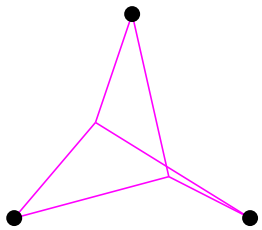
Independent invariants to the total affine transformation of the symmetric 3D tensor fields from the order 0 to 5

The generating graph is given by the list of edges, e.g. the column $\begin{matrix}1\\2\\3\end{matrix}$ means a three-edge connecting the nodes 1, 2 and 3. The letter "V" means contravariant value index. The three-edges are drawn as tripods with three arms. The black arm correspond to the coordinate index and the magenta arm correspond to the contravariant value index.

$$\begin{aligned} T_1 \;=\; & m^{(00)}_{000} m^{(11)}_{000} m^{(22)}_{000} - m^{(00)}_{000} (m^{(21)}_{000})^2 - (m^{(10)}_{000})^2 m^{(22)}_{000} + 2 m^{(10)}_{000} m^{(20)}_{000} m^{(21)}_{000} \\ & - m^{(11)}_{000} (m^{(20)}_{000})^2 \end{aligned}$$

Generating graph:

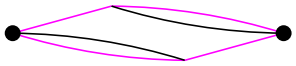
$$\begin{matrix} V1 & V1 \\ V2 & V2 \\ V3 & V3 \end{matrix}$$



$$\begin{aligned} T_2 \;=\; & m^{(10)}_{100} m^{(22)}_{010} - m^{(10)}_{100} m^{(21)}_{001} - m^{(11)}_{100} m^{(22)}_{100} + m^{(11)}_{100} m^{(20)}_{001} - m^{(20)}_{100} m^{(21)}_{010} + m^{(20)}_{100} m^{(11)}_{001} \\ & + (m^{(21)}_{100})^2 - m^{(21)}_{100} m^{(20)}_{010} - m^{(21)}_{100} m^{(10)}_{001} + m^{(22)}_{100} m^{(10)}_{010} - m^{(00)}_{010} m^{(22)}_{010} + m^{(00)}_{010} m^{(21)}_{001} \\ & - m^{(10)}_{010} m^{(20)}_{001} + (m^{(20)}_{010})^2 - m^{(20)}_{010} m^{(10)}_{001} + m^{(21)}_{010} m^{(00)}_{001} - m^{(00)}_{001} m^{(11)}_{001} + (m^{(10)}_{001})^2 \end{aligned}$$

Generating graph:

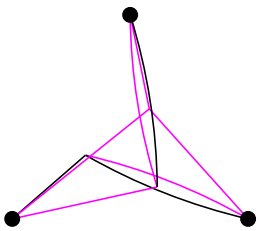
$$\begin{matrix} V1 & V1 \\ 1 & V2 \\ V2 & 2 \end{matrix}$$



$$
\begin{aligned}
T_3 \;=\;& -m^{(10)}_{100}m^{(21)}_{100}m^{(22)}_{010} + m^{(10)}_{100}m^{(21)}_{100}m^{(21)}_{001} + m^{(10)}_{100}m^{(22)}_{100}m^{(21)}_{010} - m^{(10)}_{100}m^{(22)}_{100}m^{(11)}_{001} \\
& -m^{(10)}_{100}m^{(21)}_{010}m^{(20)}_{001} + m^{(10)}_{100}m^{(22)}_{010}m^{(10)}_{001} - m^{(10)}_{100}m^{(10)}_{001}m^{(21)}_{001} + m^{(10)}_{100}m^{(11)}_{001}m^{(20)}_{001} \\
& +m^{(11)}_{100}m^{(20)}_{100}m^{(22)}_{010} - m^{(11)}_{100}m^{(20)}_{100}m^{(21)}_{001} - m^{(11)}_{100}m^{(22)}_{100}m^{(20)}_{010} + m^{(11)}_{100}m^{(22)}_{100}m^{(10)}_{001} \\
& +m^{(11)}_{100}m^{(20)}_{010}m^{(20)}_{001} - m^{(11)}_{100}m^{(22)}_{010}m^{(00)}_{001} + m^{(11)}_{100}m^{(00)}_{001}m^{(21)}_{001} - m^{(11)}_{100}m^{(10)}_{001}m^{(20)}_{001} \\
& -m^{(20)}_{100}m^{(21)}_{100}m^{(21)}_{010} + m^{(20)}_{100}m^{(21)}_{100}m^{(11)}_{001} - m^{(20)}_{100}m^{(10)}_{010}m^{(22)}_{010} + m^{(20)}_{100}m^{(10)}_{010}m^{(21)}_{001} \\
& +m^{(20)}_{100}m^{(20)}_{010}m^{(21)}_{010} - m^{(20)}_{100}m^{(20)}_{010}m^{(11)}_{001} + (m^{(21)}_{100})^2m^{(20)}_{010} - (m^{(21)}_{100})^2m^{(10)}_{001} \\
& +m^{(21)}_{100}m^{(00)}_{010}m^{(22)}_{010} - m^{(21)}_{100}m^{(00)}_{010}m^{(21)}_{001} - m^{(21)}_{100}(m^{(20)}_{010})^2 + m^{(21)}_{100}m^{(21)}_{010}m^{(00)}_{001} \\
& -m^{(21)}_{100}m^{(00)}_{001}m^{(11)}_{001} + m^{(21)}_{100}(m^{(10)}_{001})^2 - m^{(22)}_{100}m^{(00)}_{010}m^{(21)}_{010} + m^{(22)}_{100}m^{(00)}_{010}m^{(11)}_{001} \\
& +m^{(22)}_{100}m^{(10)}_{010}m^{(20)}_{010} - m^{(22)}_{100}m^{(10)}_{010}m^{(10)}_{001} + m^{(00)}_{010}m^{(21)}_{010}m^{(20)}_{001} - m^{(00)}_{010}m^{(22)}_{010}m^{(10)}_{001} \\
& +m^{(00)}_{010}m^{(10)}_{001}m^{(21)}_{001} - m^{(00)}_{010}m^{(11)}_{001}m^{(20)}_{001} - m^{(10)}_{010}m^{(20)}_{010}m^{(20)}_{001} + m^{(10)}_{010}m^{(22)}_{010}m^{(00)}_{001} \\
& -m^{(10)}_{010}m^{(00)}_{001}m^{(21)}_{001} + m^{(10)}_{010}m^{(10)}_{001}m^{(20)}_{001} + (m^{(20)}_{010})^2m^{(10)}_{001} - m^{(20)}_{010}m^{(21)}_{010}m^{(00)}_{001} \\
& +m^{(20)}_{010}m^{(00)}_{001}m^{(11)}_{001} - m^{(20)}_{010}(m^{(10)}_{001})^2
\end{aligned}
$$

Generating graph:

$$
\begin{array}{ccc}
V1 & V1 & 1 \\
V2 & V2 & V3 \\
2 & V3 & 3
\end{array}
$$

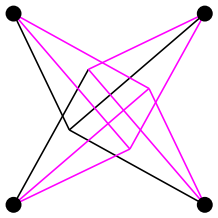


$$
\begin{aligned}
T_4 \;=\;& m_{100}^{(00)} m_{100}^{(11)} m_{010}^{(21)} m_{001}^{(22)} - m_{100}^{(00)} m_{100}^{(11)} m_{010}^{(22)} m_{001}^{(21)} - m_{100}^{(00)} m_{100}^{(21)} m_{010}^{(11)} m_{001}^{(22)} \\
&+ m_{100}^{(00)} m_{100}^{(21)} m_{010}^{(22)} m_{001}^{(11)} + m_{100}^{(00)} m_{100}^{(22)} m_{010}^{(11)} m_{001}^{(21)} - m_{100}^{(00)} m_{100}^{(22)} m_{010}^{(21)} m_{001}^{(11)} \\
&+ m_{100}^{(00)} m_{010}^{(10)} m_{010}^{(21)} m_{001}^{(22)} - m_{100}^{(00)} m_{010}^{(10)} m_{010}^{(22)} m_{001}^{(21)} + m_{100}^{(00)} m_{010}^{(10)} m_{001}^{(11)} m_{001}^{(22)} \\
&- m_{100}^{(00)} m_{010}^{(10)} (m_{001}^{(21)})^2 - m_{100}^{(00)} m_{010}^{(11)} m_{010}^{(20)} m_{001}^{(22)} + m_{100}^{(00)} m_{010}^{(11)} m_{010}^{(22)} m_{001}^{(20)} \\
&- m_{100}^{(00)} m_{010}^{(11)} m_{001}^{(10)} m_{001}^{(22)} + m_{100}^{(00)} m_{010}^{(11)} m_{001}^{(20)} m_{001}^{(21)} + m_{100}^{(00)} m_{010}^{(20)} m_{010}^{(21)} m_{001}^{(21)} \\
&- m_{100}^{(00)} (m_{010}^{(21)})^2 m_{001}^{(20)} + m_{100}^{(00)} m_{010}^{(21)} m_{001}^{(10)} m_{001}^{(21)} - m_{100}^{(00)} m_{010}^{(21)} m_{001}^{(11)} m_{001}^{(20)} \\
&- (m_{100}^{(10)})^2 m_{010}^{(21)} m_{001}^{(22)} + (m_{100}^{(10)})^2 m_{010}^{(22)} m_{001}^{(21)} + m_{100}^{(10)} m_{100}^{(20)} m_{010}^{(11)} m_{001}^{(22)} \\
&- m_{100}^{(10)} m_{100}^{(20)} m_{010}^{(22)} m_{001}^{(11)} + m_{100}^{(10)} m_{100}^{(21)} m_{010}^{(10)} m_{001}^{(22)} - m_{100}^{(10)} m_{100}^{(21)} m_{010}^{(20)} m_{001}^{(21)} \\
&+ m_{100}^{(10)} m_{100}^{(21)} m_{010}^{(21)} m_{001}^{(20)} - m_{100}^{(10)} m_{100}^{(21)} m_{010}^{(22)} m_{001}^{(10)} - m_{100}^{(10)} m_{100}^{(22)} m_{010}^{(10)} m_{001}^{(21)} \\
&- m_{100}^{(10)} m_{100}^{(22)} m_{010}^{(11)} m_{001}^{(20)} + m_{100}^{(10)} m_{100}^{(22)} m_{010}^{(20)} m_{001}^{(11)} + m_{100}^{(10)} m_{100}^{(22)} m_{010}^{(21)} m_{001}^{(10)} \\
&- m_{100}^{(10)} m_{010}^{(00)} m_{010}^{(21)} m_{001}^{(22)} + m_{100}^{(10)} m_{010}^{(00)} m_{010}^{(22)} m_{001}^{(21)} - m_{100}^{(10)} m_{010}^{(00)} m_{001}^{(11)} m_{001}^{(22)} \\
&+ m_{100}^{(10)} m_{010}^{(00)} (m_{001}^{(21)})^2 + m_{100}^{(10)} m_{010}^{(10)} m_{010}^{(20)} m_{001}^{(22)} - m_{100}^{(10)} m_{010}^{(10)} m_{010}^{(22)} m_{001}^{(20)} \\
&+ m_{100}^{(10)} m_{010}^{(11)} m_{001}^{(00)} m_{001}^{(22)} - m_{100}^{(10)} m_{010}^{(11)} (m_{001}^{(20)})^2 - m_{100}^{(10)} (m_{010}^{(20)})^2 m_{001}^{(21)} \\
&+ m_{100}^{(10)} m_{010}^{(20)} m_{010}^{(21)} m_{001}^{(20)} - m_{100}^{(10)} m_{010}^{(20)} m_{001}^{(10)} m_{001}^{(21)} + m_{100}^{(10)} m_{010}^{(20)} m_{001}^{(11)} m_{001}^{(20)}
\end{aligned}
$$

$$
\begin{aligned}
&- m_{100}^{(10)} m_{010}^{(21)} m_{001}^{(00)} m_{001}^{(21)} + m_{100}^{(10)} m_{010}^{(21)} m_{001}^{(10)} m_{001}^{(20)} - m_{100}^{(11)} m_{100}^{(20)} m_{010}^{(10)} m_{001}^{(22)} \\
&+ m_{100}^{(11)} m_{100}^{(20)} m_{010}^{(20)} m_{001}^{(21)} - m_{100}^{(11)} m_{100}^{(20)} m_{010}^{(21)} m_{001}^{(20)} + m_{100}^{(11)} m_{100}^{(20)} m_{010}^{(22)} m_{001}^{(10)} \\
&+ m_{100}^{(11)} m_{100}^{(22)} m_{010}^{(10)} m_{001}^{(20)} - m_{100}^{(11)} m_{100}^{(22)} m_{010}^{(20)} m_{001}^{(10)} + m_{100}^{(11)} m_{010}^{(00)} m_{001}^{(10)} m_{001}^{(22)} \\
&- m_{100}^{(11)} m_{010}^{(00)} m_{001}^{(20)} m_{001}^{(21)} - m_{100}^{(11)} m_{010}^{(10)} m_{001}^{(00)} m_{001}^{(22)} + m_{100}^{(11)} m_{010}^{(10)} (m_{001}^{(20)})^2 \\
&+ m_{100}^{(11)} m_{010}^{(20)} m_{001}^{(00)} m_{001}^{(21)} - m_{100}^{(11)} m_{010}^{(20)} m_{001}^{(10)} m_{001}^{(20)} - (m_{100}^{(20)})^2 m_{010}^{(11)} m_{001}^{(21)} \\
&+ (m_{100}^{(20)})^2 m_{010}^{(21)} m_{001}^{(11)} + m_{100}^{(20)} m_{100}^{(21)} m_{010}^{(10)} m_{001}^{(21)} + m_{100}^{(20)} m_{100}^{(21)} m_{010}^{(11)} m_{001}^{(20)} \\
&- m_{100}^{(20)} m_{100}^{(21)} m_{010}^{(20)} m_{001}^{(11)} - m_{100}^{(20)} m_{100}^{(21)} m_{010}^{(21)} m_{001}^{(10)} + m_{100}^{(20)} m_{010}^{(00)} m_{010}^{(11)} m_{001}^{(22)} \\
&- m_{100}^{(20)} m_{010}^{(00)} m_{010}^{(21)} m_{001}^{(21)} - m_{100}^{(20)} (m_{010}^{(10)})^2 m_{001}^{(22)} + m_{100}^{(20)} m_{010}^{(10)} m_{010}^{(20)} m_{001}^{(21)} \\
&+ m_{100}^{(20)} m_{010}^{(10)} m_{010}^{(22)} m_{001}^{(10)} + m_{100}^{(20)} m_{010}^{(10)} m_{001}^{(10)} m_{001}^{(21)} - m_{100}^{(20)} m_{010}^{(10)} m_{001}^{(11)} m_{001}^{(20)} \\
&- m_{100}^{(20)} m_{010}^{(11)} m_{010}^{(22)} m_{001}^{(00)} - m_{100}^{(20)} m_{010}^{(11)} m_{001}^{(00)} m_{001}^{(21)} + m_{100}^{(20)} m_{010}^{(11)} m_{001}^{(10)} m_{001}^{(20)} \\
&- m_{100}^{(20)} m_{010}^{(20)} m_{010}^{(21)} m_{001}^{(10)} + m_{100}^{(20)} (m_{010}^{(21)})^2 m_{001}^{(00)} + m_{100}^{(20)} m_{010}^{(21)} m_{001}^{(00)} m_{001}^{(11)} \\
&- m_{100}^{(20)} m_{010}^{(21)} (m_{001}^{(10)})^2 - (m_{100}^{(21)})^2 m_{010}^{(10)} m_{001}^{(20)} + (m_{100}^{(21)})^2 m_{010}^{(20)} m_{001}^{(10)} \\
&+ m_{100}^{(21)} m_{010}^{(00)} m_{010}^{(21)} m_{001}^{(20)} - m_{100}^{(21)} m_{010}^{(00)} m_{010}^{(22)} m_{001}^{(10)} - m_{100}^{(21)} m_{010}^{(00)} m_{001}^{(10)} m_{001}^{(21)} \\
&+ m_{100}^{(21)} m_{010}^{(00)} m_{001}^{(11)} m_{001}^{(20)} - m_{100}^{(21)} m_{010}^{(10)} m_{010}^{(20)} m_{001}^{(20)} + m_{100}^{(21)} m_{010}^{(10)} m_{010}^{(22)} m_{001}^{(00)} \\
&+ m_{100}^{(21)} m_{010}^{(10)} m_{001}^{(00)} m_{001}^{(21)} - m_{100}^{(21)} m_{010}^{(10)} m_{001}^{(10)} m_{001}^{(20)} + m_{100}^{(21)} (m_{010}^{(20)})^2 m_{001}^{(10)} \\
&- m_{100}^{(21)} m_{010}^{(20)} m_{010}^{(21)} m_{001}^{(00)} - m_{100}^{(21)} m_{010}^{(20)} m_{001}^{(00)} m_{001}^{(11)} + m_{100}^{(21)} m_{010}^{(20)} (m_{001}^{(10)})^2 \\
&- m_{100}^{(22)} m_{010}^{(00)} m_{010}^{(11)} m_{001}^{(20)} + m_{100}^{(22)} m_{010}^{(00)} m_{010}^{(21)} m_{001}^{(10)} + m_{100}^{(22)} (m_{010}^{(10)})^2 m_{001}^{(20)} \\
&- m_{100}^{(22)} m_{010}^{(10)} m_{010}^{(20)} m_{001}^{(10)} - m_{100}^{(22)} m_{010}^{(10)} m_{010}^{(21)} m_{001}^{(00)} + m_{100}^{(22)} m_{010}^{(11)} m_{010}^{(20)} m_{001}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & V1 & 1 & 2 \\
V2 & V2 & V3 & 3 \\
V3 & V4 & V4 & 4
\end{array}
$$



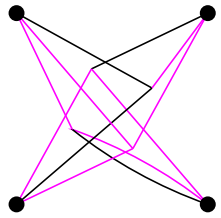
$$
\begin{aligned}
T_5 \;=\;& -m_{100}^{(00)} m_{100}^{(11)} m_{010}^{(21)} m_{001}^{(22)} + m_{100}^{(00)} m_{100}^{(11)} m_{010}^{(22)} m_{001}^{(21)} + m_{100}^{(00)} m_{100}^{(11)} m_{001}^{(11)} m_{001}^{(22)} \\
& - m_{100}^{(00)} m_{100}^{(11)} (m_{001}^{(21)})^2 + 2 m_{100}^{(00)} m_{100}^{(21)} m_{010}^{(21)} m_{001}^{(21)} - 2 m_{100}^{(00)} m_{100}^{(21)} m_{010}^{(22)} m_{001}^{(11)} \\
& + m_{100}^{(00)} m_{100}^{(22)} m_{010}^{(11)} m_{010}^{(22)} - m_{100}^{(00)} m_{100}^{(22)} m_{010}^{(11)} m_{001}^{(21)} - m_{100}^{(00)} m_{100}^{(22)} (m_{010}^{(21)})^2 \\
& + m_{100}^{(00)} m_{100}^{(22)} m_{010}^{(21)} m_{001}^{(11)} + m_{100}^{(00)} m_{010}^{(10)} m_{010}^{(21)} m_{001}^{(22)} - m_{100}^{(00)} m_{010}^{(10)} (m_{010}^{(22)})^2 \\
& + m_{100}^{(00)} m_{010}^{(10)} m_{010}^{(22)} m_{001}^{(21)} - m_{100}^{(00)} m_{010}^{(10)} m_{001}^{(11)} m_{001}^{(22)} - m_{100}^{(00)} m_{010}^{(11)} m_{010}^{(22)} m_{001}^{(20)}
\end{aligned}
$$

$$
\begin{aligned}
&+m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{001}^{(21)} + m_{100}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{010}^{(22)} - 2m_{100}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(21)}\\
&+m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(21)} + m_{100}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(10)} - 2m_{100}^{(00)}m_{010}^{(21)}m_{010}^{(10)}m_{001}^{(21)}\\
&+m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{001}^{(20)} + m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(21)} - m_{100}^{(00)}(m_{001}^{(11)})^2m_{001}^{(20)}\\
&-(m_{100}^{(10)})^2m_{001}^{(11)}m_{001}^{(22)} + (m_{100}^{(10)})^2(m_{001}^{(21)})^2 + m_{100}^{(10)}m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(22)}\\
&-m_{100}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(21)} + m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(22)} - m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(20)}\\
&+m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(22)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(21)} + m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(11)}\\
&-m_{100}^{(10)}(m_{100}^{(21)})^2m_{010}^{(22)} - m_{100}^{(10)}(m_{100}^{(21)})^2m_{001}^{(21)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(21)}\\
&+m_{100}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(11)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(22)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(10)}\\
&-m_{100}^{(10)}(m_{100}^{(22)})^2m_{010}^{(11)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(21)} + m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(20)}\\
&-m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(11)} - 2m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(10)} + m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(22)}\\
&+m_{100}^{(10)}m_{010}^{(00)}(m_{010}^{(22)})^2 - 3m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(21)} + m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(22)}\\
&-2m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(22)} + 2m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(20)} + 2m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(22)}\\
&-2m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{001}^{(21)} - m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(22)} - m_{100}^{(10)}(m_{010}^{(20)})^2m_{010}^{(22)}\\
&+3m_{100}^{(10)}(m_{010}^{(20)})^2m_{001}^{(21)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(20)} - m_{100}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(00)}\\
&+2m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(21)} + m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(11)} - m_{100}^{(10)}m_{010}^{(22)}(m_{001}^{(10)})^2\\
&-m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(21)} - m_{100}^{(10)}(m_{001}^{(10)})^2m_{001}^{(21)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(20)}\\
&-(m_{100}^{(11)})^2m_{100}^{(20)}m_{001}^{(22)} + (m_{100}^{(11)})^2m_{100}^{(22)}m_{001}^{(20)} + m_{100}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(22)}\\
&+2m_{100}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(21)} - m_{100}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(21)} + m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(22)}\\
&-2m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(21)} + 2m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(20)} - m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(10)}\\
&-m_{100}^{(11)}(m_{100}^{(21)})^2m_{001}^{(20)} - m_{100}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(20)} - m_{100}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(10)}\\
&+m_{100}^{(11)}(m_{100}^{(22)})^2m_{010}^{(10)} - m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(22)} + m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(21)}\\
&-3m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(20)} + m_{100}^{(11)}m_{100}^{(22)}(m_{010}^{(20)})^2 + m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(10)}\\
&+m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(00)} - m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(11)} + m_{100}^{(11)}m_{100}^{(22)}(m_{001}^{(10)})^2\\
&+m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(20)} - 2m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(22)} + m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{001}^{(21)}\\
&+m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(22)} - m_{100}^{(11)}(m_{010}^{(20)})^2m_{001}^{(20)} - m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(21)}\\
&+2m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(20)} - m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(20)} + m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(21)}\\
&-m_{100}^{(11)}(m_{001}^{(10)})^2m_{001}^{(20)} - (m_{100}^{(20)})^2m_{010}^{(11)}m_{010}^{(22)} + (m_{100}^{(20)})^2(m_{010}^{(21)})^2\\
&-m_{100}^{(20)}(m_{100}^{(21)})^2m_{010}^{(21)} - m_{100}^{(20)}(m_{100}^{(21)})^2m_{001}^{(11)} + m_{100}^{(20)}m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(11)}\\
&-2m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(20)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(11)} - m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(11)}\\
&+m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(10)} - m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(22)} - m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{010}^{(22)}\\
&+2m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(21)} + m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(11)} - m_{100}^{(20)}m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(21)}\\
&+2m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{010}^{(22)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(20)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(10)}\\
&+2m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(20)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(20)} + m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(00)}\\
&+m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(21)} - 2m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{001}^{(20)} - m_{100}^{(20)}(m_{010}^{(20)})^2m_{010}^{(21)}\\
&-m_{100}^{(20)}(m_{010}^{(20)})^2m_{001}^{(11)} - 3m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(11)} + 3m_{100}^{(20)}m_{010}^{(21)}(m_{001}^{(10)})^2\\
&+m_{100}^{(20)}m_{001}^{(00)}(m_{001}^{(11)})^2 - m_{100}^{(20)}(m_{001}^{(10)})^2m_{001}^{(11)} + (m_{100}^{(21)})^3m_{010}^{(20)} + (m_{100}^{(21)})^3m_{001}^{(10)}\\
&-(m_{100}^{(21)})^2m_{100}^{(22)}m_{010}^{(10)} + (m_{100}^{(21)})^2m_{010}^{(00)}m_{010}^{(22)} - (m_{100}^{(21)})^2m_{010}^{(00)}m_{001}^{(21)}\\
&+3(m_{100}^{(21)})^2m_{010}^{(10)}m_{001}^{(20)} - (m_{100}^{(21)})^2(m_{010}^{(20)})^2 - (m_{100}^{(21)})^2m_{010}^{(20)}m_{001}^{(10)}
\end{aligned}
$$

$$
\begin{aligned}
&-(m_{100}^{(21)})^2 m_{010}^{(21)} m_{001}^{(00)} + (m_{100}^{(21)})^2 m_{001}^{(00)} m_{001}^{(11)} - (m_{100}^{(21)})^2 (m_{001}^{(10)})^2 \\
&+m_{100}^{(21)} m_{010}^{(00)} m_{010}^{(10)} m_{001}^{(22)} - m_{100}^{(21)} m_{010}^{(00)} m_{010}^{(20)} m_{010}^{(22)} - 2m_{100}^{(21)} m_{010}^{(00)} m_{010}^{(21)} m_{001}^{(20)} \\
&+m_{100}^{(21)} m_{010}^{(00)} m_{010}^{(22)} m_{001}^{(10)} + 2m_{100}^{(21)} m_{010}^{(00)} m_{001}^{(10)} m_{001}^{(21)} - m_{100}^{(21)} m_{010}^{(00)} m_{001}^{(11)} m_{001}^{(20)} \\
&-m_{100}^{(21)} m_{010}^{(10)} m_{010}^{(22)} m_{001}^{(00)} - 2m_{100}^{(21)} m_{010}^{(10)} m_{001}^{(00)} m_{001}^{(21)} + m_{100}^{(21)} m_{010}^{(11)} m_{001}^{(00)} m_{001}^{(20)} \\
&+m_{100}^{(21)} (m_{010}^{(20)})^3 - m_{100}^{(21)} (m_{010}^{(20)})^2 m_{001}^{(10)} + 2m_{100}^{(21)} m_{010}^{(20)} m_{010}^{(21)} m_{001}^{(00)} \\
&+m_{100}^{(21)} m_{010}^{(20)} m_{001}^{(00)} m_{001}^{(11)} - m_{100}^{(21)} m_{010}^{(20)} (m_{001}^{(10)})^2 - m_{100}^{(21)} m_{001}^{(00)} m_{001}^{(10)} m_{001}^{(11)} \\
&+m_{100}^{(21)} (m_{001}^{(10)})^3 - m_{100}^{(22)} m_{010}^{(00)} m_{010}^{(10)} m_{001}^{(21)} + m_{100}^{(22)} m_{010}^{(00)} m_{010}^{(11)} m_{001}^{(20)} \\
&+m_{100}^{(22)} m_{010}^{(00)} m_{010}^{(20)} m_{010}^{(21)} - m_{100}^{(22)} m_{010}^{(00)} m_{010}^{(21)} m_{001}^{(10)} - m_{100}^{(22)} m_{010}^{(10)} (m_{010}^{(20)})^2 \\
&+2m_{100}^{(22)} m_{010}^{(10)} m_{010}^{(20)} m_{001}^{(10)} + m_{100}^{(22)} m_{010}^{(10)} m_{010}^{(21)} m_{001}^{(00)} + m_{100}^{(22)} m_{010}^{(10)} m_{001}^{(00)} m_{001}^{(11)} \\
&-m_{100}^{(22)} m_{010}^{(10)} (m_{001}^{(10)})^2 - 2m_{100}^{(22)} m_{010}^{(11)} m_{010}^{(20)} m_{001}^{(00)} - (m_{010}^{(00)})^2 m_{010}^{(21)} m_{001}^{(22)} \\
&+(m_{010}^{(00)})^2 m_{010}^{(22)} m_{001}^{(21)} + m_{010}^{(00)} m_{010}^{(10)} m_{010}^{(20)} m_{001}^{(22)} - m_{010}^{(00)} m_{010}^{(10)} m_{010}^{(22)} m_{001}^{(20)} \\
&+m_{010}^{(00)} m_{010}^{(11)} m_{001}^{(00)} m_{001}^{(22)} - m_{010}^{(00)} m_{010}^{(11)} (m_{001}^{(20)})^2 - m_{010}^{(00)} (m_{010}^{(20)})^2 m_{001}^{(21)} \\
&+2m_{010}^{(00)} m_{010}^{(20)} m_{010}^{(21)} m_{001}^{(20)} - m_{010}^{(00)} m_{010}^{(20)} m_{010}^{(22)} m_{001}^{(10)} - m_{010}^{(00)} m_{010}^{(22)} m_{001}^{(00)} m_{001}^{(11)} \\
&+m_{010}^{(00)} m_{010}^{(22)} (m_{001}^{(10)})^2 - m_{010}^{(00)} (m_{001}^{(10)})^2 m_{001}^{(21)} + m_{010}^{(00)} m_{001}^{(10)} m_{001}^{(11)} m_{001}^{(20)} \\
&-(m_{010}^{(10)})^2 m_{001}^{(00)} m_{001}^{(22)} + (m_{010}^{(10)})^2 (m_{001}^{(20)})^2 - m_{010}^{(10)} (m_{010}^{(20)})^2 m_{001}^{(20)} \\
&+m_{010}^{(10)} m_{010}^{(20)} m_{010}^{(22)} m_{001}^{(00)} + 2m_{010}^{(10)} m_{001}^{(00)} m_{001}^{(10)} m_{001}^{(21)} - m_{010}^{(10)} m_{001}^{(00)} m_{001}^{(11)} m_{001}^{(20)} \\
&-m_{010}^{(10)} (m_{001}^{(10)})^2 m_{001}^{(20)} - m_{010}^{(11)} (m_{001}^{(00)})^2 m_{001}^{(21)} + m_{010}^{(11)} m_{001}^{(00)} m_{001}^{(10)} m_{001}^{(20)} \\
&+(m_{010}^{(20)})^3 m_{001}^{(10)} - (m_{010}^{(20)})^2 m_{010}^{(21)} m_{001}^{(00)} + (m_{010}^{(20)})^2 m_{001}^{(00)} m_{001}^{(11)} - (m_{010}^{(20)})^2 (m_{001}^{(10)})^2 \\
&-m_{010}^{(20)} m_{001}^{(00)} m_{001}^{(10)} m_{001}^{(11)} + m_{010}^{(20)} (m_{001}^{(10)})^3 + m_{010}^{(21)} (m_{001}^{(00)})^2 m_{001}^{(11)} \\
&-m_{010}^{(21)} m_{001}^{(00)} (m_{001}^{(10)})^2
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & 1 & V1 & V2 \\
V2 & 2 & 3 & V4 \\
V3 & V3 & V4 & 4
\end{array}
$$



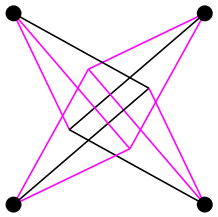
$$
\begin{aligned}
T_6 \;=\;& 3m_{100}^{(00)} m_{100}^{(11)} m_{010}^{(21)} m_{001}^{(22)} - m_{100}^{(00)} m_{100}^{(11)} (m_{010}^{(22)})^2 - m_{100}^{(00)} m_{100}^{(11)} m_{010}^{(22)} m_{001}^{(21)} \\
&+m_{100}^{(00)} m_{100}^{(11)} m_{001}^{(11)} m_{001}^{(22)} - 2m_{100}^{(00)} m_{100}^{(11)} (m_{001}^{(21)})^2 - 4m_{100}^{(00)} m_{100}^{(21)} m_{010}^{(11)} m_{001}^{(22)} \\
&+2m_{100}^{(00)} m_{100}^{(21)} m_{010}^{(21)} m_{010}^{(22)} + 2m_{100}^{(00)} m_{100}^{(21)} m_{001}^{(11)} m_{001}^{(21)} + m_{100}^{(00)} m_{100}^{(22)} m_{010}^{(11)} m_{010}^{(22)}
\end{aligned}
$$

$$
\begin{aligned}
&+3m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(21)} - 2m_{100}^{(00)}m_{100}^{(22)}(m_{010}^{(21)})^2 - m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(11)}\\
&-m_{100}^{(00)}m_{100}^{(22)}(m_{001}^{(11)})^2 + 5m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(22)} - 5m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(21)}\\
&+3m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(22)} - 3m_{100}^{(00)}m_{010}^{(10)}(m_{001}^{(21)})^2 - 4m_{100}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(22)}\\
&+3m_{100}^{(00)}m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(20)} - 4m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{001}^{(22)} + 5m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{001}^{(21)}\\
&+3m_{100}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(21)} + m_{100}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(11)} - 3m_{100}^{(00)}(m_{010}^{(21)})^2m_{001}^{(20)}\\
&+3m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(21)} - 5m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{001}^{(20)} + m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{001}^{(11)}\\
&-3(m_{100}^{(10)})^2m_{010}^{(21)}m_{001}^{(22)} + (m_{100}^{(10)})^2(m_{010}^{(22)})^2 + (m_{100}^{(10)})^2m_{010}^{(22)}m_{001}^{(21)}\\
&-2(m_{100}^{(10)})^2m_{001}^{(11)}m_{001}^{(22)} + 3(m_{100}^{(10)})^2(m_{001}^{(21)})^2 + 2m_{100}^{(10)}m_{100}^{(11)}m_{100}^{(10)}m_{001}^{(22)}\\
&-2m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{001}^{(21)} + 5m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(22)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{010}^{(22)}\\
&-2m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(21)} + m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(11)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{001}^{(21)}\\
&+3m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(22)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{010}^{(22)} - m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(21)}\\
&+3m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(20)} - m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(10)} - 6m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(21)}\\
&+4m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{001}^{(20)} - 2m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(22)} - m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(21)}\\
&-5m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(20)} + 4m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{010}^{(21)} - m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(11)}\\
&+3m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(10)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{001}^{(11)} - 5m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(22)}\\
&+5m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(21)} - m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(22)} + m_{100}^{(10)}m_{010}^{(00)}(m_{001}^{(21)})^2\\
&+3m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(22)} - m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(20)} - 2m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{001}^{(21)}\\
&+3m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(22)} - 3m_{100}^{(10)}m_{010}^{(11)}(m_{001}^{(20)})^2 - 3m_{100}^{(10)}(m_{010}^{(20)})^2m_{001}^{(21)}\\
&+3m_{100}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(20)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(10)} - m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(21)}\\
&+3m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(20)} - m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(21)} + 3m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(20)}\\
&-2m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(11)} - (m_{100}^{(11)})^2m_{001}^{(00)}m_{001}^{(22)} + (m_{100}^{(11)})^2(m_{001}^{(20)})^2\\
&-5m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(22)} + 2m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{010}^{(22)} + 3m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(21)}\\
&-m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(20)} - m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(10)} + 4m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(21)}\\
&-2m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{001}^{(20)} + m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(22)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(20)}\\
&+m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(00)} + 2m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(21)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(20)}\\
&+m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(22)} - 2m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(21)} + 5m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(20)}\\
&-2m_{100}^{(11)}m_{100}^{(22)}(m_{010}^{(20)})^2 + m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(20)} - 2m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(00)}\\
&+m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(11)} - 2m_{100}^{(11)}m_{100}^{(22)}(m_{001}^{(10)})^2 + m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(22)}\\
&-2m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(20)} + m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{001}^{(21)} - m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(22)}\\
&+m_{100}^{(11)}m_{010}^{(10)}(m_{001}^{(20)})^2 + m_{100}^{(11)}m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(00)} - m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(21)}\\
&-m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(20)} + m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(10)} - 2(m_{100}^{(20)})^2m_{010}^{(11)}m_{010}^{(22)}\\
&-3(m_{100}^{(20)})^2m_{010}^{(11)}m_{001}^{(21)} + 3(m_{100}^{(20)})^2(m_{010}^{(21)})^2 + (m_{100}^{(20)})^2m_{010}^{(21)}m_{001}^{(11)}\\
&+(m_{100}^{(20)})^2(m_{001}^{(11)})^2 + 4m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(22)} + 3m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(21)}\\
&+3m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(20)} - 6m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{010}^{(21)} - m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(11)}\\
&-m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(10)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(11)} - 2m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(21)}\\
&+2m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(20)} + 3m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(22)} - m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(21)}\\
&-2m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(11)} - 3m_{100}^{(20)}(m_{010}^{(10)})^2m_{001}^{(22)} + 3m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(21)}\\
&-2m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(20)} + 3m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(10)} + 3m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(21)}
\end{aligned}
$$

$$
\begin{aligned}
&-m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(20)} - m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(00)} - 5m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(21)}\\
&+3m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{001}^{(20)} - m_{100}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(10)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(11)}\\
&+m_{100}^{(20)}(m_{010}^{(21)})^2m_{001}^{(00)} + 5m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(11)} - 3m_{100}^{(20)}m_{010}^{(21)}(m_{001}^{(10)})^2\\
&-2(m_{100}^{(21)})^2m_{010}^{(00)}m_{010}^{(22)} - 3(m_{100}^{(21)})^2m_{010}^{(10)}m_{001}^{(20)} + 3(m_{100}^{(21)})^2(m_{010}^{(20)})^2\\
&+(m_{100}^{(21)})^2m_{010}^{(20)}m_{001}^{(10)} - 2(m_{100}^{(21)})^2m_{001}^{(00)}m_{001}^{(11)} + 3(m_{100}^{(21)})^2(m_{001}^{(10)})^2\\
&+2m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(21)} + m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(11)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(20)}\\
&-2m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(10)} + m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(00)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(21)}\\
&+3m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(20)} + m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(10)} - m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(21)}\\
&-m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(20)} - m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(20)} - m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(00)}\\
&+3m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(21)} - m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(20)} + m_{100}^{(21)}(m_{010}^{(20)})^2m_{001}^{(10)}\\
&-m_{100}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(00)} + m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(11)} + m_{100}^{(21)}m_{010}^{(20)}(m_{001}^{(10)})^2\\
&-2m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(10)} - (m_{100}^{(22)})^2m_{010}^{(00)}m_{010}^{(11)} + (m_{100}^{(22)})^2(m_{010}^{(10)})^2\\
&-m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(20)} + m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(11)} - m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(11)} + m_{100}^{(22)}(m_{010}^{(10)})^2m_{001}^{(20)} - m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(00)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(11)} + m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(10)}\\
&-(m_{010}^{(00)})^2m_{001}^{(11)}m_{001}^{(22)} + (m_{010}^{(00)})^2(m_{001}^{(21)})^2 + 2m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(22)}\\
&-2m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{001}^{(21)} + m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(22)} - 2m_{010}^{(00)}m_{010}^{(11)}(m_{001}^{(20)})^2\\
&-2m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(21)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(20)} - 2m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(21)}\\
&+4m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(20)} + m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(11)} - 2m_{010}^{(00)}m_{010}^{(22)}(m_{001}^{(10)})^2\\
&-2(m_{010}^{(10)})^2m_{001}^{(00)}m_{001}^{(22)} + 3(m_{010}^{(10)})^2(m_{001}^{(20)})^2 + 4m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(21)}\\
&-6m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(20)} - 2m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(20)} + 2m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(10)}\\
&+2m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(20)} - m_{010}^{(11)}m_{010}^{(22)}(m_{001}^{(00)})^2 - 2(m_{010}^{(20)})^2m_{001}^{(00)}m_{001}^{(11)}\\
&+3(m_{010}^{(20)})^2(m_{001}^{(10)})^2 - 2m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(10)} + (m_{010}^{(21)})^2(m_{001}^{(00)})^2
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & 1 & V1 & V2\\
V2 & 2 & V3 & 3\\
V3 & V4 & V4 & 4
\end{array}
$$



$$
\begin{aligned}
T_7 \;=\;& m_{100}^{(00)} m_{100}^{(11)} m_{010}^{(21)} m_{001}^{(22)} - m_{100}^{(00)} m_{100}^{(11)} m_{010}^{(22)} m_{001}^{(21)} - m_{100}^{(00)} m_{100}^{(11)} m_{001}^{(11)} m_{001}^{(22)} \\
&+ m_{100}^{(00)} m_{100}^{(11)} (m_{001}^{(21)})^2 - 2 m_{100}^{(00)} m_{100}^{(21)} m_{010}^{(21)} m_{001}^{(21)} + 2 m_{100}^{(00)} m_{100}^{(21)} m_{010}^{(22)} m_{001}^{(11)} \\
&- m_{100}^{(00)} m_{100}^{(22)} m_{010}^{(11)} m_{010}^{(22)} + m_{100}^{(00)} m_{100}^{(22)} m_{010}^{(11)} m_{001}^{(21)} + m_{100}^{(00)} m_{100}^{(22)} (m_{010}^{(21)})^2 \\
&- m_{100}^{(00)} m_{100}^{(22)} m_{010}^{(21)} m_{001}^{(11)} - m_{100}^{(00)} m_{010}^{(10)} m_{010}^{(21)} m_{001}^{(22)} + m_{100}^{(00)} m_{010}^{(10)} (m_{010}^{(22)})^2 \\
&- m_{100}^{(00)} m_{010}^{(10)} m_{010}^{(22)} m_{001}^{(21)} + m_{100}^{(00)} m_{010}^{(10)} m_{001}^{(11)} m_{001}^{(22)} + m_{100}^{(00)} m_{010}^{(11)} m_{010}^{(22)} m_{001}^{(20)} \\
&- m_{100}^{(00)} m_{010}^{(11)} m_{001}^{(20)} m_{001}^{(21)} - m_{100}^{(00)} m_{010}^{(20)} m_{010}^{(21)} m_{010}^{(22)} + 2 m_{100}^{(00)} m_{010}^{(20)} m_{010}^{(21)} m_{001}^{(21)} \\
&- m_{100}^{(00)} m_{010}^{(20)} m_{001}^{(11)} m_{001}^{(21)} - m_{100}^{(00)} m_{010}^{(21)} m_{010}^{(22)} m_{001}^{(10)} + 2 m_{100}^{(00)} m_{010}^{(21)} m_{001}^{(10)} m_{001}^{(21)} \\
&- m_{100}^{(00)} m_{010}^{(21)} m_{001}^{(11)} m_{001}^{(20)} - m_{100}^{(00)} m_{001}^{(10)} m_{001}^{(11)} m_{001}^{(21)} + m_{100}^{(00)} (m_{001}^{(11)})^2 m_{001}^{(20)} \\
&- (m_{100}^{(10)})^2 (m_{010}^{(22)})^2 + 2 (m_{100}^{(10)})^2 m_{010}^{(22)} m_{001}^{(21)} + (m_{100}^{(10)})^2 m_{001}^{(11)} m_{001}^{(22)} \\
&- 2 (m_{100}^{(10)})^2 (m_{001}^{(21)})^2 - m_{100}^{(10)} m_{100}^{(11)} m_{100}^{(21)} m_{001}^{(22)} + 2 m_{100}^{(10)} m_{100}^{(11)} m_{100}^{(22)} m_{010}^{(22)} \\
&- m_{100}^{(10)} m_{100}^{(11)} m_{100}^{(22)} m_{001}^{(21)} - m_{100}^{(10)} m_{100}^{(11)} m_{010}^{(20)} m_{001}^{(22)} - m_{100}^{(10)} m_{100}^{(11)} m_{010}^{(22)} m_{001}^{(20)} \\
&+ 2 m_{100}^{(10)} m_{100}^{(11)} m_{001}^{(20)} m_{001}^{(21)} - m_{100}^{(10)} m_{100}^{(20)} m_{010}^{(11)} m_{001}^{(22)} + 2 m_{100}^{(10)} m_{100}^{(20)} m_{010}^{(21)} m_{010}^{(22)} \\
&- 3 m_{100}^{(10)} m_{100}^{(20)} m_{010}^{(22)} m_{001}^{(11)} + 2 m_{100}^{(10)} m_{100}^{(20)} m_{001}^{(11)} m_{001}^{(21)} - m_{100}^{(10)} (m_{100}^{(21)})^2 m_{010}^{(22)} \\
&+ 3 m_{100}^{(10)} (m_{100}^{(21)})^2 m_{001}^{(21)} - 2 m_{100}^{(10)} m_{100}^{(21)} m_{100}^{(22)} m_{010}^{(21)} - m_{100}^{(10)} m_{100}^{(21)} m_{100}^{(22)} m_{001}^{(11)} \\
&+ 2 m_{100}^{(10)} m_{100}^{(21)} m_{010}^{(10)} m_{001}^{(22)} + 2 m_{100}^{(10)} m_{100}^{(21)} m_{010}^{(20)} m_{010}^{(22)} - 2 m_{100}^{(10)} m_{100}^{(21)} m_{010}^{(20)} m_{001}^{(21)} \\
&- 2 m_{100}^{(10)} m_{100}^{(21)} m_{001}^{(10)} m_{001}^{(21)} + m_{100}^{(10)} (m_{100}^{(22)})^2 m_{010}^{(11)} - 2 m_{100}^{(10)} m_{100}^{(22)} m_{010}^{(10)} m_{010}^{(22)} \\
&- m_{100}^{(10)} m_{100}^{(22)} m_{010}^{(11)} m_{001}^{(20)} + m_{100}^{(10)} m_{100}^{(22)} m_{010}^{(20)} m_{001}^{(11)} + 2 m_{100}^{(10)} m_{100}^{(22)} m_{010}^{(21)} m_{001}^{(10)} \\
&- m_{100}^{(10)} m_{010}^{(00)} m_{010}^{(21)} m_{001}^{(22)} + m_{100}^{(10)} m_{010}^{(00)} (m_{010}^{(22)})^2 - m_{100}^{(10)} m_{010}^{(00)} m_{010}^{(22)} m_{001}^{(21)} \\
&- m_{100}^{(10)} m_{010}^{(00)} m_{001}^{(11)} m_{001}^{(22)} + 2 m_{100}^{(10)} m_{010}^{(00)} (m_{001}^{(21)})^2 + 2 m_{100}^{(10)} m_{010}^{(10)} m_{010}^{(20)} m_{001}^{(22)} \\
&- 2 m_{100}^{(10)} m_{010}^{(10)} m_{001}^{(10)} m_{001}^{(22)} + m_{100}^{(10)} m_{010}^{(11)} m_{001}^{(00)} m_{001}^{(22)} - m_{100}^{(10)} (m_{010}^{(20)})^2 m_{010}^{(22)} \\
&- m_{100}^{(10)} (m_{010}^{(20)})^2 m_{001}^{(21)} + 2 m_{100}^{(10)} m_{010}^{(20)} m_{010}^{(22)} m_{001}^{(10)} - 2 m_{100}^{(10)} m_{010}^{(20)} m_{010}^{(10)} m_{001}^{(21)} \\
&+ 2 m_{100}^{(10)} m_{010}^{(20)} m_{001}^{(11)} m_{001}^{(20)} - m_{100}^{(10)} m_{010}^{(21)} m_{010}^{(22)} m_{001}^{(00)} + m_{100}^{(10)} m_{010}^{(22)} m_{001}^{(00)} m_{001}^{(11)} \\
&- m_{100}^{(10)} m_{010}^{(22)} (m_{001}^{(10)})^2 - m_{100}^{(10)} m_{001}^{(00)} m_{001}^{(11)} m_{001}^{(21)} + 3 m_{100}^{(10)} (m_{001}^{(10)})^2 m_{001}^{(21)} \\
&- 2 m_{100}^{(10)} m_{001}^{(10)} m_{001}^{(11)} m_{001}^{(20)} + (m_{100}^{(11)})^2 m_{100}^{(20)} m_{001}^{(22)} - (m_{100}^{(11)})^2 (m_{100}^{(22)})^2 \\
&+ (m_{100}^{(11)})^2 m_{100}^{(22)} m_{001}^{(20)} - (m_{100}^{(11)})^2 (m_{001}^{(20)})^2 - m_{100}^{(11)} m_{100}^{(20)} m_{100}^{(21)} m_{010}^{(22)} \\
&- 2 m_{100}^{(11)} m_{100}^{(20)} m_{100}^{(21)} m_{001}^{(21)} - m_{100}^{(11)} m_{100}^{(20)} m_{100}^{(22)} m_{010}^{(21)} + 2 m_{100}^{(11)} m_{100}^{(20)} m_{100}^{(22)} m_{001}^{(11)} \\
&- m_{100}^{(11)} m_{100}^{(20)} m_{010}^{(10)} m_{001}^{(22)} + 2 m_{100}^{(11)} m_{100}^{(20)} m_{010}^{(20)} m_{001}^{(21)} + m_{100}^{(11)} m_{100}^{(20)} m_{010}^{(22)} m_{001}^{(10)} \\
&- 2 m_{100}^{(11)} m_{100}^{(20)} m_{001}^{(11)} m_{001}^{(20)} + 2 m_{100}^{(11)} (m_{100}^{(21)})^2 m_{100}^{(22)} - m_{100}^{(11)} (m_{100}^{(21)})^2 m_{001}^{(20)} \\
&- m_{100}^{(11)} m_{100}^{(21)} m_{100}^{(22)} m_{010}^{(20)} - m_{100}^{(11)} m_{100}^{(21)} m_{100}^{(22)} m_{001}^{(10)} + 2 m_{100}^{(11)} m_{100}^{(21)} m_{010}^{(20)} m_{001}^{(20)} \\
&+ 2 m_{100}^{(11)} m_{100}^{(21)} m_{010}^{(10)} m_{001}^{(20)} + m_{100}^{(11)} (m_{100}^{(22)})^2 m_{010}^{(10)} - m_{100}^{(11)} m_{100}^{(22)} m_{010}^{(00)} m_{010}^{(22)} \\
&+ m_{100}^{(11)} m_{100}^{(22)} m_{010}^{(00)} m_{001}^{(21)} - m_{100}^{(11)} m_{100}^{(22)} m_{010}^{(10)} m_{001}^{(20)} + m_{100}^{(11)} m_{100}^{(22)} (m_{010}^{(20)})^2 \\
&- 3 m_{100}^{(11)} m_{100}^{(22)} m_{010}^{(20)} m_{001}^{(10)} + m_{100}^{(11)} m_{100}^{(22)} m_{010}^{(21)} m_{001}^{(00)} - m_{100}^{(11)} m_{100}^{(22)} m_{001}^{(00)} m_{001}^{(11)} \\
&+ m_{100}^{(11)} m_{100}^{(22)} (m_{001}^{(10)})^2 + m_{100}^{(11)} m_{010}^{(00)} m_{010}^{(22)} m_{001}^{(20)} + 2 m_{100}^{(11)} m_{010}^{(00)} m_{001}^{(10)} m_{001}^{(22)} \\
&- 3 m_{100}^{(11)} m_{010}^{(00)} m_{001}^{(20)} m_{001}^{(21)} - m_{100}^{(11)} m_{010}^{(10)} m_{001}^{(00)} m_{001}^{(22)} + 2 m_{100}^{(11)} m_{010}^{(10)} (m_{001}^{(20)})^2 \\
&- m_{100}^{(11)} (m_{010}^{(20)})^2 m_{001}^{(20)} + m_{100}^{(11)} m_{010}^{(20)} m_{001}^{(00)} m_{001}^{(21)} - m_{100}^{(11)} m_{010}^{(21)} m_{001}^{(00)} m_{001}^{(20)} \\
&- m_{100}^{(11)} m_{001}^{(00)} m_{001}^{(10)} m_{001}^{(21)} + 2 m_{100}^{(11)} m_{001}^{(00)} m_{001}^{(11)} m_{001}^{(20)} - m_{100}^{(11)} (m_{001}^{(10)})^2 m_{001}^{(20)} \\
&+ (m_{100}^{(20)})^2 m_{010}^{(11)} m_{010}^{(22)} - 2 (m_{100}^{(20)})^2 (m_{010}^{(21)})^2 + 2 (m_{100}^{(20)})^2 m_{010}^{(21)} m_{001}^{(11)} \\
&- (m_{100}^{(20)})^2 (m_{001}^{(11)})^2 + 3 m_{100}^{(20)} (m_{100}^{(21)})^2 m_{010}^{(21)} - m_{100}^{(20)} (m_{100}^{(21)})^2 m_{001}^{(11)}
\end{aligned}
$$

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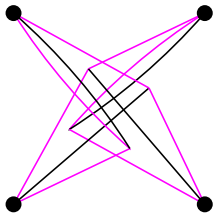
\begin{aligned}
&-m_{100}^{(20)}m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(11)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(20)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{010}^{(21)}\\
&-2m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(10)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(11)} + 2m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(21)}\\
&-m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(11)} - m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(10)} + m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(22)}\\
&-m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{010}^{(22)} + m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(11)} - m_{100}^{(20)}m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(21)}\\
&-2m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{010}^{(22)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(10)} - 2m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(20)}\\
&-m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(00)} - m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(21)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(10)}m_{001}^{(20)}\\
&+3m_{100}^{(20)}(m_{010}^{(20)})^2m_{010}^{(21)} - m_{100}^{(20)}(m_{010}^{(20)})^2m_{001}^{(11)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(10)}\\
&+2m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(11)} + 2m_{100}^{(20)}(m_{010}^{(21)})^2m_{001}^{(00)} - m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(11)}\\
&-m_{100}^{(20)}m_{010}^{(21)}(m_{001}^{(10)})^2 + m_{100}^{(20)}m_{001}^{(00)}(m_{001}^{(11)})^2 - m_{100}^{(20)}(m_{001}^{(10)})^2m_{001}^{(11)} - (m_{100}^{(21)})^4\\
&+(m_{100}^{(21)})^3m_{010}^{(20)} + (m_{100}^{(21)})^3m_{001}^{(10)} - (m_{100}^{(21)})^2m_{100}^{(22)}m_{010}^{(10)} + (m_{100}^{(21)})^2m_{010}^{(00)}m_{010}^{(22)}\\
&-(m_{100}^{(21)})^2m_{010}^{(00)}m_{001}^{(21)} - (m_{100}^{(21)})^2m_{010}^{(10)}m_{001}^{(20)} - 2(m_{100}^{(21)})^2(m_{010}^{(20)})^2\\
&+(m_{100}^{(21)})^2m_{010}^{(20)}m_{001}^{(10)} - (m_{100}^{(21)})^2m_{010}^{(21)}m_{001}^{(00)} + (m_{100}^{(21)})^2m_{001}^{(00)}m_{001}^{(11)}\\
&-2(m_{100}^{(21)})^2(m_{001}^{(10)})^2 + 2m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(20)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(10)}\\
&-m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(22)} - m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{010}^{(22)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(21)}\\
&+2m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(20)} - 3m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(10)} + m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(20)}\\
&-2m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(20)} + m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(00)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(21)}\\
&-2m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(20)} - m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(20)} + m_{100}^{(21)}(m_{010}^{(20)})^3\\
&+m_{100}^{(21)}(m_{010}^{(20)})^2m_{001}^{(10)} - 3m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(11)} + m_{100}^{(21)}m_{010}^{(20)}(m_{001}^{(10)})^2\\
&+2m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(10)} - m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(11)} + m_{100}^{(21)}(m_{001}^{(10)})^3\\
&-(m_{100}^{(22)})^2(m_{010}^{(10)})^2 + 2m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{010}^{(22)} - m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(21)}\\
&-m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(20)} - m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{010}^{(21)} + m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(10)}\\
&+2m_{100}^{(22)}(m_{010}^{(10)})^2m_{001}^{(20)} - m_{100}^{(22)}m_{010}^{(10)}(m_{010}^{(20)})^2 - 3m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(00)}\\
&+m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(11)} - m_{100}^{(22)}m_{010}^{(10)}(m_{001}^{(10)})^2 + 2m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(00)}\\
&+(m_{010}^{(00)})^2m_{010}^{(21)}m_{001}^{(22)} - (m_{010}^{(00)})^2(m_{010}^{(22)})^2 + (m_{010}^{(00)})^2m_{010}^{(22)}m_{001}^{(21)}\\
&-(m_{010}^{(00)})^2(m_{001}^{(21)})^2 - m_{010}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(22)} - m_{010}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(20)}\\
&+2m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{001}^{(21)} - m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(22)} + m_{010}^{(00)}m_{010}^{(11)}(m_{001}^{(20)})^2\\
&+2m_{010}^{(00)}(m_{010}^{(20)})^2m_{010}^{(22)} - m_{010}^{(00)}(m_{010}^{(20)})^2m_{001}^{(21)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(20)}\\
&-m_{010}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(10)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(21)} + 2m_{010}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(00)}\\
&-2m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(21)} - m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(11)} + m_{010}^{(00)}m_{010}^{(22)}(m_{001}^{(10)})^2\\
&+2m_{010}^{(00)}m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(21)} - m_{010}^{(00)}(m_{001}^{(10)})^2m_{001}^{(21)} - m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(20)}\\
&+(m_{010}^{(10)})^2m_{001}^{(00)}m_{001}^{(22)} - 2(m_{010}^{(10)})^2(m_{001}^{(20)})^2 + 3m_{010}^{(10)}(m_{010}^{(20)})^2m_{001}^{(20)}\\
&-m_{010}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(00)} - 2m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(20)} + 2m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(21)} - m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(20)} + 3m_{010}^{(10)}(m_{001}^{(10)})^2m_{001}^{(20)}\\
&+m_{010}^{(11)}(m_{001}^{(00)})^2m_{001}^{(21)} - m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(20)} - (m_{010}^{(20)})^4 + (m_{010}^{(20)})^3m_{001}^{(10)}\\
&-(m_{010}^{(20)})^2m_{010}^{(21)}m_{001}^{(00)} + (m_{010}^{(20)})^2m_{001}^{(00)}m_{001}^{(11)} - 2(m_{010}^{(20)})^2(m_{001}^{(10)})^2\\
&+2m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(10)} - m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(11)} + m_{010}^{(20)}(m_{001}^{(10)})^3\\
&-(m_{010}^{(21)})^2(m_{001}^{(00)})^2 + m_{010}^{(21)}(m_{001}^{(00)})^2m_{001}^{(11)} - m_{010}^{(21)}m_{001}^{(00)}(m_{001}^{(10)})^2\\
&-(m_{001}^{(00)})^2(m_{001}^{(11)})^2 + 2m_{001}^{(00)}(m_{001}^{(10)})^2m_{001}^{(11)} - (m_{001}^{(10)})^4
\end{aligned}
$$

Generating graph:

$V1$	1	$V1$	$V3$
$V2$	$V2$	$V3$	3
2	$V4$	4	$V4$



$$
\begin{aligned}
T_8 \;=\;& 4m_{100}^{(00)}m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(22)} - m_{100}^{(00)}m_{100}^{(11)}(m_{010}^{(22)})^2 - 2m_{100}^{(00)}m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(21)} \\
&+4m_{100}^{(00)}m_{100}^{(11)}m_{001}^{(11)}m_{001}^{(22)} - 5m_{100}^{(00)}m_{100}^{(11)}(m_{001}^{(21)})^2 - 8m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(22)} \\
&+2m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{010}^{(22)} + 6m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(21)} - 2m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(11)} \\
&+2m_{100}^{(00)}m_{100}^{(21)}m_{001}^{(11)}m_{001}^{(21)} + 4m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(22)} + 4m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(21)} \\
&-5m_{100}^{(00)}m_{100}^{(22)}(m_{010}^{(21)})^2 - 2m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(11)} - m_{100}^{(00)}m_{100}^{(22)}(m_{001}^{(11)})^2 \\
&+12m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(22)} - 3m_{100}^{(00)}m_{010}^{(10)}(m_{010}^{(22)})^2 - 6m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(21)} \\
&+4m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(22)} - 7m_{100}^{(00)}m_{010}^{(10)}(m_{001}^{(21)})^2 - 8m_{100}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(22)} \\
&+4m_{100}^{(00)}m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(20)} - 8m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{001}^{(22)} + 12m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{001}^{(21)} \\
&+3m_{100}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{010}^{(22)} + m_{100}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(21)} + m_{100}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(11)} \\
&+3m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(21)} - 7m_{100}^{(00)}(m_{010}^{(21)})^2m_{001}^{(20)} + 3m_{100}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(10)} \\
&+m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(21)} - 6m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{001}^{(20)} + m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{001}^{(11)} \\
&+3m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(21)} - 3m_{100}^{(00)}(m_{001}^{(11)})^2m_{001}^{(20)} - 7(m_{100}^{(10)})^2m_{010}^{(21)}m_{001}^{(22)} \\
&+(m_{100}^{(10)})^2(m_{010}^{(22)})^2 + 5(m_{100}^{(10)})^2m_{010}^{(22)}m_{001}^{(21)} - 5(m_{100}^{(10)})^2m_{001}^{(11)}m_{001}^{(22)} \\
&+6(m_{100}^{(10)})^2(m_{001}^{(21)})^2 + 3m_{100}^{(10)}m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(22)} - 3m_{100}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(21)} \\
&+3m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(22)} - 3m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(20)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(10)}m_{001}^{(22)} \\
&-2m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{001}^{(21)} + 12m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(22)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{010}^{(22)} \\
&-8m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(21)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{001}^{(21)} - 3m_{100}^{(10)}(m_{100}^{(21)})^2m_{010}^{(22)} \\
&-3m_{100}^{(10)}(m_{100}^{(21)})^2m_{001}^{(21)} + 6m_{100}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(21)} + 3m_{100}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(11)} \\
&+m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(22)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{010}^{(22)} - 5m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(21)} \\
&+7m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(20)} + m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(10)} - 6m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(21)} \\
&+4m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{001}^{(20)} - 3m_{100}^{(10)}(m_{100}^{(22)})^2m_{010}^{(11)} - 2m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(22)} \\
&+m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(21)} - 6m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(20)} + 4m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{010}^{(21)} \\
&+m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(10)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{001}^{(11)} - 6m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(22)} \\
&+3m_{100}^{(10)}m_{010}^{(00)}(m_{010}^{(22)})^2 - 2m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(22)} + 5m_{100}^{(10)}m_{010}^{(00)}(m_{001}^{(21)})^2 \\
&+m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(22)} + m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(20)} + 6m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(22)} \\
&-8m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{001}^{(21)} + 4m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(22)} - 7m_{100}^{(10)}m_{010}^{(11)}(m_{001}^{(20)})^2 \\
&-3m_{100}^{(10)}(m_{010}^{(20)})^2m_{010}^{(22)} + 2m_{100}^{(10)}(m_{010}^{(20)})^2m_{001}^{(21)} + 7m_{100}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(20)} \\
&-2m_{100}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(10)} - 5m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(21)} + m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(20)}
\end{aligned}
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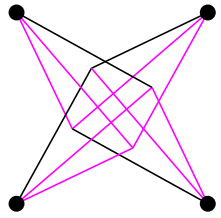
\begin{aligned}
&-3m_{100}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(00)}+m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(21)}+7m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(20)}\\
&+m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(11)}-3m_{100}^{(10)}m_{010}^{(22)}(m_{001}^{(10)})^2-3m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(21)}\\
&-3m_{100}^{(10)}(m_{001}^{(10)})^2m_{001}^{(21)}+6m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(20)}-3(m_{100}^{(11)})^2m_{100}^{(20)}m_{001}^{(22)}\\
&+3(m_{100}^{(11)})^2m_{100}^{(22)}m_{001}^{(20)}-(m_{100}^{(11)})^2m_{001}^{(00)}m_{001}^{(22)}+(m_{100}^{(11)})^2(m_{001}^{(20)})^2\\
&+3m_{100}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(22)}+6m_{100}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(21)}-3m_{100}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(21)}\\
&-6m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(22)}+2m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{010}^{(22)}+m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(21)}\\
&+m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(20)}+4m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(21)}-2m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{001}^{(20)}\\
&-3m_{100}^{(11)}(m_{100}^{(21)})^2m_{001}^{(20)}-3m_{100}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(20)}-3m_{100}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(10)}\\
&+m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(22)}-2m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(20)}+m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(00)}\\
&+2m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(21)}-2m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(20)}+3m_{100}^{(11)}(m_{100}^{(22)})^2m_{010}^{(10)}\\
&-2m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(22)}+m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(21)}+m_{100}^{(11)}m_{100}^{(22)}(m_{010}^{(20)})^2\\
&+m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(00)}-2m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(11)}+m_{100}^{(11)}m_{100}^{(22)}(m_{001}^{(10)})^2\\
&+m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(22)}+m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(20)}-2m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(22)}\\
&-2m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(22)}+5m_{100}^{(11)}m_{010}^{(10)}(m_{001}^{(20)})^2-3m_{100}^{(11)}(m_{010}^{(20)})^2m_{001}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(00)}+m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(20)}-3m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(10)}+3m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(21)}-3m_{100}^{(11)}(m_{001}^{(10)})^2m_{001}^{(20)}\\
&-5(m_{100}^{(20)})^2m_{010}^{(11)}m_{010}^{(22)}-7(m_{100}^{(20)})^2m_{010}^{(11)}m_{001}^{(21)}+6(m_{100}^{(20)})^2(m_{010}^{(21)})^2\\
&+5(m_{100}^{(20)})^2m_{010}^{(21)}m_{001}^{(11)}+(m_{100}^{(20)})^2(m_{001}^{(11)})^2-3m_{100}^{(20)}(m_{100}^{(21)})^2m_{010}^{(21)}\\
&-3m_{100}^{(20)}(m_{100}^{(21)})^2m_{001}^{(11)}+3m_{100}^{(20)}m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(11)}+4m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(22)}\\
&+7m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(21)}+m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(20)}-6m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{010}^{(21)}\\
&+m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(11)}-5m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(10)}-2m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(11)}\\
&-2m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(21)}-3m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(11)}+2m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(20)}\\
&+3m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(10)}+4m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(22)}-3m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{010}^{(22)}\\
&+m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(21)}+m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(11)}-3m_{100}^{(20)}m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(21)}\\
&-7m_{100}^{(20)}(m_{010}^{(10)})^2m_{001}^{(22)}+6m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{010}^{(22)}+7m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(21)}\\
&-8m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(20)}+m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(10)}+7m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(20)}+6m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(20)}-2m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(00)}\\
&-6m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(21)}+m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{001}^{(20)}-3m_{100}^{(20)}(m_{010}^{(20)})^2m_{010}^{(21)}\\
&-3m_{100}^{(20)}(m_{010}^{(20)})^2m_{001}^{(11)}-5m_{100}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(10)}-2m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(11)}\\
&+5m_{100}^{(20)}(m_{010}^{(21)})^2m_{001}^{(00)}+2m_{100}^{(20)}m_{010}^{(21)}(m_{001}^{(10)})^2+3m_{100}^{(20)}m_{001}^{(00)}(m_{001}^{(11)})^2\\
&-3m_{100}^{(20)}(m_{001}^{(10)})^2m_{001}^{(11)}+3(m_{100}^{(21)})^3m_{010}^{(20)}+3(m_{100}^{(21)})^3m_{001}^{(10)}\\
&-3(m_{100}^{(21)})^2m_{100}^{(22)}m_{010}^{(10)}+(m_{100}^{(21)})^2m_{010}^{(00)}m_{010}^{(22)}-3(m_{100}^{(21)})^2m_{010}^{(00)}m_{001}^{(21)}\\
&+2(m_{100}^{(21)})^2m_{010}^{(10)}m_{001}^{(20)}+2(m_{100}^{(21)})^2m_{010}^{(20)}m_{001}^{(10)}-3(m_{100}^{(21)})^2m_{010}^{(21)}m_{001}^{(00)}\\
&+(m_{100}^{(21)})^2m_{001}^{(00)}m_{001}^{(11)}+2m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(21)}+m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(11)}\\
&-2m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(20)}-2m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(10)}+m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(00)}\\
&+3m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(22)}-3m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{010}^{(22)}-2m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(20)}+m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(21)}-5m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(21)}-5m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(20)}+3m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(20)}
\end{aligned}
$$

$$
\begin{aligned}
&+3m_{100}^{(21)}(m_{010}^{(20)})^3 + 2m_{100}^{(21)}(m_{010}^{(20)})^2 m_{001}^{(10)} + m_{100}^{(21)} m_{010}^{(20)} m_{010}^{(21)} m_{001}^{(00)} \\
&+2m_{100}^{(21)} m_{010}^{(20)} (m_{001}^{(10)})^2 - 2m_{100}^{(21)} m_{010}^{(21)} m_{001}^{(00)} m_{001}^{(10)} - 3m_{100}^{(21)} m_{001}^{(00)} m_{001}^{(10)} m_{001}^{(11)} \\
&+3m_{100}^{(21)}(m_{001}^{(10)})^3 - (m_{100}^{(22)})^2 m_{010}^{(00)} m_{010}^{(11)} + (m_{100}^{(22)})^2 (m_{010}^{(10)})^2 \\
&-3m_{100}^{(22)} m_{010}^{(00)} m_{010}^{(10)} m_{001}^{(21)} - 2m_{100}^{(22)} m_{010}^{(00)} m_{010}^{(11)} m_{001}^{(20)} + 3m_{100}^{(22)} m_{010}^{(00)} m_{010}^{(20)} m_{010}^{(21)} \\
&+m_{100}^{(22)} m_{010}^{(00)} m_{010}^{(20)} m_{001}^{(11)} + m_{100}^{(22)} m_{010}^{(00)} m_{001}^{(10)} m_{001}^{(11)} + 5m_{100}^{(22)} (m_{010}^{(10)})^2 m_{001}^{(20)} \\
&-3m_{100}^{(22)} m_{010}^{(10)} (m_{010}^{(20)})^2 + m_{100}^{(22)} m_{010}^{(10)} m_{010}^{(20)} m_{001}^{(10)} + m_{100}^{(22)} m_{010}^{(10)} m_{001}^{(00)} m_{001}^{(11)} \\
&-3m_{100}^{(22)} m_{010}^{(10)} (m_{001}^{(10)})^2 - 2m_{100}^{(22)} m_{010}^{(11)} m_{010}^{(20)} m_{001}^{(00)} + m_{100}^{(22)} m_{010}^{(11)} m_{001}^{(00)} m_{001}^{(10)} \\
&-3(m_{010}^{(00)})^2 m_{010}^{(21)} m_{001}^{(22)} + 3(m_{010}^{(00)})^2 m_{010}^{(22)} m_{001}^{(21)} - (m_{010}^{(00)})^2 m_{001}^{(11)} m_{001}^{(22)} \\
&+(m_{010}^{(00)})^2 (m_{001}^{(21)})^2 + 3m_{010}^{(00)} m_{010}^{(10)} m_{010}^{(20)} m_{001}^{(22)} - 3m_{010}^{(00)} m_{010}^{(10)} m_{010}^{(22)} m_{001}^{(20)} \\
&+2m_{010}^{(00)} m_{010}^{(10)} m_{001}^{(10)} m_{001}^{(22)} - 2m_{010}^{(00)} m_{010}^{(10)} m_{001}^{(20)} m_{001}^{(21)} + 4m_{010}^{(00)} m_{010}^{(11)} m_{001}^{(00)} m_{001}^{(22)} \\
&-5m_{010}^{(00)} m_{010}^{(11)} (m_{001}^{(20)})^2 - 3m_{010}^{(00)} (m_{010}^{(20)})^2 m_{001}^{(21)} + 6m_{010}^{(00)} m_{010}^{(20)} m_{010}^{(21)} m_{001}^{(20)} \\
&-3m_{010}^{(00)} m_{010}^{(20)} m_{010}^{(22)} m_{001}^{(10)} - 2m_{010}^{(00)} m_{010}^{(20)} m_{001}^{(10)} m_{001}^{(21)} + 2m_{010}^{(00)} m_{010}^{(20)} m_{001}^{(11)} m_{001}^{(20)} \\
&-2m_{010}^{(00)} m_{010}^{(21)} m_{001}^{(00)} m_{001}^{(21)} + 4m_{010}^{(00)} m_{010}^{(21)} m_{001}^{(10)} m_{001}^{(20)} - 2m_{010}^{(00)} m_{010}^{(22)} m_{001}^{(00)} m_{001}^{(11)} \\
&+m_{010}^{(00)} m_{010}^{(22)} (m_{001}^{(10)})^2 - 3m_{010}^{(00)} (m_{001}^{(10)})^2 m_{001}^{(21)} + 3m_{010}^{(00)} m_{001}^{(10)} m_{001}^{(11)} m_{001}^{(20)} \\
&-5(m_{010}^{(10)})^2 m_{001}^{(00)} m_{001}^{(22)} + 6(m_{010}^{(10)})^2 (m_{001}^{(20)})^2 - 3m_{010}^{(10)} (m_{010}^{(20)})^2 m_{001}^{(20)} \\
&+3m_{010}^{(10)} m_{010}^{(20)} m_{010}^{(22)} m_{001}^{(00)} + 4m_{010}^{(10)} m_{010}^{(20)} m_{001}^{(00)} m_{001}^{(21)} - 6m_{010}^{(10)} m_{010}^{(20)} m_{001}^{(10)} m_{001}^{(20)} \\
&-2m_{010}^{(10)} m_{010}^{(21)} m_{001}^{(00)} m_{001}^{(20)} + 2m_{010}^{(10)} m_{010}^{(22)} m_{001}^{(00)} m_{001}^{(10)} + 6m_{010}^{(10)} m_{001}^{(00)} m_{001}^{(10)} m_{001}^{(21)} \\
&-3m_{010}^{(10)} m_{001}^{(00)} m_{001}^{(11)} m_{001}^{(20)} - 3m_{010}^{(10)} (m_{001}^{(10)})^2 m_{001}^{(20)} + 2m_{010}^{(11)} m_{010}^{(20)} m_{001}^{(00)} m_{001}^{(20)} \\
&-m_{010}^{(11)} m_{010}^{(22)} (m_{001}^{(00)})^2 - 3m_{010}^{(11)} (m_{001}^{(00)})^2 m_{001}^{(21)} + 3m_{010}^{(11)} m_{001}^{(00)} m_{001}^{(10)} m_{001}^{(20)} \\
&+3(m_{010}^{(20)})^3 m_{001}^{(10)} - 3(m_{010}^{(20)})^2 m_{010}^{(21)} m_{001}^{(00)} + (m_{010}^{(20)})^2 m_{001}^{(00)} m_{001}^{(11)} \\
&-2m_{010}^{(20)} m_{010}^{(21)} m_{001}^{(00)} m_{001}^{(10)} - 3m_{010}^{(20)} m_{001}^{(00)} m_{001}^{(10)} m_{001}^{(11)} + 3m_{010}^{(20)} (m_{001}^{(10)})^3 \\
&+(m_{010}^{(21)})^2 (m_{001}^{(00)})^2 + 3m_{010}^{(21)} (m_{001}^{(00)})^2 m_{001}^{(11)} - 3m_{010}^{(21)} m_{001}^{(00)} (m_{001}^{(10)})^2
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & V1 & 1 & V2 \\
V2 & 2 & 3 & V3 \\
V3 & V4 & V4 & 4
\end{array}
$$



$$
T_9 \;=\; 2m_{100}^{(00)} m_{100}^{(11)} m_{010}^{(21)} m_{001}^{(22)} - m_{100}^{(00)} m_{100}^{(11)} (m_{010}^{(22)})^2 - 2m_{100}^{(00)} m_{100}^{(11)} m_{001}^{(11)} m_{001}^{(22)}
$$

$$
\begin{aligned}
&+m_{100}^{(00)}m_{100}^{(11)}(m_{001}^{(21)})^2+2m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{010}^{(22)}-6m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(21)}\\
&+2m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(11)}+2m_{100}^{(00)}m_{100}^{(21)}m_{001}^{(11)}m_{001}^{(21)}-2m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(22)}\\
&+2m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(21)}+m_{100}^{(00)}m_{100}^{(22)}(m_{010}^{(21)})^2-m_{100}^{(00)}m_{100}^{(22)}(m_{001}^{(11)})^2\\
&-2m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(22)}+3m_{100}^{(00)}m_{010}^{(10)}(m_{010}^{(22)})^2-4m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(21)}\\
&+2m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(22)}+m_{100}^{(00)}m_{010}^{(10)}(m_{001}^{(21)})^2+2m_{100}^{(00)}m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(20)}\\
&-2m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{001}^{(21)}-3m_{100}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{010}^{(22)}+5m_{100}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(21)}\\
&+m_{100}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(11)}-3m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(21)}+m_{100}^{(00)}(m_{010}^{(21)})^2m_{001}^{(20)}\\
&-3m_{100}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(10)}+5m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(21)}-4m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{001}^{(20)}\\
&+m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{001}^{(11)}-3m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(21)}+3m_{100}^{(00)}(m_{001}^{(11)})^2m_{001}^{(20)}\\
&+(m_{100}^{(10)})^2m_{010}^{(21)}m_{001}^{(22)}+(m_{100}^{(10)})^2(m_{010}^{(22)})^2-3(m_{100}^{(10)})^2m_{010}^{(22)}m_{001}^{(21)}\\
&+(m_{100}^{(10)})^2m_{001}^{(11)}m_{001}^{(22)}-3m_{100}^{(10)}m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(22)}+3m_{100}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(21)}\\
&-3m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(22)}+3m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(20)}+2m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(10)}m_{001}^{(22)}\\
&-2m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{001}^{(21)}-2m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(22)}-2m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{010}^{(22)}\\
&+4m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(21)}+2m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(11)}-2m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{001}^{(21)}\\
&+3m_{100}^{(10)}(m_{100}^{(21)})^2m_{010}^{(22)}+3m_{100}^{(10)}(m_{100}^{(21)})^2m_{001}^{(21)}-6m_{100}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(21)}\\
&-3m_{100}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(11)}+5m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(22)}-2m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{010}^{(22)}\\
&+3m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(21)}-m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(20)}-3m_{100}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{001}\\
&-6m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(21)}+4m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{001}^{(20)}+3m_{100}^{(10)}(m_{100}^{(22)})^2m_{010}^{(11)}\\
&-2m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(22)}-3m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(21)}-4m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(20)}\\
&+4m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{010}^{(21)}-2m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(11)}+5m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(10)}\\
&+2m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{001}^{(11)}-4m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(22)}-3m_{100}^{(10)}m_{010}^{(00)}(m_{010}^{(22)})^2\\
&+10m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(21)}-3m_{100}^{(10)}m_{010}^{(00)}(m_{001}^{(21)})^2+5m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(22)}\\
&-3m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(20)}-6m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(22)}+4m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{001}^{(21)}\\
&+2m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(22)}+m_{100}^{(10)}m_{010}^{(11)}(m_{001}^{(20)})^2+3m_{100}^{(10)}(m_{010}^{(20)})^2m_{010}^{(22)}\\
&-8m_{100}^{(10)}(m_{010}^{(20)})^2m_{001}^{(21)}-m_{100}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(20)}-2m_{100}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(10)}\\
&+3m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(21)}+5m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(20)}+3m_{100}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(00)}\\
&-3m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(21)}-m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(20)}-5m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(11)}\\
&+3m_{100}^{(10)}m_{010}^{(22)}(m_{001}^{(10)})^2+3m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(21)}+3m_{100}^{(10)}(m_{001}^{(10)})^2m_{001}^{(21)}\\
&-6m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(20)}+3(m_{100}^{(11)})^2m_{100}^{(20)}m_{001}^{(22)}-3(m_{100}^{(11)})^2m_{100}^{(22)}m_{001}^{(20)}\\
&-(m_{100}^{(11)})^2m_{001}^{(00)}m_{001}^{(22)}+(m_{100}^{(11)})^2(m_{001}^{(20)})^2-3m_{100}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(22)}\\
&-6m_{100}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(21)}+3m_{100}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(21)}-4m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(22)}\\
&+2m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{010}^{(22)}+5m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(21)}-3m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(20)}\\
&-2m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(10)}+4m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(21)}-2m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{001}^{(20)}\\
&+3m_{100}^{(11)}(m_{100}^{(21)})^2m_{001}^{(20)}+3m_{100}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(20)}+3m_{100}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(10)}\\
&+m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(22)}-2m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(20)}+m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(00)}\\
&+2m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(21)}-2m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(20)}-3m_{100}^{(11)}(m_{100}^{(22)})^2m_{010}^{(10)}\\
&+4m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(22)}-5m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(21)}+10m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(20)}\\
&-5m_{100}^{(11)}m_{100}^{(22)}(m_{010}^{(20)})^2+2m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(10)}-5m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(00)}
\end{aligned}
$$

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\begin{aligned}
&+4m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(11)} - 5m_{100}^{(11)}m_{100}^{(22)}(m_{001}^{(10)})^2 + m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(22)}\\
&-5m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(20)} + 2m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(22)} + 2m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{001}^{(21)}\\
&-3m_{100}^{(11)}m_{010}^{(10)}(m_{001}^{(20)})^2 + 3m_{100}^{(11)}(m_{010}^{(20)})^2m_{001}^{(20)} + m_{100}^{(11)}m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(00)}\\
&-2m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(21)} - 3m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(20)} + 3m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(10)} - 3m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(21)} + 3m_{100}^{(11)}(m_{001}^{(10)})^2m_{001}^{(20)}\\
&+(m_{100}^{(20)})^2m_{010}^{(11)}m_{010}^{(22)} + (m_{100}^{(20)})^2m_{010}^{(11)}m_{001}^{(21)} - 3(m_{100}^{(20)})^2m_{010}^{(21)}m_{001}^{(11)}\\
&+(m_{100}^{(20)})^2(m_{001}^{(11)})^2 + 3m_{100}^{(20)}(m_{100}^{(21)})^2m_{010}^{(21)} + 3m_{100}^{(20)}(m_{100}^{(21)})^2m_{001}^{(11)}\\
&-3m_{100}^{(20)}m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(11)} + 4m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(22)} - m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(21)}\\
&+5m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{010}^{(20)} - 6m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{010}^{(21)} - 3m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(11)}\\
&+3m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(10)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(11)} - 2m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(21)}\\
&+3m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(11)} + 2m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(20)} - 3m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(10)}\\
&+2m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(22)} + 3m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{010}^{(22)} - 3m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(21)}\\
&-5m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(11)} + 3m_{100}^{(20)}m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(21)} + m_{100}^{(20)}(m_{010}^{(10)})^2m_{001}^{(22)}\\
&-6m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{010}^{(22)} - m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(21)} + 4m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(20)}\\
&+5m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(10)} - m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(21)} - 3m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(20)}\\
&-6m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(20)} - 4m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(21)} + 5m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{001}^{(20)}\\
&+3m_{100}^{(20)}(m_{010}^{(20)})^2m_{010}^{(21)} + 3m_{100}^{(20)}(m_{010}^{(20)})^2m_{001}^{(11)} + 3m_{100}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(10)}\\
&-2m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(11)} - 3m_{100}^{(20)}(m_{010}^{(21)})^2m_{001}^{(00)} + 10m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(11)}\\
&-8m_{100}^{(20)}m_{010}^{(21)}(m_{001}^{(10)})^2 - 3m_{100}^{(20)}m_{001}^{(00)}(m_{001}^{(11)})^2 + 3m_{100}^{(20)}(m_{001}^{(10)})^2m_{001}^{(11)}\\
&-3(m_{100}^{(21)})^3m_{010}^{(20)} - 3(m_{100}^{(21)})^3m_{001}^{(10)} + 3(m_{100}^{(21)})^2m_{100}^{(22)}m_{010}^{(10)}\\
&-5(m_{100}^{(21)})^2m_{010}^{(00)}m_{010}^{(22)} + 3(m_{100}^{(21)})^2m_{010}^{(00)}m_{001}^{(21)} - 8(m_{100}^{(21)})^2m_{010}^{(10)}m_{001}^{(20)}\\
&+6(m_{100}^{(21)})^2(m_{010}^{(20)})^2 + 3(m_{100}^{(21)})^2m_{010}^{(21)}m_{001}^{(00)} - 5(m_{100}^{(21)})^2m_{001}^{(00)}m_{001}^{(11)}\\
&+6(m_{100}^{(21)})^2(m_{001}^{(10)})^2 + 2m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(21)} + m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(11)}\\
&-2m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(20)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(10)} + m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(00)}\\
&-3m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(22)} + 3m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{010}^{(22)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(21)}\\
&+5m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(20)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(10)} - 3m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(21)}\\
&-2m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(20)} + 3m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(20)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(00)}\\
&+5m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(21)} + 3m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(20)} - 3m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(20)}\\
&-3m_{100}^{(21)}(m_{010}^{(20)})^3 - 3m_{100}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(00)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(11)}\\
&-2m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(10)} + 3m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(11)} - 3m_{100}^{(21)}(m_{001}^{(10)})^3\\
&-(m_{100}^{(22)})^2m_{010}^{(00)}m_{010}^{(11)} + (m_{100}^{(22)})^2(m_{010}^{(10)})^2 + 3m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(21)}\\
&-3m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{010}^{(21)} + m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(11)} - 2m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(11)} - 3m_{100}^{(22)}(m_{010}^{(10)})^2m_{001}^{(20)} + 3m_{100}^{(22)}m_{010}^{(10)}(m_{010}^{(20)})^2\\
&-3m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(10)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(00)} - 5m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(11)}\\
&+3m_{100}^{(22)}m_{010}^{(10)}(m_{001}^{(10)})^2 + 2m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(00)} + m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(10)}\\
&+3(m_{010}^{(00)})^2m_{010}^{(21)}m_{001}^{(22)} - 3(m_{010}^{(00)})^2m_{010}^{(22)}m_{001}^{(21)} - (m_{010}^{(00)})^2m_{001}^{(11)}m_{001}^{(22)}\\
&+(m_{010}^{(00)})^2(m_{001}^{(21)})^2 - 3m_{010}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(22)} + 3m_{010}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(20)}\\
&+2m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(22)} - 2m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{001}^{(21)} - 2m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(22)}
\end{aligned}
$$

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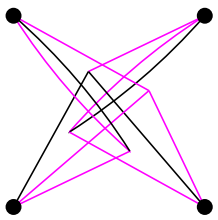
\begin{aligned}
&+m_{010}^{(00)}m_{010}^{(11)}(m_{001}^{(20)})^2+3m_{010}^{(00)}(m_{010}^{(20)})^2m_{001}^{(21)}-6m_{010}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(20)}\\
&+3m_{010}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(10)}-2m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(21)}+2m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(20)}\\
&-2m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(21)}+4m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(20)}+4m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(11)}\\
&-5m_{010}^{(00)}m_{010}^{(22)}(m_{001}^{(10)})^2+3m_{010}^{(00)}(m_{001}^{(10)})^2m_{001}^{(21)}-3m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(20)}\\
&+(m_{010}^{(10)})^2m_{001}^{(00)}m_{001}^{(22)}+3m_{010}^{(10)}(m_{010}^{(20)})^2m_{001}^{(20)}-3m_{010}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(00)}\\
&+4m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(21)}-6m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(20)}-2m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(20)}\\
&+2m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(10)}-6m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(21)}+3m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(20)}\\
&+3m_{010}^{(10)}(m_{001}^{(10)})^2m_{001}^{(20)}+2m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(20)}-m_{010}^{(11)}m_{010}^{(22)}(m_{001}^{(00)})^2\\
&+3m_{010}^{(11)}(m_{001}^{(00)})^2m_{001}^{(21)}-3m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(20)}-3(m_{010}^{(20)})^3m_{001}^{(10)}\\
&+3(m_{010}^{(20)})^2m_{010}^{(21)}m_{001}^{(00)}-5(m_{010}^{(20)})^2m_{001}^{(00)}m_{001}^{(11)}+6(m_{010}^{(20)})^2(m_{001}^{(10)})^2\\
&-2m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(10)}+3m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(11)}-3m_{010}^{(20)}(m_{001}^{(10)})^3\\
&+(m_{010}^{(21)})^2(m_{001}^{(00)})^2-3m_{010}^{(21)}(m_{001}^{(00)})^2m_{001}^{(11)}+3m_{010}^{(21)}m_{001}^{(00)}(m_{001}^{(10)})^2
\end{aligned}
$$

Generating graph:

$V1$	$V1$	1	$V3$
$V2$	$V2$	$V3$	3
2	$V4$	4	$V4$



$$
\begin{aligned}
T_{10} \;=\;& -2m_{100}^{(00)}m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(22)}-m_{100}^{(00)}m_{100}^{(11)}(m_{010}^{(22)})^2+4m_{100}^{(00)}m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(21)}\\
&+2m_{100}^{(00)}m_{100}^{(11)}m_{001}^{(11)}m_{001}^{(22)}-3m_{100}^{(00)}m_{100}^{(11)}(m_{001}^{(21)})^2+2m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{010}^{(22)}\\
&+2m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(21)}-6m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(11)}+2m_{100}^{(00)}m_{100}^{(21)}m_{001}^{(11)}m_{001}^{(21)}\\
&+2m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(22)}-2m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(21)}-3m_{100}^{(00)}m_{100}^{(22)}(m_{010}^{(21)})^2\\
&+4m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(11)}-m_{100}^{(00)}m_{100}^{(22)}(m_{001}^{(11)})^2+2m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(22)}\\
&-m_{100}^{(00)}m_{010}^{(10)}(m_{010}^{(22)})^2-2m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(22)}+m_{100}^{(00)}m_{010}^{(10)}(m_{001}^{(21)})^2\\
&-2m_{100}^{(00)}m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(20)}+2m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{001}^{(21)}+m_{100}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{010}^{(22)}\\
&-3m_{100}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(21)}+m_{100}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(11)}+m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(21)}\\
&+m_{100}^{(00)}(m_{010}^{(21)})^2m_{001}^{(20)}+m_{100}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(10)}-3m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(21)}\\
&+m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{001}^{(11)}+m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(21)}-m_{100}^{(00)}(m_{001}^{(11)})^2m_{001}^{(20)}\\
&+(m_{100}^{(10)})^2m_{010}^{(21)}m_{001}^{(22)}+(m_{100}^{(10)})^2(m_{010}^{(22)})^2-3(m_{100}^{(10)})^2m_{010}^{(22)}m_{001}^{(21)}
\end{aligned}
$$

$$
\begin{aligned}
&-3(m_{100}^{(10)})^2 m_{001}^{(11)} m_{001}^{(22)} + 4(m_{100}^{(10)})^2 (m_{001}^{(21)})^2 + m_{100}^{(10)} m_{100}^{(11)} m_{100}^{(21)} m_{001}^{(22)} \\
&-m_{100}^{(10)} m_{100}^{(11)} m_{100}^{(22)} m_{001}^{(21)} + m_{100}^{(10)} m_{100}^{(11)} m_{010}^{(20)} m_{001}^{(22)} - m_{100}^{(10)} m_{100}^{(11)} m_{010}^{(22)} m_{001}^{(20)} \\
&+2m_{100}^{(10)} m_{100}^{(11)} m_{001}^{(10)} m_{001}^{(22)} - 2m_{100}^{(10)} m_{100}^{(11)} m_{001}^{(20)} m_{001}^{(21)} + 2m_{100}^{(10)} m_{100}^{(20)} m_{010}^{(11)} m_{001}^{(22)} \\
&-2m_{100}^{(10)} m_{100}^{(20)} m_{010}^{(21)} m_{010}^{(22)} - 4m_{100}^{(10)} m_{100}^{(20)} m_{010}^{(21)} m_{001}^{(21)} + 6m_{100}^{(10)} m_{100}^{(20)} m_{010}^{(22)} m_{001}^{(11)} \\
&-2m_{100}^{(10)} m_{100}^{(20)} m_{001}^{(11)} m_{001}^{(21)} - m_{100}^{(10)} (m_{100}^{(21)})^2 m_{010}^{(22)} - m_{100}^{(10)} (m_{100}^{(21)})^2 m_{001}^{(21)} \\
&+2m_{100}^{(10)} m_{100}^{(21)} m_{100}^{(22)} m_{010}^{(21)} + m_{100}^{(10)} m_{100}^{(21)} m_{100}^{(22)} m_{001}^{(11)} - 3m_{100}^{(10)} m_{100}^{(21)} m_{010}^{(10)} m_{001}^{(22)} \\
&-2m_{100}^{(10)} m_{100}^{(21)} m_{010}^{(20)} m_{010}^{(22)} + 3m_{100}^{(10)} m_{100}^{(21)} m_{010}^{(20)} m_{001}^{(21)} - m_{100}^{(10)} m_{100}^{(21)} m_{010}^{(21)} m_{001}^{(20)} \\
&+5m_{100}^{(10)} m_{100}^{(21)} m_{010}^{(22)} m_{001}^{(10)} - 6m_{100}^{(10)} m_{100}^{(21)} m_{001}^{(10)} m_{001}^{(21)} + 4m_{100}^{(10)} m_{100}^{(21)} m_{001}^{(11)} m_{001}^{(20)} \\
&-m_{100}^{(10)} (m_{100}^{(22)})^2 m_{010}^{(11)} - 2m_{100}^{(10)} m_{100}^{(22)} m_{010}^{(10)} m_{010}^{(22)} + 5m_{100}^{(10)} m_{100}^{(22)} m_{010}^{(10)} m_{001}^{(21)} \\
&+4m_{100}^{(10)} m_{100}^{(22)} m_{010}^{(20)} m_{010}^{(21)} - 6m_{100}^{(10)} m_{100}^{(22)} m_{010}^{(20)} m_{001}^{(11)} - 3m_{100}^{(10)} m_{100}^{(22)} m_{010}^{(21)} m_{001}^{(10)} \\
&+2m_{100}^{(10)} m_{100}^{(22)} m_{001}^{(10)} m_{001}^{(11)} + m_{100}^{(10)} m_{010}^{(00)} (m_{010}^{(22)})^2 - 2m_{100}^{(10)} m_{010}^{(00)} m_{010}^{(22)} m_{001}^{(21)} \\
&+4m_{100}^{(10)} m_{010}^{(00)} m_{001}^{(11)} m_{001}^{(22)} - 3m_{100}^{(10)} m_{010}^{(00)} (m_{001}^{(21)})^2 - 3m_{100}^{(10)} m_{010}^{(10)} m_{010}^{(20)} m_{001}^{(22)} \\
&+5m_{100}^{(10)} m_{010}^{(10)} m_{010}^{(22)} m_{001}^{(20)} + 2m_{100}^{(10)} m_{010}^{(10)} m_{001}^{(10)} m_{001}^{(22)} - 4m_{100}^{(10)} m_{010}^{(10)} m_{001}^{(20)} m_{001}^{(21)} \\
&-2m_{100}^{(10)} m_{010}^{(11)} m_{001}^{(00)} m_{001}^{(22)} + m_{100}^{(10)} m_{010}^{(11)} (m_{001}^{(20)})^2 - m_{100}^{(10)} (m_{010}^{(20)})^2 m_{001}^{(22)} \\
&+4m_{100}^{(10)} (m_{010}^{(20)})^2 m_{001}^{(21)} - m_{100}^{(10)} m_{010}^{(20)} m_{010}^{(21)} m_{001}^{(20)} - 2m_{100}^{(10)} m_{010}^{(20)} m_{010}^{(22)} m_{001}^{(10)} \\
&+3m_{100}^{(10)} m_{010}^{(20)} m_{001}^{(10)} m_{001}^{(21)} - 3m_{100}^{(10)} m_{010}^{(20)} m_{001}^{(11)} m_{001}^{(20)} - m_{100}^{(10)} m_{010}^{(21)} m_{010}^{(22)} m_{001}^{(00)} \\
&+5m_{100}^{(10)} m_{010}^{(21)} m_{001}^{(00)} m_{001}^{(21)} - m_{100}^{(10)} m_{010}^{(21)} m_{001}^{(10)} m_{001}^{(20)} - m_{100}^{(10)} m_{010}^{(22)} m_{001}^{(00)} m_{001}^{(11)} \\
&-m_{100}^{(10)} m_{010}^{(22)} (m_{001}^{(10)})^2 - m_{100}^{(10)} m_{001}^{(00)} m_{001}^{(11)} m_{001}^{(21)} - m_{100}^{(10)} (m_{001}^{(10)})^2 m_{001}^{(21)} \\
&+2m_{100}^{(10)} m_{001}^{(10)} m_{001}^{(11)} m_{001}^{(20)} - (m_{100}^{(11)})^2 m_{100}^{(20)} m_{001}^{(22)} + (m_{100}^{(11)})^2 m_{100}^{(22)} m_{001}^{(20)} \\
&-(m_{100}^{(11)})^2 m_{001}^{(00)} m_{001}^{(22)} + (m_{100}^{(11)})^2 (m_{001}^{(20)})^2 + m_{100}^{(11)} m_{100}^{(20)} m_{100}^{(21)} m_{010}^{(22)} \\
&+2m_{100}^{(11)} m_{100}^{(20)} m_{100}^{(21)} m_{001}^{(21)} - m_{100}^{(11)} m_{100}^{(20)} m_{100}^{(22)} m_{010}^{(21)} + 2m_{100}^{(11)} m_{100}^{(20)} m_{010}^{(20)} m_{010}^{(22)} \\
&-3m_{100}^{(11)} m_{100}^{(20)} m_{010}^{(20)} m_{001}^{(21)} + 5m_{100}^{(11)} m_{100}^{(20)} m_{010}^{(21)} m_{001}^{(20)} - 6m_{100}^{(11)} m_{100}^{(20)} m_{010}^{(22)} m_{001}^{(10)} \\
&+4m_{100}^{(11)} m_{100}^{(20)} m_{001}^{(10)} m_{001}^{(21)} - 2m_{100}^{(11)} m_{100}^{(20)} m_{001}^{(11)} m_{001}^{(20)} - m_{100}^{(11)} (m_{100}^{(21)})^2 m_{001}^{(20)} \\
&-m_{100}^{(11)} m_{100}^{(21)} m_{100}^{(22)} m_{010}^{(20)} - m_{100}^{(11)} m_{100}^{(21)} m_{100}^{(22)} m_{001}^{(10)} + m_{100}^{(11)} m_{100}^{(21)} m_{010}^{(00)} m_{001}^{(22)} \\
&-2m_{100}^{(11)} m_{100}^{(21)} m_{010}^{(20)} m_{001}^{(20)} + m_{100}^{(11)} m_{100}^{(21)} m_{010}^{(22)} m_{001}^{(00)} + 2m_{100}^{(11)} m_{100}^{(21)} m_{001}^{(00)} m_{001}^{(21)} \\
&-2m_{100}^{(11)} m_{100}^{(21)} m_{001}^{(10)} m_{001}^{(20)} + m_{100}^{(11)} (m_{100}^{(22)})^2 m_{010}^{(10)} - m_{100}^{(11)} m_{100}^{(22)} m_{010}^{(00)} m_{001}^{(21)} \\
&-2m_{100}^{(11)} m_{100}^{(22)} m_{010}^{(10)} m_{001}^{(20)} - m_{100}^{(11)} m_{100}^{(22)} (m_{010}^{(20)})^2 + 6m_{100}^{(11)} m_{100}^{(22)} m_{010}^{(20)} m_{001}^{(10)} \\
&-m_{100}^{(11)} m_{100}^{(22)} m_{010}^{(21)} m_{001}^{(00)} - m_{100}^{(11)} m_{100}^{(22)} (m_{001}^{(10)})^2 + m_{100}^{(11)} m_{010}^{(00)} m_{010}^{(20)} m_{001}^{(22)} \\
&-m_{100}^{(11)} m_{010}^{(00)} m_{010}^{(22)} m_{001}^{(20)} - 6m_{100}^{(11)} m_{010}^{(00)} m_{001}^{(10)} m_{001}^{(22)} + 6m_{100}^{(11)} m_{010}^{(00)} m_{001}^{(20)} m_{001}^{(21)} \\
&+4m_{100}^{(11)} m_{010}^{(10)} m_{001}^{(00)} m_{001}^{(22)} - 3m_{100}^{(11)} m_{010}^{(10)} (m_{001}^{(20)})^2 - m_{100}^{(11)} (m_{010}^{(20)})^2 m_{001}^{(20)} \\
&+m_{100}^{(11)} m_{010}^{(20)} m_{010}^{(22)} m_{001}^{(00)} - 6m_{100}^{(11)} m_{010}^{(20)} m_{001}^{(00)} m_{001}^{(21)} + 5m_{100}^{(11)} m_{010}^{(20)} m_{001}^{(10)} m_{001}^{(20)} \\
&-m_{100}^{(11)} m_{010}^{(21)} m_{001}^{(00)} m_{001}^{(20)} + m_{100}^{(11)} m_{010}^{(22)} m_{001}^{(00)} m_{001}^{(10)} + m_{100}^{(11)} m_{001}^{(00)} m_{001}^{(10)} m_{001}^{(21)} \\
&-m_{100}^{(11)} (m_{001}^{(10)})^2 m_{001}^{(20)} - 3(m_{100}^{(20)})^2 m_{010}^{(11)} m_{010}^{(22)} + (m_{100}^{(20)})^2 m_{010}^{(11)} m_{001}^{(21)} \\
&+4(m_{100}^{(20)})^2 (m_{010}^{(21)})^2 - 3(m_{100}^{(20)})^2 m_{010}^{(21)} m_{001}^{(11)} + (m_{100}^{(20)})^2 (m_{001}^{(11)})^2 \\
&-m_{100}^{(20)} (m_{100}^{(21)})^2 m_{010}^{(21)} - m_{100}^{(20)} (m_{100}^{(21)})^2 m_{001}^{(11)} + m_{100}^{(20)} m_{100}^{(21)} m_{100}^{(22)} m_{010}^{(11)} \\
&+4m_{100}^{(20)} m_{100}^{(21)} m_{010}^{(10)} m_{010}^{(22)} - m_{100}^{(20)} m_{100}^{(21)} m_{010}^{(10)} m_{001}^{(21)} - 3m_{100}^{(20)} m_{100}^{(21)} m_{010}^{(11)} m_{001}^{(20)} \\
&-6m_{100}^{(20)} m_{100}^{(21)} m_{010}^{(20)} m_{010}^{(21)} + 5m_{100}^{(20)} m_{100}^{(21)} m_{010}^{(20)} m_{001}^{(11)} + 3m_{100}^{(20)} m_{100}^{(21)} m_{010}^{(21)} m_{001}^{(10)} \\
&-2m_{100}^{(20)} m_{100}^{(21)} m_{001}^{(10)} m_{001}^{(11)} - 2m_{100}^{(20)} m_{100}^{(22)} m_{010}^{(10)} m_{010}^{(21)} - m_{100}^{(20)} m_{100}^{(22)} m_{010}^{(10)} m_{001}^{(11)}
\end{aligned}
$$

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\begin{aligned}
&+2m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(20)} + m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(10)} - 2m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(22)}\\
&-m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{010}^{(22)} + 5m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(21)} - m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(11)}\\
&-m_{100}^{(20)}m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(21)} + m_{100}^{(20)}(m_{010}^{(10)})^2m_{001}^{(22)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{010}^{(22)}\\
&-m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(21)} - 4m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(20)} - 3m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(10)}\\
&-m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(21)} + 5m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(20)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(20)}\\
&+4m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(00)} - 3m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{001}^{(20)} - m_{100}^{(20)}(m_{010}^{(20)})^2m_{010}^{(21)}\\
&-m_{100}^{(20)}(m_{010}^{(20)})^2m_{001}^{(11)} + 3m_{100}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(10)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{010}^{(10)}m_{001}^{(11)}\\
&-3m_{100}^{(20)}(m_{010}^{(21)})^2m_{001}^{(00)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(11)} + 4m_{100}^{(20)}m_{010}^{(21)}(m_{001}^{(10)})^2\\
&+m_{100}^{(20)}m_{001}^{(00)}(m_{001}^{(11)})^2 - m_{100}^{(20)}(m_{001}^{(10)})^2m_{001}^{(11)} + (m_{100}^{(21)})^3m_{010}^{(20)} + (m_{100}^{(21)})^3m_{001}^{(10)}\\
&-(m_{100}^{(21)})^2m_{100}^{(22)}m_{010}^{(10)} - (m_{100}^{(21)})^2m_{010}^{(00)}m_{010}^{(22)} - (m_{100}^{(21)})^2m_{010}^{(00)}m_{001}^{(21)}\\
&+4(m_{100}^{(21)})^2m_{010}^{(10)}m_{001}^{(20)} + 2(m_{100}^{(21)})^2(m_{010}^{(20)})^2 - 4(m_{100}^{(21)})^2m_{010}^{(20)}m_{001}^{(10)}\\
&-(m_{100}^{(21)})^2m_{010}^{(21)}m_{001}^{(00)} - (m_{100}^{(21)})^2m_{001}^{(00)}m_{001}^{(11)} + 2(m_{100}^{(21)})^2(m_{001}^{(10)})^2\\
&+2m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(21)} + m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(11)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(20)}\\
&-2m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(10)} + m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(00)} + m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(10)}m_{010}^{(22)}\\
&-m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{010}^{(22)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(21)} - 3m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{010}^{(20)}\\
&+6m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(10)} + 5m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(21)} - 6m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(20)}\\
&+3m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(20)} - 6m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(00)} - 3m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(21)}\\
&+3m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(20)} + m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(20)} + m_{100}^{(21)}(m_{010}^{(20)})^3\\
&-4m_{100}^{(21)}(m_{010}^{(20)})^2m_{001}^{(10)} + 5m_{100}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(00)} + 6m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(11)}\\
&-4m_{100}^{(21)}m_{010}^{(20)}(m_{001}^{(10)})^2 - 2m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(10)} - m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(11)}\\
&+m_{100}^{(21)}(m_{001}^{(10)})^3 - (m_{100}^{(22)})^2m_{010}^{(00)}m_{010}^{(11)} + (m_{100}^{(22)})^2(m_{010}^{(10)})^2\\
&-m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(21)} + 4m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(20)} + m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{010}^{(21)}\\
&+m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(11)} - 6m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(10)} + m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(11)}\\
&-3m_{100}^{(22)}(m_{010}^{(10)})^2m_{001}^{(20)} - m_{100}^{(22)}m_{010}^{(10)}(m_{010}^{(20)})^2 + 5m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(10)}\\
&+6m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(00)} - m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(11)} - m_{100}^{(22)}m_{010}^{(10)}(m_{001}^{(10)})^2\\
&-6m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(00)} + m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(10)} - (m_{010}^{(00)})^2m_{010}^{(21)}m_{001}^{(22)}\\
&+(m_{010}^{(00)})^2m_{010}^{(22)}m_{001}^{(21)} - (m_{010}^{(00)})^2m_{001}^{(11)}m_{001}^{(22)} + (m_{010}^{(00)})^2(m_{001}^{(21)})^2\\
&+m_{010}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(22)} - m_{010}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(20)} + 2m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(22)}\\
&-2m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{001}^{(21)} + 2m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(22)} - 3m_{010}^{(00)}m_{010}^{(11)}(m_{001}^{(20)})^2\\
&-m_{010}^{(00)}(m_{010}^{(20)})^2m_{001}^{(21)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(20)} - m_{010}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(10)}\\
&-2m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(21)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(20)} - 2m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(21)}\\
&+4m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(20)} - m_{010}^{(00)}m_{010}^{(22)}(m_{001}^{(10)})^2 - m_{010}^{(00)}(m_{001}^{(10)})^2m_{001}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(20)} - 3(m_{010}^{(10)})^2m_{001}^{(00)}m_{001}^{(22)} + 4(m_{010}^{(10)})^2(m_{001}^{(20)})^2\\
&-m_{010}^{(10)}(m_{010}^{(20)})^2m_{001}^{(20)} + m_{010}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(00)} + 4m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(21)}\\
&-6m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(20)} - 2m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(20)} + 2m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(10)}\\
&+2m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(21)} - m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(20)} - m_{010}^{(10)}(m_{001}^{(10)})^2m_{001}^{(20)}\\
&+2m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(20)} - m_{010}^{(11)}m_{010}^{(22)}(m_{001}^{(00)})^2 - m_{010}^{(11)}(m_{001}^{(00)})^2m_{001}^{(21)}\\
&+m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(20)} + (m_{010}^{(20)})^3m_{001}^{(10)} - (m_{010}^{(20)})^2m_{010}^{(21)}m_{001}^{(00)}
\end{aligned}
$$

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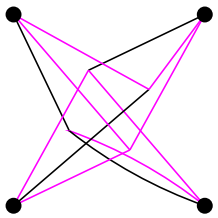
\begin{aligned}
&-(m_{010}^{(20)})^2 m_{001}^{(00)} m_{001}^{(11)} + 2(m_{010}^{(20)})^2 (m_{001}^{(10)})^2 - 2m_{010}^{(20)} m_{010}^{(21)} m_{001}^{(00)} m_{001}^{(10)} \\
&-m_{010}^{(20)} m_{001}^{(00)} m_{001}^{(10)} m_{001}^{(11)} + m_{010}^{(20)} (m_{001}^{(10)})^3 + (m_{010}^{(21)})^2 (m_{001}^{(00)})^2 \\
&+m_{010}^{(21)} (m_{001}^{(00)})^2 m_{001}^{(11)} - m_{010}^{(21)} m_{001}^{(00)} (m_{001}^{(10)})^2
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & 1 & V1 & 2 \\
V2 & V2 & 3 & V4 \\
V3 & V3 & V4 & 4
\end{array}
$$



$$
\begin{aligned}
T_{11} \;=\; & -2m_{100}^{(00)} m_{100}^{(11)} m_{010}^{(21)} m_{001}^{(22)} + m_{100}^{(00)} m_{100}^{(11)} (m_{010}^{(22)})^2 + 2m_{100}^{(00)} m_{100}^{(11)} m_{001}^{(11)} m_{001}^{(22)} \\
& -m_{100}^{(00)} m_{100}^{(11)} (m_{001}^{(21)})^2 - 2m_{100}^{(00)} m_{100}^{(21)} m_{010}^{(21)} m_{010}^{(22)} + 6m_{100}^{(00)} m_{100}^{(21)} m_{010}^{(21)} m_{001}^{(21)} \\
& -2m_{100}^{(00)} m_{100}^{(21)} m_{010}^{(22)} m_{001}^{(11)} - 2m_{100}^{(00)} m_{100}^{(21)} m_{001}^{(11)} m_{001}^{(21)} + 2m_{100}^{(00)} m_{100}^{(22)} m_{010}^{(11)} m_{010}^{(22)} \\
& -2m_{100}^{(00)} m_{100}^{(22)} m_{010}^{(11)} m_{001}^{(21)} - m_{100}^{(00)} m_{100}^{(22)} (m_{010}^{(21)})^2 + m_{100}^{(00)} m_{100}^{(22)} (m_{001}^{(11)})^2 \\
& +2m_{100}^{(00)} m_{010}^{(10)} m_{010}^{(21)} m_{001}^{(22)} - 3m_{100}^{(00)} m_{010}^{(10)} (m_{010}^{(22)})^2 + 4m_{100}^{(00)} m_{010}^{(10)} m_{010}^{(22)} m_{001}^{(21)} \\
& -2m_{100}^{(00)} m_{010}^{(10)} m_{001}^{(11)} m_{001}^{(22)} - m_{100}^{(00)} m_{010}^{(10)} (m_{001}^{(21)})^2 - 2m_{100}^{(00)} m_{010}^{(11)} m_{010}^{(22)} m_{001}^{(20)} \\
& +2m_{100}^{(00)} m_{010}^{(11)} m_{001}^{(20)} m_{001}^{(21)} + 3m_{100}^{(00)} m_{010}^{(20)} m_{010}^{(21)} m_{010}^{(22)} - 5m_{100}^{(00)} m_{010}^{(20)} m_{010}^{(21)} m_{001}^{(21)} \\
& -m_{100}^{(00)} m_{010}^{(20)} m_{010}^{(22)} m_{001}^{(11)} + 3m_{100}^{(00)} m_{010}^{(20)} m_{001}^{(11)} m_{001}^{(21)} - m_{100}^{(00)} (m_{010}^{(21)})^2 m_{001}^{(20)} \\
& +3m_{100}^{(00)} m_{010}^{(21)} m_{010}^{(22)} m_{001}^{(10)} - 5m_{100}^{(00)} m_{010}^{(21)} m_{001}^{(10)} m_{001}^{(21)} + 4m_{100}^{(00)} m_{010}^{(21)} m_{001}^{(11)} m_{001}^{(20)} \\
& -m_{100}^{(00)} m_{010}^{(22)} m_{001}^{(10)} m_{001}^{(11)} + 3m_{100}^{(00)} m_{001}^{(10)} m_{001}^{(11)} m_{001}^{(21)} - 3m_{100}^{(00)} (m_{001}^{(11)})^2 m_{001}^{(20)} \\
& -(m_{100}^{(10)})^2 m_{010}^{(21)} m_{001}^{(22)} + (m_{100}^{(10)})^2 (m_{010}^{(22)})^2 - (m_{100}^{(10)})^2 m_{010}^{(22)} m_{001}^{(21)} \\
& -(m_{100}^{(10)})^2 m_{001}^{(11)} m_{001}^{(22)} + 2(m_{100}^{(10)})^2 (m_{001}^{(21)})^2 + 3m_{100}^{(10)} m_{100}^{(11)} m_{100}^{(21)} m_{001}^{(22)} \\
& -4m_{100}^{(10)} m_{100}^{(11)} m_{100}^{(22)} m_{010}^{(22)} + m_{100}^{(10)} m_{100}^{(11)} m_{100}^{(22)} m_{001}^{(21)} + 3m_{100}^{(10)} m_{100}^{(11)} m_{010}^{(20)} m_{001}^{(22)} \\
& +m_{100}^{(10)} m_{100}^{(11)} m_{010}^{(22)} m_{001}^{(20)} - 2m_{100}^{(10)} m_{100}^{(11)} m_{001}^{(10)} m_{001}^{(22)} - 2m_{100}^{(10)} m_{100}^{(11)} m_{001}^{(20)} m_{001}^{(21)} \\
& +2m_{100}^{(10)} m_{100}^{(20)} m_{010}^{(11)} m_{001}^{(22)} - 2m_{100}^{(10)} m_{100}^{(20)} m_{010}^{(21)} m_{010}^{(22)} + 2m_{100}^{(10)} m_{100}^{(20)} m_{010}^{(22)} m_{001}^{(11)} \\
& -2m_{100}^{(10)} m_{100}^{(20)} m_{001}^{(11)} m_{001}^{(21)} + m_{100}^{(10)} (m_{100}^{(21)})^2 m_{010}^{(22)} - 7m_{100}^{(10)} (m_{100}^{(21)})^2 m_{001}^{(21)} \\
& +6m_{100}^{(10)} m_{100}^{(21)} m_{100}^{(22)} m_{010}^{(21)} + 3m_{100}^{(10)} m_{100}^{(21)} m_{100}^{(22)} m_{001}^{(11)} - 5m_{100}^{(10)} m_{100}^{(21)} m_{010}^{(10)} m_{001}^{(22)} \\
& -2m_{100}^{(10)} m_{100}^{(21)} m_{010}^{(20)} m_{010}^{(22)} + m_{100}^{(10)} m_{100}^{(21)} m_{010}^{(20)} m_{001}^{(21)} + m_{100}^{(10)} m_{100}^{(21)} m_{010}^{(21)} m_{001}^{(20)} \\
& -m_{100}^{(10)} m_{100}^{(21)} m_{010}^{(22)} m_{001}^{(10)} + 10m_{100}^{(10)} m_{100}^{(21)} m_{001}^{(10)} m_{001}^{(21)} - 4m_{100}^{(10)} m_{100}^{(21)} m_{001}^{(11)} m_{001}^{(20)} \\
& -3m_{100}^{(10)} (m_{100}^{(22)})^2 m_{010}^{(11)} + 6m_{100}^{(10)} m_{100}^{(22)} m_{010}^{(10)} m_{010}^{(22)} - m_{100}^{(10)} m_{100}^{(22)} m_{010}^{(10)} m_{001}^{(21)}
\end{aligned}
$$

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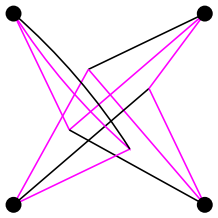
\begin{aligned}
&+4m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(20)} - 4m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{010}^{(21)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(11)}\\
&-5m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(10)} - 2m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{001}^{(11)} + 4m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(22)}\\
&-m_{100}^{(10)}m_{010}^{(00)}(m_{010}^{(22)})^2 - 2m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(21)} - m_{100}^{(10)}m_{010}^{(00)}(m_{001}^{(21)})^2\\
&-5m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(22)} - m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(20)} + 6m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(22)}\\
&-2m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(22)} - m_{100}^{(10)}m_{010}^{(11)}(m_{001}^{(20)})^2 + m_{100}^{(10)}(m_{010}^{(20)})^2m_{010}^{(22)}\\
&+4m_{100}^{(10)}(m_{010}^{(20)})^2m_{001}^{(21)} + m_{100}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(20)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(10)}\\
&+m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(21)} - 5m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(20)} + m_{100}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(00)}\\
&-m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(21)} + m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(20)} + m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(11)}\\
&+m_{100}^{(10)}m_{010}^{(22)}(m_{001}^{(10)})^2 + m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(21)} - 7m_{100}^{(10)}(m_{001}^{(10)})^2m_{001}^{(21)}\\
&+6m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(20)} - 3(m_{100}^{(11)})^2m_{100}^{(20)}m_{001}^{(22)} + 2(m_{100}^{(11)})^2(m_{100}^{(22)})^2\\
&-(m_{100}^{(11)})^2m_{100}^{(22)}m_{001}^{(20)} + (m_{100}^{(11)})^2m_{001}^{(00)}m_{001}^{(22)} + (m_{100}^{(11)})^2(m_{001}^{(20)})^2\\
&+3m_{100}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(22)} + 6m_{100}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(21)} + m_{100}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(21)}\\
&-4m_{100}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{001}^{(11)} + 4m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(22)} - 2m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{010}^{(22)}\\
&-5m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(21)} - m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(20)} + 2m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(10)}\\
&-4m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(21)} + 6m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{001}^{(20)} - 4m_{100}^{(11)}(m_{100}^{(21)})^2m_{100}^{(22)}\\
&+m_{100}^{(11)}(m_{100}^{(21)})^2m_{001}^{(20)} + m_{100}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(20)} + m_{100}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(10)}\\
&-m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(22)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(20)} - m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(00)}\\
&-2m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(21)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(20)} - m_{100}^{(11)}(m_{100}^{(22)})^2m_{010}^{(10)}\\
&+m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(21)} - 2m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(20)} + m_{100}^{(11)}m_{100}^{(22)}(m_{010}^{(20)})^2\\
&+2m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(10)} + m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(00)} + m_{100}^{(11)}m_{100}^{(22)}(m_{001}^{(10)})^2\\
&-m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(22)} + m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(20)} - 2m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(22)}\\
&+2m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{001}^{(21)} - m_{100}^{(11)}m_{010}^{(10)}(m_{001}^{(20)})^2 + m_{100}^{(11)}(m_{010}^{(20)})^2m_{001}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(00)} + 2m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(21)} - m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(20)} - m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(10)} + 3m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(21)}\\
&-4m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(20)} + m_{100}^{(11)}(m_{001}^{(10)})^2m_{001}^{(20)} - (m_{100}^{(20)})^2m_{010}^{(11)}m_{010}^{(22)}\\
&-(m_{100}^{(20)})^2m_{010}^{(11)}m_{001}^{(21)} + 2(m_{100}^{(20)})^2(m_{010}^{(21)})^2 - (m_{100}^{(20)})^2m_{010}^{(21)}m_{001}^{(11)}\\
&+(m_{100}^{(20)})^2(m_{001}^{(11)})^2 - 7m_{100}^{(20)}(m_{100}^{(21)})^2m_{010}^{(21)} + m_{100}^{(20)}(m_{100}^{(21)})^2m_{001}^{(11)}\\
&+3m_{100}^{(20)}m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(11)} - 4m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(22)} + m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(21)}\\
&-5m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(20)} + 10m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{010}^{(21)} - m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(11)}\\
&+m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(10)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(11)} - 2m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(21)}\\
&+m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(11)} - 2m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(20)} + 3m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(10)}\\
&-2m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(22)} + m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(22)} - m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(11)} + m_{100}^{(20)}m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(21)} - m_{100}^{(20)}(m_{010}^{(10)})^2m_{001}^{(22)}\\
&+6m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{010}^{(22)} + m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(21)} - 5m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(10)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(21)} - m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(20)} + 6m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(20)}\\
&+4m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(21)} - 5m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{001}^{(20)} - 7m_{100}^{(20)}(m_{010}^{(20)})^2m_{010}^{(21)}\\
&+m_{100}^{(20)}(m_{010}^{(20)})^2m_{001}^{(11)} + m_{100}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(10)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(11)}\\
&-m_{100}^{(20)}(m_{010}^{(21)})^2m_{001}^{(00)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(11)} + 4m_{100}^{(20)}m_{010}^{(21)}(m_{001}^{(10)})^2
\end{aligned}
$$

$$
\begin{aligned}
&-m_{100}^{(20)}m_{001}^{(00)}(m_{001}^{(11)})^2+m_{100}^{(20)}(m_{001}^{(10)})^2m_{001}^{(11)}+2(m_{100}^{(21)})^4-(m_{100}^{(21)})^3m_{010}^{(20)}\\
&-(m_{100}^{(21)})^3m_{001}^{(10)}+(m_{100}^{(21)})^2m_{100}^{(22)}m_{010}^{(10)}+(m_{100}^{(21)})^2m_{010}^{(00)}m_{010}^{(22)}+(m_{100}^{(21)})^2m_{010}^{(00)}m_{001}^{(21)}\\
&+4(m_{100}^{(21)})^2m_{010}^{(10)}m_{001}^{(20)}+(m_{100}^{(21)})^2m_{010}^{(21)}m_{001}^{(00)}+(m_{100}^{(21)})^2m_{001}^{(00)}m_{001}^{(11)}\\
&-2m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(21)}-m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(11)}-2m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(20)}\\
&-2m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(10)}-m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(00)}+3m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(22)}\\
&+m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{010}^{(22)}-2m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(21)}-5m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(20)}\\
&+2m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(10)}-m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(21)}+2m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(20)}+2m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(00)}-5m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(20)}+3m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(20)}-m_{100}^{(21)}(m_{010}^{(20)})^3\\
&-m_{100}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(00)}+2m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(11)}-2m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(10)}\\
&+m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(11)}-m_{100}^{(21)}(m_{001}^{(10)})^3+(m_{100}^{(22)})^2m_{010}^{(00)}m_{010}^{(11)}\\
&+(m_{100}^{(22)})^2(m_{010}^{(10)})^2-4m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{010}^{(22)}+m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(21)}\\
&+3m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{010}^{(21)}-m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(11)}+2m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(10)}\\
&-m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(11)}-m_{100}^{(22)}(m_{010}^{(10)})^2m_{001}^{(20)}+m_{100}^{(22)}m_{010}^{(10)}(m_{010}^{(20)})^2\\
&-m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(10)}+2m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(00)}+m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(11)}\\
&+m_{100}^{(22)}m_{010}^{(10)}(m_{001}^{(10)})^2-2m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(00)}-m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(10)}\\
&-3(m_{010}^{(00)})^2m_{010}^{(21)}m_{001}^{(22)}+2(m_{010}^{(00)})^2(m_{010}^{(22)})^2-(m_{010}^{(00)})^2m_{010}^{(22)}m_{001}^{(21)}\\
&+(m_{010}^{(00)})^2m_{001}^{(11)}m_{001}^{(22)}+(m_{010}^{(00)})^2(m_{001}^{(21)})^2+3m_{010}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(22)}\\
&+m_{010}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(20)}-2m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(22)}-2m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{001}^{(21)}\\
&+2m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(22)}-m_{010}^{(00)}m_{010}^{(11)}(m_{001}^{(20)})^2-4m_{010}^{(00)}(m_{010}^{(20)})^2m_{010}^{(22)}\\
&+m_{010}^{(00)}(m_{010}^{(20)})^2m_{001}^{(21)}+6m_{010}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(20)}+m_{010}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(10)}\\
&-2m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(21)}-2m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(20)}-4m_{010}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(00)}\\
&+6m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(21)}-4m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(20)}+m_{010}^{(00)}m_{010}^{(22)}(m_{001}^{(10)})^2\\
&-4m_{010}^{(00)}m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(21)}+m_{010}^{(00)}(m_{001}^{(10)})^2m_{001}^{(21)}+3m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(20)}\\
&-(m_{010}^{(10)})^2m_{001}^{(00)}m_{001}^{(22)}+2(m_{010}^{(10)})^2(m_{001}^{(20)})^2-7m_{010}^{(10)}(m_{010}^{(20)})^2m_{001}^{(20)}\\
&+3m_{010}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(00)}-4m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(21)}+10m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(20)}\\
&-2m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(20)}-2m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(10)}+6m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(21)}\\
&+m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(20)}-7m_{010}^{(10)}(m_{001}^{(10)})^2m_{001}^{(20)}-2m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(20)}\\
&+m_{010}^{(11)}m_{010}^{(22)}(m_{001}^{(00)})^2-3m_{010}^{(11)}(m_{001}^{(00)})^2m_{001}^{(21)}+3m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(20)}\\
&+2(m_{010}^{(20)})^4-(m_{010}^{(20)})^3m_{001}^{(10)}+(m_{010}^{(20)})^2m_{010}^{(21)}m_{001}^{(00)}+(m_{010}^{(20)})^2m_{001}^{(00)}m_{001}^{(11)}\\
&-2m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(10)}+m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(11)}-m_{010}^{(20)}(m_{001}^{(10)})^3\\
&+(m_{010}^{(21)})^2(m_{001}^{(00)})^2-m_{010}^{(21)}(m_{001}^{(00)})^2m_{001}^{(11)}+m_{010}^{(21)}m_{001}^{(00)}(m_{001}^{(10)})^2\\
&+2(m_{001}^{(00)})^2(m_{001}^{(11)})^2-4m_{001}^{(00)}(m_{001}^{(10)})^2m_{001}^{(11)}+2(m_{001}^{(10)})^4
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & 1 & V1 & V2\\
V2 & V3 & 3 & V3\\
2 & V4 & V4 & 4
\end{array}
$$



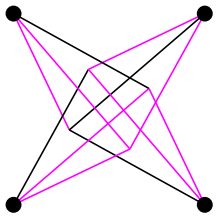
$$
\begin{aligned}
T_{12} \;=\;& 6m_{100}^{(00)}m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(22)} - m_{100}^{(00)}m_{100}^{(11)}(m_{010}^{(22)})^2 - 4m_{100}^{(00)}m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(21)} \\
&+2m_{100}^{(00)}m_{100}^{(11)}m_{001}^{(11)}m_{001}^{(22)} - 3m_{100}^{(00)}m_{100}^{(11)}(m_{001}^{(21)})^2 - 8m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(22)} \\
&+2m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{010}^{(22)} + 2m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(21)} + 2m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(11)} \\
&+2m_{100}^{(00)}m_{100}^{(21)}m_{001}^{(11)}m_{001}^{(21)} + 2m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(22)} + 6m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(21)} \\
&-3m_{100}^{(00)}m_{100}^{(22)}(m_{010}^{(21)})^2 - 4m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(11)} - m_{100}^{(00)}m_{100}^{(22)}(m_{001}^{(11)})^2 \\
&+10m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(22)} - m_{100}^{(00)}m_{010}^{(10)}(m_{010}^{(22)})^2 - 8m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(21)} \\
&+6m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(22)} - 7m_{100}^{(00)}m_{010}^{(10)}(m_{001}^{(21)})^2 - 8m_{100}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(22)} \\
&+6m_{100}^{(00)}m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(20)} - 8m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{001}^{(22)} + 10m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{001}^{(21)} \\
&+m_{100}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{010}^{(22)} + 5m_{100}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(21)} + m_{100}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(11)} \\
&+m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(21)} - 7m_{100}^{(00)}(m_{010}^{(21)})^2m_{001}^{(20)} + m_{100}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(10)} \\
&+5m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(21)} - 8m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{001}^{(20)} + m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{001}^{(11)} \\
&+m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(21)} - m_{100}^{(00)}(m_{001}^{(11)})^2m_{001}^{(20)} - 7(m_{100}^{(10)})^2m_{010}^{(21)}m_{001}^{(22)} \\
&+(m_{100}^{(10)})^2(m_{010}^{(22)})^2 + 5(m_{100}^{(10)})^2m_{010}^{(22)}m_{001}^{(21)} - 3(m_{100}^{(10)})^2m_{001}^{(11)}m_{001}^{(22)} \\
&+4(m_{100}^{(10)})^2(m_{001}^{(21)})^2 + m_{100}^{(10)}m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(22)} - m_{100}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(21)} \\
&+m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(22)} - m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(20)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(10)}m_{001}^{(22)} \\
&-2m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{001}^{(21)} + 10m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(22)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{010}^{(22)} \\
&-4m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(21)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(11)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{001}^{(21)} \\
&-m_{100}^{(10)}(m_{100}^{(21)})^2m_{010}^{(22)} - m_{100}^{(10)}(m_{100}^{(21)})^2m_{001}^{(21)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(21)} \\
&+m_{100}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(11)} + 5m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(22)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{010}^{(22)} \\
&-5m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(21)} + 7m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(20)} - 3m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(10)} \\
&-6m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(21)} + 4m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{001}^{(20)} - m_{100}^{(10)}(m_{100}^{(22)})^2m_{010}^{(11)} \\
&-2m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(22)} - 3m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(21)} - 8m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(20)} \\
&+4m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{010}^{(21)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(11)} + 5m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(10)} \\
&+2m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{001}^{(11)} - 8m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(22)} + m_{100}^{(10)}m_{010}^{(00)}(m_{010}^{(22)})^2 \\
&+6m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(21)} - 4m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(22)} + 5m_{100}^{(10)}m_{010}^{(00)}(m_{001}^{(21)})^2 \\
&+5m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(22)} - 3m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(20)} + 2m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(22)} \\
&-4m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{001}^{(21)} + 6m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(22)} - 7m_{100}^{(10)}m_{010}^{(11)}(m_{001}^{(20)})^2 \\
&-m_{100}^{(10)}(m_{010}^{(20)})^2m_{010}^{(22)} - 4m_{100}^{(10)}(m_{010}^{(20)})^2m_{001}^{(21)} + 7m_{100}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(20)}
\end{aligned}
$$

$$
\begin{aligned}
&-2m_{100}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(10)} - 5m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(21)} + 5m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(20)}\\
&-m_{100}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(00)} - 3m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(21)} + 7m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(20)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(11)} - m_{100}^{(10)}m_{010}^{(22)}(m_{001}^{(10)})^2 - m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(21)}\\
&-m_{100}^{(10)}(m_{001}^{(10)})^2m_{001}^{(21)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(20)} - (m_{100}^{(11)})^2m_{100}^{(20)}m_{001}^{(22)}\\
&+(m_{100}^{(11)})^2m_{100}^{(22)}m_{001}^{(20)} - (m_{100}^{(11)})^2m_{001}^{(00)}m_{001}^{(22)} + (m_{100}^{(11)})^2(m_{001}^{(20)})^2\\
&+m_{100}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(22)} + 2m_{100}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(21)} - m_{100}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(21)}\\
&-8m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(22)} + 2m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{010}^{(22)} + 5m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(21)}\\
&-3m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(20)} + 2m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(10)} + 4m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(21)}\\
&-2m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{001}^{(20)} - m_{100}^{(11)}(m_{100}^{(21)})^2m_{001}^{(20)} - m_{100}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(20)}\\
&-m_{100}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(10)} + m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(22)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(20)}\\
&+m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(00)} + 2m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(21)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(20)}\\
&+m_{100}^{(11)}(m_{100}^{(22)})^2m_{010}^{(10)} - m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(21)} + 6m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(20)}\\
&-m_{100}^{(11)}m_{100}^{(22)}(m_{010}^{(20)})^2 - 2m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(10)} - m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(00)}\\
&-m_{100}^{(11)}m_{100}^{(22)}(m_{001}^{(10)})^2 + m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(22)} - m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(20)}\\
&+2m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(22)} - 2m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{001}^{(21)} - 4m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(22)}\\
&+5m_{100}^{(11)}m_{010}^{(10)}(m_{001}^{(20)})^2 - m_{100}^{(11)}(m_{010}^{(20)})^2m_{001}^{(20)} + m_{100}^{(11)}m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(00)}\\
&+2m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(21)} - 3m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(20)} - m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(10)} + m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(21)} - m_{100}^{(11)}(m_{001}^{(10)})^2m_{001}^{(20)}\\
&-3(m_{100}^{(20)})^2m_{010}^{(11)}m_{010}^{(22)} - 7(m_{100}^{(20)})^2m_{010}^{(11)}m_{001}^{(21)} + 4(m_{100}^{(20)})^2(m_{010}^{(21)})^2\\
&+5(m_{100}^{(20)})^2m_{010}^{(21)}m_{001}^{(11)} + (m_{100}^{(20)})^2(m_{001}^{(11)})^2 - m_{100}^{(20)}(m_{100}^{(21)})^2m_{010}^{(21)}\\
&-m_{100}^{(20)}(m_{100}^{(21)})^2m_{001}^{(11)} + m_{100}^{(20)}m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(11)} + 4m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(22)}\\
&+7m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(21)} + 5m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(20)} - 6m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{010}^{(21)}\\
&-3m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(11)} - 5m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(10)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(11)}\\
&-2m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(21)} - m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(11)} + 2m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(20)}\\
&+m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(10)} + 6m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(22)} - m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{010}^{(22)}\\
&-3m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(21)} - m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(11)} - m_{100}^{(20)}m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(21)}\\
&-7m_{100}^{(20)}(m_{010}^{(10)})^2m_{001}^{(22)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{010}^{(22)} + 7m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(21)}\\
&-4m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(20)} + 5m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(10)} + 7m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(21)}\\
&-3m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(20)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(20)} - 4m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(00)}\\
&-8m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(21)} + 5m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{001}^{(20)} - m_{100}^{(20)}(m_{010}^{(20)})^2m_{010}^{(21)}\\
&-m_{100}^{(20)}(m_{010}^{(20)})^2m_{001}^{(11)} - 5m_{100}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(10)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(11)}\\
&+5m_{100}^{(20)}(m_{010}^{(21)})^2m_{001}^{(00)} + 6m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(11)} - 4m_{100}^{(20)}m_{010}^{(21)}(m_{001}^{(10)})^2\\
&+m_{100}^{(20)}m_{001}^{(00)}(m_{001}^{(11)})^2 - m_{100}^{(20)}(m_{001}^{(10)})^2m_{001}^{(11)} + (m_{100}^{(21)})^3m_{010}^{(20)} + (m_{100}^{(21)})^3m_{001}^{(10)}\\
&-(m_{100}^{(21)})^2m_{100}^{(22)}m_{010}^{(10)} - (m_{100}^{(21)})^2m_{010}^{(00)}m_{010}^{(22)} - (m_{100}^{(21)})^2m_{010}^{(00)}m_{001}^{(21)}\\
&-4(m_{100}^{(21)})^2m_{010}^{(10)}m_{001}^{(20)} + 2(m_{100}^{(21)})^2(m_{010}^{(20)})^2 + 4(m_{100}^{(21)})^2m_{010}^{(20)}m_{001}^{(10)}\\
&-(m_{100}^{(21)})^2m_{010}^{(21)}m_{001}^{(00)} - (m_{100}^{(21)})^2m_{001}^{(00)}m_{001}^{(11)} + 2(m_{100}^{(21)})^2(m_{001}^{(10)})^2\\
&+2m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(21)} + m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(11)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(20)}\\
&-2m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(10)} + m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(00)} + m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(22)}
\end{aligned}
$$

$$
\begin{aligned}
&-m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{010}^{(22)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(21)} + 5m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(20)}\\
&-2m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(10)} - 3m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(21)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(20)}\\
&-5m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(20)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(00)} + 5m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(21)}\\
&-5m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(20)} + m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(20)} + m_{100}^{(21)}(m_{010}^{(20)})^3\\
&+4m_{100}^{(21)}(m_{010}^{(20)})^2m_{001}^{(10)} - 3m_{100}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(00)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(11)}\\
&+4m_{100}^{(21)}m_{010}^{(20)}(m_{001}^{(10)})^2 - 2m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(10)} - m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(11)}\\
&+m_{100}^{(21)}(m_{001}^{(10)})^3 - (m_{100}^{(22)})^2m_{010}^{(00)}m_{010}^{(11)} + (m_{100}^{(22)})^2(m_{010}^{(10)})^2\\
&-m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(21)} - 4m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(20)} + m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{010}^{(21)}\\
&+m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(11)} + 2m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(10)} + m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(11)}\\
&+5m_{100}^{(22)}(m_{010}^{(10)})^2m_{001}^{(20)} - m_{100}^{(22)}m_{010}^{(10)}(m_{010}^{(20)})^2 - 3m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(10)}\\
&-2m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(00)} - m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(11)} - m_{100}^{(22)}m_{010}^{(10)}(m_{001}^{(10)})^2\\
&+2m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(00)} + m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(10)} - (m_{010}^{(00)})^2m_{010}^{(21)}m_{001}^{(22)}\\
&+(m_{010}^{(00)})^2m_{010}^{(22)}m_{001}^{(21)} - (m_{010}^{(00)})^2m_{001}^{(11)}m_{001}^{(22)} + (m_{010}^{(00)})^2(m_{001}^{(21)})^2\\
&+m_{010}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(22)} - m_{010}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(20)} + 2m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(22)}\\
&-2m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{001}^{(21)} + 2m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(22)} - 3m_{010}^{(00)}m_{010}^{(11)}(m_{001}^{(20)})^2\\
&-m_{010}^{(00)}(m_{010}^{(20)})^2m_{001}^{(21)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(20)} - m_{010}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(10)}\\
&-2m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(21)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(20)} - 2m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(21)}\\
&+4m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(20)} - m_{010}^{(00)}m_{010}^{(22)}(m_{001}^{(10)})^2 - m_{010}^{(00)}(m_{001}^{(10)})^2m_{001}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(20)} - 3(m_{010}^{(10)})^2m_{001}^{(00)}m_{001}^{(22)} + 4(m_{010}^{(10)})^2(m_{001}^{(20)})^2\\
&-m_{010}^{(10)}(m_{010}^{(20)})^2m_{001}^{(20)} + m_{010}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(00)} + 4m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(21)}\\
&-6m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(20)} - 2m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(20)} + 2m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(10)}\\
&+2m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(21)} - m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(20)} - m_{010}^{(10)}(m_{001}^{(10)})^2m_{001}^{(20)}\\
&+2m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(20)} - m_{010}^{(11)}m_{010}^{(22)}(m_{001}^{(00)})^2 - m_{010}^{(11)}(m_{001}^{(00)})^2m_{001}^{(21)}\\
&+m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(20)} + (m_{010}^{(20)})^3m_{001}^{(10)} - (m_{010}^{(20)})^2m_{010}^{(21)}m_{001}^{(00)}\\
&-(m_{010}^{(20)})^2m_{001}^{(00)}m_{001}^{(11)} + 2(m_{010}^{(20)})^2(m_{001}^{(10)})^2 - 2m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(11)} + m_{010}^{(20)}(m_{001}^{(10)})^3 + (m_{010}^{(21)})^2(m_{001}^{(00)})^2\\
&+m_{010}^{(21)}(m_{001}^{(00)})^2m_{001}^{(11)} - m_{010}^{(21)}m_{001}^{(00)}(m_{001}^{(10)})^2
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & V1 & 1 & V2\\
V2 & 2 & V3 & 3\\
V3 & V4 & V4 & 4
\end{array}
$$



$$
\begin{aligned}
T_{13} \;=\;& m_{100}^{(00)} m_{100}^{(11)} (m_{010}^{(22)})^2 - 2m_{100}^{(00)} m_{100}^{(11)} m_{010}^{(22)} m_{001}^{(21)} + m_{100}^{(00)} m_{100}^{(11)} (m_{001}^{(21)})^2 \\
& -2m_{100}^{(00)} m_{100}^{(21)} m_{010}^{(21)} m_{010}^{(22)} + 2m_{100}^{(00)} m_{100}^{(21)} m_{010}^{(21)} m_{001}^{(21)} + 2m_{100}^{(00)} m_{100}^{(21)} m_{010}^{(22)} m_{001}^{(11)} \\
& -2m_{100}^{(00)} m_{100}^{(21)} m_{001}^{(11)} m_{001}^{(21)} + m_{100}^{(00)} m_{100}^{(22)} (m_{010}^{(21)})^2 - 2m_{100}^{(00)} m_{100}^{(22)} m_{010}^{(21)} m_{001}^{(11)} \\
& +m_{100}^{(00)} m_{100}^{(22)} (m_{001}^{(11)})^2 - m_{100}^{(00)} m_{010}^{(10)} (m_{010}^{(22)})^2 + 2m_{100}^{(00)} m_{010}^{(10)} m_{010}^{(22)} m_{001}^{(21)} \\
& -m_{100}^{(00)} m_{010}^{(10)} (m_{001}^{(21)})^2 + m_{100}^{(00)} m_{010}^{(20)} m_{010}^{(21)} m_{010}^{(22)} - m_{100}^{(00)} m_{010}^{(20)} m_{010}^{(21)} m_{001}^{(21)} \\
& -m_{100}^{(00)} m_{010}^{(20)} m_{010}^{(22)} m_{001}^{(11)} + m_{100}^{(00)} m_{010}^{(20)} m_{001}^{(11)} m_{001}^{(21)} - m_{100}^{(00)} (m_{010}^{(21)})^2 m_{001}^{(20)} \\
& +m_{100}^{(00)} m_{010}^{(21)} m_{010}^{(22)} m_{001}^{(10)} - m_{100}^{(00)} m_{010}^{(21)} m_{001}^{(10)} m_{001}^{(21)} + 2m_{100}^{(00)} m_{010}^{(21)} m_{001}^{(11)} m_{001}^{(20)} \\
& -m_{100}^{(00)} m_{010}^{(22)} m_{001}^{(10)} m_{001}^{(11)} + m_{100}^{(00)} m_{001}^{(10)} m_{001}^{(11)} m_{001}^{(21)} - m_{100}^{(00)} (m_{001}^{(11)})^2 m_{001}^{(20)} \\
& -(m_{100}^{(10)})^2 m_{010}^{(21)} m_{001}^{(22)} - (m_{100}^{(10)})^2 (m_{010}^{(22)})^2 + 3(m_{100}^{(10)})^2 m_{010}^{(22)} m_{001}^{(21)} \\
& +(m_{100}^{(10)})^2 m_{001}^{(11)} m_{001}^{(22)} - 2(m_{100}^{(10)})^2 (m_{001}^{(21)})^2 + m_{100}^{(10)} m_{100}^{(11)} m_{100}^{(21)} m_{001}^{(22)} \\
& -m_{100}^{(10)} m_{100}^{(11)} m_{100}^{(22)} m_{001}^{(21)} + m_{100}^{(10)} m_{100}^{(11)} m_{010}^{(20)} m_{001}^{(22)} - m_{100}^{(10)} m_{100}^{(11)} m_{010}^{(22)} m_{001}^{(20)} \\
& -2m_{100}^{(10)} m_{100}^{(11)} m_{100}^{(10)} m_{001}^{(22)} + 2m_{100}^{(10)} m_{100}^{(11)} m_{001}^{(20)} m_{001}^{(21)} + 2m_{100}^{(10)} m_{100}^{(20)} m_{010}^{(21)} m_{010}^{(22)} \\
& -4m_{100}^{(10)} m_{100}^{(20)} m_{010}^{(22)} m_{001}^{(11)} + 2m_{100}^{(10)} m_{100}^{(20)} m_{001}^{(11)} m_{001}^{(21)} - m_{100}^{(10)} (m_{100}^{(21)})^2 m_{010}^{(22)} \\
& -m_{100}^{(10)} (m_{100}^{(21)})^2 m_{001}^{(21)} + 2m_{100}^{(10)} m_{100}^{(21)} m_{100}^{(22)} m_{010}^{(21)} + m_{100}^{(10)} m_{100}^{(21)} m_{100}^{(22)} m_{001}^{(11)} \\
& -m_{100}^{(10)} m_{100}^{(21)} m_{010}^{(10)} m_{001}^{(22)} + 2m_{100}^{(10)} m_{100}^{(21)} m_{010}^{(20)} m_{010}^{(22)} - 3m_{100}^{(10)} m_{100}^{(21)} m_{010}^{(20)} m_{001}^{(21)} \\
& +m_{100}^{(10)} m_{100}^{(21)} m_{010}^{(21)} m_{001}^{(20)} - m_{100}^{(10)} m_{100}^{(21)} m_{010}^{(22)} m_{001}^{(10)} + 6m_{100}^{(10)} m_{100}^{(21)} m_{001}^{(10)} m_{001}^{(21)} \\
& -4m_{100}^{(10)} m_{100}^{(21)} m_{001}^{(11)} m_{001}^{(20)} - m_{100}^{(10)} (m_{100}^{(22)})^2 m_{010}^{(11)} + 2m_{100}^{(10)} m_{100}^{(22)} m_{010}^{(10)} m_{010}^{(22)} \\
& -m_{100}^{(10)} m_{100}^{(22)} m_{010}^{(10)} m_{001}^{(21)} + 2m_{100}^{(10)} m_{100}^{(22)} m_{010}^{(11)} m_{001}^{(20)} - 4m_{100}^{(10)} m_{100}^{(22)} m_{010}^{(20)} m_{010}^{(21)} \\
& +4m_{100}^{(10)} m_{100}^{(22)} m_{010}^{(20)} m_{001}^{(11)} - m_{100}^{(10)} m_{100}^{(22)} m_{010}^{(21)} m_{001}^{(10)} - 2m_{100}^{(10)} m_{100}^{(22)} m_{001}^{(10)} m_{001}^{(11)} \\
& +2m_{100}^{(10)} m_{010}^{(00)} m_{010}^{(21)} m_{001}^{(22)} + m_{100}^{(10)} m_{010}^{(00)} (m_{010}^{(22)})^2 - 4m_{100}^{(10)} m_{010}^{(00)} m_{010}^{(22)} m_{001}^{(21)} \\
& -2m_{100}^{(10)} m_{010}^{(00)} m_{001}^{(11)} m_{001}^{(22)} + 3m_{100}^{(10)} m_{010}^{(00)} (m_{001}^{(21)})^2 - m_{100}^{(10)} m_{010}^{(10)} m_{010}^{(20)} m_{001}^{(22)} \\
& -m_{100}^{(10)} m_{010}^{(10)} m_{010}^{(22)} m_{001}^{(20)} + 2m_{100}^{(10)} m_{010}^{(10)} m_{001}^{(10)} m_{001}^{(22)} - m_{100}^{(10)} m_{010}^{(11)} (m_{001}^{(20)})^2 \\
& -m_{100}^{(10)} (m_{010}^{(20)})^2 m_{010}^{(22)} + 2m_{100}^{(10)} (m_{010}^{(20)})^2 m_{001}^{(21)} + m_{100}^{(10)} m_{010}^{(20)} m_{010}^{(21)} m_{001}^{(20)} \\
& +2m_{100}^{(10)} m_{010}^{(20)} m_{010}^{(22)} m_{001}^{(10)} - 3m_{100}^{(10)} m_{010}^{(20)} m_{001}^{(10)} m_{001}^{(21)} - m_{100}^{(10)} m_{010}^{(20)} m_{001}^{(11)} m_{001}^{(20)} \\
& -m_{100}^{(10)} m_{010}^{(21)} m_{010}^{(22)} m_{001}^{(00)} - m_{100}^{(10)} m_{010}^{(21)} m_{001}^{(00)} m_{001}^{(21)} + m_{100}^{(10)} m_{010}^{(21)} m_{001}^{(10)} m_{001}^{(20)} \\
& +3m_{100}^{(10)} m_{010}^{(22)} m_{001}^{(00)} m_{001}^{(11)} - m_{100}^{(10)} m_{010}^{(22)} (m_{001}^{(10)})^2 - m_{100}^{(10)} m_{001}^{(00)} m_{001}^{(11)} m_{001}^{(21)} \\
& -m_{100}^{(10)} (m_{001}^{(10)})^2 m_{001}^{(21)} + 2m_{100}^{(10)} m_{001}^{(10)} m_{001}^{(11)} m_{001}^{(20)} - (m_{100}^{(11)})^2 m_{100}^{(20)} m_{001}^{(22)} \\
& +(m_{100}^{(11)})^2 m_{100}^{(22)} m_{001}^{(20)} + (m_{100}^{(11)})^2 m_{001}^{(00)} m_{001}^{(22)} - (m_{100}^{(11)})^2 (m_{001}^{(20)})^2 \\
& +m_{100}^{(11)} m_{100}^{(20)} m_{100}^{(21)} m_{010}^{(22)} + 2m_{100}^{(11)} m_{100}^{(20)} m_{100}^{(21)} m_{001}^{(21)} - m_{100}^{(11)} m_{100}^{(20)} m_{100}^{(22)} m_{010}^{(21)} \\
& +2m_{100}^{(11)} m_{100}^{(20)} m_{010}^{(10)} m_{001}^{(22)} - 2m_{100}^{(11)} m_{100}^{(20)} m_{010}^{(20)} m_{010}^{(22)} - m_{100}^{(11)} m_{100}^{(20)} m_{010}^{(20)} m_{001}^{(21)} \\
& -m_{100}^{(11)} m_{100}^{(20)} m_{010}^{(21)} m_{001}^{(20)} + 4m_{100}^{(11)} m_{100}^{(20)} m_{010}^{(22)} m_{001}^{(10)} - 4m_{100}^{(11)} m_{100}^{(20)} m_{001}^{(10)} m_{001}^{(21)} \\
& +2m_{100}^{(11)} m_{100}^{(20)} m_{001}^{(11)} m_{001}^{(20)} - m_{100}^{(11)} (m_{100}^{(21)})^2 m_{001}^{(20)} - m_{100}^{(11)} m_{100}^{(21)} m_{100}^{(22)} m_{010}^{(20)} \\
& -m_{100}^{(11)} m_{100}^{(21)} m_{100}^{(22)} m_{001}^{(10)} - m_{100}^{(11)} m_{100}^{(21)} m_{010}^{(00)} m_{001}^{(22)} + 2m_{100}^{(11)} m_{100}^{(21)} m_{010}^{(20)} m_{001}^{(20)} \\
& -m_{100}^{(11)} m_{100}^{(21)} m_{010}^{(22)} m_{001}^{(00)} - 2m_{100}^{(11)} m_{100}^{(21)} m_{001}^{(00)} m_{001}^{(21)} + 2m_{100}^{(11)} m_{100}^{(21)} m_{001}^{(10)} m_{001}^{(20)} \\
& +m_{100}^{(11)} (m_{100}^{(22)})^2 m_{010}^{(10)} - 2m_{100}^{(11)} m_{100}^{(22)} m_{010}^{(00)} m_{010}^{(22)} + 3m_{100}^{(11)} m_{100}^{(22)} m_{010}^{(00)} m_{001}^{(21)} \\
& -4m_{100}^{(11)} m_{100}^{(22)} m_{010}^{(10)} m_{001}^{(20)} + 3m_{100}^{(11)} m_{100}^{(22)} (m_{010}^{(20)})^2 - 4m_{100}^{(11)} m_{100}^{(22)} m_{010}^{(20)} m_{001}^{(10)} \\
& +3m_{100}^{(11)} m_{100}^{(22)} m_{010}^{(21)} m_{001}^{(00)} - 2m_{100}^{(11)} m_{100}^{(22)} m_{001}^{(00)} m_{001}^{(11)} + 3m_{100}^{(11)} m_{100}^{(22)} (m_{001}^{(10)})^2 \\
& -m_{100}^{(11)} m_{010}^{(00)} m_{010}^{(20)} m_{001}^{(22)} + 3m_{100}^{(11)} m_{010}^{(00)} m_{010}^{(22)} m_{001}^{(20)} + 2m_{100}^{(11)} m_{010}^{(00)} m_{001}^{(10)} m_{001}^{(22)}
\end{aligned}
$$

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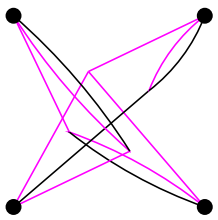
\begin{aligned}
&-4m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{001}^{(21)} - 2m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(22)} + 3m_{100}^{(11)}m_{010}^{(10)}(m_{001}^{(20)})^2\\
&-m_{100}^{(11)}(m_{010}^{(20)})^2m_{001}^{(20)} - m_{100}^{(11)}m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(00)} + 4m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(21)}\\
&-m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(20)} - m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(20)} - m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(10)}\\
&+m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(21)} - m_{100}^{(11)}(m_{001}^{(10)})^2m_{001}^{(20)} + (m_{100}^{(20)})^2m_{010}^{(11)}m_{010}^{(22)}\\
&-(m_{100}^{(20)})^2m_{010}^{(11)}m_{001}^{(21)} - 2(m_{100}^{(20)})^2(m_{010}^{(21)})^2 + 3(m_{100}^{(20)})^2m_{010}^{(21)}m_{001}^{(11)}\\
&-(m_{100}^{(20)})^2(m_{001}^{(11)})^2 - m_{100}^{(20)}(m_{100}^{(21)})^2m_{010}^{(21)} - m_{100}^{(20)}(m_{100}^{(21)})^2m_{001}^{(11)}\\
&+m_{100}^{(20)}m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(11)} - 4m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(22)} + m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(21)}\\
&-m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(20)} + 6m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{010}^{(21)} - m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(11)}\\
&-3m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(10)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(11)} + 2m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(21)}\\
&-m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(11)} - 2m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(20)} + m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(10)}\\
&-m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{010}^{(22)} - m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(21)} + 3m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(11)}\\
&-m_{100}^{(20)}m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(21)} - m_{100}^{(20)}(m_{010}^{(10)})^2m_{001}^{(22)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{010}^{(22)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(21)} - m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(10)} + m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(20)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(20)} - 2m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(00)}\\
&+2m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(21)} - m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{001}^{(20)} - m_{100}^{(20)}(m_{010}^{(20)})^2m_{010}^{(21)}\\
&-m_{100}^{(20)}(m_{010}^{(20)})^2m_{001}^{(11)} - 3m_{100}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(10)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(11)}\\
&+3m_{100}^{(20)}(m_{010}^{(21)})^2m_{001}^{(00)} - 4m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(11)} + 2m_{100}^{(20)}m_{010}^{(21)}(m_{001}^{(10)})^2\\
&+m_{100}^{(20)}m_{001}^{(00)}(m_{001}^{(11)})^2 - m_{100}^{(20)}(m_{001}^{(10)})^2m_{001}^{(11)} + (m_{100}^{(21)})^3m_{010}^{(20)} + (m_{100}^{(21)})^3m_{001}^{(10)}\\
&-(m_{100}^{(21)})^2m_{100}^{(22)}m_{010}^{(10)} + 3(m_{100}^{(21)})^2m_{010}^{(00)}m_{010}^{(22)} - (m_{100}^{(21)})^2m_{010}^{(00)}m_{001}^{(21)}\\
&+2(m_{100}^{(21)})^2m_{010}^{(10)}m_{001}^{(20)} - 4(m_{100}^{(21)})^2(m_{010}^{(20)})^2 + 2(m_{100}^{(21)})^2m_{010}^{(20)}m_{001}^{(10)}\\
&-(m_{100}^{(21)})^2m_{010}^{(21)}m_{001}^{(00)} + 3(m_{100}^{(21)})^2m_{001}^{(00)}m_{001}^{(11)} - 4(m_{100}^{(21)})^2(m_{001}^{(10)})^2\\
&-2m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(21)} - m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(11)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(20)}\\
&+2m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(10)} - m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(00)} + m_{100}^{(21)}m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(22)}\\
&-m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{010}^{(22)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(21)} - m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(20)}\\
&-4m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(10)} - m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(21)} + 4m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(20)}\\
&-3m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(20)} + 4m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(00)} - m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(21)}\\
&-3m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(20)} + m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(20)} + m_{100}^{(21)}(m_{010}^{(20)})^3\\
&+2m_{100}^{(21)}(m_{010}^{(20)})^2m_{001}^{(10)} - m_{100}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(00)} - 4m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(11)}\\
&+2m_{100}^{(21)}m_{010}^{(20)}(m_{001}^{(10)})^2 + 2m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(10)} - m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(11)}\\
&+m_{100}^{(21)}(m_{001}^{(10)})^3 + (m_{100}^{(22)})^2m_{010}^{(00)}m_{010}^{(11)} - (m_{100}^{(22)})^2(m_{010}^{(10)})^2\\
&-m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(21)} - 2m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(20)} + m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{010}^{(21)}\\
&-m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(11)} + 4m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(10)} - m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(11)}\\
&+3m_{100}^{(22)}(m_{010}^{(10)})^2m_{001}^{(20)} - m_{100}^{(22)}m_{010}^{(10)}(m_{010}^{(20)})^2 - m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(10)}\\
&-4m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(00)} + 3m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(11)} - m_{100}^{(22)}m_{010}^{(10)}(m_{001}^{(10)})^2\\
&+2m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(00)} - m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(10)} - (m_{010}^{(00)})^2m_{010}^{(21)}m_{001}^{(22)}\\
&+(m_{010}^{(00)})^2m_{010}^{(22)}m_{001}^{(21)} + (m_{010}^{(00)})^2m_{001}^{(11)}m_{001}^{(22)} - (m_{010}^{(00)})^2(m_{001}^{(21)})^2\\
&+m_{010}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(22)} - m_{010}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(20)} - 2m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(22)}\\
&+2m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{001}^{(21)} + m_{010}^{(00)}m_{010}^{(11)}(m_{001}^{(20)})^2 - m_{010}^{(00)}(m_{010}^{(20)})^2m_{001}^{(21)}
\end{aligned}
$$

$$
\begin{aligned}
&+2m_{010}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(20)} - m_{010}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(10)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(21)}\\
&-2m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(20)} + 2m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(21)} - 4m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(20)}\\
&-2m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(11)} + 3m_{010}^{(00)}m_{010}^{(22)}(m_{001}^{(10)})^2 - m_{010}^{(00)}(m_{001}^{(10)})^2m_{001}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(20)} + (m_{010}^{(10)})^2m_{001}^{(00)}m_{001}^{(22)} - 2(m_{010}^{(10)})^2(m_{001}^{(20)})^2\\
&-m_{010}^{(10)}(m_{010}^{(20)})^2m_{001}^{(20)} + m_{010}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(00)} - 4m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(21)}\\
&+6m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(20)} + 2m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(20)} - 2m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(10)}\\
&+2m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(21)} - m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(20)} - m_{010}^{(10)}(m_{001}^{(10)})^2m_{001}^{(20)}\\
&-2m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(20)} + m_{010}^{(11)}m_{010}^{(22)}(m_{001}^{(00)})^2 - m_{010}^{(11)}(m_{001}^{(00)})^2m_{001}^{(21)}\\
&+m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(20)} + (m_{010}^{(20)})^3m_{001}^{(10)} - (m_{010}^{(20)})^2m_{010}^{(21)}m_{001}^{(00)}\\
&+3(m_{010}^{(20)})^2m_{001}^{(00)}m_{001}^{(11)} - 4(m_{010}^{(20)})^2(m_{001}^{(10)})^2 + 2m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(11)} + m_{010}^{(20)}(m_{001}^{(10)})^3 - (m_{010}^{(21)})^2(m_{001}^{(00)})^2\\
&+m_{010}^{(21)}(m_{001}^{(00)})^2m_{001}^{(11)} - m_{010}^{(21)}m_{001}^{(00)}(m_{001}^{(10)})^2
\end{aligned}
$$

Generating graph:

$$
\begin{array}{rrrr}
V1 & 1 & V1 & V2\\
V2 & V3 & V3 & V4\\
2 & 3 & V4 & 4
\end{array}
$$



$$
\begin{aligned}
T_{14} \;=\;& m_{100}^{(00)}m_{100}^{(11)}(m_{010}^{(22)})^2 - 2m_{100}^{(00)}m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(21)} + m_{100}^{(00)}m_{100}^{(11)}(m_{001}^{(21)})^2\\
&-2m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{010}^{(22)} + 2m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(21)} + 2m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(11)}\\
&-2m_{100}^{(00)}m_{100}^{(21)}m_{001}^{(11)}m_{001}^{(21)} + m_{100}^{(00)}m_{100}^{(22)}(m_{010}^{(21)})^2 - 2m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(11)}\\
&+m_{100}^{(00)}m_{100}^{(22)}(m_{001}^{(11)})^2 - m_{100}^{(00)}m_{010}^{(10)}(m_{010}^{(22)})^2 + 2m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(21)}\\
&-m_{100}^{(00)}m_{010}^{(10)}(m_{001}^{(21)})^2 + m_{100}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{010}^{(22)} - m_{100}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(21)}\\
&-m_{100}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(11)} + m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(21)} - m_{100}^{(00)}(m_{010}^{(21)})^2m_{001}^{(20)}\\
&+m_{100}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(10)} - m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(21)} + 2m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{001}^{(20)}\\
&-m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{001}^{(11)} + m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(21)} - m_{100}^{(00)}(m_{001}^{(11)})^2m_{001}^{(20)}\\
&-(m_{100}^{(10)})^2m_{010}^{(21)}m_{001}^{(22)} + (m_{100}^{(10)})^2(m_{010}^{(22)})^2 - (m_{100}^{(10)})^2m_{010}^{(22)}m_{001}^{(21)}\\
&+(m_{100}^{(10)})^2m_{001}^{(11)}m_{001}^{(22)} + m_{100}^{(10)}m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(22)} - 4m_{100}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(22)}\\
&+3m_{100}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(21)} + m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(22)} + 3m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(20)}
\end{aligned}
$$

$$
\begin{aligned}
&-2m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(10)}m_{001}^{(22)} - 2m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{001}^{(21)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{010}^{(22)}\\
&+4m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(21)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{001}^{(21)} + 3m_{100}^{(10)}(m_{100}^{(21)})^2m_{010}^{(22)}\\
&-5m_{100}^{(10)}(m_{100}^{(21)})^2m_{001}^{(21)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(21)} + m_{100}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(11)}\\
&-m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(22)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{010}^{(22)} + m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(21)}\\
&+m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(20)} - 5m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(10)} + 10m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(21)}\\
&-4m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{001}^{(20)} - m_{100}^{(10)}(m_{100}^{(22)})^2m_{010}^{(11)} + 6m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(22)}\\
&-5m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(21)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(20)} - 4m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{010}^{(21)}\\
&+4m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(11)} - m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(10)} - 2m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{001}^{(11)}\\
&+2m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(22)} - 3m_{100}^{(10)}m_{010}^{(00)}(m_{010}^{(22)})^2 + 4m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(21)}\\
&-2m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(22)} - m_{100}^{(10)}m_{010}^{(00)}(m_{001}^{(21)})^2 - m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(22)}\\
&-5m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(20)} + 2m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{001}^{(21)} + 4m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{001}^{(21)}\\
&-m_{100}^{(10)}m_{010}^{(11)}(m_{001}^{(20)})^2 + 3m_{100}^{(10)}(m_{010}^{(20)})^2m_{010}^{(22)} - 2m_{100}^{(10)}(m_{010}^{(20)})^2m_{001}^{(21)}\\
&+m_{100}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(20)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(10)} + m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(21)}\\
&-m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(20)} + 3m_{100}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(00)} - 5m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(21)}\\
&+m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(20)} - m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(11)} + 3m_{100}^{(10)}m_{010}^{(22)}(m_{001}^{(10)})^2\\
&+3m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(21)} - 5m_{100}^{(10)}(m_{001}^{(10)})^2m_{001}^{(21)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(20)}\\
&-(m_{100}^{(11)})^2m_{100}^{(20)}m_{001}^{(22)} + 2(m_{100}^{(11)})^2(m_{100}^{(22)})^2 - 3(m_{100}^{(11)})^2m_{100}^{(22)}m_{001}^{(20)}\\
&+(m_{100}^{(11)})^2m_{001}^{(00)}m_{001}^{(22)} + (m_{100}^{(11)})^2(m_{001}^{(20)})^2 + m_{100}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(22)}\\
&+2m_{100}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(21)} + 3m_{100}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(21)} - 4m_{100}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{001}^{(11)}\\
&+2m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(22)} - 2m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{010}^{(22)} - m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(21)}\\
&-5m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(20)} + 4m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(10)} - 4m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(21)}\\
&+6m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{001}^{(20)} - 4m_{100}^{(11)}(m_{100}^{(21)})^2m_{100}^{(22)} + 3m_{100}^{(11)}(m_{100}^{(21)})^2m_{001}^{(20)}\\
&+3m_{100}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(20)} + 3m_{100}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(10)} - m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(22)}\\
&-2m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(20)} - m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(00)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(21)}\\
&-2m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(20)} - 3m_{100}^{(11)}(m_{100}^{(22)})^2m_{010}^{(10)} + 2m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(22)}\\
&-m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(21)} + 4m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(20)} - m_{100}^{(11)}m_{100}^{(22)}(m_{010}^{(20)})^2\\
&-m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(00)} + 2m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(11)} - m_{100}^{(11)}m_{100}^{(22)}(m_{001}^{(10)})^2\\
&-m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(22)} - m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(20)} + 2m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(22)}\\
&-2m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(22)} - m_{100}^{(11)}m_{010}^{(10)}(m_{001}^{(20)})^2 + 3m_{100}^{(11)}(m_{010}^{(20)})^2m_{001}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(00)} + 4m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(21)} - 5m_{100}^{(11)}m_{010}^{(20)}m_{010}^{(10)}m_{001}^{(20)}\\
&+3m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(20)} - m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(10)} + m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(21)}\\
&-4m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(20)} + 3m_{100}^{(11)}(m_{001}^{(10)})^2m_{001}^{(20)} + (m_{100}^{(20)})^2m_{010}^{(11)}m_{010}^{(22)}\\
&-(m_{100}^{(20)})^2m_{010}^{(11)}m_{001}^{(21)} - (m_{100}^{(20)})^2m_{010}^{(21)}m_{001}^{(11)} + (m_{100}^{(20)})^2(m_{001}^{(11)})^2\\
&-5m_{100}^{(20)}(m_{100}^{(21)})^2m_{010}^{(21)} + 3m_{100}^{(20)}(m_{100}^{(21)})^2m_{001}^{(11)} + m_{100}^{(20)}m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(11)}\\
&-4m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(22)} + m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(21)} - m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(20)}\\
&+10m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{010}^{(21)} - 5m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(11)} + m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(10)}\\
&-2m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(11)} - 2m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(21)} + 3m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(11)}\\
&-2m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(20)} + m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(10)} + 3m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{010}^{(22)}
\end{aligned}
$$

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\begin{aligned}
&-5m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(21)} - m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(11)} + 3m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(21)}\\
&-m_{100}^{(20)}(m_{010}^{(10)})^2m_{001}^{(22)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{010}^{(22)} + m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(21)}\\
&+4m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(20)} - m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(10)} + m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(21)}\\
&-5m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(20)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(20)} - 2m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(00)}\\
&+2m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(21)} - m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{001}^{(20)} - 5m_{100}^{(20)}(m_{010}^{(20)})^2m_{010}^{(21)}\\
&+3m_{100}^{(20)}(m_{010}^{(20)})^2m_{001}^{(11)} + m_{100}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(10)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(11)}\\
&-m_{100}^{(20)}(m_{010}^{(21)})^2m_{001}^{(00)} + 4m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(11)} - 2m_{100}^{(20)}m_{010}^{(21)}(m_{001}^{(10)})^2\\
&-3m_{100}^{(20)}m_{001}^{(00)}(m_{001}^{(11)})^2 + 3m_{100}^{(20)}(m_{001}^{(10)})^2m_{001}^{(11)} + 2(m_{100}^{(21)})^4 - 3(m_{100}^{(21)})^3m_{010}^{(20)}\\
&-3(m_{100}^{(21)})^3m_{001}^{(10)} + 3(m_{100}^{(21)})^2m_{100}^{(22)}m_{010}^{(10)} - (m_{100}^{(21)})^2m_{010}^{(00)}m_{010}^{(22)}\\
&+3(m_{100}^{(21)})^2m_{010}^{(00)}m_{001}^{(21)} - 2(m_{100}^{(21)})^2m_{010}^{(10)}m_{001}^{(20)} + 2(m_{100}^{(21)})^2(m_{010}^{(20)})^2\\
&+2(m_{100}^{(21)})^2m_{010}^{(20)}m_{001}^{(10)} + 3(m_{100}^{(21)})^2m_{010}^{(21)}m_{001}^{(00)} - (m_{100}^{(21)})^2m_{001}^{(00)}m_{001}^{(11)}\\
&+2(m_{100}^{(21)})^2(m_{001}^{(10)})^2 - 2m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(21)} - m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(11)}\\
&-2m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(20)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(10)} - m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(00)}\\
&+m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(22)} + 3m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{010}^{(22)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(21)}\\
&-m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(20)} - 5m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(21)} + 4m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(20)} + 4m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(00)} - m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(20)} + m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(20)} - 3m_{100}^{(21)}(m_{010}^{(20)})^3\\
&+2m_{100}^{(21)}(m_{010}^{(20)})^2m_{001}^{(10)} - 5m_{100}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(00)} + 2m_{100}^{(21)}m_{010}^{(20)}(m_{001}^{(10)})^2\\
&-2m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(10)} + 3m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(11)} - 3m_{100}^{(21)}(m_{001}^{(10)})^3\\
&+(m_{100}^{(22)})^2m_{010}^{(00)}m_{010}^{(11)} + (m_{100}^{(22)})^2(m_{010}^{(10)})^2 - 4m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{010}^{(22)}\\
&+3m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(21)} - 2m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(20)} + m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{010}^{(21)}\\
&-m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(11)} + 4m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(10)} - m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(11)}\\
&-m_{100}^{(22)}(m_{010}^{(10)})^2m_{001}^{(20)} + 3m_{100}^{(22)}m_{010}^{(10)}(m_{010}^{(20)})^2 - 5m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(10)}\\
&-m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(11)} + 3m_{100}^{(22)}m_{010}^{(10)}(m_{001}^{(10)})^2 + 2m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(00)}\\
&-m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(10)} - (m_{010}^{(00)})^2m_{010}^{(21)}m_{001}^{(22)} + 2(m_{010}^{(00)})^2(m_{010}^{(22)})^2\\
&-3(m_{010}^{(00)})^2m_{010}^{(22)}m_{001}^{(21)} + (m_{010}^{(00)})^2m_{001}^{(11)}m_{001}^{(22)} + (m_{010}^{(00)})^2(m_{001}^{(21)})^2\\
&+m_{010}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(22)} + 3m_{010}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(20)} - 2m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(22)}\\
&-2m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{001}^{(21)} + m_{010}^{(00)}m_{010}^{(11)}(m_{001}^{(20)})^2 - 4m_{010}^{(00)}(m_{010}^{(20)})^2m_{010}^{(22)}\\
&+3m_{010}^{(00)}(m_{010}^{(20)})^2m_{001}^{(21)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(20)} + 3m_{010}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(10)}\\
&-2m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(21)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(20)} - 4m_{010}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(00)}\\
&+6m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(21)} - 4m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(20)} + 2m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(11)}\\
&-m_{010}^{(00)}m_{010}^{(22)}(m_{001}^{(10)})^2 - 4m_{010}^{(00)}m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(21)} + 3m_{010}^{(00)}(m_{001}^{(10)})^2m_{001}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(20)} + (m_{010}^{(10)})^2m_{001}^{(00)}m_{001}^{(22)} - 5m_{010}^{(10)}(m_{010}^{(20)})^2m_{001}^{(20)}\\
&+m_{010}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(00)} - 4m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(21)} + 10m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(20)}\\
&-2m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(20)} - 2m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(10)} + 2m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(21)}\\
&+3m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(20)} - 5m_{010}^{(10)}(m_{001}^{(10)})^2m_{001}^{(20)} - 2m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(20)}\\
&+m_{010}^{(11)}m_{010}^{(22)}(m_{001}^{(00)})^2 - m_{010}^{(11)}(m_{001}^{(00)})^2m_{001}^{(21)} + m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(20)} + 2(m_{010}^{(20)})^4\\
&-3(m_{010}^{(20)})^3m_{001}^{(10)} + 3(m_{010}^{(20)})^2m_{010}^{(21)}m_{001}^{(00)} - (m_{010}^{(20)})^2m_{001}^{(00)}m_{001}^{(11)}
\end{aligned}
$$

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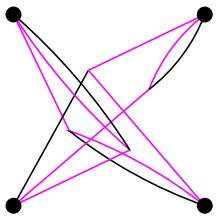
\begin{aligned}
&+2(m_{010}^{(20)})^2(m_{001}^{(10)})^2 - 2m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(10)} + 3m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(11)}\\
&-3m_{010}^{(20)}(m_{001}^{(10)})^3 + (m_{010}^{(21)})^2(m_{001}^{(00)})^2 - 3m_{010}^{(21)}(m_{001}^{(00)})^2m_{001}^{(11)}\\
&+3m_{010}^{(21)}m_{001}^{(00)}(m_{001}^{(10)})^2 + 2(m_{001}^{(00)})^2(m_{001}^{(11)})^2 - 4m_{001}^{(00)}(m_{001}^{(10)})^2m_{001}^{(11)} + 2(m_{001}^{(10)})^4
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & V1 & 1 & V2\\
V2 & V3 & V3 & V4\\
2 & 3 & V4 & 4
\end{array}
$$



$$
\begin{aligned}
T_{15} \;=\;& (m_{100}^{(10)})^2(m_{010}^{(22)})^2 - 2(m_{100}^{(10)})^2m_{010}^{(22)}m_{001}^{(21)} + (m_{100}^{(10)})^2(m_{001}^{(21)})^2\\
&-2m_{100}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(22)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(21)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(20)}\\
&-2m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{001}^{(21)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{010}^{(22)} + 2m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(21)}\\
&+2m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(11)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{001}^{(21)} + 2m_{100}^{(10)}(m_{100}^{(21)})^2m_{010}^{(22)}\\
&-2m_{100}^{(10)}(m_{100}^{(21)})^2m_{001}^{(21)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{010}^{(22)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(21)}\\
&-2m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(10)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(21)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(22)}\\
&-2m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(21)} - 2m_{100}^{(10)}m_{010}^{(00)}(m_{010}^{(22)})^2 + 4m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(21)}\\
&-2m_{100}^{(10)}m_{010}^{(00)}(m_{001}^{(21)})^2 - 2m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(20)} + 2m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(21)}\\
&+2m_{100}^{(10)}(m_{010}^{(20)})^2m_{010}^{(22)} - 2m_{100}^{(10)}(m_{010}^{(20)})^2m_{001}^{(21)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(10)}\\
&+2m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(21)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(00)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(21)}\\
&-2m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(11)} + 2m_{100}^{(10)}m_{010}^{(22)}(m_{001}^{(10)})^2 + 2m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(21)}\\
&-2m_{100}^{(10)}(m_{001}^{(10)})^2m_{001}^{(21)} + (m_{100}^{(11)})^2(m_{100}^{(22)})^2 - 2(m_{100}^{(11)})^2m_{100}^{(22)}m_{001}^{(20)}\\
&+(m_{100}^{(11)})^2(m_{001}^{(20)})^2 + 2m_{100}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(21)} - 2m_{100}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{001}^{(11)}\\
&-2m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(20)} + 2m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{001}^{(20)} - 2m_{100}^{(11)}(m_{100}^{(21)})^2m_{100}^{(22)}\\
&+2m_{100}^{(11)}(m_{100}^{(21)})^2m_{001}^{(20)} + 2m_{100}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(20)} + 2m_{100}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(10)}\\
&-2m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(20)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(20)} - 2m_{100}^{(11)}(m_{100}^{(22)})^2m_{010}^{(10)}\\
&+2m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(22)} - 2m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(21)} + 4m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(20)}\\
&-2m_{100}^{(11)}m_{100}^{(22)}(m_{010}^{(20)})^2 + 2m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(10)} - 2m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(00)}\\
&+2m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(11)} - 2m_{100}^{(11)}m_{100}^{(22)}(m_{001}^{(10)})^2 - 2m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(20)}\\
&+2m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{001}^{(21)} - 2m_{100}^{(11)}m_{010}^{(10)}(m_{001}^{(20)})^2 + 2m_{100}^{(11)}(m_{010}^{(20)})^2m_{001}^{(20)}
\end{aligned}
$$

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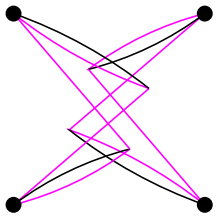
\begin{aligned}
&-2m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(20)} + 2m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(20)} - 2m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(20)}\\
&+2m_{100}^{(11)}(m_{001}^{(10)})^2m_{001}^{(20)} + (m_{100}^{(20)})^2(m_{010}^{(21)})^2 - 2(m_{100}^{(20)})^2m_{010}^{(21)}m_{001}^{(11)}\\
&+(m_{100}^{(20)})^2(m_{001}^{(11)})^2 - 2m_{100}^{(20)}(m_{100}^{(21)})^2m_{010}^{(21)} + 2m_{100}^{(20)}(m_{100}^{(21)})^2m_{001}^{(11)}\\
&+2m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{010}^{(21)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(11)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(10)}\\
&-2m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(11)} - 2m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(21)} + 2m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(11)}\\
&+2m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{010}^{(22)} - 2m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(21)} - 2m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(11)}\\
&+2m_{100}^{(20)}m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(21)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(20)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(20)}\\
&-2m_{100}^{(20)}(m_{010}^{(20)})^2m_{010}^{(21)} + 2m_{100}^{(20)}(m_{010}^{(20)})^2m_{001}^{(11)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(10)}\\
&-2m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(11)} - 2m_{100}^{(20)}(m_{010}^{(21)})^2m_{001}^{(00)} + 4m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(11)}\\
&-2m_{100}^{(20)}m_{010}^{(21)}(m_{001}^{(10)})^2 - 2m_{100}^{(20)}m_{001}^{(00)}(m_{001}^{(11)})^2 + 2m_{100}^{(20)}(m_{001}^{(10)})^2m_{001}^{(11)} + (m_{100}^{(21)})^4\\
&-2(m_{100}^{(21)})^3m_{010}^{(20)} - 2(m_{100}^{(21)})^3m_{001}^{(10)} + 2(m_{100}^{(21)})^2m_{100}^{(22)}m_{010}^{(10)}\\
&-2(m_{100}^{(21)})^2m_{010}^{(00)}m_{010}^{(22)} + 2(m_{100}^{(21)})^2m_{010}^{(00)}m_{001}^{(21)} - 2(m_{100}^{(21)})^2m_{010}^{(10)}m_{001}^{(20)}\\
&+3(m_{100}^{(21)})^2(m_{010}^{(20)})^2 + 2(m_{100}^{(21)})^2m_{010}^{(21)}m_{001}^{(00)} - 2(m_{100}^{(21)})^2m_{001}^{(00)}m_{001}^{(11)}\\
&+3(m_{100}^{(21)})^2(m_{001}^{(10)})^2 - 2m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(20)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(10)}\\
&+2m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{010}^{(22)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(21)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(10)}\\
&-2m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(21)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(20)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(20)}\\
&-2m_{100}^{(21)}(m_{010}^{(20)})^3 - 2m_{100}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(00)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(11)}\\
&-2m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(10)} + 2m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(11)} - 2m_{100}^{(21)}(m_{001}^{(10)})^3\\
&+(m_{100}^{(22)})^2(m_{010}^{(10)})^2 - 2m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{010}^{(22)} + 2m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(21)}\\
&-2m_{100}^{(22)}(m_{010}^{(10)})^2m_{001}^{(20)} + 2m_{100}^{(22)}m_{010}^{(10)}(m_{010}^{(20)})^2 - 2m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(10)}\\
&+2m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(00)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(11)} + 2m_{100}^{(22)}m_{010}^{(10)}(m_{001}^{(10)})^2\\
&+(m_{010}^{(00)})^2(m_{010}^{(22)})^2 - 2(m_{010}^{(00)})^2m_{010}^{(22)}m_{001}^{(21)} + (m_{010}^{(00)})^2(m_{001}^{(21)})^2\\
&+2m_{010}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(20)} - 2m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{001}^{(21)} - 2m_{010}^{(00)}(m_{010}^{(20)})^2m_{010}^{(22)}\\
&+2m_{010}^{(00)}(m_{010}^{(20)})^2m_{001}^{(21)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(10)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(21)}\\
&-2m_{010}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(00)} + 2m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(21)} + 2m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(11)}\\
&-2m_{010}^{(00)}m_{010}^{(22)}(m_{001}^{(10)})^2 - 2m_{010}^{(00)}m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(21)} + 2m_{010}^{(00)}(m_{001}^{(10)})^2m_{001}^{(21)}\\
&+(m_{010}^{(10)})^2(m_{001}^{(20)})^2 - 2m_{010}^{(10)}(m_{010}^{(20)})^2m_{001}^{(20)} + 2m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(20)}\\
&-2m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(20)} + 2m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(20)} - 2m_{010}^{(10)}(m_{001}^{(10)})^2m_{001}^{(20)}\\
&+(m_{010}^{(20)})^4 - 2(m_{010}^{(20)})^3m_{001}^{(10)} + 2(m_{010}^{(20)})^2m_{010}^{(21)}m_{001}^{(00)} - 2(m_{010}^{(20)})^2m_{001}^{(00)}m_{001}^{(11)}\\
&+3(m_{010}^{(20)})^2(m_{001}^{(10)})^2 - 2m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(10)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(11)}\\
&-2m_{010}^{(20)}(m_{001}^{(10)})^3 + (m_{010}^{(21)})^2(m_{001}^{(00)})^2 - 2m_{010}^{(21)}(m_{001}^{(00)})^2m_{001}^{(11)}\\
&+2m_{010}^{(21)}m_{001}^{(00)}(m_{001}^{(10)})^2 + (m_{001}^{(00)})^2(m_{001}^{(11)})^2 - 2m_{001}^{(00)}(m_{001}^{(10)})^2m_{001}^{(11)} + (m_{001}^{(10)})^4
\end{aligned}
$$

Generating graph:

$V1$	$V1$	$V3$	$V3$
1	$V2$	3	$V4$
$V2$	2	$V4$	4



$$
\begin{aligned}
T_{16} \;=\;& (m_{000}^{(00)})^2 m_{000}^{(11)} m_{010}^{(21)} m_{001}^{(22)} - (m_{000}^{(00)})^2 m_{000}^{(11)} m_{010}^{(22)} m_{001}^{(21)} - (m_{000}^{(00)})^2 m_{000}^{(21)} m_{010}^{(11)} m_{001}^{(22)} \\
&+ (m_{000}^{(00)})^2 m_{000}^{(21)} m_{010}^{(22)} m_{001}^{(11)} + (m_{000}^{(00)})^2 m_{000}^{(22)} m_{010}^{(11)} m_{001}^{(21)} \\
&- (m_{000}^{(00)})^2 m_{000}^{(22)} m_{010}^{(21)} m_{001}^{(11)} - m_{000}^{(00)} (m_{000}^{(10)})^2 m_{010}^{(21)} m_{001}^{(22)} \\
&+ m_{000}^{(00)} (m_{000}^{(10)})^2 m_{010}^{(22)} m_{001}^{(21)} - m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(21)} m_{001}^{(22)} \\
&+ m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(22)} m_{001}^{(21)} - m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(11)} m_{010}^{(20)} m_{001}^{(22)} \\
&+ m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(11)} m_{010}^{(22)} m_{001}^{(20)} + m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(20)} m_{010}^{(11)} m_{001}^{(22)} \\
&- m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(20)} m_{010}^{(22)} m_{001}^{(11)} + m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(21)} m_{100}^{(11)} m_{001}^{(22)} \\
&- m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(21)} m_{100}^{(22)} m_{001}^{(11)} + 2 m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(21)} m_{010}^{(10)} m_{001}^{(22)} \\
&- 2 m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(21)} m_{010}^{(22)} m_{001}^{(10)} - m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{100}^{(11)} m_{001}^{(21)} \\
&+ m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{100}^{(21)} m_{001}^{(11)} - 2 m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{010}^{(10)} m_{001}^{(21)} \\
&- m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{010}^{(11)} m_{001}^{(20)} + m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{010}^{(20)} m_{001}^{(11)} \\
&+ 2 m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{010}^{(21)} m_{001}^{(10)} + m_{000}^{(00)} (m_{000}^{(11)})^2 m_{100}^{(20)} m_{001}^{(22)} \\
&- m_{000}^{(00)} (m_{000}^{(11)})^2 m_{100}^{(22)} m_{001}^{(20)} + m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(21)} m_{010}^{(22)} \\
&- m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(22)} m_{010}^{(21)} - m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{010}^{(10)} m_{001}^{(22)} \\
&+ 2 m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{010}^{(20)} m_{001}^{(21)} - 2 m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{010}^{(21)} m_{001}^{(20)} \\
&+ m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{010}^{(22)} m_{001}^{(10)} - m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{100}^{(10)} m_{001}^{(22)} \\
&- m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{100}^{(20)} m_{010}^{(22)} - 2 m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{100}^{(20)} m_{001}^{(21)} \\
&+ 2 m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{100}^{(21)} m_{001}^{(20)} + m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{100}^{(22)} m_{010}^{(20)} \\
&+ m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{100}^{(22)} m_{001}^{(10)} + m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(10)} m_{001}^{(21)} \\
&+ m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(20)} m_{010}^{(21)} - m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(21)} m_{010}^{(20)} \\
&- m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(21)} m_{001}^{(10)} + m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} m_{010}^{(10)} m_{001}^{(20)} \\
&- m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} m_{010}^{(20)} m_{001}^{(10)} - m_{000}^{(00)} (m_{000}^{(20)})^2 m_{010}^{(11)} m_{001}^{(21)} \\
&+ m_{000}^{(00)} (m_{000}^{(20)})^2 m_{010}^{(21)} m_{001}^{(11)} - m_{000}^{(00)} m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(11)} m_{010}^{(22)} \\
&+ m_{000}^{(00)} m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(22)} m_{010}^{(11)} + 2 m_{000}^{(00)} m_{000}^{(20)} m_{000}^{(21)} m_{010}^{(11)} m_{001}^{(20)} \\
&- 2 m_{000}^{(00)} m_{000}^{(20)} m_{000}^{(21)} m_{010}^{(20)} m_{001}^{(11)} + m_{000}^{(00)} m_{000}^{(20)} m_{000}^{(22)} m_{100}^{(11)} m_{010}^{(21)} \\
&- m_{000}^{(00)} m_{000}^{(20)} m_{000}^{(22)} m_{100}^{(21)} m_{010}^{(11)} + m_{000}^{(00)} m_{000}^{(20)} m_{000}^{(22)} m_{010}^{(10)} m_{001}^{(11)} \\
&- m_{000}^{(00)} m_{000}^{(20)} m_{000}^{(22)} m_{010}^{(11)} m_{001}^{(10)} + m_{000}^{(00)} (m_{000}^{(21)})^2 m_{100}^{(10)} m_{010}^{(22)} \\
&+ m_{000}^{(00)} (m_{000}^{(21)})^2 m_{100}^{(10)} m_{001}^{(21)} - m_{000}^{(00)} (m_{000}^{(21)})^2 m_{100}^{(11)} m_{001}^{(20)} \\
&+ m_{000}^{(00)} (m_{000}^{(21)})^2 m_{100}^{(20)} m_{010}^{(21)} + m_{000}^{(00)} (m_{000}^{(21)})^2 m_{100}^{(20)} m_{001}^{(11)} \\
&- m_{000}^{(00)} (m_{000}^{(21)})^2 m_{100}^{(21)} m_{010}^{(20)} - m_{000}^{(00)} (m_{000}^{(21)})^2 m_{100}^{(21)} m_{001}^{(10)} \\
&- m_{000}^{(00)} (m_{000}^{(21)})^2 m_{100}^{(22)} m_{010}^{(10)} - m_{000}^{(00)} (m_{000}^{(21)})^2 m_{010}^{(10)} m_{001}^{(20)} \\
&+ m_{000}^{(00)} (m_{000}^{(21)})^2 m_{010}^{(20)} m_{001}^{(10)} - 2 m_{000}^{(00)} m_{000}^{(21)} m_{000}^{(22)} m_{100}^{(10)} m_{010}^{(21)} \\
&- m_{000}^{(00)} m_{000}^{(21)} m_{000}^{(22)} m_{100}^{(10)} m_{001}^{(11)} + m_{000}^{(00)} m_{000}^{(21)} m_{000}^{(22)} m_{100}^{(11)} m_{010}^{(20)} \\
&+ m_{000}^{(00)} m_{000}^{(21)} m_{000}^{(22)} m_{100}^{(11)} m_{001}^{(10)} - m_{000}^{(00)} m_{000}^{(21)} m_{000}^{(22)} m_{100}^{(20)} m_{010}^{(11)} \\
&+ 2 m_{000}^{(00)} m_{000}^{(21)} m_{000}^{(22)} m_{100}^{(21)} m_{010}^{(10)} + m_{000}^{(00)} (m_{000}^{(22)})^2 m_{100}^{(10)} m_{010}^{(11)} \\
&- m_{000}^{(00)} (m_{000}^{(22)})^2 m_{100}^{(11)} m_{010}^{(10)} + (m_{000}^{(10)})^3 m_{100}^{(21)} m_{001}^{(22)} - (m_{000}^{(10)})^3 m_{100}^{(22)} m_{001}^{(21)} \\
&+ (m_{000}^{(10)})^3 m_{010}^{(20)} m_{001}^{(22)} - (m_{000}^{(10)})^3 m_{010}^{(22)} m_{001}^{(20)} - (m_{000}^{(10)})^2 m_{000}^{(11)} m_{100}^{(20)} m_{001}^{(22)} \\
&+ (m_{000}^{(10)})^2 m_{000}^{(11)} m_{100}^{(22)} m_{001}^{(20)} - (m_{000}^{(10)})^2 m_{000}^{(20)} m_{100}^{(11)} m_{001}^{(22)}
\end{aligned}
$$

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\begin{aligned}
&-(m_{000}^{(10)})^2 m_{000}^{(20)} m_{100}^{(21)} m_{010}^{(22)} + (m_{000}^{(10)})^2 m_{000}^{(20)} m_{100}^{(22)} m_{010}^{(21)} \\
&+(m_{000}^{(10)})^2 m_{000}^{(20)} m_{100}^{(22)} m_{001}^{(11)} - (m_{000}^{(10)})^2 m_{000}^{(20)} m_{010}^{(10)} m_{001}^{(22)} \\
&-2(m_{000}^{(10)})^2 m_{000}^{(20)} m_{010}^{(20)} m_{001}^{(21)} + 2(m_{000}^{(10)})^2 m_{000}^{(20)} m_{010}^{(21)} m_{001}^{(20)} \\
&+(m_{000}^{(10)})^2 m_{000}^{(20)} m_{010}^{(22)} m_{001}^{(10)} - (m_{000}^{(10)})^2 m_{000}^{(21)} m_{100}^{(10)} m_{001}^{(22)} \\
&+(m_{000}^{(10)})^2 m_{000}^{(21)} m_{100}^{(20)} m_{010}^{(22)} + 2(m_{000}^{(10)})^2 m_{000}^{(21)} m_{100}^{(20)} m_{001}^{(21)} \\
&-2(m_{000}^{(10)})^2 m_{000}^{(21)} m_{100}^{(21)} m_{001}^{(20)} - (m_{000}^{(10)})^2 m_{000}^{(21)} m_{100}^{(22)} m_{010}^{(20)} \\
&+(m_{000}^{(10)})^2 m_{000}^{(21)} m_{100}^{(22)} m_{001}^{(10)} - (m_{000}^{(10)})^2 m_{000}^{(21)} m_{010}^{(00)} m_{001}^{(22)} \\
&+(m_{000}^{(10)})^2 m_{000}^{(21)} m_{010}^{(22)} m_{001}^{(00)} + (m_{000}^{(10)})^2 m_{000}^{(22)} m_{100}^{(10)} m_{001}^{(21)} \\
&+(m_{000}^{(10)})^2 m_{000}^{(22)} m_{100}^{(11)} m_{001}^{(20)} - (m_{000}^{(10)})^2 m_{000}^{(22)} m_{100}^{(20)} m_{010}^{(21)} \\
&-(m_{000}^{(10)})^2 m_{000}^{(22)} m_{100}^{(20)} m_{001}^{(11)} + (m_{000}^{(10)})^2 m_{000}^{(22)} m_{100}^{(21)} m_{010}^{(20)} \\
&-(m_{000}^{(10)})^2 m_{000}^{(22)} m_{100}^{(21)} m_{001}^{(10)} + (m_{000}^{(10)})^2 m_{000}^{(22)} m_{010}^{(00)} m_{001}^{(21)} \\
&+(m_{000}^{(10)})^2 m_{000}^{(22)} m_{010}^{(10)} m_{001}^{(20)} - (m_{000}^{(10)})^2 m_{000}^{(22)} m_{010}^{(20)} m_{001}^{(10)} \\
&-(m_{000}^{(10)})^2 m_{000}^{(22)} m_{010}^{(21)} m_{001}^{(00)} + 2m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(10)} m_{001}^{(22)} \\
&-2m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(22)} m_{001}^{(10)} + m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(20)} m_{010}^{(00)} m_{001}^{(22)} \\
&-m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(20)} m_{010}^{(22)} m_{001}^{(00)} + m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(21)} m_{100}^{(00)} m_{001}^{(22)} \\
&-m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(21)} m_{100}^{(22)} m_{001}^{(00)} - m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(00)} m_{001}^{(21)} \\
&-2m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(10)} m_{001}^{(20)} + 2m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(20)} m_{001}^{(10)} \\
&+m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(21)} m_{001}^{(00)} - m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(22)} m_{010}^{(00)} m_{001}^{(20)} \\
&+m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(22)} m_{010}^{(20)} m_{001}^{(00)} + m_{000}^{(10)} (m_{000}^{(20)})^2 m_{100}^{(11)} m_{010}^{(22)} \\
&+m_{000}^{(10)} (m_{000}^{(20)})^2 m_{100}^{(11)} m_{001}^{(21)} - m_{000}^{(10)} (m_{000}^{(20)})^2 m_{100}^{(21)} m_{001}^{(11)} \\
&-m_{000}^{(10)} (m_{000}^{(20)})^2 m_{100}^{(22)} m_{010}^{(11)} + 2m_{000}^{(10)} (m_{000}^{(20)})^2 m_{010}^{(10)} m_{001}^{(21)} \\
&-m_{000}^{(10)} (m_{000}^{(20)})^2 m_{010}^{(11)} m_{001}^{(20)} + m_{000}^{(10)} (m_{000}^{(20)})^2 m_{010}^{(20)} m_{001}^{(11)} \\
&-2m_{000}^{(10)} (m_{000}^{(20)})^2 m_{010}^{(21)} m_{001}^{(10)} - 2m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(10)} m_{001}^{(21)} \\
&-2m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(20)} m_{010}^{(21)} + 2m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(21)} m_{010}^{(20)} \\
&+2m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(21)} m_{001}^{(10)} - 2m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(21)} m_{010}^{(10)} m_{001}^{(20)} \\
&+2m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(21)} m_{010}^{(20)} m_{001}^{(10)} - 2m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(22)} m_{100}^{(11)} m_{010}^{(20)} \\
&+2m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(22)} m_{100}^{(20)} m_{010}^{(11)} - m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(22)} m_{010}^{(00)} m_{001}^{(11)} \\
&+m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(22)} m_{010}^{(11)} m_{001}^{(00)} - m_{000}^{(10)} (m_{000}^{(21)})^2 m_{100}^{(00)} m_{010}^{(22)} \\
&-m_{000}^{(10)} (m_{000}^{(21)})^2 m_{100}^{(00)} m_{001}^{(21)} + 2m_{000}^{(10)} (m_{000}^{(21)})^2 m_{100}^{(10)} m_{001}^{(20)} \\
&-2m_{000}^{(10)} (m_{000}^{(21)})^2 m_{100}^{(20)} m_{001}^{(10)} + m_{000}^{(10)} (m_{000}^{(21)})^2 m_{100}^{(21)} m_{001}^{(00)} \\
&+m_{000}^{(10)} (m_{000}^{(21)})^2 m_{100}^{(22)} m_{010}^{(00)} + m_{000}^{(10)} (m_{000}^{(21)})^2 m_{010}^{(00)} m_{001}^{(20)} \\
&-m_{000}^{(10)} (m_{000}^{(21)})^2 m_{010}^{(20)} m_{001}^{(00)} + 2m_{000}^{(10)} m_{000}^{(21)} m_{000}^{(22)} m_{100}^{(00)} m_{001}^{(11)} \\
&+m_{000}^{(10)} m_{000}^{(21)} m_{000}^{(22)} m_{100}^{(00)} m_{001}^{(11)} - m_{000}^{(10)} m_{000}^{(21)} m_{000}^{(22)} m_{100}^{(11)} m_{001}^{(00)} \\
&-2m_{000}^{(10)} m_{000}^{(21)} m_{000}^{(22)} m_{100}^{(21)} m_{010}^{(00)} - m_{000}^{(10)} (m_{000}^{(22)})^2 m_{100}^{(00)} m_{010}^{(11)} \\
&+m_{000}^{(10)} (m_{000}^{(22)})^2 m_{100}^{(11)} m_{010}^{(00)} - (m_{000}^{(11)})^2 m_{000}^{(20)} m_{100}^{(00)} m_{001}^{(22)} \\
&+(m_{000}^{(11)})^2 m_{000}^{(20)} m_{100}^{(22)} m_{001}^{(00)} + (m_{000}^{(11)})^2 m_{000}^{(22)} m_{100}^{(00)} m_{001}^{(20)} \\
&-(m_{000}^{(11)})^2 m_{000}^{(22)} m_{100}^{(20)} m_{001}^{(00)} - m_{000}^{(11)} (m_{000}^{(20)})^2 m_{100}^{(10)} m_{010}^{(22)} \\
&-m_{000}^{(11)} (m_{000}^{(20)})^2 m_{100}^{(10)} m_{001}^{(21)} + m_{000}^{(11)} (m_{000}^{(20)})^2 m_{100}^{(20)} m_{010}^{(21)}
\end{aligned}
$$

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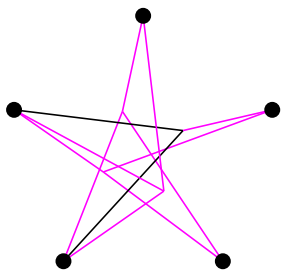
\begin{aligned}
&-m_{000}^{(11)}(m_{000}^{(20)})^2m_{100}^{(21)}m_{010}^{(20)}+m_{000}^{(11)}(m_{000}^{(20)})^2m_{100}^{(21)}m_{001}^{(10)}\\
&+m_{000}^{(11)}(m_{000}^{(20)})^2m_{100}^{(22)}m_{010}^{(10)}-m_{000}^{(11)}(m_{000}^{(20)})^2m_{010}^{(00)}m_{001}^{(21)}\\
&+m_{000}^{(11)}(m_{000}^{(20)})^2m_{010}^{(10)}m_{001}^{(20)}-m_{000}^{(11)}(m_{000}^{(20)})^2m_{010}^{(20)}m_{001}^{(10)}\\
&+m_{000}^{(11)}(m_{000}^{(20)})^2m_{010}^{(21)}m_{001}^{(00)}+m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(22)}\\
&+2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}-2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}\\
&-m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(00)}-m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}\\
&+2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}-2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}\\
&+m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}+m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}\\
&-m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}-m_{000}^{(11)}(m_{000}^{(21)})^2m_{100}^{(00)}m_{001}^{(20)}\\
&+m_{000}^{(11)}(m_{000}^{(21)})^2m_{100}^{(20)}m_{001}^{(00)}-m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(20)}\\
&-m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(10)}+m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(00)}\\
&+m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(00)}+m_{000}^{(11)}(m_{000}^{(22)})^2m_{100}^{(00)}m_{010}^{(10)}\\
&-m_{000}^{(11)}(m_{000}^{(22)})^2m_{100}^{(10)}m_{010}^{(00)}-(m_{000}^{(20)})^3m_{100}^{(11)}m_{010}^{(21)}+(m_{000}^{(20)})^3m_{100}^{(21)}m_{010}^{(11)}\\
&-(m_{000}^{(20)})^3m_{010}^{(10)}m_{001}^{(11)}+(m_{000}^{(20)})^3m_{010}^{(11)}m_{001}^{(10)}+2(m_{000}^{(20)})^2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(21)}\\
&+(m_{000}^{(20)})^2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(11)}+(m_{000}^{(20)})^2m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(20)}\\
&-(m_{000}^{(20)})^2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(10)}-(m_{000}^{(20)})^2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(11)}\\
&-2(m_{000}^{(20)})^2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(10)}+(m_{000}^{(20)})^2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(11)}\\
&-(m_{000}^{(20)})^2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(00)}-(m_{000}^{(20)})^2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}\\
&+(m_{000}^{(20)})^2m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(10)}-m_{000}^{(20)}(m_{000}^{(21)})^2m_{100}^{(00)}m_{010}^{(21)}\\
&-m_{000}^{(20)}(m_{000}^{(21)})^2m_{100}^{(00)}m_{001}^{(11)}-2m_{000}^{(20)}(m_{000}^{(21)})^2m_{100}^{(10)}m_{010}^{(20)}\\
&+m_{000}^{(20)}(m_{000}^{(21)})^2m_{100}^{(11)}m_{001}^{(00)}+2m_{000}^{(20)}(m_{000}^{(21)})^2m_{100}^{(20)}m_{010}^{(10)}\\
&+m_{000}^{(20)}(m_{000}^{(21)})^2m_{100}^{(21)}m_{010}^{(00)}-m_{000}^{(20)}(m_{000}^{(21)})^2m_{010}^{(00)}m_{001}^{(10)}\\
&+m_{000}^{(20)}(m_{000}^{(21)})^2m_{010}^{(10)}m_{001}^{(00)}+m_{000}^{(20)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(11)}\\
&-m_{000}^{(20)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(00)}+(m_{000}^{(21)})^3m_{100}^{(00)}m_{010}^{(20)}+(m_{000}^{(21)})^3m_{100}^{(00)}m_{001}^{(10)}\\
&-(m_{000}^{(21)})^3m_{100}^{(10)}m_{001}^{(00)}-(m_{000}^{(21)})^3m_{100}^{(20)}m_{010}^{(00)}-(m_{000}^{(21)})^2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(10)}\\
&+(m_{000}^{(21)})^2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & 1 & V1 & V2\\
V2 & 2 & V3 & V4\\
V3 & V4 & V5 & V5
\end{array}
$$



$$
\begin{aligned}
T_{17} \;=\;& 2(m_{000}^{(00)})^2 m_{000}^{(11)} m_{010}^{(21)} m_{001}^{(22)} - (m_{000}^{(00)})^2 m_{000}^{(11)} (m_{010}^{(22)})^2 - (m_{000}^{(00)})^2 m_{000}^{(11)} (m_{001}^{(21)})^2 \\
& -2(m_{000}^{(00)})^2 m_{000}^{(21)} m_{010}^{(11)} m_{001}^{(22)} + 2(m_{000}^{(00)})^2 m_{000}^{(21)} m_{010}^{(21)} m_{010}^{(22)} \\
& -2(m_{000}^{(00)})^2 m_{000}^{(21)} m_{010}^{(21)} m_{001}^{(21)} + 2(m_{000}^{(00)})^2 m_{000}^{(21)} m_{001}^{(11)} m_{001}^{(21)} \\
& +2(m_{000}^{(00)})^2 m_{000}^{(22)} m_{010}^{(11)} m_{001}^{(21)} - (m_{000}^{(00)})^2 m_{000}^{(22)} (m_{010}^{(21)})^2 - (m_{000}^{(00)})^2 m_{000}^{(22)} (m_{001}^{(11)})^2 \\
& -2m_{000}^{(00)} (m_{000}^{(10)})^2 m_{010}^{(21)} m_{001}^{(22)} + m_{000}^{(00)} (m_{000}^{(10)})^2 (m_{010}^{(22)})^2 + m_{000}^{(00)} (m_{000}^{(10)})^2 (m_{001}^{(21)})^2 \\
& -2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(21)} m_{001}^{(22)} + 2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(22)} m_{010}^{(22)} \\
& -2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(11)} m_{010}^{(20)} m_{001}^{(22)} + 2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(11)} m_{001}^{(20)} m_{001}^{(21)} \\
& +2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(20)} m_{010}^{(11)} m_{001}^{(22)} - 2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(20)} m_{010}^{(21)} m_{010}^{(22)} \\
& +2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(20)} m_{010}^{(21)} m_{001}^{(21)} - 2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(20)} m_{001}^{(11)} m_{001}^{(21)} \\
& +2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(21)} m_{100}^{(11)} m_{001}^{(22)} - 2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(21)} m_{100}^{(21)} m_{010}^{(22)} \\
& +2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(21)} m_{100}^{(21)} m_{001}^{(21)} - 2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(21)} m_{100}^{(22)} m_{010}^{(21)} \\
& +4m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(21)} m_{010}^{(10)} m_{001}^{(22)} - 2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(21)} m_{010}^{(20)} m_{010}^{(22)} \\
& +2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(21)} m_{010}^{(20)} m_{001}^{(21)} + 2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(21)} m_{010}^{(21)} m_{001}^{(20)} \\
& -4m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(21)} m_{001}^{(10)} m_{001}^{(21)} - 2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(21)} m_{001}^{(11)} m_{001}^{(20)} \\
& -2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{100}^{(11)} m_{001}^{(21)} + 2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{100}^{(21)} m_{010}^{(21)} \\
& -4m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{010}^{(10)} m_{001}^{(21)} - 2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{010}^{(11)} m_{001}^{(20)} \\
& +2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{010}^{(20)} m_{010}^{(21)} + 4m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{001}^{(10)} m_{001}^{(11)} \\
& +2m_{000}^{(00)} (m_{000}^{(11)})^2 m_{100}^{(20)} m_{001}^{(22)} - m_{000}^{(00)} (m_{000}^{(11)})^2 (m_{100}^{(22)})^2 - m_{000}^{(00)} (m_{000}^{(11)})^2 (m_{001}^{(20)})^2 \\
& +2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(21)} m_{001}^{(21)} - 2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(22)} m_{010}^{(21)} \\
& -2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{010}^{(10)} m_{001}^{(22)} + 4m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{010}^{(20)} m_{010}^{(22)} \\
& -4m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{010}^{(21)} m_{001}^{(20)} + 2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{001}^{(10)} m_{001}^{(21)} \\
& -2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{100}^{(10)} m_{001}^{(22)} - 2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{100}^{(20)} m_{010}^{(22)} \\
& -4m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{100}^{(20)} m_{001}^{(21)} + 4m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{100}^{(21)} m_{100}^{(22)} \\
& +2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{010}^{(20)} m_{001}^{(20)} + 2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{001}^{(10)} m_{001}^{(20)} \\
& +2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(10)} m_{001}^{(21)} + 2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(20)} m_{010}^{(21)} \\
& -2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} (m_{100}^{(21)})^2 + 2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} m_{010}^{(10)} m_{001}^{(20)} \\
& -2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} (m_{010}^{(20)})^2 - 2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} (m_{001}^{(10)})^2 \\
& -2m_{000}^{(00)} (m_{000}^{(20)})^2 m_{010}^{(11)} m_{001}^{(21)} + m_{000}^{(00)} (m_{000}^{(20)})^2 (m_{010}^{(21)})^2 + m_{000}^{(00)} (m_{000}^{(20)})^2 (m_{001}^{(11)})^2 \\
& -2m_{000}^{(00)} m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(11)} m_{001}^{(21)} + 2m_{000}^{(00)} m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(21)} m_{010}^{(21)} \\
& -2m_{000}^{(00)} m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(21)} m_{001}^{(11)} + 2m_{000}^{(00)} m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(22)} m_{010}^{(11)} \\
& -2m_{000}^{(00)} m_{000}^{(20)} m_{000}^{(21)} m_{010}^{(10)} m_{010}^{(22)} + 2m_{000}^{(00)} m_{000}^{(20)} m_{000}^{(21)} m_{010}^{(10)} m_{001}^{(21)} \\
& +4m_{000}^{(00)} m_{000}^{(20)} m_{000}^{(21)} m_{010}^{(11)} m_{001}^{(20)} - 4m_{000}^{(00)} m_{000}^{(20)} m_{000}^{(21)} m_{010}^{(20)} m_{010}^{(21)} \\
& +2m_{000}^{(00)} m_{000}^{(20)} m_{000}^{(21)} m_{010}^{(21)} m_{001}^{(10)} - 2m_{000}^{(00)} m_{000}^{(20)} m_{000}^{(21)} m_{001}^{(10)} m_{001}^{(11)} \\
& +2m_{000}^{(00)} m_{000}^{(20)} m_{000}^{(22)} m_{100}^{(11)} m_{001}^{(11)} - 2m_{000}^{(00)} m_{000}^{(20)} m_{000}^{(22)} m_{100}^{(21)} m_{010}^{(11)} \\
& +2m_{000}^{(00)} m_{000}^{(20)} m_{000}^{(22)} m_{010}^{(10)} m_{010}^{(21)} - 2m_{000}^{(00)} m_{000}^{(20)} m_{000}^{(22)} m_{010}^{(11)} m_{001}^{(10)} \\
& +2m_{000}^{(00)} (m_{000}^{(21)})^2 m_{100}^{(10)} m_{010}^{(22)} + 2m_{000}^{(00)} (m_{000}^{(21)})^2 m_{100}^{(10)} m_{001}^{(21)} \\
& -2m_{000}^{(00)} (m_{000}^{(21)})^2 m_{100}^{(11)} m_{100}^{(22)} + 2m_{000}^{(00)} (m_{000}^{(21)})^2 m_{100}^{(20)} m_{010}^{(21)} \\
& +2m_{000}^{(00)} (m_{000}^{(21)})^2 m_{100}^{(20)} m_{001}^{(11)} - 2m_{000}^{(00)} (m_{000}^{(21)})^2 (m_{100}^{(21)})^2
\end{aligned}
$$

$$
\begin{aligned}
&-4m_{000}^{(00)}(m_{000}^{(21)})^2m_{010}^{(10)}m_{001}^{(20)} + m_{000}^{(00)}(m_{000}^{(21)})^2(m_{010}^{(20)})^2\\
&-2m_{000}^{(00)}(m_{000}^{(21)})^2m_{010}^{(20)}m_{001}^{(10)} + m_{000}^{(00)}(m_{000}^{(21)})^2(m_{001}^{(10)})^2\\
&-4m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)} - 2m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}\\
&+4m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(21)} - 2m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}\\
&+2m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)} + 2m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}\\
&+2m_{000}^{(00)}(m_{000}^{(22)})^2m_{100}^{(10)}m_{010}^{(11)} - m_{000}^{(00)}(m_{000}^{(22)})^2(m_{100}^{(11)})^2 - m_{000}^{(00)}(m_{000}^{(22)})^2(m_{010}^{(10)})^2\\
&+2(m_{000}^{(10)})^3m_{100}^{(21)}m_{001}^{(22)} - 2(m_{000}^{(10)})^3m_{100}^{(22)}m_{010}^{(22)} + 2(m_{000}^{(10)})^3m_{010}^{(20)}m_{001}^{(22)}\\
&-2(m_{000}^{(10)})^3m_{001}^{(20)}m_{001}^{(21)} - 2(m_{000}^{(10)})^2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)} + (m_{000}^{(10)})^2m_{000}^{(11)}(m_{100}^{(22)})^2\\
&+(m_{000}^{(10)})^2m_{000}^{(11)}(m_{001}^{(20)})^2 - 2(m_{000}^{(10)})^2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(22)}\\
&+2(m_{000}^{(10)})^2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(22)} - 4(m_{000}^{(10)})^2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(21)}\\
&+4(m_{000}^{(10)})^2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(21)} - 2(m_{000}^{(10)})^2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(22)}\\
&-2(m_{000}^{(10)})^2m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(22)} - 2(m_{000}^{(10)})^2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(21)}\\
&+2(m_{000}^{(10)})^2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(20)} + 2(m_{000}^{(10)})^2m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(21)}\\
&+2(m_{000}^{(10)})^2m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(20)} - 2(m_{000}^{(10)})^2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(22)}\\
&+4(m_{000}^{(10)})^2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)} + 2(m_{000}^{(10)})^2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(21)}\\
&-2(m_{000}^{(10)})^2m_{000}^{(21)}m_{100}^{(21)}m_{100}^{(22)} - 2(m_{000}^{(10)})^2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(20)}\\
&+2(m_{000}^{(10)})^2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)} - 2(m_{000}^{(10)})^2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(22)}\\
&-4(m_{000}^{(10)})^2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(20)} + 2(m_{000}^{(10)})^2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(21)}\\
&+2(m_{000}^{(10)})^2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)} + 2(m_{000}^{(10)})^2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(21)}\\
&+2(m_{000}^{(10)})^2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(20)} - 4(m_{000}^{(10)})^2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(21)}\\
&+(m_{000}^{(10)})^2m_{000}^{(22)}(m_{100}^{(21)})^2 - 2(m_{000}^{(10)})^2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(20)}\\
&+2(m_{000}^{(10)})^2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)} + 2(m_{000}^{(10)})^2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}\\
&+(m_{000}^{(10)})^2m_{000}^{(22)}(m_{010}^{(20)})^2 - 2(m_{000}^{(10)})^2m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(11)} - 2(m_{000}^{(10)})^2m_{000}^{(22)}(m_{001}^{(10)})^2\\
&+4m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(22)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(22)}\\
&+2m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(21)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(21)}m_{100}^{(22)}\\
&+2m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(20)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(20)}\\
&+2m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(22)} + 2m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(20)}\\
&-2m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(21)} - 4m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(20)}\\
&+2m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(22)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(22)}\\
&+2m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(20)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(20)}\\
&-2m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(21)} - 4m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(20)}\\
&+2m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(21)} + 2m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(20)}\\
&-2m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(20)} + 4m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(10)}\\
&+4m_{000}^{(10)}(m_{000}^{(20)})^2m_{100}^{(11)}m_{001}^{(21)} - 4m_{000}^{(10)}(m_{000}^{(20)})^2m_{100}^{(21)}m_{010}^{(21)}\\
&+2m_{000}^{(10)}(m_{000}^{(20)})^2m_{100}^{(21)}m_{001}^{(11)} - 2m_{000}^{(10)}(m_{000}^{(20)})^2m_{100}^{(22)}m_{010}^{(11)}\\
&+2m_{000}^{(10)}(m_{000}^{(20)})^2m_{010}^{(10)}m_{010}^{(22)} + 2m_{000}^{(10)}(m_{000}^{(20)})^2m_{010}^{(10)}m_{001}^{(21)}\\
&-2m_{000}^{(10)}(m_{000}^{(20)})^2m_{010}^{(11)}m_{001}^{(20)} + 2m_{000}^{(10)}(m_{000}^{(20)})^2m_{010}^{(20)}m_{010}^{(21)}\\
&-2m_{000}^{(10)}(m_{000}^{(20)})^2m_{010}^{(21)}m_{001}^{(10)} - 2m_{000}^{(10)}(m_{000}^{(20)})^2m_{001}^{(10)}m_{001}^{(11)}
\end{aligned}
$$

$$
\begin{aligned}
&-2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(22)} - 2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}\\
&+2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(22)} - 2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}\\
&-2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)} - 2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}\\
&+2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(21)}(m_{100}^{(21)})^2 + 2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}\\
&+2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)} - 2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}\\
&+2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(22)} - 2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}\\
&-2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)} + 2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(21)}(m_{010}^{(20)})^2\\
&+2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(10)} - 2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}\\
&+2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(11)} + 2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(21)}(m_{001}^{(10)})^2\\
&+2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)} - 2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}\\
&-2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(21)} - 2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(10)}\\
&+4m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)} + 2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}\\
&-2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)} - 4m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}\\
&+2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)} + 2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}\\
&-2m_{000}^{(10)}(m_{000}^{(21)})^2m_{100}^{(00)}m_{010}^{(22)} - 2m_{000}^{(10)}(m_{000}^{(21)})^2m_{100}^{(00)}m_{001}^{(21)}\\
&+2m_{000}^{(10)}(m_{000}^{(21)})^2m_{100}^{(10)}m_{100}^{(22)} + 2m_{000}^{(10)}(m_{000}^{(21)})^2m_{100}^{(10)}m_{001}^{(20)}\\
&+2m_{000}^{(10)}(m_{000}^{(21)})^2m_{100}^{(20)}m_{100}^{(21)} - 4m_{000}^{(10)}(m_{000}^{(21)})^2m_{100}^{(20)}m_{010}^{(20)}\\
&-2m_{000}^{(10)}(m_{000}^{(21)})^2m_{100}^{(20)}m_{001}^{(10)} + 4m_{000}^{(10)}(m_{000}^{(21)})^2m_{010}^{(00)}m_{001}^{(20)}\\
&+2m_{000}^{(10)}(m_{000}^{(21)})^2m_{010}^{(20)}m_{001}^{(00)} - 2m_{000}^{(10)}(m_{000}^{(21)})^2m_{001}^{(00)}m_{001}^{(10)}\\
&+4m_{000}^{(10)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)} + 2m_{000}^{(10)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(11)}\\
&-4m_{000}^{(10)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)} + 2m_{000}^{(10)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}\\
&+2m_{000}^{(10)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)} - 2m_{000}^{(10)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}\\
&+2m_{000}^{(10)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)} - 2m_{000}^{(10)}m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(20)}\\
&-2m_{000}^{(10)}m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)} - 2m_{000}^{(10)}m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}\\
&-2m_{000}^{(10)}(m_{000}^{(22)})^2m_{100}^{(00)}m_{010}^{(11)} + 2m_{000}^{(10)}(m_{000}^{(22)})^2m_{100}^{(10)}m_{100}^{(11)}\\
&-2m_{000}^{(10)}(m_{000}^{(22)})^2m_{100}^{(10)}m_{010}^{(10)} + 2m_{000}^{(10)}(m_{000}^{(22)})^2m_{010}^{(00)}m_{010}^{(10)}\\
&-2(m_{000}^{(11)})^2m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(22)} + 2(m_{000}^{(11)})^2m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(22)}\\
&-2(m_{000}^{(11)})^2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(20)} + 2(m_{000}^{(11)})^2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(20)}\\
&+2(m_{000}^{(11)})^2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(20)} - (m_{000}^{(11)})^2m_{000}^{(22)}(m_{100}^{(20)})^2 - (m_{000}^{(11)})^2m_{000}^{(22)}(m_{001}^{(00)})^2\\
&-4m_{000}^{(11)}(m_{000}^{(20)})^2m_{100}^{(10)}m_{001}^{(21)} + 2m_{000}^{(11)}(m_{000}^{(20)})^2m_{100}^{(20)}m_{010}^{(21)}\\
&+m_{000}^{(11)}(m_{000}^{(20)})^2(m_{100}^{(21)})^2 - 2m_{000}^{(11)}(m_{000}^{(20)})^2m_{100}^{(21)}m_{001}^{(10)}\\
&+2m_{000}^{(11)}(m_{000}^{(20)})^2m_{100}^{(22)}m_{010}^{(10)} - 2m_{000}^{(11)}(m_{000}^{(20)})^2m_{010}^{(00)}m_{010}^{(22)}\\
&+2m_{000}^{(11)}(m_{000}^{(20)})^2m_{010}^{(10)}m_{001}^{(20)} - 2m_{000}^{(11)}(m_{000}^{(20)})^2(m_{010}^{(20)})^2\\
&+2m_{000}^{(11)}(m_{000}^{(20)})^2m_{010}^{(21)}m_{001}^{(00)} + m_{000}^{(11)}(m_{000}^{(20)})^2(m_{001}^{(10)})^2\\
&+2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(22)} + 4m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}\\
&-2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)} + 2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}\\
&-4m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)} + 2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}\\
&+2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}
\end{aligned}
$$

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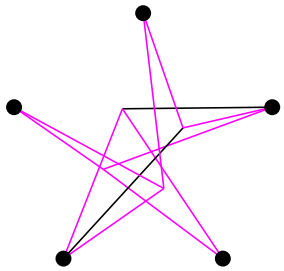
\begin{aligned}
&-2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(10)}\\
&-2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)} + 2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}\\
&+2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)} - 4m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}\\
&+4m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(20)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}\\
&-2m_{000}^{(11)}(m_{000}^{(21)})^2m_{100}^{(00)}m_{001}^{(20)} + m_{000}^{(11)}(m_{000}^{(21)})^2(m_{100}^{(20)})^2 + m_{000}^{(11)}(m_{000}^{(21)})^2(m_{001}^{(00)})^2\\
&-2m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(20)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(10)}\\
&+2m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(20)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(00)}\\
&+2m_{000}^{(11)}(m_{000}^{(22)})^2m_{100}^{(00)}m_{010}^{(10)} - m_{000}^{(11)}(m_{000}^{(22)})^2(m_{100}^{(10)})^2 - m_{000}^{(11)}(m_{000}^{(22)})^2(m_{010}^{(00)})^2\\
&-2(m_{000}^{(20)})^3m_{100}^{(11)}m_{001}^{(11)} + 2(m_{000}^{(20)})^3m_{100}^{(21)}m_{010}^{(11)} - 2(m_{000}^{(20)})^3m_{010}^{(10)}m_{010}^{(21)}\\
&+2(m_{000}^{(20)})^3m_{010}^{(11)}m_{001}^{(10)} + 2(m_{000}^{(20)})^2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(21)} + 4(m_{000}^{(20)})^2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(11)}\\
&-2(m_{000}^{(20)})^2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(21)} + 2(m_{000}^{(20)})^2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(10)}\\
&-2(m_{000}^{(20)})^2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(11)} - 2(m_{000}^{(20)})^2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(10)}\\
&+2(m_{000}^{(20)})^2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(21)} + 2(m_{000}^{(20)})^2m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(20)}\\
&-4(m_{000}^{(20)})^2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(10)} - 2(m_{000}^{(20)})^2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(00)}\\
&-2(m_{000}^{(20)})^2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)} + (m_{000}^{(20)})^2m_{000}^{(22)}(m_{100}^{(11)})^2 + (m_{000}^{(20)})^2m_{000}^{(22)}(m_{010}^{(10)})^2\\
&-2m_{000}^{(20)}(m_{000}^{(21)})^2m_{100}^{(00)}m_{010}^{(21)} - 2m_{000}^{(20)}(m_{000}^{(21)})^2m_{100}^{(00)}m_{001}^{(11)}\\
&+2m_{000}^{(20)}(m_{000}^{(21)})^2m_{100}^{(10)}m_{100}^{(21)} - 2m_{000}^{(20)}(m_{000}^{(21)})^2m_{100}^{(10)}m_{010}^{(20)}\\
&-4m_{000}^{(20)}(m_{000}^{(21)})^2m_{100}^{(10)}m_{001}^{(10)} + 2m_{000}^{(20)}(m_{000}^{(21)})^2m_{100}^{(11)}m_{100}^{(20)}\\
&+2m_{000}^{(20)}(m_{000}^{(21)})^2m_{100}^{(20)}m_{010}^{(10)} - 2m_{000}^{(20)}(m_{000}^{(21)})^2m_{010}^{(00)}m_{010}^{(20)}\\
&+2m_{000}^{(20)}(m_{000}^{(21)})^2m_{010}^{(00)}m_{001}^{(10)} + 4m_{000}^{(20)}(m_{000}^{(21)})^2m_{010}^{(10)}m_{001}^{(00)}\\
&+2m_{000}^{(20)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(11)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}\\
&+2m_{000}^{(20)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(10)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(10)}\\
&+2(m_{000}^{(21)})^3m_{100}^{(00)}m_{010}^{(20)} + 2(m_{000}^{(21)})^3m_{100}^{(00)}m_{001}^{(10)} - 2(m_{000}^{(21)})^3m_{100}^{(10)}m_{100}^{(20)}\\
&-2(m_{000}^{(21)})^3m_{010}^{(00)}m_{001}^{(00)} - 2(m_{000}^{(21)})^2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(10)} + (m_{000}^{(21)})^2m_{000}^{(22)}(m_{100}^{(10)})^2\\
&+(m_{000}^{(21)})^2m_{000}^{(22)}(m_{010}^{(00)})^2
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & 1 & V1 & V2\\
V2 & V3 & 4 & V4\\
V3 & V4 & V5 & V5
\end{array}
$$



$$
\begin{aligned}
T_{18} \;=\;& (m_{000}^{(00)})^2 m_{000}^{(11)} m_{010}^{(21)} m_{001}^{(22)} - (m_{000}^{(00)})^2 m_{000}^{(11)} m_{010}^{(22)} m_{001}^{(21)} + (m_{000}^{(00)})^2 m_{000}^{(11)} m_{001}^{(11)} m_{001}^{(22)} \\
& -(m_{000}^{(00)})^2 m_{000}^{(11)} (m_{001}^{(21)})^2 - 2(m_{000}^{(00)})^2 m_{000}^{(21)} m_{010}^{(11)} m_{001}^{(22)} \\
& +2(m_{000}^{(00)})^2 m_{000}^{(21)} m_{010}^{(21)} m_{001}^{(21)} + (m_{000}^{(00)})^2 m_{000}^{(22)} m_{010}^{(11)} m_{010}^{(22)} \\
& +(m_{000}^{(00)})^2 m_{000}^{(22)} m_{010}^{(11)} m_{001}^{(21)} - (m_{000}^{(00)})^2 m_{000}^{(22)} (m_{010}^{(21)})^2 - (m_{000}^{(00)})^2 m_{000}^{(22)} m_{010}^{(21)} m_{001}^{(11)} \\
& -m_{000}^{(00)} (m_{000}^{(10)})^2 m_{010}^{(21)} m_{001}^{(22)} + m_{000}^{(00)} (m_{000}^{(10)})^2 m_{010}^{(22)} m_{001}^{(21)} \\
& -m_{000}^{(00)} (m_{000}^{(10)})^2 m_{001}^{(11)} m_{001}^{(22)} + m_{000}^{(00)} (m_{000}^{(10)})^2 (m_{001}^{(21)})^2 - m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(21)} m_{001}^{(22)} \\
& +m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(22)} m_{001}^{(21)} - m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(11)} m_{010}^{(20)} m_{001}^{(22)} \\
& +m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(11)} m_{010}^{(22)} m_{001}^{(20)} - 2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(11)} m_{001}^{(10)} m_{001}^{(22)} \\
& +2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(11)} m_{001}^{(20)} m_{001}^{(21)} + 2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(20)} m_{010}^{(11)} m_{001}^{(22)} \\
& -2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(20)} m_{010}^{(21)} m_{001}^{(21)} + 2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(21)} m_{100}^{(11)} m_{001}^{(22)} \\
& -2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(21)} m_{100}^{(21)} m_{001}^{(21)} + 4m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(21)} m_{010}^{(10)} m_{001}^{(22)} \\
& -2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(21)} m_{010}^{(20)} m_{001}^{(21)} - 2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(21)} m_{010}^{(21)} m_{001}^{(20)} \\
& -m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{100}^{(11)} m_{010}^{(22)} - m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{100}^{(11)} m_{001}^{(21)} \\
& +2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{100}^{(21)} m_{010}^{(21)} + m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{100}^{(21)} m_{001}^{(11)} \\
& -m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{100}^{(22)} m_{010}^{(11)} - 2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{010}^{(10)} m_{010}^{(22)} \\
& -2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{010}^{(10)} m_{001}^{(21)} - m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{010}^{(11)} m_{001}^{(20)} \\
& +2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{010}^{(20)} m_{010}^{(21)} + m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{010}^{(20)} m_{001}^{(11)} \\
& +2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{010}^{(21)} m_{001}^{(10)} + m_{000}^{(00)} (m_{000}^{(11)})^2 m_{100}^{(20)} m_{001}^{(22)} \\
& -m_{000}^{(00)} (m_{000}^{(11)})^2 m_{100}^{(22)} m_{001}^{(20)} + m_{000}^{(00)} (m_{000}^{(11)})^2 m_{001}^{(00)} m_{001}^{(22)} - m_{000}^{(00)} (m_{000}^{(11)})^2 (m_{001}^{(20)})^2 \\
& -m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(11)} m_{001}^{(22)} + m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(21)} m_{010}^{(22)} \\
& +2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(21)} m_{001}^{(21)} - m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(22)} m_{010}^{(21)} \\
& -m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(22)} m_{001}^{(11)} - m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{010}^{(10)} m_{001}^{(22)} \\
& +2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{010}^{(21)} m_{001}^{(21)} - 2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{010}^{(21)} m_{001}^{(20)} \\
& +m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{010}^{(22)} m_{001}^{(10)} + 2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{001}^{(10)} m_{001}^{(21)} \\
& -2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{001}^{(11)} m_{001}^{(20)} - m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{100}^{(10)} m_{001}^{(22)} \\
& -m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{100}^{(20)} m_{010}^{(22)} - 2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{100}^{(20)} m_{001}^{(21)} \\
& +2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{100}^{(21)} m_{001}^{(20)} + m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{100}^{(22)} m_{010}^{(20)} \\
& +m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{100}^{(22)} m_{001}^{(10)} - m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{010}^{(00)} m_{001}^{(22)} \\
& +2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{010}^{(20)} m_{001}^{(20)} - m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{010}^{(22)} m_{001}^{(00)} \\
& -2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{001}^{(00)} m_{001}^{(21)} + 2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{001}^{(10)} m_{001}^{(20)} \\
& +m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(10)} m_{010}^{(22)} + m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(11)} m_{001}^{(20)} \\
& +m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(20)} m_{001}^{(11)} - 2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(21)} m_{010}^{(20)} \\
& -2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(21)} m_{001}^{(10)} + m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(22)} m_{010}^{(10)} \\
& +m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} m_{010}^{(00)} m_{001}^{(21)} - 2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} m_{010}^{(20)} m_{001}^{(10)} \\
& +m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} m_{010}^{(21)} m_{001}^{(00)} - m_{000}^{(00)} (m_{000}^{(20)})^2 m_{010}^{(11)} m_{010}^{(22)} \\
& -m_{000}^{(00)} (m_{000}^{(20)})^2 m_{010}^{(11)} m_{001}^{(21)} + m_{000}^{(00)} (m_{000}^{(20)})^2 (m_{010}^{(21)})^2 + m_{000}^{(00)} (m_{000}^{(20)})^2 m_{010}^{(21)} m_{001}^{(11)} \\
& -2m_{000}^{(00)} m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(21)} m_{010}^{(21)} + 2m_{000}^{(00)} m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(22)} m_{010}^{(11)} \\
& -2m_{000}^{(00)} m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(10)} m_{001}^{(21)} + 4m_{000}^{(00)} m_{000}^{(20)} m_{000}^{(21)} m_{010}^{(11)} m_{001}^{(20)}
\end{aligned}
$$

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\begin{aligned}
&-2m_{000}^{(00)}m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(10)} + m_{000}^{(00)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(21)}\\
&-m_{000}^{(00)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)} + 2m_{000}^{(00)}m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(21)}\\
&+m_{000}^{(00)}m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(11)} - 2m_{000}^{(00)}m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(20)}\\
&-m_{000}^{(00)}m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)} + 2m_{000}^{(00)}(m_{000}^{(21)})^2m_{100}^{(10)}m_{001}^{(21)}\\
&-2m_{000}^{(00)}(m_{000}^{(21)})^2m_{100}^{(11)}m_{001}^{(20)} + 2m_{000}^{(00)}(m_{000}^{(21)})^2m_{100}^{(20)}m_{010}^{(21)}\\
&-2m_{000}^{(00)}(m_{000}^{(21)})^2m_{100}^{(22)}m_{010}^{(10)} + m_{000}^{(00)}(m_{000}^{(21)})^2m_{010}^{(00)}m_{010}^{(22)}\\
&+m_{000}^{(00)}(m_{000}^{(21)})^2m_{010}^{(00)}m_{001}^{(21)} - 2m_{000}^{(00)}(m_{000}^{(21)})^2m_{010}^{(10)}m_{001}^{(20)} - m_{000}^{(00)}(m_{000}^{(21)})^2(m_{010}^{(20)})^2\\
&+m_{000}^{(00)}(m_{000}^{(21)})^2m_{010}^{(21)}m_{001}^{(00)} + m_{000}^{(00)}(m_{000}^{(21)})^2m_{001}^{(00)}m_{001}^{(11)} - m_{000}^{(00)}(m_{000}^{(21)})^2(m_{001}^{(10)})^2\\
&-2m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)} - m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}\\
&+m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)} + m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(10)}\\
&-m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)} + 2m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}\\
&-2m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)} - m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(11)}\\
&+2m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)} + 2m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}\\
&-m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)} + m_{000}^{(00)}(m_{000}^{(22)})^2m_{100}^{(10)}m_{010}^{(11)}\\
&-m_{000}^{(00)}(m_{000}^{(22)})^2m_{100}^{(11)}m_{010}^{(10)} + m_{000}^{(00)}(m_{000}^{(22)})^2m_{010}^{(00)}m_{010}^{(11)} - m_{000}^{(00)}(m_{000}^{(22)})^2(m_{010}^{(10)})^2\\
&+(m_{000}^{(10)})^3m_{100}^{(21)}m_{001}^{(22)} - (m_{000}^{(10)})^3m_{100}^{(22)}m_{001}^{(21)} + (m_{000}^{(10)})^3m_{010}^{(20)}m_{001}^{(22)}\\
&-(m_{000}^{(10)})^3m_{010}^{(22)}m_{001}^{(20)} + 2(m_{000}^{(10)})^3m_{001}^{(10)}m_{001}^{(22)} - 2(m_{000}^{(10)})^3m_{001}^{(20)}m_{001}^{(21)}\\
&-(m_{000}^{(10)})^2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)} + (m_{000}^{(10)})^2m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(20)}\\
&-(m_{000}^{(10)})^2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(22)} + (m_{000}^{(10)})^2m_{000}^{(11)}(m_{001}^{(20)})^2 - (m_{000}^{(10)})^2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(22)}\\
&-(m_{000}^{(10)})^2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(22)} + (m_{000}^{(10)})^2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(21)}\\
&+(m_{000}^{(10)})^2m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(11)} - 3(m_{000}^{(10)})^2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(22)}\\
&+4(m_{000}^{(10)})^2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(20)} - (m_{000}^{(10)})^2m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(10)}\\
&-2(m_{000}^{(10)})^2m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(21)} + 2(m_{000}^{(10)})^2m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(20)}\\
&-3(m_{000}^{(10)})^2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(22)} + (m_{000}^{(10)})^2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}\\
&+4(m_{000}^{(10)})^2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(21)} - (m_{000}^{(10)})^2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)}\\
&-(m_{000}^{(10)})^2m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(10)} - (m_{000}^{(10)})^2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(22)}\\
&+(m_{000}^{(10)})^2m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(00)} + 2(m_{000}^{(10)})^2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(21)}\\
&-2(m_{000}^{(10)})^2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)} + (m_{000}^{(10)})^2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(22)}\\
&+2(m_{000}^{(10)})^2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(21)} + (m_{000}^{(10)})^2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(22)}\\
&-2(m_{000}^{(10)})^2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(21)} - 2(m_{000}^{(10)})^2m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(11)}\\
&-(m_{000}^{(10)})^2m_{000}^{(22)}(m_{100}^{(21)})^2 + (m_{000}^{(10)})^2m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)} + (m_{000}^{(10)})^2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(22)}\\
&+2(m_{000}^{(10)})^2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)} - (m_{000}^{(10)})^2m_{000}^{(22)}(m_{010}^{(20)})^2\\
&-2(m_{000}^{(10)})^2m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(00)} + 4m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(22)}\\
&-2m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(21)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(20)}\\
&+2m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(22)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(20)}\\
&+2m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(22)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(20)}\\
&-m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(22)} - m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(21)}\\
&-2m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(22)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(20)}
\end{aligned}
$$

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\begin{aligned}
&+2m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(21)} + 2m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(20)}\\
&+2m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(10)} + m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(00)}\\
&-m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(00)} - m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(20)}\\
&+m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(00)} + m_{000}^{(10)}(m_{000}^{(20)})^2m_{100}^{(11)}m_{010}^{(22)}\\
&+m_{000}^{(10)}(m_{000}^{(20)})^2m_{100}^{(11)}m_{001}^{(21)} - m_{000}^{(10)}(m_{000}^{(20)})^2m_{100}^{(21)}m_{001}^{(11)}\\
&-m_{000}^{(10)}(m_{000}^{(20)})^2m_{100}^{(22)}m_{010}^{(11)} + 2m_{000}^{(10)}(m_{000}^{(20)})^2m_{010}^{(10)}m_{010}^{(22)}\\
&+4m_{000}^{(10)}(m_{000}^{(20)})^2m_{010}^{(10)}m_{001}^{(21)} - 3m_{000}^{(10)}(m_{000}^{(20)})^2m_{010}^{(11)}m_{001}^{(20)}\\
&-2m_{000}^{(10)}(m_{000}^{(20)})^2m_{010}^{(20)}m_{010}^{(21)} - m_{000}^{(10)}(m_{000}^{(20)})^2m_{010}^{(20)}m_{001}^{(11)}\\
&-2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)} - 2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(22)}\\
&-2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)} + 2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(21)}(m_{100}^{(21)})^2\\
&+2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)} + 2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}\\
&-2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(22)} - 2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}\\
&+2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(21)}(m_{010}^{(20)})^2 + 2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(10)}\\
&-2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(11)} + 2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(21)}(m_{001}^{(10)})^2\\
&-2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)} + 4m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}\\
&-2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)} - 2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}\\
&+2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)} - m_{000}^{(10)}(m_{000}^{(21)})^2m_{100}^{(00)}m_{010}^{(22)}\\
&-3m_{000}^{(10)}(m_{000}^{(21)})^2m_{100}^{(00)}m_{001}^{(21)} + 2m_{000}^{(10)}(m_{000}^{(21)})^2m_{100}^{(10)}m_{100}^{(22)}\\
&+4m_{000}^{(10)}(m_{000}^{(21)})^2m_{100}^{(10)}m_{001}^{(20)} - 2m_{000}^{(10)}(m_{000}^{(21)})^2m_{100}^{(20)}m_{100}^{(21)}\\
&-m_{000}^{(10)}(m_{000}^{(21)})^2m_{100}^{(21)}m_{001}^{(00)} + m_{000}^{(10)}(m_{000}^{(21)})^2m_{100}^{(22)}m_{010}^{(00)}\\
&+m_{000}^{(10)}(m_{000}^{(21)})^2m_{010}^{(00)}m_{001}^{(20)} - m_{000}^{(10)}(m_{000}^{(21)})^2m_{010}^{(20)}m_{001}^{(00)}\\
&+4m_{000}^{(10)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)} + 2m_{000}^{(10)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(11)}\\
&-2m_{000}^{(10)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)} - 2m_{000}^{(10)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)}\\
&-2m_{000}^{(10)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)} - 2m_{000}^{(10)}(m_{000}^{(22)})^2m_{100}^{(00)}m_{010}^{(11)}\\
&+2m_{000}^{(10)}(m_{000}^{(22)})^2m_{100}^{(10)}m_{010}^{(10)} - 2(m_{000}^{(11)})^2m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(22)}\\
&+2(m_{000}^{(11)})^2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(20)} + (m_{000}^{(11)})^2m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(22)}\\
&+(m_{000}^{(11)})^2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(20)} - (m_{000}^{(11)})^2m_{000}^{(22)}(m_{100}^{(20)})^2 - (m_{000}^{(11)})^2m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(00)}\\
&-2m_{000}^{(11)}(m_{000}^{(20)})^2m_{100}^{(10)}m_{010}^{(22)} - 2m_{000}^{(11)}(m_{000}^{(20)})^2m_{100}^{(10)}m_{001}^{(21)}\\
&+m_{000}^{(11)}(m_{000}^{(20)})^2m_{100}^{(11)}m_{100}^{(22)} + m_{000}^{(11)}(m_{000}^{(20)})^2m_{100}^{(11)}m_{001}^{(20)}\\
&+2m_{000}^{(11)}(m_{000}^{(20)})^2m_{100}^{(20)}m_{010}^{(21)} + m_{000}^{(11)}(m_{000}^{(20)})^2m_{100}^{(20)}m_{001}^{(11)} - m_{000}^{(11)}(m_{000}^{(20)})^2(m_{100}^{(21)})^2\\
&-2m_{000}^{(11)}(m_{000}^{(20)})^2m_{010}^{(00)}m_{001}^{(21)} + 2m_{000}^{(11)}(m_{000}^{(20)})^2m_{010}^{(10)}m_{001}^{(20)}\\
&+m_{000}^{(11)}(m_{000}^{(20)})^2m_{001}^{(00)}m_{001}^{(11)} - m_{000}^{(11)}(m_{000}^{(20)})^2(m_{001}^{(10)})^2\\
&+2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(22)} + 4m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}\\
&-2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}\\
&-2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)} - m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}\\
&-m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(11)} + 2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}\\
&+2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)} + 2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)}\\
&-2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)} - m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(00)}
\end{aligned}
$$

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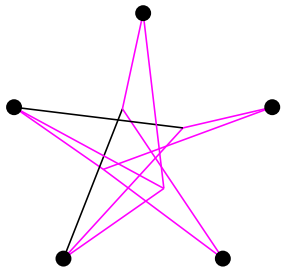
\begin{aligned}
&-2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)} + m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}\\
&+m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)} - m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}\\
&-m_{000}^{(11)}(m_{000}^{(21)})^2m_{100}^{(00)}m_{100}^{(22)} - m_{000}^{(11)}(m_{000}^{(21)})^2m_{100}^{(00)}m_{001}^{(20)} + m_{000}^{(11)}(m_{000}^{(21)})^2(m_{100}^{(20)})^2\\
&+m_{000}^{(11)}(m_{000}^{(21)})^2m_{100}^{(20)}m_{001}^{(00)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)}\\
&-m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(20)} - m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(10)}\\
&+2m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(20)} + m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(00)}\\
&+m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(00)} + m_{000}^{(11)}(m_{000}^{(22)})^2m_{100}^{(00)}m_{100}^{(11)}\\
&+m_{000}^{(11)}(m_{000}^{(22)})^2m_{100}^{(00)}m_{010}^{(10)} - m_{000}^{(11)}(m_{000}^{(22)})^2(m_{100}^{(10)})^2 - m_{000}^{(11)}(m_{000}^{(22)})^2m_{100}^{(10)}m_{010}^{(00)}\\
&-(m_{000}^{(20)})^3m_{100}^{(11)}m_{010}^{(21)} + (m_{000}^{(20)})^3m_{100}^{(21)}m_{010}^{(11)} - 2(m_{000}^{(20)})^3m_{010}^{(10)}m_{010}^{(21)}\\
&-(m_{000}^{(20)})^3m_{010}^{(10)}m_{001}^{(11)} + 2(m_{000}^{(20)})^3m_{010}^{(11)}m_{010}^{(20)} + (m_{000}^{(20)})^3m_{010}^{(11)}m_{001}^{(10)}\\
&+4(m_{000}^{(20)})^2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(21)} + (m_{000}^{(20)})^2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(11)}\\
&-(m_{000}^{(20)})^2m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(20)} - (m_{000}^{(20)})^2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(10)}\\
&-3(m_{000}^{(20)})^2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(11)} + 2(m_{000}^{(20)})^2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(21)}\\
&+(m_{000}^{(20)})^2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(11)} - 2(m_{000}^{(20)})^2m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(20)}\\
&-(m_{000}^{(20)})^2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(00)} - (m_{000}^{(20)})^2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}\\
&+(m_{000}^{(20)})^2m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(10)} - (m_{000}^{(20)})^2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(11)} + (m_{000}^{(20)})^2m_{000}^{(22)}(m_{010}^{(10)})^2\\
&-3m_{000}^{(20)}(m_{000}^{(21)})^2m_{100}^{(00)}m_{010}^{(21)} - m_{000}^{(20)}(m_{000}^{(21)})^2m_{100}^{(00)}m_{001}^{(11)}\\
&-2m_{000}^{(20)}(m_{000}^{(21)})^2m_{100}^{(10)}m_{100}^{(21)} + 2m_{000}^{(20)}(m_{000}^{(21)})^2m_{100}^{(11)}m_{100}^{(20)}\\
&+m_{000}^{(20)}(m_{000}^{(21)})^2m_{100}^{(11)}m_{001}^{(00)} + 4m_{000}^{(20)}(m_{000}^{(21)})^2m_{100}^{(20)}m_{010}^{(10)}\\
&-m_{000}^{(20)}(m_{000}^{(21)})^2m_{100}^{(21)}m_{010}^{(00)} - m_{000}^{(20)}(m_{000}^{(21)})^2m_{010}^{(00)}m_{001}^{(10)}\\
&+m_{000}^{(20)}(m_{000}^{(21)})^2m_{010}^{(10)}m_{001}^{(00)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(11)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(10)} + 2(m_{000}^{(21)})^3m_{100}^{(00)}m_{100}^{(21)} + (m_{000}^{(21)})^3m_{100}^{(00)}m_{010}^{(20)}\\
&+(m_{000}^{(21)})^3m_{100}^{(00)}m_{001}^{(10)} - 2(m_{000}^{(21)})^3m_{100}^{(10)}m_{100}^{(20)} - (m_{000}^{(21)})^3m_{100}^{(10)}m_{001}^{(00)}\\
&-(m_{000}^{(21)})^3m_{100}^{(20)}m_{010}^{(00)} - (m_{000}^{(21)})^2m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(11)} - (m_{000}^{(21)})^2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(10)}\\
&+(m_{000}^{(21)})^2m_{000}^{(22)}(m_{100}^{(10)})^2 + (m_{000}^{(21)})^2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & V1 & 1 & V2\\
V2 & 2 & V3 & V4\\
V3 & V4 & V5 & V5
\end{array}
$$



$$
\begin{aligned}
T_{19} \;=\;& (m_{000}^{(00)})^2 m_{000}^{(11)} m_{010}^{(21)} m_{001}^{(22)} - (m_{000}^{(00)})^2 m_{000}^{(11)} m_{010}^{(22)} m_{001}^{(21)} - (m_{000}^{(00)})^2 m_{000}^{(11)} m_{001}^{(11)} m_{001}^{(22)} \\
&+(m_{000}^{(00)})^2 m_{000}^{(11)} (m_{001}^{(21)})^2 - 2(m_{000}^{(00)})^2 m_{000}^{(21)} m_{010}^{(21)} m_{001}^{(21)} \\
&+2(m_{000}^{(00)})^2 m_{000}^{(21)} m_{010}^{(22)} m_{001}^{(11)} - (m_{000}^{(00)})^2 m_{000}^{(22)} m_{010}^{(11)} m_{010}^{(22)} \\
&+(m_{000}^{(00)})^2 m_{000}^{(22)} m_{010}^{(11)} m_{001}^{(21)} + (m_{000}^{(00)})^2 m_{000}^{(22)} (m_{010}^{(21)})^2 - (m_{000}^{(00)})^2 m_{000}^{(22)} m_{010}^{(21)} m_{001}^{(11)} \\
&-m_{000}^{(00)} (m_{000}^{(10)})^2 m_{010}^{(21)} m_{001}^{(22)} + m_{000}^{(00)} (m_{000}^{(10)})^2 m_{010}^{(22)} m_{001}^{(21)} \\
&+m_{000}^{(00)} (m_{000}^{(10)})^2 m_{001}^{(11)} m_{001}^{(22)} - m_{000}^{(00)} (m_{000}^{(10)})^2 (m_{001}^{(21)})^2 - m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(21)} m_{001}^{(22)} \\
&+m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(22)} m_{001}^{(21)} - m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(11)} m_{010}^{(20)} m_{001}^{(22)} \\
&+m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(11)} m_{010}^{(22)} m_{001}^{(20)} + 2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(11)} m_{001}^{(10)} m_{001}^{(22)} \\
&-2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(11)} m_{001}^{(20)} m_{001}^{(21)} + 2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(20)} m_{010}^{(21)} m_{001}^{(21)} \\
&-2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(20)} m_{010}^{(22)} m_{001}^{(11)} + 2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(21)} m_{100}^{(21)} m_{001}^{(21)} \\
&-2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(21)} m_{100}^{(22)} m_{001}^{(11)} + 2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(21)} m_{010}^{(20)} m_{001}^{(21)} \\
&+2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(21)} m_{010}^{(21)} m_{001}^{(20)} - 4m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(21)} m_{010}^{(22)} m_{001}^{(10)} \\
&+m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{100}^{(11)} m_{010}^{(22)} - m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{100}^{(11)} m_{001}^{(21)} \\
&-2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{100}^{(21)} m_{010}^{(21)} + m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{100}^{(21)} m_{001}^{(11)} \\
&+m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{100}^{(22)} m_{010}^{(11)} + 2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{010}^{(10)} m_{010}^{(22)} \\
&-2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{010}^{(10)} m_{001}^{(21)} - m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{010}^{(11)} m_{001}^{(20)} \\
&-2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{010}^{(20)} m_{010}^{(21)} + m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{010}^{(20)} m_{001}^{(11)} \\
&+2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{010}^{(21)} m_{001}^{(10)} + m_{000}^{(00)} (m_{000}^{(11)})^2 m_{100}^{(20)} m_{001}^{(22)} \\
&-m_{000}^{(00)} (m_{000}^{(11)})^2 m_{100}^{(22)} m_{001}^{(20)} - m_{000}^{(00)} (m_{000}^{(11)})^2 m_{001}^{(00)} m_{001}^{(22)} + m_{000}^{(00)} (m_{000}^{(11)})^2 (m_{001}^{(20)})^2 \\
&+m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(11)} m_{001}^{(22)} + m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(21)} m_{010}^{(22)} \\
&-2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(21)} m_{001}^{(21)} - m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(22)} m_{010}^{(21)} \\
&+m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(22)} m_{001}^{(11)} - m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{010}^{(10)} m_{001}^{(22)} \\
&+2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{010}^{(20)} m_{001}^{(21)} - 2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{010}^{(21)} m_{001}^{(20)} \\
&+m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{010}^{(22)} m_{001}^{(10)} - 2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{001}^{(10)} m_{001}^{(21)} \\
&+2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{001}^{(11)} m_{001}^{(20)} - m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{100}^{(10)} m_{001}^{(22)} \\
&-m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{100}^{(20)} m_{010}^{(22)} - 2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{100}^{(20)} m_{001}^{(21)} \\
&+2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{100}^{(21)} m_{001}^{(20)} + m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{100}^{(22)} m_{010}^{(20)} \\
&+m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{100}^{(22)} m_{001}^{(10)} + m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{010}^{(00)} m_{001}^{(22)} \\
&-2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{010}^{(20)} m_{001}^{(20)} + m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{010}^{(22)} m_{001}^{(00)} \\
&+2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{001}^{(00)} m_{001}^{(21)} - 2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{001}^{(10)} m_{001}^{(20)} \\
&-m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(10)} m_{010}^{(22)} + 2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(10)} m_{001}^{(21)} \\
&-m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(11)} m_{001}^{(20)} + 2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(20)} m_{010}^{(21)} \\
&-m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(20)} m_{001}^{(11)} - m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(22)} m_{010}^{(10)} \\
&-m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} m_{010}^{(00)} m_{001}^{(21)} + 2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} m_{010}^{(10)} m_{001}^{(20)} \\
&-m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} m_{010}^{(21)} m_{001}^{(00)} + m_{000}^{(00)} (m_{000}^{(20)})^2 m_{010}^{(11)} m_{010}^{(22)} \\
&-m_{000}^{(00)} (m_{000}^{(20)})^2 m_{010}^{(11)} m_{001}^{(21)} - m_{000}^{(00)} (m_{000}^{(20)})^2 (m_{010}^{(21)})^2 + m_{000}^{(00)} (m_{000}^{(20)})^2 m_{010}^{(21)} m_{001}^{(11)} \\
&-2m_{000}^{(00)} m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(11)} m_{010}^{(22)} + 2m_{000}^{(00)} m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(21)} m_{010}^{(21)} \\
&+2m_{000}^{(00)} m_{000}^{(20)} m_{000}^{(21)} m_{010}^{(10)} m_{001}^{(21)} - 4m_{000}^{(00)} m_{000}^{(20)} m_{000}^{(21)} m_{010}^{(20)} m_{001}^{(11)}
\end{aligned}
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\begin{aligned}
&+2m_{000}^{(00)}m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(10)} + m_{000}^{(00)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(21)}\\
&-m_{000}^{(00)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)} - 2m_{000}^{(00)}m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(21)}\\
&+m_{000}^{(00)}m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(11)} + 2m_{000}^{(00)}m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(20)}\\
&-m_{000}^{(00)}m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)} + 2m_{000}^{(00)}(m_{000}^{(21)})^2m_{100}^{(10)}m_{010}^{(22)}\\
&+2m_{000}^{(00)}(m_{000}^{(21)})^2m_{100}^{(20)}m_{001}^{(11)} - 2m_{000}^{(00)}(m_{000}^{(21)})^2m_{100}^{(21)}m_{010}^{(20)}\\
&-2m_{000}^{(00)}(m_{000}^{(21)})^2m_{100}^{(21)}m_{001}^{(10)} - m_{000}^{(00)}(m_{000}^{(21)})^2m_{010}^{(00)}m_{010}^{(22)}\\
&-m_{000}^{(00)}(m_{000}^{(21)})^2m_{010}^{(00)}m_{001}^{(21)} + m_{000}^{(00)}(m_{000}^{(21)})^2(m_{010}^{(20)})^2 + 2m_{000}^{(00)}(m_{000}^{(21)})^2m_{010}^{(20)}m_{001}^{(10)}\\
&-m_{000}^{(00)}(m_{000}^{(21)})^2m_{010}^{(21)}m_{001}^{(00)} - m_{000}^{(00)}(m_{000}^{(21)})^2m_{001}^{(00)}m_{001}^{(11)} + m_{000}^{(00)}(m_{000}^{(21)})^2(m_{001}^{(10)})^2\\
&-2m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)} - m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}\\
&+m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)} + m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(10)}\\
&-m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)} + 2m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}\\
&+2m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)} + m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(11)}\\
&-2m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)} - 2m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}\\
&+m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)} + m_{000}^{(00)}(m_{000}^{(22)})^2m_{100}^{(10)}m_{010}^{(11)}\\
&-m_{000}^{(00)}(m_{000}^{(22)})^2m_{100}^{(11)}m_{010}^{(10)} - m_{000}^{(00)}(m_{000}^{(22)})^2m_{010}^{(00)}m_{010}^{(11)} + m_{000}^{(00)}(m_{000}^{(22)})^2(m_{010}^{(10)})^2\\
&+(m_{000}^{(10)})^3m_{100}^{(21)}m_{001}^{(22)} - (m_{000}^{(10)})^3m_{100}^{(22)}m_{001}^{(21)} + (m_{000}^{(10)})^3m_{010}^{(20)}m_{001}^{(22)}\\
&-(m_{000}^{(10)})^3m_{010}^{(22)}m_{001}^{(20)} - 2(m_{000}^{(10)})^3m_{001}^{(10)}m_{001}^{(22)} + 2(m_{000}^{(10)})^3m_{001}^{(20)}m_{001}^{(21)}\\
&-(m_{000}^{(10)})^2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)} + (m_{000}^{(10)})^2m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(20)}\\
&+(m_{000}^{(10)})^2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(22)} - (m_{000}^{(10)})^2m_{000}^{(11)}(m_{001}^{(20)})^2 - (m_{000}^{(10)})^2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(22)}\\
&-(m_{000}^{(10)})^2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(22)} + (m_{000}^{(10)})^2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(21)}\\
&+(m_{000}^{(10)})^2m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(11)} + (m_{000}^{(10)})^2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(22)}\\
&-4(m_{000}^{(10)})^2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(21)} + 3(m_{000}^{(10)})^2m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(10)}\\
&+2(m_{000}^{(10)})^2m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(21)} - 2(m_{000}^{(10)})^2m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(20)}\\
&+(m_{000}^{(10)})^2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(22)} + (m_{000}^{(10)})^2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}\\
&-4(m_{000}^{(10)})^2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(20)} - (m_{000}^{(10)})^2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)}\\
&+3(m_{000}^{(10)})^2m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(10)} - (m_{000}^{(10)})^2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(22)}\\
&+(m_{000}^{(10)})^2m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(00)} - 2(m_{000}^{(10)})^2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(21)}\\
&+2(m_{000}^{(10)})^2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)} - (m_{000}^{(10)})^2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(22)}\\
&-(m_{000}^{(10)})^2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(22)} + 2(m_{000}^{(10)})^2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(20)} + (m_{000}^{(10)})^2m_{000}^{(22)}(m_{100}^{(21)})^2\\
&+2(m_{000}^{(10)})^2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(20)} - 2(m_{000}^{(10)})^2m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(10)}\\
&-(m_{000}^{(10)})^2m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)} - (m_{000}^{(10)})^2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(22)}\\
&+2(m_{000}^{(10)})^2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)} + (m_{000}^{(10)})^2m_{000}^{(22)}(m_{010}^{(20)})^2\\
&-2(m_{000}^{(10)})^2m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)} + 2m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(21)}\\
&+2m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(20)} - 4m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(10)}\\
&+2m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(20)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(00)}\\
&+2m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(20)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(00)}\\
&+m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(22)} - m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(21)}\\
&+2m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(22)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(20)}
\end{aligned}
$$

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\begin{aligned}
&-2m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(21)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(20)}\\
&+2m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(10)} + m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(00)}\\
&+m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(00)} - m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(20)}\\
&+m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(00)} + m_{000}^{(10)}(m_{000}^{(20)})^2m_{100}^{(11)}m_{010}^{(22)}\\
&+m_{000}^{(10)}(m_{000}^{(20)})^2m_{100}^{(11)}m_{001}^{(21)} - m_{000}^{(10)}(m_{000}^{(20)})^2m_{100}^{(21)}m_{001}^{(11)}\\
&-m_{000}^{(10)}(m_{000}^{(20)})^2m_{100}^{(22)}m_{010}^{(11)} - 2m_{000}^{(10)}(m_{000}^{(20)})^2m_{010}^{(10)}m_{010}^{(22)}\\
&+m_{000}^{(10)}(m_{000}^{(20)})^2m_{010}^{(11)}m_{001}^{(20)} + 2m_{000}^{(10)}(m_{000}^{(20)})^2m_{010}^{(20)}m_{010}^{(21)}\\
&+3m_{000}^{(10)}(m_{000}^{(20)})^2m_{010}^{(20)}m_{001}^{(11)} - 4m_{000}^{(10)}(m_{000}^{(20)})^2m_{010}^{(21)}m_{001}^{(10)}\\
&-2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)} + 2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(22)}\\
&-2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)} - 2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(21)}(m_{100}^{(21)})^2\\
&+2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)} + 2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}\\
&+2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(22)} - 2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}\\
&-2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(21)}(m_{010}^{(20)})^2 + 2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(10)}\\
&+2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(11)} - 2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(21)}(m_{001}^{(10)})^2\\
&+2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)} - 4m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)}\\
&+2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)} - 2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(11)}\\
&+2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)} - m_{000}^{(10)}(m_{000}^{(21)})^2m_{100}^{(00)}m_{010}^{(22)}\\
&+m_{000}^{(10)}(m_{000}^{(21)})^2m_{100}^{(00)}m_{001}^{(21)} - 2m_{000}^{(10)}(m_{000}^{(21)})^2m_{100}^{(10)}m_{100}^{(22)}\\
&+2m_{000}^{(10)}(m_{000}^{(21)})^2m_{100}^{(20)}m_{100}^{(21)} - 4m_{000}^{(10)}(m_{000}^{(21)})^2m_{100}^{(20)}m_{001}^{(10)}\\
&+3m_{000}^{(10)}(m_{000}^{(21)})^2m_{100}^{(21)}m_{001}^{(00)} + m_{000}^{(10)}(m_{000}^{(21)})^2m_{100}^{(22)}m_{010}^{(00)}\\
&+m_{000}^{(10)}(m_{000}^{(21)})^2m_{010}^{(00)}m_{001}^{(20)} - m_{000}^{(10)}(m_{000}^{(21)})^2m_{010}^{(20)}m_{001}^{(00)}\\
&+2m_{000}^{(10)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)} + 2m_{000}^{(10)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)}\\
&-2m_{000}^{(10)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(00)} + 2m_{000}^{(10)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}\\
&-4m_{000}^{(10)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)} - 2m_{000}^{(10)}(m_{000}^{(22)})^2m_{100}^{(10)}m_{010}^{(10)}\\
&+2m_{000}^{(10)}(m_{000}^{(22)})^2m_{100}^{(11)}m_{010}^{(00)} - 2(m_{000}^{(11)})^2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(20)}\\
&+2(m_{000}^{(11)})^2m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(00)} - (m_{000}^{(11)})^2m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(22)}\\
&+(m_{000}^{(11)})^2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(20)} + (m_{000}^{(11)})^2m_{000}^{(22)}(m_{100}^{(20)})^2 - (m_{000}^{(11)})^2m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(00)}\\
&-m_{000}^{(11)}(m_{000}^{(20)})^2m_{100}^{(11)}m_{100}^{(22)} - m_{000}^{(11)}(m_{000}^{(20)})^2m_{100}^{(11)}m_{001}^{(20)}\\
&-m_{000}^{(11)}(m_{000}^{(20)})^2m_{100}^{(20)}m_{001}^{(11)} + m_{000}^{(11)}(m_{000}^{(20)})^2(m_{100}^{(21)})^2 - 2m_{000}^{(11)}(m_{000}^{(20)})^2m_{100}^{(21)}m_{010}^{(20)}\\
&+2m_{000}^{(11)}(m_{000}^{(20)})^2m_{100}^{(21)}m_{001}^{(10)} + 2m_{000}^{(11)}(m_{000}^{(20)})^2m_{100}^{(22)}m_{010}^{(10)}\\
&-2m_{000}^{(11)}(m_{000}^{(20)})^2m_{010}^{(20)}m_{001}^{(10)} + 2m_{000}^{(11)}(m_{000}^{(20)})^2m_{010}^{(21)}m_{001}^{(00)}\\
&-m_{000}^{(11)}(m_{000}^{(20)})^2m_{001}^{(00)}m_{001}^{(11)} + m_{000}^{(11)}(m_{000}^{(20)})^2(m_{001}^{(10)})^2\\
&+2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)} + 2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}\\
&+2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)} - 4m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}\\
&-2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(00)} - m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(21)}\\
&+m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(11)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}\\
&+2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)}\\
&+2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)} + m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(00)}
\end{aligned}
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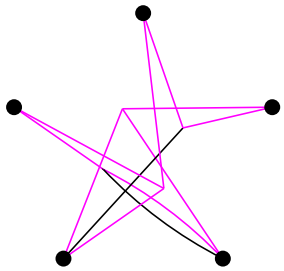
\begin{aligned}
&-2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)} + m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}\\
&+m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)} - m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}\\
&+m_{000}^{(11)}(m_{000}^{(21)})^2m_{100}^{(00)}m_{100}^{(22)} - m_{000}^{(11)}(m_{000}^{(21)})^2m_{100}^{(00)}m_{001}^{(20)} - m_{000}^{(11)}(m_{000}^{(21)})^2(m_{100}^{(20)})^2\\
&+m_{000}^{(11)}(m_{000}^{(21)})^2m_{100}^{(20)}m_{001}^{(00)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)}\\
&-m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(20)} - m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(10)}\\
&-2m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(20)} + m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(00)}\\
&+m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(00)} - m_{000}^{(11)}(m_{000}^{(22)})^2m_{100}^{(00)}m_{100}^{(11)}\\
&+m_{000}^{(11)}(m_{000}^{(22)})^2m_{100}^{(00)}m_{010}^{(10)} + m_{000}^{(11)}(m_{000}^{(22)})^2(m_{100}^{(10)})^2 - m_{000}^{(11)}(m_{000}^{(22)})^2m_{100}^{(10)}m_{010}^{(00)}\\
&-(m_{000}^{(20)})^3m_{100}^{(11)}m_{010}^{(21)} + (m_{000}^{(20)})^3m_{100}^{(21)}m_{010}^{(11)} + 2(m_{000}^{(20)})^3m_{010}^{(10)}m_{010}^{(21)}\\
&-(m_{000}^{(20)})^3m_{010}^{(10)}m_{001}^{(11)} - 2(m_{000}^{(20)})^3m_{010}^{(11)}m_{010}^{(20)} + (m_{000}^{(20)})^3m_{010}^{(11)}m_{001}^{(10)}\\
&+(m_{000}^{(20)})^2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(11)} + 3(m_{000}^{(20)})^2m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(20)}\\
&-(m_{000}^{(20)})^2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(10)} + (m_{000}^{(20)})^2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(11)}\\
&-4(m_{000}^{(20)})^2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(10)} - 2(m_{000}^{(20)})^2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(21)}\\
&+(m_{000}^{(20)})^2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(11)} + 2(m_{000}^{(20)})^2m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(20)}\\
&-(m_{000}^{(20)})^2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(00)} - (m_{000}^{(20)})^2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}\\
&+(m_{000}^{(20)})^2m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(10)} + (m_{000}^{(20)})^2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(11)} - (m_{000}^{(20)})^2m_{000}^{(22)}(m_{010}^{(10)})^2\\
&+m_{000}^{(20)}(m_{000}^{(21)})^2m_{100}^{(00)}m_{010}^{(21)} - m_{000}^{(20)}(m_{000}^{(21)})^2m_{100}^{(00)}m_{001}^{(11)}\\
&+2m_{000}^{(20)}(m_{000}^{(21)})^2m_{100}^{(10)}m_{100}^{(21)} - 4m_{000}^{(20)}(m_{000}^{(21)})^2m_{100}^{(10)}m_{010}^{(20)}\\
&-2m_{000}^{(20)}(m_{000}^{(21)})^2m_{100}^{(11)}m_{100}^{(20)} + m_{000}^{(20)}(m_{000}^{(21)})^2m_{100}^{(11)}m_{001}^{(00)}\\
&+3m_{000}^{(20)}(m_{000}^{(21)})^2m_{100}^{(21)}m_{010}^{(00)} - m_{000}^{(20)}(m_{000}^{(21)})^2m_{010}^{(00)}m_{001}^{(10)}\\
&+m_{000}^{(20)}(m_{000}^{(21)})^2m_{010}^{(10)}m_{001}^{(00)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(10)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(00)} - 2(m_{000}^{(21)})^3m_{100}^{(00)}m_{100}^{(21)} + (m_{000}^{(21)})^3m_{100}^{(00)}m_{010}^{(20)}\\
&+(m_{000}^{(21)})^3m_{100}^{(00)}m_{001}^{(10)} + 2(m_{000}^{(21)})^3m_{100}^{(10)}m_{100}^{(20)} - (m_{000}^{(21)})^3m_{100}^{(10)}m_{001}^{(00)}\\
&-(m_{000}^{(21)})^3m_{100}^{(20)}m_{010}^{(00)} + (m_{000}^{(21)})^2m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(11)} - (m_{000}^{(21)})^2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(10)}\\
&-(m_{000}^{(21)})^2m_{000}^{(22)}(m_{100}^{(10)})^2 + (m_{000}^{(21)})^2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & 1 & V1 & V2\\
V2 & V3 & V4 & V5\\
V3 & V4 & V5 & 5
\end{array}
$$



$$
\begin{aligned}
T_{20} \;=\;& (m_{000}^{(00)})^2 m_{000}^{(11)} m_{010}^{(21)} m_{001}^{(22)} - (m_{000}^{(00)})^2 m_{000}^{(11)} m_{010}^{(22)} m_{001}^{(21)} + (m_{000}^{(00)})^2 m_{000}^{(11)} m_{001}^{(11)} m_{001}^{(22)} \\
& -(m_{000}^{(00)})^2 m_{000}^{(11)} (m_{001}^{(21)})^2 - 2(m_{000}^{(00)})^2 m_{000}^{(21)} m_{010}^{(11)} m_{001}^{(22)} \\
& +2(m_{000}^{(00)})^2 m_{000}^{(21)} m_{010}^{(21)} m_{001}^{(21)} + (m_{000}^{(00)})^2 m_{000}^{(22)} m_{010}^{(11)} m_{010}^{(22)} \\
& +(m_{000}^{(00)})^2 m_{000}^{(22)} m_{010}^{(11)} m_{001}^{(21)} - (m_{000}^{(00)})^2 m_{000}^{(22)} (m_{010}^{(21)})^2 - (m_{000}^{(00)})^2 m_{000}^{(22)} m_{010}^{(21)} m_{001}^{(11)} \\
& -m_{000}^{(00)} (m_{000}^{(10)})^2 m_{010}^{(21)} m_{001}^{(22)} + m_{000}^{(00)} (m_{000}^{(10)})^2 m_{010}^{(22)} m_{001}^{(21)} \\
& -m_{000}^{(00)} (m_{000}^{(10)})^2 m_{001}^{(11)} m_{001}^{(22)} + m_{000}^{(00)} (m_{000}^{(10)})^2 (m_{001}^{(21)})^2 - m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(21)} m_{001}^{(22)} \\
& +m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(22)} m_{001}^{(21)} - m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(11)} m_{010}^{(20)} m_{001}^{(22)} \\
& +m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(11)} m_{010}^{(22)} m_{001}^{(20)} - 2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(11)} m_{001}^{(10)} m_{001}^{(22)} \\
& +2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(11)} m_{001}^{(20)} m_{001}^{(21)} + 2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(20)} m_{010}^{(11)} m_{001}^{(22)} \\
& -2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(20)} m_{010}^{(21)} m_{001}^{(21)} + 2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(21)} m_{100}^{(11)} m_{001}^{(22)} \\
& -2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(21)} m_{100}^{(21)} m_{001}^{(21)} + 4m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(21)} m_{010}^{(10)} m_{001}^{(22)} \\
& -2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(21)} m_{010}^{(20)} m_{001}^{(21)} - 2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(21)} m_{010}^{(21)} m_{001}^{(20)} \\
& -m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{100}^{(11)} m_{010}^{(22)} - m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{100}^{(11)} m_{001}^{(21)} \\
& +2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{100}^{(21)} m_{010}^{(21)} + m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{100}^{(21)} m_{001}^{(11)} \\
& -m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{100}^{(22)} m_{010}^{(11)} - 2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{010}^{(10)} m_{010}^{(22)} \\
& -2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{010}^{(10)} m_{001}^{(21)} - m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{010}^{(11)} m_{001}^{(20)} \\
& +2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{010}^{(20)} m_{010}^{(21)} + m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{010}^{(20)} m_{001}^{(11)} \\
& +2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{010}^{(21)} m_{001}^{(10)} + m_{000}^{(00)} (m_{000}^{(11)})^2 m_{100}^{(20)} m_{001}^{(22)} \\
& -m_{000}^{(00)} (m_{000}^{(11)})^2 m_{100}^{(22)} m_{001}^{(20)} + m_{000}^{(00)} (m_{000}^{(11)})^2 m_{001}^{(00)} m_{001}^{(22)} - m_{000}^{(00)} (m_{000}^{(11)})^2 (m_{001}^{(20)})^2 \\
& -m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(11)} m_{001}^{(22)} + m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(21)} m_{010}^{(22)} \\
& +2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(21)} m_{001}^{(21)} - m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(22)} m_{010}^{(21)} \\
& -m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(22)} m_{001}^{(11)} - m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{010}^{(10)} m_{001}^{(22)} \\
& +2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{010}^{(21)} m_{001}^{(21)} - 2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{010}^{(21)} m_{001}^{(20)} \\
& +m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{010}^{(22)} m_{001}^{(10)} + 2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{001}^{(10)} m_{001}^{(21)} \\
& -2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{001}^{(11)} m_{001}^{(20)} - m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{100}^{(10)} m_{001}^{(22)} \\
& -m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{100}^{(20)} m_{010}^{(22)} - 2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{100}^{(20)} m_{001}^{(21)} \\
& +2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{100}^{(21)} m_{001}^{(20)} + m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{100}^{(22)} m_{010}^{(20)} \\
& +m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{100}^{(22)} m_{001}^{(10)} - m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{010}^{(00)} m_{001}^{(22)} \\
& +2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{010}^{(20)} m_{001}^{(20)} - m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{010}^{(22)} m_{001}^{(00)} \\
& -2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{001}^{(00)} m_{001}^{(21)} + 2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{001}^{(10)} m_{001}^{(20)} \\
& -m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(10)} m_{010}^{(22)} + 2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(10)} m_{001}^{(21)} \\
& +2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(11)} m_{100}^{(22)} - m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(11)} m_{001}^{(20)} \\
& +2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(20)} m_{010}^{(21)} - m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(20)} m_{001}^{(11)} \\
& -2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} (m_{100}^{(21)})^2 - m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(22)} m_{010}^{(10)} \\
& +2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} m_{010}^{(00)} m_{010}^{(22)} - m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} m_{010}^{(00)} m_{001}^{(21)} \\
& +2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} m_{010}^{(10)} m_{001}^{(20)} - 2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} (m_{010}^{(20)})^2 \\
& -m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} m_{010}^{(21)} m_{001}^{(00)} + 2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} m_{001}^{(00)} m_{001}^{(11)} \\
& -2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} (m_{001}^{(10)})^2 - m_{000}^{(00)} (m_{000}^{(20)})^2 m_{010}^{(11)} m_{010}^{(22)}
\end{aligned}
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\begin{aligned}
&-m_{000}^{(00)}(m_{000}^{(20)})^2 m_{010}^{(11)} m_{001}^{(21)} + m_{000}^{(00)}(m_{000}^{(20)})^2 (m_{010}^{(21)})^2 + m_{000}^{(00)}(m_{000}^{(20)})^2 m_{010}^{(21)} m_{001}^{(11)} \\
&-2m_{000}^{(00)} m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(21)} m_{010}^{(21)} + 2m_{000}^{(00)} m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(22)} m_{010}^{(11)} \\
&-2m_{000}^{(00)} m_{000}^{(20)} m_{000}^{(21)} m_{010}^{(10)} m_{001}^{(21)} + 4m_{000}^{(00)} m_{000}^{(20)} m_{000}^{(21)} m_{010}^{(11)} m_{001}^{(20)} \\
&-2m_{000}^{(00)} m_{000}^{(20)} m_{000}^{(21)} m_{010}^{(21)} m_{001}^{(10)} + m_{000}^{(00)} m_{000}^{(20)} m_{000}^{(22)} m_{100}^{(11)} m_{010}^{(21)} \\
&-m_{000}^{(00)} m_{000}^{(20)} m_{000}^{(22)} m_{100}^{(21)} m_{010}^{(11)} + 2m_{000}^{(00)} m_{000}^{(20)} m_{000}^{(22)} m_{010}^{(10)} m_{010}^{(21)} \\
&+m_{000}^{(00)} m_{000}^{(20)} m_{000}^{(22)} m_{010}^{(10)} m_{001}^{(11)} - 2m_{000}^{(00)} m_{000}^{(20)} m_{000}^{(22)} m_{010}^{(11)} m_{010}^{(20)} \\
&-m_{000}^{(00)} m_{000}^{(20)} m_{000}^{(22)} m_{010}^{(11)} m_{001}^{(10)} + 2m_{000}^{(00)} (m_{000}^{(21)})^2 m_{100}^{(10)} m_{010}^{(22)} \\
&-2m_{000}^{(00)} (m_{000}^{(21)})^2 m_{100}^{(11)} m_{100}^{(22)} + 2m_{000}^{(00)} (m_{000}^{(21)})^2 m_{100}^{(20)} m_{001}^{(11)} \\
&+2m_{000}^{(00)} (m_{000}^{(21)})^2 (m_{100}^{(21)})^2 - 2m_{000}^{(00)} (m_{000}^{(21)})^2 m_{100}^{(21)} m_{010}^{(20)} \\
&-2m_{000}^{(00)} (m_{000}^{(21)})^2 m_{100}^{(21)} m_{001}^{(10)} - m_{000}^{(00)} (m_{000}^{(21)})^2 m_{010}^{(00)} m_{010}^{(22)} \\
&+3m_{000}^{(00)} (m_{000}^{(21)})^2 m_{010}^{(00)} m_{001}^{(21)} - 4m_{000}^{(00)} (m_{000}^{(21)})^2 m_{010}^{(10)} m_{001}^{(20)} \\
&+m_{000}^{(00)} (m_{000}^{(21)})^2 (m_{010}^{(20)})^2 - 2m_{000}^{(00)} (m_{000}^{(21)})^2 m_{010}^{(20)} m_{001}^{(10)} \\
&+3m_{000}^{(00)} (m_{000}^{(21)})^2 m_{010}^{(21)} m_{001}^{(00)} - m_{000}^{(00)} (m_{000}^{(21)})^2 m_{001}^{(00)} m_{001}^{(11)} + m_{000}^{(00)} (m_{000}^{(21)})^2 (m_{001}^{(10)})^2 \\
&-2m_{000}^{(00)} m_{000}^{(21)} m_{000}^{(22)} m_{100}^{(10)} m_{010}^{(21)} - m_{000}^{(00)} m_{000}^{(21)} m_{000}^{(22)} m_{100}^{(10)} m_{001}^{(11)} \\
&+m_{000}^{(00)} m_{000}^{(21)} m_{000}^{(22)} m_{100}^{(11)} m_{010}^{(20)} + m_{000}^{(00)} m_{000}^{(21)} m_{000}^{(22)} m_{100}^{(11)} m_{001}^{(10)} \\
&-m_{000}^{(00)} m_{000}^{(21)} m_{000}^{(22)} m_{100}^{(20)} m_{010}^{(11)} + 2m_{000}^{(00)} m_{000}^{(21)} m_{000}^{(22)} m_{100}^{(21)} m_{010}^{(10)} \\
&-2m_{000}^{(00)} m_{000}^{(21)} m_{000}^{(22)} m_{010}^{(00)} m_{010}^{(21)} - m_{000}^{(00)} m_{000}^{(21)} m_{000}^{(22)} m_{010}^{(00)} m_{001}^{(11)} \\
&+2m_{000}^{(00)} m_{000}^{(21)} m_{000}^{(22)} m_{010}^{(10)} m_{010}^{(20)} + 2m_{000}^{(00)} m_{000}^{(21)} m_{000}^{(22)} m_{010}^{(10)} m_{001}^{(10)} \\
&-m_{000}^{(00)} m_{000}^{(21)} m_{000}^{(22)} m_{010}^{(11)} m_{001}^{(00)} + m_{000}^{(00)} (m_{000}^{(22)})^2 m_{100}^{(10)} m_{010}^{(11)} \\
&-m_{000}^{(00)} (m_{000}^{(22)})^2 m_{100}^{(11)} m_{010}^{(10)} + m_{000}^{(00)} (m_{000}^{(22)})^2 m_{010}^{(00)} m_{010}^{(11)} - m_{000}^{(00)} (m_{000}^{(22)})^2 (m_{010}^{(10)})^2 \\
&+(m_{000}^{(10)})^3 m_{100}^{(21)} m_{001}^{(22)} - (m_{000}^{(10)})^3 m_{100}^{(22)} m_{001}^{(21)} + (m_{000}^{(10)})^3 m_{010}^{(20)} m_{001}^{(22)} \\
&-(m_{000}^{(10)})^3 m_{010}^{(22)} m_{001}^{(20)} + 2(m_{000}^{(10)})^3 m_{001}^{(10)} m_{001}^{(22)} - 2(m_{000}^{(10)})^3 m_{001}^{(20)} m_{001}^{(21)} \\
&-(m_{000}^{(10)})^2 m_{000}^{(11)} m_{100}^{(20)} m_{001}^{(22)} + (m_{000}^{(10)})^2 m_{000}^{(11)} m_{100}^{(22)} m_{001}^{(20)} \\
&-(m_{000}^{(10)})^2 m_{000}^{(11)} m_{001}^{(00)} m_{001}^{(22)} + (m_{000}^{(10)})^2 m_{000}^{(11)} (m_{001}^{(20)})^2 - (m_{000}^{(10)})^2 m_{000}^{(20)} m_{100}^{(11)} m_{001}^{(22)} \\
&-(m_{000}^{(10)})^2 m_{000}^{(20)} m_{100}^{(21)} m_{010}^{(22)} + (m_{000}^{(10)})^2 m_{000}^{(20)} m_{100}^{(22)} m_{010}^{(21)} \\
&+(m_{000}^{(10)})^2 m_{000}^{(20)} m_{100}^{(22)} m_{001}^{(11)} - 3(m_{000}^{(10)})^2 m_{000}^{(20)} m_{010}^{(10)} m_{001}^{(22)} \\
&+4(m_{000}^{(10)})^2 m_{000}^{(20)} m_{010}^{(21)} m_{001}^{(20)} - (m_{000}^{(10)})^2 m_{000}^{(20)} m_{010}^{(22)} m_{001}^{(10)} \\
&-2(m_{000}^{(10)})^2 m_{000}^{(20)} m_{001}^{(10)} m_{001}^{(21)} + 2(m_{000}^{(10)})^2 m_{000}^{(20)} m_{001}^{(11)} m_{001}^{(20)} \\
&-3(m_{000}^{(10)})^2 m_{000}^{(21)} m_{100}^{(10)} m_{001}^{(22)} + (m_{000}^{(10)})^2 m_{000}^{(21)} m_{100}^{(20)} m_{010}^{(22)} \\
&+4(m_{000}^{(10)})^2 m_{000}^{(21)} m_{100}^{(20)} m_{001}^{(21)} - (m_{000}^{(10)})^2 m_{000}^{(21)} m_{100}^{(22)} m_{010}^{(20)} \\
&-(m_{000}^{(10)})^2 m_{000}^{(21)} m_{100}^{(22)} m_{001}^{(10)} - (m_{000}^{(10)})^2 m_{000}^{(21)} m_{010}^{(00)} m_{001}^{(22)} \\
&+(m_{000}^{(10)})^2 m_{000}^{(21)} m_{010}^{(22)} m_{001}^{(00)} + 2(m_{000}^{(10)})^2 m_{000}^{(21)} m_{001}^{(00)} m_{001}^{(21)} \\
&-2(m_{000}^{(10)})^2 m_{000}^{(21)} m_{001}^{(10)} m_{001}^{(20)} + 3(m_{000}^{(10)})^2 m_{000}^{(22)} m_{100}^{(10)} m_{010}^{(22)} \\
&-(m_{000}^{(10)})^2 m_{000}^{(22)} m_{100}^{(11)} m_{100}^{(22)} + 2(m_{000}^{(10)})^2 m_{000}^{(22)} m_{100}^{(11)} m_{001}^{(20)} \\
&-4(m_{000}^{(10)})^2 m_{000}^{(22)} m_{100}^{(20)} m_{010}^{(21)} + (m_{000}^{(10)})^2 m_{000}^{(22)} (m_{100}^{(21)})^2 \\
&-2(m_{000}^{(10)})^2 m_{000}^{(22)} m_{100}^{(21)} m_{010}^{(20)} - 2(m_{000}^{(10)})^2 m_{000}^{(22)} m_{100}^{(21)} m_{001}^{(10)} \\
&+3(m_{000}^{(10)})^2 m_{000}^{(22)} m_{100}^{(22)} m_{010}^{(10)} - (m_{000}^{(10)})^2 m_{000}^{(22)} m_{010}^{(00)} m_{010}^{(22)} \\
&+2(m_{000}^{(10)})^2 m_{000}^{(22)} m_{010}^{(00)} m_{001}^{(21)} + (m_{000}^{(10)})^2 m_{000}^{(22)} (m_{010}^{(20)})^2
\end{aligned}
$$

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\begin{aligned}
&-2(m_{000}^{(10)})^2 m_{000}^{(22)} m_{010}^{(20)} m_{001}^{(10)} - 2(m_{000}^{(10)})^2 m_{000}^{(22)} m_{001}^{(00)} m_{001}^{(11)} \\
&+2(m_{000}^{(10)})^2 m_{000}^{(22)} (m_{001}^{(10)})^2 + 4m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(10)} m_{001}^{(22)} \\
&-2m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(20)} m_{001}^{(21)} - 2m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(21)} m_{001}^{(20)} \\
&+2m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(20)} m_{010}^{(00)} m_{001}^{(22)} - 2m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(20)} m_{010}^{(20)} m_{001}^{(20)} \\
&+2m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(21)} m_{100}^{(00)} m_{001}^{(22)} - 2m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(21)} m_{100}^{(20)} m_{001}^{(20)} \\
&-m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(00)} m_{010}^{(22)} - m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(00)} m_{001}^{(21)} \\
&-2m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(10)} m_{100}^{(22)} - 2m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(10)} m_{001}^{(20)} \\
&+2m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(20)} m_{100}^{(21)} + 2m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(20)} m_{010}^{(20)} \\
&+2m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(20)} m_{001}^{(10)} + m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(21)} m_{001}^{(00)} \\
&-m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(22)} m_{010}^{(00)} - m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(22)} m_{010}^{(00)} m_{001}^{(20)} \\
&+m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(22)} m_{010}^{(20)} m_{001}^{(00)} + m_{000}^{(10)} (m_{000}^{(20)})^2 m_{100}^{(11)} m_{010}^{(22)} \\
&+m_{000}^{(10)} (m_{000}^{(20)})^2 m_{100}^{(11)} m_{001}^{(21)} - m_{000}^{(10)} (m_{000}^{(20)})^2 m_{100}^{(21)} m_{001}^{(11)} \\
&-m_{000}^{(10)} (m_{000}^{(20)})^2 m_{100}^{(22)} m_{010}^{(11)} + 2m_{000}^{(10)} (m_{000}^{(20)})^2 m_{010}^{(10)} m_{010}^{(22)} \\
&+4m_{000}^{(10)} (m_{000}^{(20)})^2 m_{010}^{(10)} m_{001}^{(21)} - 3m_{000}^{(10)} (m_{000}^{(20)})^2 m_{010}^{(11)} m_{001}^{(20)} \\
&-2m_{000}^{(10)} (m_{000}^{(20)})^2 m_{010}^{(20)} m_{010}^{(21)} - m_{000}^{(10)} (m_{000}^{(20)})^2 m_{010}^{(20)} m_{001}^{(11)} \\
&-4m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(10)} m_{010}^{(22)} + 2m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(10)} m_{001}^{(21)} \\
&+2m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(11)} m_{100}^{(22)} - 4m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(11)} m_{001}^{(20)} \\
&+2m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(20)} m_{010}^{(21)} - 4m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(20)} m_{001}^{(11)} \\
&-2m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(21)} (m_{100}^{(21)})^2 + 6m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(21)} m_{010}^{(20)} \\
&+6m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(21)} m_{001}^{(10)} - 4m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(22)} m_{010}^{(10)} \\
&+2m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(21)} m_{010}^{(00)} m_{010}^{(22)} - 4m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(21)} m_{010}^{(00)} m_{001}^{(21)} \\
&+2m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(21)} m_{010}^{(10)} m_{001}^{(20)} - 2m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(21)} (m_{010}^{(20)})^2 \\
&+6m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(21)} m_{010}^{(20)} m_{001}^{(10)} - 4m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(21)} m_{010}^{(21)} m_{001}^{(00)} \\
&+2m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(21)} m_{001}^{(00)} m_{001}^{(11)} - 2m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(21)} (m_{001}^{(10)})^2 \\
&-2m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(22)} m_{100}^{(10)} m_{010}^{(21)} + 4m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(22)} m_{100}^{(20)} m_{010}^{(11)} \\
&-2m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(22)} m_{100}^{(21)} m_{010}^{(10)} - 2m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(22)} m_{010}^{(10)} m_{001}^{(10)} \\
&+2m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(22)} m_{010}^{(11)} m_{001}^{(00)} - m_{000}^{(10)} (m_{000}^{(21)})^2 m_{100}^{(00)} m_{010}^{(22)} \\
&-3m_{000}^{(10)} (m_{000}^{(21)})^2 m_{100}^{(00)} m_{001}^{(21)} + 2m_{000}^{(10)} (m_{000}^{(21)})^2 m_{100}^{(10)} m_{100}^{(22)} \\
&+4m_{000}^{(10)} (m_{000}^{(21)})^2 m_{100}^{(10)} m_{001}^{(20)} - 2m_{000}^{(10)} (m_{000}^{(21)})^2 m_{100}^{(20)} m_{100}^{(21)} \\
&-m_{000}^{(10)} (m_{000}^{(21)})^2 m_{100}^{(21)} m_{001}^{(00)} + m_{000}^{(10)} (m_{000}^{(21)})^2 m_{100}^{(22)} m_{010}^{(00)} \\
&+m_{000}^{(10)} (m_{000}^{(21)})^2 m_{010}^{(00)} m_{001}^{(20)} - m_{000}^{(10)} (m_{000}^{(21)})^2 m_{010}^{(20)} m_{001}^{(00)} \\
&+4m_{000}^{(10)} m_{000}^{(21)} m_{000}^{(22)} m_{100}^{(00)} m_{010}^{(21)} + 2m_{000}^{(10)} m_{000}^{(21)} m_{000}^{(22)} m_{100}^{(00)} m_{001}^{(11)} \\
&-2m_{000}^{(10)} m_{000}^{(21)} m_{000}^{(22)} m_{100}^{(10)} m_{010}^{(20)} - 2m_{000}^{(10)} m_{000}^{(21)} m_{000}^{(22)} m_{100}^{(10)} m_{001}^{(10)} \\
&-2m_{000}^{(10)} m_{000}^{(21)} m_{000}^{(22)} m_{100}^{(20)} m_{010}^{(10)} - 2m_{000}^{(10)} (m_{000}^{(22)})^2 m_{100}^{(00)} m_{010}^{(11)} \\
&+2m_{000}^{(10)} (m_{000}^{(22)})^2 m_{100}^{(10)} m_{010}^{(10)} - 2(m_{000}^{(11)})^2 m_{000}^{(20)} m_{100}^{(00)} m_{001}^{(22)} \\
&+2(m_{000}^{(11)})^2 m_{000}^{(20)} m_{100}^{(20)} m_{001}^{(20)} + (m_{000}^{(11)})^2 m_{000}^{(22)} m_{100}^{(00)} m_{100}^{(22)} \\
&+(m_{000}^{(11)})^2 m_{000}^{(22)} m_{100}^{(00)} m_{001}^{(20)} - (m_{000}^{(11)})^2 m_{000}^{(22)} (m_{100}^{(20)})^2 - (m_{000}^{(11)})^2 m_{000}^{(22)} m_{100}^{(20)} m_{001}^{(00)} \\
&-4m_{000}^{(11)} (m_{000}^{(20)})^2 m_{100}^{(10)} m_{001}^{(21)} - m_{000}^{(11)} (m_{000}^{(20)})^2 m_{100}^{(11)} m_{100}^{(22)}
\end{aligned}
$$

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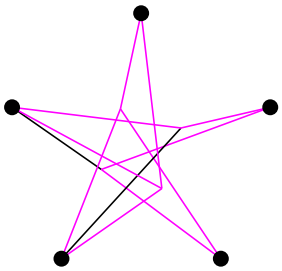
\begin{aligned}
&+3m_{000}^{(11)}(m_{000}^{(20)})^2m_{100}^{(11)}m_{001}^{(20)} + 3m_{000}^{(11)}(m_{000}^{(20)})^2m_{100}^{(20)}m_{001}^{(11)}\\
&+m_{000}^{(11)}(m_{000}^{(20)})^2(m_{100}^{(21)})^2 - 2m_{000}^{(11)}(m_{000}^{(20)})^2m_{100}^{(21)}m_{010}^{(20)}\\
&-2m_{000}^{(11)}(m_{000}^{(20)})^2m_{100}^{(21)}m_{001}^{(10)} + 2m_{000}^{(11)}(m_{000}^{(20)})^2m_{100}^{(22)}m_{010}^{(10)}\\
&-2m_{000}^{(11)}(m_{000}^{(20)})^2m_{010}^{(00)}m_{010}^{(22)} + 2m_{000}^{(11)}(m_{000}^{(20)})^2(m_{010}^{(20)})^2\\
&-2m_{000}^{(11)}(m_{000}^{(20)})^2m_{010}^{(20)}m_{001}^{(10)} + 2m_{000}^{(11)}(m_{000}^{(20)})^2m_{010}^{(21)}m_{001}^{(00)}\\
&-m_{000}^{(11)}(m_{000}^{(20)})^2m_{001}^{(00)}m_{001}^{(11)} + m_{000}^{(11)}(m_{000}^{(20)})^2(m_{001}^{(10)})^2\\
&+2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(22)} + 4m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}\\
&-2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}\\
&-2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)} - m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}\\
&-m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(11)} + 2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}\\
&+2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)} + 2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)}\\
&-2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)} - m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(00)}\\
&-2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)} + m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}\\
&+m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)} - m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}\\
&-m_{000}^{(11)}(m_{000}^{(21)})^2m_{100}^{(00)}m_{100}^{(22)} - m_{000}^{(11)}(m_{000}^{(21)})^2m_{100}^{(00)}m_{001}^{(20)} + m_{000}^{(11)}(m_{000}^{(21)})^2(m_{100}^{(20)})^2\\
&+m_{000}^{(11)}(m_{000}^{(21)})^2m_{100}^{(20)}m_{001}^{(00)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)}\\
&-m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(20)} - m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(10)}\\
&+2m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(20)} + m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(00)}\\
&+m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(00)} + m_{000}^{(11)}(m_{000}^{(22)})^2m_{100}^{(00)}m_{100}^{(11)}\\
&+m_{000}^{(11)}(m_{000}^{(22)})^2m_{100}^{(00)}m_{010}^{(10)} - m_{000}^{(11)}(m_{000}^{(22)})^2(m_{100}^{(10)})^2 - m_{000}^{(11)}(m_{000}^{(22)})^2m_{100}^{(10)}m_{010}^{(00)}\\
&-(m_{000}^{(20)})^3m_{100}^{(11)}m_{010}^{(21)} + (m_{000}^{(20)})^3m_{100}^{(21)}m_{010}^{(11)} - 2(m_{000}^{(20)})^3m_{010}^{(10)}m_{010}^{(21)}\\
&-(m_{000}^{(20)})^3m_{010}^{(10)}m_{001}^{(11)} + 2(m_{000}^{(20)})^3m_{010}^{(11)}m_{010}^{(20)} + (m_{000}^{(20)})^3m_{010}^{(11)}m_{001}^{(10)}\\
&+4(m_{000}^{(20)})^2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(21)} + (m_{000}^{(20)})^2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(11)}\\
&-(m_{000}^{(20)})^2m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(20)} - (m_{000}^{(20)})^2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(10)}\\
&-3(m_{000}^{(20)})^2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(11)} + 2(m_{000}^{(20)})^2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(21)}\\
&+(m_{000}^{(20)})^2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(11)} - 2(m_{000}^{(20)})^2m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(20)}\\
&-(m_{000}^{(20)})^2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(00)} - (m_{000}^{(20)})^2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}\\
&+(m_{000}^{(20)})^2m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(10)} - (m_{000}^{(20)})^2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(11)} + (m_{000}^{(20)})^2m_{000}^{(22)}(m_{010}^{(10)})^2\\
&-3m_{000}^{(20)}(m_{000}^{(21)})^2m_{100}^{(00)}m_{010}^{(21)} - m_{000}^{(20)}(m_{000}^{(21)})^2m_{100}^{(00)}m_{001}^{(11)}\\
&-2m_{000}^{(20)}(m_{000}^{(21)})^2m_{100}^{(10)}m_{100}^{(21)} + 2m_{000}^{(20)}(m_{000}^{(21)})^2m_{100}^{(11)}m_{100}^{(20)}\\
&+m_{000}^{(20)}(m_{000}^{(21)})^2m_{100}^{(11)}m_{001}^{(00)} + 4m_{000}^{(20)}(m_{000}^{(21)})^2m_{100}^{(20)}m_{010}^{(10)}\\
&-m_{000}^{(20)}(m_{000}^{(21)})^2m_{100}^{(21)}m_{010}^{(00)} - m_{000}^{(20)}(m_{000}^{(21)})^2m_{010}^{(00)}m_{001}^{(10)}\\
&+m_{000}^{(20)}(m_{000}^{(21)})^2m_{010}^{(10)}m_{001}^{(00)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(11)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(10)} + 2(m_{000}^{(21)})^3m_{100}^{(00)}m_{100}^{(21)} + (m_{000}^{(21)})^3m_{100}^{(00)}m_{010}^{(20)}\\
&+(m_{000}^{(21)})^3m_{100}^{(00)}m_{001}^{(10)} - 2(m_{000}^{(21)})^3m_{100}^{(10)}m_{100}^{(20)} - (m_{000}^{(21)})^3m_{100}^{(10)}m_{001}^{(00)}\\
&-(m_{000}^{(21)})^3m_{100}^{(20)}m_{010}^{(00)} - (m_{000}^{(21)})^2m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(11)} - (m_{000}^{(21)})^2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(10)}\\
&+(m_{000}^{(21)})^2m_{000}^{(22)}(m_{100}^{(10)})^2 + (m_{000}^{(21)})^2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(00)}
\end{aligned}
$$

Generating graph:

$V1$	1	$V1$	2
$V2$	$V2$	$V3$	$V4$
$V3$	$V4$	$V5$	$V5$



$$
\begin{aligned}
T_{21} \;=\;& (m_{000}^{(00)})^2 m_{000}^{(11)} m_{010}^{(21)} m_{001}^{(22)} - (m_{000}^{(00)})^2 m_{000}^{(11)} m_{010}^{(22)} m_{001}^{(21)} - (m_{000}^{(00)})^2 m_{000}^{(11)} m_{001}^{(11)} m_{001}^{(22)} \\
&+ (m_{000}^{(00)})^2 m_{000}^{(11)} (m_{001}^{(21)})^2 - 2(m_{000}^{(00)})^2 m_{000}^{(21)} m_{010}^{(11)} m_{001}^{(21)} \\
&+ 2(m_{000}^{(00)})^2 m_{000}^{(21)} m_{010}^{(22)} m_{001}^{(11)} - (m_{000}^{(00)})^2 m_{000}^{(22)} m_{010}^{(11)} m_{010}^{(22)} \\
&+ (m_{000}^{(00)})^2 m_{000}^{(22)} m_{010}^{(11)} m_{001}^{(21)} + (m_{000}^{(00)})^2 m_{000}^{(22)} (m_{010}^{(21)})^2 - (m_{000}^{(00)})^2 m_{000}^{(22)} m_{010}^{(21)} m_{001}^{(11)} \\
&- m_{000}^{(00)} (m_{000}^{(10)})^2 m_{010}^{(21)} m_{001}^{(22)} + m_{000}^{(00)} (m_{000}^{(10)})^2 m_{010}^{(22)} m_{001}^{(21)} \\
&+ m_{000}^{(00)} (m_{000}^{(10)})^2 m_{001}^{(11)} m_{001}^{(22)} - m_{000}^{(00)} (m_{000}^{(10)})^2 (m_{001}^{(21)})^2 - m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(21)} m_{001}^{(22)} \\
&+ m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(22)} m_{001}^{(21)} - m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(11)} m_{010}^{(20)} m_{001}^{(22)} \\
&+ m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(11)} m_{010}^{(22)} m_{001}^{(20)} + 2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(11)} m_{001}^{(10)} m_{001}^{(22)} \\
&- 2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(11)} m_{001}^{(20)} m_{001}^{(21)} + 2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(20)} m_{010}^{(21)} m_{001}^{(21)} \\
&- 2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(20)} m_{010}^{(22)} m_{001}^{(11)} + 2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(21)} m_{100}^{(21)} m_{001}^{(21)} \\
&- 2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(21)} m_{100}^{(22)} m_{001}^{(11)} + 2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(21)} m_{010}^{(20)} m_{001}^{(21)} \\
&+ 2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(21)} m_{010}^{(21)} m_{001}^{(20)} - 4m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(21)} m_{010}^{(22)} m_{001}^{(10)} \\
&+ m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{100}^{(11)} m_{010}^{(22)} - m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{100}^{(11)} m_{001}^{(21)} \\
&- 2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{100}^{(21)} m_{010}^{(21)} + m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{100}^{(21)} m_{001}^{(11)} \\
&+ m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{100}^{(22)} m_{010}^{(11)} + 2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{010}^{(10)} m_{010}^{(22)} \\
&- 2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{010}^{(10)} m_{001}^{(21)} - m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{010}^{(11)} m_{001}^{(20)} \\
&- 2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{010}^{(20)} m_{010}^{(21)} + m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{010}^{(20)} m_{001}^{(11)} \\
&+ 2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{010}^{(21)} m_{001}^{(10)} + m_{000}^{(00)} (m_{000}^{(11)})^2 m_{100}^{(20)} m_{001}^{(22)} \\
&- m_{000}^{(00)} (m_{000}^{(11)})^2 m_{100}^{(22)} m_{001}^{(20)} - m_{000}^{(00)} (m_{000}^{(11)})^2 m_{001}^{(00)} m_{001}^{(22)} + m_{000}^{(00)} (m_{000}^{(11)})^2 (m_{001}^{(20)})^2 \\
&+ m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(11)} m_{001}^{(22)} + m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(21)} m_{010}^{(22)} \\
&- 2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(21)} m_{001}^{(21)} - m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(22)} m_{010}^{(21)} \\
&+ m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(22)} m_{001}^{(11)} - m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{010}^{(10)} m_{001}^{(22)} \\
&+ 2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{010}^{(20)} m_{001}^{(21)} - 2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{010}^{(21)} m_{001}^{(20)} \\
&+ m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{010}^{(22)} m_{001}^{(10)} - 2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{001}^{(10)} m_{001}^{(21)} \\
&+ 2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{001}^{(11)} m_{001}^{(20)} - m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{100}^{(10)} m_{001}^{(22)} \\
&- m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{100}^{(20)} m_{010}^{(22)} - 2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{100}^{(20)} m_{001}^{(21)} \\
&+ 2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{100}^{(21)} m_{001}^{(20)} + m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{100}^{(22)} m_{010}^{(20)} \\
&+ m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{100}^{(22)} m_{001}^{(10)} + m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{010}^{(00)} m_{001}^{(22)}
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&-2m_{000}^{(00)}m_{000}^{(11)}m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(20)} + m_{000}^{(00)}m_{000}^{(11)}m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(00)}\\
&+2m_{000}^{(00)}m_{000}^{(11)}m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(21)} - 2m_{000}^{(00)}m_{000}^{(11)}m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}\\
&+m_{000}^{(00)}m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(22)} - 2m_{000}^{(00)}m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(22)}\\
&+m_{000}^{(00)}m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(20)} + m_{000}^{(00)}m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(11)}\\
&+2m_{000}^{(00)}m_{000}^{(11)}m_{000}^{(22)}(m_{100}^{(21)})^2 - 2m_{000}^{(00)}m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(20)}\\
&-2m_{000}^{(00)}m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(10)} + m_{000}^{(00)}m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)}\\
&-2m_{000}^{(00)}m_{000}^{(11)}m_{000}^{(22)}m_{000}^{(00)}m_{010}^{(22)} + m_{000}^{(00)}m_{000}^{(11)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)}\\
&+2m_{000}^{(00)}m_{000}^{(11)}m_{000}^{(22)}(m_{010}^{(20)})^2 - 2m_{000}^{(00)}m_{000}^{(11)}m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}\\
&+m_{000}^{(00)}m_{000}^{(11)}m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(00)} - 2m_{000}^{(00)}m_{000}^{(11)}m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(11)}\\
&+2m_{000}^{(00)}m_{000}^{(11)}m_{000}^{(22)}(m_{001}^{(10)})^2 + m_{000}^{(00)}(m_{000}^{(20)})^2m_{010}^{(11)}m_{010}^{(22)}\\
&-m_{000}^{(00)}(m_{000}^{(20)})^2m_{010}^{(11)}m_{001}^{(21)} - m_{000}^{(00)}(m_{000}^{(20)})^2(m_{010}^{(21)})^2 + m_{000}^{(00)}(m_{000}^{(20)})^2m_{010}^{(21)}m_{001}^{(11)}\\
&-2m_{000}^{(00)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(22)} + 2m_{000}^{(00)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(21)}\\
&+2m_{000}^{(00)}m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(21)} - 4m_{000}^{(00)}m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(11)}\\
&+2m_{000}^{(00)}m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(10)} + m_{000}^{(00)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(21)}\\
&-m_{000}^{(00)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)} - 2m_{000}^{(00)}m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(21)}\\
&+m_{000}^{(00)}m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(11)} + 2m_{000}^{(00)}m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(20)}\\
&-m_{000}^{(00)}m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)} + 2m_{000}^{(00)}(m_{000}^{(21)})^2m_{100}^{(10)}m_{001}^{(21)}\\
&+2m_{000}^{(00)}(m_{000}^{(21)})^2m_{100}^{(11)}m_{100}^{(22)} - 2m_{000}^{(00)}(m_{000}^{(21)})^2m_{100}^{(11)}m_{001}^{(20)}\\
&+2m_{000}^{(00)}(m_{000}^{(21)})^2m_{100}^{(20)}m_{010}^{(21)} - 2m_{000}^{(00)}(m_{000}^{(21)})^2(m_{100}^{(21)})^2\\
&-2m_{000}^{(00)}(m_{000}^{(21)})^2m_{100}^{(22)}m_{010}^{(10)} + m_{000}^{(00)}(m_{000}^{(21)})^2m_{010}^{(00)}m_{010}^{(22)}\\
&-3m_{000}^{(00)}(m_{000}^{(21)})^2m_{010}^{(00)}m_{001}^{(21)} + 2m_{000}^{(00)}(m_{000}^{(21)})^2m_{010}^{(10)}m_{001}^{(20)}\\
&-m_{000}^{(00)}(m_{000}^{(21)})^2(m_{010}^{(20)})^2 + 4m_{000}^{(00)}(m_{000}^{(21)})^2m_{010}^{(20)}m_{001}^{(10)}\\
&-3m_{000}^{(00)}(m_{000}^{(21)})^2m_{010}^{(21)}m_{001}^{(00)} + m_{000}^{(00)}(m_{000}^{(21)})^2m_{001}^{(00)}m_{001}^{(11)} - m_{000}^{(00)}(m_{000}^{(21)})^2(m_{001}^{(10)})^2\\
&-2m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)} - m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}\\
&+m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)} + m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(10)}\\
&-m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)} + 2m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}\\
&+2m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)} + m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(11)}\\
&-2m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)} - 2m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}\\
&+m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)} + m_{000}^{(00)}(m_{000}^{(22)})^2m_{100}^{(10)}m_{010}^{(11)}\\
&-m_{000}^{(00)}(m_{000}^{(22)})^2m_{100}^{(11)}m_{010}^{(10)} - m_{000}^{(00)}(m_{000}^{(22)})^2m_{010}^{(00)}m_{010}^{(11)} + m_{000}^{(00)}(m_{000}^{(22)})^2(m_{010}^{(10)})^2\\
&+(m_{000}^{(10)})^3m_{100}^{(21)}m_{001}^{(22)} - (m_{000}^{(10)})^3m_{100}^{(22)}m_{001}^{(21)} + (m_{000}^{(10)})^3m_{010}^{(20)}m_{001}^{(22)}\\
&-(m_{000}^{(10)})^3m_{010}^{(22)}m_{001}^{(20)} - 2(m_{000}^{(10)})^3m_{001}^{(10)}m_{001}^{(22)} + 2(m_{000}^{(10)})^3m_{001}^{(20)}m_{001}^{(21)}\\
&-(m_{000}^{(10)})^2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)} + (m_{000}^{(10)})^2m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(20)}\\
&+(m_{000}^{(10)})^2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(22)} - (m_{000}^{(10)})^2m_{000}^{(11)}(m_{001}^{(20)})^2 - (m_{000}^{(10)})^2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(22)}\\
&-(m_{000}^{(10)})^2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(22)} + (m_{000}^{(10)})^2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(21)}\\
&+(m_{000}^{(10)})^2m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(11)} + (m_{000}^{(10)})^2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(22)}\\
&-4(m_{000}^{(10)})^2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(21)} + 3(m_{000}^{(10)})^2m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(10)}\\
&+2(m_{000}^{(10)})^2m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(21)} - 2(m_{000}^{(10)})^2m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(20)}
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&+(m_{000}^{(10)})^2 m_{000}^{(21)} m_{100}^{(10)} m_{001}^{(22)} + (m_{000}^{(10)})^2 m_{000}^{(21)} m_{100}^{(20)} m_{010}^{(22)} \\
&-4(m_{000}^{(10)})^2 m_{000}^{(21)} m_{100}^{(21)} m_{001}^{(20)} - (m_{000}^{(10)})^2 m_{000}^{(21)} m_{100}^{(22)} m_{010}^{(20)} \\
&+3(m_{000}^{(10)})^2 m_{000}^{(21)} m_{100}^{(22)} m_{001}^{(10)} - (m_{000}^{(10)})^2 m_{000}^{(21)} m_{010}^{(00)} m_{001}^{(22)} \\
&+(m_{000}^{(10)})^2 m_{000}^{(21)} m_{010}^{(22)} m_{001}^{(00)} - 2(m_{000}^{(10)})^2 m_{000}^{(21)} m_{001}^{(00)} m_{001}^{(21)} \\
&+2(m_{000}^{(10)})^2 m_{000}^{(21)} m_{001}^{(10)} m_{001}^{(20)} - 3(m_{000}^{(10)})^2 m_{000}^{(22)} m_{100}^{(10)} m_{010}^{(22)} \\
&+2(m_{000}^{(10)})^2 m_{000}^{(22)} m_{100}^{(10)} m_{001}^{(21)} + (m_{000}^{(10)})^2 m_{000}^{(22)} m_{100}^{(11)} m_{100}^{(22)} \\
&+2(m_{000}^{(10)})^2 m_{000}^{(22)} m_{100}^{(20)} m_{010}^{(21)} - 2(m_{000}^{(10)})^2 m_{000}^{(22)} m_{100}^{(20)} m_{001}^{(11)} \\
&-(m_{000}^{(10)})^2 m_{000}^{(22)} (m_{100}^{(21)})^2 + 4(m_{000}^{(10)})^2 m_{000}^{(22)} m_{100}^{(21)} m_{010}^{(20)} \\
&-3(m_{000}^{(10)})^2 m_{000}^{(22)} m_{100}^{(22)} m_{010}^{(10)} + (m_{000}^{(10)})^2 m_{000}^{(22)} m_{010}^{(00)} m_{010}^{(22)} \\
&+2(m_{000}^{(10)})^2 m_{000}^{(22)} m_{010}^{(10)} m_{001}^{(20)} - (m_{000}^{(10)})^2 m_{000}^{(22)} (m_{010}^{(20)})^2 \\
&-2(m_{000}^{(10)})^2 m_{000}^{(22)} m_{010}^{(21)} m_{001}^{(00)} + 2(m_{000}^{(10)})^2 m_{000}^{(22)} m_{001}^{(00)} m_{001}^{(11)} \\
&-2(m_{000}^{(10)})^2 m_{000}^{(22)} (m_{001}^{(10)})^2 + 2m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(20)} m_{001}^{(21)} \\
&+2m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(21)} m_{001}^{(20)} - 4m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(22)} m_{001}^{(10)} \\
&+2m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(20)} m_{010}^{(20)} m_{001}^{(20)} - 2m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(20)} m_{010}^{(22)} m_{001}^{(00)} \\
&+2m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(21)} m_{100}^{(20)} m_{001}^{(20)} - 2m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(21)} m_{100}^{(22)} m_{001}^{(00)} \\
&+m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(00)} m_{010}^{(22)} - m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(00)} m_{001}^{(21)} \\
&+2m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(10)} m_{100}^{(22)} - 2m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(10)} m_{001}^{(20)} \\
&-2m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(20)} m_{100}^{(21)} - 2m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(20)} m_{010}^{(20)} \\
&+2m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(20)} m_{001}^{(10)} + m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(21)} m_{001}^{(00)} \\
&+m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(22)} m_{010}^{(00)} - m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(22)} m_{010}^{(00)} m_{001}^{(20)} \\
&+m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(22)} m_{010}^{(20)} m_{001}^{(00)} + m_{000}^{(10)} (m_{000}^{(20)})^2 m_{100}^{(11)} m_{010}^{(22)} \\
&+m_{000}^{(10)} (m_{000}^{(20)})^2 m_{100}^{(11)} m_{001}^{(21)} - m_{000}^{(10)} (m_{000}^{(20)})^2 m_{100}^{(21)} m_{001}^{(11)} \\
&-m_{000}^{(10)} (m_{000}^{(20)})^2 m_{100}^{(22)} m_{010}^{(11)} - 2m_{000}^{(10)} (m_{000}^{(20)})^2 m_{010}^{(10)} m_{010}^{(22)} \\
&+m_{000}^{(10)} (m_{000}^{(20)})^2 m_{010}^{(11)} m_{001}^{(20)} + 2m_{000}^{(10)} (m_{000}^{(20)})^2 m_{010}^{(20)} m_{010}^{(21)} \\
&+3m_{000}^{(10)} (m_{000}^{(20)})^2 m_{010}^{(20)} m_{001}^{(11)} - 4m_{000}^{(10)} (m_{000}^{(20)})^2 m_{010}^{(21)} m_{001}^{(10)} \\
&+4m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(10)} m_{010}^{(22)} - 6m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(10)} m_{001}^{(21)} \\
&-2m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(11)} m_{100}^{(22)} + 4m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(11)} m_{001}^{(20)} \\
&-6m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(20)} m_{010}^{(21)} + 4m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(20)} m_{001}^{(11)} \\
&+2m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(21)} (m_{100}^{(21)})^2 - 2m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(21)} m_{010}^{(20)} \\
&-2m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(21)} m_{001}^{(10)} + 4m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(22)} m_{010}^{(10)} \\
&-2m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(21)} m_{010}^{(00)} m_{010}^{(22)} + 4m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(21)} m_{010}^{(00)} m_{001}^{(21)} \\
&-6m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(21)} m_{010}^{(10)} m_{001}^{(20)} + 2m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(21)} (m_{010}^{(20)})^2 \\
&-2m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(21)} m_{010}^{(20)} m_{001}^{(10)} + 4m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(21)} m_{010}^{(21)} m_{001}^{(00)} \\
&-2m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(21)} m_{001}^{(00)} m_{001}^{(11)} + 2m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(21)} (m_{001}^{(10)})^2 \\
&+2m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(22)} m_{100}^{(10)} m_{010}^{(21)} - 4m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(22)} m_{100}^{(11)} m_{010}^{(20)} \\
&+2m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(22)} m_{100}^{(21)} m_{010}^{(10)} - 2m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(22)} m_{010}^{(00)} m_{001}^{(11)} \\
&+2m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(22)} m_{010}^{(10)} m_{001}^{(10)} - m_{000}^{(10)} (m_{000}^{(21)})^2 m_{100}^{(00)} m_{010}^{(22)} \\
&+m_{000}^{(10)} (m_{000}^{(21)})^2 m_{100}^{(00)} m_{001}^{(21)} - 2m_{000}^{(10)} (m_{000}^{(21)})^2 m_{100}^{(10)} m_{100}^{(22)}
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&+2m_{000}^{(10)}(m_{000}^{(21)})^2m_{100}^{(20)}m_{100}^{(21)} - 4m_{000}^{(10)}(m_{000}^{(21)})^2m_{100}^{(20)}m_{001}^{(10)}\\
&+3m_{000}^{(10)}(m_{000}^{(21)})^2m_{100}^{(21)}m_{001}^{(00)} + m_{000}^{(10)}(m_{000}^{(21)})^2m_{100}^{(22)}m_{010}^{(00)}\\
&+m_{000}^{(10)}(m_{000}^{(21)})^2m_{010}^{(00)}m_{001}^{(20)} - m_{000}^{(10)}(m_{000}^{(21)})^2m_{010}^{(20)}m_{001}^{(00)}\\
&+2m_{000}^{(10)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)} + 2m_{000}^{(10)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)}\\
&-2m_{000}^{(10)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(00)} + 2m_{000}^{(10)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}\\
&-4m_{000}^{(10)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)} - 2m_{000}^{(10)}(m_{000}^{(22)})^2m_{100}^{(10)}m_{010}^{(10)}\\
&+2m_{000}^{(10)}(m_{000}^{(22)})^2m_{100}^{(11)}m_{010}^{(00)} - 2(m_{000}^{(11)})^2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(20)}\\
&+2(m_{000}^{(11)})^2m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(00)} - (m_{000}^{(11)})^2m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(22)}\\
&+(m_{000}^{(11)})^2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(20)} + (m_{000}^{(11)})^2m_{000}^{(22)}(m_{100}^{(20)})^2 - (m_{000}^{(11)})^2m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(00)}\\
&-2m_{000}^{(11)}(m_{000}^{(20)})^2m_{100}^{(10)}m_{010}^{(22)} + 2m_{000}^{(11)}(m_{000}^{(20)})^2m_{100}^{(10)}m_{001}^{(21)}\\
&+m_{000}^{(11)}(m_{000}^{(20)})^2m_{100}^{(11)}m_{100}^{(22)} - 3m_{000}^{(11)}(m_{000}^{(20)})^2m_{100}^{(11)}m_{001}^{(20)}\\
&+2m_{000}^{(11)}(m_{000}^{(20)})^2m_{100}^{(20)}m_{010}^{(21)} - 3m_{000}^{(11)}(m_{000}^{(20)})^2m_{100}^{(20)}m_{001}^{(11)}\\
&-m_{000}^{(11)}(m_{000}^{(20)})^2(m_{100}^{(21)})^2 + 4m_{000}^{(11)}(m_{000}^{(20)})^2m_{100}^{(21)}m_{001}^{(10)}\\
&+2m_{000}^{(11)}(m_{000}^{(20)})^2m_{010}^{(00)}m_{010}^{(22)} - 2m_{000}^{(11)}(m_{000}^{(20)})^2m_{010}^{(00)}m_{001}^{(21)}\\
&+2m_{000}^{(11)}(m_{000}^{(20)})^2m_{010}^{(10)}m_{001}^{(20)} - 2m_{000}^{(11)}(m_{000}^{(20)})^2(m_{010}^{(20)})^2\\
&+m_{000}^{(11)}(m_{000}^{(20)})^2m_{001}^{(00)}m_{001}^{(11)} - m_{000}^{(11)}(m_{000}^{(20)})^2(m_{001}^{(10)})^2\\
&+2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)} + 2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}\\
&+2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)} - 4m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}\\
&-2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(00)} - m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}\\
&+m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(11)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}\\
&+2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)}\\
&+2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)} + m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(00)}\\
&-2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)} + m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}\\
&+m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)} - m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}\\
&+m_{000}^{(11)}(m_{000}^{(21)})^2m_{100}^{(00)}m_{100}^{(22)} - m_{000}^{(11)}(m_{000}^{(21)})^2m_{100}^{(00)}m_{001}^{(20)} - m_{000}^{(11)}(m_{000}^{(21)})^2(m_{100}^{(20)})^2\\
&+m_{000}^{(11)}(m_{000}^{(21)})^2m_{100}^{(20)}m_{001}^{(00)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)}\\
&-m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(20)} - m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(10)}\\
&-2m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(20)} + m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(00)}\\
&+m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(00)} - m_{000}^{(11)}(m_{000}^{(22)})^2m_{100}^{(00)}m_{100}^{(11)}\\
&+m_{000}^{(11)}(m_{000}^{(22)})^2m_{100}^{(00)}m_{010}^{(10)} + m_{000}^{(11)}(m_{000}^{(22)})^2(m_{100}^{(10)})^2 - m_{000}^{(11)}(m_{000}^{(22)})^2m_{100}^{(10)}m_{010}^{(00)}\\
&-(m_{000}^{(20)})^3m_{100}^{(11)}m_{010}^{(21)} + (m_{000}^{(20)})^3m_{100}^{(21)}m_{010}^{(11)} + 2(m_{000}^{(20)})^3m_{010}^{(10)}m_{010}^{(21)}\\
&-(m_{000}^{(20)})^3m_{010}^{(10)}m_{001}^{(11)} - 2(m_{000}^{(20)})^3m_{010}^{(11)}m_{010}^{(20)} + (m_{000}^{(20)})^3m_{010}^{(11)}m_{001}^{(10)}\\
&+(m_{000}^{(20)})^2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(11)} + 3(m_{000}^{(20)})^2m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(20)}\\
&-(m_{000}^{(20)})^2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(10)} + (m_{000}^{(20)})^2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(11)}\\
&-4(m_{000}^{(20)})^2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(10)} - 2(m_{000}^{(20)})^2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(21)}\\
&+(m_{000}^{(20)})^2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(11)} + 2(m_{000}^{(20)})^2m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(20)}\\
&-(m_{000}^{(20)})^2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(00)} - (m_{000}^{(20)})^2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}\\
&+(m_{000}^{(20)})^2m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(10)} + (m_{000}^{(20)})^2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(11)} - (m_{000}^{(20)})^2m_{000}^{(22)}(m_{010}^{(10)})^2
\end{aligned}
$$

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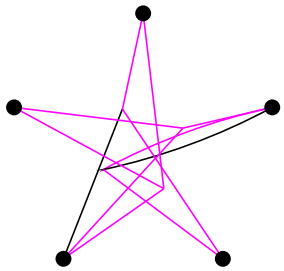
\begin{aligned}
&+m_{000}^{(20)}(m_{000}^{(21)})^2 m_{100}^{(00)} m_{010}^{(21)} - m_{000}^{(20)}(m_{000}^{(21)})^2 m_{100}^{(00)} m_{001}^{(11)} \\
&+2m_{000}^{(20)}(m_{000}^{(21)})^2 m_{100}^{(10)} m_{100}^{(21)} - 4m_{000}^{(20)}(m_{000}^{(21)})^2 m_{100}^{(10)} m_{010}^{(20)} \\
&-2m_{000}^{(20)}(m_{000}^{(21)})^2 m_{100}^{(11)} m_{100}^{(20)} + m_{000}^{(20)}(m_{000}^{(21)})^2 m_{100}^{(11)} m_{001}^{(00)} \\
&+3m_{000}^{(20)}(m_{000}^{(21)})^2 m_{100}^{(21)} m_{010}^{(00)} - m_{000}^{(20)}(m_{000}^{(21)})^2 m_{010}^{(00)} m_{001}^{(10)} \\
&+m_{000}^{(20)}(m_{000}^{(21)})^2 m_{010}^{(10)} m_{001}^{(00)} + 2m_{000}^{(20)} m_{000}^{(21)} m_{000}^{(22)} m_{100}^{(10)} m_{010}^{(10)} \\
&-2m_{000}^{(20)} m_{000}^{(21)} m_{000}^{(22)} m_{100}^{(11)} m_{010}^{(00)} - 2(m_{000}^{(21)})^3 m_{100}^{(00)} m_{100}^{(21)} + (m_{000}^{(21)})^3 m_{100}^{(00)} m_{010}^{(20)} \\
&+(m_{000}^{(21)})^3 m_{100}^{(00)} m_{001}^{(10)} + 2(m_{000}^{(21)})^3 m_{100}^{(10)} m_{100}^{(20)} - (m_{000}^{(21)})^3 m_{100}^{(10)} m_{001}^{(00)} \\
&-(m_{000}^{(21)})^3 m_{100}^{(20)} m_{010}^{(00)} + (m_{000}^{(21)})^2 m_{000}^{(22)} m_{100}^{(00)} m_{100}^{(11)} - (m_{000}^{(21)})^2 m_{000}^{(22)} m_{100}^{(00)} m_{010}^{(10)} \\
&-(m_{000}^{(21)})^2 m_{000}^{(22)} (m_{100}^{(10)})^2 + (m_{000}^{(21)})^2 m_{000}^{(22)} m_{100}^{(10)} m_{010}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & V1 & 1 & V4 \\
V2 & V2 & V3 & 4 \\
V3 & V4 & V5 & V5
\end{array}
$$



$$
\begin{aligned}
T_{22} \;=\;& (m_{000}^{(00)})^2 m_{000}^{(11)} m_{010}^{(21)} m_{001}^{(22)} - (m_{000}^{(00)})^2 m_{000}^{(11)} (m_{010}^{(22)})^2 + (m_{000}^{(00)})^2 m_{000}^{(11)} m_{010}^{(22)} m_{001}^{(21)} \\
&-(m_{000}^{(00)})^2 m_{000}^{(11)} m_{001}^{(11)} m_{001}^{(22)} + 2(m_{000}^{(00)})^2 m_{000}^{(21)} m_{010}^{(21)} m_{010}^{(22)} \\
&-4(m_{000}^{(00)})^2 m_{000}^{(21)} m_{010}^{(21)} m_{001}^{(21)} + 2(m_{000}^{(00)})^2 m_{000}^{(21)} m_{001}^{(11)} m_{001}^{(21)} \\
&-(m_{000}^{(00)})^2 m_{000}^{(22)} m_{010}^{(11)} m_{010}^{(22)} + (m_{000}^{(00)})^2 m_{000}^{(22)} m_{010}^{(11)} m_{001}^{(21)} \\
&+(m_{000}^{(00)})^2 m_{000}^{(22)} m_{010}^{(21)} m_{001}^{(11)} - (m_{000}^{(00)})^2 m_{000}^{(22)} (m_{001}^{(11)})^2 - m_{000}^{(00)} (m_{000}^{(10)})^2 m_{010}^{(21)} m_{001}^{(22)} \\
&+m_{000}^{(00)} (m_{000}^{(10)})^2 (m_{010}^{(22)})^2 - m_{000}^{(00)} (m_{000}^{(10)})^2 m_{010}^{(22)} m_{001}^{(21)} + m_{000}^{(00)} (m_{000}^{(10)})^2 m_{001}^{(11)} m_{001}^{(22)} \\
&-m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(21)} m_{001}^{(22)} + 2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(22)} m_{010}^{(22)} \\
&-m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(22)} m_{001}^{(21)} - m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(11)} m_{010}^{(20)} m_{001}^{(22)} \\
&-m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(11)} m_{010}^{(22)} m_{001}^{(20)} + 2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(11)} m_{001}^{(10)} m_{001}^{(22)} \\
&-2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(20)} m_{010}^{(21)} m_{010}^{(22)} + 4m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(20)} m_{010}^{(21)} m_{001}^{(21)} \\
&-2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(20)} m_{001}^{(11)} m_{001}^{(21)} - 2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(21)} m_{100}^{(21)} m_{010}^{(22)} \\
&+4m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(21)} m_{100}^{(21)} m_{001}^{(21)} - 2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(21)} m_{100}^{(22)} m_{010}^{(21)} \\
&-2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(21)} m_{010}^{(20)} m_{010}^{(22)} + 4m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(21)} m_{010}^{(20)} m_{001}^{(21)} \\
&+4m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(21)} m_{010}^{(21)} m_{001}^{(20)} - 4m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(21)} m_{001}^{(10)} m_{001}^{(21)}
\end{aligned}
$$

$$
\begin{aligned}
&-2m_{000}^{(00)}m_{000}^{(10)}m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(20)} + m_{000}^{(00)}m_{000}^{(10)}m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(22)}\\
&-m_{000}^{(00)}m_{000}^{(10)}m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(21)} - m_{000}^{(00)}m_{000}^{(10)}m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(11)}\\
&+m_{000}^{(00)}m_{000}^{(10)}m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(11)} + 2m_{000}^{(00)}m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(22)}\\
&-2m_{000}^{(00)}m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)} - m_{000}^{(00)}m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(20)}\\
&-m_{000}^{(00)}m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(11)} - 2m_{000}^{(00)}m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(10)}\\
&+4m_{000}^{(00)}m_{000}^{(10)}m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(11)} + m_{000}^{(00)}(m_{000}^{(11)})^2m_{100}^{(20)}m_{001}^{(22)}\\
&-m_{000}^{(00)}(m_{000}^{(11)})^2(m_{100}^{(22)})^2 + m_{000}^{(00)}(m_{000}^{(11)})^2m_{100}^{(22)}m_{001}^{(20)} - m_{000}^{(00)}(m_{000}^{(11)})^2m_{001}^{(00)}m_{001}^{(22)}\\
&+m_{000}^{(00)}m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(22)} - m_{000}^{(00)}m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(22)}\\
&-m_{000}^{(00)}m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(21)} + m_{000}^{(00)}m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(11)}\\
&-m_{000}^{(00)}m_{000}^{(11)}m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(22)} + 4m_{000}^{(00)}m_{000}^{(11)}m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(22)}\\
&-2m_{000}^{(00)}m_{000}^{(11)}m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(21)} - 2m_{000}^{(00)}m_{000}^{(11)}m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(20)}\\
&-m_{000}^{(00)}m_{000}^{(11)}m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(10)} + 2m_{000}^{(00)}m_{000}^{(11)}m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(20)}\\
&-m_{000}^{(00)}m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(22)} - m_{000}^{(00)}m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}\\
&-2m_{000}^{(00)}m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(21)} + 4m_{000}^{(00)}m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(21)}m_{100}^{(22)}\\
&-2m_{000}^{(00)}m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(20)} - m_{000}^{(00)}m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)}\\
&-m_{000}^{(00)}m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(10)} + m_{000}^{(00)}m_{000}^{(11)}m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(22)}\\
&+m_{000}^{(00)}m_{000}^{(11)}m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(00)} + 2m_{000}^{(00)}m_{000}^{(11)}m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(21)}\\
&+m_{000}^{(00)}m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(22)} - 2m_{000}^{(00)}m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(22)}\\
&+m_{000}^{(00)}m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(20)} + m_{000}^{(00)}m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(11)}\\
&+m_{000}^{(00)}m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)} - 2m_{000}^{(00)}m_{000}^{(11)}m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(22)}\\
&+m_{000}^{(00)}m_{000}^{(11)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)} + m_{000}^{(00)}m_{000}^{(11)}m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(00)}\\
&-2m_{000}^{(00)}m_{000}^{(11)}m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(11)} + m_{000}^{(00)}(m_{000}^{(20)})^2m_{010}^{(11)}m_{010}^{(22)}\\
&-m_{000}^{(00)}(m_{000}^{(20)})^2m_{010}^{(11)}m_{001}^{(21)} - m_{000}^{(00)}(m_{000}^{(20)})^2m_{010}^{(21)}m_{001}^{(11)} + m_{000}^{(00)}(m_{000}^{(20)})^2(m_{001}^{(11)})^2\\
&-2m_{000}^{(00)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(21)} + 4m_{000}^{(00)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(21)}\\
&-2m_{000}^{(00)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(11)} - 2m_{000}^{(00)}m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(22)}\\
&+4m_{000}^{(00)}m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(21)} - 4m_{000}^{(00)}m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(21)}\\
&+4m_{000}^{(00)}m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(10)} - 2m_{000}^{(00)}m_{000}^{(20)}m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(11)}\\
&-m_{000}^{(00)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(21)} + 2m_{000}^{(00)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(11)}\\
&-m_{000}^{(00)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)} - m_{000}^{(00)}m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(11)}\\
&+2m_{000}^{(00)}m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(20)} - m_{000}^{(00)}m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)}\\
&+2m_{000}^{(00)}(m_{000}^{(21)})^2m_{100}^{(10)}m_{001}^{(21)} + 2m_{000}^{(00)}(m_{000}^{(21)})^2m_{100}^{(20)}m_{010}^{(21)}\\
&-4m_{000}^{(00)}(m_{000}^{(21)})^2(m_{100}^{(21)})^2 + 2m_{000}^{(00)}(m_{000}^{(21)})^2m_{100}^{(21)}m_{010}^{(20)}\\
&+2m_{000}^{(00)}(m_{000}^{(21)})^2m_{100}^{(21)}m_{001}^{(10)} + m_{000}^{(00)}(m_{000}^{(21)})^2m_{010}^{(00)}m_{010}^{(22)}\\
&-3m_{000}^{(00)}(m_{000}^{(21)})^2m_{010}^{(00)}m_{001}^{(21)} - 3m_{000}^{(00)}(m_{000}^{(21)})^2m_{010}^{(21)}m_{001}^{(00)}\\
&+m_{000}^{(00)}(m_{000}^{(21)})^2m_{001}^{(00)}m_{001}^{(11)} - 2m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}\\
&-m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)} + 4m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(21)}\\
&-m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)} - m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(10)}\\
&-m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)} - 2m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}
\end{aligned}
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\begin{aligned}
&+2m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)} + m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(11)}\\
&+m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)} + m_{000}^{(00)}(m_{000}^{(22)})^2m_{100}^{(10)}m_{010}^{(11)} - m_{000}^{(00)}(m_{000}^{(22)})^2(m_{100}^{(11)})^2\\
&+m_{000}^{(00)}(m_{000}^{(22)})^2m_{100}^{(11)}m_{010}^{(10)} - m_{000}^{(00)}(m_{000}^{(22)})^2m_{010}^{(00)}m_{010}^{(11)} + (m_{000}^{(10)})^3m_{100}^{(21)}m_{001}^{(22)}\\
&-2(m_{000}^{(10)})^3m_{100}^{(22)}m_{010}^{(22)} + (m_{000}^{(10)})^3m_{100}^{(22)}m_{001}^{(21)} + (m_{000}^{(10)})^3m_{010}^{(20)}m_{001}^{(22)}\\
&+(m_{000}^{(10)})^3m_{010}^{(22)}m_{001}^{(20)} - 2(m_{000}^{(10)})^3m_{001}^{(10)}m_{001}^{(22)} - (m_{000}^{(10)})^2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)}\\
&+(m_{000}^{(10)})^2m_{000}^{(11)}(m_{100}^{(22)})^2 - (m_{000}^{(10)})^2m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(20)} + (m_{000}^{(10)})^2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(22)}\\
&-(m_{000}^{(10)})^2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(22)} + 3(m_{000}^{(10)})^2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(22)}\\
&-4(m_{000}^{(10)})^2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(21)} + 3(m_{000}^{(10)})^2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(21)}\\
&-(m_{000}^{(10)})^2m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(11)} + (m_{000}^{(10)})^2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(22)}\\
&-2(m_{000}^{(10)})^2m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(22)} - 2(m_{000}^{(10)})^2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(21)}\\
&-2(m_{000}^{(10)})^2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(20)} + (m_{000}^{(10)})^2m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(10)}\\
&+4(m_{000}^{(10)})^2m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(21)} + (m_{000}^{(10)})^2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(22)}\\
&+3(m_{000}^{(10)})^2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)} - 2(m_{000}^{(10)})^2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(21)}\\
&-2(m_{000}^{(10)})^2m_{000}^{(21)}m_{100}^{(21)}m_{100}^{(22)} - 2(m_{000}^{(10)})^2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(20)}\\
&+3(m_{000}^{(10)})^2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)} + (m_{000}^{(10)})^2m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(10)}\\
&-(m_{000}^{(10)})^2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(22)} - 4(m_{000}^{(10)})^2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(20)}\\
&-(m_{000}^{(10)})^2m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(00)} + 4(m_{000}^{(10)})^2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}\\
&-3(m_{000}^{(10)})^2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(22)} + 2(m_{000}^{(10)})^2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(21)}\\
&+(m_{000}^{(10)})^2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(22)} + 2(m_{000}^{(10)})^2m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(10)}\\
&-3(m_{000}^{(10)})^2m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)} + (m_{000}^{(10)})^2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(22)}\\
&+2(m_{000}^{(10)})^2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)} + 2(m_{000}^{(10)})^2m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}\\
&-4(m_{000}^{(10)})^2m_{000}^{(22)}(m_{001}^{(10)})^2 - 2m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(22)}\\
&+4m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(21)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(21)}m_{100}^{(22)}\\
&+4m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(20)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(20)}\\
&+4m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(20)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(21)}\\
&-4m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(20)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(22)}\\
&+4m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(20)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(20)}\\
&+m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(22)} - m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(21)}\\
&+2m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(22)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(20)}\\
&-2m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(10)} - m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(00)}\\
&+m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(00)} - m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(20)}\\
&-m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(00)} + 4m_{000}^{(10)}m_{000}^{(11)}m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(10)}\\
&-m_{000}^{(10)}(m_{000}^{(20)})^2m_{100}^{(11)}m_{010}^{(22)} + 3m_{000}^{(10)}(m_{000}^{(20)})^2m_{100}^{(11)}m_{001}^{(21)}\\
&-4m_{000}^{(10)}(m_{000}^{(20)})^2m_{100}^{(21)}m_{010}^{(21)} + 3m_{000}^{(10)}(m_{000}^{(20)})^2m_{100}^{(21)}m_{001}^{(11)}\\
&-m_{000}^{(10)}(m_{000}^{(20)})^2m_{100}^{(22)}m_{010}^{(11)} - 2m_{000}^{(10)}(m_{000}^{(20)})^2m_{010}^{(10)}m_{001}^{(21)}\\
&+m_{000}^{(10)}(m_{000}^{(20)})^2m_{010}^{(11)}m_{001}^{(20)} + 4m_{000}^{(10)}(m_{000}^{(20)})^2m_{010}^{(20)}m_{010}^{(21)}\\
&+m_{000}^{(10)}(m_{000}^{(20)})^2m_{010}^{(20)}m_{001}^{(11)} - 2m_{000}^{(10)}(m_{000}^{(20)})^2m_{010}^{(21)}m_{001}^{(10)}\\
&-2m_{000}^{(10)}(m_{000}^{(20)})^2m_{001}^{(10)}m_{001}^{(11)} + 2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(22)}
\end{aligned}
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\begin{aligned}
&-4m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)} + 2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}\\
&-4m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)} + 2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}\\
&+4m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(21)}(m_{100}^{(21)})^2 - 4m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}\\
&-4m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)} + 2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}\\
&+2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)} - 4m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}\\
&+4m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(21)}(m_{010}^{(20)})^2 - 4m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(10)}\\
&+2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)} + 4m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(21)}(m_{001}^{(10)})^2\\
&+4m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)} - 2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}\\
&-2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(21)} - 2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(10)}\\
&+4m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)} - 2m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}\\
&-4m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)} + 4m_{000}^{(10)}m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}\\
&-m_{000}^{(10)}(m_{000}^{(21)})^2m_{100}^{(00)}m_{010}^{(22)} + m_{000}^{(10)}(m_{000}^{(21)})^2m_{100}^{(00)}m_{001}^{(21)}\\
&-2m_{000}^{(10)}(m_{000}^{(21)})^2m_{100}^{(10)}m_{001}^{(20)} + 4m_{000}^{(10)}(m_{000}^{(21)})^2m_{100}^{(20)}m_{100}^{(21)}\\
&-4m_{000}^{(10)}(m_{000}^{(21)})^2m_{100}^{(20)}m_{010}^{(20)} - 2m_{000}^{(10)}(m_{000}^{(21)})^2m_{100}^{(20)}m_{001}^{(10)}\\
&+m_{000}^{(10)}(m_{000}^{(21)})^2m_{100}^{(21)}m_{001}^{(00)} - m_{000}^{(10)}(m_{000}^{(21)})^2m_{100}^{(22)}m_{010}^{(00)}\\
&+3m_{000}^{(10)}(m_{000}^{(21)})^2m_{010}^{(00)}m_{001}^{(20)} + 3m_{000}^{(10)}(m_{000}^{(21)})^2m_{010}^{(20)}m_{001}^{(00)}\\
&-2m_{000}^{(10)}(m_{000}^{(21)})^2m_{001}^{(00)}m_{001}^{(10)} - 4m_{000}^{(10)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}\\
&+4m_{000}^{(10)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)} + 4m_{000}^{(10)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)}\\
&-2m_{000}^{(10)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)} + 4m_{000}^{(10)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}\\
&-2m_{000}^{(10)}m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(20)} - 2m_{000}^{(10)}m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}\\
&-2m_{000}^{(10)}m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)} + 2m_{000}^{(10)}(m_{000}^{(22)})^2m_{100}^{(10)}m_{100}^{(11)}\\
&-4m_{000}^{(10)}(m_{000}^{(22)})^2m_{100}^{(10)}m_{010}^{(10)} + 2m_{000}^{(10)}(m_{000}^{(22)})^2m_{010}^{(00)}m_{010}^{(10)}\\
&+2(m_{000}^{(11)})^2m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(22)} - 4(m_{000}^{(11)})^2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(20)}\\
&+2(m_{000}^{(11)})^2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(20)} - (m_{000}^{(11)})^2m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(22)}\\
&+(m_{000}^{(11)})^2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(20)} + (m_{000}^{(11)})^2m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(00)} - (m_{000}^{(11)})^2m_{000}^{(22)}(m_{001}^{(00)})^2\\
&+m_{000}^{(11)}(m_{000}^{(20)})^2m_{100}^{(11)}m_{100}^{(22)} - 3m_{000}^{(11)}(m_{000}^{(20)})^2m_{100}^{(11)}m_{001}^{(20)}\\
&+2m_{000}^{(11)}(m_{000}^{(20)})^2m_{100}^{(20)}m_{010}^{(21)} - 3m_{000}^{(11)}(m_{000}^{(20)})^2m_{100}^{(20)}m_{001}^{(11)}\\
&+2m_{000}^{(11)}(m_{000}^{(20)})^2m_{100}^{(21)}m_{010}^{(20)} + 2m_{000}^{(11)}(m_{000}^{(20)})^2m_{010}^{(10)}m_{001}^{(20)}\\
&-4m_{000}^{(11)}(m_{000}^{(20)})^2(m_{010}^{(20)})^2 + 2m_{000}^{(11)}(m_{000}^{(20)})^2m_{010}^{(20)}m_{001}^{(10)}\\
&+m_{000}^{(11)}(m_{000}^{(20)})^2m_{001}^{(00)}m_{001}^{(11)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}\\
&+4m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)} - 4m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}\\
&+4m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)} + 4m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}\\
&-2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}\\
&-2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(10)} - m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}\\
&+m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(11)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}\\
&+2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)} + m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(00)}\\
&-2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)} - m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}\\
&+4m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(20)} - m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}
\end{aligned}
$$

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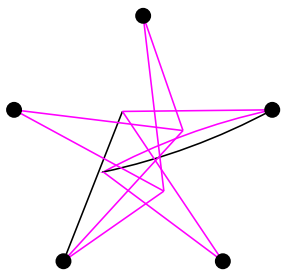
\begin{aligned}
&-m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)} + m_{000}^{(11)}(m_{000}^{(21)})^2m_{100}^{(00)}m_{100}^{(22)}\\
&-m_{000}^{(11)}(m_{000}^{(21)})^2m_{100}^{(00)}m_{001}^{(20)} - m_{000}^{(11)}(m_{000}^{(21)})^2m_{100}^{(20)}m_{001}^{(00)} + m_{000}^{(11)}(m_{000}^{(21)})^2(m_{001}^{(00)})^2\\
&+2m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)} - m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(20)}\\
&-m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(10)} - m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(00)}\\
&-m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(00)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(00)}\\
&-m_{000}^{(11)}(m_{000}^{(22)})^2m_{100}^{(00)}m_{100}^{(11)} + m_{000}^{(11)}(m_{000}^{(22)})^2m_{100}^{(00)}m_{010}^{(10)}\\
&+m_{000}^{(11)}(m_{000}^{(22)})^2m_{100}^{(10)}m_{010}^{(00)} - m_{000}^{(11)}(m_{000}^{(22)})^2(m_{010}^{(00)})^2 + (m_{000}^{(20)})^3m_{100}^{(11)}m_{010}^{(21)}\\
&-2(m_{000}^{(20)})^3m_{100}^{(11)}m_{001}^{(11)} + (m_{000}^{(20)})^3m_{100}^{(21)}m_{010}^{(11)} + (m_{000}^{(20)})^3m_{010}^{(10)}m_{001}^{(11)}\\
&-2(m_{000}^{(20)})^3m_{010}^{(11)}m_{010}^{(20)} + (m_{000}^{(20)})^3m_{010}^{(11)}m_{001}^{(10)} - 2(m_{000}^{(20)})^2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(21)}\\
&+3(m_{000}^{(20)})^2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(11)} - 2(m_{000}^{(20)})^2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(21)}\\
&+(m_{000}^{(20)})^2m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(20)} + 3(m_{000}^{(20)})^2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(10)}\\
&+(m_{000}^{(20)})^2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(11)} - 2(m_{000}^{(20)})^2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(10)}\\
&-(m_{000}^{(20)})^2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(11)} + 4(m_{000}^{(20)})^2m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(20)}\\
&-4(m_{000}^{(20)})^2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(10)} - (m_{000}^{(20)})^2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(00)}\\
&-(m_{000}^{(20)})^2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)} + (m_{000}^{(20)})^2m_{000}^{(22)}(m_{100}^{(11)})^2 - (m_{000}^{(20)})^2m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(10)}\\
&+(m_{000}^{(20)})^2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(11)} + m_{000}^{(20)}(m_{000}^{(21)})^2m_{100}^{(00)}m_{010}^{(21)}\\
&-m_{000}^{(20)}(m_{000}^{(21)})^2m_{100}^{(00)}m_{001}^{(11)} + 4m_{000}^{(20)}(m_{000}^{(21)})^2m_{100}^{(10)}m_{100}^{(21)}\\
&-2m_{000}^{(20)}(m_{000}^{(21)})^2m_{100}^{(10)}m_{010}^{(20)} - 4m_{000}^{(20)}(m_{000}^{(21)})^2m_{100}^{(10)}m_{001}^{(10)}\\
&-m_{000}^{(20)}(m_{000}^{(21)})^2m_{100}^{(11)}m_{001}^{(00)} - 2m_{000}^{(20)}(m_{000}^{(21)})^2m_{100}^{(20)}m_{010}^{(10)}\\
&+m_{000}^{(20)}(m_{000}^{(21)})^2m_{100}^{(21)}m_{010}^{(00)} - 2m_{000}^{(20)}(m_{000}^{(21)})^2m_{010}^{(00)}m_{010}^{(20)}\\
&+3m_{000}^{(20)}(m_{000}^{(21)})^2m_{010}^{(00)}m_{001}^{(10)} + 3m_{000}^{(20)}(m_{000}^{(21)})^2m_{010}^{(10)}m_{001}^{(00)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)} + 4m_{000}^{(20)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(10)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(10)} - 2(m_{000}^{(21)})^3m_{100}^{(00)}m_{100}^{(21)} + (m_{000}^{(21)})^3m_{100}^{(00)}m_{010}^{(20)}\\
&+(m_{000}^{(21)})^3m_{100}^{(00)}m_{001}^{(10)} + (m_{000}^{(21)})^3m_{100}^{(10)}m_{001}^{(00)} + (m_{000}^{(21)})^3m_{100}^{(20)}m_{010}^{(00)}\\
&-2(m_{000}^{(21)})^3m_{010}^{(00)}m_{001}^{(00)} + (m_{000}^{(21)})^2m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(11)} - (m_{000}^{(21)})^2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(10)}\\
&-(m_{000}^{(21)})^2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(00)} + (m_{000}^{(21)})^2m_{000}^{(22)}(m_{010}^{(00)})^2
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & V1 & 1 & V4\\
V2 & V2 & V4 & 4\\
V3 & V3 & V5 & V5
\end{array}
$$



$$
\begin{aligned}
T_{23} \;=\;& (m_{000}^{(00)})^2 m_{000}^{(11)} m_{010}^{(21)} m_{001}^{(22)} - (m_{000}^{(00)})^2 m_{000}^{(11)} (m_{010}^{(22)})^2 + (m_{000}^{(00)})^2 m_{000}^{(11)} m_{010}^{(22)} m_{001}^{(21)} \\
& -(m_{000}^{(00)})^2 m_{000}^{(11)} m_{001}^{(11)} m_{001}^{(22)} + 2(m_{000}^{(00)})^2 m_{000}^{(21)} m_{010}^{(21)} m_{010}^{(22)} \\
& -4(m_{000}^{(00)})^2 m_{000}^{(21)} m_{010}^{(21)} m_{001}^{(21)} + 2(m_{000}^{(00)})^2 m_{000}^{(21)} m_{001}^{(11)} m_{001}^{(21)} \\
& -(m_{000}^{(00)})^2 m_{000}^{(22)} m_{010}^{(11)} m_{010}^{(22)} + (m_{000}^{(00)})^2 m_{000}^{(22)} m_{010}^{(11)} m_{001}^{(21)} \\
& +(m_{000}^{(00)})^2 m_{000}^{(22)} m_{010}^{(21)} m_{001}^{(11)} - (m_{000}^{(00)})^2 m_{000}^{(22)} (m_{001}^{(11)})^2 - m_{000}^{(00)} (m_{000}^{(10)})^2 m_{010}^{(21)} m_{001}^{(22)} \\
& +m_{000}^{(00)} (m_{000}^{(10)})^2 (m_{010}^{(22)})^2 - m_{000}^{(00)} (m_{000}^{(10)})^2 m_{010}^{(22)} m_{001}^{(21)} + m_{000}^{(00)} (m_{000}^{(10)})^2 m_{001}^{(11)} m_{001}^{(22)} \\
& -m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(21)} m_{001}^{(22)} + 2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(22)} m_{010}^{(22)} \\
& -m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(22)} m_{001}^{(21)} - m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(11)} m_{010}^{(20)} m_{001}^{(22)} \\
& -m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(11)} m_{010}^{(22)} m_{001}^{(20)} + 2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(11)} m_{001}^{(10)} m_{001}^{(22)} \\
& -2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(20)} m_{010}^{(21)} m_{010}^{(22)} + 4m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(20)} m_{010}^{(21)} m_{001}^{(21)} \\
& -2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(20)} m_{001}^{(11)} m_{001}^{(21)} - 2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(21)} m_{100}^{(21)} m_{010}^{(22)} \\
& +4m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(21)} m_{100}^{(21)} m_{001}^{(21)} - 2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(21)} m_{100}^{(22)} m_{010}^{(21)} \\
& -2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(21)} m_{010}^{(20)} m_{010}^{(22)} + 4m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(21)} m_{010}^{(20)} m_{001}^{(21)} \\
& +4m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(21)} m_{010}^{(21)} m_{001}^{(20)} - 4m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(21)} m_{001}^{(10)} m_{001}^{(21)} \\
& -2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(21)} m_{001}^{(11)} m_{001}^{(20)} + m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{100}^{(11)} m_{010}^{(22)} \\
& -m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{100}^{(11)} m_{001}^{(21)} - m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{100}^{(21)} m_{001}^{(11)} \\
& +m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{100}^{(22)} m_{010}^{(11)} + 2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{010}^{(10)} m_{010}^{(22)} \\
& -2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{010}^{(10)} m_{001}^{(21)} - m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{010}^{(11)} m_{001}^{(20)} \\
& -m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{010}^{(20)} m_{001}^{(11)} - 2m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{010}^{(21)} m_{001}^{(10)} \\
& +4m_{000}^{(00)} m_{000}^{(10)} m_{000}^{(22)} m_{001}^{(10)} m_{001}^{(11)} + m_{000}^{(00)} (m_{000}^{(11)})^2 m_{100}^{(20)} m_{001}^{(22)} \\
& -m_{000}^{(00)} (m_{000}^{(11)})^2 (m_{100}^{(22)})^2 + m_{000}^{(00)} (m_{000}^{(11)})^2 m_{100}^{(22)} m_{001}^{(20)} - m_{000}^{(00)} (m_{000}^{(11)})^2 m_{001}^{(00)} m_{001}^{(22)} \\
& +m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(11)} m_{001}^{(22)} - m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(21)} m_{010}^{(22)} \\
& -m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(22)} m_{010}^{(21)} + m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(22)} m_{001}^{(11)} \\
& -m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{010}^{(10)} m_{001}^{(22)} + 4m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{010}^{(20)} m_{010}^{(22)} \\
& -2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{010}^{(20)} m_{001}^{(21)} - 2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{010}^{(21)} m_{001}^{(20)} \\
& -m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{010}^{(22)} m_{001}^{(10)} + 2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(20)} m_{001}^{(11)} m_{001}^{(20)} \\
& -m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{100}^{(10)} m_{001}^{(22)} - m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{100}^{(20)} m_{010}^{(22)} \\
& -2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{100}^{(20)} m_{001}^{(21)} + 4m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{100}^{(21)} m_{100}^{(22)} \\
& -2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{100}^{(21)} m_{001}^{(20)} - m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{100}^{(22)} m_{010}^{(20)} \\
& -m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{100}^{(22)} m_{001}^{(10)} + m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{010}^{(00)} m_{001}^{(22)} \\
& +m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{010}^{(22)} m_{001}^{(00)} + 2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(21)} m_{001}^{(00)} m_{001}^{(21)} \\
& -m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(10)} m_{010}^{(22)} + 2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(10)} m_{001}^{(21)} \\
& -m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(11)} m_{001}^{(20)} + 2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(20)} m_{010}^{(21)} \\
& -m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(20)} m_{001}^{(11)} - 2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} (m_{100}^{(21)})^2 \\
& +2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(21)} m_{010}^{(20)} + 2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(21)} m_{001}^{(10)} \\
& -m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(22)} m_{010}^{(10)} - m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} m_{010}^{(00)} m_{001}^{(21)} \\
& +2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} m_{010}^{(10)} m_{001}^{(20)} - 2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} (m_{010}^{(20)})^2 \\
& +2m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} m_{010}^{(20)} m_{001}^{(10)} - m_{000}^{(00)} m_{000}^{(11)} m_{000}^{(22)} m_{010}^{(21)} m_{001}^{(00)}
\end{aligned}
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\begin{aligned}
&-2m_{000}^{(00)}m_{000}^{(11)}m_{000}^{(22)}(m_{001}^{(10)})^2 + m_{000}^{(00)}(m_{000}^{(20)})^2m_{010}^{(11)}m_{010}^{(22)}\\
&-m_{000}^{(00)}(m_{000}^{(20)})^2m_{010}^{(11)}m_{001}^{(21)} - m_{000}^{(00)}(m_{000}^{(20)})^2m_{010}^{(21)}m_{001}^{(11)} + m_{000}^{(00)}(m_{000}^{(20)})^2(m_{001}^{(11)})^2\\
&-2m_{000}^{(00)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(21)} + 4m_{000}^{(00)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(21)}\\
&-2m_{000}^{(00)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(11)} - 2m_{000}^{(00)}m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(22)}\\
&+4m_{000}^{(00)}m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(21)} - 4m_{000}^{(00)}m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(21)}\\
&+4m_{000}^{(00)}m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(10)} - 2m_{000}^{(00)}m_{000}^{(20)}m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(11)}\\
&-m_{000}^{(00)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(21)} + 2m_{000}^{(00)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(11)}\\
&-m_{000}^{(00)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)} - m_{000}^{(00)}m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(11)}\\
&+2m_{000}^{(00)}m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(20)} - m_{000}^{(00)}m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)}\\
&+2m_{000}^{(00)}(m_{000}^{(21)})^2m_{100}^{(10)}m_{010}^{(22)} - 2m_{000}^{(00)}(m_{000}^{(21)})^2m_{100}^{(11)}m_{100}^{(22)}\\
&+2m_{000}^{(00)}(m_{000}^{(21)})^2m_{100}^{(11)}m_{001}^{(20)} + 2m_{000}^{(00)}(m_{000}^{(21)})^2m_{100}^{(20)}m_{001}^{(11)}\\
&-2m_{000}^{(00)}(m_{000}^{(21)})^2(m_{100}^{(21)})^2 + 2m_{000}^{(00)}(m_{000}^{(21)})^2m_{100}^{(22)}m_{010}^{(10)}\\
&-m_{000}^{(00)}(m_{000}^{(21)})^2m_{010}^{(00)}m_{010}^{(22)} - m_{000}^{(00)}(m_{000}^{(21)})^2m_{010}^{(00)}m_{001}^{(21)}\\
&-2m_{000}^{(00)}(m_{000}^{(21)})^2m_{010}^{(10)}m_{001}^{(20)} + 2m_{000}^{(00)}(m_{000}^{(21)})^2(m_{010}^{(20)})^2\\
&-2m_{000}^{(00)}(m_{000}^{(21)})^2m_{010}^{(20)}m_{001}^{(10)} - m_{000}^{(00)}(m_{000}^{(21)})^2m_{010}^{(21)}m_{001}^{(00)}\\
&-m_{000}^{(00)}(m_{000}^{(21)})^2m_{001}^{(00)}m_{001}^{(11)} + 2m_{000}^{(00)}(m_{000}^{(21)})^2(m_{001}^{(10)})^2\\
&-2m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)} - m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}\\
&+4m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(21)} - m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)}\\
&-m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(10)} - m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}\\
&-2m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)} + 2m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}\\
&+m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(11)} + m_{000}^{(00)}m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}\\
&+m_{000}^{(00)}(m_{000}^{(22)})^2m_{100}^{(10)}m_{010}^{(11)} - m_{000}^{(00)}(m_{000}^{(22)})^2(m_{100}^{(11)})^2 + m_{000}^{(00)}(m_{000}^{(22)})^2m_{100}^{(11)}m_{010}^{(10)}\\
&-m_{000}^{(00)}(m_{000}^{(22)})^2m_{010}^{(00)}m_{010}^{(11)} + (m_{000}^{(10)})^3m_{100}^{(21)}m_{001}^{(22)} - 2(m_{000}^{(10)})^3m_{100}^{(22)}m_{010}^{(22)}\\
&+(m_{000}^{(10)})^3m_{100}^{(22)}m_{001}^{(21)} + (m_{000}^{(10)})^3m_{010}^{(20)}m_{001}^{(22)} + (m_{000}^{(10)})^3m_{010}^{(22)}m_{001}^{(20)}\\
&-2(m_{000}^{(10)})^3m_{001}^{(10)}m_{001}^{(22)} - (m_{000}^{(10)})^2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)} + (m_{000}^{(10)})^2m_{000}^{(11)}(m_{100}^{(22)})^2\\
&-(m_{000}^{(10)})^2m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(20)} + (m_{000}^{(10)})^2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(22)}\\
&-(m_{000}^{(10)})^2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(22)} + 3(m_{000}^{(10)})^2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(22)}\\
&-4(m_{000}^{(10)})^2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(21)} + 3(m_{000}^{(10)})^2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(21)}\\
&-(m_{000}^{(10)})^2m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(11)} + (m_{000}^{(10)})^2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(22)}\\
&-2(m_{000}^{(10)})^2m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(22)} - 2(m_{000}^{(10)})^2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(21)}\\
&-2(m_{000}^{(10)})^2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(20)} + (m_{000}^{(10)})^2m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(10)}\\
&+4(m_{000}^{(10)})^2m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(21)} + (m_{000}^{(10)})^2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(22)}\\
&+3(m_{000}^{(10)})^2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)} - 2(m_{000}^{(10)})^2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(21)}\\
&-2(m_{000}^{(10)})^2m_{000}^{(21)}m_{100}^{(21)}m_{100}^{(22)} - 2(m_{000}^{(10)})^2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(20)}\\
&+3(m_{000}^{(10)})^2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)} + (m_{000}^{(10)})^2m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(10)}\\
&-(m_{000}^{(10)})^2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(22)} - 4(m_{000}^{(10)})^2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(20)}\\
&-(m_{000}^{(10)})^2m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(00)} + 4(m_{000}^{(10)})^2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}\\
&-(m_{000}^{(10)})^2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(22)} - (m_{000}^{(10)})^2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(22)}
\end{aligned}
$$

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\begin{aligned}
&+2(m_{000}^{(10)})^2 m_{000}^{(22)} m_{100}^{(11)} m_{001}^{(20)} - 2(m_{000}^{(10)})^2 m_{000}^{(22)} m_{100}^{(20)} m_{010}^{(21)} \\
&+2(m_{000}^{(10)})^2 m_{000}^{(22)} m_{100}^{(20)} m_{001}^{(11)} + 2(m_{000}^{(10)})^2 m_{000}^{(22)} (m_{100}^{(21)})^2 \\
&-2(m_{000}^{(10)})^2 m_{000}^{(22)} m_{100}^{(21)} m_{010}^{(20)} - (m_{000}^{(10)})^2 m_{000}^{(22)} m_{100}^{(22)} m_{010}^{(10)} \\
&-(m_{000}^{(10)})^2 m_{000}^{(22)} m_{010}^{(00)} m_{010}^{(22)} + 2(m_{000}^{(10)})^2 m_{000}^{(22)} m_{010}^{(00)} m_{001}^{(21)} \\
&+2(m_{000}^{(10)})^2 m_{000}^{(22)} (m_{010}^{(20)})^2 + 2(m_{000}^{(10)})^2 m_{000}^{(22)} m_{010}^{(21)} m_{001}^{(00)} \\
&-2(m_{000}^{(10)})^2 m_{000}^{(22)} m_{001}^{(00)} m_{001}^{(11)} - 2(m_{000}^{(10)})^2 m_{000}^{(22)} (m_{001}^{(10)})^2 \\
&-2m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(20)} m_{010}^{(22)} + 4m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(20)} m_{001}^{(21)} \\
&-2m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(21)} m_{100}^{(22)} + 4m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(21)} m_{001}^{(20)} \\
&-2m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(22)} m_{010}^{(20)} + 4m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(20)} m_{010}^{(20)} m_{001}^{(20)} \\
&-2m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(20)} m_{001}^{(00)} m_{001}^{(21)} - 4m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(20)} m_{001}^{(10)} m_{001}^{(20)} \\
&-2m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(21)} m_{100}^{(20)} m_{100}^{(22)} + 4m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(21)} m_{100}^{(20)} m_{001}^{(20)} \\
&-2m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(21)} m_{001}^{(00)} m_{001}^{(20)} + m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(00)} m_{010}^{(22)} \\
&-m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(00)} m_{001}^{(21)} + 2m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(10)} m_{100}^{(22)} \\
&-2m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(10)} m_{001}^{(20)} - 2m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(20)} m_{001}^{(10)} \\
&-m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(21)} m_{001}^{(00)} + m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(22)} m_{100}^{(22)} m_{010}^{(00)} \\
&-m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(22)} m_{010}^{(00)} m_{001}^{(20)} - m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(22)} m_{010}^{(20)} m_{001}^{(00)} \\
&+4m_{000}^{(10)} m_{000}^{(11)} m_{000}^{(22)} m_{001}^{(00)} m_{001}^{(10)} - m_{000}^{(10)} (m_{000}^{(20)})^2 m_{100}^{(11)} m_{010}^{(22)} \\
&+3m_{000}^{(10)} (m_{000}^{(20)})^2 m_{100}^{(11)} m_{001}^{(21)} - 4m_{000}^{(10)} (m_{000}^{(20)})^2 m_{100}^{(21)} m_{010}^{(21)} \\
&+3m_{000}^{(10)} (m_{000}^{(20)})^2 m_{100}^{(21)} m_{001}^{(11)} - m_{000}^{(10)} (m_{000}^{(20)})^2 m_{100}^{(22)} m_{010}^{(11)} \\
&-2m_{000}^{(10)} (m_{000}^{(20)})^2 m_{010}^{(10)} m_{001}^{(21)} + m_{000}^{(10)} (m_{000}^{(20)})^2 m_{010}^{(11)} m_{001}^{(20)} \\
&+4m_{000}^{(10)} (m_{000}^{(20)})^2 m_{010}^{(20)} m_{010}^{(21)} + m_{000}^{(10)} (m_{000}^{(20)})^2 m_{010}^{(20)} m_{001}^{(11)} \\
&-2m_{000}^{(10)} (m_{000}^{(20)})^2 m_{010}^{(21)} m_{001}^{(10)} - 2m_{000}^{(10)} (m_{000}^{(20)})^2 m_{001}^{(10)} m_{001}^{(11)} \\
&-2m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(10)} m_{010}^{(22)} + 4m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(11)} m_{100}^{(22)} \\
&-2m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(11)} m_{001}^{(20)} - 2m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(20)} m_{001}^{(11)} \\
&-2m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(22)} m_{010}^{(10)} + 4m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(21)} m_{010}^{(00)} m_{010}^{(22)} \\
&-2m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(21)} m_{010}^{(00)} m_{001}^{(21)} - 2m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(21)} m_{010}^{(21)} m_{001}^{(00)} \\
&+4m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(21)} m_{001}^{(00)} m_{001}^{(11)} + 4m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(22)} m_{100}^{(10)} m_{010}^{(21)} \\
&-2m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(22)} m_{100}^{(10)} m_{001}^{(11)} - 2m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(22)} m_{100}^{(11)} m_{100}^{(21)} \\
&-2m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(22)} m_{100}^{(11)} m_{001}^{(10)} + 4m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(22)} m_{100}^{(21)} m_{010}^{(10)} \\
&-2m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(22)} m_{010}^{(00)} m_{010}^{(21)} - 4m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(22)} m_{010}^{(10)} m_{010}^{(20)} \\
&+4m_{000}^{(10)} m_{000}^{(20)} m_{000}^{(22)} m_{010}^{(10)} m_{001}^{(10)} - m_{000}^{(10)} (m_{000}^{(21)})^2 m_{100}^{(00)} m_{010}^{(22)} \\
&+m_{000}^{(10)} (m_{000}^{(21)})^2 m_{100}^{(00)} m_{001}^{(21)} - 2m_{000}^{(10)} (m_{000}^{(21)})^2 m_{100}^{(10)} m_{001}^{(20)} \\
&+4m_{000}^{(10)} (m_{000}^{(21)})^2 m_{100}^{(20)} m_{100}^{(21)} - 4m_{000}^{(10)} (m_{000}^{(21)})^2 m_{100}^{(20)} m_{010}^{(20)} \\
&-2m_{000}^{(10)} (m_{000}^{(21)})^2 m_{100}^{(20)} m_{001}^{(10)} + m_{000}^{(10)} (m_{000}^{(21)})^2 m_{100}^{(21)} m_{001}^{(00)} \\
&-m_{000}^{(10)} (m_{000}^{(21)})^2 m_{100}^{(22)} m_{010}^{(00)} + 3m_{000}^{(10)} (m_{000}^{(21)})^2 m_{010}^{(00)} m_{001}^{(20)} \\
&+3m_{000}^{(10)} (m_{000}^{(21)})^2 m_{010}^{(20)} m_{001}^{(00)} - 2m_{000}^{(10)} (m_{000}^{(21)})^2 m_{001}^{(00)} m_{001}^{(10)} \\
&-4m_{000}^{(10)} m_{000}^{(21)} m_{000}^{(22)} m_{100}^{(10)} m_{100}^{(21)} + 4m_{000}^{(10)} m_{000}^{(21)} m_{000}^{(22)} m_{100}^{(10)} m_{010}^{(20)} \\
&+4m_{000}^{(10)} m_{000}^{(21)} m_{000}^{(22)} m_{100}^{(10)} m_{001}^{(10)} - 2m_{000}^{(10)} m_{000}^{(21)} m_{000}^{(22)} m_{100}^{(11)} m_{100}^{(20)}
\end{aligned}
$$

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\begin{aligned}
&+4m_{000}^{(10)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)} - 2m_{000}^{(10)}m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(20)}\\
&-2m_{000}^{(10)}m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(10)} - 2m_{000}^{(10)}m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(00)}m_{001}\\
&+2m_{000}^{(10)}(m_{000}^{(22)})^2m_{100}^{(10)}m_{100}^{(11)} - 4m_{000}^{(10)}(m_{000}^{(22)})^2m_{100}^{(10)}m_{010}^{(10)}\\
&+2m_{000}^{(10)}(m_{000}^{(22)})^2m_{010}^{(00)}m_{010}^{(10)} + 2(m_{000}^{(11)})^2m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(22)}\\
&-4(m_{000}^{(11)})^2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(20)} + 2(m_{000}^{(11)})^2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(20)}\\
&-(m_{000}^{(11)})^2m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(22)} + (m_{000}^{(11)})^2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(20)}\\
&+(m_{000}^{(11)})^2m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(00)} - (m_{000}^{(11)})^2m_{000}^{(22)}(m_{001}^{(00)})^2 + 2m_{000}^{(11)}(m_{000}^{(20)})^2m_{100}^{(10)}m_{010}^{(22)}\\
&-2m_{000}^{(11)}(m_{000}^{(20)})^2m_{100}^{(10)}m_{001}^{(21)} - m_{000}^{(11)}(m_{000}^{(20)})^2m_{100}^{(11)}m_{100}^{(22)}\\
&-m_{000}^{(11)}(m_{000}^{(20)})^2m_{100}^{(11)}m_{001}^{(20)} - m_{000}^{(11)}(m_{000}^{(20)})^2m_{100}^{(20)}m_{001}^{(11)}\\
&+2m_{000}^{(11)}(m_{000}^{(20)})^2(m_{100}^{(21)})^2 - 2m_{000}^{(11)}(m_{000}^{(20)})^2m_{100}^{(21)}m_{001}^{(10)}\\
&+2m_{000}^{(11)}(m_{000}^{(20)})^2m_{100}^{(22)}m_{010}^{(10)} - 2m_{000}^{(11)}(m_{000}^{(20)})^2m_{010}^{(00)}m_{010}^{(22)}\\
&+2m_{000}^{(11)}(m_{000}^{(20)})^2m_{010}^{(00)}m_{001}^{(21)} - 2m_{000}^{(11)}(m_{000}^{(20)})^2(m_{010}^{(20)})^2\\
&+2m_{000}^{(11)}(m_{000}^{(20)})^2m_{010}^{(21)}m_{001}^{(00)} - m_{000}^{(11)}(m_{000}^{(20)})^2m_{001}^{(00)}m_{001}^{(11)}\\
&+2m_{000}^{(11)}(m_{000}^{(20)})^2(m_{001}^{(10)})^2 - 2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}\\
&+4m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)} - 4m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}\\
&+4m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)} + 4m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}\\
&-2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}\\
&-2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(10)} - m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}\\
&+m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(11)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}\\
&+2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)} + m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(00)}\\
&-2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)} - m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}\\
&+4m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(20)} - m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}\\
&-m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)} + m_{000}^{(11)}(m_{000}^{(21)})^2m_{100}^{(00)}m_{100}^{(22)}\\
&-m_{000}^{(11)}(m_{000}^{(21)})^2m_{001}^{(00)}m_{001}^{(20)} - m_{000}^{(11)}(m_{000}^{(21)})^2m_{100}^{(20)}m_{001}^{(00)} + m_{000}^{(11)}(m_{000}^{(21)})^2(m_{001}^{(00)})^2\\
&+2m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)} - m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(20)}\\
&-m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(10)} - m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(00)}\\
&-m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(00)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(00)}\\
&-m_{000}^{(11)}(m_{000}^{(22)})^2m_{100}^{(00)}m_{100}^{(11)} + m_{000}^{(11)}(m_{000}^{(22)})^2m_{100}^{(00)}m_{010}^{(10)}\\
&+m_{000}^{(11)}(m_{000}^{(22)})^2m_{100}^{(10)}m_{010}^{(00)} - m_{000}^{(11)}(m_{000}^{(22)})^2(m_{010}^{(00)})^2 + (m_{000}^{(20)})^3m_{100}^{(11)}m_{010}^{(21)}\\
&-2(m_{000}^{(20)})^3m_{100}^{(11)}m_{001}^{(11)} + (m_{000}^{(20)})^3m_{100}^{(21)}m_{010}^{(11)} + (m_{000}^{(20)})^3m_{010}^{(10)}m_{001}^{(11)}\\
&-2(m_{000}^{(20)})^3m_{010}^{(11)}m_{010}^{(20)} + (m_{000}^{(20)})^3m_{010}^{(11)}m_{001}^{(10)} - 2(m_{000}^{(20)})^2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(21)}\\
&+3(m_{000}^{(20)})^2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(11)} - 2(m_{000}^{(20)})^2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(21)}\\
&+(m_{000}^{(20)})^2m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(20)} + 3(m_{000}^{(20)})^2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(10)}\\
&+(m_{000}^{(20)})^2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(11)} - 2(m_{000}^{(20)})^2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(10)}\\
&-(m_{000}^{(20)})^2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(11)} + 4(m_{000}^{(20)})^2m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(20)}\\
&-4(m_{000}^{(20)})^2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(10)} - (m_{000}^{(20)})^2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(00)}\\
&-(m_{000}^{(20)})^2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)} + (m_{000}^{(20)})^2m_{000}^{(22)}(m_{100}^{(11)})^2 - (m_{000}^{(20)})^2m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(10)}\\
&+(m_{000}^{(20)})^2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(11)} + m_{000}^{(20)}(m_{000}^{(21)})^2m_{100}^{(00)}m_{010}^{(21)}
\end{aligned}
$$

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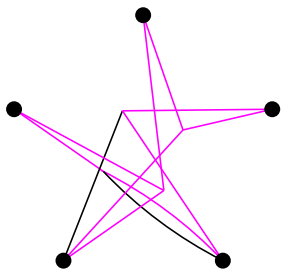
\begin{aligned}
&-m_{000}^{(20)}(m_{000}^{(21)})^2 m_{100}^{(00)} m_{001}^{(11)} + 4m_{000}^{(20)}(m_{000}^{(21)})^2 m_{100}^{(10)} m_{100}^{(21)} \\
&-2m_{000}^{(20)}(m_{000}^{(21)})^2 m_{100}^{(10)} m_{010}^{(20)} - 4m_{000}^{(20)}(m_{000}^{(21)})^2 m_{100}^{(10)} m_{001}^{(10)} \\
&-m_{000}^{(20)}(m_{000}^{(21)})^2 m_{100}^{(11)} m_{001}^{(00)} - 2m_{000}^{(20)}(m_{000}^{(21)})^2 m_{100}^{(20)} m_{010}^{(10)} \\
&+m_{000}^{(20)}(m_{000}^{(21)})^2 m_{100}^{(21)} m_{010}^{(00)} - 2m_{000}^{(20)}(m_{000}^{(21)})^2 m_{010}^{(00)} m_{010}^{(20)} \\
&+3m_{000}^{(20)}(m_{000}^{(21)})^2 m_{010}^{(00)} m_{001}^{(10)} + 3m_{000}^{(20)}(m_{000}^{(21)})^2 m_{010}^{(10)} m_{001}^{(00)} \\
&-2m_{000}^{(20)} m_{000}^{(21)} m_{000}^{(22)} m_{100}^{(10)} m_{100}^{(11)} + 4m_{000}^{(20)} m_{000}^{(21)} m_{000}^{(22)} m_{100}^{(10)} m_{010}^{(10)} \\
&-2m_{000}^{(20)} m_{000}^{(21)} m_{000}^{(22)} m_{010}^{(00)} m_{010}^{(10)} - 2(m_{000}^{(21)})^3 m_{100}^{(00)} m_{100}^{(21)} + (m_{000}^{(21)})^3 m_{100}^{(00)} m_{010}^{(20)} \\
&+(m_{000}^{(21)})^3 m_{100}^{(00)} m_{001}^{(10)} + (m_{000}^{(21)})^3 m_{100}^{(10)} m_{001}^{(00)} + (m_{000}^{(21)})^3 m_{100}^{(20)} m_{010}^{(00)} \\
&-2(m_{000}^{(21)})^3 m_{010}^{(00)} m_{001}^{(00)} + (m_{000}^{(21)})^2 m_{000}^{(22)} m_{100}^{(00)} m_{100}^{(11)} - (m_{000}^{(21)})^2 m_{000}^{(22)} m_{100}^{(00)} m_{010}^{(10)} \\
&-(m_{000}^{(21)})^2 m_{000}^{(22)} m_{100}^{(10)} m_{010}^{(00)} + (m_{000}^{(21)})^2 m_{000}^{(22)} (m_{010}^{(00)})^2
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & V1 & 1 & V2 \\
V2 & V3 & V4 & V5 \\
V3 & V4 & V5 & 5
\end{array}
$$



$$
\begin{aligned}
T_{24} \;=\; & -m_{100}^{(00)} m_{100}^{(10)} (m_{010}^{(21)})^2 m_{001}^{(22)} + 2m_{100}^{(00)} m_{100}^{(10)} m_{010}^{(21)} m_{010}^{(22)} m_{001}^{(21)} \\
& +2m_{100}^{(00)} m_{100}^{(10)} m_{010}^{(21)} m_{001}^{(11)} m_{001}^{(22)} - 2m_{100}^{(00)} m_{100}^{(10)} m_{010}^{(21)} (m_{001}^{(21)})^2 \\
& -m_{100}^{(00)} m_{100}^{(10)} (m_{010}^{(22)})^2 m_{001}^{(11)} - m_{100}^{(00)} m_{100}^{(10)} (m_{001}^{(11)})^2 m_{001}^{(22)} \\
& +m_{100}^{(00)} m_{100}^{(10)} m_{001}^{(11)} (m_{001}^{(21)})^2 - m_{100}^{(00)} (m_{100}^{(11)})^2 m_{010}^{(22)} m_{001}^{(22)} \\
& +m_{100}^{(00)} (m_{100}^{(11)})^2 m_{001}^{(21)} m_{001}^{(22)} + m_{100}^{(00)} m_{100}^{(11)} m_{100}^{(21)} m_{010}^{(21)} m_{001}^{(22)} \\
& +m_{100}^{(00)} m_{100}^{(11)} m_{100}^{(21)} (m_{010}^{(22)})^2 + m_{100}^{(00)} m_{100}^{(11)} m_{100}^{(21)} m_{010}^{(22)} m_{001}^{(21)} \\
& -m_{100}^{(00)} m_{100}^{(11)} m_{100}^{(21)} m_{001}^{(11)} m_{001}^{(22)} - 2m_{100}^{(00)} m_{100}^{(11)} m_{100}^{(21)} (m_{001}^{(21)})^2 \\
& -m_{100}^{(00)} m_{100}^{(11)} m_{100}^{(22)} m_{010}^{(21)} m_{010}^{(22)} + m_{100}^{(00)} m_{100}^{(11)} m_{100}^{(22)} m_{001}^{(11)} m_{001}^{(21)} \\
& +2m_{100}^{(00)} m_{100}^{(11)} m_{010}^{(10)} m_{010}^{(22)} m_{001}^{(22)} - 2m_{100}^{(00)} m_{100}^{(11)} m_{010}^{(10)} m_{001}^{(21)} m_{001}^{(22)} \\
& -2m_{100}^{(00)} m_{100}^{(11)} m_{010}^{(20)} m_{010}^{(22)} m_{001}^{(21)} + 2m_{100}^{(00)} m_{100}^{(11)} m_{010}^{(20)} (m_{001}^{(21)})^2 \\
& -m_{100}^{(00)} m_{100}^{(11)} m_{010}^{(21)} m_{010}^{(22)} m_{001}^{(20)} - m_{100}^{(00)} m_{100}^{(11)} m_{010}^{(21)} m_{001}^{(10)} m_{001}^{(22)} \\
& +2m_{100}^{(00)} m_{100}^{(11)} m_{010}^{(21)} m_{001}^{(20)} m_{001}^{(21)} + m_{100}^{(00)} m_{100}^{(11)} (m_{010}^{(22)})^2 m_{001}^{(10)} \\
& -3m_{100}^{(00)} m_{100}^{(11)} m_{010}^{(22)} m_{001}^{(10)} m_{001}^{(21)} + 2m_{100}^{(00)} m_{100}^{(11)} m_{010}^{(22)} m_{001}^{(11)} m_{001}^{(20)}
\end{aligned}
$$

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\begin{aligned}
&+m_{100}^{(00)}m_{100}^{(11)}m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(22)} + 2m_{100}^{(00)}m_{100}^{(11)}m_{001}^{(10)}(m_{001}^{(21)})^2\\
&-3m_{100}^{(00)}m_{100}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{001}^{(21)} + m_{100}^{(00)}m_{100}^{(20)}m_{010}^{(11)}(m_{010}^{(22)})^2\\
&-2m_{100}^{(00)}m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(21)} + m_{100}^{(00)}m_{100}^{(20)}m_{010}^{(11)}(m_{001}^{(21)})^2\\
&-m_{100}^{(00)}m_{100}^{(20)}(m_{010}^{(21)})^2m_{010}^{(22)} + 2m_{100}^{(00)}m_{100}^{(20)}(m_{010}^{(21)})^2m_{001}^{(21)}\\
&-2m_{100}^{(00)}m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{001}^{(21)} + m_{100}^{(00)}m_{100}^{(20)}m_{010}^{(22)}(m_{001}^{(11)})^2\\
&-2m_{100}^{(00)}(m_{100}^{(21)})^2m_{010}^{(21)}m_{010}^{(22)} + 2m_{100}^{(00)}(m_{100}^{(21)})^2m_{001}^{(11)}m_{001}^{(21)}\\
&+m_{100}^{(00)}m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(22)} - m_{100}^{(00)}m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(21)}\\
&+2m_{100}^{(00)}m_{100}^{(21)}m_{100}^{(22)}(m_{010}^{(21)})^2 - m_{100}^{(00)}m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(11)}\\
&-m_{100}^{(00)}m_{100}^{(21)}m_{100}^{(22)}(m_{001}^{(11)})^2 - m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(22)}\\
&-3m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(10)}(m_{010}^{(22)})^2 + 3m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(21)}\\
&+m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(22)} - m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(20)}\\
&+m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(20)}m_{001}^{(21)} + 3m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{010}^{(22)}\\
&-2m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(21)} - m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(21)}\\
&+m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(10)} + 2m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(21)}\\
&-3m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(11)}m_{001}^{(20)} - 3m_{100}^{(00)}m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(21)}\\
&+3m_{100}^{(00)}m_{100}^{(21)}(m_{001}^{(11)})^2m_{001}^{(20)} - m_{100}^{(00)}(m_{100}^{(22)})^2m_{010}^{(11)}m_{010}^{(21)}\\
&+m_{100}^{(00)}(m_{100}^{(22)})^2m_{010}^{(11)}m_{001}^{(11)} + 3m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{010}^{(22)}\\
&-2m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(21)} - 2m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(11)}\\
&+m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(21)} - m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{010}^{(22)}\\
&+m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(21)} + 2m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(21)}m_{001}^{(20)}\\
&-2m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(11)}m_{001}^{(20)} - 2m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(20)}(m_{010}^{(21)})^2\\
&+3m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(11)} - m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(20)}(m_{001}^{(11)})^2\\
&-2m_{100}^{(00)}m_{100}^{(22)}(m_{010}^{(21)})^2m_{001}^{(10)} + 2m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(11)}\\
&+m_{100}^{(00)}m_{010}^{(00)}(m_{010}^{(21)})^2m_{001}^{(22)} - 2m_{100}^{(00)}m_{010}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(21)}\\
&-2m_{100}^{(00)}m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{001}^{(22)} + 2m_{100}^{(00)}m_{010}^{(00)}m_{010}^{(21)}(m_{001}^{(21)})^2\\
&+m_{100}^{(00)}m_{010}^{(00)}(m_{010}^{(22)})^2m_{001}^{(11)} + m_{100}^{(00)}m_{010}^{(00)}(m_{001}^{(11)})^2m_{001}^{(22)}\\
&-m_{100}^{(00)}m_{010}^{(00)}m_{001}^{(11)}(m_{001}^{(21)})^2 - m_{100}^{(00)}(m_{010}^{(10)})^2m_{010}^{(22)}m_{001}^{(22)}\\
&+m_{100}^{(00)}(m_{010}^{(10)})^2m_{001}^{(21)}m_{001}^{(22)} + 2m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(21)}\\
&-2m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(20)}(m_{001}^{(21)})^2 - m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(20)}\\
&+m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(22)} + m_{100}^{(00)}m_{010}^{(10)}(m_{010}^{(22)})^2m_{001}^{(10)}\\
&-m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{001}^{(21)} - m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(22)}\\
&+m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{001}^{(21)} + m_{100}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(20)}\\
&-m_{100}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{001}^{(21)} - m_{100}^{(00)}m_{010}^{(11)}m_{010}^{(21)}(m_{001}^{(20)})^2\\
&-m_{100}^{(00)}m_{010}^{(11)}(m_{010}^{(22)})^2m_{001}^{(00)} + 2m_{100}^{(00)}m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(21)}\\
&-m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(00)}(m_{001}^{(21)})^2 + m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(11)}(m_{001}^{(20)})^2\\
&-m_{100}^{(00)}(m_{010}^{(20)})^2m_{010}^{(22)}m_{001}^{(11)} + m_{100}^{(00)}(m_{010}^{(20)})^2m_{001}^{(11)}m_{001}^{(21)}\\
&-m_{100}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(10)} + m_{100}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{001}^{(20)}\\
&+m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(21)} - m_{100}^{(00)}m_{010}^{(20)}(m_{001}^{(11)})^2m_{001}^{(20)}
\end{aligned}
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\begin{aligned}
&+m_{100}^{(00)}(m_{010}^{(21)})^2m_{010}^{(22)}m_{001}^{(00)} - 2m_{100}^{(00)}(m_{010}^{(21)})^2m_{001}^{(00)}m_{001}^{(21)}\\
&+2m_{100}^{(00)}(m_{010}^{(21)})^2m_{001}^{(10)}m_{001}^{(20)} - m_{100}^{(00)}m_{010}^{(21)}m_{010}^{(22)}(m_{001}^{(10)})^2\\
&+2m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(21)} - 2m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(20)}\\
&-m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(00)}(m_{001}^{(11)})^2 + m_{100}^{(00)}m_{010}^{(22)}(m_{001}^{(10)})^2m_{001}^{(11)}\\
&+(m_{100}^{(10)})^2m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(22)} - (m_{100}^{(10)})^2m_{100}^{(11)}m_{001}^{(21)}m_{001}^{(22)} - (m_{100}^{(10)})^2m_{100}^{(21)}(m_{010}^{(22)})^2\\
&-2(m_{100}^{(10)})^2m_{100}^{(21)}m_{001}^{(11)}m_{001}^{(22)} + 3(m_{100}^{(10)})^2m_{100}^{(21)}(m_{001}^{(21)})^2\\
&+(m_{100}^{(10)})^2m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(22)} + (m_{100}^{(10)})^2m_{100}^{(22)}m_{010}^{(21)}m_{010}^{(22)}\\
&-3(m_{100}^{(10)})^2m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(21)} + (m_{100}^{(10)})^2m_{100}^{(22)}m_{010}^{(22)}m_{001}^{(11)}\\
&-2(m_{100}^{(10)})^2m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(22)} + 2(m_{100}^{(10)})^2m_{010}^{(10)}m_{001}^{(21)}m_{001}^{(22)}\\
&-(m_{100}^{(10)})^2m_{010}^{(11)}m_{001}^{(20)}m_{001}^{(22)} + 2(m_{100}^{(10)})^2m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(22)}\\
&-2(m_{100}^{(10)})^2m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(22)} - (m_{100}^{(10)})^2m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(20)}\\
&+(m_{100}^{(10)})^2m_{010}^{(21)}m_{001}^{(20)}m_{001}^{(21)} + (m_{100}^{(10)})^2(m_{010}^{(22)})^2m_{001}^{(10)} + 2(m_{100}^{(10)})^2m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(22)}\\
&-3(m_{100}^{(10)})^2m_{001}^{(10)}(m_{001}^{(21)})^2 + (m_{100}^{(10)})^2m_{001}^{(11)}m_{001}^{(20)}m_{001}^{(21)}\\
&-m_{100}^{(10)}m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(22)} - m_{100}^{(10)}m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(21)}\\
&+3m_{100}^{(10)}m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{001}^{(22)} - m_{100}^{(10)}m_{100}^{(11)}m_{100}^{(20)}(m_{001}^{(21)})^2\\
&-m_{100}^{(10)}m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(22)} - m_{100}^{(10)}m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(20)}\\
&+3m_{100}^{(10)}m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(22)} - m_{100}^{(10)}m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{001}^{(21)}\\
&-2m_{100}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(22)} + 3m_{100}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(21)}\\
&+3m_{100}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(20)} - 2m_{100}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(22)}m_{001}^{(10)}\\
&+m_{100}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(10)}m_{001}^{(21)} - 3m_{100}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(11)}m_{001}^{(20)}\\
&+2m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{001}^{(22)} - m_{100}^{(10)}m_{100}^{(11)}(m_{010}^{(20)})^2m_{001}^{(22)}\\
&+2m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(20)} + m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(22)}\\
&-3m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{001}^{(21)} - m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(22)}\\
&-m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(21)}(m_{001}^{(20)})^2 - m_{100}^{(10)}m_{100}^{(11)}(m_{010}^{(22)})^2m_{001}^{(00)}\\
&+3m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(21)} - m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(10)}m_{001}^{(20)}\\
&-m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(22)} - 2m_{100}^{(10)}m_{100}^{(11)}(m_{001}^{(10)})^2m_{001}^{(22)}\\
&+2m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{001}^{(21)} + m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(11)}(m_{001}^{(20)})^2\\
&+2m_{100}^{(10)}m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{010}^{(22)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(11)}m_{001}^{(21)}\\
&-3m_{100}^{(10)}m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(22)} + m_{100}^{(10)}m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(21)}\\
&+m_{100}^{(10)}m_{100}^{(20)}m_{100}^{(22)}(m_{010}^{(21)})^2 + m_{100}^{(10)}m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(11)}\\
&+m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(10)}(m_{010}^{(22)})^2 + 2m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(21)}\\
&-2m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(22)} - m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(10)}(m_{001}^{(21)})^2\\
&+m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(22)} + 2m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(20)}\\
&-m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{001}^{(22)} - m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{010}^{(22)}\\
&-5m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(21)} + 2m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(11)}\\
&+3m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(21)} + m_{100}^{(10)}m_{100}^{(20)}(m_{010}^{(21)})^2m_{001}^{(20)}\\
&-3m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(10)} + 5m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(21)}\\
&-2m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{001}^{(20)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{001}^{(11)}
\end{aligned}
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\begin{aligned}
&+m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(21)} - m_{100}^{(10)}m_{100}^{(20)}(m_{001}^{(11)})^2m_{001}^{(20)}\\
&+2m_{100}^{(10)}(m_{100}^{(21)})^2m_{010}^{(20)}m_{010}^{(22)} - 6m_{100}^{(10)}(m_{100}^{(21)})^2m_{001}^{(10)}m_{001}^{(21)}\\
&+4m_{100}^{(10)}(m_{100}^{(21)})^2m_{001}^{(11)}m_{001}^{(20)} + m_{100}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(22)}\\
&+3m_{100}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(21)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(20)}\\
&-5m_{100}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{010}^{(21)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(11)}\\
&+3m_{100}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(10)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(10)}m_{001}^{(11)}\\
&+m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(22)} + 3m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(00)}(m_{010}^{(22)})^2\\
&-7m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(21)} + 3m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(22)}\\
&+3m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(20)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(22)}\\
&-5m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{001}^{(21)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(11)}(m_{001}^{(20)})^2\\
&-3m_{100}^{(10)}m_{100}^{(21)}(m_{010}^{(20)})^2m_{010}^{(22)} + 5m_{100}^{(10)}m_{100}^{(21)}(m_{010}^{(20)})^2m_{001}^{(21)}\\
&-m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(20)} + m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(20)}\\
&-m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(00)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(21)}\\
&-m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(20)} - m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(21)}\\
&+6m_{100}^{(10)}m_{100}^{(21)}(m_{001}^{(10)})^2m_{001}^{(21)} - 5m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(20)}\\
&-m_{100}^{(10)}(m_{100}^{(22)})^2m_{010}^{(10)}m_{010}^{(21)} - m_{100}^{(10)}(m_{100}^{(22)})^2m_{010}^{(10)}m_{001}^{(11)}\\
&+3m_{100}^{(10)}(m_{100}^{(22)})^2m_{010}^{(11)}m_{010}^{(20)} - m_{100}^{(10)}(m_{100}^{(22)})^2m_{010}^{(11)}m_{001}^{(10)}\\
&-2m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(22)} - 3m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{010}^{(22)}\\
&+6m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(21)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(11)}\\
&-3m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(21)} + 2m_{100}^{(10)}m_{100}^{(22)}(m_{010}^{(10)})^2m_{001}^{(22)}\\
&-m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{010}^{(22)} - 3m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(21)}\\
&-2m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(20)} - 2m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(21)}\\
&+6m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(20)} - 3m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(20)}\\
&+2m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(00)} + m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{001}^{(20)}\\
&+4m_{100}^{(10)}m_{100}^{(22)}(m_{010}^{(20)})^2m_{010}^{(21)} - 3m_{100}^{(10)}m_{100}^{(22)}(m_{010}^{(20)})^2m_{001}^{(11)}\\
&+m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(10)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(11)}\\
&-4m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(11)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(00)}(m_{001}^{(11)})^2\\
&-2m_{100}^{(10)}m_{100}^{(22)}(m_{001}^{(10)})^2m_{001}^{(11)} + 2m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(22)}\\
&-2m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{001}^{(22)} + 2m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{001}^{(22)}\\
&-2m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(22)} + 2m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(22)}\\
&+3m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(20)} - 3m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(22)}\\
&-2m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{001}^{(21)} - 3m_{100}^{(10)}m_{010}^{(00)}(m_{010}^{(22)})^2m_{001}^{(10)}\\
&+7m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{001}^{(21)} - 4m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(11)}m_{001}^{(20)}\\
&-m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(22)} + m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{001}^{(21)}\\
&-2m_{100}^{(10)}(m_{010}^{(10)})^2m_{001}^{(20)}m_{001}^{(22)} - 3m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(20)}\\
&+2m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(22)} + 5m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{001}^{(21)}\\
&+2m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(22)} + m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(21)}(m_{001}^{(20)})^2\\
&+m_{100}^{(10)}m_{010}^{(10)}(m_{010}^{(22)})^2m_{001}^{(00)} - 6m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(21)}
\end{aligned}
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\begin{aligned}
&+2m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{001}^{(20)} + 3m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(00)}(m_{001}^{(21)})^2 \\
&-3m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(11)}(m_{001}^{(20)})^2 - m_{100}^{(10)}m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(22)} \\
&-m_{100}^{(10)}m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(20)} + m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(22)} \\
&-m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{001}^{(21)} + 3m_{100}^{(10)}(m_{010}^{(20)})^2m_{010}^{(22)}m_{001}^{(10)} \\
&-5m_{100}^{(10)}(m_{010}^{(20)})^2m_{001}^{(10)}m_{001}^{(21)} - m_{100}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(00)} \\
&+3m_{100}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(21)} - m_{100}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(20)} \\
&+2m_{100}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(11)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{010}^{(22)}(m_{001}^{(10)})^2 \\
&-3m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(21)} + 3m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(20)} \\
&-m_{100}^{(10)}(m_{010}^{(21)})^2m_{001}^{(00)}m_{001}^{(20)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(10)} \\
&-3m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(21)} + 3m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(20)} \\
&+(m_{100}^{(11)})^2m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(22)} + (m_{100}^{(11)})^2m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(20)} \\
&-3(m_{100}^{(11)})^2m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(22)} + (m_{100}^{(11)})^2m_{100}^{(20)}m_{001}^{(20)}m_{001}^{(21)} \\
&+(m_{100}^{(11)})^2m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(22)} - 3(m_{100}^{(11)})^2m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(20)} \\
&+(m_{100}^{(11)})^2m_{100}^{(22)}m_{010}^{(22)}m_{001}^{(00)} - 2(m_{100}^{(11)})^2m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(21)} \\
&+3(m_{100}^{(11)})^2m_{100}^{(22)}m_{001}^{(10)}m_{001}^{(20)} - (m_{100}^{(11)})^2m_{010}^{(00)}m_{001}^{(20)}m_{001}^{(22)} \\
&+(m_{100}^{(11)})^2m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(22)} + (m_{100}^{(11)})^2m_{010}^{(20)}(m_{001}^{(20)})^2 - (m_{100}^{(11)})^2m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(20)} \\
&+(m_{100}^{(11)})^2m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(22)} - (m_{100}^{(11)})^2m_{001}^{(10)}(m_{001}^{(20)})^2 - m_{100}^{(11)}(m_{100}^{(20)})^2m_{010}^{(11)}m_{001}^{(22)} \\
&+3m_{100}^{(11)}(m_{100}^{(20)})^2m_{010}^{(21)}m_{001}^{(21)} - m_{100}^{(11)}(m_{100}^{(20)})^2m_{010}^{(22)}m_{001}^{(11)} \\
&-m_{100}^{(11)}(m_{100}^{(20)})^2m_{001}^{(11)}m_{001}^{(21)} + 2m_{100}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(22)} \\
&-2m_{100}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{010}^{(22)} - 3m_{100}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(21)} \\
&-3m_{100}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(20)} + 2m_{100}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(10)} \\
&+5m_{100}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(21)} - m_{100}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(11)}m_{001}^{(20)} \\
&+3m_{100}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(22)} - 3m_{100}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(21)} \\
&+2m_{100}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(20)} - m_{100}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(20)}m_{010}^{(21)} \\
&+2m_{100}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(11)} - 3m_{100}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(10)} \\
&-2m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(00)}(m_{010}^{(22)})^2 + 4m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(21)} \\
&-2m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(22)} - m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(22)} \\
&-6m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(20)} + 3m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(22)} \\
&+2m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{001}^{(21)} + 2m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(22)} \\
&-2m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(11)}(m_{001}^{(20)})^2 + 2m_{100}^{(11)}m_{100}^{(20)}(m_{010}^{(20)})^2m_{010}^{(22)} \\
&+2m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(20)} - 2m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(10)} \\
&-m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(21)} + 3m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(00)} \\
&-6m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(21)} + 3m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(20)} \\
&-2m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(11)} + 3m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(22)}(m_{001}^{(10)})^2 \\
&+3m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(21)} - 4m_{100}^{(11)}m_{100}^{(20)}(m_{001}^{(10)})^2m_{001}^{(21)} \\
&+m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(20)} - m_{100}^{(11)}(m_{100}^{(21)})^2m_{010}^{(00)}m_{001}^{(22)} \\
&+3m_{100}^{(11)}(m_{100}^{(21)})^2m_{010}^{(20)}m_{001}^{(20)} - m_{100}^{(11)}(m_{100}^{(21)})^2m_{010}^{(22)}m_{001}^{(00)} \\
&+2m_{100}^{(11)}(m_{100}^{(21)})^2m_{001}^{(00)}m_{001}^{(21)} - 3m_{100}^{(11)}(m_{100}^{(21)})^2m_{001}^{(10)}m_{001}^{(20)}
\end{aligned}
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\begin{aligned}
&-2m_{100}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(22)} + 3m_{100}^{(11)}m_{100}^{(21)}m_{100}^{(22)}(m_{010}^{(20)})^2 \\
&+2m_{100}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(11)} - 3m_{100}^{(11)}m_{100}^{(21)}m_{100}^{(22)}(m_{001}^{(10)})^2 \\
&+2m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(20)} + 2m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{001}^{(21)} \\
&-2m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(22)} - 2m_{100}^{(11)}m_{100}^{(21)}(m_{010}^{(20)})^2m_{001}^{(20)} \\
&-2m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(21)} + 2m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(20)} \\
&-2m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(21)} + 2m_{100}^{(11)}m_{100}^{(21)}(m_{001}^{(10)})^2m_{001}^{(20)} \\
&+2m_{100}^{(11)}(m_{100}^{(22)})^2m_{010}^{(00)}m_{010}^{(21)} - m_{100}^{(11)}(m_{100}^{(22)})^2m_{010}^{(00)}m_{001}^{(11)} \\
&-3m_{100}^{(11)}(m_{100}^{(22)})^2m_{010}^{(10)}m_{010}^{(20)} + 3m_{100}^{(11)}(m_{100}^{(22)})^2m_{010}^{(10)}m_{001}^{(10)} \\
&-m_{100}^{(11)}(m_{100}^{(22)})^2m_{010}^{(11)}m_{001}^{(00)} + 2m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{010}^{(22)} \\
&-2m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(21)} - 4m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(20)} \\
&+2m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(20)} + 7m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(20)} \\
&-2m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(00)} + 4m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(21)} \\
&-7m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(20)} - 2m_{100}^{(11)}m_{100}^{(22)}(m_{010}^{(20)})^3 + m_{100}^{(11)}m_{100}^{(22)}(m_{010}^{(20)})^2m_{001}^{(10)} \\
&-m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(20)}(m_{001}^{(10)})^2 + 2m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(10)} \\
&-2m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(11)} + 2m_{100}^{(11)}m_{100}^{(22)}(m_{001}^{(10)})^3 - m_{100}^{(11)}(m_{010}^{(00)})^2m_{010}^{(22)}m_{001}^{(22)} \\
&+m_{100}^{(11)}(m_{010}^{(00)})^2m_{001}^{(21)}m_{001}^{(22)} + m_{100}^{(11)}m_{010}^{(00)}(m_{010}^{(20)})^2m_{001}^{(22)} \\
&-2m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(20)}m_{001}^{(21)} + 2m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(22)} \\
&+m_{100}^{(11)}m_{010}^{(00)}(m_{010}^{(22)})^2m_{001}^{(00)} - 2m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(21)} \\
&-m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(00)}(m_{001}^{(21)})^2 + m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(11)}(m_{001}^{(20)})^2 \\
&-3m_{100}^{(11)}m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(22)} + 3m_{100}^{(11)}m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(20)} \\
&+m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(22)} - m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(20)}m_{001}^{(21)} \\
&-m_{100}^{(11)}m_{010}^{(11)}(m_{001}^{(00)})^2m_{001}^{(22)} + m_{100}^{(11)}m_{010}^{(11)}m_{001}^{(00)}(m_{001}^{(20)})^2 \\
&-m_{100}^{(11)}(m_{010}^{(20)})^2m_{010}^{(22)}m_{001}^{(00)} + 3m_{100}^{(11)}(m_{010}^{(20)})^2m_{001}^{(00)}m_{001}^{(21)} \\
&-m_{100}^{(11)}m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(20)} + 2m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(21)} \\
&-2m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(20)} - m_{100}^{(11)}m_{010}^{(21)}m_{010}^{(22)}(m_{001}^{(00)})^2 \\
&+m_{100}^{(11)}m_{010}^{(21)}(m_{001}^{(00)})^2m_{001}^{(21)} - m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(20)} \\
&+m_{100}^{(11)}m_{010}^{(22)}(m_{001}^{(00)})^2m_{001}^{(11)} - m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(00)}(m_{001}^{(10)})^2 \\
&+2(m_{100}^{(20)})^2m_{100}^{(21)}m_{010}^{(11)}m_{010}^{(22)} - 3(m_{100}^{(20)})^2m_{100}^{(21)}(m_{010}^{(21)})^2 + (m_{100}^{(20)})^2m_{100}^{(21)}(m_{001}^{(11)})^2 \\
&+(m_{100}^{(20)})^2m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(21)} - (m_{100}^{(20)})^2m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(11)} \\
&+(m_{100}^{(20)})^2m_{010}^{(10)}m_{010}^{(11)}m_{001}^{(22)} - (m_{100}^{(20)})^2m_{010}^{(10)}m_{010}^{(21)}m_{010}^{(22)} \\
&-(m_{100}^{(20)})^2m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(21)} + (m_{100}^{(20)})^2m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(21)} \\
&-2(m_{100}^{(20)})^2m_{010}^{(11)}m_{010}^{(20)}m_{010}^{(22)} - 2(m_{100}^{(20)})^2m_{010}^{(11)}m_{010}^{(21)}m_{001}^{(20)} \\
&+2(m_{100}^{(20)})^2m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(10)} - 2(m_{100}^{(20)})^2m_{010}^{(11)}m_{001}^{(10)}m_{001}^{(21)} \\
&+2(m_{100}^{(20)})^2m_{010}^{(11)}m_{001}^{(11)}m_{001}^{(20)} + 3(m_{100}^{(20)})^2m_{010}^{(20)}(m_{010}^{(21)})^2 - (m_{100}^{(20)})^2m_{010}^{(20)}(m_{001}^{(11)})^2 \\
&-4m_{100}^{(20)}(m_{100}^{(21)})^2m_{010}^{(10)}m_{010}^{(22)} + 6m_{100}^{(20)}(m_{100}^{(21)})^2m_{010}^{(20)}m_{010}^{(21)} \\
&-2m_{100}^{(20)}(m_{100}^{(21)})^2m_{001}^{(10)}m_{001}^{(11)} + m_{100}^{(20)}m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(21)} \\
&+m_{100}^{(20)}m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(11)} - 3m_{100}^{(20)}m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(20)} \\
&+m_{100}^{(20)}m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(10)} + m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{010}^{(22)}
\end{aligned}
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\begin{aligned}
&-2m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(21)} + m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(21)}\\
&-2m_{100}^{(20)}m_{100}^{(21)}(m_{010}^{(10)})^2m_{001}^{(22)} + 5m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{010}^{(22)}\\
&+m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(21)} + 5m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(20)}\\
&-m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(10)} + m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(21)}\\
&-3m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(20)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(20)}\\
&-3m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(00)} - m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(21)}\\
&-6m_{100}^{(20)}m_{100}^{(21)}(m_{010}^{(20)})^2m_{010}^{(21)} + 7m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(11)}\\
&-5m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(21)}(m_{001}^{(10)})^2 - 3m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(00)}(m_{001}^{(11)})^2\\
&+3m_{100}^{(20)}m_{100}^{(21)}(m_{001}^{(10)})^2m_{001}^{(11)} + m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{010}^{(22)}\\
&+m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(21)} - 3m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(11)}\\
&+m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(00)}(m_{001}^{(11)})^2 - m_{100}^{(20)}m_{100}^{(22)}(m_{010}^{(10)})^2m_{010}^{(22)}\\
&+m_{100}^{(20)}m_{100}^{(22)}(m_{010}^{(10)})^2m_{001}^{(21)} - 2m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(11)}m_{001}^{(20)}\\
&-2m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{010}^{(21)} + m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(11)}\\
&+3m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(10)} - 2m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(11)}\\
&+2m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(11)}(m_{010}^{(20)})^2 - m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(10)}\\
&+m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(11)}(m_{001}^{(10)})^2 + m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(22)}\\
&-3m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(21)} + m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(22)}\\
&+m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(10)}(m_{001}^{(21)})^2 - m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(22)}\\
&+m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{001}^{(22)} - 2m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{001}^{(21)}\\
&+3m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(21)} - 2m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(21)}\\
&-3m_{100}^{(20)}m_{010}^{(00)}(m_{010}^{(21)})^2m_{001}^{(20)} + 3m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(10)}\\
&-3m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(21)} + 6m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{001}^{(20)}\\
&-2m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{001}^{(11)} + m_{100}^{(20)}m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(00)}(m_{001}^{(11)})^2m_{001}^{(20)} + 3m_{100}^{(20)}(m_{010}^{(10)})^2m_{010}^{(22)}m_{001}^{(20)}\\
&-m_{100}^{(20)}(m_{010}^{(10)})^2m_{001}^{(20)}m_{001}^{(21)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(22)}\\
&+2m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(11)}(m_{001}^{(20)})^2 - 3m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(10)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(21)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(20)}\\
&-m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(00)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(21)}\\
&-5m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(20)} + 4m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(11)}\\
&-3m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(21)} + 3m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(20)}\\
&+m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(00)} + 3m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(21)}\\
&-2m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(20)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(20)}\\
&-2m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(10)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(21)}\\
&-2m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(20)} + 2m_{100}^{(20)}(m_{010}^{(20)})^2m_{001}^{(10)}m_{001}^{(11)}\\
&-7m_{100}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(11)} + 5m_{100}^{(20)}m_{010}^{(20)}m_{010}^{(21)}(m_{001}^{(10)})^2\\
&+3m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(00)}(m_{001}^{(11)})^2 - 3m_{100}^{(20)}m_{010}^{(20)}(m_{001}^{(10)})^2m_{001}^{(11)} + 2(m_{100}^{(21)})^3m_{010}^{(00)}m_{010}^{(22)}\\
&-3(m_{100}^{(21)})^3(m_{010}^{(20)})^2 - 2(m_{100}^{(21)})^3m_{001}^{(00)}m_{001}^{(11)} + 3(m_{100}^{(21)})^3(m_{001}^{(10)})^2\\
&-2(m_{100}^{(21)})^2m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(21)} + (m_{100}^{(21)})^2m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(11)}
\end{aligned}
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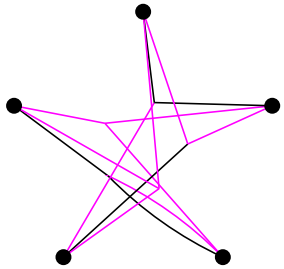
\begin{aligned}
&+3(m_{100}^{(21)})^2 m_{100}^{(22)} m_{010}^{(10)} m_{010}^{(20)} - 3(m_{100}^{(21)})^2 m_{100}^{(22)} m_{010}^{(10)} m_{001}^{(10)} \\
&+(m_{100}^{(21)})^2 m_{100}^{(22)} m_{010}^{(11)} m_{001}^{(00)} + (m_{100}^{(21)})^2 m_{010}^{(00)} m_{010}^{(10)} m_{001}^{(22)} \\
&-3(m_{100}^{(21)})^2 m_{010}^{(00)} m_{010}^{(20)} m_{010}^{(22)} + 2(m_{100}^{(21)})^2 m_{010}^{(00)} m_{010}^{(20)} m_{001}^{(21)} \\
&-(m_{100}^{(21)})^2 m_{010}^{(00)} m_{010}^{(22)} m_{001}^{(10)} - 3(m_{100}^{(21)})^2 m_{010}^{(00)} m_{001}^{(11)} m_{001}^{(20)} \\
&-5(m_{100}^{(21)})^2 m_{010}^{(10)} m_{010}^{(20)} m_{001}^{(20)} + 3(m_{100}^{(21)})^2 m_{010}^{(10)} m_{010}^{(22)} m_{001}^{(00)} \\
&+5(m_{100}^{(21)})^2 m_{010}^{(10)} m_{001}^{(10)} m_{001}^{(20)} - (m_{100}^{(21)})^2 m_{010}^{(11)} m_{001}^{(00)} m_{001}^{(20)} + 3(m_{100}^{(21)})^2 (m_{010}^{(20)})^3 \\
&+(m_{100}^{(21)})^2 m_{010}^{(20)} m_{001}^{(00)} m_{001}^{(11)} - 2(m_{100}^{(21)})^2 m_{010}^{(21)} m_{001}^{(00)} m_{001}^{(10)} \\
&+3(m_{100}^{(21)})^2 m_{001}^{(00)} m_{001}^{(10)} m_{001}^{(11)} - 3(m_{100}^{(21)})^2 (m_{001}^{(10)})^3 - 2m_{100}^{(21)} m_{100}^{(22)} m_{010}^{(00)} m_{010}^{(10)} m_{001}^{(21)} \\
&+2m_{100}^{(21)} m_{100}^{(22)} m_{010}^{(00)} m_{010}^{(11)} m_{001}^{(20)} + 2m_{100}^{(21)} m_{100}^{(22)} m_{010}^{(00)} m_{010}^{(20)} m_{010}^{(21)} \\
&+2m_{100}^{(21)} m_{100}^{(22)} m_{010}^{(00)} m_{010}^{(21)} m_{001}^{(10)} - 2m_{100}^{(21)} m_{100}^{(22)} m_{010}^{(10)} (m_{010}^{(20)})^2 \\
&-2m_{100}^{(21)} m_{100}^{(22)} m_{010}^{(10)} m_{010}^{(21)} m_{001}^{(00)} - 2m_{100}^{(21)} m_{100}^{(22)} m_{010}^{(10)} m_{001}^{(00)} m_{001}^{(11)} \\
&+2m_{100}^{(21)} m_{100}^{(22)} m_{010}^{(10)} (m_{001}^{(10)})^2 - m_{100}^{(21)} (m_{010}^{(00)})^2 m_{010}^{(21)} m_{001}^{(22)} \\
&+3m_{100}^{(21)} (m_{010}^{(00)})^2 m_{010}^{(22)} m_{001}^{(21)} - m_{100}^{(21)} (m_{010}^{(00)})^2 m_{001}^{(11)} m_{001}^{(22)} - m_{100}^{(21)} (m_{010}^{(00)})^2 (m_{001}^{(21)})^2 \\
&+m_{100}^{(21)} m_{010}^{(00)} m_{010}^{(10)} m_{010}^{(20)} m_{001}^{(22)} - 3m_{100}^{(21)} m_{010}^{(00)} m_{010}^{(10)} m_{010}^{(22)} m_{001}^{(20)} \\
&-m_{100}^{(21)} m_{010}^{(00)} m_{010}^{(10)} m_{001}^{(10)} m_{001}^{(22)} + 3m_{100}^{(21)} m_{010}^{(00)} m_{010}^{(10)} m_{010}^{(20)} m_{001}^{(21)} \\
&-2m_{100}^{(21)} m_{010}^{(00)} m_{010}^{(11)} (m_{001}^{(20)})^2 - 3m_{100}^{(21)} m_{010}^{(00)} (m_{010}^{(20)})^2 m_{001}^{(21)} \\
&+3m_{100}^{(21)} m_{010}^{(00)} m_{010}^{(20)} m_{010}^{(21)} m_{001}^{(20)} + 2m_{100}^{(21)} m_{010}^{(00)} m_{010}^{(20)} m_{001}^{(11)} m_{001}^{(20)} \\
&-2m_{100}^{(21)} m_{010}^{(00)} m_{010}^{(21)} m_{010}^{(22)} m_{001}^{(00)} + m_{100}^{(21)} m_{010}^{(00)} m_{010}^{(21)} m_{001}^{(10)} m_{001}^{(20)} \\
&+m_{100}^{(21)} m_{010}^{(00)} m_{010}^{(22)} (m_{001}^{(10)})^2 + 2m_{100}^{(21)} m_{010}^{(00)} m_{001}^{(00)} m_{001}^{(11)} m_{001}^{(21)} \\
&-2m_{100}^{(21)} m_{010}^{(00)} m_{001}^{(10)} m_{001}^{(11)} m_{001}^{(20)} + 2m_{100}^{(21)} (m_{010}^{(10)})^2 m_{001}^{(00)} m_{001}^{(22)} \\
&+2m_{100}^{(21)} m_{010}^{(10)} m_{010}^{(20)} m_{010}^{(22)} m_{001}^{(00)} - m_{100}^{(21)} m_{010}^{(10)} m_{010}^{(20)} m_{001}^{(00)} m_{001}^{(21)} \\
&-3m_{100}^{(21)} m_{010}^{(10)} m_{010}^{(21)} m_{001}^{(00)} m_{001}^{(20)} - 2m_{100}^{(21)} m_{010}^{(10)} m_{010}^{(22)} m_{001}^{(00)} m_{001}^{(10)} \\
&-3m_{100}^{(21)} m_{010}^{(10)} m_{001}^{(00)} m_{001}^{(10)} m_{001}^{(21)} + 3m_{100}^{(21)} m_{010}^{(10)} m_{001}^{(00)} m_{001}^{(11)} m_{001}^{(20)} \\
&+m_{100}^{(21)} m_{010}^{(11)} m_{010}^{(20)} m_{001}^{(00)} m_{001}^{(20)} + m_{100}^{(21)} m_{010}^{(11)} m_{010}^{(22)} (m_{001}^{(00)})^2 \\
&+m_{100}^{(21)} m_{010}^{(11)} (m_{001}^{(00)})^2 m_{001}^{(21)} - m_{100}^{(21)} m_{010}^{(11)} m_{001}^{(00)} m_{001}^{(10)} m_{001}^{(20)} \\
&-m_{100}^{(21)} (m_{010}^{(20)})^2 m_{001}^{(00)} m_{001}^{(11)} + m_{100}^{(21)} (m_{010}^{(21)})^2 (m_{001}^{(00)})^2 - 3m_{100}^{(21)} m_{010}^{(21)} (m_{001}^{(00)})^2 m_{001}^{(11)} \\
&+3m_{100}^{(21)} m_{010}^{(21)} m_{001}^{(00)} (m_{001}^{(10)})^2 + (m_{100}^{(22)})^2 m_{010}^{(00)} m_{010}^{(10)} m_{001}^{(11)} \\
&-(m_{100}^{(22)})^2 m_{010}^{(00)} m_{010}^{(11)} m_{010}^{(20)} - (m_{100}^{(22)})^2 m_{010}^{(00)} m_{010}^{(11)} m_{001}^{(10)} + (m_{100}^{(22)})^2 (m_{010}^{(10)})^2 m_{010}^{(20)} \\
&-(m_{100}^{(22)})^2 (m_{010}^{(10)})^2 m_{001}^{(10)} + (m_{100}^{(22)})^2 m_{010}^{(10)} m_{010}^{(11)} m_{001}^{(00)} + m_{100}^{(22)} (m_{010}^{(00)})^2 m_{010}^{(11)} m_{001}^{(22)} \\
&-m_{100}^{(22)} (m_{010}^{(00)})^2 m_{010}^{(21)} m_{001}^{(21)} - m_{100}^{(22)} (m_{010}^{(00)})^2 m_{010}^{(22)} m_{001}^{(11)} \\
&+m_{100}^{(22)} (m_{010}^{(00)})^2 m_{001}^{(11)} m_{001}^{(21)} - m_{100}^{(22)} m_{010}^{(00)} (m_{010}^{(10)})^2 m_{001}^{(22)} \\
&+m_{100}^{(22)} m_{010}^{(00)} m_{010}^{(10)} m_{010}^{(20)} m_{001}^{(21)} + m_{100}^{(22)} m_{010}^{(00)} m_{010}^{(10)} m_{010}^{(21)} m_{001}^{(20)} \\
&+2m_{100}^{(22)} m_{010}^{(00)} m_{010}^{(10)} m_{010}^{(22)} m_{001}^{(10)} + m_{100}^{(22)} m_{010}^{(00)} m_{010}^{(10)} m_{001}^{(10)} m_{001}^{(21)} \\
&-3m_{100}^{(22)} m_{010}^{(00)} m_{010}^{(10)} m_{001}^{(11)} m_{001}^{(20)} - m_{100}^{(22)} m_{010}^{(00)} m_{010}^{(11)} m_{010}^{(20)} m_{001}^{(20)} \\
&-2m_{100}^{(22)} m_{010}^{(00)} m_{010}^{(11)} m_{001}^{(00)} m_{001}^{(21)} + 3m_{100}^{(22)} m_{010}^{(00)} m_{010}^{(11)} m_{001}^{(10)} m_{001}^{(20)} \\
&+m_{100}^{(22)} m_{010}^{(00)} (m_{010}^{(20)})^2 m_{001}^{(11)} - 2m_{100}^{(22)} m_{010}^{(00)} m_{010}^{(20)} m_{010}^{(21)} m_{001}^{(10)} \\
&+m_{100}^{(22)} m_{010}^{(00)} (m_{010}^{(21)})^2 m_{001}^{(00)} + 2m_{100}^{(22)} m_{010}^{(00)} m_{010}^{(21)} m_{001}^{(00)} m_{001}^{(11)} \\
&-3m_{100}^{(22)} m_{010}^{(00)} m_{010}^{(21)} (m_{001}^{(10)})^2 - m_{100}^{(22)} m_{010}^{(00)} m_{001}^{(00)} (m_{001}^{(11)})^2
\end{aligned}
$$

$$
\begin{aligned}
&+m_{100}^{(22)}m_{010}^{(00)}(m_{001}^{(10)})^2m_{001}^{(11)} - m_{100}^{(22)}(m_{010}^{(10)})^2m_{010}^{(22)}m_{001}^{(00)}\\
&+2m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(10)} - m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(21)}(m_{001}^{(00)})^2\\
&+m_{100}^{(22)}m_{010}^{(11)}(m_{001}^{(00)})^2m_{001}^{(11)} - m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(00)}(m_{001}^{(10)})^2\\
&-(m_{010}^{(00)})^2m_{010}^{(11)}m_{001}^{(20)}m_{001}^{(22)} + 3(m_{010}^{(00)})^2m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(22)}\\
&-(m_{010}^{(00)})^2m_{010}^{(21)}m_{001}^{(20)}m_{001}^{(21)} - 3(m_{010}^{(00)})^2m_{010}^{(22)}m_{001}^{(10)}m_{001}^{(21)}\\
&+2(m_{010}^{(00)})^2m_{010}^{(22)}m_{001}^{(11)}m_{001}^{(20)} - (m_{010}^{(00)})^2m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(22)} + (m_{010}^{(00)})^2m_{001}^{(10)}(m_{001}^{(21)})^2\\
&+m_{010}^{(00)}(m_{010}^{(10)})^2m_{001}^{(20)}m_{001}^{(22)} - 3m_{010}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(22)}\\
&+m_{010}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{001}^{(21)} - 3m_{010}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(22)}\\
&+m_{010}^{(00)}m_{010}^{(10)}m_{010}^{(21)}(m_{001}^{(20)})^2 + 3m_{010}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(21)}\\
&-m_{010}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{001}^{(20)} + m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(22)}\\
&-m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(00)}(m_{001}^{(21)})^2 + 2m_{010}^{(00)}m_{010}^{(10)}(m_{001}^{(10)})^2m_{001}^{(22)}\\
&-2m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{001}^{(21)} + m_{010}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(22)}\\
&+2m_{010}^{(00)}m_{010}^{(11)}m_{010}^{(20)}(m_{001}^{(20)})^2 - m_{010}^{(00)}m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(20)}\\
&-m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(22)} + 3m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{001}^{(21)}\\
&-2m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(10)}(m_{001}^{(20)})^2 + 3m_{010}^{(00)}(m_{010}^{(20)})^2m_{001}^{(10)}m_{001}^{(21)}\\
&-2m_{010}^{(00)}(m_{010}^{(20)})^2m_{001}^{(11)}m_{001}^{(20)} + m_{010}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(21)}\\
&-5m_{010}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(20)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(11)}\\
&+3m_{010}^{(00)}m_{010}^{(20)}m_{010}^{(22)}(m_{001}^{(10)})^2 - 2m_{010}^{(00)}m_{010}^{(20)}(m_{001}^{(10)})^2m_{001}^{(21)}\\
&+2m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(20)} + m_{010}^{(00)}(m_{010}^{(21)})^2m_{001}^{(00)}m_{001}^{(20)}\\
&-m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(21)} - 3m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(20)}\\
&+4m_{010}^{(00)}m_{010}^{(21)}(m_{001}^{(10)})^2m_{001}^{(20)} + 2m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(11)}\\
&-2m_{010}^{(00)}m_{010}^{(22)}(m_{001}^{(10)})^3 + 2(m_{010}^{(10)})^2m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(22)} - 3(m_{010}^{(10)})^2m_{010}^{(20)}(m_{001}^{(20)})^2\\
&-2(m_{010}^{(10)})^2m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(22)} - (m_{010}^{(10)})^2m_{001}^{(00)}m_{001}^{(20)}m_{001}^{(21)}\\
&+3(m_{010}^{(10)})^2m_{001}^{(10)}(m_{001}^{(20)})^2 + m_{010}^{(10)}m_{010}^{(11)}(m_{001}^{(00)})^2m_{001}^{(22)}\\
&-m_{010}^{(10)}m_{010}^{(11)}m_{001}^{(00)}(m_{001}^{(20)})^2 - 4m_{010}^{(10)}(m_{010}^{(20)})^2m_{001}^{(00)}m_{001}^{(21)}\\
&+6m_{010}^{(10)}(m_{010}^{(20)})^2m_{001}^{(10)}m_{001}^{(20)} + 2m_{010}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(20)}\\
&-2m_{010}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(10)} + 5m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(21)}\\
&+m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(20)} - 6m_{010}^{(10)}m_{010}^{(20)}(m_{001}^{(10)})^2m_{001}^{(20)}\\
&+m_{010}^{(10)}m_{010}^{(21)}(m_{001}^{(00)})^2m_{001}^{(21)} - m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(20)}\\
&-2m_{010}^{(10)}m_{010}^{(22)}(m_{001}^{(00)})^2m_{001}^{(11)} + 2m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(00)}(m_{001}^{(10)})^2\\
&-2m_{010}^{(11)}(m_{010}^{(20)})^2m_{001}^{(00)}m_{001}^{(20)} + m_{010}^{(11)}m_{010}^{(20)}m_{010}^{(22)}(m_{001}^{(00)})^2\\
&-3m_{010}^{(11)}m_{010}^{(20)}(m_{001}^{(00)})^2m_{001}^{(21)} + 3m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(20)}\\
&+2(m_{010}^{(20)})^3m_{001}^{(00)}m_{001}^{(11)} - 3(m_{010}^{(20)})^3(m_{001}^{(10)})^2 + 2(m_{010}^{(20)})^2m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(10)}\\
&-3(m_{010}^{(20)})^2m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(11)} + 3(m_{010}^{(20)})^2(m_{001}^{(10)})^3 - m_{010}^{(20)}(m_{010}^{(21)})^2(m_{001}^{(00)})^2\\
&+3m_{010}^{(20)}m_{010}^{(21)}(m_{001}^{(00)})^2m_{001}^{(11)} - 3m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(00)}(m_{001}^{(10)})^2
\end{aligned}
$$

Generating graph:

$V1$	1	$V1$	$V2$	2
$V2$	$V3$	3	$V4$	$V5$
$V3$	$V4$	4	$V5$	5



$$
\begin{aligned}
T_{25} \;=\;& m_{000}^{(00)} m_{020}^{(22)} - 2m_{000}^{(00)} m_{011}^{(21)} + m_{000}^{(00)} m_{002}^{(11)} - 2m_{000}^{(10)} m_{110}^{(22)} + 2m_{000}^{(10)} m_{101}^{(21)} + 2m_{000}^{(10)} m_{011}^{(20)} \\
& -2m_{000}^{(10)} m_{002}^{(10)} + m_{000}^{(11)} m_{200}^{(22)} - 2m_{000}^{(11)} m_{101}^{(20)} + m_{000}^{(11)} m_{002}^{(00)} + 2m_{000}^{(20)} m_{110}^{(21)} - 2m_{000}^{(20)} m_{101}^{(11)} \\
& -2m_{000}^{(20)} m_{020}^{(20)} + 2m_{000}^{(20)} m_{011}^{(10)} - 2m_{000}^{(21)} m_{200}^{(21)} + 2m_{000}^{(21)} m_{110}^{(20)} + 2m_{000}^{(21)} m_{101}^{(10)} \\
& -2m_{000}^{(21)} m_{011}^{(00)} + m_{000}^{(22)} m_{200}^{(11)} - 2m_{000}^{(22)} m_{110}^{(10)} + m_{000}^{(22)} m_{020}^{(00)}
\end{aligned}
$$

Generating graph:

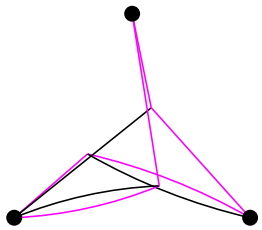
$$
\begin{array}{cc}
V1 & V1 \\
1 & 1 \\
V2 & V2
\end{array}
$$

$$
\begin{aligned}
T_{26} \;=\;& m_{000}^{(00)} m_{100}^{(11)} m_{011}^{(22)} - m_{000}^{(00)} m_{100}^{(11)} m_{002}^{(21)} - m_{000}^{(00)} m_{100}^{(21)} m_{020}^{(22)} + m_{000}^{(00)} m_{100}^{(21)} m_{002}^{(11)} \\
& +m_{000}^{(00)} m_{100}^{(22)} m_{020}^{(21)} - m_{000}^{(00)} m_{100}^{(22)} m_{011}^{(11)} - m_{000}^{(00)} m_{010}^{(10)} m_{011}^{(22)} + m_{000}^{(00)} m_{010}^{(10)} m_{002}^{(21)} \\
& +m_{000}^{(00)} m_{010}^{(20)} m_{020}^{(22)} - m_{000}^{(00)} m_{010}^{(20)} m_{011}^{(21)} + m_{000}^{(00)} m_{010}^{(21)} m_{011}^{(20)} - m_{000}^{(00)} m_{010}^{(21)} m_{002}^{(10)} \\
& -m_{000}^{(00)} m_{010}^{(22)} m_{020}^{(20)} + m_{000}^{(00)} m_{010}^{(22)} m_{011}^{(10)} + m_{000}^{(00)} m_{001}^{(10)} m_{011}^{(21)} - m_{000}^{(00)} m_{001}^{(10)} m_{002}^{(11)} \\
& -m_{000}^{(00)} m_{001}^{(11)} m_{011}^{(20)} + m_{000}^{(00)} m_{001}^{(11)} m_{002}^{(10)} - m_{000}^{(00)} m_{001}^{(20)} m_{020}^{(21)} + m_{000}^{(00)} m_{001}^{(20)} m_{011}^{(11)} \\
& +m_{000}^{(00)} m_{001}^{(21)} m_{020}^{(20)} - m_{000}^{(00)} m_{001}^{(21)} m_{011}^{(10)} - m_{000}^{(10)} m_{100}^{(10)} m_{011}^{(22)} + m_{000}^{(10)} m_{100}^{(10)} m_{002}^{(21)} \\
& -m_{000}^{(10)} m_{100}^{(11)} m_{101}^{(22)} + m_{000}^{(10)} m_{100}^{(11)} m_{002}^{(20)} + m_{000}^{(10)} m_{100}^{(20)} m_{011}^{(21)} - m_{000}^{(10)} m_{100}^{(20)} m_{002}^{(11)} \\
& +2m_{000}^{(10)} m_{100}^{(21)} m_{110}^{(22)} - m_{000}^{(10)} m_{100}^{(21)} m_{011}^{(20)} - m_{000}^{(10)} m_{100}^{(21)} m_{002}^{(10)} - 2m_{000}^{(10)} m_{100}^{(22)} m_{110}^{(21)} \\
& +m_{000}^{(10)} m_{100}^{(22)} m_{101}^{(11)} + m_{000}^{(10)} m_{100}^{(22)} m_{011}^{(10)} + m_{000}^{(10)} m_{010}^{(00)} m_{011}^{(22)} - m_{000}^{(10)} m_{010}^{(00)} m_{002}^{(21)}
\end{aligned}
$$

$$
\begin{aligned}
&+m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(22)} - m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(20)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(22)} + m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(21)} \\
&+m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(10)} - m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(20)} + m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(00)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(20)} \\
&-m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(10)} - m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(00)} - m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(21)} + m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(11)} \\
&-m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(21)} + m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(20)} + m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(20)} - m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(00)} \\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(21)} - m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(11)} - m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(10)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(20)} \\
&+m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(10)} + m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(00)} + m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(22)} - m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(20)} \\
&-m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(21)} + m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(10)} - m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(22)} + m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(20)} \\
&+m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(21)} - m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(10)} - m_{000}^{(11)}m_{010}^{(00)}m_{101}^{(22)} + m_{000}^{(11)}m_{010}^{(00)}m_{002}^{(20)} \\
&+m_{000}^{(11)}m_{010}^{(20)}m_{200}^{(22)} - m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(00)} - m_{000}^{(11)}m_{010}^{(22)}m_{200}^{(20)} + m_{000}^{(11)}m_{010}^{(22)}m_{101}^{(00)} \\
&+m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(21)} - m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(10)} - m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(20)} + m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(00)} \\
&-m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(21)} + m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(10)} + m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(20)} - m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(00)} \\
&+m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(22)} - m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(21)} - m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(22)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(21)} \\
&-m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(20)} - m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(21)} + m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(11)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(11)} \\
&+m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(20)} + m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(10)} + m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(11)} - m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(10)} \\
&-m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(22)} + m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(21)} + m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(22)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(21)} \\
&+m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(20)} + m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(21)} - m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(10)} - m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(20)} \\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(10)} - m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(00)} - m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(10)} + m_{000}^{(20)}m_{010}^{(22)}m_{020}^{(00)} \\
&+m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(21)} - m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(11)} - m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(21)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(11)} \\
&-m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(20)} + m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(20)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(10)} + m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(00)} \\
&-m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(11)} + m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(10)} + m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(10)} - m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(00)} \\
&-m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(22)} - m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(21)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(20)} + m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(22)} \\
&-m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(20)} + m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(21)} + m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(11)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(10)} \\
&-m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(20)} + m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(11)} + m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(10)} \\
&+m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(22)} + m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(21)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(20)} - m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(22)} \\
&+m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(20)} - m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(21)} - m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(10)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(00)} \\
&+m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(20)} - m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(00)} + m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(10)} - m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(00)} \\
&-m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(21)} - m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(11)} + 2m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(10)} + m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(21)} \\
&+m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(20)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(00)} - m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(20)} + m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(00)} \\
&+m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(11)} - m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(10)} - m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(10)} + m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(00)} \\
&+m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(20)} - m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(21)} + m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(20)} \\
&-m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(11)} + m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(10)} + m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(11)} - m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(10)} \\
&-m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(21)} + m_{000}^{(22)}m_{010}^{(00)}m_{020}^{(20)} + m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(21)} - m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(20)} \\
&+m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(00)} - m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(10)} + m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(00)} \\
&+m_{000}^{(22)}m_{001}^{(00)}m_{110}^{(11)} - m_{000}^{(22)}m_{001}^{(00)}m_{020}^{(10)} - m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(11)} + m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(00)} \\
&+m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(10)} - m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{rrr}
V1 & 1 & V1 \\
1 & V2 & V3 \\
V2 & V3 & 3
\end{array}
$$

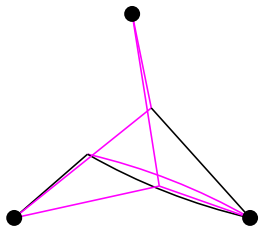


$$
\begin{aligned}
T_{27} \;=\;& -m_{000}^{(00)} m_{100}^{(11)} m_{011}^{(22)} + m_{000}^{(00)} m_{100}^{(11)} m_{002}^{(21)} + m_{000}^{(00)} m_{100}^{(21)} m_{020}^{(22)} - m_{000}^{(00)} m_{100}^{(21)} m_{002}^{(11)} \\
& - m_{000}^{(00)} m_{100}^{(22)} m_{020}^{(21)} + m_{000}^{(00)} m_{100}^{(22)} m_{011}^{(11)} + m_{000}^{(00)} m_{010}^{(11)} m_{101}^{(22)} - m_{000}^{(00)} m_{010}^{(11)} m_{002}^{(20)} \\
& - m_{000}^{(00)} m_{010}^{(21)} m_{110}^{(22)} - m_{000}^{(00)} m_{010}^{(21)} m_{101}^{(21)} + m_{000}^{(00)} m_{010}^{(21)} m_{011}^{(20)} + m_{000}^{(00)} m_{010}^{(21)} m_{002}^{(10)} \\
& + m_{000}^{(00)} m_{010}^{(22)} m_{110}^{(21)} - m_{000}^{(00)} m_{010}^{(22)} m_{011}^{(10)} - m_{000}^{(00)} m_{001}^{(11)} m_{101}^{(21)} + m_{000}^{(00)} m_{001}^{(11)} m_{011}^{(20)} \\
& + m_{000}^{(00)} m_{001}^{(21)} m_{110}^{(21)} + m_{000}^{(00)} m_{001}^{(21)} m_{101}^{(11)} - m_{000}^{(00)} m_{001}^{(21)} m_{020}^{(20)} - m_{000}^{(00)} m_{001}^{(21)} m_{011}^{(10)} \\
& - m_{000}^{(00)} m_{001}^{(22)} m_{110}^{(11)} + m_{000}^{(00)} m_{001}^{(22)} m_{020}^{(10)} + 2m_{000}^{(10)} m_{100}^{(10)} m_{011}^{(22)} - 2m_{000}^{(10)} m_{100}^{(10)} m_{002}^{(21)} \\
& - m_{000}^{(10)} m_{100}^{(20)} m_{020}^{(22)} + m_{000}^{(10)} m_{100}^{(20)} m_{002}^{(11)} - m_{000}^{(10)} m_{100}^{(21)} m_{110}^{(22)} + m_{000}^{(10)} m_{100}^{(21)} m_{101}^{(21)} \\
& - m_{000}^{(10)} m_{100}^{(21)} m_{011}^{(20)} + m_{000}^{(10)} m_{100}^{(21)} m_{002}^{(10)} + m_{000}^{(10)} m_{100}^{(22)} m_{110}^{(21)} - m_{000}^{(10)} m_{100}^{(22)} m_{101}^{(11)} \\
& + m_{000}^{(10)} m_{100}^{(22)} m_{020}^{(20)} - m_{000}^{(10)} m_{100}^{(22)} m_{011}^{(10)} - 2m_{000}^{(10)} m_{010}^{(10)} m_{101}^{(22)} + 2m_{000}^{(10)} m_{010}^{(10)} m_{002}^{(20)} \\
& + m_{000}^{(10)} m_{010}^{(20)} m_{110}^{(22)} + m_{000}^{(10)} m_{010}^{(20)} m_{101}^{(21)} - m_{000}^{(10)} m_{010}^{(20)} m_{011}^{(20)} - m_{000}^{(10)} m_{010}^{(20)} m_{002}^{(10)} \\
& + m_{000}^{(10)} m_{010}^{(21)} m_{200}^{(22)} - m_{000}^{(10)} m_{010}^{(21)} m_{002}^{(00)} - m_{000}^{(10)} m_{010}^{(22)} m_{200}^{(21)} - m_{000}^{(10)} m_{010}^{(22)} m_{110}^{(20)} \\
& + m_{000}^{(10)} m_{010}^{(22)} m_{101}^{(10)} + m_{000}^{(10)} m_{010}^{(22)} m_{011}^{(00)} + 2m_{000}^{(10)} m_{001}^{(10)} m_{101}^{(21)} - 2m_{000}^{(10)} m_{001}^{(10)} m_{011}^{(20)} \\
& - m_{000}^{(10)} m_{001}^{(20)} m_{110}^{(21)} - m_{000}^{(10)} m_{001}^{(20)} m_{101}^{(11)} + m_{000}^{(10)} m_{001}^{(20)} m_{020}^{(20)} + m_{000}^{(10)} m_{001}^{(20)} m_{011}^{(10)} \\
& - m_{000}^{(10)} m_{001}^{(21)} m_{200}^{(21)} + m_{000}^{(10)} m_{001}^{(21)} m_{110}^{(20)} - m_{000}^{(10)} m_{001}^{(21)} m_{101}^{(10)} + m_{000}^{(10)} m_{001}^{(21)} m_{011}^{(00)} \\
& + m_{000}^{(10)} m_{001}^{(22)} m_{200}^{(11)} - m_{000}^{(10)} m_{001}^{(22)} m_{020}^{(00)} - m_{000}^{(11)} m_{100}^{(00)} m_{011}^{(22)} + m_{000}^{(11)} m_{100}^{(00)} m_{002}^{(21)} \\
& + m_{000}^{(11)} m_{100}^{(20)} m_{110}^{(22)} - m_{000}^{(11)} m_{100}^{(20)} m_{101}^{(21)} + m_{000}^{(11)} m_{100}^{(20)} m_{011}^{(20)} - m_{000}^{(11)} m_{100}^{(20)} m_{002}^{(10)} \\
& - m_{000}^{(11)} m_{100}^{(22)} m_{110}^{(20)} + m_{000}^{(11)} m_{100}^{(22)} m_{101}^{(10)} + m_{000}^{(11)} m_{010}^{(00)} m_{101}^{(22)} - m_{000}^{(11)} m_{010}^{(00)} m_{002}^{(20)} \\
& - m_{000}^{(11)} m_{010}^{(20)} m_{200}^{(22)} + m_{000}^{(11)} m_{010}^{(20)} m_{002}^{(00)} + m_{000}^{(11)} m_{010}^{(22)} m_{200}^{(20)} - m_{000}^{(11)} m_{010}^{(22)} m_{101}^{(00)} \\
& - m_{000}^{(11)} m_{001}^{(00)} m_{101}^{(21)} + m_{000}^{(11)} m_{001}^{(00)} m_{011}^{(20)} + m_{000}^{(11)} m_{001}^{(20)} m_{200}^{(21)} - m_{000}^{(11)} m_{001}^{(20)} m_{110}^{(20)} \\
& + m_{000}^{(11)} m_{001}^{(20)} m_{101}^{(10)} - m_{000}^{(11)} m_{001}^{(20)} m_{011}^{(00)} - m_{000}^{(11)} m_{001}^{(22)} m_{200}^{(10)} + m_{000}^{(11)} m_{001}^{(22)} m_{110}^{(00)} \\
& - m_{000}^{(20)} m_{100}^{(10)} m_{020}^{(22)} + m_{000}^{(20)} m_{100}^{(10)} m_{002}^{(11)} + m_{000}^{(20)} m_{100}^{(11)} m_{110}^{(22)} - m_{000}^{(20)} m_{100}^{(11)} m_{101}^{(21)} \\
& + m_{000}^{(20)} m_{100}^{(11)} m_{011}^{(20)} - m_{000}^{(20)} m_{100}^{(11)} m_{002}^{(10)} + 2m_{000}^{(20)} m_{100}^{(20)} m_{020}^{(21)} - 2m_{000}^{(20)} m_{100}^{(20)} m_{011}^{(11)} \\
& - m_{000}^{(20)} m_{100}^{(21)} m_{110}^{(21)} + m_{000}^{(20)} m_{100}^{(21)} m_{101}^{(11)} - m_{000}^{(20)} m_{100}^{(21)} m_{020}^{(20)} + m_{000}^{(20)} m_{100}^{(21)} m_{011}^{(10)} \\
& + m_{000}^{(20)} m_{010}^{(10)} m_{110}^{(22)} + m_{000}^{(20)} m_{010}^{(10)} m_{101}^{(21)} - m_{000}^{(20)} m_{010}^{(10)} m_{011}^{(20)} - m_{000}^{(20)} m_{010}^{(10)} m_{002}^{(10)} \\
& - m_{000}^{(20)} m_{010}^{(11)} m_{200}^{(22)} + m_{000}^{(20)} m_{010}^{(11)} m_{002}^{(00)} - 2m_{000}^{(20)} m_{010}^{(20)} m_{110}^{(21)} + 2m_{000}^{(20)} m_{010}^{(20)} m_{011}^{(10)} \\
& + m_{000}^{(20)} m_{010}^{(21)} m_{200}^{(21)} + m_{000}^{(20)} m_{010}^{(21)} m_{110}^{(20)} - m_{000}^{(20)} m_{010}^{(21)} m_{101}^{(10)} - m_{000}^{(20)} m_{010}^{(21)} m_{011}^{(00)} \\
& - m_{000}^{(20)} m_{001}^{(10)} m_{110}^{(21)} - m_{000}^{(20)} m_{001}^{(10)} m_{101}^{(11)} + m_{000}^{(20)} m_{001}^{(10)} m_{020}^{(20)} + m_{000}^{(20)} m_{001}^{(10)} m_{011}^{(10)} \\
& + m_{000}^{(20)} m_{001}^{(11)} m_{200}^{(21)} - m_{000}^{(20)} m_{001}^{(11)} m_{110}^{(20)} + m_{000}^{(20)} m_{001}^{(11)} m_{101}^{(10)} - m_{000}^{(20)} m_{001}^{(11)} m_{011}^{(00)}
\end{aligned}
$$

$$
\begin{aligned}
&+2m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(11)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(10)} - m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(11)} + m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(22)} - m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(11)} - m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(22)} + m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(20)} + m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(10)} - m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(21)} + m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(20)} + m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(10)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(20)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(22)} - m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(21)} + m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(20)} + m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(22)} - m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(00)} + m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(21)} + m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(10)} - m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(00)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(20)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(21)} + m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(11)} - m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(20)} - m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(21)} + m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(20)} - m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(10)} + m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(11)} + m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(00)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(10)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(21)} + m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(11)} + m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(20)} - m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(20)} + m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(21)} - m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(10)} - m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(21)} - m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(10)} + m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(00)} + m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(20)} - m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(00)}m_{110}^{(11)} + m_{000}^{(22)}m_{001}^{(00)}m_{020}^{(10)} + m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(11)} - m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(10)} + m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{ccc}
V1 & V1 & 1\\
V2 & V2 & V3\\
V3 & 3 & 3
\end{array}
$$

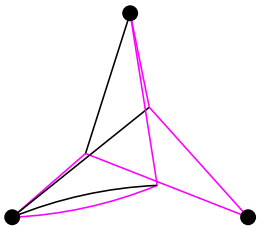


$$
\begin{aligned}
T_{28} \;=\;& -m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(22)} + m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(21)} + m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(22)} - m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{020}^{(22)} - m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(21)} - m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(22)} - m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(21)}\\
&+2m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(20)} + m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(21)} - m_{000}^{(00)}m_{010}^{(22)}m_{020}^{(20)} + m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(11)} - m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(21)} + m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(10)} - m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(11)} + m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(21)} + m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(11)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(11)} + m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(10)} + m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(22)} - m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(22)} + m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(20)} - m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(22)} + m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(21)}
\end{aligned}
$$

$$
\begin{aligned}
&+m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(22)}+m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(21)}-2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(20)}-m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(20)}+m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(22)}-m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(21)}-m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(20)}-m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(22)}+2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(21)}-m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(22)}-m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(20)}-m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(21)}+m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(21)}+m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(11)}+m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(21)}-m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(20)}-m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(00)}+m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(21)}-2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(11)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(20)}-m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(20)}-m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(20)}+2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(11)}-m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(00)}-m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(22)}+m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(22)}-m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(20)}+m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(22)}-2m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(20)}-m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(22)}+m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(20)}+m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(20)}+m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(20)}-m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(10)}-m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(00)}-m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(20)}+2m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(10)}-m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(20)}-m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(00)}-m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(10)}+m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(00)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(21)}+m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(11)}+m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(21)}-m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(21)}-m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(11)}-m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(21)}-m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(10)}+m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(11)}-m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(10)}-m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(22)}\\
&+m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(21)}+2m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(22)}-m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(21)}-m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(22)}+m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(00)}-m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(21)}+m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(21)}+m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(10)}-2m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(00)}-m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{020}^{(00)}+m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(21)}-m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(11)}-2m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(11)}+m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(10)}+m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(21)}-m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(11)}-m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(10)}-m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(11)}+m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(22)}-m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(11)}-2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(22)}+m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(10)}+m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(22)}-m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(20)}+2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(20)}-m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(10)}+m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(20)}-m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(11)}+m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(10)}-m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(20)}+m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(20)}-m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(00)}+m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(20)}-2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(00)}-m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(20)}+m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(00)}+m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(00)}-m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(20)}+m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(10)}+2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(10)}-m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(00)}-m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(20)}+m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(10)}+m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(00)}+m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(10)}-m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(21)}+m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(11)}+2m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(21)}-m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(10)}-m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(21)}+m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(10)}-m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(10)}+m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(11)}-m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(10)}+m_{000}^{(22)}m_{010}^{(00)}m_{020}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(20)}-2m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(20)}+m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(10)}+m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(20)}-m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(00)}+m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(10)}-m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(10)}+m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(00)}
\end{aligned}
$$

Generating graph:

$$\begin{array}{rrr} V1 & 1 & V1 \\ 1 & V2 & 2 \\ V2 & V3 & V3 \end{array}$$

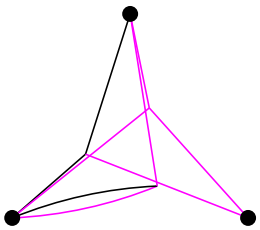


$$
\begin{aligned}
T_{29} \;=\;& -m_{000}^{(00)} m_{010}^{(10)} m_{011}^{(22)} + m_{000}^{(00)} m_{010}^{(10)} m_{002}^{(21)} + m_{000}^{(00)} m_{010}^{(11)} m_{101}^{(22)} - m_{000}^{(00)} m_{010}^{(11)} m_{002}^{(20)} \\
& + m_{000}^{(00)} m_{010}^{(20)} m_{011}^{(21)} - m_{000}^{(00)} m_{010}^{(20)} m_{002}^{(11)} - 2m_{000}^{(00)} m_{010}^{(21)} m_{101}^{(21)} + m_{000}^{(00)} m_{010}^{(21)} m_{011}^{(20)} \\
& + m_{000}^{(00)} m_{010}^{(21)} m_{002}^{(10)} + m_{000}^{(00)} m_{010}^{(22)} m_{101}^{(11)} - m_{000}^{(00)} m_{010}^{(22)} m_{011}^{(10)} + m_{000}^{(00)} m_{001}^{(10)} m_{020}^{(22)} \\
& - m_{000}^{(00)} m_{001}^{(10)} m_{011}^{(21)} - m_{000}^{(00)} m_{001}^{(11)} m_{110}^{(22)} + m_{000}^{(00)} m_{001}^{(11)} m_{011}^{(20)} - m_{000}^{(00)} m_{001}^{(20)} m_{020}^{(21)} \\
& + m_{000}^{(00)} m_{001}^{(20)} m_{011}^{(11)} + 2m_{000}^{(00)} m_{001}^{(21)} m_{110}^{(21)} - m_{000}^{(00)} m_{001}^{(21)} m_{020}^{(20)} - m_{000}^{(00)} m_{001}^{(21)} m_{011}^{(10)} \\
& - m_{000}^{(00)} m_{001}^{(22)} m_{110}^{(11)} + m_{000}^{(00)} m_{001}^{(22)} m_{020}^{(10)} + m_{000}^{(10)} m_{100}^{(10)} m_{011}^{(22)} - m_{000}^{(10)} m_{100}^{(10)} m_{002}^{(21)} \\
& - m_{000}^{(10)} m_{100}^{(11)} m_{101}^{(22)} + m_{000}^{(10)} m_{100}^{(11)} m_{002}^{(20)} - m_{000}^{(10)} m_{100}^{(20)} m_{011}^{(21)} + m_{000}^{(10)} m_{100}^{(20)} m_{002}^{(11)} \\
& + 2m_{000}^{(10)} m_{100}^{(21)} m_{101}^{(21)} - m_{000}^{(10)} m_{100}^{(21)} m_{011}^{(20)} - m_{000}^{(10)} m_{100}^{(21)} m_{002}^{(10)} - m_{000}^{(10)} m_{100}^{(22)} m_{101}^{(11)} \\
& + m_{000}^{(10)} m_{100}^{(22)} m_{011}^{(10)} + m_{000}^{(10)} m_{010}^{(00)} m_{011}^{(22)} - m_{000}^{(10)} m_{010}^{(00)} m_{002}^{(21)} - m_{000}^{(10)} m_{010}^{(10)} m_{101}^{(22)} \\
& + m_{000}^{(10)} m_{010}^{(10)} m_{002}^{(20)} + m_{000}^{(10)} m_{010}^{(20)} m_{101}^{(21)} - 2m_{000}^{(10)} m_{010}^{(20)} m_{011}^{(20)} + m_{000}^{(10)} m_{010}^{(20)} m_{002}^{(10)} \\
& + m_{000}^{(10)} m_{010}^{(21)} m_{101}^{(20)} - m_{000}^{(10)} m_{010}^{(21)} m_{002}^{(00)} - m_{000}^{(10)} m_{010}^{(22)} m_{101}^{(10)} + m_{000}^{(10)} m_{010}^{(22)} m_{011}^{(00)} \\
& - m_{000}^{(10)} m_{001}^{(00)} m_{020}^{(22)} + m_{000}^{(10)} m_{001}^{(00)} m_{011}^{(21)} + m_{000}^{(10)} m_{001}^{(10)} m_{101}^{(21)} - m_{000}^{(10)} m_{001}^{(10)} m_{011}^{(20)} \\
& + m_{000}^{(10)} m_{001}^{(11)} m_{200}^{(22)} - m_{000}^{(10)} m_{001}^{(11)} m_{101}^{(20)} - m_{000}^{(10)} m_{001}^{(20)} m_{101}^{(11)} + 2m_{000}^{(10)} m_{001}^{(20)} m_{020}^{(20)} \\
& - m_{000}^{(10)} m_{001}^{(20)} m_{011}^{(10)} - 2m_{000}^{(10)} m_{001}^{(21)} m_{200}^{(21)} + m_{000}^{(10)} m_{001}^{(21)} m_{101}^{(10)} + m_{000}^{(10)} m_{001}^{(21)} m_{011}^{(00)} \\
& + m_{000}^{(10)} m_{001}^{(22)} m_{200}^{(11)} - m_{000}^{(10)} m_{001}^{(22)} m_{020}^{(00)} - m_{000}^{(11)} m_{100}^{(00)} m_{011}^{(22)} + m_{000}^{(11)} m_{100}^{(00)} m_{002}^{(21)} \\
& + m_{000}^{(11)} m_{100}^{(10)} m_{101}^{(22)} - m_{000}^{(11)} m_{100}^{(10)} m_{002}^{(20)} - m_{000}^{(11)} m_{100}^{(20)} m_{101}^{(21)} + 2m_{000}^{(11)} m_{100}^{(20)} m_{011}^{(20)} \\
& - m_{000}^{(11)} m_{100}^{(20)} m_{002}^{(10)} - m_{000}^{(11)} m_{100}^{(21)} m_{101}^{(20)} + m_{000}^{(11)} m_{100}^{(21)} m_{002}^{(00)} + m_{000}^{(11)} m_{100}^{(22)} m_{101}^{(10)} \\
& - m_{000}^{(11)} m_{100}^{(22)} m_{011}^{(00)} + m_{000}^{(11)} m_{001}^{(00)} m_{110}^{(22)} - m_{000}^{(11)} m_{001}^{(00)} m_{101}^{(21)} - m_{000}^{(11)} m_{001}^{(10)} m_{200}^{(22)} \\
& + m_{000}^{(11)} m_{001}^{(10)} m_{101}^{(20)} + m_{000}^{(11)} m_{001}^{(20)} m_{200}^{(21)} - 2m_{000}^{(11)} m_{001}^{(20)} m_{110}^{(20)} + m_{000}^{(11)} m_{001}^{(20)} m_{101}^{(10)} \\
& + m_{000}^{(11)} m_{001}^{(21)} m_{200}^{(20)} - m_{000}^{(11)} m_{001}^{(21)} m_{101}^{(00)} - m_{000}^{(11)} m_{001}^{(22)} m_{200}^{(10)} + m_{000}^{(11)} m_{001}^{(22)} m_{110}^{(00)} \\
& - m_{000}^{(20)} m_{100}^{(10)} m_{020}^{(22)} + m_{000}^{(20)} m_{100}^{(10)} m_{011}^{(21)} + m_{000}^{(20)} m_{100}^{(11)} m_{110}^{(22)} - m_{000}^{(20)} m_{100}^{(11)} m_{011}^{(20)} \\
& + m_{000}^{(20)} m_{100}^{(20)} m_{020}^{(21)} - m_{000}^{(20)} m_{100}^{(20)} m_{011}^{(11)} - 2m_{000}^{(20)} m_{100}^{(21)} m_{110}^{(21)} + m_{000}^{(20)} m_{100}^{(21)} m_{020}^{(20)} \\
& + m_{000}^{(20)} m_{100}^{(21)} m_{011}^{(10)} + m_{000}^{(20)} m_{100}^{(22)} m_{110}^{(11)} - m_{000}^{(20)} m_{100}^{(22)} m_{020}^{(10)} - m_{000}^{(20)} m_{010}^{(00)} m_{011}^{(21)} \\
& + m_{000}^{(20)} m_{010}^{(00)} m_{002}^{(11)} + m_{000}^{(20)} m_{010}^{(10)} m_{110}^{(22)} + m_{000}^{(20)} m_{010}^{(10)} m_{011}^{(20)} - 2m_{000}^{(20)} m_{010}^{(10)} m_{002}^{(10)} \\
& - m_{000}^{(20)} m_{010}^{(11)} m_{200}^{(22)} + m_{000}^{(20)} m_{010}^{(11)} m_{002}^{(00)} - m_{000}^{(20)} m_{010}^{(20)} m_{110}^{(21)} + m_{000}^{(20)} m_{010}^{(20)} m_{011}^{(10)} \\
& + 2m_{000}^{(20)} m_{010}^{(21)} m_{200}^{(21)} - m_{000}^{(20)} m_{010}^{(21)} m_{110}^{(20)} - m_{000}^{(20)} m_{010}^{(21)} m_{011}^{(00)} - m_{000}^{(20)} m_{010}^{(22)} m_{200}^{(11)} \\
& + m_{000}^{(20)} m_{010}^{(22)} m_{110}^{(10)} + m_{000}^{(20)} m_{001}^{(00)} m_{020}^{(21)} - m_{000}^{(20)} m_{001}^{(00)} m_{011}^{(11)} - m_{000}^{(20)} m_{001}^{(10)} m_{110}^{(21)} \\
& - m_{000}^{(20)} m_{001}^{(10)} m_{020}^{(20)} + 2m_{000}^{(20)} m_{001}^{(10)} m_{011}^{(10)} + m_{000}^{(20)} m_{001}^{(11)} m_{110}^{(20)} - m_{000}^{(20)} m_{001}^{(11)} m_{011}^{(00)}
\end{aligned}
$$

$$
\begin{aligned}
&+m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(11)} - m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(10)} - m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(10)} + m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(22)} - m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(11)} - m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(22)} - m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(21)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(10)} + m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(20)} - m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(00)} + m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(11)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(20)} + m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(20)} - m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(00)} - m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(22)} + m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(21)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(22)} - m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(20)} - m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(21)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(10)} - m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(20)} + m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(00)} + m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(00)} - m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(21)} + m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(11)} + m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(20)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(10)} - m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(20)} + m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(11)} + m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(10)} + m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(10)} - m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(21)} + m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(11)} + m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(21)} + m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(20)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(20)} + m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(00)} - m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(10)} + m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(10)} - m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(00)} + m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(11)} - m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(21)} - m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(20)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(20)} - m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(00)} + m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(11)} - m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(10)} + m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{ccc}
V1 & V1 & 1\\
1 & V2 & 2\\
V2 & V3 & V3
\end{array}
$$

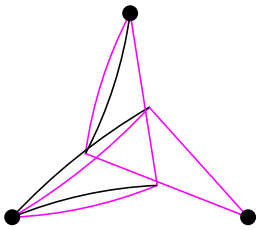


$$
\begin{aligned}
T_{30} \;=\;& -m_{000}^{(00)}m_{010}^{(20)}m_{020}^{(22)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(21)} - m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(11)} + m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(22)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(21)} - m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(20)} + m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(10)} - m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(11)} + m_{000}^{(00)}m_{010}^{(22)}m_{020}^{(20)} - m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(10)} + m_{000}^{(00)}m_{010}^{(10)}m_{020}^{(22)}\\
&-2m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(21)} + m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(11)} - m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(22)} + m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(20)} - m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(10)} + m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(21)} - m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(11)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(20)} + m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(10)} + m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(22)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(11)} - m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(22)} + m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(21)} + m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(20)}
\end{aligned}
$$

$$
\begin{aligned}
&-m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(10)}+m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(21)}-m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(11)}-m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(10)}+m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(22)}-m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(21)}-m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(10)}-m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(22)}+2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(20)}-m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(21)}-m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(20)}-m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(10)}+m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(22)}+2m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(21)}-m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(11)}+m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(22)}\\
&-2m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(20)}+m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(00)}-m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(21)}+m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(11)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(20)}-m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(10)}-m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(21)}+m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(10)}-m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(00)}-m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(22)}+m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(20)}-m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(10)}+m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(22)}-2m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(00)}-m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(21)}+m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(20)}+m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(00)}+m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(22)}-m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(21)}-m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(10)}-m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(22)}+2m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(20)}-m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(21)}-m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(20)}-m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(10)}+m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(00)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(22)}+2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(21)}-m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(11)}+m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(22)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(21)}-m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(20)}+m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(10)}-m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(11)}+m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(20)}-m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(10)}+m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(22)}\\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(21)}+m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(11)}-m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(22)}+m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(20)}-m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(10)}+m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(21)}-m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(10)}+m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(00)}-m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(11)}+2m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(22)}m_{020}^{(00)}+m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(21)}-m_{000}^{(20)}m_{001}^{(00)}m_{101}^{(11)}-m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(20)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(10)}-m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(21)}+m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(20)}+m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(00)}+m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(11)}-2m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(10)}+m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(22)}-m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(21)}-m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(20)}+m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(22)}+2m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(20)}-m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(00)}+m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(11)}-m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(20)}+m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(10)}+m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(10)}+m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(00)}-m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(22)}+m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(21)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(20)}-m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(10)}+m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(22)}-2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(00)}-m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(21)}+m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(20)}+m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(00)}-m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(21)}+m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(11)}+m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(10)}+m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(21)}-m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(20)}-m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(00)}-m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(11)}+2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(10)}-m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(21)}+m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(11)}+m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(20)}-m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(21)}-m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(20)}-m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(10)}+m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(11)}+2m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(10)}-m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(00)}+m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(11)}-m_{000}^{(22)}m_{010}^{(00)}m_{020}^{(20)}+m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(10)}-m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(10)}+m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(10)}-m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(10)}+m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(11)}\\
&-2m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(10)}+m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(00)}
\end{aligned}
$$

Generating graph:

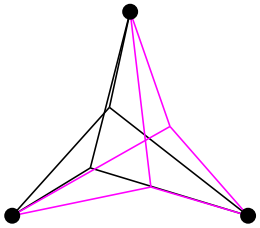
$$\begin{array}{ccc} V1 & V1 & V2 \\ 1 & 1 & 2 \\ V2 & V3 & V3 \end{array}$$



$$\begin{aligned}
T_{31} \;=\;& m_{200}^{(00)} m_{020}^{(11)} m_{002}^{(22)} - 2m_{200}^{(00)} m_{020}^{(21)} m_{002}^{(21)} + m_{200}^{(00)} m_{020}^{(22)} m_{002}^{(11)} - 2m_{200}^{(00)} m_{011}^{(11)} m_{011}^{(22)} \\
& +2m_{200}^{(00)} (m_{011}^{(21)})^2 - 2m_{200}^{(10)} m_{020}^{(10)} m_{002}^{(22)} + 2m_{200}^{(10)} m_{020}^{(20)} m_{002}^{(21)} + 2m_{200}^{(10)} m_{020}^{(21)} m_{002}^{(20)} \\
& -2m_{200}^{(10)} m_{020}^{(22)} m_{002}^{(10)} + 4m_{200}^{(10)} m_{011}^{(10)} m_{011}^{(22)} - 4m_{200}^{(10)} m_{011}^{(20)} m_{011}^{(21)} + m_{200}^{(11)} m_{020}^{(00)} m_{002}^{(22)} \\
& -2m_{200}^{(11)} m_{020}^{(20)} m_{002}^{(20)} + m_{200}^{(11)} m_{020}^{(22)} m_{002}^{(00)} - 2m_{200}^{(11)} m_{011}^{(00)} m_{011}^{(22)} + 2m_{200}^{(11)} (m_{011}^{(20)})^2 \\
& +2m_{200}^{(20)} m_{020}^{(10)} m_{002}^{(21)} - 2m_{200}^{(20)} m_{020}^{(11)} m_{002}^{(20)} - 2m_{200}^{(20)} m_{020}^{(20)} m_{002}^{(11)} + 2m_{200}^{(20)} m_{020}^{(21)} m_{002}^{(10)} \\
& -4m_{200}^{(20)} m_{011}^{(10)} m_{011}^{(21)} + 4m_{200}^{(20)} m_{011}^{(11)} m_{011}^{(20)} - 2m_{200}^{(21)} m_{020}^{(00)} m_{002}^{(21)} + 2m_{200}^{(21)} m_{020}^{(10)} m_{002}^{(20)} \\
& +2m_{200}^{(21)} m_{020}^{(20)} m_{002}^{(10)} - 2m_{200}^{(21)} m_{020}^{(21)} m_{002}^{(00)} + 4m_{200}^{(21)} m_{011}^{(00)} m_{011}^{(21)} - 4m_{200}^{(21)} m_{011}^{(10)} m_{011}^{(20)} \\
& +m_{200}^{(22)} m_{020}^{(00)} m_{002}^{(11)} - 2m_{200}^{(22)} m_{020}^{(10)} m_{002}^{(10)} + m_{200}^{(22)} m_{020}^{(11)} m_{002}^{(00)} - 2m_{200}^{(22)} m_{011}^{(00)} m_{011}^{(11)} \\
& +2m_{200}^{(22)} (m_{011}^{(10)})^2 - 2m_{110}^{(00)} m_{110}^{(11)} m_{002}^{(22)} + 4m_{110}^{(00)} m_{110}^{(21)} m_{002}^{(21)} - 2m_{110}^{(00)} m_{110}^{(22)} m_{002}^{(11)} \\
& +2m_{110}^{(00)} m_{101}^{(11)} m_{011}^{(22)} - 4m_{110}^{(00)} m_{101}^{(21)} m_{011}^{(21)} + 2m_{110}^{(00)} m_{101}^{(22)} m_{011}^{(11)} + 2(m_{110}^{(10)})^2 m_{002}^{(22)} \\
& -4m_{110}^{(10)} m_{110}^{(20)} m_{002}^{(21)} - 4m_{110}^{(10)} m_{110}^{(21)} m_{002}^{(20)} + 4m_{110}^{(10)} m_{110}^{(22)} m_{002}^{(10)} - 4m_{110}^{(10)} m_{101}^{(10)} m_{011}^{(22)} \\
& +4m_{110}^{(10)} m_{101}^{(20)} m_{011}^{(21)} + 4m_{110}^{(10)} m_{101}^{(21)} m_{011}^{(20)} - 4m_{110}^{(10)} m_{101}^{(22)} m_{011}^{(10)} + 4m_{110}^{(11)} m_{110}^{(20)} m_{002}^{(20)} \\
& -2m_{110}^{(11)} m_{110}^{(22)} m_{002}^{(00)} + 2m_{110}^{(11)} m_{101}^{(00)} m_{011}^{(22)} - 4m_{110}^{(11)} m_{101}^{(20)} m_{011}^{(20)} + 2m_{110}^{(11)} m_{101}^{(22)} m_{011}^{(00)} \\
& +2(m_{110}^{(20)})^2 m_{002}^{(11)} - 4m_{110}^{(20)} m_{110}^{(21)} m_{002}^{(10)} + 4m_{110}^{(20)} m_{101}^{(10)} m_{011}^{(21)} - 4m_{110}^{(20)} m_{101}^{(11)} m_{011}^{(20)} \\
& -4m_{110}^{(20)} m_{101}^{(20)} m_{011}^{(11)} + 4m_{110}^{(20)} m_{101}^{(21)} m_{011}^{(10)} + 2(m_{110}^{(21)})^2 m_{002}^{(00)} - 4m_{110}^{(21)} m_{101}^{(00)} m_{011}^{(21)} \\
& +4m_{110}^{(21)} m_{101}^{(10)} m_{011}^{(20)} + 4m_{110}^{(21)} m_{101}^{(20)} m_{011}^{(10)} - 4m_{110}^{(21)} m_{101}^{(21)} m_{011}^{(00)} + 2m_{110}^{(22)} m_{101}^{(00)} m_{011}^{(11)} \\
& -4m_{110}^{(22)} m_{101}^{(10)} m_{011}^{(10)} + 2m_{110}^{(22)} m_{101}^{(11)} m_{011}^{(00)} - 2m_{101}^{(00)} m_{101}^{(11)} m_{020}^{(22)} + 4m_{101}^{(00)} m_{101}^{(21)} m_{020}^{(21)} \\
& -2m_{101}^{(00)} m_{101}^{(22)} m_{020}^{(11)} + 2(m_{101}^{(10)})^2 m_{020}^{(22)} - 4m_{101}^{(10)} m_{101}^{(20)} m_{020}^{(21)} - 4m_{101}^{(10)} m_{101}^{(21)} m_{020}^{(20)} \\
& +4m_{101}^{(10)} m_{101}^{(22)} m_{020}^{(10)} + 4m_{101}^{(11)} m_{101}^{(20)} m_{020}^{(20)} - 2m_{101}^{(11)} m_{101}^{(22)} m_{020}^{(00)} + 2(m_{101}^{(20)})^2 m_{020}^{(11)} \\
& -4m_{101}^{(20)} m_{101}^{(21)} m_{020}^{(10)} + 2(m_{101}^{(21)})^2 m_{020}^{(00)}
\end{aligned}$$

Generating graph:

$$\begin{array}{cccc} V1 & V1 & 1 & 1 \\ V2 & V2 & 2 & 2 \\ V3 & V3 & 3 & 3 \end{array}$$

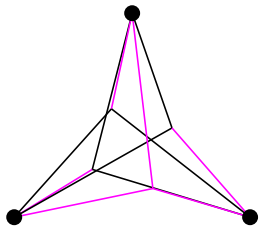


$$
\begin{aligned}
T_{32} \;=\;& m_{200}^{(00)} m_{020}^{(11)} m_{002}^{(22)} - m_{200}^{(00)} m_{020}^{(21)} m_{011}^{(22)} - m_{200}^{(00)} m_{020}^{(21)} m_{002}^{(21)} + m_{200}^{(00)} m_{020}^{(22)} m_{011}^{(21)} \\
& - m_{200}^{(00)} m_{011}^{(11)} m_{011}^{(22)} - m_{200}^{(00)} m_{011}^{(11)} m_{002}^{(21)} + m_{200}^{(00)} (m_{011}^{(21)})^2 + m_{200}^{(00)} m_{011}^{(21)} m_{002}^{(11)} \\
& - m_{200}^{(10)} m_{110}^{(11)} m_{002}^{(22)} + m_{200}^{(10)} m_{110}^{(21)} m_{011}^{(22)} + m_{200}^{(10)} m_{110}^{(21)} m_{002}^{(21)} - m_{200}^{(10)} m_{110}^{(22)} m_{011}^{(21)} \\
& + m_{200}^{(10)} m_{101}^{(11)} m_{002}^{(21)} - m_{200}^{(10)} m_{101}^{(21)} m_{011}^{(21)} - m_{200}^{(10)} m_{101}^{(21)} m_{002}^{(11)} + m_{200}^{(10)} m_{101}^{(22)} m_{011}^{(11)} \\
& - m_{200}^{(10)} m_{020}^{(10)} m_{002}^{(22)} + m_{200}^{(10)} m_{020}^{(20)} m_{011}^{(22)} + m_{200}^{(10)} m_{020}^{(21)} m_{002}^{(20)} - m_{200}^{(10)} m_{020}^{(22)} m_{011}^{(20)} \\
& + m_{200}^{(10)} m_{011}^{(10)} m_{011}^{(22)} + m_{200}^{(10)} m_{011}^{(10)} m_{002}^{(21)} - m_{200}^{(10)} m_{011}^{(20)} m_{011}^{(21)} - m_{200}^{(10)} m_{011}^{(21)} m_{002}^{(10)} \\
& + m_{200}^{(11)} m_{110}^{(10)} m_{002}^{(22)} - m_{200}^{(11)} m_{110}^{(20)} m_{011}^{(22)} - m_{200}^{(11)} m_{110}^{(21)} m_{002}^{(20)} + m_{200}^{(11)} m_{110}^{(22)} m_{011}^{(20)} \\
& - m_{200}^{(11)} m_{101}^{(10)} m_{002}^{(21)} + m_{200}^{(11)} m_{101}^{(20)} m_{011}^{(21)} + m_{200}^{(11)} m_{101}^{(21)} m_{002}^{(10)} - m_{200}^{(11)} m_{101}^{(22)} m_{011}^{(10)} \\
& + m_{200}^{(20)} m_{110}^{(11)} m_{002}^{(22)} - m_{200}^{(20)} m_{110}^{(21)} m_{020}^{(22)} - m_{200}^{(20)} m_{110}^{(21)} m_{011}^{(21)} + m_{200}^{(20)} m_{110}^{(22)} m_{020}^{(21)} \\
& - m_{200}^{(20)} m_{101}^{(11)} m_{011}^{(21)} + m_{200}^{(20)} m_{101}^{(21)} m_{020}^{(21)} + m_{200}^{(20)} m_{101}^{(21)} m_{011}^{(11)} - m_{200}^{(20)} m_{101}^{(22)} m_{020}^{(11)} \\
& + m_{200}^{(20)} m_{020}^{(10)} m_{002}^{(21)} - m_{200}^{(20)} m_{020}^{(11)} m_{002}^{(20)} - m_{200}^{(20)} m_{020}^{(20)} m_{011}^{(21)} + m_{200}^{(20)} m_{020}^{(21)} m_{011}^{(20)} \\
& - m_{200}^{(20)} m_{011}^{(10)} m_{011}^{(21)} - m_{200}^{(20)} m_{011}^{(10)} m_{002}^{(11)} + m_{200}^{(20)} m_{011}^{(11)} m_{011}^{(20)} + m_{200}^{(20)} m_{011}^{(11)} m_{002}^{(10)} \\
& - m_{200}^{(21)} m_{110}^{(10)} m_{011}^{(22)} - m_{200}^{(21)} m_{110}^{(10)} m_{002}^{(21)} + m_{200}^{(21)} m_{110}^{(11)} m_{002}^{(20)} + m_{200}^{(21)} m_{110}^{(20)} m_{020}^{(22)} \\
& + m_{200}^{(21)} m_{110}^{(20)} m_{011}^{(21)} - m_{200}^{(21)} m_{110}^{(22)} m_{020}^{(20)} + m_{200}^{(21)} m_{101}^{(10)} m_{011}^{(21)} + m_{200}^{(21)} m_{101}^{(10)} m_{011}^{(11)} \\
& - m_{200}^{(21)} m_{101}^{(11)} m_{002}^{(10)} - m_{200}^{(21)} m_{101}^{(20)} m_{020}^{(21)} - m_{200}^{(21)} m_{101}^{(20)} m_{011}^{(11)} + m_{200}^{(21)} m_{101}^{(22)} m_{020}^{(10)} \\
& + m_{200}^{(22)} m_{110}^{(10)} m_{011}^{(21)} - m_{200}^{(22)} m_{110}^{(11)} m_{011}^{(20)} - m_{200}^{(22)} m_{110}^{(20)} m_{020}^{(21)} + m_{200}^{(22)} m_{110}^{(21)} m_{020}^{(20)} \\
& - m_{200}^{(22)} m_{101}^{(10)} m_{011}^{(11)} + m_{200}^{(22)} m_{101}^{(11)} m_{011}^{(10)} + m_{200}^{(22)} m_{101}^{(20)} m_{020}^{(11)} - m_{200}^{(22)} m_{101}^{(21)} m_{020}^{(10)} \\
& - m_{110}^{(00)} m_{110}^{(11)} m_{002}^{(22)} + m_{110}^{(00)} m_{110}^{(21)} m_{011}^{(22)} + m_{110}^{(00)} m_{110}^{(21)} m_{002}^{(21)} - m_{110}^{(00)} m_{110}^{(22)} m_{011}^{(21)} \\
& + m_{110}^{(00)} m_{101}^{(11)} m_{011}^{(22)} - m_{110}^{(00)} m_{101}^{(21)} m_{020}^{(22)} - m_{110}^{(00)} m_{101}^{(21)} m_{011}^{(21)} + m_{110}^{(00)} m_{101}^{(22)} m_{020}^{(21)} \\
& - m_{110}^{(00)} m_{020}^{(10)} m_{002}^{(22)} + m_{110}^{(00)} m_{020}^{(20)} m_{002}^{(21)} + m_{110}^{(00)} m_{011}^{(10)} m_{011}^{(22)} + m_{110}^{(00)} m_{011}^{(10)} m_{002}^{(21)} \\
& + m_{110}^{(00)} m_{011}^{(11)} m_{002}^{(20)} - m_{110}^{(00)} m_{011}^{(20)} m_{011}^{(21)} - m_{110}^{(00)} m_{011}^{(20)} m_{002}^{(11)} - m_{110}^{(00)} m_{011}^{(21)} m_{002}^{(10)} \\
& + (m_{110}^{(10)})^2 m_{002}^{(22)} - m_{110}^{(10)} m_{110}^{(20)} m_{011}^{(22)} - m_{110}^{(10)} m_{110}^{(20)} m_{002}^{(21)} - m_{110}^{(10)} m_{110}^{(21)} m_{101}^{(22)} \\
& - m_{110}^{(10)} m_{110}^{(21)} m_{002}^{(20)} + m_{110}^{(10)} m_{110}^{(22)} m_{011}^{(21)} + m_{110}^{(10)} m_{110}^{(22)} m_{002}^{(20)} - m_{110}^{(10)} m_{101}^{(10)} m_{011}^{(22)} \\
& - m_{110}^{(10)} m_{101}^{(10)} m_{002}^{(21)} - m_{110}^{(10)} m_{101}^{(11)} m_{101}^{(22)} - m_{110}^{(10)} m_{101}^{(11)} m_{002}^{(20)} + m_{110}^{(10)} m_{101}^{(20)} m_{020}^{(22)} \\
& + m_{110}^{(10)} m_{101}^{(20)} m_{002}^{(11)} + m_{110}^{(10)} (m_{101}^{(21)})^2 + 2 m_{110}^{(10)} m_{101}^{(21)} m_{011}^{(20)} + m_{110}^{(10)} m_{101}^{(21)} m_{002}^{(10)} \\
& - m_{110}^{(10)} m_{101}^{(22)} m_{020}^{(20)} - m_{110}^{(10)} m_{101}^{(22)} m_{011}^{(10)} + m_{110}^{(10)} m_{020}^{(00)} m_{002}^{(22)} - m_{110}^{(10)} m_{020}^{(20)} m_{002}^{(20)} \\
& - m_{110}^{(10)} m_{011}^{(00)} m_{011}^{(22)} - m_{110}^{(10)} m_{011}^{(00)} m_{002}^{(21)} - m_{110}^{(10)} m_{011}^{(10)} m_{002}^{(20)} + m_{110}^{(10)} (m_{011}^{(20)})^2 \\
& + m_{110}^{(10)} m_{011}^{(20)} m_{002}^{(10)} + m_{110}^{(10)} m_{011}^{(21)} m_{002}^{(00)} + m_{110}^{(11)} m_{110}^{(20)} m_{101}^{(22)} + m_{110}^{(11)} m_{110}^{(20)} m_{002}^{(20)} \\
& - m_{110}^{(11)} m_{110}^{(22)} m_{101}^{(20)} + m_{110}^{(11)} m_{110}^{(00)} m_{101}^{(21)} m_{002}^{(21)} + m_{110}^{(11)} m_{110}^{(10)} m_{101}^{(22)} + m_{110}^{(11)} m_{110}^{(10)} m_{101}^{(20)} m_{002}^{(20)} \\
& - m_{110}^{(11)} m_{101}^{(20)} m_{101}^{(21)} - m_{110}^{(11)} m_{101}^{(20)} m_{011}^{(20)} - m_{110}^{(11)} m_{101}^{(20)} m_{002}^{(10)} - m_{110}^{(11)} m_{101}^{(21)} m_{101}^{(00)} \\
& + m_{110}^{(11)} m_{101}^{(22)} m_{011}^{(00)} + (m_{110}^{(20)})^2 m_{011}^{(21)} - m_{110}^{(20)} m_{110}^{(21)} m_{101}^{(21)} - m_{110}^{(20)} m_{110}^{(21)} m_{011}^{(20)} \\
& + 2 m_{110}^{(20)} m_{101}^{(10)} m_{011}^{(21)} - m_{110}^{(20)} m_{101}^{(20)} m_{020}^{(21)} - m_{110}^{(20)} m_{101}^{(20)} m_{011}^{(11)} - m_{110}^{(20)} m_{101}^{(21)} m_{011}^{(10)} \\
& + m_{110}^{(20)} m_{101}^{(22)} m_{020}^{(10)} - m_{110}^{(20)} m_{020}^{(00)} m_{002}^{(21)} + m_{110}^{(20)} m_{020}^{(10)} m_{002}^{(20)} + m_{110}^{(20)} m_{011}^{(00)} m_{011}^{(21)} \\
& + m_{110}^{(20)} m_{011}^{(00)} m_{002}^{(11)} - m_{110}^{(20)} m_{011}^{(10)} m_{011}^{(20)} - m_{110}^{(20)} m_{011}^{(11)} m_{002}^{(00)} + (m_{110}^{(21)})^2 m_{101}^{(20)} \\
& - m_{110}^{(21)} m_{101}^{(00)} m_{011}^{(21)} - m_{110}^{(21)} m_{101}^{(00)} m_{002}^{(11)} - m_{110}^{(21)} m_{101}^{(10)} m_{101}^{(21)} - m_{110}^{(21)} m_{101}^{(10)} m_{011}^{(20)} \\
& + m_{110}^{(21)} m_{101}^{(11)} m_{101}^{(20)} + m_{110}^{(21)} m_{101}^{(11)} m_{002}^{(00)} + m_{110}^{(21)} m_{101}^{(20)} m_{020}^{(20)} + 2 m_{110}^{(21)} m_{101}^{(20)} m_{011}^{(10)} \\
& - m_{110}^{(21)} m_{101}^{(22)} m_{020}^{(00)} + m_{110}^{(22)} m_{101}^{(00)} m_{011}^{(11)} - m_{110}^{(22)} m_{101}^{(11)} m_{011}^{(00)} - m_{110}^{(22)} m_{101}^{(20)} m_{020}^{(10)} \\
& + m_{110}^{(22)} m_{101}^{(21)} m_{020}^{(00)} - m_{101}^{(00)} m_{101}^{(11)} m_{011}^{(21)} + m_{101}^{(00)} m_{101}^{(21)} m_{020}^{(21)} + m_{101}^{(00)} m_{101}^{(21)} m_{011}^{(11)}
\end{aligned}
$$

$$
\begin{aligned}
&-m_{101}^{(00)}m_{101}^{(22)}m_{020}^{(11)} + m_{101}^{(00)}m_{020}^{(10)}m_{011}^{(22)} - m_{101}^{(00)}m_{020}^{(11)}m_{002}^{(20)} - m_{101}^{(00)}m_{020}^{(20)}m_{011}^{(21)}\\
&+m_{101}^{(00)}m_{020}^{(21)}m_{011}^{(20)} + m_{101}^{(00)}m_{020}^{(21)}m_{002}^{(10)} - m_{101}^{(00)}m_{020}^{(22)}m_{011}^{(10)} - m_{101}^{(00)}m_{011}^{(10)}m_{011}^{(21)}\\
&+m_{101}^{(00)}m_{011}^{(11)}m_{011}^{(20)} + (m_{101}^{(10)})^2m_{011}^{(21)} - m_{101}^{(10)}m_{101}^{(20)}m_{020}^{(21)} - m_{101}^{(10)}m_{101}^{(20)}m_{011}^{(11)}\\
&-m_{101}^{(10)}m_{101}^{(21)}m_{011}^{(10)} + m_{101}^{(10)}m_{101}^{(22)}m_{020}^{(10)} - m_{101}^{(10)}m_{020}^{(00)}m_{011}^{(22)} + m_{101}^{(10)}m_{020}^{(10)}m_{002}^{(20)}\\
&-m_{101}^{(10)}m_{020}^{(21)}m_{002}^{(00)} + m_{101}^{(10)}m_{020}^{(22)}m_{011}^{(00)} + m_{101}^{(10)}m_{011}^{(00)}m_{011}^{(21)} - m_{101}^{(10)}m_{011}^{(10)}m_{011}^{(20)}\\
&+m_{101}^{(11)}m_{101}^{(20)}m_{011}^{(10)} + (m_{101}^{(20)})^2m_{020}^{(11)} - m_{101}^{(20)}m_{101}^{(21)}m_{020}^{(10)} + m_{101}^{(20)}m_{020}^{(00)}m_{011}^{(21)}\\
&-m_{101}^{(20)}m_{020}^{(10)}m_{011}^{(20)} - m_{101}^{(20)}m_{020}^{(10)}m_{002}^{(10)} + m_{101}^{(20)}m_{020}^{(11)}m_{002}^{(00)} + m_{101}^{(20)}m_{020}^{(20)}m_{011}^{(10)}\\
&-m_{101}^{(20)}m_{020}^{(21)}m_{011}^{(00)} - m_{101}^{(20)}m_{011}^{(00)}m_{011}^{(11)} + m_{101}^{(20)}(m_{011}^{(10)})^2 - m_{020}^{(00)}m_{011}^{(10)}m_{002}^{(20)}\\
&+m_{020}^{(00)}m_{011}^{(20)}m_{002}^{(10)} + m_{020}^{(10)}m_{011}^{(00)}m_{002}^{(20)} - m_{020}^{(10)}m_{011}^{(20)}m_{002}^{(00)} - m_{020}^{(20)}m_{011}^{(00)}m_{002}^{(10)}\\
&+m_{020}^{(20)}m_{011}^{(10)}m_{002}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & 1 & 1 & V1\\
V2 & 2 & V2 & 2\\
V3 & V3 & 3 & 3
\end{array}
$$



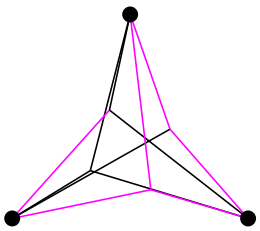
$$
\begin{aligned}
T_{33} \;=\;& 3m_{200}^{(00)}m_{020}^{(11)}m_{002}^{(22)} - 2m_{200}^{(00)}m_{020}^{(21)}m_{011}^{(22)} - 4m_{200}^{(00)}m_{020}^{(21)}m_{002}^{(21)} + 2m_{200}^{(00)}m_{020}^{(22)}m_{011}^{(21)}\\
&+m_{200}^{(00)}m_{020}^{(22)}m_{002}^{(11)} - 4m_{200}^{(00)}m_{011}^{(11)}m_{011}^{(22)} - 2m_{200}^{(00)}m_{011}^{(11)}m_{002}^{(21)} + 4m_{200}^{(00)}(m_{011}^{(21)})^2\\
&+2m_{200}^{(00)}m_{011}^{(21)}m_{002}^{(11)} - 2m_{200}^{(10)}m_{110}^{(11)}m_{002}^{(22)} + m_{200}^{(10)}m_{110}^{(21)}m_{011}^{(22)} + 3m_{200}^{(10)}m_{110}^{(21)}m_{002}^{(21)}\\
&-m_{200}^{(10)}m_{110}^{(22)}m_{011}^{(21)} - m_{200}^{(10)}m_{110}^{(22)}m_{002}^{(11)} + 2m_{200}^{(10)}m_{101}^{(11)}m_{011}^{(22)} - m_{200}^{(10)}m_{101}^{(21)}m_{020}^{(22)}\\
&-3m_{200}^{(10)}m_{101}^{(21)}m_{011}^{(21)} + m_{200}^{(10)}m_{101}^{(22)}m_{020}^{(21)} + m_{200}^{(10)}m_{101}^{(22)}m_{011}^{(11)} - 4m_{200}^{(10)}m_{020}^{(10)}m_{002}^{(22)}\\
&+2m_{200}^{(10)}m_{020}^{(20)}m_{011}^{(22)} + 2m_{200}^{(10)}m_{020}^{(20)}m_{002}^{(21)} + 3m_{200}^{(10)}m_{020}^{(21)}m_{002}^{(20)} - 2m_{200}^{(10)}m_{020}^{(22)}m_{011}^{(20)}\\
&-m_{200}^{(10)}m_{020}^{(22)}m_{002}^{(10)} + 5m_{200}^{(10)}m_{011}^{(10)}m_{011}^{(22)} + 3m_{200}^{(10)}m_{011}^{(10)}m_{002}^{(21)} + m_{200}^{(10)}m_{011}^{(11)}m_{002}^{(20)}\\
&-5m_{200}^{(10)}m_{011}^{(20)}m_{011}^{(21)} - m_{200}^{(10)}m_{011}^{(20)}m_{002}^{(11)} - 3m_{200}^{(10)}m_{011}^{(21)}m_{002}^{(10)} + 2m_{200}^{(11)}m_{110}^{(10)}m_{002}^{(22)}\\
&-m_{200}^{(11)}m_{110}^{(20)}m_{011}^{(22)} - m_{200}^{(11)}m_{110}^{(20)}m_{002}^{(21)} - 2m_{200}^{(11)}m_{110}^{(21)}m_{002}^{(20)} + m_{200}^{(11)}m_{110}^{(22)}m_{011}^{(20)}\\
&+m_{200}^{(11)}m_{110}^{(22)}m_{002}^{(10)} - 2m_{200}^{(11)}m_{101}^{(10)}m_{011}^{(22)} + m_{200}^{(11)}m_{101}^{(20)}m_{020}^{(22)} + m_{200}^{(11)}m_{101}^{(20)}m_{011}^{(21)}\\
&+2m_{200}^{(11)}m_{101}^{(21)}m_{011}^{(20)} - m_{200}^{(11)}m_{101}^{(22)}m_{020}^{(20)} - m_{200}^{(11)}m_{101}^{(22)}m_{011}^{(10)} + m_{200}^{(11)}m_{020}^{(00)}m_{002}^{(22)}\\
&-m_{200}^{(11)}m_{020}^{(20)}m_{002}^{(20)} - m_{200}^{(11)}m_{011}^{(00)}m_{011}^{(22)} - m_{200}^{(11)}m_{011}^{(00)}m_{002}^{(21)} - m_{200}^{(11)}m_{011}^{(10)}m_{002}^{(20)}\\
&+m_{200}^{(11)}(m_{011}^{(20)})^2 + m_{200}^{(11)}m_{011}^{(20)}m_{002}^{(10)} + m_{200}^{(11)}m_{011}^{(21)}m_{002}^{(00)} + m_{200}^{(20)}m_{110}^{(11)}m_{011}^{(22)}
\end{aligned}
$$

$$
\begin{aligned}
&+m_{200}^{(20)}m_{110}^{(11)}m_{002}^{(21)} - 3m_{200}^{(20)}m_{110}^{(21)}m_{011}^{(21)} - m_{200}^{(20)}m_{110}^{(21)}m_{002}^{(11)} + 2m_{200}^{(20)}m_{110}^{(22)}m_{011}^{(11)}\\
&-m_{200}^{(20)}m_{101}^{(11)}m_{020}^{(22)} - m_{200}^{(20)}m_{101}^{(11)}m_{011}^{(21)} + 3m_{200}^{(20)}m_{101}^{(21)}m_{020}^{(21)} + m_{200}^{(20)}m_{101}^{(21)}m_{011}^{(11)}\\
&-2m_{200}^{(20)}m_{101}^{(22)}m_{020}^{(11)} + m_{200}^{(20)}m_{020}^{(10)}m_{011}^{(22)} + 3m_{200}^{(20)}m_{020}^{(10)}m_{002}^{(21)} - 4m_{200}^{(20)}m_{020}^{(11)}m_{002}^{(20)}\\
&-3m_{200}^{(20)}m_{020}^{(20)}m_{011}^{(21)} - m_{200}^{(20)}m_{020}^{(20)}m_{002}^{(11)} + 3m_{200}^{(20)}m_{020}^{(21)}m_{011}^{(20)} + 2m_{200}^{(20)}m_{020}^{(21)}m_{002}^{(10)}\\
&-m_{200}^{(20)}m_{020}^{(22)}m_{011}^{(10)} - 5m_{200}^{(20)}m_{011}^{(10)}m_{011}^{(21)} - 2m_{200}^{(20)}m_{011}^{(10)}m_{002}^{(11)} + 5m_{200}^{(20)}m_{011}^{(11)}m_{011}^{(20)}\\
&+2m_{200}^{(20)}m_{011}^{(11)}m_{002}^{(10)} - m_{200}^{(21)}m_{110}^{(10)}m_{011}^{(22)} - 3m_{200}^{(21)}m_{110}^{(10)}m_{002}^{(21)} + 2m_{200}^{(21)}m_{110}^{(11)}m_{002}^{(20)}\\
&+3m_{200}^{(21)}m_{110}^{(20)}m_{011}^{(21)} + m_{200}^{(21)}m_{110}^{(20)}m_{002}^{(11)} - 2m_{200}^{(21)}m_{110}^{(22)}m_{011}^{(10)} + m_{200}^{(21)}m_{101}^{(10)}m_{020}^{(22)}\\
&+3m_{200}^{(21)}m_{101}^{(10)}m_{011}^{(21)} - 2m_{200}^{(21)}m_{101}^{(11)}m_{011}^{(20)} - 3m_{200}^{(21)}m_{101}^{(20)}m_{020}^{(21)} - m_{200}^{(21)}m_{101}^{(20)}m_{011}^{(11)}\\
&+2m_{200}^{(21)}m_{101}^{(22)}m_{020}^{(10)} - m_{200}^{(21)}m_{020}^{(00)}m_{011}^{(22)} - m_{200}^{(21)}m_{020}^{(00)}m_{002}^{(21)} + 2m_{200}^{(21)}m_{020}^{(10)}m_{002}^{(20)}\\
&-m_{200}^{(21)}m_{020}^{(21)}m_{002}^{(00)} + m_{200}^{(21)}m_{020}^{(22)}m_{011}^{(00)} + 2m_{200}^{(21)}m_{011}^{(00)}m_{011}^{(21)} + m_{200}^{(21)}m_{011}^{(00)}m_{002}^{(11)}\\
&-2m_{200}^{(21)}m_{011}^{(10)}m_{011}^{(20)} - m_{200}^{(21)}m_{011}^{(11)}m_{002}^{(00)} + m_{200}^{(22)}m_{110}^{(10)}m_{011}^{(21)} + m_{200}^{(22)}m_{110}^{(10)}m_{002}^{(11)}\\
&-m_{200}^{(22)}m_{110}^{(11)}m_{011}^{(20)} - m_{200}^{(22)}m_{110}^{(11)}m_{002}^{(10)} - 2m_{200}^{(22)}m_{110}^{(20)}m_{011}^{(11)} + 2m_{200}^{(22)}m_{110}^{(21)}m_{011}^{(10)}\\
&-m_{200}^{(22)}m_{101}^{(10)}m_{020}^{(21)} - m_{200}^{(22)}m_{101}^{(10)}m_{011}^{(11)} + m_{200}^{(22)}m_{101}^{(11)}m_{020}^{(20)} + m_{200}^{(22)}m_{101}^{(11)}m_{011}^{(10)}\\
&+2m_{200}^{(22)}m_{101}^{(20)}m_{020}^{(11)} - 2m_{200}^{(22)}m_{101}^{(21)}m_{020}^{(10)} + m_{200}^{(22)}m_{020}^{(00)}m_{011}^{(21)} - m_{200}^{(22)}m_{020}^{(10)}m_{011}^{(20)}\\
&-m_{200}^{(22)}m_{020}^{(10)}m_{002}^{(10)} + m_{200}^{(22)}m_{020}^{(11)}m_{002}^{(00)} + m_{200}^{(22)}m_{020}^{(20)}m_{011}^{(10)} - m_{200}^{(22)}m_{020}^{(21)}m_{011}^{(00)}\\
&-m_{200}^{(22)}m_{011}^{(00)}m_{011}^{(11)} + m_{200}^{(22)}(m_{011}^{(10)})^2 - 4m_{110}^{(00)}m_{110}^{(11)}m_{002}^{(22)} + 3m_{110}^{(00)}m_{110}^{(21)}m_{011}^{(22)}\\
&+5m_{110}^{(00)}m_{110}^{(21)}m_{002}^{(21)} - 3m_{110}^{(00)}m_{110}^{(22)}m_{011}^{(21)} - m_{110}^{(00)}m_{110}^{(22)}m_{002}^{(11)} + 2m_{110}^{(00)}m_{101}^{(11)}m_{011}^{(22)}\\
&+2m_{110}^{(00)}m_{101}^{(11)}m_{002}^{(21)} - m_{110}^{(00)}m_{101}^{(21)}m_{020}^{(22)} - 5m_{110}^{(00)}m_{101}^{(21)}m_{011}^{(21)} - 2m_{110}^{(00)}m_{101}^{(21)}m_{002}^{(11)}\\
&+m_{110}^{(00)}m_{101}^{(22)}m_{020}^{(21)} + 3m_{110}^{(00)}m_{101}^{(22)}m_{011}^{(11)} - 2m_{110}^{(00)}m_{020}^{(10)}m_{002}^{(22)} + 2m_{110}^{(00)}m_{020}^{(20)}m_{002}^{(21)}\\
&+m_{110}^{(00)}m_{020}^{(21)}m_{002}^{(20)} - m_{110}^{(00)}m_{020}^{(22)}m_{002}^{(10)} + 3m_{110}^{(00)}m_{011}^{(10)}m_{011}^{(22)} + m_{110}^{(00)}m_{011}^{(10)}m_{002}^{(21)}\\
&+m_{110}^{(00)}m_{011}^{(11)}m_{002}^{(20)} - 3m_{110}^{(00)}m_{011}^{(20)}m_{011}^{(21)} - m_{110}^{(00)}m_{011}^{(20)}m_{002}^{(11)} - m_{110}^{(00)}m_{011}^{(21)}m_{002}^{(10)}\\
&+4(m_{110}^{(10)})^2m_{002}^{(22)} - 3m_{110}^{(10)}m_{110}^{(20)}m_{011}^{(22)} - 5m_{110}^{(10)}m_{110}^{(20)}m_{002}^{(21)} - 3m_{110}^{(10)}m_{110}^{(21)}m_{101}^{(22)}\\
&-5m_{110}^{(10)}m_{110}^{(21)}m_{002}^{(20)} + 3m_{110}^{(10)}m_{110}^{(22)}m_{101}^{(21)} + 3m_{110}^{(10)}m_{110}^{(22)}m_{011}^{(20)} + 2m_{110}^{(10)}m_{110}^{(22)}m_{002}^{(10)}\\
&-5m_{110}^{(10)}m_{101}^{(10)}m_{011}^{(22)} - 3m_{110}^{(10)}m_{101}^{(10)}m_{002}^{(21)} - 3m_{110}^{(10)}m_{101}^{(11)}m_{101}^{(22)} - m_{110}^{(10)}m_{101}^{(11)}m_{002}^{(20)}\\
&+m_{110}^{(10)}m_{101}^{(20)}m_{020}^{(22)} + 6m_{110}^{(10)}m_{101}^{(20)}m_{011}^{(21)} + m_{110}^{(10)}m_{101}^{(20)}m_{002}^{(11)} + 3m_{110}^{(10)}(m_{101}^{(21)})^2\\
&+4m_{110}^{(10)}m_{101}^{(21)}m_{011}^{(20)} + 3m_{110}^{(10)}m_{101}^{(21)}m_{002}^{(10)} - m_{110}^{(10)}m_{101}^{(22)}m_{020}^{(20)} - 5m_{110}^{(10)}m_{101}^{(22)}m_{011}^{(10)}\\
&+2m_{110}^{(10)}m_{020}^{(00)}m_{002}^{(22)} - 3m_{110}^{(10)}m_{020}^{(20)}m_{002}^{(20)} + m_{110}^{(10)}m_{020}^{(22)}m_{002}^{(00)} - 3m_{110}^{(10)}m_{011}^{(00)}m_{011}^{(22)}\\
&-m_{110}^{(10)}m_{011}^{(00)}m_{002}^{(21)} - 3m_{110}^{(10)}m_{011}^{(10)}m_{002}^{(20)} + 3m_{110}^{(10)}(m_{011}^{(20)})^2 + 3m_{110}^{(10)}m_{011}^{(20)}m_{002}^{(10)}\\
&+m_{110}^{(10)}m_{011}^{(21)}m_{002}^{(00)} + 3m_{110}^{(11)}m_{110}^{(20)}m_{101}^{(22)} + 5m_{110}^{(11)}m_{110}^{(20)}m_{002}^{(20)} - 3m_{110}^{(11)}m_{110}^{(22)}m_{101}^{(20)}\\
&-m_{110}^{(11)}m_{110}^{(22)}m_{002}^{(00)} + 3m_{110}^{(11)}m_{101}^{(00)}m_{011}^{(22)} + m_{110}^{(11)}m_{101}^{(00)}m_{002}^{(21)} + 3m_{110}^{(11)}m_{101}^{(10)}m_{101}^{(22)}\\
&+m_{110}^{(11)}m_{101}^{(10)}m_{002}^{(20)} - 3m_{110}^{(11)}m_{101}^{(20)}m_{101}^{(21)} - 5m_{110}^{(11)}m_{101}^{(20)}m_{011}^{(20)} - m_{110}^{(11)}m_{101}^{(20)}m_{002}^{(10)}\\
&-m_{110}^{(11)}m_{101}^{(21)}m_{002}^{(00)} + 2m_{110}^{(11)}m_{101}^{(22)}m_{011}^{(00)} + 2m_{110}^{(11)}m_{011}^{(00)}m_{002}^{(20)} - 2m_{110}^{(11)}m_{011}^{(20)}m_{002}^{(00)}\\
&+3(m_{110}^{(20)})^2m_{011}^{(21)} + (m_{110}^{(20)})^2m_{002}^{(11)} - 3m_{110}^{(20)}m_{110}^{(21)}m_{101}^{(21)} - 3m_{110}^{(20)}m_{110}^{(21)}m_{011}^{(20)}\\
&-2m_{110}^{(20)}m_{110}^{(21)}m_{002}^{(10)} + 2m_{110}^{(20)}m_{101}^{(10)}m_{020}^{(22)} + 4m_{110}^{(20)}m_{101}^{(10)}m_{011}^{(21)} + 2m_{110}^{(20)}m_{101}^{(10)}m_{002}^{(11)}\\
&-2m_{110}^{(20)}m_{101}^{(11)}m_{011}^{(20)} - 2m_{110}^{(20)}m_{101}^{(11)}m_{002}^{(10)} - 3m_{110}^{(20)}m_{101}^{(20)}m_{020}^{(21)} - 5m_{110}^{(20)}m_{101}^{(20)}m_{011}^{(11)}\\
&+3m_{110}^{(20)}m_{101}^{(21)}m_{011}^{(10)} + m_{110}^{(20)}m_{101}^{(22)}m_{020}^{(10)} - 2m_{110}^{(20)}m_{020}^{(00)}m_{002}^{(21)} + 3m_{110}^{(20)}m_{020}^{(10)}m_{002}^{(20)}\\
&-m_{110}^{(20)}m_{020}^{(21)}m_{002}^{(00)} + 3m_{110}^{(20)}m_{011}^{(00)}m_{011}^{(21)} + m_{110}^{(20)}m_{011}^{(00)}m_{002}^{(11)} - 3m_{110}^{(20)}m_{011}^{(10)}m_{011}^{(20)}\\
&-m_{110}^{(20)}m_{011}^{(11)}m_{002}^{(00)} + 3(m_{110}^{(21)})^2m_{101}^{(20)} + (m_{110}^{(21)})^2m_{002}^{(00)} - 2m_{110}^{(21)}m_{101}^{(00)}m_{020}^{(22)}
\end{aligned}
$$

$$
\begin{aligned}
&-5m_{110}^{(21)}m_{101}^{(00)}m_{011}^{(21)} - m_{110}^{(21)}m_{101}^{(00)}m_{002}^{(11)} - 3m_{110}^{(21)}m_{101}^{(10)}m_{101}^{(21)} + 3m_{110}^{(21)}m_{101}^{(10)}m_{011}^{(20)}\\
&+3m_{110}^{(21)}m_{101}^{(11)}m_{101}^{(20)} + m_{110}^{(21)}m_{101}^{(11)}m_{002}^{(00)} + 3m_{110}^{(21)}m_{101}^{(20)}m_{020}^{(20)} + 4m_{110}^{(21)}m_{101}^{(20)}m_{011}^{(10)}\\
&-2m_{110}^{(21)}m_{101}^{(21)}m_{011}^{(00)} - m_{110}^{(21)}m_{101}^{(22)}m_{020}^{(00)} - m_{110}^{(21)}m_{020}^{(00)}m_{002}^{(20)} + m_{110}^{(21)}m_{020}^{(20)}m_{002}^{(00)}\\
&-2m_{110}^{(21)}m_{011}^{(00)}m_{002}^{(10)} + 2m_{110}^{(21)}m_{011}^{(10)}m_{002}^{(00)} + 2m_{110}^{(22)}m_{101}^{(00)}m_{020}^{(21)} + 2m_{110}^{(22)}m_{101}^{(00)}m_{011}^{(11)}\\
&-2m_{110}^{(22)}m_{101}^{(10)}m_{020}^{(20)} - 2m_{110}^{(22)}m_{101}^{(10)}m_{011}^{(10)} - m_{110}^{(22)}m_{101}^{(20)}m_{020}^{(10)} + m_{110}^{(22)}m_{101}^{(21)}m_{020}^{(00)}\\
&+m_{110}^{(22)}m_{020}^{(00)}m_{002}^{(10)} - m_{110}^{(22)}m_{020}^{(10)}m_{002}^{(00)} - m_{101}^{(00)}m_{101}^{(11)}m_{020}^{(22)} - 3m_{101}^{(00)}m_{101}^{(11)}m_{011}^{(21)}\\
&+5m_{101}^{(00)}m_{101}^{(21)}m_{020}^{(21)} + 3m_{101}^{(00)}m_{101}^{(21)}m_{011}^{(11)} - 4m_{101}^{(00)}m_{101}^{(22)}m_{020}^{(11)} + m_{101}^{(00)}m_{101}^{(10)}m_{020}^{(22)}\\
&+m_{101}^{(00)}m_{020}^{(10)}m_{002}^{(21)} - 2m_{101}^{(00)}m_{020}^{(11)}m_{002}^{(20)} - m_{101}^{(00)}m_{020}^{(20)}m_{011}^{(21)} - m_{101}^{(00)}m_{020}^{(20)}m_{002}^{(11)}\\
&+m_{101}^{(00)}m_{020}^{(21)}m_{011}^{(20)} + 2m_{101}^{(00)}m_{020}^{(21)}m_{002}^{(10)} - m_{101}^{(00)}m_{020}^{(22)}m_{011}^{(10)} - 3m_{101}^{(00)}m_{011}^{(10)}m_{011}^{(21)}\\
&+3m_{101}^{(00)}m_{011}^{(11)}m_{011}^{(20)} + (m_{101}^{(10)})^2m_{020}^{(22)} + 3(m_{101}^{(10)})^2m_{011}^{(21)} - 5m_{101}^{(10)}m_{101}^{(20)}m_{020}^{(21)}\\
&-3m_{101}^{(10)}m_{101}^{(20)}m_{011}^{(11)} - 2m_{101}^{(10)}m_{101}^{(21)}m_{020}^{(20)} - 3m_{101}^{(10)}m_{101}^{(21)}m_{011}^{(10)} + 5m_{101}^{(10)}m_{101}^{(22)}m_{020}^{(10)}\\
&-m_{101}^{(10)}m_{020}^{(00)}m_{011}^{(22)} - m_{101}^{(10)}m_{020}^{(00)}m_{002}^{(21)} + 3m_{101}^{(10)}m_{020}^{(10)}m_{002}^{(20)} - 2m_{101}^{(10)}m_{020}^{(21)}m_{002}^{(00)}\\
&+m_{101}^{(10)}m_{020}^{(22)}m_{011}^{(00)} + 3m_{101}^{(10)}m_{011}^{(00)}m_{011}^{(21)} - 3m_{101}^{(10)}m_{011}^{(10)}m_{011}^{(20)} + 2m_{101}^{(11)}m_{101}^{(20)}m_{020}^{(20)}\\
&+3m_{101}^{(11)}m_{101}^{(20)}m_{011}^{(10)} - m_{101}^{(11)}m_{101}^{(22)}m_{020}^{(00)} - m_{101}^{(11)}m_{020}^{(00)}m_{002}^{(20)} + m_{101}^{(11)}m_{020}^{(20)}m_{002}^{(00)}\\
&+4(m_{101}^{(20)})^2m_{020}^{(11)} - 5m_{101}^{(20)}m_{101}^{(21)}m_{020}^{(10)} + m_{101}^{(20)}m_{020}^{(00)}m_{011}^{(21)} + m_{101}^{(20)}m_{020}^{(00)}m_{002}^{(11)}\\
&-3m_{101}^{(20)}m_{020}^{(10)}m_{011}^{(20)} - 3m_{101}^{(20)}m_{020}^{(10)}m_{002}^{(10)} + 2m_{101}^{(20)}m_{020}^{(11)}m_{002}^{(00)} + 3m_{101}^{(20)}m_{020}^{(20)}m_{011}^{(10)}\\
&-m_{101}^{(20)}m_{020}^{(21)}m_{011}^{(00)} - 3m_{101}^{(20)}m_{011}^{(00)}m_{011}^{(11)} + 3m_{101}^{(20)}(m_{011}^{(10)})^2 + (m_{101}^{(21)})^2m_{020}^{(00)}\\
&+2m_{101}^{(21)}m_{020}^{(00)}m_{011}^{(20)} + m_{101}^{(21)}m_{020}^{(00)}m_{002}^{(10)} - m_{101}^{(21)}m_{020}^{(10)}m_{002}^{(00)} - 2m_{101}^{(21)}m_{020}^{(20)}m_{011}^{(00)}\\
&-2m_{101}^{(22)}m_{020}^{(00)}m_{011}^{(10)} + 2m_{101}^{(22)}m_{020}^{(10)}m_{011}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & 1 & V1 & 1\\
V2 & V2 & 2 & 2\\
V3 & V3 & 3 & 3
\end{array}
$$



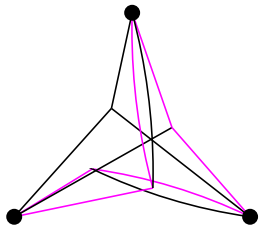
$$
\begin{aligned}
T_{34} \;=\;& m_{200}^{(00)}m_{020}^{(21)}m_{011}^{(22)} - m_{200}^{(00)}m_{020}^{(21)}m_{002}^{(21)} - m_{200}^{(00)}m_{020}^{(22)}m_{011}^{(21)} + m_{200}^{(00)}m_{020}^{(22)}m_{002}^{(11)}\\
&-m_{200}^{(00)}m_{011}^{(11)}m_{011}^{(22)} + m_{200}^{(00)}m_{011}^{(11)}m_{002}^{(21)} + m_{200}^{(00)}(m_{011}^{(21)})^2 - m_{200}^{(00)}m_{011}^{(21)}m_{002}^{(11)}\\
&+m_{200}^{(10)}m_{110}^{(11)}m_{002}^{(22)} - 2m_{200}^{(10)}m_{110}^{(21)}m_{011}^{(22)} + 2m_{200}^{(10)}m_{110}^{(22)}m_{011}^{(21)} - m_{200}^{(10)}m_{110}^{(22)}m_{002}^{(11)}\\
&-m_{200}^{(10)}m_{101}^{(11)}m_{011}^{(22)} + 2m_{200}^{(10)}m_{101}^{(21)}m_{020}^{(22)} - 2m_{200}^{(10)}m_{101}^{(22)}m_{020}^{(21)} + m_{200}^{(10)}m_{101}^{(22)}m_{011}^{(11)}
\end{aligned}
$$

$$
\begin{aligned}
&-m_{200}^{(10)}m_{020}^{(10)}m_{002}^{(22)}+2m_{200}^{(10)}m_{020}^{(20)}m_{011}^{(22)}-m_{200}^{(10)}m_{020}^{(20)}m_{002}^{(21)}+3m_{200}^{(10)}m_{020}^{(21)}m_{002}^{(20)}\\
&-2m_{200}^{(10)}m_{020}^{(22)}m_{011}^{(20)}-m_{200}^{(10)}m_{020}^{(22)}m_{002}^{(10)}+2m_{200}^{(10)}m_{011}^{(10)}m_{011}^{(22)}-2m_{200}^{(10)}m_{011}^{(11)}m_{002}^{(20)}\\
&-2m_{200}^{(10)}m_{011}^{(20)}m_{011}^{(21)}+2m_{200}^{(10)}m_{011}^{(20)}m_{002}^{(11)}-m_{200}^{(11)}m_{110}^{(10)}m_{002}^{(22)}-m_{200}^{(11)}m_{110}^{(20)}m_{011}^{(22)}\\
&+2m_{200}^{(11)}m_{110}^{(20)}m_{002}^{(21)}+3m_{200}^{(11)}m_{110}^{(21)}m_{101}^{(22)}-2m_{200}^{(11)}m_{110}^{(21)}m_{002}^{(20)}-3m_{200}^{(11)}m_{110}^{(22)}m_{101}^{(21)}\\
&+m_{200}^{(11)}m_{110}^{(22)}m_{011}^{(20)}+m_{200}^{(11)}m_{110}^{(22)}m_{002}^{(10)}+m_{200}^{(11)}m_{101}^{(10)}m_{011}^{(22)}+m_{200}^{(11)}m_{101}^{(20)}m_{020}^{(22)}\\
&-2m_{200}^{(11)}m_{101}^{(20)}m_{011}^{(21)}+2m_{200}^{(11)}m_{101}^{(21)}m_{011}^{(20)}-m_{200}^{(11)}m_{101}^{(22)}m_{020}^{(20)}-m_{200}^{(11)}m_{101}^{(22)}m_{011}^{(10)}\\
&+m_{200}^{(11)}m_{020}^{(00)}m_{002}^{(22)}-m_{200}^{(11)}m_{020}^{(20)}m_{002}^{(20)}-m_{200}^{(11)}m_{011}^{(00)}m_{011}^{(22)}-m_{200}^{(11)}m_{011}^{(00)}m_{002}^{(21)}\\
&+2m_{200}^{(11)}m_{011}^{(10)}m_{002}^{(20)}+m_{200}^{(11)}(m_{011}^{(20)})^2-2m_{200}^{(11)}m_{011}^{(20)}m_{002}^{(10)}+m_{200}^{(11)}m_{011}^{(21)}m_{002}^{(00)}\\
&+m_{200}^{(20)}m_{110}^{(11)}m_{011}^{(22)}-2m_{200}^{(20)}m_{110}^{(11)}m_{002}^{(21)}+2m_{200}^{(20)}m_{110}^{(21)}m_{002}^{(11)}-m_{200}^{(20)}m_{110}^{(22)}m_{011}^{(11)}\\
&-m_{200}^{(20)}m_{101}^{(11)}m_{020}^{(22)}+2m_{200}^{(20)}m_{101}^{(11)}m_{011}^{(21)}-2m_{200}^{(20)}m_{101}^{(21)}m_{011}^{(11)}+m_{200}^{(20)}m_{101}^{(22)}m_{020}^{(11)}\\
&-2m_{200}^{(20)}m_{020}^{(10)}m_{011}^{(22)}+3m_{200}^{(20)}m_{020}^{(10)}m_{002}^{(21)}-m_{200}^{(20)}m_{020}^{(11)}m_{002}^{(20)}-m_{200}^{(20)}m_{020}^{(20)}m_{002}^{(11)}\\
&-m_{200}^{(20)}m_{020}^{(21)}m_{002}^{(10)}+2m_{200}^{(20)}m_{020}^{(22)}m_{011}^{(10)}-2m_{200}^{(20)}m_{011}^{(10)}m_{011}^{(21)}-2m_{200}^{(20)}m_{011}^{(10)}m_{002}^{(11)}\\
&+2m_{200}^{(20)}m_{011}^{(11)}m_{011}^{(20)}+2m_{200}^{(20)}m_{011}^{(11)}m_{002}^{(10)}+2m_{200}^{(21)}m_{110}^{(10)}m_{011}^{(22)}-3m_{200}^{(21)}m_{110}^{(11)}m_{101}^{(22)}\\
&+2m_{200}^{(21)}m_{110}^{(11)}m_{002}^{(20)}-2m_{200}^{(21)}m_{110}^{(20)}m_{002}^{(11)}+3m_{200}^{(21)}m_{110}^{(22)}m_{101}^{(11)}-2m_{200}^{(21)}m_{110}^{(22)}m_{011}^{(10)}\\
&-2m_{200}^{(21)}m_{101}^{(10)}m_{020}^{(22)}-2m_{200}^{(21)}m_{101}^{(11)}m_{011}^{(20)}+2m_{200}^{(21)}m_{101}^{(20)}m_{011}^{(11)}+2m_{200}^{(21)}m_{101}^{(22)}m_{020}^{(10)}\\
&-m_{200}^{(21)}m_{020}^{(00)}m_{011}^{(22)}-m_{200}^{(21)}m_{020}^{(00)}m_{002}^{(21)}-m_{200}^{(21)}m_{020}^{(10)}m_{002}^{(20)}+3m_{200}^{(21)}m_{020}^{(20)}m_{002}^{(10)}\\
&-m_{200}^{(21)}m_{020}^{(21)}m_{002}^{(00)}+m_{200}^{(21)}m_{020}^{(22)}m_{011}^{(00)}+2m_{200}^{(21)}m_{011}^{(00)}m_{011}^{(21)}+m_{200}^{(21)}m_{011}^{(00)}m_{002}^{(11)}\\
&-2m_{200}^{(21)}m_{011}^{(10)}m_{011}^{(20)}-m_{200}^{(21)}m_{011}^{(11)}m_{002}^{(00)}-2m_{200}^{(22)}m_{110}^{(10)}m_{011}^{(21)}+m_{200}^{(22)}m_{110}^{(10)}m_{002}^{(11)}\\
&+3m_{200}^{(22)}m_{110}^{(11)}m_{101}^{(21)}-m_{200}^{(22)}m_{110}^{(11)}m_{011}^{(20)}-m_{200}^{(22)}m_{110}^{(11)}m_{002}^{(10)}+m_{200}^{(22)}m_{110}^{(20)}m_{011}^{(11)}\\
&-3m_{200}^{(22)}m_{110}^{(21)}m_{101}^{(11)}+2m_{200}^{(22)}m_{110}^{(21)}m_{011}^{(10)}+2m_{200}^{(22)}m_{101}^{(10)}m_{020}^{(21)}-m_{200}^{(22)}m_{101}^{(10)}m_{011}^{(11)}\\
&+m_{200}^{(22)}m_{101}^{(11)}m_{020}^{(20)}+m_{200}^{(22)}m_{101}^{(11)}m_{011}^{(10)}-m_{200}^{(22)}m_{101}^{(20)}m_{020}^{(11)}-2m_{200}^{(22)}m_{101}^{(21)}m_{020}^{(10)}\\
&+m_{200}^{(22)}m_{020}^{(00)}m_{011}^{(21)}+2m_{200}^{(22)}m_{020}^{(10)}m_{011}^{(20)}-m_{200}^{(22)}m_{020}^{(10)}m_{002}^{(10)}+m_{200}^{(22)}m_{020}^{(11)}m_{002}^{(00)}\\
&-2m_{200}^{(22)}m_{020}^{(20)}m_{011}^{(10)}-m_{200}^{(22)}m_{020}^{(21)}m_{011}^{(00)}-m_{200}^{(22)}m_{011}^{(00)}m_{011}^{(11)}+m_{200}^{(22)}(m_{011}^{(10)})^2\\
&-m_{110}^{(00)}m_{110}^{(11)}m_{002}^{(22)}+2m_{110}^{(00)}m_{110}^{(21)}m_{002}^{(21)}-m_{110}^{(00)}m_{110}^{(22)}m_{002}^{(11)}+2m_{110}^{(00)}m_{101}^{(11)}m_{011}^{(22)}\\
&-m_{110}^{(00)}m_{101}^{(11)}m_{002}^{(21)}-m_{110}^{(00)}m_{101}^{(21)}m_{020}^{(22)}-2m_{110}^{(00)}m_{101}^{(21)}m_{011}^{(21)}+m_{110}^{(00)}m_{101}^{(21)}m_{002}^{(11)}\\
&+m_{110}^{(00)}m_{101}^{(22)}m_{020}^{(21)}+m_{110}^{(00)}m_{020}^{(10)}m_{002}^{(22)}-3m_{110}^{(00)}m_{020}^{(20)}m_{011}^{(22)}+2m_{110}^{(00)}m_{020}^{(20)}m_{002}^{(21)}\\
&-2m_{110}^{(00)}m_{020}^{(21)}m_{002}^{(20)}+3m_{110}^{(00)}m_{020}^{(22)}m_{011}^{(20)}-m_{110}^{(00)}m_{020}^{(22)}m_{002}^{(10)}-2m_{110}^{(00)}m_{011}^{(10)}m_{002}^{(21)}\\
&+m_{110}^{(00)}m_{011}^{(11)}m_{002}^{(20)}-m_{110}^{(00)}m_{011}^{(20)}m_{002}^{(11)}+2m_{110}^{(00)}m_{011}^{(21)}m_{002}^{(10)}+(m_{110}^{(10)})^2m_{002}^{(22)}\\
&-2m_{110}^{(10)}m_{110}^{(20)}m_{002}^{(21)}-2m_{110}^{(10)}m_{110}^{(21)}m_{002}^{(20)}+2m_{110}^{(10)}m_{110}^{(22)}m_{002}^{(10)}-2m_{110}^{(10)}m_{101}^{(10)}m_{011}^{(22)}\\
&+2m_{110}^{(10)}m_{101}^{(11)}m_{002}^{(20)}-2m_{110}^{(10)}m_{101}^{(20)}m_{020}^{(22)}+6m_{110}^{(10)}m_{101}^{(20)}m_{011}^{(21)}-2m_{110}^{(10)}m_{101}^{(20)}m_{002}^{(11)}\\
&-2m_{110}^{(10)}m_{101}^{(21)}m_{011}^{(20)}+2m_{110}^{(10)}m_{101}^{(22)}m_{020}^{(20)}-2m_{110}^{(10)}m_{101}^{(22)}m_{011}^{(10)}-m_{110}^{(10)}m_{020}^{(00)}m_{002}^{(22)}\\
&+m_{110}^{(10)}m_{020}^{(22)}m_{002}^{(00)}+2m_{110}^{(10)}m_{011}^{(00)}m_{002}^{(21)}-2m_{110}^{(10)}m_{011}^{(21)}m_{002}^{(00)}+2m_{110}^{(11)}m_{110}^{(20)}m_{002}^{(20)}\\
&-m_{110}^{(11)}m_{110}^{(22)}m_{002}^{(00)}+m_{110}^{(11)}m_{101}^{(00)}m_{002}^{(21)}-2m_{110}^{(11)}m_{101}^{(10)}m_{002}^{(20)}-2m_{110}^{(11)}m_{101}^{(20)}m_{011}^{(20)}\\
&+2m_{110}^{(11)}m_{101}^{(20)}m_{002}^{(10)}-m_{110}^{(11)}m_{101}^{(21)}m_{002}^{(00)}+2m_{110}^{(11)}m_{101}^{(22)}m_{011}^{(00)}-m_{110}^{(11)}m_{011}^{(00)}m_{002}^{(20)}\\
&+m_{110}^{(11)}m_{011}^{(20)}m_{002}^{(00)}+(m_{110}^{(20)})^2m_{002}^{(11)}-2m_{110}^{(20)}m_{110}^{(21)}m_{002}^{(10)}+2m_{110}^{(20)}m_{101}^{(10)}m_{020}^{(22)}\\
&-2m_{110}^{(20)}m_{101}^{(10)}m_{011}^{(21)}+2m_{110}^{(20)}m_{101}^{(10)}m_{002}^{(11)}-2m_{110}^{(20)}m_{101}^{(11)}m_{011}^{(20)}-2m_{110}^{(20)}m_{101}^{(11)}m_{002}^{(10)}\\
&-2m_{110}^{(20)}m_{101}^{(20)}m_{011}^{(11)}+6m_{110}^{(20)}m_{101}^{(21)}m_{011}^{(10)}-2m_{110}^{(20)}m_{101}^{(22)}m_{020}^{(10)}+3m_{110}^{(20)}m_{020}^{(00)}m_{011}^{(22)}\\
&-2m_{110}^{(20)}m_{020}^{(00)}m_{002}^{(21)}+2m_{110}^{(20)}m_{020}^{(21)}m_{002}^{(00)}-3m_{110}^{(20)}m_{020}^{(22)}m_{011}^{(00)}+m_{110}^{(20)}m_{011}^{(00)}m_{002}^{(11)}
\end{aligned}
$$

$$
\begin{aligned}
&-m_{110}^{(20)}m_{011}^{(11)}m_{002}^{(00)} + (m_{110}^{(21)})^2m_{002}^{(00)} + m_{110}^{(21)}m_{101}^{(00)}m_{020}^{(22)} - 2m_{110}^{(21)}m_{101}^{(00)}m_{011}^{(21)}\\
&-m_{110}^{(21)}m_{101}^{(00)}m_{002}^{(11)} + 6m_{110}^{(21)}m_{101}^{(10)}m_{011}^{(20)} + m_{110}^{(21)}m_{101}^{(11)}m_{002}^{(00)} - 2m_{110}^{(21)}m_{101}^{(20)}m_{011}^{(10)}\\
&-2m_{110}^{(21)}m_{101}^{(21)}m_{011}^{(00)} - m_{110}^{(21)}m_{101}^{(22)}m_{020}^{(00)} + 2m_{110}^{(21)}m_{020}^{(00)}m_{002}^{(20)} - 2m_{110}^{(21)}m_{020}^{(20)}m_{002}^{(00)}\\
&-2m_{110}^{(21)}m_{011}^{(00)}m_{002}^{(10)} + 2m_{110}^{(21)}m_{011}^{(10)}m_{002}^{(00)} - m_{110}^{(22)}m_{101}^{(00)}m_{020}^{(21)} + 2m_{110}^{(22)}m_{101}^{(00)}m_{011}^{(11)}\\
&-2m_{110}^{(22)}m_{101}^{(10)}m_{020}^{(20)} - 2m_{110}^{(22)}m_{101}^{(10)}m_{011}^{(10)} + 2m_{110}^{(22)}m_{101}^{(20)}m_{020}^{(10)} + m_{110}^{(22)}m_{101}^{(21)}m_{020}^{(00)}\\
&-3m_{110}^{(22)}m_{020}^{(00)}m_{011}^{(20)} + m_{110}^{(22)}m_{020}^{(00)}m_{002}^{(10)} - m_{110}^{(22)}m_{020}^{(10)}m_{002}^{(00)} + 3m_{110}^{(22)}m_{020}^{(20)}m_{011}^{(00)}\\
&-m_{101}^{(00)}m_{101}^{(11)}m_{020}^{(22)} + 2m_{101}^{(00)}m_{101}^{(21)}m_{020}^{(21)} - m_{101}^{(00)}m_{101}^{(22)}m_{020}^{(11)} + m_{101}^{(00)}m_{020}^{(10)}m_{011}^{(22)}\\
&-2m_{101}^{(00)}m_{020}^{(10)}m_{002}^{(21)} + m_{101}^{(00)}m_{020}^{(11)}m_{002}^{(20)} + 2m_{101}^{(00)}m_{020}^{(20)}m_{011}^{(21)} - m_{101}^{(00)}m_{020}^{(20)}m_{002}^{(11)}\\
&-2m_{101}^{(00)}m_{020}^{(21)}m_{011}^{(20)} + 2m_{101}^{(00)}m_{020}^{(21)}m_{002}^{(10)} - m_{101}^{(00)}m_{020}^{(22)}m_{011}^{(10)} + 3m_{101}^{(00)}m_{011}^{(10)}m_{002}^{(11)}\\
&-3m_{101}^{(00)}m_{011}^{(11)}m_{002}^{(10)} + (m_{101}^{(10)})^2m_{020}^{(22)} - 2m_{101}^{(10)}m_{101}^{(20)}m_{020}^{(21)} - 2m_{101}^{(10)}m_{101}^{(21)}m_{020}^{(20)}\\
&+2m_{101}^{(10)}m_{101}^{(22)}m_{020}^{(10)} - m_{101}^{(10)}m_{020}^{(00)}m_{011}^{(22)} + 2m_{101}^{(10)}m_{020}^{(00)}m_{002}^{(21)} - 2m_{101}^{(10)}m_{020}^{(21)}m_{002}^{(00)}\\
&+m_{101}^{(10)}m_{020}^{(22)}m_{011}^{(00)} - 3m_{101}^{(10)}m_{011}^{(00)}m_{002}^{(11)} + 3m_{101}^{(10)}m_{011}^{(11)}m_{002}^{(00)} + 2m_{101}^{(11)}m_{101}^{(20)}m_{020}^{(20)}\\
&-m_{101}^{(11)}m_{101}^{(22)}m_{020}^{(00)} - m_{101}^{(11)}m_{020}^{(00)}m_{002}^{(20)} + m_{101}^{(11)}m_{020}^{(20)}m_{002}^{(00)} + 3m_{101}^{(11)}m_{011}^{(00)}m_{002}^{(10)}\\
&-3m_{101}^{(11)}m_{011}^{(10)}m_{002}^{(00)} + (m_{101}^{(20)})^2m_{020}^{(11)} - 2m_{101}^{(20)}m_{101}^{(21)}m_{020}^{(10)} - 2m_{101}^{(20)}m_{020}^{(00)}m_{011}^{(21)}\\
&+m_{101}^{(20)}m_{020}^{(00)}m_{002}^{(11)} - m_{101}^{(20)}m_{020}^{(11)}m_{002}^{(00)} + 2m_{101}^{(20)}m_{020}^{(21)}m_{011}^{(00)} + (m_{101}^{(21)})^2m_{020}^{(00)}\\
&+2m_{101}^{(21)}m_{020}^{(00)}m_{011}^{(20)} - 2m_{101}^{(21)}m_{020}^{(00)}m_{002}^{(10)} + 2m_{101}^{(21)}m_{020}^{(10)}m_{002}^{(00)} - 2m_{101}^{(21)}m_{020}^{(20)}m_{011}^{(00)}\\
&+m_{101}^{(22)}m_{020}^{(00)}m_{011}^{(10)} - m_{101}^{(22)}m_{020}^{(10)}m_{011}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & 1 & 1 & V1\\
V2 & V2 & 2 & V3\\
2 & V3 & 3 & 3
\end{array}
$$



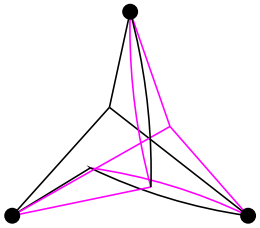
$$
\begin{aligned}
T_{35} \;=\;& 2m_{200}^{(00)}m_{020}^{(21)}m_{011}^{(22)} - 2m_{200}^{(00)}m_{020}^{(21)}m_{002}^{(21)} - 2m_{200}^{(00)}m_{020}^{(22)}m_{011}^{(21)} + 2m_{200}^{(00)}m_{020}^{(22)}m_{002}^{(11)}\\
&-2m_{200}^{(00)}m_{011}^{(11)}m_{011}^{(22)} + 2m_{200}^{(00)}m_{011}^{(11)}m_{002}^{(21)} + 2m_{200}^{(00)}(m_{011}^{(21)})^2 - 2m_{200}^{(00)}m_{011}^{(21)}m_{002}^{(11)}\\
&+2m_{200}^{(10)}m_{110}^{(11)}m_{002}^{(22)} - m_{200}^{(10)}m_{110}^{(21)}m_{011}^{(22)} - 3m_{200}^{(10)}m_{110}^{(21)}m_{002}^{(21)} + m_{200}^{(10)}m_{110}^{(22)}m_{011}^{(21)}\\
&+m_{200}^{(10)}m_{110}^{(22)}m_{002}^{(11)} - 2m_{200}^{(10)}m_{101}^{(11)}m_{011}^{(22)} + m_{200}^{(10)}m_{101}^{(21)}m_{020}^{(22)} + 3m_{200}^{(10)}m_{101}^{(21)}m_{011}^{(21)}\\
&-m_{200}^{(10)}m_{101}^{(22)}m_{020}^{(21)} - m_{200}^{(10)}m_{101}^{(22)}m_{011}^{(11)} - 2m_{200}^{(10)}m_{020}^{(10)}m_{002}^{(22)} - 2m_{200}^{(10)}m_{020}^{(20)}m_{011}^{(22)}\\
&+4m_{200}^{(10)}m_{020}^{(20)}m_{002}^{(21)} + 3m_{200}^{(10)}m_{020}^{(21)}m_{002}^{(20)} + 2m_{200}^{(10)}m_{020}^{(22)}m_{011}^{(20)} - 5m_{200}^{(10)}m_{020}^{(22)}m_{002}^{(10)}
\end{aligned}
$$

$$
\begin{aligned}
&+7m_{200}^{(10)}m_{011}^{(10)}m_{011}^{(22)} - 3m_{200}^{(10)}m_{011}^{(10)}m_{002}^{(21)} - m_{200}^{(10)}m_{011}^{(11)}m_{002}^{(20)} - 7m_{200}^{(10)}m_{011}^{(20)}m_{011}^{(21)}\\
&+m_{200}^{(10)}m_{011}^{(20)}m_{002}^{(11)} + 3m_{200}^{(10)}m_{011}^{(21)}m_{002}^{(10)} - 2m_{200}^{(11)}m_{110}^{(10)}m_{002}^{(22)} + m_{200}^{(11)}m_{110}^{(20)}m_{011}^{(22)}\\
&+m_{200}^{(11)}m_{110}^{(20)}m_{002}^{(21)} + 2m_{200}^{(11)}m_{110}^{(21)}m_{002}^{(20)} - m_{200}^{(11)}m_{110}^{(22)}m_{011}^{(20)} - m_{200}^{(11)}m_{110}^{(22)}m_{002}^{(10)}\\
&+2m_{200}^{(11)}m_{101}^{(10)}m_{011}^{(22)} - m_{200}^{(11)}m_{101}^{(20)}m_{020}^{(22)} - m_{200}^{(11)}m_{101}^{(20)}m_{011}^{(21)} - 2m_{200}^{(11)}m_{101}^{(21)}m_{011}^{(20)}\\
&+m_{200}^{(11)}m_{101}^{(22)}m_{020}^{(20)} + m_{200}^{(11)}m_{101}^{(22)}m_{011}^{(10)} + 2m_{200}^{(11)}m_{020}^{(00)}m_{002}^{(22)} - 5m_{200}^{(11)}m_{020}^{(20)}m_{002}^{(20)}\\
&+3m_{200}^{(11)}m_{020}^{(22)}m_{002}^{(00)} - 5m_{200}^{(11)}m_{011}^{(00)}m_{011}^{(22)} + m_{200}^{(11)}m_{011}^{(00)}m_{002}^{(21)} + m_{200}^{(11)}m_{011}^{(10)}m_{002}^{(20)}\\
&+5m_{200}^{(11)}(m_{011}^{(20)})^2 - m_{200}^{(11)}m_{011}^{(20)}m_{002}^{(10)} - m_{200}^{(11)}m_{011}^{(21)}m_{002}^{(00)} - m_{200}^{(20)}m_{110}^{(11)}m_{011}^{(22)}\\
&-m_{200}^{(20)}m_{110}^{(11)}m_{002}^{(21)} + 3m_{200}^{(20)}m_{110}^{(21)}m_{011}^{(21)} + m_{200}^{(20)}m_{110}^{(21)}m_{002}^{(11)} - 2m_{200}^{(20)}m_{110}^{(22)}m_{011}^{(11)}\\
&+m_{200}^{(20)}m_{101}^{(11)}m_{020}^{(22)} + m_{200}^{(20)}m_{101}^{(11)}m_{011}^{(21)} - 3m_{200}^{(20)}m_{101}^{(21)}m_{020}^{(21)} - m_{200}^{(20)}m_{101}^{(21)}m_{011}^{(11)}\\
&+2m_{200}^{(20)}m_{101}^{(22)}m_{020}^{(11)} - m_{200}^{(20)}m_{020}^{(10)}m_{011}^{(22)} + 3m_{200}^{(20)}m_{020}^{(10)}m_{002}^{(21)} - 2m_{200}^{(20)}m_{020}^{(11)}m_{002}^{(20)}\\
&+3m_{200}^{(20)}m_{020}^{(20)}m_{011}^{(21)} - 5m_{200}^{(20)}m_{020}^{(20)}m_{002}^{(11)} - 3m_{200}^{(20)}m_{020}^{(21)}m_{011}^{(20)} + 4m_{200}^{(20)}m_{020}^{(21)}m_{002}^{(10)}\\
&+m_{200}^{(20)}m_{020}^{(22)}m_{011}^{(10)} - 7m_{200}^{(20)}m_{011}^{(10)}m_{011}^{(21)} + 2m_{200}^{(20)}m_{011}^{(10)}m_{002}^{(11)} + 7m_{200}^{(20)}m_{011}^{(11)}m_{011}^{(20)}\\
&-2m_{200}^{(20)}m_{011}^{(11)}m_{002}^{(10)} + m_{200}^{(21)}m_{110}^{(10)}m_{011}^{(22)} + 3m_{200}^{(21)}m_{110}^{(10)}m_{002}^{(21)} - 2m_{200}^{(21)}m_{110}^{(11)}m_{002}^{(20)}\\
&-3m_{200}^{(21)}m_{110}^{(20)}m_{011}^{(21)} - m_{200}^{(21)}m_{110}^{(20)}m_{002}^{(11)} + 2m_{200}^{(21)}m_{110}^{(22)}m_{011}^{(10)} - m_{200}^{(21)}m_{101}^{(10)}m_{020}^{(22)}\\
&-3m_{200}^{(21)}m_{101}^{(10)}m_{011}^{(21)} + 2m_{200}^{(21)}m_{101}^{(11)}m_{011}^{(20)} + 3m_{200}^{(21)}m_{101}^{(20)}m_{020}^{(21)} + m_{200}^{(21)}m_{101}^{(20)}m_{011}^{(11)}\\
&-2m_{200}^{(21)}m_{101}^{(22)}m_{020}^{(10)} + m_{200}^{(21)}m_{020}^{(00)}m_{011}^{(22)} - 5m_{200}^{(21)}m_{020}^{(00)}m_{002}^{(21)} + 4m_{200}^{(21)}m_{020}^{(10)}m_{002}^{(20)}\\
&+6m_{200}^{(21)}m_{020}^{(20)}m_{002}^{(10)} - 5m_{200}^{(21)}m_{020}^{(21)}m_{002}^{(00)} - m_{200}^{(21)}m_{020}^{(22)}m_{011}^{(00)} + 10m_{200}^{(21)}m_{011}^{(00)}m_{011}^{(21)}\\
&-m_{200}^{(21)}m_{011}^{(00)}m_{002}^{(11)} - 10m_{200}^{(21)}m_{011}^{(10)}m_{011}^{(20)} + m_{200}^{(21)}m_{011}^{(11)}m_{002}^{(00)} - m_{200}^{(22)}m_{110}^{(10)}m_{011}^{(21)}\\
&-m_{200}^{(22)}m_{110}^{(10)}m_{002}^{(11)} + m_{200}^{(22)}m_{110}^{(11)}m_{011}^{(20)} + m_{200}^{(22)}m_{110}^{(11)}m_{002}^{(10)} + 2m_{200}^{(22)}m_{110}^{(20)}m_{011}^{(11)}\\
&-2m_{200}^{(22)}m_{110}^{(21)}m_{011}^{(10)} + m_{200}^{(22)}m_{101}^{(10)}m_{020}^{(21)} + m_{200}^{(22)}m_{101}^{(10)}m_{011}^{(11)} - m_{200}^{(22)}m_{101}^{(11)}m_{020}^{(20)}\\
&-m_{200}^{(22)}m_{101}^{(11)}m_{011}^{(10)} - 2m_{200}^{(22)}m_{101}^{(20)}m_{020}^{(11)} + 2m_{200}^{(22)}m_{101}^{(21)}m_{020}^{(10)} - m_{200}^{(22)}m_{020}^{(00)}m_{011}^{(21)}\\
&+3m_{200}^{(22)}m_{020}^{(00)}m_{002}^{(11)} + m_{200}^{(22)}m_{020}^{(10)}m_{011}^{(20)} - 5m_{200}^{(22)}m_{020}^{(10)}m_{002}^{(10)} + 2m_{200}^{(22)}m_{020}^{(11)}m_{002}^{(00)}\\
&-m_{200}^{(22)}m_{020}^{(20)}m_{011}^{(10)} + m_{200}^{(22)}m_{020}^{(21)}m_{011}^{(00)} - 5m_{200}^{(22)}m_{011}^{(00)}m_{011}^{(11)} + 5m_{200}^{(22)}(m_{011}^{(10)})^2\\
&-2m_{110}^{(00)}m_{110}^{(11)}m_{002}^{(22)} - 3m_{110}^{(00)}m_{110}^{(21)}m_{011}^{(22)} + 7m_{110}^{(00)}m_{110}^{(21)}m_{002}^{(21)} + 3m_{110}^{(00)}m_{110}^{(22)}m_{011}^{(21)}\\
&-5m_{110}^{(00)}m_{110}^{(22)}m_{002}^{(11)} + 4m_{110}^{(00)}m_{101}^{(11)}m_{011}^{(22)} - 2m_{110}^{(00)}m_{101}^{(11)}m_{002}^{(21)} + m_{110}^{(00)}m_{101}^{(21)}m_{020}^{(22)}\\
&-7m_{110}^{(00)}m_{101}^{(21)}m_{011}^{(21)} + 2m_{110}^{(00)}m_{101}^{(21)}m_{002}^{(11)} - m_{110}^{(00)}m_{101}^{(22)}m_{020}^{(21)} + 3m_{110}^{(00)}m_{101}^{(22)}m_{011}^{(11)}\\
&+2m_{110}^{(00)}m_{020}^{(10)}m_{002}^{(22)} - 2m_{110}^{(00)}m_{020}^{(20)}m_{002}^{(21)} - m_{110}^{(00)}m_{020}^{(21)}m_{002}^{(20)} + m_{110}^{(00)}m_{020}^{(22)}m_{002}^{(10)}\\
&-3m_{110}^{(00)}m_{011}^{(10)}m_{011}^{(22)} - m_{110}^{(00)}m_{011}^{(10)}m_{002}^{(21)} - m_{110}^{(00)}m_{011}^{(11)}m_{002}^{(20)} + 3m_{110}^{(00)}m_{011}^{(20)}m_{011}^{(21)}\\
&+m_{110}^{(00)}m_{011}^{(20)}m_{002}^{(11)} + m_{110}^{(00)}m_{011}^{(21)}m_{002}^{(10)} + 2(m_{110}^{(10)})^2m_{002}^{(22)} + 3m_{110}^{(10)}m_{110}^{(20)}m_{011}^{(22)}\\
&-7m_{110}^{(10)}m_{110}^{(20)}m_{002}^{(21)} + 3m_{110}^{(10)}m_{110}^{(21)}m_{101}^{(22)} - 7m_{110}^{(10)}m_{110}^{(21)}m_{002}^{(20)} - 3m_{110}^{(10)}m_{110}^{(22)}m_{101}^{(21)}\\
&-3m_{110}^{(10)}m_{110}^{(22)}m_{011}^{(20)} + 10m_{110}^{(10)}m_{110}^{(22)}m_{002}^{(10)} - 7m_{110}^{(10)}m_{101}^{(10)}m_{011}^{(22)} + 3m_{110}^{(10)}m_{101}^{(10)}m_{002}^{(21)}\\
&+3m_{110}^{(10)}m_{101}^{(11)}m_{101}^{(22)} + m_{110}^{(10)}m_{101}^{(11)}m_{002}^{(20)} - m_{110}^{(10)}m_{101}^{(20)}m_{020}^{(22)} + 6m_{110}^{(10)}m_{101}^{(20)}m_{011}^{(21)}\\
&-m_{110}^{(10)}m_{101}^{(20)}m_{002}^{(11)} - 3m_{110}^{(10)}(m_{101}^{(21)})^2 + 8m_{110}^{(10)}m_{101}^{(21)}m_{011}^{(20)} - 3m_{110}^{(10)}m_{101}^{(21)}m_{002}^{(10)}\\
&+m_{110}^{(10)}m_{101}^{(22)}m_{020}^{(20)} - 7m_{110}^{(10)}m_{101}^{(22)}m_{011}^{(10)} - 2m_{110}^{(10)}m_{020}^{(00)}m_{002}^{(22)} + 3m_{110}^{(10)}m_{020}^{(20)}m_{002}^{(20)}\\
&-m_{110}^{(10)}m_{020}^{(22)}m_{002}^{(00)} + 3m_{110}^{(10)}m_{011}^{(00)}m_{011}^{(22)} + m_{110}^{(10)}m_{011}^{(00)}m_{002}^{(21)} + 3m_{110}^{(10)}m_{011}^{(10)}m_{002}^{(20)}\\
&-3m_{110}^{(10)}(m_{011}^{(20)})^2 - 3m_{110}^{(10)}m_{011}^{(20)}m_{002}^{(10)} - m_{110}^{(10)}m_{011}^{(21)}m_{002}^{(00)} - 3m_{110}^{(11)}m_{110}^{(20)}m_{101}^{(22)}\\
&+7m_{110}^{(11)}m_{110}^{(20)}m_{002}^{(20)} + 3m_{110}^{(11)}m_{110}^{(22)}m_{101}^{(20)} - 5m_{110}^{(11)}m_{110}^{(22)}m_{002}^{(00)} + 3m_{110}^{(11)}m_{101}^{(00)}m_{011}^{(22)}\\
&-m_{110}^{(11)}m_{101}^{(00)}m_{002}^{(21)} - 3m_{110}^{(11)}m_{101}^{(10)}m_{101}^{(22)} - m_{110}^{(11)}m_{101}^{(10)}m_{002}^{(20)} + 3m_{110}^{(11)}m_{101}^{(20)}m_{101}^{(21)}
\end{aligned}
$$

$$
\begin{aligned}
&-7m_{110}^{(11)}m_{101}^{(20)}m_{011}^{(20)} + m_{110}^{(11)}m_{101}^{(20)}m_{002}^{(10)} + m_{110}^{(11)}m_{101}^{(21)}m_{002}^{(00)} + 4m_{110}^{(11)}m_{101}^{(22)}m_{011}^{(00)}\\
&-2m_{110}^{(11)}m_{011}^{(00)}m_{002}^{(20)} + 2m_{110}^{(11)}m_{011}^{(20)}m_{002}^{(00)} - 3(m_{110}^{(20)})^2m_{011}^{(21)} + 5(m_{110}^{(20)})^2m_{002}^{(11)}\\
&+3m_{110}^{(20)}m_{110}^{(21)}m_{101}^{(21)} + 3m_{110}^{(20)}m_{110}^{(21)}m_{011}^{(20)} - 10m_{110}^{(20)}m_{110}^{(21)}m_{002}^{(10)} - 2m_{110}^{(20)}m_{101}^{(10)}m_{020}^{(22)}\\
&+8m_{110}^{(20)}m_{101}^{(10)}m_{011}^{(21)} - 2m_{110}^{(20)}m_{101}^{(10)}m_{002}^{(11)} - 10m_{110}^{(20)}m_{101}^{(11)}m_{011}^{(20)} + 2m_{110}^{(20)}m_{101}^{(11)}m_{002}^{(10)}\\
&+3m_{110}^{(20)}m_{101}^{(20)}m_{020}^{(21)} - 7m_{110}^{(20)}m_{101}^{(20)}m_{011}^{(11)} + 9m_{110}^{(20)}m_{101}^{(21)}m_{011}^{(10)} - m_{110}^{(20)}m_{101}^{(22)}m_{020}^{(10)}\\
&+2m_{110}^{(20)}m_{020}^{(00)}m_{002}^{(21)} - 3m_{110}^{(20)}m_{020}^{(10)}m_{002}^{(20)} + m_{110}^{(20)}m_{020}^{(21)}m_{002}^{(00)} - 3m_{110}^{(20)}m_{011}^{(00)}m_{011}^{(21)}\\
&-m_{110}^{(20)}m_{011}^{(00)}m_{002}^{(11)} + 3m_{110}^{(20)}m_{011}^{(10)}m_{011}^{(20)} + m_{110}^{(20)}m_{011}^{(11)}m_{002}^{(00)} - 3(m_{110}^{(21)})^2m_{101}^{(20)}\\
&+5(m_{110}^{(21)})^2m_{002}^{(00)} + 2m_{110}^{(21)}m_{101}^{(00)}m_{020}^{(22)} - 7m_{110}^{(21)}m_{101}^{(00)}m_{011}^{(21)} + m_{110}^{(21)}m_{101}^{(00)}m_{002}^{(11)}\\
&+3m_{110}^{(21)}m_{101}^{(10)}m_{101}^{(21)} + 9m_{110}^{(21)}m_{101}^{(10)}m_{011}^{(20)} - 3m_{110}^{(21)}m_{101}^{(11)}m_{101}^{(20)} - m_{110}^{(21)}m_{101}^{(11)}m_{002}^{(00)}\\
&-3m_{110}^{(21)}m_{101}^{(20)}m_{020}^{(20)} + 8m_{110}^{(21)}m_{101}^{(20)}m_{011}^{(10)} - 10m_{110}^{(21)}m_{101}^{(21)}m_{011}^{(00)} + m_{110}^{(21)}m_{101}^{(22)}m_{020}^{(00)}\\
&+m_{110}^{(21)}m_{020}^{(00)}m_{002}^{(20)} - m_{110}^{(21)}m_{020}^{(20)}m_{002}^{(00)} + 2m_{110}^{(21)}m_{011}^{(00)}m_{002}^{(10)} - 2m_{110}^{(21)}m_{011}^{(10)}m_{002}^{(00)}\\
&-2m_{110}^{(22)}m_{101}^{(00)}m_{020}^{(21)} + 4m_{110}^{(22)}m_{101}^{(00)}m_{011}^{(11)} + 2m_{110}^{(22)}m_{101}^{(10)}m_{020}^{(20)} - 10m_{110}^{(22)}m_{101}^{(10)}m_{011}^{(10)}\\
&+6m_{110}^{(22)}m_{101}^{(11)}m_{011}^{(00)} + m_{110}^{(22)}m_{101}^{(20)}m_{020}^{(10)} - m_{110}^{(22)}m_{101}^{(21)}m_{020}^{(00)} - m_{110}^{(22)}m_{020}^{(00)}m_{002}^{(10)}\\
&+m_{110}^{(22)}m_{020}^{(10)}m_{002}^{(00)} - 5m_{101}^{(00)}m_{101}^{(11)}m_{020}^{(22)} + 3m_{101}^{(00)}m_{101}^{(11)}m_{011}^{(21)} + 7m_{101}^{(00)}m_{101}^{(21)}m_{020}^{(21)}\\
&-3m_{101}^{(00)}m_{101}^{(21)}m_{011}^{(11)} - 2m_{101}^{(00)}m_{101}^{(22)}m_{020}^{(11)} - m_{101}^{(00)}m_{020}^{(10)}m_{011}^{(22)} - m_{101}^{(00)}m_{020}^{(10)}m_{002}^{(21)}\\
&+2m_{101}^{(00)}m_{020}^{(11)}m_{002}^{(20)} + m_{101}^{(00)}m_{020}^{(20)}m_{011}^{(21)} + m_{101}^{(00)}m_{020}^{(20)}m_{002}^{(11)} - m_{101}^{(00)}m_{020}^{(21)}m_{011}^{(20)}\\
&-2m_{101}^{(00)}m_{020}^{(21)}m_{002}^{(10)} + m_{101}^{(00)}m_{020}^{(22)}m_{011}^{(10)} + 3m_{101}^{(00)}m_{011}^{(10)}m_{011}^{(21)} - 3m_{101}^{(00)}m_{011}^{(11)}m_{011}^{(20)}\\
&+5(m_{101}^{(10)})^2m_{020}^{(22)} - 3(m_{101}^{(10)})^2m_{011}^{(21)} - 7m_{101}^{(10)}m_{101}^{(20)}m_{020}^{(21)} + 3m_{101}^{(10)}m_{101}^{(20)}m_{011}^{(11)}\\
&-10m_{101}^{(10)}m_{101}^{(21)}m_{020}^{(20)} + 3m_{101}^{(10)}m_{101}^{(21)}m_{011}^{(10)} + 7m_{101}^{(10)}m_{101}^{(22)}m_{020}^{(10)} + m_{101}^{(10)}m_{020}^{(00)}m_{011}^{(22)}\\
&+m_{101}^{(10)}m_{020}^{(00)}m_{002}^{(21)} - 3m_{101}^{(10)}m_{020}^{(10)}m_{002}^{(20)} + 2m_{101}^{(10)}m_{020}^{(21)}m_{002}^{(00)} - m_{101}^{(10)}m_{020}^{(22)}m_{011}^{(00)}\\
&-3m_{101}^{(10)}m_{011}^{(00)}m_{011}^{(21)} + 3m_{101}^{(10)}m_{011}^{(10)}m_{011}^{(20)} + 10m_{101}^{(11)}m_{101}^{(20)}m_{020}^{(20)} - 3m_{101}^{(11)}m_{101}^{(20)}m_{011}^{(10)}\\
&-5m_{101}^{(11)}m_{101}^{(22)}m_{020}^{(00)} + m_{101}^{(11)}m_{020}^{(00)}m_{002}^{(20)} - m_{101}^{(11)}m_{020}^{(20)}m_{002}^{(00)} + 2(m_{101}^{(20)})^2m_{020}^{(11)}\\
&-7m_{101}^{(20)}m_{101}^{(21)}m_{020}^{(10)} - m_{101}^{(20)}m_{020}^{(00)}m_{011}^{(21)} - m_{101}^{(20)}m_{020}^{(00)}m_{002}^{(11)} + 3m_{101}^{(20)}m_{020}^{(10)}m_{011}^{(20)}\\
&+3m_{101}^{(20)}m_{020}^{(10)}m_{002}^{(10)} - 2m_{101}^{(20)}m_{020}^{(11)}m_{002}^{(00)} - 3m_{101}^{(20)}m_{020}^{(20)}m_{011}^{(10)} + m_{101}^{(20)}m_{020}^{(21)}m_{011}^{(00)}\\
&+3m_{101}^{(20)}m_{011}^{(00)}m_{011}^{(11)} - 3m_{101}^{(20)}(m_{011}^{(10)})^2 + 5(m_{101}^{(21)})^2m_{020}^{(00)} - 2m_{101}^{(21)}m_{020}^{(00)}m_{011}^{(20)}\\
&-m_{101}^{(21)}m_{020}^{(00)}m_{002}^{(10)} + m_{101}^{(21)}m_{020}^{(10)}m_{002}^{(00)} + 2m_{101}^{(21)}m_{020}^{(20)}m_{011}^{(00)} + 2m_{101}^{(22)}m_{020}^{(00)}m_{011}^{(10)}\\
&-2m_{101}^{(22)}m_{020}^{(10)}m_{011}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & V1 & 1 & 1\\
V2 & V2 & 2 & V3\\
2 & V3 & 3 & 3
\end{array}
$$



$$
\begin{aligned}
T_{36} \;=\;& 2m_{200}^{(00)}m_{020}^{(21)}m_{011}^{(22)} - 2m_{200}^{(00)}m_{020}^{(21)}m_{002}^{(21)} - m_{200}^{(00)}(m_{020}^{(22)})^2 + 2m_{200}^{(00)}m_{020}^{(22)}m_{011}^{(21)} \\
& -2m_{200}^{(00)}m_{011}^{(11)}m_{011}^{(22)} + 2m_{200}^{(00)}m_{011}^{(11)}m_{002}^{(21)} - 2m_{200}^{(00)}(m_{011}^{(21)})^2 + 2m_{200}^{(00)}m_{011}^{(21)}m_{002}^{(11)} \\
& -m_{200}^{(00)}(m_{002}^{(11)})^2 + 2m_{200}^{(10)}m_{110}^{(11)}m_{002}^{(22)} - 4m_{200}^{(10)}m_{110}^{(21)}m_{011}^{(22)} + 2m_{200}^{(10)}m_{110}^{(22)}m_{020}^{(22)} \\
& -2m_{200}^{(10)}m_{101}^{(11)}m_{011}^{(22)} + 2m_{200}^{(10)}m_{101}^{(21)}m_{020}^{(22)} + 4m_{200}^{(10)}m_{101}^{(21)}m_{011}^{(21)} - 2m_{200}^{(10)}m_{101}^{(21)}m_{002}^{(11)} \\
& -4m_{200}^{(10)}m_{101}^{(22)}m_{020}^{(21)} + 2m_{200}^{(10)}m_{101}^{(22)}m_{011}^{(11)} - 2m_{200}^{(10)}m_{020}^{(10)}m_{002}^{(22)} + 4m_{200}^{(10)}m_{020}^{(20)}m_{011}^{(22)} \\
& -2m_{200}^{(10)}m_{020}^{(20)}m_{002}^{(21)} + 6m_{200}^{(10)}m_{020}^{(21)}m_{002}^{(20)} - 6m_{200}^{(10)}m_{020}^{(22)}m_{011}^{(20)} + 4m_{200}^{(10)}m_{011}^{(10)}m_{011}^{(22)} \\
& -4m_{200}^{(10)}m_{011}^{(11)}m_{002}^{(20)} + 2m_{200}^{(10)}m_{011}^{(20)}m_{002}^{(11)} - 4m_{200}^{(10)}m_{011}^{(21)}m_{002}^{(10)} + 2m_{200}^{(10)}m_{002}^{(10)}m_{002}^{(11)} \\
& -(m_{200}^{(11)})^2m_{002}^{(22)} + 2m_{200}^{(11)}m_{200}^{(21)}m_{011}^{(22)} + 2m_{200}^{(11)}m_{200}^{(21)}m_{002}^{(21)} - 2m_{200}^{(11)}m_{200}^{(22)}m_{011}^{(21)} \\
& +2m_{200}^{(11)}m_{110}^{(10)}m_{002}^{(22)} - 4m_{200}^{(11)}m_{110}^{(20)}m_{011}^{(22)} + 2m_{200}^{(11)}m_{110}^{(20)}m_{002}^{(21)} + 4m_{200}^{(11)}m_{110}^{(21)}m_{101}^{(22)} \\
& -6m_{200}^{(11)}m_{110}^{(21)}m_{002}^{(20)} - m_{200}^{(11)}(m_{110}^{(22)})^2 - 2m_{200}^{(11)}m_{110}^{(22)}m_{101}^{(21)} + 6m_{200}^{(11)}m_{110}^{(22)}m_{011}^{(20)} \\
& -2m_{200}^{(11)}m_{101}^{(10)}m_{002}^{(21)} + 2m_{200}^{(11)}m_{101}^{(11)}m_{101}^{(22)} + 2m_{200}^{(11)}m_{101}^{(11)}m_{002}^{(20)} + 4m_{200}^{(11)}m_{101}^{(20)}m_{011}^{(21)} \\
& -2m_{200}^{(11)}m_{101}^{(20)}m_{002}^{(11)} - 3m_{200}^{(11)}(m_{101}^{(21)})^2 - 2m_{200}^{(11)}m_{101}^{(21)}m_{011}^{(20)} + 4m_{200}^{(11)}m_{101}^{(21)}m_{002}^{(10)} \\
& -4m_{200}^{(11)}m_{101}^{(22)}m_{011}^{(10)} + 2m_{200}^{(11)}m_{011}^{(10)}m_{002}^{(20)} - m_{200}^{(11)}(m_{011}^{(20)})^2 - m_{200}^{(11)}(m_{002}^{(10)})^2 \\
& +2m_{200}^{(20)}m_{110}^{(11)}m_{011}^{(22)} - 4m_{200}^{(20)}m_{110}^{(11)}m_{002}^{(21)} - 2m_{200}^{(20)}m_{110}^{(21)}m_{020}^{(22)} + 4m_{200}^{(20)}m_{110}^{(21)}m_{011}^{(21)} \\
& +2m_{200}^{(20)}m_{110}^{(21)}m_{002}^{(11)} - 2m_{200}^{(20)}m_{110}^{(22)}m_{011}^{(11)} + 2m_{200}^{(20)}m_{101}^{(11)}m_{002}^{(11)} - 4m_{200}^{(20)}m_{101}^{(21)}m_{011}^{(11)} \\
& +2m_{200}^{(20)}m_{101}^{(22)}m_{020}^{(11)} - 4m_{200}^{(20)}m_{020}^{(10)}m_{011}^{(22)} + 6m_{200}^{(20)}m_{020}^{(10)}m_{002}^{(21)} - 2m_{200}^{(20)}m_{020}^{(11)}m_{002}^{(20)} \\
& +2m_{200}^{(20)}m_{020}^{(20)}m_{020}^{(22)} - 4m_{200}^{(20)}m_{020}^{(20)}m_{011}^{(21)} - 2m_{200}^{(20)}m_{020}^{(21)}m_{002}^{(10)} + 2m_{200}^{(20)}m_{020}^{(22)}m_{011}^{(10)} \\
& -6m_{200}^{(20)}m_{011}^{(10)}m_{002}^{(11)} + 4m_{200}^{(20)}m_{011}^{(11)}m_{011}^{(20)} + 4m_{200}^{(20)}m_{011}^{(11)}m_{002}^{(10)} - (m_{200}^{(21)})^2m_{020}^{(22)} \\
& -2(m_{200}^{(21)})^2m_{011}^{(21)} - (m_{200}^{(21)})^2m_{002}^{(11)} + 2m_{200}^{(21)}m_{200}^{(22)}m_{020}^{(21)} + 2m_{200}^{(21)}m_{200}^{(22)}m_{011}^{(11)} \\
& -4m_{200}^{(21)}m_{110}^{(10)}m_{002}^{(21)} - 6m_{200}^{(21)}m_{110}^{(11)}m_{101}^{(22)} + 4m_{200}^{(21)}m_{110}^{(11)}m_{002}^{(20)} + 4m_{200}^{(21)}m_{110}^{(20)}m_{020}^{(22)} \\
& +2m_{200}^{(21)}m_{110}^{(21)}m_{110}^{(22)} + 2m_{200}^{(21)}m_{110}^{(21)}m_{101}^{(21)} + 2m_{200}^{(21)}m_{110}^{(21)}m_{011}^{(20)} + 2m_{200}^{(21)}m_{110}^{(21)}m_{002}^{(10)} \\
& -6m_{200}^{(21)}m_{110}^{(22)}m_{020}^{(20)} - 2m_{200}^{(21)}m_{110}^{(22)}m_{011}^{(10)} + 4m_{200}^{(21)}m_{101}^{(10)}m_{002}^{(11)} + 2m_{200}^{(21)}m_{101}^{(11)}m_{101}^{(21)} \\
& -2m_{200}^{(21)}m_{101}^{(11)}m_{011}^{(20)} - 6m_{200}^{(21)}m_{101}^{(11)}m_{002}^{(10)} - 4m_{200}^{(21)}m_{101}^{(20)}m_{020}^{(21)} + 2m_{200}^{(21)}m_{101}^{(21)}m_{020}^{(20)} \\
& +2m_{200}^{(21)}m_{101}^{(21)}m_{011}^{(10)} + 4m_{200}^{(21)}m_{101}^{(22)}m_{020}^{(10)} - 2m_{200}^{(21)}m_{020}^{(10)}m_{002}^{(20)} + 2m_{200}^{(21)}m_{020}^{(20)}m_{011}^{(20)} \\
& -2m_{200}^{(21)}m_{011}^{(10)}m_{011}^{(20)} + 2m_{200}^{(21)}m_{011}^{(10)}m_{002}^{(10)} - (m_{200}^{(22)})^2m_{020}^{(11)} - 2m_{200}^{(22)}m_{110}^{(10)}m_{020}^{(22)} \\
& +4m_{200}^{(22)}m_{110}^{(10)}m_{011}^{(21)} + 2m_{200}^{(22)}m_{110}^{(11)}m_{110}^{(22)} + 4m_{200}^{(22)}m_{110}^{(11)}m_{101}^{(21)} - 4m_{200}^{(22)}m_{110}^{(11)}m_{011}^{(20)} \\
& -2m_{200}^{(22)}m_{110}^{(20)}m_{020}^{(21)} - 3m_{200}^{(22)}(m_{110}^{(21)})^2 - 2m_{200}^{(22)}m_{110}^{(21)}m_{101}^{(11)} + 4m_{200}^{(22)}m_{110}^{(21)}m_{020}^{(20)} \\
& -2m_{200}^{(22)}m_{110}^{(21)}m_{011}^{(10)} + 2m_{200}^{(22)}m_{110}^{(22)}m_{020}^{(10)} + 2m_{200}^{(22)}m_{101}^{(10)}m_{020}^{(21)} - 4m_{200}^{(22)}m_{101}^{(10)}m_{011}^{(11)} \\
& -m_{200}^{(22)}(m_{101}^{(11)})^2 + 6m_{200}^{(22)}m_{101}^{(11)}m_{011}^{(10)} + 2m_{200}^{(22)}m_{101}^{(20)}m_{020}^{(11)} - 6m_{200}^{(22)}m_{101}^{(21)}m_{020}^{(10)} \\
& +2m_{200}^{(22)}m_{020}^{(10)}m_{011}^{(20)} - m_{200}^{(22)}(m_{020}^{(20)})^2 - m_{200}^{(22)}(m_{011}^{(10)})^2 - 2m_{110}^{(00)}m_{110}^{(11)}m_{002}^{(22)} \\
& +4m_{110}^{(00)}m_{110}^{(21)}m_{002}^{(21)} + 2m_{110}^{(00)}m_{110}^{(22)}m_{020}^{(22)} - 4m_{110}^{(00)}m_{110}^{(22)}m_{011}^{(21)} + 4m_{110}^{(00)}m_{101}^{(11)}m_{011}^{(22)} \\
& -2m_{110}^{(00)}m_{101}^{(11)}m_{002}^{(21)} - 4m_{110}^{(00)}m_{101}^{(21)}m_{020}^{(22)} + 2m_{110}^{(00)}m_{101}^{(22)}m_{020}^{(21)} + 2m_{110}^{(00)}m_{020}^{(10)}m_{002}^{(22)} \\
& -6m_{110}^{(00)}m_{020}^{(20)}m_{011}^{(22)} + 4m_{110}^{(00)}m_{020}^{(20)}m_{002}^{(21)} - 4m_{110}^{(00)}m_{020}^{(21)}m_{002}^{(20)} + 4m_{110}^{(00)}m_{020}^{(22)}m_{011}^{(20)} \\
& -4m_{110}^{(00)}m_{011}^{(10)}m_{002}^{(21)} + 2m_{110}^{(00)}m_{011}^{(11)}m_{002}^{(20)} + 4m_{110}^{(00)}m_{011}^{(20)}m_{011}^{(21)} - 4m_{110}^{(00)}m_{011}^{(20)}m_{002}^{(11)} \\
& +2m_{110}^{(00)}m_{002}^{(10)}m_{002}^{(11)} - 2(m_{110}^{(10)})^2m_{002}^{(22)} + 4m_{110}^{(10)}m_{110}^{(20)}m_{011}^{(22)} + 4m_{110}^{(10)}m_{110}^{(21)}m_{101}^{(22)} \\
& -2m_{110}^{(10)}(m_{110}^{(22)})^2 + 4m_{110}^{(10)}m_{101}^{(10)}m_{002}^{(21)} - 4m_{110}^{(10)}m_{101}^{(11)}m_{101}^{(22)} + 4m_{110}^{(10)}m_{101}^{(20)}m_{101}^{(22)} \\
& -12m_{110}^{(10)}m_{101}^{(20)}m_{011}^{(21)} + 4m_{110}^{(10)}m_{101}^{(20)}m_{002}^{(11)} + 2m_{110}^{(10)}(m_{101}^{(21)})^2 + 2m_{110}^{(10)}m_{020}^{(00)}m_{002}^{(22)} \\
& -4m_{110}^{(10)}m_{020}^{(20)}m_{002}^{(20)} - 4m_{110}^{(10)}m_{011}^{(00)}m_{011}^{(22)} + 4m_{110}^{(10)}m_{011}^{(10)}m_{002}^{(20)} + 2m_{110}^{(10)}(m_{011}^{(20)})^2
\end{aligned}
$$

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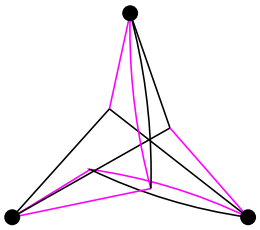
\begin{aligned}
&+4m_{110}^{(10)}m_{011}^{(21)}m_{002}^{(00)} - 2m_{110}^{(10)}m_{002}^{(00)}m_{002}^{(11)} - 2m_{110}^{(10)}(m_{002}^{(10)})^2 + 4m_{110}^{(11)}m_{110}^{(20)}m_{002}^{(20)}\\
&-4m_{110}^{(11)}m_{110}^{(22)}m_{101}^{(20)} + 2m_{110}^{(11)}m_{101}^{(00)}m_{002}^{(21)} - 4m_{110}^{(11)}m_{101}^{(10)}m_{002}^{(20)} + 4m_{110}^{(11)}m_{101}^{(20)}m_{101}^{(21)}\\
&-4m_{110}^{(11)}m_{101}^{(21)}m_{002}^{(00)} + 4m_{110}^{(11)}m_{101}^{(22)}m_{011}^{(00)} - 2m_{110}^{(11)}m_{011}^{(00)}m_{002}^{(20)} + 2m_{110}^{(11)}m_{002}^{(00)}m_{002}^{(10)}\\
&-3(m_{110}^{(20)})^2m_{020}^{(22)} + 2(m_{110}^{(20)})^2m_{011}^{(21)} - (m_{110}^{(20)})^2m_{002}^{(11)} + 2m_{110}^{(20)}m_{110}^{(21)}m_{110}^{(22)}\\
&-6m_{110}^{(20)}m_{110}^{(21)}m_{101}^{(21)} - 6m_{110}^{(20)}m_{110}^{(21)}m_{011}^{(20)} - 2m_{110}^{(20)}m_{110}^{(21)}m_{002}^{(10)} + 2m_{110}^{(20)}m_{110}^{(22)}m_{101}^{(11)}\\
&+2m_{110}^{(20)}m_{110}^{(22)}m_{020}^{(20)} + 2m_{110}^{(20)}m_{110}^{(22)}m_{011}^{(10)} - 2m_{110}^{(20)}m_{101}^{(10)}m_{020}^{(22)} - 2m_{110}^{(20)}m_{101}^{(10)}m_{002}^{(11)}\\
&+2m_{110}^{(20)}m_{101}^{(11)}m_{101}^{(21)} - 2m_{110}^{(20)}m_{101}^{(11)}m_{011}^{(20)} - 2m_{110}^{(20)}m_{101}^{(11)}m_{002}^{(10)} + 4m_{110}^{(20)}m_{101}^{(20)}m_{020}^{(21)}\\
&+2m_{110}^{(20)}m_{101}^{(21)}m_{020}^{(20)} + 6m_{110}^{(20)}m_{101}^{(21)}m_{011}^{(10)} - 4m_{110}^{(20)}m_{101}^{(22)}m_{020}^{(10)} + 4m_{110}^{(20)}m_{020}^{(00)}m_{011}^{(22)}\\
&-6m_{110}^{(20)}m_{020}^{(00)}m_{002}^{(21)} + 2m_{110}^{(20)}m_{020}^{(20)}m_{011}^{(20)} + 2m_{110}^{(20)}m_{020}^{(20)}m_{002}^{(10)} + 2m_{110}^{(20)}m_{020}^{(21)}m_{002}^{(00)}\\
&-2m_{110}^{(20)}m_{020}^{(22)}m_{011}^{(00)} + 6m_{110}^{(20)}m_{011}^{(00)}m_{002}^{(11)} - 6m_{110}^{(20)}m_{011}^{(10)}m_{011}^{(20)} + 2m_{110}^{(20)}m_{011}^{(10)}m_{002}^{(10)}\\
&-4m_{110}^{(20)}m_{011}^{(11)}m_{002}^{(00)} + 2(m_{110}^{(21)})^2m_{101}^{(20)} - (m_{110}^{(21)})^2m_{002}^{(00)} + 2m_{110}^{(21)}m_{110}^{(22)}m_{101}^{(10)}\\
&+2m_{110}^{(21)}m_{110}^{(22)}m_{011}^{(00)} - 4m_{110}^{(21)}m_{101}^{(00)}m_{002}^{(11)} - 6m_{110}^{(21)}m_{101}^{(10)}m_{101}^{(21)} + 6m_{110}^{(21)}m_{101}^{(10)}m_{011}^{(20)}\\
&+2m_{110}^{(21)}m_{101}^{(10)}m_{002}^{(10)} + 6m_{110}^{(21)}m_{101}^{(11)}m_{002}^{(00)} - 2m_{110}^{(21)}m_{101}^{(21)}m_{011}^{(00)} - 4m_{110}^{(21)}m_{101}^{(22)}m_{020}^{(00)}\\
&+2m_{110}^{(21)}m_{020}^{(00)}m_{002}^{(20)} + 2m_{110}^{(21)}m_{011}^{(00)}m_{011}^{(20)} - 2m_{110}^{(21)}m_{011}^{(00)}m_{002}^{(10)} - 2m_{110}^{(21)}m_{011}^{(10)}m_{002}^{(00)}\\
&-(m_{110}^{(22)})^2m_{020}^{(00)} - 2m_{110}^{(22)}m_{101}^{(00)}m_{020}^{(21)} + 4m_{110}^{(22)}m_{101}^{(00)}m_{011}^{(11)} + 2m_{110}^{(22)}m_{101}^{(10)}m_{101}^{(11)}\\
&-2m_{110}^{(22)}m_{101}^{(10)}m_{020}^{(20)} - 2m_{110}^{(22)}m_{101}^{(10)}m_{011}^{(10)} - 6m_{110}^{(22)}m_{101}^{(11)}m_{011}^{(00)} + 6m_{110}^{(22)}m_{101}^{(21)}m_{020}^{(00)}\\
&-2m_{110}^{(22)}m_{020}^{(00)}m_{011}^{(20)} + 2m_{110}^{(22)}m_{011}^{(00)}m_{011}^{(10)} - 4m_{101}^{(00)}m_{101}^{(11)}m_{011}^{(21)} + 2m_{101}^{(00)}m_{101}^{(11)}m_{002}^{(11)}\\
&+4m_{101}^{(00)}m_{101}^{(21)}m_{020}^{(21)} - 2m_{101}^{(00)}m_{101}^{(22)}m_{020}^{(11)} + 2m_{101}^{(00)}m_{020}^{(10)}m_{011}^{(22)} - 4m_{101}^{(00)}m_{020}^{(10)}m_{002}^{(21)}\\
&+2m_{101}^{(00)}m_{020}^{(11)}m_{002}^{(20)} + 2m_{101}^{(00)}m_{020}^{(20)}m_{020}^{(22)} - 4m_{101}^{(00)}m_{020}^{(21)}m_{011}^{(20)} + 4m_{101}^{(00)}m_{020}^{(21)}m_{002}^{(10)}\\
&-4m_{101}^{(00)}m_{020}^{(22)}m_{011}^{(10)} + 4m_{101}^{(00)}m_{011}^{(10)}m_{011}^{(21)} + 4m_{101}^{(00)}m_{011}^{(10)}m_{002}^{(11)} - 6m_{101}^{(00)}m_{011}^{(11)}m_{002}^{(10)}\\
&-(m_{101}^{(10)})^2m_{020}^{(22)} + 2(m_{101}^{(10)})^2m_{011}^{(21)} - 3(m_{101}^{(10)})^2m_{002}^{(11)} + 2m_{101}^{(10)}m_{101}^{(11)}m_{101}^{(21)}\\
&+2m_{101}^{(10)}m_{101}^{(11)}m_{011}^{(20)} + 2m_{101}^{(10)}m_{101}^{(11)}m_{002}^{(10)} + 4m_{101}^{(10)}m_{101}^{(20)}m_{011}^{(11)} - 2m_{101}^{(10)}m_{101}^{(21)}m_{020}^{(20)}\\
&-6m_{101}^{(10)}m_{101}^{(21)}m_{011}^{(10)} + 4m_{101}^{(10)}m_{101}^{(22)}m_{020}^{(10)} - 4m_{101}^{(10)}m_{020}^{(00)}m_{011}^{(22)} + 2m_{101}^{(10)}m_{020}^{(00)}m_{002}^{(21)}\\
&+2m_{101}^{(10)}m_{020}^{(20)}m_{011}^{(20)} + 2m_{101}^{(10)}m_{020}^{(20)}m_{002}^{(10)} - 6m_{101}^{(10)}m_{020}^{(21)}m_{002}^{(00)} + 6m_{101}^{(10)}m_{020}^{(22)}m_{011}^{(00)}\\
&-2m_{101}^{(10)}m_{011}^{(00)}m_{002}^{(11)} - 6m_{101}^{(10)}m_{011}^{(10)}m_{011}^{(20)} + 2m_{101}^{(10)}m_{011}^{(10)}m_{002}^{(10)} + 4m_{101}^{(10)}m_{011}^{(11)}m_{002}^{(00)}\\
&-2(m_{101}^{(11)})^2m_{101}^{(20)} - (m_{101}^{(11)})^2m_{002}^{(00)} + 2m_{101}^{(11)}m_{101}^{(21)}m_{011}^{(00)} + 2m_{101}^{(11)}m_{101}^{(00)}m_{011}^{(20)}\\
&-2m_{101}^{(11)}m_{011}^{(10)}m_{002}^{(00)} - 2(m_{101}^{(20)})^2m_{020}^{(11)} - 2m_{101}^{(20)}m_{020}^{(00)}m_{020}^{(22)} + 4m_{101}^{(20)}m_{020}^{(00)}m_{011}^{(21)}\\
&+4m_{101}^{(20)}m_{020}^{(10)}m_{011}^{(20)} - 4m_{101}^{(20)}m_{020}^{(10)}m_{002}^{(10)} + 2m_{101}^{(20)}m_{020}^{(11)}m_{002}^{(00)} - 2m_{101}^{(20)}(m_{020}^{(20)})^2\\
&-4m_{101}^{(20)}m_{011}^{(00)}m_{011}^{(11)} + 2m_{101}^{(20)}(m_{011}^{(10)})^2 - (m_{101}^{(21)})^2m_{020}^{(00)} - 2m_{101}^{(21)}m_{020}^{(00)}m_{011}^{(20)}\\
&+2m_{101}^{(21)}m_{020}^{(10)}m_{002}^{(00)} - 2m_{101}^{(21)}m_{020}^{(20)}m_{011}^{(00)} + 2m_{101}^{(21)}m_{011}^{(00)}m_{011}^{(10)} + 2m_{101}^{(22)}m_{020}^{(00)}m_{020}^{(20)}\\
&-2m_{101}^{(22)}m_{020}^{(10)}m_{011}^{(00)} - (m_{020}^{(00)})^2m_{002}^{(22)} + 2m_{020}^{(00)}m_{020}^{(20)}m_{002}^{(20)} + 2m_{020}^{(00)}m_{011}^{(00)}m_{011}^{(22)}\\
&+2m_{020}^{(00)}m_{011}^{(00)}m_{002}^{(21)} - 2m_{020}^{(00)}m_{011}^{(10)}m_{002}^{(20)} - 3m_{020}^{(00)}(m_{011}^{(20)})^2 + 4m_{020}^{(00)}m_{011}^{(20)}m_{002}^{(10)}\\
&-2m_{020}^{(00)}m_{011}^{(21)}m_{002}^{(00)} - m_{020}^{(00)}(m_{002}^{(10)})^2 - 2m_{020}^{(10)}m_{011}^{(20)}m_{002}^{(00)} + 2m_{020}^{(10)}m_{002}^{(00)}m_{002}^{(10)}\\
&-m_{020}^{(11)}(m_{002}^{(00)})^2 - (m_{020}^{(20)})^2m_{002}^{(00)} + 2m_{020}^{(20)}m_{011}^{(00)}m_{011}^{(20)} - 6m_{020}^{(20)}m_{011}^{(00)}m_{002}^{(10)}\\
&+4m_{020}^{(20)}m_{011}^{(10)}m_{002}^{(00)} + 2m_{020}^{(21)}m_{011}^{(00)}m_{002}^{(00)} - m_{020}^{(22)}(m_{011}^{(00)})^2 - 2(m_{011}^{(00)})^2m_{011}^{(21)}\\
&-(m_{011}^{(00)})^2m_{002}^{(11)} + 2m_{011}^{(00)}m_{011}^{(10)}m_{011}^{(20)} + 2m_{011}^{(00)}m_{011}^{(10)}m_{002}^{(10)} + 2m_{011}^{(00)}m_{011}^{(11)}m_{002}^{(00)}\\
&-3(m_{011}^{(10)})^2m_{002}^{(00)}
\end{aligned}
$$

Generating graph:

$V1$	1	1	$V1$
$V2$	2	$V2$	$V3$
2	$V3$	3	3



$$
\begin{aligned}
T_{37} \;=\;& 2m_{200}^{(00)}m_{020}^{(21)}m_{011}^{(22)} - 2m_{200}^{(00)}m_{020}^{(21)}m_{002}^{(21)} - m_{200}^{(00)}(m_{020}^{(22)})^2 + 2m_{200}^{(00)}m_{020}^{(22)}m_{011}^{(21)} \\
& -2m_{200}^{(00)}m_{011}^{(11)}m_{011}^{(22)} + 2m_{200}^{(00)}m_{011}^{(11)}m_{002}^{(21)} - 2m_{200}^{(00)}(m_{011}^{(21)})^2 + 2m_{200}^{(00)}m_{011}^{(21)}m_{002}^{(11)} \\
& -m_{200}^{(00)}(m_{002}^{(11)})^2 + 2m_{200}^{(10)}m_{110}^{(11)}m_{002}^{(22)} - 3m_{200}^{(10)}m_{110}^{(21)}m_{011}^{(22)} - m_{200}^{(10)}m_{110}^{(21)}m_{002}^{(21)} \\
& +2m_{200}^{(10)}m_{110}^{(22)}m_{020}^{(22)} - m_{200}^{(10)}m_{110}^{(22)}m_{011}^{(21)} + m_{200}^{(10)}m_{110}^{(22)}m_{002}^{(11)} - 2m_{200}^{(10)}m_{101}^{(11)}m_{002}^{(21)} \\
& -m_{200}^{(10)}m_{101}^{(21)}m_{020}^{(22)} + 5m_{200}^{(10)}m_{101}^{(21)}m_{011}^{(21)} - m_{200}^{(10)}m_{101}^{(22)}m_{020}^{(21)} - m_{200}^{(10)}m_{101}^{(22)}m_{011}^{(11)} \\
& -2m_{200}^{(10)}m_{020}^{(10)}m_{002}^{(22)} + 2m_{200}^{(10)}m_{020}^{(20)}m_{002}^{(21)} + 3m_{200}^{(10)}m_{020}^{(21)}m_{002}^{(20)} - 2m_{200}^{(10)}m_{020}^{(22)}m_{011}^{(20)} \\
& -m_{200}^{(10)}m_{020}^{(22)}m_{002}^{(10)} + 5m_{200}^{(10)}m_{011}^{(10)}m_{011}^{(22)} - m_{200}^{(10)}m_{011}^{(10)}m_{002}^{(21)} - m_{200}^{(10)}m_{011}^{(11)}m_{002}^{(20)} \\
& -m_{200}^{(10)}m_{011}^{(20)}m_{011}^{(21)} - m_{200}^{(10)}m_{011}^{(20)}m_{002}^{(11)} - 3m_{200}^{(10)}m_{011}^{(21)}m_{002}^{(10)} + 2m_{200}^{(10)}m_{002}^{(10)}m_{002}^{(11)} \\
& -(m_{200}^{(11)})^2m_{002}^{(22)} + 2m_{200}^{(11)}m_{200}^{(21)}m_{011}^{(22)} + 2m_{200}^{(11)}m_{200}^{(21)}m_{002}^{(21)} - m_{200}^{(11)}m_{200}^{(22)}m_{020}^{(22)} \\
& -m_{200}^{(11)}m_{200}^{(22)}m_{002}^{(11)} + 2m_{200}^{(11)}m_{110}^{(10)}m_{002}^{(22)} - m_{200}^{(11)}m_{110}^{(20)}m_{011}^{(22)} - m_{200}^{(11)}m_{110}^{(20)}m_{002}^{(21)} \\
& -2m_{200}^{(11)}m_{110}^{(21)}m_{002}^{(20)} + m_{200}^{(11)}m_{110}^{(22)}m_{011}^{(20)} + m_{200}^{(11)}m_{110}^{(22)}m_{002}^{(10)} - 2m_{200}^{(11)}m_{101}^{(10)}m_{011}^{(22)} \\
& +2m_{200}^{(11)}m_{101}^{(11)}m_{101}^{(22)} + 2m_{200}^{(11)}m_{101}^{(11)}m_{002}^{(20)} + m_{200}^{(11)}m_{101}^{(20)}m_{020}^{(22)} + m_{200}^{(11)}m_{101}^{(20)}m_{011}^{(21)} \\
& -2m_{200}^{(11)}(m_{101}^{(21)})^2 - 2m_{200}^{(11)}m_{101}^{(21)}m_{011}^{(20)} + m_{200}^{(11)}m_{101}^{(22)}m_{020}^{(20)} - m_{200}^{(11)}m_{101}^{(22)}m_{011}^{(10)} \\
& -m_{200}^{(11)}m_{020}^{(20)}m_{002}^{(20)} - m_{200}^{(11)}m_{011}^{(00)}m_{011}^{(22)} + m_{200}^{(11)}m_{011}^{(00)}m_{002}^{(21)} - m_{200}^{(11)}m_{011}^{(10)}m_{002}^{(20)} \\
& +m_{200}^{(11)}(m_{011}^{(20)})^2 + m_{200}^{(11)}m_{011}^{(20)}m_{002}^{(10)} + m_{200}^{(11)}m_{011}^{(21)}m_{002}^{(00)} - m_{200}^{(11)}m_{002}^{(00)}m_{002}^{(11)} \\
& -m_{200}^{(20)}m_{110}^{(11)}m_{011}^{(22)} - m_{200}^{(20)}m_{110}^{(11)}m_{002}^{(21)} + 5m_{200}^{(20)}m_{110}^{(21)}m_{011}^{(21)} - m_{200}^{(20)}m_{110}^{(21)}m_{002}^{(11)} \\
& -2m_{200}^{(20)}m_{110}^{(22)}m_{020}^{(21)} + m_{200}^{(20)}m_{101}^{(11)}m_{020}^{(22)} - m_{200}^{(20)}m_{101}^{(11)}m_{011}^{(21)} + 2m_{200}^{(20)}m_{101}^{(11)}m_{002}^{(11)} \\
& -m_{200}^{(20)}m_{101}^{(21)}m_{020}^{(21)} - 3m_{200}^{(20)}m_{101}^{(21)}m_{011}^{(11)} + 2m_{200}^{(20)}m_{101}^{(22)}m_{020}^{(11)} - m_{200}^{(20)}m_{020}^{(10)}m_{011}^{(22)} \\
& +3m_{200}^{(20)}m_{020}^{(10)}m_{002}^{(21)} - 2m_{200}^{(20)}m_{020}^{(11)}m_{002}^{(20)} + 2m_{200}^{(20)}m_{020}^{(20)}m_{020}^{(22)} - 3m_{200}^{(20)}m_{020}^{(20)}m_{011}^{(21)} \\
& -m_{200}^{(20)}m_{020}^{(20)}m_{002}^{(11)} - m_{200}^{(20)}m_{020}^{(21)}m_{011}^{(20)} + 2m_{200}^{(20)}m_{020}^{(21)}m_{002}^{(10)} - m_{200}^{(20)}m_{020}^{(22)}m_{011}^{(10)} \\
& -m_{200}^{(20)}m_{011}^{(10)}m_{011}^{(21)} - 2m_{200}^{(20)}m_{011}^{(10)}m_{002}^{(11)} + 5m_{200}^{(20)}m_{011}^{(11)}m_{011}^{(11)} - 4(m_{200}^{(21)})^2m_{011}^{(21)} \\
& +2m_{200}^{(21)}m_{200}^{(22)}m_{020}^{(21)} + 2m_{200}^{(21)}m_{200}^{(22)}m_{011}^{(11)} - m_{200}^{(21)}m_{110}^{(10)}m_{011}^{(22)} - 3m_{200}^{(21)}m_{110}^{(10)}m_{002}^{(21)} \\
& -2m_{200}^{(21)}m_{110}^{(11)}m_{101}^{(22)} + 3m_{200}^{(21)}m_{110}^{(20)}m_{011}^{(21)} + m_{200}^{(21)}m_{110}^{(20)}m_{002}^{(11)} + 4m_{200}^{(21)}m_{110}^{(21)}m_{101}^{(21)} \\
& +4m_{200}^{(21)}m_{110}^{(21)}m_{011}^{(20)} - 2m_{200}^{(21)}m_{110}^{(22)}m_{101}^{(11)} - 2m_{200}^{(21)}m_{110}^{(22)}m_{020}^{(20)} - 2m_{200}^{(21)}m_{110}^{(22)}m_{011}^{(10)} \\
& +m_{200}^{(21)}m_{101}^{(10)}m_{020}^{(22)} + 3m_{200}^{(21)}m_{101}^{(10)}m_{011}^{(21)} - 2m_{200}^{(21)}m_{101}^{(11)}m_{011}^{(20)} - 2m_{200}^{(21)}m_{101}^{(11)}m_{002}^{(10)} \\
& -3m_{200}^{(21)}m_{101}^{(20)}m_{020}^{(21)} - m_{200}^{(21)}m_{101}^{(20)}m_{011}^{(11)} + 4m_{200}^{(21)}m_{101}^{(21)}m_{011}^{(10)} + m_{200}^{(21)}m_{020}^{(00)}m_{011}^{(22)} \\
& -m_{200}^{(21)}m_{020}^{(00)}m_{002}^{(21)} + 2m_{200}^{(21)}m_{020}^{(10)}m_{002}^{(20)} - m_{200}^{(21)}m_{020}^{(21)}m_{002}^{(00)} + m_{200}^{(21)}m_{020}^{(22)}m_{011}^{(00)} \\
& -2m_{200}^{(21)}m_{011}^{(00)}m_{011}^{(21)} + m_{200}^{(21)}m_{011}^{(00)}m_{002}^{(11)} - 2m_{200}^{(21)}m_{011}^{(10)}m_{011}^{(20)} + m_{200}^{(21)}m_{011}^{(11)}m_{002}^{(00)}
\end{aligned}
$$

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\begin{aligned}
&-(m_{200}^{(22)})^2 m_{020}^{(11)} + m_{200}^{(22)} m_{110}^{(10)} m_{011}^{(21)} + m_{200}^{(22)} m_{110}^{(10)} m_{002}^{(11)} + 2m_{200}^{(22)} m_{110}^{(11)} m_{110}^{(22)} \\
&-m_{200}^{(22)} m_{110}^{(11)} m_{011}^{(20)} + m_{200}^{(22)} m_{110}^{(11)} m_{002}^{(10)} - 2m_{200}^{(22)} m_{110}^{(20)} m_{011}^{(11)} - 2m_{200}^{(22)} (m_{110}^{(21)})^2 \\
&-2m_{200}^{(22)} m_{110}^{(21)} m_{011}^{(10)} + 2m_{200}^{(22)} m_{110}^{(22)} m_{020}^{(10)} - m_{200}^{(22)} m_{101}^{(10)} m_{020}^{(21)} - m_{200}^{(22)} m_{101}^{(10)} m_{011}^{(11)} \\
&+m_{200}^{(22)} m_{101}^{(11)} m_{020}^{(20)} + m_{200}^{(22)} m_{101}^{(11)} m_{011}^{(10)} + 2m_{200}^{(22)} m_{101}^{(20)} m_{020}^{(11)} - 2m_{200}^{(22)} m_{101}^{(21)} m_{020}^{(10)} \\
&-m_{200}^{(22)} m_{020}^{(00)} m_{020}^{(22)} + m_{200}^{(22)} m_{020}^{(00)} m_{011}^{(21)} - m_{200}^{(22)} m_{020}^{(10)} m_{011}^{(20)} - m_{200}^{(22)} m_{020}^{(10)} m_{002}^{(10)} \\
&+m_{200}^{(22)} m_{020}^{(20)} m_{011}^{(10)} + m_{200}^{(22)} m_{020}^{(21)} m_{011}^{(00)} - m_{200}^{(22)} m_{011}^{(00)} m_{011}^{(11)} + m_{200}^{(22)} (m_{011}^{(10)})^2 \\
&-2m_{110}^{(00)} m_{110}^{(11)} m_{002}^{(22)} - m_{110}^{(00)} m_{110}^{(21)} m_{011}^{(22)} + 5m_{110}^{(00)} m_{110}^{(21)} m_{002}^{(21)} + 2m_{110}^{(00)} m_{110}^{(22)} m_{020}^{(22)} \\
&-3m_{110}^{(00)} m_{110}^{(22)} m_{011}^{(21)} - m_{110}^{(00)} m_{110}^{(22)} m_{002}^{(11)} + 2m_{110}^{(00)} m_{101}^{(11)} m_{011}^{(22)} - m_{110}^{(00)} m_{101}^{(21)} m_{020}^{(22)} \\
&-m_{110}^{(00)} m_{101}^{(21)} m_{011}^{(21)} - 2m_{110}^{(00)} m_{101}^{(21)} m_{002}^{(11)} - m_{110}^{(00)} m_{101}^{(22)} m_{020}^{(21)} + 3m_{110}^{(00)} m_{101}^{(22)} m_{011}^{(11)} \\
&+2m_{110}^{(00)} m_{020}^{(10)} m_{002}^{(22)} - 2m_{110}^{(00)} m_{020}^{(20)} m_{011}^{(22)} - m_{110}^{(00)} m_{020}^{(21)} m_{002}^{(20)} + m_{110}^{(00)} m_{020}^{(22)} m_{002}^{(10)} \\
&-m_{110}^{(00)} m_{011}^{(10)} m_{011}^{(22)} - 3m_{110}^{(00)} m_{011}^{(10)} m_{002}^{(21)} - m_{110}^{(00)} m_{011}^{(11)} m_{002}^{(20)} + 5m_{110}^{(00)} m_{011}^{(20)} m_{011}^{(21)} \\
&-m_{110}^{(00)} m_{011}^{(20)} m_{002}^{(11)} - m_{110}^{(00)} m_{011}^{(21)} m_{002}^{(10)} + 2m_{110}^{(00)} m_{002}^{(10)} m_{002}^{(11)} - 2(m_{110}^{(10)})^2 m_{002}^{(22)} \\
&+5m_{110}^{(10)} m_{110}^{(20)} m_{011}^{(22)} - m_{110}^{(10)} m_{110}^{(20)} m_{002}^{(21)} + 5m_{110}^{(10)} m_{110}^{(21)} m_{101}^{(22)} - m_{110}^{(10)} m_{110}^{(21)} m_{002}^{(20)} \\
&-4m_{110}^{(10)} (m_{110}^{(22)})^2 + 3m_{110}^{(10)} m_{110}^{(22)} m_{101}^{(21)} + 3m_{110}^{(10)} m_{110}^{(22)} m_{011}^{(20)} - 2m_{110}^{(10)} m_{110}^{(22)} m_{002}^{(10)} \\
&-m_{110}^{(10)} m_{101}^{(10)} m_{011}^{(22)} + 5m_{110}^{(10)} m_{101}^{(10)} m_{002}^{(21)} - 3m_{110}^{(10)} m_{101}^{(11)} m_{101}^{(22)} - m_{110}^{(10)} m_{101}^{(11)} m_{002}^{(20)} \\
&+m_{110}^{(10)} m_{101}^{(20)} m_{020}^{(22)} - 6m_{110}^{(10)} m_{101}^{(20)} m_{011}^{(21)} + m_{110}^{(10)} m_{101}^{(20)} m_{002}^{(11)} - m_{110}^{(10)} (m_{101}^{(21)})^2 \\
&+3m_{110}^{(10)} m_{101}^{(21)} m_{002}^{(10)} - m_{110}^{(10)} m_{101}^{(22)} m_{020}^{(20)} - m_{110}^{(10)} m_{101}^{(22)} m_{011}^{(10)} + 2m_{110}^{(10)} m_{020}^{(00)} m_{002}^{(22)} \\
&-3m_{110}^{(10)} m_{020}^{(20)} m_{002}^{(20)} + m_{110}^{(10)} m_{020}^{(22)} m_{002}^{(00)} - 3m_{110}^{(10)} m_{011}^{(00)} m_{011}^{(22)} - m_{110}^{(10)} m_{011}^{(00)} m_{002}^{(21)} \\
&+5m_{110}^{(10)} m_{011}^{(10)} m_{002}^{(20)} - m_{110}^{(10)} (m_{011}^{(20)})^2 + 3m_{110}^{(10)} m_{011}^{(20)} m_{002}^{(10)} + m_{110}^{(10)} m_{011}^{(21)} m_{002}^{(00)} \\
&-4m_{110}^{(10)} (m_{002}^{(10)})^2 - m_{110}^{(11)} m_{110}^{(20)} m_{101}^{(22)} + 5m_{110}^{(11)} m_{110}^{(20)} m_{002}^{(20)} - 3m_{110}^{(11)} m_{110}^{(22)} m_{101}^{(20)} \\
&-m_{110}^{(11)} m_{110}^{(22)} m_{002}^{(00)} + 3m_{110}^{(11)} m_{101}^{(00)} m_{011}^{(22)} - m_{110}^{(11)} m_{101}^{(00)} m_{002}^{(21)} - m_{110}^{(11)} m_{101}^{(10)} m_{101}^{(22)} \\
&-3m_{110}^{(11)} m_{101}^{(10)} m_{002}^{(20)} + 5m_{110}^{(11)} m_{101}^{(20)} m_{101}^{(21)} - m_{110}^{(11)} m_{101}^{(20)} m_{011}^{(20)} - m_{110}^{(11)} m_{101}^{(20)} m_{002}^{(10)} \\
&-m_{110}^{(11)} m_{101}^{(21)} m_{002}^{(00)} + 2m_{110}^{(11)} m_{101}^{(22)} m_{011}^{(00)} - 2m_{110}^{(11)} m_{011}^{(20)} m_{002}^{(00)} + 2m_{110}^{(11)} m_{002}^{(00)} m_{002}^{(10)} \\
&-2(m_{110}^{(20)})^2 m_{020}^{(22)} - (m_{110}^{(20)})^2 m_{011}^{(21)} + (m_{110}^{(20)})^2 m_{002}^{(11)} + 4m_{110}^{(20)} m_{110}^{(21)} m_{110}^{(22)} \\
&-7m_{110}^{(20)} m_{110}^{(21)} m_{101}^{(21)} - 7m_{110}^{(20)} m_{110}^{(21)} m_{011}^{(20)} - 2m_{110}^{(20)} m_{110}^{(21)} m_{002}^{(10)} + 4m_{110}^{(20)} m_{110}^{(22)} m_{011}^{(10)} \\
&-2m_{110}^{(20)} m_{101}^{(10)} m_{020}^{(22)} - 2m_{110}^{(20)} m_{101}^{(10)} m_{002}^{(11)} + 4m_{110}^{(20)} m_{101}^{(11)} m_{101}^{(21)} - 2m_{110}^{(20)} m_{101}^{(11)} m_{011}^{(20)} \\
&-2m_{110}^{(20)} m_{101}^{(11)} m_{002}^{(10)} + 5m_{110}^{(20)} m_{101}^{(20)} m_{020}^{(21)} - m_{110}^{(20)} m_{101}^{(20)} m_{011}^{(11)} + 4m_{110}^{(20)} m_{101}^{(21)} m_{020}^{(20)} \\
&+3m_{110}^{(20)} m_{101}^{(21)} m_{011}^{(10)} - 3m_{110}^{(20)} m_{101}^{(22)} m_{020}^{(10)} - 2m_{110}^{(20)} m_{020}^{(00)} m_{002}^{(21)} - m_{110}^{(20)} m_{020}^{(10)} m_{002}^{(20)} \\
&+4m_{110}^{(20)} m_{020}^{(20)} m_{011}^{(20)} - m_{110}^{(20)} m_{020}^{(21)} m_{002}^{(00)} + 3m_{110}^{(20)} m_{011}^{(00)} m_{011}^{(21)} + m_{110}^{(20)} m_{011}^{(00)} m_{002}^{(11)} \\
&-7m_{110}^{(20)} m_{011}^{(10)} m_{011}^{(20)} + 4m_{110}^{(20)} m_{011}^{(10)} m_{002}^{(10)} - m_{110}^{(20)} m_{011}^{(11)} m_{002}^{(00)} - (m_{110}^{(21)})^2 m_{101}^{(20)} \\
&+(m_{110}^{(21)})^2 m_{002}^{(00)} + 4m_{110}^{(21)} m_{110}^{(22)} m_{101}^{(10)} - 2m_{110}^{(21)} m_{101}^{(00)} m_{020}^{(22)} - m_{110}^{(21)} m_{101}^{(00)} m_{011}^{(21)} \\
&-m_{110}^{(21)} m_{101}^{(00)} m_{002}^{(11)} - 7m_{110}^{(21)} m_{101}^{(10)} m_{101}^{(21)} + 3m_{110}^{(21)} m_{101}^{(10)} m_{011}^{(20)} + 4m_{110}^{(21)} m_{101}^{(10)} m_{002}^{(10)} \\
&+3m_{110}^{(21)} m_{101}^{(11)} m_{101}^{(20)} + m_{110}^{(21)} m_{101}^{(11)} m_{002}^{(00)} + 3m_{110}^{(21)} m_{101}^{(20)} m_{020}^{(20)} - 2m_{110}^{(21)} m_{101}^{(21)} m_{011}^{(00)} \\
&-m_{110}^{(21)} m_{101}^{(22)} m_{020}^{(00)} - m_{110}^{(21)} m_{020}^{(00)} m_{002}^{(20)} + m_{110}^{(21)} m_{020}^{(20)} m_{002}^{(00)} + 4m_{110}^{(21)} m_{011}^{(00)} m_{011}^{(20)} \\
&-2m_{110}^{(21)} m_{011}^{(00)} m_{002}^{(10)} - 2m_{110}^{(21)} m_{011}^{(10)} m_{002}^{(00)} + 2m_{110}^{(22)} m_{101}^{(00)} m_{011}^{(11)} - 2m_{110}^{(22)} m_{101}^{(10)} m_{020}^{(20)} \\
&-2m_{110}^{(22)} m_{101}^{(10)} m_{011}^{(10)} - m_{110}^{(22)} m_{101}^{(20)} m_{020}^{(10)} + m_{110}^{(22)} m_{101}^{(21)} m_{020}^{(00)} + m_{110}^{(22)} m_{020}^{(00)} m_{002}^{(10)} \\
&+m_{110}^{(22)} m_{020}^{(10)} m_{002}^{(00)} - 2m_{110}^{(22)} m_{020}^{(20)} m_{011}^{(00)} - m_{101}^{(00)} m_{101}^{(11)} m_{020}^{(22)} - 3m_{101}^{(00)} m_{101}^{(11)} m_{011}^{(21)} \\
&+2m_{101}^{(00)} m_{101}^{(11)} m_{002}^{(11)} + 5m_{101}^{(00)} m_{101}^{(21)} m_{020}^{(21)} - m_{101}^{(00)} m_{101}^{(21)} m_{011}^{(11)} - 2m_{101}^{(00)} m_{101}^{(22)} m_{020}^{(11)}
\end{aligned}
$$

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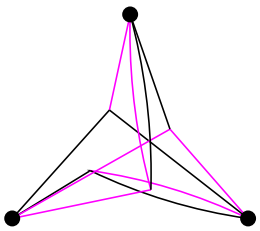
\begin{aligned}
&-m_{101}^{(00)}m_{020}^{(10)}m_{011}^{(22)} - m_{101}^{(00)}m_{020}^{(10)}m_{002}^{(21)} + 2m_{101}^{(00)}m_{020}^{(11)}m_{002}^{(20)} + 2m_{101}^{(00)}m_{020}^{(20)}m_{020}^{(22)}\\
&-m_{101}^{(00)}m_{020}^{(20)}m_{011}^{(21)} + m_{101}^{(00)}m_{020}^{(20)}m_{002}^{(11)} - 3m_{101}^{(00)}m_{020}^{(21)}m_{011}^{(20)} - m_{101}^{(00)}m_{020}^{(22)}m_{011}^{(10)}\\
&+5m_{101}^{(00)}m_{011}^{(10)}m_{011}^{(21)} - m_{101}^{(00)}m_{011}^{(11)}m_{011}^{(20)} - 2m_{101}^{(00)}m_{011}^{(11)}m_{002}^{(10)} + (m_{101}^{(10)})^2m_{020}^{(22)}\\
&-(m_{101}^{(10)})^2m_{011}^{(21)} - 2(m_{101}^{(10)})^2m_{002}^{(11)} + 4m_{101}^{(10)}m_{101}^{(11)}m_{101}^{(21)} + 4m_{101}^{(10)}m_{101}^{(11)}m_{011}^{(20)}\\
&-m_{101}^{(10)}m_{101}^{(20)}m_{020}^{(21)} + 5m_{101}^{(10)}m_{101}^{(20)}m_{011}^{(11)} - 2m_{101}^{(10)}m_{101}^{(21)}m_{020}^{(20)} - 7m_{101}^{(10)}m_{101}^{(21)}m_{011}^{(10)}\\
&+5m_{101}^{(10)}m_{101}^{(22)}m_{020}^{(10)} - m_{101}^{(10)}m_{020}^{(00)}m_{011}^{(22)} - m_{101}^{(10)}m_{020}^{(00)}m_{002}^{(21)} - m_{101}^{(10)}m_{020}^{(10)}m_{002}^{(20)}\\
&+4m_{101}^{(10)}m_{020}^{(20)}m_{011}^{(20)} - 2m_{101}^{(10)}m_{020}^{(21)}m_{002}^{(00)} + m_{101}^{(10)}m_{020}^{(22)}m_{011}^{(00)} + 3m_{101}^{(10)}m_{011}^{(00)}m_{011}^{(21)}\\
&-7m_{101}^{(10)}m_{011}^{(10)}m_{011}^{(20)} + 4m_{101}^{(10)}m_{011}^{(10)}m_{002}^{(10)} - 4(m_{101}^{(11)})^2m_{101}^{(20)} - 2m_{101}^{(11)}m_{101}^{(20)}m_{020}^{(20)}\\
&+3m_{101}^{(11)}m_{101}^{(20)}m_{011}^{(10)} - m_{101}^{(11)}m_{101}^{(22)}m_{020}^{(00)} + m_{101}^{(11)}m_{020}^{(00)}m_{002}^{(20)} + m_{101}^{(11)}m_{020}^{(20)}m_{002}^{(00)}\\
&-2m_{101}^{(11)}m_{011}^{(00)}m_{002}^{(10)} - 2(m_{101}^{(20)})^2m_{020}^{(11)} - m_{101}^{(20)}m_{101}^{(21)}m_{020}^{(10)} + m_{101}^{(20)}m_{020}^{(00)}m_{011}^{(21)}\\
&+m_{101}^{(20)}m_{020}^{(00)}m_{002}^{(11)} + 5m_{101}^{(20)}m_{020}^{(10)}m_{011}^{(20)} - 3m_{101}^{(20)}m_{020}^{(10)}m_{002}^{(10)} + 2m_{101}^{(20)}m_{020}^{(11)}m_{002}^{(00)}\\
&-4m_{101}^{(20)}(m_{020}^{(20)})^2 + 3m_{101}^{(20)}m_{020}^{(20)}m_{011}^{(10)} - m_{101}^{(20)}m_{020}^{(21)}m_{011}^{(00)} - 3m_{101}^{(20)}m_{011}^{(00)}m_{011}^{(11)}\\
&-m_{101}^{(20)}(m_{011}^{(10)})^2 + (m_{101}^{(21)})^2m_{020}^{(00)} - 2m_{101}^{(21)}m_{020}^{(00)}m_{011}^{(20)} + m_{101}^{(21)}m_{020}^{(00)}m_{002}^{(10)}\\
&-m_{101}^{(21)}m_{020}^{(10)}m_{002}^{(00)} - 2m_{101}^{(21)}m_{020}^{(20)}m_{011}^{(00)} + 4m_{101}^{(21)}m_{011}^{(00)}m_{011}^{(10)} + 2m_{101}^{(22)}m_{020}^{(00)}m_{020}^{(20)}\\
&-2m_{101}^{(22)}m_{020}^{(00)}m_{011}^{(10)} - (m_{020}^{(00)})^2m_{002}^{(22)} + 2m_{020}^{(00)}m_{020}^{(20)}m_{002}^{(20)} - m_{020}^{(00)}m_{020}^{(22)}m_{002}^{(00)}\\
&+2m_{020}^{(00)}m_{011}^{(00)}m_{011}^{(22)} + 2m_{020}^{(00)}m_{011}^{(00)}m_{002}^{(21)} - 2m_{020}^{(00)}(m_{011}^{(20)})^2 - m_{020}^{(00)}m_{002}^{(00)}m_{002}^{(11)}\\
&-2m_{020}^{(10)}m_{011}^{(00)}m_{002}^{(20)} + 2m_{020}^{(10)}m_{002}^{(00)}m_{002}^{(10)} - m_{020}^{(11)}(m_{002}^{(00)})^2 - 2m_{020}^{(20)}m_{011}^{(00)}m_{002}^{(10)}\\
&+2m_{020}^{(21)}m_{011}^{(00)}m_{002}^{(00)} - 4(m_{011}^{(00)})^2m_{011}^{(21)} + 4m_{011}^{(00)}m_{011}^{(10)}m_{011}^{(20)} + 2m_{011}^{(00)}m_{011}^{(11)}m_{002}^{(00)}\\
&-2(m_{011}^{(10)})^2m_{002}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & V1 & 1 & 1\\
V2 & 2 & V2 & V3\\
2 & V3 & 3 & 3
\end{array}
$$



$$
\begin{aligned}
T_{38} \;=\;& 2m_{200}^{(00)}m_{020}^{(21)}m_{011}^{(22)} - 2m_{200}^{(00)}m_{020}^{(21)}m_{002}^{(21)} - 2m_{200}^{(00)}m_{020}^{(22)}m_{011}^{(21)} + 2m_{200}^{(00)}m_{020}^{(22)}m_{002}^{(11)}\\
&-2m_{200}^{(00)}m_{011}^{(11)}m_{011}^{(22)} + 2m_{200}^{(00)}m_{011}^{(11)}m_{002}^{(21)} + 2m_{200}^{(00)}(m_{011}^{(21)})^2 - 2m_{200}^{(00)}m_{011}^{(21)}m_{002}^{(11)}\\
&+2m_{200}^{(10)}m_{110}^{(11)}m_{002}^{(22)} - 5m_{200}^{(10)}m_{110}^{(21)}m_{011}^{(22)} + m_{200}^{(10)}m_{110}^{(21)}m_{002}^{(21)} + 5m_{200}^{(10)}m_{110}^{(22)}m_{011}^{(21)}\\
&-3m_{200}^{(10)}m_{110}^{(22)}m_{002}^{(11)} + 2m_{200}^{(10)}m_{101}^{(11)}m_{011}^{(22)} - 4m_{200}^{(10)}m_{101}^{(11)}m_{002}^{(21)} + m_{200}^{(10)}m_{101}^{(21)}m_{020}^{(22)}
\end{aligned}
$$

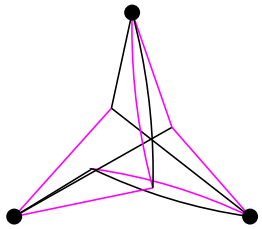
$$
\begin{aligned}
&-m_{200}^{(10)}m_{101}^{(21)}m_{011}^{(21)}+4m_{200}^{(10)}m_{101}^{(21)}m_{002}^{(11)}-m_{200}^{(10)}m_{101}^{(22)}m_{020}^{(21)}-m_{200}^{(10)}m_{101}^{(22)}m_{011}^{(11)}\\
&-2m_{200}^{(10)}m_{020}^{(10)}m_{002}^{(22)}+2m_{200}^{(10)}m_{020}^{(20)}m_{011}^{(22)}+3m_{200}^{(10)}m_{020}^{(21)}m_{002}^{(20)}-2m_{200}^{(10)}m_{020}^{(22)}m_{011}^{(20)}\\
&-m_{200}^{(10)}m_{020}^{(22)}m_{002}^{(10)}+3m_{200}^{(10)}m_{011}^{(10)}m_{011}^{(22)}+m_{200}^{(10)}m_{011}^{(10)}m_{002}^{(21)}-m_{200}^{(10)}m_{011}^{(11)}m_{002}^{(20)}\\
&-3m_{200}^{(10)}m_{011}^{(20)}m_{011}^{(21)}+m_{200}^{(10)}m_{011}^{(20)}m_{002}^{(11)}-m_{200}^{(10)}m_{011}^{(21)}m_{002}^{(10)}+m_{200}^{(11)}m_{200}^{(22)}m_{020}^{(22)}\\
&-2m_{200}^{(11)}m_{200}^{(22)}m_{011}^{(21)}+m_{200}^{(11)}m_{200}^{(22)}m_{002}^{(11)}-2m_{200}^{(11)}m_{110}^{(10)}m_{002}^{(22)}+m_{200}^{(11)}m_{110}^{(20)}m_{011}^{(22)}\\
&+m_{200}^{(11)}m_{110}^{(20)}m_{002}^{(21)}+4m_{200}^{(11)}m_{110}^{(21)}m_{101}^{(22)}-2m_{200}^{(11)}m_{110}^{(21)}m_{002}^{(20)}-m_{200}^{(11)}(m_{110}^{(22)})^2\\
&-2m_{200}^{(11)}m_{110}^{(22)}m_{101}^{(21)}+m_{200}^{(11)}m_{110}^{(22)}m_{011}^{(20)}+m_{200}^{(11)}m_{110}^{(22)}m_{002}^{(10)}-2m_{200}^{(11)}m_{101}^{(10)}m_{011}^{(22)}\\
&+4m_{200}^{(11)}m_{101}^{(10)}m_{002}^{(21)}+m_{200}^{(11)}m_{101}^{(20)}m_{020}^{(22)}-m_{200}^{(11)}m_{101}^{(20)}m_{011}^{(21)}-2m_{200}^{(11)}m_{101}^{(20)}m_{002}^{(11)}\\
&-m_{200}^{(11)}(m_{101}^{(21)})^2+4m_{200}^{(11)}m_{101}^{(21)}m_{011}^{(20)}-2m_{200}^{(11)}m_{101}^{(21)}m_{002}^{(10)}-3m_{200}^{(11)}m_{101}^{(22)}m_{020}^{(20)}\\
&+m_{200}^{(11)}m_{101}^{(22)}m_{011}^{(10)}+2m_{200}^{(11)}m_{020}^{(00)}m_{002}^{(22)}-m_{200}^{(11)}m_{020}^{(20)}m_{002}^{(20)}-m_{200}^{(11)}m_{011}^{(00)}m_{011}^{(22)}\\
&-3m_{200}^{(11)}m_{011}^{(00)}m_{002}^{(21)}+m_{200}^{(11)}m_{011}^{(10)}m_{002}^{(20)}+m_{200}^{(11)}m_{011}^{(20)}m_{002}^{(10)}+m_{200}^{(11)}m_{011}^{(21)}m_{002}^{(00)}\\
&+m_{200}^{(11)}m_{002}^{(00)}m_{002}^{(11)}-m_{200}^{(11)}(m_{002}^{(10)})^2-m_{200}^{(20)}m_{110}^{(11)}m_{011}^{(22)}-m_{200}^{(20)}m_{110}^{(11)}m_{002}^{(21)}\\
&+4m_{200}^{(20)}m_{110}^{(21)}m_{020}^{(22)}-m_{200}^{(20)}m_{110}^{(21)}m_{011}^{(21)}+m_{200}^{(20)}m_{110}^{(21)}m_{002}^{(11)}-4m_{200}^{(20)}m_{110}^{(22)}m_{020}^{(21)}\\
&+2m_{200}^{(20)}m_{110}^{(22)}m_{011}^{(11)}-3m_{200}^{(20)}m_{101}^{(11)}m_{020}^{(22)}+5m_{200}^{(20)}m_{101}^{(11)}m_{011}^{(21)}+m_{200}^{(20)}m_{101}^{(21)}m_{020}^{(21)}\\
&-5m_{200}^{(20)}m_{101}^{(21)}m_{011}^{(11)}+2m_{200}^{(20)}m_{101}^{(22)}m_{020}^{(11)}-m_{200}^{(20)}m_{020}^{(10)}m_{011}^{(22)}+3m_{200}^{(20)}m_{020}^{(10)}m_{002}^{(21)}\\
&-2m_{200}^{(20)}m_{020}^{(11)}m_{002}^{(20)}-m_{200}^{(20)}m_{020}^{(20)}m_{011}^{(21)}-m_{200}^{(20)}m_{020}^{(20)}m_{002}^{(11)}+m_{200}^{(20)}m_{020}^{(21)}m_{011}^{(20)}\\
&+m_{200}^{(20)}m_{020}^{(22)}m_{011}^{(10)}-3m_{200}^{(20)}m_{011}^{(10)}m_{011}^{(21)}-2m_{200}^{(20)}m_{011}^{(10)}m_{002}^{(11)}+3m_{200}^{(20)}m_{011}^{(11)}m_{011}^{(20)}\\
&+2m_{200}^{(20)}m_{011}^{(11)}m_{002}^{(10)}-(m_{200}^{(21)})^2m_{020}^{(22)}+2(m_{200}^{(21)})^2m_{011}^{(21)}-(m_{200}^{(21)})^2m_{002}^{(11)}\\
&+5m_{200}^{(21)}m_{110}^{(10)}m_{011}^{(22)}-m_{200}^{(21)}m_{110}^{(10)}m_{002}^{(21)}-4m_{200}^{(21)}m_{110}^{(11)}m_{101}^{(22)}+2m_{200}^{(21)}m_{110}^{(11)}m_{002}^{(20)}\\
&-2m_{200}^{(21)}m_{110}^{(20)}m_{020}^{(22)}-3m_{200}^{(21)}m_{110}^{(20)}m_{011}^{(21)}+m_{200}^{(21)}m_{110}^{(20)}m_{002}^{(11)}+2m_{200}^{(21)}m_{110}^{(21)}m_{110}^{(22)}\\
&-2m_{200}^{(21)}m_{110}^{(21)}m_{101}^{(21)}-2m_{200}^{(21)}m_{110}^{(21)}m_{011}^{(20)}+2m_{200}^{(21)}m_{110}^{(21)}m_{002}^{(10)}+2m_{200}^{(21)}m_{110}^{(22)}m_{101}^{(11)}\\
&+2m_{200}^{(21)}m_{110}^{(22)}m_{020}^{(20)}-4m_{200}^{(21)}m_{110}^{(22)}m_{011}^{(10)}+m_{200}^{(21)}m_{101}^{(10)}m_{020}^{(22)}-3m_{200}^{(21)}m_{101}^{(10)}m_{011}^{(21)}\\
&-2m_{200}^{(21)}m_{101}^{(10)}m_{002}^{(11)}+2m_{200}^{(21)}m_{101}^{(11)}m_{101}^{(21)}-4m_{200}^{(21)}m_{101}^{(11)}m_{011}^{(20)}+2m_{200}^{(21)}m_{101}^{(11)}m_{002}^{(10)}\\
&-m_{200}^{(21)}m_{101}^{(20)}m_{020}^{(21)}+5m_{200}^{(21)}m_{101}^{(20)}m_{011}^{(11)}+2m_{200}^{(21)}m_{101}^{(21)}m_{020}^{(20)}-2m_{200}^{(21)}m_{101}^{(21)}m_{011}^{(10)}\\
&+2m_{200}^{(21)}m_{101}^{(22)}m_{020}^{(10)}-3m_{200}^{(21)}m_{020}^{(00)}m_{011}^{(22)}-m_{200}^{(21)}m_{020}^{(00)}m_{002}^{(21)}+2m_{200}^{(21)}m_{020}^{(20)}m_{011}^{(20)}\\
&-m_{200}^{(21)}m_{020}^{(21)}m_{002}^{(00)}+m_{200}^{(21)}m_{020}^{(22)}m_{011}^{(00)}+6m_{200}^{(21)}m_{011}^{(00)}m_{011}^{(21)}+m_{200}^{(21)}m_{011}^{(00)}m_{002}^{(11)}\\
&-4m_{200}^{(21)}m_{011}^{(10)}m_{011}^{(20)}+2m_{200}^{(21)}m_{011}^{(10)}m_{002}^{(10)}-3m_{200}^{(21)}m_{011}^{(11)}m_{002}^{(00)}-2m_{200}^{(22)}m_{110}^{(10)}m_{020}^{(22)}\\
&-m_{200}^{(22)}m_{110}^{(10)}m_{011}^{(21)}+m_{200}^{(22)}m_{110}^{(10)}m_{002}^{(11)}+4m_{200}^{(22)}m_{110}^{(11)}m_{101}^{(21)}+m_{200}^{(22)}m_{110}^{(11)}m_{011}^{(20)}\\
&-3m_{200}^{(22)}m_{110}^{(11)}m_{002}^{(10)}+4m_{200}^{(22)}m_{110}^{(20)}m_{020}^{(21)}-2m_{200}^{(22)}m_{110}^{(20)}m_{011}^{(11)}-m_{200}^{(22)}(m_{110}^{(21)})^2\\
&-2m_{200}^{(22)}m_{110}^{(21)}m_{101}^{(11)}-2m_{200}^{(22)}m_{110}^{(21)}m_{020}^{(20)}+4m_{200}^{(22)}m_{110}^{(21)}m_{011}^{(10)}+m_{200}^{(22)}m_{101}^{(10)}m_{020}^{(21)}\\
&+m_{200}^{(22)}m_{101}^{(10)}m_{011}^{(11)}-m_{200}^{(22)}(m_{101}^{(11)})^2+m_{200}^{(22)}m_{101}^{(11)}m_{020}^{(20)}+m_{200}^{(22)}m_{101}^{(11)}m_{011}^{(10)}\\
&-2m_{200}^{(22)}m_{101}^{(20)}m_{020}^{(11)}-2m_{200}^{(22)}m_{101}^{(21)}m_{020}^{(10)}+m_{200}^{(22)}m_{020}^{(00)}m_{020}^{(22)}+m_{200}^{(22)}m_{020}^{(00)}m_{011}^{(21)}\\
&+m_{200}^{(22)}m_{020}^{(10)}m_{011}^{(20)}-m_{200}^{(22)}m_{020}^{(10)}m_{002}^{(10)}+2m_{200}^{(22)}m_{020}^{(11)}m_{002}^{(00)}-m_{200}^{(22)}(m_{020}^{(20)})^2\\
&+m_{200}^{(22)}m_{020}^{(20)}m_{011}^{(10)}-3m_{200}^{(22)}m_{020}^{(21)}m_{011}^{(00)}-m_{200}^{(22)}m_{011}^{(00)}m_{011}^{(11)}-2m_{110}^{(00)}m_{110}^{(11)}m_{002}^{(22)}\\
&+m_{110}^{(00)}m_{110}^{(21)}m_{011}^{(22)}+3m_{110}^{(00)}m_{110}^{(21)}m_{002}^{(21)}-m_{110}^{(00)}m_{110}^{(22)}m_{011}^{(21)}-m_{110}^{(00)}m_{110}^{(22)}m_{002}^{(11)}\\
&+2m_{110}^{(00)}m_{101}^{(11)}m_{002}^{(21)}+m_{110}^{(00)}m_{101}^{(21)}m_{020}^{(22)}-3m_{110}^{(00)}m_{101}^{(21)}m_{011}^{(21)}-2m_{110}^{(00)}m_{101}^{(21)}m_{002}^{(11)}\\
&-m_{110}^{(00)}m_{101}^{(22)}m_{020}^{(21)}+3m_{110}^{(00)}m_{101}^{(22)}m_{011}^{(11)}+2m_{110}^{(00)}m_{020}^{(10)}m_{002}^{(22)}-4m_{110}^{(00)}m_{020}^{(20)}m_{011}^{(22)}\\
&+2m_{110}^{(00)}m_{020}^{(20)}m_{002}^{(21)}-m_{110}^{(00)}m_{020}^{(21)}m_{002}^{(20)}+4m_{110}^{(00)}m_{020}^{(22)}m_{011}^{(20)}-3m_{110}^{(00)}m_{020}^{(22)}m_{002}^{(10)}
\end{aligned}
$$

$$+m_{110}^{(00)}m_{011}^{(10)}m_{011}^{(22)}-5m_{110}^{(00)}m_{011}^{(10)}m_{002}^{(21)}-m_{110}^{(00)}m_{011}^{(11)}m_{002}^{(20)}-m_{110}^{(00)}m_{011}^{(20)}m_{011}^{(21)}$$
$$+m_{110}^{(00)}m_{011}^{(20)}m_{002}^{(11)}+5m_{110}^{(00)}m_{011}^{(21)}m_{002}^{(10)}+2(m_{110}^{(10)})^2m_{002}^{(22)}-m_{110}^{(10)}m_{110}^{(20)}m_{011}^{(22)}$$
$$-3m_{110}^{(10)}m_{110}^{(20)}m_{002}^{(21)}-m_{110}^{(10)}m_{110}^{(21)}m_{101}^{(22)}-3m_{110}^{(10)}m_{110}^{(21)}m_{002}^{(20)}+2m_{110}^{(10)}(m_{110}^{(22)})^2$$
$$-3m_{110}^{(10)}m_{110}^{(22)}m_{101}^{(21)}-3m_{110}^{(10)}m_{110}^{(22)}m_{011}^{(20)}+6m_{110}^{(10)}m_{110}^{(22)}m_{002}^{(10)}-3m_{110}^{(10)}m_{101}^{(10)}m_{011}^{(22)}$$
$$-m_{110}^{(10)}m_{101}^{(10)}m_{002}^{(21)}-m_{110}^{(10)}m_{101}^{(11)}m_{101}^{(22)}+5m_{110}^{(10)}m_{101}^{(11)}m_{002}^{(20)}-m_{110}^{(10)}m_{101}^{(20)}m_{020}^{(22)}$$
$$+6m_{110}^{(10)}m_{101}^{(20)}m_{011}^{(21)}-m_{110}^{(10)}m_{101}^{(20)}m_{002}^{(11)}+3m_{110}^{(10)}(m_{101}^{(21)})^2-4m_{110}^{(10)}m_{101}^{(21)}m_{011}^{(20)}$$
$$-3m_{110}^{(10)}m_{101}^{(21)}m_{002}^{(10)}+5m_{110}^{(10)}m_{101}^{(22)}m_{020}^{(20)}-3m_{110}^{(10)}m_{101}^{(22)}m_{011}^{(10)}-2m_{110}^{(10)}m_{020}^{(00)}m_{002}^{(22)}$$
$$-m_{110}^{(10)}m_{020}^{(20)}m_{002}^{(20)}+m_{110}^{(10)}m_{020}^{(22)}m_{002}^{(00)}-m_{110}^{(10)}m_{011}^{(00)}m_{011}^{(22)}+5m_{110}^{(10)}m_{011}^{(00)}m_{002}^{(21)}$$
$$-m_{110}^{(10)}m_{011}^{(10)}m_{002}^{(20)}+3m_{110}^{(10)}(m_{011}^{(20)})^2-3m_{110}^{(10)}m_{011}^{(20)}m_{002}^{(10)}-m_{110}^{(10)}m_{011}^{(21)}m_{002}^{(00)}$$
$$-2m_{110}^{(10)}m_{002}^{(00)}m_{002}^{(11)}+2m_{110}^{(10)}(m_{002}^{(10)})^2+m_{110}^{(11)}m_{110}^{(20)}m_{101}^{(22)}+3m_{110}^{(11)}m_{110}^{(20)}m_{002}^{(20)}$$
$$-m_{110}^{(11)}m_{110}^{(22)}m_{101}^{(20)}-m_{110}^{(11)}m_{110}^{(22)}m_{002}^{(00)}+3m_{110}^{(11)}m_{101}^{(00)}m_{011}^{(22)}-m_{110}^{(11)}m_{101}^{(00)}m_{002}^{(21)}$$
$$+m_{110}^{(11)}m_{101}^{(10)}m_{101}^{(22)}-5m_{110}^{(11)}m_{101}^{(10)}m_{002}^{(20)}-m_{110}^{(11)}m_{101}^{(20)}m_{101}^{(21)}-3m_{110}^{(11)}m_{101}^{(20)}m_{011}^{(20)}$$
$$+5m_{110}^{(11)}m_{101}^{(20)}m_{002}^{(10)}+m_{110}^{(11)}m_{101}^{(21)}m_{002}^{(00)}+2m_{110}^{(11)}m_{011}^{(00)}m_{002}^{(20)}-2m_{110}^{(11)}m_{011}^{(20)}m_{002}^{(00)}$$
$$-(m_{110}^{(20)})^2m_{020}^{(22)}+3(m_{110}^{(20)})^2m_{011}^{(21)}-2m_{110}^{(20)}m_{110}^{(21)}m_{110}^{(22)}+m_{110}^{(20)}m_{110}^{(21)}m_{101}^{(21)}$$
$$+m_{110}^{(20)}m_{110}^{(21)}m_{011}^{(20)}-4m_{110}^{(20)}m_{110}^{(21)}m_{002}^{(10)}+2m_{110}^{(20)}m_{110}^{(22)}m_{101}^{(11)}+2m_{110}^{(20)}m_{110}^{(22)}m_{020}^{(20)}$$
$$-2m_{110}^{(20)}m_{110}^{(22)}m_{011}^{(10)}+4m_{110}^{(20)}m_{101}^{(10)}m_{020}^{(22)}-4m_{110}^{(20)}m_{101}^{(10)}m_{011}^{(21)}+4m_{110}^{(20)}m_{101}^{(10)}m_{002}^{(11)}$$
$$-2m_{110}^{(20)}m_{101}^{(11)}m_{101}^{(21)}-4m_{110}^{(20)}m_{101}^{(11)}m_{011}^{(20)}-4m_{110}^{(20)}m_{101}^{(11)}m_{002}^{(10)}-m_{110}^{(20)}m_{101}^{(20)}m_{020}^{(21)}$$
$$-3m_{110}^{(20)}m_{101}^{(20)}m_{011}^{(11)}-2m_{110}^{(20)}m_{101}^{(21)}m_{020}^{(20)}+15m_{110}^{(20)}m_{101}^{(21)}m_{011}^{(10)}-5m_{110}^{(20)}m_{101}^{(22)}m_{020}^{(10)}$$
$$+4m_{110}^{(20)}m_{020}^{(00)}m_{011}^{(22)}-2m_{110}^{(20)}m_{020}^{(00)}m_{002}^{(21)}+m_{110}^{(20)}m_{020}^{(10)}m_{002}^{(20)}-2m_{110}^{(20)}m_{020}^{(20)}m_{011}^{(20)}$$
$$+2m_{110}^{(20)}m_{020}^{(20)}m_{002}^{(10)}+m_{110}^{(20)}m_{020}^{(21)}m_{002}^{(00)}-2m_{110}^{(20)}m_{020}^{(22)}m_{011}^{(00)}-3m_{110}^{(20)}m_{011}^{(00)}m_{011}^{(21)}$$
$$+m_{110}^{(20)}m_{011}^{(00)}m_{002}^{(11)}+m_{110}^{(20)}m_{011}^{(10)}m_{011}^{(20)}-2m_{110}^{(20)}m_{011}^{(10)}m_{002}^{(10)}+m_{110}^{(20)}m_{011}^{(11)}m_{002}^{(00)}$$
$$+3(m_{110}^{(21)})^2m_{101}^{(20)}-2m_{110}^{(21)}m_{110}^{(22)}m_{101}^{(10)}+2m_{110}^{(21)}m_{110}^{(22)}m_{011}^{(00)}-2m_{110}^{(21)}m_{101}^{(00)}m_{020}^{(22)}$$
$$-3m_{110}^{(21)}m_{101}^{(00)}m_{011}^{(21)}+m_{110}^{(21)}m_{101}^{(00)}m_{002}^{(11)}+m_{110}^{(21)}m_{101}^{(10)}m_{101}^{(21)}+15m_{110}^{(21)}m_{101}^{(10)}m_{011}^{(20)}$$
$$-2m_{110}^{(21)}m_{101}^{(10)}m_{002}^{(10)}-3m_{110}^{(21)}m_{101}^{(11)}m_{101}^{(20)}+m_{110}^{(21)}m_{101}^{(11)}m_{002}^{(00)}-3m_{110}^{(21)}m_{101}^{(20)}m_{020}^{(20)}$$
$$-4m_{110}^{(21)}m_{101}^{(20)}m_{011}^{(10)}-4m_{110}^{(21)}m_{101}^{(21)}m_{011}^{(00)}+m_{110}^{(21)}m_{101}^{(22)}m_{020}^{(00)}+m_{110}^{(21)}m_{020}^{(00)}m_{002}^{(20)}$$
$$+m_{110}^{(21)}m_{020}^{(20)}m_{002}^{(00)}-2m_{110}^{(21)}m_{011}^{(00)}m_{011}^{(20)}-4m_{110}^{(21)}m_{011}^{(00)}m_{002}^{(10)}+4m_{110}^{(21)}m_{011}^{(10)}m_{002}^{(00)}$$
$$-(m_{110}^{(22)})^2m_{020}^{(00)}+2m_{110}^{(22)}m_{101}^{(00)}m_{020}^{(21)}+2m_{110}^{(22)}m_{101}^{(10)}m_{101}^{(11)}-4m_{110}^{(22)}m_{101}^{(10)}m_{020}^{(20)}$$
$$-4m_{110}^{(22)}m_{101}^{(10)}m_{011}^{(10)}+5m_{110}^{(22)}m_{101}^{(20)}m_{020}^{(10)}+m_{110}^{(22)}m_{101}^{(21)}m_{020}^{(00)}-2m_{110}^{(22)}m_{020}^{(00)}m_{011}^{(20)}$$
$$+m_{110}^{(22)}m_{020}^{(00)}m_{002}^{(10)}-3m_{110}^{(22)}m_{020}^{(10)}m_{002}^{(00)}+2m_{110}^{(22)}m_{020}^{(20)}m_{011}^{(00)}+2m_{110}^{(22)}m_{011}^{(00)}m_{011}^{(10)}$$
$$-m_{101}^{(00)}m_{101}^{(11)}m_{020}^{(22)}-m_{101}^{(00)}m_{101}^{(11)}m_{011}^{(21)}+3m_{101}^{(00)}m_{101}^{(21)}m_{020}^{(21)}+m_{101}^{(00)}m_{101}^{(21)}m_{011}^{(11)}$$
$$-2m_{101}^{(00)}m_{101}^{(22)}m_{020}^{(11)}-m_{101}^{(00)}m_{020}^{(10)}m_{011}^{(22)}-m_{101}^{(00)}m_{020}^{(10)}m_{002}^{(21)}+2m_{101}^{(00)}m_{020}^{(11)}m_{002}^{(20)}$$
$$+5m_{101}^{(00)}m_{020}^{(20)}m_{011}^{(21)}-3m_{101}^{(00)}m_{020}^{(20)}m_{002}^{(11)}-5m_{101}^{(00)}m_{020}^{(21)}m_{011}^{(20)}+2m_{101}^{(00)}m_{020}^{(21)}m_{002}^{(10)}$$
$$+m_{101}^{(00)}m_{020}^{(22)}m_{011}^{(10)}-m_{101}^{(00)}m_{011}^{(10)}m_{011}^{(21)}+4m_{101}^{(00)}m_{011}^{(10)}m_{002}^{(11)}+m_{101}^{(00)}m_{011}^{(11)}m_{011}^{(20)}$$
$$-4m_{101}^{(00)}m_{011}^{(11)}m_{002}^{(10)}+3(m_{101}^{(10)})^2m_{011}^{(21)}-(m_{101}^{(10)})^2m_{002}^{(11)}-2m_{101}^{(10)}m_{101}^{(11)}m_{101}^{(21)}$$
$$-2m_{101}^{(10)}m_{101}^{(11)}m_{011}^{(20)}+2m_{101}^{(10)}m_{101}^{(11)}m_{002}^{(10)}-3m_{101}^{(10)}m_{101}^{(20)}m_{020}^{(21)}-m_{101}^{(10)}m_{101}^{(20)}m_{011}^{(11)}$$
$$-4m_{101}^{(10)}m_{101}^{(21)}m_{020}^{(20)}+m_{101}^{(10)}m_{101}^{(21)}m_{011}^{(10)}+3m_{101}^{(10)}m_{101}^{(22)}m_{020}^{(10)}+m_{101}^{(10)}m_{020}^{(00)}m_{011}^{(22)}$$
$$+m_{101}^{(10)}m_{020}^{(00)}m_{002}^{(21)}+m_{101}^{(10)}m_{020}^{(10)}m_{002}^{(20)}-2m_{101}^{(10)}m_{020}^{(20)}m_{011}^{(20)}+2m_{101}^{(10)}m_{020}^{(20)}m_{002}^{(10)}$$
$$-2m_{101}^{(10)}m_{020}^{(21)}m_{002}^{(00)}+m_{101}^{(10)}m_{020}^{(22)}m_{011}^{(00)}-3m_{101}^{(10)}m_{011}^{(00)}m_{011}^{(21)}-2m_{101}^{(10)}m_{011}^{(00)}m_{002}^{(11)}$$

$$
\begin{aligned}
&+m_{101}^{(10)}m_{011}^{(10)}m_{011}^{(20)} - 2m_{101}^{(10)}m_{011}^{(10)}m_{002}^{(10)} + 4m_{101}^{(10)}m_{011}^{(11)}m_{002}^{(00)} + 2(m_{101}^{(11)})^2m_{101}^{(20)}\\
&-(m_{101}^{(11)})^2m_{002}^{(00)} + 6m_{101}^{(11)}m_{101}^{(20)}m_{020}^{(20)} - 3m_{101}^{(11)}m_{101}^{(20)}m_{011}^{(10)} + 2m_{101}^{(11)}m_{101}^{(21)}m_{011}^{(00)}\\
&-m_{101}^{(11)}m_{101}^{(22)}m_{020}^{(00)} - 3m_{101}^{(11)}m_{020}^{(00)}m_{002}^{(20)} + m_{101}^{(11)}m_{020}^{(20)}m_{002}^{(00)} + 2m_{101}^{(11)}m_{011}^{(00)}m_{011}^{(20)}\\
&+2m_{101}^{(11)}m_{011}^{(00)}m_{002}^{(10)} - 2m_{101}^{(11)}m_{011}^{(10)}m_{002}^{(00)} + 2(m_{101}^{(20)})^2m_{020}^{(11)} - 3m_{101}^{(20)}m_{101}^{(21)}m_{020}^{(10)}\\
&-2m_{101}^{(20)}m_{020}^{(00)}m_{020}^{(22)} - m_{101}^{(20)}m_{020}^{(00)}m_{011}^{(21)} + m_{101}^{(20)}m_{020}^{(00)}m_{002}^{(11)} - m_{101}^{(20)}m_{020}^{(10)}m_{011}^{(20)}\\
&-m_{101}^{(20)}m_{020}^{(10)}m_{002}^{(10)} - 2m_{101}^{(20)}m_{020}^{(11)}m_{002}^{(00)} + 2m_{101}^{(20)}(m_{020}^{(20)})^2 - 3m_{101}^{(20)}m_{020}^{(20)}m_{011}^{(10)}\\
&+5m_{101}^{(20)}m_{020}^{(21)}m_{011}^{(00)} - m_{101}^{(20)}m_{011}^{(00)}m_{011}^{(11)} + 3m_{101}^{(20)}(m_{011}^{(10)})^2 + 4m_{101}^{(21)}m_{020}^{(00)}m_{011}^{(20)}\\
&+m_{101}^{(21)}m_{020}^{(00)}m_{002}^{(10)} + m_{101}^{(21)}m_{020}^{(10)}m_{002}^{(00)} - 4m_{101}^{(21)}m_{020}^{(20)}m_{011}^{(00)} - 2m_{101}^{(21)}m_{011}^{(00)}m_{011}^{(10)}\\
&-2m_{101}^{(22)}m_{020}^{(00)}m_{011}^{(10)} + 2m_{101}^{(22)}m_{020}^{(10)}m_{011}^{(00)} + m_{020}^{(00)}m_{020}^{(22)}m_{002}^{(00)} + 4m_{020}^{(00)}m_{011}^{(10)}m_{002}^{(20)}\\
&-m_{020}^{(00)}(m_{011}^{(20)})^2 - 2m_{020}^{(00)}m_{011}^{(20)}m_{002}^{(10)} - 2m_{020}^{(00)}m_{011}^{(21)}m_{002}^{(00)} + m_{020}^{(00)}m_{002}^{(00)}m_{002}^{(11)}\\
&-m_{020}^{(00)}(m_{002}^{(10)})^2 - 4m_{020}^{(10)}m_{011}^{(00)}m_{002}^{(20)} + 4m_{020}^{(10)}m_{011}^{(20)}m_{002}^{(00)} - (m_{020}^{(20)})^2m_{002}^{(00)}\\
&+2m_{020}^{(20)}m_{011}^{(00)}m_{011}^{(20)} + 2m_{020}^{(20)}m_{011}^{(00)}m_{002}^{(10)} - 2m_{020}^{(20)}m_{011}^{(10)}m_{002}^{(00)} - m_{020}^{(22)}(m_{011}^{(00)})^2\\
&+2(m_{011}^{(00)})^2m_{011}^{(21)} - (m_{011}^{(00)})^2m_{002}^{(11)} - 2m_{011}^{(00)}m_{011}^{(10)}m_{011}^{(20)} + 2m_{011}^{(00)}m_{011}^{(10)}m_{002}^{(10)}\\
&-(m_{011}^{(10)})^2m_{002}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & 1 & V1 & 1\\
V2 & V2 & 2 & V3\\
2 & V3 & 3 & 3
\end{array}
$$



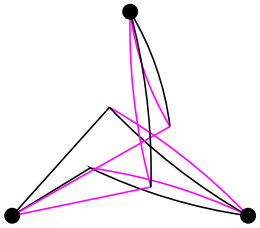
$$
\begin{aligned}
T_{39} \;=\;& m_{200}^{(00)}(m_{020}^{(22)})^2 - 4m_{200}^{(00)}m_{020}^{(22)}m_{011}^{(21)} + 2m_{200}^{(00)}m_{020}^{(22)}m_{002}^{(11)} + 4m_{200}^{(00)}(m_{011}^{(21)})^2\\
&-4m_{200}^{(00)}m_{011}^{(21)}m_{002}^{(11)} + m_{200}^{(00)}(m_{002}^{(11)})^2 - 2m_{200}^{(10)}m_{110}^{(22)}m_{020}^{(22)} + 4m_{200}^{(10)}m_{110}^{(22)}m_{011}^{(21)}\\
&-2m_{200}^{(10)}m_{110}^{(22)}m_{002}^{(11)} + 2m_{200}^{(10)}m_{101}^{(21)}m_{020}^{(22)} - 4m_{200}^{(10)}m_{101}^{(21)}m_{011}^{(21)} + 2m_{200}^{(10)}m_{101}^{(21)}m_{002}^{(11)}\\
&+2m_{200}^{(10)}m_{020}^{(22)}m_{011}^{(20)} - 2m_{200}^{(10)}m_{020}^{(22)}m_{002}^{(10)} - 4m_{200}^{(10)}m_{011}^{(20)}m_{011}^{(21)} + 2m_{200}^{(10)}m_{011}^{(20)}m_{002}^{(11)}\\
&+4m_{200}^{(10)}m_{011}^{(21)}m_{002}^{(10)} - 2m_{200}^{(10)}m_{002}^{(10)}m_{002}^{(11)} + (m_{200}^{(11)})^2m_{002}^{(22)} - 2m_{200}^{(11)}m_{200}^{(21)}m_{011}^{(22)}\\
&-2m_{200}^{(11)}m_{200}^{(21)}m_{002}^{(21)} + 3m_{200}^{(11)}m_{200}^{(22)}m_{020}^{(22)} - 4m_{200}^{(11)}m_{200}^{(22)}m_{011}^{(21)} + 3m_{200}^{(11)}m_{200}^{(22)}m_{002}^{(11)}\\
&-4m_{200}^{(11)}m_{110}^{(10)}m_{002}^{(22)} + 2m_{200}^{(11)}m_{110}^{(20)}m_{011}^{(22)} + 2m_{200}^{(11)}m_{110}^{(20)}m_{002}^{(21)} + 2m_{200}^{(11)}m_{110}^{(21)}m_{101}^{(22)}\\
&+2m_{200}^{(11)}m_{110}^{(21)}m_{002}^{(20)} - 2m_{200}^{(11)}(m_{110}^{(22)})^2 + 2m_{200}^{(11)}m_{110}^{(22)}m_{101}^{(21)} + 2m_{200}^{(11)}m_{110}^{(22)}m_{011}^{(20)}\\
&-4m_{200}^{(11)}m_{110}^{(22)}m_{002}^{(10)} + 2m_{200}^{(11)}m_{101}^{(10)}m_{011}^{(22)} + 2m_{200}^{(11)}m_{101}^{(10)}m_{002}^{(21)} - 2m_{200}^{(11)}m_{101}^{(11)}m_{101}^{(22)}
\end{aligned}
$$

$$
\begin{aligned}
&-2m_{200}^{(11)}m_{101}^{(11)}m_{002}^{(20)} - 4m_{200}^{(11)}m_{101}^{(20)}m_{020}^{(22)} + 4m_{200}^{(11)}m_{101}^{(20)}m_{011}^{(21)} - 4m_{200}^{(11)}m_{101}^{(20)}m_{002}^{(11)}\\
&+2m_{200}^{(11)}m_{101}^{(21)}m_{002}^{(10)} - 2m_{200}^{(11)}m_{101}^{(22)}m_{020}^{(20)} + 2m_{200}^{(11)}m_{101}^{(22)}m_{011}^{(10)} + 2m_{200}^{(11)}m_{020}^{(00)}m_{002}^{(22)}\\
&-2m_{200}^{(11)}m_{020}^{(20)}m_{002}^{(20)} + 3m_{200}^{(11)}m_{020}^{(22)}m_{002}^{(00)} - 2m_{200}^{(11)}m_{011}^{(00)}m_{011}^{(22)} - 2m_{200}^{(11)}m_{011}^{(00)}m_{002}^{(21)}\\
&+2m_{200}^{(11)}m_{011}^{(10)}m_{002}^{(20)} + 2m_{200}^{(11)}m_{011}^{(20)}m_{002}^{(10)} - 4m_{200}^{(11)}m_{011}^{(21)}m_{002}^{(00)} + 3m_{200}^{(11)}m_{002}^{(00)}m_{002}^{(11)}\\
&-2m_{200}^{(11)}(m_{002}^{(10)})^2 + 2m_{200}^{(20)}m_{110}^{(21)}m_{020}^{(22)} - 4m_{200}^{(20)}m_{110}^{(21)}m_{011}^{(21)} + 2m_{200}^{(20)}m_{110}^{(21)}m_{002}^{(11)}\\
&-2m_{200}^{(20)}m_{101}^{(11)}m_{020}^{(22)} + 4m_{200}^{(20)}m_{101}^{(11)}m_{011}^{(21)} - 2m_{200}^{(20)}m_{101}^{(11)}m_{002}^{(11)} - 2m_{200}^{(20)}m_{020}^{(20)}m_{020}^{(22)}\\
&+4m_{200}^{(20)}m_{020}^{(20)}m_{011}^{(21)} - 2m_{200}^{(20)}m_{020}^{(20)}m_{002}^{(11)} + 2m_{200}^{(20)}m_{020}^{(22)}m_{011}^{(10)} - 4m_{200}^{(20)}m_{011}^{(10)}m_{011}^{(21)}\\
&+2m_{200}^{(20)}m_{011}^{(10)}m_{002}^{(11)} - 2(m_{200}^{(21)})^2m_{020}^{(22)} + 8(m_{200}^{(21)})^2m_{011}^{(21)} - 2(m_{200}^{(21)})^2m_{002}^{(11)}\\
&-2m_{200}^{(21)}m_{200}^{(22)}m_{020}^{(21)} - 2m_{200}^{(21)}m_{200}^{(22)}m_{011}^{(11)} + 4m_{200}^{(21)}m_{110}^{(10)}m_{011}^{(22)} + 4m_{200}^{(21)}m_{110}^{(10)}m_{002}^{(21)}\\
&+2m_{200}^{(21)}m_{110}^{(20)}m_{020}^{(22)} - 12m_{200}^{(21)}m_{110}^{(20)}m_{011}^{(21)} + 2m_{200}^{(21)}m_{110}^{(20)}m_{002}^{(11)} + 4m_{200}^{(21)}m_{110}^{(21)}m_{110}^{(22)}\\
&-8m_{200}^{(21)}m_{110}^{(21)}m_{101}^{(21)} - 8m_{200}^{(21)}m_{110}^{(21)}m_{011}^{(20)} + 4m_{200}^{(21)}m_{110}^{(21)}m_{002}^{(10)} + 4m_{200}^{(21)}m_{110}^{(22)}m_{011}^{(10)}\\
&+2m_{200}^{(21)}m_{101}^{(10)}m_{020}^{(22)} - 12m_{200}^{(21)}m_{101}^{(10)}m_{011}^{(21)} + 2m_{200}^{(21)}m_{101}^{(10)}m_{002}^{(11)} + 4m_{200}^{(21)}m_{101}^{(11)}m_{101}^{(21)}\\
&+4m_{200}^{(21)}m_{101}^{(11)}m_{011}^{(20)} + 4m_{200}^{(21)}m_{101}^{(20)}m_{020}^{(21)} + 4m_{200}^{(21)}m_{101}^{(20)}m_{011}^{(11)} + 4m_{200}^{(21)}m_{101}^{(21)}m_{020}^{(20)}\\
&-8m_{200}^{(21)}m_{101}^{(21)}m_{011}^{(10)} - 2m_{200}^{(21)}m_{020}^{(00)}m_{011}^{(22)} - 2m_{200}^{(21)}m_{020}^{(00)}m_{002}^{(21)} + 4m_{200}^{(21)}m_{020}^{(20)}m_{011}^{(20)}\\
&-2m_{200}^{(21)}m_{020}^{(21)}m_{002}^{(00)} - 4m_{200}^{(21)}m_{020}^{(22)}m_{011}^{(00)} + 16m_{200}^{(21)}m_{011}^{(00)}m_{011}^{(21)} - 4m_{200}^{(21)}m_{011}^{(00)}m_{002}^{(11)}\\
&-8m_{200}^{(21)}m_{011}^{(10)}m_{011}^{(20)} + 4m_{200}^{(21)}m_{011}^{(10)}m_{002}^{(10)} - 2m_{200}^{(21)}m_{011}^{(11)}m_{002}^{(00)} + (m_{200}^{(22)})^2m_{020}^{(11)}\\
&-4m_{200}^{(22)}m_{110}^{(10)}m_{020}^{(22)} + 4m_{200}^{(22)}m_{110}^{(10)}m_{011}^{(21)} - 4m_{200}^{(22)}m_{110}^{(10)}m_{002}^{(11)} - 2m_{200}^{(22)}m_{110}^{(11)}m_{110}^{(22)}\\
&+2m_{200}^{(22)}m_{110}^{(11)}m_{101}^{(21)} + 2m_{200}^{(22)}m_{110}^{(11)}m_{011}^{(20)} - 2m_{200}^{(22)}m_{110}^{(11)}m_{002}^{(10)} + 2m_{200}^{(22)}m_{110}^{(20)}m_{020}^{(21)}\\
&+2m_{200}^{(22)}m_{110}^{(20)}m_{011}^{(11)} + 2m_{200}^{(22)}m_{110}^{(21)}m_{101}^{(11)} + 2m_{200}^{(22)}m_{110}^{(21)}m_{020}^{(20)} - 2m_{200}^{(22)}m_{110}^{(22)}m_{020}^{(10)}\\
&+2m_{200}^{(22)}m_{101}^{(10)}m_{020}^{(21)} + 2m_{200}^{(22)}m_{101}^{(10)}m_{011}^{(11)} - 2m_{200}^{(22)}(m_{101}^{(11)})^2 - 4m_{200}^{(22)}m_{101}^{(11)}m_{020}^{(20)}\\
&+2m_{200}^{(22)}m_{101}^{(11)}m_{011}^{(10)} - 4m_{200}^{(22)}m_{101}^{(20)}m_{020}^{(11)} + 2m_{200}^{(22)}m_{101}^{(21)}m_{020}^{(10)} + 3m_{200}^{(22)}m_{020}^{(00)}m_{020}^{(22)}\\
&-4m_{200}^{(22)}m_{020}^{(00)}m_{011}^{(21)} + 3m_{200}^{(22)}m_{020}^{(00)}m_{002}^{(11)} + 2m_{200}^{(22)}m_{020}^{(10)}m_{011}^{(20)} - 2m_{200}^{(22)}m_{020}^{(10)}m_{002}^{(10)}\\
&+2m_{200}^{(22)}m_{020}^{(11)}m_{002}^{(00)} - 2m_{200}^{(22)}(m_{020}^{(20)})^2 + 2m_{200}^{(22)}m_{020}^{(20)}m_{011}^{(10)} - 2m_{200}^{(22)}m_{020}^{(21)}m_{011}^{(00)}\\
&-2m_{200}^{(22)}m_{011}^{(00)}m_{011}^{(11)} - 2m_{110}^{(00)}m_{110}^{(22)}m_{020}^{(22)} + 4m_{110}^{(00)}m_{110}^{(22)}m_{011}^{(21)} - 2m_{110}^{(00)}m_{110}^{(22)}m_{002}^{(11)}\\
&+2m_{110}^{(00)}m_{101}^{(21)}m_{020}^{(22)} - 4m_{110}^{(00)}m_{101}^{(21)}m_{011}^{(21)} + 2m_{110}^{(00)}m_{101}^{(21)}m_{002}^{(11)} + 2m_{110}^{(00)}m_{020}^{(22)}m_{011}^{(20)}\\
&-2m_{110}^{(00)}m_{020}^{(22)}m_{002}^{(10)} - 4m_{110}^{(00)}m_{011}^{(20)}m_{011}^{(21)} + 2m_{110}^{(00)}m_{011}^{(20)}m_{002}^{(11)} + 4m_{110}^{(00)}m_{011}^{(21)}m_{002}^{(10)}\\
&-2m_{110}^{(00)}m_{002}^{(10)}m_{002}^{(11)} + 4(m_{110}^{(10)})^2m_{002}^{(22)} - 4m_{110}^{(10)}m_{110}^{(20)}m_{011}^{(22)} - 4m_{110}^{(10)}m_{110}^{(20)}m_{002}^{(21)}\\
&-4m_{110}^{(10)}m_{110}^{(21)}m_{101}^{(22)} - 4m_{110}^{(10)}m_{110}^{(21)}m_{002}^{(20)} + 8m_{110}^{(10)}(m_{110}^{(22)})^2 - 12m_{110}^{(10)}m_{110}^{(22)}m_{101}^{(21)}\\
&-12m_{110}^{(10)}m_{110}^{(22)}m_{011}^{(20)} + 16m_{110}^{(10)}m_{110}^{(22)}m_{002}^{(10)} - 4m_{110}^{(10)}m_{101}^{(10)}m_{011}^{(22)} - 4m_{110}^{(10)}m_{101}^{(10)}m_{002}^{(21)}\\
&+4m_{110}^{(10)}m_{101}^{(11)}m_{101}^{(22)} + 4m_{110}^{(10)}m_{101}^{(11)}m_{002}^{(20)} + 4m_{110}^{(10)}m_{101}^{(20)}m_{020}^{(22)} + 4m_{110}^{(10)}m_{101}^{(20)}m_{002}^{(11)}\\
&+4m_{110}^{(10)}(m_{101}^{(21)})^2 + 8m_{110}^{(10)}m_{101}^{(21)}m_{011}^{(20)} - 12m_{110}^{(10)}m_{101}^{(21)}m_{002}^{(10)} + 4m_{110}^{(10)}m_{101}^{(22)}m_{020}^{(20)}\\
&-4m_{110}^{(10)}m_{101}^{(22)}m_{011}^{(10)} - 4m_{110}^{(10)}m_{020}^{(00)}m_{002}^{(22)} + 4m_{110}^{(10)}m_{020}^{(20)}m_{002}^{(20)} - 4m_{110}^{(10)}m_{020}^{(22)}m_{002}^{(00)}\\
&+4m_{110}^{(10)}m_{011}^{(00)}m_{011}^{(22)} + 4m_{110}^{(10)}m_{011}^{(00)}m_{002}^{(21)} - 4m_{110}^{(10)}m_{011}^{(10)}m_{002}^{(20)} + 4m_{110}^{(10)}(m_{011}^{(20)})^2\\
&-12m_{110}^{(10)}m_{011}^{(20)}m_{002}^{(10)} + 4m_{110}^{(10)}m_{011}^{(21)}m_{002}^{(00)} - 4m_{110}^{(10)}m_{002}^{(00)}m_{002}^{(11)} + 8m_{110}^{(10)}(m_{002}^{(10)})^2\\
&+4m_{110}^{(11)}m_{110}^{(22)}m_{101}^{(20)} - 2m_{110}^{(11)}m_{110}^{(22)}m_{002}^{(00)} - 4m_{110}^{(11)}m_{101}^{(20)}m_{101}^{(21)} - 4m_{110}^{(11)}m_{101}^{(20)}m_{011}^{(20)}\\
&+4m_{110}^{(11)}m_{101}^{(20)}m_{002}^{(10)} + 2m_{110}^{(11)}m_{101}^{(21)}m_{002}^{(00)} + 2m_{110}^{(11)}m_{011}^{(20)}m_{002}^{(00)} - 2m_{110}^{(11)}m_{002}^{(00)}m_{002}^{(10)}\\
&+4(m_{110}^{(20)})^2m_{011}^{(21)} - 8m_{110}^{(20)}m_{110}^{(21)}m_{110}^{(22)} + 12m_{110}^{(20)}m_{110}^{(21)}m_{101}^{(21)} + 12m_{110}^{(20)}m_{110}^{(21)}m_{011}^{(20)}\\
&-8m_{110}^{(20)}m_{110}^{(21)}m_{002}^{(10)} + 4m_{110}^{(20)}m_{110}^{(22)}m_{101}^{(11)} + 4m_{110}^{(20)}m_{110}^{(22)}m_{020}^{(20)} - 8m_{110}^{(20)}m_{110}^{(22)}m_{011}^{(10)}
\end{aligned}
$$

$$
\begin{aligned}
&+8m_{110}^{(20)}m_{101}^{(10)}m_{011}^{(21)} - 8m_{110}^{(20)}m_{101}^{(11)}m_{101}^{(21)} - 8m_{110}^{(20)}m_{101}^{(11)}m_{011}^{(20)} + 4m_{110}^{(20)}m_{101}^{(11)}m_{002}^{(10)}\\
&-4m_{110}^{(20)}m_{101}^{(20)}m_{020}^{(21)} - 4m_{110}^{(20)}m_{101}^{(20)}m_{011}^{(11)} - 8m_{110}^{(20)}m_{101}^{(21)}m_{020}^{(20)} + 12m_{110}^{(20)}m_{101}^{(21)}m_{011}^{(10)}\\
&+2m_{110}^{(20)}m_{020}^{(00)}m_{011}^{(22)} + 2m_{110}^{(20)}m_{020}^{(00)}m_{002}^{(21)} - 8m_{110}^{(20)}m_{020}^{(20)}m_{011}^{(20)} + 4m_{110}^{(20)}m_{020}^{(20)}m_{002}^{(10)}\\
&+2m_{110}^{(20)}m_{020}^{(21)}m_{002}^{(00)} + 2m_{110}^{(20)}m_{020}^{(22)}m_{011}^{(00)} - 12m_{110}^{(20)}m_{011}^{(00)}m_{011}^{(21)} + 2m_{110}^{(20)}m_{011}^{(00)}m_{002}^{(11)}\\
&+12m_{110}^{(20)}m_{011}^{(10)}m_{011}^{(20)} - 8m_{110}^{(20)}m_{011}^{(10)}m_{002}^{(10)} + 2m_{110}^{(20)}m_{011}^{(11)}m_{002}^{(00)} + 4(m_{110}^{(21)})^2m_{101}^{(20)}\\
&-8m_{110}^{(21)}m_{110}^{(22)}m_{101}^{(10)} + 4m_{110}^{(21)}m_{110}^{(22)}m_{011}^{(00)} + 2m_{110}^{(21)}m_{101}^{(00)}m_{020}^{(22)} - 4m_{110}^{(21)}m_{101}^{(00)}m_{011}^{(21)}\\
&+2m_{110}^{(21)}m_{101}^{(00)}m_{002}^{(11)} + 12m_{110}^{(21)}m_{101}^{(10)}m_{101}^{(21)} + 12m_{110}^{(21)}m_{101}^{(10)}m_{011}^{(20)} - 8m_{110}^{(21)}m_{101}^{(10)}m_{002}^{(10)}\\
&-12m_{110}^{(21)}m_{101}^{(11)}m_{101}^{(20)} + 2m_{110}^{(21)}m_{101}^{(11)}m_{002}^{(00)} - 12m_{110}^{(21)}m_{101}^{(20)}m_{020}^{(20)} + 8m_{110}^{(21)}m_{101}^{(20)}m_{011}^{(10)}\\
&-8m_{110}^{(21)}m_{101}^{(21)}m_{011}^{(00)} + 2m_{110}^{(21)}m_{101}^{(22)}m_{020}^{(00)} + 2m_{110}^{(21)}m_{020}^{(00)}m_{002}^{(20)} + 2m_{110}^{(21)}m_{020}^{(20)}m_{002}^{(00)}\\
&-8m_{110}^{(21)}m_{011}^{(00)}m_{011}^{(20)} + 4m_{110}^{(21)}m_{011}^{(00)}m_{002}^{(10)} - 2(m_{110}^{(22)})^2m_{020}^{(00)} + 4m_{110}^{(22)}m_{101}^{(10)}m_{101}^{(11)}\\
&+4m_{110}^{(22)}m_{101}^{(10)}m_{020}^{(20)} - 8m_{110}^{(22)}m_{101}^{(10)}m_{011}^{(10)} + 4m_{110}^{(22)}m_{101}^{(20)}m_{020}^{(10)} + 2m_{110}^{(22)}m_{101}^{(21)}m_{020}^{(00)}\\
&+2m_{110}^{(22)}m_{020}^{(00)}m_{011}^{(20)} - 4m_{110}^{(22)}m_{020}^{(00)}m_{002}^{(10)} - 2m_{110}^{(22)}m_{020}^{(10)}m_{002}^{(00)} + 4m_{110}^{(22)}m_{011}^{(00)}m_{011}^{(10)}\\
&-2m_{101}^{(00)}m_{101}^{(11)}m_{020}^{(22)} + 4m_{101}^{(00)}m_{101}^{(11)}m_{011}^{(21)} - 2m_{101}^{(00)}m_{101}^{(11)}m_{002}^{(11)} - 2m_{101}^{(00)}m_{020}^{(20)}m_{020}^{(22)}\\
&+4m_{101}^{(00)}m_{020}^{(20)}m_{011}^{(21)} - 2m_{101}^{(00)}m_{020}^{(20)}m_{002}^{(11)} + 2m_{101}^{(00)}m_{020}^{(22)}m_{011}^{(10)} - 4m_{101}^{(00)}m_{011}^{(10)}m_{011}^{(21)}\\
&+2m_{101}^{(00)}m_{011}^{(10)}m_{002}^{(11)} + 4(m_{101}^{(10)})^2m_{011}^{(21)} - 8m_{101}^{(10)}m_{101}^{(11)}m_{101}^{(21)} - 8m_{101}^{(10)}m_{101}^{(11)}m_{011}^{(20)}\\
&+4m_{101}^{(10)}m_{101}^{(11)}m_{002}^{(10)} - 4m_{101}^{(10)}m_{101}^{(20)}m_{020}^{(21)} - 4m_{101}^{(10)}m_{101}^{(20)}m_{011}^{(11)} - 8m_{101}^{(10)}m_{101}^{(21)}m_{020}^{(20)}\\
&+12m_{101}^{(10)}m_{101}^{(21)}m_{011}^{(10)} + 2m_{101}^{(10)}m_{020}^{(00)}m_{011}^{(22)} + 2m_{101}^{(10)}m_{020}^{(00)}m_{002}^{(21)} - 8m_{101}^{(10)}m_{020}^{(20)}m_{011}^{(20)}\\
&+4m_{101}^{(10)}m_{020}^{(20)}m_{002}^{(10)} + 2m_{101}^{(10)}m_{020}^{(21)}m_{002}^{(00)} + 2m_{101}^{(10)}m_{020}^{(22)}m_{011}^{(00)} - 12m_{101}^{(10)}m_{011}^{(00)}m_{011}^{(21)}\\
&+2m_{101}^{(10)}m_{011}^{(00)}m_{002}^{(11)} + 12m_{101}^{(10)}m_{011}^{(10)}m_{011}^{(20)} - 8m_{101}^{(10)}m_{011}^{(10)}m_{002}^{(10)} + 2m_{101}^{(10)}m_{011}^{(11)}m_{002}^{(00)}\\
&+8(m_{101}^{(11)})^2m_{101}^{(20)} - 2(m_{101}^{(11)})^2m_{002}^{(00)} + 16m_{101}^{(11)}m_{101}^{(20)}m_{020}^{(20)} - 12m_{101}^{(11)}m_{101}^{(20)}m_{011}^{(10)}\\
&+4m_{101}^{(11)}m_{101}^{(21)}m_{011}^{(00)} - 2m_{101}^{(11)}m_{101}^{(22)}m_{020}^{(00)} - 2m_{101}^{(11)}m_{020}^{(00)}m_{002}^{(20)} - 4m_{101}^{(11)}m_{020}^{(20)}m_{002}^{(00)}\\
&+4m_{101}^{(11)}m_{011}^{(00)}m_{011}^{(20)} + 2m_{101}^{(11)}m_{011}^{(10)}m_{002}^{(00)} + 4(m_{101}^{(20)})^2m_{020}^{(11)} - 4m_{101}^{(20)}m_{101}^{(21)}m_{020}^{(10)}\\
&-4m_{101}^{(20)}m_{020}^{(00)}m_{020}^{(22)} + 4m_{101}^{(20)}m_{020}^{(00)}m_{011}^{(21)} - 4m_{101}^{(20)}m_{020}^{(00)}m_{002}^{(11)} - 4m_{101}^{(20)}m_{020}^{(10)}m_{011}^{(20)}\\
&+4m_{101}^{(20)}m_{020}^{(10)}m_{002}^{(10)} - 4m_{101}^{(20)}m_{020}^{(11)}m_{002}^{(00)} + 8m_{101}^{(20)}(m_{020}^{(20)})^2 - 12m_{101}^{(20)}m_{020}^{(20)}m_{011}^{(10)}\\
&+4m_{101}^{(20)}m_{020}^{(21)}m_{011}^{(00)} + 4m_{101}^{(20)}m_{011}^{(00)}m_{011}^{(11)} + 4m_{101}^{(20)}(m_{011}^{(10)})^2 + 2m_{101}^{(21)}m_{020}^{(00)}m_{002}^{(10)}\\
&+2m_{101}^{(21)}m_{020}^{(10)}m_{002}^{(00)} + 4m_{101}^{(21)}m_{020}^{(20)}m_{011}^{(00)} - 8m_{101}^{(21)}m_{011}^{(00)}m_{011}^{(10)} - 2m_{101}^{(22)}m_{020}^{(00)}m_{020}^{(20)}\\
&+2m_{101}^{(22)}m_{020}^{(00)}m_{011}^{(10)} + (m_{020}^{(00)})^2m_{002}^{(22)} - 2m_{020}^{(00)}m_{020}^{(20)}m_{002}^{(20)} + 3m_{020}^{(00)}m_{020}^{(22)}m_{002}^{(00)}\\
&-2m_{020}^{(00)}m_{011}^{(00)}m_{011}^{(22)} - 2m_{020}^{(00)}m_{011}^{(00)}m_{002}^{(21)} + 2m_{020}^{(00)}m_{011}^{(10)}m_{002}^{(20)} + 2m_{020}^{(00)}m_{011}^{(20)}m_{002}^{(10)}\\
&-4m_{020}^{(00)}m_{011}^{(21)}m_{002}^{(00)} + 3m_{020}^{(00)}m_{002}^{(00)}m_{002}^{(11)} - 2m_{020}^{(00)}(m_{002}^{(10)})^2 + 2m_{020}^{(10)}m_{011}^{(20)}m_{002}^{(00)}\\
&-2m_{020}^{(10)}m_{002}^{(00)}m_{002}^{(10)} + m_{020}^{(11)}(m_{002}^{(00)})^2 - 2(m_{020}^{(20)})^2m_{002}^{(00)} + 4m_{020}^{(20)}m_{011}^{(00)}m_{011}^{(20)}\\
&+2m_{020}^{(20)}m_{011}^{(10)}m_{002}^{(00)} - 2m_{020}^{(21)}m_{011}^{(00)}m_{002}^{(00)} - 2m_{020}^{(22)}(m_{011}^{(00)})^2 + 8(m_{011}^{(00)})^2m_{011}^{(21)}\\
&-2(m_{011}^{(00)})^2m_{002}^{(11)} - 8m_{011}^{(00)}m_{011}^{(10)}m_{011}^{(20)} + 4m_{011}^{(00)}m_{011}^{(10)}m_{002}^{(10)} - 2m_{011}^{(00)}m_{011}^{(11)}m_{002}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & V1 & 1 & 1\\
V2 & V2 & V3 & V3\\
2 & 2 & 3 & 3
\end{array}
$$



$$
\begin{aligned}
T_{40} \;=\;& m_{200}^{(00)}(m_{020}^{(22)})^2 - 4m_{200}^{(00)}m_{020}^{(22)}m_{011}^{(21)} + 2m_{200}^{(00)}m_{020}^{(22)}m_{002}^{(11)} + 4m_{200}^{(00)}(m_{011}^{(21)})^2 \\
& -4m_{200}^{(00)}m_{011}^{(21)}m_{002}^{(11)} + m_{200}^{(00)}(m_{002}^{(11)})^2 - 2m_{200}^{(10)}m_{110}^{(22)}m_{020}^{(22)} + 4m_{200}^{(10)}m_{110}^{(22)}m_{011}^{(21)} \\
& -2m_{200}^{(10)}m_{110}^{(22)}m_{002}^{(11)} + 2m_{200}^{(10)}m_{101}^{(21)}m_{020}^{(22)} - 4m_{200}^{(10)}m_{101}^{(21)}m_{011}^{(21)} + 2m_{200}^{(10)}m_{101}^{(21)}m_{002}^{(11)} \\
& +2m_{200}^{(10)}m_{020}^{(22)}m_{011}^{(20)} - 2m_{200}^{(10)}m_{020}^{(22)}m_{002}^{(10)} - 4m_{200}^{(10)}m_{011}^{(20)}m_{011}^{(21)} + 2m_{200}^{(10)}m_{011}^{(20)}m_{002}^{(11)} \\
& +4m_{200}^{(10)}m_{011}^{(21)}m_{002}^{(10)} - 2m_{200}^{(10)}m_{002}^{(10)}m_{002}^{(11)} + (m_{200}^{(11)})^2m_{002}^{(22)} - 2m_{200}^{(11)}m_{200}^{(21)}m_{011}^{(22)} \\
& -2m_{200}^{(11)}m_{200}^{(21)}m_{002}^{(21)} + 2m_{200}^{(11)}m_{200}^{(22)}m_{011}^{(21)} - 4m_{200}^{(11)}m_{110}^{(10)}m_{002}^{(22)} + 2m_{200}^{(11)}m_{110}^{(20)}m_{011}^{(22)} \\
& +2m_{200}^{(11)}m_{110}^{(20)}m_{002}^{(21)} + 2m_{200}^{(11)}m_{110}^{(21)}m_{101}^{(22)} + 2m_{200}^{(11)}m_{110}^{(21)}m_{002}^{(20)} + m_{200}^{(11)}(m_{110}^{(22)})^2 \\
& -4m_{200}^{(11)}m_{110}^{(22)}m_{101}^{(21)} - 4m_{200}^{(11)}m_{110}^{(22)}m_{011}^{(20)} + 2m_{200}^{(11)}m_{110}^{(22)}m_{002}^{(10)} + 2m_{200}^{(11)}m_{101}^{(10)}m_{011}^{(22)} \\
& +2m_{200}^{(11)}m_{101}^{(10)}m_{002}^{(21)} - 2m_{200}^{(11)}m_{101}^{(11)}m_{101}^{(22)} - 2m_{200}^{(11)}m_{101}^{(11)}m_{002}^{(20)} + 2m_{200}^{(11)}m_{101}^{(20)}m_{020}^{(22)} \\
& -8m_{200}^{(11)}m_{101}^{(20)}m_{011}^{(21)} + 2m_{200}^{(11)}m_{101}^{(20)}m_{002}^{(11)} + 3m_{200}^{(11)}(m_{101}^{(21)})^2 + 6m_{200}^{(11)}m_{101}^{(21)}m_{011}^{(20)} \\
& -4m_{200}^{(11)}m_{101}^{(21)}m_{002}^{(10)} - 2m_{200}^{(11)}m_{101}^{(22)}m_{020}^{(20)} + 2m_{200}^{(11)}m_{101}^{(22)}m_{011}^{(10)} + 2m_{200}^{(11)}m_{020}^{(00)}m_{002}^{(22)} \\
& -2m_{200}^{(11)}m_{020}^{(20)}m_{002}^{(20)} - 2m_{200}^{(11)}m_{011}^{(00)}m_{011}^{(22)} - 2m_{200}^{(11)}m_{011}^{(00)}m_{002}^{(21)} + 2m_{200}^{(11)}m_{011}^{(10)}m_{002}^{(20)} \\
& +3m_{200}^{(11)}(m_{011}^{(20)})^2 - 4m_{200}^{(11)}m_{011}^{(20)}m_{002}^{(10)} + 2m_{200}^{(11)}m_{011}^{(21)}m_{002}^{(00)} + m_{200}^{(11)}(m_{002}^{(10)})^2 \\
& +2m_{200}^{(20)}m_{110}^{(21)}m_{020}^{(22)} - 4m_{200}^{(20)}m_{110}^{(21)}m_{011}^{(21)} + 2m_{200}^{(20)}m_{110}^{(21)}m_{002}^{(11)} - 2m_{200}^{(20)}m_{101}^{(11)}m_{020}^{(22)} \\
& +4m_{200}^{(20)}m_{101}^{(11)}m_{011}^{(21)} - 2m_{200}^{(20)}m_{101}^{(11)}m_{002}^{(11)} - 2m_{200}^{(20)}m_{020}^{(20)}m_{002}^{(22)} + 4m_{200}^{(20)}m_{020}^{(20)}m_{011}^{(21)} \\
& -2m_{200}^{(20)}m_{020}^{(20)}m_{002}^{(11)} + 2m_{200}^{(20)}m_{020}^{(22)}m_{011}^{(10)} - 4m_{200}^{(20)}m_{011}^{(10)}m_{011}^{(21)} + 2m_{200}^{(20)}m_{011}^{(10)}m_{002}^{(11)} \\
& +(m_{200}^{(21)})^2m_{020}^{(22)} + 2(m_{200}^{(21)})^2m_{011}^{(21)} + (m_{200}^{(21)})^2m_{002}^{(11)} - 2m_{200}^{(21)}m_{200}^{(22)}m_{020}^{(21)} \\
& -2m_{200}^{(21)}m_{200}^{(22)}m_{011}^{(11)} + 4m_{200}^{(21)}m_{110}^{(10)}m_{011}^{(22)} + 4m_{200}^{(21)}m_{110}^{(10)}m_{002}^{(21)} - 4m_{200}^{(21)}m_{110}^{(20)}m_{020}^{(22)} \\
& -4m_{200}^{(21)}m_{110}^{(20)}m_{002}^{(11)} - 2m_{200}^{(21)}m_{110}^{(21)}m_{110}^{(22)} - 2m_{200}^{(21)}m_{110}^{(21)}m_{101}^{(21)} - 2m_{200}^{(21)}m_{110}^{(21)}m_{011}^{(20)} \\
& -2m_{200}^{(21)}m_{110}^{(21)}m_{002}^{(10)} + 6m_{200}^{(21)}m_{110}^{(22)}m_{101}^{(11)} + 6m_{200}^{(21)}m_{110}^{(22)}m_{020}^{(20)} - 2m_{200}^{(21)}m_{110}^{(22)}m_{011}^{(10)} \\
& -4m_{200}^{(21)}m_{101}^{(10)}m_{020}^{(22)} - 4m_{200}^{(21)}m_{101}^{(10)}m_{002}^{(11)} - 2m_{200}^{(21)}m_{101}^{(11)}m_{101}^{(21)} - 2m_{200}^{(21)}m_{101}^{(11)}m_{011}^{(20)} \\
& +6m_{200}^{(21)}m_{101}^{(11)}m_{002}^{(10)} + 4m_{200}^{(21)}m_{101}^{(20)}m_{020}^{(21)} + 4m_{200}^{(21)}m_{101}^{(20)}m_{011}^{(11)} - 2m_{200}^{(21)}m_{101}^{(21)}m_{020}^{(20)} \\
& -2m_{200}^{(21)}m_{101}^{(21)}m_{011}^{(10)} - 2m_{200}^{(21)}m_{020}^{(00)}m_{011}^{(22)} - 2m_{200}^{(21)}m_{020}^{(00)}m_{002}^{(21)} - 2m_{200}^{(21)}m_{020}^{(20)}m_{011}^{(20)} \\
& +6m_{200}^{(21)}m_{020}^{(20)}m_{002}^{(10)} - 2m_{200}^{(21)}m_{020}^{(21)}m_{002}^{(00)} + 2m_{200}^{(21)}m_{020}^{(22)}m_{011}^{(00)} + 4m_{200}^{(21)}m_{011}^{(00)}m_{011}^{(21)} \\
& +2m_{200}^{(21)}m_{011}^{(00)}m_{002}^{(11)} - 2m_{200}^{(21)}m_{011}^{(10)}m_{011}^{(20)} - 2m_{200}^{(21)}m_{011}^{(10)}m_{002}^{(10)} - 2m_{200}^{(21)}m_{011}^{(11)}m_{002}^{(00)} \\
& +(m_{200}^{(22)})^2m_{020}^{(11)} + 2m_{200}^{(22)}m_{110}^{(10)}m_{020}^{(22)} - 8m_{200}^{(22)}m_{110}^{(10)}m_{011}^{(21)} + 2m_{200}^{(22)}m_{110}^{(10)}m_{002}^{(11)} \\
& -2m_{200}^{(22)}m_{110}^{(11)}m_{110}^{(22)} + 2m_{200}^{(22)}m_{110}^{(11)}m_{101}^{(21)} + 2m_{200}^{(22)}m_{110}^{(11)}m_{011}^{(20)} - 2m_{200}^{(22)}m_{110}^{(11)}m_{002}^{(10)} \\
& +2m_{200}^{(22)}m_{110}^{(20)}m_{020}^{(21)} + 2m_{200}^{(22)}m_{110}^{(20)}m_{011}^{(11)} + 3m_{200}^{(22)}(m_{110}^{(21)})^2 - 4m_{200}^{(22)}m_{110}^{(21)}m_{101}^{(11)} \\
& -4m_{200}^{(22)}m_{110}^{(21)}m_{020}^{(20)} + 6m_{200}^{(22)}m_{110}^{(21)}m_{011}^{(10)} - 2m_{200}^{(22)}m_{110}^{(22)}m_{020}^{(10)} + 2m_{200}^{(22)}m_{101}^{(10)}m_{020}^{(21)} \\
& +2m_{200}^{(22)}m_{101}^{(10)}m_{011}^{(11)} + m_{200}^{(22)}(m_{101}^{(11)})^2 + 2m_{200}^{(22)}m_{101}^{(11)}m_{020}^{(20)} - 4m_{200}^{(22)}m_{101}^{(11)}m_{011}^{(10)} \\
& -4m_{200}^{(22)}m_{101}^{(20)}m_{020}^{(11)} + 2m_{200}^{(22)}m_{101}^{(21)}m_{020}^{(10)} + 2m_{200}^{(22)}m_{020}^{(00)}m_{011}^{(21)} + 2m_{200}^{(22)}m_{020}^{(10)}m_{020}^{(20)} \\
& -2m_{200}^{(22)}m_{020}^{(10)}m_{002}^{(10)} + 2m_{200}^{(22)}m_{020}^{(11)}m_{002}^{(00)} + m_{200}^{(22)}(m_{020}^{(20)})^2 - 4m_{200}^{(22)}m_{020}^{(20)}m_{011}^{(10)} \\
& -2m_{200}^{(22)}m_{020}^{(21)}m_{011}^{(00)} - 2m_{200}^{(22)}m_{011}^{(00)}m_{011}^{(11)} + 3m_{200}^{(22)}(m_{011}^{(10)})^2 - 2m_{110}^{(00)}m_{110}^{(22)}m_{020}^{(22)} \\
& +4m_{110}^{(00)}m_{110}^{(22)}m_{011}^{(21)} - 2m_{110}^{(00)}m_{110}^{(22)}m_{002}^{(11)} + 2m_{110}^{(00)}m_{101}^{(21)}m_{020}^{(22)} - 4m_{110}^{(00)}m_{101}^{(21)}m_{011}^{(21)} \\
& +2m_{110}^{(00)}m_{101}^{(21)}m_{002}^{(11)} + 2m_{110}^{(00)}m_{020}^{(22)}m_{011}^{(20)} - 2m_{110}^{(00)}m_{020}^{(22)}m_{002}^{(10)} - 4m_{110}^{(00)}m_{011}^{(20)}m_{011}^{(21)} \\
& +2m_{110}^{(00)}m_{011}^{(20)}m_{002}^{(11)} + 4m_{110}^{(00)}m_{011}^{(21)}m_{002}^{(10)} - 2m_{110}^{(00)}m_{002}^{(10)}m_{002}^{(11)} + 4(m_{110}^{(10)})^2m_{002}^{(22)} \\
& -4m_{110}^{(10)}m_{110}^{(20)}m_{011}^{(22)} - 4m_{110}^{(10)}m_{110}^{(20)}m_{002}^{(21)} - 4m_{110}^{(10)}m_{110}^{(21)}m_{101}^{(22)} - 4m_{110}^{(10)}m_{110}^{(21)}m_{002}^{(20)} \\
& +2m_{110}^{(10)}(m_{110}^{(22)})^2 + 4m_{110}^{(10)}m_{110}^{(22)}m_{002}^{(10)} - 4m_{110}^{(10)}m_{101}^{(10)}m_{011}^{(22)} - 4m_{110}^{(10)}m_{101}^{(10)}m_{002}^{(21)}
\end{aligned}
$$

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\begin{aligned}
&+4m_{110}^{(10)}m_{101}^{(11)}m_{101}^{(22)} + 4m_{110}^{(10)}m_{101}^{(11)}m_{002}^{(20)} - 8m_{110}^{(10)}m_{101}^{(20)}m_{020}^{(22)} + 24m_{110}^{(10)}m_{101}^{(20)}m_{011}^{(21)}\\
&-8m_{110}^{(10)}m_{101}^{(20)}m_{002}^{(11)} - 2m_{110}^{(10)}(m_{101}^{(21)})^2 - 4m_{110}^{(10)}m_{101}^{(21)}m_{011}^{(20)} + 4m_{110}^{(10)}m_{101}^{(22)}m_{020}^{(20)}\\
&-4m_{110}^{(10)}m_{101}^{(22)}m_{011}^{(10)} - 4m_{110}^{(10)}m_{020}^{(00)}m_{002}^{(22)} + 4m_{110}^{(10)}m_{020}^{(20)}m_{002}^{(20)} + 2m_{110}^{(10)}m_{020}^{(22)}m_{002}^{(00)}\\
&+4m_{110}^{(10)}m_{011}^{(00)}m_{011}^{(22)} + 4m_{110}^{(10)}m_{011}^{(00)}m_{002}^{(21)} - 4m_{110}^{(10)}m_{011}^{(10)}m_{002}^{(20)} - 2m_{110}^{(10)}(m_{011}^{(20)})^2\\
&-8m_{110}^{(10)}m_{011}^{(21)}m_{002}^{(00)} + 2m_{110}^{(10)}m_{002}^{(00)}m_{002}^{(11)} + 2m_{110}^{(10)}(m_{002}^{(10)})^2 + 4m_{110}^{(11)}m_{110}^{(22)}m_{101}^{(20)}\\
&-2m_{110}^{(11)}m_{110}^{(22)}m_{002}^{(00)} - 4m_{110}^{(11)}m_{101}^{(20)}m_{101}^{(21)} - 4m_{110}^{(11)}m_{101}^{(20)}m_{011}^{(20)} + 4m_{110}^{(11)}m_{101}^{(20)}m_{002}^{(10)}\\
&+2m_{110}^{(11)}m_{101}^{(21)}m_{002}^{(00)} + 2m_{110}^{(11)}m_{011}^{(20)}m_{002}^{(00)} - 2m_{110}^{(11)}m_{002}^{(00)}m_{002}^{(10)} + 3(m_{110}^{(20)})^2m_{020}^{(22)}\\
&-2(m_{110}^{(20)})^2m_{011}^{(21)} + 3(m_{110}^{(20)})^2m_{002}^{(11)} - 2m_{110}^{(20)}m_{110}^{(21)}m_{110}^{(22)} + 6m_{110}^{(20)}m_{110}^{(21)}m_{101}^{(21)}\\
&+6m_{110}^{(20)}m_{110}^{(21)}m_{011}^{(20)} - 2m_{110}^{(20)}m_{110}^{(21)}m_{002}^{(10)} - 2m_{110}^{(20)}m_{110}^{(22)}m_{101}^{(11)} - 2m_{110}^{(20)}m_{110}^{(22)}m_{020}^{(20)}\\
&-2m_{110}^{(20)}m_{110}^{(22)}m_{011}^{(10)} + 6m_{110}^{(20)}m_{101}^{(10)}m_{020}^{(22)} - 4m_{110}^{(20)}m_{101}^{(10)}m_{011}^{(21)} + 6m_{110}^{(20)}m_{101}^{(10)}m_{002}^{(11)}\\
&-2m_{110}^{(20)}m_{101}^{(11)}m_{101}^{(21)} - 2m_{110}^{(20)}m_{101}^{(11)}m_{011}^{(20)} - 2m_{110}^{(20)}m_{101}^{(20)}m_{002}^{(10)} - 4m_{110}^{(20)}m_{101}^{(20)}m_{020}^{(21)}\\
&-4m_{110}^{(20)}m_{101}^{(20)}m_{011}^{(11)} - 2m_{110}^{(20)}m_{101}^{(21)}m_{020}^{(20)} + 6m_{110}^{(20)}m_{101}^{(21)}m_{011}^{(10)} + 2m_{110}^{(20)}m_{020}^{(00)}m_{020}^{(22)}\\
&+2m_{110}^{(20)}m_{020}^{(00)}m_{002}^{(21)} - 2m_{110}^{(20)}m_{020}^{(20)}m_{011}^{(20)} - 2m_{110}^{(20)}m_{020}^{(20)}m_{002}^{(10)} + 2m_{110}^{(20)}m_{020}^{(21)}m_{002}^{(00)}\\
&-4m_{110}^{(20)}m_{020}^{(22)}m_{011}^{(00)} - 4m_{110}^{(20)}m_{011}^{(00)}m_{002}^{(11)} + 6m_{110}^{(20)}m_{011}^{(10)}m_{011}^{(20)} - 2m_{110}^{(20)}m_{011}^{(10)}m_{002}^{(10)}\\
&+2m_{110}^{(20)}m_{011}^{(11)}m_{002}^{(00)} - 2(m_{110}^{(21)})^2m_{101}^{(20)} + 3(m_{110}^{(21)})^2m_{002}^{(00)} - 2m_{110}^{(21)}m_{110}^{(22)}m_{101}^{(10)}\\
&-2m_{110}^{(21)}m_{110}^{(22)}m_{011}^{(00)} + 2m_{110}^{(21)}m_{101}^{(00)}m_{020}^{(22)} - 4m_{110}^{(21)}m_{101}^{(00)}m_{011}^{(21)} + 2m_{110}^{(21)}m_{101}^{(00)}m_{002}^{(11)}\\
&+6m_{110}^{(21)}m_{101}^{(10)}m_{101}^{(21)} + 6m_{110}^{(21)}m_{101}^{(10)}m_{011}^{(20)} - 2m_{110}^{(21)}m_{101}^{(10)}m_{002}^{(10)} - 4m_{110}^{(21)}m_{101}^{(11)}m_{002}^{(00)}\\
&-4m_{110}^{(21)}m_{101}^{(20)}m_{011}^{(10)} - 2m_{110}^{(21)}m_{101}^{(21)}m_{011}^{(00)} + 2m_{110}^{(21)}m_{101}^{(22)}m_{020}^{(00)} + 2m_{110}^{(21)}m_{020}^{(00)}m_{002}^{(20)}\\
&-4m_{110}^{(21)}m_{020}^{(20)}m_{002}^{(00)} - 2m_{110}^{(21)}m_{011}^{(00)}m_{011}^{(20)} - 2m_{110}^{(21)}m_{011}^{(00)}m_{002}^{(10)} + 6m_{110}^{(21)}m_{011}^{(10)}m_{002}^{(00)}\\
&+(m_{110}^{(22)})^2m_{020}^{(00)} - 2m_{110}^{(22)}m_{101}^{(10)}m_{101}^{(11)} - 2m_{110}^{(22)}m_{101}^{(10)}m_{020}^{(20)} - 2m_{110}^{(22)}m_{101}^{(10)}m_{011}^{(10)}\\
&+6m_{110}^{(22)}m_{101}^{(11)}m_{011}^{(00)} + 4m_{110}^{(22)}m_{101}^{(20)}m_{020}^{(10)} - 4m_{110}^{(22)}m_{101}^{(21)}m_{020}^{(00)} - 4m_{110}^{(22)}m_{101}^{(00)}m_{020}^{(20)}\\
&+2m_{110}^{(22)}m_{020}^{(00)}m_{002}^{(10)} - 2m_{110}^{(22)}m_{020}^{(10)}m_{002}^{(00)} + 6m_{110}^{(22)}m_{020}^{(20)}m_{011}^{(00)} - 2m_{110}^{(22)}m_{011}^{(00)}m_{011}^{(10)}\\
&-2m_{101}^{(00)}m_{101}^{(11)}m_{020}^{(22)} + 4m_{101}^{(00)}m_{101}^{(11)}m_{011}^{(21)} - 2m_{101}^{(00)}m_{101}^{(11)}m_{002}^{(11)} - 2m_{101}^{(00)}m_{020}^{(20)}m_{020}^{(22)}\\
&+4m_{101}^{(00)}m_{020}^{(20)}m_{011}^{(21)} - 2m_{101}^{(00)}m_{020}^{(20)}m_{002}^{(11)} + 2m_{101}^{(00)}m_{020}^{(22)}m_{011}^{(10)} - 4m_{101}^{(00)}m_{011}^{(10)}m_{011}^{(21)}\\
&+2m_{101}^{(00)}m_{011}^{(10)}m_{002}^{(11)} + 3(m_{101}^{(10)})^2m_{020}^{(22)} - 2(m_{101}^{(10)})^2m_{011}^{(21)} + 3(m_{101}^{(10)})^2m_{002}^{(11)}\\
&-2m_{101}^{(10)}m_{101}^{(11)}m_{101}^{(21)} - 2m_{101}^{(10)}m_{101}^{(11)}m_{011}^{(20)} - 2m_{101}^{(10)}m_{101}^{(11)}m_{002}^{(10)} - 4m_{101}^{(10)}m_{101}^{(20)}m_{101}^{(21)}\\
&-4m_{101}^{(10)}m_{101}^{(20)}m_{011}^{(11)} - 2m_{101}^{(10)}m_{101}^{(21)}m_{020}^{(20)} + 6m_{101}^{(10)}m_{101}^{(21)}m_{011}^{(10)} + 2m_{101}^{(10)}m_{020}^{(00)}m_{011}^{(22)}\\
&+2m_{101}^{(10)}m_{020}^{(00)}m_{002}^{(21)} - 2m_{101}^{(10)}m_{020}^{(20)}m_{011}^{(20)} - 2m_{101}^{(10)}m_{020}^{(20)}m_{002}^{(10)} + 2m_{101}^{(10)}m_{020}^{(21)}m_{002}^{(00)}\\
&-4m_{101}^{(10)}m_{020}^{(22)}m_{011}^{(00)} - 4m_{101}^{(10)}m_{011}^{(00)}m_{002}^{(11)} + 6m_{101}^{(10)}m_{011}^{(10)}m_{011}^{(20)} - 2m_{101}^{(10)}m_{011}^{(10)}m_{002}^{(10)}\\
&+2m_{101}^{(10)}m_{011}^{(11)}m_{002}^{(00)} + 2(m_{101}^{(11)})^2m_{101}^{(20)} + (m_{101}^{(11)})^2m_{002}^{(00)} + 4m_{101}^{(11)}m_{101}^{(20)}m_{020}^{(20)}\\
&-2m_{101}^{(11)}m_{101}^{(21)}m_{011}^{(00)} - 2m_{101}^{(11)}m_{101}^{(22)}m_{020}^{(00)} - 2m_{101}^{(11)}m_{020}^{(00)}m_{002}^{(20)} + 2m_{101}^{(11)}m_{020}^{(20)}m_{002}^{(00)}\\
&-2m_{101}^{(11)}m_{011}^{(00)}m_{011}^{(20)} + 6m_{101}^{(11)}m_{011}^{(00)}m_{002}^{(10)} - 4m_{101}^{(11)}m_{011}^{(10)}m_{002}^{(00)} + 4(m_{101}^{(20)})^2m_{020}^{(11)}\\
&-4m_{101}^{(20)}m_{101}^{(21)}m_{020}^{(10)} + 2m_{101}^{(20)}m_{020}^{(00)}m_{020}^{(22)} - 8m_{101}^{(20)}m_{020}^{(00)}m_{011}^{(21)} + 2m_{101}^{(20)}m_{020}^{(00)}m_{002}^{(11)}\\
&-4m_{101}^{(20)}m_{020}^{(10)}m_{011}^{(20)} + 4m_{101}^{(20)}m_{020}^{(10)}m_{002}^{(10)} - 4m_{101}^{(20)}m_{020}^{(11)}m_{002}^{(00)} + 2m_{101}^{(20)}(m_{020}^{(20)})^2\\
&+4m_{101}^{(20)}m_{020}^{(21)}m_{011}^{(00)} + 4m_{101}^{(20)}m_{011}^{(00)}m_{011}^{(11)} - 2m_{101}^{(20)}(m_{011}^{(10)})^2 + 3(m_{101}^{(21)})^2m_{020}^{(00)}\\
&+6m_{101}^{(21)}m_{020}^{(00)}m_{011}^{(20)} - 4m_{101}^{(21)}m_{020}^{(00)}m_{002}^{(10)} + 2m_{101}^{(21)}m_{020}^{(10)}m_{002}^{(00)} - 2m_{101}^{(21)}m_{020}^{(20)}m_{011}^{(00)}\\
&-2m_{101}^{(21)}m_{011}^{(00)}m_{011}^{(10)} - 2m_{101}^{(22)}m_{020}^{(00)}m_{020}^{(20)} + 2m_{101}^{(22)}m_{020}^{(00)}m_{011}^{(10)} + (m_{020}^{(00)})^2m_{002}^{(22)}\\
&-2m_{020}^{(00)}m_{020}^{(20)}m_{002}^{(20)} - 2m_{020}^{(00)}m_{011}^{(00)}m_{011}^{(22)} - 2m_{020}^{(00)}m_{011}^{(00)}m_{002}^{(21)} + 2m_{020}^{(00)}m_{011}^{(10)}m_{002}^{(20)}
\end{aligned}
$$

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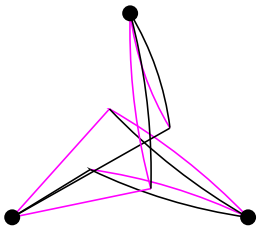
\begin{aligned}
&+3m_{020}^{(00)}(m_{011}^{(20)})^2 - 4m_{020}^{(00)}m_{011}^{(20)}m_{002}^{(10)} + 2m_{020}^{(00)}m_{011}^{(21)}m_{002}^{(00)} + m_{020}^{(00)}(m_{002}^{(10)})^2 \\
&+2m_{020}^{(10)}m_{011}^{(20)}m_{002}^{(00)} - 2m_{020}^{(10)}m_{002}^{(00)}m_{002}^{(10)} + m_{020}^{(11)}(m_{002}^{(00)})^2 + (m_{020}^{(20)})^2m_{002}^{(00)} \\
&-2m_{020}^{(20)}m_{011}^{(00)}m_{011}^{(20)} + 6m_{020}^{(20)}m_{011}^{(00)}m_{002}^{(10)} - 4m_{020}^{(20)}m_{011}^{(10)}m_{002}^{(00)} - 2m_{020}^{(21)}m_{011}^{(00)}m_{002}^{(00)} \\
&+m_{020}^{(22)}(m_{011}^{(00)})^2 + 2(m_{011}^{(00)})^2m_{011}^{(21)} + (m_{011}^{(00)})^2m_{002}^{(11)} - 2m_{011}^{(00)}m_{011}^{(10)}m_{011}^{(20)} \\
&-2m_{011}^{(00)}m_{011}^{(10)}m_{002}^{(10)} - 2m_{011}^{(00)}m_{011}^{(11)}m_{002}^{(00)} + 3(m_{011}^{(10)})^2m_{002}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & 1 & V1 & 1 \\
V2 & V2 & V3 & V3 \\
2 & 2 & 3 & 3
\end{array}
$$



$$
\begin{aligned}
T_{41} \;=\;& m_{200}^{(10)}m_{110}^{(21)}m_{011}^{(22)} - m_{200}^{(10)}m_{110}^{(21)}m_{002}^{(21)} - m_{200}^{(10)}m_{110}^{(22)}m_{011}^{(21)} + m_{200}^{(10)}m_{110}^{(22)}m_{002}^{(11)} \\
&-m_{200}^{(10)}m_{101}^{(11)}m_{011}^{(22)} + m_{200}^{(10)}m_{101}^{(11)}m_{002}^{(21)} + m_{200}^{(10)}m_{101}^{(21)}m_{011}^{(21)} - m_{200}^{(10)}m_{101}^{(21)}m_{002}^{(11)} \\
&-m_{200}^{(10)}m_{020}^{(20)}m_{011}^{(22)} + m_{200}^{(10)}m_{020}^{(20)}m_{002}^{(21)} + m_{200}^{(10)}m_{020}^{(22)}m_{011}^{(20)} - m_{200}^{(10)}m_{020}^{(22)}m_{002}^{(10)} \\
&+m_{200}^{(10)}m_{011}^{(10)}m_{011}^{(22)} - m_{200}^{(10)}m_{011}^{(10)}m_{002}^{(21)} - m_{200}^{(10)}m_{011}^{(20)}m_{011}^{(21)} + m_{200}^{(10)}m_{011}^{(21)}m_{002}^{(10)} \\
&-m_{200}^{(11)}m_{200}^{(22)}m_{020}^{(22)} + 2m_{200}^{(11)}m_{200}^{(22)}m_{011}^{(21)} - m_{200}^{(11)}m_{200}^{(22)}m_{002}^{(11)} - m_{200}^{(11)}m_{110}^{(21)}m_{101}^{(22)} \\
&+m_{200}^{(11)}m_{110}^{(21)}m_{002}^{(20)} + m_{200}^{(11)}(m_{110}^{(22)})^2 - m_{200}^{(11)}m_{110}^{(22)}m_{101}^{(21)} - 2m_{200}^{(11)}m_{110}^{(22)}m_{011}^{(20)} \\
&+m_{200}^{(11)}m_{110}^{(22)}m_{002}^{(10)} + m_{200}^{(11)}m_{101}^{(10)}m_{011}^{(22)} - m_{200}^{(11)}m_{101}^{(10)}m_{002}^{(21)} + m_{200}^{(11)}m_{101}^{(20)}m_{020}^{(22)} \\
&-3m_{200}^{(11)}m_{101}^{(20)}m_{011}^{(21)} + 2m_{200}^{(11)}m_{101}^{(20)}m_{002}^{(11)} + m_{200}^{(11)}(m_{101}^{(21)})^2 - m_{200}^{(11)}m_{101}^{(21)}m_{002}^{(10)} \\
&+m_{200}^{(11)}m_{101}^{(22)}m_{020}^{(20)} - m_{200}^{(11)}m_{020}^{(20)}m_{002}^{(20)} - m_{200}^{(11)}m_{011}^{(00)}m_{011}^{(22)} + m_{200}^{(11)}m_{011}^{(00)}m_{002}^{(21)} \\
&+2m_{200}^{(11)}(m_{011}^{(20)})^2 - 2m_{200}^{(11)}m_{011}^{(20)}m_{002}^{(10)} + m_{200}^{(11)}m_{011}^{(21)}m_{002}^{(00)} - m_{200}^{(11)}m_{002}^{(00)}m_{002}^{(11)} \\
&+m_{200}^{(11)}(m_{002}^{(10)})^2 - m_{200}^{(20)}m_{110}^{(21)}m_{020}^{(22)} + m_{200}^{(20)}m_{110}^{(21)}m_{011}^{(21)} + m_{200}^{(20)}m_{110}^{(22)}m_{020}^{(21)} \\
&-m_{200}^{(20)}m_{110}^{(22)}m_{011}^{(11)} + m_{200}^{(20)}m_{101}^{(11)}m_{020}^{(22)} - m_{200}^{(20)}m_{101}^{(11)}m_{011}^{(21)} - m_{200}^{(20)}m_{101}^{(21)}m_{020}^{(21)} \\
&+m_{200}^{(20)}m_{101}^{(21)}m_{011}^{(11)} + m_{200}^{(20)}m_{020}^{(20)}m_{011}^{(21)} - m_{200}^{(20)}m_{020}^{(20)}m_{002}^{(11)} - m_{200}^{(20)}m_{020}^{(21)}m_{011}^{(20)} \\
&+m_{200}^{(20)}m_{020}^{(21)}m_{002}^{(10)} - m_{200}^{(20)}m_{011}^{(10)}m_{011}^{(21)} + m_{200}^{(20)}m_{011}^{(10)}m_{002}^{(11)} + m_{200}^{(20)}m_{011}^{(11)}m_{011}^{(20)} \\
&-m_{200}^{(20)}m_{011}^{(11)}m_{002}^{(10)} + (m_{200}^{(21)})^2m_{020}^{(22)} - 2(m_{200}^{(21)})^2m_{011}^{(21)} + (m_{200}^{(21)})^2m_{002}^{(11)} \\
&-m_{200}^{(21)}m_{110}^{(10)}m_{011}^{(22)} + m_{200}^{(21)}m_{110}^{(10)}m_{002}^{(21)} + m_{200}^{(21)}m_{110}^{(11)}m_{101}^{(22)} - m_{200}^{(21)}m_{110}^{(11)}m_{002}^{(20)} \\
&-m_{200}^{(21)}m_{110}^{(20)}m_{020}^{(22)} + 3m_{200}^{(21)}m_{110}^{(20)}m_{011}^{(21)} - 2m_{200}^{(21)}m_{110}^{(20)}m_{002}^{(11)} - 2m_{200}^{(21)}m_{110}^{(21)}m_{110}^{(22)} \\
&+2m_{200}^{(21)}m_{110}^{(21)}m_{101}^{(21)} + 2m_{200}^{(21)}m_{110}^{(21)}m_{011}^{(20)} - 2m_{200}^{(21)}m_{110}^{(21)}m_{002}^{(10)} + m_{200}^{(21)}m_{110}^{(22)}m_{101}^{(11)}
\end{aligned}
$$

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\begin{aligned}
&+m_{200}^{(21)}m_{110}^{(22)}m_{020}^{(20)} - 2m_{200}^{(21)}m_{101}^{(10)}m_{020}^{(22)} + 3m_{200}^{(21)}m_{101}^{(10)}m_{011}^{(21)} - m_{200}^{(21)}m_{101}^{(10)}m_{002}^{(11)}\\
&-2m_{200}^{(21)}m_{101}^{(11)}m_{101}^{(21)} + m_{200}^{(21)}m_{101}^{(11)}m_{002}^{(10)} + m_{200}^{(21)}m_{101}^{(20)}m_{020}^{(21)} - m_{200}^{(21)}m_{101}^{(20)}m_{011}^{(11)}\\
&-2m_{200}^{(21)}m_{101}^{(21)}m_{020}^{(20)} + 2m_{200}^{(21)}m_{101}^{(21)}m_{011}^{(10)} - m_{200}^{(21)}m_{101}^{(22)}m_{020}^{(10)} + m_{200}^{(21)}m_{020}^{(00)}m_{011}^{(22)}\\
&-m_{200}^{(21)}m_{020}^{(00)}m_{002}^{(21)} + m_{200}^{(21)}m_{020}^{(10)}m_{002}^{(20)} - 2m_{200}^{(21)}m_{020}^{(20)}m_{011}^{(20)} + 3m_{200}^{(21)}m_{020}^{(20)}m_{002}^{(10)}\\
&-m_{200}^{(21)}m_{020}^{(21)}m_{002}^{(00)} + m_{200}^{(21)}m_{020}^{(22)}m_{011}^{(00)} - 2m_{200}^{(21)}m_{011}^{(00)}m_{011}^{(21)} + m_{200}^{(21)}m_{011}^{(00)}m_{002}^{(11)}\\
&-2m_{200}^{(21)}m_{011}^{(10)}m_{002}^{(10)} + m_{200}^{(21)}m_{011}^{(11)}m_{002}^{(00)} + 2m_{200}^{(22)}m_{110}^{(10)}m_{020}^{(22)} - 3m_{200}^{(22)}m_{110}^{(10)}m_{011}^{(21)}\\
&+m_{200}^{(22)}m_{110}^{(10)}m_{002}^{(11)} - m_{200}^{(22)}m_{110}^{(11)}m_{101}^{(21)} + m_{200}^{(22)}m_{110}^{(11)}m_{002}^{(10)} - m_{200}^{(22)}m_{110}^{(20)}m_{020}^{(21)}\\
&+m_{200}^{(22)}m_{110}^{(20)}m_{011}^{(11)} + m_{200}^{(22)}(m_{110}^{(21)})^2 - m_{200}^{(22)}m_{110}^{(21)}m_{101}^{(11)} - m_{200}^{(22)}m_{110}^{(21)}m_{020}^{(20)}\\
&+m_{200}^{(22)}(m_{101}^{(11)})^2 + m_{200}^{(22)}m_{101}^{(11)}m_{020}^{(20)} - 2m_{200}^{(22)}m_{101}^{(11)}m_{011}^{(10)} + m_{200}^{(22)}m_{101}^{(21)}m_{020}^{(10)}\\
&-m_{200}^{(22)}m_{020}^{(00)}m_{020}^{(22)} + m_{200}^{(22)}m_{020}^{(00)}m_{011}^{(21)} - m_{200}^{(22)}m_{020}^{(10)}m_{002}^{(10)} + m_{200}^{(22)}(m_{020}^{(20)})^2\\
&-2m_{200}^{(22)}m_{020}^{(20)}m_{011}^{(10)} + m_{200}^{(22)}m_{020}^{(21)}m_{011}^{(00)} - m_{200}^{(22)}m_{011}^{(00)}m_{011}^{(11)} + 2m_{200}^{(22)}(m_{011}^{(10)})^2\\
&-m_{110}^{(00)}m_{110}^{(21)}m_{011}^{(22)} + m_{110}^{(00)}m_{110}^{(21)}m_{002}^{(21)} + m_{110}^{(00)}m_{110}^{(22)}m_{011}^{(21)} - m_{110}^{(00)}m_{110}^{(22)}m_{002}^{(11)}\\
&+m_{110}^{(00)}m_{101}^{(11)}m_{011}^{(22)} - m_{110}^{(00)}m_{101}^{(11)}m_{002}^{(21)} - m_{110}^{(00)}m_{101}^{(21)}m_{011}^{(21)} + m_{110}^{(00)}m_{101}^{(21)}m_{002}^{(11)}\\
&+m_{110}^{(00)}m_{020}^{(20)}m_{011}^{(22)} - m_{110}^{(00)}m_{020}^{(20)}m_{002}^{(21)} - m_{110}^{(00)}m_{020}^{(22)}m_{011}^{(20)} + m_{110}^{(00)}m_{020}^{(22)}m_{002}^{(10)}\\
&-m_{110}^{(00)}m_{011}^{(10)}m_{011}^{(22)} + m_{110}^{(00)}m_{011}^{(10)}m_{002}^{(21)} + m_{110}^{(00)}m_{011}^{(20)}m_{011}^{(21)} - m_{110}^{(00)}m_{011}^{(21)}m_{002}^{(10)}\\
&+m_{110}^{(10)}m_{110}^{(20)}m_{011}^{(22)} - m_{110}^{(10)}m_{110}^{(20)}m_{002}^{(21)} + m_{110}^{(10)}m_{110}^{(21)}m_{101}^{(22)} - m_{110}^{(10)}m_{110}^{(21)}m_{002}^{(20)}\\
&-2m_{110}^{(10)}(m_{110}^{(22)})^2 + 3m_{110}^{(10)}m_{110}^{(22)}m_{101}^{(21)} + 3m_{110}^{(10)}m_{110}^{(22)}m_{011}^{(20)} - 2m_{110}^{(10)}m_{110}^{(22)}m_{002}^{(10)}\\
&-m_{110}^{(10)}m_{101}^{(10)}m_{011}^{(22)} + m_{110}^{(10)}m_{101}^{(10)}m_{002}^{(21)} + m_{110}^{(10)}m_{101}^{(11)}m_{101}^{(22)} - m_{110}^{(10)}m_{101}^{(11)}m_{002}^{(20)}\\
&-3m_{110}^{(10)}m_{101}^{(20)}m_{020}^{(22)} + 6m_{110}^{(10)}m_{101}^{(20)}m_{011}^{(21)} - 3m_{110}^{(10)}m_{101}^{(20)}m_{002}^{(11)} - 3m_{110}^{(10)}(m_{101}^{(21)})^2\\
&+3m_{110}^{(10)}m_{101}^{(21)}m_{002}^{(10)} - m_{110}^{(10)}m_{101}^{(22)}m_{020}^{(20)} - m_{110}^{(10)}m_{101}^{(22)}m_{011}^{(10)} + m_{110}^{(10)}m_{020}^{(20)}m_{002}^{(20)}\\
&+m_{110}^{(10)}m_{020}^{(22)}m_{002}^{(00)} + m_{110}^{(10)}m_{011}^{(00)}m_{011}^{(22)} - m_{110}^{(10)}m_{011}^{(00)}m_{002}^{(21)} + m_{110}^{(10)}m_{011}^{(10)}m_{002}^{(20)}\\
&-3m_{110}^{(10)}(m_{011}^{(20)})^2 + 3m_{110}^{(10)}m_{011}^{(20)}m_{002}^{(10)} - 3m_{110}^{(10)}m_{011}^{(21)}m_{002}^{(00)} + 2m_{110}^{(10)}m_{002}^{(00)}m_{002}^{(11)}\\
&-2m_{110}^{(10)}(m_{002}^{(10)})^2 - m_{110}^{(11)}m_{110}^{(20)}m_{101}^{(22)} + m_{110}^{(11)}m_{110}^{(20)}m_{002}^{(20)} + m_{110}^{(11)}m_{110}^{(22)}m_{101}^{(20)}\\
&-m_{110}^{(11)}m_{110}^{(22)}m_{002}^{(00)} - m_{110}^{(11)}m_{101}^{(10)}m_{101}^{(22)} + m_{110}^{(11)}m_{101}^{(10)}m_{002}^{(20)} + m_{110}^{(11)}m_{101}^{(20)}m_{101}^{(21)}\\
&-m_{110}^{(11)}m_{101}^{(20)}m_{011}^{(20)} - m_{110}^{(11)}m_{101}^{(20)}m_{002}^{(10)} + m_{110}^{(11)}m_{101}^{(22)}m_{011}^{(00)} - m_{110}^{(11)}m_{011}^{(00)}m_{002}^{(20)}\\
&+m_{110}^{(11)}m_{011}^{(20)}m_{002}^{(00)} + (m_{110}^{(20)})^2m_{020}^{(22)} - 3(m_{110}^{(20)})^2m_{011}^{(21)} + 2(m_{110}^{(20)})^2m_{002}^{(11)}\\
&+2m_{110}^{(20)}m_{110}^{(21)}m_{110}^{(22)} - m_{110}^{(20)}m_{110}^{(21)}m_{101}^{(21)} - m_{110}^{(20)}m_{110}^{(21)}m_{011}^{(20)} - 2m_{110}^{(20)}m_{110}^{(22)}m_{101}^{(11)}\\
&-2m_{110}^{(20)}m_{110}^{(22)}m_{020}^{(20)} + 2m_{110}^{(20)}m_{110}^{(22)}m_{011}^{(10)} + 2m_{110}^{(20)}m_{101}^{(11)}m_{101}^{(21)} + m_{110}^{(20)}m_{101}^{(20)}m_{020}^{(21)}\\
&-m_{110}^{(20)}m_{101}^{(20)}m_{011}^{(11)} + 2m_{110}^{(20)}m_{101}^{(21)}m_{020}^{(20)} - 3m_{110}^{(20)}m_{101}^{(21)}m_{011}^{(10)} + m_{110}^{(20)}m_{101}^{(22)}m_{020}^{(10)}\\
&-m_{110}^{(20)}m_{020}^{(00)}m_{011}^{(22)} + m_{110}^{(20)}m_{020}^{(00)}m_{002}^{(21)} - m_{110}^{(20)}m_{020}^{(10)}m_{002}^{(20)} + 2m_{110}^{(20)}m_{020}^{(20)}m_{011}^{(20)}\\
&-2m_{110}^{(20)}m_{020}^{(20)}m_{002}^{(10)} - m_{110}^{(20)}m_{020}^{(22)}m_{011}^{(00)} + 3m_{110}^{(20)}m_{011}^{(00)}m_{011}^{(21)} - 2m_{110}^{(20)}m_{011}^{(00)}m_{002}^{(11)}\\
&-m_{110}^{(20)}m_{011}^{(10)}m_{011}^{(20)} + 2m_{110}^{(20)}m_{011}^{(10)}m_{002}^{(10)} - 3(m_{110}^{(21)})^2m_{101}^{(20)} + 2(m_{110}^{(21)})^2m_{002}^{(00)}\\
&+2m_{110}^{(21)}m_{110}^{(22)}m_{101}^{(10)} - 2m_{110}^{(21)}m_{110}^{(22)}m_{011}^{(00)} + m_{110}^{(21)}m_{101}^{(00)}m_{020}^{(22)} - m_{110}^{(21)}m_{101}^{(00)}m_{011}^{(21)}\\
&-m_{110}^{(21)}m_{101}^{(10)}m_{101}^{(21)} - 3m_{110}^{(21)}m_{101}^{(10)}m_{011}^{(20)} + 2m_{110}^{(21)}m_{101}^{(10)}m_{002}^{(10)} + 3m_{110}^{(21)}m_{101}^{(11)}m_{101}^{(20)}\\
&-2m_{110}^{(21)}m_{101}^{(11)}m_{002}^{(00)} + 3m_{110}^{(21)}m_{101}^{(20)}m_{020}^{(20)} - 2m_{110}^{(21)}m_{020}^{(20)}m_{002}^{(00)} + 2m_{110}^{(21)}m_{011}^{(00)}m_{011}^{(20)}\\
&+(m_{110}^{(22)})^2m_{020}^{(00)} - m_{110}^{(22)}m_{101}^{(00)}m_{020}^{(21)} + m_{110}^{(22)}m_{101}^{(00)}m_{011}^{(11)} - 2m_{110}^{(22)}m_{101}^{(10)}m_{101}^{(11)}\\
&+3m_{110}^{(22)}m_{101}^{(11)}m_{011}^{(00)} - m_{110}^{(22)}m_{101}^{(20)}m_{020}^{(10)} - 2m_{110}^{(22)}m_{101}^{(21)}m_{020}^{(00)} - m_{110}^{(22)}m_{020}^{(00)}m_{011}^{(20)}\\
&+m_{110}^{(22)}m_{020}^{(00)}m_{002}^{(10)} + m_{110}^{(22)}m_{020}^{(10)}m_{002}^{(00)} + m_{110}^{(22)}m_{020}^{(20)}m_{011}^{(00)} - 2m_{110}^{(22)}m_{011}^{(00)}m_{011}^{(10)}
\end{aligned}
$$

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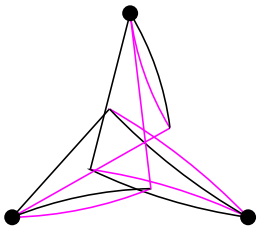
\begin{aligned}
&-m_{101}^{(00)}m_{101}^{(11)}m_{020}^{(22)} + m_{101}^{(00)}m_{101}^{(11)}m_{011}^{(21)} + m_{101}^{(00)}m_{101}^{(21)}m_{020}^{(21)} - m_{101}^{(00)}m_{101}^{(21)}m_{011}^{(11)}\\
&-m_{101}^{(00)}m_{020}^{(20)}m_{011}^{(21)} + m_{101}^{(00)}m_{020}^{(20)}m_{002}^{(11)} + m_{101}^{(00)}m_{020}^{(21)}m_{011}^{(20)} - m_{101}^{(00)}m_{020}^{(21)}m_{002}^{(10)}\\
&+m_{101}^{(00)}m_{011}^{(10)}m_{011}^{(21)} - m_{101}^{(00)}m_{011}^{(10)}m_{002}^{(11)} - m_{101}^{(00)}m_{011}^{(11)}m_{011}^{(20)} + m_{101}^{(00)}m_{011}^{(11)}m_{002}^{(10)}\\
&+2(m_{101}^{(10)})^2m_{020}^{(22)} - 3(m_{101}^{(10)})^2m_{011}^{(21)} + (m_{101}^{(10)})^2m_{002}^{(11)} + 2m_{101}^{(10)}m_{101}^{(11)}m_{101}^{(21)}\\
&+2m_{101}^{(10)}m_{101}^{(11)}m_{011}^{(20)} - 2m_{101}^{(10)}m_{101}^{(11)}m_{002}^{(10)} - m_{101}^{(10)}m_{101}^{(20)}m_{020}^{(21)} + m_{101}^{(10)}m_{101}^{(20)}m_{011}^{(11)}\\
&-m_{101}^{(10)}m_{101}^{(21)}m_{011}^{(10)} + m_{101}^{(10)}m_{101}^{(22)}m_{020}^{(10)} - m_{101}^{(10)}m_{020}^{(10)}m_{002}^{(20)} + 2m_{101}^{(10)}m_{020}^{(20)}m_{011}^{(20)}\\
&-2m_{101}^{(10)}m_{020}^{(20)}m_{002}^{(10)} + m_{101}^{(10)}m_{020}^{(21)}m_{002}^{(00)} - 2m_{101}^{(10)}m_{020}^{(22)}m_{011}^{(00)} + 3m_{101}^{(10)}m_{011}^{(00)}m_{011}^{(21)}\\
&-m_{101}^{(10)}m_{011}^{(00)}m_{002}^{(11)} - m_{101}^{(10)}m_{011}^{(10)}m_{011}^{(20)} + 2m_{101}^{(10)}m_{011}^{(10)}m_{002}^{(10)} - m_{101}^{(10)}m_{011}^{(11)}m_{002}^{(00)}\\
&-2(m_{101}^{(11)})^2m_{101}^{(20)} + (m_{101}^{(11)})^2m_{002}^{(00)} - 2m_{101}^{(11)}m_{101}^{(20)}m_{020}^{(20)} + 3m_{101}^{(11)}m_{101}^{(20)}m_{011}^{(10)}\\
&-2m_{101}^{(11)}m_{101}^{(21)}m_{011}^{(00)} - m_{101}^{(11)}m_{101}^{(22)}m_{020}^{(00)} + m_{101}^{(11)}m_{020}^{(00)}m_{002}^{(20)} + m_{101}^{(11)}m_{020}^{(20)}m_{002}^{(00)}\\
&-2m_{101}^{(11)}m_{011}^{(00)}m_{011}^{(20)} + m_{101}^{(11)}m_{011}^{(00)}m_{002}^{(10)} - m_{101}^{(11)}m_{011}^{(10)}m_{002}^{(00)} - m_{101}^{(20)}m_{101}^{(21)}m_{020}^{(10)}\\
&+2m_{101}^{(20)}m_{020}^{(00)}m_{020}^{(22)} - 3m_{101}^{(20)}m_{020}^{(00)}m_{011}^{(21)} + m_{101}^{(20)}m_{020}^{(00)}m_{002}^{(11)} + m_{101}^{(20)}m_{020}^{(10)}m_{011}^{(20)}\\
&+m_{101}^{(20)}m_{020}^{(10)}m_{002}^{(10)} - 2m_{101}^{(20)}(m_{020}^{(20)})^2 + 3m_{101}^{(20)}m_{020}^{(20)}m_{011}^{(10)} - m_{101}^{(20)}m_{020}^{(21)}m_{011}^{(00)}\\
&+m_{101}^{(20)}m_{011}^{(00)}m_{011}^{(11)} - 3m_{101}^{(20)}(m_{011}^{(10)})^2 + 2(m_{101}^{(21)})^2m_{020}^{(00)} - 2m_{101}^{(21)}m_{020}^{(00)}m_{002}^{(10)}\\
&+2m_{101}^{(21)}m_{011}^{(00)}m_{011}^{(10)} + m_{101}^{(22)}m_{020}^{(00)}m_{011}^{(10)} - m_{101}^{(22)}m_{020}^{(10)}m_{011}^{(00)} - m_{020}^{(00)}m_{020}^{(22)}m_{002}^{(00)}\\
&-m_{020}^{(00)}m_{011}^{(10)}m_{002}^{(20)} + m_{020}^{(00)}(m_{011}^{(20)})^2 - m_{020}^{(00)}m_{011}^{(20)}m_{002}^{(10)} + 2m_{020}^{(00)}m_{011}^{(21)}m_{002}^{(00)}\\
&-m_{020}^{(00)}m_{002}^{(00)}m_{002}^{(11)} + m_{020}^{(00)}(m_{002}^{(10)})^2 + m_{020}^{(10)}m_{011}^{(00)}m_{002}^{(20)} - m_{020}^{(10)}m_{011}^{(20)}m_{002}^{(00)}\\
&+(m_{020}^{(20)})^2m_{002}^{(00)} - 2m_{020}^{(20)}m_{011}^{(00)}m_{011}^{(20)} + m_{020}^{(20)}m_{011}^{(00)}m_{002}^{(10)} - m_{020}^{(20)}m_{011}^{(10)}m_{002}^{(00)}\\
&+m_{020}^{(22)}(m_{011}^{(00)})^2 - 2(m_{011}^{(00)})^2m_{011}^{(21)} + (m_{011}^{(00)})^2m_{002}^{(11)} + 2m_{011}^{(00)}m_{011}^{(10)}m_{011}^{(20)}\\
&-2m_{011}^{(00)}m_{011}^{(10)}m_{002}^{(10)} + (m_{011}^{(10)})^2m_{002}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & V1 & 1 & 2\\
1 & V2 & V3 & V3\\
V2 & 2 & 3 & 3
\end{array}
$$



$$
\begin{aligned}
T_{42} \;=\;& 2m_{200}^{(10)}m_{110}^{(21)}m_{011}^{(22)} - 2m_{200}^{(10)}m_{110}^{(21)}m_{002}^{(21)} - 2m_{200}^{(10)}m_{110}^{(22)}m_{011}^{(21)} + 2m_{200}^{(10)}m_{110}^{(22)}m_{002}^{(11)}\\
&-2m_{200}^{(10)}m_{101}^{(11)}m_{011}^{(22)} + 2m_{200}^{(10)}m_{101}^{(11)}m_{002}^{(21)} + 2m_{200}^{(10)}m_{101}^{(21)}m_{011}^{(21)} - 2m_{200}^{(10)}m_{101}^{(21)}m_{002}^{(11)}\\
&-2m_{200}^{(10)}m_{020}^{(20)}m_{011}^{(22)} + 2m_{200}^{(10)}m_{020}^{(20)}m_{002}^{(21)} + 2m_{200}^{(10)}m_{020}^{(22)}m_{011}^{(20)} - 2m_{200}^{(10)}m_{020}^{(22)}m_{002}^{(10)}
\end{aligned}
$$

$$
\begin{aligned}
&+2m_{200}^{(10)}m_{011}^{(10)}m_{011}^{(22)} - 2m_{200}^{(10)}m_{011}^{(10)}m_{002}^{(21)} - 2m_{200}^{(10)}m_{011}^{(20)}m_{011}^{(21)} + 2m_{200}^{(10)}m_{011}^{(21)}m_{002}^{(10)} \\
&+m_{200}^{(11)}m_{200}^{(22)}m_{020}^{(22)} - 2m_{200}^{(11)}m_{200}^{(22)}m_{011}^{(21)} + m_{200}^{(11)}m_{200}^{(22)}m_{002}^{(11)} - 2m_{200}^{(11)}m_{110}^{(21)}m_{101}^{(22)} \\
&+2m_{200}^{(11)}m_{110}^{(21)}m_{002}^{(20)} - m_{200}^{(11)}(m_{110}^{(22)})^2 + 4m_{200}^{(11)}m_{110}^{(22)}m_{101}^{(21)} + 2m_{200}^{(11)}m_{110}^{(22)}m_{011}^{(20)} \\
&-4m_{200}^{(11)}m_{110}^{(22)}m_{002}^{(10)} + 2m_{200}^{(11)}m_{101}^{(10)}m_{011}^{(22)} - 2m_{200}^{(11)}m_{101}^{(10)}m_{002}^{(21)} - 4m_{200}^{(11)}m_{101}^{(20)}m_{020}^{(22)} \\
&+6m_{200}^{(11)}m_{101}^{(20)}m_{011}^{(21)} - 2m_{200}^{(11)}m_{101}^{(20)}m_{002}^{(11)} - m_{200}^{(11)}(m_{101}^{(21)})^2 - 6m_{200}^{(11)}m_{101}^{(21)}m_{011}^{(20)} \\
&+4m_{200}^{(11)}m_{101}^{(21)}m_{002}^{(10)} + 2m_{200}^{(11)}m_{101}^{(22)}m_{020}^{(20)} - 2m_{200}^{(11)}m_{020}^{(20)}m_{002}^{(20)} + 3m_{200}^{(11)}m_{020}^{(22)}m_{002}^{(00)} \\
&-2m_{200}^{(11)}m_{011}^{(00)}m_{011}^{(22)} + 2m_{200}^{(11)}m_{011}^{(00)}m_{002}^{(21)} + m_{200}^{(11)}(m_{011}^{(20)})^2 + 2m_{200}^{(11)}m_{011}^{(20)}m_{002}^{(10)} \\
&-4m_{200}^{(11)}m_{011}^{(21)}m_{002}^{(00)} + m_{200}^{(11)}m_{002}^{(00)}m_{002}^{(11)} - m_{200}^{(11)}(m_{002}^{(10)})^2 - 2m_{200}^{(20)}m_{110}^{(21)}m_{020}^{(22)} \\
&+2m_{200}^{(20)}m_{110}^{(21)}m_{011}^{(21)} + 2m_{200}^{(20)}m_{110}^{(22)}m_{020}^{(21)} - 2m_{200}^{(20)}m_{110}^{(22)}m_{011}^{(11)} + 2m_{200}^{(20)}m_{101}^{(11)}m_{020}^{(22)} \\
&-2m_{200}^{(20)}m_{101}^{(11)}m_{011}^{(21)} - 2m_{200}^{(20)}m_{101}^{(21)}m_{020}^{(21)} + 2m_{200}^{(20)}m_{101}^{(21)}m_{011}^{(11)} + 2m_{200}^{(20)}m_{020}^{(20)}m_{011}^{(21)} \\
&-2m_{200}^{(20)}m_{020}^{(20)}m_{002}^{(11)} - 2m_{200}^{(20)}m_{020}^{(21)}m_{011}^{(20)} + 2m_{200}^{(20)}m_{020}^{(21)}m_{002}^{(10)} - 2m_{200}^{(20)}m_{011}^{(10)}m_{011}^{(21)} \\
&+2m_{200}^{(20)}m_{011}^{(10)}m_{002}^{(11)} + 2m_{200}^{(20)}m_{011}^{(11)}m_{011}^{(20)} - 2m_{200}^{(20)}m_{011}^{(11)}m_{002}^{(10)} - (m_{200}^{(21)})^2m_{020}^{(22)} \\
&+2(m_{200}^{(21)})^2m_{011}^{(21)} - (m_{200}^{(21)})^2m_{002}^{(11)} - 2m_{200}^{(21)}m_{110}^{(10)}m_{011}^{(22)} + 2m_{200}^{(21)}m_{110}^{(10)}m_{002}^{(21)} \\
&+2m_{200}^{(21)}m_{110}^{(11)}m_{101}^{(22)} - 2m_{200}^{(21)}m_{110}^{(11)}m_{002}^{(20)} + 4m_{200}^{(21)}m_{110}^{(20)}m_{020}^{(22)} - 6m_{200}^{(21)}m_{110}^{(20)}m_{011}^{(21)} \\
&+2m_{200}^{(21)}m_{110}^{(20)}m_{002}^{(11)} + 2m_{200}^{(21)}m_{110}^{(21)}m_{110}^{(22)} - 2m_{200}^{(21)}m_{110}^{(21)}m_{101}^{(21)} - 2m_{200}^{(21)}m_{110}^{(21)}m_{011}^{(20)} \\
&+2m_{200}^{(21)}m_{110}^{(21)}m_{002}^{(10)} - 4m_{200}^{(21)}m_{110}^{(22)}m_{101}^{(11)} - 4m_{200}^{(21)}m_{110}^{(22)}m_{020}^{(20)} + 6m_{200}^{(21)}m_{110}^{(22)}m_{011}^{(10)} \\
&+2m_{200}^{(21)}m_{101}^{(10)}m_{020}^{(22)} - 6m_{200}^{(21)}m_{101}^{(10)}m_{011}^{(21)} + 4m_{200}^{(21)}m_{101}^{(10)}m_{002}^{(11)} + 2m_{200}^{(21)}m_{101}^{(11)}m_{101}^{(21)} \\
&+6m_{200}^{(21)}m_{101}^{(11)}m_{011}^{(20)} - 4m_{200}^{(21)}m_{101}^{(11)}m_{002}^{(10)} + 2m_{200}^{(21)}m_{101}^{(20)}m_{020}^{(21)} - 2m_{200}^{(21)}m_{101}^{(20)}m_{011}^{(11)} \\
&+2m_{200}^{(21)}m_{101}^{(21)}m_{020}^{(20)} - 2m_{200}^{(21)}m_{101}^{(21)}m_{011}^{(10)} - 2m_{200}^{(21)}m_{101}^{(22)}m_{020}^{(10)} + 2m_{200}^{(21)}m_{020}^{(00)}m_{011}^{(22)} \\
&-2m_{200}^{(21)}m_{020}^{(00)}m_{002}^{(21)} + 2m_{200}^{(21)}m_{020}^{(10)}m_{002}^{(20)} + 2m_{200}^{(21)}m_{020}^{(20)}m_{011}^{(20)} - 2m_{200}^{(21)}m_{020}^{(21)}m_{002}^{(00)} \\
&-4m_{200}^{(21)}m_{020}^{(22)}m_{011}^{(00)} + 8m_{200}^{(21)}m_{011}^{(00)}m_{011}^{(21)} - 4m_{200}^{(21)}m_{011}^{(00)}m_{002}^{(11)} - 6m_{200}^{(21)}m_{011}^{(10)}m_{011}^{(20)} \\
&+2m_{200}^{(21)}m_{011}^{(10)}m_{002}^{(10)} + 2m_{200}^{(21)}m_{011}^{(11)}m_{002}^{(00)} - 2m_{200}^{(22)}m_{110}^{(10)}m_{020}^{(22)} + 6m_{200}^{(22)}m_{110}^{(10)}m_{011}^{(21)} \\
&-4m_{200}^{(22)}m_{110}^{(10)}m_{002}^{(11)} - 2m_{200}^{(22)}m_{110}^{(11)}m_{101}^{(21)} + 2m_{200}^{(22)}m_{110}^{(11)}m_{002}^{(10)} - 2m_{200}^{(22)}m_{110}^{(20)}m_{020}^{(21)} \\
&+2m_{200}^{(22)}m_{110}^{(20)}m_{011}^{(11)} - m_{200}^{(22)}(m_{110}^{(21)})^2 + 4m_{200}^{(22)}m_{110}^{(21)}m_{101}^{(11)} + 4m_{200}^{(22)}m_{110}^{(21)}m_{020}^{(20)} \\
&-6m_{200}^{(22)}m_{110}^{(21)}m_{011}^{(10)} - m_{200}^{(22)}(m_{101}^{(11)})^2 - 4m_{200}^{(22)}m_{101}^{(11)}m_{020}^{(20)} + 2m_{200}^{(22)}m_{101}^{(11)}m_{011}^{(10)} \\
&+2m_{200}^{(22)}m_{101}^{(21)}m_{020}^{(10)} + m_{200}^{(22)}m_{020}^{(00)}m_{020}^{(22)} - 4m_{200}^{(22)}m_{020}^{(00)}m_{011}^{(21)} + 3m_{200}^{(22)}m_{020}^{(00)}m_{002}^{(11)} \\
&-2m_{200}^{(22)}m_{020}^{(10)}m_{002}^{(10)} - m_{200}^{(22)}(m_{020}^{(20)})^2 + 2m_{200}^{(22)}m_{020}^{(20)}m_{011}^{(10)} + 2m_{200}^{(22)}m_{020}^{(21)}m_{011}^{(00)} \\
&-2m_{200}^{(22)}m_{011}^{(00)}m_{011}^{(11)} + m_{200}^{(22)}(m_{011}^{(10)})^2 - 2m_{110}^{(00)}m_{110}^{(21)}m_{011}^{(22)} + 2m_{110}^{(00)}m_{110}^{(21)}m_{002}^{(21)} \\
&+2m_{110}^{(00)}m_{110}^{(22)}m_{011}^{(21)} - 2m_{110}^{(00)}m_{110}^{(22)}m_{002}^{(11)} + 2m_{110}^{(00)}m_{101}^{(11)}m_{011}^{(22)} - 2m_{110}^{(00)}m_{101}^{(11)}m_{002}^{(21)} \\
&-2m_{110}^{(00)}m_{101}^{(21)}m_{011}^{(21)} + 2m_{110}^{(00)}m_{101}^{(21)}m_{002}^{(11)} + 2m_{110}^{(00)}m_{020}^{(20)}m_{011}^{(22)} - 2m_{110}^{(00)}m_{020}^{(20)}m_{002}^{(21)} \\
&-2m_{110}^{(00)}m_{020}^{(22)}m_{011}^{(20)} + 2m_{110}^{(00)}m_{020}^{(22)}m_{002}^{(10)} - 2m_{110}^{(00)}m_{011}^{(10)}m_{011}^{(22)} + 2m_{110}^{(00)}m_{011}^{(10)}m_{002}^{(21)} \\
&+2m_{110}^{(00)}m_{011}^{(20)}m_{011}^{(21)} - 2m_{110}^{(00)}m_{011}^{(21)}m_{002}^{(10)} + 2m_{110}^{(10)}m_{110}^{(20)}m_{011}^{(22)} - 2m_{110}^{(10)}m_{110}^{(20)}m_{002}^{(21)} \\
&+2m_{110}^{(10)}m_{110}^{(21)}m_{101}^{(22)} - 2m_{110}^{(10)}m_{110}^{(21)}m_{002}^{(20)} + 2m_{110}^{(10)}(m_{110}^{(22)})^2 - 6m_{110}^{(10)}m_{110}^{(22)}m_{101}^{(21)} \\
&-6m_{110}^{(10)}m_{110}^{(22)}m_{011}^{(20)} + 8m_{110}^{(10)}m_{110}^{(22)}m_{002}^{(10)} - 2m_{110}^{(10)}m_{101}^{(10)}m_{011}^{(22)} + 2m_{110}^{(10)}m_{101}^{(10)}m_{002}^{(21)} \\
&+2m_{110}^{(10)}m_{101}^{(11)}m_{101}^{(22)} - 2m_{110}^{(10)}m_{101}^{(11)}m_{002}^{(20)} + 6m_{110}^{(10)}m_{101}^{(20)}m_{020}^{(22)} - 12m_{110}^{(10)}m_{101}^{(20)}m_{011}^{(21)} \\
&+6m_{110}^{(10)}m_{101}^{(20)}m_{002}^{(11)} + 12m_{110}^{(10)}m_{101}^{(21)}m_{011}^{(20)} - 6m_{110}^{(10)}m_{101}^{(21)}m_{002}^{(10)} - 2m_{110}^{(10)}m_{101}^{(22)}m_{020}^{(20)} \\
&-2m_{110}^{(10)}m_{101}^{(22)}m_{011}^{(10)} + 2m_{110}^{(10)}m_{020}^{(20)}m_{002}^{(20)} - 4m_{110}^{(10)}m_{020}^{(22)}m_{002}^{(00)} + 2m_{110}^{(10)}m_{011}^{(00)}m_{011}^{(22)} \\
&-2m_{110}^{(10)}m_{011}^{(00)}m_{002}^{(21)} + 2m_{110}^{(10)}m_{011}^{(10)}m_{002}^{(20)} - 6m_{110}^{(10)}m_{011}^{(20)}m_{002}^{(10)} + 6m_{110}^{(10)}m_{011}^{(21)}m_{002}^{(00)}
\end{aligned}
$$

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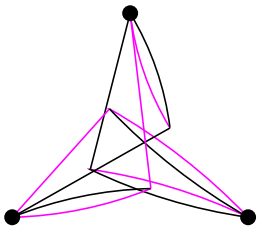
\begin{aligned}
&-2m_{110}^{(10)}m_{002}^{(00)}m_{002}^{(11)} + 2m_{110}^{(10)}(m_{002}^{(10)})^2 - 2m_{110}^{(11)}m_{110}^{(20)}m_{101}^{(22)} + 2m_{110}^{(11)}m_{110}^{(20)}m_{002}^{(20)}\\
&+2m_{110}^{(11)}m_{110}^{(22)}m_{101}^{(20)} - 2m_{110}^{(11)}m_{110}^{(22)}m_{002}^{(00)} - 2m_{110}^{(11)}m_{101}^{(10)}m_{101}^{(22)} + 2m_{110}^{(11)}m_{101}^{(10)}m_{002}^{(20)}\\
&+2m_{110}^{(11)}m_{101}^{(20)}m_{101}^{(21)} - 2m_{110}^{(11)}m_{101}^{(20)}m_{011}^{(20)} - 2m_{110}^{(11)}m_{101}^{(20)}m_{002}^{(10)} + 2m_{110}^{(11)}m_{101}^{(22)}m_{011}^{(00)}\\
&-2m_{110}^{(11)}m_{011}^{(00)}m_{002}^{(20)} + 2m_{110}^{(11)}m_{011}^{(20)}m_{002}^{(00)} - (m_{110}^{(20)})^2m_{020}^{(22)} + (m_{110}^{(20)})^2m_{002}^{(11)}\\
&-2m_{110}^{(20)}m_{110}^{(21)}m_{110}^{(22)} + 4m_{110}^{(20)}m_{110}^{(21)}m_{101}^{(21)} + 4m_{110}^{(20)}m_{110}^{(21)}m_{011}^{(20)} - 6m_{110}^{(20)}m_{110}^{(21)}m_{002}^{(10)}\\
&+2m_{110}^{(20)}m_{110}^{(22)}m_{101}^{(11)} + 2m_{110}^{(20)}m_{110}^{(22)}m_{020}^{(20)} - 2m_{110}^{(20)}m_{110}^{(22)}m_{011}^{(10)} - 6m_{110}^{(20)}m_{101}^{(10)}m_{101}^{(22)}\\
&+12m_{110}^{(20)}m_{101}^{(10)}m_{011}^{(21)} - 6m_{110}^{(20)}m_{101}^{(10)}m_{002}^{(11)} - 2m_{110}^{(20)}m_{101}^{(11)}m_{101}^{(21)} - 6m_{110}^{(20)}m_{101}^{(11)}m_{011}^{(20)}\\
&+6m_{110}^{(20)}m_{101}^{(11)}m_{002}^{(10)} + 2m_{110}^{(20)}m_{101}^{(20)}m_{020}^{(21)} - 2m_{110}^{(20)}m_{101}^{(20)}m_{011}^{(11)} - 2m_{110}^{(20)}m_{101}^{(21)}m_{020}^{(20)}\\
&+2m_{110}^{(20)}m_{101}^{(22)}m_{020}^{(10)} - 2m_{110}^{(20)}m_{020}^{(00)}m_{011}^{(22)} + 2m_{110}^{(20)}m_{020}^{(00)}m_{002}^{(21)} - 2m_{110}^{(20)}m_{020}^{(10)}m_{002}^{(20)}\\
&-2m_{110}^{(20)}m_{020}^{(20)}m_{011}^{(20)} + 2m_{110}^{(20)}m_{020}^{(20)}m_{002}^{(10)} + 4m_{110}^{(20)}m_{020}^{(22)}m_{011}^{(00)} - 6m_{110}^{(20)}m_{011}^{(00)}m_{011}^{(21)}\\
&+2m_{110}^{(20)}m_{011}^{(00)}m_{002}^{(11)} + 4m_{110}^{(20)}m_{011}^{(10)}m_{011}^{(20)} - 2m_{110}^{(20)}m_{011}^{(10)}m_{002}^{(10)} + (m_{110}^{(21)})^2m_{002}^{(00)}\\
&-2m_{110}^{(21)}m_{110}^{(22)}m_{101}^{(10)} + 2m_{110}^{(21)}m_{110}^{(22)}m_{011}^{(00)} + 2m_{110}^{(21)}m_{101}^{(00)}m_{020}^{(22)} - 2m_{110}^{(21)}m_{101}^{(00)}m_{011}^{(21)}\\
&+4m_{110}^{(21)}m_{101}^{(10)}m_{101}^{(21)} - 2m_{110}^{(21)}m_{101}^{(10)}m_{002}^{(10)} - 6m_{110}^{(21)}m_{101}^{(11)}m_{101}^{(20)} + 2m_{110}^{(21)}m_{101}^{(11)}m_{002}^{(00)}\\
&-6m_{110}^{(21)}m_{101}^{(20)}m_{020}^{(20)} + 12m_{110}^{(21)}m_{101}^{(20)}m_{011}^{(10)} - 6m_{110}^{(21)}m_{101}^{(21)}m_{011}^{(00)} + 2m_{110}^{(21)}m_{020}^{(20)}m_{002}^{(00)}\\
&-2m_{110}^{(21)}m_{011}^{(00)}m_{011}^{(20)} + 6m_{110}^{(21)}m_{011}^{(00)}m_{002}^{(10)} - 6m_{110}^{(21)}m_{011}^{(10)}m_{002}^{(00)} - (m_{110}^{(22)})^2m_{020}^{(00)}\\
&-2m_{110}^{(22)}m_{101}^{(00)}m_{020}^{(21)} + 2m_{110}^{(22)}m_{101}^{(00)}m_{011}^{(11)} + 2m_{110}^{(22)}m_{101}^{(10)}m_{101}^{(11)} + 6m_{110}^{(22)}m_{101}^{(10)}m_{020}^{(20)}\\
&-6m_{110}^{(22)}m_{101}^{(10)}m_{011}^{(10)} - 2m_{110}^{(22)}m_{101}^{(20)}m_{020}^{(10)} + 2m_{110}^{(22)}m_{101}^{(21)}m_{020}^{(00)} + 4m_{110}^{(22)}m_{020}^{(00)}m_{011}^{(20)}\\
&-4m_{110}^{(22)}m_{020}^{(00)}m_{002}^{(10)} + 2m_{110}^{(22)}m_{020}^{(10)}m_{002}^{(00)} - 4m_{110}^{(22)}m_{020}^{(20)}m_{011}^{(00)} + 2m_{110}^{(22)}m_{011}^{(00)}m_{011}^{(10)}\\
&-2m_{101}^{(00)}m_{101}^{(11)}m_{020}^{(22)} + 2m_{101}^{(00)}m_{101}^{(11)}m_{011}^{(21)} + 2m_{101}^{(00)}m_{101}^{(21)}m_{020}^{(21)} - 2m_{101}^{(00)}m_{101}^{(21)}m_{011}^{(11)}\\
&-2m_{101}^{(00)}m_{020}^{(20)}m_{011}^{(21)} + 2m_{101}^{(00)}m_{020}^{(20)}m_{002}^{(11)} + 2m_{101}^{(00)}m_{020}^{(21)}m_{011}^{(20)} - 2m_{101}^{(00)}m_{020}^{(21)}m_{002}^{(10)}\\
&+2m_{101}^{(00)}m_{011}^{(10)}m_{011}^{(21)} - 2m_{101}^{(00)}m_{011}^{(10)}m_{002}^{(11)} - 2m_{101}^{(00)}m_{011}^{(11)}m_{011}^{(20)} + 2m_{101}^{(00)}m_{011}^{(11)}m_{002}^{(10)}\\
&+(m_{101}^{(10)})^2m_{020}^{(22)} - (m_{101}^{(10)})^2m_{002}^{(11)} - 2m_{101}^{(10)}m_{101}^{(11)}m_{101}^{(21)} - 2m_{101}^{(10)}m_{101}^{(11)}m_{011}^{(20)}\\
&+2m_{101}^{(10)}m_{101}^{(11)}m_{002}^{(10)} - 2m_{101}^{(10)}m_{101}^{(20)}m_{020}^{(21)} + 2m_{101}^{(10)}m_{101}^{(20)}m_{011}^{(11)} - 6m_{101}^{(10)}m_{101}^{(21)}m_{020}^{(20)}\\
&+4m_{101}^{(10)}m_{101}^{(21)}m_{011}^{(10)} + 2m_{101}^{(10)}m_{101}^{(22)}m_{020}^{(10)} - 2m_{101}^{(10)}m_{020}^{(10)}m_{002}^{(20)} - 2m_{101}^{(10)}m_{020}^{(20)}m_{011}^{(20)}\\
&+2m_{101}^{(10)}m_{020}^{(20)}m_{002}^{(10)} + 2m_{101}^{(10)}m_{020}^{(21)}m_{002}^{(00)} + 2m_{101}^{(10)}m_{020}^{(22)}m_{011}^{(00)} - 6m_{101}^{(10)}m_{011}^{(00)}m_{011}^{(21)}\\
&+4m_{101}^{(10)}m_{011}^{(00)}m_{002}^{(11)} + 4m_{101}^{(10)}m_{011}^{(10)}m_{011}^{(20)} - 2m_{101}^{(10)}m_{011}^{(10)}m_{002}^{(10)} - 2m_{101}^{(10)}m_{011}^{(11)}m_{011}^{(00)}\\
&+2(m_{101}^{(11)})^2m_{101}^{(20)} - (m_{101}^{(11)})^2m_{002}^{(00)} + 8m_{101}^{(11)}m_{101}^{(20)}m_{020}^{(20)} - 6m_{101}^{(11)}m_{101}^{(20)}m_{011}^{(10)}\\
&+2m_{101}^{(11)}m_{101}^{(21)}m_{011}^{(00)} - 2m_{101}^{(11)}m_{101}^{(22)}m_{020}^{(00)} + 2m_{101}^{(11)}m_{101}^{(00)}m_{020}^{(20)} - 4m_{101}^{(11)}m_{020}^{(20)}m_{002}^{(00)}\\
&+2m_{101}^{(11)}m_{011}^{(00)}m_{011}^{(20)} - 4m_{101}^{(11)}m_{011}^{(00)}m_{002}^{(10)} + 4m_{101}^{(11)}m_{011}^{(10)}m_{002}^{(00)} - 2m_{101}^{(20)}m_{101}^{(21)}m_{020}^{(10)}\\
&-2m_{101}^{(20)}m_{020}^{(00)}m_{020}^{(22)} + 6m_{101}^{(20)}m_{020}^{(00)}m_{011}^{(21)} - 4m_{101}^{(20)}m_{020}^{(00)}m_{002}^{(11)} + 2m_{101}^{(20)}m_{020}^{(10)}m_{011}^{(20)}\\
&+2m_{101}^{(20)}m_{020}^{(10)}m_{002}^{(10)} + 2m_{101}^{(20)}(m_{020}^{(20)})^2 - 6m_{101}^{(20)}m_{020}^{(20)}m_{011}^{(10)} - 2m_{101}^{(20)}m_{020}^{(21)}m_{011}^{(00)}\\
&+2m_{101}^{(20)}m_{011}^{(00)}m_{011}^{(11)} + (m_{101}^{(21)})^2m_{020}^{(00)} - 6m_{101}^{(21)}m_{020}^{(00)}m_{011}^{(20)} + 2m_{101}^{(21)}m_{020}^{(00)}m_{002}^{(10)}\\
&+6m_{101}^{(21)}m_{020}^{(20)}m_{011}^{(00)} - 2m_{101}^{(21)}m_{011}^{(00)}m_{011}^{(10)} + 2m_{101}^{(22)}m_{020}^{(00)}m_{011}^{(10)} - 2m_{101}^{(22)}m_{020}^{(10)}m_{011}^{(00)}\\
&+m_{020}^{(00)}m_{020}^{(22)}m_{002}^{(00)} - 2m_{020}^{(00)}m_{011}^{(10)}m_{002}^{(20)} - m_{020}^{(00)}(m_{011}^{(20)})^2 + 4m_{020}^{(00)}m_{011}^{(20)}m_{002}^{(10)}\\
&-2m_{020}^{(00)}m_{011}^{(21)}m_{002}^{(00)} + m_{020}^{(00)}m_{002}^{(00)}m_{002}^{(11)} - m_{020}^{(00)}(m_{002}^{(10)})^2 + 2m_{020}^{(10)}m_{011}^{(00)}m_{002}^{(20)}\\
&-2m_{020}^{(10)}m_{011}^{(20)}m_{002}^{(00)} - (m_{020}^{(20)})^2m_{002}^{(00)} + 2m_{020}^{(20)}m_{011}^{(00)}m_{011}^{(20)} - 4m_{020}^{(20)}m_{011}^{(00)}m_{002}^{(10)}\\
&+4m_{020}^{(20)}m_{011}^{(10)}m_{002}^{(00)} - m_{020}^{(22)}(m_{011}^{(00)})^2 + 2(m_{011}^{(00)})^2m_{011}^{(21)} - (m_{011}^{(00)})^2m_{002}^{(11)}\\
&-2m_{011}^{(00)}m_{011}^{(10)}m_{011}^{(20)} + 2m_{011}^{(00)}m_{011}^{(10)}m_{002}^{(10)} - (m_{011}^{(10)})^2m_{002}^{(00)}
\end{aligned}
$$

Generating graph:

$V1$	1	$V1$	2
1	$V2$	$V3$	$V3$
$V2$	2	3	3



$$
\begin{aligned}
T_{43} \;=\;& -m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(11)} m_{002}^{(22)} + m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(21)} m_{011}^{(22)} + m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(21)} m_{002}^{(21)} \\
& - m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(22)} m_{011}^{(21)} + m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(11)} m_{011}^{(22)} - m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(21)} m_{020}^{(22)} \\
& - m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(21)} m_{011}^{(21)} + m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(22)} m_{020}^{(21)} + m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(10)} m_{002}^{(22)} \\
& - m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(20)} m_{002}^{(21)} - m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(21)} m_{101}^{(22)} + m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(22)} m_{101}^{(21)} \\
& - m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(10)} m_{011}^{(22)} + m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(20)} m_{011}^{(21)} + m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(21)} m_{110}^{(22)} \\
& - m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(22)} m_{110}^{(21)} + m_{000}^{(00)} m_{100}^{(20)} m_{010}^{(11)} m_{002}^{(21)} - m_{000}^{(00)} m_{100}^{(20)} m_{010}^{(21)} m_{011}^{(21)} \\
& - m_{000}^{(00)} m_{100}^{(20)} m_{010}^{(21)} m_{002}^{(11)} + m_{000}^{(00)} m_{100}^{(20)} m_{010}^{(22)} m_{011}^{(11)} - m_{000}^{(00)} m_{100}^{(20)} m_{001}^{(11)} m_{011}^{(21)} \\
& + m_{000}^{(00)} m_{100}^{(20)} m_{001}^{(21)} m_{020}^{(21)} + m_{000}^{(00)} m_{100}^{(20)} m_{001}^{(21)} m_{011}^{(11)} - m_{000}^{(00)} m_{100}^{(20)} m_{001}^{(22)} m_{020}^{(11)} \\
& - m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(10)} m_{011}^{(22)} - m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(10)} m_{002}^{(21)} + m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(11)} m_{101}^{(22)} \\
& + m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(20)} m_{011}^{(21)} + m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(20)} m_{002}^{(11)} - m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(22)} m_{101}^{(11)} \\
& + m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(10)} m_{020}^{(22)} + m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(10)} m_{011}^{(21)} - m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(11)} m_{110}^{(22)} \\
& - m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(20)} m_{020}^{(21)} - m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(20)} m_{011}^{(11)} + m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(22)} m_{110}^{(11)} \\
& + m_{000}^{(00)} m_{100}^{(22)} m_{010}^{(10)} m_{011}^{(21)} - m_{000}^{(00)} m_{100}^{(22)} m_{010}^{(11)} m_{101}^{(21)} - m_{000}^{(00)} m_{100}^{(22)} m_{010}^{(20)} m_{011}^{(11)} \\
& + m_{000}^{(00)} m_{100}^{(22)} m_{010}^{(21)} m_{101}^{(11)} - m_{000}^{(00)} m_{100}^{(22)} m_{001}^{(10)} m_{020}^{(21)} + m_{000}^{(00)} m_{100}^{(22)} m_{001}^{(11)} m_{110}^{(21)} \\
& + m_{000}^{(00)} m_{100}^{(22)} m_{001}^{(20)} m_{020}^{(11)} - m_{000}^{(00)} m_{100}^{(22)} m_{001}^{(21)} m_{110}^{(11)} - m_{000}^{(00)} m_{010}^{(10)} m_{001}^{(11)} m_{101}^{(22)} \\
& + m_{000}^{(00)} m_{010}^{(10)} m_{001}^{(21)} m_{110}^{(22)} + m_{000}^{(00)} m_{010}^{(10)} m_{001}^{(21)} m_{101}^{(21)} - m_{000}^{(00)} m_{010}^{(10)} m_{001}^{(22)} m_{110}^{(21)} \\
& + m_{000}^{(00)} m_{010}^{(11)} m_{001}^{(10)} m_{101}^{(22)} - m_{000}^{(00)} m_{010}^{(11)} m_{001}^{(20)} m_{101}^{(21)} - m_{000}^{(00)} m_{010}^{(11)} m_{001}^{(21)} m_{200}^{(22)} \\
& + m_{000}^{(00)} m_{010}^{(11)} m_{001}^{(22)} m_{200}^{(21)} + m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(11)} m_{101}^{(21)} - m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(21)} m_{110}^{(21)} \\
& - m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(21)} m_{101}^{(11)} + m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(22)} m_{110}^{(11)} - m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(10)} m_{110}^{(22)} \\
& - m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(10)} m_{101}^{(21)} + m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(11)} m_{200}^{(22)} + m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(20)} m_{110}^{(21)} \\
& + m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(20)} m_{101}^{(11)} - m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(22)} m_{200}^{(11)} + m_{000}^{(00)} m_{010}^{(22)} m_{001}^{(10)} m_{110}^{(21)} \\
& - m_{000}^{(00)} m_{010}^{(22)} m_{001}^{(11)} m_{200}^{(21)} - m_{000}^{(00)} m_{010}^{(22)} m_{001}^{(20)} m_{110}^{(11)} + m_{000}^{(00)} m_{010}^{(22)} m_{001}^{(21)} m_{200}^{(11)} \\
& + m_{000}^{(10)} m_{100}^{(00)} m_{010}^{(11)} m_{002}^{(22)} - m_{000}^{(10)} m_{100}^{(00)} m_{010}^{(21)} m_{011}^{(22)} - m_{000}^{(10)} m_{100}^{(00)} m_{010}^{(21)} m_{002}^{(21)} \\
& + m_{000}^{(10)} m_{100}^{(00)} m_{010}^{(22)} m_{011}^{(21)} - m_{000}^{(10)} m_{100}^{(00)} m_{001}^{(11)} m_{011}^{(22)} + m_{000}^{(10)} m_{100}^{(00)} m_{001}^{(21)} m_{020}^{(22)} \\
& + m_{000}^{(10)} m_{100}^{(00)} m_{001}^{(21)} m_{011}^{(21)} - m_{000}^{(10)} m_{100}^{(00)} m_{001}^{(22)} m_{020}^{(21)} - m_{000}^{(10)} m_{100}^{(10)} m_{010}^{(20)} m_{011}^{(22)} \\
& + m_{000}^{(10)} m_{100}^{(10)} m_{010}^{(20)} m_{002}^{(21)} + m_{000}^{(10)} m_{100}^{(10)} m_{010}^{(21)} m_{101}^{(22)} - m_{000}^{(10)} m_{100}^{(10)} m_{010}^{(21)} m_{002}^{(20)} \\
& - m_{000}^{(10)} m_{100}^{(10)} m_{010}^{(22)} m_{101}^{(21)} + m_{000}^{(10)} m_{100}^{(10)} m_{010}^{(22)} m_{011}^{(20)} + m_{000}^{(10)} m_{100}^{(10)} m_{001}^{(20)} m_{020}^{(22)} \\
& - m_{000}^{(10)} m_{100}^{(10)} m_{001}^{(20)} m_{011}^{(21)} - m_{000}^{(10)} m_{100}^{(10)} m_{001}^{(21)} m_{110}^{(22)} + m_{000}^{(10)} m_{100}^{(10)} m_{001}^{(21)} m_{011}^{(20)}
\end{aligned}
$$

$$
\begin{aligned}
&+m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(21)} - m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(20)} - m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(00)}m_{002}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(22)} + m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(20)} - m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(22)} - m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(22)} - m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(20)} + m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(22)} - m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(22)} - m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(20)} + m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(20)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(10)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(22)} + m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(21)} + m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(20)} - m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(21)} - m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(20)}\\
&-2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(10)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(10)} + m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(21)} - m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(22)} + m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(21)} - m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(20)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(10)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(10)} - m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(22)} - m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(22)} - m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(20)} + m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(20)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(10)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(21)} + m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(20)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(10)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(21)} + m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(20)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(10)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(22)} - m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(22)} - m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(21)} - m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(22)} + m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(22)} - m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(20)} - m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(20)} - m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(22)} + m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(20)} - m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(22)}m_{200}^{(20)} + m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(21)} - m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(22)} - m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(21)} + m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(20)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(10)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(10)} + m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(22)} + m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(22)} + m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(20)} - m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(20)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(10)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(21)} + m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(21)} - m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(11)}m_{200}^{(20)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(10)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(22)} + m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(22)} + m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(20)} + m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(22)} - m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(20)} + m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(22)}m_{020}^{(20)} + m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(22)} - m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(20)} + m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(22)} + m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(22)} + m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(20)} - m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(22)} + m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(20)} - m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(20)} - m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(00)} + m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(22)} - m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(22)}
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&-m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(20)} + m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(20)} + m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(00)} - m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(20)} + m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(00)} - m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(00)} + m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(20)} - m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(00)} + m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(20)} - m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(20)} - m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(00)} - m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(20)} + m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(00)} - m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(00)} - m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(22)}\\
&+m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(22)} + m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(20)} - m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(20)}\\
&+m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(22)} - m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(22)} - m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(20)}\\
&+m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(20)} - m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(22)} + m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(22)}\\
&+m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(20)} - m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(20)} - m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(00)}\\
&+m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(00)} - m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(20)} + m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(20)}\\
&+m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(00)} - m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(00)} + m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(20)}\\
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&-m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(11)} + m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(22)}m_{020}^{(11)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(21)} - m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(11)} - m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(20)} - m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(10)} + m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(10)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(20)} - m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(11)} + m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(21)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(10)} - m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(11)} - m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(00)}m_{002}^{(21)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(20)} - m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(10)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(20)} - m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(21)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(20)} + m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(10)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(20)} + m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(21)} + m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(11)} + m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(10)} - m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(11)} + m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(21)} - m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(11)} - m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(10)} + m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(11)} - m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(21)} - m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(11)} + m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(20)} + m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(10)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(11)} - m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(10)} + m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(11)} - m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(21)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(20)}\\
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&+m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(10)} + m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(11)} - m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(10)} + m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(10)} - m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(11)} + m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(10)} - m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(10)}
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&-m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(11)}-m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(21)}-2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(20)}\\
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&+2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(20)}+m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(10)}-2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(20)}\\
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&+2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(21)}-m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(11)}m_{002}^{(20)}-2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(20)}-m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(10)}+m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(10)}\\
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&-2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(21)}+2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(21)}+m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(20)}\\
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&-2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(21)}-m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(20)}-m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(20)}-m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(00)}+m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(00)}+m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(00)}m_{002}^{(20)}-m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(00)}+m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(00)}-m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(20)}+m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(00)}-m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(21)}-2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(21)}-m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(20)}\\
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&+m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(10)}-m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(00)}-2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(21)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(21)}+m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(20)}+m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(20)}-m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(00)}-m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(00)}-m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(20)}+m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(20)}-m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(00)}-m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(10)}\\
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&-m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(20)}+m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(00)}+m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(10)}\\
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&+m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(10)} - m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(20)} + m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(00)}\\
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&+2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(21)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(21)} - m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(20)}\\
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&+m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(10)} - m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(00)} - m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(10)} + m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(20)} - m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(00)}\\
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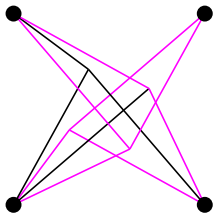
&+m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(10)} - m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(10)} + m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(11)} - m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(10)} + m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(10)} - m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(00)} - m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(00)} - m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(10)} + m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(00)} - m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(00)} - m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(10)} + m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(11)} - m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(11)} - m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(00)} - m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(11)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(10)} + m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(10)} + m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(10)} + m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(00)} + m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(00)} - m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(11)} + m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(10)} + m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(10)} - m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(00)} + m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & 1 & 1 & V1\\
V2 & V2 & 2 & V3\\
V3 & V4 & 4 & V4
\end{array}
$$



$$
\begin{aligned}
T_{44} \;=\;& m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(11)} m_{002}^{(22)} - m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(21)} m_{011}^{(22)} - m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(21)} m_{002}^{(21)} \\
&+ m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(22)} m_{011}^{(21)} - m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(11)} m_{002}^{(21)} + m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(21)} m_{011}^{(21)} \\
&+ m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(21)} m_{002}^{(11)} - m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(22)} m_{011}^{(11)} - m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(10)} m_{002}^{(22)} \\
&+ m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(20)} m_{011}^{(22)} + m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(21)} m_{002}^{(20)} - m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(22)} m_{011}^{(20)} \\
&+ m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(10)} m_{002}^{(21)} - m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(20)} m_{011}^{(21)} - m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(21)} m_{002}^{(10)} \\
&+ m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(22)} m_{011}^{(10)} - m_{000}^{(00)} m_{100}^{(20)} m_{010}^{(11)} m_{011}^{(22)} + m_{000}^{(00)} m_{100}^{(20)} m_{010}^{(21)} m_{020}^{(22)} \\
&+ m_{000}^{(00)} m_{100}^{(20)} m_{010}^{(21)} m_{011}^{(21)} - m_{000}^{(00)} m_{100}^{(20)} m_{010}^{(22)} m_{020}^{(21)} + m_{000}^{(00)} m_{100}^{(20)} m_{001}^{(11)} m_{011}^{(21)} \\
&- m_{000}^{(00)} m_{100}^{(20)} m_{001}^{(21)} m_{020}^{(21)} - m_{000}^{(00)} m_{100}^{(20)} m_{001}^{(21)} m_{011}^{(11)} + m_{000}^{(00)} m_{100}^{(20)} m_{001}^{(22)} m_{020}^{(11)} \\
&+ m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(10)} m_{011}^{(22)} + m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(10)} m_{002}^{(21)} - m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(11)} m_{002}^{(20)} \\
&- m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(20)} m_{020}^{(22)} - m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(20)} m_{011}^{(21)} + m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(22)} m_{020}^{(20)} \\
&- m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(10)} m_{011}^{(21)} - m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(10)} m_{002}^{(11)} + m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(11)} m_{002}^{(10)} \\
&+ m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(20)} m_{020}^{(21)} + m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(20)} m_{011}^{(11)} - m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(22)} m_{020}^{(10)} \\
&- m_{000}^{(00)} m_{100}^{(22)} m_{010}^{(10)} m_{011}^{(21)} + m_{000}^{(00)} m_{100}^{(22)} m_{010}^{(11)} m_{011}^{(20)} + m_{000}^{(00)} m_{100}^{(22)} m_{010}^{(20)} m_{020}^{(21)} \\
&- m_{000}^{(00)} m_{100}^{(22)} m_{010}^{(21)} m_{020}^{(20)} + m_{000}^{(00)} m_{100}^{(22)} m_{001}^{(10)} m_{011}^{(11)} - m_{000}^{(00)} m_{100}^{(22)} m_{001}^{(11)} m_{011}^{(10)} \\
&- m_{000}^{(00)} m_{100}^{(22)} m_{001}^{(20)} m_{020}^{(11)} + m_{000}^{(00)} m_{100}^{(22)} m_{001}^{(21)} m_{020}^{(10)} + m_{000}^{(00)} m_{010}^{(10)} m_{001}^{(11)} m_{002}^{(20)} \\
&- m_{000}^{(00)} m_{010}^{(10)} m_{001}^{(21)} m_{011}^{(20)} - m_{000}^{(00)} m_{010}^{(10)} m_{001}^{(21)} m_{002}^{(10)} + m_{000}^{(00)} m_{010}^{(10)} m_{001}^{(22)} m_{011}^{(10)} \\
&- m_{000}^{(00)} m_{010}^{(11)} m_{001}^{(10)} m_{002}^{(20)} + m_{000}^{(00)} m_{010}^{(11)} m_{001}^{(20)} m_{011}^{(20)} + m_{000}^{(00)} m_{010}^{(11)} m_{001}^{(21)} m_{002}^{(00)} \\
&- m_{000}^{(00)} m_{010}^{(11)} m_{001}^{(22)} m_{011}^{(00)} - m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(11)} m_{011}^{(20)} + m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(21)} m_{020}^{(20)} \\
&+ m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(21)} m_{011}^{(10)} - m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(22)} m_{020}^{(10)} + m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(10)} m_{011}^{(20)} \\
&+ m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(10)} m_{002}^{(10)} - m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(11)} m_{002}^{(00)} - m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(20)} m_{020}^{(20)} \\
&- m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(20)} m_{011}^{(10)} + m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(22)} m_{020}^{(00)} - m_{000}^{(00)} m_{010}^{(22)} m_{001}^{(10)} m_{011}^{(10)} \\
&+ m_{000}^{(00)} m_{010}^{(22)} m_{001}^{(11)} m_{011}^{(00)} + m_{000}^{(00)} m_{010}^{(22)} m_{001}^{(20)} m_{020}^{(10)} - m_{000}^{(00)} m_{010}^{(22)} m_{001}^{(21)} m_{020}^{(00)} \\
&- m_{000}^{(10)} m_{100}^{(00)} m_{010}^{(11)} m_{002}^{(22)} + m_{000}^{(10)} m_{100}^{(00)} m_{010}^{(21)} m_{011}^{(22)} + m_{000}^{(10)} m_{100}^{(00)} m_{010}^{(21)} m_{002}^{(21)} \\
&- m_{000}^{(10)} m_{100}^{(00)} m_{010}^{(22)} m_{011}^{(21)} + m_{000}^{(10)} m_{100}^{(00)} m_{001}^{(11)} m_{002}^{(21)} - m_{000}^{(10)} m_{100}^{(00)} m_{001}^{(21)} m_{011}^{(21)} \\
&- m_{000}^{(10)} m_{100}^{(00)} m_{001}^{(21)} m_{002}^{(11)} + m_{000}^{(10)} m_{100}^{(00)} m_{001}^{(22)} m_{011}^{(11)} - m_{000}^{(10)} m_{100}^{(10)} m_{010}^{(20)} m_{011}^{(22)} \\
&+ m_{000}^{(10)} m_{100}^{(10)} m_{010}^{(20)} m_{002}^{(21)} + m_{000}^{(10)} m_{100}^{(10)} m_{010}^{(21)} m_{101}^{(22)} - m_{000}^{(10)} m_{100}^{(10)} m_{010}^{(21)} m_{002}^{(20)} \\
&- m_{000}^{(10)} m_{100}^{(10)} m_{010}^{(22)} m_{101}^{(21)} + m_{000}^{(10)} m_{100}^{(10)} m_{010}^{(22)} m_{011}^{(20)} + m_{000}^{(10)} m_{100}^{(10)} m_{001}^{(20)} m_{011}^{(21)} \\
&- m_{000}^{(10)} m_{100}^{(10)} m_{001}^{(20)} m_{002}^{(11)} - m_{000}^{(10)} m_{100}^{(10)} m_{001}^{(21)} m_{101}^{(21)} + m_{000}^{(10)} m_{100}^{(10)} m_{001}^{(21)} m_{002}^{(10)} \\
&+ m_{000}^{(10)} m_{100}^{(10)} m_{001}^{(22)} m_{101}^{(11)} - m_{000}^{(10)} m_{100}^{(10)} m_{001}^{(22)} m_{011}^{(10)} + m_{000}^{(10)} m_{100}^{(11)} m_{010}^{(00)} m_{002}^{(22)} \\
&- m_{000}^{(10)} m_{100}^{(11)} m_{010}^{(20)} m_{101}^{(22)} - m_{000}^{(10)} m_{100}^{(11)} m_{010}^{(20)} m_{002}^{(20)} + m_{000}^{(10)} m_{100}^{(11)} m_{010}^{(22)} m_{101}^{(20)} \\
&- m_{000}^{(10)} m_{100}^{(11)} m_{001}^{(00)} m_{002}^{(21)} + m_{000}^{(10)} m_{100}^{(11)} m_{001}^{(20)} m_{101}^{(21)} + m_{000}^{(10)} m_{100}^{(11)} m_{001}^{(20)} m_{002}^{(10)} \\
&- m_{000}^{(10)} m_{100}^{(11)} m_{001}^{(22)} m_{101}^{(10)} + m_{000}^{(10)} m_{100}^{(20)} m_{010}^{(10)} m_{011}^{(22)} - m_{000}^{(10)} m_{100}^{(20)} m_{010}^{(10)} m_{002}^{(21)} \\
&+ m_{000}^{(10)} m_{100}^{(20)} m_{010}^{(11)} m_{101}^{(22)} + m_{000}^{(10)} m_{100}^{(20)} m_{010}^{(11)} m_{002}^{(20)} - 2m_{000}^{(10)} m_{100}^{(20)} m_{010}^{(21)} m_{110}^{(22)} \\
&- m_{000}^{(10)} m_{100}^{(20)} m_{010}^{(21)} m_{101}^{(21)} - m_{000}^{(10)} m_{100}^{(20)} m_{010}^{(21)} m_{011}^{(20)} + 2m_{000}^{(10)} m_{100}^{(20)} m_{010}^{(22)} m_{110}^{(21)} \\
&- m_{000}^{(10)} m_{100}^{(20)} m_{001}^{(10)} m_{011}^{(21)} + m_{000}^{(10)} m_{100}^{(20)} m_{001}^{(10)} m_{002}^{(11)} - m_{000}^{(10)} m_{100}^{(20)} m_{001}^{(11)} m_{101}^{(21)} \\
&- m_{000}^{(10)} m_{100}^{(20)} m_{001}^{(11)} m_{002}^{(10)} + 2m_{000}^{(10)} m_{100}^{(20)} m_{001}^{(21)} m_{110}^{(21)} + m_{000}^{(10)} m_{100}^{(20)} m_{001}^{(21)} m_{101}^{(11)} \\
&+ m_{000}^{(10)} m_{100}^{(20)} m_{001}^{(21)} m_{011}^{(10)} - 2m_{000}^{(10)} m_{100}^{(20)} m_{001}^{(22)} m_{110}^{(11)} - m_{000}^{(10)} m_{100}^{(21)} m_{010}^{(00)} m_{011}^{(22)} \\
&- m_{000}^{(10)} m_{100}^{(21)} m_{010}^{(00)} m_{002}^{(21)} - m_{000}^{(10)} m_{100}^{(21)} m_{010}^{(10)} m_{101}^{(22)} + m_{000}^{(10)} m_{100}^{(21)} m_{010}^{(10)} m_{002}^{(20)}
\end{aligned}
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\begin{aligned}
&+2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(22)} + m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(21)} + m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(20)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(20)} + m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(21)} + m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(11)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(21)} - m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(10)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(11)} - m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(10)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(21)} + m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(20)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(21)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(00)}m_{011}^{(11)} - m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(11)} + m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(10)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(11)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(20)} + m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(20)} + m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{011}^{(10)} - m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(20)} + m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(20)} - m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(00)} - m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{101}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{011}^{(00)} + m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(20)} - m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(00)} + m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(22)}m_{101}^{(00)} + m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(10)} + m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(20)} + m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(00)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(20)} - m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(10)} - m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(00)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(10)} - m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(20)} - m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{002}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(20)} + m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(00)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(10)} + m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(00)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(10)} + m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(10)} - m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(00)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(11)}m_{101}^{(00)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(10)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(22)} - m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(21)} - m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(21)}m_{101}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(22)}m_{101}^{(21)} - m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(21)} + m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(20)}m_{002}^{(11)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(21)}m_{101}^{(21)} - m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(22)}m_{101}^{(11)} - m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(22)} + m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(20)} - m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(21)} - m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(21)} - m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(22)}m_{101}^{(10)} + m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(21)} - m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(20)} + m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(22)} + m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(21)} - m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(00)}m_{002}^{(11)} + m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(10)} - m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(21)} - m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{200}^{(11)} + m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(00)}m_{101}^{(22)} - m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(20)} + m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(20)} - m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(21)} + m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(10)} - m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{101}^{(21)} + m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(20)} + m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{200}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(20)} + m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(00)}m_{101}^{(11)} - m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(20)}m_{200}^{(11)} + m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(10)} + m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(20)}\\
&-m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(10)} - m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(20)} + m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(22)}m_{101}^{(10)}\\
&-m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(20)} + m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(20)} + m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(00)}\\
&-m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(22)}m_{101}^{(00)} + m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(10)} - m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(20)}
\end{aligned}
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\begin{aligned}
&-m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(00)} + m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(20)} + m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(00)}\\
&-m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(10)} + m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(20)} - m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(20)}\\
&-m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(00)} + m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(00)} - m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{101}^{(10)}\\
&+m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(00)} + m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(10)} - m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(11)}m_{011}^{(22)} - m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(21)}m_{020}^{(22)} - m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(21)} - m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(21)} + m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(11)} - m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(22)}m_{020}^{(11)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(22)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(22)} - m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(21)} + m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(22)}\\
&+2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(21)} + m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(20)} - m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(20)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(21)} - m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(11)} - m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(21)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(10)} + m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(11)} + m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(00)}m_{011}^{(22)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(22)} - m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(22)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(20)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(20)} + m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(21)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(21)} + m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(10)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(10)} - m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(22)} + m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(21)} + m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{110}^{(22)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{011}^{(20)} - m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(21)} + m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(21)} - m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(11)} - m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(10)} + m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(11)} - m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(00)}m_{020}^{(22)} + m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(21)} - m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(22)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(21)} - m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(20)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(21)} - m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(20)} - m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(11)} + m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(21)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(10)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(10)} - m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(20)}m_{010}^{(10)} - m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(21)} + m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{020}^{(20)} - m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{110}^{(20)} + m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(11)} - m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(10)} + m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(20)} - m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(20)} - m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(10)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(20)} + m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(10)} + m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(20)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(00)} - m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(10)} - m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{011}^{(20)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(20)} - m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{110}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{011}^{(00)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(00)} + m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(22)}m_{110}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(20)} + m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(10)} + m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(00)} - m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(00)} + m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(20)} + m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(10)} - m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(20)}\\
&-2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(10)} - m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(20)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(00)}
\end{aligned}
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\begin{aligned}
&+m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(10)} - m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(00)} - m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(10)} + m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{020}^{(00)} - m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(11)}m_{110}^{(00)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(22)} + m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(11)}m_{101}^{(22)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(21)}m_{110}^{(22)} - m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(21)}m_{101}^{(21)} - m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(22)}m_{110}^{(21)}\\
&+2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(21)} - m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(11)}m_{101}^{(21)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{110}^{(21)} + m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{101}^{(11)} + m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(22)}m_{110}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(22)} - m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(22)} - m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(20)} - m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(22)} + m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(21)} + m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(20)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(21)} + m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(11)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(21)} - m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(10)} - m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(22)}m_{200}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(10)} - m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(00)}m_{101}^{(22)} + m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(20)}m_{200}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(20)} - m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(20)} + m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(21)} - m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(10)} + m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(21)} + m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(22)} + m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(21)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(20)} - m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(22)} - m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(21)} - m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(20)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(21)} - m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(11)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(21)} + m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(10)} - m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(10)} - m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(00)}m_{110}^{(22)} + m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(00)}m_{101}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(22)} - m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(20)} - m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(20)} + m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(21)} - m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(21)} + m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(10)} + m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{110}^{(21)} - m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(20)} + m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(20)} - m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(00)}m_{110}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(11)} + m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(10)}\\
&-2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(20)} + m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(20)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(20)} - m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(10)} - m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(20)} - m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(20)} - m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(10)}\\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(00)} - m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(20)} + m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(10)} + m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(00)} - m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(20)} + m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(00)} - m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(22)}m_{200}^{(00)}\\
&-2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(10)} + m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(20)} + m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(00)} - m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(20)} - m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(10)} - m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(00)} - m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(10)} + m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(20)} - m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(10)} + m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(00)} + m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(10)} - m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(00)} + m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(11)}m_{200}^{(00)}
\end{aligned}
$$

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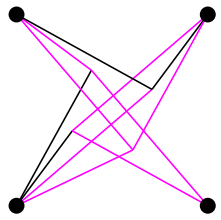
\begin{array}{lll}
+m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(10)}m_{020}^{(22)} & -m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(11)}m_{110}^{(22)} & -m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(21)} \\
+m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{110}^{(21)} & -m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(21)} & +m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(11)}m_{110}^{(21)} \\
+m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(11)} & -m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(21)}m_{110}^{(11)} & -m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(00)}m_{020}^{(22)} \\
+m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}m_{200}^{(22)} & +m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(21)} & +m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(20)} \\
-m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(21)} & -m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(20)} & +m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(21)} \\
-m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(21)} & -m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(11)} & -m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(10)} \\
+m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(11)} & +m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(10)} & +m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(00)}m_{110}^{(22)} \\
-m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(10)}m_{200}^{(22)} & -m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(20)} & +m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(20)} \\
-m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(00)}m_{110}^{(21)} & +m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(21)} & +m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(10)} \\
-m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(10)} & +m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(21)} & -m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(21)} \\
-m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(20)} & +m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{110}^{(20)} & -m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(11)} \\
+m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(11)} & +m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(10)} & -m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(10)} \\
-m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}m_{110}^{(21)} & +m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(21)} & +m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(20)} \\
-m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(20)} & +m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(11)} & -m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(11)} \\
-m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(10)} & +m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(10)} & +m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(20)} \\
-m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{110}^{(20)} & -m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(10)} & +m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(10)} \\
-m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{020}^{(20)} & +m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(20)} & +m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(10)} \\
+m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(00)} & -m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(10)} & -m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(00)} \\
+m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{110}^{(20)} & -m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(20)} & -m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{110}^{(00)} \\
+m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(00)} & +m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(10)} & -m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(10)} \\
-m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(00)} & +m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(00)} & -m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(10)} \\
+m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(10)} & +m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(00)} & -m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(00)}
\end{array}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & V1 & 1 & 1 \\
V2 & 2 & V2 & V3 \\
V3 & 3 & V4 & V4
\end{array}
$$



$$
T_{45} \;=\; -2m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(22)} + 2m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(22)} + 2m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(21)}
$$

$$
\begin{aligned}
&-2m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(21)}+2m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(22)}-2m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(22)}\\
&-2m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(21)}+2m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(21)}+m_{000}^{(00)}(m_{100}^{(11)})^2m_{002}^{(22)}\\
&-2m_{000}^{(00)}m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(22)}-2m_{000}^{(00)}m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(21)}+2m_{000}^{(00)}m_{100}^{(11)}m_{100}^{(22)}m_{011}^{(21)}\\
&-2m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(22)}+2m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(22)}+2m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(21)}\\
&-2m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(21)}+2m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(21)}-2m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(21)}\\
&-2m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(11)}+2m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(11)}-2m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(21)}\\
&+2m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(21)}+2m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(11)}-2m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(11)}\\
&+m_{000}^{(00)}(m_{100}^{(21)})^2m_{020}^{(22)}+2m_{000}^{(00)}(m_{100}^{(21)})^2m_{011}^{(21)}+m_{000}^{(00)}(m_{100}^{(21)})^2m_{002}^{(11)}\\
&-2m_{000}^{(00)}m_{100}^{(21)}m_{100}^{(22)}m_{020}^{(21)}-2m_{000}^{(00)}m_{100}^{(21)}m_{100}^{(22)}m_{011}^{(11)}+2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(22)}\\
&-2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(22)}-2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(21)}+2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(21)}\\
&+2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(21)}-2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(21)}-2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(11)}\\
&+2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(11)}+m_{000}^{(00)}(m_{100}^{(22)})^2m_{020}^{(11)}-2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(21)}\\
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&+m_{000}^{(00)}(m_{010}^{(10)})^2m_{002}^{(22)}-2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(21)}-2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(22)}\\
&+2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(21)}-2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(22)}+2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(21)}\\
&+2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(22)}-2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(21)}+2m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(22)}\\
&-2m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(21)}-2m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(22)}+2m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(22)}m_{200}^{(21)}\\
&+m_{000}^{(00)}(m_{010}^{(20)})^2m_{002}^{(11)}+2m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(21)}-2m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(11)}\\
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&+2m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(11)}m_{002}^{(22)}-2m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(22)}-2m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(21)}\\
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&+2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(20)}+2m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(22)}-2m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(21)}\\
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&-2m_{000}^{(10)}(m_{001}^{(20)})^2m_{020}^{(10)} + 4m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(10)} - 2m_{000}^{(10)}(m_{001}^{(21)})^2m_{200}^{(10)}\\
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&-2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(22)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(22)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(20)}\\
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&-2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(00)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(20)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(00)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(20)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(20)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(00)}\\
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&+2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(20)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(20)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(00)}\\
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&+2m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(21)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(11)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(11)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(21)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(10)}\\
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&+2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(10)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(11)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(10)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(11)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(10)}\\
&-2m_{000}^{(20)}(m_{100}^{(21)})^2m_{020}^{(20)} - 2m_{000}^{(20)}(m_{100}^{(21)})^2m_{011}^{(10)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{100}^{(22)}m_{020}^{(10)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(21)} - 4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(20)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(21)}
\end{aligned}
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\begin{aligned}
&+4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(20)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(10)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(10)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(11)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(10)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(10)} - 2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(11)} + 2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(10)}\\
&+2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(11)} - 2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(10)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(11)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(21)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(22)}m_{101}^{(11)}\\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(21)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(11)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(11)} - 2m_{000}^{(20)}(m_{010}^{(10)})^2m_{002}^{(20)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(21)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(10)} + 4m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(20)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(10)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(21)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(21)} + 4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(20)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(21)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(11)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(10)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(21)} - 4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(20)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(11)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(10)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(21)} - 4m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(20)}\\
&-2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(21)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(10)} + 4m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(20)}\\
&-2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(22)}m_{200}^{(10)} + 2m_{000}^{(20)}(m_{010}^{(20)})^2m_{101}^{(11)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(10)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(11)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(11)}\\
&-2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(10)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(11)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(10)}\\
&-2m_{000}^{(20)}(m_{010}^{(21)})^2m_{200}^{(20)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(10)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(11)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(10)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(11)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(10)}\\
&+2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(21)} - 2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{110}^{(21)} - 2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(11)}\\
&+2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(11)} - 2m_{000}^{(20)}(m_{001}^{(10)})^2m_{110}^{(21)} - 2m_{000}^{(20)}(m_{001}^{(10)})^2m_{020}^{(20)}\\
&+2m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(21)} + 4m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(20)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(11)}\\
&+2m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(10)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(11)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(10)}\\
&-2m_{000}^{(20)}(m_{001}^{(11)})^2m_{200}^{(20)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(10)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(10)}\\
&+4m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(21)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(11)}m_{002}^{(20)} - 4m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(21)}\\
&+2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(20)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(10)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(10)}\\
&-4m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(21)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(20)} + 4m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(20)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(10)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(22)}m_{020}^{(10)}\\
&-2m_{000}^{(21)}(m_{100}^{(10)})^2m_{002}^{(21)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(20)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(20)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(10)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(20)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(20)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(00)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(00)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(21)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(20)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(21)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(20)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(10)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(10)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(00)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(00)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(22)}m_{011}^{(00)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(20)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(00)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(00)}\\
&-2m_{000}^{(21)}(m_{100}^{(20)})^2m_{020}^{(21)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(20)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(10)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(21)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(10)}
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&+2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(20)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(00)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(21)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(10)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(20)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(00)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(10)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(00)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(10)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(00)}\\
&+2m_{000}^{(21)}(m_{100}^{(21)})^2m_{011}^{(00)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{100}^{(22)}m_{020}^{(00)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(20)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(00)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(00)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(10)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(00)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(00)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(10)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(00)}\\
&-2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(10)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(00)} - 2m_{000}^{(21)}(m_{010}^{(00)})^2m_{002}^{(21)}\\
&+2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(20)} + 4m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(21)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(10)}\\
&-2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(20)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{101}^{(10)} + 4m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(21)}\\
&-2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(20)} - 4m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(21)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(20)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(10)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(20)}\\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(00)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(00)} - 4m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(21)}\\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(20)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(20)} + 4m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(21)}\\
&+2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(20)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(10)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(00)}\\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(20)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(10)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(00)}\\
&+2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(20)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(20)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(00)}\\
&+2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(22)}m_{200}^{(00)} - 2m_{000}^{(21)}(m_{010}^{(20)})^2m_{200}^{(21)} - 2m_{000}^{(21)}(m_{010}^{(20)})^2m_{101}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(20)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(00)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(10)}\\
&-2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(10)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(00)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(10)}\\
&-2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(00)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(00)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(10)}\\
&-2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(00)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(10)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(00)}\\
&-2m_{000}^{(21)}(m_{001}^{(00)})^2m_{020}^{(21)} + 4m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(21)} + 2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(20)}\\
&-2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{110}^{(20)} + 2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(10)} - 2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(10)}\\
&-2m_{000}^{(21)}(m_{001}^{(10)})^2m_{200}^{(21)} - 2m_{000}^{(21)}(m_{001}^{(10)})^2m_{110}^{(20)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(20)}\\
&-2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(10)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(00)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(00)} + 2m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(00)} - 2m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(00)}\\
&-2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(11)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(11)}m_{002}^{(10)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(11)}\\
&-2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(10)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(11)} - 2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(10)}\\
&-2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(11)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(10)} + m_{000}^{(22)}(m_{100}^{(10)})^2m_{002}^{(11)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(10)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(11)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(10)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(00)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(00)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(11)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(10)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(00)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(10)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(10)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(00)}\\
&+m_{000}^{(22)}(m_{100}^{(11)})^2m_{002}^{(00)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(10)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(00)}\\
&+2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(10)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(00)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(10)}
\end{aligned}
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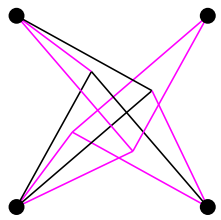
\begin{aligned}
&+2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(00)} + m_{000}^{(22)}(m_{100}^{(20)})^2m_{020}^{(11)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(11)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(10)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(10)} + m_{000}^{(22)}(m_{100}^{(21)})^2m_{020}^{(00)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(00)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(10)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(00)}\\
&+m_{000}^{(22)}(m_{010}^{(00)})^2m_{002}^{(11)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(10)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(11)}\\
&+2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(10)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(11)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(10)}\\
&+2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(11)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(10)} + m_{000}^{(22)}(m_{010}^{(10)})^2m_{002}^{(00)}\\
&+2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(10)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(00)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(11)}\\
&+2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(10)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(10)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(00)}\\
&-2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(11)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(10)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(10)}\\
&+2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(00)} - 2m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(10)} + 2m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(00)}\\
&+2m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(10)} - 2m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(00)} + m_{000}^{(22)}(m_{010}^{(20)})^2m_{200}^{(11)}\\
&-2m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(10)} + m_{000}^{(22)}(m_{010}^{(21)})^2m_{200}^{(00)} + m_{000}^{(22)}(m_{001}^{(00)})^2m_{110}^{(11)}\\
&-2m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(11)} - 2m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(10)} + 2m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{110}^{(10)}\\
&+m_{000}^{(22)}(m_{001}^{(10)})^2m_{200}^{(11)} + 2m_{000}^{(22)}(m_{001}^{(10)})^2m_{110}^{(10)} + m_{000}^{(22)}(m_{001}^{(10)})^2m_{020}^{(00)}\\
&-2m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(10)} - 2m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(00)} + m_{000}^{(22)}(m_{001}^{(11)})^2m_{200}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & 1 & 1 & V1\\
V2 & 2 & V2 & V3\\
V3 & V4 & 4 & V4
\end{array}
$$



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\begin{aligned}
T_{46} \;=\;& -2m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(22)} + 3m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(22)} + m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(21)}\\
&-m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(22)} - m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(21)} + 2m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(21)}\\
&-3m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(21)} - m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(11)} + m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(21)}\\
&+m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(22)}m_{011}^{(11)} + 2m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(22)} - m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(22)}\\
&-m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(21)} - 2m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(22)} + m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(22)}\\
&+m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(21)} - 2m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(21)} + m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(21)}\\
&+m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(11)} + 2m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(21)} - m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(21)}
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&+m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(21)}+m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{101}^{(10)}+m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(22)}\\
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&+2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(10)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(20)} - 3m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(20)}\\
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&+2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(20)} + 3m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(10)} + 3m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(00)}\\
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&+2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(21)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(21)} - m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(21)}m_{101}^{(21)}\\
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&+2m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(22)} - 3m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(22)} - m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(20)}\\
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&+2m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(22)}m_{020}^{(11)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(22)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(20)}\\
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&+2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(11)} + 3m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(10)} - 3m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(11)}\\
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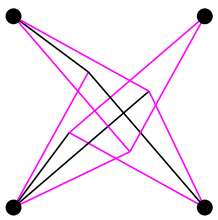
&+m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(10)} + m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}m_{110}^{(21)} + m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}m_{020}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(21)} - 3m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(20)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(11)} - m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(10)} + m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(11)}\\
&+3m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(10)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(10)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(10)} + m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(00)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(10)} - m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(00)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(00)} - 3m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(10)} - m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(10)} + 3m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(00)} - m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{011}^{(00)} + 2m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(00)} + m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{110}^{(00)} - 2m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(00)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(10)}\\
&+3m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(10)} + m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(00)} - m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(00)} + m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(10)} + m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(10)} - 3m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(00)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & 1 & V1 & 1\\
V2 & V2 & 2 & V3\\
V3 & V4 & 4 & V4
\end{array}
$$



$$
\begin{aligned}
T_{47} \;=\;& 2m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(22)} - m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(22)} - 3m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(21)}\\
&+m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(21)} + m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(11)} - 2m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(22)}\\
&+m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(22)} + 3m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(21)} - m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(21)}\\
&-m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(22)}m_{011}^{(11)} - 2m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(22)} + m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(22)}
\end{aligned}
$$

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\begin{aligned}
&+m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(21)}+2m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(20)}-m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(22)}m_{011}^{(20)}\\
&-m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(22)}m_{002}^{(10)}+2m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(22)}-m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(22)}\\
&-m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(21)}-2m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(20)}+m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(22)}m_{020}^{(20)}\\
&+m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(22)}m_{011}^{(10)}-m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(11)}m_{011}^{(22)}-m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(21)}\\
&+3m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(21)}+m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(11)}-2m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(11)}\\
&+m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(22)}+m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(21)}-3m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(21)}\\
&-m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(11)}+2m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(11)}+m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(22)}\\
&+3m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(21)}-2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(20)}-3m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(21)}\\
&-m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(11)}+2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(10)}-m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(22)}\\
&-3m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(21)}+2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(20)}+3m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(21)}\\
&+m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(11)}-2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(10)}-m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(21)}\\
&-m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(10)}m_{002}^{(11)}+m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{011}^{(20)}+m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{002}^{(10)}\\
&+2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(11)}-2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(10)}+m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(21)}\\
&+m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(11)}-m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(11)}m_{020}^{(20)}-m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(11)}m_{011}^{(10)}\\
&-2m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(11)}+2m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(10)}+2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(22)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(22)}-3m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(21)}+m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{101}^{(11)}-2m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(22)}+m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{110}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(21)}+2m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(20)}-m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(22)}m_{110}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(22)}m_{101}^{(10)}-m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(22)}-m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(21)}\\
&+3m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(21)}+m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(11)}-2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(22)}+3m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(21)}-2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(20)}\\
&-3m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(21)}-m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(11)}+2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(21)}-m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(11)}+m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(11)}m_{110}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(11)}m_{101}^{(10)}+2m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(11)}-2m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(10)}\\
&-2m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(11)}m_{002}^{(22)}+m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(22)}+3m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(21)}-m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(22)}m_{002}^{(11)}+2m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(22)}-3m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(21)}+m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(22)}m_{020}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(22)}m_{011}^{(11)}-m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(22)}+m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(22)}-m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(20)}-m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(20)}+m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(22)}-m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(22)}+m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(20)}+m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(20)}+2m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(00)}m_{002}^{(22)}-m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(22)}\\
&-3m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(20)}+m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(20)}+m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(22)}m_{002}^{(00)}\\
&-2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(22)}+m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(22)}+3m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(20)}-m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{011}^{(00)}+m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(21)}+m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(22)}+3m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(20)}\\
&-3m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(21)}-3m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(20)}-2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(10)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(11)}+2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(10)}-m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(22)}
\end{aligned}
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\begin{aligned}
&+m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(21)} - m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(22)} - 3m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(20)}\\
&+3m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(21)} + 3m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(20)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(10)}\\
&-2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(11)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(10)} - m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(22)}\\
&-3m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(21)} - m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(22)} + m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(20)}\\
&+3m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(21)} + 3m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(20)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(10)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(10)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(00)} + m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(22)}\\
&+3m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(21)} + m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(22)} - m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(20)}\\
&-3m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(21)} - 3m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(20)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(10)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(10)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(00)} + m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(00)}m_{002}^{(11)} + m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(20)} - m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{002}^{(00)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(11)}\\
&-2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(10)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(10)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(00)}m_{011}^{(11)} - m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(20)} + m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(20)} + m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{011}^{(00)}\\
&+2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(11)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(10)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(10)}\\
&-2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(00)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(22)} + m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(22)}\\
&+3m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(21)} - m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(21)} - m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{101}^{(11)}\\
&-m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(22)} + m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(21)} + m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(20)} - m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(21)} + m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(22)} - m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(22)} - 3m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(22)}m_{200}^{(20)} + m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(22)}m_{101}^{(00)} + m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(21)} + m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(22)} + 3m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(20)}\\
&-3m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(21)} - 3m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(20)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(10)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(11)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(10)} - m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(22)}\\
&-3m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(21)} - m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(22)} + m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(20)}\\
&+3m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(21)} + 3m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(20)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(10)}\\
&-2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(10)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(00)} + m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{101}^{(11)} + m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(21)} - m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(11)}m_{200}^{(20)} - m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(11)}m_{101}^{(00)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(11)}\\
&-2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(10)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(10)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(00)}\\
&+2m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(22)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(21)} - m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(21)}m_{101}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(20)} + m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(22)}m_{101}^{(21)} + m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(22)}m_{002}^{(10)}\\
&-2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(22)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(21)} + m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(21)}m_{110}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(20)} - m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(22)}m_{110}^{(21)} - m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(22)}m_{011}^{(10)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(22)} + m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(22)} + 3m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(20)} - m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(00)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(22)} - 3m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(20)} + m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(22)}m_{011}^{(00)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(21)} - m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(22)}
\end{aligned}
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\begin{aligned}
&-3m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(20)} + 3m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(20)} + m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(00)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(10)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(21)} + m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(22)}\\
&+3m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(20)} - 3m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(20)} - m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(00)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(10)} + m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(00)}m_{101}^{(22)} + m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(20)}\\
&-3m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(20)} - m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(00)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(22)} - m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(20)} + 3m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(00)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(00)} - m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{101}^{(21)}\\
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&+m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(20)} - m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(00)} - m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(00)} + m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{200}^{(11)} + m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(10)}\\
&-3m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(10)} - m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(00)} + 2m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(11)}m_{200}^{(00)}\\
&+2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(21)} - m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(11)}m_{101}^{(21)} - m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(11)}m_{011}^{(20)}\\
&-2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(11)} + m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{101}^{(11)} + m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(10)}\\
&-2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(21)} + m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(11)}m_{110}^{(21)} + m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(11)}m_{020}^{(20)}\\
&+2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(11)} - m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(21)}m_{110}^{(11)} - m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(10)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(21)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(20)} + m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(11)}\\
&+3m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(10)} - 3m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(10)} - m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(00)}
\end{aligned}
$$

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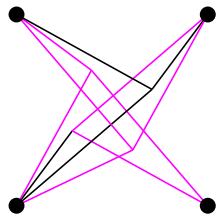
\begin{aligned}
&+2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(21)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(20)} - m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(11)}\\
&-3m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(10)} + 3m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(10)} + m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(00)}m_{101}^{(21)} + m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(00)}m_{011}^{(20)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(00)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(00)}m_{110}^{(21)} - m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(00)}m_{020}^{(20)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(10)} + m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(00)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(00)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(11)} - m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(11)} - 3m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(10)} + m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{011}^{(00)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(11)} + 3m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(10)} - m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(00)} - m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}m_{101}^{(11)} - m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(10)}\\
&+3m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(10)} + m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(00)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(11)} + m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(10)} - 3m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(00)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(00)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{200}^{(21)} - m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{110}^{(20)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(11)} + m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(10)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(21)}\\
&+2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(20)} + m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(11)} + 3m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(10)}\\
&-3m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(10)} - m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(00)} + m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{200}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{110}^{(20)} - 2m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(20)} - m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{110}^{(00)} + 2m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(00)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(11)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(11)} - 3m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(10)} + m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(00)} - m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{200}^{(11)} - m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(10)}\\
&+3m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(10)} + m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(00)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & 1 & V1 & 1\\
V2 & 2 & V2 & V3\\
V3 & 3 & V4 & V4
\end{array}
$$



$$
T_{48} = m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(22)} - 2m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(21)} + m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(11)}
$$

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\begin{aligned}
&-m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(22)}+2m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(21)}-m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(22)}m_{011}^{(11)}\\
&-m_{000}^{(00)}(m_{100}^{(11)})^2m_{002}^{(22)}+2m_{000}^{(00)}m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(22)}+2m_{000}^{(00)}m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(21)}\\
&-m_{000}^{(00)}m_{100}^{(11)}m_{100}^{(22)}m_{020}^{(22)}-m_{000}^{(00)}m_{100}^{(11)}m_{100}^{(22)}m_{002}^{(11)}+m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(22)}\\
&-m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(22)}-m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(22)}+m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(22)}\\
&-m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(22)}+2m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(22)}+m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(22)}\\
&-m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(22)}-2m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(21)}+m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(22)}m_{101}^{(11)}\\
&-m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(11)}m_{011}^{(22)}+2m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(21)}-m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(11)}\\
&+m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(22)}-2m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(21)}+m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(11)}\\
&-4m_{000}^{(00)}(m_{100}^{(21)})^2m_{011}^{(21)}+2m_{000}^{(00)}m_{100}^{(21)}m_{100}^{(22)}m_{020}^{(21)}+2m_{000}^{(00)}m_{100}^{(21)}m_{100}^{(22)}m_{011}^{(11)}\\
&-2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(21)}-m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(22)}+2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(21)}\\
&+4m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(21)}-2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(21)}-m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(11)}\\
&+2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(21)}-m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(22)}-2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(21)}\\
&-2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(21)}+4m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(21)}-m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(11)}\\
&-m_{000}^{(00)}(m_{100}^{(22)})^2m_{020}^{(11)}+m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(10)}m_{002}^{(11)}+m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{110}^{(22)}\\
&-m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(11)}-2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(21)}-m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(11)}\\
&+2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(11)}-m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(11)}+m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(11)}\\
&+m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(11)}-m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(11)}-m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(11)}m_{002}^{(22)}\\
&+2m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(21)}-m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(22)}m_{002}^{(11)}+m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(22)}\\
&-2m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(21)}+m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(22)}m_{011}^{(11)}-m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(22)}\\
&+2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(21)}-m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{101}^{(11)}+2m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(22)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(22)}m_{200}^{(22)}+m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{011}^{(22)}-m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(22)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{110}^{(22)}+m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(22)}-4m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(21)}\\
&+2m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(11)}-m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(22)}+2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(11)}+2m_{000}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(21)}-2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(21)}\\
&+2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(21)}+m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(22)}+2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(21)}\\
&-4m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(21)}+m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(11)}-m_{000}^{(00)}(m_{010}^{(22)})^2m_{200}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(11)}-m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(11)}-m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(11)}-m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(11)}m_{020}^{(22)}+2m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(11)}+2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(22)}-4m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(21)}\\
&+2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(11)}-m_{000}^{(00)}(m_{001}^{(11)})^2m_{200}^{(22)}+2m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{200}^{(11)}+2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(22)}-4m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(22)}-4m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(22)}+2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(21)}+2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(22)}+2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(20)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(22)}-2m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(22)}+4m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(22)}-2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(22)}-2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(22)}-2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(20)}+2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(22)}m_{011}^{(10)}\\
&-2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(21)}-2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(20)}+2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{002}^{(10)}\\
&-2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(22)}+2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(21)}+2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(20)}
\end{aligned}
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\begin{aligned}
&-2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{101}^{(10)} + 4m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(21)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(22)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(21)} - 4m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(21)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(20)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(10)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(22)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(21)} + 4m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(21)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(20)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(10)} + 4m_{000}^{(10)}(m_{100}^{(21)})^2m_{011}^{(20)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{020}^{(20)} - 4m_{000}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{011}^{(10)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(20)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(21)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(20)}\\
&-4m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(20)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(20)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(10)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(22)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(20)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(20)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(21)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(20)} - 4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(20)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(10)} + 2m_{000}^{(10)}(m_{100}^{(22)})^2m_{020}^{(10)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{002}^{(10)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(21)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(10)}\\
&+2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(20)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(10)} - 4m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(10)}\\
&+2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(10)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(10)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(10)}\\
&+2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(10)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(22)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(21)}\\
&-2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(20)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{002}^{(10)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(22)}\\
&+2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(21)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(20)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{011}^{(10)}\\
&-4m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(22)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(22)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(22)}\\
&+4m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(22)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(22)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(21)}\\
&-2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(22)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(20)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{101}^{(10)}\\
&+4m_{000}^{(10)}(m_{010}^{(20)})^2m_{101}^{(21)} + 4m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(20)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(21)}\\
&-4m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(10)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(21)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(21)} - 4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(21)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(21)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(20)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(10)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(20)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(22)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(21)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(20)} + 4m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(20)}\\
&-2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(10)} + 2m_{000}^{(10)}(m_{010}^{(22)})^2m_{200}^{(10)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(10)}\\
&+2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(10)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(10)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(10)}\\
&+2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(22)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(21)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(20)}\\
&+2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(10)} - 4m_{000}^{(10)}(m_{001}^{(10)})^2m_{110}^{(22)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(22)}\\
&+4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(21)} + 4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(20)} - 4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(10)}\\
&-2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(21)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(20)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{200}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(11)}m_{002}^{(22)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(21)}m_{011}^{(22)} - m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(22)}m_{020}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(22)} - m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(22)} - m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(21)}m_{101}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(22)}m_{110}^{(22)} - m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(22)} + m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(21)}m_{101}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(22)} - m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(21)}m_{110}^{(22)} + m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(22)}\\
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&+2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(20)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(11)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(10)}\\
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&+2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(11)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(10)} - 4m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(10)}\\
&+2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(21)} - 2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{110}^{(20)} - 2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(10)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(21)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(11)}m_{002}^{(20)}\\
&+2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(11)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(10)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(20)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(11)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(10)}\\
&+4m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(21)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(21)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(21)}\\
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&+2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(11)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(21)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(10)}\\
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&+2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(20)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{110}^{(20)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(20)}\\
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&-2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{110}^{(21)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(20)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(00)} + 2m_{000}^{(21)}(m_{010}^{(00)})^2m_{002}^{(21)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(20)}\\
&-4m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(21)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(10)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(00)}\\
&+2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{200}^{(21)} - 4m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(21)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(21)}\\
&+2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(20)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(21)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(10)}\\
&-2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(21)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(00)} + 4m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(20)}\\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(20)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(21)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(20)}\\
&-4m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(20)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(20)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(20)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(00)} + 4m_{000}^{(21)}(m_{010}^{(20)})^2m_{101}^{(10)}\\
&-4m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(00)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(10)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(21)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(10)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(20)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(10)}\\
&-4m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(10)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(10)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(00)}\\
&+2m_{000}^{(21)}m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(00)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{200}^{(21)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(00)}\\
&+2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(20)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(00)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(00)} - 4m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(00)} + 2m_{000}^{(21)}(m_{001}^{(00)})^2m_{020}^{(21)}\\
&-4m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(21)} - 2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(20)} + 2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{200}^{(21)}\\
&-2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(10)} + 2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(00)} + 4m_{000}^{(21)}(m_{001}^{(10)})^2m_{110}^{(20)}\\
&-2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(20)} + 4m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(10)} - 4m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(00)}\\
&-2m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(10)} + 2m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(00)} - m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(11)}m_{002}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)}m_{011}^{(11)} - m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(22)}m_{020}^{(11)} + m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(11)} - m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{101}^{(11)} + m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(22)}m_{110}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(11)} + m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(11)}m_{101}^{(11)} + m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(21)}m_{110}^{(11)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(10)} - 4m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(10)} + m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(11)} - 4m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(00)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(10)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(10)}
\end{aligned}
$$

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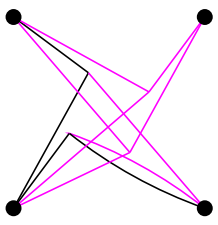
\begin{aligned}
&-2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(10)} - m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(11)} + 4m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(10)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(10)} - m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(00)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(10)} - m_{000}^{(22)}(m_{100}^{(11)})^2m_{002}^{(00)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(22)}m_{020}^{(00)} + m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(00)} - m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(00)} + m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(00)} + m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(11)}\\
&-2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(00)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(00)} - m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(00)} - m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(10)} - m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{011}^{(00)} + m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(11)}\\
&-2m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(10)} + m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(00)} - m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}m_{101}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(10)} - m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(00)} - m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(10)} - m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(00)} + m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(00)}m_{110}^{(11)}\\
&-2m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(10)} + m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(11)}m_{110}^{(00)} - m_{000}^{(22)}(m_{010}^{(00)})^2m_{002}^{(11)}\\
&+2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(10)} - m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{002}^{(00)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(11)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(22)}m_{200}^{(11)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(11)} - m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(11)}\\
&-2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(10)} + m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(00)} - m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(11)} - 4m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(10)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(11)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(10)} + 4m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(00)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(10)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(10)}\\
&+2m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(00)} - m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(22)}m_{200}^{(00)} + m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{011}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(00)} - m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{110}^{(00)} + m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(11)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{200}^{(11)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(10)} + m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(00)}\\
&-m_{000}^{(22)}(m_{001}^{(00)})^2m_{020}^{(11)} + 2m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(11)} + 2m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(10)}\\
&-m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{200}^{(11)} - m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{020}^{(00)} - 4m_{000}^{(22)}(m_{001}^{(10)})^2m_{110}^{(10)}\\
&+2m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(10)} + 2m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(00)} - m_{000}^{(22)}(m_{001}^{(11)})^2m_{200}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & V1 & 1 & 1\\
V2 & V2 & 2 & V4\\
V3 & V3 & V4 & 4
\end{array}
$$



$$
\begin{aligned}
T_{49} \;=\;& -m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(11)} m_{002}^{(22)} + m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(21)} m_{011}^{(22)} + m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(21)} m_{002}^{(21)} \\
& - m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(22)} m_{011}^{(21)} + m_{000}^{(00)} m_{100}^{(10)} m_{011}^{(11)} m_{001}^{(22)} - m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(21)} m_{020}^{(22)} \\
& - m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(21)} m_{011}^{(21)} + m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(22)} m_{020}^{(21)} + m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(10)} m_{002}^{(22)} \\
& - m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(20)} m_{011}^{(22)} - m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(21)} m_{002}^{(20)} + m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(22)} m_{011}^{(20)} \\
& - m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(10)} m_{011}^{(22)} + m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(20)} m_{020}^{(22)} + m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(21)} m_{011}^{(20)} \\
& - m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(22)} m_{020}^{(20)} + m_{000}^{(00)} m_{100}^{(20)} m_{010}^{(11)} m_{002}^{(21)} - m_{000}^{(00)} m_{100}^{(20)} m_{010}^{(21)} m_{011}^{(21)} \\
& - m_{000}^{(00)} m_{100}^{(20)} m_{010}^{(21)} m_{002}^{(11)} + m_{000}^{(00)} m_{100}^{(20)} m_{010}^{(11)} m_{011}^{(21)} - m_{000}^{(00)} m_{100}^{(20)} m_{001}^{(11)} m_{011}^{(21)} \\
& + m_{000}^{(00)} m_{100}^{(20)} m_{001}^{(21)} m_{020}^{(21)} + m_{000}^{(00)} m_{100}^{(20)} m_{001}^{(21)} m_{011}^{(11)} - m_{000}^{(00)} m_{100}^{(20)} m_{001}^{(22)} m_{020}^{(11)} \\
& - 2m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(10)} m_{002}^{(21)} + m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(11)} m_{002}^{(20)} + 2m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(20)} m_{011}^{(21)} \\
& - m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(21)} m_{011}^{(20)} + m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(21)} m_{002}^{(10)} - m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(22)} m_{011}^{(10)} \\
& + 2m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(10)} m_{011}^{(21)} - m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(11)} m_{011}^{(20)} - 2m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(20)} m_{020}^{(21)} \\
& + m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(21)} m_{020}^{(20)} - m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(21)} m_{011}^{(10)} + m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(22)} m_{020}^{(10)} \\
& + m_{000}^{(00)} m_{100}^{(22)} m_{010}^{(10)} m_{002}^{(11)} - m_{000}^{(00)} m_{100}^{(22)} m_{010}^{(11)} m_{002}^{(10)} - m_{000}^{(00)} m_{100}^{(22)} m_{010}^{(20)} m_{011}^{(11)} \\
& + m_{000}^{(00)} m_{100}^{(22)} m_{010}^{(21)} m_{011}^{(10)} - m_{000}^{(00)} m_{100}^{(22)} m_{010}^{(10)} m_{011}^{(11)} + m_{000}^{(00)} m_{100}^{(22)} m_{001}^{(11)} m_{011}^{(10)} \\
& + m_{000}^{(00)} m_{100}^{(22)} m_{001}^{(20)} m_{020}^{(11)} - m_{000}^{(00)} m_{100}^{(22)} m_{001}^{(21)} m_{020}^{(10)} + m_{000}^{(00)} m_{010}^{(00)} m_{010}^{(11)} m_{002}^{(22)} \\
& - m_{000}^{(00)} m_{010}^{(00)} m_{010}^{(21)} m_{011}^{(22)} - m_{000}^{(00)} m_{010}^{(00)} m_{010}^{(21)} m_{002}^{(21)} + m_{000}^{(00)} m_{010}^{(00)} m_{010}^{(22)} m_{011}^{(21)} \\
& - m_{000}^{(00)} m_{010}^{(00)} m_{001}^{(11)} m_{011}^{(22)} + m_{000}^{(00)} m_{010}^{(00)} m_{001}^{(21)} m_{020}^{(22)} + m_{000}^{(00)} m_{010}^{(00)} m_{001}^{(21)} m_{011}^{(21)} \\
& - m_{000}^{(00)} m_{010}^{(00)} m_{001}^{(22)} m_{020}^{(21)} - m_{000}^{(00)} (m_{010}^{(10)})^2 m_{002}^{(22)} + m_{000}^{(00)} m_{010}^{(10)} m_{010}^{(10)} m_{011}^{(22)} \\
& + m_{000}^{(00)} m_{010}^{(10)} m_{010}^{(20)} m_{002}^{(21)} + 2m_{000}^{(00)} m_{010}^{(10)} m_{010}^{(21)} m_{002}^{(20)} - m_{000}^{(00)} m_{010}^{(10)} m_{010}^{(22)} m_{011}^{(20)} \\
& - m_{000}^{(00)} m_{010}^{(10)} m_{010}^{(22)} m_{002}^{(10)} + m_{000}^{(00)} m_{010}^{(10)} m_{001}^{(10)} m_{011}^{(22)} + m_{000}^{(00)} m_{010}^{(10)} m_{001}^{(10)} m_{002}^{(21)} \\
& - m_{000}^{(00)} m_{010}^{(10)} m_{001}^{(11)} m_{002}^{(20)} - m_{000}^{(00)} m_{010}^{(10)} m_{001}^{(20)} m_{020}^{(22)} - m_{000}^{(00)} m_{010}^{(10)} m_{001}^{(20)} m_{002}^{(11)} \\
& - m_{000}^{(00)} m_{010}^{(10)} m_{001}^{(21)} m_{011}^{(20)} + m_{000}^{(00)} m_{010}^{(10)} m_{001}^{(21)} m_{002}^{(10)} + m_{000}^{(00)} m_{010}^{(10)} m_{001}^{(22)} m_{020}^{(20)} \\
& - 2m_{000}^{(00)} m_{010}^{(11)} m_{010}^{(20)} m_{002}^{(20)} + m_{000}^{(00)} m_{010}^{(11)} m_{010}^{(22)} m_{002}^{(00)} - m_{000}^{(00)} m_{010}^{(11)} m_{001}^{(00)} m_{002}^{(21)} \\
& + m_{000}^{(00)} m_{010}^{(11)} m_{001}^{(10)} m_{002}^{(20)} + m_{000}^{(00)} m_{010}^{(11)} m_{001}^{(20)} m_{002}^{(10)} - m_{000}^{(00)} m_{010}^{(11)} m_{001}^{(21)} m_{002}^{(00)} \\
& - m_{000}^{(00)} (m_{010}^{(20)})^2 m_{011}^{(21)} + m_{000}^{(00)} m_{010}^{(20)} m_{010}^{(21)} m_{011}^{(20)} + m_{000}^{(00)} m_{010}^{(20)} m_{010}^{(21)} m_{002}^{(10)} \\
& - 2m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(10)} m_{011}^{(21)} + 3m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(11)} m_{011}^{(20)} + m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(20)} m_{020}^{(21)} \\
& + m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(20)} m_{011}^{(11)} - 2m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(21)} m_{020}^{(20)} - 2m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(21)} m_{011}^{(10)} \\
& + m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(22)} m_{020}^{(10)} - m_{000}^{(00)} (m_{010}^{(21)})^2 m_{002}^{(00)} + m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(00)} m_{011}^{(21)} \\
& + m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(00)} m_{002}^{(11)} - 2m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(10)} m_{011}^{(20)} - 2m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(10)} m_{002}^{(10)} \\
& + m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(11)} m_{002}^{(00)} + m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(20)} m_{020}^{(20)} - m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(20)} m_{011}^{(10)} \\
& + 2m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(21)} m_{011}^{(00)} - m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(22)} m_{020}^{(00)} - m_{000}^{(00)} m_{010}^{(22)} m_{001}^{(00)} m_{011}^{(11)} \\
& + 3m_{000}^{(00)} m_{010}^{(22)} m_{001}^{(10)} m_{011}^{(10)} - 2m_{000}^{(00)} m_{010}^{(22)} m_{001}^{(11)} m_{011}^{(00)} - m_{000}^{(00)} m_{010}^{(22)} m_{001}^{(20)} m_{020}^{(10)} \\
& + m_{000}^{(00)} m_{010}^{(22)} m_{001}^{(21)} m_{020}^{(00)} + m_{000}^{(00)} m_{001}^{(00)} m_{001}^{(11)} m_{011}^{(21)} - m_{000}^{(00)} m_{001}^{(00)} m_{001}^{(21)} m_{020}^{(21)} \\
& - m_{000}^{(00)} m_{001}^{(00)} m_{001}^{(21)} m_{011}^{(11)} + m_{000}^{(00)} m_{001}^{(00)} m_{001}^{(22)} m_{020}^{(11)} - m_{000}^{(00)} (m_{001}^{(10)})^2 m_{011}^{(21)} \\
& + m_{000}^{(00)} m_{001}^{(10)} m_{001}^{(20)} m_{020}^{(21)} + m_{000}^{(00)} m_{001}^{(10)} m_{001}^{(20)} m_{011}^{(11)} + m_{000}^{(00)} m_{001}^{(10)} m_{001}^{(21)} m_{020}^{(20)} \\
& + m_{000}^{(00)} m_{001}^{(10)} m_{001}^{(21)} m_{011}^{(10)} - 2m_{000}^{(00)} m_{001}^{(10)} m_{001}^{(22)} m_{020}^{(10)} - m_{000}^{(00)} m_{001}^{(11)} m_{001}^{(20)} m_{020}^{(20)} \\
& - m_{000}^{(00)} m_{001}^{(11)} m_{001}^{(20)} m_{011}^{(10)} + m_{000}^{(00)} m_{001}^{(11)} m_{001}^{(22)} m_{020}^{(00)} - m_{000}^{(00)} (m_{001}^{(20)})^2 m_{020}^{(11)} \\
& + 2m_{000}^{(00)} m_{001}^{(20)} m_{001}^{(21)} m_{020}^{(10)} - m_{000}^{(00)} (m_{001}^{(21)})^2 m_{020}^{(00)} - m_{000}^{(10)} m_{100}^{(10)} m_{100}^{(21)} m_{011}^{(22)}
\end{aligned}
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\begin{aligned}
&+m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(21)}+m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(21)}-m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(11)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(22)}-2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(21)}-m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(20)}+m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(21)}+m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(22)}-m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(21)}-m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(20)}+m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(21)}+m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(11)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(22)}+m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(21)}-m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(10)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(21)}+m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(22)}-m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{011}^{(20)}+m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{002}^{(10)}-2m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(00)}m_{002}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(22)}+3m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(20)}-m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(22)}m_{002}^{(00)}+m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(22)}+m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(22)}-m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(20)}-2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(20)}-m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(10)}-m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(20)}\\
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&+m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(21)}+m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(11)}+m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(21)}\\
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&+m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(11)}-3m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(10)}-m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(10)}\\
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&-m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(22)}+m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(21)}-m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(22)}\\
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&+2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(10)}-3m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(20)}-m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(00)}\\
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&-2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(21)}-2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(10)}+m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(20)}
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&+m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(00)}+2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(20)}m_{101}^{(11)}+m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(21)}\\
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&+3m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(21)}-2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(20)}-2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(21)}\\
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&+m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(11)}-2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(22)}+2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(22)}\\
&+2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(21)}-m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(22)}-2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(21)}\\
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&+m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(21)}+m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(10)}-m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(20)}m_{020}^{(22)}\\
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&-2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(21)} + m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(21)} + m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(20)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(11)} - m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(11)} - m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(10)}\\
&-m_{000}^{(20)}(m_{100}^{(21)})^2m_{020}^{(20)} + m_{000}^{(20)}(m_{100}^{(21)})^2m_{011}^{(10)} - m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(00)}m_{020}^{(22)}\\
&-3m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(21)} + 4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(21)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(20)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(20)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(21)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(20)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(10)} + m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(20)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(00)} + m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(10)} - m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(00)}\\
&+3m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(21)} + m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(11)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(20)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(10)} + m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(00)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(10)} + m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(00)} + m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(21)} + m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(11)}\\
&-2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(11)} - m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{020}^{(20)} - m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(10)}\\
&+2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(10)} + m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(11)} - m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(10)} + m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(00)} - 2m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(11)} + 3m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(10)} - m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(11)}m_{020}^{(00)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(11)}m_{101}^{(22)} + m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(22)}\\
&+2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(21)} + m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(20)} - m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(10)} - m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(22)} + m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(11)}m_{110}^{(22)} - m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(20)} + m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(11)} - m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(21)} + m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(10)}\\
&+2m_{000}^{(20)}(m_{010}^{(10)})^2m_{101}^{(22)} - m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(22)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(20)} - 4m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(20)} + m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(20)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(10)} + m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(00)} + m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(00)}m_{020}^{(22)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(21)} - m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(22)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(20)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(20)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(11)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(20)} + m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(10)} + m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(20)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(10)} - m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(00)} + 4m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(20)}\\
&-2m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{101}^{(00)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(21)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(20)}\\
&-2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(10)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(00)} + m_{000}^{(20)}(m_{010}^{(20)})^2m_{110}^{(21)}\\
&+m_{000}^{(20)}(m_{010}^{(20)})^2m_{011}^{(10)} - m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(20)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(00)} - m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(21)} + m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(11)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(21)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(20)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(10)}\\
&-3m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(20)} + m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(00)} - m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(11)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(10)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(10)} + 2m_{000}^{(20)}(m_{010}^{(21)})^2m_{101}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(21)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(11)} - m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(20)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(20)} + 4m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(10)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(10)} + m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(00)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(11)} + m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(10)} - 3m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(10)}
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&-m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{020}^{(00)} + 2m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(11)}m_{110}^{(00)} - m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{110}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{020}^{(20)} + m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(11)} - m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(10)}\\
&+m_{000}^{(20)}(m_{001}^{(10)})^2m_{110}^{(21)} - m_{000}^{(20)}(m_{001}^{(10)})^2m_{020}^{(20)} - m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(10)} - m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(10)} + m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(10)} - m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{020}^{(00)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(11)}m_{011}^{(22)}\\
&+4m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(21)}m_{011}^{(21)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(22)}m_{011}^{(11)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(21)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(20)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(21)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(20)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(10)} + 2m_{000}^{(21)}(m_{100}^{(10)})^2m_{011}^{(22)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(22)} - m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(21)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(21)} + m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(11)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(22)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(22)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(21)}\\
&+4m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(20)} + m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(22)} + m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(21)} - m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(10)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(21)} - m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(22)} + m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(20)} + m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(22)} - m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(21)} - m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(11)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(21)} + m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(10)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(22)} + m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(21)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(20)} - m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(10)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(00)}m_{101}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(20)}m_{200}^{(22)} - 3m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(20)} + m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(00)} + m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(00)}m_{110}^{(22)} - m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(22)} + m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(20)} - m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(10)} + m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(20)} - m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(00)}\\
&+2m_{000}^{(21)}(m_{100}^{(20)})^2m_{011}^{(11)} - m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(21)} - m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(10)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(21)} - m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(21)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(20)} + m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(11)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(10)} - m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(20)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(00)} + m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(10)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(11)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(21)}\\
&+4m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(10)} - m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(21)} - m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(00)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(11)} + m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(10)} + m_{000}^{(21)}(m_{100}^{(21)})^2m_{110}^{(20)} + m_{000}^{(21)}(m_{100}^{(21)})^2m_{101}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(00)}m_{110}^{(22)} - 3m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(00)}m_{101}^{(21)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(21)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(20)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(20)} - m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(00)} - m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(00)} - 3m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(21)} + m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(21)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(20)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(10)}
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&-m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(20)} + m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(00)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(10)} - m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(00)} - m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{110}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{101}^{(11)} + m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(20)} - m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{200}^{(11)} + m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(00)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(00)}m_{110}^{(11)} - m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(11)}\\
&-3m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{200}^{(22)} + m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(20)} + m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{200}^{(21)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{101}^{(10)} + m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(22)} + m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(21)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(11)}m_{200}^{(22)} - m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(20)} - m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(21)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(11)} + m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(21)} + m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(22)} - m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(20)} - m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(00)} - m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(22)} - m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(21)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(22)} + m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(20)} + m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(10)} - m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(20)} - m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(00)}\\
&-m_{000}^{(21)}(m_{010}^{(20)})^2m_{200}^{(21)} + m_{000}^{(21)}(m_{010}^{(20)})^2m_{101}^{(10)} + m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(00)} + m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(21)} + m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(11)}\\
&-2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(21)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(20)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(10)}\\
&+3m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(20)} + m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(00)} + m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(11)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(10)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(10)} + m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{200}^{(21)}\\
&+m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(20)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(20)} - m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(00)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(00)} - m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{200}^{(11)}\\
&-m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(10)} + 3m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(10)} + m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(00)}\\
&-2m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(11)}m_{200}^{(00)} + m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(20)} - m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{200}^{(11)} + m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(10)} - m_{000}^{(21)}(m_{001}^{(10)})^2m_{200}^{(21)}\\
&+m_{000}^{(21)}(m_{001}^{(10)})^2m_{110}^{(20)} + m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(11)} - m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(10)} - m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(00)} - m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(00)} + m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(11)}m_{020}^{(22)} - 2m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)}m_{020}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(22)}m_{020}^{(11)} - m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(10)} + m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{020}^{(20)} - m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(10)} + m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(11)}m_{020}^{(20)} - m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(11)} + m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(10)}\\
&-m_{000}^{(22)}(m_{100}^{(10)})^2m_{020}^{(22)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(21)} + m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(20)} - m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(11)} - m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(00)}m_{020}^{(22)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(10)}m_{110}^{(22)} - m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}m_{200}^{(22)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(21)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(20)} + m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(20)} + m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(10)} + m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(21)} + m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(20)} + m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(11)} + m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(10)} - m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(00)} - m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(21)}
\end{aligned}
$$

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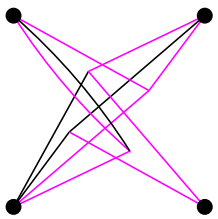
\begin{aligned}
&-m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{020}^{(20)} + m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(10)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(00)}m_{110}^{(22)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(10)}m_{200}^{(22)} + 3m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(20)} - m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(00)} + m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(00)}m_{110}^{(21)} - m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(10)} + m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(00)} - m_{000}^{(22)}(m_{100}^{(20)})^2m_{020}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(11)} + m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(10)} - m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(21)} + m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(20)} + m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(11)} + m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(10)} - m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(00)} + m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(11)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(00)} - m_{000}^{(22)}(m_{100}^{(21)})^2m_{110}^{(10)} + 3m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}m_{110}^{(21)}\\
&-2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(21)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(20)} + m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(20)}\\
&-2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(10)} + m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(10)} + m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(11)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(10)} - m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(00)}m_{110}^{(11)} + m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(11)} + m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(10)} + m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{200}^{(22)} - m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{200}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(20)} + m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(10)} - m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{110}^{(20)} + m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(11)} - m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(10)}\\
&-m_{000}^{(22)}(m_{010}^{(10)})^2m_{200}^{(22)} + m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(21)} + m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(20)}\\
&+2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(20)} - m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(10)} - m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(21)} + m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(21)} - m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(20)} - m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(11)} - m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(10)} + m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(00)} - 2m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(22)}m_{200}^{(00)} - m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{200}^{(21)} + m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(10)} - m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(00)} - m_{000}^{(22)}(m_{010}^{(20)})^2m_{110}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(10)} + m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(00)} - m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(11)}\\
&+2m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(00)} - m_{000}^{(22)}(m_{010}^{(21)})^2m_{200}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{200}^{(11)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(10)} + m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & V1 & 1 & 1\\
V2 & V2 & V3 & 3\\
2 & V3 & V4 & V4
\end{array}
$$



$$
\begin{aligned}
T_{50} \;=\;& m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(11)} m_{002}^{(22)} - m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(21)} m_{011}^{(22)} - m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(21)} m_{002}^{(21)} \\
&+ m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(22)} m_{011}^{(21)} - m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(11)} m_{002}^{(21)} + m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(21)} m_{011}^{(21)} \\
&+ m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(21)} m_{002}^{(11)} - m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(22)} m_{011}^{(11)} - m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(10)} m_{002}^{(22)} \\
&+ m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(20)} m_{002}^{(21)} + m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(21)} m_{101}^{(22)} - m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(22)} m_{101}^{(21)} \\
&+ m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(10)} m_{002}^{(21)} - m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(20)} m_{002}^{(11)} - m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(21)} m_{101}^{(21)} \\
&+ m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(22)} m_{101}^{(11)} - m_{000}^{(00)} m_{100}^{(20)} m_{010}^{(11)} m_{011}^{(22)} + m_{000}^{(00)} m_{100}^{(20)} m_{010}^{(21)} m_{020}^{(22)} \\
&+ m_{000}^{(00)} m_{100}^{(20)} m_{010}^{(21)} m_{011}^{(21)} - m_{000}^{(00)} m_{100}^{(20)} m_{010}^{(22)} m_{020}^{(21)} + m_{000}^{(00)} m_{100}^{(20)} m_{001}^{(11)} m_{011}^{(21)} \\
&- m_{000}^{(00)} m_{100}^{(20)} m_{001}^{(21)} m_{020}^{(21)} - m_{000}^{(00)} m_{100}^{(20)} m_{001}^{(21)} m_{011}^{(11)} + m_{000}^{(00)} m_{100}^{(20)} m_{001}^{(22)} m_{020}^{(11)} \\
&+ 2m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(10)} m_{011}^{(22)} - m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(11)} m_{101}^{(22)} - 2m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(20)} m_{011}^{(21)} \\
&- m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(21)} m_{110}^{(22)} + m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(21)} m_{101}^{(21)} + m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(22)} m_{110}^{(21)} \\
&- 2m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(10)} m_{011}^{(21)} + m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(11)} m_{101}^{(21)} + 2m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(20)} m_{011}^{(11)} \\
&+ m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(21)} m_{110}^{(21)} - m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(21)} m_{101}^{(11)} - m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(22)} m_{110}^{(11)} \\
&- m_{000}^{(00)} m_{100}^{(22)} m_{010}^{(10)} m_{020}^{(22)} + m_{000}^{(00)} m_{100}^{(22)} m_{010}^{(11)} m_{110}^{(22)} + m_{000}^{(00)} m_{100}^{(22)} m_{010}^{(20)} m_{020}^{(21)} \\
&- m_{000}^{(00)} m_{100}^{(22)} m_{010}^{(21)} m_{110}^{(21)} + m_{000}^{(00)} m_{100}^{(22)} m_{001}^{(10)} m_{020}^{(21)} - m_{000}^{(00)} m_{100}^{(22)} m_{001}^{(11)} m_{110}^{(21)} \\
&- m_{000}^{(00)} m_{100}^{(22)} m_{001}^{(20)} m_{020}^{(11)} + m_{000}^{(00)} m_{100}^{(22)} m_{001}^{(21)} m_{110}^{(11)} - m_{000}^{(00)} m_{010}^{(00)} m_{010}^{(11)} m_{002}^{(22)} \\
&+ m_{000}^{(00)} m_{010}^{(00)} m_{010}^{(21)} m_{011}^{(22)} + m_{000}^{(00)} m_{010}^{(00)} m_{010}^{(21)} m_{002}^{(21)} - m_{000}^{(00)} m_{010}^{(00)} m_{010}^{(22)} m_{011}^{(21)} \\
&+ m_{000}^{(00)} m_{010}^{(00)} m_{001}^{(11)} m_{002}^{(21)} - m_{000}^{(00)} m_{010}^{(00)} m_{001}^{(21)} m_{011}^{(21)} - m_{000}^{(00)} m_{010}^{(00)} m_{001}^{(21)} m_{002}^{(11)} \\
&+ m_{000}^{(00)} m_{010}^{(00)} m_{001}^{(22)} m_{011}^{(11)} + m_{000}^{(00)} (m_{010}^{(10)})^2 m_{002}^{(22)} - m_{000}^{(00)} m_{010}^{(10)} m_{010}^{(20)} m_{011}^{(22)} \\
&- m_{000}^{(00)} m_{010}^{(10)} m_{010}^{(20)} m_{002}^{(21)} - 2m_{000}^{(00)} m_{010}^{(10)} m_{010}^{(21)} m_{101}^{(22)} + m_{000}^{(00)} m_{010}^{(10)} m_{010}^{(22)} m_{110}^{(22)} \\
&+ m_{000}^{(00)} m_{010}^{(10)} m_{010}^{(22)} m_{101}^{(21)} - m_{000}^{(00)} m_{010}^{(10)} m_{001}^{(22)} m_{011}^{(22)} - m_{000}^{(00)} m_{010}^{(10)} m_{001}^{(10)} m_{002}^{(21)} \\
&+ m_{000}^{(00)} m_{010}^{(10)} m_{001}^{(11)} m_{101}^{(22)} + m_{000}^{(00)} m_{010}^{(10)} m_{001}^{(20)} m_{020}^{(22)} + m_{000}^{(00)} m_{010}^{(10)} m_{001}^{(20)} m_{002}^{(11)} \\
&- m_{000}^{(00)} m_{010}^{(10)} m_{001}^{(21)} m_{110}^{(22)} + m_{000}^{(00)} m_{010}^{(10)} m_{001}^{(21)} m_{101}^{(21)} - m_{000}^{(00)} m_{010}^{(10)} m_{001}^{(22)} m_{101}^{(11)} \\
&+ 2m_{000}^{(00)} m_{010}^{(11)} m_{010}^{(20)} m_{101}^{(22)} - m_{000}^{(00)} m_{010}^{(11)} m_{010}^{(22)} m_{200}^{(22)} + m_{000}^{(00)} m_{010}^{(11)} m_{001}^{(00)} m_{011}^{(22)} \\
&- m_{000}^{(00)} m_{010}^{(11)} m_{001}^{(10)} m_{101}^{(22)} - m_{000}^{(00)} m_{010}^{(11)} m_{001}^{(20)} m_{110}^{(22)} + m_{000}^{(00)} m_{010}^{(11)} m_{001}^{(21)} m_{200}^{(22)} \\
&+ m_{000}^{(00)} (m_{010}^{(20)})^2 m_{011}^{(21)} - m_{000}^{(00)} m_{010}^{(20)} m_{010}^{(21)} m_{110}^{(22)} - m_{000}^{(00)} m_{010}^{(20)} m_{010}^{(21)} m_{101}^{(21)} \\
&+ 2m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(10)} m_{011}^{(21)} - 3m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(11)} m_{101}^{(21)} - m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(20)} m_{020}^{(21)} \\
&- m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(20)} m_{011}^{(11)} + 2m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(21)} m_{110}^{(21)} + 2m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(20)} m_{101}^{(11)} \\
&- m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(22)} m_{110}^{(11)} + m_{000}^{(00)} (m_{010}^{(21)})^2 m_{200}^{(22)} - m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(00)} m_{020}^{(22)} \\
&- m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(00)} m_{011}^{(21)} + 2m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(10)} m_{110}^{(22)} + 2m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(10)} m_{101}^{(21)} \\
&- m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(11)} m_{200}^{(22)} + m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(20)} m_{110}^{(21)} - m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(20)} m_{101}^{(11)} \\
&- 2m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(21)} m_{200}^{(21)} + m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(22)} m_{200}^{(11)} + m_{000}^{(00)} m_{010}^{(22)} m_{001}^{(00)} m_{020}^{(21)} \\
&- 3m_{000}^{(00)} m_{010}^{(22)} m_{001}^{(10)} m_{110}^{(21)} + 2m_{000}^{(00)} m_{010}^{(22)} m_{001}^{(11)} m_{200}^{(21)} + m_{000}^{(00)} m_{010}^{(22)} m_{001}^{(20)} m_{110}^{(11)} \\
&- m_{000}^{(00)} m_{010}^{(22)} m_{001}^{(21)} m_{200}^{(11)} - m_{000}^{(00)} m_{001}^{(00)} m_{001}^{(11)} m_{011}^{(21)} + m_{000}^{(00)} m_{001}^{(00)} m_{001}^{(21)} m_{020}^{(21)} \\
&+ m_{000}^{(00)} m_{001}^{(00)} m_{001}^{(21)} m_{011}^{(11)} - m_{000}^{(00)} m_{001}^{(00)} m_{001}^{(22)} m_{020}^{(11)} + m_{000}^{(00)} (m_{001}^{(10)})^2 m_{011}^{(21)} \\
&- m_{000}^{(00)} m_{001}^{(10)} m_{001}^{(20)} m_{020}^{(21)} - m_{000}^{(00)} m_{001}^{(10)} m_{001}^{(20)} m_{011}^{(11)} - m_{000}^{(00)} m_{001}^{(10)} m_{001}^{(21)} m_{110}^{(21)} \\
&- m_{000}^{(00)} m_{001}^{(10)} m_{001}^{(21)} m_{101}^{(11)} + 2m_{000}^{(00)} m_{001}^{(10)} m_{001}^{(22)} m_{110}^{(11)} + m_{000}^{(00)} m_{001}^{(11)} m_{001}^{(20)} m_{110}^{(21)} \\
&+ m_{000}^{(00)} m_{001}^{(11)} m_{001}^{(20)} m_{101}^{(11)} - m_{000}^{(00)} m_{001}^{(11)} m_{001}^{(22)} m_{200}^{(11)} + m_{000}^{(00)} (m_{001}^{(20)})^2 m_{020}^{(11)} \\
&- 2m_{000}^{(00)} m_{001}^{(20)} m_{001}^{(21)} m_{110}^{(11)} + m_{000}^{(00)} (m_{001}^{(21)})^2 m_{200}^{(11)} - m_{000}^{(10)} m_{100}^{(10)} m_{100}^{(21)} m_{011}^{(22)}
\end{aligned}
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\begin{aligned}
&+m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(21)}+m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(22)}-m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(22)}+2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(22)}+m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(20)}-m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(22)}-m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(22)}+m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(21)}-m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(20)}-m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(22)}-m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(22)}-m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(20)}-2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(10)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(22)}m_{011}^{(10)}+m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(22)}-m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(22)}+m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(21)}+2m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(00)}m_{002}^{(22)}\\
&-3m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(22)}-m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(20)}+m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(20)}-m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(22)}-m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(22)}-m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(20)}+m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(21)}+2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(10)}-m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(20)}-2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{101}^{(10)}-m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(21)}+m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(22)}+m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(22)}-m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(21)}-m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(20)}+m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(21)}+m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(20)}\\
&-2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(21)}+m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(21)}-m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(20)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(21)}-m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(21)}+m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(20)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(10)}-2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(10)}+m_{000}^{(10)}(m_{100}^{(21)})^2m_{110}^{(22)}\\
&-m_{000}^{(10)}(m_{100}^{(21)})^2m_{101}^{(21)}-3m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(22)}-m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(22)}+2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(22)}+2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(20)}-m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(22)}-m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(21)}-m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(20)}+m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(22)}\\
&+3m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(21)}-2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(22)}-2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(20)}+m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(22)}-m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(20)}\\
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&-m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(20)}+2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(10)}+2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(10)}\\
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&+m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(21)}+m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(20)}-2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(21)}\\
&+3m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(21)}-m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(20)}-m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(20)}+2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(10)}-2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(22)}-m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(20)}-m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(22)}+m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(22)}-m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(22)}-m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(20)}-m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(21)}+m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(22)}+m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(10)}-2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{011}^{(10)}-m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(20)}+m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(22)}-m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(20)}
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&-m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(22)}+m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(21)}+m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(20)}+m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(22)}-m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(21)}\\
&-2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(10)}-m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(22)}-m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{101}^{(10)}+m_{000}^{(10)}(m_{010}^{(20)})^2m_{110}^{(22)}-m_{000}^{(10)}(m_{010}^{(20)})^2m_{011}^{(20)}\\
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&-m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(21)}-2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(22)}+2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(21)}\\
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&-2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(20)}-4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(10)}+2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(21)}+m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(20)}-2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(21)}-m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(20)}+2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(10)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(20)}-2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(10)}+m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(21)}\\
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&-2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(11)}m_{200}^{(20)}-2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(10)}+2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(21)}+m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(20)}-m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(21)}\\
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&-m_{000}^{(10)}(m_{001}^{(10)})^2m_{101}^{(21)}-m_{000}^{(10)}(m_{001}^{(10)})^2m_{011}^{(20)}+m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(21)}\\
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&+m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(11)}m_{101}^{(22)}+m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(22)}-m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(21)}m_{110}^{(22)}\\
&+m_{000}^{(11)}(m_{100}^{(10)})^2m_{002}^{(22)}-2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(22)}-m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(20)}+m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(22)}+m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(22)}+2m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(22)}-m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(22)}\\
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&-m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(22)}+m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(20)}+m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(00)}-m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(22)}m_{011}^{(00)}+m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(20)}-m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(20)}+m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(20)}-m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(00)}+m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(22)}m_{101}^{(00)}\\
&+m_{000}^{(11)}(m_{100}^{(20)})^2m_{020}^{(22)}-m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(22)}-m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(22)}-m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(22)}-m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(22)}+m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(20)}+m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(20)}-m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(20)}-m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(22)}+2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(20)}-m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(22)}
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&-m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(20)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(20)} + m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(00)} + m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(00)} + m_{000}^{(11)}(m_{100}^{(21)})^2m_{101}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(20)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(20)} + m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(20)}\\
&-3m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(20)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(20)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(00)} - m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(20)} - m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(00)} - m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(20)} + m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(20)} - m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(20)} + 2m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(20)}\\
&-3m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(20)} + m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(20)} - m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(00)} + m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(20)} - m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(20)}\\
&-m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(00)} + m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(22)}m_{011}^{(00)} - m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(20)}\\
&+m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(20)} + m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(00)} - m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(22)}m_{101}^{(00)}\\
&+m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(20)} - 2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(20)} + m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(20)}\\
&-m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(00)} + 2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(00)} - m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(00)}\\
&+m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(20)} - m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(20)} - m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(00)}\\
&+m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(00)} - m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(20)} + m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(20)}\\
&+m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(00)} - m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(00)} - m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(20)} + m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(00)} - m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(00)}\\
&+m_{000}^{(11)}(m_{001}^{(10)})^2m_{101}^{(20)} - m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(20)} - m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(00)}\\
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&+m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(20)} + m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(00)} - m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(22)}m_{200}^{(00)}\\
&+m_{000}^{(11)}(m_{001}^{(20)})^2m_{020}^{(00)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(00)} + m_{000}^{(11)}(m_{001}^{(21)})^2m_{200}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(21)} - m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(11)} - m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(11)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(21)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(20)}\\
&-2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(21)} - m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(21)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(10)} + m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(21)} - m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(21)} - m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(11)} + m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(10)} + m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(21)} + m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(21)} - m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(10)} - m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(11)} + m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(21)} - m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(11)}\\
&-2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(00)}m_{002}^{(21)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(20)} + 3m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(10)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(20)} - m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(10)} + m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(21)} + m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(11)}\\
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&-m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(11)} + m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(21)} + m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(10)}\\
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&+2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(11)} - m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(11)} - m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(11)} + m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(11)} + m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(10)}\\
&-m_{000}^{(20)}(m_{100}^{(21)})^2m_{110}^{(21)} + m_{000}^{(20)}(m_{100}^{(21)})^2m_{101}^{(11)} + 3m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(21)}\\
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&+2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(20)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(21)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(10)} + m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(21)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(20)}\\
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&+2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(11)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(10)} - m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(21)}\\
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&+m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(21)} + m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(11)} + 2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{020}^{(20)}\\
&-2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{110}^{(20)} + m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(11)} - m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(11)} + m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(10)} + 2m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(11)}\\
&-3m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(11)} - m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(10)} + m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(10)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(11)}m_{002}^{(20)} - m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(20)} - m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(10)} + m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(10)} - m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(21)} + m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(11)}\\
&+m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(21)} - m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(10)} + m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(21)}\\
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&+m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(10)} - m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(21)} + m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(11)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(21)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(11)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(10)}\\
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&-m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(11)} - m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(10)} + m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(11)}
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&+m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(10)} + m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(11)} - m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(10)}\\
&+m_{000}^{(20)}(m_{001}^{(10)})^2m_{101}^{(11)} - m_{000}^{(20)}(m_{001}^{(10)})^2m_{011}^{(10)} - m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(11)}\\
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&+m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(20)} + m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(10)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(00)}m_{002}^{(20)}\\
&+3m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(20)} + m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(00)} - m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(20)}\\
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&+m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(20)} - m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(10)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(21)}\\
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&-m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(00)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(21)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(10)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(21)} + m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(00)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(10)} - m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(00)} - m_{000}^{(21)}(m_{100}^{(21)})^2m_{110}^{(20)} - m_{000}^{(21)}(m_{100}^{(21)})^2m_{101}^{(10)}\\
&+3m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(20)} - m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(10)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(20)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(10)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(20)} + m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(00)} - m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(00)} - m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(20)} + 3m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(20)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(10)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(00)}
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&-m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(20)} + m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(00)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(10)} + m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(00)} - m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(20)} - m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(10)}\\
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&+m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(00)} - m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(00)}\\
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&+m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(20)} + m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(00)} + m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(10)} - m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(20)} - m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(00)}\\
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&+m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(00)} + m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(20)} + m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(10)}\\
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&+2m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(11)}m_{200}^{(00)} + m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(10)} - m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(00)}\\
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&+m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(00)} - m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(11)}m_{002}^{(11)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)}m_{011}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(22)}m_{020}^{(11)} + m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(11)}m_{002}^{(11)} - m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(11)}\\
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&+2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(11)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(10)} + m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(10)}\\
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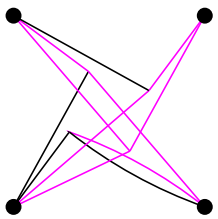
&-m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(10)} - m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(11)} - m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(11)} + m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(10)} + m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(11)}
\end{aligned}
$$

$$
\begin{aligned}
&+m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(10)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(00)}m_{002}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(00)} - 3m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(10)} + m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(10)} + m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(10)} + m_{000}^{(22)}(m_{100}^{(20)})^2m_{020}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(11)} - m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(10)} + m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(11)} + m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(10)} - m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{011}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(11)} - m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(10)} + m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(00)} - m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(11)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(11)} + m_{000}^{(22)}(m_{100}^{(21)})^2m_{110}^{(10)} - 3m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(10)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(00)} - m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(00)}\\
&+2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(10)} - m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(10)} - m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(10)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(10)} + m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(10)} - m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(10)} - m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)}m_{020}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(11)}m_{110}^{(00)} - m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{002}^{(00)} + m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(00)} - m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(10)} + m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(10)} - m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(10)} + m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(10)}\\
&+m_{000}^{(22)}(m_{010}^{(10)})^2m_{002}^{(00)} - m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(10)} - m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(00)}\\
&-2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(00)} + m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(10)} + m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(10)} + m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(10)} - m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(00)} + m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(10)} + m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(10)} - m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(00)} + 2m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(22)}m_{200}^{(00)} + m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{011}^{(00)} - m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{110}^{(00)} + m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(00)} + m_{000}^{(22)}(m_{010}^{(20)})^2m_{110}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(00)} + m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(10)} + m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(10)} + m_{000}^{(22)}(m_{010}^{(21)})^2m_{200}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(00)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(00)} - m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & V1 & 1 & 1\\
V2 & 2 & V2 & V4\\
V3 & V3 & V4 & 4
\end{array}
$$



$$
\begin{aligned}
T_{51} \;=\;& -m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(11)} m_{002}^{(22)} + 2m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(21)} m_{011}^{(22)} - m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(22)} m_{020}^{(22)} \\
& + m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(11)} m_{002}^{(21)} - 2m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(21)} m_{011}^{(21)} + m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(22)} m_{020}^{(21)} \\
& + m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(10)} m_{002}^{(22)} - m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(20)} m_{011}^{(22)} - m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(21)} m_{101}^{(22)} \\
& + m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(22)} m_{110}^{(22)} - m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(10)} m_{002}^{(21)} + m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(20)} m_{011}^{(21)} \\
& + m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(21)} m_{101}^{(21)} - m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(22)} m_{110}^{(21)} + m_{000}^{(00)} m_{100}^{(20)} m_{010}^{(11)} m_{002}^{(21)} \\
& - 2m_{000}^{(00)} m_{100}^{(20)} m_{010}^{(21)} m_{011}^{(21)} + m_{000}^{(00)} m_{100}^{(20)} m_{010}^{(22)} m_{020}^{(21)} - m_{000}^{(00)} m_{100}^{(20)} m_{001}^{(11)} m_{002}^{(11)} \\
& + 2m_{000}^{(00)} m_{100}^{(20)} m_{001}^{(21)} m_{011}^{(11)} - m_{000}^{(00)} m_{100}^{(20)} m_{001}^{(22)} m_{020}^{(11)} - m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(10)} m_{011}^{(22)} \\
& - m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(10)} m_{002}^{(21)} + m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(11)} m_{101}^{(22)} + m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(20)} m_{020}^{(22)} \\
& + m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(20)} m_{011}^{(21)} - m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(21)} m_{110}^{(22)} + m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(21)} m_{101}^{(21)} \\
& - m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(22)} m_{110}^{(21)} + m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(10)} m_{011}^{(21)} + m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(10)} m_{002}^{(11)} \\
& - m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(11)} m_{101}^{(21)} - m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(20)} m_{020}^{(21)} - m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(20)} m_{011}^{(11)} \\
& + m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(21)} m_{110}^{(21)} - m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(21)} m_{101}^{(11)} + m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(22)} m_{110}^{(11)} \\
& + m_{000}^{(00)} m_{100}^{(22)} m_{010}^{(10)} m_{011}^{(21)} - m_{000}^{(00)} m_{100}^{(22)} m_{010}^{(11)} m_{101}^{(21)} - m_{000}^{(00)} m_{100}^{(22)} m_{010}^{(20)} m_{020}^{(21)} \\
& + m_{000}^{(00)} m_{100}^{(22)} m_{010}^{(21)} m_{110}^{(21)} - m_{000}^{(00)} m_{100}^{(22)} m_{001}^{(10)} m_{011}^{(11)} + m_{000}^{(00)} m_{100}^{(22)} m_{001}^{(11)} m_{101}^{(11)} \\
& + m_{000}^{(00)} m_{100}^{(22)} m_{001}^{(20)} m_{020}^{(11)} - m_{000}^{(00)} m_{100}^{(22)} m_{001}^{(21)} m_{110}^{(11)} - m_{000}^{(00)} m_{010}^{(00)} m_{010}^{(11)} m_{002}^{(22)} \\
& + m_{000}^{(00)} m_{010}^{(00)} m_{010}^{(21)} m_{011}^{(22)} + m_{000}^{(00)} m_{010}^{(00)} m_{010}^{(21)} m_{002}^{(21)} - m_{000}^{(00)} m_{010}^{(00)} m_{010}^{(22)} m_{011}^{(21)} \\
& + m_{000}^{(00)} m_{010}^{(00)} m_{001}^{(11)} m_{011}^{(22)} - m_{000}^{(00)} m_{010}^{(00)} m_{001}^{(21)} m_{020}^{(22)} - m_{000}^{(00)} m_{010}^{(00)} m_{001}^{(21)} m_{011}^{(21)} \\
& + m_{000}^{(00)} m_{010}^{(00)} m_{001}^{(22)} m_{020}^{(21)} + m_{000}^{(00)} (m_{010}^{(10)})^2 m_{002}^{(22)} - m_{000}^{(00)} m_{010}^{(10)} m_{010}^{(20)} m_{011}^{(22)} \\
& - m_{000}^{(00)} m_{010}^{(10)} m_{010}^{(20)} m_{002}^{(21)} - 2m_{000}^{(00)} m_{010}^{(10)} m_{010}^{(21)} m_{101}^{(22)} + m_{000}^{(00)} m_{010}^{(10)} m_{010}^{(22)} m_{110}^{(22)} \\
& + m_{000}^{(00)} m_{010}^{(10)} m_{010}^{(22)} m_{101}^{(21)} - m_{000}^{(00)} m_{010}^{(10)} m_{001}^{(10)} m_{011}^{(22)} - m_{000}^{(00)} m_{010}^{(10)} m_{001}^{(10)} m_{002}^{(21)} \\
& - m_{000}^{(00)} m_{010}^{(10)} m_{001}^{(11)} m_{101}^{(22)} + 2m_{000}^{(00)} m_{010}^{(10)} m_{001}^{(20)} m_{011}^{(21)} + 2m_{000}^{(00)} m_{010}^{(10)} m_{001}^{(21)} m_{110}^{(22)} \\
& + 2m_{000}^{(00)} m_{010}^{(10)} m_{001}^{(21)} m_{101}^{(21)} - 3m_{000}^{(00)} m_{010}^{(10)} m_{001}^{(22)} m_{110}^{(21)} + 2m_{000}^{(00)} m_{010}^{(11)} m_{010}^{(20)} m_{101}^{(22)} \\
& - m_{000}^{(00)} m_{010}^{(11)} m_{010}^{(22)} m_{200}^{(22)} + m_{000}^{(00)} m_{010}^{(11)} m_{001}^{(00)} m_{002}^{(21)} + m_{000}^{(00)} m_{010}^{(11)} m_{001}^{(10)} m_{101}^{(22)} \\
& - 3m_{000}^{(00)} m_{010}^{(11)} m_{001}^{(20)} m_{101}^{(21)} - m_{000}^{(00)} m_{010}^{(11)} m_{001}^{(21)} m_{200}^{(22)} + 2m_{000}^{(00)} m_{010}^{(11)} m_{001}^{(22)} m_{200}^{(21)} \\
& + m_{000}^{(00)} (m_{010}^{(20)})^2 m_{011}^{(21)} - m_{000}^{(00)} m_{010}^{(20)} m_{010}^{(21)} m_{110}^{(22)} - m_{000}^{(00)} m_{010}^{(20)} m_{010}^{(21)} m_{101}^{(21)} \\
& + m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(10)} m_{020}^{(22)} + m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(10)} m_{002}^{(11)} - m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(11)} m_{110}^{(22)} \\
& - m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(20)} m_{020}^{(21)} - m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(20)} m_{011}^{(11)} + m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(21)} m_{110}^{(21)} \\
& - m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(21)} m_{101}^{(11)} + m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(22)} m_{110}^{(11)} + m_{000}^{(00)} (m_{010}^{(21)})^2 m_{200}^{(22)} \\
& - m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(00)} m_{011}^{(21)} - m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(00)} m_{002}^{(11)} - m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(10)} m_{110}^{(22)} \\
& + m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(10)} m_{101}^{(21)} + m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(11)} m_{200}^{(22)} + 2m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(20)} m_{110}^{(21)} \\
& + 2m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(20)} m_{101}^{(11)} - 2m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(21)} m_{200}^{(21)} - m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(22)} m_{200}^{(11)} \\
& + m_{000}^{(00)} m_{010}^{(22)} m_{001}^{(00)} m_{011}^{(11)} - m_{000}^{(00)} m_{010}^{(22)} m_{001}^{(10)} m_{101}^{(11)} - m_{000}^{(00)} m_{010}^{(22)} m_{001}^{(20)} m_{110}^{(11)} \\
& + m_{000}^{(00)} m_{010}^{(22)} m_{001}^{(21)} m_{200}^{(11)} - m_{000}^{(00)} m_{001}^{(00)} m_{001}^{(11)} m_{011}^{(21)} + m_{000}^{(00)} m_{001}^{(00)} m_{001}^{(21)} m_{020}^{(21)} \\
& + m_{000}^{(00)} m_{001}^{(00)} m_{001}^{(21)} m_{011}^{(11)} - m_{000}^{(00)} m_{001}^{(00)} m_{001}^{(22)} m_{020}^{(11)} + m_{000}^{(00)} (m_{001}^{(10)})^2 m_{011}^{(21)} \\
& - m_{000}^{(00)} m_{001}^{(10)} m_{001}^{(20)} m_{020}^{(21)} - m_{000}^{(00)} m_{001}^{(10)} m_{001}^{(20)} m_{011}^{(11)} - m_{000}^{(00)} m_{001}^{(10)} m_{001}^{(21)} m_{110}^{(21)} \\
& - m_{000}^{(00)} m_{001}^{(10)} m_{001}^{(21)} m_{101}^{(11)} + 2m_{000}^{(00)} m_{001}^{(10)} m_{001}^{(22)} m_{110}^{(11)} + m_{000}^{(00)} m_{001}^{(11)} m_{001}^{(20)} m_{110}^{(21)} \\
& + m_{000}^{(00)} m_{001}^{(11)} m_{001}^{(20)} m_{101}^{(11)} - m_{000}^{(00)} m_{001}^{(11)} m_{001}^{(22)} m_{200}^{(11)} + m_{000}^{(00)} (m_{001}^{(20)})^2 m_{020}^{(11)} \\
& - 2m_{000}^{(00)} m_{001}^{(20)} m_{001}^{(21)} m_{110}^{(11)} + m_{000}^{(00)} (m_{001}^{(21)})^2 m_{200}^{(11)} + 2m_{000}^{(10)} m_{100}^{(00)} m_{010}^{(11)} m_{002}^{(22)}
\end{aligned}
$$

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\begin{aligned}
&-3m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(22)} - m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(21)} + m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(21)} - m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(22)} - m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(22)} + 3m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(21)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(22)}m_{020}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(22)} + m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(21)} + m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(21)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(22)} + m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(21)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(22)} - m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(21)} + m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(22)} + m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(22)} - m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(20)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(22)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(21)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(20)}\\
&+3m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(21)} - m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(21)} - m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(22)} + m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(22)} + m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(22)} - m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(21)} + m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(20)} - m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(21)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(22)} - 3m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(20)} - m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(22)} - m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(22)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(21)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(21)} - m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(20)} - m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(21)} + m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(22)} + m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(10)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(21)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(21)}\\
&-4m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(10)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(10)} + m_{000}^{(10)}(m_{100}^{(21)})^2m_{110}^{(22)}\\
&-m_{000}^{(10)}(m_{100}^{(21)})^2m_{101}^{(21)} + m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(22)} + m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(21)} - m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(20)} - m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(20)} + m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(21)} + m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(22)} - m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(20)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(22)} + m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(20)} - m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(20)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(10)} + m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(20)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(10)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(22)} - m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(20)} + m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(20)} + m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(21)} + m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(20)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(10)}\\
&-2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(10)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(10)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(22)} - m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(20)} - m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(20)} - m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(22)} + m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(22)} - m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(21)} - m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(20)} + m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(21)} - m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(22)} + m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(20)} + m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(20)} + m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(22)} - m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(21)}
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&+m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(22)}+m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(20)}-2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(22)}\\
&+2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(21)}-2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(20)}-2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(21)}+3m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(20)}-m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(20)}+m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(22)}+3m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(20)}\\
&-2m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(22)}m_{200}^{(20)}+m_{000}^{(10)}(m_{010}^{(20)})^2m_{110}^{(22)}-m_{000}^{(10)}(m_{010}^{(20)})^2m_{011}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(22)}+m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(20)}-m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(21)}+m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(22)}-m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(21)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(10)}-m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(21)}+m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(10)}+m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(21)}-m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(10)}-2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(10)}+m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(20)}+2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{002}^{(10)}-m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(22)}\\
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&+2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(20)}+2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(10)}-2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(10)}\\
&+2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(10)}+2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(10)}-2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(21)}+m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(20)}-m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(21)}\\
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&-m_{000}^{(10)}(m_{001}^{(10)})^2m_{101}^{(21)}-m_{000}^{(10)}(m_{001}^{(10)})^2m_{011}^{(20)}+m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(20)}+2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(10)}+m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(21)}\\
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&-m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(21)}-m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(20)}-2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(10)}\\
&+2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{200}^{(10)}-2m_{000}^{(10)}(m_{001}^{(20)})^2m_{020}^{(10)}+4m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(10)}\\
&-2m_{000}^{(10)}(m_{001}^{(21)})^2m_{200}^{(10)}-m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(11)}m_{002}^{(22)}+2m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(21)}m_{011}^{(22)}\\
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&+m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(20)}-m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(20)}+m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(20)}-m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(22)}-3m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(22)}m_{020}^{(20)}+m_{000}^{(11)}(m_{100}^{(10)})^2m_{002}^{(22)}-2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(22)}-m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(20)}+m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(20)}+m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(22)}-m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(20)}+m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(20)}-m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(22)}\\
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&+2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(20)}+2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(20)}-3m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(22)}+m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(20)}-m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(22)}-m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(22)}-m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(20)}+m_{000}^{(11)}(m_{100}^{(20)})^2m_{020}^{(22)}-m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(20)}-m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(22)}+2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(22)}+m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(20)}-2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(20)}+m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(22)}-m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(20)}-m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(20)}-m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(00)}
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&-2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(20)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(20)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(00)} + m_{000}^{(11)}(m_{100}^{(21)})^2m_{101}^{(20)} - m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(00)}m_{101}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(22)} + m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(20)} - m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(22)} + m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(22)} + m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(20)} - m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(00)} - m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(00)} + m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(00)} + m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{110}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(22)} - m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(20)} + m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(00)} + m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(00)} + m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(00)} - m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(20)} + m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(20)}\\
&+m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(20)} - m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(20)} + m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(20)}\\
&-2m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(20)} + m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(20)} - m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(20)}\\
&+m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(20)} + m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(00)} + m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(20)}\\
&-m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(00)} - m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(20)} - m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(00)}\\
&+m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(00)} - m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{002}^{(00)} + 2m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(00)}\\
&-m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(00)} + m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(00)} - m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(00)}\\
&-m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(00)} + m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(00)} - m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(20)} + m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(00)} - m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(00)}\\
&+m_{000}^{(11)}(m_{001}^{(10)})^2m_{101}^{(20)} - m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(20)} - m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(20)} - m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(00)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(20)} + m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(00)} - m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(22)}m_{200}^{(00)}\\
&+m_{000}^{(11)}(m_{001}^{(20)})^2m_{020}^{(00)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(00)} + m_{000}^{(11)}(m_{001}^{(21)})^2m_{200}^{(00)}\\
&-2m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(11)}m_{002}^{(21)} + 3m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(21)} + m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(21)} - m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(11)} + m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(11)} - m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(21)} - 3m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(22)}m_{020}^{(11)} + m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(21)} - m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(21)} + m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(11)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(20)} - m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(21)} - m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(11)}\\
&-2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(21)} - 4m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(20)} + m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(11)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(20)} - m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(11)} - m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(21)} - m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(10)}\\
&+2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(11)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(21)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(10)} - 3m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(11)} - m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(21)} + m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(11)} + m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(11)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(20)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(20)}\\
&+2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(20)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(20)} + m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(10)} - m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(20)} - m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(10)}\\
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&+m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(10)} + m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(21)} - m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(11)}
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&-2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(21)}+3m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(21)}-m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(21)}+m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{011}^{(11)}-2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(11)}+2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(10)}+m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(10)}+m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(21)}+m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(11)}\\
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&+2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(11)}-m_{000}^{(20)}(m_{100}^{(21)})^2m_{110}^{(21)}+m_{000}^{(20)}(m_{100}^{(21)})^2m_{101}^{(11)}\\
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&+m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(10)}+m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(11)}+m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(10)}\\
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&+m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(10)}+m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(21)}-m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(11)}\\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(20)}-m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(21)}+m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(11)}\\
&+m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(11)}+2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(20)}+m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(10)}\\
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&+m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(21)}+2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(20)}+m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(10)}\\
&+4m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(20)}-m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(21)}-2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(20)}\\
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&+2m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{200}^{(20)}+m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(21)}-m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(10)}\\
&-2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(20)}-m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(21)}+3m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(10)}\\
&+2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(20)}-2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(22)}m_{200}^{(10)}-m_{000}^{(20)}(m_{010}^{(20)})^2m_{110}^{(21)}\\
&-m_{000}^{(20)}(m_{010}^{(20)})^2m_{011}^{(10)}+m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(21)}+2m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(10)}+m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(21)}-m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(11)}\\
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&+2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(20)}+m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(11)}+m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(10)}\\
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&-2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(10)}+2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(10)}-m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(11)}\\
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&-m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(20)}+m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(00)}+m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(20)}\\
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&+2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(21)}+m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(20)}+m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(00)}\\
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&+2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(10)}+m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(11)}-m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(11)}\\
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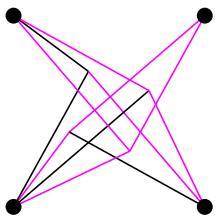
&-m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(10)}-m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(00)}-m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(11)}+m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(10)}-m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(00)}m_{110}^{(11)}-m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(11)}-m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(10)}-m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{002}^{(00)}+m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(00)}-m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(10)}-m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(00)}+m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(10)}-m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(00)}\\
&+m_{000}^{(22)}(m_{010}^{(10)})^2m_{002}^{(00)}-m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(10)}-m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(00)}\\
&-2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(00)}+m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(10)}+m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(10)}+m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(10)}-m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(00)}-2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(10)}+2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(00)}\\
&+2m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(00)}-m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(22)}m_{200}^{(00)}-m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(00)}+m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(10)}-m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(00)}\\
&+m_{000}^{(22)}(m_{010}^{(20)})^2m_{110}^{(10)}-m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(10)}-m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(10)}+m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(10)}+m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(00)}+m_{000}^{(22)}(m_{010}^{(21)})^2m_{200}^{(00)}+m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(10)}-m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(00)}+m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & 1 & 1 & V1\\
V2 & V2 & 2 & V3\\
V3 & V4 & V4 & 4
\end{array}
$$



$$
\begin{aligned}
T_{52} \;=\;& m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(11)} m_{002}^{(22)} - 2m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(21)} m_{002}^{(21)} + m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(22)} m_{002}^{(11)} \\
& - m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(11)} m_{011}^{(22)} + 2m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(21)} m_{011}^{(21)} - m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(22)} m_{011}^{(11)} \\
& - m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(10)} m_{002}^{(22)} + m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(20)} m_{002}^{(21)} + m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(21)} m_{002}^{(20)} \\
& - m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(22)} m_{002}^{(10)} + m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(10)} m_{011}^{(22)} - m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(20)} m_{011}^{(21)} \\
& - m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(21)} m_{011}^{(20)} + m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(22)} m_{011}^{(10)} - m_{000}^{(00)} m_{100}^{(20)} m_{010}^{(11)} m_{011}^{(22)} \\
& + 2m_{000}^{(00)} m_{100}^{(20)} m_{010}^{(21)} m_{011}^{(21)} - m_{000}^{(00)} m_{100}^{(20)} m_{010}^{(22)} m_{011}^{(11)} + m_{000}^{(00)} m_{100}^{(20)} m_{001}^{(11)} m_{020}^{(22)} \\
& - 2m_{000}^{(00)} m_{100}^{(20)} m_{001}^{(21)} m_{020}^{(21)} + m_{000}^{(00)} m_{100}^{(20)} m_{001}^{(22)} m_{020}^{(11)} + m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(10)} m_{011}^{(22)} \\
& + m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(10)} m_{002}^{(21)} - m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(11)} m_{002}^{(20)} - m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(20)} m_{011}^{(21)} \\
& - m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(20)} m_{002}^{(11)} - m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(21)} m_{011}^{(20)} + m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(21)} m_{002}^{(10)} \\
& + m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(22)} m_{011}^{(10)} - m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(10)} m_{020}^{(22)} - m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(10)} m_{011}^{(21)} \\
& + m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(11)} m_{011}^{(20)} + m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(20)} m_{020}^{(21)} + m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(20)} m_{011}^{(11)} \\
& + m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(21)} m_{020}^{(20)} - m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(21)} m_{011}^{(10)} - m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(22)} m_{020}^{(10)} \\
& - m_{000}^{(00)} m_{100}^{(22)} m_{010}^{(10)} m_{011}^{(21)} + m_{000}^{(00)} m_{100}^{(22)} m_{010}^{(11)} m_{011}^{(20)} + m_{000}^{(00)} m_{100}^{(22)} m_{010}^{(20)} m_{011}^{(11)} \\
& - m_{000}^{(00)} m_{100}^{(22)} m_{010}^{(21)} m_{011}^{(10)} + m_{000}^{(00)} m_{100}^{(22)} m_{001}^{(10)} m_{020}^{(21)} - m_{000}^{(00)} m_{100}^{(22)} m_{001}^{(11)} m_{020}^{(20)} \\
& - m_{000}^{(00)} m_{100}^{(22)} m_{001}^{(20)} m_{020}^{(11)} + m_{000}^{(00)} m_{100}^{(22)} m_{001}^{(21)} m_{020}^{(10)} + m_{000}^{(00)} m_{010}^{(00)} m_{010}^{(11)} m_{002}^{(22)} \\
& - m_{000}^{(00)} m_{010}^{(00)} m_{010}^{(21)} m_{011}^{(22)} - m_{000}^{(00)} m_{010}^{(00)} m_{010}^{(21)} m_{002}^{(21)} + m_{000}^{(00)} m_{010}^{(00)} m_{010}^{(22)} m_{011}^{(21)} \\
& - m_{000}^{(00)} m_{010}^{(00)} m_{001}^{(11)} m_{002}^{(21)} + m_{000}^{(00)} m_{010}^{(00)} m_{001}^{(21)} m_{011}^{(21)} + m_{000}^{(00)} m_{010}^{(00)} m_{001}^{(21)} m_{002}^{(11)} \\
& - m_{000}^{(00)} m_{010}^{(00)} m_{001}^{(22)} m_{011}^{(11)} - m_{000}^{(00)} (m_{010}^{(10)})^2 m_{002}^{(22)} + m_{000}^{(00)} m_{010}^{(10)} m_{010}^{(20)} m_{011}^{(22)} \\
& + m_{000}^{(00)} m_{010}^{(10)} m_{010}^{(20)} m_{002}^{(21)} + 2m_{000}^{(00)} m_{010}^{(10)} m_{010}^{(21)} m_{002}^{(20)} - m_{000}^{(00)} m_{010}^{(10)} m_{010}^{(22)} m_{011}^{(20)} \\
& - m_{000}^{(00)} m_{010}^{(10)} m_{010}^{(22)} m_{002}^{(10)} + m_{000}^{(00)} m_{010}^{(10)} m_{001}^{(10)} m_{011}^{(22)} + m_{000}^{(00)} m_{010}^{(10)} m_{001}^{(10)} m_{002}^{(21)} \\
& + m_{000}^{(00)} m_{010}^{(10)} m_{001}^{(11)} m_{002}^{(20)} - 2m_{000}^{(00)} m_{010}^{(10)} m_{001}^{(20)} m_{011}^{(21)} - 2m_{000}^{(00)} m_{010}^{(10)} m_{001}^{(21)} m_{011}^{(20)} \\
& - 2m_{000}^{(00)} m_{010}^{(10)} m_{001}^{(21)} m_{002}^{(10)} + 3m_{000}^{(00)} m_{010}^{(10)} m_{001}^{(22)} m_{011}^{(10)} - 2m_{000}^{(00)} m_{010}^{(11)} m_{010}^{(20)} m_{002}^{(20)} \\
& + m_{000}^{(00)} m_{010}^{(11)} m_{010}^{(22)} m_{002}^{(00)} - m_{000}^{(00)} m_{010}^{(11)} m_{001}^{(00)} m_{011}^{(22)} - m_{000}^{(00)} m_{010}^{(11)} m_{001}^{(10)} m_{002}^{(20)} \\
& + 3m_{000}^{(00)} m_{010}^{(11)} m_{001}^{(20)} m_{011}^{(20)} + m_{000}^{(00)} m_{010}^{(11)} m_{001}^{(21)} m_{002}^{(00)} - 2m_{000}^{(00)} m_{010}^{(11)} m_{001}^{(22)} m_{011}^{(00)} \\
& - m_{000}^{(00)} (m_{010}^{(20)})^2 m_{011}^{(21)} + m_{000}^{(00)} m_{010}^{(20)} m_{010}^{(21)} m_{011}^{(20)} + m_{000}^{(00)} m_{010}^{(20)} m_{010}^{(21)} m_{002}^{(10)} \\
& - m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(10)} m_{011}^{(22)} - m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(10)} m_{002}^{(11)} + m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(11)} m_{002}^{(10)} \\
& + m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(20)} m_{011}^{(21)} + m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(21)} m_{011}^{(10)} + m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(21)} m_{020}^{(10)} \\
& - m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(21)} m_{011}^{(10)} - m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(22)} m_{020}^{(10)} - m_{000}^{(00)} (m_{010}^{(21)})^2 m_{002}^{(00)} \\
& + m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(00)} m_{001}^{(22)} + m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(00)} m_{011}^{(21)} - m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(10)} m_{011}^{(20)} \\
& + m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(10)} m_{002}^{(10)} - m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(11)} m_{002}^{(00)} - 2m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(20)} m_{020}^{(20)} \\
& - 2m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(20)} m_{011}^{(10)} + 2m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(21)} m_{011}^{(00)} + m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(22)} m_{020}^{(00)} \\
& - m_{000}^{(00)} m_{010}^{(22)} m_{001}^{(00)} m_{001}^{(21)} + m_{000}^{(00)} m_{010}^{(22)} m_{001}^{(10)} m_{020}^{(20)} + m_{000}^{(00)} m_{010}^{(22)} m_{001}^{(20)} m_{020}^{(10)} \\
& - m_{000}^{(00)} m_{010}^{(22)} m_{001}^{(21)} m_{020}^{(00)} + m_{000}^{(00)} m_{001}^{(00)} m_{001}^{(11)} m_{011}^{(21)} - m_{000}^{(00)} m_{001}^{(00)} m_{001}^{(21)} m_{020}^{(21)} \\
& - m_{000}^{(00)} m_{001}^{(00)} m_{001}^{(21)} m_{011}^{(11)} + m_{000}^{(00)} m_{001}^{(00)} m_{001}^{(22)} m_{020}^{(11)} - m_{000}^{(00)} (m_{001}^{(10)})^2 m_{011}^{(21)} \\
& + m_{000}^{(00)} m_{001}^{(10)} m_{001}^{(20)} m_{020}^{(21)} + m_{000}^{(00)} m_{001}^{(10)} m_{001}^{(20)} m_{011}^{(21)} + m_{000}^{(00)} m_{001}^{(10)} m_{001}^{(21)} m_{020}^{(20)} \\
& + m_{000}^{(00)} m_{001}^{(10)} m_{001}^{(21)} m_{011}^{(20)} - 2m_{000}^{(00)} m_{001}^{(10)} m_{001}^{(22)} m_{020}^{(10)} - m_{000}^{(00)} m_{001}^{(11)} m_{001}^{(20)} m_{020}^{(20)} \\
& - m_{000}^{(00)} m_{001}^{(11)} m_{001}^{(20)} m_{011}^{(10)} + m_{000}^{(00)} m_{001}^{(11)} m_{001}^{(22)} m_{020}^{(00)} - m_{000}^{(00)} (m_{001}^{(20)})^2 m_{020}^{(11)} \\
& + 2m_{000}^{(00)} m_{001}^{(20)} m_{001}^{(21)} m_{020}^{(10)} - m_{000}^{(00)} (m_{001}^{(21)})^2 m_{020}^{(00)} - 2m_{000}^{(10)} m_{100}^{(00)} m_{010}^{(11)} m_{002}^{(22)}
\end{aligned}
$$

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\begin{aligned}
&+m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(22)}+3m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(21)}-m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(22)}m_{002}^{(11)}+m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(22)}+m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(21)}\\
&-3m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(21)}-m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(11)}+2m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(22)}m_{011}^{(11)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(22)}+m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(21)}+m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(11)}+2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(22)}-m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(21)}-2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(20)}+m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(10)}-m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(22)}-m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(22)}-m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(20)}+2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(21)}+2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(20)}+2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(22)}m_{101}^{(11)}-3m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(22)}m_{011}^{(10)}+m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(21)}-m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{011}^{(20)}+m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{002}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(22)}+m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(20)}+m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(20)}+m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(20)}-m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{101}^{(10)}+m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{011}^{(00)}-m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(21)}m_{002}^{(11)}-2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(21)}+m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(22)}\\
&+3m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(20)}+m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(21)}+m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(11)}\\
&-2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(21)}-2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(20)}-2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(11)}+m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(10)}+m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(11)}-2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(22)}-m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(10)}-2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(11)}+4m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(10)}-2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(11)}+m_{000}^{(10)}(m_{100}^{(21)})^2m_{011}^{(20)}\\
&-m_{000}^{(10)}(m_{100}^{(21)})^2m_{002}^{(10)}-m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(22)}-m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(21)}+m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(20)}+m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(00)}-m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(10)}-m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(00)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(22)}+m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(21)}-m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(20)}+m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(00)}-2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(11)}+m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(10)}-2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(10)}-m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(00)}+2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(21)}+m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{002}^{(10)}-m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{002}^{(00)}-m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(11)}-m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(10)}+m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(00)}-2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(20)}+2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(11)}-2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(22)}-m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(20)}-m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{101}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{002}^{(10)}-m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(22)}+m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(21)}-m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(11)}-m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(20)}+m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{101}^{(11)}-m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{011}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(22)}+m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(20)}+m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{002}^{(00)}+m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(22)}-m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(21)}
\end{aligned}
$$

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\begin{aligned}
&-m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(22)} - m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(20)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(21)}\\
&-2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(20)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(10)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(20)}\\
&-3m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{101}^{(10)} + m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{011}^{(00)} + m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(20)} - 3m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(20)} - m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(00)}\\
&+2m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(22)}m_{101}^{(00)} + m_{000}^{(10)}(m_{010}^{(20)})^2m_{101}^{(21)} - m_{000}^{(10)}(m_{010}^{(20)})^2m_{002}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(20)} + m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{002}^{(00)} - m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(11)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(22)} + m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(10)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(21)} - m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(11)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(10)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(20)} + m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(10)}\\
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&-m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(21)} - m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{002}^{(10)} + m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(00)} + 4m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(20)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(10)}\\
&-2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(00)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(00)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(21)}\\
&-2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(20)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(10)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(21)} - m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(20)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(21)}\\
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&+m_{000}^{(10)}(m_{001}^{(10)})^2m_{101}^{(21)} + m_{000}^{(10)}(m_{001}^{(10)})^2m_{011}^{(20)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(21)}\\
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&-2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(10)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(20)} + 3m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(22)}m_{101}^{(10)}\\
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&+m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(21)} + m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(11)} - m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(11)}m_{020}^{(22)}\\
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&-2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(22)} + m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(22)} + m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(21)}\\
&+4m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(21)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(20)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(11)}\\
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&+m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(21)} + m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(22)} + m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(20)}\\
&-2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(21)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(21)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(20)}\\
&-2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(10)} + m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(11)} + 3m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(20)}m_{020}^{(22)} + m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(21)} + m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(22)}m_{020}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(22)}m_{011}^{(10)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(22)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(21)}\\
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&+2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(21)}+m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{110}^{(22)}-3m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{011}^{(20)}\\
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&+2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(20)}+2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(10)}+m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(11)}\\
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&+2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(11)}-m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(20)}+m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(10)}\\
&-2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(10)}-m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(11)}-m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(10)}+m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(00)}+2m_{000}^{(20)}(m_{010}^{(21)})^2m_{101}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(21)}+m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(10)}+m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(20)}\\
&-2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(10)}-m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(00)}+2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(00)}
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&+2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(10)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(00)} - m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{110}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{020}^{(20)} + m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(11)} - m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(10)}\\
&+m_{000}^{(20)}(m_{001}^{(10)})^2m_{110}^{(21)} - m_{000}^{(20)}(m_{001}^{(10)})^2m_{020}^{(20)} - m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(10)} - m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(10)} + m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(10)} - m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{020}^{(00)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(11)}m_{011}^{(22)}\\
&+4m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(21)}m_{011}^{(21)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(22)}m_{011}^{(11)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(22)}\\
&+2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(11)}m_{101}^{(22)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(21)} + m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(21)}m_{110}^{(22)}\\
&-3m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(21)}m_{101}^{(21)} - m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(22)}m_{110}^{(21)} + m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(22)}m_{101}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(21)} + m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(11)}m_{110}^{(22)} - m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(11)}m_{101}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(11)} - 3m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{110}^{(21)} + m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{101}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(22)}m_{110}^{(11)} + 2m_{000}^{(21)}(m_{100}^{(10)})^2m_{011}^{(22)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(22)} - m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(21)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(21)} + m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(11)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(22)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(22)} - m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(21)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(20)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(20)} - m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(10)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(22)} + m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(21)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(22)} + m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(20)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(21)}\\
&+4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(10)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(21)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(10)} - m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(22)}m_{200}^{(11)} - 3m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(22)} + m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(21)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(20)} - m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(10)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(22)} - m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(20)} - m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(20)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(00)} - m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(00)} + m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(10)} + m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(00)}\\
&+2m_{000}^{(21)}(m_{100}^{(20)})^2m_{011}^{(11)} - m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(21)} - m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(10)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(21)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(21)}\\
&+4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(20)} - m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(22)} - 3m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(21)} - m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(11)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(21)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(20)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(11)} + m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(10)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(21)} - m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(11)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(20)} + m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(10)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(10)} + m_{000}^{(21)}(m_{100}^{(21)})^2m_{110}^{(20)} + m_{000}^{(21)}(m_{100}^{(21)})^2m_{101}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(20)} + m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(22)} + m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(21)} + m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(20)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(20)} - m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(00)} + m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(00)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(10)} - m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(21)}
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&+m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(10)}+2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(00)}+m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(00)}+m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(11)}+m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(10)}-m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(00)}+2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(21)}-m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(10)}-2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(20)}+m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(00)}+m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{200}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(10)}-m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(10)}+m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{200}^{(22)}+m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(20)}+m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{200}^{(21)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{101}^{(10)}-m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(22)}-m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(21)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(21)}+m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(11)}+m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(21)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(20)}-m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(22)}m_{200}^{(11)}-m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(22)}-m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(20)}-m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(00)}+m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(22)}+m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(21)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(22)}+m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(20)}-2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(21)}\\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(20)}-2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(10)}-2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(20)}\\
&+3m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(10)}+m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(00)}-m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{200}^{(22)}\\
&-m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(20)}+3m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(20)}+m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(00)}\\
&-2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(22)}m_{200}^{(00)}-m_{000}^{(21)}(m_{010}^{(20)})^2m_{200}^{(21)}+m_{000}^{(21)}(m_{010}^{(20)})^2m_{101}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(20)}-m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(00)}-m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(21)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(11)}+m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(20)}+m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(11)}+m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(10)}-m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(00)}+m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{200}^{(21)}+m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(20)}-m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(00)}-2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(00)}+m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{200}^{(21)}-m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{110}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{200}^{(11)}+m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(10)}-m_{000}^{(21)}(m_{001}^{(10)})^2m_{200}^{(21)}\\
&+m_{000}^{(21)}(m_{001}^{(10)})^2m_{110}^{(20)}+m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(11)}-m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(10)}-m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(00)}-m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(00)}+m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(11)}m_{020}^{(22)}-2m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)}m_{020}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(22)}m_{020}^{(11)}+m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(10)}m_{020}^{(22)}-2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(11)}m_{110}^{(22)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(21)}+3m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{110}^{(21)}-m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(22)}m_{110}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(21)}+m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(11)}m_{110}^{(21)}+m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(21)}m_{110}^{(11)}-m_{000}^{(22)}(m_{100}^{(10)})^2m_{020}^{(22)}+2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(21)}+m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(20)}-m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(10)}-m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(00)}m_{020}^{(22)}+2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(10)}m_{110}^{(22)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}m_{200}^{(22)}-m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(21)}+m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(20)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(21)}-2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(20)}+m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(10)}+m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(21)}-m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(20)}-m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(20)}-2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(10)}-m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(21)}-m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{020}^{(20)}
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&+m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(10)}m_{200}^{(22)} + m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)}m_{200}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(20)} - m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(00)}m_{020}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(20)} + m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(00)} - m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(00)}\\
&-m_{000}^{(22)}(m_{100}^{(20)})^2m_{020}^{(11)} + m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(11)} + m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(21)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(21)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(20)}\\
&+3m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{110}^{(20)} + m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(11)} + m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(10)}\\
&-2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(10)} - m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(11)} + m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(10)} - m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(10)} - m_{000}^{(22)}(m_{100}^{(21)})^2m_{110}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}m_{020}^{(20)} + m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(21)} - m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(20)} - m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(11)} - m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(10)} + m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(00)} + m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(10)} - m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(00)} + m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(10)} + m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(10)} + m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)}m_{020}^{(00)}\\
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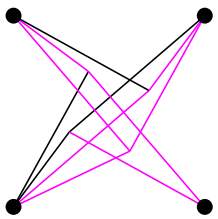
&-m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(20)} + m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(10)} + m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{200}^{(21)} - m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(11)} + m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(11)}\\
&-m_{000}^{(22)}(m_{010}^{(10)})^2m_{200}^{(22)} + m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(21)} + m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(20)}\\
&+2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(20)} - m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(10)} - m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(21)} + m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(21)} - m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(20)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(10)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(20)} + m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(22)}m_{200}^{(00)} + m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{110}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(20)} - m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{110}^{(00)} + m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(00)}\\
&-m_{000}^{(22)}(m_{010}^{(20)})^2m_{110}^{(10)} + m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(10)} + m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(11)} - m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(11)} - m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(10)} - m_{000}^{(22)}(m_{010}^{(21)})^2m_{200}^{(00)} - m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(10)} + m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(00)} - m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & V1 & 1 & 1\\
V2 & 2 & V2 & 3\\
V3 & V3 & V4 & V4
\end{array}
$$



$$
\begin{aligned}
T_{53} \;=\;& m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(11)} m_{002}^{(22)} - m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(21)} m_{011}^{(22)} - m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(21)} m_{002}^{(21)} \\
&+ m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(22)} m_{011}^{(21)} - m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(11)} m_{011}^{(22)} + m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(21)} m_{020}^{(22)} \\
&+ m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(21)} m_{011}^{(21)} - m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(22)} m_{020}^{(21)} - m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(10)} m_{002}^{(22)} \\
&+ m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(20)} m_{002}^{(21)} + m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(21)} m_{101}^{(22)} - m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(22)} m_{101}^{(21)} \\
&+ m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(10)} m_{011}^{(22)} - m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(20)} m_{011}^{(21)} - m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(21)} m_{110}^{(22)} \\
&+ m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(22)} m_{110}^{(21)} - m_{000}^{(00)} m_{100}^{(20)} m_{010}^{(11)} m_{002}^{(21)} + m_{000}^{(00)} m_{100}^{(20)} m_{010}^{(21)} m_{011}^{(21)} \\
&+ m_{000}^{(00)} m_{100}^{(20)} m_{010}^{(21)} m_{002}^{(11)} - m_{000}^{(00)} m_{100}^{(20)} m_{010}^{(22)} m_{011}^{(11)} + m_{000}^{(00)} m_{100}^{(20)} m_{001}^{(11)} m_{011}^{(21)} \\
&- m_{000}^{(00)} m_{100}^{(20)} m_{001}^{(21)} m_{020}^{(21)} - m_{000}^{(00)} m_{100}^{(20)} m_{001}^{(21)} m_{011}^{(11)} + m_{000}^{(00)} m_{100}^{(20)} m_{001}^{(22)} m_{020}^{(11)} \\
&+ m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(10)} m_{011}^{(22)} + m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(10)} m_{002}^{(21)} - m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(11)} m_{101}^{(22)} \\
&- m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(20)} m_{011}^{(21)} - m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(20)} m_{002}^{(11)} + m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(22)} m_{101}^{(11)} \\
&- m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(10)} m_{020}^{(22)} - m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(10)} m_{011}^{(21)} + m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(11)} m_{110}^{(22)} \\
&+ m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(20)} m_{020}^{(21)} + m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(20)} m_{011}^{(11)} - m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(22)} m_{110}^{(11)} \\
&- m_{000}^{(00)} m_{100}^{(22)} m_{010}^{(10)} m_{011}^{(21)} + m_{000}^{(00)} m_{100}^{(22)} m_{010}^{(11)} m_{101}^{(21)} + m_{000}^{(00)} m_{100}^{(22)} m_{010}^{(20)} m_{011}^{(11)} \\
&- m_{000}^{(00)} m_{100}^{(22)} m_{010}^{(21)} m_{101}^{(11)} + m_{000}^{(00)} m_{100}^{(22)} m_{001}^{(10)} m_{020}^{(21)} - m_{000}^{(00)} m_{100}^{(22)} m_{001}^{(11)} m_{110}^{(21)} \\
&- m_{000}^{(00)} m_{100}^{(22)} m_{001}^{(20)} m_{020}^{(11)} + m_{000}^{(00)} m_{100}^{(22)} m_{001}^{(21)} m_{110}^{(11)} - m_{000}^{(00)} m_{010}^{(00)} m_{010}^{(11)} m_{002}^{(22)} \\
&+ m_{000}^{(00)} m_{010}^{(00)} m_{010}^{(21)} m_{011}^{(22)} + m_{000}^{(00)} m_{010}^{(00)} m_{010}^{(21)} m_{002}^{(21)} - m_{000}^{(00)} m_{010}^{(00)} m_{010}^{(22)} m_{011}^{(21)} \\
&+ m_{000}^{(00)} m_{010}^{(00)} m_{001}^{(11)} m_{011}^{(22)} - m_{000}^{(00)} m_{010}^{(00)} m_{001}^{(21)} m_{020}^{(22)} - m_{000}^{(00)} m_{010}^{(00)} m_{001}^{(21)} m_{011}^{(21)} \\
&+ m_{000}^{(00)} m_{010}^{(00)} m_{001}^{(22)} m_{020}^{(21)} + m_{000}^{(00)} (m_{010}^{(10)})^2 m_{002}^{(22)} - m_{000}^{(00)} m_{010}^{(10)} m_{010}^{(20)} m_{011}^{(22)} \\
&- m_{000}^{(00)} m_{010}^{(10)} m_{010}^{(20)} m_{002}^{(21)} - m_{000}^{(00)} m_{010}^{(10)} m_{010}^{(21)} m_{101}^{(22)} - m_{000}^{(00)} m_{010}^{(10)} m_{010}^{(21)} m_{002}^{(20)} \\
&+ m_{000}^{(00)} m_{010}^{(10)} m_{010}^{(22)} m_{101}^{(21)} + m_{000}^{(00)} m_{010}^{(10)} m_{010}^{(22)} m_{011}^{(20)} - m_{000}^{(00)} m_{010}^{(10)} m_{001}^{(10)} m_{011}^{(22)} \\
&- m_{000}^{(00)} m_{010}^{(10)} m_{001}^{(10)} m_{002}^{(21)} + m_{000}^{(00)} m_{010}^{(10)} m_{001}^{(11)} m_{002}^{(20)} + 2 m_{000}^{(00)} m_{010}^{(10)} m_{001}^{(20)} m_{011}^{(21)} \\
&+ m_{000}^{(00)} m_{010}^{(10)} m_{001}^{(21)} m_{110}^{(22)} - m_{000}^{(00)} m_{010}^{(10)} m_{001}^{(21)} m_{011}^{(20)} - m_{000}^{(00)} m_{010}^{(10)} m_{001}^{(22)} m_{110}^{(21)} \\
&+ m_{000}^{(00)} m_{010}^{(11)} m_{010}^{(20)} m_{101}^{(22)} + m_{000}^{(00)} m_{010}^{(11)} m_{010}^{(20)} m_{002}^{(20)} - m_{000}^{(00)} m_{010}^{(11)} m_{010}^{(22)} m_{101}^{(20)} \\
&+ m_{000}^{(00)} m_{010}^{(11)} m_{001}^{(00)} m_{002}^{(21)} - m_{000}^{(00)} m_{010}^{(11)} m_{001}^{(10)} m_{002}^{(20)} - m_{000}^{(00)} m_{010}^{(11)} m_{001}^{(20)} m_{101}^{(21)} \\
&+ m_{000}^{(00)} m_{010}^{(11)} m_{001}^{(21)} m_{101}^{(20)} + m_{000}^{(00)} (m_{010}^{(20)})^2 m_{011}^{(21)} - m_{000}^{(00)} m_{010}^{(20)} m_{010}^{(21)} m_{101}^{(21)} \\
&- m_{000}^{(00)} m_{010}^{(20)} m_{010}^{(21)} m_{011}^{(20)} + m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(10)} m_{020}^{(22)} + m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(10)} m_{002}^{(11)} \\
&- m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(11)} m_{110}^{(22)} - m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(11)} m_{011}^{(20)} - m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(11)} m_{002}^{(10)} \\
&- m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(20)} m_{020}^{(21)} - m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(20)} m_{011}^{(11)} + m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(21)} m_{110}^{(21)} \\
&+ m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(21)} m_{020}^{(20)} + 2 m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(21)} m_{011}^{(10)} - m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(22)} m_{020}^{(10)} \\
&+ m_{000}^{(00)} (m_{010}^{(21)})^2 m_{101}^{(20)} - m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(00)} m_{011}^{(21)} - m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(00)} m_{002}^{(11)} \\
&+ m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(10)} m_{101}^{(21)} + 2 m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(10)} m_{011}^{(20)} + m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(10)} m_{002}^{(10)} \\
&- m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(11)} m_{101}^{(20)} + m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(20)} m_{101}^{(11)} - m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(20)} m_{011}^{(10)} \\
&- m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(21)} m_{110}^{(20)} - m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(21)} m_{101}^{(10)} + m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(22)} m_{110}^{(10)} \\
&+ m_{000}^{(00)} m_{010}^{(22)} m_{001}^{(00)} m_{011}^{(11)} - m_{000}^{(00)} m_{010}^{(22)} m_{001}^{(10)} m_{101}^{(11)} - m_{000}^{(00)} m_{010}^{(22)} m_{001}^{(10)} m_{020}^{(20)} \\
&- m_{000}^{(00)} m_{010}^{(22)} m_{001}^{(10)} m_{011}^{(10)} + m_{000}^{(00)} m_{010}^{(22)} m_{001}^{(11)} m_{110}^{(20)} + m_{000}^{(00)} m_{010}^{(22)} m_{001}^{(11)} m_{101}^{(10)} \\
&+ m_{000}^{(00)} m_{010}^{(22)} m_{001}^{(20)} m_{020}^{(10)} - m_{000}^{(00)} m_{010}^{(22)} m_{001}^{(21)} m_{110}^{(10)} - m_{000}^{(00)} m_{001}^{(00)} m_{001}^{(11)} m_{011}^{(21)} \\
&+ m_{000}^{(00)} m_{001}^{(00)} m_{001}^{(21)} m_{020}^{(21)} + m_{000}^{(00)} m_{001}^{(00)} m_{001}^{(21)} m_{011}^{(11)} - m_{000}^{(00)} m_{001}^{(00)} m_{001}^{(22)} m_{020}^{(11)} \\
&+ m_{000}^{(00)} (m_{001}^{(10)})^2 m_{011}^{(21)} - m_{000}^{(00)} m_{001}^{(10)} m_{001}^{(20)} m_{020}^{(21)} - m_{000}^{(00)} m_{001}^{(10)} m_{001}^{(20)} m_{011}^{(11)}
\end{aligned}
$$

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\begin{aligned}
&-m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(21)} - m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(10)} + m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(10)} + m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(21)} + m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{110}^{(10)} + m_{000}^{(00)}(m_{001}^{(20)})^2m_{020}^{(11)} - m_{000}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(11)}\\
&-m_{000}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(10)} + m_{000}^{(00)}(m_{001}^{(21)})^2m_{110}^{(10)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(22)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(20)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(22)} + m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(21)} + m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(20)} - m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(22)} - m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(22)} - m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(21)} + m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(20)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(00)}m_{002}^{(22)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(20)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(20)} - m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(21)} - m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(22)} + m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(22)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(21)} + m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(22)} - m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(20)} - m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(20)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(21)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(10)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(10)} - m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(11)} - m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(21)} + m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(21)} + m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(11)} + m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(11)} - m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(11)} - m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(10)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(22)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(21)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(21)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(20)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(10)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(20)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(10)} + m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(21)} + m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(11)} - m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(10)} - m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(22)} + m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(20)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(21)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(11)} - m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(10)} + m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(20)} + m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(11)} + m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(10)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(21)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(10)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(00)}m_{011}^{(11)} + m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(11)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(10)} + m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(11)} + m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(10)} - m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(11)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(10)} - m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(22)} + m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(22)} - m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(20)} + m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(21)} + m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(22)} + m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(21)}\\
&+2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(20)} - m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(21)} - m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(22)} - m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(21)} + m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(20)} - m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(22)} - m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(22)} - m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(20)} + m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(20)} - m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(22)} + m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(21)}
\end{aligned}
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\begin{aligned}
&-m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(21)} - m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(10)} + m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(22)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(20)} + m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(00)} + m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(10)} - m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(21)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(10)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(00)} + m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(00)} - m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(20)} + m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{002}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(20)} - m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(00)} + m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(00)} + m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(20)} + m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(00)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(10)} - m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(00)} + m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(10)} + m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(10)} + m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(00)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(11)}m_{200}^{(20)} - m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(11)}m_{101}^{(00)} - m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(00)} + m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(10)} + m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(21)} + m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(20)} - m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(11)} - m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(20)} - m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(11)} + m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(10)} - m_{000}^{(10)}(m_{001}^{(10)})^2m_{101}^{(21)}\\
&-m_{000}^{(10)}(m_{001}^{(10)})^2m_{011}^{(20)} + m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(21)} + m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(11)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(20)} + m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(10)} + m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(20)} + m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(10)} + m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(11)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(10)} - m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(21)} - m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(20)} - m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(00)} + m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{200}^{(10)} + m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{110}^{(00)}\\
&-m_{000}^{(10)}(m_{001}^{(20)})^2m_{110}^{(11)} - m_{000}^{(10)}(m_{001}^{(20)})^2m_{020}^{(10)} + m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(10)} + m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(00)} - m_{000}^{(10)}(m_{001}^{(21)})^2m_{200}^{(10)}\\
&-m_{000}^{(10)}(m_{001}^{(21)})^2m_{110}^{(00)} - m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(11)}m_{002}^{(22)} + m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(21)}m_{011}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(21)}m_{002}^{(21)} - m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(22)}m_{011}^{(21)} + m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(10)}m_{010}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(20)}m_{010}^{(22)} - m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(20)} + m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(20)}\\
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&+m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(22)} + m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(20)} - m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(21)} - m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(22)} - m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(22)} - m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(21)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(20)} + m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(22)} + m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(20)}\\
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&-m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(20)} - m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(00)} - m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(21)}\\
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&+m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(10)} + m_{000}^{(11)}(m_{100}^{(21)})^2m_{101}^{(20)} + m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(20)}\\
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&-m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(10)} + m_{000}^{(11)}(m_{001}^{(10)})^2m_{101}^{(20)} - m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(20)}\\
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&+m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(10)} + m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(00)} + m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(20)}\\
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&+m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(22)} + m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(21)} - m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(22)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(20)} - m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(22)} - m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(22)} + m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(21)} - m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(20)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(21)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(20)}\\
&+2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(21)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(20)} - m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(00)}m_{011}^{(22)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(00)}m_{002}^{(21)} + m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(22)} + m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(22)} + m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(20)} - m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(22)}\\
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&+2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(21)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(20)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(20)} - m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(21)} - m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(21)} + m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(10)} + m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(11)} - m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(21)} - m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(11)}
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&-2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(10)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(11)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(00)}m_{020}^{(22)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(21)} + m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(11)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(22)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(21)} - m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(20)}\\
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&+m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(10)} - m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(11)} + m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(21)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(11)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(21)}\\
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&+m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(11)}m_{002}^{(20)} - m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(22)} - m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(21)}\\
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&+m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(11)} + m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(20)} - m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(10)}\\
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&+m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(21)} + m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(20)} + m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(22)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(20)} + m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(21)} - m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(20)} - m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(10)}\\
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&+m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(20)} + m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(00)} + m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(21)}\\
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&-m_{000}^{(20)}(m_{010}^{(20)})^2m_{110}^{(21)} - m_{000}^{(20)}(m_{010}^{(20)})^2m_{011}^{(10)} + m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(21)}\\
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&+m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(11)}m_{002}^{(21)}-m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(21)}m_{020}^{(22)}-2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(21)}m_{011}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(21)}m_{002}^{(11)}+m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(22)}m_{020}^{(21)}+m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(22)}m_{011}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(22)}-m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(21)}+m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(21)}+m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(20)}+m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(20)}-m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(10)}+m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(11)}-m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(20)}-m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(21)}-m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(11)}+m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(10)}-m_{000}^{(21)}(m_{100}^{(10)})^2m_{011}^{(22)}-m_{000}^{(21)}(m_{100}^{(10)})^2m_{002}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(22)}+2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(21)}+m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(22)}+m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(21)}+m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(10)}-m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(21)}-m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(20)}-m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(10)}+m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(21)}+m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(22)}+m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(22)}-m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(21)}-2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(10)}-m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(20)}-m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(20)}+m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(10)}+m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(21)}-m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(11)}+m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(20)}-m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(20)}+m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(11)}+m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(10)}-m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(00)}-m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(22)}-m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(20)}-m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(10)}+m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(10)}-m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(00)}m_{101}^{(22)}-m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(00)}m_{002}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(20)}m_{200}^{(22)}+2m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(20)}+m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(20)}-m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(00)}-m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(10)}+m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(20)}-m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(21)}-m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(10)}-m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(00)}-m_{000}^{(21)}(m_{100}^{(20)})^2m_{020}^{(21)}-m_{000}^{(21)}(m_{100}^{(20)})^2m_{011}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(21)}+m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(11)}+m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(10)}-m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(22)}-m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(22)}+m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(20)}+m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(10)}-m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(20)}-m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(00)}
\end{aligned}
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\begin{aligned}
&-m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(10)} + m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(00)} + m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(11)} - m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(21)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(20)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(10)} + m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(10)} + m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(00)} + m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(10)} - m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(10)} - m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(00)}\\
&-m_{000}^{(21)}(m_{100}^{(21)})^2m_{110}^{(20)} - m_{000}^{(21)}(m_{100}^{(21)})^2m_{101}^{(10)} + m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(00)}m_{110}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(00)}m_{101}^{(21)} - m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(22)} - m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(21)} - m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(10)} + m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(00)} + m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(10)} - m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(21)} + m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(11)} - m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(20)} + m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(20)} - m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(11)} - m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(10)} + m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(00)} - m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{110}^{(21)} + m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(21)} - m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(20)} + m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(00)} - m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(00)}m_{110}^{(11)} - m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(00)} - m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(00)}m_{110}^{(11)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(21)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(20)}\\
&+2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(21)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(20)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(21)}\\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(20)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(21)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(20)}\\
&-2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(21)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(21)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(20)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(10)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(20)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(00)}\\
&-2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(10)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(00)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(00)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(10)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(00)}\\
&+2m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(10)} - 2m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(10)} - 2m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(00)}\\
&+2m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(11)}m_{200}^{(00)} - m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(11)}m_{011}^{(21)} + m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)}m_{020}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)}m_{011}^{(11)} - m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(22)}m_{020}^{(11)} + m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(21)} - m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(10)} + m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(11)} + m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(10)} + m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(10)} + m_{000}^{(22)}(m_{100}^{(10)})^2m_{011}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(11)} - m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(11)} + m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(10)} - m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(20)} + m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(20)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(21)} + m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(20)} + m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(20)} + m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(00)} - m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(00)} + m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(11)} - m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(11)} - m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(10)} + m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(00)} + m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(21)} + m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(10)}
\end{aligned}
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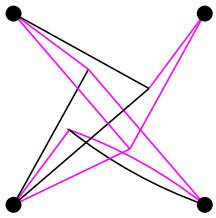
\begin{array}{llll}
-m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(10)} & +m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(00)}m_{101}^{(21)} & +m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(00)}m_{011}^{(20)} \\
-m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(20)} & -m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)}m_{200}^{(21)} & -m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(20)} \\
-m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(00)} & +m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(20)} & +m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(00)} \\
-m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(10)} & +m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(00)} & +m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(10)} \\
-m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(00)} & +m_{000}^{(22)}(m_{100}^{(20)})^2m_{020}^{(11)} & -m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(11)} \\
-m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(10)} & +m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(21)} & -m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(21)} \\
+m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(11)} & -m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(10)} & -m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(11)} \\
-m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(10)} & +2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(10)} & -m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(11)} \\
+m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(11)} & +m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(10)} & -m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(10)} \\
+m_{000}^{(22)}(m_{100}^{(21)})^2m_{110}^{(10)} & -m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}m_{110}^{(21)} & -m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}m_{101}^{(11)} \\
-m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}m_{020}^{(20)} & +m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(21)} & +2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(20)} \\
+m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(10)} & -m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(20)} & +m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(11)} \\
+m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(00)} & -m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(10)} & -m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(00)} \\
+m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(10)} & -m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(10)} & -m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(00)} \\
+m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(00)} & +m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(00)}m_{110}^{(11)} & -m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(11)} \\
-m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(10)} & +m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(10)} & -m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{101}^{(20)} \\
+m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(20)} & +m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(10)} & -m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(10)} \\
+m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(11)} & -m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(10)} & -m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(11)} \\
+m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(10)} & +m_{000}^{(22)}(m_{010}^{(10)})^2m_{101}^{(20)} & -m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(20)} \\
-m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(10)} & -m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(20)} & -m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(00)} \\
+m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(10)} & +m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(00)} & -m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(11)} \\
+m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(00)} & +m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(11)} & +m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(10)} \\
-m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(10)} & -m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(00)} & +m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(20)} \\
+m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(00)} & -m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(22)}m_{200}^{(00)} & +m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(10)} \\
-m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(10)}m_{001}^{(00)} & -m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(10)} & +m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(21)}m_{001}^{(00)} \\
+m_{000}^{(22)}(m_{010}^{(20)})^2m_{110}^{(10)} & -m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(10)} & -m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(00)} \\
+m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(11)} & -m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(11)} & -m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(10)} \\
+m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(10)} & +m_{000}^{(22)}(m_{010}^{(21)})^2m_{200}^{(00)} & -m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(10)} \\
+m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(10)} & +m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(00)} & -m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(00)}
\end{array}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & 1 & 1 & V1 \\
V2 & 2 & V2 & V4 \\
V3 & V3 & V4 & 4
\end{array}
$$



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\begin{aligned}
T_{54} \;=\;& 2m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(11)}m_{002}^{(22)} - 2m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(22)} - 2m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(21)} \\
&+2m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(21)} - m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(22)} - m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(21)} \\
&+m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(22)} + 2m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(21)} + m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(11)} \\
&-m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(21)} - m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(22)}m_{011}^{(11)} - 2m_{000}^{(00)}(m_{010}^{(10)})^2m_{002}^{(22)} \\
&+2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(22)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(21)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(22)} \\
&+2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(20)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(21)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(20)} \\
&+2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(22)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(21)} - m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(22)} \\
&-2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(21)} - m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(11)} - m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(22)} \\
&-m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(21)} - m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(20)} - m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(10)} \\
&+m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(21)} + m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{101}^{(11)} + m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(20)} \\
&+m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{011}^{(10)} - 2m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(22)} - 2m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(20)} \\
&+2m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(22)}m_{101}^{(20)} - m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{011}^{(22)} - m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(21)} \\
&+m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{110}^{(22)} + m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(21)} + m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{011}^{(20)} \\
&+m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(10)} - m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(22)}m_{110}^{(20)} - m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(22)}m_{101}^{(10)} \\
&-2m_{000}^{(00)}(m_{010}^{(20)})^2m_{011}^{(21)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(21)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(20)} \\
&-m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(22)} - 2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(21)} - m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(11)} \\
&+m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(22)} + m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(21)} + m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(20)} \\
&+m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(10)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(21)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(11)} \\
&-m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(21)} - m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(11)} - m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(20)} \\
&-m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(10)} - 2m_{000}^{(00)}(m_{010}^{(21)})^2m_{101}^{(20)} + m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(22)} \\
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&-m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(21)} - m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(20)} - m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(10)} \\
&-m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(21)} - m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(11)} - m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(20)} \\
&-m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(10)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(20)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(10)} \\
&-m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(21)} - m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(11)} + m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(21)} \\
&+m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(11)} + m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{020}^{(20)} + m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(10)} \\
&-m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(11)}m_{110}^{(20)} - m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(11)}m_{101}^{(10)} + 2m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(21)} \\
&-2m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(21)} - 2m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(11)} + 2m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(11)} \\
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&-2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(10)} - 2m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(21)} - 2m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(10)} \\
&+2m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{110}^{(10)} - 2m_{000}^{(00)}(m_{001}^{(20)})^2m_{020}^{(11)} + 2m_{000}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(11)} \\
&+2m_{000}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(10)} - 2m_{000}^{(00)}(m_{001}^{(21)})^2m_{110}^{(10)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(11)}m_{002}^{(22)} \\
&+2m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(22)} + 2m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(21)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(21)} \\
&+m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(22)} + m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(21)} - m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(22)} \\
&-2m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(21)} - m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(11)} + m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(22)}m_{020}^{(21)} \\
&+m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(22)}m_{011}^{(11)} + 4m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(22)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(22)} \\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(21)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(22)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(20)}
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&+2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(21)}+2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(20)}-2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(22)}\\
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&+m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(11)}+m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(22)}+m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(21)}\\
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&+2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(21)}-2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(22)}-2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(20)}\\
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&-m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(22)}-2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(21)}-m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(11)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(22)}+m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(21)}+m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(10)}+m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(21)}+m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(11)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(20)}+m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(10)}-2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(20)}\\
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&+2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(20)}-2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(20)}+m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(21)}\\
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&+m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(10)}+m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(22)}+m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(22)}-m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(21)}-m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(20)}\\
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&-2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(22)}-2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(20)}+m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(21)}+m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(20)}+m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(10)}\\
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&-m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(21)}-m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(20)}-m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{101}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{011}^{(00)}+m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(22)}+m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(22)}-2m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(20)}-m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(22)}m_{200}^{(20)}+m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(22)}m_{101}^{(00)}+m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(21)}+m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(20)}+m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(22)}-2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(20)}-m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(00)}
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&-2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(21)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(10)} + m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(20)} + m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(10)} + m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(00)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(22)} - m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(21)} - m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{002}^{(10)} + m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(22)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(00)} + m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(21)} + m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(10)} + m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(00)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(20)}\\
&-2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(00)} + m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{101}^{(21)} + m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(21)} - m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(20)} - m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(00)} + m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(11)}m_{200}^{(20)} + m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(11)}m_{101}^{(00)}\\
&-2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(21)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(20)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(21)}\\
&+2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(11)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(20)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(10)}\\
&-2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(11)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(10)} + 2m_{000}^{(10)}(m_{001}^{(10)})^2m_{101}^{(21)}\\
&+2m_{000}^{(10)}(m_{001}^{(10)})^2m_{011}^{(20)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(21)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(11)}\\
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&+2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(11)} + 4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(10)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(00)}\\
&+2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(21)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(20)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(10)}\\
&+2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(00)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{200}^{(10)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{110}^{(00)}\\
&+2m_{000}^{(10)}(m_{001}^{(20)})^2m_{110}^{(11)} + 2m_{000}^{(10)}(m_{001}^{(20)})^2m_{020}^{(10)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(11)}\\
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&+2m_{000}^{(10)}(m_{001}^{(21)})^2m_{110}^{(00)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(11)}m_{002}^{(22)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(21)}m_{011}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(21)}m_{002}^{(21)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(22)}m_{011}^{(21)} - m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(11)}m_{101}^{(22)}\\
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&+2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(21)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(22)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(20)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(21)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(20)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(20)} - m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(22)} - m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(21)}\\
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&+m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(20)} + m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(22)}m_{101}^{(10)} + m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(22)}m_{011}^{(00)}\\
&-2m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(22)} - 2m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(20)} + 2m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(22)} - m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(20)} + m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(20)} + m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(00)} - m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(22)}m_{101}^{(00)} - 2m_{000}^{(11)}(m_{100}^{(20)})^2m_{011}^{(21)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(20)} - m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(22)} - m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(21)}\\
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&+2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(20)} + m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(00)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(21)}
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&-m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(10)} - m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(00)} - 2m_{000}^{(11)}(m_{100}^{(21)})^2m_{101}^{(20)}\\
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&+m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(10)} - m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(22)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(20)}\\
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&+2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(10)} - 2m_{000}^{(11)}(m_{001}^{(10)})^2m_{101}^{(20)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(20)}\\
&+2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(10)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(20)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(00)}\\
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&+2m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(11)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(22)}m_{020}^{(11)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(22)}\\
&-2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(21)} + m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(22)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(11)} + m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(22)} + m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(21)}\\
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&+4m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(21)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(21)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(11)}\\
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&+2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(10)} + m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(00)}m_{011}^{(22)} + m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(00)}m_{002}^{(21)}\\
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&+m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(11)} - m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{110}^{(22)} - m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(21)}\\
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&+m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(20)} + m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(10)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(11)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(21)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(10)}\\
&+4m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(11)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(11)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(10)}\\
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&+m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(22)} + m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(21)} + m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(20)}
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&+m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(10)}+m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(21)}+m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(11)}\\
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&+2m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(10)}-2m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(10)}-2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(11)}m_{101}^{(22)}\\
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&+2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(20)}+2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(10)}-2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(21)}\\
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&+2m_{000}^{(20)}(m_{010}^{(10)})^2m_{101}^{(22)}+2m_{000}^{(20)}(m_{010}^{(10)})^2m_{002}^{(20)}-2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(22)}\\
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&+2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(00)}-2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(21)}-2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(21)}+m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(11)}+m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(10)}+m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(21)}+m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(10)}+m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(00)}-m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(11)}\\
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&+4m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(20)}+2m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(00)}-2m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{200}^{(20)}\\
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&-m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{011}^{(00)}+m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(22)}m_{200}^{(10)}+m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(22)}m_{110}^{(00)}\\
&+2m_{000}^{(20)}(m_{010}^{(20)})^2m_{110}^{(21)}+2m_{000}^{(20)}(m_{010}^{(20)})^2m_{011}^{(10)}-2m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(21)}\\
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&+2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(10)}+m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(00)}-2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(10)}
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&+2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(21)}m_{002}^{(11)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(22)}m_{020}^{(21)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(22)}m_{011}^{(11)}\\
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&+m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(20)} - m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{110}^{(21)} - m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{101}^{(11)}\\
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&-2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(10)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(21)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(20)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(10)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(20)} + m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(22)} + m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(20)} + m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(10)} + m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(22)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(20)} + m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(00)} - m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(20)} - m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(10)} - m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(00)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(21)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(20)} + m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(11)} + m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(20)} + m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(21)} + m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(20)} + m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(00)} - m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(22)}m_{200}^{(11)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(00)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(22)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(21)}\\
&+2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(20)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(10)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(10)} + m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(00)}m_{101}^{(22)} + m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(00)}m_{002}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(20)}m_{200}^{(22)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(20)} - m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(20)} + m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(00)} + m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(20)} - m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(21)} - m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(10)} - m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(00)} + m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(00)} + 2m_{000}^{(21)}(m_{100}^{(20)})^2m_{020}^{(21)} + 2m_{000}^{(21)}(m_{100}^{(20)})^2m_{011}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(21)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(11)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(10)} + m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(22)} + m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(20)} + m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(10)} - m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(20)} - m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(00)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(10)} + m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(21)} + m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(10)} + m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(00)} + m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(11)} + m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(20)} + m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(10)}
\end{aligned}
$$

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\begin{aligned}
&-m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(21)} - m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(20)} - m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(00)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(11)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(11)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(10)} + m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(00)}\\
&+2m_{000}^{(21)}(m_{100}^{(21)})^2m_{110}^{(20)} + 2m_{000}^{(21)}(m_{100}^{(21)})^2m_{101}^{(10)} - m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(00)}m_{110}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(00)}m_{101}^{(21)} - m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(20)} - m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(22)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(20)} + m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(21)} + m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(20)} + m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(00)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(20)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(21)} - m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(11)} - m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(10)} + m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(21)} + m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(10)} + m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(00)} + m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(10)} + m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(00)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(00)} + m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{110}^{(21)} + m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(21)} - m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(20)} - m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(00)} + m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(20)} + m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(00)}m_{110}^{(11)} + m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(00)} + m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(00)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(20)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(20)}\\
&+2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(10)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(10)} + 4m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(20)}\\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(10)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(10)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(20)}\\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(00)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(10)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(00)}\\
&-2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(20)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(20)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(00)}\\
&-2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(22)}m_{200}^{(00)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(20)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(20)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(00)} + 4m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(10)}\\
&-2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(10)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(00)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(20)}\\
&+2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(10)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(20)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(00)}\\
&-2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(10)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(00)} + 4m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(00)}\\
&-2m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(10)} + 2m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(10)} + 2m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(00)}\\
&-2m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(11)}m_{200}^{(00)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(11)}m_{011}^{(21)} - 2m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)}m_{020}^{(21)}\\
&-2m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)}m_{011}^{(11)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(22)}m_{020}^{(11)} - m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(11)}m_{011}^{(20)} + m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{110}^{(21)} + m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{101}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{020}^{(20)} + m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(10)} - m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(22)}m_{110}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(10)} - 2m_{000}^{(22)}(m_{100}^{(10)})^2m_{011}^{(21)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(21)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(11)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(21)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(10)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(11)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(10)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(21)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(20)} - m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(20)} - m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(10)} - m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(20)} - m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(10)} - m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(00)}
\end{aligned}
$$

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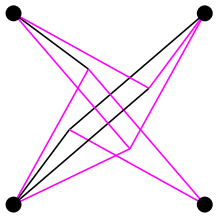
\begin{aligned}
&+m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(11)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(10)} + m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(00)}\\
&-2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(21)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(10)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(00)}m_{101}^{(21)} - m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(00)}m_{011}^{(20)} + m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)}m_{200}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(20)} + m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(10)} + m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(00)} - 2m_{000}^{(22)}(m_{100}^{(20)})^2m_{020}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(11)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(10)} - m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(11)} - m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(20)} - m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(21)} + m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{110}^{(20)} + m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{011}^{(00)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(11)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(11)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(10)} - m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(00)}\\
&-2m_{000}^{(22)}(m_{100}^{(21)})^2m_{110}^{(10)} + m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}m_{110}^{(21)} + m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}m_{101}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}m_{020}^{(20)} + m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(10)} - m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(20)} - m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(10)} - m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(11)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(10)} - m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(00)}\\
&+2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(10)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(00)} - m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(00)}m_{110}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(10)} + m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(11)} + 2m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)}m_{020}^{(00)} - m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(10)} - m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(11)}m_{110}^{(00)}\\
&+2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{101}^{(20)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(20)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(10)}\\
&+2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(10)} - 2m_{000}^{(22)}(m_{010}^{(10)})^2m_{101}^{(20)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(20)}\\
&+2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(10)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(20)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(00)}\\
&-2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(10)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(00)} - 2m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(20)}\\
&-2m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(00)} + 2m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(22)}m_{200}^{(00)} - 2m_{000}^{(22)}(m_{010}^{(20)})^2m_{110}^{(10)}\\
&+2m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(10)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(00)} - 2m_{000}^{(22)}(m_{010}^{(21)})^2m_{200}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & 1 & V1 & 1\\
V2 & V2 & 2 & 3\\
V3 & V3 & V4 & V4
\end{array}
$$



$$
\begin{aligned}
T_{55} \;=\;& m_{000}^{(00)} m_{010}^{(00)} m_{010}^{(21)} m_{011}^{(22)} - m_{000}^{(00)} m_{010}^{(00)} m_{010}^{(21)} m_{002}^{(21)} - m_{000}^{(00)} m_{010}^{(00)} m_{010}^{(22)} m_{020}^{(22)} \\
&+ m_{000}^{(00)} m_{010}^{(00)} m_{010}^{(22)} m_{011}^{(21)} - m_{000}^{(00)} m_{010}^{(00)} m_{001}^{(11)} m_{011}^{(22)} + m_{000}^{(00)} m_{010}^{(00)} m_{001}^{(11)} m_{002}^{(21)} \\
&+ m_{000}^{(00)} m_{010}^{(00)} m_{001}^{(21)} m_{020}^{(22)} - m_{000}^{(00)} m_{010}^{(00)} m_{001}^{(21)} m_{011}^{(21)} - m_{000}^{(00)} m_{010}^{(10)} m_{010}^{(20)} m_{011}^{(22)} \\
&+ m_{000}^{(00)} m_{010}^{(10)} m_{010}^{(20)} m_{002}^{(21)} - m_{000}^{(00)} m_{010}^{(10)} m_{010}^{(21)} m_{101}^{(22)} + m_{000}^{(00)} m_{010}^{(10)} m_{010}^{(21)} m_{002}^{(20)} \\
&+ 2m_{000}^{(00)} m_{010}^{(10)} m_{010}^{(22)} m_{110}^{(22)} - m_{000}^{(00)} m_{010}^{(10)} m_{010}^{(22)} m_{101}^{(21)} - m_{000}^{(00)} m_{010}^{(10)} m_{010}^{(22)} m_{011}^{(20)} \\
&+ m_{000}^{(00)} m_{010}^{(10)} m_{001}^{(10)} m_{011}^{(22)} - m_{000}^{(00)} m_{010}^{(10)} m_{001}^{(10)} m_{002}^{(21)} + m_{000}^{(00)} m_{010}^{(10)} m_{001}^{(11)} m_{101}^{(22)} \\
&- m_{000}^{(00)} m_{010}^{(10)} m_{001}^{(11)} m_{002}^{(20)} - 2m_{000}^{(00)} m_{010}^{(10)} m_{001}^{(21)} m_{110}^{(22)} + m_{000}^{(00)} m_{010}^{(10)} m_{001}^{(21)} m_{101}^{(21)} \\
&+ m_{000}^{(00)} m_{010}^{(10)} m_{001}^{(21)} m_{011}^{(20)} + m_{000}^{(00)} m_{010}^{(11)} m_{010}^{(20)} m_{101}^{(22)} - m_{000}^{(00)} m_{010}^{(11)} m_{010}^{(20)} m_{002}^{(20)} \\
&- m_{000}^{(00)} m_{010}^{(11)} m_{010}^{(22)} m_{200}^{(22)} + m_{000}^{(00)} m_{010}^{(11)} m_{010}^{(22)} m_{101}^{(20)} - m_{000}^{(00)} m_{010}^{(11)} m_{001}^{(10)} m_{101}^{(22)} \\
&+ m_{000}^{(00)} m_{010}^{(11)} m_{001}^{(10)} m_{002}^{(20)} + m_{000}^{(00)} m_{010}^{(11)} m_{001}^{(21)} m_{200}^{(22)} - m_{000}^{(00)} m_{010}^{(11)} m_{001}^{(21)} m_{101}^{(20)} \\
&+ m_{000}^{(00)} (m_{010}^{(20)})^2 m_{020}^{(22)} - m_{000}^{(00)} (m_{010}^{(20)})^2 m_{011}^{(21)} - 2m_{000}^{(00)} m_{010}^{(20)} m_{010}^{(21)} m_{110}^{(22)} \\
&+ m_{000}^{(00)} m_{010}^{(20)} m_{010}^{(21)} m_{101}^{(21)} + m_{000}^{(00)} m_{010}^{(20)} m_{010}^{(21)} m_{011}^{(20)} - m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(10)} m_{020}^{(22)} \\
&+ 2m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(10)} m_{011}^{(21)} - m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(10)} m_{002}^{(11)} + m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(11)} m_{110}^{(22)} \\
&- 3m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(11)} m_{101}^{(21)} + m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(11)} m_{011}^{(20)} + m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(11)} m_{002}^{(10)} \\
&- m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(20)} m_{020}^{(21)} + m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(20)} m_{011}^{(11)} + 2m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(21)} m_{110}^{(21)} \\
&+ m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(21)} m_{101}^{(11)} - m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(21)} m_{020}^{(20)} - 2m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(21)} m_{011}^{(10)} \\
&- m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(22)} m_{110}^{(11)} + m_{000}^{(00)} m_{010}^{(20)} m_{001}^{(22)} m_{020}^{(10)} + m_{000}^{(00)} (m_{010}^{(21)})^2 m_{200}^{(22)} \\
&- m_{000}^{(00)} (m_{010}^{(21)})^2 m_{101}^{(20)} - m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(00)} m_{011}^{(21)} + m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(00)} m_{002}^{(11)} \\
&+ m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(10)} m_{110}^{(22)} + 2m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(10)} m_{101}^{(21)} - 2m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(10)} m_{011}^{(20)} \\
&- m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(10)} m_{002}^{(10)} - m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(11)} m_{200}^{(22)} + m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(11)} m_{101}^{(20)} \\
&+ m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(20)} m_{110}^{(21)} - 2m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(20)} m_{101}^{(11)} + m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(20)} m_{011}^{(10)} \\
&- 2m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(21)} m_{200}^{(21)} + m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(21)} m_{110}^{(20)} + m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(21)} m_{101}^{(10)} \\
&+ m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(22)} m_{200}^{(11)} - m_{000}^{(00)} m_{010}^{(21)} m_{001}^{(22)} m_{110}^{(10)} + m_{000}^{(00)} m_{010}^{(22)} m_{001}^{(00)} m_{020}^{(21)} \\
&- m_{000}^{(00)} m_{010}^{(22)} m_{001}^{(00)} m_{011}^{(11)} - 3m_{000}^{(00)} m_{010}^{(22)} m_{001}^{(10)} m_{110}^{(21)} + m_{000}^{(00)} m_{010}^{(22)} m_{001}^{(10)} m_{101}^{(11)} \\
&+ m_{000}^{(00)} m_{010}^{(22)} m_{001}^{(10)} m_{020}^{(20)} + m_{000}^{(00)} m_{010}^{(22)} m_{001}^{(10)} m_{011}^{(10)} + 2m_{000}^{(00)} m_{010}^{(22)} m_{001}^{(11)} m_{200}^{(21)} \\
&- m_{000}^{(00)} m_{010}^{(22)} m_{001}^{(11)} m_{110}^{(20)} - m_{000}^{(00)} m_{010}^{(22)} m_{001}^{(11)} m_{101}^{(10)} + m_{000}^{(00)} m_{010}^{(22)} m_{001}^{(20)} m_{110}^{(11)} \\
&- m_{000}^{(00)} m_{010}^{(22)} m_{001}^{(20)} m_{020}^{(10)} - m_{000}^{(00)} m_{010}^{(22)} m_{001}^{(21)} m_{200}^{(11)} + m_{000}^{(00)} m_{010}^{(22)} m_{001}^{(21)} m_{110}^{(10)} \\
&+ m_{000}^{(00)} m_{001}^{(00)} m_{001}^{(11)} m_{011}^{(21)} - m_{000}^{(00)} m_{001}^{(00)} m_{001}^{(11)} m_{002}^{(11)} - m_{000}^{(00)} m_{001}^{(00)} m_{001}^{(21)} m_{020}^{(21)} \\
&+ m_{000}^{(00)} m_{001}^{(00)} m_{001}^{(21)} m_{011}^{(11)} - m_{000}^{(00)} (m_{001}^{(10)})^2 m_{011}^{(21)} + m_{000}^{(00)} (m_{001}^{(10)})^2 m_{002}^{(11)} \\
&+ m_{000}^{(00)} m_{001}^{(10)} m_{001}^{(20)} m_{020}^{(21)} - m_{000}^{(00)} m_{001}^{(10)} m_{001}^{(20)} m_{011}^{(11)} + m_{000}^{(00)} m_{001}^{(10)} m_{001}^{(21)} m_{110}^{(21)} \\
&- 2m_{000}^{(00)} m_{001}^{(10)} m_{001}^{(21)} m_{101}^{(11)} + m_{000}^{(00)} m_{001}^{(10)} m_{001}^{(21)} m_{011}^{(10)} + m_{000}^{(00)} m_{001}^{(10)} m_{001}^{(22)} m_{110}^{(11)} \\
&- m_{000}^{(00)} m_{001}^{(10)} m_{001}^{(22)} m_{020}^{(10)} - m_{000}^{(00)} m_{001}^{(11)} m_{001}^{(20)} m_{110}^{(21)} + 2m_{000}^{(00)} m_{001}^{(11)} m_{001}^{(20)} m_{101}^{(11)} \\
&- m_{000}^{(00)} m_{001}^{(11)} m_{001}^{(20)} m_{011}^{(10)} - m_{000}^{(00)} m_{001}^{(11)} m_{001}^{(22)} m_{200}^{(11)} + m_{000}^{(00)} m_{001}^{(11)} m_{001}^{(22)} m_{110}^{(10)} \\
&- m_{000}^{(00)} m_{001}^{(20)} m_{001}^{(21)} m_{110}^{(11)} + m_{000}^{(00)} m_{001}^{(20)} m_{001}^{(21)} m_{020}^{(10)} + m_{000}^{(00)} (m_{001}^{(21)})^2 m_{200}^{(11)} \\
&- m_{000}^{(00)} (m_{001}^{(21)})^2 m_{110}^{(10)} - m_{000}^{(10)} m_{100}^{(00)} m_{010}^{(21)} m_{011}^{(22)} + m_{000}^{(10)} m_{100}^{(00)} m_{010}^{(21)} m_{002}^{(21)} \\
&+ m_{000}^{(10)} m_{100}^{(00)} m_{010}^{(22)} m_{020}^{(22)} - m_{000}^{(10)} m_{100}^{(00)} m_{010}^{(22)} m_{011}^{(21)} + m_{000}^{(10)} m_{100}^{(00)} m_{001}^{(11)} m_{011}^{(22)} \\
&- m_{000}^{(10)} m_{100}^{(00)} m_{001}^{(11)} m_{002}^{(21)} - m_{000}^{(10)} m_{100}^{(00)} m_{001}^{(21)} m_{020}^{(21)} + m_{000}^{(10)} m_{100}^{(00)} m_{001}^{(21)} m_{011}^{(11)} \\
&+ m_{000}^{(10)} m_{100}^{(10)} m_{010}^{(20)} m_{011}^{(22)} - m_{000}^{(10)} m_{100}^{(10)} m_{010}^{(20)} m_{002}^{(21)} + m_{000}^{(10)} m_{100}^{(10)} m_{010}^{(21)} m_{101}^{(22)}
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&+m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(20)} - m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(22)} + m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(22)} + m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(20)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(20)} - m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(20)} - m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(22)} - m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(22)} - m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(20)} - m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(20)} + m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(22)} - m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(22)} + m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(20)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(21)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(22)} - m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(20)} + m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(22)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(11)} - m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(22)} + 3m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(20)} - m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(10)} + m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(11)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(21)} - m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(11)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(20)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(10)} + m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(11)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(10)} - m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(22)} + m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(22)} - m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(20)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(21)} - m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(20)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(20)} + m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(21)} - m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(11)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(22)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(21)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(10)} + m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(22)} - m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(21)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(11)} - m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(10)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(21)} - m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(20)} - m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(11)} + m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(10)} + m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(21)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(22)} + m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(20)} + m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(22)} - m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(21)} + m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(00)}m_{011}^{(11)} + 3m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(11)} - m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(20)} - m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(10)}\\
&-2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(21)} + m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(20)} + m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(11)} + m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(10)} + m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(11)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(10)} + m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(22)} - m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(22)} + m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(21)} - m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(21)} - m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(22)} + m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(22)} - m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(21)} - m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(22)} - m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(20)} - m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(20)} + m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{022}^{(20)} - m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(22)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(21)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(10)} + m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(20)} - m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(00)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(21)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(20)} - m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(10)}
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&-m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(20)} - m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(10)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(10)} - m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(00)} - m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(21)} + 3m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(20)} - m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{002}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(22)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(20)} + m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(21)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(20)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(00)} + m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(20)} - m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(00)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(10)} + m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(00)} + m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(21)}\\
&-2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(20)} + m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(10)} - m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(21)}\\
&+3m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(20)} - m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(10)} - m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(00)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(11)}m_{200}^{(20)} + m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(11)}m_{101}^{(00)} - m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(00)} + m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(10)} - m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(21)} - m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(20)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{002}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(21)} + m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(11)} + m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(20)}\\
&-3m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(10)} - m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(11)} + m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(10)}\\
&+m_{000}^{(10)}(m_{001}^{(10)})^2m_{101}^{(21)} + m_{000}^{(10)}(m_{001}^{(10)})^2m_{011}^{(20)} - 2m_{000}^{(10)}(m_{001}^{(10)})^2m_{002}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(21)} - m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(11)} - m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(20)}\\
&+3m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(10)} - m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(21)} - m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(20)}\\
&+3m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(10)} - m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(00)} + m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(11)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(10)} + m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(00)} + m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(20)} - 3m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(10)} + m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{200}^{(10)} - m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{110}^{(00)} + m_{000}^{(10)}(m_{001}^{(20)})^2m_{110}^{(11)}\\
&-m_{000}^{(10)}(m_{001}^{(20)})^2m_{020}^{(10)} - m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(11)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(00)} - m_{000}^{(10)}(m_{001}^{(21)})^2m_{200}^{(10)} + m_{000}^{(10)}(m_{001}^{(21)})^2m_{110}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(21)}m_{011}^{(22)} - m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(21)}m_{002}^{(21)} - m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(22)}m_{020}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(22)}m_{011}^{(21)} - m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(22)} + m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(22)} - m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(21)} - m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(21)} - m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(22)} + m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(22)} - m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(21)} - m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(22)} - m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(21)} + m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(20)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(22)} + m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(20)} + m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(22)} - m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(22)}m_{200}^{(22)} + m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(20)} - m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(20)} + m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(22)} - m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(20)}\\
&+m_{000}^{(11)}(m_{100}^{(20)})^2m_{020}^{(22)} - m_{000}^{(11)}(m_{100}^{(20)})^2m_{011}^{(21)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(21)} + m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(20)} - m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(21)} + m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(22)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(20)} - m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(10)} - m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(00)} + m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(21)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(20)}
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&+m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(10)} + m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(20)} + m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(10)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(00)} - m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(10)} + m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(00)}\\
&+m_{000}^{(11)}(m_{100}^{(21)})^2m_{200}^{(22)} - m_{000}^{(11)}(m_{100}^{(21)})^2m_{101}^{(20)} + m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(21)} - 3m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(20)} + m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(22)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(20)} - m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(00)}\\
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&+m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(00)} - m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(20)} + m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(10)} - m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(00)} - m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(20)} - m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(00)}m_{011}^{(10)} + m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(21)}\\
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&+m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(20)} - m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(00)} + m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(10)}\\
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&+m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(00)}m_{011}^{(22)} - m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(00)}m_{002}^{(21)} - m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(22)}\\
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&+m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(10)} - m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(21)} + m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(21)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(11)} + m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(11)} - m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(10)} + m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(21)}\\
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&+m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(21)} - m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(11)} - m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(11)} - m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(20)} + 3m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(11)} - m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(10)} + m_{000}^{(20)}(m_{010}^{(10)})^2m_{101}^{(22)}\\
&-m_{000}^{(20)}(m_{010}^{(10)})^2m_{002}^{(20)} - m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(22)} - m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(21)}\\
&+3m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(20)} - m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(10)} - m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(22)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(20)} - m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(00)} + m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(21)}\\
&-3m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(20)} + m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(10)} + m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(21)} - m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(11)} - m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(20)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(10)} - m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(20)}\\
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&-m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(10)} + m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(21)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(20)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(10)} - m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(00)} - m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(11)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(10)} + m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(22)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(00)} + m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{200}^{(20)} - m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{101}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(20)} - m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(00)} - m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(00)} + m_{000}^{(20)}(m_{010}^{(20)})^2m_{110}^{(21)} - 2m_{000}^{(20)}(m_{010}^{(20)})^2m_{020}^{(20)}\\
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&-m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(10)} - m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(00)} - m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(11)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(21)} - m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(11)}
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&+2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(00)} + m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(20)} - m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(00)}\\
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&+m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(10)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(22)}m_{200}^{(21)} - m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(10)} + m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(00)}m_{101}^{(22)} - m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(00)}m_{002}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(20)}m_{200}^{(22)} + m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(20)} + m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(20)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(10)} - m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(00)} - m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(21)} - m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(20)}\\
&+3m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(10)} - m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(00)} + m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(00)} - m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(10)} + m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(00)}\\
&-m_{000}^{(21)}(m_{100}^{(20)})^2m_{020}^{(21)} + m_{000}^{(21)}(m_{100}^{(20)})^2m_{011}^{(11)} + 3m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(11)} - m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(20)} - m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(22)} - m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(21)} - m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(22)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(21)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(20)} + m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(20)} - m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(00)} - m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(21)}
\end{aligned}
$$

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\begin{aligned}
&+2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(20)} - m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(10)} - m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(10)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(00)} + m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(00)} + m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(21)} - m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(21)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(11)} - m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(11)} + m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(10)} - 2m_{000}^{(21)}(m_{100}^{(21)})^2m_{200}^{(21)}\\
&+m_{000}^{(21)}(m_{100}^{(21)})^2m_{110}^{(20)} + m_{000}^{(21)}(m_{100}^{(21)})^2m_{101}^{(10)} - m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(00)}m_{110}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(00)}m_{101}^{(21)} + 3m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(20)} - m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(22)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(20)} + m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(21)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(20)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(00)} + m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(20)} - m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(10)} + m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(00)} - m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(11)} - m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(20)} + 3m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(21)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(20)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(00)} - m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(20)} + m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(11)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(10)} + m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(10)} - m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(00)} + m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(00)}m_{110}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(20)} + m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(21)}\\
&+3m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(20)} - m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(20)} + m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(00)} - m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(00)} + m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(00)}m_{110}^{(11)} - m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(10)} - m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(20)} + m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(20)} + m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(10)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(10)} + m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(00)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(20)}\\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(00)} - m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(20)} - m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(00)} - m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(20)} + m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(10)} - m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(00)} - m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(00)} + m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(20)} - m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(20)} - m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(10)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(20)} - m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(00)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(10)}\\
&-2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(00)} - m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(10)} + m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(20)} + m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(10)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(20)} + m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(00)} - m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(00)} - m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(10)} + m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(10)} - m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(00)} + m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(11)}m_{011}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(11)}m_{002}^{(11)} - m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)}m_{020}^{(21)} + m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)}m_{011}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(21)} + m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(11)} + m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(11)} - m_{000}^{(22)}(m_{100}^{(10)})^2m_{011}^{(21)} + m_{000}^{(22)}(m_{100}^{(10)})^2m_{002}^{(11)}
\end{aligned}
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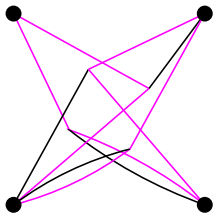
\begin{aligned}
&+m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(11)} + m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(21)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(11)} + m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(10)} + m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(10)} + m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(21)} + m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(20)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(20)} + m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(00)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(11)} - m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(20)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(20)} + m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(10)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(10)} + m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(00)} - m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(21)}\\
&+2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(11)} - m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(22)}m_{200}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(00)}m_{101}^{(21)} - m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(00)}m_{011}^{(20)}\\
&+2m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(00)}m_{002}^{(10)} + m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(20)} - m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)}m_{200}^{(21)} + m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(20)} - 3m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(00)} - m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(20)} + m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(00)} - m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(10)} - m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(21)} + m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(21)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(11)} + m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(11)} - m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(10)} + m_{000}^{(22)}(m_{100}^{(21)})^2m_{200}^{(11)}\\
&-m_{000}^{(22)}(m_{100}^{(21)})^2m_{110}^{(10)} + m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}m_{110}^{(21)} + m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}m_{101}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}m_{020}^{(20)} - 3m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(10)} - m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(21)}\\
&-2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(20)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(10)} + m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(20)} - m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(00)} - m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(10)} - m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(00)} - m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(00)} - m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(00)}m_{110}^{(11)} + m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(11)} - m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(10)} + m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{101}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{002}^{(00)} - m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(20)} - m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(10)}\\
&+2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(00)} + m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(10)} - m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(22)}m_{020}^{(00)}\\
&-m_{000}^{(22)}(m_{010}^{(10)})^2m_{101}^{(20)} + m_{000}^{(22)}(m_{010}^{(10)})^2m_{002}^{(00)} + m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(10)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(00)} + m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(00)} - m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(10)} + m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(20)} + m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(00)} - m_{000}^{(22)}(m_{010}^{(20)})^2m_{110}^{(10)}\\
&+m_{000}^{(22)}(m_{010}^{(20)})^2m_{020}^{(00)} + m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & V1 & 1 & V2\\
1 & V2 & V3 & V4\\
V3 & 3 & V4 & 4
\end{array}
$$



$$
\begin{aligned}
T_{56} \;=\;& -m^{(00)}_{000}m^{(00)}_{010}m^{(22)}_{010}m^{(22)}_{020} + 2m^{(00)}_{000}m^{(00)}_{010}m^{(22)}_{010}m^{(21)}_{011} - m^{(00)}_{000}m^{(00)}_{010}m^{(22)}_{010}m^{(11)}_{002} \\
&+m^{(00)}_{000}m^{(00)}_{010}m^{(21)}_{001}m^{(22)}_{020} - 2m^{(00)}_{000}m^{(00)}_{010}m^{(21)}_{001}m^{(21)}_{011} + m^{(00)}_{000}m^{(00)}_{010}m^{(21)}_{001}m^{(11)}_{002} \\
&+2m^{(00)}_{000}m^{(10)}_{010}m^{(22)}_{010}m^{(22)}_{110} - 2m^{(00)}_{000}m^{(10)}_{010}m^{(22)}_{010}m^{(21)}_{101} - 2m^{(00)}_{000}m^{(10)}_{010}m^{(22)}_{010}m^{(20)}_{011} \\
&+2m^{(00)}_{000}m^{(10)}_{010}m^{(22)}_{010}m^{(10)}_{002} - 2m^{(00)}_{000}m^{(10)}_{010}m^{(21)}_{001}m^{(22)}_{110} + 2m^{(00)}_{000}m^{(10)}_{010}m^{(21)}_{001}m^{(21)}_{101} \\
&+2m^{(00)}_{000}m^{(10)}_{010}m^{(21)}_{001}m^{(20)}_{011} - 2m^{(00)}_{000}m^{(10)}_{010}m^{(21)}_{001}m^{(10)}_{002} - m^{(00)}_{000}m^{(11)}_{010}m^{(22)}_{010}m^{(22)}_{200} \\
&+2m^{(00)}_{000}m^{(11)}_{010}m^{(22)}_{010}m^{(20)}_{101} - m^{(00)}_{000}m^{(11)}_{010}m^{(22)}_{010}m^{(00)}_{002} + m^{(00)}_{000}m^{(11)}_{010}m^{(21)}_{001}m^{(22)}_{200} \\
&-2m^{(00)}_{000}m^{(11)}_{010}m^{(21)}_{001}m^{(20)}_{101} + m^{(00)}_{000}m^{(11)}_{010}m^{(21)}_{001}m^{(00)}_{002} - 2m^{(00)}_{000}m^{(20)}_{010}m^{(22)}_{010}m^{(21)}_{110} \\
&+2m^{(00)}_{000}m^{(20)}_{010}m^{(22)}_{010}m^{(11)}_{101} + 2m^{(00)}_{000}m^{(20)}_{010}m^{(22)}_{010}m^{(20)}_{020} - 2m^{(00)}_{000}m^{(20)}_{010}m^{(22)}_{010}m^{(10)}_{011} \\
&+2m^{(00)}_{000}m^{(20)}_{010}m^{(21)}_{001}m^{(21)}_{110} - 2m^{(00)}_{000}m^{(20)}_{010}m^{(21)}_{001}m^{(11)}_{101} - 2m^{(00)}_{000}m^{(20)}_{010}m^{(21)}_{001}m^{(20)}_{020} \\
&+2m^{(00)}_{000}m^{(20)}_{010}m^{(21)}_{001}m^{(10)}_{011} + 2m^{(00)}_{000}m^{(21)}_{010}m^{(22)}_{010}m^{(21)}_{200} - 2m^{(00)}_{000}m^{(21)}_{010}m^{(22)}_{010}m^{(20)}_{110} \\
&-2m^{(00)}_{000}m^{(21)}_{010}m^{(22)}_{010}m^{(10)}_{101} + 2m^{(00)}_{000}m^{(21)}_{010}m^{(22)}_{010}m^{(00)}_{011} + m^{(00)}_{000}m^{(21)}_{010}m^{(21)}_{001}m^{(00)}_{001}m^{(22)}_{020} \\
&-2m^{(00)}_{000}m^{(21)}_{010}m^{(00)}_{001}m^{(21)}_{011} + m^{(00)}_{000}m^{(21)}_{010}m^{(00)}_{001}m^{(11)}_{002} - 2m^{(00)}_{000}m^{(21)}_{010}m^{(10)}_{001}m^{(22)}_{110} \\
&+2m^{(00)}_{000}m^{(21)}_{010}m^{(10)}_{001}m^{(21)}_{101} + 2m^{(00)}_{000}m^{(21)}_{010}m^{(10)}_{001}m^{(20)}_{011} - 2m^{(00)}_{000}m^{(21)}_{010}m^{(10)}_{001}m^{(10)}_{002} \\
&+m^{(00)}_{000}m^{(21)}_{010}m^{(11)}_{001}m^{(22)}_{200} - 2m^{(00)}_{000}m^{(21)}_{010}m^{(11)}_{001}m^{(20)}_{101} + m^{(00)}_{000}m^{(21)}_{010}m^{(11)}_{001}m^{(00)}_{002} \\
&+2m^{(00)}_{000}m^{(21)}_{010}m^{(20)}_{001}m^{(21)}_{110} - 2m^{(00)}_{000}m^{(21)}_{010}m^{(20)}_{001}m^{(11)}_{101} - 2m^{(00)}_{000}m^{(21)}_{010}m^{(20)}_{001}m^{(20)}_{020} \\
&+2m^{(00)}_{000}m^{(21)}_{010}m^{(20)}_{001}m^{(10)}_{011} - 4m^{(00)}_{000}m^{(21)}_{010}m^{(21)}_{001}m^{(21)}_{200} + 4m^{(00)}_{000}m^{(21)}_{010}m^{(21)}_{001}m^{(20)}_{110} \\
&+4m^{(00)}_{000}m^{(21)}_{010}m^{(21)}_{001}m^{(10)}_{101} - 4m^{(00)}_{000}m^{(21)}_{010}m^{(21)}_{001}m^{(00)}_{011} + m^{(00)}_{000}m^{(21)}_{010}m^{(22)}_{001}m^{(11)}_{200} \\
&-2m^{(00)}_{000}m^{(21)}_{010}m^{(22)}_{001}m^{(10)}_{110} + m^{(00)}_{000}m^{(21)}_{010}m^{(22)}_{001}m^{(00)}_{020} - m^{(00)}_{000}(m^{(22)}_{010})^2m^{(11)}_{200} \\
&+2m^{(00)}_{000}(m^{(22)}_{010})^2m^{(10)}_{110} - m^{(00)}_{000}(m^{(22)}_{010})^2m^{(00)}_{020} + m^{(00)}_{000}m^{(22)}_{010}m^{(21)}_{001}m^{(11)}_{200} \\
&-2m^{(00)}_{000}m^{(22)}_{010}m^{(21)}_{001}m^{(10)}_{110} + m^{(00)}_{000}m^{(22)}_{010}m^{(21)}_{001}m^{(00)}_{020} - m^{(00)}_{000}m^{(00)}_{001}m^{(11)}_{001}m^{(22)}_{020} \\
&+2m^{(00)}_{000}m^{(00)}_{001}m^{(11)}_{001}m^{(21)}_{011} - m^{(00)}_{000}m^{(00)}_{001}m^{(11)}_{001}m^{(11)}_{002} + 2m^{(00)}_{000}m^{(10)}_{001}m^{(11)}_{001}m^{(22)}_{110} \\
&-2m^{(00)}_{000}m^{(10)}_{001}m^{(11)}_{001}m^{(21)}_{101} - 2m^{(00)}_{000}m^{(10)}_{001}m^{(11)}_{001}m^{(20)}_{011} + 2m^{(00)}_{000}m^{(10)}_{001}m^{(11)}_{001}m^{(10)}_{002} \\
&-m^{(00)}_{000}(m^{(11)}_{001})^2m^{(22)}_{200} + 2m^{(00)}_{000}(m^{(11)}_{001})^2m^{(20)}_{101} - m^{(00)}_{000}(m^{(11)}_{001})^2m^{(00)}_{002} \\
&-2m^{(00)}_{000}m^{(11)}_{001}m^{(20)}_{001}m^{(21)}_{110} + 2m^{(00)}_{000}m^{(11)}_{001}m^{(20)}_{001}m^{(11)}_{101} + 2m^{(00)}_{000}m^{(11)}_{001}m^{(20)}_{001}m^{(20)}_{020} \\
&-2m^{(00)}_{000}m^{(11)}_{001}m^{(20)}_{001}m^{(10)}_{011} + 2m^{(00)}_{000}m^{(11)}_{001}m^{(21)}_{001}m^{(21)}_{200} - 2m^{(00)}_{000}m^{(11)}_{001}m^{(21)}_{001}m^{(20)}_{110} \\
&-2m^{(00)}_{000}m^{(11)}_{001}m^{(21)}_{001}m^{(10)}_{101} + 2m^{(00)}_{000}m^{(11)}_{001}m^{(21)}_{001}m^{(00)}_{011} - m^{(00)}_{000}m^{(11)}_{001}m^{(22)}_{001}m^{(11)}_{200} \\
&+2m^{(00)}_{000}m^{(11)}_{001}m^{(22)}_{001}m^{(10)}_{110} - m^{(00)}_{000}m^{(11)}_{001}m^{(22)}_{001}m^{(00)}_{020} + m^{(10)}_{000}m^{(00)}_{100}m^{(10)}_{010}m^{(22)}_{020} \\
&-2m^{(10)}_{000}m^{(00)}_{100}m^{(22)}_{010}m^{(21)}_{011} + m^{(10)}_{000}m^{(00)}_{100}m^{(22)}_{010}m^{(11)}_{002} - m^{(10)}_{000}m^{(00)}_{100}m^{(21)}_{001}m^{(22)}_{020} \\
&+2m^{(10)}_{000}m^{(00)}_{100}m^{(21)}_{001}m^{(21)}_{011} - m^{(10)}_{000}m^{(00)}_{100}m^{(21)}_{001}m^{(11)}_{002} - 2m^{(10)}_{000}m^{(10)}_{100}m^{(22)}_{010}m^{(22)}_{110} \\
&+2m^{(10)}_{000}m^{(10)}_{100}m^{(22)}_{010}m^{(21)}_{101} + 2m^{(10)}_{000}m^{(10)}_{100}m^{(22)}_{010}m^{(20)}_{011} - 2m^{(10)}_{000}m^{(10)}_{100}m^{(22)}_{010}m^{(10)}_{002} \\
&+2m^{(10)}_{000}m^{(10)}_{100}m^{(21)}_{001}m^{(22)}_{110} - 2m^{(10)}_{000}m^{(10)}_{100}m^{(21)}_{001}m^{(21)}_{101} - 2m^{(10)}_{000}m^{(10)}_{100}m^{(21)}_{001}m^{(20)}_{011} \\
&+2m^{(10)}_{000}m^{(10)}_{100}m^{(21)}_{001}m^{(10)}_{002} + m^{(10)}_{000}m^{(11)}_{100}m^{(22)}_{010}m^{(22)}_{200} - 2m^{(10)}_{000}m^{(11)}_{100}m^{(22)}_{010}m^{(20)}_{101} \\
&+m^{(10)}_{000}m^{(11)}_{100}m^{(22)}_{010}m^{(00)}_{002} - m^{(10)}_{000}m^{(11)}_{100}m^{(21)}_{001}m^{(22)}_{200} + 2m^{(10)}_{000}m^{(11)}_{100}m^{(21)}_{001}m^{(20)}_{101} \\
&-m^{(10)}_{000}m^{(11)}_{100}m^{(21)}_{001}m^{(00)}_{002} + 2m^{(10)}_{000}m^{(20)}_{100}m^{(22)}_{010}m^{(21)}_{110} - 2m^{(10)}_{000}m^{(20)}_{100}m^{(22)}_{010}m^{(11)}_{101} \\
&-2m^{(10)}_{000}m^{(20)}_{100}m^{(22)}_{010}m^{(20)}_{020} + 2m^{(10)}_{000}m^{(20)}_{100}m^{(22)}_{010}m^{(10)}_{011} - 2m^{(10)}_{000}m^{(20)}_{100}m^{(21)}_{001}m^{(21)}_{110} \\
&+2m^{(10)}_{000}m^{(20)}_{100}m^{(21)}_{001}m^{(11)}_{101} + 2m^{(10)}_{000}m^{(20)}_{100}m^{(21)}_{001}m^{(20)}_{020} - 2m^{(10)}_{000}m^{(20)}_{100}m^{(21)}_{001}m^{(10)}_{011} \\
&-2m^{(10)}_{000}m^{(21)}_{100}m^{(22)}_{010}m^{(21)}_{200} + 2m^{(10)}_{000}m^{(21)}_{100}m^{(22)}_{010}m^{(20)}_{110} + 2m^{(10)}_{000}m^{(21)}_{100}m^{(22)}_{010}m^{(10)}_{101} \\
&-2m^{(10)}_{000}m^{(21)}_{100}m^{(22)}_{010}m^{(00)}_{011} - m^{(10)}_{000}m^{(21)}_{100}m^{(21)}_{001}m^{(00)}_{020}m^{(22)} + 2m^{(10)}_{000}m^{(21)}_{100}m^{(21)}_{001}m^{(00)}_{011}
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&-m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(11)}+2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(22)}-2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(20)}+2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(10)}-m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(20)}-m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(00)}-2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(11)}+2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(20)}-2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(10)}\\
&+4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(21)}-4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(20)}-4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(10)}\\
&+4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(00)}-m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(11)}+2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(00)}+m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(22)}-2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(00)}m_{011}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(00)}m_{002}^{(11)}-2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(22)}+2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(20)}-2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{002}^{(10)}+m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(20)}+m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{002}^{(00)}+2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(11)}-2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(20)}+2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(10)}\\
&-2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(21)}+2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(20)}+2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(10)}\\
&-2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(00)}+2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(11)}-4m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(10)}\\
&+2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(22)}m_{020}^{(00)}-m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{001}^{(11)}m_{200}^{(22)}+2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{001}^{(10)}m_{110}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(00)}-m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(22)}+2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(11)}+2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(22)}-2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(21)}\\
&-2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(20)}+2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(10)}-m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(22)}\\
&+2m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(20)}-m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(00)}-m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(22)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(21)}-m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(11)}+2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(21)}-2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(20)}+2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(22)}+2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(20)}-m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(00)}\\
&-4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(21)}+4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(11)}+4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(20)}\\
&-4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(10)}+2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(21)}-2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(20)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(10)}+2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(00)}-m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(11)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(10)}-m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(00)}+2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(21)}\\
&-2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(20)}-2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(10)}+2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(00)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(11)}+2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(10)}-m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(00)}\\
&+2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(22)}-4m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(21)}+2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(10)}m_{002}^{(11)}\\
&-4m_{000}^{(10)}(m_{001}^{(10)})^2m_{110}^{(22)}+4m_{000}^{(10)}(m_{001}^{(10)})^2m_{101}^{(21)}+4m_{000}^{(10)}(m_{001}^{(10)})^2m_{011}^{(20)}\\
&-4m_{000}^{(10)}(m_{001}^{(10)})^2m_{002}^{(10)}+2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(22)}-4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(20)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(11)}m_{002}^{(00)}+4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(21)}-4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(11)}\\
&-4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(20)}+4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(10)}-4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(21)}\\
&+4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(20)}+4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(10)}-4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(00)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(11)}-4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(10)}+2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(22)}m_{020}^{(22)}+2m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(22)}m_{011}^{(21)}-m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(22)}m_{002}^{(11)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(22)}-2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(21)}+m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(20)}m_{002}^{(11)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(22)}-2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(21)}-2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(10)}-2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(22)}+2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(21)}
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&+2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(20)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(10)} - m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(22)}m_{200}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(20)} - m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(22)}m_{002}^{(00)} + m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(20)} + m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(00)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{101}^{(11)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(20)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(22)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(21)} + m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(00)}m_{002}^{(11)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(22)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(21)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(20)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(10)} + m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(22)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(00)} + 4m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(21)} - 4m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(20)}m_{101}^{(11)}\\
&-4m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(20)} + 4m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(10)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(20)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(10)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{200}^{(11)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(10)} + m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(00)}\\
&+2m_{000}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{200}^{(21)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(20)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{101}^{(10)}\\
&+2m_{000}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{011}^{(00)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(21)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(10)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(00)} - m_{000}^{(11)}(m_{100}^{(22)})^2m_{200}^{(11)}\\
&+2m_{000}^{(11)}(m_{100}^{(22)})^2m_{110}^{(10)} - m_{000}^{(11)}(m_{100}^{(22)})^2m_{020}^{(00)} + m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(20)}m_{200}^{(11)}\\
&-2m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(10)} + m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(00)} - m_{000}^{(11)}(m_{001}^{(00)})^2m_{020}^{(22)}\\
&+2m_{000}^{(11)}(m_{001}^{(00)})^2m_{011}^{(21)} - m_{000}^{(11)}(m_{001}^{(00)})^2m_{002}^{(11)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(22)}\\
&-2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(21)} - 2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(20)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{002}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{200}^{(22)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(20)} - m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{002}^{(00)}\\
&-2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(21)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{101}^{(11)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(20)}\\
&-2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(10)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{200}^{(21)} - 2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(20)}\\
&-2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(10)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(00)} - m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{200}^{(11)}\\
&+2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(10)} - m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(00)} - m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(21)}m_{020}^{(22)}\\
&+2m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(21)} - m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(11)} + m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(11)}m_{020}^{(22)}\\
&-2m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(21)} + m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(11)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(22)}\\
&-2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(21)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(20)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(22)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(21)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(20)}\\
&-2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(10)} - m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(22)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(00)} + m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(00)}m_{020}^{(22)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(11)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(22)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(20)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(10)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(22)}\\
&-4m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(20)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(00)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(11)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(20)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(21)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(20)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(00)} + m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(11)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(22)}m_{020}^{(00)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(21)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(20)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(10)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(11)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(20)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(10)}
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&-m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(00)}m_{020}^{(22)}+2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(21)}-m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(22)}-2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(21)}-2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(20)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(10)}-m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(22)}+2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(00)}-2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(21)}+2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(20)}-2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(10)}+4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(21)}\\
&-4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(20)}-4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(10)}+4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(00)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(11)}+2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(10)}-m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(00)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(21)}+2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(20)}+2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(00)}-m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(11)}+2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(00)}+m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(11)}-2m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(11)}m_{020}^{(00)}+2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(20)}m_{020}^{(22)}-4m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(21)}\\
&+2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(11)}-m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(22)}+2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(11)}-4m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(22)}+4m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(21)}\\
&+4m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(20)}-4m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(10)}-m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(00)}m_{020}^{(22)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(21)}-m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(11)}+4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(22)}\\
&-4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(21)}-4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(20)}+4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(22)}+2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(20)}-m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(00)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(21)}+2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(11)}+2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(20)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(10)}+2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(21)}-2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(20)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(10)}+2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(00)}-m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(11)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(10)}-m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(00)}+2m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(22)}\\
&-4m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(20)}+2m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(00)}-m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(22)}\\
&+2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(20)}-m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(00)}+4m_{000}^{(20)}(m_{010}^{(20)})^2m_{110}^{(21)}\\
&-4m_{000}^{(20)}(m_{010}^{(20)})^2m_{101}^{(11)}-4m_{000}^{(20)}(m_{010}^{(20)})^2m_{020}^{(20)}+4m_{000}^{(20)}(m_{010}^{(20)})^2m_{011}^{(10)}\\
&-4m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(21)}+4m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(20)}+4m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(10)}\\
&-4m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(00)}+2m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(11)}-4m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(10)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(22)}m_{020}^{(00)}-2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(21)}+2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(11)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(20)}-2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(10)}+2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(20)}-2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(10)}+2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(11)}+2m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(10)}-m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{020}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(21)}m_{020}^{(22)}-4m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(21)}m_{011}^{(21)}+2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(21)}m_{002}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(22)}+2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(21)}-m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(22)}+2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(21)}-m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(11)}\\
&-4m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(22)}+4m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(21)}+4m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(20)}\\
&-4m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(10)}+2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(22)}-2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(20)}+2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(10)}-m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(22)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(21)}-m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(11)}+4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(22)}\\
&-4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(21)}-4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(20)}+4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(10)}
\end{aligned}
$$

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\begin{aligned}
&-m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(22)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(20)} - m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(00)} \\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(21)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(11)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(20)} \\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(10)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(21)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(20)} \\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(10)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(00)} - m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(22)}m_{200}^{(11)} \\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(10)} - m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(00)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(21)}m_{200}^{(22)} \\
&-4m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(20)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(00)} - m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(20)}m_{200}^{(22)} \\
&+2m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(20)} - m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(00)} - m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(10)}m_{200}^{(22)} \\
&+2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(20)} - m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(00)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(21)} \\
&-4m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(11)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(20)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(10)} \\
&-m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(22)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(21)} - m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(11)} \\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(22)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(21)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(20)} \\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(10)} - m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(22)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(20)} \\
&-m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(00)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(21)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(11)} \\
&+4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(20)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(10)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(21)} \\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(20)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(10)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(00)} \\
&-m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(11)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(10)} - m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(00)} \\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(21)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(11)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(20)} \\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(10)} - 4m_{000}^{(21)}(m_{100}^{(21)})^2m_{200}^{(21)} + 4m_{000}^{(21)}(m_{100}^{(21)})^2m_{110}^{(20)} \\
&+4m_{000}^{(21)}(m_{100}^{(21)})^2m_{101}^{(10)} - 4m_{000}^{(21)}(m_{100}^{(21)})^2m_{011}^{(00)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{100}^{(22)}m_{200}^{(11)} \\
&-4m_{000}^{(21)}m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(10)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{100}^{(22)}m_{020}^{(00)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(21)} \\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(20)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(10)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(00)} \\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(21)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(20)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(10)} \\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(00)} - m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{200}^{(11)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(10)} \\
&-m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(00)} - m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(11)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(10)} \\
&-m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(00)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(22)} - 4m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(21)} \\
&+2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(11)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(22)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(21)} \\
&+2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(20)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(10)} + m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(11)}m_{200}^{(22)} \\
&-2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(20)} + m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(00)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(21)} \\
&-2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(11)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(20)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(10)} \\
&-2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(21)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(20)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(10)} \\
&-2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(00)} + m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(22)}m_{200}^{(11)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(10)} \\
&+m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(00)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(22)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(21)} \\
&+2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(20)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(10)} + m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{200}^{(22)} \\
&-2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(20)} + m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(00)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(21)} \\
&-2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(11)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(20)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(10)} \\
&-2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{200}^{(21)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(20)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(10)} \\
&-2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(00)} + m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{200}^{(11)} - 2m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(10)} \\
&+m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(00)} - m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(11)}m_{020}^{(22)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(11)}m_{011}^{(21)}
\end{aligned}
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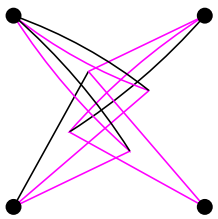
\begin{aligned}
&-m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(11)}m_{002}^{(11)} + m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(10)}m_{020}^{(22)} - 2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(11)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(22)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(21)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(20)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(10)} + m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(00)}m_{020}^{(22)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(21)} + m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(11)} - 4m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(10)}m_{110}^{(22)}\\
&+4m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(21)} + 4m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(20)} - 4m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}m_{200}^{(22)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(20)} + m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(00)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(21)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(11)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(20)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(10)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(21)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(20)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(10)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(00)} + m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(11)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(10)} + m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(00)} - m_{000}^{(22)}(m_{100}^{(11)})^2m_{200}^{(22)}\\
&+2m_{000}^{(22)}(m_{100}^{(11)})^2m_{101}^{(20)} - m_{000}^{(22)}(m_{100}^{(11)})^2m_{002}^{(00)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(21)}\\
&+2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(11)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{020}^{(20)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(21)}m_{200}^{(21)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(20)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(00)} - m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(22)}m_{200}^{(11)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(22)}m_{020}^{(00)} + m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(10)}m_{200}^{(22)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(00)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(21)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(11)}\\
&-2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(20)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(10)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(21)}\\
&+2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(20)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(10)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(11)} - 2m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(10)} + m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)}m_{020}^{(00)}\\
&-m_{000}^{(22)}(m_{010}^{(00)})^2m_{020}^{(22)} + 2m_{000}^{(22)}(m_{010}^{(00)})^2m_{011}^{(21)} - m_{000}^{(22)}(m_{010}^{(00)})^2m_{002}^{(11)}\\
&+2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{110}^{(22)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(21)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(20)}\\
&+2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(10)} - m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{200}^{(22)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{101}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{002}^{(00)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(21)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(11)}\\
&+2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{020}^{(20)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(10)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{200}^{(21)}\\
&-2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(20)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(10)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(22)}m_{200}^{(11)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(10)} - m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(22)}m_{020}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & V1 & 1 & V3\\
V2 & V2 & V3 & 3\\
2 & 2 & V4 & V4
\end{array}
$$



$$
\begin{aligned}
T_{57} \;=\;& m_{000}^{(00)} m_{000}^{(11)} m_{200}^{(11)} m_{002}^{(22)} - 2m_{000}^{(00)} m_{000}^{(11)} m_{200}^{(21)} m_{002}^{(21)} + m_{000}^{(00)} m_{000}^{(11)} m_{200}^{(22)} m_{002}^{(11)} \\
& -2m_{000}^{(00)} m_{000}^{(11)} m_{110}^{(10)} m_{002}^{(22)} + 2m_{000}^{(00)} m_{000}^{(11)} m_{110}^{(20)} m_{002}^{(21)} + 2m_{000}^{(00)} m_{000}^{(11)} m_{110}^{(21)} m_{002}^{(20)} \\
& -2m_{000}^{(00)} m_{000}^{(11)} m_{110}^{(22)} m_{002}^{(10)} + 2m_{000}^{(00)} m_{000}^{(11)} m_{101}^{(10)} m_{002}^{(21)} - 2m_{000}^{(00)} m_{000}^{(11)} m_{101}^{(11)} m_{002}^{(20)} \\
& -2m_{000}^{(00)} m_{000}^{(11)} m_{101}^{(20)} m_{002}^{(11)} + 2m_{000}^{(00)} m_{000}^{(11)} m_{101}^{(21)} m_{002}^{(10)} + m_{000}^{(00)} m_{000}^{(11)} m_{020}^{(00)} m_{002}^{(22)} \\
& -2m_{000}^{(00)} m_{000}^{(11)} m_{020}^{(20)} m_{002}^{(20)} + m_{000}^{(00)} m_{000}^{(11)} m_{020}^{(22)} m_{002}^{(00)} - 2m_{000}^{(00)} m_{000}^{(11)} m_{011}^{(00)} m_{002}^{(21)} \\
& +2m_{000}^{(00)} m_{000}^{(11)} m_{011}^{(10)} m_{002}^{(20)} + 2m_{000}^{(00)} m_{000}^{(11)} m_{011}^{(20)} m_{002}^{(10)} - 2m_{000}^{(00)} m_{000}^{(11)} m_{011}^{(21)} m_{002}^{(00)} \\
& +2m_{000}^{(00)} m_{000}^{(11)} m_{002}^{(00)} m_{002}^{(11)} - 2m_{000}^{(00)} m_{000}^{(11)} (m_{002}^{(10)})^2 - 2m_{000}^{(00)} m_{000}^{(21)} m_{200}^{(11)} m_{011}^{(22)} \\
& +4m_{000}^{(00)} m_{000}^{(21)} m_{200}^{(21)} m_{011}^{(21)} - 2m_{000}^{(00)} m_{000}^{(21)} m_{200}^{(22)} m_{011}^{(11)} + 4m_{000}^{(00)} m_{000}^{(21)} m_{110}^{(10)} m_{011}^{(22)} \\
& -4m_{000}^{(00)} m_{000}^{(21)} m_{110}^{(20)} m_{011}^{(21)} - 4m_{000}^{(00)} m_{000}^{(21)} m_{110}^{(21)} m_{011}^{(20)} + 4m_{000}^{(00)} m_{000}^{(21)} m_{110}^{(22)} m_{011}^{(10)} \\
& -4m_{000}^{(00)} m_{000}^{(21)} m_{101}^{(10)} m_{011}^{(21)} + 4m_{000}^{(00)} m_{000}^{(21)} m_{101}^{(11)} m_{011}^{(20)} + 4m_{000}^{(00)} m_{000}^{(21)} m_{101}^{(20)} m_{011}^{(11)} \\
& -4m_{000}^{(00)} m_{000}^{(21)} m_{101}^{(21)} m_{011}^{(10)} - 2m_{000}^{(00)} m_{000}^{(21)} m_{020}^{(00)} m_{011}^{(22)} + 4m_{000}^{(00)} m_{000}^{(21)} m_{020}^{(20)} m_{011}^{(20)} \\
& -2m_{000}^{(00)} m_{000}^{(21)} m_{020}^{(22)} m_{011}^{(00)} + 8m_{000}^{(00)} m_{000}^{(21)} m_{011}^{(00)} m_{011}^{(21)} - 2m_{000}^{(00)} m_{000}^{(21)} m_{011}^{(00)} m_{002}^{(11)} \\
& -8m_{000}^{(00)} m_{000}^{(21)} m_{011}^{(10)} m_{011}^{(20)} + 4m_{000}^{(00)} m_{000}^{(21)} m_{011}^{(10)} m_{002}^{(10)} - 2m_{000}^{(00)} m_{000}^{(21)} m_{011}^{(11)} m_{002}^{(00)} \\
& +m_{000}^{(00)} m_{000}^{(22)} m_{200}^{(11)} m_{020}^{(22)} - 2m_{000}^{(00)} m_{000}^{(22)} m_{200}^{(21)} m_{020}^{(21)} + m_{000}^{(00)} m_{000}^{(22)} m_{200}^{(22)} m_{020}^{(11)} \\
& -2m_{000}^{(00)} m_{000}^{(22)} m_{110}^{(10)} m_{020}^{(22)} + 2m_{000}^{(00)} m_{000}^{(22)} m_{110}^{(20)} m_{020}^{(21)} + 2m_{000}^{(00)} m_{000}^{(22)} m_{110}^{(21)} m_{020}^{(20)} \\
& -2m_{000}^{(00)} m_{000}^{(22)} m_{110}^{(22)} m_{020}^{(10)} + 2m_{000}^{(00)} m_{000}^{(22)} m_{101}^{(10)} m_{020}^{(21)} - 2m_{000}^{(00)} m_{000}^{(22)} m_{101}^{(11)} m_{020}^{(20)} \\
& -2m_{000}^{(00)} m_{000}^{(22)} m_{101}^{(20)} m_{020}^{(11)} + 2m_{000}^{(00)} m_{000}^{(22)} m_{101}^{(21)} m_{020}^{(10)} + 2m_{000}^{(00)} m_{000}^{(22)} m_{020}^{(00)} m_{020}^{(22)} \\
& -2m_{000}^{(00)} m_{000}^{(22)} m_{020}^{(00)} m_{011}^{(21)} + m_{000}^{(00)} m_{000}^{(22)} m_{020}^{(00)} m_{002}^{(11)} + 2m_{000}^{(00)} m_{000}^{(22)} m_{020}^{(10)} m_{011}^{(20)} \\
& -2m_{000}^{(00)} m_{000}^{(22)} m_{020}^{(10)} m_{002}^{(10)} + m_{000}^{(00)} m_{000}^{(22)} m_{020}^{(11)} m_{002}^{(00)} - 2m_{000}^{(00)} m_{000}^{(22)} (m_{020}^{(20)})^2 \\
& +2m_{000}^{(00)} m_{000}^{(22)} m_{020}^{(20)} m_{011}^{(10)} - 2m_{000}^{(00)} m_{000}^{(22)} m_{020}^{(21)} m_{011}^{(00)} - (m_{000}^{(10)})^2 m_{200}^{(11)} m_{002}^{(22)} \\
& +2(m_{000}^{(10)})^2 m_{200}^{(21)} m_{002}^{(21)} - (m_{000}^{(10)})^2 m_{200}^{(22)} m_{002}^{(11)} + 2(m_{000}^{(10)})^2 m_{110}^{(10)} m_{002}^{(22)} \\
& -2(m_{000}^{(10)})^2 m_{110}^{(20)} m_{002}^{(21)} - 2(m_{000}^{(10)})^2 m_{110}^{(21)} m_{002}^{(20)} + 2(m_{000}^{(10)})^2 m_{110}^{(22)} m_{002}^{(10)} \\
& -2(m_{000}^{(10)})^2 m_{101}^{(10)} m_{002}^{(21)} + 2(m_{000}^{(10)})^2 m_{101}^{(11)} m_{002}^{(20)} + 2(m_{000}^{(10)})^2 m_{101}^{(20)} m_{002}^{(11)} \\
& -2(m_{000}^{(10)})^2 m_{101}^{(21)} m_{002}^{(10)} - (m_{000}^{(10)})^2 m_{020}^{(00)} m_{002}^{(22)} + 2(m_{000}^{(10)})^2 m_{020}^{(20)} m_{002}^{(20)} \\
& -(m_{000}^{(10)})^2 m_{020}^{(22)} m_{002}^{(00)} + 2(m_{000}^{(10)})^2 m_{011}^{(00)} m_{002}^{(21)} - 2(m_{000}^{(10)})^2 m_{011}^{(10)} m_{002}^{(20)} \\
& -2(m_{000}^{(10)})^2 m_{011}^{(20)} m_{002}^{(10)} + 2(m_{000}^{(10)})^2 m_{011}^{(21)} m_{002}^{(00)} - 2(m_{000}^{(10)})^2 m_{002}^{(00)} m_{002}^{(11)} \\
& +2(m_{000}^{(10)})^2 (m_{002}^{(10)})^2 + 2m_{000}^{(10)} m_{000}^{(20)} m_{200}^{(11)} m_{011}^{(22)} - 4m_{000}^{(10)} m_{000}^{(20)} m_{200}^{(21)} m_{011}^{(21)} \\
& +2m_{000}^{(10)} m_{000}^{(20)} m_{200}^{(22)} m_{011}^{(11)} - 4m_{000}^{(10)} m_{000}^{(20)} m_{110}^{(10)} m_{011}^{(22)} + 4m_{000}^{(10)} m_{000}^{(20)} m_{110}^{(20)} m_{011}^{(21)} \\
& +4m_{000}^{(10)} m_{000}^{(20)} m_{110}^{(21)} m_{011}^{(20)} - 4m_{000}^{(10)} m_{000}^{(20)} m_{110}^{(22)} m_{011}^{(10)} + 4m_{000}^{(10)} m_{000}^{(20)} m_{101}^{(10)} m_{011}^{(21)} \\
& -4m_{000}^{(10)} m_{000}^{(20)} m_{101}^{(11)} m_{011}^{(20)} - 4m_{000}^{(10)} m_{000}^{(20)} m_{101}^{(20)} m_{011}^{(11)} + 4m_{000}^{(10)} m_{000}^{(20)} m_{101}^{(21)} m_{011}^{(10)} \\
& +2m_{000}^{(10)} m_{000}^{(20)} m_{020}^{(00)} m_{011}^{(22)} - 4m_{000}^{(10)} m_{000}^{(20)} m_{020}^{(20)} m_{011}^{(20)} + 2m_{000}^{(10)} m_{000}^{(20)} m_{020}^{(22)} m_{011}^{(00)} \\
& -8m_{000}^{(10)} m_{000}^{(20)} m_{011}^{(00)} m_{011}^{(21)} + 2m_{000}^{(10)} m_{000}^{(20)} m_{011}^{(00)} m_{002}^{(11)} + 8m_{000}^{(10)} m_{000}^{(20)} m_{011}^{(10)} m_{011}^{(20)} \\
& -4m_{000}^{(10)} m_{000}^{(20)} m_{011}^{(10)} m_{002}^{(10)} + 2m_{000}^{(10)} m_{000}^{(20)} m_{011}^{(11)} m_{002}^{(00)} + 2m_{000}^{(10)} m_{000}^{(21)} m_{000}^{(11)} m_{200}^{(22)} m_{101}^{(22)} \\
& -4m_{000}^{(10)} m_{000}^{(21)} m_{200}^{(21)} m_{101}^{(21)} + 2m_{000}^{(10)} m_{000}^{(21)} m_{200}^{(22)} m_{101}^{(11)} - 4m_{000}^{(10)} m_{000}^{(21)} m_{110}^{(10)} m_{101}^{(22)} \\
& +4m_{000}^{(10)} m_{000}^{(21)} m_{110}^{(20)} m_{101}^{(21)} + 4m_{000}^{(10)} m_{000}^{(21)} m_{110}^{(21)} m_{101}^{(20)} - 4m_{000}^{(10)} m_{000}^{(21)} m_{110}^{(22)} m_{101}^{(10)} \\
& +2m_{000}^{(10)} m_{000}^{(21)} m_{101}^{(00)} m_{020}^{(22)} - 4m_{000}^{(10)} m_{000}^{(21)} m_{101}^{(00)} m_{011}^{(21)} + 2m_{000}^{(10)} m_{000}^{(21)} m_{101}^{(00)} m_{002}^{(11)} \\
& +8m_{000}^{(10)} m_{000}^{(21)} m_{101}^{(10)} m_{101}^{(21)} + 4m_{000}^{(10)} m_{000}^{(21)} m_{101}^{(10)} m_{011}^{(20)} - 4m_{000}^{(10)} m_{000}^{(21)} m_{101}^{(10)} m_{002}^{(10)} \\
& -8m_{000}^{(10)} m_{000}^{(21)} m_{101}^{(11)} m_{101}^{(20)} + 2m_{000}^{(10)} m_{000}^{(21)} m_{101}^{(11)} m_{002}^{(00)} - 4m_{000}^{(10)} m_{000}^{(21)} m_{101}^{(20)} m_{020}^{(20)}
\end{aligned}
$$

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\begin{aligned}
&+4m_{000}^{(10)}m_{000}^{(21)}m_{101}^{(20)}m_{011}^{(10)} - 4m_{000}^{(10)}m_{000}^{(21)}m_{101}^{(21)}m_{011}^{(00)} + 2m_{000}^{(10)}m_{000}^{(21)}m_{101}^{(22)}m_{020}^{(00)}\\
&-2m_{000}^{(10)}m_{000}^{(22)}m_{200}^{(11)}m_{110}^{(22)} + 4m_{000}^{(10)}m_{000}^{(22)}m_{200}^{(21)}m_{110}^{(21)} - 2m_{000}^{(10)}m_{000}^{(22)}m_{200}^{(22)}m_{110}^{(11)}\\
&-2m_{000}^{(10)}m_{000}^{(22)}m_{110}^{(00)}m_{020}^{(22)} + 4m_{000}^{(10)}m_{000}^{(22)}m_{110}^{(00)}m_{011}^{(21)} - 2m_{000}^{(10)}m_{000}^{(22)}m_{110}^{(00)}m_{002}^{(11)}\\
&+8m_{000}^{(10)}m_{000}^{(22)}m_{110}^{(10)}m_{110}^{(22)} - 4m_{000}^{(10)}m_{000}^{(22)}m_{110}^{(10)}m_{101}^{(21)} - 4m_{000}^{(10)}m_{000}^{(22)}m_{110}^{(10)}m_{011}^{(20)}\\
&+4m_{000}^{(10)}m_{000}^{(22)}m_{110}^{(10)}m_{002}^{(10)} + 4m_{000}^{(10)}m_{000}^{(22)}m_{110}^{(11)}m_{101}^{(20)} - 2m_{000}^{(10)}m_{000}^{(22)}m_{110}^{(11)}m_{002}^{(00)}\\
&-8m_{000}^{(10)}m_{000}^{(22)}m_{110}^{(20)}m_{110}^{(21)} + 4m_{000}^{(10)}m_{000}^{(22)}m_{110}^{(20)}m_{101}^{(11)} + 4m_{000}^{(10)}m_{000}^{(22)}m_{110}^{(20)}m_{020}^{(20)}\\
&-4m_{000}^{(10)}m_{000}^{(22)}m_{110}^{(20)}m_{011}^{(10)} - 4m_{000}^{(10)}m_{000}^{(22)}m_{110}^{(21)}m_{101}^{(10)} + 4m_{000}^{(10)}m_{000}^{(22)}m_{110}^{(21)}m_{011}^{(00)}\\
&-2m_{000}^{(10)}m_{000}^{(22)}m_{110}^{(22)}m_{020}^{(00)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{200}^{(11)}m_{101}^{(22)} + 4m_{000}^{(11)}m_{000}^{(20)}m_{200}^{(21)}m_{101}^{(21)}\\
&-2m_{000}^{(11)}m_{000}^{(20)}m_{200}^{(22)}m_{101}^{(11)} + 4m_{000}^{(11)}m_{000}^{(20)}m_{110}^{(10)}m_{101}^{(22)} - 4m_{000}^{(11)}m_{000}^{(20)}m_{200}^{(20)}m_{101}^{(21)}\\
&-4m_{000}^{(11)}m_{000}^{(20)}m_{110}^{(21)}m_{101}^{(20)} + 4m_{000}^{(11)}m_{000}^{(20)}m_{110}^{(22)}m_{101}^{(10)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{101}^{(00)}m_{020}^{(22)}\\
&+4m_{000}^{(11)}m_{000}^{(20)}m_{101}^{(00)}m_{011}^{(21)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{101}^{(00)}m_{002}^{(11)} - 8m_{000}^{(11)}m_{000}^{(20)}m_{101}^{(10)}m_{101}^{(21)}\\
&-4m_{000}^{(11)}m_{000}^{(20)}m_{101}^{(10)}m_{011}^{(20)} + 4m_{000}^{(11)}m_{000}^{(20)}m_{101}^{(10)}m_{002}^{(10)} + 8m_{000}^{(11)}m_{000}^{(20)}m_{101}^{(11)}m_{101}^{(20)}\\
&-2m_{000}^{(11)}m_{000}^{(20)}m_{101}^{(11)}m_{002}^{(00)} + 4m_{000}^{(11)}m_{000}^{(20)}m_{101}^{(20)}m_{020}^{(20)} - 4m_{000}^{(11)}m_{000}^{(20)}m_{101}^{(20)}m_{011}^{(10)}\\
&+4m_{000}^{(11)}m_{000}^{(20)}m_{101}^{(21)}m_{011}^{(00)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{101}^{(22)}m_{020}^{(00)} + m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(00)}m_{200}^{(22)}m_{020}^{(00)}\\
&-2m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(00)}m_{011}^{(21)} + m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(00)}m_{002}^{(11)} - 2m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(10)}m_{110}^{(22)}\\
&+2m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(10)}m_{101}^{(21)} + 2m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(10)}m_{011}^{(20)} - 2m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(10)}m_{002}^{(10)}\\
&+2m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(11)}m_{200}^{(22)} - 2m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(11)}m_{101}^{(20)} + m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(11)}m_{002}^{(00)}\\
&+2m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(20)}m_{110}^{(21)} - 2m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(20)}m_{101}^{(11)} - 2m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(20)}m_{020}^{(20)}\\
&+2m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(20)}m_{011}^{(10)} - 2m_{000}^{(11)}m_{000}^{(22)}(m_{200}^{(21)})^2 + 2m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(21)}m_{110}^{(20)}\\
&+2m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(21)}m_{101}^{(10)} - 2m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(21)}m_{011}^{(00)} - 2m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(22)}m_{110}^{(10)}\\
&+m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(22)}m_{020}^{(00)} - (m_{000}^{(20)})^2m_{200}^{(11)}m_{020}^{(22)} + 2(m_{000}^{(20)})^2m_{200}^{(21)}m_{020}^{(21)}\\
&-(m_{000}^{(20)})^2m_{200}^{(22)}m_{020}^{(11)} + 2(m_{000}^{(20)})^2m_{110}^{(10)}m_{020}^{(22)} - 2(m_{000}^{(20)})^2m_{110}^{(20)}m_{020}^{(21)}\\
&-2(m_{000}^{(20)})^2m_{110}^{(21)}m_{020}^{(20)} + 2(m_{000}^{(20)})^2m_{110}^{(22)}m_{020}^{(10)} - 2(m_{000}^{(20)})^2m_{101}^{(10)}m_{020}^{(21)}\\
&+2(m_{000}^{(20)})^2m_{101}^{(11)}m_{020}^{(20)} + 2(m_{000}^{(20)})^2m_{101}^{(20)}m_{020}^{(11)} - 2(m_{000}^{(20)})^2m_{101}^{(21)}m_{020}^{(10)}\\
&-2(m_{000}^{(20)})^2m_{020}^{(00)}m_{020}^{(22)} + 2(m_{000}^{(20)})^2m_{020}^{(00)}m_{011}^{(21)} - (m_{000}^{(20)})^2m_{020}^{(00)}m_{002}^{(11)}\\
&-2(m_{000}^{(20)})^2m_{020}^{(10)}m_{011}^{(20)} + 2(m_{000}^{(20)})^2m_{020}^{(10)}m_{002}^{(10)} - (m_{000}^{(20)})^2m_{020}^{(11)}m_{002}^{(00)}\\
&+2(m_{000}^{(20)})^2(m_{020}^{(20)})^2 - 2(m_{000}^{(20)})^2m_{020}^{(20)}m_{011}^{(10)} + 2(m_{000}^{(20)})^2m_{020}^{(21)}m_{011}^{(00)}\\
&+2m_{000}^{(20)}m_{000}^{(21)}m_{200}^{(11)}m_{110}^{(22)} - 4m_{000}^{(20)}m_{000}^{(21)}m_{200}^{(21)}m_{110}^{(21)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{200}^{(22)}m_{110}^{(11)}\\
&+2m_{000}^{(20)}m_{000}^{(21)}m_{110}^{(00)}m_{020}^{(22)} - 4m_{000}^{(20)}m_{000}^{(21)}m_{110}^{(00)}m_{011}^{(21)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{110}^{(00)}m_{002}^{(11)}\\
&-8m_{000}^{(20)}m_{000}^{(21)}m_{110}^{(10)}m_{110}^{(22)} + 4m_{000}^{(20)}m_{000}^{(21)}m_{110}^{(10)}m_{101}^{(21)} + 4m_{000}^{(20)}m_{000}^{(21)}m_{110}^{(10)}m_{011}^{(20)}\\
&-4m_{000}^{(20)}m_{000}^{(21)}m_{110}^{(10)}m_{002}^{(10)} - 4m_{000}^{(20)}m_{000}^{(21)}m_{110}^{(11)}m_{101}^{(20)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{110}^{(11)}m_{002}^{(00)}\\
&+8m_{000}^{(20)}m_{000}^{(21)}m_{110}^{(20)}m_{110}^{(21)} - 4m_{000}^{(20)}m_{000}^{(21)}m_{110}^{(20)}m_{101}^{(11)} - 4m_{000}^{(20)}m_{000}^{(21)}m_{110}^{(20)}m_{020}^{(20)}\\
&+4m_{000}^{(20)}m_{000}^{(21)}m_{110}^{(20)}m_{011}^{(10)} + 4m_{000}^{(20)}m_{000}^{(21)}m_{110}^{(21)}m_{101}^{(10)} - 4m_{000}^{(20)}m_{000}^{(21)}m_{110}^{(21)}m_{011}^{(00)}\\
&+2m_{000}^{(20)}m_{000}^{(21)}m_{110}^{(22)}m_{020}^{(00)} - (m_{000}^{(21)})^2m_{200}^{(00)}m_{020}^{(22)} + 2(m_{000}^{(21)})^2m_{200}^{(00)}m_{011}^{(21)}\\
&-(m_{000}^{(21)})^2m_{200}^{(00)}m_{002}^{(11)} + 2(m_{000}^{(21)})^2m_{200}^{(10)}m_{110}^{(22)} - 2(m_{000}^{(21)})^2m_{200}^{(10)}m_{101}^{(21)}\\
&-2(m_{000}^{(21)})^2m_{200}^{(10)}m_{011}^{(20)} + 2(m_{000}^{(21)})^2m_{200}^{(10)}m_{002}^{(10)} - 2(m_{000}^{(21)})^2m_{200}^{(11)}m_{200}^{(22)}\\
&+2(m_{000}^{(21)})^2m_{200}^{(11)}m_{101}^{(20)} - (m_{000}^{(21)})^2m_{200}^{(11)}m_{002}^{(00)} - 2(m_{000}^{(21)})^2m_{200}^{(20)}m_{110}^{(21)}\\
&+2(m_{000}^{(21)})^2m_{200}^{(20)}m_{101}^{(11)} + 2(m_{000}^{(21)})^2m_{200}^{(20)}m_{020}^{(20)} - 2(m_{000}^{(21)})^2m_{200}^{(20)}m_{011}^{(10)}
\end{aligned}
$$

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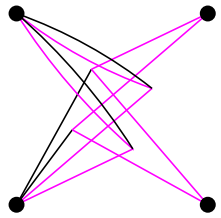
\begin{aligned}
&+2(m_{000}^{(21)})^2(m_{200}^{(21)})^2 - 2(m_{000}^{(21)})^2m_{200}^{(21)}m_{110}^{(20)} - 2(m_{000}^{(21)})^2m_{200}^{(21)}m_{101}^{(10)}\\
&+2(m_{000}^{(21)})^2m_{200}^{(21)}m_{011}^{(00)} + 2(m_{000}^{(21)})^2m_{200}^{(22)}m_{110}^{(10)} - (m_{000}^{(21)})^2m_{200}^{(22)}m_{020}^{(00)}
\end{aligned}
$$

Generating graph:

$$\begin{array}{cccc} V1 & V1 & 1 & 1 \\ V2 & V2 & V3 & V3 \\ 2 & 2 & V4 & V4 \end{array}$$



$$\begin{aligned} T_{58} \;=\; & -m_{100}^{(00)} m_{200}^{(11)} m_{020}^{(21)} m_{002}^{(22)} + m_{100}^{(00)} m_{200}^{(11)} m_{020}^{(22)} m_{002}^{(21)} + m_{100}^{(00)} m_{200}^{(11)} m_{011}^{(11)} m_{002}^{(22)} \\ & -m_{100}^{(00)} m_{200}^{(11)} m_{011}^{(22)} m_{002}^{(11)} + 2m_{100}^{(00)} m_{200}^{(21)} m_{020}^{(21)} m_{011}^{(22)} - 2m_{100}^{(00)} m_{200}^{(21)} m_{020}^{(22)} m_{011}^{(21)} \\ & -2m_{100}^{(00)} m_{200}^{(21)} m_{011}^{(11)} m_{002}^{(21)} + 2m_{100}^{(00)} m_{200}^{(21)} m_{011}^{(21)} m_{002}^{(11)} - m_{100}^{(00)} m_{200}^{(22)} m_{020}^{(11)} m_{011}^{(22)} \\ & +m_{100}^{(00)} m_{200}^{(22)} m_{020}^{(11)} m_{002}^{(21)} - m_{100}^{(00)} m_{200}^{(22)} m_{020}^{(21)} m_{002}^{(11)} + m_{100}^{(00)} m_{200}^{(22)} m_{020}^{(22)} m_{011}^{(11)} \\ & +m_{100}^{(00)} m_{110}^{(11)} m_{110}^{(21)} m_{002}^{(22)} + m_{100}^{(00)} m_{110}^{(11)} m_{110}^{(22)} m_{011}^{(22)} - 2m_{100}^{(00)} m_{110}^{(11)} m_{110}^{(22)} m_{002}^{(21)} \\ & -m_{100}^{(00)} m_{110}^{(11)} m_{101}^{(11)} m_{002}^{(22)} + m_{100}^{(00)} m_{110}^{(11)} m_{101}^{(21)} m_{011}^{(22)} - m_{100}^{(00)} m_{110}^{(11)} m_{101}^{(22)} m_{020}^{(22)} \\ & +m_{100}^{(00)} m_{110}^{(11)} m_{101}^{(22)} m_{002}^{(11)} + m_{100}^{(00)} m_{110}^{(11)} m_{020}^{(20)} m_{002}^{(22)} - m_{100}^{(00)} m_{110}^{(11)} m_{011}^{(10)} m_{002}^{(22)} \\ & -m_{100}^{(00)} m_{110}^{(11)} m_{011}^{(20)} m_{011}^{(22)} + m_{100}^{(00)} m_{110}^{(11)} m_{011}^{(22)} m_{002}^{(10)} - m_{100}^{(00)} m_{110}^{(20)} m_{020}^{(11)} m_{002}^{(22)} \\ & +2m_{100}^{(00)} m_{110}^{(20)} m_{020}^{(21)} m_{002}^{(21)} - m_{100}^{(00)} m_{110}^{(20)} m_{020}^{(22)} m_{002}^{(11)} + 2m_{100}^{(00)} m_{110}^{(20)} m_{011}^{(11)} m_{011}^{(22)} \\ & -2m_{100}^{(00)} m_{110}^{(20)} (m_{011}^{(21)})^2 - 2m_{100}^{(00)} (m_{110}^{(21)})^2 m_{011}^{(22)} + 2m_{100}^{(00)} m_{110}^{(21)} m_{110}^{(22)} m_{011}^{(21)} \\ & +m_{100}^{(00)} m_{110}^{(21)} m_{110}^{(22)} m_{002}^{(11)} - m_{100}^{(00)} m_{110}^{(21)} m_{101}^{(11)} m_{011}^{(22)} + 2m_{100}^{(00)} m_{110}^{(21)} m_{101}^{(11)} m_{002}^{(21)} \\ & +2m_{100}^{(00)} m_{110}^{(21)} m_{101}^{(21)} m_{020}^{(22)} - 2m_{100}^{(00)} m_{110}^{(21)} m_{101}^{(21)} m_{002}^{(11)} - m_{100}^{(00)} m_{110}^{(21)} m_{101}^{(22)} m_{011}^{(11)} \\ & -2m_{100}^{(00)} m_{110}^{(21)} m_{020}^{(20)} m_{002}^{(21)} + 2m_{100}^{(00)} m_{110}^{(21)} m_{011}^{(10)} m_{002}^{(21)} + 2m_{100}^{(00)} m_{110}^{(21)} m_{011}^{(20)} m_{011}^{(21)} \\ & -2m_{100}^{(00)} m_{110}^{(21)} m_{011}^{(21)} m_{002}^{(10)} - m_{100}^{(00)} (m_{110}^{(22)})^2 m_{011}^{(11)} - 2m_{100}^{(00)} m_{110}^{(22)} m_{101}^{(21)} m_{020}^{(21)} \\ & +m_{100}^{(00)} m_{110}^{(22)} m_{101}^{(21)} m_{011}^{(11)} + m_{100}^{(00)} m_{110}^{(22)} m_{101}^{(22)} m_{020}^{(11)} + m_{100}^{(00)} m_{110}^{(22)} m_{020}^{(20)} m_{002}^{(11)} \\ & -m_{100}^{(00)} m_{110}^{(22)} m_{011}^{(10)} m_{002}^{(11)} - m_{100}^{(00)} m_{110}^{(22)} m_{011}^{(11)} m_{011}^{(20)} + m_{100}^{(00)} m_{110}^{(22)} m_{011}^{(11)} m_{002}^{(10)} \\ & +m_{100}^{(00)} m_{101}^{(10)} m_{011}^{(11)} m_{020}^{(22)} - 2m_{100}^{(00)} m_{101}^{(10)} m_{020}^{(21)} m_{002}^{(21)} + m_{100}^{(00)} m_{101}^{(10)} m_{020}^{(22)} m_{002}^{(11)} \\ & -2m_{100}^{(00)} m_{101}^{(10)} m_{011}^{(11)} m_{011}^{(22)} + 2m_{100}^{(00)} m_{101}^{(10)} (m_{011}^{(21)})^2 + m_{100}^{(00)} (m_{101}^{(11)})^2 m_{011}^{(22)} \\ & -m_{100}^{(00)} m_{101}^{(11)} m_{101}^{(21)} m_{020}^{(22)} - 2m_{100}^{(00)} m_{101}^{(11)} m_{101}^{(21)} m_{011}^{(21)} + 2m_{100}^{(00)} m_{101}^{(11)} m_{101}^{(22)} m_{020}^{(21)} \\ & -m_{100}^{(00)} m_{101}^{(11)} m_{101}^{(22)} m_{011}^{(11)} - m_{100}^{(00)} m_{101}^{(11)} m_{020}^{(20)} m_{011}^{(22)} + m_{100}^{(00)} m_{101}^{(11)} m_{020}^{(22)} m_{011}^{(20)} \\ & -m_{100}^{(00)} m_{101}^{(11)} m_{020}^{(22)} m_{002}^{(10)} + m_{100}^{(00)} m_{101}^{(11)} m_{011}^{(10)} m_{011}^{(22)} + 2m_{100}^{(00)} (m_{101}^{(21)})^2 m_{011}^{(11)} \end{aligned}$$

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\begin{aligned}
&-m_{100}^{(00)}m_{101}^{(21)}m_{101}^{(22)}m_{020}^{(11)}+2m_{100}^{(00)}m_{101}^{(21)}m_{020}^{(20)}m_{011}^{(21)}-2m_{100}^{(00)}m_{101}^{(21)}m_{020}^{(21)}m_{011}^{(20)}\\
&+2m_{100}^{(00)}m_{101}^{(21)}m_{020}^{(21)}m_{002}^{(10)}-2m_{100}^{(00)}m_{101}^{(21)}m_{011}^{(10)}m_{011}^{(21)}+m_{100}^{(00)}m_{101}^{(22)}m_{020}^{(11)}m_{011}^{(20)}\\
&-m_{100}^{(00)}m_{101}^{(22)}m_{020}^{(11)}m_{002}^{(10)}-m_{100}^{(00)}m_{101}^{(22)}m_{020}^{(20)}m_{011}^{(11)}+m_{100}^{(00)}m_{101}^{(22)}m_{011}^{(10)}m_{011}^{(11)}\\
&+2m_{100}^{(10)}m_{200}^{(10)}m_{020}^{(21)}m_{002}^{(22)}-2m_{100}^{(10)}m_{200}^{(10)}m_{020}^{(22)}m_{002}^{(21)}-2m_{100}^{(10)}m_{200}^{(10)}m_{011}^{(11)}m_{002}^{(22)}\\
&+2m_{100}^{(10)}m_{200}^{(10)}m_{011}^{(22)}m_{002}^{(11)}-2m_{100}^{(10)}m_{200}^{(20)}m_{020}^{(21)}m_{011}^{(22)}+2m_{100}^{(10)}m_{200}^{(20)}m_{020}^{(22)}m_{011}^{(21)}\\
&+2m_{100}^{(10)}m_{200}^{(20)}m_{011}^{(11)}m_{002}^{(21)}-2m_{100}^{(10)}m_{200}^{(20)}m_{011}^{(21)}m_{002}^{(11)}-2m_{100}^{(10)}m_{200}^{(21)}m_{020}^{(20)}m_{011}^{(22)}\\
&+2m_{100}^{(10)}m_{200}^{(21)}m_{020}^{(20)}m_{002}^{(21)}-2m_{100}^{(10)}m_{200}^{(21)}m_{020}^{(21)}m_{002}^{(20)}+2m_{100}^{(10)}m_{200}^{(21)}m_{020}^{(22)}m_{011}^{(20)}\\
&+2m_{100}^{(10)}m_{200}^{(21)}m_{011}^{(11)}m_{002}^{(20)}-2m_{100}^{(10)}m_{200}^{(21)}m_{011}^{(20)}m_{002}^{(11)}+2m_{100}^{(10)}m_{200}^{(22)}m_{020}^{(10)}m_{011}^{(22)}\\
&-2m_{100}^{(10)}m_{200}^{(22)}m_{020}^{(10)}m_{002}^{(21)}+2m_{100}^{(10)}m_{200}^{(22)}m_{020}^{(21)}m_{002}^{(10)}-2m_{100}^{(10)}m_{200}^{(22)}m_{020}^{(22)}m_{011}^{(10)}\\
&+2m_{100}^{(10)}m_{200}^{(22)}m_{011}^{(10)}m_{002}^{(11)}-2m_{100}^{(10)}m_{200}^{(22)}m_{011}^{(11)}m_{002}^{(10)}-2m_{100}^{(10)}m_{110}^{(10)}m_{110}^{(21)}m_{002}^{(22)}\\
&-2m_{100}^{(10)}m_{110}^{(10)}m_{110}^{(22)}m_{011}^{(22)}+4m_{100}^{(10)}m_{110}^{(10)}m_{110}^{(22)}m_{002}^{(21)}+2m_{100}^{(10)}m_{110}^{(10)}m_{110}^{(11)}m_{002}^{(22)}\\
&-2m_{100}^{(10)}m_{110}^{(10)}m_{101}^{(21)}m_{011}^{(22)}+2m_{100}^{(10)}m_{110}^{(10)}m_{101}^{(22)}m_{020}^{(22)}-2m_{100}^{(10)}m_{110}^{(10)}m_{101}^{(22)}m_{002}^{(11)}\\
&-2m_{100}^{(10)}m_{110}^{(10)}m_{020}^{(20)}m_{002}^{(22)}+2m_{100}^{(10)}m_{110}^{(10)}m_{011}^{(10)}m_{002}^{(22)}+2m_{100}^{(10)}m_{110}^{(10)}m_{011}^{(20)}m_{011}^{(22)}\\
&-2m_{100}^{(10)}m_{110}^{(10)}m_{011}^{(22)}m_{002}^{(10)}+4m_{100}^{(10)}m_{110}^{(20)}m_{110}^{(21)}m_{011}^{(22)}-2m_{100}^{(10)}m_{110}^{(20)}m_{110}^{(21)}m_{002}^{(21)}\\
&-2m_{100}^{(10)}m_{110}^{(20)}m_{110}^{(22)}m_{011}^{(21)}-2m_{100}^{(10)}m_{110}^{(20)}m_{101}^{(11)}m_{002}^{(21)}-2m_{100}^{(10)}m_{110}^{(20)}m_{101}^{(21)}m_{020}^{(22)}\\
&+2m_{100}^{(10)}m_{110}^{(20)}m_{101}^{(21)}m_{011}^{(21)}+2m_{100}^{(10)}m_{110}^{(20)}m_{101}^{(21)}m_{002}^{(11)}+2m_{100}^{(10)}m_{110}^{(20)}m_{020}^{(10)}m_{002}^{(22)}\\
&-2m_{100}^{(10)}m_{110}^{(20)}m_{020}^{(21)}m_{002}^{(20)}+2m_{100}^{(10)}m_{110}^{(20)}m_{020}^{(22)}m_{002}^{(10)}-4m_{100}^{(10)}m_{110}^{(20)}m_{011}^{(10)}m_{011}^{(22)}\\
&-2m_{100}^{(10)}m_{110}^{(20)}m_{011}^{(10)}m_{002}^{(21)}+2m_{100}^{(10)}m_{110}^{(20)}m_{011}^{(20)}m_{011}^{(21)}+2m_{100}^{(10)}m_{110}^{(20)}m_{011}^{(21)}m_{002}^{(10)}\\
&+2m_{100}^{(10)}(m_{110}^{(21)})^2m_{002}^{(20)}-2m_{100}^{(10)}m_{110}^{(21)}m_{110}^{(22)}m_{011}^{(20)}-2m_{100}^{(10)}m_{110}^{(21)}m_{110}^{(22)}m_{002}^{(10)}\\
&+2m_{100}^{(10)}m_{110}^{(21)}m_{101}^{(10)}m_{011}^{(22)}-2m_{100}^{(10)}m_{110}^{(21)}m_{101}^{(11)}m_{002}^{(20)}-2m_{100}^{(10)}m_{110}^{(21)}m_{101}^{(20)}m_{020}^{(22)}\\
&-2m_{100}^{(10)}m_{110}^{(21)}m_{101}^{(20)}m_{011}^{(21)}+2m_{100}^{(10)}m_{110}^{(21)}m_{101}^{(20)}m_{002}^{(11)}+2m_{100}^{(10)}m_{110}^{(21)}m_{101}^{(22)}m_{011}^{(10)}\\
&+2m_{100}^{(10)}m_{110}^{(21)}m_{020}^{(20)}m_{002}^{(20)}-2m_{100}^{(10)}m_{110}^{(21)}m_{011}^{(10)}m_{002}^{(20)}-2m_{100}^{(10)}m_{110}^{(21)}(m_{011}^{(20)})^2\\
&+2m_{100}^{(10)}m_{110}^{(21)}m_{011}^{(20)}m_{002}^{(10)}+2m_{100}^{(10)}(m_{110}^{(22)})^2m_{011}^{(10)}-2m_{100}^{(10)}m_{110}^{(22)}m_{101}^{(10)}m_{002}^{(11)}\\
&+2m_{100}^{(10)}m_{110}^{(22)}m_{101}^{(11)}m_{002}^{(10)}+2m_{100}^{(10)}m_{110}^{(22)}m_{101}^{(20)}m_{020}^{(21)}+2m_{100}^{(10)}m_{110}^{(22)}m_{101}^{(21)}m_{020}^{(20)}\\
&-2m_{100}^{(10)}m_{110}^{(22)}m_{101}^{(21)}m_{011}^{(10)}-2m_{100}^{(10)}m_{110}^{(22)}m_{101}^{(20)}m_{011}^{(21)}-2m_{100}^{(10)}m_{110}^{(22)}m_{020}^{(10)}m_{002}^{(20)}\\
&+2m_{100}^{(10)}m_{110}^{(22)}m_{011}^{(10)}m_{011}^{(20)}-2m_{100}^{(10)}m_{101}^{(10)}m_{101}^{(11)}m_{011}^{(22)}+2m_{100}^{(10)}m_{101}^{(10)}m_{101}^{(21)}m_{020}^{(22)}\\
&-4m_{100}^{(10)}m_{101}^{(10)}m_{101}^{(22)}m_{020}^{(21)}+4m_{100}^{(10)}m_{101}^{(10)}m_{101}^{(22)}m_{011}^{(11)}-2m_{100}^{(10)}m_{101}^{(10)}m_{020}^{(10)}m_{002}^{(22)}\\
&+2m_{100}^{(10)}m_{101}^{(10)}m_{020}^{(20)}m_{011}^{(22)}+2m_{100}^{(10)}m_{101}^{(10)}m_{020}^{(21)}m_{002}^{(20)}+2m_{100}^{(10)}m_{101}^{(10)}m_{020}^{(21)}m_{002}^{(20)}\\
&-2m_{100}^{(10)}m_{101}^{(10)}m_{020}^{(22)}m_{011}^{(20)}+2m_{100}^{(10)}m_{101}^{(10)}m_{011}^{(10)}m_{011}^{(22)}-4m_{100}^{(10)}m_{101}^{(10)}m_{011}^{(20)}m_{011}^{(21)}\\
&+2m_{100}^{(10)}m_{101}^{(11)}m_{101}^{(20)}m_{011}^{(21)}+2m_{100}^{(10)}m_{101}^{(11)}m_{101}^{(21)}m_{011}^{(20)}-2m_{100}^{(10)}m_{101}^{(11)}m_{101}^{(22)}m_{011}^{(10)}\\
&+2m_{100}^{(10)}m_{101}^{(20)}m_{101}^{(21)}m_{020}^{(21)}-4m_{100}^{(10)}m_{101}^{(20)}m_{101}^{(21)}m_{011}^{(11)}-2m_{100}^{(10)}m_{101}^{(20)}m_{020}^{(20)}m_{011}^{(21)}\\
&+2m_{100}^{(10)}m_{101}^{(20)}m_{020}^{(21)}m_{011}^{(20)}-2m_{100}^{(10)}m_{101}^{(20)}m_{020}^{(21)}m_{002}^{(10)}+2m_{100}^{(10)}m_{101}^{(20)}m_{011}^{(10)}m_{011}^{(21)}\\
&-2m_{100}^{(10)}(m_{101}^{(21)})^2m_{020}^{(20)}+2m_{100}^{(10)}m_{101}^{(21)}m_{101}^{(22)}m_{020}^{(10)}-2m_{100}^{(10)}m_{101}^{(21)}m_{020}^{(20)}m_{002}^{(10)}\\
&+2m_{100}^{(10)}m_{101}^{(21)}m_{011}^{(10)}m_{011}^{(20)}-2m_{100}^{(10)}m_{101}^{(22)}m_{010}^{(10)}m_{011}^{(20)}+2m_{100}^{(10)}m_{101}^{(22)}m_{020}^{(10)}m_{002}^{(10)}\\
&+2m_{100}^{(10)}m_{101}^{(22)}m_{011}^{(10)}m_{020}^{(20)}-2m_{100}^{(10)}m_{101}^{(22)}(m_{011}^{(10)})^2-m_{100}^{(11)}m_{200}^{(00)}m_{020}^{(21)}m_{002}^{(22)}\\
&+m_{100}^{(11)}m_{200}^{(00)}m_{020}^{(22)}m_{002}^{(21)}+m_{100}^{(11)}m_{200}^{(00)}m_{011}^{(11)}m_{002}^{(22)}-m_{100}^{(11)}m_{200}^{(00)}m_{011}^{(22)}m_{002}^{(11)}\\
&+2m_{100}^{(11)}m_{200}^{(20)}m_{020}^{(20)}m_{011}^{(22)}-2m_{100}^{(11)}m_{200}^{(20)}m_{020}^{(20)}m_{002}^{(21)}+2m_{100}^{(11)}m_{200}^{(20)}m_{020}^{(21)}m_{002}^{(20)}\\
&-2m_{100}^{(11)}m_{200}^{(20)}m_{020}^{(22)}m_{011}^{(20)}-2m_{100}^{(11)}m_{200}^{(20)}m_{011}^{(11)}m_{002}^{(20)}+2m_{100}^{(11)}m_{200}^{(20)}m_{011}^{(20)}m_{002}^{(11)}
\end{aligned}
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\begin{aligned}
&-m_{100}^{(11)}m_{200}^{(22)}m_{020}^{(00)}m_{011}^{(22)}+m_{100}^{(11)}m_{200}^{(22)}m_{020}^{(00)}m_{002}^{(21)}-m_{100}^{(11)}m_{200}^{(22)}m_{020}^{(21)}m_{002}^{(00)}\\
&+m_{100}^{(11)}m_{200}^{(22)}m_{020}^{(22)}m_{011}^{(00)}-m_{100}^{(11)}m_{200}^{(22)}m_{011}^{(00)}m_{002}^{(11)}+m_{100}^{(11)}m_{200}^{(22)}m_{011}^{(11)}m_{002}^{(00)}\\
&+m_{100}^{(11)}m_{110}^{(00)}m_{110}^{(21)}m_{002}^{(22)}+m_{100}^{(11)}m_{110}^{(00)}m_{110}^{(22)}m_{011}^{(22)}-2m_{100}^{(11)}m_{110}^{(00)}m_{110}^{(22)}m_{002}^{(21)}\\
&-m_{100}^{(11)}m_{110}^{(00)}m_{101}^{(11)}m_{002}^{(22)}+m_{100}^{(11)}m_{110}^{(00)}m_{101}^{(21)}m_{011}^{(22)}-m_{100}^{(11)}m_{110}^{(00)}m_{101}^{(22)}m_{020}^{(22)}\\
&+m_{100}^{(11)}m_{110}^{(00)}m_{101}^{(22)}m_{002}^{(11)}+m_{100}^{(11)}m_{110}^{(00)}m_{020}^{(20)}m_{002}^{(22)}-m_{100}^{(11)}m_{110}^{(00)}m_{011}^{(10)}m_{002}^{(22)}\\
&-m_{100}^{(11)}m_{110}^{(00)}m_{011}^{(20)}m_{011}^{(22)}+m_{100}^{(11)}m_{110}^{(00)}m_{011}^{(22)}m_{002}^{(10)}-2m_{100}^{(11)}(m_{110}^{(20)})^2m_{011}^{(22)}\\
&+2m_{100}^{(11)}(m_{110}^{(20)})^2m_{002}^{(21)}-2m_{100}^{(11)}m_{110}^{(20)}m_{110}^{(21)}m_{002}^{(20)}+2m_{100}^{(11)}m_{110}^{(20)}m_{110}^{(22)}m_{011}^{(20)}\\
&+2m_{100}^{(11)}m_{110}^{(20)}m_{101}^{(11)}m_{002}^{(20)}+2m_{100}^{(11)}m_{110}^{(20)}m_{101}^{(20)}m_{020}^{(22)}-2m_{100}^{(11)}m_{110}^{(20)}m_{101}^{(20)}m_{002}^{(11)}\\
&-2m_{100}^{(11)}m_{110}^{(20)}m_{101}^{(21)}m_{011}^{(20)}-m_{100}^{(11)}m_{110}^{(20)}m_{020}^{(00)}m_{002}^{(22)}-m_{100}^{(11)}m_{110}^{(20)}m_{020}^{(22)}m_{002}^{(00)}\\
&+2m_{100}^{(11)}m_{110}^{(20)}m_{011}^{(00)}m_{011}^{(22)}+2m_{100}^{(11)}m_{110}^{(20)}m_{011}^{(10)}m_{002}^{(20)}-2m_{100}^{(11)}m_{110}^{(20)}m_{011}^{(20)}m_{002}^{(10)}\\
&+m_{100}^{(11)}m_{110}^{(21)}m_{110}^{(22)}m_{002}^{(00)}-m_{100}^{(11)}m_{110}^{(21)}m_{101}^{(00)}m_{011}^{(22)}+2m_{100}^{(11)}m_{110}^{(21)}m_{101}^{(20)}m_{011}^{(20)}\\
&-m_{100}^{(11)}m_{110}^{(21)}m_{101}^{(22)}m_{011}^{(00)}-m_{100}^{(11)}(m_{110}^{(22)})^2m_{011}^{(00)}+m_{100}^{(11)}m_{110}^{(22)}m_{101}^{(00)}m_{002}^{(11)}\\
&-m_{100}^{(11)}m_{110}^{(22)}m_{101}^{(11)}m_{002}^{(00)}-2m_{100}^{(11)}m_{110}^{(22)}m_{101}^{(20)}m_{020}^{(20)}+m_{100}^{(11)}m_{110}^{(22)}m_{101}^{(21)}m_{011}^{(00)}\\
&+m_{100}^{(11)}m_{110}^{(22)}m_{101}^{(22)}m_{020}^{(00)}+m_{100}^{(11)}m_{110}^{(22)}m_{020}^{(20)}m_{002}^{(00)}-m_{100}^{(11)}m_{110}^{(22)}m_{011}^{(00)}m_{011}^{(20)}\\
&+m_{100}^{(11)}m_{110}^{(22)}m_{011}^{(00)}m_{002}^{(10)}-m_{100}^{(11)}m_{110}^{(22)}m_{011}^{(10)}m_{002}^{(00)}+m_{100}^{(11)}m_{101}^{(00)}m_{101}^{(11)}m_{011}^{(22)}\\
&-m_{100}^{(11)}m_{101}^{(00)}m_{101}^{(21)}m_{020}^{(22)}+2m_{100}^{(11)}m_{101}^{(00)}m_{101}^{(22)}m_{020}^{(21)}-2m_{100}^{(11)}m_{101}^{(00)}m_{101}^{(22)}m_{011}^{(11)}\\
&-m_{100}^{(11)}m_{101}^{(00)}m_{020}^{(20)}m_{011}^{(22)}+m_{100}^{(11)}m_{101}^{(00)}m_{020}^{(22)}m_{011}^{(20)}-m_{100}^{(11)}m_{101}^{(00)}m_{020}^{(22)}m_{002}^{(10)}\\
&+m_{100}^{(11)}m_{101}^{(00)}m_{011}^{(10)}m_{011}^{(22)}+m_{100}^{(11)}m_{101}^{(10)}m_{020}^{(00)}m_{002}^{(22)}-2m_{100}^{(11)}m_{101}^{(10)}m_{020}^{(20)}m_{002}^{(20)}\\
&+m_{100}^{(11)}m_{101}^{(10)}m_{020}^{(22)}m_{002}^{(00)}-2m_{100}^{(11)}m_{101}^{(10)}m_{011}^{(00)}m_{011}^{(22)}+2m_{100}^{(11)}m_{101}^{(10)}(m_{011}^{(20)})^2\\
&-2m_{100}^{(11)}m_{101}^{(11)}m_{101}^{(20)}m_{011}^{(20)}+m_{100}^{(11)}m_{101}^{(11)}m_{101}^{(22)}m_{011}^{(00)}-2m_{100}^{(11)}(m_{101}^{(20)})^2m_{020}^{(21)}\\
&+2m_{100}^{(11)}(m_{101}^{(20)})^2m_{011}^{(11)}+2m_{100}^{(11)}m_{101}^{(20)}m_{101}^{(21)}m_{020}^{(20)}+2m_{100}^{(11)}m_{101}^{(20)}m_{020}^{(20)}m_{002}^{(10)}\\
&-2m_{100}^{(11)}m_{101}^{(20)}m_{011}^{(10)}m_{011}^{(20)}-m_{100}^{(11)}m_{101}^{(21)}m_{101}^{(22)}m_{020}^{(00)}+m_{100}^{(11)}m_{101}^{(22)}m_{020}^{(00)}m_{011}^{(20)}\\
&-m_{100}^{(11)}m_{101}^{(22)}m_{020}^{(20)}m_{002}^{(00)}-m_{100}^{(11)}m_{101}^{(22)}m_{020}^{(00)}m_{002}^{(20)}+m_{100}^{(11)}m_{101}^{(22)}m_{011}^{(00)}m_{011}^{(10)}\\
&-2m_{100}^{(20)}m_{200}^{(10)}m_{020}^{(21)}m_{011}^{(22)}+2m_{100}^{(20)}m_{200}^{(10)}m_{020}^{(22)}m_{011}^{(21)}+2m_{100}^{(20)}m_{200}^{(10)}m_{011}^{(11)}m_{002}^{(21)}\\
&-2m_{100}^{(20)}m_{200}^{(10)}m_{011}^{(21)}m_{002}^{(11)}+2m_{100}^{(20)}m_{200}^{(11)}m_{020}^{(20)}m_{011}^{(22)}-2m_{100}^{(20)}m_{200}^{(11)}m_{020}^{(20)}m_{002}^{(21)}\\
&+2m_{100}^{(20)}m_{200}^{(11)}m_{020}^{(21)}m_{002}^{(20)}-2m_{100}^{(20)}m_{200}^{(11)}m_{020}^{(22)}m_{011}^{(20)}-2m_{100}^{(20)}m_{200}^{(11)}m_{011}^{(11)}m_{002}^{(20)}\\
&+2m_{100}^{(20)}m_{200}^{(11)}m_{011}^{(20)}m_{002}^{(11)}+2m_{100}^{(20)}m_{200}^{(11)}m_{020}^{(11)}m_{011}^{(22)}-2m_{100}^{(20)}m_{200}^{(20)}m_{020}^{(11)}m_{002}^{(21)}\\
&+2m_{100}^{(20)}m_{200}^{(20)}m_{020}^{(21)}m_{002}^{(11)}-2m_{100}^{(20)}m_{200}^{(20)}m_{020}^{(22)}m_{011}^{(11)}-2m_{100}^{(20)}m_{200}^{(21)}m_{020}^{(10)}m_{011}^{(22)}\\
&+2m_{100}^{(20)}m_{200}^{(21)}m_{020}^{(10)}m_{002}^{(21)}-2m_{100}^{(20)}m_{200}^{(21)}m_{020}^{(21)}m_{002}^{(10)}+2m_{100}^{(20)}m_{200}^{(21)}m_{020}^{(22)}m_{011}^{(10)}\\
&-2m_{100}^{(20)}m_{200}^{(21)}m_{011}^{(10)}m_{002}^{(11)}+2m_{100}^{(20)}m_{200}^{(21)}m_{011}^{(11)}m_{002}^{(10)}+4m_{100}^{(20)}m_{110}^{(10)}m_{110}^{(21)}m_{011}^{(22)}\\
&-2m_{100}^{(20)}m_{110}^{(10)}m_{110}^{(21)}m_{002}^{(21)}-2m_{100}^{(20)}m_{110}^{(10)}m_{110}^{(22)}m_{011}^{(21)}-2m_{100}^{(20)}m_{110}^{(10)}m_{110}^{(11)}m_{002}^{(21)}\\
&-2m_{100}^{(20)}m_{110}^{(10)}m_{101}^{(21)}m_{020}^{(22)}+2m_{100}^{(20)}m_{110}^{(10)}m_{101}^{(21)}m_{011}^{(21)}+2m_{100}^{(20)}m_{110}^{(10)}m_{101}^{(21)}m_{002}^{(11)}\\
&+2m_{100}^{(20)}m_{110}^{(10)}m_{020}^{(20)}m_{002}^{(21)}-2m_{100}^{(20)}m_{110}^{(10)}m_{011}^{(10)}m_{002}^{(21)}-2m_{100}^{(20)}m_{110}^{(10)}m_{011}^{(20)}m_{011}^{(21)}\\
&+2m_{100}^{(20)}m_{110}^{(10)}m_{011}^{(21)}m_{002}^{(10)}-4m_{100}^{(20)}m_{110}^{(11)}m_{110}^{(20)}m_{011}^{(22)}+4m_{100}^{(20)}m_{110}^{(11)}m_{110}^{(20)}m_{002}^{(21)}\\
&-2m_{100}^{(20)}m_{110}^{(11)}m_{110}^{(21)}m_{002}^{(20)}+2m_{100}^{(20)}m_{110}^{(11)}m_{110}^{(22)}m_{011}^{(20)}+2m_{100}^{(20)}m_{110}^{(11)}m_{110}^{(11)}m_{002}^{(20)}\\
&+2m_{100}^{(20)}m_{110}^{(11)}m_{101}^{(20)}m_{020}^{(22)}-2m_{100}^{(20)}m_{110}^{(11)}m_{101}^{(20)}m_{002}^{(11)}-2m_{100}^{(20)}m_{110}^{(11)}m_{101}^{(21)}m_{011}^{(20)}\\
&-2m_{100}^{(20)}m_{110}^{(11)}m_{020}^{(20)}m_{002}^{(20)}+2m_{100}^{(20)}m_{110}^{(11)}m_{011}^{(10)}m_{002}^{(20)}+2m_{100}^{(20)}m_{110}^{(11)}(m_{011}^{(20)})^2\\
&-2m_{100}^{(20)}m_{110}^{(11)}m_{011}^{(20)}m_{002}^{(10)}-2m_{100}^{(20)}m_{110}^{(20)}m_{110}^{(21)}m_{002}^{(11)}+2m_{100}^{(20)}m_{110}^{(20)}m_{110}^{(22)}m_{011}^{(11)}
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\begin{aligned}
&+2m_{100}^{(20)}m_{110}^{(20)}m_{101}^{(11)}m_{020}^{(22)} - 2m_{100}^{(20)}m_{110}^{(20)}m_{101}^{(21)}m_{011}^{(11)} - 2m_{100}^{(20)}m_{110}^{(20)}m_{020}^{(10)}m_{002}^{(21)}\\
&+2m_{100}^{(20)}m_{110}^{(20)}m_{020}^{(11)}m_{002}^{(20)} - 2m_{100}^{(20)}m_{110}^{(20)}m_{020}^{(21)}m_{002}^{(10)} + 4m_{100}^{(20)}m_{110}^{(20)}m_{011}^{(10)}m_{011}^{(21)}\\
&+2m_{100}^{(20)}m_{110}^{(20)}m_{011}^{(10)}m_{002}^{(11)} - 2m_{100}^{(20)}m_{110}^{(20)}m_{011}^{(11)}m_{011}^{(20)} - 2m_{100}^{(20)}m_{110}^{(20)}m_{011}^{(11)}m_{002}^{(10)}\\
&+2m_{100}^{(20)}(m_{110}^{(21)})^2m_{002}^{(10)} - 2m_{100}^{(20)}m_{110}^{(21)}m_{110}^{(22)}m_{011}^{(10)} - 2m_{100}^{(20)}m_{110}^{(21)}m_{101}^{(10)}m_{020}^{(22)}\\
&-2m_{100}^{(20)}m_{110}^{(21)}m_{101}^{(10)}m_{011}^{(21)} + 2m_{100}^{(20)}m_{110}^{(21)}m_{101}^{(10)}m_{002}^{(11)} + 2m_{100}^{(20)}m_{110}^{(21)}m_{101}^{(11)}m_{011}^{(20)}\\
&-2m_{100}^{(20)}m_{110}^{(21)}m_{101}^{(11)}m_{002}^{(10)} + 2m_{100}^{(20)}m_{110}^{(21)}m_{101}^{(20)}m_{011}^{(11)} + 2m_{100}^{(20)}m_{110}^{(21)}m_{020}^{(20)}m_{002}^{(10)}\\
&-2m_{100}^{(20)}m_{110}^{(21)}m_{011}^{(10)}m_{011}^{(20)} + 2m_{100}^{(20)}m_{110}^{(22)}m_{101}^{(10)}m_{020}^{(21)} - 2m_{100}^{(20)}m_{110}^{(22)}m_{101}^{(11)}m_{020}^{(20)}\\
&-2m_{100}^{(20)}m_{110}^{(22)}m_{101}^{(20)}m_{020}^{(11)} + 2m_{100}^{(20)}m_{110}^{(22)}m_{101}^{(21)}m_{020}^{(10)} + 2m_{100}^{(20)}m_{101}^{(10)}m_{101}^{(11)}m_{011}^{(21)}\\
&+2m_{100}^{(20)}m_{101}^{(10)}m_{101}^{(21)}m_{020}^{(21)} - 4m_{100}^{(20)}m_{101}^{(10)}m_{101}^{(21)}m_{011}^{(11)} + 2m_{100}^{(20)}m_{101}^{(10)}m_{101}^{(10)}m_{020}^{(21)}\\
&-2m_{100}^{(20)}m_{101}^{(10)}m_{020}^{(11)}m_{002}^{(20)} - 2m_{100}^{(20)}m_{101}^{(10)}m_{020}^{(20)}m_{011}^{(21)} - 2m_{100}^{(20)}m_{101}^{(10)}m_{020}^{(20)}m_{002}^{(11)}\\
&+2m_{100}^{(20)}m_{101}^{(10)}m_{020}^{(21)}m_{011}^{(20)} - 2m_{100}^{(20)}m_{101}^{(10)}m_{011}^{(10)}m_{011}^{(21)} + 4m_{100}^{(20)}m_{101}^{(10)}m_{011}^{(11)}m_{011}^{(20)}\\
&-2m_{100}^{(20)}(m_{101}^{(11)})^2m_{011}^{(20)} - 4m_{100}^{(20)}m_{101}^{(11)}m_{101}^{(20)}m_{020}^{(21)} + 2m_{100}^{(20)}m_{101}^{(11)}m_{101}^{(20)}m_{011}^{(11)}\\
&+2m_{100}^{(20)}m_{101}^{(11)}m_{101}^{(21)}m_{020}^{(20)} + 2m_{100}^{(20)}m_{101}^{(11)}m_{101}^{(21)}m_{011}^{(10)} + 2m_{100}^{(20)}m_{101}^{(11)}m_{020}^{(20)}m_{002}^{(10)}\\
&-2m_{100}^{(20)}m_{101}^{(11)}m_{011}^{(10)}m_{011}^{(20)} + 2m_{100}^{(20)}m_{101}^{(20)}m_{101}^{(21)}m_{020}^{(11)} - 2m_{100}^{(20)}m_{101}^{(20)}m_{020}^{(11)}m_{011}^{(20)}\\
&+2m_{100}^{(20)}m_{101}^{(20)}m_{020}^{(11)}m_{002}^{(10)} + 2m_{100}^{(20)}m_{101}^{(20)}m_{020}^{(20)}m_{011}^{(11)} - 2m_{100}^{(20)}m_{101}^{(20)}m_{011}^{(10)}m_{011}^{(11)}\\
&-2m_{100}^{(20)}(m_{101}^{(21)})^2m_{020}^{(10)} + 2m_{100}^{(20)}m_{101}^{(21)}m_{101}^{(10)}m_{020}^{(20)}m_{011}^{(11)} - 2m_{100}^{(20)}m_{101}^{(21)}m_{101}^{(10)}m_{020}^{(10)}m_{002}^{(11)}\\
&-2m_{100}^{(20)}m_{101}^{(21)}m_{020}^{(20)}m_{011}^{(10)} + 2m_{100}^{(20)}m_{101}^{(21)}(m_{011}^{(10)})^2 + 2m_{100}^{(21)}m_{200}^{(00)}m_{020}^{(21)}m_{011}^{(22)}\\
&-2m_{100}^{(21)}m_{200}^{(00)}m_{020}^{(22)}m_{011}^{(21)} - 2m_{100}^{(21)}m_{200}^{(00)}m_{011}^{(11)}m_{002}^{(21)} + 2m_{100}^{(21)}m_{200}^{(00)}m_{011}^{(21)}m_{002}^{(11)}\\
&-2m_{100}^{(21)}m_{200}^{(10)}m_{020}^{(20)}m_{011}^{(22)} + 2m_{100}^{(21)}m_{200}^{(10)}m_{020}^{(20)}m_{002}^{(21)} - 2m_{100}^{(21)}m_{200}^{(10)}m_{020}^{(21)}m_{002}^{(20)}\\
&+2m_{100}^{(21)}m_{200}^{(10)}m_{020}^{(22)}m_{011}^{(20)} + 2m_{100}^{(21)}m_{200}^{(10)}m_{011}^{(11)}m_{002}^{(20)} - 2m_{100}^{(21)}m_{200}^{(10)}m_{011}^{(20)}m_{002}^{(11)}\\
&-2m_{100}^{(21)}m_{200}^{(20)}m_{020}^{(10)}m_{011}^{(22)} + 2m_{100}^{(21)}m_{200}^{(20)}m_{020}^{(10)}m_{002}^{(21)} - 2m_{100}^{(21)}m_{200}^{(20)}m_{020}^{(21)}m_{002}^{(10)}\\
&+2m_{100}^{(21)}m_{200}^{(20)}m_{020}^{(22)}m_{011}^{(10)} - 2m_{100}^{(21)}m_{200}^{(20)}m_{011}^{(10)}m_{002}^{(11)} + 2m_{100}^{(21)}m_{200}^{(20)}m_{011}^{(11)}m_{002}^{(10)}\\
&+2m_{100}^{(21)}m_{200}^{(21)}m_{020}^{(00)}m_{011}^{(22)} - 2m_{100}^{(21)}m_{200}^{(21)}m_{020}^{(00)}m_{002}^{(21)} + 2m_{100}^{(21)}m_{200}^{(21)}m_{020}^{(21)}m_{002}^{(00)}\\
&-2m_{100}^{(21)}m_{200}^{(21)}m_{020}^{(22)}m_{011}^{(00)} + 2m_{100}^{(21)}m_{200}^{(21)}m_{011}^{(00)}m_{002}^{(11)} - 2m_{100}^{(21)}m_{200}^{(21)}m_{011}^{(11)}m_{002}^{(00)}\\
&-4m_{100}^{(21)}m_{110}^{(00)}m_{110}^{(21)}m_{011}^{(22)} + 2m_{100}^{(21)}m_{110}^{(00)}m_{110}^{(21)}m_{002}^{(21)} + 2m_{100}^{(21)}m_{110}^{(00)}m_{110}^{(22)}m_{011}^{(21)}\\
&+2m_{100}^{(21)}m_{110}^{(00)}m_{101}^{(11)}m_{002}^{(21)} + 2m_{100}^{(21)}m_{110}^{(00)}m_{101}^{(21)}m_{020}^{(22)} - 2m_{100}^{(21)}m_{110}^{(00)}m_{101}^{(21)}m_{011}^{(21)}\\
&-2m_{100}^{(21)}m_{110}^{(00)}m_{101}^{(21)}m_{011}^{(11)} - 2m_{100}^{(21)}m_{110}^{(00)}m_{020}^{(21)}m_{002}^{(21)} + 2m_{100}^{(21)}m_{110}^{(00)}m_{011}^{(10)}m_{002}^{(21)}\\
&+2m_{100}^{(21)}m_{110}^{(00)}m_{011}^{(20)}m_{011}^{(21)} - 2m_{100}^{(21)}m_{110}^{(00)}m_{011}^{(21)}m_{002}^{(10)} + 4m_{100}^{(21)}m_{110}^{(10)}m_{110}^{(20)}m_{011}^{(22)}\\
&-4m_{100}^{(21)}m_{110}^{(10)}m_{110}^{(20)}m_{002}^{(21)} + 2m_{100}^{(21)}m_{110}^{(10)}m_{110}^{(21)}m_{002}^{(20)} - 2m_{100}^{(21)}m_{110}^{(10)}m_{110}^{(22)}m_{011}^{(20)}\\
&-2m_{100}^{(21)}m_{110}^{(10)}m_{101}^{(11)}m_{002}^{(20)} - 2m_{100}^{(21)}m_{110}^{(10)}m_{101}^{(20)}m_{020}^{(22)} + 2m_{100}^{(21)}m_{110}^{(10)}m_{101}^{(20)}m_{011}^{(11)}m_{002}^{(11)}\\
&+2m_{100}^{(21)}m_{110}^{(10)}m_{101}^{(21)}m_{011}^{(20)} + 2m_{100}^{(21)}m_{110}^{(10)}m_{020}^{(20)}m_{002}^{(20)} - 2m_{100}^{(21)}m_{110}^{(10)}m_{011}^{(10)}m_{002}^{(20)}\\
&-2m_{100}^{(21)}m_{110}^{(10)}(m_{011}^{(20)})^2 + 2m_{100}^{(21)}m_{110}^{(10)}m_{011}^{(20)}m_{002}^{(10)} + 2m_{100}^{(21)}m_{110}^{(20)}m_{110}^{(21)}m_{002}^{(10)}\\
&-2m_{100}^{(21)}m_{110}^{(20)}m_{110}^{(22)}m_{011}^{(10)} - 2m_{100}^{(21)}m_{110}^{(20)}m_{101}^{(10)}m_{020}^{(22)} + 2m_{100}^{(21)}m_{110}^{(20)}m_{101}^{(10)}m_{002}^{(11)}\\
&-2m_{100}^{(21)}m_{110}^{(20)}m_{101}^{(11)}m_{002}^{(10)} + 2m_{100}^{(21)}m_{110}^{(20)}m_{101}^{(21)}m_{011}^{(10)} + 2m_{100}^{(21)}m_{110}^{(20)}m_{020}^{(00)}m_{002}^{(21)}\\
&-2m_{100}^{(21)}m_{110}^{(20)}m_{020}^{(10)}m_{002}^{(20)} + 2m_{100}^{(21)}m_{110}^{(20)}m_{020}^{(21)}m_{002}^{(00)} - 4m_{100}^{(21)}m_{110}^{(20)}m_{011}^{(00)}m_{011}^{(21)}\\
&+2m_{100}^{(21)}m_{110}^{(20)}m_{011}^{(10)}m_{011}^{(20)} - 2m_{100}^{(21)}(m_{110}^{(21)})^2m_{002}^{(00)} + 2m_{100}^{(21)}m_{110}^{(21)}m_{110}^{(22)}m_{011}^{(00)}\\
&+2m_{100}^{(21)}m_{110}^{(21)}m_{101}^{(00)}m_{020}^{(22)} + 2m_{100}^{(21)}m_{110}^{(21)}m_{101}^{(00)}m_{011}^{(21)} - 2m_{100}^{(21)}m_{110}^{(21)}m_{101}^{(00)}m_{002}^{(11)}\\
&-2m_{100}^{(21)}m_{110}^{(21)}m_{101}^{(10)}m_{011}^{(20)} + 2m_{100}^{(21)}m_{110}^{(21)}m_{101}^{(11)}m_{002}^{(00)} - 2m_{100}^{(21)}m_{110}^{(21)}m_{101}^{(20)}m_{011}^{(10)}
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&-2m_{100}^{(21)}m_{110}^{(21)}m_{020}^{(20)}m_{002}^{(00)} + 2m_{100}^{(21)}m_{110}^{(21)}m_{011}^{(00)}m_{011}^{(20)} - 2m_{100}^{(21)}m_{110}^{(21)}m_{011}^{(00)}m_{002}^{(10)}\\
&+2m_{100}^{(21)}m_{110}^{(21)}m_{011}^{(10)}m_{002}^{(00)} - 2m_{100}^{(21)}m_{110}^{(22)}m_{101}^{(00)}m_{020}^{(21)} + 2m_{100}^{(21)}m_{110}^{(22)}m_{101}^{(10)}m_{020}^{(20)}\\
&+2m_{100}^{(21)}m_{110}^{(22)}m_{101}^{(20)}m_{020}^{(10)} - 2m_{100}^{(21)}m_{110}^{(22)}m_{101}^{(21)}m_{020}^{(00)} - 2m_{100}^{(21)}m_{101}^{(00)}m_{101}^{(11)}m_{011}^{(21)}\\
&-2m_{100}^{(21)}m_{101}^{(00)}m_{101}^{(21)}m_{020}^{(21)} + 4m_{100}^{(21)}m_{101}^{(00)}m_{101}^{(21)}m_{011}^{(11)} + 2m_{100}^{(21)}m_{101}^{(00)}m_{020}^{(20)}m_{011}^{(21)}\\
&-2m_{100}^{(21)}m_{101}^{(00)}m_{020}^{(21)}m_{011}^{(20)} + 2m_{100}^{(21)}m_{101}^{(00)}m_{020}^{(21)}m_{002}^{(10)} - 2m_{100}^{(21)}m_{101}^{(00)}m_{011}^{(10)}m_{011}^{(21)}\\
&+2m_{100}^{(21)}m_{101}^{(10)}m_{101}^{(11)}m_{011}^{(20)} + 4m_{100}^{(21)}m_{101}^{(10)}m_{101}^{(20)}m_{020}^{(21)} - 4m_{100}^{(21)}m_{101}^{(10)}m_{101}^{(20)}m_{011}^{(11)}\\
&-2m_{100}^{(21)}m_{101}^{(10)}m_{101}^{(21)}m_{020}^{(20)} - 2m_{100}^{(21)}m_{101}^{(10)}m_{020}^{(00)}m_{002}^{(21)} + 2m_{100}^{(21)}m_{101}^{(10)}m_{020}^{(10)}m_{002}^{(20)}\\
&-2m_{100}^{(21)}m_{101}^{(10)}m_{020}^{(21)}m_{002}^{(00)} + 4m_{100}^{(21)}m_{101}^{(10)}m_{011}^{(00)}m_{011}^{(21)} - 2m_{100}^{(21)}m_{101}^{(10)}m_{011}^{(10)}m_{011}^{(20)}\\
&+2m_{100}^{(21)}m_{101}^{(11)}m_{101}^{(20)}m_{011}^{(10)} - 2m_{100}^{(21)}m_{101}^{(11)}m_{101}^{(21)}m_{011}^{(00)} - 2m_{100}^{(21)}m_{101}^{(20)}m_{101}^{(21)}m_{020}^{(10)}\\
&+2m_{100}^{(21)}m_{101}^{(20)}m_{020}^{(10)}m_{011}^{(20)} - 2m_{100}^{(21)}m_{101}^{(20)}m_{020}^{(10)}m_{002}^{(10)} - 2m_{100}^{(21)}m_{101}^{(20)}m_{020}^{(20)}m_{011}^{(10)}\\
&+2m_{100}^{(21)}m_{101}^{(20)}(m_{011}^{(10)})^2 + 2m_{100}^{(21)}(m_{101}^{(21)})^2m_{020}^{(00)} - 2m_{100}^{(21)}m_{101}^{(21)}m_{020}^{(00)}m_{011}^{(20)}\\
&+2m_{100}^{(21)}m_{101}^{(21)}m_{020}^{(00)}m_{002}^{(10)} + 2m_{100}^{(21)}m_{101}^{(21)}m_{020}^{(20)}m_{011}^{(00)} - 2m_{100}^{(21)}m_{101}^{(21)}m_{011}^{(00)}m_{011}^{(10)}\\
&-m_{100}^{(22)}m_{200}^{(00)}m_{020}^{(11)}m_{011}^{(22)} + m_{100}^{(22)}m_{200}^{(00)}m_{020}^{(11)}m_{002}^{(21)} - m_{100}^{(22)}m_{200}^{(00)}m_{020}^{(21)}m_{002}^{(11)}\\
&+m_{100}^{(22)}m_{200}^{(00)}m_{020}^{(22)}m_{011}^{(11)} + 2m_{100}^{(22)}m_{200}^{(10)}m_{020}^{(10)}m_{011}^{(22)} - 2m_{100}^{(22)}m_{200}^{(10)}m_{020}^{(10)}m_{002}^{(21)}\\
&+2m_{100}^{(22)}m_{200}^{(10)}m_{020}^{(21)}m_{002}^{(10)} - 2m_{100}^{(22)}m_{200}^{(10)}m_{020}^{(22)}m_{011}^{(10)} + 2m_{100}^{(22)}m_{200}^{(10)}m_{011}^{(10)}m_{002}^{(11)}\\
&-2m_{100}^{(22)}m_{200}^{(10)}m_{011}^{(11)}m_{002}^{(10)} - m_{100}^{(22)}m_{200}^{(11)}m_{020}^{(00)}m_{011}^{(22)} + m_{100}^{(22)}m_{200}^{(11)}m_{020}^{(00)}m_{002}^{(21)}\\
&-m_{100}^{(22)}m_{200}^{(11)}m_{020}^{(21)}m_{002}^{(00)} + m_{100}^{(22)}m_{200}^{(11)}m_{020}^{(22)}m_{011}^{(00)} - m_{100}^{(22)}m_{200}^{(11)}m_{011}^{(00)}m_{002}^{(11)}\\
&+m_{100}^{(22)}m_{200}^{(11)}m_{011}^{(11)}m_{002}^{(00)} + 2m_{100}^{(22)}m_{110}^{(00)}m_{110}^{(11)}m_{011}^{(22)} - 2m_{100}^{(22)}m_{110}^{(00)}m_{110}^{(11)}m_{002}^{(21)}\\
&+m_{100}^{(22)}m_{110}^{(00)}m_{110}^{(21)}m_{002}^{(11)} - m_{100}^{(22)}m_{110}^{(00)}m_{110}^{(22)}m_{011}^{(11)} - m_{100}^{(22)}m_{110}^{(00)}m_{101}^{(11)}m_{020}^{(22)}\\
&+m_{100}^{(22)}m_{110}^{(00)}m_{101}^{(21)}m_{011}^{(11)} + m_{100}^{(22)}m_{110}^{(00)}m_{020}^{(20)}m_{002}^{(11)} - m_{100}^{(22)}m_{110}^{(00)}m_{011}^{(10)}m_{002}^{(11)}\\
&-m_{100}^{(22)}m_{110}^{(00)}m_{011}^{(11)}m_{011}^{(20)} + m_{100}^{(22)}m_{110}^{(00)}m_{011}^{(11)}m_{002}^{(10)} - 2m_{100}^{(22)}(m_{110}^{(10)})^2m_{011}^{(22)}\\
&+2m_{100}^{(22)}(m_{110}^{(10)})^2m_{002}^{(21)} - 2m_{100}^{(22)}m_{110}^{(10)}m_{110}^{(21)}m_{002}^{(10)} + 2m_{100}^{(22)}m_{110}^{(10)}m_{110}^{(22)}m_{011}^{(10)}\\
&+2m_{100}^{(22)}m_{110}^{(10)}m_{101}^{(10)}m_{020}^{(22)} - 2m_{100}^{(22)}m_{110}^{(10)}m_{101}^{(10)}m_{002}^{(11)} + 2m_{100}^{(22)}m_{110}^{(10)}m_{101}^{(11)}m_{002}^{(10)}\\
&-2m_{100}^{(22)}m_{110}^{(10)}m_{101}^{(21)}m_{011}^{(10)} - 2m_{100}^{(22)}m_{110}^{(10)}m_{020}^{(20)}m_{002}^{(10)} + 2m_{100}^{(22)}m_{110}^{(10)}m_{011}^{(10)}m_{011}^{(20)}\\
&+m_{100}^{(22)}m_{110}^{(11)}m_{110}^{(21)}m_{002}^{(00)} - m_{100}^{(22)}m_{110}^{(11)}m_{110}^{(22)}m_{011}^{(00)} - m_{100}^{(22)}m_{110}^{(11)}m_{101}^{(00)}m_{020}^{(22)}\\
&+m_{100}^{(22)}m_{110}^{(11)}m_{101}^{(00)}m_{011}^{(11)} - m_{100}^{(22)}m_{110}^{(11)}m_{101}^{(11)}m_{002}^{(00)} + m_{100}^{(22)}m_{110}^{(11)}m_{101}^{(21)}m_{011}^{(00)}\\
&+m_{100}^{(22)}m_{110}^{(11)}m_{020}^{(00)}m_{002}^{(11)} - m_{100}^{(22)}m_{110}^{(11)}m_{011}^{(00)}m_{011}^{(20)} + m_{100}^{(22)}m_{110}^{(11)}m_{011}^{(00)}m_{002}^{(10)}\\
&-m_{100}^{(22)}m_{110}^{(11)}m_{011}^{(10)}m_{002}^{(00)} - m_{100}^{(22)}m_{110}^{(20)}m_{020}^{(00)}m_{002}^{(11)} + 2m_{100}^{(22)}m_{110}^{(20)}m_{020}^{(10)}m_{002}^{(10)}\\
&-m_{100}^{(22)}m_{110}^{(20)}m_{020}^{(11)}m_{002}^{(00)} + 2m_{100}^{(22)}m_{110}^{(20)}m_{011}^{(00)}m_{011}^{(11)} - 2m_{100}^{(22)}m_{110}^{(20)}(m_{011}^{(10)})^2\\
&-m_{100}^{(22)}m_{110}^{(21)}m_{101}^{(00)}m_{011}^{(11)} + 2m_{100}^{(22)}m_{110}^{(21)}m_{101}^{(10)}m_{011}^{(10)} - m_{100}^{(22)}m_{110}^{(21)}m_{101}^{(11)}m_{011}^{(00)}\\
&+m_{100}^{(22)}m_{110}^{(22)}m_{101}^{(00)}m_{020}^{(11)} - 2m_{100}^{(22)}m_{110}^{(22)}m_{101}^{(10)}m_{020}^{(10)} + m_{100}^{(22)}m_{110}^{(22)}m_{101}^{(11)}m_{020}^{(00)}\\
&+2m_{100}^{(22)}m_{101}^{(00)}m_{101}^{(11)}m_{020}^{(21)} - m_{100}^{(22)}m_{101}^{(00)}m_{101}^{(11)}m_{011}^{(11)} - m_{100}^{(22)}m_{101}^{(00)}m_{101}^{(21)}m_{020}^{(11)}\\
&+m_{100}^{(22)}m_{101}^{(00)}m_{020}^{(11)}m_{011}^{(20)} - m_{100}^{(22)}m_{101}^{(00)}m_{020}^{(11)}m_{002}^{(10)} - m_{100}^{(22)}m_{101}^{(00)}m_{020}^{(20)}m_{011}^{(11)}\\
&+m_{100}^{(22)}m_{101}^{(00)}m_{011}^{(10)}m_{011}^{(11)} - 2m_{100}^{(22)}(m_{101}^{(10)})^2m_{020}^{(21)} + 2m_{100}^{(22)}(m_{101}^{(10)})^2m_{011}^{(11)}\\
&-2m_{100}^{(22)}m_{101}^{(10)}m_{101}^{(11)}m_{011}^{(10)} + 2m_{100}^{(22)}m_{101}^{(10)}m_{101}^{(21)}m_{020}^{(10)} + m_{100}^{(22)}m_{101}^{(10)}m_{020}^{(00)}m_{002}^{(11)}\\
&-2m_{100}^{(22)}m_{101}^{(10)}m_{020}^{(10)}m_{011}^{(20)} + m_{100}^{(22)}m_{101}^{(10)}m_{020}^{(11)}m_{002}^{(00)} + 2m_{100}^{(22)}m_{101}^{(10)}m_{020}^{(20)}m_{011}^{(10)}\\
&-2m_{100}^{(22)}m_{101}^{(10)}m_{011}^{(00)}m_{011}^{(11)} + m_{100}^{(22)}(m_{101}^{(11)})^2m_{011}^{(00)} - m_{100}^{(22)}m_{101}^{(11)}m_{101}^{(21)}m_{020}^{(00)}\\
&+m_{100}^{(22)}m_{101}^{(11)}m_{020}^{(00)}m_{011}^{(20)} - m_{100}^{(22)}m_{101}^{(11)}m_{020}^{(00)}m_{002}^{(10)} - m_{100}^{(22)}m_{101}^{(11)}m_{020}^{(20)}m_{011}^{(00)}
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&+m_{100}^{(22)}m_{101}^{(11)}m_{011}^{(00)}m_{011}^{(10)} + m_{010}^{(00)}m_{200}^{(11)}m_{110}^{(21)}m_{002}^{(22)} - m_{010}^{(00)}m_{200}^{(11)}m_{110}^{(22)}m_{011}^{(22)}\\
&-m_{010}^{(00)}m_{200}^{(11)}m_{101}^{(21)}m_{011}^{(22)} + m_{010}^{(00)}m_{200}^{(11)}m_{101}^{(22)}m_{020}^{(22)} - m_{010}^{(00)}m_{200}^{(11)}m_{020}^{(22)}m_{002}^{(20)}\\
&-m_{010}^{(00)}m_{200}^{(11)}m_{011}^{(10)}m_{002}^{(22)} + m_{010}^{(00)}m_{200}^{(11)}m_{011}^{(20)}m_{011}^{(22)} + m_{010}^{(00)}m_{200}^{(11)}m_{011}^{(22)}m_{002}^{(10)}\\
&+m_{010}^{(00)}m_{200}^{(20)}m_{020}^{(11)}m_{002}^{(22)} - 2m_{010}^{(00)}m_{200}^{(20)}m_{020}^{(21)}m_{002}^{(21)} + m_{010}^{(00)}m_{200}^{(20)}m_{020}^{(22)}m_{002}^{(11)}\\
&-2m_{010}^{(00)}m_{200}^{(20)}m_{011}^{(11)}m_{011}^{(22)} + 2m_{010}^{(00)}m_{200}^{(20)}(m_{011}^{(21)})^2 - m_{010}^{(00)}m_{200}^{(21)}m_{110}^{(11)}m_{002}^{(22)}\\
&+2m_{010}^{(00)}m_{200}^{(21)}m_{110}^{(22)}m_{011}^{(21)} - m_{010}^{(00)}m_{200}^{(21)}m_{110}^{(22)}m_{002}^{(11)} + m_{010}^{(00)}m_{200}^{(21)}m_{101}^{(11)}m_{011}^{(22)}\\
&-2m_{010}^{(00)}m_{200}^{(21)}m_{101}^{(22)}m_{020}^{(21)} + m_{010}^{(00)}m_{200}^{(21)}m_{101}^{(22)}m_{011}^{(11)} + 2m_{010}^{(00)}m_{200}^{(21)}m_{020}^{(21)}m_{002}^{(20)}\\
&+2m_{010}^{(00)}m_{200}^{(21)}m_{011}^{(10)}m_{002}^{(21)} - 2m_{010}^{(00)}m_{200}^{(21)}m_{011}^{(20)}m_{011}^{(21)} - 2m_{010}^{(00)}m_{200}^{(21)}m_{011}^{(21)}m_{002}^{(10)}\\
&+m_{010}^{(00)}m_{200}^{(22)}m_{110}^{(11)}m_{011}^{(22)} - 2m_{010}^{(00)}m_{200}^{(22)}m_{110}^{(21)}m_{011}^{(21)} + m_{010}^{(00)}m_{200}^{(22)}m_{110}^{(21)}m_{002}^{(11)}\\
&-m_{010}^{(00)}m_{200}^{(22)}m_{101}^{(11)}m_{020}^{(22)} + 2m_{010}^{(00)}m_{200}^{(22)}m_{101}^{(21)}m_{020}^{(21)} - m_{010}^{(00)}m_{200}^{(22)}m_{101}^{(21)}m_{011}^{(11)}\\
&-m_{010}^{(00)}m_{200}^{(22)}m_{020}^{(11)}m_{002}^{(20)} - m_{010}^{(00)}m_{200}^{(22)}m_{011}^{(10)}m_{002}^{(11)} + m_{010}^{(00)}m_{200}^{(22)}m_{011}^{(11)}m_{011}^{(20)}\\
&+m_{010}^{(00)}m_{200}^{(22)}m_{011}^{(11)}m_{002}^{(10)} - m_{010}^{(00)}m_{110}^{(11)}m_{110}^{(20)}m_{002}^{(22)} - m_{010}^{(00)}m_{110}^{(11)}m_{110}^{(22)}m_{101}^{(22)}\\
&+2m_{010}^{(00)}m_{110}^{(11)}m_{110}^{(22)}m_{002}^{(20)} + m_{010}^{(00)}m_{110}^{(11)}m_{101}^{(10)}m_{002}^{(22)} + m_{010}^{(00)}m_{110}^{(11)}m_{101}^{(21)}m_{101}^{(22)}\\
&-m_{010}^{(00)}m_{110}^{(11)}m_{101}^{(22)}m_{011}^{(20)} - m_{010}^{(00)}m_{110}^{(11)}m_{101}^{(22)}m_{002}^{(10)} + m_{010}^{(00)}m_{110}^{(11)}m_{011}^{(00)}m_{002}^{(22)}\\
&-m_{010}^{(00)}m_{110}^{(11)}m_{011}^{(22)}m_{002}^{(00)} + 2m_{010}^{(00)}m_{110}^{(20)}m_{110}^{(21)}m_{002}^{(21)} - m_{010}^{(00)}m_{110}^{(20)}m_{110}^{(22)}m_{002}^{(11)}\\
&+m_{010}^{(00)}m_{110}^{(20)}m_{101}^{(11)}m_{011}^{(22)} - 2m_{010}^{(00)}m_{110}^{(20)}m_{101}^{(21)}m_{011}^{(21)} + m_{010}^{(00)}m_{110}^{(20)}m_{101}^{(22)}m_{011}^{(11)}\\
&+2m_{010}^{(00)}(m_{110}^{(21)})^2m_{101}^{(22)} - 2m_{010}^{(00)}(m_{110}^{(21)})^2m_{002}^{(20)} - 2m_{010}^{(00)}m_{110}^{(21)}m_{110}^{(22)}m_{101}^{(21)}\\
&-2m_{010}^{(00)}m_{110}^{(21)}m_{101}^{(10)}m_{002}^{(21)} - 2m_{010}^{(00)}m_{110}^{(21)}m_{101}^{(11)}m_{101}^{(22)} + 2m_{010}^{(00)}m_{110}^{(21)}m_{101}^{(21)}m_{011}^{(20)}\\
&+2m_{010}^{(00)}m_{110}^{(21)}m_{101}^{(21)}m_{002}^{(10)} - 2m_{010}^{(00)}m_{110}^{(21)}m_{011}^{(00)}m_{002}^{(21)} + 2m_{010}^{(00)}m_{110}^{(21)}m_{011}^{(21)}m_{002}^{(00)}\\
&+m_{010}^{(00)}(m_{110}^{(22)})^2m_{101}^{(11)} + m_{010}^{(00)}m_{110}^{(22)}m_{101}^{(10)}m_{002}^{(11)} + m_{010}^{(00)}m_{110}^{(22)}m_{101}^{(11)}m_{101}^{(21)}\\
&-m_{010}^{(00)}m_{110}^{(22)}m_{101}^{(11)}m_{011}^{(20)} - m_{010}^{(00)}m_{110}^{(22)}m_{101}^{(11)}m_{002}^{(10)} + m_{010}^{(00)}m_{110}^{(22)}m_{011}^{(00)}m_{002}^{(11)}\\
&-m_{010}^{(00)}m_{110}^{(22)}m_{011}^{(11)}m_{002}^{(00)} - m_{010}^{(00)}m_{101}^{(00)}m_{020}^{(11)}m_{002}^{(22)} + 2m_{010}^{(00)}m_{101}^{(00)}m_{020}^{(21)}m_{002}^{(21)}\\
&-m_{010}^{(00)}m_{101}^{(00)}m_{020}^{(22)}m_{002}^{(11)} + 2m_{010}^{(00)}m_{101}^{(00)}m_{011}^{(11)}m_{011}^{(22)} - 2m_{010}^{(00)}m_{101}^{(00)}(m_{011}^{(21)})^2\\
&-m_{010}^{(00)}m_{101}^{(10)}m_{101}^{(11)}m_{011}^{(22)} + 2m_{010}^{(00)}m_{101}^{(10)}m_{101}^{(21)}m_{011}^{(21)} - m_{010}^{(00)}m_{101}^{(10)}m_{101}^{(22)}m_{011}^{(11)}\\
&+2m_{010}^{(00)}m_{101}^{(11)}m_{101}^{(22)}m_{011}^{(10)} + m_{010}^{(00)}m_{101}^{(11)}m_{020}^{(22)}m_{002}^{(00)} - m_{010}^{(00)}m_{101}^{(11)}m_{011}^{(00)}m_{011}^{(22)}\\
&-2m_{010}^{(00)}(m_{101}^{(21)})^2m_{011}^{(10)} - 2m_{010}^{(00)}m_{101}^{(21)}m_{020}^{(21)}m_{002}^{(00)} + 2m_{010}^{(00)}m_{101}^{(21)}m_{011}^{(00)}m_{011}^{(21)}\\
&+m_{010}^{(00)}m_{101}^{(22)}m_{020}^{(11)}m_{002}^{(00)} - m_{010}^{(00)}m_{101}^{(22)}m_{011}^{(00)}m_{011}^{(11)} - 2m_{010}^{(10)}m_{200}^{(10)}m_{110}^{(21)}m_{002}^{(22)}\\
&+2m_{010}^{(10)}m_{200}^{(10)}m_{110}^{(22)}m_{011}^{(22)} + 2m_{010}^{(10)}m_{200}^{(10)}m_{101}^{(21)}m_{011}^{(22)} - 2m_{010}^{(10)}m_{200}^{(10)}m_{101}^{(22)}m_{020}^{(22)}\\
&+2m_{010}^{(10)}m_{200}^{(10)}m_{020}^{(22)}m_{002}^{(20)} + 2m_{010}^{(10)}m_{200}^{(10)}m_{011}^{(10)}m_{002}^{(22)} - 2m_{010}^{(10)}m_{200}^{(10)}m_{011}^{(20)}m_{011}^{(22)}\\
&-2m_{010}^{(10)}m_{200}^{(10)}m_{011}^{(22)}m_{002}^{(10)} + 2m_{010}^{(10)}m_{200}^{(20)}m_{110}^{(21)}m_{002}^{(21)} - 2m_{010}^{(10)}m_{200}^{(20)}m_{110}^{(22)}m_{011}^{(21)}\\
&-2m_{010}^{(10)}m_{200}^{(20)}m_{101}^{(21)}m_{011}^{(21)} + 2m_{010}^{(10)}m_{200}^{(20)}m_{101}^{(22)}m_{020}^{(21)} - 2m_{010}^{(10)}m_{200}^{(20)}m_{020}^{(10)}m_{002}^{(22)}\\
&+2m_{010}^{(10)}m_{200}^{(20)}m_{020}^{(20)}m_{002}^{(21)} - 2m_{010}^{(10)}m_{200}^{(20)}m_{020}^{(22)}m_{002}^{(10)} + 4m_{010}^{(10)}m_{200}^{(20)}m_{011}^{(10)}m_{011}^{(22)}\\
&-2m_{010}^{(10)}m_{200}^{(20)}m_{011}^{(10)}m_{002}^{(21)} - 2m_{010}^{(10)}m_{200}^{(20)}m_{011}^{(20)}m_{011}^{(21)} + 2m_{010}^{(10)}m_{200}^{(20)}m_{011}^{(21)}m_{002}^{(10)}\\
&+2m_{010}^{(10)}m_{200}^{(21)}m_{110}^{(10)}m_{002}^{(22)} - 2m_{010}^{(10)}m_{200}^{(21)}m_{110}^{(20)}m_{002}^{(21)} - 2m_{010}^{(10)}m_{200}^{(21)}m_{110}^{(22)}m_{011}^{(20)}\\
&+2m_{010}^{(10)}m_{200}^{(21)}m_{110}^{(22)}m_{002}^{(10)} - 2m_{010}^{(10)}m_{200}^{(21)}m_{101}^{(10)}m_{011}^{(22)} + 2m_{010}^{(10)}m_{200}^{(21)}m_{101}^{(20)}m_{011}^{(21)}\\
&+2m_{010}^{(10)}m_{200}^{(21)}m_{101}^{(22)}m_{020}^{(20)} - 2m_{010}^{(10)}m_{200}^{(21)}m_{101}^{(22)}m_{011}^{(10)} - 2m_{010}^{(10)}m_{200}^{(21)}m_{020}^{(20)}m_{002}^{(20)}\\
&-2m_{010}^{(10)}m_{200}^{(21)}m_{011}^{(10)}m_{002}^{(20)} + 2m_{010}^{(10)}m_{200}^{(21)}(m_{011}^{(20)})^2 + 2m_{010}^{(10)}m_{200}^{(21)}m_{011}^{(20)}m_{002}^{(10)}\\
&-2m_{010}^{(10)}m_{200}^{(22)}m_{110}^{(10)}m_{011}^{(22)} + 2m_{010}^{(10)}m_{200}^{(22)}m_{110}^{(20)}m_{011}^{(21)} + 2m_{010}^{(10)}m_{200}^{(22)}m_{110}^{(21)}m_{011}^{(20)}
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&-2m_{010}^{(10)}m_{200}^{(22)}m_{110}^{(21)}m_{002}^{(10)} + 2m_{010}^{(10)}m_{200}^{(22)}m_{101}^{(10)}m_{020}^{(22)} - 2m_{010}^{(10)}m_{200}^{(22)}m_{101}^{(20)}m_{020}^{(21)}\\
&-2m_{010}^{(10)}m_{200}^{(22)}m_{101}^{(21)}m_{020}^{(20)} + 2m_{010}^{(10)}m_{200}^{(22)}m_{101}^{(21)}m_{011}^{(10)} + 2m_{010}^{(10)}m_{200}^{(22)}m_{020}^{(10)}m_{002}^{(20)}\\
&-2m_{010}^{(10)}m_{200}^{(22)}m_{011}^{(10)}m_{011}^{(20)} + 2m_{010}^{(10)}m_{110}^{(10)}m_{110}^{(20)}m_{002}^{(22)} + 2m_{010}^{(10)}m_{110}^{(10)}m_{110}^{(22)}m_{101}^{(22)}\\
&-4m_{010}^{(10)}m_{110}^{(10)}m_{110}^{(22)}m_{002}^{(20)} - 2m_{010}^{(10)}m_{110}^{(10)}m_{101}^{(10)}m_{002}^{(22)} - 2m_{010}^{(10)}m_{110}^{(10)}m_{101}^{(21)}m_{101}^{(22)}\\
&+2m_{010}^{(10)}m_{110}^{(10)}m_{101}^{(22)}m_{011}^{(20)} + 2m_{010}^{(10)}m_{110}^{(10)}m_{101}^{(22)}m_{002}^{(10)} - 2m_{010}^{(10)}m_{110}^{(10)}m_{011}^{(00)}m_{002}^{(22)}\\
&+2m_{010}^{(10)}m_{110}^{(10)}m_{011}^{(22)}m_{002}^{(00)} - 2m_{010}^{(10)}(m_{110}^{(20)})^2m_{002}^{(21)} - 4m_{010}^{(10)}m_{110}^{(20)}m_{110}^{(21)}m_{101}^{(22)}\\
&+2m_{010}^{(10)}m_{110}^{(20)}m_{110}^{(21)}m_{002}^{(20)} + 2m_{010}^{(10)}m_{110}^{(20)}m_{110}^{(22)}m_{101}^{(21)} + 2m_{010}^{(10)}m_{110}^{(20)}m_{110}^{(22)}m_{002}^{(10)}\\
&-2m_{010}^{(10)}m_{110}^{(20)}m_{101}^{(10)}m_{011}^{(22)} + 2m_{010}^{(10)}m_{110}^{(20)}m_{101}^{(10)}m_{002}^{(21)} + 2m_{010}^{(10)}m_{110}^{(20)}m_{101}^{(20)}m_{011}^{(21)}\\
&+2m_{010}^{(10)}m_{110}^{(20)}(m_{101}^{(21)})^2 - 2m_{010}^{(10)}m_{110}^{(20)}m_{101}^{(21)}m_{002}^{(10)} - 2m_{010}^{(10)}m_{110}^{(20)}m_{101}^{(22)}m_{011}^{(10)}\\
&+2m_{010}^{(10)}m_{110}^{(20)}m_{011}^{(00)}m_{002}^{(21)} - 2m_{010}^{(10)}m_{110}^{(20)}m_{011}^{(21)}m_{002}^{(00)} + 2m_{010}^{(10)}m_{110}^{(21)}m_{110}^{(22)}m_{101}^{(20)}\\
&+4m_{010}^{(10)}m_{110}^{(21)}m_{101}^{(10)}m_{101}^{(22)} + 2m_{010}^{(10)}m_{110}^{(21)}m_{101}^{(10)}m_{002}^{(20)} - 2m_{010}^{(10)}m_{110}^{(21)}m_{101}^{(20)}m_{101}^{(21)}\\
&-2m_{010}^{(10)}m_{110}^{(21)}m_{101}^{(20)}m_{011}^{(20)} - 2m_{010}^{(10)}m_{110}^{(21)}m_{101}^{(20)}m_{002}^{(10)} + 2m_{010}^{(10)}m_{110}^{(21)}m_{011}^{(00)}m_{002}^{(20)}\\
&-2m_{010}^{(10)}m_{110}^{(21)}m_{011}^{(20)}m_{002}^{(00)} - 2m_{010}^{(10)}(m_{110}^{(22)})^2m_{101}^{(10)} - 2m_{010}^{(10)}m_{110}^{(22)}m_{101}^{(10)}m_{101}^{(21)}\\
&+2m_{010}^{(10)}m_{110}^{(22)}m_{101}^{(10)}m_{011}^{(20)} - 2m_{010}^{(10)}m_{110}^{(22)}m_{011}^{(00)}m_{002}^{(10)} + 2m_{010}^{(10)}m_{110}^{(22)}m_{011}^{(10)}m_{002}^{(00)}\\
&+2m_{010}^{(10)}m_{101}^{(00)}m_{020}^{(10)}m_{002}^{(22)} - 2m_{010}^{(10)}m_{101}^{(00)}m_{020}^{(20)}m_{002}^{(21)} - 2m_{010}^{(10)}m_{101}^{(00)}m_{020}^{(21)}m_{002}^{(20)}\\
&+2m_{010}^{(10)}m_{101}^{(00)}m_{020}^{(22)}m_{002}^{(10)} - 4m_{010}^{(10)}m_{101}^{(00)}m_{011}^{(10)}m_{011}^{(22)} + 4m_{010}^{(10)}m_{101}^{(00)}m_{011}^{(20)}m_{011}^{(21)}\\
&+2m_{010}^{(10)}(m_{101}^{(10)})^2m_{011}^{(22)} - 2m_{010}^{(10)}m_{101}^{(10)}m_{101}^{(20)}m_{011}^{(21)} - 2m_{010}^{(10)}m_{101}^{(10)}m_{101}^{(21)}m_{011}^{(20)}\\
&-2m_{010}^{(10)}m_{101}^{(10)}m_{101}^{(22)}m_{011}^{(10)} - 2m_{010}^{(10)}m_{101}^{(10)}m_{020}^{(22)}m_{002}^{(00)} + 2m_{010}^{(10)}m_{101}^{(10)}m_{011}^{(00)}m_{011}^{(22)}\\
&+4m_{010}^{(10)}m_{101}^{(20)}m_{101}^{(21)}m_{011}^{(10)} + 2m_{010}^{(10)}m_{101}^{(20)}m_{020}^{(21)}m_{002}^{(00)} - 2m_{010}^{(10)}m_{101}^{(20)}m_{011}^{(00)}m_{011}^{(21)}\\
&+2m_{010}^{(10)}m_{101}^{(21)}m_{020}^{(20)}m_{002}^{(00)} - 2m_{010}^{(10)}m_{101}^{(21)}m_{011}^{(00)}m_{011}^{(20)} - 2m_{010}^{(10)}m_{101}^{(22)}m_{020}^{(10)}m_{002}^{(00)}\\
&+2m_{010}^{(10)}m_{101}^{(22)}m_{011}^{(00)}m_{011}^{(10)} + m_{010}^{(11)}m_{200}^{(00)}m_{110}^{(21)}m_{002}^{(22)} - m_{010}^{(11)}m_{200}^{(00)}m_{110}^{(22)}m_{011}^{(22)}\\
&-m_{010}^{(11)}m_{200}^{(00)}m_{101}^{(21)}m_{011}^{(22)} + m_{010}^{(11)}m_{200}^{(00)}m_{101}^{(22)}m_{020}^{(22)} - m_{010}^{(11)}m_{200}^{(00)}m_{020}^{(22)}m_{002}^{(20)}\\
&-m_{010}^{(11)}m_{200}^{(00)}m_{011}^{(10)}m_{002}^{(22)} + m_{010}^{(11)}m_{200}^{(00)}m_{011}^{(20)}m_{011}^{(22)} + m_{010}^{(11)}m_{200}^{(00)}m_{011}^{(22)}m_{002}^{(10)}\\
&-2m_{010}^{(11)}m_{200}^{(20)}m_{110}^{(21)}m_{002}^{(20)} + 2m_{010}^{(11)}m_{200}^{(20)}m_{110}^{(22)}m_{011}^{(20)} + 2m_{010}^{(11)}m_{200}^{(20)}m_{101}^{(21)}m_{011}^{(20)}\\
&-2m_{010}^{(11)}m_{200}^{(20)}m_{101}^{(22)}m_{020}^{(20)} + m_{010}^{(11)}m_{200}^{(20)}m_{020}^{(00)}m_{002}^{(22)} + m_{010}^{(11)}m_{200}^{(20)}m_{020}^{(22)}m_{002}^{(00)}\\
&-2m_{010}^{(11)}m_{200}^{(20)}m_{011}^{(00)}m_{011}^{(22)} + 2m_{010}^{(11)}m_{200}^{(20)}m_{011}^{(10)}m_{002}^{(20)} - 2m_{010}^{(11)}m_{200}^{(20)}m_{011}^{(20)}m_{002}^{(10)}\\
&-m_{010}^{(11)}m_{200}^{(21)}m_{110}^{(00)}m_{002}^{(22)} + 2m_{010}^{(11)}m_{200}^{(21)}m_{110}^{(20)}m_{002}^{(20)} - m_{010}^{(11)}m_{200}^{(21)}m_{110}^{(22)}m_{002}^{(00)}\\
&+m_{010}^{(11)}m_{200}^{(21)}m_{101}^{(00)}m_{011}^{(22)} - 2m_{010}^{(11)}m_{200}^{(21)}m_{101}^{(20)}m_{011}^{(20)} + m_{010}^{(11)}m_{200}^{(21)}m_{101}^{(22)}m_{011}^{(00)}\\
&+m_{010}^{(11)}m_{200}^{(22)}m_{110}^{(00)}m_{011}^{(22)} - 2m_{010}^{(11)}m_{200}^{(22)}m_{110}^{(20)}m_{011}^{(20)} + m_{010}^{(11)}m_{200}^{(22)}m_{110}^{(21)}m_{002}^{(00)}\\
&-m_{010}^{(11)}m_{200}^{(22)}m_{101}^{(00)}m_{020}^{(22)} + 2m_{010}^{(11)}m_{200}^{(22)}m_{101}^{(20)}m_{020}^{(20)} - m_{010}^{(11)}m_{200}^{(22)}m_{101}^{(21)}m_{011}^{(00)}\\
&-m_{010}^{(11)}m_{200}^{(22)}m_{020}^{(00)}m_{002}^{(20)} + m_{010}^{(11)}m_{200}^{(22)}m_{011}^{(00)}m_{011}^{(20)} + m_{010}^{(11)}m_{200}^{(22)}m_{011}^{(00)}m_{002}^{(10)}\\
&-m_{010}^{(11)}m_{200}^{(22)}m_{011}^{(10)}m_{002}^{(00)} - m_{010}^{(11)}m_{110}^{(00)}m_{110}^{(20)}m_{002}^{(22)} - m_{010}^{(11)}m_{110}^{(00)}m_{110}^{(22)}m_{101}^{(22)}\\
&+2m_{010}^{(11)}m_{110}^{(00)}m_{110}^{(22)}m_{002}^{(20)} + m_{010}^{(11)}m_{110}^{(00)}m_{101}^{(10)}m_{002}^{(22)} + m_{010}^{(11)}m_{110}^{(00)}m_{101}^{(21)}m_{101}^{(22)}\\
&-m_{010}^{(11)}m_{110}^{(00)}m_{101}^{(22)}m_{011}^{(20)} - m_{010}^{(11)}m_{110}^{(00)}m_{101}^{(22)}m_{002}^{(10)} + m_{010}^{(11)}m_{110}^{(00)}m_{011}^{(22)}m_{002}^{(00)}\\
&-m_{010}^{(11)}m_{110}^{(00)}m_{011}^{(22)}m_{002}^{(00)} + 2m_{010}^{(11)}(m_{110}^{(20)})^2m_{101}^{(22)} - 2m_{010}^{(11)}m_{110}^{(20)}m_{110}^{(22)}m_{101}^{(20)}\\
&-m_{010}^{(11)}m_{110}^{(20)}m_{110}^{(22)}m_{002}^{(00)} + m_{010}^{(11)}m_{110}^{(20)}m_{101}^{(00)}m_{011}^{(22)} - 2m_{010}^{(11)}m_{110}^{(20)}m_{101}^{(10)}m_{002}^{(20)}\\
&-2m_{010}^{(11)}m_{110}^{(20)}m_{101}^{(20)}m_{101}^{(21)} + 2m_{010}^{(11)}m_{110}^{(20)}m_{101}^{(20)}m_{002}^{(10)} + m_{010}^{(11)}m_{110}^{(20)}m_{101}^{(22)}m_{011}^{(00)}\\
&-2m_{010}^{(11)}m_{110}^{(20)}m_{011}^{(00)}m_{002}^{(20)} + 2m_{010}^{(11)}m_{110}^{(20)}m_{011}^{(20)}m_{002}^{(00)} - 2m_{010}^{(11)}m_{110}^{(21)}m_{101}^{(00)}m_{101}^{(22)}
\end{aligned}
$$

$$+2m_{010}^{(11)}m_{110}^{(21)}(m_{101}^{(20)})^2+m_{010}^{(11)}(m_{110}^{(22)})^2m_{101}^{(00)}+m_{010}^{(11)}m_{110}^{(22)}m_{101}^{(00)}m_{101}^{(21)}$$
$$-m_{010}^{(11)}m_{110}^{(22)}m_{101}^{(00)}m_{011}^{(20)}-m_{010}^{(11)}m_{110}^{(22)}m_{101}^{(00)}m_{002}^{(10)}+m_{010}^{(11)}m_{110}^{(22)}m_{101}^{(10)}m_{002}^{(00)}$$
$$-m_{010}^{(11)}m_{101}^{(00)}m_{101}^{(10)}m_{011}^{(22)}+2m_{010}^{(11)}m_{101}^{(00)}m_{101}^{(22)}m_{011}^{(10)}-m_{010}^{(11)}m_{101}^{(00)}m_{020}^{(00)}m_{002}^{(22)}$$
$$+2m_{010}^{(11)}m_{101}^{(00)}m_{020}^{(20)}m_{002}^{(20)}+m_{010}^{(11)}m_{101}^{(00)}m_{011}^{(00)}m_{011}^{(22)}-2m_{010}^{(11)}m_{101}^{(00)}(m_{011}^{(20)})^2$$
$$+2m_{010}^{(11)}m_{101}^{(10)}m_{101}^{(20)}m_{011}^{(20)}-m_{010}^{(11)}m_{101}^{(10)}m_{101}^{(22)}m_{011}^{(00)}-2m_{010}^{(11)}(m_{101}^{(20)})^2m_{011}^{(10)}$$
$$-2m_{010}^{(11)}m_{101}^{(20)}m_{020}^{(20)}m_{002}^{(00)}+2m_{010}^{(11)}m_{101}^{(20)}m_{011}^{(00)}m_{011}^{(20)}+m_{010}^{(11)}m_{101}^{(22)}m_{020}^{(00)}m_{002}^{(00)}$$
$$-m_{010}^{(11)}m_{101}^{(22)}(m_{011}^{(00)})^2+2m_{010}^{(20)}m_{200}^{(10)}m_{110}^{(21)}m_{002}^{(21)}-2m_{010}^{(20)}m_{200}^{(10)}m_{110}^{(22)}m_{011}^{(21)}$$
$$-2m_{010}^{(20)}m_{200}^{(10)}m_{101}^{(21)}m_{011}^{(21)}+2m_{010}^{(20)}m_{200}^{(10)}m_{101}^{(22)}m_{020}^{(21)}-2m_{010}^{(20)}m_{200}^{(10)}m_{020}^{(21)}m_{002}^{(20)}$$
$$-2m_{010}^{(20)}m_{200}^{(10)}m_{011}^{(10)}m_{002}^{(21)}+2m_{010}^{(20)}m_{200}^{(10)}m_{011}^{(20)}m_{011}^{(21)}+2m_{010}^{(20)}m_{200}^{(10)}m_{011}^{(21)}m_{002}^{(10)}$$
$$-2m_{010}^{(20)}m_{200}^{(11)}m_{110}^{(21)}m_{002}^{(20)}+2m_{010}^{(20)}m_{200}^{(11)}m_{110}^{(22)}m_{011}^{(20)}+2m_{010}^{(20)}m_{200}^{(11)}m_{101}^{(21)}m_{011}^{(20)}$$
$$-2m_{010}^{(20)}m_{200}^{(11)}m_{101}^{(22)}m_{020}^{(20)}+2m_{010}^{(20)}m_{200}^{(11)}m_{020}^{(20)}m_{002}^{(20)}+2m_{010}^{(20)}m_{200}^{(11)}m_{011}^{(10)}m_{002}^{(20)}$$
$$-2m_{010}^{(20)}m_{200}^{(11)}(m_{011}^{(20)})^2-2m_{010}^{(20)}m_{200}^{(11)}m_{011}^{(20)}m_{002}^{(10)}-2m_{010}^{(20)}m_{200}^{(20)}m_{110}^{(21)}m_{002}^{(11)}$$
$$+2m_{010}^{(20)}m_{200}^{(20)}m_{110}^{(22)}m_{011}^{(11)}+2m_{010}^{(20)}m_{200}^{(20)}m_{101}^{(21)}m_{011}^{(11)}-2m_{010}^{(20)}m_{200}^{(20)}m_{101}^{(22)}m_{020}^{(11)}$$
$$+2m_{010}^{(20)}m_{200}^{(20)}m_{020}^{(10)}m_{002}^{(21)}-2m_{010}^{(20)}m_{200}^{(20)}m_{020}^{(20)}m_{002}^{(11)}+2m_{010}^{(20)}m_{200}^{(20)}m_{020}^{(21)}m_{002}^{(10)}$$
$$-4m_{010}^{(20)}m_{200}^{(20)}m_{011}^{(10)}m_{011}^{(21)}+2m_{010}^{(20)}m_{200}^{(20)}m_{011}^{(10)}m_{002}^{(11)}+2m_{010}^{(20)}m_{200}^{(20)}m_{011}^{(11)}m_{011}^{(20)}$$
$$-2m_{010}^{(20)}m_{200}^{(20)}m_{011}^{(11)}m_{002}^{(10)}-2m_{010}^{(20)}m_{200}^{(21)}m_{110}^{(10)}m_{002}^{(21)}+2m_{010}^{(20)}m_{200}^{(21)}m_{110}^{(11)}m_{002}^{(20)}$$
$$+2m_{010}^{(20)}m_{200}^{(21)}m_{110}^{(20)}m_{002}^{(11)}-2m_{010}^{(20)}m_{200}^{(21)}m_{110}^{(22)}m_{011}^{(10)}+2m_{010}^{(20)}m_{200}^{(21)}m_{101}^{(10)}m_{011}^{(21)}$$
$$-2m_{010}^{(20)}m_{200}^{(21)}m_{101}^{(11)}m_{011}^{(20)}-2m_{010}^{(20)}m_{200}^{(21)}m_{101}^{(20)}m_{011}^{(11)}+2m_{010}^{(20)}m_{200}^{(21)}m_{101}^{(22)}m_{020}^{(10)}$$
$$-2m_{010}^{(20)}m_{200}^{(21)}m_{020}^{(10)}m_{002}^{(20)}+2m_{010}^{(20)}m_{200}^{(21)}m_{011}^{(10)}m_{011}^{(20)}+2m_{010}^{(20)}m_{200}^{(22)}m_{110}^{(10)}m_{011}^{(21)}$$
$$-2m_{010}^{(20)}m_{200}^{(22)}m_{110}^{(11)}m_{011}^{(20)}-2m_{010}^{(20)}m_{200}^{(22)}m_{110}^{(20)}m_{011}^{(11)}+2m_{010}^{(20)}m_{200}^{(22)}m_{110}^{(21)}m_{011}^{(10)}$$
$$-2m_{010}^{(20)}m_{200}^{(22)}m_{101}^{(10)}m_{020}^{(21)}+2m_{010}^{(20)}m_{200}^{(22)}m_{101}^{(11)}m_{020}^{(20)}+2m_{010}^{(20)}m_{200}^{(22)}m_{101}^{(20)}m_{020}^{(11)}$$
$$-2m_{010}^{(20)}m_{200}^{(22)}m_{101}^{(21)}m_{020}^{(10)}-2m_{010}^{(20)}m_{110}^{(10)}m_{110}^{(20)}m_{002}^{(21)}-4m_{010}^{(20)}m_{110}^{(10)}m_{110}^{(21)}m_{101}^{(22)}$$
$$+4m_{010}^{(20)}m_{110}^{(10)}m_{110}^{(21)}m_{002}^{(20)}+2m_{010}^{(20)}m_{110}^{(10)}m_{110}^{(22)}m_{101}^{(21)}+2m_{010}^{(20)}m_{110}^{(10)}m_{101}^{(10)}m_{002}^{(21)}$$
$$+2m_{010}^{(20)}m_{110}^{(10)}(m_{101}^{(21)})^2-2m_{010}^{(20)}m_{110}^{(10)}m_{101}^{(21)}m_{011}^{(20)}-2m_{010}^{(20)}m_{110}^{(10)}m_{101}^{(21)}m_{002}^{(10)}$$
$$+2m_{010}^{(20)}m_{110}^{(10)}m_{011}^{(00)}m_{002}^{(21)}-2m_{010}^{(20)}m_{110}^{(10)}m_{011}^{(21)}m_{002}^{(00)}+4m_{010}^{(20)}m_{110}^{(11)}m_{110}^{(20)}m_{101}^{(22)}$$
$$-2m_{010}^{(20)}m_{110}^{(11)}m_{110}^{(20)}m_{002}^{(20)}-2m_{010}^{(20)}m_{110}^{(11)}m_{110}^{(22)}m_{101}^{(20)}-2m_{010}^{(20)}m_{110}^{(11)}m_{110}^{(10)}m_{002}^{(20)}$$
$$-2m_{010}^{(20)}m_{110}^{(11)}m_{101}^{(20)}m_{101}^{(21)}+2m_{010}^{(20)}m_{110}^{(11)}m_{101}^{(20)}m_{011}^{(20)}+2m_{010}^{(20)}m_{110}^{(11)}m_{101}^{(20)}m_{002}^{(10)}$$
$$-2m_{010}^{(20)}m_{110}^{(11)}m_{011}^{(00)}m_{002}^{(20)}+2m_{010}^{(20)}m_{110}^{(11)}m_{011}^{(20)}m_{002}^{(00)}+2m_{010}^{(20)}(m_{110}^{(20)})^2m_{002}^{(11)}$$
$$-2m_{010}^{(20)}m_{110}^{(20)}m_{110}^{(21)}m_{002}^{(10)}-2m_{010}^{(20)}m_{110}^{(20)}m_{110}^{(22)}m_{101}^{(11)}+2m_{010}^{(20)}m_{110}^{(20)}m_{101}^{(10)}m_{011}^{(21)}$$
$$-2m_{010}^{(20)}m_{110}^{(20)}m_{101}^{(10)}m_{002}^{(11)}-2m_{010}^{(20)}m_{110}^{(20)}m_{101}^{(11)}m_{101}^{(21)}+2m_{010}^{(20)}m_{110}^{(20)}m_{101}^{(11)}m_{002}^{(10)}$$
$$-2m_{010}^{(20)}m_{110}^{(20)}m_{101}^{(20)}m_{011}^{(11)}+2m_{010}^{(20)}m_{110}^{(20)}m_{101}^{(21)}m_{011}^{(10)}-2m_{010}^{(20)}m_{110}^{(20)}m_{011}^{(00)}m_{002}^{(11)}$$
$$+2m_{010}^{(20)}m_{110}^{(20)}m_{011}^{(11)}m_{002}^{(00)}+2m_{010}^{(20)}m_{110}^{(21)}m_{110}^{(22)}m_{101}^{(10)}-2m_{010}^{(20)}m_{110}^{(21)}m_{110}^{(10)}m_{101}^{(21)}$$
$$-2m_{010}^{(20)}m_{110}^{(21)}m_{101}^{(10)}m_{011}^{(20)}+4m_{010}^{(20)}m_{110}^{(21)}m_{101}^{(11)}m_{101}^{(20)}+2m_{010}^{(20)}m_{110}^{(21)}m_{011}^{(00)}m_{002}^{(10)}$$
$$-2m_{010}^{(20)}m_{110}^{(21)}m_{011}^{(10)}m_{002}^{(00)}-2m_{010}^{(20)}m_{101}^{(00)}m_{020}^{(10)}m_{002}^{(21)}+2m_{010}^{(20)}m_{101}^{(00)}m_{020}^{(11)}m_{002}^{(20)}$$
$$+2m_{010}^{(20)}m_{101}^{(00)}m_{020}^{(20)}m_{002}^{(11)}-2m_{010}^{(20)}m_{101}^{(00)}m_{021}^{(10)}m_{002}^{(10)}+4m_{010}^{(20)}m_{101}^{(00)}m_{011}^{(10)}m_{011}^{(21)}$$
$$-4m_{010}^{(20)}m_{101}^{(00)}m_{011}^{(11)}m_{011}^{(20)}-2m_{010}^{(20)}(m_{101}^{(10)})^2m_{011}^{(21)}+2m_{010}^{(20)}m_{101}^{(10)}m_{101}^{(11)}m_{011}^{(20)}$$
$$+2m_{010}^{(20)}m_{101}^{(10)}m_{101}^{(20)}m_{011}^{(11)}+2m_{010}^{(20)}m_{101}^{(10)}m_{101}^{(21)}m_{011}^{(10)}+2m_{010}^{(20)}m_{101}^{(10)}m_{020}^{(00)}m_{002}^{(21)}$$
$$-2m_{010}^{(20)}m_{101}^{(10)}m_{011}^{(00)}m_{011}^{(21)}-4m_{010}^{(20)}m_{101}^{(11)}m_{101}^{(20)}m_{011}^{(10)}-2m_{010}^{(20)}m_{101}^{(11)}m_{020}^{(20)}m_{002}^{(00)}$$

$$
\begin{aligned}
&+2m_{010}^{(20)}m_{101}^{(11)}m_{011}^{(00)}m_{011}^{(20)} - 2m_{010}^{(20)}m_{101}^{(20)}m_{020}^{(11)}m_{002}^{(00)} + 2m_{010}^{(20)}m_{101}^{(20)}m_{011}^{(00)}m_{011}^{(11)}\\
&+2m_{010}^{(20)}m_{101}^{(21)}m_{020}^{(10)}m_{002}^{(00)} - 2m_{010}^{(20)}m_{101}^{(21)}m_{011}^{(00)}m_{011}^{(10)} - 2m_{010}^{(21)}m_{200}^{(00)}m_{110}^{(21)}m_{002}^{(21)}\\
&+2m_{010}^{(21)}m_{200}^{(00)}m_{110}^{(22)}m_{011}^{(21)} + 2m_{010}^{(21)}m_{200}^{(00)}m_{101}^{(21)}m_{011}^{(21)} - 2m_{010}^{(21)}m_{200}^{(00)}m_{101}^{(22)}m_{020}^{(21)}\\
&+2m_{010}^{(21)}m_{200}^{(00)}m_{020}^{(21)}m_{002}^{(20)} + 2m_{010}^{(21)}m_{200}^{(00)}m_{011}^{(10)}m_{002}^{(21)} - 2m_{010}^{(21)}m_{200}^{(00)}m_{011}^{(20)}m_{011}^{(21)}\\
&-2m_{010}^{(21)}m_{200}^{(00)}m_{011}^{(21)}m_{002}^{(10)} + 2m_{010}^{(21)}m_{200}^{(10)}m_{110}^{(21)}m_{002}^{(20)} - 2m_{010}^{(21)}m_{200}^{(10)}m_{110}^{(22)}m_{011}^{(20)}\\
&-2m_{010}^{(21)}m_{200}^{(10)}m_{101}^{(21)}m_{011}^{(20)} + 2m_{010}^{(21)}m_{200}^{(10)}m_{101}^{(22)}m_{020}^{(20)} - 2m_{010}^{(21)}m_{200}^{(10)}m_{020}^{(20)}m_{002}^{(20)}\\
&-2m_{010}^{(21)}m_{200}^{(10)}m_{011}^{(10)}m_{002}^{(20)} + 2m_{010}^{(21)}m_{200}^{(10)}(m_{011}^{(20)})^2 + 2m_{010}^{(21)}m_{200}^{(10)}m_{011}^{(20)}m_{002}^{(10)}\\
&+2m_{010}^{(21)}m_{200}^{(20)}m_{110}^{(21)}m_{002}^{(10)} - 2m_{010}^{(21)}m_{200}^{(20)}m_{110}^{(22)}m_{011}^{(10)} - 2m_{010}^{(21)}m_{200}^{(20)}m_{101}^{(21)}m_{011}^{(10)}\\
&+2m_{010}^{(21)}m_{200}^{(20)}m_{101}^{(22)}m_{020}^{(10)} - 2m_{010}^{(21)}m_{200}^{(20)}m_{020}^{(00)}m_{002}^{(21)} + 2m_{010}^{(21)}m_{200}^{(20)}m_{020}^{(20)}m_{002}^{(10)}\\
&-2m_{010}^{(21)}m_{200}^{(20)}m_{020}^{(21)}m_{002}^{(00)} + 4m_{010}^{(21)}m_{200}^{(20)}m_{011}^{(00)}m_{011}^{(21)} - 2m_{010}^{(21)}m_{200}^{(20)}m_{011}^{(10)}m_{011}^{(20)}\\
&+2m_{010}^{(21)}m_{200}^{(21)}m_{110}^{(00)}m_{002}^{(21)} - 2m_{010}^{(21)}m_{200}^{(21)}m_{110}^{(10)}m_{002}^{(20)} - 2m_{010}^{(21)}m_{200}^{(21)}m_{110}^{(20)}m_{002}^{(10)}\\
&+2m_{010}^{(21)}m_{200}^{(21)}m_{110}^{(22)}m_{011}^{(00)} - 2m_{010}^{(21)}m_{200}^{(21)}m_{101}^{(00)}m_{011}^{(21)} + 2m_{010}^{(21)}m_{200}^{(21)}m_{101}^{(10)}m_{011}^{(20)}\\
&+2m_{010}^{(21)}m_{200}^{(21)}m_{101}^{(20)}m_{011}^{(10)} - 2m_{010}^{(21)}m_{200}^{(21)}m_{101}^{(22)}m_{020}^{(00)} + 2m_{010}^{(21)}m_{200}^{(21)}m_{020}^{(00)}m_{002}^{(20)}\\
&-2m_{010}^{(21)}m_{200}^{(21)}m_{011}^{(00)}m_{011}^{(20)} - 2m_{010}^{(21)}m_{200}^{(21)}m_{011}^{(00)}m_{002}^{(10)} + 2m_{010}^{(21)}m_{200}^{(21)}m_{011}^{(10)}m_{002}^{(00)}\\
&-2m_{010}^{(21)}m_{200}^{(22)}m_{110}^{(00)}m_{011}^{(21)} + 2m_{010}^{(21)}m_{200}^{(22)}m_{110}^{(10)}m_{011}^{(20)} + 2m_{010}^{(21)}m_{200}^{(22)}m_{110}^{(20)}m_{011}^{(10)}\\
&-2m_{010}^{(21)}m_{200}^{(22)}m_{110}^{(21)}m_{011}^{(00)} + 2m_{010}^{(21)}m_{200}^{(22)}m_{101}^{(00)}m_{020}^{(21)} - 2m_{010}^{(21)}m_{200}^{(22)}m_{101}^{(10)}m_{020}^{(20)}\\
&-2m_{010}^{(21)}m_{200}^{(22)}m_{101}^{(20)}m_{020}^{(10)} + 2m_{010}^{(21)}m_{200}^{(22)}m_{101}^{(21)}m_{020}^{(00)} + 2m_{010}^{(21)}m_{110}^{(00)}m_{110}^{(20)}m_{002}^{(21)}\\
&+4m_{010}^{(21)}m_{110}^{(00)}m_{110}^{(21)}m_{101}^{(22)} - 4m_{010}^{(21)}m_{110}^{(00)}m_{110}^{(21)}m_{002}^{(20)} - 2m_{010}^{(21)}m_{110}^{(00)}m_{110}^{(22)}m_{101}^{(21)}\\
&-2m_{010}^{(21)}m_{110}^{(00)}m_{101}^{(10)}m_{002}^{(21)} - 2m_{010}^{(21)}m_{110}^{(00)}(m_{101}^{(21)})^2 + 2m_{010}^{(21)}m_{110}^{(00)}m_{101}^{(21)}m_{011}^{(20)}\\
&+2m_{010}^{(21)}m_{110}^{(00)}m_{101}^{(21)}m_{002}^{(10)} - 2m_{010}^{(21)}m_{110}^{(00)}m_{011}^{(00)}m_{002}^{(21)} + 2m_{010}^{(21)}m_{110}^{(00)}m_{011}^{(21)}m_{002}^{(00)}\\
&-4m_{010}^{(21)}m_{110}^{(10)}m_{110}^{(20)}m_{101}^{(22)} + 2m_{010}^{(21)}m_{110}^{(10)}m_{110}^{(20)}m_{002}^{(20)} + 2m_{010}^{(21)}m_{110}^{(10)}m_{110}^{(22)}m_{101}^{(20)}\\
&+2m_{010}^{(21)}m_{110}^{(10)}m_{101}^{(10)}m_{002}^{(20)} + 2m_{010}^{(21)}m_{110}^{(10)}m_{101}^{(20)}m_{101}^{(21)} - 2m_{010}^{(21)}m_{110}^{(10)}m_{101}^{(20)}m_{011}^{(20)}\\
&-2m_{010}^{(21)}m_{110}^{(10)}m_{101}^{(20)}m_{002}^{(10)} + 2m_{010}^{(21)}m_{110}^{(10)}m_{011}^{(00)}m_{002}^{(20)} - 2m_{010}^{(21)}m_{110}^{(10)}m_{011}^{(20)}m_{002}^{(00)}\\
&-2m_{010}^{(21)}(m_{110}^{(20)})^2m_{002}^{(10)} + 2m_{010}^{(21)}m_{110}^{(20)}m_{110}^{(21)}m_{002}^{(00)} + 2m_{010}^{(21)}m_{110}^{(20)}m_{110}^{(22)}m_{101}^{(10)}\\
&-2m_{010}^{(21)}m_{110}^{(20)}m_{101}^{(00)}m_{011}^{(21)} + 2m_{010}^{(21)}m_{110}^{(20)}m_{101}^{(10)}m_{101}^{(21)} + 2m_{010}^{(21)}m_{110}^{(20)}m_{101}^{(20)}m_{011}^{(10)}\\
&-2m_{010}^{(21)}m_{110}^{(20)}m_{101}^{(21)}m_{011}^{(00)} + 2m_{010}^{(21)}m_{110}^{(20)}m_{011}^{(00)}m_{002}^{(10)} - 2m_{010}^{(21)}m_{110}^{(20)}m_{011}^{(10)}m_{002}^{(00)}\\
&-2m_{010}^{(21)}m_{110}^{(21)}m_{110}^{(22)}m_{101}^{(00)} + 2m_{010}^{(21)}m_{110}^{(21)}m_{110}^{(00)}m_{101}^{(22)} + 2m_{010}^{(21)}m_{110}^{(21)}m_{101}^{(00)}m_{011}^{(20)}\\
&+2m_{010}^{(21)}m_{110}^{(21)}m_{101}^{(00)}m_{002}^{(10)} - 4m_{010}^{(21)}m_{110}^{(21)}m_{101}^{(10)}m_{101}^{(20)} - 2m_{010}^{(21)}m_{110}^{(21)}m_{101}^{(10)}m_{002}^{(00)}\\
&+2m_{010}^{(21)}m_{101}^{(00)}m_{101}^{(10)}m_{011}^{(21)} - 4m_{010}^{(21)}m_{101}^{(00)}m_{101}^{(21)}m_{011}^{(10)} + 2m_{010}^{(21)}m_{101}^{(00)}m_{020}^{(00)}m_{002}^{(21)}\\
&-2m_{010}^{(21)}m_{101}^{(00)}m_{020}^{(10)}m_{002}^{(20)} - 2m_{010}^{(21)}m_{101}^{(00)}m_{020}^{(20)}m_{002}^{(10)} - 2m_{010}^{(21)}m_{101}^{(00)}m_{011}^{(00)}m_{011}^{(21)}\\
&+4m_{010}^{(21)}m_{101}^{(00)}m_{011}^{(10)}m_{011}^{(20)} - 2m_{010}^{(21)}(m_{101}^{(10)})^2m_{011}^{(20)} + 2m_{010}^{(21)}m_{101}^{(10)}m_{101}^{(20)}m_{011}^{(10)}\\
&+2m_{010}^{(21)}m_{101}^{(10)}m_{101}^{(21)}m_{011}^{(00)} + 2m_{010}^{(21)}m_{101}^{(10)}m_{020}^{(20)}m_{002}^{(00)} - 2m_{010}^{(21)}m_{101}^{(10)}m_{011}^{(00)}m_{011}^{(20)}\\
&+2m_{010}^{(21)}m_{101}^{(20)}m_{101}^{(10)}m_{020}^{(00)} - 2m_{010}^{(21)}m_{101}^{(20)}m_{011}^{(00)}m_{011}^{(10)} - 2m_{010}^{(21)}m_{101}^{(21)}m_{020}^{(00)}m_{002}^{(00)}\\
&+2m_{010}^{(21)}m_{101}^{(21)}(m_{011}^{(00)})^2 + m_{010}^{(22)}m_{200}^{(00)}m_{110}^{(21)}m_{002}^{(11)} - m_{010}^{(22)}m_{200}^{(00)}m_{110}^{(22)}m_{011}^{(11)}\\
&-m_{010}^{(22)}m_{200}^{(00)}m_{101}^{(21)}m_{011}^{(11)} + m_{010}^{(22)}m_{200}^{(00)}m_{101}^{(22)}m_{020}^{(11)} - m_{010}^{(22)}m_{200}^{(00)}m_{020}^{(11)}m_{002}^{(20)}\\
&-m_{010}^{(22)}m_{200}^{(00)}m_{011}^{(10)}m_{002}^{(11)} + m_{010}^{(22)}m_{200}^{(00)}m_{011}^{(11)}m_{011}^{(20)} + m_{010}^{(22)}m_{200}^{(00)}m_{011}^{(11)}m_{002}^{(10)}\\
&-2m_{010}^{(22)}m_{200}^{(10)}m_{110}^{(21)}m_{002}^{(10)} + 2m_{010}^{(22)}m_{200}^{(10)}m_{110}^{(22)}m_{011}^{(10)} + 2m_{010}^{(22)}m_{200}^{(10)}m_{101}^{(21)}m_{011}^{(10)}\\
&-2m_{010}^{(22)}m_{200}^{(10)}m_{101}^{(22)}m_{020}^{(10)} + 2m_{010}^{(22)}m_{200}^{(10)}m_{020}^{(10)}m_{002}^{(20)} - 2m_{010}^{(22)}m_{200}^{(10)}m_{011}^{(10)}m_{011}^{(20)}
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\begin{aligned}
&+m_{010}^{(22)}m_{200}^{(11)}m_{110}^{(21)}m_{002}^{(00)} - m_{010}^{(22)}m_{200}^{(11)}m_{110}^{(22)}m_{011}^{(00)} - m_{010}^{(22)}m_{200}^{(11)}m_{101}^{(21)}m_{011}^{(00)}\\
&+m_{010}^{(22)}m_{200}^{(11)}m_{101}^{(22)}m_{020}^{(00)} - m_{010}^{(22)}m_{200}^{(11)}m_{020}^{(00)}m_{002}^{(20)} + m_{010}^{(22)}m_{200}^{(11)}m_{011}^{(00)}m_{011}^{(20)}\\
&+m_{010}^{(22)}m_{200}^{(11)}m_{011}^{(00)}m_{002}^{(10)} - m_{010}^{(22)}m_{200}^{(11)}m_{011}^{(10)}m_{002}^{(00)} + m_{010}^{(22)}m_{200}^{(20)}m_{020}^{(00)}m_{002}^{(11)}\\
&-2m_{010}^{(22)}m_{200}^{(20)}m_{020}^{(10)}m_{002}^{(10)} + m_{010}^{(22)}m_{200}^{(20)}m_{020}^{(11)}m_{002}^{(00)} - 2m_{010}^{(22)}m_{200}^{(20)}m_{011}^{(00)}m_{011}^{(11)}\\
&+2m_{010}^{(22)}m_{200}^{(20)}(m_{011}^{(10)})^2 - m_{010}^{(22)}m_{200}^{(21)}m_{110}^{(00)}m_{002}^{(11)} + 2m_{010}^{(22)}m_{200}^{(21)}m_{110}^{(10)}m_{002}^{(10)}\\
&-m_{010}^{(22)}m_{200}^{(21)}m_{110}^{(11)}m_{002}^{(00)} + m_{010}^{(22)}m_{200}^{(21)}m_{101}^{(00)}m_{011}^{(11)} - 2m_{010}^{(22)}m_{200}^{(21)}m_{101}^{(10)}m_{011}^{(10)}\\
&+m_{010}^{(22)}m_{200}^{(21)}m_{101}^{(11)}m_{011}^{(00)} + m_{010}^{(22)}m_{200}^{(22)}m_{110}^{(00)}m_{011}^{(11)} - 2m_{010}^{(22)}m_{200}^{(22)}m_{110}^{(10)}m_{011}^{(10)}\\
&+m_{010}^{(22)}m_{200}^{(22)}m_{110}^{(11)}m_{011}^{(00)} - m_{010}^{(22)}m_{200}^{(22)}m_{101}^{(00)}m_{020}^{(11)} + 2m_{010}^{(22)}m_{200}^{(22)}m_{101}^{(10)}m_{020}^{(10)}\\
&-m_{010}^{(22)}m_{200}^{(22)}m_{101}^{(11)}m_{020}^{(00)} - 2m_{010}^{(22)}m_{110}^{(00)}m_{110}^{(11)}m_{101}^{(22)} + 2m_{010}^{(22)}m_{110}^{(00)}m_{110}^{(11)}m_{002}^{(20)}\\
&-m_{010}^{(22)}m_{110}^{(00)}m_{110}^{(20)}m_{002}^{(11)} + m_{010}^{(22)}m_{110}^{(00)}m_{110}^{(22)}m_{101}^{(11)} + m_{010}^{(22)}m_{110}^{(00)}m_{101}^{(10)}m_{002}^{(11)}\\
&+m_{010}^{(22)}m_{110}^{(00)}m_{101}^{(11)}m_{101}^{(21)} - m_{010}^{(22)}m_{110}^{(00)}m_{101}^{(11)}m_{011}^{(20)} - m_{010}^{(22)}m_{110}^{(00)}m_{101}^{(11)}m_{002}^{(10)}\\
&+m_{010}^{(22)}m_{110}^{(00)}m_{011}^{(00)}m_{002}^{(11)} - m_{010}^{(22)}m_{110}^{(00)}m_{011}^{(11)}m_{002}^{(00)} + 2m_{010}^{(22)}(m_{110}^{(10)})^2m_{101}^{(22)}\\
&-2m_{010}^{(22)}(m_{110}^{(10)})^2m_{002}^{(20)} + 2m_{010}^{(22)}m_{110}^{(10)}m_{110}^{(20)}m_{002}^{(10)} - 2m_{010}^{(22)}m_{110}^{(10)}m_{110}^{(22)}m_{101}^{(10)}\\
&-2m_{010}^{(22)}m_{110}^{(10)}m_{101}^{(10)}m_{101}^{(21)} + 2m_{010}^{(22)}m_{110}^{(10)}m_{101}^{(10)}m_{011}^{(20)} - 2m_{010}^{(22)}m_{110}^{(10)}m_{011}^{(00)}m_{002}^{(10)}\\
&+2m_{010}^{(22)}m_{110}^{(10)}m_{011}^{(10)}m_{002}^{(00)} - m_{010}^{(22)}m_{110}^{(11)}m_{110}^{(20)}m_{002}^{(00)} + m_{010}^{(22)}m_{110}^{(11)}m_{110}^{(22)}m_{101}^{(00)}\\
&+m_{010}^{(22)}m_{110}^{(11)}m_{101}^{(00)}m_{101}^{(21)} - m_{010}^{(22)}m_{110}^{(11)}m_{101}^{(00)}m_{011}^{(20)} - m_{010}^{(22)}m_{110}^{(11)}m_{101}^{(00)}m_{002}^{(10)}\\
&+m_{010}^{(22)}m_{110}^{(11)}m_{101}^{(10)}m_{101}^{(00)} + m_{010}^{(22)}m_{110}^{(20)}m_{101}^{(00)}m_{011}^{(11)} - 2m_{010}^{(22)}m_{110}^{(20)}m_{101}^{(10)}m_{011}^{(10)}\\
&+m_{010}^{(22)}m_{110}^{(20)}m_{101}^{(11)}m_{011}^{(00)} - 2m_{010}^{(22)}m_{110}^{(21)}m_{101}^{(00)}m_{101}^{(11)} + 2m_{010}^{(22)}m_{110}^{(21)}(m_{101}^{(10)})^2\\
&-m_{010}^{(22)}m_{101}^{(00)}m_{101}^{(10)}m_{011}^{(11)} + 2m_{010}^{(22)}m_{101}^{(00)}m_{101}^{(11)}m_{011}^{(10)} - m_{010}^{(22)}m_{101}^{(00)}m_{020}^{(00)}m_{002}^{(11)}\\
&+2m_{010}^{(22)}m_{101}^{(00)}m_{020}^{(10)}m_{002}^{(10)} + m_{010}^{(22)}m_{101}^{(00)}m_{011}^{(00)}m_{011}^{(11)} - 2m_{010}^{(22)}m_{101}^{(00)}(m_{011}^{(10)})^2\\
&-m_{010}^{(22)}m_{101}^{(10)}m_{101}^{(11)}m_{011}^{(00)} - 2m_{010}^{(22)}m_{101}^{(10)}m_{020}^{(10)}m_{002}^{(00)} + 2m_{010}^{(22)}m_{101}^{(10)}m_{011}^{(00)}m_{011}^{(10)}\\
&+m_{010}^{(22)}m_{101}^{(11)}m_{020}^{(00)}m_{002}^{(00)} - m_{010}^{(22)}m_{101}^{(11)}(m_{011}^{(00)})^2 - m_{001}^{(00)}m_{200}^{(10)}m_{020}^{(11)}m_{002}^{(22)}\\
&+2m_{001}^{(00)}m_{200}^{(10)}m_{020}^{(21)}m_{002}^{(21)} - m_{001}^{(00)}m_{200}^{(10)}m_{020}^{(22)}m_{002}^{(11)} + 2m_{001}^{(00)}m_{200}^{(10)}m_{011}^{(11)}m_{011}^{(22)}\\
&-2m_{001}^{(00)}m_{200}^{(10)}(m_{011}^{(21)})^2 + m_{001}^{(00)}m_{200}^{(11)}m_{110}^{(21)}m_{011}^{(22)} - 2m_{001}^{(00)}m_{200}^{(11)}m_{110}^{(21)}m_{002}^{(21)}\\
&+m_{001}^{(00)}m_{200}^{(11)}m_{110}^{(22)}m_{002}^{(11)} - m_{001}^{(00)}m_{200}^{(11)}m_{101}^{(21)}m_{020}^{(22)} + 2m_{001}^{(00)}m_{200}^{(11)}m_{101}^{(21)}m_{011}^{(21)}\\
&-m_{001}^{(00)}m_{200}^{(11)}m_{101}^{(22)}m_{011}^{(11)} + m_{001}^{(00)}m_{200}^{(11)}m_{010}^{(10)}m_{002}^{(22)} - m_{001}^{(00)}m_{200}^{(11)}m_{020}^{(20)}m_{011}^{(22)}\\
&+m_{001}^{(00)}m_{200}^{(11)}m_{020}^{(22)}m_{011}^{(20)} - m_{001}^{(00)}m_{200}^{(11)}m_{011}^{(10)}m_{011}^{(22)} - m_{001}^{(00)}m_{200}^{(21)}m_{110}^{(11)}m_{011}^{(22)}\\
&+2m_{001}^{(00)}m_{200}^{(21)}m_{110}^{(11)}m_{002}^{(21)} - m_{001}^{(00)}m_{200}^{(21)}m_{110}^{(22)}m_{011}^{(11)} + m_{001}^{(00)}m_{200}^{(21)}m_{101}^{(11)}m_{020}^{(22)}\\
&-2m_{001}^{(00)}m_{200}^{(21)}m_{101}^{(11)}m_{011}^{(21)} + m_{001}^{(00)}m_{200}^{(21)}m_{101}^{(22)}m_{020}^{(11)} - 2m_{001}^{(00)}m_{200}^{(21)}m_{020}^{(10)}m_{002}^{(21)}\\
&+2m_{001}^{(00)}m_{200}^{(21)}m_{020}^{(20)}m_{011}^{(21)} - 2m_{001}^{(00)}m_{200}^{(21)}m_{020}^{(21)}m_{011}^{(20)} + 2m_{001}^{(00)}m_{200}^{(21)}m_{020}^{(10)}m_{011}^{(21)}\\
&-m_{001}^{(00)}m_{200}^{(22)}m_{110}^{(11)}m_{002}^{(11)} + m_{001}^{(00)}m_{200}^{(22)}m_{110}^{(21)}m_{011}^{(11)} + m_{001}^{(00)}m_{200}^{(22)}m_{101}^{(11)}m_{011}^{(11)}\\
&-m_{001}^{(00)}m_{200}^{(22)}m_{101}^{(21)}m_{020}^{(11)} + m_{001}^{(00)}m_{200}^{(22)}m_{020}^{(10)}m_{002}^{(11)} + m_{001}^{(00)}m_{200}^{(22)}m_{020}^{(11)}m_{011}^{(20)}\\
&-m_{001}^{(00)}m_{200}^{(22)}m_{020}^{(20)}m_{011}^{(11)} - m_{001}^{(00)}m_{200}^{(22)}m_{011}^{(10)}m_{011}^{(11)} + m_{001}^{(00)}m_{110}^{(00)}m_{020}^{(11)}m_{002}^{(22)}\\
&-2m_{001}^{(00)}m_{110}^{(00)}m_{020}^{(21)}m_{002}^{(21)} + m_{001}^{(00)}m_{110}^{(00)}m_{020}^{(22)}m_{002}^{(11)} - 2m_{001}^{(00)}m_{110}^{(00)}m_{011}^{(11)}m_{011}^{(22)}\\
&+2m_{001}^{(00)}m_{110}^{(00)}(m_{011}^{(21)})^2 + m_{001}^{(00)}m_{110}^{(11)}m_{110}^{(20)}m_{011}^{(22)} - m_{001}^{(00)}m_{110}^{(11)}m_{110}^{(21)}m_{101}^{(22)}\\
&+2m_{001}^{(00)}m_{110}^{(11)}m_{110}^{(22)}m_{101}^{(21)} - 2m_{001}^{(00)}m_{110}^{(11)}m_{110}^{(20)}m_{011}^{(22)} - m_{001}^{(00)}m_{110}^{(11)}m_{110}^{(10)}m_{101}^{(22)}\\
&+m_{001}^{(00)}m_{110}^{(11)}m_{101}^{(11)}m_{101}^{(22)} - 2m_{001}^{(00)}m_{110}^{(11)}(m_{101}^{(21)})^2 + m_{001}^{(00)}m_{110}^{(11)}m_{101}^{(22)}m_{020}^{(20)}\\
&+m_{001}^{(00)}m_{110}^{(11)}m_{101}^{(22)}m_{011}^{(10)} - m_{001}^{(00)}m_{110}^{(11)}m_{020}^{(00)}m_{002}^{(22)} + m_{001}^{(00)}m_{110}^{(11)}m_{011}^{(00)}m_{011}^{(22)}
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&-2m_{001}^{(00)}m_{110}^{(20)}m_{110}^{(21)}m_{011}^{(21)} + m_{001}^{(00)}m_{110}^{(20)}m_{110}^{(22)}m_{011}^{(11)} - m_{001}^{(00)}m_{110}^{(20)}m_{101}^{(11)}m_{020}^{(22)}\\
&+2m_{001}^{(00)}m_{110}^{(20)}m_{101}^{(21)}m_{020}^{(21)} - m_{001}^{(00)}m_{110}^{(20)}m_{101}^{(22)}m_{020}^{(11)} + 2m_{001}^{(00)}(m_{110}^{(21)})^2m_{011}^{(20)}\\
&-m_{001}^{(00)}m_{110}^{(21)}m_{110}^{(22)}m_{101}^{(11)} + 2m_{001}^{(00)}m_{110}^{(21)}m_{101}^{(10)}m_{011}^{(21)} + 2m_{001}^{(00)}m_{110}^{(21)}m_{101}^{(11)}m_{101}^{(21)}\\
&-2m_{001}^{(00)}m_{110}^{(21)}m_{101}^{(21)}m_{020}^{(20)} - 2m_{001}^{(00)}m_{110}^{(21)}m_{101}^{(21)}m_{011}^{(10)} + 2m_{001}^{(00)}m_{110}^{(21)}m_{020}^{(00)}m_{002}^{(21)}\\
&-2m_{001}^{(00)}m_{110}^{(21)}m_{011}^{(00)}m_{011}^{(21)} - m_{001}^{(00)}m_{110}^{(22)}m_{101}^{(10)}m_{011}^{(11)} - m_{001}^{(00)}m_{110}^{(22)}(m_{101}^{(11)})^2\\
&+m_{001}^{(00)}m_{110}^{(22)}m_{101}^{(11)}m_{020}^{(20)} + m_{001}^{(00)}m_{110}^{(22)}m_{101}^{(11)}m_{011}^{(10)} - m_{001}^{(00)}m_{110}^{(22)}m_{020}^{(00)}m_{002}^{(11)}\\
&+m_{001}^{(00)}m_{110}^{(22)}m_{011}^{(00)}m_{011}^{(11)} + m_{001}^{(00)}m_{101}^{(10)}m_{101}^{(11)}m_{020}^{(22)} - 2m_{001}^{(00)}m_{101}^{(10)}m_{101}^{(21)}m_{020}^{(21)}\\
&+m_{001}^{(00)}m_{101}^{(10)}m_{101}^{(22)}m_{020}^{(11)} - 2m_{001}^{(00)}m_{101}^{(11)}m_{101}^{(22)}m_{020}^{(10)} + m_{001}^{(00)}m_{101}^{(11)}m_{020}^{(00)}m_{011}^{(22)}\\
&-m_{001}^{(00)}m_{101}^{(11)}m_{020}^{(22)}m_{011}^{(00)} + 2m_{001}^{(00)}(m_{101}^{(21)})^2m_{020}^{(10)} - 2m_{001}^{(00)}m_{101}^{(21)}m_{020}^{(00)}m_{011}^{(21)}\\
&+2m_{001}^{(00)}m_{101}^{(21)}m_{020}^{(21)}m_{011}^{(00)} + m_{001}^{(00)}m_{101}^{(22)}m_{020}^{(00)}m_{011}^{(11)} - m_{001}^{(00)}m_{101}^{(22)}m_{020}^{(11)}m_{011}^{(00)}\\
&+2m_{001}^{(10)}m_{200}^{(10)}m_{110}^{(11)}m_{002}^{(22)} - 2m_{001}^{(10)}m_{200}^{(10)}m_{110}^{(21)}m_{011}^{(22)} - 2m_{001}^{(10)}m_{200}^{(10)}m_{101}^{(11)}m_{011}^{(22)}\\
&+2m_{001}^{(10)}m_{200}^{(10)}m_{101}^{(21)}m_{020}^{(22)} + 2m_{001}^{(10)}m_{200}^{(10)}m_{020}^{(20)}m_{011}^{(22)} - 2m_{001}^{(10)}m_{200}^{(10)}m_{020}^{(20)}m_{002}^{(21)}\\
&-2m_{001}^{(10)}m_{200}^{(10)}m_{020}^{(21)}m_{002}^{(20)} - 2m_{001}^{(10)}m_{200}^{(10)}m_{020}^{(22)}m_{011}^{(20)} + 2m_{001}^{(10)}m_{200}^{(10)}m_{020}^{(22)}m_{002}^{(10)}\\
&-2m_{001}^{(10)}m_{200}^{(10)}m_{011}^{(10)}m_{011}^{(22)} + 4m_{001}^{(10)}m_{200}^{(10)}m_{011}^{(20)}m_{011}^{(21)} - 2m_{001}^{(10)}m_{200}^{(11)}m_{110}^{(10)}m_{002}^{(22)}\\
&+2m_{001}^{(10)}m_{200}^{(11)}m_{110}^{(20)}m_{002}^{(21)} + 2m_{001}^{(10)}m_{200}^{(11)}m_{110}^{(21)}m_{002}^{(20)} - 2m_{001}^{(10)}m_{200}^{(11)}m_{110}^{(22)}m_{002}^{(10)}\\
&+2m_{001}^{(10)}m_{200}^{(11)}m_{101}^{(10)}m_{011}^{(22)} - 2m_{001}^{(10)}m_{200}^{(11)}m_{101}^{(20)}m_{011}^{(21)} - 2m_{001}^{(10)}m_{200}^{(11)}m_{101}^{(21)}m_{011}^{(20)}\\
&+2m_{001}^{(10)}m_{200}^{(11)}m_{101}^{(22)}m_{011}^{(10)} - 2m_{001}^{(10)}m_{200}^{(20)}m_{110}^{(11)}m_{002}^{(21)} + 2m_{001}^{(10)}m_{200}^{(20)}m_{110}^{(21)}m_{011}^{(21)}\\
&+2m_{001}^{(10)}m_{200}^{(20)}m_{101}^{(11)}m_{011}^{(21)} - 2m_{001}^{(10)}m_{200}^{(20)}m_{101}^{(21)}m_{020}^{(21)} + 2m_{001}^{(10)}m_{200}^{(20)}m_{020}^{(10)}m_{002}^{(21)}\\
&-2m_{001}^{(10)}m_{200}^{(20)}m_{020}^{(20)}m_{011}^{(21)} + 2m_{001}^{(10)}m_{200}^{(20)}m_{020}^{(21)}m_{011}^{(20)} - 2m_{001}^{(10)}m_{200}^{(20)}m_{020}^{(10)}m_{011}^{(21)}\\
&+2m_{001}^{(10)}m_{200}^{(21)}m_{110}^{(10)}m_{011}^{(22)} - 2m_{001}^{(10)}m_{200}^{(21)}m_{110}^{(11)}m_{002}^{(20)} - 2m_{001}^{(10)}m_{200}^{(21)}m_{110}^{(20)}m_{011}^{(21)}\\
&+2m_{001}^{(10)}m_{200}^{(21)}m_{110}^{(22)}m_{011}^{(10)} - 2m_{001}^{(10)}m_{200}^{(21)}m_{101}^{(10)}m_{020}^{(22)} + 2m_{001}^{(10)}m_{200}^{(21)}m_{101}^{(11)}m_{020}^{(20)}\\
&+2m_{001}^{(10)}m_{200}^{(21)}m_{101}^{(20)}m_{020}^{(21)} - 2m_{001}^{(10)}m_{200}^{(21)}m_{101}^{(22)}m_{020}^{(10)} + 2m_{001}^{(10)}m_{200}^{(21)}m_{020}^{(10)}m_{002}^{(20)}\\
&-2m_{001}^{(10)}m_{200}^{(21)}m_{011}^{(10)}m_{011}^{(20)} + 2m_{001}^{(10)}m_{200}^{(22)}m_{110}^{(11)}m_{002}^{(10)} - 2m_{001}^{(10)}m_{200}^{(22)}m_{110}^{(21)}m_{011}^{(10)}\\
&-2m_{001}^{(10)}m_{200}^{(22)}m_{101}^{(11)}m_{011}^{(10)} + 2m_{001}^{(10)}m_{200}^{(22)}m_{101}^{(21)}m_{020}^{(10)} - 2m_{001}^{(10)}m_{200}^{(22)}m_{020}^{(10)}m_{011}^{(20)}\\
&-2m_{001}^{(10)}m_{200}^{(22)}m_{020}^{(10)}m_{002}^{(10)} + 2m_{001}^{(10)}m_{200}^{(22)}m_{020}^{(20)}m_{011}^{(10)} + 2m_{001}^{(10)}m_{200}^{(22)}(m_{011}^{(10)})^2\\
&-2m_{001}^{(10)}m_{110}^{(00)}m_{020}^{(10)}m_{002}^{(22)} + 2m_{001}^{(10)}m_{110}^{(00)}m_{020}^{(20)}m_{002}^{(21)} + 2m_{001}^{(10)}m_{110}^{(00)}m_{020}^{(21)}m_{002}^{(20)}\\
&-2m_{001}^{(10)}m_{110}^{(00)}m_{020}^{(22)}m_{002}^{(10)} + 4m_{001}^{(10)}m_{110}^{(00)}m_{011}^{(10)}m_{011}^{(22)} - 4m_{001}^{(10)}m_{110}^{(00)}m_{011}^{(20)}m_{011}^{(21)}\\
&-2m_{001}^{(10)}m_{110}^{(10)}m_{110}^{(20)}m_{011}^{(22)} + 2m_{001}^{(10)}m_{110}^{(10)}m_{110}^{(21)}m_{101}^{(22)} - 4m_{001}^{(10)}m_{110}^{(10)}m_{110}^{(22)}m_{101}^{(21)}\\
&+4m_{001}^{(10)}m_{110}^{(10)}m_{110}^{(22)}m_{011}^{(20)} + 2m_{001}^{(10)}m_{110}^{(10)}m_{101}^{(10)}m_{011}^{(22)} + 2m_{001}^{(10)}m_{110}^{(10)}m_{101}^{(11)}m_{101}^{(22)}\\
&-2m_{001}^{(10)}m_{110}^{(10)}m_{101}^{(22)}m_{020}^{(20)} - 2m_{001}^{(10)}m_{110}^{(10)}m_{101}^{(22)}m_{011}^{(10)} + 2m_{001}^{(10)}m_{110}^{(10)}m_{020}^{(00)}m_{002}^{(22)}\\
&-2m_{001}^{(10)}m_{110}^{(10)}m_{011}^{(00)}m_{011}^{(22)} - 4m_{001}^{(10)}m_{110}^{(11)}m_{101}^{(10)}m_{101}^{(22)} + 4m_{001}^{(10)}m_{110}^{(11)}m_{101}^{(20)}m_{101}^{(21)}\\
&+2m_{001}^{(10)}(m_{110}^{(20)})^2m_{011}^{(21)} + 2m_{001}^{(10)}m_{110}^{(20)}m_{110}^{(21)}m_{101}^{(21)} - 2m_{001}^{(10)}m_{110}^{(20)}m_{110}^{(21)}m_{011}^{(20)}\\
&-2m_{001}^{(10)}m_{110}^{(20)}m_{110}^{(22)}m_{011}^{(10)} + 2m_{001}^{(10)}m_{110}^{(20)}m_{101}^{(10)}m_{020}^{(22)} - 2m_{001}^{(10)}m_{110}^{(20)}m_{101}^{(10)}m_{011}^{(21)}\\
&-2m_{001}^{(10)}m_{110}^{(20)}m_{101}^{(11)}m_{101}^{(21)} - 2m_{001}^{(10)}m_{110}^{(20)}m_{101}^{(20)}m_{020}^{(21)} + 2m_{001}^{(10)}m_{110}^{(20)}m_{101}^{(21)}m_{011}^{(10)}\\
&+2m_{001}^{(10)}m_{110}^{(20)}m_{101}^{(22)}m_{020}^{(10)} - 2m_{001}^{(10)}m_{110}^{(20)}m_{020}^{(00)}m_{002}^{(21)} + 2m_{001}^{(10)}m_{110}^{(20)}m_{011}^{(00)}m_{011}^{(21)}\\
&-2m_{001}^{(10)}(m_{110}^{(21)})^2m_{101}^{(20)} + 2m_{001}^{(10)}m_{110}^{(21)}m_{110}^{(22)}m_{101}^{(10)} - 2m_{001}^{(10)}m_{110}^{(21)}m_{101}^{(10)}m_{011}^{(20)}\\
&-2m_{001}^{(10)}m_{110}^{(21)}m_{101}^{(11)}m_{101}^{(20)} + 2m_{001}^{(10)}m_{110}^{(21)}m_{101}^{(20)}m_{020}^{(20)} + 2m_{001}^{(10)}m_{110}^{(21)}m_{101}^{(20)}m_{011}^{(10)}\\
&-2m_{001}^{(10)}m_{110}^{(21)}m_{020}^{(00)}m_{002}^{(20)} + 2m_{001}^{(10)}m_{110}^{(21)}m_{011}^{(00)}m_{011}^{(20)} + 2m_{001}^{(10)}m_{110}^{(22)}m_{101}^{(10)}m_{101}^{(11)}
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&-2m_{001}^{(10)}m_{110}^{(22)}m_{101}^{(10)}m_{020}^{(20)} + 2m_{001}^{(10)}m_{110}^{(22)}m_{020}^{(00)}m_{002}^{(10)} - 2m_{001}^{(10)}m_{110}^{(22)}m_{011}^{(00)}m_{011}^{(10)}\\
&-2m_{001}^{(10)}(m_{101}^{(10)})^2m_{020}^{(22)} + 2m_{001}^{(10)}m_{101}^{(10)}m_{101}^{(20)}m_{020}^{(21)} + 2m_{001}^{(10)}m_{101}^{(10)}m_{101}^{(21)}m_{020}^{(20)}\\
&+2m_{001}^{(10)}m_{101}^{(10)}m_{101}^{(22)}m_{020}^{(10)} - 2m_{001}^{(10)}m_{101}^{(10)}m_{020}^{(00)}m_{011}^{(22)} + 2m_{001}^{(10)}m_{101}^{(10)}m_{020}^{(22)}m_{011}^{(00)}\\
&-4m_{001}^{(10)}m_{101}^{(20)}m_{101}^{(21)}m_{020}^{(10)} + 2m_{001}^{(10)}m_{101}^{(20)}m_{020}^{(00)}m_{011}^{(21)} - 2m_{001}^{(10)}m_{101}^{(20)}m_{020}^{(21)}m_{011}^{(00)}\\
&+2m_{001}^{(10)}m_{101}^{(21)}m_{020}^{(00)}m_{011}^{(20)} - 2m_{001}^{(10)}m_{101}^{(21)}m_{020}^{(20)}m_{011}^{(00)} - 2m_{001}^{(10)}m_{101}^{(22)}m_{020}^{(00)}m_{011}^{(10)}\\
&+2m_{001}^{(10)}m_{101}^{(22)}m_{020}^{(10)}m_{011}^{(00)} - m_{001}^{(11)}m_{200}^{(00)}m_{110}^{(11)}m_{002}^{(22)} + m_{001}^{(11)}m_{200}^{(00)}m_{110}^{(21)}m_{011}^{(22)}\\
&+m_{001}^{(11)}m_{200}^{(00)}m_{101}^{(11)}m_{011}^{(22)} - m_{001}^{(11)}m_{200}^{(00)}m_{101}^{(21)}m_{020}^{(22)} + m_{001}^{(11)}m_{200}^{(00)}m_{020}^{(10)}m_{002}^{(22)}\\
&-m_{001}^{(11)}m_{200}^{(00)}m_{020}^{(20)}m_{011}^{(22)} + m_{001}^{(11)}m_{200}^{(00)}m_{020}^{(22)}m_{011}^{(20)} - m_{001}^{(11)}m_{200}^{(00)}m_{011}^{(10)}m_{011}^{(22)}\\
&-m_{001}^{(11)}m_{200}^{(10)}m_{020}^{(00)}m_{002}^{(22)} + 2m_{001}^{(11)}m_{200}^{(10)}m_{020}^{(20)}m_{002}^{(20)} - m_{001}^{(11)}m_{200}^{(10)}m_{020}^{(22)}m_{002}^{(00)}\\
&+2m_{001}^{(11)}m_{200}^{(10)}m_{011}^{(00)}m_{011}^{(22)} - 2m_{001}^{(11)}m_{200}^{(10)}(m_{011}^{(20)})^2 + m_{001}^{(11)}m_{200}^{(11)}m_{110}^{(00)}m_{002}^{(22)}\\
&-2m_{001}^{(11)}m_{200}^{(11)}m_{110}^{(20)}m_{002}^{(20)} + m_{001}^{(11)}m_{200}^{(11)}m_{110}^{(22)}m_{002}^{(00)} - m_{001}^{(11)}m_{200}^{(11)}m_{101}^{(00)}m_{011}^{(22)}\\
&+2m_{001}^{(11)}m_{200}^{(11)}m_{101}^{(20)}m_{011}^{(20)} - m_{001}^{(11)}m_{200}^{(11)}m_{101}^{(22)}m_{011}^{(00)} + 2m_{001}^{(11)}m_{200}^{(20)}m_{110}^{(11)}m_{002}^{(20)}\\
&-2m_{001}^{(11)}m_{200}^{(20)}m_{110}^{(21)}m_{011}^{(20)} - 2m_{001}^{(11)}m_{200}^{(20)}m_{101}^{(11)}m_{011}^{(20)} + 2m_{001}^{(11)}m_{200}^{(20)}m_{101}^{(21)}m_{020}^{(20)}\\
&-2m_{001}^{(11)}m_{200}^{(20)}m_{020}^{(10)}m_{002}^{(20)} + 2m_{001}^{(11)}m_{200}^{(20)}m_{011}^{(10)}m_{011}^{(20)} - m_{001}^{(11)}m_{200}^{(21)}m_{110}^{(00)}m_{011}^{(22)}\\
&+2m_{001}^{(11)}m_{200}^{(21)}m_{110}^{(20)}m_{011}^{(20)} - m_{001}^{(11)}m_{200}^{(21)}m_{110}^{(22)}m_{011}^{(00)} + m_{001}^{(11)}m_{200}^{(21)}m_{101}^{(00)}m_{020}^{(22)}\\
&-2m_{001}^{(11)}m_{200}^{(21)}m_{101}^{(20)}m_{020}^{(20)} + m_{001}^{(11)}m_{200}^{(21)}m_{101}^{(22)}m_{020}^{(00)} - m_{001}^{(11)}m_{200}^{(22)}m_{110}^{(11)}m_{002}^{(00)}\\
&+m_{001}^{(11)}m_{200}^{(22)}m_{110}^{(21)}m_{011}^{(00)} + m_{001}^{(11)}m_{200}^{(22)}m_{101}^{(11)}m_{011}^{(00)} - m_{001}^{(11)}m_{200}^{(22)}m_{101}^{(21)}m_{020}^{(00)}\\
&+m_{001}^{(11)}m_{200}^{(22)}m_{020}^{(00)}m_{011}^{(20)} + m_{001}^{(11)}m_{200}^{(22)}m_{020}^{(10)}m_{002}^{(00)} - m_{001}^{(11)}m_{200}^{(22)}m_{020}^{(20)}m_{011}^{(00)}\\
&-m_{001}^{(11)}m_{200}^{(22)}m_{011}^{(00)}m_{011}^{(10)} + m_{001}^{(11)}m_{110}^{(00)}m_{110}^{(20)}m_{011}^{(22)} - m_{001}^{(11)}m_{110}^{(00)}m_{110}^{(21)}m_{101}^{(22)}\\
&+2m_{001}^{(11)}m_{110}^{(00)}m_{110}^{(22)}m_{101}^{(21)} - 2m_{001}^{(11)}m_{110}^{(00)}m_{110}^{(22)}m_{011}^{(20)} - m_{001}^{(11)}m_{110}^{(00)}m_{101}^{(10)}m_{011}^{(22)}\\
&-m_{001}^{(11)}m_{110}^{(00)}m_{101}^{(11)}m_{101}^{(22)} + m_{001}^{(11)}m_{110}^{(00)}m_{101}^{(22)}m_{020}^{(20)} + m_{001}^{(11)}m_{110}^{(00)}m_{101}^{(22)}m_{011}^{(10)}\\
&-2m_{001}^{(11)}m_{110}^{(00)}m_{020}^{(20)}m_{002}^{(20)} + m_{001}^{(11)}m_{110}^{(00)}m_{020}^{(22)}m_{002}^{(00)} - m_{001}^{(11)}m_{110}^{(00)}m_{011}^{(00)}m_{011}^{(22)}\\
&+2m_{001}^{(11)}m_{110}^{(00)}(m_{011}^{(20)})^2 + 2m_{001}^{(11)}m_{110}^{(11)}m_{101}^{(00)}m_{101}^{(22)} - 2m_{001}^{(11)}m_{110}^{(11)}(m_{101}^{(20)})^2\\
&-2m_{001}^{(11)}(m_{110}^{(20)})^2m_{101}^{(21)} + 2m_{001}^{(11)}m_{110}^{(20)}m_{110}^{(21)}m_{101}^{(20)} + m_{001}^{(11)}m_{110}^{(20)}m_{110}^{(22)}m_{011}^{(00)}\\
&-m_{001}^{(11)}m_{110}^{(20)}m_{101}^{(00)}m_{020}^{(22)} + 2m_{001}^{(11)}m_{110}^{(20)}m_{101}^{(10)}m_{011}^{(20)} + 2m_{001}^{(11)}m_{110}^{(20)}m_{101}^{(11)}m_{101}^{(20)}\\
&-2m_{001}^{(11)}m_{110}^{(20)}m_{101}^{(20)}m_{011}^{(10)} - m_{001}^{(11)}m_{110}^{(20)}m_{101}^{(22)}m_{020}^{(00)} + 2m_{001}^{(11)}m_{110}^{(20)}m_{020}^{(00)}m_{002}^{(20)}\\
&-2m_{001}^{(11)}m_{110}^{(20)}m_{011}^{(00)}m_{011}^{(20)} - m_{001}^{(11)}m_{110}^{(21)}m_{110}^{(22)}m_{101}^{(00)} - m_{001}^{(11)}m_{110}^{(22)}m_{101}^{(00)}m_{101}^{(11)}\\
&+m_{001}^{(11)}m_{110}^{(22)}m_{101}^{(00)}m_{020}^{(20)} + m_{001}^{(11)}m_{110}^{(22)}m_{101}^{(00)}m_{011}^{(10)} - m_{001}^{(11)}m_{110}^{(22)}m_{101}^{(10)}m_{011}^{(00)}\\
&-m_{001}^{(11)}m_{110}^{(22)}m_{020}^{(00)}m_{002}^{(00)} + m_{001}^{(11)}m_{110}^{(22)}(m_{011}^{(00)})^2 + m_{001}^{(11)}m_{101}^{(00)}m_{101}^{(10)}m_{020}^{(22)}\\
&-2m_{001}^{(11)}m_{101}^{(00)}m_{101}^{(22)}m_{020}^{(10)} + m_{001}^{(11)}m_{101}^{(00)}m_{020}^{(00)}m_{011}^{(22)} - m_{001}^{(11)}m_{101}^{(00)}m_{020}^{(22)}m_{011}^{(00)}\\
&-2m_{001}^{(11)}m_{101}^{(10)}m_{101}^{(20)}m_{020}^{(20)} + m_{001}^{(11)}m_{101}^{(10)}m_{101}^{(22)}m_{020}^{(00)} + 2m_{001}^{(11)}(m_{101}^{(20)})^2m_{020}^{(10)}\\
&-2m_{001}^{(11)}m_{101}^{(20)}m_{020}^{(00)}m_{011}^{(20)} + 2m_{001}^{(11)}m_{101}^{(20)}m_{020}^{(20)}m_{011}^{(00)} - 2m_{001}^{(20)}m_{200}^{(10)}m_{110}^{(11)}m_{002}^{(21)}\\
&+2m_{001}^{(20)}m_{200}^{(10)}m_{110}^{(21)}m_{011}^{(21)} + 2m_{001}^{(20)}m_{200}^{(10)}m_{101}^{(11)}m_{011}^{(21)} - 2m_{001}^{(20)}m_{200}^{(10)}m_{101}^{(21)}m_{020}^{(21)}\\
&+2m_{001}^{(20)}m_{200}^{(10)}m_{020}^{(11)}m_{002}^{(20)} - 2m_{001}^{(20)}m_{200}^{(10)}m_{020}^{(20)}m_{011}^{(21)} + 2m_{001}^{(20)}m_{200}^{(10)}m_{020}^{(20)}m_{002}^{(11)}\\
&+2m_{001}^{(20)}m_{200}^{(10)}m_{020}^{(21)}m_{011}^{(20)} - 2m_{001}^{(20)}m_{200}^{(10)}m_{020}^{(21)}m_{002}^{(10)} + 2m_{001}^{(20)}m_{200}^{(10)}m_{011}^{(10)}m_{011}^{(21)}\\
&-4m_{001}^{(20)}m_{200}^{(10)}m_{011}^{(11)}m_{011}^{(20)} + 2m_{001}^{(20)}m_{200}^{(11)}m_{110}^{(10)}m_{002}^{(21)} - 2m_{001}^{(20)}m_{200}^{(11)}m_{110}^{(20)}m_{002}^{(11)}\\
&-2m_{001}^{(20)}m_{200}^{(11)}m_{110}^{(21)}m_{011}^{(20)} + 2m_{001}^{(20)}m_{200}^{(11)}m_{110}^{(10)}m_{002}^{(21)} - 2m_{001}^{(20)}m_{200}^{(11)}m_{101}^{(10)}m_{011}^{(21)}\\
&+2m_{001}^{(20)}m_{200}^{(11)}m_{101}^{(20)}m_{011}^{(11)} + 2m_{001}^{(20)}m_{200}^{(11)}m_{101}^{(21)}m_{020}^{(20)} - 2m_{001}^{(20)}m_{200}^{(11)}m_{101}^{(21)}m_{011}^{(10)}
\end{aligned}
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\begin{aligned}
&-2m_{001}^{(20)}m_{200}^{(11)}m_{020}^{(10)}m_{002}^{(20)} + 2m_{001}^{(20)}m_{200}^{(11)}m_{011}^{(10)}m_{011}^{(20)} + 2m_{001}^{(20)}m_{200}^{(20)}m_{110}^{(11)}m_{002}^{(11)}\\
&-2m_{001}^{(20)}m_{200}^{(20)}m_{110}^{(21)}m_{011}^{(11)} - 2m_{001}^{(20)}m_{200}^{(20)}m_{101}^{(11)}m_{011}^{(11)} + 2m_{001}^{(20)}m_{200}^{(20)}m_{101}^{(21)}m_{020}^{(11)}\\
&-2m_{001}^{(20)}m_{200}^{(20)}m_{020}^{(10)}m_{002}^{(11)} - 2m_{001}^{(20)}m_{200}^{(20)}m_{020}^{(11)}m_{011}^{(20)} + 2m_{001}^{(20)}m_{200}^{(20)}m_{020}^{(20)}m_{011}^{(11)}\\
&+2m_{001}^{(20)}m_{200}^{(20)}m_{011}^{(10)}m_{011}^{(11)} - 2m_{001}^{(20)}m_{200}^{(21)}m_{110}^{(10)}m_{011}^{(21)} + 2m_{001}^{(20)}m_{200}^{(21)}m_{110}^{(11)}m_{011}^{(20)}\\
&-2m_{001}^{(20)}m_{200}^{(21)}m_{110}^{(11)}m_{002}^{(10)} + 2m_{001}^{(20)}m_{200}^{(21)}m_{110}^{(20)}m_{011}^{(11)} + 2m_{001}^{(20)}m_{200}^{(21)}m_{101}^{(10)}m_{020}^{(21)}\\
&-2m_{001}^{(20)}m_{200}^{(21)}m_{101}^{(11)}m_{020}^{(20)} + 2m_{001}^{(20)}m_{200}^{(21)}m_{101}^{(10)}m_{011}^{(11)} - 2m_{001}^{(20)}m_{200}^{(21)}m_{101}^{(20)}m_{020}^{(11)}\\
&+2m_{001}^{(20)}m_{200}^{(21)}m_{020}^{(10)}m_{011}^{(20)} + 2m_{001}^{(20)}m_{200}^{(21)}m_{020}^{(10)}m_{002}^{(10)} - 2m_{001}^{(20)}m_{200}^{(21)}m_{020}^{(20)}m_{011}^{(10)}\\
&-2m_{001}^{(20)}m_{200}^{(21)}(m_{011}^{(10)})^2 + 2m_{001}^{(20)}m_{110}^{(00)}m_{020}^{(10)}m_{002}^{(21)} - 2m_{001}^{(20)}m_{110}^{(00)}m_{020}^{(11)}m_{002}^{(20)}\\
&-2m_{001}^{(20)}m_{110}^{(00)}m_{020}^{(20)}m_{002}^{(11)} + 2m_{001}^{(20)}m_{110}^{(00)}m_{020}^{(21)}m_{002}^{(10)} - 4m_{001}^{(20)}m_{110}^{(00)}m_{011}^{(10)}m_{011}^{(21)}\\
&+4m_{001}^{(20)}m_{110}^{(00)}m_{011}^{(11)}m_{011}^{(20)} + 2m_{001}^{(20)}m_{110}^{(10)}m_{110}^{(20)}m_{011}^{(21)} + 2m_{001}^{(20)}m_{110}^{(10)}m_{110}^{(21)}m_{101}^{(21)}\\
&-4m_{001}^{(20)}m_{110}^{(10)}m_{110}^{(21)}m_{011}^{(20)} - 2m_{001}^{(20)}m_{110}^{(10)}m_{101}^{(10)}m_{011}^{(21)} - 2m_{001}^{(20)}m_{110}^{(10)}m_{101}^{(11)}m_{101}^{(21)}\\
&+2m_{001}^{(20)}m_{110}^{(10)}m_{101}^{(21)}m_{020}^{(20)} + 2m_{001}^{(20)}m_{110}^{(10)}m_{101}^{(21)}m_{011}^{(10)} - 2m_{001}^{(20)}m_{110}^{(10)}m_{020}^{(00)}m_{002}^{(21)}\\
&+2m_{001}^{(20)}m_{110}^{(10)}m_{011}^{(00)}m_{011}^{(21)} - 4m_{001}^{(20)}m_{110}^{(11)}m_{110}^{(20)}m_{101}^{(21)} + 2m_{001}^{(20)}m_{110}^{(11)}m_{110}^{(20)}m_{011}^{(20)}\\
&+2m_{001}^{(20)}m_{110}^{(11)}m_{110}^{(21)}m_{101}^{(20)} + 4m_{001}^{(20)}m_{110}^{(11)}m_{101}^{(10)}m_{101}^{(21)} + 2m_{001}^{(20)}m_{110}^{(11)}m_{101}^{(10)}m_{011}^{(20)}\\
&-2m_{001}^{(20)}m_{110}^{(11)}m_{101}^{(11)}m_{101}^{(20)} - 2m_{001}^{(20)}m_{110}^{(11)}m_{101}^{(20)}m_{020}^{(20)} - 2m_{001}^{(20)}m_{110}^{(11)}m_{101}^{(20)}m_{011}^{(10)}\\
&+2m_{001}^{(20)}m_{110}^{(11)}m_{020}^{(00)}m_{002}^{(20)} - 2m_{001}^{(20)}m_{110}^{(11)}m_{011}^{(00)}m_{011}^{(20)} - 2m_{001}^{(20)}(m_{110}^{(20)})^2m_{011}^{(11)}\\
&+2m_{001}^{(20)}m_{110}^{(20)}m_{110}^{(21)}m_{101}^{(11)} + 2m_{001}^{(20)}m_{110}^{(20)}m_{110}^{(21)}m_{011}^{(10)} - 2m_{001}^{(20)}m_{110}^{(20)}m_{101}^{(10)}m_{101}^{(21)}\\
&+2m_{001}^{(20)}m_{110}^{(20)}m_{101}^{(10)}m_{011}^{(11)} + 2m_{001}^{(20)}m_{110}^{(20)}(m_{101}^{(11)})^2 - 2m_{001}^{(20)}m_{110}^{(20)}m_{101}^{(11)}m_{011}^{(10)}\\
&+2m_{001}^{(20)}m_{110}^{(20)}m_{101}^{(20)}m_{020}^{(11)} - 2m_{001}^{(20)}m_{110}^{(20)}m_{101}^{(21)}m_{020}^{(10)} + 2m_{001}^{(20)}m_{110}^{(20)}m_{020}^{(00)}m_{002}^{(11)}\\
&-2m_{001}^{(20)}m_{110}^{(20)}m_{011}^{(00)}m_{011}^{(11)} - 2m_{001}^{(20)}(m_{110}^{(21)})^2m_{101}^{(10)} - 2m_{001}^{(20)}m_{110}^{(21)}m_{101}^{(10)}m_{101}^{(11)}\\
&+2m_{001}^{(20)}m_{110}^{(21)}m_{101}^{(10)}m_{020}^{(20)} - 2m_{001}^{(20)}m_{110}^{(21)}m_{020}^{(00)}m_{002}^{(10)} + 2m_{001}^{(20)}m_{110}^{(21)}m_{011}^{(00)}m_{011}^{(10)}\\
&+2m_{001}^{(20)}(m_{101}^{(10)})^2m_{020}^{(21)} - 2m_{001}^{(20)}m_{101}^{(10)}m_{101}^{(11)}m_{020}^{(20)} - 2m_{001}^{(20)}m_{101}^{(10)}m_{101}^{(20)}m_{020}^{(11)}\\
&-2m_{001}^{(20)}m_{101}^{(10)}m_{101}^{(21)}m_{020}^{(10)} + 2m_{001}^{(20)}m_{101}^{(10)}m_{020}^{(00)}m_{011}^{(21)} - 2m_{001}^{(20)}m_{101}^{(10)}m_{020}^{(21)}m_{011}^{(00)}\\
&+4m_{001}^{(20)}m_{101}^{(11)}m_{101}^{(20)}m_{020}^{(10)} - 2m_{001}^{(20)}m_{101}^{(11)}m_{020}^{(00)}m_{011}^{(20)} + 2m_{001}^{(20)}m_{101}^{(11)}m_{020}^{(20)}m_{011}^{(00)}\\
&-2m_{001}^{(20)}m_{101}^{(20)}m_{020}^{(00)}m_{011}^{(11)} + 2m_{001}^{(20)}m_{101}^{(20)}m_{020}^{(11)}m_{011}^{(00)} + 2m_{001}^{(20)}m_{101}^{(21)}m_{020}^{(00)}m_{011}^{(10)}\\
&-2m_{001}^{(20)}m_{101}^{(21)}m_{020}^{(10)}m_{011}^{(00)} + 2m_{001}^{(21)}m_{200}^{(00)}m_{110}^{(11)}m_{002}^{(21)} - 2m_{001}^{(21)}m_{200}^{(00)}m_{110}^{(21)}m_{011}^{(21)}\\
&-2m_{001}^{(21)}m_{200}^{(00)}m_{101}^{(11)}m_{011}^{(21)} + 2m_{001}^{(21)}m_{200}^{(00)}m_{101}^{(21)}m_{020}^{(21)} - 2m_{001}^{(21)}m_{200}^{(00)}m_{101}^{(21)}m_{020}^{(10)}m_{002}^{(21)}\\
&+2m_{001}^{(21)}m_{200}^{(00)}m_{020}^{(20)}m_{011}^{(21)} - 2m_{001}^{(21)}m_{200}^{(00)}m_{020}^{(21)}m_{011}^{(20)} + 2m_{001}^{(21)}m_{200}^{(00)}m_{020}^{(10)}m_{011}^{(21)}\\
&-2m_{001}^{(21)}m_{200}^{(10)}m_{110}^{(11)}m_{002}^{(20)} + 2m_{001}^{(21)}m_{200}^{(10)}m_{110}^{(21)}m_{011}^{(20)} + 2m_{001}^{(21)}m_{200}^{(10)}m_{101}^{(11)}m_{011}^{(20)}\\
&-2m_{001}^{(21)}m_{200}^{(10)}m_{101}^{(21)}m_{020}^{(20)} + 2m_{001}^{(21)}m_{200}^{(10)}m_{020}^{(00)}m_{002}^{(21)} - 2m_{001}^{(21)}m_{200}^{(10)}m_{020}^{(20)}m_{002}^{(10)}\\
&+2m_{001}^{(21)}m_{200}^{(10)}m_{020}^{(21)}m_{002}^{(00)} - 4m_{001}^{(21)}m_{200}^{(10)}m_{011}^{(00)}m_{011}^{(21)} + 2m_{001}^{(21)}m_{200}^{(10)}m_{011}^{(10)}m_{011}^{(20)}\\
&-2m_{001}^{(21)}m_{200}^{(11)}m_{110}^{(00)}m_{002}^{(21)} + 2m_{001}^{(21)}m_{200}^{(11)}m_{110}^{(10)}m_{002}^{(20)} + 2m_{001}^{(21)}m_{200}^{(11)}m_{110}^{(20)}m_{002}^{(10)}\\
&-2m_{001}^{(21)}m_{200}^{(11)}m_{110}^{(21)}m_{002}^{(00)} + 2m_{001}^{(21)}m_{200}^{(11)}m_{101}^{(00)}m_{011}^{(21)} - 2m_{001}^{(21)}m_{200}^{(11)}m_{101}^{(10)}m_{011}^{(20)}\\
&-2m_{001}^{(21)}m_{200}^{(11)}m_{101}^{(20)}m_{011}^{(10)} + 2m_{001}^{(21)}m_{200}^{(11)}m_{101}^{(21)}m_{011}^{(00)} - 2m_{001}^{(21)}m_{200}^{(11)}m_{101}^{(21)}m_{002}^{(10)}\\
&+2m_{001}^{(21)}m_{200}^{(20)}m_{110}^{(21)}m_{011}^{(10)} + 2m_{001}^{(21)}m_{200}^{(20)}m_{101}^{(11)}m_{011}^{(10)} - 2m_{001}^{(21)}m_{200}^{(20)}m_{101}^{(21)}m_{020}^{(10)}\\
&+2m_{001}^{(21)}m_{200}^{(20)}m_{020}^{(10)}m_{011}^{(21)} + 2m_{001}^{(21)}m_{200}^{(20)}m_{020}^{(11)}m_{002}^{(10)} - 2m_{001}^{(21)}m_{200}^{(20)}m_{020}^{(20)}m_{011}^{(10)}\\
&-2m_{001}^{(21)}m_{200}^{(20)}(m_{011}^{(10)})^2 + 2m_{001}^{(21)}m_{200}^{(21)}m_{110}^{(00)}m_{011}^{(21)} - 2m_{001}^{(21)}m_{200}^{(21)}m_{110}^{(10)}m_{011}^{(20)}\\
&+2m_{001}^{(21)}m_{200}^{(21)}m_{110}^{(11)}m_{002}^{(00)} - 2m_{001}^{(21)}m_{200}^{(21)}m_{110}^{(20)}m_{011}^{(10)} - 2m_{001}^{(21)}m_{200}^{(21)}m_{101}^{(00)}m_{020}^{(21)}
\end{aligned}
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\begin{aligned}
&+2m_{001}^{(21)}m_{200}^{(21)}m_{101}^{(10)}m_{020}^{(20)} - 2m_{001}^{(21)}m_{200}^{(21)}m_{101}^{(11)}m_{011}^{(00)} + 2m_{001}^{(21)}m_{200}^{(21)}m_{101}^{(20)}m_{020}^{(10)}\\
&-2m_{001}^{(21)}m_{200}^{(21)}m_{020}^{(00)}m_{011}^{(20)} - 2m_{001}^{(21)}m_{200}^{(21)}m_{020}^{(10)}m_{002}^{(00)} + 2m_{001}^{(21)}m_{200}^{(21)}m_{020}^{(20)}m_{011}^{(00)}\\
&+2m_{001}^{(21)}m_{200}^{(21)}m_{011}^{(00)}m_{011}^{(10)} - 2m_{001}^{(21)}m_{110}^{(00)}m_{110}^{(20)}m_{011}^{(21)} - 2m_{001}^{(21)}m_{110}^{(00)}m_{110}^{(21)}m_{101}^{(21)}\\
&+4m_{001}^{(21)}m_{110}^{(00)}m_{110}^{(21)}m_{011}^{(20)} + 2m_{001}^{(21)}m_{110}^{(00)}m_{101}^{(10)}m_{011}^{(21)} + 2m_{001}^{(21)}m_{110}^{(00)}m_{101}^{(11)}m_{101}^{(21)}\\
&-2m_{001}^{(21)}m_{110}^{(00)}m_{101}^{(21)}m_{020}^{(20)} - 2m_{001}^{(21)}m_{110}^{(00)}m_{101}^{(21)}m_{011}^{(10)} + 2m_{001}^{(21)}m_{110}^{(00)}m_{110}^{(10)}m_{020}^{(20)}m_{002}\\
&+2m_{001}^{(21)}m_{110}^{(00)}m_{020}^{(20)}m_{002}^{(10)} - 2m_{001}^{(21)}m_{110}^{(00)}m_{020}^{(21)}m_{002}^{(00)} + 2m_{001}^{(21)}m_{110}^{(00)}m_{011}^{(00)}m_{011}^{(21)}\\
&-4m_{001}^{(21)}m_{110}^{(00)}m_{011}^{(10)}m_{011}^{(20)} + 4m_{001}^{(21)}m_{110}^{(10)}m_{110}^{(20)}m_{101}^{(21)} - 2m_{001}^{(21)}m_{110}^{(10)}m_{110}^{(20)}m_{011}^{(20)}\\
&-2m_{001}^{(21)}m_{110}^{(10)}m_{110}^{(21)}m_{101}^{(20)} - 2m_{001}^{(21)}m_{110}^{(10)}m_{101}^{(10)}m_{011}^{(20)} - 2m_{001}^{(21)}m_{110}^{(10)}m_{101}^{(11)}m_{101}^{(20)}\\
&+2m_{001}^{(21)}m_{110}^{(10)}m_{101}^{(20)}m_{020}^{(20)} + 2m_{001}^{(21)}m_{110}^{(10)}m_{101}^{(20)}m_{011}^{(10)} - 2m_{001}^{(21)}m_{110}^{(10)}m_{110}^{(00)}m_{020}^{(20)}m_{002}\\
&+2m_{001}^{(21)}m_{110}^{(10)}m_{011}^{(00)}m_{011}^{(20)} - 4m_{001}^{(21)}m_{110}^{(11)}m_{101}^{(00)}m_{101}^{(21)} + 4m_{001}^{(21)}m_{110}^{(11)}m_{110}^{(10)}m_{101}^{(20)}\\
&+2m_{001}^{(21)}(m_{110}^{(20)})^2m_{011}^{(10)} - 2m_{001}^{(21)}m_{110}^{(20)}m_{110}^{(21)}m_{101}^{(10)} - 2m_{001}^{(21)}m_{110}^{(20)}m_{110}^{(21)}m_{011}^{(00)}\\
&+2m_{001}^{(21)}m_{110}^{(20)}m_{101}^{(00)}m_{020}^{(21)} - 2m_{001}^{(21)}m_{110}^{(20)}m_{101}^{(10)}m_{101}^{(11)} - 2m_{001}^{(21)}m_{110}^{(20)}m_{101}^{(20)}m_{020}^{(10)}\\
&+2m_{001}^{(21)}m_{110}^{(20)}m_{101}^{(21)}m_{020}^{(00)} - 2m_{001}^{(21)}m_{110}^{(20)}m_{020}^{(00)}m_{002}^{(10)} + 2m_{001}^{(21)}m_{110}^{(20)}m_{011}^{(00)}m_{011}^{(10)}\\
&+2m_{001}^{(21)}(m_{110}^{(21)})^2m_{101}^{(00)} + 2m_{001}^{(21)}m_{110}^{(21)}m_{101}^{(00)}m_{101}^{(11)} - 2m_{001}^{(21)}m_{110}^{(21)}m_{101}^{(00)}m_{020}^{(20)}\\
&-2m_{001}^{(21)}m_{110}^{(21)}m_{101}^{(00)}m_{011}^{(10)} + 2m_{001}^{(21)}m_{110}^{(21)}m_{101}^{(10)}m_{011}^{(00)} + 2m_{001}^{(21)}m_{110}^{(21)}m_{020}^{(00)}m_{002}^{(00)}\\
&-2m_{001}^{(21)}m_{110}^{(21)}(m_{011}^{(00)})^2 - 2m_{001}^{(21)}m_{101}^{(00)}m_{101}^{(10)}m_{020}^{(21)} + 4m_{001}^{(21)}m_{101}^{(00)}m_{101}^{(21)}m_{020}^{(10)}\\
&-2m_{001}^{(21)}m_{101}^{(00)}m_{020}^{(00)}m_{011}^{(21)} + 2m_{001}^{(21)}m_{101}^{(00)}m_{020}^{(21)}m_{011}^{(00)} + 2m_{001}^{(21)}(m_{101}^{(10)})^2m_{020}^{(20)}\\
&-2m_{001}^{(21)}m_{101}^{(10)}m_{101}^{(20)}m_{020}^{(10)} - 2m_{001}^{(21)}m_{101}^{(10)}m_{101}^{(21)}m_{020}^{(00)} + 2m_{001}^{(21)}m_{101}^{(10)}m_{101}^{(00)}m_{020}^{(20)}m_{011}\\
&-2m_{001}^{(21)}m_{101}^{(10)}m_{020}^{(20)}m_{011}^{(00)} + 2m_{001}^{(21)}m_{101}^{(20)}m_{020}^{(00)}m_{011}^{(10)} - 2m_{001}^{(21)}m_{101}^{(20)}m_{020}^{(10)}m_{011}^{(00)}\\
&-m_{001}^{(22)}m_{200}^{(00)}m_{110}^{(11)}m_{002}^{(11)} + m_{001}^{(22)}m_{200}^{(00)}m_{110}^{(21)}m_{011}^{(11)} + m_{001}^{(22)}m_{200}^{(00)}m_{101}^{(11)}m_{011}^{(11)}\\
&-m_{001}^{(22)}m_{200}^{(00)}m_{101}^{(21)}m_{020}^{(11)} + m_{001}^{(22)}m_{200}^{(00)}m_{020}^{(10)}m_{002}^{(11)} + m_{001}^{(22)}m_{200}^{(00)}m_{020}^{(11)}m_{011}^{(20)}\\
&-m_{001}^{(22)}m_{200}^{(00)}m_{020}^{(20)}m_{011}^{(11)} - m_{001}^{(22)}m_{200}^{(00)}m_{011}^{(10)}m_{011}^{(11)} + 2m_{001}^{(22)}m_{200}^{(10)}m_{110}^{(11)}m_{002}^{(10)}\\
&-2m_{001}^{(22)}m_{200}^{(10)}m_{110}^{(21)}m_{011}^{(10)} - 2m_{001}^{(22)}m_{200}^{(10)}m_{101}^{(11)}m_{011}^{(10)} + 2m_{001}^{(22)}m_{200}^{(10)}m_{101}^{(21)}m_{020}^{(10)}\\
&-m_{001}^{(22)}m_{200}^{(10)}m_{020}^{(00)}m_{002}^{(11)} - 2m_{001}^{(22)}m_{200}^{(10)}m_{020}^{(10)}m_{011}^{(20)} - m_{001}^{(22)}m_{200}^{(10)}m_{020}^{(11)}m_{002}^{(00)}\\
&+2m_{001}^{(22)}m_{200}^{(10)}m_{020}^{(20)}m_{011}^{(10)} + 2m_{001}^{(22)}m_{200}^{(10)}m_{011}^{(00)}m_{011}^{(11)} + m_{001}^{(22)}m_{200}^{(11)}m_{110}^{(00)}m_{002}^{(11)}\\
&-2m_{001}^{(22)}m_{200}^{(11)}m_{110}^{(10)}m_{002}^{(10)} + m_{001}^{(22)}m_{200}^{(11)}m_{110}^{(21)}m_{011}^{(00)} - m_{001}^{(22)}m_{200}^{(11)}m_{101}^{(00)}m_{011}^{(11)}\\
&+2m_{001}^{(22)}m_{200}^{(11)}m_{101}^{(10)}m_{011}^{(10)} - m_{001}^{(22)}m_{200}^{(11)}m_{101}^{(21)}m_{020}^{(00)} + m_{001}^{(22)}m_{200}^{(11)}m_{020}^{(00)}m_{011}^{(20)}\\
&+m_{001}^{(22)}m_{200}^{(11)}m_{020}^{(10)}m_{002}^{(00)} - m_{001}^{(22)}m_{200}^{(11)}m_{020}^{(20)}m_{011}^{(00)} - m_{001}^{(22)}m_{200}^{(11)}m_{011}^{(00)}m_{011}^{(10)}\\
&-m_{001}^{(22)}m_{200}^{(21)}m_{110}^{(00)}m_{011}^{(11)} + 2m_{001}^{(22)}m_{200}^{(21)}m_{110}^{(10)}m_{011}^{(10)} - m_{001}^{(22)}m_{200}^{(21)}m_{110}^{(11)}m_{011}^{(00)}\\
&+m_{001}^{(22)}m_{200}^{(21)}m_{101}^{(00)}m_{020}^{(11)} - 2m_{001}^{(22)}m_{200}^{(21)}m_{101}^{(10)}m_{020}^{(10)} + m_{001}^{(22)}m_{200}^{(21)}m_{101}^{(11)}m_{020}^{(00)}\\
&+2m_{001}^{(22)}m_{110}^{(00)}m_{110}^{(11)}m_{101}^{(21)} - 2m_{001}^{(22)}m_{110}^{(00)}m_{110}^{(11)}m_{011}^{(20)} + m_{001}^{(22)}m_{110}^{(00)}m_{110}^{(20)}m_{011}^{(11)}\\
&-m_{001}^{(22)}m_{110}^{(00)}m_{110}^{(21)}m_{101}^{(11)} - m_{001}^{(22)}m_{110}^{(00)}m_{101}^{(10)}m_{011}^{(11)} - m_{001}^{(22)}m_{110}^{(00)}(m_{101}^{(11)})^2\\
&+m_{001}^{(22)}m_{110}^{(00)}m_{101}^{(11)}m_{020}^{(20)} + m_{001}^{(22)}m_{110}^{(00)}m_{101}^{(11)}m_{011}^{(10)} - 2m_{001}^{(22)}m_{110}^{(00)}m_{020}^{(10)}m_{002}^{(10)}\\
&+m_{001}^{(22)}m_{110}^{(00)}m_{020}^{(11)}m_{002}^{(00)} - m_{001}^{(22)}m_{110}^{(00)}m_{011}^{(00)}m_{011}^{(11)} + 2m_{001}^{(22)}m_{110}^{(00)}(m_{011}^{(10)})^2\\
&-2m_{001}^{(22)}(m_{110}^{(10)})^2m_{101}^{(21)} + 2m_{001}^{(22)}(m_{110}^{(10)})^2m_{011}^{(20)} - 2m_{001}^{(22)}m_{110}^{(10)}m_{110}^{(20)}m_{011}^{(10)}\\
&+2m_{001}^{(22)}m_{110}^{(10)}m_{110}^{(21)}m_{101}^{(10)} + 2m_{001}^{(22)}m_{110}^{(10)}m_{101}^{(10)}m_{101}^{(11)} - 2m_{001}^{(22)}m_{110}^{(10)}m_{101}^{(10)}m_{020}^{(20)}\\
&+2m_{001}^{(22)}m_{110}^{(10)}m_{020}^{(00)}m_{002}^{(10)} - 2m_{001}^{(22)}m_{110}^{(10)}m_{011}^{(00)}m_{011}^{(10)} + m_{001}^{(22)}m_{110}^{(11)}m_{110}^{(20)}m_{011}^{(00)}\\
&-m_{001}^{(22)}m_{110}^{(11)}m_{110}^{(21)}m_{101}^{(00)} + m_{001}^{(22)}m_{110}^{(11)}m_{101}^{(00)}m_{101}^{(11)} + m_{001}^{(22)}m_{110}^{(11)}m_{101}^{(00)}m_{020}^{(20)}
\end{aligned}
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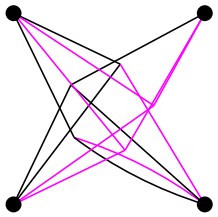
\begin{aligned}
&+m_{001}^{(22)}m_{110}^{(11)}m_{101}^{(00)}m_{011}^{(10)} - 2m_{001}^{(22)}m_{110}^{(11)}(m_{101}^{(10)})^2 - m_{001}^{(22)}m_{110}^{(11)}m_{101}^{(10)}m_{011}^{(00)}\\
&-m_{001}^{(22)}m_{110}^{(11)}m_{020}^{(00)}m_{002}^{(00)} + m_{001}^{(22)}m_{110}^{(11)}(m_{011}^{(00)})^2 - m_{001}^{(22)}m_{110}^{(20)}m_{101}^{(00)}m_{020}^{(11)}\\
&+2m_{001}^{(22)}m_{110}^{(20)}m_{101}^{(10)}m_{020}^{(10)} - m_{001}^{(22)}m_{110}^{(20)}m_{101}^{(11)}m_{020}^{(00)} + m_{001}^{(22)}m_{101}^{(00)}m_{101}^{(10)}m_{020}^{(11)}\\
&-2m_{001}^{(22)}m_{101}^{(00)}m_{101}^{(11)}m_{020}^{(10)} + m_{001}^{(22)}m_{101}^{(00)}m_{020}^{(00)}m_{011}^{(11)} - m_{001}^{(22)}m_{101}^{(00)}m_{020}^{(11)}m_{011}^{(00)}\\
&+m_{001}^{(22)}m_{101}^{(10)}m_{101}^{(11)}m_{020}^{(00)} - 2m_{001}^{(22)}m_{101}^{(10)}m_{020}^{(00)}m_{011}^{(10)} + 2m_{001}^{(22)}m_{101}^{(10)}m_{020}^{(10)}m_{011}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{ccccc}
V1 & V1 & 1 & 1 & 2\\
V2 & V2 & 2 & 3 & V4\\
V3 & V3 & V4 & 4 & 4
\end{array}
$$



$$
\begin{aligned}
T_{59} \;=\;& -m_{100}^{(00)}m_{200}^{(11)}m_{020}^{(21)}m_{002}^{(22)} + m_{100}^{(00)}m_{200}^{(11)}m_{020}^{(22)}m_{002}^{(21)} + m_{100}^{(00)}m_{200}^{(11)}m_{011}^{(11)}m_{002}^{(22)}\\
&-m_{100}^{(00)}m_{200}^{(11)}m_{011}^{(22)}m_{002}^{(11)} + 2m_{100}^{(00)}m_{200}^{(21)}m_{020}^{(21)}m_{011}^{(22)} - 2m_{100}^{(00)}m_{200}^{(21)}m_{020}^{(22)}m_{011}^{(21)}\\
&-2m_{100}^{(00)}m_{200}^{(21)}m_{011}^{(11)}m_{002}^{(21)} + 2m_{100}^{(00)}m_{200}^{(21)}m_{011}^{(21)}m_{002}^{(11)} - m_{100}^{(00)}m_{200}^{(22)}m_{020}^{(11)}m_{011}^{(22)}\\
&+m_{100}^{(00)}m_{200}^{(22)}m_{020}^{(11)}m_{002}^{(21)} - m_{100}^{(00)}m_{200}^{(22)}m_{020}^{(21)}m_{002}^{(11)} + m_{100}^{(00)}m_{200}^{(22)}m_{020}^{(22)}m_{011}^{(11)}\\
&+m_{100}^{(00)}m_{110}^{(11)}m_{110}^{(21)}m_{002}^{(22)} + m_{100}^{(00)}m_{110}^{(11)}m_{110}^{(22)}m_{011}^{(22)} - 2m_{100}^{(00)}m_{110}^{(11)}m_{110}^{(22)}m_{002}^{(21)}\\
&-m_{100}^{(00)}m_{110}^{(11)}m_{101}^{(11)}m_{002}^{(22)} + m_{100}^{(00)}m_{110}^{(11)}m_{101}^{(21)}m_{011}^{(22)} - m_{100}^{(00)}m_{110}^{(11)}m_{101}^{(22)}m_{020}^{(22)}\\
&+m_{100}^{(00)}m_{110}^{(11)}m_{101}^{(22)}m_{002}^{(11)} + m_{100}^{(00)}m_{110}^{(11)}m_{020}^{(20)}m_{002}^{(22)} - m_{100}^{(00)}m_{110}^{(11)}m_{011}^{(10)}m_{002}^{(22)}\\
&-m_{100}^{(00)}m_{110}^{(11)}m_{011}^{(20)}m_{011}^{(22)} + m_{100}^{(00)}m_{110}^{(11)}m_{011}^{(22)}m_{002}^{(10)} - m_{100}^{(00)}m_{110}^{(20)}m_{020}^{(11)}m_{002}^{(22)}\\
&+2m_{100}^{(00)}m_{110}^{(20)}m_{020}^{(21)}m_{002}^{(21)} - m_{100}^{(00)}m_{110}^{(20)}m_{020}^{(22)}m_{002}^{(11)} + 2m_{100}^{(00)}m_{110}^{(20)}m_{011}^{(11)}m_{011}^{(22)}\\
&-2m_{100}^{(00)}m_{110}^{(20)}(m_{011}^{(21)})^2 - 2m_{100}^{(00)}(m_{110}^{(21)})^2m_{011}^{(22)} + 2m_{100}^{(00)}m_{110}^{(21)}m_{110}^{(22)}m_{011}^{(21)}\\
&+m_{100}^{(00)}m_{110}^{(21)}m_{110}^{(22)}m_{002}^{(11)} - m_{100}^{(00)}m_{110}^{(21)}m_{101}^{(11)}m_{011}^{(22)} + 2m_{100}^{(00)}m_{110}^{(21)}m_{101}^{(11)}m_{002}^{(21)}\\
&+2m_{100}^{(00)}m_{110}^{(21)}m_{101}^{(21)}m_{020}^{(22)} - 2m_{100}^{(00)}m_{110}^{(21)}m_{101}^{(21)}m_{002}^{(11)} - m_{100}^{(00)}m_{110}^{(21)}m_{101}^{(22)}m_{011}^{(11)}\\
&-2m_{100}^{(00)}m_{110}^{(21)}m_{020}^{(20)}m_{002}^{(21)} + 2m_{100}^{(00)}m_{110}^{(21)}m_{011}^{(10)}m_{002}^{(21)} + 2m_{100}^{(00)}m_{110}^{(21)}m_{011}^{(20)}m_{011}^{(21)}\\
&-2m_{100}^{(00)}m_{110}^{(21)}m_{011}^{(21)}m_{002}^{(10)} - m_{100}^{(00)}(m_{110}^{(22)})^2m_{011}^{(11)} - 2m_{100}^{(00)}m_{110}^{(22)}m_{101}^{(21)}m_{020}^{(21)}\\
&+m_{100}^{(00)}m_{110}^{(22)}m_{101}^{(21)}m_{011}^{(11)} + m_{100}^{(00)}m_{110}^{(22)}m_{101}^{(22)}m_{020}^{(11)} + m_{100}^{(00)}m_{110}^{(22)}m_{020}^{(20)}m_{002}^{(11)}\\
&-m_{100}^{(00)}m_{110}^{(22)}m_{011}^{(10)}m_{002}^{(11)} - m_{100}^{(00)}m_{110}^{(22)}m_{011}^{(11)}m_{002}^{(20)} + m_{100}^{(00)}m_{110}^{(22)}m_{011}^{(11)}m_{002}^{(10)}\\
&+m_{100}^{(00)}m_{101}^{(10)}m_{011}^{(11)}m_{020}^{(22)}m_{002} - 2m_{100}^{(00)}m_{101}^{(10)}m_{020}^{(21)}m_{002}^{(21)} + m_{100}^{(00)}m_{101}^{(10)}m_{020}^{(22)}m_{002}^{(11)}\\
&-2m_{100}^{(00)}m_{101}^{(10)}m_{011}^{(11)}m_{011}^{(22)} + 2m_{100}^{(00)}m_{101}^{(10)}(m_{011}^{(21)})^2 + m_{100}^{(00)}(m_{101}^{(11)})^2m_{011}^{(22)}
\end{aligned}
$$

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\begin{aligned}
&-m_{100}^{(00)}m_{101}^{(11)}m_{101}^{(21)}m_{020}^{(22)} - 2m_{100}^{(00)}m_{101}^{(11)}m_{101}^{(21)}m_{011}^{(21)} + 2m_{100}^{(00)}m_{101}^{(11)}m_{101}^{(22)}m_{020}^{(21)}\\
&-m_{100}^{(00)}m_{101}^{(11)}m_{101}^{(22)}m_{011}^{(11)} - m_{100}^{(00)}m_{101}^{(11)}m_{020}^{(20)}m_{011}^{(22)} + m_{100}^{(00)}m_{101}^{(11)}m_{020}^{(22)}m_{011}^{(20)}\\
&-m_{100}^{(00)}m_{101}^{(11)}m_{020}^{(22)}m_{002}^{(10)} + m_{100}^{(00)}m_{101}^{(11)}m_{011}^{(10)}m_{011}^{(22)} + 2m_{100}^{(00)}(m_{101}^{(21)})^2m_{011}^{(11)}\\
&-m_{100}^{(00)}m_{101}^{(21)}m_{101}^{(22)}m_{020}^{(11)} + 2m_{100}^{(00)}m_{101}^{(21)}m_{020}^{(20)}m_{011}^{(21)} - 2m_{100}^{(00)}m_{101}^{(21)}m_{020}^{(21)}m_{011}^{(20)}\\
&+2m_{100}^{(00)}m_{101}^{(21)}m_{020}^{(21)}m_{002}^{(10)} - 2m_{100}^{(00)}m_{101}^{(21)}m_{011}^{(10)}m_{011}^{(21)} + m_{100}^{(00)}m_{101}^{(22)}m_{020}^{(11)}m_{011}^{(20)}\\
&-m_{100}^{(00)}m_{101}^{(22)}m_{020}^{(11)}m_{002}^{(10)} - m_{100}^{(00)}m_{101}^{(22)}m_{020}^{(20)}m_{011}^{(11)} + m_{100}^{(00)}m_{101}^{(22)}m_{011}^{(10)}m_{011}^{(11)}\\
&+m_{100}^{(10)}m_{200}^{(10)}m_{020}^{(21)}m_{002}^{(22)} - m_{100}^{(10)}m_{200}^{(10)}m_{020}^{(22)}m_{002}^{(21)} - m_{100}^{(10)}m_{200}^{(10)}m_{011}^{(11)}m_{002}^{(22)}\\
&+m_{100}^{(10)}m_{200}^{(10)}m_{011}^{(22)}m_{002}^{(11)} + m_{100}^{(10)}m_{200}^{(11)}m_{020}^{(20)}m_{002}^{(22)} - m_{100}^{(10)}m_{200}^{(11)}m_{020}^{(22)}m_{002}^{(20)}\\
&-m_{100}^{(10)}m_{200}^{(11)}m_{011}^{(10)}m_{002}^{(22)} - m_{100}^{(10)}m_{200}^{(11)}m_{011}^{(20)}m_{002}^{(21)} + m_{100}^{(10)}m_{200}^{(11)}m_{011}^{(21)}m_{002}^{(20)}\\
&+m_{100}^{(10)}m_{200}^{(11)}m_{011}^{(22)}m_{002}^{(10)} + m_{100}^{(10)}m_{200}^{(20)}m_{020}^{(11)}m_{002}^{(22)} - 2m_{100}^{(10)}m_{200}^{(20)}m_{020}^{(21)}m_{011}^{(22)}\\
&-m_{100}^{(10)}m_{200}^{(20)}m_{020}^{(21)}m_{002}^{(21)} + 2m_{100}^{(10)}m_{200}^{(20)}m_{020}^{(22)}m_{011}^{(21)} - m_{100}^{(10)}m_{200}^{(20)}m_{011}^{(11)}m_{011}^{(22)}\\
&+m_{100}^{(10)}m_{200}^{(20)}(m_{011}^{(21)})^2 - m_{100}^{(10)}m_{200}^{(21)}m_{020}^{(10)}m_{002}^{(22)} - 2m_{100}^{(10)}m_{200}^{(21)}m_{020}^{(20)}m_{011}^{(22)}\\
&+m_{100}^{(10)}m_{200}^{(21)}m_{020}^{(20)}m_{002}^{(21)} + 2m_{100}^{(10)}m_{200}^{(21)}m_{020}^{(22)}m_{011}^{(20)} + m_{100}^{(10)}m_{200}^{(21)}m_{011}^{(10)}m_{011}^{(22)}\\
&+3m_{100}^{(10)}m_{200}^{(21)}m_{011}^{(10)}m_{002}^{(21)} + m_{100}^{(10)}m_{200}^{(21)}m_{011}^{(11)}m_{002}^{(20)} - m_{100}^{(10)}m_{200}^{(21)}m_{011}^{(20)}m_{011}^{(21)}\\
&-m_{100}^{(10)}m_{200}^{(21)}m_{011}^{(20)}m_{002}^{(11)} - 3m_{100}^{(10)}m_{200}^{(21)}m_{011}^{(21)}m_{002}^{(10)} + 2m_{100}^{(10)}m_{200}^{(22)}m_{020}^{(10)}m_{011}^{(22)}\\
&-m_{100}^{(10)}m_{200}^{(22)}m_{020}^{(10)}m_{002}^{(21)} - m_{100}^{(10)}m_{200}^{(22)}m_{020}^{(11)}m_{002}^{(20)} + 2m_{100}^{(10)}m_{200}^{(22)}m_{020}^{(21)}m_{002}^{(10)}\\
&-2m_{100}^{(10)}m_{200}^{(22)}m_{020}^{(22)}m_{011}^{(10)} - m_{100}^{(10)}m_{200}^{(22)}m_{011}^{(10)}m_{011}^{(21)} + m_{100}^{(10)}m_{200}^{(22)}m_{011}^{(11)}m_{011}^{(20)}\\
&-2m_{100}^{(10)}m_{110}^{(10)}m_{110}^{(22)}m_{011}^{(22)} + 2m_{100}^{(10)}m_{110}^{(10)}m_{110}^{(22)}m_{002}^{(21)} + m_{100}^{(10)}m_{110}^{(10)}m_{101}^{(11)}m_{002}^{(22)}\\
&-2m_{100}^{(10)}m_{110}^{(10)}m_{101}^{(21)}m_{011}^{(22)} + 2m_{100}^{(10)}m_{110}^{(10)}m_{101}^{(22)}m_{020}^{(22)} - m_{100}^{(10)}m_{110}^{(10)}m_{101}^{(22)}m_{002}^{(11)}\\
&-2m_{100}^{(10)}m_{110}^{(10)}m_{020}^{(20)}m_{002}^{(22)} + m_{100}^{(10)}m_{110}^{(10)}m_{011}^{(10)}m_{002}^{(22)} + 2m_{100}^{(10)}m_{110}^{(10)}m_{011}^{(20)}m_{011}^{(22)}\\
&+m_{100}^{(10)}m_{110}^{(10)}m_{011}^{(20)}m_{002}^{(21)} - m_{100}^{(10)}m_{110}^{(10)}m_{011}^{(21)}m_{002}^{(20)} - m_{100}^{(10)}m_{110}^{(10)}m_{011}^{(22)}m_{002}^{(10)}\\
&-2m_{100}^{(10)}m_{110}^{(11)}m_{110}^{(20)}m_{002}^{(22)} + 2m_{100}^{(10)}m_{110}^{(11)}m_{110}^{(22)}m_{002}^{(20)} + m_{100}^{(10)}m_{110}^{(11)}m_{101}^{(10)}m_{002}^{(22)}\\
&+m_{100}^{(10)}m_{110}^{(11)}m_{101}^{(20)}m_{002}^{(21)} - m_{100}^{(10)}m_{110}^{(11)}m_{101}^{(21)}m_{002}^{(20)} - m_{100}^{(10)}m_{110}^{(11)}m_{101}^{(22)}m_{002}^{(10)}\\
&+m_{100}^{(10)}m_{110}^{(11)}m_{011}^{(00)}m_{002}^{(22)} - m_{100}^{(10)}m_{110}^{(11)}m_{011}^{(22)}m_{002}^{(00)} + 4m_{100}^{(10)}m_{110}^{(20)}m_{110}^{(21)}m_{011}^{(22)}\\
&-2m_{100}^{(10)}m_{110}^{(20)}m_{110}^{(22)}m_{011}^{(21)} + m_{100}^{(10)}m_{110}^{(20)}m_{101}^{(11)}m_{011}^{(22)} - 2m_{100}^{(10)}m_{110}^{(20)}m_{101}^{(21)}m_{020}^{(22)}\\
&+m_{100}^{(10)}m_{110}^{(20)}m_{101}^{(22)}m_{011}^{(11)} + 2m_{100}^{(10)}m_{110}^{(20)}m_{020}^{(10)}m_{002}^{(22)} - 2m_{100}^{(10)}m_{110}^{(20)}m_{020}^{(21)}m_{002}^{(20)}\\
&+2m_{100}^{(10)}m_{110}^{(20)}m_{020}^{(22)}m_{002}^{(10)} - 4m_{100}^{(10)}m_{110}^{(20)}m_{011}^{(10)}m_{011}^{(22)} - m_{100}^{(10)}m_{110}^{(20)}m_{011}^{(10)}m_{002}^{(21)}\\
&+m_{100}^{(10)}m_{110}^{(20)}m_{011}^{(11)}m_{002}^{(20)} + 2m_{100}^{(10)}m_{110}^{(20)}m_{011}^{(20)}m_{011}^{(21)} - m_{100}^{(10)}m_{110}^{(20)}m_{011}^{(20)}m_{002}^{(11)}\\
&+m_{100}^{(10)}m_{110}^{(20)}m_{011}^{(21)}m_{002}^{(10)} - 2m_{100}^{(10)}m_{110}^{(21)}m_{110}^{(22)}m_{011}^{(20)} - 2m_{100}^{(10)}m_{110}^{(21)}m_{011}^{(20)}m_{002}^{(22)}\\
&+m_{100}^{(10)}m_{110}^{(21)}m_{101}^{(10)}m_{011}^{(22)} - 3m_{100}^{(10)}m_{110}^{(21)}m_{101}^{(10)}m_{002}^{(21)} - m_{100}^{(10)}m_{110}^{(21)}m_{101}^{(11)}m_{002}^{(20)}\\
&-2m_{100}^{(10)}m_{110}^{(21)}m_{101}^{(20)}m_{020}^{(22)} - m_{100}^{(10)}m_{110}^{(21)}m_{101}^{(20)}m_{011}^{(21)} + m_{100}^{(10)}m_{110}^{(21)}m_{101}^{(20)}m_{002}^{(11)}\\
&+m_{100}^{(10)}m_{110}^{(21)}m_{101}^{(21)}m_{011}^{(20)} + 3m_{100}^{(10)}m_{110}^{(21)}m_{101}^{(21)}m_{002}^{(10)} + m_{100}^{(10)}m_{110}^{(21)}m_{101}^{(22)}m_{011}^{(10)}\\
&+2m_{100}^{(10)}m_{110}^{(21)}m_{020}^{(20)}m_{002}^{(20)} - 2m_{100}^{(10)}m_{110}^{(21)}m_{011}^{(00)}m_{002}^{(21)} - 2m_{100}^{(10)}m_{110}^{(21)}m_{011}^{(10)}m_{002}^{(20)}\\
&-2m_{100}^{(10)}m_{110}^{(21)}(m_{011}^{(20)})^2 + 2m_{100}^{(10)}m_{110}^{(21)}m_{011}^{(20)}m_{002}^{(10)} + 2m_{100}^{(10)}m_{110}^{(21)}m_{011}^{(21)}m_{002}^{(00)}\\
&+2m_{100}^{(10)}(m_{110}^{(22)})^2m_{011}^{(10)} + m_{100}^{(10)}m_{110}^{(22)}m_{101}^{(10)}m_{011}^{(21)} - m_{100}^{(10)}m_{110}^{(22)}m_{101}^{(11)}m_{011}^{(20)}\\
&+2m_{100}^{(10)}m_{110}^{(22)}m_{101}^{(20)}m_{020}^{(21)} - m_{100}^{(10)}m_{110}^{(22)}m_{101}^{(20)}m_{011}^{(11)} + 2m_{100}^{(10)}m_{110}^{(22)}m_{101}^{(21)}m_{020}^{(20)}\\
&-m_{100}^{(10)}m_{110}^{(22)}m_{101}^{(21)}m_{011}^{(10)} - 2m_{100}^{(10)}m_{110}^{(22)}m_{101}^{(22)}m_{020}^{(10)} - 2m_{100}^{(10)}m_{110}^{(22)}m_{020}^{(20)}m_{002}^{(10)}\\
&+m_{100}^{(10)}m_{110}^{(22)}m_{011}^{(00)}m_{002}^{(11)} + 2m_{100}^{(10)}m_{110}^{(22)}m_{011}^{(10)}m_{011}^{(20)} - m_{100}^{(10)}m_{110}^{(22)}m_{011}^{(11)}m_{002}^{(00)}
\end{aligned}
$$

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\begin{aligned}
&-m_{100}^{(10)}m_{101}^{(00)}m_{020}^{(11)}m_{002}^{(22)}+2m_{100}^{(10)}m_{101}^{(00)}m_{020}^{(21)}m_{002}^{(21)}-m_{100}^{(10)}m_{101}^{(00)}m_{020}^{(22)}m_{002}^{(11)}\\
&+2m_{100}^{(10)}m_{101}^{(00)}m_{011}^{(11)}m_{011}^{(22)}-2m_{100}^{(10)}m_{101}^{(00)}(m_{011}^{(21)})^2-2m_{100}^{(10)}m_{101}^{(10)}m_{101}^{(11)}m_{011}^{(22)}\\
&+m_{100}^{(10)}m_{101}^{(10)}m_{101}^{(21)}m_{020}^{(22)}+3m_{100}^{(10)}m_{101}^{(10)}m_{101}^{(21)}m_{011}^{(21)}-3m_{100}^{(10)}m_{101}^{(10)}m_{101}^{(22)}m_{101}^{(21)}m_{020}\\
&+m_{100}^{(10)}m_{101}^{(10)}m_{101}^{(22)}m_{011}^{(11)}-m_{100}^{(10)}m_{101}^{(10)}m_{020}^{(22)}m_{002}^{(22)}+2m_{100}^{(10)}m_{101}^{(10)}m_{020}^{(20)}m_{011}^{(22)}\\
&+m_{100}^{(10)}m_{101}^{(10)}m_{020}^{(20)}m_{002}^{(21)}+2m_{100}^{(10)}m_{101}^{(10)}m_{020}^{(21)}m_{002}^{(20)}-2m_{100}^{(10)}m_{101}^{(10)}m_{020}^{(22)}m_{011}^{(20)}\\
&+m_{100}^{(10)}m_{101}^{(10)}m_{011}^{(10)}m_{011}^{(22)}-3m_{100}^{(10)}m_{101}^{(10)}m_{011}^{(20)}m_{011}^{(21)}+m_{100}^{(10)}m_{101}^{(11)}m_{101}^{(20)}m_{020}^{(22)}\\
&-m_{100}^{(10)}m_{101}^{(11)}m_{101}^{(20)}m_{011}^{(21)}+2m_{100}^{(10)}m_{101}^{(11)}m_{101}^{(21)}m_{011}^{(20)}-m_{100}^{(10)}m_{101}^{(11)}m_{101}^{(22)}m_{020}^{(20)}\\
&+m_{100}^{(10)}m_{101}^{(11)}m_{101}^{(22)}m_{011}^{(10)}-m_{100}^{(10)}m_{101}^{(11)}m_{020}^{(20)}m_{002}^{(20)}+m_{100}^{(10)}m_{101}^{(11)}m_{020}^{(22)}m_{002}^{(00)}\\
&-m_{100}^{(10)}m_{101}^{(11)}m_{011}^{(00)}m_{011}^{(22)}+m_{100}^{(10)}m_{101}^{(11)}(m_{011}^{(20)})^2+m_{100}^{(10)}m_{101}^{(20)}m_{101}^{(21)}m_{020}^{(21)}\\
&-m_{100}^{(10)}m_{101}^{(20)}m_{101}^{(21)}m_{011}^{(11)}-m_{100}^{(10)}m_{101}^{(20)}m_{020}^{(10)}m_{002}^{(21)}-2m_{100}^{(10)}m_{101}^{(20)}m_{020}^{(20)}m_{011}^{(21)}\\
&+m_{100}^{(10)}m_{101}^{(20)}m_{020}^{(20)}m_{002}^{(11)}+2m_{100}^{(10)}m_{101}^{(20)}m_{020}^{(21)}m_{011}^{(20)}-2m_{100}^{(10)}m_{101}^{(20)}m_{020}^{(21)}m_{002}^{(10)}\\
&+3m_{100}^{(10)}m_{101}^{(20)}m_{011}^{(10)}m_{011}^{(21)}-m_{100}^{(10)}m_{101}^{(20)}m_{011}^{(11)}m_{011}^{(20)}-m_{100}^{(10)}(m_{101}^{(21)})^2m_{020}^{(20)}\\
&-3m_{100}^{(10)}(m_{101}^{(21)})^2m_{011}^{(10)}+2m_{100}^{(10)}m_{101}^{(21)}m_{101}^{(22)}m_{020}^{(10)}+m_{100}^{(10)}m_{101}^{(21)}m_{020}^{(10)}m_{002}^{(20)}\\
&-m_{100}^{(10)}m_{101}^{(21)}m_{020}^{(20)}m_{002}^{(10)}-2m_{100}^{(10)}m_{101}^{(21)}m_{020}^{(21)}m_{002}^{(00)}+2m_{100}^{(10)}m_{101}^{(21)}m_{011}^{(00)}m_{011}^{(21)}\\
&-2m_{100}^{(10)}m_{101}^{(22)}m_{020}^{(10)}m_{011}^{(20)}+m_{100}^{(10)}m_{101}^{(22)}m_{020}^{(10)}m_{002}^{(10)}+m_{100}^{(10)}m_{101}^{(22)}m_{020}^{(11)}m_{002}^{(00)}\\
&+2m_{100}^{(10)}m_{101}^{(22)}m_{020}^{(20)}m_{011}^{(10)}-m_{100}^{(10)}m_{101}^{(22)}m_{011}^{(00)}m_{011}^{(11)}-m_{100}^{(10)}m_{101}^{(22)}(m_{011}^{(10)})^2\\
&-m_{100}^{(11)}m_{200}^{(10)}m_{020}^{(20)}m_{002}^{(22)}+m_{100}^{(11)}m_{200}^{(10)}m_{020}^{(22)}m_{002}^{(20)}+m_{100}^{(11)}m_{200}^{(10)}m_{011}^{(10)}m_{002}^{(22)}\\
&+m_{100}^{(11)}m_{200}^{(10)}m_{011}^{(20)}m_{002}^{(21)}-m_{100}^{(11)}m_{200}^{(10)}m_{011}^{(20)}m_{002}^{(20)}-m_{100}^{(11)}m_{200}^{(10)}m_{011}^{(22)}m_{002}^{(10)}\\
&-m_{100}^{(11)}m_{200}^{(20)}m_{020}^{(10)}m_{002}^{(22)}+2m_{100}^{(11)}m_{200}^{(20)}m_{020}^{(20)}m_{011}^{(22)}+m_{100}^{(11)}m_{200}^{(20)}m_{020}^{(21)}m_{002}^{(20)}\\
&-2m_{100}^{(11)}m_{200}^{(20)}m_{020}^{(22)}m_{011}^{(20)}+m_{100}^{(11)}m_{200}^{(20)}m_{011}^{(10)}m_{011}^{(22)}-m_{100}^{(11)}m_{200}^{(20)}m_{011}^{(20)}m_{011}^{(21)}\\
&+m_{100}^{(11)}m_{200}^{(21)}m_{020}^{(00)}m_{002}^{(22)}-m_{100}^{(11)}m_{200}^{(21)}m_{020}^{(20)}m_{002}^{(20)}-m_{100}^{(11)}m_{200}^{(21)}m_{011}^{(00)}m_{011}^{(22)}\\
&-m_{100}^{(11)}m_{200}^{(21)}m_{011}^{(00)}m_{002}^{(21)}-m_{100}^{(11)}m_{200}^{(21)}m_{011}^{(10)}m_{002}^{(20)}+m_{100}^{(11)}m_{200}^{(21)}(m_{011}^{(20)})^2\\
&+m_{100}^{(11)}m_{200}^{(21)}m_{011}^{(20)}m_{002}^{(10)}+m_{100}^{(11)}m_{200}^{(21)}m_{011}^{(21)}m_{002}^{(00)}-m_{100}^{(11)}m_{200}^{(22)}m_{020}^{(00)}m_{011}^{(22)}\\
&+m_{100}^{(11)}m_{200}^{(22)}m_{020}^{(10)}m_{002}^{(20)}-m_{100}^{(11)}m_{200}^{(22)}m_{020}^{(21)}m_{002}^{(00)}+m_{100}^{(11)}m_{200}^{(22)}m_{020}^{(22)}m_{011}^{(00)}\\
&+m_{100}^{(11)}m_{200}^{(22)}m_{011}^{(00)}m_{011}^{(21)}-m_{100}^{(11)}m_{200}^{(22)}m_{011}^{(10)}m_{011}^{(20)}-m_{100}^{(11)}m_{110}^{(00)}m_{110}^{(21)}m_{002}^{(22)}\\
&+m_{100}^{(11)}m_{110}^{(00)}m_{110}^{(22)}m_{011}^{(22)}+m_{100}^{(11)}m_{110}^{(00)}m_{101}^{(21)}m_{011}^{(22)}-m_{100}^{(11)}m_{110}^{(00)}m_{101}^{(22)}m_{020}^{(22)}\\
&+m_{100}^{(11)}m_{110}^{(00)}m_{020}^{(20)}m_{002}^{(22)}-m_{100}^{(11)}m_{110}^{(00)}m_{011}^{(20)}m_{011}^{(22)}-m_{100}^{(11)}m_{110}^{(00)}m_{011}^{(20)}m_{002}^{(21)}\\
&+m_{100}^{(11)}m_{110}^{(00)}m_{011}^{(21)}m_{002}^{(20)}+2m_{100}^{(11)}m_{110}^{(10)}m_{110}^{(20)}m_{002}^{(22)}-2m_{100}^{(11)}m_{110}^{(10)}m_{110}^{(22)}m_{002}^{(20)}\\
&-m_{100}^{(11)}m_{110}^{(10)}m_{101}^{(10)}m_{002}^{(22)}-m_{100}^{(11)}m_{110}^{(10)}m_{101}^{(20)}m_{002}^{(21)}+m_{100}^{(11)}m_{110}^{(10)}m_{101}^{(21)}m_{002}^{(20)}\\
&+m_{100}^{(11)}m_{110}^{(10)}m_{101}^{(22)}m_{002}^{(10)}-m_{100}^{(11)}m_{110}^{(10)}m_{011}^{(00)}m_{002}^{(22)}+m_{100}^{(11)}m_{110}^{(10)}m_{011}^{(22)}m_{002}^{(00)}\\
&-2m_{100}^{(11)}(m_{110}^{(20)})^2m_{011}^{(22)}+2m_{100}^{(11)}m_{110}^{(20)}m_{110}^{(22)}m_{011}^{(20)}-m_{100}^{(11)}m_{110}^{(20)}m_{101}^{(10)}m_{011}^{(22)}\\
&+2m_{100}^{(11)}m_{110}^{(20)}m_{101}^{(20)}m_{020}^{(22)}+m_{100}^{(11)}m_{110}^{(20)}m_{101}^{(21)}m_{011}^{(20)}-m_{100}^{(11)}m_{110}^{(20)}m_{101}^{(21)}m_{011}^{(20)}\\
&-m_{100}^{(11)}m_{110}^{(20)}m_{101}^{(22)}m_{011}^{(10)}-m_{100}^{(11)}m_{110}^{(20)}m_{020}^{(00)}m_{002}^{(22)}-m_{100}^{(11)}m_{110}^{(20)}m_{020}^{(22)}m_{002}^{(00)}\\
&+2m_{100}^{(11)}m_{110}^{(20)}m_{011}^{(00)}m_{011}^{(22)}+m_{100}^{(11)}m_{110}^{(20)}m_{011}^{(00)}m_{002}^{(21)}-m_{100}^{(11)}m_{110}^{(20)}m_{011}^{(10)}m_{002}^{(20)}\\
&+m_{100}^{(11)}m_{110}^{(20)}m_{011}^{(20)}m_{002}^{(00)}-m_{100}^{(11)}m_{110}^{(20)}m_{011}^{(21)}m_{002}^{(00)}+m_{100}^{(11)}m_{110}^{(21)}m_{110}^{(22)}m_{002}^{(00)}\\
&+m_{100}^{(11)}m_{110}^{(21)}m_{101}^{(00)}m_{002}^{(21)}+m_{100}^{(11)}m_{110}^{(21)}m_{101}^{(10)}m_{002}^{(20)}-m_{100}^{(11)}m_{110}^{(21)}m_{101}^{(20)}m_{002}^{(10)}\\
&-m_{100}^{(11)}m_{110}^{(21)}m_{101}^{(21)}m_{002}^{(00)}+2m_{100}^{(11)}m_{110}^{(21)}m_{011}^{(00)}m_{002}^{(20)}-2m_{100}^{(11)}m_{110}^{(21)}m_{011}^{(20)}m_{002}^{(00)}\\
&-m_{100}^{(11)}(m_{110}^{(22)})^2m_{011}^{(00)}-m_{100}^{(11)}m_{110}^{(22)}m_{101}^{(00)}m_{011}^{(21)}+m_{100}^{(11)}m_{110}^{(22)}m_{101}^{(10)}m_{011}^{(20)}
\end{aligned}
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\begin{aligned}
&-2m_{100}^{(11)}m_{110}^{(22)}m_{101}^{(20)}m_{020}^{(20)}+m_{100}^{(11)}m_{110}^{(22)}m_{101}^{(20)}m_{011}^{(10)}+m_{100}^{(11)}m_{110}^{(22)}m_{101}^{(22)}m_{020}^{(00)}\\
&+m_{100}^{(11)}m_{110}^{(22)}m_{020}^{(20)}m_{002}^{(00)}-m_{100}^{(11)}m_{110}^{(22)}m_{011}^{(00)}m_{011}^{(20)}-m_{100}^{(11)}m_{110}^{(22)}m_{011}^{(00)}m_{002}^{(10)}\\
&+m_{100}^{(11)}m_{110}^{(22)}m_{011}^{(10)}m_{002}^{(00)}-m_{100}^{(11)}m_{101}^{(00)}m_{101}^{(21)}m_{011}^{(21)}+m_{100}^{(11)}m_{101}^{(00)}m_{101}^{(22)}m_{020}^{(21)}\\
&+m_{100}^{(11)}m_{101}^{(00)}m_{020}^{(10)}m_{002}^{(22)}-m_{100}^{(11)}m_{101}^{(00)}m_{020}^{(20)}m_{011}^{(22)}-m_{100}^{(11)}m_{101}^{(00)}m_{020}^{(20)}m_{002}^{(21)}\\
&-2m_{100}^{(11)}m_{101}^{(00)}m_{020}^{(21)}m_{002}^{(20)}+m_{100}^{(11)}m_{101}^{(00)}m_{020}^{(22)}m_{011}^{(20)}+m_{100}^{(11)}m_{101}^{(00)}m_{020}^{(22)}m_{002}^{(10)}\\
&-2m_{100}^{(11)}m_{101}^{(00)}m_{011}^{(10)}m_{011}^{(22)}+3m_{100}^{(11)}m_{101}^{(00)}m_{011}^{(20)}m_{011}^{(21)}+m_{100}^{(11)}(m_{101}^{(10)})^2m_{011}^{(22)}\\
&-m_{100}^{(11)}m_{101}^{(10)}m_{101}^{(20)}m_{020}^{(22)}+m_{100}^{(11)}m_{101}^{(10)}m_{101}^{(20)}m_{011}^{(21)}-2m_{100}^{(11)}m_{101}^{(10)}m_{101}^{(21)}m_{011}^{(20)}\\
&+m_{100}^{(11)}m_{101}^{(10)}m_{101}^{(22)}m_{020}^{(20)}-m_{100}^{(11)}m_{101}^{(10)}m_{101}^{(22)}m_{011}^{(10)}+m_{100}^{(11)}m_{101}^{(10)}m_{020}^{(20)}m_{002}^{(20)}\\
&-m_{100}^{(11)}m_{101}^{(10)}m_{020}^{(22)}m_{002}^{(00)}+m_{100}^{(11)}m_{101}^{(10)}m_{011}^{(00)}m_{011}^{(22)}-m_{100}^{(11)}m_{101}^{(10)}(m_{011}^{(20)})^2\\
&-m_{100}^{(11)}(m_{101}^{(20)})^2m_{020}^{(21)}+m_{100}^{(11)}m_{101}^{(20)}m_{101}^{(21)}m_{020}^{(20)}+m_{100}^{(11)}m_{101}^{(20)}m_{101}^{(21)}m_{011}^{(10)}\\
&+m_{100}^{(11)}m_{101}^{(20)}m_{020}^{(00)}m_{002}^{(21)}-m_{100}^{(11)}m_{101}^{(20)}m_{020}^{(20)}m_{002}^{(10)}+2m_{100}^{(11)}m_{101}^{(20)}m_{020}^{(21)}m_{002}^{(00)}\\
&-3m_{100}^{(11)}m_{101}^{(20)}m_{011}^{(00)}m_{011}^{(21)}+m_{100}^{(11)}m_{101}^{(20)}m_{011}^{(10)}m_{011}^{(20)}+m_{100}^{(11)}(m_{101}^{(21)})^2m_{011}^{(00)}\\
&-m_{100}^{(11)}m_{101}^{(21)}m_{101}^{(22)}m_{020}^{(00)}-m_{100}^{(11)}m_{101}^{(21)}m_{020}^{(00)}m_{002}^{(20)}+m_{100}^{(11)}m_{101}^{(21)}m_{020}^{(20)}m_{002}^{(00)}\\
&+m_{100}^{(11)}m_{101}^{(22)}m_{020}^{(00)}m_{011}^{(20)}-m_{100}^{(11)}m_{101}^{(22)}m_{020}^{(10)}m_{002}^{(00)}-m_{100}^{(11)}m_{101}^{(22)}m_{020}^{(20)}m_{011}^{(00)}\\
&+m_{100}^{(11)}m_{101}^{(22)}m_{011}^{(00)}m_{011}^{(10)}-m_{100}^{(20)}m_{200}^{(10)}m_{020}^{(11)}m_{002}^{(22)}+m_{100}^{(20)}m_{200}^{(10)}m_{020}^{(21)}m_{002}^{(21)}\\
&+m_{100}^{(20)}m_{200}^{(10)}m_{011}^{(11)}m_{011}^{(22)}+2m_{100}^{(20)}m_{200}^{(10)}m_{011}^{(11)}m_{002}^{(21)}-m_{100}^{(20)}m_{200}^{(10)}(m_{011}^{(21)})^2\\
&-2m_{100}^{(20)}m_{200}^{(10)}m_{011}^{(21)}m_{002}^{(11)}+m_{100}^{(20)}m_{200}^{(11)}m_{020}^{(10)}m_{002}^{(22)}-2m_{100}^{(20)}m_{200}^{(11)}m_{020}^{(20)}m_{002}^{(21)}\\
&+m_{100}^{(20)}m_{200}^{(11)}m_{020}^{(21)}m_{002}^{(20)}-m_{100}^{(20)}m_{200}^{(11)}m_{011}^{(10)}m_{011}^{(22)}-2m_{100}^{(20)}m_{200}^{(11)}m_{011}^{(20)}m_{002}^{(11)}\\
&+m_{100}^{(20)}m_{200}^{(11)}m_{011}^{(20)}m_{011}^{(21)}+2m_{100}^{(20)}m_{200}^{(11)}m_{011}^{(20)}m_{002}^{(11)}+m_{100}^{(20)}m_{200}^{(20)}m_{020}^{(11)}m_{011}^{(22)}\\
&-m_{100}^{(20)}m_{200}^{(20)}m_{020}^{(11)}m_{002}^{(21)}+m_{100}^{(20)}m_{200}^{(20)}m_{020}^{(21)}m_{002}^{(11)}-m_{100}^{(20)}m_{200}^{(20)}m_{020}^{(20)}m_{011}^{(22)}\\
&-m_{100}^{(20)}m_{200}^{(21)}m_{020}^{(10)}m_{011}^{(22)}+m_{100}^{(20)}m_{200}^{(21)}m_{020}^{(11)}m_{002}^{(20)}+3m_{100}^{(20)}m_{200}^{(21)}m_{020}^{(20)}m_{011}^{(21)}\\
&-3m_{100}^{(20)}m_{200}^{(21)}m_{020}^{(21)}m_{011}^{(20)}-m_{100}^{(20)}m_{200}^{(21)}m_{020}^{(21)}m_{002}^{(10)}+m_{100}^{(20)}m_{200}^{(21)}m_{020}^{(22)}m_{011}^{(10)}\\
&+m_{100}^{(20)}m_{200}^{(21)}m_{011}^{(10)}m_{011}^{(21)}-2m_{100}^{(20)}m_{200}^{(21)}m_{011}^{(10)}m_{002}^{(11)}-m_{100}^{(20)}m_{200}^{(21)}m_{011}^{(11)}m_{011}^{(20)}\\
&+2m_{100}^{(20)}m_{200}^{(21)}m_{011}^{(11)}m_{002}^{(10)}-m_{100}^{(20)}m_{200}^{(22)}m_{020}^{(10)}m_{011}^{(21)}+m_{100}^{(20)}m_{200}^{(22)}m_{020}^{(10)}m_{002}^{(11)}\\
&+m_{100}^{(20)}m_{200}^{(22)}m_{020}^{(11)}m_{011}^{(20)}-m_{100}^{(20)}m_{200}^{(22)}m_{020}^{(11)}m_{002}^{(10)}-m_{100}^{(20)}m_{200}^{(22)}m_{020}^{(20)}m_{011}^{(11)}\\
&+m_{100}^{(20)}m_{200}^{(22)}m_{020}^{(21)}m_{011}^{(10)}+m_{100}^{(20)}m_{110}^{(00)}m_{020}^{(11)}m_{002}^{(22)}-2m_{100}^{(20)}m_{110}^{(00)}m_{020}^{(21)}m_{002}^{(21)}\\
&+m_{100}^{(20)}m_{110}^{(00)}m_{020}^{(22)}m_{002}^{(11)}-2m_{100}^{(20)}m_{110}^{(00)}m_{011}^{(11)}m_{011}^{(22)}+2m_{100}^{(20)}m_{110}^{(00)}(m_{011}^{(21)})^2\\
&+m_{100}^{(20)}m_{110}^{(10)}m_{110}^{(21)}m_{011}^{(22)}-m_{100}^{(20)}m_{110}^{(10)}m_{110}^{(21)}m_{002}^{(21)}+m_{100}^{(20)}m_{110}^{(10)}m_{110}^{(22)}m_{011}^{(21)}\\
&-m_{100}^{(20)}m_{110}^{(10)}m_{110}^{(22)}m_{002}^{(11)}+m_{100}^{(20)}m_{110}^{(10)}m_{101}^{(11)}m_{011}^{(22)}-2m_{100}^{(20)}m_{110}^{(10)}m_{101}^{(11)}m_{002}^{(21)}\\
&-m_{100}^{(20)}m_{110}^{(10)}m_{101}^{(21)}m_{020}^{(22)}+m_{100}^{(20)}m_{110}^{(10)}m_{101}^{(21)}m_{011}^{(21)}+2m_{100}^{(20)}m_{110}^{(10)}m_{101}^{(21)}m_{002}^{(11)}\\
&-m_{100}^{(20)}m_{110}^{(10)}m_{101}^{(22)}m_{020}^{(21)}+2m_{100}^{(20)}m_{110}^{(10)}m_{020}^{(20)}m_{002}^{(21)}+m_{100}^{(20)}m_{110}^{(10)}m_{020}^{(21)}m_{002}^{(20)}\\
&-m_{100}^{(20)}m_{110}^{(10)}m_{020}^{(22)}m_{002}^{(10)}+m_{100}^{(20)}m_{110}^{(10)}m_{011}^{(10)}m_{011}^{(22)}-2m_{100}^{(20)}m_{110}^{(10)}m_{011}^{(10)}m_{002}^{(21)}\\
&-3m_{100}^{(20)}m_{110}^{(10)}m_{011}^{(20)}m_{011}^{(21)}+2m_{100}^{(20)}m_{110}^{(10)}m_{011}^{(21)}m_{002}^{(10)}-m_{100}^{(20)}m_{110}^{(11)}m_{110}^{(20)}m_{011}^{(22)}\\
&+3m_{100}^{(20)}m_{110}^{(11)}m_{110}^{(20)}m_{002}^{(21)}-2m_{100}^{(20)}m_{110}^{(11)}m_{110}^{(21)}m_{002}^{(20)}-m_{100}^{(20)}m_{110}^{(11)}m_{110}^{(22)}m_{011}^{(20)}\\
&+m_{100}^{(20)}m_{110}^{(11)}m_{110}^{(22)}m_{002}^{(10)}-m_{100}^{(20)}m_{110}^{(11)}m_{101}^{(10)}m_{011}^{(22)}+2m_{100}^{(20)}m_{110}^{(11)}m_{101}^{(11)}m_{002}^{(20)}\\
&+m_{100}^{(20)}m_{110}^{(11)}m_{101}^{(20)}m_{020}^{(22)}-2m_{100}^{(20)}m_{110}^{(11)}m_{101}^{(20)}m_{002}^{(11)}-m_{100}^{(20)}m_{110}^{(11)}m_{101}^{(21)}m_{011}^{(20)}\\
&+m_{100}^{(20)}m_{110}^{(11)}m_{101}^{(22)}m_{020}^{(20)}-m_{100}^{(20)}m_{110}^{(11)}m_{020}^{(00)}m_{002}^{(22)}-m_{100}^{(20)}m_{110}^{(11)}m_{020}^{(20)}m_{002}^{(20)}\\
&+m_{100}^{(20)}m_{110}^{(11)}m_{011}^{(00)}m_{011}^{(22)}+2m_{100}^{(20)}m_{110}^{(11)}m_{011}^{(10)}m_{002}^{(20)}+m_{100}^{(20)}m_{110}^{(11)}(m_{011}^{(20)})^2
\end{aligned}
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\begin{aligned}
&-2m_{100}^{(20)}m_{110}^{(11)}m_{011}^{(20)}m_{002}^{(10)} - 3m_{100}^{(20)}m_{110}^{(20)}m_{110}^{(21)}m_{011}^{(21)} - m_{100}^{(20)}m_{110}^{(20)}m_{110}^{(21)}m_{002}^{(11)}\\
&+2m_{100}^{(20)}m_{110}^{(20)}m_{110}^{(22)}m_{011}^{(11)} - m_{100}^{(20)}m_{110}^{(20)}m_{101}^{(11)}m_{011}^{(21)} + 3m_{100}^{(20)}m_{110}^{(20)}m_{101}^{(21)}m_{020}^{(21)}\\
&-m_{100}^{(20)}m_{110}^{(20)}m_{101}^{(21)}m_{011}^{(11)} - m_{100}^{(20)}m_{110}^{(20)}m_{101}^{(22)}m_{020}^{(11)} - 2m_{100}^{(20)}m_{110}^{(20)}m_{020}^{(10)}m_{002}^{(21)}\\
&+m_{100}^{(20)}m_{110}^{(20)}m_{020}^{(11)}m_{002}^{(20)} - m_{100}^{(20)}m_{110}^{(20)}m_{020}^{(21)}m_{002}^{(10)} + 3m_{100}^{(20)}m_{110}^{(20)}m_{011}^{(10)}m_{011}^{(21)}\\
&+2m_{100}^{(20)}m_{110}^{(20)}m_{011}^{(10)}m_{002}^{(11)} - m_{100}^{(20)}m_{110}^{(20)}m_{011}^{(11)}m_{011}^{(20)} - 2m_{100}^{(20)}m_{110}^{(20)}m_{011}^{(11)}m_{002}^{(10)}\\
&+3m_{100}^{(20)}(m_{110}^{(21)})^2m_{011}^{(20)} + m_{100}^{(20)}(m_{110}^{(21)})^2m_{002}^{(10)} - 2m_{100}^{(20)}m_{110}^{(21)}m_{110}^{(22)}m_{011}^{(10)}\\
&+2m_{100}^{(20)}m_{110}^{(21)}m_{101}^{(10)}m_{002}^{(11)} + m_{100}^{(20)}m_{110}^{(21)}m_{101}^{(11)}m_{011}^{(20)} - 2m_{100}^{(20)}m_{110}^{(21)}m_{101}^{(11)}m_{002}^{(10)}\\
&+2m_{100}^{(20)}m_{110}^{(21)}m_{101}^{(20)}m_{011}^{(11)} - 3m_{100}^{(20)}m_{110}^{(21)}m_{101}^{(21)}m_{020}^{(20)} - m_{100}^{(20)}m_{110}^{(21)}m_{101}^{(21)}m_{011}^{(10)}\\
&+m_{100}^{(20)}m_{110}^{(21)}m_{101}^{(22)}m_{020}^{(10)} + 2m_{100}^{(20)}m_{110}^{(21)}m_{020}^{(00)}m_{002}^{(21)} - m_{100}^{(20)}m_{110}^{(21)}m_{020}^{(10)}m_{002}^{(20)}\\
&+m_{100}^{(20)}m_{110}^{(21)}m_{020}^{(20)}m_{002}^{(10)} - 2m_{100}^{(20)}m_{110}^{(21)}m_{011}^{(00)}m_{011}^{(21)} - m_{100}^{(20)}m_{110}^{(22)}m_{101}^{(10)}m_{011}^{(11)}\\
&+m_{100}^{(20)}m_{110}^{(22)}m_{101}^{(11)}m_{011}^{(10)} - m_{100}^{(20)}m_{110}^{(22)}m_{101}^{(20)}m_{020}^{(11)} + m_{100}^{(20)}m_{110}^{(22)}m_{101}^{(21)}m_{020}^{(10)}\\
&-m_{100}^{(20)}m_{110}^{(22)}m_{020}^{(00)}m_{002}^{(11)} + m_{100}^{(20)}m_{110}^{(22)}m_{020}^{(10)}m_{002}^{(10)} + m_{100}^{(20)}m_{110}^{(22)}m_{011}^{(00)}m_{011}^{(11)}\\
&-m_{100}^{(20)}m_{110}^{(22)}(m_{011}^{(10)})^2 + 2m_{100}^{(20)}m_{101}^{(10)}m_{101}^{(11)}m_{011}^{(21)} - 4m_{100}^{(20)}m_{101}^{(10)}m_{101}^{(21)}m_{011}^{(11)}\\
&+2m_{100}^{(20)}m_{101}^{(10)}m_{101}^{(22)}m_{020}^{(11)} - m_{100}^{(20)}m_{101}^{(10)}m_{020}^{(10)}m_{011}^{(22)} + 2m_{100}^{(20)}m_{101}^{(10)}m_{020}^{(10)}m_{002}^{(21)}\\
&-2m_{100}^{(20)}m_{101}^{(10)}m_{020}^{(11)}m_{002}^{(20)} - m_{100}^{(20)}m_{101}^{(10)}m_{020}^{(20)}m_{011}^{(21)} - 2m_{100}^{(20)}m_{101}^{(10)}m_{020}^{(20)}m_{002}^{(11)}\\
&+m_{100}^{(20)}m_{101}^{(10)}m_{020}^{(21)}m_{011}^{(20)} + m_{100}^{(20)}m_{101}^{(10)}m_{020}^{(22)}m_{011}^{(10)} - 2m_{100}^{(20)}m_{101}^{(10)}m_{011}^{(10)}m_{011}^{(21)}\\
&+4m_{100}^{(20)}m_{101}^{(10)}m_{011}^{(11)}m_{011}^{(20)} - 2m_{100}^{(20)}(m_{101}^{(11)})^2m_{011}^{(20)} - 2m_{100}^{(20)}m_{101}^{(11)}m_{101}^{(20)}m_{020}^{(21)}\\
&+2m_{100}^{(20)}m_{101}^{(11)}m_{101}^{(20)}m_{011}^{(11)} + 2m_{100}^{(20)}m_{101}^{(11)}m_{101}^{(21)}m_{020}^{(20)} + 2m_{100}^{(20)}m_{101}^{(11)}m_{101}^{(21)}m_{011}^{(10)}\\
&-2m_{100}^{(20)}m_{101}^{(11)}m_{101}^{(22)}m_{020}^{(10)} + m_{100}^{(20)}m_{101}^{(11)}m_{020}^{(00)}m_{011}^{(22)} + 2m_{100}^{(20)}m_{101}^{(11)}m_{020}^{(20)}m_{002}^{(10)}\\
&-m_{100}^{(20)}m_{101}^{(11)}m_{020}^{(22)}m_{011}^{(00)} - 2m_{100}^{(20)}m_{101}^{(11)}m_{011}^{(10)}m_{011}^{(20)} + m_{100}^{(20)}m_{101}^{(20)}m_{020}^{(10)}m_{011}^{(21)}\\
&-m_{100}^{(20)}m_{101}^{(20)}m_{020}^{(11)}m_{011}^{(20)} + 2m_{100}^{(20)}m_{101}^{(20)}m_{020}^{(11)}m_{002}^{(10)} + m_{100}^{(20)}m_{101}^{(20)}m_{020}^{(20)}m_{011}^{(11)}\\
&-m_{100}^{(20)}m_{101}^{(20)}m_{020}^{(21)}m_{011}^{(10)} - 2m_{100}^{(20)}m_{101}^{(20)}m_{011}^{(10)}m_{011}^{(11)} - 2m_{100}^{(20)}m_{101}^{(21)}m_{020}^{(00)}m_{011}^{(21)}\\
&+2m_{100}^{(20)}m_{101}^{(21)}m_{020}^{(10)}m_{011}^{(20)} - 2m_{100}^{(20)}m_{101}^{(21)}m_{020}^{(10)}m_{002}^{(10)} - 2m_{100}^{(20)}m_{101}^{(21)}m_{020}^{(20)}m_{011}^{(10)}\\
&+2m_{100}^{(20)}m_{101}^{(21)}m_{020}^{(21)}m_{011}^{(00)} + 2m_{100}^{(20)}m_{101}^{(21)}(m_{011}^{(10)})^2 + m_{100}^{(20)}m_{101}^{(22)}m_{020}^{(00)}m_{011}^{(11)}\\
&-m_{100}^{(20)}m_{101}^{(22)}m_{020}^{(11)}m_{011}^{(00)} + m_{100}^{(21)}m_{200}^{(10)}m_{020}^{(10)}m_{002}^{(22)} + m_{100}^{(21)}m_{200}^{(10)}m_{020}^{(20)}m_{002}^{(21)}\\
&-2m_{100}^{(21)}m_{200}^{(10)}m_{020}^{(21)}m_{002}^{(20)} - m_{100}^{(21)}m_{200}^{(10)}m_{011}^{(10)}m_{011}^{(22)} - 3m_{100}^{(21)}m_{200}^{(10)}m_{011}^{(10)}m_{002}^{(21)}\\
&+m_{100}^{(21)}m_{200}^{(10)}m_{011}^{(11)}m_{002}^{(20)} + m_{100}^{(21)}m_{200}^{(10)}m_{011}^{(20)}m_{011}^{(21)} - m_{100}^{(21)}m_{200}^{(10)}m_{011}^{(20)}m_{002}^{(11)}\\
&+3m_{100}^{(21)}m_{200}^{(10)}m_{011}^{(21)}m_{002}^{(10)} - m_{100}^{(21)}m_{200}^{(11)}m_{020}^{(00)}m_{002}^{(22)} + m_{100}^{(21)}m_{200}^{(11)}m_{020}^{(20)}m_{002}^{(20)}\\
&+m_{100}^{(21)}m_{200}^{(11)}m_{011}^{(00)}m_{011}^{(22)} + m_{100}^{(21)}m_{200}^{(11)}m_{011}^{(00)}m_{002}^{(21)} + m_{100}^{(21)}m_{200}^{(11)}m_{011}^{(10)}m_{002}^{(20)}\\
&-m_{100}^{(21)}m_{200}^{(11)}(m_{011}^{(20)})^2 - m_{100}^{(21)}m_{200}^{(11)}m_{011}^{(20)}m_{002}^{(10)} - m_{100}^{(21)}m_{200}^{(11)}m_{011}^{(21)}m_{002}^{(00)}\\
&-m_{100}^{(21)}m_{200}^{(20)}m_{020}^{(10)}m_{011}^{(22)} + 2m_{100}^{(21)}m_{200}^{(20)}m_{020}^{(10)}m_{002}^{(21)} - m_{100}^{(21)}m_{200}^{(20)}m_{020}^{(11)}m_{002}^{(20)}\\
&-3m_{100}^{(21)}m_{200}^{(20)}m_{020}^{(20)}m_{011}^{(21)} + 3m_{100}^{(21)}m_{200}^{(20)}m_{020}^{(21)}m_{011}^{(20)} - m_{100}^{(21)}m_{200}^{(20)}m_{020}^{(21)}m_{002}^{(10)}\\
&+m_{100}^{(21)}m_{200}^{(20)}m_{020}^{(22)}m_{011}^{(10)} - m_{100}^{(21)}m_{200}^{(20)}m_{011}^{(10)}m_{011}^{(21)} + m_{100}^{(21)}m_{200}^{(20)}m_{011}^{(11)}m_{011}^{(20)}\\
&+m_{100}^{(21)}m_{200}^{(21)}m_{020}^{(00)}m_{011}^{(22)} - m_{100}^{(21)}m_{200}^{(21)}m_{020}^{(00)}m_{002}^{(21)} + m_{100}^{(21)}m_{200}^{(21)}m_{020}^{(21)}m_{002}^{(00)}\\
&-m_{100}^{(21)}m_{200}^{(21)}m_{020}^{(22)}m_{011}^{(00)} + m_{100}^{(21)}m_{200}^{(21)}m_{011}^{(00)}m_{002}^{(11)} - m_{100}^{(21)}m_{200}^{(21)}m_{011}^{(11)}m_{002}^{(00)}\\
&+m_{100}^{(21)}m_{200}^{(22)}m_{020}^{(00)}m_{011}^{(21)} - m_{100}^{(21)}m_{200}^{(22)}m_{020}^{(10)}m_{011}^{(20)} - m_{100}^{(21)}m_{200}^{(22)}m_{020}^{(10)}m_{002}^{(10)}\\
&+m_{100}^{(21)}m_{200}^{(22)}m_{020}^{(11)}m_{002}^{(00)} + m_{100}^{(21)}m_{200}^{(22)}m_{020}^{(20)}m_{011}^{(10)} - m_{100}^{(21)}m_{200}^{(22)}m_{020}^{(21)}m_{011}^{(00)}\\
&-m_{100}^{(21)}m_{200}^{(22)}m_{011}^{(00)}m_{011}^{(11)} + m_{100}^{(21)}m_{200}^{(22)}(m_{011}^{(10)})^2 + m_{100}^{(21)}m_{110}^{(00)}m_{110}^{(11)}m_{002}^{(22)}
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\begin{aligned}
&-m_{100}^{(21)}m_{110}^{(00)}m_{110}^{(21)}m_{011}^{(22)}+m_{100}^{(21)}m_{110}^{(00)}m_{110}^{(21)}m_{002}^{(21)}-m_{100}^{(21)}m_{110}^{(00)}m_{110}^{(22)}m_{011}^{(21)}\\
&-m_{100}^{(21)}m_{110}^{(00)}m_{101}^{(11)}m_{011}^{(22)}+m_{100}^{(21)}m_{110}^{(00)}m_{101}^{(21)}m_{020}^{(22)}-m_{100}^{(21)}m_{110}^{(00)}m_{101}^{(21)}m_{011}^{(21)}\\
&+m_{100}^{(21)}m_{110}^{(00)}m_{101}^{(22)}m_{020}^{(21)}-2m_{100}^{(21)}m_{110}^{(00)}m_{020}^{(10)}m_{002}^{(22)}+m_{100}^{(21)}m_{110}^{(00)}m_{020}^{(21)}m_{002}^{(20)}\\
&-m_{100}^{(21)}m_{110}^{(00)}m_{020}^{(22)}m_{002}^{(10)}+3m_{100}^{(21)}m_{110}^{(00)}m_{011}^{(10)}m_{011}^{(22)}+m_{100}^{(21)}m_{110}^{(00)}m_{011}^{(10)}m_{002}^{(21)}\\
&-m_{100}^{(21)}m_{110}^{(00)}m_{011}^{(11)}m_{002}^{(20)}-m_{100}^{(21)}m_{110}^{(00)}m_{011}^{(20)}m_{011}^{(21)}+m_{100}^{(21)}m_{110}^{(00)}m_{011}^{(20)}m_{002}^{(11)}\\
&-m_{100}^{(21)}m_{110}^{(00)}m_{011}^{(21)}m_{002}^{(10)}-m_{100}^{(21)}(m_{110}^{(10)})^2m_{002}^{(22)}+m_{100}^{(21)}m_{110}^{(10)}m_{110}^{(20)}m_{011}^{(22)}\\
&-3m_{100}^{(21)}m_{110}^{(10)}m_{110}^{(20)}m_{002}^{(21)}+2m_{100}^{(21)}m_{110}^{(10)}m_{110}^{(21)}m_{002}^{(20)}+m_{100}^{(21)}m_{110}^{(10)}m_{110}^{(22)}m_{011}^{(20)}\\
&+m_{100}^{(21)}m_{110}^{(10)}m_{110}^{(22)}m_{002}^{(10)}+m_{100}^{(21)}m_{110}^{(10)}m_{101}^{(10)}m_{011}^{(22)}+3m_{100}^{(21)}m_{110}^{(10)}m_{101}^{(10)}m_{002}^{(21)}\\
&-m_{100}^{(21)}m_{110}^{(10)}m_{101}^{(11)}m_{002}^{(20)}-m_{100}^{(21)}m_{110}^{(10)}m_{101}^{(20)}m_{020}^{(22)}+m_{100}^{(21)}m_{110}^{(10)}m_{101}^{(20)}m_{011}^{(11)}\\
&+m_{100}^{(21)}m_{110}^{(10)}m_{101}^{(21)}m_{011}^{(20)}-3m_{100}^{(21)}m_{110}^{(10)}m_{101}^{(21)}m_{002}^{(10)}-m_{100}^{(21)}m_{110}^{(10)}m_{101}^{(22)}m_{020}^{(20)}\\
&+2m_{100}^{(21)}m_{110}^{(10)}m_{020}^{(00)}m_{002}^{(22)}-m_{100}^{(21)}m_{110}^{(10)}m_{020}^{(20)}m_{002}^{(20)}+m_{100}^{(21)}m_{110}^{(10)}m_{020}^{(22)}m_{002}^{(00)}\\
&-3m_{100}^{(21)}m_{110}^{(10)}m_{011}^{(00)}m_{011}^{(22)}+m_{100}^{(21)}m_{110}^{(10)}m_{011}^{(00)}m_{002}^{(21)}+m_{100}^{(21)}m_{110}^{(10)}m_{011}^{(10)}m_{002}^{(20)}\\
&+m_{100}^{(21)}m_{110}^{(10)}(m_{011}^{(20)})^2-m_{100}^{(21)}m_{110}^{(10)}m_{011}^{(20)}m_{002}^{(10)}-m_{100}^{(21)}m_{110}^{(10)}m_{011}^{(21)}m_{002}^{(00)}\\
&-m_{100}^{(21)}m_{110}^{(11)}m_{110}^{(22)}m_{002}^{(00)}-m_{100}^{(21)}m_{110}^{(11)}m_{101}^{(00)}m_{002}^{(21)}-m_{100}^{(21)}m_{110}^{(11)}m_{101}^{(10)}m_{002}^{(20)}\\
&+m_{100}^{(21)}m_{110}^{(11)}m_{101}^{(20)}m_{002}^{(10)}+m_{100}^{(21)}m_{110}^{(11)}m_{101}^{(21)}m_{002}^{(00)}-2m_{100}^{(21)}m_{110}^{(11)}m_{011}^{(00)}m_{002}^{(20)}\\
&+2m_{100}^{(21)}m_{110}^{(11)}m_{011}^{(20)}m_{002}^{(00)}+3m_{100}^{(21)}(m_{110}^{(20)})^2m_{011}^{(21)}-3m_{100}^{(21)}m_{110}^{(20)}m_{110}^{(21)}m_{011}^{(20)}\\
&+m_{100}^{(21)}m_{110}^{(20)}m_{110}^{(21)}m_{002}^{(10)}-2m_{100}^{(21)}m_{110}^{(20)}m_{110}^{(22)}m_{011}^{(10)}+m_{100}^{(21)}m_{110}^{(20)}m_{101}^{(11)}m_{011}^{(20)}\\
&-3m_{100}^{(21)}m_{110}^{(20)}m_{101}^{(20)}m_{020}^{(21)}-m_{100}^{(21)}m_{110}^{(20)}m_{101}^{(20)}m_{011}^{(11)}+2m_{100}^{(21)}m_{110}^{(20)}m_{101}^{(21)}m_{011}^{(10)}\\
&+m_{100}^{(21)}m_{110}^{(20)}m_{101}^{(22)}m_{020}^{(10)}+m_{100}^{(21)}m_{110}^{(20)}m_{020}^{(10)}m_{002}^{(20)}+m_{100}^{(21)}m_{110}^{(20)}m_{020}^{(21)}m_{002}^{(00)}\\
&-m_{100}^{(21)}m_{110}^{(20)}m_{011}^{(00)}m_{011}^{(21)}-m_{100}^{(21)}m_{110}^{(20)}m_{011}^{(00)}m_{002}^{(11)}-m_{100}^{(21)}m_{110}^{(20)}m_{011}^{(10)}m_{011}^{(20)}\\
&+m_{100}^{(21)}m_{110}^{(20)}m_{011}^{(11)}m_{002}^{(00)}-m_{100}^{(21)}(m_{110}^{(21)})^2m_{002}^{(00)}+2m_{100}^{(21)}m_{110}^{(21)}m_{110}^{(22)}m_{011}^{(00)}\\
&+m_{100}^{(21)}m_{110}^{(21)}m_{101}^{(00)}m_{011}^{(21)}-m_{100}^{(21)}m_{110}^{(21)}m_{101}^{(00)}m_{002}^{(11)}-2m_{100}^{(21)}m_{110}^{(21)}m_{101}^{(10)}m_{011}^{(20)}\\
&+m_{100}^{(21)}m_{110}^{(21)}m_{101}^{(11)}m_{002}^{(00)}+3m_{100}^{(21)}m_{110}^{(21)}m_{101}^{(20)}m_{020}^{(20)}-m_{100}^{(21)}m_{110}^{(21)}m_{101}^{(20)}m_{011}^{(10)}\\
&-m_{100}^{(21)}m_{110}^{(21)}m_{101}^{(22)}m_{020}^{(00)}-m_{100}^{(21)}m_{110}^{(21)}m_{020}^{(00)}m_{002}^{(20)}-m_{100}^{(21)}m_{110}^{(21)}m_{020}^{(20)}m_{002}^{(00)}\\
&+2m_{100}^{(21)}m_{110}^{(21)}m_{011}^{(00)}m_{011}^{(20)}+m_{100}^{(21)}m_{110}^{(22)}m_{101}^{(00)}m_{011}^{(11)}-m_{100}^{(21)}m_{110}^{(22)}m_{101}^{(10)}m_{011}^{(10)}\\
&+m_{100}^{(21)}m_{110}^{(22)}m_{101}^{(20)}m_{020}^{(10)}-m_{100}^{(21)}m_{110}^{(22)}m_{101}^{(21)}m_{020}^{(00)}+m_{100}^{(21)}m_{110}^{(22)}m_{020}^{(00)}m_{002}^{(10)}\\
&-m_{100}^{(21)}m_{110}^{(22)}m_{020}^{(10)}m_{002}^{(00)}+m_{100}^{(21)}m_{101}^{(00)}m_{101}^{(11)}m_{011}^{(21)}-m_{100}^{(21)}m_{101}^{(00)}m_{101}^{(21)}m_{020}^{(21)}\\
&+m_{100}^{(21)}m_{101}^{(00)}m_{101}^{(21)}m_{011}^{(11)}-m_{100}^{(21)}m_{101}^{(00)}m_{101}^{(22)}m_{020}^{(11)}+m_{100}^{(21)}m_{101}^{(00)}m_{101}^{(10)}m_{020}^{(22)}\\
&-m_{100}^{(21)}m_{101}^{(00)}m_{020}^{(10)}m_{002}^{(21)}+2m_{100}^{(21)}m_{101}^{(00)}m_{020}^{(11)}m_{002}^{(20)}+m_{100}^{(21)}m_{101}^{(00)}m_{020}^{(20)}m_{011}^{(21)}\\
&+m_{100}^{(21)}m_{101}^{(00)}m_{020}^{(20)}m_{002}^{(11)}-m_{100}^{(21)}m_{101}^{(00)}m_{020}^{(21)}m_{011}^{(20)}-m_{100}^{(21)}m_{101}^{(00)}m_{020}^{(22)}m_{011}^{(10)}\\
&+m_{100}^{(21)}m_{101}^{(00)}m_{011}^{(10)}m_{011}^{(21)}-3m_{100}^{(21)}m_{101}^{(00)}m_{011}^{(11)}m_{011}^{(20)}-3m_{100}^{(21)}(m_{101}^{(10)})^2m_{011}^{(21)}\\
&+2m_{100}^{(21)}m_{101}^{(10)}m_{101}^{(11)}m_{011}^{(20)}+3m_{100}^{(21)}m_{101}^{(10)}m_{101}^{(20)}m_{020}^{(21)}-m_{100}^{(21)}m_{101}^{(10)}m_{101}^{(20)}m_{011}^{(11)}\\
&-m_{100}^{(21)}m_{101}^{(10)}m_{101}^{(21)}m_{020}^{(20)}+3m_{100}^{(21)}m_{101}^{(10)}m_{101}^{(21)}m_{011}^{(10)}-m_{100}^{(21)}m_{101}^{(10)}m_{020}^{(00)}m_{011}^{(22)}\\
&-m_{100}^{(21)}m_{101}^{(10)}m_{020}^{(21)}m_{002}^{(00)}-m_{100}^{(21)}m_{101}^{(10)}m_{020}^{(10)}m_{002}^{(20)}+m_{100}^{(21)}m_{101}^{(10)}m_{020}^{(22)}m_{011}^{(00)}\\
&+m_{100}^{(21)}m_{101}^{(10)}m_{011}^{(00)}m_{011}^{(21)}+m_{100}^{(21)}m_{101}^{(10)}m_{011}^{(10)}m_{011}^{(20)}-m_{100}^{(21)}m_{101}^{(11)}m_{101}^{(20)}m_{020}^{(20)}\\
&-m_{100}^{(21)}m_{101}^{(11)}m_{101}^{(20)}m_{011}^{(10)}-2m_{100}^{(21)}m_{101}^{(11)}m_{101}^{(21)}m_{011}^{(00)}+m_{100}^{(21)}m_{101}^{(11)}m_{101}^{(22)}m_{020}^{(00)}\\
&+m_{100}^{(21)}m_{101}^{(11)}m_{020}^{(00)}m_{002}^{(20)}-m_{100}^{(21)}m_{101}^{(11)}m_{020}^{(20)}m_{002}^{(00)}+m_{100}^{(21)}(m_{101}^{(20)})^2m_{020}^{(11)}\\
&-2m_{100}^{(21)}m_{101}^{(20)}m_{101}^{(21)}m_{020}^{(10)}+m_{100}^{(21)}m_{101}^{(20)}m_{020}^{(00)}m_{011}^{(21)}-m_{100}^{(21)}m_{101}^{(20)}m_{020}^{(00)}m_{002}^{(11)}
\end{aligned}
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\begin{aligned}
&-m_{100}^{(21)}m_{101}^{(20)}m_{020}^{(10)}m_{011}^{(20)}+m_{100}^{(21)}m_{101}^{(20)}m_{020}^{(10)}m_{002}^{(10)}-2m_{100}^{(21)}m_{101}^{(20)}m_{020}^{(11)}m_{002}^{(00)}\\
&+m_{100}^{(21)}m_{101}^{(20)}m_{020}^{(20)}m_{011}^{(10)}-m_{100}^{(21)}m_{101}^{(20)}m_{020}^{(21)}m_{011}^{(00)}+3m_{100}^{(21)}m_{101}^{(20)}m_{020}^{(00)}m_{011}^{(11)}\\
&-m_{100}^{(21)}m_{101}^{(20)}(m_{011}^{(10)})^2+m_{100}^{(21)}(m_{101}^{(21)})^2m_{020}^{(00)}+m_{100}^{(21)}m_{101}^{(21)}m_{020}^{(00)}m_{002}^{(10)}\\
&+m_{100}^{(21)}m_{101}^{(21)}m_{020}^{(10)}m_{002}^{(00)}-2m_{100}^{(21)}m_{101}^{(21)}m_{011}^{(00)}m_{011}^{(10)}-2m_{100}^{(21)}m_{101}^{(22)}m_{020}^{(00)}m_{011}^{(10)}\\
&+2m_{100}^{(21)}m_{101}^{(22)}m_{020}^{(10)}m_{011}^{(00)}-m_{100}^{(22)}m_{200}^{(10)}m_{020}^{(10)}m_{002}^{(21)}+m_{100}^{(22)}m_{200}^{(10)}m_{020}^{(11)}m_{002}^{(20)}\\
&+m_{100}^{(22)}m_{200}^{(10)}m_{011}^{(10)}m_{011}^{(21)}+2m_{100}^{(22)}m_{200}^{(10)}m_{011}^{(10)}m_{002}^{(11)}-m_{100}^{(22)}m_{200}^{(10)}m_{011}^{(11)}m_{011}^{(20)}\\
&-2m_{100}^{(22)}m_{200}^{(10)}m_{011}^{(11)}m_{002}^{(10)}+m_{100}^{(22)}m_{200}^{(11)}m_{020}^{(00)}m_{002}^{(21)}-m_{100}^{(22)}m_{200}^{(11)}m_{020}^{(10)}m_{002}^{(20)}\\
&-m_{100}^{(22)}m_{200}^{(11)}m_{011}^{(00)}m_{011}^{(21)}-m_{100}^{(22)}m_{200}^{(11)}m_{011}^{(00)}m_{002}^{(11)}+m_{100}^{(22)}m_{200}^{(11)}m_{011}^{(10)}m_{011}^{(20)}\\
&+m_{100}^{(22)}m_{200}^{(11)}m_{011}^{(11)}m_{002}^{(00)}+m_{100}^{(22)}m_{200}^{(20)}m_{020}^{(10)}m_{011}^{(21)}-m_{100}^{(22)}m_{200}^{(20)}m_{020}^{(10)}m_{002}^{(11)}\\
&-m_{100}^{(22)}m_{200}^{(20)}m_{020}^{(11)}m_{011}^{(20)}+m_{100}^{(22)}m_{200}^{(20)}m_{020}^{(11)}m_{002}^{(10)}+m_{100}^{(22)}m_{200}^{(20)}m_{020}^{(20)}m_{011}^{(11)}\\
&-m_{100}^{(22)}m_{200}^{(20)}m_{020}^{(21)}m_{011}^{(10)}-m_{100}^{(22)}m_{200}^{(21)}m_{020}^{(00)}m_{011}^{(21)}+m_{100}^{(22)}m_{200}^{(21)}m_{020}^{(10)}m_{011}^{(20)}\\
&+m_{100}^{(22)}m_{200}^{(21)}m_{020}^{(10)}m_{002}^{(10)}-m_{100}^{(22)}m_{200}^{(21)}m_{020}^{(11)}m_{002}^{(00)}-m_{100}^{(22)}m_{200}^{(21)}m_{020}^{(20)}m_{011}^{(10)}\\
&+m_{100}^{(22)}m_{200}^{(21)}m_{020}^{(00)}m_{011}^{(21)}+m_{100}^{(22)}m_{200}^{(21)}m_{011}^{(00)}m_{011}^{(11)}-m_{100}^{(22)}m_{200}^{(21)}(m_{011}^{(10)})^2\\
&-m_{100}^{(22)}m_{110}^{(00)}m_{110}^{(11)}m_{002}^{(21)}+m_{100}^{(22)}m_{110}^{(00)}m_{110}^{(21)}m_{011}^{(21)}+m_{100}^{(22)}m_{110}^{(00)}m_{101}^{(11)}m_{011}^{(21)}\\
&-m_{100}^{(22)}m_{110}^{(00)}m_{101}^{(21)}m_{020}^{(21)}+2m_{100}^{(22)}m_{110}^{(00)}m_{020}^{(10)}m_{002}^{(21)}-m_{100}^{(22)}m_{110}^{(00)}m_{020}^{(11)}m_{002}^{(20)}\\
&-m_{100}^{(22)}m_{110}^{(00)}m_{020}^{(20)}m_{002}^{(11)}+m_{100}^{(22)}m_{110}^{(00)}m_{020}^{(21)}m_{002}^{(10)}-3m_{100}^{(22)}m_{110}^{(00)}m_{011}^{(10)}m_{011}^{(21)}\\
&-m_{100}^{(22)}m_{110}^{(00)}m_{011}^{(10)}m_{002}^{(11)}+2m_{100}^{(22)}m_{110}^{(00)}m_{011}^{(11)}m_{011}^{(20)}+m_{100}^{(22)}m_{110}^{(00)}m_{011}^{(11)}m_{002}^{(10)}\\
&+m_{100}^{(22)}(m_{110}^{(10)})^2m_{002}^{(21)}-m_{100}^{(22)}m_{110}^{(10)}m_{110}^{(20)}m_{011}^{(21)}+m_{100}^{(22)}m_{110}^{(10)}m_{110}^{(20)}m_{002}^{(11)}\\
&-m_{100}^{(22)}m_{110}^{(10)}m_{110}^{(21)}m_{011}^{(20)}-m_{100}^{(22)}m_{110}^{(10)}m_{110}^{(21)}m_{002}^{(10)}-m_{100}^{(22)}m_{110}^{(10)}m_{110}^{(10)}m_{101}^{(21)}m_{011}\\
&-2m_{100}^{(22)}m_{110}^{(10)}m_{101}^{(10)}m_{002}^{(11)}-m_{100}^{(22)}m_{110}^{(10)}m_{101}^{(11)}m_{011}^{(20)}+2m_{100}^{(22)}m_{110}^{(10)}m_{101}^{(11)}m_{002}^{(10)}\\
&+m_{100}^{(22)}m_{110}^{(10)}m_{101}^{(20)}m_{020}^{(21)}+m_{100}^{(22)}m_{110}^{(10)}m_{101}^{(21)}m_{020}^{(20)}-2m_{100}^{(22)}m_{110}^{(10)}m_{020}^{(00)}m_{002}^{(21)}\\
&+m_{100}^{(22)}m_{110}^{(10)}m_{020}^{(20)}m_{002}^{(10)}-m_{100}^{(22)}m_{110}^{(10)}m_{020}^{(21)}m_{002}^{(00)}+3m_{100}^{(22)}m_{110}^{(10)}m_{011}^{(00)}m_{011}^{(21)}\\
&-m_{100}^{(22)}m_{110}^{(10)}m_{011}^{(10)}m_{011}^{(20)}+m_{100}^{(22)}m_{110}^{(11)}m_{110}^{(20)}m_{011}^{(20)}-m_{100}^{(22)}m_{110}^{(11)}m_{110}^{(20)}m_{002}^{(10)}\\
&+m_{100}^{(22)}m_{110}^{(11)}m_{110}^{(21)}m_{002}^{(00)}+m_{100}^{(22)}m_{110}^{(11)}m_{101}^{(00)}m_{002}^{(11)}+m_{100}^{(22)}m_{110}^{(11)}m_{101}^{(10)}m_{011}^{(20)}\\
&-m_{100}^{(22)}m_{110}^{(11)}m_{101}^{(11)}m_{002}^{(00)}-m_{100}^{(22)}m_{110}^{(11)}m_{101}^{(20)}m_{020}^{(20)}+m_{100}^{(22)}m_{110}^{(11)}m_{101}^{(00)}m_{020}^{(20)}\\
&-m_{100}^{(22)}m_{110}^{(11)}m_{011}^{(00)}m_{011}^{(20)}+m_{100}^{(22)}m_{110}^{(11)}m_{011}^{(00)}m_{002}^{(10)}-m_{100}^{(22)}m_{110}^{(11)}m_{011}^{(10)}m_{011}^{(00)}\\
&-m_{100}^{(22)}(m_{110}^{(20)})^2m_{011}^{(11)}+2m_{100}^{(22)}m_{110}^{(20)}m_{110}^{(21)}m_{011}^{(10)}+m_{100}^{(22)}m_{110}^{(20)}m_{101}^{(11)}m_{011}^{(10)}\\
&-m_{100}^{(22)}m_{110}^{(20)}m_{101}^{(11)}m_{011}^{(10)}+m_{100}^{(22)}m_{110}^{(20)}m_{101}^{(20)}m_{020}^{(11)}-m_{100}^{(22)}m_{110}^{(20)}m_{101}^{(21)}m_{020}^{(10)}\\
&+m_{100}^{(22)}m_{110}^{(20)}m_{020}^{(00)}m_{002}^{(11)}-m_{100}^{(22)}m_{110}^{(20)}m_{020}^{(10)}m_{002}^{(10)}-m_{100}^{(22)}m_{110}^{(20)}m_{011}^{(00)}m_{011}^{(11)}\\
&+m_{100}^{(22)}m_{110}^{(20)}(m_{011}^{(10)})^2-m_{100}^{(22)}(m_{110}^{(21)})^2m_{011}^{(00)}-m_{100}^{(22)}m_{110}^{(21)}m_{101}^{(00)}m_{011}^{(11)}\\
&+m_{100}^{(22)}m_{110}^{(21)}m_{101}^{(10)}m_{011}^{(10)}-m_{100}^{(22)}m_{110}^{(21)}m_{101}^{(20)}m_{020}^{(10)}+m_{100}^{(22)}m_{110}^{(21)}m_{101}^{(21)}m_{020}^{(00)}\\
&-m_{100}^{(22)}m_{110}^{(21)}m_{020}^{(00)}m_{002}^{(10)}+m_{100}^{(22)}m_{110}^{(21)}m_{020}^{(10)}m_{002}^{(00)}-m_{100}^{(22)}m_{101}^{(00)}m_{101}^{(11)}m_{011}^{(11)}\\
&+m_{100}^{(22)}m_{101}^{(00)}m_{101}^{(21)}m_{020}^{(11)}-m_{100}^{(22)}m_{101}^{(00)}m_{020}^{(10)}m_{011}^{(21)}-m_{100}^{(22)}m_{101}^{(00)}m_{020}^{(11)}m_{002}^{(10)}\\
&+m_{100}^{(22)}m_{101}^{(00)}m_{020}^{(21)}m_{011}^{(10)}+m_{100}^{(22)}m_{101}^{(00)}m_{011}^{(10)}m_{011}^{(11)}+2m_{100}^{(22)}(m_{101}^{(10)})^2m_{011}^{(11)}\\
&-2m_{100}^{(22)}m_{101}^{(10)}m_{101}^{(11)}m_{011}^{(10)}-2m_{100}^{(22)}m_{101}^{(10)}m_{101}^{(20)}m_{020}^{(11)}+m_{100}^{(22)}m_{101}^{(10)}m_{020}^{(00)}m_{011}^{(21)}\\
&+m_{100}^{(22)}m_{101}^{(10)}m_{020}^{(00)}m_{002}^{(11)}+m_{100}^{(22)}m_{101}^{(10)}m_{020}^{(10)}m_{011}^{(20)}+m_{100}^{(22)}m_{101}^{(10)}m_{020}^{(11)}m_{002}^{(00)}\\
&-m_{100}^{(22)}m_{101}^{(10)}m_{020}^{(20)}m_{011}^{(10)}-m_{100}^{(22)}m_{101}^{(10)}m_{020}^{(21)}m_{011}^{(00)}-2m_{100}^{(22)}m_{101}^{(10)}m_{011}^{(00)}m_{011}^{(11)}\\
&+m_{100}^{(22)}(m_{101}^{(11)})^2m_{011}^{(00)}+2m_{100}^{(22)}m_{101}^{(11)}m_{101}^{(20)}m_{020}^{(10)}-m_{100}^{(22)}m_{101}^{(11)}m_{101}^{(21)}m_{020}^{(00)}
\end{aligned}
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\begin{aligned}
&-m_{100}^{(22)}m_{101}^{(11)}m_{020}^{(00)}m_{011}^{(20)} - m_{100}^{(22)}m_{101}^{(11)}m_{020}^{(00)}m_{002}^{(10)} + m_{100}^{(22)}m_{101}^{(11)}m_{020}^{(20)}m_{011}^{(00)}\\
&+m_{100}^{(22)}m_{101}^{(11)}m_{011}^{(00)}m_{011}^{(10)} - m_{100}^{(22)}m_{101}^{(20)}m_{020}^{(00)}m_{011}^{(11)} + m_{100}^{(22)}m_{101}^{(20)}m_{020}^{(11)}m_{011}^{(00)}\\
&+2m_{100}^{(22)}m_{101}^{(21)}m_{020}^{(00)}m_{011}^{(10)} - 2m_{100}^{(22)}m_{101}^{(21)}m_{020}^{(10)}m_{011}^{(00)} + m_{010}^{(00)}m_{200}^{(10)}m_{020}^{(21)}m_{002}^{(22)}\\
&-m_{010}^{(00)}m_{200}^{(10)}m_{020}^{(22)}m_{002}^{(21)} - m_{010}^{(00)}m_{200}^{(10)}m_{011}^{(22)}m_{002}^{(11)} + m_{010}^{(00)}m_{200}^{(10)}m_{011}^{(22)}m_{002}^{(11)}\\
&+m_{010}^{(00)}m_{200}^{(11)}m_{110}^{(21)}m_{002}^{(22)} - m_{010}^{(00)}m_{200}^{(11)}m_{110}^{(22)}m_{011}^{(22)} - m_{010}^{(00)}m_{200}^{(11)}m_{101}^{(21)}m_{011}^{(22)}\\
&+m_{010}^{(00)}m_{200}^{(11)}m_{101}^{(22)}m_{020}^{(22)} - m_{010}^{(00)}m_{200}^{(11)}m_{020}^{(20)}m_{002}^{(22)} + m_{010}^{(00)}m_{200}^{(11)}m_{011}^{(20)}m_{011}^{(22)}\\
&+m_{010}^{(00)}m_{200}^{(11)}m_{011}^{(20)}m_{002}^{(21)} - m_{010}^{(00)}m_{200}^{(11)}m_{011}^{(21)}m_{002}^{(20)} - m_{010}^{(00)}m_{200}^{(20)}m_{020}^{(21)}m_{002}^{(21)}\\
&+m_{010}^{(00)}m_{200}^{(20)}m_{020}^{(22)}m_{002}^{(11)} - m_{010}^{(00)}m_{200}^{(20)}m_{011}^{(11)}m_{011}^{(22)} + 2m_{010}^{(00)}m_{200}^{(20)}m_{011}^{(11)}m_{002}^{(21)}\\
&+m_{010}^{(00)}m_{200}^{(20)}(m_{011}^{(21)})^2 - 2m_{010}^{(00)}m_{200}^{(20)}m_{011}^{(21)}m_{002}^{(11)} - m_{010}^{(00)}m_{200}^{(21)}m_{110}^{(11)}m_{002}^{(22)}\\
&+2m_{010}^{(00)}m_{200}^{(21)}m_{110}^{(22)}m_{011}^{(21)} - m_{010}^{(00)}m_{200}^{(21)}m_{110}^{(22)}m_{002}^{(11)} + m_{010}^{(00)}m_{200}^{(21)}m_{101}^{(11)}m_{011}^{(22)}\\
&-2m_{010}^{(00)}m_{200}^{(21)}m_{101}^{(22)}m_{020}^{(21)} + m_{010}^{(00)}m_{200}^{(21)}m_{101}^{(22)}m_{011}^{(11)} + m_{010}^{(00)}m_{200}^{(21)}m_{020}^{(10)}m_{002}^{(22)}\\
&+m_{010}^{(00)}m_{200}^{(21)}m_{020}^{(20)}m_{002}^{(21)} - m_{010}^{(00)}m_{200}^{(21)}m_{011}^{(10)}m_{011}^{(22)} - m_{010}^{(00)}m_{200}^{(21)}m_{011}^{(10)}m_{002}^{(21)}\\
&+m_{010}^{(00)}m_{200}^{(21)}m_{011}^{(11)}m_{002}^{(20)} - m_{010}^{(00)}m_{200}^{(21)}m_{011}^{(20)}m_{011}^{(21)} - m_{010}^{(00)}m_{200}^{(21)}m_{011}^{(20)}m_{002}^{(11)}\\
&+m_{010}^{(00)}m_{200}^{(21)}m_{011}^{(21)}m_{002}^{(10)} + m_{010}^{(00)}m_{200}^{(22)}m_{110}^{(11)}m_{011}^{(22)} - 2m_{010}^{(00)}m_{200}^{(22)}m_{110}^{(21)}m_{011}^{(21)}\\
&+m_{010}^{(00)}m_{200}^{(22)}m_{110}^{(21)}m_{002}^{(11)} - m_{010}^{(00)}m_{200}^{(22)}m_{101}^{(11)}m_{020}^{(22)} + 2m_{010}^{(00)}m_{200}^{(22)}m_{101}^{(21)}m_{020}^{(21)}\\
&-m_{010}^{(00)}m_{200}^{(22)}m_{101}^{(21)}m_{011}^{(11)} - m_{010}^{(00)}m_{200}^{(22)}m_{020}^{(10)}m_{002}^{(21)} + m_{010}^{(00)}m_{200}^{(22)}m_{011}^{(10)}m_{011}^{(21)}\\
&+m_{010}^{(00)}m_{200}^{(22)}m_{011}^{(10)}m_{002}^{(11)} - m_{010}^{(00)}m_{200}^{(22)}m_{011}^{(11)}m_{002}^{(10)} - 2m_{010}^{(00)}m_{110}^{(10)}m_{110}^{(21)}m_{002}^{(22)}\\
&+2m_{010}^{(00)}m_{110}^{(10)}m_{110}^{(22)}m_{002}^{(21)} + m_{010}^{(00)}m_{110}^{(10)}m_{101}^{(11)}m_{002}^{(22)} - m_{010}^{(00)}m_{110}^{(10)}m_{101}^{(22)}m_{002}^{(11)}\\
&+m_{010}^{(00)}m_{110}^{(10)}m_{011}^{(10)}m_{002}^{(22)} - m_{010}^{(00)}m_{110}^{(10)}m_{011}^{(20)}m_{002}^{(21)} + m_{010}^{(00)}m_{110}^{(10)}m_{011}^{(21)}m_{002}^{(20)}\\
&-m_{010}^{(00)}m_{110}^{(10)}m_{011}^{(22)}m_{002}^{(10)} + m_{010}^{(00)}m_{110}^{(11)}m_{110}^{(20)}m_{002}^{(22)} - m_{010}^{(00)}m_{110}^{(11)}m_{110}^{(22)}m_{101}^{(22)}\\
&-m_{010}^{(00)}m_{110}^{(11)}m_{101}^{(20)}m_{002}^{(21)} + m_{010}^{(00)}m_{110}^{(11)}m_{101}^{(21)}m_{101}^{(22)} + m_{010}^{(00)}m_{110}^{(11)}m_{101}^{(21)}m_{002}^{(20)}\\
&-m_{010}^{(00)}m_{110}^{(11)}m_{101}^{(22)}m_{011}^{(20)} - m_{010}^{(00)}m_{110}^{(20)}m_{110}^{(22)}m_{002}^{(11)} - 2m_{010}^{(00)}m_{110}^{(20)}m_{101}^{(11)}m_{002}^{(21)}\\
&+2m_{010}^{(00)}m_{110}^{(20)}m_{101}^{(21)}m_{002}^{(11)} - m_{010}^{(00)}m_{110}^{(20)}m_{101}^{(10)}m_{002}^{(21)} - m_{010}^{(00)}m_{110}^{(20)}m_{101}^{(11)}m_{002}^{(20)}\\
&+m_{010}^{(00)}m_{110}^{(20)}m_{011}^{(20)}m_{002}^{(11)} + m_{010}^{(00)}m_{110}^{(20)}m_{011}^{(21)}m_{002}^{(10)} + 2m_{010}^{(00)}(m_{110}^{(21)})^2m_{101}^{(22)}\\
&-2m_{010}^{(00)}m_{110}^{(21)}m_{110}^{(22)}m_{101}^{(21)} + m_{010}^{(00)}m_{110}^{(21)}m_{101}^{(10)}m_{011}^{(22)} + m_{010}^{(00)}m_{110}^{(21)}m_{101}^{(10)}m_{002}^{(21)}\\
&-2m_{010}^{(00)}m_{110}^{(21)}m_{101}^{(11)}m_{101}^{(22)} - m_{010}^{(00)}m_{110}^{(21)}m_{101}^{(11)}m_{002}^{(20)} - m_{010}^{(00)}m_{110}^{(21)}m_{101}^{(20)}m_{011}^{(21)}\\
&+m_{010}^{(00)}m_{110}^{(21)}m_{101}^{(20)}m_{002}^{(11)} + m_{010}^{(00)}m_{110}^{(21)}m_{101}^{(21)}m_{011}^{(20)} - m_{010}^{(00)}m_{110}^{(21)}m_{101}^{(21)}m_{002}^{(10)}\\
&+m_{010}^{(00)}m_{110}^{(21)}m_{101}^{(22)}m_{011}^{(10)} + m_{010}^{(00)}(m_{110}^{(22)})^2m_{101}^{(11)} - m_{010}^{(00)}m_{110}^{(22)}m_{101}^{(10)}m_{011}^{(21)}\\
&-m_{010}^{(00)}m_{110}^{(22)}m_{101}^{(10)}m_{002}^{(11)} + m_{010}^{(00)}m_{110}^{(22)}m_{101}^{(11)}m_{101}^{(21)} + m_{010}^{(00)}m_{110}^{(22)}m_{101}^{(21)}m_{002}^{(10)}\\
&+m_{010}^{(00)}m_{110}^{(22)}m_{101}^{(20)}m_{011}^{(11)} - m_{010}^{(00)}m_{110}^{(22)}m_{101}^{(21)}m_{011}^{(10)} - m_{010}^{(00)}m_{101}^{(10)}m_{101}^{(11)}m_{011}^{(22)}\\
&+m_{010}^{(00)}m_{101}^{(10)}m_{101}^{(21)}m_{020}^{(22)} - m_{010}^{(00)}m_{101}^{(10)}m_{101}^{(21)}m_{011}^{(21)} - m_{010}^{(00)}m_{101}^{(10)}m_{101}^{(22)}m_{020}^{(21)}\\
&+2m_{010}^{(00)}m_{101}^{(10)}m_{101}^{(22)}m_{011}^{(11)} - m_{010}^{(00)}m_{101}^{(10)}m_{020}^{(10)}m_{002}^{(22)} + m_{010}^{(00)}m_{101}^{(10)}m_{020}^{(20)}m_{002}^{(21)}\\
&+m_{010}^{(00)}m_{101}^{(10)}m_{011}^{(10)}m_{011}^{(22)} - m_{010}^{(00)}m_{101}^{(10)}m_{011}^{(20)}m_{011}^{(21)} - m_{010}^{(00)}m_{101}^{(11)}m_{101}^{(20)}m_{020}^{(22)}\\
&+3m_{010}^{(00)}m_{101}^{(11)}m_{101}^{(20)}m_{011}^{(21)} + m_{010}^{(00)}m_{101}^{(11)}m_{101}^{(22)}m_{020}^{(20)} - m_{010}^{(00)}m_{101}^{(11)}m_{101}^{(22)}m_{011}^{(10)}\\
&+m_{010}^{(00)}m_{101}^{(11)}m_{020}^{(20)}m_{002}^{(20)} - m_{010}^{(00)}m_{101}^{(11)}(m_{011}^{(20)})^2 + m_{010}^{(00)}m_{101}^{(20)}m_{101}^{(21)}m_{020}^{(21)}\\
&-3m_{010}^{(00)}m_{101}^{(20)}m_{101}^{(21)}m_{011}^{(11)} + m_{010}^{(00)}m_{101}^{(20)}m_{020}^{(10)}m_{002}^{(21)} - m_{010}^{(00)}m_{101}^{(20)}m_{020}^{(11)}m_{002}^{(11)}\\
&-m_{010}^{(00)}m_{101}^{(20)}m_{011}^{(10)}m_{011}^{(21)} + m_{010}^{(00)}m_{101}^{(20)}m_{011}^{(11)}m_{011}^{(20)} - m_{010}^{(00)}(m_{101}^{(21)})^2m_{020}^{(20)}\\
&+m_{010}^{(00)}(m_{101}^{(21)})^2m_{011}^{(10)} - m_{010}^{(00)}m_{101}^{(21)}m_{020}^{(10)}m_{002}^{(20)} - m_{010}^{(00)}m_{101}^{(21)}m_{020}^{(20)}m_{002}^{(10)}
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\begin{aligned}
&+2m_{010}^{(00)}m_{101}^{(21)}m_{011}^{(10)}m_{011}^{(20)} + m_{010}^{(00)}m_{101}^{(22)}m_{020}^{(10)}m_{002}^{(10)} - m_{010}^{(00)}m_{101}^{(22)}(m_{011}^{(10)})^2 \\
&-m_{010}^{(10)}m_{200}^{(00)}m_{020}^{(21)}m_{002}^{(22)} + m_{010}^{(10)}m_{200}^{(00)}m_{020}^{(22)}m_{002}^{(21)} + m_{010}^{(10)}m_{200}^{(00)}m_{011}^{(11)}m_{002}^{(22)} \\
&-m_{010}^{(10)}m_{200}^{(00)}m_{011}^{(22)}m_{002}^{(11)} - 2m_{010}^{(10)}m_{200}^{(10)}m_{110}^{(21)}m_{002}^{(22)} + 2m_{010}^{(10)}m_{200}^{(10)}m_{110}^{(22)}m_{011}^{(22)} \\
&+2m_{010}^{(10)}m_{200}^{(10)}m_{101}^{(21)}m_{011}^{(22)} - 2m_{010}^{(10)}m_{200}^{(10)}m_{101}^{(22)}m_{020}^{(22)} + m_{010}^{(10)}m_{200}^{(10)}m_{020}^{(20)}m_{002}^{(22)} \\
&+m_{010}^{(10)}m_{200}^{(10)}m_{020}^{(22)}m_{002}^{(20)} + m_{010}^{(10)}m_{200}^{(10)}m_{011}^{(10)}m_{002}^{(22)} - 2m_{010}^{(10)}m_{200}^{(10)}m_{011}^{(20)}m_{011}^{(22)} \\
&-m_{010}^{(10)}m_{200}^{(10)}m_{011}^{(20)}m_{002}^{(21)} + m_{010}^{(10)}m_{200}^{(10)}m_{011}^{(21)}m_{002}^{(20)} - m_{010}^{(10)}m_{200}^{(10)}m_{011}^{(22)}m_{002}^{(10)} \\
&+2m_{010}^{(10)}m_{200}^{(20)}m_{110}^{(21)}m_{002}^{(21)} - 2m_{010}^{(10)}m_{200}^{(20)}m_{110}^{(22)}m_{011}^{(21)} - 2m_{010}^{(10)}m_{200}^{(20)}m_{101}^{(21)}m_{011}^{(21)} \\
&+2m_{010}^{(10)}m_{200}^{(20)}m_{101}^{(22)}m_{020}^{(21)} - m_{010}^{(10)}m_{200}^{(20)}m_{020}^{(10)}m_{002}^{(22)} + m_{010}^{(10)}m_{200}^{(20)}m_{020}^{(21)}m_{002}^{(20)} \\
&-2m_{010}^{(10)}m_{200}^{(20)}m_{020}^{(22)}m_{002}^{(10)} + 3m_{010}^{(10)}m_{200}^{(20)}m_{011}^{(10)}m_{011}^{(22)} - 2m_{010}^{(10)}m_{200}^{(20)}m_{011}^{(10)}m_{002}^{(21)} \\
&-2m_{010}^{(10)}m_{200}^{(20)}m_{011}^{(11)}m_{002}^{(20)} - m_{010}^{(10)}m_{200}^{(20)}m_{011}^{(20)}m_{011}^{(21)} + 2m_{010}^{(10)}m_{200}^{(20)}m_{011}^{(20)}m_{002}^{(11)} \\
&+2m_{010}^{(10)}m_{200}^{(20)}m_{011}^{(21)}m_{002}^{(10)} + 2m_{010}^{(10)}m_{200}^{(21)}m_{110}^{(10)}m_{002}^{(22)} - 2m_{010}^{(10)}m_{200}^{(21)}m_{110}^{(20)}m_{002}^{(21)} \\
&-2m_{010}^{(10)}m_{200}^{(21)}m_{110}^{(22)}m_{011}^{(20)} + 2m_{010}^{(10)}m_{200}^{(21)}m_{110}^{(22)}m_{002}^{(10)} - 2m_{010}^{(10)}m_{200}^{(21)}m_{101}^{(10)}m_{011}^{(22)} \\
&+2m_{010}^{(10)}m_{200}^{(21)}m_{101}^{(20)}m_{011}^{(21)} + 2m_{010}^{(10)}m_{200}^{(21)}m_{101}^{(22)}m_{020}^{(20)} - 2m_{010}^{(10)}m_{200}^{(21)}m_{101}^{(22)}m_{011}^{(10)} \\
&-m_{010}^{(10)}m_{200}^{(21)}m_{020}^{(00)}m_{002}^{(22)} - m_{010}^{(10)}m_{200}^{(21)}m_{020}^{(20)}m_{002}^{(20)} + m_{010}^{(10)}m_{200}^{(21)}m_{011}^{(00)}m_{011}^{(22)} \\
&+m_{010}^{(10)}m_{200}^{(21)}m_{011}^{(00)}m_{002}^{(21)} - m_{010}^{(10)}m_{200}^{(21)}m_{011}^{(10)}m_{002}^{(20)} + m_{010}^{(10)}m_{200}^{(21)}(m_{011}^{(20)})^2 \\
&+m_{010}^{(10)}m_{200}^{(21)}m_{011}^{(20)}m_{002}^{(10)} - m_{010}^{(10)}m_{200}^{(21)}m_{011}^{(21)}m_{002}^{(00)} - 2m_{010}^{(10)}m_{200}^{(22)}m_{110}^{(10)}m_{011}^{(22)} \\
&+2m_{010}^{(10)}m_{200}^{(22)}m_{110}^{(20)}m_{011}^{(21)} + 2m_{010}^{(10)}m_{200}^{(22)}m_{110}^{(21)}m_{011}^{(20)} - 2m_{010}^{(10)}m_{200}^{(22)}m_{110}^{(21)}m_{002}^{(10)} \\
&+2m_{010}^{(10)}m_{200}^{(22)}m_{101}^{(10)}m_{020}^{(22)} - 2m_{010}^{(10)}m_{200}^{(22)}m_{101}^{(20)}m_{020}^{(21)} - 2m_{010}^{(10)}m_{200}^{(22)}m_{101}^{(21)}m_{020}^{(20)} \\
&+2m_{010}^{(10)}m_{200}^{(22)}m_{101}^{(21)}m_{011}^{(10)} + m_{010}^{(10)}m_{200}^{(22)}m_{020}^{(00)}m_{002}^{(21)} + m_{010}^{(10)}m_{200}^{(22)}m_{020}^{(10)}m_{002}^{(20)} \\
&-m_{010}^{(10)}m_{200}^{(22)}m_{011}^{(00)}m_{011}^{(21)} - m_{010}^{(10)}m_{200}^{(22)}m_{011}^{(00)}m_{002}^{(11)} - m_{010}^{(10)}m_{200}^{(22)}m_{011}^{(10)}m_{011}^{(20)} \\
&+m_{010}^{(10)}m_{200}^{(22)}m_{011}^{(11)}m_{002}^{(00)} + 2m_{010}^{(10)}m_{110}^{(00)}m_{110}^{(21)}m_{002}^{(22)} - 2m_{010}^{(10)}m_{110}^{(00)}m_{110}^{(22)}m_{002}^{(21)} \\
&-m_{010}^{(10)}m_{110}^{(00)}m_{101}^{(11)}m_{002}^{(22)} + m_{010}^{(10)}m_{110}^{(00)}m_{101}^{(22)}m_{002}^{(11)} - m_{010}^{(10)}m_{110}^{(00)}m_{011}^{(10)}m_{002}^{(22)} \\
&+m_{010}^{(10)}m_{110}^{(00)}m_{011}^{(20)}m_{002}^{(21)} - m_{010}^{(10)}m_{110}^{(00)}m_{011}^{(21)}m_{002}^{(20)} + m_{010}^{(10)}m_{110}^{(00)}m_{011}^{(22)}m_{002}^{(10)} \\
&+2m_{010}^{(10)}m_{110}^{(10)}m_{110}^{(22)}m_{101}^{(22)} - 2m_{010}^{(10)}m_{110}^{(10)}m_{110}^{(22)}m_{002}^{(20)} - m_{010}^{(10)}m_{110}^{(10)}m_{101}^{(10)}m_{002}^{(22)} \\
&+m_{010}^{(10)}m_{110}^{(10)}m_{101}^{(20)}m_{002}^{(21)} - 2m_{010}^{(10)}m_{110}^{(10)}m_{101}^{(21)}m_{101}^{(22)} - m_{010}^{(10)}m_{110}^{(10)}m_{101}^{(21)}m_{002}^{(20)} \\
&+2m_{010}^{(10)}m_{110}^{(10)}m_{101}^{(22)}m_{011}^{(20)} + m_{010}^{(10)}m_{110}^{(10)}m_{101}^{(22)}m_{002}^{(10)} - m_{010}^{(10)}m_{110}^{(10)}m_{011}^{(00)}m_{002}^{(22)} \\
&+m_{010}^{(10)}m_{110}^{(10)}m_{011}^{(22)}m_{002}^{(00)} - 4m_{010}^{(10)}m_{110}^{(20)}m_{110}^{(21)}m_{101}^{(22)} + 2m_{010}^{(10)}m_{110}^{(20)}m_{110}^{(22)}m_{101}^{(21)} \\
&+2m_{010}^{(10)}m_{110}^{(20)}m_{110}^{(22)}m_{002}^{(10)} - m_{010}^{(10)}m_{110}^{(20)}m_{101}^{(10)}m_{011}^{(22)} + 2m_{010}^{(10)}m_{110}^{(20)}m_{101}^{(10)}m_{002}^{(21)} \\
&+2m_{010}^{(10)}m_{110}^{(20)}m_{101}^{(11)}m_{002}^{(20)} + m_{010}^{(10)}m_{110}^{(20)}m_{101}^{(20)}m_{011}^{(21)} - 2m_{010}^{(10)}m_{110}^{(20)}m_{101}^{(20)}m_{002}^{(11)} \\
&+2m_{010}^{(10)}m_{110}^{(20)}(m_{101}^{(21)})^2 - m_{010}^{(10)}m_{110}^{(20)}m_{101}^{(21)}m_{011}^{(20)} - 2m_{010}^{(10)}m_{110}^{(20)}m_{101}^{(21)}m_{002}^{(10)} \\
&-m_{010}^{(10)}m_{110}^{(20)}m_{101}^{(22)}m_{011}^{(10)} + m_{010}^{(10)}m_{110}^{(20)}m_{011}^{(00)}m_{002}^{(21)} + 3m_{010}^{(10)}m_{110}^{(20)}m_{011}^{(10)}m_{002}^{(20)} \\
&-3m_{010}^{(10)}m_{110}^{(20)}m_{011}^{(20)}m_{002}^{(10)} - m_{010}^{(10)}m_{110}^{(20)}m_{011}^{(21)}m_{002}^{(00)} + 2m_{010}^{(10)}m_{110}^{(21)}m_{110}^{(22)}m_{101}^{(20)} \\
&-m_{010}^{(10)}m_{110}^{(21)}m_{101}^{(00)}m_{011}^{(22)} - m_{010}^{(10)}m_{110}^{(21)}m_{101}^{(00)}m_{002}^{(21)} + 4m_{010}^{(10)}m_{110}^{(21)}m_{101}^{(10)}m_{101}^{(22)} \\
&+m_{010}^{(10)}m_{110}^{(21)}m_{101}^{(10)}m_{002}^{(20)} - 2m_{010}^{(10)}m_{110}^{(21)}m_{101}^{(20)}m_{101}^{(21)} - m_{010}^{(10)}m_{110}^{(21)}m_{101}^{(20)}m_{002}^{(10)} \\
&+m_{010}^{(10)}m_{110}^{(21)}m_{101}^{(21)}m_{002}^{(00)} - m_{010}^{(10)}m_{110}^{(21)}m_{101}^{(22)}m_{011}^{(00)} - 2m_{010}^{(10)}(m_{110}^{(22)})^2m_{101}^{(10)} \\
&+m_{010}^{(10)}m_{110}^{(22)}m_{101}^{(00)}m_{011}^{(21)} + m_{010}^{(10)}m_{110}^{(22)}m_{101}^{(00)}m_{002}^{(11)} - 2m_{010}^{(10)}m_{110}^{(22)}m_{101}^{(10)}m_{101}^{(21)} \\
&+m_{010}^{(10)}m_{110}^{(22)}m_{101}^{(10)}m_{011}^{(20)} - m_{010}^{(10)}m_{110}^{(22)}m_{101}^{(11)}m_{002}^{(00)} - m_{010}^{(10)}m_{110}^{(22)}m_{101}^{(20)}m_{011}^{(10)} \\
&+m_{010}^{(10)}m_{110}^{(22)}m_{101}^{(21)}m_{011}^{(00)} + m_{010}^{(10)}m_{101}^{(00)}m_{101}^{(11)}m_{011}^{(22)} - m_{010}^{(10)}m_{101}^{(00)}m_{101}^{(21)}m_{020}^{(22)}
\end{aligned}
$$

$$+m_{010}^{(10)}m_{101}^{(00)}m_{101}^{(21)}m_{011}^{(21)}+m_{010}^{(10)}m_{101}^{(00)}m_{101}^{(22)}m_{020}^{(21)}-2m_{010}^{(10)}m_{101}^{(00)}m_{101}^{(22)}m_{011}^{(11)}$$
$$+m_{010}^{(10)}m_{101}^{(00)}m_{020}^{(10)}m_{002}^{(22)}-m_{010}^{(10)}m_{101}^{(00)}m_{020}^{(20)}m_{002}^{(21)}-m_{010}^{(10)}m_{101}^{(00)}m_{011}^{(10)}m_{011}^{(22)}$$
$$+m_{010}^{(10)}m_{101}^{(00)}m_{011}^{(20)}m_{011}^{(21)}+m_{010}^{(10)}(m_{101}^{(10)})^2m_{011}^{(22)}+m_{010}^{(10)}m_{101}^{(10)}m_{101}^{(20)}m_{020}^{(22)}$$
$$-3m_{010}^{(10)}m_{101}^{(10)}m_{101}^{(20)}m_{011}^{(21)}-m_{010}^{(10)}m_{101}^{(10)}m_{101}^{(22)}m_{020}^{(20)}-m_{010}^{(10)}m_{101}^{(10)}m_{101}^{(22)}m_{011}^{(10)}$$
$$+m_{010}^{(10)}m_{101}^{(10)}m_{020}^{(00)}m_{002}^{(22)}-3m_{010}^{(10)}m_{101}^{(10)}m_{020}^{(20)}m_{002}^{(20)}-m_{010}^{(10)}m_{101}^{(10)}m_{011}^{(00)}m_{011}^{(22)}$$
$$+3m_{010}^{(10)}m_{101}^{(10)}(m_{011}^{(20)})^2-2m_{010}^{(10)}m_{101}^{(11)}m_{101}^{(20)}m_{011}^{(20)}+m_{010}^{(10)}m_{101}^{(11)}m_{101}^{(22)}m_{011}^{(00)}$$
$$-m_{010}^{(10)}(m_{101}^{(20)})^2m_{020}^{(21)}+2m_{010}^{(10)}(m_{101}^{(20)})^2m_{011}^{(11)}+m_{010}^{(10)}m_{101}^{(20)}m_{101}^{(21)}m_{020}^{(20)}$$
$$+3m_{010}^{(10)}m_{101}^{(20)}m_{101}^{(21)}m_{011}^{(10)}-m_{010}^{(10)}m_{101}^{(20)}m_{020}^{(00)}m_{002}^{(21)}+3m_{010}^{(10)}m_{101}^{(20)}m_{020}^{(20)}m_{002}^{(10)}$$
$$+m_{010}^{(10)}m_{101}^{(20)}m_{011}^{(00)}m_{011}^{(21)}-3m_{010}^{(10)}m_{101}^{(20)}m_{011}^{(10)}m_{011}^{(20)}-m_{010}^{(10)}(m_{101}^{(21)})^2m_{011}^{(00)}$$
$$+m_{010}^{(10)}m_{101}^{(21)}m_{020}^{(00)}m_{002}^{(20)}+m_{010}^{(10)}m_{101}^{(21)}m_{020}^{(20)}m_{002}^{(00)}-2m_{010}^{(10)}m_{101}^{(21)}m_{011}^{(00)}m_{011}^{(20)}$$
$$-m_{010}^{(10)}m_{101}^{(22)}m_{020}^{(00)}m_{002}^{(10)}-m_{010}^{(10)}m_{101}^{(22)}m_{020}^{(10)}m_{002}^{(00)}+2m_{010}^{(10)}m_{101}^{(22)}m_{011}^{(00)}m_{011}^{(10)}$$
$$+m_{010}^{(11)}m_{200}^{(00)}m_{110}^{(21)}m_{002}^{(22)}-m_{010}^{(11)}m_{200}^{(00)}m_{110}^{(22)}m_{011}^{(22)}-m_{010}^{(11)}m_{200}^{(00)}m_{101}^{(21)}m_{011}^{(22)}$$
$$+m_{010}^{(11)}m_{200}^{(00)}m_{101}^{(22)}m_{020}^{(22)}-m_{010}^{(11)}m_{200}^{(00)}m_{020}^{(22)}m_{002}^{(20)}-m_{010}^{(11)}m_{200}^{(00)}m_{011}^{(10)}m_{002}^{(22)}$$
$$+m_{010}^{(11)}m_{200}^{(00)}m_{011}^{(20)}m_{011}^{(22)}+m_{010}^{(11)}m_{200}^{(00)}m_{011}^{(22)}m_{002}^{(10)}-2m_{010}^{(11)}m_{200}^{(20)}m_{110}^{(21)}m_{002}^{(20)}$$
$$+2m_{010}^{(11)}m_{200}^{(20)}m_{110}^{(22)}m_{011}^{(20)}+2m_{010}^{(11)}m_{200}^{(20)}m_{101}^{(21)}m_{011}^{(20)}-2m_{010}^{(11)}m_{200}^{(20)}m_{101}^{(22)}m_{020}^{(20)}$$
$$+m_{010}^{(11)}m_{200}^{(20)}m_{020}^{(00)}m_{002}^{(22)}+m_{010}^{(11)}m_{200}^{(20)}m_{020}^{(22)}m_{002}^{(00)}-2m_{010}^{(11)}m_{200}^{(20)}m_{011}^{(00)}m_{011}^{(22)}$$
$$+2m_{010}^{(11)}m_{200}^{(20)}m_{011}^{(10)}m_{002}^{(20)}-2m_{010}^{(11)}m_{200}^{(20)}m_{011}^{(20)}m_{002}^{(10)}-m_{010}^{(11)}m_{200}^{(21)}m_{110}^{(00)}m_{002}^{(22)}$$
$$+2m_{010}^{(11)}m_{200}^{(21)}m_{110}^{(20)}m_{002}^{(20)}-m_{010}^{(11)}m_{200}^{(21)}m_{110}^{(22)}m_{002}^{(00)}+m_{010}^{(11)}m_{200}^{(21)}m_{101}^{(00)}m_{011}^{(22)}$$
$$-2m_{010}^{(11)}m_{200}^{(21)}m_{101}^{(20)}m_{011}^{(20)}+m_{010}^{(11)}m_{200}^{(21)}m_{101}^{(22)}m_{011}^{(00)}+m_{010}^{(11)}m_{200}^{(22)}m_{110}^{(00)}m_{011}^{(22)}$$
$$-2m_{010}^{(11)}m_{200}^{(22)}m_{110}^{(20)}m_{011}^{(20)}+m_{010}^{(11)}m_{200}^{(22)}m_{110}^{(21)}m_{002}^{(00)}-m_{010}^{(11)}m_{200}^{(22)}m_{101}^{(00)}m_{020}^{(22)}$$
$$+2m_{010}^{(11)}m_{200}^{(22)}m_{101}^{(20)}m_{020}^{(20)}-m_{010}^{(11)}m_{200}^{(22)}m_{101}^{(21)}m_{011}^{(00)}-m_{010}^{(11)}m_{200}^{(22)}m_{020}^{(00)}m_{002}^{(20)}$$
$$+m_{010}^{(11)}m_{200}^{(22)}m_{011}^{(00)}m_{011}^{(20)}+m_{010}^{(11)}m_{200}^{(22)}m_{011}^{(00)}m_{002}^{(10)}-m_{010}^{(11)}m_{200}^{(22)}m_{011}^{(10)}m_{002}^{(00)}$$
$$-m_{010}^{(11)}m_{110}^{(00)}m_{110}^{(20)}m_{002}^{(22)}-m_{010}^{(11)}m_{110}^{(00)}m_{110}^{(22)}m_{101}^{(22)}+2m_{010}^{(11)}m_{110}^{(00)}m_{110}^{(22)}m_{002}^{(20)}$$
$$+m_{010}^{(11)}m_{110}^{(00)}m_{101}^{(10)}m_{002}^{(22)}+m_{010}^{(11)}m_{110}^{(00)}m_{101}^{(21)}m_{101}^{(22)}-m_{010}^{(11)}m_{110}^{(00)}m_{101}^{(22)}m_{011}^{(20)}$$
$$-m_{010}^{(11)}m_{110}^{(00)}m_{101}^{(22)}m_{002}^{(10)}+m_{010}^{(11)}m_{110}^{(00)}m_{011}^{(00)}m_{002}^{(22)}-m_{010}^{(11)}m_{110}^{(00)}m_{011}^{(22)}m_{002}^{(00)}$$
$$+2m_{010}^{(11)}(m_{110}^{(20)})^2m_{101}^{(22)}-2m_{010}^{(11)}m_{110}^{(20)}m_{110}^{(22)}m_{101}^{(20)}-m_{010}^{(11)}m_{110}^{(20)}m_{110}^{(22)}m_{002}^{(00)}$$
$$+m_{010}^{(11)}m_{110}^{(20)}m_{101}^{(00)}m_{011}^{(22)}-2m_{010}^{(11)}m_{110}^{(20)}m_{101}^{(10)}m_{002}^{(20)}-2m_{010}^{(11)}m_{110}^{(20)}m_{101}^{(20)}m_{101}^{(21)}$$
$$+2m_{010}^{(11)}m_{110}^{(20)}m_{101}^{(20)}m_{002}^{(10)}+m_{010}^{(11)}m_{110}^{(20)}m_{101}^{(22)}m_{011}^{(00)}-2m_{010}^{(11)}m_{110}^{(20)}m_{011}^{(00)}m_{002}^{(20)}$$
$$+2m_{010}^{(11)}m_{110}^{(20)}m_{011}^{(20)}m_{002}^{(00)}-2m_{010}^{(11)}m_{110}^{(21)}m_{101}^{(00)}m_{101}^{(22)}+2m_{010}^{(11)}m_{110}^{(21)}(m_{101}^{(20)})^2$$
$$+m_{010}^{(11)}(m_{110}^{(22)})^2m_{101}^{(00)}+m_{010}^{(11)}m_{110}^{(22)}m_{101}^{(00)}m_{101}^{(21)}-m_{010}^{(11)}m_{110}^{(22)}m_{101}^{(00)}m_{011}^{(20)}$$
$$-m_{010}^{(11)}m_{110}^{(22)}m_{101}^{(00)}m_{002}^{(10)}+m_{010}^{(11)}m_{110}^{(22)}m_{101}^{(10)}m_{002}^{(00)}-m_{010}^{(11)}m_{101}^{(00)}m_{101}^{(10)}m_{011}^{(22)}$$
$$+2m_{010}^{(11)}m_{101}^{(00)}m_{101}^{(22)}m_{011}^{(10)}-m_{010}^{(11)}m_{101}^{(00)}m_{020}^{(00)}m_{002}^{(22)}+2m_{010}^{(11)}m_{101}^{(00)}m_{020}^{(20)}m_{002}^{(20)}$$
$$+m_{010}^{(11)}m_{101}^{(00)}m_{011}^{(00)}m_{011}^{(22)}-2m_{010}^{(11)}m_{101}^{(00)}(m_{011}^{(20)})^2+2m_{010}^{(11)}m_{101}^{(10)}m_{101}^{(20)}m_{011}^{(20)}$$
$$-m_{010}^{(11)}m_{101}^{(10)}m_{101}^{(22)}m_{011}^{(00)}-2m_{010}^{(11)}(m_{101}^{(20)})^2m_{011}^{(10)}-2m_{010}^{(11)}m_{101}^{(20)}m_{020}^{(20)}m_{002}^{(00)}$$
$$+2m_{010}^{(11)}m_{101}^{(20)}m_{011}^{(00)}m_{011}^{(20)}+m_{010}^{(11)}m_{101}^{(22)}m_{020}^{(00)}m_{002}^{(00)}-m_{010}^{(11)}m_{101}^{(22)}(m_{011}^{(00)})^2$$
$$+m_{010}^{(20)}m_{200}^{(00)}m_{020}^{(21)}m_{002}^{(21)}-m_{010}^{(20)}m_{200}^{(00)}m_{020}^{(22)}m_{002}^{(11)}+m_{010}^{(20)}m_{200}^{(00)}m_{011}^{(11)}m_{011}^{(22)}$$
$$-2m_{010}^{(20)}m_{200}^{(00)}m_{011}^{(11)}m_{002}^{(21)}-m_{010}^{(20)}m_{200}^{(00)}(m_{011}^{(21)})^2+2m_{010}^{(20)}m_{200}^{(00)}m_{011}^{(21)}m_{002}^{(11)}$$
$$+2m_{010}^{(20)}m_{200}^{(10)}m_{110}^{(11)}m_{002}^{(22)}-m_{010}^{(20)}m_{200}^{(10)}m_{110}^{(21)}m_{011}^{(22)}-m_{010}^{(20)}m_{200}^{(10)}m_{110}^{(21)}m_{002}^{(21)}$$

$$
\begin{aligned}
&-m_{010}^{(20)} m_{200}^{(10)} m_{110}^{(22)} m_{011}^{(21)} + m_{010}^{(20)} m_{200}^{(10)} m_{110}^{(22)} m_{002}^{(11)} - 2m_{010}^{(20)} m_{200}^{(10)} m_{101}^{(11)} m_{011}^{(22)} \\
&+m_{010}^{(20)} m_{200}^{(10)} m_{101}^{(21)} m_{020}^{(22)} + m_{010}^{(20)} m_{200}^{(10)} m_{101}^{(21)} m_{011}^{(21)} + m_{010}^{(20)} m_{200}^{(10)} m_{101}^{(22)} m_{020}^{(21)} \\
&-m_{010}^{(20)} m_{200}^{(10)} m_{101}^{(22)} m_{011}^{(11)} - m_{010}^{(20)} m_{200}^{(10)} m_{020}^{(10)} m_{002}^{(22)} - 2m_{010}^{(20)} m_{200}^{(10)} m_{020}^{(21)} m_{002}^{(20)} \\
&+m_{010}^{(20)} m_{200}^{(10)} m_{020}^{(22)} m_{002}^{(10)} + m_{010}^{(20)} m_{200}^{(10)} m_{011}^{(10)} m_{002}^{(21)} + m_{010}^{(20)} m_{200}^{(10)} m_{011}^{(11)} m_{002}^{(20)} \\
&+2m_{010}^{(20)} m_{200}^{(10)} m_{011}^{(20)} m_{011}^{(21)} - m_{010}^{(20)} m_{200}^{(10)} m_{011}^{(20)} m_{002}^{(11)} - m_{010}^{(20)} m_{200}^{(10)} m_{011}^{(21)} m_{002}^{(10)} \\
&-2m_{010}^{(20)} m_{200}^{(11)} m_{110}^{(10)} m_{002}^{(22)} + m_{010}^{(20)} m_{200}^{(11)} m_{110}^{(20)} m_{011}^{(22)} + m_{010}^{(20)} m_{200}^{(11)} m_{110}^{(20)} m_{002}^{(21)} \\
&+m_{010}^{(20)} m_{200}^{(11)} m_{110}^{(22)} m_{011}^{(20)} - m_{010}^{(20)} m_{200}^{(11)} m_{110}^{(22)} m_{002}^{(10)} + 2m_{010}^{(20)} m_{200}^{(11)} m_{101}^{(10)} m_{011}^{(22)} \\
&-m_{010}^{(20)} m_{200}^{(11)} m_{101}^{(20)} m_{020}^{(22)} - m_{010}^{(20)} m_{200}^{(11)} m_{101}^{(20)} m_{011}^{(21)} - m_{010}^{(20)} m_{200}^{(11)} m_{101}^{(22)} m_{020}^{(20)} \\
&+m_{010}^{(20)} m_{200}^{(11)} m_{101}^{(22)} m_{011}^{(10)} + m_{010}^{(20)} m_{200}^{(11)} m_{020}^{(00)} m_{002}^{(22)} + m_{010}^{(20)} m_{200}^{(11)} m_{020}^{(20)} m_{002}^{(20)} \\
&-m_{010}^{(20)} m_{200}^{(11)} m_{011}^{(00)} m_{011}^{(22)} - m_{010}^{(20)} m_{200}^{(11)} m_{011}^{(00)} m_{002}^{(21)} + m_{010}^{(20)} m_{200}^{(11)} m_{011}^{(10)} m_{002}^{(20)} \\
&-m_{010}^{(20)} m_{200}^{(11)} (m_{011}^{(20)})^2 - m_{010}^{(20)} m_{200}^{(11)} m_{011}^{(20)} m_{002}^{(10)} + m_{010}^{(20)} m_{200}^{(11)} m_{011}^{(21)} m_{002}^{(00)} \\
&-m_{010}^{(20)} m_{200}^{(20)} m_{110}^{(11)} m_{011}^{(22)} - m_{010}^{(20)} m_{200}^{(20)} m_{110}^{(11)} m_{002}^{(21)} + 3m_{010}^{(20)} m_{200}^{(20)} m_{110}^{(21)} m_{011}^{(21)} \\
&-m_{010}^{(20)} m_{200}^{(20)} m_{110}^{(21)} m_{002}^{(11)} + m_{010}^{(20)} m_{200}^{(20)} m_{101}^{(11)} m_{020}^{(22)} + m_{010}^{(20)} m_{200}^{(20)} m_{101}^{(11)} m_{011}^{(21)} \\
&-3m_{010}^{(20)} m_{200}^{(20)} m_{101}^{(21)} m_{020}^{(21)} + m_{010}^{(20)} m_{200}^{(20)} m_{101}^{(21)} m_{011}^{(11)} + 2m_{010}^{(20)} m_{200}^{(20)} m_{020}^{(10)} m_{002}^{(21)} \\
&-m_{010}^{(20)} m_{200}^{(20)} m_{020}^{(20)} m_{002}^{(11)} + m_{010}^{(20)} m_{200}^{(20)} m_{020}^{(21)} m_{002}^{(10)} - 3m_{010}^{(20)} m_{200}^{(20)} m_{011}^{(10)} m_{011}^{(21)} \\
&+m_{010}^{(20)} m_{200}^{(20)} m_{011}^{(11)} m_{011}^{(20)} + m_{010}^{(20)} m_{200}^{(21)} m_{110}^{(10)} m_{011}^{(22)} + m_{010}^{(20)} m_{200}^{(21)} m_{110}^{(10)} m_{002}^{(21)} \\
&-3m_{010}^{(20)} m_{200}^{(21)} m_{110}^{(20)} m_{011}^{(21)} + m_{010}^{(20)} m_{200}^{(21)} m_{110}^{(20)} m_{002}^{(11)} - m_{010}^{(20)} m_{200}^{(21)} m_{101}^{(10)} m_{020}^{(22)} \\
&-m_{010}^{(20)} m_{200}^{(21)} m_{101}^{(10)} m_{011}^{(21)} + 3m_{010}^{(20)} m_{200}^{(21)} m_{101}^{(20)} m_{020}^{(21)} - m_{010}^{(20)} m_{200}^{(21)} m_{101}^{(20)} m_{011}^{(11)} \\
&-m_{010}^{(20)} m_{200}^{(21)} m_{020}^{(00)} m_{002}^{(21)} - m_{010}^{(20)} m_{200}^{(21)} m_{020}^{(10)} m_{002}^{(20)} + m_{010}^{(20)} m_{200}^{(21)} m_{011}^{(00)} m_{011}^{(21)} \\
&+m_{010}^{(20)} m_{200}^{(21)} m_{011}^{(00)} m_{002}^{(11)} + m_{010}^{(20)} m_{200}^{(21)} m_{011}^{(10)} m_{011}^{(20)} - m_{010}^{(20)} m_{200}^{(21)} m_{011}^{(11)} m_{002}^{(00)} \\
&+m_{010}^{(20)} m_{200}^{(22)} m_{110}^{(10)} m_{011}^{(21)} - m_{010}^{(20)} m_{200}^{(22)} m_{110}^{(10)} m_{002}^{(11)} - m_{010}^{(20)} m_{200}^{(22)} m_{110}^{(11)} m_{011}^{(20)} \\
&+m_{010}^{(20)} m_{200}^{(22)} m_{110}^{(11)} m_{002}^{(10)} - m_{010}^{(20)} m_{200}^{(22)} m_{101}^{(10)} m_{020}^{(21)} + m_{010}^{(20)} m_{200}^{(22)} m_{101}^{(10)} m_{011}^{(11)} \\
&+m_{010}^{(20)} m_{200}^{(22)} m_{101}^{(11)} m_{020}^{(20)} - m_{010}^{(20)} m_{200}^{(22)} m_{101}^{(11)} m_{011}^{(10)} - m_{010}^{(20)} m_{110}^{(00)} m_{110}^{(11)} m_{002}^{(22)} \\
&+m_{010}^{(20)} m_{110}^{(00)} m_{110}^{(22)} m_{002}^{(11)} + 2m_{010}^{(20)} m_{110}^{(00)} m_{101}^{(11)} m_{002}^{(21)} - 2m_{010}^{(20)} m_{110}^{(00)} m_{101}^{(21)} m_{002}^{(11)} \\
&+m_{010}^{(20)} m_{110}^{(00)} m_{011}^{(10)} m_{002}^{(21)} + m_{010}^{(20)} m_{110}^{(00)} m_{011}^{(11)} m_{002}^{(20)} - m_{010}^{(20)} m_{110}^{(00)} m_{011}^{(20)} m_{002}^{(11)} \\
&-m_{010}^{(20)} m_{110}^{(00)} m_{011}^{(21)} m_{002}^{(10)} + m_{010}^{(20)} (m_{110}^{(10)})^2 m_{002}^{(22)} - 2m_{010}^{(20)} m_{110}^{(10)} m_{110}^{(20)} m_{002}^{(21)} \\
&-m_{010}^{(20)} m_{110}^{(10)} m_{110}^{(21)} m_{101}^{(22)} + 3m_{010}^{(20)} m_{110}^{(10)} m_{110}^{(21)} m_{002}^{(20)} - m_{010}^{(20)} m_{110}^{(10)} m_{110}^{(22)} m_{101}^{(21)} \\
&-m_{010}^{(20)} m_{110}^{(10)} m_{110}^{(22)} m_{002}^{(10)} - m_{010}^{(20)} m_{110}^{(10)} m_{101}^{(10)} m_{002}^{(21)} + 3m_{010}^{(20)} m_{110}^{(10)} m_{101}^{(11)} m_{101}^{(22)} \\
&-m_{010}^{(20)} m_{110}^{(10)} m_{101}^{(11)} m_{002}^{(20)} + m_{010}^{(20)} m_{110}^{(10)} m_{101}^{(20)} m_{002}^{(11)} - m_{010}^{(20)} m_{110}^{(10)} (m_{101}^{(21)})^2 \\
&-m_{010}^{(20)} m_{110}^{(10)} m_{101}^{(21)} m_{011}^{(20)} + m_{010}^{(20)} m_{110}^{(10)} m_{101}^{(21)} m_{002}^{(10)} - m_{010}^{(20)} m_{110}^{(10)} m_{101}^{(22)} m_{011}^{(10)} \\
&+m_{010}^{(20)} m_{110}^{(10)} m_{011}^{(00)} m_{002}^{(21)} - 3m_{010}^{(20)} m_{110}^{(10)} m_{011}^{(10)} m_{002}^{(20)} + 3m_{010}^{(20)} m_{110}^{(10)} m_{011}^{(20)} m_{002}^{(10)} \\
&-m_{010}^{(20)} m_{110}^{(10)} m_{011}^{(21)} m_{002}^{(00)} + m_{010}^{(20)} m_{110}^{(11)} m_{110}^{(20)} m_{101}^{(22)} - m_{010}^{(20)} m_{110}^{(11)} m_{110}^{(20)} m_{002}^{(20)} \\
&+m_{010}^{(20)} m_{110}^{(11)} m_{110}^{(22)} m_{101}^{(20)} + m_{010}^{(20)} m_{110}^{(11)} m_{101}^{(00)} m_{002}^{(21)} - 3m_{010}^{(20)} m_{110}^{(11)} m_{101}^{(10)} m_{101}^{(22)} \\
&-m_{010}^{(20)} m_{110}^{(11)} m_{101}^{(10)} m_{002}^{(20)} + m_{010}^{(20)} m_{110}^{(11)} m_{101}^{(20)} m_{101}^{(21)} + m_{010}^{(20)} m_{110}^{(11)} m_{101}^{(20)} m_{011}^{(20)} \\
&+m_{010}^{(20)} m_{110}^{(11)} m_{101}^{(20)} m_{002}^{(10)} - m_{010}^{(20)} m_{110}^{(11)} m_{101}^{(21)} m_{002}^{(00)} + m_{010}^{(20)} m_{110}^{(11)} m_{101}^{(22)} m_{011}^{(00)} \\
&+m_{010}^{(20)} (m_{110}^{(20)})^2 m_{002}^{(11)} + 3m_{010}^{(20)} m_{110}^{(20)} m_{110}^{(21)} m_{101}^{(21)} - m_{010}^{(20)} m_{110}^{(20)} m_{110}^{(21)} m_{110}^{(10)} \\
&-2m_{010}^{(20)} m_{110}^{(20)} m_{110}^{(22)} m_{101}^{(11)} + m_{010}^{(20)} m_{110}^{(20)} m_{101}^{(10)} m_{011}^{(21)} - 2m_{010}^{(20)} m_{110}^{(20)} m_{101}^{(11)} m_{101}^{(21)} \\
&-m_{010}^{(20)} m_{110}^{(20)} m_{101}^{(20)} m_{011}^{(11)} + 2m_{010}^{(20)} m_{110}^{(20)} m_{101}^{(21)} m_{011}^{(10)} - m_{010}^{(20)} m_{110}^{(20)} m_{101}^{(00)} m_{011}^{(11)} \\
&-m_{010}^{(20)} m_{110}^{(20)} m_{011}^{(00)} m_{002}^{(11)}
\end{aligned}
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\begin{aligned}
&+m_{010}^{(20)}m_{110}^{(20)}m_{011}^{(11)}m_{002}^{(00)} - 3m_{010}^{(20)}(m_{110}^{(21)})^2m_{101}^{(20)} + 2m_{010}^{(20)}m_{110}^{(21)}m_{110}^{(22)}m_{101}^{(10)}\\
&+m_{010}^{(20)}m_{110}^{(21)}m_{101}^{(00)}m_{011}^{(21)} - m_{010}^{(20)}m_{110}^{(21)}m_{101}^{(00)}m_{002}^{(11)} + m_{010}^{(20)}m_{110}^{(21)}m_{101}^{(10)}m_{101}^{(21)}\\
&-2m_{010}^{(20)}m_{110}^{(21)}m_{101}^{(10)}m_{011}^{(20)} + m_{010}^{(20)}m_{110}^{(21)}m_{101}^{(11)}m_{101}^{(20)} + m_{010}^{(20)}m_{110}^{(21)}m_{101}^{(11)}m_{002}^{(00)}\\
&-m_{010}^{(20)}m_{110}^{(21)}m_{101}^{(21)}m_{011}^{(00)} - m_{010}^{(20)}m_{110}^{(22)}m_{101}^{(00)}m_{011}^{(11)} + m_{010}^{(20)}m_{110}^{(22)}m_{101}^{(10)}m_{011}^{(10)}\\
&+m_{010}^{(20)}m_{101}^{(00)}m_{101}^{(11)}m_{020}^{(22)} - 3m_{010}^{(20)}m_{101}^{(00)}m_{101}^{(11)}m_{011}^{(21)} - m_{010}^{(20)}m_{101}^{(00)}m_{101}^{(21)}m_{020}^{(21)}\\
&+3m_{010}^{(20)}m_{101}^{(00)}m_{101}^{(21)}m_{011}^{(11)} - m_{010}^{(20)}m_{101}^{(00)}m_{020}^{(10)}m_{002}^{(21)} + m_{010}^{(20)}m_{101}^{(00)}m_{020}^{(20)}m_{002}^{(11)}\\
&+m_{010}^{(20)}m_{101}^{(00)}m_{011}^{(10)}m_{011}^{(21)} - m_{010}^{(20)}m_{101}^{(00)}m_{011}^{(11)}m_{011}^{(20)} - m_{010}^{(20)}(m_{101}^{(10)})^2m_{020}^{(22)}\\
&+m_{010}^{(20)}(m_{101}^{(10)})^2m_{011}^{(21)} + 2m_{010}^{(20)}m_{101}^{(10)}m_{101}^{(11)}m_{011}^{(20)} + m_{010}^{(20)}m_{101}^{(10)}m_{101}^{(20)}m_{020}^{(21)}\\
&-m_{010}^{(20)}m_{101}^{(10)}m_{101}^{(20)}m_{011}^{(11)} - m_{010}^{(20)}m_{101}^{(10)}m_{101}^{(21)}m_{011}^{(10)} + m_{010}^{(20)}m_{101}^{(10)}m_{101}^{(22)}m_{020}^{(10)}\\
&-m_{010}^{(20)}m_{101}^{(10)}m_{020}^{(00)}m_{002}^{(21)} + 3m_{010}^{(20)}m_{101}^{(10)}m_{020}^{(10)}m_{002}^{(20)} + m_{010}^{(20)}m_{101}^{(10)}m_{011}^{(00)}m_{011}^{(21)}\\
&-3m_{010}^{(20)}m_{101}^{(10)}m_{011}^{(10)}m_{011}^{(20)} - m_{010}^{(20)}m_{101}^{(11)}m_{101}^{(20)}m_{011}^{(10)} - m_{010}^{(20)}m_{101}^{(11)}m_{101}^{(22)}m_{020}^{(00)}\\
&-m_{010}^{(20)}m_{101}^{(11)}m_{020}^{(00)}m_{002}^{(20)} - m_{010}^{(20)}m_{101}^{(11)}m_{020}^{(20)}m_{002}^{(00)} + 2m_{010}^{(20)}m_{101}^{(11)}m_{011}^{(00)}m_{011}^{(20)}\\
&-m_{010}^{(20)}m_{101}^{(20)}m_{101}^{(21)}m_{020}^{(10)} + m_{010}^{(20)}m_{101}^{(20)}m_{020}^{(00)}m_{002}^{(11)} - 3m_{010}^{(20)}m_{101}^{(20)}m_{020}^{(10)}m_{002}^{(10)}\\
&-m_{010}^{(20)}m_{101}^{(20)}m_{011}^{(00)}m_{011}^{(11)} + 3m_{010}^{(20)}m_{101}^{(20)}(m_{011}^{(10)})^2 + m_{010}^{(20)}(m_{101}^{(21)})^2m_{020}^{(00)}\\
&+m_{010}^{(20)}m_{101}^{(21)}m_{020}^{(00)}m_{002}^{(10)} + m_{010}^{(20)}m_{101}^{(21)}m_{020}^{(10)}m_{002}^{(00)} - 2m_{010}^{(20)}m_{101}^{(21)}m_{011}^{(00)}m_{011}^{(10)}\\
&-m_{010}^{(21)}m_{200}^{(00)}m_{110}^{(11)}m_{002}^{(22)} + m_{010}^{(21)}m_{200}^{(00)}m_{110}^{(21)}m_{011}^{(22)} - m_{010}^{(21)}m_{200}^{(00)}m_{110}^{(21)}m_{002}^{(21)}\\
&+m_{010}^{(21)}m_{200}^{(00)}m_{110}^{(22)}m_{011}^{(21)} + m_{010}^{(21)}m_{200}^{(00)}m_{101}^{(11)}m_{011}^{(22)} - m_{010}^{(21)}m_{200}^{(00)}m_{101}^{(21)}m_{020}^{(22)}\\
&+m_{010}^{(21)}m_{200}^{(00)}m_{101}^{(21)}m_{011}^{(21)} - m_{010}^{(21)}m_{200}^{(00)}m_{101}^{(22)}m_{020}^{(21)} + m_{010}^{(21)}m_{200}^{(00)}m_{020}^{(10)}m_{002}^{(22)}\\
&-m_{010}^{(21)}m_{200}^{(00)}m_{020}^{(20)}m_{002}^{(21)} + m_{010}^{(21)}m_{200}^{(00)}m_{020}^{(21)}m_{002}^{(20)} + m_{010}^{(21)}m_{200}^{(00)}m_{020}^{(22)}m_{002}^{(10)}\\
&-2m_{010}^{(21)}m_{200}^{(00)}m_{011}^{(10)}m_{011}^{(22)} + 2m_{010}^{(21)}m_{200}^{(00)}m_{011}^{(10)}m_{002}^{(21)} - 2m_{010}^{(21)}m_{200}^{(00)}m_{011}^{(21)}m_{002}^{(10)}\\
&-m_{010}^{(21)}m_{200}^{(10)}m_{110}^{(20)}m_{011}^{(22)} + m_{010}^{(21)}m_{200}^{(10)}m_{110}^{(20)}m_{002}^{(21)} + 2m_{010}^{(21)}m_{200}^{(10)}m_{110}^{(21)}m_{002}^{(20)}\\
&-m_{010}^{(21)}m_{200}^{(10)}m_{110}^{(22)}m_{011}^{(20)} - m_{010}^{(21)}m_{200}^{(10)}m_{110}^{(22)}m_{002}^{(10)} + m_{010}^{(21)}m_{200}^{(10)}m_{101}^{(20)}m_{020}^{(22)}\\
&-m_{010}^{(21)}m_{200}^{(10)}m_{101}^{(20)}m_{011}^{(21)} - 2m_{010}^{(21)}m_{200}^{(10)}m_{101}^{(21)}m_{011}^{(20)} + m_{010}^{(21)}m_{200}^{(10)}m_{101}^{(22)}m_{020}^{(20)}\\
&+m_{010}^{(21)}m_{200}^{(10)}m_{101}^{(22)}m_{011}^{(10)} - m_{010}^{(21)}m_{200}^{(10)}m_{020}^{(00)}m_{002}^{(22)} - m_{010}^{(21)}m_{200}^{(10)}m_{020}^{(22)}m_{002}^{(00)}\\
&+2m_{010}^{(21)}m_{200}^{(10)}m_{011}^{(00)}m_{011}^{(22)} - 2m_{010}^{(21)}m_{200}^{(10)}m_{011}^{(00)}m_{002}^{(20)} + 2m_{010}^{(21)}m_{200}^{(10)}m_{011}^{(20)}m_{002}^{(10)}\\
&+m_{010}^{(21)}m_{200}^{(11)}m_{110}^{(00)}m_{002}^{(22)} - 2m_{010}^{(21)}m_{200}^{(11)}m_{110}^{(20)}m_{002}^{(20)} + m_{010}^{(21)}m_{200}^{(11)}m_{110}^{(22)}m_{002}^{(00)}\\
&-m_{010}^{(21)}m_{200}^{(11)}m_{101}^{(00)}m_{011}^{(22)} + 2m_{010}^{(21)}m_{200}^{(11)}m_{101}^{(20)}m_{011}^{(20)} - m_{010}^{(21)}m_{200}^{(11)}m_{101}^{(22)}m_{011}^{(00)}\\
&+m_{010}^{(21)}m_{200}^{(20)}m_{110}^{(10)}m_{011}^{(22)} - m_{010}^{(21)}m_{200}^{(20)}m_{110}^{(10)}m_{002}^{(21)} + 2m_{010}^{(21)}m_{200}^{(20)}m_{110}^{(11)}m_{002}^{(20)}\\
&-3m_{010}^{(21)}m_{200}^{(20)}m_{110}^{(21)}m_{011}^{(20)} + m_{010}^{(21)}m_{200}^{(20)}m_{110}^{(21)}m_{002}^{(10)} - m_{010}^{(21)}m_{200}^{(20)}m_{101}^{(10)}m_{020}^{(22)}\\
&+m_{010}^{(21)}m_{200}^{(20)}m_{101}^{(10)}m_{011}^{(21)} - 2m_{010}^{(21)}m_{200}^{(20)}m_{101}^{(11)}m_{011}^{(20)} + 3m_{010}^{(21)}m_{200}^{(20)}m_{101}^{(21)}m_{020}^{(20)}\\
&-m_{010}^{(21)}m_{200}^{(20)}m_{101}^{(21)}m_{011}^{(10)} - m_{010}^{(21)}m_{200}^{(20)}m_{020}^{(00)}m_{002}^{(21)} - m_{010}^{(21)}m_{200}^{(20)}m_{020}^{(10)}m_{002}^{(20)}\\
&+m_{010}^{(21)}m_{200}^{(20)}m_{020}^{(20)}m_{002}^{(10)} - m_{010}^{(21)}m_{200}^{(20)}m_{020}^{(21)}m_{002}^{(00)} + 2m_{010}^{(21)}m_{200}^{(20)}m_{011}^{(00)}m_{011}^{(21)}\\
&-m_{010}^{(21)}m_{200}^{(21)}m_{110}^{(00)}m_{011}^{(22)} + m_{010}^{(21)}m_{200}^{(21)}m_{110}^{(00)}m_{002}^{(21)} - 2m_{010}^{(21)}m_{200}^{(21)}m_{110}^{(10)}m_{002}^{(20)}\\
&+3m_{010}^{(21)}m_{200}^{(21)}m_{110}^{(20)}m_{011}^{(20)} - m_{010}^{(21)}m_{200}^{(21)}m_{110}^{(20)}m_{002}^{(10)} + m_{010}^{(21)}m_{200}^{(21)}m_{101}^{(00)}m_{020}^{(22)}\\
&-m_{010}^{(21)}m_{200}^{(21)}m_{101}^{(00)}m_{011}^{(21)} + 2m_{010}^{(21)}m_{200}^{(21)}m_{101}^{(10)}m_{011}^{(20)} - 3m_{010}^{(21)}m_{200}^{(21)}m_{101}^{(20)}m_{020}^{(20)}\\
&+m_{010}^{(21)}m_{200}^{(21)}m_{101}^{(20)}m_{011}^{(10)} + 2m_{010}^{(21)}m_{200}^{(21)}m_{020}^{(00)}m_{002}^{(20)} - 2m_{010}^{(21)}m_{200}^{(21)}m_{011}^{(00)}m_{011}^{(20)}\\
&-2m_{010}^{(21)}m_{200}^{(21)}m_{011}^{(00)}m_{002}^{(10)} + 2m_{010}^{(21)}m_{200}^{(21)}m_{011}^{(10)}m_{002}^{(00)} - m_{010}^{(21)}m_{200}^{(22)}m_{110}^{(00)}m_{011}^{(21)}\\
&+m_{010}^{(21)}m_{200}^{(22)}m_{110}^{(10)}m_{011}^{(20)} + m_{010}^{(21)}m_{200}^{(22)}m_{110}^{(10)}m_{002}^{(10)} - m_{010}^{(21)}m_{200}^{(22)}m_{110}^{(11)}m_{002}^{(00)}
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&+m_{010}^{(21)}m_{200}^{(22)}m_{101}^{(00)}m_{020}^{(21)} - m_{010}^{(21)}m_{200}^{(22)}m_{101}^{(10)}m_{020}^{(20)} - m_{010}^{(21)}m_{200}^{(22)}m_{101}^{(10)}m_{011}^{(10)}\\
&+m_{010}^{(21)}m_{200}^{(22)}m_{101}^{(11)}m_{011}^{(00)} + 2m_{010}^{(21)}m_{110}^{(00)}m_{110}^{(20)}m_{002}^{(21)} + m_{010}^{(21)}m_{110}^{(00)}m_{110}^{(21)}m_{101}^{(22)}\\
&-3m_{010}^{(21)}m_{110}^{(00)}m_{110}^{(21)}m_{002}^{(20)} + m_{010}^{(21)}m_{110}^{(00)}m_{110}^{(22)}m_{101}^{(21)} - m_{010}^{(21)}m_{110}^{(00)}m_{110}^{(22)}m_{002}^{(10)}\\
&-2m_{010}^{(21)}m_{110}^{(00)}m_{101}^{(10)}m_{002}^{(21)} - m_{010}^{(21)}m_{110}^{(00)}m_{101}^{(11)}m_{101}^{(22)} - m_{010}^{(21)}m_{110}^{(00)}(m_{101}^{(21)})^2\\
&+m_{010}^{(21)}m_{110}^{(00)}m_{101}^{(21)}m_{011}^{(20)} + 2m_{010}^{(21)}m_{110}^{(00)}m_{101}^{(21)}m_{002}^{(10)} + m_{010}^{(21)}m_{110}^{(00)}m_{101}^{(22)}m_{011}^{(10)}\\
&-2m_{010}^{(21)}m_{110}^{(00)}m_{011}^{(00)}m_{002}^{(21)} + 2m_{010}^{(21)}m_{110}^{(00)}m_{011}^{(21)}m_{002}^{(00)} - m_{010}^{(21)}m_{110}^{(10)}m_{110}^{(20)}m_{101}^{(22)}\\
&+m_{010}^{(21)}m_{110}^{(10)}m_{110}^{(20)}m_{002}^{(20)} - m_{010}^{(21)}m_{110}^{(10)}m_{110}^{(22)}m_{101}^{(20)} + m_{010}^{(21)}m_{110}^{(10)}m_{110}^{(22)}m_{002}^{(00)}\\
&-m_{010}^{(21)}m_{110}^{(10)}m_{101}^{(10)}m_{101}^{(22)} + 2m_{010}^{(21)}m_{110}^{(10)}m_{101}^{(10)}m_{002}^{(20)} + 3m_{010}^{(21)}m_{110}^{(10)}m_{101}^{(20)}m_{101}^{(21)}\\
&-m_{010}^{(21)}m_{110}^{(10)}m_{101}^{(20)}m_{011}^{(20)} - 2m_{010}^{(21)}m_{110}^{(10)}m_{101}^{(20)}m_{002}^{(10)} - m_{010}^{(21)}m_{110}^{(10)}m_{101}^{(22)}m_{011}^{(00)}\\
&+2m_{010}^{(21)}m_{110}^{(10)}m_{011}^{(00)}m_{002}^{(20)} - 2m_{010}^{(21)}m_{110}^{(10)}m_{011}^{(20)}m_{002}^{(00)} + 2m_{010}^{(21)}m_{110}^{(11)}m_{101}^{(00)}m_{101}^{(22)}\\
&-2m_{010}^{(21)}m_{110}^{(11)}(m_{101}^{(20)})^2 - 3m_{010}^{(21)}(m_{110}^{(20)})^2m_{101}^{(21)} - m_{010}^{(21)}(m_{110}^{(20)})^2m_{002}^{(10)}\\
&+3m_{010}^{(21)}m_{110}^{(20)}m_{110}^{(21)}m_{101}^{(20)} + m_{010}^{(21)}m_{110}^{(20)}m_{110}^{(21)}m_{002}^{(00)} + 2m_{010}^{(21)}m_{110}^{(20)}m_{110}^{(22)}m_{101}^{(10)}\\
&-2m_{010}^{(21)}m_{110}^{(20)}m_{101}^{(00)}m_{011}^{(21)} + m_{010}^{(21)}m_{110}^{(20)}m_{101}^{(10)}m_{011}^{(20)} + 2m_{010}^{(21)}m_{110}^{(20)}m_{101}^{(11)}m_{101}^{(20)}\\
&-m_{010}^{(21)}m_{110}^{(20)}m_{101}^{(21)}m_{011}^{(00)} + 2m_{010}^{(21)}m_{110}^{(20)}m_{011}^{(00)}m_{002}^{(10)} - 2m_{010}^{(21)}m_{110}^{(20)}m_{011}^{(10)}m_{002}^{(00)}\\
&-2m_{010}^{(21)}m_{110}^{(21)}m_{110}^{(22)}m_{101}^{(00)} + m_{010}^{(21)}m_{110}^{(21)}m_{101}^{(00)}m_{101}^{(21)} + m_{010}^{(21)}m_{110}^{(21)}m_{101}^{(00)}m_{011}^{(20)}\\
&+2m_{010}^{(21)}m_{110}^{(21)}m_{101}^{(00)}m_{002}^{(10)} - 3m_{010}^{(21)}m_{110}^{(21)}m_{101}^{(10)}m_{101}^{(20)} - 2m_{010}^{(21)}m_{110}^{(21)}m_{101}^{(10)}m_{002}^{(00)}\\
&+m_{010}^{(21)}m_{110}^{(21)}m_{101}^{(20)}m_{011}^{(00)} - m_{010}^{(21)}m_{110}^{(22)}m_{101}^{(00)}m_{101}^{(11)} + m_{010}^{(21)}m_{110}^{(22)}m_{101}^{(00)}m_{011}^{(10)}\\
&+m_{010}^{(21)}m_{110}^{(22)}(m_{101}^{(10)})^2 - m_{010}^{(21)}m_{110}^{(22)}m_{101}^{(10)}m_{011}^{(00)} + 2m_{010}^{(21)}m_{101}^{(00)}m_{101}^{(10)}m_{011}^{(21)}\\
&+m_{010}^{(21)}m_{101}^{(00)}m_{101}^{(21)}m_{020}^{(20)} - 4m_{010}^{(21)}m_{101}^{(00)}m_{101}^{(21)}m_{011}^{(10)} - m_{010}^{(21)}m_{101}^{(00)}m_{101}^{(22)}m_{020}^{(10)}\\
&+2m_{010}^{(21)}m_{101}^{(00)}m_{020}^{(00)}m_{002}^{(21)} - 2m_{010}^{(21)}m_{101}^{(00)}m_{020}^{(10)}m_{002}^{(20)} - 2m_{010}^{(21)}m_{101}^{(00)}m_{020}^{(20)}m_{002}^{(10)}\\
&-2m_{010}^{(21)}m_{101}^{(00)}m_{011}^{(00)}m_{011}^{(21)} + 4m_{010}^{(21)}m_{101}^{(00)}m_{011}^{(10)}m_{011}^{(20)} - 2m_{010}^{(21)}(m_{101}^{(10)})^2m_{011}^{(20)}\\
&-m_{010}^{(21)}m_{101}^{(10)}m_{101}^{(20)}m_{020}^{(20)} + 2m_{010}^{(21)}m_{101}^{(10)}m_{101}^{(20)}m_{011}^{(10)} + 2m_{010}^{(21)}m_{101}^{(10)}m_{101}^{(21)}m_{011}^{(00)}\\
&+m_{010}^{(21)}m_{101}^{(10)}m_{101}^{(22)}m_{020}^{(00)} + 2m_{010}^{(21)}m_{101}^{(10)}m_{020}^{(20)}m_{002}^{(00)} - 2m_{010}^{(21)}m_{101}^{(10)}m_{011}^{(00)}m_{011}^{(20)}\\
&+m_{010}^{(21)}(m_{101}^{(20)})^2m_{020}^{(10)} - m_{010}^{(21)}m_{101}^{(20)}m_{101}^{(21)}m_{020}^{(00)} + 2m_{010}^{(21)}m_{101}^{(20)}m_{020}^{(10)}m_{002}^{(00)}\\
&-2m_{010}^{(21)}m_{101}^{(20)}m_{011}^{(00)}m_{011}^{(10)} - 2m_{010}^{(21)}m_{101}^{(21)}m_{020}^{(00)}m_{002}^{(00)} + 2m_{010}^{(21)}m_{101}^{(21)}(m_{011}^{(00)})^2\\
&+m_{010}^{(22)}m_{200}^{(00)}m_{110}^{(11)}m_{002}^{(21)} - m_{010}^{(22)}m_{200}^{(00)}m_{110}^{(21)}m_{011}^{(21)} - m_{010}^{(22)}m_{200}^{(00)}m_{101}^{(11)}m_{011}^{(21)}\\
&+m_{010}^{(22)}m_{200}^{(00)}m_{101}^{(21)}m_{020}^{(21)} - m_{010}^{(22)}m_{200}^{(00)}m_{020}^{(10)}m_{002}^{(21)} + m_{010}^{(22)}m_{200}^{(00)}m_{020}^{(20)}m_{002}^{(11)}\\
&-m_{010}^{(22)}m_{200}^{(00)}m_{020}^{(21)}m_{002}^{(10)} + 2m_{010}^{(22)}m_{200}^{(00)}m_{011}^{(10)}m_{011}^{(21)} - m_{010}^{(22)}m_{200}^{(00)}m_{011}^{(11)}m_{002}^{(10)}\\
&-m_{010}^{(22)}m_{200}^{(00)}m_{011}^{(11)}m_{011}^{(20)} + m_{010}^{(22)}m_{200}^{(00)}m_{011}^{(11)}m_{002}^{(10)} - 2m_{010}^{(22)}m_{200}^{(10)}m_{101}^{(11)}m_{002}^{(20)}\\
&+m_{010}^{(22)}m_{200}^{(10)}m_{110}^{(20)}m_{011}^{(21)} - m_{010}^{(22)}m_{200}^{(10)}m_{110}^{(20)}m_{002}^{(11)} + m_{010}^{(22)}m_{200}^{(10)}m_{110}^{(21)}m_{011}^{(20)}\\
&+m_{010}^{(22)}m_{200}^{(10)}m_{110}^{(21)}m_{002}^{(10)} + 2m_{010}^{(22)}m_{200}^{(10)}m_{101}^{(11)}m_{011}^{(20)} - m_{010}^{(22)}m_{200}^{(10)}m_{101}^{(20)}m_{011}^{(21)}\\
&+m_{010}^{(22)}m_{200}^{(10)}m_{101}^{(20)}m_{011}^{(11)} - m_{010}^{(22)}m_{200}^{(10)}m_{101}^{(21)}m_{020}^{(20)} - m_{010}^{(22)}m_{200}^{(10)}m_{101}^{(21)}m_{011}^{(10)}\\
&+m_{010}^{(22)}m_{200}^{(10)}m_{020}^{(00)}m_{002}^{(21)} + m_{010}^{(22)}m_{200}^{(10)}m_{020}^{(10)}m_{002}^{(20)} - m_{010}^{(22)}m_{200}^{(10)}m_{020}^{(20)}m_{002}^{(10)}\\
&+m_{010}^{(22)}m_{200}^{(10)}m_{020}^{(21)}m_{002}^{(00)} - 2m_{010}^{(22)}m_{200}^{(10)}m_{011}^{(00)}m_{011}^{(21)} - m_{010}^{(22)}m_{200}^{(11)}m_{110}^{(00)}m_{002}^{(21)}\\
&+2m_{010}^{(22)}m_{200}^{(11)}m_{110}^{(10)}m_{002}^{(20)} - m_{010}^{(22)}m_{200}^{(11)}m_{110}^{(20)}m_{011}^{(20)} + m_{010}^{(22)}m_{200}^{(11)}m_{110}^{(20)}m_{002}^{(10)}\\
&-m_{010}^{(22)}m_{200}^{(11)}m_{110}^{(21)}m_{002}^{(00)} + m_{010}^{(22)}m_{200}^{(11)}m_{101}^{(00)}m_{011}^{(21)} - 2m_{010}^{(22)}m_{200}^{(11)}m_{101}^{(10)}m_{011}^{(20)}\\
&+m_{010}^{(22)}m_{200}^{(11)}m_{101}^{(20)}m_{020}^{(20)} - m_{010}^{(22)}m_{200}^{(11)}m_{101}^{(20)}m_{011}^{(10)} + m_{010}^{(22)}m_{200}^{(11)}m_{101}^{(21)}m_{011}^{(00)}\\
&-m_{010}^{(22)}m_{200}^{(11)}m_{020}^{(00)}m_{002}^{(20)} + m_{010}^{(22)}m_{200}^{(11)}m_{011}^{(00)}m_{011}^{(20)} + m_{010}^{(22)}m_{200}^{(11)}m_{011}^{(00)}m_{002}^{(10)}
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&-m_{010}^{(22)}m_{200}^{(11)}m_{011}^{(10)}m_{002}^{(00)} - m_{010}^{(22)}m_{200}^{(20)}m_{110}^{(10)}m_{011}^{(21)} + m_{010}^{(22)}m_{200}^{(20)}m_{110}^{(10)}m_{002}^{(11)}\\
&+m_{010}^{(22)}m_{200}^{(20)}m_{110}^{(11)}m_{011}^{(20)} - m_{010}^{(22)}m_{200}^{(20)}m_{110}^{(11)}m_{002}^{(10)} + m_{010}^{(22)}m_{200}^{(20)}m_{101}^{(10)}m_{020}^{(21)}\\
&-m_{010}^{(22)}m_{200}^{(20)}m_{101}^{(10)}m_{011}^{(11)} - m_{010}^{(22)}m_{200}^{(20)}m_{101}^{(11)}m_{020}^{(20)} + m_{010}^{(22)}m_{200}^{(20)}m_{101}^{(11)}m_{011}^{(10)}\\
&+m_{010}^{(22)}m_{200}^{(21)}m_{110}^{(00)}m_{011}^{(21)} - m_{010}^{(22)}m_{200}^{(21)}m_{110}^{(10)}m_{011}^{(20)} - m_{010}^{(22)}m_{200}^{(21)}m_{110}^{(10)}m_{002}^{(10)}\\
&+m_{010}^{(22)}m_{200}^{(21)}m_{110}^{(11)}m_{002}^{(00)} - m_{010}^{(22)}m_{200}^{(21)}m_{101}^{(00)}m_{020}^{(21)} + m_{010}^{(22)}m_{200}^{(21)}m_{101}^{(10)}m_{020}^{(20)}\\
&+m_{010}^{(22)}m_{200}^{(21)}m_{101}^{(10)}m_{011}^{(10)} - m_{010}^{(22)}m_{200}^{(21)}m_{101}^{(11)}m_{011}^{(00)} + m_{010}^{(22)}m_{110}^{(00)}m_{110}^{(11)}m_{002}^{(20)}\\
&-m_{010}^{(22)}m_{110}^{(00)}m_{110}^{(20)}m_{002}^{(11)} - m_{010}^{(22)}m_{110}^{(00)}m_{110}^{(21)}m_{101}^{(21)} + m_{010}^{(22)}m_{110}^{(00)}m_{110}^{(21)}m_{002}^{(10)}\\
&+m_{010}^{(22)}m_{110}^{(00)}m_{101}^{(10)}m_{002}^{(11)} + m_{010}^{(22)}m_{110}^{(00)}m_{101}^{(11)}m_{101}^{(21)} - m_{010}^{(22)}m_{110}^{(00)}m_{101}^{(11)}m_{002}^{(10)}\\
&-m_{010}^{(22)}m_{110}^{(00)}m_{101}^{(21)}m_{011}^{(10)} + m_{010}^{(22)}m_{110}^{(00)}m_{011}^{(00)}m_{002}^{(11)} - m_{010}^{(22)}m_{110}^{(00)}m_{011}^{(11)}m_{002}^{(00)}\\
&-m_{010}^{(22)}(m_{110}^{(10)})^2m_{002}^{(20)} + m_{010}^{(22)}m_{110}^{(10)}m_{110}^{(20)}m_{101}^{(21)} + m_{010}^{(22)}m_{110}^{(10)}m_{110}^{(20)}m_{002}^{(10)}\\
&+m_{010}^{(22)}m_{110}^{(10)}m_{110}^{(21)}m_{101}^{(20)} - m_{010}^{(22)}m_{110}^{(10)}m_{110}^{(21)}m_{002}^{(00)} + m_{010}^{(22)}m_{110}^{(10)}m_{101}^{(10)}m_{101}^{(21)}\\
&-3m_{010}^{(22)}m_{110}^{(10)}m_{101}^{(11)}m_{101}^{(20)} + m_{010}^{(22)}m_{110}^{(10)}m_{101}^{(20)}m_{011}^{(10)} + m_{010}^{(22)}m_{110}^{(10)}m_{101}^{(21)}m_{011}^{(00)}\\
&-2m_{010}^{(22)}m_{110}^{(10)}m_{011}^{(00)}m_{002}^{(10)} + 2m_{010}^{(22)}m_{110}^{(10)}m_{011}^{(10)}m_{002}^{(00)} - m_{010}^{(22)}m_{110}^{(11)}m_{110}^{(20)}m_{101}^{(20)}\\
&-2m_{010}^{(22)}m_{110}^{(11)}m_{101}^{(00)}m_{101}^{(21)} - m_{010}^{(22)}m_{110}^{(11)}m_{101}^{(00)}m_{002}^{(10)} + 3m_{010}^{(22)}m_{110}^{(11)}m_{101}^{(10)}m_{101}^{(20)}\\
&+m_{010}^{(22)}m_{110}^{(11)}m_{101}^{(10)}m_{002}^{(00)} - m_{010}^{(22)}m_{110}^{(11)}m_{101}^{(20)}m_{011}^{(00)} + m_{010}^{(22)}(m_{110}^{(20)})^2m_{101}^{(11)}\\
&-2m_{010}^{(22)}m_{110}^{(20)}m_{110}^{(21)}m_{101}^{(10)} + m_{010}^{(22)}m_{110}^{(20)}m_{101}^{(00)}m_{011}^{(11)} - m_{010}^{(22)}m_{110}^{(20)}m_{101}^{(10)}m_{011}^{(10)}\\
&+m_{010}^{(22)}(m_{110}^{(21)})^2m_{101}^{(00)} + m_{010}^{(22)}m_{110}^{(21)}m_{101}^{(00)}m_{101}^{(11)} - m_{010}^{(22)}m_{110}^{(21)}m_{101}^{(00)}m_{011}^{(10)}\\
&-m_{010}^{(22)}m_{110}^{(21)}(m_{101}^{(10)})^2 + m_{010}^{(22)}m_{110}^{(21)}m_{101}^{(10)}m_{011}^{(00)} - m_{010}^{(22)}m_{101}^{(00)}m_{101}^{(10)}m_{011}^{(11)}\\
&-m_{010}^{(22)}m_{101}^{(00)}m_{101}^{(11)}m_{020}^{(20)} + 2m_{010}^{(22)}m_{101}^{(00)}m_{101}^{(11)}m_{011}^{(10)} + m_{010}^{(22)}m_{101}^{(00)}m_{101}^{(21)}m_{020}^{(10)}\\
&-m_{010}^{(22)}m_{101}^{(00)}m_{020}^{(00)}m_{002}^{(11)} + 2m_{010}^{(22)}m_{101}^{(00)}m_{020}^{(10)}m_{002}^{(10)} + m_{010}^{(22)}m_{101}^{(00)}m_{011}^{(00)}m_{011}^{(11)}\\
&-2m_{010}^{(22)}m_{101}^{(00)}(m_{011}^{(10)})^2 + m_{010}^{(22)}(m_{101}^{(10)})^2m_{020}^{(20)} - m_{010}^{(22)}m_{101}^{(10)}m_{101}^{(11)}m_{011}^{(00)}\\
&-m_{010}^{(22)}m_{101}^{(10)}m_{101}^{(20)}m_{020}^{(10)} - m_{010}^{(22)}m_{101}^{(10)}m_{101}^{(21)}m_{020}^{(00)} - 2m_{010}^{(22)}m_{101}^{(10)}m_{020}^{(10)}m_{002}^{(00)}\\
&+2m_{010}^{(22)}m_{101}^{(10)}m_{011}^{(00)}m_{011}^{(10)} + m_{010}^{(22)}m_{101}^{(11)}m_{101}^{(20)}m_{020}^{(00)} + m_{010}^{(22)}m_{101}^{(11)}m_{020}^{(00)}m_{002}^{(00)}\\
&-m_{010}^{(22)}m_{101}^{(11)}(m_{011}^{(00)})^2 - 2m_{001}^{(00)}m_{200}^{(10)}m_{020}^{(21)}m_{011}^{(22)} + m_{001}^{(00)}m_{200}^{(10)}m_{020}^{(21)}m_{002}^{(21)}\\
&+2m_{001}^{(00)}m_{200}^{(10)}m_{020}^{(22)}m_{011}^{(21)} - m_{001}^{(00)}m_{200}^{(10)}m_{020}^{(22)}m_{002}^{(11)} + m_{001}^{(00)}m_{200}^{(10)}m_{011}^{(22)}m_{011}^{(11)}\\
&-m_{001}^{(00)}m_{200}^{(10)}(m_{011}^{(21)})^2 + m_{001}^{(00)}m_{200}^{(11)}m_{110}^{(21)}m_{011}^{(22)} - 2m_{001}^{(00)}m_{200}^{(11)}m_{110}^{(21)}m_{002}^{(21)}\\
&+m_{001}^{(00)}m_{200}^{(11)}m_{110}^{(22)}m_{002}^{(11)} - m_{001}^{(00)}m_{200}^{(11)}m_{101}^{(21)}m_{020}^{(22)} + 2m_{001}^{(00)}m_{200}^{(11)}m_{101}^{(21)}m_{011}^{(21)}\\
&-m_{001}^{(00)}m_{200}^{(11)}m_{101}^{(22)}m_{011}^{(11)} + m_{001}^{(00)}m_{200}^{(11)}m_{020}^{(20)}m_{011}^{(22)} + m_{001}^{(00)}m_{200}^{(11)}m_{020}^{(21)}m_{020}^{(20)}\\
&-m_{001}^{(00)}m_{200}^{(11)}m_{020}^{(22)}m_{011}^{(20)} - m_{001}^{(00)}m_{200}^{(11)}m_{011}^{(20)}m_{011}^{(21)} + m_{001}^{(00)}m_{200}^{(11)}m_{020}^{(20)}m_{011}^{(22)}\\
&-m_{001}^{(00)}m_{200}^{(20)}m_{020}^{(11)}m_{002}^{(21)} + m_{001}^{(00)}m_{200}^{(20)}m_{020}^{(21)}m_{002}^{(11)} - m_{001}^{(00)}m_{200}^{(20)}m_{020}^{(22)}m_{011}^{(11)}\\
&-m_{001}^{(00)}m_{200}^{(21)}m_{110}^{(11)}m_{011}^{(22)} + 2m_{001}^{(00)}m_{200}^{(21)}m_{110}^{(11)}m_{002}^{(21)} - m_{001}^{(00)}m_{200}^{(21)}m_{110}^{(22)}m_{011}^{(11)}\\
&+m_{001}^{(00)}m_{200}^{(21)}m_{101}^{(11)}m_{020}^{(22)} - 2m_{001}^{(00)}m_{200}^{(21)}m_{101}^{(11)}m_{011}^{(21)} + m_{001}^{(00)}m_{200}^{(21)}m_{101}^{(22)}m_{020}^{(11)}\\
&-m_{001}^{(00)}m_{200}^{(21)}m_{020}^{(10)}m_{011}^{(22)} - m_{001}^{(00)}m_{200}^{(21)}m_{020}^{(11)}m_{002}^{(20)} - m_{001}^{(00)}m_{200}^{(21)}m_{020}^{(20)}m_{011}^{(21)}\\
&+m_{001}^{(00)}m_{200}^{(21)}m_{020}^{(21)}m_{011}^{(20)} - m_{001}^{(00)}m_{200}^{(21)}m_{020}^{(21)}m_{002}^{(10)} + m_{001}^{(00)}m_{200}^{(21)}m_{020}^{(22)}m_{011}^{(10)}\\
&+m_{001}^{(00)}m_{200}^{(21)}m_{011}^{(10)}m_{011}^{(21)} + m_{001}^{(00)}m_{200}^{(21)}m_{011}^{(11)}m_{011}^{(20)} - m_{001}^{(00)}m_{200}^{(22)}m_{110}^{(11)}m_{002}^{(11)}\\
&+m_{001}^{(00)}m_{200}^{(22)}m_{110}^{(21)}m_{011}^{(11)} + m_{001}^{(00)}m_{200}^{(22)}m_{101}^{(11)}m_{011}^{(11)} - m_{001}^{(00)}m_{200}^{(22)}m_{101}^{(21)}m_{020}^{(11)}\\
&+m_{001}^{(00)}m_{200}^{(22)}m_{020}^{(10)}m_{011}^{(21)} + m_{001}^{(00)}m_{200}^{(22)}m_{020}^{(11)}m_{002}^{(10)} - m_{001}^{(00)}m_{200}^{(22)}m_{020}^{(21)}m_{011}^{(10)}\\
&-m_{001}^{(00)}m_{200}^{(22)}m_{011}^{(10)}m_{011}^{(11)} + 3m_{001}^{(00)}m_{110}^{(10)}m_{110}^{(21)}m_{011}^{(22)} - m_{001}^{(00)}m_{110}^{(10)}m_{110}^{(21)}m_{002}^{(21)}
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\begin{aligned}
&-3m_{001}^{(00)}m_{110}^{(10)}m_{110}^{(22)}m_{011}^{(21)} + m_{001}^{(00)}m_{110}^{(10)}m_{110}^{(22)}m_{002}^{(11)} - m_{001}^{(00)}m_{110}^{(10)}m_{101}^{(11)}m_{011}^{(22)}\\
&-m_{001}^{(00)}m_{110}^{(10)}m_{101}^{(21)}m_{020}^{(22)} + m_{001}^{(00)}m_{110}^{(10)}m_{101}^{(21)}m_{011}^{(21)} + m_{001}^{(00)}m_{110}^{(10)}m_{101}^{(22)}m_{020}^{(21)}\\
&-m_{001}^{(00)}m_{110}^{(10)}m_{020}^{(21)}m_{002}^{(20)} + m_{001}^{(00)}m_{110}^{(10)}m_{020}^{(22)}m_{002}^{(10)} - m_{001}^{(00)}m_{110}^{(10)}m_{011}^{(10)}m_{011}^{(22)}\\
&+m_{001}^{(00)}m_{110}^{(10)}m_{011}^{(20)}m_{011}^{(21)} - 2m_{001}^{(00)}m_{110}^{(11)}m_{110}^{(20)}m_{011}^{(22)} + m_{001}^{(00)}m_{110}^{(11)}m_{110}^{(20)}m_{002}^{(21)}\\
&-m_{001}^{(00)}m_{110}^{(11)}m_{110}^{(21)}m_{101}^{(22)} + 2m_{001}^{(00)}m_{110}^{(11)}m_{110}^{(22)}m_{101}^{(21)} + m_{001}^{(00)}m_{110}^{(11)}m_{110}^{(22)}m_{011}^{(20)}\\
&-m_{001}^{(00)}m_{110}^{(11)}m_{110}^{(22)}m_{002}^{(10)} + m_{001}^{(00)}m_{110}^{(11)}m_{101}^{(11)}m_{101}^{(22)} + m_{001}^{(00)}m_{110}^{(11)}m_{101}^{(20)}m_{020}^{(22)}\\
&-2m_{001}^{(00)}m_{110}^{(11)}(m_{101}^{(21)})^2 - m_{001}^{(00)}m_{110}^{(11)}m_{101}^{(21)}m_{011}^{(20)} + m_{001}^{(00)}m_{110}^{(11)}m_{101}^{(22)}m_{011}^{(10)}\\
&-m_{001}^{(00)}m_{110}^{(11)}m_{020}^{(20)}m_{002}^{(20)} + m_{001}^{(00)}m_{110}^{(11)}(m_{011}^{(20)})^2 + m_{001}^{(00)}m_{110}^{(20)}m_{110}^{(21)}m_{011}^{(21)}\\
&-m_{001}^{(00)}m_{110}^{(20)}m_{110}^{(21)}m_{002}^{(11)} + m_{001}^{(00)}m_{110}^{(20)}m_{110}^{(22)}m_{011}^{(11)} + m_{001}^{(00)}m_{110}^{(20)}m_{101}^{(11)}m_{020}^{(22)}\\
&+m_{001}^{(00)}m_{110}^{(20)}m_{101}^{(11)}m_{011}^{(21)} - m_{001}^{(00)}m_{110}^{(20)}m_{101}^{(21)}m_{020}^{(21)} - m_{001}^{(00)}m_{110}^{(20)}m_{101}^{(21)}m_{011}^{(11)}\\
&+m_{001}^{(00)}m_{110}^{(20)}m_{020}^{(11)}m_{002}^{(20)} - m_{001}^{(00)}m_{110}^{(20)}m_{020}^{(21)}m_{002}^{(10)} + m_{001}^{(00)}m_{110}^{(20)}m_{011}^{(10)}m_{011}^{(21)}\\
&-m_{001}^{(00)}m_{110}^{(20)}m_{011}^{(11)}m_{011}^{(20)} - m_{001}^{(00)}(m_{110}^{(21)})^2m_{011}^{(20)} + m_{001}^{(00)}(m_{110}^{(21)})^2m_{002}^{(10)}\\
&-m_{001}^{(00)}m_{110}^{(21)}m_{110}^{(22)}m_{101}^{(11)} - 2m_{001}^{(00)}m_{110}^{(21)}m_{101}^{(10)}m_{020}^{(22)} + 2m_{001}^{(00)}m_{110}^{(21)}m_{101}^{(11)}m_{101}^{(21)}\\
&+m_{001}^{(00)}m_{110}^{(21)}m_{101}^{(11)}m_{011}^{(20)} + m_{001}^{(00)}m_{110}^{(21)}m_{101}^{(21)}m_{020}^{(20)} - m_{001}^{(00)}m_{110}^{(21)}m_{101}^{(21)}m_{011}^{(10)}\\
&-m_{001}^{(00)}m_{110}^{(21)}m_{101}^{(22)}m_{020}^{(10)} + m_{001}^{(00)}m_{110}^{(21)}m_{020}^{(10)}m_{002}^{(20)} + m_{001}^{(00)}m_{110}^{(21)}m_{020}^{(20)}m_{002}^{(10)}\\
&-2m_{001}^{(00)}m_{110}^{(21)}m_{011}^{(10)}m_{011}^{(20)} + 2m_{001}^{(00)}m_{110}^{(22)}m_{101}^{(10)}m_{020}^{(21)} - m_{001}^{(00)}m_{110}^{(22)}(m_{101}^{(11)})^2\\
&-m_{001}^{(00)}m_{110}^{(22)}m_{101}^{(11)}m_{020}^{(20)} - m_{001}^{(00)}m_{110}^{(22)}m_{101}^{(20)}m_{020}^{(11)} + m_{001}^{(00)}m_{110}^{(22)}m_{101}^{(21)}m_{020}^{(10)}\\
&-m_{001}^{(00)}m_{110}^{(22)}m_{020}^{(10)}m_{002}^{(10)} + m_{001}^{(00)}m_{110}^{(22)}(m_{011}^{(10)})^2 + m_{001}^{(00)}m_{101}^{(10)}m_{101}^{(11)}m_{020}^{(22)}\\
&-m_{001}^{(00)}m_{101}^{(10)}m_{101}^{(22)}m_{020}^{(11)} + m_{001}^{(00)}m_{101}^{(10)}m_{020}^{(10)}m_{011}^{(22)} - m_{001}^{(00)}m_{101}^{(10)}m_{020}^{(20)}m_{011}^{(21)}\\
&+m_{001}^{(00)}m_{101}^{(10)}m_{020}^{(21)}m_{011}^{(20)} - m_{001}^{(00)}m_{101}^{(10)}m_{020}^{(22)}m_{011}^{(10)} - 2m_{001}^{(00)}m_{101}^{(11)}m_{101}^{(20)}m_{020}^{(21)}\\
&+2m_{001}^{(00)}m_{101}^{(20)}m_{101}^{(21)}m_{020}^{(11)} - m_{001}^{(00)}m_{101}^{(20)}m_{020}^{(10)}m_{011}^{(21)} - m_{001}^{(00)}m_{101}^{(20)}m_{020}^{(11)}m_{011}^{(20)}\\
&+m_{001}^{(00)}m_{101}^{(20)}m_{020}^{(20)}m_{011}^{(11)} + m_{001}^{(00)}m_{101}^{(20)}m_{020}^{(21)}m_{011}^{(10)} + 2m_{001}^{(10)}m_{200}^{(00)}m_{020}^{(21)}m_{011}^{(22)}\\
&-m_{001}^{(10)}m_{200}^{(00)}m_{020}^{(21)}m_{002}^{(21)} - 2m_{001}^{(10)}m_{200}^{(00)}m_{020}^{(22)}m_{011}^{(21)} + m_{001}^{(10)}m_{200}^{(00)}m_{020}^{(22)}m_{002}^{(11)}\\
&-m_{001}^{(10)}m_{200}^{(00)}m_{011}^{(11)}m_{011}^{(22)} + m_{001}^{(10)}m_{200}^{(00)}(m_{011}^{(21)})^2 - m_{001}^{(10)}m_{200}^{(10)}m_{110}^{(21)}m_{011}^{(22)}\\
&+3m_{001}^{(10)}m_{200}^{(10)}m_{110}^{(21)}m_{002}^{(21)} - m_{001}^{(10)}m_{200}^{(10)}m_{110}^{(22)}m_{011}^{(21)} - m_{001}^{(10)}m_{200}^{(10)}m_{110}^{(22)}m_{002}^{(11)}\\
&+m_{001}^{(10)}m_{200}^{(10)}m_{101}^{(21)}m_{020}^{(22)} - 3m_{001}^{(10)}m_{200}^{(10)}m_{101}^{(21)}m_{011}^{(21)} + m_{001}^{(10)}m_{200}^{(10)}m_{101}^{(22)}m_{020}^{(21)}\\
&+m_{001}^{(10)}m_{200}^{(10)}m_{101}^{(22)}m_{011}^{(11)} - m_{001}^{(10)}m_{200}^{(10)}m_{020}^{(20)}m_{002}^{(21)} - 2m_{001}^{(10)}m_{200}^{(10)}m_{020}^{(21)}m_{002}^{(20)}\\
&+m_{001}^{(10)}m_{200}^{(10)}m_{020}^{(22)}m_{002}^{(10)} - m_{001}^{(10)}m_{200}^{(10)}m_{011}^{(10)}m_{011}^{(22)} + 3m_{001}^{(10)}m_{200}^{(10)}m_{011}^{(20)}m_{011}^{(21)}\\
&-m_{001}^{(10)}m_{200}^{(11)}m_{110}^{(20)}m_{011}^{(22)} + m_{001}^{(10)}m_{200}^{(11)}m_{110}^{(20)}m_{002}^{(21)} + m_{001}^{(10)}m_{200}^{(11)}m_{110}^{(22)}m_{011}^{(20)}\\
&-m_{001}^{(10)}m_{200}^{(11)}m_{110}^{(22)}m_{002}^{(10)} + m_{001}^{(10)}m_{200}^{(11)}m_{101}^{(20)}m_{020}^{(22)} - m_{001}^{(10)}m_{200}^{(11)}m_{101}^{(20)}m_{011}^{(21)}\\
&-m_{001}^{(10)}m_{200}^{(11)}m_{101}^{(22)}m_{020}^{(20)} + m_{001}^{(10)}m_{200}^{(11)}m_{101}^{(22)}m_{011}^{(10)} + m_{001}^{(10)}m_{200}^{(20)}m_{110}^{(11)}m_{011}^{(22)}\\
&-m_{001}^{(10)}m_{200}^{(20)}m_{110}^{(11)}m_{002}^{(21)} - m_{001}^{(10)}m_{200}^{(20)}m_{110}^{(21)}m_{011}^{(21)} - m_{001}^{(10)}m_{200}^{(20)}m_{110}^{(21)}m_{002}^{(11)}\\
&+2m_{001}^{(10)}m_{200}^{(20)}m_{110}^{(22)}m_{011}^{(11)} - m_{001}^{(10)}m_{200}^{(20)}m_{101}^{(11)}m_{020}^{(22)} + m_{001}^{(10)}m_{200}^{(20)}m_{101}^{(11)}m_{011}^{(21)}\\
&+m_{001}^{(10)}m_{200}^{(20)}m_{101}^{(21)}m_{020}^{(21)} + m_{001}^{(10)}m_{200}^{(20)}m_{101}^{(21)}m_{011}^{(11)} - 2m_{001}^{(10)}m_{200}^{(20)}m_{101}^{(22)}m_{020}^{(11)}\\
&-m_{001}^{(10)}m_{200}^{(20)}m_{020}^{(10)}m_{011}^{(22)} + 2m_{001}^{(10)}m_{200}^{(20)}m_{020}^{(10)}m_{002}^{(21)} + m_{001}^{(10)}m_{200}^{(20)}m_{020}^{(11)}m_{002}^{(20)}\\
&+m_{001}^{(10)}m_{200}^{(20)}m_{020}^{(20)}m_{011}^{(21)} - m_{001}^{(10)}m_{200}^{(20)}m_{020}^{(20)}m_{002}^{(11)} - m_{001}^{(10)}m_{200}^{(20)}m_{020}^{(21)}m_{011}^{(20)}\\
&+m_{001}^{(10)}m_{200}^{(20)}m_{020}^{(22)}m_{011}^{(10)} - 2m_{001}^{(10)}m_{200}^{(20)}m_{011}^{(10)}m_{011}^{(21)} + m_{001}^{(10)}m_{200}^{(21)}m_{110}^{(10)}m_{011}^{(22)}\\
&-3m_{001}^{(10)}m_{200}^{(21)}m_{110}^{(10)}m_{002}^{(21)} + m_{001}^{(10)}m_{200}^{(21)}m_{110}^{(20)}m_{011}^{(21)} + m_{001}^{(10)}m_{200}^{(21)}m_{110}^{(20)}m_{002}^{(11)}
\end{aligned}
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\begin{aligned}
&-m_{001}^{(10)}m_{200}^{(21)}m_{101}^{(10)}m_{020}^{(22)} + 3m_{001}^{(10)}m_{200}^{(21)}m_{101}^{(10)}m_{011}^{(21)} - m_{001}^{(10)}m_{200}^{(21)}m_{101}^{(20)}m_{020}^{(21)}\\
&-m_{001}^{(10)}m_{200}^{(21)}m_{101}^{(20)}m_{011}^{(11)} + m_{001}^{(10)}m_{200}^{(21)}m_{020}^{(00)}m_{011}^{(22)} + m_{001}^{(10)}m_{200}^{(21)}m_{020}^{(10)}m_{002}^{(20)}\\
&+m_{001}^{(10)}m_{200}^{(21)}m_{020}^{(21)}m_{002}^{(00)} - m_{001}^{(10)}m_{200}^{(21)}m_{020}^{(22)}m_{011}^{(00)} - m_{001}^{(10)}m_{200}^{(21)}m_{011}^{(00)}m_{011}^{(21)}\\
&-m_{001}^{(10)}m_{200}^{(21)}m_{011}^{(10)}m_{011}^{(20)} + m_{001}^{(10)}m_{200}^{(22)}m_{110}^{(10)}m_{011}^{(21)} + m_{001}^{(10)}m_{200}^{(22)}m_{110}^{(10)}m_{002}^{(11)}\\
&-m_{001}^{(10)}m_{200}^{(22)}m_{110}^{(11)}m_{011}^{(20)} + m_{001}^{(10)}m_{200}^{(22)}m_{110}^{(11)}m_{002}^{(10)} - 2m_{001}^{(10)}m_{200}^{(22)}m_{110}^{(20)}m_{011}^{(11)}\\
&-m_{001}^{(10)}m_{200}^{(22)}m_{101}^{(10)}m_{020}^{(21)} - m_{001}^{(10)}m_{200}^{(22)}m_{101}^{(10)}m_{011}^{(11)} + m_{001}^{(10)}m_{200}^{(22)}m_{101}^{(11)}m_{020}^{(20)}\\
&-m_{001}^{(10)}m_{200}^{(22)}m_{101}^{(11)}m_{011}^{(10)} + 2m_{001}^{(10)}m_{200}^{(22)}m_{101}^{(20)}m_{020}^{(11)} - m_{001}^{(10)}m_{200}^{(22)}m_{020}^{(00)}m_{011}^{(21)}\\
&-m_{001}^{(10)}m_{200}^{(22)}m_{020}^{(10)}m_{011}^{(20)} - m_{001}^{(10)}m_{200}^{(22)}m_{020}^{(10)}m_{002}^{(10)} - m_{001}^{(10)}m_{200}^{(22)}m_{020}^{(11)}m_{002}^{(00)}\\
&+m_{001}^{(10)}m_{200}^{(22)}m_{020}^{(20)}m_{011}^{(10)} + m_{001}^{(10)}m_{200}^{(22)}m_{020}^{(21)}m_{011}^{(00)} + m_{001}^{(10)}m_{200}^{(22)}m_{011}^{(00)}m_{011}^{(11)}\\
&+m_{001}^{(10)}m_{200}^{(22)}(m_{011}^{(10)})^2 - 3m_{001}^{(10)}m_{110}^{(00)}m_{110}^{(21)}m_{011}^{(22)} + m_{001}^{(10)}m_{110}^{(00)}m_{110}^{(21)}m_{002}^{(21)}\\
&+3m_{001}^{(10)}m_{110}^{(00)}m_{110}^{(22)}m_{011}^{(21)} - m_{001}^{(10)}m_{110}^{(00)}m_{110}^{(22)}m_{002}^{(11)} + m_{001}^{(10)}m_{110}^{(00)}m_{101}^{(11)}m_{011}^{(22)}\\
&+m_{001}^{(10)}m_{110}^{(00)}m_{101}^{(21)}m_{020}^{(22)} - m_{001}^{(10)}m_{110}^{(00)}m_{101}^{(21)}m_{011}^{(21)} - m_{001}^{(10)}m_{110}^{(00)}m_{101}^{(22)}m_{020}^{(21)}\\
&+m_{001}^{(10)}m_{110}^{(00)}m_{020}^{(21)}m_{002}^{(20)} - m_{001}^{(10)}m_{110}^{(00)}m_{020}^{(22)}m_{002}^{(10)} + m_{001}^{(10)}m_{110}^{(00)}m_{011}^{(10)}m_{011}^{(22)}\\
&-m_{001}^{(10)}m_{110}^{(00)}m_{011}^{(20)}m_{011}^{(21)} + m_{001}^{(10)}m_{110}^{(10)}m_{110}^{(20)}m_{011}^{(22)} - m_{001}^{(10)}m_{110}^{(10)}m_{110}^{(20)}m_{002}^{(21)}\\
&-m_{001}^{(10)}m_{110}^{(10)}m_{110}^{(21)}m_{101}^{(22)} + m_{001}^{(10)}m_{110}^{(10)}m_{110}^{(21)}m_{002}^{(20)} - m_{001}^{(10)}m_{110}^{(10)}m_{110}^{(22)}m_{101}^{(21)}\\
&+m_{001}^{(10)}m_{110}^{(10)}m_{110}^{(22)}m_{011}^{(20)} + m_{001}^{(10)}m_{110}^{(10)}m_{101}^{(10)}m_{011}^{(22)} - m_{001}^{(10)}m_{110}^{(10)}m_{101}^{(11)}m_{101}^{(22)}\\
&-m_{001}^{(10)}m_{110}^{(10)}m_{101}^{(20)}m_{020}^{(22)} + 3m_{001}^{(10)}m_{110}^{(10)}(m_{101}^{(21)})^2 - m_{001}^{(10)}m_{110}^{(10)}m_{101}^{(22)}m_{020}^{(20)}\\
&-m_{001}^{(10)}m_{110}^{(10)}m_{101}^{(22)}m_{011}^{(10)} + 3m_{001}^{(10)}m_{110}^{(10)}m_{020}^{(20)}m_{002}^{(20)} - m_{001}^{(10)}m_{110}^{(10)}m_{020}^{(22)}m_{002}^{(00)}\\
&+m_{001}^{(10)}m_{110}^{(10)}m_{011}^{(00)}m_{011}^{(22)} - 3m_{001}^{(10)}m_{110}^{(10)}(m_{011}^{(20)})^2 + 3m_{001}^{(10)}m_{110}^{(11)}m_{110}^{(20)}m_{101}^{(22)}\\
&-m_{001}^{(10)}m_{110}^{(11)}m_{110}^{(20)}m_{002}^{(20)} - 3m_{001}^{(10)}m_{110}^{(11)}m_{110}^{(22)}m_{101}^{(20)} + m_{001}^{(10)}m_{110}^{(11)}m_{110}^{(22)}m_{002}^{(00)}\\
&-m_{001}^{(10)}m_{110}^{(11)}m_{101}^{(10)}m_{101}^{(22)} + m_{001}^{(10)}m_{110}^{(11)}m_{101}^{(20)}m_{101}^{(21)} + m_{001}^{(10)}m_{110}^{(11)}m_{101}^{(20)}m_{011}^{(20)}\\
&-m_{001}^{(10)}m_{110}^{(11)}m_{101}^{(22)}m_{011}^{(00)} - m_{001}^{(10)}(m_{110}^{(20)})^2m_{011}^{(21)} + m_{001}^{(10)}(m_{110}^{(20)})^2m_{002}^{(11)}\\
&-m_{001}^{(10)}m_{110}^{(20)}m_{110}^{(21)}m_{101}^{(21)} + m_{001}^{(10)}m_{110}^{(20)}m_{110}^{(21)}m_{011}^{(20)} - 2m_{001}^{(10)}m_{110}^{(20)}m_{110}^{(22)}m_{011}^{(10)}\\
&-m_{001}^{(10)}m_{110}^{(20)}m_{101}^{(10)}m_{011}^{(21)} - 2m_{001}^{(10)}m_{110}^{(20)}m_{101}^{(11)}m_{101}^{(21)} - m_{001}^{(10)}m_{110}^{(20)}m_{101}^{(11)}m_{011}^{(20)}\\
&+m_{001}^{(10)}m_{110}^{(20)}m_{101}^{(20)}m_{020}^{(21)} + 2m_{001}^{(10)}m_{110}^{(20)}m_{101}^{(21)}m_{011}^{(10)} + m_{001}^{(10)}m_{110}^{(20)}m_{101}^{(22)}m_{020}^{(10)}\\
&-3m_{001}^{(10)}m_{110}^{(20)}m_{020}^{(10)}m_{002}^{(20)} + m_{001}^{(10)}m_{110}^{(20)}m_{020}^{(21)}m_{002}^{(00)} - m_{001}^{(10)}m_{110}^{(20)}m_{011}^{(00)}m_{011}^{(21)}\\
&+3m_{001}^{(10)}m_{110}^{(20)}m_{011}^{(10)}m_{011}^{(20)} + m_{001}^{(10)}(m_{110}^{(21)})^2m_{101}^{(20)} - m_{001}^{(10)}(m_{110}^{(21)})^2m_{002}^{(00)}\\
&+2m_{001}^{(10)}m_{110}^{(21)}m_{110}^{(22)}m_{101}^{(10)} + 2m_{001}^{(10)}m_{110}^{(21)}m_{101}^{(00)}m_{020}^{(22)} - 3m_{001}^{(10)}m_{110}^{(21)}m_{101}^{(10)}m_{101}^{(21)}\\
&-2m_{001}^{(10)}m_{110}^{(21)}m_{101}^{(10)}m_{011}^{(20)} + m_{001}^{(10)}m_{110}^{(21)}m_{101}^{(11)}m_{101}^{(20)} - m_{001}^{(10)}m_{110}^{(21)}m_{101}^{(20)}m_{020}^{(20)}\\
&+m_{001}^{(10)}m_{110}^{(21)}m_{101}^{(20)}m_{011}^{(10)} + m_{001}^{(10)}m_{110}^{(21)}m_{101}^{(21)}m_{011}^{(00)} + m_{001}^{(10)}m_{110}^{(21)}m_{101}^{(22)}m_{020}^{(00)}\\
&-m_{001}^{(10)}m_{110}^{(21)}m_{020}^{(00)}m_{002}^{(20)} - m_{001}^{(10)}m_{110}^{(21)}m_{020}^{(20)}m_{002}^{(00)} + 2m_{001}^{(10)}m_{110}^{(21)}m_{011}^{(00)}m_{011}^{(20)}\\
&-2m_{001}^{(10)}m_{110}^{(22)}m_{101}^{(00)}m_{020}^{(21)} + 2m_{001}^{(10)}m_{110}^{(22)}m_{101}^{(10)}m_{101}^{(11)} + m_{001}^{(10)}m_{110}^{(22)}m_{101}^{(20)}m_{020}^{(10)}\\
&-m_{001}^{(10)}m_{110}^{(22)}m_{101}^{(21)}m_{020}^{(00)} + m_{001}^{(10)}m_{110}^{(22)}m_{020}^{(00)}m_{002}^{(10)} + m_{001}^{(10)}m_{110}^{(22)}m_{020}^{(10)}m_{002}^{(00)}\\
&-2m_{001}^{(10)}m_{110}^{(22)}m_{011}^{(00)}m_{011}^{(10)} - m_{001}^{(10)}m_{101}^{(00)}m_{101}^{(11)}m_{020}^{(22)} + m_{001}^{(10)}m_{101}^{(00)}m_{101}^{(22)}m_{020}^{(11)}\\
&-m_{001}^{(10)}m_{101}^{(00)}m_{020}^{(10)}m_{011}^{(22)} + m_{001}^{(10)}m_{101}^{(00)}m_{020}^{(21)}m_{011}^{(20)} - m_{001}^{(10)}m_{101}^{(00)}m_{020}^{(21)}m_{011}^{(20)}\\
&+m_{001}^{(10)}m_{101}^{(00)}m_{020}^{(22)}m_{011}^{(10)} - m_{001}^{(10)}(m_{101}^{(10)})^2m_{020}^{(22)} + 2m_{001}^{(10)}m_{101}^{(10)}m_{101}^{(20)}m_{020}^{(21)}\\
&+m_{001}^{(10)}m_{101}^{(10)}m_{101}^{(21)}m_{020}^{(20)} + m_{001}^{(10)}m_{101}^{(10)}m_{101}^{(22)}m_{020}^{(10)} - m_{001}^{(10)}m_{101}^{(10)}m_{020}^{(00)}m_{011}^{(22)}\\
&+m_{001}^{(10)}m_{101}^{(10)}m_{020}^{(22)}m_{011}^{(00)} + m_{001}^{(10)}m_{101}^{(11)}m_{101}^{(20)}m_{020}^{(20)} - m_{001}^{(10)}(m_{101}^{(20)})^2m_{020}^{(11)}
\end{aligned}
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\begin{aligned}
&-3m_{001}^{(10)}m_{101}^{(20)}m_{101}^{(21)}m_{020}^{(10)}+m_{001}^{(10)}m_{101}^{(20)}m_{020}^{(00)}m_{011}^{(21)}+3m_{001}^{(10)}m_{101}^{(20)}m_{020}^{(10)}m_{011}^{(20)}\\
&-3m_{001}^{(10)}m_{101}^{(20)}m_{020}^{(20)}m_{011}^{(10)}-m_{001}^{(10)}m_{101}^{(20)}m_{020}^{(21)}m_{011}^{(00)}-m_{001}^{(11)}m_{200}^{(00)}m_{110}^{(21)}m_{002}^{(21)}\\
&+m_{001}^{(11)}m_{200}^{(00)}m_{110}^{(22)}m_{011}^{(21)}+m_{001}^{(11)}m_{200}^{(00)}m_{101}^{(21)}m_{011}^{(21)}-m_{001}^{(11)}m_{200}^{(00)}m_{101}^{(22)}m_{020}^{(21)}\\
&-m_{001}^{(11)}m_{200}^{(00)}m_{020}^{(20)}m_{011}^{(22)}+m_{001}^{(11)}m_{200}^{(00)}m_{020}^{(20)}m_{002}^{(21)}+m_{001}^{(11)}m_{200}^{(00)}m_{020}^{(21)}m_{002}^{(20)}\\
&+m_{001}^{(11)}m_{200}^{(00)}m_{020}^{(22)}m_{011}^{(20)}-m_{001}^{(11)}m_{200}^{(00)}m_{020}^{(22)}m_{002}^{(10)}+m_{001}^{(11)}m_{200}^{(00)}m_{011}^{(10)}m_{011}^{(22)}\\
&-2m_{001}^{(11)}m_{200}^{(00)}m_{011}^{(20)}m_{011}^{(21)}+m_{001}^{(11)}m_{200}^{(10)}m_{110}^{(20)}m_{011}^{(22)}-m_{001}^{(11)}m_{200}^{(10)}m_{110}^{(20)}m_{002}^{(21)}\\
&-m_{001}^{(11)}m_{200}^{(10)}m_{110}^{(22)}m_{011}^{(20)}+m_{001}^{(11)}m_{200}^{(10)}m_{110}^{(22)}m_{002}^{(10)}-m_{001}^{(11)}m_{200}^{(10)}m_{101}^{(20)}m_{020}^{(22)}\\
&+m_{001}^{(11)}m_{200}^{(10)}m_{101}^{(20)}m_{011}^{(21)}+m_{001}^{(11)}m_{200}^{(10)}m_{101}^{(22)}m_{020}^{(20)}-m_{001}^{(11)}m_{200}^{(10)}m_{101}^{(22)}m_{011}^{(10)}\\
&-m_{001}^{(11)}m_{200}^{(20)}m_{110}^{(10)}m_{011}^{(22)}+m_{001}^{(11)}m_{200}^{(20)}m_{110}^{(10)}m_{002}^{(21)}+m_{001}^{(11)}m_{200}^{(20)}m_{110}^{(21)}m_{011}^{(20)}\\
&+m_{001}^{(11)}m_{200}^{(20)}m_{110}^{(21)}m_{002}^{(10)}-2m_{001}^{(11)}m_{200}^{(20)}m_{110}^{(22)}m_{011}^{(10)}+m_{001}^{(11)}m_{200}^{(20)}m_{101}^{(10)}m_{020}^{(22)}\\
&-m_{001}^{(11)}m_{200}^{(20)}m_{101}^{(10)}m_{011}^{(21)}-m_{001}^{(11)}m_{200}^{(20)}m_{101}^{(21)}m_{020}^{(20)}-m_{001}^{(11)}m_{200}^{(20)}m_{101}^{(21)}m_{011}^{(10)}\\
&+2m_{001}^{(11)}m_{200}^{(20)}m_{101}^{(22)}m_{020}^{(10)}-m_{001}^{(11)}m_{200}^{(20)}m_{020}^{(00)}m_{002}^{(21)}-m_{001}^{(11)}m_{200}^{(20)}m_{020}^{(10)}m_{002}^{(20)}\\
&+m_{001}^{(11)}m_{200}^{(20)}m_{020}^{(20)}m_{002}^{(10)}-m_{001}^{(11)}m_{200}^{(20)}m_{020}^{(21)}m_{002}^{(00)}+2m_{001}^{(11)}m_{200}^{(20)}m_{011}^{(00)}m_{011}^{(21)}\\
&+m_{001}^{(11)}m_{200}^{(21)}m_{110}^{(00)}m_{002}^{(21)}-m_{001}^{(11)}m_{200}^{(21)}m_{110}^{(20)}m_{011}^{(20)}-m_{001}^{(11)}m_{200}^{(21)}m_{110}^{(20)}m_{002}^{(10)}\\
&+m_{001}^{(11)}m_{200}^{(21)}m_{110}^{(22)}m_{011}^{(00)}-m_{001}^{(11)}m_{200}^{(21)}m_{101}^{(00)}m_{011}^{(21)}+m_{001}^{(11)}m_{200}^{(21)}m_{101}^{(20)}m_{020}^{(20)}\\
&+m_{001}^{(11)}m_{200}^{(21)}m_{101}^{(20)}m_{011}^{(10)}-m_{001}^{(11)}m_{200}^{(21)}m_{101}^{(22)}m_{020}^{(00)}-m_{001}^{(11)}m_{200}^{(22)}m_{110}^{(00)}m_{011}^{(21)}\\
&+m_{001}^{(11)}m_{200}^{(22)}m_{110}^{(10)}m_{011}^{(20)}-m_{001}^{(11)}m_{200}^{(22)}m_{110}^{(10)}m_{002}^{(10)}+2m_{001}^{(11)}m_{200}^{(22)}m_{110}^{(20)}m_{011}^{(10)}\\
&-m_{001}^{(11)}m_{200}^{(22)}m_{110}^{(21)}m_{011}^{(00)}+m_{001}^{(11)}m_{200}^{(22)}m_{101}^{(00)}m_{020}^{(21)}-m_{001}^{(11)}m_{200}^{(22)}m_{101}^{(10)}m_{020}^{(20)}\\
&+m_{001}^{(11)}m_{200}^{(22)}m_{101}^{(10)}m_{011}^{(10)}-2m_{001}^{(11)}m_{200}^{(22)}m_{101}^{(20)}m_{020}^{(10)}+m_{001}^{(11)}m_{200}^{(22)}m_{101}^{(21)}m_{020}^{(00)}\\
&+m_{001}^{(11)}m_{200}^{(22)}m_{020}^{(00)}m_{011}^{(20)}+m_{001}^{(11)}m_{200}^{(22)}m_{020}^{(10)}m_{002}^{(00)}-m_{001}^{(11)}m_{200}^{(22)}m_{020}^{(20)}m_{011}^{(00)}\\
&-m_{001}^{(11)}m_{200}^{(22)}m_{011}^{(00)}m_{011}^{(10)}+m_{001}^{(11)}m_{110}^{(00)}m_{110}^{(20)}m_{011}^{(22)}+2m_{001}^{(11)}m_{110}^{(00)}m_{110}^{(21)}m_{101}^{(22)}\\
&-m_{001}^{(11)}m_{110}^{(00)}m_{110}^{(21)}m_{002}^{(20)}-m_{001}^{(11)}m_{110}^{(00)}m_{110}^{(22)}m_{101}^{(21)}-2m_{001}^{(11)}m_{110}^{(00)}m_{110}^{(22)}m_{011}^{(20)}\\
&+m_{001}^{(11)}m_{110}^{(00)}m_{110}^{(22)}m_{002}^{(10)}-m_{001}^{(11)}m_{110}^{(00)}m_{101}^{(10)}m_{011}^{(22)}-m_{001}^{(11)}m_{110}^{(00)}(m_{101}^{(21)})^2\\
&+m_{001}^{(11)}m_{110}^{(00)}m_{101}^{(21)}m_{011}^{(20)}+m_{001}^{(11)}m_{110}^{(00)}m_{101}^{(22)}m_{020}^{(20)}-2m_{001}^{(11)}m_{110}^{(00)}m_{020}^{(20)}m_{002}^{(20)}\\
&+m_{001}^{(11)}m_{110}^{(00)}m_{020}^{(22)}m_{002}^{(00)}-m_{001}^{(11)}m_{110}^{(00)}m_{011}^{(00)}m_{011}^{(22)}+2m_{001}^{(11)}m_{110}^{(00)}(m_{011}^{(20)})^2\\
&-3m_{001}^{(11)}m_{110}^{(10)}m_{110}^{(20)}m_{101}^{(22)}+m_{001}^{(11)}m_{110}^{(10)}m_{110}^{(20)}m_{002}^{(20)}+3m_{001}^{(11)}m_{110}^{(10)}m_{110}^{(22)}m_{101}^{(20)}\\
&-m_{001}^{(11)}m_{110}^{(10)}m_{110}^{(22)}m_{002}^{(00)}+m_{001}^{(11)}m_{110}^{(10)}m_{101}^{(10)}m_{101}^{(22)}-m_{001}^{(11)}m_{110}^{(10)}m_{101}^{(20)}m_{101}^{(21)}\\
&-m_{001}^{(11)}m_{110}^{(10)}m_{101}^{(20)}m_{011}^{(20)}+m_{001}^{(11)}m_{110}^{(10)}m_{101}^{(22)}m_{011}^{(00)}+m_{001}^{(11)}(m_{110}^{(20)})^2m_{101}^{(21)}\\
&-m_{001}^{(11)}(m_{110}^{(20)})^2m_{002}^{(10)}-m_{001}^{(11)}m_{110}^{(20)}m_{110}^{(21)}m_{101}^{(20)}+m_{001}^{(11)}m_{110}^{(20)}m_{110}^{(21)}m_{002}^{(00)}\\
&+m_{001}^{(11)}m_{110}^{(20)}m_{110}^{(22)}m_{011}^{(00)}-m_{001}^{(11)}m_{110}^{(20)}m_{101}^{(00)}m_{020}^{(22)}+2m_{001}^{(11)}m_{110}^{(20)}m_{101}^{(10)}m_{101}^{(21)}\\
&+m_{001}^{(11)}m_{110}^{(20)}m_{101}^{(10)}m_{011}^{(20)}-m_{001}^{(11)}m_{110}^{(20)}m_{101}^{(21)}m_{011}^{(00)}-m_{001}^{(11)}m_{110}^{(20)}m_{101}^{(22)}m_{020}^{(00)}\\
&+2m_{001}^{(11)}m_{110}^{(20)}m_{020}^{(00)}m_{002}^{(20)}-2m_{001}^{(11)}m_{110}^{(20)}m_{011}^{(00)}m_{011}^{(20)}-m_{001}^{(11)}m_{110}^{(21)}m_{110}^{(22)}m_{101}^{(00)}\\
&+m_{001}^{(11)}m_{110}^{(21)}m_{101}^{(00)}m_{101}^{(21)}+m_{001}^{(11)}m_{110}^{(21)}m_{101}^{(00)}m_{011}^{(20)}-m_{001}^{(11)}m_{110}^{(21)}m_{101}^{(10)}m_{101}^{(20)}\\
&-m_{001}^{(11)}m_{110}^{(21)}m_{101}^{(20)}m_{011}^{(00)}+m_{001}^{(11)}m_{110}^{(22)}m_{101}^{(00)}m_{020}^{(20)}-m_{001}^{(11)}m_{110}^{(22)}(m_{101}^{(10)})^2\\
&-m_{001}^{(11)}m_{110}^{(22)}m_{020}^{(00)}m_{002}^{(00)}+m_{001}^{(11)}m_{110}^{(22)}(m_{011}^{(00)})^2+m_{001}^{(11)}m_{101}^{(00)}m_{101}^{(10)}m_{101}^{(22)}\\
&-m_{001}^{(11)}m_{101}^{(00)}m_{101}^{(21)}m_{020}^{(20)}-m_{001}^{(11)}m_{101}^{(00)}m_{101}^{(22)}m_{020}^{(10)}+m_{001}^{(11)}m_{101}^{(00)}m_{020}^{(00)}m_{011}^{(22)}\\
&-m_{001}^{(11)}m_{101}^{(00)}m_{020}^{(22)}m_{011}^{(00)}-m_{001}^{(11)}m_{101}^{(10)}m_{101}^{(20)}m_{020}^{(20)}+m_{001}^{(11)}(m_{101}^{(20)})^2m_{020}^{(10)}\\
&+m_{001}^{(11)}m_{101}^{(20)}m_{101}^{(21)}m_{020}^{(00)}-2m_{001}^{(11)}m_{101}^{(20)}m_{020}^{(00)}m_{011}^{(20)}+2m_{001}^{(11)}m_{101}^{(20)}m_{020}^{(20)}m_{011}^{(00)}
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\begin{aligned}
&-m_{001}^{(20)}m_{200}^{(00)}m_{020}^{(11)}m_{011}^{(22)}+m_{001}^{(20)}m_{200}^{(00)}m_{020}^{(11)}m_{002}^{(21)}-m_{001}^{(20)}m_{200}^{(00)}m_{020}^{(21)}m_{002}^{(11)}\\
&+m_{001}^{(20)}m_{200}^{(00)}m_{020}^{(22)}m_{011}^{(11)}-2m_{001}^{(20)}m_{200}^{(10)}m_{110}^{(11)}m_{002}^{(21)}+2m_{001}^{(20)}m_{200}^{(10)}m_{110}^{(21)}m_{011}^{(21)}\\
&+2m_{001}^{(20)}m_{200}^{(10)}m_{101}^{(11)}m_{011}^{(21)}-2m_{001}^{(20)}m_{200}^{(10)}m_{101}^{(21)}m_{020}^{(21)}+2m_{001}^{(20)}m_{200}^{(10)}m_{020}^{(10)}m_{011}^{(22)}\\
&-m_{001}^{(20)}m_{200}^{(10)}m_{020}^{(10)}m_{002}^{(21)}+m_{001}^{(20)}m_{200}^{(10)}m_{020}^{(11)}m_{002}^{(20)}-2m_{001}^{(20)}m_{200}^{(10)}m_{020}^{(20)}m_{011}^{(21)}\\
&+2m_{001}^{(20)}m_{200}^{(10)}m_{020}^{(20)}m_{002}^{(11)}+2m_{001}^{(20)}m_{200}^{(10)}m_{020}^{(21)}m_{011}^{(20)}-2m_{001}^{(20)}m_{200}^{(10)}m_{020}^{(22)}m_{011}^{(10)}\\
&+m_{001}^{(20)}m_{200}^{(10)}m_{011}^{(10)}m_{011}^{(21)}-3m_{001}^{(20)}m_{200}^{(10)}m_{011}^{(11)}m_{011}^{(20)}+2m_{001}^{(20)}m_{200}^{(11)}m_{110}^{(10)}m_{002}^{(21)}\\
&-2m_{001}^{(20)}m_{200}^{(11)}m_{110}^{(20)}m_{002}^{(11)}-2m_{001}^{(20)}m_{200}^{(11)}m_{110}^{(21)}m_{011}^{(20)}+2m_{001}^{(20)}m_{200}^{(11)}m_{110}^{(21)}m_{002}^{(10)}\\
&-2m_{001}^{(20)}m_{200}^{(11)}m_{101}^{(10)}m_{011}^{(21)}+2m_{001}^{(20)}m_{200}^{(11)}m_{101}^{(20)}m_{011}^{(11)}+2m_{001}^{(20)}m_{200}^{(11)}m_{101}^{(21)}m_{020}^{(20)}\\
&-2m_{001}^{(20)}m_{200}^{(11)}m_{101}^{(21)}m_{011}^{(10)}-m_{001}^{(20)}m_{200}^{(11)}m_{020}^{(00)}m_{011}^{(22)}-m_{001}^{(20)}m_{200}^{(11)}m_{020}^{(10)}m_{002}^{(20)}\\
&-m_{001}^{(20)}m_{200}^{(11)}m_{020}^{(21)}m_{002}^{(00)}+m_{001}^{(20)}m_{200}^{(11)}m_{020}^{(22)}m_{011}^{(00)}+m_{001}^{(20)}m_{200}^{(11)}m_{011}^{(00)}m_{011}^{(21)}\\
&+m_{001}^{(20)}m_{200}^{(11)}m_{011}^{(10)}m_{011}^{(20)}+2m_{001}^{(20)}m_{200}^{(20)}m_{110}^{(11)}m_{002}^{(11)}-2m_{001}^{(20)}m_{200}^{(20)}m_{110}^{(21)}m_{011}^{(11)}\\
&-2m_{001}^{(20)}m_{200}^{(20)}m_{101}^{(11)}m_{011}^{(11)}+2m_{001}^{(20)}m_{200}^{(20)}m_{101}^{(21)}m_{020}^{(11)}-m_{001}^{(20)}m_{200}^{(20)}m_{020}^{(10)}m_{011}^{(21)}\\
&-m_{001}^{(20)}m_{200}^{(20)}m_{020}^{(10)}m_{002}^{(11)}-m_{001}^{(20)}m_{200}^{(20)}m_{020}^{(11)}m_{011}^{(20)}-m_{001}^{(20)}m_{200}^{(20)}m_{020}^{(11)}m_{002}^{(10)}\\
&+m_{001}^{(20)}m_{200}^{(20)}m_{020}^{(20)}m_{011}^{(11)}+m_{001}^{(20)}m_{200}^{(20)}m_{020}^{(21)}m_{011}^{(10)}+2m_{001}^{(20)}m_{200}^{(20)}m_{011}^{(10)}m_{011}^{(11)}\\
&-2m_{001}^{(20)}m_{200}^{(21)}m_{110}^{(10)}m_{011}^{(21)}+2m_{001}^{(20)}m_{200}^{(21)}m_{110}^{(11)}m_{011}^{(20)}-2m_{001}^{(20)}m_{200}^{(21)}m_{110}^{(11)}m_{002}^{(10)}\\
&+2m_{001}^{(20)}m_{200}^{(21)}m_{110}^{(20)}m_{011}^{(11)}+2m_{001}^{(20)}m_{200}^{(21)}m_{101}^{(10)}m_{020}^{(21)}-2m_{001}^{(20)}m_{200}^{(21)}m_{101}^{(11)}m_{020}^{(20)}\\
&+2m_{001}^{(20)}m_{200}^{(21)}m_{101}^{(11)}m_{011}^{(10)}-2m_{001}^{(20)}m_{200}^{(21)}m_{101}^{(20)}m_{020}^{(11)}+m_{001}^{(20)}m_{200}^{(21)}m_{020}^{(00)}m_{011}^{(21)}\\
&+m_{001}^{(20)}m_{200}^{(21)}m_{020}^{(10)}m_{011}^{(20)}+m_{001}^{(20)}m_{200}^{(21)}m_{020}^{(10)}m_{002}^{(10)}+m_{001}^{(20)}m_{200}^{(21)}m_{020}^{(11)}m_{002}^{(00)}\\
&-m_{001}^{(20)}m_{200}^{(21)}m_{020}^{(20)}m_{011}^{(10)}-m_{001}^{(20)}m_{200}^{(21)}m_{020}^{(21)}m_{011}^{(00)}-m_{001}^{(20)}m_{200}^{(21)}m_{011}^{(00)}m_{011}^{(11)}\\
&-m_{001}^{(20)}m_{200}^{(21)}(m_{011}^{(10)})^2+2m_{001}^{(20)}m_{110}^{(00)}m_{110}^{(11)}m_{011}^{(22)}-m_{001}^{(20)}m_{110}^{(00)}m_{110}^{(11)}m_{002}^{(21)}\\
&-m_{001}^{(20)}m_{110}^{(00)}m_{110}^{(21)}m_{011}^{(21)}+m_{001}^{(20)}m_{110}^{(00)}m_{110}^{(21)}m_{002}^{(11)}-m_{001}^{(20)}m_{110}^{(00)}m_{110}^{(22)}m_{011}^{(11)}\\
&-m_{001}^{(20)}m_{110}^{(00)}m_{101}^{(11)}m_{020}^{(22)}-m_{001}^{(20)}m_{110}^{(00)}m_{101}^{(11)}m_{011}^{(21)}+m_{001}^{(20)}m_{110}^{(00)}m_{101}^{(21)}m_{020}^{(21)}\\
&+m_{001}^{(20)}m_{110}^{(00)}m_{101}^{(21)}m_{011}^{(11)}-m_{001}^{(20)}m_{110}^{(00)}m_{020}^{(11)}m_{002}^{(20)}+m_{001}^{(20)}m_{110}^{(00)}m_{020}^{(21)}m_{002}^{(10)}\\
&-m_{001}^{(20)}m_{110}^{(00)}m_{011}^{(10)}m_{011}^{(21)}+m_{001}^{(20)}m_{110}^{(00)}m_{011}^{(11)}m_{011}^{(20)}-2m_{001}^{(20)}(m_{110}^{(10)})^2m_{011}^{(22)}\\
&+m_{001}^{(20)}(m_{110}^{(10)})^2m_{002}^{(21)}+3m_{001}^{(20)}m_{110}^{(10)}m_{110}^{(20)}m_{011}^{(21)}-m_{001}^{(20)}m_{110}^{(10)}m_{110}^{(20)}m_{002}^{(11)}\\
&+2m_{001}^{(20)}m_{110}^{(10)}m_{110}^{(21)}m_{101}^{(21)}-3m_{001}^{(20)}m_{110}^{(10)}m_{110}^{(21)}m_{011}^{(20)}-m_{001}^{(20)}m_{110}^{(10)}m_{110}^{(21)}m_{002}^{(10)}\\
&+2m_{001}^{(20)}m_{110}^{(10)}m_{110}^{(22)}m_{011}^{(10)}+2m_{001}^{(20)}m_{110}^{(10)}m_{101}^{(10)}m_{020}^{(22)}-m_{001}^{(20)}m_{110}^{(10)}m_{101}^{(10)}m_{011}^{(21)}\\
&-2m_{001}^{(20)}m_{110}^{(10)}m_{101}^{(11)}m_{101}^{(21)}+m_{001}^{(20)}m_{110}^{(10)}m_{101}^{(11)}m_{011}^{(20)}-m_{001}^{(20)}m_{110}^{(10)}m_{101}^{(20)}m_{020}^{(21)}\\
&+m_{001}^{(20)}m_{110}^{(10)}m_{101}^{(21)}m_{020}^{(20)}-3m_{001}^{(20)}m_{110}^{(10)}m_{020}^{(20)}m_{002}^{(10)}+m_{001}^{(20)}m_{110}^{(10)}m_{020}^{(21)}m_{002}^{(00)}\\
&-m_{001}^{(20)}m_{110}^{(10)}m_{011}^{(00)}m_{011}^{(21)}+3m_{001}^{(20)}m_{110}^{(10)}m_{011}^{(10)}m_{011}^{(20)}-4m_{001}^{(20)}m_{110}^{(11)}m_{110}^{(20)}m_{101}^{(21)}\\
&+m_{001}^{(20)}m_{110}^{(11)}m_{110}^{(20)}m_{011}^{(20)}+m_{001}^{(20)}m_{110}^{(11)}m_{110}^{(20)}m_{002}^{(10)}+2m_{001}^{(20)}m_{110}^{(11)}m_{110}^{(21)}m_{101}^{(20)}\\
&-m_{001}^{(20)}m_{110}^{(11)}m_{110}^{(22)}m_{011}^{(00)}-m_{001}^{(20)}m_{110}^{(11)}m_{101}^{(00)}m_{020}^{(22)}+4m_{001}^{(20)}m_{110}^{(11)}m_{101}^{(10)}m_{101}^{(21)}\\
&+m_{001}^{(20)}m_{110}^{(11)}m_{101}^{(10)}m_{011}^{(20)}-2m_{001}^{(20)}m_{110}^{(11)}m_{101}^{(11)}m_{101}^{(20)}-m_{001}^{(20)}m_{110}^{(11)}m_{101}^{(20)}m_{020}^{(20)}\\
&-2m_{001}^{(20)}m_{110}^{(11)}m_{101}^{(20)}m_{011}^{(10)}+m_{001}^{(20)}m_{110}^{(11)}m_{101}^{(21)}m_{011}^{(00)}+m_{001}^{(20)}m_{110}^{(11)}m_{020}^{(00)}m_{002}^{(20)}\\
&+m_{001}^{(20)}m_{110}^{(11)}m_{020}^{(20)}m_{002}^{(00)}-2m_{001}^{(20)}m_{110}^{(11)}m_{011}^{(00)}m_{011}^{(20)}-m_{001}^{(20)}(m_{110}^{(20)})^2m_{011}^{(11)}\\
&+2m_{001}^{(20)}m_{110}^{(20)}m_{110}^{(21)}m_{101}^{(11)}-2m_{001}^{(20)}m_{110}^{(20)}m_{101}^{(10)}m_{020}^{(21)}+m_{001}^{(20)}m_{110}^{(20)}m_{101}^{(10)}m_{011}^{(11)}\\
&+2m_{001}^{(20)}m_{110}^{(20)}(m_{101}^{(11)})^2-m_{001}^{(20)}m_{110}^{(20)}m_{101}^{(11)}m_{011}^{(10)}+m_{001}^{(20)}m_{110}^{(20)}m_{101}^{(20)}m_{011}^{(11)}\\
&-m_{001}^{(20)}m_{110}^{(20)}m_{101}^{(21)}m_{020}^{(10)}+3m_{001}^{(20)}m_{110}^{(20)}m_{020}^{(10)}m_{002}^{(10)}-m_{001}^{(20)}m_{110}^{(20)}m_{020}^{(11)}m_{002}^{(00)}
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&+m_{001}^{(20)}m_{110}^{(20)}m_{011}^{(00)}m_{011}^{(11)} - 3m_{001}^{(20)}m_{110}^{(20)}(m_{011}^{(10)})^2 - 2m_{001}^{(20)}(m_{110}^{(21)})^2m_{101}^{(10)}\\
&+m_{001}^{(20)}(m_{110}^{(21)})^2m_{011}^{(00)} - 2m_{001}^{(20)}m_{110}^{(21)}m_{101}^{(10)}m_{101}^{(11)} + 2m_{001}^{(20)}m_{110}^{(21)}m_{101}^{(10)}m_{020}^{(20)}\\
&+m_{001}^{(20)}m_{110}^{(21)}m_{101}^{(10)}m_{011}^{(10)} - m_{001}^{(20)}m_{110}^{(21)}m_{101}^{(11)}m_{011}^{(00)} + m_{001}^{(20)}m_{110}^{(21)}m_{101}^{(20)}m_{020}^{(10)}\\
&-m_{001}^{(20)}m_{110}^{(21)}m_{101}^{(21)}m_{020}^{(00)} - m_{001}^{(20)}m_{110}^{(21)}m_{020}^{(00)}m_{002}^{(10)} - m_{001}^{(20)}m_{110}^{(21)}m_{020}^{(10)}m_{002}^{(00)}\\
&+2m_{001}^{(20)}m_{110}^{(21)}m_{011}^{(00)}m_{011}^{(10)} + m_{001}^{(20)}m_{110}^{(22)}m_{101}^{(00)}m_{020}^{(11)} - 2m_{001}^{(20)}m_{110}^{(22)}m_{101}^{(10)}m_{020}^{(10)}\\
&+m_{001}^{(20)}m_{110}^{(22)}m_{101}^{(11)}m_{020}^{(00)} + 2m_{001}^{(20)}m_{101}^{(00)}m_{101}^{(11)}m_{020}^{(21)} - 2m_{001}^{(20)}m_{101}^{(00)}m_{101}^{(21)}m_{020}^{(11)}\\
&+m_{001}^{(20)}m_{101}^{(00)}m_{020}^{(10)}m_{011}^{(21)} + m_{001}^{(20)}m_{101}^{(00)}m_{020}^{(11)}m_{011}^{(20)} - m_{001}^{(20)}m_{101}^{(00)}m_{020}^{(20)}m_{011}^{(11)}\\
&-m_{001}^{(20)}m_{101}^{(00)}m_{020}^{(21)}m_{011}^{(10)} - 2m_{001}^{(20)}m_{101}^{(10)}m_{101}^{(11)}m_{020}^{(20)} + m_{001}^{(20)}m_{101}^{(10)}m_{020}^{(00)}m_{011}^{(21)}\\
&-3m_{001}^{(20)}m_{101}^{(10)}m_{020}^{(10)}m_{011}^{(20)} + 3m_{001}^{(20)}m_{101}^{(10)}m_{020}^{(20)}m_{011}^{(10)} - m_{001}^{(20)}m_{101}^{(10)}m_{020}^{(21)}m_{011}^{(00)}\\
&+2m_{001}^{(20)}m_{101}^{(11)}m_{101}^{(20)}m_{020}^{(10)} - m_{001}^{(20)}m_{101}^{(20)}m_{020}^{(00)}m_{011}^{(11)} + m_{001}^{(20)}m_{101}^{(20)}m_{020}^{(11)}m_{011}^{(00)}\\
&+m_{001}^{(21)}m_{200}^{(00)}m_{110}^{(11)}m_{002}^{(21)} - m_{001}^{(21)}m_{200}^{(00)}m_{110}^{(21)}m_{011}^{(21)} + m_{001}^{(21)}m_{200}^{(00)}m_{110}^{(21)}m_{002}^{(11)}\\
&-m_{001}^{(21)}m_{200}^{(00)}m_{110}^{(22)}m_{011}^{(11)} - m_{001}^{(21)}m_{200}^{(00)}m_{101}^{(11)}m_{011}^{(21)} + m_{001}^{(21)}m_{200}^{(00)}m_{101}^{(21)}m_{020}^{(21)}\\
&-m_{001}^{(21)}m_{200}^{(00)}m_{101}^{(21)}m_{011}^{(11)} + m_{001}^{(21)}m_{200}^{(00)}m_{101}^{(22)}m_{020}^{(11)} - m_{001}^{(21)}m_{200}^{(00)}m_{020}^{(10)}m_{002}^{(21)}\\
&-m_{001}^{(21)}m_{200}^{(00)}m_{020}^{(11)}m_{002}^{(20)} + 2m_{001}^{(21)}m_{200}^{(00)}m_{020}^{(20)}m_{011}^{(21)} - m_{001}^{(21)}m_{200}^{(00)}m_{020}^{(20)}m_{002}^{(11)}\\
&-2m_{001}^{(21)}m_{200}^{(00)}m_{020}^{(21)}m_{011}^{(20)} + m_{001}^{(21)}m_{200}^{(00)}m_{020}^{(21)}m_{002}^{(10)} + 2m_{001}^{(21)}m_{200}^{(00)}m_{011}^{(11)}m_{011}^{(20)}\\
&-m_{001}^{(21)}m_{200}^{(10)}m_{110}^{(20)}m_{011}^{(21)} + m_{001}^{(21)}m_{200}^{(10)}m_{110}^{(20)}m_{002}^{(11)} + m_{001}^{(21)}m_{200}^{(10)}m_{110}^{(21)}m_{011}^{(20)}\\
&-3m_{001}^{(21)}m_{200}^{(10)}m_{110}^{(21)}m_{002}^{(10)} + 2m_{001}^{(21)}m_{200}^{(10)}m_{110}^{(22)}m_{011}^{(10)} + m_{001}^{(21)}m_{200}^{(10)}m_{101}^{(20)}m_{020}^{(21)}\\
&-m_{001}^{(21)}m_{200}^{(10)}m_{101}^{(20)}m_{011}^{(11)} - m_{001}^{(21)}m_{200}^{(10)}m_{101}^{(21)}m_{020}^{(20)} + 3m_{001}^{(21)}m_{200}^{(10)}m_{101}^{(21)}m_{011}^{(10)}\\
&-2m_{001}^{(21)}m_{200}^{(10)}m_{101}^{(22)}m_{020}^{(10)} + m_{001}^{(21)}m_{200}^{(10)}m_{020}^{(00)}m_{002}^{(21)} + m_{001}^{(21)}m_{200}^{(10)}m_{020}^{(10)}m_{002}^{(20)}\\
&-m_{001}^{(21)}m_{200}^{(10)}m_{020}^{(20)}m_{002}^{(10)} + m_{001}^{(21)}m_{200}^{(10)}m_{020}^{(21)}m_{002}^{(00)} - 2m_{001}^{(21)}m_{200}^{(10)}m_{011}^{(00)}m_{011}^{(21)}\\
&-m_{001}^{(21)}m_{200}^{(11)}m_{110}^{(00)}m_{002}^{(21)} + m_{001}^{(21)}m_{200}^{(11)}m_{110}^{(20)}m_{011}^{(20)} + m_{001}^{(21)}m_{200}^{(11)}m_{110}^{(20)}m_{002}^{(10)}\\
&-m_{001}^{(21)}m_{200}^{(11)}m_{110}^{(22)}m_{011}^{(00)} + m_{001}^{(21)}m_{200}^{(11)}m_{101}^{(00)}m_{011}^{(21)} - m_{001}^{(21)}m_{200}^{(11)}m_{101}^{(20)}m_{020}^{(20)}\\
&-m_{001}^{(21)}m_{200}^{(11)}m_{101}^{(20)}m_{011}^{(10)} + m_{001}^{(21)}m_{200}^{(11)}m_{101}^{(22)}m_{020}^{(00)} + m_{001}^{(21)}m_{200}^{(20)}m_{110}^{(10)}m_{011}^{(21)}\\
&-m_{001}^{(21)}m_{200}^{(20)}m_{110}^{(10)}m_{002}^{(11)} - m_{001}^{(21)}m_{200}^{(20)}m_{110}^{(11)}m_{011}^{(20)} - m_{001}^{(21)}m_{200}^{(20)}m_{110}^{(11)}m_{002}^{(10)}\\
&+2m_{001}^{(21)}m_{200}^{(20)}m_{110}^{(21)}m_{011}^{(10)} - m_{001}^{(21)}m_{200}^{(20)}m_{101}^{(10)}m_{020}^{(21)} + m_{001}^{(21)}m_{200}^{(20)}m_{101}^{(10)}m_{011}^{(11)}\\
&+m_{001}^{(21)}m_{200}^{(20)}m_{101}^{(11)}m_{020}^{(20)} + m_{001}^{(21)}m_{200}^{(20)}m_{101}^{(11)}m_{011}^{(10)} - 2m_{001}^{(21)}m_{200}^{(20)}m_{101}^{(21)}m_{020}^{(10)}\\
&+m_{001}^{(21)}m_{200}^{(20)}m_{020}^{(00)}m_{002}^{(11)} + 2m_{001}^{(21)}m_{200}^{(20)}m_{020}^{(10)}m_{011}^{(20)} + m_{001}^{(21)}m_{200}^{(20)}m_{020}^{(11)}m_{002}^{(00)}\\
&-2m_{001}^{(21)}m_{200}^{(20)}m_{020}^{(20)}m_{011}^{(10)} - 2m_{001}^{(21)}m_{200}^{(20)}m_{011}^{(00)}m_{011}^{(11)} + m_{001}^{(21)}m_{200}^{(21)}m_{110}^{(00)}m_{011}^{(21)}\\
&-m_{001}^{(21)}m_{200}^{(21)}m_{110}^{(00)}m_{002}^{(11)} - m_{001}^{(21)}m_{200}^{(21)}m_{110}^{(10)}m_{011}^{(20)} + 3m_{001}^{(21)}m_{200}^{(21)}m_{110}^{(10)}m_{002}^{(10)}\\
&-2m_{001}^{(21)}m_{200}^{(21)}m_{110}^{(20)}m_{011}^{(10)} - m_{001}^{(21)}m_{200}^{(21)}m_{101}^{(00)}m_{020}^{(21)} + m_{001}^{(21)}m_{200}^{(21)}m_{101}^{(00)}m_{011}^{(11)}\\
&+m_{001}^{(21)}m_{200}^{(21)}m_{101}^{(10)}m_{020}^{(20)} - 3m_{001}^{(21)}m_{200}^{(21)}m_{101}^{(10)}m_{011}^{(10)} + 2m_{001}^{(21)}m_{200}^{(21)}m_{101}^{(20)}m_{020}^{(10)}\\
&-2m_{001}^{(21)}m_{200}^{(21)}m_{020}^{(00)}m_{011}^{(20)} - 2m_{001}^{(21)}m_{200}^{(21)}m_{020}^{(10)}m_{002}^{(00)} + 2m_{001}^{(21)}m_{200}^{(21)}m_{020}^{(20)}m_{011}^{(00)}\\
&+2m_{001}^{(21)}m_{200}^{(21)}m_{011}^{(00)}m_{011}^{(10)} + m_{001}^{(21)}m_{200}^{(22)}m_{110}^{(00)}m_{011}^{(11)} - 2m_{001}^{(21)}m_{200}^{(22)}m_{110}^{(10)}m_{011}^{(10)}\\
&+m_{001}^{(21)}m_{200}^{(22)}m_{110}^{(11)}m_{011}^{(00)} - m_{001}^{(21)}m_{200}^{(22)}m_{101}^{(00)}m_{020}^{(11)} + 2m_{001}^{(21)}m_{200}^{(22)}m_{101}^{(10)}m_{020}^{(10)}\\
&-m_{001}^{(21)}m_{200}^{(22)}m_{101}^{(11)}m_{020}^{(00)} - 2m_{001}^{(21)}m_{110}^{(00)}m_{110}^{(11)}m_{101}^{(22)} + m_{001}^{(21)}m_{110}^{(00)}m_{110}^{(11)}m_{002}^{(20)}\\
&-2m_{001}^{(21)}m_{110}^{(00)}m_{110}^{(20)}m_{011}^{(21)} - m_{001}^{(21)}m_{110}^{(00)}m_{110}^{(21)}m_{101}^{(21)} + 4m_{001}^{(21)}m_{110}^{(00)}m_{110}^{(21)}m_{011}^{(20)}\\
&-m_{001}^{(21)}m_{110}^{(00)}m_{110}^{(21)}m_{002}^{(10)} + m_{001}^{(21)}m_{110}^{(00)}m_{110}^{(22)}m_{101}^{(11)} + 2m_{001}^{(21)}m_{110}^{(00)}m_{101}^{(10)}m_{011}^{(21)}\\
&+2m_{001}^{(21)}m_{110}^{(00)}m_{101}^{(11)}m_{101}^{(21)} - m_{001}^{(21)}m_{110}^{(00)}m_{101}^{(11)}m_{011}^{(20)} - 2m_{001}^{(21)}m_{110}^{(00)}m_{101}^{(21)}m_{020}^{(20)}
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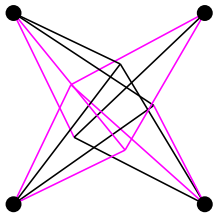
&-m_{001}^{(21)}m_{110}^{(00)}m_{101}^{(21)}m_{011}^{(10)}+2m_{001}^{(21)}m_{110}^{(00)}m_{020}^{(10)}m_{002}^{(20)}+2m_{001}^{(21)}m_{110}^{(00)}m_{020}^{(20)}m_{002}^{(10)}\\
&-2m_{001}^{(21)}m_{110}^{(00)}m_{020}^{(21)}m_{002}^{(00)}+2m_{001}^{(21)}m_{110}^{(00)}m_{011}^{(00)}m_{011}^{(21)}-4m_{001}^{(21)}m_{110}^{(00)}m_{011}^{(10)}m_{011}^{(20)}\\
&+2m_{001}^{(21)}(m_{110}^{(10)})^2m_{101}^{(22)}-m_{001}^{(21)}(m_{110}^{(10)})^2m_{002}^{(20)}+3m_{001}^{(21)}m_{110}^{(10)}m_{110}^{(20)}m_{101}^{(21)}\\
&-2m_{001}^{(21)}m_{110}^{(10)}m_{110}^{(20)}m_{011}^{(20)}+m_{001}^{(21)}m_{110}^{(10)}m_{110}^{(20)}m_{002}^{(10)}-3m_{001}^{(21)}m_{110}^{(10)}m_{110}^{(21)}m_{101}^{(20)}\\
&+m_{001}^{(21)}m_{110}^{(10)}m_{110}^{(21)}m_{002}^{(00)}-2m_{001}^{(21)}m_{110}^{(10)}m_{110}^{(22)}m_{101}^{(10)}-3m_{001}^{(21)}m_{110}^{(10)}m_{101}^{(10)}m_{101}^{(21)}\\
&+m_{001}^{(21)}m_{110}^{(10)}m_{101}^{(11)}m_{101}^{(20)}+2m_{001}^{(21)}m_{110}^{(10)}m_{101}^{(20)}m_{020}^{(20)}+m_{001}^{(21)}m_{110}^{(10)}m_{101}^{(20)}m_{011}^{(10)}\\
&-m_{001}^{(21)}m_{110}^{(10)}m_{101}^{(21)}m_{011}^{(00)}-2m_{001}^{(21)}m_{110}^{(10)}m_{020}^{(00)}m_{002}^{(20)}+2m_{001}^{(21)}m_{110}^{(10)}m_{011}^{(00)}m_{011}^{(20)}\\
&+m_{001}^{(21)}m_{110}^{(11)}m_{110}^{(20)}m_{101}^{(20)}-m_{001}^{(21)}m_{110}^{(11)}m_{110}^{(20)}m_{002}^{(00)}+m_{001}^{(21)}m_{110}^{(11)}m_{110}^{(22)}m_{101}^{(00)}\\
&-m_{001}^{(21)}m_{110}^{(11)}m_{101}^{(00)}m_{101}^{(21)}-m_{001}^{(21)}m_{110}^{(11)}m_{101}^{(00)}m_{011}^{(20)}+m_{001}^{(21)}m_{110}^{(11)}m_{101}^{(10)}m_{101}^{(20)}\\
&+m_{001}^{(21)}m_{110}^{(11)}m_{101}^{(20)}m_{011}^{(00)}-m_{001}^{(21)}(m_{110}^{(20)})^2m_{101}^{(11)}+2m_{001}^{(21)}(m_{110}^{(20)})^2m_{011}^{(10)}\\
&-2m_{001}^{(21)}m_{110}^{(20)}m_{110}^{(21)}m_{011}^{(00)}+2m_{001}^{(21)}m_{110}^{(20)}m_{101}^{(00)}m_{020}^{(21)}-2m_{001}^{(21)}m_{110}^{(20)}m_{101}^{(10)}m_{101}^{(11)}\\
&-m_{001}^{(21)}m_{110}^{(20)}m_{101}^{(10)}m_{011}^{(10)}+m_{001}^{(21)}m_{110}^{(20)}m_{101}^{(11)}m_{011}^{(00)}-2m_{001}^{(21)}m_{110}^{(20)}m_{101}^{(20)}m_{020}^{(10)}\\
&+2m_{001}^{(21)}m_{110}^{(20)}m_{101}^{(21)}m_{020}^{(00)}-2m_{001}^{(21)}m_{110}^{(20)}m_{020}^{(00)}m_{002}^{(10)}+2m_{001}^{(21)}m_{110}^{(20)}m_{011}^{(00)}m_{011}^{(10)}\\
&+m_{001}^{(21)}(m_{110}^{(21)})^2m_{101}^{(00)}-m_{001}^{(21)}m_{110}^{(21)}m_{101}^{(00)}m_{101}^{(11)}-2m_{001}^{(21)}m_{110}^{(21)}m_{101}^{(00)}m_{020}^{(20)}\\
&-m_{001}^{(21)}m_{110}^{(21)}m_{101}^{(00)}m_{011}^{(10)}+3m_{001}^{(21)}m_{110}^{(21)}(m_{101}^{(10)})^2+m_{001}^{(21)}m_{110}^{(21)}m_{101}^{(10)}m_{011}^{(00)}\\
&+2m_{001}^{(21)}m_{110}^{(21)}m_{020}^{(00)}m_{002}^{(00)}-2m_{001}^{(21)}m_{110}^{(21)}(m_{011}^{(00)})^2-2m_{001}^{(21)}m_{101}^{(00)}m_{101}^{(10)}m_{020}^{(21)}\\
&+m_{001}^{(21)}m_{101}^{(00)}m_{101}^{(11)}m_{020}^{(20)}+3m_{001}^{(21)}m_{101}^{(00)}m_{101}^{(21)}m_{020}^{(10)}-2m_{001}^{(21)}m_{101}^{(00)}m_{020}^{(00)}m_{011}^{(21)}\\
&+2m_{001}^{(21)}m_{101}^{(00)}m_{020}^{(21)}m_{011}^{(00)}+m_{001}^{(21)}(m_{101}^{(10)})^2m_{020}^{(20)}-m_{001}^{(21)}m_{101}^{(10)}m_{101}^{(20)}m_{020}^{(10)}\\
&-m_{001}^{(21)}m_{101}^{(10)}m_{101}^{(21)}m_{020}^{(00)}+2m_{001}^{(21)}m_{101}^{(10)}m_{020}^{(00)}m_{011}^{(20)}-2m_{001}^{(21)}m_{101}^{(10)}m_{020}^{(20)}m_{011}^{(00)}\\
&-m_{001}^{(21)}m_{101}^{(11)}m_{101}^{(20)}m_{020}^{(00)}+2m_{001}^{(21)}m_{101}^{(20)}m_{020}^{(00)}m_{011}^{(10)}-2m_{001}^{(21)}m_{101}^{(20)}m_{020}^{(10)}m_{011}^{(00)}\\
&-m_{001}^{(22)}m_{200}^{(00)}m_{110}^{(11)}m_{002}^{(11)}+m_{001}^{(22)}m_{200}^{(00)}m_{110}^{(21)}m_{011}^{(11)}+m_{001}^{(22)}m_{200}^{(00)}m_{101}^{(11)}m_{011}^{(11)}\\
&-m_{001}^{(22)}m_{200}^{(00)}m_{101}^{(21)}m_{020}^{(11)}+m_{001}^{(22)}m_{200}^{(00)}m_{020}^{(10)}m_{002}^{(11)}+m_{001}^{(22)}m_{200}^{(00)}m_{020}^{(11)}m_{011}^{(20)}\\
&-m_{001}^{(22)}m_{200}^{(00)}m_{020}^{(20)}m_{011}^{(11)}-m_{001}^{(22)}m_{200}^{(00)}m_{011}^{(10)}m_{011}^{(11)}+2m_{001}^{(22)}m_{200}^{(10)}m_{110}^{(11)}m_{002}^{(10)}\\
&-2m_{001}^{(22)}m_{200}^{(10)}m_{110}^{(21)}m_{011}^{(10)}-2m_{001}^{(22)}m_{200}^{(10)}m_{101}^{(11)}m_{011}^{(10)}+2m_{001}^{(22)}m_{200}^{(10)}m_{101}^{(21)}m_{020}^{(10)}\\
&-m_{001}^{(22)}m_{200}^{(10)}m_{020}^{(00)}m_{002}^{(11)}-2m_{001}^{(22)}m_{200}^{(10)}m_{020}^{(10)}m_{011}^{(20)}-m_{001}^{(22)}m_{200}^{(10)}m_{020}^{(11)}m_{002}^{(00)}\\
&+2m_{001}^{(22)}m_{200}^{(10)}m_{020}^{(20)}m_{011}^{(10)}+2m_{001}^{(22)}m_{200}^{(10)}m_{011}^{(00)}m_{011}^{(11)}+m_{001}^{(22)}m_{200}^{(11)}m_{110}^{(00)}m_{002}^{(11)}\\
&-2m_{001}^{(22)}m_{200}^{(11)}m_{110}^{(10)}m_{002}^{(10)}+m_{001}^{(22)}m_{200}^{(11)}m_{110}^{(21)}m_{011}^{(00)}-m_{001}^{(22)}m_{200}^{(11)}m_{101}^{(00)}m_{011}^{(11)}\\
&+2m_{001}^{(22)}m_{200}^{(11)}m_{101}^{(10)}m_{011}^{(10)}-m_{001}^{(22)}m_{200}^{(11)}m_{101}^{(21)}m_{020}^{(00)}+m_{001}^{(22)}m_{200}^{(11)}m_{020}^{(00)}m_{011}^{(20)}\\
&+m_{001}^{(22)}m_{200}^{(11)}m_{020}^{(10)}m_{002}^{(00)}-m_{001}^{(22)}m_{200}^{(11)}m_{020}^{(20)}m_{011}^{(00)}-m_{001}^{(22)}m_{200}^{(11)}m_{011}^{(00)}m_{011}^{(10)}\\
&-m_{001}^{(22)}m_{200}^{(21)}m_{110}^{(00)}m_{011}^{(11)}+2m_{001}^{(22)}m_{200}^{(21)}m_{110}^{(10)}m_{011}^{(10)}-m_{001}^{(22)}m_{200}^{(21)}m_{110}^{(11)}m_{011}^{(00)}\\
&+m_{001}^{(22)}m_{200}^{(21)}m_{101}^{(00)}m_{020}^{(11)}-2m_{001}^{(22)}m_{200}^{(21)}m_{101}^{(10)}m_{020}^{(10)}+m_{001}^{(22)}m_{200}^{(21)}m_{101}^{(11)}m_{020}^{(00)}\\
&+2m_{001}^{(22)}m_{110}^{(00)}m_{110}^{(11)}m_{101}^{(21)}-2m_{001}^{(22)}m_{110}^{(00)}m_{110}^{(11)}m_{011}^{(20)}+m_{001}^{(22)}m_{110}^{(00)}m_{110}^{(20)}m_{011}^{(11)}\\
&-m_{001}^{(22)}m_{110}^{(00)}m_{110}^{(21)}m_{101}^{(11)}-m_{001}^{(22)}m_{110}^{(00)}m_{101}^{(10)}m_{011}^{(11)}-m_{001}^{(22)}m_{110}^{(00)}(m_{101}^{(11)})^2\\
&+m_{001}^{(22)}m_{110}^{(00)}m_{101}^{(11)}m_{020}^{(20)}+m_{001}^{(22)}m_{110}^{(00)}m_{101}^{(11)}m_{011}^{(10)}-2m_{001}^{(22)}m_{110}^{(00)}m_{020}^{(10)}m_{002}^{(10)}\\
&+m_{001}^{(22)}m_{110}^{(00)}m_{020}^{(00)}m_{002}^{(11)}-m_{001}^{(22)}m_{110}^{(00)}m_{011}^{(00)}m_{011}^{(11)}+2m_{001}^{(22)}m_{110}^{(00)}(m_{011}^{(10)})^2\\
&-2m_{001}^{(22)}(m_{110}^{(10)})^2m_{101}^{(21)}+2m_{001}^{(22)}(m_{110}^{(10)})^2m_{011}^{(20)}-2m_{001}^{(22)}m_{110}^{(10)}m_{110}^{(20)}m_{011}^{(10)}\\
&+2m_{001}^{(22)}m_{110}^{(10)}m_{110}^{(21)}m_{101}^{(10)}+2m_{001}^{(22)}m_{110}^{(10)}m_{101}^{(10)}m_{101}^{(11)}-2m_{001}^{(22)}m_{110}^{(10)}m_{101}^{(10)}m_{020}^{(20)}\\
&+2m_{001}^{(22)}m_{110}^{(10)}m_{020}^{(00)}m_{002}^{(10)}-2m_{001}^{(22)}m_{110}^{(10)}m_{011}^{(00)}m_{011}^{(10)}+m_{001}^{(22)}m_{110}^{(11)}m_{110}^{(20)}m_{011}^{(00)}
\end{aligned}
$$

$$
\begin{aligned}
&-m_{001}^{(22)}m_{110}^{(11)}m_{110}^{(21)}m_{101}^{(00)} + m_{001}^{(22)}m_{110}^{(11)}m_{101}^{(00)}m_{101}^{(11)} + m_{001}^{(22)}m_{110}^{(11)}m_{101}^{(00)}m_{020}^{(20)}\\
&+m_{001}^{(22)}m_{110}^{(11)}m_{101}^{(00)}m_{011}^{(10)} - 2m_{001}^{(22)}m_{110}^{(11)}(m_{101}^{(10)})^2 - m_{001}^{(22)}m_{110}^{(11)}m_{101}^{(10)}m_{011}^{(00)}\\
&-m_{001}^{(22)}m_{110}^{(11)}m_{020}^{(00)}m_{002}^{(00)} + m_{001}^{(22)}m_{110}^{(11)}(m_{011}^{(00)})^2 - m_{001}^{(22)}m_{110}^{(20)}m_{101}^{(00)}m_{020}^{(11)}\\
&+2m_{001}^{(22)}m_{110}^{(20)}m_{101}^{(10)}m_{020}^{(10)} - m_{001}^{(22)}m_{110}^{(20)}m_{101}^{(11)}m_{020}^{(00)} + m_{001}^{(22)}m_{101}^{(00)}m_{101}^{(10)}m_{020}^{(11)}\\
&-2m_{001}^{(22)}m_{101}^{(00)}m_{101}^{(11)}m_{020}^{(10)} + m_{001}^{(22)}m_{101}^{(00)}m_{020}^{(00)}m_{011}^{(11)} - m_{001}^{(22)}m_{101}^{(00)}m_{020}^{(11)}m_{011}^{(00)}\\
&+m_{001}^{(22)}m_{101}^{(10)}m_{101}^{(11)}m_{020}^{(00)} - 2m_{001}^{(22)}m_{101}^{(10)}m_{020}^{(00)}m_{011}^{(10)} + 2m_{001}^{(22)}m_{101}^{(10)}m_{020}^{(10)}m_{011}^{(00)}
\end{aligned}
$$

Generating graph:

$V1$		1	1	$V1$	$V2$
$V2$		2	2	$V3$	3
$V3$	$V4$	4	$V4$		4



$$
\begin{aligned}
T_{60} \;=\;& 2m_{100}^{(00)}m_{200}^{(11)}m_{020}^{(21)}m_{002}^{(22)} - 2m_{100}^{(00)}m_{200}^{(11)}m_{020}^{(22)}m_{002}^{(21)} - 2m_{100}^{(00)}m_{200}^{(11)}m_{011}^{(11)}m_{002}^{(22)}\\
&+2m_{100}^{(00)}m_{200}^{(11)}m_{011}^{(22)}m_{002}^{(11)} - 4m_{100}^{(00)}m_{200}^{(21)}m_{020}^{(21)}m_{011}^{(22)} + 4m_{100}^{(00)}m_{200}^{(21)}m_{020}^{(22)}m_{011}^{(21)}\\
&+4m_{100}^{(00)}m_{200}^{(21)}m_{011}^{(11)}m_{002}^{(21)} - 4m_{100}^{(00)}m_{200}^{(21)}m_{011}^{(21)}m_{002}^{(11)} + 2m_{100}^{(00)}m_{200}^{(22)}m_{020}^{(11)}m_{011}^{(22)}\\
&-2m_{100}^{(00)}m_{200}^{(22)}m_{020}^{(11)}m_{002}^{(21)} + 2m_{100}^{(00)}m_{200}^{(22)}m_{020}^{(21)}m_{002}^{(11)} - 2m_{100}^{(00)}m_{200}^{(22)}m_{020}^{(22)}m_{011}^{(11)}\\
&-m_{100}^{(00)}m_{110}^{(10)}m_{020}^{(21)}m_{002}^{(22)} + m_{100}^{(00)}m_{110}^{(10)}m_{020}^{(22)}m_{002}^{(21)} + m_{100}^{(00)}m_{110}^{(10)}m_{011}^{(11)}m_{002}^{(22)}\\
&-m_{100}^{(00)}m_{110}^{(10)}m_{011}^{(22)}m_{002}^{(11)} - 2m_{100}^{(00)}m_{110}^{(11)}m_{110}^{(21)}m_{002}^{(22)} - 2m_{100}^{(00)}m_{110}^{(11)}m_{110}^{(22)}m_{011}^{(22)}\\
&+4m_{100}^{(00)}m_{110}^{(11)}m_{110}^{(22)}m_{002}^{(21)} + 2m_{100}^{(00)}m_{110}^{(11)}m_{101}^{(11)}m_{002}^{(22)} - 2m_{100}^{(00)}m_{110}^{(11)}m_{101}^{(21)}m_{011}^{(22)}\\
&+2m_{100}^{(00)}m_{110}^{(11)}m_{101}^{(22)}m_{020}^{(22)} - 2m_{100}^{(00)}m_{110}^{(11)}m_{101}^{(22)}m_{002}^{(11)} - m_{100}^{(00)}m_{110}^{(11)}m_{020}^{(20)}m_{002}^{(22)}\\
&-m_{100}^{(00)}m_{110}^{(11)}m_{020}^{(22)}m_{002}^{(20)} + m_{100}^{(00)}m_{110}^{(11)}m_{011}^{(10)}m_{002}^{(22)} + 2m_{100}^{(00)}m_{110}^{(11)}m_{011}^{(20)}m_{011}^{(22)}\\
&-m_{100}^{(00)}m_{110}^{(11)}m_{011}^{(20)}m_{002}^{(21)} + m_{100}^{(00)}m_{110}^{(11)}m_{011}^{(21)}m_{002}^{(20)} - m_{100}^{(00)}m_{110}^{(11)}m_{011}^{(22)}m_{002}^{(10)}\\
&+m_{100}^{(00)}m_{110}^{(20)}m_{020}^{(11)}m_{002}^{(22)} - m_{100}^{(00)}m_{110}^{(20)}m_{020}^{(21)}m_{002}^{(21)} - m_{100}^{(00)}m_{110}^{(20)}m_{011}^{(11)}m_{011}^{(22)}\\
&-2m_{100}^{(00)}m_{110}^{(20)}m_{011}^{(11)}m_{002}^{(21)} + m_{100}^{(00)}m_{110}^{(20)}(m_{011}^{(21)})^2 + 2m_{100}^{(00)}m_{110}^{(20)}m_{011}^{(21)}m_{002}^{(11)}\\
&+4m_{100}^{(00)}(m_{110}^{(21)})^2m_{011}^{(22)} - 4m_{100}^{(00)}m_{110}^{(21)}m_{110}^{(22)}m_{011}^{(21)} - 2m_{100}^{(00)}m_{110}^{(21)}m_{110}^{(22)}m_{002}^{(11)}\\
&+2m_{100}^{(00)}m_{110}^{(21)}m_{101}^{(11)}m_{011}^{(22)} - 4m_{100}^{(00)}m_{110}^{(21)}m_{101}^{(11)}m_{002}^{(21)} - 4m_{100}^{(00)}m_{110}^{(21)}m_{101}^{(21)}m_{020}^{(22)}\\
&+4m_{100}^{(00)}m_{110}^{(21)}m_{101}^{(21)}m_{002}^{(11)} + 2m_{100}^{(00)}m_{110}^{(21)}m_{101}^{(22)}m_{011}^{(11)} + m_{100}^{(00)}m_{110}^{(21)}m_{020}^{(10)}m_{002}^{(22)}\\
&+m_{100}^{(00)}m_{110}^{(21)}m_{020}^{(20)}m_{002}^{(21)} + 2m_{100}^{(00)}m_{110}^{(21)}m_{020}^{(22)}m_{002}^{(10)} - 3m_{100}^{(00)}m_{110}^{(21)}m_{011}^{(10)}m_{011}^{(22)}\\
&-m_{100}^{(00)}m_{110}^{(21)}m_{011}^{(10)}m_{002}^{(21)} - m_{100}^{(00)}m_{110}^{(21)}m_{011}^{(11)}m_{002}^{(20)} - m_{100}^{(00)}m_{110}^{(21)}m_{011}^{(20)}m_{011}^{(21)}
\end{aligned}
$$

$$
\begin{aligned}
&+m_{100}^{(00)}m_{110}^{(21)}m_{011}^{(20)}m_{002}^{(11)} + m_{100}^{(00)}m_{110}^{(21)}m_{011}^{(21)}m_{002}^{(10)} + 2m_{100}^{(00)}(m_{110}^{(22)})^2m_{011}^{(11)}\\
&+4m_{100}^{(00)}m_{110}^{(22)}m_{101}^{(21)}m_{020}^{(21)} - 2m_{100}^{(00)}m_{110}^{(22)}m_{101}^{(21)}m_{011}^{(11)} - 2m_{100}^{(00)}m_{110}^{(22)}m_{101}^{(22)}m_{020}^{(11)}\\
&-m_{100}^{(00)}m_{110}^{(22)}m_{020}^{(10)}m_{002}^{(21)} + m_{100}^{(00)}m_{110}^{(22)}m_{020}^{(11)}m_{002}^{(20)} - 2m_{100}^{(00)}m_{110}^{(22)}m_{020}^{(21)}m_{002}^{(10)}\\
&+3m_{100}^{(00)}m_{110}^{(22)}m_{011}^{(10)}m_{011}^{(21)} - m_{100}^{(00)}m_{110}^{(22)}m_{011}^{(11)}m_{011}^{(20)} - m_{100}^{(00)}m_{101}^{(10)}m_{020}^{(11)}m_{002}^{(22)}\\
&+2m_{100}^{(00)}m_{101}^{(10)}m_{020}^{(21)}m_{011}^{(22)} + m_{100}^{(00)}m_{101}^{(10)}m_{020}^{(21)}m_{002}^{(21)} - 2m_{100}^{(00)}m_{101}^{(10)}m_{020}^{(22)}m_{011}^{(21)}\\
&+m_{100}^{(00)}m_{101}^{(10)}m_{011}^{(11)}m_{011}^{(22)} - m_{100}^{(00)}m_{101}^{(10)}(m_{011}^{(21)})^2 - 2m_{100}^{(00)}(m_{101}^{(11)})^2m_{011}^{(22)}\\
&+2m_{100}^{(00)}m_{101}^{(11)}m_{101}^{(21)}m_{020}^{(22)} + 4m_{100}^{(00)}m_{101}^{(11)}m_{101}^{(21)}m_{011}^{(21)} - 4m_{100}^{(00)}m_{101}^{(11)}m_{101}^{(22)}m_{020}^{(21)}\\
&+2m_{100}^{(00)}m_{101}^{(11)}m_{101}^{(22)}m_{011}^{(11)} - m_{100}^{(00)}m_{101}^{(11)}m_{020}^{(10)}m_{002}^{(22)} + 2m_{100}^{(00)}m_{101}^{(11)}m_{020}^{(20)}m_{002}^{(21)}\\
&+m_{100}^{(00)}m_{101}^{(11)}m_{020}^{(21)}m_{002}^{(20)} + m_{100}^{(00)}m_{101}^{(11)}m_{011}^{(10)}m_{011}^{(22)} - 3m_{100}^{(00)}m_{101}^{(11)}m_{011}^{(20)}m_{011}^{(21)}\\
&-m_{100}^{(00)}m_{101}^{(20)}m_{020}^{(11)}m_{011}^{(22)} + m_{100}^{(00)}m_{101}^{(20)}m_{020}^{(11)}m_{002}^{(21)} - m_{100}^{(00)}m_{101}^{(20)}m_{020}^{(21)}m_{002}^{(11)}\\
&+m_{100}^{(00)}m_{101}^{(20)}m_{020}^{(22)}m_{011}^{(11)} - 4m_{100}^{(00)}(m_{101}^{(21)})^2m_{011}^{(11)} + 2m_{100}^{(00)}m_{101}^{(21)}m_{101}^{(22)}m_{020}^{(11)}\\
&+m_{100}^{(00)}m_{101}^{(21)}m_{020}^{(10)}m_{011}^{(22)} - m_{100}^{(00)}m_{101}^{(21)}m_{020}^{(11)}m_{002}^{(20)} - m_{100}^{(00)}m_{101}^{(21)}m_{020}^{(20)}m_{011}^{(21)}\\
&-2m_{100}^{(00)}m_{101}^{(21)}m_{020}^{(20)}m_{002}^{(11)} + m_{100}^{(00)}m_{101}^{(21)}m_{020}^{(21)}m_{011}^{(20)} - m_{100}^{(00)}m_{101}^{(21)}m_{020}^{(21)}m_{002}^{(10)}\\
&-m_{100}^{(00)}m_{101}^{(21)}m_{020}^{(22)}m_{011}^{(10)} + m_{100}^{(00)}m_{101}^{(21)}m_{011}^{(10)}m_{011}^{(21)} + 3m_{100}^{(00)}m_{101}^{(21)}m_{011}^{(11)}m_{011}^{(20)}\\
&-m_{100}^{(00)}m_{101}^{(22)}m_{020}^{(10)}m_{011}^{(21)} + m_{100}^{(00)}m_{101}^{(22)}m_{020}^{(10)}m_{002}^{(11)} - m_{100}^{(00)}m_{101}^{(22)}m_{020}^{(11)}m_{011}^{(20)}\\
&+m_{100}^{(00)}m_{101}^{(22)}m_{020}^{(11)}m_{002}^{(10)} + m_{100}^{(00)}m_{101}^{(22)}m_{020}^{(20)}m_{011}^{(11)} + m_{100}^{(00)}m_{101}^{(22)}m_{020}^{(21)}m_{011}^{(10)}\\
&-2m_{100}^{(00)}m_{101}^{(22)}m_{011}^{(10)}m_{011}^{(11)} - 2m_{100}^{(10)}m_{200}^{(10)}m_{020}^{(21)}m_{002}^{(22)} + 2m_{100}^{(10)}m_{200}^{(10)}m_{020}^{(22)}m_{002}^{(21)}\\
&+2m_{100}^{(10)}m_{200}^{(10)}m_{011}^{(11)}m_{002}^{(22)} - 2m_{100}^{(10)}m_{200}^{(10)}m_{011}^{(22)}m_{002}^{(11)} - 2m_{100}^{(10)}m_{200}^{(11)}m_{020}^{(20)}m_{002}^{(22)}\\
&+2m_{100}^{(10)}m_{200}^{(11)}m_{020}^{(22)}m_{002}^{(20)} + 2m_{100}^{(10)}m_{200}^{(11)}m_{011}^{(10)}m_{002}^{(22)} + 2m_{100}^{(10)}m_{200}^{(11)}m_{011}^{(20)}m_{002}^{(21)}\\
&-2m_{100}^{(10)}m_{200}^{(11)}m_{011}^{(21)}m_{002}^{(20)} - 2m_{100}^{(10)}m_{200}^{(11)}m_{011}^{(22)}m_{002}^{(10)} - m_{100}^{(10)}m_{200}^{(20)}m_{020}^{(11)}m_{002}^{(22)}\\
&+4m_{100}^{(10)}m_{200}^{(20)}m_{020}^{(21)}m_{011}^{(22)} - 4m_{100}^{(10)}m_{200}^{(20)}m_{020}^{(22)}m_{011}^{(21)} + m_{100}^{(10)}m_{200}^{(20)}m_{020}^{(22)}m_{002}^{(11)}\\
&+m_{100}^{(10)}m_{200}^{(21)}m_{020}^{(10)}m_{002}^{(22)} + 4m_{100}^{(10)}m_{200}^{(21)}m_{020}^{(20)}m_{011}^{(22)} - m_{100}^{(10)}m_{200}^{(21)}m_{020}^{(20)}m_{002}^{(21)}\\
&+m_{100}^{(10)}m_{200}^{(21)}m_{020}^{(21)}m_{002}^{(20)} - 4m_{100}^{(10)}m_{200}^{(21)}m_{020}^{(22)}m_{011}^{(20)} - m_{100}^{(10)}m_{200}^{(21)}m_{020}^{(22)}m_{002}^{(10)}\\
&-6m_{100}^{(10)}m_{200}^{(21)}m_{011}^{(10)}m_{002}^{(21)} - 2m_{100}^{(10)}m_{200}^{(21)}m_{011}^{(11)}m_{002}^{(20)} + 2m_{100}^{(10)}m_{200}^{(21)}m_{011}^{(20)}m_{002}^{(11)}\\
&+6m_{100}^{(10)}m_{200}^{(21)}m_{011}^{(21)}m_{002}^{(10)} - 4m_{100}^{(10)}m_{200}^{(22)}m_{020}^{(10)}m_{011}^{(21)} + 3m_{100}^{(10)}m_{200}^{(22)}m_{020}^{(10)}m_{002}^{(21)}\\
&+m_{100}^{(10)}m_{200}^{(22)}m_{020}^{(11)}m_{002}^{(20)} - m_{100}^{(10)}m_{200}^{(22)}m_{020}^{(20)}m_{002}^{(11)} - 3m_{100}^{(10)}m_{200}^{(22)}m_{020}^{(21)}m_{002}^{(10)}\\
&+4m_{100}^{(10)}m_{200}^{(22)}m_{020}^{(22)}m_{011}^{(10)} + m_{100}^{(10)}m_{110}^{(00)}m_{020}^{(21)}m_{002}^{(22)} - m_{100}^{(10)}m_{110}^{(00)}m_{020}^{(22)}m_{002}^{(21)}\\
&-m_{100}^{(10)}m_{110}^{(00)}m_{011}^{(11)}m_{002}^{(22)} + m_{100}^{(10)}m_{110}^{(00)}m_{011}^{(22)}m_{002}^{(11)} + m_{100}^{(10)}m_{110}^{(10)}m_{110}^{(21)}m_{002}^{(22)}\\
&+4m_{100}^{(10)}m_{110}^{(10)}m_{110}^{(22)}m_{011}^{(22)} - 5m_{100}^{(10)}m_{110}^{(10)}m_{110}^{(22)}m_{002}^{(21)} - 2m_{100}^{(10)}m_{110}^{(10)}m_{101}^{(11)}m_{002}^{(22)}\\
&+3m_{100}^{(10)}m_{110}^{(10)}m_{101}^{(21)}m_{011}^{(22)} - 4m_{100}^{(10)}m_{110}^{(10)}m_{101}^{(22)}m_{020}^{(22)} + m_{100}^{(10)}m_{110}^{(10)}m_{101}^{(22)}m_{011}^{(21)}\\
&+2m_{100}^{(10)}m_{110}^{(10)}m_{101}^{(22)}m_{002}^{(11)} + 3m_{100}^{(10)}m_{110}^{(10)}m_{020}^{(20)}m_{002}^{(22)} + m_{100}^{(10)}m_{110}^{(10)}m_{020}^{(22)}m_{002}^{(20)}\\
&-2m_{100}^{(10)}m_{110}^{(10)}m_{011}^{(10)}m_{002}^{(22)} - 4m_{100}^{(10)}m_{110}^{(10)}m_{011}^{(20)}m_{011}^{(22)} + 2m_{100}^{(10)}m_{110}^{(10)}m_{011}^{(22)}m_{002}^{(10)}\\
&+3m_{100}^{(10)}m_{110}^{(11)}m_{110}^{(20)}m_{002}^{(22)} - 3m_{100}^{(10)}m_{110}^{(11)}m_{110}^{(22)}m_{002}^{(20)} - 2m_{100}^{(10)}m_{110}^{(11)}m_{101}^{(10)}m_{002}^{(22)}\\
&+m_{100}^{(10)}m_{110}^{(11)}m_{101}^{(20)}m_{011}^{(22)} - 2m_{100}^{(10)}m_{110}^{(11)}m_{101}^{(20)}m_{002}^{(21)} + 2m_{100}^{(10)}m_{110}^{(11)}m_{101}^{(21)}m_{002}^{(20)}\\
&-m_{100}^{(10)}m_{110}^{(11)}m_{101}^{(22)}m_{011}^{(20)} + 2m_{100}^{(10)}m_{110}^{(11)}m_{101}^{(22)}m_{002}^{(10)} - m_{100}^{(10)}m_{110}^{(11)}m_{011}^{(00)}m_{002}^{(22)}\\
&+m_{100}^{(10)}m_{110}^{(11)}m_{011}^{(22)}m_{002}^{(00)} - 8m_{100}^{(10)}m_{110}^{(20)}m_{110}^{(21)}m_{011}^{(22)} + m_{100}^{(10)}m_{110}^{(20)}m_{110}^{(21)}m_{002}^{(21)}\\
&+4m_{100}^{(10)}m_{110}^{(20)}m_{110}^{(22)}m_{011}^{(21)} - m_{100}^{(10)}m_{110}^{(20)}m_{101}^{(11)}m_{011}^{(22)} + 4m_{100}^{(10)}m_{110}^{(20)}m_{101}^{(21)}m_{020}^{(22)}\\
&-m_{100}^{(10)}m_{110}^{(20)}m_{101}^{(21)}m_{011}^{(21)} - 2m_{100}^{(10)}m_{110}^{(20)}m_{101}^{(22)}m_{011}^{(11)} - 3m_{100}^{(10)}m_{110}^{(20)}m_{110}^{(10)}m_{020}^{(22)}m_{002}^{(22)}
\end{aligned}
$$

$$
\begin{aligned}
&+m_{100}^{(10)}m_{110}^{(20)}m_{020}^{(21)}m_{002}^{(20)} - 2m_{100}^{(10)}m_{110}^{(20)}m_{020}^{(22)}m_{002}^{(10)} + 5m_{100}^{(10)}m_{110}^{(20)}m_{011}^{(10)}m_{011}^{(22)}\\
&+3m_{100}^{(10)}m_{110}^{(20)}m_{011}^{(10)}m_{002}^{(21)} + m_{100}^{(10)}m_{110}^{(20)}m_{011}^{(11)}m_{002}^{(20)} - m_{100}^{(10)}m_{110}^{(20)}m_{011}^{(20)}m_{011}^{(21)}\\
&-m_{100}^{(10)}m_{110}^{(20)}m_{011}^{(20)}m_{002}^{(11)} - 3m_{100}^{(10)}m_{110}^{(20)}m_{011}^{(21)}m_{002}^{(10)} - m_{100}^{(10)}(m_{110}^{(21)})^2m_{002}^{(20)}\\
&+4m_{100}^{(10)}m_{110}^{(21)}m_{110}^{(22)}m_{011}^{(20)} + 4m_{100}^{(10)}m_{110}^{(21)}m_{110}^{(22)}m_{002}^{(10)} - 3m_{100}^{(10)}m_{110}^{(21)}m_{101}^{(10)}m_{011}^{(22)}\\
&+6m_{100}^{(10)}m_{110}^{(21)}m_{101}^{(10)}m_{002}^{(21)} + 2m_{100}^{(10)}m_{110}^{(21)}m_{101}^{(11)}m_{002}^{(20)} + 4m_{100}^{(10)}m_{110}^{(21)}m_{101}^{(20)}m_{020}^{(22)}\\
&+m_{100}^{(10)}m_{110}^{(21)}m_{101}^{(20)}m_{011}^{(21)} - 2m_{100}^{(10)}m_{110}^{(21)}m_{101}^{(20)}m_{002}^{(11)} - 6m_{100}^{(10)}m_{110}^{(21)}m_{101}^{(21)}m_{002}^{(10)}\\
&-2m_{100}^{(10)}m_{110}^{(21)}m_{101}^{(22)}m_{011}^{(10)} - m_{100}^{(10)}m_{110}^{(21)}m_{020}^{(00)}m_{002}^{(22)} - m_{100}^{(10)}m_{110}^{(21)}m_{020}^{(20)}m_{002}^{(20)}\\
&-2m_{100}^{(10)}m_{110}^{(21)}m_{020}^{(22)}m_{002}^{(00)} + 3m_{100}^{(10)}m_{110}^{(21)}m_{011}^{(00)}m_{011}^{(22)} + m_{100}^{(10)}m_{110}^{(21)}m_{011}^{(00)}m_{002}^{(21)}\\
&+3m_{100}^{(10)}m_{110}^{(21)}m_{011}^{(10)}m_{002}^{(20)} + m_{100}^{(10)}m_{110}^{(21)}(m_{011}^{(20)})^2 - 3m_{100}^{(10)}m_{110}^{(21)}m_{011}^{(20)}m_{002}^{(10)}\\
&-m_{100}^{(10)}m_{110}^{(21)}m_{011}^{(21)}m_{002}^{(00)} - 4m_{100}^{(10)}(m_{110}^{(22)})^2m_{011}^{(10)} - m_{100}^{(10)}m_{110}^{(22)}m_{101}^{(10)}m_{011}^{(21)}\\
&+m_{100}^{(10)}m_{110}^{(22)}m_{101}^{(11)}m_{011}^{(20)} - 4m_{100}^{(10)}m_{110}^{(22)}m_{101}^{(20)}m_{020}^{(21)} + 2m_{100}^{(10)}m_{110}^{(22)}m_{101}^{(20)}m_{011}^{(11)}\\
&-4m_{100}^{(10)}m_{110}^{(22)}m_{101}^{(21)}m_{020}^{(20)} + 2m_{100}^{(10)}m_{110}^{(22)}m_{101}^{(21)}m_{011}^{(10)} + 4m_{100}^{(10)}m_{110}^{(22)}m_{101}^{(22)}m_{020}^{(10)}\\
&+m_{100}^{(10)}m_{110}^{(22)}m_{020}^{(00)}m_{002}^{(21)} - m_{100}^{(10)}m_{110}^{(22)}m_{020}^{(10)}m_{002}^{(20)} + 2m_{100}^{(10)}m_{110}^{(22)}m_{020}^{(20)}m_{002}^{(10)}\\
&+2m_{100}^{(10)}m_{110}^{(22)}m_{020}^{(21)}m_{002}^{(00)} - 3m_{100}^{(10)}m_{110}^{(22)}m_{011}^{(00)}m_{011}^{(21)} - m_{100}^{(10)}m_{110}^{(22)}m_{011}^{(10)}m_{011}^{(20)}\\
&+m_{100}^{(10)}m_{101}^{(00)}m_{020}^{(11)}m_{002}^{(22)} - 2m_{100}^{(10)}m_{101}^{(00)}m_{020}^{(21)}m_{011}^{(22)} - m_{100}^{(10)}m_{101}^{(00)}m_{020}^{(21)}m_{002}^{(21)}\\
&+2m_{100}^{(10)}m_{101}^{(00)}m_{020}^{(22)}m_{011}^{(21)} - m_{100}^{(10)}m_{101}^{(00)}m_{011}^{(11)}m_{011}^{(22)} + m_{100}^{(10)}m_{101}^{(00)}(m_{011}^{(21)})^2\\
&+4m_{100}^{(10)}m_{101}^{(10)}m_{101}^{(11)}m_{011}^{(22)} - m_{100}^{(10)}m_{101}^{(10)}m_{101}^{(21)}m_{020}^{(22)} - 6m_{100}^{(10)}m_{101}^{(10)}m_{101}^{(21)}m_{011}^{(21)}\\
&+5m_{100}^{(10)}m_{101}^{(10)}m_{101}^{(22)}m_{020}^{(21)} - 2m_{100}^{(10)}m_{101}^{(10)}m_{101}^{(22)}m_{011}^{(11)} + 2m_{100}^{(10)}m_{101}^{(10)}m_{020}^{(10)}m_{002}^{(22)}\\
&-2m_{100}^{(10)}m_{101}^{(10)}m_{020}^{(20)}m_{011}^{(22)} - 3m_{100}^{(10)}m_{101}^{(10)}m_{020}^{(20)}m_{002}^{(21)} - 3m_{100}^{(10)}m_{101}^{(10)}m_{020}^{(21)}m_{002}^{(20)}\\
&+2m_{100}^{(10)}m_{101}^{(10)}m_{020}^{(22)}m_{011}^{(20)} - 2m_{100}^{(10)}m_{101}^{(10)}m_{011}^{(10)}m_{011}^{(22)} + 6m_{100}^{(10)}m_{101}^{(10)}m_{011}^{(20)}m_{011}^{(21)}\\
&-3m_{100}^{(10)}m_{101}^{(11)}m_{101}^{(20)}m_{020}^{(22)} + 2m_{100}^{(10)}m_{101}^{(11)}m_{101}^{(20)}m_{011}^{(21)} - 4m_{100}^{(10)}m_{101}^{(11)}m_{101}^{(21)}m_{011}^{(20)}\\
&+3m_{100}^{(10)}m_{101}^{(11)}m_{101}^{(22)}m_{020}^{(20)} - 2m_{100}^{(10)}m_{101}^{(11)}m_{101}^{(22)}m_{011}^{(10)} + m_{100}^{(10)}m_{101}^{(11)}m_{020}^{(00)}m_{002}^{(22)}\\
&-m_{100}^{(10)}m_{101}^{(11)}m_{020}^{(20)}m_{002}^{(20)} - m_{100}^{(10)}m_{101}^{(11)}m_{011}^{(00)}m_{011}^{(22)} + m_{100}^{(10)}m_{101}^{(11)}(m_{011}^{(20)})^2\\
&-m_{100}^{(10)}m_{101}^{(20)}m_{101}^{(21)}m_{020}^{(21)} + 2m_{100}^{(10)}m_{101}^{(20)}m_{101}^{(21)}m_{011}^{(11)} + m_{100}^{(10)}m_{101}^{(20)}m_{020}^{(10)}m_{011}^{(22)}\\
&+m_{100}^{(10)}m_{101}^{(20)}m_{020}^{(20)}m_{011}^{(21)} + m_{100}^{(10)}m_{101}^{(20)}m_{020}^{(20)}m_{002}^{(11)} - m_{100}^{(10)}m_{101}^{(20)}m_{020}^{(21)}m_{011}^{(20)}\\
&+3m_{100}^{(10)}m_{101}^{(20)}m_{020}^{(21)}m_{002}^{(10)} - m_{100}^{(10)}m_{101}^{(20)}m_{020}^{(22)}m_{011}^{(10)} - 3m_{100}^{(10)}m_{101}^{(20)}m_{011}^{(10)}m_{011}^{(21)}\\
&-m_{100}^{(10)}m_{101}^{(20)}m_{011}^{(11)}m_{011}^{(20)} + m_{100}^{(10)}(m_{101}^{(21)})^2m_{020}^{(20)} + 6m_{100}^{(10)}(m_{101}^{(21)})^2m_{011}^{(10)}\\
&-4m_{100}^{(10)}m_{101}^{(21)}m_{101}^{(22)}m_{020}^{(10)} - m_{100}^{(10)}m_{101}^{(21)}m_{020}^{(00)}m_{011}^{(22)} + 3m_{100}^{(10)}m_{101}^{(21)}m_{020}^{(20)}m_{002}^{(10)}\\
&+m_{100}^{(10)}m_{101}^{(21)}m_{020}^{(21)}m_{002}^{(00)} + m_{100}^{(10)}m_{101}^{(21)}m_{020}^{(22)}m_{011}^{(00)} - m_{100}^{(10)}m_{101}^{(21)}m_{011}^{(00)}m_{011}^{(21)}\\
&-3m_{100}^{(10)}m_{101}^{(21)}m_{011}^{(10)}m_{011}^{(20)} + m_{100}^{(10)}m_{101}^{(22)}m_{020}^{(00)}m_{011}^{(21)} - m_{100}^{(10)}m_{101}^{(22)}m_{020}^{(00)}m_{002}^{(11)}\\
&+3m_{100}^{(10)}m_{101}^{(22)}m_{020}^{(10)}m_{011}^{(20)} - 2m_{100}^{(10)}m_{101}^{(22)}m_{020}^{(10)}m_{002}^{(10)} - m_{100}^{(10)}m_{101}^{(22)}m_{020}^{(11)}m_{002}^{(00)}\\
&-3m_{100}^{(10)}m_{101}^{(22)}m_{020}^{(20)}m_{011}^{(10)} - m_{100}^{(10)}m_{101}^{(22)}m_{020}^{(21)}m_{011}^{(00)} + 2m_{100}^{(10)}m_{101}^{(22)}m_{011}^{(00)}m_{011}^{(11)}\\
&+2m_{100}^{(10)}m_{101}^{(22)}(m_{011}^{(10)})^2 + 2m_{100}^{(11)}m_{200}^{(10)}m_{020}^{(20)}m_{002}^{(22)} - 2m_{100}^{(11)}m_{200}^{(10)}m_{020}^{(22)}m_{002}^{(20)}\\
&-2m_{100}^{(11)}m_{200}^{(10)}m_{011}^{(10)}m_{002}^{(22)} - 2m_{100}^{(11)}m_{200}^{(10)}m_{011}^{(20)}m_{002}^{(21)} + 2m_{100}^{(11)}m_{200}^{(10)}m_{011}^{(21)}m_{002}^{(20)}\\
&+2m_{100}^{(11)}m_{200}^{(10)}m_{011}^{(22)}m_{002}^{(10)} + m_{100}^{(11)}m_{200}^{(20)}m_{020}^{(10)}m_{002}^{(22)} - 4m_{100}^{(11)}m_{200}^{(20)}m_{020}^{(20)}m_{011}^{(22)}\\
&+m_{100}^{(11)}m_{200}^{(20)}m_{020}^{(20)}m_{002}^{(21)} - m_{100}^{(11)}m_{200}^{(20)}m_{020}^{(21)}m_{002}^{(20)} + 4m_{100}^{(11)}m_{200}^{(20)}m_{020}^{(22)}m_{011}^{(20)}\\
&-m_{100}^{(11)}m_{200}^{(20)}m_{020}^{(22)}m_{002}^{(10)} - m_{100}^{(11)}m_{200}^{(21)}m_{020}^{(00)}m_{002}^{(22)} + m_{100}^{(11)}m_{200}^{(21)}m_{020}^{(22)}m_{002}^{(00)}\\
&+2m_{100}^{(11)}m_{200}^{(21)}m_{011}^{(00)}m_{002}^{(21)} + 2m_{100}^{(11)}m_{200}^{(21)}m_{011}^{(10)}m_{002}^{(20)} - 2m_{100}^{(11)}m_{200}^{(21)}m_{011}^{(20)}m_{002}^{(10)}
\end{aligned}
$$

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\begin{aligned}
&-2m_{100}^{(11)}m_{200}^{(21)}m_{011}^{(21)}m_{002}^{(00)}+2m_{100}^{(11)}m_{200}^{(22)}m_{020}^{(00)}m_{011}^{(22)}-m_{100}^{(11)}m_{200}^{(22)}m_{020}^{(00)}m_{002}^{(21)}\\
&-m_{100}^{(11)}m_{200}^{(22)}m_{020}^{(10)}m_{002}^{(20)}+m_{100}^{(11)}m_{200}^{(22)}m_{020}^{(20)}m_{002}^{(10)}+m_{100}^{(11)}m_{200}^{(22)}m_{020}^{(21)}m_{002}^{(00)}\\
&-2m_{100}^{(11)}m_{200}^{(22)}m_{020}^{(22)}m_{011}^{(00)}+m_{100}^{(11)}m_{110}^{(00)}m_{110}^{(21)}m_{002}^{(22)}-2m_{100}^{(11)}m_{110}^{(00)}m_{110}^{(22)}m_{011}^{(22)}\\
&+m_{100}^{(11)}m_{110}^{(00)}m_{110}^{(22)}m_{002}^{(21)}-m_{100}^{(11)}m_{110}^{(00)}m_{101}^{(21)}m_{011}^{(22)}+2m_{100}^{(11)}m_{110}^{(00)}m_{101}^{(22)}m_{020}^{(22)}\\
&-m_{100}^{(11)}m_{110}^{(00)}m_{101}^{(22)}m_{011}^{(21)}-2m_{100}^{(11)}m_{110}^{(00)}m_{020}^{(20)}m_{002}^{(22)}+m_{100}^{(11)}m_{110}^{(00)}m_{011}^{(10)}m_{002}^{(22)}\\
&+2m_{100}^{(11)}m_{110}^{(00)}m_{011}^{(20)}m_{011}^{(22)}+m_{100}^{(11)}m_{110}^{(00)}m_{011}^{(20)}m_{002}^{(21)}-m_{100}^{(11)}m_{110}^{(00)}m_{011}^{(21)}m_{002}^{(20)}\\
&-m_{100}^{(11)}m_{110}^{(00)}m_{011}^{(22)}m_{002}^{(10)}-3m_{100}^{(11)}m_{110}^{(10)}m_{110}^{(20)}m_{002}^{(22)}+3m_{100}^{(11)}m_{110}^{(10)}m_{110}^{(22)}m_{002}^{(20)}\\
&+2m_{100}^{(11)}m_{110}^{(10)}m_{101}^{(10)}m_{002}^{(22)}-m_{100}^{(11)}m_{110}^{(10)}m_{101}^{(20)}m_{011}^{(22)}+2m_{100}^{(11)}m_{110}^{(10)}m_{101}^{(20)}m_{002}^{(21)}\\
&-2m_{100}^{(11)}m_{110}^{(10)}m_{101}^{(21)}m_{002}^{(20)}+m_{100}^{(11)}m_{110}^{(10)}m_{101}^{(22)}m_{011}^{(20)}-2m_{100}^{(11)}m_{110}^{(10)}m_{101}^{(22)}m_{002}^{(10)}\\
&+m_{100}^{(11)}m_{110}^{(10)}m_{011}^{(00)}m_{002}^{(22)}-m_{100}^{(11)}m_{110}^{(10)}m_{011}^{(22)}m_{002}^{(00)}+4m_{100}^{(11)}(m_{110}^{(20)})^2m_{011}^{(22)}\\
&-m_{100}^{(11)}(m_{110}^{(20)})^2m_{002}^{(21)}+m_{100}^{(11)}m_{110}^{(20)}m_{110}^{(21)}m_{002}^{(20)}-4m_{100}^{(11)}m_{110}^{(20)}m_{110}^{(22)}m_{011}^{(20)}\\
&+m_{100}^{(11)}m_{110}^{(20)}m_{101}^{(10)}m_{011}^{(22)}-4m_{100}^{(11)}m_{110}^{(20)}m_{101}^{(20)}m_{020}^{(22)}+m_{100}^{(11)}m_{110}^{(20)}m_{101}^{(21)}m_{011}^{(20)}\\
&+2m_{100}^{(11)}m_{110}^{(20)}m_{101}^{(22)}m_{011}^{(10)}+2m_{100}^{(11)}m_{110}^{(20)}m_{020}^{(00)}m_{002}^{(22)}+2m_{100}^{(11)}m_{110}^{(20)}m_{020}^{(22)}m_{002}^{(00)}\\
&-4m_{100}^{(11)}m_{110}^{(20)}m_{011}^{(00)}m_{011}^{(22)}-m_{100}^{(11)}m_{110}^{(20)}m_{011}^{(00)}m_{002}^{(21)}-m_{100}^{(11)}m_{110}^{(20)}m_{011}^{(10)}m_{002}^{(20)}\\
&+m_{100}^{(11)}m_{110}^{(20)}m_{011}^{(20)}m_{002}^{(10)}+m_{100}^{(11)}m_{110}^{(20)}m_{011}^{(21)}m_{002}^{(00)}-2m_{100}^{(11)}m_{110}^{(21)}m_{110}^{(22)}m_{002}^{(00)}\\
&+m_{100}^{(11)}m_{110}^{(21)}m_{101}^{(00)}m_{011}^{(22)}-2m_{100}^{(11)}m_{110}^{(21)}m_{101}^{(00)}m_{002}^{(21)}-2m_{100}^{(11)}m_{110}^{(21)}m_{101}^{(10)}m_{002}^{(20)}\\
&-m_{100}^{(11)}m_{110}^{(21)}m_{101}^{(20)}m_{011}^{(20)}+2m_{100}^{(11)}m_{110}^{(21)}m_{101}^{(20)}m_{002}^{(10)}+2m_{100}^{(11)}m_{110}^{(21)}m_{101}^{(21)}m_{002}^{(00)}\\
&-2m_{100}^{(11)}m_{110}^{(21)}m_{011}^{(00)}m_{002}^{(20)}+2m_{100}^{(11)}m_{110}^{(21)}m_{011}^{(20)}m_{002}^{(00)}+2m_{100}^{(11)}(m_{110}^{(22)})^2m_{011}^{(00)}\\
&+m_{100}^{(11)}m_{110}^{(22)}m_{101}^{(00)}m_{011}^{(21)}-m_{100}^{(11)}m_{110}^{(22)}m_{101}^{(10)}m_{011}^{(20)}+4m_{100}^{(11)}m_{110}^{(22)}m_{101}^{(20)}m_{020}^{(20)}\\
&-2m_{100}^{(11)}m_{110}^{(22)}m_{101}^{(20)}m_{011}^{(10)}-2m_{100}^{(11)}m_{110}^{(22)}m_{101}^{(22)}m_{020}^{(00)}-2m_{100}^{(11)}m_{110}^{(22)}m_{020}^{(20)}m_{002}^{(00)}\\
&+2m_{100}^{(11)}m_{110}^{(22)}m_{011}^{(00)}m_{011}^{(20)}-m_{100}^{(11)}m_{101}^{(00)}m_{101}^{(22)}m_{020}^{(20)}+2m_{100}^{(11)}m_{101}^{(00)}m_{101}^{(21)}m_{011}^{(21)}\\
&-m_{100}^{(11)}m_{101}^{(00)}m_{101}^{(22)}m_{020}^{(21)}-m_{100}^{(11)}m_{101}^{(00)}m_{020}^{(10)}m_{002}^{(22)}+2m_{100}^{(11)}m_{101}^{(00)}m_{020}^{(20)}m_{011}^{(22)}\\
&+m_{100}^{(11)}m_{101}^{(00)}m_{020}^{(20)}m_{002}^{(21)}+2m_{100}^{(11)}m_{101}^{(00)}m_{020}^{(21)}m_{002}^{(20)}-2m_{100}^{(11)}m_{101}^{(00)}m_{020}^{(22)}m_{011}^{(20)}\\
&+m_{100}^{(11)}m_{101}^{(00)}m_{011}^{(10)}m_{011}^{(22)}-3m_{100}^{(11)}m_{101}^{(00)}m_{011}^{(20)}m_{011}^{(21)}-2m_{100}^{(11)}(m_{101}^{(10)})^2m_{011}^{(22)}\\
&+3m_{100}^{(11)}m_{101}^{(10)}m_{101}^{(20)}m_{020}^{(22)}-2m_{100}^{(11)}m_{101}^{(10)}m_{101}^{(20)}m_{011}^{(21)}+4m_{100}^{(11)}m_{101}^{(10)}m_{101}^{(21)}m_{011}^{(20)}\\
&-3m_{100}^{(11)}m_{101}^{(10)}m_{101}^{(22)}m_{020}^{(20)}+2m_{100}^{(11)}m_{101}^{(10)}m_{101}^{(22)}m_{011}^{(10)}-m_{100}^{(11)}m_{101}^{(10)}m_{020}^{(00)}m_{002}^{(22)}\\
&+m_{100}^{(11)}m_{101}^{(10)}m_{020}^{(20)}m_{002}^{(20)}+m_{100}^{(11)}m_{101}^{(10)}m_{011}^{(00)}m_{011}^{(22)}-m_{100}^{(11)}m_{101}^{(10)}(m_{011}^{(20)})^2\\
&+m_{100}^{(11)}(m_{101}^{(20)})^2m_{020}^{(21)}-m_{100}^{(11)}m_{101}^{(20)}m_{101}^{(21)}m_{020}^{(20)}-2m_{100}^{(11)}m_{101}^{(20)}m_{101}^{(21)}m_{011}^{(10)}\\
&-m_{100}^{(11)}m_{101}^{(20)}m_{020}^{(00)}m_{002}^{(21)}-m_{100}^{(11)}m_{101}^{(20)}m_{020}^{(20)}m_{002}^{(10)}-2m_{100}^{(11)}m_{101}^{(20)}m_{020}^{(21)}m_{002}^{(00)}\\
&+3m_{100}^{(11)}m_{101}^{(20)}m_{011}^{(00)}m_{011}^{(21)}+m_{100}^{(11)}m_{101}^{(20)}m_{011}^{(10)}m_{011}^{(20)}-2m_{100}^{(11)}(m_{101}^{(21)})^2m_{011}^{(00)}\\
&+2m_{100}^{(11)}m_{101}^{(21)}m_{101}^{(22)}m_{020}^{(00)}+m_{100}^{(11)}m_{101}^{(21)}m_{020}^{(00)}m_{002}^{(20)}-m_{100}^{(11)}m_{101}^{(21)}m_{020}^{(20)}m_{002}^{(00)}\\
&-2m_{100}^{(11)}m_{101}^{(22)}m_{020}^{(00)}m_{011}^{(20)}+m_{100}^{(11)}m_{101}^{(22)}m_{020}^{(00)}m_{002}^{(10)}+m_{100}^{(11)}m_{101}^{(22)}m_{020}^{(10)}m_{002}^{(00)}\\
&+2m_{100}^{(11)}m_{101}^{(22)}m_{020}^{(20)}m_{011}^{(00)}-2m_{100}^{(11)}m_{101}^{(22)}m_{011}^{(00)}m_{011}^{(10)}+m_{100}^{(20)}m_{200}^{(10)}m_{020}^{(11)}m_{002}^{(22)}\\
&-m_{100}^{(20)}m_{200}^{(10)}m_{020}^{(22)}m_{002}^{(11)}-4m_{100}^{(20)}m_{200}^{(10)}m_{011}^{(11)}m_{002}^{(21)}+4m_{100}^{(20)}m_{200}^{(10)}m_{011}^{(21)}m_{002}^{(11)}\\
&-m_{100}^{(20)}m_{200}^{(11)}m_{020}^{(10)}m_{002}^{(22)}+3m_{100}^{(20)}m_{200}^{(11)}m_{020}^{(20)}m_{002}^{(21)}-3m_{100}^{(20)}m_{200}^{(11)}m_{020}^{(21)}m_{002}^{(20)}\\
&+m_{100}^{(20)}m_{200}^{(11)}m_{020}^{(22)}m_{002}^{(10)}+4m_{100}^{(20)}m_{200}^{(11)}m_{011}^{(11)}m_{002}^{(20)}-4m_{100}^{(20)}m_{200}^{(11)}m_{011}^{(20)}m_{002}^{(11)}\\
&-2m_{100}^{(20)}m_{200}^{(20)}m_{020}^{(11)}m_{011}^{(22)}+2m_{100}^{(20)}m_{200}^{(20)}m_{020}^{(11)}m_{002}^{(21)}-2m_{100}^{(20)}m_{200}^{(20)}m_{020}^{(21)}m_{002}^{(11)}\\
&+2m_{100}^{(20)}m_{200}^{(20)}m_{020}^{(22)}m_{011}^{(11)}+2m_{100}^{(20)}m_{200}^{(21)}m_{020}^{(10)}m_{011}^{(22)}-m_{100}^{(20)}m_{200}^{(21)}m_{020}^{(10)}m_{002}^{(21)}
\end{aligned}
$$

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\begin{aligned}
&-m_{100}^{(20)} m_{200}^{(21)} m_{020}^{(11)} m_{002}^{(20)} - 6 m_{100}^{(20)} m_{200}^{(21)} m_{020}^{(20)} m_{011}^{(21)} + m_{100}^{(20)} m_{200}^{(21)} m_{020}^{(20)} m_{002}^{(11)} \\
&+6 m_{100}^{(20)} m_{200}^{(21)} m_{020}^{(21)} m_{011}^{(20)} + m_{100}^{(20)} m_{200}^{(21)} m_{020}^{(21)} m_{002}^{(10)} - 2 m_{100}^{(20)} m_{200}^{(21)} m_{020}^{(22)} m_{011}^{(10)} \\
&+4 m_{100}^{(20)} m_{200}^{(21)} m_{011}^{(10)} m_{002}^{(11)} - 4 m_{100}^{(20)} m_{200}^{(21)} m_{011}^{(11)} m_{002}^{(10)} + 2 m_{100}^{(20)} m_{200}^{(22)} m_{020}^{(10)} m_{011}^{(21)} \\
&-2 m_{100}^{(20)} m_{200}^{(22)} m_{020}^{(10)} m_{002}^{(11)} - 2 m_{100}^{(20)} m_{200}^{(22)} m_{020}^{(11)} m_{011}^{(20)} + 2 m_{100}^{(20)} m_{200}^{(22)} m_{020}^{(11)} m_{002}^{(10)} \\
&+2 m_{100}^{(20)} m_{200}^{(22)} m_{020}^{(20)} m_{011}^{(11)} - 2 m_{100}^{(20)} m_{200}^{(22)} m_{020}^{(21)} m_{011}^{(10)} - m_{100}^{(20)} m_{110}^{(00)} m_{020}^{(11)} m_{002}^{(22)} \\
&+m_{100}^{(20)} m_{110}^{(00)} m_{020}^{(21)} m_{002}^{(21)} + m_{100}^{(20)} m_{110}^{(00)} m_{011}^{(11)} m_{011}^{(22)} + 2 m_{100}^{(20)} m_{110}^{(00)} m_{011}^{(11)} m_{002}^{(21)} \\
&-m_{100}^{(20)} m_{110}^{(00)} (m_{011}^{(21)})^2 - 2 m_{100}^{(20)} m_{110}^{(00)} m_{011}^{(21)} m_{002}^{(11)} - 2 m_{100}^{(20)} m_{110}^{(10)} m_{110}^{(21)} m_{011}^{(22)} \\
&+m_{100}^{(20)} m_{110}^{(10)} m_{110}^{(21)} m_{002}^{(21)} - 2 m_{100}^{(20)} m_{110}^{(10)} m_{110}^{(22)} m_{011}^{(21)} + 3 m_{100}^{(20)} m_{110}^{(10)} m_{110}^{(22)} m_{002}^{(11)} \\
&-2 m_{100}^{(20)} m_{110}^{(10)} m_{101}^{(11)} m_{011}^{(22)} + 4 m_{100}^{(20)} m_{110}^{(10)} m_{101}^{(11)} m_{002}^{(21)} + 2 m_{100}^{(20)} m_{110}^{(10)} m_{101}^{(21)} m_{020}^{(22)} \\
&-m_{100}^{(20)} m_{110}^{(10)} m_{101}^{(21)} m_{011}^{(21)} - 4 m_{100}^{(20)} m_{110}^{(10)} m_{101}^{(21)} m_{002}^{(11)} + 2 m_{100}^{(20)} m_{110}^{(10)} m_{101}^{(22)} m_{020}^{(21)} \\
&-m_{100}^{(20)} m_{110}^{(10)} m_{101}^{(22)} m_{011}^{(11)} - 3 m_{100}^{(20)} m_{110}^{(10)} m_{020}^{(20)} m_{002}^{(21)} - m_{100}^{(20)} m_{110}^{(10)} m_{020}^{(22)} m_{002}^{(10)} \\
&+m_{100}^{(20)} m_{110}^{(10)} m_{011}^{(10)} m_{011}^{(22)} + m_{100}^{(20)} m_{110}^{(10)} m_{011}^{(10)} m_{002}^{(21)} - m_{100}^{(20)} m_{110}^{(10)} m_{011}^{(11)} m_{002}^{(20)} \\
&+3 m_{100}^{(20)} m_{110}^{(10)} m_{011}^{(20)} m_{011}^{(21)} + m_{100}^{(20)} m_{110}^{(10)} m_{011}^{(20)} m_{002}^{(11)} - m_{100}^{(20)} m_{110}^{(10)} m_{011}^{(21)} m_{002}^{(10)} \\
&+2 m_{100}^{(20)} m_{110}^{(11)} m_{110}^{(20)} m_{011}^{(22)} - 5 m_{100}^{(20)} m_{110}^{(11)} m_{110}^{(20)} m_{002}^{(21)} + 4 m_{100}^{(20)} m_{110}^{(11)} m_{110}^{(21)} m_{002}^{(20)} \\
&+2 m_{100}^{(20)} m_{110}^{(11)} m_{110}^{(22)} m_{011}^{(20)} - 3 m_{100}^{(20)} m_{110}^{(11)} m_{110}^{(22)} m_{002}^{(10)} + 2 m_{100}^{(20)} m_{110}^{(11)} m_{101}^{(10)} m_{011}^{(22)} \\
&-4 m_{100}^{(20)} m_{110}^{(11)} m_{101}^{(11)} m_{002}^{(20)} - 2 m_{100}^{(20)} m_{110}^{(11)} m_{101}^{(20)} m_{020}^{(22)} - m_{100}^{(20)} m_{110}^{(11)} m_{101}^{(20)} m_{011}^{(21)} \\
&+4 m_{100}^{(20)} m_{110}^{(11)} m_{101}^{(20)} m_{002}^{(11)} + 2 m_{100}^{(20)} m_{110}^{(11)} m_{101}^{(21)} m_{011}^{(20)} - 2 m_{100}^{(20)} m_{110}^{(11)} m_{101}^{(22)} m_{020}^{(20)} \\
&+m_{100}^{(20)} m_{110}^{(11)} m_{101}^{(22)} m_{011}^{(10)} + m_{100}^{(20)} m_{110}^{(11)} m_{020}^{(00)} m_{002}^{(22)} + 2 m_{100}^{(20)} m_{110}^{(11)} m_{020}^{(20)} m_{002}^{(20)} \\
&+m_{100}^{(20)} m_{110}^{(11)} m_{020}^{(22)} m_{002}^{(00)} - 2 m_{100}^{(20)} m_{110}^{(11)} m_{011}^{(00)} m_{011}^{(22)} + m_{100}^{(20)} m_{110}^{(11)} m_{011}^{(00)} m_{002}^{(21)} \\
&-3 m_{100}^{(20)} m_{110}^{(11)} m_{011}^{(10)} m_{002}^{(20)} - 2 m_{100}^{(20)} m_{110}^{(11)} (m_{011}^{(20)})^2 + 3 m_{100}^{(20)} m_{110}^{(11)} m_{011}^{(20)} m_{002}^{(10)} \\
&-m_{100}^{(20)} m_{110}^{(11)} m_{011}^{(21)} m_{002}^{(00)} + 6 m_{100}^{(20)} m_{110}^{(20)} m_{110}^{(21)} m_{011}^{(21)} + m_{100}^{(20)} m_{110}^{(20)} m_{110}^{(21)} m_{002}^{(11)} \\
&-4 m_{100}^{(20)} m_{110}^{(20)} m_{110}^{(22)} m_{011}^{(11)} + m_{100}^{(20)} m_{110}^{(20)} m_{101}^{(11)} m_{011}^{(21)} - 6 m_{100}^{(20)} m_{110}^{(20)} m_{101}^{(21)} m_{020}^{(21)} \\
&+3 m_{100}^{(20)} m_{110}^{(20)} m_{101}^{(21)} m_{011}^{(11)} + 2 m_{100}^{(20)} m_{110}^{(20)} m_{101}^{(22)} m_{020}^{(11)} + 3 m_{100}^{(20)} m_{110}^{(20)} m_{020}^{(10)} m_{002}^{(21)} \\
&-2 m_{100}^{(20)} m_{110}^{(20)} m_{020}^{(11)} m_{002}^{(20)} + 3 m_{100}^{(20)} m_{110}^{(20)} m_{020}^{(21)} m_{002}^{(10)} - 6 m_{100}^{(20)} m_{110}^{(20)} m_{011}^{(10)} m_{011}^{(21)} \\
&-2 m_{100}^{(20)} m_{110}^{(20)} m_{011}^{(10)} m_{002}^{(11)} + 2 m_{100}^{(20)} m_{110}^{(20)} m_{011}^{(11)} m_{011}^{(20)} + 2 m_{100}^{(20)} m_{110}^{(20)} m_{011}^{(11)} m_{002}^{(10)} \\
&-6 m_{100}^{(20)} (m_{110}^{(21)})^2 m_{011}^{(20)} - m_{100}^{(20)} (m_{110}^{(21)})^2 m_{002}^{(10)} + 4 m_{100}^{(20)} m_{110}^{(21)} m_{110}^{(22)} m_{011}^{(10)} \\
&+m_{100}^{(20)} m_{110}^{(21)} m_{101}^{(10)} m_{011}^{(21)} - 4 m_{100}^{(20)} m_{110}^{(21)} m_{101}^{(10)} m_{002}^{(11)} - 2 m_{100}^{(20)} m_{110}^{(21)} m_{101}^{(11)} m_{011}^{(20)} \\
&+4 m_{100}^{(20)} m_{110}^{(21)} m_{101}^{(11)} m_{002}^{(10)} - 3 m_{100}^{(20)} m_{110}^{(21)} m_{101}^{(20)} m_{011}^{(11)} + 6 m_{100}^{(20)} m_{110}^{(21)} m_{101}^{(21)} m_{020}^{(20)} \\
&-2 m_{100}^{(20)} m_{110}^{(21)} m_{101}^{(22)} m_{020}^{(10)} - m_{100}^{(20)} m_{110}^{(21)} m_{020}^{(00)} m_{002}^{(21)} - 3 m_{100}^{(20)} m_{110}^{(21)} m_{020}^{(20)} m_{002}^{(10)} \\
&+m_{100}^{(20)} m_{110}^{(21)} m_{011}^{(00)} m_{011}^{(21)} - m_{100}^{(20)} m_{110}^{(21)} m_{011}^{(00)} m_{002}^{(11)} + 3 m_{100}^{(20)} m_{110}^{(21)} m_{011}^{(10)} m_{011}^{(20)} \\
&+m_{100}^{(20)} m_{110}^{(21)} m_{011}^{(11)} m_{002}^{(00)} + m_{100}^{(20)} m_{110}^{(22)} m_{101}^{(10)} m_{011}^{(11)} - m_{100}^{(20)} m_{110}^{(22)} m_{101}^{(11)} m_{011}^{(10)} \\
&+2 m_{100}^{(20)} m_{110}^{(22)} m_{101}^{(20)} m_{020}^{(11)} - 2 m_{100}^{(20)} m_{110}^{(22)} m_{101}^{(21)} m_{020}^{(10)} + m_{100}^{(20)} m_{110}^{(22)} m_{020}^{(10)} m_{002}^{(10)} \\
&-m_{100}^{(20)} m_{110}^{(22)} m_{020}^{(11)} m_{002}^{(00)} + m_{100}^{(20)} m_{110}^{(22)} m_{011}^{(00)} m_{011}^{(11)} - m_{100}^{(20)} m_{110}^{(22)} (m_{011}^{(10)})^2 \\
&+m_{100}^{(20)} m_{101}^{(00)} m_{020}^{(11)} m_{011}^{(22)} - m_{100}^{(20)} m_{101}^{(00)} m_{020}^{(11)} m_{002}^{(21)} + m_{100}^{(20)} m_{101}^{(00)} m_{020}^{(21)} m_{011}^{(11)} \\
&-m_{100}^{(20)} m_{101}^{(00)} m_{020}^{(22)} m_{011}^{(11)} - 4 m_{100}^{(20)} m_{101}^{(10)} m_{101}^{(11)} m_{011}^{(21)} - m_{100}^{(20)} m_{101}^{(10)} m_{101}^{(21)} m_{020}^{(21)} \\
&+8 m_{100}^{(20)} m_{101}^{(10)} m_{101}^{(21)} m_{011}^{(11)} - 3 m_{100}^{(20)} m_{101}^{(10)} m_{101}^{(22)} m_{020}^{(11)} - m_{100}^{(20)} m_{101}^{(10)} m_{020}^{(10)} m_{011}^{(22)} \\
&-m_{100}^{(20)} m_{101}^{(10)} m_{020}^{(10)} m_{002}^{(21)} + 3 m_{100}^{(20)} m_{101}^{(10)} m_{020}^{(11)} m_{002}^{(20)} + 3 m_{100}^{(20)} m_{101}^{(10)} m_{020}^{(20)} m_{011}^{(21)} \\
&+2 m_{100}^{(20)} m_{101}^{(10)} m_{020}^{(20)} m_{002}^{(11)} - 3 m_{100}^{(20)} m_{101}^{(10)} m_{020}^{(21)} m_{011}^{(20)} + m_{100}^{(20)} m_{101}^{(10)} m_{020}^{(22)} m_{011}^{(10)}
\end{aligned}
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$$+m_{100}^{(20)}m_{101}^{(10)}m_{011}^{(10)}m_{011}^{(21)} - 5m_{100}^{(20)}m_{101}^{(10)}m_{011}^{(11)}m_{011}^{(20)} + 4m_{100}^{(20)}(m_{101}^{(11)})^2m_{011}^{(20)}$$
$$+5m_{100}^{(20)}m_{101}^{(11)}m_{101}^{(20)}m_{020}^{(21)} - 4m_{100}^{(20)}m_{101}^{(11)}m_{101}^{(20)}m_{011}^{(11)} - 4m_{100}^{(20)}m_{101}^{(11)}m_{101}^{(21)}m_{020}^{(20)}$$
$$-4m_{100}^{(20)}m_{101}^{(11)}m_{101}^{(21)}m_{011}^{(10)} + 3m_{100}^{(20)}m_{101}^{(11)}m_{101}^{(22)}m_{020}^{(10)} - 2m_{100}^{(20)}m_{101}^{(11)}m_{020}^{(00)}m_{002}^{(21)}$$
$$+m_{100}^{(20)}m_{101}^{(11)}m_{020}^{(10)}m_{002}^{(20)} - 2m_{100}^{(20)}m_{101}^{(11)}m_{020}^{(20)}m_{002}^{(10)} - m_{100}^{(20)}m_{101}^{(11)}m_{020}^{(21)}m_{002}^{(00)}$$
$$+3m_{100}^{(20)}m_{101}^{(11)}m_{011}^{(00)}m_{011}^{(21)} + m_{100}^{(20)}m_{101}^{(11)}m_{011}^{(10)}m_{011}^{(20)} - m_{100}^{(20)}m_{101}^{(20)}m_{101}^{(21)}m_{020}^{(11)}$$
$$-m_{100}^{(20)}m_{101}^{(20)}m_{020}^{(10)}m_{002}^{(11)} + 2m_{100}^{(20)}m_{101}^{(20)}m_{020}^{(11)}m_{011}^{(20)} - 3m_{100}^{(20)}m_{101}^{(20)}m_{020}^{(11)}m_{002}^{(10)}$$
$$-2m_{100}^{(20)}m_{101}^{(20)}m_{020}^{(20)}m_{011}^{(11)} + 4m_{100}^{(20)}m_{101}^{(20)}m_{011}^{(10)}m_{011}^{(11)} + m_{100}^{(20)}(m_{101}^{(21)})^2m_{020}^{(10)}$$
$$+m_{100}^{(20)}m_{101}^{(21)}m_{020}^{(00)}m_{011}^{(21)} + 2m_{100}^{(20)}m_{101}^{(21)}m_{020}^{(00)}m_{002}^{(11)} - 3m_{100}^{(20)}m_{101}^{(21)}m_{020}^{(10)}m_{011}^{(20)}$$
$$+m_{100}^{(20)}m_{101}^{(21)}m_{020}^{(10)}m_{002}^{(10)} + m_{100}^{(20)}m_{101}^{(21)}m_{020}^{(11)}m_{002}^{(00)} + 3m_{100}^{(20)}m_{101}^{(21)}m_{020}^{(20)}m_{011}^{(10)}$$
$$-m_{100}^{(20)}m_{101}^{(21)}m_{020}^{(21)}m_{011}^{(00)} - 3m_{100}^{(20)}m_{101}^{(21)}m_{011}^{(00)}m_{011}^{(11)} - m_{100}^{(20)}m_{101}^{(21)}(m_{011}^{(10)})^2$$
$$-m_{100}^{(20)}m_{101}^{(22)}m_{020}^{(00)}m_{011}^{(11)} + m_{100}^{(20)}m_{101}^{(22)}m_{020}^{(11)}m_{011}^{(00)} - m_{100}^{(21)}m_{200}^{(10)}m_{020}^{(10)}m_{002}^{(22)}$$
$$-3m_{100}^{(21)}m_{200}^{(10)}m_{020}^{(20)}m_{002}^{(21)} + 3m_{100}^{(21)}m_{200}^{(10)}m_{020}^{(21)}m_{002}^{(20)} + m_{100}^{(21)}m_{200}^{(10)}m_{020}^{(22)}m_{002}^{(10)}$$
$$+6m_{100}^{(21)}m_{200}^{(10)}m_{011}^{(10)}m_{002}^{(21)} - 2m_{100}^{(21)}m_{200}^{(10)}m_{011}^{(11)}m_{002}^{(20)} + 2m_{100}^{(21)}m_{200}^{(10)}m_{011}^{(20)}m_{002}^{(11)}$$
$$-6m_{100}^{(21)}m_{200}^{(10)}m_{011}^{(21)}m_{002}^{(10)} + m_{100}^{(21)}m_{200}^{(11)}m_{020}^{(00)}m_{002}^{(22)} - m_{100}^{(21)}m_{200}^{(11)}m_{020}^{(22)}m_{002}^{(00)}$$
$$-2m_{100}^{(21)}m_{200}^{(11)}m_{011}^{(00)}m_{002}^{(21)} - 2m_{100}^{(21)}m_{200}^{(11)}m_{011}^{(10)}m_{002}^{(20)} + 2m_{100}^{(21)}m_{200}^{(11)}m_{011}^{(20)}m_{002}^{(10)}$$
$$+2m_{100}^{(21)}m_{200}^{(11)}m_{011}^{(21)}m_{002}^{(00)} + 2m_{100}^{(21)}m_{200}^{(20)}m_{020}^{(10)}m_{011}^{(22)} - 3m_{100}^{(21)}m_{200}^{(20)}m_{020}^{(10)}m_{002}^{(21)}$$
$$+m_{100}^{(21)}m_{200}^{(20)}m_{020}^{(11)}m_{002}^{(20)} + 6m_{100}^{(21)}m_{200}^{(20)}m_{020}^{(20)}m_{011}^{(21)} - m_{100}^{(21)}m_{200}^{(20)}m_{020}^{(20)}m_{002}^{(11)}$$
$$-6m_{100}^{(21)}m_{200}^{(20)}m_{020}^{(21)}m_{011}^{(20)} + 3m_{100}^{(21)}m_{200}^{(20)}m_{020}^{(21)}m_{002}^{(10)} - 2m_{100}^{(21)}m_{200}^{(20)}m_{020}^{(22)}m_{011}^{(10)}$$
$$-2m_{100}^{(21)}m_{200}^{(21)}m_{020}^{(00)}m_{011}^{(22)} + 2m_{100}^{(21)}m_{200}^{(21)}m_{020}^{(00)}m_{002}^{(21)} - 2m_{100}^{(21)}m_{200}^{(21)}m_{020}^{(21)}m_{002}^{(00)}$$
$$+2m_{100}^{(21)}m_{200}^{(21)}m_{020}^{(22)}m_{011}^{(00)} - 2m_{100}^{(21)}m_{200}^{(21)}m_{011}^{(00)}m_{002}^{(11)} + 2m_{100}^{(21)}m_{200}^{(21)}m_{011}^{(11)}m_{002}^{(00)}$$
$$-2m_{100}^{(21)}m_{200}^{(22)}m_{020}^{(00)}m_{011}^{(21)} + m_{100}^{(21)}m_{200}^{(22)}m_{020}^{(00)}m_{002}^{(11)} + 2m_{100}^{(21)}m_{200}^{(22)}m_{020}^{(10)}m_{011}^{(20)}$$
$$-m_{100}^{(21)}m_{200}^{(22)}m_{020}^{(11)}m_{002}^{(00)} - 2m_{100}^{(21)}m_{200}^{(22)}m_{020}^{(20)}m_{011}^{(10)} + 2m_{100}^{(21)}m_{200}^{(22)}m_{020}^{(21)}m_{011}^{(00)}$$
$$-m_{100}^{(21)}m_{110}^{(00)}m_{110}^{(11)}m_{002}^{(22)} + 2m_{100}^{(21)}m_{110}^{(00)}m_{110}^{(21)}m_{011}^{(22)} - 2m_{100}^{(21)}m_{110}^{(00)}m_{110}^{(21)}m_{002}^{(21)}$$
$$+2m_{100}^{(21)}m_{110}^{(00)}m_{110}^{(22)}m_{011}^{(21)} - m_{100}^{(21)}m_{110}^{(00)}m_{110}^{(22)}m_{002}^{(11)} + m_{100}^{(21)}m_{110}^{(00)}m_{101}^{(11)}m_{011}^{(22)}$$
$$-2m_{100}^{(21)}m_{110}^{(00)}m_{101}^{(21)}m_{020}^{(22)} + 2m_{100}^{(21)}m_{110}^{(00)}m_{101}^{(21)}m_{011}^{(21)} - 2m_{100}^{(21)}m_{110}^{(00)}m_{101}^{(22)}m_{020}^{(21)}$$
$$+m_{100}^{(21)}m_{110}^{(00)}m_{101}^{(22)}m_{011}^{(11)} + 2m_{100}^{(21)}m_{110}^{(00)}m_{020}^{(10)}m_{002}^{(22)} + 2m_{100}^{(21)}m_{110}^{(00)}m_{020}^{(20)}m_{002}^{(21)}$$
$$-m_{100}^{(21)}m_{110}^{(00)}m_{020}^{(20)}m_{002}^{(20)} + m_{100}^{(21)}m_{110}^{(00)}m_{020}^{(21)}m_{002}^{(10)} - 3m_{100}^{(21)}m_{110}^{(00)}m_{011}^{(10)}m_{011}^{(22)}$$
$$-3m_{100}^{(21)}m_{110}^{(00)}m_{011}^{(10)}m_{002}^{(21)} + m_{100}^{(21)}m_{110}^{(00)}m_{011}^{(11)}m_{002}^{(20)} - m_{100}^{(21)}m_{110}^{(00)}m_{011}^{(20)}m_{011}^{(21)}$$
$$-m_{100}^{(21)}m_{110}^{(00)}m_{011}^{(20)}m_{002}^{(11)} + 3m_{100}^{(21)}m_{110}^{(00)}m_{011}^{(21)}m_{002}^{(10)} + m_{100}^{(21)}(m_{110}^{(10)})^2m_{002}^{(22)}$$
$$-2m_{100}^{(21)}m_{110}^{(10)}m_{110}^{(20)}m_{011}^{(22)} + 6m_{100}^{(21)}m_{110}^{(10)}m_{110}^{(20)}m_{002}^{(21)} - 3m_{100}^{(21)}m_{110}^{(10)}m_{110}^{(21)}m_{002}^{(20)}$$
$$-2m_{100}^{(21)}m_{110}^{(10)}m_{110}^{(22)}m_{011}^{(20)} - m_{100}^{(21)}m_{110}^{(10)}m_{110}^{(22)}m_{002}^{(10)} - 6m_{100}^{(21)}m_{110}^{(10)}m_{101}^{(10)}m_{011}^{(21)}$$
$$+2m_{100}^{(21)}m_{110}^{(10)}m_{101}^{(11)}m_{002}^{(20)} + 2m_{100}^{(21)}m_{110}^{(10)}m_{101}^{(20)}m_{020}^{(22)} - 2m_{100}^{(21)}m_{110}^{(10)}m_{101}^{(20)}m_{002}^{(11)}$$
$$-3m_{100}^{(21)}m_{110}^{(10)}m_{101}^{(21)}m_{011}^{(20)} + 6m_{100}^{(21)}m_{110}^{(10)}m_{101}^{(21)}m_{002}^{(10)} + 2m_{100}^{(21)}m_{110}^{(10)}m_{101}^{(22)}m_{020}^{(20)}$$
$$-m_{100}^{(21)}m_{110}^{(10)}m_{101}^{(22)}m_{011}^{(10)} - 2m_{100}^{(21)}m_{110}^{(10)}m_{020}^{(00)}m_{002}^{(22)} - m_{100}^{(21)}m_{110}^{(10)}m_{020}^{(20)}m_{002}^{(20)}$$
$$-m_{100}^{(21)}m_{110}^{(10)}m_{020}^{(22)}m_{002}^{(00)} + 3m_{100}^{(21)}m_{110}^{(10)}m_{011}^{(00)}m_{011}^{(22)} - m_{100}^{(21)}m_{110}^{(10)}m_{011}^{(00)}m_{002}^{(21)}$$
$$+m_{100}^{(21)}m_{110}^{(10)}m_{011}^{(10)}m_{002}^{(20)} + m_{100}^{(21)}m_{110}^{(10)}(m_{011}^{(20)})^2 - m_{100}^{(21)}m_{110}^{(10)}m_{011}^{(20)}m_{002}^{(10)}$$
$$+m_{100}^{(21)}m_{110}^{(10)}m_{011}^{(21)}m_{002}^{(00)} - m_{100}^{(21)}m_{110}^{(11)}m_{110}^{(20)}m_{002}^{(20)} + 2m_{100}^{(21)}m_{110}^{(11)}m_{110}^{(22)}m_{002}^{(00)}$$
$$-m_{100}^{(21)}m_{110}^{(11)}m_{101}^{(00)}m_{011}^{(22)} + 2m_{100}^{(21)}m_{110}^{(11)}m_{101}^{(00)}m_{002}^{(21)} + 2m_{100}^{(21)}m_{110}^{(11)}m_{101}^{(10)}m_{002}^{(20)}$$

$$+m_{100}^{(21)}m_{110}^{(11)}m_{101}^{(20)}m_{011}^{(20)} - 2m_{100}^{(21)}m_{110}^{(11)}m_{101}^{(20)}m_{002}^{(10)} - 2m_{100}^{(21)}m_{110}^{(11)}m_{101}^{(21)}m_{002}^{(00)}$$
$$+2m_{100}^{(21)}m_{110}^{(11)}m_{011}^{(00)}m_{002}^{(20)} - 2m_{100}^{(21)}m_{110}^{(11)}m_{011}^{(20)}m_{002}^{(00)} - 6m_{100}^{(21)}(m_{110}^{(20)})^2m_{011}^{(21)}$$
$$+m_{100}^{(21)}(m_{110}^{(20)})^2m_{002}^{(11)} + 6m_{100}^{(21)}m_{110}^{(20)}m_{110}^{(21)}m_{011}^{(20)} - 3m_{100}^{(21)}m_{110}^{(20)}m_{110}^{(21)}m_{002}^{(10)}$$
$$+4m_{100}^{(21)}m_{110}^{(20)}m_{110}^{(22)}m_{011}^{(10)} - m_{100}^{(21)}m_{110}^{(20)}m_{101}^{(11)}m_{011}^{(20)} + 6m_{100}^{(21)}m_{110}^{(20)}m_{101}^{(20)}m_{020}^{(21)}$$
$$-3m_{100}^{(21)}m_{110}^{(20)}m_{101}^{(21)}m_{011}^{(10)} - 2m_{100}^{(21)}m_{110}^{(20)}m_{101}^{(22)}m_{020}^{(10)} - 2m_{100}^{(21)}m_{110}^{(20)}m_{020}^{(00)}m_{002}^{(21)}$$
$$+m_{100}^{(21)}m_{110}^{(20)}m_{020}^{(10)}m_{002}^{(20)} - 3m_{100}^{(21)}m_{110}^{(20)}m_{020}^{(21)}m_{002}^{(00)} + 5m_{100}^{(21)}m_{110}^{(20)}m_{011}^{(00)}m_{011}^{(21)}$$
$$+m_{100}^{(21)}m_{110}^{(20)}m_{011}^{(00)}m_{002}^{(11)} - m_{100}^{(21)}m_{110}^{(20)}m_{011}^{(10)}m_{011}^{(20)} - m_{100}^{(21)}m_{110}^{(20)}m_{011}^{(11)}m_{002}^{(00)}$$
$$+2m_{100}^{(21)}(m_{110}^{(21)})^2m_{002}^{(00)} - 4m_{100}^{(21)}m_{110}^{(21)}m_{110}^{(22)}m_{011}^{(00)} - 2m_{100}^{(21)}m_{110}^{(21)}m_{101}^{(00)}m_{011}^{(21)}$$
$$+2m_{100}^{(21)}m_{110}^{(21)}m_{101}^{(00)}m_{002}^{(11)} + 3m_{100}^{(21)}m_{110}^{(21)}m_{101}^{(10)}m_{011}^{(20)} - 2m_{100}^{(21)}m_{110}^{(21)}m_{101}^{(11)}m_{002}^{(00)}$$
$$-6m_{100}^{(21)}m_{110}^{(21)}m_{101}^{(20)}m_{020}^{(20)} + 3m_{100}^{(21)}m_{110}^{(21)}m_{101}^{(20)}m_{011}^{(10)} + 2m_{100}^{(21)}m_{110}^{(21)}m_{101}^{(22)}m_{020}^{(00)}$$
$$+m_{100}^{(21)}m_{110}^{(21)}m_{020}^{(00)}m_{002}^{(20)} + 3m_{100}^{(21)}m_{110}^{(21)}m_{020}^{(20)}m_{002}^{(00)} - 4m_{100}^{(21)}m_{110}^{(21)}m_{011}^{(00)}m_{011}^{(20)}$$
$$+2m_{100}^{(21)}m_{110}^{(21)}m_{011}^{(00)}m_{002}^{(10)} - 2m_{100}^{(21)}m_{110}^{(21)}m_{011}^{(10)}m_{002}^{(00)} - m_{100}^{(21)}m_{110}^{(22)}m_{101}^{(00)}m_{011}^{(11)}$$
$$+m_{100}^{(21)}m_{110}^{(22)}m_{101}^{(10)}m_{011}^{(10)} - 2m_{100}^{(21)}m_{110}^{(22)}m_{101}^{(20)}m_{020}^{(10)} + 2m_{100}^{(21)}m_{110}^{(22)}m_{101}^{(21)}m_{020}^{(00)}$$
$$-m_{100}^{(21)}m_{110}^{(22)}m_{020}^{(00)}m_{002}^{(10)} + m_{100}^{(21)}m_{110}^{(22)}m_{020}^{(10)}m_{002}^{(00)} + m_{100}^{(21)}m_{101}^{(00)}m_{101}^{(11)}m_{020}^{(22)}$$
$$-2m_{100}^{(21)}m_{101}^{(00)}m_{101}^{(11)}m_{011}^{(21)} + 2m_{100}^{(21)}m_{101}^{(00)}m_{101}^{(21)}m_{020}^{(21)} - 2m_{100}^{(21)}m_{101}^{(00)}m_{101}^{(21)}m_{011}^{(11)}$$
$$+m_{100}^{(21)}m_{101}^{(00)}m_{101}^{(22)}m_{020}^{(11)} - m_{100}^{(21)}m_{101}^{(00)}m_{020}^{(10)}m_{011}^{(22)} + m_{100}^{(21)}m_{101}^{(00)}m_{020}^{(10)}m_{002}^{(21)}$$
$$-2m_{100}^{(21)}m_{101}^{(00)}m_{020}^{(11)}m_{002}^{(20)} - 3m_{100}^{(21)}m_{101}^{(00)}m_{020}^{(20)}m_{011}^{(21)} - m_{100}^{(21)}m_{101}^{(00)}m_{020}^{(20)}m_{002}^{(11)}$$
$$+3m_{100}^{(21)}m_{101}^{(00)}m_{020}^{(21)}m_{011}^{(20)} - 2m_{100}^{(21)}m_{101}^{(00)}m_{020}^{(21)}m_{002}^{(10)} + m_{100}^{(21)}m_{101}^{(00)}m_{020}^{(22)}m_{011}^{(10)}$$
$$+m_{100}^{(21)}m_{101}^{(00)}m_{011}^{(10)}m_{011}^{(21)} + 3m_{100}^{(21)}m_{101}^{(00)}m_{011}^{(11)}m_{011}^{(20)} - m_{100}^{(21)}(m_{101}^{(10)})^2m_{020}^{(22)}$$
$$+6m_{100}^{(21)}(m_{101}^{(10)})^2m_{011}^{(21)} - 4m_{100}^{(21)}m_{101}^{(10)}m_{101}^{(11)}m_{011}^{(20)} - 6m_{100}^{(21)}m_{101}^{(10)}m_{101}^{(20)}m_{020}^{(21)}$$
$$+2m_{100}^{(21)}m_{101}^{(10)}m_{101}^{(20)}m_{011}^{(11)} + 3m_{100}^{(21)}m_{101}^{(10)}m_{101}^{(21)}m_{020}^{(20)} - 6m_{100}^{(21)}m_{101}^{(10)}m_{101}^{(21)}m_{011}^{(10)}$$
$$+m_{100}^{(21)}m_{101}^{(10)}m_{101}^{(22)}m_{020}^{(10)} + m_{100}^{(21)}m_{101}^{(10)}m_{020}^{(00)}m_{011}^{(22)} + 3m_{100}^{(21)}m_{101}^{(10)}m_{020}^{(00)}m_{002}^{(21)}$$
$$-m_{100}^{(21)}m_{101}^{(10)}m_{020}^{(10)}m_{002}^{(20)} + 2m_{100}^{(21)}m_{101}^{(10)}m_{020}^{(21)}m_{002}^{(00)} - m_{100}^{(21)}m_{101}^{(10)}m_{020}^{(22)}m_{011}^{(00)}$$
$$-5m_{100}^{(21)}m_{101}^{(10)}m_{011}^{(00)}m_{011}^{(21)} + m_{100}^{(21)}m_{101}^{(10)}m_{011}^{(10)}m_{011}^{(20)} + m_{100}^{(21)}m_{101}^{(11)}m_{101}^{(20)}m_{020}^{(20)}$$
$$+2m_{100}^{(21)}m_{101}^{(11)}m_{101}^{(20)}m_{011}^{(10)} + 4m_{100}^{(21)}m_{101}^{(11)}m_{101}^{(21)}m_{011}^{(00)} - 2m_{100}^{(21)}m_{101}^{(11)}m_{101}^{(22)}m_{020}^{(00)}$$
$$-m_{100}^{(21)}m_{101}^{(11)}m_{020}^{(00)}m_{002}^{(20)} + m_{100}^{(21)}m_{101}^{(11)}m_{020}^{(20)}m_{002}^{(00)} - m_{100}^{(21)}(m_{101}^{(20)})^2m_{020}^{(11)}$$
$$+3m_{100}^{(21)}m_{101}^{(20)}m_{101}^{(21)}m_{020}^{(10)} - m_{100}^{(21)}m_{101}^{(20)}m_{020}^{(00)}m_{011}^{(21)} + m_{100}^{(21)}m_{101}^{(20)}m_{020}^{(00)}m_{002}^{(11)}$$
$$-m_{100}^{(21)}m_{101}^{(20)}m_{020}^{(10)}m_{011}^{(20)} + m_{100}^{(21)}m_{101}^{(20)}m_{020}^{(10)}m_{002}^{(10)} + 2m_{100}^{(21)}m_{101}^{(20)}m_{020}^{(11)}m_{002}^{(00)}$$
$$+m_{100}^{(21)}m_{101}^{(20)}m_{020}^{(10)}m_{011}^{(10)} + m_{100}^{(21)}m_{101}^{(20)}m_{020}^{(21)}m_{011}^{(00)} - 3m_{100}^{(21)}m_{101}^{(20)}m_{011}^{(00)}m_{011}^{(11)}$$
$$-m_{100}^{(21)}m_{101}^{(20)}(m_{011}^{(10)})^2 - 2m_{100}^{(21)}(m_{101}^{(21)})^2m_{020}^{(00)} + 2m_{100}^{(21)}m_{101}^{(21)}m_{101}^{(00)}m_{020}^{(20)}m_{011}^{(21)}$$
$$-3m_{100}^{(21)}m_{101}^{(21)}m_{020}^{(00)}m_{002}^{(10)} - m_{100}^{(21)}m_{101}^{(21)}m_{020}^{(10)}m_{002}^{(00)} - 2m_{100}^{(21)}m_{101}^{(21)}m_{020}^{(20)}m_{011}^{(00)}$$
$$+4m_{100}^{(21)}m_{101}^{(21)}m_{011}^{(00)}m_{011}^{(10)} + 2m_{100}^{(21)}m_{101}^{(22)}m_{020}^{(00)}m_{011}^{(10)} - 2m_{100}^{(21)}m_{101}^{(22)}m_{020}^{(10)}m_{011}^{(00)}$$
$$+m_{100}^{(22)}m_{200}^{(10)}m_{020}^{(10)}m_{002}^{(21)} - m_{100}^{(22)}m_{200}^{(10)}m_{020}^{(11)}m_{002}^{(20)} + m_{100}^{(22)}m_{200}^{(10)}m_{020}^{(20)}m_{002}^{(11)}$$
$$-m_{100}^{(22)}m_{200}^{(10)}m_{020}^{(21)}m_{002}^{(10)} - 4m_{100}^{(22)}m_{200}^{(10)}m_{011}^{(10)}m_{002}^{(11)} + 4m_{100}^{(22)}m_{200}^{(10)}m_{011}^{(11)}m_{002}^{(10)}$$
$$-m_{100}^{(22)}m_{200}^{(11)}m_{020}^{(00)}m_{002}^{(21)} + m_{100}^{(22)}m_{200}^{(11)}m_{020}^{(10)}m_{002}^{(20)} - m_{100}^{(22)}m_{200}^{(11)}m_{020}^{(20)}m_{002}^{(10)}$$
$$+m_{100}^{(22)}m_{200}^{(11)}m_{020}^{(21)}m_{002}^{(00)} + 2m_{100}^{(22)}m_{200}^{(11)}m_{011}^{(00)}m_{002}^{(11)} - 2m_{100}^{(22)}m_{200}^{(11)}m_{011}^{(11)}m_{002}^{(00)}$$
$$-2m_{100}^{(22)}m_{200}^{(20)}m_{020}^{(10)}m_{011}^{(21)} + 2m_{100}^{(22)}m_{200}^{(20)}m_{020}^{(10)}m_{002}^{(11)} + 2m_{100}^{(22)}m_{200}^{(20)}m_{020}^{(11)}m_{011}^{(20)}$$
$$-2m_{100}^{(22)}m_{200}^{(20)}m_{020}^{(11)}m_{002}^{(10)} - 2m_{100}^{(22)}m_{200}^{(20)}m_{020}^{(20)}m_{011}^{(11)} + 2m_{100}^{(22)}m_{200}^{(20)}m_{020}^{(21)}m_{011}^{(10)}$$

$$+2m_{100}^{(22)}m_{200}^{(21)}m_{020}^{(00)}m_{011}^{(21)} - m_{100}^{(22)}m_{200}^{(21)}m_{020}^{(00)}m_{002}^{(11)} - 2m_{100}^{(22)}m_{200}^{(21)}m_{020}^{(10)}m_{011}^{(20)}$$
$$+m_{100}^{(22)}m_{200}^{(21)}m_{020}^{(11)}m_{002}^{(00)} + 2m_{100}^{(22)}m_{200}^{(21)}m_{020}^{(20)}m_{011}^{(10)} - 2m_{100}^{(22)}m_{200}^{(21)}m_{020}^{(21)}m_{011}^{(00)}$$
$$+m_{100}^{(22)}m_{110}^{(00)}m_{110}^{(11)}m_{002}^{(21)} - 2m_{100}^{(22)}m_{110}^{(00)}m_{110}^{(21)}m_{011}^{(21)} + m_{100}^{(22)}m_{110}^{(00)}m_{110}^{(21)}m_{002}^{(11)}$$
$$-m_{100}^{(22)}m_{110}^{(00)}m_{101}^{(11)}m_{011}^{(21)} + 2m_{100}^{(22)}m_{110}^{(00)}m_{101}^{(21)}m_{020}^{(21)} - m_{100}^{(22)}m_{110}^{(00)}m_{101}^{(21)}m_{011}^{(11)}$$
$$-2m_{100}^{(22)}m_{110}^{(00)}m_{020}^{(10)}m_{002}^{(21)} + m_{100}^{(22)}m_{110}^{(00)}m_{020}^{(11)}m_{002}^{(20)} - m_{100}^{(22)}m_{110}^{(00)}m_{020}^{(21)}m_{002}^{(10)}$$
$$+3m_{100}^{(22)}m_{110}^{(00)}m_{011}^{(10)}m_{011}^{(21)} + 2m_{100}^{(22)}m_{110}^{(00)}m_{011}^{(10)}m_{002}^{(11)} - m_{100}^{(22)}m_{110}^{(00)}m_{011}^{(11)}m_{011}^{(20)}$$
$$-2m_{100}^{(22)}m_{110}^{(00)}m_{011}^{(11)}m_{002}^{(10)} - m_{100}^{(22)}(m_{110}^{(10)})^2m_{002}^{(21)} + 2m_{100}^{(22)}m_{110}^{(10)}m_{110}^{(20)}m_{011}^{(21)}$$
$$-3m_{100}^{(22)}m_{110}^{(10)}m_{110}^{(20)}m_{002}^{(11)} + 2m_{100}^{(22)}m_{110}^{(10)}m_{110}^{(21)}m_{011}^{(20)} + m_{100}^{(22)}m_{110}^{(10)}m_{110}^{(21)}m_{002}^{(10)}$$
$$+4m_{100}^{(22)}m_{110}^{(10)}m_{101}^{(10)}m_{002}^{(11)} + 2m_{100}^{(22)}m_{110}^{(10)}m_{101}^{(11)}m_{011}^{(20)} - 4m_{100}^{(22)}m_{110}^{(10)}m_{101}^{(11)}m_{002}^{(10)}$$
$$-2m_{100}^{(22)}m_{110}^{(10)}m_{101}^{(20)}m_{020}^{(21)} + m_{100}^{(22)}m_{110}^{(10)}m_{101}^{(20)}m_{011}^{(11)} - 2m_{100}^{(22)}m_{110}^{(10)}m_{101}^{(21)}m_{020}^{(20)}$$
$$+m_{100}^{(22)}m_{110}^{(10)}m_{101}^{(21)}m_{011}^{(10)} + 2m_{100}^{(22)}m_{110}^{(10)}m_{020}^{(00)}m_{002}^{(21)} + m_{100}^{(22)}m_{110}^{(10)}m_{020}^{(20)}m_{002}^{(10)}$$
$$+m_{100}^{(22)}m_{110}^{(10)}m_{020}^{(21)}m_{002}^{(00)} - 3m_{100}^{(22)}m_{110}^{(10)}m_{011}^{(00)}m_{011}^{(21)} - m_{100}^{(22)}m_{110}^{(10)}m_{011}^{(10)}m_{011}^{(20)}$$
$$-2m_{100}^{(22)}m_{110}^{(11)}m_{110}^{(20)}m_{011}^{(20)} + 3m_{100}^{(22)}m_{110}^{(11)}m_{110}^{(20)}m_{002}^{(10)} - 2m_{100}^{(22)}m_{110}^{(11)}m_{110}^{(21)}m_{002}^{(00)}$$
$$+m_{100}^{(22)}m_{110}^{(11)}m_{101}^{(00)}m_{011}^{(21)} - 2m_{100}^{(22)}m_{110}^{(11)}m_{101}^{(00)}m_{002}^{(11)} - 2m_{100}^{(22)}m_{110}^{(11)}m_{101}^{(10)}m_{011}^{(20)}$$
$$+2m_{100}^{(22)}m_{110}^{(11)}m_{101}^{(11)}m_{002}^{(00)} + 2m_{100}^{(22)}m_{110}^{(11)}m_{101}^{(20)}m_{020}^{(20)} - m_{100}^{(22)}m_{110}^{(11)}m_{101}^{(20)}m_{011}^{(10)}$$
$$-m_{100}^{(22)}m_{110}^{(11)}m_{020}^{(00)}m_{002}^{(20)} - m_{100}^{(22)}m_{110}^{(11)}m_{020}^{(20)}m_{002}^{(00)} + 2m_{100}^{(22)}m_{110}^{(11)}m_{011}^{(00)}m_{011}^{(20)}$$
$$-2m_{100}^{(22)}m_{110}^{(11)}m_{011}^{(00)}m_{002}^{(10)} + 2m_{100}^{(22)}m_{110}^{(11)}m_{011}^{(10)}m_{002}^{(00)} + 2m_{100}^{(22)}(m_{110}^{(20)})^2m_{011}^{(11)}$$
$$-4m_{100}^{(22)}m_{110}^{(20)}m_{110}^{(21)}m_{011}^{(10)} - m_{100}^{(22)}m_{110}^{(20)}m_{101}^{(10)}m_{011}^{(11)} + m_{100}^{(22)}m_{110}^{(20)}m_{101}^{(11)}m_{011}^{(10)}$$
$$-2m_{100}^{(22)}m_{110}^{(20)}m_{101}^{(20)}m_{020}^{(11)} + 2m_{100}^{(22)}m_{110}^{(20)}m_{101}^{(21)}m_{020}^{(10)} - m_{100}^{(22)}m_{110}^{(20)}m_{020}^{(10)}m_{002}^{(10)}$$
$$+m_{100}^{(22)}m_{110}^{(20)}m_{020}^{(11)}m_{002}^{(00)} - m_{100}^{(22)}m_{110}^{(20)}m_{011}^{(00)}m_{011}^{(11)} + m_{100}^{(22)}m_{110}^{(20)}(m_{011}^{(10)})^2$$
$$+2m_{100}^{(22)}(m_{110}^{(21)})^2m_{011}^{(00)} + m_{100}^{(22)}m_{110}^{(21)}m_{101}^{(00)}m_{011}^{(11)} - m_{100}^{(22)}m_{110}^{(21)}m_{101}^{(10)}m_{011}^{(10)}$$
$$+2m_{100}^{(22)}m_{110}^{(21)}m_{101}^{(20)}m_{020}^{(10)} - 2m_{100}^{(22)}m_{110}^{(21)}m_{101}^{(21)}m_{020}^{(00)} + m_{100}^{(22)}m_{110}^{(21)}m_{020}^{(00)}m_{002}^{(10)}$$
$$-m_{100}^{(22)}m_{110}^{(21)}m_{020}^{(10)}m_{002}^{(00)} - m_{100}^{(22)}m_{101}^{(00)}m_{101}^{(11)}m_{020}^{(21)} + 2m_{100}^{(22)}m_{101}^{(00)}m_{101}^{(11)}m_{011}^{(11)}$$
$$-m_{100}^{(22)}m_{101}^{(00)}m_{101}^{(21)}m_{020}^{(11)} + m_{100}^{(22)}m_{101}^{(00)}m_{020}^{(10)}m_{011}^{(21)} - m_{100}^{(22)}m_{101}^{(00)}m_{020}^{(11)}m_{011}^{(20)}$$
$$+2m_{100}^{(22)}m_{101}^{(00)}m_{020}^{(11)}m_{002}^{(10)} + m_{100}^{(22)}m_{101}^{(00)}m_{020}^{(20)}m_{011}^{(11)} - m_{100}^{(22)}m_{101}^{(00)}m_{020}^{(21)}m_{011}^{(10)}$$
$$-2m_{100}^{(22)}m_{101}^{(00)}m_{011}^{(10)}m_{011}^{(11)} + m_{100}^{(22)}(m_{101}^{(10)})^2m_{020}^{(21)} - 4m_{100}^{(22)}(m_{101}^{(10)})^2m_{011}^{(11)}$$
$$+4m_{100}^{(22)}m_{101}^{(10)}m_{101}^{(11)}m_{011}^{(10)} + 3m_{100}^{(22)}m_{101}^{(10)}m_{101}^{(20)}m_{020}^{(11)} - m_{100}^{(22)}m_{101}^{(10)}m_{101}^{(21)}m_{020}^{(10)}$$
$$-m_{100}^{(22)}m_{101}^{(10)}m_{020}^{(00)}m_{011}^{(21)} - 2m_{100}^{(22)}m_{101}^{(10)}m_{020}^{(00)}m_{002}^{(11)} + m_{100}^{(22)}m_{101}^{(10)}m_{020}^{(10)}m_{011}^{(20)}$$
$$-2m_{100}^{(22)}m_{101}^{(10)}m_{020}^{(11)}m_{002}^{(00)} - m_{100}^{(22)}m_{101}^{(10)}m_{020}^{(20)}m_{011}^{(10)} + m_{100}^{(22)}m_{101}^{(10)}m_{020}^{(21)}m_{011}^{(00)}$$
$$+4m_{100}^{(22)}m_{101}^{(10)}m_{011}^{(00)}m_{011}^{(11)} - 2m_{100}^{(22)}(m_{101}^{(11)})^2m_{011}^{(00)} - 3m_{100}^{(22)}m_{101}^{(11)}m_{101}^{(20)}m_{020}^{(10)}$$
$$+2m_{100}^{(22)}m_{101}^{(11)}m_{101}^{(21)}m_{020}^{(00)} + 2m_{100}^{(22)}m_{101}^{(11)}m_{020}^{(00)}m_{002}^{(10)} - 2m_{100}^{(22)}m_{101}^{(11)}m_{011}^{(00)}m_{011}^{(10)}$$
$$+m_{100}^{(22)}m_{101}^{(20)}m_{020}^{(00)}m_{011}^{(11)} - m_{100}^{(22)}m_{101}^{(20)}m_{020}^{(11)}m_{011}^{(00)} - 2m_{100}^{(22)}m_{101}^{(21)}m_{020}^{(00)}m_{011}^{(10)}$$
$$+2m_{100}^{(22)}m_{101}^{(21)}m_{020}^{(10)}m_{011}^{(00)} - m_{010}^{(00)}m_{200}^{(10)}m_{020}^{(21)}m_{002}^{(22)} + m_{010}^{(00)}m_{200}^{(10)}m_{020}^{(22)}m_{002}^{(21)}$$
$$+m_{010}^{(00)}m_{200}^{(10)}m_{011}^{(11)}m_{002}^{(22)} - m_{010}^{(00)}m_{200}^{(10)}m_{011}^{(22)}m_{002}^{(11)} - 2m_{010}^{(00)}m_{200}^{(11)}m_{110}^{(21)}m_{002}^{(22)}$$
$$+2m_{010}^{(00)}m_{200}^{(11)}m_{110}^{(22)}m_{011}^{(21)} + 2m_{010}^{(00)}m_{200}^{(11)}m_{101}^{(21)}m_{011}^{(22)} - 2m_{010}^{(00)}m_{200}^{(11)}m_{101}^{(22)}m_{020}^{(21)}$$
$$+m_{010}^{(00)}m_{200}^{(11)}m_{020}^{(20)}m_{002}^{(22)} + m_{010}^{(00)}m_{200}^{(11)}m_{020}^{(22)}m_{002}^{(20)} + m_{010}^{(00)}m_{200}^{(11)}m_{011}^{(10)}m_{002}^{(22)}$$
$$-2m_{010}^{(00)}m_{200}^{(11)}m_{011}^{(20)}m_{011}^{(22)} - m_{010}^{(00)}m_{200}^{(11)}m_{011}^{(21)}m_{002}^{(20)} + m_{010}^{(00)}m_{200}^{(11)}m_{011}^{(22)}m_{002}^{(10)}$$
$$-m_{010}^{(00)}m_{200}^{(11)}m_{011}^{(22)}m_{002}^{(10)} + m_{010}^{(00)}m_{200}^{(20)}m_{020}^{(21)}m_{002}^{(21)} - m_{010}^{(00)}m_{200}^{(20)}m_{020}^{(22)}m_{002}^{(11)}$$

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\begin{aligned}
&+m_{010}^{(00)}m_{200}^{(20)}m_{011}^{(11)}m_{011}^{(22)} - 2m_{010}^{(00)}m_{200}^{(20)}m_{011}^{(11)}m_{002}^{(21)} - m_{010}^{(00)}m_{200}^{(20)}(m_{011}^{(21)})^2 \\
&+2m_{010}^{(00)}m_{200}^{(20)}m_{011}^{(21)}m_{002}^{(11)} + 2m_{010}^{(00)}m_{200}^{(21)}m_{110}^{(11)}m_{002}^{(22)} - 4m_{010}^{(00)}m_{200}^{(21)}m_{110}^{(22)}m_{011}^{(21)} \\
&+2m_{010}^{(00)}m_{200}^{(21)}m_{110}^{(22)}m_{002}^{(11)} - 2m_{010}^{(00)}m_{200}^{(21)}m_{101}^{(11)}m_{011}^{(22)} + 4m_{010}^{(00)}m_{200}^{(21)}m_{101}^{(22)}m_{020}^{(21)} \\
&-2m_{010}^{(00)}m_{200}^{(21)}m_{101}^{(22)}m_{011}^{(11)} - 2m_{010}^{(00)}m_{200}^{(21)}m_{020}^{(10)}m_{002}^{(22)} - m_{010}^{(00)}m_{200}^{(21)}m_{020}^{(20)}m_{002}^{(20)} \\
&-m_{010}^{(00)}m_{200}^{(21)}m_{020}^{(22)}m_{002}^{(10)} + 3m_{010}^{(00)}m_{200}^{(21)}m_{011}^{(10)}m_{011}^{(22)} - m_{010}^{(00)}m_{200}^{(21)}m_{011}^{(10)}m_{002}^{(21)} \\
&-m_{010}^{(00)}m_{200}^{(21)}m_{011}^{(11)}m_{002}^{(20)} + m_{010}^{(00)}m_{200}^{(21)}m_{011}^{(20)}m_{011}^{(21)} + m_{010}^{(00)}m_{200}^{(21)}m_{011}^{(20)}m_{002}^{(11)} \\
&+m_{010}^{(00)}m_{200}^{(21)}m_{011}^{(21)}m_{002}^{(10)} - 2m_{010}^{(00)}m_{200}^{(22)}m_{110}^{(11)}m_{011}^{(22)} + 4m_{010}^{(00)}m_{200}^{(22)}m_{110}^{(21)}m_{011}^{(21)} \\
&-2m_{010}^{(00)}m_{200}^{(22)}m_{110}^{(21)}m_{002}^{(11)} + 2m_{010}^{(00)}m_{200}^{(22)}m_{101}^{(11)}m_{002}^{(22)} - 4m_{010}^{(00)}m_{200}^{(22)}m_{101}^{(21)}m_{020}^{(21)} \\
&+2m_{010}^{(00)}m_{200}^{(22)}m_{101}^{(21)}m_{011}^{(11)} + 2m_{010}^{(00)}m_{200}^{(22)}m_{020}^{(10)}m_{002}^{(21)} - m_{010}^{(00)}m_{200}^{(22)}m_{020}^{(20)}m_{002}^{(11)} \\
&+m_{010}^{(00)}m_{200}^{(22)}m_{020}^{(21)}m_{002}^{(10)} - 3m_{010}^{(00)}m_{200}^{(22)}m_{011}^{(10)}m_{011}^{(21)} + m_{010}^{(00)}m_{200}^{(22)}m_{011}^{(11)}m_{011}^{(20)} \\
&+3m_{010}^{(00)}m_{110}^{(10)}m_{110}^{(21)}m_{002}^{(22)} - 3m_{010}^{(00)}m_{110}^{(10)}m_{110}^{(22)}m_{002}^{(21)} - m_{010}^{(00)}m_{110}^{(10)}m_{101}^{(11)}m_{002}^{(22)} \\
&-m_{010}^{(00)}m_{110}^{(10)}m_{101}^{(21)}m_{011}^{(22)} + m_{010}^{(00)}m_{110}^{(10)}m_{101}^{(22)}m_{011}^{(21)} + m_{010}^{(00)}m_{110}^{(10)}m_{101}^{(22)}m_{002}^{(11)} \\
&-2m_{010}^{(00)}m_{110}^{(10)}m_{011}^{(11)}m_{002}^{(22)} + 2m_{010}^{(00)}m_{110}^{(10)}m_{011}^{(20)}m_{002}^{(21)} - 2m_{010}^{(00)}m_{110}^{(10)}m_{011}^{(21)}m_{002}^{(20)} \\
&+2m_{010}^{(00)}m_{110}^{(10)}m_{011}^{(22)}m_{002}^{(10)} - m_{010}^{(00)}m_{110}^{(11)}m_{110}^{(20)}m_{002}^{(22)} + 2m_{010}^{(00)}m_{110}^{(11)}m_{110}^{(22)}m_{101}^{(22)} \\
&-m_{010}^{(00)}m_{110}^{(11)}m_{110}^{(22)}m_{002}^{(20)} - m_{010}^{(00)}m_{110}^{(11)}m_{101}^{(10)}m_{002}^{(22)} + m_{010}^{(00)}m_{110}^{(11)}m_{101}^{(20)}m_{011}^{(22)} \\
&+m_{010}^{(00)}m_{110}^{(11)}m_{101}^{(20)}m_{002}^{(21)} - 2m_{010}^{(00)}m_{110}^{(11)}m_{101}^{(21)}m_{002}^{(22)} - m_{010}^{(00)}m_{110}^{(11)}m_{101}^{(21)}m_{002}^{(20)} \\
&+m_{010}^{(00)}m_{110}^{(11)}m_{101}^{(22)}m_{011}^{(20)} + m_{010}^{(00)}m_{110}^{(11)}m_{101}^{(22)}m_{002}^{(10)} - m_{010}^{(00)}m_{110}^{(20)}m_{110}^{(21)}m_{002}^{(21)} \\
&+2m_{010}^{(00)}m_{110}^{(20)}m_{110}^{(22)}m_{002}^{(11)} + 2m_{010}^{(00)}m_{110}^{(20)}m_{101}^{(11)}m_{002}^{(21)} + m_{010}^{(00)}m_{110}^{(20)}m_{101}^{(21)}m_{011}^{(21)} \\
&-2m_{010}^{(00)}m_{110}^{(20)}m_{101}^{(21)}m_{002}^{(11)} - m_{010}^{(00)}m_{110}^{(20)}m_{101}^{(22)}m_{011}^{(11)} + 2m_{010}^{(00)}m_{110}^{(20)}m_{011}^{(10)}m_{002}^{(21)} \\
&+2m_{010}^{(00)}m_{110}^{(20)}m_{011}^{(11)}m_{002}^{(20)} - 2m_{010}^{(00)}m_{110}^{(20)}m_{011}^{(20)}m_{002}^{(11)} - 2m_{010}^{(00)}m_{110}^{(20)}m_{011}^{(21)}m_{002}^{(10)} \\
&-4m_{010}^{(00)}(m_{110}^{(21)})^2m_{101}^{(22)} + m_{010}^{(00)}(m_{110}^{(21)})^2m_{002}^{(20)} + 4m_{010}^{(00)}m_{110}^{(21)}m_{110}^{(22)}m_{101}^{(21)} \\
&-2m_{010}^{(00)}m_{110}^{(21)}m_{101}^{(10)}m_{011}^{(22)} + m_{010}^{(00)}m_{110}^{(21)}m_{101}^{(10)}m_{002}^{(21)} + 4m_{010}^{(00)}m_{110}^{(21)}m_{101}^{(11)}m_{101}^{(22)} \\
&+m_{010}^{(00)}m_{110}^{(21)}m_{101}^{(11)}m_{002}^{(20)} - m_{010}^{(00)}m_{110}^{(21)}m_{101}^{(20)}m_{002}^{(11)} - m_{010}^{(00)}m_{110}^{(21)}m_{101}^{(21)}m_{011}^{(20)} \\
&-m_{010}^{(00)}m_{110}^{(21)}m_{101}^{(21)}m_{002}^{(10)} - m_{010}^{(00)}m_{110}^{(21)}m_{101}^{(22)}m_{011}^{(10)} - 2m_{010}^{(00)}(m_{110}^{(22)})^2m_{101}^{(11)} \\
&+2m_{010}^{(00)}m_{110}^{(22)}m_{101}^{(10)}m_{011}^{(21)} - 2m_{010}^{(00)}m_{110}^{(22)}m_{101}^{(11)}m_{101}^{(21)} - m_{010}^{(00)}m_{110}^{(22)}m_{101}^{(20)}m_{011}^{(11)} \\
&+m_{010}^{(00)}m_{110}^{(22)}m_{101}^{(21)}m_{011}^{(10)} + 2m_{010}^{(00)}m_{101}^{(10)}m_{101}^{(11)}m_{011}^{(22)} - m_{010}^{(00)}m_{101}^{(10)}m_{101}^{(21)}m_{011}^{(21)} \\
&-m_{010}^{(00)}m_{101}^{(10)}m_{101}^{(22)}m_{011}^{(11)} + 2m_{010}^{(00)}m_{101}^{(10)}m_{020}^{(10)}m_{002}^{(22)} - 2m_{010}^{(00)}m_{101}^{(10)}m_{020}^{(20)}m_{002}^{(21)} \\
&-2m_{010}^{(00)}m_{101}^{(10)}m_{011}^{(10)}m_{011}^{(22)} + 2m_{010}^{(00)}m_{101}^{(10)}m_{011}^{(20)}m_{011}^{(21)} - 3m_{010}^{(00)}m_{101}^{(11)}m_{101}^{(20)}m_{011}^{(21)} \\
&-m_{010}^{(00)}m_{101}^{(11)}m_{101}^{(22)}m_{011}^{(10)} - 2m_{010}^{(00)}m_{101}^{(11)}m_{020}^{(20)}m_{002}^{(20)} + 2m_{010}^{(00)}m_{101}^{(11)}(m_{011}^{(20)})^2 \\
&+3m_{010}^{(00)}m_{101}^{(20)}m_{101}^{(21)}m_{011}^{(11)} - 2m_{010}^{(00)}m_{101}^{(20)}m_{020}^{(10)}m_{002}^{(21)} + 2m_{010}^{(00)}m_{101}^{(20)}m_{020}^{(20)}m_{002}^{(11)} \\
&+2m_{010}^{(00)}m_{101}^{(20)}m_{011}^{(10)}m_{011}^{(21)} - 2m_{010}^{(00)}m_{101}^{(20)}m_{011}^{(11)}m_{011}^{(20)} + m_{010}^{(00)}(m_{101}^{(21)})^2m_{011}^{(10)} \\
&+2m_{010}^{(00)}m_{101}^{(21)}m_{020}^{(10)}m_{002}^{(20)} + 2m_{010}^{(00)}m_{101}^{(21)}m_{020}^{(20)}m_{002}^{(10)} - 4m_{010}^{(00)}m_{101}^{(21)}m_{011}^{(10)}m_{011}^{(20)} \\
&-2m_{010}^{(00)}m_{101}^{(22)}m_{020}^{(10)}m_{002}^{(10)} + 2m_{010}^{(00)}m_{101}^{(22)}(m_{011}^{(10)})^2 + m_{010}^{(10)}m_{200}^{(00)}m_{020}^{(21)}m_{002}^{(22)} \\
&-m_{010}^{(10)}m_{200}^{(00)}m_{020}^{(22)}m_{002}^{(21)} - m_{010}^{(10)}m_{200}^{(00)}m_{011}^{(11)}m_{002}^{(22)} + m_{010}^{(10)}m_{200}^{(00)}m_{011}^{(22)}m_{002}^{(11)} \\
&+3m_{010}^{(10)}m_{200}^{(10)}m_{110}^{(21)}m_{002}^{(22)} - 4m_{010}^{(10)}m_{200}^{(10)}m_{110}^{(22)}m_{011}^{(22)} + m_{010}^{(10)}m_{200}^{(10)}m_{110}^{(22)}m_{002}^{(21)} \\
&-3m_{010}^{(10)}m_{200}^{(10)}m_{101}^{(21)}m_{011}^{(22)} + 4m_{010}^{(10)}m_{200}^{(10)}m_{101}^{(22)}m_{020}^{(22)} - m_{010}^{(10)}m_{200}^{(10)}m_{101}^{(22)}m_{011}^{(21)} \\
&-m_{010}^{(10)}m_{200}^{(10)}m_{020}^{(20)}m_{002}^{(22)} - 3m_{010}^{(10)}m_{200}^{(10)}m_{020}^{(22)}m_{002}^{(20)} - 2m_{010}^{(10)}m_{200}^{(10)}m_{011}^{(10)}m_{002}^{(22)} \\
&+4m_{010}^{(10)}m_{200}^{(10)}m_{011}^{(20)}m_{011}^{(22)} + 2m_{010}^{(10)}m_{200}^{(10)}m_{011}^{(22)}m_{002}^{(10)} + m_{010}^{(10)}m_{200}^{(11)}m_{110}^{(20)}m_{002}^{(22)}
\end{aligned}
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\begin{aligned}
&-m_{010}^{(10)} m_{200}^{(11)} m_{110}^{(22)} m_{002}^{(20)} - m_{010}^{(10)} m_{200}^{(11)} m_{101}^{(20)} m_{011}^{(22)} + m_{010}^{(10)} m_{200}^{(11)} m_{101}^{(22)} m_{011}^{(20)} \\
&-m_{010}^{(10)} m_{200}^{(11)} m_{011}^{(00)} m_{002}^{(22)} + m_{010}^{(10)} m_{200}^{(11)} m_{011}^{(22)} m_{002}^{(00)} - m_{010}^{(10)} m_{200}^{(20)} m_{110}^{(11)} m_{002}^{(22)} \\
&-m_{010}^{(10)} m_{200}^{(20)} m_{110}^{(21)} m_{002}^{(21)} + 4m_{010}^{(10)} m_{200}^{(20)} m_{110}^{(22)} m_{011}^{(21)} - 2m_{010}^{(10)} m_{200}^{(20)} m_{110}^{(22)} m_{002}^{(11)} \\
&+m_{010}^{(10)} m_{200}^{(20)} m_{101}^{(11)} m_{011}^{(22)} + m_{010}^{(10)} m_{200}^{(20)} m_{101}^{(21)} m_{011}^{(21)} - 4m_{010}^{(10)} m_{200}^{(20)} m_{101}^{(22)} m_{020}^{(21)} \\
&+2m_{010}^{(10)} m_{200}^{(20)} m_{101}^{(22)} m_{011}^{(11)} + 2m_{010}^{(10)} m_{200}^{(20)} m_{020}^{(10)} m_{002}^{(22)} - m_{010}^{(10)} m_{200}^{(20)} m_{020}^{(20)} m_{002}^{(21)} \\
&+3m_{010}^{(10)} m_{200}^{(20)} m_{020}^{(22)} m_{002}^{(10)} - 5m_{010}^{(10)} m_{200}^{(20)} m_{011}^{(10)} m_{011}^{(22)} + 3m_{010}^{(10)} m_{200}^{(20)} m_{011}^{(10)} m_{002}^{(21)} \\
&+m_{010}^{(10)} m_{200}^{(20)} m_{011}^{(11)} m_{002}^{(20)} + m_{010}^{(10)} m_{200}^{(20)} m_{011}^{(20)} m_{011}^{(21)} - m_{010}^{(10)} m_{200}^{(20)} m_{011}^{(20)} m_{002}^{(11)} \\
&-3m_{010}^{(10)} m_{200}^{(20)} m_{011}^{(21)} m_{002}^{(10)} - 3m_{010}^{(10)} m_{200}^{(21)} m_{110}^{(10)} m_{002}^{(22)} + m_{010}^{(10)} m_{200}^{(21)} m_{110}^{(20)} m_{002}^{(21)} \\
&+4m_{010}^{(10)} m_{200}^{(21)} m_{110}^{(22)} m_{011}^{(20)} - 2m_{010}^{(10)} m_{200}^{(21)} m_{110}^{(22)} m_{002}^{(10)} + 3m_{010}^{(10)} m_{200}^{(21)} m_{101}^{(10)} m_{011}^{(22)} \\
&-m_{010}^{(10)} m_{200}^{(21)} m_{101}^{(20)} m_{011}^{(21)} - 4m_{010}^{(10)} m_{200}^{(21)} m_{101}^{(22)} m_{020}^{(20)} + 2m_{010}^{(10)} m_{200}^{(21)} m_{101}^{(22)} m_{011}^{(10)} \\
&+2m_{010}^{(10)} m_{200}^{(21)} m_{020}^{(00)} m_{002}^{(22)} + m_{010}^{(10)} m_{200}^{(21)} m_{020}^{(20)} m_{002}^{(20)} + m_{010}^{(10)} m_{200}^{(21)} m_{020}^{(22)} m_{002}^{(00)} \\
&-3m_{010}^{(10)} m_{200}^{(21)} m_{011}^{(00)} m_{011}^{(22)} + m_{010}^{(10)} m_{200}^{(21)} m_{011}^{(00)} m_{002}^{(21)} + 3m_{010}^{(10)} m_{200}^{(21)} m_{011}^{(10)} m_{002}^{(20)} \\
&-m_{010}^{(10)} m_{200}^{(21)} (m_{011}^{(20)})^2 - 3m_{010}^{(10)} m_{200}^{(21)} m_{011}^{(20)} m_{002}^{(10)} - m_{010}^{(10)} m_{200}^{(21)} m_{011}^{(21)} m_{002}^{(00)} \\
&+4m_{010}^{(10)} m_{200}^{(22)} m_{110}^{(10)} m_{011}^{(22)} - m_{010}^{(10)} m_{200}^{(22)} m_{110}^{(10)} m_{002}^{(21)} + m_{010}^{(10)} m_{200}^{(22)} m_{110}^{(11)} m_{002}^{(20)} \\
&-4m_{010}^{(10)} m_{200}^{(22)} m_{110}^{(20)} m_{011}^{(21)} + 2m_{010}^{(10)} m_{200}^{(22)} m_{110}^{(20)} m_{002}^{(11)} - 4m_{010}^{(10)} m_{200}^{(22)} m_{110}^{(21)} m_{011}^{(20)} \\
&+2m_{010}^{(10)} m_{200}^{(22)} m_{110}^{(21)} m_{002}^{(10)} - 4m_{010}^{(10)} m_{200}^{(22)} m_{101}^{(10)} m_{020}^{(22)} + m_{010}^{(10)} m_{200}^{(22)} m_{101}^{(10)} m_{011}^{(21)} \\
&-m_{010}^{(10)} m_{200}^{(22)} m_{101}^{(11)} m_{011}^{(20)} + 4m_{010}^{(10)} m_{200}^{(22)} m_{101}^{(20)} m_{020}^{(21)} - 2m_{010}^{(10)} m_{200}^{(22)} m_{101}^{(20)} m_{011}^{(11)} \\
&+4m_{010}^{(10)} m_{200}^{(22)} m_{101}^{(21)} m_{020}^{(20)} - 2m_{010}^{(10)} m_{200}^{(22)} m_{101}^{(21)} m_{011}^{(10)} - 2m_{010}^{(10)} m_{200}^{(22)} m_{020}^{(00)} m_{002}^{(21)} \\
&-2m_{010}^{(10)} m_{200}^{(22)} m_{020}^{(10)} m_{002}^{(20)} + m_{010}^{(10)} m_{200}^{(22)} m_{020}^{(20)} m_{002}^{(10)} - m_{010}^{(10)} m_{200}^{(22)} m_{020}^{(21)} m_{002}^{(00)} \\
&+3m_{010}^{(10)} m_{200}^{(22)} m_{011}^{(00)} m_{011}^{(21)} + m_{010}^{(10)} m_{200}^{(22)} m_{011}^{(10)} m_{011}^{(20)} - 3m_{010}^{(10)} m_{110}^{(00)} m_{110}^{(21)} m_{002}^{(22)} \\
&+3m_{010}^{(10)} m_{110}^{(00)} m_{110}^{(22)} m_{002}^{(21)} + m_{010}^{(10)} m_{110}^{(00)} m_{101}^{(11)} m_{002}^{(22)} + m_{010}^{(10)} m_{110}^{(00)} m_{101}^{(21)} m_{011}^{(22)} \\
&-m_{010}^{(10)} m_{110}^{(00)} m_{101}^{(22)} m_{011}^{(21)} - m_{010}^{(10)} m_{110}^{(00)} m_{101}^{(22)} m_{002}^{(11)} + 2m_{010}^{(10)} m_{110}^{(00)} m_{011}^{(10)} m_{002}^{(22)} \\
&-2m_{010}^{(10)} m_{110}^{(00)} m_{011}^{(20)} m_{002}^{(21)} + 2m_{010}^{(10)} m_{110}^{(00)} m_{011}^{(21)} m_{002}^{(20)} - 2m_{010}^{(10)} m_{110}^{(00)} m_{011}^{(22)} m_{002}^{(10)} \\
&-m_{010}^{(10)} m_{110}^{(10)} m_{110}^{(20)} m_{002}^{(22)} - 4m_{010}^{(10)} m_{110}^{(10)} m_{110}^{(22)} m_{101}^{(22)} + 5m_{010}^{(10)} m_{110}^{(10)} m_{110}^{(22)} m_{002}^{(20)} \\
&+2m_{010}^{(10)} m_{110}^{(10)} m_{101}^{(10)} m_{002}^{(22)} - m_{010}^{(10)} m_{110}^{(10)} m_{101}^{(20)} m_{011}^{(22)} + 4m_{010}^{(10)} m_{110}^{(10)} m_{101}^{(21)} m_{101}^{(22)} \\
&-3m_{010}^{(10)} m_{110}^{(10)} m_{101}^{(22)} m_{011}^{(20)} - 2m_{010}^{(10)} m_{110}^{(10)} m_{101}^{(22)} m_{002}^{(10)} + 2m_{010}^{(10)} m_{110}^{(10)} m_{011}^{(00)} m_{002}^{(22)} \\
&-2m_{010}^{(10)} m_{110}^{(10)} m_{011}^{(22)} m_{002}^{(00)} + m_{010}^{(10)} m_{110}^{(11)} m_{101}^{(00)} m_{002}^{(22)} - m_{010}^{(10)} m_{110}^{(11)} m_{101}^{(22)} m_{002}^{(00)} \\
&+m_{010}^{(10)} (m_{110}^{(20)})^2 m_{002}^{(21)} + 8m_{010}^{(10)} m_{110}^{(20)} m_{110}^{(21)} m_{101}^{(22)} - m_{010}^{(10)} m_{110}^{(20)} m_{110}^{(21)} m_{002}^{(20)} \\
&-4m_{010}^{(10)} m_{110}^{(20)} m_{110}^{(22)} m_{101}^{(21)} - 4m_{010}^{(10)} m_{110}^{(20)} m_{110}^{(22)} m_{002}^{(10)} + 2m_{010}^{(10)} m_{110}^{(20)} m_{101}^{(10)} m_{011}^{(22)} \\
&-3m_{010}^{(10)} m_{110}^{(20)} m_{101}^{(10)} m_{002}^{(21)} - 3m_{010}^{(10)} m_{110}^{(20)} m_{101}^{(11)} m_{101}^{(22)} - m_{010}^{(10)} m_{110}^{(20)} m_{101}^{(11)} m_{002}^{(20)} \\
&-m_{010}^{(10)} m_{110}^{(20)} m_{101}^{(20)} m_{011}^{(21)} + m_{010}^{(10)} m_{110}^{(20)} m_{101}^{(20)} m_{002}^{(11)} - m_{010}^{(10)} m_{110}^{(20)} (m_{101}^{(21)})^2 \\
&+3m_{010}^{(10)} m_{110}^{(20)} m_{101}^{(21)} m_{002}^{(10)} + 3m_{010}^{(10)} m_{110}^{(20)} m_{101}^{(22)} m_{011}^{(10)} - 2m_{010}^{(10)} m_{110}^{(20)} m_{011}^{(00)} m_{002}^{(21)} \\
&-6m_{010}^{(10)} m_{110}^{(20)} m_{011}^{(10)} m_{002}^{(20)} + 6m_{010}^{(10)} m_{110}^{(20)} m_{011}^{(20)} m_{002}^{(10)} + 2m_{010}^{(10)} m_{110}^{(20)} m_{011}^{(21)} m_{002}^{(00)} \\
&-4m_{010}^{(10)} m_{110}^{(21)} m_{110}^{(22)} m_{101}^{(20)} + 2m_{010}^{(10)} m_{110}^{(21)} m_{101}^{(00)} m_{011}^{(22)} - m_{010}^{(10)} m_{110}^{(21)} m_{101}^{(00)} m_{002}^{(21)} \\
&-5m_{010}^{(10)} m_{110}^{(21)} m_{101}^{(10)} m_{101}^{(22)} - 3m_{010}^{(10)} m_{110}^{(21)} m_{101}^{(10)} m_{002}^{(20)} + m_{010}^{(10)} m_{110}^{(21)} m_{101}^{(20)} m_{101}^{(21)} \\
&+m_{010}^{(10)} m_{110}^{(21)} m_{101}^{(20)} m_{011}^{(20)} + 3m_{010}^{(10)} m_{110}^{(21)} m_{101}^{(20)} m_{002}^{(10)} + m_{010}^{(10)} m_{110}^{(21)} m_{101}^{(21)} m_{002}^{(00)} \\
&+m_{010}^{(10)} m_{110}^{(21)} m_{101}^{(22)} m_{011}^{(00)} + 4m_{010}^{(10)} (m_{110}^{(22)})^2 m_{101}^{(10)} - 2m_{010}^{(10)} m_{110}^{(22)} m_{101}^{(00)} m_{011}^{(21)} \\
&+m_{010}^{(10)} m_{110}^{(22)} m_{101}^{(10)} m_{101}^{(21)} - 2m_{010}^{(10)} m_{110}^{(22)} m_{101}^{(10)} m_{011}^{(20)} + 3m_{010}^{(10)} m_{110}^{(22)} m_{101}^{(11)} m_{101}^{(20)}
\end{aligned}
$$

$$+m_{010}^{(10)}m_{110}^{(22)}m_{101}^{(20)}m_{011}^{(10)} - m_{010}^{(10)}m_{110}^{(22)}m_{101}^{(21)}m_{011}^{(00)} - 2m_{010}^{(10)}m_{101}^{(00)}m_{101}^{(11)}m_{011}^{(22)}$$
$$+m_{010}^{(10)}m_{101}^{(00)}m_{101}^{(21)}m_{011}^{(21)} + m_{010}^{(10)}m_{101}^{(00)}m_{101}^{(22)}m_{011}^{(11)} - 2m_{010}^{(10)}m_{101}^{(00)}m_{101}^{(10)}m_{020}^{(22)}$$
$$+2m_{010}^{(10)}m_{101}^{(00)}m_{020}^{(20)}m_{002}^{(21)} + 2m_{010}^{(10)}m_{101}^{(00)}m_{011}^{(10)}m_{011}^{(22)} - 2m_{010}^{(10)}m_{101}^{(00)}m_{011}^{(20)}m_{011}^{(21)}$$
$$-2m_{010}^{(10)}(m_{101}^{(10)})^2m_{011}^{(22)} + 3m_{010}^{(10)}m_{101}^{(10)}m_{101}^{(20)}m_{011}^{(21)} + 3m_{010}^{(10)}m_{101}^{(10)}m_{101}^{(21)}m_{011}^{(20)}$$
$$+2m_{010}^{(10)}m_{101}^{(10)}m_{101}^{(22)}m_{011}^{(10)} - 2m_{010}^{(10)}m_{101}^{(10)}m_{020}^{(00)}m_{002}^{(22)} + 6m_{010}^{(10)}m_{101}^{(10)}m_{020}^{(20)}m_{002}^{(20)}$$
$$+2m_{010}^{(10)}m_{101}^{(10)}m_{011}^{(00)}m_{011}^{(22)} - 6m_{010}^{(10)}m_{101}^{(10)}(m_{011}^{(20)})^2 + m_{010}^{(10)}m_{101}^{(11)}m_{101}^{(20)}m_{011}^{(20)}$$
$$+m_{010}^{(10)}m_{101}^{(11)}m_{101}^{(22)}m_{011}^{(00)} - m_{010}^{(10)}(m_{101}^{(20)})^2m_{011}^{(11)} - 6m_{010}^{(10)}m_{101}^{(20)}m_{101}^{(21)}m_{011}^{(10)}$$
$$+2m_{010}^{(10)}m_{101}^{(20)}m_{020}^{(00)}m_{002}^{(21)} - 6m_{010}^{(10)}m_{101}^{(20)}m_{020}^{(20)}m_{002}^{(10)} - 2m_{010}^{(10)}m_{101}^{(20)}m_{011}^{(00)}m_{011}^{(21)}$$
$$+6m_{010}^{(10)}m_{101}^{(20)}m_{011}^{(10)}m_{011}^{(20)} - m_{010}^{(10)}(m_{101}^{(21)})^2m_{011}^{(00)} - 2m_{010}^{(10)}m_{101}^{(21)}m_{020}^{(00)}m_{002}^{(20)}$$
$$-2m_{010}^{(10)}m_{101}^{(21)}m_{020}^{(20)}m_{002}^{(00)} + 4m_{010}^{(10)}m_{101}^{(21)}m_{011}^{(00)}m_{011}^{(20)} + 2m_{010}^{(10)}m_{101}^{(22)}m_{020}^{(00)}m_{002}^{(10)}$$
$$+2m_{010}^{(10)}m_{101}^{(22)}m_{020}^{(10)}m_{002}^{(00)} - 4m_{010}^{(10)}m_{101}^{(22)}m_{011}^{(00)}m_{011}^{(10)} - m_{010}^{(11)}m_{200}^{(00)}m_{110}^{(21)}m_{002}^{(22)}$$
$$+2m_{010}^{(11)}m_{200}^{(00)}m_{110}^{(22)}m_{011}^{(22)} - m_{010}^{(11)}m_{200}^{(00)}m_{110}^{(22)}m_{002}^{(21)} + m_{010}^{(11)}m_{200}^{(00)}m_{101}^{(21)}m_{011}^{(22)}$$
$$-2m_{010}^{(11)}m_{200}^{(00)}m_{101}^{(22)}m_{020}^{(22)} + m_{010}^{(11)}m_{200}^{(00)}m_{101}^{(22)}m_{011}^{(21)} + 2m_{010}^{(11)}m_{200}^{(00)}m_{020}^{(22)}m_{002}^{(20)}$$
$$+m_{010}^{(11)}m_{200}^{(00)}m_{011}^{(10)}m_{002}^{(22)} - 2m_{010}^{(11)}m_{200}^{(00)}m_{011}^{(20)}m_{011}^{(22)} + m_{010}^{(11)}m_{200}^{(00)}m_{011}^{(20)}m_{002}^{(21)}$$
$$-m_{010}^{(11)}m_{200}^{(00)}m_{011}^{(21)}m_{002}^{(20)} - m_{010}^{(11)}m_{200}^{(00)}m_{011}^{(22)}m_{002}^{(10)} - m_{010}^{(11)}m_{200}^{(10)}m_{110}^{(20)}m_{002}^{(22)}$$
$$+m_{010}^{(11)}m_{200}^{(10)}m_{110}^{(22)}m_{002}^{(20)} + m_{010}^{(11)}m_{200}^{(10)}m_{101}^{(20)}m_{011}^{(22)} - m_{010}^{(11)}m_{200}^{(10)}m_{101}^{(22)}m_{011}^{(20)}$$
$$+m_{010}^{(11)}m_{200}^{(10)}m_{011}^{(00)}m_{002}^{(22)} - m_{010}^{(11)}m_{200}^{(10)}m_{011}^{(22)}m_{002}^{(00)} + m_{010}^{(11)}m_{200}^{(20)}m_{110}^{(10)}m_{002}^{(22)}$$
$$+m_{010}^{(11)}m_{200}^{(20)}m_{110}^{(21)}m_{002}^{(20)} - 4m_{010}^{(11)}m_{200}^{(20)}m_{110}^{(22)}m_{011}^{(20)} + 2m_{010}^{(11)}m_{200}^{(20)}m_{110}^{(22)}m_{002}^{(10)}$$
$$-m_{010}^{(11)}m_{200}^{(20)}m_{101}^{(10)}m_{011}^{(22)} - m_{010}^{(11)}m_{200}^{(20)}m_{101}^{(21)}m_{011}^{(20)} + 4m_{010}^{(11)}m_{200}^{(20)}m_{101}^{(22)}m_{020}^{(20)}$$
$$-2m_{010}^{(11)}m_{200}^{(20)}m_{101}^{(22)}m_{011}^{(10)} - 2m_{010}^{(11)}m_{200}^{(20)}m_{020}^{(00)}m_{002}^{(22)} - 2m_{010}^{(11)}m_{200}^{(20)}m_{020}^{(22)}m_{002}^{(00)}$$
$$+4m_{010}^{(11)}m_{200}^{(20)}m_{011}^{(00)}m_{011}^{(22)} - m_{010}^{(11)}m_{200}^{(20)}m_{011}^{(00)}m_{002}^{(21)} - m_{010}^{(11)}m_{200}^{(20)}m_{011}^{(10)}m_{002}^{(20)}$$
$$+m_{010}^{(11)}m_{200}^{(20)}m_{011}^{(20)}m_{002}^{(10)} + m_{010}^{(11)}m_{200}^{(20)}m_{011}^{(21)}m_{002}^{(00)} + m_{010}^{(11)}m_{200}^{(21)}m_{110}^{(00)}m_{002}^{(22)}$$
$$-m_{010}^{(11)}m_{200}^{(21)}m_{110}^{(20)}m_{002}^{(20)} - m_{010}^{(11)}m_{200}^{(21)}m_{101}^{(00)}m_{011}^{(22)} + m_{010}^{(11)}m_{200}^{(21)}m_{101}^{(20)}m_{011}^{(20)}$$
$$-2m_{010}^{(11)}m_{200}^{(21)}m_{011}^{(00)}m_{002}^{(20)} + 2m_{010}^{(11)}m_{200}^{(21)}m_{011}^{(20)}m_{002}^{(00)} - 2m_{010}^{(11)}m_{200}^{(22)}m_{110}^{(00)}m_{011}^{(22)}$$
$$+m_{010}^{(11)}m_{200}^{(22)}m_{110}^{(00)}m_{002}^{(21)} - m_{010}^{(11)}m_{200}^{(22)}m_{110}^{(10)}m_{002}^{(20)} + 4m_{010}^{(11)}m_{200}^{(22)}m_{110}^{(20)}m_{011}^{(20)}$$
$$-2m_{010}^{(11)}m_{200}^{(22)}m_{110}^{(20)}m_{002}^{(10)} + 2m_{010}^{(11)}m_{200}^{(22)}m_{101}^{(00)}m_{020}^{(22)} - m_{010}^{(11)}m_{200}^{(22)}m_{101}^{(00)}m_{011}^{(21)}$$
$$+m_{010}^{(11)}m_{200}^{(22)}m_{101}^{(10)}m_{011}^{(20)} - 4m_{010}^{(11)}m_{200}^{(22)}m_{101}^{(20)}m_{020}^{(20)} + 2m_{010}^{(11)}m_{200}^{(22)}m_{101}^{(20)}m_{011}^{(10)}$$
$$+2m_{010}^{(11)}m_{200}^{(22)}m_{020}^{(00)}m_{002}^{(20)} - 2m_{010}^{(11)}m_{200}^{(22)}m_{011}^{(00)}m_{011}^{(20)} + 2m_{010}^{(11)}m_{110}^{(00)}m_{110}^{(22)}m_{002}^{(20)}$$
$$+2m_{010}^{(11)}m_{110}^{(00)}m_{110}^{(22)}m_{101}^{(22)} - 4m_{010}^{(11)}m_{110}^{(00)}m_{110}^{(22)}m_{002}^{(20)} - m_{010}^{(11)}m_{110}^{(00)}m_{101}^{(10)}m_{101}^{(22)}$$
$$-m_{010}^{(11)}m_{110}^{(00)}m_{101}^{(20)}m_{002}^{(21)} - 2m_{010}^{(11)}m_{110}^{(00)}m_{101}^{(21)}m_{101}^{(22)} + m_{010}^{(11)}m_{110}^{(00)}m_{101}^{(21)}m_{002}^{(20)}$$
$$+2m_{010}^{(11)}m_{110}^{(00)}m_{101}^{(22)}m_{011}^{(20)} + m_{010}^{(11)}m_{110}^{(00)}m_{101}^{(22)}m_{002}^{(10)} - 2m_{010}^{(11)}m_{110}^{(00)}m_{011}^{(00)}m_{002}^{(22)}$$
$$+2m_{010}^{(11)}m_{110}^{(00)}m_{011}^{(22)}m_{002}^{(00)} - m_{010}^{(11)}m_{110}^{(10)}m_{101}^{(00)}m_{002}^{(22)} + m_{010}^{(11)}m_{110}^{(10)}m_{101}^{(22)}m_{002}^{(00)}$$
$$-4m_{010}^{(11)}(m_{110}^{(20)})^2m_{101}^{(22)} + 4m_{010}^{(11)}m_{110}^{(20)}m_{110}^{(22)}m_{101}^{(20)} + 2m_{010}^{(11)}m_{110}^{(20)}m_{110}^{(22)}m_{002}^{(00)}$$
$$-2m_{010}^{(11)}m_{110}^{(20)}m_{101}^{(00)}m_{011}^{(22)} + m_{010}^{(11)}m_{110}^{(20)}m_{101}^{(00)}m_{002}^{(21)} + 3m_{010}^{(11)}m_{110}^{(20)}m_{101}^{(10)}m_{101}^{(22)}$$
$$+m_{010}^{(11)}m_{110}^{(20)}m_{101}^{(10)}m_{002}^{(20)} + m_{010}^{(11)}m_{110}^{(20)}m_{101}^{(20)}m_{101}^{(21)} - m_{010}^{(11)}m_{110}^{(20)}m_{101}^{(20)}m_{002}^{(10)}$$
$$-m_{010}^{(11)}m_{110}^{(20)}m_{101}^{(21)}m_{002}^{(00)} - 2m_{010}^{(11)}m_{110}^{(20)}m_{101}^{(22)}m_{011}^{(00)} + 4m_{010}^{(11)}m_{110}^{(20)}m_{011}^{(00)}m_{002}^{(20)}$$
$$-4m_{010}^{(11)}m_{110}^{(20)}m_{011}^{(20)}m_{002}^{(00)} + m_{010}^{(11)}m_{110}^{(21)}m_{101}^{(00)}m_{101}^{(22)} + 2m_{010}^{(11)}m_{110}^{(21)}m_{101}^{(00)}m_{002}^{(20)}$$
$$-m_{010}^{(11)}m_{110}^{(21)}(m_{101}^{(20)})^2 - 2m_{010}^{(11)}m_{110}^{(21)}m_{101}^{(20)}m_{002}^{(00)} - 2m_{010}^{(11)}(m_{110}^{(22)})^2m_{101}^{(00)}$$

$$+m_{010}^{(11)}m_{110}^{(22)}m_{101}^{(00)}m_{101}^{(21)}+2m_{010}^{(11)}m_{110}^{(22)}m_{101}^{(00)}m_{011}^{(20)}-3m_{010}^{(11)}m_{110}^{(22)}m_{101}^{(10)}m_{101}^{(20)}$$
$$+2m_{010}^{(11)}m_{101}^{(00)}m_{101}^{(10)}m_{011}^{(22)}-3m_{010}^{(11)}m_{101}^{(00)}m_{101}^{(21)}m_{011}^{(20)}-m_{010}^{(11)}m_{101}^{(00)}m_{101}^{(22)}m_{011}^{(10)}$$
$$+2m_{010}^{(11)}m_{101}^{(00)}m_{020}^{(00)}m_{002}^{(22)}-4m_{010}^{(11)}m_{101}^{(00)}m_{020}^{(20)}m_{002}^{(20)}-2m_{010}^{(11)}m_{101}^{(00)}m_{011}^{(00)}m_{011}^{(22)}$$
$$+4m_{010}^{(11)}m_{101}^{(00)}(m_{011}^{(20)})^2-m_{010}^{(11)}m_{101}^{(10)}m_{101}^{(20)}m_{011}^{(20)}-m_{010}^{(11)}m_{101}^{(10)}m_{101}^{(22)}m_{011}^{(00)}$$
$$+m_{010}^{(11)}(m_{101}^{(20)})^2m_{011}^{(10)}+3m_{010}^{(11)}m_{101}^{(20)}m_{101}^{(21)}m_{011}^{(00)}+4m_{010}^{(11)}m_{101}^{(20)}m_{020}^{(20)}m_{002}^{(00)}$$
$$-4m_{010}^{(11)}m_{101}^{(20)}m_{011}^{(00)}m_{011}^{(20)}-2m_{010}^{(11)}m_{101}^{(22)}m_{020}^{(00)}m_{002}^{(00)}+2m_{010}^{(11)}m_{101}^{(22)}(m_{011}^{(00)})^2$$
$$-m_{010}^{(20)}m_{200}^{(00)}m_{020}^{(21)}m_{002}^{(21)}+m_{010}^{(20)}m_{200}^{(00)}m_{020}^{(22)}m_{002}^{(11)}-m_{010}^{(20)}m_{200}^{(00)}m_{011}^{(11)}m_{011}^{(22)}$$
$$+2m_{010}^{(20)}m_{200}^{(00)}m_{011}^{(11)}m_{002}^{(21)}+m_{010}^{(20)}m_{200}^{(00)}(m_{011}^{(21)})^2-2m_{010}^{(20)}m_{200}^{(00)}m_{011}^{(21)}m_{002}^{(11)}$$
$$-2m_{010}^{(20)}m_{200}^{(10)}m_{110}^{(11)}m_{002}^{(22)}+2m_{010}^{(20)}m_{200}^{(10)}m_{110}^{(21)}m_{011}^{(22)}-m_{010}^{(20)}m_{200}^{(10)}m_{110}^{(21)}m_{002}^{(21)}$$
$$+2m_{010}^{(20)}m_{200}^{(10)}m_{110}^{(22)}m_{011}^{(21)}-m_{010}^{(20)}m_{200}^{(10)}m_{110}^{(22)}m_{002}^{(11)}+2m_{010}^{(20)}m_{200}^{(10)}m_{101}^{(11)}m_{011}^{(22)}$$
$$-2m_{010}^{(20)}m_{200}^{(10)}m_{101}^{(21)}m_{020}^{(22)}+m_{010}^{(20)}m_{200}^{(10)}m_{101}^{(21)}m_{011}^{(21)}-2m_{010}^{(20)}m_{200}^{(10)}m_{101}^{(22)}m_{020}^{(21)}$$
$$+m_{010}^{(20)}m_{200}^{(10)}m_{101}^{(22)}m_{011}^{(11)}+m_{010}^{(20)}m_{200}^{(10)}m_{020}^{(10)}m_{002}^{(22)}+3m_{010}^{(20)}m_{200}^{(10)}m_{020}^{(21)}m_{002}^{(20)}$$
$$-m_{010}^{(20)}m_{200}^{(10)}m_{011}^{(10)}m_{011}^{(22)}+m_{010}^{(20)}m_{200}^{(10)}m_{011}^{(10)}m_{002}^{(21)}-m_{010}^{(20)}m_{200}^{(10)}m_{011}^{(11)}m_{002}^{(20)}$$
$$-3m_{010}^{(20)}m_{200}^{(10)}m_{011}^{(20)}m_{011}^{(21)}+m_{010}^{(20)}m_{200}^{(10)}m_{011}^{(20)}m_{002}^{(11)}-m_{010}^{(20)}m_{200}^{(10)}m_{011}^{(21)}m_{002}^{(10)}$$
$$+2m_{010}^{(20)}m_{200}^{(11)}m_{110}^{(10)}m_{002}^{(22)}-2m_{010}^{(20)}m_{200}^{(11)}m_{110}^{(20)}m_{011}^{(22)}-m_{010}^{(20)}m_{200}^{(11)}m_{110}^{(20)}m_{002}^{(21)}$$
$$+2m_{010}^{(20)}m_{200}^{(11)}m_{110}^{(21)}m_{002}^{(20)}-2m_{010}^{(20)}m_{200}^{(11)}m_{110}^{(22)}m_{011}^{(20)}+m_{010}^{(20)}m_{200}^{(11)}m_{110}^{(22)}m_{002}^{(10)}$$
$$-2m_{010}^{(20)}m_{200}^{(11)}m_{101}^{(10)}m_{011}^{(22)}+2m_{010}^{(20)}m_{200}^{(11)}m_{101}^{(20)}m_{020}^{(22)}+m_{010}^{(20)}m_{200}^{(11)}m_{101}^{(20)}m_{011}^{(21)}$$
$$-2m_{010}^{(20)}m_{200}^{(11)}m_{101}^{(21)}m_{011}^{(20)}+2m_{010}^{(20)}m_{200}^{(11)}m_{101}^{(22)}m_{020}^{(20)}-m_{010}^{(20)}m_{200}^{(11)}m_{101}^{(22)}m_{011}^{(10)}$$
$$-m_{010}^{(20)}m_{200}^{(11)}m_{020}^{(00)}m_{002}^{(22)}-2m_{010}^{(20)}m_{200}^{(11)}m_{020}^{(20)}m_{002}^{(20)}-m_{010}^{(20)}m_{200}^{(11)}m_{020}^{(22)}m_{002}^{(00)}$$
$$+2m_{010}^{(20)}m_{200}^{(11)}m_{011}^{(00)}m_{011}^{(22)}+m_{010}^{(20)}m_{200}^{(11)}m_{011}^{(00)}m_{002}^{(21)}-3m_{010}^{(20)}m_{200}^{(11)}m_{011}^{(10)}m_{002}^{(20)}$$
$$+2m_{010}^{(20)}m_{200}^{(11)}(m_{011}^{(20)})^2+3m_{010}^{(20)}m_{200}^{(11)}m_{011}^{(20)}m_{002}^{(10)}-m_{010}^{(20)}m_{200}^{(11)}m_{011}^{(21)}m_{002}^{(00)}$$
$$+2m_{010}^{(20)}m_{200}^{(20)}m_{110}^{(11)}m_{011}^{(22)}+m_{010}^{(20)}m_{200}^{(20)}m_{110}^{(11)}m_{002}^{(21)}-6m_{010}^{(20)}m_{200}^{(20)}m_{110}^{(21)}m_{011}^{(21)}$$
$$+3m_{010}^{(20)}m_{200}^{(20)}m_{110}^{(21)}m_{002}^{(11)}-2m_{010}^{(20)}m_{200}^{(20)}m_{101}^{(11)}m_{020}^{(22)}-m_{010}^{(20)}m_{200}^{(20)}m_{101}^{(11)}m_{011}^{(21)}$$
$$+6m_{010}^{(20)}m_{200}^{(20)}m_{101}^{(21)}m_{020}^{(21)}-3m_{010}^{(20)}m_{200}^{(20)}m_{101}^{(21)}m_{011}^{(11)}-3m_{010}^{(20)}m_{200}^{(20)}m_{020}^{(10)}m_{002}^{(21)}$$
$$+2m_{010}^{(20)}m_{200}^{(20)}m_{020}^{(20)}m_{002}^{(11)}-3m_{010}^{(20)}m_{200}^{(20)}m_{020}^{(21)}m_{002}^{(10)}+6m_{010}^{(20)}m_{200}^{(20)}m_{011}^{(10)}m_{011}^{(21)}$$
$$-2m_{010}^{(20)}m_{200}^{(20)}m_{011}^{(10)}m_{002}^{(11)}-2m_{010}^{(20)}m_{200}^{(20)}m_{011}^{(11)}m_{011}^{(20)}+2m_{010}^{(20)}m_{200}^{(20)}m_{011}^{(11)}m_{002}^{(10)}$$
$$-2m_{010}^{(20)}m_{200}^{(21)}m_{110}^{(10)}m_{011}^{(22)}+m_{010}^{(20)}m_{200}^{(21)}m_{110}^{(10)}m_{002}^{(21)}-2m_{010}^{(20)}m_{200}^{(21)}m_{110}^{(11)}m_{002}^{(20)}$$
$$+6m_{010}^{(20)}m_{200}^{(21)}m_{110}^{(20)}m_{011}^{(21)}-3m_{010}^{(20)}m_{200}^{(21)}m_{110}^{(20)}m_{002}^{(11)}+2m_{010}^{(20)}m_{200}^{(21)}m_{101}^{(10)}m_{020}^{(22)}$$
$$-m_{010}^{(20)}m_{200}^{(21)}m_{101}^{(10)}m_{011}^{(21)}+2m_{010}^{(20)}m_{200}^{(21)}m_{101}^{(11)}m_{011}^{(20)}-6m_{010}^{(20)}m_{200}^{(21)}m_{101}^{(20)}m_{020}^{(21)}$$
$$+3m_{010}^{(20)}m_{200}^{(21)}m_{101}^{(20)}m_{011}^{(11)}+3m_{010}^{(20)}m_{200}^{(21)}m_{020}^{(10)}m_{002}^{(20)}+m_{010}^{(20)}m_{200}^{(21)}m_{020}^{(21)}m_{002}^{(00)}$$
$$-m_{010}^{(20)}m_{200}^{(21)}m_{011}^{(00)}m_{011}^{(21)}-m_{010}^{(20)}m_{200}^{(21)}m_{011}^{(00)}m_{002}^{(11)}-3m_{010}^{(20)}m_{200}^{(21)}m_{011}^{(10)}m_{011}^{(20)}$$
$$+m_{010}^{(20)}m_{200}^{(21)}m_{011}^{(11)}m_{002}^{(00)}-2m_{010}^{(20)}m_{200}^{(22)}m_{110}^{(10)}m_{011}^{(21)}+m_{010}^{(20)}m_{200}^{(22)}m_{110}^{(10)}m_{002}^{(11)}$$
$$+2m_{010}^{(20)}m_{200}^{(22)}m_{110}^{(11)}m_{011}^{(20)}-m_{010}^{(20)}m_{200}^{(22)}m_{110}^{(11)}m_{002}^{(10)}+2m_{010}^{(20)}m_{200}^{(22)}m_{101}^{(10)}m_{020}^{(21)}$$
$$-m_{010}^{(20)}m_{200}^{(22)}m_{101}^{(10)}m_{011}^{(11)}-2m_{010}^{(20)}m_{200}^{(22)}m_{101}^{(11)}m_{020}^{(20)}+m_{010}^{(20)}m_{200}^{(22)}m_{101}^{(11)}m_{011}^{(10)}$$
$$+m_{010}^{(20)}m_{200}^{(22)}m_{020}^{(00)}m_{002}^{(11)}-m_{010}^{(20)}m_{200}^{(22)}m_{020}^{(10)}m_{002}^{(10)}-m_{010}^{(20)}m_{200}^{(22)}m_{011}^{(00)}m_{011}^{(11)}$$
$$+m_{010}^{(20)}m_{200}^{(22)}(m_{011}^{(10)})^2+m_{010}^{(20)}m_{110}^{(00)}m_{110}^{(11)}m_{002}^{(22)}+m_{010}^{(20)}m_{110}^{(00)}m_{110}^{(22)}m_{002}^{(21)}$$
$$-2m_{010}^{(20)}m_{110}^{(00)}m_{110}^{(22)}m_{002}^{(11)}-2m_{010}^{(20)}m_{110}^{(00)}m_{101}^{(11)}m_{002}^{(21)}-m_{010}^{(20)}m_{110}^{(00)}m_{101}^{(21)}m_{011}^{(21)}$$
$$+2m_{010}^{(20)}m_{110}^{(00)}m_{101}^{(21)}m_{002}^{(11)}+m_{010}^{(20)}m_{110}^{(00)}m_{101}^{(22)}m_{011}^{(11)}-2m_{010}^{(20)}m_{110}^{(00)}m_{101}^{(10)}m_{011}^{(21)}m_{002}^{(21)}$$

$$
\begin{aligned}
&-2m_{010}^{(20)}m_{110}^{(00)}m_{011}^{(11)}m_{002}^{(20)}+2m_{010}^{(20)}m_{110}^{(00)}m_{011}^{(20)}m_{002}^{(11)}+2m_{010}^{(20)}m_{110}^{(00)}m_{011}^{(21)}m_{002}^{(10)}\\
&-m_{010}^{(20)}(m_{110}^{(10)})^2m_{002}^{(22)}+3m_{010}^{(20)}m_{110}^{(10)}m_{110}^{(20)}m_{002}^{(21)}+2m_{010}^{(20)}m_{110}^{(10)}m_{110}^{(21)}m_{101}^{(22)}\\
&-6m_{010}^{(20)}m_{110}^{(10)}m_{110}^{(21)}m_{002}^{(20)}+2m_{010}^{(20)}m_{110}^{(10)}m_{110}^{(22)}m_{101}^{(21)}+m_{010}^{(20)}m_{110}^{(10)}m_{110}^{(22)}m_{002}^{(10)}\\
&+m_{010}^{(20)}m_{110}^{(10)}m_{101}^{(10)}m_{011}^{(22)}-m_{010}^{(20)}m_{110}^{(10)}m_{101}^{(10)}m_{002}^{(21)}-3m_{010}^{(20)}m_{110}^{(10)}m_{101}^{(11)}m_{101}^{(22)}\\
&+m_{010}^{(20)}m_{110}^{(10)}m_{101}^{(11)}m_{002}^{(20)}-m_{010}^{(20)}m_{110}^{(10)}m_{101}^{(20)}m_{002}^{(11)}-m_{010}^{(20)}m_{110}^{(10)}(m_{101}^{(21)})^2\\
&+3m_{010}^{(20)}m_{110}^{(10)}m_{101}^{(21)}m_{011}^{(20)}+m_{010}^{(20)}m_{110}^{(10)}m_{101}^{(21)}m_{002}^{(10)}-2m_{010}^{(20)}m_{110}^{(10)}m_{011}^{(00)}m_{002}^{(21)}\\
&+6m_{010}^{(20)}m_{110}^{(10)}m_{011}^{(10)}m_{002}^{(20)}-6m_{010}^{(20)}m_{110}^{(10)}m_{011}^{(20)}m_{002}^{(10)}+2m_{010}^{(20)}m_{110}^{(10)}m_{011}^{(21)}m_{002}^{(00)}\\
&-2m_{010}^{(20)}m_{110}^{(11)}m_{110}^{(20)}m_{101}^{(22)}+2m_{010}^{(20)}m_{110}^{(11)}m_{110}^{(20)}m_{002}^{(20)}-2m_{010}^{(20)}m_{110}^{(11)}m_{110}^{(22)}m_{101}^{(20)}\\
&+m_{010}^{(20)}m_{110}^{(11)}m_{110}^{(22)}m_{002}^{(00)}-m_{010}^{(20)}m_{110}^{(11)}m_{101}^{(00)}m_{011}^{(22)}-m_{010}^{(20)}m_{110}^{(11)}m_{101}^{(00)}m_{002}^{(21)}\\
&+3m_{010}^{(20)}m_{110}^{(11)}m_{101}^{(10)}m_{101}^{(22)}+3m_{010}^{(20)}m_{110}^{(11)}m_{101}^{(10)}m_{002}^{(20)}+m_{010}^{(20)}m_{110}^{(11)}m_{101}^{(20)}m_{101}^{(21)}\\
&-2m_{010}^{(20)}m_{110}^{(11)}m_{101}^{(20)}m_{011}^{(20)}-3m_{010}^{(20)}m_{110}^{(11)}m_{101}^{(20)}m_{002}^{(10)}+m_{010}^{(20)}m_{110}^{(11)}m_{101}^{(21)}m_{002}^{(00)}\\
&-m_{010}^{(20)}m_{110}^{(11)}m_{101}^{(22)}m_{011}^{(00)}-2m_{010}^{(20)}(m_{110}^{(20)})^2m_{002}^{(11)}-6m_{010}^{(20)}m_{110}^{(20)}m_{110}^{(21)}m_{101}^{(21)}\\
&+3m_{010}^{(20)}m_{110}^{(20)}m_{110}^{(21)}m_{002}^{(10)}+4m_{010}^{(20)}m_{110}^{(20)}m_{110}^{(22)}m_{101}^{(11)}-3m_{010}^{(20)}m_{110}^{(20)}m_{101}^{(10)}m_{011}^{(21)}\\
&+2m_{010}^{(20)}m_{110}^{(20)}m_{101}^{(10)}m_{002}^{(11)}+4m_{010}^{(20)}m_{110}^{(20)}m_{101}^{(11)}m_{101}^{(21)}-2m_{010}^{(20)}m_{110}^{(20)}m_{101}^{(11)}m_{002}^{(10)}\\
&+2m_{010}^{(20)}m_{110}^{(20)}m_{101}^{(20)}m_{011}^{(11)}-3m_{010}^{(20)}m_{110}^{(20)}m_{101}^{(21)}m_{011}^{(10)}+2m_{010}^{(20)}m_{110}^{(20)}m_{011}^{(00)}m_{002}^{(11)}\\
&-2m_{010}^{(20)}m_{110}^{(20)}m_{011}^{(11)}m_{002}^{(00)}+6m_{010}^{(20)}(m_{110}^{(21)})^2m_{101}^{(20)}-m_{010}^{(20)}(m_{110}^{(21)})^2m_{002}^{(00)}\\
&-4m_{010}^{(20)}m_{110}^{(21)}m_{110}^{(22)}m_{101}^{(10)}+m_{010}^{(20)}m_{110}^{(21)}m_{101}^{(00)}m_{002}^{(11)}+m_{010}^{(20)}m_{110}^{(21)}m_{101}^{(10)}m_{101}^{(21)}\\
&+3m_{010}^{(20)}m_{110}^{(21)}m_{101}^{(10)}m_{011}^{(20)}-5m_{010}^{(20)}m_{110}^{(21)}m_{101}^{(11)}m_{101}^{(20)}-m_{010}^{(20)}m_{110}^{(21)}m_{101}^{(11)}m_{002}^{(00)}\\
&+m_{010}^{(20)}m_{110}^{(21)}m_{101}^{(21)}m_{011}^{(00)}+m_{010}^{(20)}m_{110}^{(22)}m_{101}^{(00)}m_{011}^{(11)}-m_{010}^{(20)}m_{110}^{(22)}m_{101}^{(10)}m_{011}^{(10)}\\
&+3m_{010}^{(20)}m_{101}^{(00)}m_{101}^{(11)}m_{011}^{(21)}-3m_{010}^{(20)}m_{101}^{(00)}m_{101}^{(21)}m_{011}^{(11)}+2m_{010}^{(20)}m_{101}^{(00)}m_{020}^{(10)}m_{002}^{(21)}\\
&-2m_{010}^{(20)}m_{101}^{(00)}m_{020}^{(20)}m_{002}^{(11)}-2m_{010}^{(20)}m_{101}^{(00)}m_{011}^{(10)}m_{011}^{(21)}+2m_{010}^{(20)}m_{101}^{(00)}m_{011}^{(11)}m_{011}^{(20)}\\
&+m_{010}^{(20)}(m_{101}^{(10)})^2m_{011}^{(21)}-4m_{010}^{(20)}m_{101}^{(10)}m_{101}^{(11)}m_{011}^{(20)}-m_{010}^{(20)}m_{101}^{(10)}m_{101}^{(20)}m_{011}^{(11)}\\
&-m_{010}^{(20)}m_{101}^{(10)}m_{101}^{(21)}m_{011}^{(10)}+2m_{010}^{(20)}m_{101}^{(10)}m_{020}^{(00)}m_{002}^{(21)}-6m_{010}^{(20)}m_{101}^{(10)}m_{020}^{(10)}m_{002}^{(20)}\\
&-2m_{010}^{(20)}m_{101}^{(10)}m_{011}^{(00)}m_{011}^{(21)}+6m_{010}^{(20)}m_{101}^{(10)}m_{011}^{(10)}m_{011}^{(20)}+5m_{010}^{(20)}m_{101}^{(11)}m_{101}^{(20)}m_{011}^{(10)}\\
&+2m_{010}^{(20)}m_{101}^{(11)}m_{020}^{(00)}m_{002}^{(20)}+2m_{010}^{(20)}m_{101}^{(11)}m_{020}^{(20)}m_{002}^{(00)}-4m_{010}^{(20)}m_{101}^{(11)}m_{011}^{(00)}m_{011}^{(20)}\\
&-2m_{010}^{(20)}m_{101}^{(20)}m_{020}^{(00)}m_{002}^{(11)}+6m_{010}^{(20)}m_{101}^{(20)}m_{020}^{(10)}m_{002}^{(10)}+2m_{010}^{(20)}m_{101}^{(20)}m_{011}^{(00)}m_{011}^{(11)}\\
&-6m_{010}^{(20)}m_{101}^{(20)}(m_{011}^{(10)})^2-2m_{010}^{(20)}m_{101}^{(21)}m_{020}^{(00)}m_{002}^{(10)}-2m_{010}^{(20)}m_{101}^{(21)}m_{020}^{(10)}m_{002}^{(00)}\\
&+4m_{010}^{(20)}m_{101}^{(21)}m_{011}^{(00)}m_{011}^{(10)}+m_{010}^{(21)}m_{200}^{(00)}m_{110}^{(11)}m_{002}^{(22)}-2m_{010}^{(21)}m_{200}^{(00)}m_{110}^{(21)}m_{011}^{(22)}\\
&+2m_{010}^{(21)}m_{200}^{(00)}m_{110}^{(21)}m_{002}^{(21)}-2m_{010}^{(21)}m_{200}^{(00)}m_{110}^{(22)}m_{011}^{(21)}+m_{010}^{(21)}m_{200}^{(00)}m_{110}^{(22)}m_{002}^{(11)}\\
&-m_{010}^{(21)}m_{200}^{(00)}m_{101}^{(11)}m_{011}^{(22)}+2m_{010}^{(21)}m_{200}^{(00)}m_{101}^{(21)}m_{020}^{(22)}-2m_{010}^{(21)}m_{200}^{(00)}m_{101}^{(21)}m_{011}^{(21)}\\
&+2m_{010}^{(21)}m_{200}^{(00)}m_{101}^{(22)}m_{020}^{(21)}-m_{010}^{(21)}m_{200}^{(00)}m_{101}^{(22)}m_{011}^{(11)}-m_{010}^{(21)}m_{200}^{(00)}m_{020}^{(10)}m_{002}^{(22)}\\
&+m_{010}^{(21)}m_{200}^{(00)}m_{020}^{(20)}m_{002}^{(21)}-2m_{010}^{(21)}m_{200}^{(00)}m_{020}^{(21)}m_{002}^{(20)}-2m_{010}^{(21)}m_{200}^{(00)}m_{020}^{(22)}m_{002}^{(10)}\\
&+3m_{010}^{(21)}m_{200}^{(00)}m_{011}^{(10)}m_{011}^{(22)}-3m_{010}^{(21)}m_{200}^{(00)}m_{011}^{(10)}m_{002}^{(21)}+m_{010}^{(21)}m_{200}^{(00)}m_{011}^{(11)}m_{002}^{(20)}\\
&+m_{010}^{(21)}m_{200}^{(00)}m_{011}^{(20)}m_{011}^{(21)}-m_{010}^{(21)}m_{200}^{(00)}m_{011}^{(20)}m_{002}^{(11)}+3m_{010}^{(21)}m_{200}^{(00)}m_{011}^{(21)}m_{002}^{(10)}\\
&+2m_{010}^{(21)}m_{200}^{(10)}m_{110}^{(20)}m_{011}^{(22)}-3m_{010}^{(21)}m_{200}^{(10)}m_{110}^{(21)}m_{002}^{(20)}+2m_{010}^{(21)}m_{200}^{(10)}m_{110}^{(22)}m_{011}^{(20)}\\
&-m_{010}^{(21)}m_{200}^{(10)}m_{110}^{(22)}m_{002}^{(10)}-2m_{010}^{(21)}m_{200}^{(10)}m_{101}^{(20)}m_{020}^{(22)}+3m_{010}^{(21)}m_{200}^{(10)}m_{101}^{(21)}m_{011}^{(20)}\\
&-2m_{010}^{(21)}m_{200}^{(10)}m_{101}^{(22)}m_{020}^{(20)}+m_{010}^{(21)}m_{200}^{(10)}m_{101}^{(22)}m_{011}^{(10)}+m_{010}^{(21)}m_{200}^{(10)}m_{020}^{(00)}m_{002}^{(22)}\\
&+m_{010}^{(21)}m_{200}^{(10)}m_{020}^{(20)}m_{002}^{(20)}+2m_{010}^{(21)}m_{200}^{(10)}m_{020}^{(22)}m_{002}^{(00)}-3m_{010}^{(21)}m_{200}^{(10)}m_{011}^{(00)}m_{011}^{(22)}
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\begin{aligned}
&-m_{010}^{(21)}m_{200}^{(10)}m_{011}^{(00)}m_{002}^{(21)} + m_{010}^{(21)}m_{200}^{(10)}m_{011}^{(10)}m_{002}^{(20)} - m_{010}^{(21)}m_{200}^{(10)}(m_{011}^{(20)})^2 \\
&-m_{010}^{(21)}m_{200}^{(10)}m_{011}^{(20)}m_{002}^{(10)} + m_{010}^{(21)}m_{200}^{(10)}m_{011}^{(21)}m_{002}^{(00)} - m_{010}^{(21)}m_{200}^{(11)}m_{110}^{(00)}m_{002}^{(22)} \\
&+m_{010}^{(21)}m_{200}^{(11)}m_{110}^{(20)}m_{002}^{(20)} + m_{010}^{(21)}m_{200}^{(11)}m_{101}^{(00)}m_{011}^{(22)} - m_{010}^{(21)}m_{200}^{(11)}m_{101}^{(20)}m_{011}^{(20)} \\
&+2m_{010}^{(21)}m_{200}^{(11)}m_{011}^{(00)}m_{002}^{(20)} - 2m_{010}^{(21)}m_{200}^{(11)}m_{011}^{(20)}m_{002}^{(00)} - 2m_{010}^{(21)}m_{200}^{(20)}m_{110}^{(10)}m_{011}^{(22)} \\
&-m_{010}^{(21)}m_{200}^{(20)}m_{110}^{(11)}m_{002}^{(20)} + 6m_{010}^{(21)}m_{200}^{(20)}m_{110}^{(21)}m_{011}^{(20)} - 3m_{010}^{(21)}m_{200}^{(20)}m_{110}^{(21)}m_{002}^{(10)} \\
&+2m_{010}^{(21)}m_{200}^{(20)}m_{101}^{(10)}m_{020}^{(22)} + m_{010}^{(21)}m_{200}^{(20)}m_{101}^{(11)}m_{011}^{(20)} - 6m_{010}^{(21)}m_{200}^{(20)}m_{101}^{(21)}m_{020}^{(20)} \\
&+3m_{010}^{(21)}m_{200}^{(20)}m_{101}^{(21)}m_{011}^{(10)} + 3m_{010}^{(21)}m_{200}^{(20)}m_{020}^{(00)}m_{002}^{(21)} - m_{010}^{(21)}m_{200}^{(20)}m_{020}^{(20)}m_{002}^{(10)} \\
&+2m_{010}^{(21)}m_{200}^{(20)}m_{020}^{(21)}m_{002}^{(00)} - 5m_{010}^{(21)}m_{200}^{(20)}m_{011}^{(00)}m_{011}^{(21)} + m_{010}^{(21)}m_{200}^{(20)}m_{011}^{(00)}m_{002}^{(11)} \\
&+m_{010}^{(21)}m_{200}^{(20)}m_{011}^{(10)}m_{011}^{(20)} - m_{010}^{(21)}m_{200}^{(20)}m_{011}^{(11)}m_{002}^{(00)} + 2m_{010}^{(21)}m_{200}^{(21)}m_{110}^{(00)}m_{011}^{(22)} \\
&-2m_{010}^{(21)}m_{200}^{(21)}m_{110}^{(00)}m_{002}^{(21)} + 3m_{010}^{(21)}m_{200}^{(21)}m_{110}^{(10)}m_{002}^{(20)} - 6m_{010}^{(21)}m_{200}^{(21)}m_{110}^{(20)}m_{011}^{(20)} \\
&+3m_{010}^{(21)}m_{200}^{(21)}m_{110}^{(20)}m_{002}^{(10)} - 2m_{010}^{(21)}m_{200}^{(21)}m_{101}^{(00)}m_{020}^{(22)} + 2m_{010}^{(21)}m_{200}^{(21)}m_{101}^{(00)}m_{011}^{(21)} \\
&-3m_{010}^{(21)}m_{200}^{(21)}m_{101}^{(10)}m_{011}^{(20)} + 6m_{010}^{(21)}m_{200}^{(21)}m_{101}^{(20)}m_{020}^{(20)} - 3m_{010}^{(21)}m_{200}^{(21)}m_{101}^{(20)}m_{011}^{(10)} \\
&-3m_{010}^{(21)}m_{200}^{(21)}m_{020}^{(00)}m_{002}^{(20)} - m_{010}^{(21)}m_{200}^{(21)}m_{020}^{(20)}m_{002}^{(00)} + 4m_{010}^{(21)}m_{200}^{(21)}m_{011}^{(00)}m_{011}^{(20)} \\
&+2m_{010}^{(21)}m_{200}^{(21)}m_{011}^{(00)}m_{002}^{(10)} - 2m_{010}^{(21)}m_{200}^{(21)}m_{011}^{(10)}m_{002}^{(00)} + 2m_{010}^{(21)}m_{200}^{(22)}m_{110}^{(00)}m_{011}^{(21)} \\
&-m_{010}^{(21)}m_{200}^{(22)}m_{110}^{(00)}m_{002}^{(11)} - 2m_{010}^{(21)}m_{200}^{(22)}m_{110}^{(10)}m_{011}^{(20)} + m_{010}^{(21)}m_{200}^{(22)}m_{110}^{(10)}m_{002}^{(10)} \\
&-2m_{010}^{(21)}m_{200}^{(22)}m_{101}^{(00)}m_{020}^{(21)} + m_{010}^{(21)}m_{200}^{(22)}m_{101}^{(00)}m_{011}^{(11)} + 2m_{010}^{(21)}m_{200}^{(22)}m_{101}^{(10)}m_{020}^{(20)} \\
&-m_{010}^{(21)}m_{200}^{(22)}m_{101}^{(10)}m_{011}^{(10)} - m_{010}^{(21)}m_{200}^{(22)}m_{020}^{(00)}m_{002}^{(10)} + m_{010}^{(21)}m_{200}^{(22)}m_{020}^{(10)}m_{002}^{(00)} \\
&-4m_{010}^{(21)}m_{110}^{(00)}m_{110}^{(20)}m_{002}^{(21)} - 2m_{010}^{(21)}m_{110}^{(00)}m_{110}^{(21)}m_{101}^{(22)} + 5m_{010}^{(21)}m_{110}^{(00)}m_{110}^{(21)}m_{002}^{(20)} \\
&-2m_{010}^{(21)}m_{110}^{(00)}m_{110}^{(22)}m_{101}^{(21)} + 3m_{010}^{(21)}m_{110}^{(00)}m_{110}^{(22)}m_{002}^{(10)} - m_{010}^{(21)}m_{110}^{(00)}m_{101}^{(10)}m_{011}^{(22)} \\
&+3m_{010}^{(21)}m_{110}^{(00)}m_{101}^{(10)}m_{002}^{(21)} + 2m_{010}^{(21)}m_{110}^{(00)}m_{101}^{(11)}m_{101}^{(22)} - m_{010}^{(21)}m_{110}^{(00)}m_{101}^{(11)}m_{002}^{(20)} \\
&+m_{010}^{(21)}m_{110}^{(00)}m_{101}^{(20)}m_{011}^{(21)} + m_{010}^{(21)}m_{110}^{(00)}m_{101}^{(20)}m_{002}^{(11)} + 2m_{010}^{(21)}m_{110}^{(00)}(m_{101}^{(21)})^2 \\
&-2m_{010}^{(21)}m_{110}^{(00)}m_{101}^{(21)}m_{011}^{(20)} - 3m_{010}^{(21)}m_{110}^{(00)}m_{101}^{(21)}m_{002}^{(10)} - 2m_{010}^{(21)}m_{110}^{(00)}m_{101}^{(22)}m_{011}^{(10)} \\
&+4m_{010}^{(21)}m_{110}^{(00)}m_{011}^{(00)}m_{002}^{(21)} - 4m_{010}^{(21)}m_{110}^{(00)}m_{011}^{(21)}m_{002}^{(00)} + 2m_{010}^{(21)}m_{110}^{(10)}m_{110}^{(20)}m_{101}^{(22)} \\
&-m_{010}^{(21)}m_{110}^{(10)}m_{110}^{(20)}m_{002}^{(20)} + 2m_{010}^{(21)}m_{110}^{(10)}m_{110}^{(22)}m_{101}^{(20)} - 3m_{010}^{(21)}m_{110}^{(10)}m_{110}^{(22)}m_{002}^{(00)} \\
&+m_{010}^{(21)}m_{110}^{(10)}m_{101}^{(00)}m_{011}^{(22)} + m_{010}^{(21)}m_{110}^{(10)}m_{101}^{(00)}m_{002}^{(21)} - m_{010}^{(21)}m_{110}^{(10)}m_{101}^{(10)}m_{101}^{(22)} \\
&-m_{010}^{(21)}m_{110}^{(10)}m_{101}^{(10)}m_{002}^{(20)} - 3m_{010}^{(21)}m_{110}^{(10)}m_{101}^{(20)}m_{101}^{(21)} + m_{010}^{(21)}m_{110}^{(10)}m_{101}^{(20)}m_{011}^{(20)} \\
&+m_{010}^{(21)}m_{110}^{(10)}m_{101}^{(20)}m_{002}^{(10)} - m_{010}^{(21)}m_{110}^{(10)}m_{101}^{(21)}m_{002}^{(00)} + 2m_{010}^{(21)}m_{110}^{(10)}m_{101}^{(22)}m_{011}^{(00)} \\
&-4m_{010}^{(21)}m_{110}^{(10)}m_{011}^{(00)}m_{002}^{(20)} + 4m_{010}^{(21)}m_{110}^{(10)}m_{011}^{(20)}m_{002}^{(00)} - m_{010}^{(21)}m_{110}^{(11)}m_{101}^{(00)}m_{101}^{(22)} \\
&-2m_{010}^{(21)}m_{110}^{(11)}m_{101}^{(00)}m_{002}^{(20)} + m_{010}^{(21)}m_{110}^{(11)}(m_{101}^{(20)})^2 + 2m_{010}^{(21)}m_{110}^{(11)}m_{101}^{(20)}m_{002}^{(00)} \\
&+6m_{010}^{(21)}(m_{110}^{(20)})^2m_{101}^{(21)} + m_{010}^{(21)}(m_{110}^{(20)})^2m_{002}^{(10)} - 6m_{010}^{(21)}m_{110}^{(20)}m_{110}^{(21)}m_{101}^{(20)} \\
&-m_{010}^{(21)}m_{110}^{(20)}m_{110}^{(21)}m_{002}^{(00)} - 4m_{010}^{(21)}m_{110}^{(20)}m_{110}^{(22)}m_{101}^{(10)} + 3m_{010}^{(21)}m_{110}^{(20)}m_{101}^{(00)}m_{011}^{(21)} \\
&-m_{010}^{(21)}m_{110}^{(20)}m_{101}^{(00)}m_{002}^{(11)} - 3m_{010}^{(21)}m_{110}^{(20)}m_{101}^{(10)}m_{101}^{(21)} - m_{010}^{(21)}m_{110}^{(20)}m_{101}^{(11)}m_{101}^{(20)} \\
&+m_{010}^{(21)}m_{110}^{(20)}m_{101}^{(11)}m_{002}^{(00)} - m_{010}^{(21)}m_{110}^{(20)}m_{101}^{(20)}m_{011}^{(10)} + 2m_{010}^{(21)}m_{110}^{(20)}m_{101}^{(21)}m_{011}^{(00)} \\
&-4m_{010}^{(21)}m_{110}^{(20)}m_{011}^{(00)}m_{002}^{(10)} + 4m_{010}^{(21)}m_{110}^{(20)}m_{011}^{(10)}m_{002}^{(00)} + 4m_{010}^{(21)}m_{110}^{(21)}m_{110}^{(22)}m_{101}^{(00)} \\
&-2m_{010}^{(21)}m_{110}^{(21)}m_{101}^{(00)}m_{101}^{(21)} - 3m_{010}^{(21)}m_{110}^{(21)}m_{101}^{(00)}m_{011}^{(20)} - 2m_{010}^{(21)}m_{110}^{(21)}m_{101}^{(00)}m_{002}^{(10)} \\
&+6m_{010}^{(21)}m_{110}^{(21)}m_{101}^{(10)}m_{101}^{(20)} + 2m_{010}^{(21)}m_{110}^{(21)}m_{101}^{(10)}m_{002}^{(00)} - m_{010}^{(21)}m_{110}^{(21)}m_{101}^{(20)}m_{011}^{(00)} \\
&-m_{010}^{(21)}m_{110}^{(22)}m_{101}^{(00)}m_{101}^{(11)} - m_{010}^{(21)}m_{110}^{(22)}m_{101}^{(00)}m_{011}^{(10)} + m_{010}^{(21)}m_{110}^{(22)}(m_{101}^{(10)})^2 \\
&+m_{010}^{(21)}m_{110}^{(22)}m_{101}^{(10)}m_{011}^{(00)} - 4m_{010}^{(21)}m_{101}^{(00)}m_{101}^{(10)}m_{011}^{(21)} + 3m_{010}^{(21)}m_{101}^{(00)}m_{101}^{(11)}m_{011}^{(20)}
\end{aligned}
$$

$$+5m_{010}^{(21)}m_{101}^{(00)}m_{101}^{(21)}m_{011}^{(10)} - 4m_{010}^{(21)}m_{101}^{(00)}m_{020}^{(00)}m_{002}^{(21)} + 4m_{010}^{(21)}m_{101}^{(00)}m_{020}^{(10)}m_{002}^{(20)}$$
$$+4m_{010}^{(21)}m_{101}^{(00)}m_{020}^{(20)}m_{002}^{(10)} + 4m_{010}^{(21)}m_{101}^{(00)}m_{011}^{(00)}m_{011}^{(21)} - 8m_{010}^{(21)}m_{101}^{(00)}m_{011}^{(10)}m_{011}^{(20)}$$
$$+m_{010}^{(21)}(m_{101}^{(10)})^2m_{011}^{(20)} - m_{010}^{(21)}m_{101}^{(10)}m_{101}^{(20)}m_{011}^{(10)} - m_{010}^{(21)}m_{101}^{(10)}m_{101}^{(21)}m_{011}^{(00)}$$
$$-4m_{010}^{(21)}m_{101}^{(10)}m_{020}^{(20)}m_{002}^{(00)} + 4m_{010}^{(21)}m_{101}^{(10)}m_{011}^{(00)}m_{011}^{(20)} - 3m_{010}^{(21)}m_{101}^{(11)}m_{101}^{(20)}m_{011}^{(00)}$$
$$-4m_{010}^{(21)}m_{101}^{(20)}m_{020}^{(10)}m_{002}^{(00)} + 4m_{010}^{(21)}m_{101}^{(20)}m_{011}^{(00)}m_{011}^{(10)} + 4m_{010}^{(21)}m_{101}^{(21)}m_{020}^{(00)}m_{002}^{(00)}$$
$$-4m_{010}^{(21)}m_{101}^{(21)}(m_{011}^{(00)})^2 - m_{010}^{(22)}m_{200}^{(00)}m_{110}^{(11)}m_{002}^{(21)} + 2m_{010}^{(22)}m_{200}^{(00)}m_{110}^{(21)}m_{011}^{(21)}$$
$$-m_{010}^{(22)}m_{200}^{(00)}m_{110}^{(21)}m_{002}^{(11)} + m_{010}^{(22)}m_{200}^{(00)}m_{101}^{(11)}m_{011}^{(21)} - 2m_{010}^{(22)}m_{200}^{(00)}m_{101}^{(21)}m_{020}^{(21)}$$
$$+m_{010}^{(22)}m_{200}^{(00)}m_{101}^{(21)}m_{011}^{(11)} + m_{010}^{(22)}m_{200}^{(00)}m_{020}^{(10)}m_{002}^{(21)} - m_{010}^{(22)}m_{200}^{(00)}m_{020}^{(20)}m_{002}^{(11)}$$
$$+2m_{010}^{(22)}m_{200}^{(00)}m_{020}^{(21)}m_{002}^{(10)} - 3m_{010}^{(22)}m_{200}^{(00)}m_{011}^{(10)}m_{011}^{(21)} + 2m_{010}^{(22)}m_{200}^{(00)}m_{011}^{(10)}m_{002}^{(11)}$$
$$+m_{010}^{(22)}m_{200}^{(00)}m_{011}^{(11)}m_{011}^{(20)} - 2m_{010}^{(22)}m_{200}^{(00)}m_{011}^{(11)}m_{002}^{(10)} + 2m_{010}^{(22)}m_{200}^{(10)}m_{110}^{(11)}m_{002}^{(20)}$$
$$-2m_{010}^{(22)}m_{200}^{(10)}m_{110}^{(20)}m_{011}^{(11)} + m_{010}^{(22)}m_{200}^{(10)}m_{110}^{(20)}m_{002}^{(11)} - 2m_{010}^{(22)}m_{200}^{(10)}m_{110}^{(21)}m_{011}^{(20)}$$
$$+m_{010}^{(22)}m_{200}^{(10)}m_{110}^{(21)}m_{002}^{(10)} - 2m_{010}^{(22)}m_{200}^{(10)}m_{101}^{(11)}m_{011}^{(20)} + 2m_{010}^{(22)}m_{200}^{(10)}m_{101}^{(20)}m_{020}^{(21)}$$
$$-m_{010}^{(22)}m_{200}^{(10)}m_{101}^{(20)}m_{011}^{(11)} + 2m_{010}^{(22)}m_{200}^{(10)}m_{101}^{(21)}m_{020}^{(20)} - m_{010}^{(22)}m_{200}^{(10)}m_{101}^{(21)}m_{011}^{(10)}$$
$$-m_{010}^{(22)}m_{200}^{(10)}m_{020}^{(00)}m_{002}^{(21)} - m_{010}^{(22)}m_{200}^{(10)}m_{020}^{(10)}m_{002}^{(20)} - 2m_{010}^{(22)}m_{200}^{(10)}m_{020}^{(21)}m_{002}^{(00)}$$
$$+3m_{010}^{(22)}m_{200}^{(10)}m_{011}^{(00)}m_{011}^{(21)} + m_{010}^{(22)}m_{200}^{(10)}m_{011}^{(10)}m_{011}^{(20)} + m_{010}^{(22)}m_{200}^{(11)}m_{110}^{(00)}m_{002}^{(21)}$$
$$-2m_{010}^{(22)}m_{200}^{(11)}m_{110}^{(10)}m_{002}^{(20)} + 2m_{010}^{(22)}m_{200}^{(11)}m_{110}^{(20)}m_{011}^{(10)} - m_{010}^{(22)}m_{200}^{(11)}m_{110}^{(20)}m_{002}^{(10)}$$
$$-m_{010}^{(22)}m_{200}^{(11)}m_{101}^{(00)}m_{011}^{(21)} + 2m_{010}^{(22)}m_{200}^{(11)}m_{101}^{(10)}m_{011}^{(20)} - 2m_{010}^{(22)}m_{200}^{(11)}m_{101}^{(20)}m_{020}^{(20)}$$
$$+m_{010}^{(22)}m_{200}^{(11)}m_{101}^{(20)}m_{011}^{(10)} + m_{010}^{(22)}m_{200}^{(11)}m_{020}^{(00)}m_{002}^{(20)} + m_{010}^{(22)}m_{200}^{(11)}m_{020}^{(20)}m_{002}^{(00)}$$
$$-2m_{010}^{(22)}m_{200}^{(11)}m_{011}^{(00)}m_{011}^{(20)} - 2m_{010}^{(22)}m_{200}^{(11)}m_{011}^{(00)}m_{002}^{(10)} + 2m_{010}^{(22)}m_{200}^{(11)}m_{011}^{(10)}m_{002}^{(00)}$$
$$+2m_{010}^{(22)}m_{200}^{(20)}m_{110}^{(10)}m_{011}^{(21)} - m_{010}^{(22)}m_{200}^{(20)}m_{110}^{(10)}m_{002}^{(11)} - 2m_{010}^{(22)}m_{200}^{(20)}m_{110}^{(11)}m_{011}^{(20)}$$
$$+m_{010}^{(22)}m_{200}^{(20)}m_{110}^{(11)}m_{002}^{(10)} - 2m_{010}^{(22)}m_{200}^{(20)}m_{101}^{(10)}m_{020}^{(21)} + m_{010}^{(22)}m_{200}^{(20)}m_{101}^{(10)}m_{011}^{(11)}$$
$$+2m_{010}^{(22)}m_{200}^{(20)}m_{101}^{(11)}m_{020}^{(20)} - m_{010}^{(22)}m_{200}^{(20)}m_{101}^{(11)}m_{011}^{(10)} - m_{010}^{(22)}m_{200}^{(20)}m_{020}^{(00)}m_{002}^{(11)}$$
$$+m_{010}^{(22)}m_{200}^{(20)}m_{020}^{(10)}m_{002}^{(10)} + m_{010}^{(22)}m_{200}^{(20)}m_{011}^{(00)}m_{011}^{(11)} - m_{010}^{(22)}m_{200}^{(20)}(m_{011}^{(10)})^2$$
$$-2m_{010}^{(22)}m_{200}^{(21)}m_{110}^{(00)}m_{011}^{(21)} + m_{010}^{(22)}m_{200}^{(21)}m_{110}^{(00)}m_{002}^{(11)} + 2m_{010}^{(22)}m_{200}^{(21)}m_{110}^{(10)}m_{011}^{(20)}$$
$$-m_{010}^{(22)}m_{200}^{(21)}m_{110}^{(10)}m_{002}^{(10)} + 2m_{010}^{(22)}m_{200}^{(21)}m_{101}^{(00)}m_{020}^{(21)} - m_{010}^{(22)}m_{200}^{(21)}m_{101}^{(00)}m_{011}^{(11)}$$
$$-2m_{010}^{(22)}m_{200}^{(21)}m_{101}^{(10)}m_{020}^{(20)} + m_{010}^{(22)}m_{200}^{(21)}m_{101}^{(10)}m_{011}^{(10)} + m_{010}^{(22)}m_{200}^{(21)}m_{020}^{(00)}m_{002}^{(10)}$$
$$-m_{010}^{(22)}m_{200}^{(21)}m_{020}^{(10)}m_{002}^{(00)} - m_{010}^{(22)}m_{110}^{(00)}m_{110}^{(11)}m_{002}^{(20)} + 2m_{010}^{(22)}m_{110}^{(00)}m_{110}^{(20)}m_{002}^{(11)}$$
$$+2m_{010}^{(22)}m_{110}^{(00)}m_{110}^{(21)}m_{101}^{(21)} - 3m_{010}^{(22)}m_{110}^{(00)}m_{110}^{(21)}m_{002}^{(10)} + m_{010}^{(22)}m_{110}^{(00)}m_{101}^{(10)}m_{101}^{(21)}m_{011}^{(00)}$$
$$-2m_{010}^{(22)}m_{110}^{(00)}m_{101}^{(10)}m_{002}^{(11)} - 2m_{010}^{(22)}m_{110}^{(00)}m_{101}^{(11)}m_{101}^{(21)} + 2m_{010}^{(22)}m_{110}^{(00)}m_{101}^{(11)}m_{002}^{(10)}$$
$$-m_{010}^{(22)}m_{110}^{(00)}m_{101}^{(20)}m_{011}^{(11)} + 2m_{010}^{(22)}m_{110}^{(00)}m_{101}^{(21)}m_{011}^{(10)} - 2m_{010}^{(22)}m_{110}^{(00)}m_{011}^{(00)}m_{002}^{(11)}$$
$$+2m_{010}^{(22)}m_{110}^{(00)}m_{011}^{(11)}m_{002}^{(00)} + m_{010}^{(22)}(m_{110}^{(10)})^2m_{002}^{(20)} - 2m_{010}^{(22)}m_{110}^{(10)}m_{110}^{(20)}m_{101}^{(21)}$$
$$-m_{010}^{(22)}m_{110}^{(10)}m_{110}^{(20)}m_{002}^{(10)} - 2m_{010}^{(22)}m_{110}^{(10)}m_{110}^{(21)}m_{101}^{(20)} + 3m_{010}^{(22)}m_{110}^{(10)}m_{110}^{(21)}m_{002}^{(00)}$$
$$-m_{010}^{(22)}m_{110}^{(10)}m_{101}^{(00)}m_{011}^{(21)} + m_{010}^{(22)}m_{110}^{(10)}m_{101}^{(10)}m_{101}^{(21)} - m_{010}^{(22)}m_{110}^{(10)}m_{101}^{(10)}m_{011}^{(20)}$$
$$+3m_{010}^{(22)}m_{110}^{(10)}m_{101}^{(11)}m_{101}^{(20)} - 2m_{010}^{(22)}m_{110}^{(10)}m_{101}^{(21)}m_{011}^{(00)} + 4m_{010}^{(22)}m_{110}^{(10)}m_{011}^{(00)}m_{002}^{(10)}$$
$$-4m_{010}^{(22)}m_{110}^{(10)}m_{011}^{(10)}m_{002}^{(00)} + 2m_{010}^{(22)}m_{110}^{(11)}m_{110}^{(20)}m_{101}^{(20)} - m_{010}^{(22)}m_{110}^{(11)}m_{110}^{(20)}m_{002}^{(00)}$$
$$+m_{010}^{(22)}m_{110}^{(11)}m_{101}^{(00)}m_{101}^{(20)} + m_{010}^{(22)}m_{110}^{(11)}m_{101}^{(00)}m_{011}^{(20)} + 2m_{010}^{(22)}m_{110}^{(11)}m_{101}^{(00)}m_{002}^{(10)}$$
$$-3m_{010}^{(22)}m_{110}^{(11)}m_{101}^{(10)}m_{101}^{(20)} - 2m_{010}^{(22)}m_{110}^{(11)}m_{101}^{(10)}m_{002}^{(00)} + m_{010}^{(22)}m_{110}^{(11)}m_{101}^{(20)}m_{011}^{(00)}$$
$$-2m_{010}^{(22)}(m_{110}^{(20)})^2m_{101}^{(11)} + 4m_{010}^{(22)}m_{110}^{(20)}m_{110}^{(21)}m_{101}^{(10)} - m_{010}^{(22)}m_{110}^{(20)}m_{101}^{(00)}m_{011}^{(11)}$$

$$
\begin{aligned}
&+m_{010}^{(22)}m_{110}^{(20)}m_{101}^{(10)}m_{011}^{(10)} - 2m_{010}^{(22)}(m_{110}^{(21)})^2m_{101}^{(00)} + m_{010}^{(22)}m_{110}^{(21)}m_{101}^{(00)}m_{101}^{(11)}\\
&+m_{010}^{(22)}m_{110}^{(21)}m_{101}^{(00)}m_{011}^{(10)} - m_{010}^{(22)}m_{110}^{(21)}(m_{101}^{(10)})^2 - m_{010}^{(22)}m_{110}^{(21)}m_{101}^{(10)}m_{011}^{(00)}\\
&+2m_{010}^{(22)}m_{101}^{(00)}m_{101}^{(10)}m_{011}^{(11)} - 4m_{010}^{(22)}m_{101}^{(00)}m_{101}^{(11)}m_{011}^{(10)} + 2m_{010}^{(22)}m_{101}^{(00)}m_{020}^{(00)}m_{002}^{(11)}\\
&-4m_{010}^{(22)}m_{101}^{(00)}m_{020}^{(10)}m_{002}^{(10)} - 2m_{010}^{(22)}m_{101}^{(00)}m_{011}^{(00)}m_{011}^{(11)} + 4m_{010}^{(22)}m_{101}^{(00)}(m_{011}^{(10)})^2\\
&+2m_{010}^{(22)}m_{101}^{(10)}m_{101}^{(11)}m_{011}^{(00)} + 4m_{010}^{(22)}m_{101}^{(10)}m_{020}^{(10)}m_{002}^{(00)} - 4m_{010}^{(22)}m_{101}^{(10)}m_{011}^{(00)}m_{011}^{(10)}\\
&-2m_{010}^{(22)}m_{101}^{(11)}m_{020}^{(00)}m_{002}^{(00)} + 2m_{010}^{(22)}m_{101}^{(11)}(m_{011}^{(00)})^2 + 2m_{001}^{(00)}m_{200}^{(10)}m_{020}^{(21)}m_{011}^{(22)}\\
&-m_{001}^{(00)}m_{200}^{(10)}m_{020}^{(21)}m_{002}^{(21)} - 2m_{001}^{(00)}m_{200}^{(10)}m_{020}^{(22)}m_{011}^{(21)} + m_{001}^{(00)}m_{200}^{(10)}m_{020}^{(22)}m_{002}^{(11)}\\
&-m_{001}^{(00)}m_{200}^{(10)}m_{011}^{(11)}m_{011}^{(22)} + m_{001}^{(00)}m_{200}^{(10)}(m_{011}^{(21)})^2 - 2m_{001}^{(00)}m_{200}^{(11)}m_{110}^{(21)}m_{011}^{(22)}\\
&+4m_{001}^{(00)}m_{200}^{(11)}m_{110}^{(21)}m_{002}^{(21)} - 2m_{001}^{(00)}m_{200}^{(11)}m_{110}^{(22)}m_{002}^{(11)} + 2m_{001}^{(00)}m_{200}^{(11)}m_{101}^{(21)}m_{020}^{(22)}\\
&-4m_{001}^{(00)}m_{200}^{(11)}m_{101}^{(21)}m_{011}^{(21)} + 2m_{001}^{(00)}m_{200}^{(11)}m_{101}^{(22)}m_{011}^{(11)} - m_{001}^{(00)}m_{200}^{(11)}m_{020}^{(20)}m_{002}^{(21)}\\
&-2m_{001}^{(00)}m_{200}^{(11)}m_{020}^{(21)}m_{002}^{(20)} + m_{001}^{(00)}m_{200}^{(11)}m_{020}^{(22)}m_{002}^{(10)} - m_{001}^{(00)}m_{200}^{(11)}m_{011}^{(10)}m_{011}^{(22)}\\
&+3m_{001}^{(00)}m_{200}^{(11)}m_{011}^{(20)}m_{011}^{(21)} - m_{001}^{(00)}m_{200}^{(20)}m_{020}^{(11)}m_{011}^{(22)} + m_{001}^{(00)}m_{200}^{(20)}m_{020}^{(11)}m_{002}^{(21)}\\
&-m_{001}^{(00)}m_{200}^{(20)}m_{020}^{(21)}m_{002}^{(11)} + m_{001}^{(00)}m_{200}^{(20)}m_{020}^{(22)}m_{011}^{(11)} + 2m_{001}^{(00)}m_{200}^{(21)}m_{110}^{(11)}m_{011}^{(22)}\\
&-4m_{001}^{(00)}m_{200}^{(21)}m_{110}^{(11)}m_{002}^{(21)} + 2m_{001}^{(00)}m_{200}^{(21)}m_{110}^{(22)}m_{011}^{(11)} - 2m_{001}^{(00)}m_{200}^{(21)}m_{101}^{(11)}m_{020}^{(22)}\\
&+4m_{001}^{(00)}m_{200}^{(21)}m_{101}^{(11)}m_{011}^{(21)} - 2m_{001}^{(00)}m_{200}^{(21)}m_{101}^{(22)}m_{020}^{(11)} + m_{001}^{(00)}m_{200}^{(21)}m_{020}^{(10)}m_{011}^{(22)}\\
&+m_{001}^{(00)}m_{200}^{(21)}m_{020}^{(10)}m_{002}^{(21)} + 2m_{001}^{(00)}m_{200}^{(21)}m_{020}^{(11)}m_{002}^{(20)} - m_{001}^{(00)}m_{200}^{(21)}m_{020}^{(20)}m_{011}^{(21)}\\
&+m_{001}^{(00)}m_{200}^{(21)}m_{020}^{(20)}m_{002}^{(11)} + m_{001}^{(00)}m_{200}^{(21)}m_{020}^{(21)}m_{011}^{(20)} - m_{001}^{(00)}m_{200}^{(21)}m_{020}^{(22)}m_{011}^{(10)}\\
&-m_{001}^{(00)}m_{200}^{(21)}m_{011}^{(10)}m_{011}^{(21)} - 3m_{001}^{(00)}m_{200}^{(21)}m_{011}^{(11)}m_{011}^{(20)} + 2m_{001}^{(00)}m_{200}^{(22)}m_{110}^{(11)}m_{002}^{(11)}\\
&-2m_{001}^{(00)}m_{200}^{(22)}m_{110}^{(21)}m_{011}^{(11)} - 2m_{001}^{(00)}m_{200}^{(22)}m_{101}^{(11)}m_{011}^{(11)} + 2m_{001}^{(00)}m_{200}^{(22)}m_{101}^{(21)}m_{020}^{(11)}\\
&-m_{001}^{(00)}m_{200}^{(22)}m_{020}^{(10)}m_{011}^{(21)} - m_{001}^{(00)}m_{200}^{(22)}m_{020}^{(10)}m_{002}^{(11)} - m_{001}^{(00)}m_{200}^{(22)}m_{020}^{(11)}m_{011}^{(20)}\\
&-m_{001}^{(00)}m_{200}^{(22)}m_{020}^{(11)}m_{002}^{(10)} + m_{001}^{(00)}m_{200}^{(22)}m_{020}^{(20)}m_{011}^{(11)} + m_{001}^{(00)}m_{200}^{(22)}m_{020}^{(21)}m_{011}^{(10)}\\
&+2m_{001}^{(00)}m_{200}^{(22)}m_{011}^{(10)}m_{011}^{(11)} - 3m_{001}^{(00)}m_{110}^{(10)}m_{110}^{(21)}m_{011}^{(22)} + 3m_{001}^{(00)}m_{110}^{(10)}m_{110}^{(22)}m_{011}^{(21)}\\
&+m_{001}^{(00)}m_{110}^{(10)}m_{101}^{(11)}m_{011}^{(22)} + m_{001}^{(00)}m_{110}^{(10)}m_{101}^{(21)}m_{020}^{(22)} - m_{001}^{(00)}m_{110}^{(10)}m_{101}^{(22)}m_{020}^{(21)}\\
&-m_{001}^{(00)}m_{110}^{(10)}m_{101}^{(22)}m_{011}^{(11)} + 2m_{001}^{(00)}m_{110}^{(10)}m_{020}^{(21)}m_{002}^{(20)} - 2m_{001}^{(00)}m_{110}^{(10)}m_{020}^{(22)}m_{002}^{(10)}\\
&+2m_{001}^{(00)}m_{110}^{(10)}m_{011}^{(10)}m_{011}^{(22)} - 2m_{001}^{(00)}m_{110}^{(10)}m_{011}^{(20)}m_{011}^{(21)} + m_{001}^{(00)}m_{110}^{(11)}m_{110}^{(20)}m_{011}^{(22)}\\
&+2m_{001}^{(00)}m_{110}^{(11)}m_{110}^{(21)}m_{101}^{(22)} - 4m_{001}^{(00)}m_{110}^{(11)}m_{110}^{(22)}m_{101}^{(21)} + m_{001}^{(00)}m_{110}^{(11)}m_{110}^{(22)}m_{011}^{(20)}\\
&+m_{001}^{(00)}m_{110}^{(11)}m_{101}^{(10)}m_{011}^{(22)} - 2m_{001}^{(00)}m_{110}^{(11)}m_{101}^{(11)}m_{101}^{(22)} - m_{001}^{(00)}m_{110}^{(11)}m_{101}^{(20)}m_{020}^{(22)}\\
&-m_{001}^{(00)}m_{110}^{(11)}m_{101}^{(20)}m_{011}^{(21)} + 4m_{001}^{(00)}m_{110}^{(11)}(m_{101}^{(21)})^2 + m_{001}^{(00)}m_{110}^{(11)}m_{101}^{(21)}m_{011}^{(20)}\\
&-m_{001}^{(00)}m_{110}^{(11)}m_{101}^{(22)}m_{020}^{(20)} - m_{001}^{(00)}m_{110}^{(11)}m_{101}^{(22)}m_{011}^{(10)} + 2m_{001}^{(00)}m_{110}^{(11)}m_{020}^{(20)}m_{002}^{(20)}\\
&-2m_{001}^{(00)}m_{110}^{(11)}(m_{011}^{(20)})^2 + m_{001}^{(00)}m_{110}^{(20)}m_{110}^{(21)}m_{011}^{(21)} - 2m_{001}^{(00)}m_{110}^{(20)}m_{110}^{(22)}m_{011}^{(11)}\\
&-2m_{001}^{(00)}m_{110}^{(20)}m_{101}^{(11)}m_{011}^{(21)} - m_{001}^{(00)}m_{110}^{(20)}m_{101}^{(21)}m_{020}^{(21)} + 2m_{001}^{(00)}m_{110}^{(20)}m_{101}^{(21)}m_{011}^{(11)}\\
&+m_{001}^{(00)}m_{110}^{(20)}m_{101}^{(22)}m_{020}^{(11)} - 2m_{001}^{(00)}m_{110}^{(20)}m_{020}^{(11)}m_{002}^{(20)} + 2m_{001}^{(00)}m_{110}^{(20)}m_{020}^{(21)}m_{002}^{(10)}\\
&-2m_{001}^{(00)}m_{110}^{(20)}m_{011}^{(10)}m_{011}^{(21)} + 2m_{001}^{(00)}m_{110}^{(20)}m_{011}^{(11)}m_{011}^{(20)} - m_{001}^{(00)}(m_{110}^{(21)})^2m_{011}^{(20)}\\
&+2m_{001}^{(00)}m_{110}^{(21)}m_{110}^{(22)}m_{101}^{(11)} + 2m_{001}^{(00)}m_{110}^{(21)}m_{101}^{(10)}m_{020}^{(22)} - m_{001}^{(00)}m_{110}^{(21)}m_{101}^{(10)}m_{011}^{(21)}\\
&-4m_{001}^{(00)}m_{110}^{(21)}m_{101}^{(11)}m_{101}^{(21)} - m_{001}^{(00)}m_{110}^{(21)}m_{101}^{(11)}m_{011}^{(20)} + m_{001}^{(00)}m_{110}^{(21)}m_{101}^{(20)}m_{011}^{(11)}\\
&+m_{001}^{(00)}m_{110}^{(21)}m_{101}^{(21)}m_{020}^{(20)} + m_{001}^{(00)}m_{110}^{(21)}m_{101}^{(21)}m_{011}^{(10)} + m_{001}^{(00)}m_{110}^{(21)}m_{101}^{(22)}m_{020}^{(10)}\\
&-2m_{001}^{(00)}m_{110}^{(21)}m_{020}^{(10)}m_{002}^{(20)} - 2m_{001}^{(00)}m_{110}^{(21)}m_{020}^{(20)}m_{002}^{(10)} + 4m_{001}^{(00)}m_{110}^{(21)}m_{011}^{(10)}m_{011}^{(20)}\\
&-2m_{001}^{(00)}m_{110}^{(22)}m_{101}^{(10)}m_{020}^{(21)} + 2m_{001}^{(00)}m_{110}^{(22)}(m_{101}^{(11)})^2 + m_{001}^{(00)}m_{110}^{(22)}m_{101}^{(20)}m_{020}^{(11)}
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\begin{aligned}
&-m_{001}^{(00)}m_{110}^{(22)}m_{101}^{(21)}m_{020}^{(10)}+2m_{001}^{(00)}m_{110}^{(22)}m_{020}^{(10)}m_{002}^{(10)}-2m_{001}^{(00)}m_{110}^{(22)}(m_{011}^{(10)})^2\\
&-2m_{001}^{(00)}m_{101}^{(10)}m_{101}^{(11)}m_{020}^{(22)}+m_{001}^{(00)}m_{101}^{(10)}m_{101}^{(21)}m_{020}^{(21)}+m_{001}^{(00)}m_{101}^{(10)}m_{101}^{(22)}m_{020}^{(11)}\\
&-2m_{001}^{(00)}m_{101}^{(10)}m_{020}^{(10)}m_{011}^{(22)}+2m_{001}^{(00)}m_{101}^{(10)}m_{020}^{(20)}m_{011}^{(21)}-2m_{001}^{(00)}m_{101}^{(10)}m_{020}^{(21)}m_{011}^{(20)}\\
&+2m_{001}^{(00)}m_{101}^{(10)}m_{020}^{(22)}m_{011}^{(10)}+3m_{001}^{(00)}m_{101}^{(11)}m_{101}^{(20)}m_{020}^{(21)}+m_{001}^{(00)}m_{101}^{(11)}m_{101}^{(22)}m_{020}^{(10)}\\
&-3m_{001}^{(00)}m_{101}^{(20)}m_{101}^{(21)}m_{020}^{(11)}+2m_{001}^{(00)}m_{101}^{(20)}m_{020}^{(10)}m_{011}^{(21)}+2m_{001}^{(00)}m_{101}^{(20)}m_{020}^{(11)}m_{011}^{(20)}\\
&-2m_{001}^{(00)}m_{101}^{(20)}m_{020}^{(20)}m_{011}^{(11)}-2m_{001}^{(00)}m_{101}^{(20)}m_{020}^{(21)}m_{011}^{(10)}-m_{001}^{(00)}(m_{101}^{(21)})^2m_{020}^{(10)}\\
&-2m_{001}^{(10)}m_{200}^{(00)}m_{020}^{(21)}m_{011}^{(22)}+m_{001}^{(10)}m_{200}^{(00)}m_{020}^{(21)}m_{002}^{(21)}+2m_{001}^{(10)}m_{200}^{(00)}m_{020}^{(22)}m_{011}^{(21)}\\
&-m_{001}^{(10)}m_{200}^{(00)}m_{020}^{(22)}m_{002}^{(11)}+m_{001}^{(10)}m_{200}^{(00)}m_{011}^{(11)}m_{011}^{(22)}-m_{001}^{(10)}m_{200}^{(00)}(m_{011}^{(21)})^2\\
&+3m_{001}^{(10)}m_{200}^{(10)}m_{110}^{(21)}m_{011}^{(22)}-6m_{001}^{(10)}m_{200}^{(10)}m_{110}^{(21)}m_{002}^{(21)}+m_{001}^{(10)}m_{200}^{(10)}m_{110}^{(22)}m_{011}^{(21)}\\
&+2m_{001}^{(10)}m_{200}^{(10)}m_{110}^{(22)}m_{002}^{(11)}-3m_{001}^{(10)}m_{200}^{(10)}m_{101}^{(21)}m_{020}^{(22)}+6m_{001}^{(10)}m_{200}^{(10)}m_{101}^{(21)}m_{011}^{(21)}\\
&-m_{001}^{(10)}m_{200}^{(10)}m_{101}^{(22)}m_{020}^{(21)}-2m_{001}^{(10)}m_{200}^{(10)}m_{101}^{(22)}m_{011}^{(11)}-2m_{001}^{(10)}m_{200}^{(10)}m_{020}^{(20)}m_{011}^{(22)}\\
&+3m_{001}^{(10)}m_{200}^{(10)}m_{020}^{(20)}m_{002}^{(21)}+3m_{001}^{(10)}m_{200}^{(10)}m_{020}^{(21)}m_{002}^{(20)}+2m_{001}^{(10)}m_{200}^{(10)}m_{020}^{(22)}m_{011}^{(20)}\\
&-2m_{001}^{(10)}m_{200}^{(10)}m_{020}^{(22)}m_{002}^{(10)}+2m_{001}^{(10)}m_{200}^{(10)}m_{011}^{(10)}m_{011}^{(22)}-6m_{001}^{(10)}m_{200}^{(10)}m_{011}^{(20)}m_{011}^{(21)}\\
&+m_{001}^{(10)}m_{200}^{(11)}m_{110}^{(20)}m_{011}^{(22)}-2m_{001}^{(10)}m_{200}^{(11)}m_{110}^{(20)}m_{002}^{(21)}-m_{001}^{(10)}m_{200}^{(11)}m_{110}^{(22)}m_{011}^{(20)}\\
&+2m_{001}^{(10)}m_{200}^{(11)}m_{110}^{(22)}m_{002}^{(10)}-m_{001}^{(10)}m_{200}^{(11)}m_{101}^{(20)}m_{020}^{(22)}+2m_{001}^{(10)}m_{200}^{(11)}m_{101}^{(20)}m_{011}^{(21)}\\
&+m_{001}^{(10)}m_{200}^{(11)}m_{101}^{(22)}m_{020}^{(20)}-2m_{001}^{(10)}m_{200}^{(11)}m_{101}^{(22)}m_{011}^{(10)}+m_{001}^{(10)}m_{200}^{(11)}m_{020}^{(20)}m_{002}^{(20)}\\
&-m_{001}^{(10)}m_{200}^{(11)}m_{020}^{(22)}m_{002}^{(00)}+m_{001}^{(10)}m_{200}^{(11)}m_{011}^{(00)}m_{011}^{(22)}-m_{001}^{(10)}m_{200}^{(11)}(m_{011}^{(20)})^2\\
&-m_{001}^{(10)}m_{200}^{(20)}m_{110}^{(11)}m_{011}^{(22)}+2m_{001}^{(10)}m_{200}^{(20)}m_{110}^{(11)}m_{002}^{(21)}-m_{001}^{(10)}m_{200}^{(20)}m_{110}^{(21)}m_{011}^{(21)}\\
&+2m_{001}^{(10)}m_{200}^{(20)}m_{110}^{(21)}m_{002}^{(11)}-2m_{001}^{(10)}m_{200}^{(20)}m_{110}^{(22)}m_{011}^{(11)}+m_{001}^{(10)}m_{200}^{(20)}m_{101}^{(11)}m_{020}^{(22)}\\
&-2m_{001}^{(10)}m_{200}^{(20)}m_{101}^{(11)}m_{011}^{(21)}+m_{001}^{(10)}m_{200}^{(20)}m_{101}^{(21)}m_{020}^{(21)}-2m_{001}^{(10)}m_{200}^{(20)}m_{101}^{(21)}m_{011}^{(11)}\\
&+2m_{001}^{(10)}m_{200}^{(20)}m_{101}^{(22)}m_{020}^{(11)}+m_{001}^{(10)}m_{200}^{(20)}m_{020}^{(10)}m_{011}^{(22)}-3m_{001}^{(10)}m_{200}^{(20)}m_{020}^{(10)}m_{002}^{(21)}\\
&-m_{001}^{(10)}m_{200}^{(20)}m_{020}^{(11)}m_{002}^{(20)}+m_{001}^{(10)}m_{200}^{(20)}m_{020}^{(20)}m_{011}^{(21)}-m_{001}^{(10)}m_{200}^{(20)}m_{020}^{(21)}m_{011}^{(20)}\\
&-m_{001}^{(10)}m_{200}^{(20)}m_{020}^{(22)}m_{011}^{(10)}+3m_{001}^{(10)}m_{200}^{(20)}m_{011}^{(10)}m_{011}^{(21)}+m_{001}^{(10)}m_{200}^{(20)}m_{011}^{(11)}m_{011}^{(20)}\\
&-3m_{001}^{(10)}m_{200}^{(21)}m_{110}^{(10)}m_{011}^{(22)}+6m_{001}^{(10)}m_{200}^{(21)}m_{110}^{(10)}m_{002}^{(21)}+m_{001}^{(10)}m_{200}^{(21)}m_{110}^{(20)}m_{011}^{(21)}\\
&-2m_{001}^{(10)}m_{200}^{(21)}m_{110}^{(20)}m_{002}^{(11)}-2m_{001}^{(10)}m_{200}^{(21)}m_{110}^{(22)}m_{011}^{(10)}+3m_{001}^{(10)}m_{200}^{(21)}m_{101}^{(10)}m_{020}^{(22)}\\
&-6m_{001}^{(10)}m_{200}^{(21)}m_{101}^{(10)}m_{011}^{(21)}-m_{001}^{(10)}m_{200}^{(21)}m_{101}^{(20)}m_{020}^{(21)}+2m_{001}^{(10)}m_{200}^{(21)}m_{101}^{(20)}m_{011}^{(11)}\\
&+2m_{001}^{(10)}m_{200}^{(21)}m_{101}^{(22)}m_{020}^{(10)}-m_{001}^{(10)}m_{200}^{(21)}m_{020}^{(00)}m_{011}^{(22)}-m_{001}^{(10)}m_{200}^{(21)}m_{020}^{(00)}m_{002}^{(21)}\\
&-3m_{001}^{(10)}m_{200}^{(21)}m_{020}^{(10)}m_{002}^{(20)}+m_{001}^{(10)}m_{200}^{(21)}m_{020}^{(22)}m_{011}^{(00)}+m_{001}^{(10)}m_{200}^{(21)}m_{011}^{(00)}m_{011}^{(21)}\\
&+3m_{001}^{(10)}m_{200}^{(21)}m_{011}^{(10)}m_{011}^{(20)}-m_{001}^{(10)}m_{200}^{(22)}m_{110}^{(10)}m_{011}^{(21)}-2m_{001}^{(10)}m_{200}^{(22)}m_{110}^{(10)}m_{002}^{(11)}\\
&+m_{001}^{(10)}m_{200}^{(22)}m_{110}^{(11)}m_{011}^{(20)}-2m_{001}^{(10)}m_{200}^{(22)}m_{110}^{(11)}m_{002}^{(10)}+2m_{001}^{(10)}m_{200}^{(22)}m_{110}^{(20)}m_{011}^{(11)}\\
&+2m_{001}^{(10)}m_{200}^{(22)}m_{110}^{(21)}m_{011}^{(10)}+m_{001}^{(10)}m_{200}^{(22)}m_{101}^{(10)}m_{020}^{(21)}+2m_{001}^{(10)}m_{200}^{(22)}m_{101}^{(10)}m_{011}^{(11)}\\
&-m_{001}^{(10)}m_{200}^{(22)}m_{101}^{(11)}m_{020}^{(20)}+2m_{001}^{(10)}m_{200}^{(22)}m_{101}^{(11)}m_{011}^{(10)}-2m_{001}^{(10)}m_{200}^{(22)}m_{101}^{(20)}m_{020}^{(11)}\\
&-2m_{001}^{(10)}m_{200}^{(22)}m_{101}^{(21)}m_{020}^{(10)}+m_{001}^{(10)}m_{200}^{(22)}m_{020}^{(00)}m_{011}^{(21)}+m_{001}^{(10)}m_{200}^{(22)}m_{020}^{(00)}m_{002}^{(11)}\\
&+3m_{001}^{(10)}m_{200}^{(22)}m_{020}^{(10)}m_{011}^{(20)}+2m_{001}^{(10)}m_{200}^{(22)}m_{020}^{(10)}m_{002}^{(10)}+m_{001}^{(10)}m_{200}^{(22)}m_{020}^{(11)}m_{002}^{(00)}\\
&-3m_{001}^{(10)}m_{200}^{(22)}m_{020}^{(20)}m_{011}^{(10)}-m_{001}^{(10)}m_{200}^{(22)}m_{020}^{(21)}m_{011}^{(00)}-2m_{001}^{(10)}m_{200}^{(22)}m_{020}^{(00)}m_{011}^{(11)}\\
&-2m_{001}^{(10)}m_{200}^{(22)}(m_{011}^{(10)})^2+3m_{001}^{(10)}m_{110}^{(00)}m_{110}^{(21)}m_{011}^{(22)}-3m_{001}^{(10)}m_{110}^{(00)}m_{110}^{(22)}m_{011}^{(21)}\\
&-m_{001}^{(10)}m_{110}^{(00)}m_{101}^{(11)}m_{011}^{(22)}-m_{001}^{(10)}m_{110}^{(00)}m_{101}^{(21)}m_{020}^{(22)}+m_{001}^{(10)}m_{110}^{(00)}m_{101}^{(22)}m_{020}^{(21)}\\
&+m_{001}^{(10)}m_{110}^{(00)}m_{101}^{(22)}m_{011}^{(11)}-2m_{001}^{(10)}m_{110}^{(00)}m_{020}^{(21)}m_{002}^{(20)}+2m_{001}^{(10)}m_{110}^{(00)}m_{020}^{(22)}m_{002}^{(10)}
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\begin{aligned}
&-2m_{001}^{(10)}m_{110}^{(00)}m_{011}^{(10)}m_{011}^{(22)} + 2m_{001}^{(10)}m_{110}^{(00)}m_{011}^{(20)}m_{011}^{(21)} + m_{001}^{(10)}m_{110}^{(10)}m_{110}^{(20)}m_{011}^{(22)}\\
&-m_{001}^{(10)}m_{110}^{(10)}m_{110}^{(21)}m_{101}^{(22)} + 5m_{001}^{(10)}m_{110}^{(10)}m_{110}^{(22)}m_{101}^{(21)} - 5m_{001}^{(10)}m_{110}^{(10)}m_{110}^{(22)}m_{011}^{(20)}\\
&-2m_{001}^{(10)}m_{110}^{(10)}m_{101}^{(10)}m_{011}^{(22)} + 2m_{001}^{(10)}m_{110}^{(10)}m_{101}^{(11)}m_{101}^{(22)} + m_{001}^{(10)}m_{110}^{(10)}m_{101}^{(20)}m_{020}^{(22)}\\
&-6m_{001}^{(10)}m_{110}^{(10)}(m_{101}^{(21)})^2 + 3m_{001}^{(10)}m_{110}^{(10)}m_{101}^{(22)}m_{020}^{(20)} + 2m_{001}^{(10)}m_{110}^{(10)}m_{101}^{(22)}m_{011}^{(10)}\\
&-6m_{001}^{(10)}m_{110}^{(10)}m_{020}^{(20)}m_{002}^{(20)} + 2m_{001}^{(10)}m_{110}^{(10)}m_{020}^{(22)}m_{002}^{(00)} - 2m_{001}^{(10)}m_{110}^{(10)}m_{011}^{(00)}m_{011}^{(22)}\\
&+6m_{001}^{(10)}m_{110}^{(10)}(m_{011}^{(20)})^2 - 3m_{001}^{(10)}m_{110}^{(11)}m_{110}^{(20)}m_{101}^{(22)} + 3m_{001}^{(10)}m_{110}^{(11)}m_{110}^{(22)}m_{101}^{(20)}\\
&-m_{001}^{(10)}m_{110}^{(11)}m_{101}^{(00)}m_{011}^{(22)} + 2m_{001}^{(10)}m_{110}^{(11)}m_{101}^{(10)}m_{101}^{(22)} - 2m_{001}^{(10)}m_{110}^{(11)}m_{101}^{(20)}m_{101}^{(21)}\\
&+m_{001}^{(10)}m_{110}^{(11)}m_{101}^{(22)}m_{011}^{(00)} - m_{001}^{(10)}(m_{110}^{(20)})^2m_{011}^{(21)} - m_{001}^{(10)}m_{110}^{(20)}m_{110}^{(21)}m_{101}^{(21)}\\
&+m_{001}^{(10)}m_{110}^{(20)}m_{110}^{(21)}m_{011}^{(20)} + 4m_{001}^{(10)}m_{110}^{(20)}m_{110}^{(22)}m_{011}^{(10)} - 2m_{001}^{(10)}m_{110}^{(20)}m_{101}^{(10)}m_{020}^{(22)}\\
&+3m_{001}^{(10)}m_{110}^{(20)}m_{101}^{(10)}m_{011}^{(21)} + 4m_{001}^{(10)}m_{110}^{(20)}m_{101}^{(11)}m_{101}^{(21)} + m_{001}^{(10)}m_{110}^{(20)}m_{101}^{(11)}m_{011}^{(20)}\\
&+m_{001}^{(10)}m_{110}^{(20)}m_{101}^{(20)}m_{020}^{(21)} - m_{001}^{(10)}m_{110}^{(20)}m_{101}^{(20)}m_{011}^{(11)} - 3m_{001}^{(10)}m_{110}^{(20)}m_{101}^{(21)}m_{011}^{(10)}\\
&-3m_{001}^{(10)}m_{110}^{(20)}m_{101}^{(22)}m_{020}^{(10)} + 6m_{001}^{(10)}m_{110}^{(20)}m_{020}^{(10)}m_{002}^{(20)} - 2m_{001}^{(10)}m_{110}^{(20)}m_{020}^{(21)}m_{002}^{(00)}\\
&+2m_{001}^{(10)}m_{110}^{(20)}m_{011}^{(00)}m_{011}^{(21)} - 6m_{001}^{(10)}m_{110}^{(20)}m_{011}^{(10)}m_{011}^{(20)} + m_{001}^{(10)}(m_{110}^{(21)})^2m_{101}^{(20)}\\
&-4m_{001}^{(10)}m_{110}^{(21)}m_{110}^{(22)}m_{101}^{(10)} - 2m_{001}^{(10)}m_{110}^{(21)}m_{101}^{(00)}m_{020}^{(22)} + m_{001}^{(10)}m_{110}^{(21)}m_{101}^{(00)}m_{011}^{(21)}\\
&+6m_{001}^{(10)}m_{110}^{(21)}m_{101}^{(10)}m_{101}^{(21)} + 3m_{001}^{(10)}m_{110}^{(21)}m_{101}^{(10)}m_{011}^{(20)} - 2m_{001}^{(10)}m_{110}^{(21)}m_{101}^{(11)}m_{101}^{(20)}\\
&-m_{001}^{(10)}m_{110}^{(21)}m_{101}^{(20)}m_{020}^{(20)} - 3m_{001}^{(10)}m_{110}^{(21)}m_{101}^{(20)}m_{011}^{(10)} - m_{001}^{(10)}m_{110}^{(21)}m_{101}^{(21)}m_{011}^{(00)}\\
&-m_{001}^{(10)}m_{110}^{(21)}m_{101}^{(22)}m_{020}^{(00)} + 2m_{001}^{(10)}m_{110}^{(21)}m_{020}^{(00)}m_{002}^{(20)} + 2m_{001}^{(10)}m_{110}^{(21)}m_{020}^{(20)}m_{002}^{(00)}\\
&-4m_{001}^{(10)}m_{110}^{(21)}m_{011}^{(00)}m_{011}^{(20)} + 2m_{001}^{(10)}m_{110}^{(22)}m_{101}^{(00)}m_{020}^{(21)} - 4m_{001}^{(10)}m_{110}^{(22)}m_{101}^{(10)}m_{101}^{(11)}\\
&+2m_{001}^{(10)}m_{110}^{(22)}m_{101}^{(10)}m_{020}^{(20)} - m_{001}^{(10)}m_{110}^{(22)}m_{101}^{(20)}m_{020}^{(10)} + m_{001}^{(10)}m_{110}^{(22)}m_{101}^{(21)}m_{020}^{(00)}\\
&-2m_{001}^{(10)}m_{110}^{(22)}m_{020}^{(00)}m_{002}^{(10)} - 2m_{001}^{(10)}m_{110}^{(22)}m_{020}^{(10)}m_{002}^{(00)} + 4m_{001}^{(10)}m_{110}^{(22)}m_{011}^{(00)}m_{011}^{(10)}\\
&+2m_{001}^{(10)}m_{101}^{(00)}m_{101}^{(11)}m_{020}^{(22)} - m_{001}^{(10)}m_{101}^{(00)}m_{101}^{(21)}m_{020}^{(21)} - m_{001}^{(10)}m_{101}^{(00)}m_{101}^{(22)}m_{020}^{(11)}\\
&+2m_{001}^{(10)}m_{101}^{(00)}m_{020}^{(10)}m_{011}^{(22)} - 2m_{001}^{(10)}m_{101}^{(00)}m_{020}^{(20)}m_{011}^{(21)} + 2m_{001}^{(10)}m_{101}^{(00)}m_{020}^{(21)}m_{011}^{(20)}\\
&-2m_{001}^{(10)}m_{101}^{(00)}m_{020}^{(22)}m_{011}^{(10)} + 2m_{001}^{(10)}(m_{101}^{(10)})^2m_{020}^{(22)} - 3m_{001}^{(10)}m_{101}^{(10)}m_{101}^{(20)}m_{020}^{(21)}\\
&-3m_{001}^{(10)}m_{101}^{(10)}m_{101}^{(21)}m_{020}^{(20)} - 2m_{001}^{(10)}m_{101}^{(10)}m_{101}^{(22)}m_{020}^{(10)} + 2m_{001}^{(10)}m_{101}^{(10)}m_{020}^{(00)}m_{011}^{(22)}\\
&-2m_{001}^{(10)}m_{101}^{(10)}m_{020}^{(22)}m_{011}^{(00)} - m_{001}^{(10)}m_{101}^{(11)}m_{101}^{(20)}m_{020}^{(20)} - m_{001}^{(10)}m_{101}^{(11)}m_{101}^{(22)}m_{020}^{(00)}\\
&+m_{001}^{(10)}(m_{101}^{(20)})^2m_{020}^{(11)} + 6m_{001}^{(10)}m_{101}^{(20)}m_{101}^{(21)}m_{020}^{(10)} - 2m_{001}^{(10)}m_{101}^{(20)}m_{020}^{(00)}m_{011}^{(21)}\\
&-6m_{001}^{(10)}m_{101}^{(20)}m_{020}^{(10)}m_{011}^{(20)} + 6m_{001}^{(10)}m_{101}^{(20)}m_{020}^{(20)}m_{011}^{(10)} + 2m_{001}^{(10)}m_{101}^{(20)}m_{020}^{(21)}m_{011}^{(00)}\\
&+m_{001}^{(10)}(m_{101}^{(21)})^2m_{020}^{(00)} - m_{001}^{(11)}m_{200}^{(00)}m_{110}^{(21)}m_{011}^{(22)} + 2m_{001}^{(11)}m_{200}^{(00)}m_{110}^{(21)}m_{002}^{(21)}\\
&-m_{001}^{(11)}m_{200}^{(00)}m_{110}^{(22)}m_{011}^{(21)} + m_{001}^{(11)}m_{200}^{(00)}m_{101}^{(21)}m_{020}^{(22)} - 2m_{001}^{(11)}m_{200}^{(00)}m_{101}^{(21)}m_{011}^{(21)}\\
&+m_{001}^{(11)}m_{200}^{(00)}m_{101}^{(22)}m_{020}^{(21)} + 2m_{001}^{(11)}m_{200}^{(00)}m_{020}^{(20)}m_{011}^{(22)} - 2m_{001}^{(11)}m_{200}^{(00)}m_{020}^{(20)}m_{002}^{(21)}\\
&-m_{001}^{(11)}m_{200}^{(00)}m_{020}^{(21)}m_{002}^{(20)} - 2m_{001}^{(11)}m_{200}^{(00)}m_{020}^{(22)}m_{011}^{(20)} + m_{001}^{(11)}m_{200}^{(00)}m_{020}^{(22)}m_{002}^{(10)}\\
&-m_{001}^{(11)}m_{200}^{(00)}m_{011}^{(10)}m_{011}^{(22)} + 3m_{001}^{(11)}m_{200}^{(00)}m_{011}^{(20)}m_{011}^{(21)} - m_{001}^{(11)}m_{200}^{(10)}m_{110}^{(20)}m_{011}^{(22)}\\
&+2m_{001}^{(11)}m_{200}^{(10)}m_{110}^{(20)}m_{002}^{(21)} + m_{001}^{(11)}m_{200}^{(10)}m_{110}^{(22)}m_{011}^{(20)} - 2m_{001}^{(11)}m_{200}^{(10)}m_{110}^{(22)}m_{002}^{(10)}\\
&+m_{001}^{(11)}m_{200}^{(10)}m_{101}^{(20)}m_{020}^{(22)} - 2m_{001}^{(11)}m_{200}^{(10)}m_{101}^{(20)}m_{011}^{(21)} - m_{001}^{(11)}m_{200}^{(10)}m_{101}^{(22)}m_{020}^{(20)}\\
&+2m_{001}^{(11)}m_{200}^{(10)}m_{101}^{(22)}m_{011}^{(10)} - m_{001}^{(11)}m_{200}^{(10)}m_{020}^{(20)}m_{002}^{(20)} + m_{001}^{(11)}m_{200}^{(10)}m_{020}^{(22)}m_{002}^{(00)}\\
&-m_{001}^{(11)}m_{200}^{(10)}m_{011}^{(00)}m_{011}^{(22)} + m_{001}^{(11)}m_{200}^{(10)}(m_{011}^{(20)})^2 + m_{001}^{(11)}m_{200}^{(20)}m_{110}^{(10)}m_{011}^{(22)}\\
&-2m_{001}^{(11)}m_{200}^{(20)}m_{110}^{(10)}m_{002}^{(21)} + m_{001}^{(11)}m_{200}^{(20)}m_{110}^{(21)}m_{011}^{(20)} - 2m_{001}^{(11)}m_{200}^{(20)}m_{110}^{(21)}m_{002}^{(10)}\\
&+2m_{001}^{(11)}m_{200}^{(20)}m_{110}^{(22)}m_{011}^{(10)} - m_{001}^{(11)}m_{200}^{(20)}m_{101}^{(10)}m_{020}^{(22)} + 2m_{001}^{(11)}m_{200}^{(20)}m_{101}^{(10)}m_{011}^{(21)}
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&-m_{001}^{(11)}m_{200}^{(20)}m_{101}^{(21)}m_{020}^{(20)}+2m_{001}^{(11)}m_{200}^{(20)}m_{101}^{(21)}m_{011}^{(10)}-2m_{001}^{(11)}m_{200}^{(20)}m_{101}^{(22)}m_{020}^{(10)}\\
&+2m_{001}^{(11)}m_{200}^{(20)}m_{020}^{(00)}m_{002}^{(21)}+m_{001}^{(11)}m_{200}^{(20)}m_{020}^{(10)}m_{002}^{(20)}+m_{001}^{(11)}m_{200}^{(20)}m_{020}^{(21)}m_{002}^{(00)}\\
&-3m_{001}^{(11)}m_{200}^{(20)}m_{011}^{(00)}m_{011}^{(21)}-m_{001}^{(11)}m_{200}^{(20)}m_{011}^{(10)}m_{011}^{(20)}+m_{001}^{(11)}m_{200}^{(21)}m_{110}^{(00)}m_{011}^{(22)}\\
&-2m_{001}^{(11)}m_{200}^{(21)}m_{110}^{(00)}m_{002}^{(21)}-m_{001}^{(11)}m_{200}^{(21)}m_{110}^{(20)}m_{011}^{(20)}+2m_{001}^{(11)}m_{200}^{(21)}m_{110}^{(20)}m_{002}^{(10)}\\
&-m_{001}^{(11)}m_{200}^{(21)}m_{101}^{(00)}m_{020}^{(22)}+2m_{001}^{(11)}m_{200}^{(21)}m_{101}^{(00)}m_{011}^{(21)}+m_{001}^{(11)}m_{200}^{(21)}m_{101}^{(20)}m_{020}^{(20)}\\
&-2m_{001}^{(11)}m_{200}^{(21)}m_{101}^{(20)}m_{011}^{(10)}+m_{001}^{(11)}m_{200}^{(21)}m_{020}^{(00)}m_{002}^{(20)}-m_{001}^{(11)}m_{200}^{(21)}m_{020}^{(20)}m_{002}^{(00)}\\
&+m_{001}^{(11)}m_{200}^{(22)}m_{110}^{(00)}m_{011}^{(21)}-m_{001}^{(11)}m_{200}^{(22)}m_{110}^{(10)}m_{011}^{(20)}+2m_{001}^{(11)}m_{200}^{(22)}m_{110}^{(10)}m_{002}^{(10)}\\
&-2m_{001}^{(11)}m_{200}^{(22)}m_{110}^{(20)}m_{011}^{(10)}-m_{001}^{(11)}m_{200}^{(22)}m_{101}^{(00)}m_{020}^{(21)}+m_{001}^{(11)}m_{200}^{(22)}m_{101}^{(10)}m_{020}^{(20)}\\
&-2m_{001}^{(11)}m_{200}^{(22)}m_{101}^{(10)}m_{011}^{(10)}+2m_{001}^{(11)}m_{200}^{(22)}m_{101}^{(20)}m_{020}^{(10)}-2m_{001}^{(11)}m_{200}^{(22)}m_{101}^{(00)}m_{020}^{(20)}m_{011}\\
&-m_{001}^{(11)}m_{200}^{(22)}m_{020}^{(00)}m_{002}^{(10)}-m_{001}^{(11)}m_{200}^{(22)}m_{020}^{(10)}m_{002}^{(00)}+2m_{001}^{(11)}m_{200}^{(22)}m_{020}^{(20)}m_{011}^{(00)}\\
&+2m_{001}^{(11)}m_{200}^{(22)}m_{011}^{(00)}m_{011}^{(10)}-2m_{001}^{(11)}m_{110}^{(00)}m_{110}^{(20)}m_{011}^{(22)}-m_{001}^{(11)}m_{110}^{(00)}m_{110}^{(21)}m_{101}^{(22)}\\
&-m_{001}^{(11)}m_{110}^{(00)}m_{110}^{(22)}m_{101}^{(21)}+4m_{001}^{(11)}m_{110}^{(00)}m_{110}^{(22)}m_{011}^{(20)}+m_{001}^{(11)}m_{110}^{(00)}m_{101}^{(10)}m_{011}^{(22)}\\
&+m_{001}^{(11)}m_{110}^{(00)}m_{101}^{(20)}m_{011}^{(21)}+2m_{001}^{(11)}m_{110}^{(00)}(m_{101}^{(21)})^2-m_{001}^{(11)}m_{110}^{(00)}m_{101}^{(21)}m_{011}^{(20)}\\
&-2m_{001}^{(11)}m_{110}^{(00)}m_{101}^{(22)}m_{020}^{(20)}-m_{001}^{(11)}m_{110}^{(00)}m_{101}^{(22)}m_{011}^{(10)}+4m_{001}^{(11)}m_{110}^{(00)}m_{020}^{(20)}m_{002}^{(20)}\\
&-2m_{001}^{(11)}m_{110}^{(00)}m_{020}^{(22)}m_{002}^{(00)}+2m_{001}^{(11)}m_{110}^{(00)}m_{011}^{(00)}m_{011}^{(22)}-4m_{001}^{(11)}m_{110}^{(00)}(m_{011}^{(20)})^2\\
&+3m_{001}^{(11)}m_{110}^{(10)}m_{110}^{(20)}m_{101}^{(22)}-3m_{001}^{(11)}m_{110}^{(10)}m_{110}^{(22)}m_{101}^{(20)}+m_{001}^{(11)}m_{110}^{(10)}m_{101}^{(00)}m_{011}^{(22)}\\
&-2m_{001}^{(11)}m_{110}^{(10)}m_{101}^{(10)}m_{101}^{(22)}+2m_{001}^{(11)}m_{110}^{(10)}m_{101}^{(20)}m_{101}^{(21)}-m_{001}^{(11)}m_{110}^{(10)}m_{101}^{(22)}m_{011}^{(00)}\\
&+m_{001}^{(11)}(m_{110}^{(20)})^2m_{101}^{(21)}-m_{001}^{(11)}m_{110}^{(20)}m_{110}^{(21)}m_{101}^{(20)}-2m_{001}^{(11)}m_{110}^{(20)}m_{110}^{(22)}m_{011}^{(00)}\\
&+2m_{001}^{(11)}m_{110}^{(20)}m_{101}^{(00)}m_{020}^{(22)}-m_{001}^{(11)}m_{110}^{(20)}m_{101}^{(00)}m_{011}^{(21)}-4m_{001}^{(11)}m_{110}^{(20)}m_{101}^{(10)}m_{101}^{(21)}\\
&-m_{001}^{(11)}m_{110}^{(20)}m_{101}^{(10)}m_{011}^{(20)}+m_{001}^{(11)}m_{110}^{(20)}m_{101}^{(20)}m_{011}^{(10)}+m_{001}^{(11)}m_{110}^{(20)}m_{101}^{(21)}m_{011}^{(00)}\\
&+2m_{001}^{(11)}m_{110}^{(20)}m_{101}^{(22)}m_{020}^{(00)}-4m_{001}^{(11)}m_{110}^{(20)}m_{020}^{(00)}m_{002}^{(20)}+4m_{001}^{(11)}m_{110}^{(20)}m_{011}^{(00)}m_{011}^{(20)}\\
&+2m_{001}^{(11)}m_{110}^{(21)}m_{110}^{(22)}m_{101}^{(00)}-2m_{001}^{(11)}m_{110}^{(21)}m_{110}^{(00)}m_{101}^{(21)}-2m_{001}^{(11)}m_{110}^{(21)}m_{101}^{(00)}m_{011}^{(20)}\\
&+2m_{001}^{(11)}m_{110}^{(21)}m_{101}^{(10)}m_{101}^{(20)}+2m_{001}^{(11)}m_{110}^{(21)}m_{101}^{(20)}m_{011}^{(00)}-2m_{001}^{(11)}m_{110}^{(22)}m_{101}^{(00)}m_{020}^{(20)}\\
&+2m_{001}^{(11)}m_{110}^{(22)}(m_{101}^{(10)})^2+2m_{001}^{(11)}m_{110}^{(22)}m_{020}^{(00)}m_{002}^{(00)}-2m_{001}^{(11)}m_{110}^{(22)}(m_{011}^{(00)})^2\\
&-2m_{001}^{(11)}m_{101}^{(00)}m_{101}^{(10)}m_{020}^{(22)}+3m_{001}^{(11)}m_{101}^{(00)}m_{101}^{(21)}m_{020}^{(20)}+m_{001}^{(11)}m_{101}^{(00)}m_{101}^{(22)}m_{020}^{(10)}\\
&-2m_{001}^{(11)}m_{101}^{(00)}m_{020}^{(00)}m_{011}^{(22)}+2m_{001}^{(11)}m_{101}^{(00)}m_{020}^{(22)}m_{011}^{(00)}+m_{001}^{(11)}m_{101}^{(10)}m_{101}^{(20)}m_{020}^{(20)}\\
&+m_{001}^{(11)}m_{101}^{(10)}m_{101}^{(22)}m_{020}^{(00)}-m_{001}^{(11)}(m_{101}^{(20)})^2m_{020}^{(10)}-3m_{001}^{(11)}m_{101}^{(20)}m_{101}^{(21)}m_{020}^{(00)}\\
&+4m_{001}^{(11)}m_{101}^{(20)}m_{020}^{(00)}m_{011}^{(20)}-4m_{001}^{(11)}m_{101}^{(20)}m_{020}^{(20)}m_{011}^{(00)}+m_{001}^{(20)}m_{200}^{(00)}m_{020}^{(11)}m_{011}^{(22)}\\
&-m_{001}^{(20)}m_{200}^{(00)}m_{020}^{(11)}m_{002}^{(21)}+m_{001}^{(20)}m_{200}^{(00)}m_{020}^{(21)}m_{002}^{(11)}-m_{001}^{(20)}m_{200}^{(00)}m_{020}^{(22)}m_{011}^{(11)}\\
&-2m_{001}^{(20)}m_{200}^{(10)}m_{110}^{(11)}m_{011}^{(22)}+4m_{001}^{(20)}m_{200}^{(10)}m_{110}^{(11)}m_{002}^{(21)}-m_{001}^{(20)}m_{200}^{(10)}m_{110}^{(21)}m_{011}^{(21)}\\
&-m_{001}^{(20)}m_{200}^{(10)}m_{110}^{(22)}m_{011}^{(11)}+2m_{001}^{(20)}m_{200}^{(10)}m_{101}^{(11)}m_{020}^{(22)}-4m_{001}^{(20)}m_{200}^{(10)}m_{101}^{(11)}m_{011}^{(21)}\\
&+m_{001}^{(20)}m_{200}^{(10)}m_{101}^{(21)}m_{020}^{(21)}+m_{001}^{(20)}m_{200}^{(10)}m_{101}^{(22)}m_{020}^{(11)}-m_{001}^{(20)}m_{200}^{(10)}m_{020}^{(10)}m_{011}^{(22)}\\
&-2m_{001}^{(20)}m_{200}^{(10)}m_{020}^{(11)}m_{002}^{(20)}+3m_{001}^{(20)}m_{200}^{(10)}m_{020}^{(20)}m_{011}^{(21)}-3m_{001}^{(20)}m_{200}^{(10)}m_{020}^{(20)}m_{002}^{(11)}\\
&-3m_{001}^{(20)}m_{200}^{(10)}m_{020}^{(21)}m_{011}^{(20)}+m_{001}^{(20)}m_{200}^{(10)}m_{020}^{(21)}m_{002}^{(10)}+m_{001}^{(20)}m_{200}^{(10)}m_{020}^{(22)}m_{011}^{(10)}\\
&-m_{001}^{(20)}m_{200}^{(10)}m_{011}^{(10)}m_{011}^{(21)}+5m_{001}^{(20)}m_{200}^{(10)}m_{011}^{(11)}m_{011}^{(20)}+2m_{001}^{(20)}m_{200}^{(11)}m_{110}^{(10)}m_{011}^{(22)}\\
&-4m_{001}^{(20)}m_{200}^{(11)}m_{110}^{(10)}m_{002}^{(21)}-m_{001}^{(20)}m_{200}^{(11)}m_{110}^{(20)}m_{011}^{(21)}+4m_{001}^{(20)}m_{200}^{(11)}m_{110}^{(20)}m_{002}^{(11)}\\
&+2m_{001}^{(20)}m_{200}^{(11)}m_{110}^{(21)}m_{011}^{(20)}-4m_{001}^{(20)}m_{200}^{(11)}m_{110}^{(21)}m_{002}^{(10)}+m_{001}^{(20)}m_{200}^{(11)}m_{110}^{(22)}m_{011}^{(10)}\\
&-2m_{001}^{(20)}m_{200}^{(11)}m_{101}^{(10)}m_{020}^{(22)}+4m_{001}^{(20)}m_{200}^{(11)}m_{101}^{(10)}m_{011}^{(21)}+m_{001}^{(20)}m_{200}^{(11)}m_{101}^{(20)}m_{020}^{(21)}
\end{aligned}
$$

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\begin{aligned}
&-4m_{001}^{(20)}m_{200}^{(11)}m_{101}^{(20)}m_{011}^{(11)} - 2m_{001}^{(20)}m_{200}^{(11)}m_{101}^{(21)}m_{020}^{(20)} + 4m_{001}^{(20)}m_{200}^{(11)}m_{101}^{(21)}m_{011}^{(10)}\\
&-m_{001}^{(20)}m_{200}^{(11)}m_{101}^{(22)}m_{020}^{(10)} + m_{001}^{(20)}m_{200}^{(11)}m_{020}^{(00)}m_{002}^{(21)} + 2m_{001}^{(20)}m_{200}^{(11)}m_{020}^{(10)}m_{002}^{(20)}\\
&-m_{001}^{(20)}m_{200}^{(11)}m_{020}^{(20)}m_{002}^{(10)} + 2m_{001}^{(20)}m_{200}^{(11)}m_{020}^{(21)}m_{002}^{(00)} - 3m_{001}^{(20)}m_{200}^{(11)}m_{011}^{(00)}m_{011}^{(21)}\\
&-m_{001}^{(20)}m_{200}^{(11)}m_{011}^{(10)}m_{011}^{(20)} + m_{001}^{(20)}m_{200}^{(20)}m_{110}^{(11)}m_{011}^{(21)} - 4m_{001}^{(20)}m_{200}^{(20)}m_{110}^{(11)}m_{002}^{(11)}\\
&+3m_{001}^{(20)}m_{200}^{(20)}m_{110}^{(21)}m_{011}^{(11)} - m_{001}^{(20)}m_{200}^{(20)}m_{101}^{(11)}m_{020}^{(21)} + 4m_{001}^{(20)}m_{200}^{(20)}m_{101}^{(11)}m_{011}^{(11)}\\
&-3m_{001}^{(20)}m_{200}^{(20)}m_{101}^{(21)}m_{020}^{(11)} + 3m_{001}^{(20)}m_{200}^{(20)}m_{020}^{(10)}m_{002}^{(11)} + 2m_{001}^{(20)}m_{200}^{(20)}m_{020}^{(11)}m_{011}^{(20)}\\
&+m_{001}^{(20)}m_{200}^{(20)}m_{020}^{(11)}m_{002}^{(10)} - 2m_{001}^{(20)}m_{200}^{(20)}m_{020}^{(20)}m_{011}^{(11)} - 4m_{001}^{(20)}m_{200}^{(20)}m_{011}^{(10)}m_{011}^{(11)}\\
&+m_{001}^{(20)}m_{200}^{(21)}m_{110}^{(10)}m_{011}^{(21)} - 2m_{001}^{(20)}m_{200}^{(21)}m_{110}^{(11)}m_{011}^{(20)} + 4m_{001}^{(20)}m_{200}^{(21)}m_{110}^{(11)}m_{002}^{(10)}\\
&-3m_{001}^{(20)}m_{200}^{(21)}m_{110}^{(20)}m_{011}^{(11)} - m_{001}^{(20)}m_{200}^{(21)}m_{101}^{(10)}m_{020}^{(21)} + 2m_{001}^{(20)}m_{200}^{(21)}m_{101}^{(11)}m_{020}^{(20)}\\
&-4m_{001}^{(20)}m_{200}^{(21)}m_{101}^{(11)}m_{011}^{(10)} + 3m_{001}^{(20)}m_{200}^{(21)}m_{101}^{(20)}m_{020}^{(11)} + m_{001}^{(20)}m_{200}^{(21)}m_{020}^{(00)}m_{011}^{(21)}\\
&-m_{001}^{(20)}m_{200}^{(21)}m_{020}^{(00)}m_{002}^{(11)} - 3m_{001}^{(20)}m_{200}^{(21)}m_{020}^{(10)}m_{011}^{(20)} - m_{001}^{(20)}m_{200}^{(21)}m_{020}^{(10)}m_{002}^{(10)}\\
&-2m_{001}^{(20)}m_{200}^{(21)}m_{020}^{(11)}m_{002}^{(00)} + 3m_{001}^{(20)}m_{200}^{(21)}m_{020}^{(20)}m_{011}^{(10)} - m_{001}^{(20)}m_{200}^{(21)}m_{020}^{(21)}m_{011}^{(00)}\\
&+3m_{001}^{(20)}m_{200}^{(21)}m_{011}^{(00)}m_{011}^{(11)} + m_{001}^{(20)}m_{200}^{(21)}(m_{011}^{(10)})^2 + m_{001}^{(20)}m_{200}^{(22)}m_{110}^{(10)}m_{011}^{(11)}\\
&-m_{001}^{(20)}m_{200}^{(22)}m_{110}^{(11)}m_{011}^{(10)} - m_{001}^{(20)}m_{200}^{(22)}m_{101}^{(10)}m_{020}^{(11)} + m_{001}^{(20)}m_{200}^{(22)}m_{101}^{(11)}m_{020}^{(10)}\\
&-m_{001}^{(20)}m_{200}^{(22)}m_{020}^{(00)}m_{011}^{(11)} + m_{001}^{(20)}m_{200}^{(22)}m_{020}^{(11)}m_{011}^{(00)} - m_{001}^{(20)}m_{110}^{(00)}m_{110}^{(11)}m_{011}^{(22)}\\
&-m_{001}^{(20)}m_{110}^{(00)}m_{110}^{(21)}m_{011}^{(21)} + 2m_{001}^{(20)}m_{110}^{(00)}m_{110}^{(22)}m_{011}^{(11)} + 2m_{001}^{(20)}m_{110}^{(00)}m_{110}^{(11)}m_{101}^{(21)}m_{011}^{(21)}\\
&+m_{001}^{(20)}m_{110}^{(00)}m_{101}^{(21)}m_{020}^{(21)} - 2m_{001}^{(20)}m_{110}^{(00)}m_{101}^{(21)}m_{011}^{(11)} - m_{001}^{(20)}m_{110}^{(00)}m_{101}^{(22)}m_{020}^{(11)}\\
&+2m_{001}^{(20)}m_{110}^{(00)}m_{020}^{(11)}m_{002}^{(20)} - 2m_{001}^{(20)}m_{110}^{(00)}m_{020}^{(21)}m_{002}^{(10)} + 2m_{001}^{(20)}m_{110}^{(00)}m_{011}^{(10)}m_{011}^{(21)}\\
&-2m_{001}^{(20)}m_{110}^{(00)}m_{011}^{(11)}m_{011}^{(20)} + m_{001}^{(20)}(m_{110}^{(10)})^2m_{011}^{(22)} - 3m_{001}^{(20)}m_{110}^{(10)}m_{110}^{(20)}m_{011}^{(21)}\\
&-m_{001}^{(20)}m_{110}^{(10)}m_{110}^{(21)}m_{101}^{(21)} + 6m_{001}^{(20)}m_{110}^{(10)}m_{110}^{(21)}m_{011}^{(20)} - 3m_{001}^{(20)}m_{110}^{(10)}m_{110}^{(22)}m_{101}^{(11)}\\
&-m_{001}^{(20)}m_{110}^{(10)}m_{110}^{(22)}m_{011}^{(10)} - m_{001}^{(20)}m_{110}^{(10)}m_{101}^{(10)}m_{020}^{(22)} + m_{001}^{(20)}m_{110}^{(10)}m_{101}^{(10)}m_{011}^{(21)}\\
&+4m_{001}^{(20)}m_{110}^{(10)}m_{101}^{(11)}m_{101}^{(21)} - m_{001}^{(20)}m_{110}^{(10)}m_{101}^{(11)}m_{011}^{(20)} + m_{001}^{(20)}m_{110}^{(10)}m_{101}^{(20)}m_{011}^{(11)}\\
&-3m_{001}^{(20)}m_{110}^{(10)}m_{101}^{(21)}m_{020}^{(20)} - m_{001}^{(20)}m_{110}^{(10)}m_{101}^{(21)}m_{011}^{(10)} + 6m_{001}^{(20)}m_{110}^{(10)}m_{020}^{(20)}m_{002}^{(10)}\\
&-2m_{001}^{(20)}m_{110}^{(10)}m_{020}^{(21)}m_{002}^{(00)} + 2m_{001}^{(20)}m_{110}^{(10)}m_{011}^{(00)}m_{011}^{(21)} - 6m_{001}^{(20)}m_{110}^{(10)}m_{011}^{(10)}m_{011}^{(20)}\\
&+5m_{001}^{(20)}m_{110}^{(11)}m_{110}^{(20)}m_{101}^{(21)} - 2m_{001}^{(20)}m_{110}^{(11)}m_{110}^{(20)}m_{011}^{(20)} - 4m_{001}^{(20)}m_{110}^{(11)}m_{110}^{(21)}m_{101}^{(20)}\\
&+3m_{001}^{(20)}m_{110}^{(11)}m_{110}^{(22)}m_{101}^{(10)} - m_{001}^{(20)}m_{110}^{(11)}m_{110}^{(22)}m_{011}^{(00)} + m_{001}^{(20)}m_{110}^{(11)}m_{101}^{(00)}m_{020}^{(22)}\\
&+m_{001}^{(20)}m_{110}^{(11)}m_{101}^{(00)}m_{011}^{(21)} - 8m_{001}^{(20)}m_{110}^{(11)}m_{101}^{(10)}m_{101}^{(21)} - 3m_{001}^{(20)}m_{110}^{(11)}m_{101}^{(10)}m_{011}^{(20)}\\
&+4m_{001}^{(20)}m_{110}^{(11)}m_{101}^{(11)}m_{101}^{(20)} + 2m_{001}^{(20)}m_{110}^{(11)}m_{101}^{(20)}m_{020}^{(20)} + 3m_{001}^{(20)}m_{110}^{(11)}m_{101}^{(20)}m_{011}^{(10)}\\
&-m_{001}^{(20)}m_{110}^{(11)}m_{101}^{(21)}m_{011}^{(00)} + m_{001}^{(20)}m_{110}^{(11)}m_{101}^{(22)}m_{020}^{(00)} - 2m_{001}^{(20)}m_{110}^{(11)}m_{020}^{(00)}m_{002}^{(20)}\\
&-2m_{001}^{(20)}m_{110}^{(11)}m_{020}^{(20)}m_{002}^{(00)} + 4m_{001}^{(20)}m_{110}^{(11)}m_{011}^{(00)}m_{011}^{(20)} + 2m_{001}^{(20)}(m_{110}^{(20)})^2m_{011}^{(11)}\\
&-m_{001}^{(20)}m_{110}^{(20)}m_{110}^{(21)}m_{101}^{(11)} - 3m_{001}^{(20)}m_{110}^{(20)}m_{110}^{(21)}m_{011}^{(10)} + 3m_{001}^{(20)}m_{110}^{(20)}m_{110}^{(10)}m_{101}^{(21)}m_{020}\\
&-2m_{001}^{(20)}m_{110}^{(20)}m_{101}^{(10)}m_{011}^{(11)} - 4m_{001}^{(20)}m_{110}^{(20)}(m_{101}^{(11)})^2 + 2m_{001}^{(20)}m_{110}^{(20)}m_{101}^{(11)}m_{011}^{(10)}\\
&-2m_{001}^{(20)}m_{110}^{(20)}m_{101}^{(20)}m_{020}^{(11)} + 3m_{001}^{(20)}m_{110}^{(20)}m_{101}^{(21)}m_{020}^{(10)} - 6m_{001}^{(20)}m_{110}^{(20)}m_{110}^{(10)}m_{020}^{(10)}m_{002}\\
&+2m_{001}^{(20)}m_{110}^{(20)}m_{020}^{(11)}m_{002}^{(00)} - 2m_{001}^{(20)}m_{110}^{(20)}m_{011}^{(00)}m_{011}^{(11)} + 6m_{001}^{(20)}m_{110}^{(20)}(m_{011}^{(10)})^2\\
&+m_{001}^{(20)}(m_{110}^{(21)})^2m_{101}^{(10)} + m_{001}^{(20)}(m_{110}^{(21)})^2m_{011}^{(00)} - m_{001}^{(20)}m_{110}^{(21)}m_{101}^{(00)}m_{011}^{(11)}\\
&+4m_{001}^{(20)}m_{110}^{(21)}m_{101}^{(10)}m_{101}^{(11)} - 3m_{001}^{(20)}m_{110}^{(21)}m_{101}^{(10)}m_{020}^{(20)} + m_{001}^{(20)}m_{110}^{(21)}m_{101}^{(11)}m_{011}^{(00)}\\
&-m_{001}^{(20)}m_{110}^{(21)}m_{101}^{(21)}m_{020}^{(00)} + 2m_{001}^{(20)}m_{110}^{(21)}m_{020}^{(00)}m_{002}^{(10)} + 2m_{001}^{(20)}m_{110}^{(21)}m_{020}^{(10)}m_{002}^{(00)}\\
&-4m_{001}^{(20)}m_{110}^{(21)}m_{011}^{(00)}m_{011}^{(10)} - m_{001}^{(20)}m_{110}^{(22)}m_{101}^{(00)}m_{020}^{(11)} + m_{001}^{(20)}m_{110}^{(22)}m_{101}^{(10)}m_{020}^{(10)}
\end{aligned}
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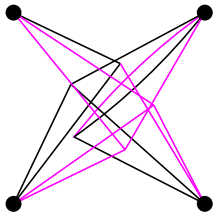
\begin{aligned}
&-3m_{001}^{(20)}m_{101}^{(00)}m_{101}^{(11)}m_{020}^{(21)}+3m_{001}^{(20)}m_{101}^{(00)}m_{101}^{(21)}m_{020}^{(11)}-2m_{001}^{(20)}m_{101}^{(00)}m_{020}^{(10)}m_{011}^{(21)}\\
&-2m_{001}^{(20)}m_{101}^{(00)}m_{020}^{(11)}m_{011}^{(20)}+2m_{001}^{(20)}m_{101}^{(00)}m_{020}^{(20)}m_{011}^{(11)}+2m_{001}^{(20)}m_{101}^{(00)}m_{020}^{(21)}m_{011}^{(10)}\\
&-m_{001}^{(20)}(m_{101}^{(10)})^2m_{020}^{(21)}+4m_{001}^{(20)}m_{101}^{(10)}m_{101}^{(11)}m_{020}^{(20)}+m_{001}^{(20)}m_{101}^{(10)}m_{101}^{(20)}m_{020}^{(11)}\\
&+m_{001}^{(20)}m_{101}^{(10)}m_{101}^{(21)}m_{020}^{(10)}-2m_{001}^{(20)}m_{101}^{(10)}m_{020}^{(00)}m_{011}^{(21)}+6m_{001}^{(20)}m_{101}^{(10)}m_{020}^{(10)}m_{011}^{(20)}\\
&-6m_{001}^{(20)}m_{101}^{(10)}m_{020}^{(20)}m_{011}^{(10)}+2m_{001}^{(20)}m_{101}^{(10)}m_{020}^{(21)}m_{011}^{(00)}-5m_{001}^{(20)}m_{101}^{(11)}m_{101}^{(20)}m_{020}^{(10)}\\
&+2m_{001}^{(20)}m_{101}^{(20)}m_{020}^{(00)}m_{011}^{(11)}-2m_{001}^{(20)}m_{101}^{(20)}m_{020}^{(11)}m_{011}^{(00)}+m_{001}^{(21)}m_{200}^{(00)}m_{110}^{(11)}m_{011}^{(22)}\\
&-2m_{001}^{(21)}m_{200}^{(00)}m_{110}^{(11)}m_{002}^{(21)}+2m_{001}^{(21)}m_{200}^{(00)}m_{110}^{(21)}m_{011}^{(21)}-2m_{001}^{(21)}m_{200}^{(00)}m_{110}^{(21)}m_{002}^{(11)}\\
&+m_{001}^{(21)}m_{200}^{(00)}m_{110}^{(22)}m_{011}^{(11)}-m_{001}^{(21)}m_{200}^{(00)}m_{101}^{(11)}m_{020}^{(22)}+2m_{001}^{(21)}m_{200}^{(00)}m_{101}^{(11)}m_{011}^{(21)}\\
&-2m_{001}^{(21)}m_{200}^{(00)}m_{101}^{(21)}m_{020}^{(21)}+2m_{001}^{(21)}m_{200}^{(00)}m_{101}^{(21)}m_{011}^{(11)}-m_{001}^{(21)}m_{200}^{(00)}m_{101}^{(22)}m_{020}^{(11)}\\
&-m_{001}^{(21)}m_{200}^{(00)}m_{020}^{(10)}m_{011}^{(22)}+2m_{001}^{(21)}m_{200}^{(00)}m_{020}^{(10)}m_{002}^{(21)}+m_{001}^{(21)}m_{200}^{(00)}m_{020}^{(11)}m_{002}^{(20)}\\
&-3m_{001}^{(21)}m_{200}^{(00)}m_{020}^{(20)}m_{011}^{(21)}+2m_{001}^{(21)}m_{200}^{(00)}m_{020}^{(20)}m_{002}^{(11)}+3m_{001}^{(21)}m_{200}^{(00)}m_{020}^{(21)}m_{011}^{(20)}\\
&-m_{001}^{(21)}m_{200}^{(00)}m_{020}^{(21)}m_{002}^{(10)}+m_{001}^{(21)}m_{200}^{(00)}m_{020}^{(22)}m_{011}^{(10)}-m_{001}^{(21)}m_{200}^{(00)}m_{020}^{(10)}m_{011}^{(21)}\\
&-3m_{001}^{(21)}m_{200}^{(00)}m_{011}^{(11)}m_{011}^{(20)}-2m_{001}^{(21)}m_{200}^{(10)}m_{110}^{(20)}m_{002}^{(11)}-3m_{001}^{(21)}m_{200}^{(10)}m_{110}^{(21)}m_{011}^{(20)}\\
&+6m_{001}^{(21)}m_{200}^{(10)}m_{110}^{(21)}m_{002}^{(10)}-m_{001}^{(21)}m_{200}^{(10)}m_{110}^{(22)}m_{011}^{(10)}+2m_{001}^{(21)}m_{200}^{(10)}m_{101}^{(20)}m_{011}^{(11)}\\
&+3m_{001}^{(21)}m_{200}^{(10)}m_{101}^{(21)}m_{020}^{(20)}-6m_{001}^{(21)}m_{200}^{(10)}m_{101}^{(21)}m_{011}^{(10)}+m_{001}^{(21)}m_{200}^{(10)}m_{101}^{(22)}m_{020}^{(10)}\\
&+m_{001}^{(21)}m_{200}^{(10)}m_{020}^{(00)}m_{011}^{(22)}-2m_{001}^{(21)}m_{200}^{(10)}m_{020}^{(00)}m_{002}^{(21)}+m_{001}^{(21)}m_{200}^{(10)}m_{020}^{(20)}m_{002}^{(10)}\\
&-3m_{001}^{(21)}m_{200}^{(10)}m_{020}^{(21)}m_{002}^{(00)}-m_{001}^{(21)}m_{200}^{(10)}m_{020}^{(22)}m_{011}^{(00)}+5m_{001}^{(21)}m_{200}^{(10)}m_{011}^{(00)}m_{011}^{(21)}\\
&-m_{001}^{(21)}m_{200}^{(10)}m_{011}^{(10)}m_{011}^{(20)}-m_{001}^{(21)}m_{200}^{(11)}m_{110}^{(00)}m_{011}^{(22)}+2m_{001}^{(21)}m_{200}^{(11)}m_{110}^{(00)}m_{002}^{(21)}\\
&+m_{001}^{(21)}m_{200}^{(11)}m_{110}^{(20)}m_{011}^{(20)}-2m_{001}^{(21)}m_{200}^{(11)}m_{110}^{(20)}m_{002}^{(10)}+m_{001}^{(21)}m_{200}^{(11)}m_{101}^{(00)}m_{020}^{(22)}\\
&-2m_{001}^{(21)}m_{200}^{(11)}m_{101}^{(00)}m_{011}^{(21)}-m_{001}^{(21)}m_{200}^{(11)}m_{101}^{(20)}m_{020}^{(20)}+2m_{001}^{(21)}m_{200}^{(11)}m_{101}^{(20)}m_{011}^{(10)}\\
&-m_{001}^{(21)}m_{200}^{(11)}m_{020}^{(00)}m_{020}^{(20)}+m_{001}^{(21)}m_{200}^{(11)}m_{020}^{(20)}m_{002}^{(00)}+2m_{001}^{(21)}m_{200}^{(20)}m_{110}^{(10)}m_{002}^{(11)}\\
&-m_{001}^{(21)}m_{200}^{(20)}m_{110}^{(11)}m_{011}^{(20)}+2m_{001}^{(21)}m_{200}^{(20)}m_{110}^{(11)}m_{002}^{(10)}-3m_{001}^{(21)}m_{200}^{(20)}m_{110}^{(21)}m_{011}^{(10)}\\
&-2m_{001}^{(21)}m_{200}^{(20)}m_{101}^{(10)}m_{011}^{(11)}+m_{001}^{(21)}m_{200}^{(20)}m_{101}^{(11)}m_{020}^{(20)}-2m_{001}^{(21)}m_{200}^{(20)}m_{101}^{(11)}m_{011}^{(10)}\\
&+3m_{001}^{(21)}m_{200}^{(20)}m_{101}^{(21)}m_{020}^{(10)}-m_{001}^{(21)}m_{200}^{(20)}m_{020}^{(00)}m_{011}^{(21)}-2m_{001}^{(21)}m_{200}^{(20)}m_{020}^{(00)}m_{002}^{(11)}\\
&-m_{001}^{(21)}m_{200}^{(20)}m_{020}^{(10)}m_{011}^{(20)}-m_{001}^{(21)}m_{200}^{(20)}m_{020}^{(10)}m_{002}^{(10)}-m_{001}^{(21)}m_{200}^{(20)}m_{020}^{(11)}m_{002}^{(00)}\\
&+m_{001}^{(21)}m_{200}^{(20)}m_{020}^{(20)}m_{011}^{(10)}+m_{001}^{(21)}m_{200}^{(20)}m_{020}^{(21)}m_{011}^{(00)}+3m_{001}^{(21)}m_{200}^{(20)}m_{011}^{(00)}m_{011}^{(11)}\\
&+m_{001}^{(21)}m_{200}^{(20)}(m_{011}^{(10)})^2-2m_{001}^{(21)}m_{200}^{(21)}m_{110}^{(00)}m_{011}^{(21)}+2m_{001}^{(21)}m_{200}^{(21)}m_{110}^{(00)}m_{002}^{(11)}\\
&+3m_{001}^{(21)}m_{200}^{(21)}m_{110}^{(10)}m_{011}^{(20)}-6m_{001}^{(21)}m_{200}^{(21)}m_{110}^{(10)}m_{002}^{(10)}+3m_{001}^{(21)}m_{200}^{(21)}m_{110}^{(20)}m_{011}^{(10)}\\
&+2m_{001}^{(21)}m_{200}^{(21)}m_{101}^{(00)}m_{020}^{(21)}-2m_{001}^{(21)}m_{200}^{(21)}m_{101}^{(00)}m_{011}^{(11)}-3m_{001}^{(21)}m_{200}^{(21)}m_{101}^{(10)}m_{020}^{(20)}\\
&+6m_{001}^{(21)}m_{200}^{(21)}m_{101}^{(10)}m_{011}^{(10)}-3m_{001}^{(21)}m_{200}^{(21)}m_{101}^{(20)}m_{020}^{(10)}+2m_{001}^{(21)}m_{200}^{(21)}m_{020}^{(00)}m_{011}^{(20)}\\
&+m_{001}^{(21)}m_{200}^{(21)}m_{020}^{(00)}m_{002}^{(10)}+3m_{001}^{(21)}m_{200}^{(21)}m_{020}^{(10)}m_{002}^{(00)}-2m_{001}^{(21)}m_{200}^{(21)}m_{020}^{(20)}m_{011}^{(00)}\\
&-4m_{001}^{(21)}m_{200}^{(21)}m_{011}^{(00)}m_{011}^{(10)}-m_{001}^{(21)}m_{200}^{(22)}m_{110}^{(00)}m_{011}^{(11)}+m_{001}^{(21)}m_{200}^{(22)}m_{110}^{(10)}m_{011}^{(10)}\\
&+m_{001}^{(21)}m_{200}^{(22)}m_{101}^{(00)}m_{020}^{(11)}-m_{001}^{(21)}m_{200}^{(22)}m_{101}^{(10)}m_{020}^{(10)}+2m_{001}^{(21)}m_{200}^{(22)}m_{020}^{(00)}m_{011}^{(10)}\\
&-2m_{001}^{(21)}m_{200}^{(22)}m_{020}^{(10)}m_{011}^{(00)}+m_{001}^{(21)}m_{110}^{(00)}m_{110}^{(11)}m_{101}^{(22)}+4m_{001}^{(21)}m_{110}^{(00)}m_{110}^{(20)}m_{011}^{(21)}\\
&+2m_{001}^{(21)}m_{110}^{(00)}m_{110}^{(21)}m_{101}^{(21)}-5m_{001}^{(21)}m_{110}^{(00)}m_{110}^{(21)}m_{011}^{(20)}+m_{001}^{(21)}m_{110}^{(00)}m_{110}^{(22)}m_{101}^{(11)}\\
&-3m_{001}^{(21)}m_{110}^{(00)}m_{110}^{(22)}m_{011}^{(10)}+m_{001}^{(21)}m_{110}^{(00)}m_{101}^{(10)}m_{020}^{(22)}-3m_{001}^{(21)}m_{110}^{(00)}m_{101}^{(10)}m_{011}^{(21)}\\
&-4m_{001}^{(21)}m_{110}^{(00)}m_{101}^{(11)}m_{101}^{(21)}+m_{001}^{(21)}m_{110}^{(00)}m_{101}^{(11)}m_{011}^{(20)}-m_{001}^{(21)}m_{110}^{(00)}m_{101}^{(20)}m_{020}^{(21)}\\
&-m_{001}^{(21)}m_{110}^{(00)}m_{101}^{(20)}m_{011}^{(11)}+2m_{001}^{(21)}m_{110}^{(00)}m_{101}^{(21)}m_{020}^{(20)}+3m_{001}^{(21)}m_{110}^{(00)}m_{101}^{(21)}m_{011}^{(10)}
\end{aligned}
$$

$$+2m_{001}^{(21)}m_{110}^{(00)}m_{101}^{(22)}m_{020}^{(10)} - 4m_{001}^{(21)}m_{110}^{(00)}m_{020}^{(10)}m_{002}^{(20)} - 4m_{001}^{(21)}m_{110}^{(00)}m_{020}^{(20)}m_{002}^{(10)}$$
$$+4m_{001}^{(21)}m_{110}^{(00)}m_{020}^{(21)}m_{002}^{(00)} - 4m_{001}^{(21)}m_{110}^{(00)}m_{011}^{(00)}m_{011}^{(21)} + 8m_{001}^{(21)}m_{110}^{(00)}m_{011}^{(10)}m_{011}^{(20)}$$
$$-m_{001}^{(21)}(m_{110}^{(10)})^2m_{101}^{(22)} - 6m_{001}^{(21)}m_{110}^{(10)}m_{110}^{(20)}m_{101}^{(21)} + m_{001}^{(21)}m_{110}^{(10)}m_{110}^{(20)}m_{011}^{(20)}$$
$$+3m_{001}^{(21)}m_{110}^{(10)}m_{110}^{(21)}m_{101}^{(20)} + m_{001}^{(21)}m_{110}^{(10)}m_{110}^{(22)}m_{101}^{(10)} + 3m_{001}^{(21)}m_{110}^{(10)}m_{110}^{(22)}m_{011}^{(00)}$$
$$-m_{001}^{(21)}m_{110}^{(10)}m_{101}^{(00)}m_{020}^{(22)} - m_{001}^{(21)}m_{110}^{(10)}m_{101}^{(00)}m_{011}^{(21)} + 6m_{001}^{(21)}m_{110}^{(10)}m_{101}^{(10)}m_{101}^{(21)}$$
$$+m_{001}^{(21)}m_{110}^{(10)}m_{101}^{(10)}m_{011}^{(20)} - 2m_{001}^{(21)}m_{110}^{(10)}m_{101}^{(11)}m_{101}^{(20)} - m_{001}^{(21)}m_{110}^{(10)}m_{101}^{(20)}m_{020}^{(20)}$$
$$-m_{001}^{(21)}m_{110}^{(10)}m_{101}^{(20)}m_{011}^{(10)} + m_{001}^{(21)}m_{110}^{(10)}m_{101}^{(21)}m_{011}^{(00)} - 2m_{001}^{(21)}m_{110}^{(10)}m_{101}^{(22)}m_{020}^{(00)}$$
$$+4m_{001}^{(21)}m_{110}^{(10)}m_{020}^{(00)}m_{002}^{(20)} - 4m_{001}^{(21)}m_{110}^{(10)}m_{011}^{(00)}m_{011}^{(20)} + m_{001}^{(21)}m_{110}^{(11)}m_{110}^{(20)}m_{101}^{(20)}$$
$$-2m_{001}^{(21)}m_{110}^{(11)}m_{110}^{(22)}m_{101}^{(00)} + 2m_{001}^{(21)}m_{110}^{(11)}m_{101}^{(00)}m_{101}^{(21)} + 2m_{001}^{(21)}m_{110}^{(11)}m_{101}^{(00)}m_{011}^{(20)}$$
$$-2m_{001}^{(21)}m_{110}^{(11)}m_{101}^{(10)}m_{101}^{(20)} - 2m_{001}^{(21)}m_{110}^{(11)}m_{101}^{(20)}m_{011}^{(00)} - m_{001}^{(21)}(m_{110}^{(20)})^2m_{101}^{(11)}$$
$$-m_{001}^{(21)}(m_{110}^{(20)})^2m_{011}^{(10)} + 3m_{001}^{(21)}m_{110}^{(20)}m_{110}^{(21)}m_{101}^{(10)} + m_{001}^{(21)}m_{110}^{(20)}m_{110}^{(21)}m_{011}^{(00)}$$
$$-3m_{001}^{(21)}m_{110}^{(20)}m_{101}^{(00)}m_{020}^{(21)} + m_{001}^{(21)}m_{110}^{(20)}m_{101}^{(00)}m_{011}^{(11)} + 4m_{001}^{(21)}m_{110}^{(20)}m_{101}^{(10)}m_{101}^{(11)}$$
$$-m_{001}^{(21)}m_{110}^{(20)}m_{101}^{(11)}m_{011}^{(00)} + m_{001}^{(21)}m_{110}^{(20)}m_{101}^{(20)}m_{020}^{(10)} - 2m_{001}^{(21)}m_{110}^{(20)}m_{101}^{(21)}m_{020}^{(00)}$$
$$+4m_{001}^{(21)}m_{110}^{(20)}m_{020}^{(00)}m_{002}^{(10)} - 4m_{001}^{(21)}m_{110}^{(20)}m_{011}^{(00)}m_{011}^{(10)} - 2m_{001}^{(21)}(m_{110}^{(21)})^2m_{101}^{(00)}$$
$$+2m_{001}^{(21)}m_{110}^{(21)}m_{101}^{(00)}m_{101}^{(11)} + 3m_{001}^{(21)}m_{110}^{(21)}m_{101}^{(00)}m_{020}^{(20)} + 2m_{001}^{(21)}m_{110}^{(21)}m_{101}^{(00)}m_{011}^{(10)}$$
$$-6m_{001}^{(21)}m_{110}^{(21)}(m_{101}^{(10)})^2 - 2m_{001}^{(21)}m_{110}^{(21)}m_{101}^{(10)}m_{011}^{(00)} + m_{001}^{(21)}m_{110}^{(21)}m_{101}^{(20)}m_{020}^{(00)}$$
$$-4m_{001}^{(21)}m_{110}^{(21)}m_{020}^{(00)}m_{002}^{(00)} + 4m_{001}^{(21)}m_{110}^{(21)}(m_{011}^{(00)})^2 + m_{001}^{(21)}m_{110}^{(22)}m_{101}^{(00)}m_{020}^{(10)}$$
$$-m_{001}^{(21)}m_{110}^{(22)}m_{101}^{(10)}m_{020}^{(00)} + 4m_{001}^{(21)}m_{101}^{(00)}m_{101}^{(10)}m_{020}^{(21)} - 3m_{001}^{(21)}m_{101}^{(00)}m_{101}^{(11)}m_{020}^{(20)}$$
$$-5m_{001}^{(21)}m_{101}^{(00)}m_{101}^{(21)}m_{020}^{(10)} + 4m_{001}^{(21)}m_{101}^{(00)}m_{020}^{(00)}m_{011}^{(21)} - 4m_{001}^{(21)}m_{101}^{(00)}m_{020}^{(21)}m_{011}^{(00)}$$
$$-m_{001}^{(21)}(m_{101}^{(10)})^2m_{020}^{(20)} + m_{001}^{(21)}m_{101}^{(10)}m_{101}^{(20)}m_{020}^{(10)} + m_{001}^{(21)}m_{101}^{(10)}m_{101}^{(21)}m_{020}^{(00)}$$
$$-4m_{001}^{(21)}m_{101}^{(10)}m_{020}^{(00)}m_{011}^{(20)} + 4m_{001}^{(21)}m_{101}^{(10)}m_{020}^{(20)}m_{011}^{(00)} + 3m_{001}^{(21)}m_{101}^{(11)}m_{101}^{(20)}m_{020}^{(00)}$$
$$-4m_{001}^{(21)}m_{101}^{(20)}m_{020}^{(00)}m_{011}^{(10)} + 4m_{001}^{(21)}m_{101}^{(20)}m_{020}^{(10)}m_{011}^{(00)} - m_{001}^{(22)}m_{200}^{(00)}m_{110}^{(11)}m_{011}^{(21)}$$
$$+2m_{001}^{(22)}m_{200}^{(00)}m_{110}^{(11)}m_{002}^{(11)} - m_{001}^{(22)}m_{200}^{(00)}m_{110}^{(21)}m_{011}^{(11)} + m_{001}^{(22)}m_{200}^{(00)}m_{101}^{(11)}m_{020}^{(21)}$$
$$-2m_{001}^{(22)}m_{200}^{(00)}m_{101}^{(11)}m_{011}^{(11)} + m_{001}^{(22)}m_{200}^{(00)}m_{101}^{(21)}m_{020}^{(11)} + m_{001}^{(22)}m_{200}^{(00)}m_{020}^{(10)}m_{011}^{(21)}$$
$$-2m_{001}^{(22)}m_{200}^{(00)}m_{020}^{(10)}m_{002}^{(11)} - m_{001}^{(22)}m_{200}^{(00)}m_{020}^{(11)}m_{011}^{(20)} + m_{001}^{(22)}m_{200}^{(00)}m_{020}^{(20)}m_{011}^{(11)}$$
$$-m_{001}^{(22)}m_{200}^{(00)}m_{020}^{(21)}m_{011}^{(10)} + 2m_{001}^{(22)}m_{200}^{(00)}m_{020}^{(10)}m_{011}^{(11)} + 2m_{001}^{(22)}m_{200}^{(10)}m_{200}^{(11)}m_{110}^{(20)}m_{011}^{(20)}$$
$$-4m_{001}^{(22)}m_{200}^{(10)}m_{110}^{(11)}m_{002}^{(10)} + m_{001}^{(22)}m_{200}^{(10)}m_{110}^{(20)}m_{011}^{(11)} + m_{001}^{(22)}m_{200}^{(10)}m_{110}^{(21)}m_{011}^{(10)}$$
$$-2m_{001}^{(22)}m_{200}^{(10)}m_{101}^{(11)}m_{020}^{(20)} + 4m_{001}^{(22)}m_{200}^{(10)}m_{101}^{(11)}m_{011}^{(10)} - m_{001}^{(22)}m_{200}^{(10)}m_{101}^{(20)}m_{020}^{(11)}$$
$$-m_{001}^{(22)}m_{200}^{(10)}m_{101}^{(21)}m_{020}^{(10)} - m_{001}^{(22)}m_{200}^{(10)}m_{020}^{(00)}m_{011}^{(21)} + 2m_{001}^{(22)}m_{200}^{(10)}m_{020}^{(00)}m_{002}^{(11)}$$
$$+m_{001}^{(22)}m_{200}^{(10)}m_{020}^{(10)}m_{011}^{(20)} + 2m_{001}^{(22)}m_{200}^{(10)}m_{020}^{(11)}m_{002}^{(00)} - m_{001}^{(22)}m_{200}^{(10)}m_{020}^{(20)}m_{011}^{(10)}$$
$$+m_{001}^{(22)}m_{200}^{(10)}m_{020}^{(21)}m_{011}^{(00)} - 4m_{001}^{(22)}m_{200}^{(10)}m_{011}^{(00)}m_{011}^{(11)} + m_{001}^{(22)}m_{200}^{(11)}m_{110}^{(00)}m_{011}^{(21)}$$
$$-2m_{001}^{(22)}m_{200}^{(11)}m_{110}^{(00)}m_{002}^{(11)} - 2m_{001}^{(22)}m_{200}^{(11)}m_{110}^{(10)}m_{011}^{(20)} + 4m_{001}^{(22)}m_{200}^{(11)}m_{110}^{(10)}m_{002}^{(10)}$$
$$-m_{001}^{(22)}m_{200}^{(11)}m_{110}^{(20)}m_{011}^{(10)} - m_{001}^{(22)}m_{200}^{(11)}m_{101}^{(00)}m_{020}^{(21)} + 2m_{001}^{(22)}m_{200}^{(11)}m_{101}^{(00)}m_{011}^{(11)}$$
$$+2m_{001}^{(22)}m_{200}^{(11)}m_{101}^{(10)}m_{020}^{(20)} - 4m_{001}^{(22)}m_{200}^{(11)}m_{101}^{(10)}m_{011}^{(10)} + m_{001}^{(22)}m_{200}^{(11)}m_{101}^{(20)}m_{020}^{(10)}$$
$$-2m_{001}^{(22)}m_{200}^{(11)}m_{020}^{(10)}m_{002}^{(00)} + 2m_{001}^{(22)}m_{200}^{(11)}m_{011}^{(00)}m_{011}^{(10)} - m_{001}^{(22)}m_{200}^{(20)}m_{110}^{(10)}m_{011}^{(11)}$$
$$+m_{001}^{(22)}m_{200}^{(20)}m_{110}^{(11)}m_{011}^{(10)} + m_{001}^{(22)}m_{200}^{(20)}m_{101}^{(10)}m_{020}^{(11)} - m_{001}^{(22)}m_{200}^{(20)}m_{101}^{(11)}m_{020}^{(10)}$$
$$+m_{001}^{(22)}m_{200}^{(20)}m_{020}^{(00)}m_{011}^{(11)} - m_{001}^{(22)}m_{200}^{(20)}m_{020}^{(11)}m_{011}^{(00)} + m_{001}^{(22)}m_{200}^{(21)}m_{110}^{(00)}m_{011}^{(11)}$$
$$-m_{001}^{(22)}m_{200}^{(21)}m_{110}^{(10)}m_{011}^{(10)} - m_{001}^{(22)}m_{200}^{(21)}m_{101}^{(00)}m_{020}^{(11)} + m_{001}^{(22)}m_{200}^{(21)}m_{101}^{(10)}m_{020}^{(10)}$$

$$
\begin{aligned}
&-2m_{001}^{(22)}m_{200}^{(21)}m_{020}^{(00)}m_{011}^{(10)} + 2m_{001}^{(22)}m_{200}^{(21)}m_{020}^{(10)}m_{011}^{(00)} - m_{001}^{(22)}m_{110}^{(00)}m_{110}^{(11)}m_{101}^{(21)}\\
&+m_{001}^{(22)}m_{110}^{(00)}m_{110}^{(11)}m_{011}^{(20)} - 2m_{001}^{(22)}m_{110}^{(00)}m_{110}^{(20)}m_{011}^{(11)} - m_{001}^{(22)}m_{110}^{(00)}m_{110}^{(21)}m_{101}^{(11)}\\
&+3m_{001}^{(22)}m_{110}^{(00)}m_{110}^{(21)}m_{011}^{(10)} - m_{001}^{(22)}m_{110}^{(00)}m_{101}^{(10)}m_{020}^{(21)} + 2m_{001}^{(22)}m_{110}^{(00)}m_{101}^{(10)}m_{011}^{(11)}\\
&+2m_{001}^{(22)}m_{110}^{(00)}(m_{101}^{(11)})^2 - 2m_{001}^{(22)}m_{110}^{(00)}m_{101}^{(11)}m_{011}^{(10)} + m_{001}^{(22)}m_{110}^{(00)}m_{101}^{(20)}m_{020}^{(11)}\\
&-2m_{001}^{(22)}m_{110}^{(00)}m_{101}^{(21)}m_{020}^{(10)} + 4m_{001}^{(22)}m_{110}^{(00)}m_{020}^{(10)}m_{002}^{(10)} - 2m_{001}^{(22)}m_{110}^{(00)}m_{020}^{(11)}m_{002}^{(00)}\\
&+2m_{001}^{(22)}m_{110}^{(00)}m_{011}^{(00)}m_{011}^{(11)} - 4m_{001}^{(22)}m_{110}^{(00)}(m_{011}^{(10)})^2 + m_{001}^{(22)}(m_{110}^{(10)})^2m_{101}^{(21)}\\
&-m_{001}^{(22)}(m_{110}^{(10)})^2m_{011}^{(20)} + 3m_{001}^{(22)}m_{110}^{(10)}m_{110}^{(20)}m_{101}^{(11)} + m_{001}^{(22)}m_{110}^{(10)}m_{110}^{(20)}m_{011}^{(10)}\\
&-m_{001}^{(22)}m_{110}^{(10)}m_{110}^{(21)}m_{101}^{(10)} - 3m_{001}^{(22)}m_{110}^{(10)}m_{110}^{(21)}m_{011}^{(00)} + m_{001}^{(22)}m_{110}^{(10)}m_{101}^{(00)}m_{020}^{(21)}\\
&-4m_{001}^{(22)}m_{110}^{(10)}m_{101}^{(10)}m_{101}^{(11)} + m_{001}^{(22)}m_{110}^{(10)}m_{101}^{(10)}m_{020}^{(20)} + 2m_{001}^{(22)}m_{110}^{(10)}m_{101}^{(21)}m_{020}^{(00)}\\
&-4m_{001}^{(22)}m_{110}^{(10)}m_{020}^{(00)}m_{002}^{(10)} + 4m_{001}^{(22)}m_{110}^{(10)}m_{011}^{(00)}m_{011}^{(10)} - 3m_{001}^{(22)}m_{110}^{(11)}m_{110}^{(20)}m_{101}^{(10)}\\
&+m_{001}^{(22)}m_{110}^{(11)}m_{110}^{(20)}m_{011}^{(00)} + 2m_{001}^{(22)}m_{110}^{(11)}m_{110}^{(21)}m_{101}^{(00)} - 2m_{001}^{(22)}m_{110}^{(11)}m_{101}^{(00)}m_{101}^{(11)}\\
&-m_{001}^{(22)}m_{110}^{(11)}m_{101}^{(00)}m_{020}^{(20)} - 2m_{001}^{(22)}m_{110}^{(11)}m_{101}^{(00)}m_{011}^{(10)} + 4m_{001}^{(22)}m_{110}^{(11)}(m_{101}^{(10)})^2\\
&+2m_{001}^{(22)}m_{110}^{(11)}m_{101}^{(10)}m_{011}^{(00)} - m_{001}^{(22)}m_{110}^{(11)}m_{101}^{(20)}m_{020}^{(00)} + 2m_{001}^{(22)}m_{110}^{(11)}m_{020}^{(00)}m_{002}^{(00)}\\
&-2m_{001}^{(22)}m_{110}^{(11)}(m_{011}^{(00)})^2 + m_{001}^{(22)}m_{110}^{(20)}m_{101}^{(00)}m_{020}^{(11)} - m_{001}^{(22)}m_{110}^{(20)}m_{101}^{(10)}m_{020}^{(10)}\\
&-m_{001}^{(22)}m_{110}^{(21)}m_{101}^{(00)}m_{020}^{(10)} + m_{001}^{(22)}m_{110}^{(21)}m_{101}^{(10)}m_{020}^{(00)} - 2m_{001}^{(22)}m_{101}^{(00)}m_{101}^{(10)}m_{020}^{(11)}\\
&+4m_{001}^{(22)}m_{101}^{(00)}m_{101}^{(11)}m_{020}^{(10)} - 2m_{001}^{(22)}m_{101}^{(00)}m_{020}^{(00)}m_{011}^{(11)} + 2m_{001}^{(22)}m_{101}^{(00)}m_{020}^{(11)}m_{011}^{(00)}\\
&-2m_{001}^{(22)}m_{101}^{(10)}m_{101}^{(11)}m_{020}^{(00)} + 4m_{001}^{(22)}m_{101}^{(10)}m_{020}^{(00)}m_{011}^{(10)} - 4m_{001}^{(22)}m_{101}^{(10)}m_{020}^{(10)}m_{011}^{(00)}
\end{aligned}
$$

Generating graph:

$V1$	$V1$	1	1	$V3$
$V2$	$V2$	2	3	3
$V3$	$V4$	$V4$	4	4

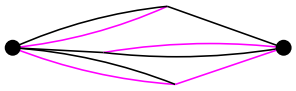


$$
\begin{aligned}
T_{61} \;=\;& -m_{200}^{(10)}m_{021}^{(22)} + 2m_{200}^{(10)}m_{012}^{(21)} - m_{200}^{(10)}m_{003}^{(11)} + m_{200}^{(11)}m_{111}^{(22)} - m_{200}^{(11)}m_{102}^{(21)} - m_{200}^{(11)}m_{012}^{(20)}\\
&+m_{200}^{(11)}m_{003}^{(10)} + m_{200}^{(20)}m_{030}^{(22)} - 2m_{200}^{(20)}m_{021}^{(21)} + m_{200}^{(20)}m_{012}^{(11)} - m_{200}^{(21)}m_{120}^{(22)} + m_{200}^{(21)}m_{102}^{(11)}\\
&+2m_{200}^{(21)}m_{021}^{(20)} - 2m_{200}^{(21)}m_{012}^{(10)} + m_{200}^{(22)}m_{120}^{(21)} - m_{200}^{(22)}m_{111}^{(11)} - m_{200}^{(22)}m_{030}^{(20)} + m_{200}^{(22)}m_{021}^{(10)}\\
&+m_{110}^{(00)}m_{021}^{(22)} - 2m_{110}^{(00)}m_{012}^{(21)} + m_{110}^{(00)}m_{003}^{(11)} - m_{110}^{(11)}m_{201}^{(22)} + 2m_{110}^{(11)}m_{102}^{(20)} - m_{110}^{(11)}m_{003}^{(00)}\\
&-2m_{110}^{(20)}m_{120}^{(22)} + 4m_{110}^{(20)}m_{111}^{(21)} - 2m_{110}^{(20)}m_{102}^{(11)} + 2m_{110}^{(21)}m_{210}^{(22)} - 4m_{110}^{(21)}m_{111}^{(20)}\\
&+2m_{110}^{(21)}m_{012}^{(00)} - 2m_{110}^{(22)}m_{210}^{(21)} + m_{110}^{(22)}m_{201}^{(11)} + 2m_{110}^{(22)}m_{120}^{(20)} - m_{110}^{(22)}m_{021}^{(00)} - m_{101}^{(00)}m_{030}^{(22)}
\end{aligned}
$$

$$
\begin{aligned}
&+2m_{101}^{(00)}m_{021}^{(21)} - m_{101}^{(00)}m_{012}^{(11)} + 2m_{101}^{(10)}m_{120}^{(22)} - 4m_{101}^{(10)}m_{111}^{(21)} + 2m_{101}^{(10)}m_{102}^{(11)} - m_{101}^{(11)}m_{210}^{(22)}\\
&+2m_{101}^{(11)}m_{201}^{(21)} - 2m_{101}^{(11)}m_{102}^{(10)} + m_{101}^{(11)}m_{012}^{(00)} - 2m_{101}^{(21)}m_{201}^{(11)} + 4m_{101}^{(21)}m_{111}^{(10)} - 2m_{101}^{(21)}m_{021}^{(00)}\\
&+m_{101}^{(22)}m_{210}^{(11)} - 2m_{101}^{(22)}m_{120}^{(10)} + m_{101}^{(22)}m_{030}^{(00)} - m_{020}^{(00)}m_{111}^{(22)} + m_{020}^{(00)}m_{102}^{(21)} + m_{020}^{(00)}m_{012}^{(20)}\\
&-m_{020}^{(00)}m_{003}^{(10)} + m_{020}^{(10)}m_{201}^{(22)} - 2m_{020}^{(10)}m_{102}^{(20)} + m_{020}^{(10)}m_{003}^{(00)} + m_{020}^{(20)}m_{210}^{(22)} - 2m_{020}^{(20)}m_{201}^{(21)}\\
&+2m_{020}^{(20)}m_{102}^{(10)} - m_{020}^{(20)}m_{012}^{(00)} - m_{020}^{(21)}m_{300}^{(22)} + 2m_{020}^{(21)}m_{201}^{(20)} - m_{020}^{(21)}m_{102}^{(00)} + m_{020}^{(22)}m_{300}^{(21)}\\
&-m_{020}^{(22)}m_{210}^{(20)} - m_{020}^{(22)}m_{201}^{(10)} + m_{020}^{(22)}m_{111}^{(00)} + m_{011}^{(00)}m_{120}^{(22)} - m_{011}^{(00)}m_{102}^{(11)} - 2m_{011}^{(00)}m_{021}^{(20)}\\
&+2m_{011}^{(00)}m_{012}^{(10)} - 2m_{011}^{(10)}m_{210}^{(22)} + 4m_{011}^{(10)}m_{111}^{(20)} - 2m_{011}^{(10)}m_{012}^{(00)} + m_{011}^{(11)}m_{300}^{(22)} - 2m_{011}^{(11)}m_{201}^{(20)}\\
&+m_{011}^{(11)}m_{102}^{(00)} + 2m_{011}^{(20)}m_{201}^{(11)} - 4m_{011}^{(20)}m_{111}^{(10)} + 2m_{011}^{(20)}m_{021}^{(00)} - m_{011}^{(22)}m_{300}^{(11)} + 2m_{011}^{(22)}m_{210}^{(10)}\\
&-m_{011}^{(22)}m_{120}^{(00)} - m_{002}^{(00)}m_{120}^{(21)} + m_{002}^{(00)}m_{111}^{(11)} + m_{002}^{(00)}m_{030}^{(20)} - m_{002}^{(00)}m_{021}^{(10)} + 2m_{002}^{(10)}m_{210}^{(21)}\\
&-m_{002}^{(10)}m_{201}^{(11)} - 2m_{002}^{(10)}m_{120}^{(20)} + m_{002}^{(10)}m_{021}^{(00)} - m_{002}^{(11)}m_{300}^{(21)} + m_{002}^{(11)}m_{210}^{(20)} + m_{002}^{(11)}m_{201}^{(10)}\\
&-m_{002}^{(11)}m_{111}^{(00)} - m_{002}^{(20)}m_{210}^{(11)} + 2m_{002}^{(20)}m_{120}^{(10)} - m_{002}^{(20)}m_{030}^{(00)} + m_{002}^{(21)}m_{300}^{(11)} - 2m_{002}^{(21)}m_{210}^{(10)}\\
&+m_{002}^{(21)}m_{120}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{ccc}
V1 & V1 & 1\\
1 & 1 & V2\\
V2 & 2 & 2
\end{array}
$$



$$
\begin{aligned}
T_{62} \;=\;& m_{100}^{(00)}m_{110}^{(11)}m_{012}^{(22)} - m_{100}^{(00)}m_{110}^{(11)}m_{003}^{(21)} - m_{100}^{(00)}m_{110}^{(21)}m_{021}^{(22)} + m_{100}^{(00)}m_{110}^{(21)}m_{003}^{(11)}\\
&+m_{100}^{(00)}m_{110}^{(22)}m_{021}^{(21)} - m_{100}^{(00)}m_{110}^{(22)}m_{012}^{(11)} - m_{100}^{(00)}m_{101}^{(11)}m_{021}^{(22)} + m_{100}^{(00)}m_{101}^{(11)}m_{012}^{(21)}\\
&+m_{100}^{(00)}m_{101}^{(21)}m_{030}^{(22)} - m_{100}^{(00)}m_{101}^{(21)}m_{012}^{(11)} - m_{100}^{(00)}m_{101}^{(22)}m_{030}^{(21)} + m_{100}^{(00)}m_{101}^{(22)}m_{021}^{(11)}\\
&-m_{100}^{(00)}m_{020}^{(10)}m_{012}^{(22)} + m_{100}^{(00)}m_{020}^{(10)}m_{003}^{(21)} + m_{100}^{(00)}m_{020}^{(20)}m_{021}^{(22)} - m_{100}^{(00)}m_{020}^{(20)}m_{012}^{(21)}\\
&+m_{100}^{(00)}m_{020}^{(21)}m_{012}^{(20)} - m_{100}^{(00)}m_{020}^{(21)}m_{003}^{(10)} - m_{100}^{(00)}m_{020}^{(22)}m_{021}^{(20)} + m_{100}^{(00)}m_{020}^{(22)}m_{012}^{(10)}\\
&+m_{100}^{(00)}m_{011}^{(10)}m_{021}^{(22)} - m_{100}^{(00)}m_{011}^{(10)}m_{003}^{(11)} - m_{100}^{(00)}m_{011}^{(11)}m_{012}^{(20)} + m_{100}^{(00)}m_{011}^{(11)}m_{003}^{(10)}\\
&-m_{100}^{(00)}m_{011}^{(20)}m_{030}^{(22)} + m_{100}^{(00)}m_{011}^{(20)}m_{012}^{(11)} + m_{100}^{(00)}m_{011}^{(22)}m_{030}^{(20)} - m_{100}^{(00)}m_{011}^{(22)}m_{021}^{(10)}\\
&-m_{100}^{(00)}m_{002}^{(10)}m_{021}^{(21)} + m_{100}^{(00)}m_{002}^{(10)}m_{012}^{(11)} + m_{100}^{(00)}m_{002}^{(11)}m_{021}^{(20)} - m_{100}^{(00)}m_{002}^{(11)}m_{012}^{(10)}\\
&+m_{100}^{(00)}m_{002}^{(20)}m_{030}^{(21)} - m_{100}^{(00)}m_{002}^{(20)}m_{021}^{(11)} - m_{100}^{(00)}m_{002}^{(21)}m_{030}^{(20)} + m_{100}^{(00)}m_{002}^{(21)}m_{021}^{(10)}\\
&-m_{100}^{(10)}m_{200}^{(11)}m_{012}^{(22)} + m_{100}^{(10)}m_{200}^{(11)}m_{003}^{(21)} + m_{100}^{(10)}m_{200}^{(21)}m_{021}^{(22)} - m_{100}^{(10)}m_{200}^{(21)}m_{003}^{(11)}\\
&-m_{100}^{(10)}m_{200}^{(22)}m_{021}^{(21)} + m_{100}^{(10)}m_{200}^{(22)}m_{012}^{(11)} + m_{100}^{(10)}m_{110}^{(10)}m_{012}^{(22)} - m_{100}^{(10)}m_{110}^{(10)}m_{003}^{(21)}
\end{aligned}
$$

$$
\begin{aligned}
&-m_{100}^{(10)}m_{110}^{(11)}m_{102}^{(22)}+m_{100}^{(10)}m_{110}^{(11)}m_{003}^{(20)}-m_{100}^{(10)}m_{110}^{(20)}m_{021}^{(22)}+m_{100}^{(10)}m_{110}^{(20)}m_{012}^{(21)}\\
&+m_{100}^{(10)}m_{110}^{(21)}m_{111}^{(22)}+m_{100}^{(10)}m_{110}^{(21)}m_{102}^{(21)}-2m_{100}^{(10)}m_{110}^{(21)}m_{012}^{(20)}-m_{100}^{(10)}m_{110}^{(22)}m_{111}^{(21)}\\
&+m_{100}^{(10)}m_{110}^{(22)}m_{021}^{(20)}-m_{100}^{(10)}m_{101}^{(10)}m_{012}^{(21)}+m_{100}^{(10)}m_{101}^{(10)}m_{003}^{(11)}+2m_{100}^{(10)}m_{101}^{(11)}m_{111}^{(22)}\\
&-m_{100}^{(10)}m_{101}^{(11)}m_{102}^{(21)}-m_{100}^{(10)}m_{101}^{(11)}m_{003}^{(10)}+m_{100}^{(10)}m_{101}^{(20)}m_{021}^{(21)}-m_{100}^{(10)}m_{101}^{(20)}m_{012}^{(11)}\\
&-2m_{100}^{(10)}m_{101}^{(21)}m_{120}^{(22)}-m_{100}^{(10)}m_{101}^{(21)}m_{111}^{(21)}+m_{100}^{(10)}m_{101}^{(21)}m_{102}^{(11)}+2m_{100}^{(10)}m_{101}^{(21)}m_{012}^{(10)}\\
&+2m_{100}^{(10)}m_{101}^{(22)}m_{120}^{(21)}-m_{100}^{(10)}m_{101}^{(22)}m_{111}^{(11)}-m_{100}^{(10)}m_{101}^{(22)}m_{021}^{(10)}+m_{100}^{(10)}m_{020}^{(10)}m_{102}^{(22)}\\
&-m_{100}^{(10)}m_{020}^{(10)}m_{003}^{(20)}-m_{100}^{(10)}m_{020}^{(20)}m_{111}^{(22)}+m_{100}^{(10)}m_{020}^{(20)}m_{012}^{(20)}-m_{100}^{(10)}m_{020}^{(21)}m_{102}^{(20)}\\
&+m_{100}^{(10)}m_{020}^{(21)}m_{003}^{(00)}+m_{100}^{(10)}m_{020}^{(22)}m_{111}^{(20)}-m_{100}^{(10)}m_{020}^{(22)}m_{012}^{(00)}-2m_{100}^{(10)}m_{011}^{(10)}m_{111}^{(22)}\\
&+m_{100}^{(10)}m_{011}^{(10)}m_{012}^{(20)}+m_{100}^{(10)}m_{011}^{(10)}m_{003}^{(10)}+m_{100}^{(10)}m_{011}^{(11)}m_{102}^{(20)}-m_{100}^{(10)}m_{011}^{(11)}m_{003}^{(00)}\\
&+2m_{100}^{(10)}m_{011}^{(20)}m_{120}^{(22)}-m_{100}^{(10)}m_{011}^{(20)}m_{021}^{(20)}-m_{100}^{(10)}m_{011}^{(20)}m_{012}^{(10)}+m_{100}^{(10)}m_{011}^{(21)}m_{111}^{(20)}\\
&-m_{100}^{(10)}m_{011}^{(21)}m_{102}^{(10)}-2m_{100}^{(10)}m_{011}^{(22)}m_{120}^{(20)}+m_{100}^{(10)}m_{011}^{(22)}m_{111}^{(10)}+m_{100}^{(10)}m_{011}^{(22)}m_{021}^{(00)}\\
&+2m_{100}^{(10)}m_{002}^{(10)}m_{111}^{(21)}-m_{100}^{(10)}m_{002}^{(10)}m_{102}^{(11)}-m_{100}^{(10)}m_{002}^{(10)}m_{012}^{(10)}-2m_{100}^{(10)}m_{002}^{(11)}m_{111}^{(20)}\\
&+m_{100}^{(10)}m_{002}^{(11)}m_{102}^{(10)}+m_{100}^{(10)}m_{002}^{(11)}m_{012}^{(00)}-2m_{100}^{(10)}m_{002}^{(20)}m_{120}^{(21)}+m_{100}^{(10)}m_{002}^{(20)}m_{111}^{(11)}\\
&+m_{100}^{(10)}m_{002}^{(20)}m_{021}^{(10)}+2m_{100}^{(10)}m_{002}^{(21)}m_{120}^{(20)}-m_{100}^{(10)}m_{002}^{(21)}m_{111}^{(10)}-m_{100}^{(10)}m_{002}^{(21)}m_{021}^{(00)}\\
&+m_{100}^{(11)}m_{200}^{(11)}m_{102}^{(22)}-m_{100}^{(11)}m_{200}^{(11)}m_{003}^{(20)}-m_{100}^{(11)}m_{200}^{(21)}m_{111}^{(22)}-m_{100}^{(11)}m_{200}^{(21)}m_{102}^{(21)}\\
&+m_{100}^{(11)}m_{200}^{(21)}m_{012}^{(20)}+m_{100}^{(11)}m_{200}^{(21)}m_{003}^{(10)}+m_{100}^{(11)}m_{200}^{(22)}m_{111}^{(21)}-m_{100}^{(11)}m_{200}^{(22)}m_{012}^{(10)}\\
&-m_{100}^{(11)}m_{110}^{(10)}m_{102}^{(22)}+m_{100}^{(11)}m_{110}^{(10)}m_{003}^{(20)}+m_{100}^{(11)}m_{110}^{(20)}m_{111}^{(22)}-m_{100}^{(11)}m_{110}^{(20)}m_{012}^{(20)}\\
&+m_{100}^{(11)}m_{110}^{(21)}m_{102}^{(20)}-m_{100}^{(11)}m_{110}^{(21)}m_{003}^{(00)}-m_{100}^{(11)}m_{110}^{(22)}m_{111}^{(20)}+m_{100}^{(11)}m_{110}^{(22)}m_{012}^{(00)}\\
&+m_{100}^{(11)}m_{101}^{(10)}m_{102}^{(21)}-m_{100}^{(11)}m_{101}^{(10)}m_{003}^{(10)}-m_{100}^{(11)}m_{101}^{(11)}m_{201}^{(22)}+m_{100}^{(11)}m_{101}^{(11)}m_{003}^{(00)}\\
&-m_{100}^{(11)}m_{101}^{(20)}m_{111}^{(21)}+m_{100}^{(11)}m_{101}^{(20)}m_{012}^{(10)}+m_{100}^{(11)}m_{101}^{(21)}m_{210}^{(22)}+m_{100}^{(11)}m_{101}^{(21)}m_{201}^{(21)}\\
&-m_{100}^{(11)}m_{101}^{(21)}m_{102}^{(10)}-m_{100}^{(11)}m_{101}^{(21)}m_{012}^{(00)}-m_{100}^{(11)}m_{101}^{(22)}m_{210}^{(21)}+m_{100}^{(11)}m_{101}^{(22)}m_{111}^{(10)}\\
&+m_{100}^{(11)}m_{011}^{(10)}m_{201}^{(22)}-m_{100}^{(11)}m_{011}^{(10)}m_{102}^{(20)}-m_{100}^{(11)}m_{011}^{(20)}m_{210}^{(22)}+m_{100}^{(11)}m_{011}^{(20)}m_{111}^{(20)}\\
&-m_{100}^{(11)}m_{011}^{(21)}m_{201}^{(20)}+m_{100}^{(11)}m_{011}^{(21)}m_{102}^{(00)}+m_{100}^{(11)}m_{011}^{(22)}m_{210}^{(20)}-m_{100}^{(11)}m_{011}^{(22)}m_{111}^{(00)}\\
&-m_{100}^{(11)}m_{002}^{(10)}m_{201}^{(21)}+m_{100}^{(11)}m_{002}^{(10)}m_{102}^{(10)}+m_{100}^{(11)}m_{002}^{(11)}m_{201}^{(20)}-m_{100}^{(11)}m_{002}^{(11)}m_{102}^{(00)}\\
&+m_{100}^{(11)}m_{002}^{(20)}m_{210}^{(21)}-m_{100}^{(11)}m_{002}^{(20)}m_{111}^{(10)}-m_{100}^{(11)}m_{002}^{(21)}m_{210}^{(20)}+m_{100}^{(11)}m_{002}^{(21)}m_{111}^{(00)}\\
&+m_{100}^{(20)}m_{200}^{(11)}m_{021}^{(22)}-m_{100}^{(20)}m_{200}^{(11)}m_{012}^{(21)}-m_{100}^{(20)}m_{200}^{(21)}m_{030}^{(22)}+m_{100}^{(20)}m_{200}^{(21)}m_{012}^{(11)}\\
&+m_{100}^{(20)}m_{200}^{(22)}m_{030}^{(21)}-m_{100}^{(20)}m_{200}^{(22)}m_{021}^{(11)}-m_{100}^{(20)}m_{110}^{(10)}m_{021}^{(22)}+m_{100}^{(20)}m_{110}^{(10)}m_{012}^{(21)}\\
&-m_{100}^{(20)}m_{110}^{(11)}m_{111}^{(22)}+2m_{100}^{(20)}m_{110}^{(11)}m_{102}^{(21)}-m_{100}^{(20)}m_{110}^{(11)}m_{012}^{(20)}+m_{100}^{(20)}m_{110}^{(20)}m_{030}^{(22)}\\
&-m_{100}^{(20)}m_{110}^{(20)}m_{021}^{(21)}+m_{100}^{(20)}m_{110}^{(21)}m_{120}^{(22)}-m_{100}^{(20)}m_{110}^{(21)}m_{111}^{(21)}-2m_{100}^{(20)}m_{110}^{(21)}m_{102}^{(11)}\\
&+2m_{100}^{(20)}m_{110}^{(21)}m_{021}^{(20)}-m_{100}^{(20)}m_{110}^{(22)}m_{120}^{(21)}+2m_{100}^{(20)}m_{110}^{(22)}m_{111}^{(11)}-m_{100}^{(20)}m_{110}^{(22)}m_{030}^{(20)}\\
&+m_{100}^{(20)}m_{101}^{(10)}m_{021}^{(21)}-m_{100}^{(20)}m_{101}^{(10)}m_{012}^{(11)}-m_{100}^{(20)}m_{101}^{(11)}m_{111}^{(21)}+m_{100}^{(20)}m_{101}^{(11)}m_{012}^{(10)}\\
&-m_{100}^{(20)}m_{101}^{(20)}m_{030}^{(21)}+m_{100}^{(20)}m_{101}^{(20)}m_{021}^{(11)}+m_{100}^{(20)}m_{101}^{(21)}m_{120}^{(21)}+m_{100}^{(20)}m_{101}^{(21)}m_{111}^{(11)}\\
&-2m_{100}^{(20)}m_{101}^{(21)}m_{021}^{(10)}-m_{100}^{(20)}m_{101}^{(22)}m_{120}^{(11)}+m_{100}^{(20)}m_{101}^{(22)}m_{030}^{(10)}+m_{100}^{(20)}m_{020}^{(10)}m_{111}^{(22)}\\
&-2m_{100}^{(20)}m_{020}^{(10)}m_{102}^{(21)}+m_{100}^{(20)}m_{020}^{(10)}m_{012}^{(20)}-m_{100}^{(20)}m_{020}^{(20)}m_{120}^{(22)}+2m_{100}^{(20)}m_{020}^{(20)}m_{111}^{(21)}\\
&-m_{100}^{(20)}m_{020}^{(20)}m_{021}^{(20)}-m_{100}^{(20)}m_{020}^{(21)}m_{111}^{(20)}+2m_{100}^{(20)}m_{020}^{(21)}m_{102}^{(10)}-m_{100}^{(20)}m_{020}^{(21)}m_{012}^{(00)}\\
&+m_{100}^{(20)}m_{020}^{(22)}m_{120}^{(20)}-2m_{100}^{(20)}m_{020}^{(22)}m_{111}^{(10)}+m_{100}^{(20)}m_{020}^{(22)}m_{021}^{(00)}+2m_{100}^{(20)}m_{011}^{(10)}m_{102}^{(11)}\\
&-m_{100}^{(20)}m_{011}^{(10)}m_{021}^{(20)}-m_{100}^{(20)}m_{011}^{(10)}m_{012}^{(10)}+m_{100}^{(20)}m_{011}^{(11)}m_{111}^{(20)}-2m_{100}^{(20)}m_{011}^{(11)}m_{102}^{(10)}\\
&+m_{100}^{(20)}m_{011}^{(11)}m_{012}^{(00)}-2m_{100}^{(20)}m_{011}^{(20)}m_{111}^{(11)}+m_{100}^{(20)}m_{011}^{(20)}m_{030}^{(20)}+m_{100}^{(20)}m_{011}^{(20)}m_{021}^{(10)}
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\begin{aligned}
&-m_{100}^{(20)}m_{011}^{(21)}m_{120}^{(20)}+m_{100}^{(20)}m_{011}^{(21)}m_{111}^{(10)}+m_{100}^{(20)}m_{011}^{(22)}m_{120}^{(10)}-m_{100}^{(20)}m_{011}^{(22)}m_{030}^{(00)}\\
&-m_{100}^{(20)}m_{002}^{(10)}m_{111}^{(11)}+m_{100}^{(20)}m_{002}^{(10)}m_{021}^{(10)}+m_{100}^{(20)}m_{002}^{(11)}m_{111}^{(10)}-m_{100}^{(20)}m_{002}^{(11)}m_{021}^{(00)}\\
&+m_{100}^{(20)}m_{002}^{(20)}m_{120}^{(11)}-m_{100}^{(20)}m_{002}^{(20)}m_{030}^{(10)}-m_{100}^{(20)}m_{002}^{(21)}m_{120}^{(10)}+m_{100}^{(20)}m_{002}^{(21)}m_{030}^{(00)}\\
&-m_{100}^{(21)}m_{200}^{(11)}m_{111}^{(22)}-m_{100}^{(21)}m_{200}^{(11)}m_{102}^{(21)}+2m_{100}^{(21)}m_{200}^{(11)}m_{012}^{(20)}+m_{100}^{(21)}m_{200}^{(21)}m_{120}^{(22)}\\
&+2m_{100}^{(21)}m_{200}^{(21)}m_{111}^{(21)}+m_{100}^{(21)}m_{200}^{(21)}m_{102}^{(11)}-2m_{100}^{(21)}m_{200}^{(21)}m_{021}^{(20)}-2m_{100}^{(21)}m_{200}^{(21)}m_{012}^{(10)}\\
&-m_{100}^{(21)}m_{200}^{(22)}m_{120}^{(21)}-m_{100}^{(21)}m_{200}^{(22)}m_{111}^{(11)}+2m_{100}^{(21)}m_{200}^{(22)}m_{021}^{(10)}+m_{100}^{(21)}m_{110}^{(10)}m_{111}^{(22)}\\
&+m_{100}^{(21)}m_{110}^{(10)}m_{102}^{(21)}-2m_{100}^{(21)}m_{110}^{(10)}m_{012}^{(20)}+m_{100}^{(21)}m_{110}^{(11)}m_{201}^{(22)}-m_{100}^{(21)}m_{110}^{(11)}m_{102}^{(20)}\\
&-m_{100}^{(21)}m_{110}^{(20)}m_{120}^{(22)}-m_{100}^{(21)}m_{110}^{(20)}m_{111}^{(21)}+2m_{100}^{(21)}m_{110}^{(20)}m_{021}^{(20)}-m_{100}^{(21)}m_{110}^{(21)}m_{210}^{(22)}\\
&-m_{100}^{(21)}m_{110}^{(21)}m_{201}^{(21)}+2m_{100}^{(21)}m_{110}^{(21)}m_{012}^{(00)}+m_{100}^{(21)}m_{110}^{(22)}m_{210}^{(21)}+m_{100}^{(21)}m_{110}^{(22)}m_{120}^{(20)}\\
&-2m_{100}^{(21)}m_{110}^{(22)}m_{021}^{(00)}-m_{100}^{(21)}m_{101}^{(10)}m_{111}^{(21)}-m_{100}^{(21)}m_{101}^{(10)}m_{102}^{(11)}+2m_{100}^{(21)}m_{101}^{(10)}m_{012}^{(10)}\\
&+m_{100}^{(21)}m_{101}^{(11)}m_{201}^{(21)}+m_{100}^{(21)}m_{101}^{(11)}m_{102}^{(10)}-2m_{100}^{(21)}m_{101}^{(11)}m_{012}^{(00)}+m_{100}^{(21)}m_{101}^{(20)}m_{120}^{(21)}\\
&+m_{100}^{(21)}m_{101}^{(20)}m_{111}^{(11)}-2m_{100}^{(21)}m_{101}^{(20)}m_{021}^{(10)}-m_{100}^{(21)}m_{101}^{(21)}m_{210}^{(21)}-m_{100}^{(21)}m_{101}^{(21)}m_{201}^{(11)}\\
&+2m_{100}^{(21)}m_{101}^{(21)}m_{021}^{(00)}+m_{100}^{(21)}m_{101}^{(22)}m_{210}^{(11)}-m_{100}^{(21)}m_{101}^{(22)}m_{120}^{(10)}-m_{100}^{(21)}m_{020}^{(10)}m_{201}^{(22)}\\
&+m_{100}^{(21)}m_{020}^{(10)}m_{102}^{(20)}+m_{100}^{(21)}m_{020}^{(20)}m_{210}^{(22)}-m_{100}^{(21)}m_{020}^{(20)}m_{111}^{(20)}+m_{100}^{(21)}m_{020}^{(21)}m_{201}^{(20)}\\
&-m_{100}^{(21)}m_{020}^{(21)}m_{102}^{(00)}-m_{100}^{(21)}m_{020}^{(22)}m_{210}^{(20)}+m_{100}^{(21)}m_{020}^{(22)}m_{111}^{(00)}+m_{100}^{(21)}m_{011}^{(10)}m_{111}^{(20)}\\
&-m_{100}^{(21)}m_{011}^{(10)}m_{102}^{(10)}-m_{100}^{(21)}m_{011}^{(11)}m_{201}^{(20)}+m_{100}^{(21)}m_{011}^{(11)}m_{102}^{(00)}-m_{100}^{(21)}m_{011}^{(20)}m_{120}^{(20)}\\
&+m_{100}^{(21)}m_{011}^{(20)}m_{111}^{(10)}+m_{100}^{(21)}m_{011}^{(21)}m_{210}^{(20)}+m_{100}^{(21)}m_{011}^{(21)}m_{201}^{(10)}-2m_{100}^{(21)}m_{011}^{(21)}m_{111}^{(00)}\\
&-m_{100}^{(21)}m_{011}^{(22)}m_{210}^{(10)}+m_{100}^{(21)}m_{011}^{(22)}m_{120}^{(00)}+m_{100}^{(21)}m_{002}^{(10)}m_{201}^{(11)}-m_{100}^{(21)}m_{002}^{(10)}m_{111}^{(10)}\\
&-m_{100}^{(21)}m_{002}^{(11)}m_{201}^{(10)}+m_{100}^{(21)}m_{002}^{(11)}m_{111}^{(00)}-m_{100}^{(21)}m_{002}^{(20)}m_{210}^{(11)}+m_{100}^{(21)}m_{002}^{(20)}m_{120}^{(10)}\\
&+m_{100}^{(21)}m_{002}^{(21)}m_{210}^{(10)}-m_{100}^{(21)}m_{002}^{(21)}m_{120}^{(00)}+m_{100}^{(22)}m_{200}^{(11)}m_{111}^{(21)}-m_{100}^{(22)}m_{200}^{(11)}m_{021}^{(20)}\\
&-m_{100}^{(22)}m_{200}^{(21)}m_{120}^{(21)}-m_{100}^{(22)}m_{200}^{(21)}m_{111}^{(11)}+m_{100}^{(22)}m_{200}^{(21)}m_{030}^{(20)}+m_{100}^{(22)}m_{200}^{(21)}m_{021}^{(10)}\\
&+m_{100}^{(22)}m_{200}^{(22)}m_{120}^{(11)}-m_{100}^{(22)}m_{200}^{(22)}m_{030}^{(10)}-m_{100}^{(22)}m_{110}^{(10)}m_{111}^{(21)}+m_{100}^{(22)}m_{110}^{(10)}m_{021}^{(20)}\\
&-m_{100}^{(22)}m_{110}^{(11)}m_{201}^{(21)}+m_{100}^{(22)}m_{110}^{(11)}m_{111}^{(20)}+m_{100}^{(22)}m_{110}^{(20)}m_{120}^{(21)}-m_{100}^{(22)}m_{110}^{(20)}m_{030}^{(20)}\\
&+m_{100}^{(22)}m_{110}^{(21)}m_{210}^{(21)}+m_{100}^{(22)}m_{110}^{(21)}m_{201}^{(11)}-m_{100}^{(22)}m_{110}^{(21)}m_{120}^{(20)}-m_{100}^{(22)}m_{110}^{(21)}m_{021}^{(00)}\\
&-m_{100}^{(22)}m_{110}^{(22)}m_{210}^{(11)}+m_{100}^{(22)}m_{110}^{(22)}m_{030}^{(00)}+m_{100}^{(22)}m_{101}^{(10)}m_{111}^{(11)}-m_{100}^{(22)}m_{101}^{(10)}m_{021}^{(10)}\\
&-m_{100}^{(22)}m_{101}^{(11)}m_{111}^{(10)}+m_{100}^{(22)}m_{101}^{(11)}m_{021}^{(00)}-m_{100}^{(22)}m_{101}^{(20)}m_{120}^{(11)}+m_{100}^{(22)}m_{101}^{(20)}m_{030}^{(10)}\\
&+m_{100}^{(22)}m_{101}^{(21)}m_{120}^{(10)}-m_{100}^{(22)}m_{101}^{(21)}m_{030}^{(00)}+m_{100}^{(22)}m_{020}^{(10)}m_{201}^{(21)}-m_{100}^{(22)}m_{020}^{(10)}m_{111}^{(20)}\\
&-m_{100}^{(22)}m_{020}^{(20)}m_{210}^{(21)}+m_{100}^{(22)}m_{020}^{(20)}m_{111}^{(21)}-m_{100}^{(22)}m_{020}^{(21)}m_{201}^{(10)}+m_{100}^{(22)}m_{020}^{(21)}m_{111}^{(00)}\\
&+m_{100}^{(22)}m_{020}^{(22)}m_{210}^{(10)}-m_{100}^{(22)}m_{020}^{(22)}m_{120}^{(00)}-m_{100}^{(22)}m_{011}^{(10)}m_{201}^{(11)}+m_{100}^{(22)}m_{011}^{(10)}m_{111}^{(10)}\\
&+m_{100}^{(22)}m_{011}^{(11)}m_{201}^{(10)}-m_{100}^{(22)}m_{011}^{(11)}m_{111}^{(00)}+m_{100}^{(22)}m_{011}^{(20)}m_{210}^{(11)}-m_{100}^{(22)}m_{011}^{(20)}m_{120}^{(10)}\\
&-m_{100}^{(22)}m_{011}^{(21)}m_{210}^{(10)}+m_{100}^{(22)}m_{011}^{(21)}m_{120}^{(00)}-m_{010}^{(00)}m_{110}^{(10)}m_{012}^{(22)}+m_{010}^{(00)}m_{110}^{(10)}m_{003}^{(21)}\\
&+m_{010}^{(00)}m_{110}^{(20)}m_{012}^{(21)}-m_{010}^{(00)}m_{110}^{(20)}m_{003}^{(11)}+m_{010}^{(00)}m_{110}^{(21)}m_{111}^{(22)}-m_{010}^{(00)}m_{110}^{(21)}m_{102}^{(21)}\\
&-m_{010}^{(00)}m_{110}^{(22)}m_{111}^{(21)}+m_{010}^{(00)}m_{110}^{(22)}m_{102}^{(11)}+m_{010}^{(00)}m_{101}^{(10)}m_{021}^{(22)}-m_{010}^{(00)}m_{101}^{(10)}m_{012}^{(21)}\\
&-m_{010}^{(00)}m_{101}^{(20)}m_{021}^{(21)}+m_{010}^{(00)}m_{101}^{(20)}m_{012}^{(11)}-m_{010}^{(00)}m_{101}^{(21)}m_{120}^{(22)}+m_{010}^{(00)}m_{101}^{(21)}m_{111}^{(21)}\\
&+m_{010}^{(00)}m_{101}^{(22)}m_{120}^{(21)}-m_{010}^{(00)}m_{101}^{(22)}m_{111}^{(11)}+m_{010}^{(00)}m_{020}^{(00)}m_{012}^{(22)}-m_{010}^{(00)}m_{020}^{(00)}m_{003}^{(21)}\\
&-m_{010}^{(00)}m_{020}^{(20)}m_{111}^{(22)}+m_{010}^{(00)}m_{020}^{(20)}m_{102}^{(21)}-m_{010}^{(00)}m_{020}^{(20)}m_{012}^{(20)}+m_{010}^{(00)}m_{020}^{(20)}m_{003}^{(10)}\\
&+m_{010}^{(00)}m_{020}^{(22)}m_{111}^{(20)}-m_{010}^{(00)}m_{020}^{(22)}m_{102}^{(10)}-m_{010}^{(00)}m_{011}^{(00)}m_{021}^{(22)}+m_{010}^{(00)}m_{011}^{(00)}m_{003}^{(11)}\\
&+m_{010}^{(00)}m_{011}^{(10)}m_{012}^{(20)}-m_{010}^{(00)}m_{011}^{(10)}m_{003}^{(10)}+m_{010}^{(00)}m_{011}^{(20)}m_{120}^{(22)}-m_{010}^{(00)}m_{011}^{(20)}m_{102}^{(11)}
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\begin{aligned}
&+m_{010}^{(00)}m_{011}^{(20)}m_{021}^{(20)} - m_{010}^{(00)}m_{011}^{(20)}m_{012}^{(10)} - m_{010}^{(00)}m_{011}^{(21)}m_{111}^{(20)} + m_{010}^{(00)}m_{011}^{(21)}m_{102}^{(10)}\\
&-m_{010}^{(00)}m_{011}^{(22)}m_{120}^{(20)} + m_{010}^{(00)}m_{011}^{(22)}m_{111}^{(10)} + m_{010}^{(00)}m_{002}^{(00)}m_{021}^{(21)} - m_{010}^{(00)}m_{002}^{(00)}m_{012}^{(11)}\\
&-m_{010}^{(00)}m_{002}^{(10)}m_{021}^{(20)} + m_{010}^{(00)}m_{002}^{(10)}m_{012}^{(10)} - m_{010}^{(00)}m_{002}^{(20)}m_{120}^{(21)} + m_{010}^{(00)}m_{002}^{(20)}m_{111}^{(11)}\\
&+m_{010}^{(00)}m_{002}^{(21)}m_{120}^{(20)} - m_{010}^{(00)}m_{002}^{(21)}m_{111}^{(10)} + m_{010}^{(10)}m_{200}^{(10)}m_{012}^{(22)} - m_{010}^{(10)}m_{200}^{(10)}m_{003}^{(21)}\\
&-m_{010}^{(10)}m_{200}^{(20)}m_{012}^{(21)} + m_{010}^{(10)}m_{200}^{(20)}m_{003}^{(11)} - m_{010}^{(10)}m_{200}^{(21)}m_{111}^{(22)} + m_{010}^{(10)}m_{200}^{(21)}m_{102}^{(21)}\\
&+m_{010}^{(10)}m_{200}^{(22)}m_{111}^{(21)} - m_{010}^{(10)}m_{200}^{(22)}m_{102}^{(11)} - m_{010}^{(10)}m_{110}^{(00)}m_{012}^{(22)} + m_{010}^{(10)}m_{110}^{(00)}m_{003}^{(21)}\\
&+m_{010}^{(10)}m_{110}^{(10)}m_{102}^{(22)} - m_{010}^{(10)}m_{110}^{(10)}m_{003}^{(20)} + m_{010}^{(10)}m_{110}^{(20)}m_{111}^{(22)} - 2m_{010}^{(10)}m_{110}^{(20)}m_{102}^{(21)}\\
&+m_{010}^{(10)}m_{110}^{(20)}m_{012}^{(20)} - m_{010}^{(10)}m_{110}^{(21)}m_{201}^{(22)} + m_{010}^{(10)}m_{110}^{(21)}m_{102}^{(20)} + m_{010}^{(10)}m_{110}^{(22)}m_{201}^{(21)}\\
&-m_{010}^{(10)}m_{110}^{(22)}m_{111}^{(20)} + m_{010}^{(10)}m_{101}^{(00)}m_{012}^{(21)} - m_{010}^{(10)}m_{101}^{(00)}m_{003}^{(11)} - 2m_{010}^{(10)}m_{101}^{(10)}m_{111}^{(22)}\\
&+m_{010}^{(10)}m_{101}^{(10)}m_{102}^{(21)} + m_{010}^{(10)}m_{101}^{(10)}m_{003}^{(10)} + m_{010}^{(10)}m_{101}^{(20)}m_{111}^{(21)} - m_{010}^{(10)}m_{101}^{(20)}m_{012}^{(10)}\\
&+2m_{010}^{(10)}m_{101}^{(21)}m_{210}^{(22)} - m_{010}^{(10)}m_{101}^{(21)}m_{201}^{(21)} - m_{010}^{(10)}m_{101}^{(21)}m_{102}^{(10)} - 2m_{010}^{(10)}m_{101}^{(22)}m_{210}^{(21)}\\
&+m_{010}^{(10)}m_{101}^{(22)}m_{201}^{(11)} + m_{010}^{(10)}m_{101}^{(22)}m_{111}^{(10)} - m_{010}^{(10)}m_{020}^{(00)}m_{102}^{(22)} + m_{010}^{(10)}m_{020}^{(00)}m_{003}^{(20)}\\
&+m_{010}^{(10)}m_{020}^{(20)}m_{201}^{(22)} - m_{010}^{(10)}m_{020}^{(20)}m_{003}^{(00)} - m_{010}^{(10)}m_{020}^{(22)}m_{201}^{(20)} + m_{010}^{(10)}m_{020}^{(22)}m_{102}^{(00)}\\
&+2m_{010}^{(10)}m_{011}^{(00)}m_{111}^{(22)} - m_{010}^{(10)}m_{011}^{(00)}m_{012}^{(20)} - m_{010}^{(10)}m_{011}^{(00)}m_{003}^{(10)} - m_{010}^{(10)}m_{011}^{(10)}m_{102}^{(20)}\\
&+m_{010}^{(10)}m_{011}^{(10)}m_{003}^{(00)} - 2m_{010}^{(10)}m_{011}^{(20)}m_{210}^{(22)} - m_{010}^{(10)}m_{011}^{(20)}m_{111}^{(20)} + 2m_{010}^{(10)}m_{011}^{(20)}m_{102}^{(10)}\\
&+m_{010}^{(10)}m_{011}^{(20)}m_{012}^{(00)} + m_{010}^{(10)}m_{011}^{(21)}m_{201}^{(20)} - m_{010}^{(10)}m_{011}^{(21)}m_{102}^{(00)} + 2m_{010}^{(10)}m_{011}^{(22)}m_{210}^{(20)}\\
&-m_{010}^{(10)}m_{011}^{(22)}m_{201}^{(10)} - m_{010}^{(10)}m_{011}^{(22)}m_{111}^{(00)} - 2m_{010}^{(10)}m_{002}^{(00)}m_{111}^{(21)} + m_{010}^{(10)}m_{002}^{(00)}m_{102}^{(11)}\\
&+m_{010}^{(10)}m_{002}^{(00)}m_{012}^{(10)} + 2m_{010}^{(10)}m_{002}^{(10)}m_{111}^{(20)} - m_{010}^{(10)}m_{002}^{(10)}m_{102}^{(10)} - m_{010}^{(10)}m_{002}^{(10)}m_{012}^{(00)}\\
&+2m_{010}^{(10)}m_{002}^{(20)}m_{210}^{(21)} - m_{010}^{(10)}m_{002}^{(20)}m_{201}^{(11)} - m_{010}^{(10)}m_{002}^{(20)}m_{111}^{(10)} - 2m_{010}^{(10)}m_{002}^{(21)}m_{210}^{(20)}\\
&+m_{010}^{(10)}m_{002}^{(21)}m_{201}^{(10)} + m_{010}^{(10)}m_{002}^{(21)}m_{111}^{(00)} - m_{010}^{(11)}m_{200}^{(10)}m_{102}^{(22)} + m_{010}^{(11)}m_{200}^{(10)}m_{003}^{(20)}\\
&+m_{010}^{(11)}m_{200}^{(20)}m_{102}^{(21)} - m_{010}^{(11)}m_{200}^{(20)}m_{003}^{(10)} + m_{010}^{(11)}m_{200}^{(21)}m_{201}^{(22)} - m_{010}^{(11)}m_{200}^{(21)}m_{102}^{(20)}\\
&-m_{010}^{(11)}m_{200}^{(22)}m_{201}^{(21)} + m_{010}^{(11)}m_{200}^{(22)}m_{102}^{(10)} + m_{010}^{(11)}m_{110}^{(00)}m_{102}^{(22)} - m_{010}^{(11)}m_{110}^{(00)}m_{003}^{(20)}\\
&-m_{010}^{(11)}m_{110}^{(20)}m_{201}^{(22)} + m_{010}^{(11)}m_{110}^{(20)}m_{003}^{(00)} + m_{010}^{(11)}m_{110}^{(22)}m_{201}^{(20)} - m_{010}^{(11)}m_{110}^{(22)}m_{102}^{(00)}\\
&-m_{010}^{(11)}m_{101}^{(00)}m_{102}^{(21)} + m_{010}^{(11)}m_{101}^{(00)}m_{003}^{(10)} + m_{010}^{(11)}m_{101}^{(10)}m_{201}^{(22)} - m_{010}^{(11)}m_{101}^{(10)}m_{003}^{(00)}\\
&-m_{010}^{(11)}m_{101}^{(21)}m_{300}^{(22)} + m_{010}^{(11)}m_{101}^{(21)}m_{102}^{(00)} + m_{010}^{(11)}m_{101}^{(22)}m_{300}^{(21)} - m_{010}^{(11)}m_{101}^{(22)}m_{201}^{(10)}\\
&-m_{010}^{(11)}m_{011}^{(00)}m_{201}^{(22)} + m_{010}^{(11)}m_{011}^{(00)}m_{102}^{(20)} + m_{010}^{(11)}m_{011}^{(20)}m_{300}^{(22)} - m_{010}^{(11)}m_{011}^{(20)}m_{102}^{(00)}\\
&-m_{010}^{(11)}m_{011}^{(22)}m_{300}^{(20)} + m_{010}^{(11)}m_{011}^{(22)}m_{201}^{(00)} + m_{010}^{(11)}m_{002}^{(00)}m_{201}^{(21)} - m_{010}^{(11)}m_{002}^{(00)}m_{102}^{(10)}\\
&-m_{010}^{(11)}m_{002}^{(10)}m_{201}^{(20)} + m_{010}^{(11)}m_{002}^{(10)}m_{102}^{(00)} - m_{010}^{(11)}m_{002}^{(20)}m_{300}^{(21)} + m_{010}^{(11)}m_{002}^{(20)}m_{201}^{(10)}\\
&+m_{010}^{(11)}m_{002}^{(21)}m_{300}^{(20)} - m_{010}^{(11)}m_{002}^{(21)}m_{201}^{(00)} - m_{010}^{(20)}m_{200}^{(10)}m_{021}^{(22)} + m_{010}^{(20)}m_{200}^{(10)}m_{012}^{(21)}\\
&+m_{010}^{(20)}m_{200}^{(20)}m_{021}^{(21)} - m_{010}^{(20)}m_{200}^{(20)}m_{012}^{(11)} + m_{010}^{(20)}m_{200}^{(21)}m_{120}^{(22)} - m_{010}^{(20)}m_{200}^{(21)}m_{111}^{(21)}\\
&-m_{010}^{(20)}m_{200}^{(22)}m_{120}^{(21)} + m_{010}^{(20)}m_{200}^{(22)}m_{111}^{(11)} + m_{010}^{(20)}m_{110}^{(00)}m_{021}^{(22)} - m_{010}^{(20)}m_{110}^{(00)}m_{012}^{(21)}\\
&+m_{010}^{(20)}m_{110}^{(10)}m_{111}^{(22)} - 2m_{010}^{(20)}m_{110}^{(10)}m_{102}^{(21)} + m_{010}^{(20)}m_{110}^{(10)}m_{012}^{(20)} - m_{010}^{(20)}m_{110}^{(20)}m_{120}^{(22)}\\
&+2m_{010}^{(20)}m_{110}^{(20)}m_{102}^{(11)} - m_{010}^{(20)}m_{110}^{(20)}m_{021}^{(20)} - m_{010}^{(20)}m_{110}^{(21)}m_{210}^{(22)} + 2m_{010}^{(20)}m_{110}^{(21)}m_{201}^{(21)}\\
&-m_{010}^{(20)}m_{110}^{(21)}m_{111}^{(20)} + m_{010}^{(20)}m_{110}^{(22)}m_{210}^{(21)} - 2m_{010}^{(20)}m_{110}^{(22)}m_{201}^{(11)} + m_{010}^{(20)}m_{110}^{(22)}m_{120}^{(20)}\\
&-m_{010}^{(20)}m_{101}^{(00)}m_{021}^{(21)} + m_{010}^{(20)}m_{101}^{(00)}m_{012}^{(11)} + m_{010}^{(20)}m_{101}^{(10)}m_{111}^{(21)} - m_{010}^{(20)}m_{101}^{(10)}m_{012}^{(10)}\\
&+m_{010}^{(20)}m_{101}^{(20)}m_{120}^{(21)} - 2m_{010}^{(20)}m_{101}^{(20)}m_{111}^{(11)} + m_{010}^{(20)}m_{101}^{(20)}m_{021}^{(10)} - m_{010}^{(20)}m_{101}^{(21)}m_{210}^{(21)}\\
&+m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(10)} + m_{010}^{(20)}m_{101}^{(22)}m_{210}^{(11)} - m_{010}^{(20)}m_{101}^{(22)}m_{120}^{(10)} - m_{010}^{(20)}m_{020}^{(00)}m_{111}^{(22)}\\
&+2m_{010}^{(20)}m_{020}^{(00)}m_{102}^{(21)} - m_{010}^{(20)}m_{020}^{(00)}m_{012}^{(20)} + m_{010}^{(20)}m_{020}^{(20)}m_{210}^{(22)} - 2m_{010}^{(20)}m_{020}^{(20)}m_{201}^{(21)}
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\begin{aligned}
&+2m_{010}^{(20)}m_{020}^{(20)}m_{111}^{(20)} - 2m_{010}^{(20)}m_{020}^{(20)}m_{102}^{(10)} + m_{010}^{(20)}m_{020}^{(20)}m_{012}^{(00)} - m_{010}^{(20)}m_{020}^{(22)}m_{210}^{(20)}\\
&+2m_{010}^{(20)}m_{020}^{(22)}m_{201}^{(10)} - m_{010}^{(20)}m_{020}^{(22)}m_{111}^{(00)} - 2m_{010}^{(20)}m_{011}^{(00)}m_{102}^{(11)} + m_{010}^{(20)}m_{011}^{(00)}m_{021}^{(20)}\\
&+m_{010}^{(20)}m_{011}^{(00)}m_{012}^{(10)} - m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(20)} + 2m_{010}^{(20)}m_{011}^{(10)}m_{102}^{(10)} - m_{010}^{(20)}m_{011}^{(10)}m_{012}^{(00)}\\
&+2m_{010}^{(20)}m_{011}^{(20)}m_{201}^{(11)} - m_{010}^{(20)}m_{011}^{(20)}m_{120}^{(20)} - m_{010}^{(20)}m_{011}^{(20)}m_{021}^{(00)} + m_{010}^{(20)}m_{011}^{(21)}m_{210}^{(20)}\\
&-2m_{010}^{(20)}m_{011}^{(21)}m_{201}^{(10)} + m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(00)} - m_{010}^{(20)}m_{011}^{(22)}m_{210}^{(10)} + m_{010}^{(20)}m_{011}^{(22)}m_{120}^{(00)}\\
&+m_{010}^{(20)}m_{002}^{(00)}m_{111}^{(11)} - m_{010}^{(20)}m_{002}^{(00)}m_{021}^{(10)} - m_{010}^{(20)}m_{002}^{(10)}m_{111}^{(10)} + m_{010}^{(20)}m_{002}^{(10)}m_{021}^{(00)}\\
&-m_{010}^{(20)}m_{002}^{(20)}m_{210}^{(11)} + m_{010}^{(20)}m_{002}^{(20)}m_{120}^{(10)} + m_{010}^{(20)}m_{002}^{(21)}m_{210}^{(10)} - m_{010}^{(20)}m_{002}^{(21)}m_{120}^{(00)}\\
&+m_{010}^{(21)}m_{200}^{(10)}m_{111}^{(22)} + m_{010}^{(21)}m_{200}^{(10)}m_{102}^{(21)} - 2m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(20)} - m_{010}^{(21)}m_{200}^{(20)}m_{111}^{(21)}\\
&-m_{010}^{(21)}m_{200}^{(20)}m_{102}^{(11)} + 2m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(10)} - m_{010}^{(21)}m_{200}^{(21)}m_{210}^{(22)} - m_{010}^{(21)}m_{200}^{(21)}m_{201}^{(21)}\\
&+2m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(20)} + m_{010}^{(21)}m_{200}^{(22)}m_{210}^{(21)} + m_{010}^{(21)}m_{200}^{(22)}m_{201}^{(11)} - 2m_{010}^{(21)}m_{200}^{(22)}m_{111}^{(10)}\\
&-m_{010}^{(21)}m_{110}^{(00)}m_{111}^{(22)} - m_{010}^{(21)}m_{110}^{(00)}m_{102}^{(21)} + 2m_{010}^{(21)}m_{110}^{(00)}m_{012}^{(20)} - m_{010}^{(21)}m_{110}^{(10)}m_{201}^{(22)}\\
&+m_{010}^{(21)}m_{110}^{(10)}m_{102}^{(20)} + m_{010}^{(21)}m_{110}^{(20)}m_{210}^{(22)} + 2m_{010}^{(21)}m_{110}^{(20)}m_{201}^{(21)} - m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(20)}\\
&-2m_{010}^{(21)}m_{110}^{(20)}m_{012}^{(00)} + m_{010}^{(21)}m_{110}^{(21)}m_{300}^{(22)} - m_{010}^{(21)}m_{110}^{(21)}m_{201}^{(20)} - m_{010}^{(21)}m_{110}^{(22)}m_{300}^{(21)}\\
&-m_{010}^{(21)}m_{110}^{(22)}m_{210}^{(20)} + 2m_{010}^{(21)}m_{110}^{(22)}m_{111}^{(00)} + m_{010}^{(21)}m_{101}^{(00)}m_{111}^{(21)} + m_{010}^{(21)}m_{101}^{(00)}m_{102}^{(11)}\\
&-2m_{010}^{(21)}m_{101}^{(00)}m_{012}^{(10)} - m_{010}^{(21)}m_{101}^{(10)}m_{201}^{(21)} - m_{010}^{(21)}m_{101}^{(10)}m_{102}^{(10)} + 2m_{010}^{(21)}m_{101}^{(10)}m_{012}^{(00)}\\
&-m_{010}^{(21)}m_{101}^{(20)}m_{210}^{(21)} + m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(10)} + m_{010}^{(21)}m_{101}^{(21)}m_{300}^{(21)} + m_{010}^{(21)}m_{101}^{(21)}m_{201}^{(10)}\\
&-2m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(00)} - m_{010}^{(21)}m_{101}^{(22)}m_{300}^{(11)} + m_{010}^{(21)}m_{101}^{(22)}m_{210}^{(10)} + m_{010}^{(21)}m_{020}^{(00)}m_{201}^{(22)}\\
&-m_{010}^{(21)}m_{020}^{(00)}m_{102}^{(20)} - m_{010}^{(21)}m_{020}^{(20)}m_{300}^{(22)} + m_{010}^{(21)}m_{020}^{(00)}m_{102}^{(22)} + m_{010}^{(21)}m_{020}^{(22)}m_{300}^{(20)}\\
&-m_{010}^{(21)}m_{020}^{(22)}m_{201}^{(00)} - m_{010}^{(21)}m_{011}^{(00)}m_{111}^{(20)} + m_{010}^{(21)}m_{011}^{(00)}m_{102}^{(10)} + m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(20)}\\
&-m_{010}^{(21)}m_{011}^{(10)}m_{102}^{(00)} + m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(20)} - 2m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(10)} + m_{010}^{(21)}m_{011}^{(20)}m_{111}^{(00)}\\
&-m_{010}^{(21)}m_{011}^{(21)}m_{300}^{(20)} + m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(00)} + m_{010}^{(21)}m_{011}^{(22)}m_{300}^{(10)} - m_{010}^{(21)}m_{011}^{(22)}m_{210}^{(00)}\\
&-m_{010}^{(21)}m_{002}^{(00)}m_{201}^{(11)} + m_{010}^{(21)}m_{002}^{(00)}m_{111}^{(10)} + m_{010}^{(21)}m_{002}^{(10)}m_{201}^{(10)} - m_{010}^{(21)}m_{002}^{(10)}m_{111}^{(00)}\\
&+m_{010}^{(21)}m_{002}^{(20)}m_{300}^{(11)} - m_{010}^{(21)}m_{002}^{(20)}m_{210}^{(10)} - m_{010}^{(21)}m_{002}^{(21)}m_{300}^{(10)} + m_{010}^{(21)}m_{002}^{(21)}m_{210}^{(00)}\\
&-m_{010}^{(22)}m_{200}^{(10)}m_{111}^{(21)} + m_{010}^{(22)}m_{200}^{(10)}m_{021}^{(20)} + m_{010}^{(22)}m_{200}^{(20)}m_{111}^{(11)} - m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(10)}\\
&+m_{010}^{(22)}m_{200}^{(21)}m_{210}^{(21)} - m_{010}^{(22)}m_{200}^{(21)}m_{120}^{(20)} - m_{010}^{(22)}m_{200}^{(22)}m_{210}^{(11)} + m_{010}^{(22)}m_{200}^{(22)}m_{120}^{(10)}\\
&+m_{010}^{(22)}m_{110}^{(00)}m_{111}^{(21)} - m_{010}^{(22)}m_{110}^{(00)}m_{021}^{(20)} + m_{010}^{(22)}m_{110}^{(10)}m_{201}^{(21)} - m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(20)}\\
&-m_{010}^{(22)}m_{110}^{(20)}m_{210}^{(21)} - m_{010}^{(22)}m_{110}^{(20)}m_{201}^{(11)} + m_{010}^{(22)}m_{110}^{(20)}m_{120}^{(20)} + m_{010}^{(22)}m_{110}^{(20)}m_{021}^{(00)}\\
&-m_{010}^{(22)}m_{110}^{(21)}m_{300}^{(21)} + m_{010}^{(22)}m_{110}^{(21)}m_{210}^{(20)} + m_{010}^{(22)}m_{110}^{(22)}m_{300}^{(11)} - m_{010}^{(22)}m_{110}^{(22)}m_{120}^{(00)}\\
&-m_{010}^{(22)}m_{101}^{(00)}m_{111}^{(11)} + m_{010}^{(22)}m_{101}^{(00)}m_{021}^{(10)} + m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(10)} - m_{010}^{(22)}m_{101}^{(10)}m_{021}^{(00)}\\
&+m_{010}^{(22)}m_{101}^{(20)}m_{210}^{(11)} - m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(10)} - m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(10)} + m_{010}^{(22)}m_{101}^{(21)}m_{120}^{(00)}\\
&-m_{010}^{(22)}m_{020}^{(00)}m_{201}^{(21)} + m_{010}^{(22)}m_{020}^{(00)}m_{111}^{(20)} + m_{010}^{(22)}m_{020}^{(20)}m_{300}^{(21)} - m_{010}^{(22)}m_{020}^{(20)}m_{210}^{(20)}\\
&+m_{010}^{(22)}m_{020}^{(20)}m_{201}^{(10)} - m_{010}^{(22)}m_{020}^{(20)}m_{111}^{(00)} - m_{010}^{(22)}m_{020}^{(22)}m_{300}^{(10)} + m_{010}^{(22)}m_{020}^{(22)}m_{210}^{(00)}\\
&+m_{010}^{(22)}m_{011}^{(00)}m_{201}^{(11)} - m_{010}^{(22)}m_{011}^{(00)}m_{111}^{(10)} - m_{010}^{(22)}m_{011}^{(10)}m_{201}^{(10)} + m_{010}^{(22)}m_{011}^{(10)}m_{111}^{(00)}\\
&-m_{010}^{(22)}m_{011}^{(20)}m_{300}^{(11)} + m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(10)} + m_{010}^{(22)}m_{011}^{(21)}m_{300}^{(10)} - m_{010}^{(22)}m_{011}^{(21)}m_{210}^{(00)}\\
&+m_{001}^{(00)}m_{110}^{(10)}m_{021}^{(22)} - m_{001}^{(00)}m_{110}^{(10)}m_{012}^{(21)} - m_{001}^{(00)}m_{110}^{(11)}m_{111}^{(22)} + m_{001}^{(00)}m_{110}^{(11)}m_{102}^{(21)}\\
&-m_{001}^{(00)}m_{110}^{(20)}m_{021}^{(11)} + m_{001}^{(00)}m_{110}^{(20)}m_{012}^{(11)} + m_{001}^{(00)}m_{110}^{(21)}m_{111}^{(21)} - m_{001}^{(00)}m_{110}^{(21)}m_{102}^{(11)}\\
&-m_{001}^{(00)}m_{101}^{(10)}m_{030}^{(22)} + m_{001}^{(00)}m_{101}^{(10)}m_{021}^{(21)} + m_{001}^{(00)}m_{101}^{(11)}m_{120}^{(22)} - m_{001}^{(00)}m_{101}^{(11)}m_{111}^{(21)}\\
&+m_{001}^{(00)}m_{101}^{(20)}m_{030}^{(21)} - m_{001}^{(00)}m_{101}^{(20)}m_{021}^{(11)} - m_{001}^{(00)}m_{101}^{(21)}m_{120}^{(21)} + m_{001}^{(00)}m_{101}^{(21)}m_{111}^{(11)}
\end{aligned}
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\begin{aligned}
&-m_{001}^{(00)}m_{020}^{(00)}m_{021}^{(22)}+m_{001}^{(00)}m_{020}^{(00)}m_{012}^{(21)}+m_{001}^{(00)}m_{020}^{(10)}m_{111}^{(22)}-m_{001}^{(00)}m_{020}^{(10)}m_{102}^{(21)}\\
&+m_{001}^{(00)}m_{020}^{(20)}m_{021}^{(20)}-m_{001}^{(00)}m_{020}^{(20)}m_{012}^{(10)}-m_{001}^{(00)}m_{020}^{(21)}m_{111}^{(20)}+m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(10)}\\
&+m_{001}^{(00)}m_{011}^{(00)}m_{030}^{(22)}-m_{001}^{(00)}m_{011}^{(00)}m_{012}^{(11)}-m_{001}^{(00)}m_{011}^{(10)}m_{120}^{(22)}+m_{001}^{(00)}m_{011}^{(10)}m_{102}^{(11)}\\
&-m_{001}^{(00)}m_{011}^{(10)}m_{021}^{(20)}+m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(10)}+m_{001}^{(00)}m_{011}^{(11)}m_{111}^{(20)}-m_{001}^{(00)}m_{011}^{(11)}m_{102}^{(10)}\\
&-m_{001}^{(00)}m_{011}^{(20)}m_{030}^{(20)}+m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(10)}+m_{001}^{(00)}m_{011}^{(21)}m_{120}^{(20)}-m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(10)}\\
&-m_{001}^{(00)}m_{002}^{(00)}m_{030}^{(21)}+m_{001}^{(00)}m_{002}^{(00)}m_{021}^{(11)}+m_{001}^{(00)}m_{002}^{(10)}m_{120}^{(21)}-m_{001}^{(00)}m_{002}^{(10)}m_{111}^{(11)}\\
&+m_{001}^{(00)}m_{002}^{(10)}m_{030}^{(20)}-m_{001}^{(00)}m_{002}^{(10)}m_{021}^{(10)}-m_{001}^{(00)}m_{002}^{(11)}m_{120}^{(20)}+m_{001}^{(00)}m_{002}^{(11)}m_{111}^{(10)}\\
&-m_{001}^{(10)}m_{200}^{(10)}m_{021}^{(22)}+m_{001}^{(10)}m_{200}^{(10)}m_{012}^{(21)}+m_{001}^{(10)}m_{200}^{(11)}m_{111}^{(22)}-m_{001}^{(10)}m_{200}^{(11)}m_{102}^{(21)}\\
&+m_{001}^{(10)}m_{200}^{(20)}m_{021}^{(21)}-m_{001}^{(10)}m_{200}^{(20)}m_{012}^{(11)}-m_{001}^{(10)}m_{200}^{(21)}m_{111}^{(21)}+m_{001}^{(10)}m_{200}^{(21)}m_{102}^{(11)}\\
&+m_{001}^{(10)}m_{110}^{(00)}m_{021}^{(22)}-m_{001}^{(10)}m_{110}^{(00)}m_{012}^{(21)}-2m_{001}^{(10)}m_{110}^{(10)}m_{111}^{(22)}+m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(21)}\\
&+m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(20)}+m_{001}^{(10)}m_{110}^{(11)}m_{201}^{(22)}-m_{001}^{(10)}m_{110}^{(11)}m_{102}^{(20)}+m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(21)}\\
&-m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(20)}-m_{001}^{(10)}m_{110}^{(21)}m_{201}^{(21)}+m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(20)}-m_{001}^{(10)}m_{101}^{(00)}m_{021}^{(21)}\\
&+m_{001}^{(10)}m_{101}^{(00)}m_{012}^{(11)}+2m_{001}^{(10)}m_{101}^{(10)}m_{120}^{(22)}-m_{001}^{(10)}m_{101}^{(10)}m_{102}^{(11)}-m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(10)}\\
&-2m_{001}^{(10)}m_{101}^{(11)}m_{210}^{(22)}+m_{001}^{(10)}m_{101}^{(11)}m_{201}^{(21)}+m_{001}^{(10)}m_{101}^{(11)}m_{102}^{(10)}-2m_{001}^{(10)}m_{101}^{(20)}m_{120}^{(21)}\\
&+m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(11)}+m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(10)}+2m_{001}^{(10)}m_{101}^{(21)}m_{210}^{(21)}-m_{001}^{(10)}m_{101}^{(21)}m_{201}^{(11)}\\
&-m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(10)}+m_{001}^{(10)}m_{020}^{(00)}m_{111}^{(22)}-m_{001}^{(10)}m_{020}^{(00)}m_{012}^{(20)}-m_{001}^{(10)}m_{020}^{(10)}m_{201}^{(22)}\\
&+m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(20)}-m_{001}^{(10)}m_{020}^{(20)}m_{111}^{(20)}+m_{001}^{(10)}m_{020}^{(20)}m_{012}^{(00)}+m_{001}^{(10)}m_{020}^{(21)}m_{201}^{(20)}\\
&-m_{001}^{(10)}m_{020}^{(21)}m_{102}^{(00)}-2m_{001}^{(10)}m_{011}^{(00)}m_{120}^{(22)}+m_{001}^{(10)}m_{011}^{(00)}m_{021}^{(20)}+m_{001}^{(10)}m_{011}^{(00)}m_{012}^{(10)}\\
&+2m_{001}^{(10)}m_{011}^{(10)}m_{210}^{(22)}-m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(10)}-m_{001}^{(10)}m_{011}^{(10)}m_{012}^{(00)}-m_{001}^{(10)}m_{011}^{(11)}m_{201}^{(20)}\\
&+m_{001}^{(10)}m_{011}^{(11)}m_{102}^{(00)}+2m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(20)}-m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(10)}-m_{001}^{(10)}m_{011}^{(20)}m_{021}^{(00)}\\
&-2m_{001}^{(10)}m_{011}^{(21)}m_{210}^{(20)}+m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(10)}+m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(00)}+2m_{001}^{(10)}m_{002}^{(00)}m_{120}^{(21)}\\
&-m_{001}^{(10)}m_{002}^{(00)}m_{111}^{(11)}-m_{001}^{(10)}m_{002}^{(00)}m_{021}^{(10)}-2m_{001}^{(10)}m_{002}^{(10)}m_{210}^{(21)}+m_{001}^{(10)}m_{002}^{(10)}m_{201}^{(11)}\\
&-2m_{001}^{(10)}m_{002}^{(10)}m_{120}^{(20)}+2m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(10)}+m_{001}^{(10)}m_{002}^{(10)}m_{021}^{(00)}+2m_{001}^{(10)}m_{002}^{(11)}m_{210}^{(20)}\\
&-m_{001}^{(10)}m_{002}^{(11)}m_{201}^{(10)}-m_{001}^{(10)}m_{002}^{(11)}m_{111}^{(00)}+m_{001}^{(11)}m_{200}^{(10)}m_{111}^{(22)}-m_{001}^{(11)}m_{200}^{(10)}m_{102}^{(21)}\\
&-m_{001}^{(11)}m_{200}^{(11)}m_{201}^{(22)}+m_{001}^{(11)}m_{200}^{(11)}m_{102}^{(20)}-m_{001}^{(11)}m_{200}^{(20)}m_{111}^{(21)}+m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(10)}\\
&+m_{001}^{(11)}m_{200}^{(21)}m_{201}^{(21)}-m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(10)}-m_{001}^{(11)}m_{110}^{(00)}m_{111}^{(22)}+m_{001}^{(11)}m_{110}^{(00)}m_{012}^{(20)}\\
&+m_{001}^{(11)}m_{110}^{(10)}m_{201}^{(22)}-m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(20)}+m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(20)}-m_{001}^{(11)}m_{110}^{(20)}m_{012}^{(00)}\\
&-m_{001}^{(11)}m_{110}^{(21)}m_{201}^{(20)}+m_{001}^{(11)}m_{110}^{(21)}m_{102}^{(00)}+m_{001}^{(11)}m_{101}^{(00)}m_{111}^{(21)}-m_{001}^{(11)}m_{101}^{(00)}m_{012}^{(10)}\\
&-m_{001}^{(11)}m_{101}^{(10)}m_{210}^{(22)}-m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(21)}+m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(10)}+m_{001}^{(11)}m_{101}^{(10)}m_{012}^{(00)}\\
&+m_{001}^{(11)}m_{101}^{(11)}m_{300}^{(22)}-m_{001}^{(11)}m_{101}^{(11)}m_{102}^{(00)}+m_{001}^{(11)}m_{101}^{(20)}m_{210}^{(21)}-m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(10)}\\
&-m_{001}^{(11)}m_{101}^{(21)}m_{300}^{(21)}+m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(10)}+m_{001}^{(11)}m_{011}^{(00)}m_{210}^{(22)}-m_{001}^{(11)}m_{011}^{(00)}m_{111}^{(20)}\\
&-m_{001}^{(11)}m_{011}^{(10)}m_{300}^{(22)}+m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(20)}-m_{001}^{(11)}m_{011}^{(20)}m_{210}^{(20)}+m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(00)}\\
&+m_{001}^{(11)}m_{011}^{(21)}m_{300}^{(20)}-m_{001}^{(11)}m_{011}^{(21)}m_{201}^{(00)}-m_{001}^{(11)}m_{002}^{(00)}m_{210}^{(21)}+m_{001}^{(11)}m_{002}^{(00)}m_{111}^{(10)}\\
&+m_{001}^{(11)}m_{002}^{(10)}m_{300}^{(21)}+m_{001}^{(11)}m_{002}^{(10)}m_{210}^{(20)}-m_{001}^{(11)}m_{002}^{(10)}m_{201}^{(10)}-m_{001}^{(11)}m_{002}^{(10)}m_{111}^{(00)}\\
&-m_{001}^{(11)}m_{002}^{(11)}m_{300}^{(20)}+m_{001}^{(11)}m_{002}^{(11)}m_{201}^{(00)}+m_{001}^{(20)}m_{200}^{(10)}m_{030}^{(22)}-m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(21)}\\
&-m_{001}^{(20)}m_{200}^{(11)}m_{120}^{(22)}+m_{001}^{(20)}m_{200}^{(11)}m_{111}^{(21)}-m_{001}^{(20)}m_{200}^{(20)}m_{030}^{(21)}+m_{001}^{(20)}m_{200}^{(20)}m_{021}^{(11)}\\
&+m_{001}^{(20)}m_{200}^{(21)}m_{120}^{(21)}-m_{001}^{(20)}m_{200}^{(21)}m_{111}^{(11)}-m_{001}^{(20)}m_{110}^{(00)}m_{030}^{(22)}+m_{001}^{(20)}m_{110}^{(00)}m_{021}^{(21)}\\
&+m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(21)}-m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(20)}+m_{001}^{(20)}m_{110}^{(11)}m_{210}^{(22)}-2m_{001}^{(20)}m_{110}^{(11)}m_{201}^{(21)}
\end{aligned}
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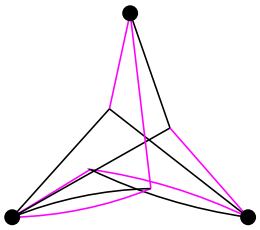
\begin{aligned}
&+m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(20)} + m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(21)} - 2m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(11)} + m_{001}^{(20)}m_{110}^{(20)}m_{030}^{(20)}\\
&-m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(21)} + 2m_{001}^{(20)}m_{110}^{(21)}m_{201}^{(11)} - m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(20)} + m_{001}^{(20)}m_{101}^{(00)}m_{030}^{(21)}\\
&-m_{001}^{(20)}m_{101}^{(00)}m_{021}^{(11)} - 2m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(21)} + m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(11)} + m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(10)}\\
&+m_{001}^{(20)}m_{101}^{(11)}m_{210}^{(21)} - m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(10)} + m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(11)} - m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(10)}\\
&-m_{001}^{(20)}m_{101}^{(21)}m_{210}^{(11)} + m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(10)} + m_{001}^{(20)}m_{020}^{(00)}m_{120}^{(22)} - 2m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(21)}\\
&+m_{001}^{(20)}m_{020}^{(00)}m_{021}^{(20)} - m_{001}^{(20)}m_{020}^{(10)}m_{210}^{(22)} + 2m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(21)} - m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(20)}\\
&-m_{001}^{(20)}m_{020}^{(20)}m_{120}^{(20)} + 2m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(10)} - m_{001}^{(20)}m_{020}^{(20)}m_{021}^{(00)} + m_{001}^{(20)}m_{020}^{(21)}m_{210}^{(20)}\\
&-2m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(10)} + m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(00)} + 2m_{001}^{(20)}m_{011}^{(00)}m_{111}^{(11)} - m_{001}^{(20)}m_{011}^{(00)}m_{030}^{(20)}\\
&-m_{001}^{(20)}m_{011}^{(00)}m_{021}^{(10)} - 2m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(11)} + 2m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(20)} - m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(10)}\\
&+m_{001}^{(20)}m_{011}^{(10)}m_{021}^{(00)} - m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(20)} + 2m_{001}^{(20)}m_{011}^{(11)}m_{201}^{(10)} - m_{001}^{(20)}m_{011}^{(11)}m_{111}^{(00)}\\
&-m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(10)} + m_{001}^{(20)}m_{011}^{(20)}m_{030}^{(00)} + m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(10)} - m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(00)}\\
&-m_{001}^{(20)}m_{002}^{(00)}m_{120}^{(11)} + m_{001}^{(20)}m_{002}^{(00)}m_{030}^{(10)} + m_{001}^{(20)}m_{002}^{(10)}m_{210}^{(11)} - m_{001}^{(20)}m_{002}^{(10)}m_{030}^{(00)}\\
&-m_{001}^{(20)}m_{002}^{(11)}m_{210}^{(10)} + m_{001}^{(20)}m_{002}^{(11)}m_{120}^{(00)} - m_{001}^{(21)}m_{200}^{(10)}m_{120}^{(22)} - m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(21)}\\
&+2m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(20)} + m_{001}^{(21)}m_{200}^{(11)}m_{210}^{(22)} + m_{001}^{(21)}m_{200}^{(11)}m_{201}^{(21)} - 2m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(20)}\\
&+m_{001}^{(21)}m_{200}^{(20)}m_{120}^{(21)} + m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(11)} - 2m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(10)} - m_{001}^{(21)}m_{200}^{(21)}m_{210}^{(21)}\\
&-m_{001}^{(21)}m_{200}^{(21)}m_{201}^{(11)} + 2m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(10)} + m_{001}^{(21)}m_{110}^{(00)}m_{120}^{(22)} + m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(21)}\\
&-2m_{001}^{(21)}m_{110}^{(00)}m_{021}^{(20)} - m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(21)} + m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(20)} - m_{001}^{(21)}m_{110}^{(11)}m_{300}^{(22)}\\
&+m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(20)} - m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(21)} - m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(20)} + 2m_{001}^{(21)}m_{110}^{(20)}m_{021}^{(00)}\\
&+m_{001}^{(21)}m_{110}^{(21)}m_{300}^{(21)} + m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(20)} - 2m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(00)} - m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(21)}\\
&-m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(11)} + 2m_{001}^{(21)}m_{101}^{(00)}m_{021}^{(10)} + 2m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(21)} + m_{001}^{(21)}m_{101}^{(10)}m_{201}^{(11)}\\
&-m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(10)} - 2m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(00)} - m_{001}^{(21)}m_{101}^{(11)}m_{300}^{(21)} - m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(10)}\\
&+2m_{001}^{(21)}m_{101}^{(11)}m_{111}^{(00)} - m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(11)} + m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(10)} + m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(11)}\\
&-m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(10)} - m_{001}^{(21)}m_{020}^{(00)}m_{210}^{(22)} + m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(20)} + m_{001}^{(21)}m_{020}^{(10)}m_{300}^{(22)}\\
&-m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(20)} + m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(20)} - m_{001}^{(21)}m_{020}^{(20)}m_{111}^{(00)} - m_{001}^{(21)}m_{020}^{(21)}m_{300}^{(20)}\\
&+m_{001}^{(21)}m_{020}^{(21)}m_{201}^{(00)} + m_{001}^{(21)}m_{011}^{(00)}m_{120}^{(20)} - m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(10)} - 2m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(20)}\\
&+m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(10)} + m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(00)} + m_{001}^{(21)}m_{011}^{(11)}m_{300}^{(20)} - m_{001}^{(21)}m_{011}^{(11)}m_{201}^{(00)}\\
&+m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(10)} - m_{001}^{(21)}m_{011}^{(20)}m_{120}^{(00)} - m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(10)} + m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(00)}\\
&+m_{001}^{(21)}m_{002}^{(00)}m_{210}^{(11)} - m_{001}^{(21)}m_{002}^{(00)}m_{120}^{(10)} - m_{001}^{(21)}m_{002}^{(10)}m_{300}^{(11)} + m_{001}^{(21)}m_{002}^{(10)}m_{120}^{(00)}\\
&+m_{001}^{(21)}m_{002}^{(11)}m_{300}^{(10)} - m_{001}^{(21)}m_{002}^{(11)}m_{210}^{(00)} + m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(21)} - m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(20)}\\
&-m_{001}^{(22)}m_{200}^{(11)}m_{210}^{(21)} + m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(20)} - m_{001}^{(22)}m_{200}^{(20)}m_{120}^{(11)} + m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(10)}\\
&+m_{001}^{(22)}m_{200}^{(21)}m_{210}^{(11)} - m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(10)} - m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(21)} + m_{001}^{(22)}m_{110}^{(00)}m_{030}^{(20)}\\
&+m_{001}^{(22)}m_{110}^{(11)}m_{300}^{(21)} - m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(20)} + m_{001}^{(22)}m_{110}^{(20)}m_{210}^{(11)} - m_{001}^{(22)}m_{110}^{(20)}m_{030}^{(00)}\\
&-m_{001}^{(22)}m_{110}^{(21)}m_{300}^{(11)} + m_{001}^{(22)}m_{110}^{(21)}m_{120}^{(00)} + m_{001}^{(22)}m_{101}^{(00)}m_{120}^{(11)} - m_{001}^{(22)}m_{101}^{(00)}m_{030}^{(10)}\\
&-m_{001}^{(22)}m_{101}^{(10)}m_{210}^{(11)} + m_{001}^{(22)}m_{101}^{(10)}m_{030}^{(00)} + m_{001}^{(22)}m_{101}^{(11)}m_{210}^{(10)} - m_{001}^{(22)}m_{101}^{(11)}m_{120}^{(00)}\\
&+m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(21)} - m_{001}^{(22)}m_{020}^{(00)}m_{120}^{(20)} - m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(21)} + m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(20)}\\
&-m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(10)} + m_{001}^{(22)}m_{020}^{(20)}m_{120}^{(00)} + m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(10)} - m_{001}^{(22)}m_{020}^{(21)}m_{210}^{(00)}\\
&-m_{001}^{(22)}m_{011}^{(00)}m_{210}^{(11)} + m_{001}^{(22)}m_{011}^{(00)}m_{120}^{(10)} + m_{001}^{(22)}m_{011}^{(10)}m_{300}^{(11)} - m_{001}^{(22)}m_{011}^{(10)}m_{120}^{(00)}\\
&-m_{001}^{(22)}m_{011}^{(11)}m_{300}^{(10)} + m_{001}^{(22)}m_{011}^{(11)}m_{210}^{(00)}
\end{aligned}
$$

Generating graph:

$V1$	1	1	$V1$
1	2	$V2$	$V3$
$V2$	$V3$	3	3



$$
\begin{aligned}
T_{63} \;=\;& m_{100}^{(00)} m_{110}^{(11)} m_{012}^{(22)} - m_{100}^{(00)} m_{110}^{(11)} m_{003}^{(21)} - m_{100}^{(00)} m_{110}^{(21)} m_{021}^{(22)} + m_{100}^{(00)} m_{110}^{(21)} m_{003}^{(11)} \\
& + m_{100}^{(00)} m_{110}^{(22)} m_{021}^{(21)} - m_{100}^{(00)} m_{110}^{(22)} m_{012}^{(11)} - m_{100}^{(00)} m_{101}^{(11)} m_{021}^{(22)} + m_{100}^{(00)} m_{101}^{(11)} m_{012}^{(21)} \\
& + m_{100}^{(00)} m_{101}^{(21)} m_{030}^{(22)} - m_{100}^{(00)} m_{101}^{(21)} m_{012}^{(11)} - m_{100}^{(00)} m_{101}^{(22)} m_{030}^{(21)} + m_{100}^{(00)} m_{101}^{(22)} m_{021}^{(11)} \\
& - m_{100}^{(00)} m_{020}^{(10)} m_{012}^{(22)} + m_{100}^{(00)} m_{020}^{(10)} m_{003}^{(21)} + m_{100}^{(00)} m_{020}^{(20)} m_{021}^{(22)} - m_{100}^{(00)} m_{020}^{(20)} m_{012}^{(21)} \\
& + m_{100}^{(00)} m_{020}^{(21)} m_{012}^{(20)} - m_{100}^{(00)} m_{020}^{(21)} m_{003}^{(10)} - m_{100}^{(00)} m_{020}^{(22)} m_{021}^{(20)} + m_{100}^{(00)} m_{020}^{(22)} m_{012}^{(10)} \\
& + m_{100}^{(00)} m_{011}^{(10)} m_{021}^{(22)} - m_{100}^{(00)} m_{011}^{(10)} m_{003}^{(11)} - m_{100}^{(00)} m_{011}^{(11)} m_{012}^{(20)} + m_{100}^{(00)} m_{011}^{(11)} m_{003}^{(10)} \\
& - m_{100}^{(00)} m_{011}^{(20)} m_{030}^{(22)} + m_{100}^{(00)} m_{011}^{(20)} m_{012}^{(11)} + m_{100}^{(00)} m_{011}^{(22)} m_{030}^{(20)} - m_{100}^{(00)} m_{011}^{(22)} m_{021}^{(10)} \\
& - m_{100}^{(00)} m_{002}^{(10)} m_{021}^{(21)} + m_{100}^{(00)} m_{002}^{(10)} m_{012}^{(11)} + m_{100}^{(00)} m_{002}^{(11)} m_{021}^{(20)} - m_{100}^{(00)} m_{002}^{(11)} m_{012}^{(10)} \\
& + m_{100}^{(00)} m_{002}^{(20)} m_{030}^{(21)} - m_{100}^{(00)} m_{002}^{(20)} m_{021}^{(11)} - m_{100}^{(00)} m_{002}^{(21)} m_{030}^{(20)} + m_{100}^{(00)} m_{002}^{(21)} m_{021}^{(10)} \\
& - m_{100}^{(10)} m_{200}^{(11)} m_{012}^{(22)} + m_{100}^{(10)} m_{200}^{(11)} m_{003}^{(21)} + m_{100}^{(10)} m_{200}^{(21)} m_{021}^{(22)} - m_{100}^{(10)} m_{200}^{(21)} m_{003}^{(11)} \\
& - m_{100}^{(10)} m_{200}^{(22)} m_{021}^{(21)} + m_{100}^{(10)} m_{200}^{(22)} m_{012}^{(11)} - m_{100}^{(10)} m_{110}^{(20)} m_{021}^{(22)} + 2m_{100}^{(10)} m_{110}^{(20)} m_{012}^{(21)} \\
& - m_{100}^{(10)} m_{110}^{(20)} m_{003}^{(11)} + m_{100}^{(10)} m_{110}^{(21)} m_{111}^{(22)} - m_{100}^{(10)} m_{110}^{(21)} m_{102}^{(21)} - m_{100}^{(10)} m_{110}^{(21)} m_{012}^{(20)} \\
& + m_{100}^{(10)} m_{110}^{(21)} m_{003}^{(10)} - m_{100}^{(10)} m_{110}^{(22)} m_{111}^{(21)} + m_{100}^{(10)} m_{110}^{(22)} m_{102}^{(11)} + m_{100}^{(10)} m_{110}^{(22)} m_{021}^{(20)} \\
& - m_{100}^{(10)} m_{110}^{(22)} m_{012}^{(10)} + m_{100}^{(10)} m_{101}^{(10)} m_{021}^{(22)} - 2m_{100}^{(10)} m_{101}^{(10)} m_{012}^{(21)} + m_{100}^{(10)} m_{101}^{(10)} m_{003}^{(11)} \\
& + m_{100}^{(10)} m_{101}^{(11)} m_{111}^{(22)} - m_{100}^{(10)} m_{101}^{(11)} m_{102}^{(21)} + m_{100}^{(10)} m_{101}^{(11)} m_{012}^{(20)} - m_{100}^{(10)} m_{101}^{(11)} m_{003}^{(10)} \\
& - 2m_{100}^{(10)} m_{101}^{(21)} m_{120}^{(22)} + m_{100}^{(10)} m_{101}^{(21)} m_{111}^{(21)} + m_{100}^{(10)} m_{101}^{(21)} m_{102}^{(11)} - m_{100}^{(10)} m_{101}^{(21)} m_{021}^{(20)} \\
& + m_{100}^{(10)} m_{101}^{(21)} m_{012}^{(10)} + 2m_{100}^{(10)} m_{101}^{(22)} m_{120}^{(21)} - 2m_{100}^{(10)} m_{101}^{(22)} m_{111}^{(11)} + m_{100}^{(10)} m_{020}^{(00)} m_{012}^{(22)} \\
& - m_{100}^{(10)} m_{020}^{(00)} m_{003}^{(21)} - m_{100}^{(10)} m_{020}^{(20)} m_{111}^{(22)} + m_{100}^{(10)} m_{020}^{(20)} m_{102}^{(21)} - m_{100}^{(10)} m_{020}^{(20)} m_{012}^{(20)} \\
& + m_{100}^{(10)} m_{020}^{(20)} m_{003}^{(10)} + m_{100}^{(10)} m_{020}^{(22)} m_{111}^{(20)} - m_{100}^{(10)} m_{020}^{(22)} m_{102}^{(10)} - m_{100}^{(10)} m_{011}^{(00)} m_{021}^{(22)} \\
& + m_{100}^{(10)} m_{011}^{(00)} m_{003}^{(11)} - m_{100}^{(10)} m_{011}^{(10)} m_{111}^{(22)} + m_{100}^{(10)} m_{011}^{(10)} m_{102}^{(21)} + m_{100}^{(10)} m_{011}^{(10)} m_{012}^{(20)} \\
& - m_{100}^{(10)} m_{011}^{(10)} m_{003}^{(10)} + 2m_{100}^{(10)} m_{011}^{(20)} m_{120}^{(22)} - m_{100}^{(10)} m_{011}^{(20)} m_{111}^{(21)} - m_{100}^{(10)} m_{011}^{(20)} m_{102}^{(11)} \\
& + m_{100}^{(10)} m_{011}^{(20)} m_{021}^{(20)} - m_{100}^{(10)} m_{011}^{(20)} m_{012}^{(10)} - 2m_{100}^{(10)} m_{011}^{(22)} m_{120}^{(20)} + 2m_{100}^{(10)} m_{011}^{(22)} m_{111}^{(10)} \\
& + m_{100}^{(10)} m_{002}^{(00)} m_{021}^{(21)} - m_{100}^{(10)} m_{002}^{(00)} m_{012}^{(11)} + m_{100}^{(10)} m_{002}^{(10)} m_{111}^{(21)} - m_{100}^{(10)} m_{002}^{(10)} m_{102}^{(11)} \\
& - m_{100}^{(10)} m_{002}^{(10)} m_{021}^{(20)} + m_{100}^{(10)} m_{002}^{(10)} m_{012}^{(10)} - m_{100}^{(10)} m_{002}^{(11)} m_{111}^{(20)} + m_{100}^{(10)} m_{002}^{(11)} m_{102}^{(10)} \\
& - 2m_{100}^{(10)} m_{002}^{(20)} m_{120}^{(21)} + 2m_{100}^{(10)} m_{002}^{(20)} m_{111}^{(11)} + 2m_{100}^{(10)} m_{002}^{(21)} m_{120}^{(20)} - 2m_{100}^{(10)} m_{002}^{(21)} m_{111}^{(10)} \\
& + m_{100}^{(11)} m_{200}^{(10)} m_{012}^{(22)} - m_{100}^{(11)} m_{200}^{(10)} m_{003}^{(21)} - m_{100}^{(11)} m_{200}^{(20)} m_{012}^{(21)} + m_{100}^{(11)} m_{200}^{(20)} m_{003}^{(11)} \\
& - m_{100}^{(11)} m_{200}^{(21)} m_{111}^{(22)} + m_{100}^{(11)} m_{200}^{(21)} m_{102}^{(21)} + m_{100}^{(11)} m_{200}^{(22)} m_{111}^{(21)} - m_{100}^{(11)} m_{200}^{(22)} m_{102}^{(11)} \\
& - m_{100}^{(11)} m_{110}^{(00)} m_{012}^{(22)} + m_{100}^{(11)} m_{110}^{(00)} m_{003}^{(21)} + m_{100}^{(11)} m_{110}^{(20)} m_{111}^{(22)} - m_{100}^{(11)} m_{110}^{(20)} m_{102}^{(21)}
\end{aligned}
$$

$$
\begin{aligned}
&+m_{100}^{(11)}m_{110}^{(20)}m_{012}^{(20)} - m_{100}^{(11)}m_{110}^{(20)}m_{003}^{(10)} - m_{100}^{(11)}m_{110}^{(22)}m_{111}^{(20)} + m_{100}^{(11)}m_{110}^{(22)}m_{102}^{(10)}\\
&+m_{100}^{(11)}m_{101}^{(00)}m_{012}^{(21)} - m_{100}^{(11)}m_{101}^{(00)}m_{003}^{(11)} - m_{100}^{(11)}m_{101}^{(10)}m_{111}^{(22)} + m_{100}^{(11)}m_{101}^{(10)}m_{102}^{(21)}\\
&-m_{100}^{(11)}m_{101}^{(10)}m_{012}^{(20)} + m_{100}^{(11)}m_{101}^{(10)}m_{003}^{(10)} + m_{100}^{(11)}m_{101}^{(21)}m_{210}^{(22)} - m_{100}^{(11)}m_{101}^{(21)}m_{201}^{(21)}\\
&+m_{100}^{(11)}m_{101}^{(21)}m_{111}^{(20)} - m_{100}^{(11)}m_{101}^{(21)}m_{102}^{(10)} - m_{100}^{(11)}m_{101}^{(22)}m_{210}^{(21)} + m_{100}^{(11)}m_{101}^{(22)}m_{201}^{(11)}\\
&+m_{100}^{(11)}m_{011}^{(00)}m_{111}^{(22)} - m_{100}^{(11)}m_{011}^{(00)}m_{102}^{(21)} - m_{100}^{(11)}m_{011}^{(20)}m_{210}^{(22)} + m_{100}^{(11)}m_{011}^{(20)}m_{201}^{(21)}\\
&-m_{100}^{(11)}m_{011}^{(20)}m_{111}^{(20)} + m_{100}^{(11)}m_{011}^{(20)}m_{102}^{(10)} + m_{100}^{(11)}m_{011}^{(22)}m_{210}^{(20)} - m_{100}^{(11)}m_{011}^{(22)}m_{201}^{(10)}\\
&-m_{100}^{(11)}m_{002}^{(00)}m_{111}^{(21)} + m_{100}^{(11)}m_{002}^{(00)}m_{102}^{(11)} + m_{100}^{(11)}m_{002}^{(10)}m_{111}^{(20)} - m_{100}^{(11)}m_{002}^{(10)}m_{102}^{(10)}\\
&+m_{100}^{(11)}m_{002}^{(20)}m_{210}^{(21)} - m_{100}^{(11)}m_{002}^{(20)}m_{201}^{(11)} - m_{100}^{(11)}m_{002}^{(21)}m_{210}^{(20)} + m_{100}^{(11)}m_{002}^{(21)}m_{201}^{(10)}\\
&+m_{100}^{(20)}m_{200}^{(11)}m_{021}^{(22)} - m_{100}^{(20)}m_{200}^{(11)}m_{012}^{(21)} - m_{100}^{(20)}m_{200}^{(21)}m_{030}^{(22)} + m_{100}^{(20)}m_{200}^{(21)}m_{012}^{(11)}\\
&+m_{100}^{(20)}m_{200}^{(22)}m_{030}^{(21)} - m_{100}^{(20)}m_{200}^{(22)}m_{021}^{(11)} - 2m_{100}^{(20)}m_{110}^{(11)}m_{111}^{(22)} + 2m_{100}^{(20)}m_{110}^{(11)}m_{102}^{(21)}\\
&+m_{100}^{(20)}m_{110}^{(20)}m_{030}^{(22)} - 2m_{100}^{(20)}m_{110}^{(20)}m_{021}^{(21)} + m_{100}^{(20)}m_{110}^{(20)}m_{012}^{(11)} + m_{100}^{(20)}m_{110}^{(21)}m_{120}^{(22)}\\
&+m_{100}^{(20)}m_{110}^{(21)}m_{111}^{(21)} - 2m_{100}^{(20)}m_{110}^{(21)}m_{102}^{(11)} + m_{100}^{(20)}m_{110}^{(21)}m_{021}^{(20)} - m_{100}^{(20)}m_{110}^{(21)}m_{012}^{(10)}\\
&-m_{100}^{(20)}m_{110}^{(22)}m_{120}^{(21)} + m_{100}^{(20)}m_{110}^{(22)}m_{111}^{(11)} - m_{100}^{(20)}m_{110}^{(22)}m_{030}^{(20)} + m_{100}^{(20)}m_{110}^{(22)}m_{021}^{(10)}\\
&-m_{100}^{(20)}m_{101}^{(10)}m_{030}^{(22)} + 2m_{100}^{(20)}m_{101}^{(10)}m_{021}^{(21)} - m_{100}^{(20)}m_{101}^{(10)}m_{012}^{(11)} + m_{100}^{(20)}m_{101}^{(11)}m_{120}^{(22)}\\
&-m_{100}^{(20)}m_{101}^{(11)}m_{111}^{(21)} - m_{100}^{(20)}m_{101}^{(11)}m_{021}^{(20)} + m_{100}^{(20)}m_{101}^{(11)}m_{012}^{(10)} - m_{100}^{(20)}m_{101}^{(21)}m_{120}^{(21)}\\
&+m_{100}^{(20)}m_{101}^{(21)}m_{111}^{(11)} + m_{100}^{(20)}m_{101}^{(21)}m_{030}^{(20)} - m_{100}^{(20)}m_{101}^{(21)}m_{021}^{(10)} - m_{100}^{(20)}m_{020}^{(00)}m_{021}^{(22)}\\
&+m_{100}^{(20)}m_{020}^{(00)}m_{012}^{(21)} + 2m_{100}^{(20)}m_{020}^{(10)}m_{111}^{(22)} - 2m_{100}^{(20)}m_{020}^{(10)}m_{102}^{(21)} - m_{100}^{(20)}m_{020}^{(20)}m_{120}^{(22)}\\
&+m_{100}^{(20)}m_{020}^{(20)}m_{111}^{(21)} + m_{100}^{(20)}m_{020}^{(20)}m_{021}^{(20)} - m_{100}^{(20)}m_{020}^{(20)}m_{012}^{(10)} - 2m_{100}^{(20)}m_{020}^{(21)}m_{111}^{(20)}\\
&+2m_{100}^{(20)}m_{020}^{(21)}m_{102}^{(10)} + m_{100}^{(20)}m_{020}^{(22)}m_{120}^{(20)} - m_{100}^{(20)}m_{020}^{(22)}m_{111}^{(10)} + m_{100}^{(20)}m_{011}^{(00)}m_{030}^{(22)}\\
&-m_{100}^{(20)}m_{011}^{(00)}m_{012}^{(11)} - m_{100}^{(20)}m_{011}^{(10)}m_{120}^{(22)} - m_{100}^{(20)}m_{011}^{(10)}m_{111}^{(21)} + 2m_{100}^{(20)}m_{011}^{(10)}m_{102}^{(11)}\\
&-m_{100}^{(20)}m_{011}^{(10)}m_{021}^{(20)} + m_{100}^{(20)}m_{011}^{(10)}m_{012}^{(10)} + 2m_{100}^{(20)}m_{011}^{(11)}m_{111}^{(20)} - 2m_{100}^{(20)}m_{011}^{(11)}m_{102}^{(10)}\\
&+m_{100}^{(20)}m_{011}^{(20)}m_{120}^{(21)} - m_{100}^{(20)}m_{011}^{(20)}m_{111}^{(11)} - m_{100}^{(20)}m_{011}^{(20)}m_{030}^{(20)} + m_{100}^{(20)}m_{011}^{(20)}m_{021}^{(10)}\\
&-m_{100}^{(20)}m_{002}^{(00)}m_{030}^{(21)} + m_{100}^{(20)}m_{002}^{(00)}m_{021}^{(11)} + m_{100}^{(20)}m_{002}^{(10)}m_{120}^{(21)} - m_{100}^{(20)}m_{002}^{(10)}m_{111}^{(11)}\\
&+m_{100}^{(20)}m_{002}^{(10)}m_{030}^{(20)} - m_{100}^{(20)}m_{002}^{(10)}m_{021}^{(10)} - m_{100}^{(20)}m_{002}^{(11)}m_{120}^{(20)} + m_{100}^{(20)}m_{002}^{(11)}m_{111}^{(10)}\\
&-2m_{100}^{(21)}m_{200}^{(10)}m_{021}^{(22)} + 2m_{100}^{(21)}m_{200}^{(10)}m_{012}^{(21)} + m_{100}^{(21)}m_{200}^{(11)}m_{111}^{(22)} - m_{100}^{(21)}m_{200}^{(11)}m_{102}^{(21)}\\
&+2m_{100}^{(21)}m_{200}^{(20)}m_{021}^{(21)} - 2m_{100}^{(21)}m_{200}^{(20)}m_{012}^{(11)} + m_{100}^{(21)}m_{200}^{(21)}m_{120}^{(22)} - 2m_{100}^{(21)}m_{200}^{(21)}m_{111}^{(21)}\\
&+m_{100}^{(21)}m_{200}^{(21)}m_{102}^{(11)} - m_{100}^{(21)}m_{200}^{(22)}m_{120}^{(21)} + m_{100}^{(21)}m_{200}^{(22)}m_{111}^{(11)} + 2m_{100}^{(21)}m_{110}^{(00)}m_{021}^{(22)}\\
&-2m_{100}^{(21)}m_{110}^{(00)}m_{012}^{(21)} - m_{100}^{(21)}m_{110}^{(20)}m_{120}^{(22)} + m_{100}^{(21)}m_{110}^{(20)}m_{102}^{(11)} - 2m_{100}^{(21)}m_{110}^{(20)}m_{021}^{(20)}\\
&+2m_{100}^{(21)}m_{110}^{(20)}m_{012}^{(10)} - m_{100}^{(21)}m_{110}^{(21)}m_{120}^{(21)} + m_{100}^{(21)}m_{110}^{(21)}m_{111}^{(20)} - m_{100}^{(21)}m_{110}^{(21)}m_{102}^{(10)}\\
&+m_{100}^{(21)}m_{110}^{(22)}m_{120}^{(20)} - m_{100}^{(21)}m_{110}^{(22)}m_{111}^{(10)} - 2m_{100}^{(21)}m_{101}^{(00)}m_{021}^{(21)} + 2m_{100}^{(21)}m_{101}^{(00)}m_{012}^{(11)} + m_{100}^{(21)}m_{101}^{(10)}m_{120}^{(22)}\\
&-m_{100}^{(21)}m_{101}^{(10)}m_{102}^{(11)} + 2m_{100}^{(21)}m_{101}^{(10)}m_{021}^{(20)} - 2m_{100}^{(21)}m_{101}^{(10)}m_{012}^{(10)} - m_{100}^{(21)}m_{101}^{(11)}m_{210}^{(22)}\\
&+m_{100}^{(21)}m_{101}^{(11)}m_{201}^{(21)} - m_{100}^{(21)}m_{101}^{(11)}m_{111}^{(20)} + m_{100}^{(21)}m_{101}^{(11)}m_{102}^{(10)} + m_{100}^{(21)}m_{101}^{(21)}m_{210}^{(21)}\\
&-m_{100}^{(21)}m_{101}^{(21)}m_{201}^{(11)} - m_{100}^{(21)}m_{101}^{(21)}m_{120}^{(20)} + m_{100}^{(21)}m_{101}^{(21)}m_{111}^{(10)} - m_{100}^{(21)}m_{020}^{(00)}m_{111}^{(22)}\\
&+m_{100}^{(21)}m_{020}^{(00)}m_{102}^{(21)} + m_{100}^{(21)}m_{020}^{(20)}m_{210}^{(22)} - m_{100}^{(21)}m_{020}^{(20)}m_{201}^{(21)} + m_{100}^{(21)}m_{020}^{(20)}m_{111}^{(20)}\\
&-m_{100}^{(21)}m_{020}^{(20)}m_{102}^{(10)} - m_{100}^{(21)}m_{020}^{(22)}m_{210}^{(20)} + m_{100}^{(21)}m_{020}^{(22)}m_{201}^{(10)} - m_{100}^{(21)}m_{011}^{(00)}m_{120}^{(22)}\\
&+2m_{100}^{(21)}m_{011}^{(00)}m_{111}^{(21)} - m_{100}^{(21)}m_{011}^{(00)}m_{102}^{(11)} + m_{100}^{(21)}m_{011}^{(10)}m_{210}^{(22)} - m_{100}^{(21)}m_{011}^{(10)}m_{201}^{(21)}\\
&-m_{100}^{(21)}m_{011}^{(10)}m_{111}^{(20)} + m_{100}^{(21)}m_{011}^{(10)}m_{102}^{(10)} - m_{100}^{(21)}m_{011}^{(20)}m_{210}^{(21)} + m_{100}^{(21)}m_{011}^{(20)}m_{201}^{(11)}
\end{aligned}
$$

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\begin{aligned}
&+m_{100}^{(21)}m_{011}^{(20)}m_{120}^{(20)} - m_{100}^{(21)}m_{011}^{(20)}m_{111}^{(10)} + m_{100}^{(21)}m_{002}^{(00)}m_{120}^{(21)} - m_{100}^{(21)}m_{002}^{(00)}m_{111}^{(11)}\\
&-m_{100}^{(21)}m_{002}^{(10)}m_{210}^{(21)} + m_{100}^{(21)}m_{002}^{(10)}m_{201}^{(11)} - m_{100}^{(21)}m_{002}^{(10)}m_{120}^{(20)} + m_{100}^{(21)}m_{002}^{(10)}m_{111}^{(10)}\\
&+m_{100}^{(21)}m_{002}^{(11)}m_{210}^{(20)} - m_{100}^{(21)}m_{002}^{(11)}m_{201}^{(10)} + m_{100}^{(22)}m_{200}^{(10)}m_{030}^{(22)} - m_{100}^{(22)}m_{200}^{(10)}m_{021}^{(21)}\\
&-m_{100}^{(22)}m_{200}^{(11)}m_{120}^{(22)} + m_{100}^{(22)}m_{200}^{(11)}m_{111}^{(21)} - m_{100}^{(22)}m_{200}^{(20)}m_{030}^{(21)} + m_{100}^{(22)}m_{200}^{(20)}m_{021}^{(11)}\\
&+m_{100}^{(22)}m_{200}^{(21)}m_{120}^{(21)} - m_{100}^{(22)}m_{200}^{(21)}m_{111}^{(11)} - m_{100}^{(22)}m_{110}^{(00)}m_{030}^{(22)} + m_{100}^{(22)}m_{110}^{(00)}m_{021}^{(21)}\\
&+m_{100}^{(22)}m_{110}^{(11)}m_{210}^{(22)} - m_{100}^{(22)}m_{110}^{(11)}m_{201}^{(21)} + m_{100}^{(22)}m_{110}^{(20)}m_{120}^{(21)} - m_{100}^{(22)}m_{110}^{(20)}m_{111}^{(11)}\\
&+m_{100}^{(22)}m_{110}^{(20)}m_{030}^{(20)} - m_{100}^{(22)}m_{110}^{(20)}m_{021}^{(10)} - m_{100}^{(22)}m_{110}^{(21)}m_{210}^{(21)} + m_{100}^{(22)}m_{110}^{(21)}m_{201}^{(11)}\\
&-m_{100}^{(22)}m_{110}^{(21)}m_{120}^{(20)} + m_{100}^{(22)}m_{110}^{(21)}m_{111}^{(10)} + m_{100}^{(22)}m_{101}^{(00)}m_{030}^{(21)} - m_{100}^{(22)}m_{101}^{(00)}m_{021}^{(11)}\\
&-m_{100}^{(22)}m_{101}^{(10)}m_{120}^{(21)} + m_{100}^{(22)}m_{101}^{(10)}m_{111}^{(11)} - m_{100}^{(22)}m_{101}^{(10)}m_{030}^{(20)} + m_{100}^{(22)}m_{101}^{(10)}m_{021}^{(10)}\\
&+m_{100}^{(22)}m_{101}^{(11)}m_{120}^{(20)} - m_{100}^{(22)}m_{101}^{(11)}m_{111}^{(10)} + m_{100}^{(22)}m_{020}^{(00)}m_{120}^{(22)} - m_{100}^{(22)}m_{020}^{(00)}m_{111}^{(21)}\\
&-m_{100}^{(22)}m_{020}^{(10)}m_{210}^{(22)} + m_{100}^{(22)}m_{020}^{(10)}m_{201}^{(21)} - m_{100}^{(22)}m_{020}^{(20)}m_{120}^{(20)} + m_{100}^{(22)}m_{020}^{(20)}m_{111}^{(10)}\\
&+m_{100}^{(22)}m_{020}^{(21)}m_{210}^{(20)} - m_{100}^{(22)}m_{020}^{(21)}m_{201}^{(10)} - m_{100}^{(22)}m_{011}^{(00)}m_{120}^{(21)} + m_{100}^{(22)}m_{011}^{(00)}m_{111}^{(11)}\\
&+m_{100}^{(22)}m_{011}^{(10)}m_{210}^{(21)} - m_{100}^{(22)}m_{011}^{(10)}m_{201}^{(11)} + m_{100}^{(22)}m_{011}^{(10)}m_{120}^{(20)} - m_{100}^{(22)}m_{011}^{(10)}m_{111}^{(10)}\\
&-m_{100}^{(22)}m_{011}^{(11)}m_{210}^{(20)} + m_{100}^{(22)}m_{011}^{(11)}m_{201}^{(10)} - m_{010}^{(00)}m_{110}^{(11)}m_{102}^{(22)} + m_{010}^{(00)}m_{110}^{(11)}m_{003}^{(20)}\\
&+m_{010}^{(00)}m_{110}^{(21)}m_{111}^{(22)} + m_{010}^{(00)}m_{110}^{(21)}m_{102}^{(21)} - m_{010}^{(00)}m_{110}^{(21)}m_{012}^{(20)} - m_{010}^{(00)}m_{110}^{(21)}m_{003}^{(10)}\\
&-m_{010}^{(00)}m_{110}^{(22)}m_{111}^{(21)} + m_{010}^{(00)}m_{110}^{(22)}m_{012}^{(10)} + m_{010}^{(00)}m_{101}^{(11)}m_{111}^{(22)} - m_{010}^{(00)}m_{101}^{(11)}m_{012}^{(20)}\\
&-m_{010}^{(00)}m_{101}^{(21)}m_{120}^{(22)} - m_{010}^{(00)}m_{101}^{(21)}m_{111}^{(21)} + m_{010}^{(00)}m_{101}^{(21)}m_{021}^{(20)} + m_{010}^{(00)}m_{101}^{(21)}m_{012}^{(10)}\\
&+m_{010}^{(00)}m_{101}^{(22)}m_{120}^{(21)} - m_{010}^{(00)}m_{101}^{(22)}m_{021}^{(10)} + m_{010}^{(00)}m_{020}^{(10)}m_{102}^{(22)} - m_{010}^{(00)}m_{020}^{(10)}m_{003}^{(20)}\\
&-m_{010}^{(00)}m_{020}^{(20)}m_{111}^{(22)} + m_{010}^{(00)}m_{020}^{(20)}m_{012}^{(20)} - m_{010}^{(00)}m_{020}^{(21)}m_{102}^{(20)} + m_{010}^{(00)}m_{020}^{(21)}m_{003}^{(00)}\\
&+m_{010}^{(00)}m_{020}^{(22)}m_{111}^{(20)} - m_{010}^{(00)}m_{020}^{(22)}m_{012}^{(00)} - m_{010}^{(00)}m_{011}^{(10)}m_{111}^{(22)} - m_{010}^{(00)}m_{011}^{(10)}m_{102}^{(21)}\\
&+m_{010}^{(00)}m_{011}^{(10)}m_{012}^{(20)} + m_{010}^{(00)}m_{011}^{(10)}m_{003}^{(10)} + m_{010}^{(00)}m_{011}^{(11)}m_{102}^{(20)} - m_{010}^{(00)}m_{011}^{(11)}m_{003}^{(00)}\\
&+m_{010}^{(00)}m_{011}^{(20)}m_{120}^{(22)} + m_{010}^{(00)}m_{011}^{(20)}m_{111}^{(21)} - m_{010}^{(00)}m_{011}^{(20)}m_{021}^{(20)} - m_{010}^{(00)}m_{011}^{(20)}m_{012}^{(10)}\\
&-m_{010}^{(00)}m_{011}^{(22)}m_{120}^{(20)} + m_{010}^{(00)}m_{011}^{(22)}m_{021}^{(00)} + m_{010}^{(00)}m_{002}^{(10)}m_{111}^{(21)} - m_{010}^{(00)}m_{002}^{(10)}m_{012}^{(10)}\\
&-m_{010}^{(00)}m_{002}^{(11)}m_{111}^{(20)} + m_{010}^{(00)}m_{002}^{(11)}m_{012}^{(00)} - m_{010}^{(00)}m_{002}^{(20)}m_{120}^{(21)} + m_{010}^{(00)}m_{002}^{(20)}m_{021}^{(10)}\\
&+m_{010}^{(00)}m_{002}^{(21)}m_{120}^{(20)} - m_{010}^{(00)}m_{002}^{(21)}m_{021}^{(00)} + m_{010}^{(10)}m_{200}^{(11)}m_{102}^{(22)} - m_{010}^{(10)}m_{200}^{(11)}m_{003}^{(20)}\\
&-m_{010}^{(10)}m_{200}^{(21)}m_{111}^{(22)} - m_{010}^{(10)}m_{200}^{(21)}m_{102}^{(21)} + m_{010}^{(10)}m_{200}^{(21)}m_{012}^{(20)} + m_{010}^{(10)}m_{200}^{(21)}m_{003}^{(10)}\\
&+m_{010}^{(10)}m_{200}^{(22)}m_{111}^{(21)} - m_{010}^{(10)}m_{200}^{(22)}m_{012}^{(10)} + m_{010}^{(10)}m_{110}^{(20)}m_{111}^{(22)} - m_{010}^{(10)}m_{110}^{(20)}m_{102}^{(21)}\\
&-m_{010}^{(10)}m_{110}^{(20)}m_{012}^{(20)} + m_{010}^{(10)}m_{110}^{(20)}m_{003}^{(10)} - m_{010}^{(10)}m_{110}^{(21)}m_{201}^{(22)} + 2m_{010}^{(10)}m_{110}^{(21)}m_{102}^{(20)}\\
&-m_{010}^{(10)}m_{110}^{(21)}m_{003}^{(00)} + m_{010}^{(10)}m_{110}^{(22)}m_{201}^{(21)} - m_{010}^{(10)}m_{110}^{(22)}m_{111}^{(20)} - m_{010}^{(10)}m_{110}^{(22)}m_{102}^{(10)}\\
&+m_{010}^{(10)}m_{110}^{(22)}m_{012}^{(00)} - m_{010}^{(10)}m_{101}^{(10)}m_{111}^{(22)} + m_{010}^{(10)}m_{101}^{(10)}m_{102}^{(21)} + m_{010}^{(10)}m_{101}^{(10)}m_{012}^{(20)}\\
&-m_{010}^{(10)}m_{101}^{(10)}m_{003}^{(10)} - m_{010}^{(10)}m_{101}^{(11)}m_{201}^{(22)} + m_{010}^{(10)}m_{101}^{(11)}m_{003}^{(00)} + 2m_{010}^{(10)}m_{101}^{(21)}m_{210}^{(22)}\\
&+m_{010}^{(10)}m_{101}^{(21)}m_{201}^{(21)} - m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(20)} - m_{010}^{(10)}m_{101}^{(21)}m_{102}^{(10)} - m_{010}^{(10)}m_{101}^{(21)}m_{012}^{(00)}\\
&-2m_{010}^{(10)}m_{101}^{(22)}m_{210}^{(21)} + 2m_{010}^{(10)}m_{101}^{(22)}m_{111}^{(10)} - m_{010}^{(10)}m_{020}^{(00)}m_{102}^{(22)} + m_{010}^{(10)}m_{020}^{(00)}m_{003}^{(20)}\\
&+m_{010}^{(10)}m_{020}^{(20)}m_{201}^{(22)} - m_{010}^{(10)}m_{020}^{(20)}m_{003}^{(00)} - m_{010}^{(10)}m_{020}^{(22)}m_{201}^{(20)} + m_{010}^{(10)}m_{020}^{(22)}m_{102}^{(00)}\\
&+m_{010}^{(10)}m_{011}^{(00)}m_{111}^{(22)} + m_{010}^{(10)}m_{011}^{(00)}m_{102}^{(21)} - m_{010}^{(10)}m_{011}^{(00)}m_{012}^{(20)} - m_{010}^{(10)}m_{011}^{(00)}m_{003}^{(10)}\\
&+m_{010}^{(10)}m_{011}^{(10)}m_{201}^{(22)} - 2m_{010}^{(10)}m_{011}^{(10)}m_{102}^{(20)} + m_{010}^{(10)}m_{011}^{(10)}m_{003}^{(00)} - 2m_{010}^{(10)}m_{011}^{(20)}m_{210}^{(22)}\\
&-m_{010}^{(10)}m_{011}^{(20)}m_{201}^{(21)} + m_{010}^{(10)}m_{011}^{(20)}m_{111}^{(20)} + m_{010}^{(10)}m_{011}^{(20)}m_{102}^{(10)} + m_{010}^{(10)}m_{011}^{(20)}m_{012}^{(00)}\\
&+2m_{010}^{(10)}m_{011}^{(22)}m_{210}^{(20)} - 2m_{010}^{(10)}m_{011}^{(22)}m_{111}^{(00)} - m_{010}^{(10)}m_{002}^{(00)}m_{111}^{(21)} + m_{010}^{(10)}m_{002}^{(00)}m_{012}^{(10)}
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&-m_{010}^{(10)}m_{002}^{(10)}m_{201}^{(21)}+m_{010}^{(10)}m_{002}^{(10)}m_{111}^{(20)}+m_{010}^{(10)}m_{002}^{(10)}m_{102}^{(10)}-m_{010}^{(10)}m_{002}^{(10)}m_{012}^{(00)}\\
&+m_{010}^{(10)}m_{002}^{(11)}m_{201}^{(20)}-m_{010}^{(10)}m_{002}^{(11)}m_{102}^{(00)}+2m_{010}^{(10)}m_{002}^{(20)}m_{210}^{(21)}-2m_{010}^{(10)}m_{002}^{(20)}m_{111}^{(10)}\\
&-2m_{010}^{(10)}m_{002}^{(21)}m_{210}^{(20)}+2m_{010}^{(10)}m_{002}^{(21)}m_{111}^{(00)}-m_{010}^{(11)}m_{200}^{(10)}m_{102}^{(22)}+m_{010}^{(11)}m_{200}^{(10)}m_{003}^{(20)}\\
&+m_{010}^{(11)}m_{200}^{(20)}m_{102}^{(21)}-m_{010}^{(11)}m_{200}^{(20)}m_{003}^{(10)}+m_{010}^{(11)}m_{200}^{(21)}m_{201}^{(22)}-m_{010}^{(11)}m_{200}^{(21)}m_{102}^{(20)}\\
&-m_{010}^{(11)}m_{200}^{(22)}m_{201}^{(21)}+m_{010}^{(11)}m_{200}^{(22)}m_{102}^{(10)}+m_{010}^{(11)}m_{110}^{(00)}m_{102}^{(22)}-m_{010}^{(11)}m_{110}^{(00)}m_{003}^{(20)}\\
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&-m_{010}^{(11)}m_{101}^{(00)}m_{102}^{(21)}+m_{010}^{(11)}m_{101}^{(00)}m_{003}^{(10)}+m_{010}^{(11)}m_{101}^{(10)}m_{201}^{(22)}-m_{010}^{(11)}m_{101}^{(10)}m_{003}^{(00)}\\
&-m_{010}^{(11)}m_{101}^{(21)}m_{300}^{(22)}+m_{010}^{(11)}m_{101}^{(21)}m_{102}^{(00)}+m_{010}^{(11)}m_{101}^{(22)}m_{300}^{(21)}-m_{010}^{(11)}m_{101}^{(22)}m_{201}^{(10)}\\
&-m_{010}^{(11)}m_{011}^{(00)}m_{201}^{(22)}+m_{010}^{(11)}m_{011}^{(00)}m_{102}^{(20)}+m_{010}^{(11)}m_{011}^{(20)}m_{300}^{(22)}-m_{010}^{(11)}m_{011}^{(20)}m_{102}^{(00)}\\
&-m_{010}^{(11)}m_{011}^{(22)}m_{300}^{(20)}+m_{010}^{(11)}m_{011}^{(22)}m_{201}^{(00)}+m_{010}^{(11)}m_{002}^{(00)}m_{201}^{(21)}-m_{010}^{(11)}m_{002}^{(00)}m_{102}^{(10)}\\
&-m_{010}^{(11)}m_{002}^{(10)}m_{201}^{(20)}+m_{010}^{(11)}m_{002}^{(10)}m_{102}^{(00)}-m_{010}^{(11)}m_{002}^{(20)}m_{300}^{(21)}+m_{010}^{(11)}m_{002}^{(20)}m_{201}^{(10)}\\
&+m_{010}^{(11)}m_{002}^{(21)}m_{300}^{(20)}-m_{010}^{(11)}m_{002}^{(21)}m_{201}^{(00)}-m_{010}^{(20)}m_{200}^{(11)}m_{111}^{(22)}+m_{010}^{(20)}m_{200}^{(11)}m_{012}^{(20)}\\
&+m_{010}^{(20)}m_{200}^{(21)}m_{120}^{(22)}+m_{010}^{(20)}m_{200}^{(21)}m_{111}^{(21)}-m_{010}^{(20)}m_{200}^{(21)}m_{021}^{(20)}-m_{010}^{(20)}m_{200}^{(21)}m_{012}^{(10)}\\
&-m_{010}^{(20)}m_{200}^{(22)}m_{120}^{(21)}+m_{010}^{(20)}m_{200}^{(22)}m_{021}^{(10)}+2m_{010}^{(20)}m_{110}^{(11)}m_{201}^{(22)}-2m_{010}^{(20)}m_{110}^{(11)}m_{102}^{(20)}\\
&-m_{010}^{(20)}m_{110}^{(20)}m_{120}^{(22)}+m_{010}^{(20)}m_{110}^{(20)}m_{111}^{(21)}+m_{010}^{(20)}m_{110}^{(20)}m_{021}^{(20)}-m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(10)}\\
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&+m_{010}^{(20)}m_{110}^{(22)}m_{210}^{(21)}+m_{010}^{(20)}m_{110}^{(22)}m_{120}^{(20)}-m_{010}^{(20)}m_{110}^{(22)}m_{111}^{(10)}-m_{010}^{(20)}m_{110}^{(22)}m_{021}^{(00)}\\
&+m_{010}^{(20)}m_{101}^{(10)}m_{120}^{(22)}-m_{010}^{(20)}m_{101}^{(10)}m_{111}^{(21)}-m_{010}^{(20)}m_{101}^{(10)}m_{021}^{(20)}+m_{010}^{(20)}m_{101}^{(10)}m_{012}^{(10)}\\
&-m_{010}^{(20)}m_{101}^{(11)}m_{210}^{(22)}+2m_{010}^{(20)}m_{101}^{(11)}m_{111}^{(20)}-m_{010}^{(20)}m_{101}^{(11)}m_{012}^{(00)}+m_{010}^{(20)}m_{101}^{(21)}m_{210}^{(21)}\\
&-m_{010}^{(20)}m_{101}^{(21)}m_{120}^{(20)}-m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(10)}+m_{010}^{(20)}m_{101}^{(21)}m_{021}^{(00)}+m_{010}^{(20)}m_{020}^{(00)}m_{111}^{(22)}\\
&-m_{010}^{(20)}m_{020}^{(00)}m_{012}^{(20)}-2m_{010}^{(20)}m_{020}^{(10)}m_{201}^{(22)}+2m_{010}^{(20)}m_{020}^{(10)}m_{102}^{(20)}+m_{010}^{(20)}m_{020}^{(20)}m_{210}^{(22)}\\
&-2m_{010}^{(20)}m_{020}^{(20)}m_{111}^{(20)}+m_{010}^{(20)}m_{020}^{(20)}m_{012}^{(00)}+2m_{010}^{(20)}m_{020}^{(21)}m_{201}^{(20)}-2m_{010}^{(20)}m_{020}^{(21)}m_{102}^{(00)}\\
&-m_{010}^{(20)}m_{020}^{(22)}m_{210}^{(20)}+m_{010}^{(20)}m_{020}^{(22)}m_{111}^{(00)}-m_{010}^{(20)}m_{011}^{(00)}m_{120}^{(22)}-m_{010}^{(20)}m_{011}^{(00)}m_{111}^{(21)}\\
&+m_{010}^{(20)}m_{011}^{(00)}m_{021}^{(20)}+m_{010}^{(20)}m_{011}^{(00)}m_{012}^{(10)}+m_{010}^{(20)}m_{011}^{(10)}m_{210}^{(22)}+2m_{010}^{(20)}m_{011}^{(10)}m_{201}^{(21)}\\
&-2m_{010}^{(20)}m_{011}^{(10)}m_{102}^{(10)}-m_{010}^{(20)}m_{011}^{(10)}m_{012}^{(00)}-2m_{010}^{(20)}m_{011}^{(11)}m_{201}^{(20)}+2m_{010}^{(20)}m_{011}^{(11)}m_{102}^{(00)}\\
&-m_{010}^{(20)}m_{011}^{(20)}m_{210}^{(21)}+m_{010}^{(20)}m_{011}^{(20)}m_{120}^{(20)}+m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(10)}-m_{010}^{(20)}m_{011}^{(20)}m_{021}^{(00)}\\
&+m_{010}^{(20)}m_{002}^{(00)}m_{120}^{(21)}-m_{010}^{(20)}m_{002}^{(00)}m_{021}^{(10)}-m_{010}^{(20)}m_{002}^{(10)}m_{210}^{(21)}-m_{010}^{(20)}m_{002}^{(10)}m_{120}^{(20)}\\
&+m_{010}^{(20)}m_{002}^{(10)}m_{111}^{(10)}+m_{010}^{(20)}m_{002}^{(10)}m_{021}^{(00)}+m_{010}^{(20)}m_{002}^{(11)}m_{210}^{(20)}-m_{010}^{(20)}m_{002}^{(11)}m_{111}^{(00)}\\
&+2m_{010}^{(21)}m_{200}^{(10)}m_{111}^{(22)}-2m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(20)}-m_{010}^{(21)}m_{200}^{(11)}m_{201}^{(22)}+m_{010}^{(21)}m_{200}^{(11)}m_{102}^{(20)}\\
&-2m_{010}^{(21)}m_{200}^{(20)}m_{111}^{(21)}+2m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(10)}-m_{010}^{(21)}m_{200}^{(21)}m_{210}^{(22)}+m_{010}^{(21)}m_{200}^{(21)}m_{201}^{(21)}\\
&+m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(20)}-m_{010}^{(21)}m_{200}^{(21)}m_{102}^{(10)}+m_{010}^{(21)}m_{200}^{(22)}m_{210}^{(21)}-m_{010}^{(21)}m_{200}^{(22)}m_{111}^{(10)}\\
&-2m_{010}^{(21)}m_{110}^{(00)}m_{111}^{(22)}+2m_{010}^{(21)}m_{110}^{(00)}m_{012}^{(20)}+m_{010}^{(21)}m_{110}^{(20)}m_{210}^{(22)}+m_{010}^{(21)}m_{110}^{(20)}m_{201}^{(21)}\\
&+m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(20)}-m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(10)}-2m_{010}^{(21)}m_{110}^{(20)}m_{012}^{(00)}+m_{010}^{(21)}m_{110}^{(21)}m_{300}^{(22)}\\
&-2m_{010}^{(21)}m_{110}^{(21)}m_{201}^{(20)}+m_{010}^{(21)}m_{110}^{(21)}m_{102}^{(00)}-m_{010}^{(21)}m_{110}^{(22)}m_{300}^{(21)}-m_{010}^{(21)}m_{110}^{(22)}m_{210}^{(20)}\\
&+m_{010}^{(21)}m_{110}^{(22)}m_{201}^{(10)}+m_{010}^{(21)}m_{110}^{(22)}m_{111}^{(00)}+2m_{010}^{(21)}m_{101}^{(00)}m_{111}^{(21)}-2m_{010}^{(21)}m_{101}^{(00)}m_{012}^{(10)}\\
&-m_{010}^{(21)}m_{101}^{(10)}m_{210}^{(22)}-m_{010}^{(21)}m_{101}^{(10)}m_{201}^{(21)}-m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(20)}+m_{010}^{(21)}m_{101}^{(10)}m_{102}^{(10)}\\
&+2m_{010}^{(21)}m_{101}^{(10)}m_{012}^{(00)}+m_{010}^{(21)}m_{101}^{(11)}m_{300}^{(22)}-m_{010}^{(21)}m_{101}^{(11)}m_{102}^{(00)}-m_{010}^{(21)}m_{101}^{(21)}m_{300}^{(21)}\\
&+m_{010}^{(21)}m_{101}^{(21)}m_{210}^{(20)}+m_{010}^{(21)}m_{101}^{(21)}m_{201}^{(10)}-m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(00)}+m_{010}^{(21)}m_{020}^{(00)}m_{201}^{(22)}
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&-m_{010}^{(21)}m_{020}^{(00)}m_{102}^{(20)} - m_{010}^{(21)}m_{020}^{(20)}m_{300}^{(22)} + m_{010}^{(21)}m_{020}^{(20)}m_{102}^{(00)} + m_{010}^{(21)}m_{020}^{(22)}m_{300}^{(20)}\\
&-m_{010}^{(21)}m_{020}^{(22)}m_{201}^{(00)} + m_{010}^{(21)}m_{011}^{(00)}m_{210}^{(22)} - m_{010}^{(21)}m_{011}^{(00)}m_{201}^{(21)} - m_{010}^{(21)}m_{011}^{(00)}m_{111}^{(20)}\\
&+m_{010}^{(21)}m_{011}^{(00)}m_{102}^{(10)} - m_{010}^{(21)}m_{011}^{(10)}m_{300}^{(22)} + 2m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(20)} - m_{010}^{(21)}m_{011}^{(10)}m_{102}^{(00)}\\
&+m_{010}^{(21)}m_{011}^{(20)}m_{300}^{(21)} - m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(20)} - m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(10)} + m_{010}^{(21)}m_{011}^{(20)}m_{111}^{(00)}\\
&-m_{010}^{(21)}m_{002}^{(00)}m_{210}^{(21)} + m_{010}^{(21)}m_{002}^{(00)}m_{111}^{(10)} + m_{010}^{(21)}m_{002}^{(10)}m_{300}^{(21)} + m_{010}^{(21)}m_{002}^{(10)}m_{210}^{(20)}\\
&-m_{010}^{(21)}m_{002}^{(10)}m_{201}^{(10)} - m_{010}^{(21)}m_{002}^{(10)}m_{111}^{(00)} - m_{010}^{(21)}m_{002}^{(11)}m_{300}^{(20)} + m_{010}^{(21)}m_{002}^{(11)}m_{201}^{(00)}\\
&-m_{010}^{(22)}m_{200}^{(10)}m_{120}^{(22)} + m_{010}^{(22)}m_{200}^{(10)}m_{021}^{(20)} + m_{010}^{(22)}m_{200}^{(11)}m_{210}^{(22)} - m_{010}^{(22)}m_{200}^{(11)}m_{111}^{(20)}\\
&+m_{010}^{(22)}m_{200}^{(20)}m_{120}^{(21)} - m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(10)} - m_{010}^{(22)}m_{200}^{(21)}m_{210}^{(21)} + m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(10)}\\
&+m_{010}^{(22)}m_{110}^{(00)}m_{120}^{(22)} - m_{010}^{(22)}m_{110}^{(00)}m_{021}^{(20)} - m_{010}^{(22)}m_{110}^{(11)}m_{300}^{(22)} + m_{010}^{(22)}m_{110}^{(11)}m_{201}^{(20)}\\
&-m_{010}^{(22)}m_{110}^{(20)}m_{210}^{(21)} - m_{010}^{(22)}m_{110}^{(20)}m_{120}^{(20)} + m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(10)} + m_{010}^{(22)}m_{110}^{(20)}m_{021}^{(00)}\\
&+m_{010}^{(22)}m_{110}^{(21)}m_{300}^{(21)} + m_{010}^{(22)}m_{110}^{(21)}m_{210}^{(20)} - m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(10)} - m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(00)}\\
&-m_{010}^{(22)}m_{101}^{(00)}m_{120}^{(21)} + m_{010}^{(22)}m_{101}^{(00)}m_{021}^{(10)} + m_{010}^{(22)}m_{101}^{(10)}m_{210}^{(21)} + m_{010}^{(22)}m_{101}^{(10)}m_{120}^{(20)}\\
&-m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(10)} - m_{010}^{(22)}m_{101}^{(10)}m_{021}^{(00)} - m_{010}^{(22)}m_{101}^{(11)}m_{210}^{(20)} + m_{010}^{(22)}m_{101}^{(11)}m_{111}^{(00)}\\
&-m_{010}^{(22)}m_{020}^{(00)}m_{210}^{(22)} + m_{010}^{(22)}m_{020}^{(00)}m_{111}^{(20)} + m_{010}^{(22)}m_{020}^{(10)}m_{300}^{(22)} - m_{010}^{(22)}m_{020}^{(10)}m_{201}^{(20)}\\
&+m_{010}^{(22)}m_{020}^{(20)}m_{210}^{(20)} - m_{010}^{(22)}m_{020}^{(20)}m_{111}^{(00)} - m_{010}^{(22)}m_{020}^{(21)}m_{300}^{(20)} + m_{010}^{(22)}m_{020}^{(21)}m_{201}^{(00)}\\
&+m_{010}^{(22)}m_{011}^{(00)}m_{210}^{(21)} - m_{010}^{(22)}m_{011}^{(00)}m_{111}^{(10)} - m_{010}^{(22)}m_{011}^{(10)}m_{300}^{(21)} - m_{010}^{(22)}m_{011}^{(10)}m_{210}^{(20)}\\
&+m_{010}^{(22)}m_{011}^{(10)}m_{201}^{(10)} + m_{010}^{(22)}m_{011}^{(10)}m_{111}^{(00)} + m_{010}^{(22)}m_{011}^{(11)}m_{300}^{(20)} - m_{010}^{(22)}m_{011}^{(11)}m_{201}^{(00)}\\
&+m_{001}^{(00)}m_{110}^{(11)}m_{102}^{(21)} - m_{001}^{(00)}m_{110}^{(11)}m_{012}^{(20)} - m_{001}^{(00)}m_{110}^{(21)}m_{111}^{(21)} - m_{001}^{(00)}m_{110}^{(21)}m_{102}^{(11)}\\
&+m_{001}^{(00)}m_{110}^{(21)}m_{021}^{(20)} + m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(10)} + m_{001}^{(00)}m_{110}^{(22)}m_{111}^{(11)} - m_{001}^{(00)}m_{110}^{(22)}m_{021}^{(10)}\\
&-m_{001}^{(00)}m_{101}^{(11)}m_{111}^{(21)} + m_{001}^{(00)}m_{101}^{(11)}m_{021}^{(20)} + m_{001}^{(00)}m_{101}^{(21)}m_{120}^{(21)} + m_{001}^{(00)}m_{101}^{(21)}m_{111}^{(11)}\\
&-m_{001}^{(00)}m_{101}^{(21)}m_{030}^{(20)} - m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(10)} - m_{001}^{(00)}m_{101}^{(22)}m_{120}^{(11)} + m_{001}^{(00)}m_{101}^{(22)}m_{030}^{(10)}\\
&-m_{001}^{(00)}m_{020}^{(10)}m_{102}^{(21)} + m_{001}^{(00)}m_{020}^{(10)}m_{012}^{(20)} + m_{001}^{(00)}m_{020}^{(20)}m_{111}^{(21)} - m_{001}^{(00)}m_{020}^{(20)}m_{021}^{(20)}\\
&+m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(10)} - m_{001}^{(00)}m_{020}^{(21)}m_{012}^{(00)} - m_{001}^{(00)}m_{020}^{(22)}m_{111}^{(10)} + m_{001}^{(00)}m_{020}^{(22)}m_{021}^{(00)}\\
&+m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(21)} + m_{001}^{(00)}m_{011}^{(10)}m_{102}^{(11)} - m_{001}^{(00)}m_{011}^{(10)}m_{021}^{(20)} - m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(10)}\\
&-m_{001}^{(00)}m_{011}^{(11)}m_{102}^{(10)} + m_{001}^{(00)}m_{011}^{(11)}m_{012}^{(00)} - m_{001}^{(00)}m_{011}^{(20)}m_{120}^{(21)} - m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(11)}\\
&+m_{001}^{(00)}m_{011}^{(20)}m_{030}^{(20)} + m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(10)} + m_{001}^{(00)}m_{011}^{(22)}m_{120}^{(10)} - m_{001}^{(00)}m_{011}^{(22)}m_{030}^{(00)}\\
&-m_{001}^{(00)}m_{002}^{(10)}m_{111}^{(11)} + m_{001}^{(00)}m_{002}^{(10)}m_{021}^{(10)} + m_{001}^{(00)}m_{002}^{(11)}m_{111}^{(10)} - m_{001}^{(00)}m_{002}^{(11)}m_{021}^{(00)}\\
&+m_{001}^{(00)}m_{002}^{(20)}m_{120}^{(11)} - m_{001}^{(00)}m_{002}^{(20)}m_{030}^{(10)} - m_{001}^{(00)}m_{002}^{(21)}m_{120}^{(10)} + m_{001}^{(00)}m_{002}^{(21)}m_{030}^{(00)}\\
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&-m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(20)} - m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(10)} - m_{001}^{(10)}m_{200}^{(22)}m_{111}^{(11)} + m_{001}^{(10)}m_{200}^{(22)}m_{021}^{(10)}\\
&-m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(21)} + m_{001}^{(10)}m_{110}^{(20)}m_{102}^{(11)} + m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(20)} - m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(10)}\\
&+m_{001}^{(10)}m_{110}^{(21)}m_{201}^{(21)} - m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(20)} - m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(10)} + m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(00)}\\
&-m_{001}^{(10)}m_{110}^{(22)}m_{201}^{(11)} + 2m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(10)} - m_{001}^{(10)}m_{110}^{(22)}m_{021}^{(00)} + m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(21)}\\
&-m_{001}^{(10)}m_{101}^{(10)}m_{102}^{(11)} - m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(20)} + m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(10)} + m_{001}^{(10)}m_{101}^{(11)}m_{201}^{(21)}\\
&-m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(20)} + m_{001}^{(10)}m_{101}^{(11)}m_{102}^{(10)} - m_{001}^{(10)}m_{101}^{(11)}m_{012}^{(00)} - 2m_{001}^{(10)}m_{101}^{(21)}m_{210}^{(21)}\\
&-m_{001}^{(10)}m_{101}^{(21)}m_{201}^{(11)} + 2m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(20)} + m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(00)} + 2m_{001}^{(10)}m_{101}^{(22)}m_{210}^{(11)}\\
&-2m_{001}^{(10)}m_{101}^{(22)}m_{120}^{(10)} + m_{001}^{(10)}m_{020}^{(00)}m_{102}^{(21)} - m_{001}^{(10)}m_{020}^{(00)}m_{012}^{(20)} - m_{001}^{(10)}m_{020}^{(20)}m_{201}^{(21)}\\
&+m_{001}^{(10)}m_{020}^{(20)}m_{111}^{(20)} - m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(10)} + m_{001}^{(10)}m_{020}^{(20)}m_{012}^{(00)} + m_{001}^{(10)}m_{020}^{(22)}m_{201}^{(10)}
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&-m_{001}^{(10)}m_{020}^{(22)}m_{111}^{(00)} - m_{001}^{(10)}m_{011}^{(00)}m_{111}^{(21)} - m_{001}^{(10)}m_{011}^{(00)}m_{102}^{(11)} + m_{001}^{(10)}m_{011}^{(00)}m_{021}^{(20)}\\
&+m_{001}^{(10)}m_{011}^{(00)}m_{012}^{(10)} - m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(21)} + m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(20)} + m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(10)}\\
&-m_{001}^{(10)}m_{011}^{(10)}m_{012}^{(00)} + 2m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(21)} + m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(11)} - 2m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(20)}\\
&-m_{001}^{(10)}m_{011}^{(20)}m_{021}^{(00)} - 2m_{001}^{(10)}m_{011}^{(22)}m_{210}^{(10)} + 2m_{001}^{(10)}m_{011}^{(22)}m_{120}^{(00)} + m_{001}^{(10)}m_{002}^{(00)}m_{111}^{(11)}\\
&-m_{001}^{(10)}m_{002}^{(00)}m_{021}^{(10)} + m_{001}^{(10)}m_{002}^{(10)}m_{201}^{(11)} - 2m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(10)} + m_{001}^{(10)}m_{002}^{(10)}m_{021}^{(00)}\\
&-m_{001}^{(10)}m_{002}^{(11)}m_{201}^{(10)} + m_{001}^{(10)}m_{002}^{(11)}m_{111}^{(00)} - 2m_{001}^{(10)}m_{002}^{(20)}m_{210}^{(11)} + 2m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(10)}\\
&+2m_{001}^{(10)}m_{002}^{(21)}m_{210}^{(10)} - 2m_{001}^{(10)}m_{002}^{(21)}m_{120}^{(00)} + m_{001}^{(11)}m_{200}^{(10)}m_{102}^{(21)} - m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(20)}\\
&-m_{001}^{(11)}m_{200}^{(20)}m_{102}^{(11)} + m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(10)} - m_{001}^{(11)}m_{200}^{(21)}m_{201}^{(21)} + m_{001}^{(11)}m_{200}^{(21)}m_{111}^{(20)}\\
&+m_{001}^{(11)}m_{200}^{(22)}m_{201}^{(11)} - m_{001}^{(11)}m_{200}^{(22)}m_{111}^{(10)} - m_{001}^{(11)}m_{110}^{(00)}m_{102}^{(21)} + m_{001}^{(11)}m_{110}^{(00)}m_{012}^{(20)}\\
&+m_{001}^{(11)}m_{110}^{(20)}m_{201}^{(21)} - m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(20)} + m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(10)} - m_{001}^{(11)}m_{110}^{(20)}m_{012}^{(00)}\\
&-m_{001}^{(11)}m_{110}^{(22)}m_{201}^{(10)} + m_{001}^{(11)}m_{110}^{(22)}m_{111}^{(00)} + m_{001}^{(11)}m_{101}^{(00)}m_{102}^{(11)} - m_{001}^{(11)}m_{101}^{(00)}m_{012}^{(10)}\\
&-m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(21)} + m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(20)} - m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(10)} + m_{001}^{(11)}m_{101}^{(10)}m_{012}^{(00)}\\
&+m_{001}^{(11)}m_{101}^{(21)}m_{300}^{(21)} - m_{001}^{(11)}m_{101}^{(21)}m_{210}^{(20)} + m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(10)} - m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(00)}\\
&-m_{001}^{(11)}m_{101}^{(22)}m_{300}^{(11)} + m_{001}^{(11)}m_{101}^{(22)}m_{210}^{(10)} + m_{001}^{(11)}m_{011}^{(00)}m_{201}^{(21)} - m_{001}^{(11)}m_{011}^{(00)}m_{111}^{(20)}\\
&-m_{001}^{(11)}m_{011}^{(20)}m_{300}^{(21)} + m_{001}^{(11)}m_{011}^{(20)}m_{210}^{(20)} - m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(10)} + m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(00)}\\
&+m_{001}^{(11)}m_{011}^{(22)}m_{300}^{(10)} - m_{001}^{(11)}m_{011}^{(22)}m_{210}^{(00)} - m_{001}^{(11)}m_{002}^{(00)}m_{201}^{(11)} + m_{001}^{(11)}m_{002}^{(00)}m_{111}^{(10)}\\
&+m_{001}^{(11)}m_{002}^{(10)}m_{201}^{(10)} - m_{001}^{(11)}m_{002}^{(10)}m_{111}^{(00)} + m_{001}^{(11)}m_{002}^{(20)}m_{300}^{(11)} - m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(10)}\\
&-m_{001}^{(11)}m_{002}^{(21)}m_{300}^{(10)} + m_{001}^{(11)}m_{002}^{(21)}m_{210}^{(00)} + m_{001}^{(20)}m_{200}^{(11)}m_{111}^{(21)} - m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(20)}\\
&-m_{001}^{(20)}m_{200}^{(21)}m_{120}^{(21)} - m_{001}^{(20)}m_{200}^{(21)}m_{111}^{(11)} + m_{001}^{(20)}m_{200}^{(21)}m_{030}^{(20)} + m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(10)}\\
&+m_{001}^{(20)}m_{200}^{(22)}m_{120}^{(11)} - m_{001}^{(20)}m_{200}^{(22)}m_{030}^{(10)} - 2m_{001}^{(20)}m_{110}^{(11)}m_{201}^{(21)} + 2m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(20)}\\
&+m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(21)} - m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(11)} - m_{001}^{(20)}m_{110}^{(20)}m_{030}^{(20)} + m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(10)}\\
&+m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(21)} + 2m_{001}^{(20)}m_{110}^{(21)}m_{201}^{(11)} - m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(20)} - m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(10)}\\
&-m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(00)} - m_{001}^{(20)}m_{110}^{(22)}m_{210}^{(11)} + m_{001}^{(20)}m_{110}^{(22)}m_{030}^{(00)} - m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(21)}\\
&+m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(11)} + m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(20)} - m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(10)} + m_{001}^{(20)}m_{101}^{(11)}m_{210}^{(21)}\\
&-m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(20)} - m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(10)} + m_{001}^{(20)}m_{101}^{(11)}m_{021}^{(00)} - m_{001}^{(20)}m_{101}^{(21)}m_{210}^{(11)}\\
&+2m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(10)} - m_{001}^{(20)}m_{101}^{(21)}m_{030}^{(00)} - m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(21)} + m_{001}^{(20)}m_{020}^{(00)}m_{021}^{(20)}\\
&+2m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(21)} - 2m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(20)} - m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(21)} + m_{001}^{(20)}m_{020}^{(20)}m_{120}^{(20)}\\
&+m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(10)} - m_{001}^{(20)}m_{020}^{(20)}m_{021}^{(00)} - 2m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(10)} + 2m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(00)}\\
&+m_{001}^{(20)}m_{020}^{(22)}m_{210}^{(10)} - m_{001}^{(20)}m_{020}^{(22)}m_{120}^{(00)} + m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(21)} + m_{001}^{(20)}m_{011}^{(00)}m_{111}^{(11)}\\
&-m_{001}^{(20)}m_{011}^{(00)}m_{030}^{(20)} - m_{001}^{(20)}m_{011}^{(00)}m_{021}^{(10)} - m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(21)} - 2m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(11)}\\
&+m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(20)} + m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(10)} + m_{001}^{(20)}m_{011}^{(10)}m_{021}^{(00)} + 2m_{001}^{(20)}m_{011}^{(11)}m_{201}^{(10)}\\
&-2m_{001}^{(20)}m_{011}^{(11)}m_{111}^{(00)} + m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(11)} - 2m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(10)} + m_{001}^{(20)}m_{011}^{(20)}m_{030}^{(00)}\\
&-m_{001}^{(20)}m_{002}^{(00)}m_{120}^{(11)} + m_{001}^{(20)}m_{002}^{(00)}m_{030}^{(10)} + m_{001}^{(20)}m_{002}^{(10)}m_{210}^{(11)} - m_{001}^{(20)}m_{002}^{(10)}m_{030}^{(00)}\\
&-m_{001}^{(20)}m_{002}^{(11)}m_{210}^{(10)} + m_{001}^{(20)}m_{002}^{(11)}m_{120}^{(00)} - 2m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(21)} + 2m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(20)}\\
&+m_{001}^{(21)}m_{200}^{(11)}m_{201}^{(21)} - m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(20)} + 2m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(11)} - 2m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(10)}\\
&+m_{001}^{(21)}m_{200}^{(21)}m_{210}^{(21)} - m_{001}^{(21)}m_{200}^{(21)}m_{201}^{(11)} - m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(20)} + m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(10)}\\
&-m_{001}^{(21)}m_{200}^{(22)}m_{210}^{(11)} + m_{001}^{(21)}m_{200}^{(22)}m_{120}^{(10)} + 2m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(21)} - 2m_{001}^{(21)}m_{110}^{(00)}m_{021}^{(20)}\\
&-m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(21)} - m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(11)} + m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(20)} - m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(10)}
\end{aligned}
$$

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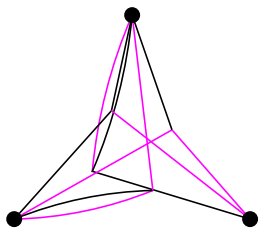
\begin{aligned}
&+2m_{001}^{(21)}m_{110}^{(20)}m_{021}^{(00)} - m_{001}^{(21)}m_{110}^{(21)}m_{300}^{(21)} + m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(20)} + m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(10)}\\
&-m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(00)} + m_{001}^{(21)}m_{110}^{(22)}m_{300}^{(11)} - m_{001}^{(21)}m_{110}^{(22)}m_{120}^{(00)} - 2m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(11)}\\
&+2m_{001}^{(21)}m_{101}^{(00)}m_{021}^{(10)} + m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(21)} + m_{001}^{(21)}m_{101}^{(10)}m_{201}^{(11)} - m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(20)}\\
&+m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(10)} - 2m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(00)} - m_{001}^{(21)}m_{101}^{(11)}m_{300}^{(21)} + m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(20)}\\
&-m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(10)} + m_{001}^{(21)}m_{101}^{(11)}m_{111}^{(00)} + m_{001}^{(21)}m_{101}^{(21)}m_{300}^{(11)} - 2m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(10)}\\
&+m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(00)} - m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(21)} + m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(20)} + m_{001}^{(21)}m_{020}^{(20)}m_{300}^{(21)}\\
&-m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(20)} + m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(10)} - m_{001}^{(21)}m_{020}^{(20)}m_{111}^{(00)} - m_{001}^{(21)}m_{020}^{(22)}m_{300}^{(10)}\\
&+m_{001}^{(21)}m_{020}^{(22)}m_{210}^{(00)} - m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(21)} + m_{001}^{(21)}m_{011}^{(00)}m_{201}^{(11)} + m_{001}^{(21)}m_{011}^{(00)}m_{120}^{(20)}\\
&-m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(10)} + m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(21)} - m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(20)} - m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(10)}\\
&+m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(00)} - m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(11)} + 2m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(10)} - m_{001}^{(21)}m_{011}^{(20)}m_{120}^{(00)}\\
&+m_{001}^{(21)}m_{002}^{(00)}m_{210}^{(11)} - m_{001}^{(21)}m_{002}^{(00)}m_{120}^{(10)} - m_{001}^{(21)}m_{002}^{(10)}m_{300}^{(11)} + m_{001}^{(21)}m_{002}^{(10)}m_{120}^{(00)}\\
&+m_{001}^{(21)}m_{002}^{(11)}m_{300}^{(10)} - m_{001}^{(21)}m_{002}^{(11)}m_{210}^{(00)} + m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(21)} - m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(20)}\\
&-m_{001}^{(22)}m_{200}^{(11)}m_{210}^{(21)} + m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(20)} - m_{001}^{(22)}m_{200}^{(20)}m_{120}^{(11)} + m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(10)}\\
&+m_{001}^{(22)}m_{200}^{(21)}m_{210}^{(11)} - m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(10)} - m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(21)} + m_{001}^{(22)}m_{110}^{(00)}m_{030}^{(20)}\\
&+m_{001}^{(22)}m_{110}^{(11)}m_{300}^{(21)} - m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(20)} + m_{001}^{(22)}m_{110}^{(20)}m_{210}^{(11)} - m_{001}^{(22)}m_{110}^{(20)}m_{030}^{(00)}\\
&-m_{001}^{(22)}m_{110}^{(21)}m_{300}^{(11)} + m_{001}^{(22)}m_{110}^{(21)}m_{120}^{(00)} + m_{001}^{(22)}m_{101}^{(00)}m_{120}^{(11)} - m_{001}^{(22)}m_{101}^{(00)}m_{030}^{(10)}\\
&-m_{001}^{(22)}m_{101}^{(10)}m_{210}^{(11)} + m_{001}^{(22)}m_{101}^{(10)}m_{030}^{(00)} + m_{001}^{(22)}m_{101}^{(11)}m_{210}^{(10)} - m_{001}^{(22)}m_{101}^{(11)}m_{120}^{(00)}\\
&+m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(21)} - m_{001}^{(22)}m_{020}^{(00)}m_{120}^{(20)} - m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(21)} + m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(20)}\\
&-m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(10)} + m_{001}^{(22)}m_{020}^{(20)}m_{120}^{(00)} + m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(10)} - m_{001}^{(22)}m_{020}^{(21)}m_{210}^{(00)}\\
&-m_{001}^{(22)}m_{011}^{(00)}m_{210}^{(11)} + m_{001}^{(22)}m_{011}^{(00)}m_{120}^{(10)} + m_{001}^{(22)}m_{011}^{(10)}m_{300}^{(11)} - m_{001}^{(22)}m_{011}^{(10)}m_{120}^{(00)}\\
&-m_{001}^{(22)}m_{011}^{(11)}m_{300}^{(10)} + m_{001}^{(22)}m_{011}^{(11)}m_{210}^{(00)}
\end{aligned}
$$

Generating graph:

$V1$	$V1$	1	$V2$
1	2	2	2
$V2$	$V3$	$V3$	3



$$
\begin{aligned}
T_{64} \;=\;& m_{100}^{(00)}m_{110}^{(11)}m_{012}^{(22)} - m_{100}^{(00)}m_{110}^{(11)}m_{003}^{(21)} - m_{100}^{(00)}m_{110}^{(21)}m_{021}^{(22)} + m_{100}^{(00)}m_{110}^{(21)}m_{003}^{(11)}\\
&+m_{100}^{(00)}m_{110}^{(22)}m_{021}^{(21)} - m_{100}^{(00)}m_{110}^{(22)}m_{012}^{(11)} - m_{100}^{(00)}m_{101}^{(11)}m_{021}^{(22)} + m_{100}^{(00)}m_{101}^{(11)}m_{012}^{(21)}
\end{aligned}
$$

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\begin{aligned}
&+m_{100}^{(00)}m_{101}^{(21)}m_{030}^{(22)} - m_{100}^{(00)}m_{101}^{(21)}m_{012}^{(11)} - m_{100}^{(00)}m_{101}^{(22)}m_{030}^{(21)} + m_{100}^{(00)}m_{101}^{(22)}m_{021}^{(11)}\\
&-m_{100}^{(00)}m_{020}^{(11)}m_{102}^{(22)} + m_{100}^{(00)}m_{020}^{(11)}m_{003}^{(20)} + m_{100}^{(00)}m_{020}^{(21)}m_{111}^{(22)} + m_{100}^{(00)}m_{020}^{(21)}m_{102}^{(21)}\\
&-m_{100}^{(00)}m_{020}^{(21)}m_{012}^{(20)} - m_{100}^{(00)}m_{020}^{(21)}m_{003}^{(10)} - m_{100}^{(00)}m_{020}^{(22)}m_{111}^{(21)} + m_{100}^{(00)}m_{020}^{(22)}m_{012}^{(10)}\\
&+m_{100}^{(00)}m_{011}^{(11)}m_{111}^{(22)} + m_{100}^{(00)}m_{011}^{(11)}m_{102}^{(21)} - 2m_{100}^{(00)}m_{011}^{(11)}m_{012}^{(20)} - m_{100}^{(00)}m_{011}^{(21)}m_{120}^{(22)}\\
&-2m_{100}^{(00)}m_{011}^{(21)}m_{111}^{(21)} - m_{100}^{(00)}m_{011}^{(21)}m_{102}^{(11)} + 2m_{100}^{(00)}m_{011}^{(21)}m_{021}^{(20)} + 2m_{100}^{(00)}m_{011}^{(21)}m_{012}^{(10)}\\
&+m_{100}^{(00)}m_{011}^{(22)}m_{120}^{(21)} + m_{100}^{(00)}m_{011}^{(22)}m_{111}^{(11)} - 2m_{100}^{(00)}m_{011}^{(22)}m_{021}^{(10)} - m_{100}^{(00)}m_{002}^{(11)}m_{111}^{(21)}\\
&+m_{100}^{(00)}m_{002}^{(11)}m_{021}^{(20)} + m_{100}^{(00)}m_{002}^{(21)}m_{120}^{(21)} + m_{100}^{(00)}m_{002}^{(21)}m_{111}^{(11)} - m_{100}^{(00)}m_{002}^{(21)}m_{030}^{(20)}\\
&-m_{100}^{(00)}m_{002}^{(21)}m_{021}^{(10)} - m_{100}^{(00)}m_{002}^{(22)}m_{120}^{(11)} + m_{100}^{(00)}m_{002}^{(22)}m_{030}^{(10)} - m_{100}^{(10)}m_{200}^{(11)}m_{012}^{(22)}\\
&+m_{100}^{(10)}m_{200}^{(11)}m_{003}^{(21)} + m_{100}^{(10)}m_{200}^{(21)}m_{021}^{(22)} - m_{100}^{(10)}m_{200}^{(21)}m_{003}^{(11)} - m_{100}^{(10)}m_{200}^{(22)}m_{021}^{(21)}\\
&+m_{100}^{(10)}m_{200}^{(22)}m_{012}^{(11)} - m_{100}^{(10)}m_{110}^{(10)}m_{012}^{(22)} + m_{100}^{(10)}m_{110}^{(10)}m_{003}^{(21)} + m_{100}^{(10)}m_{110}^{(11)}m_{102}^{(22)}\\
&-m_{100}^{(10)}m_{110}^{(11)}m_{003}^{(20)} + m_{100}^{(10)}m_{110}^{(20)}m_{021}^{(22)} - m_{100}^{(10)}m_{110}^{(20)}m_{012}^{(21)} - m_{100}^{(10)}m_{110}^{(21)}m_{111}^{(22)}\\
&-m_{100}^{(10)}m_{110}^{(21)}m_{102}^{(21)} + 2m_{100}^{(10)}m_{110}^{(21)}m_{012}^{(20)} + m_{100}^{(10)}m_{110}^{(22)}m_{111}^{(21)} - m_{100}^{(10)}m_{110}^{(22)}m_{021}^{(20)}\\
&+m_{100}^{(10)}m_{101}^{(10)}m_{021}^{(22)} - m_{100}^{(10)}m_{101}^{(10)}m_{012}^{(21)} + m_{100}^{(10)}m_{101}^{(11)}m_{111}^{(22)} - 2m_{100}^{(10)}m_{101}^{(11)}m_{102}^{(21)}\\
&+m_{100}^{(10)}m_{101}^{(11)}m_{012}^{(20)} - m_{100}^{(10)}m_{101}^{(20)}m_{030}^{(22)} + m_{100}^{(10)}m_{101}^{(20)}m_{021}^{(21)} - m_{100}^{(10)}m_{101}^{(21)}m_{120}^{(22)}\\
&+m_{100}^{(10)}m_{101}^{(21)}m_{111}^{(21)} + 2m_{100}^{(10)}m_{101}^{(21)}m_{102}^{(11)} - 2m_{100}^{(10)}m_{101}^{(21)}m_{021}^{(20)} + m_{100}^{(10)}m_{101}^{(22)}m_{120}^{(21)}\\
&-2m_{100}^{(10)}m_{101}^{(22)}m_{111}^{(11)} + m_{100}^{(10)}m_{101}^{(22)}m_{030}^{(20)} + m_{100}^{(10)}m_{020}^{(10)}m_{102}^{(22)} - m_{100}^{(10)}m_{020}^{(10)}m_{003}^{(20)}\\
&-m_{100}^{(10)}m_{020}^{(20)}m_{111}^{(22)} + m_{100}^{(10)}m_{020}^{(20)}m_{012}^{(20)} - m_{100}^{(10)}m_{020}^{(21)}m_{102}^{(20)} + m_{100}^{(10)}m_{020}^{(21)}m_{003}^{(00)}\\
&+m_{100}^{(10)}m_{020}^{(22)}m_{111}^{(20)} - m_{100}^{(10)}m_{020}^{(22)}m_{012}^{(00)} - m_{100}^{(10)}m_{011}^{(10)}m_{111}^{(22)} - m_{100}^{(10)}m_{011}^{(10)}m_{102}^{(21)}\\
&+2m_{100}^{(10)}m_{011}^{(10)}m_{012}^{(20)} - m_{100}^{(10)}m_{011}^{(11)}m_{201}^{(22)} + m_{100}^{(10)}m_{011}^{(11)}m_{102}^{(20)} + m_{100}^{(10)}m_{011}^{(20)}m_{120}^{(22)}\\
&+m_{100}^{(10)}m_{011}^{(20)}m_{111}^{(21)} - 2m_{100}^{(10)}m_{011}^{(20)}m_{021}^{(20)} + m_{100}^{(10)}m_{011}^{(21)}m_{210}^{(22)} + m_{100}^{(10)}m_{011}^{(21)}m_{201}^{(21)}\\
&-2m_{100}^{(10)}m_{011}^{(21)}m_{012}^{(00)} - m_{100}^{(10)}m_{011}^{(22)}m_{210}^{(21)} - m_{100}^{(10)}m_{011}^{(22)}m_{120}^{(20)} + 2m_{100}^{(10)}m_{011}^{(22)}m_{021}^{(00)}\\
&+m_{100}^{(10)}m_{002}^{(10)}m_{111}^{(21)} - m_{100}^{(10)}m_{002}^{(10)}m_{021}^{(20)} + m_{100}^{(10)}m_{002}^{(11)}m_{201}^{(21)} - m_{100}^{(10)}m_{002}^{(11)}m_{111}^{(20)}\\
&-m_{100}^{(10)}m_{002}^{(20)}m_{120}^{(21)} + m_{100}^{(10)}m_{002}^{(20)}m_{030}^{(20)} - m_{100}^{(10)}m_{002}^{(21)}m_{210}^{(20)} - m_{100}^{(10)}m_{002}^{(21)}m_{201}^{(11)}\\
&+m_{100}^{(10)}m_{002}^{(21)}m_{120}^{(20)} + m_{100}^{(10)}m_{002}^{(21)}m_{021}^{(00)} + m_{100}^{(10)}m_{002}^{(22)}m_{210}^{(11)} - m_{100}^{(10)}m_{002}^{(22)}m_{030}^{(00)}\\
&+m_{100}^{(11)}m_{200}^{(10)}m_{012}^{(22)} - m_{100}^{(11)}m_{200}^{(10)}m_{003}^{(21)} - m_{100}^{(11)}m_{200}^{(20)}m_{021}^{(22)} + m_{100}^{(11)}m_{200}^{(20)}m_{012}^{(21)}\\
&-m_{100}^{(11)}m_{200}^{(21)}m_{012}^{(20)} + m_{100}^{(11)}m_{200}^{(21)}m_{003}^{(10)} + m_{100}^{(11)}m_{200}^{(22)}m_{021}^{(20)} - m_{100}^{(11)}m_{200}^{(22)}m_{012}^{(10)}\\
&-m_{100}^{(11)}m_{110}^{(10)}m_{102}^{(22)} + m_{100}^{(11)}m_{110}^{(10)}m_{003}^{(20)} + m_{100}^{(11)}m_{110}^{(20)}m_{111}^{(22)} - m_{100}^{(11)}m_{110}^{(20)}m_{012}^{(20)}\\
&+m_{100}^{(11)}m_{110}^{(21)}m_{102}^{(20)} - m_{100}^{(11)}m_{110}^{(21)}m_{003}^{(00)} - m_{100}^{(11)}m_{110}^{(22)}m_{111}^{(20)} + m_{100}^{(11)}m_{110}^{(22)}m_{012}^{(00)}\\
&-m_{100}^{(11)}m_{101}^{(10)}m_{111}^{(22)} + 2m_{100}^{(11)}m_{101}^{(10)}m_{102}^{(21)} - m_{100}^{(11)}m_{101}^{(10)}m_{012}^{(20)} + m_{100}^{(11)}m_{101}^{(20)}m_{120}^{(22)}\\
&-2m_{100}^{(11)}m_{101}^{(20)}m_{111}^{(21)} + m_{100}^{(11)}m_{101}^{(20)}m_{021}^{(20)} + m_{100}^{(11)}m_{101}^{(21)}m_{111}^{(20)} - 2m_{100}^{(11)}m_{101}^{(21)}m_{102}^{(10)}\\
&+m_{100}^{(11)}m_{101}^{(21)}m_{012}^{(00)} - m_{100}^{(11)}m_{101}^{(22)}m_{120}^{(20)} + 2m_{100}^{(11)}m_{101}^{(22)}m_{111}^{(10)} - m_{100}^{(11)}m_{101}^{(22)}m_{021}^{(00)}\\
&+m_{100}^{(11)}m_{011}^{(10)}m_{201}^{(22)} - m_{100}^{(11)}m_{011}^{(10)}m_{102}^{(20)} - m_{100}^{(11)}m_{011}^{(20)}m_{210}^{(22)} + m_{100}^{(11)}m_{011}^{(20)}m_{111}^{(20)}\\
&-m_{100}^{(11)}m_{011}^{(21)}m_{201}^{(20)} + m_{100}^{(11)}m_{011}^{(21)}m_{102}^{(00)} + m_{100}^{(11)}m_{011}^{(22)}m_{210}^{(20)} - m_{100}^{(11)}m_{011}^{(22)}m_{111}^{(00)}\\
&-m_{100}^{(11)}m_{002}^{(10)}m_{201}^{(21)} + m_{100}^{(11)}m_{002}^{(10)}m_{111}^{(20)} + m_{100}^{(11)}m_{002}^{(20)}m_{210}^{(21)} - m_{100}^{(11)}m_{002}^{(20)}m_{120}^{(20)}\\
&+m_{100}^{(11)}m_{002}^{(21)}m_{201}^{(10)} - m_{100}^{(11)}m_{002}^{(21)}m_{111}^{(00)} - m_{100}^{(11)}m_{002}^{(22)}m_{210}^{(10)} + m_{100}^{(11)}m_{002}^{(22)}m_{120}^{(00)}\\
&+m_{100}^{(20)}m_{200}^{(11)}m_{021}^{(22)} - m_{100}^{(20)}m_{200}^{(11)}m_{012}^{(21)} - m_{100}^{(20)}m_{200}^{(21)}m_{030}^{(22)} + m_{100}^{(20)}m_{200}^{(21)}m_{012}^{(11)}\\
&+m_{100}^{(20)}m_{200}^{(22)}m_{030}^{(21)} - m_{100}^{(20)}m_{200}^{(22)}m_{021}^{(11)} + m_{100}^{(20)}m_{110}^{(10)}m_{012}^{(21)} - m_{100}^{(20)}m_{110}^{(10)}m_{003}^{(11)}\\
&-2m_{100}^{(20)}m_{110}^{(11)}m_{111}^{(22)} + m_{100}^{(20)}m_{110}^{(11)}m_{102}^{(21)} + m_{100}^{(20)}m_{110}^{(11)}m_{003}^{(10)} - m_{100}^{(20)}m_{110}^{(20)}m_{021}^{(21)}
\end{aligned}
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\begin{aligned}
&+m_{100}^{(20)}m_{110}^{(20)}m_{012}^{(11)}+2m_{100}^{(20)}m_{110}^{(21)}m_{120}^{(22)}+m_{100}^{(20)}m_{110}^{(21)}m_{111}^{(21)}-m_{100}^{(20)}m_{110}^{(21)}m_{102}^{(11)}\\
&-2m_{100}^{(20)}m_{110}^{(21)}m_{012}^{(10)}-2m_{100}^{(20)}m_{110}^{(22)}m_{120}^{(21)}+m_{100}^{(20)}m_{110}^{(22)}m_{111}^{(11)}+m_{100}^{(20)}m_{110}^{(22)}m_{021}^{(10)}\\
&-m_{100}^{(20)}m_{101}^{(10)}m_{021}^{(21)}+m_{100}^{(20)}m_{101}^{(10)}m_{012}^{(11)}+m_{100}^{(20)}m_{101}^{(11)}m_{111}^{(21)}-m_{100}^{(20)}m_{101}^{(11)}m_{012}^{(10)}\\
&+m_{100}^{(20)}m_{101}^{(20)}m_{030}^{(21)}-m_{100}^{(20)}m_{101}^{(20)}m_{021}^{(11)}-m_{100}^{(20)}m_{101}^{(21)}m_{120}^{(21)}-m_{100}^{(20)}m_{101}^{(21)}m_{111}^{(11)}\\
&+2m_{100}^{(20)}m_{101}^{(21)}m_{021}^{(10)}+m_{100}^{(20)}m_{101}^{(22)}m_{120}^{(11)}-m_{100}^{(20)}m_{101}^{(22)}m_{030}^{(10)}-m_{100}^{(20)}m_{020}^{(10)}m_{102}^{(21)}\\
&+m_{100}^{(20)}m_{020}^{(10)}m_{003}^{(10)}+m_{100}^{(20)}m_{020}^{(11)}m_{201}^{(22)}-m_{100}^{(20)}m_{020}^{(11)}m_{003}^{(00)}+m_{100}^{(20)}m_{020}^{(20)}m_{111}^{(21)}\\
&-m_{100}^{(20)}m_{020}^{(20)}m_{012}^{(10)}-m_{100}^{(20)}m_{020}^{(21)}m_{210}^{(22)}-m_{100}^{(20)}m_{020}^{(21)}m_{201}^{(21)}+m_{100}^{(20)}m_{020}^{(21)}m_{102}^{(10)}\\
&+m_{100}^{(20)}m_{020}^{(21)}m_{012}^{(00)}+m_{100}^{(20)}m_{020}^{(22)}m_{210}^{(21)}-m_{100}^{(20)}m_{020}^{(22)}m_{111}^{(10)}+m_{100}^{(20)}m_{011}^{(10)}m_{111}^{(21)}\\
&+m_{100}^{(20)}m_{011}^{(10)}m_{102}^{(11)}-2m_{100}^{(20)}m_{011}^{(10)}m_{012}^{(10)}-m_{100}^{(20)}m_{011}^{(11)}m_{201}^{(21)}-m_{100}^{(20)}m_{011}^{(11)}m_{102}^{(10)}\\
&+2m_{100}^{(20)}m_{011}^{(11)}m_{012}^{(00)}-m_{100}^{(20)}m_{011}^{(20)}m_{120}^{(21)}-m_{100}^{(20)}m_{011}^{(20)}m_{111}^{(11)}+2m_{100}^{(20)}m_{011}^{(20)}m_{021}^{(10)}\\
&+m_{100}^{(20)}m_{011}^{(21)}m_{210}^{(21)}+m_{100}^{(20)}m_{011}^{(21)}m_{201}^{(11)}-2m_{100}^{(20)}m_{011}^{(21)}m_{021}^{(00)}-m_{100}^{(20)}m_{011}^{(22)}m_{210}^{(11)}\\
&+m_{100}^{(20)}m_{011}^{(22)}m_{120}^{(10)}-m_{100}^{(20)}m_{002}^{(10)}m_{111}^{(11)}+m_{100}^{(20)}m_{002}^{(10)}m_{021}^{(10)}+m_{100}^{(20)}m_{002}^{(11)}m_{111}^{(10)}\\
&-m_{100}^{(20)}m_{002}^{(11)}m_{021}^{(00)}+m_{100}^{(20)}m_{002}^{(20)}m_{120}^{(11)}-m_{100}^{(20)}m_{002}^{(20)}m_{030}^{(10)}-m_{100}^{(20)}m_{002}^{(21)}m_{120}^{(10)}\\
&+m_{100}^{(20)}m_{002}^{(21)}m_{030}^{(00)}-m_{100}^{(21)}m_{200}^{(10)}m_{021}^{(22)}+m_{100}^{(21)}m_{200}^{(10)}m_{003}^{(11)}+m_{100}^{(21)}m_{200}^{(11)}m_{012}^{(20)}\\
&-m_{100}^{(21)}m_{200}^{(11)}m_{003}^{(10)}+m_{100}^{(21)}m_{200}^{(20)}m_{030}^{(22)}-m_{100}^{(21)}m_{200}^{(20)}m_{012}^{(11)}-m_{100}^{(21)}m_{200}^{(22)}m_{030}^{(20)}\\
&+m_{100}^{(21)}m_{200}^{(22)}m_{021}^{(10)}+2m_{100}^{(21)}m_{110}^{(10)}m_{111}^{(22)}-m_{100}^{(21)}m_{110}^{(10)}m_{012}^{(20)}-m_{100}^{(21)}m_{110}^{(10)}m_{003}^{(10)}\\
&-m_{100}^{(21)}m_{110}^{(11)}m_{102}^{(20)}+m_{100}^{(21)}m_{110}^{(11)}m_{003}^{(00)}-2m_{100}^{(21)}m_{110}^{(20)}m_{120}^{(22)}+m_{100}^{(21)}m_{110}^{(20)}m_{021}^{(20)}\\
&+m_{100}^{(21)}m_{110}^{(20)}m_{012}^{(10)}-m_{100}^{(21)}m_{110}^{(21)}m_{111}^{(20)}+m_{100}^{(21)}m_{110}^{(21)}m_{102}^{(10)}+2m_{100}^{(21)}m_{110}^{(22)}m_{120}^{(20)}\\
&-m_{100}^{(21)}m_{110}^{(22)}m_{111}^{(10)}-m_{100}^{(21)}m_{110}^{(22)}m_{021}^{(00)}-2m_{100}^{(21)}m_{101}^{(10)}m_{102}^{(11)}+m_{100}^{(21)}m_{101}^{(10)}m_{021}^{(20)}\\
&+m_{100}^{(21)}m_{101}^{(10)}m_{012}^{(10)}-m_{100}^{(21)}m_{101}^{(11)}m_{111}^{(20)}+2m_{100}^{(21)}m_{101}^{(11)}m_{102}^{(10)}-m_{100}^{(21)}m_{101}^{(11)}m_{012}^{(00)}\\
&+2m_{100}^{(21)}m_{101}^{(20)}m_{111}^{(11)}-m_{100}^{(21)}m_{101}^{(20)}m_{030}^{(20)}-m_{100}^{(21)}m_{101}^{(20)}m_{021}^{(10)}+m_{100}^{(21)}m_{101}^{(21)}m_{120}^{(20)}\\
&-m_{100}^{(21)}m_{101}^{(21)}m_{111}^{(10)}-m_{100}^{(21)}m_{101}^{(22)}m_{120}^{(10)}+m_{100}^{(21)}m_{101}^{(22)}m_{030}^{(00)}-m_{100}^{(21)}m_{020}^{(10)}m_{201}^{(22)}\\
&+m_{100}^{(21)}m_{020}^{(10)}m_{102}^{(20)}+m_{100}^{(21)}m_{020}^{(20)}m_{210}^{(22)}-m_{100}^{(21)}m_{020}^{(20)}m_{111}^{(20)}+m_{100}^{(21)}m_{020}^{(21)}m_{201}^{(20)}\\
&-m_{100}^{(21)}m_{020}^{(21)}m_{102}^{(00)}-m_{100}^{(21)}m_{020}^{(22)}m_{210}^{(20)}+m_{100}^{(21)}m_{020}^{(22)}m_{111}^{(00)}-m_{100}^{(21)}m_{011}^{(10)}m_{111}^{(20)}\\
&+m_{100}^{(21)}m_{011}^{(10)}m_{102}^{(10)}+m_{100}^{(21)}m_{011}^{(11)}m_{201}^{(20)}-m_{100}^{(21)}m_{011}^{(11)}m_{102}^{(00)}+m_{100}^{(21)}m_{011}^{(20)}m_{120}^{(20)}\\
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&+m_{100}^{(21)}m_{011}^{(22)}m_{210}^{(10)}-m_{100}^{(21)}m_{011}^{(22)}m_{120}^{(00)}+m_{100}^{(21)}m_{002}^{(10)}m_{201}^{(11)}-m_{100}^{(21)}m_{002}^{(10)}m_{111}^{(10)}\\
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&+m_{100}^{(21)}m_{002}^{(21)}m_{210}^{(10)}-m_{100}^{(21)}m_{002}^{(21)}m_{120}^{(00)}+m_{100}^{(22)}m_{200}^{(10)}m_{021}^{(21)}-m_{100}^{(22)}m_{200}^{(10)}m_{012}^{(11)}\\
&-m_{100}^{(22)}m_{200}^{(11)}m_{021}^{(20)}+m_{100}^{(22)}m_{200}^{(11)}m_{012}^{(10)}-m_{100}^{(22)}m_{200}^{(20)}m_{030}^{(21)}+m_{100}^{(22)}m_{200}^{(20)}m_{021}^{(11)}\\
&+m_{100}^{(22)}m_{200}^{(21)}m_{030}^{(20)}-m_{100}^{(22)}m_{200}^{(21)}m_{021}^{(10)}-2m_{100}^{(22)}m_{110}^{(10)}m_{111}^{(21)}+m_{100}^{(22)}m_{110}^{(10)}m_{102}^{(11)}\\
&+m_{100}^{(22)}m_{110}^{(10)}m_{012}^{(10)}+2m_{100}^{(22)}m_{110}^{(11)}m_{111}^{(20)}-m_{100}^{(22)}m_{110}^{(11)}m_{102}^{(10)}-m_{100}^{(22)}m_{110}^{(11)}m_{012}^{(00)}\\
&+2m_{100}^{(22)}m_{110}^{(20)}m_{120}^{(21)}-m_{100}^{(22)}m_{110}^{(20)}m_{111}^{(11)}-m_{100}^{(22)}m_{110}^{(20)}m_{021}^{(10)}-2m_{100}^{(22)}m_{110}^{(21)}m_{120}^{(20)}\\
&+m_{100}^{(22)}m_{110}^{(21)}m_{111}^{(10)}+m_{100}^{(22)}m_{110}^{(21)}m_{021}^{(00)}+m_{100}^{(22)}m_{101}^{(10)}m_{111}^{(11)}-m_{100}^{(22)}m_{101}^{(10)}m_{021}^{(10)}\\
&-m_{100}^{(22)}m_{101}^{(11)}m_{111}^{(10)}+m_{100}^{(22)}m_{101}^{(11)}m_{021}^{(00)}-m_{100}^{(22)}m_{101}^{(20)}m_{120}^{(11)}+m_{100}^{(22)}m_{101}^{(20)}m_{030}^{(10)}\\
&+m_{100}^{(22)}m_{101}^{(21)}m_{120}^{(10)}-m_{100}^{(22)}m_{101}^{(21)}m_{030}^{(00)}+m_{100}^{(22)}m_{020}^{(10)}m_{201}^{(21)}-m_{100}^{(22)}m_{020}^{(10)}m_{102}^{(10)}\\
&-m_{100}^{(22)}m_{020}^{(11)}m_{201}^{(20)}+m_{100}^{(22)}m_{020}^{(11)}m_{102}^{(00)}-m_{100}^{(22)}m_{020}^{(20)}m_{210}^{(21)}+m_{100}^{(22)}m_{020}^{(20)}m_{111}^{(10)}\\
&+m_{100}^{(22)}m_{020}^{(21)}m_{210}^{(20)}-m_{100}^{(22)}m_{020}^{(21)}m_{111}^{(00)}-m_{100}^{(22)}m_{011}^{(10)}m_{201}^{(11)}+m_{100}^{(22)}m_{011}^{(10)}m_{111}^{(10)}
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&+m_{100}^{(22)}m_{011}^{(11)}m_{201}^{(10)} - m_{100}^{(22)}m_{011}^{(11)}m_{111}^{(00)} + m_{100}^{(22)}m_{011}^{(20)}m_{210}^{(11)} - m_{100}^{(22)}m_{011}^{(20)}m_{120}^{(10)}\\
&-m_{100}^{(22)}m_{011}^{(21)}m_{210}^{(10)} + m_{100}^{(22)}m_{011}^{(21)}m_{120}^{(00)} - m_{010}^{(00)}m_{110}^{(10)}m_{012}^{(22)} + m_{010}^{(00)}m_{110}^{(10)}m_{003}^{(21)}\\
&+m_{010}^{(00)}m_{110}^{(20)}m_{012}^{(21)} - m_{010}^{(00)}m_{110}^{(20)}m_{003}^{(11)} + m_{010}^{(00)}m_{110}^{(21)}m_{111}^{(22)} - m_{010}^{(00)}m_{110}^{(21)}m_{102}^{(21)}\\
&-m_{010}^{(00)}m_{110}^{(22)}m_{111}^{(21)} + m_{010}^{(00)}m_{110}^{(22)}m_{102}^{(11)} + m_{010}^{(00)}m_{101}^{(10)}m_{021}^{(22)} - m_{010}^{(00)}m_{101}^{(10)}m_{012}^{(21)}\\
&-m_{010}^{(00)}m_{101}^{(20)}m_{021}^{(21)} + m_{010}^{(00)}m_{101}^{(20)}m_{012}^{(11)} - m_{010}^{(00)}m_{101}^{(21)}m_{012}^{(22)} + m_{010}^{(00)}m_{101}^{(21)}m_{111}^{(21)}\\
&+m_{010}^{(00)}m_{101}^{(22)}m_{120}^{(21)} - m_{010}^{(00)}m_{101}^{(22)}m_{111}^{(11)} + m_{010}^{(00)}m_{020}^{(10)}m_{102}^{(22)} - m_{010}^{(00)}m_{020}^{(10)}m_{003}^{(20)}\\
&-m_{010}^{(00)}m_{020}^{(20)}m_{102}^{(21)} + m_{010}^{(00)}m_{020}^{(20)}m_{003}^{(10)} - m_{010}^{(00)}m_{020}^{(21)}m_{201}^{(22)} + m_{010}^{(00)}m_{020}^{(21)}m_{102}^{(20)}\\
&+m_{010}^{(00)}m_{020}^{(22)}m_{201}^{(21)} - m_{010}^{(00)}m_{020}^{(22)}m_{102}^{(10)} - m_{010}^{(00)}m_{011}^{(10)}m_{111}^{(22)} - m_{010}^{(00)}m_{011}^{(10)}m_{102}^{(21)}\\
&+2m_{010}^{(00)}m_{011}^{(10)}m_{012}^{(20)} + m_{010}^{(00)}m_{011}^{(20)}m_{111}^{(21)} + m_{010}^{(00)}m_{011}^{(20)}m_{102}^{(11)} - 2m_{010}^{(00)}m_{011}^{(20)}m_{012}^{(10)}\\
&+m_{010}^{(00)}m_{011}^{(21)}m_{210}^{(22)} + m_{010}^{(00)}m_{011}^{(21)}m_{201}^{(21)} - 2m_{010}^{(00)}m_{011}^{(21)}m_{111}^{(20)} - m_{010}^{(00)}m_{011}^{(22)}m_{210}^{(21)}\\
&-m_{010}^{(00)}m_{011}^{(22)}m_{201}^{(11)} + 2m_{010}^{(00)}m_{011}^{(22)}m_{111}^{(10)} + m_{010}^{(00)}m_{002}^{(10)}m_{111}^{(21)} - m_{010}^{(00)}m_{002}^{(10)}m_{021}^{(20)}\\
&-m_{010}^{(00)}m_{002}^{(20)}m_{111}^{(11)} + m_{010}^{(00)}m_{002}^{(20)}m_{021}^{(10)} - m_{010}^{(00)}m_{002}^{(21)}m_{210}^{(21)} + m_{010}^{(00)}m_{002}^{(21)}m_{120}^{(20)}\\
&+m_{010}^{(00)}m_{002}^{(22)}m_{210}^{(11)} - m_{010}^{(00)}m_{002}^{(22)}m_{120}^{(10)} + m_{010}^{(10)}m_{200}^{(10)}m_{012}^{(22)} - m_{010}^{(10)}m_{200}^{(10)}m_{003}^{(21)}\\
&-m_{010}^{(10)}m_{200}^{(20)}m_{012}^{(21)} + m_{010}^{(10)}m_{200}^{(20)}m_{003}^{(11)} - m_{010}^{(10)}m_{200}^{(21)}m_{111}^{(22)} + m_{010}^{(10)}m_{200}^{(21)}m_{102}^{(21)}\\
&+m_{010}^{(10)}m_{200}^{(22)}m_{111}^{(21)} - m_{010}^{(10)}m_{200}^{(22)}m_{102}^{(11)} + m_{010}^{(10)}m_{110}^{(00)}m_{012}^{(22)} - m_{010}^{(10)}m_{110}^{(00)}m_{003}^{(21)}\\
&-m_{010}^{(10)}m_{110}^{(10)}m_{102}^{(22)} + m_{010}^{(10)}m_{110}^{(10)}m_{003}^{(20)} - m_{010}^{(10)}m_{110}^{(20)}m_{111}^{(22)} + 2m_{010}^{(10)}m_{110}^{(20)}m_{102}^{(21)}\\
&-m_{010}^{(10)}m_{110}^{(20)}m_{012}^{(20)} + m_{010}^{(10)}m_{110}^{(21)}m_{201}^{(22)} - m_{010}^{(10)}m_{110}^{(21)}m_{102}^{(20)} - m_{010}^{(10)}m_{110}^{(22)}m_{201}^{(21)}\\
&+m_{010}^{(10)}m_{110}^{(22)}m_{111}^{(20)} - m_{010}^{(10)}m_{101}^{(00)}m_{021}^{(22)} + m_{010}^{(10)}m_{101}^{(00)}m_{012}^{(21)} - m_{010}^{(10)}m_{101}^{(10)}m_{111}^{(22)}\\
&+2m_{010}^{(10)}m_{101}^{(10)}m_{102}^{(21)} - m_{010}^{(10)}m_{101}^{(10)}m_{012}^{(20)} + m_{010}^{(10)}m_{101}^{(20)}m_{120}^{(22)} - 2m_{010}^{(10)}m_{101}^{(20)}m_{102}^{(11)}\\
&+m_{010}^{(10)}m_{101}^{(20)}m_{021}^{(20)} + m_{010}^{(10)}m_{101}^{(21)}m_{210}^{(22)} - 2m_{010}^{(10)}m_{101}^{(21)}m_{201}^{(21)} + m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(20)}\\
&-m_{010}^{(10)}m_{101}^{(22)}m_{210}^{(21)} + 2m_{010}^{(10)}m_{101}^{(22)}m_{201}^{(11)} - m_{010}^{(10)}m_{101}^{(22)}m_{120}^{(20)} - m_{010}^{(10)}m_{020}^{(00)}m_{102}^{(22)}\\
&+m_{010}^{(10)}m_{020}^{(00)}m_{003}^{(20)} + m_{010}^{(10)}m_{020}^{(20)}m_{201}^{(22)} - m_{010}^{(10)}m_{020}^{(20)}m_{003}^{(00)} - m_{010}^{(10)}m_{020}^{(22)}m_{201}^{(20)}\\
&+m_{010}^{(10)}m_{020}^{(22)}m_{102}^{(00)} + m_{010}^{(10)}m_{011}^{(00)}m_{111}^{(22)} + m_{010}^{(10)}m_{011}^{(00)}m_{102}^{(21)} - 2m_{010}^{(10)}m_{011}^{(00)}m_{012}^{(20)}\\
&+m_{010}^{(10)}m_{011}^{(10)}m_{201}^{(22)} - m_{010}^{(10)}m_{011}^{(10)}m_{102}^{(20)} - m_{010}^{(10)}m_{011}^{(20)}m_{210}^{(22)} - 2m_{010}^{(10)}m_{011}^{(20)}m_{201}^{(21)}\\
&+m_{010}^{(10)}m_{011}^{(20)}m_{111}^{(20)} + 2m_{010}^{(10)}m_{011}^{(20)}m_{012}^{(00)} - m_{010}^{(10)}m_{011}^{(21)}m_{300}^{(22)} + m_{010}^{(10)}m_{011}^{(21)}m_{201}^{(20)}\\
&+m_{010}^{(10)}m_{011}^{(22)}m_{300}^{(21)} + m_{010}^{(10)}m_{011}^{(22)}m_{210}^{(20)} - 2m_{010}^{(10)}m_{011}^{(22)}m_{111}^{(00)} - m_{010}^{(10)}m_{002}^{(00)}m_{111}^{(21)}\\
&+m_{010}^{(10)}m_{002}^{(00)}m_{021}^{(20)} - m_{010}^{(10)}m_{002}^{(10)}m_{201}^{(21)} + m_{010}^{(10)}m_{002}^{(10)}m_{111}^{(20)} + m_{010}^{(10)}m_{002}^{(20)}m_{210}^{(21)}\\
&+m_{010}^{(10)}m_{002}^{(20)}m_{201}^{(11)} - m_{010}^{(10)}m_{002}^{(20)}m_{120}^{(20)} - m_{010}^{(10)}m_{002}^{(20)}m_{021}^{(00)} + m_{010}^{(10)}m_{002}^{(21)}m_{300}^{(21)}\\
&-m_{010}^{(10)}m_{002}^{(21)}m_{210}^{(20)} - m_{010}^{(10)}m_{002}^{(22)}m_{300}^{(11)} + m_{010}^{(10)}m_{002}^{(22)}m_{120}^{(00)} - m_{010}^{(11)}m_{200}^{(00)}m_{012}^{(22)}\\
&+m_{010}^{(11)}m_{200}^{(00)}m_{003}^{(21)} + m_{010}^{(11)}m_{200}^{(20)}m_{111}^{(22)} - m_{010}^{(11)}m_{200}^{(20)}m_{102}^{(21)} + m_{010}^{(11)}m_{200}^{(20)}m_{012}^{(20)}\\
&-m_{010}^{(11)}m_{200}^{(20)}m_{003}^{(10)} - m_{010}^{(11)}m_{200}^{(22)}m_{111}^{(20)} + m_{010}^{(11)}m_{200}^{(22)}m_{102}^{(10)} + m_{010}^{(11)}m_{110}^{(00)}m_{102}^{(22)}\\
&-m_{010}^{(11)}m_{110}^{(00)}m_{003}^{(20)} - m_{010}^{(11)}m_{110}^{(20)}m_{201}^{(22)} + m_{010}^{(11)}m_{110}^{(20)}m_{003}^{(00)} + m_{010}^{(11)}m_{110}^{(22)}m_{201}^{(20)}\\
&-m_{010}^{(11)}m_{110}^{(22)}m_{102}^{(00)} + m_{010}^{(11)}m_{101}^{(00)}m_{111}^{(22)} - 2m_{010}^{(11)}m_{101}^{(00)}m_{102}^{(21)} + m_{010}^{(11)}m_{101}^{(00)}m_{012}^{(20)}\\
&-m_{010}^{(11)}m_{101}^{(20)}m_{210}^{(22)} + 2m_{010}^{(11)}m_{101}^{(20)}m_{201}^{(21)} - 2m_{010}^{(11)}m_{101}^{(20)}m_{111}^{(20)} + 2m_{010}^{(11)}m_{101}^{(20)}m_{102}^{(10)}\\
&-m_{010}^{(11)}m_{101}^{(20)}m_{012}^{(00)} + m_{010}^{(11)}m_{101}^{(22)}m_{210}^{(20)} - 2m_{010}^{(11)}m_{101}^{(22)}m_{201}^{(10)} + m_{010}^{(11)}m_{101}^{(22)}m_{111}^{(00)}\\
&-m_{010}^{(11)}m_{011}^{(00)}m_{201}^{(22)} + m_{010}^{(11)}m_{011}^{(00)}m_{102}^{(20)} + m_{010}^{(11)}m_{011}^{(20)}m_{300}^{(22)} - m_{010}^{(11)}m_{011}^{(20)}m_{102}^{(00)}\\
&-m_{010}^{(11)}m_{011}^{(22)}m_{300}^{(20)} + m_{010}^{(11)}m_{011}^{(22)}m_{201}^{(00)} + m_{010}^{(11)}m_{002}^{(00)}m_{201}^{(21)} - m_{010}^{(11)}m_{002}^{(00)}m_{111}^{(20)}\\
&-m_{010}^{(11)}m_{002}^{(20)}m_{300}^{(21)} + m_{010}^{(11)}m_{002}^{(20)}m_{210}^{(20)} - m_{010}^{(11)}m_{002}^{(20)}m_{201}^{(10)} + m_{010}^{(11)}m_{002}^{(20)}m_{111}^{(00)}
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&+m_{010}^{(11)}m_{002}^{(22)}m_{300}^{(10)} - m_{010}^{(11)}m_{002}^{(22)}m_{210}^{(00)} - m_{010}^{(20)}m_{200}^{(10)}m_{021}^{(22)} + m_{010}^{(20)}m_{200}^{(10)}m_{012}^{(21)}\\
&+m_{010}^{(20)}m_{200}^{(20)}m_{021}^{(21)} - m_{010}^{(20)}m_{200}^{(20)}m_{012}^{(11)} + m_{010}^{(20)}m_{200}^{(21)}m_{120}^{(22)} - m_{010}^{(20)}m_{200}^{(21)}m_{111}^{(21)}\\
&-m_{010}^{(20)}m_{200}^{(22)}m_{120}^{(21)} + m_{010}^{(20)}m_{200}^{(22)}m_{111}^{(11)} - m_{010}^{(20)}m_{110}^{(00)}m_{012}^{(21)} + m_{010}^{(20)}m_{110}^{(00)}m_{003}^{(11)}\\
&+2m_{010}^{(20)}m_{110}^{(10)}m_{111}^{(22)} - m_{010}^{(20)}m_{110}^{(10)}m_{102}^{(21)} - m_{010}^{(20)}m_{110}^{(10)}m_{003}^{(10)} - m_{010}^{(20)}m_{110}^{(20)}m_{111}^{(21)}\\
&+m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(10)} - 2m_{010}^{(20)}m_{110}^{(21)}m_{210}^{(22)} + m_{010}^{(20)}m_{110}^{(21)}m_{201}^{(21)} + m_{010}^{(20)}m_{110}^{(21)}m_{102}^{(10)}\\
&+2m_{010}^{(20)}m_{110}^{(22)}m_{210}^{(21)} - m_{010}^{(20)}m_{110}^{(22)}m_{201}^{(11)} - m_{010}^{(20)}m_{110}^{(22)}m_{111}^{(10)} + m_{010}^{(20)}m_{101}^{(00)}m_{021}^{(21)}\\
&-m_{010}^{(20)}m_{101}^{(00)}m_{012}^{(11)} - m_{010}^{(20)}m_{101}^{(10)}m_{111}^{(21)} + m_{010}^{(20)}m_{101}^{(10)}m_{012}^{(10)} - m_{010}^{(20)}m_{101}^{(20)}m_{120}^{(21)}\\
&+2m_{010}^{(20)}m_{101}^{(20)}m_{111}^{(11)} - m_{010}^{(20)}m_{101}^{(20)}m_{021}^{(10)} + m_{010}^{(20)}m_{101}^{(21)}m_{210}^{(21)} - m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(10)}\\
&-m_{010}^{(20)}m_{101}^{(22)}m_{210}^{(11)} + m_{010}^{(20)}m_{101}^{(22)}m_{120}^{(10)} + m_{010}^{(20)}m_{020}^{(00)}m_{102}^{(21)} - m_{010}^{(20)}m_{020}^{(00)}m_{003}^{(10)}\\
&-m_{010}^{(20)}m_{020}^{(10)}m_{201}^{(22)} + m_{010}^{(20)}m_{020}^{(10)}m_{003}^{(00)} + m_{010}^{(20)}m_{020}^{(21)}m_{300}^{(22)} - m_{010}^{(20)}m_{020}^{(21)}m_{102}^{(00)}\\
&-m_{010}^{(20)}m_{020}^{(22)}m_{300}^{(21)} + m_{010}^{(20)}m_{020}^{(22)}m_{201}^{(10)} - m_{010}^{(20)}m_{011}^{(00)}m_{111}^{(21)} - m_{010}^{(20)}m_{011}^{(00)}m_{102}^{(11)}\\
&+2m_{010}^{(20)}m_{011}^{(00)}m_{012}^{(10)} + m_{010}^{(20)}m_{011}^{(10)}m_{201}^{(21)} + m_{010}^{(20)}m_{011}^{(10)}m_{102}^{(10)} - 2m_{010}^{(20)}m_{011}^{(10)}m_{012}^{(00)}\\
&+m_{010}^{(20)}m_{011}^{(20)}m_{210}^{(21)} - m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(10)} - m_{010}^{(20)}m_{011}^{(21)}m_{300}^{(21)} - m_{010}^{(20)}m_{011}^{(21)}m_{201}^{(10)}\\
&+2m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(00)} + m_{010}^{(20)}m_{011}^{(22)}m_{300}^{(11)} - m_{010}^{(20)}m_{011}^{(22)}m_{210}^{(10)} + m_{010}^{(20)}m_{002}^{(00)}m_{111}^{(11)}\\
&-m_{010}^{(20)}m_{002}^{(00)}m_{021}^{(10)} - m_{010}^{(20)}m_{002}^{(10)}m_{111}^{(10)} + m_{010}^{(20)}m_{002}^{(10)}m_{021}^{(00)} - m_{010}^{(20)}m_{002}^{(20)}m_{210}^{(11)}\\
&+m_{010}^{(20)}m_{002}^{(20)}m_{120}^{(10)} + m_{010}^{(20)}m_{002}^{(21)}m_{210}^{(10)} - m_{010}^{(20)}m_{002}^{(21)}m_{120}^{(00)} + m_{010}^{(21)}m_{200}^{(00)}m_{021}^{(22)}\\
&-m_{010}^{(21)}m_{200}^{(00)}m_{003}^{(11)} - m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(20)} + m_{010}^{(21)}m_{200}^{(10)}m_{003}^{(10)} - m_{010}^{(21)}m_{200}^{(20)}m_{120}^{(22)}\\
&+m_{010}^{(21)}m_{200}^{(20)}m_{102}^{(11)} - m_{010}^{(21)}m_{200}^{(20)}m_{021}^{(20)} + m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(10)} + m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(20)}\\
&-m_{010}^{(21)}m_{200}^{(21)}m_{102}^{(10)} + m_{010}^{(21)}m_{200}^{(22)}m_{120}^{(20)} - m_{010}^{(21)}m_{200}^{(22)}m_{111}^{(10)} - 2m_{010}^{(21)}m_{110}^{(00)}m_{111}^{(22)}\\
&+m_{010}^{(21)}m_{110}^{(00)}m_{012}^{(20)} + m_{010}^{(21)}m_{110}^{(00)}m_{003}^{(10)} + m_{010}^{(21)}m_{110}^{(10)}m_{102}^{(20)} - m_{010}^{(21)}m_{110}^{(10)}m_{003}^{(00)}\\
&+2m_{010}^{(21)}m_{110}^{(20)}m_{210}^{(22)} + m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(20)} - 2m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(10)} - m_{010}^{(21)}m_{110}^{(20)}m_{012}^{(00)}\\
&-m_{010}^{(21)}m_{110}^{(21)}m_{201}^{(20)} + m_{010}^{(21)}m_{110}^{(21)}m_{102}^{(00)} - 2m_{010}^{(21)}m_{110}^{(22)}m_{210}^{(20)} + m_{010}^{(21)}m_{110}^{(22)}m_{201}^{(10)}\\
&+m_{010}^{(21)}m_{110}^{(22)}m_{111}^{(00)} + 2m_{010}^{(21)}m_{101}^{(00)}m_{102}^{(11)} - m_{010}^{(21)}m_{101}^{(00)}m_{021}^{(20)} - m_{010}^{(21)}m_{101}^{(00)}m_{012}^{(10)}\\
&+m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(20)} - 2m_{010}^{(21)}m_{101}^{(10)}m_{102}^{(10)} + m_{010}^{(21)}m_{101}^{(10)}m_{012}^{(00)} - 2m_{010}^{(21)}m_{101}^{(20)}m_{201}^{(11)}\\
&+m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(20)} + m_{010}^{(21)}m_{101}^{(20)}m_{021}^{(00)} - m_{010}^{(21)}m_{101}^{(21)}m_{210}^{(20)} + 2m_{010}^{(21)}m_{101}^{(21)}m_{201}^{(10)}\\
&-m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(00)} + m_{010}^{(21)}m_{101}^{(22)}m_{210}^{(10)} - m_{010}^{(21)}m_{101}^{(22)}m_{120}^{(00)} + m_{010}^{(21)}m_{020}^{(00)}m_{201}^{(22)}\\
&-m_{010}^{(21)}m_{020}^{(00)}m_{102}^{(20)} - m_{010}^{(21)}m_{020}^{(20)}m_{300}^{(22)} + m_{010}^{(21)}m_{020}^{(20)}m_{102}^{(00)} + m_{010}^{(21)}m_{020}^{(22)}m_{300}^{(20)}\\
&-m_{010}^{(21)}m_{020}^{(22)}m_{201}^{(00)} + m_{010}^{(21)}m_{011}^{(00)}m_{111}^{(20)} - m_{010}^{(21)}m_{011}^{(00)}m_{102}^{(10)} - m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(20)}\\
&+m_{010}^{(21)}m_{011}^{(10)}m_{102}^{(00)} - m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(20)} + 2m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(10)} - m_{010}^{(21)}m_{011}^{(20)}m_{111}^{(00)}\\
&+m_{010}^{(21)}m_{011}^{(21)}m_{300}^{(20)} - m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(00)} - m_{010}^{(21)}m_{011}^{(22)}m_{300}^{(10)} + m_{010}^{(21)}m_{011}^{(22)}m_{210}^{(00)}\\
&-m_{010}^{(21)}m_{002}^{(00)}m_{201}^{(11)} + m_{010}^{(21)}m_{002}^{(00)}m_{111}^{(10)} + m_{010}^{(21)}m_{002}^{(10)}m_{201}^{(10)} - m_{010}^{(21)}m_{002}^{(10)}m_{111}^{(00)}\\
&+m_{010}^{(21)}m_{002}^{(20)}m_{300}^{(11)} - m_{010}^{(21)}m_{002}^{(20)}m_{210}^{(10)} - m_{010}^{(21)}m_{002}^{(21)}m_{300}^{(10)} + m_{010}^{(21)}m_{002}^{(21)}m_{210}^{(00)}\\
&-m_{010}^{(22)}m_{200}^{(00)}m_{021}^{(21)} + m_{010}^{(22)}m_{200}^{(00)}m_{012}^{(11)} + m_{010}^{(22)}m_{200}^{(10)}m_{021}^{(20)} - m_{010}^{(22)}m_{200}^{(10)}m_{012}^{(10)}\\
&+m_{010}^{(22)}m_{200}^{(20)}m_{120}^{(21)} - m_{010}^{(22)}m_{200}^{(20)}m_{111}^{(11)} - m_{010}^{(22)}m_{200}^{(21)}m_{120}^{(20)} + m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(10)}\\
&+2m_{010}^{(22)}m_{110}^{(00)}m_{111}^{(21)} - m_{010}^{(22)}m_{110}^{(00)}m_{102}^{(11)} - m_{010}^{(22)}m_{110}^{(00)}m_{012}^{(10)} - 2m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(20)}\\
&+m_{010}^{(22)}m_{110}^{(10)}m_{102}^{(10)} + m_{010}^{(22)}m_{110}^{(10)}m_{012}^{(00)} - 2m_{010}^{(22)}m_{110}^{(20)}m_{210}^{(21)} + m_{010}^{(22)}m_{110}^{(20)}m_{201}^{(11)}\\
&+m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(10)} + 2m_{010}^{(22)}m_{110}^{(21)}m_{210}^{(20)} - m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(10)} - m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(00)}\\
&-m_{010}^{(22)}m_{101}^{(00)}m_{111}^{(11)} + m_{010}^{(22)}m_{101}^{(00)}m_{021}^{(10)} + m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(10)} - m_{010}^{(22)}m_{101}^{(10)}m_{021}^{(00)}
\end{aligned}
$$

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\begin{aligned}
&+m_{010}^{(22)}m_{101}^{(20)}m_{210}^{(11)} - m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(10)} - m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(10)} + m_{010}^{(22)}m_{101}^{(21)}m_{120}^{(00)}\\
&-m_{010}^{(22)}m_{020}^{(00)}m_{201}^{(21)} + m_{010}^{(22)}m_{020}^{(00)}m_{102}^{(10)} + m_{010}^{(22)}m_{020}^{(10)}m_{201}^{(20)} - m_{010}^{(22)}m_{020}^{(10)}m_{102}^{(00)}\\
&+m_{010}^{(22)}m_{020}^{(20)}m_{300}^{(21)} - m_{010}^{(22)}m_{020}^{(20)}m_{201}^{(10)} - m_{010}^{(22)}m_{020}^{(21)}m_{300}^{(20)} + m_{010}^{(22)}m_{020}^{(21)}m_{201}^{(00)}\\
&+m_{010}^{(22)}m_{011}^{(00)}m_{201}^{(11)} - m_{010}^{(22)}m_{011}^{(00)}m_{111}^{(10)} - m_{010}^{(22)}m_{011}^{(10)}m_{201}^{(10)} + m_{010}^{(22)}m_{011}^{(10)}m_{111}^{(00)}\\
&-m_{010}^{(22)}m_{011}^{(20)}m_{300}^{(11)} + m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(10)} + m_{010}^{(22)}m_{011}^{(21)}m_{300}^{(10)} - m_{010}^{(22)}m_{011}^{(21)}m_{210}^{(00)}\\
&+m_{001}^{(00)}m_{110}^{(10)}m_{021}^{(22)} - m_{001}^{(00)}m_{110}^{(10)}m_{012}^{(21)} - m_{001}^{(00)}m_{110}^{(11)}m_{111}^{(22)} + m_{001}^{(00)}m_{110}^{(11)}m_{102}^{(21)}\\
&-m_{001}^{(00)}m_{110}^{(20)}m_{021}^{(21)} + m_{001}^{(00)}m_{110}^{(20)}m_{012}^{(11)} + m_{001}^{(00)}m_{110}^{(21)}m_{111}^{(21)} - m_{001}^{(00)}m_{110}^{(21)}m_{102}^{(11)}\\
&-m_{001}^{(00)}m_{101}^{(10)}m_{030}^{(22)} + m_{001}^{(00)}m_{101}^{(10)}m_{021}^{(21)} + m_{001}^{(00)}m_{101}^{(11)}m_{120}^{(22)} - m_{001}^{(00)}m_{101}^{(11)}m_{111}^{(21)}\\
&+m_{001}^{(00)}m_{101}^{(20)}m_{030}^{(21)} - m_{001}^{(00)}m_{101}^{(20)}m_{021}^{(11)} - m_{001}^{(00)}m_{101}^{(21)}m_{120}^{(21)} + m_{001}^{(00)}m_{101}^{(21)}m_{111}^{(11)}\\
&-m_{001}^{(00)}m_{020}^{(10)}m_{111}^{(22)} + m_{001}^{(00)}m_{020}^{(10)}m_{012}^{(20)} + m_{001}^{(00)}m_{020}^{(11)}m_{201}^{(22)} - m_{001}^{(00)}m_{020}^{(11)}m_{102}^{(20)}\\
&+m_{001}^{(00)}m_{020}^{(20)}m_{111}^{(21)} - m_{001}^{(00)}m_{020}^{(20)}m_{012}^{(10)} - m_{001}^{(00)}m_{020}^{(21)}m_{201}^{(21)} + m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(10)}\\
&+m_{001}^{(00)}m_{011}^{(10)}m_{120}^{(22)} + m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(21)} - 2m_{001}^{(00)}m_{011}^{(10)}m_{021}^{(20)} - m_{001}^{(00)}m_{011}^{(11)}m_{210}^{(22)}\\
&-m_{001}^{(00)}m_{011}^{(11)}m_{201}^{(21)} + 2m_{001}^{(00)}m_{011}^{(11)}m_{111}^{(20)} - m_{001}^{(00)}m_{011}^{(20)}m_{120}^{(21)} - m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(11)}\\
&+2m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(10)} + m_{001}^{(00)}m_{011}^{(21)}m_{210}^{(21)} + m_{001}^{(00)}m_{011}^{(21)}m_{201}^{(11)} - 2m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(10)}\\
&-m_{001}^{(00)}m_{002}^{(10)}m_{120}^{(21)} + m_{001}^{(00)}m_{002}^{(10)}m_{030}^{(20)} + m_{001}^{(00)}m_{002}^{(11)}m_{210}^{(21)} - m_{001}^{(00)}m_{002}^{(11)}m_{120}^{(20)}\\
&+m_{001}^{(00)}m_{002}^{(20)}m_{120}^{(11)} - m_{001}^{(00)}m_{002}^{(20)}m_{030}^{(10)} - m_{001}^{(00)}m_{002}^{(21)}m_{210}^{(11)} + m_{001}^{(00)}m_{002}^{(21)}m_{120}^{(10)}\\
&-m_{001}^{(10)}m_{200}^{(10)}m_{021}^{(22)} + m_{001}^{(10)}m_{200}^{(10)}m_{012}^{(21)} + m_{001}^{(10)}m_{200}^{(11)}m_{111}^{(22)} - m_{001}^{(10)}m_{200}^{(11)}m_{102}^{(21)}\\
&+m_{001}^{(10)}m_{200}^{(20)}m_{021}^{(21)} - m_{001}^{(10)}m_{200}^{(20)}m_{012}^{(11)} - m_{001}^{(10)}m_{200}^{(21)}m_{111}^{(21)} + m_{001}^{(10)}m_{200}^{(21)}m_{102}^{(11)}\\
&-m_{001}^{(10)}m_{110}^{(00)}m_{021}^{(22)} + m_{001}^{(10)}m_{110}^{(00)}m_{012}^{(21)} + 2m_{001}^{(10)}m_{110}^{(10)}m_{111}^{(22)} - m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(21)}\\
&-m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(20)} - m_{001}^{(10)}m_{110}^{(11)}m_{201}^{(22)} + m_{001}^{(10)}m_{110}^{(11)}m_{102}^{(20)} - m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(21)}\\
&+m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(20)} + m_{001}^{(10)}m_{110}^{(21)}m_{201}^{(21)} - m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(20)} + m_{001}^{(10)}m_{101}^{(00)}m_{030}^{(22)}\\
&-m_{001}^{(10)}m_{101}^{(00)}m_{021}^{(21)} - m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(21)} + m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(20)} - m_{001}^{(10)}m_{101}^{(11)}m_{210}^{(22)}\\
&+2m_{001}^{(10)}m_{101}^{(11)}m_{201}^{(21)} - m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(20)} - m_{001}^{(10)}m_{101}^{(20)}m_{120}^{(21)} + 2m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(11)}\\
&-m_{001}^{(10)}m_{101}^{(20)}m_{030}^{(20)} + m_{001}^{(10)}m_{101}^{(21)}m_{210}^{(21)} - 2m_{001}^{(10)}m_{101}^{(21)}m_{201}^{(11)} + m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(20)}\\
&+m_{001}^{(10)}m_{020}^{(00)}m_{111}^{(22)} - m_{001}^{(10)}m_{020}^{(00)}m_{012}^{(20)} - m_{001}^{(10)}m_{020}^{(10)}m_{201}^{(22)} + m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(20)}\\
&-m_{001}^{(10)}m_{020}^{(20)}m_{111}^{(20)} + m_{001}^{(10)}m_{020}^{(20)}m_{012}^{(00)} + m_{001}^{(10)}m_{020}^{(21)}m_{201}^{(20)} - m_{001}^{(10)}m_{020}^{(21)}m_{102}^{(00)}\\
&-m_{001}^{(10)}m_{011}^{(00)}m_{120}^{(22)} - m_{001}^{(10)}m_{011}^{(00)}m_{111}^{(21)} + 2m_{001}^{(10)}m_{011}^{(00)}m_{021}^{(20)} + m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(21)}\\
&-m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(20)} + m_{001}^{(10)}m_{011}^{(11)}m_{300}^{(22)} - m_{001}^{(10)}m_{011}^{(11)}m_{201}^{(20)} + m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(21)}\\
&+m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(20)} - 2m_{001}^{(10)}m_{011}^{(20)}m_{021}^{(00)} - m_{001}^{(10)}m_{011}^{(21)}m_{300}^{(21)} - m_{001}^{(10)}m_{011}^{(21)}m_{210}^{(20)}\\
&+2m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(00)} + m_{001}^{(10)}m_{002}^{(00)}m_{120}^{(21)} - m_{001}^{(10)}m_{002}^{(00)}m_{030}^{(20)} - m_{001}^{(10)}m_{002}^{(11)}m_{300}^{(21)}\\
&+m_{001}^{(10)}m_{002}^{(11)}m_{210}^{(20)} - m_{001}^{(10)}m_{002}^{(20)}m_{210}^{(11)} + m_{001}^{(10)}m_{002}^{(20)}m_{030}^{(00)} + m_{001}^{(10)}m_{002}^{(21)}m_{300}^{(11)}\\
&-m_{001}^{(10)}m_{002}^{(21)}m_{120}^{(00)} + m_{001}^{(11)}m_{200}^{(00)}m_{021}^{(22)} - m_{001}^{(11)}m_{200}^{(00)}m_{012}^{(21)} - m_{001}^{(11)}m_{200}^{(10)}m_{111}^{(22)}\\
&+m_{001}^{(11)}m_{200}^{(10)}m_{102}^{(21)} - m_{001}^{(11)}m_{200}^{(20)}m_{021}^{(20)} + m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(10)} + m_{001}^{(11)}m_{200}^{(21)}m_{111}^{(20)}\\
&-m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(10)} - m_{001}^{(11)}m_{110}^{(00)}m_{111}^{(22)} + m_{001}^{(11)}m_{110}^{(00)}m_{012}^{(20)} + m_{001}^{(11)}m_{110}^{(10)}m_{201}^{(22)}\\
&-m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(20)} + m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(20)} - m_{001}^{(11)}m_{110}^{(20)}m_{012}^{(00)} - m_{001}^{(11)}m_{110}^{(21)}m_{201}^{(20)}\\
&+m_{001}^{(11)}m_{110}^{(21)}m_{102}^{(00)} - m_{001}^{(11)}m_{101}^{(00)}m_{120}^{(22)} + 2m_{001}^{(11)}m_{101}^{(00)}m_{111}^{(21)} - m_{001}^{(11)}m_{101}^{(00)}m_{021}^{(20)}\\
&+m_{001}^{(11)}m_{101}^{(10)}m_{210}^{(22)} - 2m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(21)} + m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(20)} + m_{001}^{(11)}m_{101}^{(20)}m_{120}^{(20)}\\
&-2m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(10)} + m_{001}^{(11)}m_{101}^{(20)}m_{021}^{(00)} - m_{001}^{(11)}m_{101}^{(21)}m_{210}^{(20)} + 2m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(10)}
\end{aligned}
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\begin{aligned}
&-m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(00)} + m_{001}^{(11)}m_{011}^{(00)}m_{210}^{(22)} - m_{001}^{(11)}m_{011}^{(00)}m_{111}^{(20)} - m_{001}^{(11)}m_{011}^{(10)}m_{300}^{(22)}\\
&+m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(20)} - m_{001}^{(11)}m_{011}^{(20)}m_{210}^{(20)} + m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(00)} + m_{001}^{(11)}m_{011}^{(21)}m_{300}^{(20)}\\
&-m_{001}^{(11)}m_{011}^{(21)}m_{201}^{(00)} - m_{001}^{(11)}m_{002}^{(00)}m_{210}^{(21)} + m_{001}^{(11)}m_{002}^{(00)}m_{120}^{(20)} + m_{001}^{(11)}m_{002}^{(10)}m_{300}^{(21)}\\
&-m_{001}^{(11)}m_{002}^{(10)}m_{210}^{(20)} + m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(10)} - m_{001}^{(11)}m_{002}^{(20)}m_{120}^{(00)} - m_{001}^{(11)}m_{002}^{(21)}m_{300}^{(10)}\\
&+m_{001}^{(11)}m_{002}^{(21)}m_{210}^{(00)} + m_{001}^{(20)}m_{200}^{(10)}m_{030}^{(22)} - m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(21)} - m_{001}^{(20)}m_{200}^{(11)}m_{120}^{(22)}\\
&+m_{001}^{(20)}m_{200}^{(11)}m_{111}^{(21)} - m_{001}^{(20)}m_{200}^{(20)}m_{030}^{(21)} + m_{001}^{(20)}m_{200}^{(20)}m_{021}^{(11)} + m_{001}^{(20)}m_{200}^{(21)}m_{120}^{(21)}\\
&-m_{001}^{(20)}m_{200}^{(21)}m_{111}^{(11)} + m_{001}^{(20)}m_{110}^{(00)}m_{021}^{(21)} - m_{001}^{(20)}m_{110}^{(00)}m_{012}^{(11)} - 2m_{001}^{(20)}m_{110}^{(10)}m_{120}^{(22)}\\
&+m_{001}^{(20)}m_{110}^{(10)}m_{102}^{(11)} + m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(10)} + 2m_{001}^{(20)}m_{110}^{(11)}m_{210}^{(22)} - m_{001}^{(20)}m_{110}^{(11)}m_{201}^{(21)}\\
&-m_{001}^{(20)}m_{110}^{(11)}m_{102}^{(10)} + 2m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(21)} - m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(11)} - m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(10)}\\
&-2m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(21)} + m_{001}^{(20)}m_{110}^{(21)}m_{201}^{(11)} + m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(10)} - m_{001}^{(20)}m_{101}^{(00)}m_{030}^{(21)}\\
&+m_{001}^{(20)}m_{101}^{(00)}m_{021}^{(11)} + 2m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(21)} - m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(11)} - m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(10)}\\
&-m_{001}^{(20)}m_{101}^{(11)}m_{210}^{(21)} + m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(10)} - m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(11)} + m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(10)}\\
&+m_{001}^{(20)}m_{101}^{(21)}m_{210}^{(11)} - m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(10)} - m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(21)} + m_{001}^{(20)}m_{020}^{(00)}m_{012}^{(10)}\\
&+m_{001}^{(20)}m_{020}^{(10)}m_{210}^{(22)} + m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(21)} - m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(10)} - m_{001}^{(20)}m_{020}^{(10)}m_{012}^{(00)}\\
&-m_{001}^{(20)}m_{020}^{(11)}m_{300}^{(22)} + m_{001}^{(20)}m_{020}^{(11)}m_{102}^{(00)} - m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(21)} + m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(10)}\\
&+m_{001}^{(20)}m_{020}^{(21)}m_{300}^{(21)} - m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(10)} + m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(21)} + m_{001}^{(20)}m_{011}^{(00)}m_{111}^{(11)}\\
&-2m_{001}^{(20)}m_{011}^{(00)}m_{021}^{(10)} - 2m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(21)} - m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(11)} + m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(10)}\\
&+2m_{001}^{(20)}m_{011}^{(10)}m_{021}^{(00)} + m_{001}^{(20)}m_{011}^{(11)}m_{300}^{(21)} + m_{001}^{(20)}m_{011}^{(11)}m_{201}^{(10)} - 2m_{001}^{(20)}m_{011}^{(11)}m_{111}^{(00)}\\
&+m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(11)} - m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(10)} - m_{001}^{(20)}m_{011}^{(21)}m_{300}^{(11)} + m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(10)}\\
&-m_{001}^{(20)}m_{002}^{(00)}m_{120}^{(11)} + m_{001}^{(20)}m_{002}^{(00)}m_{030}^{(10)} + m_{001}^{(20)}m_{002}^{(10)}m_{210}^{(11)} - m_{001}^{(20)}m_{002}^{(10)}m_{030}^{(00)}\\
&-m_{001}^{(20)}m_{002}^{(11)}m_{210}^{(10)} + m_{001}^{(20)}m_{002}^{(11)}m_{120}^{(00)} - m_{001}^{(21)}m_{200}^{(00)}m_{030}^{(22)} + m_{001}^{(21)}m_{200}^{(00)}m_{012}^{(11)}\\
&+m_{001}^{(21)}m_{200}^{(10)}m_{120}^{(22)} - m_{001}^{(21)}m_{200}^{(10)}m_{102}^{(11)} + m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(20)} - m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(10)}\\
&-m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(20)} + m_{001}^{(21)}m_{200}^{(11)}m_{102}^{(10)} + m_{001}^{(21)}m_{200}^{(20)}m_{030}^{(20)} - m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(10)}\\
&-m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(20)} + m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(10)} + 2m_{001}^{(21)}m_{110}^{(00)}m_{120}^{(22)} - m_{001}^{(21)}m_{110}^{(00)}m_{021}^{(20)}\\
&-m_{001}^{(21)}m_{110}^{(00)}m_{012}^{(10)} - 2m_{001}^{(21)}m_{110}^{(10)}m_{210}^{(22)} + m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(10)} + m_{001}^{(21)}m_{110}^{(10)}m_{012}^{(00)}\\
&+m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(20)} - m_{001}^{(21)}m_{110}^{(11)}m_{102}^{(00)} - 2m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(20)} + m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(10)}\\
&+m_{001}^{(21)}m_{110}^{(20)}m_{021}^{(00)} + 2m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(20)} - m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(10)} - m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(00)}\\
&-2m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(11)} + m_{001}^{(21)}m_{101}^{(00)}m_{030}^{(20)} + m_{001}^{(21)}m_{101}^{(00)}m_{021}^{(10)} + 2m_{001}^{(21)}m_{101}^{(10)}m_{201}^{(11)}\\
&-2m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(20)} + m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(10)} - m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(00)} + m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(20)}\\
&-2m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(10)} + m_{001}^{(21)}m_{101}^{(11)}m_{111}^{(00)} + m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(10)} - m_{001}^{(21)}m_{101}^{(20)}m_{030}^{(00)}\\
&-m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(10)} + m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(00)} - m_{001}^{(21)}m_{020}^{(00)}m_{210}^{(22)} + m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(20)}\\
&+m_{001}^{(21)}m_{020}^{(10)}m_{300}^{(22)} - m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(20)} + m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(20)} - m_{001}^{(21)}m_{020}^{(20)}m_{111}^{(00)}\\
&-m_{001}^{(21)}m_{020}^{(21)}m_{300}^{(20)} + m_{001}^{(21)}m_{020}^{(21)}m_{201}^{(00)} - m_{001}^{(21)}m_{011}^{(00)}m_{120}^{(20)} + m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(10)}\\
&+2m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(20)} - m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(10)} - m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(00)} - m_{001}^{(21)}m_{011}^{(11)}m_{300}^{(20)}\\
&+m_{001}^{(21)}m_{011}^{(11)}m_{201}^{(00)} - m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(10)} + m_{001}^{(21)}m_{011}^{(20)}m_{120}^{(00)} + m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(10)}\\
&-m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(00)} + m_{001}^{(21)}m_{002}^{(00)}m_{210}^{(11)} - m_{001}^{(21)}m_{002}^{(00)}m_{120}^{(10)} - m_{001}^{(21)}m_{002}^{(10)}m_{300}^{(11)}\\
&+m_{001}^{(21)}m_{002}^{(10)}m_{210}^{(00)} + m_{001}^{(21)}m_{002}^{(11)}m_{300}^{(10)} - m_{001}^{(21)}m_{002}^{(11)}m_{210}^{(00)} + m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(21)}\\
&-m_{001}^{(22)}m_{200}^{(00)}m_{021}^{(11)} - m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(21)} + m_{001}^{(22)}m_{200}^{(10)}m_{111}^{(11)} - m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(20)}
\end{aligned}
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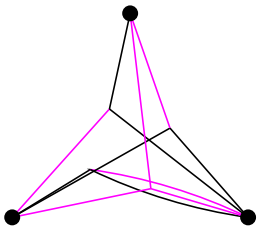
\begin{aligned}
&+m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(10)}+m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(20)}-m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(10)}-2m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(21)}\\
&+m_{001}^{(22)}m_{110}^{(00)}m_{111}^{(11)}+m_{001}^{(22)}m_{110}^{(00)}m_{021}^{(10)}+2m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(21)}-m_{001}^{(22)}m_{110}^{(10)}m_{201}^{(11)}\\
&+2m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(20)}-2m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(10)}-m_{001}^{(22)}m_{110}^{(10)}m_{021}^{(00)}-2m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(20)}\\
&+m_{001}^{(22)}m_{110}^{(11)}m_{201}^{(10)}+m_{001}^{(22)}m_{110}^{(11)}m_{111}^{(00)}+m_{001}^{(22)}m_{101}^{(00)}m_{120}^{(11)}-m_{001}^{(22)}m_{101}^{(00)}m_{030}^{(10)}\\
&-m_{001}^{(22)}m_{101}^{(10)}m_{210}^{(11)}+m_{001}^{(22)}m_{101}^{(10)}m_{030}^{(00)}+m_{001}^{(22)}m_{101}^{(11)}m_{210}^{(10)}-m_{001}^{(22)}m_{101}^{(11)}m_{120}^{(00)}\\
&+m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(21)}-m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(10)}-m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(21)}-m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(20)}\\
&+m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(10)}+m_{001}^{(22)}m_{020}^{(10)}m_{111}^{(00)}+m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(20)}-m_{001}^{(22)}m_{020}^{(11)}m_{201}^{(00)}\\
&-m_{001}^{(22)}m_{011}^{(00)}m_{210}^{(11)}+m_{001}^{(22)}m_{011}^{(00)}m_{120}^{(10)}+m_{001}^{(22)}m_{011}^{(10)}m_{300}^{(11)}-m_{001}^{(22)}m_{011}^{(10)}m_{120}^{(00)}\\
&-m_{001}^{(22)}m_{011}^{(11)}m_{300}^{(10)}+m_{001}^{(22)}m_{011}^{(11)}m_{210}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & 1 & V1 & 1\\
V2 & V2 & 2 & V3\\
V3 & 3 & 3 & 3
\end{array}
$$



$$
\begin{aligned}
T_{65} \;=\;& m_{100}^{(00)}m_{110}^{(11)}m_{012}^{(22)}-m_{100}^{(00)}m_{110}^{(11)}m_{003}^{(21)}-2m_{100}^{(00)}m_{110}^{(21)}m_{021}^{(22)}+2m_{100}^{(00)}m_{110}^{(21)}m_{012}^{(21)}\\
&+m_{100}^{(00)}m_{110}^{(22)}m_{030}^{(22)}-m_{100}^{(00)}m_{110}^{(22)}m_{021}^{(21)}-m_{100}^{(00)}m_{101}^{(11)}m_{012}^{(21)}+m_{100}^{(00)}m_{101}^{(11)}m_{003}^{(11)}\\
&+2m_{100}^{(00)}m_{101}^{(21)}m_{021}^{(21)}-2m_{100}^{(00)}m_{101}^{(21)}m_{012}^{(11)}-m_{100}^{(00)}m_{101}^{(22)}m_{030}^{(21)}+m_{100}^{(00)}m_{101}^{(22)}m_{021}^{(11)}\\
&-m_{100}^{(00)}m_{020}^{(10)}m_{012}^{(22)}+m_{100}^{(00)}m_{020}^{(10)}m_{003}^{(21)}+m_{100}^{(00)}m_{020}^{(20)}m_{021}^{(22)}-m_{100}^{(00)}m_{020}^{(20)}m_{012}^{(21)}\\
&+m_{100}^{(00)}m_{020}^{(21)}m_{111}^{(22)}-m_{100}^{(00)}m_{020}^{(21)}m_{102}^{(21)}-m_{100}^{(00)}m_{020}^{(22)}m_{120}^{(22)}+m_{100}^{(00)}m_{020}^{(22)}m_{111}^{(21)}\\
&+m_{100}^{(00)}m_{011}^{(10)}m_{021}^{(22)}-m_{100}^{(00)}m_{011}^{(10)}m_{003}^{(11)}-m_{100}^{(00)}m_{011}^{(11)}m_{111}^{(22)}+m_{100}^{(00)}m_{011}^{(11)}m_{102}^{(21)}\\
&-m_{100}^{(00)}m_{011}^{(20)}m_{030}^{(22)}+m_{100}^{(00)}m_{011}^{(20)}m_{012}^{(11)}+m_{100}^{(00)}m_{011}^{(21)}m_{120}^{(22)}-2m_{100}^{(00)}m_{011}^{(21)}m_{111}^{(21)}\\
&+m_{100}^{(00)}m_{011}^{(21)}m_{102}^{(11)}+m_{100}^{(00)}m_{011}^{(22)}m_{120}^{(21)}-m_{100}^{(00)}m_{011}^{(22)}m_{111}^{(11)}-m_{100}^{(00)}m_{002}^{(10)}m_{021}^{(21)}\\
&+m_{100}^{(00)}m_{002}^{(10)}m_{012}^{(11)}+m_{100}^{(00)}m_{002}^{(11)}m_{111}^{(21)}-m_{100}^{(00)}m_{002}^{(11)}m_{102}^{(11)}+m_{100}^{(00)}m_{002}^{(20)}m_{030}^{(21)}\\
&-m_{100}^{(00)}m_{002}^{(20)}m_{021}^{(11)}-m_{100}^{(00)}m_{002}^{(21)}m_{120}^{(21)}+m_{100}^{(00)}m_{002}^{(21)}m_{111}^{(11)}-m_{100}^{(10)}m_{200}^{(11)}m_{012}^{(22)}\\
&+m_{100}^{(10)}m_{200}^{(11)}m_{003}^{(21)}+2m_{100}^{(10)}m_{200}^{(21)}m_{021}^{(22)}-2m_{100}^{(10)}m_{200}^{(21)}m_{012}^{(21)}-m_{100}^{(10)}m_{200}^{(22)}m_{030}^{(22)}\\
&+m_{100}^{(10)}m_{200}^{(22)}m_{021}^{(21)}+m_{100}^{(10)}m_{110}^{(10)}m_{012}^{(22)}-m_{100}^{(10)}m_{110}^{(10)}m_{003}^{(21)}-m_{100}^{(10)}m_{110}^{(11)}m_{102}^{(22)}\\
&+m_{100}^{(10)}m_{110}^{(11)}m_{003}^{(20)}-m_{100}^{(10)}m_{110}^{(20)}m_{021}^{(22)}+m_{100}^{(10)}m_{110}^{(20)}m_{012}^{(21)}+m_{100}^{(10)}m_{110}^{(21)}m_{111}^{(22)}\\
&+m_{100}^{(10)}m_{110}^{(21)}m_{102}^{(21)}-2m_{100}^{(10)}m_{110}^{(21)}m_{012}^{(20)}-m_{100}^{(10)}m_{110}^{(22)}m_{111}^{(20)}+m_{100}^{(10)}m_{110}^{(22)}m_{021}^{(20)}
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\begin{aligned}
&-m_{100}^{(10)}m_{101}^{(10)}m_{021}^{(22)}+m_{100}^{(10)}m_{101}^{(10)}m_{012}^{(21)}+m_{100}^{(10)}m_{101}^{(11)}m_{111}^{(22)}+m_{100}^{(10)}m_{101}^{(11)}m_{012}^{(20)}\\
&-2m_{100}^{(10)}m_{101}^{(11)}m_{003}^{(10)}+m_{100}^{(10)}m_{101}^{(20)}m_{030}^{(22)}-m_{100}^{(10)}m_{101}^{(20)}m_{021}^{(21)}-m_{100}^{(10)}m_{101}^{(21)}m_{120}^{(22)}\\
&-m_{100}^{(10)}m_{101}^{(21)}m_{111}^{(21)}-2m_{100}^{(10)}m_{101}^{(21)}m_{021}^{(20)}+4m_{100}^{(10)}m_{101}^{(21)}m_{012}^{(10)}+m_{100}^{(10)}m_{101}^{(22)}m_{120}^{(21)}\\
&+m_{100}^{(10)}m_{101}^{(22)}m_{030}^{(20)}-2m_{100}^{(10)}m_{101}^{(22)}m_{021}^{(10)}+m_{100}^{(10)}m_{020}^{(10)}m_{102}^{(22)}-m_{100}^{(10)}m_{020}^{(10)}m_{003}^{(20)}\\
&-m_{100}^{(10)}m_{020}^{(20)}m_{111}^{(22)}+m_{100}^{(10)}m_{020}^{(20)}m_{012}^{(20)}-m_{100}^{(10)}m_{020}^{(21)}m_{201}^{(22)}+m_{100}^{(10)}m_{020}^{(21)}m_{102}^{(20)}\\
&+m_{100}^{(10)}m_{020}^{(22)}m_{210}^{(22)}-m_{100}^{(10)}m_{020}^{(22)}m_{111}^{(20)}-m_{100}^{(10)}m_{011}^{(10)}m_{111}^{(22)}-m_{100}^{(10)}m_{011}^{(10)}m_{102}^{(21)}\\
&+2m_{100}^{(10)}m_{011}^{(10)}m_{003}^{(10)}+m_{100}^{(10)}m_{011}^{(11)}m_{201}^{(22)}-m_{100}^{(10)}m_{011}^{(11)}m_{102}^{(20)}+m_{100}^{(10)}m_{011}^{(20)}m_{120}^{(22)}\\
&+m_{100}^{(10)}m_{011}^{(20)}m_{111}^{(21)}-2m_{100}^{(10)}m_{011}^{(20)}m_{012}^{(10)}-m_{100}^{(10)}m_{011}^{(21)}m_{210}^{(22)}+m_{100}^{(10)}m_{011}^{(21)}m_{201}^{(21)}\\
&+2m_{100}^{(10)}m_{011}^{(21)}m_{111}^{(20)}-2m_{100}^{(10)}m_{011}^{(21)}m_{102}^{(10)}-m_{100}^{(10)}m_{011}^{(22)}m_{210}^{(21)}-m_{100}^{(10)}m_{011}^{(22)}m_{120}^{(20)}\\
&+2m_{100}^{(10)}m_{011}^{(22)}m_{111}^{(10)}+m_{100}^{(10)}m_{002}^{(10)}m_{111}^{(21)}+m_{100}^{(10)}m_{002}^{(10)}m_{021}^{(20)}-2m_{100}^{(10)}m_{002}^{(10)}m_{012}^{(10)}\\
&-m_{100}^{(10)}m_{002}^{(11)}m_{201}^{(21)}-m_{100}^{(10)}m_{002}^{(11)}m_{111}^{(20)}+2m_{100}^{(10)}m_{002}^{(11)}m_{102}^{(10)}-m_{100}^{(10)}m_{002}^{(20)}m_{120}^{(21)}\\
&-m_{100}^{(10)}m_{002}^{(20)}m_{030}^{(20)}+2m_{100}^{(10)}m_{002}^{(20)}m_{021}^{(10)}+m_{100}^{(10)}m_{002}^{(21)}m_{210}^{(21)}+m_{100}^{(10)}m_{002}^{(21)}m_{120}^{(20)}\\
&-2m_{100}^{(10)}m_{002}^{(21)}m_{111}^{(10)}+m_{100}^{(11)}m_{200}^{(11)}m_{102}^{(22)}-m_{100}^{(11)}m_{200}^{(11)}m_{003}^{(20)}-2m_{100}^{(11)}m_{200}^{(21)}m_{111}^{(22)}\\
&+2m_{100}^{(11)}m_{200}^{(21)}m_{012}^{(20)}+m_{100}^{(11)}m_{200}^{(22)}m_{120}^{(22)}-m_{100}^{(11)}m_{200}^{(22)}m_{021}^{(20)}-m_{100}^{(11)}m_{110}^{(10)}m_{102}^{(22)}\\
&+m_{100}^{(11)}m_{110}^{(10)}m_{003}^{(20)}+m_{100}^{(11)}m_{110}^{(20)}m_{111}^{(22)}-m_{100}^{(11)}m_{110}^{(20)}m_{012}^{(20)}+m_{100}^{(11)}m_{110}^{(21)}m_{201}^{(22)}\\
&-m_{100}^{(11)}m_{110}^{(21)}m_{102}^{(20)}-m_{100}^{(11)}m_{110}^{(22)}m_{210}^{(22)}+m_{100}^{(11)}m_{110}^{(22)}m_{111}^{(20)}+m_{100}^{(11)}m_{101}^{(10)}m_{111}^{(22)}\\
&-m_{100}^{(11)}m_{101}^{(10)}m_{012}^{(20)}-m_{100}^{(11)}m_{101}^{(11)}m_{201}^{(22)}+m_{100}^{(11)}m_{101}^{(11)}m_{003}^{(00)}-m_{100}^{(11)}m_{101}^{(20)}m_{120}^{(22)}\\
&+m_{100}^{(11)}m_{101}^{(20)}m_{021}^{(20)}+m_{100}^{(11)}m_{101}^{(21)}m_{210}^{(22)}+m_{100}^{(11)}m_{101}^{(21)}m_{111}^{(20)}-2m_{100}^{(11)}m_{101}^{(21)}m_{012}^{(00)}\\
&-m_{100}^{(11)}m_{101}^{(22)}m_{120}^{(20)}+m_{100}^{(11)}m_{101}^{(22)}m_{021}^{(00)}+m_{100}^{(11)}m_{011}^{(10)}m_{102}^{(20)}-m_{100}^{(11)}m_{011}^{(10)}m_{003}^{(00)}\\
&-m_{100}^{(11)}m_{011}^{(20)}m_{111}^{(20)}+m_{100}^{(11)}m_{011}^{(20)}m_{012}^{(00)}-m_{100}^{(11)}m_{011}^{(21)}m_{201}^{(20)}+m_{100}^{(11)}m_{011}^{(21)}m_{102}^{(00)}\\
&+m_{100}^{(11)}m_{011}^{(22)}m_{210}^{(20)}-m_{100}^{(11)}m_{011}^{(22)}m_{111}^{(00)}-m_{100}^{(11)}m_{002}^{(10)}m_{111}^{(20)}+m_{100}^{(11)}m_{002}^{(10)}m_{012}^{(00)}\\
&+m_{100}^{(11)}m_{002}^{(11)}m_{201}^{(20)}-m_{100}^{(11)}m_{002}^{(11)}m_{102}^{(00)}+m_{100}^{(11)}m_{002}^{(20)}m_{120}^{(20)}-m_{100}^{(11)}m_{002}^{(20)}m_{021}^{(00)}\\
&-m_{100}^{(11)}m_{002}^{(21)}m_{210}^{(20)}+m_{100}^{(11)}m_{002}^{(21)}m_{111}^{(00)}+m_{100}^{(20)}m_{200}^{(11)}m_{012}^{(20)}-m_{100}^{(20)}m_{200}^{(11)}m_{003}^{(20)}\\
&-2m_{100}^{(20)}m_{200}^{(21)}m_{021}^{(21)}+2m_{100}^{(20)}m_{200}^{(21)}m_{012}^{(11)}+m_{100}^{(20)}m_{200}^{(22)}m_{030}^{(21)}-m_{100}^{(20)}m_{200}^{(22)}m_{021}^{(11)}\\
&-m_{100}^{(20)}m_{110}^{(10)}m_{012}^{(21)}+m_{100}^{(20)}m_{110}^{(10)}m_{003}^{(11)}+m_{100}^{(20)}m_{110}^{(11)}m_{102}^{(21)}-2m_{100}^{(20)}m_{110}^{(11)}m_{012}^{(20)}\\
&+m_{100}^{(20)}m_{110}^{(11)}m_{003}^{(10)}+m_{100}^{(20)}m_{110}^{(20)}m_{021}^{(21)}-m_{100}^{(20)}m_{110}^{(20)}m_{012}^{(11)}-m_{100}^{(20)}m_{110}^{(21)}m_{111}^{(21)}\\
&-m_{100}^{(20)}m_{110}^{(21)}m_{102}^{(11)}+4m_{100}^{(20)}m_{110}^{(21)}m_{021}^{(20)}-2m_{100}^{(20)}m_{110}^{(21)}m_{012}^{(10)}+m_{100}^{(20)}m_{110}^{(22)}m_{111}^{(11)}\\
&-2m_{100}^{(20)}m_{110}^{(22)}m_{030}^{(20)}+m_{100}^{(20)}m_{110}^{(22)}m_{021}^{(10)}+m_{100}^{(20)}m_{101}^{(10)}m_{021}^{(21)}-m_{100}^{(20)}m_{101}^{(10)}m_{012}^{(11)}\\
&-m_{100}^{(20)}m_{101}^{(11)}m_{111}^{(21)}+m_{100}^{(20)}m_{101}^{(11)}m_{012}^{(10)}-m_{100}^{(20)}m_{101}^{(20)}m_{030}^{(21)}+m_{100}^{(20)}m_{101}^{(20)}m_{021}^{(11)}\\
&+m_{100}^{(20)}m_{101}^{(21)}m_{120}^{(21)}+m_{100}^{(20)}m_{101}^{(21)}m_{111}^{(11)}-2m_{100}^{(20)}m_{101}^{(21)}m_{021}^{(10)}-m_{100}^{(20)}m_{101}^{(22)}m_{120}^{(11)}\\
&+m_{100}^{(20)}m_{101}^{(22)}m_{030}^{(10)}-m_{100}^{(20)}m_{020}^{(10)}m_{102}^{(21)}+2m_{100}^{(20)}m_{020}^{(10)}m_{012}^{(20)}-m_{100}^{(20)}m_{020}^{(10)}m_{003}^{(10)}\\
&+m_{100}^{(20)}m_{020}^{(20)}m_{111}^{(21)}-2m_{100}^{(20)}m_{020}^{(20)}m_{021}^{(20)}+m_{100}^{(20)}m_{020}^{(20)}m_{012}^{(10)}+m_{100}^{(20)}m_{020}^{(21)}m_{201}^{(21)}\\
&-2m_{100}^{(20)}m_{020}^{(21)}m_{111}^{(20)}+m_{100}^{(20)}m_{020}^{(21)}m_{102}^{(10)}-m_{100}^{(20)}m_{020}^{(22)}m_{210}^{(21)}+2m_{100}^{(20)}m_{020}^{(22)}m_{120}^{(20)}\\
&-m_{100}^{(20)}m_{020}^{(22)}m_{111}^{(10)}+m_{100}^{(20)}m_{011}^{(10)}m_{111}^{(21)}+m_{100}^{(20)}m_{011}^{(10)}m_{102}^{(11)}-2m_{100}^{(20)}m_{011}^{(10)}m_{021}^{(20)}\\
&-m_{100}^{(20)}m_{011}^{(11)}m_{201}^{(21)}+2m_{100}^{(20)}m_{011}^{(11)}m_{111}^{(20)}-m_{100}^{(20)}m_{011}^{(11)}m_{102}^{(10)}-m_{100}^{(20)}m_{011}^{(20)}m_{120}^{(21)}\\
&-m_{100}^{(20)}m_{011}^{(20)}m_{111}^{(11)}+2m_{100}^{(20)}m_{011}^{(20)}m_{030}^{(20)}+m_{100}^{(20)}m_{011}^{(21)}m_{210}^{(21)}-m_{100}^{(20)}m_{011}^{(20)}m_{201}^{(11)}\\
&-2m_{100}^{(20)}m_{011}^{(21)}m_{120}^{(20)}+2m_{100}^{(20)}m_{011}^{(21)}m_{111}^{(10)}+m_{100}^{(20)}m_{011}^{(22)}m_{210}^{(11)}-m_{100}^{(20)}m_{011}^{(22)}m_{120}^{(10)}\\
&-m_{100}^{(20)}m_{002}^{(10)}m_{111}^{(11)}+m_{100}^{(20)}m_{002}^{(10)}m_{021}^{(10)}+m_{100}^{(20)}m_{002}^{(11)}m_{201}^{(11)}-m_{100}^{(20)}m_{002}^{(11)}m_{111}^{(10)}
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&+m_{100}^{(20)}m_{002}^{(20)}m_{120}^{(11)} - m_{100}^{(20)}m_{002}^{(20)}m_{030}^{(10)} - m_{100}^{(20)}m_{002}^{(21)}m_{210}^{(11)} + m_{100}^{(20)}m_{002}^{(21)}m_{120}^{(10)}\\
&-2m_{100}^{(21)}m_{200}^{(11)}m_{102}^{(21)} + m_{100}^{(21)}m_{200}^{(11)}m_{012}^{(20)} + m_{100}^{(21)}m_{200}^{(11)}m_{003}^{(10)} + 4m_{100}^{(21)}m_{200}^{(21)}m_{111}^{(21)}\\
&-2m_{100}^{(21)}m_{200}^{(21)}m_{021}^{(20)} - 2m_{100}^{(21)}m_{200}^{(21)}m_{012}^{(10)} - 2m_{100}^{(21)}m_{200}^{(22)}m_{120}^{(21)} + m_{100}^{(21)}m_{200}^{(22)}m_{030}^{(20)}\\
&+m_{100}^{(21)}m_{200}^{(22)}m_{021}^{(10)} + 2m_{100}^{(21)}m_{110}^{(10)}m_{102}^{(21)} - m_{100}^{(21)}m_{110}^{(10)}m_{012}^{(20)} - m_{100}^{(21)}m_{110}^{(10)}m_{003}^{(10)}\\
&+m_{100}^{(21)}m_{110}^{(11)}m_{102}^{(20)} - m_{100}^{(21)}m_{110}^{(11)}m_{003}^{(00)} - 2m_{100}^{(21)}m_{110}^{(20)}m_{111}^{(21)} + m_{100}^{(21)}m_{110}^{(20)}m_{021}^{(20)}\\
&+m_{100}^{(21)}m_{110}^{(20)}m_{012}^{(10)} - 2m_{100}^{(21)}m_{110}^{(21)}m_{201}^{(21)} - m_{100}^{(21)}m_{110}^{(21)}m_{111}^{(20)} + m_{100}^{(21)}m_{110}^{(21)}m_{102}^{(10)}\\
&+2m_{100}^{(21)}m_{110}^{(21)}m_{012}^{(00)} + 2m_{100}^{(21)}m_{110}^{(22)}m_{210}^{(21)} - m_{100}^{(21)}m_{110}^{(22)}m_{111}^{(10)} - m_{100}^{(21)}m_{110}^{(22)}m_{021}^{(00)}\\
&-2m_{100}^{(21)}m_{101}^{(10)}m_{111}^{(21)} + m_{100}^{(21)}m_{101}^{(10)}m_{021}^{(20)} + m_{100}^{(21)}m_{101}^{(10)}m_{012}^{(10)} + 2m_{100}^{(21)}m_{101}^{(11)}m_{201}^{(21)}\\
&-m_{100}^{(21)}m_{101}^{(11)}m_{111}^{(20)} - m_{100}^{(21)}m_{101}^{(11)}m_{012}^{(00)} + 2m_{100}^{(21)}m_{101}^{(20)}m_{120}^{(21)} - m_{100}^{(21)}m_{101}^{(20)}m_{030}^{(20)}\\
&-m_{100}^{(21)}m_{101}^{(20)}m_{021}^{(10)} - 2m_{100}^{(21)}m_{101}^{(21)}m_{210}^{(21)} + m_{100}^{(21)}m_{101}^{(21)}m_{120}^{(20)} - m_{100}^{(21)}m_{101}^{(21)}m_{111}^{(10)}\\
&+2m_{100}^{(21)}m_{101}^{(21)}m_{021}^{(00)} + m_{100}^{(21)}m_{101}^{(22)}m_{120}^{(10)} - m_{100}^{(21)}m_{101}^{(22)}m_{030}^{(00)} - m_{100}^{(21)}m_{020}^{(10)}m_{102}^{(20)}\\
&+m_{100}^{(21)}m_{020}^{(10)}m_{003}^{(00)} + m_{100}^{(21)}m_{020}^{(20)}m_{111}^{(20)} - m_{100}^{(21)}m_{020}^{(20)}m_{012}^{(00)} + m_{100}^{(21)}m_{020}^{(21)}m_{201}^{(20)}\\
&-m_{100}^{(21)}m_{020}^{(21)}m_{102}^{(00)} - m_{100}^{(21)}m_{020}^{(22)}m_{210}^{(20)} + m_{100}^{(21)}m_{020}^{(22)}m_{111}^{(00)} + m_{100}^{(21)}m_{011}^{(10)}m_{111}^{(20)}\\
&-m_{100}^{(21)}m_{011}^{(10)}m_{102}^{(10)} - m_{100}^{(21)}m_{011}^{(11)}m_{201}^{(20)} + m_{100}^{(21)}m_{011}^{(11)}m_{102}^{(00)} - m_{100}^{(21)}m_{011}^{(20)}m_{120}^{(20)}\\
&+m_{100}^{(21)}m_{011}^{(20)}m_{111}^{(10)} + m_{100}^{(21)}m_{011}^{(21)}m_{210}^{(20)} + m_{100}^{(21)}m_{011}^{(21)}m_{201}^{(10)} - 2m_{100}^{(21)}m_{011}^{(21)}m_{111}^{(00)}\\
&-m_{100}^{(21)}m_{011}^{(22)}m_{210}^{(10)} + m_{100}^{(21)}m_{011}^{(22)}m_{120}^{(00)} + m_{100}^{(21)}m_{002}^{(10)}m_{111}^{(10)} - m_{100}^{(21)}m_{002}^{(10)}m_{021}^{(00)}\\
&-m_{100}^{(21)}m_{002}^{(11)}m_{201}^{(10)} + m_{100}^{(21)}m_{002}^{(11)}m_{111}^{(00)} - m_{100}^{(21)}m_{002}^{(20)}m_{120}^{(10)} + m_{100}^{(21)}m_{002}^{(20)}m_{030}^{(00)}\\
&+m_{100}^{(21)}m_{002}^{(21)}m_{210}^{(10)} - m_{100}^{(21)}m_{002}^{(21)}m_{120}^{(00)} + m_{100}^{(22)}m_{200}^{(11)}m_{102}^{(11)} - m_{100}^{(22)}m_{200}^{(11)}m_{012}^{(10)}\\
&-2m_{100}^{(22)}m_{200}^{(21)}m_{111}^{(11)} + 2m_{100}^{(22)}m_{200}^{(21)}m_{021}^{(10)} + m_{100}^{(22)}m_{200}^{(22)}m_{120}^{(11)} - m_{100}^{(22)}m_{200}^{(22)}m_{030}^{(10)}\\
&-m_{100}^{(22)}m_{110}^{(10)}m_{102}^{(11)} + m_{100}^{(22)}m_{110}^{(10)}m_{012}^{(10)} - m_{100}^{(22)}m_{110}^{(11)}m_{102}^{(10)} + m_{100}^{(22)}m_{110}^{(11)}m_{012}^{(00)}\\
&+m_{100}^{(22)}m_{110}^{(20)}m_{111}^{(11)} - m_{100}^{(22)}m_{110}^{(20)}m_{021}^{(10)} + m_{100}^{(22)}m_{110}^{(21)}m_{201}^{(11)} + m_{100}^{(22)}m_{110}^{(21)}m_{111}^{(10)}\\
&-2m_{100}^{(22)}m_{110}^{(21)}m_{021}^{(00)} - m_{100}^{(22)}m_{110}^{(22)}m_{211}^{(11)} + m_{100}^{(22)}m_{110}^{(22)}m_{030}^{(00)} + m_{100}^{(22)}m_{101}^{(10)}m_{111}^{(11)}\\
&-m_{100}^{(22)}m_{101}^{(10)}m_{021}^{(10)} - m_{100}^{(22)}m_{101}^{(11)}m_{201}^{(11)} + m_{100}^{(22)}m_{101}^{(11)}m_{111}^{(10)} - m_{100}^{(22)}m_{101}^{(20)}m_{120}^{(11)}\\
&+m_{100}^{(22)}m_{101}^{(20)}m_{030}^{(10)} + m_{100}^{(22)}m_{101}^{(21)}m_{210}^{(11)} - m_{100}^{(22)}m_{101}^{(21)}m_{120}^{(10)} + m_{100}^{(22)}m_{101}^{(10)}m_{102}^{(10)}\\
&-m_{100}^{(22)}m_{020}^{(10)}m_{012}^{(00)} - m_{100}^{(22)}m_{020}^{(20)}m_{111}^{(10)} + m_{100}^{(22)}m_{020}^{(20)}m_{021}^{(00)} - m_{100}^{(22)}m_{020}^{(21)}m_{201}^{(10)}\\
&+m_{100}^{(22)}m_{020}^{(21)}m_{111}^{(00)} + m_{100}^{(22)}m_{020}^{(22)}m_{210}^{(10)} - m_{100}^{(22)}m_{020}^{(22)}m_{120}^{(00)} - m_{100}^{(22)}m_{011}^{(10)}m_{111}^{(10)}\\
&+m_{100}^{(22)}m_{011}^{(10)}m_{021}^{(00)} + m_{100}^{(22)}m_{011}^{(11)}m_{201}^{(10)} - m_{100}^{(22)}m_{011}^{(11)}m_{111}^{(00)} + m_{100}^{(22)}m_{011}^{(20)}m_{120}^{(10)}\\
&-m_{100}^{(22)}m_{011}^{(20)}m_{030}^{(00)} - m_{100}^{(22)}m_{011}^{(21)}m_{210}^{(10)} + m_{100}^{(22)}m_{011}^{(21)}m_{120}^{(00)} - m_{010}^{(00)}m_{110}^{(10)}m_{012}^{(22)}\\
&+m_{010}^{(00)}m_{110}^{(10)}m_{003}^{(21)} + m_{010}^{(00)}m_{110}^{(20)}m_{021}^{(22)} - m_{010}^{(00)}m_{110}^{(20)}m_{012}^{(21)} + m_{010}^{(00)}m_{110}^{(21)}m_{111}^{(22)}\\
&-m_{010}^{(00)}m_{110}^{(21)}m_{102}^{(21)} - m_{010}^{(00)}m_{110}^{(22)}m_{120}^{(22)} + m_{010}^{(00)}m_{110}^{(22)}m_{111}^{(21)} + m_{010}^{(00)}m_{101}^{(10)}m_{012}^{(21)}\\
&-m_{010}^{(00)}m_{101}^{(10)}m_{003}^{(11)} - m_{010}^{(00)}m_{101}^{(20)}m_{021}^{(21)} + m_{010}^{(00)}m_{101}^{(20)}m_{012}^{(11)} - m_{010}^{(00)}m_{101}^{(21)}m_{111}^{(21)}\\
&+m_{010}^{(00)}m_{101}^{(21)}m_{102}^{(11)} + m_{010}^{(00)}m_{101}^{(22)}m_{120}^{(21)} - m_{010}^{(00)}m_{101}^{(22)}m_{111}^{(11)} + m_{010}^{(00)}m_{020}^{(00)}m_{012}^{(22)}\\
&-m_{010}^{(00)}m_{020}^{(00)}m_{003}^{(21)} - 2m_{010}^{(00)}m_{020}^{(20)}m_{111}^{(22)} + 2m_{010}^{(00)}m_{020}^{(20)}m_{102}^{(21)} + m_{010}^{(00)}m_{020}^{(22)}m_{210}^{(22)}\\
&-m_{010}^{(00)}m_{020}^{(22)}m_{201}^{(21)} - m_{010}^{(00)}m_{011}^{(00)}m_{021}^{(22)} + m_{010}^{(00)}m_{011}^{(00)}m_{003}^{(11)} + m_{010}^{(00)}m_{011}^{(10)}m_{111}^{(22)}\\
&-m_{010}^{(00)}m_{011}^{(10)}m_{102}^{(21)} + m_{010}^{(00)}m_{011}^{(20)}m_{120}^{(22)} + m_{010}^{(00)}m_{011}^{(20)}m_{111}^{(21)} - 2m_{010}^{(00)}m_{011}^{(20)}m_{102}^{(11)}\\
&-m_{010}^{(00)}m_{011}^{(21)}m_{210}^{(22)} + m_{010}^{(00)}m_{011}^{(21)}m_{201}^{(21)} - m_{010}^{(00)}m_{011}^{(22)}m_{210}^{(21)} + m_{010}^{(00)}m_{011}^{(22)}m_{201}^{(11)}\\
&+m_{010}^{(00)}m_{002}^{(00)}m_{021}^{(21)} - m_{010}^{(00)}m_{002}^{(00)}m_{012}^{(11)} - m_{010}^{(00)}m_{002}^{(10)}m_{111}^{(21)} + m_{010}^{(00)}m_{002}^{(10)}m_{102}^{(11)}\\
&-m_{010}^{(00)}m_{002}^{(20)}m_{120}^{(21)} + m_{010}^{(00)}m_{002}^{(20)}m_{111}^{(11)} + m_{010}^{(00)}m_{002}^{(21)}m_{210}^{(21)} - m_{010}^{(00)}m_{002}^{(21)}m_{201}^{(11)}
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&+m_{010}^{(10)}m_{200}^{(10)}m_{012}^{(22)} - m_{010}^{(10)}m_{200}^{(10)}m_{003}^{(21)} - m_{010}^{(10)}m_{200}^{(20)}m_{021}^{(22)} + m_{010}^{(10)}m_{200}^{(20)}m_{012}^{(21)}\\
&-m_{010}^{(10)}m_{200}^{(21)}m_{111}^{(22)} + m_{010}^{(10)}m_{200}^{(21)}m_{102}^{(21)} + m_{010}^{(10)}m_{200}^{(22)}m_{120}^{(22)} - m_{010}^{(10)}m_{200}^{(22)}m_{111}^{(21)}\\
&-m_{010}^{(10)}m_{110}^{(00)}m_{012}^{(22)} + m_{010}^{(10)}m_{110}^{(00)}m_{003}^{(21)} + m_{010}^{(10)}m_{110}^{(10)}m_{102}^{(22)} - m_{010}^{(10)}m_{110}^{(10)}m_{003}^{(20)}\\
&+m_{010}^{(10)}m_{110}^{(20)}m_{111}^{(22)} - 2m_{010}^{(10)}m_{110}^{(20)}m_{102}^{(21)} + m_{010}^{(10)}m_{110}^{(20)}m_{012}^{(20)} - m_{010}^{(10)}m_{110}^{(21)}m_{201}^{(22)}\\
&+m_{010}^{(10)}m_{110}^{(21)}m_{102}^{(20)} + m_{010}^{(10)}m_{110}^{(22)}m_{201}^{(21)} - m_{010}^{(10)}m_{110}^{(22)}m_{111}^{(20)} + m_{010}^{(10)}m_{101}^{(00)}m_{021}^{(22)}\\
&-m_{010}^{(10)}m_{101}^{(00)}m_{012}^{(21)} - m_{010}^{(10)}m_{101}^{(10)}m_{111}^{(22)} - m_{010}^{(10)}m_{101}^{(10)}m_{012}^{(20)} + 2m_{010}^{(10)}m_{101}^{(10)}m_{003}^{(10)}\\
&-m_{010}^{(10)}m_{101}^{(20)}m_{120}^{(22)} + 2m_{010}^{(10)}m_{101}^{(20)}m_{111}^{(21)} + m_{010}^{(10)}m_{101}^{(20)}m_{021}^{(20)} - 2m_{010}^{(10)}m_{101}^{(20)}m_{012}^{(10)}\\
&+m_{010}^{(10)}m_{101}^{(21)}m_{210}^{(22)} + m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(20)} - 2m_{010}^{(10)}m_{101}^{(21)}m_{102}^{(10)} - m_{010}^{(10)}m_{101}^{(22)}m_{210}^{(21)}\\
&-m_{010}^{(10)}m_{101}^{(22)}m_{120}^{(20)} + 2m_{010}^{(10)}m_{101}^{(22)}m_{111}^{(10)} - m_{010}^{(10)}m_{020}^{(00)}m_{102}^{(22)} + m_{010}^{(10)}m_{020}^{(00)}m_{003}^{(20)}\\
&+2m_{010}^{(10)}m_{020}^{(20)}m_{201}^{(22)} - 2m_{010}^{(10)}m_{020}^{(20)}m_{102}^{(20)} - m_{010}^{(10)}m_{020}^{(22)}m_{300}^{(22)} + m_{010}^{(10)}m_{020}^{(22)}m_{201}^{(20)}\\
&+m_{010}^{(10)}m_{011}^{(00)}m_{111}^{(22)} + m_{010}^{(10)}m_{011}^{(00)}m_{102}^{(21)} - 2m_{010}^{(10)}m_{011}^{(00)}m_{003}^{(10)} - m_{010}^{(10)}m_{011}^{(10)}m_{201}^{(22)}\\
&+m_{010}^{(10)}m_{011}^{(10)}m_{102}^{(20)} - m_{010}^{(10)}m_{011}^{(20)}m_{210}^{(22)} - 2m_{010}^{(10)}m_{011}^{(20)}m_{201}^{(21)} - m_{010}^{(10)}m_{011}^{(20)}m_{111}^{(20)}\\
&+4m_{010}^{(10)}m_{011}^{(20)}m_{102}^{(10)} + m_{010}^{(10)}m_{011}^{(21)}m_{300}^{(22)} - m_{010}^{(10)}m_{011}^{(21)}m_{201}^{(20)} + m_{010}^{(10)}m_{011}^{(22)}m_{300}^{(21)}\\
&+m_{010}^{(10)}m_{011}^{(22)}m_{210}^{(20)} - 2m_{010}^{(10)}m_{011}^{(22)}m_{201}^{(10)} - m_{010}^{(10)}m_{002}^{(00)}m_{111}^{(21)} - m_{010}^{(10)}m_{002}^{(00)}m_{021}^{(20)}\\
&+2m_{010}^{(10)}m_{002}^{(00)}m_{012}^{(10)} + m_{010}^{(10)}m_{002}^{(10)}m_{201}^{(21)} + m_{010}^{(10)}m_{002}^{(10)}m_{111}^{(20)} - 2m_{010}^{(10)}m_{002}^{(10)}m_{102}^{(10)}\\
&+m_{010}^{(10)}m_{002}^{(20)}m_{210}^{(21)} + m_{010}^{(10)}m_{002}^{(20)}m_{120}^{(20)} - 2m_{010}^{(10)}m_{002}^{(20)}m_{111}^{(10)} - m_{010}^{(10)}m_{002}^{(21)}m_{300}^{(21)}\\
&-m_{010}^{(10)}m_{002}^{(21)}m_{210}^{(20)} + 2m_{010}^{(10)}m_{002}^{(21)}m_{201}^{(10)} - m_{010}^{(11)}m_{200}^{(10)}m_{102}^{(22)} + m_{010}^{(11)}m_{200}^{(10)}m_{003}^{(20)}\\
&+m_{010}^{(11)}m_{200}^{(20)}m_{111}^{(22)} - m_{010}^{(11)}m_{200}^{(20)}m_{012}^{(20)} + m_{010}^{(11)}m_{200}^{(21)}m_{201}^{(22)} - m_{010}^{(11)}m_{200}^{(21)}m_{102}^{(20)}\\
&-m_{010}^{(11)}m_{200}^{(22)}m_{210}^{(22)} + m_{010}^{(11)}m_{200}^{(22)}m_{111}^{(20)} + m_{010}^{(11)}m_{110}^{(00)}m_{102}^{(22)} - m_{010}^{(11)}m_{110}^{(00)}m_{003}^{(20)}\\
&-2m_{010}^{(11)}m_{110}^{(20)}m_{201}^{(22)} + 2m_{010}^{(11)}m_{110}^{(20)}m_{102}^{(20)} + m_{010}^{(11)}m_{110}^{(22)}m_{300}^{(22)} - m_{010}^{(11)}m_{110}^{(22)}m_{201}^{(20)}\\
&-m_{010}^{(11)}m_{101}^{(00)}m_{111}^{(22)} + m_{010}^{(11)}m_{101}^{(00)}m_{012}^{(20)} + m_{010}^{(11)}m_{101}^{(10)}m_{201}^{(22)} - m_{010}^{(11)}m_{101}^{(10)}m_{003}^{(00)}\\
&+m_{010}^{(11)}m_{101}^{(20)}m_{210}^{(22)} - 2m_{010}^{(11)}m_{101}^{(20)}m_{111}^{(20)} + m_{010}^{(11)}m_{101}^{(20)}m_{012}^{(00)} - m_{010}^{(11)}m_{101}^{(21)}m_{300}^{(22)}\\
&+m_{010}^{(11)}m_{101}^{(21)}m_{102}^{(00)} + m_{010}^{(11)}m_{101}^{(22)}m_{210}^{(20)} - m_{010}^{(11)}m_{101}^{(22)}m_{111}^{(00)} - m_{010}^{(11)}m_{011}^{(00)}m_{102}^{(20)}\\
&+m_{010}^{(11)}m_{011}^{(00)}m_{003}^{(00)} + 2m_{010}^{(11)}m_{011}^{(20)}m_{201}^{(20)} - 2m_{010}^{(11)}m_{011}^{(20)}m_{102}^{(00)} - m_{010}^{(11)}m_{011}^{(22)}m_{300}^{(20)}\\
&+m_{010}^{(11)}m_{011}^{(22)}m_{201}^{(00)} + m_{010}^{(11)}m_{002}^{(00)}m_{111}^{(20)} - m_{010}^{(11)}m_{002}^{(00)}m_{012}^{(00)} - m_{010}^{(11)}m_{002}^{(10)}m_{201}^{(20)}\\
&+m_{010}^{(11)}m_{002}^{(10)}m_{102}^{(00)} - m_{010}^{(11)}m_{002}^{(20)}m_{210}^{(20)} + m_{010}^{(11)}m_{002}^{(20)}m_{111}^{(00)} + m_{010}^{(11)}m_{002}^{(21)}m_{300}^{(20)}\\
&-m_{010}^{(11)}m_{002}^{(21)}m_{201}^{(00)} - m_{010}^{(20)}m_{200}^{(10)}m_{012}^{(21)} + m_{010}^{(20)}m_{200}^{(10)}m_{003}^{(11)} + m_{010}^{(20)}m_{200}^{(20)}m_{021}^{(21)}\\
&-m_{010}^{(20)}m_{200}^{(20)}m_{012}^{(11)} + m_{010}^{(20)}m_{200}^{(21)}m_{111}^{(21)} - m_{010}^{(20)}m_{200}^{(21)}m_{102}^{(11)} - m_{010}^{(20)}m_{200}^{(22)}m_{120}^{(21)}\\
&+m_{010}^{(20)}m_{200}^{(22)}m_{111}^{(11)} + m_{010}^{(20)}m_{110}^{(00)}m_{012}^{(21)} - m_{010}^{(20)}m_{110}^{(00)}m_{003}^{(11)} - m_{010}^{(20)}m_{110}^{(10)}m_{102}^{(21)}\\
&+2m_{010}^{(20)}m_{110}^{(10)}m_{012}^{(20)} - m_{010}^{(20)}m_{110}^{(10)}m_{003}^{(10)} - m_{010}^{(20)}m_{110}^{(20)}m_{111}^{(21)} + 2m_{010}^{(20)}m_{110}^{(20)}m_{102}^{(11)}\\
&-2m_{010}^{(20)}m_{110}^{(20)}m_{021}^{(20)} + m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(10)} + m_{010}^{(20)}m_{110}^{(21)}m_{201}^{(21)} - 2m_{010}^{(20)}m_{110}^{(21)}m_{111}^{(20)}\\
&+m_{010}^{(20)}m_{110}^{(21)}m_{102}^{(10)} - m_{010}^{(20)}m_{110}^{(22)}m_{201}^{(11)} + 2m_{010}^{(20)}m_{110}^{(22)}m_{120}^{(20)} - m_{010}^{(20)}m_{110}^{(22)}m_{111}^{(10)}\\
&-m_{010}^{(20)}m_{101}^{(00)}m_{021}^{(21)} + m_{010}^{(20)}m_{101}^{(00)}m_{012}^{(11)} + m_{010}^{(20)}m_{101}^{(10)}m_{111}^{(21)} - m_{010}^{(20)}m_{101}^{(10)}m_{012}^{(10)}\\
&+m_{010}^{(20)}m_{101}^{(20)}m_{120}^{(21)} - 2m_{010}^{(20)}m_{101}^{(20)}m_{111}^{(11)} + m_{010}^{(20)}m_{101}^{(20)}m_{021}^{(10)} - m_{010}^{(20)}m_{101}^{(21)}m_{210}^{(21)}\\
&+m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(10)} + m_{010}^{(20)}m_{101}^{(22)}m_{210}^{(11)} - m_{010}^{(20)}m_{101}^{(22)}m_{120}^{(10)} + m_{010}^{(20)}m_{020}^{(00)}m_{102}^{(21)}\\
&-2m_{010}^{(20)}m_{020}^{(00)}m_{012}^{(20)} + m_{010}^{(20)}m_{020}^{(00)}m_{003}^{(10)} - 2m_{010}^{(20)}m_{020}^{(20)}m_{201}^{(21)} + 4m_{010}^{(20)}m_{020}^{(20)}m_{111}^{(20)}\\
&-2m_{010}^{(20)}m_{020}^{(20)}m_{102}^{(10)} + m_{010}^{(20)}m_{020}^{(21)}m_{300}^{(21)} - 2m_{010}^{(20)}m_{020}^{(22)}m_{210}^{(20)} + m_{010}^{(20)}m_{020}^{(22)}m_{201}^{(10)}\\
&-m_{010}^{(20)}m_{011}^{(00)}m_{111}^{(21)} - m_{010}^{(20)}m_{011}^{(00)}m_{102}^{(11)} + 2m_{010}^{(20)}m_{011}^{(00)}m_{021}^{(20)} + m_{010}^{(20)}m_{011}^{(10)}m_{201}^{(21)}
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\begin{aligned}
&-2m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(20)}+m_{010}^{(20)}m_{011}^{(10)}m_{102}^{(10)}+m_{010}^{(20)}m_{011}^{(20)}m_{210}^{(21)}+2m_{010}^{(20)}m_{011}^{(20)}m_{201}^{(11)}\\
&-2m_{010}^{(20)}m_{011}^{(20)}m_{120}^{(20)}-m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(10)}-m_{010}^{(20)}m_{011}^{(21)}m_{300}^{(21)}+2m_{010}^{(20)}m_{011}^{(21)}m_{210}^{(20)}\\
&-m_{010}^{(20)}m_{011}^{(21)}m_{201}^{(10)}-m_{010}^{(20)}m_{011}^{(22)}m_{300}^{(11)}+m_{010}^{(20)}m_{011}^{(22)}m_{210}^{(10)}+m_{010}^{(20)}m_{002}^{(00)}m_{111}^{(11)}\\
&-m_{010}^{(20)}m_{002}^{(00)}m_{021}^{(10)}-m_{010}^{(20)}m_{002}^{(10)}m_{201}^{(11)}+m_{010}^{(20)}m_{002}^{(10)}m_{111}^{(10)}-m_{010}^{(20)}m_{002}^{(20)}m_{210}^{(11)}\\
&+m_{010}^{(20)}m_{002}^{(20)}m_{120}^{(10)}+m_{010}^{(20)}m_{002}^{(21)}m_{300}^{(11)}-m_{010}^{(20)}m_{002}^{(21)}m_{210}^{(10)}+2m_{010}^{(21)}m_{200}^{(10)}m_{102}^{(21)}\\
&-m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(20)}-m_{010}^{(21)}m_{200}^{(10)}m_{003}^{(10)}-2m_{010}^{(21)}m_{200}^{(20)}m_{111}^{(21)}+m_{010}^{(21)}m_{200}^{(20)}m_{021}^{(20)}\\
&+m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(10)}-2m_{010}^{(21)}m_{200}^{(21)}m_{201}^{(21)}+m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(20)}+m_{010}^{(21)}m_{200}^{(21)}m_{102}^{(10)}\\
&+2m_{010}^{(21)}m_{200}^{(22)}m_{210}^{(21)}-m_{010}^{(21)}m_{200}^{(22)}m_{120}^{(20)}-m_{010}^{(21)}m_{200}^{(22)}m_{111}^{(10)}-2m_{010}^{(21)}m_{110}^{(00)}m_{102}^{(21)}\\
&+m_{010}^{(21)}m_{110}^{(00)}m_{012}^{(20)}+m_{010}^{(21)}m_{110}^{(00)}m_{003}^{(10)}-m_{010}^{(21)}m_{110}^{(10)}m_{102}^{(20)}+m_{010}^{(21)}m_{110}^{(10)}m_{003}^{(00)}\\
&+4m_{010}^{(21)}m_{110}^{(20)}m_{201}^{(21)}-m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(20)}-2m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(10)}-m_{010}^{(21)}m_{110}^{(20)}m_{012}^{(00)}\\
&+m_{010}^{(21)}m_{110}^{(21)}m_{201}^{(20)}-m_{010}^{(21)}m_{110}^{(21)}m_{102}^{(00)}-2m_{010}^{(21)}m_{110}^{(22)}m_{300}^{(21)}+m_{010}^{(21)}m_{110}^{(22)}m_{201}^{(10)}\\
&+m_{010}^{(21)}m_{110}^{(22)}m_{111}^{(00)}+2m_{010}^{(21)}m_{101}^{(00)}m_{111}^{(21)}-m_{010}^{(21)}m_{101}^{(00)}m_{021}^{(20)}-m_{010}^{(21)}m_{101}^{(00)}m_{012}^{(10)}\\
&-2m_{010}^{(21)}m_{101}^{(10)}m_{201}^{(21)}+m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(20)}+m_{010}^{(21)}m_{101}^{(10)}m_{012}^{(00)}-2m_{010}^{(21)}m_{101}^{(20)}m_{210}^{(21)}\\
&+m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(20)}+2m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(10)}-m_{010}^{(21)}m_{101}^{(20)}m_{021}^{(00)}+2m_{010}^{(21)}m_{101}^{(21)}m_{300}^{(21)}\\
&-m_{010}^{(21)}m_{101}^{(21)}m_{210}^{(20)}-m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(00)}-m_{010}^{(21)}m_{101}^{(22)}m_{210}^{(10)}+m_{010}^{(21)}m_{101}^{(22)}m_{120}^{(00)}\\
&+m_{010}^{(21)}m_{020}^{(00)}m_{102}^{(20)}-m_{010}^{(21)}m_{020}^{(00)}m_{003}^{(00)}-2m_{010}^{(21)}m_{020}^{(20)}m_{201}^{(20)}+2m_{010}^{(21)}m_{020}^{(20)}m_{102}^{(00)}\\
&+m_{010}^{(21)}m_{020}^{(22)}m_{300}^{(20)}-m_{010}^{(21)}m_{020}^{(22)}m_{201}^{(00)}-m_{010}^{(21)}m_{011}^{(00)}m_{111}^{(20)}+m_{010}^{(21)}m_{011}^{(00)}m_{102}^{(10)}\\
&+m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(20)}-m_{010}^{(21)}m_{011}^{(10)}m_{102}^{(00)}+m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(20)}-2m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(10)}\\
&+m_{010}^{(21)}m_{011}^{(20)}m_{111}^{(00)}-m_{010}^{(21)}m_{011}^{(21)}m_{300}^{(20)}+m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(00)}+m_{010}^{(21)}m_{011}^{(22)}m_{300}^{(10)}\\
&-m_{010}^{(21)}m_{011}^{(22)}m_{210}^{(00)}-m_{010}^{(21)}m_{002}^{(00)}m_{111}^{(10)}+m_{010}^{(21)}m_{002}^{(00)}m_{021}^{(00)}+m_{010}^{(21)}m_{002}^{(10)}m_{201}^{(10)}\\
&-m_{010}^{(21)}m_{002}^{(10)}m_{111}^{(00)}+m_{010}^{(21)}m_{002}^{(20)}m_{210}^{(10)}-m_{010}^{(21)}m_{002}^{(20)}m_{120}^{(00)}-m_{010}^{(21)}m_{002}^{(21)}m_{300}^{(10)}\\
&+m_{010}^{(21)}m_{002}^{(21)}m_{210}^{(00)}-m_{010}^{(22)}m_{200}^{(10)}m_{102}^{(11)}+m_{010}^{(22)}m_{200}^{(10)}m_{012}^{(10)}+m_{010}^{(22)}m_{200}^{(20)}m_{111}^{(11)}\\
&-m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(10)}+m_{010}^{(22)}m_{200}^{(21)}m_{201}^{(11)}-m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(10)}-m_{010}^{(22)}m_{200}^{(22)}m_{210}^{(11)}\\
&+m_{010}^{(22)}m_{200}^{(22)}m_{120}^{(10)}+m_{010}^{(22)}m_{110}^{(00)}m_{102}^{(11)}-m_{010}^{(22)}m_{110}^{(00)}m_{012}^{(10)}+m_{010}^{(22)}m_{110}^{(10)}m_{102}^{(10)}\\
&-m_{010}^{(22)}m_{110}^{(10)}m_{012}^{(00)}-2m_{010}^{(22)}m_{110}^{(20)}m_{201}^{(11)}+m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(10)}+m_{010}^{(22)}m_{110}^{(20)}m_{021}^{(00)}\\
&-m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(10)}+m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(00)}+m_{010}^{(22)}m_{110}^{(22)}m_{300}^{(11)}-m_{010}^{(22)}m_{110}^{(22)}m_{120}^{(00)}\\
&-m_{010}^{(22)}m_{101}^{(00)}m_{111}^{(11)}+m_{010}^{(22)}m_{101}^{(00)}m_{021}^{(10)}+m_{010}^{(22)}m_{101}^{(10)}m_{201}^{(11)}-m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(10)}\\
&+m_{010}^{(22)}m_{101}^{(20)}m_{210}^{(11)}-m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(10)}-m_{010}^{(22)}m_{101}^{(21)}m_{300}^{(11)}+m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(10)}\\
&-m_{010}^{(22)}m_{020}^{(00)}m_{102}^{(10)}+m_{010}^{(22)}m_{020}^{(00)}m_{012}^{(00)}+2m_{010}^{(22)}m_{020}^{(20)}m_{201}^{(10)}-2m_{010}^{(22)}m_{020}^{(20)}m_{111}^{(00)}\\
&-m_{010}^{(22)}m_{020}^{(22)}m_{300}^{(10)}+m_{010}^{(22)}m_{020}^{(22)}m_{210}^{(00)}+m_{010}^{(22)}m_{011}^{(00)}m_{111}^{(10)}-m_{010}^{(22)}m_{011}^{(00)}m_{021}^{(00)}\\
&-m_{010}^{(22)}m_{011}^{(10)}m_{201}^{(10)}+m_{010}^{(22)}m_{011}^{(10)}m_{111}^{(00)}-m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(10)}+m_{010}^{(22)}m_{011}^{(20)}m_{120}^{(00)}\\
&+m_{010}^{(22)}m_{011}^{(21)}m_{300}^{(10)}-m_{010}^{(22)}m_{011}^{(21)}m_{210}^{(00)}+m_{001}^{(00)}m_{110}^{(10)}m_{021}^{(22)}-m_{001}^{(00)}m_{110}^{(10)}m_{012}^{(21)}\\
&-m_{001}^{(00)}m_{110}^{(11)}m_{111}^{(22)}+m_{001}^{(00)}m_{110}^{(11)}m_{102}^{(21)}-m_{001}^{(00)}m_{110}^{(20)}m_{030}^{(22)}+m_{001}^{(00)}m_{110}^{(20)}m_{021}^{(21)}\\
&+m_{001}^{(00)}m_{110}^{(21)}m_{120}^{(22)}-m_{001}^{(00)}m_{110}^{(21)}m_{111}^{(21)}-m_{001}^{(00)}m_{101}^{(10)}m_{021}^{(21)}+m_{001}^{(00)}m_{101}^{(10)}m_{012}^{(11)}\\
&+m_{001}^{(00)}m_{101}^{(11)}m_{111}^{(21)}-m_{001}^{(00)}m_{101}^{(11)}m_{102}^{(11)}+m_{001}^{(00)}m_{101}^{(20)}m_{030}^{(21)}-m_{001}^{(00)}m_{101}^{(20)}m_{021}^{(11)}\\
&-m_{001}^{(00)}m_{101}^{(21)}m_{120}^{(21)}+m_{001}^{(00)}m_{101}^{(21)}m_{111}^{(11)}-m_{001}^{(00)}m_{020}^{(00)}m_{021}^{(22)}+m_{001}^{(00)}m_{020}^{(00)}m_{012}^{(21)}\\
&+m_{001}^{(00)}m_{020}^{(10)}m_{111}^{(22)}-m_{001}^{(00)}m_{020}^{(10)}m_{102}^{(21)}+m_{001}^{(00)}m_{020}^{(20)}m_{120}^{(22)}-m_{001}^{(00)}m_{020}^{(20)}m_{111}^{(21)}\\
&-m_{001}^{(00)}m_{020}^{(21)}m_{210}^{(22)}+m_{001}^{(00)}m_{020}^{(21)}m_{201}^{(21)}+m_{001}^{(00)}m_{011}^{(00)}m_{030}^{(22)}-m_{001}^{(00)}m_{011}^{(00)}m_{012}^{(11)}
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&-2m_{001}^{(00)}m_{011}^{(10)}m_{120}^{(22)} + m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(21)} + m_{001}^{(00)}m_{011}^{(10)}m_{102}^{(11)} + m_{001}^{(00)}m_{011}^{(11)}m_{210}^{(22)}\\
&-m_{001}^{(00)}m_{011}^{(11)}m_{201}^{(21)} - m_{001}^{(00)}m_{011}^{(20)}m_{120}^{(21)} + m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(11)} + m_{001}^{(00)}m_{011}^{(21)}m_{210}^{(21)}\\
&-m_{001}^{(00)}m_{011}^{(21)}m_{201}^{(11)} - m_{001}^{(00)}m_{002}^{(00)}m_{030}^{(21)} + m_{001}^{(00)}m_{002}^{(00)}m_{021}^{(11)} + 2m_{001}^{(00)}m_{002}^{(10)}m_{120}^{(21)}\\
&-2m_{001}^{(00)}m_{002}^{(10)}m_{111}^{(11)} - m_{001}^{(00)}m_{002}^{(11)}m_{210}^{(21)} + m_{001}^{(00)}m_{002}^{(11)}m_{201}^{(11)} - m_{001}^{(00)}m_{200}^{(10)}m_{021}^{(22)}\\
&+m_{001}^{(10)}m_{200}^{(10)}m_{012}^{(21)} + m_{001}^{(10)}m_{200}^{(11)}m_{111}^{(22)} - m_{001}^{(10)}m_{200}^{(11)}m_{102}^{(21)} + m_{001}^{(10)}m_{200}^{(20)}m_{030}^{(22)}\\
&-m_{001}^{(10)}m_{200}^{(20)}m_{021}^{(21)} - m_{001}^{(10)}m_{200}^{(21)}m_{120}^{(22)} + m_{001}^{(10)}m_{200}^{(21)}m_{111}^{(21)} + m_{001}^{(10)}m_{110}^{(00)}m_{021}^{(22)}\\
&-m_{001}^{(10)}m_{110}^{(00)}m_{012}^{(21)} - 2m_{001}^{(10)}m_{110}^{(10)}m_{111}^{(22)} + m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(21)} + m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(20)}\\
&+m_{001}^{(10)}m_{110}^{(11)}m_{201}^{(22)} - m_{001}^{(10)}m_{110}^{(11)}m_{102}^{(20)} + m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(21)} - m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(20)}\\
&-m_{001}^{(10)}m_{110}^{(21)}m_{201}^{(21)} + m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(20)} - m_{001}^{(10)}m_{101}^{(00)}m_{030}^{(22)} + m_{001}^{(10)}m_{101}^{(00)}m_{021}^{(21)}\\
&+2m_{001}^{(10)}m_{101}^{(10)}m_{120}^{(22)} - m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(21)} + m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(20)} - 2m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(10)}\\
&-m_{001}^{(10)}m_{101}^{(11)}m_{210}^{(22)} - m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(20)} + 2m_{001}^{(10)}m_{101}^{(11)}m_{102}^{(10)} - m_{001}^{(10)}m_{101}^{(20)}m_{120}^{(21)}\\
&-m_{001}^{(10)}m_{101}^{(20)}m_{030}^{(20)} + 2m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(10)} + m_{001}^{(10)}m_{101}^{(21)}m_{210}^{(21)} + m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(20)}\\
&-2m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(10)} + m_{001}^{(10)}m_{020}^{(00)}m_{111}^{(22)} - m_{001}^{(10)}m_{020}^{(00)}m_{012}^{(20)} - m_{001}^{(10)}m_{020}^{(10)}m_{201}^{(22)}\\
&+m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(20)} - m_{001}^{(10)}m_{020}^{(20)}m_{210}^{(22)} + m_{001}^{(10)}m_{020}^{(20)}m_{111}^{(20)} + m_{001}^{(10)}m_{020}^{(21)}m_{300}^{(22)}\\
&-m_{001}^{(10)}m_{020}^{(21)}m_{201}^{(20)} - m_{001}^{(10)}m_{011}^{(00)}m_{120}^{(22)} - m_{001}^{(10)}m_{011}^{(00)}m_{111}^{(21)} + 2m_{001}^{(10)}m_{011}^{(00)}m_{012}^{(10)}\\
&+2m_{001}^{(10)}m_{011}^{(10)}m_{210}^{(22)} + m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(21)} - m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(20)} - 2m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(10)}\\
&-m_{001}^{(10)}m_{011}^{(11)}m_{300}^{(22)} + m_{001}^{(10)}m_{011}^{(11)}m_{201}^{(20)} + m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(21)} + m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(20)}\\
&-2m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(10)} - m_{001}^{(10)}m_{011}^{(21)}m_{300}^{(21)} - m_{001}^{(10)}m_{011}^{(21)}m_{210}^{(20)} + 2m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(10)}\\
&+m_{001}^{(10)}m_{002}^{(00)}m_{120}^{(21)} + m_{001}^{(10)}m_{002}^{(00)}m_{030}^{(20)} - 2m_{001}^{(10)}m_{002}^{(00)}m_{021}^{(10)} - 2m_{001}^{(10)}m_{002}^{(10)}m_{210}^{(21)}\\
&-2m_{001}^{(10)}m_{002}^{(10)}m_{120}^{(20)} + 4m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(10)} + m_{001}^{(10)}m_{002}^{(11)}m_{300}^{(21)} + m_{001}^{(10)}m_{002}^{(11)}m_{210}^{(20)}\\
&-2m_{001}^{(10)}m_{002}^{(11)}m_{201}^{(10)} + m_{001}^{(11)}m_{200}^{(10)}m_{111}^{(22)} - m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(20)} - m_{001}^{(11)}m_{200}^{(11)}m_{201}^{(22)}\\
&+m_{001}^{(11)}m_{200}^{(11)}m_{102}^{(20)} - m_{001}^{(11)}m_{200}^{(20)}m_{120}^{(22)} + m_{001}^{(11)}m_{200}^{(20)}m_{021}^{(20)} + m_{001}^{(11)}m_{200}^{(21)}m_{210}^{(22)}\\
&-m_{001}^{(11)}m_{200}^{(21)}m_{111}^{(20)} - m_{001}^{(11)}m_{110}^{(00)}m_{111}^{(22)} + m_{001}^{(11)}m_{110}^{(00)}m_{012}^{(20)} + m_{001}^{(11)}m_{110}^{(10)}m_{201}^{(22)}\\
&-m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(20)} + m_{001}^{(11)}m_{110}^{(20)}m_{210}^{(22)} - m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(20)} - m_{001}^{(11)}m_{110}^{(21)}m_{300}^{(22)}\\
&+m_{001}^{(11)}m_{110}^{(21)}m_{201}^{(20)} + m_{001}^{(11)}m_{101}^{(00)}m_{120}^{(22)} - m_{001}^{(11)}m_{101}^{(00)}m_{021}^{(20)} - 2m_{001}^{(11)}m_{101}^{(10)}m_{210}^{(22)}\\
&+m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(20)} + m_{001}^{(11)}m_{101}^{(10)}m_{012}^{(00)} + m_{001}^{(11)}m_{101}^{(11)}m_{300}^{(22)} - m_{001}^{(11)}m_{101}^{(11)}m_{102}^{(00)}\\
&+m_{001}^{(11)}m_{101}^{(20)}m_{120}^{(20)} - m_{001}^{(11)}m_{101}^{(20)}m_{021}^{(00)} - m_{001}^{(11)}m_{101}^{(21)}m_{210}^{(20)} + m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(00)}\\
&+m_{001}^{(11)}m_{011}^{(00)}m_{111}^{(20)} - m_{001}^{(11)}m_{011}^{(00)}m_{012}^{(00)} - m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(20)} + m_{001}^{(11)}m_{011}^{(10)}m_{102}^{(00)}\\
&-m_{001}^{(11)}m_{011}^{(20)}m_{210}^{(20)} + m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(00)} + m_{001}^{(11)}m_{011}^{(21)}m_{300}^{(20)} - m_{001}^{(11)}m_{011}^{(21)}m_{201}^{(00)}\\
&-m_{001}^{(11)}m_{002}^{(00)}m_{120}^{(20)} + m_{001}^{(11)}m_{002}^{(00)}m_{021}^{(00)} + 2m_{001}^{(11)}m_{002}^{(10)}m_{210}^{(20)} - 2m_{001}^{(11)}m_{002}^{(10)}m_{111}^{(00)}\\
&-m_{001}^{(11)}m_{002}^{(11)}m_{300}^{(20)} + m_{001}^{(11)}m_{002}^{(11)}m_{201}^{(00)} + m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(21)} - m_{001}^{(20)}m_{200}^{(10)}m_{012}^{(11)}\\
&-m_{001}^{(20)}m_{200}^{(11)}m_{111}^{(21)} + m_{001}^{(20)}m_{200}^{(11)}m_{102}^{(11)} - m_{001}^{(20)}m_{200}^{(20)}m_{030}^{(21)} + m_{001}^{(20)}m_{200}^{(20)}m_{021}^{(11)}\\
&+m_{001}^{(20)}m_{200}^{(21)}m_{120}^{(21)} - m_{001}^{(20)}m_{200}^{(21)}m_{111}^{(11)} - m_{001}^{(20)}m_{110}^{(00)}m_{021}^{(21)} + m_{001}^{(20)}m_{110}^{(00)}m_{012}^{(11)}\\
&+2m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(21)} - m_{001}^{(20)}m_{110}^{(10)}m_{102}^{(11)} - 2m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(20)} + m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(10)}\\
&-m_{001}^{(20)}m_{110}^{(11)}m_{201}^{(21)} + 2m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(20)} - m_{001}^{(20)}m_{110}^{(11)}m_{102}^{(10)} - m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(11)}\\
&+2m_{001}^{(20)}m_{110}^{(20)}m_{030}^{(20)} - m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(10)} + m_{001}^{(20)}m_{110}^{(21)}m_{201}^{(11)} - 2m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(20)}\\
&+m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(10)} + m_{001}^{(20)}m_{101}^{(00)}m_{030}^{(21)} - m_{001}^{(20)}m_{101}^{(00)}m_{021}^{(11)} - 2m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(21)}\\
&+m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(11)} + m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(10)} + m_{001}^{(20)}m_{101}^{(11)}m_{210}^{(21)} - m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(10)}
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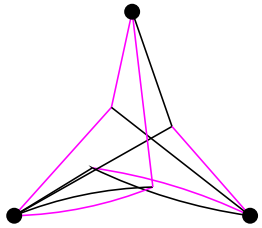
&+m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(11)} - m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(10)} - m_{001}^{(20)}m_{101}^{(21)}m_{210}^{(11)} + m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(10)}\\
&-m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(21)} + 2m_{001}^{(20)}m_{020}^{(00)}m_{021}^{(20)} - m_{001}^{(20)}m_{020}^{(00)}m_{012}^{(10)} + m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(21)}\\
&-2m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(20)} + m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(10)} + m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(21)} - 2m_{001}^{(20)}m_{020}^{(20)}m_{120}^{(20)}\\
&+m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(10)} - m_{001}^{(20)}m_{020}^{(21)}m_{300}^{(21)} + 2m_{001}^{(20)}m_{020}^{(21)}m_{210}^{(20)} - m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(10)}\\
&+m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(21)} + m_{001}^{(20)}m_{011}^{(00)}m_{111}^{(11)} - 2m_{001}^{(20)}m_{011}^{(00)}m_{030}^{(20)} - 2m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(21)}\\
&-m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(11)} + 4m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(20)} - m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(10)} + m_{001}^{(20)}m_{011}^{(11)}m_{300}^{(21)}\\
&-2m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(20)} + m_{001}^{(20)}m_{011}^{(11)}m_{201}^{(10)} - m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(11)} + m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(10)}\\
&+m_{001}^{(20)}m_{011}^{(21)}m_{300}^{(11)} - m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(10)} - m_{001}^{(20)}m_{002}^{(00)}m_{120}^{(11)} + m_{001}^{(20)}m_{002}^{(00)}m_{030}^{(10)}\\
&+2m_{001}^{(20)}m_{002}^{(10)}m_{210}^{(11)} - 2m_{001}^{(20)}m_{002}^{(10)}m_{120}^{(10)} - m_{001}^{(20)}m_{002}^{(11)}m_{300}^{(11)} + m_{001}^{(20)}m_{002}^{(11)}m_{210}^{(10)}\\
&-2m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(21)} + m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(20)} + m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(10)} + 2m_{001}^{(21)}m_{200}^{(11)}m_{201}^{(21)}\\
&-m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(20)} - m_{001}^{(21)}m_{200}^{(11)}m_{102}^{(10)} + 2m_{001}^{(21)}m_{200}^{(20)}m_{120}^{(21)} - m_{001}^{(21)}m_{200}^{(20)}m_{030}^{(20)}\\
&-m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(10)} - 2m_{001}^{(21)}m_{200}^{(21)}m_{210}^{(21)} + m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(20)} + m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(10)}\\
&+2m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(21)} - m_{001}^{(21)}m_{110}^{(00)}m_{021}^{(20)} - m_{001}^{(21)}m_{110}^{(00)}m_{012}^{(10)} - 2m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(21)}\\
&+2m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(20)} + m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(10)} - m_{001}^{(21)}m_{110}^{(10)}m_{012}^{(00)} - m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(20)}\\
&+m_{001}^{(21)}m_{110}^{(11)}m_{102}^{(00)} - 2m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(21)} + m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(10)} + m_{001}^{(21)}m_{110}^{(20)}m_{021}^{(00)}\\
&+2m_{001}^{(21)}m_{110}^{(21)}m_{300}^{(21)} - m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(10)} - m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(00)} - 2m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(21)}\\
&+m_{001}^{(21)}m_{101}^{(00)}m_{030}^{(20)} + m_{001}^{(21)}m_{101}^{(00)}m_{021}^{(10)} + 4m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(21)} - 2m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(20)}\\
&-m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(10)} - m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(00)} - 2m_{001}^{(21)}m_{101}^{(11)}m_{300}^{(21)} + m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(20)}\\
&+m_{001}^{(21)}m_{101}^{(11)}m_{111}^{(00)} - m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(10)} + m_{001}^{(21)}m_{101}^{(20)}m_{030}^{(00)} + m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(10)}\\
&-m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(00)} - m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(20)} + m_{001}^{(21)}m_{020}^{(00)}m_{012}^{(00)} + m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(20)}\\
&-m_{001}^{(21)}m_{020}^{(10)}m_{102}^{(00)} + m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(20)} - m_{001}^{(21)}m_{020}^{(20)}m_{111}^{(00)} - m_{001}^{(21)}m_{020}^{(21)}m_{300}^{(20)}\\
&+m_{001}^{(21)}m_{020}^{(21)}m_{201}^{(00)} + m_{001}^{(21)}m_{011}^{(00)}m_{120}^{(20)} - m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(10)} - 2m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(20)}\\
&+m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(10)} + m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(00)} + m_{001}^{(21)}m_{011}^{(11)}m_{300}^{(20)} - m_{001}^{(21)}m_{011}^{(11)}m_{201}^{(00)}\\
&+m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(10)} - m_{001}^{(21)}m_{011}^{(20)}m_{120}^{(00)} - m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(10)} + m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(00)}\\
&+m_{001}^{(21)}m_{002}^{(00)}m_{120}^{(10)} - m_{001}^{(21)}m_{002}^{(00)}m_{030}^{(00)} - 2m_{001}^{(21)}m_{002}^{(10)}m_{210}^{(10)} + 2m_{001}^{(21)}m_{002}^{(10)}m_{120}^{(00)}\\
&+m_{001}^{(21)}m_{002}^{(11)}m_{300}^{(10)} - m_{001}^{(21)}m_{002}^{(11)}m_{210}^{(00)} + m_{001}^{(22)}m_{200}^{(10)}m_{111}^{(11)} - m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(10)}\\
&-m_{001}^{(22)}m_{200}^{(11)}m_{201}^{(11)} + m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(10)} - m_{001}^{(22)}m_{200}^{(20)}m_{120}^{(11)} + m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(10)}\\
&+m_{001}^{(22)}m_{200}^{(21)}m_{210}^{(11)} - m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(10)} - m_{001}^{(22)}m_{110}^{(00)}m_{111}^{(11)} + m_{001}^{(22)}m_{110}^{(00)}m_{021}^{(10)}\\
&+m_{001}^{(22)}m_{110}^{(10)}m_{201}^{(11)} - 2m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(10)} + m_{001}^{(22)}m_{110}^{(10)}m_{021}^{(00)} + m_{001}^{(22)}m_{110}^{(11)}m_{201}^{(10)}\\
&-m_{001}^{(22)}m_{110}^{(11)}m_{111}^{(00)} + m_{001}^{(22)}m_{110}^{(20)}m_{210}^{(11)} - m_{001}^{(22)}m_{110}^{(20)}m_{030}^{(00)} - m_{001}^{(22)}m_{110}^{(21)}m_{300}^{(11)}\\
&+m_{001}^{(22)}m_{110}^{(21)}m_{120}^{(00)} + m_{001}^{(22)}m_{101}^{(00)}m_{120}^{(11)} - m_{001}^{(22)}m_{101}^{(00)}m_{030}^{(10)} - 2m_{001}^{(22)}m_{101}^{(10)}m_{210}^{(11)}\\
&+2m_{001}^{(22)}m_{101}^{(10)}m_{120}^{(10)} + m_{001}^{(22)}m_{101}^{(11)}m_{300}^{(11)} - m_{001}^{(22)}m_{101}^{(11)}m_{210}^{(10)} + m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(10)}\\
&-m_{001}^{(22)}m_{020}^{(00)}m_{021}^{(00)} - m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(10)} + m_{001}^{(22)}m_{020}^{(10)}m_{111}^{(00)} - m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(10)}\\
&+m_{001}^{(22)}m_{020}^{(20)}m_{120}^{(00)} + m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(10)} - m_{001}^{(22)}m_{020}^{(21)}m_{210}^{(00)} - m_{001}^{(22)}m_{011}^{(00)}m_{120}^{(10)}\\
&+m_{001}^{(22)}m_{011}^{(00)}m_{030}^{(00)} + 2m_{001}^{(22)}m_{011}^{(10)}m_{210}^{(10)} - 2m_{001}^{(22)}m_{011}^{(10)}m_{120}^{(00)} - m_{001}^{(22)}m_{011}^{(11)}m_{300}^{(10)}\\
&+m_{001}^{(22)}m_{011}^{(11)}m_{210}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & 1 & V1 & 1\\
1 & 2 & V2 & V3\\
V2 & V3 & 3 & 3
\end{array}
$$



$$
\begin{aligned}
T_{66} \;=\;& m_{100}^{(00)} m_{110}^{(11)} m_{012}^{(22)} - m_{100}^{(00)} m_{110}^{(11)} m_{003}^{(21)} - m_{100}^{(00)} m_{110}^{(21)} m_{021}^{(22)} + m_{100}^{(00)} m_{110}^{(21)} m_{003}^{(11)} \\
&+ m_{100}^{(00)} m_{110}^{(22)} m_{021}^{(21)} - m_{100}^{(00)} m_{110}^{(22)} m_{012}^{(11)} - m_{100}^{(00)} m_{101}^{(11)} m_{021}^{(22)} + m_{100}^{(00)} m_{101}^{(11)} m_{012}^{(21)} \\
&+ m_{100}^{(00)} m_{101}^{(21)} m_{030}^{(22)} - m_{100}^{(00)} m_{101}^{(21)} m_{012}^{(11)} - m_{100}^{(00)} m_{101}^{(22)} m_{030}^{(21)} + m_{100}^{(00)} m_{101}^{(22)} m_{021}^{(11)} \\
&- m_{100}^{(00)} m_{020}^{(10)} m_{012}^{(22)} + m_{100}^{(00)} m_{020}^{(10)} m_{003}^{(21)} + m_{100}^{(00)} m_{020}^{(20)} m_{012}^{(21)} - m_{100}^{(00)} m_{020}^{(20)} m_{003}^{(11)} \\
&+ m_{100}^{(00)} m_{020}^{(21)} m_{111}^{(22)} - m_{100}^{(00)} m_{020}^{(21)} m_{102}^{(21)} - m_{100}^{(00)} m_{020}^{(22)} m_{111}^{(21)} + m_{100}^{(00)} m_{020}^{(22)} m_{102}^{(11)} \\
&+ 2m_{100}^{(00)} m_{011}^{(10)} m_{021}^{(22)} - 2m_{100}^{(00)} m_{011}^{(10)} m_{012}^{(21)} - m_{100}^{(00)} m_{011}^{(11)} m_{111}^{(22)} + m_{100}^{(00)} m_{011}^{(11)} m_{102}^{(21)} \\
&- 2m_{100}^{(00)} m_{011}^{(20)} m_{021}^{(21)} + 2m_{100}^{(00)} m_{011}^{(20)} m_{012}^{(11)} - m_{100}^{(00)} m_{011}^{(21)} m_{120}^{(22)} + 2m_{100}^{(00)} m_{011}^{(21)} m_{111}^{(21)} \\
&- m_{100}^{(00)} m_{011}^{(21)} m_{102}^{(11)} + m_{100}^{(00)} m_{011}^{(22)} m_{120}^{(21)} - m_{100}^{(00)} m_{011}^{(22)} m_{111}^{(11)} - m_{100}^{(00)} m_{002}^{(10)} m_{030}^{(22)} \\
&+ m_{100}^{(00)} m_{002}^{(10)} m_{021}^{(21)} + m_{100}^{(00)} m_{002}^{(11)} m_{120}^{(22)} - m_{100}^{(00)} m_{002}^{(11)} m_{111}^{(21)} + m_{100}^{(00)} m_{002}^{(20)} m_{030}^{(21)} \\
&- m_{100}^{(00)} m_{002}^{(20)} m_{021}^{(11)} - m_{100}^{(00)} m_{002}^{(21)} m_{120}^{(21)} + m_{100}^{(00)} m_{002}^{(21)} m_{111}^{(11)} - m_{100}^{(10)} m_{100}^{(10)} m_{012}^{(22)} \\
&+ m_{100}^{(10)} m_{110}^{(10)} m_{003}^{(21)} - m_{100}^{(10)} m_{110}^{(11)} m_{102}^{(22)} + m_{100}^{(10)} m_{110}^{(11)} m_{003}^{(20)} + m_{100}^{(10)} m_{110}^{(20)} m_{021}^{(22)} \\
&- m_{100}^{(10)} m_{110}^{(20)} m_{012}^{(21)} + m_{100}^{(10)} m_{110}^{(21)} m_{111}^{(22)} + m_{100}^{(10)} m_{110}^{(21)} m_{102}^{(21)} - 2m_{100}^{(10)} m_{110}^{(21)} m_{003}^{(10)} \\
&- m_{100}^{(10)} m_{110}^{(22)} m_{111}^{(21)} - m_{100}^{(10)} m_{110}^{(22)} m_{021}^{(20)} + 2m_{100}^{(10)} m_{110}^{(22)} m_{012}^{(10)} + m_{100}^{(10)} m_{101}^{(10)} m_{021}^{(22)} \\
&- m_{100}^{(10)} m_{101}^{(10)} m_{012}^{(21)} + m_{100}^{(10)} m_{101}^{(11)} m_{111}^{(22)} - m_{100}^{(10)} m_{101}^{(11)} m_{012}^{(20)} - m_{100}^{(10)} m_{101}^{(20)} m_{030}^{(22)} \\
&+ m_{100}^{(10)} m_{101}^{(20)} m_{021}^{(21)} - m_{100}^{(10)} m_{101}^{(21)} m_{120}^{(22)} - m_{100}^{(10)} m_{101}^{(21)} m_{111}^{(21)} + 2m_{100}^{(10)} m_{101}^{(21)} m_{012}^{(10)} \\
&+ m_{100}^{(10)} m_{101}^{(22)} m_{120}^{(21)} + m_{100}^{(10)} m_{101}^{(22)} m_{030}^{(20)} - 2m_{100}^{(10)} m_{101}^{(22)} m_{021}^{(10)} + m_{100}^{(10)} m_{020}^{(00)} m_{012}^{(22)} \\
&- m_{100}^{(10)} m_{020}^{(00)} m_{003}^{(21)} + m_{100}^{(10)} m_{020}^{(10)} m_{102}^{(22)} - m_{100}^{(10)} m_{020}^{(10)} m_{003}^{(20)} - m_{100}^{(10)} m_{020}^{(20)} m_{111}^{(22)} \\
&- m_{100}^{(10)} m_{020}^{(20)} m_{012}^{(20)} + 2m_{100}^{(10)} m_{020}^{(20)} m_{003}^{(10)} - m_{100}^{(10)} m_{020}^{(21)} m_{201}^{(22)} + m_{100}^{(10)} m_{020}^{(21)} m_{102}^{(20)} \\
&+ m_{100}^{(10)} m_{020}^{(22)} m_{201}^{(21)} + m_{100}^{(10)} m_{020}^{(22)} m_{111}^{(20)} - 2m_{100}^{(10)} m_{020}^{(22)} m_{102}^{(10)} - 2m_{100}^{(10)} m_{011}^{(00)} m_{021}^{(22)} \\
&+ 2m_{100}^{(10)} m_{011}^{(00)} m_{012}^{(21)} - m_{100}^{(10)} m_{011}^{(10)} m_{111}^{(22)} - m_{100}^{(10)} m_{011}^{(10)} m_{102}^{(21)} + 2m_{100}^{(10)} m_{011}^{(10)} m_{012}^{(20)} \\
&+ m_{100}^{(10)} m_{011}^{(11)} m_{201}^{(22)} - m_{100}^{(10)} m_{011}^{(11)} m_{102}^{(20)} + m_{100}^{(10)} m_{011}^{(20)} m_{120}^{(22)} + m_{100}^{(10)} m_{011}^{(20)} m_{111}^{(21)} \\
&+ 2m_{100}^{(10)} m_{011}^{(20)} m_{021}^{(20)} - 4m_{100}^{(10)} m_{011}^{(20)} m_{012}^{(10)} + m_{100}^{(10)} m_{011}^{(21)} m_{210}^{(22)} - m_{100}^{(10)} m_{011}^{(21)} m_{201}^{(21)} \\
&- 2m_{100}^{(10)} m_{011}^{(21)} m_{111}^{(20)} + 2m_{100}^{(10)} m_{011}^{(21)} m_{102}^{(10)} - m_{100}^{(10)} m_{011}^{(22)} m_{210}^{(21)} - m_{100}^{(10)} m_{011}^{(22)} m_{120}^{(20)} \\
&+ 2m_{100}^{(10)} m_{011}^{(22)} m_{111}^{(10)} + m_{100}^{(10)} m_{002}^{(00)} m_{030}^{(22)} - m_{100}^{(10)} m_{002}^{(00)} m_{021}^{(21)} + m_{100}^{(10)} m_{002}^{(10)} m_{111}^{(21)} \\
&- m_{100}^{(10)} m_{002}^{(10)} m_{021}^{(20)} - m_{100}^{(10)} m_{002}^{(11)} m_{210}^{(22)} + m_{100}^{(10)} m_{002}^{(11)} m_{111}^{(20)} - m_{100}^{(10)} m_{002}^{(20)} m_{120}^{(21)} \\
&- m_{100}^{(10)} m_{002}^{(20)} m_{030}^{(20)} + 2m_{100}^{(10)} m_{002}^{(20)} m_{021}^{(10)} + m_{100}^{(10)} m_{002}^{(21)} m_{210}^{(21)} + m_{100}^{(10)} m_{002}^{(21)} m_{120}^{(20)} \\
&- 2m_{100}^{(10)} m_{002}^{(21)} m_{111}^{(10)} + m_{100}^{(11)} m_{110}^{(10)} m_{102}^{(22)} - m_{100}^{(11)} m_{110}^{(10)} m_{003}^{(20)} - m_{100}^{(11)} m_{110}^{(20)} m_{111}^{(22)} \\
&+ m_{100}^{(11)} m_{110}^{(20)} m_{012}^{(20)} - m_{100}^{(11)} m_{110}^{(21)} m_{102}^{(20)} + m_{100}^{(11)} m_{110}^{(21)} m_{003}^{(00)} + m_{100}^{(11)} m_{110}^{(22)} m_{111}^{(20)}
\end{aligned}
$$

$$
\begin{aligned}
&-m_{100}^{(11)}m_{110}^{(22)}m_{012}^{(00)} - m_{100}^{(11)}m_{101}^{(10)}m_{111}^{(22)} + m_{100}^{(11)}m_{101}^{(10)}m_{012}^{(20)} + m_{100}^{(11)}m_{101}^{(20)}m_{120}^{(22)}\\
&-m_{100}^{(11)}m_{101}^{(20)}m_{021}^{(20)} + m_{100}^{(11)}m_{101}^{(21)}m_{111}^{(20)} - m_{100}^{(11)}m_{101}^{(21)}m_{012}^{(00)} - m_{100}^{(11)}m_{101}^{(22)}m_{120}^{(20)}\\
&+m_{100}^{(11)}m_{101}^{(22)}m_{021}^{(00)} - m_{100}^{(11)}m_{020}^{(00)}m_{102}^{(22)} + m_{100}^{(11)}m_{020}^{(00)}m_{003}^{(20)} + m_{100}^{(11)}m_{020}^{(20)}m_{201}^{(22)}\\
&-m_{100}^{(11)}m_{020}^{(20)}m_{003}^{(00)} - m_{100}^{(11)}m_{020}^{(22)}m_{201}^{(20)} + m_{100}^{(11)}m_{020}^{(22)}m_{102}^{(00)} + 2m_{100}^{(11)}m_{011}^{(00)}m_{111}^{(22)}\\
&-2m_{100}^{(11)}m_{011}^{(00)}m_{012}^{(20)} - m_{100}^{(11)}m_{011}^{(10)}m_{201}^{(22)} + m_{100}^{(11)}m_{011}^{(10)}m_{102}^{(20)} - m_{100}^{(11)}m_{011}^{(20)}m_{210}^{(22)}\\
&-m_{100}^{(11)}m_{011}^{(20)}m_{111}^{(20)} + 2m_{100}^{(11)}m_{011}^{(20)}m_{012}^{(00)} + m_{100}^{(11)}m_{011}^{(21)}m_{201}^{(20)} - m_{100}^{(11)}m_{011}^{(21)}m_{102}^{(00)}\\
&+m_{100}^{(11)}m_{011}^{(22)}m_{210}^{(20)} - m_{100}^{(11)}m_{011}^{(22)}m_{111}^{(00)} - m_{100}^{(11)}m_{002}^{(00)}m_{120}^{(22)} + m_{100}^{(11)}m_{002}^{(00)}m_{021}^{(20)}\\
&+m_{100}^{(11)}m_{002}^{(10)}m_{210}^{(22)} - m_{100}^{(11)}m_{002}^{(10)}m_{111}^{(20)} + m_{100}^{(11)}m_{002}^{(20)}m_{120}^{(20)} - m_{100}^{(11)}m_{002}^{(20)}m_{021}^{(00)}\\
&-m_{100}^{(11)}m_{002}^{(21)}m_{210}^{(20)} + m_{100}^{(11)}m_{002}^{(21)}m_{111}^{(00)} + m_{100}^{(20)}m_{110}^{(10)}m_{012}^{(21)} - m_{100}^{(20)}m_{110}^{(10)}m_{003}^{(11)}\\
&+m_{100}^{(20)}m_{110}^{(11)}m_{102}^{(21)} - 2m_{100}^{(20)}m_{110}^{(11)}m_{012}^{(20)} + m_{100}^{(20)}m_{110}^{(11)}m_{003}^{(10)} - m_{100}^{(20)}m_{110}^{(20)}m_{021}^{(21)}\\
&+m_{100}^{(20)}m_{110}^{(20)}m_{012}^{(11)} - m_{100}^{(20)}m_{110}^{(21)}m_{111}^{(21)} - m_{100}^{(20)}m_{110}^{(21)}m_{102}^{(11)} + 2m_{100}^{(20)}m_{110}^{(21)}m_{021}^{(20)}\\
&+m_{100}^{(20)}m_{110}^{(22)}m_{111}^{(11)} - m_{100}^{(20)}m_{110}^{(22)}m_{021}^{(10)} - m_{100}^{(20)}m_{101}^{(10)}m_{021}^{(21)} + m_{100}^{(20)}m_{101}^{(10)}m_{012}^{(11)}\\
&-m_{100}^{(20)}m_{101}^{(11)}m_{111}^{(21)} + 2m_{100}^{(20)}m_{101}^{(11)}m_{021}^{(20)} - m_{100}^{(20)}m_{101}^{(11)}m_{012}^{(10)} + m_{100}^{(20)}m_{101}^{(20)}m_{030}^{(21)}\\
&-m_{100}^{(20)}m_{101}^{(20)}m_{021}^{(11)} + m_{100}^{(20)}m_{101}^{(21)}m_{120}^{(21)} + m_{100}^{(20)}m_{101}^{(21)}m_{111}^{(11)} - 2m_{100}^{(20)}m_{101}^{(21)}m_{030}^{(20)}\\
&-m_{100}^{(20)}m_{101}^{(22)}m_{120}^{(11)} + m_{100}^{(20)}m_{101}^{(22)}m_{030}^{(10)} - m_{100}^{(20)}m_{020}^{(00)}m_{012}^{(21)} + m_{100}^{(20)}m_{020}^{(00)}m_{003}^{(11)}\\
&-m_{100}^{(20)}m_{020}^{(10)}m_{102}^{(21)} + 2m_{100}^{(20)}m_{020}^{(10)}m_{012}^{(20)} - m_{100}^{(20)}m_{020}^{(10)}m_{003}^{(10)} + m_{100}^{(20)}m_{020}^{(20)}m_{111}^{(21)}\\
&-m_{100}^{(20)}m_{020}^{(20)}m_{012}^{(10)} + m_{100}^{(20)}m_{020}^{(21)}m_{201}^{(21)} - 2m_{100}^{(20)}m_{020}^{(21)}m_{111}^{(20)} + m_{100}^{(20)}m_{020}^{(21)}m_{102}^{(10)}\\
&-m_{100}^{(20)}m_{020}^{(22)}m_{201}^{(11)} + m_{100}^{(20)}m_{020}^{(22)}m_{111}^{(10)} + 2m_{100}^{(20)}m_{011}^{(00)}m_{021}^{(21)} - 2m_{100}^{(20)}m_{011}^{(00)}m_{012}^{(11)}\\
&+m_{100}^{(20)}m_{011}^{(10)}m_{111}^{(21)} + m_{100}^{(20)}m_{011}^{(10)}m_{102}^{(11)} - 4m_{100}^{(20)}m_{011}^{(10)}m_{021}^{(20)} + 2m_{100}^{(20)}m_{011}^{(10)}m_{012}^{(10)}\\
&-m_{100}^{(20)}m_{011}^{(11)}m_{201}^{(21)} + 2m_{100}^{(20)}m_{011}^{(11)}m_{111}^{(20)} - m_{100}^{(20)}m_{011}^{(11)}m_{102}^{(10)} - m_{100}^{(20)}m_{011}^{(20)}m_{120}^{(21)}\\
&-m_{100}^{(20)}m_{011}^{(20)}m_{111}^{(11)} + 2m_{100}^{(20)}m_{011}^{(20)}m_{021}^{(10)} - m_{100}^{(20)}m_{011}^{(21)}m_{210}^{(21)} + m_{100}^{(20)}m_{011}^{(21)}m_{201}^{(11)}\\
&+2m_{100}^{(20)}m_{011}^{(21)}m_{120}^{(20)} - 2m_{100}^{(20)}m_{011}^{(21)}m_{111}^{(10)} + m_{100}^{(20)}m_{011}^{(22)}m_{210}^{(11)} - m_{100}^{(20)}m_{011}^{(22)}m_{120}^{(10)}\\
&-m_{100}^{(20)}m_{002}^{(00)}m_{030}^{(21)} + m_{100}^{(20)}m_{002}^{(00)}m_{021}^{(11)} - m_{100}^{(20)}m_{002}^{(10)}m_{111}^{(11)} + 2m_{100}^{(20)}m_{002}^{(10)}m_{030}^{(20)}\\
&-m_{100}^{(20)}m_{002}^{(10)}m_{021}^{(10)} + m_{100}^{(20)}m_{002}^{(11)}m_{210}^{(21)} - 2m_{100}^{(20)}m_{002}^{(11)}m_{120}^{(20)} + m_{100}^{(20)}m_{002}^{(11)}m_{111}^{(10)}\\
&+m_{100}^{(20)}m_{002}^{(20)}m_{120}^{(11)} - m_{100}^{(20)}m_{002}^{(20)}m_{030}^{(10)} - m_{100}^{(20)}m_{002}^{(21)}m_{210}^{(11)} + m_{100}^{(20)}m_{002}^{(21)}m_{120}^{(10)}\\
&-2m_{100}^{(21)}m_{110}^{(10)}m_{102}^{(21)} + m_{100}^{(21)}m_{110}^{(10)}m_{012}^{(20)} + m_{100}^{(21)}m_{110}^{(10)}m_{003}^{(10)} + m_{100}^{(21)}m_{110}^{(11)}m_{102}^{(20)}\\
&-m_{100}^{(21)}m_{110}^{(11)}m_{003}^{(00)} + 2m_{100}^{(21)}m_{110}^{(20)}m_{111}^{(21)} - m_{100}^{(21)}m_{110}^{(20)}m_{021}^{(20)} - m_{100}^{(21)}m_{110}^{(20)}m_{012}^{(10)}\\
&-m_{100}^{(21)}m_{110}^{(21)}m_{111}^{(20)} + m_{100}^{(21)}m_{110}^{(21)}m_{102}^{(10)} - m_{100}^{(21)}m_{110}^{(22)}m_{111}^{(10)} + m_{100}^{(21)}m_{110}^{(22)}m_{021}^{(00)}\\
&+2m_{100}^{(21)}m_{101}^{(10)}m_{111}^{(21)} - m_{100}^{(21)}m_{101}^{(10)}m_{021}^{(20)} - m_{100}^{(21)}m_{101}^{(10)}m_{012}^{(10)} - m_{100}^{(21)}m_{101}^{(11)}m_{111}^{(20)}\\
&+m_{100}^{(21)}m_{101}^{(11)}m_{012}^{(00)} - 2m_{100}^{(21)}m_{101}^{(20)}m_{120}^{(21)} + m_{100}^{(21)}m_{101}^{(20)}m_{030}^{(20)} + m_{100}^{(21)}m_{101}^{(20)}m_{021}^{(10)}\\
&+m_{100}^{(21)}m_{101}^{(21)}m_{120}^{(20)} - m_{100}^{(21)}m_{101}^{(21)}m_{111}^{(10)} + m_{100}^{(21)}m_{101}^{(22)}m_{120}^{(10)} - m_{100}^{(21)}m_{101}^{(22)}m_{030}^{(00)}\\
&+2m_{100}^{(21)}m_{020}^{(00)}m_{102}^{(21)} - m_{100}^{(21)}m_{020}^{(00)}m_{012}^{(20)} - m_{100}^{(21)}m_{020}^{(00)}m_{003}^{(10)} - m_{100}^{(21)}m_{020}^{(10)}m_{102}^{(20)}\\
&+m_{100}^{(21)}m_{020}^{(10)}m_{003}^{(00)} - 2m_{100}^{(21)}m_{020}^{(20)}m_{201}^{(21)} + m_{100}^{(21)}m_{020}^{(20)}m_{111}^{(20)} + m_{100}^{(21)}m_{020}^{(20)}m_{012}^{(00)}\\
&+m_{100}^{(21)}m_{020}^{(21)}m_{201}^{(20)} - m_{100}^{(21)}m_{020}^{(21)}m_{102}^{(00)} + m_{100}^{(21)}m_{020}^{(22)}m_{201}^{(10)} - m_{100}^{(21)}m_{020}^{(22)}m_{111}^{(00)}\\
&-4m_{100}^{(21)}m_{011}^{(00)}m_{111}^{(21)} + 2m_{100}^{(21)}m_{011}^{(00)}m_{021}^{(20)} + 2m_{100}^{(21)}m_{011}^{(00)}m_{012}^{(10)} + 2m_{100}^{(21)}m_{011}^{(10)}m_{201}^{(21)}\\
&+m_{100}^{(21)}m_{011}^{(10)}m_{111}^{(20)} - m_{100}^{(21)}m_{011}^{(10)}m_{102}^{(10)} - 2m_{100}^{(21)}m_{011}^{(10)}m_{012}^{(00)} - m_{100}^{(21)}m_{011}^{(11)}m_{201}^{(20)}\\
&+m_{100}^{(21)}m_{011}^{(11)}m_{102}^{(00)} + 2m_{100}^{(21)}m_{011}^{(20)}m_{210}^{(21)} - m_{100}^{(21)}m_{011}^{(20)}m_{120}^{(20)} + m_{100}^{(21)}m_{011}^{(20)}m_{111}^{(10)}\\
&-2m_{100}^{(21)}m_{011}^{(20)}m_{021}^{(00)} - m_{100}^{(21)}m_{011}^{(21)}m_{210}^{(20)} - m_{100}^{(21)}m_{011}^{(21)}m_{201}^{(10)} + 2m_{100}^{(21)}m_{011}^{(21)}m_{111}^{(00)}
\end{aligned}
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\begin{aligned}
&-m_{100}^{(21)}m_{011}^{(22)}m_{210}^{(10)} + m_{100}^{(21)}m_{011}^{(22)}m_{120}^{(00)} + 2m_{100}^{(21)}m_{002}^{(00)}m_{120}^{(21)} - m_{100}^{(21)}m_{002}^{(00)}m_{030}^{(20)}\\
&-m_{100}^{(21)}m_{002}^{(00)}m_{021}^{(10)} - 2m_{100}^{(21)}m_{002}^{(10)}m_{210}^{(21)} + m_{100}^{(21)}m_{002}^{(10)}m_{111}^{(10)} + m_{100}^{(21)}m_{002}^{(10)}m_{021}^{(00)}\\
&+m_{100}^{(21)}m_{002}^{(11)}m_{210}^{(20)} - m_{100}^{(21)}m_{002}^{(11)}m_{111}^{(00)} - m_{100}^{(21)}m_{002}^{(20)}m_{120}^{(10)} + m_{100}^{(21)}m_{002}^{(20)}m_{030}^{(00)}\\
&+m_{100}^{(21)}m_{002}^{(21)}m_{210}^{(10)} - m_{100}^{(21)}m_{002}^{(21)}m_{120}^{(00)} + m_{100}^{(22)}m_{110}^{(10)}m_{102}^{(11)} - m_{100}^{(22)}m_{110}^{(10)}m_{012}^{(10)}\\
&-m_{100}^{(22)}m_{110}^{(11)}m_{102}^{(10)} + m_{100}^{(22)}m_{110}^{(11)}m_{012}^{(00)} - m_{100}^{(22)}m_{110}^{(20)}m_{111}^{(11)} + m_{100}^{(22)}m_{110}^{(20)}m_{021}^{(10)}\\
&+m_{100}^{(22)}m_{110}^{(21)}m_{111}^{(10)} - m_{100}^{(22)}m_{110}^{(21)}m_{021}^{(00)} - m_{100}^{(22)}m_{101}^{(10)}m_{111}^{(11)} + m_{100}^{(22)}m_{101}^{(10)}m_{021}^{(10)}\\
&+m_{100}^{(22)}m_{101}^{(11)}m_{111}^{(10)} - m_{100}^{(22)}m_{101}^{(11)}m_{021}^{(00)} + m_{100}^{(22)}m_{101}^{(20)}m_{120}^{(11)} - m_{100}^{(22)}m_{101}^{(20)}m_{030}^{(10)}\\
&-m_{100}^{(22)}m_{101}^{(21)}m_{120}^{(10)} + m_{100}^{(22)}m_{101}^{(21)}m_{030}^{(00)} - m_{100}^{(22)}m_{020}^{(00)}m_{102}^{(11)} + m_{100}^{(22)}m_{020}^{(00)}m_{012}^{(10)}\\
&+m_{100}^{(22)}m_{020}^{(10)}m_{102}^{(10)} - m_{100}^{(22)}m_{020}^{(10)}m_{012}^{(00)} + m_{100}^{(22)}m_{020}^{(20)}m_{201}^{(11)} - m_{100}^{(22)}m_{020}^{(20)}m_{111}^{(10)}\\
&-m_{100}^{(22)}m_{020}^{(21)}m_{201}^{(10)} + m_{100}^{(22)}m_{020}^{(21)}m_{111}^{(00)} + 2m_{100}^{(22)}m_{011}^{(00)}m_{111}^{(11)} - 2m_{100}^{(22)}m_{011}^{(00)}m_{021}^{(10)}\\
&-m_{100}^{(22)}m_{011}^{(10)}m_{201}^{(11)} - m_{100}^{(22)}m_{011}^{(10)}m_{111}^{(10)} + 2m_{100}^{(22)}m_{011}^{(10)}m_{021}^{(00)} + m_{100}^{(22)}m_{011}^{(11)}m_{201}^{(10)}\\
&-m_{100}^{(22)}m_{011}^{(11)}m_{111}^{(00)} - m_{100}^{(22)}m_{011}^{(20)}m_{210}^{(11)} + m_{100}^{(22)}m_{011}^{(20)}m_{120}^{(10)} + m_{100}^{(22)}m_{011}^{(21)}m_{210}^{(10)}\\
&-m_{100}^{(22)}m_{011}^{(21)}m_{120}^{(00)} - m_{100}^{(22)}m_{002}^{(00)}m_{120}^{(11)} + m_{100}^{(22)}m_{002}^{(00)}m_{030}^{(10)} + m_{100}^{(22)}m_{002}^{(10)}m_{210}^{(11)}\\
&-m_{100}^{(22)}m_{002}^{(10)}m_{030}^{(00)} - m_{100}^{(22)}m_{002}^{(11)}m_{210}^{(10)} + m_{100}^{(22)}m_{002}^{(11)}m_{120}^{(00)} - m_{010}^{(00)}m_{200}^{(11)}m_{012}^{(22)}\\
&+m_{010}^{(00)}m_{200}^{(11)}m_{003}^{(21)} + m_{010}^{(00)}m_{200}^{(21)}m_{021}^{(22)} - m_{010}^{(00)}m_{200}^{(21)}m_{003}^{(11)} - m_{010}^{(00)}m_{200}^{(22)}m_{021}^{(21)}\\
&+m_{010}^{(00)}m_{200}^{(22)}m_{012}^{(11)} + m_{010}^{(00)}m_{110}^{(10)}m_{012}^{(22)} - m_{010}^{(00)}m_{110}^{(10)}m_{003}^{(21)} - m_{010}^{(00)}m_{110}^{(20)}m_{012}^{(21)}\\
&+m_{010}^{(00)}m_{110}^{(20)}m_{003}^{(11)} - m_{010}^{(00)}m_{110}^{(21)}m_{111}^{(22)} + m_{010}^{(00)}m_{110}^{(21)}m_{102}^{(21)} + m_{010}^{(00)}m_{110}^{(22)}m_{111}^{(21)}\\
&-m_{010}^{(00)}m_{110}^{(22)}m_{102}^{(11)} - m_{010}^{(00)}m_{101}^{(10)}m_{021}^{(22)} + m_{010}^{(00)}m_{101}^{(10)}m_{012}^{(21)} + 2m_{010}^{(00)}m_{101}^{(11)}m_{111}^{(22)}\\
&-2m_{010}^{(00)}m_{101}^{(11)}m_{102}^{(21)} + m_{010}^{(00)}m_{101}^{(20)}m_{021}^{(21)} - m_{010}^{(00)}m_{101}^{(20)}m_{012}^{(11)} - m_{010}^{(00)}m_{101}^{(21)}m_{120}^{(22)}\\
&-m_{010}^{(00)}m_{101}^{(21)}m_{111}^{(21)} + 2m_{010}^{(00)}m_{101}^{(21)}m_{102}^{(11)} + m_{010}^{(00)}m_{101}^{(22)}m_{120}^{(21)} - m_{010}^{(00)}m_{101}^{(22)}m_{111}^{(11)}\\
&-m_{010}^{(00)}m_{011}^{(10)}m_{111}^{(22)} + m_{010}^{(00)}m_{011}^{(10)}m_{102}^{(21)} + m_{010}^{(00)}m_{011}^{(20)}m_{111}^{(21)} - m_{010}^{(00)}m_{011}^{(20)}m_{102}^{(11)}\\
&+m_{010}^{(00)}m_{011}^{(21)}m_{210}^{(22)} - m_{010}^{(00)}m_{011}^{(21)}m_{201}^{(21)} - m_{010}^{(00)}m_{011}^{(22)}m_{210}^{(21)} + m_{010}^{(00)}m_{011}^{(22)}m_{201}^{(11)}\\
&+m_{010}^{(00)}m_{002}^{(10)}m_{120}^{(22)} - m_{010}^{(00)}m_{002}^{(10)}m_{111}^{(21)} - m_{010}^{(00)}m_{002}^{(11)}m_{210}^{(22)} + m_{010}^{(00)}m_{002}^{(11)}m_{201}^{(21)}\\
&-m_{010}^{(00)}m_{002}^{(20)}m_{120}^{(21)} + m_{010}^{(00)}m_{002}^{(20)}m_{111}^{(11)} + m_{010}^{(00)}m_{002}^{(21)}m_{210}^{(21)} - m_{010}^{(00)}m_{002}^{(21)}m_{201}^{(11)}\\
&+m_{010}^{(10)}m_{200}^{(10)}m_{012}^{(22)} - m_{010}^{(10)}m_{200}^{(10)}m_{003}^{(21)} + m_{010}^{(10)}m_{200}^{(11)}m_{102}^{(22)} - m_{010}^{(10)}m_{200}^{(11)}m_{003}^{(20)}\\
&-m_{010}^{(10)}m_{200}^{(20)}m_{021}^{(22)} + m_{010}^{(10)}m_{200}^{(20)}m_{012}^{(21)} - m_{010}^{(10)}m_{200}^{(21)}m_{111}^{(22)} - m_{010}^{(10)}m_{200}^{(21)}m_{102}^{(21)}\\
&+2m_{010}^{(10)}m_{200}^{(21)}m_{003}^{(10)} + m_{010}^{(10)}m_{200}^{(22)}m_{111}^{(21)} + m_{010}^{(10)}m_{200}^{(22)}m_{021}^{(20)} - 2m_{010}^{(10)}m_{200}^{(22)}m_{012}^{(10)}\\
&-m_{010}^{(10)}m_{110}^{(00)}m_{012}^{(22)} + m_{010}^{(10)}m_{110}^{(00)}m_{003}^{(21)} - m_{010}^{(10)}m_{110}^{(10)}m_{102}^{(22)} + m_{010}^{(10)}m_{110}^{(10)}m_{003}^{(20)}\\
&+m_{010}^{(10)}m_{110}^{(20)}m_{111}^{(22)} + m_{010}^{(10)}m_{110}^{(20)}m_{012}^{(20)} - 2m_{010}^{(10)}m_{110}^{(20)}m_{003}^{(10)} + m_{010}^{(10)}m_{110}^{(21)}m_{201}^{(22)}\\
&-m_{010}^{(10)}m_{110}^{(21)}m_{102}^{(20)} - m_{010}^{(10)}m_{110}^{(22)}m_{201}^{(21)} - m_{010}^{(10)}m_{110}^{(22)}m_{111}^{(20)} + 2m_{010}^{(10)}m_{110}^{(22)}m_{102}^{(10)}\\
&+m_{010}^{(10)}m_{101}^{(00)}m_{021}^{(22)} - m_{010}^{(10)}m_{101}^{(00)}m_{012}^{(21)} - m_{010}^{(10)}m_{101}^{(10)}m_{111}^{(22)} + 2m_{010}^{(10)}m_{101}^{(10)}m_{102}^{(21)}\\
&-m_{010}^{(10)}m_{101}^{(10)}m_{012}^{(20)} - 2m_{010}^{(10)}m_{101}^{(11)}m_{201}^{(22)} + 2m_{010}^{(10)}m_{101}^{(11)}m_{102}^{(20)} + m_{010}^{(10)}m_{101}^{(20)}m_{120}^{(22)}\\
&-2m_{010}^{(10)}m_{101}^{(20)}m_{111}^{(21)} - m_{010}^{(10)}m_{101}^{(20)}m_{021}^{(20)} + 2m_{010}^{(10)}m_{101}^{(20)}m_{012}^{(10)} + m_{010}^{(10)}m_{101}^{(21)}m_{210}^{(22)}\\
&+2m_{010}^{(10)}m_{101}^{(21)}m_{201}^{(21)} + m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(20)} - 4m_{010}^{(10)}m_{101}^{(21)}m_{102}^{(10)} - m_{010}^{(10)}m_{101}^{(22)}m_{210}^{(21)}\\
&-m_{010}^{(10)}m_{101}^{(22)}m_{120}^{(20)} + 2m_{010}^{(10)}m_{101}^{(22)}m_{111}^{(10)} + m_{010}^{(10)}m_{011}^{(00)}m_{111}^{(22)} - m_{010}^{(10)}m_{011}^{(00)}m_{102}^{(21)}\\
&+m_{010}^{(10)}m_{011}^{(10)}m_{201}^{(22)} - m_{010}^{(10)}m_{011}^{(10)}m_{102}^{(20)} - m_{010}^{(10)}m_{011}^{(20)}m_{210}^{(22)} - m_{010}^{(10)}m_{011}^{(20)}m_{111}^{(20)}\\
&+2m_{010}^{(10)}m_{011}^{(20)}m_{102}^{(10)} - m_{010}^{(10)}m_{011}^{(21)}m_{300}^{(22)} + m_{010}^{(10)}m_{011}^{(21)}m_{201}^{(20)} + m_{010}^{(10)}m_{011}^{(22)}m_{300}^{(21)}\\
&+m_{010}^{(10)}m_{011}^{(22)}m_{210}^{(20)} - 2m_{010}^{(10)}m_{011}^{(22)}m_{201}^{(10)} - m_{010}^{(10)}m_{002}^{(00)}m_{120}^{(22)} + m_{010}^{(10)}m_{002}^{(00)}m_{111}^{(21)}
\end{aligned}
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\begin{aligned}
&-m_{010}^{(10)}m_{002}^{(10)}m_{201}^{(21)}+m_{010}^{(10)}m_{002}^{(10)}m_{111}^{(20)}+m_{010}^{(10)}m_{002}^{(11)}m_{300}^{(22)}-m_{010}^{(10)}m_{002}^{(11)}m_{201}^{(20)}\\
&+m_{010}^{(10)}m_{002}^{(20)}m_{210}^{(21)}+m_{010}^{(10)}m_{002}^{(20)}m_{120}^{(20)}-2m_{010}^{(10)}m_{002}^{(20)}m_{111}^{(10)}-m_{010}^{(10)}m_{002}^{(21)}m_{300}^{(21)}\\
&-m_{010}^{(10)}m_{002}^{(21)}m_{210}^{(20)}+2m_{010}^{(10)}m_{002}^{(21)}m_{201}^{(10)}-m_{010}^{(11)}m_{200}^{(10)}m_{102}^{(22)}+m_{010}^{(11)}m_{200}^{(10)}m_{003}^{(20)}\\
&+m_{010}^{(11)}m_{200}^{(20)}m_{111}^{(22)}-m_{010}^{(11)}m_{200}^{(20)}m_{012}^{(20)}+m_{010}^{(11)}m_{200}^{(21)}m_{102}^{(20)}-m_{010}^{(11)}m_{200}^{(21)}m_{003}^{(00)}\\
&-m_{010}^{(11)}m_{200}^{(22)}m_{111}^{(20)}+m_{010}^{(11)}m_{200}^{(22)}m_{012}^{(00)}+m_{010}^{(11)}m_{110}^{(00)}m_{102}^{(22)}-m_{010}^{(11)}m_{110}^{(00)}m_{003}^{(20)}\\
&-m_{010}^{(11)}m_{110}^{(20)}m_{201}^{(22)}+m_{010}^{(11)}m_{110}^{(20)}m_{003}^{(00)}+m_{010}^{(11)}m_{110}^{(22)}m_{201}^{(20)}-m_{010}^{(11)}m_{110}^{(22)}m_{102}^{(00)}\\
&-m_{010}^{(11)}m_{101}^{(00)}m_{111}^{(22)}+m_{010}^{(11)}m_{101}^{(00)}m_{012}^{(20)}+2m_{010}^{(11)}m_{101}^{(10)}m_{201}^{(22)}-2m_{010}^{(11)}m_{101}^{(10)}m_{102}^{(20)}\\
&-m_{010}^{(11)}m_{101}^{(20)}m_{210}^{(22)}+2m_{010}^{(11)}m_{101}^{(20)}m_{111}^{(20)}-m_{010}^{(11)}m_{101}^{(20)}m_{012}^{(00)}-2m_{010}^{(11)}m_{101}^{(21)}m_{201}^{(20)}\\
&+2m_{010}^{(11)}m_{101}^{(21)}m_{102}^{(00)}+m_{010}^{(11)}m_{101}^{(22)}m_{210}^{(20)}-m_{010}^{(11)}m_{101}^{(22)}m_{111}^{(00)}-m_{010}^{(11)}m_{011}^{(00)}m_{201}^{(22)}\\
&+m_{010}^{(11)}m_{011}^{(00)}m_{102}^{(20)}+m_{010}^{(11)}m_{011}^{(20)}m_{300}^{(22)}-m_{010}^{(11)}m_{011}^{(20)}m_{102}^{(00)}-m_{010}^{(11)}m_{011}^{(22)}m_{300}^{(20)}\\
&+m_{010}^{(11)}m_{011}^{(22)}m_{201}^{(00)}+m_{010}^{(11)}m_{002}^{(00)}m_{210}^{(22)}-m_{010}^{(11)}m_{002}^{(00)}m_{111}^{(20)}-m_{010}^{(11)}m_{002}^{(10)}m_{300}^{(22)}\\
&+m_{010}^{(11)}m_{002}^{(10)}m_{201}^{(20)}-m_{010}^{(11)}m_{002}^{(20)}m_{210}^{(20)}+m_{010}^{(11)}m_{002}^{(20)}m_{111}^{(00)}+m_{010}^{(11)}m_{002}^{(21)}m_{300}^{(20)}\\
&-m_{010}^{(11)}m_{002}^{(21)}m_{201}^{(00)}-m_{010}^{(20)}m_{200}^{(10)}m_{012}^{(21)}+m_{010}^{(20)}m_{200}^{(10)}m_{003}^{(11)}-m_{010}^{(20)}m_{200}^{(11)}m_{102}^{(21)}\\
&+2m_{010}^{(20)}m_{200}^{(11)}m_{012}^{(20)}-m_{010}^{(20)}m_{200}^{(11)}m_{003}^{(10)}+m_{010}^{(20)}m_{200}^{(20)}m_{021}^{(21)}-m_{010}^{(20)}m_{200}^{(20)}m_{012}^{(11)}\\
&+m_{010}^{(20)}m_{200}^{(21)}m_{111}^{(21)}+m_{010}^{(20)}m_{200}^{(21)}m_{102}^{(11)}-2m_{010}^{(20)}m_{200}^{(21)}m_{021}^{(20)}-m_{010}^{(20)}m_{200}^{(22)}m_{111}^{(11)}\\
&+m_{010}^{(20)}m_{200}^{(22)}m_{021}^{(10)}+m_{010}^{(20)}m_{110}^{(00)}m_{012}^{(21)}-m_{010}^{(20)}m_{110}^{(00)}m_{003}^{(11)}+m_{010}^{(20)}m_{110}^{(10)}m_{102}^{(21)}\\
&-2m_{010}^{(20)}m_{110}^{(10)}m_{012}^{(20)}+m_{010}^{(20)}m_{110}^{(10)}m_{003}^{(10)}-m_{010}^{(20)}m_{110}^{(20)}m_{111}^{(21)}+m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(10)}\\
&-m_{010}^{(20)}m_{110}^{(21)}m_{201}^{(21)}+2m_{010}^{(20)}m_{110}^{(21)}m_{111}^{(20)}-m_{010}^{(20)}m_{110}^{(21)}m_{102}^{(10)}+m_{010}^{(20)}m_{110}^{(22)}m_{201}^{(11)}\\
&-m_{010}^{(20)}m_{110}^{(22)}m_{111}^{(10)}-m_{010}^{(20)}m_{101}^{(00)}m_{021}^{(21)}+m_{010}^{(20)}m_{101}^{(00)}m_{012}^{(11)}+m_{010}^{(20)}m_{101}^{(10)}m_{111}^{(21)}\\
&-2m_{010}^{(20)}m_{101}^{(10)}m_{102}^{(11)}+2m_{010}^{(20)}m_{101}^{(10)}m_{021}^{(20)}-m_{010}^{(20)}m_{101}^{(10)}m_{012}^{(10)}+2m_{010}^{(20)}m_{101}^{(11)}m_{201}^{(21)}\\
&-4m_{010}^{(20)}m_{101}^{(11)}m_{111}^{(20)}+2m_{010}^{(20)}m_{101}^{(11)}m_{102}^{(10)}-m_{010}^{(20)}m_{101}^{(20)}m_{120}^{(21)}+2m_{010}^{(20)}m_{101}^{(20)}m_{111}^{(11)}\\
&-m_{010}^{(20)}m_{101}^{(20)}m_{021}^{(10)}-m_{010}^{(20)}m_{101}^{(21)}m_{210}^{(21)}-2m_{010}^{(20)}m_{101}^{(21)}m_{201}^{(11)}+2m_{010}^{(20)}m_{101}^{(21)}m_{120}^{(20)}\\
&+m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(10)}+m_{010}^{(20)}m_{101}^{(22)}m_{210}^{(11)}-m_{010}^{(20)}m_{101}^{(22)}m_{120}^{(10)}-m_{010}^{(20)}m_{011}^{(00)}m_{111}^{(21)}\\
&+m_{010}^{(20)}m_{011}^{(00)}m_{102}^{(11)}-m_{010}^{(20)}m_{011}^{(10)}m_{201}^{(21)}+2m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(20)}-m_{010}^{(20)}m_{011}^{(10)}m_{102}^{(10)}\\
&+m_{010}^{(20)}m_{011}^{(20)}m_{210}^{(21)}-m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(10)}+m_{010}^{(20)}m_{011}^{(21)}m_{300}^{(21)}-2m_{010}^{(20)}m_{011}^{(21)}m_{210}^{(20)}\\
&+m_{010}^{(20)}m_{011}^{(21)}m_{201}^{(10)}-m_{010}^{(20)}m_{011}^{(22)}m_{300}^{(11)}+m_{010}^{(20)}m_{011}^{(22)}m_{210}^{(10)}+m_{010}^{(20)}m_{002}^{(00)}m_{120}^{(21)}\\
&-m_{010}^{(20)}m_{002}^{(00)}m_{111}^{(11)}+m_{010}^{(20)}m_{002}^{(10)}m_{201}^{(11)}-2m_{010}^{(20)}m_{002}^{(10)}m_{120}^{(20)}+m_{010}^{(20)}m_{002}^{(10)}m_{111}^{(10)}\\
&-m_{010}^{(20)}m_{002}^{(11)}m_{300}^{(21)}+2m_{010}^{(20)}m_{002}^{(11)}m_{210}^{(20)}-m_{010}^{(20)}m_{002}^{(11)}m_{201}^{(10)}-m_{010}^{(20)}m_{002}^{(20)}m_{210}^{(11)}\\
&+m_{010}^{(20)}m_{002}^{(20)}m_{120}^{(10)}+m_{010}^{(20)}m_{002}^{(21)}m_{300}^{(11)}-m_{010}^{(20)}m_{002}^{(21)}m_{210}^{(10)}+2m_{010}^{(21)}m_{200}^{(10)}m_{102}^{(21)}\\
&-m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(20)}-m_{010}^{(21)}m_{200}^{(10)}m_{003}^{(10)}-m_{010}^{(21)}m_{200}^{(11)}m_{102}^{(20)}+m_{010}^{(21)}m_{200}^{(11)}m_{003}^{(00)}\\
&-2m_{010}^{(21)}m_{200}^{(20)}m_{111}^{(21)}+m_{010}^{(21)}m_{200}^{(20)}m_{021}^{(20)}+m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(10)}+m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(20)}\\
&-m_{010}^{(21)}m_{200}^{(21)}m_{102}^{(10)}+m_{010}^{(21)}m_{200}^{(22)}m_{111}^{(10)}-m_{010}^{(21)}m_{200}^{(22)}m_{021}^{(00)}-2m_{010}^{(21)}m_{110}^{(00)}m_{102}^{(21)}\\
&+m_{010}^{(21)}m_{110}^{(00)}m_{012}^{(20)}+m_{010}^{(21)}m_{110}^{(00)}m_{003}^{(10)}+m_{010}^{(21)}m_{110}^{(10)}m_{102}^{(20)}-m_{010}^{(21)}m_{110}^{(10)}m_{003}^{(00)}\\
&+2m_{010}^{(21)}m_{110}^{(20)}m_{201}^{(21)}-m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(20)}-m_{010}^{(21)}m_{110}^{(20)}m_{012}^{(00)}-m_{010}^{(21)}m_{110}^{(21)}m_{201}^{(20)}\\
&+m_{010}^{(21)}m_{110}^{(21)}m_{102}^{(00)}-m_{010}^{(21)}m_{110}^{(22)}m_{201}^{(10)}+m_{010}^{(21)}m_{110}^{(22)}m_{111}^{(00)}+2m_{010}^{(21)}m_{101}^{(00)}m_{111}^{(21)}\\
&-m_{010}^{(21)}m_{101}^{(00)}m_{021}^{(20)}-m_{010}^{(21)}m_{101}^{(00)}m_{012}^{(10)}-4m_{010}^{(21)}m_{101}^{(10)}m_{201}^{(21)}+m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(20)}\\
&+2m_{010}^{(21)}m_{101}^{(10)}m_{102}^{(10)}+m_{010}^{(21)}m_{101}^{(10)}m_{012}^{(00)}+2m_{010}^{(21)}m_{101}^{(11)}m_{201}^{(20)}-2m_{010}^{(21)}m_{101}^{(11)}m_{102}^{(00)}\\
&+2m_{010}^{(21)}m_{101}^{(20)}m_{210}^{(21)}-m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(20)}-2m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(10)}+m_{010}^{(21)}m_{101}^{(20)}m_{021}^{(00)}
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\begin{aligned}
&-m_{010}^{(21)}m_{101}^{(21)}m_{210}^{(20)}+2m_{010}^{(21)}m_{101}^{(21)}m_{201}^{(10)}-m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(00)}-m_{010}^{(21)}m_{101}^{(22)}m_{210}^{(10)}\\
&+m_{010}^{(21)}m_{101}^{(22)}m_{120}^{(00)}+2m_{010}^{(21)}m_{011}^{(00)}m_{201}^{(21)}-m_{010}^{(21)}m_{011}^{(00)}m_{111}^{(20)}-m_{010}^{(21)}m_{011}^{(00)}m_{102}^{(10)}\\
&-m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(20)}+m_{010}^{(21)}m_{011}^{(10)}m_{102}^{(00)}-2m_{010}^{(21)}m_{011}^{(20)}m_{300}^{(21)}+m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(20)}\\
&+m_{010}^{(21)}m_{011}^{(20)}m_{111}^{(00)}+m_{010}^{(21)}m_{011}^{(21)}m_{300}^{(20)}-m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(00)}+m_{010}^{(21)}m_{011}^{(22)}m_{300}^{(10)}\\
&-m_{010}^{(21)}m_{011}^{(22)}m_{210}^{(00)}-2m_{010}^{(21)}m_{002}^{(00)}m_{210}^{(21)}+m_{010}^{(21)}m_{002}^{(00)}m_{120}^{(20)}+m_{010}^{(21)}m_{002}^{(00)}m_{111}^{(10)}\\
&+2m_{010}^{(21)}m_{002}^{(10)}m_{300}^{(21)}-m_{010}^{(21)}m_{002}^{(10)}m_{201}^{(10)}-m_{010}^{(21)}m_{002}^{(10)}m_{111}^{(00)}-m_{010}^{(21)}m_{002}^{(11)}m_{300}^{(20)}\\
&+m_{010}^{(21)}m_{002}^{(11)}m_{201}^{(00)}+m_{010}^{(21)}m_{002}^{(20)}m_{210}^{(10)}-m_{010}^{(21)}m_{002}^{(20)}m_{120}^{(00)}-m_{010}^{(21)}m_{002}^{(21)}m_{300}^{(10)}\\
&+m_{010}^{(21)}m_{002}^{(21)}m_{210}^{(00)}-m_{010}^{(22)}m_{200}^{(10)}m_{102}^{(11)}+m_{010}^{(22)}m_{200}^{(10)}m_{012}^{(10)}+m_{010}^{(22)}m_{200}^{(11)}m_{102}^{(10)}\\
&-m_{010}^{(22)}m_{200}^{(11)}m_{012}^{(00)}+m_{010}^{(22)}m_{200}^{(20)}m_{111}^{(11)}-m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(10)}-m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(10)}\\
&+m_{010}^{(22)}m_{200}^{(21)}m_{021}^{(00)}+m_{010}^{(22)}m_{110}^{(00)}m_{102}^{(11)}-m_{010}^{(22)}m_{110}^{(00)}m_{012}^{(10)}-m_{010}^{(22)}m_{110}^{(10)}m_{102}^{(10)}\\
&+m_{010}^{(22)}m_{110}^{(10)}m_{012}^{(00)}-m_{010}^{(22)}m_{110}^{(20)}m_{201}^{(11)}+m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(10)}+m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(10)}\\
&-m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(00)}-m_{010}^{(22)}m_{101}^{(00)}m_{111}^{(11)}+m_{010}^{(22)}m_{101}^{(00)}m_{021}^{(10)}+2m_{010}^{(22)}m_{101}^{(10)}m_{201}^{(11)}\\
&-m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(10)}-m_{010}^{(22)}m_{101}^{(10)}m_{021}^{(00)}-2m_{010}^{(22)}m_{101}^{(11)}m_{201}^{(10)}+2m_{010}^{(22)}m_{101}^{(11)}m_{111}^{(00)}\\
&-m_{010}^{(22)}m_{101}^{(20)}m_{210}^{(11)}+m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(10)}+m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(10)}-m_{010}^{(22)}m_{101}^{(21)}m_{120}^{(00)}\\
&-m_{010}^{(22)}m_{011}^{(00)}m_{201}^{(11)}+m_{010}^{(22)}m_{011}^{(00)}m_{111}^{(10)}+m_{010}^{(22)}m_{011}^{(10)}m_{201}^{(10)}-m_{010}^{(22)}m_{011}^{(10)}m_{111}^{(00)}\\
&+m_{010}^{(22)}m_{011}^{(20)}m_{300}^{(11)}-m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(10)}-m_{010}^{(22)}m_{011}^{(21)}m_{300}^{(10)}+m_{010}^{(22)}m_{011}^{(21)}m_{210}^{(00)}\\
&+m_{010}^{(22)}m_{002}^{(00)}m_{210}^{(11)}-m_{010}^{(22)}m_{002}^{(00)}m_{120}^{(10)}-m_{010}^{(22)}m_{002}^{(10)}m_{300}^{(11)}+m_{010}^{(22)}m_{002}^{(10)}m_{120}^{(00)}\\
&+m_{010}^{(22)}m_{002}^{(11)}m_{300}^{(10)}-m_{010}^{(22)}m_{002}^{(11)}m_{210}^{(00)}+m_{001}^{(00)}m_{200}^{(11)}m_{021}^{(22)}-m_{001}^{(00)}m_{200}^{(11)}m_{012}^{(21)}\\
&-m_{001}^{(00)}m_{200}^{(21)}m_{030}^{(22)}+m_{001}^{(00)}m_{200}^{(21)}m_{012}^{(11)}+m_{001}^{(00)}m_{200}^{(22)}m_{030}^{(21)}-m_{001}^{(00)}m_{200}^{(22)}m_{021}^{(11)}\\
&-m_{001}^{(00)}m_{110}^{(10)}m_{021}^{(22)}+m_{001}^{(00)}m_{110}^{(10)}m_{012}^{(21)}-m_{001}^{(00)}m_{110}^{(11)}m_{111}^{(22)}+m_{001}^{(00)}m_{110}^{(11)}m_{102}^{(21)}\\
&+m_{001}^{(00)}m_{110}^{(20)}m_{021}^{(21)}-m_{001}^{(00)}m_{110}^{(20)}m_{012}^{(11)}+2m_{001}^{(00)}m_{110}^{(21)}m_{120}^{(22)}-m_{001}^{(00)}m_{110}^{(21)}m_{111}^{(21)}\\
&-m_{001}^{(00)}m_{110}^{(21)}m_{102}^{(11)}-2m_{001}^{(00)}m_{110}^{(22)}m_{120}^{(21)}+2m_{001}^{(00)}m_{110}^{(22)}m_{111}^{(11)}+m_{001}^{(00)}m_{101}^{(10)}m_{030}^{(22)}\\
&-m_{001}^{(00)}m_{101}^{(10)}m_{021}^{(21)}-m_{001}^{(00)}m_{101}^{(11)}m_{120}^{(22)}+m_{001}^{(00)}m_{101}^{(11)}m_{111}^{(21)}-m_{001}^{(00)}m_{101}^{(20)}m_{030}^{(21)}\\
&+m_{001}^{(00)}m_{101}^{(20)}m_{021}^{(11)}+m_{001}^{(00)}m_{101}^{(21)}m_{120}^{(21)}-m_{001}^{(00)}m_{101}^{(21)}m_{111}^{(11)}+m_{001}^{(00)}m_{020}^{(10)}m_{111}^{(22)}\\
&-m_{001}^{(00)}m_{020}^{(10)}m_{102}^{(21)}-m_{001}^{(00)}m_{020}^{(20)}m_{111}^{(21)}+m_{001}^{(00)}m_{020}^{(20)}m_{102}^{(11)}-m_{001}^{(00)}m_{020}^{(21)}m_{210}^{(22)}\\
&+m_{001}^{(00)}m_{020}^{(21)}m_{201}^{(21)}+m_{001}^{(00)}m_{020}^{(22)}m_{210}^{(21)}-m_{001}^{(00)}m_{020}^{(22)}m_{201}^{(11)}-m_{001}^{(00)}m_{011}^{(10)}m_{120}^{(22)}\\
&+m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(21)}+m_{001}^{(00)}m_{011}^{(11)}m_{210}^{(22)}-m_{001}^{(00)}m_{011}^{(11)}m_{201}^{(21)}+m_{001}^{(00)}m_{011}^{(20)}m_{120}^{(21)}\\
&-m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(11)}-m_{001}^{(00)}m_{011}^{(21)}m_{210}^{(21)}+m_{001}^{(00)}m_{011}^{(21)}m_{201}^{(11)}-m_{001}^{(10)}m_{200}^{(10)}m_{021}^{(22)}\\
&+m_{001}^{(10)}m_{200}^{(10)}m_{012}^{(21)}-m_{001}^{(10)}m_{200}^{(11)}m_{111}^{(22)}+m_{001}^{(10)}m_{200}^{(11)}m_{012}^{(20)}+m_{001}^{(10)}m_{200}^{(20)}m_{030}^{(22)}\\
&-m_{001}^{(10)}m_{200}^{(20)}m_{021}^{(21)}+m_{001}^{(10)}m_{200}^{(21)}m_{120}^{(22)}+m_{001}^{(10)}m_{200}^{(21)}m_{111}^{(21)}-2m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(10)}\\
&-m_{001}^{(10)}m_{200}^{(22)}m_{120}^{(21)}-m_{001}^{(10)}m_{200}^{(22)}m_{030}^{(20)}+2m_{001}^{(10)}m_{200}^{(22)}m_{021}^{(10)}+m_{001}^{(10)}m_{110}^{(00)}m_{021}^{(22)}\\
&-m_{001}^{(10)}m_{110}^{(00)}m_{012}^{(21)}+2m_{001}^{(10)}m_{110}^{(10)}m_{111}^{(22)}-m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(21)}-m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(20)}\\
&+m_{001}^{(10)}m_{110}^{(11)}m_{201}^{(22)}-m_{001}^{(10)}m_{110}^{(11)}m_{102}^{(20)}-2m_{001}^{(10)}m_{110}^{(20)}m_{120}^{(22)}+m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(21)}\\
&-m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(20)}+2m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(10)}-2m_{001}^{(10)}m_{110}^{(21)}m_{210}^{(22)}-m_{001}^{(10)}m_{110}^{(21)}m_{201}^{(20)}\\
&+m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(20)}+2m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(10)}+2m_{001}^{(10)}m_{110}^{(22)}m_{210}^{(21)}+2m_{001}^{(10)}m_{110}^{(22)}m_{120}^{(20)}\\
&-4m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(10)}-m_{001}^{(10)}m_{101}^{(00)}m_{030}^{(22)}+m_{001}^{(10)}m_{101}^{(00)}m_{021}^{(21)}-m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(21)}\\
&+m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(20)}+m_{001}^{(10)}m_{101}^{(11)}m_{210}^{(22)}-m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(20)}+m_{001}^{(10)}m_{101}^{(20)}m_{120}^{(21)}\\
&+m_{001}^{(10)}m_{101}^{(20)}m_{030}^{(20)}-2m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(10)}-m_{001}^{(10)}m_{101}^{(21)}m_{210}^{(21)}-m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(20)}
\end{aligned}
$$

$$
\begin{aligned}
&+2m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(10)} - m_{001}^{(10)}m_{020}^{(00)}m_{111}^{(22)} + m_{001}^{(10)}m_{020}^{(00)}m_{102}^{(21)} - m_{001}^{(10)}m_{020}^{(10)}m_{201}^{(22)}\\
&+m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(20)} + m_{001}^{(10)}m_{020}^{(20)}m_{210}^{(22)} + m_{001}^{(10)}m_{020}^{(20)}m_{111}^{(20)} - 2m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(10)}\\
&+m_{001}^{(10)}m_{020}^{(21)}m_{300}^{(22)} - m_{001}^{(10)}m_{020}^{(21)}m_{201}^{(20)} - m_{001}^{(10)}m_{020}^{(22)}m_{300}^{(21)} - m_{001}^{(10)}m_{020}^{(22)}m_{210}^{(20)}\\
&+2m_{001}^{(10)}m_{020}^{(22)}m_{201}^{(10)} + m_{001}^{(10)}m_{011}^{(00)}m_{120}^{(22)} - m_{001}^{(10)}m_{011}^{(00)}m_{111}^{(21)} + m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(21)}\\
&-m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(20)} - m_{001}^{(10)}m_{011}^{(11)}m_{300}^{(22)} + m_{001}^{(10)}m_{011}^{(11)}m_{201}^{(20)} - m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(21)}\\
&-m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(20)} + 2m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(10)} + m_{001}^{(10)}m_{011}^{(21)}m_{300}^{(21)} + m_{001}^{(10)}m_{011}^{(21)}m_{210}^{(20)}\\
&-2m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(10)} + m_{001}^{(11)}m_{200}^{(10)}m_{111}^{(22)} - m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(20)} - m_{001}^{(11)}m_{200}^{(20)}m_{120}^{(22)}\\
&+m_{001}^{(11)}m_{200}^{(20)}m_{021}^{(20)} - m_{001}^{(11)}m_{200}^{(21)}m_{111}^{(20)} + m_{001}^{(11)}m_{200}^{(21)}m_{012}^{(00)} + m_{001}^{(11)}m_{200}^{(22)}m_{120}^{(20)}\\
&-m_{001}^{(11)}m_{200}^{(22)}m_{021}^{(00)} - m_{001}^{(11)}m_{110}^{(00)}m_{111}^{(22)} + m_{001}^{(11)}m_{110}^{(00)}m_{012}^{(20)} - m_{001}^{(11)}m_{110}^{(10)}m_{201}^{(22)}\\
&+m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(20)} + 2m_{001}^{(11)}m_{110}^{(20)}m_{210}^{(22)} - m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(20)} - m_{001}^{(11)}m_{110}^{(20)}m_{012}^{(00)}\\
&+m_{001}^{(11)}m_{110}^{(21)}m_{201}^{(20)} - m_{001}^{(11)}m_{110}^{(21)}m_{102}^{(00)} - 2m_{001}^{(11)}m_{110}^{(22)}m_{210}^{(20)} + 2m_{001}^{(11)}m_{110}^{(22)}m_{111}^{(00)}\\
&+m_{001}^{(11)}m_{101}^{(00)}m_{120}^{(22)} - m_{001}^{(11)}m_{101}^{(00)}m_{021}^{(20)} - m_{001}^{(11)}m_{101}^{(10)}m_{210}^{(22)} + m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(20)}\\
&-m_{001}^{(11)}m_{101}^{(20)}m_{120}^{(20)} + m_{001}^{(11)}m_{101}^{(20)}m_{021}^{(00)} + m_{001}^{(11)}m_{101}^{(21)}m_{210}^{(20)} - m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(00)}\\
&+m_{001}^{(11)}m_{020}^{(00)}m_{201}^{(22)} - m_{001}^{(11)}m_{020}^{(00)}m_{102}^{(20)} - m_{001}^{(11)}m_{020}^{(20)}m_{300}^{(22)} + m_{001}^{(11)}m_{020}^{(20)}m_{102}^{(00)}\\
&+m_{001}^{(11)}m_{020}^{(22)}m_{300}^{(20)} - m_{001}^{(11)}m_{020}^{(22)}m_{201}^{(00)} - m_{001}^{(11)}m_{011}^{(00)}m_{210}^{(22)} + m_{001}^{(11)}m_{011}^{(00)}m_{111}^{(20)}\\
&+m_{001}^{(11)}m_{011}^{(10)}m_{300}^{(22)} - m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(20)} + m_{001}^{(11)}m_{011}^{(20)}m_{210}^{(20)} - m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(00)}\\
&-m_{001}^{(11)}m_{011}^{(21)}m_{300}^{(20)} + m_{001}^{(11)}m_{011}^{(21)}m_{201}^{(00)} + m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(21)} - m_{001}^{(20)}m_{200}^{(10)}m_{012}^{(11)}\\
&+m_{001}^{(20)}m_{200}^{(11)}m_{111}^{(21)} - 2m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(20)} + m_{001}^{(20)}m_{200}^{(11)}m_{012}^{(10)} - m_{001}^{(20)}m_{200}^{(20)}m_{030}^{(21)}\\
&+m_{001}^{(20)}m_{200}^{(20)}m_{021}^{(11)} - m_{001}^{(20)}m_{200}^{(21)}m_{120}^{(21)} - m_{001}^{(20)}m_{200}^{(21)}m_{111}^{(11)} + 2m_{001}^{(20)}m_{200}^{(21)}m_{030}^{(20)}\\
&+m_{001}^{(20)}m_{200}^{(22)}m_{120}^{(11)} - m_{001}^{(20)}m_{200}^{(22)}m_{030}^{(10)} - m_{001}^{(20)}m_{110}^{(00)}m_{021}^{(21)} + m_{001}^{(20)}m_{110}^{(00)}m_{012}^{(11)}\\
&-2m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(21)} + m_{001}^{(20)}m_{110}^{(10)}m_{102}^{(11)} + 2m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(20)} - m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(10)}\\
&-m_{001}^{(20)}m_{110}^{(11)}m_{201}^{(21)} + 2m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(20)} - m_{001}^{(20)}m_{110}^{(11)}m_{102}^{(10)} + 2m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(21)}\\
&-m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(11)} - m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(10)} + 2m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(21)} + m_{001}^{(20)}m_{110}^{(21)}m_{201}^{(11)}\\
&-4m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(20)} + m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(10)} - 2m_{001}^{(20)}m_{110}^{(22)}m_{210}^{(11)} + 2m_{001}^{(20)}m_{110}^{(22)}m_{120}^{(10)}\\
&+m_{001}^{(20)}m_{101}^{(00)}m_{030}^{(21)} - m_{001}^{(20)}m_{101}^{(00)}m_{021}^{(11)} + m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(11)} - 2m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(20)}\\
&+m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(10)} - m_{001}^{(20)}m_{101}^{(11)}m_{210}^{(21)} + 2m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(20)} - m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(10)}\\
&-m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(11)} + m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(10)} + m_{001}^{(20)}m_{101}^{(21)}m_{210}^{(11)} - m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(10)}\\
&+m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(21)} - m_{001}^{(20)}m_{020}^{(00)}m_{102}^{(11)} + m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(21)} - 2m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(20)}\\
&+m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(10)} - m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(21)} + m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(10)} - m_{001}^{(20)}m_{020}^{(21)}m_{300}^{(21)}\\
&+2m_{001}^{(20)}m_{020}^{(21)}m_{210}^{(20)} - m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(10)} + m_{001}^{(20)}m_{020}^{(22)}m_{300}^{(11)} - m_{001}^{(20)}m_{020}^{(22)}m_{210}^{(10)}\\
&-m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(21)} + m_{001}^{(20)}m_{011}^{(00)}m_{111}^{(11)} - m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(11)} + 2m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(20)}\\
&-m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(10)} + m_{001}^{(20)}m_{011}^{(11)}m_{300}^{(21)} - 2m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(20)} + m_{001}^{(20)}m_{011}^{(11)}m_{201}^{(10)}\\
&+m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(11)} - m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(10)} - m_{001}^{(20)}m_{011}^{(21)}m_{300}^{(11)} + m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(10)}\\
&-2m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(21)} + m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(20)} + m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(10)} + m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(20)}\\
&-m_{001}^{(21)}m_{200}^{(11)}m_{012}^{(00)} + 2m_{001}^{(21)}m_{200}^{(20)}m_{120}^{(21)} - m_{001}^{(21)}m_{200}^{(20)}m_{030}^{(20)} - m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(10)}\\
&-m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(20)} + m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(10)} - m_{001}^{(21)}m_{200}^{(22)}m_{120}^{(10)} + m_{001}^{(21)}m_{200}^{(22)}m_{030}^{(00)}\\
&+2m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(21)} - m_{001}^{(21)}m_{110}^{(00)}m_{021}^{(20)} - m_{001}^{(21)}m_{110}^{(00)}m_{012}^{(10)} + 2m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(21)}\\
&-2m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(20)} - m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(10)} + m_{001}^{(21)}m_{110}^{(10)}m_{012}^{(00)} - m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(20)}
\end{aligned}
$$

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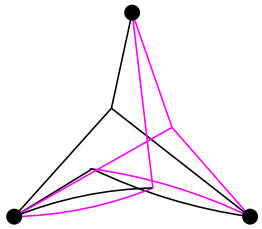
\begin{aligned}
&+m_{001}^{(21)}m_{110}^{(11)}m_{102}^{(00)} - 4m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(21)} + 2m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(20)} + m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(10)}\\
&+m_{001}^{(21)}m_{110}^{(20)}m_{021}^{(00)} + 2m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(20)} - m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(10)} - m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(00)}\\
&+2m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(10)} - 2m_{001}^{(21)}m_{110}^{(22)}m_{120}^{(00)} - 2m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(21)} + m_{001}^{(21)}m_{101}^{(00)}m_{030}^{(20)}\\
&+m_{001}^{(21)}m_{101}^{(00)}m_{021}^{(10)} + 2m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(21)} - m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(10)} - m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(00)}\\
&-m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(20)} + m_{001}^{(21)}m_{101}^{(11)}m_{111}^{(00)} + m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(10)} - m_{001}^{(21)}m_{101}^{(20)}m_{030}^{(00)}\\
&-m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(10)} + m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(00)} - 2m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(21)} + m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(20)}\\
&+m_{001}^{(21)}m_{020}^{(00)}m_{102}^{(10)} + m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(20)} - m_{001}^{(21)}m_{020}^{(10)}m_{102}^{(00)} + 2m_{001}^{(21)}m_{020}^{(20)}m_{300}^{(21)}\\
&-m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(20)} - m_{001}^{(21)}m_{020}^{(20)}m_{111}^{(00)} - m_{001}^{(21)}m_{020}^{(21)}m_{300}^{(20)} + m_{001}^{(21)}m_{020}^{(21)}m_{201}^{(00)}\\
&-m_{001}^{(21)}m_{020}^{(22)}m_{300}^{(10)} + m_{001}^{(21)}m_{020}^{(22)}m_{210}^{(00)} + 2m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(21)} - m_{001}^{(21)}m_{011}^{(00)}m_{120}^{(20)}\\
&-m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(10)} - 2m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(21)} + m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(10)} + m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(00)}\\
&+m_{001}^{(21)}m_{011}^{(11)}m_{300}^{(20)} - m_{001}^{(21)}m_{011}^{(11)}m_{201}^{(00)} - m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(10)} + m_{001}^{(21)}m_{011}^{(20)}m_{120}^{(00)}\\
&+m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(10)} - m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(00)} + m_{001}^{(22)}m_{200}^{(10)}m_{111}^{(11)} - m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(10)}\\
&-m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(10)} + m_{001}^{(22)}m_{200}^{(11)}m_{021}^{(00)} - m_{001}^{(22)}m_{200}^{(20)}m_{120}^{(11)} + m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(10)}\\
&+m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(10)} - m_{001}^{(22)}m_{200}^{(21)}m_{030}^{(00)} - m_{001}^{(22)}m_{110}^{(00)}m_{111}^{(11)} + m_{001}^{(22)}m_{110}^{(00)}m_{021}^{(10)}\\
&-m_{001}^{(22)}m_{110}^{(10)}m_{201}^{(11)} + 2m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(10)} - m_{001}^{(22)}m_{110}^{(10)}m_{021}^{(00)} + m_{001}^{(22)}m_{110}^{(11)}m_{201}^{(10)}\\
&-m_{001}^{(22)}m_{110}^{(11)}m_{111}^{(00)} + 2m_{001}^{(22)}m_{110}^{(20)}m_{210}^{(11)} - 2m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(10)} - 2m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(10)}\\
&+2m_{001}^{(22)}m_{110}^{(21)}m_{120}^{(00)} + m_{001}^{(22)}m_{101}^{(00)}m_{120}^{(11)} - m_{001}^{(22)}m_{101}^{(00)}m_{030}^{(10)} - m_{001}^{(22)}m_{101}^{(10)}m_{210}^{(11)}\\
&+m_{001}^{(22)}m_{101}^{(10)}m_{030}^{(00)} + m_{001}^{(22)}m_{101}^{(11)}m_{210}^{(10)} - m_{001}^{(22)}m_{101}^{(11)}m_{120}^{(00)} + m_{001}^{(22)}m_{020}^{(00)}m_{201}^{(11)}\\
&-m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(10)} - m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(10)} + m_{001}^{(22)}m_{020}^{(10)}m_{111}^{(00)} - m_{001}^{(22)}m_{020}^{(20)}m_{300}^{(11)}\\
&+m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(10)} + m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(10)} - m_{001}^{(22)}m_{020}^{(21)}m_{210}^{(00)} - m_{001}^{(22)}m_{011}^{(00)}m_{210}^{(11)}\\
&+m_{001}^{(22)}m_{011}^{(00)}m_{120}^{(10)} + m_{001}^{(22)}m_{011}^{(10)}m_{300}^{(11)} - m_{001}^{(22)}m_{011}^{(10)}m_{120}^{(00)} - m_{001}^{(22)}m_{011}^{(11)}m_{300}^{(10)}\\
&+m_{001}^{(22)}m_{011}^{(11)}m_{210}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & V1 & 1 & 1\\
1 & V2 & 2 & V3\\
V2 & V3 & 3 & 3
\end{array}
$$



$$
T_{67} \;=\; m_{100}^{(00)}m_{110}^{(11)}m_{012}^{(22)} - m_{100}^{(00)}m_{110}^{(11)}m_{003}^{(21)} - m_{100}^{(00)}m_{110}^{(21)}m_{021}^{(22)} + m_{100}^{(00)}m_{110}^{(21)}m_{003}^{(11)}
$$

$$
\begin{aligned}
&+m_{100}^{(00)}m_{110}^{(22)}m_{021}^{(21)} - m_{100}^{(00)}m_{110}^{(22)}m_{012}^{(11)} - m_{100}^{(00)}m_{101}^{(11)}m_{021}^{(22)} + m_{100}^{(00)}m_{101}^{(11)}m_{012}^{(21)}\\
&+m_{100}^{(00)}m_{101}^{(21)}m_{030}^{(22)} - m_{100}^{(00)}m_{101}^{(21)}m_{012}^{(11)} - m_{100}^{(00)}m_{101}^{(22)}m_{030}^{(21)} + m_{100}^{(00)}m_{101}^{(22)}m_{021}^{(11)}\\
&-m_{100}^{(00)}m_{020}^{(11)}m_{102}^{(22)} + m_{100}^{(00)}m_{020}^{(11)}m_{003}^{(20)} + m_{100}^{(00)}m_{020}^{(21)}m_{111}^{(22)} + m_{100}^{(00)}m_{020}^{(21)}m_{102}^{(21)}\\
&-m_{100}^{(00)}m_{020}^{(21)}m_{012}^{(20)} - m_{100}^{(00)}m_{020}^{(21)}m_{003}^{(10)} - m_{100}^{(00)}m_{020}^{(22)}m_{111}^{(21)} + m_{100}^{(00)}m_{020}^{(22)}m_{012}^{(10)}\\
&+m_{100}^{(00)}m_{011}^{(11)}m_{111}^{(22)} + m_{100}^{(00)}m_{011}^{(11)}m_{102}^{(21)} - 2m_{100}^{(00)}m_{011}^{(11)}m_{012}^{(20)} - m_{100}^{(00)}m_{011}^{(21)}m_{120}^{(22)}\\
&-2m_{100}^{(00)}m_{011}^{(21)}m_{111}^{(21)} - m_{100}^{(00)}m_{011}^{(21)}m_{102}^{(11)} + 2m_{100}^{(00)}m_{011}^{(21)}m_{021}^{(20)} + 2m_{100}^{(00)}m_{011}^{(21)}m_{012}^{(10)}\\
&+m_{100}^{(00)}m_{011}^{(22)}m_{120}^{(21)} + m_{100}^{(00)}m_{011}^{(22)}m_{111}^{(11)} - 2m_{100}^{(00)}m_{011}^{(22)}m_{021}^{(10)} - m_{100}^{(00)}m_{002}^{(11)}m_{111}^{(21)}\\
&+m_{100}^{(00)}m_{002}^{(11)}m_{021}^{(20)} + m_{100}^{(00)}m_{002}^{(21)}m_{120}^{(21)} + m_{100}^{(00)}m_{002}^{(21)}m_{111}^{(11)} - m_{100}^{(00)}m_{002}^{(21)}m_{030}^{(20)}\\
&-m_{100}^{(00)}m_{002}^{(21)}m_{021}^{(10)} - m_{100}^{(00)}m_{002}^{(22)}m_{120}^{(11)} + m_{100}^{(00)}m_{002}^{(22)}m_{030}^{(10)} - 2m_{100}^{(10)}m_{110}^{(10)}m_{012}^{(22)}\\
&+2m_{100}^{(10)}m_{110}^{(10)}m_{003}^{(21)} + m_{100}^{(10)}m_{110}^{(20)}m_{021}^{(22)} - m_{100}^{(10)}m_{110}^{(20)}m_{003}^{(11)} + m_{100}^{(10)}m_{110}^{(21)}m_{111}^{(22)}\\
&-m_{100}^{(10)}m_{110}^{(21)}m_{102}^{(21)} + m_{100}^{(10)}m_{110}^{(21)}m_{012}^{(20)} - m_{100}^{(10)}m_{110}^{(21)}m_{003}^{(10)} - m_{100}^{(10)}m_{110}^{(22)}m_{111}^{(21)}\\
&+m_{100}^{(10)}m_{110}^{(22)}m_{102}^{(11)} - m_{100}^{(10)}m_{110}^{(22)}m_{021}^{(20)} + m_{100}^{(10)}m_{110}^{(22)}m_{012}^{(10)} + 2m_{100}^{(10)}m_{101}^{(10)}m_{021}^{(22)}\\
&-2m_{100}^{(10)}m_{101}^{(10)}m_{012}^{(21)} - m_{100}^{(10)}m_{101}^{(20)}m_{030}^{(22)} + m_{100}^{(10)}m_{101}^{(20)}m_{012}^{(11)} - m_{100}^{(10)}m_{101}^{(21)}m_{120}^{(22)}\\
&+m_{100}^{(10)}m_{101}^{(21)}m_{111}^{(21)} - m_{100}^{(10)}m_{101}^{(21)}m_{021}^{(20)} + m_{100}^{(10)}m_{101}^{(21)}m_{012}^{(10)} + m_{100}^{(10)}m_{101}^{(22)}m_{120}^{(21)}\\
&-m_{100}^{(10)}m_{101}^{(22)}m_{111}^{(11)} + m_{100}^{(10)}m_{101}^{(22)}m_{030}^{(20)} - m_{100}^{(10)}m_{101}^{(22)}m_{021}^{(10)} + 2m_{100}^{(10)}m_{020}^{(10)}m_{102}^{(22)}\\
&-2m_{100}^{(10)}m_{020}^{(10)}m_{003}^{(20)} - m_{100}^{(10)}m_{020}^{(20)}m_{111}^{(22)} - m_{100}^{(10)}m_{020}^{(20)}m_{102}^{(21)} + m_{100}^{(10)}m_{020}^{(20)}m_{012}^{(20)}\\
&+m_{100}^{(10)}m_{020}^{(20)}m_{003}^{(10)} - m_{100}^{(10)}m_{020}^{(21)}m_{201}^{(22)} + m_{100}^{(10)}m_{020}^{(21)}m_{003}^{(00)} + m_{100}^{(10)}m_{020}^{(22)}m_{201}^{(21)}\\
&+m_{100}^{(10)}m_{020}^{(22)}m_{111}^{(20)} - m_{100}^{(10)}m_{020}^{(22)}m_{102}^{(10)} - m_{100}^{(10)}m_{020}^{(22)}m_{012}^{(00)} - 2m_{100}^{(10)}m_{011}^{(10)}m_{111}^{(22)}\\
&-2m_{100}^{(10)}m_{011}^{(10)}m_{102}^{(21)} + 4m_{100}^{(10)}m_{011}^{(10)}m_{012}^{(20)} + m_{100}^{(10)}m_{011}^{(20)}m_{120}^{(22)} + 2m_{100}^{(10)}m_{011}^{(20)}m_{111}^{(21)}\\
&+m_{100}^{(10)}m_{011}^{(20)}m_{102}^{(11)} - 2m_{100}^{(10)}m_{011}^{(20)}m_{021}^{(20)} - 2m_{100}^{(10)}m_{011}^{(20)}m_{012}^{(10)} + m_{100}^{(10)}m_{011}^{(21)}m_{210}^{(22)}\\
&+m_{100}^{(10)}m_{011}^{(21)}m_{201}^{(21)} - m_{100}^{(10)}m_{011}^{(21)}m_{111}^{(20)} + m_{100}^{(10)}m_{011}^{(21)}m_{102}^{(10)} - 2m_{100}^{(10)}m_{011}^{(21)}m_{012}^{(00)}\\
&-m_{100}^{(10)}m_{011}^{(22)}m_{210}^{(21)} - m_{100}^{(10)}m_{011}^{(22)}m_{201}^{(11)} - m_{100}^{(10)}m_{011}^{(22)}m_{120}^{(20)} + m_{100}^{(10)}m_{011}^{(22)}m_{111}^{(10)}\\
&+2m_{100}^{(10)}m_{011}^{(22)}m_{021}^{(00)} + 2m_{100}^{(10)}m_{002}^{(10)}m_{111}^{(21)} - 2m_{100}^{(10)}m_{002}^{(10)}m_{021}^{(20)} - m_{100}^{(10)}m_{002}^{(20)}m_{120}^{(21)}\\
&-m_{100}^{(10)}m_{002}^{(20)}m_{111}^{(11)} + m_{100}^{(10)}m_{002}^{(20)}m_{030}^{(20)} + m_{100}^{(10)}m_{002}^{(20)}m_{021}^{(10)} - m_{100}^{(10)}m_{002}^{(21)}m_{210}^{(21)}\\
&+m_{100}^{(10)}m_{002}^{(21)}m_{120}^{(20)} - m_{100}^{(10)}m_{002}^{(21)}m_{111}^{(10)} + m_{100}^{(10)}m_{002}^{(21)}m_{021}^{(00)} + m_{100}^{(10)}m_{002}^{(22)}m_{210}^{(11)}\\
&-m_{100}^{(10)}m_{002}^{(22)}m_{030}^{(00)} + m_{100}^{(11)}m_{110}^{(00)}m_{012}^{(22)} - m_{100}^{(11)}m_{110}^{(00)}m_{003}^{(21)} - m_{100}^{(11)}m_{110}^{(20)}m_{111}^{(22)}\\
&+m_{100}^{(11)}m_{110}^{(20)}m_{102}^{(21)} - m_{100}^{(11)}m_{110}^{(20)}m_{012}^{(20)} + m_{100}^{(11)}m_{110}^{(20)}m_{003}^{(10)} + m_{100}^{(11)}m_{110}^{(22)}m_{111}^{(20)}\\
&-m_{100}^{(11)}m_{110}^{(22)}m_{102}^{(10)} - m_{100}^{(11)}m_{101}^{(00)}m_{021}^{(22)} + m_{100}^{(11)}m_{101}^{(00)}m_{012}^{(21)} + m_{100}^{(11)}m_{101}^{(20)}m_{120}^{(22)}\\
&-m_{100}^{(11)}m_{101}^{(20)}m_{111}^{(21)} + m_{100}^{(11)}m_{101}^{(20)}m_{021}^{(20)} - m_{100}^{(11)}m_{101}^{(20)}m_{012}^{(10)} - m_{100}^{(11)}m_{101}^{(22)}m_{120}^{(20)}\\
&+m_{100}^{(11)}m_{101}^{(22)}m_{111}^{(10)} - m_{100}^{(11)}m_{020}^{(00)}m_{102}^{(22)} + m_{100}^{(11)}m_{020}^{(00)}m_{003}^{(20)} + m_{100}^{(11)}m_{020}^{(20)}m_{201}^{(22)}\\
&-m_{100}^{(11)}m_{020}^{(20)}m_{003}^{(00)} - m_{100}^{(11)}m_{020}^{(22)}m_{201}^{(20)} + m_{100}^{(11)}m_{020}^{(22)}m_{102}^{(00)} + m_{100}^{(11)}m_{011}^{(00)}m_{111}^{(22)}\\
&+m_{100}^{(11)}m_{011}^{(00)}m_{102}^{(21)} - 2m_{100}^{(11)}m_{011}^{(00)}m_{012}^{(20)} - m_{100}^{(11)}m_{011}^{(20)}m_{210}^{(22)} - m_{100}^{(11)}m_{011}^{(20)}m_{201}^{(21)}\\
&+m_{100}^{(11)}m_{011}^{(20)}m_{111}^{(20)} - m_{100}^{(11)}m_{011}^{(20)}m_{102}^{(10)} + 2m_{100}^{(11)}m_{011}^{(20)}m_{012}^{(00)} + m_{100}^{(11)}m_{011}^{(22)}m_{210}^{(20)}\\
&+m_{100}^{(11)}m_{011}^{(22)}m_{201}^{(10)} - 2m_{100}^{(11)}m_{011}^{(22)}m_{111}^{(00)} - m_{100}^{(11)}m_{002}^{(00)}m_{111}^{(21)} + m_{100}^{(11)}m_{002}^{(00)}m_{021}^{(20)}\\
&+m_{100}^{(11)}m_{002}^{(20)}m_{210}^{(21)} - m_{100}^{(11)}m_{002}^{(20)}m_{120}^{(20)} + m_{100}^{(11)}m_{002}^{(20)}m_{111}^{(10)} - m_{100}^{(11)}m_{002}^{(20)}m_{021}^{(00)}\\
&-m_{100}^{(11)}m_{002}^{(22)}m_{210}^{(10)} + m_{100}^{(11)}m_{002}^{(22)}m_{120}^{(00)} + m_{100}^{(20)}m_{110}^{(10)}m_{021}^{(22)} - m_{100}^{(20)}m_{110}^{(10)}m_{003}^{(11)}\\
&-m_{100}^{(20)}m_{110}^{(11)}m_{111}^{(22)} + m_{100}^{(20)}m_{110}^{(11)}m_{102}^{(21)} - m_{100}^{(20)}m_{110}^{(11)}m_{012}^{(20)} + m_{100}^{(20)}m_{110}^{(11)}m_{003}^{(10)}\\
&-2m_{100}^{(20)}m_{110}^{(20)}m_{021}^{(21)} + 2m_{100}^{(20)}m_{110}^{(20)}m_{012}^{(11)} + m_{100}^{(20)}m_{110}^{(21)}m_{111}^{(21)} - m_{100}^{(20)}m_{110}^{(21)}m_{102}^{(11)}
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\begin{aligned}
&+m_{100}^{(20)}m_{110}^{(21)}m_{021}^{(20)} - m_{100}^{(20)}m_{110}^{(21)}m_{012}^{(10)} - m_{100}^{(20)}m_{101}^{(10)}m_{030}^{(22)} + m_{100}^{(20)}m_{101}^{(10)}m_{012}^{(11)}\\
&+m_{100}^{(20)}m_{101}^{(11)}m_{120}^{(22)} - m_{100}^{(20)}m_{101}^{(11)}m_{111}^{(21)} + m_{100}^{(20)}m_{101}^{(11)}m_{021}^{(20)} - m_{100}^{(20)}m_{101}^{(11)}m_{012}^{(10)}\\
&+2m_{100}^{(20)}m_{101}^{(20)}m_{030}^{(21)} - 2m_{100}^{(20)}m_{101}^{(20)}m_{021}^{(11)} - m_{100}^{(20)}m_{101}^{(21)}m_{120}^{(21)} + m_{100}^{(20)}m_{101}^{(21)}m_{111}^{(11)}\\
&-m_{100}^{(20)}m_{101}^{(21)}m_{030}^{(20)} + m_{100}^{(20)}m_{101}^{(21)}m_{021}^{(10)} - m_{100}^{(20)}m_{020}^{(10)}m_{111}^{(22)} - m_{100}^{(20)}m_{020}^{(10)}m_{102}^{(21)}\\
&+m_{100}^{(20)}m_{020}^{(10)}m_{012}^{(20)} + m_{100}^{(20)}m_{020}^{(10)}m_{003}^{(10)} + m_{100}^{(20)}m_{020}^{(11)}m_{201}^{(22)} - m_{100}^{(20)}m_{020}^{(11)}m_{003}^{(00)}\\
&+2m_{100}^{(20)}m_{020}^{(20)}m_{111}^{(21)} - 2m_{100}^{(20)}m_{020}^{(20)}m_{012}^{(10)} - m_{100}^{(20)}m_{020}^{(21)}m_{201}^{(21)} - m_{100}^{(20)}m_{020}^{(21)}m_{111}^{(20)}\\
&+m_{100}^{(20)}m_{020}^{(21)}m_{102}^{(10)} + m_{100}^{(20)}m_{020}^{(21)}m_{012}^{(00)} + m_{100}^{(20)}m_{011}^{(10)}m_{120}^{(22)} + 2m_{100}^{(20)}m_{011}^{(10)}m_{111}^{(21)}\\
&+m_{100}^{(20)}m_{011}^{(10)}m_{102}^{(11)} - 2m_{100}^{(20)}m_{011}^{(10)}m_{021}^{(20)} - 2m_{100}^{(20)}m_{011}^{(10)}m_{012}^{(10)} - m_{100}^{(20)}m_{011}^{(11)}m_{210}^{(22)}\\
&-m_{100}^{(20)}m_{011}^{(11)}m_{201}^{(21)} + m_{100}^{(20)}m_{011}^{(11)}m_{111}^{(20)} - m_{100}^{(20)}m_{011}^{(11)}m_{102}^{(10)} + 2m_{100}^{(20)}m_{011}^{(11)}m_{012}^{(00)}\\
&-2m_{100}^{(20)}m_{011}^{(20)}m_{120}^{(21)} - 2m_{100}^{(20)}m_{011}^{(20)}m_{111}^{(11)} + 4m_{100}^{(20)}m_{011}^{(20)}m_{021}^{(10)} + m_{100}^{(20)}m_{011}^{(21)}m_{210}^{(21)}\\
&+m_{100}^{(20)}m_{011}^{(21)}m_{201}^{(11)} + m_{100}^{(20)}m_{011}^{(21)}m_{120}^{(20)} - m_{100}^{(20)}m_{011}^{(21)}m_{111}^{(10)} - 2m_{100}^{(20)}m_{011}^{(21)}m_{021}^{(00)}\\
&-m_{100}^{(20)}m_{002}^{(10)}m_{120}^{(21)} - m_{100}^{(20)}m_{002}^{(10)}m_{111}^{(11)} + m_{100}^{(20)}m_{002}^{(10)}m_{030}^{(20)} + m_{100}^{(20)}m_{002}^{(10)}m_{021}^{(10)}\\
&+m_{100}^{(20)}m_{002}^{(11)}m_{210}^{(21)} - m_{100}^{(20)}m_{002}^{(11)}m_{120}^{(20)} + m_{100}^{(20)}m_{002}^{(11)}m_{111}^{(10)} - m_{100}^{(20)}m_{002}^{(11)}m_{021}^{(00)}\\
&+2m_{100}^{(20)}m_{002}^{(20)}m_{120}^{(11)} - 2m_{100}^{(20)}m_{002}^{(20)}m_{030}^{(10)} - m_{100}^{(20)}m_{002}^{(21)}m_{210}^{(11)} + m_{100}^{(20)}m_{002}^{(21)}m_{030}^{(00)}\\
&-m_{100}^{(21)}m_{110}^{(00)}m_{021}^{(22)} + m_{100}^{(21)}m_{110}^{(00)}m_{003}^{(11)} + m_{100}^{(21)}m_{110}^{(10)}m_{111}^{(22)} - m_{100}^{(21)}m_{110}^{(10)}m_{102}^{(21)}\\
&+m_{100}^{(21)}m_{110}^{(10)}m_{012}^{(20)} - m_{100}^{(21)}m_{110}^{(10)}m_{003}^{(10)} + m_{100}^{(21)}m_{110}^{(20)}m_{111}^{(21)} - m_{100}^{(21)}m_{110}^{(20)}m_{102}^{(11)}\\
&+m_{100}^{(21)}m_{110}^{(20)}m_{021}^{(20)} - m_{100}^{(21)}m_{110}^{(20)}m_{012}^{(10)} - 2m_{100}^{(21)}m_{110}^{(21)}m_{111}^{(20)} + 2m_{100}^{(21)}m_{110}^{(21)}m_{102}^{(10)}\\
&+m_{100}^{(21)}m_{101}^{(00)}m_{030}^{(22)} - m_{100}^{(21)}m_{101}^{(00)}m_{012}^{(11)} - m_{100}^{(21)}m_{101}^{(10)}m_{120}^{(22)} + m_{100}^{(21)}m_{101}^{(10)}m_{111}^{(21)}\\
&-m_{100}^{(21)}m_{101}^{(10)}m_{021}^{(20)} + m_{100}^{(21)}m_{101}^{(10)}m_{012}^{(10)} - m_{100}^{(21)}m_{101}^{(20)}m_{120}^{(21)} + m_{100}^{(21)}m_{101}^{(20)}m_{111}^{(11)}\\
&-m_{100}^{(21)}m_{101}^{(20)}m_{030}^{(20)} + m_{100}^{(21)}m_{101}^{(20)}m_{021}^{(10)} + 2m_{100}^{(21)}m_{101}^{(21)}m_{120}^{(20)} - 2m_{100}^{(21)}m_{101}^{(21)}m_{111}^{(10)}\\
&+m_{100}^{(21)}m_{020}^{(00)}m_{111}^{(22)} + m_{100}^{(21)}m_{020}^{(00)}m_{102}^{(21)} - m_{100}^{(21)}m_{020}^{(00)}m_{012}^{(20)} - m_{100}^{(21)}m_{020}^{(00)}m_{003}^{(10)}\\
&-m_{100}^{(21)}m_{020}^{(10)}m_{201}^{(22)} + m_{100}^{(21)}m_{020}^{(10)}m_{003}^{(00)} - m_{100}^{(21)}m_{020}^{(20)}m_{201}^{(21)} - m_{100}^{(21)}m_{020}^{(20)}m_{111}^{(20)}\\
&+m_{100}^{(21)}m_{020}^{(20)}m_{102}^{(10)} + m_{100}^{(21)}m_{020}^{(20)}m_{012}^{(00)} + 2m_{100}^{(21)}m_{020}^{(21)}m_{201}^{(20)} - 2m_{100}^{(21)}m_{020}^{(21)}m_{102}^{(00)}\\
&-m_{100}^{(21)}m_{011}^{(00)}m_{120}^{(22)} - 2m_{100}^{(21)}m_{011}^{(00)}m_{111}^{(21)} - m_{100}^{(21)}m_{011}^{(00)}m_{102}^{(11)} + 2m_{100}^{(21)}m_{011}^{(00)}m_{021}^{(20)}\\
&+2m_{100}^{(21)}m_{011}^{(00)}m_{012}^{(10)} + m_{100}^{(21)}m_{011}^{(10)}m_{210}^{(22)} + m_{100}^{(21)}m_{011}^{(10)}m_{201}^{(21)} - m_{100}^{(21)}m_{011}^{(10)}m_{111}^{(20)}\\
&+m_{100}^{(21)}m_{011}^{(10)}m_{102}^{(10)} - 2m_{100}^{(21)}m_{011}^{(10)}m_{012}^{(00)} + m_{100}^{(21)}m_{011}^{(20)}m_{210}^{(21)} + m_{100}^{(21)}m_{011}^{(20)}m_{201}^{(11)}\\
&+m_{100}^{(21)}m_{011}^{(20)}m_{120}^{(20)} - m_{100}^{(21)}m_{011}^{(20)}m_{111}^{(10)} - 2m_{100}^{(21)}m_{011}^{(20)}m_{021}^{(00)} - 2m_{100}^{(21)}m_{011}^{(21)}m_{210}^{(20)}\\
&-2m_{100}^{(21)}m_{011}^{(21)}m_{201}^{(10)} + 4m_{100}^{(21)}m_{011}^{(21)}m_{111}^{(00)} + m_{100}^{(21)}m_{002}^{(00)}m_{120}^{(21)} + m_{100}^{(21)}m_{002}^{(00)}m_{111}^{(11)}\\
&-m_{100}^{(21)}m_{002}^{(00)}m_{030}^{(20)} - m_{100}^{(21)}m_{002}^{(00)}m_{021}^{(10)} - m_{100}^{(21)}m_{002}^{(10)}m_{210}^{(21)} + m_{100}^{(21)}m_{002}^{(10)}m_{120}^{(20)}\\
&-m_{100}^{(21)}m_{002}^{(10)}m_{111}^{(10)} + m_{100}^{(21)}m_{002}^{(10)}m_{021}^{(00)} - m_{100}^{(21)}m_{002}^{(20)}m_{210}^{(11)} + m_{100}^{(21)}m_{002}^{(20)}m_{030}^{(00)}\\
&+2m_{100}^{(21)}m_{002}^{(21)}m_{210}^{(10)} - 2m_{100}^{(21)}m_{002}^{(21)}m_{120}^{(00)} + m_{100}^{(22)}m_{110}^{(00)}m_{021}^{(21)} - m_{100}^{(22)}m_{110}^{(00)}m_{012}^{(11)}\\
&-m_{100}^{(22)}m_{110}^{(10)}m_{111}^{(21)} + m_{100}^{(22)}m_{110}^{(10)}m_{102}^{(11)} - m_{100}^{(22)}m_{110}^{(10)}m_{021}^{(20)} + m_{100}^{(22)}m_{110}^{(10)}m_{012}^{(10)}\\
&+m_{100}^{(22)}m_{110}^{(11)}m_{111}^{(20)} - m_{100}^{(22)}m_{110}^{(11)}m_{102}^{(10)} - m_{100}^{(22)}m_{101}^{(00)}m_{030}^{(21)} + m_{100}^{(22)}m_{101}^{(00)}m_{021}^{(11)}\\
&+m_{100}^{(22)}m_{101}^{(10)}m_{120}^{(21)} - m_{100}^{(22)}m_{101}^{(10)}m_{111}^{(11)} + m_{100}^{(22)}m_{101}^{(10)}m_{030}^{(20)} - m_{100}^{(22)}m_{101}^{(10)}m_{021}^{(10)}\\
&-m_{100}^{(22)}m_{101}^{(11)}m_{120}^{(20)} + m_{100}^{(22)}m_{101}^{(11)}m_{111}^{(10)} - m_{100}^{(22)}m_{020}^{(00)}m_{111}^{(21)} + m_{100}^{(22)}m_{020}^{(00)}m_{012}^{(10)}\\
&+m_{100}^{(22)}m_{020}^{(10)}m_{201}^{(21)} + m_{100}^{(22)}m_{020}^{(10)}m_{111}^{(20)} - m_{100}^{(22)}m_{020}^{(10)}m_{102}^{(10)} - m_{100}^{(22)}m_{020}^{(10)}m_{012}^{(00)}\\
&-m_{100}^{(22)}m_{020}^{(11)}m_{201}^{(20)} + m_{100}^{(22)}m_{020}^{(11)}m_{102}^{(00)} + m_{100}^{(22)}m_{011}^{(00)}m_{120}^{(21)} + m_{100}^{(22)}m_{011}^{(00)}m_{111}^{(11)}\\
&-2m_{100}^{(22)}m_{011}^{(00)}m_{021}^{(10)} - m_{100}^{(22)}m_{011}^{(10)}m_{210}^{(21)} - m_{100}^{(22)}m_{011}^{(10)}m_{201}^{(11)} - m_{100}^{(22)}m_{011}^{(10)}m_{120}^{(20)}
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\begin{aligned}
&+m_{100}^{(22)}m_{011}^{(10)}m_{111}^{(10)}+2m_{100}^{(22)}m_{011}^{(10)}m_{021}^{(00)}+m_{100}^{(22)}m_{011}^{(11)}m_{210}^{(20)}+m_{100}^{(22)}m_{011}^{(11)}m_{201}^{(10)}\\
&-2m_{100}^{(22)}m_{011}^{(11)}m_{111}^{(00)}-m_{100}^{(22)}m_{002}^{(00)}m_{120}^{(11)}+m_{100}^{(22)}m_{002}^{(00)}m_{030}^{(10)}+m_{100}^{(22)}m_{002}^{(10)}m_{210}^{(11)}\\
&-m_{100}^{(22)}m_{002}^{(10)}m_{030}^{(00)}-m_{100}^{(22)}m_{002}^{(11)}m_{210}^{(10)}+m_{100}^{(22)}m_{002}^{(11)}m_{120}^{(00)}-m_{010}^{(00)}m_{200}^{(11)}m_{012}^{(22)}\\
&+m_{010}^{(00)}m_{200}^{(11)}m_{003}^{(21)}+m_{010}^{(00)}m_{200}^{(21)}m_{021}^{(22)}-m_{010}^{(00)}m_{200}^{(21)}m_{003}^{(11)}-m_{010}^{(00)}m_{200}^{(22)}m_{021}^{(21)}\\
&+m_{010}^{(00)}m_{200}^{(22)}m_{012}^{(11)}+m_{010}^{(00)}m_{110}^{(11)}m_{102}^{(22)}-m_{010}^{(00)}m_{110}^{(11)}m_{003}^{(20)}-m_{010}^{(00)}m_{110}^{(21)}m_{111}^{(22)}\\
&-m_{010}^{(00)}m_{110}^{(21)}m_{102}^{(21)}+m_{010}^{(00)}m_{110}^{(21)}m_{012}^{(20)}+m_{010}^{(00)}m_{110}^{(21)}m_{003}^{(10)}+m_{010}^{(00)}m_{110}^{(22)}m_{111}^{(21)}\\
&-m_{010}^{(00)}m_{110}^{(22)}m_{012}^{(10)}+m_{010}^{(00)}m_{101}^{(11)}m_{111}^{(22)}-2m_{010}^{(00)}m_{101}^{(11)}m_{102}^{(21)}+m_{010}^{(00)}m_{101}^{(11)}m_{012}^{(20)}\\
&-m_{010}^{(00)}m_{101}^{(21)}m_{120}^{(22)}+m_{010}^{(00)}m_{101}^{(21)}m_{111}^{(21)}+2m_{010}^{(00)}m_{101}^{(21)}m_{102}^{(11)}-m_{010}^{(00)}m_{101}^{(21)}m_{021}^{(20)}\\
&-m_{010}^{(00)}m_{101}^{(21)}m_{012}^{(10)}+m_{010}^{(00)}m_{101}^{(22)}m_{120}^{(21)}-2m_{010}^{(00)}m_{101}^{(22)}m_{111}^{(11)}+m_{010}^{(00)}m_{101}^{(22)}m_{021}^{(10)}\\
&-m_{010}^{(00)}m_{011}^{(11)}m_{201}^{(22)}+m_{010}^{(00)}m_{011}^{(11)}m_{102}^{(20)}+m_{010}^{(00)}m_{011}^{(21)}m_{210}^{(22)}+m_{010}^{(00)}m_{011}^{(21)}m_{201}^{(21)}\\
&-m_{010}^{(00)}m_{011}^{(21)}m_{111}^{(20)}-m_{010}^{(00)}m_{011}^{(21)}m_{102}^{(10)}-m_{010}^{(00)}m_{011}^{(22)}m_{210}^{(21)}+m_{010}^{(00)}m_{011}^{(22)}m_{111}^{(10)}\\
&+m_{010}^{(00)}m_{002}^{(11)}m_{201}^{(21)}-m_{010}^{(00)}m_{002}^{(11)}m_{111}^{(20)}-m_{010}^{(00)}m_{002}^{(21)}m_{210}^{(21)}-m_{010}^{(00)}m_{002}^{(21)}m_{201}^{(11)}\\
&+m_{010}^{(00)}m_{002}^{(21)}m_{120}^{(20)}+m_{010}^{(00)}m_{002}^{(21)}m_{111}^{(10)}+m_{010}^{(00)}m_{002}^{(22)}m_{210}^{(11)}-m_{010}^{(00)}m_{002}^{(22)}m_{120}^{(10)}\\
&+2m_{010}^{(10)}m_{200}^{(10)}m_{012}^{(22)}-2m_{010}^{(10)}m_{200}^{(10)}m_{003}^{(21)}-m_{010}^{(10)}m_{200}^{(20)}m_{021}^{(22)}+m_{010}^{(10)}m_{200}^{(20)}m_{003}^{(11)}\\
&-m_{010}^{(10)}m_{200}^{(21)}m_{111}^{(22)}+m_{010}^{(10)}m_{200}^{(21)}m_{102}^{(21)}-m_{010}^{(10)}m_{200}^{(21)}m_{012}^{(20)}+m_{010}^{(10)}m_{200}^{(21)}m_{003}^{(10)}\\
&+m_{010}^{(10)}m_{200}^{(22)}m_{111}^{(21)}-m_{010}^{(10)}m_{200}^{(22)}m_{102}^{(11)}+m_{010}^{(10)}m_{200}^{(22)}m_{021}^{(20)}-m_{010}^{(10)}m_{200}^{(22)}m_{012}^{(10)}\\
&-2m_{010}^{(10)}m_{110}^{(10)}m_{102}^{(22)}+2m_{010}^{(10)}m_{110}^{(10)}m_{003}^{(20)}+m_{010}^{(10)}m_{110}^{(20)}m_{111}^{(22)}+m_{010}^{(10)}m_{110}^{(20)}m_{102}^{(21)}\\
&-m_{010}^{(10)}m_{110}^{(20)}m_{012}^{(20)}-m_{010}^{(10)}m_{110}^{(20)}m_{003}^{(10)}+m_{010}^{(10)}m_{110}^{(21)}m_{201}^{(22)}-m_{010}^{(10)}m_{110}^{(21)}m_{003}^{(00)}\\
&-m_{010}^{(10)}m_{110}^{(22)}m_{201}^{(21)}-m_{010}^{(10)}m_{110}^{(22)}m_{111}^{(20)}+m_{010}^{(10)}m_{110}^{(22)}m_{102}^{(10)}+m_{010}^{(10)}m_{110}^{(22)}m_{012}^{(00)}\\
&-2m_{010}^{(10)}m_{101}^{(10)}m_{111}^{(22)}+4m_{010}^{(10)}m_{101}^{(10)}m_{102}^{(21)}-2m_{010}^{(10)}m_{101}^{(10)}m_{012}^{(20)}+m_{010}^{(10)}m_{101}^{(20)}m_{120}^{(22)}\\
&-m_{010}^{(10)}m_{101}^{(20)}m_{111}^{(21)}-2m_{010}^{(10)}m_{101}^{(20)}m_{102}^{(11)}+m_{010}^{(10)}m_{101}^{(20)}m_{021}^{(20)}+m_{010}^{(10)}m_{101}^{(20)}m_{012}^{(10)}\\
&+m_{010}^{(10)}m_{101}^{(21)}m_{210}^{(22)}-2m_{010}^{(10)}m_{101}^{(21)}m_{201}^{(21)}+2m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(20)}-2m_{010}^{(10)}m_{101}^{(21)}m_{102}^{(10)}\\
&+m_{010}^{(10)}m_{101}^{(21)}m_{012}^{(00)}-m_{010}^{(10)}m_{101}^{(22)}m_{210}^{(21)}+2m_{010}^{(10)}m_{101}^{(22)}m_{201}^{(11)}-m_{010}^{(10)}m_{101}^{(22)}m_{120}^{(20)}\\
&+m_{010}^{(10)}m_{101}^{(22)}m_{111}^{(10)}-m_{010}^{(10)}m_{101}^{(22)}m_{021}^{(00)}+2m_{010}^{(10)}m_{011}^{(10)}m_{201}^{(22)}-2m_{010}^{(10)}m_{011}^{(10)}m_{102}^{(20)}\\
&-m_{010}^{(10)}m_{011}^{(20)}m_{210}^{(22)}-m_{010}^{(10)}m_{011}^{(20)}m_{201}^{(21)}+m_{010}^{(10)}m_{011}^{(20)}m_{111}^{(20)}+m_{010}^{(10)}m_{011}^{(20)}m_{102}^{(10)}\\
&-m_{010}^{(10)}m_{011}^{(21)}m_{300}^{(22)}+m_{010}^{(10)}m_{011}^{(21)}m_{102}^{(00)}+m_{010}^{(10)}m_{011}^{(22)}m_{300}^{(21)}+m_{010}^{(10)}m_{011}^{(22)}m_{210}^{(20)}\\
&-m_{010}^{(10)}m_{011}^{(22)}m_{201}^{(10)}-m_{010}^{(10)}m_{011}^{(22)}m_{111}^{(00)}-2m_{010}^{(10)}m_{002}^{(10)}m_{201}^{(21)}+2m_{010}^{(10)}m_{002}^{(10)}m_{111}^{(20)}\\
&+m_{010}^{(10)}m_{002}^{(20)}m_{210}^{(21)}+m_{010}^{(10)}m_{002}^{(20)}m_{201}^{(11)}-m_{010}^{(10)}m_{002}^{(20)}m_{120}^{(20)}-m_{010}^{(10)}m_{002}^{(20)}m_{111}^{(10)}\\
&+m_{010}^{(10)}m_{002}^{(21)}m_{300}^{(21)}-m_{010}^{(10)}m_{002}^{(21)}m_{210}^{(20)}+m_{010}^{(10)}m_{002}^{(21)}m_{201}^{(10)}-m_{010}^{(10)}m_{002}^{(21)}m_{111}^{(00)}\\
&-m_{010}^{(10)}m_{002}^{(22)}m_{300}^{(11)}+m_{010}^{(10)}m_{002}^{(22)}m_{120}^{(00)}-m_{010}^{(11)}m_{200}^{(00)}m_{012}^{(22)}+m_{010}^{(11)}m_{200}^{(00)}m_{003}^{(21)}\\
&+m_{010}^{(11)}m_{200}^{(20)}m_{111}^{(22)}-m_{010}^{(11)}m_{200}^{(20)}m_{102}^{(21)}+m_{010}^{(11)}m_{200}^{(20)}m_{012}^{(20)}-m_{010}^{(11)}m_{200}^{(20)}m_{003}^{(10)}\\
&-m_{010}^{(11)}m_{200}^{(22)}m_{111}^{(20)}+m_{010}^{(11)}m_{200}^{(22)}m_{102}^{(10)}+m_{010}^{(11)}m_{110}^{(00)}m_{102}^{(22)}-m_{010}^{(11)}m_{110}^{(00)}m_{003}^{(20)}\\
&-m_{010}^{(11)}m_{110}^{(20)}m_{201}^{(22)}+m_{010}^{(11)}m_{110}^{(20)}m_{003}^{(00)}+m_{010}^{(11)}m_{110}^{(22)}m_{201}^{(20)}-m_{010}^{(11)}m_{110}^{(22)}m_{102}^{(00)}\\
&+m_{010}^{(11)}m_{101}^{(00)}m_{111}^{(22)}-2m_{010}^{(11)}m_{101}^{(00)}m_{102}^{(21)}+m_{010}^{(11)}m_{101}^{(00)}m_{012}^{(20)}-m_{010}^{(11)}m_{101}^{(20)}m_{210}^{(22)}\\
&+2m_{010}^{(11)}m_{101}^{(20)}m_{201}^{(21)}-2m_{010}^{(11)}m_{101}^{(20)}m_{111}^{(20)}+2m_{010}^{(11)}m_{101}^{(20)}m_{102}^{(10)}-m_{010}^{(11)}m_{101}^{(20)}m_{012}^{(00)}\\
&+m_{010}^{(11)}m_{101}^{(22)}m_{210}^{(20)}-2m_{010}^{(11)}m_{101}^{(22)}m_{201}^{(10)}+m_{010}^{(11)}m_{101}^{(22)}m_{111}^{(00)}-m_{010}^{(11)}m_{011}^{(00)}m_{201}^{(22)}\\
&+m_{010}^{(11)}m_{011}^{(00)}m_{102}^{(20)}+m_{010}^{(11)}m_{011}^{(20)}m_{300}^{(22)}-m_{010}^{(11)}m_{011}^{(20)}m_{102}^{(00)}-m_{010}^{(11)}m_{011}^{(22)}m_{300}^{(20)}\\
&+m_{010}^{(11)}m_{011}^{(22)}m_{201}^{(00)}+m_{010}^{(11)}m_{002}^{(00)}m_{201}^{(21)}-m_{010}^{(11)}m_{002}^{(00)}m_{111}^{(20)}-m_{010}^{(11)}m_{002}^{(20)}m_{300}^{(21)}
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&+m_{010}^{(11)}m_{002}^{(20)}m_{210}^{(20)} - m_{010}^{(11)}m_{002}^{(20)}m_{201}^{(10)} + m_{010}^{(11)}m_{002}^{(20)}m_{111}^{(00)} + m_{010}^{(11)}m_{002}^{(22)}m_{300}^{(10)}\\
&-m_{010}^{(11)}m_{002}^{(22)}m_{210}^{(00)} - m_{010}^{(20)}m_{200}^{(10)}m_{021}^{(22)} + m_{010}^{(20)}m_{200}^{(10)}m_{003}^{(11)} + m_{010}^{(20)}m_{200}^{(11)}m_{111}^{(22)}\\
&-m_{010}^{(20)}m_{200}^{(11)}m_{102}^{(21)} + m_{010}^{(20)}m_{200}^{(11)}m_{012}^{(20)} - m_{010}^{(20)}m_{200}^{(11)}m_{003}^{(10)} + 2m_{010}^{(20)}m_{200}^{(20)}m_{021}^{(21)}\\
&-2m_{010}^{(20)}m_{200}^{(20)}m_{012}^{(11)} - m_{010}^{(20)}m_{200}^{(21)}m_{111}^{(21)} + m_{010}^{(20)}m_{200}^{(21)}m_{102}^{(11)} - m_{010}^{(20)}m_{200}^{(21)}m_{021}^{(20)}\\
&+m_{010}^{(20)}m_{200}^{(21)}m_{012}^{(10)} + m_{010}^{(20)}m_{110}^{(10)}m_{111}^{(22)} + m_{010}^{(20)}m_{110}^{(10)}m_{102}^{(21)} - m_{010}^{(20)}m_{110}^{(10)}m_{012}^{(20)}\\
&-m_{010}^{(20)}m_{110}^{(10)}m_{003}^{(10)} - m_{010}^{(20)}m_{110}^{(11)}m_{201}^{(22)} + m_{010}^{(20)}m_{110}^{(11)}m_{003}^{(00)} - 2m_{010}^{(20)}m_{110}^{(20)}m_{111}^{(21)}\\
&+2m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(10)} + m_{010}^{(20)}m_{110}^{(21)}m_{201}^{(21)} + m_{010}^{(20)}m_{110}^{(21)}m_{111}^{(20)} - m_{010}^{(20)}m_{110}^{(21)}m_{102}^{(10)}\\
&-m_{010}^{(20)}m_{110}^{(21)}m_{012}^{(00)} + m_{010}^{(20)}m_{101}^{(10)}m_{120}^{(22)} - m_{010}^{(20)}m_{101}^{(10)}m_{111}^{(21)} - 2m_{010}^{(20)}m_{101}^{(10)}m_{102}^{(11)}\\
&+m_{010}^{(20)}m_{101}^{(10)}m_{021}^{(20)} + m_{010}^{(20)}m_{101}^{(10)}m_{012}^{(10)} - m_{010}^{(20)}m_{101}^{(11)}m_{210}^{(22)} + 2m_{010}^{(20)}m_{101}^{(11)}m_{201}^{(21)}\\
&-2m_{010}^{(20)}m_{101}^{(11)}m_{111}^{(20)} + 2m_{010}^{(20)}m_{101}^{(11)}m_{102}^{(10)} - m_{010}^{(20)}m_{101}^{(11)}m_{012}^{(00)} - 2m_{010}^{(20)}m_{101}^{(20)}m_{120}^{(21)}\\
&+4m_{010}^{(20)}m_{101}^{(20)}m_{111}^{(11)} - 2m_{010}^{(20)}m_{101}^{(20)}m_{021}^{(10)} + m_{010}^{(20)}m_{101}^{(21)}m_{210}^{(21)} - 2m_{010}^{(20)}m_{101}^{(21)}m_{201}^{(11)}\\
&+m_{010}^{(20)}m_{101}^{(21)}m_{120}^{(20)} - m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(10)} + m_{010}^{(20)}m_{101}^{(21)}m_{021}^{(00)} - m_{010}^{(20)}m_{011}^{(10)}m_{210}^{(22)}\\
&-m_{010}^{(20)}m_{011}^{(10)}m_{201}^{(21)} + m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(20)} + m_{010}^{(20)}m_{011}^{(10)}m_{102}^{(10)} + m_{010}^{(20)}m_{011}^{(11)}m_{300}^{(22)}\\
&-m_{010}^{(20)}m_{011}^{(11)}m_{102}^{(00)} + 2m_{010}^{(20)}m_{011}^{(20)}m_{210}^{(21)} - 2m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(10)} - m_{010}^{(20)}m_{011}^{(21)}m_{300}^{(21)}\\
&-m_{010}^{(20)}m_{011}^{(21)}m_{210}^{(20)} + m_{010}^{(20)}m_{011}^{(21)}m_{201}^{(10)} + m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(00)} + m_{010}^{(20)}m_{002}^{(10)}m_{210}^{(21)}\\
&+m_{010}^{(20)}m_{002}^{(10)}m_{201}^{(11)} - m_{010}^{(20)}m_{002}^{(10)}m_{120}^{(20)} - m_{010}^{(20)}m_{002}^{(10)}m_{111}^{(10)} - m_{010}^{(20)}m_{002}^{(11)}m_{300}^{(21)}\\
&+m_{010}^{(20)}m_{002}^{(11)}m_{210}^{(20)} - m_{010}^{(20)}m_{002}^{(11)}m_{201}^{(10)} + m_{010}^{(20)}m_{002}^{(11)}m_{111}^{(00)} - 2m_{010}^{(20)}m_{002}^{(20)}m_{210}^{(11)}\\
&+2m_{010}^{(20)}m_{002}^{(20)}m_{120}^{(10)} + m_{010}^{(20)}m_{002}^{(21)}m_{300}^{(11)} - m_{010}^{(20)}m_{002}^{(21)}m_{120}^{(00)} + m_{010}^{(21)}m_{200}^{(00)}m_{021}^{(22)}\\
&-m_{010}^{(21)}m_{200}^{(00)}m_{003}^{(11)} - m_{010}^{(21)}m_{200}^{(10)}m_{111}^{(22)} + m_{010}^{(21)}m_{200}^{(10)}m_{102}^{(21)} - m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(20)}\\
&+m_{010}^{(21)}m_{200}^{(10)}m_{003}^{(10)} - m_{010}^{(21)}m_{200}^{(20)}m_{111}^{(21)} + m_{010}^{(21)}m_{200}^{(20)}m_{102}^{(11)} - m_{010}^{(21)}m_{200}^{(20)}m_{021}^{(20)}\\
&+m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(10)} + 2m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(20)} - 2m_{010}^{(21)}m_{200}^{(21)}m_{102}^{(10)} - m_{010}^{(21)}m_{110}^{(00)}m_{111}^{(22)}\\
&-m_{010}^{(21)}m_{110}^{(00)}m_{102}^{(21)} + m_{010}^{(21)}m_{110}^{(00)}m_{012}^{(20)} + m_{010}^{(21)}m_{110}^{(00)}m_{003}^{(10)} + m_{010}^{(21)}m_{110}^{(10)}m_{201}^{(22)}\\
&-m_{010}^{(21)}m_{110}^{(10)}m_{003}^{(00)} + m_{010}^{(21)}m_{110}^{(20)}m_{201}^{(21)} + m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(20)} - m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(10)}\\
&-m_{010}^{(21)}m_{110}^{(20)}m_{012}^{(00)} - 2m_{010}^{(21)}m_{110}^{(21)}m_{201}^{(20)} + 2m_{010}^{(21)}m_{110}^{(21)}m_{102}^{(00)} - m_{010}^{(21)}m_{101}^{(00)}m_{120}^{(22)}\\
&+m_{010}^{(21)}m_{101}^{(00)}m_{111}^{(21)} + 2m_{010}^{(21)}m_{101}^{(00)}m_{102}^{(11)} - m_{010}^{(21)}m_{101}^{(00)}m_{021}^{(20)} - m_{010}^{(21)}m_{101}^{(00)}m_{012}^{(10)}\\
&+m_{010}^{(21)}m_{101}^{(10)}m_{210}^{(22)} - 2m_{010}^{(21)}m_{101}^{(10)}m_{201}^{(21)} + 2m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(20)} - 2m_{010}^{(21)}m_{101}^{(10)}m_{102}^{(10)}\\
&+m_{010}^{(21)}m_{101}^{(10)}m_{012}^{(00)} + m_{010}^{(21)}m_{101}^{(20)}m_{210}^{(21)} - 2m_{010}^{(21)}m_{101}^{(20)}m_{201}^{(11)} + m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(20)}\\
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&-m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(20)} + m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(10)} + m_{010}^{(21)}m_{011}^{(20)}m_{111}^{(00)} + 2m_{010}^{(21)}m_{011}^{(21)}m_{300}^{(20)}\\
&-2m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(00)} - m_{010}^{(21)}m_{002}^{(00)}m_{210}^{(21)} - m_{010}^{(21)}m_{002}^{(00)}m_{201}^{(11)} + m_{010}^{(21)}m_{002}^{(00)}m_{120}^{(20)}\\
&+m_{010}^{(21)}m_{002}^{(00)}m_{111}^{(10)} + m_{010}^{(21)}m_{002}^{(10)}m_{300}^{(21)} - m_{010}^{(21)}m_{002}^{(10)}m_{210}^{(20)} + m_{010}^{(21)}m_{002}^{(10)}m_{201}^{(10)}\\
&-m_{010}^{(21)}m_{002}^{(10)}m_{111}^{(00)} + m_{010}^{(21)}m_{002}^{(20)}m_{300}^{(11)} - m_{010}^{(21)}m_{002}^{(20)}m_{120}^{(00)} - 2m_{010}^{(21)}m_{002}^{(21)}m_{300}^{(10)}\\
&+2m_{010}^{(21)}m_{002}^{(21)}m_{210}^{(00)} - m_{010}^{(22)}m_{200}^{(00)}m_{021}^{(21)} + m_{010}^{(22)}m_{200}^{(00)}m_{012}^{(11)} + m_{010}^{(22)}m_{200}^{(10)}m_{111}^{(21)}\\
&-m_{010}^{(22)}m_{200}^{(10)}m_{102}^{(11)} + m_{010}^{(22)}m_{200}^{(10)}m_{021}^{(20)} - m_{010}^{(22)}m_{200}^{(10)}m_{012}^{(10)} - m_{010}^{(22)}m_{200}^{(11)}m_{111}^{(20)}\\
&+m_{010}^{(22)}m_{200}^{(11)}m_{102}^{(10)} + m_{010}^{(22)}m_{110}^{(00)}m_{111}^{(21)} - m_{010}^{(22)}m_{110}^{(00)}m_{012}^{(10)} - m_{010}^{(22)}m_{110}^{(10)}m_{201}^{(21)}\\
&-m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(20)} + m_{010}^{(22)}m_{110}^{(10)}m_{102}^{(10)} + m_{010}^{(22)}m_{110}^{(10)}m_{012}^{(00)} + m_{010}^{(22)}m_{110}^{(11)}m_{201}^{(20)}
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\begin{aligned}
&-m_{010}^{(22)}m_{110}^{(11)}m_{102}^{(00)}+m_{010}^{(22)}m_{101}^{(00)}m_{120}^{(21)}-2m_{010}^{(22)}m_{101}^{(00)}m_{111}^{(11)}+m_{010}^{(22)}m_{101}^{(00)}m_{021}^{(10)}\\
&-m_{010}^{(22)}m_{101}^{(10)}m_{210}^{(21)}+2m_{010}^{(22)}m_{101}^{(10)}m_{201}^{(11)}-m_{010}^{(22)}m_{101}^{(10)}m_{120}^{(20)}+m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(10)}\\
&-m_{010}^{(22)}m_{101}^{(10)}m_{021}^{(00)}+m_{010}^{(22)}m_{101}^{(11)}m_{210}^{(20)}-2m_{010}^{(22)}m_{101}^{(11)}m_{201}^{(10)}+m_{010}^{(22)}m_{101}^{(11)}m_{111}^{(00)}\\
&-m_{010}^{(22)}m_{011}^{(00)}m_{210}^{(21)}+m_{010}^{(22)}m_{011}^{(00)}m_{111}^{(10)}+m_{010}^{(22)}m_{011}^{(10)}m_{300}^{(21)}+m_{010}^{(22)}m_{011}^{(10)}m_{210}^{(20)}\\
&-m_{010}^{(22)}m_{011}^{(10)}m_{201}^{(10)}-m_{010}^{(22)}m_{011}^{(10)}m_{111}^{(00)}-m_{010}^{(22)}m_{011}^{(11)}m_{300}^{(20)}+m_{010}^{(22)}m_{011}^{(11)}m_{201}^{(00)}\\
&+m_{010}^{(22)}m_{002}^{(00)}m_{210}^{(11)}-m_{010}^{(22)}m_{002}^{(00)}m_{120}^{(10)}-m_{010}^{(22)}m_{002}^{(10)}m_{300}^{(11)}+m_{010}^{(22)}m_{002}^{(10)}m_{120}^{(00)}\\
&+m_{010}^{(22)}m_{002}^{(11)}m_{300}^{(10)}-m_{010}^{(22)}m_{002}^{(11)}m_{210}^{(00)}+m_{001}^{(00)}m_{200}^{(11)}m_{021}^{(22)}-m_{001}^{(00)}m_{200}^{(11)}m_{012}^{(21)}\\
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&+m_{001}^{(00)}m_{110}^{(21)}m_{111}^{(21)}-m_{001}^{(00)}m_{110}^{(21)}m_{102}^{(11)}-m_{001}^{(00)}m_{110}^{(21)}m_{021}^{(20)}-m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(10)}\\
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&-m_{001}^{(00)}m_{101}^{(11)}m_{021}^{(20)}-m_{001}^{(00)}m_{101}^{(21)}m_{120}^{(21)}-m_{001}^{(00)}m_{101}^{(21)}m_{111}^{(11)}+m_{001}^{(00)}m_{101}^{(21)}m_{030}^{(20)}\\
&+m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(10)}+m_{001}^{(00)}m_{101}^{(22)}m_{120}^{(11)}-m_{001}^{(00)}m_{101}^{(22)}m_{030}^{(10)}+m_{001}^{(00)}m_{020}^{(11)}m_{201}^{(22)}\\
&-m_{001}^{(00)}m_{020}^{(11)}m_{102}^{(20)}-m_{001}^{(00)}m_{020}^{(21)}m_{210}^{(22)}-m_{001}^{(00)}m_{020}^{(21)}m_{201}^{(21)}+m_{001}^{(00)}m_{020}^{(21)}m_{111}^{(20)}\\
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&+2m_{001}^{(10)}m_{200}^{(10)}m_{012}^{(21)}+m_{001}^{(10)}m_{200}^{(20)}m_{030}^{(22)}-m_{001}^{(10)}m_{200}^{(20)}m_{012}^{(11)}+m_{001}^{(10)}m_{200}^{(21)}m_{120}^{(22)}\\
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&+m_{001}^{(10)}m_{200}^{(22)}m_{111}^{(11)}-m_{001}^{(10)}m_{200}^{(22)}m_{030}^{(20)}+m_{001}^{(10)}m_{200}^{(22)}m_{021}^{(10)}+4m_{001}^{(10)}m_{110}^{(10)}m_{111}^{(22)}\\
&-2m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(21)}-2m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(20)}-2m_{001}^{(10)}m_{110}^{(20)}m_{120}^{(22)}-m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(21)}\\
&+m_{001}^{(10)}m_{110}^{(20)}m_{102}^{(11)}+m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(20)}+m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(10)}-2m_{001}^{(10)}m_{110}^{(21)}m_{210}^{(22)}\\
&+m_{001}^{(10)}m_{110}^{(21)}m_{201}^{(21)}-m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(20)}+m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(10)}+m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(00)}\\
&+2m_{001}^{(10)}m_{110}^{(22)}m_{210}^{(21)}-m_{001}^{(10)}m_{110}^{(22)}m_{201}^{(11)}+2m_{001}^{(10)}m_{110}^{(22)}m_{120}^{(20)}-2m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(10)}\\
&-m_{001}^{(10)}m_{110}^{(22)}m_{021}^{(00)}-2m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(21)}+2m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(20)}+m_{001}^{(10)}m_{101}^{(20)}m_{120}^{(21)}\\
&+m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(11)}-m_{001}^{(10)}m_{101}^{(20)}m_{030}^{(20)}-m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(10)}+m_{001}^{(10)}m_{101}^{(21)}m_{210}^{(21)}\\
&-m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(20)}+m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(10)}-m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(00)}-m_{001}^{(10)}m_{101}^{(22)}m_{210}^{(11)}\\
&+m_{001}^{(10)}m_{101}^{(22)}m_{030}^{(00)}-2m_{001}^{(10)}m_{020}^{(10)}m_{201}^{(22)}+2m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(20)}+m_{001}^{(10)}m_{020}^{(20)}m_{210}^{(22)}\\
&+m_{001}^{(10)}m_{020}^{(20)}m_{201}^{(21)}-m_{001}^{(10)}m_{020}^{(20)}m_{111}^{(20)}-m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(10)}+m_{001}^{(10)}m_{020}^{(21)}m_{300}^{(22)}\\
&-m_{001}^{(10)}m_{020}^{(21)}m_{102}^{(00)}-m_{001}^{(10)}m_{020}^{(22)}m_{300}^{(21)}-m_{001}^{(10)}m_{020}^{(22)}m_{210}^{(20)}+m_{001}^{(10)}m_{020}^{(22)}m_{201}^{(10)}\\
&+m_{001}^{(10)}m_{020}^{(22)}m_{111}^{(00)}+2m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(21)}-2m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(20)}-m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(21)}\\
&-m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(11)}+m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(20)}+m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(10)}-m_{001}^{(10)}m_{011}^{(21)}m_{300}^{(21)}\\
&+m_{001}^{(10)}m_{011}^{(21)}m_{210}^{(20)}-m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(10)}+m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(00)}+m_{001}^{(10)}m_{011}^{(22)}m_{300}^{(11)}\\
&-m_{001}^{(10)}m_{011}^{(22)}m_{120}^{(00)}+m_{001}^{(11)}m_{200}^{(00)}m_{021}^{(22)}-m_{001}^{(11)}m_{200}^{(00)}m_{012}^{(20)}-m_{001}^{(11)}m_{200}^{(20)}m_{120}^{(20)}\\
&+m_{001}^{(11)}m_{200}^{(20)}m_{111}^{(20)}-m_{001}^{(11)}m_{200}^{(20)}m_{021}^{(20)}+m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(10)}+m_{001}^{(11)}m_{200}^{(22)}m_{120}^{(20)}\\
&-m_{001}^{(11)}m_{200}^{(22)}m_{111}^{(10)}-2m_{001}^{(11)}m_{110}^{(00)}m_{111}^{(22)}+m_{001}^{(11)}m_{110}^{(00)}m_{102}^{(21)}+m_{001}^{(11)}m_{110}^{(00)}m_{012}^{(20)}\\
&+2m_{001}^{(11)}m_{110}^{(20)}m_{210}^{(22)}-m_{001}^{(11)}m_{110}^{(20)}m_{201}^{(21)}+m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(20)}-m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(10)}\\
&-m_{001}^{(11)}m_{110}^{(20)}m_{012}^{(00)}-2m_{001}^{(11)}m_{110}^{(22)}m_{210}^{(20)}+m_{001}^{(11)}m_{110}^{(22)}m_{201}^{(10)}+m_{001}^{(11)}m_{110}^{(22)}m_{111}^{(00)}
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&+m_{001}^{(11)}m_{101}^{(00)}m_{111}^{(21)} - m_{001}^{(11)}m_{101}^{(00)}m_{021}^{(20)} - m_{001}^{(11)}m_{101}^{(20)}m_{210}^{(21)} + m_{001}^{(11)}m_{101}^{(20)}m_{120}^{(20)}\\
&-m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(10)} + m_{001}^{(11)}m_{101}^{(20)}m_{021}^{(00)} + m_{001}^{(11)}m_{101}^{(22)}m_{210}^{(10)} - m_{001}^{(11)}m_{101}^{(22)}m_{120}^{(00)}\\
&+m_{001}^{(11)}m_{020}^{(00)}m_{201}^{(22)} - m_{001}^{(11)}m_{020}^{(00)}m_{102}^{(20)} - m_{001}^{(11)}m_{020}^{(20)}m_{300}^{(22)} + m_{001}^{(11)}m_{020}^{(20)}m_{102}^{(00)}\\
&+m_{001}^{(11)}m_{020}^{(22)}m_{300}^{(20)} - m_{001}^{(11)}m_{020}^{(22)}m_{201}^{(00)} - m_{001}^{(11)}m_{011}^{(00)}m_{201}^{(21)} + m_{001}^{(11)}m_{011}^{(00)}m_{111}^{(20)}\\
&+m_{001}^{(11)}m_{011}^{(20)}m_{300}^{(21)} - m_{001}^{(11)}m_{011}^{(20)}m_{210}^{(20)} + m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(10)} - m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(00)}\\
&-m_{001}^{(11)}m_{011}^{(22)}m_{300}^{(10)} + m_{001}^{(11)}m_{011}^{(22)}m_{210}^{(00)} + m_{001}^{(20)}m_{200}^{(10)}m_{030}^{(22)} - m_{001}^{(20)}m_{200}^{(10)}m_{012}^{(11)}\\
&-m_{001}^{(20)}m_{200}^{(11)}m_{120}^{(22)} + m_{001}^{(20)}m_{200}^{(11)}m_{111}^{(21)} - m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(20)} + m_{001}^{(20)}m_{200}^{(11)}m_{012}^{(10)}\\
&-2m_{001}^{(20)}m_{200}^{(20)}m_{030}^{(21)} + 2m_{001}^{(20)}m_{200}^{(20)}m_{021}^{(11)} + m_{001}^{(20)}m_{200}^{(21)}m_{120}^{(21)} - m_{001}^{(20)}m_{200}^{(21)}m_{111}^{(11)}\\
&+m_{001}^{(20)}m_{200}^{(21)}m_{030}^{(20)} - m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(10)} - 2m_{001}^{(20)}m_{110}^{(10)}m_{120}^{(22)} - m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(21)}\\
&+m_{001}^{(20)}m_{110}^{(10)}m_{102}^{(11)} + m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(20)} + m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(10)} + 2m_{001}^{(20)}m_{110}^{(11)}m_{210}^{(22)}\\
&-m_{001}^{(20)}m_{110}^{(11)}m_{201}^{(21)} + m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(20)} - m_{001}^{(20)}m_{110}^{(11)}m_{102}^{(10)} - m_{001}^{(20)}m_{110}^{(11)}m_{012}^{(00)}\\
&+4m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(21)} - 2m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(11)} - 2m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(10)} - 2m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(21)}\\
&+m_{001}^{(20)}m_{110}^{(21)}m_{201}^{(11)} - 2m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(20)} + 2m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(10)} + m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(00)}\\
&+m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(21)} + m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(11)} - m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(20)} - m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(10)}\\
&-m_{001}^{(20)}m_{101}^{(11)}m_{210}^{(21)} + m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(20)} - m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(10)} + m_{001}^{(20)}m_{101}^{(11)}m_{021}^{(00)}\\
&-2m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(11)} + 2m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(10)} + m_{001}^{(20)}m_{101}^{(21)}m_{210}^{(11)} - m_{001}^{(20)}m_{101}^{(21)}m_{030}^{(00)}\\
&+m_{001}^{(20)}m_{020}^{(10)}m_{210}^{(22)} + m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(21)} - m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(20)} - m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(10)}\\
&-m_{001}^{(20)}m_{020}^{(11)}m_{300}^{(22)} + m_{001}^{(20)}m_{020}^{(11)}m_{102}^{(00)} - 2m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(21)} + 2m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(10)}\\
&+m_{001}^{(20)}m_{020}^{(21)}m_{300}^{(21)} + m_{001}^{(20)}m_{020}^{(21)}m_{210}^{(20)} - m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(10)} - m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(00)}\\
&-m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(21)} - m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(11)} + m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(20)} + m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(10)}\\
&+m_{001}^{(20)}m_{011}^{(11)}m_{300}^{(21)} - m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(20)} + m_{001}^{(20)}m_{011}^{(11)}m_{201}^{(10)} - m_{001}^{(20)}m_{011}^{(11)}m_{111}^{(00)}\\
&+2m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(11)} - 2m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(10)} - m_{001}^{(20)}m_{011}^{(21)}m_{300}^{(11)} + m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(00)}\\
&-m_{001}^{(21)}m_{200}^{(00)}m_{030}^{(22)} + m_{001}^{(21)}m_{200}^{(00)}m_{012}^{(11)} + m_{001}^{(21)}m_{200}^{(10)}m_{120}^{(22)} - m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(21)}\\
&+m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(20)} - m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(10)} + m_{001}^{(21)}m_{200}^{(20)}m_{120}^{(21)} - m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(11)}\\
&+m_{001}^{(21)}m_{200}^{(20)}m_{030}^{(20)} - m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(10)} - 2m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(20)} + 2m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(10)}\\
&+2m_{001}^{(21)}m_{110}^{(00)}m_{120}^{(22)} + m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(21)} - m_{001}^{(21)}m_{110}^{(00)}m_{102}^{(11)} - m_{001}^{(21)}m_{110}^{(00)}m_{021}^{(20)}\\
&-m_{001}^{(21)}m_{110}^{(00)}m_{012}^{(10)} - 2m_{001}^{(21)}m_{110}^{(10)}m_{210}^{(22)} + m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(21)} - m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(20)}\\
&+m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(10)} + m_{001}^{(21)}m_{110}^{(10)}m_{012}^{(00)} - 2m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(21)} + m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(11)}\\
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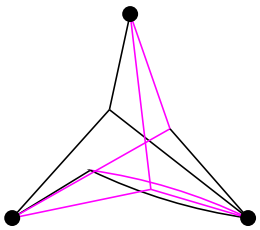
&+m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(10)} - m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(00)} + m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(11)} - m_{001}^{(21)}m_{101}^{(20)}m_{030}^{(00)}\\
&-2m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(10)} + 2m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(00)} - m_{001}^{(21)}m_{020}^{(00)}m_{210}^{(22)} - m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(21)}\\
&+m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(20)} + m_{001}^{(21)}m_{020}^{(00)}m_{102}^{(10)} + m_{001}^{(21)}m_{020}^{(10)}m_{300}^{(22)} - m_{001}^{(21)}m_{020}^{(10)}m_{102}^{(00)}\\
&+m_{001}^{(21)}m_{020}^{(20)}m_{300}^{(21)} + m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(20)} - m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(10)} - m_{001}^{(21)}m_{020}^{(20)}m_{111}^{(00)}\\
&-2m_{001}^{(21)}m_{020}^{(21)}m_{300}^{(20)} + 2m_{001}^{(21)}m_{020}^{(21)}m_{201}^{(00)} + m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(21)} + m_{001}^{(21)}m_{011}^{(00)}m_{201}^{(11)}\\
&-m_{001}^{(21)}m_{011}^{(00)}m_{120}^{(20)} - m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(10)} - m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(21)} + m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(20)}\\
&-m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(10)} + m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(00)} - m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(11)} + m_{001}^{(21)}m_{011}^{(20)}m_{120}^{(00)}
\end{aligned}
$$

$$
\begin{array}{l}
+2m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(10)} - 2m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(00)} + m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(21)} - m_{001}^{(22)}m_{200}^{(00)}m_{021}^{(11)} \\
-m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(21)} + m_{001}^{(22)}m_{200}^{(10)}m_{111}^{(11)} - m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(20)} + m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(10)} \\
+m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(20)} - m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(10)} - 2m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(21)} + m_{001}^{(22)}m_{110}^{(00)}m_{111}^{(11)} \\
+m_{001}^{(22)}m_{110}^{(00)}m_{021}^{(10)} + 2m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(21)} - m_{001}^{(22)}m_{110}^{(10)}m_{201}^{(11)} + 2m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(20)} \\
-2m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(10)} - m_{001}^{(22)}m_{110}^{(10)}m_{021}^{(00)} - 2m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(20)} + m_{001}^{(22)}m_{110}^{(11)}m_{201}^{(10)} \\
+m_{001}^{(22)}m_{110}^{(11)}m_{111}^{(00)} + m_{001}^{(22)}m_{101}^{(00)}m_{120}^{(11)} - m_{001}^{(22)}m_{101}^{(00)}m_{030}^{(10)} - m_{001}^{(22)}m_{101}^{(10)}m_{210}^{(11)} \\
+m_{001}^{(22)}m_{101}^{(10)}m_{030}^{(00)} + m_{001}^{(22)}m_{101}^{(11)}m_{210}^{(10)} - m_{001}^{(22)}m_{101}^{(11)}m_{120}^{(00)} + m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(21)} \\
-m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(10)} - m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(21)} - m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(20)} + m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(10)} \\
+m_{001}^{(22)}m_{020}^{(10)}m_{111}^{(00)} + m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(20)} - m_{001}^{(22)}m_{020}^{(11)}m_{201}^{(00)} - m_{001}^{(22)}m_{011}^{(00)}m_{210}^{(11)} \\
+m_{001}^{(22)}m_{011}^{(00)}m_{120}^{(10)} + m_{001}^{(22)}m_{011}^{(10)}m_{300}^{(11)} - m_{001}^{(22)}m_{011}^{(10)}m_{120}^{(00)} - m_{001}^{(22)}m_{011}^{(11)}m_{300}^{(10)} \\
+m_{001}^{(22)}m_{011}^{(11)}m_{210}^{(00)}
\end{array}
$$

Generating graph:

$$
\begin{array}{llll}
V1 & V1 & 1 & 1 \\
V2 & V2 & 2 & V3 \\
V3 & 3 & 3 & 3
\end{array}
$$



$$
\begin{array}{rcl}
T_{68} & = & m_{100}^{(00)}m_{110}^{(11)}m_{012}^{(22)} - m_{100}^{(00)}m_{110}^{(11)}m_{003}^{(21)} - 2m_{100}^{(00)}m_{110}^{(21)}m_{021}^{(22)} + 2m_{100}^{(00)}m_{110}^{(21)}m_{012}^{(21)} \\
 & & +m_{100}^{(00)}m_{110}^{(22)}m_{030}^{(22)} - m_{100}^{(00)}m_{110}^{(22)}m_{021}^{(21)} - m_{100}^{(00)}m_{101}^{(11)}m_{012}^{(21)} + m_{100}^{(00)}m_{101}^{(11)}m_{003}^{(11)} \\
 & & +2m_{100}^{(00)}m_{101}^{(21)}m_{021}^{(21)} - 2m_{100}^{(00)}m_{101}^{(21)}m_{012}^{(11)} - m_{100}^{(00)}m_{101}^{(22)}m_{030}^{(21)} + m_{100}^{(00)}m_{101}^{(22)}m_{021}^{(11)} \\
 & & -m_{100}^{(00)}m_{020}^{(10)}m_{012}^{(22)} + m_{100}^{(00)}m_{020}^{(10)}m_{003}^{(21)} + m_{100}^{(00)}m_{020}^{(20)}m_{021}^{(22)} - m_{100}^{(00)}m_{020}^{(20)}m_{012}^{(21)} \\
 & & +m_{100}^{(00)}m_{020}^{(21)}m_{111}^{(22)} - m_{100}^{(00)}m_{020}^{(21)}m_{102}^{(21)} - m_{100}^{(00)}m_{020}^{(22)}m_{120}^{(22)} + m_{100}^{(00)}m_{020}^{(22)}m_{111}^{(21)} \\
 & & +m_{100}^{(00)}m_{011}^{(10)}m_{021}^{(22)} - m_{100}^{(00)}m_{011}^{(10)}m_{003}^{(11)} - m_{100}^{(00)}m_{011}^{(11)}m_{111}^{(22)} + m_{100}^{(00)}m_{011}^{(11)}m_{102}^{(21)} \\
 & & -m_{100}^{(00)}m_{011}^{(20)}m_{030}^{(22)} + m_{100}^{(00)}m_{011}^{(20)}m_{012}^{(11)} + m_{100}^{(00)}m_{011}^{(21)}m_{120}^{(22)} - 2m_{100}^{(00)}m_{011}^{(21)}m_{111}^{(21)} \\
 & & +m_{100}^{(00)}m_{011}^{(21)}m_{102}^{(11)} + m_{100}^{(00)}m_{011}^{(22)}m_{120}^{(21)} - m_{100}^{(00)}m_{011}^{(22)}m_{111}^{(11)} - m_{100}^{(00)}m_{002}^{(10)}m_{021}^{(21)} \\
 & & +m_{100}^{(00)}m_{002}^{(10)}m_{012}^{(11)} + m_{100}^{(00)}m_{002}^{(11)}m_{111}^{(21)} - m_{100}^{(00)}m_{002}^{(11)}m_{102}^{(11)} + m_{100}^{(00)}m_{002}^{(20)}m_{030}^{(21)} \\
 & & -m_{100}^{(00)}m_{002}^{(20)}m_{021}^{(11)} - m_{100}^{(00)}m_{002}^{(21)}m_{120}^{(21)} + m_{100}^{(00)}m_{002}^{(21)}m_{111}^{(11)} - m_{100}^{(10)}m_{110}^{(10)}m_{012}^{(22)} \\
 & & +m_{100}^{(10)}m_{110}^{(10)}m_{003}^{(21)} - m_{100}^{(10)}m_{110}^{(11)}m_{102}^{(22)} + m_{100}^{(10)}m_{110}^{(11)}m_{003}^{(20)} + m_{100}^{(10)}m_{110}^{(20)}m_{021}^{(22)} \\
 & & -m_{100}^{(10)}m_{110}^{(20)}m_{012}^{(21)} + 3m_{100}^{(10)}m_{110}^{(21)}m_{111}^{(22)} - m_{100}^{(10)}m_{110}^{(21)}m_{102}^{(21)} - 2m_{100}^{(10)}m_{110}^{(21)}m_{012}^{(20)}
\end{array}
$$

$$
\begin{aligned}
&-2m_{100}^{(10)}m_{110}^{(22)}m_{120}^{(22)}+m_{100}^{(10)}m_{110}^{(22)}m_{111}^{(21)}+m_{100}^{(10)}m_{110}^{(22)}m_{021}^{(20)}+m_{100}^{(10)}m_{101}^{(10)}m_{012}^{(21)}\\
&-m_{100}^{(10)}m_{101}^{(10)}m_{003}^{(11)}+m_{100}^{(10)}m_{101}^{(11)}m_{102}^{(21)}-m_{100}^{(10)}m_{101}^{(11)}m_{003}^{(10)}-m_{100}^{(10)}m_{101}^{(20)}m_{021}^{(21)}\\
&+m_{100}^{(10)}m_{101}^{(20)}m_{012}^{(11)}-3m_{100}^{(10)}m_{101}^{(21)}m_{111}^{(21)}+m_{100}^{(10)}m_{101}^{(21)}m_{102}^{(11)}+2m_{100}^{(10)}m_{101}^{(21)}m_{012}^{(10)}\\
&+2m_{100}^{(10)}m_{101}^{(22)}m_{120}^{(21)}-m_{100}^{(10)}m_{101}^{(22)}m_{111}^{(11)}-m_{100}^{(10)}m_{101}^{(22)}m_{021}^{(10)}+m_{100}^{(10)}m_{020}^{(00)}m_{012}^{(22)}\\
&-m_{100}^{(10)}m_{020}^{(00)}m_{003}^{(21)}+m_{100}^{(10)}m_{020}^{(10)}m_{102}^{(22)}-m_{100}^{(10)}m_{020}^{(10)}m_{003}^{(20)}-3m_{100}^{(10)}m_{020}^{(20)}m_{111}^{(22)}\\
&+2m_{100}^{(10)}m_{020}^{(20)}m_{102}^{(21)}+m_{100}^{(10)}m_{020}^{(20)}m_{012}^{(20)}-m_{100}^{(10)}m_{020}^{(21)}m_{201}^{(22)}+m_{100}^{(10)}m_{020}^{(21)}m_{102}^{(20)}\\
&+2m_{100}^{(10)}m_{020}^{(22)}m_{210}^{(22)}-m_{100}^{(10)}m_{020}^{(22)}m_{201}^{(21)}-m_{100}^{(10)}m_{020}^{(22)}m_{111}^{(20)}-m_{100}^{(10)}m_{011}^{(00)}m_{021}^{(22)}\\
&+m_{100}^{(10)}m_{011}^{(00)}m_{003}^{(11)}-2m_{100}^{(10)}m_{011}^{(10)}m_{102}^{(21)}+m_{100}^{(10)}m_{011}^{(10)}m_{012}^{(20)}+m_{100}^{(10)}m_{011}^{(10)}m_{003}^{(10)}\\
&+m_{100}^{(10)}m_{011}^{(11)}m_{201}^{(22)}-m_{100}^{(10)}m_{011}^{(11)}m_{102}^{(20)}+2m_{100}^{(10)}m_{011}^{(20)}m_{120}^{(22)}+2m_{100}^{(10)}m_{011}^{(20)}m_{111}^{(21)}\\
&-2m_{100}^{(10)}m_{011}^{(20)}m_{102}^{(11)}-m_{100}^{(10)}m_{011}^{(20)}m_{021}^{(20)}-m_{100}^{(10)}m_{011}^{(20)}m_{012}^{(10)}-2m_{100}^{(10)}m_{011}^{(21)}m_{210}^{(22)}\\
&+2m_{100}^{(10)}m_{011}^{(21)}m_{201}^{(21)}+m_{100}^{(10)}m_{011}^{(21)}m_{111}^{(20)}-m_{100}^{(10)}m_{011}^{(21)}m_{102}^{(10)}-2m_{100}^{(10)}m_{011}^{(22)}m_{210}^{(21)}\\
&+m_{100}^{(10)}m_{011}^{(22)}m_{201}^{(11)}+m_{100}^{(10)}m_{011}^{(22)}m_{111}^{(10)}+m_{100}^{(10)}m_{002}^{(00)}m_{021}^{(21)}-m_{100}^{(10)}m_{002}^{(00)}m_{012}^{(11)}\\
&+m_{100}^{(10)}m_{002}^{(10)}m_{102}^{(11)}-m_{100}^{(10)}m_{002}^{(10)}m_{012}^{(10)}-m_{100}^{(10)}m_{002}^{(11)}m_{201}^{(21)}+m_{100}^{(10)}m_{002}^{(11)}m_{102}^{(10)}\\
&-2m_{100}^{(10)}m_{002}^{(20)}m_{120}^{(21)}+m_{100}^{(10)}m_{002}^{(20)}m_{111}^{(11)}+m_{100}^{(10)}m_{002}^{(20)}m_{021}^{(10)}+2m_{100}^{(10)}m_{002}^{(21)}m_{210}^{(21)}\\
&-m_{100}^{(10)}m_{002}^{(21)}m_{201}^{(11)}-m_{100}^{(10)}m_{002}^{(21)}m_{111}^{(10)}+m_{100}^{(11)}m_{110}^{(10)}m_{102}^{(22)}-m_{100}^{(11)}m_{110}^{(10)}m_{003}^{(20)}\\
&-m_{100}^{(11)}m_{110}^{(20)}m_{111}^{(22)}+m_{100}^{(11)}m_{110}^{(20)}m_{012}^{(20)}-m_{100}^{(11)}m_{110}^{(21)}m_{201}^{(22)}+m_{100}^{(11)}m_{110}^{(21)}m_{102}^{(20)}\\
&+m_{100}^{(11)}m_{110}^{(22)}m_{210}^{(22)}-m_{100}^{(11)}m_{110}^{(22)}m_{111}^{(20)}-m_{100}^{(11)}m_{101}^{(10)}m_{102}^{(21)}+m_{100}^{(11)}m_{101}^{(10)}m_{003}^{(10)}\\
&+m_{100}^{(11)}m_{101}^{(20)}m_{111}^{(21)}-m_{100}^{(11)}m_{101}^{(20)}m_{012}^{(10)}+m_{100}^{(11)}m_{101}^{(21)}m_{201}^{(21)}-m_{100}^{(11)}m_{101}^{(21)}m_{102}^{(10)}\\
&-m_{100}^{(11)}m_{101}^{(22)}m_{210}^{(21)}+m_{100}^{(11)}m_{101}^{(22)}m_{111}^{(10)}-m_{100}^{(11)}m_{100}^{(00)}m_{102}^{(22)}+m_{100}^{(11)}m_{020}^{(00)}m_{003}^{(20)}\\
&+2m_{100}^{(11)}m_{020}^{(20)}m_{201}^{(21)}-2m_{100}^{(11)}m_{020}^{(20)}m_{102}^{(20)}-m_{100}^{(11)}m_{020}^{(22)}m_{300}^{(22)}+m_{100}^{(11)}m_{020}^{(22)}m_{201}^{(20)}\\
&+m_{100}^{(11)}m_{011}^{(00)}m_{111}^{(22)}+m_{100}^{(11)}m_{011}^{(00)}m_{102}^{(21)}-m_{100}^{(11)}m_{011}^{(00)}m_{012}^{(20)}-m_{100}^{(11)}m_{011}^{(00)}m_{003}^{(10)}\\
&-m_{100}^{(11)}m_{011}^{(10)}m_{201}^{(22)}+m_{100}^{(11)}m_{011}^{(10)}m_{102}^{(20)}-m_{100}^{(11)}m_{011}^{(20)}m_{210}^{(22)}-2m_{100}^{(11)}m_{011}^{(20)}m_{201}^{(21)}\\
&+m_{100}^{(11)}m_{011}^{(20)}m_{111}^{(20)}+2m_{100}^{(11)}m_{011}^{(20)}m_{102}^{(10)}+m_{100}^{(11)}m_{011}^{(21)}m_{300}^{(22)}-m_{100}^{(11)}m_{011}^{(21)}m_{201}^{(20)}\\
&+m_{100}^{(11)}m_{011}^{(22)}m_{300}^{(21)}-m_{100}^{(11)}m_{011}^{(22)}m_{201}^{(10)}-m_{100}^{(11)}m_{002}^{(00)}m_{111}^{(21)}+m_{100}^{(11)}m_{002}^{(00)}m_{012}^{(10)}\\
&+m_{100}^{(11)}m_{002}^{(10)}m_{201}^{(21)}-m_{100}^{(11)}m_{002}^{(10)}m_{102}^{(10)}+m_{100}^{(11)}m_{002}^{(20)}m_{210}^{(21)}-m_{100}^{(11)}m_{002}^{(20)}m_{111}^{(10)}\\
&-m_{100}^{(11)}m_{002}^{(21)}m_{300}^{(21)}+m_{100}^{(11)}m_{002}^{(21)}m_{201}^{(10)}+m_{100}^{(20)}m_{110}^{(10)}m_{021}^{(22)}-m_{100}^{(20)}m_{110}^{(10)}m_{012}^{(21)}\\
&-m_{100}^{(20)}m_{110}^{(11)}m_{111}^{(22)}+2m_{100}^{(20)}m_{110}^{(11)}m_{102}^{(21)}-m_{100}^{(20)}m_{110}^{(11)}m_{012}^{(20)}-m_{100}^{(20)}m_{110}^{(20)}m_{030}^{(22)}\\
&+m_{100}^{(20)}m_{110}^{(20)}m_{021}^{(21)}+m_{100}^{(20)}m_{110}^{(21)}m_{120}^{(22)}-3m_{100}^{(20)}m_{110}^{(21)}m_{111}^{(21)}+2m_{100}^{(20)}m_{110}^{(21)}m_{021}^{(20)}\\
&+m_{100}^{(20)}m_{110}^{(22)}m_{120}^{(21)}-m_{100}^{(20)}m_{110}^{(22)}m_{030}^{(20)}-m_{100}^{(20)}m_{101}^{(10)}m_{021}^{(21)}+m_{100}^{(20)}m_{101}^{(10)}m_{012}^{(11)}\\
&+m_{100}^{(20)}m_{101}^{(11)}m_{111}^{(21)}-2m_{100}^{(20)}m_{101}^{(11)}m_{102}^{(11)}+m_{100}^{(20)}m_{101}^{(11)}m_{012}^{(10)}+m_{100}^{(20)}m_{101}^{(20)}m_{030}^{(21)}\\
&-m_{100}^{(20)}m_{101}^{(20)}m_{021}^{(11)}-m_{100}^{(20)}m_{101}^{(21)}m_{120}^{(21)}+3m_{100}^{(20)}m_{101}^{(21)}m_{111}^{(11)}-2m_{100}^{(20)}m_{101}^{(21)}m_{021}^{(10)}\\
&-m_{100}^{(20)}m_{101}^{(22)}m_{120}^{(11)}+m_{100}^{(20)}m_{101}^{(22)}m_{030}^{(10)}-m_{100}^{(20)}m_{020}^{(00)}m_{021}^{(22)}+m_{100}^{(20)}m_{020}^{(00)}m_{012}^{(21)}\\
&+m_{100}^{(20)}m_{020}^{(10)}m_{111}^{(22)}-2m_{100}^{(20)}m_{020}^{(10)}m_{102}^{(21)}+m_{100}^{(20)}m_{020}^{(10)}m_{012}^{(20)}+m_{100}^{(20)}m_{020}^{(20)}m_{120}^{(22)}\\
&-m_{100}^{(20)}m_{020}^{(20)}m_{021}^{(20)}-m_{100}^{(20)}m_{020}^{(21)}m_{210}^{(22)}+2m_{100}^{(20)}m_{020}^{(21)}m_{201}^{(21)}-m_{100}^{(20)}m_{020}^{(21)}m_{111}^{(20)}\\
&-m_{100}^{(20)}m_{020}^{(22)}m_{210}^{(21)}+m_{100}^{(20)}m_{020}^{(22)}m_{120}^{(20)}+m_{100}^{(20)}m_{011}^{(00)}m_{030}^{(22)}-m_{100}^{(20)}m_{011}^{(00)}m_{012}^{(11)}\\
&-2m_{100}^{(20)}m_{011}^{(10)}m_{120}^{(22)}+2m_{100}^{(20)}m_{011}^{(10)}m_{111}^{(21)}+2m_{100}^{(20)}m_{011}^{(10)}m_{102}^{(11)}-m_{100}^{(20)}m_{011}^{(10)}m_{021}^{(20)}\\
&-m_{100}^{(20)}m_{011}^{(10)}m_{012}^{(10)}+m_{100}^{(20)}m_{011}^{(11)}m_{210}^{(22)}-2m_{100}^{(20)}m_{011}^{(11)}m_{201}^{(21)}+m_{100}^{(20)}m_{011}^{(11)}m_{111}^{(20)}\\
&-2m_{100}^{(20)}m_{011}^{(20)}m_{120}^{(21)}+m_{100}^{(20)}m_{011}^{(20)}m_{030}^{(20)}+m_{100}^{(20)}m_{011}^{(20)}m_{021}^{(10)}+2m_{100}^{(20)}m_{011}^{(21)}m_{210}^{(21)}
\end{aligned}
$$

$$
\begin{aligned}
&-2m_{100}^{(20)}m_{011}^{(21)}m_{201}^{(11)} - m_{100}^{(20)}m_{011}^{(21)}m_{120}^{(20)} + m_{100}^{(20)}m_{011}^{(21)}m_{111}^{(10)} + m_{100}^{(20)}m_{011}^{(22)}m_{210}^{(11)}\\
&-m_{100}^{(20)}m_{011}^{(22)}m_{120}^{(10)} - m_{100}^{(20)}m_{002}^{(00)}m_{030}^{(21)} + m_{100}^{(20)}m_{002}^{(00)}m_{021}^{(11)} + 2m_{100}^{(20)}m_{002}^{(10)}m_{120}^{(21)}\\
&-3m_{100}^{(20)}m_{002}^{(10)}m_{111}^{(11)} + m_{100}^{(20)}m_{002}^{(10)}m_{021}^{(10)} - m_{100}^{(20)}m_{002}^{(11)}m_{210}^{(21)} + 2m_{100}^{(20)}m_{002}^{(11)}m_{201}^{(11)}\\
&-m_{100}^{(20)}m_{002}^{(11)}m_{111}^{(10)} + m_{100}^{(20)}m_{002}^{(20)}m_{120}^{(11)} - m_{100}^{(20)}m_{002}^{(20)}m_{030}^{(10)} - m_{100}^{(20)}m_{002}^{(21)}m_{210}^{(11)}\\
&+m_{100}^{(20)}m_{002}^{(21)}m_{120}^{(10)} - m_{100}^{(21)}m_{110}^{(10)}m_{111}^{(22)} - m_{100}^{(21)}m_{110}^{(10)}m_{102}^{(21)} + 2m_{100}^{(21)}m_{110}^{(10)}m_{012}^{(20)}\\
&+m_{100}^{(21)}m_{110}^{(11)}m_{201}^{(22)} - m_{100}^{(21)}m_{110}^{(11)}m_{102}^{(20)} + m_{100}^{(21)}m_{110}^{(20)}m_{120}^{(22)} + m_{100}^{(21)}m_{110}^{(20)}m_{111}^{(21)}\\
&-2m_{100}^{(21)}m_{110}^{(20)}m_{021}^{(20)} - m_{100}^{(21)}m_{110}^{(21)}m_{210}^{(22)} + m_{100}^{(21)}m_{110}^{(21)}m_{201}^{(21)} - m_{100}^{(21)}m_{110}^{(22)}m_{210}^{(21)}\\
&+m_{100}^{(21)}m_{110}^{(22)}m_{120}^{(20)} + m_{100}^{(21)}m_{101}^{(10)}m_{111}^{(21)} + m_{100}^{(21)}m_{101}^{(10)}m_{102}^{(11)} - 2m_{100}^{(21)}m_{101}^{(10)}m_{012}^{(10)}\\
&-m_{100}^{(21)}m_{101}^{(11)}m_{201}^{(21)} + m_{100}^{(21)}m_{101}^{(11)}m_{102}^{(10)} - m_{100}^{(21)}m_{101}^{(20)}m_{120}^{(21)} - m_{100}^{(21)}m_{101}^{(20)}m_{111}^{(11)}\\
&+2m_{100}^{(21)}m_{101}^{(20)}m_{021}^{(10)} + m_{100}^{(21)}m_{101}^{(21)}m_{210}^{(21)} - m_{100}^{(21)}m_{101}^{(21)}m_{201}^{(11)} + m_{100}^{(21)}m_{101}^{(22)}m_{210}^{(11)}\\
&-m_{100}^{(21)}m_{101}^{(22)}m_{120}^{(10)} + m_{100}^{(21)}m_{020}^{(00)}m_{111}^{(22)} + m_{100}^{(21)}m_{020}^{(00)}m_{102}^{(21)} - 2m_{100}^{(21)}m_{020}^{(00)}m_{012}^{(20)}\\
&-m_{100}^{(21)}m_{020}^{(10)}m_{201}^{(22)} + m_{100}^{(21)}m_{020}^{(10)}m_{102}^{(20)} - m_{100}^{(21)}m_{020}^{(20)}m_{210}^{(22)} - 2m_{100}^{(21)}m_{020}^{(20)}m_{201}^{(21)}\\
&+3m_{100}^{(21)}m_{020}^{(20)}m_{111}^{(20)} + m_{100}^{(21)}m_{020}^{(21)}m_{300}^{(22)} - m_{100}^{(21)}m_{020}^{(21)}m_{201}^{(20)} + m_{100}^{(21)}m_{020}^{(22)}m_{300}^{(21)}\\
&-m_{100}^{(21)}m_{020}^{(22)}m_{210}^{(20)} - m_{100}^{(21)}m_{011}^{(00)}m_{120}^{(22)} - 2m_{100}^{(21)}m_{011}^{(00)}m_{111}^{(21)} - m_{100}^{(21)}m_{011}^{(00)}m_{102}^{(11)}\\
&+2m_{100}^{(21)}m_{011}^{(00)}m_{021}^{(20)} + 2m_{100}^{(21)}m_{011}^{(00)}m_{012}^{(10)} + 2m_{100}^{(21)}m_{011}^{(10)}m_{210}^{(22)} + 2m_{100}^{(21)}m_{011}^{(10)}m_{201}^{(21)}\\
&-3m_{100}^{(21)}m_{011}^{(10)}m_{111}^{(20)} - m_{100}^{(21)}m_{011}^{(10)}m_{102}^{(10)} - m_{100}^{(21)}m_{011}^{(11)}m_{300}^{(22)} + m_{100}^{(21)}m_{011}^{(11)}m_{201}^{(20)}\\
&+2m_{100}^{(21)}m_{011}^{(20)}m_{210}^{(21)} + 2m_{100}^{(21)}m_{011}^{(20)}m_{201}^{(11)} - m_{100}^{(21)}m_{011}^{(20)}m_{120}^{(20)} - 3m_{100}^{(21)}m_{011}^{(20)}m_{111}^{(10)}\\
&-2m_{100}^{(21)}m_{011}^{(21)}m_{300}^{(21)} + m_{100}^{(21)}m_{011}^{(21)}m_{210}^{(20)} + m_{100}^{(21)}m_{011}^{(21)}m_{201}^{(10)} - m_{100}^{(21)}m_{011}^{(22)}m_{300}^{(11)}\\
&+m_{100}^{(21)}m_{011}^{(22)}m_{210}^{(10)} + m_{100}^{(21)}m_{002}^{(00)}m_{120}^{(21)} + m_{100}^{(21)}m_{002}^{(00)}m_{111}^{(11)} - 2m_{100}^{(21)}m_{002}^{(00)}m_{021}^{(10)}\\
&-2m_{100}^{(21)}m_{002}^{(10)}m_{210}^{(21)} - m_{100}^{(21)}m_{002}^{(10)}m_{201}^{(11)} + 3m_{100}^{(21)}m_{002}^{(10)}m_{111}^{(10)} + m_{100}^{(21)}m_{002}^{(11)}m_{300}^{(21)}\\
&-m_{100}^{(21)}m_{002}^{(11)}m_{201}^{(10)} - m_{100}^{(21)}m_{002}^{(20)}m_{210}^{(11)} + m_{100}^{(21)}m_{002}^{(20)}m_{120}^{(10)} + m_{100}^{(21)}m_{002}^{(21)}m_{300}^{(11)}\\
&-m_{100}^{(21)}m_{002}^{(21)}m_{210}^{(10)} + m_{100}^{(22)}m_{110}^{(10)}m_{111}^{(21)} - m_{100}^{(22)}m_{110}^{(10)}m_{021}^{(20)} - m_{100}^{(22)}m_{110}^{(11)}m_{201}^{(21)}\\
&+m_{100}^{(22)}m_{110}^{(11)}m_{111}^{(20)} - m_{100}^{(22)}m_{110}^{(20)}m_{120}^{(21)} + m_{100}^{(22)}m_{110}^{(20)}m_{030}^{(20)} + m_{100}^{(22)}m_{110}^{(21)}m_{210}^{(21)}\\
&-m_{100}^{(22)}m_{110}^{(21)}m_{120}^{(20)} - m_{100}^{(22)}m_{101}^{(10)}m_{111}^{(11)} + m_{100}^{(22)}m_{101}^{(10)}m_{021}^{(10)} + m_{100}^{(22)}m_{101}^{(11)}m_{201}^{(11)}\\
&-m_{100}^{(22)}m_{101}^{(11)}m_{111}^{(10)} + m_{100}^{(22)}m_{101}^{(20)}m_{120}^{(11)} - m_{100}^{(22)}m_{101}^{(20)}m_{030}^{(10)} - m_{100}^{(22)}m_{101}^{(21)}m_{210}^{(11)}\\
&+m_{100}^{(22)}m_{101}^{(21)}m_{120}^{(10)} - m_{100}^{(22)}m_{020}^{(00)}m_{111}^{(21)} + m_{100}^{(22)}m_{020}^{(00)}m_{021}^{(20)} + m_{100}^{(22)}m_{020}^{(10)}m_{201}^{(21)}\\
&-m_{100}^{(22)}m_{020}^{(10)}m_{111}^{(20)} + m_{100}^{(22)}m_{020}^{(20)}m_{210}^{(21)} - m_{100}^{(22)}m_{020}^{(20)}m_{120}^{(20)} - m_{100}^{(22)}m_{020}^{(21)}m_{300}^{(21)}\\
&+m_{100}^{(22)}m_{020}^{(21)}m_{210}^{(20)} + m_{100}^{(22)}m_{011}^{(00)}m_{120}^{(21)} + m_{100}^{(22)}m_{011}^{(00)}m_{111}^{(11)} - m_{100}^{(22)}m_{011}^{(00)}m_{030}^{(20)}\\
&-m_{100}^{(22)}m_{011}^{(00)}m_{021}^{(10)} - 2m_{100}^{(22)}m_{011}^{(10)}m_{210}^{(21)} - m_{100}^{(22)}m_{011}^{(10)}m_{201}^{(11)} + 2m_{100}^{(22)}m_{011}^{(10)}m_{120}^{(20)}\\
&+m_{100}^{(22)}m_{011}^{(10)}m_{111}^{(10)} + m_{100}^{(22)}m_{011}^{(11)}m_{300}^{(21)} - m_{100}^{(22)}m_{011}^{(11)}m_{210}^{(20)} - m_{100}^{(22)}m_{011}^{(20)}m_{210}^{(11)}\\
&+m_{100}^{(22)}m_{011}^{(20)}m_{120}^{(10)} + m_{100}^{(22)}m_{011}^{(21)}m_{300}^{(11)} - m_{100}^{(22)}m_{011}^{(21)}m_{210}^{(10)} - m_{100}^{(22)}m_{002}^{(00)}m_{120}^{(11)}\\
&+m_{100}^{(22)}m_{002}^{(00)}m_{030}^{(10)} + 2m_{100}^{(22)}m_{002}^{(10)}m_{210}^{(11)} - 2m_{100}^{(22)}m_{002}^{(10)}m_{120}^{(10)} - m_{100}^{(22)}m_{002}^{(11)}m_{300}^{(11)}\\
&+m_{100}^{(22)}m_{002}^{(11)}m_{210}^{(10)} - m_{010}^{(00)}m_{200}^{(11)}m_{012}^{(22)} + m_{010}^{(00)}m_{200}^{(11)}m_{003}^{(21)} + 2m_{010}^{(00)}m_{200}^{(21)}m_{021}^{(22)}\\
&-2m_{010}^{(00)}m_{200}^{(21)}m_{012}^{(21)} - m_{010}^{(00)}m_{200}^{(22)}m_{030}^{(22)} + m_{010}^{(00)}m_{200}^{(22)}m_{021}^{(21)} + m_{010}^{(00)}m_{110}^{(10)}m_{012}^{(22)}\\
&-m_{010}^{(00)}m_{110}^{(10)}m_{003}^{(21)} - m_{010}^{(00)}m_{110}^{(20)}m_{021}^{(22)} + m_{010}^{(00)}m_{110}^{(20)}m_{012}^{(21)} - m_{010}^{(00)}m_{110}^{(21)}m_{111}^{(22)}\\
&+m_{010}^{(00)}m_{110}^{(21)}m_{102}^{(21)} + m_{010}^{(00)}m_{110}^{(22)}m_{120}^{(22)} - m_{010}^{(00)}m_{110}^{(22)}m_{111}^{(21)} - m_{010}^{(00)}m_{101}^{(10)}m_{021}^{(22)}\\
&+m_{010}^{(00)}m_{101}^{(10)}m_{012}^{(21)} + m_{010}^{(00)}m_{101}^{(11)}m_{111}^{(22)} - m_{010}^{(00)}m_{101}^{(11)}m_{102}^{(21)} + m_{010}^{(00)}m_{101}^{(11)}m_{012}^{(20)}\\
&-m_{010}^{(00)}m_{101}^{(11)}m_{003}^{(10)} + m_{010}^{(00)}m_{101}^{(20)}m_{030}^{(22)} - m_{010}^{(00)}m_{101}^{(20)}m_{021}^{(21)} - m_{010}^{(00)}m_{101}^{(21)}m_{120}^{(22)}
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&+m_{010}^{(00)}m_{101}^{(21)}m_{111}^{(21)} - 2m_{010}^{(00)}m_{101}^{(21)}m_{021}^{(20)} + 2m_{010}^{(00)}m_{101}^{(21)}m_{012}^{(10)} + m_{010}^{(00)}m_{101}^{(22)}m_{030}^{(20)}\\
&-m_{010}^{(00)}m_{101}^{(22)}m_{021}^{(10)} - m_{010}^{(00)}m_{011}^{(10)}m_{012}^{(20)} + m_{010}^{(00)}m_{011}^{(10)}m_{003}^{(10)} + m_{010}^{(00)}m_{011}^{(20)}m_{021}^{(20)}\\
&-m_{010}^{(00)}m_{011}^{(20)}m_{012}^{(10)} + m_{010}^{(00)}m_{011}^{(21)}m_{111}^{(20)} - m_{010}^{(00)}m_{011}^{(21)}m_{102}^{(10)} - m_{010}^{(00)}m_{011}^{(22)}m_{120}^{(20)}\\
&+m_{010}^{(00)}m_{011}^{(22)}m_{111}^{(10)} + m_{010}^{(00)}m_{002}^{(10)}m_{021}^{(20)} - m_{010}^{(00)}m_{002}^{(10)}m_{012}^{(10)} - m_{010}^{(00)}m_{002}^{(11)}m_{111}^{(20)}\\
&+m_{010}^{(00)}m_{002}^{(11)}m_{102}^{(10)} - m_{010}^{(00)}m_{002}^{(20)}m_{030}^{(20)} + m_{010}^{(00)}m_{002}^{(20)}m_{021}^{(10)} + m_{010}^{(00)}m_{002}^{(21)}m_{120}^{(20)}\\
&-m_{010}^{(00)}m_{002}^{(21)}m_{111}^{(10)} + m_{010}^{(10)}m_{200}^{(10)}m_{012}^{(22)} - m_{010}^{(10)}m_{200}^{(10)}m_{003}^{(21)} + m_{010}^{(10)}m_{200}^{(11)}m_{102}^{(22)}\\
&-m_{010}^{(10)}m_{200}^{(11)}m_{003}^{(20)} - m_{010}^{(10)}m_{200}^{(20)}m_{021}^{(22)} + m_{010}^{(10)}m_{200}^{(20)}m_{012}^{(21)} - 3m_{010}^{(10)}m_{200}^{(21)}m_{111}^{(22)}\\
&+m_{010}^{(10)}m_{200}^{(21)}m_{102}^{(21)} + 2m_{010}^{(10)}m_{200}^{(21)}m_{012}^{(20)} + 2m_{010}^{(10)}m_{200}^{(22)}m_{120}^{(22)} - m_{010}^{(10)}m_{200}^{(22)}m_{111}^{(21)}\\
&-m_{010}^{(10)}m_{200}^{(22)}m_{021}^{(20)} - m_{010}^{(10)}m_{110}^{(00)}m_{012}^{(22)} + m_{010}^{(10)}m_{110}^{(00)}m_{003}^{(21)} - m_{010}^{(10)}m_{110}^{(10)}m_{102}^{(22)}\\
&+m_{010}^{(10)}m_{110}^{(10)}m_{003}^{(20)} + 3m_{010}^{(10)}m_{110}^{(20)}m_{111}^{(22)} - 2m_{010}^{(10)}m_{110}^{(20)}m_{102}^{(21)} - m_{010}^{(10)}m_{110}^{(20)}m_{012}^{(20)}\\
&+m_{010}^{(10)}m_{110}^{(21)}m_{201}^{(22)} - m_{010}^{(10)}m_{110}^{(21)}m_{102}^{(20)} - 2m_{010}^{(10)}m_{110}^{(22)}m_{210}^{(22)} + m_{010}^{(10)}m_{110}^{(22)}m_{201}^{(21)}\\
&+m_{010}^{(10)}m_{110}^{(22)}m_{111}^{(20)} + m_{010}^{(10)}m_{101}^{(00)}m_{021}^{(22)} - m_{010}^{(10)}m_{101}^{(00)}m_{012}^{(21)} + m_{010}^{(10)}m_{101}^{(10)}m_{102}^{(21)}\\
&-2m_{010}^{(10)}m_{101}^{(10)}m_{012}^{(20)} + m_{010}^{(10)}m_{101}^{(10)}m_{003}^{(10)} - m_{010}^{(10)}m_{101}^{(11)}m_{201}^{(22)} + m_{010}^{(10)}m_{101}^{(11)}m_{003}^{(00)}\\
&-2m_{010}^{(10)}m_{101}^{(20)}m_{120}^{(22)} + m_{010}^{(10)}m_{101}^{(20)}m_{111}^{(21)} + 2m_{010}^{(10)}m_{101}^{(20)}m_{021}^{(20)} - m_{010}^{(10)}m_{101}^{(20)}m_{012}^{(10)}\\
&+2m_{010}^{(10)}m_{101}^{(21)}m_{210}^{(22)} - m_{010}^{(10)}m_{101}^{(21)}m_{201}^{(21)} + 2m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(20)} - m_{010}^{(10)}m_{101}^{(21)}m_{102}^{(10)}\\
&-2m_{010}^{(10)}m_{101}^{(21)}m_{012}^{(00)} - 2m_{010}^{(10)}m_{101}^{(22)}m_{120}^{(20)} + m_{010}^{(10)}m_{101}^{(22)}m_{111}^{(10)} + m_{010}^{(10)}m_{101}^{(22)}m_{021}^{(00)}\\
&+m_{010}^{(10)}m_{011}^{(00)}m_{012}^{(20)} - m_{010}^{(10)}m_{011}^{(00)}m_{003}^{(10)} + m_{010}^{(10)}m_{011}^{(10)}m_{102}^{(20)} - m_{010}^{(10)}m_{011}^{(10)}m_{003}^{(00)}\\
&-3m_{010}^{(10)}m_{011}^{(20)}m_{111}^{(20)} + 2m_{010}^{(10)}m_{011}^{(20)}m_{102}^{(10)} + m_{010}^{(10)}m_{011}^{(20)}m_{012}^{(00)} - m_{010}^{(10)}m_{011}^{(21)}m_{201}^{(20)}\\
&+m_{010}^{(10)}m_{011}^{(21)}m_{102}^{(00)} + 2m_{010}^{(10)}m_{011}^{(22)}m_{210}^{(20)} - m_{010}^{(10)}m_{011}^{(22)}m_{201}^{(10)} - m_{010}^{(10)}m_{011}^{(22)}m_{111}^{(00)}\\
&-m_{010}^{(10)}m_{002}^{(00)}m_{021}^{(20)} + m_{010}^{(10)}m_{002}^{(00)}m_{012}^{(10)} - m_{010}^{(10)}m_{002}^{(10)}m_{102}^{(10)} + m_{010}^{(10)}m_{002}^{(10)}m_{012}^{(00)}\\
&+m_{010}^{(10)}m_{002}^{(11)}m_{201}^{(20)} - m_{010}^{(10)}m_{002}^{(11)}m_{102}^{(00)} + 2m_{010}^{(10)}m_{002}^{(20)}m_{120}^{(20)} - m_{010}^{(10)}m_{002}^{(20)}m_{111}^{(10)}\\
&-m_{010}^{(10)}m_{002}^{(20)}m_{021}^{(00)} - 2m_{010}^{(10)}m_{002}^{(21)}m_{210}^{(20)} + m_{010}^{(10)}m_{002}^{(21)}m_{201}^{(10)} + m_{010}^{(10)}m_{002}^{(21)}m_{111}^{(00)}\\
&-m_{010}^{(11)}m_{200}^{(10)}m_{102}^{(22)} + m_{010}^{(11)}m_{200}^{(10)}m_{003}^{(20)} + m_{010}^{(11)}m_{200}^{(20)}m_{111}^{(22)} - m_{010}^{(11)}m_{200}^{(20)}m_{012}^{(20)}\\
&+m_{010}^{(11)}m_{200}^{(21)}m_{201}^{(22)} - m_{010}^{(11)}m_{200}^{(21)}m_{102}^{(20)} - m_{010}^{(11)}m_{200}^{(22)}m_{210}^{(22)} + m_{010}^{(11)}m_{200}^{(22)}m_{111}^{(20)}\\
&+m_{010}^{(11)}m_{110}^{(00)}m_{102}^{(22)} - m_{010}^{(11)}m_{110}^{(00)}m_{003}^{(20)} - 2m_{010}^{(11)}m_{110}^{(20)}m_{201}^{(22)} + 2m_{010}^{(11)}m_{110}^{(20)}m_{102}^{(20)}\\
&+m_{010}^{(11)}m_{110}^{(22)}m_{300}^{(22)} - m_{010}^{(11)}m_{110}^{(22)}m_{201}^{(20)} - m_{010}^{(11)}m_{101}^{(00)}m_{111}^{(22)} + m_{010}^{(11)}m_{101}^{(00)}m_{012}^{(20)}\\
&+m_{010}^{(11)}m_{101}^{(10)}m_{201}^{(22)} - m_{010}^{(11)}m_{101}^{(10)}m_{003}^{(00)} + m_{010}^{(11)}m_{101}^{(20)}m_{210}^{(22)} - 2m_{010}^{(11)}m_{101}^{(20)}m_{111}^{(20)}\\
&+m_{010}^{(11)}m_{101}^{(20)}m_{012}^{(00)} - m_{010}^{(11)}m_{101}^{(21)}m_{300}^{(22)} + m_{010}^{(11)}m_{101}^{(21)}m_{102}^{(00)} + m_{010}^{(11)}m_{101}^{(22)}m_{210}^{(20)}\\
&-m_{010}^{(11)}m_{101}^{(22)}m_{111}^{(00)} - m_{010}^{(11)}m_{011}^{(00)}m_{102}^{(20)} + m_{010}^{(11)}m_{011}^{(00)}m_{003}^{(00)} + 2m_{010}^{(11)}m_{011}^{(20)}m_{201}^{(20)}\\
&-2m_{010}^{(11)}m_{011}^{(20)}m_{102}^{(00)} - m_{010}^{(11)}m_{011}^{(22)}m_{300}^{(20)} + m_{010}^{(11)}m_{011}^{(22)}m_{201}^{(00)} + m_{010}^{(11)}m_{002}^{(00)}m_{111}^{(20)}\\
&-m_{010}^{(11)}m_{002}^{(00)}m_{012}^{(00)} - m_{010}^{(11)}m_{002}^{(10)}m_{201}^{(20)} + m_{010}^{(11)}m_{002}^{(10)}m_{102}^{(00)} - m_{010}^{(11)}m_{002}^{(20)}m_{210}^{(20)}\\
&+m_{010}^{(11)}m_{002}^{(20)}m_{111}^{(00)} + m_{010}^{(11)}m_{002}^{(21)}m_{300}^{(20)} - m_{010}^{(11)}m_{002}^{(21)}m_{201}^{(00)} - m_{010}^{(20)}m_{200}^{(10)}m_{021}^{(22)}\\
&+m_{010}^{(20)}m_{200}^{(10)}m_{012}^{(21)} + m_{010}^{(20)}m_{200}^{(11)}m_{111}^{(22)} - 2m_{010}^{(20)}m_{200}^{(11)}m_{102}^{(21)} + m_{010}^{(20)}m_{200}^{(11)}m_{012}^{(20)}\\
&+m_{010}^{(20)}m_{200}^{(20)}m_{030}^{(22)} - m_{010}^{(20)}m_{200}^{(20)}m_{021}^{(21)} - m_{010}^{(20)}m_{200}^{(21)}m_{120}^{(22)} + 3m_{010}^{(20)}m_{200}^{(21)}m_{111}^{(21)}\\
&-2m_{010}^{(20)}m_{200}^{(21)}m_{021}^{(20)} - m_{010}^{(20)}m_{200}^{(22)}m_{120}^{(21)} + m_{010}^{(20)}m_{200}^{(22)}m_{030}^{(20)} + m_{010}^{(20)}m_{110}^{(00)}m_{021}^{(22)}\\
&-m_{010}^{(20)}m_{110}^{(00)}m_{012}^{(21)} - m_{010}^{(20)}m_{110}^{(10)}m_{111}^{(22)} + 2m_{010}^{(20)}m_{110}^{(10)}m_{102}^{(21)} - m_{010}^{(20)}m_{110}^{(10)}m_{012}^{(20)}\\
&-m_{010}^{(20)}m_{110}^{(20)}m_{120}^{(22)} + m_{010}^{(20)}m_{110}^{(20)}m_{021}^{(20)} + m_{010}^{(20)}m_{110}^{(21)}m_{210}^{(22)} - 2m_{010}^{(20)}m_{110}^{(21)}m_{201}^{(21)}\\
&+m_{010}^{(20)}m_{110}^{(21)}m_{111}^{(20)} + m_{010}^{(20)}m_{110}^{(22)}m_{210}^{(21)} - m_{010}^{(20)}m_{110}^{(22)}m_{120}^{(20)} - m_{010}^{(20)}m_{101}^{(00)}m_{030}^{(22)}
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&+m_{010}^{(20)}m_{101}^{(00)}m_{021}^{(21)}+2m_{010}^{(20)}m_{101}^{(10)}m_{120}^{(22)}-3m_{010}^{(20)}m_{101}^{(10)}m_{111}^{(21)}+2m_{010}^{(20)}m_{101}^{(10)}m_{021}^{(20)}\\
&-m_{010}^{(20)}m_{101}^{(10)}m_{012}^{(10)}-m_{010}^{(20)}m_{101}^{(11)}m_{210}^{(22)}+2m_{010}^{(20)}m_{101}^{(11)}m_{201}^{(21)}-2m_{010}^{(20)}m_{101}^{(11)}m_{111}^{(20)}\\
&+2m_{010}^{(20)}m_{101}^{(11)}m_{102}^{(10)}-m_{010}^{(20)}m_{101}^{(11)}m_{012}^{(00)}+m_{010}^{(20)}m_{101}^{(20)}m_{120}^{(21)}-2m_{010}^{(20)}m_{101}^{(20)}m_{030}^{(20)}\\
&+m_{010}^{(20)}m_{101}^{(20)}m_{021}^{(10)}-m_{010}^{(20)}m_{101}^{(21)}m_{210}^{(21)}+2m_{010}^{(20)}m_{101}^{(21)}m_{120}^{(20)}-3m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(10)}\\
&+2m_{010}^{(20)}m_{101}^{(21)}m_{021}^{(00)}+m_{010}^{(20)}m_{101}^{(22)}m_{120}^{(10)}-m_{010}^{(20)}m_{101}^{(22)}m_{030}^{(00)}-m_{010}^{(20)}m_{011}^{(00)}m_{021}^{(20)}\\
&+m_{010}^{(20)}m_{011}^{(00)}m_{012}^{(10)}+m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(20)}-2m_{010}^{(20)}m_{011}^{(10)}m_{102}^{(10)}+m_{010}^{(20)}m_{011}^{(10)}m_{012}^{(00)}\\
&+m_{010}^{(20)}m_{011}^{(20)}m_{120}^{(20)}-m_{010}^{(20)}m_{011}^{(20)}m_{021}^{(00)}-m_{010}^{(20)}m_{011}^{(21)}m_{210}^{(20)}+2m_{010}^{(20)}m_{011}^{(21)}m_{201}^{(10)}\\
&-m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(00)}-m_{010}^{(20)}m_{011}^{(22)}m_{210}^{(10)}+m_{010}^{(20)}m_{011}^{(22)}m_{120}^{(00)}+m_{010}^{(20)}m_{002}^{(00)}m_{030}^{(20)}\\
&-m_{010}^{(20)}m_{002}^{(00)}m_{021}^{(10)}-2m_{010}^{(20)}m_{002}^{(10)}m_{120}^{(20)}+3m_{010}^{(20)}m_{002}^{(10)}m_{111}^{(10)}-m_{010}^{(20)}m_{002}^{(10)}m_{021}^{(00)}\\
&+m_{010}^{(20)}m_{002}^{(11)}m_{210}^{(20)}-2m_{010}^{(20)}m_{002}^{(11)}m_{201}^{(10)}+m_{010}^{(20)}m_{002}^{(11)}m_{111}^{(00)}-m_{010}^{(20)}m_{002}^{(20)}m_{120}^{(10)}\\
&+m_{010}^{(20)}m_{002}^{(20)}m_{030}^{(00)}+m_{010}^{(20)}m_{002}^{(21)}m_{210}^{(10)}-m_{010}^{(20)}m_{002}^{(21)}m_{120}^{(00)}+m_{010}^{(21)}m_{200}^{(10)}m_{111}^{(22)}\\
&+m_{010}^{(21)}m_{200}^{(10)}m_{102}^{(21)}-2m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(20)}-m_{010}^{(21)}m_{200}^{(11)}m_{201}^{(22)}+m_{010}^{(21)}m_{200}^{(11)}m_{102}^{(20)}\\
&-m_{010}^{(21)}m_{200}^{(20)}m_{120}^{(22)}-m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(21)}+2m_{010}^{(21)}m_{200}^{(20)}m_{021}^{(20)}+m_{010}^{(21)}m_{200}^{(21)}m_{210}^{(22)}\\
&-m_{010}^{(21)}m_{200}^{(21)}m_{201}^{(21)}+m_{010}^{(21)}m_{200}^{(22)}m_{210}^{(21)}-m_{010}^{(21)}m_{200}^{(22)}m_{120}^{(20)}-m_{010}^{(21)}m_{110}^{(00)}m_{111}^{(22)}\\
&-m_{010}^{(21)}m_{110}^{(00)}m_{102}^{(21)}+2m_{010}^{(21)}m_{110}^{(00)}m_{012}^{(20)}+m_{010}^{(21)}m_{110}^{(10)}m_{201}^{(22)}-m_{010}^{(21)}m_{110}^{(10)}m_{102}^{(20)}\\
&+m_{010}^{(21)}m_{110}^{(20)}m_{210}^{(22)}+2m_{010}^{(21)}m_{110}^{(20)}m_{201}^{(21)}-3m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(20)}-m_{010}^{(21)}m_{110}^{(21)}m_{300}^{(22)}\\
&+m_{010}^{(21)}m_{110}^{(21)}m_{201}^{(20)}-m_{010}^{(21)}m_{110}^{(22)}m_{300}^{(21)}+m_{010}^{(21)}m_{110}^{(22)}m_{210}^{(20)}+m_{010}^{(21)}m_{101}^{(00)}m_{120}^{(22)}\\
&+m_{010}^{(21)}m_{101}^{(00)}m_{111}^{(21)}-2m_{010}^{(21)}m_{101}^{(00)}m_{021}^{(20)}-2m_{010}^{(21)}m_{101}^{(10)}m_{210}^{(22)}-m_{010}^{(21)}m_{101}^{(10)}m_{201}^{(21)}\\
&+2m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(20)}-m_{010}^{(21)}m_{101}^{(10)}m_{102}^{(10)}+2m_{010}^{(21)}m_{101}^{(10)}m_{012}^{(00)}+m_{010}^{(21)}m_{101}^{(11)}m_{300}^{(22)}\\
&-m_{010}^{(21)}m_{101}^{(11)}m_{102}^{(00)}-m_{010}^{(21)}m_{101}^{(20)}m_{210}^{(21)}+2m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(20)}+m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(10)}\\
&-2m_{010}^{(21)}m_{101}^{(20)}m_{021}^{(00)}+m_{010}^{(21)}m_{101}^{(21)}m_{300}^{(21)}-2m_{010}^{(21)}m_{101}^{(21)}m_{210}^{(20)}+m_{010}^{(21)}m_{101}^{(21)}m_{201}^{(10)}\\
&-m_{010}^{(21)}m_{101}^{(22)}m_{210}^{(10)}+m_{010}^{(21)}m_{101}^{(22)}m_{120}^{(00)}+m_{010}^{(21)}m_{011}^{(00)}m_{111}^{(20)}+m_{010}^{(21)}m_{011}^{(00)}m_{102}^{(10)}\\
&-2m_{010}^{(21)}m_{011}^{(00)}m_{012}^{(00)}-m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(20)}+m_{010}^{(21)}m_{011}^{(10)}m_{102}^{(00)}-m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(20)}\\
&-2m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(10)}+3m_{010}^{(21)}m_{011}^{(20)}m_{111}^{(00)}+m_{010}^{(21)}m_{011}^{(21)}m_{300}^{(20)}-m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(00)}\\
&+m_{010}^{(21)}m_{011}^{(22)}m_{300}^{(10)}-m_{010}^{(21)}m_{011}^{(22)}m_{210}^{(00)}-m_{010}^{(21)}m_{002}^{(00)}m_{120}^{(20)}-m_{010}^{(21)}m_{002}^{(00)}m_{111}^{(10)}\\
&+2m_{010}^{(21)}m_{002}^{(00)}m_{021}^{(00)}+2m_{010}^{(21)}m_{002}^{(10)}m_{210}^{(20)}+m_{010}^{(21)}m_{002}^{(10)}m_{201}^{(10)}-3m_{010}^{(21)}m_{002}^{(10)}m_{111}^{(00)}\\
&-m_{010}^{(21)}m_{002}^{(11)}m_{300}^{(20)}+m_{010}^{(21)}m_{002}^{(11)}m_{201}^{(00)}+m_{010}^{(21)}m_{002}^{(20)}m_{210}^{(10)}-m_{010}^{(21)}m_{002}^{(20)}m_{120}^{(00)}\\
&-m_{010}^{(21)}m_{002}^{(21)}m_{300}^{(10)}+m_{010}^{(21)}m_{002}^{(21)}m_{210}^{(00)}-m_{010}^{(22)}m_{200}^{(10)}m_{111}^{(21)}+m_{010}^{(22)}m_{200}^{(10)}m_{021}^{(20)}\\
&+m_{010}^{(22)}m_{200}^{(11)}m_{111}^{(20)}-m_{010}^{(22)}m_{200}^{(20)}m_{120}^{(21)}+m_{010}^{(22)}m_{200}^{(20)}m_{030}^{(20)}\\
&-m_{010}^{(22)}m_{200}^{(21)}m_{210}^{(20)}+m_{010}^{(22)}m_{200}^{(21)}m_{120}^{(20)}+m_{010}^{(22)}m_{110}^{(00)}m_{111}^{(21)}-m_{010}^{(22)}m_{110}^{(00)}m_{021}^{(20)}\\
&-m_{010}^{(22)}m_{110}^{(10)}m_{201}^{(21)}+m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(20)}-m_{010}^{(22)}m_{110}^{(20)}m_{210}^{(21)}+m_{010}^{(22)}m_{110}^{(20)}m_{120}^{(20)}\\
&+m_{010}^{(22)}m_{110}^{(21)}m_{300}^{(21)}-m_{010}^{(22)}m_{110}^{(21)}m_{210}^{(20)}-m_{010}^{(22)}m_{101}^{(00)}m_{120}^{(21)}+m_{010}^{(22)}m_{101}^{(00)}m_{030}^{(20)}\\
&+2m_{010}^{(22)}m_{101}^{(10)}m_{210}^{(21)}-2m_{010}^{(22)}m_{101}^{(10)}m_{120}^{(20)}+m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(10)}-m_{010}^{(22)}m_{101}^{(10)}m_{021}^{(00)}\\
&-m_{010}^{(22)}m_{101}^{(11)}m_{300}^{(21)}+m_{010}^{(22)}m_{101}^{(11)}m_{210}^{(20)}-m_{010}^{(22)}m_{101}^{(11)}m_{201}^{(10)}+m_{010}^{(22)}m_{101}^{(11)}m_{111}^{(00)}\\
&-m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(10)}+m_{010}^{(22)}m_{101}^{(20)}m_{030}^{(00)}+m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(10)}-m_{010}^{(22)}m_{101}^{(21)}m_{120}^{(00)}\\
&-m_{010}^{(22)}m_{011}^{(00)}m_{111}^{(10)}+m_{010}^{(22)}m_{011}^{(00)}m_{021}^{(00)}+m_{010}^{(22)}m_{011}^{(10)}m_{201}^{(10)}-m_{010}^{(22)}m_{011}^{(10)}m_{111}^{(00)}\\
&+m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(10)}-m_{010}^{(22)}m_{011}^{(20)}m_{120}^{(00)}-m_{010}^{(22)}m_{011}^{(21)}m_{300}^{(10)}+m_{010}^{(22)}m_{011}^{(21)}m_{210}^{(00)}\\
&+m_{010}^{(22)}m_{002}^{(00)}m_{120}^{(10)}-m_{010}^{(22)}m_{002}^{(00)}m_{030}^{(00)}-2m_{010}^{(22)}m_{002}^{(10)}m_{210}^{(10)}+2m_{010}^{(22)}m_{002}^{(10)}m_{120}^{(00)}
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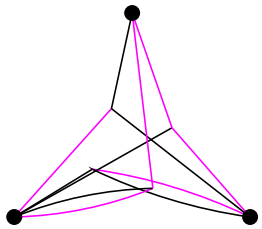
$$+m_{010}^{(22)}m_{002}^{(11)}m_{300}^{(10)} - m_{010}^{(22)}m_{002}^{(11)}m_{210}^{(00)} + m_{001}^{(00)}m_{200}^{(11)}m_{012}^{(21)} - m_{001}^{(00)}m_{200}^{(11)}m_{003}^{(11)}$$
$$-2m_{001}^{(00)}m_{200}^{(21)}m_{021}^{(21)} + 2m_{001}^{(00)}m_{200}^{(21)}m_{012}^{(11)} + m_{001}^{(00)}m_{200}^{(22)}m_{030}^{(21)} - m_{001}^{(00)}m_{200}^{(22)}m_{021}^{(11)}$$
$$-m_{001}^{(00)}m_{110}^{(10)}m_{012}^{(21)} + m_{001}^{(00)}m_{110}^{(10)}m_{003}^{(11)} - m_{001}^{(00)}m_{110}^{(11)}m_{012}^{(20)} + m_{001}^{(00)}m_{110}^{(11)}m_{003}^{(10)}$$
$$+m_{001}^{(00)}m_{110}^{(20)}m_{021}^{(21)} - m_{001}^{(00)}m_{110}^{(20)}m_{012}^{(11)} + m_{001}^{(00)}m_{110}^{(21)}m_{111}^{(21)} - m_{001}^{(00)}m_{110}^{(21)}m_{102}^{(11)}$$
$$+2m_{001}^{(00)}m_{110}^{(21)}m_{021}^{(20)} - 2m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(10)} - m_{001}^{(00)}m_{110}^{(22)}m_{120}^{(21)} + m_{001}^{(00)}m_{110}^{(22)}m_{111}^{(11)}$$
$$-m_{001}^{(00)}m_{110}^{(22)}m_{030}^{(20)} + m_{001}^{(00)}m_{110}^{(22)}m_{021}^{(10)} + m_{001}^{(00)}m_{101}^{(10)}m_{021}^{(21)} - m_{001}^{(00)}m_{101}^{(10)}m_{012}^{(11)}$$
$$-m_{001}^{(00)}m_{101}^{(11)}m_{111}^{(21)} + m_{001}^{(00)}m_{101}^{(11)}m_{102}^{(11)} - m_{001}^{(00)}m_{101}^{(20)}m_{030}^{(21)} + m_{001}^{(00)}m_{101}^{(20)}m_{021}^{(11)}$$
$$+m_{001}^{(00)}m_{101}^{(21)}m_{120}^{(21)} - m_{001}^{(00)}m_{101}^{(21)}m_{111}^{(11)} + m_{001}^{(00)}m_{020}^{(10)}m_{012}^{(20)} - m_{001}^{(00)}m_{020}^{(10)}m_{003}^{(10)}$$
$$-m_{001}^{(00)}m_{020}^{(20)}m_{021}^{(20)} + m_{001}^{(00)}m_{020}^{(20)}m_{012}^{(10)} - m_{001}^{(00)}m_{020}^{(21)}m_{111}^{(20)} + m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(10)}$$
$$+m_{001}^{(00)}m_{020}^{(22)}m_{120}^{(20)} - m_{001}^{(00)}m_{020}^{(22)}m_{111}^{(10)} - m_{001}^{(00)}m_{011}^{(10)}m_{021}^{(20)} + m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(10)}$$
$$+m_{001}^{(00)}m_{011}^{(11)}m_{111}^{(20)} - m_{001}^{(00)}m_{011}^{(11)}m_{102}^{(10)} + m_{001}^{(00)}m_{011}^{(20)}m_{030}^{(20)} - m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(10)}$$
$$-m_{001}^{(00)}m_{011}^{(21)}m_{120}^{(20)} + m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(10)} - m_{001}^{(10)}m_{200}^{(10)}m_{012}^{(21)} + m_{001}^{(10)}m_{200}^{(10)}m_{003}^{(11)}$$
$$-m_{001}^{(10)}m_{200}^{(11)}m_{102}^{(21)} + m_{001}^{(10)}m_{200}^{(11)}m_{003}^{(10)} + m_{001}^{(10)}m_{200}^{(20)}m_{021}^{(21)} - m_{001}^{(10)}m_{200}^{(20)}m_{012}^{(11)}$$
$$+3m_{001}^{(10)}m_{200}^{(21)}m_{111}^{(21)} - m_{001}^{(10)}m_{200}^{(21)}m_{102}^{(11)} - 2m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(10)} - 2m_{001}^{(10)}m_{200}^{(22)}m_{120}^{(21)}$$
$$+m_{001}^{(10)}m_{200}^{(22)}m_{111}^{(11)} + m_{001}^{(10)}m_{200}^{(22)}m_{021}^{(10)} + m_{001}^{(10)}m_{110}^{(00)}m_{012}^{(21)} - m_{001}^{(10)}m_{110}^{(00)}m_{003}^{(11)}$$
$$+m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(21)} + m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(20)} - 2m_{001}^{(10)}m_{110}^{(10)}m_{003}^{(10)} + m_{001}^{(10)}m_{110}^{(11)}m_{102}^{(20)}$$
$$-m_{001}^{(10)}m_{110}^{(11)}m_{003}^{(00)} - 3m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(21)} + 2m_{001}^{(10)}m_{110}^{(20)}m_{102}^{(11)} - m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(20)}$$
$$+2m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(10)} - m_{001}^{(10)}m_{110}^{(21)}m_{201}^{(21)} - 3m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(20)} + 2m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(10)}$$
$$+2m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(00)} + 2m_{001}^{(10)}m_{110}^{(22)}m_{210}^{(21)} - m_{001}^{(10)}m_{110}^{(22)}m_{201}^{(11)} + 2m_{001}^{(10)}m_{110}^{(22)}m_{120}^{(20)}$$
$$-2m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(10)} - m_{001}^{(10)}m_{110}^{(22)}m_{021}^{(00)} - m_{001}^{(10)}m_{101}^{(00)}m_{021}^{(21)} + m_{001}^{(10)}m_{101}^{(00)}m_{012}^{(11)}$$
$$-m_{001}^{(10)}m_{101}^{(10)}m_{102}^{(11)} + m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(10)} + m_{001}^{(10)}m_{101}^{(11)}m_{201}^{(21)} - m_{001}^{(10)}m_{101}^{(11)}m_{102}^{(10)}$$
$$+2m_{001}^{(10)}m_{101}^{(20)}m_{120}^{(21)} - m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(11)} - m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(10)} - 2m_{001}^{(10)}m_{101}^{(21)}m_{210}^{(21)}$$
$$+m_{001}^{(10)}m_{101}^{(21)}m_{201}^{(11)} + m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(10)} - m_{001}^{(10)}m_{020}^{(00)}m_{012}^{(20)} + m_{001}^{(10)}m_{020}^{(00)}m_{003}^{(10)}$$
$$-m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(20)} + m_{001}^{(10)}m_{020}^{(10)}m_{003}^{(00)} + 3m_{001}^{(10)}m_{020}^{(20)}m_{111}^{(20)} - 2m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(10)}$$
$$-m_{001}^{(10)}m_{020}^{(20)}m_{012}^{(00)} + m_{001}^{(10)}m_{020}^{(21)}m_{201}^{(20)} - m_{001}^{(10)}m_{020}^{(21)}m_{102}^{(00)} - 2m_{001}^{(10)}m_{020}^{(22)}m_{210}^{(20)}$$
$$+m_{001}^{(10)}m_{020}^{(22)}m_{201}^{(10)} + m_{001}^{(10)}m_{020}^{(22)}m_{111}^{(00)} + m_{001}^{(10)}m_{011}^{(00)}m_{021}^{(20)} - m_{001}^{(10)}m_{011}^{(00)}m_{012}^{(10)}$$
$$+m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(10)} - m_{001}^{(10)}m_{011}^{(10)}m_{012}^{(00)} - m_{001}^{(10)}m_{011}^{(11)}m_{201}^{(20)} + m_{001}^{(10)}m_{011}^{(11)}m_{102}^{(00)}$$
$$-2m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(20)} + m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(10)} + m_{001}^{(10)}m_{011}^{(20)}m_{021}^{(00)} + 2m_{001}^{(10)}m_{011}^{(21)}m_{210}^{(20)}$$
$$-m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(10)} - m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(00)} + m_{001}^{(11)}m_{200}^{(10)}m_{102}^{(21)} - m_{001}^{(11)}m_{200}^{(10)}m_{003}^{(10)}$$
$$-m_{001}^{(11)}m_{200}^{(20)}m_{111}^{(21)} + m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(10)} + m_{001}^{(11)}m_{200}^{(21)}m_{111}^{(20)} - m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(10)}$$
$$+m_{001}^{(11)}m_{200}^{(22)}m_{210}^{(21)} - m_{001}^{(11)}m_{200}^{(22)}m_{111}^{(10)} - m_{001}^{(11)}m_{110}^{(00)}m_{102}^{(21)} + m_{001}^{(11)}m_{110}^{(00)}m_{003}^{(10)}$$
$$-m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(20)} + m_{001}^{(11)}m_{110}^{(10)}m_{003}^{(00)} + 2m_{001}^{(11)}m_{110}^{(20)}m_{201}^{(21)} + m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(20)}$$
$$-2m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(10)} - m_{001}^{(11)}m_{110}^{(20)}m_{012}^{(00)} + m_{001}^{(11)}m_{110}^{(21)}m_{201}^{(20)} - m_{001}^{(11)}m_{110}^{(21)}m_{102}^{(00)}$$
$$-m_{001}^{(11)}m_{110}^{(22)}m_{300}^{(21)} - m_{001}^{(11)}m_{110}^{(22)}m_{210}^{(20)} + m_{001}^{(11)}m_{110}^{(22)}m_{201}^{(10)} + m_{001}^{(11)}m_{110}^{(22)}m_{111}^{(00)}$$
$$+m_{001}^{(11)}m_{101}^{(00)}m_{111}^{(21)} - m_{001}^{(11)}m_{101}^{(00)}m_{012}^{(10)} - m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(21)} + m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(10)}$$
$$-m_{001}^{(11)}m_{101}^{(20)}m_{210}^{(21)} + m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(10)} + m_{001}^{(11)}m_{101}^{(21)}m_{300}^{(21)} - m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(10)}$$
$$+m_{001}^{(11)}m_{020}^{(00)}m_{102}^{(20)} - m_{001}^{(11)}m_{020}^{(00)}m_{003}^{(00)} - 2m_{001}^{(11)}m_{020}^{(20)}m_{201}^{(20)} + 2m_{001}^{(11)}m_{020}^{(20)}m_{102}^{(00)}$$
$$+m_{001}^{(11)}m_{020}^{(22)}m_{300}^{(20)} - m_{001}^{(11)}m_{020}^{(22)}m_{201}^{(00)} - m_{001}^{(11)}m_{011}^{(00)}m_{111}^{(20)} + m_{001}^{(11)}m_{011}^{(00)}m_{012}^{(00)}$$

$$
\begin{aligned}
&+m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(20)} - m_{001}^{(11)}m_{011}^{(10)}m_{102}^{(00)} + m_{001}^{(11)}m_{011}^{(20)}m_{210}^{(20)} - m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(00)}\\
&-m_{001}^{(11)}m_{011}^{(21)}m_{300}^{(20)} + m_{001}^{(11)}m_{011}^{(21)}m_{201}^{(00)} + m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(21)} - m_{001}^{(20)}m_{200}^{(10)}m_{012}^{(11)}\\
&-m_{001}^{(20)}m_{200}^{(11)}m_{111}^{(21)} + 2m_{001}^{(20)}m_{200}^{(11)}m_{102}^{(11)} - m_{001}^{(20)}m_{200}^{(11)}m_{012}^{(10)} - m_{001}^{(20)}m_{200}^{(20)}m_{030}^{(21)}\\
&+m_{001}^{(20)}m_{200}^{(20)}m_{021}^{(11)} + m_{001}^{(20)}m_{200}^{(21)}m_{120}^{(21)} - 3m_{001}^{(20)}m_{200}^{(21)}m_{111}^{(11)} + 2m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(10)}\\
&+m_{001}^{(20)}m_{200}^{(22)}m_{120}^{(11)} - m_{001}^{(20)}m_{200}^{(22)}m_{030}^{(10)} - m_{001}^{(20)}m_{110}^{(00)}m_{021}^{(21)} + m_{001}^{(20)}m_{110}^{(00)}m_{012}^{(11)}\\
&+m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(21)} - 2m_{001}^{(20)}m_{110}^{(10)}m_{102}^{(11)} - m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(20)} + 2m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(10)}\\
&+m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(20)} - 2m_{001}^{(20)}m_{110}^{(11)}m_{102}^{(10)} + m_{001}^{(20)}m_{110}^{(11)}m_{012}^{(00)} + m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(21)}\\
&+m_{001}^{(20)}m_{110}^{(20)}m_{030}^{(20)} - 2m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(10)} - m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(21)} + 2m_{001}^{(20)}m_{110}^{(21)}m_{201}^{(11)}\\
&-m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(20)} + 2m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(10)} - 2m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(00)} - m_{001}^{(20)}m_{110}^{(22)}m_{210}^{(11)}\\
&+m_{001}^{(20)}m_{110}^{(22)}m_{030}^{(00)} + m_{001}^{(20)}m_{101}^{(00)}m_{030}^{(21)} - m_{001}^{(20)}m_{101}^{(00)}m_{021}^{(11)} - 2m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(21)}\\
&+3m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(11)} - m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(10)} + m_{001}^{(20)}m_{101}^{(11)}m_{210}^{(21)} - 2m_{001}^{(20)}m_{101}^{(11)}m_{201}^{(11)}\\
&+m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(10)} - m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(11)} + m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(10)} + m_{001}^{(20)}m_{101}^{(21)}m_{210}^{(11)}\\
&-m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(10)} + m_{001}^{(20)}m_{020}^{(00)}m_{021}^{(20)} - m_{001}^{(20)}m_{020}^{(00)}m_{012}^{(10)} - m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(20)}\\
&+2m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(10)} - m_{001}^{(20)}m_{020}^{(10)}m_{012}^{(00)} - m_{001}^{(20)}m_{020}^{(20)}m_{120}^{(20)} + m_{001}^{(20)}m_{020}^{(20)}m_{021}^{(00)}\\
&+m_{001}^{(20)}m_{020}^{(21)}m_{210}^{(20)} - 2m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(10)} + m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(00)} + m_{001}^{(20)}m_{020}^{(22)}m_{210}^{(10)}\\
&-m_{001}^{(20)}m_{020}^{(22)}m_{120}^{(00)} - m_{001}^{(20)}m_{011}^{(00)}m_{030}^{(20)} + m_{001}^{(20)}m_{011}^{(00)}m_{021}^{(10)} + 2m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(20)}\\
&-3m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(10)} + m_{001}^{(20)}m_{011}^{(10)}m_{021}^{(00)} - m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(20)} + 2m_{001}^{(20)}m_{011}^{(11)}m_{201}^{(10)}\\
&-m_{001}^{(20)}m_{011}^{(11)}m_{111}^{(00)} + m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(10)} - m_{001}^{(20)}m_{011}^{(20)}m_{030}^{(00)} - m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(10)}\\
&+m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(00)} - m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(21)} - m_{001}^{(21)}m_{200}^{(10)}m_{102}^{(11)} + 2m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(10)}\\
&+m_{001}^{(21)}m_{200}^{(11)}m_{201}^{(21)} - m_{001}^{(21)}m_{200}^{(11)}m_{102}^{(10)} + m_{001}^{(21)}m_{200}^{(20)}m_{120}^{(21)} + m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(11)}\\
&-2m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(10)} - m_{001}^{(21)}m_{200}^{(21)}m_{210}^{(21)} + m_{001}^{(21)}m_{200}^{(21)}m_{201}^{(11)} - m_{001}^{(21)}m_{200}^{(22)}m_{210}^{(11)}\\
&+m_{001}^{(21)}m_{200}^{(22)}m_{120}^{(10)} + m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(21)} + m_{001}^{(21)}m_{110}^{(00)}m_{102}^{(11)} - 2m_{001}^{(21)}m_{110}^{(00)}m_{012}^{(10)}\\
&-m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(21)} + m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(20)} + 2m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(10)} - 2m_{001}^{(21)}m_{110}^{(10)}m_{012}^{(00)}\\
&-m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(20)} + m_{001}^{(21)}m_{110}^{(11)}m_{102}^{(00)} - m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(21)} - 2m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(11)}\\
&-m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(20)} + 2m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(10)} + 2m_{001}^{(21)}m_{110}^{(20)}m_{021}^{(00)} + m_{001}^{(21)}m_{110}^{(21)}m_{300}^{(21)}\\
&+m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(20)} - 2m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(10)} + m_{001}^{(21)}m_{110}^{(22)}m_{300}^{(11)} - m_{001}^{(21)}m_{110}^{(22)}m_{120}^{(00)}\\
&-m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(21)} - m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(11)} + 2m_{001}^{(21)}m_{101}^{(00)}m_{021}^{(10)} + 2m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(21)}\\
&+m_{001}^{(21)}m_{101}^{(10)}m_{201}^{(11)} - 3m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(10)} - m_{001}^{(21)}m_{101}^{(11)}m_{300}^{(21)} + m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(10)}\\
&+m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(11)} - m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(10)} - m_{001}^{(21)}m_{101}^{(21)}m_{300}^{(11)} + m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(10)}\\
&-m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(20)} - m_{001}^{(21)}m_{020}^{(00)}m_{102}^{(10)} + 2m_{001}^{(21)}m_{020}^{(00)}m_{012}^{(00)} + m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(20)}\\
&-m_{001}^{(21)}m_{020}^{(10)}m_{102}^{(00)} + m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(20)} + 2m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(10)} - 3m_{001}^{(21)}m_{020}^{(20)}m_{111}^{(00)}\\
&-m_{001}^{(21)}m_{020}^{(21)}m_{300}^{(20)} + m_{001}^{(21)}m_{020}^{(21)}m_{201}^{(00)} - m_{001}^{(21)}m_{020}^{(22)}m_{300}^{(10)} + m_{001}^{(21)}m_{020}^{(22)}m_{210}^{(00)}\\
&+m_{001}^{(21)}m_{011}^{(00)}m_{120}^{(20)} + m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(10)} - 2m_{001}^{(21)}m_{011}^{(00)}m_{021}^{(00)} - 2m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(20)}\\
&-m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(10)} + 3m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(00)} + m_{001}^{(21)}m_{011}^{(11)}m_{300}^{(20)} - m_{001}^{(21)}m_{011}^{(11)}m_{201}^{(00)}\\
&-m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(10)} + m_{001}^{(21)}m_{011}^{(20)}m_{120}^{(00)} + m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(10)} - m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(00)}\\
&+m_{001}^{(22)}m_{200}^{(10)}m_{111}^{(11)} - m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(10)} - m_{001}^{(22)}m_{200}^{(11)}m_{201}^{(11)} + m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(10)}\\
&-m_{001}^{(22)}m_{200}^{(20)}m_{120}^{(11)} + m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(10)} + m_{001}^{(22)}m_{200}^{(21)}m_{210}^{(11)} - m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(10)}\\
&-m_{001}^{(22)}m_{110}^{(00)}m_{111}^{(11)} + m_{001}^{(22)}m_{110}^{(00)}m_{021}^{(10)} + m_{001}^{(22)}m_{110}^{(10)}m_{201}^{(11)} - 2m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(10)}
\end{aligned}
$$

$$
\begin{aligned}
&+m_{001}^{(22)}m_{110}^{(10)}m_{021}^{(00)} + m_{001}^{(22)}m_{110}^{(11)}m_{201}^{(10)} - m_{001}^{(22)}m_{110}^{(11)}m_{111}^{(00)} + m_{001}^{(22)}m_{110}^{(20)}m_{210}^{(11)}\\
&-m_{001}^{(22)}m_{110}^{(20)}m_{030}^{(00)} - m_{001}^{(22)}m_{110}^{(21)}m_{300}^{(11)} + m_{001}^{(22)}m_{110}^{(21)}m_{120}^{(00)} + m_{001}^{(22)}m_{101}^{(00)}m_{120}^{(11)}\\
&-m_{001}^{(22)}m_{101}^{(00)}m_{030}^{(10)} - 2m_{001}^{(22)}m_{101}^{(10)}m_{210}^{(11)} + 2m_{001}^{(22)}m_{101}^{(10)}m_{120}^{(10)} + m_{001}^{(22)}m_{101}^{(11)}m_{300}^{(11)}\\
&-m_{001}^{(22)}m_{101}^{(11)}m_{210}^{(10)} + m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(10)} - m_{001}^{(22)}m_{020}^{(00)}m_{021}^{(00)} - m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(10)}\\
&+m_{001}^{(22)}m_{020}^{(10)}m_{111}^{(00)} - m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(10)} + m_{001}^{(22)}m_{020}^{(20)}m_{120}^{(00)} + m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(10)}\\
&-m_{001}^{(22)}m_{020}^{(21)}m_{210}^{(00)} - m_{001}^{(22)}m_{011}^{(00)}m_{120}^{(10)} + m_{001}^{(22)}m_{011}^{(00)}m_{030}^{(00)} + 2m_{001}^{(22)}m_{011}^{(10)}m_{210}^{(10)}\\
&-2m_{001}^{(22)}m_{011}^{(10)}m_{120}^{(00)} - m_{001}^{(22)}m_{011}^{(11)}m_{300}^{(10)} + m_{001}^{(22)}m_{011}^{(11)}m_{210}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & 1 & V1 & 1\\
1 & V2 & 2 & V3\\
V2 & V3 & 3 & 3
\end{array}
$$



$$
\begin{aligned}
T_{69} \;=\;& m_{100}^{(00)}m_{110}^{(21)}m_{021}^{(22)} - 2m_{100}^{(00)}m_{110}^{(21)}m_{012}^{(21)} + m_{100}^{(00)}m_{110}^{(21)}m_{003}^{(11)} - m_{100}^{(00)}m_{110}^{(22)}m_{030}^{(22)}\\
&+2m_{100}^{(00)}m_{110}^{(22)}m_{021}^{(21)} - m_{100}^{(00)}m_{110}^{(22)}m_{012}^{(11)} - m_{100}^{(00)}m_{101}^{(11)}m_{021}^{(22)} + 2m_{100}^{(00)}m_{101}^{(11)}m_{012}^{(21)}\\
&-m_{100}^{(00)}m_{101}^{(11)}m_{003}^{(11)} + m_{100}^{(00)}m_{101}^{(21)}m_{030}^{(22)} - 2m_{100}^{(00)}m_{101}^{(21)}m_{021}^{(21)} + m_{100}^{(00)}m_{101}^{(21)}m_{012}^{(11)}\\
&-m_{100}^{(00)}m_{020}^{(20)}m_{021}^{(22)} + 2m_{100}^{(00)}m_{020}^{(20)}m_{012}^{(21)} - m_{100}^{(00)}m_{020}^{(20)}m_{003}^{(11)} + m_{100}^{(00)}m_{020}^{(22)}m_{120}^{(22)}\\
&-2m_{100}^{(00)}m_{020}^{(22)}m_{111}^{(21)} + m_{100}^{(00)}m_{020}^{(22)}m_{102}^{(11)} + m_{100}^{(00)}m_{011}^{(10)}m_{021}^{(22)} - 2m_{100}^{(00)}m_{011}^{(10)}m_{012}^{(21)}\\
&+m_{100}^{(00)}m_{011}^{(10)}m_{003}^{(11)} + m_{100}^{(00)}m_{011}^{(20)}m_{030}^{(22)} - 2m_{100}^{(00)}m_{011}^{(20)}m_{021}^{(21)} + m_{100}^{(00)}m_{011}^{(20)}m_{012}^{(11)}\\
&-2m_{100}^{(00)}m_{011}^{(21)}m_{120}^{(22)} + 4m_{100}^{(00)}m_{011}^{(21)}m_{111}^{(21)} - 2m_{100}^{(00)}m_{011}^{(21)}m_{102}^{(11)} - m_{100}^{(00)}m_{002}^{(10)}m_{030}^{(22)}\\
&+2m_{100}^{(00)}m_{002}^{(10)}m_{021}^{(21)} - m_{100}^{(00)}m_{002}^{(10)}m_{012}^{(11)} + m_{100}^{(00)}m_{002}^{(11)}m_{120}^{(22)} - 2m_{100}^{(00)}m_{002}^{(11)}m_{111}^{(21)}\\
&+m_{100}^{(00)}m_{002}^{(11)}m_{102}^{(11)} - 2m_{100}^{(10)}m_{110}^{(21)}m_{111}^{(22)} + 2m_{100}^{(10)}m_{110}^{(21)}m_{102}^{(21)} + 2m_{100}^{(10)}m_{110}^{(21)}m_{012}^{(20)}\\
&-2m_{100}^{(10)}m_{110}^{(21)}m_{003}^{(10)} + 2m_{100}^{(10)}m_{110}^{(22)}m_{120}^{(22)} - 2m_{100}^{(10)}m_{110}^{(22)}m_{111}^{(21)} - 2m_{100}^{(10)}m_{110}^{(22)}m_{021}^{(20)}\\
&+2m_{100}^{(10)}m_{110}^{(22)}m_{012}^{(10)} + 2m_{100}^{(10)}m_{101}^{(11)}m_{111}^{(22)} - 2m_{100}^{(10)}m_{101}^{(11)}m_{102}^{(21)} - 2m_{100}^{(10)}m_{101}^{(11)}m_{012}^{(20)}\\
&+2m_{100}^{(10)}m_{101}^{(11)}m_{003}^{(10)} - 2m_{100}^{(10)}m_{101}^{(21)}m_{120}^{(22)} + 2m_{100}^{(10)}m_{101}^{(21)}m_{111}^{(21)} + 2m_{100}^{(10)}m_{101}^{(21)}m_{021}^{(20)}\\
&-2m_{100}^{(10)}m_{101}^{(21)}m_{012}^{(10)} + 2m_{100}^{(10)}m_{020}^{(20)}m_{111}^{(22)} - 2m_{100}^{(10)}m_{020}^{(20)}m_{102}^{(21)} - 2m_{100}^{(10)}m_{020}^{(20)}m_{012}^{(20)}\\
&+2m_{100}^{(10)}m_{020}^{(20)}m_{003}^{(10)} - 2m_{100}^{(10)}m_{020}^{(22)}m_{210}^{(22)} + 2m_{100}^{(10)}m_{020}^{(22)}m_{201}^{(21)} + 2m_{100}^{(10)}m_{020}^{(22)}m_{111}^{(20)}\\
&-2m_{100}^{(10)}m_{020}^{(22)}m_{102}^{(10)} - 2m_{100}^{(10)}m_{011}^{(10)}m_{111}^{(22)} + 2m_{100}^{(10)}m_{011}^{(10)}m_{102}^{(21)} + 2m_{100}^{(10)}m_{011}^{(10)}m_{012}^{(20)}\\
&-2m_{100}^{(10)}m_{011}^{(10)}m_{003}^{(10)} - 2m_{100}^{(10)}m_{011}^{(20)}m_{120}^{(22)} + 2m_{100}^{(10)}m_{011}^{(20)}m_{111}^{(21)} + 2m_{100}^{(10)}m_{011}^{(20)}m_{021}^{(20)}
\end{aligned}
$$

$$
\begin{aligned}
&-2m_{100}^{(10)}m_{011}^{(20)}m_{012}^{(10)} + 4m_{100}^{(10)}m_{011}^{(21)}m_{210}^{(22)} - 4m_{100}^{(10)}m_{011}^{(21)}m_{201}^{(21)} - 4m_{100}^{(10)}m_{011}^{(21)}m_{111}^{(20)} \\
&+4m_{100}^{(10)}m_{011}^{(21)}m_{102}^{(10)} + 2m_{100}^{(10)}m_{002}^{(10)}m_{120}^{(22)} - 2m_{100}^{(10)}m_{002}^{(10)}m_{111}^{(21)} - 2m_{100}^{(10)}m_{002}^{(10)}m_{021}^{(20)} \\
&+2m_{100}^{(10)}m_{002}^{(10)}m_{012}^{(10)} - 2m_{100}^{(10)}m_{002}^{(11)}m_{210}^{(22)} + 2m_{100}^{(10)}m_{002}^{(11)}m_{201}^{(21)} + 2m_{100}^{(10)}m_{002}^{(11)}m_{111}^{(20)} \\
&-2m_{100}^{(10)}m_{002}^{(11)}m_{102}^{(10)} + m_{100}^{(11)}m_{110}^{(21)}m_{201}^{(22)} - 2m_{100}^{(11)}m_{110}^{(21)}m_{102}^{(20)} + m_{100}^{(11)}m_{110}^{(21)}m_{003}^{(00)} \\
&-m_{100}^{(11)}m_{110}^{(22)}m_{210}^{(22)} + 2m_{100}^{(11)}m_{110}^{(22)}m_{111}^{(20)} - m_{100}^{(11)}m_{110}^{(22)}m_{012}^{(00)} - m_{100}^{(11)}m_{101}^{(11)}m_{201}^{(22)} \\
&+2m_{100}^{(11)}m_{101}^{(11)}m_{102}^{(20)} - m_{100}^{(11)}m_{101}^{(11)}m_{003}^{(00)} + m_{100}^{(11)}m_{101}^{(21)}m_{210}^{(22)} - 2m_{100}^{(11)}m_{101}^{(21)}m_{111}^{(20)} \\
&+m_{100}^{(11)}m_{101}^{(21)}m_{012}^{(00)} - m_{100}^{(11)}m_{020}^{(20)}m_{201}^{(22)} + 2m_{100}^{(11)}m_{020}^{(20)}m_{102}^{(20)} - m_{100}^{(11)}m_{020}^{(20)}m_{003}^{(00)} \\
&+m_{100}^{(11)}m_{020}^{(22)}m_{300}^{(22)} - 2m_{100}^{(11)}m_{020}^{(22)}m_{201}^{(20)} + m_{100}^{(11)}m_{020}^{(22)}m_{102}^{(00)} + m_{100}^{(11)}m_{011}^{(10)}m_{201}^{(22)} \\
&-2m_{100}^{(11)}m_{011}^{(10)}m_{102}^{(20)} + m_{100}^{(11)}m_{011}^{(10)}m_{003}^{(00)} + m_{100}^{(11)}m_{011}^{(20)}m_{210}^{(22)} - 2m_{100}^{(11)}m_{011}^{(20)}m_{111}^{(20)} \\
&+m_{100}^{(11)}m_{011}^{(20)}m_{012}^{(00)} - 2m_{100}^{(11)}m_{011}^{(21)}m_{300}^{(22)} + 4m_{100}^{(11)}m_{011}^{(21)}m_{201}^{(20)} - 2m_{100}^{(11)}m_{011}^{(21)}m_{102}^{(00)} \\
&-m_{100}^{(11)}m_{002}^{(10)}m_{210}^{(22)} + 2m_{100}^{(11)}m_{002}^{(10)}m_{111}^{(20)} - m_{100}^{(11)}m_{002}^{(10)}m_{012}^{(00)} + m_{100}^{(11)}m_{002}^{(11)}m_{300}^{(22)} \\
&-2m_{100}^{(11)}m_{002}^{(11)}m_{201}^{(20)} + m_{100}^{(11)}m_{002}^{(11)}m_{102}^{(00)} + 2m_{100}^{(20)}m_{110}^{(21)}m_{111}^{(21)} - 2m_{100}^{(20)}m_{110}^{(21)}m_{102}^{(11)} \\
&-2m_{100}^{(20)}m_{110}^{(21)}m_{021}^{(20)} + 2m_{100}^{(20)}m_{110}^{(21)}m_{012}^{(10)} - 2m_{100}^{(20)}m_{110}^{(22)}m_{120}^{(21)} + 2m_{100}^{(20)}m_{110}^{(22)}m_{111}^{(11)} \\
&+2m_{100}^{(20)}m_{110}^{(22)}m_{030}^{(20)} - 2m_{100}^{(20)}m_{110}^{(22)}m_{021}^{(10)} - 2m_{100}^{(20)}m_{101}^{(11)}m_{111}^{(21)} + 2m_{100}^{(20)}m_{101}^{(11)}m_{102}^{(11)} \\
&+2m_{100}^{(20)}m_{101}^{(11)}m_{021}^{(20)} - 2m_{100}^{(20)}m_{101}^{(11)}m_{012}^{(10)} + 2m_{100}^{(20)}m_{101}^{(21)}m_{120}^{(21)} - 2m_{100}^{(20)}m_{101}^{(21)}m_{111}^{(11)} \\
&-2m_{100}^{(20)}m_{101}^{(21)}m_{030}^{(20)} + 2m_{100}^{(20)}m_{101}^{(21)}m_{021}^{(10)} - 2m_{100}^{(20)}m_{020}^{(20)}m_{111}^{(21)} + 2m_{100}^{(20)}m_{020}^{(20)}m_{102}^{(11)} \\
&+2m_{100}^{(20)}m_{020}^{(20)}m_{021}^{(20)} - 2m_{100}^{(20)}m_{020}^{(20)}m_{012}^{(10)} + 2m_{100}^{(20)}m_{020}^{(22)}m_{210}^{(21)} - 2m_{100}^{(20)}m_{020}^{(22)}m_{201}^{(11)} \\
&-2m_{100}^{(20)}m_{020}^{(22)}m_{120}^{(20)} + 2m_{100}^{(20)}m_{020}^{(22)}m_{111}^{(10)} + 2m_{100}^{(20)}m_{011}^{(10)}m_{111}^{(21)} - 2m_{100}^{(20)}m_{011}^{(10)}m_{102}^{(11)} \\
&-2m_{100}^{(20)}m_{011}^{(10)}m_{021}^{(20)} + 2m_{100}^{(20)}m_{011}^{(10)}m_{012}^{(10)} + 2m_{100}^{(20)}m_{011}^{(20)}m_{120}^{(21)} - 2m_{100}^{(20)}m_{011}^{(20)}m_{111}^{(11)} \\
&-2m_{100}^{(20)}m_{011}^{(20)}m_{030}^{(20)} + 2m_{100}^{(20)}m_{011}^{(20)}m_{021}^{(10)} - 4m_{100}^{(20)}m_{011}^{(21)}m_{210}^{(21)} + 4m_{100}^{(20)}m_{011}^{(21)}m_{201}^{(11)} \\
&+4m_{100}^{(20)}m_{011}^{(21)}m_{120}^{(20)} - 4m_{100}^{(20)}m_{011}^{(21)}m_{111}^{(10)} - 2m_{100}^{(20)}m_{002}^{(10)}m_{120}^{(21)} + 2m_{100}^{(20)}m_{002}^{(10)}m_{111}^{(11)} \\
&+2m_{100}^{(20)}m_{002}^{(10)}m_{030}^{(20)} - 2m_{100}^{(20)}m_{002}^{(10)}m_{021}^{(10)} + 2m_{100}^{(20)}m_{002}^{(11)}m_{210}^{(21)} - 2m_{100}^{(20)}m_{002}^{(11)}m_{201}^{(11)} \\
&-2m_{100}^{(20)}m_{002}^{(11)}m_{120}^{(20)} + 2m_{100}^{(20)}m_{002}^{(11)}m_{111}^{(10)} - 2m_{100}^{(21)}m_{110}^{(21)}m_{201}^{(21)} + 2m_{100}^{(21)}m_{110}^{(21)}m_{111}^{(20)} \\
&+2m_{100}^{(21)}m_{110}^{(21)}m_{102}^{(10)} - 2m_{100}^{(21)}m_{110}^{(21)}m_{012}^{(00)} + 2m_{100}^{(21)}m_{110}^{(22)}m_{210}^{(21)} - 2m_{100}^{(21)}m_{110}^{(22)}m_{120}^{(20)} \\
&-2m_{100}^{(21)}m_{110}^{(22)}m_{111}^{(10)} + 2m_{100}^{(21)}m_{110}^{(22)}m_{021}^{(00)} + 2m_{100}^{(21)}m_{101}^{(11)}m_{201}^{(21)} - 2m_{100}^{(21)}m_{101}^{(11)}m_{111}^{(20)} \\
&-2m_{100}^{(21)}m_{101}^{(11)}m_{102}^{(10)} + 2m_{100}^{(21)}m_{101}^{(11)}m_{012}^{(00)} - 2m_{100}^{(21)}m_{101}^{(21)}m_{210}^{(21)} + 2m_{100}^{(21)}m_{101}^{(21)}m_{120}^{(20)} \\
&+2m_{100}^{(21)}m_{101}^{(21)}m_{111}^{(10)} - 2m_{100}^{(21)}m_{101}^{(21)}m_{021}^{(00)} + 2m_{100}^{(21)}m_{020}^{(21)}m_{201}^{(21)} - 2m_{100}^{(21)}m_{020}^{(21)}m_{111}^{(20)} \\
&-2m_{100}^{(21)}m_{020}^{(20)}m_{102}^{(10)} + 2m_{100}^{(21)}m_{020}^{(20)}m_{012}^{(00)} - 2m_{100}^{(21)}m_{020}^{(22)}m_{300}^{(21)} + 2m_{100}^{(21)}m_{020}^{(22)}m_{210}^{(20)} \\
&+2m_{100}^{(21)}m_{020}^{(22)}m_{201}^{(10)} - 2m_{100}^{(21)}m_{020}^{(22)}m_{111}^{(00)} - 2m_{100}^{(21)}m_{011}^{(10)}m_{201}^{(21)} + 2m_{100}^{(21)}m_{011}^{(10)}m_{111}^{(20)} \\
&+2m_{100}^{(21)}m_{011}^{(10)}m_{102}^{(10)} - 2m_{100}^{(21)}m_{011}^{(10)}m_{012}^{(00)} - 2m_{100}^{(21)}m_{011}^{(20)}m_{210}^{(21)} + 2m_{100}^{(21)}m_{011}^{(20)}m_{120}^{(20)} \\
&+2m_{100}^{(21)}m_{011}^{(20)}m_{111}^{(10)} - 2m_{100}^{(21)}m_{011}^{(20)}m_{021}^{(00)} + 4m_{100}^{(21)}m_{011}^{(21)}m_{300}^{(21)} - 4m_{100}^{(21)}m_{011}^{(21)}m_{210}^{(20)} \\
&-4m_{100}^{(21)}m_{011}^{(21)}m_{201}^{(10)} + 4m_{100}^{(21)}m_{011}^{(21)}m_{111}^{(00)} + 2m_{100}^{(21)}m_{002}^{(10)}m_{210}^{(21)} - 2m_{100}^{(21)}m_{002}^{(10)}m_{120}^{(20)} \\
&-2m_{100}^{(21)}m_{002}^{(10)}m_{111}^{(10)} + 2m_{100}^{(21)}m_{002}^{(10)}m_{021}^{(00)} - 2m_{100}^{(21)}m_{002}^{(11)}m_{300}^{(21)} + 2m_{100}^{(21)}m_{002}^{(11)}m_{210}^{(20)} \\
&+2m_{100}^{(21)}m_{002}^{(11)}m_{201}^{(10)} - 2m_{100}^{(21)}m_{002}^{(11)}m_{111}^{(00)} + m_{100}^{(22)}m_{110}^{(21)}m_{201}^{(11)} - 2m_{100}^{(22)}m_{110}^{(21)}m_{111}^{(10)} \\
&+m_{100}^{(22)}m_{110}^{(21)}m_{021}^{(00)} - m_{100}^{(22)}m_{110}^{(22)}m_{210}^{(11)} + 2m_{100}^{(22)}m_{110}^{(22)}m_{120}^{(10)} - m_{100}^{(22)}m_{110}^{(22)}m_{030}^{(00)} \\
&-m_{100}^{(22)}m_{101}^{(11)}m_{201}^{(11)} + 2m_{100}^{(22)}m_{101}^{(11)}m_{111}^{(10)} - m_{100}^{(22)}m_{101}^{(11)}m_{021}^{(00)} + m_{100}^{(22)}m_{101}^{(21)}m_{210}^{(11)} \\
&-2m_{100}^{(22)}m_{101}^{(21)}m_{120}^{(10)} + m_{100}^{(22)}m_{101}^{(21)}m_{030}^{(00)} - m_{100}^{(22)}m_{020}^{(20)}m_{201}^{(11)} + 2m_{100}^{(22)}m_{020}^{(20)}m_{111}^{(10)} \\
&-m_{100}^{(22)}m_{020}^{(20)}m_{021}^{(00)} + m_{100}^{(22)}m_{020}^{(22)}m_{300}^{(11)} - 2m_{100}^{(22)}m_{020}^{(22)}m_{210}^{(10)} + m_{100}^{(22)}m_{020}^{(22)}m_{120}^{(00)}
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&+m_{100}^{(22)}m_{011}^{(10)}m_{201}^{(11)} - 2m_{100}^{(22)}m_{011}^{(10)}m_{111}^{(10)} + m_{100}^{(22)}m_{011}^{(10)}m_{021}^{(00)} + m_{100}^{(22)}m_{011}^{(20)}m_{210}^{(11)}\\
&-2m_{100}^{(22)}m_{011}^{(20)}m_{120}^{(10)} + m_{100}^{(22)}m_{011}^{(20)}m_{030}^{(00)} - 2m_{100}^{(22)}m_{011}^{(21)}m_{300}^{(11)} + 4m_{100}^{(22)}m_{011}^{(21)}m_{210}^{(10)}\\
&-2m_{100}^{(22)}m_{011}^{(21)}m_{120}^{(00)} - m_{100}^{(22)}m_{002}^{(10)}m_{210}^{(11)} + 2m_{100}^{(22)}m_{002}^{(10)}m_{120}^{(10)} - m_{100}^{(22)}m_{002}^{(10)}m_{030}^{(00)}\\
&+m_{100}^{(22)}m_{002}^{(11)}m_{300}^{(11)} - 2m_{100}^{(22)}m_{002}^{(11)}m_{210}^{(10)} + m_{100}^{(22)}m_{002}^{(11)}m_{120}^{(00)} - m_{010}^{(00)}m_{200}^{(21)}m_{021}^{(22)}\\
&+2m_{010}^{(00)}m_{200}^{(21)}m_{012}^{(21)} - m_{010}^{(00)}m_{200}^{(21)}m_{003}^{(11)} + m_{010}^{(00)}m_{200}^{(22)}m_{030}^{(22)} - 2m_{010}^{(00)}m_{200}^{(22)}m_{021}^{(21)}\\
&+m_{010}^{(00)}m_{200}^{(22)}m_{012}^{(11)} + m_{010}^{(00)}m_{110}^{(20)}m_{021}^{(22)} - 2m_{010}^{(00)}m_{110}^{(20)}m_{012}^{(21)} + m_{010}^{(00)}m_{110}^{(20)}m_{003}^{(11)}\\
&-m_{010}^{(00)}m_{110}^{(22)}m_{120}^{(22)} + 2m_{010}^{(00)}m_{110}^{(22)}m_{111}^{(21)} - m_{010}^{(00)}m_{110}^{(22)}m_{102}^{(11)} + m_{010}^{(00)}m_{101}^{(10)}m_{021}^{(22)}\\
&-2m_{010}^{(00)}m_{101}^{(10)}m_{012}^{(21)} + m_{010}^{(00)}m_{101}^{(10)}m_{003}^{(11)} - 2m_{010}^{(00)}m_{101}^{(20)}m_{030}^{(22)} + 4m_{010}^{(00)}m_{101}^{(20)}m_{021}^{(21)}\\
&-2m_{010}^{(00)}m_{101}^{(20)}m_{012}^{(11)} + m_{010}^{(00)}m_{101}^{(21)}m_{120}^{(22)} - 2m_{010}^{(00)}m_{101}^{(21)}m_{111}^{(21)} + m_{010}^{(00)}m_{101}^{(21)}m_{102}^{(11)}\\
&-m_{010}^{(00)}m_{011}^{(00)}m_{021}^{(22)} + 2m_{010}^{(00)}m_{011}^{(00)}m_{012}^{(21)} - m_{010}^{(00)}m_{011}^{(00)}m_{003}^{(11)} + m_{010}^{(00)}m_{011}^{(20)}m_{120}^{(22)}\\
&-2m_{010}^{(00)}m_{011}^{(20)}m_{111}^{(21)} + m_{010}^{(00)}m_{011}^{(20)}m_{102}^{(11)} + m_{010}^{(00)}m_{002}^{(00)}m_{030}^{(22)} - 2m_{010}^{(00)}m_{002}^{(00)}m_{021}^{(21)}\\
&+m_{010}^{(00)}m_{002}^{(00)}m_{012}^{(11)} - m_{010}^{(00)}m_{002}^{(10)}m_{120}^{(22)} + 2m_{010}^{(00)}m_{002}^{(10)}m_{111}^{(21)} - m_{010}^{(00)}m_{002}^{(10)}m_{102}^{(11)}\\
&+2m_{010}^{(10)}m_{200}^{(21)}m_{111}^{(22)} - 2m_{010}^{(10)}m_{200}^{(21)}m_{102}^{(21)} - 2m_{010}^{(10)}m_{200}^{(21)}m_{012}^{(20)} + 2m_{010}^{(10)}m_{200}^{(21)}m_{003}^{(10)}\\
&-2m_{010}^{(10)}m_{200}^{(22)}m_{120}^{(22)} + 2m_{010}^{(10)}m_{200}^{(22)}m_{111}^{(21)} + 2m_{010}^{(10)}m_{200}^{(22)}m_{021}^{(20)} - 2m_{010}^{(10)}m_{200}^{(22)}m_{012}^{(10)}\\
&-2m_{010}^{(10)}m_{110}^{(20)}m_{111}^{(22)} + 2m_{010}^{(10)}m_{110}^{(20)}m_{102}^{(21)} + 2m_{010}^{(10)}m_{110}^{(20)}m_{012}^{(20)} - 2m_{010}^{(10)}m_{110}^{(20)}m_{003}^{(10)}\\
&+2m_{010}^{(10)}m_{110}^{(22)}m_{210}^{(22)} - 2m_{010}^{(10)}m_{110}^{(22)}m_{201}^{(21)} - 2m_{010}^{(10)}m_{110}^{(22)}m_{111}^{(20)} + 2m_{010}^{(10)}m_{110}^{(22)}m_{102}^{(10)}\\
&-2m_{010}^{(10)}m_{101}^{(10)}m_{111}^{(22)} + 2m_{010}^{(10)}m_{101}^{(10)}m_{102}^{(21)} + 2m_{010}^{(10)}m_{101}^{(10)}m_{012}^{(20)} - 2m_{010}^{(10)}m_{101}^{(10)}m_{003}^{(10)}\\
&+4m_{010}^{(10)}m_{101}^{(20)}m_{120}^{(22)} - 4m_{010}^{(10)}m_{101}^{(20)}m_{111}^{(21)} - 4m_{010}^{(10)}m_{101}^{(20)}m_{021}^{(20)} + 4m_{010}^{(10)}m_{101}^{(20)}m_{012}^{(10)}\\
&-2m_{010}^{(10)}m_{101}^{(21)}m_{210}^{(22)} + 2m_{010}^{(10)}m_{101}^{(21)}m_{201}^{(21)} + 2m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(20)} - 2m_{010}^{(10)}m_{101}^{(21)}m_{102}^{(10)}\\
&+2m_{010}^{(10)}m_{011}^{(00)}m_{111}^{(22)} - 2m_{010}^{(10)}m_{011}^{(00)}m_{102}^{(21)} - 2m_{010}^{(10)}m_{011}^{(00)}m_{012}^{(20)} + 2m_{010}^{(10)}m_{011}^{(00)}m_{003}^{(10)}\\
&-2m_{010}^{(10)}m_{011}^{(20)}m_{210}^{(22)} + 2m_{010}^{(10)}m_{011}^{(20)}m_{201}^{(21)} + 2m_{010}^{(10)}m_{011}^{(20)}m_{111}^{(20)} - 2m_{010}^{(10)}m_{011}^{(20)}m_{102}^{(10)}\\
&-2m_{010}^{(10)}m_{002}^{(00)}m_{120}^{(22)} + 2m_{010}^{(10)}m_{002}^{(00)}m_{111}^{(21)} + 2m_{010}^{(10)}m_{002}^{(00)}m_{021}^{(20)} - 2m_{010}^{(10)}m_{002}^{(00)}m_{012}^{(10)}\\
&+2m_{010}^{(10)}m_{002}^{(10)}m_{210}^{(22)} - 2m_{010}^{(10)}m_{002}^{(10)}m_{201}^{(21)} - 2m_{010}^{(10)}m_{002}^{(10)}m_{111}^{(20)} + 2m_{010}^{(10)}m_{002}^{(10)}m_{102}^{(10)}\\
&-m_{010}^{(11)}m_{200}^{(21)}m_{201}^{(22)} + 2m_{010}^{(11)}m_{200}^{(21)}m_{102}^{(20)} - m_{010}^{(11)}m_{200}^{(21)}m_{003}^{(00)} + m_{010}^{(11)}m_{200}^{(22)}m_{210}^{(22)}\\
&-2m_{010}^{(11)}m_{200}^{(22)}m_{111}^{(20)} + m_{010}^{(11)}m_{200}^{(22)}m_{012}^{(00)} + m_{010}^{(11)}m_{110}^{(20)}m_{201}^{(22)} - 2m_{010}^{(11)}m_{110}^{(20)}m_{102}^{(20)}\\
&+m_{010}^{(11)}m_{110}^{(20)}m_{003}^{(00)} - m_{010}^{(11)}m_{110}^{(22)}m_{300}^{(22)} + 2m_{010}^{(11)}m_{110}^{(22)}m_{201}^{(20)} - m_{010}^{(11)}m_{110}^{(22)}m_{102}^{(00)}\\
&+m_{010}^{(11)}m_{101}^{(10)}m_{201}^{(22)} - 2m_{010}^{(11)}m_{101}^{(10)}m_{102}^{(20)} + m_{010}^{(11)}m_{101}^{(10)}m_{003}^{(00)} - 2m_{010}^{(11)}m_{101}^{(20)}m_{210}^{(22)}\\
&+4m_{010}^{(11)}m_{101}^{(20)}m_{111}^{(20)} - 2m_{010}^{(11)}m_{101}^{(20)}m_{012}^{(00)} + m_{010}^{(11)}m_{101}^{(21)}m_{300}^{(22)} - 2m_{010}^{(11)}m_{101}^{(21)}m_{201}^{(20)}\\
&+m_{010}^{(11)}m_{101}^{(21)}m_{102}^{(00)} - m_{010}^{(11)}m_{011}^{(00)}m_{201}^{(22)} + 2m_{010}^{(11)}m_{011}^{(00)}m_{102}^{(20)} - m_{010}^{(11)}m_{011}^{(00)}m_{003}^{(00)}\\
&+m_{010}^{(11)}m_{011}^{(20)}m_{300}^{(22)} - 2m_{010}^{(11)}m_{011}^{(20)}m_{201}^{(20)} + m_{010}^{(11)}m_{011}^{(20)}m_{102}^{(00)} + m_{010}^{(11)}m_{002}^{(00)}m_{210}^{(22)}\\
&-2m_{010}^{(11)}m_{002}^{(00)}m_{111}^{(20)} + m_{010}^{(11)}m_{002}^{(00)}m_{012}^{(00)} - m_{010}^{(11)}m_{002}^{(10)}m_{300}^{(22)} + 2m_{010}^{(11)}m_{002}^{(10)}m_{201}^{(20)}\\
&-m_{010}^{(11)}m_{002}^{(10)}m_{102}^{(00)} - 2m_{010}^{(20)}m_{200}^{(21)}m_{111}^{(21)} + 2m_{010}^{(20)}m_{200}^{(21)}m_{102}^{(11)} + 2m_{010}^{(20)}m_{200}^{(21)}m_{021}^{(20)}\\
&-2m_{010}^{(20)}m_{200}^{(21)}m_{012}^{(10)} + 2m_{010}^{(20)}m_{200}^{(22)}m_{120}^{(21)} - 2m_{010}^{(20)}m_{200}^{(22)}m_{111}^{(11)} - 2m_{010}^{(20)}m_{200}^{(22)}m_{030}^{(20)}\\
&+2m_{010}^{(20)}m_{200}^{(22)}m_{021}^{(10)} + 2m_{010}^{(20)}m_{110}^{(20)}m_{111}^{(21)} - 2m_{010}^{(20)}m_{110}^{(20)}m_{102}^{(11)} - 2m_{010}^{(20)}m_{110}^{(20)}m_{021}^{(20)}\\
&+2m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(10)} - 2m_{010}^{(20)}m_{110}^{(22)}m_{210}^{(21)} + 2m_{010}^{(20)}m_{110}^{(22)}m_{201}^{(11)} + 2m_{010}^{(20)}m_{110}^{(22)}m_{120}^{(20)}\\
&-2m_{010}^{(20)}m_{110}^{(22)}m_{111}^{(10)} + 2m_{010}^{(20)}m_{101}^{(10)}m_{111}^{(21)} - 2m_{010}^{(20)}m_{101}^{(10)}m_{102}^{(11)} - 2m_{010}^{(20)}m_{101}^{(10)}m_{021}^{(20)}\\
&+2m_{010}^{(20)}m_{101}^{(10)}m_{012}^{(10)} - 4m_{010}^{(20)}m_{101}^{(20)}m_{120}^{(21)} + 4m_{010}^{(20)}m_{101}^{(20)}m_{111}^{(11)} + 4m_{010}^{(20)}m_{101}^{(20)}m_{030}^{(20)}\\
&-4m_{010}^{(20)}m_{101}^{(20)}m_{021}^{(10)} + 2m_{010}^{(20)}m_{101}^{(21)}m_{210}^{(21)} - 2m_{010}^{(20)}m_{101}^{(21)}m_{201}^{(11)} - 2m_{010}^{(20)}m_{101}^{(21)}m_{120}^{(20)}
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&+2m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(10)} - 2m_{010}^{(20)}m_{011}^{(00)}m_{111}^{(21)} + 2m_{010}^{(20)}m_{011}^{(00)}m_{102}^{(11)} + 2m_{010}^{(20)}m_{011}^{(00)}m_{021}^{(20)} \\
&-2m_{010}^{(20)}m_{011}^{(00)}m_{012}^{(10)} + 2m_{010}^{(20)}m_{011}^{(20)}m_{210}^{(21)} - 2m_{010}^{(20)}m_{011}^{(20)}m_{201}^{(11)} - 2m_{010}^{(20)}m_{011}^{(20)}m_{120}^{(20)} \\
&+2m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(10)} + 2m_{010}^{(20)}m_{002}^{(00)}m_{120}^{(21)} - 2m_{010}^{(20)}m_{002}^{(00)}m_{111}^{(11)} - 2m_{010}^{(20)}m_{002}^{(00)}m_{030}^{(20)} \\
&+2m_{010}^{(20)}m_{002}^{(00)}m_{021}^{(10)} - 2m_{010}^{(20)}m_{002}^{(10)}m_{210}^{(21)} + 2m_{010}^{(20)}m_{002}^{(10)}m_{201}^{(11)} + 2m_{010}^{(20)}m_{002}^{(10)}m_{120}^{(20)} \\
&-2m_{010}^{(20)}m_{002}^{(10)}m_{111}^{(10)} + 2m_{010}^{(21)}m_{200}^{(21)}m_{201}^{(21)} - 2m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(20)} - 2m_{010}^{(21)}m_{200}^{(21)}m_{102}^{(10)} \\
&+2m_{010}^{(21)}m_{200}^{(21)}m_{012}^{(00)} - 2m_{010}^{(21)}m_{200}^{(22)}m_{210}^{(21)} + 2m_{010}^{(21)}m_{200}^{(22)}m_{120}^{(20)} + 2m_{010}^{(21)}m_{200}^{(22)}m_{111}^{(10)} \\
&-2m_{010}^{(21)}m_{200}^{(22)}m_{021}^{(00)} - 2m_{010}^{(21)}m_{110}^{(20)}m_{201}^{(21)} + 2m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(20)} + 2m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(10)} \\
&-2m_{010}^{(21)}m_{110}^{(20)}m_{012}^{(00)} + 2m_{010}^{(21)}m_{110}^{(22)}m_{300}^{(21)} - 2m_{010}^{(21)}m_{110}^{(22)}m_{210}^{(20)} - 2m_{010}^{(21)}m_{110}^{(22)}m_{201}^{(10)} \\
&+2m_{010}^{(21)}m_{110}^{(22)}m_{111}^{(00)} - 2m_{010}^{(21)}m_{101}^{(10)}m_{201}^{(21)} + 2m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(20)} + 2m_{010}^{(21)}m_{101}^{(10)}m_{102}^{(10)} \\
&-2m_{010}^{(21)}m_{101}^{(10)}m_{012}^{(00)} + 4m_{010}^{(21)}m_{101}^{(20)}m_{210}^{(21)} - 4m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(20)} - 4m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(10)} \\
&+4m_{010}^{(21)}m_{101}^{(20)}m_{021}^{(00)} - 2m_{010}^{(21)}m_{101}^{(21)}m_{300}^{(21)} + 2m_{010}^{(21)}m_{101}^{(21)}m_{210}^{(20)} + 2m_{010}^{(21)}m_{101}^{(21)}m_{201}^{(10)} \\
&-2m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(00)} + 2m_{010}^{(21)}m_{011}^{(00)}m_{201}^{(21)} - 2m_{010}^{(21)}m_{011}^{(00)}m_{111}^{(20)} - 2m_{010}^{(21)}m_{011}^{(00)}m_{102}^{(10)} \\
&+2m_{010}^{(21)}m_{011}^{(00)}m_{012}^{(00)} - 2m_{010}^{(21)}m_{011}^{(20)}m_{300}^{(21)} + 2m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(20)} + 2m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(10)} \\
&-2m_{010}^{(21)}m_{011}^{(20)}m_{111}^{(00)} - 2m_{010}^{(21)}m_{002}^{(00)}m_{210}^{(21)} + 2m_{010}^{(21)}m_{002}^{(00)}m_{120}^{(20)} + 2m_{010}^{(21)}m_{002}^{(00)}m_{111}^{(10)} \\
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&+2m_{010}^{(21)}m_{002}^{(10)}m_{111}^{(00)} - m_{010}^{(22)}m_{200}^{(21)}m_{201}^{(11)} + 2m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(10)} - m_{010}^{(22)}m_{200}^{(21)}m_{021}^{(00)} \\
&+m_{010}^{(22)}m_{200}^{(22)}m_{210}^{(11)} - 2m_{010}^{(22)}m_{200}^{(22)}m_{120}^{(10)} + m_{010}^{(22)}m_{200}^{(22)}m_{030}^{(00)} + m_{010}^{(22)}m_{110}^{(20)}m_{201}^{(11)} \\
&-2m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(10)} + m_{010}^{(22)}m_{110}^{(20)}m_{021}^{(00)} - m_{010}^{(22)}m_{110}^{(22)}m_{300}^{(11)} + 2m_{010}^{(22)}m_{110}^{(22)}m_{210}^{(10)} \\
&-m_{010}^{(22)}m_{110}^{(22)}m_{120}^{(00)} + m_{010}^{(22)}m_{101}^{(10)}m_{201}^{(11)} - 2m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(10)} + m_{010}^{(22)}m_{101}^{(10)}m_{021}^{(00)} \\
&-2m_{010}^{(22)}m_{101}^{(20)}m_{210}^{(11)} + 4m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(10)} - 2m_{010}^{(22)}m_{101}^{(20)}m_{030}^{(00)} + m_{010}^{(22)}m_{101}^{(21)}m_{300}^{(11)} \\
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&-m_{010}^{(22)}m_{011}^{(00)}m_{021}^{(00)} + m_{010}^{(22)}m_{011}^{(20)}m_{300}^{(11)} - 2m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(10)} + m_{010}^{(22)}m_{011}^{(20)}m_{120}^{(00)} \\
&+m_{010}^{(22)}m_{002}^{(00)}m_{210}^{(11)} - 2m_{010}^{(22)}m_{002}^{(00)}m_{120}^{(10)} + m_{010}^{(22)}m_{002}^{(00)}m_{030}^{(00)} - m_{010}^{(22)}m_{002}^{(10)}m_{300}^{(11)} \\
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&+m_{001}^{(00)}m_{200}^{(11)}m_{003}^{(11)} - m_{001}^{(00)}m_{200}^{(21)}m_{030}^{(22)} + 2m_{001}^{(00)}m_{200}^{(21)}m_{021}^{(21)} - m_{001}^{(00)}m_{200}^{(21)}m_{012}^{(11)} \\
&-2m_{001}^{(00)}m_{110}^{(10)}m_{021}^{(22)} + 4m_{001}^{(00)}m_{110}^{(10)}m_{012}^{(21)} - 2m_{001}^{(00)}m_{110}^{(10)}m_{003}^{(11)} + m_{001}^{(00)}m_{110}^{(20)}m_{030}^{(22)} \\
&-2m_{001}^{(00)}m_{110}^{(20)}m_{021}^{(21)} + m_{001}^{(00)}m_{110}^{(20)}m_{012}^{(11)} + m_{001}^{(00)}m_{110}^{(21)}m_{120}^{(22)} - 2m_{001}^{(00)}m_{110}^{(21)}m_{111}^{(21)} \\
&+m_{001}^{(00)}m_{110}^{(21)}m_{102}^{(11)} + m_{001}^{(00)}m_{101}^{(10)}m_{030}^{(22)} - 2m_{001}^{(00)}m_{101}^{(10)}m_{021}^{(21)} + m_{001}^{(00)}m_{101}^{(10)}m_{012}^{(11)} \\
&-m_{001}^{(00)}m_{101}^{(11)}m_{120}^{(22)} + 2m_{001}^{(00)}m_{101}^{(11)}m_{111}^{(21)} - m_{001}^{(00)}m_{101}^{(11)}m_{102}^{(12)} + m_{001}^{(00)}m_{020}^{(00)}m_{021}^{(22)} \\
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&-m_{001}^{(00)}m_{020}^{(20)}m_{102}^{(11)} - m_{001}^{(00)}m_{011}^{(00)}m_{030}^{(22)} + 2m_{001}^{(00)}m_{011}^{(00)}m_{021}^{(21)} - m_{001}^{(00)}m_{011}^{(00)}m_{012}^{(11)} \\
&+m_{001}^{(00)}m_{011}^{(10)}m_{120}^{(22)} - 2m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(21)} + m_{001}^{(00)}m_{011}^{(10)}m_{102}^{(11)} - 2m_{001}^{(10)}m_{200}^{(11)}m_{111}^{(22)} \\
&+2m_{001}^{(10)}m_{200}^{(11)}m_{102}^{(21)} + 2m_{001}^{(10)}m_{200}^{(11)}m_{012}^{(20)} - 2m_{001}^{(10)}m_{200}^{(11)}m_{003}^{(10)} + 2m_{001}^{(10)}m_{200}^{(21)}m_{120}^{(22)} \\
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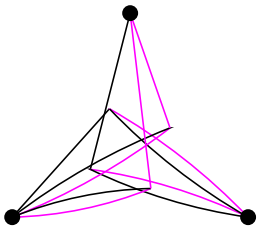
&-4m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(21)} - 4m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(20)} + 4m_{001}^{(10)}m_{110}^{(10)}m_{003}^{(10)} - 2m_{001}^{(10)}m_{110}^{(20)}m_{120}^{(22)} \\
&+2m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(21)} + 2m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(20)} - 2m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(10)} - 2m_{001}^{(10)}m_{110}^{(21)}m_{210}^{(22)} \\
&+2m_{001}^{(10)}m_{110}^{(21)}m_{201}^{(21)} + 2m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(20)} - 2m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(10)} - 2m_{001}^{(10)}m_{101}^{(10)}m_{120}^{(22)} \\
&+2m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(21)} + 2m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(20)} - 2m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(10)} + 2m_{001}^{(10)}m_{101}^{(11)}m_{210}^{(22)}
\end{aligned}
$$

$$
\begin{aligned}
&-2m_{001}^{(10)}m_{101}^{(11)}m_{201}^{(21)} - 2m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(20)} + 2m_{001}^{(10)}m_{101}^{(11)}m_{102}^{(10)} - 2m_{001}^{(10)}m_{020}^{(00)}m_{111}^{(22)}\\
&+2m_{001}^{(10)}m_{020}^{(00)}m_{102}^{(21)} + 2m_{001}^{(10)}m_{020}^{(00)}m_{012}^{(20)} - 2m_{001}^{(10)}m_{020}^{(00)}m_{003}^{(10)} + 2m_{001}^{(10)}m_{020}^{(20)}m_{210}^{(22)}\\
&-2m_{001}^{(10)}m_{020}^{(20)}m_{201}^{(21)} - 2m_{001}^{(10)}m_{020}^{(20)}m_{111}^{(20)} + 2m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(10)} + 2m_{001}^{(10)}m_{011}^{(00)}m_{120}^{(22)}\\
&-2m_{001}^{(10)}m_{011}^{(00)}m_{111}^{(21)} - 2m_{001}^{(10)}m_{011}^{(00)}m_{021}^{(20)} + 2m_{001}^{(10)}m_{011}^{(00)}m_{012}^{(10)} - 2m_{001}^{(10)}m_{011}^{(10)}m_{210}^{(22)}\\
&+2m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(21)} + 2m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(20)} - 2m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(10)} + m_{001}^{(11)}m_{200}^{(11)}m_{201}^{(22)}\\
&-2m_{001}^{(11)}m_{200}^{(11)}m_{102}^{(20)} + m_{001}^{(11)}m_{200}^{(11)}m_{003}^{(00)} - m_{001}^{(11)}m_{200}^{(21)}m_{210}^{(22)} + 2m_{001}^{(11)}m_{200}^{(21)}m_{111}^{(20)}\\
&-m_{001}^{(11)}m_{200}^{(21)}m_{012}^{(00)} - 2m_{001}^{(11)}m_{110}^{(10)}m_{201}^{(22)} + 4m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(20)} - 2m_{001}^{(11)}m_{110}^{(10)}m_{003}^{(00)}\\
&+m_{001}^{(11)}m_{110}^{(20)}m_{210}^{(22)} - 2m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(20)} + m_{001}^{(11)}m_{110}^{(20)}m_{012}^{(00)} + m_{001}^{(11)}m_{110}^{(21)}m_{300}^{(22)}\\
&-2m_{001}^{(11)}m_{110}^{(21)}m_{201}^{(20)} + m_{001}^{(11)}m_{110}^{(21)}m_{102}^{(00)} + m_{001}^{(11)}m_{101}^{(10)}m_{210}^{(22)} - 2m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(20)}\\
&+m_{001}^{(11)}m_{101}^{(10)}m_{012}^{(00)} - m_{001}^{(11)}m_{101}^{(11)}m_{300}^{(22)} + 2m_{001}^{(11)}m_{101}^{(11)}m_{201}^{(20)} - m_{001}^{(11)}m_{101}^{(11)}m_{102}^{(00)}\\
&+m_{001}^{(11)}m_{020}^{(00)}m_{201}^{(22)} - 2m_{001}^{(11)}m_{020}^{(00)}m_{102}^{(20)} + m_{001}^{(11)}m_{020}^{(00)}m_{003}^{(00)} - m_{001}^{(11)}m_{020}^{(20)}m_{300}^{(22)}\\
&+2m_{001}^{(11)}m_{020}^{(20)}m_{201}^{(20)} - m_{001}^{(11)}m_{020}^{(20)}m_{102}^{(00)} - m_{001}^{(11)}m_{011}^{(00)}m_{210}^{(22)} + 2m_{001}^{(11)}m_{011}^{(00)}m_{111}^{(20)}\\
&-m_{001}^{(11)}m_{011}^{(00)}m_{012}^{(00)} + m_{001}^{(11)}m_{011}^{(10)}m_{300}^{(22)} - 2m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(20)} + m_{001}^{(11)}m_{011}^{(10)}m_{102}^{(00)}\\
&+2m_{001}^{(20)}m_{200}^{(11)}m_{111}^{(21)} - 2m_{001}^{(20)}m_{200}^{(11)}m_{102}^{(11)} - 2m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(20)} + 2m_{001}^{(20)}m_{200}^{(11)}m_{012}^{(10)}\\
&-2m_{001}^{(20)}m_{200}^{(21)}m_{120}^{(21)} + 2m_{001}^{(20)}m_{200}^{(21)}m_{111}^{(11)} + 2m_{001}^{(20)}m_{200}^{(21)}m_{030}^{(20)} - 2m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(10)}\\
&-4m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(21)} + 4m_{001}^{(20)}m_{110}^{(10)}m_{102}^{(11)} + 4m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(20)} - 4m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(10)}\\
&+2m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(21)} - 2m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(11)} - 2m_{001}^{(20)}m_{110}^{(20)}m_{030}^{(20)} + 2m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(10)}\\
&+2m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(21)} - 2m_{001}^{(20)}m_{110}^{(21)}m_{201}^{(11)} - 2m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(20)} + 2m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(10)}\\
&+2m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(21)} - 2m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(11)} - 2m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(20)} + 2m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(10)}\\
&-2m_{001}^{(20)}m_{101}^{(11)}m_{210}^{(21)} + 2m_{001}^{(20)}m_{101}^{(11)}m_{201}^{(11)} + 2m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(20)} - 2m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(10)}\\
&+2m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(21)} - 2m_{001}^{(20)}m_{020}^{(00)}m_{102}^{(11)} - 2m_{001}^{(20)}m_{020}^{(00)}m_{021}^{(20)} + 2m_{001}^{(20)}m_{020}^{(00)}m_{012}^{(10)}\\
&-2m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(21)} + 2m_{001}^{(20)}m_{020}^{(20)}m_{201}^{(11)} + 2m_{001}^{(20)}m_{020}^{(20)}m_{120}^{(20)} - 2m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(10)}\\
&-2m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(21)} + 2m_{001}^{(20)}m_{011}^{(00)}m_{111}^{(11)} + 2m_{001}^{(20)}m_{011}^{(00)}m_{030}^{(20)} - 2m_{001}^{(20)}m_{011}^{(00)}m_{021}^{(10)}\\
&+2m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(21)} - 2m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(11)} - 2m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(20)} + 2m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(10)}\\
&-2m_{001}^{(21)}m_{200}^{(11)}m_{201}^{(21)} + 2m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(20)} + 2m_{001}^{(21)}m_{200}^{(11)}m_{102}^{(10)} - 2m_{001}^{(21)}m_{200}^{(11)}m_{012}^{(00)}\\
&+2m_{001}^{(21)}m_{200}^{(21)}m_{210}^{(21)} - 2m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(20)} - 2m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(10)} + 2m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(00)}\\
&+4m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(21)} - 4m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(20)} - 4m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(10)} + 4m_{001}^{(21)}m_{110}^{(10)}m_{012}^{(00)}\\
&-2m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(21)} + 2m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(20)} + 2m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(10)} - 2m_{001}^{(21)}m_{110}^{(20)}m_{021}^{(00)}\\
&-2m_{001}^{(21)}m_{110}^{(21)}m_{300}^{(21)} + 2m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(20)} + 2m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(10)} - 2m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(00)}\\
&-2m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(21)} + 2m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(20)} + 2m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(10)} - 2m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(00)}\\
&+2m_{001}^{(21)}m_{101}^{(11)}m_{300}^{(21)} - 2m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(20)} - 2m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(10)} + 2m_{001}^{(21)}m_{101}^{(11)}m_{111}^{(00)}\\
&-2m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(21)} + 2m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(20)} + 2m_{001}^{(21)}m_{020}^{(00)}m_{102}^{(10)} - 2m_{001}^{(21)}m_{020}^{(00)}m_{012}^{(00)}\\
&+2m_{001}^{(21)}m_{020}^{(20)}m_{300}^{(21)} - 2m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(20)} - 2m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(10)} + 2m_{001}^{(21)}m_{020}^{(20)}m_{111}^{(00)}\\
&+2m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(21)} - 2m_{001}^{(21)}m_{011}^{(00)}m_{120}^{(20)} - 2m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(10)} + 2m_{001}^{(21)}m_{011}^{(00)}m_{021}^{(00)}\\
&-2m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(21)} + 2m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(20)} + 2m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(10)} - 2m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(00)}\\
&+m_{001}^{(22)}m_{200}^{(11)}m_{201}^{(11)} - 2m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(10)} + m_{001}^{(22)}m_{200}^{(11)}m_{021}^{(00)} - m_{001}^{(22)}m_{200}^{(21)}m_{210}^{(11)}\\
&+2m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(10)} - m_{001}^{(22)}m_{200}^{(21)}m_{030}^{(00)} - 2m_{001}^{(22)}m_{110}^{(10)}m_{201}^{(11)} + 4m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(10)}\\
&-2m_{001}^{(22)}m_{110}^{(10)}m_{021}^{(00)} + m_{001}^{(22)}m_{110}^{(20)}m_{210}^{(11)} - 2m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(10)} + m_{001}^{(22)}m_{110}^{(20)}m_{030}^{(00)}
\end{aligned}
$$

$$
\begin{aligned}
&+m_{001}^{(22)}m_{110}^{(21)}m_{300}^{(11)} - 2m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(10)} + m_{001}^{(22)}m_{110}^{(21)}m_{120}^{(00)} + m_{001}^{(22)}m_{101}^{(10)}m_{210}^{(11)}\\
&-2m_{001}^{(22)}m_{101}^{(10)}m_{120}^{(10)} + m_{001}^{(22)}m_{101}^{(10)}m_{030}^{(00)} - m_{001}^{(22)}m_{101}^{(11)}m_{300}^{(11)} + 2m_{001}^{(22)}m_{101}^{(11)}m_{210}^{(10)}\\
&-m_{001}^{(22)}m_{101}^{(11)}m_{120}^{(00)} + m_{001}^{(22)}m_{020}^{(00)}m_{201}^{(11)} - 2m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(10)} + m_{001}^{(22)}m_{020}^{(00)}m_{021}^{(00)}\\
&-m_{001}^{(22)}m_{020}^{(20)}m_{300}^{(11)} + 2m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(10)} - m_{001}^{(22)}m_{020}^{(20)}m_{120}^{(00)} - m_{001}^{(22)}m_{011}^{(00)}m_{210}^{(11)}\\
&+2m_{001}^{(22)}m_{011}^{(00)}m_{120}^{(10)} - m_{001}^{(22)}m_{011}^{(00)}m_{030}^{(00)} + m_{001}^{(22)}m_{011}^{(10)}m_{300}^{(11)} - 2m_{001}^{(22)}m_{011}^{(10)}m_{210}^{(10)}\\
&+m_{001}^{(22)}m_{011}^{(10)}m_{120}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & V1 & 1 & 2\\
1 & 1 & V3 & V3\\
V2 & V2 & 3 & 3
\end{array}
$$



$$
\begin{aligned}
T_{70} \;=\;& m_{100}^{(00)}m_{110}^{(21)}m_{021}^{(22)} - 2m_{100}^{(00)}m_{110}^{(21)}m_{012}^{(21)} + m_{100}^{(00)}m_{110}^{(21)}m_{003}^{(11)} - m_{100}^{(00)}m_{110}^{(22)}m_{030}^{(22)}\\
&+2m_{100}^{(00)}m_{110}^{(22)}m_{021}^{(21)} - m_{100}^{(00)}m_{110}^{(22)}m_{012}^{(11)} - m_{100}^{(00)}m_{101}^{(11)}m_{021}^{(22)} + 2m_{100}^{(00)}m_{101}^{(11)}m_{012}^{(21)}\\
&-m_{100}^{(00)}m_{101}^{(11)}m_{003}^{(11)} + m_{100}^{(00)}m_{101}^{(21)}m_{030}^{(22)} - 2m_{100}^{(00)}m_{101}^{(21)}m_{021}^{(21)} + m_{100}^{(00)}m_{101}^{(21)}m_{012}^{(11)}\\
&-m_{100}^{(00)}m_{020}^{(20)}m_{021}^{(22)} + 2m_{100}^{(00)}m_{020}^{(20)}m_{012}^{(21)} - m_{100}^{(00)}m_{020}^{(20)}m_{003}^{(11)} + m_{100}^{(00)}m_{020}^{(22)}m_{120}^{(22)}\\
&-2m_{100}^{(00)}m_{020}^{(22)}m_{111}^{(21)} + m_{100}^{(00)}m_{020}^{(22)}m_{102}^{(11)} + m_{100}^{(00)}m_{011}^{(10)}m_{021}^{(22)} - 2m_{100}^{(00)}m_{011}^{(10)}m_{012}^{(21)}\\
&+m_{100}^{(00)}m_{011}^{(10)}m_{003}^{(11)} + m_{100}^{(00)}m_{011}^{(20)}m_{030}^{(22)} - 2m_{100}^{(00)}m_{011}^{(20)}m_{021}^{(21)} + m_{100}^{(00)}m_{011}^{(20)}m_{012}^{(11)}\\
&-2m_{100}^{(00)}m_{011}^{(21)}m_{120}^{(22)} + 4m_{100}^{(00)}m_{011}^{(21)}m_{111}^{(21)} - 2m_{100}^{(00)}m_{011}^{(21)}m_{102}^{(11)} - m_{100}^{(00)}m_{002}^{(10)}m_{030}^{(22)}\\
&+2m_{100}^{(00)}m_{002}^{(10)}m_{021}^{(21)} - m_{100}^{(00)}m_{002}^{(10)}m_{012}^{(11)} + m_{100}^{(00)}m_{002}^{(11)}m_{120}^{(22)} - 2m_{100}^{(00)}m_{002}^{(11)}m_{111}^{(21)}\\
&+m_{100}^{(00)}m_{002}^{(11)}m_{102}^{(11)} - m_{100}^{(10)}m_{200}^{(21)}m_{021}^{(22)} + 2m_{100}^{(10)}m_{200}^{(21)}m_{012}^{(21)} - m_{100}^{(10)}m_{200}^{(21)}m_{003}^{(11)}\\
&+m_{100}^{(10)}m_{200}^{(22)}m_{030}^{(22)} - 2m_{100}^{(10)}m_{200}^{(22)}m_{021}^{(21)} + m_{100}^{(10)}m_{200}^{(22)}m_{012}^{(11)} + m_{100}^{(10)}m_{110}^{(20)}m_{021}^{(22)}\\
&-2m_{100}^{(10)}m_{110}^{(20)}m_{012}^{(21)} + m_{100}^{(10)}m_{110}^{(20)}m_{003}^{(11)} - m_{100}^{(10)}m_{110}^{(21)}m_{111}^{(22)} + m_{100}^{(10)}m_{110}^{(21)}m_{102}^{(21)}\\
&+m_{100}^{(10)}m_{110}^{(21)}m_{012}^{(20)} - m_{100}^{(10)}m_{110}^{(21)}m_{003}^{(10)} + m_{100}^{(10)}m_{110}^{(22)}m_{111}^{(21)} - m_{100}^{(10)}m_{110}^{(22)}m_{102}^{(11)}\\
&-m_{100}^{(10)}m_{110}^{(22)}m_{021}^{(20)} + m_{100}^{(10)}m_{110}^{(22)}m_{012}^{(10)} + m_{100}^{(10)}m_{101}^{(10)}m_{021}^{(22)} - 2m_{100}^{(10)}m_{101}^{(10)}m_{012}^{(21)}\\
&+m_{100}^{(10)}m_{101}^{(10)}m_{003}^{(11)} + m_{100}^{(10)}m_{101}^{(11)}m_{111}^{(22)} - m_{100}^{(10)}m_{101}^{(11)}m_{102}^{(21)} - m_{100}^{(10)}m_{101}^{(11)}m_{012}^{(20)}\\
&+m_{100}^{(10)}m_{101}^{(11)}m_{003}^{(10)} - 2m_{100}^{(10)}m_{101}^{(20)}m_{030}^{(22)} + 4m_{100}^{(10)}m_{101}^{(20)}m_{021}^{(21)} - 2m_{100}^{(10)}m_{101}^{(20)}m_{012}^{(11)}\\
&-m_{100}^{(10)}m_{101}^{(21)}m_{111}^{(21)} + m_{100}^{(10)}m_{101}^{(21)}m_{102}^{(11)} + m_{100}^{(10)}m_{101}^{(21)}m_{021}^{(20)} - m_{100}^{(10)}m_{101}^{(21)}m_{012}^{(10)}\\
&+m_{100}^{(10)}m_{020}^{(20)}m_{111}^{(22)} - m_{100}^{(10)}m_{020}^{(20)}m_{102}^{(21)} - m_{100}^{(10)}m_{020}^{(20)}m_{012}^{(20)} + m_{100}^{(10)}m_{020}^{(20)}m_{003}^{(10)}
\end{aligned}
$$

$$
\begin{aligned}
&-m_{100}^{(10)}m_{020}^{(22)}m_{210}^{(22)}+m_{100}^{(10)}m_{020}^{(22)}m_{201}^{(21)}+m_{100}^{(10)}m_{020}^{(22)}m_{111}^{(20)}-m_{100}^{(10)}m_{020}^{(22)}m_{102}^{(10)}\\
&-m_{100}^{(10)}m_{011}^{(00)}m_{021}^{(22)}+2m_{100}^{(10)}m_{011}^{(00)}m_{012}^{(21)}-m_{100}^{(10)}m_{011}^{(00)}m_{003}^{(11)}-m_{100}^{(10)}m_{011}^{(10)}m_{111}^{(22)}\\
&+m_{100}^{(10)}m_{011}^{(10)}m_{102}^{(21)}+m_{100}^{(10)}m_{011}^{(10)}m_{012}^{(20)}-m_{100}^{(10)}m_{011}^{(10)}m_{003}^{(10)}-m_{100}^{(10)}m_{011}^{(20)}m_{111}^{(21)}\\
&+m_{100}^{(10)}m_{011}^{(20)}m_{102}^{(11)}+m_{100}^{(10)}m_{011}^{(20)}m_{021}^{(20)}-m_{100}^{(10)}m_{011}^{(20)}m_{012}^{(10)}+2m_{100}^{(10)}m_{011}^{(21)}m_{210}^{(22)}\\
&-2m_{100}^{(10)}m_{011}^{(21)}m_{201}^{(21)}-2m_{100}^{(10)}m_{011}^{(21)}m_{111}^{(20)}+2m_{100}^{(10)}m_{011}^{(21)}m_{102}^{(10)}+m_{100}^{(10)}m_{002}^{(00)}m_{030}^{(22)}\\
&-2m_{100}^{(10)}m_{002}^{(00)}m_{021}^{(21)}+m_{100}^{(10)}m_{002}^{(00)}m_{012}^{(11)}+m_{100}^{(10)}m_{002}^{(10)}m_{111}^{(21)}-m_{100}^{(10)}m_{002}^{(10)}m_{102}^{(11)}\\
&-m_{100}^{(10)}m_{002}^{(10)}m_{021}^{(20)}+m_{100}^{(10)}m_{002}^{(10)}m_{012}^{(10)}-m_{100}^{(10)}m_{002}^{(11)}m_{210}^{(22)}+m_{100}^{(10)}m_{002}^{(11)}m_{201}^{(21)}\\
&+m_{100}^{(10)}m_{002}^{(11)}m_{111}^{(20)}-m_{100}^{(10)}m_{002}^{(11)}m_{102}^{(10)}+m_{100}^{(11)}m_{200}^{(21)}m_{111}^{(22)}-m_{100}^{(11)}m_{200}^{(21)}m_{102}^{(21)}\\
&-m_{100}^{(11)}m_{200}^{(21)}m_{012}^{(20)}+m_{100}^{(11)}m_{200}^{(21)}m_{003}^{(10)}-m_{100}^{(11)}m_{200}^{(22)}m_{120}^{(22)}+m_{100}^{(11)}m_{200}^{(22)}m_{111}^{(21)}\\
&+m_{100}^{(11)}m_{200}^{(22)}m_{021}^{(20)}-m_{100}^{(11)}m_{200}^{(22)}m_{012}^{(10)}-m_{100}^{(11)}m_{110}^{(20)}m_{111}^{(22)}+m_{100}^{(11)}m_{110}^{(20)}m_{102}^{(21)}\\
&+m_{100}^{(11)}m_{110}^{(20)}m_{012}^{(20)}-m_{100}^{(11)}m_{110}^{(20)}m_{003}^{(10)}+m_{100}^{(11)}m_{110}^{(22)}m_{210}^{(22)}-m_{100}^{(11)}m_{110}^{(22)}m_{201}^{(21)}\\
&-m_{100}^{(11)}m_{110}^{(22)}m_{111}^{(20)}+m_{100}^{(11)}m_{110}^{(22)}m_{102}^{(10)}-m_{100}^{(11)}m_{101}^{(10)}m_{111}^{(22)}+m_{100}^{(11)}m_{101}^{(10)}m_{102}^{(21)}\\
&+m_{100}^{(11)}m_{101}^{(10)}m_{012}^{(20)}-m_{100}^{(11)}m_{101}^{(10)}m_{003}^{(10)}+2m_{100}^{(11)}m_{101}^{(20)}m_{120}^{(22)}-2m_{100}^{(11)}m_{101}^{(20)}m_{111}^{(21)}\\
&-2m_{100}^{(11)}m_{101}^{(20)}m_{021}^{(20)}+2m_{100}^{(11)}m_{101}^{(20)}m_{012}^{(10)}-m_{100}^{(11)}m_{101}^{(21)}m_{210}^{(22)}+m_{100}^{(11)}m_{101}^{(21)}m_{201}^{(21)}\\
&+m_{100}^{(11)}m_{101}^{(21)}m_{111}^{(20)}-m_{100}^{(11)}m_{101}^{(21)}m_{102}^{(10)}+m_{100}^{(11)}m_{100}^{(00)}m_{111}^{(22)}-m_{100}^{(11)}m_{011}^{(00)}m_{102}^{(21)}\\
&-m_{100}^{(11)}m_{011}^{(00)}m_{012}^{(20)}+m_{100}^{(11)}m_{011}^{(00)}m_{003}^{(10)}-m_{100}^{(11)}m_{011}^{(20)}m_{210}^{(22)}+m_{100}^{(11)}m_{011}^{(20)}m_{201}^{(21)}\\
&+m_{100}^{(11)}m_{011}^{(20)}m_{111}^{(20)}-m_{100}^{(11)}m_{011}^{(20)}m_{102}^{(10)}-m_{100}^{(11)}m_{002}^{(00)}m_{120}^{(22)}+m_{100}^{(11)}m_{002}^{(00)}m_{111}^{(21)}\\
&+m_{100}^{(11)}m_{002}^{(00)}m_{021}^{(20)}-m_{100}^{(11)}m_{002}^{(00)}m_{012}^{(10)}+m_{100}^{(11)}m_{002}^{(10)}m_{210}^{(22)}-m_{100}^{(11)}m_{002}^{(10)}m_{201}^{(21)}\\
&-m_{100}^{(11)}m_{002}^{(10)}m_{111}^{(20)}+m_{100}^{(11)}m_{002}^{(10)}m_{102}^{(10)}+m_{100}^{(20)}m_{200}^{(11)}m_{021}^{(22)}-2m_{100}^{(20)}m_{200}^{(11)}m_{012}^{(21)}\\
&+m_{100}^{(20)}m_{200}^{(11)}m_{003}^{(11)}-m_{100}^{(20)}m_{200}^{(21)}m_{030}^{(22)}+2m_{100}^{(20)}m_{200}^{(21)}m_{021}^{(21)}-m_{100}^{(20)}m_{200}^{(21)}m_{012}^{(11)}\\
&-2m_{100}^{(20)}m_{110}^{(10)}m_{021}^{(22)}+4m_{100}^{(20)}m_{110}^{(10)}m_{012}^{(21)}-2m_{100}^{(20)}m_{110}^{(10)}m_{003}^{(11)}+m_{100}^{(20)}m_{110}^{(20)}m_{030}^{(22)}\\
&-2m_{100}^{(20)}m_{110}^{(20)}m_{021}^{(21)}+m_{100}^{(20)}m_{110}^{(20)}m_{012}^{(11)}+m_{100}^{(20)}m_{110}^{(21)}m_{120}^{(22)}-m_{100}^{(20)}m_{110}^{(21)}m_{111}^{(21)}\\
&-m_{100}^{(20)}m_{110}^{(21)}m_{021}^{(20)}+m_{100}^{(20)}m_{110}^{(21)}m_{012}^{(10)}-m_{100}^{(20)}m_{110}^{(22)}m_{120}^{(21)}+m_{100}^{(20)}m_{110}^{(22)}m_{111}^{(11)}\\
&+m_{100}^{(20)}m_{110}^{(22)}m_{030}^{(20)}-m_{100}^{(20)}m_{110}^{(22)}m_{021}^{(10)}+m_{100}^{(20)}m_{101}^{(10)}m_{030}^{(22)}-2m_{100}^{(20)}m_{101}^{(10)}m_{021}^{(21)}\\
&+m_{100}^{(20)}m_{101}^{(10)}m_{012}^{(11)}-m_{100}^{(20)}m_{101}^{(11)}m_{120}^{(22)}+m_{100}^{(20)}m_{101}^{(11)}m_{111}^{(21)}+m_{100}^{(20)}m_{101}^{(11)}m_{021}^{(20)}\\
&-m_{100}^{(20)}m_{101}^{(11)}m_{012}^{(10)}+m_{100}^{(20)}m_{101}^{(21)}m_{120}^{(21)}-m_{100}^{(20)}m_{101}^{(21)}m_{111}^{(11)}-m_{100}^{(20)}m_{101}^{(21)}m_{030}^{(20)}\\
&+m_{100}^{(20)}m_{101}^{(21)}m_{021}^{(10)}+m_{100}^{(20)}m_{020}^{(00)}m_{021}^{(22)}-2m_{100}^{(20)}m_{020}^{(00)}m_{012}^{(21)}+m_{100}^{(20)}m_{020}^{(00)}m_{003}^{(11)}\\
&-m_{100}^{(20)}m_{020}^{(20)}m_{120}^{(22)}+m_{100}^{(20)}m_{020}^{(20)}m_{111}^{(21)}+m_{100}^{(20)}m_{020}^{(20)}m_{021}^{(20)}-m_{100}^{(20)}m_{020}^{(20)}m_{012}^{(10)}\\
&+m_{100}^{(20)}m_{020}^{(22)}m_{210}^{(21)}-m_{100}^{(20)}m_{020}^{(22)}m_{201}^{(11)}-m_{100}^{(20)}m_{020}^{(22)}m_{120}^{(20)}+m_{100}^{(20)}m_{020}^{(22)}m_{111}^{(10)}\\
&-m_{100}^{(20)}m_{011}^{(00)}m_{030}^{(22)}+2m_{100}^{(20)}m_{011}^{(00)}m_{021}^{(21)}-m_{100}^{(20)}m_{011}^{(00)}m_{012}^{(11)}+m_{100}^{(20)}m_{011}^{(10)}m_{120}^{(22)}\\
&-m_{100}^{(20)}m_{011}^{(10)}m_{111}^{(21)}-m_{100}^{(20)}m_{011}^{(10)}m_{021}^{(20)}+m_{100}^{(20)}m_{011}^{(10)}m_{012}^{(10)}+m_{100}^{(20)}m_{011}^{(20)}m_{120}^{(21)}\\
&-m_{100}^{(20)}m_{011}^{(20)}m_{111}^{(11)}-m_{100}^{(20)}m_{011}^{(20)}m_{030}^{(20)}+m_{100}^{(20)}m_{011}^{(20)}m_{021}^{(10)}-2m_{100}^{(20)}m_{011}^{(21)}m_{210}^{(21)}\\
&+2m_{100}^{(20)}m_{011}^{(21)}m_{201}^{(11)}+2m_{100}^{(20)}m_{011}^{(21)}m_{120}^{(20)}-2m_{100}^{(20)}m_{011}^{(21)}m_{111}^{(10)}-m_{100}^{(20)}m_{002}^{(10)}m_{120}^{(21)}\\
&+m_{100}^{(20)}m_{002}^{(10)}m_{111}^{(11)}+m_{100}^{(20)}m_{002}^{(10)}m_{030}^{(20)}-m_{100}^{(20)}m_{002}^{(10)}m_{021}^{(10)}+m_{100}^{(20)}m_{002}^{(11)}m_{210}^{(21)}\\
&-m_{100}^{(20)}m_{002}^{(11)}m_{201}^{(11)}-m_{100}^{(20)}m_{002}^{(11)}m_{120}^{(20)}+m_{100}^{(20)}m_{002}^{(11)}m_{111}^{(10)}-m_{100}^{(21)}m_{200}^{(11)}m_{111}^{(22)}\\
&+m_{100}^{(21)}m_{200}^{(11)}m_{102}^{(21)}+m_{100}^{(21)}m_{200}^{(11)}m_{012}^{(20)}-m_{100}^{(21)}m_{200}^{(11)}m_{003}^{(10)}+m_{100}^{(21)}m_{200}^{(21)}m_{120}^{(22)}\\
&-2m_{100}^{(21)}m_{200}^{(21)}m_{111}^{(21)}+m_{100}^{(21)}m_{200}^{(21)}m_{102}^{(11)}+m_{100}^{(21)}m_{200}^{(22)}m_{120}^{(21)}-m_{100}^{(21)}m_{200}^{(22)}m_{111}^{(11)}\\
&-m_{100}^{(21)}m_{200}^{(22)}m_{030}^{(20)}+m_{100}^{(21)}m_{200}^{(22)}m_{021}^{(10)}+2m_{100}^{(21)}m_{110}^{(10)}m_{111}^{(22)}-2m_{100}^{(21)}m_{110}^{(10)}m_{102}^{(21)}
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\begin{aligned}
&-2m_{100}^{(21)}m_{110}^{(10)}m_{012}^{(20)}+2m_{100}^{(21)}m_{110}^{(10)}m_{003}^{(10)}-m_{100}^{(21)}m_{110}^{(20)}m_{120}^{(22)}+2m_{100}^{(21)}m_{110}^{(20)}m_{111}^{(21)}\\
&-m_{100}^{(21)}m_{110}^{(20)}m_{102}^{(11)}-m_{100}^{(21)}m_{110}^{(21)}m_{210}^{(22)}+m_{100}^{(21)}m_{110}^{(21)}m_{201}^{(21)}+m_{100}^{(21)}m_{110}^{(21)}m_{111}^{(20)}\\
&-m_{100}^{(21)}m_{110}^{(21)}m_{102}^{(10)}-m_{100}^{(21)}m_{110}^{(22)}m_{210}^{(21)}+m_{100}^{(21)}m_{110}^{(22)}m_{201}^{(11)}+m_{100}^{(21)}m_{110}^{(22)}m_{120}^{(20)}\\
&-m_{100}^{(21)}m_{110}^{(22)}m_{111}^{(10)}-m_{100}^{(21)}m_{101}^{(10)}m_{120}^{(22)}+2m_{100}^{(21)}m_{101}^{(10)}m_{111}^{(21)}-m_{100}^{(21)}m_{101}^{(10)}m_{102}^{(11)}\\
&+m_{100}^{(21)}m_{101}^{(11)}m_{210}^{(22)}-m_{100}^{(21)}m_{101}^{(11)}m_{201}^{(21)}-m_{100}^{(21)}m_{101}^{(11)}m_{111}^{(20)}+m_{100}^{(21)}m_{101}^{(11)}m_{102}^{(10)}\\
&-2m_{100}^{(21)}m_{101}^{(20)}m_{120}^{(21)}+2m_{100}^{(21)}m_{101}^{(20)}m_{111}^{(11)}+2m_{100}^{(21)}m_{101}^{(20)}m_{030}^{(20)}-2m_{100}^{(21)}m_{101}^{(20)}m_{021}^{(10)}\\
&+m_{100}^{(21)}m_{101}^{(21)}m_{210}^{(21)}-m_{100}^{(21)}m_{101}^{(21)}m_{201}^{(11)}-m_{100}^{(21)}m_{101}^{(21)}m_{120}^{(20)}+m_{100}^{(21)}m_{101}^{(21)}m_{111}^{(10)}\\
&-m_{100}^{(21)}m_{020}^{(00)}m_{111}^{(22)}+m_{100}^{(21)}m_{020}^{(00)}m_{102}^{(21)}+m_{100}^{(21)}m_{020}^{(00)}m_{012}^{(20)}-m_{100}^{(21)}m_{020}^{(00)}m_{003}^{(10)}\\
&+m_{100}^{(21)}m_{020}^{(20)}m_{210}^{(22)}-m_{100}^{(21)}m_{020}^{(20)}m_{201}^{(21)}-m_{100}^{(21)}m_{020}^{(20)}m_{111}^{(20)}+m_{100}^{(21)}m_{020}^{(20)}m_{102}^{(10)}\\
&+m_{100}^{(21)}m_{011}^{(00)}m_{120}^{(22)}-2m_{100}^{(21)}m_{011}^{(00)}m_{111}^{(21)}+m_{100}^{(21)}m_{011}^{(00)}m_{102}^{(11)}-m_{100}^{(21)}m_{011}^{(10)}m_{210}^{(22)}\\
&+m_{100}^{(21)}m_{011}^{(10)}m_{201}^{(21)}+m_{100}^{(21)}m_{011}^{(10)}m_{111}^{(20)}-m_{100}^{(21)}m_{011}^{(10)}m_{102}^{(10)}+m_{100}^{(21)}m_{011}^{(20)}m_{210}^{(21)}\\
&-m_{100}^{(21)}m_{011}^{(20)}m_{201}^{(11)}-m_{100}^{(21)}m_{011}^{(20)}m_{120}^{(20)}+m_{100}^{(21)}m_{011}^{(20)}m_{111}^{(10)}+m_{100}^{(21)}m_{002}^{(00)}m_{120}^{(21)}\\
&-m_{100}^{(21)}m_{002}^{(00)}m_{111}^{(11)}-m_{100}^{(21)}m_{002}^{(00)}m_{030}^{(20)}+m_{100}^{(21)}m_{002}^{(00)}m_{021}^{(10)}-m_{100}^{(21)}m_{002}^{(10)}m_{210}^{(21)}\\
&+m_{100}^{(21)}m_{002}^{(10)}m_{201}^{(11)}+m_{100}^{(21)}m_{002}^{(10)}m_{120}^{(20)}-m_{100}^{(21)}m_{002}^{(10)}m_{111}^{(10)}+m_{100}^{(22)}m_{200}^{(11)}m_{111}^{(21)}\\
&-m_{100}^{(22)}m_{200}^{(11)}m_{102}^{(11)}-m_{100}^{(22)}m_{200}^{(11)}m_{021}^{(20)}+m_{100}^{(22)}m_{200}^{(11)}m_{012}^{(10)}-m_{100}^{(22)}m_{200}^{(21)}m_{120}^{(21)}\\
&+m_{100}^{(22)}m_{200}^{(21)}m_{111}^{(11)}+m_{100}^{(22)}m_{200}^{(21)}m_{030}^{(20)}-m_{100}^{(22)}m_{200}^{(21)}m_{021}^{(10)}-2m_{100}^{(22)}m_{200}^{(10)}m_{111}^{(21)}\\
&+2m_{100}^{(22)}m_{110}^{(10)}m_{102}^{(11)}+2m_{100}^{(22)}m_{110}^{(10)}m_{021}^{(20)}-2m_{100}^{(22)}m_{110}^{(10)}m_{012}^{(10)}+m_{100}^{(22)}m_{110}^{(20)}m_{120}^{(21)}\\
&-m_{100}^{(22)}m_{110}^{(20)}m_{111}^{(11)}-m_{100}^{(22)}m_{110}^{(20)}m_{030}^{(20)}+m_{100}^{(22)}m_{110}^{(20)}m_{021}^{(10)}+m_{100}^{(22)}m_{110}^{(21)}m_{210}^{(21)}\\
&-m_{100}^{(22)}m_{110}^{(21)}m_{201}^{(11)}-m_{100}^{(22)}m_{110}^{(21)}m_{120}^{(20)}+m_{100}^{(22)}m_{110}^{(21)}m_{111}^{(10)}+m_{100}^{(22)}m_{101}^{(10)}m_{120}^{(21)}\\
&-m_{100}^{(22)}m_{101}^{(10)}m_{111}^{(11)}-m_{100}^{(22)}m_{101}^{(10)}m_{030}^{(20)}+m_{100}^{(22)}m_{101}^{(10)}m_{021}^{(10)}-m_{100}^{(22)}m_{101}^{(11)}m_{210}^{(21)}\\
&+m_{100}^{(22)}m_{101}^{(11)}m_{201}^{(11)}+m_{100}^{(22)}m_{101}^{(11)}m_{120}^{(20)}-m_{100}^{(22)}m_{101}^{(11)}m_{111}^{(10)}+m_{100}^{(22)}m_{020}^{(00)}m_{111}^{(21)}\\
&-m_{100}^{(22)}m_{020}^{(00)}m_{102}^{(11)}-m_{100}^{(22)}m_{020}^{(00)}m_{021}^{(20)}+m_{100}^{(22)}m_{020}^{(00)}m_{012}^{(10)}-m_{100}^{(22)}m_{020}^{(20)}m_{210}^{(21)}\\
&+m_{100}^{(22)}m_{020}^{(20)}m_{201}^{(11)}+m_{100}^{(22)}m_{020}^{(20)}m_{120}^{(20)}-m_{100}^{(22)}m_{020}^{(20)}m_{111}^{(10)}-m_{100}^{(22)}m_{011}^{(00)}m_{120}^{(21)}\\
&+m_{100}^{(22)}m_{011}^{(00)}m_{111}^{(11)}+m_{100}^{(22)}m_{011}^{(00)}m_{030}^{(20)}-m_{100}^{(22)}m_{011}^{(00)}m_{021}^{(10)}+m_{100}^{(22)}m_{011}^{(10)}m_{210}^{(21)}\\
&-m_{100}^{(22)}m_{011}^{(10)}m_{201}^{(11)}-m_{100}^{(22)}m_{011}^{(10)}m_{120}^{(20)}+m_{100}^{(22)}m_{011}^{(10)}m_{111}^{(10)}-m_{010}^{(00)}m_{110}^{(21)}m_{111}^{(22)}\\
&+m_{010}^{(00)}m_{110}^{(21)}m_{102}^{(21)}+m_{010}^{(00)}m_{110}^{(21)}m_{012}^{(20)}-m_{010}^{(00)}m_{110}^{(21)}m_{003}^{(10)}+m_{010}^{(00)}m_{110}^{(22)}m_{120}^{(22)}\\
&-m_{010}^{(00)}m_{110}^{(22)}m_{111}^{(21)}-m_{010}^{(00)}m_{110}^{(22)}m_{021}^{(20)}+m_{010}^{(00)}m_{110}^{(22)}m_{012}^{(10)}+m_{010}^{(00)}m_{101}^{(11)}m_{111}^{(22)}\\
&-m_{010}^{(00)}m_{101}^{(11)}m_{102}^{(21)}-m_{010}^{(00)}m_{101}^{(11)}m_{012}^{(20)}+m_{010}^{(00)}m_{101}^{(11)}m_{003}^{(10)}-m_{010}^{(00)}m_{101}^{(21)}m_{120}^{(22)}\\
&+m_{010}^{(00)}m_{101}^{(21)}m_{111}^{(21)}+m_{010}^{(00)}m_{101}^{(21)}m_{021}^{(20)}-m_{010}^{(00)}m_{101}^{(21)}m_{012}^{(10)}+m_{010}^{(00)}m_{020}^{(20)}m_{111}^{(22)}\\
&-m_{010}^{(00)}m_{020}^{(20)}m_{102}^{(21)}-m_{010}^{(00)}m_{020}^{(20)}m_{012}^{(20)}+m_{010}^{(00)}m_{020}^{(20)}m_{003}^{(10)}-m_{010}^{(00)}m_{020}^{(22)}m_{210}^{(22)}\\
&+m_{010}^{(00)}m_{020}^{(22)}m_{201}^{(21)}+m_{010}^{(00)}m_{020}^{(22)}m_{111}^{(20)}-m_{010}^{(00)}m_{020}^{(22)}m_{102}^{(10)}-m_{010}^{(00)}m_{011}^{(10)}m_{111}^{(22)}\\
&+m_{010}^{(00)}m_{011}^{(10)}m_{102}^{(21)}+m_{010}^{(00)}m_{011}^{(10)}m_{012}^{(20)}-m_{010}^{(00)}m_{011}^{(10)}m_{003}^{(10)}-m_{010}^{(00)}m_{011}^{(20)}m_{120}^{(22)}\\
&+m_{010}^{(00)}m_{011}^{(20)}m_{111}^{(21)}+m_{010}^{(00)}m_{011}^{(20)}m_{021}^{(20)}-m_{010}^{(00)}m_{011}^{(20)}m_{012}^{(10)}+2m_{010}^{(00)}m_{011}^{(21)}m_{210}^{(22)}\\
&-2m_{010}^{(00)}m_{011}^{(21)}m_{201}^{(21)}-2m_{010}^{(00)}m_{011}^{(21)}m_{111}^{(20)}+2m_{010}^{(00)}m_{011}^{(21)}m_{102}^{(10)}+m_{010}^{(00)}m_{002}^{(10)}m_{120}^{(22)}\\
&-m_{010}^{(00)}m_{002}^{(10)}m_{111}^{(21)}-m_{010}^{(00)}m_{002}^{(10)}m_{021}^{(20)}+m_{010}^{(00)}m_{002}^{(10)}m_{012}^{(10)}-m_{010}^{(00)}m_{002}^{(11)}m_{210}^{(22)}\\
&+m_{010}^{(00)}m_{002}^{(11)}m_{201}^{(21)}+m_{010}^{(00)}m_{002}^{(11)}m_{111}^{(20)}-m_{010}^{(00)}m_{002}^{(11)}m_{102}^{(10)}+m_{010}^{(10)}m_{200}^{(21)}m_{111}^{(22)}\\
&-m_{010}^{(10)}m_{200}^{(21)}m_{102}^{(21)}-m_{010}^{(10)}m_{200}^{(21)}m_{012}^{(20)}+m_{010}^{(10)}m_{200}^{(21)}m_{003}^{(10)}-m_{010}^{(10)}m_{200}^{(22)}m_{120}^{(22)}\\
&+m_{010}^{(10)}m_{200}^{(22)}m_{111}^{(21)}+m_{010}^{(10)}m_{200}^{(22)}m_{021}^{(20)}-m_{010}^{(10)}m_{200}^{(22)}m_{012}^{(10)}-m_{010}^{(10)}m_{110}^{(20)}m_{111}^{(22)}
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&+m_{010}^{(10)}m_{110}^{(20)}m_{102}^{(21)}+m_{010}^{(10)}m_{110}^{(20)}m_{012}^{(20)}-m_{010}^{(10)}m_{110}^{(20)}m_{003}^{(10)}+m_{010}^{(10)}m_{110}^{(21)}m_{201}^{(22)}\\
&-2m_{010}^{(10)}m_{110}^{(21)}m_{102}^{(20)}+m_{010}^{(10)}m_{110}^{(21)}m_{003}^{(00)}-m_{010}^{(10)}m_{110}^{(22)}m_{201}^{(21)}+m_{010}^{(10)}m_{110}^{(22)}m_{111}^{(20)}\\
&+m_{010}^{(10)}m_{110}^{(22)}m_{102}^{(10)}-m_{010}^{(10)}m_{110}^{(22)}m_{012}^{(00)}-m_{010}^{(10)}m_{101}^{(10)}m_{111}^{(22)}+m_{010}^{(10)}m_{101}^{(10)}m_{102}^{(21)}\\
&+m_{010}^{(10)}m_{101}^{(10)}m_{012}^{(20)}-m_{010}^{(10)}m_{101}^{(10)}m_{003}^{(10)}-m_{010}^{(10)}m_{101}^{(11)}m_{201}^{(22)}+2m_{010}^{(10)}m_{101}^{(11)}m_{102}^{(20)}\\
&-m_{010}^{(10)}m_{101}^{(11)}m_{003}^{(00)}+2m_{010}^{(10)}m_{101}^{(20)}m_{120}^{(22)}-2m_{010}^{(10)}m_{101}^{(20)}m_{111}^{(21)}-2m_{010}^{(10)}m_{101}^{(20)}m_{021}^{(20)}\\
&+2m_{010}^{(10)}m_{101}^{(20)}m_{012}^{(10)}+m_{010}^{(10)}m_{101}^{(21)}m_{201}^{(21)}-m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(20)}-m_{010}^{(10)}m_{101}^{(21)}m_{102}^{(10)}\\
&+m_{010}^{(10)}m_{101}^{(21)}m_{012}^{(00)}-m_{010}^{(10)}m_{020}^{(20)}m_{201}^{(22)}+2m_{010}^{(10)}m_{020}^{(20)}m_{102}^{(20)}-m_{010}^{(10)}m_{020}^{(20)}m_{003}^{(00)}\\
&+m_{010}^{(10)}m_{020}^{(22)}m_{300}^{(22)}-2m_{010}^{(10)}m_{020}^{(22)}m_{201}^{(20)}+m_{010}^{(10)}m_{020}^{(22)}m_{102}^{(00)}+m_{010}^{(10)}m_{011}^{(00)}m_{111}^{(22)}\\
&-m_{010}^{(10)}m_{011}^{(00)}m_{102}^{(21)}-m_{010}^{(10)}m_{011}^{(00)}m_{012}^{(20)}+m_{010}^{(10)}m_{011}^{(00)}m_{003}^{(10)}+m_{010}^{(10)}m_{011}^{(10)}m_{201}^{(22)}\\
&-2m_{010}^{(10)}m_{011}^{(10)}m_{102}^{(20)}+m_{010}^{(10)}m_{011}^{(10)}m_{003}^{(00)}+m_{010}^{(10)}m_{011}^{(20)}m_{201}^{(21)}-m_{010}^{(10)}m_{011}^{(20)}m_{111}^{(20)}\\
&-m_{010}^{(10)}m_{011}^{(20)}m_{102}^{(10)}+m_{010}^{(10)}m_{011}^{(20)}m_{012}^{(00)}-2m_{010}^{(10)}m_{011}^{(21)}m_{300}^{(22)}+4m_{010}^{(10)}m_{011}^{(21)}m_{201}^{(20)}\\
&-2m_{010}^{(10)}m_{011}^{(21)}m_{102}^{(00)}-m_{010}^{(10)}m_{002}^{(00)}m_{120}^{(22)}+m_{010}^{(10)}m_{002}^{(00)}m_{111}^{(21)}+m_{010}^{(10)}m_{002}^{(00)}m_{021}^{(20)}\\
&-m_{010}^{(10)}m_{002}^{(00)}m_{012}^{(10)}-m_{010}^{(10)}m_{002}^{(10)}m_{201}^{(21)}+m_{010}^{(10)}m_{002}^{(10)}m_{111}^{(20)}+m_{010}^{(10)}m_{002}^{(10)}m_{102}^{(10)}\\
&-m_{010}^{(10)}m_{002}^{(10)}m_{012}^{(00)}+m_{010}^{(10)}m_{002}^{(11)}m_{300}^{(22)}-2m_{010}^{(10)}m_{002}^{(11)}m_{201}^{(20)}+m_{010}^{(10)}m_{002}^{(11)}m_{102}^{(00)}\\
&-m_{010}^{(11)}m_{200}^{(21)}m_{201}^{(22)}+2m_{010}^{(11)}m_{200}^{(21)}m_{102}^{(20)}-m_{010}^{(11)}m_{200}^{(21)}m_{003}^{(00)}+m_{010}^{(11)}m_{200}^{(22)}m_{201}^{(22)}\\
&-2m_{010}^{(11)}m_{200}^{(22)}m_{111}^{(20)}+m_{010}^{(11)}m_{200}^{(22)}m_{012}^{(00)}+m_{010}^{(11)}m_{110}^{(20)}m_{201}^{(22)}-2m_{010}^{(11)}m_{110}^{(20)}m_{102}^{(20)}\\
&+m_{010}^{(11)}m_{110}^{(20)}m_{003}^{(00)}-m_{010}^{(11)}m_{110}^{(22)}m_{300}^{(22)}+2m_{010}^{(11)}m_{110}^{(22)}m_{201}^{(20)}-m_{010}^{(11)}m_{110}^{(22)}m_{102}^{(00)}\\
&+m_{010}^{(11)}m_{101}^{(10)}m_{201}^{(22)}-2m_{010}^{(11)}m_{101}^{(10)}m_{102}^{(20)}+m_{010}^{(11)}m_{101}^{(10)}m_{003}^{(00)}-2m_{010}^{(11)}m_{101}^{(20)}m_{210}^{(22)}\\
&+4m_{010}^{(11)}m_{101}^{(20)}m_{111}^{(20)}-2m_{010}^{(11)}m_{101}^{(20)}m_{012}^{(00)}+m_{010}^{(11)}m_{101}^{(21)}m_{300}^{(22)}-2m_{010}^{(11)}m_{101}^{(21)}m_{201}^{(20)}\\
&+m_{010}^{(11)}m_{101}^{(21)}m_{102}^{(00)}-m_{010}^{(11)}m_{011}^{(00)}m_{201}^{(22)}+2m_{010}^{(11)}m_{011}^{(00)}m_{102}^{(20)}-m_{010}^{(11)}m_{011}^{(00)}m_{003}^{(00)}\\
&+m_{010}^{(11)}m_{011}^{(20)}m_{300}^{(22)}-2m_{010}^{(11)}m_{011}^{(20)}m_{201}^{(20)}+m_{010}^{(11)}m_{011}^{(20)}m_{102}^{(00)}+m_{010}^{(11)}m_{002}^{(00)}m_{210}^{(22)}\\
&-2m_{010}^{(11)}m_{002}^{(00)}m_{111}^{(20)}+m_{010}^{(11)}m_{002}^{(00)}m_{012}^{(00)}-m_{010}^{(11)}m_{002}^{(10)}m_{300}^{(22)}+2m_{010}^{(11)}m_{002}^{(10)}m_{201}^{(20)}\\
&-m_{010}^{(11)}m_{002}^{(10)}m_{102}^{(00)}-m_{010}^{(20)}m_{200}^{(11)}m_{111}^{(22)}+m_{010}^{(20)}m_{200}^{(11)}m_{102}^{(21)}+m_{010}^{(20)}m_{200}^{(11)}m_{012}^{(20)}\\
&-m_{010}^{(20)}m_{200}^{(11)}m_{003}^{(10)}+m_{010}^{(20)}m_{200}^{(21)}m_{120}^{(22)}-m_{010}^{(20)}m_{200}^{(21)}m_{111}^{(21)}-m_{010}^{(20)}m_{200}^{(21)}m_{021}^{(20)}\\
&+m_{010}^{(20)}m_{200}^{(21)}m_{012}^{(10)}+2m_{010}^{(20)}m_{110}^{(10)}m_{111}^{(22)}-2m_{010}^{(20)}m_{110}^{(10)}m_{102}^{(21)}-2m_{010}^{(20)}m_{110}^{(10)}m_{012}^{(20)}\\
&+2m_{010}^{(20)}m_{110}^{(10)}m_{003}^{(10)}-m_{010}^{(20)}m_{110}^{(20)}m_{120}^{(22)}+m_{010}^{(20)}m_{110}^{(20)}m_{111}^{(21)}+m_{010}^{(20)}m_{110}^{(20)}m_{021}^{(20)}\\
&-m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(10)}-m_{010}^{(20)}m_{110}^{(21)}m_{210}^{(22)}+2m_{010}^{(20)}m_{110}^{(21)}m_{111}^{(20)}-m_{010}^{(20)}m_{110}^{(21)}m_{012}^{(00)}\\
&+m_{010}^{(20)}m_{110}^{(22)}m_{210}^{(21)}-m_{010}^{(20)}m_{110}^{(22)}m_{120}^{(20)}-m_{010}^{(20)}m_{110}^{(22)}m_{111}^{(10)}+m_{010}^{(20)}m_{110}^{(22)}m_{021}^{(00)}\\
&-m_{010}^{(20)}m_{101}^{(10)}m_{120}^{(22)}+m_{010}^{(20)}m_{101}^{(10)}m_{111}^{(21)}+m_{010}^{(20)}m_{101}^{(10)}m_{021}^{(20)}-m_{010}^{(20)}m_{101}^{(10)}m_{012}^{(10)}\\
&+m_{010}^{(20)}m_{101}^{(11)}m_{210}^{(22)}-2m_{010}^{(20)}m_{101}^{(11)}m_{111}^{(20)}+m_{010}^{(20)}m_{101}^{(11)}m_{012}^{(00)}-m_{010}^{(20)}m_{101}^{(21)}m_{210}^{(21)}\\
&+m_{010}^{(20)}m_{101}^{(21)}m_{120}^{(20)}+m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(10)}-m_{010}^{(20)}m_{101}^{(21)}m_{021}^{(00)}-m_{010}^{(20)}m_{020}^{(00)}m_{111}^{(22)}\\
&+m_{010}^{(20)}m_{020}^{(00)}m_{102}^{(21)}+m_{010}^{(20)}m_{020}^{(00)}m_{012}^{(20)}-m_{010}^{(20)}m_{020}^{(00)}m_{003}^{(10)}+m_{010}^{(20)}m_{020}^{(20)}m_{210}^{(22)}\\
&-2m_{010}^{(20)}m_{020}^{(20)}m_{111}^{(20)}+m_{010}^{(20)}m_{020}^{(20)}m_{012}^{(00)}-m_{010}^{(20)}m_{020}^{(22)}m_{300}^{(21)}+m_{010}^{(20)}m_{020}^{(22)}m_{210}^{(20)}\\
&+m_{010}^{(20)}m_{020}^{(22)}m_{201}^{(10)}-m_{010}^{(20)}m_{020}^{(22)}m_{111}^{(00)}+m_{010}^{(20)}m_{011}^{(00)}m_{120}^{(22)}-m_{010}^{(20)}m_{011}^{(00)}m_{111}^{(21)}\\
&-m_{010}^{(20)}m_{011}^{(00)}m_{021}^{(20)}+m_{010}^{(20)}m_{011}^{(00)}m_{012}^{(10)}-m_{010}^{(20)}m_{011}^{(10)}m_{210}^{(22)}+2m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(20)}\\
&-m_{010}^{(20)}m_{011}^{(10)}m_{012}^{(00)}-m_{010}^{(20)}m_{011}^{(20)}m_{210}^{(21)}+m_{010}^{(20)}m_{011}^{(20)}m_{120}^{(20)}+m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(10)}\\
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&+2m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(00)}+m_{010}^{(20)}m_{002}^{(10)}m_{210}^{(21)}-m_{010}^{(20)}m_{002}^{(10)}m_{120}^{(20)}-m_{010}^{(20)}m_{002}^{(10)}m_{111}^{(10)}
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&+m_{010}^{(20)}m_{002}^{(10)}m_{021}^{(00)} - m_{010}^{(20)}m_{002}^{(11)}m_{300}^{(21)} + m_{010}^{(20)}m_{002}^{(11)}m_{210}^{(20)} + m_{010}^{(20)}m_{002}^{(11)}m_{201}^{(10)}\\
&-m_{010}^{(20)}m_{002}^{(11)}m_{111}^{(00)} + m_{010}^{(21)}m_{200}^{(11)}m_{201}^{(22)} - 2m_{010}^{(21)}m_{200}^{(11)}m_{102}^{(20)} + m_{010}^{(21)}m_{200}^{(11)}m_{003}^{(00)}\\
&-m_{010}^{(21)}m_{200}^{(21)}m_{210}^{(22)} + m_{010}^{(21)}m_{200}^{(21)}m_{201}^{(21)} + m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(20)} - m_{010}^{(21)}m_{200}^{(21)}m_{102}^{(10)}\\
&-m_{010}^{(21)}m_{200}^{(22)}m_{210}^{(21)} + m_{010}^{(21)}m_{200}^{(22)}m_{120}^{(20)} + m_{010}^{(21)}m_{200}^{(22)}m_{111}^{(10)} - m_{010}^{(21)}m_{200}^{(22)}m_{021}^{(00)}\\
&-2m_{010}^{(21)}m_{110}^{(10)}m_{201}^{(22)} + 4m_{010}^{(21)}m_{110}^{(10)}m_{102}^{(20)} - 2m_{010}^{(21)}m_{110}^{(10)}m_{003}^{(00)} + m_{010}^{(21)}m_{110}^{(20)}m_{210}^{(22)}\\
&-m_{010}^{(21)}m_{110}^{(20)}m_{201}^{(21)} - m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(20)} + m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(10)} + m_{010}^{(21)}m_{110}^{(21)}m_{300}^{(22)}\\
&-2m_{010}^{(21)}m_{110}^{(21)}m_{201}^{(20)} + m_{010}^{(21)}m_{110}^{(21)}m_{102}^{(00)} + m_{010}^{(21)}m_{110}^{(22)}m_{300}^{(21)} - m_{010}^{(21)}m_{110}^{(22)}m_{210}^{(20)}\\
&-m_{010}^{(21)}m_{110}^{(22)}m_{201}^{(10)} + m_{010}^{(21)}m_{110}^{(22)}m_{111}^{(00)} + m_{010}^{(21)}m_{101}^{(10)}m_{210}^{(22)} - m_{010}^{(21)}m_{101}^{(10)}m_{201}^{(21)}\\
&-m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(20)} + m_{010}^{(21)}m_{101}^{(10)}m_{102}^{(10)} - m_{010}^{(21)}m_{101}^{(11)}m_{300}^{(22)} + 2m_{010}^{(21)}m_{101}^{(11)}m_{201}^{(20)}\\
&-m_{010}^{(21)}m_{101}^{(11)}m_{102}^{(00)} + 2m_{010}^{(21)}m_{101}^{(20)}m_{210}^{(21)} - 2m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(20)} - 2m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(10)}\\
&+2m_{010}^{(21)}m_{101}^{(20)}m_{021}^{(00)} - m_{010}^{(21)}m_{101}^{(21)}m_{300}^{(21)} + m_{010}^{(21)}m_{101}^{(21)}m_{210}^{(20)} + m_{010}^{(21)}m_{101}^{(21)}m_{201}^{(10)}\\
&-m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(00)} + m_{010}^{(21)}m_{020}^{(00)}m_{201}^{(22)} - 2m_{010}^{(21)}m_{020}^{(00)}m_{102}^{(20)} + m_{010}^{(21)}m_{020}^{(00)}m_{003}^{(00)}\\
&-m_{010}^{(21)}m_{020}^{(20)}m_{300}^{(22)} + 2m_{010}^{(21)}m_{020}^{(20)}m_{201}^{(20)} - m_{010}^{(21)}m_{020}^{(20)}m_{102}^{(00)} - m_{010}^{(21)}m_{011}^{(00)}m_{210}^{(22)}\\
&+m_{010}^{(21)}m_{011}^{(00)}m_{201}^{(21)} + m_{010}^{(21)}m_{011}^{(00)}m_{111}^{(20)} - m_{010}^{(21)}m_{011}^{(00)}m_{102}^{(10)} + m_{010}^{(21)}m_{011}^{(10)}m_{300}^{(22)}\\
&-2m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(20)} + m_{010}^{(21)}m_{011}^{(10)}m_{102}^{(00)} - m_{010}^{(21)}m_{011}^{(20)}m_{300}^{(21)} + m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(20)}\\
&+m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(10)} - m_{010}^{(21)}m_{011}^{(20)}m_{111}^{(00)} - m_{010}^{(21)}m_{002}^{(00)}m_{210}^{(21)} + m_{010}^{(21)}m_{002}^{(00)}m_{120}^{(20)}\\
&+m_{010}^{(21)}m_{002}^{(00)}m_{111}^{(10)} - m_{010}^{(21)}m_{002}^{(00)}m_{021}^{(00)} + m_{010}^{(21)}m_{002}^{(10)}m_{300}^{(21)} - m_{010}^{(21)}m_{002}^{(10)}m_{210}^{(20)}\\
&-m_{010}^{(21)}m_{002}^{(10)}m_{201}^{(10)} + m_{010}^{(21)}m_{002}^{(10)}m_{111}^{(00)} - m_{010}^{(22)}m_{200}^{(11)}m_{201}^{(21)} + m_{010}^{(22)}m_{200}^{(11)}m_{111}^{(20)}\\
&+m_{010}^{(22)}m_{200}^{(11)}m_{102}^{(10)} - m_{010}^{(22)}m_{200}^{(11)}m_{012}^{(00)} + m_{010}^{(22)}m_{200}^{(21)}m_{210}^{(21)} - m_{010}^{(22)}m_{200}^{(21)}m_{120}^{(20)}\\
&-m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(10)} + m_{010}^{(22)}m_{200}^{(21)}m_{021}^{(00)} + 2m_{010}^{(22)}m_{110}^{(10)}m_{201}^{(21)} - 2m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(20)}\\
&-2m_{010}^{(22)}m_{110}^{(10)}m_{102}^{(10)} + 2m_{010}^{(22)}m_{110}^{(10)}m_{012}^{(00)} - m_{010}^{(22)}m_{110}^{(20)}m_{210}^{(21)} + m_{010}^{(22)}m_{110}^{(20)}m_{120}^{(20)}\\
&+m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(10)} - m_{010}^{(22)}m_{110}^{(20)}m_{021}^{(00)} - m_{010}^{(22)}m_{110}^{(21)}m_{300}^{(21)} + m_{010}^{(22)}m_{110}^{(21)}m_{210}^{(20)}\\
&+m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(10)} - m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(00)} - m_{010}^{(22)}m_{101}^{(10)}m_{210}^{(21)} + m_{010}^{(22)}m_{101}^{(10)}m_{120}^{(20)}\\
&+m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(10)} - m_{010}^{(22)}m_{101}^{(10)}m_{021}^{(00)} + m_{010}^{(22)}m_{101}^{(11)}m_{300}^{(21)} - m_{010}^{(22)}m_{101}^{(11)}m_{210}^{(20)}\\
&-m_{010}^{(22)}m_{101}^{(11)}m_{201}^{(10)} + m_{010}^{(22)}m_{101}^{(11)}m_{111}^{(00)} - m_{010}^{(22)}m_{020}^{(00)}m_{201}^{(21)} + m_{010}^{(22)}m_{020}^{(00)}m_{111}^{(20)}\\
&+m_{010}^{(22)}m_{020}^{(00)}m_{102}^{(10)} - m_{010}^{(22)}m_{020}^{(00)}m_{012}^{(00)} + m_{010}^{(22)}m_{020}^{(20)}m_{300}^{(21)} - m_{010}^{(22)}m_{020}^{(20)}m_{210}^{(20)}\\
&-m_{010}^{(22)}m_{020}^{(20)}m_{201}^{(10)} + m_{010}^{(22)}m_{020}^{(20)}m_{111}^{(00)} + m_{010}^{(22)}m_{011}^{(00)}m_{210}^{(21)} - m_{010}^{(22)}m_{011}^{(00)}m_{120}^{(20)}\\
&-m_{010}^{(22)}m_{011}^{(00)}m_{111}^{(10)} + m_{010}^{(22)}m_{011}^{(00)}m_{021}^{(00)} - m_{010}^{(22)}m_{011}^{(10)}m_{300}^{(21)} + m_{010}^{(22)}m_{011}^{(10)}m_{210}^{(20)}\\
&+m_{010}^{(22)}m_{011}^{(10)}m_{201}^{(10)} - m_{010}^{(22)}m_{011}^{(10)}m_{111}^{(00)} + m_{001}^{(00)}m_{110}^{(21)}m_{111}^{(21)} - m_{001}^{(00)}m_{110}^{(21)}m_{102}^{(11)}\\
&-m_{001}^{(00)}m_{110}^{(21)}m_{021}^{(20)} + m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(10)} - m_{001}^{(00)}m_{110}^{(22)}m_{120}^{(21)} + m_{001}^{(00)}m_{110}^{(22)}m_{111}^{(11)}\\
&+m_{001}^{(00)}m_{110}^{(22)}m_{030}^{(20)} - m_{001}^{(00)}m_{110}^{(22)}m_{021}^{(10)} - m_{001}^{(00)}m_{101}^{(11)}m_{111}^{(21)} + m_{001}^{(00)}m_{101}^{(11)}m_{102}^{(11)}\\
&+m_{001}^{(00)}m_{101}^{(11)}m_{021}^{(20)} - m_{001}^{(00)}m_{101}^{(11)}m_{012}^{(10)} + m_{001}^{(00)}m_{101}^{(21)}m_{120}^{(21)} - m_{001}^{(00)}m_{101}^{(21)}m_{111}^{(11)}\\
&-m_{001}^{(00)}m_{101}^{(21)}m_{030}^{(20)} + m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(10)} - m_{001}^{(00)}m_{020}^{(20)}m_{111}^{(21)} + m_{001}^{(00)}m_{020}^{(20)}m_{102}^{(11)}\\
&+m_{001}^{(00)}m_{020}^{(20)}m_{021}^{(20)} - m_{001}^{(00)}m_{020}^{(20)}m_{012}^{(10)} + m_{001}^{(00)}m_{020}^{(22)}m_{210}^{(21)} - m_{001}^{(00)}m_{020}^{(22)}m_{201}^{(11)}\\
&-m_{001}^{(00)}m_{020}^{(22)}m_{120}^{(20)} + m_{001}^{(00)}m_{020}^{(22)}m_{111}^{(10)} + m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(21)} - m_{001}^{(00)}m_{011}^{(10)}m_{102}^{(11)}\\
&-m_{001}^{(00)}m_{011}^{(10)}m_{021}^{(20)} + m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(10)} + m_{001}^{(00)}m_{011}^{(20)}m_{120}^{(21)} - m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(11)}\\
&-m_{001}^{(00)}m_{011}^{(20)}m_{030}^{(20)} + m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(10)} - 2m_{001}^{(00)}m_{011}^{(21)}m_{210}^{(21)} + 2m_{001}^{(00)}m_{011}^{(21)}m_{201}^{(11)}\\
&+2m_{001}^{(00)}m_{011}^{(21)}m_{120}^{(20)} - 2m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(10)} - m_{001}^{(00)}m_{002}^{(10)}m_{120}^{(21)} + m_{001}^{(00)}m_{002}^{(10)}m_{111}^{(11)}
\end{aligned}
$$

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\begin{aligned}
&+m_{001}^{(00)}m_{002}^{(10)}m_{030}^{(20)} - m_{001}^{(00)}m_{002}^{(10)}m_{021}^{(10)} + m_{001}^{(00)}m_{002}^{(11)}m_{210}^{(21)} - m_{001}^{(00)}m_{002}^{(11)}m_{201}^{(11)}\\
&-m_{001}^{(00)}m_{002}^{(11)}m_{120}^{(20)} + m_{001}^{(00)}m_{002}^{(11)}m_{111}^{(10)} - m_{001}^{(10)}m_{200}^{(21)}m_{111}^{(21)} + m_{001}^{(10)}m_{200}^{(21)}m_{102}^{(11)}\\
&+m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(20)} - m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(10)} + m_{001}^{(10)}m_{200}^{(22)}m_{120}^{(21)} - m_{001}^{(10)}m_{200}^{(22)}m_{111}^{(11)}\\
&-m_{001}^{(10)}m_{200}^{(22)}m_{030}^{(20)} + m_{001}^{(10)}m_{200}^{(22)}m_{021}^{(10)} + m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(21)} - m_{001}^{(10)}m_{110}^{(20)}m_{102}^{(11)}\\
&-m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(20)} + m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(10)} - m_{001}^{(10)}m_{110}^{(21)}m_{201}^{(21)} + m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(20)}\\
&+m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(10)} - m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(00)} + m_{001}^{(10)}m_{110}^{(22)}m_{201}^{(11)} - 2m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(10)}\\
&+m_{001}^{(10)}m_{110}^{(22)}m_{021}^{(00)} + m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(21)} - m_{001}^{(10)}m_{101}^{(10)}m_{102}^{(11)} - m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(20)}\\
&+m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(10)} + m_{001}^{(10)}m_{101}^{(11)}m_{201}^{(21)} - m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(20)} - m_{001}^{(10)}m_{101}^{(11)}m_{102}^{(10)}\\
&+m_{001}^{(10)}m_{101}^{(11)}m_{012}^{(00)} - 2m_{001}^{(10)}m_{101}^{(20)}m_{120}^{(21)} + 2m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(11)} + 2m_{001}^{(10)}m_{101}^{(20)}m_{030}^{(20)}\\
&-2m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(10)} - m_{001}^{(10)}m_{101}^{(21)}m_{201}^{(11)} + 2m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(10)} - m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(00)}\\
&+m_{001}^{(10)}m_{020}^{(20)}m_{201}^{(21)} - m_{001}^{(10)}m_{020}^{(20)}m_{111}^{(20)} - m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(10)} + m_{001}^{(10)}m_{020}^{(20)}m_{012}^{(00)}\\
&-m_{001}^{(10)}m_{020}^{(22)}m_{300}^{(21)} + m_{001}^{(10)}m_{020}^{(22)}m_{210}^{(20)} + m_{001}^{(10)}m_{020}^{(22)}m_{201}^{(10)} - m_{001}^{(10)}m_{020}^{(22)}m_{111}^{(00)}\\
&-m_{001}^{(10)}m_{011}^{(00)}m_{111}^{(21)} + m_{001}^{(10)}m_{011}^{(00)}m_{102}^{(11)} + m_{001}^{(10)}m_{011}^{(00)}m_{021}^{(20)} - m_{001}^{(10)}m_{011}^{(00)}m_{012}^{(10)}\\
&-m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(21)} + m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(20)} + m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(10)} - m_{001}^{(10)}m_{011}^{(10)}m_{012}^{(00)}\\
&-m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(11)} + 2m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(10)} - m_{001}^{(10)}m_{011}^{(20)}m_{021}^{(00)} + 2m_{001}^{(10)}m_{011}^{(21)}m_{300}^{(21)}\\
&-2m_{001}^{(10)}m_{011}^{(21)}m_{210}^{(20)} - 2m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(10)} + 2m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(00)} + m_{001}^{(10)}m_{002}^{(00)}m_{120}^{(21)}\\
&-m_{001}^{(10)}m_{002}^{(00)}m_{111}^{(11)} - m_{001}^{(10)}m_{002}^{(00)}m_{030}^{(20)} + m_{001}^{(10)}m_{002}^{(00)}m_{021}^{(10)} + m_{001}^{(10)}m_{002}^{(10)}m_{201}^{(11)}\\
&-2m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(10)} + m_{001}^{(10)}m_{002}^{(10)}m_{021}^{(00)} - m_{001}^{(10)}m_{002}^{(11)}m_{300}^{(21)} + m_{001}^{(10)}m_{002}^{(11)}m_{210}^{(20)}\\
&+m_{001}^{(10)}m_{002}^{(11)}m_{201}^{(10)} - m_{001}^{(10)}m_{002}^{(11)}m_{111}^{(00)} + m_{001}^{(11)}m_{200}^{(21)}m_{201}^{(21)} - m_{001}^{(11)}m_{200}^{(21)}m_{111}^{(20)}\\
&-m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(10)} + m_{001}^{(11)}m_{200}^{(21)}m_{012}^{(00)} - m_{001}^{(11)}m_{200}^{(22)}m_{210}^{(21)} + m_{001}^{(11)}m_{200}^{(22)}m_{120}^{(20)}\\
&+m_{001}^{(11)}m_{200}^{(22)}m_{111}^{(10)} - m_{001}^{(11)}m_{200}^{(22)}m_{021}^{(00)} - m_{001}^{(11)}m_{110}^{(20)}m_{201}^{(21)} + m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(20)}\\
&+m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(10)} - m_{001}^{(11)}m_{110}^{(20)}m_{012}^{(00)} + m_{001}^{(11)}m_{110}^{(22)}m_{300}^{(21)} - m_{001}^{(11)}m_{110}^{(22)}m_{210}^{(20)}\\
&-m_{001}^{(11)}m_{110}^{(22)}m_{201}^{(10)} + m_{001}^{(11)}m_{110}^{(22)}m_{111}^{(00)} - m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(21)} + m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(20)}\\
&+m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(10)} - m_{001}^{(11)}m_{101}^{(10)}m_{012}^{(00)} + 2m_{001}^{(11)}m_{101}^{(20)}m_{210}^{(21)} - 2m_{001}^{(11)}m_{101}^{(20)}m_{120}^{(20)}\\
&-2m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(10)} + 2m_{001}^{(11)}m_{101}^{(20)}m_{021}^{(00)} - m_{001}^{(11)}m_{101}^{(21)}m_{300}^{(21)} + m_{001}^{(11)}m_{101}^{(21)}m_{210}^{(20)}\\
&+m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(10)} - m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(00)} + m_{001}^{(11)}m_{011}^{(00)}m_{201}^{(21)} - m_{001}^{(11)}m_{011}^{(00)}m_{111}^{(20)}\\
&-m_{001}^{(11)}m_{011}^{(00)}m_{102}^{(10)} + m_{001}^{(11)}m_{011}^{(00)}m_{012}^{(00)} - m_{001}^{(11)}m_{011}^{(20)}m_{300}^{(21)} + m_{001}^{(11)}m_{011}^{(20)}m_{210}^{(20)}\\
&+m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(10)} - m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(00)} + m_{001}^{(11)}m_{002}^{(00)}m_{210}^{(21)} - m_{001}^{(11)}m_{002}^{(00)}m_{120}^{(20)}\\
&+m_{001}^{(11)}m_{002}^{(00)}m_{111}^{(10)} - m_{001}^{(11)}m_{002}^{(00)}m_{021}^{(00)} + m_{001}^{(11)}m_{002}^{(10)}m_{300}^{(21)} - m_{001}^{(11)}m_{002}^{(10)}m_{210}^{(20)}\\
&-m_{001}^{(11)}m_{002}^{(10)}m_{201}^{(10)} + m_{001}^{(11)}m_{002}^{(10)}m_{111}^{(00)} + m_{001}^{(20)}m_{200}^{(11)}m_{111}^{(21)} - m_{001}^{(20)}m_{200}^{(11)}m_{102}^{(11)}\\
&-m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(20)} + m_{001}^{(20)}m_{200}^{(11)}m_{012}^{(10)} - m_{001}^{(20)}m_{200}^{(21)}m_{120}^{(21)} + m_{001}^{(20)}m_{200}^{(21)}m_{111}^{(11)}\\
&+m_{001}^{(20)}m_{200}^{(21)}m_{030}^{(20)} - m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(10)} - 2m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(21)} + 2m_{001}^{(20)}m_{110}^{(10)}m_{102}^{(11)}\\
&+2m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(20)} - 2m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(10)} + m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(21)} - m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(11)}\\
&-m_{001}^{(20)}m_{110}^{(20)}m_{030}^{(20)} + m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(10)} + m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(21)} - m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(20)}\\
&-m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(10)} + m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(00)} - m_{001}^{(20)}m_{110}^{(22)}m_{210}^{(11)} + 2m_{001}^{(20)}m_{110}^{(22)}m_{120}^{(10)}\\
&-m_{001}^{(20)}m_{110}^{(22)}m_{030}^{(00)} + m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(21)} - m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(11)} - m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(20)}\\
&+m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(10)} - m_{001}^{(20)}m_{101}^{(11)}m_{210}^{(21)} + m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(20)} + m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(10)}\\
&-m_{001}^{(20)}m_{101}^{(11)}m_{021}^{(00)} + m_{001}^{(20)}m_{101}^{(21)}m_{210}^{(11)} - 2m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(10)} + m_{001}^{(20)}m_{101}^{(21)}m_{030}^{(00)}
\end{aligned}
$$

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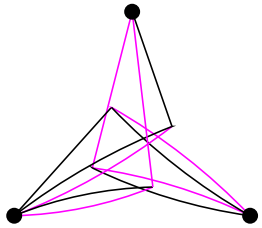
\begin{aligned}
&+m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(21)} - m_{001}^{(20)}m_{020}^{(00)}m_{102}^{(11)} - m_{001}^{(20)}m_{020}^{(00)}m_{021}^{(20)} + m_{001}^{(20)}m_{020}^{(00)}m_{012}^{(10)}\\
&-m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(21)} + m_{001}^{(20)}m_{020}^{(20)}m_{120}^{(20)} + m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(10)} - m_{001}^{(20)}m_{020}^{(20)}m_{021}^{(00)}\\
&+m_{001}^{(20)}m_{020}^{(22)}m_{300}^{(11)} - 2m_{001}^{(20)}m_{020}^{(22)}m_{210}^{(10)} + m_{001}^{(20)}m_{020}^{(22)}m_{120}^{(00)} - m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(21)}\\
&+m_{001}^{(20)}m_{011}^{(00)}m_{111}^{(11)} + m_{001}^{(20)}m_{011}^{(00)}m_{030}^{(20)} - m_{001}^{(20)}m_{011}^{(00)}m_{021}^{(10)} + m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(21)}\\
&-m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(20)} - m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(10)} + m_{001}^{(20)}m_{011}^{(10)}m_{021}^{(00)} + m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(11)}\\
&-2m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(10)} + m_{001}^{(20)}m_{011}^{(20)}m_{030}^{(00)} - 2m_{001}^{(20)}m_{011}^{(21)}m_{300}^{(11)} + 4m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(10)}\\
&-2m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(00)} - m_{001}^{(20)}m_{002}^{(10)}m_{210}^{(11)} + 2m_{001}^{(20)}m_{002}^{(10)}m_{120}^{(10)} - m_{001}^{(20)}m_{002}^{(10)}m_{030}^{(00)}\\
&+m_{001}^{(20)}m_{002}^{(11)}m_{300}^{(11)} - 2m_{001}^{(20)}m_{002}^{(11)}m_{210}^{(10)} + m_{001}^{(20)}m_{002}^{(11)}m_{120}^{(00)} - m_{001}^{(21)}m_{200}^{(11)}m_{201}^{(21)}\\
&+m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(20)} + m_{001}^{(21)}m_{200}^{(11)}m_{102}^{(10)} - m_{001}^{(21)}m_{200}^{(11)}m_{012}^{(00)} + m_{001}^{(21)}m_{200}^{(21)}m_{210}^{(21)}\\
&-m_{001}^{(21)}m_{200}^{(21)}m_{201}^{(11)} - m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(20)} + m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(10)} + m_{001}^{(21)}m_{200}^{(22)}m_{210}^{(11)}\\
&-2m_{001}^{(21)}m_{200}^{(22)}m_{120}^{(10)} + m_{001}^{(21)}m_{200}^{(22)}m_{030}^{(00)} + 2m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(21)} - 2m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(20)}\\
&-2m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(10)} + 2m_{001}^{(21)}m_{110}^{(10)}m_{012}^{(00)} - m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(21)} + m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(11)}\\
&+m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(20)} - m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(10)} - m_{001}^{(21)}m_{110}^{(21)}m_{300}^{(21)} + m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(20)}\\
&+m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(10)} - m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(00)} - m_{001}^{(21)}m_{110}^{(22)}m_{300}^{(11)} + 2m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(10)}\\
&-m_{001}^{(21)}m_{110}^{(22)}m_{120}^{(00)} - m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(21)} + m_{001}^{(21)}m_{101}^{(10)}m_{201}^{(11)} + m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(20)}\\
&-m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(10)} + m_{001}^{(21)}m_{101}^{(11)}m_{300}^{(21)} - m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(20)} - m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(10)}\\
&+m_{001}^{(21)}m_{101}^{(11)}m_{111}^{(00)} - 2m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(11)} + 4m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(10)} - 2m_{001}^{(21)}m_{101}^{(20)}m_{030}^{(00)}\\
&+m_{001}^{(21)}m_{101}^{(21)}m_{300}^{(11)} - 2m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(10)} + m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(00)} - m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(21)}\\
&+m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(20)} + m_{001}^{(21)}m_{020}^{(00)}m_{102}^{(10)} - m_{001}^{(21)}m_{020}^{(00)}m_{012}^{(00)} + m_{001}^{(21)}m_{020}^{(20)}m_{300}^{(21)}\\
&-m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(20)} - m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(10)} + m_{001}^{(21)}m_{020}^{(20)}m_{111}^{(00)} + m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(21)}\\
&-m_{001}^{(21)}m_{011}^{(00)}m_{201}^{(11)} - m_{001}^{(21)}m_{011}^{(00)}m_{120}^{(20)} + m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(10)} - m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(21)}\\
&+m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(20)} + m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(10)} - m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(00)} + m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(11)}\\
&-2m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(10)} + m_{001}^{(21)}m_{011}^{(20)}m_{120}^{(00)} + m_{001}^{(21)}m_{002}^{(00)}m_{210}^{(11)} - 2m_{001}^{(21)}m_{002}^{(00)}m_{120}^{(10)}\\
&+m_{001}^{(21)}m_{002}^{(00)}m_{030}^{(00)} - m_{001}^{(21)}m_{002}^{(10)}m_{300}^{(11)} + 2m_{001}^{(21)}m_{002}^{(10)}m_{210}^{(10)} - m_{001}^{(21)}m_{002}^{(10)}m_{120}^{(00)}\\
&+m_{001}^{(22)}m_{200}^{(11)}m_{201}^{(11)} - 2m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(10)} + m_{001}^{(22)}m_{200}^{(11)}m_{021}^{(00)} - m_{001}^{(22)}m_{200}^{(21)}m_{210}^{(11)}\\
&+2m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(10)} - m_{001}^{(22)}m_{200}^{(21)}m_{030}^{(00)} - 2m_{001}^{(22)}m_{110}^{(10)}m_{201}^{(11)} + 4m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(10)}\\
&-2m_{001}^{(22)}m_{110}^{(10)}m_{021}^{(00)} + m_{001}^{(22)}m_{110}^{(20)}m_{210}^{(11)} - 2m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(10)} + m_{001}^{(22)}m_{110}^{(20)}m_{030}^{(00)}\\
&+m_{001}^{(22)}m_{110}^{(21)}m_{300}^{(11)} - 2m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(10)} + m_{001}^{(22)}m_{110}^{(21)}m_{120}^{(00)} + m_{001}^{(22)}m_{101}^{(10)}m_{210}^{(11)}\\
&-2m_{001}^{(22)}m_{101}^{(10)}m_{120}^{(10)} + m_{001}^{(22)}m_{101}^{(10)}m_{030}^{(00)} - m_{001}^{(22)}m_{101}^{(11)}m_{300}^{(11)} + 2m_{001}^{(22)}m_{101}^{(11)}m_{210}^{(10)}\\
&-m_{001}^{(22)}m_{101}^{(11)}m_{120}^{(00)} + m_{001}^{(22)}m_{020}^{(00)}m_{201}^{(11)} - 2m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(10)} + m_{001}^{(22)}m_{020}^{(00)}m_{021}^{(00)}\\
&-m_{001}^{(22)}m_{020}^{(20)}m_{300}^{(11)} + 2m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(10)} - m_{001}^{(22)}m_{020}^{(20)}m_{120}^{(00)} - m_{001}^{(22)}m_{011}^{(00)}m_{210}^{(11)}\\
&+2m_{001}^{(22)}m_{011}^{(00)}m_{120}^{(10)} - m_{001}^{(22)}m_{011}^{(00)}m_{030}^{(00)} + m_{001}^{(22)}m_{011}^{(10)}m_{300}^{(11)} - 2m_{001}^{(22)}m_{011}^{(10)}m_{210}^{(10)}\\
&+m_{001}^{(22)}m_{011}^{(10)}m_{120}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & V1 & 1 & V2\\
1 & 1 & V3 & V3\\
V2 & 2 & 3 & 3
\end{array}
$$



$$
\begin{aligned}
T_{71} \;=\;& m_{100}^{(00)} m_{020}^{(10)} m_{012}^{(22)} - m_{100}^{(00)} m_{020}^{(10)} m_{003}^{(21)} - m_{100}^{(00)} m_{020}^{(11)} m_{102}^{(22)} + m_{100}^{(00)} m_{020}^{(11)} m_{003}^{(20)} \\
& - m_{100}^{(00)} m_{020}^{(20)} m_{012}^{(21)} + m_{100}^{(00)} m_{020}^{(20)} m_{003}^{(11)} + 2 m_{100}^{(00)} m_{020}^{(21)} m_{102}^{(21)} - m_{100}^{(00)} m_{020}^{(21)} m_{012}^{(20)} \\
& - m_{100}^{(00)} m_{020}^{(21)} m_{003}^{(10)} - m_{100}^{(00)} m_{020}^{(22)} m_{102}^{(11)} + m_{100}^{(00)} m_{020}^{(22)} m_{012}^{(10)} - 2 m_{100}^{(00)} m_{011}^{(10)} m_{021}^{(22)} \\
& + 2 m_{100}^{(00)} m_{011}^{(10)} m_{012}^{(21)} + 2 m_{100}^{(00)} m_{011}^{(11)} m_{111}^{(22)} - 2 m_{100}^{(00)} m_{011}^{(11)} m_{012}^{(20)} + 2 m_{100}^{(00)} m_{011}^{(20)} m_{021}^{(21)} \\
& - 2 m_{100}^{(00)} m_{011}^{(20)} m_{012}^{(11)} - 4 m_{100}^{(00)} m_{011}^{(21)} m_{111}^{(21)} + 2 m_{100}^{(00)} m_{011}^{(21)} m_{021}^{(20)} + 2 m_{100}^{(00)} m_{011}^{(21)} m_{012}^{(10)} \\
& + 2 m_{100}^{(00)} m_{011}^{(22)} m_{111}^{(11)} - 2 m_{100}^{(00)} m_{011}^{(22)} m_{021}^{(10)} + m_{100}^{(00)} m_{002}^{(10)} m_{030}^{(22)} - m_{100}^{(00)} m_{002}^{(10)} m_{021}^{(21)} \\
& - m_{100}^{(00)} m_{002}^{(11)} m_{120}^{(22)} + m_{100}^{(00)} m_{002}^{(11)} m_{021}^{(20)} - m_{100}^{(00)} m_{002}^{(20)} m_{030}^{(21)} + m_{100}^{(00)} m_{002}^{(20)} m_{021}^{(11)} \\
& + 2 m_{100}^{(00)} m_{002}^{(21)} m_{120}^{(21)} - m_{100}^{(00)} m_{002}^{(21)} m_{030}^{(20)} - m_{100}^{(00)} m_{002}^{(21)} m_{021}^{(10)} - m_{100}^{(00)} m_{002}^{(22)} m_{120}^{(11)} \\
& + m_{100}^{(00)} m_{002}^{(22)} m_{030}^{(10)} - 2 m_{100}^{(10)} m_{110}^{(10)} m_{012}^{(22)} + 2 m_{100}^{(10)} m_{110}^{(10)} m_{003}^{(21)} + 2 m_{100}^{(10)} m_{110}^{(11)} m_{102}^{(22)} \\
& - 2 m_{100}^{(10)} m_{110}^{(11)} m_{003}^{(20)} + 2 m_{100}^{(10)} m_{110}^{(20)} m_{012}^{(21)} - 2 m_{100}^{(10)} m_{110}^{(20)} m_{003}^{(11)} - 4 m_{100}^{(10)} m_{110}^{(21)} m_{102}^{(21)} \\
& + 2 m_{100}^{(10)} m_{110}^{(21)} m_{012}^{(20)} + 2 m_{100}^{(10)} m_{110}^{(21)} m_{003}^{(10)} + 2 m_{100}^{(10)} m_{110}^{(22)} m_{102}^{(11)} - 2 m_{100}^{(10)} m_{110}^{(22)} m_{012}^{(10)} \\
& + 2 m_{100}^{(10)} m_{101}^{(10)} m_{021}^{(22)} - 2 m_{100}^{(10)} m_{101}^{(10)} m_{012}^{(21)} - 2 m_{100}^{(10)} m_{101}^{(11)} m_{111}^{(22)} + 2 m_{100}^{(10)} m_{101}^{(11)} m_{012}^{(20)} \\
& - 2 m_{100}^{(10)} m_{101}^{(20)} m_{021}^{(21)} + 2 m_{100}^{(10)} m_{101}^{(20)} m_{012}^{(11)} + 4 m_{100}^{(10)} m_{101}^{(21)} m_{111}^{(21)} - 2 m_{100}^{(10)} m_{101}^{(21)} m_{021}^{(20)} \\
& - 2 m_{100}^{(10)} m_{101}^{(21)} m_{012}^{(10)} - 2 m_{100}^{(10)} m_{101}^{(22)} m_{111}^{(11)} + 2 m_{100}^{(10)} m_{101}^{(22)} m_{021}^{(10)} + 2 m_{100}^{(10)} m_{011}^{(10)} m_{111}^{(22)} \\
& - 2 m_{100}^{(10)} m_{011}^{(10)} m_{102}^{(21)} - 2 m_{100}^{(10)} m_{011}^{(11)} m_{201}^{(22)} + 2 m_{100}^{(10)} m_{011}^{(11)} m_{102}^{(20)} - 2 m_{100}^{(10)} m_{011}^{(20)} m_{111}^{(21)} \\
& + 2 m_{100}^{(10)} m_{011}^{(20)} m_{102}^{(11)} + 4 m_{100}^{(10)} m_{011}^{(21)} m_{201}^{(21)} - 2 m_{100}^{(10)} m_{011}^{(21)} m_{111}^{(20)} - 2 m_{100}^{(10)} m_{011}^{(21)} m_{102}^{(10)} \\
& - 2 m_{100}^{(10)} m_{011}^{(22)} m_{201}^{(11)} + 2 m_{100}^{(10)} m_{011}^{(22)} m_{111}^{(10)} - 2 m_{100}^{(10)} m_{002}^{(10)} m_{120}^{(22)} + 2 m_{100}^{(10)} m_{002}^{(10)} m_{111}^{(21)} \\
& + 2 m_{100}^{(10)} m_{002}^{(11)} m_{210}^{(22)} - 2 m_{100}^{(10)} m_{002}^{(11)} m_{111}^{(20)} + 2 m_{100}^{(10)} m_{002}^{(20)} m_{120}^{(21)} - 2 m_{100}^{(10)} m_{002}^{(20)} m_{111}^{(11)} \\
& - 4 m_{100}^{(10)} m_{002}^{(21)} m_{210}^{(21)} + 2 m_{100}^{(10)} m_{002}^{(21)} m_{120}^{(20)} + 2 m_{100}^{(10)} m_{002}^{(21)} m_{111}^{(10)} + 2 m_{100}^{(10)} m_{002}^{(22)} m_{210}^{(11)} \\
& - 2 m_{100}^{(10)} m_{002}^{(22)} m_{120}^{(10)} + m_{100}^{(11)} m_{200}^{(10)} m_{012}^{(22)} - m_{100}^{(11)} m_{200}^{(10)} m_{003}^{(21)} - m_{100}^{(11)} m_{200}^{(11)} m_{102}^{(22)} \\
& + m_{100}^{(11)} m_{200}^{(11)} m_{003}^{(20)} - m_{100}^{(11)} m_{200}^{(20)} m_{012}^{(21)} + m_{100}^{(11)} m_{200}^{(20)} m_{003}^{(11)} + 2 m_{100}^{(11)} m_{200}^{(21)} m_{102}^{(21)} \\
& - m_{100}^{(11)} m_{200}^{(21)} m_{012}^{(20)} - m_{100}^{(11)} m_{200}^{(21)} m_{003}^{(10)} - m_{100}^{(11)} m_{200}^{(22)} m_{102}^{(11)} + m_{100}^{(11)} m_{200}^{(22)} m_{012}^{(10)} \\
& - 2 m_{100}^{(11)} m_{101}^{(10)} m_{111}^{(22)} + 2 m_{100}^{(11)} m_{101}^{(10)} m_{102}^{(21)} + 2 m_{100}^{(11)} m_{101}^{(11)} m_{201}^{(22)} - 2 m_{100}^{(11)} m_{101}^{(11)} m_{102}^{(20)} \\
& + 2 m_{100}^{(11)} m_{101}^{(20)} m_{111}^{(21)} - 2 m_{100}^{(11)} m_{101}^{(20)} m_{102}^{(11)} - 4 m_{100}^{(11)} m_{101}^{(21)} m_{201}^{(21)} + 2 m_{100}^{(11)} m_{101}^{(21)} m_{111}^{(20)} \\
& + 2 m_{100}^{(11)} m_{101}^{(21)} m_{102}^{(10)} + 2 m_{100}^{(11)} m_{101}^{(22)} m_{201}^{(11)} - 2 m_{100}^{(11)} m_{101}^{(22)} m_{111}^{(10)} + m_{100}^{(11)} m_{002}^{(10)} m_{210}^{(22)} \\
& - m_{100}^{(11)} m_{002}^{(10)} m_{201}^{(21)} - m_{100}^{(11)} m_{002}^{(11)} m_{300}^{(22)} + m_{100}^{(11)} m_{002}^{(11)} m_{201}^{(20)} - m_{100}^{(11)} m_{002}^{(20)} m_{210}^{(21)} \\
& + m_{100}^{(11)} m_{002}^{(20)} m_{201}^{(11)} + 2 m_{100}^{(11)} m_{002}^{(21)} m_{300}^{(21)} - m_{100}^{(11)} m_{002}^{(21)} m_{210}^{(20)} - m_{100}^{(11)} m_{002}^{(21)} m_{201}^{(10)} \\
& - m_{100}^{(11)} m_{002}^{(22)} m_{300}^{(11)} + m_{100}^{(11)} m_{002}^{(22)} m_{210}^{(10)} + 2 m_{100}^{(20)} m_{110}^{(10)} m_{021}^{(22)} - 2 m_{100}^{(20)} m_{110}^{(10)} m_{012}^{(21)}
\end{aligned}
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\begin{aligned}
&-2m_{100}^{(20)}m_{110}^{(11)}m_{111}^{(22)}+2m_{100}^{(20)}m_{110}^{(11)}m_{012}^{(20)}-2m_{100}^{(20)}m_{110}^{(20)}m_{021}^{(21)}+2m_{100}^{(20)}m_{110}^{(20)}m_{012}^{(11)}\\
&+4m_{100}^{(20)}m_{110}^{(21)}m_{111}^{(21)}-2m_{100}^{(20)}m_{110}^{(21)}m_{021}^{(20)}-2m_{100}^{(20)}m_{110}^{(21)}m_{012}^{(10)}-2m_{100}^{(20)}m_{110}^{(22)}m_{111}^{(11)}\\
&+2m_{100}^{(20)}m_{110}^{(22)}m_{021}^{(10)}-2m_{100}^{(20)}m_{101}^{(10)}m_{030}^{(22)}+2m_{100}^{(20)}m_{101}^{(10)}m_{021}^{(21)}+2m_{100}^{(20)}m_{101}^{(11)}m_{120}^{(22)}\\
&-2m_{100}^{(20)}m_{101}^{(11)}m_{021}^{(20)}+2m_{100}^{(20)}m_{101}^{(20)}m_{030}^{(21)}-2m_{100}^{(20)}m_{101}^{(20)}m_{021}^{(11)}-4m_{100}^{(20)}m_{101}^{(21)}m_{120}^{(21)}\\
&+2m_{100}^{(20)}m_{101}^{(21)}m_{030}^{(20)}+2m_{100}^{(20)}m_{101}^{(21)}m_{021}^{(10)}+2m_{100}^{(20)}m_{101}^{(22)}m_{120}^{(11)}-2m_{100}^{(20)}m_{101}^{(22)}m_{030}^{(10)}\\
&-2m_{100}^{(20)}m_{020}^{(10)}m_{111}^{(22)}+2m_{100}^{(20)}m_{020}^{(10)}m_{102}^{(21)}+2m_{100}^{(20)}m_{020}^{(11)}m_{201}^{(22)}-2m_{100}^{(20)}m_{020}^{(11)}m_{102}^{(20)}\\
&+2m_{100}^{(20)}m_{020}^{(20)}m_{111}^{(21)}-2m_{100}^{(20)}m_{020}^{(20)}m_{102}^{(11)}-4m_{100}^{(20)}m_{020}^{(21)}m_{201}^{(21)}+2m_{100}^{(20)}m_{020}^{(21)}m_{111}^{(20)}\\
&+2m_{100}^{(20)}m_{020}^{(21)}m_{102}^{(10)}+2m_{100}^{(20)}m_{020}^{(22)}m_{201}^{(11)}-2m_{100}^{(20)}m_{020}^{(22)}m_{111}^{(10)}+2m_{100}^{(20)}m_{011}^{(10)}m_{120}^{(22)}\\
&-2m_{100}^{(20)}m_{011}^{(10)}m_{111}^{(21)}-2m_{100}^{(20)}m_{011}^{(11)}m_{210}^{(22)}+2m_{100}^{(20)}m_{011}^{(11)}m_{111}^{(20)}-2m_{100}^{(20)}m_{011}^{(20)}m_{120}^{(21)}\\
&+2m_{100}^{(20)}m_{011}^{(20)}m_{111}^{(11)}+4m_{100}^{(20)}m_{011}^{(21)}m_{210}^{(21)}-2m_{100}^{(20)}m_{011}^{(21)}m_{120}^{(20)}-2m_{100}^{(20)}m_{011}^{(21)}m_{111}^{(10)}\\
&-2m_{100}^{(20)}m_{011}^{(22)}m_{210}^{(11)}+2m_{100}^{(20)}m_{011}^{(22)}m_{120}^{(10)}-2m_{100}^{(21)}m_{200}^{(10)}m_{021}^{(22)}+2m_{100}^{(21)}m_{200}^{(10)}m_{012}^{(21)}\\
&+2m_{100}^{(21)}m_{200}^{(11)}m_{111}^{(22)}-2m_{100}^{(21)}m_{200}^{(11)}m_{012}^{(20)}+2m_{100}^{(21)}m_{200}^{(20)}m_{021}^{(21)}-2m_{100}^{(21)}m_{200}^{(20)}m_{012}^{(11)}\\
&-4m_{100}^{(21)}m_{200}^{(21)}m_{111}^{(21)}+2m_{100}^{(21)}m_{200}^{(21)}m_{021}^{(20)}+2m_{100}^{(21)}m_{200}^{(21)}m_{012}^{(10)}+2m_{100}^{(21)}m_{200}^{(22)}m_{111}^{(11)}\\
&-2m_{100}^{(21)}m_{200}^{(22)}m_{021}^{(10)}+2m_{100}^{(21)}m_{110}^{(10)}m_{111}^{(22)}-2m_{100}^{(21)}m_{110}^{(10)}m_{102}^{(21)}-2m_{100}^{(21)}m_{110}^{(11)}m_{201}^{(22)}\\
&+2m_{100}^{(21)}m_{110}^{(11)}m_{102}^{(20)}-2m_{100}^{(21)}m_{110}^{(20)}m_{111}^{(21)}+2m_{100}^{(21)}m_{110}^{(20)}m_{102}^{(11)}+4m_{100}^{(21)}m_{110}^{(21)}m_{201}^{(21)}\\
&-2m_{100}^{(21)}m_{110}^{(21)}m_{111}^{(20)}-2m_{100}^{(21)}m_{110}^{(21)}m_{102}^{(10)}-2m_{100}^{(21)}m_{110}^{(22)}m_{201}^{(11)}+2m_{100}^{(21)}m_{110}^{(22)}m_{111}^{(10)}\\
&+2m_{100}^{(21)}m_{101}^{(10)}m_{120}^{(22)}-2m_{100}^{(21)}m_{101}^{(10)}m_{111}^{(21)}-2m_{100}^{(21)}m_{101}^{(11)}m_{210}^{(22)}+2m_{100}^{(21)}m_{101}^{(11)}m_{111}^{(20)}\\
&-2m_{100}^{(21)}m_{101}^{(20)}m_{120}^{(21)}+2m_{100}^{(21)}m_{101}^{(20)}m_{111}^{(11)}+4m_{100}^{(21)}m_{101}^{(21)}m_{210}^{(21)}-2m_{100}^{(21)}m_{101}^{(21)}m_{120}^{(20)}\\
&-2m_{100}^{(21)}m_{101}^{(21)}m_{111}^{(10)}-2m_{100}^{(21)}m_{101}^{(22)}m_{210}^{(11)}+2m_{100}^{(21)}m_{101}^{(22)}m_{120}^{(10)}-2m_{100}^{(21)}m_{011}^{(10)}m_{210}^{(22)}\\
&+2m_{100}^{(21)}m_{011}^{(10)}m_{201}^{(21)}+2m_{100}^{(21)}m_{011}^{(11)}m_{300}^{(22)}-2m_{100}^{(21)}m_{011}^{(11)}m_{201}^{(20)}+2m_{100}^{(21)}m_{011}^{(20)}m_{210}^{(21)}\\
&-2m_{100}^{(21)}m_{011}^{(20)}m_{201}^{(11)}-4m_{100}^{(21)}m_{011}^{(21)}m_{300}^{(21)}+2m_{100}^{(21)}m_{011}^{(21)}m_{210}^{(20)}+2m_{100}^{(21)}m_{011}^{(21)}m_{201}^{(10)}\\
&+2m_{100}^{(21)}m_{011}^{(22)}m_{300}^{(11)}-2m_{100}^{(21)}m_{011}^{(22)}m_{210}^{(10)}+m_{100}^{(22)}m_{200}^{(10)}m_{030}^{(22)}-m_{100}^{(22)}m_{200}^{(10)}m_{021}^{(21)}\\
&-m_{100}^{(22)}m_{200}^{(11)}m_{120}^{(22)}+m_{100}^{(22)}m_{200}^{(11)}m_{021}^{(20)}-m_{100}^{(22)}m_{200}^{(20)}m_{030}^{(21)}+m_{100}^{(22)}m_{200}^{(20)}m_{021}^{(11)}\\
&+2m_{100}^{(22)}m_{200}^{(21)}m_{120}^{(21)}-m_{100}^{(22)}m_{200}^{(21)}m_{030}^{(20)}-m_{100}^{(22)}m_{200}^{(21)}m_{021}^{(10)}-m_{100}^{(22)}m_{200}^{(22)}m_{120}^{(11)}\\
&+m_{100}^{(22)}m_{200}^{(22)}m_{030}^{(10)}-2m_{100}^{(22)}m_{110}^{(10)}m_{120}^{(22)}+2m_{100}^{(22)}m_{110}^{(10)}m_{111}^{(21)}+2m_{100}^{(22)}m_{110}^{(11)}m_{210}^{(22)}\\
&-2m_{100}^{(22)}m_{110}^{(11)}m_{111}^{(20)}+2m_{100}^{(22)}m_{110}^{(20)}m_{120}^{(21)}-2m_{100}^{(22)}m_{110}^{(20)}m_{111}^{(11)}-4m_{100}^{(22)}m_{110}^{(21)}m_{210}^{(21)}\\
&+2m_{100}^{(22)}m_{110}^{(21)}m_{120}^{(20)}+2m_{100}^{(22)}m_{110}^{(21)}m_{111}^{(10)}+2m_{100}^{(22)}m_{110}^{(22)}m_{210}^{(11)}-2m_{100}^{(22)}m_{110}^{(22)}m_{120}^{(10)}\\
&+m_{100}^{(22)}m_{020}^{(10)}m_{210}^{(22)}-m_{100}^{(22)}m_{020}^{(10)}m_{201}^{(21)}-m_{100}^{(22)}m_{020}^{(11)}m_{300}^{(22)}+m_{100}^{(22)}m_{020}^{(11)}m_{201}^{(20)}\\
&-m_{100}^{(22)}m_{020}^{(20)}m_{210}^{(21)}+m_{100}^{(22)}m_{020}^{(20)}m_{201}^{(11)}+2m_{100}^{(22)}m_{020}^{(21)}m_{300}^{(21)}-m_{100}^{(22)}m_{020}^{(21)}m_{210}^{(20)}\\
&-m_{100}^{(22)}m_{020}^{(21)}m_{201}^{(10)}-m_{100}^{(22)}m_{020}^{(22)}m_{300}^{(11)}+m_{100}^{(22)}m_{020}^{(22)}m_{210}^{(10)}-m_{010}^{(00)}m_{020}^{(00)}m_{012}^{(22)}\\
&+m_{010}^{(00)}m_{020}^{(00)}m_{003}^{(21)}+m_{010}^{(00)}m_{020}^{(10)}m_{102}^{(22)}-m_{010}^{(00)}m_{020}^{(10)}m_{003}^{(20)}-m_{010}^{(00)}m_{020}^{(20)}m_{102}^{(21)}\\
&+2m_{010}^{(00)}m_{020}^{(20)}m_{012}^{(20)}-m_{010}^{(00)}m_{020}^{(20)}m_{003}^{(10)}-m_{010}^{(00)}m_{020}^{(21)}m_{102}^{(20)}+m_{010}^{(00)}m_{020}^{(21)}m_{003}^{(00)}\\
&+m_{010}^{(00)}m_{020}^{(22)}m_{102}^{(10)}-m_{010}^{(00)}m_{020}^{(22)}m_{012}^{(00)}+2m_{010}^{(00)}m_{011}^{(00)}m_{021}^{(22)}-2m_{010}^{(00)}m_{011}^{(00)}m_{012}^{(21)}\\
&-2m_{010}^{(00)}m_{011}^{(10)}m_{111}^{(22)}+2m_{010}^{(00)}m_{011}^{(10)}m_{012}^{(20)}+2m_{010}^{(00)}m_{011}^{(20)}m_{111}^{(21)}-4m_{010}^{(00)}m_{011}^{(20)}m_{021}^{(20)}\\
&+2m_{010}^{(00)}m_{011}^{(20)}m_{012}^{(10)}+2m_{010}^{(00)}m_{011}^{(21)}m_{111}^{(20)}-2m_{010}^{(00)}m_{011}^{(21)}m_{012}^{(00)}-2m_{010}^{(00)}m_{011}^{(22)}m_{111}^{(10)}\\
&+2m_{010}^{(00)}m_{011}^{(22)}m_{021}^{(00)}-m_{010}^{(00)}m_{002}^{(00)}m_{030}^{(22)}+m_{010}^{(00)}m_{002}^{(00)}m_{021}^{(21)}+m_{010}^{(00)}m_{002}^{(10)}m_{120}^{(22)}\\
&-m_{010}^{(00)}m_{002}^{(10)}m_{021}^{(20)}-m_{010}^{(00)}m_{002}^{(20)}m_{120}^{(21)}+2m_{010}^{(00)}m_{002}^{(20)}m_{030}^{(20)}-m_{010}^{(00)}m_{002}^{(20)}m_{021}^{(10)}\\
&-m_{010}^{(00)}m_{002}^{(21)}m_{120}^{(20)}+m_{010}^{(00)}m_{002}^{(21)}m_{021}^{(00)}+m_{010}^{(00)}m_{002}^{(22)}m_{120}^{(10)}-m_{010}^{(00)}m_{002}^{(22)}m_{030}^{(00)}
\end{aligned}
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\begin{aligned}
&+2m_{010}^{(10)}m_{110}^{(00)}m_{012}^{(22)} - 2m_{010}^{(10)}m_{110}^{(00)}m_{003}^{(21)} - 2m_{010}^{(10)}m_{110}^{(10)}m_{102}^{(22)} + 2m_{010}^{(10)}m_{110}^{(10)}m_{003}^{(20)} \\
&+2m_{010}^{(10)}m_{110}^{(20)}m_{102}^{(21)} - 4m_{010}^{(10)}m_{110}^{(20)}m_{012}^{(20)} + 2m_{010}^{(10)}m_{110}^{(20)}m_{003}^{(10)} + 2m_{010}^{(10)}m_{110}^{(21)}m_{102}^{(20)} \\
&-2m_{010}^{(10)}m_{110}^{(21)}m_{003}^{(00)} - 2m_{010}^{(10)}m_{110}^{(22)}m_{102}^{(10)} + 2m_{010}^{(10)}m_{110}^{(22)}m_{012}^{(00)} - 2m_{010}^{(10)}m_{101}^{(00)}m_{021}^{(22)} \\
&+2m_{010}^{(10)}m_{101}^{(00)}m_{012}^{(21)} + 2m_{010}^{(10)}m_{101}^{(10)}m_{111}^{(22)} - 2m_{010}^{(10)}m_{101}^{(10)}m_{012}^{(20)} - 2m_{010}^{(10)}m_{101}^{(20)}m_{111}^{(21)} \\
&+4m_{010}^{(10)}m_{101}^{(20)}m_{021}^{(20)} - 2m_{010}^{(10)}m_{101}^{(20)}m_{012}^{(10)} - 2m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(20)} + 2m_{010}^{(10)}m_{101}^{(21)}m_{012}^{(00)} \\
&+2m_{010}^{(10)}m_{101}^{(22)}m_{111}^{(10)} - 2m_{010}^{(10)}m_{101}^{(22)}m_{021}^{(00)} - 2m_{010}^{(10)}m_{011}^{(00)}m_{111}^{(22)} + 2m_{010}^{(10)}m_{011}^{(00)}m_{102}^{(21)} \\
&+2m_{010}^{(10)}m_{011}^{(10)}m_{201}^{(22)} - 2m_{010}^{(10)}m_{011}^{(10)}m_{102}^{(20)} - 2m_{010}^{(10)}m_{011}^{(20)}m_{201}^{(21)} + 4m_{010}^{(10)}m_{011}^{(20)}m_{111}^{(20)} \\
&-2m_{010}^{(10)}m_{011}^{(20)}m_{102}^{(10)} - 2m_{010}^{(10)}m_{011}^{(21)}m_{201}^{(20)} + 2m_{010}^{(10)}m_{011}^{(21)}m_{102}^{(00)} + 2m_{010}^{(10)}m_{011}^{(22)}m_{201}^{(10)} \\
&-2m_{010}^{(10)}m_{011}^{(22)}m_{111}^{(00)} + 2m_{010}^{(10)}m_{002}^{(00)}m_{120}^{(22)} - 2m_{010}^{(10)}m_{002}^{(00)}m_{111}^{(21)} - 2m_{010}^{(10)}m_{002}^{(10)}m_{210}^{(22)} \\
&+2m_{010}^{(10)}m_{002}^{(10)}m_{111}^{(20)} + 2m_{010}^{(10)}m_{002}^{(20)}m_{210}^{(21)} - 4m_{010}^{(10)}m_{002}^{(20)}m_{120}^{(20)} + 2m_{010}^{(10)}m_{002}^{(20)}m_{111}^{(10)} \\
&+2m_{010}^{(10)}m_{002}^{(21)}m_{210}^{(20)} - 2m_{010}^{(10)}m_{002}^{(21)}m_{111}^{(00)} - 2m_{010}^{(10)}m_{002}^{(22)}m_{210}^{(10)} + 2m_{010}^{(10)}m_{002}^{(22)}m_{120}^{(00)} \\
&-m_{010}^{(11)}m_{200}^{(00)}m_{012}^{(22)} + m_{010}^{(11)}m_{200}^{(00)}m_{003}^{(21)} + m_{010}^{(11)}m_{200}^{(10)}m_{102}^{(22)} - m_{010}^{(11)}m_{200}^{(10)}m_{003}^{(20)} \\
&-m_{010}^{(11)}m_{200}^{(20)}m_{102}^{(21)} + 2m_{010}^{(11)}m_{200}^{(20)}m_{012}^{(20)} - m_{010}^{(11)}m_{200}^{(20)}m_{003}^{(10)} - m_{010}^{(11)}m_{200}^{(21)}m_{102}^{(20)} \\
&+m_{010}^{(11)}m_{200}^{(21)}m_{003}^{(00)} + m_{010}^{(11)}m_{200}^{(22)}m_{102}^{(10)} - m_{010}^{(11)}m_{200}^{(22)}m_{012}^{(00)} + 2m_{010}^{(11)}m_{101}^{(00)}m_{111}^{(22)} \\
&-2m_{010}^{(11)}m_{101}^{(00)}m_{102}^{(21)} - 2m_{010}^{(11)}m_{101}^{(10)}m_{201}^{(22)} + 2m_{010}^{(11)}m_{101}^{(10)}m_{102}^{(20)} + 2m_{010}^{(11)}m_{101}^{(20)}m_{201}^{(21)} \\
&-4m_{010}^{(11)}m_{101}^{(20)}m_{111}^{(20)} + 2m_{010}^{(11)}m_{101}^{(20)}m_{102}^{(10)} + 2m_{010}^{(11)}m_{101}^{(21)}m_{201}^{(20)} - 2m_{010}^{(11)}m_{101}^{(21)}m_{102}^{(00)} \\
&-2m_{010}^{(11)}m_{101}^{(22)}m_{201}^{(10)} + 2m_{010}^{(11)}m_{101}^{(22)}m_{111}^{(00)} - m_{010}^{(11)}m_{002}^{(00)}m_{210}^{(22)} + m_{010}^{(11)}m_{002}^{(00)}m_{201}^{(21)} \\
&+m_{010}^{(11)}m_{002}^{(10)}m_{300}^{(22)} - m_{010}^{(11)}m_{002}^{(10)}m_{201}^{(20)} - m_{010}^{(11)}m_{002}^{(20)}m_{300}^{(21)} + 2m_{010}^{(11)}m_{002}^{(20)}m_{210}^{(20)} \\
&-m_{010}^{(11)}m_{002}^{(20)}m_{201}^{(10)} - m_{010}^{(11)}m_{002}^{(21)}m_{300}^{(20)} + m_{010}^{(11)}m_{002}^{(21)}m_{201}^{(00)} + m_{010}^{(11)}m_{002}^{(22)}m_{300}^{(10)} \\
&-m_{010}^{(11)}m_{002}^{(22)}m_{210}^{(00)} - 2m_{010}^{(20)}m_{110}^{(00)}m_{021}^{(22)} + 2m_{010}^{(20)}m_{110}^{(00)}m_{012}^{(21)} + 2m_{010}^{(20)}m_{110}^{(10)}m_{111}^{(22)} \\
&-2m_{010}^{(20)}m_{110}^{(10)}m_{012}^{(20)} - 2m_{010}^{(20)}m_{110}^{(20)}m_{111}^{(21)} + 4m_{010}^{(20)}m_{110}^{(20)}m_{021}^{(20)} - 2m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(10)} \\
&-2m_{010}^{(20)}m_{110}^{(21)}m_{111}^{(20)} + 2m_{010}^{(20)}m_{110}^{(21)}m_{012}^{(00)} + 2m_{010}^{(20)}m_{110}^{(22)}m_{111}^{(10)} - 2m_{010}^{(20)}m_{110}^{(22)}m_{021}^{(00)} \\
&+2m_{010}^{(20)}m_{101}^{(00)}m_{030}^{(22)} - 2m_{010}^{(20)}m_{101}^{(00)}m_{021}^{(21)} - 2m_{010}^{(20)}m_{101}^{(10)}m_{120}^{(22)} + 2m_{010}^{(20)}m_{101}^{(10)}m_{021}^{(20)} \\
&+2m_{010}^{(20)}m_{101}^{(20)}m_{120}^{(21)} - 4m_{010}^{(20)}m_{101}^{(20)}m_{030}^{(20)} + 2m_{010}^{(20)}m_{101}^{(20)}m_{021}^{(10)} + 2m_{010}^{(20)}m_{101}^{(21)}m_{120}^{(20)} \\
&-2m_{010}^{(20)}m_{101}^{(21)}m_{021}^{(00)} - 2m_{010}^{(20)}m_{101}^{(22)}m_{120}^{(10)} + 2m_{010}^{(20)}m_{101}^{(22)}m_{030}^{(00)} + 2m_{010}^{(20)}m_{020}^{(00)}m_{111}^{(22)} \\
&-2m_{010}^{(20)}m_{020}^{(00)}m_{102}^{(21)} - 2m_{010}^{(20)}m_{020}^{(10)}m_{201}^{(22)} + 2m_{010}^{(20)}m_{020}^{(10)}m_{102}^{(20)} + 2m_{010}^{(20)}m_{020}^{(20)}m_{201}^{(21)} \\
&-4m_{010}^{(20)}m_{020}^{(20)}m_{111}^{(20)} + 2m_{010}^{(20)}m_{020}^{(20)}m_{102}^{(10)} + 2m_{010}^{(20)}m_{020}^{(21)}m_{201}^{(20)} - 2m_{010}^{(20)}m_{020}^{(21)}m_{102}^{(00)} \\
&-2m_{010}^{(20)}m_{020}^{(22)}m_{201}^{(10)} + 2m_{010}^{(20)}m_{020}^{(22)}m_{111}^{(00)} - 2m_{010}^{(20)}m_{011}^{(00)}m_{120}^{(22)} + 2m_{010}^{(20)}m_{011}^{(00)}m_{111}^{(21)} \\
&+2m_{010}^{(20)}m_{011}^{(10)}m_{210}^{(22)} - 2m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(20)} - 2m_{010}^{(20)}m_{011}^{(20)}m_{210}^{(21)} + 4m_{010}^{(20)}m_{011}^{(20)}m_{120}^{(20)} \\
&-2m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(10)} - 2m_{010}^{(20)}m_{011}^{(21)}m_{210}^{(20)} + 2m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(00)} + 2m_{010}^{(20)}m_{011}^{(22)}m_{210}^{(10)} \\
&-2m_{010}^{(20)}m_{011}^{(22)}m_{120}^{(00)} + 2m_{010}^{(21)}m_{200}^{(00)}m_{021}^{(22)} - 2m_{010}^{(21)}m_{200}^{(00)}m_{012}^{(21)} - 2m_{010}^{(21)}m_{200}^{(10)}m_{111}^{(22)} \\
&+2m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(20)} + 2m_{010}^{(21)}m_{200}^{(20)}m_{111}^{(21)} - 4m_{010}^{(21)}m_{200}^{(20)}m_{021}^{(20)} + 2m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(10)} \\
&+2m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(20)} - 2m_{010}^{(21)}m_{200}^{(21)}m_{012}^{(00)} - 2m_{010}^{(21)}m_{200}^{(22)}m_{111}^{(10)} + 2m_{010}^{(21)}m_{200}^{(22)}m_{021}^{(00)} \\
&-2m_{010}^{(21)}m_{110}^{(00)}m_{111}^{(22)} + 2m_{010}^{(21)}m_{110}^{(00)}m_{102}^{(21)} + 2m_{010}^{(21)}m_{110}^{(10)}m_{201}^{(22)} - 2m_{010}^{(21)}m_{110}^{(10)}m_{102}^{(20)} \\
&-2m_{010}^{(21)}m_{110}^{(20)}m_{201}^{(21)} + 4m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(20)} - 2m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(10)} - 2m_{010}^{(21)}m_{110}^{(21)}m_{201}^{(20)} \\
&+2m_{010}^{(21)}m_{110}^{(21)}m_{102}^{(00)} + 2m_{010}^{(21)}m_{110}^{(22)}m_{201}^{(10)} - 2m_{010}^{(21)}m_{110}^{(22)}m_{111}^{(00)} - 2m_{010}^{(21)}m_{101}^{(00)}m_{120}^{(22)} \\
&+2m_{010}^{(21)}m_{101}^{(00)}m_{111}^{(21)} + 2m_{010}^{(21)}m_{101}^{(10)}m_{210}^{(22)} - 2m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(20)} - 2m_{010}^{(21)}m_{101}^{(20)}m_{210}^{(21)} \\
&+4m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(20)} - 2m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(10)} - 2m_{010}^{(21)}m_{101}^{(21)}m_{210}^{(20)} + 2m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(00)}
\end{aligned}
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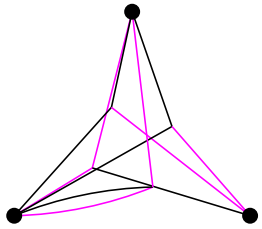
\begin{aligned}
&+2m_{010}^{(21)}m_{101}^{(22)}m_{210}^{(10)} - 2m_{010}^{(21)}m_{101}^{(22)}m_{120}^{(00)} + 2m_{010}^{(21)}m_{011}^{(00)}m_{210}^{(22)} - 2m_{010}^{(21)}m_{011}^{(00)}m_{201}^{(21)}\\
&-2m_{010}^{(21)}m_{011}^{(10)}m_{300}^{(22)} + 2m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(20)} + 2m_{010}^{(21)}m_{011}^{(20)}m_{300}^{(21)} - 4m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(20)}\\
&+2m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(10)} + 2m_{010}^{(21)}m_{011}^{(21)}m_{300}^{(20)} - 2m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(00)} - 2m_{010}^{(21)}m_{011}^{(22)}m_{300}^{(10)}\\
&+2m_{010}^{(21)}m_{011}^{(22)}m_{210}^{(00)} - m_{010}^{(22)}m_{200}^{(00)}m_{030}^{(22)} + m_{010}^{(22)}m_{200}^{(00)}m_{021}^{(21)} + m_{010}^{(22)}m_{200}^{(10)}m_{120}^{(22)}\\
&-m_{010}^{(22)}m_{200}^{(10)}m_{021}^{(20)} - m_{010}^{(22)}m_{200}^{(20)}m_{120}^{(21)} + 2m_{010}^{(22)}m_{200}^{(20)}m_{030}^{(20)} - m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(10)}\\
&-m_{010}^{(22)}m_{200}^{(21)}m_{120}^{(20)} + m_{010}^{(22)}m_{200}^{(21)}m_{021}^{(00)} + m_{010}^{(22)}m_{200}^{(22)}m_{120}^{(10)} - m_{010}^{(22)}m_{200}^{(22)}m_{030}^{(00)}\\
&+2m_{010}^{(22)}m_{110}^{(00)}m_{120}^{(22)} - 2m_{010}^{(22)}m_{110}^{(00)}m_{111}^{(21)} - 2m_{010}^{(22)}m_{110}^{(10)}m_{210}^{(22)} + 2m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(20)}\\
&+2m_{010}^{(22)}m_{110}^{(20)}m_{210}^{(21)} - 4m_{010}^{(22)}m_{110}^{(20)}m_{120}^{(20)} + 2m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(10)} + 2m_{010}^{(22)}m_{110}^{(21)}m_{210}^{(20)}\\
&-2m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(00)} - 2m_{010}^{(22)}m_{110}^{(22)}m_{210}^{(10)} + 2m_{010}^{(22)}m_{110}^{(22)}m_{120}^{(00)} - m_{010}^{(22)}m_{020}^{(00)}m_{210}^{(22)}\\
&+m_{010}^{(22)}m_{020}^{(00)}m_{201}^{(21)} + m_{010}^{(22)}m_{020}^{(10)}m_{300}^{(22)} - m_{010}^{(22)}m_{020}^{(10)}m_{201}^{(20)} - m_{010}^{(22)}m_{020}^{(20)}m_{300}^{(21)}\\
&+2m_{010}^{(22)}m_{020}^{(20)}m_{210}^{(20)} - m_{010}^{(22)}m_{020}^{(20)}m_{201}^{(10)} - m_{010}^{(22)}m_{020}^{(21)}m_{300}^{(20)} + m_{010}^{(22)}m_{020}^{(21)}m_{201}^{(00)}\\
&+m_{010}^{(22)}m_{020}^{(22)}m_{300}^{(10)} - m_{010}^{(22)}m_{020}^{(22)}m_{210}^{(00)} + m_{001}^{(00)}m_{020}^{(00)}m_{012}^{(21)} - m_{001}^{(00)}m_{020}^{(00)}m_{003}^{(11)}\\
&-m_{001}^{(00)}m_{020}^{(10)}m_{102}^{(21)} - m_{001}^{(00)}m_{020}^{(10)}m_{012}^{(20)} + 2m_{001}^{(00)}m_{020}^{(10)}m_{003}^{(10)} + m_{001}^{(00)}m_{020}^{(11)}m_{102}^{(20)}\\
&-m_{001}^{(00)}m_{020}^{(11)}m_{003}^{(00)} + m_{001}^{(00)}m_{020}^{(20)}m_{102}^{(11)} - m_{001}^{(00)}m_{020}^{(20)}m_{012}^{(10)} - m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(10)}\\
&+m_{001}^{(00)}m_{020}^{(21)}m_{012}^{(00)} - 2m_{001}^{(00)}m_{011}^{(00)}m_{021}^{(21)} + 2m_{001}^{(00)}m_{011}^{(00)}m_{012}^{(11)} + 2m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(21)}\\
&+2m_{001}^{(00)}m_{011}^{(10)}m_{021}^{(20)} - 4m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(10)} - 2m_{001}^{(00)}m_{011}^{(11)}m_{111}^{(20)} + 2m_{001}^{(00)}m_{011}^{(11)}m_{012}^{(00)}\\
&-2m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(11)} + 2m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(10)} + 2m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(10)} - 2m_{001}^{(00)}m_{011}^{(21)}m_{021}^{(00)}\\
&+m_{001}^{(00)}m_{002}^{(00)}m_{030}^{(21)} - m_{001}^{(00)}m_{002}^{(00)}m_{021}^{(11)} - m_{001}^{(00)}m_{002}^{(10)}m_{120}^{(21)} - m_{001}^{(00)}m_{002}^{(10)}m_{030}^{(20)}\\
&+2m_{001}^{(00)}m_{002}^{(10)}m_{021}^{(10)} + m_{001}^{(00)}m_{002}^{(11)}m_{120}^{(20)} - m_{001}^{(00)}m_{002}^{(11)}m_{021}^{(00)} + m_{001}^{(00)}m_{002}^{(20)}m_{120}^{(11)}\\
&-m_{001}^{(00)}m_{002}^{(20)}m_{030}^{(10)} - m_{001}^{(00)}m_{002}^{(21)}m_{120}^{(10)} + m_{001}^{(00)}m_{002}^{(21)}m_{030}^{(00)} - 2m_{001}^{(10)}m_{110}^{(00)}m_{012}^{(21)}\\
&+2m_{001}^{(10)}m_{110}^{(00)}m_{003}^{(11)} + 2m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(21)} + 2m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(20)} - 4m_{001}^{(10)}m_{110}^{(10)}m_{003}^{(10)}\\
&-2m_{001}^{(10)}m_{110}^{(11)}m_{102}^{(20)} + 2m_{001}^{(10)}m_{110}^{(11)}m_{003}^{(00)} - 2m_{001}^{(10)}m_{110}^{(20)}m_{102}^{(11)} + 2m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(10)}\\
&+2m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(10)} - 2m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(00)} + 2m_{001}^{(10)}m_{101}^{(00)}m_{021}^{(21)} - 2m_{001}^{(10)}m_{101}^{(00)}m_{012}^{(11)}\\
&-2m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(21)} - 2m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(20)} + 4m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(10)} + 2m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(20)}\\
&-2m_{001}^{(10)}m_{101}^{(11)}m_{012}^{(00)} + 2m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(11)} - 2m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(10)} - 2m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(10)}\\
&+2m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(00)} + 2m_{001}^{(10)}m_{011}^{(00)}m_{111}^{(21)} - 2m_{001}^{(10)}m_{011}^{(00)}m_{102}^{(11)} - 2m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(21)}\\
&-2m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(20)} + 4m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(10)} + 2m_{001}^{(10)}m_{011}^{(11)}m_{201}^{(20)} - 2m_{001}^{(10)}m_{011}^{(11)}m_{102}^{(00)}\\
&+2m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(11)} - 2m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(10)} - 2m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(10)} + 2m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(00)}\\
&-2m_{001}^{(10)}m_{002}^{(00)}m_{120}^{(21)} + 2m_{001}^{(10)}m_{002}^{(00)}m_{111}^{(11)} + 2m_{001}^{(10)}m_{002}^{(10)}m_{210}^{(21)} + 2m_{001}^{(10)}m_{002}^{(10)}m_{120}^{(20)}\\
&-4m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(10)} - 2m_{001}^{(10)}m_{002}^{(11)}m_{210}^{(20)} + 2m_{001}^{(10)}m_{002}^{(11)}m_{111}^{(00)} - 2m_{001}^{(10)}m_{002}^{(20)}m_{210}^{(11)}\\
&+2m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(10)} + 2m_{001}^{(10)}m_{002}^{(21)}m_{210}^{(10)} - 2m_{001}^{(10)}m_{002}^{(21)}m_{120}^{(00)} + m_{001}^{(11)}m_{200}^{(00)}m_{012}^{(21)}\\
&-m_{001}^{(11)}m_{200}^{(00)}m_{003}^{(11)} - m_{001}^{(11)}m_{200}^{(10)}m_{102}^{(21)} - m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(20)} + 2m_{001}^{(11)}m_{200}^{(10)}m_{003}^{(10)}\\
&+m_{001}^{(11)}m_{200}^{(11)}m_{102}^{(20)} - m_{001}^{(11)}m_{200}^{(11)}m_{003}^{(00)} + m_{001}^{(11)}m_{200}^{(20)}m_{102}^{(11)} - m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(10)}\\
&-m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(10)} + m_{001}^{(11)}m_{200}^{(21)}m_{012}^{(00)} - 2m_{001}^{(11)}m_{101}^{(00)}m_{111}^{(21)} + 2m_{001}^{(11)}m_{101}^{(00)}m_{102}^{(11)}\\
&+2m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(21)} + 2m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(20)} - 4m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(10)} - 2m_{001}^{(11)}m_{101}^{(11)}m_{201}^{(20)}\\
&+2m_{001}^{(11)}m_{101}^{(11)}m_{102}^{(00)} - 2m_{001}^{(11)}m_{101}^{(20)}m_{201}^{(11)} + 2m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(10)} + 2m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(10)}\\
&-2m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(00)} + m_{001}^{(11)}m_{002}^{(00)}m_{210}^{(21)} - m_{001}^{(11)}m_{002}^{(00)}m_{201}^{(11)} - m_{001}^{(11)}m_{002}^{(10)}m_{300}^{(21)}\\
&-m_{001}^{(11)}m_{002}^{(10)}m_{210}^{(20)} + 2m_{001}^{(11)}m_{002}^{(10)}m_{201}^{(10)} + m_{001}^{(11)}m_{002}^{(11)}m_{300}^{(20)} - m_{001}^{(11)}m_{002}^{(11)}m_{201}^{(00)}
\end{aligned}
$$

$$
\begin{aligned}
&+m_{001}^{(11)}m_{002}^{(20)}m_{300}^{(11)} - m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(10)} - m_{001}^{(11)}m_{002}^{(21)}m_{300}^{(10)} + m_{001}^{(11)}m_{002}^{(21)}m_{210}^{(00)} \\
&+2m_{001}^{(20)}m_{110}^{(00)}m_{021}^{(21)} - 2m_{001}^{(20)}m_{110}^{(00)}m_{012}^{(11)} - 2m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(21)} - 2m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(20)} \\
&+4m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(10)} + 2m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(20)} - 2m_{001}^{(20)}m_{110}^{(11)}m_{012}^{(00)} + 2m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(11)} \\
&-2m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(10)} - 2m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(10)} + 2m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(00)} - 2m_{001}^{(20)}m_{101}^{(00)}m_{030}^{(21)} \\
&+2m_{001}^{(20)}m_{101}^{(00)}m_{021}^{(11)} + 2m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(21)} + 2m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(20)} - 4m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(10)} \\
&-2m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(20)} + 2m_{001}^{(20)}m_{101}^{(11)}m_{021}^{(00)} - 2m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(11)} + 2m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(10)} \\
&+2m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(10)} - 2m_{001}^{(20)}m_{101}^{(21)}m_{030}^{(00)} - 2m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(21)} + 2m_{001}^{(20)}m_{020}^{(00)}m_{102}^{(11)} \\
&+2m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(21)} + 2m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(20)} - 4m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(10)} - 2m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(20)} \\
&+2m_{001}^{(20)}m_{020}^{(11)}m_{102}^{(00)} - 2m_{001}^{(20)}m_{020}^{(20)}m_{201}^{(11)} + 2m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(10)} + 2m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(10)} \\
&-2m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(00)} + 2m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(21)} - 2m_{001}^{(20)}m_{011}^{(00)}m_{111}^{(11)} - 2m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(21)} \\
&-2m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(20)} + 4m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(10)} + 2m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(20)} - 2m_{001}^{(20)}m_{011}^{(11)}m_{111}^{(00)} \\
&+2m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(11)} - 2m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(10)} - 2m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(10)} + 2m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(00)} \\
&-2m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(21)} + 2m_{001}^{(21)}m_{200}^{(00)}m_{012}^{(11)} + 2m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(21)} + 2m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(20)} \\
&-4m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(10)} - 2m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(20)} + 2m_{001}^{(21)}m_{200}^{(11)}m_{012}^{(00)} - 2m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(11)} \\
&+2m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(10)} + 2m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(10)} - 2m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(00)} + 2m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(21)} \\
&-2m_{001}^{(21)}m_{110}^{(00)}m_{102}^{(11)} - 2m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(21)} - 2m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(20)} + 4m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(10)} \\
&+2m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(20)} - 2m_{001}^{(21)}m_{110}^{(11)}m_{102}^{(00)} + 2m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(11)} - 2m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(10)} \\
&-2m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(10)} + 2m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(00)} + 2m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(21)} - 2m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(11)} \\
&-2m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(21)} - 2m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(20)} + 4m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(10)} + 2m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(20)} \\
&-2m_{001}^{(21)}m_{101}^{(11)}m_{111}^{(00)} + 2m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(11)} - 2m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(10)} - 2m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(10)} \\
&+2m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(00)} - 2m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(21)} + 2m_{001}^{(21)}m_{011}^{(00)}m_{201}^{(11)} + 2m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(21)} \\
&+2m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(20)} - 4m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(10)} - 2m_{001}^{(21)}m_{011}^{(11)}m_{300}^{(20)} + 2m_{001}^{(21)}m_{011}^{(11)}m_{201}^{(00)} \\
&-2m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(11)} + 2m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(10)} + 2m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(10)} - 2m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(00)} \\
&+m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(21)} - m_{001}^{(22)}m_{200}^{(00)}m_{021}^{(11)} - m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(21)} - m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(20)} \\
&+2m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(10)} + m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(20)} - m_{001}^{(22)}m_{200}^{(11)}m_{021}^{(00)} + m_{001}^{(22)}m_{200}^{(20)}m_{120}^{(11)} \\
&-m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(10)} - m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(10)} + m_{001}^{(22)}m_{200}^{(21)}m_{030}^{(00)} - 2m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(21)} \\
&+2m_{001}^{(22)}m_{110}^{(00)}m_{111}^{(11)} + 2m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(21)} + 2m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(20)} - 4m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(10)} \\
&-2m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(20)} + 2m_{001}^{(22)}m_{110}^{(11)}m_{111}^{(00)} - 2m_{001}^{(22)}m_{110}^{(20)}m_{111}^{(11)} + 2m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(10)} \\
&+2m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(10)} - 2m_{001}^{(22)}m_{110}^{(21)}m_{120}^{(00)} + m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(21)} - m_{001}^{(22)}m_{020}^{(00)}m_{201}^{(11)} \\
&-m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(21)} - m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(20)} + 2m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(10)} + m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(20)} \\
&-m_{001}^{(22)}m_{020}^{(11)}m_{201}^{(00)} + m_{001}^{(22)}m_{020}^{(20)}m_{300}^{(11)} - m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(10)} - m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(10)} \\
&+m_{001}^{(22)}m_{020}^{(21)}m_{210}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & 1 & 1 & V1 \\
1 & 2 & 2 & V2 \\
V2 & V3 & V3 & 3
\end{array}
$$



$$
\begin{aligned}
T_{72} \;=\;& m_{100}^{(00)} m_{020}^{(10)} m_{012}^{(22)} - m_{100}^{(00)} m_{020}^{(10)} m_{003}^{(21)} - m_{100}^{(00)} m_{020}^{(11)} m_{102}^{(22)} + m_{100}^{(00)} m_{020}^{(11)} m_{003}^{(20)} \\
& - m_{100}^{(00)} m_{020}^{(20)} m_{021}^{(22)} + m_{100}^{(00)} m_{020}^{(20)} m_{012}^{(21)} + m_{100}^{(00)} m_{020}^{(21)} m_{111}^{(22)} + m_{100}^{(00)} m_{020}^{(21)} m_{102}^{(21)} \\
& - 2m_{100}^{(00)} m_{020}^{(21)} m_{012}^{(20)} - m_{100}^{(00)} m_{020}^{(22)} m_{111}^{(21)} + m_{100}^{(00)} m_{020}^{(22)} m_{021}^{(20)} - m_{100}^{(00)} m_{011}^{(10)} m_{021}^{(22)} \\
& + m_{100}^{(00)} m_{011}^{(10)} m_{003}^{(11)} + m_{100}^{(00)} m_{011}^{(11)} m_{111}^{(22)} + m_{100}^{(00)} m_{011}^{(11)} m_{102}^{(21)} - m_{100}^{(00)} m_{011}^{(11)} m_{012}^{(20)} \\
& - m_{100}^{(00)} m_{011}^{(11)} m_{003}^{(10)} + m_{100}^{(00)} m_{011}^{(20)} m_{030}^{(22)} - m_{100}^{(00)} m_{011}^{(20)} m_{012}^{(11)} - m_{100}^{(00)} m_{011}^{(21)} m_{120}^{(22)} \\
& - 2m_{100}^{(00)} m_{011}^{(21)} m_{111}^{(21)} - m_{100}^{(00)} m_{011}^{(21)} m_{102}^{(11)} + 2m_{100}^{(00)} m_{011}^{(21)} m_{021}^{(20)} + 2m_{100}^{(00)} m_{011}^{(21)} m_{012}^{(10)} \\
& + m_{100}^{(00)} m_{011}^{(22)} m_{120}^{(21)} + m_{100}^{(00)} m_{011}^{(22)} m_{111}^{(11)} - m_{100}^{(00)} m_{011}^{(22)} m_{030}^{(20)} - m_{100}^{(00)} m_{011}^{(22)} m_{021}^{(10)} \\
& + m_{100}^{(00)} m_{002}^{(10)} m_{021}^{(21)} - m_{100}^{(00)} m_{002}^{(10)} m_{012}^{(11)} - m_{100}^{(00)} m_{002}^{(11)} m_{111}^{(21)} + m_{100}^{(00)} m_{002}^{(11)} m_{012}^{(10)} \\
& - m_{100}^{(00)} m_{002}^{(20)} m_{030}^{(21)} + m_{100}^{(00)} m_{002}^{(20)} m_{021}^{(11)} + m_{100}^{(00)} m_{002}^{(21)} m_{120}^{(21)} + m_{100}^{(00)} m_{002}^{(21)} m_{111}^{(11)} \\
& - 2m_{100}^{(00)} m_{002}^{(21)} m_{021}^{(10)} - m_{100}^{(00)} m_{002}^{(22)} m_{120}^{(11)} + m_{100}^{(00)} m_{002}^{(22)} m_{030}^{(10)} - m_{100}^{(10)} m_{110}^{(10)} m_{012}^{(22)} \\
& + m_{100}^{(10)} m_{110}^{(10)} m_{003}^{(21)} + m_{100}^{(10)} m_{110}^{(11)} m_{102}^{(22)} - m_{100}^{(10)} m_{110}^{(11)} m_{003}^{(20)} + m_{100}^{(10)} m_{110}^{(20)} m_{021}^{(22)} \\
& - m_{100}^{(10)} m_{110}^{(20)} m_{012}^{(21)} - m_{100}^{(10)} m_{110}^{(21)} m_{111}^{(22)} - m_{100}^{(10)} m_{110}^{(21)} m_{102}^{(21)} + 2m_{100}^{(10)} m_{110}^{(21)} m_{012}^{(20)} \\
& + m_{100}^{(10)} m_{110}^{(22)} m_{111}^{(21)} - m_{100}^{(10)} m_{110}^{(22)} m_{021}^{(20)} + m_{100}^{(10)} m_{101}^{(10)} m_{021}^{(22)} - m_{100}^{(10)} m_{101}^{(10)} m_{012}^{(21)} \\
& - m_{100}^{(10)} m_{101}^{(11)} m_{111}^{(22)} + m_{100}^{(10)} m_{101}^{(11)} m_{012}^{(20)} - m_{100}^{(10)} m_{101}^{(20)} m_{030}^{(22)} + m_{100}^{(10)} m_{101}^{(20)} m_{021}^{(21)} \\
& + m_{100}^{(10)} m_{101}^{(21)} m_{120}^{(22)} + m_{100}^{(10)} m_{101}^{(21)} m_{111}^{(21)} - 2m_{100}^{(10)} m_{101}^{(21)} m_{021}^{(20)} - m_{100}^{(10)} m_{101}^{(22)} m_{120}^{(21)} \\
& + m_{100}^{(10)} m_{101}^{(22)} m_{030}^{(20)} - m_{100}^{(10)} m_{020}^{(00)} m_{012}^{(22)} + m_{100}^{(10)} m_{020}^{(00)} m_{003}^{(21)} + m_{100}^{(10)} m_{020}^{(10)} m_{102}^{(22)} \\
& - m_{100}^{(10)} m_{020}^{(10)} m_{003}^{(20)} + m_{100}^{(10)} m_{020}^{(20)} m_{111}^{(22)} - 2m_{100}^{(10)} m_{020}^{(20)} m_{102}^{(21)} + m_{100}^{(10)} m_{020}^{(20)} m_{012}^{(20)} \\
& - m_{100}^{(10)} m_{020}^{(21)} m_{201}^{(22)} + m_{100}^{(10)} m_{020}^{(21)} m_{102}^{(20)} + m_{100}^{(10)} m_{020}^{(22)} m_{201}^{(21)} - m_{100}^{(10)} m_{020}^{(22)} m_{111}^{(20)} \\
& + m_{100}^{(10)} m_{011}^{(00)} m_{021}^{(22)} - m_{100}^{(10)} m_{011}^{(00)} m_{003}^{(11)} - m_{100}^{(10)} m_{011}^{(10)} m_{111}^{(22)} - m_{100}^{(10)} m_{011}^{(10)} m_{102}^{(21)} \\
& + 2m_{100}^{(10)} m_{011}^{(10)} m_{012}^{(20)} - m_{100}^{(10)} m_{011}^{(11)} m_{102}^{(20)} + m_{100}^{(10)} m_{011}^{(11)} m_{003}^{(00)} - m_{100}^{(10)} m_{011}^{(20)} m_{012}^{(22)} \\
& + m_{100}^{(10)} m_{011}^{(20)} m_{111}^{(21)} + 2m_{100}^{(10)} m_{011}^{(20)} m_{102}^{(11)} - 2m_{100}^{(10)} m_{011}^{(20)} m_{021}^{(20)} + m_{100}^{(10)} m_{011}^{(21)} m_{210}^{(22)} \\
& + m_{100}^{(10)} m_{011}^{(21)} m_{201}^{(21)} - 2m_{100}^{(10)} m_{011}^{(21)} m_{012}^{(00)} - m_{100}^{(10)} m_{011}^{(22)} m_{210}^{(21)} - m_{100}^{(10)} m_{011}^{(22)} m_{201}^{(11)} \\
& + m_{100}^{(10)} m_{011}^{(22)} m_{120}^{(20)} + m_{100}^{(10)} m_{011}^{(22)} m_{021}^{(00)} - m_{100}^{(10)} m_{002}^{(00)} m_{021}^{(21)} + m_{100}^{(10)} m_{002}^{(00)} m_{012}^{(11)} \\
& + m_{100}^{(10)} m_{002}^{(10)} m_{111}^{(21)} - m_{100}^{(10)} m_{002}^{(10)} m_{021}^{(20)} + m_{100}^{(10)} m_{002}^{(11)} m_{111}^{(20)} - m_{100}^{(10)} m_{002}^{(11)} m_{012}^{(00)} \\
& + m_{100}^{(10)} m_{002}^{(20)} m_{120}^{(21)} - 2m_{100}^{(10)} m_{002}^{(20)} m_{111}^{(11)} + m_{100}^{(10)} m_{002}^{(20)} m_{030}^{(20)} - m_{100}^{(10)} m_{002}^{(20)} m_{021}^{(21)} \\
& - m_{100}^{(10)} m_{002}^{(21)} m_{120}^{(20)} + 2m_{100}^{(10)} m_{002}^{(21)} m_{021}^{(00)} + m_{100}^{(10)} m_{002}^{(22)} m_{210}^{(11)} - m_{100}^{(10)} m_{002}^{(22)} m_{030}^{(00)} \\
& + m_{100}^{(11)} m_{110}^{(00)} m_{012}^{(22)} - m_{100}^{(11)} m_{110}^{(00)} m_{003}^{(21)} - m_{100}^{(11)} m_{110}^{(10)} m_{102}^{(22)} + m_{100}^{(11)} m_{110}^{(10)} m_{003}^{(20)} \\
& - m_{100}^{(11)} m_{110}^{(20)} m_{111}^{(22)} + 2m_{100}^{(11)} m_{110}^{(20)} m_{102}^{(21)} - m_{100}^{(11)} m_{110}^{(20)} m_{012}^{(20)} + m_{100}^{(11)} m_{110}^{(21)} m_{201}^{(22)} \\
& - m_{100}^{(11)} m_{110}^{(21)} m_{102}^{(20)} - m_{100}^{(11)} m_{110}^{(22)} m_{201}^{(21)} + m_{100}^{(11)} m_{110}^{(22)} m_{111}^{(20)} - m_{100}^{(11)} m_{101}^{(00)} m_{021}^{(22)} \\
& + m_{100}^{(11)} m_{101}^{(00)} m_{012}^{(21)} + m_{100}^{(11)} m_{101}^{(10)} m_{111}^{(22)} - m_{100}^{(11)} m_{101}^{(10)} m_{012}^{(20)} + m_{100}^{(11)} m_{101}^{(20)} m_{120}^{(22)} \\
& - 2m_{100}^{(11)} m_{101}^{(20)} m_{111}^{(21)} + m_{100}^{(11)} m_{101}^{(20)} m_{021}^{(20)} - m_{100}^{(11)} m_{101}^{(21)} m_{210}^{(22)} + m_{100}^{(11)} m_{101}^{(21)} m_{111}^{(20)} \\
& + m_{100}^{(11)} m_{101}^{(22)} m_{210}^{(21)} - m_{100}^{(11)} m_{101}^{(22)} m_{120}^{(20)} - m_{100}^{(11)} m_{011}^{(00)} m_{012}^{(20)} + m_{100}^{(11)} m_{011}^{(00)} m_{003}^{(10)} \\
& + m_{100}^{(11)} m_{011}^{(10)} m_{102}^{(20)} - m_{100}^{(11)} m_{011}^{(10)} m_{003}^{(00)} + m_{100}^{(11)} m_{011}^{(20)} m_{111}^{(20)} - 2m_{100}^{(11)} m_{011}^{(20)} m_{102}^{(10)} \\
& + m_{100}^{(11)} m_{011}^{(20)} m_{012}^{(00)} - m_{100}^{(11)} m_{011}^{(21)} m_{201}^{(20)} + m_{100}^{(11)} m_{011}^{(21)} m_{102}^{(00)} + m_{100}^{(11)} m_{011}^{(22)} m_{201}^{(10)} \\
& - m_{100}^{(11)} m_{011}^{(22)} m_{111}^{(00)} + m_{100}^{(11)} m_{002}^{(00)} m_{021}^{(20)} - m_{100}^{(11)} m_{002}^{(00)} m_{012}^{(10)} - m_{100}^{(11)} m_{002}^{(10)} m_{111}^{(20)} \\
& + m_{100}^{(11)} m_{002}^{(10)} m_{012}^{(00)} - m_{100}^{(11)} m_{002}^{(20)} m_{120}^{(20)} + 2m_{100}^{(11)} m_{002}^{(20)} m_{111}^{(10)} - m_{100}^{(11)} m_{002}^{(20)} m_{021}^{(00)} \\
& + m_{100}^{(11)} m_{002}^{(21)} m_{210}^{(20)} - m_{100}^{(11)} m_{002}^{(21)} m_{111}^{(00)} - m_{100}^{(11)} m_{002}^{(22)} m_{210}^{(10)} + m_{100}^{(11)} m_{002}^{(22)} m_{120}^{(00)} \\
& + m_{100}^{(20)} m_{110}^{(10)} m_{012}^{(21)} - m_{100}^{(20)} m_{110}^{(10)} m_{003}^{(11)} - m_{100}^{(20)} m_{110}^{(11)} m_{102}^{(21)} + m_{100}^{(20)} m_{110}^{(11)} m_{003}^{(10)}
\end{aligned}
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\begin{aligned}
&-m_{100}^{(20)}m_{110}^{(20)}m_{021}^{(21)}+m_{100}^{(20)}m_{110}^{(20)}m_{012}^{(11)}+m_{100}^{(20)}m_{110}^{(21)}m_{111}^{(21)}+m_{100}^{(20)}m_{110}^{(21)}m_{102}^{(11)}\\
&-2m_{100}^{(20)}m_{110}^{(21)}m_{012}^{(10)}-m_{100}^{(20)}m_{110}^{(22)}m_{111}^{(11)}+m_{100}^{(20)}m_{110}^{(22)}m_{021}^{(10)}-m_{100}^{(20)}m_{101}^{(10)}m_{021}^{(21)}\\
&+m_{100}^{(20)}m_{101}^{(10)}m_{012}^{(11)}+m_{100}^{(20)}m_{101}^{(11)}m_{111}^{(21)}-m_{100}^{(20)}m_{101}^{(11)}m_{012}^{(10)}+m_{100}^{(20)}m_{101}^{(20)}m_{030}^{(21)}\\
&-m_{100}^{(20)}m_{101}^{(20)}m_{021}^{(11)}-m_{100}^{(20)}m_{101}^{(21)}m_{120}^{(21)}-m_{100}^{(20)}m_{101}^{(21)}m_{111}^{(11)}+2m_{100}^{(20)}m_{101}^{(21)}m_{021}^{(10)}\\
&+m_{100}^{(20)}m_{101}^{(22)}m_{120}^{(11)}-m_{100}^{(20)}m_{101}^{(22)}m_{030}^{(10)}+m_{100}^{(20)}m_{020}^{(00)}m_{021}^{(22)}-m_{100}^{(20)}m_{020}^{(00)}m_{012}^{(21)}\\
&-2m_{100}^{(20)}m_{020}^{(10)}m_{111}^{(22)}+m_{100}^{(20)}m_{020}^{(10)}m_{102}^{(21)}+m_{100}^{(20)}m_{020}^{(10)}m_{003}^{(10)}+m_{100}^{(20)}m_{020}^{(11)}m_{201}^{(22)}\\
&-m_{100}^{(20)}m_{020}^{(11)}m_{003}^{(00)}+m_{100}^{(20)}m_{020}^{(20)}m_{111}^{(21)}-m_{100}^{(20)}m_{020}^{(10)}m_{012}^{(10)}-m_{100}^{(20)}m_{020}^{(20)}m_{201}^{(21)}\\
&-m_{100}^{(20)}m_{020}^{(21)}m_{102}^{(10)}+2m_{100}^{(20)}m_{020}^{(21)}m_{012}^{(00)}+m_{100}^{(20)}m_{020}^{(22)}m_{111}^{(10)}-m_{100}^{(20)}m_{020}^{(22)}m_{021}^{(00)}\\
&-m_{100}^{(20)}m_{011}^{(00)}m_{030}^{(22)}+m_{100}^{(20)}m_{011}^{(00)}m_{012}^{(11)}+2m_{100}^{(20)}m_{011}^{(10)}m_{120}^{(22)}+m_{100}^{(20)}m_{011}^{(10)}m_{111}^{(21)}\\
&-m_{100}^{(20)}m_{011}^{(10)}m_{102}^{(11)}-2m_{100}^{(20)}m_{011}^{(10)}m_{012}^{(10)}-m_{100}^{(20)}m_{011}^{(11)}m_{210}^{(22)}-m_{100}^{(20)}m_{011}^{(11)}m_{201}^{(21)}\\
&+m_{100}^{(20)}m_{011}^{(11)}m_{102}^{(10)}+m_{100}^{(20)}m_{011}^{(11)}m_{012}^{(00)}-m_{100}^{(20)}m_{011}^{(20)}m_{120}^{(21)}-m_{100}^{(20)}m_{011}^{(20)}m_{111}^{(11)}\\
&+2m_{100}^{(20)}m_{011}^{(20)}m_{021}^{(10)}+m_{100}^{(20)}m_{011}^{(21)}m_{210}^{(21)}+m_{100}^{(20)}m_{011}^{(21)}m_{201}^{(11)}-2m_{100}^{(20)}m_{011}^{(21)}m_{021}^{(00)}\\
&-m_{100}^{(20)}m_{011}^{(22)}m_{120}^{(10)}+m_{100}^{(20)}m_{011}^{(22)}m_{030}^{(00)}+m_{100}^{(20)}m_{002}^{(00)}m_{030}^{(21)}-m_{100}^{(20)}m_{002}^{(00)}m_{021}^{(11)}\\
&-2m_{100}^{(20)}m_{002}^{(10)}m_{120}^{(21)}+m_{100}^{(20)}m_{002}^{(10)}m_{111}^{(11)}+m_{100}^{(20)}m_{002}^{(10)}m_{021}^{(10)}+m_{100}^{(20)}m_{002}^{(11)}m_{210}^{(21)}\\
&-m_{100}^{(20)}m_{002}^{(11)}m_{111}^{(10)}+m_{100}^{(20)}m_{002}^{(20)}m_{120}^{(11)}-m_{100}^{(20)}m_{002}^{(20)}m_{030}^{(10)}-m_{100}^{(20)}m_{002}^{(21)}m_{210}^{(11)}\\
&+m_{100}^{(20)}m_{002}^{(21)}m_{120}^{(10)}-m_{100}^{(21)}m_{110}^{(00)}m_{021}^{(22)}+m_{100}^{(21)}m_{110}^{(00)}m_{003}^{(11)}+2m_{100}^{(21)}m_{110}^{(10)}m_{111}^{(22)}\\
&-m_{100}^{(21)}m_{110}^{(10)}m_{012}^{(20)}-m_{100}^{(21)}m_{110}^{(10)}m_{003}^{(10)}-m_{100}^{(21)}m_{110}^{(11)}m_{201}^{(22)}+m_{100}^{(21)}m_{110}^{(11)}m_{102}^{(20)}\\
&-2m_{100}^{(21)}m_{110}^{(20)}m_{102}^{(11)}+m_{100}^{(21)}m_{110}^{(20)}m_{021}^{(20)}+m_{100}^{(21)}m_{110}^{(20)}m_{012}^{(10)}-m_{100}^{(21)}m_{110}^{(21)}m_{111}^{(20)}\\
&+m_{100}^{(21)}m_{110}^{(21)}m_{102}^{(10)}+m_{100}^{(21)}m_{110}^{(22)}m_{201}^{(11)}-m_{100}^{(21)}m_{110}^{(22)}m_{111}^{(10)}+m_{100}^{(21)}m_{101}^{(00)}m_{030}^{(22)}\\
&-m_{100}^{(21)}m_{101}^{(00)}m_{012}^{(11)}-2m_{100}^{(21)}m_{101}^{(10)}m_{120}^{(22)}+m_{100}^{(21)}m_{101}^{(10)}m_{021}^{(20)}+m_{100}^{(21)}m_{101}^{(10)}m_{012}^{(10)}\\
&+m_{100}^{(21)}m_{101}^{(11)}m_{210}^{(22)}-m_{100}^{(21)}m_{101}^{(11)}m_{120}^{(20)}+2m_{100}^{(21)}m_{101}^{(20)}m_{111}^{(11)}-m_{100}^{(21)}m_{101}^{(20)}m_{030}^{(20)}\\
&-m_{100}^{(21)}m_{101}^{(20)}m_{021}^{(10)}+m_{100}^{(21)}m_{101}^{(21)}m_{120}^{(20)}-m_{100}^{(21)}m_{101}^{(21)}m_{111}^{(10)}-m_{100}^{(21)}m_{101}^{(22)}m_{210}^{(11)}\\
&+m_{100}^{(21)}m_{101}^{(22)}m_{120}^{(10)}+m_{100}^{(21)}m_{020}^{(00)}m_{012}^{(20)}-m_{100}^{(21)}m_{020}^{(00)}m_{003}^{(10)}-m_{100}^{(21)}m_{020}^{(10)}m_{102}^{(20)}\\
&+m_{100}^{(21)}m_{020}^{(10)}m_{003}^{(00)}-m_{100}^{(21)}m_{020}^{(20)}m_{111}^{(20)}+2m_{100}^{(21)}m_{020}^{(20)}m_{102}^{(10)}-m_{100}^{(21)}m_{020}^{(20)}m_{012}^{(00)}\\
&+m_{100}^{(21)}m_{020}^{(21)}m_{201}^{(20)}-m_{100}^{(21)}m_{020}^{(21)}m_{102}^{(00)}-m_{100}^{(21)}m_{020}^{(22)}m_{201}^{(10)}+m_{100}^{(21)}m_{020}^{(22)}m_{111}^{(00)}\\
&-m_{100}^{(21)}m_{011}^{(10)}m_{111}^{(20)}+m_{100}^{(21)}m_{011}^{(10)}m_{102}^{(10)}+m_{100}^{(21)}m_{011}^{(11)}m_{201}^{(20)}-m_{100}^{(21)}m_{011}^{(11)}m_{102}^{(00)}\\
&+m_{100}^{(21)}m_{011}^{(20)}m_{120}^{(11)}-m_{100}^{(21)}m_{011}^{(20)}m_{111}^{(10)}-m_{100}^{(21)}m_{011}^{(21)}m_{210}^{(20)}-m_{100}^{(21)}m_{011}^{(21)}m_{201}^{(10)}\\
&+2m_{100}^{(21)}m_{011}^{(21)}m_{111}^{(00)}+m_{100}^{(21)}m_{011}^{(22)}m_{210}^{(10)}-m_{100}^{(21)}m_{011}^{(22)}m_{120}^{(00)}-m_{100}^{(21)}m_{002}^{(00)}m_{030}^{(20)}\\
&+m_{100}^{(21)}m_{002}^{(00)}m_{021}^{(10)}+2m_{100}^{(21)}m_{002}^{(10)}m_{120}^{(20)}-m_{100}^{(21)}m_{002}^{(10)}m_{111}^{(10)}-m_{100}^{(21)}m_{002}^{(10)}m_{021}^{(00)}\\
&-m_{100}^{(21)}m_{002}^{(11)}m_{210}^{(20)}+m_{100}^{(21)}m_{002}^{(11)}m_{120}^{(00)}+m_{100}^{(21)}m_{002}^{(20)}m_{030}^{(10)}-m_{100}^{(21)}m_{002}^{(20)}m_{021}^{(00)}\\
&+m_{100}^{(21)}m_{002}^{(21)}m_{210}^{(10)}-m_{100}^{(21)}m_{002}^{(21)}m_{120}^{(00)}+m_{100}^{(22)}m_{110}^{(00)}m_{021}^{(21)}-m_{100}^{(22)}m_{110}^{(00)}m_{012}^{(11)}\\
&-2m_{100}^{(22)}m_{110}^{(10)}m_{111}^{(21)}+m_{100}^{(22)}m_{110}^{(10)}m_{102}^{(11)}+m_{100}^{(22)}m_{110}^{(10)}m_{012}^{(10)}+m_{100}^{(22)}m_{110}^{(11)}m_{201}^{(21)}\\
&-m_{100}^{(22)}m_{110}^{(11)}m_{102}^{(10)}+m_{100}^{(22)}m_{110}^{(20)}m_{111}^{(11)}-m_{100}^{(22)}m_{110}^{(20)}m_{021}^{(10)}-m_{100}^{(22)}m_{110}^{(21)}m_{201}^{(11)}\\
&+m_{100}^{(22)}m_{110}^{(21)}m_{111}^{(10)}-m_{100}^{(22)}m_{101}^{(00)}m_{030}^{(21)}+m_{100}^{(22)}m_{101}^{(00)}m_{021}^{(11)}+2m_{100}^{(22)}m_{101}^{(10)}m_{120}^{(21)}\\
&-m_{100}^{(22)}m_{101}^{(10)}m_{111}^{(11)}-m_{100}^{(22)}m_{101}^{(10)}m_{021}^{(10)}-m_{100}^{(22)}m_{101}^{(11)}m_{210}^{(21)}+m_{100}^{(22)}m_{101}^{(11)}m_{111}^{(10)}\\
&-m_{100}^{(22)}m_{101}^{(20)}m_{120}^{(11)}+m_{100}^{(22)}m_{101}^{(20)}m_{030}^{(10)}+m_{100}^{(22)}m_{101}^{(21)}m_{210}^{(10)}-m_{100}^{(22)}m_{101}^{(21)}m_{120}^{(10)}\\
&-m_{100}^{(22)}m_{020}^{(00)}m_{021}^{(20)}+m_{100}^{(22)}m_{020}^{(00)}m_{012}^{(10)}+2m_{100}^{(22)}m_{020}^{(10)}m_{111}^{(20)}-m_{100}^{(22)}m_{020}^{(10)}m_{102}^{(10)}\\
&-m_{100}^{(22)}m_{020}^{(10)}m_{012}^{(00)}-m_{100}^{(22)}m_{020}^{(11)}m_{201}^{(20)}+m_{100}^{(22)}m_{020}^{(11)}m_{102}^{(00)}-m_{100}^{(22)}m_{020}^{(20)}m_{111}^{(10)}
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\begin{aligned}
&+m_{100}^{(22)}m_{020}^{(20)}m_{021}^{(00)}+m_{100}^{(22)}m_{020}^{(21)}m_{201}^{(10)}-m_{100}^{(22)}m_{020}^{(21)}m_{111}^{(00)}+m_{100}^{(22)}m_{011}^{(00)}m_{030}^{(20)}\\
&-m_{100}^{(22)}m_{011}^{(00)}m_{021}^{(10)}-2m_{100}^{(22)}m_{011}^{(10)}m_{120}^{(20)}+m_{100}^{(22)}m_{011}^{(10)}m_{111}^{(10)}+m_{100}^{(22)}m_{011}^{(10)}m_{021}^{(00)}\\
&+m_{100}^{(22)}m_{011}^{(11)}m_{210}^{(20)}-m_{100}^{(22)}m_{011}^{(11)}m_{111}^{(00)}+m_{100}^{(22)}m_{011}^{(20)}m_{120}^{(10)}-m_{100}^{(22)}m_{011}^{(20)}m_{030}^{(00)}\\
&-m_{100}^{(22)}m_{011}^{(21)}m_{210}^{(10)}+m_{100}^{(22)}m_{011}^{(21)}m_{120}^{(00)}-m_{010}^{(00)}m_{110}^{(10)}m_{012}^{(22)}+m_{010}^{(00)}m_{110}^{(10)}m_{003}^{(21)}\\
&+m_{010}^{(00)}m_{110}^{(11)}m_{102}^{(22)}-m_{010}^{(00)}m_{110}^{(11)}m_{003}^{(20)}+m_{010}^{(00)}m_{110}^{(20)}m_{021}^{(22)}-m_{010}^{(00)}m_{110}^{(20)}m_{012}^{(21)}\\
&-m_{010}^{(00)}m_{110}^{(21)}m_{111}^{(22)}-m_{010}^{(00)}m_{110}^{(21)}m_{102}^{(21)}+2m_{010}^{(00)}m_{110}^{(21)}m_{012}^{(20)}+m_{010}^{(00)}m_{110}^{(22)}m_{111}^{(21)}\\
&-m_{010}^{(00)}m_{110}^{(22)}m_{021}^{(20)}+m_{010}^{(00)}m_{101}^{(10)}m_{012}^{(21)}-m_{010}^{(00)}m_{101}^{(10)}m_{003}^{(11)}-m_{010}^{(00)}m_{101}^{(11)}m_{102}^{(21)}\\
&+m_{010}^{(00)}m_{101}^{(11)}m_{003}^{(10)}-m_{010}^{(00)}m_{101}^{(20)}m_{021}^{(21)}+m_{010}^{(00)}m_{101}^{(20)}m_{012}^{(11)}+m_{010}^{(00)}m_{101}^{(21)}m_{111}^{(21)}\\
&+m_{010}^{(00)}m_{101}^{(21)}m_{102}^{(11)}-2m_{010}^{(00)}m_{101}^{(21)}m_{012}^{(10)}-m_{010}^{(00)}m_{101}^{(22)}m_{111}^{(11)}+m_{010}^{(00)}m_{101}^{(22)}m_{021}^{(10)}\\
&+m_{010}^{(00)}m_{011}^{(10)}m_{111}^{(22)}-m_{010}^{(00)}m_{011}^{(10)}m_{102}^{(21)}-m_{010}^{(00)}m_{011}^{(11)}m_{201}^{(22)}+m_{010}^{(00)}m_{011}^{(11)}m_{102}^{(20)}\\
&-m_{010}^{(00)}m_{011}^{(20)}m_{120}^{(22)}+m_{010}^{(00)}m_{011}^{(20)}m_{111}^{(21)}+m_{010}^{(00)}m_{011}^{(21)}m_{210}^{(22)}+m_{010}^{(00)}m_{011}^{(21)}m_{201}^{(21)}\\
&-2m_{010}^{(00)}m_{011}^{(21)}m_{111}^{(20)}-m_{010}^{(00)}m_{011}^{(22)}m_{210}^{(21)}+m_{010}^{(00)}m_{011}^{(22)}m_{120}^{(20)}-m_{010}^{(00)}m_{002}^{(10)}m_{111}^{(21)}\\
&+m_{010}^{(00)}m_{002}^{(10)}m_{102}^{(11)}+m_{010}^{(00)}m_{002}^{(11)}m_{201}^{(21)}-m_{010}^{(00)}m_{002}^{(11)}m_{102}^{(10)}+m_{010}^{(00)}m_{002}^{(20)}m_{120}^{(21)}\\
&-m_{010}^{(00)}m_{002}^{(20)}m_{111}^{(11)}-m_{010}^{(00)}m_{002}^{(21)}m_{210}^{(21)}-m_{010}^{(00)}m_{002}^{(21)}m_{201}^{(11)}+2m_{010}^{(00)}m_{002}^{(21)}m_{111}^{(10)}\\
&+m_{010}^{(00)}m_{002}^{(22)}m_{210}^{(11)}-m_{010}^{(00)}m_{002}^{(22)}m_{120}^{(10)}+m_{010}^{(10)}m_{200}^{(10)}m_{012}^{(22)}-m_{010}^{(10)}m_{200}^{(10)}m_{003}^{(21)}\\
&-m_{010}^{(10)}m_{200}^{(11)}m_{102}^{(22)}+m_{010}^{(10)}m_{200}^{(11)}m_{003}^{(20)}-m_{010}^{(10)}m_{200}^{(20)}m_{021}^{(22)}+m_{010}^{(10)}m_{200}^{(20)}m_{012}^{(21)}\\
&+m_{010}^{(10)}m_{200}^{(21)}m_{111}^{(22)}+m_{010}^{(10)}m_{200}^{(21)}m_{102}^{(21)}-2m_{010}^{(10)}m_{200}^{(21)}m_{012}^{(20)}-m_{010}^{(10)}m_{200}^{(22)}m_{111}^{(21)}\\
&+m_{010}^{(10)}m_{200}^{(22)}m_{021}^{(20)}+m_{010}^{(10)}m_{110}^{(00)}m_{012}^{(22)}-m_{010}^{(10)}m_{110}^{(00)}m_{003}^{(21)}-m_{010}^{(10)}m_{110}^{(10)}m_{102}^{(22)}\\
&+m_{010}^{(10)}m_{110}^{(10)}m_{003}^{(20)}-m_{010}^{(10)}m_{110}^{(20)}m_{111}^{(22)}+2m_{010}^{(10)}m_{110}^{(20)}m_{102}^{(21)}-m_{010}^{(10)}m_{110}^{(20)}m_{012}^{(20)}\\
&+m_{010}^{(10)}m_{110}^{(21)}m_{201}^{(22)}-m_{010}^{(10)}m_{110}^{(21)}m_{102}^{(20)}-m_{010}^{(10)}m_{110}^{(22)}m_{201}^{(21)}+m_{010}^{(10)}m_{110}^{(22)}m_{111}^{(20)}\\
&-m_{010}^{(10)}m_{101}^{(00)}m_{012}^{(21)}+m_{010}^{(10)}m_{101}^{(00)}m_{003}^{(11)}-m_{010}^{(10)}m_{101}^{(10)}m_{111}^{(22)}+2m_{010}^{(10)}m_{101}^{(10)}m_{102}^{(21)}\\
&-m_{010}^{(10)}m_{101}^{(10)}m_{012}^{(20)}+m_{010}^{(10)}m_{101}^{(11)}m_{201}^{(22)}-m_{010}^{(10)}m_{101}^{(11)}m_{003}^{(00)}+m_{010}^{(10)}m_{101}^{(20)}m_{120}^{(22)}\\
&-2m_{010}^{(10)}m_{101}^{(20)}m_{102}^{(11)}+m_{010}^{(10)}m_{101}^{(20)}m_{021}^{(20)}-m_{010}^{(10)}m_{101}^{(21)}m_{210}^{(22)}-2m_{010}^{(10)}m_{101}^{(21)}m_{201}^{(21)}\\
&+m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(20)}+2m_{010}^{(10)}m_{101}^{(21)}m_{012}^{(00)}+m_{010}^{(10)}m_{101}^{(22)}m_{210}^{(21)}+m_{010}^{(10)}m_{101}^{(22)}m_{201}^{(11)}\\
&-m_{010}^{(10)}m_{101}^{(22)}m_{120}^{(20)}-m_{010}^{(10)}m_{101}^{(22)}m_{021}^{(00)}-m_{010}^{(10)}m_{011}^{(00)}m_{111}^{(22)}+m_{010}^{(10)}m_{011}^{(00)}m_{102}^{(21)}\\
&+m_{010}^{(10)}m_{011}^{(10)}m_{201}^{(22)}-m_{010}^{(10)}m_{011}^{(10)}m_{102}^{(20)}+m_{010}^{(10)}m_{011}^{(20)}m_{210}^{(22)}-2m_{010}^{(10)}m_{011}^{(20)}m_{201}^{(21)}\\
&+m_{010}^{(10)}m_{011}^{(20)}m_{111}^{(20)}-m_{010}^{(10)}m_{011}^{(21)}m_{300}^{(22)}+m_{010}^{(10)}m_{011}^{(21)}m_{201}^{(20)}+m_{010}^{(10)}m_{011}^{(22)}m_{300}^{(21)}\\
&-m_{010}^{(10)}m_{011}^{(22)}m_{210}^{(20)}+m_{010}^{(10)}m_{002}^{(00)}m_{111}^{(21)}-m_{010}^{(10)}m_{002}^{(00)}m_{102}^{(11)}-m_{010}^{(10)}m_{002}^{(10)}m_{201}^{(21)}\\
&+m_{010}^{(10)}m_{002}^{(10)}m_{111}^{(20)}-m_{010}^{(10)}m_{002}^{(11)}m_{201}^{(20)}+m_{010}^{(10)}m_{002}^{(11)}m_{102}^{(00)}-m_{010}^{(10)}m_{002}^{(20)}m_{210}^{(21)}\\
&+2m_{010}^{(10)}m_{002}^{(20)}m_{201}^{(11)}-m_{010}^{(10)}m_{002}^{(20)}m_{120}^{(20)}+m_{010}^{(10)}m_{002}^{(21)}m_{300}^{(21)}+m_{010}^{(10)}m_{002}^{(21)}m_{210}^{(20)}\\
&-2m_{010}^{(10)}m_{002}^{(21)}m_{111}^{(00)}-m_{010}^{(10)}m_{002}^{(22)}m_{300}^{(11)}+m_{010}^{(10)}m_{002}^{(22)}m_{120}^{(00)}-m_{010}^{(11)}m_{200}^{(00)}m_{012}^{(22)}\\
&+m_{010}^{(11)}m_{200}^{(00)}m_{003}^{(21)}+m_{010}^{(11)}m_{200}^{(10)}m_{102}^{(22)}-m_{010}^{(11)}m_{200}^{(10)}m_{003}^{(20)}+m_{010}^{(11)}m_{200}^{(20)}m_{111}^{(22)}\\
&-2m_{010}^{(11)}m_{200}^{(20)}m_{102}^{(21)}+m_{010}^{(11)}m_{200}^{(20)}m_{012}^{(20)}-m_{010}^{(11)}m_{200}^{(21)}m_{201}^{(22)}+m_{010}^{(11)}m_{200}^{(21)}m_{102}^{(20)}\\
&+m_{010}^{(11)}m_{200}^{(22)}m_{201}^{(21)}-m_{010}^{(11)}m_{200}^{(22)}m_{111}^{(20)}+m_{010}^{(11)}m_{101}^{(00)}m_{111}^{(22)}-m_{010}^{(11)}m_{101}^{(00)}m_{102}^{(21)}\\
&+m_{010}^{(11)}m_{101}^{(10)}m_{012}^{(20)}-m_{010}^{(11)}m_{101}^{(10)}m_{003}^{(11)}-m_{010}^{(11)}m_{101}^{(10)}m_{201}^{(22)}+m_{010}^{(11)}m_{101}^{(10)}m_{003}^{(00)}\\
&-m_{010}^{(11)}m_{101}^{(20)}m_{210}^{(21)}+2m_{010}^{(11)}m_{101}^{(20)}m_{201}^{(20)}-2m_{010}^{(11)}m_{101}^{(20)}m_{111}^{(20)}+2m_{010}^{(11)}m_{101}^{(20)}m_{102}^{(10)}\\
&-m_{010}^{(11)}m_{101}^{(20)}m_{012}^{(00)}+m_{010}^{(11)}m_{101}^{(21)}m_{300}^{(22)}-m_{010}^{(11)}m_{101}^{(21)}m_{102}^{(00)}-m_{010}^{(11)}m_{101}^{(22)}m_{300}^{(21)}\\
&+m_{010}^{(11)}m_{101}^{(22)}m_{210}^{(20)}-m_{010}^{(11)}m_{101}^{(22)}m_{201}^{(10)}+m_{010}^{(11)}m_{101}^{(22)}m_{111}^{(00)}-m_{010}^{(11)}m_{002}^{(00)}m_{111}^{(20)}
\end{aligned}
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$$+m_{010}^{(11)}m_{002}^{(00)}m_{102}^{(10)}+m_{010}^{(11)}m_{002}^{(10)}m_{201}^{(20)}-m_{010}^{(11)}m_{002}^{(10)}m_{102}^{(00)}+m_{010}^{(11)}m_{002}^{(20)}m_{210}^{(20)}$$
$$-2m_{010}^{(11)}m_{002}^{(20)}m_{201}^{(10)}+m_{010}^{(11)}m_{002}^{(20)}m_{111}^{(00)}-m_{010}^{(11)}m_{002}^{(21)}m_{300}^{(20)}+m_{010}^{(11)}m_{002}^{(21)}m_{201}^{(00)}$$
$$+m_{010}^{(11)}m_{002}^{(22)}m_{300}^{(10)}-m_{010}^{(11)}m_{002}^{(22)}m_{210}^{(00)}-m_{010}^{(20)}m_{200}^{(10)}m_{012}^{(21)}+m_{010}^{(20)}m_{200}^{(10)}m_{003}^{(11)}$$
$$+m_{010}^{(20)}m_{200}^{(11)}m_{102}^{(21)}-m_{010}^{(20)}m_{200}^{(11)}m_{003}^{(10)}+m_{010}^{(20)}m_{200}^{(20)}m_{021}^{(21)}-m_{010}^{(20)}m_{200}^{(20)}m_{012}^{(11)}$$
$$-m_{010}^{(20)}m_{200}^{(21)}m_{111}^{(21)}-m_{010}^{(20)}m_{200}^{(21)}m_{102}^{(11)}+2m_{010}^{(20)}m_{200}^{(21)}m_{012}^{(10)}+m_{010}^{(20)}m_{200}^{(22)}m_{111}^{(11)}$$
$$-m_{010}^{(20)}m_{200}^{(22)}m_{021}^{(10)}-m_{010}^{(20)}m_{110}^{(00)}m_{021}^{(22)}+m_{010}^{(20)}m_{110}^{(00)}m_{012}^{(21)}+2m_{010}^{(20)}m_{110}^{(10)}m_{111}^{(22)}$$
$$-m_{010}^{(20)}m_{110}^{(10)}m_{102}^{(21)}-m_{010}^{(20)}m_{110}^{(10)}m_{003}^{(10)}-m_{010}^{(20)}m_{110}^{(11)}m_{201}^{(22)}+m_{010}^{(20)}m_{110}^{(11)}m_{003}^{(00)}$$
$$-m_{010}^{(20)}m_{110}^{(20)}m_{111}^{(21)}+m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(10)}+m_{010}^{(20)}m_{110}^{(21)}m_{201}^{(21)}+m_{010}^{(20)}m_{110}^{(21)}m_{102}^{(10)}$$
$$-2m_{010}^{(20)}m_{110}^{(21)}m_{012}^{(00)}-m_{010}^{(20)}m_{110}^{(22)}m_{111}^{(10)}+m_{010}^{(20)}m_{110}^{(22)}m_{021}^{(00)}+m_{010}^{(20)}m_{101}^{(00)}m_{021}^{(21)}$$
$$-m_{010}^{(20)}m_{101}^{(00)}m_{012}^{(11)}-m_{010}^{(20)}m_{101}^{(10)}m_{111}^{(21)}+m_{010}^{(20)}m_{101}^{(10)}m_{012}^{(10)}-m_{010}^{(20)}m_{101}^{(20)}m_{120}^{(21)}$$
$$+2m_{010}^{(20)}m_{101}^{(20)}m_{111}^{(11)}-m_{010}^{(20)}m_{101}^{(20)}m_{021}^{(10)}+m_{010}^{(20)}m_{101}^{(21)}m_{210}^{(21)}-m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(10)}$$
$$-m_{010}^{(20)}m_{101}^{(22)}m_{210}^{(11)}+m_{010}^{(20)}m_{101}^{(22)}m_{120}^{(10)}+m_{010}^{(20)}m_{011}^{(00)}m_{120}^{(22)}-m_{010}^{(20)}m_{011}^{(00)}m_{111}^{(21)}$$
$$-2m_{010}^{(20)}m_{011}^{(10)}m_{210}^{(22)}+m_{010}^{(20)}m_{011}^{(10)}m_{201}^{(21)}+m_{010}^{(20)}m_{011}^{(10)}m_{102}^{(10)}+m_{010}^{(20)}m_{011}^{(11)}m_{300}^{(22)}$$
$$-m_{010}^{(20)}m_{011}^{(11)}m_{102}^{(00)}+m_{010}^{(20)}m_{011}^{(20)}m_{210}^{(21)}-m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(10)}-m_{010}^{(20)}m_{011}^{(21)}m_{300}^{(21)}$$
$$-m_{010}^{(20)}m_{011}^{(21)}m_{201}^{(10)}+2m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(00)}+m_{010}^{(20)}m_{011}^{(22)}m_{210}^{(10)}-m_{010}^{(20)}m_{011}^{(22)}m_{120}^{(00)}$$
$$-m_{010}^{(20)}m_{002}^{(00)}m_{120}^{(21)}+m_{010}^{(20)}m_{002}^{(00)}m_{111}^{(11)}+2m_{010}^{(20)}m_{002}^{(10)}m_{210}^{(21)}-m_{010}^{(20)}m_{002}^{(10)}m_{201}^{(11)}$$
$$-m_{010}^{(20)}m_{002}^{(10)}m_{111}^{(10)}-m_{010}^{(20)}m_{002}^{(11)}m_{300}^{(21)}+m_{010}^{(20)}m_{002}^{(11)}m_{201}^{(10)}-m_{010}^{(20)}m_{002}^{(20)}m_{210}^{(11)}$$
$$+m_{010}^{(20)}m_{002}^{(20)}m_{120}^{(10)}+m_{010}^{(20)}m_{002}^{(21)}m_{300}^{(11)}-m_{010}^{(20)}m_{002}^{(21)}m_{210}^{(10)}+m_{010}^{(21)}m_{200}^{(00)}m_{021}^{(22)}$$
$$-m_{010}^{(21)}m_{200}^{(00)}m_{003}^{(11)}-2m_{010}^{(21)}m_{200}^{(10)}m_{111}^{(22)}+m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(20)}+m_{010}^{(21)}m_{200}^{(10)}m_{003}^{(10)}$$
$$+m_{010}^{(21)}m_{200}^{(11)}m_{201}^{(22)}-m_{010}^{(21)}m_{200}^{(11)}m_{102}^{(20)}+2m_{010}^{(21)}m_{200}^{(20)}m_{102}^{(11)}-m_{010}^{(21)}m_{200}^{(20)}m_{021}^{(20)}$$
$$-m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(10)}+m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(20)}-m_{010}^{(21)}m_{200}^{(21)}m_{102}^{(10)}-m_{010}^{(21)}m_{200}^{(22)}m_{201}^{(11)}$$
$$+m_{010}^{(21)}m_{200}^{(22)}m_{111}^{(10)}-m_{010}^{(21)}m_{110}^{(00)}m_{012}^{(20)}+m_{010}^{(21)}m_{110}^{(00)}m_{003}^{(10)}+m_{010}^{(21)}m_{110}^{(10)}m_{102}^{(20)}$$
$$-m_{010}^{(21)}m_{110}^{(10)}m_{003}^{(00)}+m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(20)}-2m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(10)}+m_{010}^{(21)}m_{110}^{(20)}m_{012}^{(00)}$$
$$-m_{010}^{(21)}m_{110}^{(21)}m_{201}^{(20)}+m_{010}^{(21)}m_{110}^{(21)}m_{102}^{(00)}+m_{010}^{(21)}m_{110}^{(22)}m_{201}^{(10)}-m_{010}^{(21)}m_{110}^{(22)}m_{111}^{(00)}$$
$$-m_{010}^{(21)}m_{101}^{(00)}m_{120}^{(22)}+m_{010}^{(21)}m_{101}^{(00)}m_{102}^{(11)}-m_{010}^{(21)}m_{101}^{(00)}m_{021}^{(20)}+m_{010}^{(21)}m_{101}^{(00)}m_{012}^{(10)}$$
$$+2m_{010}^{(21)}m_{101}^{(10)}m_{210}^{(22)}+m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(20)}-2m_{010}^{(21)}m_{101}^{(10)}m_{102}^{(10)}-m_{010}^{(21)}m_{101}^{(10)}m_{012}^{(00)}$$
$$-m_{010}^{(21)}m_{101}^{(11)}m_{300}^{(22)}+m_{010}^{(21)}m_{101}^{(11)}m_{102}^{(00)}-2m_{010}^{(21)}m_{101}^{(20)}m_{201}^{(11)}+m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(20)}$$
$$+m_{010}^{(21)}m_{101}^{(20)}m_{021}^{(00)}-m_{010}^{(21)}m_{101}^{(21)}m_{210}^{(20)}+2m_{010}^{(21)}m_{101}^{(21)}m_{201}^{(10)}-m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(00)}$$
$$+m_{010}^{(21)}m_{101}^{(22)}m_{300}^{(11)}-m_{010}^{(21)}m_{101}^{(22)}m_{210}^{(10)}+m_{010}^{(21)}m_{011}^{(00)}m_{111}^{(20)}-m_{010}^{(21)}m_{011}^{(00)}m_{102}^{(10)}$$
$$-m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(20)}+m_{010}^{(21)}m_{011}^{(10)}m_{102}^{(00)}+m_{010}^{(21)}m_{011}^{(11)}m_{201}^{(10)}-m_{010}^{(21)}m_{011}^{(11)}m_{102}^{(10)}$$
$$-m_{010}^{(21)}m_{011}^{(20)}m_{111}^{(00)}+m_{010}^{(21)}m_{011}^{(21)}m_{300}^{(20)}-m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(00)}-m_{010}^{(21)}m_{011}^{(22)}m_{300}^{(10)}$$
$$+m_{010}^{(21)}m_{011}^{(22)}m_{210}^{(00)}+m_{010}^{(21)}m_{002}^{(00)}m_{120}^{(20)}-m_{010}^{(21)}m_{002}^{(00)}m_{111}^{(10)}-2m_{010}^{(21)}m_{002}^{(10)}m_{210}^{(20)}$$
$$+m_{010}^{(21)}m_{002}^{(10)}m_{201}^{(10)}+m_{010}^{(21)}m_{002}^{(10)}m_{111}^{(00)}+m_{010}^{(21)}m_{002}^{(11)}m_{300}^{(20)}-m_{010}^{(21)}m_{002}^{(11)}m_{201}^{(00)}$$
$$+m_{010}^{(21)}m_{002}^{(20)}m_{210}^{(10)}-m_{010}^{(21)}m_{002}^{(20)}m_{120}^{(00)}-m_{010}^{(21)}m_{002}^{(21)}m_{300}^{(10)}+m_{010}^{(21)}m_{002}^{(21)}m_{210}^{(00)}$$
$$-m_{010}^{(22)}m_{200}^{(00)}m_{021}^{(21)}+m_{010}^{(22)}m_{200}^{(00)}m_{012}^{(11)}+2m_{010}^{(22)}m_{200}^{(10)}m_{111}^{(21)}-m_{010}^{(22)}m_{200}^{(10)}m_{102}^{(11)}$$
$$-m_{010}^{(22)}m_{200}^{(10)}m_{012}^{(10)}-m_{010}^{(22)}m_{200}^{(11)}m_{201}^{(21)}+m_{010}^{(22)}m_{200}^{(11)}m_{102}^{(10)}-m_{010}^{(22)}m_{200}^{(20)}m_{111}^{(11)}$$
$$+m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(10)}+m_{010}^{(22)}m_{200}^{(21)}m_{201}^{(11)}-m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(10)}+m_{010}^{(22)}m_{110}^{(00)}m_{021}^{(20)}$$
$$-m_{010}^{(22)}m_{110}^{(00)}m_{012}^{(10)}-2m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(20)}+m_{010}^{(22)}m_{110}^{(10)}m_{102}^{(10)}+m_{010}^{(22)}m_{110}^{(10)}m_{012}^{(00)}$$

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\begin{aligned}
&+m_{010}^{(22)}m_{110}^{(11)}m_{201}^{(20)} - m_{010}^{(22)}m_{110}^{(11)}m_{102}^{(00)} + m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(10)} - m_{010}^{(22)}m_{110}^{(20)}m_{021}^{(00)}\\
&-m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(10)} + m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(00)} + m_{010}^{(22)}m_{101}^{(00)}m_{120}^{(21)} - m_{010}^{(22)}m_{101}^{(00)}m_{111}^{(11)}\\
&-2m_{010}^{(22)}m_{101}^{(10)}m_{210}^{(21)} + m_{010}^{(22)}m_{101}^{(10)}m_{201}^{(11)} + m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(10)} + m_{010}^{(22)}m_{101}^{(11)}m_{300}^{(21)}\\
&-m_{010}^{(22)}m_{101}^{(11)}m_{201}^{(10)} + m_{010}^{(22)}m_{101}^{(20)}m_{210}^{(11)} - m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(10)} - m_{010}^{(22)}m_{101}^{(21)}m_{300}^{(11)}\\
&+m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(10)} - m_{010}^{(22)}m_{011}^{(00)}m_{120}^{(20)} + m_{010}^{(22)}m_{011}^{(00)}m_{111}^{(10)} + 2m_{010}^{(22)}m_{011}^{(10)}m_{210}^{(20)}\\
&-m_{010}^{(22)}m_{011}^{(10)}m_{201}^{(10)} - m_{010}^{(22)}m_{011}^{(10)}m_{111}^{(00)} - m_{010}^{(22)}m_{011}^{(11)}m_{300}^{(20)} + m_{010}^{(22)}m_{011}^{(11)}m_{201}^{(00)}\\
&-m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(10)} + m_{010}^{(22)}m_{011}^{(20)}m_{120}^{(00)} + m_{010}^{(22)}m_{011}^{(21)}m_{300}^{(10)} - m_{010}^{(22)}m_{011}^{(21)}m_{210}^{(00)}\\
&+m_{001}^{(00)}m_{110}^{(10)}m_{021}^{(22)} - m_{001}^{(00)}m_{110}^{(10)}m_{012}^{(21)} - m_{001}^{(00)}m_{110}^{(11)}m_{111}^{(22)} + m_{001}^{(00)}m_{110}^{(11)}m_{012}^{(20)}\\
&-m_{001}^{(00)}m_{110}^{(20)}m_{030}^{(22)} + m_{001}^{(00)}m_{110}^{(20)}m_{021}^{(21)} + m_{001}^{(00)}m_{110}^{(21)}m_{120}^{(22)} + m_{001}^{(00)}m_{110}^{(21)}m_{111}^{(21)}\\
&-2m_{001}^{(00)}m_{110}^{(21)}m_{021}^{(20)} - m_{001}^{(00)}m_{110}^{(22)}m_{120}^{(21)} + m_{001}^{(00)}m_{110}^{(22)}m_{030}^{(20)} - m_{001}^{(00)}m_{101}^{(10)}m_{021}^{(21)}\\
&+m_{001}^{(00)}m_{101}^{(10)}m_{012}^{(11)} + m_{001}^{(00)}m_{101}^{(11)}m_{111}^{(21)} - m_{001}^{(00)}m_{101}^{(11)}m_{012}^{(10)} + m_{001}^{(00)}m_{101}^{(20)}m_{030}^{(21)}\\
&-m_{001}^{(00)}m_{101}^{(20)}m_{021}^{(11)} - m_{001}^{(00)}m_{101}^{(21)}m_{120}^{(21)} - m_{001}^{(00)}m_{101}^{(21)}m_{111}^{(11)} + 2m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(10)}\\
&+m_{001}^{(00)}m_{101}^{(22)}m_{120}^{(11)} - m_{001}^{(00)}m_{101}^{(22)}m_{030}^{(10)} - m_{001}^{(00)}m_{020}^{(10)}m_{111}^{(22)} + m_{001}^{(00)}m_{020}^{(10)}m_{102}^{(21)}\\
&+m_{001}^{(00)}m_{020}^{(11)}m_{201}^{(22)} - m_{001}^{(00)}m_{020}^{(11)}m_{102}^{(20)} + m_{001}^{(00)}m_{020}^{(20)}m_{120}^{(22)} - m_{001}^{(00)}m_{020}^{(20)}m_{111}^{(21)}\\
&-m_{001}^{(00)}m_{020}^{(21)}m_{210}^{(22)} - m_{001}^{(00)}m_{020}^{(21)}m_{201}^{(21)} + 2m_{001}^{(00)}m_{020}^{(21)}m_{111}^{(20)} + m_{001}^{(00)}m_{020}^{(22)}m_{210}^{(21)}\\
&-m_{001}^{(00)}m_{020}^{(22)}m_{120}^{(20)} + m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(21)} - m_{001}^{(00)}m_{011}^{(10)}m_{102}^{(11)} - m_{001}^{(00)}m_{011}^{(11)}m_{201}^{(21)}\\
&+m_{001}^{(00)}m_{011}^{(11)}m_{102}^{(10)} - m_{001}^{(00)}m_{011}^{(20)}m_{120}^{(21)} + m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(11)} + m_{001}^{(00)}m_{011}^{(21)}m_{210}^{(21)}\\
&+m_{001}^{(00)}m_{011}^{(21)}m_{201}^{(11)} - 2m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(10)} - m_{001}^{(00)}m_{011}^{(22)}m_{210}^{(11)} + m_{001}^{(00)}m_{011}^{(22)}m_{120}^{(10)}\\
&-m_{001}^{(10)}m_{200}^{(10)}m_{021}^{(22)} + m_{001}^{(10)}m_{200}^{(10)}m_{012}^{(21)} + m_{001}^{(10)}m_{200}^{(11)}m_{111}^{(22)} - m_{001}^{(10)}m_{200}^{(11)}m_{012}^{(20)}\\
&+m_{001}^{(10)}m_{200}^{(20)}m_{030}^{(22)} - m_{001}^{(10)}m_{200}^{(20)}m_{021}^{(21)} - m_{001}^{(10)}m_{200}^{(21)}m_{120}^{(22)} - m_{001}^{(10)}m_{200}^{(21)}m_{111}^{(21)}\\
&+2m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(20)} + m_{001}^{(10)}m_{200}^{(22)}m_{120}^{(21)} - m_{001}^{(10)}m_{200}^{(22)}m_{030}^{(20)} - m_{001}^{(10)}m_{110}^{(00)}m_{021}^{(22)}\\
&+m_{001}^{(10)}m_{110}^{(00)}m_{012}^{(21)} + 2m_{001}^{(10)}m_{110}^{(10)}m_{111}^{(22)} - m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(21)} - m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(20)}\\
&-m_{001}^{(10)}m_{110}^{(11)}m_{201}^{(22)} + m_{001}^{(10)}m_{110}^{(11)}m_{102}^{(20)} - m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(21)} + m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(20)}\\
&+m_{001}^{(10)}m_{110}^{(21)}m_{201}^{(21)} - m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(20)} + m_{001}^{(10)}m_{101}^{(00)}m_{021}^{(21)} - m_{001}^{(10)}m_{101}^{(00)}m_{012}^{(11)}\\
&-m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(21)} + m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(20)} - m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(20)} + m_{001}^{(10)}m_{101}^{(11)}m_{012}^{(00)}\\
&-m_{001}^{(10)}m_{101}^{(20)}m_{120}^{(21)} + 2m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(11)} - m_{001}^{(10)}m_{101}^{(20)}m_{030}^{(20)} + m_{001}^{(10)}m_{101}^{(21)}m_{210}^{(21)}\\
&+m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(20)} - 2m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(00)} - m_{001}^{(10)}m_{101}^{(22)}m_{210}^{(11)} + m_{001}^{(10)}m_{101}^{(22)}m_{030}^{(00)}\\
&+m_{001}^{(10)}m_{020}^{(00)}m_{111}^{(22)} - m_{001}^{(10)}m_{020}^{(00)}m_{102}^{(21)} - m_{001}^{(10)}m_{020}^{(10)}m_{201}^{(22)} + m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(20)}\\
&-m_{001}^{(10)}m_{020}^{(20)}m_{210}^{(22)} + 2m_{001}^{(10)}m_{020}^{(20)}m_{201}^{(21)} - m_{001}^{(10)}m_{020}^{(20)}m_{111}^{(20)} + m_{001}^{(10)}m_{020}^{(21)}m_{300}^{(22)}\\
&-m_{001}^{(10)}m_{020}^{(21)}m_{201}^{(20)} - m_{001}^{(10)}m_{020}^{(22)}m_{300}^{(21)} + m_{001}^{(10)}m_{020}^{(22)}m_{210}^{(20)} - m_{001}^{(10)}m_{011}^{(00)}m_{111}^{(21)}\\
&+m_{001}^{(10)}m_{011}^{(00)}m_{102}^{(11)} + m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(21)} - m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(20)} + m_{001}^{(10)}m_{011}^{(11)}m_{201}^{(20)}\\
&-m_{001}^{(10)}m_{011}^{(11)}m_{102}^{(00)} + m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(21)} - 2m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(11)} + m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(20)}\\
&-m_{001}^{(10)}m_{011}^{(21)}m_{300}^{(21)} - m_{001}^{(10)}m_{011}^{(21)}m_{210}^{(20)} + 2m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(00)} + m_{001}^{(10)}m_{011}^{(22)}m_{300}^{(11)}\\
&-m_{001}^{(10)}m_{011}^{(22)}m_{120}^{(00)} + m_{001}^{(11)}m_{200}^{(00)}m_{021}^{(22)} - m_{001}^{(11)}m_{200}^{(00)}m_{012}^{(21)} - m_{001}^{(11)}m_{200}^{(10)}m_{111}^{(22)}\\
&+m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(20)} - m_{001}^{(11)}m_{200}^{(20)}m_{120}^{(22)} + 2m_{001}^{(11)}m_{200}^{(20)}m_{111}^{(21)} - m_{001}^{(11)}m_{200}^{(20)}m_{021}^{(20)}\\
&+m_{001}^{(11)}m_{200}^{(21)}m_{210}^{(22)} - m_{001}^{(11)}m_{200}^{(21)}m_{111}^{(20)} - m_{001}^{(11)}m_{200}^{(22)}m_{210}^{(21)} + m_{001}^{(11)}m_{200}^{(22)}m_{120}^{(20)}\\
&-m_{001}^{(11)}m_{110}^{(00)}m_{111}^{(22)} + m_{001}^{(11)}m_{110}^{(00)}m_{102}^{(21)} + m_{001}^{(11)}m_{110}^{(10)}m_{201}^{(22)} - m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(20)}\\
&+m_{001}^{(11)}m_{110}^{(20)}m_{210}^{(22)} - 2m_{001}^{(11)}m_{110}^{(20)}m_{201}^{(21)} + m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(20)} - m_{001}^{(11)}m_{110}^{(21)}m_{300}^{(22)}
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\begin{aligned}
&+m_{001}^{(11)}m_{110}^{(21)}m_{201}^{(20)} + m_{001}^{(11)}m_{110}^{(22)}m_{300}^{(21)} - m_{001}^{(11)}m_{110}^{(22)}m_{210}^{(20)} - m_{001}^{(11)}m_{101}^{(00)}m_{021}^{(20)}\\
&+m_{001}^{(11)}m_{101}^{(00)}m_{012}^{(10)} + m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(20)} - m_{001}^{(11)}m_{101}^{(10)}m_{012}^{(00)} + m_{001}^{(11)}m_{101}^{(20)}m_{120}^{(20)}\\
&-2m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(10)} + m_{001}^{(11)}m_{101}^{(20)}m_{021}^{(00)} - m_{001}^{(11)}m_{101}^{(21)}m_{210}^{(20)} + m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(00)}\\
&+m_{001}^{(11)}m_{101}^{(22)}m_{210}^{(10)} - m_{001}^{(11)}m_{101}^{(22)}m_{120}^{(00)} + m_{001}^{(11)}m_{011}^{(00)}m_{111}^{(20)} - m_{001}^{(11)}m_{011}^{(00)}m_{102}^{(10)}\\
&-m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(20)} + m_{001}^{(11)}m_{011}^{(10)}m_{102}^{(00)} - m_{001}^{(11)}m_{011}^{(20)}m_{210}^{(20)} + 2m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(10)}\\
&-m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(00)} + m_{001}^{(11)}m_{011}^{(21)}m_{300}^{(20)} - m_{001}^{(11)}m_{011}^{(21)}m_{201}^{(00)} - m_{001}^{(11)}m_{011}^{(22)}m_{300}^{(10)}\\
&+m_{001}^{(11)}m_{011}^{(22)}m_{210}^{(00)} + m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(21)} - m_{001}^{(20)}m_{200}^{(10)}m_{012}^{(11)} - m_{001}^{(20)}m_{200}^{(11)}m_{111}^{(21)}\\
&+m_{001}^{(20)}m_{200}^{(11)}m_{012}^{(10)} - m_{001}^{(20)}m_{200}^{(20)}m_{030}^{(21)} + m_{001}^{(20)}m_{200}^{(20)}m_{021}^{(11)} + m_{001}^{(20)}m_{200}^{(21)}m_{120}^{(21)}\\
&+m_{001}^{(20)}m_{200}^{(21)}m_{111}^{(11)} - 2m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(10)} - m_{001}^{(20)}m_{200}^{(22)}m_{120}^{(11)} + m_{001}^{(20)}m_{200}^{(22)}m_{030}^{(10)}\\
&+m_{001}^{(20)}m_{110}^{(00)}m_{030}^{(22)} - m_{001}^{(20)}m_{110}^{(00)}m_{021}^{(21)} - 2m_{001}^{(20)}m_{110}^{(10)}m_{120}^{(22)} + m_{001}^{(20)}m_{110}^{(10)}m_{102}^{(11)}\\
&+m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(10)} + m_{001}^{(20)}m_{110}^{(11)}m_{210}^{(22)} + m_{001}^{(20)}m_{110}^{(11)}m_{201}^{(21)} - m_{001}^{(20)}m_{110}^{(11)}m_{102}^{(10)}\\
&-m_{001}^{(20)}m_{110}^{(11)}m_{012}^{(00)} + 2m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(21)} - m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(11)} - m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(10)}\\
&-2m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(21)} - m_{001}^{(20)}m_{110}^{(21)}m_{201}^{(11)} + m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(10)} + 2m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(00)}\\
&+m_{001}^{(20)}m_{110}^{(22)}m_{210}^{(11)} - m_{001}^{(20)}m_{110}^{(22)}m_{030}^{(00)} - m_{001}^{(20)}m_{101}^{(00)}m_{030}^{(21)} + m_{001}^{(20)}m_{101}^{(00)}m_{021}^{(11)}\\
&+2m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(21)} - m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(11)} - m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(10)} - m_{001}^{(20)}m_{101}^{(11)}m_{210}^{(21)}\\
&+m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(10)} - m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(11)} + m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(10)} + m_{001}^{(20)}m_{101}^{(21)}m_{210}^{(11)}\\
&-m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(10)} - m_{001}^{(20)}m_{020}^{(00)}m_{120}^{(22)} + m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(21)} + 2m_{001}^{(20)}m_{020}^{(10)}m_{210}^{(22)}\\
&-m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(21)} - m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(10)} - m_{001}^{(20)}m_{020}^{(11)}m_{300}^{(22)} + m_{001}^{(20)}m_{020}^{(11)}m_{102}^{(00)}\\
&-m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(21)} + m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(10)} + m_{001}^{(20)}m_{020}^{(21)}m_{300}^{(21)} + m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(10)}\\
&-2m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(00)} - m_{001}^{(20)}m_{020}^{(22)}m_{210}^{(10)} + m_{001}^{(20)}m_{020}^{(22)}m_{120}^{(00)} + m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(21)}\\
&-m_{001}^{(20)}m_{011}^{(00)}m_{111}^{(11)} - 2m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(21)} + m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(11)} + m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(10)}\\
&+m_{001}^{(20)}m_{011}^{(11)}m_{300}^{(21)} - m_{001}^{(20)}m_{011}^{(11)}m_{201}^{(10)} + m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(11)} - m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(10)}\\
&-m_{001}^{(20)}m_{011}^{(21)}m_{300}^{(11)} + m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(10)} - m_{001}^{(21)}m_{200}^{(00)}m_{030}^{(22)} + m_{001}^{(21)}m_{200}^{(00)}m_{012}^{(11)}\\
&+2m_{001}^{(21)}m_{200}^{(10)}m_{120}^{(22)} - m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(20)} - m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(10)} - m_{001}^{(21)}m_{200}^{(11)}m_{210}^{(22)}\\
&+m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(20)} - 2m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(11)} + m_{001}^{(21)}m_{200}^{(20)}m_{030}^{(20)} + m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(10)}\\
&-m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(20)} + m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(10)} + m_{001}^{(21)}m_{200}^{(22)}m_{210}^{(11)} - m_{001}^{(21)}m_{200}^{(22)}m_{120}^{(10)}\\
&+m_{001}^{(21)}m_{110}^{(00)}m_{120}^{(22)} - m_{001}^{(21)}m_{110}^{(00)}m_{102}^{(11)} + m_{001}^{(21)}m_{110}^{(00)}m_{021}^{(20)} - m_{001}^{(21)}m_{110}^{(00)}m_{012}^{(10)}\\
&-2m_{001}^{(21)}m_{110}^{(10)}m_{210}^{(22)} + m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(10)} + m_{001}^{(21)}m_{110}^{(10)}m_{012}^{(00)} + m_{001}^{(21)}m_{110}^{(11)}m_{300}^{(22)}\\
&-m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(20)} + 2m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(11)} - 2m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(20)} + m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(10)}\\
&-m_{001}^{(21)}m_{110}^{(20)}m_{021}^{(00)} + 2m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(20)} - m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(10)} - m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(00)}\\
&-m_{001}^{(21)}m_{110}^{(22)}m_{300}^{(11)} + m_{001}^{(21)}m_{110}^{(22)}m_{120}^{(00)} + m_{001}^{(21)}m_{101}^{(00)}m_{030}^{(20)} - m_{001}^{(21)}m_{101}^{(00)}m_{021}^{(10)}\\
&-2m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(20)} + m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(10)} + m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(00)} + m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(20)}\\
&-m_{001}^{(21)}m_{101}^{(11)}m_{111}^{(00)} + m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(10)} - m_{001}^{(21)}m_{101}^{(20)}m_{030}^{(00)} - m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(10)}\\
&+m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(00)} - m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(20)} + m_{001}^{(21)}m_{020}^{(10)}m_{102}^{(20)} + m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(20)}\\
&-m_{001}^{(21)}m_{020}^{(10)}m_{102}^{(00)} + m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(20)} - 2m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(10)} + m_{001}^{(21)}m_{020}^{(20)}m_{111}^{(00)}\\
&-m_{001}^{(21)}m_{020}^{(21)}m_{300}^{(20)} + m_{001}^{(21)}m_{020}^{(21)}m_{201}^{(00)} + m_{001}^{(21)}m_{020}^{(22)}m_{300}^{(10)} - m_{001}^{(21)}m_{020}^{(22)}m_{210}^{(00)}\\
&-m_{001}^{(21)}m_{011}^{(00)}m_{120}^{(20)} + m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(10)} + 2m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(20)} - m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(10)}\\
&-m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(00)} - m_{001}^{(21)}m_{011}^{(11)}m_{300}^{(20)} + m_{001}^{(21)}m_{011}^{(11)}m_{201}^{(00)} - m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(10)}
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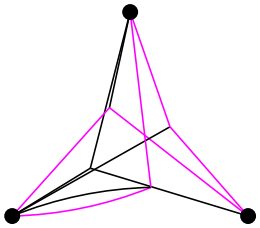
\begin{aligned}
&+m_{001}^{(21)}m_{011}^{(20)}m_{120}^{(00)} + m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(10)} - m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(00)} + m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(21)}\\
&-m_{001}^{(22)}m_{200}^{(00)}m_{021}^{(11)} - 2m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(21)} + m_{001}^{(22)}m_{200}^{(10)}m_{111}^{(11)} + m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(10)}\\
&+m_{001}^{(22)}m_{200}^{(11)}m_{210}^{(21)} - m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(10)} + m_{001}^{(22)}m_{200}^{(20)}m_{120}^{(11)} - m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(10)}\\
&-m_{001}^{(22)}m_{200}^{(21)}m_{210}^{(11)} + m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(10)} - m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(21)} + m_{001}^{(22)}m_{110}^{(00)}m_{111}^{(11)}\\
&-m_{001}^{(22)}m_{110}^{(00)}m_{030}^{(20)} + m_{001}^{(22)}m_{110}^{(00)}m_{021}^{(10)} + 2m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(21)} - m_{001}^{(22)}m_{110}^{(10)}m_{201}^{(11)}\\
&+2m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(20)} - 2m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(10)} - m_{001}^{(22)}m_{110}^{(10)}m_{021}^{(00)} - m_{001}^{(22)}m_{110}^{(11)}m_{300}^{(21)}\\
&-m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(20)} + m_{001}^{(22)}m_{110}^{(11)}m_{201}^{(10)} + m_{001}^{(22)}m_{110}^{(11)}m_{111}^{(00)} - m_{001}^{(22)}m_{110}^{(20)}m_{210}^{(11)}\\
&+m_{001}^{(22)}m_{110}^{(20)}m_{030}^{(00)} + m_{001}^{(22)}m_{110}^{(21)}m_{300}^{(11)} - m_{001}^{(22)}m_{110}^{(21)}m_{120}^{(00)} + m_{001}^{(22)}m_{020}^{(00)}m_{120}^{(20)}\\
&-m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(10)} - 2m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(20)} + m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(10)} + m_{001}^{(22)}m_{020}^{(10)}m_{111}^{(00)}\\
&+m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(20)} - m_{001}^{(22)}m_{020}^{(11)}m_{201}^{(00)} + m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(10)} - m_{001}^{(22)}m_{020}^{(20)}m_{120}^{(00)}\\
&-m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(10)} + m_{001}^{(22)}m_{020}^{(21)}m_{210}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & 1 & V1 & 1\\
1 & V2 & 2 & 2\\
V2 & V3 & V3 & 3
\end{array}
$$



$$
\begin{aligned}
T_{73} \;=\;& m_{100}^{(00)}m_{020}^{(10)}m_{012}^{(22)} - m_{100}^{(00)}m_{020}^{(10)}m_{003}^{(21)} - m_{100}^{(00)}m_{020}^{(11)}m_{102}^{(22)} + m_{100}^{(00)}m_{020}^{(11)}m_{003}^{(20)}\\
&-m_{100}^{(00)}m_{020}^{(20)}m_{021}^{(22)} + m_{100}^{(00)}m_{020}^{(20)}m_{012}^{(21)} + m_{100}^{(00)}m_{020}^{(21)}m_{111}^{(22)} + m_{100}^{(00)}m_{020}^{(21)}m_{102}^{(21)}\\
&-2m_{100}^{(00)}m_{020}^{(21)}m_{012}^{(20)} - m_{100}^{(00)}m_{020}^{(22)}m_{111}^{(21)} + m_{100}^{(00)}m_{020}^{(22)}m_{021}^{(20)} - m_{100}^{(00)}m_{011}^{(10)}m_{021}^{(22)}\\
&+m_{100}^{(00)}m_{011}^{(10)}m_{003}^{(11)} + m_{100}^{(00)}m_{011}^{(11)}m_{111}^{(22)} + m_{100}^{(00)}m_{011}^{(11)}m_{102}^{(21)} - m_{100}^{(00)}m_{011}^{(11)}m_{012}^{(20)}\\
&-m_{100}^{(00)}m_{011}^{(11)}m_{003}^{(10)} + m_{100}^{(00)}m_{011}^{(20)}m_{030}^{(22)} - m_{100}^{(00)}m_{011}^{(20)}m_{012}^{(11)} - m_{100}^{(00)}m_{011}^{(21)}m_{120}^{(22)}\\
&-2m_{100}^{(00)}m_{011}^{(21)}m_{111}^{(21)} - m_{100}^{(00)}m_{011}^{(21)}m_{102}^{(11)} + 2m_{100}^{(00)}m_{011}^{(21)}m_{021}^{(20)} + 2m_{100}^{(00)}m_{011}^{(21)}m_{012}^{(10)}\\
&+m_{100}^{(00)}m_{011}^{(22)}m_{120}^{(21)} + m_{100}^{(00)}m_{011}^{(22)}m_{111}^{(11)} - m_{100}^{(00)}m_{011}^{(22)}m_{030}^{(20)} - m_{100}^{(00)}m_{011}^{(22)}m_{021}^{(10)}\\
&+m_{100}^{(00)}m_{002}^{(10)}m_{021}^{(21)} - m_{100}^{(00)}m_{002}^{(10)}m_{012}^{(11)} - m_{100}^{(00)}m_{002}^{(11)}m_{111}^{(21)} + m_{100}^{(00)}m_{002}^{(11)}m_{012}^{(10)}\\
&-m_{100}^{(00)}m_{002}^{(20)}m_{030}^{(21)} + m_{100}^{(00)}m_{002}^{(20)}m_{021}^{(11)} + m_{100}^{(00)}m_{002}^{(21)}m_{120}^{(21)} + m_{100}^{(00)}m_{002}^{(21)}m_{111}^{(11)}\\
&-2m_{100}^{(00)}m_{002}^{(21)}m_{021}^{(10)} - m_{100}^{(00)}m_{002}^{(22)}m_{120}^{(11)} + m_{100}^{(00)}m_{002}^{(22)}m_{030}^{(10)} - 2m_{100}^{(10)}m_{110}^{(10)}m_{012}^{(22)}\\
&+2m_{100}^{(10)}m_{110}^{(10)}m_{003}^{(21)} + 2m_{100}^{(10)}m_{110}^{(11)}m_{102}^{(22)} - 2m_{100}^{(10)}m_{110}^{(11)}m_{003}^{(20)} + 2m_{100}^{(10)}m_{110}^{(20)}m_{021}^{(22)}\\
&-2m_{100}^{(10)}m_{110}^{(20)}m_{012}^{(21)} - 2m_{100}^{(10)}m_{110}^{(21)}m_{111}^{(22)} - 2m_{100}^{(10)}m_{110}^{(21)}m_{102}^{(21)} + 4m_{100}^{(10)}m_{110}^{(21)}m_{012}^{(20)}
\end{aligned}
$$

$$
\begin{aligned}
&+2m_{100}^{(10)}m_{110}^{(22)}m_{111}^{(21)} - 2m_{100}^{(10)}m_{110}^{(22)}m_{021}^{(20)} + m_{100}^{(10)}m_{101}^{(10)}m_{021}^{(22)} - m_{100}^{(10)}m_{101}^{(10)}m_{003}^{(11)}\\
&-m_{100}^{(10)}m_{101}^{(11)}m_{111}^{(22)} - m_{100}^{(10)}m_{101}^{(11)}m_{102}^{(21)} + m_{100}^{(10)}m_{101}^{(11)}m_{012}^{(20)} + m_{100}^{(10)}m_{101}^{(11)}m_{003}^{(10)}\\
&-m_{100}^{(10)}m_{101}^{(20)}m_{030}^{(22)} + m_{100}^{(10)}m_{101}^{(20)}m_{012}^{(11)} + m_{100}^{(10)}m_{101}^{(21)}m_{120}^{(22)} + 2m_{100}^{(10)}m_{101}^{(21)}m_{111}^{(21)}\\
&+m_{100}^{(10)}m_{101}^{(21)}m_{102}^{(11)} - 2m_{100}^{(10)}m_{101}^{(21)}m_{021}^{(20)} - 2m_{100}^{(10)}m_{101}^{(21)}m_{012}^{(10)} - m_{100}^{(10)}m_{101}^{(22)}m_{120}^{(21)}\\
&-m_{100}^{(10)}m_{101}^{(22)}m_{111}^{(11)} + m_{100}^{(10)}m_{101}^{(22)}m_{030}^{(20)} + m_{100}^{(10)}m_{101}^{(22)}m_{021}^{(10)} + m_{100}^{(10)}m_{011}^{(10)}m_{111}^{(22)}\\
&-m_{100}^{(10)}m_{011}^{(10)}m_{102}^{(21)} + m_{100}^{(10)}m_{011}^{(10)}m_{012}^{(20)} - m_{100}^{(10)}m_{011}^{(10)}m_{003}^{(10)} - m_{100}^{(10)}m_{011}^{(11)}m_{201}^{(22)}\\
&+m_{100}^{(10)}m_{011}^{(11)}m_{003}^{(00)} - m_{100}^{(10)}m_{011}^{(20)}m_{120}^{(22)} + m_{100}^{(10)}m_{011}^{(20)}m_{111}^{(21)} - m_{100}^{(10)}m_{011}^{(20)}m_{021}^{(20)}\\
&+m_{100}^{(10)}m_{011}^{(20)}m_{012}^{(10)} + m_{100}^{(10)}m_{011}^{(21)}m_{210}^{(22)} + m_{100}^{(10)}m_{011}^{(21)}m_{201}^{(21)} - m_{100}^{(10)}m_{011}^{(21)}m_{111}^{(20)}\\
&+m_{100}^{(10)}m_{011}^{(21)}m_{102}^{(10)} - 2m_{100}^{(10)}m_{011}^{(21)}m_{012}^{(00)} - m_{100}^{(10)}m_{011}^{(22)}m_{210}^{(21)} + m_{100}^{(10)}m_{011}^{(22)}m_{120}^{(20)}\\
&-m_{100}^{(10)}m_{011}^{(22)}m_{111}^{(10)} + m_{100}^{(10)}m_{011}^{(22)}m_{021}^{(00)} - m_{100}^{(10)}m_{002}^{(10)}m_{111}^{(21)} + m_{100}^{(10)}m_{002}^{(10)}m_{102}^{(11)}\\
&-m_{100}^{(10)}m_{002}^{(10)}m_{021}^{(20)} + m_{100}^{(10)}m_{002}^{(10)}m_{012}^{(10)} + m_{100}^{(10)}m_{002}^{(11)}m_{201}^{(21)} + m_{100}^{(10)}m_{002}^{(11)}m_{111}^{(20)}\\
&-m_{100}^{(10)}m_{002}^{(11)}m_{102}^{(10)} - m_{100}^{(10)}m_{002}^{(11)}m_{012}^{(00)} + m_{100}^{(10)}m_{002}^{(20)}m_{120}^{(21)} - m_{100}^{(10)}m_{002}^{(20)}m_{111}^{(11)}\\
&+m_{100}^{(10)}m_{002}^{(20)}m_{030}^{(20)} - m_{100}^{(10)}m_{002}^{(20)}m_{021}^{(10)} - m_{100}^{(10)}m_{002}^{(21)}m_{210}^{(21)} - m_{100}^{(10)}m_{002}^{(21)}m_{201}^{(11)}\\
&-m_{100}^{(10)}m_{002}^{(21)}m_{120}^{(20)} + m_{100}^{(10)}m_{002}^{(21)}m_{111}^{(10)} + 2m_{100}^{(10)}m_{002}^{(21)}m_{021}^{(00)} + m_{100}^{(10)}m_{002}^{(22)}m_{210}^{(11)}\\
&-m_{100}^{(10)}m_{002}^{(22)}m_{030}^{(00)} + m_{100}^{(11)}m_{200}^{(10)}m_{012}^{(22)} - m_{100}^{(11)}m_{200}^{(10)}m_{003}^{(21)} - m_{100}^{(11)}m_{200}^{(11)}m_{102}^{(22)}\\
&+m_{100}^{(11)}m_{200}^{(11)}m_{003}^{(20)} - m_{100}^{(11)}m_{200}^{(20)}m_{021}^{(22)} + m_{100}^{(11)}m_{200}^{(20)}m_{012}^{(21)} + m_{100}^{(11)}m_{200}^{(21)}m_{111}^{(22)}\\
&+m_{100}^{(11)}m_{200}^{(21)}m_{102}^{(21)} - 2m_{100}^{(11)}m_{200}^{(21)}m_{012}^{(20)} - m_{100}^{(11)}m_{200}^{(22)}m_{111}^{(21)} + m_{100}^{(11)}m_{200}^{(22)}m_{021}^{(20)}\\
&-m_{100}^{(11)}m_{101}^{(10)}m_{111}^{(22)} + m_{100}^{(11)}m_{101}^{(10)}m_{102}^{(21)} - m_{100}^{(11)}m_{101}^{(10)}m_{012}^{(20)} + m_{100}^{(11)}m_{101}^{(10)}m_{003}^{(10)}\\
&+m_{100}^{(11)}m_{101}^{(11)}m_{201}^{(22)} - m_{100}^{(11)}m_{101}^{(11)}m_{003}^{(00)} + m_{100}^{(11)}m_{101}^{(20)}m_{120}^{(22)} - m_{100}^{(11)}m_{101}^{(20)}m_{111}^{(21)}\\
&+m_{100}^{(11)}m_{101}^{(20)}m_{021}^{(20)} - m_{100}^{(11)}m_{101}^{(20)}m_{012}^{(10)} - m_{100}^{(11)}m_{101}^{(21)}m_{210}^{(22)} - m_{100}^{(11)}m_{101}^{(21)}m_{201}^{(21)}\\
&+m_{100}^{(11)}m_{101}^{(21)}m_{111}^{(20)} - m_{100}^{(11)}m_{101}^{(21)}m_{102}^{(10)} + 2m_{100}^{(11)}m_{101}^{(21)}m_{012}^{(00)} + m_{100}^{(11)}m_{101}^{(22)}m_{210}^{(21)}\\
&-m_{100}^{(11)}m_{101}^{(22)}m_{120}^{(20)} + m_{100}^{(11)}m_{101}^{(22)}m_{111}^{(10)} - m_{100}^{(11)}m_{101}^{(22)}m_{021}^{(00)} + m_{100}^{(11)}m_{002}^{(10)}m_{111}^{(20)}\\
&-m_{100}^{(11)}m_{002}^{(10)}m_{102}^{(10)} - m_{100}^{(11)}m_{002}^{(11)}m_{201}^{(20)} + m_{100}^{(11)}m_{002}^{(11)}m_{102}^{(00)} - m_{100}^{(11)}m_{002}^{(20)}m_{120}^{(20)}\\
&+m_{100}^{(11)}m_{002}^{(20)}m_{111}^{(10)} + m_{100}^{(11)}m_{002}^{(21)}m_{210}^{(20)} + m_{100}^{(11)}m_{002}^{(21)}m_{201}^{(10)} - 2m_{100}^{(11)}m_{002}^{(21)}m_{111}^{(00)}\\
&-m_{100}^{(11)}m_{002}^{(22)}m_{210}^{(10)} + m_{100}^{(11)}m_{002}^{(22)}m_{120}^{(00)} + m_{100}^{(20)}m_{110}^{(10)}m_{021}^{(22)} - m_{100}^{(20)}m_{110}^{(10)}m_{003}^{(11)}\\
&-m_{100}^{(20)}m_{110}^{(11)}m_{111}^{(22)} - m_{100}^{(20)}m_{110}^{(11)}m_{102}^{(21)} + m_{100}^{(20)}m_{110}^{(11)}m_{012}^{(20)} + m_{100}^{(20)}m_{110}^{(11)}m_{003}^{(10)}\\
&-m_{100}^{(20)}m_{110}^{(20)}m_{030}^{(22)} + m_{100}^{(20)}m_{110}^{(20)}m_{012}^{(11)} + m_{100}^{(20)}m_{110}^{(21)}m_{120}^{(22)} + 2m_{100}^{(20)}m_{110}^{(21)}m_{111}^{(21)}\\
&+m_{100}^{(20)}m_{110}^{(21)}m_{102}^{(11)} - 2m_{100}^{(20)}m_{110}^{(21)}m_{021}^{(20)} - 2m_{100}^{(20)}m_{110}^{(21)}m_{012}^{(10)} - m_{100}^{(20)}m_{110}^{(22)}m_{120}^{(21)}\\
&-m_{100}^{(20)}m_{110}^{(22)}m_{111}^{(11)} + m_{100}^{(20)}m_{110}^{(22)}m_{030}^{(20)} + m_{100}^{(20)}m_{110}^{(22)}m_{021}^{(10)} - 2m_{100}^{(20)}m_{101}^{(10)}m_{021}^{(21)}\\
&+2m_{100}^{(20)}m_{101}^{(10)}m_{012}^{(11)} + 2m_{100}^{(20)}m_{101}^{(11)}m_{111}^{(21)} - 2m_{100}^{(20)}m_{101}^{(11)}m_{012}^{(10)} + 2m_{100}^{(20)}m_{101}^{(20)}m_{030}^{(21)}\\
&-2m_{100}^{(20)}m_{101}^{(20)}m_{021}^{(11)} - 2m_{100}^{(20)}m_{101}^{(21)}m_{120}^{(21)} - 2m_{100}^{(20)}m_{101}^{(21)}m_{111}^{(11)} + 4m_{100}^{(20)}m_{101}^{(21)}m_{021}^{(10)}\\
&+2m_{100}^{(20)}m_{101}^{(22)}m_{120}^{(11)} - 2m_{100}^{(20)}m_{101}^{(22)}m_{030}^{(10)} - m_{100}^{(20)}m_{020}^{(10)}m_{111}^{(22)} + m_{100}^{(20)}m_{020}^{(10)}m_{102}^{(21)}\\
&-m_{100}^{(20)}m_{020}^{(10)}m_{012}^{(20)} + m_{100}^{(20)}m_{020}^{(10)}m_{003}^{(10)} + m_{100}^{(20)}m_{020}^{(11)}m_{201}^{(22)} - m_{100}^{(20)}m_{020}^{(11)}m_{003}^{(00)}\\
&+m_{100}^{(20)}m_{020}^{(20)}m_{120}^{(22)} - m_{100}^{(20)}m_{020}^{(20)}m_{111}^{(21)} + m_{100}^{(20)}m_{020}^{(20)}m_{021}^{(20)} - m_{100}^{(20)}m_{020}^{(20)}m_{012}^{(10)}\\
&-m_{100}^{(20)}m_{020}^{(21)}m_{210}^{(22)} - m_{100}^{(20)}m_{020}^{(21)}m_{201}^{(21)} + m_{100}^{(20)}m_{020}^{(21)}m_{111}^{(20)} - m_{100}^{(20)}m_{020}^{(21)}m_{102}^{(10)}\\
&+2m_{100}^{(20)}m_{020}^{(21)}m_{012}^{(00)} + m_{100}^{(20)}m_{020}^{(22)}m_{210}^{(21)} - m_{100}^{(20)}m_{020}^{(22)}m_{120}^{(20)} + m_{100}^{(20)}m_{020}^{(22)}m_{111}^{(10)}\\
&-m_{100}^{(20)}m_{020}^{(22)}m_{021}^{(00)} + m_{100}^{(20)}m_{011}^{(10)}m_{111}^{(21)} - m_{100}^{(20)}m_{011}^{(10)}m_{102}^{(11)} + m_{100}^{(20)}m_{011}^{(10)}m_{021}^{(20)}\\
&-m_{100}^{(20)}m_{011}^{(10)}m_{012}^{(10)} - m_{100}^{(20)}m_{011}^{(11)}m_{201}^{(21)} - m_{100}^{(20)}m_{011}^{(11)}m_{111}^{(20)} + m_{100}^{(20)}m_{011}^{(11)}m_{102}^{(10)}
\end{aligned}
$$

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\begin{aligned}
&+m_{100}^{(20)}m_{011}^{(11)}m_{012}^{(00)} - m_{100}^{(20)}m_{011}^{(20)}m_{120}^{(21)} + m_{100}^{(20)}m_{011}^{(20)}m_{111}^{(11)} - m_{100}^{(20)}m_{011}^{(20)}m_{030}^{(20)}\\
&+m_{100}^{(20)}m_{011}^{(20)}m_{021}^{(10)} + m_{100}^{(20)}m_{011}^{(21)}m_{210}^{(21)} + m_{100}^{(20)}m_{011}^{(21)}m_{201}^{(11)} + m_{100}^{(20)}m_{011}^{(21)}m_{120}^{(20)}\\
&-m_{100}^{(20)}m_{011}^{(21)}m_{111}^{(10)} - 2m_{100}^{(20)}m_{011}^{(21)}m_{021}^{(00)} - m_{100}^{(20)}m_{011}^{(22)}m_{210}^{(11)} + m_{100}^{(20)}m_{011}^{(22)}m_{030}^{(00)}\\
&-m_{100}^{(21)}m_{200}^{(10)}m_{021}^{(22)} + m_{100}^{(21)}m_{200}^{(10)}m_{003}^{(11)} + m_{100}^{(21)}m_{200}^{(11)}m_{111}^{(22)} + m_{100}^{(21)}m_{200}^{(11)}m_{102}^{(21)}\\
&-m_{100}^{(21)}m_{200}^{(11)}m_{012}^{(20)} - m_{100}^{(21)}m_{200}^{(11)}m_{003}^{(10)} + m_{100}^{(21)}m_{200}^{(20)}m_{030}^{(22)} - m_{100}^{(21)}m_{200}^{(20)}m_{012}^{(11)}\\
&-m_{100}^{(21)}m_{200}^{(21)}m_{120}^{(22)} - 2m_{100}^{(21)}m_{200}^{(21)}m_{111}^{(21)} - m_{100}^{(21)}m_{200}^{(21)}m_{102}^{(11)} + 2m_{100}^{(21)}m_{200}^{(21)}m_{021}^{(20)}\\
&+2m_{100}^{(21)}m_{200}^{(21)}m_{012}^{(10)} + m_{100}^{(21)}m_{200}^{(22)}m_{120}^{(21)} + m_{100}^{(21)}m_{200}^{(22)}m_{111}^{(11)} - m_{100}^{(21)}m_{200}^{(22)}m_{030}^{(20)}\\
&-m_{100}^{(21)}m_{200}^{(22)}m_{021}^{(10)} + m_{100}^{(21)}m_{110}^{(10)}m_{111}^{(22)} - m_{100}^{(21)}m_{110}^{(10)}m_{102}^{(21)} + m_{100}^{(21)}m_{110}^{(10)}m_{012}^{(20)}\\
&-m_{100}^{(21)}m_{110}^{(10)}m_{003}^{(10)} - m_{100}^{(21)}m_{110}^{(11)}m_{201}^{(22)} + m_{100}^{(21)}m_{110}^{(11)}m_{003}^{(00)} - m_{100}^{(21)}m_{110}^{(20)}m_{120}^{(22)}\\
&+m_{100}^{(21)}m_{110}^{(20)}m_{111}^{(21)} - m_{100}^{(21)}m_{110}^{(20)}m_{021}^{(20)} + m_{100}^{(21)}m_{110}^{(20)}m_{012}^{(10)} + m_{100}^{(21)}m_{110}^{(21)}m_{210}^{(22)}\\
&+m_{100}^{(21)}m_{110}^{(21)}m_{201}^{(21)} - m_{100}^{(21)}m_{110}^{(21)}m_{111}^{(20)} + m_{100}^{(21)}m_{110}^{(21)}m_{102}^{(10)} - 2m_{100}^{(21)}m_{110}^{(21)}m_{012}^{(00)}\\
&-m_{100}^{(21)}m_{110}^{(22)}m_{210}^{(21)} + m_{100}^{(21)}m_{110}^{(22)}m_{120}^{(20)} - m_{100}^{(21)}m_{110}^{(22)}m_{111}^{(10)} + m_{100}^{(21)}m_{110}^{(22)}m_{021}^{(00)}\\
&+m_{100}^{(21)}m_{101}^{(10)}m_{111}^{(21)} - m_{100}^{(21)}m_{101}^{(10)}m_{102}^{(11)} + m_{100}^{(21)}m_{101}^{(10)}m_{021}^{(20)} - m_{100}^{(21)}m_{101}^{(10)}m_{012}^{(10)}\\
&-m_{100}^{(21)}m_{101}^{(11)}m_{201}^{(21)} - m_{100}^{(21)}m_{101}^{(11)}m_{111}^{(20)} + m_{100}^{(21)}m_{101}^{(11)}m_{102}^{(10)} + m_{100}^{(21)}m_{101}^{(11)}m_{012}^{(00)}\\
&-m_{100}^{(21)}m_{101}^{(20)}m_{120}^{(21)} + m_{100}^{(21)}m_{101}^{(20)}m_{111}^{(11)} - m_{100}^{(21)}m_{101}^{(20)}m_{030}^{(20)} + m_{100}^{(21)}m_{101}^{(20)}m_{021}^{(10)}\\
&+m_{100}^{(21)}m_{101}^{(21)}m_{210}^{(21)} + m_{100}^{(21)}m_{101}^{(21)}m_{201}^{(11)} + m_{100}^{(21)}m_{101}^{(21)}m_{120}^{(20)} - m_{100}^{(21)}m_{101}^{(21)}m_{111}^{(10)}\\
&-2m_{100}^{(21)}m_{101}^{(21)}m_{021}^{(00)} - m_{100}^{(21)}m_{101}^{(22)}m_{210}^{(11)} + m_{100}^{(21)}m_{101}^{(22)}m_{030}^{(00)} - 2m_{100}^{(21)}m_{011}^{(10)}m_{111}^{(20)}\\
&+2m_{100}^{(21)}m_{011}^{(10)}m_{102}^{(10)} + 2m_{100}^{(21)}m_{011}^{(11)}m_{201}^{(20)} - 2m_{100}^{(21)}m_{011}^{(11)}m_{102}^{(00)} + 2m_{100}^{(21)}m_{011}^{(20)}m_{120}^{(20)}\\
&-2m_{100}^{(21)}m_{011}^{(20)}m_{111}^{(10)} - 2m_{100}^{(21)}m_{011}^{(21)}m_{210}^{(20)} - 2m_{100}^{(21)}m_{011}^{(21)}m_{201}^{(10)} + 4m_{100}^{(21)}m_{011}^{(21)}m_{111}^{(00)}\\
&+2m_{100}^{(21)}m_{011}^{(22)}m_{210}^{(10)} - 2m_{100}^{(21)}m_{011}^{(22)}m_{120}^{(00)} + m_{100}^{(22)}m_{200}^{(10)}m_{021}^{(21)} - m_{100}^{(22)}m_{200}^{(10)}m_{012}^{(11)}\\
&-m_{100}^{(22)}m_{200}^{(11)}m_{111}^{(21)} + m_{100}^{(22)}m_{200}^{(11)}m_{012}^{(10)} - m_{100}^{(22)}m_{200}^{(20)}m_{030}^{(21)} + m_{100}^{(22)}m_{200}^{(20)}m_{021}^{(11)}\\
&+m_{100}^{(22)}m_{200}^{(21)}m_{120}^{(21)} + m_{100}^{(22)}m_{200}^{(21)}m_{111}^{(11)} - 2m_{100}^{(22)}m_{200}^{(21)}m_{021}^{(10)} - m_{100}^{(22)}m_{200}^{(22)}m_{120}^{(11)}\\
&+m_{100}^{(22)}m_{200}^{(22)}m_{030}^{(10)} - m_{100}^{(22)}m_{110}^{(10)}m_{111}^{(21)} + m_{100}^{(22)}m_{110}^{(10)}m_{102}^{(11)} - m_{100}^{(22)}m_{110}^{(10)}m_{021}^{(20)}\\
&+m_{100}^{(22)}m_{110}^{(10)}m_{012}^{(10)} + m_{100}^{(22)}m_{110}^{(11)}m_{201}^{(21)} + m_{100}^{(22)}m_{110}^{(11)}m_{111}^{(20)} - m_{100}^{(22)}m_{110}^{(11)}m_{102}^{(10)}\\
&-m_{100}^{(22)}m_{110}^{(11)}m_{012}^{(00)} + m_{100}^{(22)}m_{110}^{(20)}m_{120}^{(21)} - m_{100}^{(22)}m_{110}^{(20)}m_{111}^{(11)} + m_{100}^{(22)}m_{110}^{(20)}m_{030}^{(20)}\\
&-m_{100}^{(22)}m_{110}^{(20)}m_{021}^{(10)} - m_{100}^{(22)}m_{110}^{(21)}m_{210}^{(21)} - m_{100}^{(22)}m_{110}^{(21)}m_{201}^{(11)} - m_{100}^{(22)}m_{110}^{(21)}m_{120}^{(20)}\\
&+m_{100}^{(22)}m_{110}^{(21)}m_{111}^{(10)} + 2m_{100}^{(22)}m_{110}^{(21)}m_{021}^{(00)} + m_{100}^{(22)}m_{110}^{(22)}m_{210}^{(11)} - m_{100}^{(22)}m_{110}^{(22)}m_{030}^{(00)}\\
&+m_{100}^{(22)}m_{020}^{(10)}m_{111}^{(20)} - m_{100}^{(22)}m_{020}^{(10)}m_{102}^{(10)} - m_{100}^{(22)}m_{020}^{(11)}m_{201}^{(20)} + m_{100}^{(22)}m_{020}^{(11)}m_{102}^{(00)}\\
&-m_{100}^{(22)}m_{020}^{(20)}m_{120}^{(20)} + m_{100}^{(22)}m_{020}^{(20)}m_{111}^{(10)} + m_{100}^{(22)}m_{020}^{(21)}m_{210}^{(20)} + m_{100}^{(22)}m_{020}^{(21)}m_{201}^{(10)}\\
&-2m_{100}^{(22)}m_{020}^{(21)}m_{111}^{(00)} - m_{100}^{(22)}m_{020}^{(22)}m_{210}^{(10)} + m_{100}^{(22)}m_{020}^{(22)}m_{120}^{(00)} - m_{010}^{(00)}m_{020}^{(00)}m_{012}^{(22)}\\
&+m_{010}^{(00)}m_{020}^{(00)}m_{003}^{(21)} + m_{010}^{(00)}m_{020}^{(10)}m_{102}^{(22)} - m_{010}^{(00)}m_{020}^{(10)}m_{003}^{(20)} + m_{010}^{(00)}m_{020}^{(20)}m_{111}^{(22)}\\
&-2m_{010}^{(00)}m_{020}^{(20)}m_{102}^{(21)} + m_{010}^{(00)}m_{020}^{(20)}m_{012}^{(20)} - m_{010}^{(00)}m_{020}^{(21)}m_{201}^{(22)} + m_{010}^{(00)}m_{020}^{(21)}m_{102}^{(20)}\\
&+m_{010}^{(00)}m_{020}^{(22)}m_{201}^{(21)} - m_{010}^{(00)}m_{020}^{(22)}m_{111}^{(20)} + m_{010}^{(00)}m_{011}^{(00)}m_{021}^{(22)} - m_{010}^{(00)}m_{011}^{(00)}m_{003}^{(11)}\\
&-m_{010}^{(00)}m_{011}^{(10)}m_{111}^{(22)} - m_{010}^{(00)}m_{011}^{(10)}m_{102}^{(21)} + m_{010}^{(00)}m_{011}^{(10)}m_{012}^{(20)} + m_{010}^{(00)}m_{011}^{(10)}m_{003}^{(10)}\\
&-m_{010}^{(00)}m_{011}^{(20)}m_{120}^{(22)} + m_{010}^{(00)}m_{011}^{(20)}m_{111}^{(21)} + 2m_{010}^{(00)}m_{011}^{(20)}m_{102}^{(11)} - m_{010}^{(00)}m_{011}^{(20)}m_{021}^{(20)}\\
&-m_{010}^{(00)}m_{011}^{(20)}m_{012}^{(10)} + m_{010}^{(00)}m_{011}^{(21)}m_{210}^{(22)} + m_{010}^{(00)}m_{011}^{(21)}m_{201}^{(21)} - m_{010}^{(00)}m_{011}^{(21)}m_{111}^{(20)}\\
&-m_{010}^{(00)}m_{011}^{(21)}m_{102}^{(10)} - m_{010}^{(00)}m_{011}^{(22)}m_{210}^{(21)} - m_{010}^{(00)}m_{011}^{(22)}m_{201}^{(11)} + m_{010}^{(00)}m_{011}^{(22)}m_{120}^{(20)}\\
&+m_{010}^{(00)}m_{011}^{(22)}m_{111}^{(10)} - m_{010}^{(00)}m_{002}^{(00)}m_{021}^{(21)} + m_{010}^{(00)}m_{002}^{(00)}m_{012}^{(11)} + m_{010}^{(00)}m_{002}^{(10)}m_{111}^{(21)}
\end{aligned}
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$$
\begin{aligned}
&-m_{010}^{(00)}m_{002}^{(10)}m_{012}^{(10)}+m_{010}^{(00)}m_{002}^{(20)}m_{120}^{(21)}-2m_{010}^{(00)}m_{002}^{(20)}m_{111}^{(11)}+m_{010}^{(00)}m_{002}^{(20)}m_{021}^{(10)}\\
&-m_{010}^{(00)}m_{002}^{(21)}m_{210}^{(21)}+m_{010}^{(00)}m_{002}^{(21)}m_{111}^{(10)}+m_{010}^{(00)}m_{002}^{(22)}m_{210}^{(11)}-m_{010}^{(00)}m_{002}^{(22)}m_{120}^{(10)}\\
&+2m_{010}^{(10)}m_{110}^{(00)}m_{012}^{(22)}-2m_{010}^{(10)}m_{110}^{(00)}m_{003}^{(21)}-2m_{010}^{(10)}m_{110}^{(10)}m_{102}^{(22)}+2m_{010}^{(10)}m_{110}^{(10)}m_{003}^{(20)}\\
&-2m_{010}^{(10)}m_{110}^{(20)}m_{111}^{(22)}+4m_{010}^{(10)}m_{110}^{(20)}m_{102}^{(21)}-2m_{010}^{(10)}m_{110}^{(20)}m_{012}^{(20)}+2m_{010}^{(10)}m_{110}^{(21)}m_{201}^{(22)}\\
&-2m_{010}^{(10)}m_{110}^{(21)}m_{102}^{(20)}-2m_{010}^{(10)}m_{110}^{(22)}m_{201}^{(21)}+2m_{010}^{(10)}m_{110}^{(22)}m_{111}^{(20)}-m_{010}^{(10)}m_{101}^{(00)}m_{021}^{(22)}\\
&+m_{010}^{(10)}m_{101}^{(00)}m_{003}^{(11)}+m_{010}^{(10)}m_{101}^{(10)}m_{111}^{(22)}+m_{010}^{(10)}m_{101}^{(10)}m_{102}^{(21)}-m_{010}^{(10)}m_{101}^{(10)}m_{012}^{(20)}\\
&-m_{010}^{(10)}m_{101}^{(10)}m_{003}^{(10)}+m_{010}^{(10)}m_{101}^{(20)}m_{120}^{(22)}-m_{010}^{(10)}m_{101}^{(20)}m_{111}^{(21)}-2m_{010}^{(10)}m_{101}^{(20)}m_{102}^{(11)}\\
&+m_{010}^{(10)}m_{101}^{(20)}m_{021}^{(20)}+m_{010}^{(10)}m_{101}^{(20)}m_{012}^{(10)}-m_{010}^{(10)}m_{101}^{(21)}m_{210}^{(22)}-m_{010}^{(10)}m_{101}^{(21)}m_{201}^{(21)}\\
&+m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(20)}+m_{010}^{(10)}m_{101}^{(21)}m_{102}^{(10)}+m_{010}^{(10)}m_{101}^{(22)}m_{210}^{(21)}+m_{010}^{(10)}m_{101}^{(22)}m_{201}^{(11)}\\
&-m_{010}^{(10)}m_{101}^{(22)}m_{120}^{(20)}-m_{010}^{(10)}m_{101}^{(22)}m_{111}^{(10)}-m_{010}^{(10)}m_{011}^{(00)}m_{111}^{(22)}+m_{010}^{(10)}m_{011}^{(00)}m_{102}^{(21)}\\
&-m_{010}^{(10)}m_{011}^{(00)}m_{012}^{(20)}+m_{010}^{(10)}m_{011}^{(00)}m_{003}^{(10)}+m_{010}^{(10)}m_{011}^{(10)}m_{201}^{(22)}-m_{010}^{(10)}m_{011}^{(10)}m_{003}^{(00)}\\
&+m_{010}^{(10)}m_{011}^{(20)}m_{210}^{(22)}-2m_{010}^{(10)}m_{011}^{(20)}m_{201}^{(21)}+2m_{010}^{(10)}m_{011}^{(20)}m_{111}^{(20)}-2m_{010}^{(10)}m_{011}^{(20)}m_{102}^{(10)}\\
&+m_{010}^{(10)}m_{011}^{(20)}m_{012}^{(00)}-m_{010}^{(10)}m_{011}^{(21)}m_{300}^{(22)}+m_{010}^{(10)}m_{011}^{(21)}m_{102}^{(00)}+m_{010}^{(10)}m_{011}^{(22)}m_{300}^{(21)}\\
&-m_{010}^{(10)}m_{011}^{(22)}m_{210}^{(20)}+m_{010}^{(10)}m_{011}^{(22)}m_{201}^{(10)}-m_{010}^{(10)}m_{011}^{(22)}m_{111}^{(00)}+m_{010}^{(10)}m_{002}^{(00)}m_{111}^{(21)}\\
&-m_{010}^{(10)}m_{002}^{(00)}m_{102}^{(11)}+m_{010}^{(10)}m_{002}^{(00)}m_{021}^{(20)}-m_{010}^{(10)}m_{002}^{(00)}m_{012}^{(10)}-m_{010}^{(10)}m_{002}^{(10)}m_{201}^{(21)}\\
&-m_{010}^{(10)}m_{002}^{(10)}m_{111}^{(20)}+m_{010}^{(10)}m_{002}^{(10)}m_{102}^{(10)}+m_{010}^{(10)}m_{002}^{(10)}m_{012}^{(00)}-m_{010}^{(10)}m_{002}^{(20)}m_{210}^{(21)}\\
&+2m_{010}^{(10)}m_{002}^{(20)}m_{201}^{(11)}-m_{010}^{(10)}m_{002}^{(20)}m_{120}^{(20)}+m_{010}^{(10)}m_{002}^{(20)}m_{111}^{(10)}-m_{010}^{(10)}m_{002}^{(20)}m_{021}^{(00)}\\
&+m_{010}^{(10)}m_{002}^{(21)}m_{300}^{(21)}+m_{010}^{(10)}m_{002}^{(21)}m_{210}^{(20)}-m_{010}^{(10)}m_{002}^{(21)}m_{201}^{(10)}-m_{010}^{(10)}m_{002}^{(21)}m_{111}^{(00)}\\
&-m_{010}^{(10)}m_{002}^{(22)}m_{300}^{(11)}+m_{010}^{(10)}m_{002}^{(22)}m_{120}^{(00)}-m_{010}^{(11)}m_{200}^{(00)}m_{012}^{(22)}+m_{010}^{(11)}m_{200}^{(00)}m_{003}^{(21)}\\
&+m_{010}^{(11)}m_{200}^{(10)}m_{102}^{(22)}-m_{010}^{(11)}m_{200}^{(10)}m_{003}^{(20)}+m_{010}^{(11)}m_{200}^{(20)}m_{111}^{(22)}-2m_{010}^{(11)}m_{200}^{(20)}m_{102}^{(21)}\\
&+m_{010}^{(11)}m_{200}^{(20)}m_{012}^{(20)}-m_{010}^{(11)}m_{200}^{(21)}m_{201}^{(22)}+m_{010}^{(11)}m_{200}^{(21)}m_{102}^{(20)}+m_{010}^{(11)}m_{200}^{(22)}m_{201}^{(21)}\\
&-m_{010}^{(11)}m_{200}^{(22)}m_{111}^{(20)}+m_{010}^{(11)}m_{101}^{(00)}m_{111}^{(22)}-m_{010}^{(11)}m_{101}^{(00)}m_{102}^{(21)}+m_{010}^{(11)}m_{101}^{(00)}m_{012}^{(20)}\\
&-m_{010}^{(11)}m_{101}^{(00)}m_{003}^{(10)}-m_{010}^{(11)}m_{101}^{(10)}m_{201}^{(22)}+m_{010}^{(11)}m_{101}^{(10)}m_{003}^{(00)}-m_{010}^{(11)}m_{101}^{(20)}m_{210}^{(22)}\\
&+2m_{010}^{(11)}m_{101}^{(20)}m_{201}^{(21)}-2m_{010}^{(11)}m_{101}^{(20)}m_{111}^{(20)}+2m_{010}^{(11)}m_{101}^{(20)}m_{102}^{(10)}-m_{010}^{(11)}m_{101}^{(20)}m_{012}^{(00)}\\
&+m_{010}^{(11)}m_{101}^{(21)}m_{300}^{(22)}-m_{010}^{(11)}m_{101}^{(21)}m_{102}^{(00)}-m_{010}^{(11)}m_{101}^{(22)}m_{300}^{(21)}+m_{010}^{(11)}m_{101}^{(22)}m_{210}^{(20)}\\
&-m_{010}^{(11)}m_{101}^{(22)}m_{201}^{(10)}+m_{010}^{(11)}m_{101}^{(22)}m_{111}^{(00)}-m_{010}^{(11)}m_{002}^{(00)}m_{111}^{(20)}+m_{010}^{(11)}m_{002}^{(00)}m_{102}^{(10)}\\
&+m_{010}^{(11)}m_{002}^{(10)}m_{201}^{(20)}-m_{010}^{(11)}m_{002}^{(10)}m_{102}^{(00)}+m_{010}^{(11)}m_{002}^{(20)}m_{210}^{(20)}-2m_{010}^{(11)}m_{002}^{(20)}m_{201}^{(10)}\\
&+m_{010}^{(11)}m_{002}^{(20)}m_{111}^{(00)}-m_{010}^{(11)}m_{002}^{(21)}m_{300}^{(20)}+m_{010}^{(11)}m_{002}^{(21)}m_{201}^{(00)}+m_{010}^{(11)}m_{002}^{(22)}m_{300}^{(10)}\\
&-m_{010}^{(11)}m_{002}^{(22)}m_{210}^{(00)}-m_{010}^{(20)}m_{110}^{(00)}m_{021}^{(22)}+m_{010}^{(20)}m_{110}^{(00)}m_{003}^{(11)}+m_{010}^{(20)}m_{110}^{(10)}m_{111}^{(22)}\\
&+m_{010}^{(20)}m_{110}^{(10)}m_{102}^{(21)}-m_{010}^{(20)}m_{110}^{(10)}m_{012}^{(20)}-m_{010}^{(20)}m_{110}^{(10)}m_{003}^{(10)}+m_{010}^{(20)}m_{110}^{(20)}m_{120}^{(22)}\\
&-m_{010}^{(20)}m_{110}^{(20)}m_{111}^{(21)}-2m_{010}^{(20)}m_{110}^{(20)}m_{102}^{(11)}+m_{010}^{(20)}m_{110}^{(20)}m_{021}^{(20)}+m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(10)}\\
&-m_{010}^{(20)}m_{110}^{(21)}m_{210}^{(22)}-m_{010}^{(20)}m_{110}^{(21)}m_{201}^{(21)}+m_{010}^{(20)}m_{110}^{(21)}m_{111}^{(20)}+m_{010}^{(20)}m_{110}^{(21)}m_{102}^{(10)}\\
&+m_{010}^{(20)}m_{110}^{(22)}m_{210}^{(21)}+m_{010}^{(20)}m_{110}^{(22)}m_{201}^{(11)}-m_{010}^{(20)}m_{110}^{(22)}m_{120}^{(20)}-m_{010}^{(20)}m_{110}^{(22)}m_{111}^{(10)}\\
&+2m_{010}^{(20)}m_{101}^{(00)}m_{021}^{(21)}-2m_{010}^{(20)}m_{101}^{(00)}m_{012}^{(11)}-2m_{010}^{(20)}m_{101}^{(10)}m_{111}^{(21)}+2m_{010}^{(20)}m_{101}^{(10)}m_{012}^{(10)}\\
&-2m_{010}^{(20)}m_{101}^{(20)}m_{120}^{(21)}+4m_{010}^{(20)}m_{101}^{(20)}m_{111}^{(11)}-2m_{010}^{(20)}m_{101}^{(20)}m_{021}^{(10)}+2m_{010}^{(20)}m_{101}^{(21)}m_{210}^{(21)}\\
&-2m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(10)}-2m_{010}^{(20)}m_{101}^{(22)}m_{210}^{(11)}+2m_{010}^{(20)}m_{101}^{(22)}m_{120}^{(10)}+m_{010}^{(20)}m_{020}^{(00)}m_{111}^{(22)}\\
&-m_{010}^{(20)}m_{020}^{(00)}m_{102}^{(21)}+m_{010}^{(20)}m_{020}^{(00)}m_{012}^{(20)}-m_{010}^{(20)}m_{020}^{(00)}m_{003}^{(10)}-m_{010}^{(20)}m_{020}^{(10)}m_{201}^{(22)}\\
&+m_{010}^{(20)}m_{020}^{(10)}m_{003}^{(00)}-m_{010}^{(20)}m_{020}^{(20)}m_{210}^{(22)}+2m_{010}^{(20)}m_{020}^{(20)}m_{201}^{(21)}-2m_{010}^{(20)}m_{020}^{(20)}m_{111}^{(20)}
\end{aligned}
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\begin{aligned}
&+2m_{010}^{(20)}m_{020}^{(20)}m_{102}^{(10)} - m_{010}^{(20)}m_{020}^{(20)}m_{012}^{(00)} + m_{010}^{(20)}m_{020}^{(21)}m_{300}^{(22)} - m_{010}^{(20)}m_{020}^{(21)}m_{102}^{(00)}\\
&-m_{010}^{(20)}m_{020}^{(22)}m_{300}^{(21)} + m_{010}^{(20)}m_{020}^{(22)}m_{210}^{(20)} - m_{010}^{(20)}m_{020}^{(22)}m_{201}^{(10)} + m_{010}^{(20)}m_{020}^{(22)}m_{111}^{(00)}\\
&-m_{010}^{(20)}m_{011}^{(00)}m_{111}^{(21)} + m_{010}^{(20)}m_{011}^{(00)}m_{102}^{(11)} - m_{010}^{(20)}m_{011}^{(00)}m_{021}^{(20)} + m_{010}^{(20)}m_{011}^{(00)}m_{012}^{(10)}\\
&+m_{010}^{(20)}m_{011}^{(10)}m_{201}^{(21)} + m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(20)} - m_{010}^{(20)}m_{011}^{(10)}m_{102}^{(10)} - m_{010}^{(20)}m_{011}^{(10)}m_{012}^{(00)}\\
&+m_{010}^{(20)}m_{011}^{(20)}m_{210}^{(21)} - 2m_{010}^{(20)}m_{011}^{(20)}m_{201}^{(11)} + m_{010}^{(20)}m_{011}^{(20)}m_{120}^{(20)} - m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(10)}\\
&+m_{010}^{(20)}m_{011}^{(20)}m_{021}^{(00)} - m_{010}^{(20)}m_{011}^{(21)}m_{300}^{(21)} - m_{010}^{(20)}m_{011}^{(21)}m_{210}^{(20)} + m_{010}^{(20)}m_{011}^{(21)}m_{201}^{(10)}\\
&+m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(00)} + m_{010}^{(20)}m_{011}^{(22)}m_{300}^{(11)} - m_{010}^{(20)}m_{011}^{(22)}m_{120}^{(00)} + m_{010}^{(21)}m_{200}^{(00)}m_{021}^{(22)}\\
&-m_{010}^{(21)}m_{200}^{(00)}m_{003}^{(11)} - m_{010}^{(21)}m_{200}^{(10)}m_{111}^{(22)} - m_{010}^{(21)}m_{200}^{(10)}m_{102}^{(21)} + m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(20)}\\
&+m_{010}^{(21)}m_{200}^{(10)}m_{003}^{(10)} - m_{010}^{(21)}m_{200}^{(20)}m_{120}^{(22)} + m_{010}^{(21)}m_{200}^{(20)}m_{111}^{(21)} + 2m_{010}^{(21)}m_{200}^{(20)}m_{102}^{(11)}\\
&-m_{010}^{(21)}m_{200}^{(20)}m_{021}^{(20)} - m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(10)} + m_{010}^{(21)}m_{200}^{(21)}m_{210}^{(22)} + m_{010}^{(21)}m_{200}^{(21)}m_{201}^{(21)}\\
&-m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(20)} - m_{010}^{(21)}m_{200}^{(21)}m_{102}^{(10)} - m_{010}^{(21)}m_{200}^{(22)}m_{210}^{(21)} - m_{010}^{(21)}m_{200}^{(22)}m_{201}^{(11)}\\
&+m_{010}^{(21)}m_{200}^{(22)}m_{120}^{(20)} + m_{010}^{(21)}m_{200}^{(22)}m_{111}^{(10)} - m_{010}^{(21)}m_{110}^{(00)}m_{111}^{(22)} + m_{010}^{(21)}m_{110}^{(00)}m_{102}^{(21)}\\
&-m_{010}^{(21)}m_{110}^{(00)}m_{012}^{(20)} + m_{010}^{(21)}m_{110}^{(00)}m_{003}^{(10)} + m_{010}^{(21)}m_{110}^{(10)}m_{201}^{(22)} - m_{010}^{(21)}m_{110}^{(10)}m_{003}^{(00)}\\
&+m_{010}^{(21)}m_{110}^{(20)}m_{210}^{(22)} - 2m_{010}^{(21)}m_{110}^{(20)}m_{201}^{(21)} + 2m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(20)} - 2m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(10)}\\
&+m_{010}^{(21)}m_{110}^{(20)}m_{012}^{(00)} - m_{010}^{(21)}m_{110}^{(21)}m_{300}^{(22)} + m_{010}^{(21)}m_{110}^{(21)}m_{102}^{(00)} + m_{010}^{(21)}m_{110}^{(22)}m_{300}^{(21)}\\
&-m_{010}^{(21)}m_{110}^{(22)}m_{210}^{(20)} + m_{010}^{(21)}m_{110}^{(22)}m_{201}^{(10)} - m_{010}^{(21)}m_{110}^{(22)}m_{111}^{(00)} - m_{010}^{(21)}m_{101}^{(00)}m_{111}^{(21)}\\
&+m_{010}^{(21)}m_{101}^{(00)}m_{102}^{(11)} - m_{010}^{(21)}m_{101}^{(00)}m_{021}^{(20)} + m_{010}^{(21)}m_{101}^{(00)}m_{012}^{(10)} + m_{010}^{(21)}m_{101}^{(10)}m_{201}^{(21)}\\
&+m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(20)} - m_{010}^{(21)}m_{101}^{(10)}m_{102}^{(10)} - m_{010}^{(21)}m_{101}^{(10)}m_{012}^{(00)} + m_{010}^{(21)}m_{101}^{(20)}m_{210}^{(21)}\\
&-2m_{010}^{(21)}m_{101}^{(20)}m_{201}^{(11)} + m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(20)} - m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(10)} + m_{010}^{(21)}m_{101}^{(20)}m_{021}^{(00)}\\
&-m_{010}^{(21)}m_{101}^{(21)}m_{300}^{(21)} - m_{010}^{(21)}m_{101}^{(21)}m_{210}^{(20)} + m_{010}^{(21)}m_{101}^{(21)}m_{201}^{(10)} + m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(00)}\\
&+m_{010}^{(21)}m_{101}^{(22)}m_{300}^{(11)} - m_{010}^{(21)}m_{101}^{(22)}m_{120}^{(00)} + 2m_{010}^{(21)}m_{011}^{(00)}m_{111}^{(20)} - 2m_{010}^{(21)}m_{011}^{(00)}m_{102}^{(10)}\\
&-2m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(20)} + 2m_{010}^{(21)}m_{011}^{(10)}m_{102}^{(00)} - 2m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(20)} + 4m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(10)}\\
&-2m_{010}^{(21)}m_{011}^{(20)}m_{111}^{(00)} + 2m_{010}^{(21)}m_{011}^{(21)}m_{300}^{(20)} - 2m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(00)} - 2m_{010}^{(21)}m_{011}^{(22)}m_{300}^{(10)}\\
&+2m_{010}^{(21)}m_{011}^{(22)}m_{210}^{(00)} - m_{010}^{(22)}m_{200}^{(00)}m_{021}^{(21)} + m_{010}^{(22)}m_{200}^{(00)}m_{012}^{(11)} + m_{010}^{(22)}m_{200}^{(10)}m_{111}^{(21)}\\
&-m_{010}^{(22)}m_{200}^{(10)}m_{012}^{(10)} + m_{010}^{(22)}m_{200}^{(20)}m_{120}^{(21)} - 2m_{010}^{(22)}m_{200}^{(20)}m_{111}^{(11)} + m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(10)}\\
&-m_{010}^{(22)}m_{200}^{(21)}m_{210}^{(21)} + m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(10)} + m_{010}^{(22)}m_{200}^{(22)}m_{210}^{(11)} - m_{010}^{(22)}m_{200}^{(22)}m_{120}^{(10)}\\
&+m_{010}^{(22)}m_{110}^{(00)}m_{111}^{(21)} - m_{010}^{(22)}m_{110}^{(00)}m_{102}^{(11)} + m_{010}^{(22)}m_{110}^{(00)}m_{021}^{(20)} - m_{010}^{(22)}m_{110}^{(00)}m_{012}^{(10)}\\
&-m_{010}^{(22)}m_{110}^{(10)}m_{201}^{(21)} - m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(20)} + m_{010}^{(22)}m_{110}^{(10)}m_{102}^{(10)} + m_{010}^{(22)}m_{110}^{(10)}m_{012}^{(00)}\\
&-m_{010}^{(22)}m_{110}^{(20)}m_{210}^{(21)} + 2m_{010}^{(22)}m_{110}^{(20)}m_{201}^{(11)} - m_{010}^{(22)}m_{110}^{(20)}m_{120}^{(20)} + m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(10)}\\
&-m_{010}^{(22)}m_{110}^{(20)}m_{021}^{(00)} + m_{010}^{(22)}m_{110}^{(21)}m_{300}^{(21)} + m_{010}^{(22)}m_{110}^{(21)}m_{210}^{(20)} - m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(10)}\\
&-m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(00)} - m_{010}^{(22)}m_{110}^{(22)}m_{300}^{(11)} + m_{010}^{(22)}m_{110}^{(22)}m_{120}^{(00)} - m_{010}^{(22)}m_{020}^{(00)}m_{111}^{(20)}\\
&+m_{010}^{(22)}m_{020}^{(00)}m_{102}^{(10)} + m_{010}^{(22)}m_{020}^{(10)}m_{201}^{(20)} - m_{010}^{(22)}m_{020}^{(10)}m_{102}^{(00)} + m_{010}^{(22)}m_{020}^{(20)}m_{210}^{(20)}\\
&-2m_{010}^{(22)}m_{020}^{(20)}m_{201}^{(10)} + m_{010}^{(22)}m_{020}^{(20)}m_{111}^{(00)} - m_{010}^{(22)}m_{020}^{(21)}m_{300}^{(20)} + m_{010}^{(22)}m_{020}^{(21)}m_{201}^{(00)}\\
&+m_{010}^{(22)}m_{020}^{(22)}m_{300}^{(10)} - m_{010}^{(22)}m_{020}^{(22)}m_{210}^{(00)} + m_{001}^{(00)}m_{020}^{(00)}m_{021}^{(22)} - m_{001}^{(00)}m_{020}^{(00)}m_{012}^{(21)}\\
&-2m_{001}^{(00)}m_{020}^{(10)}m_{111}^{(22)} + m_{001}^{(00)}m_{020}^{(10)}m_{102}^{(21)} + m_{001}^{(00)}m_{020}^{(10)}m_{012}^{(20)} + m_{001}^{(00)}m_{020}^{(11)}m_{201}^{(22)}\\
&-m_{001}^{(00)}m_{020}^{(11)}m_{102}^{(20)} + m_{001}^{(00)}m_{020}^{(20)}m_{111}^{(21)} - m_{001}^{(00)}m_{020}^{(20)}m_{021}^{(20)} - m_{001}^{(00)}m_{020}^{(21)}m_{201}^{(21)}\\
&+m_{001}^{(00)}m_{020}^{(21)}m_{111}^{(20)} - m_{001}^{(00)}m_{011}^{(00)}m_{030}^{(22)} + m_{001}^{(00)}m_{011}^{(00)}m_{012}^{(11)} + 2m_{001}^{(00)}m_{011}^{(10)}m_{120}^{(22)}\\
&+m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(21)} - m_{001}^{(00)}m_{011}^{(10)}m_{102}^{(11)} - m_{001}^{(00)}m_{011}^{(10)}m_{021}^{(20)} - m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(10)}
\end{aligned}
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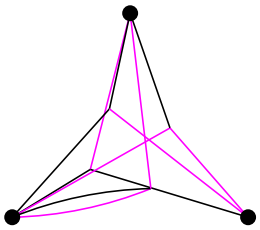
\begin{aligned}
&-m_{001}^{(00)}m_{011}^{(11)}m_{210}^{(22)} - m_{001}^{(00)}m_{011}^{(11)}m_{201}^{(21)} + m_{001}^{(00)}m_{011}^{(11)}m_{111}^{(20)} + m_{001}^{(00)}m_{011}^{(11)}m_{102}^{(10)}\\
&-m_{001}^{(00)}m_{011}^{(20)}m_{120}^{(21)} - m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(11)} + m_{001}^{(00)}m_{011}^{(20)}m_{030}^{(20)} + m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(10)}\\
&+m_{001}^{(00)}m_{011}^{(21)}m_{210}^{(21)} + m_{001}^{(00)}m_{011}^{(21)}m_{201}^{(11)} - m_{001}^{(00)}m_{011}^{(21)}m_{120}^{(20)} - m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(10)}\\
&+m_{001}^{(00)}m_{002}^{(00)}m_{030}^{(21)} - m_{001}^{(00)}m_{002}^{(00)}m_{021}^{(11)} - 2m_{001}^{(00)}m_{002}^{(10)}m_{120}^{(21)} + m_{001}^{(00)}m_{002}^{(10)}m_{111}^{(11)}\\
&+m_{001}^{(00)}m_{002}^{(10)}m_{021}^{(10)} + m_{001}^{(00)}m_{002}^{(11)}m_{210}^{(21)} - m_{001}^{(00)}m_{002}^{(11)}m_{111}^{(10)} + m_{001}^{(00)}m_{002}^{(20)}m_{120}^{(11)}\\
&-m_{001}^{(00)}m_{002}^{(20)}m_{030}^{(10)} - m_{001}^{(00)}m_{002}^{(21)}m_{210}^{(11)} + m_{001}^{(00)}m_{002}^{(21)}m_{120}^{(10)} - 2m_{001}^{(10)}m_{110}^{(00)}m_{021}^{(22)}\\
&+2m_{001}^{(10)}m_{110}^{(00)}m_{012}^{(21)} + 4m_{001}^{(10)}m_{110}^{(10)}m_{111}^{(22)} - 2m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(21)} - 2m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(20)}\\
&-2m_{001}^{(10)}m_{110}^{(11)}m_{201}^{(22)} + 2m_{001}^{(10)}m_{110}^{(11)}m_{102}^{(20)} - 2m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(21)} + 2m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(20)}\\
&+2m_{001}^{(10)}m_{110}^{(21)}m_{201}^{(21)} - 2m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(20)} + m_{001}^{(10)}m_{101}^{(00)}m_{030}^{(22)} - m_{001}^{(10)}m_{101}^{(00)}m_{012}^{(11)}\\
&-2m_{001}^{(10)}m_{101}^{(10)}m_{120}^{(22)} - m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(21)} + m_{001}^{(10)}m_{101}^{(10)}m_{102}^{(11)} + m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(20)}\\
&+m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(10)} + m_{001}^{(10)}m_{101}^{(11)}m_{210}^{(22)} + m_{001}^{(10)}m_{101}^{(11)}m_{201}^{(21)} - m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(20)}\\
&-m_{001}^{(10)}m_{101}^{(11)}m_{102}^{(10)} + m_{001}^{(10)}m_{101}^{(20)}m_{120}^{(21)} + m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(11)} - m_{001}^{(10)}m_{101}^{(20)}m_{030}^{(20)}\\
&-m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(10)} - m_{001}^{(10)}m_{101}^{(21)}m_{210}^{(21)} - m_{001}^{(10)}m_{101}^{(21)}m_{201}^{(11)} + m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(20)}\\
&+m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(10)} + m_{001}^{(10)}m_{011}^{(00)}m_{120}^{(22)} - m_{001}^{(10)}m_{011}^{(00)}m_{111}^{(21)} + m_{001}^{(10)}m_{011}^{(00)}m_{021}^{(20)}\\
&-m_{001}^{(10)}m_{011}^{(00)}m_{012}^{(10)} - 2m_{001}^{(10)}m_{011}^{(10)}m_{210}^{(22)} + m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(21)} - m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(20)}\\
&+m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(10)} + m_{001}^{(10)}m_{011}^{(10)}m_{012}^{(00)} + m_{001}^{(10)}m_{011}^{(11)}m_{300}^{(22)} - m_{001}^{(10)}m_{011}^{(11)}m_{102}^{(00)}\\
&+m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(21)} - m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(20)} + m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(10)} - m_{001}^{(10)}m_{011}^{(20)}m_{021}^{(00)}\\
&-m_{001}^{(10)}m_{011}^{(21)}m_{300}^{(21)} + m_{001}^{(10)}m_{011}^{(21)}m_{210}^{(20)} - m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(10)} + m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(00)}\\
&-m_{001}^{(10)}m_{002}^{(00)}m_{120}^{(21)} + m_{001}^{(10)}m_{002}^{(00)}m_{111}^{(11)} - m_{001}^{(10)}m_{002}^{(00)}m_{030}^{(20)} + m_{001}^{(10)}m_{002}^{(00)}m_{021}^{(10)}\\
&+2m_{001}^{(10)}m_{002}^{(10)}m_{210}^{(21)} - m_{001}^{(10)}m_{002}^{(10)}m_{201}^{(11)} + 2m_{001}^{(10)}m_{002}^{(10)}m_{120}^{(20)} - 2m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(10)}\\
&-m_{001}^{(10)}m_{002}^{(10)}m_{021}^{(00)} - m_{001}^{(10)}m_{002}^{(11)}m_{300}^{(21)} - m_{001}^{(10)}m_{002}^{(11)}m_{210}^{(20)} + m_{001}^{(10)}m_{002}^{(11)}m_{201}^{(10)}\\
&+m_{001}^{(10)}m_{002}^{(11)}m_{111}^{(00)} - m_{001}^{(10)}m_{002}^{(20)}m_{210}^{(11)} + m_{001}^{(10)}m_{002}^{(20)}m_{030}^{(00)} + m_{001}^{(10)}m_{002}^{(21)}m_{300}^{(11)}\\
&-m_{001}^{(10)}m_{002}^{(21)}m_{120}^{(00)} + m_{001}^{(11)}m_{200}^{(00)}m_{021}^{(22)} - m_{001}^{(11)}m_{200}^{(00)}m_{012}^{(21)} - 2m_{001}^{(11)}m_{200}^{(10)}m_{111}^{(22)}\\
&+m_{001}^{(11)}m_{200}^{(10)}m_{102}^{(21)} + m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(20)} + m_{001}^{(11)}m_{200}^{(11)}m_{201}^{(22)} - m_{001}^{(11)}m_{200}^{(11)}m_{102}^{(20)}\\
&+m_{001}^{(11)}m_{200}^{(20)}m_{111}^{(21)} - m_{001}^{(11)}m_{200}^{(20)}m_{021}^{(20)} - m_{001}^{(11)}m_{200}^{(21)}m_{201}^{(21)} + m_{001}^{(11)}m_{200}^{(21)}m_{111}^{(20)}\\
&-m_{001}^{(11)}m_{101}^{(00)}m_{120}^{(22)} + m_{001}^{(11)}m_{101}^{(00)}m_{111}^{(21)} - m_{001}^{(11)}m_{101}^{(00)}m_{021}^{(20)} + m_{001}^{(11)}m_{101}^{(00)}m_{012}^{(10)}\\
&+2m_{001}^{(11)}m_{101}^{(10)}m_{210}^{(22)} - m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(21)} + m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(20)} - m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(10)}\\
&-m_{001}^{(11)}m_{101}^{(10)}m_{012}^{(00)} - m_{001}^{(11)}m_{101}^{(11)}m_{300}^{(22)} + m_{001}^{(11)}m_{101}^{(11)}m_{102}^{(00)} - m_{001}^{(11)}m_{101}^{(20)}m_{210}^{(21)}\\
&+m_{001}^{(11)}m_{101}^{(20)}m_{120}^{(20)} - m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(10)} + m_{001}^{(11)}m_{101}^{(20)}m_{021}^{(00)} + m_{001}^{(11)}m_{101}^{(21)}m_{300}^{(21)}\\
&-m_{001}^{(11)}m_{101}^{(21)}m_{210}^{(20)} + m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(10)} - m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(00)} + m_{001}^{(11)}m_{002}^{(00)}m_{120}^{(20)}\\
&-m_{001}^{(11)}m_{002}^{(00)}m_{111}^{(10)} - 2m_{001}^{(11)}m_{002}^{(10)}m_{210}^{(20)} + m_{001}^{(11)}m_{002}^{(10)}m_{201}^{(10)} + m_{001}^{(11)}m_{002}^{(10)}m_{111}^{(00)}\\
&+m_{001}^{(11)}m_{002}^{(11)}m_{300}^{(20)} - m_{001}^{(11)}m_{002}^{(11)}m_{201}^{(00)} + m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(10)} - m_{001}^{(11)}m_{002}^{(20)}m_{120}^{(00)}\\
&-m_{001}^{(11)}m_{002}^{(21)}m_{300}^{(10)} + m_{001}^{(11)}m_{002}^{(21)}m_{210}^{(00)} + m_{001}^{(20)}m_{110}^{(00)}m_{030}^{(22)} - m_{001}^{(20)}m_{110}^{(00)}m_{012}^{(11)}\\
&-2m_{001}^{(20)}m_{110}^{(10)}m_{120}^{(22)} - m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(21)} + m_{001}^{(20)}m_{110}^{(10)}m_{102}^{(11)} + m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(20)}\\
&+m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(10)} + m_{001}^{(20)}m_{110}^{(11)}m_{210}^{(22)} + m_{001}^{(20)}m_{110}^{(11)}m_{201}^{(21)} - m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(20)}\\
&-m_{001}^{(20)}m_{110}^{(11)}m_{102}^{(10)} + m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(21)} + m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(11)} - m_{001}^{(20)}m_{110}^{(20)}m_{030}^{(20)}\\
&-m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(10)} - m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(21)} - m_{001}^{(20)}m_{110}^{(21)}m_{201}^{(11)} + m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(20)}\\
&+m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(10)} - 2m_{001}^{(20)}m_{101}^{(00)}m_{030}^{(21)} + 2m_{001}^{(20)}m_{101}^{(00)}m_{021}^{(11)} + 4m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(21)}
\end{aligned}
$$

$$
\begin{aligned}
&-2m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(11)} - 2m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(10)} - 2m_{001}^{(20)}m_{101}^{(11)}m_{210}^{(21)} + 2m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(10)}\\
&-2m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(11)} + 2m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(10)} + 2m_{001}^{(20)}m_{101}^{(21)}m_{210}^{(11)} - 2m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(10)}\\
&-m_{001}^{(20)}m_{020}^{(00)}m_{120}^{(22)} + m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(21)} - m_{001}^{(20)}m_{020}^{(00)}m_{021}^{(20)} + m_{001}^{(20)}m_{020}^{(00)}m_{012}^{(10)}\\
&+2m_{001}^{(20)}m_{020}^{(10)}m_{210}^{(22)} - m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(21)} + m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(20)} - m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(10)}\\
&-m_{001}^{(20)}m_{020}^{(10)}m_{012}^{(00)} - m_{001}^{(20)}m_{020}^{(11)}m_{300}^{(22)} + m_{001}^{(20)}m_{020}^{(11)}m_{102}^{(00)} - m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(21)}\\
&+m_{001}^{(20)}m_{020}^{(20)}m_{120}^{(20)} - m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(10)} + m_{001}^{(20)}m_{020}^{(21)}m_{021}^{(00)} + m_{001}^{(20)}m_{020}^{(21)}m_{300}^{(21)}\\
&-m_{001}^{(20)}m_{020}^{(21)}m_{210}^{(20)} + m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(10)} - m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(00)} + m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(21)}\\
&-m_{001}^{(20)}m_{011}^{(00)}m_{111}^{(11)} + m_{001}^{(20)}m_{011}^{(00)}m_{030}^{(20)} - m_{001}^{(20)}m_{011}^{(00)}m_{021}^{(10)} - 2m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(21)}\\
&+m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(11)} - 2m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(20)} + 2m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(10)} + m_{001}^{(20)}m_{011}^{(10)}m_{021}^{(00)}\\
&+m_{001}^{(20)}m_{011}^{(11)}m_{300}^{(21)} + m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(20)} - m_{001}^{(20)}m_{011}^{(11)}m_{201}^{(10)} - m_{001}^{(20)}m_{011}^{(11)}m_{111}^{(00)}\\
&+m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(11)} - m_{001}^{(20)}m_{011}^{(20)}m_{030}^{(00)} - m_{001}^{(20)}m_{011}^{(21)}m_{300}^{(11)} + m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(00)}\\
&-m_{001}^{(21)}m_{200}^{(00)}m_{030}^{(22)} + m_{001}^{(21)}m_{200}^{(00)}m_{012}^{(11)} + 2m_{001}^{(21)}m_{200}^{(10)}m_{120}^{(22)} + m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(21)}\\
&-m_{001}^{(21)}m_{200}^{(10)}m_{102}^{(11)} - m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(20)} - m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(10)} - m_{001}^{(21)}m_{200}^{(11)}m_{210}^{(22)}\\
&-m_{001}^{(21)}m_{200}^{(11)}m_{201}^{(21)} + m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(20)} + m_{001}^{(21)}m_{200}^{(11)}m_{102}^{(10)} - m_{001}^{(21)}m_{200}^{(20)}m_{120}^{(21)}\\
&-m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(11)} + m_{001}^{(21)}m_{200}^{(20)}m_{030}^{(20)} + m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(10)} + m_{001}^{(21)}m_{200}^{(21)}m_{210}^{(21)}\\
&+m_{001}^{(21)}m_{200}^{(21)}m_{201}^{(11)} - m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(20)} - m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(10)} + m_{001}^{(21)}m_{110}^{(00)}m_{120}^{(22)}\\
&-m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(21)} + m_{001}^{(21)}m_{110}^{(00)}m_{021}^{(20)} - m_{001}^{(21)}m_{110}^{(00)}m_{012}^{(10)} - 2m_{001}^{(21)}m_{110}^{(10)}m_{210}^{(22)}\\
&+m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(21)} - m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(20)} + m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(10)} + m_{001}^{(21)}m_{110}^{(10)}m_{012}^{(00)}\\
&+m_{001}^{(21)}m_{110}^{(11)}m_{300}^{(22)} - m_{001}^{(21)}m_{110}^{(11)}m_{102}^{(00)} + m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(21)} - m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(20)}\\
&+m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(10)} - m_{001}^{(21)}m_{110}^{(20)}m_{021}^{(00)} - m_{001}^{(21)}m_{110}^{(21)}m_{300}^{(21)} + m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(20)}\\
&-m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(10)} + m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(00)} + m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(21)} - m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(11)}\\
&+m_{001}^{(21)}m_{101}^{(00)}m_{030}^{(20)} - m_{001}^{(21)}m_{101}^{(00)}m_{021}^{(10)} - 2m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(21)} + m_{001}^{(21)}m_{101}^{(10)}m_{201}^{(11)}\\
&-2m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(20)} + 2m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(10)} + m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(00)} + m_{001}^{(21)}m_{101}^{(11)}m_{300}^{(21)}\\
&+m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(20)} - m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(10)} - m_{001}^{(21)}m_{101}^{(11)}m_{111}^{(00)} + m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(11)}\\
&-m_{001}^{(21)}m_{101}^{(20)}m_{030}^{(00)} - m_{001}^{(21)}m_{101}^{(21)}m_{300}^{(11)} + m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(00)} - 2m_{001}^{(21)}m_{011}^{(00)}m_{120}^{(20)}\\
&+2m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(10)} + 4m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(20)} - 2m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(10)} - 2m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(00)}\\
&-2m_{001}^{(21)}m_{011}^{(11)}m_{300}^{(20)} + 2m_{001}^{(21)}m_{011}^{(11)}m_{201}^{(00)} - 2m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(10)} + 2m_{001}^{(21)}m_{011}^{(20)}m_{120}^{(00)}\\
&+2m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(10)} - 2m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(00)} + m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(21)} - m_{001}^{(22)}m_{200}^{(00)}m_{021}^{(11)}\\
&-2m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(21)} + m_{001}^{(22)}m_{200}^{(10)}m_{111}^{(11)} + m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(10)} + m_{001}^{(22)}m_{200}^{(11)}m_{210}^{(21)}\\
&-m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(10)} + m_{001}^{(22)}m_{200}^{(20)}m_{120}^{(11)} - m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(10)} - m_{001}^{(22)}m_{200}^{(21)}m_{210}^{(11)}\\
&+m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(10)} - m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(21)} + m_{001}^{(22)}m_{110}^{(00)}m_{111}^{(11)} - m_{001}^{(22)}m_{110}^{(00)}m_{030}^{(20)}\\
&+m_{001}^{(22)}m_{110}^{(00)}m_{021}^{(10)} + 2m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(21)} - m_{001}^{(22)}m_{110}^{(10)}m_{201}^{(11)} + 2m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(20)}\\
&-2m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(10)} - m_{001}^{(22)}m_{110}^{(10)}m_{021}^{(00)} - m_{001}^{(22)}m_{110}^{(11)}m_{300}^{(21)} - m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(20)}\\
&+m_{001}^{(22)}m_{110}^{(11)}m_{201}^{(10)} + m_{001}^{(22)}m_{110}^{(11)}m_{111}^{(00)} - m_{001}^{(22)}m_{110}^{(20)}m_{210}^{(11)} + m_{001}^{(22)}m_{110}^{(20)}m_{030}^{(00)}\\
&+m_{001}^{(22)}m_{110}^{(21)}m_{300}^{(11)} - m_{001}^{(22)}m_{110}^{(21)}m_{120}^{(00)} + m_{001}^{(22)}m_{020}^{(00)}m_{120}^{(20)} - m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(10)}\\
&-2m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(20)} + m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(10)} + m_{001}^{(22)}m_{020}^{(10)}m_{111}^{(00)} + m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(20)}\\
&-m_{001}^{(22)}m_{020}^{(11)}m_{201}^{(00)} + m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(10)} - m_{001}^{(22)}m_{020}^{(20)}m_{120}^{(00)} - m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(10)}\\
&+m_{001}^{(22)}m_{020}^{(21)}m_{210}^{(00)}
\end{aligned}
$$

Generating graph:

$V1$	$V1$	1	1
1	2	2	$V2$
$V2$	$V3$	$V3$	3



$$
\begin{aligned}
T_{74} \;=\;& m_{100}^{(00)} m_{020}^{(10)} m_{012}^{(22)} - m_{100}^{(00)} m_{020}^{(10)} m_{003}^{(21)} - m_{100}^{(00)} m_{020}^{(11)} m_{102}^{(22)} + m_{100}^{(00)} m_{020}^{(11)} m_{003}^{(20)} \\
& - m_{100}^{(00)} m_{020}^{(20)} m_{012}^{(21)} + m_{100}^{(00)} m_{020}^{(20)} m_{003}^{(11)} + 2 m_{100}^{(00)} m_{020}^{(21)} m_{102}^{(21)} - m_{100}^{(00)} m_{020}^{(21)} m_{012}^{(20)} \\
& - m_{100}^{(00)} m_{020}^{(21)} m_{003}^{(10)} - m_{100}^{(00)} m_{020}^{(22)} m_{102}^{(11)} + m_{100}^{(00)} m_{020}^{(22)} m_{012}^{(10)} - 2 m_{100}^{(00)} m_{011}^{(10)} m_{021}^{(22)} \\
& + 2 m_{100}^{(00)} m_{011}^{(10)} m_{012}^{(21)} + 2 m_{100}^{(00)} m_{011}^{(11)} m_{111}^{(22)} - 2 m_{100}^{(00)} m_{011}^{(11)} m_{012}^{(20)} + 2 m_{100}^{(00)} m_{011}^{(20)} m_{021}^{(21)} \\
& - 2 m_{100}^{(00)} m_{011}^{(20)} m_{012}^{(11)} - 4 m_{100}^{(00)} m_{011}^{(21)} m_{111}^{(21)} + 2 m_{100}^{(00)} m_{011}^{(21)} m_{021}^{(20)} + 2 m_{100}^{(00)} m_{011}^{(21)} m_{012}^{(10)} \\
& + 2 m_{100}^{(00)} m_{011}^{(22)} m_{111}^{(11)} - 2 m_{100}^{(00)} m_{011}^{(22)} m_{021}^{(10)} + m_{100}^{(00)} m_{002}^{(10)} m_{030}^{(22)} - m_{100}^{(00)} m_{002}^{(10)} m_{021}^{(21)} \\
& - m_{100}^{(00)} m_{002}^{(11)} m_{120}^{(22)} + m_{100}^{(00)} m_{002}^{(11)} m_{021}^{(20)} - m_{100}^{(00)} m_{002}^{(20)} m_{030}^{(21)} + m_{100}^{(00)} m_{002}^{(20)} m_{021}^{(11)} \\
& + 2 m_{100}^{(00)} m_{002}^{(21)} m_{120}^{(21)} - m_{100}^{(00)} m_{002}^{(21)} m_{030}^{(20)} - m_{100}^{(00)} m_{002}^{(21)} m_{021}^{(10)} - m_{100}^{(00)} m_{002}^{(22)} m_{120}^{(11)} \\
& + m_{100}^{(00)} m_{002}^{(22)} m_{030}^{(10)} - m_{100}^{(10)} m_{110}^{(10)} m_{012}^{(22)} + m_{100}^{(10)} m_{110}^{(10)} m_{003}^{(21)} + m_{100}^{(10)} m_{110}^{(11)} m_{102}^{(22)} \\
& - m_{100}^{(10)} m_{110}^{(11)} m_{003}^{(20)} + m_{100}^{(10)} m_{110}^{(20)} m_{012}^{(21)} - m_{100}^{(10)} m_{110}^{(20)} m_{003}^{(11)} - 2 m_{100}^{(10)} m_{110}^{(21)} m_{102}^{(21)} \\
& + m_{100}^{(10)} m_{110}^{(21)} m_{012}^{(20)} + m_{100}^{(10)} m_{110}^{(21)} m_{003}^{(10)} + m_{100}^{(10)} m_{110}^{(22)} m_{102}^{(11)} - m_{100}^{(10)} m_{110}^{(22)} m_{012}^{(10)} \\
& + m_{100}^{(10)} m_{101}^{(10)} m_{021}^{(22)} - m_{100}^{(10)} m_{101}^{(10)} m_{012}^{(21)} - m_{100}^{(10)} m_{101}^{(11)} m_{111}^{(22)} + m_{100}^{(10)} m_{101}^{(11)} m_{012}^{(20)} \\
& - m_{100}^{(10)} m_{101}^{(20)} m_{021}^{(21)} + m_{100}^{(10)} m_{101}^{(20)} m_{012}^{(11)} + 2 m_{100}^{(10)} m_{101}^{(21)} m_{111}^{(21)} - m_{100}^{(10)} m_{101}^{(21)} m_{021}^{(20)} \\
& - m_{100}^{(10)} m_{101}^{(21)} m_{012}^{(10)} - m_{100}^{(10)} m_{101}^{(22)} m_{111}^{(11)} + m_{100}^{(10)} m_{101}^{(22)} m_{021}^{(10)} - m_{100}^{(10)} m_{020}^{(00)} m_{012}^{(22)} \\
& + m_{100}^{(10)} m_{020}^{(00)} m_{003}^{(21)} + m_{100}^{(10)} m_{020}^{(10)} m_{102}^{(22)} - m_{100}^{(10)} m_{020}^{(10)} m_{003}^{(20)} - m_{100}^{(10)} m_{020}^{(20)} m_{102}^{(21)} \\
& + 2 m_{100}^{(10)} m_{020}^{(20)} m_{012}^{(20)} - m_{100}^{(10)} m_{020}^{(20)} m_{003}^{(10)} - m_{100}^{(10)} m_{020}^{(21)} m_{102}^{(20)} + m_{100}^{(10)} m_{020}^{(21)} m_{003}^{(00)} \\
& + m_{100}^{(10)} m_{020}^{(22)} m_{102}^{(10)} - m_{100}^{(10)} m_{020}^{(22)} m_{012}^{(00)} + 2 m_{100}^{(10)} m_{011}^{(00)} m_{021}^{(22)} - 2 m_{100}^{(10)} m_{011}^{(00)} m_{012}^{(21)} \\
& - m_{100}^{(10)} m_{011}^{(10)} m_{111}^{(22)} - m_{100}^{(10)} m_{011}^{(10)} m_{102}^{(21)} + 2 m_{100}^{(10)} m_{011}^{(10)} m_{012}^{(20)} - m_{100}^{(10)} m_{011}^{(11)} m_{201}^{(22)} \\
& + m_{100}^{(10)} m_{011}^{(11)} m_{102}^{(20)} + m_{100}^{(10)} m_{011}^{(20)} m_{111}^{(21)} + m_{100}^{(10)} m_{011}^{(20)} m_{102}^{(11)} - 4 m_{100}^{(10)} m_{011}^{(20)} m_{021}^{(20)} \\
& + 2 m_{100}^{(10)} m_{011}^{(20)} m_{012}^{(10)} + 2 m_{100}^{(10)} m_{011}^{(21)} m_{201}^{(21)} + m_{100}^{(10)} m_{011}^{(21)} m_{111}^{(20)} - m_{100}^{(10)} m_{011}^{(21)} m_{102}^{(10)} \\
& - 2 m_{100}^{(10)} m_{011}^{(21)} m_{012}^{(00)} - m_{100}^{(10)} m_{011}^{(22)} m_{201}^{(11)} - m_{100}^{(10)} m_{011}^{(22)} m_{111}^{(10)} + 2 m_{100}^{(10)} m_{011}^{(22)} m_{021}^{(00)} \\
& - m_{100}^{(10)} m_{002}^{(00)} m_{030}^{(22)} + m_{100}^{(10)} m_{002}^{(00)} m_{021}^{(21)} + m_{100}^{(10)} m_{002}^{(10)} m_{111}^{(21)} - m_{100}^{(10)} m_{002}^{(10)} m_{021}^{(20)} \\
& + m_{100}^{(10)} m_{002}^{(11)} m_{210}^{(22)} - m_{100}^{(10)} m_{002}^{(11)} m_{111}^{(20)} - m_{100}^{(10)} m_{002}^{(20)} m_{111}^{(11)} + 2 m_{100}^{(10)} m_{002}^{(20)} m_{030}^{(20)} \\
& - m_{100}^{(10)} m_{002}^{(20)} m_{021}^{(10)} - 2 m_{100}^{(10)} m_{002}^{(21)} m_{210}^{(21)} + m_{100}^{(10)} m_{002}^{(21)} m_{111}^{(10)} + m_{100}^{(10)} m_{002}^{(21)} m_{021}^{(00)} \\
& + m_{100}^{(10)} m_{002}^{(22)} m_{210}^{(11)} - m_{100}^{(10)} m_{002}^{(22)} m_{030}^{(00)} + m_{100}^{(11)} m_{110}^{(00)} m_{012}^{(22)} - m_{100}^{(11)} m_{110}^{(00)} m_{003}^{(21)} \\
& - m_{100}^{(11)} m_{110}^{(10)} m_{102}^{(22)} + m_{100}^{(11)} m_{110}^{(10)} m_{003}^{(20)} + m_{100}^{(11)} m_{110}^{(20)} m_{102}^{(21)} - 2 m_{100}^{(11)} m_{110}^{(20)} m_{012}^{(20)} \\
& + m_{100}^{(11)} m_{110}^{(20)} m_{003}^{(10)} + m_{100}^{(11)} m_{110}^{(21)} m_{102}^{(20)} - m_{100}^{(11)} m_{110}^{(21)} m_{003}^{(00)} - m_{100}^{(11)} m_{110}^{(22)} m_{102}^{(10)} \\
& + m_{100}^{(11)} m_{110}^{(22)} m_{012}^{(00)} - m_{100}^{(11)} m_{101}^{(00)} m_{021}^{(22)} + m_{100}^{(11)} m_{101}^{(00)} m_{012}^{(21)} + m_{100}^{(11)} m_{101}^{(10)} m_{111}^{(22)}
\end{aligned}
$$

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\begin{aligned}
&-m_{100}^{(11)}m_{101}^{(10)}m_{012}^{(20)} - m_{100}^{(11)}m_{101}^{(20)}m_{111}^{(21)} + 2m_{100}^{(11)}m_{101}^{(20)}m_{021}^{(20)} - m_{100}^{(11)}m_{101}^{(20)}m_{012}^{(10)}\\
&-m_{100}^{(11)}m_{101}^{(21)}m_{111}^{(20)} + m_{100}^{(11)}m_{101}^{(21)}m_{012}^{(00)} + m_{100}^{(11)}m_{101}^{(22)}m_{111}^{(10)} - m_{100}^{(11)}m_{101}^{(22)}m_{021}^{(00)}\\
&-m_{100}^{(11)}m_{011}^{(00)}m_{111}^{(22)} + m_{100}^{(11)}m_{011}^{(00)}m_{102}^{(21)} + m_{100}^{(11)}m_{011}^{(10)}m_{201}^{(22)} - m_{100}^{(11)}m_{011}^{(10)}m_{102}^{(20)}\\
&-m_{100}^{(11)}m_{011}^{(20)}m_{201}^{(21)} + 2m_{100}^{(11)}m_{011}^{(20)}m_{111}^{(20)} - m_{100}^{(11)}m_{011}^{(20)}m_{102}^{(10)} - m_{100}^{(11)}m_{011}^{(21)}m_{201}^{(20)}\\
&+m_{100}^{(11)}m_{011}^{(21)}m_{102}^{(00)} + m_{100}^{(11)}m_{011}^{(22)}m_{201}^{(10)} - m_{100}^{(11)}m_{011}^{(22)}m_{111}^{(00)} + m_{100}^{(11)}m_{002}^{(00)}m_{120}^{(22)}\\
&-m_{100}^{(11)}m_{002}^{(00)}m_{111}^{(21)} - m_{100}^{(11)}m_{002}^{(10)}m_{210}^{(22)} + m_{100}^{(11)}m_{002}^{(10)}m_{111}^{(20)} + m_{100}^{(11)}m_{002}^{(20)}m_{210}^{(21)}\\
&-2m_{100}^{(11)}m_{002}^{(20)}m_{120}^{(20)} + m_{100}^{(11)}m_{002}^{(20)}m_{111}^{(10)} + m_{100}^{(11)}m_{002}^{(21)}m_{210}^{(20)} - m_{100}^{(11)}m_{002}^{(21)}m_{111}^{(00)}\\
&-m_{100}^{(11)}m_{002}^{(22)}m_{210}^{(10)} + m_{100}^{(11)}m_{002}^{(22)}m_{120}^{(00)} + m_{100}^{(20)}m_{110}^{(10)}m_{021}^{(22)} - m_{100}^{(20)}m_{110}^{(10)}m_{012}^{(21)}\\
&-m_{100}^{(20)}m_{110}^{(11)}m_{111}^{(22)} + m_{100}^{(20)}m_{110}^{(11)}m_{012}^{(20)} - m_{100}^{(20)}m_{110}^{(20)}m_{021}^{(21)} + m_{100}^{(20)}m_{110}^{(20)}m_{012}^{(11)}\\
&+2m_{100}^{(20)}m_{110}^{(21)}m_{111}^{(21)} - m_{100}^{(20)}m_{110}^{(21)}m_{021}^{(20)} - m_{100}^{(20)}m_{110}^{(21)}m_{012}^{(10)} - m_{100}^{(20)}m_{110}^{(22)}m_{111}^{(11)}\\
&+m_{100}^{(20)}m_{110}^{(22)}m_{021}^{(10)} - m_{100}^{(20)}m_{101}^{(10)}m_{030}^{(22)} + m_{100}^{(20)}m_{101}^{(10)}m_{021}^{(21)} + m_{100}^{(20)}m_{101}^{(11)}m_{120}^{(22)}\\
&-m_{100}^{(20)}m_{101}^{(11)}m_{021}^{(20)} + m_{100}^{(20)}m_{101}^{(20)}m_{030}^{(21)} - m_{100}^{(20)}m_{101}^{(20)}m_{021}^{(11)} - 2m_{100}^{(20)}m_{101}^{(21)}m_{120}^{(21)}\\
&+m_{100}^{(20)}m_{101}^{(21)}m_{030}^{(20)} + m_{100}^{(20)}m_{101}^{(21)}m_{021}^{(10)} + m_{100}^{(20)}m_{101}^{(22)}m_{120}^{(11)} - m_{100}^{(20)}m_{101}^{(22)}m_{030}^{(10)}\\
&+m_{100}^{(20)}m_{020}^{(00)}m_{012}^{(21)} - m_{100}^{(20)}m_{020}^{(00)}m_{003}^{(11)} - m_{100}^{(20)}m_{020}^{(10)}m_{111}^{(22)} - m_{100}^{(20)}m_{020}^{(10)}m_{012}^{(20)}\\
&+2m_{100}^{(20)}m_{020}^{(10)}m_{003}^{(10)} + m_{100}^{(20)}m_{020}^{(11)}m_{201}^{(22)} - m_{100}^{(20)}m_{020}^{(11)}m_{003}^{(00)} + m_{100}^{(20)}m_{020}^{(20)}m_{111}^{(21)}\\
&-m_{100}^{(20)}m_{020}^{(20)}m_{012}^{(10)} - 2m_{100}^{(20)}m_{020}^{(21)}m_{201}^{(21)} + m_{100}^{(20)}m_{020}^{(21)}m_{111}^{(20)} + m_{100}^{(20)}m_{020}^{(21)}m_{012}^{(00)}\\
&+m_{100}^{(20)}m_{020}^{(22)}m_{201}^{(11)} - m_{100}^{(20)}m_{020}^{(22)}m_{111}^{(10)} - 2m_{100}^{(20)}m_{011}^{(00)}m_{021}^{(21)} + 2m_{100}^{(20)}m_{011}^{(00)}m_{012}^{(11)}\\
&+m_{100}^{(20)}m_{011}^{(10)}m_{120}^{(22)} + m_{100}^{(20)}m_{011}^{(10)}m_{111}^{(21)} + 2m_{100}^{(20)}m_{011}^{(10)}m_{021}^{(20)} - 4m_{100}^{(20)}m_{011}^{(10)}m_{012}^{(10)}\\
&-m_{100}^{(20)}m_{011}^{(11)}m_{210}^{(22)} - m_{100}^{(20)}m_{011}^{(11)}m_{111}^{(20)} + 2m_{100}^{(20)}m_{011}^{(11)}m_{012}^{(00)} - m_{100}^{(20)}m_{011}^{(20)}m_{120}^{(21)}\\
&-m_{100}^{(20)}m_{011}^{(20)}m_{111}^{(11)} + 2m_{100}^{(20)}m_{011}^{(20)}m_{021}^{(10)} + 2m_{100}^{(20)}m_{011}^{(21)}m_{210}^{(21)} - m_{100}^{(20)}m_{011}^{(21)}m_{120}^{(20)}\\
&+m_{100}^{(20)}m_{011}^{(21)}m_{111}^{(10)} - 2m_{100}^{(20)}m_{011}^{(21)}m_{021}^{(00)} - m_{100}^{(20)}m_{011}^{(22)}m_{210}^{(11)} + m_{100}^{(20)}m_{011}^{(22)}m_{120}^{(10)}\\
&+m_{100}^{(20)}m_{002}^{(00)}m_{030}^{(21)} - m_{100}^{(20)}m_{002}^{(00)}m_{021}^{(11)} - m_{100}^{(20)}m_{002}^{(10)}m_{120}^{(21)} - m_{100}^{(20)}m_{002}^{(10)}m_{030}^{(20)}\\
&+2m_{100}^{(20)}m_{002}^{(10)}m_{021}^{(10)} + m_{100}^{(20)}m_{002}^{(11)}m_{120}^{(20)} - m_{100}^{(20)}m_{002}^{(11)}m_{021}^{(00)} + m_{100}^{(20)}m_{002}^{(20)}m_{120}^{(11)}\\
&-m_{100}^{(20)}m_{002}^{(20)}m_{030}^{(10)} - m_{100}^{(20)}m_{002}^{(21)}m_{120}^{(10)} + m_{100}^{(20)}m_{002}^{(21)}m_{030}^{(00)} - m_{100}^{(21)}m_{110}^{(00)}m_{021}^{(22)}\\
&+m_{100}^{(21)}m_{110}^{(00)}m_{003}^{(11)} + m_{100}^{(21)}m_{110}^{(10)}m_{111}^{(22)} + m_{100}^{(21)}m_{110}^{(10)}m_{102}^{(21)} - 2m_{100}^{(21)}m_{110}^{(10)}m_{003}^{(10)}\\
&-m_{100}^{(21)}m_{110}^{(11)}m_{102}^{(20)} + m_{100}^{(21)}m_{110}^{(11)}m_{003}^{(00)} - m_{100}^{(21)}m_{110}^{(20)}m_{111}^{(21)} - m_{100}^{(21)}m_{110}^{(20)}m_{102}^{(11)}\\
&+2m_{100}^{(21)}m_{110}^{(20)}m_{021}^{(20)} - m_{100}^{(21)}m_{110}^{(21)}m_{111}^{(20)} + m_{100}^{(21)}m_{110}^{(21)}m_{102}^{(10)} + m_{100}^{(21)}m_{110}^{(22)}m_{111}^{(10)}\\
&-m_{100}^{(21)}m_{110}^{(22)}m_{021}^{(00)} + m_{100}^{(21)}m_{101}^{(00)}m_{030}^{(22)} - m_{100}^{(21)}m_{101}^{(00)}m_{012}^{(11)} - m_{100}^{(21)}m_{101}^{(10)}m_{120}^{(22)}\\
&-m_{100}^{(21)}m_{101}^{(10)}m_{111}^{(21)} + 2m_{100}^{(21)}m_{101}^{(10)}m_{012}^{(10)} + m_{100}^{(21)}m_{101}^{(11)}m_{111}^{(20)} - m_{100}^{(21)}m_{101}^{(11)}m_{012}^{(00)}\\
&+m_{100}^{(21)}m_{101}^{(20)}m_{120}^{(21)} + m_{100}^{(21)}m_{101}^{(20)}m_{111}^{(11)} - 2m_{100}^{(21)}m_{101}^{(20)}m_{030}^{(20)} + m_{100}^{(21)}m_{101}^{(21)}m_{120}^{(20)}\\
&-m_{100}^{(21)}m_{101}^{(21)}m_{111}^{(10)} - m_{100}^{(21)}m_{101}^{(22)}m_{120}^{(10)} + m_{100}^{(21)}m_{101}^{(22)}m_{030}^{(00)} + m_{100}^{(21)}m_{020}^{(00)}m_{111}^{(22)}\\
&-m_{100}^{(21)}m_{020}^{(00)}m_{102}^{(21)} - m_{100}^{(21)}m_{020}^{(10)}m_{201}^{(22)} + m_{100}^{(21)}m_{020}^{(10)}m_{102}^{(20)} + m_{100}^{(21)}m_{020}^{(20)}m_{201}^{(21)}\\
&-2m_{100}^{(21)}m_{020}^{(20)}m_{111}^{(20)} + m_{100}^{(21)}m_{020}^{(20)}m_{102}^{(10)} + m_{100}^{(21)}m_{020}^{(21)}m_{201}^{(20)} - m_{100}^{(21)}m_{020}^{(21)}m_{102}^{(00)}\\
&-m_{100}^{(21)}m_{020}^{(22)}m_{201}^{(10)} + m_{100}^{(21)}m_{020}^{(22)}m_{111}^{(00)} - m_{100}^{(21)}m_{011}^{(00)}m_{120}^{(22)} + 2m_{100}^{(21)}m_{011}^{(00)}m_{111}^{(21)}\\
&-m_{100}^{(21)}m_{011}^{(00)}m_{102}^{(11)} + m_{100}^{(21)}m_{011}^{(10)}m_{102}^{(21)} - m_{100}^{(21)}m_{011}^{(10)}m_{201}^{(21)} - 2m_{100}^{(21)}m_{011}^{(10)}m_{111}^{(20)}\\
&+2m_{100}^{(21)}m_{011}^{(10)}m_{102}^{(10)} + m_{100}^{(21)}m_{011}^{(11)}m_{201}^{(20)} - m_{100}^{(21)}m_{011}^{(11)}m_{102}^{(00)} - m_{100}^{(21)}m_{011}^{(20)}m_{210}^{(21)}\\
&+m_{100}^{(21)}m_{011}^{(20)}m_{201}^{(11)} + 2m_{100}^{(21)}m_{011}^{(20)}m_{120}^{(20)} - 2m_{100}^{(21)}m_{011}^{(20)}m_{111}^{(10)} - m_{100}^{(21)}m_{011}^{(21)}m_{210}^{(20)}\\
&-m_{100}^{(21)}m_{011}^{(21)}m_{201}^{(10)} + 2m_{100}^{(21)}m_{011}^{(21)}m_{111}^{(00)} + m_{100}^{(21)}m_{011}^{(22)}m_{210}^{(10)} - m_{100}^{(21)}m_{011}^{(22)}m_{120}^{(00)}
\end{aligned}
$$

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\begin{aligned}
&-m_{100}^{(21)}m_{002}^{(00)}m_{120}^{(21)}+m_{100}^{(21)}m_{002}^{(00)}m_{111}^{(11)}+m_{100}^{(21)}m_{002}^{(10)}m_{210}^{(21)}+m_{100}^{(21)}m_{002}^{(10)}m_{120}^{(20)}\\
&-2m_{100}^{(21)}m_{002}^{(10)}m_{111}^{(10)}-m_{100}^{(21)}m_{002}^{(11)}m_{210}^{(20)}+m_{100}^{(21)}m_{002}^{(11)}m_{111}^{(00)}-m_{100}^{(21)}m_{002}^{(20)}m_{210}^{(11)}\\
&+m_{100}^{(21)}m_{002}^{(20)}m_{120}^{(10)}+m_{100}^{(21)}m_{002}^{(21)}m_{210}^{(10)}-m_{100}^{(21)}m_{002}^{(21)}m_{120}^{(00)}+m_{100}^{(22)}m_{110}^{(00)}m_{021}^{(21)}\\
&-m_{100}^{(22)}m_{110}^{(00)}m_{012}^{(11)}-m_{100}^{(22)}m_{110}^{(10)}m_{111}^{(21)}-m_{100}^{(22)}m_{110}^{(10)}m_{021}^{(20)}+2m_{100}^{(22)}m_{110}^{(10)}m_{012}^{(10)}\\
&+m_{100}^{(22)}m_{110}^{(11)}m_{111}^{(20)}-m_{100}^{(22)}m_{110}^{(11)}m_{012}^{(00)}+m_{100}^{(22)}m_{110}^{(20)}m_{111}^{(11)}-m_{100}^{(22)}m_{110}^{(20)}m_{021}^{(10)}\\
&-m_{100}^{(22)}m_{110}^{(21)}m_{111}^{(10)}+m_{100}^{(22)}m_{110}^{(21)}m_{021}^{(00)}-m_{100}^{(22)}m_{101}^{(00)}m_{030}^{(21)}+m_{100}^{(22)}m_{101}^{(00)}m_{021}^{(11)}\\
&+m_{100}^{(22)}m_{101}^{(10)}m_{120}^{(21)}+m_{100}^{(22)}m_{101}^{(10)}m_{030}^{(20)}-2m_{100}^{(22)}m_{101}^{(10)}m_{021}^{(10)}-m_{100}^{(22)}m_{101}^{(11)}m_{120}^{(20)}\\
&+m_{100}^{(22)}m_{101}^{(11)}m_{021}^{(00)}-m_{100}^{(22)}m_{101}^{(20)}m_{120}^{(11)}+m_{100}^{(22)}m_{101}^{(20)}m_{030}^{(10)}+m_{100}^{(22)}m_{101}^{(21)}m_{120}^{(10)}\\
&-m_{100}^{(22)}m_{101}^{(21)}m_{030}^{(00)}-m_{100}^{(22)}m_{020}^{(00)}m_{111}^{(21)}+m_{100}^{(22)}m_{020}^{(00)}m_{102}^{(11)}+m_{100}^{(22)}m_{020}^{(10)}m_{201}^{(21)}\\
&+m_{100}^{(22)}m_{020}^{(10)}m_{111}^{(20)}-2m_{100}^{(22)}m_{020}^{(10)}m_{102}^{(10)}-m_{100}^{(22)}m_{020}^{(11)}m_{201}^{(20)}+m_{100}^{(22)}m_{020}^{(11)}m_{102}^{(00)}\\
&-m_{100}^{(22)}m_{020}^{(20)}m_{201}^{(11)}+m_{100}^{(22)}m_{020}^{(20)}m_{111}^{(10)}+m_{100}^{(22)}m_{020}^{(21)}m_{201}^{(10)}-m_{100}^{(22)}m_{020}^{(21)}m_{111}^{(00)}\\
&+m_{100}^{(22)}m_{011}^{(00)}m_{120}^{(21)}-m_{100}^{(22)}m_{011}^{(00)}m_{111}^{(11)}-m_{100}^{(22)}m_{011}^{(10)}m_{210}^{(21)}-m_{100}^{(22)}m_{011}^{(10)}m_{120}^{(20)}\\
&+2m_{100}^{(22)}m_{011}^{(10)}m_{111}^{(10)}+m_{100}^{(22)}m_{011}^{(11)}m_{210}^{(20)}-m_{100}^{(22)}m_{011}^{(11)}m_{111}^{(00)}+m_{100}^{(22)}m_{011}^{(20)}m_{210}^{(11)}\\
&-m_{100}^{(22)}m_{011}^{(20)}m_{120}^{(10)}-m_{100}^{(22)}m_{011}^{(21)}m_{210}^{(10)}+m_{100}^{(22)}m_{011}^{(21)}m_{120}^{(00)}-m_{010}^{(00)}m_{110}^{(10)}m_{012}^{(22)}\\
&+m_{010}^{(00)}m_{110}^{(10)}m_{003}^{(21)}+m_{010}^{(00)}m_{110}^{(11)}m_{102}^{(22)}-m_{010}^{(00)}m_{110}^{(11)}m_{003}^{(20)}+m_{010}^{(00)}m_{110}^{(20)}m_{012}^{(21)}\\
&-m_{010}^{(00)}m_{110}^{(20)}m_{003}^{(11)}-2m_{010}^{(00)}m_{110}^{(21)}m_{102}^{(21)}+m_{010}^{(00)}m_{110}^{(21)}m_{012}^{(20)}+m_{010}^{(00)}m_{110}^{(21)}m_{003}^{(10)}\\
&+m_{010}^{(00)}m_{110}^{(22)}m_{102}^{(11)}-m_{010}^{(00)}m_{110}^{(22)}m_{012}^{(10)}+m_{010}^{(00)}m_{101}^{(10)}m_{021}^{(22)}-m_{010}^{(00)}m_{101}^{(10)}m_{012}^{(21)}\\
&-m_{010}^{(00)}m_{101}^{(11)}m_{111}^{(22)}+m_{010}^{(00)}m_{101}^{(11)}m_{012}^{(20)}-m_{010}^{(00)}m_{101}^{(20)}m_{021}^{(21)}+m_{010}^{(00)}m_{101}^{(20)}m_{012}^{(11)}\\
&+2m_{010}^{(00)}m_{101}^{(21)}m_{111}^{(21)}-m_{010}^{(00)}m_{101}^{(21)}m_{021}^{(20)}-m_{010}^{(00)}m_{101}^{(21)}m_{012}^{(10)}-m_{010}^{(00)}m_{101}^{(22)}m_{111}^{(11)}\\
&+m_{010}^{(00)}m_{101}^{(22)}m_{021}^{(10)}+m_{010}^{(00)}m_{011}^{(10)}m_{111}^{(22)}-m_{010}^{(00)}m_{011}^{(10)}m_{102}^{(21)}-m_{010}^{(00)}m_{011}^{(11)}m_{201}^{(22)}\\
&+m_{010}^{(00)}m_{011}^{(11)}m_{102}^{(20)}-m_{010}^{(00)}m_{011}^{(20)}m_{111}^{(21)}+m_{010}^{(00)}m_{011}^{(20)}m_{102}^{(11)}+2m_{010}^{(00)}m_{011}^{(21)}m_{201}^{(21)}\\
&-m_{010}^{(00)}m_{011}^{(21)}m_{111}^{(20)}-m_{010}^{(00)}m_{011}^{(21)}m_{102}^{(10)}-m_{010}^{(00)}m_{011}^{(22)}m_{201}^{(11)}+m_{010}^{(00)}m_{011}^{(22)}m_{111}^{(10)}\\
&-m_{010}^{(00)}m_{002}^{(10)}m_{120}^{(22)}+m_{010}^{(00)}m_{002}^{(10)}m_{111}^{(21)}+m_{010}^{(00)}m_{002}^{(11)}m_{210}^{(22)}-m_{010}^{(00)}m_{002}^{(11)}m_{111}^{(20)}\\
&+m_{010}^{(00)}m_{002}^{(20)}m_{120}^{(21)}-m_{010}^{(00)}m_{002}^{(20)}m_{111}^{(11)}-2m_{010}^{(00)}m_{002}^{(21)}m_{210}^{(21)}+m_{010}^{(00)}m_{002}^{(21)}m_{120}^{(20)}\\
&+m_{010}^{(00)}m_{002}^{(21)}m_{111}^{(10)}+m_{010}^{(00)}m_{002}^{(22)}m_{210}^{(11)}-m_{010}^{(00)}m_{002}^{(22)}m_{120}^{(10)}+m_{010}^{(10)}m_{200}^{(10)}m_{012}^{(22)}\\
&-m_{010}^{(10)}m_{200}^{(10)}m_{003}^{(21)}-m_{010}^{(10)}m_{200}^{(11)}m_{102}^{(22)}+m_{010}^{(10)}m_{200}^{(11)}m_{003}^{(20)}-m_{010}^{(10)}m_{200}^{(20)}m_{012}^{(21)}\\
&+m_{010}^{(10)}m_{200}^{(20)}m_{003}^{(11)}+2m_{010}^{(10)}m_{200}^{(21)}m_{102}^{(21)}-m_{010}^{(10)}m_{200}^{(21)}m_{012}^{(20)}-m_{010}^{(10)}m_{200}^{(21)}m_{003}^{(10)}\\
&-m_{010}^{(10)}m_{200}^{(22)}m_{102}^{(11)}+m_{010}^{(10)}m_{200}^{(22)}m_{012}^{(10)}+m_{010}^{(10)}m_{110}^{(00)}m_{012}^{(22)}-m_{010}^{(10)}m_{110}^{(00)}m_{003}^{(21)}\\
&-m_{010}^{(10)}m_{110}^{(10)}m_{102}^{(22)}+m_{010}^{(10)}m_{110}^{(10)}m_{003}^{(20)}+m_{010}^{(10)}m_{110}^{(20)}m_{102}^{(21)}-2m_{010}^{(10)}m_{110}^{(20)}m_{012}^{(20)}\\
&+m_{010}^{(10)}m_{110}^{(20)}m_{003}^{(10)}+m_{010}^{(10)}m_{110}^{(21)}m_{102}^{(20)}-m_{010}^{(10)}m_{110}^{(21)}m_{003}^{(00)}-m_{010}^{(10)}m_{110}^{(22)}m_{102}^{(10)}\\
&+m_{010}^{(10)}m_{110}^{(22)}m_{012}^{(00)}-m_{010}^{(10)}m_{101}^{(00)}m_{021}^{(22)}+m_{010}^{(10)}m_{101}^{(00)}m_{012}^{(21)}-m_{010}^{(10)}m_{101}^{(10)}m_{111}^{(22)}\\
&+2m_{010}^{(10)}m_{101}^{(10)}m_{102}^{(21)}-m_{010}^{(10)}m_{101}^{(10)}m_{012}^{(20)}+2m_{010}^{(10)}m_{101}^{(11)}m_{201}^{(22)}-2m_{010}^{(10)}m_{101}^{(11)}m_{102}^{(20)}\\
&+m_{010}^{(10)}m_{101}^{(20)}m_{111}^{(21)}-2m_{010}^{(10)}m_{101}^{(20)}m_{102}^{(11)}+2m_{010}^{(10)}m_{101}^{(20)}m_{021}^{(20)}-m_{010}^{(10)}m_{101}^{(20)}m_{012}^{(10)}\\
&-4m_{010}^{(10)}m_{101}^{(21)}m_{201}^{(21)}+m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(20)}+2m_{010}^{(10)}m_{101}^{(21)}m_{102}^{(10)}+m_{010}^{(10)}m_{101}^{(21)}m_{012}^{(00)}\\
&+2m_{010}^{(10)}m_{101}^{(22)}m_{201}^{(11)}-m_{010}^{(10)}m_{101}^{(22)}m_{111}^{(10)}-m_{010}^{(10)}m_{101}^{(22)}m_{021}^{(00)}-m_{010}^{(10)}m_{011}^{(00)}m_{111}^{(22)}\\
&+m_{010}^{(10)}m_{011}^{(00)}m_{102}^{(21)}+m_{010}^{(10)}m_{011}^{(10)}m_{201}^{(22)}-m_{010}^{(10)}m_{011}^{(10)}m_{102}^{(20)}-m_{010}^{(10)}m_{011}^{(20)}m_{201}^{(21)}\\
&+2m_{010}^{(10)}m_{011}^{(20)}m_{111}^{(20)}-m_{010}^{(10)}m_{011}^{(20)}m_{102}^{(10)}-m_{010}^{(10)}m_{011}^{(21)}m_{201}^{(20)}+m_{010}^{(10)}m_{011}^{(21)}m_{102}^{(00)}\\
&+m_{010}^{(10)}m_{011}^{(22)}m_{201}^{(10)}-m_{010}^{(10)}m_{011}^{(22)}m_{111}^{(00)}+m_{010}^{(10)}m_{002}^{(00)}m_{120}^{(22)}-m_{010}^{(10)}m_{002}^{(00)}m_{111}^{(21)}
\end{aligned}
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\begin{aligned}
&-m_{010}^{(10)}m_{002}^{(10)}m_{201}^{(21)}+m_{010}^{(10)}m_{002}^{(10)}m_{111}^{(20)}-m_{010}^{(10)}m_{002}^{(11)}m_{300}^{(22)}+m_{010}^{(10)}m_{002}^{(11)}m_{201}^{(20)}\\
&+m_{010}^{(10)}m_{002}^{(20)}m_{201}^{(11)}-2m_{010}^{(10)}m_{002}^{(20)}m_{120}^{(20)}+m_{010}^{(10)}m_{002}^{(20)}m_{111}^{(10)}+2m_{010}^{(10)}m_{002}^{(21)}m_{300}^{(21)}\\
&-m_{010}^{(10)}m_{002}^{(21)}m_{201}^{(10)}-m_{010}^{(10)}m_{002}^{(21)}m_{111}^{(00)}-m_{010}^{(10)}m_{002}^{(22)}m_{300}^{(11)}+m_{010}^{(10)}m_{002}^{(22)}m_{120}^{(00)}\\
&-m_{010}^{(11)}m_{200}^{(00)}m_{012}^{(22)}+m_{010}^{(11)}m_{200}^{(00)}m_{003}^{(21)}+m_{010}^{(11)}m_{200}^{(10)}m_{102}^{(22)}-m_{010}^{(11)}m_{200}^{(10)}m_{003}^{(20)}\\
&-m_{010}^{(11)}m_{200}^{(20)}m_{102}^{(21)}+2m_{010}^{(11)}m_{200}^{(20)}m_{012}^{(20)}-m_{010}^{(11)}m_{200}^{(20)}m_{003}^{(10)}-m_{010}^{(11)}m_{200}^{(21)}m_{102}^{(20)}\\
&+m_{010}^{(11)}m_{200}^{(21)}m_{003}^{(00)}+m_{010}^{(11)}m_{200}^{(22)}m_{102}^{(10)}-m_{010}^{(11)}m_{200}^{(22)}m_{012}^{(00)}+2m_{010}^{(11)}m_{101}^{(00)}m_{111}^{(22)}\\
&-2m_{010}^{(11)}m_{101}^{(00)}m_{102}^{(21)}-2m_{010}^{(11)}m_{101}^{(10)}m_{201}^{(22)}+2m_{010}^{(11)}m_{101}^{(10)}m_{102}^{(20)}+2m_{010}^{(11)}m_{101}^{(20)}m_{201}^{(21)}\\
&-4m_{010}^{(11)}m_{101}^{(20)}m_{111}^{(20)}+2m_{010}^{(11)}m_{101}^{(20)}m_{102}^{(10)}+2m_{010}^{(11)}m_{101}^{(21)}m_{201}^{(20)}-2m_{010}^{(11)}m_{101}^{(21)}m_{102}^{(00)}\\
&-2m_{010}^{(11)}m_{101}^{(22)}m_{201}^{(10)}+2m_{010}^{(11)}m_{101}^{(22)}m_{111}^{(00)}-m_{010}^{(11)}m_{002}^{(00)}m_{210}^{(22)}+m_{010}^{(11)}m_{002}^{(00)}m_{201}^{(21)}\\
&+m_{010}^{(11)}m_{002}^{(10)}m_{300}^{(22)}-m_{010}^{(11)}m_{002}^{(10)}m_{201}^{(20)}-m_{010}^{(11)}m_{002}^{(20)}m_{300}^{(21)}+2m_{010}^{(11)}m_{002}^{(20)}m_{210}^{(20)}\\
&-m_{010}^{(11)}m_{002}^{(20)}m_{201}^{(10)}-m_{010}^{(11)}m_{002}^{(21)}m_{300}^{(20)}+m_{010}^{(11)}m_{002}^{(21)}m_{201}^{(00)}+m_{010}^{(11)}m_{002}^{(22)}m_{300}^{(10)}\\
&-m_{010}^{(11)}m_{002}^{(22)}m_{210}^{(00)}-m_{010}^{(20)}m_{200}^{(10)}m_{021}^{(22)}+m_{010}^{(20)}m_{200}^{(10)}m_{012}^{(21)}+m_{010}^{(20)}m_{200}^{(11)}m_{111}^{(22)}\\
&-m_{010}^{(20)}m_{200}^{(11)}m_{012}^{(20)}+m_{010}^{(20)}m_{200}^{(20)}m_{021}^{(21)}-m_{010}^{(20)}m_{200}^{(20)}m_{012}^{(11)}-2m_{010}^{(20)}m_{200}^{(21)}m_{111}^{(21)}\\
&+m_{010}^{(20)}m_{200}^{(21)}m_{021}^{(20)}+m_{010}^{(20)}m_{200}^{(21)}m_{012}^{(10)}+m_{010}^{(20)}m_{200}^{(22)}m_{111}^{(11)}-m_{010}^{(20)}m_{200}^{(22)}m_{021}^{(10)}\\
&-m_{010}^{(20)}m_{110}^{(00)}m_{012}^{(21)}+m_{010}^{(20)}m_{110}^{(00)}m_{003}^{(11)}+m_{010}^{(20)}m_{110}^{(10)}m_{111}^{(22)}+m_{010}^{(20)}m_{110}^{(10)}m_{012}^{(20)}\\
&-2m_{010}^{(20)}m_{110}^{(10)}m_{003}^{(10)}-m_{010}^{(20)}m_{110}^{(11)}m_{201}^{(22)}+m_{010}^{(20)}m_{110}^{(11)}m_{003}^{(00)}-m_{010}^{(20)}m_{110}^{(20)}m_{111}^{(21)}\\
&+m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(10)}+2m_{010}^{(20)}m_{110}^{(21)}m_{201}^{(21)}-m_{010}^{(20)}m_{110}^{(21)}m_{111}^{(20)}-m_{010}^{(20)}m_{110}^{(21)}m_{012}^{(00)}\\
&-m_{010}^{(20)}m_{110}^{(22)}m_{201}^{(11)}+m_{010}^{(20)}m_{110}^{(22)}m_{111}^{(10)}+m_{010}^{(20)}m_{101}^{(00)}m_{021}^{(21)}-m_{010}^{(20)}m_{101}^{(00)}m_{012}^{(11)}\\
&+m_{010}^{(20)}m_{101}^{(10)}m_{120}^{(22)}-2m_{010}^{(20)}m_{101}^{(10)}m_{111}^{(21)}-m_{010}^{(20)}m_{101}^{(10)}m_{021}^{(20)}+2m_{010}^{(20)}m_{101}^{(10)}m_{012}^{(10)}\\
&-m_{010}^{(20)}m_{101}^{(11)}m_{210}^{(22)}+2m_{010}^{(20)}m_{101}^{(11)}m_{111}^{(20)}-m_{010}^{(20)}m_{101}^{(11)}m_{012}^{(00)}-m_{010}^{(20)}m_{101}^{(20)}m_{120}^{(21)}\\
&+2m_{010}^{(20)}m_{101}^{(20)}m_{111}^{(11)}-m_{010}^{(20)}m_{101}^{(20)}m_{021}^{(10)}+2m_{010}^{(20)}m_{101}^{(21)}m_{210}^{(21)}-m_{010}^{(20)}m_{101}^{(21)}m_{120}^{(20)}\\
&-2m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(10)}+m_{010}^{(20)}m_{101}^{(21)}m_{021}^{(00)}-m_{010}^{(20)}m_{101}^{(22)}m_{210}^{(11)}+m_{010}^{(20)}m_{101}^{(22)}m_{120}^{(10)}\\
&+m_{010}^{(20)}m_{011}^{(00)}m_{111}^{(21)}-m_{010}^{(20)}m_{011}^{(00)}m_{102}^{(11)}-m_{010}^{(20)}m_{011}^{(10)}m_{210}^{(22)}-m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(20)}\\
&+2m_{010}^{(20)}m_{011}^{(10)}m_{102}^{(10)}+m_{010}^{(20)}m_{011}^{(11)}m_{300}^{(22)}-m_{010}^{(20)}m_{011}^{(11)}m_{102}^{(00)}+m_{010}^{(20)}m_{011}^{(20)}m_{210}^{(21)}\\
&-m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(10)}-2m_{010}^{(20)}m_{011}^{(21)}m_{300}^{(21)}+m_{010}^{(20)}m_{011}^{(21)}m_{210}^{(20)}+m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(00)}\\
&+m_{010}^{(20)}m_{011}^{(22)}m_{300}^{(11)}-m_{010}^{(20)}m_{011}^{(22)}m_{210}^{(10)}-m_{010}^{(20)}m_{002}^{(00)}m_{120}^{(21)}+m_{010}^{(20)}m_{002}^{(00)}m_{111}^{(11)}\\
&+m_{010}^{(20)}m_{002}^{(10)}m_{210}^{(21)}+m_{010}^{(20)}m_{002}^{(10)}m_{120}^{(20)}-2m_{010}^{(20)}m_{002}^{(10)}m_{111}^{(10)}-m_{010}^{(20)}m_{002}^{(11)}m_{210}^{(20)}\\
&+m_{010}^{(20)}m_{002}^{(11)}m_{111}^{(00)}-m_{010}^{(20)}m_{002}^{(20)}m_{210}^{(11)}+m_{010}^{(20)}m_{002}^{(20)}m_{120}^{(10)}+m_{010}^{(20)}m_{002}^{(21)}m_{210}^{(10)}\\
&-m_{010}^{(20)}m_{002}^{(21)}m_{120}^{(00)}+m_{010}^{(21)}m_{200}^{(00)}m_{021}^{(22)}-m_{010}^{(21)}m_{200}^{(00)}m_{003}^{(11)}-m_{010}^{(21)}m_{200}^{(10)}m_{111}^{(22)}\\
&-m_{010}^{(21)}m_{200}^{(10)}m_{102}^{(21)}+2m_{010}^{(21)}m_{200}^{(10)}m_{003}^{(10)}+m_{010}^{(21)}m_{200}^{(11)}m_{102}^{(20)}-m_{010}^{(21)}m_{200}^{(11)}m_{003}^{(00)}\\
&+m_{010}^{(21)}m_{200}^{(20)}m_{111}^{(21)}+m_{010}^{(21)}m_{200}^{(20)}m_{102}^{(11)}-2m_{010}^{(21)}m_{200}^{(20)}m_{021}^{(20)}+m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(20)}\\
&-m_{010}^{(21)}m_{200}^{(21)}m_{102}^{(10)}-m_{010}^{(21)}m_{200}^{(22)}m_{111}^{(10)}+m_{010}^{(21)}m_{200}^{(22)}m_{021}^{(00)}-m_{010}^{(21)}m_{200}^{(00)}m_{111}^{(22)}\\
&+m_{010}^{(21)}m_{110}^{(00)}m_{102}^{(21)}+m_{010}^{(21)}m_{110}^{(10)}m_{201}^{(22)}-m_{010}^{(21)}m_{110}^{(10)}m_{102}^{(20)}-m_{010}^{(21)}m_{110}^{(20)}m_{201}^{(21)}\\
&+2m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(20)}-m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(10)}-m_{010}^{(21)}m_{110}^{(21)}m_{201}^{(20)}+m_{010}^{(21)}m_{110}^{(21)}m_{102}^{(00)}\\
&+m_{010}^{(21)}m_{110}^{(22)}m_{201}^{(10)}-m_{010}^{(21)}m_{110}^{(22)}m_{111}^{(00)}-m_{010}^{(21)}m_{101}^{(00)}m_{120}^{(22)}-m_{010}^{(21)}m_{101}^{(00)}m_{111}^{(21)}\\
&+2m_{010}^{(21)}m_{101}^{(00)}m_{102}^{(11)}+m_{010}^{(21)}m_{101}^{(10)}m_{210}^{(22)}+2m_{010}^{(21)}m_{101}^{(10)}m_{201}^{(21)}+m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(20)}\\
&-4m_{010}^{(21)}m_{101}^{(10)}m_{102}^{(10)}-2m_{010}^{(21)}m_{101}^{(11)}m_{201}^{(20)}+2m_{010}^{(21)}m_{101}^{(11)}m_{102}^{(00)}-m_{010}^{(21)}m_{101}^{(20)}m_{210}^{(21)}\\
&-2m_{010}^{(21)}m_{101}^{(20)}m_{201}^{(11)}+2m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(20)}+m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(10)}-m_{010}^{(21)}m_{101}^{(21)}m_{210}^{(20)}
\end{aligned}
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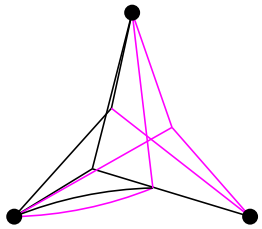
$$+2m_{010}^{(21)}m_{101}^{(21)}m_{201}^{(10)} - m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(00)} + m_{010}^{(21)}m_{101}^{(22)}m_{210}^{(10)} - m_{010}^{(21)}m_{101}^{(22)}m_{120}^{(00)}$$
$$+m_{010}^{(21)}m_{011}^{(00)}m_{210}^{(22)} - m_{010}^{(21)}m_{011}^{(00)}m_{201}^{(21)} - m_{010}^{(21)}m_{011}^{(10)}m_{300}^{(22)} + m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(20)}$$
$$+m_{010}^{(21)}m_{011}^{(20)}m_{300}^{(21)} - 2m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(20)} + m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(10)} + m_{010}^{(21)}m_{011}^{(21)}m_{300}^{(20)}$$
$$-m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(00)} - m_{010}^{(21)}m_{011}^{(22)}m_{300}^{(10)} + m_{010}^{(21)}m_{011}^{(22)}m_{210}^{(00)} + m_{010}^{(21)}m_{002}^{(00)}m_{210}^{(21)}$$
$$-m_{010}^{(21)}m_{002}^{(00)}m_{201}^{(11)} - m_{010}^{(21)}m_{002}^{(10)}m_{300}^{(21)} - m_{010}^{(21)}m_{002}^{(10)}m_{210}^{(20)} + 2m_{010}^{(21)}m_{002}^{(10)}m_{201}^{(10)}$$
$$+m_{010}^{(21)}m_{002}^{(11)}m_{300}^{(20)} - m_{010}^{(21)}m_{002}^{(11)}m_{201}^{(00)} + m_{010}^{(21)}m_{002}^{(20)}m_{300}^{(11)} - m_{010}^{(21)}m_{002}^{(20)}m_{210}^{(10)}$$
$$-m_{010}^{(21)}m_{002}^{(21)}m_{300}^{(10)} + m_{010}^{(21)}m_{002}^{(21)}m_{210}^{(00)} - m_{010}^{(22)}m_{200}^{(00)}m_{021}^{(21)} + m_{010}^{(22)}m_{200}^{(00)}m_{012}^{(11)}$$
$$+m_{010}^{(22)}m_{200}^{(10)}m_{111}^{(21)} + m_{010}^{(22)}m_{200}^{(10)}m_{021}^{(20)} - 2m_{010}^{(22)}m_{200}^{(10)}m_{012}^{(10)} - m_{010}^{(22)}m_{200}^{(11)}m_{111}^{(20)}$$
$$+m_{010}^{(22)}m_{200}^{(11)}m_{012}^{(00)} - m_{010}^{(22)}m_{200}^{(20)}m_{111}^{(11)} + m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(10)} + m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(10)}$$
$$-m_{010}^{(22)}m_{200}^{(21)}m_{021}^{(00)} + m_{010}^{(22)}m_{110}^{(00)}m_{111}^{(21)} - m_{010}^{(22)}m_{110}^{(00)}m_{102}^{(11)} - m_{010}^{(22)}m_{110}^{(10)}m_{201}^{(21)}$$
$$-m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(20)} + 2m_{010}^{(22)}m_{110}^{(10)}m_{102}^{(10)} + m_{010}^{(22)}m_{110}^{(11)}m_{201}^{(20)} - m_{010}^{(22)}m_{110}^{(11)}m_{102}^{(00)}$$
$$+m_{010}^{(22)}m_{110}^{(20)}m_{201}^{(11)} - m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(10)} - m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(10)} + m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(00)}$$
$$+m_{010}^{(22)}m_{101}^{(00)}m_{120}^{(21)} - m_{010}^{(22)}m_{101}^{(00)}m_{111}^{(11)} - m_{010}^{(22)}m_{101}^{(10)}m_{210}^{(21)} - m_{010}^{(22)}m_{101}^{(10)}m_{120}^{(20)}$$
$$+2m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(10)} + m_{010}^{(22)}m_{101}^{(11)}m_{210}^{(20)} - m_{010}^{(22)}m_{101}^{(11)}m_{111}^{(00)} + m_{010}^{(22)}m_{101}^{(20)}m_{210}^{(11)}$$
$$-m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(10)} - m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(10)} + m_{010}^{(22)}m_{101}^{(21)}m_{120}^{(00)} - m_{010}^{(22)}m_{011}^{(00)}m_{210}^{(21)}$$
$$+m_{010}^{(22)}m_{011}^{(00)}m_{201}^{(11)} + m_{010}^{(22)}m_{011}^{(10)}m_{300}^{(21)} + m_{010}^{(22)}m_{011}^{(10)}m_{210}^{(20)} - 2m_{010}^{(22)}m_{011}^{(10)}m_{201}^{(10)}$$
$$-m_{010}^{(22)}m_{011}^{(11)}m_{300}^{(20)} + m_{010}^{(22)}m_{011}^{(11)}m_{201}^{(00)} - m_{010}^{(22)}m_{011}^{(20)}m_{300}^{(11)} + m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(10)}$$
$$+m_{010}^{(22)}m_{011}^{(21)}m_{300}^{(10)} - m_{010}^{(22)}m_{011}^{(21)}m_{210}^{(00)} + m_{001}^{(00)}m_{110}^{(10)}m_{021}^{(22)} - m_{001}^{(00)}m_{110}^{(10)}m_{012}^{(21)}$$
$$-m_{001}^{(00)}m_{110}^{(11)}m_{111}^{(22)} + m_{001}^{(00)}m_{110}^{(11)}m_{012}^{(20)} - m_{001}^{(00)}m_{110}^{(20)}m_{021}^{(21)} + m_{001}^{(00)}m_{110}^{(20)}m_{012}^{(11)}$$
$$+2m_{001}^{(00)}m_{110}^{(21)}m_{111}^{(21)} - m_{001}^{(00)}m_{110}^{(21)}m_{021}^{(20)} - m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(10)} - m_{001}^{(00)}m_{110}^{(22)}m_{111}^{(11)}$$
$$+m_{001}^{(00)}m_{110}^{(22)}m_{021}^{(10)} - m_{001}^{(00)}m_{101}^{(10)}m_{030}^{(22)} + m_{001}^{(00)}m_{101}^{(10)}m_{021}^{(21)} + m_{001}^{(00)}m_{101}^{(11)}m_{120}^{(22)}$$
$$-m_{001}^{(00)}m_{101}^{(11)}m_{021}^{(20)} + m_{001}^{(00)}m_{101}^{(20)}m_{030}^{(21)} - m_{001}^{(00)}m_{101}^{(20)}m_{021}^{(11)} - 2m_{001}^{(00)}m_{101}^{(21)}m_{120}^{(21)}$$
$$+m_{001}^{(00)}m_{101}^{(21)}m_{030}^{(20)} + m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(10)} + m_{001}^{(00)}m_{101}^{(22)}m_{120}^{(11)} - m_{001}^{(00)}m_{101}^{(22)}m_{030}^{(10)}$$
$$-m_{001}^{(00)}m_{020}^{(10)}m_{111}^{(22)} + m_{001}^{(00)}m_{020}^{(10)}m_{102}^{(21)} + m_{001}^{(00)}m_{020}^{(11)}m_{201}^{(22)} - m_{001}^{(00)}m_{020}^{(11)}m_{102}^{(20)}$$
$$+m_{001}^{(00)}m_{020}^{(20)}m_{111}^{(21)} - m_{001}^{(00)}m_{020}^{(20)}m_{102}^{(11)} - 2m_{001}^{(00)}m_{020}^{(21)}m_{201}^{(21)} + m_{001}^{(00)}m_{020}^{(21)}m_{111}^{(20)}$$
$$+m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(10)} + m_{001}^{(00)}m_{020}^{(22)}m_{201}^{(11)} - m_{001}^{(00)}m_{020}^{(22)}m_{111}^{(10)} + m_{001}^{(00)}m_{011}^{(10)}m_{120}^{(22)}$$
$$-m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(21)} - m_{001}^{(00)}m_{011}^{(11)}m_{210}^{(22)} + m_{001}^{(00)}m_{011}^{(11)}m_{111}^{(20)} - m_{001}^{(00)}m_{011}^{(20)}m_{120}^{(21)}$$
$$+m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(11)} + 2m_{001}^{(00)}m_{011}^{(21)}m_{210}^{(21)} - m_{001}^{(00)}m_{011}^{(21)}m_{120}^{(20)} - m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(10)}$$
$$-m_{001}^{(00)}m_{011}^{(22)}m_{210}^{(11)} + m_{001}^{(00)}m_{011}^{(22)}m_{120}^{(10)} - m_{001}^{(10)}m_{200}^{(10)}m_{021}^{(22)} + m_{001}^{(10)}m_{200}^{(10)}m_{012}^{(21)}$$
$$+m_{001}^{(10)}m_{200}^{(11)}m_{111}^{(22)} - m_{001}^{(10)}m_{200}^{(11)}m_{012}^{(20)} + m_{001}^{(10)}m_{200}^{(20)}m_{021}^{(21)} - m_{001}^{(10)}m_{200}^{(20)}m_{012}^{(11)}$$
$$-2m_{001}^{(10)}m_{200}^{(21)}m_{111}^{(21)} + m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(20)} + m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(10)} + m_{001}^{(10)}m_{200}^{(22)}m_{111}^{(11)}$$
$$-m_{001}^{(10)}m_{200}^{(22)}m_{021}^{(10)} - m_{001}^{(10)}m_{110}^{(00)}m_{021}^{(22)} + m_{001}^{(10)}m_{110}^{(00)}m_{012}^{(21)} + 2m_{001}^{(10)}m_{110}^{(10)}m_{111}^{(22)}$$
$$-m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(21)} - m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(20)} - m_{001}^{(10)}m_{110}^{(11)}m_{201}^{(22)} + m_{001}^{(10)}m_{110}^{(11)}m_{102}^{(20)}$$
$$-2m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(21)} + m_{001}^{(10)}m_{110}^{(20)}m_{102}^{(11)} + 2m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(20)} - m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(10)}$$
$$+2m_{001}^{(10)}m_{110}^{(21)}m_{201}^{(21)} - 2m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(20)} - m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(10)} + m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(00)}$$
$$-m_{001}^{(10)}m_{110}^{(22)}m_{201}^{(11)} + 2m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(10)} - m_{001}^{(10)}m_{110}^{(22)}m_{021}^{(00)} + m_{001}^{(10)}m_{101}^{(00)}m_{030}^{(22)}$$
$$-m_{001}^{(10)}m_{101}^{(00)}m_{021}^{(21)} - m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(21)} + m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(20)} - m_{001}^{(10)}m_{101}^{(11)}m_{210}^{(22)}$$
$$+m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(20)} + m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(11)} - 2m_{001}^{(10)}m_{101}^{(20)}m_{030}^{(20)} + m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(10)}$$

$$
\begin{aligned}
&+2m_{001}^{(10)}m_{101}^{(21)}m_{210}^{(21)} - m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(10)} - m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(00)} - m_{001}^{(10)}m_{101}^{(22)}m_{210}^{(11)}\\
&+m_{001}^{(10)}m_{101}^{(22)}m_{030}^{(00)} + m_{001}^{(10)}m_{020}^{(00)}m_{111}^{(22)} - m_{001}^{(10)}m_{020}^{(00)}m_{102}^{(21)} - m_{001}^{(10)}m_{020}^{(10)}m_{201}^{(22)}\\
&+m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(20)} + m_{001}^{(10)}m_{020}^{(20)}m_{201}^{(21)} - 2m_{001}^{(10)}m_{020}^{(20)}m_{111}^{(20)} + m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(10)}\\
&+m_{001}^{(10)}m_{020}^{(21)}m_{201}^{(20)} - m_{001}^{(10)}m_{020}^{(21)}m_{102}^{(00)} - m_{001}^{(10)}m_{020}^{(22)}m_{201}^{(10)} + m_{001}^{(10)}m_{020}^{(22)}m_{111}^{(00)}\\
&-m_{001}^{(10)}m_{011}^{(00)}m_{120}^{(22)} + m_{001}^{(10)}m_{011}^{(00)}m_{111}^{(21)} + m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(21)} - m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(20)}\\
&+m_{001}^{(10)}m_{011}^{(11)}m_{300}^{(22)} - m_{001}^{(10)}m_{011}^{(11)}m_{201}^{(20)} - m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(11)} + 2m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(20)}\\
&-m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(10)} - 2m_{001}^{(10)}m_{011}^{(21)}m_{300}^{(21)} + m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(10)} + m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(00)}\\
&+m_{001}^{(10)}m_{011}^{(22)}m_{300}^{(11)} - m_{001}^{(10)}m_{011}^{(22)}m_{120}^{(00)} + m_{001}^{(11)}m_{200}^{(00)}m_{021}^{(22)} - m_{001}^{(11)}m_{200}^{(00)}m_{012}^{(21)}\\
&-m_{001}^{(11)}m_{200}^{(10)}m_{111}^{(22)} + m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(20)} + m_{001}^{(11)}m_{200}^{(20)}m_{111}^{(21)} - 2m_{001}^{(11)}m_{200}^{(20)}m_{021}^{(20)}\\
&+m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(10)} + m_{001}^{(11)}m_{200}^{(21)}m_{111}^{(20)} - m_{001}^{(11)}m_{200}^{(21)}m_{012}^{(00)} - m_{001}^{(11)}m_{200}^{(22)}m_{111}^{(10)}\\
&+m_{001}^{(11)}m_{200}^{(22)}m_{021}^{(00)} - m_{001}^{(11)}m_{110}^{(00)}m_{111}^{(22)} + m_{001}^{(11)}m_{110}^{(00)}m_{102}^{(21)} + m_{001}^{(11)}m_{110}^{(10)}m_{201}^{(22)}\\
&-m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(20)} - m_{001}^{(11)}m_{110}^{(20)}m_{201}^{(21)} + 2m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(20)} - m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(10)}\\
&-m_{001}^{(11)}m_{110}^{(21)}m_{201}^{(20)} + m_{001}^{(11)}m_{110}^{(21)}m_{102}^{(00)} + m_{001}^{(11)}m_{110}^{(22)}m_{201}^{(10)} - m_{001}^{(11)}m_{110}^{(22)}m_{111}^{(00)}\\
&-m_{001}^{(11)}m_{101}^{(00)}m_{120}^{(22)} + m_{001}^{(11)}m_{101}^{(00)}m_{111}^{(21)} + m_{001}^{(11)}m_{101}^{(10)}m_{210}^{(22)} - m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(20)}\\
&-m_{001}^{(11)}m_{101}^{(20)}m_{210}^{(21)} + 2m_{001}^{(11)}m_{101}^{(20)}m_{120}^{(20)} - m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(10)} - m_{001}^{(11)}m_{101}^{(21)}m_{210}^{(20)}\\
&+m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(00)} + m_{001}^{(11)}m_{101}^{(22)}m_{210}^{(10)} - m_{001}^{(11)}m_{101}^{(22)}m_{120}^{(00)} + m_{001}^{(11)}m_{011}^{(00)}m_{210}^{(22)}\\
&-m_{001}^{(11)}m_{011}^{(00)}m_{201}^{(21)} - m_{001}^{(11)}m_{011}^{(10)}m_{300}^{(22)} + m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(20)} + m_{001}^{(11)}m_{011}^{(20)}m_{300}^{(21)}\\
&-2m_{001}^{(11)}m_{011}^{(20)}m_{210}^{(20)} + m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(10)} + m_{001}^{(11)}m_{011}^{(21)}m_{300}^{(20)} - m_{001}^{(11)}m_{011}^{(21)}m_{201}^{(00)}\\
&-m_{001}^{(11)}m_{011}^{(22)}m_{300}^{(10)} + m_{001}^{(11)}m_{011}^{(22)}m_{210}^{(00)} + m_{001}^{(20)}m_{200}^{(10)}m_{030}^{(22)} - m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(21)}\\
&-m_{001}^{(20)}m_{200}^{(11)}m_{120}^{(22)} + m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(20)} - m_{001}^{(20)}m_{200}^{(20)}m_{030}^{(21)} + m_{001}^{(20)}m_{200}^{(20)}m_{021}^{(11)}\\
&+2m_{001}^{(20)}m_{200}^{(21)}m_{120}^{(21)} - m_{001}^{(20)}m_{200}^{(21)}m_{030}^{(20)} - m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(10)} - m_{001}^{(20)}m_{200}^{(22)}m_{120}^{(11)}\\
&+m_{001}^{(20)}m_{200}^{(22)}m_{030}^{(10)} + m_{001}^{(20)}m_{110}^{(00)}m_{021}^{(21)} - m_{001}^{(20)}m_{110}^{(00)}m_{012}^{(11)} - 2m_{001}^{(20)}m_{110}^{(10)}m_{120}^{(22)}\\
&+m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(21)} - m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(20)} + 2m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(10)} + 2m_{001}^{(20)}m_{110}^{(11)}m_{210}^{(22)}\\
&-m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(20)} - m_{001}^{(20)}m_{110}^{(11)}m_{012}^{(00)} + 2m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(21)} - m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(11)}\\
&-m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(10)} - 4m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(21)} + 2m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(20)} + m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(10)}\\
&+m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(00)} + 2m_{001}^{(20)}m_{110}^{(22)}m_{210}^{(11)} - 2m_{001}^{(20)}m_{110}^{(22)}m_{120}^{(10)} - m_{001}^{(20)}m_{101}^{(00)}m_{030}^{(21)}\\
&+m_{001}^{(20)}m_{101}^{(00)}m_{021}^{(11)} + m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(21)} + m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(20)} - 2m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(10)}\\
&-m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(20)} + m_{001}^{(20)}m_{101}^{(11)}m_{021}^{(00)} - m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(11)} + m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(10)}\\
&+m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(10)} - m_{001}^{(20)}m_{101}^{(21)}m_{030}^{(00)} - m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(21)} + m_{001}^{(20)}m_{020}^{(00)}m_{102}^{(11)}\\
&+m_{001}^{(20)}m_{020}^{(10)}m_{210}^{(22)} + m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(20)} - 2m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(10)} - m_{001}^{(20)}m_{020}^{(11)}m_{300}^{(22)}\\
&+m_{001}^{(20)}m_{020}^{(11)}m_{102}^{(00)} - m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(21)} + m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(10)} + 2m_{001}^{(20)}m_{020}^{(21)}m_{300}^{(21)}\\
&-m_{001}^{(20)}m_{020}^{(21)}m_{210}^{(20)} - m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(00)} - m_{001}^{(20)}m_{020}^{(22)}m_{300}^{(11)} + m_{001}^{(20)}m_{020}^{(22)}m_{210}^{(10)}\\
&+m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(21)} - m_{001}^{(20)}m_{011}^{(00)}m_{111}^{(11)} - m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(21)} - m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(20)}\\
&+2m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(10)} + m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(20)} - m_{001}^{(20)}m_{011}^{(11)}m_{111}^{(00)} + m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(11)}\\
&-m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(10)} - m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(10)} + m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(00)} - m_{001}^{(21)}m_{200}^{(00)}m_{030}^{(22)}\\
&+m_{001}^{(21)}m_{200}^{(00)}m_{012}^{(11)} + m_{001}^{(21)}m_{200}^{(10)}m_{120}^{(22)} + m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(21)} - 2m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(10)}\\
&-m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(20)} + m_{001}^{(21)}m_{200}^{(11)}m_{012}^{(00)} - m_{001}^{(21)}m_{200}^{(20)}m_{120}^{(21)} - m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(11)}\\
&+2m_{001}^{(21)}m_{200}^{(20)}m_{030}^{(20)} - m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(20)} + m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(10)} + m_{001}^{(21)}m_{200}^{(22)}m_{120}^{(10)}
\end{aligned}
$$

$$
\begin{aligned}
&-m_{001}^{(21)}m_{200}^{(22)}m_{030}^{(00)} + 2m_{001}^{(21)}m_{110}^{(00)}m_{120}^{(22)} - m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(21)} - m_{001}^{(21)}m_{110}^{(00)}m_{102}^{(11)}\\
&-2m_{001}^{(21)}m_{110}^{(10)}m_{210}^{(22)} - m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(21)} + m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(20)} + 2m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(10)}\\
&+m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(20)} - m_{001}^{(21)}m_{110}^{(11)}m_{102}^{(00)} + 2m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(21)} + m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(11)}\\
&-4m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(20)} + m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(10)} + 2m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(20)} - m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(10)}\\
&-m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(00)} - 2m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(10)} + 2m_{001}^{(21)}m_{110}^{(22)}m_{120}^{(00)} + m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(21)}\\
&-m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(11)} - m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(21)} - m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(20)} + 2m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(10)}\\
&+m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(20)} - m_{001}^{(21)}m_{101}^{(11)}m_{111}^{(00)} + m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(11)} - m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(10)}\\
&-m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(10)} + m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(00)} - m_{001}^{(21)}m_{020}^{(00)}m_{210}^{(22)} + m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(21)}\\
&+m_{001}^{(21)}m_{020}^{(10)}m_{300}^{(22)} - m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(20)} - m_{001}^{(21)}m_{020}^{(20)}m_{300}^{(21)} + 2m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(20)}\\
&-m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(10)} - m_{001}^{(21)}m_{020}^{(21)}m_{300}^{(20)} + m_{001}^{(21)}m_{020}^{(21)}m_{201}^{(00)} + m_{001}^{(21)}m_{020}^{(22)}m_{300}^{(10)}\\
&-m_{001}^{(21)}m_{020}^{(22)}m_{210}^{(00)} - m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(21)} + m_{001}^{(21)}m_{011}^{(00)}m_{201}^{(11)} + m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(21)}\\
&+m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(20)} - 2m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(10)} - m_{001}^{(21)}m_{011}^{(11)}m_{300}^{(20)} + m_{001}^{(21)}m_{011}^{(11)}m_{201}^{(00)}\\
&-m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(11)} + m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(10)} + m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(10)} - m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(00)}\\
&+m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(21)} - m_{001}^{(22)}m_{200}^{(00)}m_{021}^{(11)} - m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(21)} - m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(20)}\\
&+2m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(10)} + m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(20)} - m_{001}^{(22)}m_{200}^{(11)}m_{021}^{(00)} + m_{001}^{(22)}m_{200}^{(20)}m_{120}^{(11)}\\
&-m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(10)} - m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(10)} + m_{001}^{(22)}m_{200}^{(21)}m_{030}^{(00)} - 2m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(21)}\\
&+2m_{001}^{(22)}m_{110}^{(00)}m_{111}^{(11)} + 2m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(21)} + 2m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(20)} - 4m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(10)}\\
&-2m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(20)} + 2m_{001}^{(22)}m_{110}^{(11)}m_{111}^{(00)} - 2m_{001}^{(22)}m_{110}^{(20)}m_{210}^{(11)} + 2m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(10)}\\
&+2m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(10)} - 2m_{001}^{(22)}m_{110}^{(21)}m_{120}^{(00)} + m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(21)} - m_{001}^{(22)}m_{020}^{(00)}m_{201}^{(11)}\\
&-m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(21)} - m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(20)} + 2m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(10)} + m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(20)}\\
&-m_{001}^{(22)}m_{020}^{(11)}m_{201}^{(00)} + m_{001}^{(22)}m_{020}^{(20)}m_{300}^{(11)} - m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(10)} - m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(10)}\\
&+m_{001}^{(22)}m_{020}^{(21)}m_{210}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & V1 & 1 & 1\\
1 & V2 & 2 & 2\\
V2 & V3 & V3 & 3
\end{array}
$$



$$
T_{75} \;=\; m_{100}^{(00)}m_{020}^{(10)}m_{012}^{(22)} - m_{100}^{(00)}m_{020}^{(10)}m_{003}^{(21)} - m_{100}^{(00)}m_{020}^{(11)}m_{102}^{(22)} + m_{100}^{(00)}m_{020}^{(11)}m_{003}^{(20)}
$$

$$
\begin{aligned}
&-m_{100}^{(00)}m_{020}^{(20)}m_{021}^{(22)}+m_{100}^{(00)}m_{020}^{(20)}m_{012}^{(21)}+m_{100}^{(00)}m_{020}^{(21)}m_{111}^{(22)}+m_{100}^{(00)}m_{020}^{(21)}m_{102}^{(21)}\\
&-2m_{100}^{(00)}m_{020}^{(21)}m_{012}^{(20)}-m_{100}^{(00)}m_{020}^{(22)}m_{111}^{(21)}+m_{100}^{(00)}m_{020}^{(22)}m_{021}^{(20)}-m_{100}^{(00)}m_{011}^{(10)}m_{021}^{(22)}\\
&+m_{100}^{(00)}m_{011}^{(10)}m_{003}^{(11)}+m_{100}^{(00)}m_{011}^{(11)}m_{111}^{(22)}+m_{100}^{(00)}m_{011}^{(11)}m_{102}^{(21)}-m_{100}^{(00)}m_{011}^{(11)}m_{012}^{(20)}\\
&-m_{100}^{(00)}m_{011}^{(11)}m_{003}^{(10)}+m_{100}^{(00)}m_{011}^{(20)}m_{030}^{(22)}-m_{100}^{(00)}m_{011}^{(20)}m_{012}^{(11)}-m_{100}^{(00)}m_{011}^{(21)}m_{120}^{(22)}\\
&-2m_{100}^{(00)}m_{011}^{(21)}m_{111}^{(21)}-m_{100}^{(00)}m_{011}^{(21)}m_{102}^{(11)}+2m_{100}^{(00)}m_{011}^{(21)}m_{021}^{(20)}+2m_{100}^{(00)}m_{011}^{(21)}m_{012}^{(10)}\\
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&+m_{100}^{(00)}m_{002}^{(10)}m_{021}^{(21)}-m_{100}^{(00)}m_{002}^{(10)}m_{012}^{(11)}-m_{100}^{(00)}m_{002}^{(11)}m_{111}^{(21)}+m_{100}^{(00)}m_{002}^{(11)}m_{012}^{(10)}\\
&-m_{100}^{(00)}m_{002}^{(20)}m_{030}^{(21)}+m_{100}^{(00)}m_{002}^{(20)}m_{021}^{(11)}+m_{100}^{(00)}m_{002}^{(21)}m_{120}^{(21)}+m_{100}^{(00)}m_{002}^{(21)}m_{111}^{(11)}\\
&-2m_{100}^{(00)}m_{002}^{(21)}m_{021}^{(10)}-m_{100}^{(00)}m_{002}^{(22)}m_{120}^{(11)}+m_{100}^{(00)}m_{002}^{(22)}m_{030}^{(10)}-m_{100}^{(10)}m_{110}^{(10)}m_{012}^{(22)}\\
&+m_{100}^{(10)}m_{110}^{(10)}m_{003}^{(21)}+m_{100}^{(10)}m_{110}^{(11)}m_{102}^{(22)}-m_{100}^{(10)}m_{110}^{(11)}m_{003}^{(20)}+m_{100}^{(10)}m_{110}^{(20)}m_{021}^{(22)}\\
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&+m_{100}^{(10)}m_{110}^{(22)}m_{111}^{(21)}-m_{100}^{(10)}m_{110}^{(22)}m_{021}^{(20)}+m_{100}^{(10)}m_{101}^{(10)}m_{012}^{(21)}-m_{100}^{(10)}m_{101}^{(10)}m_{003}^{(11)}\\
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&+m_{100}^{(10)}m_{101}^{(21)}m_{111}^{(21)}+m_{100}^{(10)}m_{101}^{(21)}m_{102}^{(11)}-2m_{100}^{(10)}m_{101}^{(21)}m_{012}^{(10)}-m_{100}^{(10)}m_{101}^{(22)}m_{111}^{(11)}\\
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&+m_{100}^{(20)}m_{110}^{(21)}m_{120}^{(22)}+m_{100}^{(20)}m_{110}^{(21)}m_{111}^{(21)}-2m_{100}^{(20)}m_{110}^{(21)}m_{021}^{(20)}-m_{100}^{(20)}m_{110}^{(22)}m_{120}^{(21)}\\
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&+2m_{100}^{(21)}m_{011}^{(10)}m_{201}^{(21)}+m_{100}^{(21)}m_{011}^{(10)}m_{111}^{(20)}-m_{100}^{(21)}m_{011}^{(10)}m_{102}^{(10)}+m_{100}^{(21)}m_{011}^{(11)}m_{300}^{(22)}\\
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&+2m_{100}^{(21)}m_{002}^{(10)}m_{210}^{(21)}-m_{100}^{(21)}m_{002}^{(10)}m_{201}^{(11)}-m_{100}^{(21)}m_{002}^{(10)}m_{111}^{(10)}-m_{100}^{(21)}m_{002}^{(11)}m_{300}^{(21)}\\
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&-m_{100}^{(22)}m_{101}^{(20)}m_{120}^{(10)}-m_{100}^{(22)}m_{101}^{(21)}m_{210}^{(10)}-m_{100}^{(22)}m_{020}^{(00)}m_{120}^{(22)}
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&+m_{100}^{(22)}m_{020}^{(00)}m_{111}^{(21)}+2m_{100}^{(22)}m_{020}^{(10)}m_{210}^{(22)}-m_{100}^{(22)}m_{020}^{(10)}m_{201}^{(21)}-m_{100}^{(22)}m_{020}^{(10)}m_{111}^{(20)}\\
&-m_{100}^{(22)}m_{020}^{(11)}m_{300}^{(22)}+m_{100}^{(22)}m_{020}^{(11)}m_{201}^{(20)}-m_{100}^{(22)}m_{020}^{(20)}m_{210}^{(21)}+m_{100}^{(22)}m_{020}^{(20)}m_{120}^{(20)}\\
&+m_{100}^{(22)}m_{020}^{(21)}m_{300}^{(21)}-m_{100}^{(22)}m_{020}^{(21)}m_{210}^{(20)}+m_{100}^{(22)}m_{011}^{(00)}m_{120}^{(21)}-m_{100}^{(22)}m_{011}^{(00)}m_{111}^{(11)}\\
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&+m_{010}^{(10)}m_{200}^{(21)}m_{102}^{(21)}-2m_{010}^{(10)}m_{200}^{(21)}m_{012}^{(20)}-m_{010}^{(10)}m_{200}^{(22)}m_{111}^{(21)}+m_{010}^{(10)}m_{200}^{(22)}m_{021}^{(20)}\\
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&+2m_{010}^{(10)}m_{101}^{(20)}m_{021}^{(20)}-m_{010}^{(10)}m_{101}^{(20)}m_{012}^{(10)}-2m_{010}^{(10)}m_{101}^{(21)}m_{210}^{(22)}-m_{010}^{(10)}m_{101}^{(21)}m_{201}^{(21)}\\
&+2m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(20)}-m_{010}^{(10)}m_{101}^{(21)}m_{102}^{(10)}+2m_{010}^{(10)}m_{101}^{(21)}m_{012}^{(00)}+2m_{010}^{(10)}m_{101}^{(22)}m_{210}^{(21)}\\
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&+m_{010}^{(10)}m_{011}^{(00)}m_{003}^{(10)}+m_{010}^{(10)}m_{011}^{(10)}m_{102}^{(20)}-m_{010}^{(10)}m_{011}^{(10)}m_{003}^{(00)}+m_{010}^{(10)}m_{011}^{(20)}m_{111}^{(20)}\\
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&+m_{010}^{(10)}m_{011}^{(22)}m_{201}^{(10)}-m_{010}^{(10)}m_{011}^{(22)}m_{111}^{(00)}+m_{010}^{(10)}m_{002}^{(00)}m_{021}^{(20)}-m_{010}^{(10)}m_{002}^{(00)}m_{012}^{(10)}\\
&-m_{010}^{(10)}m_{002}^{(10)}m_{102}^{(10)}+m_{010}^{(10)}m_{002}^{(10)}m_{012}^{(00)}-m_{010}^{(10)}m_{002}^{(11)}m_{201}^{(20)}+m_{010}^{(10)}m_{002}^{(11)}m_{102}^{(00)}\\
&-2m_{010}^{(10)}m_{002}^{(20)}m_{120}^{(20)}+3m_{010}^{(10)}m_{002}^{(20)}m_{111}^{(10)}-m_{010}^{(10)}m_{002}^{(20)}m_{021}^{(00)}+2m_{010}^{(10)}m_{002}^{(21)}m_{210}^{(20)}\\
&+m_{010}^{(10)}m_{002}^{(21)}m_{201}^{(10)}-3m_{010}^{(10)}m_{002}^{(21)}m_{111}^{(00)}-2m_{010}^{(10)}m_{002}^{(22)}m_{210}^{(10)}+2m_{010}^{(10)}m_{002}^{(22)}m_{120}^{(00)}\\
&-m_{010}^{(11)}m_{200}^{(00)}m_{012}^{(22)}+m_{010}^{(11)}m_{200}^{(00)}m_{003}^{(21)}+m_{010}^{(11)}m_{200}^{(10)}m_{102}^{(22)}-m_{010}^{(11)}m_{200}^{(10)}m_{003}^{(20)}\\
&+m_{010}^{(11)}m_{200}^{(20)}m_{111}^{(22)}-2m_{010}^{(11)}m_{200}^{(20)}m_{102}^{(21)}+m_{010}^{(11)}m_{200}^{(20)}m_{012}^{(20)}-m_{010}^{(11)}m_{200}^{(21)}m_{201}^{(22)}\\
&+m_{010}^{(11)}m_{200}^{(21)}m_{102}^{(20)}+m_{010}^{(11)}m_{200}^{(22)}m_{201}^{(21)}-m_{010}^{(11)}m_{200}^{(22)}m_{111}^{(20)}+m_{010}^{(11)}m_{101}^{(00)}m_{111}^{(22)}\\
&-m_{010}^{(11)}m_{101}^{(00)}m_{102}^{(21)}+m_{010}^{(11)}m_{101}^{(00)}m_{012}^{(20)}-m_{010}^{(11)}m_{101}^{(00)}m_{003}^{(10)}-m_{010}^{(11)}m_{101}^{(10)}m_{201}^{(22)}\\
&+m_{010}^{(11)}m_{101}^{(10)}m_{003}^{(00)}-m_{010}^{(11)}m_{101}^{(20)}m_{210}^{(22)}+2m_{010}^{(11)}m_{101}^{(20)}m_{201}^{(21)}-2m_{010}^{(11)}m_{101}^{(20)}m_{111}^{(20)}
\end{aligned}
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\begin{aligned}
&+2m_{010}^{(11)}m_{101}^{(20)}m_{102}^{(10)} - m_{010}^{(11)}m_{101}^{(20)}m_{012}^{(00)} + m_{010}^{(11)}m_{101}^{(21)}m_{300}^{(22)} - m_{010}^{(11)}m_{101}^{(21)}m_{102}^{(00)}\\
&-m_{010}^{(11)}m_{101}^{(22)}m_{300}^{(21)} + m_{010}^{(11)}m_{101}^{(22)}m_{210}^{(20)} - m_{010}^{(11)}m_{101}^{(22)}m_{201}^{(10)} + m_{010}^{(11)}m_{101}^{(22)}m_{111}^{(00)}\\
&-m_{010}^{(11)}m_{002}^{(00)}m_{111}^{(20)} + m_{010}^{(11)}m_{002}^{(00)}m_{102}^{(10)} + m_{010}^{(11)}m_{002}^{(10)}m_{201}^{(20)} - m_{010}^{(11)}m_{002}^{(10)}m_{102}^{(00)}\\
&+m_{010}^{(11)}m_{002}^{(20)}m_{210}^{(20)} - 2m_{010}^{(11)}m_{002}^{(20)}m_{201}^{(10)} + m_{010}^{(11)}m_{002}^{(20)}m_{111}^{(00)} - m_{010}^{(11)}m_{002}^{(21)}m_{300}^{(20)}\\
&+m_{010}^{(11)}m_{002}^{(21)}m_{201}^{(00)} + m_{010}^{(11)}m_{002}^{(22)}m_{300}^{(10)} - m_{010}^{(11)}m_{002}^{(22)}m_{210}^{(00)} - m_{010}^{(20)}m_{200}^{(10)}m_{021}^{(22)}\\
&+m_{010}^{(20)}m_{200}^{(10)}m_{012}^{(21)} + m_{010}^{(20)}m_{200}^{(11)}m_{111}^{(22)} - m_{010}^{(20)}m_{200}^{(11)}m_{012}^{(20)} + m_{010}^{(20)}m_{200}^{(20)}m_{030}^{(22)}\\
&-m_{010}^{(20)}m_{200}^{(20)}m_{021}^{(21)} - m_{010}^{(20)}m_{200}^{(21)}m_{120}^{(22)} - m_{010}^{(20)}m_{200}^{(21)}m_{111}^{(21)} + 2m_{010}^{(20)}m_{200}^{(21)}m_{021}^{(20)}\\
&+m_{010}^{(20)}m_{200}^{(22)}m_{120}^{(21)} - m_{010}^{(20)}m_{200}^{(22)}m_{030}^{(20)} - m_{010}^{(20)}m_{110}^{(00)}m_{021}^{(22)} + m_{010}^{(20)}m_{110}^{(00)}m_{012}^{(21)}\\
&+3m_{010}^{(20)}m_{110}^{(10)}m_{111}^{(22)} - 2m_{010}^{(20)}m_{110}^{(10)}m_{102}^{(21)} - m_{010}^{(20)}m_{110}^{(10)}m_{012}^{(20)} - 2m_{010}^{(20)}m_{110}^{(11)}m_{201}^{(22)}\\
&+2m_{010}^{(20)}m_{110}^{(11)}m_{102}^{(20)} - m_{010}^{(20)}m_{110}^{(20)}m_{120}^{(22)} + m_{010}^{(20)}m_{110}^{(20)}m_{021}^{(20)} + m_{010}^{(20)}m_{110}^{(21)}m_{210}^{(22)}\\
&+2m_{010}^{(20)}m_{110}^{(21)}m_{201}^{(21)} - 3m_{010}^{(20)}m_{110}^{(21)}m_{111}^{(20)} - m_{010}^{(20)}m_{110}^{(22)}m_{210}^{(21)} + m_{010}^{(20)}m_{110}^{(22)}m_{120}^{(20)}\\
&+m_{010}^{(20)}m_{101}^{(00)}m_{030}^{(22)} - m_{010}^{(20)}m_{101}^{(00)}m_{021}^{(21)} - 2m_{010}^{(20)}m_{101}^{(10)}m_{120}^{(22)} + m_{010}^{(20)}m_{101}^{(10)}m_{111}^{(21)}\\
&+2m_{010}^{(20)}m_{101}^{(10)}m_{021}^{(20)} - m_{010}^{(20)}m_{101}^{(10)}m_{012}^{(10)} + m_{010}^{(20)}m_{101}^{(11)}m_{210}^{(22)} - 2m_{010}^{(20)}m_{101}^{(11)}m_{111}^{(20)}\\
&+m_{010}^{(20)}m_{101}^{(11)}m_{012}^{(00)} + m_{010}^{(20)}m_{101}^{(20)}m_{120}^{(21)} - 2m_{010}^{(20)}m_{101}^{(20)}m_{030}^{(20)} + m_{010}^{(20)}m_{101}^{(20)}m_{021}^{(10)}\\
&-m_{010}^{(20)}m_{101}^{(21)}m_{210}^{(21)} + 2m_{010}^{(20)}m_{101}^{(21)}m_{120}^{(20)} + m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(10)} - 2m_{010}^{(20)}m_{101}^{(21)}m_{021}^{(00)}\\
&-m_{010}^{(20)}m_{101}^{(22)}m_{120}^{(10)} + m_{010}^{(20)}m_{101}^{(22)}m_{030}^{(00)} + m_{010}^{(20)}m_{011}^{(00)}m_{021}^{(20)} - m_{010}^{(20)}m_{011}^{(00)}m_{012}^{(10)}\\
&-3m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(20)} + 2m_{010}^{(20)}m_{011}^{(10)}m_{102}^{(10)} + m_{010}^{(20)}m_{011}^{(10)}m_{012}^{(00)} + 2m_{010}^{(20)}m_{011}^{(11)}m_{201}^{(20)}\\
&-2m_{010}^{(20)}m_{011}^{(11)}m_{102}^{(00)} + m_{010}^{(20)}m_{011}^{(20)}m_{120}^{(20)} - m_{010}^{(20)}m_{011}^{(20)}m_{021}^{(00)} - m_{010}^{(20)}m_{011}^{(21)}m_{210}^{(20)}\\
&-2m_{010}^{(20)}m_{011}^{(21)}m_{201}^{(10)} + 3m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(00)} + m_{010}^{(20)}m_{011}^{(22)}m_{210}^{(10)} - m_{010}^{(20)}m_{011}^{(22)}m_{120}^{(00)}\\
&-m_{010}^{(20)}m_{002}^{(00)}m_{030}^{(20)} + m_{010}^{(20)}m_{002}^{(00)}m_{021}^{(10)} + 2m_{010}^{(20)}m_{002}^{(10)}m_{120}^{(20)} - m_{010}^{(20)}m_{002}^{(10)}m_{111}^{(10)}\\
&-m_{010}^{(20)}m_{002}^{(10)}m_{021}^{(00)} - m_{010}^{(20)}m_{002}^{(11)}m_{210}^{(20)} + m_{010}^{(20)}m_{002}^{(11)}m_{111}^{(00)} - m_{010}^{(20)}m_{002}^{(20)}m_{120}^{(10)}\\
&+m_{010}^{(20)}m_{002}^{(20)}m_{030}^{(00)} + m_{010}^{(20)}m_{002}^{(21)}m_{210}^{(10)} - m_{010}^{(20)}m_{002}^{(21)}m_{120}^{(00)} + 2m_{010}^{(21)}m_{200}^{(00)}m_{021}^{(22)}\\
&-2m_{010}^{(21)}m_{200}^{(00)}m_{012}^{(21)} - 3m_{010}^{(21)}m_{200}^{(10)}m_{111}^{(22)} + m_{010}^{(21)}m_{200}^{(10)}m_{102}^{(21)} + 2m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(20)}\\
&+m_{010}^{(21)}m_{200}^{(11)}m_{201}^{(22)} - m_{010}^{(21)}m_{200}^{(11)}m_{102}^{(20)} - m_{010}^{(21)}m_{200}^{(20)}m_{120}^{(22)} + 3m_{010}^{(21)}m_{200}^{(20)}m_{111}^{(21)}\\
&-2m_{010}^{(21)}m_{200}^{(20)}m_{021}^{(20)} + m_{010}^{(21)}m_{200}^{(21)}m_{210}^{(22)} - m_{010}^{(21)}m_{200}^{(21)}m_{201}^{(21)} - m_{010}^{(21)}m_{200}^{(22)}m_{210}^{(21)}\\
&+m_{010}^{(21)}m_{200}^{(22)}m_{120}^{(20)} - m_{010}^{(21)}m_{110}^{(00)}m_{111}^{(22)} + m_{010}^{(21)}m_{110}^{(00)}m_{102}^{(21)} + m_{010}^{(21)}m_{110}^{(10)}m_{201}^{(22)}\\
&-m_{010}^{(21)}m_{110}^{(10)}m_{102}^{(20)} + m_{010}^{(21)}m_{110}^{(20)}m_{210}^{(22)} - 2m_{010}^{(21)}m_{110}^{(20)}m_{201}^{(21)} + m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(20)}\\
&-m_{010}^{(21)}m_{110}^{(21)}m_{300}^{(22)} + m_{010}^{(21)}m_{110}^{(21)}m_{201}^{(20)} + m_{010}^{(21)}m_{110}^{(22)}m_{300}^{(20)} - m_{010}^{(21)}m_{110}^{(22)}m_{210}^{(20)}\\
&-m_{010}^{(21)}m_{101}^{(00)}m_{120}^{(22)} + m_{010}^{(21)}m_{101}^{(00)}m_{111}^{(21)} - 2m_{010}^{(21)}m_{101}^{(00)}m_{021}^{(20)} + 2m_{010}^{(21)}m_{101}^{(00)}m_{012}^{(10)}\\
&+2m_{010}^{(21)}m_{101}^{(10)}m_{210}^{(22)} - m_{010}^{(21)}m_{101}^{(10)}m_{201}^{(21)} + 2m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(20)} - m_{010}^{(21)}m_{101}^{(10)}m_{102}^{(10)}\\
&-2m_{010}^{(21)}m_{101}^{(10)}m_{012}^{(00)} - m_{010}^{(21)}m_{101}^{(11)}m_{300}^{(22)} + m_{010}^{(21)}m_{101}^{(11)}m_{102}^{(00)} - m_{010}^{(21)}m_{101}^{(20)}m_{210}^{(21)}\\
&+2m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(20)} - 3m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(10)} + 2m_{010}^{(21)}m_{101}^{(20)}m_{021}^{(00)} + m_{010}^{(21)}m_{101}^{(21)}m_{300}^{(21)}\\
&-2m_{010}^{(21)}m_{101}^{(21)}m_{210}^{(20)} + m_{010}^{(21)}m_{101}^{(21)}m_{201}^{(10)} + m_{010}^{(21)}m_{101}^{(22)}m_{210}^{(10)} - m_{010}^{(21)}m_{101}^{(22)}m_{120}^{(00)}\\
&+m_{010}^{(21)}m_{011}^{(00)}m_{111}^{(20)} - m_{010}^{(21)}m_{011}^{(00)}m_{102}^{(10)} - m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(20)} + m_{010}^{(21)}m_{011}^{(10)}m_{102}^{(00)}\\
&-m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(20)} + 2m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(10)} - m_{010}^{(21)}m_{011}^{(20)}m_{111}^{(00)} + m_{010}^{(21)}m_{011}^{(21)}m_{300}^{(20)}\\
&-m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(00)} - m_{010}^{(21)}m_{011}^{(22)}m_{300}^{(10)} + m_{010}^{(21)}m_{011}^{(22)}m_{210}^{(00)} + m_{010}^{(21)}m_{002}^{(00)}m_{120}^{(20)}\\
&-m_{010}^{(21)}m_{002}^{(00)}m_{111}^{(10)} - 2m_{010}^{(21)}m_{002}^{(10)}m_{210}^{(20)} + m_{010}^{(21)}m_{002}^{(10)}m_{201}^{(10)} + m_{010}^{(21)}m_{002}^{(10)}m_{111}^{(00)}\\
&+m_{010}^{(21)}m_{002}^{(11)}m_{300}^{(20)} - m_{010}^{(21)}m_{002}^{(11)}m_{201}^{(00)} + m_{010}^{(21)}m_{002}^{(20)}m_{210}^{(10)} - m_{010}^{(21)}m_{002}^{(20)}m_{120}^{(00)}
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\begin{aligned}
&-m_{010}^{(21)}m_{002}^{(21)}m_{300}^{(10)}+m_{010}^{(21)}m_{002}^{(21)}m_{210}^{(00)}-m_{010}^{(22)}m_{200}^{(00)}m_{030}^{(22)}+m_{010}^{(22)}m_{200}^{(00)}m_{021}^{(21)}\\
&+2m_{010}^{(22)}m_{200}^{(10)}m_{120}^{(22)}-m_{010}^{(22)}m_{200}^{(10)}m_{111}^{(21)}-m_{010}^{(22)}m_{200}^{(10)}m_{021}^{(20)}-m_{010}^{(22)}m_{200}^{(11)}m_{210}^{(22)}\\
&+m_{010}^{(22)}m_{200}^{(11)}m_{111}^{(20)}-m_{010}^{(22)}m_{200}^{(20)}m_{120}^{(21)}+m_{010}^{(22)}m_{200}^{(20)}m_{030}^{(20)}+m_{010}^{(22)}m_{200}^{(21)}m_{210}^{(21)}\\
&-m_{010}^{(22)}m_{200}^{(21)}m_{120}^{(20)}+m_{010}^{(22)}m_{110}^{(00)}m_{120}^{(22)}-m_{010}^{(22)}m_{110}^{(00)}m_{111}^{(21)}-2m_{010}^{(22)}m_{110}^{(10)}m_{210}^{(22)}\\
&+m_{010}^{(22)}m_{110}^{(10)}m_{201}^{(21)}+m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(20)}+m_{010}^{(22)}m_{110}^{(11)}m_{300}^{(22)}-m_{010}^{(22)}m_{110}^{(11)}m_{201}^{(20)}\\
&+m_{010}^{(22)}m_{110}^{(20)}m_{210}^{(21)}-m_{010}^{(22)}m_{110}^{(20)}m_{120}^{(20)}-m_{010}^{(22)}m_{110}^{(21)}m_{300}^{(21)}+m_{010}^{(22)}m_{110}^{(21)}m_{210}^{(20)}\\
&+m_{010}^{(22)}m_{101}^{(00)}m_{030}^{(20)}-m_{010}^{(22)}m_{101}^{(00)}m_{021}^{(10)}-2m_{010}^{(22)}m_{101}^{(10)}m_{120}^{(20)}+m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(10)}\\
&+m_{010}^{(22)}m_{101}^{(10)}m_{021}^{(00)}+m_{010}^{(22)}m_{101}^{(11)}m_{210}^{(20)}-m_{010}^{(22)}m_{101}^{(11)}m_{111}^{(00)}+m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(10)}\\
&-m_{010}^{(22)}m_{101}^{(20)}m_{030}^{(00)}-m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(10)}+m_{010}^{(22)}m_{101}^{(21)}m_{120}^{(00)}-m_{010}^{(22)}m_{011}^{(00)}m_{120}^{(20)}\\
&+m_{010}^{(22)}m_{011}^{(00)}m_{111}^{(10)}+2m_{010}^{(22)}m_{011}^{(10)}m_{210}^{(20)}-m_{010}^{(22)}m_{011}^{(10)}m_{201}^{(10)}-m_{010}^{(22)}m_{011}^{(10)}m_{111}^{(00)}\\
&-m_{010}^{(22)}m_{011}^{(11)}m_{300}^{(20)}+m_{010}^{(22)}m_{011}^{(11)}m_{201}^{(00)}-m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(10)}+m_{010}^{(22)}m_{011}^{(20)}m_{120}^{(00)}\\
&+m_{010}^{(22)}m_{011}^{(21)}m_{300}^{(10)}-m_{010}^{(22)}m_{011}^{(21)}m_{210}^{(00)}+m_{001}^{(00)}m_{110}^{(10)}m_{012}^{(21)}-m_{001}^{(00)}m_{110}^{(10)}m_{003}^{(11)}\\
&-m_{001}^{(00)}m_{110}^{(11)}m_{102}^{(21)}+m_{001}^{(00)}m_{110}^{(11)}m_{003}^{(10)}-m_{001}^{(00)}m_{110}^{(20)}m_{021}^{(21)}+m_{001}^{(00)}m_{110}^{(20)}m_{012}^{(11)}\\
&+m_{001}^{(00)}m_{110}^{(21)}m_{111}^{(21)}+m_{001}^{(00)}m_{110}^{(21)}m_{102}^{(11)}-2m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(10)}-m_{001}^{(00)}m_{110}^{(22)}m_{111}^{(11)}\\
&+m_{001}^{(00)}m_{110}^{(22)}m_{021}^{(10)}-m_{001}^{(00)}m_{101}^{(10)}m_{021}^{(21)}+m_{001}^{(00)}m_{101}^{(10)}m_{012}^{(11)}+m_{001}^{(00)}m_{101}^{(11)}m_{111}^{(21)}\\
&-m_{001}^{(00)}m_{101}^{(11)}m_{012}^{(10)}+m_{001}^{(00)}m_{101}^{(20)}m_{030}^{(21)}-m_{001}^{(00)}m_{101}^{(20)}m_{021}^{(11)}-m_{001}^{(00)}m_{101}^{(21)}m_{120}^{(21)}\\
&-m_{001}^{(00)}m_{101}^{(21)}m_{111}^{(11)}+2m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(10)}+m_{001}^{(00)}m_{101}^{(22)}m_{120}^{(11)}-m_{001}^{(00)}m_{101}^{(22)}m_{030}^{(10)}\\
&-m_{001}^{(00)}m_{020}^{(10)}m_{012}^{(20)}+m_{001}^{(00)}m_{020}^{(10)}m_{003}^{(10)}+m_{001}^{(00)}m_{020}^{(11)}m_{102}^{(20)}-m_{001}^{(00)}m_{020}^{(11)}m_{003}^{(00)}\\
&+m_{001}^{(00)}m_{020}^{(20)}m_{021}^{(20)}-m_{001}^{(00)}m_{020}^{(20)}m_{012}^{(10)}-m_{001}^{(00)}m_{020}^{(21)}m_{111}^{(20)}-m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(10)}\\
&+2m_{001}^{(00)}m_{020}^{(21)}m_{012}^{(00)}+m_{001}^{(00)}m_{020}^{(22)}m_{111}^{(10)}-m_{001}^{(00)}m_{020}^{(22)}m_{021}^{(00)}+m_{001}^{(00)}m_{011}^{(10)}m_{021}^{(20)}\\
&-m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(10)}-m_{001}^{(00)}m_{011}^{(11)}m_{111}^{(20)}+m_{001}^{(00)}m_{011}^{(11)}m_{012}^{(00)}-m_{001}^{(00)}m_{011}^{(20)}m_{030}^{(20)}\\
&+m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(10)}+m_{001}^{(00)}m_{011}^{(21)}m_{120}^{(20)}+m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(10)}-2m_{001}^{(00)}m_{011}^{(21)}m_{021}^{(00)}\\
&-m_{001}^{(00)}m_{011}^{(22)}m_{120}^{(10)}+m_{001}^{(00)}m_{011}^{(22)}m_{030}^{(00)}-m_{001}^{(10)}m_{200}^{(10)}m_{012}^{(21)}+m_{001}^{(10)}m_{200}^{(10)}m_{003}^{(11)}\\
&+m_{001}^{(10)}m_{200}^{(11)}m_{102}^{(21)}-m_{001}^{(10)}m_{200}^{(11)}m_{003}^{(10)}+m_{001}^{(10)}m_{200}^{(20)}m_{021}^{(21)}-m_{001}^{(10)}m_{200}^{(20)}m_{012}^{(11)}\\
&-m_{001}^{(10)}m_{200}^{(21)}m_{111}^{(21)}-m_{001}^{(10)}m_{200}^{(21)}m_{102}^{(11)}+2m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(10)}+m_{001}^{(10)}m_{200}^{(22)}m_{111}^{(11)}\\
&-m_{001}^{(10)}m_{200}^{(22)}m_{021}^{(10)}-m_{001}^{(10)}m_{110}^{(00)}m_{012}^{(21)}+m_{001}^{(10)}m_{110}^{(00)}m_{003}^{(11)}+m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(21)}\\
&+m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(20)}-2m_{001}^{(10)}m_{110}^{(10)}m_{003}^{(10)}-m_{001}^{(10)}m_{110}^{(11)}m_{102}^{(20)}+m_{001}^{(10)}m_{110}^{(11)}m_{003}^{(00)}\\
&+m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(21)}-2m_{001}^{(10)}m_{110}^{(20)}m_{102}^{(11)}-m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(20)}+2m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(10)}\\
&-m_{001}^{(10)}m_{110}^{(21)}m_{201}^{(21)}+m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(20)}+2m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(10)}-2m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(00)}\\
&+m_{001}^{(10)}m_{110}^{(22)}m_{201}^{(11)}-2m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(10)}+m_{001}^{(10)}m_{110}^{(22)}m_{021}^{(00)}+m_{001}^{(10)}m_{101}^{(00)}m_{021}^{(21)}\\
&-m_{001}^{(10)}m_{101}^{(00)}m_{012}^{(11)}-m_{001}^{(10)}m_{101}^{(10)}m_{102}^{(11)}+m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(10)}-m_{001}^{(10)}m_{101}^{(11)}m_{101}^{(21)}\\
&+m_{001}^{(10)}m_{101}^{(11)}m_{102}^{(10)}-2m_{001}^{(10)}m_{101}^{(20)}m_{120}^{(21)}+3m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(11)}-m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(10)}\\
&+2m_{001}^{(10)}m_{101}^{(21)}m_{210}^{(21)}+m_{001}^{(10)}m_{101}^{(21)}m_{201}^{(11)}-3m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(10)}-2m_{001}^{(10)}m_{101}^{(22)}m_{210}^{(11)}\\
&+2m_{001}^{(10)}m_{101}^{(22)}m_{120}^{(10)}+m_{001}^{(10)}m_{020}^{(00)}m_{012}^{(20)}-m_{001}^{(10)}m_{020}^{(00)}m_{003}^{(10)}-m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(20)}\\
&+m_{001}^{(10)}m_{020}^{(10)}m_{003}^{(00)}-m_{001}^{(10)}m_{020}^{(20)}m_{111}^{(20)}+2m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(10)}-m_{001}^{(10)}m_{020}^{(20)}m_{012}^{(00)}\\
&+m_{001}^{(10)}m_{020}^{(21)}m_{201}^{(20)}-m_{001}^{(10)}m_{020}^{(21)}m_{102}^{(00)}-m_{001}^{(10)}m_{020}^{(22)}m_{201}^{(10)}+m_{001}^{(10)}m_{020}^{(22)}m_{111}^{(00)}\\
&-m_{001}^{(10)}m_{011}^{(00)}m_{021}^{(20)}+m_{001}^{(10)}m_{011}^{(00)}m_{012}^{(10)}+m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(10)}-m_{001}^{(10)}m_{011}^{(10)}m_{012}^{(00)}\\
&+m_{001}^{(10)}m_{011}^{(11)}m_{201}^{(20)}-m_{001}^{(10)}m_{011}^{(11)}m_{102}^{(00)}+2m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(20)}-3m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(10)}
\end{aligned}
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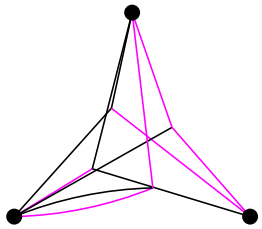
$$+m_{001}^{(10)}m_{011}^{(20)}m_{021}^{(00)}-2m_{001}^{(10)}m_{011}^{(21)}m_{210}^{(20)}-m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(10)}+3m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(00)}$$
$$+2m_{001}^{(10)}m_{011}^{(22)}m_{210}^{(10)}-2m_{001}^{(10)}m_{011}^{(22)}m_{120}^{(00)}+m_{001}^{(11)}m_{200}^{(00)}m_{012}^{(21)}-m_{001}^{(11)}m_{200}^{(00)}m_{003}^{(11)}$$
$$-m_{001}^{(11)}m_{200}^{(10)}m_{102}^{(21)}+m_{001}^{(11)}m_{200}^{(10)}m_{003}^{(10)}-m_{001}^{(11)}m_{200}^{(20)}m_{111}^{(21)}+2m_{001}^{(11)}m_{200}^{(20)}m_{102}^{(11)}$$
$$-m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(10)}+m_{001}^{(11)}m_{200}^{(21)}m_{201}^{(21)}-m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(10)}-m_{001}^{(11)}m_{200}^{(22)}m_{201}^{(11)}$$
$$+m_{001}^{(11)}m_{200}^{(22)}m_{111}^{(10)}-m_{001}^{(11)}m_{110}^{(00)}m_{012}^{(20)}+m_{001}^{(11)}m_{110}^{(00)}m_{003}^{(10)}+m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(20)}$$
$$-m_{001}^{(11)}m_{110}^{(10)}m_{003}^{(00)}+m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(20)}-2m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(10)}+m_{001}^{(11)}m_{110}^{(20)}m_{012}^{(00)}$$
$$-m_{001}^{(11)}m_{110}^{(21)}m_{201}^{(20)}+m_{001}^{(11)}m_{110}^{(21)}m_{102}^{(00)}+m_{001}^{(11)}m_{110}^{(22)}m_{201}^{(10)}-m_{001}^{(11)}m_{110}^{(22)}m_{111}^{(00)}$$
$$-m_{001}^{(11)}m_{101}^{(00)}m_{111}^{(21)}+m_{001}^{(11)}m_{101}^{(00)}m_{102}^{(11)}+m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(21)}-m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(10)}$$
$$+m_{001}^{(11)}m_{101}^{(20)}m_{210}^{(21)}-2m_{001}^{(11)}m_{101}^{(20)}m_{201}^{(11)}+m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(10)}-m_{001}^{(11)}m_{101}^{(21)}m_{300}^{(21)}$$
$$+m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(10)}+m_{001}^{(11)}m_{101}^{(22)}m_{300}^{(11)}-m_{001}^{(11)}m_{101}^{(22)}m_{210}^{(10)}+m_{001}^{(11)}m_{011}^{(00)}m_{111}^{(20)}$$
$$-m_{001}^{(11)}m_{011}^{(00)}m_{102}^{(10)}-m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(20)}+m_{001}^{(11)}m_{011}^{(10)}m_{102}^{(00)}-m_{001}^{(11)}m_{011}^{(20)}m_{210}^{(20)}$$
$$+2m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(10)}-m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(00)}+m_{001}^{(11)}m_{011}^{(21)}m_{300}^{(20)}-m_{001}^{(11)}m_{011}^{(21)}m_{201}^{(00)}$$
$$-m_{001}^{(11)}m_{011}^{(22)}m_{300}^{(10)}+m_{001}^{(11)}m_{011}^{(22)}m_{210}^{(00)}+m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(21)}-m_{001}^{(20)}m_{200}^{(10)}m_{012}^{(11)}$$
$$-m_{001}^{(20)}m_{200}^{(11)}m_{111}^{(21)}+m_{001}^{(20)}m_{200}^{(11)}m_{012}^{(10)}-m_{001}^{(20)}m_{200}^{(20)}m_{030}^{(21)}+m_{001}^{(20)}m_{200}^{(20)}m_{021}^{(11)}$$
$$+m_{001}^{(20)}m_{200}^{(21)}m_{120}^{(21)}+m_{001}^{(20)}m_{200}^{(21)}m_{111}^{(11)}-2m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(10)}-m_{001}^{(20)}m_{200}^{(22)}m_{120}^{(11)}$$
$$+m_{001}^{(20)}m_{200}^{(22)}m_{030}^{(10)}+m_{001}^{(20)}m_{110}^{(00)}m_{021}^{(21)}-m_{001}^{(20)}m_{110}^{(00)}m_{012}^{(11)}-3m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(21)}$$
$$+2m_{001}^{(20)}m_{110}^{(10)}m_{102}^{(11)}-m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(20)}+2m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(10)}+2m_{001}^{(20)}m_{110}^{(11)}m_{201}^{(21)}$$
$$+m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(20)}-2m_{001}^{(20)}m_{110}^{(11)}m_{102}^{(10)}-m_{001}^{(20)}m_{110}^{(11)}m_{012}^{(00)}+m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(21)}$$
$$+m_{001}^{(20)}m_{110}^{(20)}m_{030}^{(20)}-2m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(10)}-m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(21)}-2m_{001}^{(20)}m_{110}^{(21)}m_{201}^{(11)}$$
$$-m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(20)}+2m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(10)}+2m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(00)}+m_{001}^{(20)}m_{110}^{(22)}m_{210}^{(11)}$$
$$-m_{001}^{(20)}m_{110}^{(22)}m_{030}^{(00)}-m_{001}^{(20)}m_{101}^{(00)}m_{030}^{(21)}+m_{001}^{(20)}m_{101}^{(00)}m_{021}^{(11)}+2m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(21)}$$
$$-m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(11)}-m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(10)}-m_{001}^{(20)}m_{101}^{(11)}m_{210}^{(21)}+m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(10)}$$
$$-m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(11)}+m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(10)}+m_{001}^{(20)}m_{101}^{(21)}m_{210}^{(11)}-m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(10)}$$
$$-m_{001}^{(20)}m_{020}^{(00)}m_{021}^{(20)}+m_{001}^{(20)}m_{020}^{(00)}m_{012}^{(10)}+3m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(20)}-2m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(10)}$$
$$-m_{001}^{(20)}m_{020}^{(10)}m_{012}^{(00)}-2m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(20)}+2m_{001}^{(20)}m_{020}^{(11)}m_{102}^{(00)}-m_{001}^{(20)}m_{020}^{(20)}m_{120}^{(20)}$$
$$+m_{001}^{(20)}m_{020}^{(20)}m_{021}^{(00)}+m_{001}^{(20)}m_{020}^{(21)}m_{210}^{(20)}+2m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(10)}-3m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(00)}$$
$$-m_{001}^{(20)}m_{020}^{(22)}m_{210}^{(10)}+m_{001}^{(20)}m_{020}^{(22)}m_{120}^{(00)}+m_{001}^{(20)}m_{011}^{(00)}m_{030}^{(20)}-m_{001}^{(20)}m_{011}^{(00)}m_{021}^{(10)}$$
$$-2m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(20)}+m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(10)}+m_{001}^{(20)}m_{011}^{(10)}m_{021}^{(00)}+m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(20)}$$
$$-m_{001}^{(20)}m_{011}^{(11)}m_{111}^{(00)}+m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(10)}-m_{001}^{(20)}m_{011}^{(20)}m_{030}^{(00)}-m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(10)}$$
$$+m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(00)}-2m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(21)}+2m_{001}^{(21)}m_{200}^{(00)}m_{012}^{(11)}+3m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(21)}$$
$$-m_{001}^{(21)}m_{200}^{(10)}m_{102}^{(11)}-2m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(10)}-m_{001}^{(21)}m_{200}^{(11)}m_{201}^{(21)}+m_{001}^{(21)}m_{200}^{(11)}m_{102}^{(10)}$$
$$+m_{001}^{(21)}m_{200}^{(20)}m_{120}^{(21)}-3m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(11)}+2m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(10)}-m_{001}^{(21)}m_{200}^{(21)}m_{210}^{(21)}$$
$$+m_{001}^{(21)}m_{200}^{(21)}m_{201}^{(11)}+m_{001}^{(21)}m_{200}^{(22)}m_{210}^{(11)}-m_{001}^{(21)}m_{200}^{(22)}m_{120}^{(10)}+m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(21)}$$
$$-m_{001}^{(21)}m_{110}^{(00)}m_{102}^{(11)}+2m_{001}^{(21)}m_{110}^{(00)}m_{021}^{(20)}-2m_{001}^{(21)}m_{110}^{(00)}m_{012}^{(10)}-m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(21)}$$
$$-3m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(20)}+2m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(10)}+2m_{001}^{(21)}m_{110}^{(10)}m_{012}^{(00)}+m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(20)}$$
$$-m_{001}^{(21)}m_{110}^{(11)}m_{102}^{(00)}-m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(21)}+2m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(11)}-m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(20)}$$
$$+2m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(10)}-2m_{001}^{(21)}m_{110}^{(20)}m_{021}^{(00)}+m_{001}^{(21)}m_{110}^{(21)}m_{300}^{(21)}+m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(20)}$$
$$-2m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(10)}-m_{001}^{(21)}m_{110}^{(22)}m_{300}^{(11)}+m_{001}^{(21)}m_{110}^{(22)}m_{120}^{(00)}+m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(21)}$$

$$
\begin{aligned}
&-m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(11)} - 2m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(21)} + m_{001}^{(21)}m_{101}^{(10)}m_{201}^{(11)} + m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(10)}\\
&+m_{001}^{(21)}m_{101}^{(11)}m_{300}^{(21)} - m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(10)} + m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(11)} - m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(10)}\\
&-m_{001}^{(21)}m_{101}^{(21)}m_{300}^{(11)} + m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(10)} - m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(20)} + m_{001}^{(21)}m_{020}^{(00)}m_{102}^{(10)}\\
&+m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(20)} - m_{001}^{(21)}m_{020}^{(10)}m_{102}^{(00)} + m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(20)} - 2m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(10)}\\
&+m_{001}^{(21)}m_{020}^{(20)}m_{111}^{(00)} - m_{001}^{(21)}m_{020}^{(21)}m_{300}^{(20)} + m_{001}^{(21)}m_{020}^{(21)}m_{201}^{(00)} + m_{001}^{(21)}m_{020}^{(22)}m_{300}^{(10)}\\
&-m_{001}^{(21)}m_{020}^{(22)}m_{210}^{(00)} - m_{001}^{(21)}m_{011}^{(00)}m_{120}^{(20)} + m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(10)} + 2m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(20)}\\
&-m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(10)} - m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(00)} - m_{001}^{(21)}m_{011}^{(11)}m_{300}^{(20)} + m_{001}^{(21)}m_{011}^{(11)}m_{201}^{(00)}\\
&-m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(10)} + m_{001}^{(21)}m_{011}^{(20)}m_{120}^{(00)} + m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(10)} - m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(00)}\\
&+m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(21)} - m_{001}^{(22)}m_{200}^{(00)}m_{021}^{(11)} - 2m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(21)} + m_{001}^{(22)}m_{200}^{(10)}m_{111}^{(11)}\\
&+m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(10)} + m_{001}^{(22)}m_{200}^{(11)}m_{210}^{(21)} - m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(10)} + m_{001}^{(22)}m_{200}^{(20)}m_{120}^{(11)}\\
&-m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(10)} - m_{001}^{(22)}m_{200}^{(21)}m_{210}^{(11)} + m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(10)} - m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(21)}\\
&+m_{001}^{(22)}m_{110}^{(00)}m_{111}^{(11)} - m_{001}^{(22)}m_{110}^{(00)}m_{030}^{(20)} + m_{001}^{(22)}m_{110}^{(00)}m_{021}^{(10)} + 2m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(21)}\\
&-m_{001}^{(22)}m_{110}^{(10)}m_{201}^{(11)} + 2m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(20)} - 2m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(10)} - m_{001}^{(22)}m_{110}^{(10)}m_{021}^{(00)}\\
&-m_{001}^{(22)}m_{110}^{(11)}m_{300}^{(21)} - m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(20)} + m_{001}^{(22)}m_{110}^{(11)}m_{201}^{(10)} + m_{001}^{(22)}m_{110}^{(11)}m_{111}^{(00)}\\
&-m_{001}^{(22)}m_{110}^{(20)}m_{210}^{(11)} + m_{001}^{(22)}m_{110}^{(20)}m_{030}^{(00)} + m_{001}^{(22)}m_{110}^{(21)}m_{300}^{(11)} - m_{001}^{(22)}m_{110}^{(21)}m_{120}^{(00)}\\
&+m_{001}^{(22)}m_{020}^{(00)}m_{120}^{(20)} - m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(10)} - 2m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(20)} + m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(10)}\\
&+m_{001}^{(22)}m_{020}^{(10)}m_{111}^{(00)} + m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(20)} - m_{001}^{(22)}m_{020}^{(11)}m_{201}^{(00)} + m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(10)}\\
&-m_{001}^{(22)}m_{020}^{(20)}m_{120}^{(00)} - m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(10)} + m_{001}^{(22)}m_{020}^{(21)}m_{210}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & 1 & 1 & V1\\
1 & V2 & 2 & 2\\
V2 & V3 & V3 & 3
\end{array}
$$



$$
\begin{aligned}
T_{76} \;=\;& m_{100}^{(00)}m_{020}^{(20)}m_{021}^{(22)} - 2m_{100}^{(00)}m_{020}^{(20)}m_{012}^{(21)} + m_{100}^{(00)}m_{020}^{(20)}m_{003}^{(11)} - m_{100}^{(00)}m_{020}^{(21)}m_{111}^{(22)}\\
&+m_{100}^{(00)}m_{020}^{(21)}m_{102}^{(21)} + m_{100}^{(00)}m_{020}^{(21)}m_{012}^{(20)} - m_{100}^{(00)}m_{020}^{(21)}m_{003}^{(10)} + m_{100}^{(00)}m_{020}^{(22)}m_{111}^{(21)}\\
&-m_{100}^{(00)}m_{020}^{(22)}m_{102}^{(11)} - m_{100}^{(00)}m_{020}^{(22)}m_{021}^{(20)} + m_{100}^{(00)}m_{020}^{(22)}m_{012}^{(10)} - m_{100}^{(00)}m_{011}^{(10)}m_{021}^{(22)}\\
&+2m_{100}^{(00)}m_{011}^{(10)}m_{012}^{(21)} - m_{100}^{(00)}m_{011}^{(10)}m_{003}^{(11)} + m_{100}^{(00)}m_{011}^{(11)}m_{111}^{(22)} - m_{100}^{(00)}m_{011}^{(11)}m_{102}^{(21)}\\
&-m_{100}^{(00)}m_{011}^{(11)}m_{012}^{(20)} + m_{100}^{(00)}m_{011}^{(11)}m_{003}^{(10)} - m_{100}^{(00)}m_{011}^{(20)}m_{030}^{(22)} + 2m_{100}^{(00)}m_{011}^{(20)}m_{021}^{(21)}
\end{aligned}
$$

$$
\begin{aligned}
&-m_{100}^{(00)}m_{011}^{(20)}m_{012}^{(11)}+m_{100}^{(00)}m_{011}^{(21)}m_{120}^{(22)}-2m_{100}^{(00)}m_{011}^{(21)}m_{111}^{(21)}+m_{100}^{(00)}m_{011}^{(21)}m_{102}^{(11)}\\
&-m_{100}^{(00)}m_{011}^{(22)}m_{120}^{(21)}+m_{100}^{(00)}m_{011}^{(22)}m_{111}^{(11)}+m_{100}^{(00)}m_{011}^{(22)}m_{030}^{(20)}-m_{100}^{(00)}m_{011}^{(22)}m_{021}^{(10)}\\
&+m_{100}^{(00)}m_{002}^{(10)}m_{030}^{(22)}-2m_{100}^{(00)}m_{002}^{(10)}m_{021}^{(21)}+m_{100}^{(00)}m_{002}^{(10)}m_{012}^{(11)}-m_{100}^{(00)}m_{002}^{(11)}m_{120}^{(22)}\\
&+m_{100}^{(00)}m_{002}^{(11)}m_{111}^{(21)}+m_{100}^{(00)}m_{002}^{(11)}m_{021}^{(20)}-m_{100}^{(00)}m_{002}^{(11)}m_{012}^{(10)}+m_{100}^{(00)}m_{002}^{(21)}m_{120}^{(21)}\\
&-m_{100}^{(00)}m_{002}^{(21)}m_{111}^{(11)}-m_{100}^{(00)}m_{002}^{(21)}m_{030}^{(20)}+m_{100}^{(00)}m_{002}^{(21)}m_{021}^{(10)}-m_{100}^{(10)}m_{110}^{(20)}m_{021}^{(22)}\\
&+2m_{100}^{(10)}m_{110}^{(20)}m_{012}^{(21)}-m_{100}^{(10)}m_{110}^{(20)}m_{003}^{(11)}+m_{100}^{(10)}m_{110}^{(21)}m_{111}^{(22)}-m_{100}^{(10)}m_{110}^{(21)}m_{102}^{(21)}\\
&-m_{100}^{(10)}m_{110}^{(21)}m_{012}^{(20)}+m_{100}^{(10)}m_{110}^{(21)}m_{003}^{(10)}-m_{100}^{(10)}m_{110}^{(22)}m_{111}^{(21)}+m_{100}^{(10)}m_{110}^{(22)}m_{102}^{(11)}\\
&+m_{100}^{(10)}m_{110}^{(22)}m_{021}^{(20)}-m_{100}^{(10)}m_{110}^{(22)}m_{012}^{(10)}+m_{100}^{(10)}m_{101}^{(20)}m_{030}^{(22)}-2m_{100}^{(10)}m_{101}^{(20)}m_{021}^{(21)}\\
&+m_{100}^{(10)}m_{101}^{(20)}m_{012}^{(11)}-m_{100}^{(10)}m_{101}^{(21)}m_{120}^{(22)}+m_{100}^{(10)}m_{101}^{(21)}m_{111}^{(21)}+m_{100}^{(10)}m_{101}^{(21)}m_{021}^{(20)}\\
&-m_{100}^{(10)}m_{101}^{(21)}m_{012}^{(10)}+m_{100}^{(10)}m_{101}^{(22)}m_{120}^{(21)}-m_{100}^{(10)}m_{101}^{(22)}m_{111}^{(11)}-m_{100}^{(10)}m_{101}^{(22)}m_{030}^{(20)}\\
&+m_{100}^{(10)}m_{101}^{(22)}m_{021}^{(10)}-m_{100}^{(10)}m_{020}^{(20)}m_{111}^{(22)}+m_{100}^{(10)}m_{020}^{(20)}m_{102}^{(21)}+m_{100}^{(10)}m_{020}^{(20)}m_{012}^{(20)}\\
&-m_{100}^{(10)}m_{020}^{(20)}m_{003}^{(10)}+m_{100}^{(10)}m_{020}^{(21)}m_{201}^{(22)}-2m_{100}^{(10)}m_{020}^{(21)}m_{102}^{(20)}+m_{100}^{(10)}m_{020}^{(21)}m_{003}^{(00)}\\
&-m_{100}^{(10)}m_{020}^{(22)}m_{201}^{(21)}+m_{100}^{(10)}m_{020}^{(22)}m_{111}^{(20)}+m_{100}^{(10)}m_{020}^{(22)}m_{102}^{(10)}-m_{100}^{(10)}m_{020}^{(22)}m_{012}^{(00)}\\
&+m_{100}^{(10)}m_{011}^{(00)}m_{021}^{(22)}-2m_{100}^{(10)}m_{011}^{(00)}m_{012}^{(21)}+m_{100}^{(10)}m_{011}^{(00)}m_{003}^{(11)}-m_{100}^{(10)}m_{011}^{(11)}m_{201}^{(22)}\\
&+2m_{100}^{(10)}m_{011}^{(11)}m_{102}^{(20)}-m_{100}^{(10)}m_{011}^{(11)}m_{003}^{(00)}+m_{100}^{(10)}m_{011}^{(20)}m_{120}^{(22)}-m_{100}^{(10)}m_{011}^{(20)}m_{102}^{(11)}\\
&-2m_{100}^{(10)}m_{011}^{(20)}m_{021}^{(20)}+2m_{100}^{(10)}m_{011}^{(20)}m_{012}^{(10)}-m_{100}^{(10)}m_{011}^{(21)}m_{210}^{(22)}+m_{100}^{(10)}m_{011}^{(21)}m_{201}^{(21)}\\
&+m_{100}^{(10)}m_{011}^{(21)}m_{111}^{(20)}-m_{100}^{(10)}m_{011}^{(21)}m_{102}^{(10)}+m_{100}^{(10)}m_{011}^{(22)}m_{210}^{(21)}-m_{100}^{(10)}m_{011}^{(22)}m_{120}^{(20)}\\
&-m_{100}^{(10)}m_{011}^{(22)}m_{111}^{(10)}+m_{100}^{(10)}m_{011}^{(22)}m_{021}^{(00)}-m_{100}^{(10)}m_{002}^{(00)}m_{030}^{(22)}+2m_{100}^{(10)}m_{002}^{(00)}m_{021}^{(21)}\\
&-m_{100}^{(10)}m_{002}^{(00)}m_{012}^{(11)}+m_{100}^{(10)}m_{002}^{(11)}m_{210}^{(22)}-2m_{100}^{(10)}m_{002}^{(11)}m_{111}^{(20)}+m_{100}^{(10)}m_{002}^{(11)}m_{012}^{(00)}\\
&-m_{100}^{(10)}m_{002}^{(20)}m_{120}^{(21)}+m_{100}^{(10)}m_{002}^{(20)}m_{111}^{(11)}+m_{100}^{(10)}m_{002}^{(20)}m_{030}^{(20)}-m_{100}^{(10)}m_{002}^{(20)}m_{021}^{(10)}\\
&-m_{100}^{(10)}m_{002}^{(21)}m_{210}^{(21)}+m_{100}^{(10)}m_{002}^{(21)}m_{120}^{(20)}+m_{100}^{(10)}m_{002}^{(21)}m_{111}^{(10)}-m_{100}^{(10)}m_{002}^{(21)}m_{021}^{(00)}\\
&+m_{100}^{(11)}m_{110}^{(20)}m_{111}^{(22)}-m_{100}^{(11)}m_{110}^{(20)}m_{102}^{(21)}-m_{100}^{(11)}m_{110}^{(20)}m_{012}^{(20)}+m_{100}^{(11)}m_{110}^{(20)}m_{003}^{(10)}\\
&-m_{100}^{(11)}m_{110}^{(21)}m_{201}^{(22)}+2m_{100}^{(11)}m_{110}^{(21)}m_{102}^{(20)}-m_{100}^{(11)}m_{110}^{(21)}m_{003}^{(00)}+m_{100}^{(11)}m_{110}^{(22)}m_{201}^{(21)}\\
&-m_{100}^{(11)}m_{110}^{(22)}m_{111}^{(20)}-m_{100}^{(11)}m_{110}^{(22)}m_{102}^{(10)}+m_{100}^{(11)}m_{110}^{(22)}m_{012}^{(00)}-m_{100}^{(11)}m_{101}^{(20)}m_{120}^{(22)}\\
&+m_{100}^{(11)}m_{101}^{(20)}m_{111}^{(21)}+m_{100}^{(11)}m_{101}^{(20)}m_{021}^{(20)}-m_{100}^{(11)}m_{101}^{(20)}m_{012}^{(10)}+m_{100}^{(11)}m_{101}^{(21)}m_{210}^{(22)}\\
&-2m_{100}^{(11)}m_{101}^{(21)}m_{111}^{(20)}+m_{100}^{(11)}m_{101}^{(21)}m_{012}^{(00)}-m_{100}^{(11)}m_{101}^{(22)}m_{210}^{(21)}+m_{100}^{(11)}m_{101}^{(22)}m_{120}^{(20)}\\
&+m_{100}^{(11)}m_{101}^{(22)}m_{111}^{(10)}-m_{100}^{(11)}m_{101}^{(22)}m_{021}^{(00)}-m_{100}^{(11)}m_{011}^{(00)}m_{111}^{(22)}+m_{100}^{(11)}m_{011}^{(00)}m_{102}^{(21)}\\
&+m_{100}^{(11)}m_{011}^{(00)}m_{012}^{(20)}-m_{100}^{(11)}m_{011}^{(00)}m_{003}^{(10)}+m_{100}^{(11)}m_{011}^{(10)}m_{201}^{(22)}-2m_{100}^{(11)}m_{011}^{(10)}m_{102}^{(20)}\\
&+m_{100}^{(11)}m_{011}^{(10)}m_{003}^{(00)}-m_{100}^{(11)}m_{011}^{(20)}m_{201}^{(21)}+m_{100}^{(11)}m_{011}^{(20)}m_{111}^{(20)}+m_{100}^{(11)}m_{011}^{(20)}m_{102}^{(10)}\\
&-m_{100}^{(11)}m_{011}^{(21)}m_{210}^{(20)}+m_{100}^{(11)}m_{011}^{(21)}m_{120}^{(20)}+m_{100}^{(11)}m_{011}^{(21)}m_{111}^{(10)}-m_{100}^{(11)}m_{011}^{(21)}m_{021}^{(00)}\\
&+m_{100}^{(11)}m_{002}^{(00)}m_{012}^{(10)}-m_{100}^{(11)}m_{002}^{(10)}m_{210}^{(22)}+2m_{100}^{(11)}m_{002}^{(10)}m_{111}^{(20)}-m_{100}^{(11)}m_{002}^{(10)}m_{012}^{(00)}\\
&+m_{100}^{(11)}m_{002}^{(20)}m_{210}^{(21)}-m_{100}^{(11)}m_{002}^{(20)}m_{120}^{(20)}-m_{100}^{(11)}m_{002}^{(20)}m_{111}^{(10)}+m_{100}^{(11)}m_{002}^{(20)}m_{021}^{(00)}\\
&+m_{100}^{(20)}m_{110}^{(10)}m_{021}^{(22)}-2m_{100}^{(20)}m_{110}^{(10)}m_{012}^{(21)}+m_{100}^{(20)}m_{110}^{(10)}m_{003}^{(11)}-m_{100}^{(20)}m_{110}^{(11)}m_{111}^{(22)}\\
&+m_{100}^{(20)}m_{110}^{(11)}m_{102}^{(21)}+m_{100}^{(20)}m_{110}^{(11)}m_{012}^{(20)}-m_{100}^{(20)}m_{110}^{(11)}m_{003}^{(10)}+m_{100}^{(20)}m_{110}^{(21)}m_{111}^{(21)}\\
&-m_{100}^{(20)}m_{110}^{(21)}m_{102}^{(11)}-m_{100}^{(20)}m_{110}^{(21)}m_{021}^{(20)}+m_{100}^{(20)}m_{110}^{(21)}m_{012}^{(10)}-m_{100}^{(20)}m_{101}^{(10)}m_{030}^{(22)}\\
&+2m_{100}^{(20)}m_{101}^{(10)}m_{021}^{(21)}-m_{100}^{(20)}m_{101}^{(10)}m_{012}^{(11)}+m_{100}^{(20)}m_{101}^{(11)}m_{120}^{(22)}-m_{100}^{(20)}m_{101}^{(11)}m_{111}^{(21)}\\
&-m_{100}^{(20)}m_{101}^{(11)}m_{021}^{(20)}+m_{100}^{(20)}m_{101}^{(11)}m_{012}^{(10)}-m_{100}^{(20)}m_{101}^{(21)}m_{120}^{(21)}+m_{100}^{(20)}m_{101}^{(21)}m_{111}^{(11)}\\
&+m_{100}^{(20)}m_{101}^{(21)}m_{030}^{(20)}-m_{100}^{(20)}m_{101}^{(21)}m_{021}^{(10)}-m_{100}^{(20)}m_{020}^{(00)}m_{021}^{(22)}+2m_{100}^{(20)}m_{020}^{(00)}m_{012}^{(21)}
\end{aligned}
$$

$$
\begin{aligned}
&-m_{100}^{(20)}m_{020}^{(00)}m_{003}^{(11)}+m_{100}^{(20)}m_{020}^{(10)}m_{111}^{(22)}-m_{100}^{(20)}m_{020}^{(10)}m_{102}^{(21)}-m_{100}^{(20)}m_{020}^{(10)}m_{012}^{(20)}\\
&+m_{100}^{(20)}m_{020}^{(10)}m_{003}^{(10)}-m_{100}^{(20)}m_{020}^{(21)}m_{201}^{(21)}+m_{100}^{(20)}m_{020}^{(21)}m_{111}^{(20)}+m_{100}^{(20)}m_{020}^{(21)}m_{102}^{(10)}\\
&-m_{100}^{(20)}m_{020}^{(21)}m_{012}^{(00)}+m_{100}^{(20)}m_{020}^{(22)}m_{201}^{(11)}-2m_{100}^{(20)}m_{020}^{(22)}m_{111}^{(10)}+m_{100}^{(20)}m_{020}^{(22)}m_{021}^{(00)}\\
&+m_{100}^{(20)}m_{011}^{(00)}m_{030}^{(22)}-2m_{100}^{(20)}m_{011}^{(00)}m_{021}^{(21)}+m_{100}^{(20)}m_{011}^{(00)}m_{012}^{(11)}-m_{100}^{(20)}m_{011}^{(10)}m_{120}^{(22)}\\
&+m_{100}^{(20)}m_{011}^{(10)}m_{102}^{(11)}+2m_{100}^{(20)}m_{011}^{(10)}m_{021}^{(20)}-2m_{100}^{(20)}m_{011}^{(10)}m_{012}^{(10)}+m_{100}^{(20)}m_{011}^{(11)}m_{201}^{(21)}\\
&-m_{100}^{(20)}m_{011}^{(11)}m_{111}^{(20)}-m_{100}^{(20)}m_{011}^{(11)}m_{102}^{(10)}+m_{100}^{(20)}m_{011}^{(11)}m_{012}^{(00)}+m_{100}^{(20)}m_{011}^{(21)}m_{210}^{(21)}\\
&-m_{100}^{(20)}m_{011}^{(21)}m_{201}^{(11)}-m_{100}^{(20)}m_{011}^{(21)}m_{120}^{(20)}+m_{100}^{(20)}m_{011}^{(21)}m_{111}^{(10)}-m_{100}^{(20)}m_{011}^{(22)}m_{210}^{(11)}\\
&+2m_{100}^{(20)}m_{011}^{(22)}m_{120}^{(10)}-m_{100}^{(20)}m_{011}^{(22)}m_{030}^{(00)}+m_{100}^{(20)}m_{002}^{(10)}m_{120}^{(21)}-m_{100}^{(20)}m_{002}^{(10)}m_{111}^{(11)}\\
&-m_{100}^{(20)}m_{002}^{(10)}m_{030}^{(20)}+m_{100}^{(20)}m_{002}^{(10)}m_{021}^{(10)}-m_{100}^{(20)}m_{002}^{(11)}m_{210}^{(21)}+m_{100}^{(20)}m_{002}^{(11)}m_{120}^{(20)}\\
&+m_{100}^{(20)}m_{002}^{(11)}m_{111}^{(10)}-m_{100}^{(20)}m_{002}^{(11)}m_{021}^{(00)}+m_{100}^{(20)}m_{002}^{(21)}m_{210}^{(11)}-2m_{100}^{(20)}m_{002}^{(21)}m_{120}^{(10)}\\
&+m_{100}^{(20)}m_{002}^{(21)}m_{030}^{(00)}-m_{100}^{(21)}m_{110}^{(10)}m_{111}^{(22)}+m_{100}^{(21)}m_{110}^{(10)}m_{102}^{(21)}+m_{100}^{(21)}m_{110}^{(10)}m_{012}^{(20)}\\
&-m_{100}^{(21)}m_{110}^{(10)}m_{003}^{(10)}+m_{100}^{(21)}m_{110}^{(11)}m_{201}^{(22)}-2m_{100}^{(21)}m_{110}^{(11)}m_{102}^{(20)}+m_{100}^{(21)}m_{110}^{(11)}m_{003}^{(00)}\\
&-m_{100}^{(21)}m_{110}^{(20)}m_{111}^{(21)}+m_{100}^{(21)}m_{110}^{(20)}m_{102}^{(11)}+m_{100}^{(21)}m_{110}^{(20)}m_{021}^{(20)}-m_{100}^{(21)}m_{110}^{(20)}m_{012}^{(10)}\\
&-m_{100}^{(21)}m_{110}^{(22)}m_{201}^{(11)}+2m_{100}^{(21)}m_{110}^{(22)}m_{111}^{(10)}-m_{100}^{(21)}m_{110}^{(22)}m_{021}^{(00)}+m_{100}^{(21)}m_{101}^{(10)}m_{120}^{(22)}\\
&-m_{100}^{(21)}m_{101}^{(10)}m_{111}^{(21)}-m_{100}^{(21)}m_{101}^{(10)}m_{021}^{(20)}+m_{100}^{(21)}m_{101}^{(10)}m_{012}^{(10)}-m_{100}^{(21)}m_{101}^{(11)}m_{210}^{(22)}\\
&+2m_{100}^{(21)}m_{101}^{(11)}m_{111}^{(20)}-m_{100}^{(21)}m_{101}^{(11)}m_{012}^{(00)}+m_{100}^{(21)}m_{101}^{(20)}m_{120}^{(21)}-m_{100}^{(21)}m_{101}^{(20)}m_{111}^{(11)}\\
&-m_{100}^{(21)}m_{101}^{(20)}m_{030}^{(20)}+m_{100}^{(21)}m_{101}^{(20)}m_{021}^{(10)}+m_{100}^{(21)}m_{101}^{(22)}m_{210}^{(11)}-2m_{100}^{(21)}m_{101}^{(22)}m_{120}^{(10)}\\
&+m_{100}^{(21)}m_{101}^{(22)}m_{030}^{(00)}+m_{100}^{(21)}m_{020}^{(00)}m_{111}^{(22)}-m_{100}^{(21)}m_{020}^{(00)}m_{102}^{(21)}-m_{100}^{(21)}m_{020}^{(00)}m_{012}^{(20)}\\
&+m_{100}^{(21)}m_{020}^{(00)}m_{003}^{(10)}-m_{100}^{(21)}m_{020}^{(10)}m_{201}^{(22)}+2m_{100}^{(21)}m_{020}^{(10)}m_{102}^{(20)}-m_{100}^{(21)}m_{020}^{(10)}m_{003}^{(00)}\\
&+m_{100}^{(21)}m_{020}^{(20)}m_{201}^{(21)}-m_{100}^{(21)}m_{020}^{(20)}m_{111}^{(20)}-m_{100}^{(21)}m_{020}^{(20)}m_{102}^{(10)}+m_{100}^{(21)}m_{020}^{(20)}m_{012}^{(00)}\\
&-m_{100}^{(21)}m_{011}^{(00)}m_{120}^{(22)}+2m_{100}^{(21)}m_{011}^{(00)}m_{111}^{(21)}-m_{100}^{(21)}m_{011}^{(00)}m_{102}^{(11)}+m_{100}^{(21)}m_{011}^{(10)}m_{210}^{(22)}\\
&-m_{100}^{(21)}m_{011}^{(10)}m_{201}^{(21)}-m_{100}^{(21)}m_{011}^{(10)}m_{111}^{(20)}+m_{100}^{(21)}m_{011}^{(10)}m_{102}^{(10)}-m_{100}^{(21)}m_{011}^{(20)}m_{210}^{(21)}\\
&+m_{100}^{(21)}m_{011}^{(20)}m_{201}^{(11)}+m_{100}^{(21)}m_{011}^{(20)}m_{120}^{(20)}-m_{100}^{(21)}m_{011}^{(20)}m_{111}^{(10)}-m_{100}^{(21)}m_{002}^{(00)}m_{120}^{(21)}\\
&+m_{100}^{(21)}m_{002}^{(00)}m_{111}^{(11)}+m_{100}^{(21)}m_{002}^{(00)}m_{030}^{(20)}-m_{100}^{(21)}m_{002}^{(00)}m_{021}^{(10)}+m_{100}^{(21)}m_{002}^{(10)}m_{210}^{(21)}\\
&-m_{100}^{(21)}m_{002}^{(10)}m_{120}^{(20)}-m_{100}^{(21)}m_{002}^{(10)}m_{111}^{(10)}+m_{100}^{(21)}m_{002}^{(10)}m_{021}^{(00)}-m_{100}^{(21)}m_{002}^{(20)}m_{210}^{(11)}\\
&+2m_{100}^{(21)}m_{002}^{(20)}m_{120}^{(10)}-m_{100}^{(21)}m_{002}^{(20)}m_{030}^{(00)}+m_{100}^{(22)}m_{110}^{(10)}m_{111}^{(21)}-m_{100}^{(22)}m_{110}^{(10)}m_{102}^{(11)}\\
&-m_{100}^{(22)}m_{110}^{(10)}m_{021}^{(20)}+m_{100}^{(22)}m_{110}^{(10)}m_{012}^{(10)}-m_{100}^{(22)}m_{110}^{(11)}m_{201}^{(21)}+m_{100}^{(22)}m_{110}^{(11)}m_{111}^{(20)}\\
&+m_{100}^{(22)}m_{110}^{(11)}m_{102}^{(10)}-m_{100}^{(22)}m_{110}^{(11)}m_{012}^{(00)}+m_{100}^{(22)}m_{110}^{(21)}m_{201}^{(11)}-2m_{100}^{(22)}m_{110}^{(21)}m_{111}^{(10)}\\
&+m_{100}^{(22)}m_{110}^{(21)}m_{021}^{(00)}-m_{100}^{(22)}m_{101}^{(10)}m_{120}^{(21)}+m_{100}^{(22)}m_{101}^{(10)}m_{111}^{(11)}+m_{100}^{(22)}m_{101}^{(10)}m_{030}^{(20)}\\
&-m_{100}^{(22)}m_{101}^{(10)}m_{021}^{(10)}+m_{100}^{(22)}m_{101}^{(11)}m_{210}^{(21)}-m_{100}^{(22)}m_{101}^{(11)}m_{120}^{(20)}-m_{100}^{(22)}m_{101}^{(11)}m_{111}^{(10)}\\
&+m_{100}^{(22)}m_{101}^{(11)}m_{021}^{(00)}-m_{100}^{(22)}m_{101}^{(21)}m_{210}^{(11)}+2m_{100}^{(22)}m_{101}^{(21)}m_{120}^{(10)}-m_{100}^{(22)}m_{101}^{(21)}m_{030}^{(00)}\\
&-m_{100}^{(22)}m_{020}^{(00)}m_{111}^{(21)}+m_{100}^{(22)}m_{020}^{(00)}m_{102}^{(11)}+m_{100}^{(22)}m_{020}^{(00)}m_{021}^{(20)}-m_{100}^{(22)}m_{020}^{(00)}m_{012}^{(10)}\\
&+m_{100}^{(22)}m_{020}^{(10)}m_{201}^{(21)}-m_{100}^{(22)}m_{020}^{(10)}m_{111}^{(20)}-m_{100}^{(22)}m_{020}^{(10)}m_{102}^{(10)}+m_{100}^{(22)}m_{020}^{(10)}m_{012}^{(00)}\\
&-m_{100}^{(22)}m_{020}^{(20)}m_{201}^{(11)}+2m_{100}^{(22)}m_{020}^{(20)}m_{111}^{(10)}-m_{100}^{(22)}m_{020}^{(20)}m_{021}^{(00)}+m_{100}^{(22)}m_{011}^{(00)}m_{120}^{(21)}\\
&-m_{100}^{(22)}m_{011}^{(00)}m_{111}^{(11)}-m_{100}^{(22)}m_{011}^{(00)}m_{030}^{(20)}+m_{100}^{(22)}m_{011}^{(00)}m_{021}^{(10)}-m_{100}^{(22)}m_{011}^{(10)}m_{210}^{(21)}\\
&+m_{100}^{(22)}m_{011}^{(10)}m_{120}^{(20)}+m_{100}^{(22)}m_{011}^{(10)}m_{111}^{(10)}-m_{100}^{(22)}m_{011}^{(10)}m_{021}^{(00)}+m_{100}^{(22)}m_{011}^{(20)}m_{210}^{(11)}\\
&-2m_{100}^{(22)}m_{011}^{(20)}m_{120}^{(10)}+m_{100}^{(22)}m_{011}^{(20)}m_{030}^{(00)}-m_{010}^{(00)}m_{110}^{(20)}m_{021}^{(22)}+2m_{010}^{(00)}m_{110}^{(20)}m_{012}^{(21)}\\
&-m_{010}^{(00)}m_{110}^{(20)}m_{003}^{(11)}+m_{010}^{(00)}m_{110}^{(21)}m_{111}^{(22)}-m_{010}^{(00)}m_{110}^{(21)}m_{102}^{(21)}-m_{010}^{(00)}m_{110}^{(21)}m_{012}^{(20)}
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\begin{aligned}
&+m_{010}^{(00)}m_{110}^{(21)}m_{003}^{(10)} - m_{010}^{(00)}m_{110}^{(22)}m_{111}^{(21)} + m_{010}^{(00)}m_{110}^{(22)}m_{102}^{(11)} + m_{010}^{(00)}m_{110}^{(22)}m_{021}^{(20)}\\
&-m_{010}^{(00)}m_{110}^{(22)}m_{012}^{(10)} + m_{010}^{(00)}m_{101}^{(10)}m_{021}^{(22)} - 2m_{010}^{(00)}m_{101}^{(10)}m_{012}^{(21)} + m_{010}^{(00)}m_{101}^{(10)}m_{003}^{(11)}\\
&-m_{010}^{(00)}m_{101}^{(11)}m_{111}^{(22)} + m_{010}^{(00)}m_{101}^{(11)}m_{102}^{(21)} + m_{010}^{(00)}m_{101}^{(11)}m_{012}^{(20)} - m_{010}^{(00)}m_{101}^{(11)}m_{003}^{(10)}\\
&+m_{010}^{(00)}m_{101}^{(21)}m_{111}^{(21)} - m_{010}^{(00)}m_{101}^{(21)}m_{102}^{(11)} - m_{010}^{(00)}m_{101}^{(21)}m_{021}^{(20)} + m_{010}^{(00)}m_{101}^{(21)}m_{012}^{(10)}\\
&+m_{010}^{(00)}m_{011}^{(20)}m_{120}^{(22)} - 2m_{010}^{(00)}m_{011}^{(20)}m_{111}^{(21)} + m_{010}^{(00)}m_{011}^{(20)}m_{102}^{(11)} - m_{010}^{(00)}m_{011}^{(21)}m_{210}^{(22)}\\
&+m_{010}^{(00)}m_{011}^{(21)}m_{201}^{(21)} + m_{010}^{(00)}m_{011}^{(21)}m_{111}^{(20)} - m_{010}^{(00)}m_{011}^{(21)}m_{102}^{(10)} + m_{010}^{(00)}m_{011}^{(22)}m_{210}^{(21)}\\
&-m_{010}^{(00)}m_{011}^{(22)}m_{201}^{(11)} - m_{010}^{(00)}m_{011}^{(22)}m_{120}^{(20)} + m_{010}^{(00)}m_{011}^{(22)}m_{111}^{(10)} - m_{010}^{(00)}m_{002}^{(10)}m_{120}^{(22)}\\
&+2m_{010}^{(00)}m_{002}^{(10)}m_{111}^{(21)} - m_{010}^{(00)}m_{002}^{(10)}m_{102}^{(11)} + m_{010}^{(00)}m_{002}^{(11)}m_{210}^{(22)} - m_{010}^{(00)}m_{002}^{(11)}m_{201}^{(21)}\\
&-m_{010}^{(00)}m_{002}^{(11)}m_{111}^{(20)} + m_{010}^{(00)}m_{002}^{(11)}m_{102}^{(10)} - m_{010}^{(00)}m_{002}^{(21)}m_{210}^{(21)} + m_{010}^{(00)}m_{002}^{(21)}m_{201}^{(11)}\\
&+m_{010}^{(00)}m_{002}^{(21)}m_{120}^{(20)} - m_{010}^{(00)}m_{002}^{(21)}m_{111}^{(10)} + m_{010}^{(10)}m_{200}^{(20)}m_{021}^{(22)} - 2m_{010}^{(10)}m_{200}^{(20)}m_{012}^{(21)}\\
&+m_{010}^{(10)}m_{200}^{(20)}m_{003}^{(11)} - m_{010}^{(10)}m_{200}^{(21)}m_{111}^{(22)} + m_{010}^{(10)}m_{200}^{(21)}m_{102}^{(21)} + m_{010}^{(10)}m_{200}^{(21)}m_{012}^{(20)}\\
&-m_{010}^{(10)}m_{200}^{(21)}m_{003}^{(10)} + m_{010}^{(10)}m_{200}^{(22)}m_{111}^{(21)} - m_{010}^{(10)}m_{200}^{(22)}m_{102}^{(11)} - m_{010}^{(10)}m_{200}^{(22)}m_{021}^{(20)}\\
&+m_{010}^{(10)}m_{200}^{(22)}m_{012}^{(10)} + m_{010}^{(10)}m_{110}^{(20)}m_{111}^{(22)} - m_{010}^{(10)}m_{110}^{(20)}m_{102}^{(21)} - m_{010}^{(10)}m_{110}^{(20)}m_{012}^{(20)}\\
&+m_{010}^{(10)}m_{110}^{(20)}m_{003}^{(10)} - m_{010}^{(10)}m_{110}^{(21)}m_{201}^{(22)} + 2m_{010}^{(10)}m_{110}^{(21)}m_{102}^{(20)} - m_{010}^{(10)}m_{110}^{(21)}m_{003}^{(00)}\\
&+m_{010}^{(10)}m_{110}^{(22)}m_{201}^{(21)} - m_{010}^{(10)}m_{110}^{(22)}m_{111}^{(20)} - m_{010}^{(10)}m_{110}^{(22)}m_{102}^{(10)} + m_{010}^{(10)}m_{110}^{(22)}m_{012}^{(00)}\\
&-m_{010}^{(10)}m_{101}^{(00)}m_{021}^{(22)} + 2m_{010}^{(10)}m_{101}^{(00)}m_{012}^{(21)} - m_{010}^{(10)}m_{101}^{(00)}m_{003}^{(11)} + m_{010}^{(10)}m_{101}^{(11)}m_{201}^{(22)}\\
&-2m_{010}^{(10)}m_{101}^{(11)}m_{102}^{(20)} + m_{010}^{(10)}m_{101}^{(11)}m_{003}^{(00)} - m_{010}^{(10)}m_{101}^{(20)}m_{120}^{(22)} + m_{010}^{(10)}m_{101}^{(20)}m_{111}^{(21)}\\
&+m_{010}^{(10)}m_{101}^{(20)}m_{021}^{(20)} - m_{010}^{(10)}m_{101}^{(20)}m_{012}^{(10)} + m_{010}^{(10)}m_{101}^{(21)}m_{210}^{(22)} - 2m_{010}^{(10)}m_{101}^{(21)}m_{201}^{(21)}\\
&+2m_{010}^{(10)}m_{101}^{(21)}m_{102}^{(10)} - m_{010}^{(10)}m_{101}^{(21)}m_{012}^{(00)} - m_{010}^{(10)}m_{101}^{(22)}m_{210}^{(21)} + m_{010}^{(10)}m_{101}^{(22)}m_{201}^{(11)}\\
&+m_{010}^{(10)}m_{101}^{(22)}m_{120}^{(20)} - m_{010}^{(10)}m_{101}^{(22)}m_{111}^{(10)} - m_{010}^{(10)}m_{011}^{(20)}m_{210}^{(22)} + m_{010}^{(10)}m_{011}^{(20)}m_{201}^{(21)}\\
&+m_{010}^{(10)}m_{011}^{(20)}m_{111}^{(20)} - m_{010}^{(10)}m_{011}^{(20)}m_{102}^{(10)} + m_{010}^{(10)}m_{011}^{(21)}m_{300}^{(22)} - 2m_{010}^{(10)}m_{011}^{(21)}m_{201}^{(20)}\\
&+m_{010}^{(10)}m_{011}^{(21)}m_{102}^{(00)} - m_{010}^{(10)}m_{011}^{(22)}m_{300}^{(21)} + m_{010}^{(10)}m_{011}^{(22)}m_{210}^{(20)} + m_{010}^{(10)}m_{011}^{(22)}m_{201}^{(10)}\\
&-m_{010}^{(10)}m_{011}^{(22)}m_{111}^{(00)} + m_{010}^{(10)}m_{002}^{(00)}m_{120}^{(22)} - 2m_{010}^{(10)}m_{002}^{(00)}m_{111}^{(21)} + m_{010}^{(10)}m_{002}^{(00)}m_{102}^{(11)}\\
&-m_{010}^{(10)}m_{002}^{(11)}m_{300}^{(22)} + 2m_{010}^{(10)}m_{002}^{(11)}m_{201}^{(20)} - m_{010}^{(10)}m_{002}^{(11)}m_{102}^{(00)} + m_{010}^{(10)}m_{002}^{(20)}m_{210}^{(21)}\\
&-m_{010}^{(10)}m_{002}^{(20)}m_{201}^{(11)} - m_{010}^{(10)}m_{002}^{(20)}m_{120}^{(20)} + m_{010}^{(10)}m_{002}^{(20)}m_{111}^{(10)} + m_{010}^{(10)}m_{002}^{(21)}m_{300}^{(21)}\\
&-m_{010}^{(10)}m_{002}^{(21)}m_{210}^{(20)} - m_{010}^{(10)}m_{002}^{(21)}m_{201}^{(10)} + m_{010}^{(10)}m_{002}^{(21)}m_{111}^{(00)} - m_{010}^{(11)}m_{200}^{(20)}m_{111}^{(22)}\\
&+m_{010}^{(11)}m_{200}^{(20)}m_{102}^{(21)} + m_{010}^{(11)}m_{200}^{(20)}m_{012}^{(20)} - m_{010}^{(11)}m_{200}^{(20)}m_{003}^{(10)} + m_{010}^{(11)}m_{200}^{(21)}m_{201}^{(22)}\\
&-2m_{010}^{(11)}m_{200}^{(21)}m_{102}^{(20)} + m_{010}^{(11)}m_{200}^{(21)}m_{003}^{(00)} - m_{010}^{(11)}m_{200}^{(22)}m_{201}^{(21)} + m_{010}^{(11)}m_{200}^{(22)}m_{111}^{(20)}\\
&+m_{010}^{(11)}m_{200}^{(22)}m_{102}^{(10)} - m_{010}^{(11)}m_{200}^{(22)}m_{012}^{(00)} + m_{010}^{(11)}m_{101}^{(00)}m_{111}^{(22)} - m_{010}^{(11)}m_{101}^{(00)}m_{102}^{(21)}\\
&-m_{010}^{(11)}m_{101}^{(00)}m_{012}^{(20)} + m_{010}^{(11)}m_{101}^{(00)}m_{003}^{(10)} - m_{010}^{(11)}m_{101}^{(10)}m_{201}^{(22)} + 2m_{010}^{(11)}m_{101}^{(10)}m_{102}^{(20)}\\
&-m_{010}^{(11)}m_{101}^{(10)}m_{003}^{(00)} + m_{010}^{(11)}m_{101}^{(20)}m_{210}^{(22)} - 2m_{010}^{(11)}m_{101}^{(20)}m_{111}^{(21)} + m_{010}^{(11)}m_{101}^{(20)}m_{012}^{(00)}\\
&-m_{010}^{(11)}m_{101}^{(21)}m_{300}^{(22)} + 2m_{010}^{(11)}m_{101}^{(21)}m_{201}^{(20)} - m_{010}^{(11)}m_{101}^{(21)}m_{102}^{(00)} + m_{010}^{(11)}m_{101}^{(22)}m_{300}^{(21)}\\
&-m_{010}^{(11)}m_{101}^{(22)}m_{210}^{(20)} - m_{010}^{(11)}m_{101}^{(22)}m_{201}^{(10)} + m_{010}^{(11)}m_{101}^{(22)}m_{111}^{(00)} - m_{010}^{(11)}m_{002}^{(00)}m_{210}^{(22)}\\
&+m_{010}^{(11)}m_{002}^{(00)}m_{201}^{(21)} + m_{010}^{(11)}m_{002}^{(00)}m_{111}^{(20)} - m_{010}^{(11)}m_{002}^{(00)}m_{102}^{(10)} + m_{010}^{(11)}m_{002}^{(10)}m_{300}^{(22)}\\
&-2m_{010}^{(11)}m_{002}^{(10)}m_{201}^{(20)} + m_{010}^{(11)}m_{002}^{(10)}m_{102}^{(00)} - m_{010}^{(11)}m_{002}^{(20)}m_{300}^{(21)} + m_{010}^{(11)}m_{002}^{(20)}m_{210}^{(20)}\\
&+m_{010}^{(11)}m_{002}^{(20)}m_{201}^{(10)} - m_{010}^{(11)}m_{002}^{(20)}m_{111}^{(00)} - m_{010}^{(20)}m_{200}^{(10)}m_{021}^{(22)} + 2m_{010}^{(20)}m_{200}^{(10)}m_{012}^{(21)}\\
&-m_{010}^{(20)}m_{200}^{(10)}m_{003}^{(11)} + m_{010}^{(20)}m_{200}^{(11)}m_{111}^{(22)} - m_{010}^{(20)}m_{200}^{(11)}m_{102}^{(21)} - m_{010}^{(20)}m_{200}^{(11)}m_{012}^{(20)}\\
&+m_{010}^{(20)}m_{200}^{(11)}m_{003}^{(10)} - m_{010}^{(20)}m_{200}^{(21)}m_{111}^{(21)} + m_{010}^{(20)}m_{200}^{(21)}m_{102}^{(11)} + m_{010}^{(20)}m_{200}^{(21)}m_{021}^{(20)}
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\begin{aligned}
&-m_{010}^{(20)}m_{200}^{(21)}m_{012}^{(10)} + m_{010}^{(20)}m_{110}^{(00)}m_{021}^{(22)} - 2m_{010}^{(20)}m_{110}^{(00)}m_{012}^{(21)} + m_{010}^{(20)}m_{110}^{(00)}m_{003}^{(11)}\\
&-m_{010}^{(20)}m_{110}^{(10)}m_{111}^{(22)} + m_{010}^{(20)}m_{110}^{(10)}m_{102}^{(21)} + m_{010}^{(20)}m_{110}^{(10)}m_{012}^{(20)} - m_{010}^{(20)}m_{110}^{(10)}m_{003}^{(10)}\\
&+m_{010}^{(20)}m_{110}^{(21)}m_{201}^{(21)} - m_{010}^{(20)}m_{110}^{(21)}m_{111}^{(20)} - m_{010}^{(20)}m_{110}^{(21)}m_{102}^{(10)} + m_{010}^{(20)}m_{110}^{(21)}m_{012}^{(00)}\\
&-m_{010}^{(20)}m_{110}^{(22)}m_{201}^{(11)} + 2m_{010}^{(20)}m_{110}^{(22)}m_{111}^{(10)} - m_{010}^{(20)}m_{110}^{(22)}m_{021}^{(00)} + m_{010}^{(20)}m_{101}^{(10)}m_{120}^{(22)}\\
&-m_{010}^{(20)}m_{101}^{(10)}m_{111}^{(21)} - m_{010}^{(20)}m_{101}^{(10)}m_{021}^{(20)} + m_{010}^{(20)}m_{101}^{(10)}m_{012}^{(10)} - m_{010}^{(20)}m_{101}^{(11)}m_{210}^{(22)}\\
&+2m_{010}^{(20)}m_{101}^{(11)}m_{111}^{(20)} - m_{010}^{(20)}m_{101}^{(11)}m_{012}^{(00)} + m_{010}^{(20)}m_{101}^{(21)}m_{210}^{(21)} - m_{010}^{(20)}m_{101}^{(21)}m_{120}^{(20)}\\
&-m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(10)} + m_{010}^{(20)}m_{101}^{(21)}m_{021}^{(00)} - m_{010}^{(20)}m_{011}^{(00)}m_{120}^{(22)} + 2m_{010}^{(20)}m_{011}^{(00)}m_{111}^{(21)}\\
&-m_{010}^{(20)}m_{011}^{(00)}m_{102}^{(11)} + m_{010}^{(20)}m_{011}^{(10)}m_{210}^{(22)} - m_{010}^{(20)}m_{011}^{(10)}m_{201}^{(21)} - m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(20)}\\
&+m_{010}^{(20)}m_{011}^{(10)}m_{102}^{(10)} - m_{010}^{(20)}m_{011}^{(21)}m_{300}^{(21)} + m_{010}^{(20)}m_{011}^{(21)}m_{210}^{(20)} + m_{010}^{(20)}m_{011}^{(21)}m_{201}^{(10)}\\
&-m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(00)} + m_{010}^{(20)}m_{011}^{(22)}m_{300}^{(11)} - 2m_{010}^{(20)}m_{011}^{(22)}m_{210}^{(10)} + m_{010}^{(20)}m_{011}^{(22)}m_{120}^{(00)}\\
&-m_{010}^{(20)}m_{002}^{(10)}m_{210}^{(21)} + m_{010}^{(20)}m_{002}^{(10)}m_{201}^{(11)} + m_{010}^{(20)}m_{002}^{(10)}m_{120}^{(20)} - m_{010}^{(20)}m_{002}^{(10)}m_{111}^{(10)}\\
&+m_{010}^{(20)}m_{002}^{(11)}m_{300}^{(21)} - m_{010}^{(20)}m_{002}^{(11)}m_{210}^{(20)} - m_{010}^{(20)}m_{002}^{(11)}m_{201}^{(10)} + m_{010}^{(20)}m_{002}^{(11)}m_{111}^{(00)}\\
&-m_{010}^{(20)}m_{002}^{(21)}m_{300}^{(11)} + 2m_{010}^{(20)}m_{002}^{(21)}m_{210}^{(10)} - m_{010}^{(20)}m_{002}^{(21)}m_{120}^{(00)} + m_{010}^{(20)}m_{200}^{(21)}m_{111}^{(22)}\\
&-m_{010}^{(21)}m_{200}^{(10)}m_{102}^{(21)} - m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(20)} + m_{010}^{(21)}m_{200}^{(10)}m_{003}^{(10)} - m_{010}^{(21)}m_{200}^{(11)}m_{201}^{(22)}\\
&+2m_{010}^{(21)}m_{200}^{(11)}m_{102}^{(20)} - m_{010}^{(21)}m_{200}^{(11)}m_{003}^{(00)} + m_{010}^{(21)}m_{200}^{(20)}m_{111}^{(21)} - m_{010}^{(21)}m_{200}^{(20)}m_{102}^{(11)}\\
&-m_{010}^{(21)}m_{200}^{(20)}m_{021}^{(20)} + m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(10)} + m_{010}^{(21)}m_{200}^{(22)}m_{201}^{(11)} - 2m_{010}^{(21)}m_{200}^{(22)}m_{111}^{(10)}\\
&+m_{010}^{(21)}m_{200}^{(22)}m_{021}^{(00)} - m_{010}^{(21)}m_{110}^{(00)}m_{111}^{(22)} + m_{010}^{(21)}m_{110}^{(00)}m_{102}^{(21)} + m_{010}^{(21)}m_{110}^{(00)}m_{012}^{(20)}\\
&-m_{010}^{(21)}m_{110}^{(00)}m_{003}^{(10)} + m_{010}^{(21)}m_{110}^{(10)}m_{201}^{(22)} - 2m_{010}^{(21)}m_{110}^{(10)}m_{102}^{(20)} + m_{010}^{(21)}m_{110}^{(10)}m_{003}^{(00)}\\
&-m_{010}^{(21)}m_{110}^{(20)}m_{201}^{(21)} + m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(20)} + m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(10)} - m_{010}^{(21)}m_{110}^{(20)}m_{012}^{(00)}\\
&-m_{010}^{(21)}m_{101}^{(00)}m_{111}^{(21)} + m_{010}^{(21)}m_{101}^{(00)}m_{102}^{(11)} + m_{010}^{(21)}m_{101}^{(00)}m_{021}^{(20)} - m_{010}^{(21)}m_{101}^{(00)}m_{012}^{(10)}\\
&-m_{010}^{(21)}m_{101}^{(10)}m_{210}^{(22)} + 2m_{010}^{(21)}m_{101}^{(10)}m_{201}^{(21)} - 2m_{010}^{(21)}m_{101}^{(10)}m_{102}^{(10)} + m_{010}^{(21)}m_{101}^{(10)}m_{012}^{(00)}\\
&+m_{010}^{(21)}m_{101}^{(11)}m_{300}^{(22)} - 2m_{010}^{(21)}m_{101}^{(11)}m_{201}^{(20)} + m_{010}^{(21)}m_{101}^{(11)}m_{102}^{(00)} - m_{010}^{(21)}m_{101}^{(20)}m_{210}^{(21)}\\
&+m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(20)} + m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(10)} - m_{010}^{(21)}m_{101}^{(20)}m_{021}^{(00)} - m_{010}^{(21)}m_{101}^{(22)}m_{300}^{(11)}\\
&+2m_{010}^{(21)}m_{101}^{(22)}m_{210}^{(10)} - m_{010}^{(21)}m_{101}^{(22)}m_{120}^{(00)} + m_{010}^{(21)}m_{011}^{(00)}m_{210}^{(22)} - m_{010}^{(21)}m_{011}^{(00)}m_{201}^{(21)}\\
&-m_{010}^{(21)}m_{011}^{(00)}m_{111}^{(20)} + m_{010}^{(21)}m_{011}^{(00)}m_{102}^{(10)} - m_{010}^{(21)}m_{011}^{(10)}m_{300}^{(22)} + 2m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(20)}\\
&-m_{010}^{(21)}m_{011}^{(10)}m_{102}^{(00)} + m_{010}^{(21)}m_{011}^{(20)}m_{300}^{(21)} - m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(20)} - m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(10)}\\
&+m_{010}^{(21)}m_{011}^{(20)}m_{111}^{(00)} + m_{010}^{(21)}m_{002}^{(00)}m_{210}^{(21)} - m_{010}^{(21)}m_{002}^{(00)}m_{201}^{(11)} - m_{010}^{(21)}m_{002}^{(00)}m_{120}^{(20)}\\
&+m_{010}^{(21)}m_{002}^{(00)}m_{111}^{(10)} - m_{010}^{(21)}m_{002}^{(10)}m_{300}^{(21)} + m_{010}^{(21)}m_{002}^{(10)}m_{210}^{(20)} + m_{010}^{(21)}m_{002}^{(10)}m_{201}^{(10)}\\
&-m_{010}^{(21)}m_{002}^{(10)}m_{111}^{(00)} + m_{010}^{(21)}m_{002}^{(20)}m_{300}^{(11)} - 2m_{010}^{(21)}m_{002}^{(20)}m_{210}^{(10)} + m_{010}^{(21)}m_{002}^{(20)}m_{120}^{(00)}\\
&-m_{010}^{(22)}m_{200}^{(10)}m_{111}^{(21)} + m_{010}^{(22)}m_{200}^{(10)}m_{102}^{(11)} + m_{010}^{(22)}m_{200}^{(10)}m_{021}^{(20)} - m_{010}^{(22)}m_{200}^{(10)}m_{012}^{(10)}\\
&+m_{010}^{(22)}m_{200}^{(11)}m_{201}^{(21)} - m_{010}^{(22)}m_{200}^{(11)}m_{111}^{(20)} - m_{010}^{(22)}m_{200}^{(11)}m_{102}^{(10)} + m_{010}^{(22)}m_{200}^{(11)}m_{012}^{(00)}\\
&-m_{010}^{(22)}m_{200}^{(21)}m_{201}^{(11)} + 2m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(10)} - m_{010}^{(22)}m_{200}^{(21)}m_{021}^{(00)} + m_{010}^{(22)}m_{110}^{(00)}m_{111}^{(21)}\\
&-m_{010}^{(22)}m_{110}^{(00)}m_{102}^{(11)} - m_{010}^{(22)}m_{110}^{(00)}m_{021}^{(20)} + m_{010}^{(22)}m_{110}^{(00)}m_{012}^{(10)} - m_{010}^{(22)}m_{110}^{(10)}m_{201}^{(21)}\\
&+m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(20)} + m_{010}^{(22)}m_{110}^{(10)}m_{102}^{(10)} - m_{010}^{(22)}m_{110}^{(10)}m_{012}^{(00)} + m_{010}^{(22)}m_{110}^{(20)}m_{201}^{(11)}\\
&-2m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(10)} + m_{010}^{(22)}m_{110}^{(20)}m_{021}^{(00)} + m_{010}^{(22)}m_{101}^{(10)}m_{210}^{(21)} - m_{010}^{(22)}m_{101}^{(10)}m_{201}^{(11)}\\
&-m_{010}^{(22)}m_{101}^{(10)}m_{120}^{(20)} + m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(10)} - m_{010}^{(22)}m_{101}^{(11)}m_{300}^{(21)} + m_{010}^{(22)}m_{101}^{(11)}m_{210}^{(20)}\\
&+m_{010}^{(22)}m_{101}^{(21)}m_{201}^{(10)} - m_{010}^{(22)}m_{101}^{(21)}m_{111}^{(00)} + m_{010}^{(22)}m_{101}^{(21)}m_{300}^{(11)} - 2m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(10)}\\
&+m_{010}^{(22)}m_{101}^{(21)}m_{120}^{(00)} - m_{010}^{(22)}m_{011}^{(00)}m_{210}^{(21)} + m_{010}^{(22)}m_{011}^{(00)}m_{201}^{(11)} + m_{010}^{(22)}m_{011}^{(00)}m_{120}^{(20)}
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&-m_{010}^{(22)}m_{011}^{(00)}m_{111}^{(10)}+m_{010}^{(22)}m_{011}^{(10)}m_{300}^{(21)}-m_{010}^{(22)}m_{011}^{(10)}m_{210}^{(20)}-m_{010}^{(22)}m_{011}^{(10)}m_{201}^{(10)}\\
&+m_{010}^{(22)}m_{011}^{(10)}m_{111}^{(00)}-m_{010}^{(22)}m_{011}^{(20)}m_{300}^{(11)}+2m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(10)}-m_{010}^{(22)}m_{011}^{(20)}m_{120}^{(00)}\\
&+m_{001}^{(00)}m_{110}^{(20)}m_{030}^{(22)}-2m_{001}^{(00)}m_{110}^{(20)}m_{021}^{(21)}+m_{001}^{(00)}m_{110}^{(20)}m_{012}^{(11)}-m_{001}^{(00)}m_{110}^{(21)}m_{120}^{(22)}\\
&+m_{001}^{(00)}m_{110}^{(21)}m_{111}^{(21)}+m_{001}^{(00)}m_{110}^{(21)}m_{021}^{(20)}-m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(10)}+m_{001}^{(00)}m_{110}^{(22)}m_{120}^{(21)}\\
&-m_{001}^{(00)}m_{110}^{(22)}m_{111}^{(11)}-m_{001}^{(00)}m_{110}^{(22)}m_{030}^{(20)}+m_{001}^{(00)}m_{110}^{(22)}m_{021}^{(10)}-m_{001}^{(00)}m_{101}^{(10)}m_{030}^{(22)}\\
&+2m_{001}^{(00)}m_{101}^{(10)}m_{021}^{(21)}-m_{001}^{(00)}m_{101}^{(10)}m_{012}^{(11)}+m_{001}^{(00)}m_{101}^{(11)}m_{120}^{(22)}-m_{001}^{(00)}m_{101}^{(11)}m_{111}^{(21)}\\
&-m_{001}^{(00)}m_{101}^{(11)}m_{021}^{(20)}+m_{001}^{(00)}m_{101}^{(11)}m_{012}^{(10)}-m_{001}^{(00)}m_{101}^{(21)}m_{120}^{(21)}+m_{001}^{(00)}m_{101}^{(21)}m_{111}^{(11)}\\
&+m_{001}^{(00)}m_{101}^{(21)}m_{030}^{(20)}-m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(10)}-m_{001}^{(00)}m_{020}^{(20)}m_{120}^{(22)}+2m_{001}^{(00)}m_{020}^{(20)}m_{111}^{(21)}\\
&-m_{001}^{(00)}m_{020}^{(20)}m_{102}^{(11)}+m_{001}^{(00)}m_{020}^{(21)}m_{210}^{(22)}-m_{001}^{(00)}m_{020}^{(21)}m_{201}^{(21)}-m_{001}^{(00)}m_{020}^{(21)}m_{111}^{(20)}\\
&+m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(10)}-m_{001}^{(00)}m_{020}^{(22)}m_{210}^{(21)}+m_{001}^{(00)}m_{020}^{(22)}m_{201}^{(11)}+m_{001}^{(00)}m_{020}^{(22)}m_{120}^{(20)}\\
&-m_{001}^{(00)}m_{020}^{(22)}m_{111}^{(10)}+m_{001}^{(00)}m_{011}^{(10)}m_{120}^{(22)}-2m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(21)}+m_{001}^{(00)}m_{011}^{(10)}m_{102}^{(11)}\\
&-m_{001}^{(00)}m_{011}^{(11)}m_{210}^{(22)}+m_{001}^{(00)}m_{011}^{(11)}m_{201}^{(21)}+m_{001}^{(00)}m_{011}^{(11)}m_{111}^{(20)}-m_{001}^{(00)}m_{011}^{(11)}m_{102}^{(10)}\\
&+m_{001}^{(00)}m_{011}^{(21)}m_{210}^{(21)}-m_{001}^{(00)}m_{011}^{(21)}m_{201}^{(11)}-m_{001}^{(00)}m_{011}^{(21)}m_{120}^{(20)}+m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(10)}\\
&-m_{001}^{(10)}m_{200}^{(20)}m_{030}^{(22)}+2m_{001}^{(10)}m_{200}^{(20)}m_{021}^{(21)}-m_{001}^{(10)}m_{200}^{(20)}m_{012}^{(11)}+m_{001}^{(10)}m_{200}^{(21)}m_{120}^{(22)}\\
&-m_{001}^{(10)}m_{200}^{(21)}m_{111}^{(21)}-m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(20)}+m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(10)}-m_{001}^{(10)}m_{200}^{(22)}m_{120}^{(21)}\\
&+m_{001}^{(10)}m_{200}^{(22)}m_{111}^{(11)}+m_{001}^{(10)}m_{200}^{(22)}m_{030}^{(20)}-m_{001}^{(10)}m_{200}^{(22)}m_{021}^{(10)}-m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(21)}\\
&+m_{001}^{(10)}m_{110}^{(20)}m_{102}^{(11)}+m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(20)}-m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(10)}+m_{001}^{(10)}m_{110}^{(21)}m_{201}^{(21)}\\
&-m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(20)}-m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(10)}+m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(00)}-m_{001}^{(10)}m_{110}^{(22)}m_{201}^{(11)}\\
&+2m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(10)}-m_{001}^{(10)}m_{110}^{(22)}m_{021}^{(00)}+m_{001}^{(10)}m_{101}^{(00)}m_{030}^{(22)}-2m_{001}^{(10)}m_{101}^{(00)}m_{021}^{(21)}\\
&+m_{001}^{(10)}m_{101}^{(00)}m_{012}^{(11)}-m_{001}^{(10)}m_{101}^{(11)}m_{210}^{(22)}+2m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(20)}-m_{001}^{(10)}m_{101}^{(11)}m_{012}^{(00)}\\
&+m_{001}^{(10)}m_{101}^{(20)}m_{120}^{(21)}-m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(11)}-m_{001}^{(10)}m_{101}^{(20)}m_{030}^{(20)}+m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(10)}\\
&+m_{001}^{(10)}m_{101}^{(21)}m_{210}^{(21)}-m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(20)}-m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(10)}+m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(00)}\\
&+m_{001}^{(10)}m_{020}^{(20)}m_{210}^{(22)}-m_{001}^{(10)}m_{020}^{(20)}m_{201}^{(21)}-m_{001}^{(10)}m_{020}^{(20)}m_{111}^{(20)}+m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(10)}\\
&-m_{001}^{(10)}m_{020}^{(21)}m_{300}^{(22)}+2m_{001}^{(10)}m_{020}^{(21)}m_{201}^{(20)}-m_{001}^{(10)}m_{020}^{(21)}m_{102}^{(00)}+m_{001}^{(10)}m_{020}^{(22)}m_{300}^{(21)}\\
&-m_{001}^{(10)}m_{020}^{(22)}m_{210}^{(20)}-m_{001}^{(10)}m_{020}^{(22)}m_{201}^{(10)}+m_{001}^{(10)}m_{020}^{(22)}m_{111}^{(00)}-m_{001}^{(10)}m_{011}^{(00)}m_{120}^{(22)}\\
&+2m_{001}^{(10)}m_{011}^{(00)}m_{111}^{(21)}-m_{001}^{(10)}m_{011}^{(00)}m_{102}^{(11)}+m_{001}^{(10)}m_{011}^{(11)}m_{300}^{(22)}-2m_{001}^{(10)}m_{011}^{(11)}m_{201}^{(20)}\\
&+m_{001}^{(10)}m_{011}^{(11)}m_{102}^{(00)}-m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(21)}+m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(11)}+m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(20)}\\
&-m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(10)}-m_{001}^{(10)}m_{011}^{(21)}m_{300}^{(21)}+m_{001}^{(10)}m_{011}^{(21)}m_{210}^{(20)}+m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(10)}\\
&-m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(00)}+m_{001}^{(11)}m_{200}^{(20)}m_{120}^{(22)}-m_{001}^{(11)}m_{200}^{(20)}m_{111}^{(21)}-m_{001}^{(11)}m_{200}^{(20)}m_{021}^{(20)}\\
&+m_{001}^{(11)}m_{200}^{(21)}m_{012}^{(20)}-m_{001}^{(11)}m_{200}^{(21)}m_{111}^{(20)}+2m_{001}^{(11)}m_{200}^{(21)}m_{111}^{(20)}-m_{001}^{(11)}m_{200}^{(21)}m_{012}^{(00)}\\
&+m_{001}^{(11)}m_{200}^{(22)}m_{210}^{(21)}-m_{001}^{(11)}m_{200}^{(22)}m_{120}^{(20)}-m_{001}^{(11)}m_{200}^{(22)}m_{111}^{(10)}+m_{001}^{(11)}m_{200}^{(22)}m_{021}^{(00)}\\
&-m_{001}^{(11)}m_{110}^{(20)}m_{210}^{(22)}+m_{001}^{(11)}m_{110}^{(20)}m_{201}^{(21)}+m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(20)}-m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(10)}\\
&+m_{001}^{(11)}m_{110}^{(21)}m_{300}^{(22)}-2m_{001}^{(11)}m_{110}^{(21)}m_{201}^{(20)}+m_{001}^{(11)}m_{110}^{(21)}m_{102}^{(00)}-m_{001}^{(11)}m_{110}^{(22)}m_{300}^{(21)}\\
&+m_{001}^{(11)}m_{110}^{(22)}m_{210}^{(20)}+m_{001}^{(11)}m_{110}^{(22)}m_{201}^{(10)}-m_{001}^{(11)}m_{110}^{(22)}m_{111}^{(00)}-m_{001}^{(11)}m_{101}^{(00)}m_{120}^{(22)}\\
&+m_{001}^{(11)}m_{101}^{(00)}m_{111}^{(21)}+m_{001}^{(11)}m_{101}^{(00)}m_{021}^{(20)}-m_{001}^{(11)}m_{101}^{(00)}m_{012}^{(10)}+m_{001}^{(11)}m_{101}^{(10)}m_{210}^{(22)}\\
&-2m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(20)}+m_{001}^{(11)}m_{101}^{(10)}m_{012}^{(00)}-m_{001}^{(11)}m_{101}^{(20)}m_{210}^{(21)}+m_{001}^{(11)}m_{101}^{(20)}m_{120}^{(20)}\\
&+m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(10)}-m_{001}^{(11)}m_{101}^{(20)}m_{021}^{(00)}+m_{001}^{(11)}m_{011}^{(00)}m_{210}^{(22)}-m_{001}^{(11)}m_{011}^{(00)}m_{201}^{(21)}\\
&-m_{001}^{(11)}m_{011}^{(00)}m_{111}^{(20)}+m_{001}^{(11)}m_{011}^{(00)}m_{102}^{(10)}-m_{001}^{(11)}m_{011}^{(10)}m_{300}^{(22)}+2m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(20)}
\end{aligned}
$$

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\begin{aligned}
&-m_{001}^{(11)}m_{011}^{(10)}m_{102}^{(00)} + m_{001}^{(11)}m_{011}^{(20)}m_{300}^{(21)} - m_{001}^{(11)}m_{011}^{(20)}m_{210}^{(20)} - m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(10)}\\
&+m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(00)} + m_{001}^{(20)}m_{200}^{(10)}m_{030}^{(22)} - 2m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(21)} + m_{001}^{(20)}m_{200}^{(10)}m_{012}^{(11)}\\
&-m_{001}^{(20)}m_{200}^{(11)}m_{120}^{(22)} + m_{001}^{(20)}m_{200}^{(11)}m_{111}^{(21)} + m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(20)} - m_{001}^{(20)}m_{200}^{(11)}m_{012}^{(10)}\\
&+m_{001}^{(20)}m_{200}^{(21)}m_{120}^{(21)} - m_{001}^{(20)}m_{200}^{(21)}m_{111}^{(11)} - m_{001}^{(20)}m_{200}^{(21)}m_{030}^{(20)} + m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(10)}\\
&-m_{001}^{(20)}m_{110}^{(00)}m_{030}^{(22)} + 2m_{001}^{(20)}m_{110}^{(00)}m_{021}^{(21)} - m_{001}^{(20)}m_{110}^{(00)}m_{012}^{(11)} + m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(21)}\\
&-m_{001}^{(20)}m_{110}^{(10)}m_{102}^{(11)} - m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(20)} + m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(10)} + m_{001}^{(20)}m_{110}^{(11)}m_{210}^{(22)}\\
&-m_{001}^{(20)}m_{110}^{(11)}m_{201}^{(21)} - m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(20)} + m_{001}^{(20)}m_{110}^{(11)}m_{102}^{(10)} - 2m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(21)}\\
&+m_{001}^{(20)}m_{110}^{(21)}m_{201}^{(11)} + 2m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(20)} - m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(00)} + m_{001}^{(20)}m_{110}^{(22)}m_{210}^{(11)}\\
&-2m_{001}^{(20)}m_{110}^{(22)}m_{120}^{(10)} + m_{001}^{(20)}m_{110}^{(22)}m_{030}^{(00)} - m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(21)} + m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(11)}\\
&+m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(20)} - m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(10)} + m_{001}^{(20)}m_{101}^{(11)}m_{210}^{(21)} - m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(20)}\\
&-m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(10)} + m_{001}^{(20)}m_{101}^{(11)}m_{021}^{(00)} - m_{001}^{(20)}m_{101}^{(21)}m_{210}^{(11)} + 2m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(10)}\\
&-m_{001}^{(20)}m_{101}^{(21)}m_{030}^{(00)} + m_{001}^{(20)}m_{020}^{(00)}m_{120}^{(22)} - 2m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(21)} + m_{001}^{(20)}m_{020}^{(00)}m_{102}^{(11)}\\
&-m_{001}^{(20)}m_{020}^{(10)}m_{210}^{(22)} + m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(21)} + m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(20)} - m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(10)}\\
&+m_{001}^{(20)}m_{020}^{(21)}m_{300}^{(21)} - m_{001}^{(20)}m_{020}^{(21)}m_{210}^{(20)} - m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(10)} + m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(00)}\\
&-m_{001}^{(20)}m_{020}^{(22)}m_{300}^{(11)} + 2m_{001}^{(20)}m_{020}^{(22)}m_{210}^{(10)} - m_{001}^{(20)}m_{020}^{(22)}m_{120}^{(00)} + m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(21)}\\
&-m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(11)} - m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(20)} + m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(10)} - m_{001}^{(20)}m_{011}^{(11)}m_{300}^{(21)}\\
&+m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(20)} + m_{001}^{(20)}m_{011}^{(11)}m_{201}^{(10)} - m_{001}^{(20)}m_{011}^{(11)}m_{111}^{(00)} + m_{001}^{(20)}m_{011}^{(21)}m_{300}^{(11)}\\
&-2m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(10)} + m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(00)} - m_{001}^{(21)}m_{200}^{(10)}m_{120}^{(22)} + m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(21)}\\
&+m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(20)} - m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(10)} + m_{001}^{(21)}m_{200}^{(11)}m_{210}^{(22)} - 2m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(20)}\\
&+m_{001}^{(21)}m_{200}^{(11)}m_{012}^{(00)} - m_{001}^{(21)}m_{200}^{(20)}m_{120}^{(21)} + m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(11)} + m_{001}^{(21)}m_{200}^{(20)}m_{030}^{(20)}\\
&-m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(10)} - m_{001}^{(21)}m_{200}^{(22)}m_{210}^{(11)} + 2m_{001}^{(21)}m_{200}^{(22)}m_{120}^{(10)} - m_{001}^{(21)}m_{200}^{(22)}m_{030}^{(00)}\\
&+m_{001}^{(21)}m_{110}^{(00)}m_{120}^{(22)} - m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(21)} - m_{001}^{(21)}m_{110}^{(00)}m_{021}^{(20)} + m_{001}^{(21)}m_{110}^{(00)}m_{012}^{(10)}\\
&-m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(21)} + m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(20)} + m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(10)} - m_{001}^{(21)}m_{110}^{(10)}m_{012}^{(00)}\\
&-m_{001}^{(21)}m_{110}^{(11)}m_{300}^{(22)} + 2m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(20)} - m_{001}^{(21)}m_{110}^{(11)}m_{102}^{(00)} + 2m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(21)}\\
&-m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(11)} - 2m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(20)} + m_{001}^{(21)}m_{110}^{(20)}m_{021}^{(00)} + m_{001}^{(21)}m_{110}^{(22)}m_{300}^{(11)}\\
&-2m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(10)} + m_{001}^{(21)}m_{110}^{(22)}m_{120}^{(00)} + m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(21)} - m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(11)}\\
&-m_{001}^{(21)}m_{101}^{(00)}m_{030}^{(20)} + m_{001}^{(21)}m_{101}^{(00)}m_{021}^{(10)} - m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(21)} + m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(20)}\\
&+m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(10)} - m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(00)} + m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(11)} - 2m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(10)}\\
&+m_{001}^{(21)}m_{101}^{(20)}m_{030}^{(00)} - m_{001}^{(21)}m_{020}^{(00)}m_{210}^{(22)} + m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(21)} + m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(20)}\\
&-m_{001}^{(21)}m_{020}^{(00)}m_{102}^{(10)} + m_{001}^{(21)}m_{020}^{(10)}m_{300}^{(22)} - 2m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(20)} + m_{001}^{(21)}m_{020}^{(10)}m_{102}^{(00)}\\
&-m_{001}^{(21)}m_{020}^{(20)}m_{300}^{(21)} + m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(20)} + m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(10)} - m_{001}^{(21)}m_{020}^{(20)}m_{111}^{(00)}\\
&-m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(21)} + m_{001}^{(21)}m_{011}^{(00)}m_{201}^{(11)} + m_{001}^{(21)}m_{011}^{(00)}m_{120}^{(20)} - m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(10)}\\
&+m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(21)} - m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(20)} - m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(10)} + m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(00)}\\
&-m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(11)} + 2m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(10)} - m_{001}^{(21)}m_{011}^{(20)}m_{120}^{(00)} + m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(21)}\\
&-m_{001}^{(22)}m_{200}^{(10)}m_{111}^{(11)} - m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(20)} + m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(10)} - m_{001}^{(22)}m_{200}^{(11)}m_{210}^{(21)}\\
&+m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(20)} + m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(10)} - m_{001}^{(22)}m_{200}^{(11)}m_{021}^{(00)} + m_{001}^{(22)}m_{200}^{(21)}m_{210}^{(11)}\\
&-2m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(10)} + m_{001}^{(22)}m_{200}^{(21)}m_{030}^{(00)} - m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(21)} + m_{001}^{(22)}m_{110}^{(00)}m_{111}^{(11)}\\
&+m_{001}^{(22)}m_{110}^{(00)}m_{030}^{(20)} - m_{001}^{(22)}m_{110}^{(00)}m_{021}^{(10)} + m_{001}^{(22)}m_{110}^{(10)}m_{201}^{(11)} - 2m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(10)}
\end{aligned}
$$

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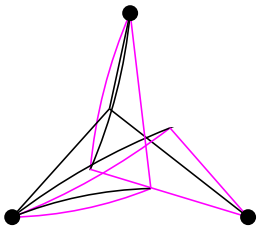
\begin{aligned}
&+m_{001}^{(22)}m_{110}^{(10)}m_{021}^{(00)} + m_{001}^{(22)}m_{110}^{(11)}m_{300}^{(21)} - m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(20)} - m_{001}^{(22)}m_{110}^{(11)}m_{201}^{(10)}\\
&+m_{001}^{(22)}m_{110}^{(11)}m_{111}^{(00)} - m_{001}^{(22)}m_{110}^{(20)}m_{210}^{(11)} + 2m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(10)} - m_{001}^{(22)}m_{110}^{(20)}m_{030}^{(00)}\\
&-m_{001}^{(22)}m_{110}^{(21)}m_{300}^{(11)} + 2m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(10)} - m_{001}^{(22)}m_{110}^{(21)}m_{120}^{(00)} + m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(21)}\\
&-m_{001}^{(22)}m_{020}^{(00)}m_{201}^{(11)} - m_{001}^{(22)}m_{020}^{(00)}m_{120}^{(20)} + m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(10)} - m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(21)}\\
&+m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(20)} + m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(10)} - m_{001}^{(22)}m_{020}^{(10)}m_{111}^{(00)} + m_{001}^{(22)}m_{020}^{(20)}m_{300}^{(11)}\\
&-2m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(10)} + m_{001}^{(22)}m_{020}^{(20)}m_{120}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{rrrr}
V1 & V1 & 1 & V2\\
1 & 1 & 2 & 2\\
V2 & V3 & 3 & V3
\end{array}
$$



$$
\begin{aligned}
T_{77} \;=\;& m_{100}^{(10)}m_{200}^{(11)}m_{012}^{(22)} - m_{100}^{(10)}m_{200}^{(11)}m_{003}^{(21)} - 2m_{100}^{(10)}m_{200}^{(21)}m_{021}^{(22)} + 2m_{100}^{(10)}m_{200}^{(21)}m_{012}^{(21)}\\
&+m_{100}^{(10)}m_{200}^{(22)}m_{030}^{(22)} - m_{100}^{(10)}m_{200}^{(22)}m_{021}^{(21)} - 2m_{100}^{(10)}m_{110}^{(10)}m_{012}^{(22)} + 2m_{100}^{(10)}m_{110}^{(10)}m_{003}^{(21)}\\
&+2m_{100}^{(10)}m_{110}^{(20)}m_{021}^{(22)} - 2m_{100}^{(10)}m_{110}^{(20)}m_{012}^{(21)} + 2m_{100}^{(10)}m_{110}^{(21)}m_{111}^{(22)} - 2m_{100}^{(10)}m_{110}^{(21)}m_{102}^{(21)}\\
&-2m_{100}^{(10)}m_{110}^{(22)}m_{120}^{(22)} + 2m_{100}^{(10)}m_{110}^{(22)}m_{111}^{(21)} + 2m_{100}^{(10)}m_{101}^{(10)}m_{021}^{(22)} - 2m_{100}^{(10)}m_{101}^{(10)}m_{012}^{(21)}\\
&-2m_{100}^{(10)}m_{101}^{(11)}m_{111}^{(22)} + 2m_{100}^{(10)}m_{101}^{(11)}m_{102}^{(21)} - 2m_{100}^{(10)}m_{101}^{(20)}m_{030}^{(22)} + 2m_{100}^{(10)}m_{101}^{(20)}m_{021}^{(21)}\\
&+2m_{100}^{(10)}m_{101}^{(21)}m_{120}^{(22)} - 2m_{100}^{(10)}m_{101}^{(21)}m_{111}^{(21)} + m_{100}^{(10)}m_{020}^{(00)}m_{012}^{(22)} - m_{100}^{(10)}m_{020}^{(00)}m_{003}^{(21)}\\
&-2m_{100}^{(10)}m_{020}^{(20)}m_{111}^{(22)} + 2m_{100}^{(10)}m_{020}^{(20)}m_{102}^{(21)} + m_{100}^{(10)}m_{020}^{(22)}m_{210}^{(22)} - m_{100}^{(10)}m_{020}^{(22)}m_{201}^{(21)}\\
&-2m_{100}^{(10)}m_{011}^{(00)}m_{021}^{(22)} + 2m_{100}^{(10)}m_{011}^{(00)}m_{012}^{(21)} + 2m_{100}^{(10)}m_{011}^{(10)}m_{111}^{(22)} - 2m_{100}^{(10)}m_{011}^{(10)}m_{102}^{(21)}\\
&+2m_{100}^{(10)}m_{011}^{(20)}m_{120}^{(22)} - 2m_{100}^{(10)}m_{011}^{(20)}m_{111}^{(21)} - 2m_{100}^{(10)}m_{011}^{(21)}m_{210}^{(22)} + 2m_{100}^{(10)}m_{011}^{(21)}m_{201}^{(21)}\\
&+m_{100}^{(10)}m_{002}^{(00)}m_{030}^{(22)} - m_{100}^{(10)}m_{002}^{(00)}m_{021}^{(21)} - 2m_{100}^{(10)}m_{002}^{(10)}m_{120}^{(22)} + 2m_{100}^{(10)}m_{002}^{(10)}m_{111}^{(21)}\\
&+m_{100}^{(10)}m_{002}^{(11)}m_{210}^{(22)} - m_{100}^{(10)}m_{002}^{(11)}m_{201}^{(21)} - m_{100}^{(11)}m_{200}^{(11)}m_{102}^{(22)} + m_{100}^{(11)}m_{200}^{(11)}m_{003}^{(20)}\\
&+2m_{100}^{(11)}m_{200}^{(21)}m_{111}^{(22)} - 2m_{100}^{(11)}m_{200}^{(21)}m_{012}^{(20)} - m_{100}^{(11)}m_{200}^{(22)}m_{120}^{(22)} + m_{100}^{(11)}m_{200}^{(22)}m_{021}^{(20)}\\
&+2m_{100}^{(11)}m_{110}^{(10)}m_{102}^{(22)} - 2m_{100}^{(11)}m_{110}^{(10)}m_{003}^{(20)} - 2m_{100}^{(11)}m_{110}^{(20)}m_{111}^{(22)} + 2m_{100}^{(11)}m_{110}^{(20)}m_{012}^{(20)}\\
&-2m_{100}^{(11)}m_{110}^{(21)}m_{201}^{(22)} + 2m_{100}^{(11)}m_{110}^{(21)}m_{102}^{(20)} + 2m_{100}^{(11)}m_{110}^{(22)}m_{210}^{(22)} - 2m_{100}^{(11)}m_{110}^{(22)}m_{111}^{(20)}\\
&-2m_{100}^{(11)}m_{101}^{(10)}m_{111}^{(22)} + 2m_{100}^{(11)}m_{101}^{(10)}m_{012}^{(20)} + 2m_{100}^{(11)}m_{101}^{(11)}m_{201}^{(22)} - 2m_{100}^{(11)}m_{101}^{(11)}m_{102}^{(20)}\\
&+2m_{100}^{(11)}m_{101}^{(20)}m_{120}^{(22)} - 2m_{100}^{(11)}m_{101}^{(20)}m_{021}^{(20)} - 2m_{100}^{(11)}m_{101}^{(21)}m_{210}^{(22)} + 2m_{100}^{(11)}m_{101}^{(21)}m_{111}^{(20)}\\
&-m_{100}^{(11)}m_{020}^{(00)}m_{102}^{(22)} + m_{100}^{(11)}m_{020}^{(00)}m_{003}^{(20)} + 2m_{100}^{(11)}m_{020}^{(20)}m_{201}^{(22)} - 2m_{100}^{(11)}m_{020}^{(20)}m_{102}^{(20)}
\end{aligned}
$$

$$
\begin{aligned}
&-m_{100}^{(11)}m_{020}^{(22)}m_{300}^{(22)}+m_{100}^{(11)}m_{020}^{(22)}m_{201}^{(20)}+2m_{100}^{(11)}m_{011}^{(00)}m_{111}^{(22)}-2m_{100}^{(11)}m_{011}^{(00)}m_{012}^{(20)}\\
&-2m_{100}^{(11)}m_{011}^{(10)}m_{201}^{(22)}+2m_{100}^{(11)}m_{011}^{(10)}m_{102}^{(20)}-2m_{100}^{(11)}m_{011}^{(20)}m_{210}^{(22)}+2m_{100}^{(11)}m_{011}^{(20)}m_{111}^{(20)}\\
&+2m_{100}^{(11)}m_{011}^{(21)}m_{300}^{(22)}-2m_{100}^{(11)}m_{011}^{(21)}m_{201}^{(20)}-m_{100}^{(11)}m_{002}^{(00)}m_{120}^{(22)}+m_{100}^{(11)}m_{002}^{(00)}m_{021}^{(20)}\\
&+2m_{100}^{(11)}m_{002}^{(10)}m_{210}^{(22)}-2m_{100}^{(11)}m_{002}^{(10)}m_{111}^{(20)}-m_{100}^{(11)}m_{002}^{(11)}m_{300}^{(22)}+m_{100}^{(11)}m_{002}^{(11)}m_{201}^{(20)}\\
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&-m_{100}^{(20)}m_{200}^{(22)}m_{030}^{(21)}+m_{100}^{(20)}m_{200}^{(22)}m_{021}^{(11)}+2m_{100}^{(20)}m_{110}^{(10)}m_{012}^{(21)}-2m_{100}^{(20)}m_{110}^{(10)}m_{003}^{(11)}\\
&-2m_{100}^{(20)}m_{110}^{(20)}m_{021}^{(21)}+2m_{100}^{(20)}m_{110}^{(20)}m_{012}^{(11)}-2m_{100}^{(20)}m_{110}^{(21)}m_{111}^{(21)}+2m_{100}^{(20)}m_{110}^{(21)}m_{102}^{(11)}\\
&+2m_{100}^{(20)}m_{110}^{(22)}m_{120}^{(21)}-2m_{100}^{(20)}m_{110}^{(22)}m_{111}^{(11)}-2m_{100}^{(20)}m_{101}^{(10)}m_{021}^{(21)}+2m_{100}^{(20)}m_{101}^{(10)}m_{012}^{(11)}\\
&+2m_{100}^{(20)}m_{101}^{(11)}m_{111}^{(21)}-2m_{100}^{(20)}m_{101}^{(11)}m_{102}^{(11)}+2m_{100}^{(20)}m_{101}^{(20)}m_{030}^{(21)}-2m_{100}^{(20)}m_{101}^{(20)}m_{021}^{(11)}\\
&-2m_{100}^{(20)}m_{101}^{(21)}m_{120}^{(21)}+2m_{100}^{(20)}m_{101}^{(21)}m_{111}^{(11)}-m_{100}^{(20)}m_{020}^{(00)}m_{012}^{(21)}+m_{100}^{(20)}m_{020}^{(00)}m_{003}^{(11)}\\
&+2m_{100}^{(20)}m_{020}^{(20)}m_{111}^{(21)}-2m_{100}^{(20)}m_{020}^{(20)}m_{102}^{(11)}-m_{100}^{(20)}m_{020}^{(22)}m_{210}^{(21)}+m_{100}^{(20)}m_{020}^{(22)}m_{201}^{(11)}\\
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&+2m_{100}^{(21)}m_{200}^{(22)}m_{120}^{(21)}-m_{100}^{(21)}m_{200}^{(22)}m_{030}^{(20)}-m_{100}^{(21)}m_{200}^{(22)}m_{021}^{(10)}-4m_{100}^{(21)}m_{110}^{(10)}m_{102}^{(21)}\\
&+2m_{100}^{(21)}m_{110}^{(10)}m_{012}^{(20)}+2m_{100}^{(21)}m_{110}^{(10)}m_{003}^{(10)}+4m_{100}^{(21)}m_{110}^{(20)}m_{111}^{(21)}-2m_{100}^{(21)}m_{110}^{(20)}m_{021}^{(20)}\\
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&+2m_{100}^{(21)}m_{101}^{(11)}m_{102}^{(10)}-4m_{100}^{(21)}m_{101}^{(20)}m_{120}^{(21)}+2m_{100}^{(21)}m_{101}^{(20)}m_{030}^{(20)}+2m_{100}^{(21)}m_{101}^{(20)}m_{021}^{(10)}\\
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&-2m_{100}^{(22)}m_{101}^{(20)}m_{030}^{(10)}-2m_{100}^{(22)}m_{101}^{(21)}m_{210}^{(11)}+2m_{100}^{(22)}m_{101}^{(21)}m_{120}^{(10)}-m_{100}^{(22)}m_{020}^{(00)}m_{102}^{(11)}\\
&+m_{100}^{(22)}m_{020}^{(00)}m_{012}^{(10)}+2m_{100}^{(22)}m_{020}^{(20)}m_{201}^{(11)}-2m_{100}^{(22)}m_{020}^{(20)}m_{111}^{(10)}-m_{100}^{(22)}m_{020}^{(22)}m_{300}^{(11)}\\
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&+m_{010}^{(00)}m_{200}^{(22)}m_{021}^{(21)} + 2m_{010}^{(00)}m_{110}^{(10)}m_{012}^{(22)} - 2m_{010}^{(00)}m_{110}^{(10)}m_{003}^{(21)} - 2m_{010}^{(00)}m_{110}^{(20)}m_{021}^{(22)}\\
&+2m_{010}^{(00)}m_{110}^{(20)}m_{012}^{(21)} - 2m_{010}^{(00)}m_{110}^{(21)}m_{111}^{(22)} + 2m_{010}^{(00)}m_{110}^{(21)}m_{102}^{(21)} + 2m_{010}^{(00)}m_{110}^{(22)}m_{120}^{(22)}\\
&-2m_{010}^{(00)}m_{110}^{(22)}m_{111}^{(21)} - 2m_{010}^{(00)}m_{101}^{(10)}m_{021}^{(22)} + 2m_{010}^{(00)}m_{101}^{(10)}m_{012}^{(21)} + 2m_{010}^{(00)}m_{101}^{(11)}m_{111}^{(22)}\\
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&+2m_{010}^{(00)}m_{101}^{(21)}m_{111}^{(21)} - m_{010}^{(00)}m_{020}^{(00)}m_{012}^{(22)} + m_{010}^{(00)}m_{020}^{(00)}m_{003}^{(21)} + 2m_{010}^{(00)}m_{020}^{(20)}m_{111}^{(22)}\\
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&+2m_{010}^{(00)}m_{011}^{(20)}m_{111}^{(21)} + 2m_{010}^{(00)}m_{011}^{(21)}m_{210}^{(22)} - 2m_{010}^{(00)}m_{011}^{(21)}m_{201}^{(21)} - m_{010}^{(00)}m_{002}^{(00)}m_{030}^{(22)}\\
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&+2m_{010}^{(10)}m_{101}^{(20)}m_{021}^{(20)} + 2m_{010}^{(10)}m_{101}^{(21)}m_{210}^{(22)} - 2m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(20)} + m_{010}^{(10)}m_{020}^{(00)}m_{102}^{(22)}\\
&-m_{010}^{(10)}m_{020}^{(00)}m_{003}^{(20)} - 2m_{010}^{(10)}m_{020}^{(20)}m_{201}^{(22)} + 2m_{010}^{(10)}m_{020}^{(20)}m_{102}^{(22)} + m_{010}^{(10)}m_{020}^{(22)}m_{300}^{(22)}\\
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&+2m_{010}^{(10)}m_{011}^{(21)}m_{201}^{(20)} + m_{010}^{(10)}m_{002}^{(00)}m_{120}^{(22)} - m_{010}^{(10)}m_{002}^{(00)}m_{021}^{(20)} - 2m_{010}^{(10)}m_{002}^{(10)}m_{210}^{(22)}\\
&+2m_{010}^{(10)}m_{002}^{(10)}m_{111}^{(20)} + m_{010}^{(10)}m_{002}^{(11)}m_{300}^{(22)} - m_{010}^{(10)}m_{002}^{(11)}m_{201}^{(20)} - m_{010}^{(20)}m_{200}^{(11)}m_{102}^{(21)}\\
&+2m_{010}^{(20)}m_{200}^{(11)}m_{012}^{(20)} - m_{010}^{(20)}m_{200}^{(11)}m_{003}^{(10)} + 2m_{010}^{(20)}m_{200}^{(21)}m_{111}^{(21)} - 4m_{010}^{(20)}m_{200}^{(21)}m_{021}^{(20)}\\
&+2m_{010}^{(20)}m_{200}^{(21)}m_{012}^{(10)} - m_{010}^{(20)}m_{200}^{(22)}m_{120}^{(21)} + 2m_{010}^{(20)}m_{200}^{(22)}m_{030}^{(20)} - m_{010}^{(20)}m_{200}^{(22)}m_{021}^{(10)}\\
&+2m_{010}^{(20)}m_{110}^{(10)}m_{102}^{(21)} - 4m_{010}^{(20)}m_{110}^{(10)}m_{012}^{(20)} + 2m_{010}^{(20)}m_{110}^{(10)}m_{003}^{(10)} - 2m_{010}^{(20)}m_{110}^{(20)}m_{111}^{(21)}\\
&+4m_{010}^{(20)}m_{110}^{(20)}m_{021}^{(20)} - 2m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(10)} - 2m_{010}^{(20)}m_{110}^{(21)}m_{201}^{(21)} + 4m_{010}^{(20)}m_{110}^{(21)}m_{111}^{(20)}\\
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&-4m_{010}^{(20)}m_{101}^{(11)}m_{111}^{(20)} + 2m_{010}^{(20)}m_{101}^{(11)}m_{102}^{(10)} + 2m_{010}^{(20)}m_{101}^{(20)}m_{120}^{(21)} - 4m_{010}^{(20)}m_{101}^{(20)}m_{030}^{(20)}\\
&+2m_{010}^{(20)}m_{101}^{(20)}m_{021}^{(10)} - 2m_{010}^{(20)}m_{101}^{(21)}m_{210}^{(21)} + 4m_{010}^{(20)}m_{101}^{(21)}m_{120}^{(20)} - 2m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(10)}\\
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&-m_{010}^{(20)}m_{020}^{(22)}m_{201}^{(10)} + 2m_{010}^{(20)}m_{011}^{(00)}m_{111}^{(21)} - 4m_{010}^{(20)}m_{011}^{(00)}m_{021}^{(20)} + 2m_{010}^{(20)}m_{011}^{(00)}m_{012}^{(10)}\\
&-2m_{010}^{(20)}m_{011}^{(10)}m_{201}^{(21)} + 4m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(20)} - 2m_{010}^{(20)}m_{011}^{(10)}m_{102}^{(10)} - 2m_{010}^{(20)}m_{011}^{(20)}m_{210}^{(21)}\\
&+4m_{010}^{(20)}m_{011}^{(20)}m_{120}^{(20)} - 2m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(10)} + 2m_{010}^{(20)}m_{011}^{(21)}m_{300}^{(21)} - 4m_{010}^{(20)}m_{011}^{(21)}m_{210}^{(20)}\\
&+2m_{010}^{(20)}m_{011}^{(21)}m_{201}^{(10)} - m_{010}^{(20)}m_{002}^{(00)}m_{120}^{(21)} + 2m_{010}^{(20)}m_{002}^{(00)}m_{030}^{(20)} - m_{010}^{(20)}m_{002}^{(00)}m_{021}^{(10)}
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&+2m_{010}^{(20)}m_{002}^{(10)}m_{210}^{(21)} - 4m_{010}^{(20)}m_{002}^{(10)}m_{120}^{(20)} + 2m_{010}^{(20)}m_{002}^{(10)}m_{111}^{(10)} - m_{010}^{(20)}m_{002}^{(11)}m_{300}^{(21)}\\
&+2m_{010}^{(20)}m_{002}^{(11)}m_{210}^{(20)} - m_{010}^{(20)}m_{002}^{(11)}m_{201}^{(10)} - m_{010}^{(21)}m_{200}^{(11)}m_{102}^{(20)} + m_{010}^{(21)}m_{200}^{(11)}m_{003}^{(00)}\\
&+2m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(20)} - 2m_{010}^{(21)}m_{200}^{(21)}m_{012}^{(00)} - m_{010}^{(21)}m_{200}^{(22)}m_{120}^{(20)} + m_{010}^{(21)}m_{200}^{(22)}m_{021}^{(00)}\\
&+2m_{010}^{(21)}m_{110}^{(10)}m_{102}^{(20)} - 2m_{010}^{(21)}m_{110}^{(10)}m_{003}^{(00)} - 2m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(20)} + 2m_{010}^{(21)}m_{110}^{(20)}m_{012}^{(00)}\\
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&+2m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(20)} - 2m_{010}^{(21)}m_{101}^{(20)}m_{021}^{(00)} - 2m_{010}^{(21)}m_{101}^{(21)}m_{210}^{(20)} + 2m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(00)}\\
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&+m_{010}^{(22)}m_{200}^{(11)}m_{102}^{(10)} - m_{010}^{(22)}m_{200}^{(11)}m_{012}^{(00)} - 2m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(10)} + 2m_{010}^{(22)}m_{200}^{(21)}m_{021}^{(00)}\\
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&+2m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(10)} - 2m_{010}^{(22)}m_{011}^{(20)}m_{120}^{(00)} - 2m_{010}^{(22)}m_{011}^{(21)}m_{300}^{(10)} + 2m_{010}^{(22)}m_{011}^{(21)}m_{210}^{(00)}\\
&+m_{010}^{(22)}m_{002}^{(00)}m_{120}^{(10)} - m_{010}^{(22)}m_{002}^{(00)}m_{030}^{(00)} - 2m_{010}^{(22)}m_{002}^{(10)}m_{210}^{(10)} + 2m_{010}^{(22)}m_{002}^{(10)}m_{120}^{(00)}\\
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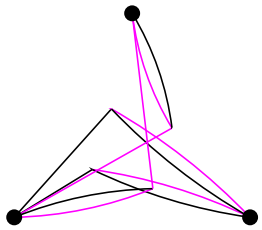
&-2m_{001}^{(00)}m_{200}^{(21)}m_{021}^{(21)} + 2m_{001}^{(00)}m_{200}^{(21)}m_{012}^{(11)} + m_{001}^{(00)}m_{200}^{(22)}m_{030}^{(21)} - m_{001}^{(00)}m_{200}^{(22)}m_{021}^{(11)}\\
&-2m_{001}^{(00)}m_{110}^{(10)}m_{012}^{(21)} + 2m_{001}^{(00)}m_{110}^{(10)}m_{003}^{(11)} + 2m_{001}^{(00)}m_{110}^{(20)}m_{021}^{(21)} - 2m_{001}^{(00)}m_{110}^{(20)}m_{012}^{(11)}\\
&+2m_{001}^{(00)}m_{110}^{(21)}m_{111}^{(21)} - 2m_{001}^{(00)}m_{110}^{(21)}m_{102}^{(11)} - 2m_{001}^{(00)}m_{110}^{(22)}m_{120}^{(21)} + 2m_{001}^{(00)}m_{110}^{(22)}m_{111}^{(11)}\\
&+2m_{001}^{(00)}m_{101}^{(10)}m_{021}^{(21)} - 2m_{001}^{(00)}m_{101}^{(10)}m_{012}^{(11)} - 2m_{001}^{(00)}m_{101}^{(11)}m_{111}^{(21)} + 2m_{001}^{(00)}m_{101}^{(11)}m_{102}^{(11)}\\
&-2m_{001}^{(00)}m_{101}^{(20)}m_{030}^{(21)} + 2m_{001}^{(00)}m_{101}^{(20)}m_{021}^{(11)} + 2m_{001}^{(00)}m_{101}^{(21)}m_{120}^{(21)} - 2m_{001}^{(00)}m_{101}^{(21)}m_{111}^{(11)}\\
&+m_{001}^{(00)}m_{020}^{(00)}m_{012}^{(21)} - m_{001}^{(00)}m_{020}^{(00)}m_{003}^{(11)} - 2m_{001}^{(00)}m_{020}^{(20)}m_{111}^{(21)} + 2m_{001}^{(00)}m_{020}^{(20)}m_{102}^{(11)}\\
&+m_{001}^{(00)}m_{020}^{(22)}m_{210}^{(21)} - m_{001}^{(00)}m_{020}^{(22)}m_{201}^{(11)} - 2m_{001}^{(00)}m_{011}^{(00)}m_{021}^{(21)} + 2m_{001}^{(00)}m_{011}^{(00)}m_{012}^{(11)}\\
&+2m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(21)} - 2m_{001}^{(00)}m_{011}^{(10)}m_{102}^{(11)} + 2m_{001}^{(00)}m_{011}^{(20)}m_{120}^{(21)} - 2m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(11)}\\
&-2m_{001}^{(00)}m_{011}^{(21)}m_{210}^{(21)} + 2m_{001}^{(00)}m_{011}^{(21)}m_{201}^{(11)} + m_{001}^{(00)}m_{002}^{(00)}m_{030}^{(21)} - m_{001}^{(00)}m_{002}^{(00)}m_{021}^{(11)}\\
&-2m_{001}^{(00)}m_{002}^{(10)}m_{120}^{(21)} + 2m_{001}^{(00)}m_{002}^{(10)}m_{111}^{(11)} + m_{001}^{(00)}m_{002}^{(11)}m_{210}^{(21)} - m_{001}^{(00)}m_{002}^{(11)}m_{201}^{(11)}\\
&-m_{001}^{(10)}m_{200}^{(11)}m_{102}^{(21)} - m_{001}^{(10)}m_{200}^{(11)}m_{012}^{(20)} + 2m_{001}^{(10)}m_{200}^{(11)}m_{003}^{(10)} + 2m_{001}^{(10)}m_{200}^{(21)}m_{111}^{(21)}\\
&+2m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(20)} - 4m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(10)} - m_{001}^{(10)}m_{200}^{(22)}m_{120}^{(21)} - m_{001}^{(10)}m_{200}^{(22)}m_{030}^{(20)}\\
&+2m_{001}^{(10)}m_{200}^{(22)}m_{021}^{(10)} + 2m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(21)} + 2m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(20)} - 4m_{001}^{(10)}m_{110}^{(10)}m_{003}^{(10)}\\
&-2m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(21)} - 2m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(20)} + 4m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(10)} - 2m_{001}^{(10)}m_{110}^{(21)}m_{201}^{(21)}\\
&-2m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(20)} + 4m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(10)} + 2m_{001}^{(10)}m_{110}^{(22)}m_{210}^{(21)} + 2m_{001}^{(10)}m_{110}^{(22)}m_{120}^{(20)}
\end{aligned}
$$

$$
\begin{aligned}
&-4m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(10)} - 2m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(21)} - 2m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(20)} + 4m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(10)} \\
&+2m_{001}^{(10)}m_{101}^{(11)}m_{201}^{(21)} + 2m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(20)} - 4m_{001}^{(10)}m_{101}^{(11)}m_{102}^{(10)} + 2m_{001}^{(10)}m_{101}^{(20)}m_{120}^{(21)} \\
&+2m_{001}^{(10)}m_{101}^{(20)}m_{030}^{(20)} - 4m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(10)} - 2m_{001}^{(10)}m_{101}^{(21)}m_{210}^{(21)} - 2m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(20)} \\
&+4m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(10)} - m_{001}^{(10)}m_{020}^{(00)}m_{102}^{(21)} - m_{001}^{(10)}m_{020}^{(00)}m_{012}^{(20)} + 2m_{001}^{(10)}m_{020}^{(00)}m_{003}^{(10)} \\
&+2m_{001}^{(10)}m_{020}^{(20)}m_{201}^{(21)} + 2m_{001}^{(10)}m_{020}^{(20)}m_{111}^{(20)} - 4m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(10)} - m_{001}^{(10)}m_{020}^{(22)}m_{300}^{(21)} \\
&-m_{001}^{(10)}m_{020}^{(22)}m_{210}^{(20)} + 2m_{001}^{(10)}m_{020}^{(22)}m_{201}^{(10)} + 2m_{001}^{(10)}m_{011}^{(00)}m_{111}^{(21)} + 2m_{001}^{(10)}m_{011}^{(00)}m_{021}^{(20)} \\
&-4m_{001}^{(10)}m_{011}^{(00)}m_{012}^{(10)} - 2m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(21)} - 2m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(20)} + 4m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(10)} \\
&-2m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(21)} - 2m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(20)} + 4m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(10)} + 2m_{001}^{(10)}m_{011}^{(21)}m_{300}^{(21)} \\
&+2m_{001}^{(10)}m_{011}^{(21)}m_{210}^{(20)} - 4m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(10)} - m_{001}^{(10)}m_{002}^{(00)}m_{120}^{(21)} - m_{001}^{(10)}m_{002}^{(00)}m_{030}^{(20)} \\
&+2m_{001}^{(10)}m_{002}^{(00)}m_{021}^{(10)} + 2m_{001}^{(10)}m_{002}^{(10)}m_{210}^{(21)} + 2m_{001}^{(10)}m_{002}^{(10)}m_{120}^{(20)} - 4m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(10)} \\
&-m_{001}^{(10)}m_{002}^{(11)}m_{300}^{(21)} - m_{001}^{(10)}m_{002}^{(11)}m_{210}^{(20)} + 2m_{001}^{(10)}m_{002}^{(11)}m_{201}^{(10)} + m_{001}^{(11)}m_{200}^{(11)}m_{102}^{(20)} \\
&-m_{001}^{(11)}m_{200}^{(11)}m_{003}^{(00)} - 2m_{001}^{(11)}m_{200}^{(21)}m_{111}^{(20)} + 2m_{001}^{(11)}m_{200}^{(21)}m_{012}^{(00)} + m_{001}^{(11)}m_{200}^{(22)}m_{120}^{(20)} \\
&-m_{001}^{(11)}m_{200}^{(22)}m_{021}^{(00)} - 2m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(20)} + 2m_{001}^{(11)}m_{110}^{(10)}m_{003}^{(20)} + 2m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(20)} \\
&-2m_{001}^{(11)}m_{110}^{(20)}m_{012}^{(00)} + 2m_{001}^{(11)}m_{110}^{(21)}m_{201}^{(20)} - 2m_{001}^{(11)}m_{110}^{(21)}m_{102}^{(00)} - 2m_{001}^{(11)}m_{110}^{(22)}m_{210}^{(20)} \\
&+2m_{001}^{(11)}m_{110}^{(22)}m_{111}^{(00)} + 2m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(20)} - 2m_{001}^{(11)}m_{101}^{(10)}m_{012}^{(00)} - 2m_{001}^{(11)}m_{101}^{(11)}m_{201}^{(20)} \\
&+2m_{001}^{(11)}m_{101}^{(11)}m_{102}^{(00)} - 2m_{001}^{(11)}m_{101}^{(20)}m_{120}^{(20)} + 2m_{001}^{(11)}m_{101}^{(20)}m_{021}^{(00)} + 2m_{001}^{(11)}m_{101}^{(21)}m_{210}^{(20)} \\
&-2m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(00)} + m_{001}^{(11)}m_{020}^{(00)}m_{102}^{(20)} - m_{001}^{(11)}m_{020}^{(00)}m_{003}^{(00)} - 2m_{001}^{(11)}m_{020}^{(20)}m_{201}^{(20)} \\
&+2m_{001}^{(11)}m_{020}^{(20)}m_{102}^{(00)} + m_{001}^{(11)}m_{020}^{(22)}m_{300}^{(20)} - m_{001}^{(11)}m_{020}^{(22)}m_{201}^{(00)} - 2m_{001}^{(11)}m_{011}^{(00)}m_{111}^{(20)} \\
&+2m_{001}^{(11)}m_{011}^{(00)}m_{012}^{(00)} + 2m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(20)} - 2m_{001}^{(11)}m_{011}^{(10)}m_{102}^{(00)} + 2m_{001}^{(11)}m_{011}^{(20)}m_{210}^{(20)} \\
&-2m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(00)} - 2m_{001}^{(11)}m_{011}^{(21)}m_{300}^{(20)} + 2m_{001}^{(11)}m_{011}^{(21)}m_{201}^{(00)} + m_{001}^{(11)}m_{002}^{(00)}m_{120}^{(20)} \\
&-m_{001}^{(11)}m_{002}^{(00)}m_{021}^{(00)} - 2m_{001}^{(11)}m_{002}^{(10)}m_{210}^{(20)} + 2m_{001}^{(11)}m_{002}^{(10)}m_{111}^{(00)} + m_{001}^{(11)}m_{002}^{(11)}m_{300}^{(20)} \\
&-m_{001}^{(11)}m_{002}^{(11)}m_{201}^{(00)} + m_{001}^{(20)}m_{200}^{(11)}m_{102}^{(11)} - m_{001}^{(20)}m_{200}^{(11)}m_{012}^{(10)} - 2m_{001}^{(20)}m_{200}^{(21)}m_{111}^{(11)} \\
&+2m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(10)} + m_{001}^{(20)}m_{200}^{(22)}m_{120}^{(11)} - m_{001}^{(20)}m_{200}^{(22)}m_{030}^{(10)} - 2m_{001}^{(20)}m_{110}^{(10)}m_{102}^{(11)} \\
&+2m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(10)} + 2m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(11)} - 2m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(10)} + 2m_{001}^{(20)}m_{110}^{(21)}m_{201}^{(11)} \\
&-2m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(10)} - 2m_{001}^{(20)}m_{110}^{(22)}m_{210}^{(11)} + 2m_{001}^{(20)}m_{110}^{(22)}m_{120}^{(10)} + 2m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(11)} \\
&-2m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(10)} - 2m_{001}^{(20)}m_{101}^{(11)}m_{201}^{(11)} + 2m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(10)} - 2m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(11)} \\
&+2m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(10)} + 2m_{001}^{(20)}m_{101}^{(21)}m_{210}^{(11)} - 2m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(10)} + m_{001}^{(20)}m_{020}^{(00)}m_{102}^{(11)} \\
&-m_{001}^{(20)}m_{020}^{(00)}m_{012}^{(10)} - 2m_{001}^{(20)}m_{020}^{(20)}m_{201}^{(11)} + 2m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(10)} + m_{001}^{(20)}m_{020}^{(22)}m_{300}^{(11)} \\
&-m_{001}^{(20)}m_{020}^{(22)}m_{210}^{(10)} - 2m_{001}^{(20)}m_{011}^{(00)}m_{111}^{(11)} + 2m_{001}^{(20)}m_{011}^{(00)}m_{021}^{(10)} + 2m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(11)} \\
&-2m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(10)} + 2m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(11)} - 2m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(10)} - 2m_{001}^{(20)}m_{011}^{(21)}m_{300}^{(11)} \\
&+2m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(10)} + m_{001}^{(20)}m_{002}^{(00)}m_{120}^{(11)} - m_{001}^{(20)}m_{002}^{(00)}m_{030}^{(10)} - 2m_{001}^{(20)}m_{002}^{(10)}m_{210}^{(11)} \\
&+2m_{001}^{(20)}m_{002}^{(10)}m_{120}^{(10)} + m_{001}^{(20)}m_{002}^{(11)}m_{300}^{(11)} - m_{001}^{(20)}m_{002}^{(11)}m_{210}^{(10)} - m_{001}^{(21)}m_{200}^{(11)}m_{102}^{(10)} \\
&+m_{001}^{(21)}m_{200}^{(11)}m_{012}^{(00)} + 2m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(10)} - 2m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(00)} - m_{001}^{(21)}m_{200}^{(22)}m_{120}^{(10)} \\
&+m_{001}^{(21)}m_{200}^{(22)}m_{030}^{(00)} + 2m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(10)} - 2m_{001}^{(21)}m_{110}^{(10)}m_{012}^{(00)} - 2m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(10)} \\
&+2m_{001}^{(21)}m_{110}^{(20)}m_{021}^{(00)} - 2m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(10)} + 2m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(00)} + 2m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(10)} \\
&-2m_{001}^{(21)}m_{110}^{(22)}m_{120}^{(00)} - 2m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(10)} + 2m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(00)} + 2m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(10)} \\
&-2m_{001}^{(21)}m_{101}^{(11)}m_{111}^{(00)} + 2m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(10)} - 2m_{001}^{(21)}m_{101}^{(20)}m_{030}^{(00)} - 2m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(10)} \\
&+2m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(00)} - m_{001}^{(21)}m_{020}^{(00)}m_{102}^{(10)} + m_{001}^{(21)}m_{020}^{(00)}m_{012}^{(00)} + 2m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(10)}
\end{aligned}
$$

$$
\begin{array}{l}
-2m_{001}^{(21)}m_{020}^{(20)}m_{111}^{(00)} - m_{001}^{(21)}m_{020}^{(22)}m_{300}^{(10)} + m_{001}^{(21)}m_{020}^{(22)}m_{210}^{(00)} + 2m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(10)} \\
-2m_{001}^{(21)}m_{011}^{(00)}m_{021}^{(00)} - 2m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(10)} + 2m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(00)} - 2m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(10)} \\
+2m_{001}^{(21)}m_{011}^{(20)}m_{120}^{(00)} + 2m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(10)} - 2m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(00)} - m_{001}^{(21)}m_{002}^{(00)}m_{120}^{(10)} \\
+m_{001}^{(21)}m_{002}^{(00)}m_{030}^{(00)} + 2m_{001}^{(21)}m_{002}^{(10)}m_{210}^{(10)} - 2m_{001}^{(21)}m_{002}^{(10)}m_{120}^{(00)} - m_{001}^{(21)}m_{002}^{(11)}m_{300}^{(10)} \\
+m_{001}^{(21)}m_{002}^{(11)}m_{210}^{(00)}
\end{array}
$$

Generating graph:

$$
\begin{array}{rrrr}
V1 & V1 & 1 & 1 \\
1 & V2 & V3 & V3 \\
V2 & 2 & 3 & 3
\end{array}
$$



$$
\begin{array}{rcl}
T_{78} & = & -m_{100}^{(10)}m_{200}^{(11)}m_{012}^{(22)} + m_{100}^{(10)}m_{200}^{(11)}m_{003}^{(21)} + m_{100}^{(10)}m_{200}^{(21)}m_{021}^{(22)} - m_{100}^{(10)}m_{200}^{(21)}m_{003}^{(11)} \\
 & & -m_{100}^{(10)}m_{200}^{(22)}m_{021}^{(21)} + m_{100}^{(10)}m_{200}^{(22)}m_{012}^{(11)} + m_{100}^{(10)}m_{110}^{(10)}m_{012}^{(22)} - m_{100}^{(10)}m_{110}^{(10)}m_{003}^{(21)} \\
 & & +m_{100}^{(10)}m_{110}^{(11)}m_{102}^{(22)} - m_{100}^{(10)}m_{110}^{(11)}m_{003}^{(20)} - m_{100}^{(10)}m_{110}^{(20)}m_{021}^{(22)} + m_{100}^{(10)}m_{110}^{(20)}m_{012}^{(21)} \\
 & & -m_{100}^{(10)}m_{110}^{(21)}m_{111}^{(22)} - m_{100}^{(10)}m_{110}^{(21)}m_{102}^{(21)} + 2m_{100}^{(10)}m_{110}^{(21)}m_{003}^{(10)} + m_{100}^{(10)}m_{110}^{(22)}m_{111}^{(21)} \\
 & & +m_{100}^{(10)}m_{110}^{(22)}m_{021}^{(20)} - 2m_{100}^{(10)}m_{110}^{(22)}m_{012}^{(10)} - m_{100}^{(10)}m_{101}^{(10)}m_{012}^{(21)} + m_{100}^{(10)}m_{101}^{(10)}m_{003}^{(11)} \\
 & & -m_{100}^{(10)}m_{101}^{(11)}m_{102}^{(21)} + 2m_{100}^{(10)}m_{101}^{(11)}m_{012}^{(20)} - m_{100}^{(10)}m_{101}^{(11)}m_{003}^{(10)} + m_{100}^{(10)}m_{101}^{(20)}m_{021}^{(21)} \\
 & & -m_{100}^{(10)}m_{101}^{(20)}m_{012}^{(11)} + m_{100}^{(10)}m_{101}^{(21)}m_{111}^{(21)} + m_{100}^{(10)}m_{101}^{(21)}m_{102}^{(11)} - 2m_{100}^{(10)}m_{101}^{(21)}m_{021}^{(20)} \\
 & & -m_{100}^{(10)}m_{101}^{(22)}m_{111}^{(11)} + m_{100}^{(10)}m_{101}^{(22)}m_{021}^{(10)} - m_{100}^{(10)}m_{020}^{(10)}m_{102}^{(22)} + m_{100}^{(10)}m_{020}^{(10)}m_{003}^{(20)} \\
 & & +m_{100}^{(10)}m_{020}^{(20)}m_{111}^{(22)} - m_{100}^{(10)}m_{020}^{(20)}m_{012}^{(20)} + m_{100}^{(10)}m_{020}^{(21)}m_{102}^{(20)} - m_{100}^{(10)}m_{020}^{(21)}m_{003}^{(00)} \\
 & & -m_{100}^{(10)}m_{020}^{(22)}m_{111}^{(20)} + m_{100}^{(10)}m_{020}^{(22)}m_{012}^{(00)} + 2m_{100}^{(10)}m_{011}^{(10)}m_{102}^{(21)} - m_{100}^{(10)}m_{011}^{(10)}m_{012}^{(20)} \\
 & & -m_{100}^{(10)}m_{011}^{(10)}m_{003}^{(10)} - m_{100}^{(10)}m_{011}^{(11)}m_{102}^{(20)} + m_{100}^{(10)}m_{011}^{(11)}m_{003}^{(00)} - 2m_{100}^{(10)}m_{011}^{(20)}m_{111}^{(21)} \\
 & & +m_{100}^{(10)}m_{011}^{(20)}m_{021}^{(20)} + m_{100}^{(10)}m_{011}^{(20)}m_{012}^{(10)} + m_{100}^{(10)}m_{011}^{(21)}m_{111}^{(20)} - m_{100}^{(10)}m_{011}^{(21)}m_{102}^{(10)} \\
 & & +m_{100}^{(10)}m_{011}^{(22)}m_{111}^{(10)} - m_{100}^{(10)}m_{011}^{(22)}m_{021}^{(00)} - m_{100}^{(10)}m_{002}^{(10)}m_{102}^{(11)} + m_{100}^{(10)}m_{002}^{(10)}m_{012}^{(10)} \\
 & & +m_{100}^{(10)}m_{002}^{(11)}m_{102}^{(10)} - m_{100}^{(10)}m_{002}^{(11)}m_{012}^{(00)} + m_{100}^{(10)}m_{002}^{(20)}m_{111}^{(11)} - m_{100}^{(10)}m_{002}^{(20)}m_{021}^{(10)} \\
 & & -m_{100}^{(10)}m_{002}^{(21)}m_{111}^{(10)} + m_{100}^{(10)}m_{002}^{(21)}m_{021}^{(00)} + m_{100}^{(11)}m_{200}^{(10)}m_{012}^{(22)} - m_{100}^{(11)}m_{200}^{(10)}m_{003}^{(21)} \\
 & & -m_{100}^{(11)}m_{200}^{(20)}m_{012}^{(21)} + m_{100}^{(11)}m_{200}^{(20)}m_{003}^{(11)} - m_{100}^{(11)}m_{200}^{(21)}m_{111}^{(22)} + m_{100}^{(11)}m_{200}^{(21)}m_{102}^{(21)} \\
 & & +m_{100}^{(11)}m_{200}^{(22)}m_{111}^{(21)} - m_{100}^{(11)}m_{200}^{(22)}m_{102}^{(11)} - m_{100}^{(11)}m_{110}^{(00)}m_{012}^{(22)} + m_{100}^{(11)}m_{110}^{(00)}m_{003}^{(21)} \\
 & & -m_{100}^{(11)}m_{110}^{(10)}m_{102}^{(22)} + m_{100}^{(11)}m_{110}^{(10)}m_{003}^{(20)} + m_{100}^{(11)}m_{110}^{(20)}m_{111}^{(22)} + m_{100}^{(11)}m_{110}^{(20)}m_{012}^{(20)}
\end{array}
$$

$$
\begin{aligned}
&-2m_{100}^{(11)}m_{110}^{(20)}m_{003}^{(10)}+m_{100}^{(11)}m_{110}^{(21)}m_{201}^{(22)}-m_{100}^{(11)}m_{110}^{(21)}m_{102}^{(20)}-m_{100}^{(11)}m_{110}^{(22)}m_{201}^{(21)}\\
&-m_{100}^{(11)}m_{110}^{(22)}m_{111}^{(20)}+2m_{100}^{(11)}m_{110}^{(22)}m_{102}^{(10)}+m_{100}^{(11)}m_{101}^{(00)}m_{012}^{(21)}-m_{100}^{(11)}m_{101}^{(00)}m_{003}^{(11)}\\
&+m_{100}^{(11)}m_{101}^{(10)}m_{102}^{(21)}-2m_{100}^{(11)}m_{101}^{(10)}m_{012}^{(20)}+m_{100}^{(11)}m_{101}^{(10)}m_{003}^{(10)}-m_{100}^{(11)}m_{101}^{(20)}m_{111}^{(21)}\\
&+m_{100}^{(11)}m_{101}^{(20)}m_{012}^{(10)}-m_{100}^{(11)}m_{101}^{(21)}m_{201}^{(21)}+2m_{100}^{(11)}m_{101}^{(21)}m_{111}^{(20)}-m_{100}^{(11)}m_{101}^{(21)}m_{102}^{(10)}\\
&+m_{100}^{(11)}m_{101}^{(22)}m_{201}^{(11)}-m_{100}^{(11)}m_{101}^{(22)}m_{111}^{(10)}+m_{100}^{(11)}m_{020}^{(00)}m_{102}^{(22)}-m_{100}^{(11)}m_{020}^{(00)}m_{003}^{(20)}\\
&-m_{100}^{(11)}m_{020}^{(20)}m_{201}^{(22)}+m_{100}^{(11)}m_{020}^{(20)}m_{003}^{(00)}+m_{100}^{(11)}m_{020}^{(22)}m_{201}^{(20)}-m_{100}^{(11)}m_{020}^{(22)}m_{102}^{(00)}\\
&-2m_{100}^{(11)}m_{011}^{(00)}m_{102}^{(21)}+m_{100}^{(11)}m_{011}^{(00)}m_{012}^{(20)}+m_{100}^{(11)}m_{011}^{(00)}m_{003}^{(10)}+m_{100}^{(11)}m_{011}^{(10)}m_{102}^{(20)}\\
&-m_{100}^{(11)}m_{011}^{(10)}m_{003}^{(00)}+2m_{100}^{(11)}m_{011}^{(20)}m_{201}^{(21)}-m_{100}^{(11)}m_{011}^{(20)}m_{111}^{(20)}-m_{100}^{(11)}m_{011}^{(20)}m_{012}^{(00)}\\
&-m_{100}^{(11)}m_{011}^{(21)}m_{201}^{(20)}+m_{100}^{(11)}m_{011}^{(21)}m_{102}^{(00)}-m_{100}^{(11)}m_{011}^{(22)}m_{201}^{(10)}+m_{100}^{(11)}m_{011}^{(22)}m_{111}^{(00)}\\
&+m_{100}^{(11)}m_{002}^{(00)}m_{102}^{(11)}-m_{100}^{(11)}m_{002}^{(00)}m_{012}^{(10)}-m_{100}^{(11)}m_{002}^{(10)}m_{102}^{(10)}+m_{100}^{(11)}m_{002}^{(10)}m_{012}^{(00)}\\
&-m_{100}^{(11)}m_{002}^{(20)}m_{201}^{(11)}+m_{100}^{(11)}m_{002}^{(20)}m_{111}^{(10)}+m_{100}^{(11)}m_{002}^{(21)}m_{201}^{(10)}-m_{100}^{(11)}m_{002}^{(21)}m_{111}^{(00)}\\
&+m_{100}^{(20)}m_{200}^{(11)}m_{021}^{(22)}-m_{100}^{(20)}m_{200}^{(11)}m_{012}^{(21)}-m_{100}^{(20)}m_{200}^{(21)}m_{030}^{(22)}+m_{100}^{(20)}m_{200}^{(21)}m_{012}^{(11)}\\
&+m_{100}^{(20)}m_{200}^{(22)}m_{030}^{(21)}-m_{100}^{(20)}m_{200}^{(22)}m_{021}^{(11)}-m_{100}^{(20)}m_{110}^{(10)}m_{021}^{(22)}+m_{100}^{(20)}m_{110}^{(10)}m_{012}^{(21)}\\
&-m_{100}^{(20)}m_{110}^{(11)}m_{111}^{(22)}+m_{100}^{(20)}m_{110}^{(11)}m_{012}^{(20)}+m_{100}^{(20)}m_{110}^{(20)}m_{030}^{(22)}-m_{100}^{(20)}m_{110}^{(20)}m_{021}^{(21)}\\
&+m_{100}^{(20)}m_{110}^{(21)}m_{120}^{(22)}+m_{100}^{(20)}m_{110}^{(21)}m_{111}^{(21)}-2m_{100}^{(20)}m_{110}^{(21)}m_{012}^{(10)}-m_{100}^{(20)}m_{110}^{(22)}m_{120}^{(21)}\\
&-m_{100}^{(20)}m_{110}^{(22)}m_{030}^{(20)}+2m_{100}^{(20)}m_{110}^{(22)}m_{021}^{(10)}+m_{100}^{(20)}m_{101}^{(10)}m_{021}^{(21)}-m_{100}^{(20)}m_{101}^{(10)}m_{012}^{(11)}\\
&+m_{100}^{(20)}m_{101}^{(11)}m_{111}^{(21)}-2m_{100}^{(20)}m_{101}^{(11)}m_{021}^{(20)}+m_{100}^{(20)}m_{101}^{(11)}m_{012}^{(10)}-m_{100}^{(20)}m_{101}^{(20)}m_{030}^{(21)}\\
&+m_{100}^{(20)}m_{101}^{(20)}m_{021}^{(11)}-m_{100}^{(20)}m_{101}^{(21)}m_{120}^{(21)}-m_{100}^{(20)}m_{101}^{(21)}m_{111}^{(11)}+2m_{100}^{(20)}m_{101}^{(21)}m_{030}^{(20)}\\
&+m_{100}^{(20)}m_{101}^{(22)}m_{120}^{(11)}-m_{100}^{(20)}m_{101}^{(22)}m_{030}^{(10)}+m_{100}^{(20)}m_{020}^{(10)}m_{111}^{(22)}-m_{100}^{(20)}m_{020}^{(10)}m_{012}^{(20)}\\
&-m_{100}^{(20)}m_{020}^{(20)}m_{120}^{(22)}+m_{100}^{(20)}m_{020}^{(20)}m_{021}^{(20)}-m_{100}^{(20)}m_{020}^{(21)}m_{111}^{(20)}+m_{100}^{(20)}m_{020}^{(21)}m_{012}^{(00)}\\
&+m_{100}^{(20)}m_{020}^{(22)}m_{120}^{(20)}-m_{100}^{(20)}m_{020}^{(22)}m_{021}^{(00)}-2m_{100}^{(20)}m_{011}^{(10)}m_{111}^{(21)}+m_{100}^{(20)}m_{011}^{(10)}m_{021}^{(20)}\\
&+m_{100}^{(20)}m_{011}^{(10)}m_{012}^{(10)}+m_{100}^{(20)}m_{011}^{(11)}m_{111}^{(20)}-m_{100}^{(20)}m_{011}^{(11)}m_{012}^{(00)}+2m_{100}^{(20)}m_{011}^{(20)}m_{120}^{(21)}\\
&-m_{100}^{(20)}m_{011}^{(20)}m_{030}^{(20)}-m_{100}^{(20)}m_{011}^{(20)}m_{021}^{(10)}-m_{100}^{(20)}m_{011}^{(21)}m_{120}^{(20)}+m_{100}^{(20)}m_{011}^{(21)}m_{111}^{(10)}\\
&-m_{100}^{(20)}m_{011}^{(22)}m_{120}^{(10)}+m_{100}^{(20)}m_{011}^{(22)}m_{030}^{(00)}+m_{100}^{(20)}m_{002}^{(10)}m_{111}^{(11)}-m_{100}^{(20)}m_{002}^{(10)}m_{021}^{(10)}\\
&-m_{100}^{(20)}m_{002}^{(11)}m_{111}^{(10)}+m_{100}^{(20)}m_{002}^{(11)}m_{021}^{(00)}-m_{100}^{(20)}m_{002}^{(20)}m_{120}^{(11)}+m_{100}^{(20)}m_{002}^{(20)}m_{030}^{(10)}\\
&+m_{100}^{(20)}m_{002}^{(21)}m_{120}^{(10)}-m_{100}^{(20)}m_{002}^{(21)}m_{030}^{(00)}-2m_{100}^{(21)}m_{200}^{(10)}m_{021}^{(22)}+2m_{100}^{(21)}m_{200}^{(10)}m_{012}^{(21)}\\
&+m_{100}^{(21)}m_{200}^{(11)}m_{111}^{(22)}-m_{100}^{(21)}m_{200}^{(11)}m_{102}^{(21)}+2m_{100}^{(21)}m_{200}^{(20)}m_{021}^{(21)}-2m_{100}^{(21)}m_{200}^{(20)}m_{012}^{(11)}\\
&+m_{100}^{(21)}m_{200}^{(21)}m_{120}^{(22)}-2m_{100}^{(21)}m_{200}^{(21)}m_{111}^{(21)}+m_{100}^{(21)}m_{200}^{(21)}m_{102}^{(11)}-m_{100}^{(21)}m_{200}^{(22)}m_{120}^{(21)}\\
&+m_{100}^{(21)}m_{200}^{(22)}m_{111}^{(11)}+2m_{100}^{(21)}m_{110}^{(00)}m_{021}^{(22)}-2m_{100}^{(21)}m_{110}^{(00)}m_{012}^{(21)}+m_{100}^{(21)}m_{110}^{(10)}m_{111}^{(22)}\\
&+m_{100}^{(21)}m_{110}^{(10)}m_{102}^{(21)}-2m_{100}^{(21)}m_{110}^{(10)}m_{012}^{(20)}-m_{100}^{(21)}m_{110}^{(11)}m_{201}^{(22)}+m_{100}^{(21)}m_{110}^{(11)}m_{102}^{(20)}\\
&-m_{100}^{(21)}m_{110}^{(20)}m_{120}^{(22)}-m_{100}^{(21)}m_{110}^{(20)}m_{111}^{(21)}-2m_{100}^{(21)}m_{110}^{(20)}m_{021}^{(20)}+4m_{100}^{(21)}m_{110}^{(20)}m_{012}^{(10)}\\
&-m_{100}^{(21)}m_{110}^{(21)}m_{210}^{(22)}+m_{100}^{(21)}m_{110}^{(21)}m_{201}^{(21)}+2m_{100}^{(21)}m_{110}^{(21)}m_{111}^{(20)}-2m_{100}^{(21)}m_{110}^{(21)}m_{102}^{(10)}\\
&+m_{100}^{(21)}m_{110}^{(22)}m_{210}^{(21)}+m_{100}^{(21)}m_{110}^{(22)}m_{120}^{(20)}-2m_{100}^{(21)}m_{110}^{(22)}m_{111}^{(10)}-2m_{100}^{(21)}m_{101}^{(00)}m_{021}^{(21)}\\
&+2m_{100}^{(21)}m_{101}^{(00)}m_{012}^{(11)}-m_{100}^{(21)}m_{101}^{(10)}m_{111}^{(21)}-m_{100}^{(21)}m_{101}^{(10)}m_{102}^{(11)}+4m_{100}^{(21)}m_{101}^{(10)}m_{021}^{(20)}\\
&-2m_{100}^{(21)}m_{101}^{(10)}m_{012}^{(10)}+m_{100}^{(21)}m_{101}^{(11)}m_{201}^{(21)}-2m_{100}^{(21)}m_{101}^{(11)}m_{111}^{(20)}+m_{100}^{(21)}m_{101}^{(11)}m_{102}^{(10)}\\
&+m_{100}^{(21)}m_{101}^{(20)}m_{120}^{(21)}+m_{100}^{(21)}m_{101}^{(20)}m_{111}^{(11)}-2m_{100}^{(21)}m_{101}^{(20)}m_{021}^{(10)}+m_{100}^{(21)}m_{101}^{(21)}m_{210}^{(21)}\\
&-m_{100}^{(21)}m_{101}^{(21)}m_{201}^{(11)}-2m_{100}^{(21)}m_{101}^{(21)}m_{120}^{(20)}+2m_{100}^{(21)}m_{101}^{(21)}m_{111}^{(10)}-m_{100}^{(21)}m_{101}^{(22)}m_{210}^{(11)}\\
&+m_{100}^{(21)}m_{101}^{(22)}m_{120}^{(10)}-2m_{100}^{(21)}m_{020}^{(00)}m_{111}^{(22)}+2m_{100}^{(21)}m_{020}^{(00)}m_{012}^{(20)}+m_{100}^{(21)}m_{020}^{(10)}m_{201}^{(22)}
\end{aligned}
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\begin{aligned}
&-m_{100}^{(21)}m_{020}^{(10)}m_{102}^{(20)}+m_{100}^{(21)}m_{020}^{(20)}m_{210}^{(22)}+m_{100}^{(21)}m_{020}^{(20)}m_{111}^{(20)}-2m_{100}^{(21)}m_{020}^{(20)}m_{012}^{(00)}\\
&-m_{100}^{(21)}m_{020}^{(21)}m_{201}^{(20)}+m_{100}^{(21)}m_{020}^{(21)}m_{102}^{(00)}-m_{100}^{(21)}m_{020}^{(22)}m_{210}^{(20)}+m_{100}^{(21)}m_{020}^{(22)}m_{111}^{(00)}\\
&+4m_{100}^{(21)}m_{011}^{(00)}m_{111}^{(21)}-2m_{100}^{(21)}m_{011}^{(00)}m_{021}^{(20)}-2m_{100}^{(21)}m_{011}^{(00)}m_{012}^{(10)}-2m_{100}^{(21)}m_{011}^{(10)}m_{201}^{(21)}\\
&-m_{100}^{(21)}m_{011}^{(10)}m_{111}^{(20)}+m_{100}^{(21)}m_{011}^{(10)}m_{102}^{(10)}+2m_{100}^{(21)}m_{011}^{(10)}m_{012}^{(00)}+m_{100}^{(21)}m_{011}^{(11)}m_{201}^{(20)}\\
&-m_{100}^{(21)}m_{011}^{(11)}m_{102}^{(00)}-2m_{100}^{(21)}m_{011}^{(20)}m_{210}^{(21)}+m_{100}^{(21)}m_{011}^{(20)}m_{120}^{(20)}-m_{100}^{(21)}m_{011}^{(20)}m_{111}^{(10)}\\
&+2m_{100}^{(21)}m_{011}^{(20)}m_{021}^{(00)}+m_{100}^{(21)}m_{011}^{(21)}m_{210}^{(20)}+m_{100}^{(21)}m_{011}^{(21)}m_{201}^{(10)}-2m_{100}^{(21)}m_{011}^{(21)}m_{111}^{(00)}\\
&+m_{100}^{(21)}m_{011}^{(22)}m_{210}^{(10)}-m_{100}^{(21)}m_{011}^{(22)}m_{120}^{(00)}-2m_{100}^{(21)}m_{002}^{(00)}m_{111}^{(11)}+2m_{100}^{(21)}m_{002}^{(00)}m_{021}^{(10)}\\
&+m_{100}^{(21)}m_{002}^{(10)}m_{201}^{(11)}+m_{100}^{(21)}m_{002}^{(10)}m_{111}^{(10)}-2m_{100}^{(21)}m_{002}^{(10)}m_{021}^{(00)}-m_{100}^{(21)}m_{002}^{(11)}m_{201}^{(10)}\\
&+m_{100}^{(21)}m_{002}^{(11)}m_{111}^{(00)}+m_{100}^{(21)}m_{002}^{(20)}m_{210}^{(11)}-m_{100}^{(21)}m_{002}^{(20)}m_{120}^{(10)}-m_{100}^{(21)}m_{002}^{(21)}m_{210}^{(10)}\\
&+m_{100}^{(21)}m_{002}^{(21)}m_{120}^{(00)}+m_{100}^{(22)}m_{200}^{(10)}m_{030}^{(22)}-m_{100}^{(22)}m_{200}^{(10)}m_{021}^{(21)}-m_{100}^{(22)}m_{200}^{(11)}m_{120}^{(22)}\\
&+m_{100}^{(22)}m_{200}^{(11)}m_{111}^{(21)}-m_{100}^{(22)}m_{200}^{(20)}m_{030}^{(21)}+m_{100}^{(22)}m_{200}^{(20)}m_{021}^{(11)}+m_{100}^{(22)}m_{200}^{(21)}m_{120}^{(21)}\\
&-m_{100}^{(22)}m_{200}^{(21)}m_{111}^{(11)}-m_{100}^{(22)}m_{110}^{(00)}m_{030}^{(22)}+m_{100}^{(22)}m_{110}^{(00)}m_{021}^{(21)}-m_{100}^{(22)}m_{110}^{(10)}m_{111}^{(21)}\\
&+m_{100}^{(22)}m_{110}^{(10)}m_{021}^{(20)}+m_{100}^{(22)}m_{110}^{(11)}m_{210}^{(22)}-m_{100}^{(22)}m_{110}^{(11)}m_{111}^{(20)}+m_{100}^{(22)}m_{110}^{(20)}m_{120}^{(21)}\\
&+m_{100}^{(22)}m_{110}^{(20)}m_{030}^{(20)}-2m_{100}^{(22)}m_{110}^{(20)}m_{021}^{(10)}-m_{100}^{(22)}m_{110}^{(21)}m_{210}^{(20)}-m_{100}^{(22)}m_{110}^{(21)}m_{120}^{(20)}\\
&+2m_{100}^{(22)}m_{110}^{(21)}m_{111}^{(10)}+m_{100}^{(22)}m_{101}^{(00)}m_{030}^{(21)}-m_{100}^{(22)}m_{101}^{(00)}m_{021}^{(11)}+m_{100}^{(22)}m_{101}^{(10)}m_{111}^{(11)}\\
&-2m_{100}^{(22)}m_{101}^{(10)}m_{030}^{(20)}+m_{100}^{(22)}m_{101}^{(10)}m_{021}^{(10)}-m_{100}^{(22)}m_{101}^{(11)}m_{210}^{(21)}+2m_{100}^{(22)}m_{101}^{(11)}m_{120}^{(20)}\\
&-m_{100}^{(22)}m_{101}^{(11)}m_{111}^{(10)}-m_{100}^{(22)}m_{101}^{(20)}m_{120}^{(11)}+m_{100}^{(22)}m_{101}^{(20)}m_{030}^{(10)}+m_{100}^{(22)}m_{101}^{(21)}m_{210}^{(11)}\\
&-m_{100}^{(22)}m_{101}^{(21)}m_{120}^{(10)}+m_{100}^{(22)}m_{020}^{(00)}m_{120}^{(22)}-m_{100}^{(22)}m_{020}^{(00)}m_{021}^{(20)}-m_{100}^{(22)}m_{020}^{(10)}m_{210}^{(22)}\\
&+m_{100}^{(22)}m_{020}^{(10)}m_{111}^{(20)}-m_{100}^{(22)}m_{020}^{(20)}m_{120}^{(20)}+m_{100}^{(22)}m_{020}^{(20)}m_{021}^{(00)}+m_{100}^{(22)}m_{020}^{(21)}m_{210}^{(20)}\\
&-m_{100}^{(22)}m_{020}^{(21)}m_{111}^{(00)}-2m_{100}^{(22)}m_{011}^{(00)}m_{120}^{(21)}+m_{100}^{(22)}m_{011}^{(00)}m_{030}^{(20)}+m_{100}^{(22)}m_{011}^{(00)}m_{021}^{(10)}\\
&+2m_{100}^{(22)}m_{011}^{(10)}m_{210}^{(21)}-m_{100}^{(22)}m_{011}^{(10)}m_{111}^{(10)}-m_{100}^{(22)}m_{011}^{(10)}m_{021}^{(00)}-m_{100}^{(22)}m_{011}^{(11)}m_{210}^{(20)}\\
&+m_{100}^{(22)}m_{011}^{(11)}m_{111}^{(00)}+m_{100}^{(22)}m_{011}^{(20)}m_{120}^{(10)}-m_{100}^{(22)}m_{011}^{(20)}m_{030}^{(00)}-m_{100}^{(22)}m_{011}^{(21)}m_{210}^{(10)}\\
&+m_{100}^{(22)}m_{011}^{(21)}m_{120}^{(00)}+m_{100}^{(22)}m_{002}^{(00)}m_{120}^{(11)}-m_{100}^{(22)}m_{002}^{(00)}m_{030}^{(10)}-m_{100}^{(22)}m_{002}^{(10)}m_{210}^{(11)}\\
&+m_{100}^{(22)}m_{002}^{(10)}m_{120}^{(00)}+m_{100}^{(22)}m_{002}^{(11)}m_{210}^{(10)}-m_{100}^{(22)}m_{002}^{(11)}m_{120}^{(00)}+m_{010}^{(00)}m_{200}^{(11)}m_{012}^{(22)}\\
&-m_{010}^{(00)}m_{200}^{(11)}m_{003}^{(21)}-m_{010}^{(00)}m_{200}^{(21)}m_{021}^{(22)}+m_{010}^{(00)}m_{200}^{(21)}m_{003}^{(11)}+m_{010}^{(00)}m_{200}^{(22)}m_{021}^{(21)}\\
&-m_{010}^{(00)}m_{200}^{(22)}m_{012}^{(11)}-m_{010}^{(00)}m_{110}^{(10)}m_{012}^{(22)}+m_{010}^{(00)}m_{110}^{(10)}m_{003}^{(21)}-m_{010}^{(00)}m_{110}^{(11)}m_{102}^{(22)}\\
&+m_{010}^{(00)}m_{110}^{(11)}m_{003}^{(20)}+m_{010}^{(00)}m_{110}^{(20)}m_{021}^{(22)}-m_{010}^{(00)}m_{110}^{(20)}m_{012}^{(21)}+m_{010}^{(00)}m_{110}^{(21)}m_{111}^{(22)}\\
&+m_{010}^{(00)}m_{110}^{(21)}m_{102}^{(21)}-2m_{010}^{(00)}m_{110}^{(21)}m_{003}^{(10)}-m_{010}^{(00)}m_{110}^{(22)}m_{111}^{(21)}-m_{010}^{(00)}m_{110}^{(22)}m_{021}^{(20)}\\
&+2m_{010}^{(00)}m_{110}^{(22)}m_{012}^{(10)}+m_{010}^{(00)}m_{101}^{(10)}m_{012}^{(21)}-m_{010}^{(00)}m_{101}^{(10)}m_{003}^{(11)}+m_{010}^{(00)}m_{101}^{(11)}m_{102}^{(21)}\\
&-2m_{010}^{(00)}m_{101}^{(11)}m_{012}^{(20)}+m_{010}^{(00)}m_{101}^{(11)}m_{003}^{(10)}-m_{010}^{(00)}m_{101}^{(20)}m_{021}^{(21)}+m_{010}^{(00)}m_{101}^{(20)}m_{012}^{(11)}\\
&-m_{010}^{(00)}m_{101}^{(21)}m_{111}^{(21)}-m_{010}^{(00)}m_{101}^{(21)}m_{102}^{(11)}+2m_{010}^{(00)}m_{101}^{(21)}m_{021}^{(20)}+m_{010}^{(00)}m_{101}^{(22)}m_{111}^{(11)}\\
&-m_{010}^{(00)}m_{101}^{(22)}m_{021}^{(10)}+m_{010}^{(00)}m_{020}^{(10)}m_{102}^{(22)}-m_{010}^{(00)}m_{020}^{(10)}m_{003}^{(20)}-m_{010}^{(00)}m_{020}^{(20)}m_{111}^{(22)}\\
&+m_{010}^{(00)}m_{020}^{(20)}m_{012}^{(20)}-m_{010}^{(00)}m_{020}^{(21)}m_{102}^{(20)}+m_{010}^{(00)}m_{020}^{(21)}m_{003}^{(00)}+m_{010}^{(00)}m_{020}^{(22)}m_{111}^{(20)}\\
&-m_{010}^{(00)}m_{020}^{(22)}m_{012}^{(00)}-2m_{010}^{(00)}m_{011}^{(10)}m_{102}^{(21)}+m_{010}^{(00)}m_{011}^{(10)}m_{012}^{(20)}+m_{010}^{(00)}m_{011}^{(10)}m_{003}^{(10)}\\
&+m_{010}^{(00)}m_{011}^{(11)}m_{102}^{(20)}-m_{010}^{(00)}m_{011}^{(11)}m_{003}^{(00)}+2m_{010}^{(00)}m_{011}^{(20)}m_{111}^{(21)}-m_{010}^{(00)}m_{011}^{(20)}m_{021}^{(20)}\\
&-m_{010}^{(00)}m_{011}^{(20)}m_{012}^{(10)}-m_{010}^{(00)}m_{011}^{(21)}m_{111}^{(20)}+m_{010}^{(00)}m_{011}^{(21)}m_{102}^{(10)}-m_{010}^{(00)}m_{011}^{(22)}m_{111}^{(10)}\\
&+m_{010}^{(00)}m_{011}^{(22)}m_{021}^{(00)}+m_{010}^{(00)}m_{002}^{(10)}m_{102}^{(11)}-m_{010}^{(00)}m_{002}^{(10)}m_{012}^{(10)}-m_{010}^{(00)}m_{002}^{(11)}m_{102}^{(10)}\\
&+m_{010}^{(00)}m_{002}^{(11)}m_{012}^{(00)}-m_{010}^{(00)}m_{002}^{(20)}m_{111}^{(11)}+m_{010}^{(00)}m_{002}^{(20)}m_{021}^{(10)}+m_{010}^{(00)}m_{002}^{(21)}m_{111}^{(10)}
\end{aligned}
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\begin{aligned}
&-m_{010}^{(00)} m_{002}^{(21)} m_{021}^{(00)} - m_{010}^{(10)} m_{200}^{(10)} m_{012}^{(22)} + m_{010}^{(10)} m_{200}^{(10)} m_{003}^{(21)} + m_{010}^{(10)} m_{200}^{(20)} m_{012}^{(21)} \\
&-m_{010}^{(10)} m_{200}^{(20)} m_{003}^{(11)} + m_{010}^{(10)} m_{200}^{(21)} m_{111}^{(22)} - m_{010}^{(10)} m_{200}^{(21)} m_{102}^{(21)} - m_{010}^{(10)} m_{200}^{(22)} m_{111}^{(21)} \\
&+m_{010}^{(10)} m_{200}^{(22)} m_{102}^{(11)} + m_{010}^{(10)} m_{110}^{(00)} m_{012}^{(22)} - m_{010}^{(10)} m_{110}^{(00)} m_{003}^{(21)} + m_{010}^{(10)} m_{110}^{(10)} m_{102}^{(22)} \\
&-m_{010}^{(10)} m_{110}^{(10)} m_{003}^{(20)} - m_{010}^{(10)} m_{110}^{(20)} m_{111}^{(22)} - m_{010}^{(10)} m_{110}^{(20)} m_{012}^{(20)} + 2m_{010}^{(10)} m_{110}^{(20)} m_{003}^{(10)} \\
&-m_{010}^{(10)} m_{110}^{(21)} m_{201}^{(22)} + m_{010}^{(10)} m_{110}^{(21)} m_{102}^{(20)} + m_{010}^{(10)} m_{110}^{(22)} m_{201}^{(21)} + m_{010}^{(10)} m_{110}^{(22)} m_{111}^{(20)} \\
&-2m_{010}^{(10)} m_{110}^{(22)} m_{102}^{(10)} - m_{010}^{(10)} m_{101}^{(00)} m_{012}^{(21)} + m_{010}^{(10)} m_{101}^{(00)} m_{003}^{(11)} - m_{010}^{(10)} m_{101}^{(10)} m_{102}^{(21)} \\
&+2m_{010}^{(10)} m_{101}^{(10)} m_{012}^{(20)} - m_{010}^{(10)} m_{101}^{(10)} m_{003}^{(10)} + m_{010}^{(10)} m_{101}^{(20)} m_{111}^{(21)} - m_{010}^{(10)} m_{101}^{(20)} m_{012}^{(10)} \\
&+m_{010}^{(10)} m_{101}^{(21)} m_{201}^{(21)} - 2m_{010}^{(10)} m_{101}^{(21)} m_{111}^{(20)} + m_{010}^{(10)} m_{101}^{(21)} m_{102}^{(10)} - m_{010}^{(10)} m_{101}^{(22)} m_{201}^{(11)} \\
&+m_{010}^{(10)} m_{101}^{(22)} m_{111}^{(10)} - m_{010}^{(10)} m_{020}^{(00)} m_{102}^{(22)} + m_{010}^{(10)} m_{020}^{(00)} m_{003}^{(20)} + m_{010}^{(10)} m_{020}^{(20)} m_{201}^{(22)} \\
&-m_{010}^{(10)} m_{020}^{(20)} m_{003}^{(00)} - m_{010}^{(10)} m_{020}^{(22)} m_{201}^{(20)} + m_{010}^{(10)} m_{020}^{(22)} m_{102}^{(00)} + 2m_{010}^{(10)} m_{011}^{(00)} m_{102}^{(21)} \\
&-m_{010}^{(10)} m_{011}^{(00)} m_{012}^{(20)} - m_{010}^{(10)} m_{011}^{(00)} m_{003}^{(10)} - m_{010}^{(10)} m_{011}^{(10)} m_{102}^{(20)} + m_{010}^{(10)} m_{011}^{(10)} m_{003}^{(00)} \\
&-2m_{010}^{(10)} m_{011}^{(20)} m_{201}^{(21)} + m_{010}^{(10)} m_{011}^{(20)} m_{111}^{(20)} + m_{010}^{(10)} m_{011}^{(20)} m_{012}^{(00)} + m_{010}^{(10)} m_{011}^{(21)} m_{201}^{(20)} \\
&-m_{010}^{(10)} m_{011}^{(21)} m_{102}^{(00)} + m_{010}^{(10)} m_{011}^{(22)} m_{201}^{(10)} - m_{010}^{(10)} m_{011}^{(22)} m_{111}^{(00)} - m_{010}^{(10)} m_{002}^{(00)} m_{102}^{(11)} \\
&+m_{010}^{(10)} m_{002}^{(00)} m_{012}^{(10)} + m_{010}^{(10)} m_{002}^{(10)} m_{102}^{(10)} - m_{010}^{(10)} m_{002}^{(10)} m_{012}^{(00)} + m_{010}^{(10)} m_{002}^{(20)} m_{201}^{(11)} \\
&-m_{010}^{(10)} m_{002}^{(20)} m_{111}^{(10)} - m_{010}^{(10)} m_{002}^{(21)} m_{201}^{(10)} + m_{010}^{(10)} m_{002}^{(21)} m_{111}^{(00)} + m_{010}^{(20)} m_{200}^{(10)} m_{021}^{(22)} \\
&-m_{010}^{(20)} m_{200}^{(10)} m_{012}^{(21)} - 2m_{010}^{(20)} m_{200}^{(11)} m_{111}^{(22)} + 2m_{010}^{(20)} m_{200}^{(11)} m_{102}^{(21)} - m_{010}^{(20)} m_{200}^{(20)} m_{021}^{(21)} \\
&+m_{010}^{(20)} m_{200}^{(20)} m_{012}^{(11)} + m_{010}^{(20)} m_{200}^{(21)} m_{120}^{(22)} + m_{010}^{(20)} m_{200}^{(21)} m_{111}^{(21)} - 2m_{010}^{(20)} m_{200}^{(21)} m_{102}^{(11)} \\
&-m_{010}^{(20)} m_{200}^{(22)} m_{120}^{(21)} + m_{010}^{(20)} m_{200}^{(22)} m_{111}^{(11)} - m_{010}^{(20)} m_{110}^{(00)} m_{021}^{(22)} + m_{010}^{(20)} m_{110}^{(00)} m_{012}^{(21)} \\
&+m_{010}^{(20)} m_{110}^{(10)} m_{111}^{(22)} - 2m_{010}^{(20)} m_{110}^{(10)} m_{102}^{(21)} + m_{010}^{(20)} m_{110}^{(10)} m_{012}^{(20)} + 2m_{010}^{(20)} m_{110}^{(11)} m_{201}^{(22)} \\
&-2m_{010}^{(20)} m_{110}^{(11)} m_{102}^{(20)} - m_{010}^{(20)} m_{110}^{(20)} m_{120}^{(22)} + 2m_{010}^{(20)} m_{110}^{(20)} m_{111}^{(21)} + m_{010}^{(20)} m_{110}^{(20)} m_{021}^{(20)} \\
&-2m_{010}^{(20)} m_{110}^{(20)} m_{012}^{(10)} - m_{010}^{(20)} m_{110}^{(21)} m_{210}^{(22)} - 2m_{010}^{(20)} m_{110}^{(21)} m_{201}^{(21)} - m_{010}^{(20)} m_{110}^{(21)} m_{111}^{(20)} \\
&+4m_{010}^{(20)} m_{110}^{(21)} m_{102}^{(10)} + m_{010}^{(20)} m_{110}^{(22)} m_{210}^{(21)} + m_{010}^{(20)} m_{110}^{(22)} m_{120}^{(20)} - 2m_{010}^{(20)} m_{110}^{(22)} m_{111}^{(10)} \\
&+m_{010}^{(20)} m_{101}^{(00)} m_{021}^{(21)} - m_{010}^{(20)} m_{101}^{(00)} m_{012}^{(11)} - m_{010}^{(20)} m_{101}^{(10)} m_{111}^{(21)} + 2m_{010}^{(20)} m_{101}^{(10)} m_{102}^{(11)} \\
&-2m_{010}^{(20)} m_{101}^{(10)} m_{021}^{(20)} + m_{010}^{(20)} m_{101}^{(10)} m_{012}^{(10)} - 2m_{010}^{(20)} m_{101}^{(11)} m_{201}^{(21)} + 4m_{010}^{(20)} m_{101}^{(11)} m_{111}^{(20)} \\
&-2m_{010}^{(20)} m_{101}^{(11)} m_{102}^{(10)} + m_{010}^{(20)} m_{101}^{(20)} m_{120}^{(21)} - 2m_{010}^{(20)} m_{101}^{(20)} m_{111}^{(11)} + m_{010}^{(20)} m_{101}^{(20)} m_{021}^{(10)} \\
&+m_{010}^{(20)} m_{101}^{(21)} m_{210}^{(21)} + 2m_{010}^{(20)} m_{101}^{(21)} m_{201}^{(11)} - 2m_{010}^{(20)} m_{101}^{(21)} m_{120}^{(20)} - m_{010}^{(20)} m_{101}^{(21)} m_{111}^{(10)} \\
&-m_{010}^{(20)} m_{101}^{(22)} m_{210}^{(11)} + m_{010}^{(20)} m_{101}^{(22)} m_{120}^{(10)} + m_{010}^{(20)} m_{020}^{(00)} m_{111}^{(22)} - m_{010}^{(20)} m_{020}^{(00)} m_{012}^{(20)} \\
&-2m_{010}^{(20)} m_{020}^{(10)} m_{201}^{(22)} + 2m_{010}^{(20)} m_{020}^{(10)} m_{102}^{(20)} + m_{010}^{(20)} m_{020}^{(20)} m_{210}^{(22)} - 2m_{010}^{(20)} m_{020}^{(20)} m_{111}^{(20)} \\
&+m_{010}^{(20)} m_{020}^{(20)} m_{012}^{(00)} + 2m_{010}^{(20)} m_{020}^{(21)} m_{201}^{(20)} - 2m_{010}^{(20)} m_{020}^{(21)} m_{102}^{(00)} - m_{010}^{(20)} m_{020}^{(22)} m_{210}^{(20)} \\
&+m_{010}^{(20)} m_{020}^{(22)} m_{111}^{(00)} - 2m_{010}^{(20)} m_{011}^{(00)} m_{111}^{(21)} + m_{010}^{(20)} m_{011}^{(00)} m_{021}^{(20)} + m_{010}^{(20)} m_{011}^{(00)} m_{012}^{(10)} \\
&+4m_{010}^{(20)} m_{011}^{(10)} m_{201}^{(21)} - m_{010}^{(20)} m_{011}^{(10)} m_{111}^{(20)} - 2m_{010}^{(20)} m_{011}^{(10)} m_{102}^{(10)} - m_{010}^{(20)} m_{011}^{(10)} m_{012}^{(00)} \\
&-2m_{010}^{(20)} m_{011}^{(11)} m_{201}^{(20)} + 2m_{010}^{(20)} m_{011}^{(11)} m_{102}^{(00)} - 2m_{010}^{(20)} m_{011}^{(20)} m_{210}^{(21)} + m_{010}^{(20)} m_{011}^{(20)} m_{120}^{(20)} \\
&+2m_{010}^{(20)} m_{011}^{(20)} m_{111}^{(10)} - m_{010}^{(20)} m_{011}^{(20)} m_{021}^{(00)} + m_{010}^{(20)} m_{011}^{(21)} m_{210}^{(20)} - 2m_{010}^{(20)} m_{011}^{(21)} m_{201}^{(10)} \\
&+m_{010}^{(20)} m_{011}^{(21)} m_{111}^{(00)} + m_{010}^{(20)} m_{011}^{(22)} m_{210}^{(10)} - m_{010}^{(20)} m_{011}^{(22)} m_{120}^{(00)} + m_{010}^{(20)} m_{002}^{(00)} m_{111}^{(11)} \\
&-m_{010}^{(20)} m_{002}^{(00)} m_{021}^{(10)} - 2m_{010}^{(20)} m_{002}^{(10)} m_{201}^{(11)} + m_{010}^{(20)} m_{002}^{(10)} m_{111}^{(10)} + m_{010}^{(20)} m_{002}^{(10)} m_{021}^{(00)} \\
&+2m_{010}^{(20)} m_{002}^{(11)} m_{201}^{(10)} - 2m_{010}^{(20)} m_{002}^{(11)} m_{111}^{(00)} + m_{010}^{(20)} m_{002}^{(20)} m_{210}^{(11)} - m_{010}^{(20)} m_{002}^{(20)} m_{120}^{(10)} \\
&-m_{010}^{(20)} m_{002}^{(21)} m_{210}^{(10)} + m_{010}^{(20)} m_{002}^{(21)} m_{120}^{(00)} + m_{010}^{(21)} m_{200}^{(10)} m_{111}^{(22)} - m_{010}^{(21)} m_{200}^{(10)} m_{102}^{(21)} \\
&-m_{010}^{(21)} m_{200}^{(20)} m_{111}^{(21)} + m_{010}^{(21)} m_{200}^{(20)} m_{102}^{(11)} - m_{010}^{(21)} m_{200}^{(21)} m_{210}^{(22)} + m_{010}^{(21)} m_{200}^{(21)} m_{201}^{(21)}
\end{aligned}
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\begin{aligned}
&+m_{010}^{(21)}m_{200}^{(22)}m_{210}^{(21)} - m_{010}^{(21)}m_{200}^{(22)}m_{201}^{(11)} - m_{010}^{(21)}m_{110}^{(00)}m_{111}^{(22)} + m_{010}^{(21)}m_{110}^{(00)}m_{102}^{(21)}\\
&-m_{010}^{(21)}m_{110}^{(10)}m_{201}^{(22)} + m_{010}^{(21)}m_{110}^{(10)}m_{102}^{(20)} + m_{010}^{(21)}m_{110}^{(20)}m_{210}^{(22)} + m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(20)}\\
&-2m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(10)} + m_{010}^{(21)}m_{110}^{(21)}m_{300}^{(22)} - m_{010}^{(21)}m_{110}^{(21)}m_{201}^{(20)} - m_{010}^{(21)}m_{110}^{(22)}m_{300}^{(21)}\\
&-m_{010}^{(21)}m_{110}^{(22)}m_{210}^{(20)} + 2m_{010}^{(21)}m_{110}^{(22)}m_{201}^{(10)} + m_{010}^{(21)}m_{101}^{(00)}m_{111}^{(21)} - m_{010}^{(21)}m_{101}^{(00)}m_{102}^{(11)}\\
&+m_{010}^{(21)}m_{101}^{(10)}m_{201}^{(21)} - 2m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(20)} + m_{010}^{(21)}m_{101}^{(10)}m_{102}^{(10)} - m_{010}^{(21)}m_{101}^{(20)}m_{210}^{(21)}\\
&+m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(10)} - m_{010}^{(21)}m_{101}^{(21)}m_{300}^{(21)} + 2m_{010}^{(21)}m_{101}^{(21)}m_{210}^{(20)} - m_{010}^{(21)}m_{101}^{(21)}m_{201}^{(10)}\\
&+m_{010}^{(21)}m_{101}^{(22)}m_{300}^{(11)} - m_{010}^{(21)}m_{101}^{(22)}m_{210}^{(10)} + m_{010}^{(21)}m_{020}^{(00)}m_{201}^{(22)} - m_{010}^{(21)}m_{020}^{(00)}m_{102}^{(20)}\\
&-m_{010}^{(21)}m_{020}^{(20)}m_{300}^{(22)} + m_{010}^{(21)}m_{020}^{(20)}m_{102}^{(00)} + m_{010}^{(21)}m_{020}^{(22)}m_{300}^{(20)} - m_{010}^{(21)}m_{020}^{(22)}m_{201}^{(00)}\\
&-2m_{010}^{(21)}m_{011}^{(00)}m_{201}^{(21)} + m_{010}^{(21)}m_{011}^{(00)}m_{111}^{(20)} + m_{010}^{(21)}m_{011}^{(00)}m_{102}^{(10)} + m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(20)}\\
&-m_{010}^{(21)}m_{011}^{(10)}m_{102}^{(00)} + 2m_{010}^{(21)}m_{011}^{(20)}m_{300}^{(21)} - m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(20)} - m_{010}^{(21)}m_{011}^{(20)}m_{111}^{(00)}\\
&-m_{010}^{(21)}m_{011}^{(21)}m_{300}^{(20)} + m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(00)} - m_{010}^{(21)}m_{011}^{(22)}m_{300}^{(10)} + m_{010}^{(21)}m_{011}^{(22)}m_{210}^{(00)}\\
&+m_{010}^{(21)}m_{002}^{(00)}m_{201}^{(11)} - m_{010}^{(21)}m_{002}^{(00)}m_{111}^{(10)} - m_{010}^{(21)}m_{002}^{(10)}m_{201}^{(10)} + m_{010}^{(21)}m_{002}^{(10)}m_{111}^{(00)}\\
&-m_{010}^{(21)}m_{002}^{(20)}m_{300}^{(11)} + m_{010}^{(21)}m_{002}^{(20)}m_{210}^{(10)} + m_{010}^{(21)}m_{002}^{(21)}m_{300}^{(10)} - m_{010}^{(21)}m_{002}^{(21)}m_{210}^{(00)}\\
&-m_{010}^{(22)}m_{200}^{(10)}m_{120}^{(22)} + m_{010}^{(22)}m_{200}^{(10)}m_{111}^{(21)} + m_{010}^{(22)}m_{200}^{(11)}m_{210}^{(22)} - m_{010}^{(22)}m_{200}^{(11)}m_{201}^{(21)}\\
&+m_{010}^{(22)}m_{200}^{(20)}m_{120}^{(21)} - m_{010}^{(22)}m_{200}^{(20)}m_{111}^{(11)} - m_{010}^{(22)}m_{200}^{(21)}m_{210}^{(21)} + m_{010}^{(22)}m_{200}^{(21)}m_{201}^{(11)}\\
&+m_{010}^{(22)}m_{110}^{(00)}m_{120}^{(22)} - m_{010}^{(22)}m_{110}^{(00)}m_{111}^{(21)} + m_{010}^{(22)}m_{110}^{(10)}m_{201}^{(21)} - m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(20)}\\
&-m_{010}^{(22)}m_{110}^{(11)}m_{300}^{(22)} + m_{010}^{(22)}m_{110}^{(11)}m_{201}^{(20)} - m_{010}^{(22)}m_{110}^{(20)}m_{210}^{(21)} - m_{010}^{(22)}m_{110}^{(20)}m_{120}^{(20)}\\
&+2m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(10)} + m_{010}^{(22)}m_{110}^{(21)}m_{300}^{(21)} + m_{010}^{(22)}m_{110}^{(21)}m_{210}^{(20)} - 2m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(10)}\\
&-m_{010}^{(22)}m_{101}^{(00)}m_{120}^{(21)} + m_{010}^{(22)}m_{101}^{(00)}m_{111}^{(11)} - m_{010}^{(22)}m_{101}^{(10)}m_{201}^{(11)} + 2m_{010}^{(22)}m_{101}^{(10)}m_{120}^{(20)}\\
&-m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(10)} + m_{010}^{(22)}m_{101}^{(11)}m_{300}^{(21)} - 2m_{010}^{(22)}m_{101}^{(11)}m_{210}^{(20)} + m_{010}^{(22)}m_{101}^{(11)}m_{201}^{(10)}\\
&+m_{010}^{(22)}m_{101}^{(20)}m_{210}^{(11)} - m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(10)} - m_{010}^{(22)}m_{101}^{(21)}m_{300}^{(11)} + m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(10)}\\
&-m_{010}^{(22)}m_{020}^{(00)}m_{210}^{(22)} + m_{010}^{(22)}m_{020}^{(00)}m_{111}^{(20)} + m_{010}^{(22)}m_{020}^{(10)}m_{300}^{(22)} - m_{010}^{(22)}m_{020}^{(10)}m_{201}^{(20)}\\
&+m_{010}^{(22)}m_{020}^{(20)}m_{210}^{(20)} - m_{010}^{(22)}m_{020}^{(20)}m_{111}^{(00)} - m_{010}^{(22)}m_{020}^{(21)}m_{300}^{(20)} + m_{010}^{(22)}m_{020}^{(21)}m_{201}^{(00)}\\
&+2m_{010}^{(22)}m_{011}^{(00)}m_{210}^{(21)} - m_{010}^{(22)}m_{011}^{(00)}m_{120}^{(20)} - m_{010}^{(22)}m_{011}^{(00)}m_{111}^{(10)} - 2m_{010}^{(22)}m_{011}^{(10)}m_{300}^{(21)}\\
&+m_{010}^{(22)}m_{011}^{(10)}m_{201}^{(10)} + m_{010}^{(22)}m_{011}^{(10)}m_{111}^{(00)} + m_{010}^{(22)}m_{011}^{(11)}m_{300}^{(20)} - m_{010}^{(22)}m_{011}^{(11)}m_{201}^{(00)}\\
&-m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(10)} + m_{010}^{(22)}m_{011}^{(20)}m_{120}^{(00)} + m_{010}^{(22)}m_{011}^{(21)}m_{300}^{(10)} - m_{010}^{(22)}m_{011}^{(21)}m_{210}^{(00)}\\
&-m_{010}^{(22)}m_{002}^{(00)}m_{210}^{(11)} + m_{010}^{(22)}m_{002}^{(00)}m_{120}^{(10)} + m_{010}^{(22)}m_{002}^{(10)}m_{300}^{(11)} - m_{010}^{(22)}m_{002}^{(10)}m_{120}^{(00)}\\
&-m_{010}^{(22)}m_{002}^{(11)}m_{300}^{(10)} + m_{010}^{(22)}m_{002}^{(11)}m_{210}^{(00)} - m_{001}^{(00)}m_{200}^{(11)}m_{021}^{(22)} + m_{001}^{(00)}m_{200}^{(11)}m_{012}^{(21)}\\
&+m_{001}^{(00)}m_{200}^{(21)}m_{030}^{(22)} - m_{001}^{(00)}m_{200}^{(21)}m_{012}^{(11)} - m_{001}^{(00)}m_{200}^{(22)}m_{030}^{(21)} + m_{001}^{(00)}m_{200}^{(22)}m_{021}^{(11)}\\
&+m_{001}^{(00)}m_{110}^{(10)}m_{021}^{(22)} - m_{001}^{(00)}m_{110}^{(10)}m_{012}^{(21)} + m_{001}^{(00)}m_{110}^{(11)}m_{111}^{(22)} - m_{001}^{(00)}m_{110}^{(11)}m_{012}^{(20)}\\
&-m_{001}^{(00)}m_{110}^{(20)}m_{030}^{(22)} + m_{001}^{(00)}m_{110}^{(20)}m_{021}^{(21)} - m_{001}^{(00)}m_{110}^{(21)}m_{120}^{(22)} - m_{001}^{(00)}m_{110}^{(21)}m_{111}^{(21)}\\
&+2m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(10)} + m_{001}^{(00)}m_{110}^{(22)}m_{120}^{(21)} + m_{001}^{(00)}m_{110}^{(22)}m_{030}^{(20)} - 2m_{001}^{(00)}m_{110}^{(22)}m_{021}^{(10)}\\
&-m_{001}^{(00)}m_{101}^{(10)}m_{021}^{(21)} + m_{001}^{(00)}m_{101}^{(10)}m_{012}^{(11)} - m_{001}^{(00)}m_{101}^{(11)}m_{111}^{(21)} + 2m_{001}^{(00)}m_{101}^{(11)}m_{021}^{(20)}\\
&-m_{001}^{(00)}m_{101}^{(11)}m_{012}^{(10)} + m_{001}^{(00)}m_{101}^{(20)}m_{030}^{(21)} - m_{001}^{(00)}m_{101}^{(20)}m_{021}^{(11)} + m_{001}^{(00)}m_{101}^{(21)}m_{120}^{(21)}\\
&+m_{001}^{(00)}m_{101}^{(21)}m_{111}^{(11)} - 2m_{001}^{(00)}m_{101}^{(21)}m_{030}^{(20)} - m_{001}^{(00)}m_{101}^{(22)}m_{120}^{(11)} + m_{001}^{(00)}m_{101}^{(22)}m_{030}^{(10)}\\
&-m_{001}^{(00)}m_{020}^{(10)}m_{111}^{(22)} + m_{001}^{(00)}m_{020}^{(10)}m_{012}^{(20)} + m_{001}^{(00)}m_{020}^{(20)}m_{120}^{(22)} - m_{001}^{(00)}m_{020}^{(20)}m_{021}^{(20)}\\
&+m_{001}^{(00)}m_{020}^{(21)}m_{111}^{(20)} - m_{001}^{(00)}m_{020}^{(21)}m_{012}^{(00)} - m_{001}^{(00)}m_{020}^{(22)}m_{120}^{(20)} + m_{001}^{(00)}m_{020}^{(22)}m_{021}^{(00)}\\
&+2m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(21)} - m_{001}^{(00)}m_{011}^{(10)}m_{021}^{(20)} - m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(10)} - m_{001}^{(00)}m_{011}^{(11)}m_{111}^{(20)}
\end{aligned}
$$

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\begin{aligned}
&+m_{001}^{(00)}m_{011}^{(11)}m_{012}^{(00)} - 2m_{001}^{(00)}m_{011}^{(20)}m_{120}^{(21)} + m_{001}^{(00)}m_{011}^{(20)}m_{030}^{(20)} + m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(10)}\\
&+m_{001}^{(00)}m_{011}^{(21)}m_{120}^{(20)} - m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(10)} + m_{001}^{(00)}m_{011}^{(22)}m_{120}^{(10)} - m_{001}^{(00)}m_{011}^{(22)}m_{030}^{(00)}\\
&-m_{001}^{(00)}m_{002}^{(10)}m_{111}^{(11)} + m_{001}^{(00)}m_{002}^{(10)}m_{021}^{(10)} + m_{001}^{(00)}m_{002}^{(11)}m_{111}^{(10)} - m_{001}^{(00)}m_{002}^{(11)}m_{021}^{(00)}\\
&+m_{001}^{(00)}m_{002}^{(20)}m_{120}^{(11)} - m_{001}^{(00)}m_{002}^{(20)}m_{030}^{(10)} - m_{001}^{(00)}m_{002}^{(21)}m_{120}^{(10)} + m_{001}^{(00)}m_{002}^{(21)}m_{030}^{(00)}\\
&+m_{001}^{(10)}m_{200}^{(10)}m_{021}^{(22)} - m_{001}^{(10)}m_{200}^{(10)}m_{012}^{(21)} + m_{001}^{(10)}m_{200}^{(11)}m_{111}^{(22)} - m_{001}^{(10)}m_{200}^{(11)}m_{102}^{(21)}\\
&-m_{001}^{(10)}m_{200}^{(20)}m_{021}^{(21)} + m_{001}^{(10)}m_{200}^{(20)}m_{012}^{(11)} - 2m_{001}^{(10)}m_{200}^{(21)}m_{120}^{(22)} + m_{001}^{(10)}m_{200}^{(21)}m_{111}^{(21)}\\
&+m_{001}^{(10)}m_{200}^{(21)}m_{102}^{(11)} + 2m_{001}^{(10)}m_{200}^{(22)}m_{120}^{(21)} - 2m_{001}^{(10)}m_{200}^{(22)}m_{111}^{(11)} - m_{001}^{(10)}m_{110}^{(00)}m_{021}^{(22)}\\
&+m_{001}^{(10)}m_{110}^{(00)}m_{012}^{(21)} - 2m_{001}^{(10)}m_{110}^{(10)}m_{111}^{(22)} + m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(21)} + m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(20)}\\
&-m_{001}^{(10)}m_{110}^{(11)}m_{201}^{(22)} + m_{001}^{(10)}m_{110}^{(11)}m_{102}^{(20)} + 2m_{001}^{(10)}m_{110}^{(20)}m_{120}^{(22)} - m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(21)}\\
&+m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(20)} - 2m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(10)} + 2m_{001}^{(10)}m_{110}^{(21)}m_{210}^{(22)} + m_{001}^{(10)}m_{110}^{(21)}m_{201}^{(21)}\\
&-m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(20)} - 2m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(10)} - 2m_{001}^{(10)}m_{110}^{(22)}m_{210}^{(21)} - 2m_{001}^{(10)}m_{110}^{(22)}m_{120}^{(20)}\\
&+4m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(10)} + m_{001}^{(10)}m_{101}^{(00)}m_{021}^{(21)} - m_{001}^{(10)}m_{101}^{(00)}m_{012}^{(11)} + 2m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(21)}\\
&-m_{001}^{(10)}m_{101}^{(10)}m_{102}^{(11)} - 2m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(20)} + m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(10)} + m_{001}^{(10)}m_{101}^{(11)}m_{201}^{(21)}\\
&-2m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(20)} + m_{001}^{(10)}m_{101}^{(11)}m_{102}^{(10)} - 2m_{001}^{(10)}m_{101}^{(20)}m_{120}^{(21)} + m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(11)}\\
&+m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(10)} - 2m_{001}^{(10)}m_{101}^{(21)}m_{210}^{(21)} - m_{001}^{(10)}m_{101}^{(21)}m_{201}^{(11)} + 4m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(20)}\\
&-m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(10)} + 2m_{001}^{(10)}m_{101}^{(22)}m_{210}^{(11)} - 2m_{001}^{(10)}m_{101}^{(22)}m_{120}^{(10)} + m_{001}^{(10)}m_{020}^{(00)}m_{111}^{(22)}\\
&-m_{001}^{(10)}m_{020}^{(00)}m_{012}^{(20)} + m_{001}^{(10)}m_{020}^{(10)}m_{201}^{(22)} - m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(20)} - 2m_{001}^{(10)}m_{020}^{(20)}m_{210}^{(22)}\\
&+m_{001}^{(10)}m_{020}^{(20)}m_{111}^{(20)} + m_{001}^{(10)}m_{020}^{(20)}m_{012}^{(00)} - m_{001}^{(10)}m_{020}^{(21)}m_{201}^{(20)} + m_{001}^{(10)}m_{020}^{(21)}m_{102}^{(00)}\\
&+2m_{001}^{(10)}m_{020}^{(22)}m_{210}^{(20)} - 2m_{001}^{(10)}m_{020}^{(22)}m_{111}^{(00)} - 2m_{001}^{(10)}m_{011}^{(00)}m_{111}^{(21)} + m_{001}^{(10)}m_{011}^{(00)}m_{021}^{(20)}\\
&+m_{001}^{(10)}m_{011}^{(00)}m_{012}^{(10)} - 2m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(21)} + 2m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(20)} + m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(10)}\\
&-m_{001}^{(10)}m_{011}^{(10)}m_{012}^{(00)} + m_{001}^{(10)}m_{011}^{(11)}m_{201}^{(20)} - m_{001}^{(10)}m_{011}^{(11)}m_{102}^{(00)} + 4m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(21)}\\
&-2m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(20)} - m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(10)} - m_{001}^{(10)}m_{011}^{(20)}m_{021}^{(00)} - 2m_{001}^{(10)}m_{011}^{(21)}m_{210}^{(20)}\\
&+m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(10)} + m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(00)} - 2m_{001}^{(10)}m_{011}^{(22)}m_{210}^{(10)} + 2m_{001}^{(10)}m_{011}^{(22)}m_{120}^{(00)}\\
&+m_{001}^{(10)}m_{002}^{(00)}m_{111}^{(11)} - m_{001}^{(10)}m_{002}^{(00)}m_{021}^{(10)} + m_{001}^{(10)}m_{002}^{(10)}m_{201}^{(11)} - 2m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(10)}\\
&+m_{001}^{(10)}m_{002}^{(10)}m_{021}^{(00)} - m_{001}^{(10)}m_{002}^{(11)}m_{201}^{(10)} + m_{001}^{(10)}m_{002}^{(11)}m_{111}^{(00)} - 2m_{001}^{(10)}m_{002}^{(20)}m_{210}^{(11)}\\
&+2m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(10)} + 2m_{001}^{(10)}m_{002}^{(21)}m_{210}^{(10)} - 2m_{001}^{(10)}m_{002}^{(21)}m_{120}^{(00)} - m_{001}^{(11)}m_{200}^{(10)}m_{111}^{(22)}\\
&+m_{001}^{(11)}m_{200}^{(10)}m_{102}^{(21)} + m_{001}^{(11)}m_{200}^{(20)}m_{111}^{(21)} - m_{001}^{(11)}m_{200}^{(20)}m_{102}^{(11)} + m_{001}^{(11)}m_{200}^{(21)}m_{210}^{(22)}\\
&-m_{001}^{(11)}m_{200}^{(21)}m_{201}^{(21)} - m_{001}^{(11)}m_{200}^{(22)}m_{210}^{(21)} + m_{001}^{(11)}m_{200}^{(22)}m_{201}^{(11)} + m_{001}^{(11)}m_{110}^{(00)}m_{111}^{(22)}\\
&-m_{001}^{(11)}m_{110}^{(00)}m_{102}^{(21)} + m_{001}^{(11)}m_{110}^{(10)}m_{201}^{(22)} - m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(20)} - m_{001}^{(11)}m_{110}^{(20)}m_{210}^{(22)}\\
&-m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(20)} + 2m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(10)} - m_{001}^{(11)}m_{110}^{(21)}m_{300}^{(22)} + m_{001}^{(11)}m_{110}^{(21)}m_{201}^{(20)}\\
&+m_{001}^{(11)}m_{110}^{(22)}m_{300}^{(21)} + m_{001}^{(11)}m_{110}^{(22)}m_{210}^{(20)} - 2m_{001}^{(11)}m_{110}^{(22)}m_{201}^{(10)} - m_{001}^{(11)}m_{101}^{(00)}m_{111}^{(21)}\\
&+m_{001}^{(11)}m_{101}^{(00)}m_{102}^{(11)} - m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(21)} + 2m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(20)} - m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(10)}\\
&+m_{001}^{(11)}m_{101}^{(20)}m_{210}^{(21)} - m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(10)} + m_{001}^{(11)}m_{101}^{(21)}m_{300}^{(21)} - 2m_{001}^{(11)}m_{101}^{(21)}m_{210}^{(20)}\\
&+m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(10)} - m_{001}^{(11)}m_{101}^{(22)}m_{300}^{(11)} + m_{001}^{(11)}m_{101}^{(22)}m_{210}^{(10)} - m_{001}^{(11)}m_{020}^{(00)}m_{201}^{(22)}\\
&+m_{001}^{(11)}m_{020}^{(00)}m_{102}^{(20)} + m_{001}^{(11)}m_{020}^{(20)}m_{300}^{(22)} - m_{001}^{(11)}m_{020}^{(20)}m_{102}^{(00)} - m_{001}^{(11)}m_{020}^{(22)}m_{300}^{(20)}\\
&+m_{001}^{(11)}m_{020}^{(22)}m_{201}^{(00)} + 2m_{001}^{(11)}m_{011}^{(00)}m_{201}^{(21)} - m_{001}^{(11)}m_{011}^{(00)}m_{111}^{(20)} - m_{001}^{(11)}m_{011}^{(00)}m_{102}^{(10)}\\
&-m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(20)} + m_{001}^{(11)}m_{011}^{(10)}m_{102}^{(00)} - 2m_{001}^{(11)}m_{011}^{(20)}m_{300}^{(21)} + m_{001}^{(11)}m_{011}^{(20)}m_{210}^{(20)}\\
&+m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(00)} + m_{001}^{(11)}m_{011}^{(21)}m_{300}^{(20)} - m_{001}^{(11)}m_{011}^{(21)}m_{201}^{(00)} + m_{001}^{(11)}m_{011}^{(22)}m_{300}^{(10)}
\end{aligned}
$$

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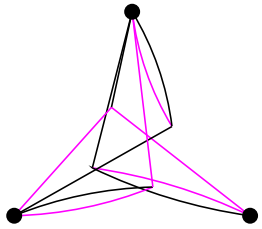
\begin{aligned}
&-m_{001}^{(11)}m_{011}^{(22)}m_{210}^{(00)} - m_{001}^{(11)}m_{002}^{(00)}m_{201}^{(11)} + m_{001}^{(11)}m_{002}^{(00)}m_{111}^{(10)} + m_{001}^{(11)}m_{002}^{(10)}m_{201}^{(10)}\\
&-m_{001}^{(11)}m_{002}^{(10)}m_{111}^{(00)} + m_{001}^{(11)}m_{002}^{(20)}m_{300}^{(11)} - m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(10)} - m_{001}^{(11)}m_{002}^{(21)}m_{300}^{(10)}\\
&+m_{001}^{(11)}m_{002}^{(21)}m_{210}^{(00)} - m_{001}^{(20)}m_{200}^{(10)}m_{030}^{(22)} + m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(21)} + m_{001}^{(20)}m_{200}^{(11)}m_{120}^{(22)}\\
&-m_{001}^{(20)}m_{200}^{(11)}m_{111}^{(21)} + m_{001}^{(20)}m_{200}^{(20)}m_{030}^{(21)} - m_{001}^{(20)}m_{200}^{(20)}m_{021}^{(11)} - m_{001}^{(20)}m_{200}^{(21)}m_{120}^{(21)}\\
&+m_{001}^{(20)}m_{200}^{(21)}m_{111}^{(11)} + m_{001}^{(20)}m_{110}^{(00)}m_{030}^{(22)} - m_{001}^{(20)}m_{110}^{(00)}m_{021}^{(21)} + m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(21)}\\
&-m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(20)} - m_{001}^{(20)}m_{110}^{(11)}m_{210}^{(22)} + m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(20)} - m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(21)}\\
&-m_{001}^{(20)}m_{110}^{(20)}m_{030}^{(20)} + 2m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(10)} + m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(21)} + m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(20)}\\
&-2m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(10)} - m_{001}^{(20)}m_{101}^{(00)}m_{030}^{(21)} + m_{001}^{(20)}m_{101}^{(00)}m_{021}^{(11)} - m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(11)}\\
&+2m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(20)} - m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(10)} + m_{001}^{(20)}m_{101}^{(11)}m_{210}^{(21)} - 2m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(20)}\\
&+m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(10)} + m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(11)} - m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(10)} - m_{001}^{(20)}m_{101}^{(21)}m_{210}^{(11)}\\
&+m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(10)} - m_{001}^{(20)}m_{020}^{(00)}m_{120}^{(22)} + m_{001}^{(20)}m_{020}^{(00)}m_{021}^{(20)} + m_{001}^{(20)}m_{020}^{(10)}m_{210}^{(22)}\\
&-m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(20)} + m_{001}^{(20)}m_{020}^{(20)}m_{120}^{(20)} - m_{001}^{(20)}m_{020}^{(20)}m_{021}^{(00)} - m_{001}^{(20)}m_{020}^{(21)}m_{210}^{(20)}\\
&+m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(00)} + 2m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(21)} - m_{001}^{(20)}m_{011}^{(00)}m_{030}^{(20)} - m_{001}^{(20)}m_{011}^{(00)}m_{021}^{(10)}\\
&-2m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(21)} + m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(10)} + m_{001}^{(20)}m_{011}^{(10)}m_{021}^{(00)} + m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(20)}\\
&-m_{001}^{(20)}m_{011}^{(11)}m_{111}^{(00)} - m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(10)} + m_{001}^{(20)}m_{011}^{(20)}m_{030}^{(00)} + m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(10)}\\
&-m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(00)} - m_{001}^{(20)}m_{002}^{(00)}m_{120}^{(11)} + m_{001}^{(20)}m_{002}^{(00)}m_{030}^{(10)} + m_{001}^{(20)}m_{002}^{(10)}m_{210}^{(11)}\\
&-m_{001}^{(20)}m_{002}^{(10)}m_{030}^{(00)} - m_{001}^{(20)}m_{002}^{(11)}m_{210}^{(10)} + m_{001}^{(20)}m_{002}^{(11)}m_{120}^{(00)} + m_{001}^{(21)}m_{200}^{(10)}m_{120}^{(22)}\\
&-m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(21)} - m_{001}^{(21)}m_{200}^{(11)}m_{210}^{(22)} + m_{001}^{(21)}m_{200}^{(11)}m_{201}^{(21)} - m_{001}^{(21)}m_{200}^{(20)}m_{120}^{(21)}\\
&+m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(11)} + m_{001}^{(21)}m_{200}^{(21)}m_{210}^{(21)} - m_{001}^{(21)}m_{200}^{(21)}m_{201}^{(11)} - m_{001}^{(21)}m_{110}^{(00)}m_{120}^{(22)}\\
&+m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(21)} - m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(21)} + m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(20)} + m_{001}^{(21)}m_{110}^{(11)}m_{300}^{(22)}\\
&-m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(20)} + m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(21)} + m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(20)} - 2m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(10)}\\
&-m_{001}^{(21)}m_{110}^{(21)}m_{300}^{(21)} - m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(20)} + 2m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(10)} + m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(21)}\\
&-m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(11)} + m_{001}^{(21)}m_{101}^{(10)}m_{201}^{(11)} - 2m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(20)} + m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(10)}\\
&-m_{001}^{(21)}m_{101}^{(11)}m_{300}^{(21)} + 2m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(20)} - m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(10)} - m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(11)}\\
&+m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(10)} + m_{001}^{(21)}m_{101}^{(21)}m_{300}^{(11)} - m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(10)} + m_{001}^{(21)}m_{020}^{(00)}m_{210}^{(22)}\\
&-m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(20)} - m_{001}^{(21)}m_{020}^{(10)}m_{300}^{(22)} + m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(20)} - m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(20)}\\
&+m_{001}^{(21)}m_{020}^{(20)}m_{111}^{(00)} + m_{001}^{(21)}m_{020}^{(21)}m_{300}^{(20)} - m_{001}^{(21)}m_{020}^{(21)}m_{201}^{(00)} - 2m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(21)}\\
&+m_{001}^{(21)}m_{011}^{(00)}m_{120}^{(20)} + m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(10)} + 2m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(21)} - m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(10)}\\
&-m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(00)} - m_{001}^{(21)}m_{011}^{(11)}m_{300}^{(20)} + m_{001}^{(21)}m_{011}^{(11)}m_{201}^{(00)} + m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(10)}\\
&-m_{001}^{(21)}m_{011}^{(20)}m_{120}^{(00)} - m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(10)} + m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(00)} + m_{001}^{(21)}m_{002}^{(00)}m_{210}^{(11)}\\
&-m_{001}^{(21)}m_{002}^{(00)}m_{120}^{(10)} - m_{001}^{(21)}m_{002}^{(10)}m_{300}^{(11)} + m_{001}^{(21)}m_{002}^{(10)}m_{120}^{(00)} + m_{001}^{(21)}m_{002}^{(11)}m_{300}^{(10)}\\
&-m_{001}^{(21)}m_{002}^{(11)}m_{210}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & 1 & V1 & 2\\
1 & V2 & 2 & V3\\
V2 & 2 & V3 & 3
\end{array}
$$



$$
\begin{aligned}
T_{79} \;=\;& m_{100}^{(10)} m_{200}^{(11)} m_{012}^{(22)} - m_{100}^{(10)} m_{200}^{(11)} m_{003}^{(21)} - m_{100}^{(10)} m_{200}^{(21)} m_{021}^{(22)} + m_{100}^{(10)} m_{200}^{(21)} m_{003}^{(11)} \\
&+ m_{100}^{(10)} m_{200}^{(22)} m_{021}^{(21)} - m_{100}^{(10)} m_{200}^{(22)} m_{012}^{(11)} - 2m_{100}^{(10)} m_{110}^{(10)} m_{012}^{(22)} + 2m_{100}^{(10)} m_{110}^{(10)} m_{003}^{(21)} \\
&+ m_{100}^{(10)} m_{110}^{(20)} m_{021}^{(22)} - m_{100}^{(10)} m_{110}^{(20)} m_{003}^{(11)} + m_{100}^{(10)} m_{110}^{(21)} m_{111}^{(22)} - m_{100}^{(10)} m_{110}^{(21)} m_{102}^{(21)} \\
&+ m_{100}^{(10)} m_{110}^{(21)} m_{012}^{(20)} - m_{100}^{(10)} m_{110}^{(21)} m_{003}^{(10)} - m_{100}^{(10)} m_{110}^{(22)} m_{111}^{(21)} + m_{100}^{(10)} m_{110}^{(22)} m_{102}^{(11)} \\
&- m_{100}^{(10)} m_{110}^{(22)} m_{021}^{(20)} + m_{100}^{(10)} m_{110}^{(22)} m_{012}^{(10)} + m_{100}^{(10)} m_{101}^{(10)} m_{021}^{(22)} - m_{100}^{(10)} m_{101}^{(10)} m_{003}^{(11)} \\
&- m_{100}^{(10)} m_{101}^{(11)} m_{111}^{(22)} + m_{100}^{(10)} m_{101}^{(11)} m_{102}^{(21)} - m_{100}^{(10)} m_{101}^{(11)} m_{012}^{(20)} + m_{100}^{(10)} m_{101}^{(11)} m_{003}^{(10)} \\
&- 2m_{100}^{(10)} m_{101}^{(20)} m_{021}^{(21)} + 2m_{100}^{(10)} m_{101}^{(20)} m_{012}^{(11)} + m_{100}^{(10)} m_{101}^{(21)} m_{111}^{(21)} - m_{100}^{(10)} m_{101}^{(21)} m_{102}^{(11)} \\
&+ m_{100}^{(10)} m_{101}^{(21)} m_{021}^{(20)} - m_{100}^{(10)} m_{101}^{(21)} m_{012}^{(10)} + m_{100}^{(10)} m_{020}^{(00)} m_{012}^{(22)} - m_{100}^{(10)} m_{020}^{(00)} m_{003}^{(21)} \\
&- m_{100}^{(10)} m_{020}^{(20)} m_{111}^{(22)} + m_{100}^{(10)} m_{020}^{(20)} m_{102}^{(21)} - m_{100}^{(10)} m_{020}^{(20)} m_{012}^{(20)} + m_{100}^{(10)} m_{020}^{(20)} m_{003}^{(10)} \\
&+ m_{100}^{(10)} m_{020}^{(22)} m_{111}^{(20)} - m_{100}^{(10)} m_{020}^{(22)} m_{102}^{(10)} - m_{100}^{(10)} m_{011}^{(00)} m_{021}^{(22)} + m_{100}^{(10)} m_{011}^{(00)} m_{003}^{(11)} \\
&+ m_{100}^{(10)} m_{011}^{(10)} m_{111}^{(22)} - m_{100}^{(10)} m_{011}^{(10)} m_{102}^{(21)} + m_{100}^{(10)} m_{011}^{(10)} m_{012}^{(20)} - m_{100}^{(10)} m_{011}^{(10)} m_{003}^{(10)} \\
&+ m_{100}^{(10)} m_{011}^{(20)} m_{111}^{(21)} - m_{100}^{(10)} m_{011}^{(20)} m_{102}^{(11)} + m_{100}^{(10)} m_{011}^{(20)} m_{021}^{(20)} - m_{100}^{(10)} m_{011}^{(20)} m_{012}^{(10)} \\
&- 2m_{100}^{(10)} m_{011}^{(21)} m_{111}^{(20)} + 2m_{100}^{(10)} m_{011}^{(21)} m_{102}^{(10)} + m_{100}^{(10)} m_{002}^{(00)} m_{021}^{(21)} - m_{100}^{(10)} m_{002}^{(00)} m_{012}^{(11)} \\
&- m_{100}^{(10)} m_{002}^{(10)} m_{111}^{(21)} + m_{100}^{(10)} m_{002}^{(10)} m_{102}^{(11)} - m_{100}^{(10)} m_{002}^{(10)} m_{021}^{(20)} + m_{100}^{(10)} m_{002}^{(10)} m_{012}^{(10)} \\
&+ m_{100}^{(10)} m_{002}^{(11)} m_{111}^{(20)} - m_{100}^{(10)} m_{002}^{(11)} m_{102}^{(10)} - m_{100}^{(11)} m_{200}^{(11)} m_{102}^{(22)} + m_{100}^{(11)} m_{200}^{(11)} m_{003}^{(20)} \\
&+ m_{100}^{(11)} m_{200}^{(21)} m_{111}^{(22)} + m_{100}^{(11)} m_{200}^{(21)} m_{102}^{(21)} - m_{100}^{(11)} m_{200}^{(21)} m_{012}^{(20)} - m_{100}^{(11)} m_{200}^{(21)} m_{003}^{(10)} \\
&- m_{100}^{(11)} m_{200}^{(22)} m_{111}^{(21)} + m_{100}^{(11)} m_{200}^{(22)} m_{012}^{(10)} + 2m_{100}^{(11)} m_{110}^{(10)} m_{102}^{(22)} - 2m_{100}^{(11)} m_{110}^{(10)} m_{003}^{(20)} \\
&- m_{100}^{(11)} m_{110}^{(20)} m_{111}^{(22)} - m_{100}^{(11)} m_{110}^{(20)} m_{102}^{(21)} + m_{100}^{(11)} m_{110}^{(20)} m_{012}^{(20)} + m_{100}^{(11)} m_{110}^{(20)} m_{003}^{(10)} \\
&- m_{100}^{(11)} m_{110}^{(21)} m_{201}^{(22)} + m_{100}^{(11)} m_{110}^{(21)} m_{003}^{(00)} + m_{100}^{(11)} m_{110}^{(22)} m_{201}^{(21)} + m_{100}^{(11)} m_{110}^{(22)} m_{111}^{(20)} \\
&- m_{100}^{(11)} m_{110}^{(22)} m_{102}^{(10)} - m_{100}^{(11)} m_{110}^{(22)} m_{012}^{(00)} - m_{100}^{(11)} m_{101}^{(10)} m_{111}^{(22)} - m_{100}^{(11)} m_{101}^{(10)} m_{102}^{(21)} \\
&+ m_{100}^{(11)} m_{101}^{(10)} m_{012}^{(20)} + m_{100}^{(11)} m_{101}^{(10)} m_{003}^{(10)} + m_{100}^{(11)} m_{101}^{(11)} m_{201}^{(22)} - m_{100}^{(11)} m_{101}^{(11)} m_{003}^{(00)} \\
&+ 2m_{100}^{(11)} m_{101}^{(20)} m_{111}^{(21)} - 2m_{100}^{(11)} m_{101}^{(20)} m_{012}^{(10)} - m_{100}^{(11)} m_{101}^{(21)} m_{201}^{(21)} - m_{100}^{(11)} m_{101}^{(21)} m_{111}^{(20)} \\
&+ m_{100}^{(11)} m_{101}^{(21)} m_{102}^{(10)} + m_{100}^{(11)} m_{101}^{(21)} m_{012}^{(00)} - m_{100}^{(11)} m_{020}^{(00)} m_{102}^{(22)} + m_{100}^{(11)} m_{020}^{(00)} m_{003}^{(20)} \\
&+ m_{100}^{(11)} m_{020}^{(20)} m_{201}^{(22)} - m_{100}^{(11)} m_{020}^{(20)} m_{003}^{(00)} - m_{100}^{(11)} m_{020}^{(22)} m_{201}^{(20)} + m_{100}^{(11)} m_{020}^{(22)} m_{102}^{(00)} \\
&+ m_{100}^{(11)} m_{011}^{(00)} m_{111}^{(22)} + m_{100}^{(11)} m_{011}^{(00)} m_{102}^{(21)} - m_{100}^{(11)} m_{011}^{(00)} m_{012}^{(20)} - m_{100}^{(11)} m_{011}^{(00)} m_{003}^{(10)} \\
&- m_{100}^{(11)} m_{011}^{(10)} m_{201}^{(22)} + m_{100}^{(11)} m_{011}^{(10)} m_{003}^{(00)} - m_{100}^{(11)} m_{011}^{(20)} m_{201}^{(21)} - m_{100}^{(11)} m_{011}^{(20)} m_{111}^{(20)} \\
&+ m_{100}^{(11)} m_{011}^{(20)} m_{102}^{(10)} + m_{100}^{(11)} m_{011}^{(20)} m_{012}^{(00)} + 2m_{100}^{(11)} m_{011}^{(21)} m_{201}^{(20)} - 2m_{100}^{(11)} m_{011}^{(21)} m_{102}^{(00)} \\
&- m_{100}^{(11)} m_{002}^{(00)} m_{111}^{(21)} + m_{100}^{(11)} m_{002}^{(00)} m_{012}^{(10)} + m_{100}^{(11)} m_{002}^{(10)} m_{201}^{(21)} + m_{100}^{(11)} m_{002}^{(10)} m_{111}^{(20)} \\
&- m_{100}^{(11)} m_{002}^{(10)} m_{102}^{(10)} - m_{100}^{(11)} m_{002}^{(10)} m_{012}^{(00)} - m_{100}^{(11)} m_{002}^{(11)} m_{201}^{(20)} + m_{100}^{(11)} m_{002}^{(11)} m_{102}^{(00)} \\
&- m_{100}^{(20)} m_{200}^{(11)} m_{021}^{(22)} + m_{100}^{(20)} m_{200}^{(11)} m_{012}^{(21)} + m_{100}^{(20)} m_{200}^{(21)} m_{030}^{(22)} - m_{100}^{(20)} m_{200}^{(21)} m_{012}^{(11)} \\
&- m_{100}^{(20)} m_{200}^{(22)} m_{030}^{(21)} + m_{100}^{(20)} m_{200}^{(22)} m_{021}^{(11)} + 2m_{100}^{(20)} m_{110}^{(10)} m_{021}^{(22)} - 2m_{100}^{(20)} m_{110}^{(10)} m_{012}^{(21)} \\
&- m_{100}^{(20)} m_{110}^{(20)} m_{030}^{(22)} + m_{100}^{(20)} m_{110}^{(20)} m_{012}^{(11)} - m_{100}^{(20)} m_{110}^{(21)} m_{120}^{(22)} + m_{100}^{(20)} m_{110}^{(21)} m_{111}^{(21)} \\
&- m_{100}^{(20)} m_{110}^{(21)} m_{021}^{(20)} + m_{100}^{(20)} m_{110}^{(21)} m_{012}^{(10)} + m_{100}^{(20)} m_{110}^{(22)} m_{120}^{(21)} - m_{100}^{(20)} m_{110}^{(22)} m_{111}^{(11)} \\
&+ m_{100}^{(20)} m_{110}^{(22)} m_{030}^{(20)} - m_{100}^{(20)} m_{110}^{(22)} m_{021}^{(10)} - m_{100}^{(20)} m_{101}^{(10)} m_{030}^{(22)} + m_{100}^{(20)} m_{101}^{(10)} m_{012}^{(11)} \\
&+ m_{100}^{(20)} m_{101}^{(11)} m_{120}^{(22)} - m_{100}^{(20)} m_{101}^{(11)} m_{111}^{(21)} + m_{100}^{(20)} m_{101}^{(11)} m_{021}^{(20)} - m_{100}^{(20)} m_{101}^{(11)} m_{012}^{(10)} \\
&+ 2m_{100}^{(20)} m_{101}^{(20)} m_{030}^{(21)} - 2m_{100}^{(20)} m_{101}^{(20)} m_{021}^{(11)} - m_{100}^{(20)} m_{101}^{(21)} m_{120}^{(21)} + m_{100}^{(20)} m_{101}^{(21)} m_{111}^{(11)} \\
&- m_{100}^{(20)} m_{101}^{(21)} m_{030}^{(20)} + m_{100}^{(20)} m_{101}^{(21)} m_{021}^{(10)} - m_{100}^{(20)} m_{020}^{(00)} m_{021}^{(22)} + m_{100}^{(20)} m_{020}^{(00)} m_{012}^{(21)} \\
&+ m_{100}^{(20)} m_{020}^{(20)} m_{120}^{(22)} - m_{100}^{(20)} m_{020}^{(20)} m_{111}^{(21)} + m_{100}^{(20)} m_{020}^{(20)} m_{021}^{(20)} - m_{100}^{(20)} m_{020}^{(20)} m_{012}^{(10)}
\end{aligned}
$$

$$
\begin{aligned}
&-m_{100}^{(20)}m_{020}^{(22)}m_{120}^{(20)}+m_{100}^{(20)}m_{020}^{(22)}m_{111}^{(10)}+m_{100}^{(20)}m_{011}^{(00)}m_{030}^{(22)}-m_{100}^{(20)}m_{011}^{(00)}m_{012}^{(11)}\\
&-m_{100}^{(20)}m_{011}^{(10)}m_{120}^{(22)}+m_{100}^{(20)}m_{011}^{(10)}m_{111}^{(21)}-m_{100}^{(20)}m_{011}^{(10)}m_{021}^{(20)}+m_{100}^{(20)}m_{011}^{(10)}m_{012}^{(10)}\\
&-m_{100}^{(20)}m_{011}^{(20)}m_{120}^{(21)}+m_{100}^{(20)}m_{011}^{(20)}m_{111}^{(11)}-m_{100}^{(20)}m_{011}^{(20)}m_{030}^{(20)}+m_{100}^{(20)}m_{011}^{(20)}m_{021}^{(10)}\\
&+2m_{100}^{(20)}m_{011}^{(21)}m_{120}^{(20)}-2m_{100}^{(20)}m_{011}^{(21)}m_{111}^{(10)}-m_{100}^{(20)}m_{002}^{(00)}m_{030}^{(21)}+m_{100}^{(20)}m_{002}^{(00)}m_{021}^{(11)}\\
&+m_{100}^{(20)}m_{002}^{(10)}m_{120}^{(21)}-m_{100}^{(20)}m_{002}^{(10)}m_{111}^{(11)}+m_{100}^{(20)}m_{002}^{(10)}m_{030}^{(20)}-m_{100}^{(20)}m_{002}^{(10)}m_{021}^{(10)}\\
&-m_{100}^{(20)}m_{002}^{(11)}m_{120}^{(20)}+m_{100}^{(20)}m_{002}^{(11)}m_{111}^{(10)}+m_{100}^{(21)}m_{200}^{(11)}m_{111}^{(22)}+m_{100}^{(21)}m_{200}^{(11)}m_{102}^{(21)}\\
&-2m_{100}^{(21)}m_{200}^{(11)}m_{012}^{(20)}-m_{100}^{(21)}m_{200}^{(21)}m_{120}^{(22)}-2m_{100}^{(21)}m_{200}^{(21)}m_{111}^{(21)}-m_{100}^{(21)}m_{200}^{(21)}m_{102}^{(11)}\\
&+2m_{100}^{(21)}m_{200}^{(21)}m_{021}^{(20)}+2m_{100}^{(21)}m_{200}^{(21)}m_{012}^{(10)}+m_{100}^{(21)}m_{200}^{(22)}m_{120}^{(21)}+m_{100}^{(21)}m_{200}^{(22)}m_{111}^{(11)}\\
&-2m_{100}^{(21)}m_{200}^{(22)}m_{021}^{(10)}-2m_{100}^{(21)}m_{110}^{(10)}m_{111}^{(22)}-2m_{100}^{(21)}m_{110}^{(10)}m_{102}^{(21)}+4m_{100}^{(21)}m_{110}^{(10)}m_{012}^{(20)}\\
&+m_{100}^{(21)}m_{110}^{(20)}m_{120}^{(22)}+2m_{100}^{(21)}m_{110}^{(20)}m_{111}^{(21)}+m_{100}^{(21)}m_{110}^{(20)}m_{102}^{(11)}-2m_{100}^{(21)}m_{110}^{(20)}m_{021}^{(20)}\\
&-2m_{100}^{(21)}m_{110}^{(20)}m_{012}^{(10)}+m_{100}^{(21)}m_{110}^{(21)}m_{210}^{(22)}+m_{100}^{(21)}m_{110}^{(21)}m_{201}^{(21)}-m_{100}^{(21)}m_{110}^{(21)}m_{111}^{(20)}\\
&+m_{100}^{(21)}m_{110}^{(21)}m_{102}^{(10)}-2m_{100}^{(21)}m_{110}^{(21)}m_{012}^{(00)}-m_{100}^{(21)}m_{110}^{(22)}m_{210}^{(21)}-m_{100}^{(21)}m_{110}^{(22)}m_{201}^{(11)}\\
&-m_{100}^{(21)}m_{110}^{(22)}m_{120}^{(20)}+m_{100}^{(21)}m_{110}^{(22)}m_{111}^{(10)}+2m_{100}^{(21)}m_{110}^{(22)}m_{021}^{(00)}+m_{100}^{(21)}m_{101}^{(10)}m_{120}^{(22)}\\
&+2m_{100}^{(21)}m_{101}^{(10)}m_{111}^{(21)}+m_{100}^{(21)}m_{101}^{(10)}m_{102}^{(11)}-2m_{100}^{(21)}m_{101}^{(10)}m_{021}^{(20)}-2m_{100}^{(21)}m_{101}^{(10)}m_{012}^{(10)}\\
&-m_{100}^{(21)}m_{101}^{(11)}m_{210}^{(22)}-m_{100}^{(21)}m_{101}^{(11)}m_{201}^{(21)}+m_{100}^{(21)}m_{101}^{(11)}m_{111}^{(20)}-m_{100}^{(21)}m_{101}^{(11)}m_{102}^{(10)}\\
&+2m_{100}^{(21)}m_{101}^{(11)}m_{012}^{(00)}-2m_{100}^{(21)}m_{101}^{(20)}m_{120}^{(21)}-2m_{100}^{(21)}m_{101}^{(20)}m_{111}^{(11)}+4m_{100}^{(21)}m_{101}^{(20)}m_{021}^{(10)}\\
&+m_{100}^{(21)}m_{101}^{(21)}m_{210}^{(21)}+m_{100}^{(21)}m_{101}^{(21)}m_{201}^{(11)}+m_{100}^{(21)}m_{101}^{(21)}m_{120}^{(20)}-m_{100}^{(21)}m_{101}^{(21)}m_{111}^{(10)}\\
&-2m_{100}^{(21)}m_{101}^{(21)}m_{021}^{(00)}+m_{100}^{(21)}m_{020}^{(00)}m_{111}^{(22)}+m_{100}^{(21)}m_{020}^{(00)}m_{102}^{(21)}-2m_{100}^{(21)}m_{020}^{(00)}m_{012}^{(20)}\\
&-m_{100}^{(21)}m_{020}^{(20)}m_{210}^{(22)}-m_{100}^{(21)}m_{020}^{(20)}m_{201}^{(21)}+m_{100}^{(21)}m_{020}^{(20)}m_{111}^{(20)}-m_{100}^{(21)}m_{020}^{(20)}m_{102}^{(10)}\\
&+2m_{100}^{(21)}m_{020}^{(20)}m_{012}^{(00)}+m_{100}^{(21)}m_{020}^{(22)}m_{210}^{(20)}+m_{100}^{(21)}m_{020}^{(22)}m_{201}^{(10)}-2m_{100}^{(21)}m_{020}^{(22)}m_{111}^{(00)}\\
&-m_{100}^{(21)}m_{011}^{(00)}m_{120}^{(22)}-2m_{100}^{(21)}m_{011}^{(00)}m_{111}^{(21)}-m_{100}^{(21)}m_{011}^{(00)}m_{102}^{(11)}+2m_{100}^{(21)}m_{011}^{(00)}m_{021}^{(20)}\\
&+2m_{100}^{(21)}m_{011}^{(00)}m_{012}^{(10)}+m_{100}^{(21)}m_{011}^{(10)}m_{210}^{(22)}+m_{100}^{(21)}m_{011}^{(10)}m_{201}^{(21)}-m_{100}^{(21)}m_{011}^{(10)}m_{111}^{(20)}\\
&+m_{100}^{(21)}m_{011}^{(10)}m_{102}^{(10)}-2m_{100}^{(21)}m_{011}^{(10)}m_{012}^{(00)}+m_{100}^{(21)}m_{011}^{(20)}m_{210}^{(21)}+m_{100}^{(21)}m_{011}^{(20)}m_{201}^{(11)}\\
&+m_{100}^{(21)}m_{011}^{(20)}m_{120}^{(20)}-m_{100}^{(21)}m_{011}^{(20)}m_{111}^{(10)}-2m_{100}^{(21)}m_{011}^{(20)}m_{021}^{(00)}-2m_{100}^{(21)}m_{011}^{(21)}m_{210}^{(20)}\\
&-2m_{100}^{(21)}m_{011}^{(21)}m_{201}^{(10)}+4m_{100}^{(21)}m_{011}^{(21)}m_{111}^{(00)}+m_{100}^{(21)}m_{002}^{(00)}m_{120}^{(21)}+m_{100}^{(21)}m_{002}^{(00)}m_{111}^{(11)}\\
&-2m_{100}^{(21)}m_{002}^{(00)}m_{021}^{(10)}-m_{100}^{(21)}m_{002}^{(10)}m_{210}^{(21)}-m_{100}^{(21)}m_{002}^{(10)}m_{201}^{(11)}-m_{100}^{(21)}m_{002}^{(10)}m_{120}^{(20)}\\
&+m_{100}^{(21)}m_{002}^{(10)}m_{111}^{(10)}+2m_{100}^{(21)}m_{002}^{(10)}m_{021}^{(00)}+m_{100}^{(21)}m_{002}^{(11)}m_{210}^{(20)}+m_{100}^{(21)}m_{002}^{(11)}m_{201}^{(10)}\\
&-2m_{100}^{(21)}m_{002}^{(11)}m_{111}^{(00)}-m_{100}^{(22)}m_{200}^{(11)}m_{111}^{(21)}+m_{100}^{(22)}m_{200}^{(11)}m_{021}^{(20)}+m_{100}^{(22)}m_{200}^{(21)}m_{120}^{(21)}\\
&+m_{100}^{(22)}m_{200}^{(21)}m_{111}^{(11)}-m_{100}^{(22)}m_{200}^{(21)}m_{030}^{(20)}-m_{100}^{(22)}m_{200}^{(21)}m_{021}^{(10)}-m_{100}^{(22)}m_{200}^{(22)}m_{120}^{(11)}\\
&+m_{100}^{(22)}m_{200}^{(22)}m_{030}^{(10)}+2m_{100}^{(22)}m_{110}^{(10)}m_{111}^{(21)}-2m_{100}^{(22)}m_{110}^{(10)}m_{021}^{(20)}-m_{100}^{(22)}m_{110}^{(20)}m_{110}^{(21)}\\
&-m_{100}^{(22)}m_{110}^{(20)}m_{111}^{(11)}+m_{100}^{(22)}m_{110}^{(20)}m_{030}^{(20)}+m_{100}^{(22)}m_{110}^{(20)}m_{021}^{(10)}-m_{100}^{(22)}m_{110}^{(21)}m_{210}^{(21)}\\
&+m_{100}^{(22)}m_{110}^{(21)}m_{120}^{(20)}-m_{100}^{(22)}m_{110}^{(21)}m_{111}^{(10)}+m_{100}^{(22)}m_{110}^{(21)}m_{021}^{(00)}+m_{100}^{(22)}m_{110}^{(22)}m_{210}^{(11)}\\
&-m_{100}^{(22)}m_{110}^{(22)}m_{030}^{(00)}-m_{100}^{(22)}m_{101}^{(10)}m_{120}^{(21)}-m_{100}^{(22)}m_{101}^{(10)}m_{111}^{(11)}+m_{100}^{(22)}m_{101}^{(10)}m_{030}^{(20)}\\
&+m_{100}^{(22)}m_{101}^{(10)}m_{021}^{(10)}+m_{100}^{(22)}m_{101}^{(11)}m_{210}^{(20)}-m_{100}^{(22)}m_{101}^{(11)}m_{120}^{(20)}+m_{100}^{(22)}m_{101}^{(11)}m_{111}^{(10)}\\
&-m_{100}^{(22)}m_{101}^{(11)}m_{021}^{(00)}+2m_{100}^{(22)}m_{101}^{(20)}m_{120}^{(11)}-2m_{100}^{(22)}m_{101}^{(20)}m_{030}^{(10)}-m_{100}^{(22)}m_{101}^{(21)}m_{210}^{(11)}\\
&+m_{100}^{(22)}m_{101}^{(21)}m_{030}^{(00)}-m_{100}^{(22)}m_{020}^{(00)}m_{111}^{(21)}+m_{100}^{(22)}m_{020}^{(00)}m_{021}^{(20)}+m_{100}^{(22)}m_{020}^{(20)}m_{210}^{(21)}\\
&-m_{100}^{(22)}m_{020}^{(20)}m_{120}^{(20)}+m_{100}^{(22)}m_{020}^{(20)}m_{111}^{(10)}-m_{100}^{(22)}m_{020}^{(20)}m_{021}^{(00)}-m_{100}^{(22)}m_{020}^{(22)}m_{210}^{(10)}\\
&+m_{100}^{(22)}m_{020}^{(22)}m_{120}^{(00)}+m_{100}^{(22)}m_{011}^{(00)}m_{120}^{(21)}+m_{100}^{(22)}m_{011}^{(00)}m_{111}^{(11)}-m_{100}^{(22)}m_{011}^{(00)}m_{030}^{(20)}
\end{aligned}
$$

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\begin{aligned}
&-m_{100}^{(22)}m_{011}^{(00)}m_{021}^{(10)} - m_{100}^{(22)}m_{011}^{(10)}m_{210}^{(21)} + m_{100}^{(22)}m_{011}^{(10)}m_{120}^{(20)} - m_{100}^{(22)}m_{011}^{(10)}m_{111}^{(10)}\\
&+m_{100}^{(22)}m_{011}^{(10)}m_{021}^{(00)} - m_{100}^{(22)}m_{011}^{(20)}m_{210}^{(11)} + m_{100}^{(22)}m_{011}^{(20)}m_{030}^{(00)} + 2m_{100}^{(22)}m_{011}^{(21)}m_{210}^{(10)}\\
&-2m_{100}^{(22)}m_{011}^{(21)}m_{120}^{(00)} - m_{100}^{(22)}m_{002}^{(00)}m_{120}^{(11)} + m_{100}^{(22)}m_{002}^{(00)}m_{030}^{(10)} + m_{100}^{(22)}m_{002}^{(10)}m_{210}^{(11)}\\
&-m_{100}^{(22)}m_{002}^{(10)}m_{030}^{(00)} - m_{100}^{(22)}m_{002}^{(11)}m_{210}^{(10)} + m_{100}^{(22)}m_{002}^{(11)}m_{120}^{(00)} - m_{010}^{(00)}m_{200}^{(11)}m_{012}^{(22)}\\
&+m_{010}^{(00)}m_{200}^{(11)}m_{003}^{(21)} + m_{010}^{(00)}m_{200}^{(21)}m_{021}^{(22)} - m_{010}^{(00)}m_{200}^{(21)}m_{003}^{(11)} - m_{010}^{(00)}m_{200}^{(22)}m_{021}^{(21)}\\
&+m_{010}^{(00)}m_{200}^{(22)}m_{012}^{(11)} + 2m_{010}^{(00)}m_{110}^{(10)}m_{012}^{(22)} - 2m_{010}^{(00)}m_{110}^{(10)}m_{003}^{(21)} - m_{010}^{(00)}m_{110}^{(20)}m_{021}^{(22)}\\
&+m_{010}^{(00)}m_{110}^{(20)}m_{003}^{(11)} - m_{010}^{(00)}m_{110}^{(21)}m_{111}^{(22)} + m_{010}^{(00)}m_{110}^{(21)}m_{102}^{(21)} - m_{010}^{(00)}m_{110}^{(21)}m_{012}^{(20)}\\
&+m_{010}^{(00)}m_{110}^{(21)}m_{003}^{(10)} + m_{010}^{(00)}m_{110}^{(22)}m_{111}^{(21)} - m_{010}^{(00)}m_{110}^{(22)}m_{102}^{(11)} + m_{010}^{(00)}m_{110}^{(22)}m_{021}^{(20)}\\
&-m_{010}^{(00)}m_{110}^{(22)}m_{012}^{(10)} - m_{010}^{(00)}m_{101}^{(10)}m_{021}^{(22)} + m_{010}^{(00)}m_{101}^{(10)}m_{003}^{(11)} + m_{010}^{(00)}m_{101}^{(11)}m_{111}^{(22)}\\
&-m_{010}^{(00)}m_{101}^{(11)}m_{102}^{(21)} + m_{010}^{(00)}m_{101}^{(11)}m_{012}^{(20)} - m_{010}^{(00)}m_{101}^{(11)}m_{003}^{(10)} + 2m_{010}^{(00)}m_{101}^{(20)}m_{021}^{(21)}\\
&-2m_{010}^{(00)}m_{101}^{(20)}m_{012}^{(11)} - m_{010}^{(00)}m_{101}^{(21)}m_{111}^{(21)} + m_{010}^{(00)}m_{101}^{(21)}m_{102}^{(11)} - m_{010}^{(00)}m_{101}^{(21)}m_{021}^{(20)}\\
&+m_{010}^{(00)}m_{101}^{(21)}m_{012}^{(10)} - m_{010}^{(00)}m_{020}^{(00)}m_{012}^{(22)} + m_{010}^{(00)}m_{020}^{(00)}m_{003}^{(21)} + m_{010}^{(00)}m_{020}^{(20)}m_{111}^{(22)}\\
&-m_{010}^{(00)}m_{020}^{(20)}m_{102}^{(21)} + m_{010}^{(00)}m_{020}^{(20)}m_{012}^{(20)} - m_{010}^{(00)}m_{020}^{(20)}m_{003}^{(10)} - m_{010}^{(00)}m_{020}^{(22)}m_{111}^{(20)}\\
&+m_{010}^{(00)}m_{020}^{(22)}m_{102}^{(10)} + m_{010}^{(00)}m_{011}^{(00)}m_{021}^{(22)} - m_{010}^{(00)}m_{011}^{(00)}m_{003}^{(11)} - m_{010}^{(00)}m_{011}^{(10)}m_{111}^{(22)}\\
&+m_{010}^{(00)}m_{011}^{(10)}m_{102}^{(21)} - m_{010}^{(00)}m_{011}^{(10)}m_{012}^{(20)} + m_{010}^{(00)}m_{011}^{(10)}m_{003}^{(10)} - m_{010}^{(00)}m_{011}^{(20)}m_{111}^{(21)}\\
&+m_{010}^{(00)}m_{011}^{(20)}m_{102}^{(11)} - m_{010}^{(00)}m_{011}^{(20)}m_{021}^{(20)} + m_{010}^{(00)}m_{011}^{(20)}m_{012}^{(10)} + 2m_{010}^{(00)}m_{011}^{(21)}m_{111}^{(20)}\\
&-2m_{010}^{(00)}m_{011}^{(21)}m_{102}^{(10)} - m_{010}^{(00)}m_{002}^{(00)}m_{021}^{(21)} + m_{010}^{(00)}m_{002}^{(00)}m_{012}^{(11)} + m_{010}^{(00)}m_{002}^{(10)}m_{111}^{(21)}\\
&-m_{010}^{(00)}m_{002}^{(10)}m_{102}^{(11)} + m_{010}^{(00)}m_{002}^{(10)}m_{021}^{(20)} - m_{010}^{(00)}m_{002}^{(10)}m_{012}^{(10)} - m_{010}^{(00)}m_{002}^{(11)}m_{111}^{(20)}\\
&+m_{010}^{(00)}m_{002}^{(11)}m_{102}^{(10)} + m_{010}^{(10)}m_{200}^{(11)}m_{102}^{(22)} - m_{010}^{(10)}m_{200}^{(11)}m_{003}^{(20)} - m_{010}^{(10)}m_{200}^{(21)}m_{111}^{(22)}\\
&-m_{010}^{(10)}m_{200}^{(21)}m_{102}^{(21)} + m_{010}^{(10)}m_{200}^{(21)}m_{012}^{(20)} + m_{010}^{(10)}m_{200}^{(21)}m_{003}^{(10)} + m_{010}^{(10)}m_{200}^{(22)}m_{111}^{(21)}\\
&-m_{010}^{(10)}m_{200}^{(22)}m_{012}^{(10)} - 2m_{010}^{(10)}m_{110}^{(10)}m_{102}^{(22)} + 2m_{010}^{(10)}m_{110}^{(10)}m_{003}^{(20)} + m_{010}^{(10)}m_{110}^{(20)}m_{111}^{(22)}\\
&+m_{010}^{(10)}m_{110}^{(20)}m_{102}^{(21)} - m_{010}^{(10)}m_{110}^{(20)}m_{012}^{(20)} - m_{010}^{(10)}m_{110}^{(20)}m_{003}^{(10)} + m_{010}^{(10)}m_{110}^{(21)}m_{201}^{(22)}\\
&-m_{010}^{(10)}m_{110}^{(21)}m_{003}^{(00)} - m_{010}^{(10)}m_{110}^{(22)}m_{201}^{(21)} - m_{010}^{(10)}m_{110}^{(22)}m_{111}^{(20)} + m_{010}^{(10)}m_{110}^{(22)}m_{102}^{(10)}\\
&+m_{010}^{(10)}m_{110}^{(22)}m_{012}^{(00)} + m_{010}^{(10)}m_{101}^{(10)}m_{111}^{(22)} + m_{010}^{(10)}m_{101}^{(10)}m_{102}^{(21)} - m_{010}^{(10)}m_{101}^{(10)}m_{012}^{(20)}\\
&-m_{010}^{(10)}m_{101}^{(10)}m_{003}^{(10)} - m_{010}^{(10)}m_{101}^{(11)}m_{201}^{(22)} + m_{010}^{(10)}m_{101}^{(11)}m_{003}^{(00)} - 2m_{010}^{(10)}m_{101}^{(20)}m_{111}^{(21)}\\
&+2m_{010}^{(10)}m_{101}^{(20)}m_{012}^{(10)} + m_{010}^{(10)}m_{101}^{(21)}m_{201}^{(21)} + m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(20)} - m_{010}^{(10)}m_{101}^{(21)}m_{102}^{(10)}\\
&-m_{010}^{(10)}m_{101}^{(21)}m_{012}^{(00)} + m_{010}^{(10)}m_{020}^{(00)}m_{102}^{(22)} - m_{010}^{(10)}m_{020}^{(00)}m_{003}^{(20)} - m_{010}^{(10)}m_{020}^{(20)}m_{201}^{(22)}\\
&+m_{010}^{(10)}m_{020}^{(20)}m_{003}^{(00)} + m_{010}^{(10)}m_{020}^{(22)}m_{201}^{(20)} - m_{010}^{(10)}m_{020}^{(22)}m_{102}^{(00)} - m_{010}^{(10)}m_{011}^{(00)}m_{111}^{(22)}\\
&-m_{010}^{(10)}m_{011}^{(00)}m_{102}^{(21)} + m_{010}^{(10)}m_{011}^{(00)}m_{012}^{(20)} + m_{010}^{(10)}m_{011}^{(00)}m_{003}^{(10)} + m_{010}^{(10)}m_{011}^{(10)}m_{201}^{(22)}\\
&-m_{010}^{(10)}m_{011}^{(10)}m_{003}^{(00)} + m_{010}^{(10)}m_{011}^{(20)}m_{201}^{(21)} + m_{010}^{(10)}m_{011}^{(20)}m_{111}^{(20)} - m_{010}^{(10)}m_{011}^{(20)}m_{102}^{(10)}\\
&-m_{010}^{(10)}m_{011}^{(20)}m_{012}^{(00)} - 2m_{010}^{(10)}m_{011}^{(21)}m_{201}^{(20)} + 2m_{010}^{(10)}m_{011}^{(21)}m_{102}^{(00)} + m_{010}^{(10)}m_{002}^{(00)}m_{111}^{(21)}\\
&-m_{010}^{(10)}m_{002}^{(00)}m_{012}^{(10)} - m_{010}^{(10)}m_{002}^{(10)}m_{201}^{(21)} - m_{010}^{(10)}m_{002}^{(10)}m_{111}^{(20)} + m_{010}^{(10)}m_{002}^{(10)}m_{102}^{(10)}\\
&+m_{010}^{(10)}m_{002}^{(10)}m_{012}^{(00)} + m_{010}^{(10)}m_{002}^{(11)}m_{201}^{(20)} - m_{010}^{(10)}m_{002}^{(11)}m_{102}^{(00)} + m_{010}^{(20)}m_{200}^{(11)}m_{111}^{(22)}\\
&-2m_{010}^{(20)}m_{200}^{(11)}m_{102}^{(21)} + m_{010}^{(20)}m_{200}^{(11)}m_{012}^{(20)} - m_{010}^{(20)}m_{200}^{(21)}m_{120}^{(22)} + m_{010}^{(20)}m_{200}^{(21)}m_{111}^{(21)}\\
&+2m_{010}^{(20)}m_{200}^{(21)}m_{102}^{(11)} - m_{010}^{(20)}m_{200}^{(21)}m_{021}^{(20)} - m_{010}^{(20)}m_{200}^{(21)}m_{012}^{(10)} + m_{010}^{(20)}m_{200}^{(22)}m_{120}^{(21)}\\
&-2m_{010}^{(20)}m_{200}^{(22)}m_{111}^{(11)} + m_{010}^{(20)}m_{200}^{(22)}m_{021}^{(10)} - 2m_{010}^{(20)}m_{110}^{(10)}m_{111}^{(22)} + 4m_{010}^{(20)}m_{110}^{(10)}m_{102}^{(21)}\\
&-2m_{010}^{(20)}m_{110}^{(10)}m_{012}^{(20)} + m_{010}^{(20)}m_{110}^{(20)}m_{120}^{(22)} - m_{010}^{(20)}m_{110}^{(20)}m_{111}^{(21)} - 2m_{010}^{(20)}m_{110}^{(20)}m_{102}^{(11)}\\
&+m_{010}^{(20)}m_{110}^{(20)}m_{021}^{(20)} + m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(10)} + m_{010}^{(20)}m_{110}^{(21)}m_{210}^{(22)} - 2m_{010}^{(20)}m_{110}^{(21)}m_{201}^{(21)}
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&+2m_{010}^{(20)}m_{110}^{(21)}m_{111}^{(20)} - 2m_{010}^{(20)}m_{110}^{(21)}m_{102}^{(10)} + m_{010}^{(20)}m_{110}^{(21)}m_{012}^{(00)} - m_{010}^{(20)}m_{110}^{(22)}m_{210}^{(21)}\\
&+2m_{010}^{(20)}m_{110}^{(22)}m_{201}^{(11)} - m_{010}^{(20)}m_{110}^{(22)}m_{120}^{(20)} + m_{010}^{(20)}m_{110}^{(22)}m_{111}^{(10)} - m_{010}^{(20)}m_{110}^{(22)}m_{021}^{(00)}\\
&+m_{010}^{(20)}m_{101}^{(10)}m_{120}^{(22)} - m_{010}^{(20)}m_{101}^{(10)}m_{111}^{(21)} - 2m_{010}^{(20)}m_{101}^{(10)}m_{102}^{(11)} + m_{010}^{(20)}m_{101}^{(10)}m_{021}^{(20)}\\
&+m_{010}^{(20)}m_{101}^{(10)}m_{012}^{(10)} - m_{010}^{(20)}m_{101}^{(11)}m_{210}^{(22)} + 2m_{010}^{(20)}m_{101}^{(11)}m_{201}^{(21)} - 2m_{010}^{(20)}m_{101}^{(11)}m_{111}^{(20)}\\
&+2m_{010}^{(20)}m_{101}^{(11)}m_{102}^{(10)} - m_{010}^{(20)}m_{101}^{(11)}m_{012}^{(00)} - 2m_{010}^{(20)}m_{101}^{(20)}m_{120}^{(21)} + 4m_{010}^{(20)}m_{101}^{(20)}m_{111}^{(11)}\\
&-2m_{010}^{(20)}m_{101}^{(20)}m_{021}^{(10)} + m_{010}^{(20)}m_{101}^{(21)}m_{210}^{(21)} - 2m_{010}^{(20)}m_{101}^{(21)}m_{201}^{(11)} + m_{010}^{(20)}m_{101}^{(21)}m_{120}^{(20)}\\
&-m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(10)} + m_{010}^{(20)}m_{101}^{(21)}m_{021}^{(00)} + m_{010}^{(20)}m_{020}^{(00)}m_{111}^{(22)} - 2m_{010}^{(20)}m_{020}^{(00)}m_{102}^{(21)}\\
&+m_{010}^{(20)}m_{020}^{(00)}m_{012}^{(20)} - m_{010}^{(20)}m_{020}^{(20)}m_{210}^{(22)} + 2m_{010}^{(20)}m_{020}^{(20)}m_{201}^{(21)} - 2m_{010}^{(20)}m_{020}^{(20)}m_{111}^{(20)}\\
&+2m_{010}^{(20)}m_{020}^{(20)}m_{102}^{(10)} - m_{010}^{(20)}m_{020}^{(20)}m_{012}^{(00)} + m_{010}^{(20)}m_{020}^{(22)}m_{210}^{(20)} - 2m_{010}^{(20)}m_{020}^{(22)}m_{201}^{(10)}\\
&+m_{010}^{(20)}m_{020}^{(22)}m_{111}^{(00)} - m_{010}^{(20)}m_{011}^{(00)}m_{120}^{(22)} + m_{010}^{(20)}m_{011}^{(00)}m_{111}^{(21)} + 2m_{010}^{(20)}m_{011}^{(00)}m_{102}^{(11)}\\
&-m_{010}^{(20)}m_{011}^{(00)}m_{021}^{(20)} - m_{010}^{(20)}m_{011}^{(00)}m_{012}^{(10)} + m_{010}^{(20)}m_{011}^{(10)}m_{210}^{(22)} - 2m_{010}^{(20)}m_{011}^{(10)}m_{201}^{(21)}\\
&+2m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(20)} - 2m_{010}^{(20)}m_{011}^{(10)}m_{102}^{(10)} + m_{010}^{(20)}m_{011}^{(10)}m_{012}^{(00)} + m_{010}^{(20)}m_{011}^{(20)}m_{210}^{(21)}\\
&-2m_{010}^{(20)}m_{011}^{(20)}m_{201}^{(11)} + m_{010}^{(20)}m_{011}^{(20)}m_{120}^{(20)} - m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(10)} + m_{010}^{(20)}m_{011}^{(20)}m_{021}^{(00)}\\
&-2m_{010}^{(20)}m_{011}^{(21)}m_{210}^{(20)} + 4m_{010}^{(20)}m_{011}^{(21)}m_{201}^{(10)} - 2m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(00)} + m_{010}^{(20)}m_{002}^{(00)}m_{120}^{(21)}\\
&-2m_{010}^{(20)}m_{002}^{(00)}m_{111}^{(11)} + m_{010}^{(20)}m_{002}^{(00)}m_{021}^{(10)} - m_{010}^{(20)}m_{002}^{(10)}m_{210}^{(21)} + 2m_{010}^{(20)}m_{002}^{(10)}m_{201}^{(11)}\\
&-m_{010}^{(20)}m_{002}^{(10)}m_{120}^{(20)} + m_{010}^{(20)}m_{002}^{(10)}m_{111}^{(10)} - m_{010}^{(20)}m_{002}^{(10)}m_{021}^{(00)} + m_{010}^{(20)}m_{002}^{(11)}m_{210}^{(20)}\\
&-2m_{010}^{(20)}m_{002}^{(11)}m_{201}^{(10)} + m_{010}^{(20)}m_{002}^{(11)}m_{111}^{(00)} - m_{010}^{(21)}m_{200}^{(11)}m_{201}^{(22)} + m_{010}^{(21)}m_{200}^{(11)}m_{102}^{(20)}\\
&+m_{010}^{(21)}m_{200}^{(21)}m_{210}^{(22)} + m_{010}^{(21)}m_{200}^{(21)}m_{201}^{(21)} - m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(20)} - m_{010}^{(21)}m_{200}^{(21)}m_{102}^{(10)}\\
&-m_{010}^{(21)}m_{200}^{(22)}m_{210}^{(21)} + m_{010}^{(21)}m_{200}^{(22)}m_{111}^{(10)} + 2m_{010}^{(21)}m_{110}^{(22)}m_{201}^{(21)} - 2m_{010}^{(21)}m_{110}^{(10)}m_{102}^{(20)}\\
&-m_{010}^{(21)}m_{110}^{(20)}m_{210}^{(22)} - m_{010}^{(21)}m_{110}^{(20)}m_{201}^{(21)} + m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(20)} + m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(10)}\\
&-m_{010}^{(21)}m_{110}^{(21)}m_{300}^{(22)} + m_{010}^{(21)}m_{110}^{(21)}m_{102}^{(00)} + m_{010}^{(21)}m_{110}^{(22)}m_{300}^{(21)} + m_{010}^{(21)}m_{110}^{(22)}m_{210}^{(20)}\\
&-m_{010}^{(21)}m_{110}^{(22)}m_{201}^{(10)} - m_{010}^{(21)}m_{110}^{(22)}m_{111}^{(00)} - m_{010}^{(21)}m_{101}^{(10)}m_{210}^{(22)} - m_{010}^{(21)}m_{101}^{(10)}m_{201}^{(21)}\\
&+m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(20)} + m_{010}^{(21)}m_{101}^{(10)}m_{102}^{(10)} + m_{010}^{(21)}m_{101}^{(11)}m_{300}^{(22)} - m_{010}^{(21)}m_{101}^{(11)}m_{102}^{(00)}\\
&+2m_{010}^{(21)}m_{101}^{(20)}m_{210}^{(21)} - 2m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(10)} - m_{010}^{(21)}m_{101}^{(21)}m_{300}^{(21)} - m_{010}^{(21)}m_{101}^{(21)}m_{210}^{(20)}\\
&+m_{010}^{(21)}m_{101}^{(21)}m_{201}^{(10)} + m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(00)} - m_{010}^{(21)}m_{020}^{(00)}m_{201}^{(22)} + m_{010}^{(21)}m_{020}^{(00)}m_{102}^{(20)}\\
&+m_{010}^{(21)}m_{020}^{(20)}m_{300}^{(22)} - m_{010}^{(21)}m_{020}^{(20)}m_{102}^{(00)} - m_{010}^{(21)}m_{020}^{(22)}m_{300}^{(20)} + m_{010}^{(21)}m_{020}^{(22)}m_{201}^{(00)}\\
&+m_{010}^{(21)}m_{011}^{(00)}m_{210}^{(22)} + m_{010}^{(21)}m_{011}^{(00)}m_{201}^{(21)} - m_{010}^{(21)}m_{011}^{(00)}m_{111}^{(20)} - m_{010}^{(21)}m_{011}^{(00)}m_{102}^{(10)}\\
&-m_{010}^{(21)}m_{011}^{(10)}m_{300}^{(22)} + m_{010}^{(21)}m_{011}^{(10)}m_{102}^{(00)} - m_{010}^{(21)}m_{011}^{(20)}m_{300}^{(21)} - m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(20)}\\
&+m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(10)} + m_{010}^{(21)}m_{011}^{(20)}m_{111}^{(00)} + 2m_{010}^{(21)}m_{011}^{(21)}m_{300}^{(20)} - 2m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(00)}\\
&-m_{010}^{(21)}m_{002}^{(00)}m_{210}^{(21)} + m_{010}^{(21)}m_{002}^{(00)}m_{111}^{(10)} + m_{010}^{(21)}m_{002}^{(10)}m_{300}^{(21)} + m_{010}^{(21)}m_{002}^{(10)}m_{210}^{(20)}\\
&-m_{010}^{(21)}m_{002}^{(10)}m_{201}^{(10)} - m_{010}^{(21)}m_{002}^{(10)}m_{111}^{(00)} - m_{010}^{(21)}m_{002}^{(11)}m_{300}^{(20)} + m_{010}^{(21)}m_{002}^{(11)}m_{201}^{(00)}\\
&+m_{010}^{(22)}m_{200}^{(11)}m_{201}^{(21)} - m_{010}^{(22)}m_{200}^{(11)}m_{111}^{(20)} - m_{010}^{(22)}m_{200}^{(21)}m_{210}^{(21)} - m_{010}^{(22)}m_{200}^{(21)}m_{201}^{(11)}\\
&+m_{010}^{(22)}m_{200}^{(21)}m_{120}^{(20)} + m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(10)} + m_{010}^{(22)}m_{200}^{(22)}m_{210}^{(11)} - m_{010}^{(22)}m_{200}^{(22)}m_{120}^{(10)}\\
&-2m_{010}^{(22)}m_{110}^{(10)}m_{201}^{(21)} + 2m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(20)} + m_{010}^{(22)}m_{110}^{(20)}m_{210}^{(21)} + m_{010}^{(22)}m_{110}^{(20)}m_{201}^{(11)}\\
&-m_{010}^{(22)}m_{110}^{(20)}m_{120}^{(20)} - m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(10)} + m_{010}^{(22)}m_{110}^{(21)}m_{300}^{(21)} - m_{010}^{(22)}m_{110}^{(21)}m_{210}^{(20)}\\
&+m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(10)} - m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(00)} - m_{010}^{(22)}m_{110}^{(22)}m_{300}^{(11)} + m_{010}^{(22)}m_{110}^{(22)}m_{120}^{(00)}\\
&+m_{010}^{(22)}m_{101}^{(10)}m_{210}^{(21)} + m_{010}^{(22)}m_{101}^{(10)}m_{201}^{(11)} - m_{010}^{(22)}m_{101}^{(10)}m_{120}^{(20)} - m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(10)}\\
&-m_{010}^{(22)}m_{101}^{(11)}m_{300}^{(21)} + m_{010}^{(22)}m_{101}^{(11)}m_{210}^{(20)} - m_{010}^{(22)}m_{101}^{(11)}m_{201}^{(10)} + m_{010}^{(22)}m_{101}^{(11)}m_{111}^{(00)}
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\begin{aligned}
&-2m_{010}^{(22)}m_{101}^{(20)}m_{210}^{(11)}+2m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(10)}+m_{010}^{(22)}m_{101}^{(21)}m_{300}^{(11)}-m_{010}^{(22)}m_{101}^{(21)}m_{120}^{(00)}\\
&+m_{010}^{(22)}m_{020}^{(00)}m_{201}^{(21)}-m_{010}^{(22)}m_{020}^{(00)}m_{111}^{(20)}-m_{010}^{(22)}m_{020}^{(20)}m_{300}^{(21)}+m_{010}^{(22)}m_{020}^{(20)}m_{210}^{(20)}\\
&-m_{010}^{(22)}m_{020}^{(20)}m_{201}^{(10)}+m_{010}^{(22)}m_{020}^{(20)}m_{111}^{(00)}+m_{010}^{(22)}m_{020}^{(22)}m_{300}^{(10)}-m_{010}^{(22)}m_{020}^{(22)}m_{210}^{(00)}\\
&-m_{010}^{(22)}m_{011}^{(00)}m_{210}^{(21)}-m_{010}^{(22)}m_{011}^{(00)}m_{201}^{(11)}+m_{010}^{(22)}m_{011}^{(00)}m_{120}^{(20)}+m_{010}^{(22)}m_{011}^{(00)}m_{111}^{(10)}\\
&+m_{010}^{(22)}m_{011}^{(10)}m_{300}^{(21)}-m_{010}^{(22)}m_{011}^{(10)}m_{210}^{(20)}+m_{010}^{(22)}m_{011}^{(10)}m_{201}^{(10)}-m_{010}^{(22)}m_{011}^{(10)}m_{111}^{(00)}\\
&+m_{010}^{(22)}m_{011}^{(20)}m_{300}^{(11)}-m_{010}^{(22)}m_{011}^{(20)}m_{120}^{(00)}-2m_{010}^{(22)}m_{011}^{(21)}m_{300}^{(10)}+2m_{010}^{(22)}m_{011}^{(21)}m_{210}^{(00)}\\
&+m_{010}^{(22)}m_{002}^{(00)}m_{210}^{(11)}-m_{010}^{(22)}m_{002}^{(00)}m_{120}^{(10)}-m_{010}^{(22)}m_{002}^{(10)}m_{300}^{(11)}+m_{010}^{(22)}m_{002}^{(10)}m_{120}^{(00)}\\
&+m_{010}^{(22)}m_{002}^{(11)}m_{300}^{(10)}-m_{010}^{(22)}m_{002}^{(11)}m_{210}^{(00)}+m_{001}^{(00)}m_{200}^{(11)}m_{021}^{(22)}-m_{001}^{(00)}m_{200}^{(11)}m_{012}^{(21)}\\
&-m_{001}^{(00)}m_{200}^{(21)}m_{030}^{(22)}+m_{001}^{(00)}m_{200}^{(21)}m_{012}^{(11)}+m_{001}^{(00)}m_{200}^{(22)}m_{030}^{(21)}-m_{001}^{(00)}m_{200}^{(22)}m_{021}^{(11)}\\
&-2m_{001}^{(00)}m_{110}^{(10)}m_{021}^{(22)}+2m_{001}^{(00)}m_{110}^{(10)}m_{012}^{(21)}+m_{001}^{(00)}m_{110}^{(20)}m_{030}^{(22)}-m_{001}^{(00)}m_{110}^{(20)}m_{012}^{(11)}\\
&+m_{001}^{(00)}m_{110}^{(21)}m_{120}^{(22)}-m_{001}^{(00)}m_{110}^{(21)}m_{111}^{(21)}+m_{001}^{(00)}m_{110}^{(21)}m_{021}^{(20)}-m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(10)}\\
&-m_{001}^{(00)}m_{110}^{(22)}m_{120}^{(21)}+m_{001}^{(00)}m_{110}^{(22)}m_{111}^{(11)}-m_{001}^{(00)}m_{110}^{(22)}m_{030}^{(20)}+m_{001}^{(00)}m_{110}^{(22)}m_{021}^{(10)}\\
&+m_{001}^{(00)}m_{101}^{(10)}m_{030}^{(22)}-m_{001}^{(00)}m_{101}^{(10)}m_{012}^{(11)}-m_{001}^{(00)}m_{101}^{(11)}m_{120}^{(22)}+m_{001}^{(00)}m_{101}^{(11)}m_{111}^{(21)}\\
&-m_{001}^{(00)}m_{101}^{(11)}m_{021}^{(20)}+m_{001}^{(00)}m_{101}^{(11)}m_{012}^{(10)}-2m_{001}^{(00)}m_{101}^{(20)}m_{030}^{(21)}+2m_{001}^{(00)}m_{101}^{(20)}m_{021}^{(11)}\\
&+m_{001}^{(00)}m_{101}^{(21)}m_{120}^{(21)}-m_{001}^{(00)}m_{101}^{(21)}m_{111}^{(11)}+m_{001}^{(00)}m_{101}^{(21)}m_{030}^{(20)}-m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(10)}\\
&+m_{001}^{(00)}m_{020}^{(00)}m_{021}^{(22)}-m_{001}^{(00)}m_{020}^{(00)}m_{012}^{(21)}-m_{001}^{(00)}m_{020}^{(20)}m_{120}^{(22)}+m_{001}^{(00)}m_{020}^{(20)}m_{111}^{(21)}\\
&-m_{001}^{(00)}m_{020}^{(20)}m_{021}^{(20)}+m_{001}^{(00)}m_{020}^{(20)}m_{012}^{(10)}+m_{001}^{(00)}m_{020}^{(22)}m_{120}^{(20)}-m_{001}^{(00)}m_{020}^{(22)}m_{111}^{(10)}\\
&-m_{001}^{(00)}m_{011}^{(00)}m_{030}^{(22)}+m_{001}^{(00)}m_{011}^{(00)}m_{012}^{(11)}+m_{001}^{(00)}m_{011}^{(10)}m_{120}^{(22)}-m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(21)}\\
&+m_{001}^{(00)}m_{011}^{(10)}m_{021}^{(20)}-m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(10)}+m_{001}^{(00)}m_{011}^{(20)}m_{120}^{(21)}-m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(11)}\\
&+m_{001}^{(00)}m_{011}^{(20)}m_{030}^{(20)}-m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(10)}-2m_{001}^{(00)}m_{011}^{(21)}m_{120}^{(20)}+2m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(10)}\\
&+m_{001}^{(00)}m_{002}^{(00)}m_{030}^{(21)}-m_{001}^{(00)}m_{002}^{(00)}m_{021}^{(11)}-m_{001}^{(00)}m_{002}^{(10)}m_{120}^{(21)}+m_{001}^{(00)}m_{002}^{(10)}m_{111}^{(11)}\\
&-m_{001}^{(00)}m_{002}^{(10)}m_{030}^{(20)}+m_{001}^{(00)}m_{002}^{(10)}m_{021}^{(10)}+m_{001}^{(00)}m_{002}^{(11)}m_{120}^{(20)}-m_{001}^{(00)}m_{002}^{(11)}m_{111}^{(10)}\\
&-2m_{001}^{(10)}m_{200}^{(11)}m_{111}^{(22)}+m_{001}^{(10)}m_{200}^{(11)}m_{102}^{(21)}+m_{001}^{(10)}m_{200}^{(11)}m_{012}^{(20)}+2m_{001}^{(10)}m_{200}^{(21)}m_{120}^{(22)}\\
&+m_{001}^{(10)}m_{200}^{(21)}m_{111}^{(21)}-m_{001}^{(10)}m_{200}^{(21)}m_{102}^{(11)}-m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(20)}-m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(10)}\\
&-2m_{001}^{(10)}m_{200}^{(22)}m_{120}^{(21)}+m_{001}^{(10)}m_{200}^{(22)}m_{111}^{(11)}+m_{001}^{(10)}m_{200}^{(22)}m_{021}^{(10)}+4m_{001}^{(10)}m_{110}^{(10)}m_{111}^{(22)}\\
&-2m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(21)}-2m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(20)}-2m_{001}^{(10)}m_{110}^{(20)}m_{120}^{(22)}-m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(21)}\\
&+m_{001}^{(10)}m_{110}^{(20)}m_{102}^{(11)}+m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(20)}+m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(10)}-2m_{001}^{(10)}m_{110}^{(21)}m_{210}^{(22)}\\
&+m_{001}^{(10)}m_{110}^{(21)}m_{201}^{(21)}-m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(20)}+m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(10)}+m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(00)}\\
&+2m_{001}^{(10)}m_{110}^{(22)}m_{210}^{(21)}-m_{001}^{(10)}m_{110}^{(22)}m_{201}^{(11)}+2m_{001}^{(10)}m_{110}^{(22)}m_{120}^{(20)}-2m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(10)}\\
&-m_{001}^{(10)}m_{110}^{(22)}m_{021}^{(00)}-2m_{001}^{(10)}m_{101}^{(10)}m_{120}^{(22)}-m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(21)}+m_{001}^{(10)}m_{101}^{(10)}m_{102}^{(11)}\\
&+m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(20)}+m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(10)}+2m_{001}^{(10)}m_{101}^{(11)}m_{210}^{(22)}-m_{001}^{(10)}m_{101}^{(11)}m_{201}^{(21)}\\
&+m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(20)}-m_{001}^{(10)}m_{101}^{(11)}m_{102}^{(10)}-m_{001}^{(10)}m_{101}^{(11)}m_{012}^{(00)}+4m_{001}^{(10)}m_{101}^{(20)}m_{120}^{(21)}\\
&-2m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(11)}-2m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(10)}-2m_{001}^{(10)}m_{101}^{(21)}m_{210}^{(21)}+m_{001}^{(10)}m_{101}^{(21)}m_{201}^{(11)}\\
&-2m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(20)}+2m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(10)}+m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(00)}-2m_{001}^{(10)}m_{020}^{(00)}m_{111}^{(22)}\\
&+m_{001}^{(10)}m_{020}^{(00)}m_{102}^{(21)}+m_{001}^{(10)}m_{020}^{(00)}m_{012}^{(20)}+2m_{001}^{(10)}m_{020}^{(20)}m_{210}^{(22)}-m_{001}^{(10)}m_{020}^{(20)}m_{201}^{(21)}\\
&+m_{001}^{(10)}m_{020}^{(20)}m_{111}^{(20)}-m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(10)}-m_{001}^{(10)}m_{020}^{(20)}m_{012}^{(00)}-2m_{001}^{(10)}m_{020}^{(22)}m_{210}^{(20)}\\
&+m_{001}^{(10)}m_{020}^{(22)}m_{201}^{(10)}+m_{001}^{(10)}m_{020}^{(22)}m_{111}^{(00)}+2m_{001}^{(10)}m_{011}^{(00)}m_{120}^{(22)}+m_{001}^{(10)}m_{011}^{(00)}m_{111}^{(21)}\\
&-m_{001}^{(10)}m_{011}^{(00)}m_{102}^{(11)}-m_{001}^{(10)}m_{011}^{(00)}m_{021}^{(20)}-m_{001}^{(10)}m_{011}^{(00)}m_{012}^{(10)}-2m_{001}^{(10)}m_{011}^{(10)}m_{210}^{(22)}
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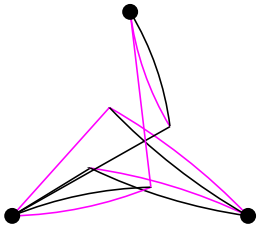
&+m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(21)} - m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(20)} + m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(10)} + m_{001}^{(10)}m_{011}^{(10)}m_{012}^{(00)}\\
&-2m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(21)} + m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(11)} - 2m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(20)} + 2m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(10)}\\
&+m_{001}^{(10)}m_{011}^{(20)}m_{021}^{(00)} + 4m_{001}^{(10)}m_{011}^{(21)}m_{210}^{(20)} - 2m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(10)} - 2m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(00)}\\
&-2m_{001}^{(10)}m_{002}^{(00)}m_{120}^{(21)} + m_{001}^{(10)}m_{002}^{(00)}m_{111}^{(11)} + m_{001}^{(10)}m_{002}^{(00)}m_{021}^{(10)} + 2m_{001}^{(10)}m_{002}^{(10)}m_{210}^{(21)}\\
&-m_{001}^{(10)}m_{002}^{(10)}m_{201}^{(11)} + 2m_{001}^{(10)}m_{002}^{(10)}m_{120}^{(20)} - 2m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(10)} - m_{001}^{(10)}m_{002}^{(10)}m_{021}^{(00)}\\
&-2m_{001}^{(10)}m_{002}^{(11)}m_{210}^{(20)} + m_{001}^{(10)}m_{002}^{(11)}m_{201}^{(10)} + m_{001}^{(10)}m_{002}^{(11)}m_{111}^{(00)} + m_{001}^{(11)}m_{200}^{(11)}m_{201}^{(22)}\\
&-m_{001}^{(11)}m_{200}^{(11)}m_{102}^{(20)} - m_{001}^{(11)}m_{200}^{(21)}m_{210}^{(22)} - m_{001}^{(11)}m_{200}^{(21)}m_{201}^{(21)} + m_{001}^{(11)}m_{200}^{(21)}m_{111}^{(20)}\\
&+m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(10)} + m_{001}^{(11)}m_{200}^{(22)}m_{210}^{(21)} - m_{001}^{(11)}m_{200}^{(22)}m_{111}^{(10)} - 2m_{001}^{(11)}m_{110}^{(10)}m_{201}^{(22)}\\
&+2m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(20)} + m_{001}^{(11)}m_{110}^{(20)}m_{210}^{(22)} + m_{001}^{(11)}m_{110}^{(20)}m_{201}^{(21)} - m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(20)}\\
&-m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(10)} + m_{001}^{(11)}m_{110}^{(21)}m_{300}^{(22)} - m_{001}^{(11)}m_{110}^{(21)}m_{102}^{(00)} - m_{001}^{(11)}m_{110}^{(22)}m_{300}^{(21)}\\
&-m_{001}^{(11)}m_{110}^{(22)}m_{210}^{(20)} + m_{001}^{(11)}m_{110}^{(22)}m_{201}^{(10)} + m_{001}^{(11)}m_{110}^{(22)}m_{111}^{(00)} + m_{001}^{(11)}m_{101}^{(10)}m_{210}^{(22)}\\
&+m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(21)} - m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(20)} - m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(10)} - m_{001}^{(11)}m_{101}^{(11)}m_{300}^{(22)}\\
&+m_{001}^{(11)}m_{101}^{(11)}m_{102}^{(00)} - 2m_{001}^{(11)}m_{101}^{(20)}m_{210}^{(21)} + 2m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(10)} + m_{001}^{(11)}m_{101}^{(21)}m_{300}^{(21)}\\
&+m_{001}^{(11)}m_{101}^{(21)}m_{210}^{(20)} - m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(10)} - m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(00)} + m_{001}^{(11)}m_{020}^{(00)}m_{201}^{(22)}\\
&-m_{001}^{(11)}m_{020}^{(00)}m_{102}^{(20)} - m_{001}^{(11)}m_{020}^{(20)}m_{300}^{(22)} + m_{001}^{(11)}m_{020}^{(20)}m_{102}^{(00)} + m_{001}^{(11)}m_{020}^{(22)}m_{300}^{(20)}\\
&-m_{001}^{(11)}m_{020}^{(22)}m_{201}^{(00)} - m_{001}^{(11)}m_{011}^{(00)}m_{210}^{(22)} - m_{001}^{(11)}m_{011}^{(00)}m_{201}^{(21)} + m_{001}^{(11)}m_{011}^{(00)}m_{111}^{(20)}\\
&+m_{001}^{(11)}m_{011}^{(00)}m_{102}^{(10)} + m_{001}^{(11)}m_{011}^{(10)}m_{300}^{(22)} - m_{001}^{(11)}m_{011}^{(10)}m_{102}^{(00)} + m_{001}^{(11)}m_{011}^{(20)}m_{300}^{(21)}\\
&+m_{001}^{(11)}m_{011}^{(20)}m_{210}^{(20)} - m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(10)} - m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(00)} - 2m_{001}^{(11)}m_{011}^{(21)}m_{300}^{(20)}\\
&+2m_{001}^{(11)}m_{011}^{(21)}m_{201}^{(00)} + m_{001}^{(11)}m_{002}^{(00)}m_{210}^{(21)} - m_{001}^{(11)}m_{002}^{(00)}m_{111}^{(10)} - m_{001}^{(11)}m_{002}^{(10)}m_{300}^{(21)}\\
&-m_{001}^{(11)}m_{002}^{(10)}m_{210}^{(20)} + m_{001}^{(11)}m_{002}^{(10)}m_{201}^{(10)} + m_{001}^{(11)}m_{002}^{(10)}m_{111}^{(00)} + m_{001}^{(11)}m_{002}^{(11)}m_{300}^{(20)}\\
&-m_{001}^{(11)}m_{002}^{(11)}m_{201}^{(00)} + m_{001}^{(20)}m_{200}^{(11)}m_{111}^{(21)} - m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(20)} - m_{001}^{(20)}m_{200}^{(21)}m_{120}^{(21)}\\
&-m_{001}^{(20)}m_{200}^{(21)}m_{111}^{(11)} + m_{001}^{(20)}m_{200}^{(21)}m_{030}^{(20)} + m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(10)} + m_{001}^{(20)}m_{200}^{(22)}m_{120}^{(11)}\\
&-m_{001}^{(20)}m_{200}^{(22)}m_{030}^{(10)} - 2m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(21)} + 2m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(20)} + m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(21)}\\
&+m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(11)} - m_{001}^{(20)}m_{110}^{(20)}m_{030}^{(20)} - m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(10)} + m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(21)}\\
&-m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(20)} + m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(10)} - m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(00)} - m_{001}^{(20)}m_{110}^{(22)}m_{210}^{(11)}\\
&+m_{001}^{(20)}m_{110}^{(22)}m_{030}^{(00)} + m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(21)} + m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(11)} - m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(20)}\\
&-m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(10)} - m_{001}^{(20)}m_{101}^{(11)}m_{210}^{(21)} + m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(20)} - m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(10)}\\
&+m_{001}^{(20)}m_{101}^{(11)}m_{021}^{(00)} - 2m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(11)} + 2m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(10)} + m_{001}^{(20)}m_{101}^{(21)}m_{210}^{(11)}\\
&-m_{001}^{(20)}m_{101}^{(21)}m_{030}^{(00)} + m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(21)} - m_{001}^{(20)}m_{020}^{(00)}m_{021}^{(20)} - m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(21)}\\
&+m_{001}^{(20)}m_{020}^{(20)}m_{120}^{(20)} - m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(10)} + m_{001}^{(20)}m_{020}^{(20)}m_{021}^{(00)} + m_{001}^{(20)}m_{020}^{(22)}m_{210}^{(10)}\\
&-m_{001}^{(20)}m_{020}^{(22)}m_{120}^{(00)} - m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(21)} - m_{001}^{(20)}m_{011}^{(00)}m_{111}^{(11)} + m_{001}^{(20)}m_{011}^{(00)}m_{030}^{(20)}\\
&+m_{001}^{(20)}m_{011}^{(00)}m_{021}^{(10)} + m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(21)} - m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(20)} + m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(10)}\\
&-m_{001}^{(20)}m_{011}^{(10)}m_{021}^{(00)} + m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(11)} - m_{001}^{(20)}m_{011}^{(20)}m_{030}^{(00)} - 2m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(10)}\\
&+2m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(00)} + m_{001}^{(20)}m_{002}^{(00)}m_{120}^{(11)} - m_{001}^{(20)}m_{002}^{(00)}m_{030}^{(10)} - m_{001}^{(20)}m_{002}^{(10)}m_{210}^{(11)}\\
&+m_{001}^{(20)}m_{002}^{(10)}m_{030}^{(00)} + m_{001}^{(20)}m_{002}^{(11)}m_{210}^{(10)} - m_{001}^{(20)}m_{002}^{(11)}m_{120}^{(00)} - m_{001}^{(21)}m_{200}^{(11)}m_{201}^{(21)}\\
&+m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(20)} + m_{001}^{(21)}m_{200}^{(21)}m_{210}^{(21)} + m_{001}^{(21)}m_{200}^{(21)}m_{201}^{(11)} - m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(20)}\\
&-m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(10)} - m_{001}^{(21)}m_{200}^{(22)}m_{210}^{(11)} + m_{001}^{(21)}m_{200}^{(22)}m_{120}^{(10)} + 2m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(21)}\\
&-2m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(20)} - m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(21)} - m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(11)} + m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(20)}
\end{aligned}
$$

$$
\begin{aligned}
&+m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(10)} - m_{001}^{(21)}m_{110}^{(21)}m_{300}^{(21)} + m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(20)} - m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(10)}\\
&+m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(00)} + m_{001}^{(21)}m_{110}^{(22)}m_{300}^{(11)} - m_{001}^{(21)}m_{110}^{(22)}m_{120}^{(00)} - m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(21)}\\
&-m_{001}^{(21)}m_{101}^{(10)}m_{201}^{(11)} + m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(20)} + m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(10)} + m_{001}^{(21)}m_{101}^{(11)}m_{300}^{(21)}\\
&-m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(20)} + m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(10)} - m_{001}^{(21)}m_{101}^{(11)}m_{111}^{(00)} + 2m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(11)}\\
&-2m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(10)} - m_{001}^{(21)}m_{101}^{(21)}m_{300}^{(11)} + m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(00)} - m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(21)}\\
&+m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(20)} + m_{001}^{(21)}m_{020}^{(20)}m_{300}^{(21)} - m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(20)} + m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(10)}\\
&-m_{001}^{(21)}m_{020}^{(20)}m_{111}^{(00)} - m_{001}^{(21)}m_{020}^{(22)}m_{300}^{(10)} + m_{001}^{(21)}m_{020}^{(22)}m_{210}^{(00)} + m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(21)}\\
&+m_{001}^{(21)}m_{011}^{(00)}m_{201}^{(11)} - m_{001}^{(21)}m_{011}^{(00)}m_{120}^{(20)} - m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(10)} - m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(21)}\\
&+m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(20)} - m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(10)} + m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(00)} - m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(11)}\\
&+m_{001}^{(21)}m_{011}^{(20)}m_{120}^{(00)} + 2m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(10)} - 2m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(00)} - m_{001}^{(21)}m_{002}^{(00)}m_{210}^{(11)}\\
&+m_{001}^{(21)}m_{002}^{(00)}m_{120}^{(10)} + m_{001}^{(21)}m_{002}^{(10)}m_{300}^{(11)} - m_{001}^{(21)}m_{002}^{(10)}m_{120}^{(00)} - m_{001}^{(21)}m_{002}^{(11)}m_{300}^{(10)}\\
&+m_{001}^{(21)}m_{002}^{(11)}m_{210}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & 1 & V1 & 1\\
1 & V2 & V3 & V3\\
V2 & 2 & 3 & 3
\end{array}
$$



$$
\begin{aligned}
T_{80} \;=\;& m_{100}^{(10)}m_{200}^{(11)}m_{012}^{(22)} - m_{100}^{(10)}m_{200}^{(11)}m_{003}^{(21)} - 2m_{100}^{(10)}m_{200}^{(21)}m_{021}^{(22)} + 2m_{100}^{(10)}m_{200}^{(21)}m_{012}^{(21)}\\
&+m_{100}^{(10)}m_{200}^{(22)}m_{030}^{(22)} - m_{100}^{(10)}m_{200}^{(22)}m_{021}^{(21)} - m_{100}^{(10)}m_{110}^{(10)}m_{012}^{(22)} + m_{100}^{(10)}m_{110}^{(10)}m_{003}^{(21)}\\
&-m_{100}^{(10)}m_{110}^{(11)}m_{102}^{(22)} + m_{100}^{(10)}m_{110}^{(11)}m_{003}^{(20)} + m_{100}^{(10)}m_{110}^{(20)}m_{021}^{(22)} - m_{100}^{(10)}m_{110}^{(20)}m_{012}^{(21)}\\
&+3m_{100}^{(10)}m_{110}^{(21)}m_{111}^{(22)} - m_{100}^{(10)}m_{110}^{(21)}m_{102}^{(21)} - 2m_{100}^{(10)}m_{110}^{(21)}m_{012}^{(20)} - 2m_{100}^{(10)}m_{110}^{(22)}m_{120}^{(22)}\\
&+m_{100}^{(10)}m_{110}^{(22)}m_{111}^{(21)} + m_{100}^{(10)}m_{110}^{(22)}m_{021}^{(20)} + m_{100}^{(10)}m_{101}^{(10)}m_{021}^{(22)} - m_{100}^{(10)}m_{101}^{(10)}m_{012}^{(21)}\\
&-m_{100}^{(10)}m_{101}^{(11)}m_{111}^{(22)} + 2m_{100}^{(10)}m_{101}^{(11)}m_{102}^{(21)} - m_{100}^{(10)}m_{101}^{(11)}m_{012}^{(20)} - m_{100}^{(10)}m_{101}^{(20)}m_{030}^{(22)}\\
&+m_{100}^{(10)}m_{101}^{(20)}m_{021}^{(21)} + m_{100}^{(10)}m_{101}^{(21)}m_{120}^{(22)} - 3m_{100}^{(10)}m_{101}^{(21)}m_{111}^{(21)} + 2m_{100}^{(10)}m_{101}^{(21)}m_{021}^{(20)}\\
&+m_{100}^{(10)}m_{101}^{(22)}m_{120}^{(21)} - m_{100}^{(10)}m_{101}^{(22)}m_{030}^{(20)} + m_{100}^{(10)}m_{020}^{(10)}m_{102}^{(22)} - m_{100}^{(10)}m_{020}^{(10)}m_{003}^{(20)}\\
&-m_{100}^{(10)}m_{020}^{(20)}m_{111}^{(22)} + m_{100}^{(10)}m_{020}^{(20)}m_{012}^{(20)} - m_{100}^{(10)}m_{020}^{(21)}m_{201}^{(22)} + m_{100}^{(10)}m_{020}^{(21)}m_{102}^{(20)}\\
&+m_{100}^{(10)}m_{020}^{(22)}m_{210}^{(22)} - m_{100}^{(10)}m_{020}^{(22)}m_{111}^{(20)} - m_{100}^{(10)}m_{011}^{(10)}m_{111}^{(22)} - m_{100}^{(10)}m_{011}^{(10)}m_{102}^{(21)}\\
&+2m_{100}^{(10)}m_{011}^{(10)}m_{012}^{(20)} + m_{100}^{(10)}m_{011}^{(11)}m_{201}^{(22)} - m_{100}^{(10)}m_{011}^{(11)}m_{102}^{(20)} + m_{100}^{(10)}m_{011}^{(20)}m_{120}^{(22)}
\end{aligned}
$$

$$
\begin{aligned}
&+m_{100}^{(10)}m_{011}^{(20)}m_{111}^{(21)} - 2m_{100}^{(10)}m_{011}^{(20)}m_{021}^{(20)} - m_{100}^{(10)}m_{011}^{(21)}m_{210}^{(22)} + m_{100}^{(10)}m_{011}^{(21)}m_{201}^{(21)}\\
&-m_{100}^{(10)}m_{011}^{(22)}m_{210}^{(21)} + m_{100}^{(10)}m_{011}^{(22)}m_{120}^{(20)} + m_{100}^{(10)}m_{002}^{(10)}m_{111}^{(21)} - m_{100}^{(10)}m_{002}^{(10)}m_{021}^{(20)}\\
&-m_{100}^{(10)}m_{002}^{(11)}m_{201}^{(21)} + m_{100}^{(10)}m_{002}^{(11)}m_{111}^{(20)} - m_{100}^{(10)}m_{002}^{(20)}m_{120}^{(21)} + m_{100}^{(10)}m_{002}^{(20)}m_{030}^{(20)}\\
&+m_{100}^{(10)}m_{002}^{(21)}m_{210}^{(21)} - m_{100}^{(10)}m_{002}^{(21)}m_{120}^{(20)} - m_{100}^{(11)}m_{200}^{(10)}m_{012}^{(22)} + m_{100}^{(11)}m_{200}^{(10)}m_{003}^{(21)}\\
&+m_{100}^{(11)}m_{200}^{(20)}m_{021}^{(22)} - m_{100}^{(11)}m_{200}^{(20)}m_{012}^{(21)} + m_{100}^{(11)}m_{200}^{(21)}m_{111}^{(22)} - m_{100}^{(11)}m_{200}^{(21)}m_{102}^{(21)}\\
&-m_{100}^{(11)}m_{200}^{(22)}m_{120}^{(22)} + m_{100}^{(11)}m_{200}^{(22)}m_{111}^{(21)} + m_{100}^{(11)}m_{110}^{(00)}m_{012}^{(22)} - m_{100}^{(11)}m_{110}^{(00)}m_{003}^{(21)}\\
&+m_{100}^{(11)}m_{110}^{(10)}m_{102}^{(22)} - m_{100}^{(11)}m_{110}^{(10)}m_{003}^{(20)} - 3m_{100}^{(11)}m_{110}^{(20)}m_{111}^{(22)} + 2m_{100}^{(11)}m_{110}^{(20)}m_{102}^{(21)}\\
&+m_{100}^{(11)}m_{110}^{(20)}m_{012}^{(20)} - m_{100}^{(11)}m_{110}^{(21)}m_{201}^{(22)} + m_{100}^{(11)}m_{110}^{(21)}m_{102}^{(20)} + 2m_{100}^{(11)}m_{110}^{(22)}m_{210}^{(22)}\\
&-m_{100}^{(11)}m_{110}^{(22)}m_{201}^{(21)} - m_{100}^{(11)}m_{110}^{(22)}m_{111}^{(20)} - m_{100}^{(11)}m_{101}^{(00)}m_{021}^{(22)} + m_{100}^{(11)}m_{101}^{(00)}m_{012}^{(21)}\\
&+m_{100}^{(11)}m_{101}^{(10)}m_{111}^{(22)} - 2m_{100}^{(11)}m_{101}^{(10)}m_{102}^{(21)} + m_{100}^{(11)}m_{101}^{(10)}m_{012}^{(20)} + m_{100}^{(11)}m_{101}^{(20)}m_{120}^{(22)}\\
&-m_{100}^{(11)}m_{101}^{(20)}m_{021}^{(20)} - m_{100}^{(11)}m_{101}^{(21)}m_{210}^{(22)} + 2m_{100}^{(11)}m_{101}^{(21)}m_{201}^{(21)} - m_{100}^{(11)}m_{101}^{(21)}m_{111}^{(20)}\\
&-m_{100}^{(11)}m_{101}^{(22)}m_{210}^{(21)} + m_{100}^{(11)}m_{101}^{(22)}m_{120}^{(20)} - m_{100}^{(11)}m_{020}^{(00)}m_{102}^{(22)} + m_{100}^{(11)}m_{020}^{(00)}m_{003}^{(20)}\\
&+2m_{100}^{(11)}m_{020}^{(20)}m_{201}^{(22)} - 2m_{100}^{(11)}m_{020}^{(20)}m_{102}^{(20)} - m_{100}^{(11)}m_{020}^{(22)}m_{300}^{(22)} + m_{100}^{(11)}m_{020}^{(22)}m_{201}^{(20)}\\
&+m_{100}^{(11)}m_{011}^{(00)}m_{111}^{(22)} + m_{100}^{(11)}m_{011}^{(00)}m_{102}^{(21)} - 2m_{100}^{(11)}m_{011}^{(00)}m_{012}^{(20)} - m_{100}^{(11)}m_{011}^{(10)}m_{201}^{(22)}\\
&+m_{100}^{(11)}m_{011}^{(10)}m_{102}^{(20)} - m_{100}^{(11)}m_{011}^{(20)}m_{210}^{(22)} - 2m_{100}^{(11)}m_{011}^{(20)}m_{201}^{(21)} + 3m_{100}^{(11)}m_{011}^{(20)}m_{111}^{(20)}\\
&+m_{100}^{(11)}m_{011}^{(21)}m_{300}^{(22)} - m_{100}^{(11)}m_{011}^{(21)}m_{201}^{(20)} + m_{100}^{(11)}m_{011}^{(22)}m_{300}^{(21)} - m_{100}^{(11)}m_{011}^{(22)}m_{210}^{(20)}\\
&-m_{100}^{(11)}m_{002}^{(00)}m_{111}^{(21)} + m_{100}^{(11)}m_{002}^{(00)}m_{021}^{(20)} + m_{100}^{(11)}m_{002}^{(10)}m_{201}^{(21)} - m_{100}^{(11)}m_{002}^{(10)}m_{111}^{(20)}\\
&+m_{100}^{(11)}m_{002}^{(20)}m_{210}^{(21)} - m_{100}^{(11)}m_{002}^{(20)}m_{120}^{(20)} - m_{100}^{(11)}m_{002}^{(21)}m_{300}^{(21)} + m_{100}^{(11)}m_{002}^{(21)}m_{210}^{(20)}\\
&-m_{100}^{(20)}m_{200}^{(11)}m_{012}^{(21)} + m_{100}^{(20)}m_{200}^{(11)}m_{003}^{(11)} + 2m_{100}^{(20)}m_{200}^{(21)}m_{021}^{(21)} - 2m_{100}^{(20)}m_{200}^{(21)}m_{012}^{(11)}\\
&-m_{100}^{(20)}m_{200}^{(22)}m_{030}^{(21)} + m_{100}^{(20)}m_{200}^{(22)}m_{021}^{(11)} + m_{100}^{(20)}m_{110}^{(10)}m_{012}^{(21)} - m_{100}^{(20)}m_{110}^{(10)}m_{003}^{(11)}\\
&+m_{100}^{(20)}m_{110}^{(11)}m_{102}^{(21)} - m_{100}^{(20)}m_{110}^{(11)}m_{003}^{(10)} - m_{100}^{(20)}m_{110}^{(20)}m_{021}^{(21)} + m_{100}^{(20)}m_{110}^{(20)}m_{012}^{(11)}\\
&-3m_{100}^{(20)}m_{110}^{(21)}m_{111}^{(21)} + m_{100}^{(20)}m_{110}^{(21)}m_{102}^{(11)} + 2m_{100}^{(20)}m_{110}^{(21)}m_{012}^{(10)} + 2m_{100}^{(20)}m_{110}^{(22)}m_{120}^{(21)}\\
&-m_{100}^{(20)}m_{110}^{(22)}m_{111}^{(11)} - m_{100}^{(20)}m_{110}^{(22)}m_{021}^{(10)} - m_{100}^{(20)}m_{101}^{(10)}m_{021}^{(21)} + m_{100}^{(20)}m_{101}^{(10)}m_{012}^{(11)}\\
&+m_{100}^{(20)}m_{101}^{(11)}m_{111}^{(21)} - 2m_{100}^{(20)}m_{101}^{(11)}m_{102}^{(11)} + m_{100}^{(20)}m_{101}^{(11)}m_{012}^{(10)} + m_{100}^{(20)}m_{101}^{(20)}m_{030}^{(21)}\\
&-m_{100}^{(20)}m_{101}^{(20)}m_{021}^{(11)} - m_{100}^{(20)}m_{101}^{(21)}m_{120}^{(21)} + 3m_{100}^{(20)}m_{101}^{(21)}m_{111}^{(11)} - 2m_{100}^{(20)}m_{101}^{(21)}m_{021}^{(10)}\\
&-m_{100}^{(20)}m_{101}^{(22)}m_{120}^{(11)} + m_{100}^{(20)}m_{101}^{(22)}m_{030}^{(10)} - m_{100}^{(20)}m_{020}^{(10)}m_{102}^{(21)} + m_{100}^{(20)}m_{020}^{(10)}m_{003}^{(10)}\\
&+m_{100}^{(20)}m_{020}^{(20)}m_{111}^{(21)} - m_{100}^{(20)}m_{020}^{(20)}m_{012}^{(10)} + m_{100}^{(20)}m_{020}^{(21)}m_{201}^{(21)} - m_{100}^{(20)}m_{020}^{(21)}m_{102}^{(10)}\\
&-m_{100}^{(20)}m_{020}^{(22)}m_{210}^{(21)} + m_{100}^{(20)}m_{020}^{(22)}m_{111}^{(10)} + m_{100}^{(20)}m_{011}^{(10)}m_{111}^{(21)} + m_{100}^{(20)}m_{011}^{(10)}m_{102}^{(11)}\\
&-2m_{100}^{(20)}m_{011}^{(10)}m_{012}^{(10)} - m_{100}^{(20)}m_{011}^{(11)}m_{201}^{(21)} + m_{100}^{(20)}m_{011}^{(11)}m_{102}^{(10)} - m_{100}^{(20)}m_{011}^{(20)}m_{120}^{(21)}\\
&-m_{100}^{(20)}m_{011}^{(20)}m_{111}^{(11)} + 2m_{100}^{(20)}m_{011}^{(20)}m_{021}^{(10)} + m_{100}^{(20)}m_{011}^{(21)}m_{210}^{(21)} - m_{100}^{(20)}m_{011}^{(21)}m_{201}^{(11)}\\
&+m_{100}^{(20)}m_{011}^{(22)}m_{210}^{(11)} - m_{100}^{(20)}m_{011}^{(22)}m_{120}^{(10)} - m_{100}^{(20)}m_{002}^{(10)}m_{111}^{(11)} + m_{100}^{(20)}m_{002}^{(10)}m_{021}^{(10)}\\
&+m_{100}^{(20)}m_{002}^{(11)}m_{201}^{(11)} - m_{100}^{(20)}m_{002}^{(11)}m_{111}^{(10)} + m_{100}^{(20)}m_{002}^{(20)}m_{120}^{(11)} - m_{100}^{(20)}m_{002}^{(20)}m_{030}^{(10)}\\
&-m_{100}^{(20)}m_{002}^{(21)}m_{210}^{(11)} + m_{100}^{(20)}m_{002}^{(21)}m_{120}^{(10)} + m_{100}^{(21)}m_{200}^{(10)}m_{021}^{(22)} - m_{100}^{(21)}m_{200}^{(10)}m_{003}^{(11)}\\
&-m_{100}^{(21)}m_{200}^{(11)}m_{111}^{(22)} + m_{100}^{(21)}m_{200}^{(11)}m_{102}^{(21)} - m_{100}^{(21)}m_{200}^{(20)}m_{030}^{(22)} + m_{100}^{(21)}m_{200}^{(20)}m_{012}^{(11)}\\
&+m_{100}^{(21)}m_{200}^{(21)}m_{120}^{(22)} - 2m_{100}^{(21)}m_{200}^{(21)}m_{111}^{(21)} + m_{100}^{(21)}m_{200}^{(21)}m_{102}^{(11)} + m_{100}^{(21)}m_{200}^{(22)}m_{120}^{(21)}\\
&-m_{100}^{(21)}m_{200}^{(22)}m_{111}^{(11)} - m_{100}^{(21)}m_{110}^{(00)}m_{021}^{(22)} + m_{100}^{(21)}m_{110}^{(00)}m_{003}^{(11)} - 2m_{100}^{(21)}m_{110}^{(10)}m_{102}^{(21)}\\
&+m_{100}^{(21)}m_{110}^{(10)}m_{012}^{(20)} + m_{100}^{(21)}m_{110}^{(10)}m_{003}^{(10)} + m_{100}^{(21)}m_{110}^{(11)}m_{201}^{(22)} - m_{100}^{(21)}m_{110}^{(11)}m_{102}^{(20)}\\
&+2m_{100}^{(21)}m_{110}^{(20)}m_{120}^{(22)} + 2m_{100}^{(21)}m_{110}^{(20)}m_{111}^{(21)} - 2m_{100}^{(21)}m_{110}^{(20)}m_{102}^{(11)} - m_{100}^{(21)}m_{110}^{(20)}m_{021}^{(20)}
\end{aligned}
$$

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\begin{aligned}
&-m_{100}^{(21)}m_{110}^{(20)}m_{012}^{(10)} - 2m_{100}^{(21)}m_{110}^{(21)}m_{210}^{(22)} + 2m_{100}^{(21)}m_{110}^{(21)}m_{201}^{(21)} + m_{100}^{(21)}m_{110}^{(21)}m_{111}^{(20)}\\
&-m_{100}^{(21)}m_{110}^{(21)}m_{102}^{(10)} - 2m_{100}^{(21)}m_{110}^{(22)}m_{210}^{(21)} + m_{100}^{(21)}m_{110}^{(22)}m_{201}^{(11)} + m_{100}^{(21)}m_{110}^{(22)}m_{111}^{(10)}\\
&+m_{100}^{(21)}m_{101}^{(00)}m_{030}^{(22)} - m_{100}^{(21)}m_{101}^{(00)}m_{012}^{(11)} - 2m_{100}^{(21)}m_{101}^{(10)}m_{120}^{(22)} + 2m_{100}^{(21)}m_{101}^{(10)}m_{111}^{(21)}\\
&+2m_{100}^{(21)}m_{101}^{(10)}m_{102}^{(11)} - m_{100}^{(21)}m_{101}^{(10)}m_{021}^{(20)} - m_{100}^{(21)}m_{101}^{(10)}m_{012}^{(10)} + m_{100}^{(21)}m_{101}^{(11)}m_{210}^{(22)}\\
&-2m_{100}^{(21)}m_{101}^{(11)}m_{201}^{(21)} + m_{100}^{(21)}m_{101}^{(11)}m_{111}^{(20)} - 2m_{100}^{(21)}m_{101}^{(20)}m_{120}^{(21)} + m_{100}^{(21)}m_{101}^{(20)}m_{030}^{(20)}\\
&+m_{100}^{(21)}m_{101}^{(20)}m_{021}^{(10)} + 2m_{100}^{(21)}m_{101}^{(21)}m_{210}^{(21)} - 2m_{100}^{(21)}m_{101}^{(21)}m_{201}^{(11)} - m_{100}^{(21)}m_{101}^{(21)}m_{120}^{(20)}\\
&+m_{100}^{(21)}m_{101}^{(21)}m_{111}^{(10)} + m_{100}^{(21)}m_{101}^{(22)}m_{210}^{(11)} - m_{100}^{(21)}m_{101}^{(22)}m_{120}^{(10)} + m_{100}^{(21)}m_{020}^{(00)}m_{111}^{(22)}\\
&+m_{100}^{(21)}m_{020}^{(00)}m_{102}^{(21)} - m_{100}^{(21)}m_{020}^{(00)}m_{012}^{(20)} - m_{100}^{(21)}m_{020}^{(00)}m_{003}^{(10)} - m_{100}^{(21)}m_{020}^{(10)}m_{201}^{(22)}\\
&+m_{100}^{(21)}m_{020}^{(10)}m_{102}^{(20)} - m_{100}^{(21)}m_{020}^{(20)}m_{210}^{(22)} - 2m_{100}^{(21)}m_{020}^{(20)}m_{201}^{(21)} + m_{100}^{(21)}m_{020}^{(20)}m_{111}^{(20)}\\
&+2m_{100}^{(21)}m_{020}^{(20)}m_{102}^{(10)} + m_{100}^{(21)}m_{020}^{(21)}m_{300}^{(22)} - m_{100}^{(21)}m_{020}^{(21)}m_{201}^{(20)} + m_{100}^{(21)}m_{020}^{(22)}m_{300}^{(21)}\\
&-m_{100}^{(21)}m_{020}^{(22)}m_{201}^{(10)} - m_{100}^{(21)}m_{011}^{(00)}m_{120}^{(22)} - 2m_{100}^{(21)}m_{011}^{(00)}m_{111}^{(21)} - m_{100}^{(21)}m_{011}^{(00)}m_{102}^{(11)}\\
&+2m_{100}^{(21)}m_{011}^{(00)}m_{021}^{(20)} + 2m_{100}^{(21)}m_{011}^{(00)}m_{012}^{(10)} + 2m_{100}^{(21)}m_{011}^{(10)}m_{210}^{(22)} + 2m_{100}^{(21)}m_{011}^{(10)}m_{201}^{(21)}\\
&-3m_{100}^{(21)}m_{011}^{(10)}m_{111}^{(20)} - m_{100}^{(21)}m_{011}^{(10)}m_{102}^{(10)} - m_{100}^{(21)}m_{011}^{(11)}m_{300}^{(22)} + m_{100}^{(21)}m_{011}^{(11)}m_{201}^{(20)}\\
&+2m_{100}^{(21)}m_{011}^{(20)}m_{210}^{(21)} + 2m_{100}^{(21)}m_{011}^{(20)}m_{201}^{(11)} - m_{100}^{(21)}m_{011}^{(20)}m_{120}^{(20)} - 3m_{100}^{(21)}m_{011}^{(20)}m_{111}^{(10)}\\
&-2m_{100}^{(21)}m_{011}^{(21)}m_{300}^{(21)} + m_{100}^{(21)}m_{011}^{(21)}m_{210}^{(20)} + m_{100}^{(21)}m_{011}^{(21)}m_{201}^{(10)} - m_{100}^{(21)}m_{011}^{(22)}m_{300}^{(11)}\\
&+m_{100}^{(21)}m_{011}^{(22)}m_{210}^{(10)} + m_{100}^{(21)}m_{002}^{(00)}m_{120}^{(21)} + m_{100}^{(21)}m_{002}^{(00)}m_{111}^{(11)} - m_{100}^{(21)}m_{002}^{(00)}m_{030}^{(20)}\\
&-m_{100}^{(21)}m_{002}^{(00)}m_{021}^{(10)} - 2m_{100}^{(21)}m_{002}^{(10)}m_{210}^{(21)} - m_{100}^{(21)}m_{002}^{(10)}m_{201}^{(11)} + 2m_{100}^{(21)}m_{002}^{(10)}m_{120}^{(20)}\\
&+m_{100}^{(21)}m_{002}^{(10)}m_{111}^{(10)} + m_{100}^{(21)}m_{002}^{(11)}m_{300}^{(21)} - m_{100}^{(21)}m_{002}^{(11)}m_{210}^{(20)} - m_{100}^{(21)}m_{002}^{(20)}m_{210}^{(11)}\\
&+m_{100}^{(21)}m_{002}^{(20)}m_{120}^{(10)} + m_{100}^{(21)}m_{002}^{(21)}m_{300}^{(11)} - m_{100}^{(21)}m_{002}^{(21)}m_{210}^{(10)} - m_{100}^{(22)}m_{200}^{(10)}m_{021}^{(21)}\\
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&+m_{100}^{(22)}m_{110}^{(11)}m_{102}^{(10)} - 2m_{100}^{(22)}m_{110}^{(20)}m_{120}^{(21)} + m_{100}^{(22)}m_{110}^{(20)}m_{111}^{(11)} + m_{100}^{(22)}m_{110}^{(20)}m_{021}^{(10)}\\
&+2m_{100}^{(22)}m_{110}^{(21)}m_{210}^{(21)} - m_{100}^{(22)}m_{110}^{(21)}m_{201}^{(11)} - m_{100}^{(22)}m_{110}^{(21)}m_{111}^{(10)} - m_{100}^{(22)}m_{101}^{(00)}m_{030}^{(21)}\\
&+m_{100}^{(22)}m_{101}^{(00)}m_{021}^{(11)} + 2m_{100}^{(22)}m_{101}^{(10)}m_{120}^{(21)} - 3m_{100}^{(22)}m_{101}^{(10)}m_{111}^{(11)} + m_{100}^{(22)}m_{101}^{(10)}m_{021}^{(10)}\\
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&+3m_{100}^{(22)}m_{011}^{(10)}m_{111}^{(10)} + m_{100}^{(22)}m_{011}^{(11)}m_{300}^{(21)} - m_{100}^{(22)}m_{011}^{(11)}m_{201}^{(10)} - m_{100}^{(22)}m_{011}^{(20)}m_{210}^{(11)}\\
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&+m_{010}^{(00)}m_{101}^{(10)}m_{012}^{(21)}+m_{010}^{(00)}m_{101}^{(11)}m_{111}^{(22)}-2m_{010}^{(00)}m_{101}^{(11)}m_{102}^{(21)}+m_{010}^{(00)}m_{101}^{(11)}m_{012}^{(20)}\\
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&+m_{010}^{(10)}m_{002}^{(10)}m_{111}^{(20)}-m_{010}^{(10)}m_{002}^{(20)}m_{210}^{(21)}+m_{010}^{(10)}m_{002}^{(20)}m_{120}^{(20)}+m_{010}^{(10)}m_{002}^{(21)}m_{300}^{(21)}\\
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&+2m_{010}^{(20)}m_{200}^{(21)}m_{012}^{(10)}+m_{010}^{(20)}m_{200}^{(22)}m_{030}^{(20)}-m_{010}^{(20)}m_{200}^{(22)}m_{021}^{(10)}+m_{010}^{(20)}m_{110}^{(00)}m_{021}^{(22)}\\
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&+2m_{010}^{(20)}m_{110}^{(20)}m_{021}^{(20)}-m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(10)}+2m_{010}^{(20)}m_{110}^{(21)}m_{210}^{(22)}-m_{010}^{(20)}m_{110}^{(21)}m_{201}^{(21)}\\
&+2m_{010}^{(20)}m_{110}^{(21)}m_{111}^{(20)}-m_{010}^{(20)}m_{110}^{(21)}m_{102}^{(10)}-2m_{010}^{(20)}m_{110}^{(21)}m_{012}^{(00)}-2m_{010}^{(20)}m_{110}^{(22)}m_{120}^{(20)}\\
&+m_{010}^{(20)}m_{110}^{(22)}m_{111}^{(10)}+m_{010}^{(20)}m_{110}^{(22)}m_{021}^{(00)}-m_{010}^{(20)}m_{101}^{(00)}m_{030}^{(22)}+m_{010}^{(20)}m_{101}^{(00)}m_{021}^{(21)}\\
&+2m_{010}^{(20)}m_{101}^{(10)}m_{120}^{(22)}-3m_{010}^{(20)}m_{101}^{(10)}m_{111}^{(21)}+2m_{010}^{(20)}m_{101}^{(10)}m_{021}^{(20)}-m_{010}^{(20)}m_{101}^{(10)}m_{012}^{(10)}\\
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&-m_{010}^{(20)}m_{101}^{(21)}m_{210}^{(21)}+2m_{010}^{(20)}m_{101}^{(21)}m_{120}^{(20)}-3m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(10)}+2m_{010}^{(20)}m_{101}^{(21)}m_{021}^{(00)}\\
&+m_{010}^{(20)}m_{101}^{(22)}m_{120}^{(10)}-m_{010}^{(20)}m_{101}^{(22)}m_{030}^{(00)}-m_{010}^{(20)}m_{020}^{(00)}m_{111}^{(22)}+m_{010}^{(20)}m_{020}^{(00)}m_{012}^{(20)}
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&+m_{010}^{(20)}m_{020}^{(10)}m_{201}^{(22)} - m_{010}^{(20)}m_{020}^{(10)}m_{003}^{(00)} + m_{010}^{(20)}m_{020}^{(20)}m_{210}^{(22)} - 2m_{010}^{(20)}m_{020}^{(20)}m_{111}^{(20)}\\
&+m_{010}^{(20)}m_{020}^{(20)}m_{012}^{(00)} - m_{010}^{(20)}m_{020}^{(21)}m_{300}^{(22)} + m_{010}^{(20)}m_{020}^{(21)}m_{102}^{(00)} + m_{010}^{(20)}m_{020}^{(22)}m_{210}^{(20)}\\
&-m_{010}^{(20)}m_{020}^{(22)}m_{111}^{(00)} + m_{010}^{(20)}m_{011}^{(00)}m_{120}^{(22)} + m_{010}^{(20)}m_{011}^{(00)}m_{111}^{(21)} - 2m_{010}^{(20)}m_{011}^{(00)}m_{021}^{(20)}\\
&-2m_{010}^{(20)}m_{011}^{(10)}m_{210}^{(22)} - m_{010}^{(20)}m_{011}^{(10)}m_{201}^{(21)} + 2m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(20)} - m_{010}^{(20)}m_{011}^{(10)}m_{102}^{(10)}\\
&+2m_{010}^{(20)}m_{011}^{(10)}m_{012}^{(00)} + m_{010}^{(20)}m_{011}^{(11)}m_{300}^{(22)} - m_{010}^{(20)}m_{011}^{(11)}m_{102}^{(00)} - m_{010}^{(20)}m_{011}^{(20)}m_{210}^{(21)}\\
&+2m_{010}^{(20)}m_{011}^{(20)}m_{120}^{(20)} + m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(10)} - 2m_{010}^{(20)}m_{011}^{(20)}m_{021}^{(00)} + m_{010}^{(20)}m_{011}^{(21)}m_{300}^{(21)}\\
&-2m_{010}^{(20)}m_{011}^{(21)}m_{210}^{(20)} + m_{010}^{(20)}m_{011}^{(21)}m_{201}^{(10)} - m_{010}^{(20)}m_{011}^{(22)}m_{210}^{(10)} + m_{010}^{(20)}m_{011}^{(22)}m_{120}^{(00)}\\
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&+m_{010}^{(21)}m_{200}^{(20)}m_{021}^{(20)} - m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(10)} + m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(20)} - m_{010}^{(21)}m_{200}^{(21)}m_{102}^{(10)}\\
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&+2m_{010}^{(21)}m_{020}^{(20)}m_{201}^{(20)} - 2m_{010}^{(21)}m_{020}^{(20)}m_{102}^{(00)} - m_{010}^{(21)}m_{020}^{(22)}m_{300}^{(20)} + m_{010}^{(21)}m_{020}^{(22)}m_{201}^{(00)}\\
&+m_{010}^{(21)}m_{011}^{(00)}m_{111}^{(20)} + m_{010}^{(21)}m_{011}^{(00)}m_{102}^{(10)} - 2m_{010}^{(21)}m_{011}^{(00)}m_{012}^{(00)} - m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(20)}\\
&+m_{010}^{(21)}m_{011}^{(10)}m_{102}^{(00)} - m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(20)} - 2m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(10)} + 3m_{010}^{(21)}m_{011}^{(20)}m_{111}^{(00)}\\
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&-m_{010}^{(22)}m_{101}^{(10)}m_{021}^{(00)} + m_{010}^{(22)}m_{101}^{(11)}m_{210}^{(20)} - 2m_{010}^{(22)}m_{101}^{(11)}m_{201}^{(10)} + m_{010}^{(22)}m_{101}^{(11)}m_{111}^{(00)}\\
&-m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(10)} + m_{010}^{(22)}m_{101}^{(20)}m_{030}^{(00)} + m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(10)} - m_{010}^{(22)}m_{101}^{(21)}m_{120}^{(00)}\\
&+m_{010}^{(22)}m_{020}^{(00)}m_{111}^{(20)} - m_{010}^{(22)}m_{020}^{(00)}m_{012}^{(00)} - m_{010}^{(22)}m_{020}^{(10)}m_{201}^{(20)} + m_{010}^{(22)}m_{020}^{(10)}m_{102}^{(00)}\\
&-m_{010}^{(22)}m_{020}^{(20)}m_{210}^{(20)} + m_{010}^{(22)}m_{020}^{(20)}m_{111}^{(00)} + m_{010}^{(22)}m_{020}^{(21)}m_{300}^{(20)} - m_{010}^{(22)}m_{020}^{(21)}m_{201}^{(00)}\\
&-m_{010}^{(22)}m_{011}^{(00)}m_{120}^{(20)} + m_{010}^{(22)}m_{011}^{(00)}m_{111}^{(10)} + 2m_{010}^{(22)}m_{011}^{(00)}m_{021}^{(00)} + 2m_{010}^{(22)}m_{011}^{(10)}m_{210}^{(20)}\\
&+m_{010}^{(22)}m_{011}^{(10)}m_{201}^{(10)} - 3m_{010}^{(22)}m_{011}^{(10)}m_{111}^{(00)} - m_{010}^{(22)}m_{011}^{(11)}m_{300}^{(20)} + m_{010}^{(22)}m_{011}^{(11)}m_{201}^{(00)}\\
&+m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(10)} - m_{010}^{(22)}m_{011}^{(20)}m_{120}^{(00)} - m_{010}^{(22)}m_{011}^{(21)}m_{300}^{(10)} + m_{010}^{(22)}m_{011}^{(21)}m_{210}^{(00)}
\end{aligned}
$$

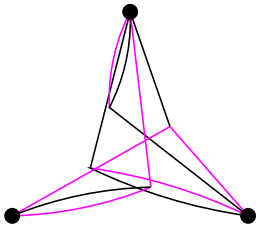
$$+m_{010}^{(22)}m_{002}^{(00)}m_{120}^{(10)}-m_{010}^{(22)}m_{002}^{(00)}m_{030}^{(00)}-2m_{010}^{(22)}m_{002}^{(10)}m_{210}^{(10)}+2m_{010}^{(22)}m_{002}^{(10)}m_{120}^{(00)}$$
$$+m_{010}^{(22)}m_{002}^{(11)}m_{300}^{(10)}-m_{010}^{(22)}m_{002}^{(11)}m_{210}^{(00)}+m_{001}^{(00)}m_{200}^{(11)}m_{012}^{(21)}-m_{001}^{(00)}m_{200}^{(11)}m_{003}^{(11)}$$
$$-2m_{001}^{(00)}m_{200}^{(21)}m_{021}^{(21)}+2m_{001}^{(00)}m_{200}^{(21)}m_{012}^{(11)}+m_{001}^{(00)}m_{200}^{(22)}m_{030}^{(21)}-m_{001}^{(00)}m_{200}^{(22)}m_{021}^{(11)}$$
$$-m_{001}^{(00)}m_{110}^{(10)}m_{012}^{(21)}+m_{001}^{(00)}m_{110}^{(10)}m_{003}^{(11)}-m_{001}^{(00)}m_{110}^{(11)}m_{102}^{(21)}+m_{001}^{(00)}m_{110}^{(11)}m_{003}^{(10)}$$
$$+m_{001}^{(00)}m_{110}^{(20)}m_{021}^{(21)}-m_{001}^{(00)}m_{110}^{(20)}m_{012}^{(11)}+3m_{001}^{(00)}m_{110}^{(21)}m_{111}^{(21)}-m_{001}^{(00)}m_{110}^{(21)}m_{102}^{(11)}$$
$$-2m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(10)}-2m_{001}^{(00)}m_{110}^{(22)}m_{120}^{(21)}+m_{001}^{(00)}m_{110}^{(22)}m_{111}^{(11)}+m_{001}^{(00)}m_{110}^{(22)}m_{021}^{(10)}$$
$$+m_{001}^{(00)}m_{101}^{(10)}m_{021}^{(21)}-m_{001}^{(00)}m_{101}^{(10)}m_{012}^{(11)}-m_{001}^{(00)}m_{101}^{(11)}m_{111}^{(21)}+2m_{001}^{(00)}m_{101}^{(11)}m_{102}^{(11)}$$
$$-m_{001}^{(00)}m_{101}^{(11)}m_{012}^{(10)}-m_{001}^{(00)}m_{101}^{(20)}m_{030}^{(21)}+m_{001}^{(00)}m_{101}^{(20)}m_{021}^{(11)}+m_{001}^{(00)}m_{101}^{(21)}m_{120}^{(21)}$$
$$-3m_{001}^{(00)}m_{101}^{(21)}m_{111}^{(11)}+2m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(10)}+m_{001}^{(00)}m_{101}^{(22)}m_{120}^{(11)}-m_{001}^{(00)}m_{101}^{(22)}m_{030}^{(10)}$$
$$+m_{001}^{(00)}m_{020}^{(10)}m_{102}^{(21)}-m_{001}^{(00)}m_{020}^{(10)}m_{003}^{(10)}-m_{001}^{(00)}m_{020}^{(20)}m_{111}^{(21)}+m_{001}^{(00)}m_{020}^{(20)}m_{012}^{(10)}$$
$$-m_{001}^{(00)}m_{020}^{(21)}m_{201}^{(21)}+m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(10)}+m_{001}^{(00)}m_{020}^{(22)}m_{210}^{(21)}-m_{001}^{(00)}m_{020}^{(22)}m_{111}^{(10)}$$
$$-m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(21)}-m_{001}^{(00)}m_{011}^{(10)}m_{102}^{(11)}+2m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(10)}+m_{001}^{(00)}m_{011}^{(11)}m_{201}^{(21)}$$
$$-m_{001}^{(00)}m_{011}^{(11)}m_{102}^{(10)}+m_{001}^{(00)}m_{011}^{(20)}m_{120}^{(21)}+m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(11)}-2m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(10)}$$
$$-m_{001}^{(00)}m_{011}^{(21)}m_{210}^{(21)}+m_{001}^{(00)}m_{011}^{(21)}m_{201}^{(11)}-m_{001}^{(00)}m_{011}^{(22)}m_{210}^{(11)}+m_{001}^{(00)}m_{011}^{(22)}m_{120}^{(10)}$$
$$+m_{001}^{(00)}m_{002}^{(10)}m_{111}^{(11)}-m_{001}^{(00)}m_{002}^{(10)}m_{021}^{(10)}-m_{001}^{(00)}m_{002}^{(11)}m_{201}^{(11)}+m_{001}^{(00)}m_{002}^{(11)}m_{111}^{(10)}$$
$$-m_{001}^{(00)}m_{002}^{(20)}m_{120}^{(11)}+m_{001}^{(00)}m_{002}^{(20)}m_{030}^{(10)}+m_{001}^{(00)}m_{002}^{(21)}m_{210}^{(11)}-m_{001}^{(00)}m_{002}^{(21)}m_{120}^{(10)}$$
$$-m_{001}^{(10)}m_{200}^{(10)}m_{012}^{(21)}+m_{001}^{(10)}m_{200}^{(10)}m_{003}^{(11)}-m_{001}^{(10)}m_{200}^{(11)}m_{012}^{(20)}+m_{001}^{(10)}m_{200}^{(11)}m_{003}^{(10)}$$
$$+m_{001}^{(10)}m_{200}^{(20)}m_{021}^{(21)}-m_{001}^{(10)}m_{200}^{(20)}m_{012}^{(11)}+m_{001}^{(10)}m_{200}^{(21)}m_{111}^{(21)}-m_{001}^{(10)}m_{200}^{(21)}m_{102}^{(11)}$$
$$+2m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(20)}-2m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(10)}-m_{001}^{(10)}m_{200}^{(22)}m_{120}^{(21)}+m_{001}^{(10)}m_{200}^{(22)}m_{111}^{(11)}$$
$$-m_{001}^{(10)}m_{200}^{(22)}m_{030}^{(20)}+m_{001}^{(10)}m_{200}^{(22)}m_{021}^{(10)}+m_{001}^{(10)}m_{110}^{(00)}m_{012}^{(21)}-m_{001}^{(10)}m_{110}^{(00)}m_{003}^{(11)}$$
$$+m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(21)}+m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(20)}-2m_{001}^{(10)}m_{110}^{(10)}m_{003}^{(10)}+m_{001}^{(10)}m_{110}^{(11)}m_{102}^{(20)}$$
$$-m_{001}^{(10)}m_{110}^{(11)}m_{003}^{(00)}-3m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(21)}+2m_{001}^{(10)}m_{110}^{(20)}m_{102}^{(11)}-m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(20)}$$
$$+2m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(10)}-m_{001}^{(10)}m_{110}^{(21)}m_{201}^{(21)}-3m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(20)}+2m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(10)}$$
$$+2m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(00)}+2m_{001}^{(10)}m_{110}^{(22)}m_{210}^{(21)}-m_{001}^{(10)}m_{110}^{(22)}m_{201}^{(11)}+2m_{001}^{(10)}m_{110}^{(22)}m_{120}^{(20)}$$
$$-2m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(10)}-m_{001}^{(10)}m_{110}^{(22)}m_{021}^{(00)}-m_{001}^{(10)}m_{101}^{(00)}m_{021}^{(21)}+m_{001}^{(10)}m_{101}^{(00)}m_{012}^{(11)}$$
$$+m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(21)}-2m_{001}^{(10)}m_{101}^{(10)}m_{102}^{(11)}-m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(20)}+2m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(10)}$$
$$+m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(20)}-2m_{001}^{(10)}m_{101}^{(11)}m_{102}^{(10)}+m_{001}^{(10)}m_{101}^{(11)}m_{012}^{(00)}+m_{001}^{(10)}m_{101}^{(20)}m_{120}^{(21)}$$
$$+m_{001}^{(10)}m_{101}^{(20)}m_{030}^{(20)}-2m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(10)}-m_{001}^{(10)}m_{101}^{(21)}m_{210}^{(21)}+2m_{001}^{(10)}m_{101}^{(21)}m_{201}^{(11)}$$
$$-m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(20)}+2m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(10)}-2m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(00)}-m_{001}^{(10)}m_{101}^{(22)}m_{210}^{(11)}$$
$$+m_{001}^{(10)}m_{101}^{(22)}m_{030}^{(00)}-m_{001}^{(10)}m_{020}^{(00)}m_{102}^{(21)}+m_{001}^{(10)}m_{020}^{(00)}m_{003}^{(10)}-m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(20)}$$
$$+m_{001}^{(10)}m_{020}^{(10)}m_{003}^{(00)}+2m_{001}^{(10)}m_{020}^{(20)}m_{201}^{(21)}+m_{001}^{(10)}m_{020}^{(20)}m_{111}^{(20)}-2m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(10)}$$
$$-m_{001}^{(10)}m_{020}^{(20)}m_{012}^{(00)}+m_{001}^{(10)}m_{020}^{(21)}m_{201}^{(20)}-m_{001}^{(10)}m_{020}^{(21)}m_{102}^{(00)}-m_{001}^{(10)}m_{020}^{(22)}m_{300}^{(21)}$$
$$-m_{001}^{(10)}m_{020}^{(22)}m_{210}^{(20)}+m_{001}^{(10)}m_{020}^{(22)}m_{201}^{(10)}+m_{001}^{(10)}m_{020}^{(22)}m_{111}^{(00)}+m_{001}^{(10)}m_{011}^{(00)}m_{111}^{(21)}$$
$$+m_{001}^{(10)}m_{011}^{(00)}m_{102}^{(11)}-2m_{001}^{(10)}m_{011}^{(00)}m_{012}^{(10)}-m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(21)}+m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(20)}$$
$$+2m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(10)}-2m_{001}^{(10)}m_{011}^{(10)}m_{012}^{(00)}-m_{001}^{(10)}m_{011}^{(11)}m_{201}^{(20)}+m_{001}^{(10)}m_{011}^{(11)}m_{102}^{(00)}$$
$$-m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(21)}-2m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(11)}-m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(20)}+2m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(10)}$$
$$+2m_{001}^{(10)}m_{011}^{(20)}m_{021}^{(00)}+m_{001}^{(10)}m_{011}^{(21)}m_{300}^{(21)}+m_{001}^{(10)}m_{011}^{(21)}m_{210}^{(20)}-2m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(10)}$$
$$+m_{001}^{(10)}m_{011}^{(22)}m_{300}^{(11)}-m_{001}^{(10)}m_{011}^{(22)}m_{120}^{(00)}-m_{001}^{(10)}m_{002}^{(00)}m_{111}^{(11)}+m_{001}^{(10)}m_{002}^{(00)}m_{021}^{(10)}$$

$$
\begin{aligned}
&+m_{001}^{(10)}m_{002}^{(10)}m_{201}^{(11)} - 2m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(10)} + m_{001}^{(10)}m_{002}^{(10)}m_{021}^{(00)} + m_{001}^{(10)}m_{002}^{(11)}m_{201}^{(10)}\\
&-m_{001}^{(10)}m_{002}^{(11)}m_{111}^{(00)} + m_{001}^{(10)}m_{002}^{(20)}m_{210}^{(11)} - m_{001}^{(10)}m_{002}^{(20)}m_{030}^{(00)} - m_{001}^{(10)}m_{002}^{(21)}m_{300}^{(11)}\\
&+m_{001}^{(10)}m_{002}^{(21)}m_{120}^{(00)} + m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(20)} - m_{001}^{(11)}m_{200}^{(10)}m_{003}^{(10)} - m_{001}^{(11)}m_{200}^{(20)}m_{021}^{(20)}\\
&+m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(10)} - m_{001}^{(11)}m_{200}^{(21)}m_{111}^{(20)} + m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(10)} + m_{001}^{(11)}m_{200}^{(22)}m_{120}^{(20)}\\
&-m_{001}^{(11)}m_{200}^{(22)}m_{111}^{(10)} - m_{001}^{(11)}m_{110}^{(00)}m_{012}^{(20)} + m_{001}^{(11)}m_{110}^{(00)}m_{003}^{(10)} - m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(20)}\\
&+m_{001}^{(11)}m_{110}^{(10)}m_{003}^{(00)} + 3m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(20)} - 2m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(10)} - m_{001}^{(11)}m_{110}^{(20)}m_{012}^{(00)}\\
&+m_{001}^{(11)}m_{110}^{(21)}m_{201}^{(20)} - m_{001}^{(11)}m_{110}^{(21)}m_{102}^{(00)} - 2m_{001}^{(11)}m_{110}^{(22)}m_{210}^{(20)} + m_{001}^{(11)}m_{110}^{(22)}m_{201}^{(10)}\\
&+m_{001}^{(11)}m_{110}^{(22)}m_{111}^{(00)} + m_{001}^{(11)}m_{101}^{(00)}m_{021}^{(20)} - m_{001}^{(11)}m_{101}^{(00)}m_{012}^{(10)} - m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(20)}\\
&+2m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(10)} - m_{001}^{(11)}m_{101}^{(10)}m_{012}^{(00)} - m_{001}^{(11)}m_{101}^{(20)}m_{120}^{(20)} + m_{001}^{(11)}m_{101}^{(20)}m_{021}^{(00)}\\
&+m_{001}^{(11)}m_{101}^{(21)}m_{210}^{(20)} - 2m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(10)} + m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(00)} + m_{001}^{(11)}m_{101}^{(22)}m_{210}^{(10)}\\
&-m_{001}^{(11)}m_{101}^{(22)}m_{120}^{(00)} + m_{001}^{(11)}m_{020}^{(00)}m_{102}^{(20)} - m_{001}^{(11)}m_{020}^{(00)}m_{003}^{(00)} - 2m_{001}^{(11)}m_{020}^{(20)}m_{201}^{(20)}\\
&+2m_{001}^{(11)}m_{020}^{(20)}m_{102}^{(00)} + m_{001}^{(11)}m_{020}^{(22)}m_{300}^{(20)} - m_{001}^{(11)}m_{020}^{(22)}m_{201}^{(00)} - m_{001}^{(11)}m_{011}^{(00)}m_{111}^{(20)}\\
&-m_{001}^{(11)}m_{011}^{(00)}m_{102}^{(10)} + 2m_{001}^{(11)}m_{011}^{(00)}m_{012}^{(00)} + m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(20)} - m_{001}^{(11)}m_{011}^{(10)}m_{102}^{(00)}\\
&+m_{001}^{(11)}m_{011}^{(20)}m_{210}^{(20)} + 2m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(10)} - 3m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(00)} - m_{001}^{(11)}m_{011}^{(21)}m_{300}^{(20)}\\
&+m_{001}^{(11)}m_{011}^{(21)}m_{201}^{(00)} - m_{001}^{(11)}m_{011}^{(22)}m_{300}^{(10)} + m_{001}^{(11)}m_{011}^{(22)}m_{210}^{(00)} + m_{001}^{(11)}m_{002}^{(00)}m_{111}^{(10)}\\
&-m_{001}^{(11)}m_{002}^{(00)}m_{021}^{(00)} - m_{001}^{(11)}m_{002}^{(10)}m_{201}^{(10)} + m_{001}^{(11)}m_{002}^{(10)}m_{111}^{(00)} - m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(10)}\\
&+m_{001}^{(11)}m_{002}^{(20)}m_{120}^{(00)} + m_{001}^{(11)}m_{002}^{(21)}m_{300}^{(10)} - m_{001}^{(11)}m_{002}^{(21)}m_{210}^{(00)} + m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(21)}\\
&-m_{001}^{(20)}m_{200}^{(10)}m_{012}^{(11)} - m_{001}^{(20)}m_{200}^{(11)}m_{111}^{(21)} + m_{001}^{(20)}m_{200}^{(11)}m_{102}^{(11)} - m_{001}^{(20)}m_{200}^{(20)}m_{030}^{(21)}\\
&+m_{001}^{(20)}m_{200}^{(20)}m_{021}^{(11)} + m_{001}^{(20)}m_{200}^{(21)}m_{120}^{(21)} - m_{001}^{(20)}m_{200}^{(21)}m_{111}^{(11)} - m_{001}^{(20)}m_{110}^{(00)}m_{021}^{(21)}\\
&+m_{001}^{(20)}m_{110}^{(00)}m_{012}^{(11)} - m_{001}^{(20)}m_{110}^{(10)}m_{102}^{(11)} + m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(10)} + m_{001}^{(20)}m_{110}^{(11)}m_{201}^{(21)}\\
&-m_{001}^{(20)}m_{110}^{(11)}m_{102}^{(10)} + 2m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(21)} - m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(11)} - m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(10)}\\
&-2m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(21)} + m_{001}^{(20)}m_{110}^{(21)}m_{201}^{(11)} + m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(10)} + m_{001}^{(20)}m_{101}^{(00)}m_{021}^{(21)}\\
&-m_{001}^{(20)}m_{101}^{(00)}m_{021}^{(11)} - 2m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(21)} + 3m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(11)} - m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(10)}\\
&+m_{001}^{(20)}m_{101}^{(11)}m_{210}^{(21)} - 2m_{001}^{(20)}m_{101}^{(11)}m_{201}^{(11)} + m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(10)} - m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(11)}\\
&+m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(10)} + m_{001}^{(20)}m_{101}^{(21)}m_{210}^{(11)} - m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(10)} + m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(21)}\\
&-m_{001}^{(20)}m_{020}^{(00)}m_{012}^{(10)} - m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(10)} + m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(10)} - m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(21)}\\
&+m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(10)} + m_{001}^{(20)}m_{020}^{(21)}m_{300}^{(21)} - m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(10)} - m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(21)}\\
&-m_{001}^{(20)}m_{011}^{(00)}m_{111}^{(11)} + 2m_{001}^{(20)}m_{011}^{(00)}m_{021}^{(10)} + 2m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(21)} + m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(11)}\\
&-3m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(10)} - m_{001}^{(20)}m_{011}^{(11)}m_{300}^{(21)} + m_{001}^{(20)}m_{011}^{(11)}m_{201}^{(10)} + m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(11)}\\
&-m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(10)} - m_{001}^{(20)}m_{011}^{(21)}m_{300}^{(11)} + m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(10)} + m_{001}^{(20)}m_{002}^{(00)}m_{120}^{(11)}\\
&-m_{001}^{(20)}m_{002}^{(00)}m_{030}^{(10)} - 2m_{001}^{(20)}m_{002}^{(10)}m_{210}^{(11)} + 2m_{001}^{(20)}m_{002}^{(10)}m_{120}^{(10)} + m_{001}^{(20)}m_{002}^{(11)}m_{300}^{(11)}\\
&-m_{001}^{(20)}m_{002}^{(11)}m_{210}^{(10)} - m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(20)} + m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(10)} + m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(20)}\\
&-m_{001}^{(21)}m_{200}^{(11)}m_{102}^{(10)} + m_{001}^{(21)}m_{200}^{(20)}m_{030}^{(20)} - m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(10)} - m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(20)}\\
&+m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(10)} + m_{001}^{(21)}m_{110}^{(00)}m_{021}^{(20)} - m_{001}^{(21)}m_{110}^{(00)}m_{012}^{(10)} + m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(10)}\\
&-m_{001}^{(21)}m_{110}^{(10)}m_{012}^{(00)} - m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(20)} + m_{001}^{(21)}m_{110}^{(11)}m_{102}^{(00)} - 2m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(20)}\\
&+m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(10)} + m_{001}^{(21)}m_{110}^{(20)}m_{021}^{(00)} + 2m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(20)} - m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(10)}\\
&-m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(00)} - m_{001}^{(21)}m_{101}^{(00)}m_{030}^{(20)} + m_{001}^{(21)}m_{101}^{(00)}m_{021}^{(10)} + 2m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(20)}\\
&-3m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(10)} + m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(00)} - m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(20)} + 2m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(10)}
\end{aligned}
$$

$$
\begin{array}{l}
-m_{001}^{(21)} m_{101}^{(11)} m_{111}^{(00)} + m_{001}^{(21)} m_{101}^{(20)} m_{120}^{(10)} - m_{001}^{(21)} m_{101}^{(20)} m_{030}^{(00)} - m_{001}^{(21)} m_{101}^{(21)} m_{210}^{(10)} \\
+m_{001}^{(21)} m_{101}^{(21)} m_{120}^{(00)} - m_{001}^{(21)} m_{020}^{(00)} m_{111}^{(20)} + m_{001}^{(21)} m_{020}^{(00)} m_{012}^{(00)} + m_{001}^{(21)} m_{020}^{(10)} m_{201}^{(20)} \\
-m_{001}^{(21)} m_{020}^{(10)} m_{102}^{(00)} + m_{001}^{(21)} m_{020}^{(20)} m_{210}^{(20)} - m_{001}^{(21)} m_{020}^{(20)} m_{111}^{(00)} - m_{001}^{(21)} m_{020}^{(21)} m_{300}^{(20)} \\
+m_{001}^{(21)} m_{020}^{(21)} m_{201}^{(00)} + m_{001}^{(21)} m_{011}^{(00)} m_{120}^{(20)} + m_{001}^{(21)} m_{011}^{(00)} m_{111}^{(10)} - 2m_{001}^{(21)} m_{011}^{(00)} m_{021}^{(00)} \\
-2m_{001}^{(21)} m_{011}^{(10)} m_{210}^{(20)} - m_{001}^{(21)} m_{011}^{(10)} m_{201}^{(10)} + 3m_{001}^{(21)} m_{011}^{(10)} m_{111}^{(00)} + m_{001}^{(21)} m_{011}^{(11)} m_{300}^{(20)} \\
-m_{001}^{(21)} m_{011}^{(11)} m_{201}^{(00)} - m_{001}^{(21)} m_{011}^{(20)} m_{210}^{(10)} + m_{001}^{(21)} m_{011}^{(20)} m_{120}^{(00)} + m_{001}^{(21)} m_{011}^{(21)} m_{300}^{(10)} \\
-m_{001}^{(21)} m_{011}^{(21)} m_{210}^{(00)} - m_{001}^{(21)} m_{002}^{(00)} m_{120}^{(10)} + m_{001}^{(21)} m_{002}^{(00)} m_{030}^{(00)} + 2m_{001}^{(21)} m_{002}^{(10)} m_{210}^{(10)} \\
-2m_{001}^{(21)} m_{002}^{(10)} m_{120}^{(00)} - m_{001}^{(21)} m_{002}^{(11)} m_{300}^{(10)} + m_{001}^{(21)} m_{002}^{(11)} m_{210}^{(00)}
\end{array}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & V1 & V2 & 2 \\
1 & 2 & 2 & V3 \\
V2 & V3 & 3 & 3
\end{array}
$$



$$
\begin{array}{rcl}
T_{81} & = & m_{100}^{(10)} m_{110}^{(10)} m_{012}^{(22)} - m_{100}^{(10)} m_{110}^{(10)} m_{003}^{(21)} - m_{100}^{(10)} m_{110}^{(11)} m_{102}^{(22)} + m_{100}^{(10)} m_{110}^{(11)} m_{003}^{(20)} \\
 & & -m_{100}^{(10)} m_{110}^{(20)} m_{021}^{(22)} + m_{100}^{(10)} m_{110}^{(20)} m_{012}^{(21)} + m_{100}^{(10)} m_{110}^{(21)} m_{111}^{(22)} + m_{100}^{(10)} m_{110}^{(21)} m_{102}^{(21)} \\
 & & -2m_{100}^{(10)} m_{110}^{(21)} m_{012}^{(20)} - m_{100}^{(10)} m_{110}^{(22)} m_{111}^{(21)} + m_{100}^{(10)} m_{110}^{(22)} m_{021}^{(20)} - m_{100}^{(10)} m_{101}^{(10)} m_{012}^{(21)} \\
 & & +m_{100}^{(10)} m_{101}^{(10)} m_{003}^{(11)} + m_{100}^{(10)} m_{101}^{(11)} m_{102}^{(21)} - m_{100}^{(10)} m_{101}^{(11)} m_{003}^{(10)} + m_{100}^{(10)} m_{101}^{(20)} m_{021}^{(21)} \\
 & & -m_{100}^{(10)} m_{101}^{(20)} m_{012}^{(11)} - m_{100}^{(10)} m_{101}^{(21)} m_{111}^{(21)} - m_{100}^{(10)} m_{101}^{(21)} m_{102}^{(11)} + 2m_{100}^{(10)} m_{101}^{(21)} m_{012}^{(10)} \\
 & & +m_{100}^{(10)} m_{101}^{(22)} m_{111}^{(11)} - m_{100}^{(10)} m_{101}^{(22)} m_{021}^{(10)} - m_{100}^{(10)} m_{020}^{(00)} m_{012}^{(22)} + m_{100}^{(10)} m_{020}^{(00)} m_{003}^{(21)} \\
 & & +m_{100}^{(10)} m_{020}^{(10)} m_{102}^{(22)} - m_{100}^{(10)} m_{020}^{(10)} m_{003}^{(20)} + m_{100}^{(10)} m_{020}^{(20)} m_{111}^{(22)} - 2m_{100}^{(10)} m_{020}^{(20)} m_{102}^{(21)} \\
 & & +m_{100}^{(10)} m_{020}^{(20)} m_{012}^{(20)} - m_{100}^{(10)} m_{020}^{(21)} m_{201}^{(22)} + m_{100}^{(10)} m_{020}^{(21)} m_{102}^{(20)} + m_{100}^{(10)} m_{020}^{(22)} m_{201}^{(21)} \\
 & & -m_{100}^{(10)} m_{020}^{(22)} m_{111}^{(20)} + m_{100}^{(10)} m_{011}^{(00)} m_{021}^{(22)} - m_{100}^{(10)} m_{011}^{(00)} m_{003}^{(11)} - 2m_{100}^{(10)} m_{011}^{(10)} m_{111}^{(22)} \\
 & & +m_{100}^{(10)} m_{011}^{(10)} m_{012}^{(20)} + m_{100}^{(10)} m_{011}^{(10)} m_{003}^{(10)} + m_{100}^{(10)} m_{011}^{(11)} m_{201}^{(22)} - m_{100}^{(10)} m_{011}^{(11)} m_{102}^{(20)} \\
 & & +2m_{100}^{(10)} m_{011}^{(20)} m_{102}^{(11)} - m_{100}^{(10)} m_{011}^{(20)} m_{021}^{(20)} - m_{100}^{(10)} m_{011}^{(20)} m_{012}^{(10)} + m_{100}^{(10)} m_{011}^{(21)} m_{111}^{(20)} \\
 & & -m_{100}^{(10)} m_{011}^{(21)} m_{102}^{(10)} - m_{100}^{(10)} m_{011}^{(22)} m_{201}^{(11)} + m_{100}^{(10)} m_{011}^{(22)} m_{111}^{(10)} - m_{100}^{(10)} m_{002}^{(00)} m_{021}^{(21)} \\
 & & +m_{100}^{(10)} m_{002}^{(00)} m_{012}^{(11)} + 2m_{100}^{(10)} m_{002}^{(10)} m_{111}^{(21)} - m_{100}^{(10)} m_{002}^{(10)} m_{102}^{(11)} - m_{100}^{(10)} m_{002}^{(10)} m_{012}^{(10)} \\
 & & -m_{100}^{(10)} m_{002}^{(11)} m_{201}^{(21)} + m_{100}^{(10)} m_{002}^{(11)} m_{102}^{(10)} - m_{100}^{(10)} m_{002}^{(20)} m_{111}^{(11)} + m_{100}^{(10)} m_{002}^{(20)} m_{021}^{(10)} \\
 & & +m_{100}^{(10)} m_{002}^{(21)} m_{201}^{(11)} - m_{100}^{(10)} m_{002}^{(21)} m_{111}^{(10)} - m_{100}^{(11)} m_{200}^{(10)} m_{012}^{(22)} + m_{100}^{(11)} m_{200}^{(10)} m_{003}^{(21)}
\end{array}
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\begin{aligned}
&+m_{100}^{(11)}m_{200}^{(11)}m_{102}^{(22)} - m_{100}^{(11)}m_{200}^{(11)}m_{003}^{(20)} + m_{100}^{(11)}m_{200}^{(20)}m_{021}^{(22)} - m_{100}^{(11)}m_{200}^{(20)}m_{012}^{(21)}\\
&-m_{100}^{(11)}m_{200}^{(21)}m_{111}^{(22)} - m_{100}^{(11)}m_{200}^{(21)}m_{102}^{(21)} + 2m_{100}^{(11)}m_{200}^{(21)}m_{012}^{(20)} + m_{100}^{(11)}m_{200}^{(22)}m_{111}^{(21)}\\
&-m_{100}^{(11)}m_{200}^{(22)}m_{021}^{(20)} + m_{100}^{(11)}m_{110}^{(00)}m_{012}^{(22)} - m_{100}^{(11)}m_{110}^{(00)}m_{003}^{(21)} - m_{100}^{(11)}m_{110}^{(10)}m_{102}^{(22)}\\
&+m_{100}^{(11)}m_{110}^{(10)}m_{003}^{(20)} - m_{100}^{(11)}m_{110}^{(20)}m_{111}^{(22)} + 2m_{100}^{(11)}m_{110}^{(20)}m_{102}^{(21)} - m_{100}^{(11)}m_{110}^{(20)}m_{012}^{(20)}\\
&+m_{100}^{(11)}m_{110}^{(21)}m_{201}^{(22)} - m_{100}^{(11)}m_{110}^{(21)}m_{102}^{(20)} - m_{100}^{(11)}m_{110}^{(22)}m_{201}^{(21)} + m_{100}^{(11)}m_{110}^{(22)}m_{111}^{(20)}\\
&-m_{100}^{(11)}m_{101}^{(00)}m_{021}^{(22)} + m_{100}^{(11)}m_{101}^{(00)}m_{012}^{(21)} + 2m_{100}^{(11)}m_{101}^{(10)}m_{111}^{(22)} - m_{100}^{(11)}m_{101}^{(10)}m_{102}^{(21)}\\
&-m_{100}^{(11)}m_{101}^{(10)}m_{003}^{(10)} - m_{100}^{(11)}m_{101}^{(11)}m_{201}^{(22)} + m_{100}^{(11)}m_{101}^{(11)}m_{003}^{(00)} - m_{100}^{(11)}m_{101}^{(20)}m_{111}^{(21)}\\
&+m_{100}^{(11)}m_{101}^{(20)}m_{012}^{(10)} + m_{100}^{(11)}m_{101}^{(21)}m_{201}^{(21)} + m_{100}^{(11)}m_{101}^{(21)}m_{102}^{(10)} - 2m_{100}^{(11)}m_{101}^{(21)}m_{012}^{(00)}\\
&-m_{100}^{(11)}m_{101}^{(22)}m_{111}^{(10)} + m_{100}^{(11)}m_{101}^{(22)}m_{021}^{(00)} - m_{100}^{(11)}m_{011}^{(00)}m_{012}^{(20)} + m_{100}^{(11)}m_{011}^{(00)}m_{003}^{(10)}\\
&+m_{100}^{(11)}m_{011}^{(10)}m_{102}^{(20)} - m_{100}^{(11)}m_{011}^{(10)}m_{003}^{(00)} + m_{100}^{(11)}m_{011}^{(20)}m_{111}^{(20)} - 2m_{100}^{(11)}m_{011}^{(20)}m_{102}^{(10)}\\
&+m_{100}^{(11)}m_{011}^{(20)}m_{012}^{(00)} - m_{100}^{(11)}m_{011}^{(21)}m_{201}^{(20)} + m_{100}^{(11)}m_{011}^{(21)}m_{102}^{(00)} + m_{100}^{(11)}m_{011}^{(22)}m_{201}^{(10)}\\
&-m_{100}^{(11)}m_{011}^{(22)}m_{111}^{(00)} + m_{100}^{(11)}m_{002}^{(00)}m_{021}^{(20)} - m_{100}^{(11)}m_{002}^{(00)}m_{012}^{(10)} - 2m_{100}^{(11)}m_{002}^{(10)}m_{111}^{(20)}\\
&+m_{100}^{(11)}m_{002}^{(10)}m_{102}^{(10)} + m_{100}^{(11)}m_{002}^{(10)}m_{012}^{(00)} + m_{100}^{(11)}m_{002}^{(11)}m_{201}^{(20)} - m_{100}^{(11)}m_{002}^{(11)}m_{102}^{(00)}\\
&+m_{100}^{(11)}m_{002}^{(20)}m_{111}^{(10)} - m_{100}^{(11)}m_{002}^{(20)}m_{021}^{(00)} - m_{100}^{(11)}m_{002}^{(21)}m_{201}^{(10)} + m_{100}^{(11)}m_{002}^{(21)}m_{111}^{(00)}\\
&-m_{100}^{(20)}m_{110}^{(10)}m_{021}^{(22)} + m_{100}^{(20)}m_{110}^{(10)}m_{012}^{(21)} + m_{100}^{(20)}m_{110}^{(11)}m_{111}^{(22)} - m_{100}^{(20)}m_{110}^{(11)}m_{012}^{(20)}\\
&+m_{100}^{(20)}m_{110}^{(20)}m_{030}^{(22)} - m_{100}^{(20)}m_{110}^{(20)}m_{021}^{(21)} - m_{100}^{(20)}m_{110}^{(21)}m_{120}^{(22)} - m_{100}^{(20)}m_{110}^{(21)}m_{111}^{(21)}\\
&+2m_{100}^{(20)}m_{110}^{(21)}m_{021}^{(20)} + m_{100}^{(20)}m_{110}^{(22)}m_{120}^{(21)} - m_{100}^{(20)}m_{110}^{(22)}m_{030}^{(20)} + m_{100}^{(20)}m_{101}^{(10)}m_{021}^{(21)}\\
&-m_{100}^{(20)}m_{101}^{(10)}m_{012}^{(11)} - m_{100}^{(20)}m_{101}^{(11)}m_{111}^{(21)} + m_{100}^{(20)}m_{101}^{(11)}m_{012}^{(10)} - m_{100}^{(20)}m_{101}^{(20)}m_{030}^{(21)}\\
&+m_{100}^{(20)}m_{101}^{(20)}m_{021}^{(11)} + m_{100}^{(20)}m_{101}^{(21)}m_{120}^{(21)} + m_{100}^{(20)}m_{101}^{(21)}m_{111}^{(11)} - 2m_{100}^{(20)}m_{101}^{(21)}m_{021}^{(10)}\\
&-m_{100}^{(20)}m_{101}^{(22)}m_{120}^{(11)} + m_{100}^{(20)}m_{101}^{(22)}m_{030}^{(10)} + m_{100}^{(20)}m_{020}^{(00)}m_{021}^{(22)} - m_{100}^{(20)}m_{020}^{(00)}m_{012}^{(21)}\\
&-m_{100}^{(20)}m_{020}^{(10)}m_{111}^{(22)} + m_{100}^{(20)}m_{020}^{(10)}m_{012}^{(20)} - m_{100}^{(20)}m_{020}^{(20)}m_{120}^{(22)} + 2m_{100}^{(20)}m_{020}^{(20)}m_{111}^{(21)}\\
&-m_{100}^{(20)}m_{020}^{(20)}m_{021}^{(20)} + m_{100}^{(20)}m_{020}^{(21)}m_{210}^{(22)} - m_{100}^{(20)}m_{020}^{(21)}m_{111}^{(20)} - m_{100}^{(20)}m_{020}^{(22)}m_{210}^{(21)}\\
&+m_{100}^{(20)}m_{020}^{(22)}m_{120}^{(20)} - m_{100}^{(20)}m_{011}^{(00)}m_{030}^{(22)} + m_{100}^{(20)}m_{011}^{(00)}m_{012}^{(11)} + 2m_{100}^{(20)}m_{011}^{(10)}m_{120}^{(22)}\\
&-m_{100}^{(20)}m_{011}^{(10)}m_{021}^{(20)} - m_{100}^{(20)}m_{011}^{(10)}m_{012}^{(10)} - m_{100}^{(20)}m_{011}^{(11)}m_{210}^{(22)} + m_{100}^{(20)}m_{011}^{(11)}m_{111}^{(20)}\\
&-2m_{100}^{(20)}m_{011}^{(20)}m_{111}^{(11)} + m_{100}^{(20)}m_{011}^{(20)}m_{030}^{(20)} + m_{100}^{(20)}m_{011}^{(20)}m_{021}^{(10)} - m_{100}^{(20)}m_{011}^{(21)}m_{120}^{(20)}\\
&+m_{100}^{(20)}m_{011}^{(21)}m_{111}^{(10)} + m_{100}^{(20)}m_{011}^{(22)}m_{210}^{(11)} - m_{100}^{(20)}m_{011}^{(22)}m_{120}^{(10)} + m_{100}^{(20)}m_{002}^{(00)}m_{030}^{(21)}\\
&-m_{100}^{(20)}m_{002}^{(00)}m_{021}^{(11)} - 2m_{100}^{(20)}m_{002}^{(10)}m_{120}^{(21)} + m_{100}^{(20)}m_{002}^{(10)}m_{111}^{(11)} + m_{100}^{(20)}m_{002}^{(10)}m_{021}^{(10)}\\
&+m_{100}^{(20)}m_{002}^{(11)}m_{210}^{(21)} - m_{100}^{(20)}m_{002}^{(11)}m_{111}^{(10)} + m_{100}^{(20)}m_{002}^{(20)}m_{120}^{(11)} - m_{100}^{(20)}m_{002}^{(20)}m_{030}^{(10)}\\
&-m_{100}^{(20)}m_{002}^{(21)}m_{210}^{(11)} + m_{100}^{(20)}m_{002}^{(21)}m_{120}^{(10)} + m_{100}^{(21)}m_{200}^{(10)}m_{021}^{(22)} - m_{100}^{(21)}m_{200}^{(10)}m_{003}^{(11)}\\
&-m_{100}^{(21)}m_{200}^{(11)}m_{111}^{(22)} - m_{100}^{(21)}m_{200}^{(11)}m_{102}^{(21)} + m_{100}^{(21)}m_{200}^{(11)}m_{012}^{(20)} + m_{100}^{(21)}m_{200}^{(11)}m_{003}^{(10)}\\
&-m_{100}^{(21)}m_{200}^{(20)}m_{030}^{(22)} + m_{100}^{(21)}m_{200}^{(20)}m_{012}^{(11)} + m_{100}^{(21)}m_{200}^{(21)}m_{120}^{(22)} + 2m_{100}^{(21)}m_{200}^{(21)}m_{111}^{(21)}\\
&+m_{100}^{(21)}m_{200}^{(21)}m_{102}^{(11)} - 2m_{100}^{(21)}m_{200}^{(21)}m_{021}^{(20)} - 2m_{100}^{(21)}m_{200}^{(21)}m_{012}^{(10)} - m_{100}^{(21)}m_{200}^{(22)}m_{120}^{(21)}\\
&-m_{100}^{(21)}m_{200}^{(22)}m_{111}^{(11)} + m_{100}^{(21)}m_{200}^{(22)}m_{030}^{(20)} + m_{100}^{(21)}m_{200}^{(22)}m_{021}^{(10)} - m_{100}^{(21)}m_{110}^{(00)}m_{021}^{(22)}\\
&+m_{100}^{(21)}m_{110}^{(00)}m_{003}^{(11)} + m_{100}^{(21)}m_{110}^{(10)}m_{111}^{(22)} + m_{100}^{(21)}m_{110}^{(10)}m_{102}^{(21)} - 2m_{100}^{(21)}m_{110}^{(10)}m_{012}^{(20)}\\
&+m_{100}^{(21)}m_{110}^{(11)}m_{102}^{(20)} - m_{100}^{(21)}m_{110}^{(11)}m_{003}^{(00)} + m_{100}^{(21)}m_{110}^{(20)}m_{120}^{(22)} - m_{100}^{(21)}m_{110}^{(20)}m_{111}^{(21)}\\
&-2m_{100}^{(21)}m_{110}^{(20)}m_{102}^{(11)} + 2m_{100}^{(21)}m_{110}^{(20)}m_{021}^{(20)} - m_{100}^{(21)}m_{110}^{(21)}m_{210}^{(22)} - m_{100}^{(21)}m_{110}^{(21)}m_{201}^{(21)}\\
&+2m_{100}^{(21)}m_{110}^{(21)}m_{012}^{(00)} + m_{100}^{(21)}m_{110}^{(22)}m_{210}^{(21)} + m_{100}^{(21)}m_{110}^{(22)}m_{201}^{(11)} - m_{100}^{(21)}m_{110}^{(22)}m_{120}^{(20)}\\
&-m_{100}^{(21)}m_{110}^{(22)}m_{021}^{(00)} + m_{100}^{(21)}m_{101}^{(00)}m_{030}^{(22)} - m_{100}^{(21)}m_{101}^{(00)}m_{012}^{(11)} - 2m_{100}^{(21)}m_{101}^{(10)}m_{120}^{(22)}
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\begin{aligned}
&-m_{100}^{(21)}m_{101}^{(10)}m_{111}^{(21)}+m_{100}^{(21)}m_{101}^{(10)}m_{102}^{(11)}+2m_{100}^{(21)}m_{101}^{(10)}m_{012}^{(10)}+m_{100}^{(21)}m_{101}^{(11)}m_{210}^{(22)}\\
&+m_{100}^{(21)}m_{101}^{(11)}m_{201}^{(21)}-m_{100}^{(21)}m_{101}^{(11)}m_{102}^{(10)}-m_{100}^{(21)}m_{101}^{(11)}m_{012}^{(00)}+m_{100}^{(21)}m_{101}^{(20)}m_{120}^{(21)}\\
&+m_{100}^{(21)}m_{101}^{(20)}m_{111}^{(11)}-2m_{100}^{(21)}m_{101}^{(20)}m_{021}^{(10)}-m_{100}^{(21)}m_{101}^{(21)}m_{210}^{(21)}-m_{100}^{(21)}m_{101}^{(21)}m_{201}^{(11)}\\
&+2m_{100}^{(21)}m_{101}^{(21)}m_{021}^{(00)}+m_{100}^{(21)}m_{101}^{(22)}m_{120}^{(10)}-m_{100}^{(21)}m_{101}^{(22)}m_{030}^{(00)}+m_{100}^{(21)}m_{020}^{(00)}m_{012}^{(20)}\\
&-m_{100}^{(21)}m_{020}^{(00)}m_{003}^{(10)}-m_{100}^{(21)}m_{020}^{(10)}m_{102}^{(20)}+m_{100}^{(21)}m_{020}^{(10)}m_{003}^{(00)}-m_{100}^{(21)}m_{020}^{(20)}m_{111}^{(20)}\\
&+2m_{100}^{(21)}m_{020}^{(20)}m_{102}^{(10)}-m_{100}^{(21)}m_{020}^{(20)}m_{012}^{(00)}+m_{100}^{(21)}m_{020}^{(21)}m_{201}^{(20)}-m_{100}^{(21)}m_{020}^{(21)}m_{102}^{(00)}\\
&-m_{100}^{(21)}m_{020}^{(22)}m_{201}^{(10)}+m_{100}^{(21)}m_{020}^{(22)}m_{111}^{(00)}+m_{100}^{(21)}m_{011}^{(10)}m_{111}^{(20)}-m_{100}^{(21)}m_{011}^{(10)}m_{102}^{(10)}\\
&-m_{100}^{(21)}m_{011}^{(11)}m_{201}^{(20)}+m_{100}^{(21)}m_{011}^{(11)}m_{102}^{(00)}-m_{100}^{(21)}m_{011}^{(20)}m_{120}^{(20)}+m_{100}^{(21)}m_{011}^{(20)}m_{111}^{(10)}\\
&+m_{100}^{(21)}m_{011}^{(21)}m_{210}^{(20)}+m_{100}^{(21)}m_{011}^{(21)}m_{201}^{(10)}-2m_{100}^{(21)}m_{011}^{(21)}m_{111}^{(00)}-m_{100}^{(21)}m_{011}^{(22)}m_{210}^{(10)}\\
&+m_{100}^{(21)}m_{011}^{(22)}m_{120}^{(00)}-m_{100}^{(21)}m_{002}^{(00)}m_{030}^{(20)}+m_{100}^{(21)}m_{002}^{(00)}m_{021}^{(10)}+2m_{100}^{(21)}m_{002}^{(10)}m_{120}^{(20)}\\
&-m_{100}^{(21)}m_{002}^{(10)}m_{111}^{(10)}-m_{100}^{(21)}m_{002}^{(10)}m_{021}^{(00)}-m_{100}^{(21)}m_{002}^{(11)}m_{210}^{(20)}+m_{100}^{(21)}m_{002}^{(11)}m_{111}^{(00)}\\
&-m_{100}^{(21)}m_{002}^{(20)}m_{120}^{(10)}+m_{100}^{(21)}m_{002}^{(20)}m_{030}^{(00)}+m_{100}^{(21)}m_{002}^{(21)}m_{210}^{(10)}-m_{100}^{(21)}m_{002}^{(21)}m_{120}^{(00)}\\
&-m_{100}^{(22)}m_{200}^{(10)}m_{021}^{(21)}+m_{100}^{(22)}m_{200}^{(10)}m_{012}^{(11)}+m_{100}^{(22)}m_{200}^{(11)}m_{111}^{(21)}-m_{100}^{(22)}m_{200}^{(11)}m_{012}^{(10)}\\
&+m_{100}^{(22)}m_{200}^{(20)}m_{030}^{(21)}-m_{100}^{(22)}m_{200}^{(20)}m_{021}^{(11)}-m_{100}^{(22)}m_{200}^{(21)}m_{120}^{(21)}-m_{100}^{(22)}m_{200}^{(21)}m_{111}^{(11)}\\
&+2m_{100}^{(22)}m_{200}^{(21)}m_{021}^{(10)}+m_{100}^{(22)}m_{200}^{(22)}m_{120}^{(11)}-m_{100}^{(22)}m_{200}^{(22)}m_{030}^{(10)}+m_{100}^{(22)}m_{110}^{(00)}m_{021}^{(21)}\\
&-m_{100}^{(22)}m_{110}^{(00)}m_{012}^{(11)}-m_{100}^{(22)}m_{110}^{(10)}m_{111}^{(21)}+m_{100}^{(22)}m_{110}^{(10)}m_{021}^{(20)}-m_{100}^{(22)}m_{110}^{(11)}m_{111}^{(20)}\\
&+m_{100}^{(22)}m_{110}^{(11)}m_{012}^{(00)}-m_{100}^{(22)}m_{110}^{(20)}m_{120}^{(21)}+2m_{100}^{(22)}m_{110}^{(20)}m_{111}^{(11)}-m_{100}^{(22)}m_{110}^{(20)}m_{030}^{(20)}\\
&+m_{100}^{(22)}m_{110}^{(21)}m_{210}^{(21)}+m_{100}^{(22)}m_{110}^{(21)}m_{120}^{(20)}-2m_{100}^{(22)}m_{110}^{(21)}m_{021}^{(00)}-m_{100}^{(22)}m_{110}^{(22)}m_{210}^{(11)}\\
&+m_{100}^{(22)}m_{110}^{(22)}m_{030}^{(00)}-m_{100}^{(22)}m_{101}^{(00)}m_{030}^{(21)}+m_{100}^{(22)}m_{101}^{(00)}m_{021}^{(11)}+2m_{100}^{(22)}m_{101}^{(10)}m_{120}^{(21)}\\
&-m_{100}^{(22)}m_{101}^{(10)}m_{111}^{(11)}-m_{100}^{(22)}m_{101}^{(10)}m_{021}^{(10)}-m_{100}^{(22)}m_{101}^{(11)}m_{210}^{(21)}+m_{100}^{(22)}m_{101}^{(11)}m_{111}^{(10)}\\
&-m_{100}^{(22)}m_{101}^{(20)}m_{120}^{(11)}+m_{100}^{(22)}m_{101}^{(20)}m_{030}^{(10)}+m_{100}^{(22)}m_{101}^{(21)}m_{210}^{(11)}-m_{100}^{(22)}m_{101}^{(21)}m_{120}^{(10)}\\
&-m_{100}^{(22)}m_{020}^{(00)}m_{021}^{(20)}+m_{100}^{(22)}m_{020}^{(00)}m_{012}^{(10)}+m_{100}^{(22)}m_{020}^{(10)}m_{111}^{(20)}-m_{100}^{(22)}m_{020}^{(10)}m_{012}^{(00)}\\
&+m_{100}^{(22)}m_{020}^{(20)}m_{120}^{(20)}-2m_{100}^{(22)}m_{020}^{(20)}m_{111}^{(10)}+m_{100}^{(22)}m_{020}^{(20)}m_{021}^{(00)}-m_{100}^{(22)}m_{020}^{(21)}m_{210}^{(20)}\\
&+m_{100}^{(22)}m_{020}^{(21)}m_{111}^{(00)}+m_{100}^{(22)}m_{020}^{(22)}m_{210}^{(10)}-m_{100}^{(22)}m_{020}^{(22)}m_{120}^{(00)}+m_{100}^{(22)}m_{011}^{(00)}m_{030}^{(20)}\\
&-m_{100}^{(22)}m_{011}^{(00)}m_{021}^{(10)}-2m_{100}^{(22)}m_{011}^{(10)}m_{120}^{(20)}+m_{100}^{(22)}m_{011}^{(10)}m_{111}^{(10)}+m_{100}^{(22)}m_{011}^{(10)}m_{021}^{(00)}\\
&+m_{100}^{(22)}m_{011}^{(11)}m_{210}^{(20)}-m_{100}^{(22)}m_{011}^{(11)}m_{111}^{(00)}+m_{100}^{(22)}m_{011}^{(20)}m_{120}^{(10)}-m_{100}^{(22)}m_{011}^{(20)}m_{030}^{(00)}\\
&-m_{100}^{(22)}m_{011}^{(21)}m_{210}^{(10)}+m_{100}^{(22)}m_{011}^{(21)}m_{120}^{(00)}-m_{010}^{(00)}m_{110}^{(10)}m_{012}^{(22)}+m_{010}^{(00)}m_{110}^{(10)}m_{003}^{(21)}\\
&+m_{010}^{(00)}m_{110}^{(11)}m_{102}^{(22)}-m_{010}^{(00)}m_{110}^{(11)}m_{003}^{(20)}+m_{010}^{(00)}m_{110}^{(20)}m_{021}^{(22)}-m_{010}^{(00)}m_{110}^{(20)}m_{012}^{(21)}\\
&-m_{010}^{(00)}m_{110}^{(21)}m_{111}^{(22)}-m_{010}^{(00)}m_{110}^{(21)}m_{102}^{(21)}+2m_{010}^{(00)}m_{110}^{(21)}m_{012}^{(20)}+m_{010}^{(00)}m_{110}^{(22)}m_{111}^{(21)}\\
&-m_{010}^{(00)}m_{110}^{(22)}m_{021}^{(20)}+m_{010}^{(00)}m_{101}^{(10)}m_{012}^{(21)}-m_{010}^{(00)}m_{101}^{(10)}m_{003}^{(11)}-m_{010}^{(00)}m_{101}^{(11)}m_{102}^{(21)}\\
&+m_{010}^{(00)}m_{101}^{(11)}m_{003}^{(10)}-m_{010}^{(00)}m_{101}^{(20)}m_{021}^{(21)}+m_{010}^{(00)}m_{101}^{(20)}m_{012}^{(11)}+m_{010}^{(00)}m_{101}^{(21)}m_{111}^{(21)}\\
&+m_{010}^{(00)}m_{101}^{(21)}m_{102}^{(11)}-2m_{010}^{(00)}m_{101}^{(21)}m_{012}^{(10)}-m_{010}^{(00)}m_{101}^{(22)}m_{111}^{(11)}+m_{010}^{(00)}m_{101}^{(22)}m_{021}^{(10)}\\
&+m_{010}^{(00)}m_{020}^{(00)}m_{012}^{(22)}-m_{010}^{(00)}m_{020}^{(00)}m_{003}^{(21)}-m_{010}^{(00)}m_{020}^{(10)}m_{102}^{(22)}+m_{010}^{(00)}m_{020}^{(10)}m_{003}^{(20)}\\
&-m_{010}^{(00)}m_{020}^{(20)}m_{111}^{(22)}+2m_{010}^{(00)}m_{020}^{(20)}m_{102}^{(21)}-m_{010}^{(00)}m_{020}^{(20)}m_{012}^{(20)}+m_{010}^{(00)}m_{020}^{(21)}m_{201}^{(22)}\\
&-m_{010}^{(00)}m_{020}^{(21)}m_{102}^{(20)}-m_{010}^{(00)}m_{020}^{(22)}m_{201}^{(21)}+m_{010}^{(00)}m_{020}^{(22)}m_{111}^{(20)}-m_{010}^{(00)}m_{011}^{(00)}m_{021}^{(22)}\\
&+m_{010}^{(00)}m_{011}^{(00)}m_{003}^{(11)}+2m_{010}^{(00)}m_{011}^{(10)}m_{111}^{(22)}-m_{010}^{(00)}m_{011}^{(10)}m_{012}^{(20)}-m_{010}^{(00)}m_{011}^{(10)}m_{003}^{(10)}\\
&-m_{010}^{(00)}m_{011}^{(11)}m_{201}^{(22)}+m_{010}^{(00)}m_{011}^{(11)}m_{102}^{(20)}-2m_{010}^{(00)}m_{011}^{(20)}m_{102}^{(11)}+m_{010}^{(00)}m_{011}^{(20)}m_{021}^{(20)}\\
&+m_{010}^{(00)}m_{011}^{(20)}m_{012}^{(10)}-m_{010}^{(00)}m_{011}^{(21)}m_{111}^{(20)}+m_{010}^{(00)}m_{011}^{(21)}m_{102}^{(10)}+m_{010}^{(00)}m_{011}^{(22)}m_{201}^{(11)}
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&-m_{010}^{(00)}m_{011}^{(22)}m_{111}^{(10)}+m_{010}^{(00)}m_{002}^{(00)}m_{021}^{(21)}-m_{010}^{(00)}m_{002}^{(00)}m_{012}^{(11)}-2m_{010}^{(00)}m_{002}^{(10)}m_{111}^{(21)}\\
&+m_{010}^{(00)}m_{002}^{(10)}m_{102}^{(11)}+m_{010}^{(00)}m_{002}^{(10)}m_{012}^{(10)}+m_{010}^{(00)}m_{002}^{(11)}m_{201}^{(21)}-m_{010}^{(00)}m_{002}^{(11)}m_{102}^{(10)}\\
&+m_{010}^{(00)}m_{002}^{(20)}m_{111}^{(11)}-m_{010}^{(00)}m_{002}^{(20)}m_{021}^{(10)}-m_{010}^{(00)}m_{002}^{(21)}m_{201}^{(11)}+m_{010}^{(00)}m_{002}^{(21)}m_{111}^{(10)}\\
&+m_{010}^{(10)}m_{200}^{(10)}m_{012}^{(22)}-m_{010}^{(10)}m_{200}^{(10)}m_{003}^{(21)}-m_{010}^{(10)}m_{200}^{(11)}m_{102}^{(22)}+m_{010}^{(10)}m_{200}^{(11)}m_{003}^{(20)}\\
&-m_{010}^{(10)}m_{200}^{(20)}m_{021}^{(22)}+m_{010}^{(10)}m_{200}^{(20)}m_{012}^{(21)}+m_{010}^{(10)}m_{200}^{(21)}m_{111}^{(22)}+m_{010}^{(10)}m_{200}^{(21)}m_{102}^{(21)}\\
&-2m_{010}^{(10)}m_{200}^{(21)}m_{012}^{(20)}-m_{010}^{(10)}m_{200}^{(22)}m_{111}^{(21)}+m_{010}^{(10)}m_{200}^{(22)}m_{021}^{(20)}-m_{010}^{(10)}m_{110}^{(00)}m_{012}^{(22)}\\
&+m_{010}^{(10)}m_{110}^{(00)}m_{003}^{(21)}+m_{010}^{(10)}m_{110}^{(10)}m_{102}^{(22)}-m_{010}^{(10)}m_{110}^{(10)}m_{003}^{(20)}+m_{010}^{(10)}m_{110}^{(20)}m_{111}^{(22)}\\
&-2m_{010}^{(10)}m_{110}^{(20)}m_{102}^{(21)}+m_{010}^{(10)}m_{110}^{(20)}m_{012}^{(20)}-m_{010}^{(10)}m_{110}^{(21)}m_{201}^{(22)}+m_{010}^{(10)}m_{110}^{(21)}m_{102}^{(20)}\\
&+m_{010}^{(10)}m_{110}^{(22)}m_{201}^{(21)}-m_{010}^{(10)}m_{110}^{(22)}m_{111}^{(20)}+m_{010}^{(10)}m_{101}^{(00)}m_{021}^{(22)}-m_{010}^{(10)}m_{101}^{(00)}m_{012}^{(21)}\\
&-2m_{010}^{(10)}m_{101}^{(10)}m_{111}^{(22)}+m_{010}^{(10)}m_{101}^{(10)}m_{102}^{(21)}+m_{010}^{(10)}m_{101}^{(10)}m_{003}^{(10)}+m_{010}^{(10)}m_{101}^{(11)}m_{201}^{(22)}\\
&-m_{010}^{(10)}m_{101}^{(11)}m_{003}^{(00)}+m_{010}^{(10)}m_{101}^{(20)}m_{111}^{(21)}-m_{010}^{(10)}m_{101}^{(20)}m_{012}^{(10)}-m_{010}^{(10)}m_{101}^{(21)}m_{201}^{(21)}\\
&-m_{010}^{(10)}m_{101}^{(21)}m_{102}^{(10)}+2m_{010}^{(10)}m_{101}^{(21)}m_{012}^{(00)}+m_{010}^{(10)}m_{101}^{(22)}m_{111}^{(10)}-m_{010}^{(10)}m_{101}^{(22)}m_{021}^{(00)}\\
&+m_{010}^{(10)}m_{011}^{(00)}m_{012}^{(20)}-m_{010}^{(10)}m_{011}^{(00)}m_{003}^{(10)}-m_{010}^{(10)}m_{011}^{(10)}m_{102}^{(20)}+m_{010}^{(10)}m_{011}^{(10)}m_{003}^{(00)}\\
&-m_{010}^{(10)}m_{011}^{(20)}m_{111}^{(20)}+2m_{010}^{(10)}m_{011}^{(20)}m_{102}^{(10)}-m_{010}^{(10)}m_{011}^{(20)}m_{012}^{(00)}+m_{010}^{(10)}m_{011}^{(21)}m_{201}^{(20)}\\
&-m_{010}^{(10)}m_{011}^{(21)}m_{102}^{(00)}-m_{010}^{(10)}m_{011}^{(22)}m_{201}^{(10)}+m_{010}^{(10)}m_{011}^{(22)}m_{111}^{(00)}-m_{010}^{(10)}m_{002}^{(00)}m_{021}^{(20)}\\
&+m_{010}^{(10)}m_{002}^{(00)}m_{012}^{(10)}+2m_{010}^{(10)}m_{002}^{(10)}m_{111}^{(20)}-m_{010}^{(10)}m_{002}^{(10)}m_{102}^{(10)}-m_{010}^{(10)}m_{002}^{(10)}m_{012}^{(00)}\\
&-m_{010}^{(10)}m_{002}^{(11)}m_{201}^{(20)}+m_{010}^{(10)}m_{002}^{(11)}m_{102}^{(00)}-m_{010}^{(10)}m_{002}^{(20)}m_{111}^{(10)}+m_{010}^{(10)}m_{002}^{(20)}m_{021}^{(00)}\\
&+m_{010}^{(10)}m_{002}^{(21)}m_{201}^{(10)}-m_{010}^{(10)}m_{002}^{(21)}m_{111}^{(00)}-m_{010}^{(20)}m_{200}^{(10)}m_{012}^{(21)}+m_{010}^{(20)}m_{200}^{(10)}m_{003}^{(11)}\\
&+m_{010}^{(20)}m_{200}^{(11)}m_{102}^{(21)}-m_{010}^{(20)}m_{200}^{(11)}m_{003}^{(10)}+m_{010}^{(20)}m_{200}^{(20)}m_{021}^{(21)}-m_{010}^{(20)}m_{200}^{(20)}m_{012}^{(11)}\\
&-m_{010}^{(20)}m_{200}^{(21)}m_{111}^{(21)}-m_{010}^{(20)}m_{200}^{(21)}m_{102}^{(11)}+2m_{010}^{(20)}m_{200}^{(21)}m_{012}^{(10)}+m_{010}^{(20)}m_{200}^{(22)}m_{111}^{(11)}\\
&-m_{010}^{(20)}m_{200}^{(22)}m_{021}^{(10)}+m_{010}^{(20)}m_{110}^{(00)}m_{012}^{(21)}-m_{010}^{(20)}m_{110}^{(00)}m_{003}^{(11)}+m_{010}^{(20)}m_{110}^{(10)}m_{111}^{(22)}\\
&-2m_{010}^{(20)}m_{110}^{(10)}m_{102}^{(21)}+m_{010}^{(20)}m_{110}^{(10)}m_{012}^{(20)}-m_{010}^{(20)}m_{110}^{(11)}m_{201}^{(22)}+m_{010}^{(20)}m_{110}^{(11)}m_{003}^{(00)}\\
&-m_{010}^{(20)}m_{110}^{(20)}m_{120}^{(22)}+2m_{010}^{(20)}m_{110}^{(20)}m_{102}^{(11)}-m_{010}^{(20)}m_{110}^{(20)}m_{021}^{(20)}+m_{010}^{(20)}m_{110}^{(21)}m_{210}^{(22)}\\
&+2m_{010}^{(20)}m_{110}^{(21)}m_{201}^{(21)}-m_{010}^{(20)}m_{110}^{(21)}m_{111}^{(20)}-2m_{010}^{(20)}m_{110}^{(21)}m_{012}^{(00)}-m_{010}^{(20)}m_{110}^{(22)}m_{210}^{(21)}\\
&-m_{010}^{(20)}m_{110}^{(22)}m_{201}^{(11)}+m_{010}^{(20)}m_{110}^{(22)}m_{120}^{(20)}+m_{010}^{(20)}m_{110}^{(22)}m_{021}^{(00)}-m_{010}^{(20)}m_{101}^{(00)}m_{021}^{(21)}\\
&+m_{010}^{(20)}m_{101}^{(00)}m_{012}^{(11)}+m_{010}^{(20)}m_{101}^{(10)}m_{111}^{(21)}-m_{010}^{(20)}m_{101}^{(10)}m_{012}^{(10)}+m_{010}^{(20)}m_{101}^{(20)}m_{120}^{(21)}\\
&-2m_{010}^{(20)}m_{101}^{(20)}m_{111}^{(11)}+m_{010}^{(20)}m_{101}^{(20)}m_{021}^{(10)}-m_{010}^{(20)}m_{101}^{(21)}m_{210}^{(21)}+m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(10)}\\
&+m_{010}^{(20)}m_{101}^{(22)}m_{210}^{(11)}-m_{010}^{(20)}m_{101}^{(22)}m_{120}^{(10)}-m_{010}^{(20)}m_{020}^{(00)}m_{111}^{(22)}+m_{010}^{(20)}m_{020}^{(00)}m_{102}^{(21)}\\
&-m_{010}^{(20)}m_{020}^{(00)}m_{012}^{(20)}+m_{010}^{(20)}m_{020}^{(00)}m_{003}^{(10)}+m_{010}^{(20)}m_{020}^{(10)}m_{201}^{(22)}-m_{010}^{(20)}m_{020}^{(10)}m_{003}^{(00)}\\
&+m_{010}^{(20)}m_{020}^{(20)}m_{210}^{(22)}-2m_{010}^{(20)}m_{020}^{(20)}m_{201}^{(21)}+2m_{010}^{(20)}m_{020}^{(20)}m_{111}^{(20)}-2m_{010}^{(20)}m_{020}^{(20)}m_{102}^{(10)}\\
&+m_{010}^{(20)}m_{020}^{(20)}m_{012}^{(00)}-m_{010}^{(20)}m_{020}^{(21)}m_{300}^{(22)}+m_{010}^{(20)}m_{020}^{(21)}m_{102}^{(00)}+m_{010}^{(20)}m_{020}^{(22)}m_{300}^{(21)}\\
&-m_{010}^{(20)}m_{020}^{(22)}m_{210}^{(20)}+m_{010}^{(20)}m_{020}^{(22)}m_{201}^{(10)}-m_{010}^{(20)}m_{020}^{(22)}m_{111}^{(00)}+m_{010}^{(20)}m_{011}^{(00)}m_{120}^{(22)}\\
&-m_{010}^{(20)}m_{011}^{(00)}m_{102}^{(11)}+m_{010}^{(20)}m_{011}^{(00)}m_{021}^{(20)}-m_{010}^{(20)}m_{011}^{(00)}m_{012}^{(10)}-2m_{010}^{(20)}m_{011}^{(10)}m_{210}^{(22)}\\
&-m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(20)}+2m_{010}^{(20)}m_{011}^{(10)}m_{102}^{(10)}+m_{010}^{(20)}m_{011}^{(10)}m_{012}^{(00)}+m_{010}^{(20)}m_{011}^{(11)}m_{300}^{(22)}\\
&-m_{010}^{(20)}m_{011}^{(11)}m_{102}^{(00)}+2m_{010}^{(20)}m_{011}^{(20)}m_{201}^{(11)}-m_{010}^{(20)}m_{011}^{(20)}m_{120}^{(20)}-m_{010}^{(20)}m_{011}^{(20)}m_{021}^{(00)}\\
&+m_{010}^{(20)}m_{011}^{(21)}m_{210}^{(20)}-2m_{010}^{(20)}m_{011}^{(21)}m_{201}^{(10)}+m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(00)}-m_{010}^{(20)}m_{011}^{(22)}m_{300}^{(11)}\\
&+m_{010}^{(20)}m_{011}^{(22)}m_{210}^{(10)}-m_{010}^{(20)}m_{002}^{(00)}m_{120}^{(21)}+m_{010}^{(20)}m_{002}^{(00)}m_{111}^{(11)}+2m_{010}^{(20)}m_{002}^{(10)}m_{210}^{(21)}\\
&-m_{010}^{(20)}m_{002}^{(10)}m_{002}^{(11)}-m_{010}^{(20)}m_{002}^{(10)}m_{111}^{(10)}-m_{010}^{(20)}m_{002}^{(11)}m_{300}^{(21)}+m_{010}^{(20)}m_{002}^{(11)}m_{201}^{(10)}
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\begin{aligned}
&-m_{010}^{(20)}m_{002}^{(20)}m_{210}^{(11)}+m_{010}^{(20)}m_{002}^{(20)}m_{120}^{(10)}+m_{010}^{(20)}m_{002}^{(21)}m_{300}^{(11)}-m_{010}^{(20)}m_{002}^{(21)}m_{210}^{(10)}\\
&-m_{010}^{(21)}m_{200}^{(10)}m_{111}^{(22)}+m_{010}^{(21)}m_{200}^{(10)}m_{102}^{(21)}+m_{010}^{(21)}m_{200}^{(11)}m_{201}^{(22)}-m_{010}^{(21)}m_{200}^{(11)}m_{102}^{(20)}\\
&+m_{010}^{(21)}m_{200}^{(20)}m_{120}^{(22)}-m_{010}^{(21)}m_{200}^{(20)}m_{111}^{(21)}-m_{010}^{(21)}m_{200}^{(21)}m_{210}^{(22)}-m_{010}^{(21)}m_{200}^{(21)}m_{201}^{(21)}\\
&+2m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(20)}+m_{010}^{(21)}m_{200}^{(22)}m_{210}^{(21)}-m_{010}^{(21)}m_{200}^{(22)}m_{120}^{(20)}+m_{010}^{(21)}m_{110}^{(00)}m_{111}^{(22)}\\
&-m_{010}^{(21)}m_{110}^{(00)}m_{102}^{(21)}-m_{010}^{(21)}m_{110}^{(10)}m_{201}^{(22)}+m_{010}^{(21)}m_{110}^{(10)}m_{102}^{(20)}-m_{010}^{(21)}m_{110}^{(20)}m_{210}^{(22)}\\
&+2m_{010}^{(21)}m_{110}^{(20)}m_{201}^{(21)}-m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(20)}+m_{010}^{(21)}m_{110}^{(21)}m_{300}^{(22)}-m_{010}^{(21)}m_{110}^{(21)}m_{201}^{(20)}\\
&-m_{010}^{(21)}m_{110}^{(22)}m_{300}^{(21)}+m_{010}^{(21)}m_{110}^{(22)}m_{210}^{(20)}-m_{010}^{(21)}m_{101}^{(00)}m_{120}^{(22)}+m_{010}^{(21)}m_{101}^{(00)}m_{111}^{(21)}\\
&+2m_{010}^{(21)}m_{101}^{(10)}m_{210}^{(22)}-m_{010}^{(21)}m_{101}^{(10)}m_{201}^{(21)}-m_{010}^{(21)}m_{101}^{(10)}m_{102}^{(10)}-m_{010}^{(21)}m_{101}^{(11)}m_{300}^{(22)}\\
&+m_{010}^{(21)}m_{101}^{(11)}m_{102}^{(00)}-m_{010}^{(21)}m_{101}^{(20)}m_{210}^{(21)}+m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(10)}+m_{010}^{(21)}m_{101}^{(21)}m_{300}^{(21)}\\
&+m_{010}^{(21)}m_{101}^{(21)}m_{201}^{(10)}-2m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(00)}-m_{010}^{(21)}m_{101}^{(22)}m_{210}^{(10)}+m_{010}^{(21)}m_{101}^{(22)}m_{120}^{(00)}\\
&-m_{010}^{(21)}m_{011}^{(00)}m_{111}^{(20)}+m_{010}^{(21)}m_{011}^{(00)}m_{102}^{(10)}+m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(20)}-m_{010}^{(21)}m_{011}^{(10)}m_{102}^{(00)}\\
&+m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(20)}-2m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(10)}+m_{010}^{(21)}m_{011}^{(20)}m_{111}^{(00)}-m_{010}^{(21)}m_{011}^{(21)}m_{300}^{(20)}\\
&+m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(00)}+m_{010}^{(21)}m_{011}^{(22)}m_{300}^{(10)}-m_{010}^{(21)}m_{011}^{(22)}m_{210}^{(00)}+m_{010}^{(21)}m_{002}^{(00)}m_{120}^{(20)}\\
&-m_{010}^{(21)}m_{002}^{(00)}m_{111}^{(10)}-2m_{010}^{(21)}m_{002}^{(10)}m_{210}^{(20)}+m_{010}^{(21)}m_{002}^{(10)}m_{201}^{(10)}+m_{010}^{(21)}m_{002}^{(10)}m_{111}^{(00)}\\
&+m_{010}^{(21)}m_{002}^{(11)}m_{300}^{(20)}-m_{010}^{(21)}m_{002}^{(11)}m_{201}^{(00)}+m_{010}^{(21)}m_{002}^{(20)}m_{210}^{(10)}-m_{010}^{(21)}m_{002}^{(20)}m_{120}^{(00)}\\
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&-m_{010}^{(22)}m_{200}^{(11)}m_{201}^{(21)}+m_{010}^{(22)}m_{200}^{(11)}m_{102}^{(10)}-m_{010}^{(22)}m_{200}^{(20)}m_{120}^{(21)}+m_{010}^{(22)}m_{200}^{(20)}m_{111}^{(11)}\\
&+m_{010}^{(22)}m_{200}^{(21)}m_{210}^{(21)}+m_{010}^{(22)}m_{200}^{(21)}m_{201}^{(11)}-2m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(10)}-m_{010}^{(22)}m_{200}^{(22)}m_{210}^{(11)}\\
&+m_{010}^{(22)}m_{200}^{(22)}m_{120}^{(10)}-m_{010}^{(22)}m_{110}^{(00)}m_{111}^{(21)}+m_{010}^{(22)}m_{110}^{(00)}m_{102}^{(11)}+m_{010}^{(22)}m_{110}^{(10)}m_{201}^{(21)}\\
&-m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(20)}+m_{010}^{(22)}m_{110}^{(11)}m_{201}^{(20)}-m_{010}^{(22)}m_{110}^{(11)}m_{102}^{(00)}+m_{010}^{(22)}m_{110}^{(20)}m_{210}^{(21)}\\
&-2m_{010}^{(22)}m_{110}^{(20)}m_{201}^{(11)}+m_{010}^{(22)}m_{110}^{(20)}m_{120}^{(20)}-m_{010}^{(22)}m_{110}^{(21)}m_{300}^{(21)}-m_{010}^{(22)}m_{110}^{(21)}m_{210}^{(20)}\\
&+2m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(00)}+m_{010}^{(22)}m_{110}^{(22)}m_{300}^{(11)}-m_{010}^{(22)}m_{110}^{(22)}m_{120}^{(00)}+m_{010}^{(22)}m_{101}^{(00)}m_{120}^{(21)}\\
&-m_{010}^{(22)}m_{101}^{(00)}m_{111}^{(11)}-2m_{010}^{(22)}m_{101}^{(10)}m_{210}^{(21)}+m_{010}^{(22)}m_{101}^{(10)}m_{201}^{(11)}+m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(10)}\\
&+m_{010}^{(22)}m_{101}^{(11)}m_{300}^{(21)}-m_{010}^{(22)}m_{101}^{(11)}m_{201}^{(10)}+m_{010}^{(22)}m_{101}^{(20)}m_{210}^{(11)}-m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(10)}\\
&-m_{010}^{(22)}m_{101}^{(21)}m_{300}^{(11)}+m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(10)}+m_{010}^{(22)}m_{020}^{(00)}m_{111}^{(20)}-m_{010}^{(22)}m_{020}^{(00)}m_{102}^{(10)}\\
&-m_{010}^{(22)}m_{020}^{(10)}m_{201}^{(20)}+m_{010}^{(22)}m_{020}^{(10)}m_{102}^{(00)}-m_{010}^{(22)}m_{020}^{(20)}m_{210}^{(20)}+2m_{010}^{(22)}m_{020}^{(20)}m_{201}^{(10)}\\
&-m_{010}^{(22)}m_{020}^{(20)}m_{111}^{(00)}+m_{010}^{(22)}m_{020}^{(21)}m_{300}^{(20)}-m_{010}^{(22)}m_{020}^{(21)}m_{201}^{(00)}-m_{010}^{(22)}m_{020}^{(22)}m_{300}^{(10)}\\
&+m_{010}^{(22)}m_{020}^{(22)}m_{210}^{(00)}-m_{010}^{(22)}m_{011}^{(00)}m_{120}^{(20)}+m_{010}^{(22)}m_{011}^{(00)}m_{111}^{(10)}+2m_{010}^{(22)}m_{011}^{(10)}m_{210}^{(20)}\\
&-m_{010}^{(22)}m_{011}^{(10)}m_{201}^{(10)}-m_{010}^{(22)}m_{011}^{(10)}m_{111}^{(00)}-m_{010}^{(22)}m_{011}^{(11)}m_{300}^{(20)}+m_{010}^{(22)}m_{011}^{(11)}m_{201}^{(00)}\\
&-m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(10)}+m_{010}^{(22)}m_{011}^{(20)}m_{120}^{(00)}+m_{010}^{(22)}m_{011}^{(21)}m_{300}^{(10)}-m_{010}^{(22)}m_{011}^{(21)}m_{210}^{(00)}\\
&+m_{001}^{(00)}m_{110}^{(10)}m_{021}^{(22)}-m_{001}^{(00)}m_{110}^{(10)}m_{012}^{(21)}-m_{001}^{(00)}m_{110}^{(11)}m_{111}^{(22)}+m_{001}^{(00)}m_{110}^{(11)}m_{012}^{(20)}\\
&-m_{001}^{(00)}m_{110}^{(20)}m_{030}^{(22)}+m_{001}^{(00)}m_{110}^{(20)}m_{021}^{(21)}+m_{001}^{(00)}m_{110}^{(21)}m_{120}^{(22)}+m_{001}^{(00)}m_{110}^{(21)}m_{111}^{(21)}\\
&-2m_{001}^{(00)}m_{110}^{(21)}m_{021}^{(20)}-m_{001}^{(00)}m_{110}^{(22)}m_{120}^{(21)}+m_{001}^{(00)}m_{110}^{(22)}m_{030}^{(20)}-m_{001}^{(00)}m_{101}^{(10)}m_{021}^{(21)}\\
&+m_{001}^{(00)}m_{101}^{(10)}m_{012}^{(11)}+m_{001}^{(00)}m_{101}^{(11)}m_{111}^{(21)}-m_{001}^{(00)}m_{101}^{(11)}m_{012}^{(10)}+m_{001}^{(00)}m_{101}^{(20)}m_{030}^{(21)}\\
&-m_{001}^{(00)}m_{101}^{(20)}m_{021}^{(11)}-m_{001}^{(00)}m_{101}^{(21)}m_{120}^{(21)}-m_{001}^{(00)}m_{101}^{(21)}m_{111}^{(11)}+2m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(10)}\\
&+m_{001}^{(00)}m_{101}^{(22)}m_{120}^{(11)}-m_{001}^{(00)}m_{101}^{(22)}m_{030}^{(10)}-m_{001}^{(00)}m_{020}^{(00)}m_{021}^{(22)}+m_{001}^{(00)}m_{020}^{(00)}m_{012}^{(21)}\\
&+m_{001}^{(00)}m_{020}^{(10)}m_{111}^{(22)}-m_{001}^{(00)}m_{020}^{(10)}m_{012}^{(20)}+m_{001}^{(00)}m_{020}^{(10)}m_{120}^{(22)}-2m_{001}^{(00)}m_{020}^{(20)}m_{111}^{(21)}\\
&+m_{001}^{(00)}m_{020}^{(20)}m_{021}^{(20)}-m_{001}^{(00)}m_{020}^{(21)}m_{210}^{(22)}+m_{001}^{(00)}m_{020}^{(21)}m_{111}^{(20)}+m_{001}^{(00)}m_{020}^{(22)}m_{210}^{(21)}
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&-m_{001}^{(00)}m_{020}^{(22)}m_{120}^{(20)}+m_{001}^{(00)}m_{011}^{(00)}m_{030}^{(22)}-m_{001}^{(00)}m_{011}^{(00)}m_{012}^{(11)}-2m_{001}^{(00)}m_{011}^{(10)}m_{120}^{(22)}\\
&+m_{001}^{(00)}m_{011}^{(10)}m_{021}^{(20)}+m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(10)}+m_{001}^{(00)}m_{011}^{(11)}m_{210}^{(22)}-m_{001}^{(00)}m_{011}^{(11)}m_{111}^{(20)}\\
&+2m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(11)}-m_{001}^{(00)}m_{011}^{(20)}m_{030}^{(20)}-m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(10)}+m_{001}^{(00)}m_{011}^{(21)}m_{120}^{(20)}\\
&-m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(10)}-m_{001}^{(00)}m_{011}^{(22)}m_{210}^{(11)}+m_{001}^{(00)}m_{011}^{(22)}m_{120}^{(10)}-m_{001}^{(00)}m_{002}^{(00)}m_{030}^{(21)}\\
&+m_{001}^{(00)}m_{002}^{(00)}m_{021}^{(11)}+2m_{001}^{(00)}m_{002}^{(10)}m_{120}^{(21)}-m_{001}^{(00)}m_{002}^{(10)}m_{111}^{(11)}-m_{001}^{(00)}m_{002}^{(10)}m_{021}^{(10)}\\
&-m_{001}^{(00)}m_{002}^{(11)}m_{210}^{(21)}+m_{001}^{(00)}m_{002}^{(11)}m_{111}^{(10)}-m_{001}^{(00)}m_{002}^{(20)}m_{120}^{(11)}+m_{001}^{(00)}m_{002}^{(20)}m_{030}^{(10)}\\
&+m_{001}^{(00)}m_{002}^{(21)}m_{210}^{(11)}-m_{001}^{(00)}m_{002}^{(21)}m_{120}^{(10)}-m_{001}^{(10)}m_{200}^{(10)}m_{021}^{(22)}+m_{001}^{(10)}m_{200}^{(10)}m_{012}^{(21)}\\
&+m_{001}^{(10)}m_{200}^{(11)}m_{111}^{(22)}-m_{001}^{(10)}m_{200}^{(11)}m_{012}^{(20)}+m_{001}^{(10)}m_{200}^{(20)}m_{030}^{(22)}-m_{001}^{(10)}m_{200}^{(20)}m_{021}^{(21)}\\
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&-m_{001}^{(10)}m_{200}^{(22)}m_{030}^{(20)}+m_{001}^{(10)}m_{110}^{(00)}m_{021}^{(22)}-m_{001}^{(10)}m_{110}^{(00)}m_{012}^{(21)}-2m_{001}^{(10)}m_{110}^{(10)}m_{111}^{(22)}\\
&+m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(21)}+m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(20)}+m_{001}^{(10)}m_{110}^{(11)}m_{201}^{(22)}-m_{001}^{(10)}m_{110}^{(11)}m_{102}^{(20)}\\
&+m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(21)}-m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(20)}-m_{001}^{(10)}m_{110}^{(21)}m_{201}^{(21)}+m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(20)}\\
&-m_{001}^{(10)}m_{101}^{(00)}m_{030}^{(22)}+m_{001}^{(10)}m_{101}^{(00)}m_{021}^{(21)}+2m_{001}^{(10)}m_{101}^{(10)}m_{120}^{(22)}-m_{001}^{(10)}m_{101}^{(10)}m_{102}^{(11)}\\
&-m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(10)}-m_{001}^{(10)}m_{101}^{(11)}m_{210}^{(22)}-m_{001}^{(10)}m_{101}^{(11)}m_{201}^{(21)}+m_{001}^{(10)}m_{101}^{(11)}m_{102}^{(10)}\\
&+m_{001}^{(10)}m_{101}^{(11)}m_{012}^{(00)}-2m_{001}^{(10)}m_{101}^{(20)}m_{120}^{(21)}+m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(11)}+m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(10)}\\
&+2m_{001}^{(10)}m_{101}^{(21)}m_{210}^{(21)}+m_{001}^{(10)}m_{101}^{(21)}m_{201}^{(11)}-m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(10)}-2m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(00)}\\
&-m_{001}^{(10)}m_{101}^{(22)}m_{210}^{(11)}+m_{001}^{(10)}m_{101}^{(22)}m_{030}^{(00)}+m_{001}^{(10)}m_{020}^{(00)}m_{111}^{(22)}-m_{001}^{(10)}m_{020}^{(00)}m_{102}^{(21)}\\
&-m_{001}^{(10)}m_{020}^{(10)}m_{201}^{(22)}+m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(20)}-m_{001}^{(10)}m_{020}^{(20)}m_{210}^{(22)}+2m_{001}^{(10)}m_{020}^{(20)}m_{201}^{(21)}\\
&-m_{001}^{(10)}m_{020}^{(20)}m_{111}^{(20)}+m_{001}^{(10)}m_{020}^{(21)}m_{300}^{(22)}-m_{001}^{(10)}m_{020}^{(21)}m_{201}^{(20)}-m_{001}^{(10)}m_{020}^{(22)}m_{300}^{(21)}\\
&+m_{001}^{(10)}m_{020}^{(22)}m_{210}^{(20)}-m_{001}^{(10)}m_{011}^{(00)}m_{120}^{(22)}+m_{001}^{(10)}m_{011}^{(00)}m_{102}^{(11)}-m_{001}^{(10)}m_{011}^{(00)}m_{021}^{(20)}\\
&+m_{001}^{(10)}m_{011}^{(00)}m_{012}^{(10)}+2m_{001}^{(10)}m_{011}^{(10)}m_{210}^{(22)}-m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(10)}-m_{001}^{(10)}m_{011}^{(10)}m_{012}^{(00)}\\
&-m_{001}^{(10)}m_{011}^{(11)}m_{300}^{(22)}+m_{001}^{(10)}m_{011}^{(11)}m_{201}^{(20)}-2m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(11)}+2m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(20)}\\
&-m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(10)}+m_{001}^{(10)}m_{011}^{(20)}m_{021}^{(00)}-2m_{001}^{(10)}m_{011}^{(21)}m_{210}^{(20)}+m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(10)}\\
&+m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(00)}+m_{001}^{(10)}m_{011}^{(22)}m_{300}^{(11)}-m_{001}^{(10)}m_{011}^{(22)}m_{120}^{(00)}+m_{001}^{(10)}m_{002}^{(00)}m_{120}^{(21)}\\
&-m_{001}^{(10)}m_{002}^{(00)}m_{111}^{(11)}+m_{001}^{(10)}m_{002}^{(00)}m_{030}^{(20)}-m_{001}^{(10)}m_{002}^{(00)}m_{021}^{(10)}-2m_{001}^{(10)}m_{002}^{(10)}m_{210}^{(21)}\\
&+m_{001}^{(10)}m_{002}^{(10)}m_{201}^{(11)}-2m_{001}^{(10)}m_{002}^{(10)}m_{120}^{(20)}+2m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(10)}+m_{001}^{(10)}m_{002}^{(10)}m_{021}^{(00)}\\
&+m_{001}^{(10)}m_{002}^{(11)}m_{300}^{(21)}+m_{001}^{(10)}m_{002}^{(11)}m_{210}^{(20)}-m_{001}^{(10)}m_{002}^{(11)}m_{201}^{(10)}-m_{001}^{(10)}m_{002}^{(11)}m_{111}^{(00)}\\
&+m_{001}^{(10)}m_{002}^{(20)}m_{210}^{(11)}-m_{001}^{(10)}m_{002}^{(20)}m_{030}^{(00)}-m_{001}^{(10)}m_{002}^{(21)}m_{300}^{(11)}+m_{001}^{(10)}m_{002}^{(21)}m_{120}^{(00)}\\
&+m_{001}^{(11)}m_{200}^{(10)}m_{111}^{(22)}-m_{001}^{(11)}m_{200}^{(10)}m_{102}^{(21)}-m_{001}^{(11)}m_{200}^{(11)}m_{201}^{(22)}+m_{001}^{(11)}m_{200}^{(11)}m_{102}^{(20)}\\
&-m_{001}^{(11)}m_{200}^{(20)}m_{120}^{(22)}+m_{001}^{(11)}m_{200}^{(20)}m_{111}^{(21)}+m_{001}^{(11)}m_{200}^{(21)}m_{210}^{(22)}+m_{001}^{(11)}m_{200}^{(21)}m_{201}^{(21)}\\
&-2m_{001}^{(11)}m_{200}^{(21)}m_{111}^{(20)}-m_{001}^{(11)}m_{200}^{(22)}m_{210}^{(21)}+m_{001}^{(11)}m_{200}^{(22)}m_{120}^{(20)}-m_{001}^{(11)}m_{110}^{(00)}m_{111}^{(22)}\\
&+m_{001}^{(11)}m_{110}^{(00)}m_{102}^{(21)}+m_{001}^{(11)}m_{110}^{(10)}m_{201}^{(22)}-m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(20)}+m_{001}^{(11)}m_{110}^{(20)}m_{210}^{(22)}\\
&-2m_{001}^{(11)}m_{110}^{(20)}m_{201}^{(21)}+m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(20)}-m_{001}^{(11)}m_{110}^{(21)}m_{300}^{(22)}+m_{001}^{(11)}m_{110}^{(21)}m_{201}^{(20)}\\
&+m_{001}^{(11)}m_{110}^{(22)}m_{300}^{(21)}-m_{001}^{(11)}m_{110}^{(22)}m_{210}^{(20)}+m_{001}^{(11)}m_{101}^{(00)}m_{120}^{(22)}-m_{001}^{(11)}m_{101}^{(00)}m_{111}^{(21)}\\
&-2m_{001}^{(11)}m_{101}^{(10)}m_{210}^{(22)}+m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(21)}+m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(10)}+m_{001}^{(11)}m_{101}^{(11)}m_{300}^{(22)}\\
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&+m_{001}^{(11)}m_{011}^{(00)}m_{111}^{(20)}-m_{001}^{(11)}m_{011}^{(00)}m_{102}^{(10)}-m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(20)}+m_{001}^{(11)}m_{011}^{(10)}m_{102}^{(00)}
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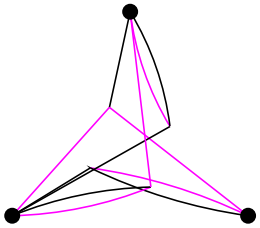
&-m_{001}^{(11)}m_{011}^{(20)}m_{210}^{(20)}+2m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(10)}-m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(00)}+m_{001}^{(11)}m_{011}^{(21)}m_{300}^{(20)}\\
&-m_{001}^{(11)}m_{011}^{(21)}m_{201}^{(00)}-m_{001}^{(11)}m_{011}^{(22)}m_{300}^{(10)}+m_{001}^{(11)}m_{011}^{(22)}m_{210}^{(00)}-m_{001}^{(11)}m_{002}^{(00)}m_{120}^{(20)}\\
&+m_{001}^{(11)}m_{002}^{(00)}m_{111}^{(10)}+2m_{001}^{(11)}m_{002}^{(10)}m_{210}^{(20)}-m_{001}^{(11)}m_{002}^{(10)}m_{201}^{(10)}-m_{001}^{(11)}m_{002}^{(10)}m_{111}^{(00)}\\
&-m_{001}^{(11)}m_{002}^{(11)}m_{300}^{(20)}+m_{001}^{(11)}m_{002}^{(11)}m_{201}^{(00)}-m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(10)}+m_{001}^{(11)}m_{002}^{(20)}m_{120}^{(00)}\\
&+m_{001}^{(11)}m_{002}^{(21)}m_{300}^{(10)}-m_{001}^{(11)}m_{002}^{(21)}m_{210}^{(00)}+m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(21)}-m_{001}^{(20)}m_{200}^{(10)}m_{012}^{(11)}\\
&-m_{001}^{(20)}m_{200}^{(11)}m_{111}^{(21)}+m_{001}^{(20)}m_{200}^{(11)}m_{012}^{(10)}-m_{001}^{(20)}m_{200}^{(20)}m_{030}^{(21)}+m_{001}^{(20)}m_{200}^{(20)}m_{021}^{(11)}\\
&+m_{001}^{(20)}m_{200}^{(21)}m_{120}^{(21)}+m_{001}^{(20)}m_{200}^{(21)}m_{111}^{(11)}-2m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(10)}-m_{001}^{(20)}m_{200}^{(22)}m_{120}^{(11)}\\
&+m_{001}^{(20)}m_{200}^{(22)}m_{030}^{(10)}-m_{001}^{(20)}m_{110}^{(00)}m_{021}^{(21)}+m_{001}^{(20)}m_{110}^{(00)}m_{012}^{(11)}+m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(21)}\\
&-m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(20)}+m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(20)}-m_{001}^{(20)}m_{110}^{(11)}m_{012}^{(00)}+m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(21)}\\
&-2m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(11)}+m_{001}^{(20)}m_{110}^{(20)}m_{030}^{(20)}-m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(21)}-m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(20)}\\
&+2m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(00)}+m_{001}^{(20)}m_{110}^{(22)}m_{210}^{(11)}-m_{001}^{(20)}m_{110}^{(22)}m_{030}^{(00)}+m_{001}^{(20)}m_{101}^{(00)}m_{030}^{(21)}\\
&-m_{001}^{(20)}m_{101}^{(00)}m_{021}^{(11)}-2m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(21)}+m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(11)}+m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(10)}\\
&+m_{001}^{(20)}m_{101}^{(11)}m_{210}^{(21)}-m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(10)}+m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(11)}-m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(10)}\\
&-m_{001}^{(20)}m_{101}^{(21)}m_{210}^{(11)}+m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(10)}+m_{001}^{(20)}m_{020}^{(00)}m_{021}^{(20)}-m_{001}^{(20)}m_{020}^{(00)}m_{012}^{(10)}\\
&-m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(20)}+m_{001}^{(20)}m_{020}^{(10)}m_{012}^{(00)}-m_{001}^{(20)}m_{020}^{(20)}m_{120}^{(20)}+2m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(10)}\\
&-m_{001}^{(20)}m_{020}^{(20)}m_{021}^{(00)}+m_{001}^{(20)}m_{020}^{(21)}m_{210}^{(20)}-m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(00)}-m_{001}^{(20)}m_{020}^{(22)}m_{210}^{(10)}\\
&+m_{001}^{(20)}m_{020}^{(22)}m_{120}^{(00)}-m_{001}^{(20)}m_{011}^{(00)}m_{030}^{(20)}+m_{001}^{(20)}m_{011}^{(00)}m_{021}^{(10)}+2m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(20)}\\
&-m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(10)}-m_{001}^{(20)}m_{011}^{(10)}m_{021}^{(00)}-m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(20)}+m_{001}^{(20)}m_{011}^{(11)}m_{111}^{(00)}\\
&-m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(10)}+m_{001}^{(20)}m_{011}^{(20)}m_{030}^{(00)}+m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(10)}-m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(00)}\\
&-m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(21)}+m_{001}^{(21)}m_{200}^{(10)}m_{102}^{(11)}+m_{001}^{(21)}m_{200}^{(11)}m_{201}^{(21)}-m_{001}^{(21)}m_{200}^{(11)}m_{102}^{(10)}\\
&+m_{001}^{(21)}m_{200}^{(20)}m_{120}^{(21)}-m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(11)}-m_{001}^{(21)}m_{200}^{(21)}m_{210}^{(21)}-m_{001}^{(21)}m_{200}^{(21)}m_{201}^{(11)}\\
&+2m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(10)}+m_{001}^{(21)}m_{200}^{(22)}m_{210}^{(11)}-m_{001}^{(21)}m_{200}^{(22)}m_{120}^{(10)}+m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(21)}\\
&-m_{001}^{(21)}m_{110}^{(00)}m_{102}^{(11)}-m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(21)}+m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(20)}-m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(20)}\\
&+m_{001}^{(21)}m_{110}^{(11)}m_{102}^{(00)}-m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(21)}+2m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(11)}-m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(20)}\\
&+m_{001}^{(21)}m_{110}^{(21)}m_{300}^{(21)}+m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(20)}-2m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(00)}-m_{001}^{(21)}m_{110}^{(22)}m_{300}^{(11)}\\
&+m_{001}^{(21)}m_{110}^{(22)}m_{120}^{(00)}-m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(21)}+m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(11)}+2m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(21)}\\
&-m_{001}^{(21)}m_{101}^{(10)}m_{201}^{(11)}-m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(10)}-m_{001}^{(21)}m_{101}^{(11)}m_{300}^{(21)}+m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(10)}\\
&-m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(11)}+m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(10)}+m_{001}^{(21)}m_{101}^{(21)}m_{300}^{(11)}-m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(10)}\\
&-m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(20)}+m_{001}^{(21)}m_{020}^{(00)}m_{102}^{(10)}+m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(20)}-m_{001}^{(21)}m_{020}^{(10)}m_{102}^{(00)}\\
&+m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(20)}-2m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(10)}+m_{001}^{(21)}m_{020}^{(20)}m_{111}^{(00)}-m_{001}^{(21)}m_{020}^{(21)}m_{300}^{(20)}\\
&+m_{001}^{(21)}m_{020}^{(21)}m_{201}^{(00)}+m_{001}^{(21)}m_{020}^{(22)}m_{300}^{(10)}-m_{001}^{(21)}m_{020}^{(22)}m_{210}^{(00)}+m_{001}^{(21)}m_{011}^{(00)}m_{120}^{(20)}\\
&-m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(10)}-2m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(20)}+m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(10)}+m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(00)}\\
&+m_{001}^{(21)}m_{011}^{(11)}m_{300}^{(20)}-m_{001}^{(21)}m_{011}^{(11)}m_{201}^{(00)}+m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(10)}-m_{001}^{(21)}m_{011}^{(20)}m_{120}^{(00)}\\
&-m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(10)}+m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & 1 & V1 & 1\\
1 & V2 & 2 & V3\\
V2 & 2 & V3 & 3
\end{array}
$$



$$
\begin{aligned}
T_{82} \;=\;& -m_{100}^{(10)} m_{110}^{(20)} m_{021}^{(22)} + 2m_{100}^{(10)} m_{110}^{(20)} m_{012}^{(21)} - m_{100}^{(10)} m_{110}^{(20)} m_{003}^{(11)} + m_{100}^{(10)} m_{110}^{(21)} m_{111}^{(22)} \\
& - m_{100}^{(10)} m_{110}^{(21)} m_{102}^{(21)} - m_{100}^{(10)} m_{110}^{(21)} m_{012}^{(20)} + m_{100}^{(10)} m_{110}^{(21)} m_{003}^{(10)} - m_{100}^{(10)} m_{110}^{(22)} m_{111}^{(21)} \\
& + m_{100}^{(10)} m_{110}^{(22)} m_{102}^{(11)} + m_{100}^{(10)} m_{110}^{(22)} m_{021}^{(20)} - m_{100}^{(10)} m_{110}^{(22)} m_{012}^{(10)} + m_{100}^{(10)} m_{101}^{(20)} m_{030}^{(22)} \\
& - 2m_{100}^{(10)} m_{101}^{(20)} m_{021}^{(21)} + m_{100}^{(10)} m_{101}^{(20)} m_{012}^{(11)} - m_{100}^{(10)} m_{101}^{(21)} m_{120}^{(22)} + m_{100}^{(10)} m_{101}^{(21)} m_{111}^{(21)} \\
& + m_{100}^{(10)} m_{101}^{(21)} m_{021}^{(20)} - m_{100}^{(10)} m_{101}^{(21)} m_{012}^{(10)} + m_{100}^{(10)} m_{101}^{(22)} m_{120}^{(21)} - m_{100}^{(10)} m_{101}^{(22)} m_{111}^{(11)} \\
& - m_{100}^{(10)} m_{101}^{(22)} m_{030}^{(20)} + m_{100}^{(10)} m_{101}^{(22)} m_{021}^{(10)} + m_{100}^{(10)} m_{020}^{(20)} m_{111}^{(22)} - m_{100}^{(10)} m_{020}^{(20)} m_{102}^{(21)} \\
& - m_{100}^{(10)} m_{020}^{(20)} m_{012}^{(20)} + m_{100}^{(10)} m_{020}^{(20)} m_{003}^{(10)} - m_{100}^{(10)} m_{020}^{(21)} m_{201}^{(22)} + 2m_{100}^{(10)} m_{020}^{(21)} m_{102}^{(20)} \\
& - m_{100}^{(10)} m_{020}^{(21)} m_{003}^{(00)} + m_{100}^{(10)} m_{020}^{(22)} m_{201}^{(21)} - m_{100}^{(10)} m_{020}^{(22)} m_{111}^{(20)} - m_{100}^{(10)} m_{020}^{(22)} m_{102}^{(10)} \\
& + m_{100}^{(10)} m_{020}^{(22)} m_{012}^{(00)} - m_{100}^{(10)} m_{011}^{(20)} m_{120}^{(22)} + m_{100}^{(10)} m_{011}^{(20)} m_{102}^{(11)} + 2m_{100}^{(10)} m_{011}^{(20)} m_{021}^{(20)} \\
& - 2m_{100}^{(10)} m_{011}^{(20)} m_{012}^{(10)} + m_{100}^{(10)} m_{011}^{(21)} m_{210}^{(22)} + m_{100}^{(10)} m_{011}^{(21)} m_{201}^{(21)} - 3m_{100}^{(10)} m_{011}^{(21)} m_{111}^{(20)} \\
& - m_{100}^{(10)} m_{011}^{(21)} m_{102}^{(10)} + 2m_{100}^{(10)} m_{011}^{(21)} m_{012}^{(00)} - m_{100}^{(10)} m_{011}^{(22)} m_{210}^{(21)} - m_{100}^{(10)} m_{011}^{(22)} m_{201}^{(11)} \\
& + m_{100}^{(10)} m_{011}^{(22)} m_{120}^{(20)} + 3m_{100}^{(10)} m_{011}^{(22)} m_{111}^{(10)} - 2m_{100}^{(10)} m_{011}^{(22)} m_{021}^{(00)} + m_{100}^{(10)} m_{002}^{(20)} m_{120}^{(21)} \\
& - m_{100}^{(10)} m_{002}^{(20)} m_{111}^{(11)} - m_{100}^{(10)} m_{002}^{(20)} m_{030}^{(20)} + m_{100}^{(10)} m_{002}^{(20)} m_{021}^{(10)} - m_{100}^{(10)} m_{002}^{(21)} m_{210}^{(21)} \\
& + m_{100}^{(10)} m_{002}^{(21)} m_{120}^{(20)} + m_{100}^{(10)} m_{002}^{(21)} m_{111}^{(10)} - m_{100}^{(10)} m_{002}^{(21)} m_{021}^{(00)} + m_{100}^{(10)} m_{002}^{(22)} m_{210}^{(11)} \\
& - 2m_{100}^{(10)} m_{002}^{(22)} m_{120}^{(10)} + m_{100}^{(10)} m_{002}^{(22)} m_{030}^{(00)} + m_{100}^{(11)} m_{200}^{(20)} m_{021}^{(22)} - 2m_{100}^{(11)} m_{200}^{(20)} m_{012}^{(21)} \\
& + m_{100}^{(11)} m_{200}^{(20)} m_{003}^{(11)} - m_{100}^{(11)} m_{200}^{(21)} m_{111}^{(22)} + m_{100}^{(11)} m_{200}^{(21)} m_{102}^{(21)} + m_{100}^{(11)} m_{200}^{(21)} m_{012}^{(20)} \\
& - m_{100}^{(11)} m_{200}^{(21)} m_{003}^{(10)} + m_{100}^{(11)} m_{200}^{(22)} m_{111}^{(21)} - m_{100}^{(11)} m_{200}^{(22)} m_{102}^{(11)} - m_{100}^{(11)} m_{200}^{(22)} m_{021}^{(20)} \\
& + m_{100}^{(11)} m_{200}^{(22)} m_{012}^{(10)} - m_{100}^{(11)} m_{110}^{(20)} m_{111}^{(22)} + m_{100}^{(11)} m_{110}^{(20)} m_{102}^{(21)} + m_{100}^{(11)} m_{110}^{(20)} m_{012}^{(20)} \\
& - m_{100}^{(11)} m_{110}^{(20)} m_{003}^{(10)} + m_{100}^{(11)} m_{110}^{(21)} m_{201}^{(22)} - 2m_{100}^{(11)} m_{110}^{(21)} m_{102}^{(20)} + m_{100}^{(11)} m_{110}^{(21)} m_{003}^{(00)} \\
& - m_{100}^{(11)} m_{110}^{(22)} m_{201}^{(21)} + m_{100}^{(11)} m_{110}^{(22)} m_{111}^{(20)} + m_{100}^{(11)} m_{110}^{(22)} m_{102}^{(10)} - m_{100}^{(11)} m_{110}^{(22)} m_{012}^{(00)} \\
& - m_{100}^{(11)} m_{101}^{(20)} m_{120}^{(22)} + 3m_{100}^{(11)} m_{101}^{(20)} m_{111}^{(21)} - 2m_{100}^{(11)} m_{101}^{(20)} m_{102}^{(11)} - m_{100}^{(11)} m_{101}^{(20)} m_{021}^{(20)} \\
& + m_{100}^{(11)} m_{101}^{(20)} m_{012}^{(10)} + m_{100}^{(11)} m_{101}^{(21)} m_{210}^{(22)} - 2m_{100}^{(11)} m_{101}^{(21)} m_{201}^{(21)} + 2m_{100}^{(11)} m_{101}^{(21)} m_{102}^{(10)} \\
& - m_{100}^{(11)} m_{101}^{(21)} m_{012}^{(00)} - m_{100}^{(11)} m_{101}^{(22)} m_{210}^{(21)} + 2m_{100}^{(11)} m_{101}^{(22)} m_{201}^{(11)} + m_{100}^{(11)} m_{101}^{(22)} m_{120}^{(20)} \\
& - 3m_{100}^{(11)} m_{101}^{(22)} m_{111}^{(10)} + m_{100}^{(11)} m_{101}^{(22)} m_{021}^{(00)} + m_{100}^{(11)} m_{011}^{(20)} m_{210}^{(22)} - m_{100}^{(11)} m_{011}^{(20)} m_{201}^{(21)} \\
& - m_{100}^{(11)} m_{011}^{(20)} m_{111}^{(20)} + m_{100}^{(11)} m_{011}^{(20)} m_{102}^{(10)} - m_{100}^{(11)} m_{011}^{(21)} m_{300}^{(22)} + 2m_{100}^{(11)} m_{011}^{(21)} m_{201}^{(20)} \\
& - m_{100}^{(11)} m_{011}^{(21)} m_{102}^{(00)} + m_{100}^{(11)} m_{011}^{(22)} m_{300}^{(21)} - m_{100}^{(11)} m_{011}^{(22)} m_{210}^{(20)} - m_{100}^{(11)} m_{011}^{(22)} m_{201}^{(10)} \\
& + m_{100}^{(11)} m_{011}^{(22)} m_{111}^{(00)} - m_{100}^{(11)} m_{002}^{(20)} m_{210}^{(21)} + m_{100}^{(11)} m_{002}^{(20)} m_{201}^{(11)} + m_{100}^{(11)} m_{002}^{(20)} m_{120}^{(20)} \\
& - m_{100}^{(11)} m_{002}^{(20)} m_{111}^{(10)} + m_{100}^{(11)} m_{002}^{(21)} m_{300}^{(21)} - m_{100}^{(11)} m_{002}^{(21)} m_{210}^{(20)} - m_{100}^{(11)} m_{002}^{(21)} m_{201}^{(10)}
\end{aligned}
$$

$$
\begin{aligned}
&+m_{100}^{(11)}m_{002}^{(21)}m_{111}^{(00)} - m_{100}^{(11)}m_{002}^{(22)}m_{300}^{(11)} + 2m_{100}^{(11)}m_{002}^{(22)}m_{210}^{(10)} - m_{100}^{(11)}m_{002}^{(22)}m_{120}^{(00)}\\
&+m_{100}^{(20)}m_{110}^{(10)}m_{021}^{(22)} - 2m_{100}^{(20)}m_{110}^{(10)}m_{012}^{(21)} + m_{100}^{(20)}m_{110}^{(10)}m_{003}^{(11)} - m_{100}^{(20)}m_{110}^{(11)}m_{111}^{(22)}\\
&+m_{100}^{(20)}m_{110}^{(11)}m_{102}^{(21)} + m_{100}^{(20)}m_{110}^{(11)}m_{012}^{(20)} - m_{100}^{(20)}m_{110}^{(11)}m_{003}^{(10)} + m_{100}^{(20)}m_{110}^{(21)}m_{111}^{(21)}\\
&-m_{100}^{(20)}m_{110}^{(21)}m_{102}^{(11)} - m_{100}^{(20)}m_{110}^{(21)}m_{021}^{(20)} + m_{100}^{(20)}m_{110}^{(21)}m_{012}^{(10)} - m_{100}^{(20)}m_{101}^{(10)}m_{030}^{(22)}\\
&+2m_{100}^{(20)}m_{101}^{(10)}m_{021}^{(21)} - m_{100}^{(20)}m_{101}^{(10)}m_{012}^{(11)} + m_{100}^{(20)}m_{101}^{(11)}m_{120}^{(22)} - m_{100}^{(20)}m_{101}^{(11)}m_{111}^{(21)}\\
&-m_{100}^{(20)}m_{101}^{(11)}m_{021}^{(20)} + m_{100}^{(20)}m_{101}^{(11)}m_{012}^{(10)} - m_{100}^{(20)}m_{101}^{(21)}m_{120}^{(21)} + m_{100}^{(20)}m_{101}^{(21)}m_{111}^{(11)}\\
&+m_{100}^{(20)}m_{101}^{(21)}m_{030}^{(20)} - m_{100}^{(20)}m_{101}^{(21)}m_{021}^{(10)} - m_{100}^{(20)}m_{020}^{(10)}m_{111}^{(22)} + m_{100}^{(20)}m_{020}^{(10)}m_{102}^{(21)}\\
&+m_{100}^{(20)}m_{020}^{(10)}m_{012}^{(20)} - m_{100}^{(20)}m_{020}^{(10)}m_{003}^{(10)} + m_{100}^{(20)}m_{020}^{(11)}m_{201}^{(22)} - 2m_{100}^{(20)}m_{020}^{(11)}m_{102}^{(20)}\\
&+m_{100}^{(20)}m_{020}^{(11)}m_{003}^{(00)} - m_{100}^{(20)}m_{020}^{(21)}m_{201}^{(21)} + m_{100}^{(20)}m_{020}^{(21)}m_{111}^{(20)} + m_{100}^{(20)}m_{020}^{(21)}m_{102}^{(10)}\\
&-m_{100}^{(20)}m_{020}^{(21)}m_{012}^{(00)} + m_{100}^{(20)}m_{011}^{(10)}m_{120}^{(22)} - m_{100}^{(20)}m_{011}^{(10)}m_{102}^{(11)} - 2m_{100}^{(20)}m_{011}^{(10)}m_{021}^{(20)}\\
&+2m_{100}^{(20)}m_{011}^{(10)}m_{012}^{(10)} - m_{100}^{(20)}m_{011}^{(11)}m_{210}^{(22)} - m_{100}^{(20)}m_{011}^{(11)}m_{201}^{(21)} + 3m_{100}^{(20)}m_{011}^{(11)}m_{111}^{(20)}\\
&+m_{100}^{(20)}m_{011}^{(11)}m_{102}^{(10)} - 2m_{100}^{(20)}m_{011}^{(11)}m_{012}^{(00)} + m_{100}^{(20)}m_{011}^{(21)}m_{210}^{(21)} + m_{100}^{(20)}m_{011}^{(21)}m_{201}^{(11)}\\
&-m_{100}^{(20)}m_{011}^{(21)}m_{120}^{(20)} - 3m_{100}^{(20)}m_{011}^{(21)}m_{111}^{(10)} + 2m_{100}^{(20)}m_{011}^{(21)}m_{021}^{(00)} - m_{100}^{(20)}m_{002}^{(10)}m_{120}^{(21)}\\
&+m_{100}^{(20)}m_{002}^{(10)}m_{111}^{(11)} + m_{100}^{(20)}m_{002}^{(10)}m_{030}^{(20)} - m_{100}^{(20)}m_{002}^{(10)}m_{021}^{(10)} + m_{100}^{(20)}m_{002}^{(11)}m_{210}^{(21)}\\
&-m_{100}^{(20)}m_{002}^{(11)}m_{120}^{(20)} - m_{100}^{(20)}m_{002}^{(11)}m_{111}^{(10)} + m_{100}^{(20)}m_{002}^{(11)}m_{021}^{(00)} - m_{100}^{(20)}m_{002}^{(21)}m_{210}^{(11)}\\
&+2m_{100}^{(20)}m_{002}^{(21)}m_{120}^{(10)} - m_{100}^{(20)}m_{002}^{(21)}m_{030}^{(00)} - m_{100}^{(21)}m_{200}^{(10)}m_{021}^{(22)} + 2m_{100}^{(21)}m_{200}^{(10)}m_{012}^{(21)}\\
&-m_{100}^{(21)}m_{200}^{(10)}m_{003}^{(11)} + m_{100}^{(21)}m_{200}^{(11)}m_{111}^{(22)} - m_{100}^{(21)}m_{200}^{(11)}m_{102}^{(21)} - m_{100}^{(21)}m_{200}^{(11)}m_{012}^{(20)}\\
&+m_{100}^{(21)}m_{200}^{(11)}m_{003}^{(10)} - m_{100}^{(21)}m_{200}^{(20)}m_{030}^{(22)} + 2m_{100}^{(21)}m_{200}^{(20)}m_{021}^{(21)} - m_{100}^{(21)}m_{200}^{(20)}m_{012}^{(11)}\\
&+m_{100}^{(21)}m_{200}^{(21)}m_{120}^{(22)} - 2m_{100}^{(21)}m_{200}^{(21)}m_{111}^{(21)} + m_{100}^{(21)}m_{200}^{(21)}m_{102}^{(11)} - m_{100}^{(21)}m_{200}^{(22)}m_{120}^{(21)}\\
&+m_{100}^{(21)}m_{200}^{(22)}m_{111}^{(11)} + m_{100}^{(21)}m_{200}^{(22)}m_{030}^{(20)} - m_{100}^{(21)}m_{200}^{(22)}m_{021}^{(10)} + m_{100}^{(21)}m_{110}^{(10)}m_{111}^{(22)}\\
&-m_{100}^{(21)}m_{110}^{(10)}m_{102}^{(21)} - m_{100}^{(21)}m_{110}^{(10)}m_{012}^{(20)} + m_{100}^{(21)}m_{110}^{(10)}m_{003}^{(10)} - m_{100}^{(21)}m_{110}^{(11)}m_{201}^{(22)}\\
&+2m_{100}^{(21)}m_{110}^{(11)}m_{102}^{(20)} - m_{100}^{(21)}m_{110}^{(11)}m_{003}^{(00)} + 2m_{100}^{(21)}m_{110}^{(20)}m_{120}^{(22)} - 3m_{100}^{(21)}m_{110}^{(20)}m_{111}^{(21)}\\
&+m_{100}^{(21)}m_{110}^{(20)}m_{102}^{(11)} - m_{100}^{(21)}m_{110}^{(20)}m_{021}^{(20)} + m_{100}^{(21)}m_{110}^{(20)}m_{012}^{(10)} - 2m_{100}^{(21)}m_{110}^{(21)}m_{210}^{(22)}\\
&+2m_{100}^{(21)}m_{110}^{(21)}m_{201}^{(21)} + 2m_{100}^{(21)}m_{110}^{(21)}m_{111}^{(20)} - 2m_{100}^{(21)}m_{110}^{(21)}m_{102}^{(10)} + 2m_{100}^{(21)}m_{110}^{(22)}m_{210}^{(21)}\\
&-m_{100}^{(21)}m_{110}^{(22)}m_{201}^{(11)} - 2m_{100}^{(21)}m_{110}^{(22)}m_{120}^{(20)} + m_{100}^{(21)}m_{110}^{(22)}m_{021}^{(00)} + m_{100}^{(21)}m_{101}^{(10)}m_{120}^{(22)}\\
&-3m_{100}^{(21)}m_{101}^{(10)}m_{111}^{(21)} + 2m_{100}^{(21)}m_{101}^{(10)}m_{102}^{(11)} + m_{100}^{(21)}m_{101}^{(10)}m_{021}^{(20)} - m_{100}^{(21)}m_{101}^{(10)}m_{012}^{(10)}\\
&-m_{100}^{(21)}m_{101}^{(11)}m_{210}^{(22)} + 2m_{100}^{(21)}m_{101}^{(11)}m_{201}^{(21)} - 2m_{100}^{(21)}m_{101}^{(11)}m_{102}^{(10)} + m_{100}^{(21)}m_{101}^{(11)}m_{012}^{(00)}\\
&-m_{100}^{(21)}m_{101}^{(20)}m_{120}^{(21)} + m_{100}^{(21)}m_{101}^{(20)}m_{111}^{(11)} + m_{100}^{(21)}m_{101}^{(20)}m_{030}^{(20)} - m_{100}^{(21)}m_{101}^{(20)}m_{021}^{(10)}\\
&+2m_{100}^{(21)}m_{101}^{(21)}m_{210}^{(21)} - 2m_{100}^{(21)}m_{101}^{(21)}m_{201}^{(11)} - 2m_{100}^{(21)}m_{101}^{(21)}m_{120}^{(20)} + 2m_{100}^{(21)}m_{101}^{(21)}m_{111}^{(10)}\\
&-m_{100}^{(21)}m_{101}^{(22)}m_{210}^{(11)} + 2m_{100}^{(21)}m_{101}^{(22)}m_{120}^{(10)} - m_{100}^{(21)}m_{101}^{(22)}m_{030}^{(00)} - m_{100}^{(21)}m_{020}^{(20)}m_{210}^{(22)}\\
&+m_{100}^{(21)}m_{020}^{(20)}m_{201}^{(21)} + m_{100}^{(21)}m_{020}^{(20)}m_{111}^{(20)} - m_{100}^{(21)}m_{020}^{(20)}m_{102}^{(10)} + m_{100}^{(21)}m_{020}^{(21)}m_{300}^{(22)}\\
&-2m_{100}^{(21)}m_{020}^{(21)}m_{201}^{(20)} + m_{100}^{(21)}m_{020}^{(21)}m_{102}^{(00)} - m_{100}^{(21)}m_{020}^{(22)}m_{300}^{(21)} + m_{100}^{(21)}m_{020}^{(22)}m_{210}^{(20)}\\
&+m_{100}^{(21)}m_{020}^{(22)}m_{201}^{(10)} - m_{100}^{(21)}m_{020}^{(22)}m_{111}^{(00)} - m_{100}^{(21)}m_{011}^{(10)}m_{210}^{(22)} + m_{100}^{(21)}m_{011}^{(10)}m_{201}^{(21)}\\
&+m_{100}^{(21)}m_{011}^{(10)}m_{111}^{(20)} - m_{100}^{(21)}m_{011}^{(10)}m_{102}^{(10)} + m_{100}^{(21)}m_{011}^{(11)}m_{300}^{(22)} - 2m_{100}^{(21)}m_{011}^{(11)}m_{201}^{(20)}\\
&+m_{100}^{(21)}m_{011}^{(11)}m_{102}^{(00)} + m_{100}^{(21)}m_{011}^{(20)}m_{210}^{(21)} - m_{100}^{(21)}m_{011}^{(20)}m_{201}^{(11)} - m_{100}^{(21)}m_{011}^{(20)}m_{120}^{(20)}\\
&+m_{100}^{(21)}m_{011}^{(20)}m_{111}^{(10)} - 2m_{100}^{(21)}m_{011}^{(21)}m_{300}^{(21)} + 2m_{100}^{(21)}m_{011}^{(21)}m_{210}^{(20)} + 2m_{100}^{(21)}m_{011}^{(21)}m_{201}^{(10)}\\
&-2m_{100}^{(21)}m_{011}^{(21)}m_{111}^{(00)} + m_{100}^{(21)}m_{011}^{(22)}m_{300}^{(11)} - 2m_{100}^{(21)}m_{011}^{(22)}m_{210}^{(10)} + m_{100}^{(21)}m_{011}^{(22)}m_{120}^{(00)}\\
&+m_{100}^{(21)}m_{002}^{(10)}m_{210}^{(21)} - m_{100}^{(21)}m_{002}^{(10)}m_{201}^{(11)} - m_{100}^{(21)}m_{002}^{(10)}m_{120}^{(20)} + m_{100}^{(21)}m_{002}^{(10)}m_{111}^{(10)}
\end{aligned}
$$

$$
\begin{aligned}
&-m_{100}^{(21)}m_{002}^{(11)}m_{300}^{(21)}+m_{100}^{(21)}m_{002}^{(11)}m_{210}^{(20)}+m_{100}^{(21)}m_{002}^{(11)}m_{201}^{(10)}-m_{100}^{(21)}m_{002}^{(11)}m_{111}^{(00)}\\
&+m_{100}^{(21)}m_{002}^{(21)}m_{300}^{(11)}-2m_{100}^{(21)}m_{002}^{(21)}m_{210}^{(10)}+m_{100}^{(21)}m_{002}^{(21)}m_{120}^{(00)}+m_{100}^{(22)}m_{200}^{(10)}m_{030}^{(22)}\\
&-2m_{100}^{(22)}m_{200}^{(10)}m_{021}^{(21)}+m_{100}^{(22)}m_{200}^{(10)}m_{012}^{(11)}-m_{100}^{(22)}m_{200}^{(11)}m_{120}^{(22)}+m_{100}^{(22)}m_{200}^{(11)}m_{111}^{(21)}\\
&+m_{100}^{(22)}m_{200}^{(11)}m_{021}^{(20)}-m_{100}^{(22)}m_{200}^{(11)}m_{012}^{(10)}+m_{100}^{(22)}m_{200}^{(21)}m_{120}^{(21)}-m_{100}^{(22)}m_{200}^{(21)}m_{111}^{(11)}\\
&-m_{100}^{(22)}m_{200}^{(21)}m_{030}^{(20)}+m_{100}^{(22)}m_{200}^{(21)}m_{021}^{(10)}-2m_{100}^{(22)}m_{110}^{(10)}m_{120}^{(22)}+3m_{100}^{(22)}m_{110}^{(10)}m_{111}^{(21)}\\
&-m_{100}^{(22)}m_{110}^{(10)}m_{102}^{(11)}+m_{100}^{(22)}m_{110}^{(10)}m_{021}^{(20)}-m_{100}^{(22)}m_{110}^{(10)}m_{012}^{(10)}+2m_{100}^{(22)}m_{110}^{(11)}m_{210}^{(22)}\\
&-m_{100}^{(22)}m_{110}^{(11)}m_{201}^{(21)}-3m_{100}^{(22)}m_{110}^{(11)}m_{111}^{(20)}+m_{100}^{(22)}m_{110}^{(11)}m_{102}^{(10)}+m_{100}^{(22)}m_{110}^{(11)}m_{012}^{(00)}\\
&-2m_{100}^{(22)}m_{110}^{(21)}m_{210}^{(21)}+m_{100}^{(22)}m_{110}^{(21)}m_{201}^{(11)}+2m_{100}^{(22)}m_{110}^{(21)}m_{120}^{(20)}-m_{100}^{(22)}m_{110}^{(21)}m_{021}^{(00)}\\
&+m_{100}^{(22)}m_{101}^{(10)}m_{120}^{(21)}-m_{100}^{(22)}m_{101}^{(10)}m_{111}^{(11)}-m_{100}^{(22)}m_{101}^{(10)}m_{030}^{(20)}+m_{100}^{(22)}m_{101}^{(10)}m_{021}^{(10)}\\
&-m_{100}^{(22)}m_{101}^{(11)}m_{210}^{(21)}+m_{100}^{(22)}m_{101}^{(11)}m_{120}^{(20)}+m_{100}^{(22)}m_{101}^{(11)}m_{111}^{(10)}-m_{100}^{(22)}m_{101}^{(11)}m_{021}^{(00)}\\
&+m_{100}^{(22)}m_{101}^{(21)}m_{210}^{(11)}-2m_{100}^{(22)}m_{101}^{(21)}m_{120}^{(10)}+m_{100}^{(22)}m_{101}^{(21)}m_{030}^{(00)}+m_{100}^{(22)}m_{020}^{(10)}m_{210}^{(22)}\\
&-m_{100}^{(22)}m_{020}^{(10)}m_{201}^{(21)}-m_{100}^{(22)}m_{020}^{(10)}m_{111}^{(20)}+m_{100}^{(22)}m_{020}^{(10)}m_{102}^{(10)}-m_{100}^{(22)}m_{020}^{(11)}m_{300}^{(22)}\\
&+2m_{100}^{(22)}m_{020}^{(11)}m_{201}^{(20)}-m_{100}^{(22)}m_{020}^{(11)}m_{102}^{(00)}+m_{100}^{(22)}m_{020}^{(21)}m_{300}^{(21)}-m_{100}^{(22)}m_{020}^{(21)}m_{210}^{(20)}\\
&-m_{100}^{(22)}m_{020}^{(21)}m_{201}^{(10)}+m_{100}^{(22)}m_{020}^{(21)}m_{111}^{(00)}-m_{100}^{(22)}m_{011}^{(10)}m_{210}^{(21)}+m_{100}^{(22)}m_{011}^{(10)}m_{201}^{(11)}\\
&+m_{100}^{(22)}m_{011}^{(10)}m_{120}^{(20)}-m_{100}^{(22)}m_{011}^{(10)}m_{111}^{(10)}+m_{100}^{(22)}m_{011}^{(11)}m_{300}^{(21)}-m_{100}^{(22)}m_{011}^{(11)}m_{210}^{(20)}\\
&-m_{100}^{(22)}m_{011}^{(11)}m_{201}^{(10)}+m_{100}^{(22)}m_{011}^{(11)}m_{111}^{(00)}-m_{100}^{(22)}m_{011}^{(21)}m_{300}^{(11)}+2m_{100}^{(22)}m_{011}^{(21)}m_{210}^{(10)}\\
&-m_{100}^{(22)}m_{011}^{(21)}m_{120}^{(00)}+m_{010}^{(00)}m_{110}^{(20)}m_{021}^{(22)}-2m_{010}^{(00)}m_{110}^{(20)}m_{012}^{(21)}+m_{010}^{(00)}m_{110}^{(20)}m_{003}^{(11)}\\
&-m_{010}^{(00)}m_{110}^{(21)}m_{111}^{(22)}+m_{010}^{(00)}m_{110}^{(21)}m_{102}^{(21)}+m_{010}^{(00)}m_{110}^{(21)}m_{012}^{(20)}-m_{010}^{(00)}m_{110}^{(21)}m_{003}^{(10)}\\
&+m_{010}^{(00)}m_{110}^{(22)}m_{111}^{(21)}-m_{010}^{(00)}m_{110}^{(22)}m_{102}^{(11)}-m_{010}^{(00)}m_{110}^{(22)}m_{021}^{(20)}+m_{010}^{(00)}m_{110}^{(22)}m_{012}^{(10)}\\
&-m_{010}^{(00)}m_{101}^{(20)}m_{030}^{(22)}+2m_{010}^{(00)}m_{101}^{(20)}m_{021}^{(21)}-m_{010}^{(00)}m_{101}^{(20)}m_{012}^{(11)}+m_{010}^{(00)}m_{101}^{(21)}m_{120}^{(22)}\\
&-m_{010}^{(00)}m_{101}^{(21)}m_{111}^{(21)}-m_{010}^{(00)}m_{101}^{(21)}m_{021}^{(20)}+m_{010}^{(00)}m_{101}^{(21)}m_{012}^{(10)}-m_{010}^{(00)}m_{101}^{(22)}m_{120}^{(21)}\\
&+m_{010}^{(00)}m_{101}^{(22)}m_{111}^{(11)}+m_{010}^{(00)}m_{101}^{(22)}m_{030}^{(20)}-m_{010}^{(00)}m_{101}^{(22)}m_{021}^{(10)}-m_{010}^{(00)}m_{020}^{(20)}m_{111}^{(22)}\\
&+m_{010}^{(00)}m_{020}^{(20)}m_{102}^{(21)}+m_{010}^{(00)}m_{020}^{(20)}m_{012}^{(20)}-m_{010}^{(00)}m_{020}^{(20)}m_{003}^{(10)}+m_{010}^{(00)}m_{020}^{(21)}m_{201}^{(22)}\\
&-2m_{010}^{(00)}m_{020}^{(21)}m_{102}^{(20)}+m_{010}^{(00)}m_{020}^{(21)}m_{003}^{(00)}-m_{010}^{(00)}m_{020}^{(22)}m_{201}^{(21)}+m_{010}^{(00)}m_{020}^{(22)}m_{111}^{(20)}\\
&+m_{010}^{(00)}m_{020}^{(22)}m_{102}^{(10)}-m_{010}^{(00)}m_{020}^{(22)}m_{012}^{(00)}+m_{010}^{(00)}m_{011}^{(20)}m_{120}^{(22)}-m_{010}^{(00)}m_{011}^{(20)}m_{102}^{(11)}\\
&-2m_{010}^{(00)}m_{011}^{(20)}m_{021}^{(20)}+2m_{010}^{(00)}m_{011}^{(20)}m_{012}^{(10)}-m_{010}^{(00)}m_{011}^{(21)}m_{210}^{(22)}-m_{010}^{(00)}m_{011}^{(21)}m_{201}^{(21)}\\
&+3m_{010}^{(00)}m_{011}^{(21)}m_{111}^{(20)}+m_{010}^{(00)}m_{011}^{(21)}m_{102}^{(10)}-2m_{010}^{(00)}m_{011}^{(21)}m_{012}^{(00)}+m_{010}^{(00)}m_{011}^{(22)}m_{210}^{(21)}\\
&+m_{010}^{(00)}m_{011}^{(22)}m_{201}^{(11)}-m_{010}^{(00)}m_{011}^{(22)}m_{120}^{(20)}-3m_{010}^{(00)}m_{011}^{(22)}m_{111}^{(10)}+2m_{010}^{(00)}m_{011}^{(22)}m_{021}^{(00)}\\
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&-m_{010}^{(00)}m_{002}^{(22)}m_{210}^{(11)}+2m_{010}^{(00)}m_{002}^{(22)}m_{120}^{(10)}-m_{010}^{(00)}m_{002}^{(22)}m_{030}^{(00)}-m_{010}^{(10)}m_{200}^{(20)}m_{021}^{(22)}\\
&+2m_{010}^{(10)}m_{200}^{(20)}m_{012}^{(21)}-m_{010}^{(10)}m_{200}^{(20)}m_{003}^{(11)}+m_{010}^{(10)}m_{200}^{(21)}m_{111}^{(22)}-m_{010}^{(10)}m_{200}^{(21)}m_{102}^{(21)}\\
&-m_{010}^{(10)}m_{200}^{(21)}m_{012}^{(20)}+m_{010}^{(10)}m_{200}^{(21)}m_{003}^{(10)}-m_{010}^{(10)}m_{200}^{(22)}m_{111}^{(21)}+m_{010}^{(10)}m_{200}^{(22)}m_{102}^{(11)}\\
&+m_{010}^{(10)}m_{200}^{(22)}m_{021}^{(20)}-m_{010}^{(10)}m_{200}^{(22)}m_{012}^{(10)}+m_{010}^{(10)}m_{110}^{(20)}m_{111}^{(22)}-m_{010}^{(10)}m_{110}^{(20)}m_{102}^{(21)}\\
&-m_{010}^{(10)}m_{110}^{(20)}m_{012}^{(20)}+m_{010}^{(10)}m_{110}^{(20)}m_{003}^{(10)}-m_{010}^{(10)}m_{110}^{(21)}m_{201}^{(22)}+2m_{010}^{(10)}m_{110}^{(21)}m_{102}^{(20)}\\
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&+m_{010}^{(10)}m_{110}^{(22)}m_{012}^{(00)}+m_{010}^{(10)}m_{101}^{(20)}m_{120}^{(22)}-3m_{010}^{(10)}m_{101}^{(20)}m_{111}^{(21)}+2m_{010}^{(10)}m_{101}^{(20)}m_{102}^{(11)}\\
&+m_{010}^{(10)}m_{101}^{(20)}m_{021}^{(20)}-m_{010}^{(10)}m_{101}^{(20)}m_{012}^{(10)}-m_{010}^{(10)}m_{101}^{(21)}m_{210}^{(22)}+2m_{010}^{(10)}m_{101}^{(21)}m_{201}^{(21)}
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\begin{aligned}
&-2m_{010}^{(10)}m_{101}^{(21)}m_{102}^{(10)}+m_{010}^{(10)}m_{101}^{(21)}m_{012}^{(00)}+m_{010}^{(10)}m_{101}^{(22)}m_{210}^{(21)}-2m_{010}^{(10)}m_{101}^{(22)}m_{201}^{(11)}\\
&-m_{010}^{(10)}m_{101}^{(22)}m_{120}^{(20)}+3m_{010}^{(10)}m_{101}^{(22)}m_{111}^{(10)}-m_{010}^{(10)}m_{101}^{(22)}m_{021}^{(00)}-m_{010}^{(10)}m_{011}^{(20)}m_{210}^{(22)}\\
&+m_{010}^{(10)}m_{011}^{(20)}m_{201}^{(21)}+m_{010}^{(10)}m_{011}^{(20)}m_{111}^{(20)}-m_{010}^{(10)}m_{011}^{(20)}m_{102}^{(10)}+m_{010}^{(10)}m_{011}^{(21)}m_{300}^{(22)}\\
&-2m_{010}^{(10)}m_{011}^{(21)}m_{201}^{(20)}+m_{010}^{(10)}m_{011}^{(21)}m_{102}^{(00)}-m_{010}^{(10)}m_{011}^{(22)}m_{300}^{(21)}+m_{010}^{(10)}m_{011}^{(22)}m_{210}^{(20)}\\
&+m_{010}^{(10)}m_{011}^{(22)}m_{201}^{(10)}-m_{010}^{(10)}m_{011}^{(22)}m_{111}^{(00)}+m_{010}^{(10)}m_{002}^{(20)}m_{210}^{(21)}-m_{010}^{(10)}m_{002}^{(20)}m_{201}^{(11)}\\
&-m_{010}^{(10)}m_{002}^{(20)}m_{120}^{(20)}+m_{010}^{(10)}m_{002}^{(20)}m_{111}^{(10)}-m_{010}^{(10)}m_{002}^{(21)}m_{300}^{(21)}+m_{010}^{(10)}m_{002}^{(21)}m_{210}^{(20)}\\
&+m_{010}^{(10)}m_{002}^{(21)}m_{201}^{(10)}-m_{010}^{(10)}m_{002}^{(21)}m_{111}^{(00)}+m_{010}^{(10)}m_{002}^{(22)}m_{300}^{(11)}-2m_{010}^{(10)}m_{002}^{(22)}m_{210}^{(10)}\\
&+m_{010}^{(10)}m_{002}^{(22)}m_{120}^{(00)}+m_{010}^{(20)}m_{200}^{(20)}m_{030}^{(22)}-2m_{010}^{(20)}m_{200}^{(20)}m_{021}^{(21)}+m_{010}^{(20)}m_{200}^{(20)}m_{012}^{(11)}\\
&-m_{010}^{(20)}m_{200}^{(21)}m_{120}^{(22)}+m_{010}^{(20)}m_{200}^{(21)}m_{111}^{(21)}+m_{010}^{(20)}m_{200}^{(21)}m_{021}^{(20)}-m_{010}^{(20)}m_{200}^{(21)}m_{012}^{(10)}\\
&+m_{010}^{(20)}m_{200}^{(22)}m_{120}^{(21)}-m_{010}^{(20)}m_{200}^{(22)}m_{111}^{(11)}-m_{010}^{(20)}m_{200}^{(22)}m_{030}^{(20)}+m_{010}^{(20)}m_{200}^{(22)}m_{021}^{(10)}\\
&-m_{010}^{(20)}m_{110}^{(00)}m_{021}^{(22)}+2m_{010}^{(20)}m_{110}^{(00)}m_{012}^{(21)}-m_{010}^{(20)}m_{110}^{(00)}m_{003}^{(11)}+m_{010}^{(20)}m_{110}^{(10)}m_{111}^{(22)}\\
&-m_{010}^{(20)}m_{110}^{(10)}m_{102}^{(21)}-m_{010}^{(20)}m_{110}^{(10)}m_{012}^{(20)}+m_{010}^{(20)}m_{110}^{(10)}m_{003}^{(10)}-2m_{010}^{(20)}m_{110}^{(20)}m_{120}^{(22)}\\
&+2m_{010}^{(20)}m_{110}^{(20)}m_{111}^{(21)}+2m_{010}^{(20)}m_{110}^{(20)}m_{021}^{(20)}-2m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(10)}+2m_{010}^{(20)}m_{110}^{(21)}m_{210}^{(22)}\\
&-m_{010}^{(20)}m_{110}^{(21)}m_{201}^{(21)}-3m_{010}^{(20)}m_{110}^{(21)}m_{111}^{(20)}+m_{010}^{(20)}m_{110}^{(21)}m_{102}^{(10)}+m_{010}^{(20)}m_{110}^{(21)}m_{012}^{(00)}\\
&-2m_{010}^{(20)}m_{110}^{(22)}m_{210}^{(21)}+m_{010}^{(20)}m_{110}^{(22)}m_{201}^{(11)}+2m_{010}^{(20)}m_{110}^{(22)}m_{120}^{(20)}-m_{010}^{(20)}m_{110}^{(22)}m_{021}^{(00)}\\
&+m_{010}^{(20)}m_{101}^{(00)}m_{030}^{(22)}-2m_{010}^{(20)}m_{101}^{(00)}m_{021}^{(21)}+m_{010}^{(20)}m_{101}^{(00)}m_{012}^{(11)}-m_{010}^{(20)}m_{101}^{(10)}m_{120}^{(22)}\\
&+m_{010}^{(20)}m_{101}^{(10)}m_{111}^{(21)}+m_{010}^{(20)}m_{101}^{(10)}m_{021}^{(20)}-m_{010}^{(20)}m_{101}^{(10)}m_{012}^{(10)}+2m_{010}^{(20)}m_{101}^{(20)}m_{120}^{(21)}\\
&-2m_{010}^{(20)}m_{101}^{(20)}m_{111}^{(11)}-2m_{010}^{(20)}m_{101}^{(20)}m_{030}^{(20)}+2m_{010}^{(20)}m_{101}^{(20)}m_{021}^{(10)}-m_{010}^{(20)}m_{101}^{(21)}m_{210}^{(21)}\\
&+m_{010}^{(20)}m_{101}^{(21)}m_{120}^{(20)}+m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(10)}-m_{010}^{(20)}m_{101}^{(21)}m_{021}^{(00)}+m_{010}^{(20)}m_{101}^{(22)}m_{210}^{(11)}\\
&-2m_{010}^{(20)}m_{101}^{(22)}m_{120}^{(10)}+m_{010}^{(20)}m_{101}^{(22)}m_{030}^{(00)}+m_{010}^{(20)}m_{020}^{(00)}m_{111}^{(22)}-m_{010}^{(20)}m_{020}^{(00)}m_{102}^{(21)}\\
&-m_{010}^{(20)}m_{020}^{(00)}m_{012}^{(20)}+m_{010}^{(20)}m_{020}^{(00)}m_{003}^{(10)}-m_{010}^{(20)}m_{020}^{(10)}m_{201}^{(22)}+2m_{010}^{(20)}m_{020}^{(10)}m_{102}^{(20)}\\
&-m_{010}^{(20)}m_{020}^{(10)}m_{003}^{(00)}+m_{010}^{(20)}m_{020}^{(20)}m_{210}^{(22)}-2m_{010}^{(20)}m_{020}^{(20)}m_{111}^{(20)}+m_{010}^{(20)}m_{020}^{(20)}m_{012}^{(00)}\\
&-m_{010}^{(20)}m_{020}^{(21)}m_{300}^{(22)}+2m_{010}^{(20)}m_{020}^{(21)}m_{201}^{(20)}-m_{010}^{(20)}m_{020}^{(21)}m_{102}^{(00)}+m_{010}^{(20)}m_{020}^{(22)}m_{300}^{(21)}\\
&-m_{010}^{(20)}m_{020}^{(22)}m_{210}^{(20)}-m_{010}^{(20)}m_{020}^{(22)}m_{201}^{(10)}+m_{010}^{(20)}m_{020}^{(22)}m_{111}^{(00)}-m_{010}^{(20)}m_{011}^{(00)}m_{120}^{(22)}\\
&+m_{010}^{(20)}m_{011}^{(00)}m_{102}^{(11)}+2m_{010}^{(20)}m_{011}^{(00)}m_{021}^{(20)}-2m_{010}^{(20)}m_{011}^{(00)}m_{012}^{(10)}+m_{010}^{(20)}m_{011}^{(10)}m_{210}^{(22)}\\
&+m_{010}^{(20)}m_{011}^{(10)}m_{201}^{(21)}-3m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(20)}-m_{010}^{(20)}m_{011}^{(10)}m_{102}^{(10)}+2m_{010}^{(20)}m_{011}^{(10)}m_{012}^{(00)}\\
&-2m_{010}^{(20)}m_{011}^{(20)}m_{210}^{(21)}+2m_{010}^{(20)}m_{011}^{(20)}m_{120}^{(20)}+2m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(10)}-2m_{010}^{(20)}m_{011}^{(20)}m_{021}^{(00)}\\
&+m_{010}^{(20)}m_{011}^{(21)}m_{300}^{(21)}-m_{010}^{(20)}m_{011}^{(21)}m_{210}^{(20)}-m_{010}^{(20)}m_{011}^{(21)}m_{201}^{(10)}+m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(00)}\\
&-m_{010}^{(20)}m_{011}^{(22)}m_{300}^{(11)}+2m_{010}^{(20)}m_{011}^{(22)}m_{210}^{(10)}-m_{010}^{(20)}m_{011}^{(22)}m_{120}^{(00)}+m_{010}^{(20)}m_{002}^{(00)}m_{120}^{(21)}\\
&-m_{010}^{(20)}m_{002}^{(00)}m_{111}^{(11)}-m_{010}^{(20)}m_{002}^{(00)}m_{030}^{(20)}+m_{010}^{(20)}m_{002}^{(00)}m_{021}^{(10)}-m_{010}^{(20)}m_{002}^{(10)}m_{210}^{(21)}\\
&+m_{010}^{(20)}m_{002}^{(10)}m_{120}^{(20)}+m_{010}^{(20)}m_{002}^{(10)}m_{111}^{(10)}-m_{010}^{(20)}m_{002}^{(10)}m_{021}^{(00)}+m_{010}^{(20)}m_{002}^{(20)}m_{210}^{(11)}\\
&-2m_{010}^{(20)}m_{002}^{(20)}m_{120}^{(10)}+m_{010}^{(20)}m_{002}^{(20)}m_{030}^{(00)}+m_{010}^{(21)}m_{200}^{(00)}m_{021}^{(22)}-2m_{010}^{(21)}m_{200}^{(00)}m_{012}^{(21)}\\
&+m_{010}^{(21)}m_{200}^{(00)}m_{003}^{(11)}-m_{010}^{(21)}m_{200}^{(10)}m_{111}^{(22)}+m_{010}^{(21)}m_{200}^{(10)}m_{102}^{(21)}+m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(20)}\\
&-m_{010}^{(21)}m_{200}^{(10)}m_{003}^{(10)}+m_{010}^{(21)}m_{200}^{(20)}m_{111}^{(21)}-m_{010}^{(21)}m_{200}^{(20)}m_{102}^{(11)}-m_{010}^{(21)}m_{200}^{(20)}m_{021}^{(20)}\\
&+m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(10)}-m_{010}^{(21)}m_{110}^{(00)}m_{111}^{(22)}+m_{010}^{(21)}m_{110}^{(00)}m_{102}^{(21)}+m_{010}^{(21)}m_{110}^{(00)}m_{012}^{(20)}\\
&-m_{010}^{(21)}m_{110}^{(00)}m_{003}^{(10)}+m_{010}^{(21)}m_{110}^{(10)}m_{201}^{(22)}-2m_{010}^{(21)}m_{110}^{(10)}m_{102}^{(20)}+m_{010}^{(21)}m_{110}^{(10)}m_{003}^{(00)}\\
&-m_{010}^{(21)}m_{110}^{(20)}m_{201}^{(21)}+m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(20)}+m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(10)}-m_{010}^{(21)}m_{110}^{(20)}m_{012}^{(00)}\\
&-m_{010}^{(21)}m_{101}^{(00)}m_{120}^{(22)}+3m_{010}^{(21)}m_{101}^{(00)}m_{111}^{(21)}-2m_{010}^{(21)}m_{101}^{(00)}m_{102}^{(11)}-m_{010}^{(21)}m_{101}^{(00)}m_{021}^{(20)}
\end{aligned}
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$$+m_{010}^{(21)}m_{101}^{(00)}m_{012}^{(10)}+m_{010}^{(21)}m_{101}^{(10)}m_{210}^{(22)}-2m_{010}^{(21)}m_{101}^{(10)}m_{201}^{(21)}+2m_{010}^{(21)}m_{101}^{(10)}m_{102}^{(10)}$$
$$-m_{010}^{(21)}m_{101}^{(10)}m_{012}^{(00)}-m_{010}^{(21)}m_{101}^{(20)}m_{210}^{(21)}+2m_{010}^{(21)}m_{101}^{(20)}m_{201}^{(11)}+m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(20)}$$
$$-3m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(10)}+m_{010}^{(21)}m_{101}^{(20)}m_{021}^{(00)}+m_{010}^{(21)}m_{011}^{(00)}m_{210}^{(22)}-m_{010}^{(21)}m_{011}^{(00)}m_{201}^{(21)}$$
$$-m_{010}^{(21)}m_{011}^{(00)}m_{111}^{(20)}+m_{010}^{(21)}m_{011}^{(00)}m_{102}^{(10)}-m_{010}^{(21)}m_{011}^{(10)}m_{300}^{(22)}+2m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(20)}$$
$$-m_{010}^{(21)}m_{011}^{(10)}m_{102}^{(00)}+m_{010}^{(21)}m_{011}^{(20)}m_{300}^{(21)}-m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(20)}-m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(10)}$$
$$+m_{010}^{(21)}m_{011}^{(20)}m_{111}^{(00)}-m_{010}^{(21)}m_{002}^{(00)}m_{210}^{(21)}+m_{010}^{(21)}m_{002}^{(00)}m_{201}^{(11)}+m_{010}^{(21)}m_{002}^{(00)}m_{120}^{(20)}$$
$$-m_{010}^{(21)}m_{002}^{(00)}m_{111}^{(10)}+m_{010}^{(21)}m_{002}^{(10)}m_{300}^{(21)}-m_{010}^{(21)}m_{002}^{(10)}m_{210}^{(20)}-m_{010}^{(21)}m_{002}^{(10)}m_{201}^{(10)}$$
$$+m_{010}^{(21)}m_{002}^{(10)}m_{111}^{(00)}-m_{010}^{(21)}m_{002}^{(20)}m_{300}^{(11)}+2m_{010}^{(21)}m_{002}^{(20)}m_{210}^{(10)}-m_{010}^{(21)}m_{002}^{(20)}m_{120}^{(00)}$$
$$-m_{010}^{(22)}m_{200}^{(00)}m_{030}^{(22)}+2m_{010}^{(22)}m_{200}^{(00)}m_{021}^{(21)}-m_{010}^{(22)}m_{200}^{(00)}m_{012}^{(11)}+m_{010}^{(22)}m_{200}^{(10)}m_{120}^{(22)}$$
$$-m_{010}^{(22)}m_{200}^{(10)}m_{111}^{(21)}-m_{010}^{(22)}m_{200}^{(10)}m_{021}^{(20)}+m_{010}^{(22)}m_{200}^{(10)}m_{012}^{(10)}-m_{010}^{(22)}m_{200}^{(20)}m_{120}^{(21)}$$
$$+m_{010}^{(22)}m_{200}^{(20)}m_{111}^{(11)}+m_{010}^{(22)}m_{200}^{(20)}m_{030}^{(20)}-m_{010}^{(22)}m_{200}^{(10)}m_{021}^{(10)}+2m_{010}^{(22)}m_{110}^{(00)}m_{120}^{(22)}$$
$$-3m_{010}^{(22)}m_{110}^{(00)}m_{111}^{(21)}+m_{010}^{(22)}m_{110}^{(00)}m_{102}^{(11)}-m_{010}^{(22)}m_{110}^{(00)}m_{021}^{(20)}+m_{010}^{(22)}m_{110}^{(00)}m_{012}^{(10)}$$
$$-2m_{010}^{(22)}m_{110}^{(10)}m_{210}^{(22)}+m_{010}^{(22)}m_{110}^{(10)}m_{201}^{(21)}+3m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(20)}-m_{010}^{(22)}m_{110}^{(10)}m_{102}^{(10)}$$
$$-m_{010}^{(22)}m_{110}^{(10)}m_{012}^{(00)}+2m_{010}^{(22)}m_{110}^{(20)}m_{210}^{(21)}-m_{010}^{(22)}m_{110}^{(20)}m_{201}^{(11)}-2m_{010}^{(22)}m_{110}^{(20)}m_{120}^{(20)}$$
$$+m_{010}^{(22)}m_{110}^{(20)}m_{021}^{(00)}-m_{010}^{(22)}m_{101}^{(00)}m_{120}^{(21)}+m_{010}^{(22)}m_{101}^{(00)}m_{111}^{(11)}+m_{010}^{(22)}m_{101}^{(00)}m_{030}^{(20)}$$
$$-m_{010}^{(22)}m_{101}^{(00)}m_{021}^{(10)}+m_{010}^{(22)}m_{101}^{(10)}m_{210}^{(21)}-m_{010}^{(22)}m_{101}^{(10)}m_{120}^{(20)}-m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(10)}$$
$$+m_{010}^{(22)}m_{101}^{(10)}m_{021}^{(00)}-m_{010}^{(22)}m_{101}^{(20)}m_{210}^{(11)}+2m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(10)}-m_{010}^{(22)}m_{101}^{(20)}m_{030}^{(00)}$$
$$-m_{010}^{(22)}m_{020}^{(00)}m_{210}^{(22)}+m_{010}^{(22)}m_{020}^{(00)}m_{201}^{(21)}+m_{010}^{(22)}m_{020}^{(00)}m_{111}^{(20)}-m_{010}^{(22)}m_{020}^{(00)}m_{102}^{(10)}$$
$$+m_{010}^{(22)}m_{020}^{(10)}m_{300}^{(22)}-2m_{010}^{(22)}m_{020}^{(10)}m_{201}^{(20)}+m_{010}^{(22)}m_{020}^{(10)}m_{102}^{(00)}-m_{010}^{(22)}m_{020}^{(20)}m_{300}^{(21)}$$
$$+m_{010}^{(22)}m_{020}^{(20)}m_{210}^{(20)}+m_{010}^{(22)}m_{020}^{(20)}m_{201}^{(10)}-m_{010}^{(22)}m_{020}^{(20)}m_{111}^{(00)}+m_{010}^{(22)}m_{011}^{(00)}m_{210}^{(21)}$$
$$-m_{010}^{(22)}m_{011}^{(00)}m_{201}^{(11)}-m_{010}^{(22)}m_{011}^{(00)}m_{120}^{(20)}+m_{010}^{(22)}m_{011}^{(00)}m_{111}^{(10)}-m_{010}^{(22)}m_{011}^{(10)}m_{300}^{(21)}$$
$$+m_{010}^{(22)}m_{011}^{(10)}m_{210}^{(20)}+m_{010}^{(22)}m_{011}^{(10)}m_{201}^{(10)}-m_{010}^{(22)}m_{011}^{(10)}m_{111}^{(00)}+m_{010}^{(22)}m_{011}^{(20)}m_{300}^{(11)}$$
$$-2m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(10)}+m_{010}^{(22)}m_{011}^{(20)}m_{120}^{(00)}-m_{001}^{(00)}m_{110}^{(10)}m_{021}^{(22)}+2m_{001}^{(00)}m_{110}^{(10)}m_{012}^{(21)}$$
$$-m_{001}^{(00)}m_{110}^{(10)}m_{003}^{(11)}+m_{001}^{(00)}m_{110}^{(11)}m_{111}^{(22)}-m_{001}^{(00)}m_{110}^{(11)}m_{102}^{(21)}-m_{001}^{(00)}m_{110}^{(11)}m_{012}^{(20)}$$
$$+m_{001}^{(00)}m_{110}^{(11)}m_{003}^{(10)}-m_{001}^{(00)}m_{110}^{(21)}m_{111}^{(21)}+m_{001}^{(00)}m_{110}^{(21)}m_{102}^{(11)}+m_{001}^{(00)}m_{110}^{(21)}m_{021}^{(20)}$$
$$-m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(10)}+m_{001}^{(00)}m_{101}^{(10)}m_{030}^{(22)}-2m_{001}^{(00)}m_{101}^{(10)}m_{021}^{(21)}+m_{001}^{(00)}m_{101}^{(10)}m_{012}^{(11)}$$
$$-m_{001}^{(00)}m_{101}^{(11)}m_{120}^{(22)}+m_{001}^{(00)}m_{101}^{(11)}m_{111}^{(21)}+m_{001}^{(00)}m_{101}^{(11)}m_{021}^{(20)}-m_{001}^{(00)}m_{101}^{(11)}m_{012}^{(10)}$$
$$+m_{001}^{(00)}m_{101}^{(21)}m_{120}^{(21)}-m_{001}^{(00)}m_{101}^{(21)}m_{111}^{(11)}-m_{001}^{(00)}m_{101}^{(21)}m_{030}^{(20)}+m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(10)}$$
$$+m_{001}^{(00)}m_{020}^{(10)}m_{111}^{(22)}-m_{001}^{(00)}m_{020}^{(10)}m_{102}^{(21)}-m_{001}^{(00)}m_{020}^{(10)}m_{012}^{(20)}+m_{001}^{(00)}m_{020}^{(10)}m_{003}^{(10)}$$
$$-m_{001}^{(00)}m_{020}^{(11)}m_{201}^{(22)}+2m_{001}^{(00)}m_{020}^{(11)}m_{102}^{(20)}-m_{001}^{(00)}m_{020}^{(11)}m_{003}^{(00)}+m_{001}^{(00)}m_{020}^{(21)}m_{201}^{(21)}$$
$$-m_{001}^{(00)}m_{020}^{(21)}m_{111}^{(20)}-m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(10)}+m_{001}^{(00)}m_{020}^{(21)}m_{012}^{(00)}-m_{001}^{(00)}m_{011}^{(10)}m_{120}^{(22)}$$
$$+m_{001}^{(00)}m_{011}^{(10)}m_{102}^{(11)}+2m_{001}^{(00)}m_{011}^{(10)}m_{021}^{(20)}-2m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(10)}+m_{001}^{(00)}m_{011}^{(11)}m_{210}^{(22)}$$
$$+m_{001}^{(00)}m_{011}^{(11)}m_{201}^{(21)}-3m_{001}^{(00)}m_{011}^{(11)}m_{111}^{(20)}-m_{001}^{(00)}m_{011}^{(11)}m_{102}^{(10)}+2m_{001}^{(00)}m_{011}^{(11)}m_{012}^{(00)}$$
$$-m_{001}^{(00)}m_{011}^{(21)}m_{210}^{(21)}-m_{001}^{(00)}m_{011}^{(21)}m_{201}^{(11)}+m_{001}^{(00)}m_{011}^{(21)}m_{120}^{(20)}+3m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(10)}$$
$$-2m_{001}^{(00)}m_{011}^{(21)}m_{021}^{(00)}+m_{001}^{(00)}m_{002}^{(10)}m_{120}^{(21)}-m_{001}^{(00)}m_{002}^{(10)}m_{111}^{(11)}-m_{001}^{(00)}m_{002}^{(10)}m_{030}^{(20)}$$
$$+m_{001}^{(00)}m_{002}^{(10)}m_{021}^{(10)}-m_{001}^{(00)}m_{002}^{(11)}m_{210}^{(21)}+m_{001}^{(00)}m_{002}^{(11)}m_{120}^{(20)}+m_{001}^{(00)}m_{002}^{(11)}m_{111}^{(10)}$$
$$-m_{001}^{(00)}m_{002}^{(11)}m_{021}^{(00)}+m_{001}^{(00)}m_{002}^{(21)}m_{210}^{(11)}-2m_{001}^{(00)}m_{002}^{(21)}m_{120}^{(10)}+m_{001}^{(00)}m_{002}^{(21)}m_{030}^{(00)}$$
$$+m_{001}^{(10)}m_{200}^{(10)}m_{021}^{(22)}-2m_{001}^{(10)}m_{200}^{(10)}m_{012}^{(21)}+m_{001}^{(10)}m_{200}^{(10)}m_{003}^{(11)}-m_{001}^{(10)}m_{200}^{(11)}m_{111}^{(22)}$$

$$
\begin{aligned}
&+m_{001}^{(10)}m_{200}^{(11)}m_{102}^{(21)}+m_{001}^{(10)}m_{200}^{(11)}m_{012}^{(20)}-m_{001}^{(10)}m_{200}^{(11)}m_{003}^{(10)}+m_{001}^{(10)}m_{200}^{(21)}m_{111}^{(21)}\\
&-m_{001}^{(10)}m_{200}^{(21)}m_{102}^{(11)}-m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(20)}+m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(10)}+m_{001}^{(10)}m_{110}^{(00)}m_{021}^{(22)}\\
&-2m_{001}^{(10)}m_{110}^{(00)}m_{012}^{(21)}+m_{001}^{(10)}m_{110}^{(00)}m_{003}^{(11)}-2m_{001}^{(10)}m_{110}^{(10)}m_{111}^{(22)}+2m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(21)}\\
&+2m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(20)}-2m_{001}^{(10)}m_{110}^{(10)}m_{003}^{(10)}+m_{001}^{(10)}m_{110}^{(11)}m_{201}^{(22)}-2m_{001}^{(10)}m_{110}^{(11)}m_{102}^{(20)}\\
&+m_{001}^{(10)}m_{110}^{(11)}m_{003}^{(00)}+m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(21)}-m_{001}^{(10)}m_{110}^{(20)}m_{102}^{(11)}-m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(20)}\\
&+m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(10)}-m_{001}^{(10)}m_{110}^{(21)}m_{201}^{(21)}+m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(20)}+m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(10)}\\
&-m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(00)}-m_{001}^{(10)}m_{101}^{(00)}m_{030}^{(22)}+2m_{001}^{(10)}m_{101}^{(00)}m_{021}^{(21)}-m_{001}^{(10)}m_{101}^{(00)}m_{012}^{(11)}\\
&+2m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(21)}-2m_{001}^{(10)}m_{101}^{(10)}m_{102}^{(11)}-2m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(20)}+2m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(10)}\\
&+m_{001}^{(10)}m_{101}^{(11)}m_{210}^{(22)}-2m_{001}^{(10)}m_{101}^{(11)}m_{201}^{(21)}+2m_{001}^{(10)}m_{101}^{(11)}m_{102}^{(10)}-m_{001}^{(10)}m_{101}^{(11)}m_{012}^{(00)}\\
&-m_{001}^{(10)}m_{101}^{(20)}m_{120}^{(21)}+m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(11)}+m_{001}^{(10)}m_{101}^{(20)}m_{030}^{(20)}-m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(10)}\\
&-m_{001}^{(10)}m_{101}^{(21)}m_{210}^{(21)}+2m_{001}^{(10)}m_{101}^{(21)}m_{201}^{(11)}+m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(20)}-3m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(10)}\\
&+m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(00)}-m_{001}^{(10)}m_{020}^{(00)}m_{111}^{(22)}+m_{001}^{(10)}m_{020}^{(00)}m_{102}^{(21)}+m_{001}^{(10)}m_{020}^{(00)}m_{012}^{(20)}\\
&-m_{001}^{(10)}m_{020}^{(00)}m_{003}^{(10)}+m_{001}^{(10)}m_{020}^{(10)}m_{201}^{(22)}-2m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(20)}+m_{001}^{(10)}m_{020}^{(10)}m_{003}^{(00)}\\
&-m_{001}^{(10)}m_{020}^{(20)}m_{201}^{(21)}+m_{001}^{(10)}m_{020}^{(20)}m_{111}^{(20)}+m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(10)}-m_{001}^{(10)}m_{020}^{(20)}m_{012}^{(00)}\\
&+m_{001}^{(10)}m_{011}^{(00)}m_{120}^{(22)}-m_{001}^{(10)}m_{011}^{(00)}m_{111}^{(11)}-2m_{001}^{(10)}m_{011}^{(00)}m_{021}^{(20)}+2m_{001}^{(10)}m_{011}^{(00)}m_{012}^{(10)}\\
&-2m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(21)}+2m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(20)}+2m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(10)}-2m_{001}^{(10)}m_{011}^{(10)}m_{012}^{(00)}\\
&-m_{001}^{(10)}m_{011}^{(11)}m_{300}^{(22)}+2m_{001}^{(10)}m_{011}^{(11)}m_{201}^{(20)}-m_{001}^{(10)}m_{011}^{(11)}m_{102}^{(00)}+m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(21)}\\
&+m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(11)}-m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(20)}-3m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(10)}+2m_{001}^{(10)}m_{011}^{(20)}m_{021}^{(00)}\\
&+m_{001}^{(10)}m_{011}^{(21)}m_{300}^{(21)}-m_{001}^{(10)}m_{011}^{(21)}m_{210}^{(20)}-m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(10)}+m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(00)}\\
&-m_{001}^{(10)}m_{002}^{(00)}m_{120}^{(21)}+m_{001}^{(10)}m_{002}^{(00)}m_{111}^{(11)}+m_{001}^{(10)}m_{002}^{(00)}m_{030}^{(20)}-m_{001}^{(10)}m_{002}^{(00)}m_{021}^{(10)}\\
&+m_{001}^{(10)}m_{002}^{(10)}m_{201}^{(11)}-2m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(10)}+m_{001}^{(10)}m_{002}^{(10)}m_{021}^{(00)}+m_{001}^{(10)}m_{002}^{(11)}m_{300}^{(21)}\\
&-m_{001}^{(10)}m_{002}^{(11)}m_{210}^{(20)}-m_{001}^{(10)}m_{002}^{(11)}m_{201}^{(10)}+m_{001}^{(10)}m_{002}^{(11)}m_{111}^{(00)}-m_{001}^{(10)}m_{002}^{(20)}m_{210}^{(11)}\\
&+2m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(10)}-m_{001}^{(10)}m_{002}^{(20)}m_{030}^{(00)}-m_{001}^{(10)}m_{002}^{(21)}m_{300}^{(11)}+2m_{001}^{(10)}m_{002}^{(21)}m_{210}^{(10)}\\
&-m_{001}^{(10)}m_{002}^{(21)}m_{120}^{(00)}-m_{001}^{(11)}m_{200}^{(00)}m_{021}^{(22)}+2m_{001}^{(11)}m_{200}^{(00)}m_{012}^{(21)}-m_{001}^{(11)}m_{200}^{(00)}m_{003}^{(11)}\\
&+m_{001}^{(11)}m_{200}^{(10)}m_{111}^{(22)}-m_{001}^{(11)}m_{200}^{(10)}m_{102}^{(21)}-m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(20)}+m_{001}^{(11)}m_{200}^{(10)}m_{003}^{(10)}\\
&-m_{001}^{(11)}m_{200}^{(20)}m_{111}^{(21)}+m_{001}^{(11)}m_{200}^{(20)}m_{102}^{(11)}+m_{001}^{(11)}m_{200}^{(20)}m_{021}^{(20)}-m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(10)}\\
&+m_{001}^{(11)}m_{110}^{(00)}m_{111}^{(22)}-m_{001}^{(11)}m_{110}^{(00)}m_{102}^{(21)}-m_{001}^{(11)}m_{110}^{(00)}m_{012}^{(20)}+m_{001}^{(11)}m_{110}^{(00)}m_{003}^{(10)}\\
&-m_{001}^{(11)}m_{110}^{(10)}m_{201}^{(22)}+2m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(20)}-m_{001}^{(11)}m_{110}^{(10)}m_{003}^{(00)}+m_{001}^{(11)}m_{110}^{(20)}m_{201}^{(21)}\\
&-m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(20)}-m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(10)}+m_{001}^{(11)}m_{110}^{(20)}m_{012}^{(00)}+m_{001}^{(11)}m_{101}^{(00)}m_{120}^{(22)}\\
&-3m_{001}^{(11)}m_{101}^{(00)}m_{111}^{(21)}+2m_{001}^{(11)}m_{101}^{(00)}m_{102}^{(11)}+m_{001}^{(11)}m_{101}^{(00)}m_{021}^{(20)}-m_{001}^{(11)}m_{101}^{(00)}m_{012}^{(10)}\\
&-m_{001}^{(11)}m_{101}^{(10)}m_{210}^{(22)}+2m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(21)}-2m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(10)}+m_{001}^{(11)}m_{101}^{(10)}m_{012}^{(00)}\\
&+m_{001}^{(11)}m_{101}^{(20)}m_{210}^{(21)}-2m_{001}^{(11)}m_{101}^{(20)}m_{201}^{(11)}-m_{001}^{(11)}m_{101}^{(20)}m_{120}^{(20)}+3m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(10)}\\
&-m_{001}^{(11)}m_{101}^{(20)}m_{021}^{(00)}-m_{001}^{(11)}m_{011}^{(00)}m_{210}^{(22)}+m_{001}^{(11)}m_{011}^{(00)}m_{201}^{(21)}+m_{001}^{(11)}m_{011}^{(00)}m_{111}^{(20)}\\
&-m_{001}^{(11)}m_{011}^{(00)}m_{102}^{(10)}+m_{001}^{(11)}m_{011}^{(10)}m_{300}^{(22)}-2m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(20)}+m_{001}^{(11)}m_{011}^{(10)}m_{102}^{(00)}\\
&-m_{001}^{(11)}m_{011}^{(20)}m_{300}^{(21)}+m_{001}^{(11)}m_{011}^{(20)}m_{210}^{(20)}+m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(10)}-m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(00)}\\
&+m_{001}^{(11)}m_{002}^{(00)}m_{210}^{(21)}-m_{001}^{(11)}m_{002}^{(00)}m_{201}^{(11)}-m_{001}^{(11)}m_{002}^{(00)}m_{120}^{(20)}+m_{001}^{(11)}m_{002}^{(00)}m_{111}^{(10)}\\
&-m_{001}^{(11)}m_{002}^{(10)}m_{300}^{(21)}+m_{001}^{(11)}m_{002}^{(10)}m_{210}^{(20)}+m_{001}^{(11)}m_{002}^{(10)}m_{201}^{(10)}-m_{001}^{(11)}m_{002}^{(10)}m_{111}^{(00)}\\
&+m_{001}^{(11)}m_{002}^{(20)}m_{300}^{(11)}-2m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(10)}+m_{001}^{(11)}m_{002}^{(20)}m_{120}^{(00)}-m_{001}^{(20)}m_{200}^{(10)}m_{030}^{(22)}
\end{aligned}
$$

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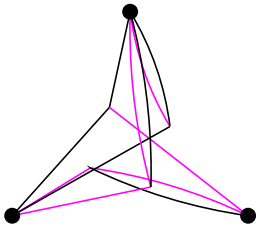
\begin{aligned}
&+2m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(21)} - m_{001}^{(20)}m_{200}^{(10)}m_{012}^{(11)} + m_{001}^{(20)}m_{200}^{(11)}m_{120}^{(22)} - m_{001}^{(20)}m_{200}^{(11)}m_{111}^{(21)}\\
&-m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(20)} + m_{001}^{(20)}m_{200}^{(11)}m_{012}^{(10)} - m_{001}^{(20)}m_{200}^{(21)}m_{120}^{(21)} + m_{001}^{(20)}m_{200}^{(21)}m_{111}^{(11)}\\
&+m_{001}^{(20)}m_{200}^{(21)}m_{030}^{(20)} - m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(10)} + 2m_{001}^{(20)}m_{110}^{(10)}m_{120}^{(22)} - 3m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(21)}\\
&+m_{001}^{(20)}m_{110}^{(10)}m_{102}^{(11)} - m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(20)} + m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(10)} - 2m_{001}^{(20)}m_{110}^{(11)}m_{210}^{(22)}\\
&+m_{001}^{(20)}m_{110}^{(11)}m_{201}^{(21)} + 3m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(20)} - m_{001}^{(20)}m_{110}^{(11)}m_{102}^{(10)} - m_{001}^{(20)}m_{110}^{(11)}m_{012}^{(00)}\\
&+2m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(21)} - m_{001}^{(20)}m_{110}^{(21)}m_{201}^{(11)} - 2m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(20)} + m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(00)}\\
&-m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(21)} + m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(11)} + m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(20)} - m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(10)}\\
&+m_{001}^{(20)}m_{101}^{(11)}m_{210}^{(21)} - m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(20)} - m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(10)} + m_{001}^{(20)}m_{101}^{(11)}m_{021}^{(00)}\\
&-m_{001}^{(20)}m_{101}^{(21)}m_{210}^{(11)} + 2m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(10)} - m_{001}^{(20)}m_{101}^{(21)}m_{030}^{(00)} - m_{001}^{(20)}m_{020}^{(10)}m_{210}^{(22)}\\
&+m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(21)} + m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(20)} - m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(10)} + m_{001}^{(20)}m_{020}^{(11)}m_{300}^{(22)}\\
&-2m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(20)} + m_{001}^{(20)}m_{020}^{(11)}m_{102}^{(00)} - m_{001}^{(20)}m_{020}^{(21)}m_{300}^{(21)} + m_{001}^{(20)}m_{020}^{(21)}m_{210}^{(20)}\\
&+m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(10)} - m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(00)} + m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(21)} - m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(11)}\\
&-m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(20)} + m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(10)} - m_{001}^{(20)}m_{011}^{(11)}m_{300}^{(21)} + m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(20)}\\
&+m_{001}^{(20)}m_{011}^{(11)}m_{201}^{(10)} - m_{001}^{(20)}m_{011}^{(11)}m_{111}^{(00)} + m_{001}^{(20)}m_{011}^{(21)}m_{300}^{(11)} - 2m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(10)}\\
&+m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(00)} + m_{001}^{(21)}m_{200}^{(00)}m_{030}^{(22)} - 2m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(21)} + m_{001}^{(21)}m_{200}^{(00)}m_{012}^{(11)}\\
&-m_{001}^{(21)}m_{200}^{(10)}m_{120}^{(22)} + m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(21)} + m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(20)} - m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(10)}\\
&+m_{001}^{(21)}m_{200}^{(20)}m_{120}^{(21)} - m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(11)} - m_{001}^{(21)}m_{200}^{(20)}m_{030}^{(20)} + m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(10)}\\
&-2m_{001}^{(21)}m_{110}^{(00)}m_{120}^{(22)} + 3m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(21)} - m_{001}^{(21)}m_{110}^{(00)}m_{102}^{(11)} + m_{001}^{(21)}m_{110}^{(00)}m_{021}^{(20)}\\
&-m_{001}^{(21)}m_{110}^{(00)}m_{012}^{(10)} + 2m_{001}^{(21)}m_{110}^{(10)}m_{210}^{(22)} - m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(21)} - 3m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(20)}\\
&+m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(10)} + m_{001}^{(21)}m_{110}^{(10)}m_{012}^{(00)} - 2m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(21)} + m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(11)}\\
&+2m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(20)} - m_{001}^{(21)}m_{110}^{(20)}m_{021}^{(00)} + m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(21)} - m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(11)}\\
&-m_{001}^{(21)}m_{101}^{(00)}m_{030}^{(20)} + m_{001}^{(21)}m_{101}^{(00)}m_{021}^{(10)} - m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(21)} + m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(20)}\\
&+m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(10)} - m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(00)} + m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(11)} - 2m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(10)}\\
&+m_{001}^{(21)}m_{101}^{(20)}m_{030}^{(00)} + m_{001}^{(21)}m_{020}^{(00)}m_{210}^{(22)} - m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(21)} - m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(20)}\\
&+m_{001}^{(21)}m_{020}^{(00)}m_{102}^{(10)} - m_{001}^{(21)}m_{020}^{(10)}m_{300}^{(22)} + 2m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(20)} - m_{001}^{(21)}m_{020}^{(10)}m_{102}^{(00)}\\
&+m_{001}^{(21)}m_{020}^{(20)}m_{300}^{(21)} - m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(20)} - m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(10)} + m_{001}^{(21)}m_{020}^{(20)}m_{111}^{(00)}\\
&-m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(21)} + m_{001}^{(21)}m_{011}^{(00)}m_{201}^{(11)} + m_{001}^{(21)}m_{011}^{(00)}m_{120}^{(20)} - m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(10)}\\
&+m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(21)} - m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(20)} - m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(10)} + m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(00)}\\
&-m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(11)} + 2m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(10)} - m_{001}^{(21)}m_{011}^{(20)}m_{120}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & 1 & 1 & V1\\
V2 & V2 & 2 & V3\\
2 & 2 & V3 & 3
\end{array}
$$



$$
\begin{aligned}
T_{83} \;=\;& -m_{100}^{(10)} m_{101}^{(10)} m_{021}^{(22)} + 2m_{100}^{(10)} m_{101}^{(10)} m_{012}^{(21)} - m_{100}^{(10)} m_{101}^{(10)} m_{003}^{(11)} + m_{100}^{(10)} m_{101}^{(11)} m_{111}^{(22)} \\
& - m_{100}^{(10)} m_{101}^{(11)} m_{102}^{(21)} - m_{100}^{(10)} m_{101}^{(11)} m_{012}^{(20)} + m_{100}^{(10)} m_{101}^{(11)} m_{003}^{(10)} + m_{100}^{(10)} m_{101}^{(20)} m_{030}^{(22)} \\
& - 2m_{100}^{(10)} m_{101}^{(20)} m_{021}^{(21)} + m_{100}^{(10)} m_{101}^{(20)} m_{012}^{(11)} - m_{100}^{(10)} m_{101}^{(21)} m_{120}^{(22)} + m_{100}^{(10)} m_{101}^{(21)} m_{102}^{(11)} \\
& + 2m_{100}^{(10)} m_{101}^{(21)} m_{021}^{(20)} - 2m_{100}^{(10)} m_{101}^{(21)} m_{012}^{(10)} + m_{100}^{(10)} m_{101}^{(22)} m_{120}^{(21)} - m_{100}^{(10)} m_{101}^{(22)} m_{111}^{(11)} \\
& - m_{100}^{(10)} m_{101}^{(22)} m_{030}^{(20)} + m_{100}^{(10)} m_{101}^{(22)} m_{021}^{(10)} + m_{100}^{(10)} m_{011}^{(10)} m_{111}^{(22)} - m_{100}^{(10)} m_{011}^{(10)} m_{102}^{(21)} \\
& - m_{100}^{(10)} m_{011}^{(10)} m_{012}^{(20)} + m_{100}^{(10)} m_{011}^{(10)} m_{003}^{(10)} - m_{100}^{(10)} m_{011}^{(11)} m_{201}^{(22)} + 2m_{100}^{(10)} m_{011}^{(11)} m_{102}^{(20)} \\
& - m_{100}^{(10)} m_{011}^{(11)} m_{003}^{(00)} - m_{100}^{(10)} m_{011}^{(20)} m_{120}^{(22)} + m_{100}^{(10)} m_{011}^{(20)} m_{111}^{(21)} + m_{100}^{(10)} m_{011}^{(20)} m_{021}^{(20)} \\
& - m_{100}^{(10)} m_{011}^{(20)} m_{012}^{(10)} + m_{100}^{(10)} m_{011}^{(21)} m_{210}^{(22)} + m_{100}^{(10)} m_{011}^{(21)} m_{201}^{(21)} - 3m_{100}^{(10)} m_{011}^{(21)} m_{111}^{(20)} \\
& - m_{100}^{(10)} m_{011}^{(21)} m_{102}^{(10)} + 2m_{100}^{(10)} m_{011}^{(21)} m_{012}^{(00)} - m_{100}^{(10)} m_{011}^{(22)} m_{210}^{(21)} + m_{100}^{(10)} m_{011}^{(22)} m_{120}^{(20)} \\
& + m_{100}^{(10)} m_{011}^{(22)} m_{111}^{(10)} - m_{100}^{(10)} m_{011}^{(22)} m_{021}^{(00)} - m_{100}^{(10)} m_{002}^{(10)} m_{111}^{(21)} + m_{100}^{(10)} m_{002}^{(10)} m_{102}^{(11)} \\
& + m_{100}^{(10)} m_{002}^{(10)} m_{021}^{(20)} - m_{100}^{(10)} m_{002}^{(10)} m_{012}^{(10)} + m_{100}^{(10)} m_{002}^{(11)} m_{201}^{(21)} - m_{100}^{(10)} m_{002}^{(11)} m_{111}^{(20)} \\
& - m_{100}^{(10)} m_{002}^{(11)} m_{102}^{(10)} + m_{100}^{(10)} m_{002}^{(11)} m_{012}^{(00)} + m_{100}^{(10)} m_{002}^{(20)} m_{120}^{(21)} - m_{100}^{(10)} m_{002}^{(20)} m_{111}^{(11)} \\
& - m_{100}^{(10)} m_{002}^{(20)} m_{030}^{(20)} + m_{100}^{(10)} m_{002}^{(20)} m_{021}^{(10)} - m_{100}^{(10)} m_{002}^{(21)} m_{210}^{(21)} - m_{100}^{(10)} m_{002}^{(21)} m_{201}^{(11)} \\
& + m_{100}^{(10)} m_{002}^{(21)} m_{120}^{(20)} + 3m_{100}^{(10)} m_{002}^{(21)} m_{111}^{(10)} - 2m_{100}^{(10)} m_{002}^{(21)} m_{021}^{(00)} + m_{100}^{(10)} m_{002}^{(22)} m_{111}^{(11)} \\
& - 2m_{100}^{(10)} m_{002}^{(22)} m_{120}^{(10)} + m_{100}^{(10)} m_{002}^{(22)} m_{030}^{(00)} + m_{100}^{(11)} m_{101}^{(00)} m_{021}^{(22)} - 2m_{100}^{(11)} m_{101}^{(00)} m_{012}^{(21)} \\
& + m_{100}^{(11)} m_{101}^{(00)} m_{003}^{(11)} - m_{100}^{(11)} m_{101}^{(10)} m_{111}^{(22)} + m_{100}^{(11)} m_{101}^{(10)} m_{102}^{(21)} + m_{100}^{(11)} m_{101}^{(10)} m_{012}^{(20)} \\
& - m_{100}^{(11)} m_{101}^{(10)} m_{003}^{(10)} - m_{100}^{(11)} m_{101}^{(20)} m_{120}^{(22)} + 3m_{100}^{(11)} m_{101}^{(20)} m_{111}^{(21)} - 2m_{100}^{(11)} m_{101}^{(20)} m_{102}^{(11)} \\
& - m_{100}^{(11)} m_{101}^{(20)} m_{021}^{(20)} + m_{100}^{(11)} m_{101}^{(20)} m_{012}^{(10)} + m_{100}^{(11)} m_{101}^{(21)} m_{210}^{(22)} - m_{100}^{(11)} m_{101}^{(21)} m_{201}^{(21)} \\
& - m_{100}^{(11)} m_{101}^{(21)} m_{111}^{(20)} + m_{100}^{(11)} m_{101}^{(21)} m_{102}^{(10)} - m_{100}^{(11)} m_{101}^{(22)} m_{210}^{(21)} + m_{100}^{(11)} m_{101}^{(22)} m_{201}^{(11)} \\
& + m_{100}^{(11)} m_{101}^{(22)} m_{120}^{(20)} - m_{100}^{(11)} m_{101}^{(22)} m_{111}^{(10)} - m_{100}^{(11)} m_{011}^{(00)} m_{111}^{(22)} + m_{100}^{(11)} m_{011}^{(00)} m_{102}^{(21)} \\
& + m_{100}^{(11)} m_{011}^{(00)} m_{012}^{(20)} - m_{100}^{(11)} m_{011}^{(00)} m_{003}^{(10)} + m_{100}^{(11)} m_{011}^{(10)} m_{201}^{(22)} - 2m_{100}^{(11)} m_{011}^{(10)} m_{102}^{(20)} \\
& + m_{100}^{(11)} m_{011}^{(10)} m_{003}^{(00)} + m_{100}^{(11)} m_{011}^{(20)} m_{210}^{(22)} - 2m_{100}^{(11)} m_{011}^{(20)} m_{201}^{(21)} + 2m_{100}^{(11)} m_{011}^{(20)} m_{102}^{(10)} \\
& - m_{100}^{(11)} m_{011}^{(20)} m_{012}^{(00)} - m_{100}^{(11)} m_{011}^{(21)} m_{300}^{(22)} + 2m_{100}^{(11)} m_{011}^{(21)} m_{201}^{(20)} - m_{100}^{(11)} m_{011}^{(21)} m_{102}^{(00)} \\
& + m_{100}^{(11)} m_{011}^{(22)} m_{300}^{(21)} - m_{100}^{(11)} m_{011}^{(22)} m_{210}^{(20)} - m_{100}^{(11)} m_{011}^{(22)} m_{201}^{(10)} + m_{100}^{(11)} m_{011}^{(22)} m_{111}^{(00)} \\
& + m_{100}^{(11)} m_{002}^{(00)} m_{111}^{(21)} - m_{100}^{(11)} m_{002}^{(00)} m_{102}^{(11)} - m_{100}^{(11)} m_{002}^{(00)} m_{021}^{(20)} + m_{100}^{(11)} m_{002}^{(00)} m_{012}^{(10)} \\
& - m_{100}^{(11)} m_{002}^{(10)} m_{201}^{(21)} + m_{100}^{(11)} m_{002}^{(10)} m_{111}^{(20)} + m_{100}^{(11)} m_{002}^{(10)} m_{102}^{(10)} - m_{100}^{(11)} m_{002}^{(10)} m_{012}^{(00)} \\
& - m_{100}^{(11)} m_{002}^{(20)} m_{210}^{(21)} + 2m_{100}^{(11)} m_{002}^{(20)} m_{201}^{(11)} + m_{100}^{(11)} m_{002}^{(20)} m_{120}^{(20)} - 3m_{100}^{(11)} m_{002}^{(20)} m_{111}^{(10)} \\
& + m_{100}^{(11)} m_{002}^{(20)} m_{021}^{(00)} + m_{100}^{(11)} m_{002}^{(21)} m_{300}^{(21)} - m_{100}^{(11)} m_{002}^{(21)} m_{210}^{(20)} - m_{100}^{(11)} m_{002}^{(21)} m_{201}^{(10)} \\
& + m_{100}^{(11)} m_{002}^{(21)} m_{111}^{(00)} - m_{100}^{(11)} m_{002}^{(22)} m_{300}^{(11)} + 2m_{100}^{(11)} m_{002}^{(22)} m_{210}^{(10)} - m_{100}^{(11)} m_{002}^{(22)} m_{120}^{(00)} \\
& + m_{100}^{(20)} m_{110}^{(10)} m_{021}^{(22)} - 2m_{100}^{(20)} m_{110}^{(10)} m_{012}^{(21)} + m_{100}^{(20)} m_{110}^{(10)} m_{003}^{(11)} - m_{100}^{(20)} m_{110}^{(11)} m_{111}^{(22)} \\
& + m_{100}^{(20)} m_{110}^{(11)} m_{102}^{(21)} + m_{100}^{(20)} m_{110}^{(11)} m_{012}^{(20)} - m_{100}^{(20)} m_{110}^{(11)} m_{003}^{(10)} - m_{100}^{(20)} m_{110}^{(20)} m_{030}^{(22)} \\
& + 2m_{100}^{(20)} m_{110}^{(20)} m_{021}^{(21)} - m_{100}^{(20)} m_{110}^{(20)} m_{012}^{(11)} + m_{100}^{(20)} m_{110}^{(21)} m_{120}^{(22)} - m_{100}^{(20)} m_{110}^{(21)} m_{102}^{(11)} \\
& - 2m_{100}^{(20)} m_{110}^{(21)} m_{021}^{(20)} + 2m_{100}^{(20)} m_{110}^{(21)} m_{012}^{(10)} - m_{100}^{(20)} m_{110}^{(22)} m_{120}^{(21)} + m_{100}^{(20)} m_{110}^{(22)} m_{111}^{(11)} \\
& + m_{100}^{(20)} m_{110}^{(22)} m_{030}^{(20)} - m_{100}^{(20)} m_{110}^{(22)} m_{021}^{(10)} - m_{100}^{(20)} m_{020}^{(10)} m_{111}^{(22)} + m_{100}^{(20)} m_{020}^{(10)} m_{102}^{(21)} \\
& + m_{100}^{(20)} m_{020}^{(10)} m_{012}^{(20)} - m_{100}^{(20)} m_{020}^{(10)} m_{003}^{(10)} + m_{100}^{(20)} m_{020}^{(11)} m_{201}^{(22)} - 2m_{100}^{(20)} m_{020}^{(11)} m_{102}^{(20)} \\
& + m_{100}^{(20)} m_{020}^{(11)} m_{003}^{(00)} + m_{100}^{(20)} m_{020}^{(20)} m_{120}^{(22)} - m_{100}^{(20)} m_{020}^{(20)} m_{111}^{(21)} - m_{100}^{(20)} m_{020}^{(20)} m_{021}^{(20)} \\
& + m_{100}^{(20)} m_{020}^{(20)} m_{012}^{(10)} - m_{100}^{(20)} m_{020}^{(21)} m_{210}^{(22)} - m_{100}^{(20)} m_{020}^{(21)} m_{201}^{(21)} + 3m_{100}^{(20)} m_{020}^{(21)} m_{111}^{(20)} \\
& + m_{100}^{(20)} m_{020}^{(21)} m_{102}^{(10)} - 2m_{100}^{(20)} m_{020}^{(21)} m_{012}^{(00)} + m_{100}^{(20)} m_{020}^{(22)} m_{210}^{(21)} - m_{100}^{(20)} m_{020}^{(22)} m_{120}^{(20)}
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&-m_{100}^{(20)}m_{020}^{(22)}m_{111}^{(10)}+m_{100}^{(20)}m_{020}^{(22)}m_{021}^{(00)}+m_{100}^{(20)}m_{011}^{(10)}m_{111}^{(21)}-m_{100}^{(20)}m_{011}^{(10)}m_{102}^{(11)}\\
&-m_{100}^{(20)}m_{011}^{(10)}m_{021}^{(20)}+m_{100}^{(20)}m_{011}^{(10)}m_{012}^{(10)}-m_{100}^{(20)}m_{011}^{(11)}m_{201}^{(21)}+m_{100}^{(20)}m_{011}^{(11)}m_{111}^{(20)}\\
&+m_{100}^{(20)}m_{011}^{(11)}m_{102}^{(10)}-m_{100}^{(20)}m_{011}^{(11)}m_{012}^{(00)}-m_{100}^{(20)}m_{011}^{(20)}m_{120}^{(21)}+m_{100}^{(20)}m_{011}^{(20)}m_{111}^{(11)}\\
&+m_{100}^{(20)}m_{011}^{(20)}m_{030}^{(20)}-m_{100}^{(20)}m_{011}^{(20)}m_{021}^{(10)}+m_{100}^{(20)}m_{011}^{(21)}m_{210}^{(21)}+m_{100}^{(20)}m_{011}^{(21)}m_{201}^{(11)}\\
&-m_{100}^{(20)}m_{011}^{(21)}m_{120}^{(20)}-3m_{100}^{(20)}m_{011}^{(21)}m_{111}^{(10)}+2m_{100}^{(20)}m_{011}^{(21)}m_{021}^{(00)}-m_{100}^{(20)}m_{011}^{(22)}m_{210}^{(11)}\\
&+2m_{100}^{(20)}m_{011}^{(22)}m_{120}^{(10)}-m_{100}^{(20)}m_{011}^{(22)}m_{030}^{(00)}-m_{100}^{(21)}m_{110}^{(00)}m_{021}^{(22)}+2m_{100}^{(21)}m_{110}^{(00)}m_{012}^{(21)}\\
&-m_{100}^{(21)}m_{110}^{(00)}m_{003}^{(11)}+m_{100}^{(21)}m_{110}^{(10)}m_{111}^{(22)}-m_{100}^{(21)}m_{110}^{(10)}m_{102}^{(21)}-m_{100}^{(21)}m_{110}^{(10)}m_{012}^{(20)}\\
&+m_{100}^{(21)}m_{110}^{(10)}m_{003}^{(10)}+m_{100}^{(21)}m_{110}^{(20)}m_{120}^{(22)}-3m_{100}^{(21)}m_{110}^{(20)}m_{111}^{(21)}+2m_{100}^{(21)}m_{110}^{(20)}m_{102}^{(11)}\\
&+m_{100}^{(21)}m_{110}^{(20)}m_{021}^{(20)}-m_{100}^{(21)}m_{110}^{(20)}m_{012}^{(10)}-m_{100}^{(21)}m_{110}^{(21)}m_{210}^{(22)}+m_{100}^{(21)}m_{110}^{(21)}m_{201}^{(21)}\\
&+m_{100}^{(21)}m_{110}^{(21)}m_{111}^{(20)}-m_{100}^{(21)}m_{110}^{(21)}m_{102}^{(10)}+m_{100}^{(21)}m_{110}^{(22)}m_{210}^{(21)}-m_{100}^{(21)}m_{110}^{(22)}m_{201}^{(11)}\\
&-m_{100}^{(21)}m_{110}^{(22)}m_{120}^{(20)}+m_{100}^{(21)}m_{110}^{(22)}m_{111}^{(10)}-m_{100}^{(21)}m_{101}^{(00)}m_{030}^{(22)}+2m_{100}^{(21)}m_{101}^{(00)}m_{021}^{(21)}\\
&-m_{100}^{(21)}m_{101}^{(00)}m_{012}^{(11)}+2m_{100}^{(21)}m_{101}^{(10)}m_{120}^{(22)}-3m_{100}^{(21)}m_{101}^{(10)}m_{111}^{(21)}+m_{100}^{(21)}m_{101}^{(10)}m_{102}^{(11)}\\
&-m_{100}^{(21)}m_{101}^{(10)}m_{021}^{(20)}+m_{100}^{(21)}m_{101}^{(10)}m_{012}^{(10)}-m_{100}^{(21)}m_{101}^{(11)}m_{210}^{(22)}+m_{100}^{(21)}m_{101}^{(11)}m_{201}^{(21)}\\
&+m_{100}^{(21)}m_{101}^{(11)}m_{111}^{(20)}-m_{100}^{(21)}m_{101}^{(11)}m_{102}^{(10)}-m_{100}^{(21)}m_{101}^{(20)}m_{120}^{(21)}+m_{100}^{(21)}m_{101}^{(20)}m_{111}^{(11)}\\
&+m_{100}^{(21)}m_{101}^{(20)}m_{030}^{(20)}-m_{100}^{(21)}m_{101}^{(20)}m_{021}^{(10)}+m_{100}^{(21)}m_{101}^{(21)}m_{210}^{(21)}-m_{100}^{(21)}m_{101}^{(21)}m_{201}^{(11)}\\
&-m_{100}^{(21)}m_{101}^{(21)}m_{120}^{(20)}+m_{100}^{(21)}m_{101}^{(21)}m_{111}^{(10)}+m_{100}^{(21)}m_{020}^{(00)}m_{111}^{(22)}-m_{100}^{(21)}m_{020}^{(00)}m_{102}^{(21)}\\
&-m_{100}^{(21)}m_{020}^{(00)}m_{012}^{(20)}+m_{100}^{(21)}m_{020}^{(00)}m_{003}^{(10)}-m_{100}^{(21)}m_{020}^{(10)}m_{201}^{(22)}+2m_{100}^{(21)}m_{020}^{(10)}m_{102}^{(20)}\\
&-m_{100}^{(21)}m_{020}^{(10)}m_{003}^{(00)}-m_{100}^{(21)}m_{020}^{(20)}m_{210}^{(22)}+2m_{100}^{(21)}m_{020}^{(20)}m_{201}^{(21)}-2m_{100}^{(21)}m_{020}^{(20)}m_{102}^{(10)}\\
&+m_{100}^{(21)}m_{020}^{(20)}m_{012}^{(00)}+m_{100}^{(21)}m_{020}^{(21)}m_{300}^{(22)}-2m_{100}^{(21)}m_{020}^{(21)}m_{201}^{(20)}+m_{100}^{(21)}m_{020}^{(21)}m_{102}^{(00)}\\
&-m_{100}^{(21)}m_{020}^{(21)}m_{300}^{(21)}+m_{100}^{(21)}m_{020}^{(22)}m_{210}^{(20)}+m_{100}^{(21)}m_{020}^{(22)}m_{201}^{(10)}-m_{100}^{(21)}m_{020}^{(22)}m_{111}^{(00)}\\
&+m_{100}^{(21)}m_{011}^{(00)}m_{120}^{(22)}-2m_{100}^{(21)}m_{011}^{(00)}m_{111}^{(21)}+m_{100}^{(21)}m_{011}^{(00)}m_{102}^{(11)}-2m_{100}^{(21)}m_{011}^{(10)}m_{210}^{(22)}\\
&+2m_{100}^{(21)}m_{011}^{(10)}m_{201}^{(21)}+2m_{100}^{(21)}m_{011}^{(10)}m_{111}^{(20)}-2m_{100}^{(21)}m_{011}^{(10)}m_{102}^{(10)}+m_{100}^{(21)}m_{011}^{(11)}m_{300}^{(22)}\\
&-2m_{100}^{(21)}m_{011}^{(11)}m_{201}^{(20)}+m_{100}^{(21)}m_{011}^{(11)}m_{102}^{(00)}+2m_{100}^{(21)}m_{011}^{(20)}m_{210}^{(21)}-2m_{100}^{(21)}m_{011}^{(20)}m_{201}^{(11)}\\
&-2m_{100}^{(21)}m_{011}^{(20)}m_{120}^{(20)}+2m_{100}^{(21)}m_{011}^{(20)}m_{111}^{(10)}-2m_{100}^{(21)}m_{011}^{(21)}m_{300}^{(21)}+2m_{100}^{(21)}m_{011}^{(21)}m_{210}^{(20)}\\
&+2m_{100}^{(21)}m_{011}^{(21)}m_{201}^{(10)}-2m_{100}^{(21)}m_{011}^{(21)}m_{111}^{(00)}+m_{100}^{(21)}m_{011}^{(22)}m_{300}^{(11)}-2m_{100}^{(21)}m_{011}^{(22)}m_{210}^{(10)}\\
&+m_{100}^{(21)}m_{011}^{(22)}m_{120}^{(00)}-m_{100}^{(21)}m_{002}^{(00)}m_{120}^{(21)}+m_{100}^{(21)}m_{002}^{(00)}m_{111}^{(11)}+m_{100}^{(21)}m_{002}^{(00)}m_{030}^{(20)}\\
&-m_{100}^{(21)}m_{002}^{(00)}m_{021}^{(10)}+2m_{100}^{(21)}m_{002}^{(10)}m_{210}^{(21)}-m_{100}^{(21)}m_{002}^{(10)}m_{201}^{(11)}-2m_{100}^{(21)}m_{002}^{(10)}m_{120}^{(20)}\\
&+m_{100}^{(21)}m_{002}^{(10)}m_{021}^{(00)}-m_{100}^{(21)}m_{002}^{(11)}m_{300}^{(21)}+m_{100}^{(21)}m_{002}^{(11)}m_{210}^{(20)}+m_{100}^{(21)}m_{002}^{(11)}m_{201}^{(10)}\\
&-m_{100}^{(21)}m_{002}^{(11)}m_{111}^{(00)}-m_{100}^{(21)}m_{002}^{(20)}m_{210}^{(11)}+2m_{100}^{(21)}m_{002}^{(20)}m_{120}^{(10)}-m_{100}^{(21)}m_{002}^{(20)}m_{030}^{(00)}\\
&+m_{100}^{(21)}m_{002}^{(21)}m_{300}^{(11)}-2m_{100}^{(21)}m_{002}^{(21)}m_{210}^{(10)}+m_{100}^{(21)}m_{002}^{(21)}m_{120}^{(00)}+m_{100}^{(22)}m_{110}^{(00)}m_{030}^{(22)}\\
&-2m_{100}^{(22)}m_{110}^{(00)}m_{021}^{(21)}+m_{100}^{(22)}m_{110}^{(00)}m_{012}^{(11)}-2m_{100}^{(22)}m_{110}^{(10)}m_{120}^{(22)}+3m_{100}^{(22)}m_{110}^{(10)}m_{111}^{(21)}\\
&-m_{100}^{(22)}m_{110}^{(10)}m_{102}^{(11)}+m_{100}^{(22)}m_{110}^{(10)}m_{021}^{(20)}-m_{100}^{(22)}m_{110}^{(10)}m_{012}^{(10)}+m_{100}^{(22)}m_{110}^{(11)}m_{210}^{(22)}\\
&-m_{100}^{(22)}m_{110}^{(11)}m_{201}^{(21)}-m_{100}^{(22)}m_{110}^{(11)}m_{111}^{(20)}+m_{100}^{(22)}m_{110}^{(11)}m_{102}^{(10)}+m_{100}^{(22)}m_{110}^{(20)}m_{120}^{(21)}\\
&-m_{100}^{(22)}m_{110}^{(20)}m_{111}^{(11)}-m_{100}^{(22)}m_{110}^{(20)}m_{030}^{(20)}+m_{100}^{(22)}m_{110}^{(20)}m_{021}^{(10)}-m_{100}^{(22)}m_{110}^{(21)}m_{210}^{(21)}\\
&+m_{100}^{(22)}m_{110}^{(21)}m_{201}^{(11)}+m_{100}^{(22)}m_{110}^{(21)}m_{120}^{(20)}-m_{100}^{(22)}m_{110}^{(21)}m_{111}^{(10)}-m_{100}^{(22)}m_{100}^{(00)}m_{120}^{(22)}\\
&+m_{100}^{(22)}m_{020}^{(00)}m_{111}^{(21)}+m_{100}^{(22)}m_{020}^{(00)}m_{021}^{(20)}-m_{100}^{(22)}m_{020}^{(00)}m_{012}^{(10)}+2m_{100}^{(22)}m_{020}^{(10)}m_{210}^{(22)}\\
&-m_{100}^{(22)}m_{020}^{(10)}m_{201}^{(21)}-3m_{100}^{(22)}m_{020}^{(10)}m_{111}^{(20)}+m_{100}^{(22)}m_{020}^{(10)}m_{102}^{(10)}+m_{100}^{(22)}m_{020}^{(10)}m_{012}^{(00)}\\
&-m_{100}^{(22)}m_{020}^{(11)}m_{300}^{(22)}+2m_{100}^{(22)}m_{020}^{(11)}m_{201}^{(20)}-m_{100}^{(22)}m_{020}^{(11)}m_{102}^{(00)}-m_{100}^{(22)}m_{020}^{(20)}m_{210}^{(21)}
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&+m_{100}^{(22)}m_{020}^{(20)}m_{120}^{(20)}+m_{100}^{(22)}m_{020}^{(20)}m_{111}^{(10)}-m_{100}^{(22)}m_{020}^{(20)}m_{021}^{(00)}+m_{100}^{(22)}m_{020}^{(21)}m_{300}^{(21)}\\
&-m_{100}^{(22)}m_{020}^{(21)}m_{210}^{(20)}-m_{100}^{(22)}m_{020}^{(21)}m_{201}^{(10)}+m_{100}^{(22)}m_{020}^{(21)}m_{111}^{(00)}+m_{100}^{(22)}m_{020}^{(00)}m_{120}^{(21)}\\
&-m_{100}^{(22)}m_{011}^{(00)}m_{111}^{(11)}-m_{100}^{(22)}m_{011}^{(00)}m_{030}^{(20)}+m_{100}^{(22)}m_{011}^{(00)}m_{021}^{(10)}-2m_{100}^{(22)}m_{011}^{(10)}m_{210}^{(21)}\\
&+m_{100}^{(22)}m_{011}^{(10)}m_{201}^{(11)}+2m_{100}^{(22)}m_{011}^{(10)}m_{120}^{(20)}-m_{100}^{(22)}m_{011}^{(10)}m_{021}^{(00)}+m_{100}^{(22)}m_{011}^{(11)}m_{300}^{(21)}\\
&-m_{100}^{(22)}m_{011}^{(11)}m_{210}^{(20)}-m_{100}^{(22)}m_{011}^{(11)}m_{201}^{(10)}+m_{100}^{(22)}m_{011}^{(00)}m_{111}^{(11)}+m_{100}^{(22)}m_{011}^{(20)}m_{210}^{(11)}\\
&-2m_{100}^{(22)}m_{011}^{(20)}m_{120}^{(10)}+m_{100}^{(22)}m_{011}^{(20)}m_{030}^{(00)}-m_{100}^{(22)}m_{011}^{(21)}m_{300}^{(11)}+2m_{100}^{(22)}m_{011}^{(21)}m_{210}^{(10)}\\
&-m_{100}^{(22)}m_{011}^{(21)}m_{120}^{(00)}+m_{010}^{(00)}m_{101}^{(10)}m_{021}^{(22)}-2m_{010}^{(00)}m_{101}^{(10)}m_{012}^{(21)}+m_{010}^{(00)}m_{101}^{(10)}m_{003}^{(11)}\\
&-m_{010}^{(00)}m_{101}^{(11)}m_{111}^{(22)}+m_{010}^{(00)}m_{101}^{(11)}m_{102}^{(21)}+m_{010}^{(00)}m_{101}^{(11)}m_{012}^{(20)}-m_{010}^{(00)}m_{101}^{(11)}m_{003}^{(10)}\\
&-m_{010}^{(00)}m_{101}^{(20)}m_{030}^{(22)}+2m_{010}^{(00)}m_{101}^{(20)}m_{021}^{(21)}-m_{010}^{(00)}m_{101}^{(20)}m_{012}^{(11)}+m_{010}^{(00)}m_{101}^{(21)}m_{120}^{(22)}\\
&-m_{010}^{(00)}m_{101}^{(21)}m_{102}^{(11)}-2m_{010}^{(00)}m_{101}^{(21)}m_{021}^{(20)}+2m_{010}^{(00)}m_{101}^{(21)}m_{012}^{(10)}-m_{010}^{(00)}m_{101}^{(22)}m_{120}^{(21)}\\
&+m_{010}^{(00)}m_{101}^{(22)}m_{111}^{(11)}+m_{010}^{(00)}m_{101}^{(22)}m_{030}^{(20)}-m_{010}^{(00)}m_{101}^{(22)}m_{021}^{(10)}-m_{010}^{(00)}m_{011}^{(10)}m_{111}^{(22)}\\
&+m_{010}^{(00)}m_{011}^{(10)}m_{102}^{(21)}+m_{010}^{(00)}m_{011}^{(10)}m_{012}^{(20)}-m_{010}^{(00)}m_{011}^{(10)}m_{003}^{(10)}+m_{010}^{(00)}m_{011}^{(11)}m_{201}^{(22)}\\
&-2m_{010}^{(00)}m_{011}^{(11)}m_{102}^{(20)}+m_{010}^{(00)}m_{011}^{(11)}m_{003}^{(00)}+m_{010}^{(00)}m_{011}^{(20)}m_{120}^{(22)}-m_{010}^{(00)}m_{011}^{(20)}m_{111}^{(21)}\\
&-m_{010}^{(00)}m_{011}^{(20)}m_{021}^{(20)}+m_{010}^{(00)}m_{011}^{(20)}m_{012}^{(10)}-m_{010}^{(00)}m_{011}^{(21)}m_{210}^{(22)}-m_{010}^{(00)}m_{011}^{(21)}m_{201}^{(21)}\\
&+3m_{010}^{(00)}m_{011}^{(21)}m_{111}^{(20)}+m_{010}^{(00)}m_{011}^{(21)}m_{102}^{(10)}-2m_{010}^{(00)}m_{011}^{(21)}m_{012}^{(00)}+m_{010}^{(00)}m_{011}^{(22)}m_{210}^{(21)}\\
&-m_{010}^{(00)}m_{011}^{(22)}m_{120}^{(20)}-m_{010}^{(00)}m_{011}^{(22)}m_{111}^{(10)}+m_{010}^{(00)}m_{011}^{(22)}m_{021}^{(00)}+m_{010}^{(00)}m_{002}^{(10)}m_{111}^{(21)}\\
&-m_{010}^{(00)}m_{002}^{(10)}m_{102}^{(11)}-m_{010}^{(00)}m_{002}^{(10)}m_{021}^{(20)}+m_{010}^{(00)}m_{002}^{(10)}m_{012}^{(10)}-m_{010}^{(00)}m_{002}^{(11)}m_{201}^{(21)}\\
&+m_{010}^{(00)}m_{002}^{(11)}m_{111}^{(20)}+m_{010}^{(00)}m_{002}^{(11)}m_{102}^{(10)}-m_{010}^{(00)}m_{002}^{(11)}m_{012}^{(00)}-m_{010}^{(00)}m_{002}^{(20)}m_{120}^{(21)}\\
&+m_{010}^{(00)}m_{002}^{(20)}m_{111}^{(11)}+m_{010}^{(00)}m_{002}^{(20)}m_{030}^{(20)}-m_{010}^{(00)}m_{002}^{(20)}m_{021}^{(10)}+m_{010}^{(00)}m_{002}^{(21)}m_{210}^{(21)}\\
&+m_{010}^{(00)}m_{002}^{(21)}m_{201}^{(11)}-m_{010}^{(00)}m_{002}^{(21)}m_{120}^{(20)}-3m_{010}^{(00)}m_{002}^{(21)}m_{111}^{(10)}+2m_{010}^{(00)}m_{002}^{(21)}m_{021}^{(00)}\\
&-m_{010}^{(00)}m_{002}^{(22)}m_{210}^{(11)}+2m_{010}^{(00)}m_{002}^{(22)}m_{120}^{(10)}-m_{010}^{(00)}m_{002}^{(22)}m_{030}^{(00)}-m_{010}^{(10)}m_{101}^{(00)}m_{021}^{(22)}\\
&+2m_{010}^{(10)}m_{101}^{(00)}m_{012}^{(21)}-m_{010}^{(10)}m_{101}^{(00)}m_{003}^{(11)}+m_{010}^{(10)}m_{101}^{(10)}m_{111}^{(22)}-m_{010}^{(10)}m_{101}^{(10)}m_{102}^{(21)}\\
&-m_{010}^{(10)}m_{101}^{(10)}m_{012}^{(20)}+m_{010}^{(10)}m_{101}^{(10)}m_{003}^{(10)}+m_{010}^{(10)}m_{101}^{(20)}m_{120}^{(22)}-3m_{010}^{(10)}m_{101}^{(20)}m_{111}^{(21)}\\
&+2m_{010}^{(10)}m_{101}^{(20)}m_{102}^{(11)}+m_{010}^{(10)}m_{101}^{(20)}m_{021}^{(20)}-m_{010}^{(10)}m_{101}^{(20)}m_{012}^{(10)}-m_{010}^{(10)}m_{101}^{(21)}m_{210}^{(22)}\\
&+m_{010}^{(10)}m_{101}^{(21)}m_{201}^{(21)}+m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(20)}-m_{010}^{(10)}m_{101}^{(21)}m_{102}^{(10)}+m_{010}^{(10)}m_{101}^{(22)}m_{210}^{(21)}\\
&-m_{010}^{(10)}m_{101}^{(22)}m_{201}^{(11)}-m_{010}^{(10)}m_{101}^{(22)}m_{120}^{(20)}+m_{010}^{(10)}m_{101}^{(22)}m_{111}^{(10)}+m_{010}^{(10)}m_{011}^{(00)}m_{111}^{(22)}\\
&-m_{010}^{(10)}m_{011}^{(00)}m_{102}^{(21)}-m_{010}^{(10)}m_{011}^{(00)}m_{012}^{(20)}+m_{010}^{(10)}m_{011}^{(00)}m_{003}^{(10)}-m_{010}^{(10)}m_{011}^{(10)}m_{201}^{(22)}\\
&+2m_{010}^{(10)}m_{011}^{(10)}m_{102}^{(20)}-m_{010}^{(10)}m_{011}^{(10)}m_{003}^{(00)}-m_{010}^{(10)}m_{011}^{(20)}m_{210}^{(22)}+2m_{010}^{(10)}m_{011}^{(20)}m_{201}^{(21)}\\
&-2m_{010}^{(10)}m_{011}^{(20)}m_{102}^{(10)}+m_{010}^{(10)}m_{011}^{(20)}m_{012}^{(00)}+m_{010}^{(10)}m_{011}^{(21)}m_{300}^{(22)}-2m_{010}^{(10)}m_{011}^{(21)}m_{201}^{(20)}\\
&+m_{010}^{(10)}m_{011}^{(21)}m_{102}^{(00)}-m_{010}^{(10)}m_{011}^{(22)}m_{300}^{(21)}+m_{010}^{(10)}m_{011}^{(22)}m_{210}^{(20)}+m_{010}^{(10)}m_{011}^{(22)}m_{201}^{(10)}\\
&-m_{010}^{(10)}m_{011}^{(22)}m_{111}^{(00)}-m_{010}^{(10)}m_{002}^{(00)}m_{111}^{(21)}+m_{010}^{(10)}m_{002}^{(00)}m_{102}^{(11)}+m_{010}^{(10)}m_{002}^{(00)}m_{021}^{(20)}\\
&-m_{010}^{(10)}m_{002}^{(00)}m_{012}^{(10)}+m_{010}^{(10)}m_{002}^{(10)}m_{201}^{(21)}-m_{010}^{(10)}m_{002}^{(10)}m_{111}^{(20)}-m_{010}^{(10)}m_{002}^{(10)}m_{102}^{(10)}\\
&+m_{010}^{(10)}m_{002}^{(10)}m_{012}^{(00)}+m_{010}^{(10)}m_{002}^{(20)}m_{210}^{(21)}-2m_{010}^{(10)}m_{002}^{(20)}m_{201}^{(11)}-m_{010}^{(10)}m_{002}^{(20)}m_{120}^{(20)}\\
&+3m_{010}^{(10)}m_{002}^{(20)}m_{111}^{(10)}-m_{010}^{(10)}m_{002}^{(20)}m_{021}^{(00)}-m_{010}^{(10)}m_{002}^{(21)}m_{300}^{(21)}+m_{010}^{(10)}m_{002}^{(21)}m_{210}^{(20)}\\
&+m_{010}^{(10)}m_{002}^{(21)}m_{201}^{(10)}-m_{010}^{(10)}m_{002}^{(21)}m_{111}^{(00)}+m_{010}^{(10)}m_{002}^{(22)}m_{300}^{(11)}-2m_{010}^{(10)}m_{002}^{(22)}m_{210}^{(10)}\\
&+m_{010}^{(10)}m_{002}^{(22)}m_{120}^{(00)}-m_{010}^{(20)}m_{200}^{(10)}m_{021}^{(22)}+2m_{010}^{(20)}m_{200}^{(10)}m_{012}^{(21)}-m_{010}^{(20)}m_{200}^{(10)}m_{003}^{(11)}\\
&+m_{010}^{(20)}m_{200}^{(11)}m_{111}^{(22)}-m_{010}^{(20)}m_{200}^{(11)}m_{102}^{(21)}-m_{010}^{(20)}m_{200}^{(11)}m_{012}^{(20)}+m_{010}^{(20)}m_{200}^{(11)}m_{003}^{(10)}\\
&+m_{010}^{(20)}m_{200}^{(20)}m_{030}^{(22)}-2m_{010}^{(20)}m_{200}^{(20)}m_{021}^{(21)}+m_{010}^{(20)}m_{200}^{(20)}m_{012}^{(11)}-m_{010}^{(20)}m_{200}^{(21)}m_{120}^{(22)}
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&+m_{010}^{(20)}m_{200}^{(21)}m_{102}^{(11)}+2m_{010}^{(20)}m_{200}^{(21)}m_{021}^{(20)}-2m_{010}^{(20)}m_{200}^{(21)}m_{012}^{(10)}+m_{010}^{(20)}m_{200}^{(22)}m_{120}^{(21)}\\
&-m_{010}^{(20)}m_{200}^{(22)}m_{111}^{(11)}-m_{010}^{(20)}m_{200}^{(22)}m_{030}^{(20)}+m_{010}^{(20)}m_{200}^{(22)}m_{021}^{(10)}+m_{010}^{(20)}m_{110}^{(10)}m_{111}^{(22)}\\
&-m_{010}^{(20)}m_{110}^{(10)}m_{102}^{(21)}-m_{010}^{(20)}m_{110}^{(10)}m_{012}^{(20)}+m_{010}^{(20)}m_{110}^{(10)}m_{003}^{(10)}-m_{010}^{(20)}m_{110}^{(11)}m_{201}^{(22)}\\
&+2m_{010}^{(20)}m_{110}^{(11)}m_{102}^{(20)}-m_{010}^{(20)}m_{110}^{(11)}m_{003}^{(00)}-m_{010}^{(20)}m_{110}^{(20)}m_{120}^{(22)}+m_{010}^{(20)}m_{110}^{(20)}m_{111}^{(21)}\\
&+m_{010}^{(20)}m_{110}^{(20)}m_{021}^{(20)}-m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(10)}+m_{010}^{(20)}m_{110}^{(21)}m_{210}^{(22)}+m_{010}^{(20)}m_{110}^{(21)}m_{201}^{(21)}\\
&-3m_{010}^{(20)}m_{110}^{(21)}m_{111}^{(20)}-m_{010}^{(20)}m_{110}^{(21)}m_{102}^{(10)}+2m_{010}^{(20)}m_{110}^{(21)}m_{012}^{(00)}-m_{010}^{(20)}m_{110}^{(22)}m_{210}^{(21)}\\
&+m_{010}^{(20)}m_{110}^{(22)}m_{120}^{(20)}+m_{010}^{(20)}m_{110}^{(22)}m_{111}^{(10)}-m_{010}^{(20)}m_{110}^{(22)}m_{021}^{(00)}+m_{010}^{(20)}m_{101}^{(00)}m_{030}^{(22)}\\
&-2m_{010}^{(20)}m_{101}^{(00)}m_{021}^{(21)}+m_{010}^{(20)}m_{101}^{(00)}m_{012}^{(11)}-2m_{010}^{(20)}m_{101}^{(10)}m_{120}^{(22)}+2m_{010}^{(20)}m_{101}^{(10)}m_{111}^{(21)}\\
&+2m_{010}^{(20)}m_{101}^{(10)}m_{021}^{(20)}-2m_{010}^{(20)}m_{101}^{(10)}m_{012}^{(10)}+m_{010}^{(20)}m_{101}^{(11)}m_{210}^{(22)}-2m_{010}^{(20)}m_{101}^{(11)}m_{111}^{(20)}\\
&+m_{010}^{(20)}m_{101}^{(11)}m_{012}^{(00)}+2m_{010}^{(20)}m_{101}^{(20)}m_{120}^{(21)}-2m_{010}^{(20)}m_{101}^{(20)}m_{111}^{(11)}-2m_{010}^{(20)}m_{101}^{(20)}m_{030}^{(20)}\\
&+2m_{010}^{(20)}m_{101}^{(20)}m_{021}^{(10)}-2m_{010}^{(20)}m_{101}^{(21)}m_{210}^{(21)}+2m_{010}^{(20)}m_{101}^{(21)}m_{120}^{(20)}+2m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(10)}\\
&-2m_{010}^{(20)}m_{101}^{(21)}m_{021}^{(00)}+m_{010}^{(20)}m_{101}^{(22)}m_{210}^{(11)}-2m_{010}^{(20)}m_{101}^{(22)}m_{120}^{(10)}+m_{010}^{(20)}m_{101}^{(22)}m_{030}^{(00)}\\
&-m_{010}^{(20)}m_{011}^{(00)}m_{120}^{(22)}+m_{010}^{(20)}m_{011}^{(00)}m_{111}^{(21)}+m_{010}^{(20)}m_{011}^{(00)}m_{021}^{(20)}-m_{010}^{(20)}m_{011}^{(00)}m_{012}^{(10)}\\
&+2m_{010}^{(20)}m_{011}^{(10)}m_{210}^{(22)}-m_{010}^{(20)}m_{011}^{(10)}m_{201}^{(21)}-3m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(20)}+m_{010}^{(20)}m_{011}^{(10)}m_{102}^{(10)}\\
&+m_{010}^{(20)}m_{011}^{(10)}m_{012}^{(00)}-m_{010}^{(20)}m_{011}^{(11)}m_{300}^{(22)}+2m_{010}^{(20)}m_{011}^{(11)}m_{201}^{(20)}-m_{010}^{(20)}m_{011}^{(11)}m_{102}^{(00)}\\
&-m_{010}^{(20)}m_{011}^{(20)}m_{210}^{(21)}+m_{010}^{(20)}m_{011}^{(20)}m_{120}^{(20)}+m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(10)}-m_{010}^{(20)}m_{011}^{(20)}m_{021}^{(00)}\\
&+m_{010}^{(20)}m_{011}^{(21)}m_{300}^{(21)}-m_{010}^{(20)}m_{011}^{(21)}m_{210}^{(20)}-m_{010}^{(20)}m_{011}^{(21)}m_{201}^{(10)}+m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(00)}\\
&+m_{010}^{(20)}m_{002}^{(00)}m_{120}^{(21)}-m_{010}^{(20)}m_{002}^{(00)}m_{111}^{(11)}-m_{010}^{(20)}m_{002}^{(00)}m_{030}^{(20)}+m_{010}^{(20)}m_{002}^{(00)}m_{021}^{(10)}\\
&-2m_{010}^{(20)}m_{002}^{(10)}m_{210}^{(21)}+m_{010}^{(20)}m_{002}^{(10)}m_{201}^{(11)}+2m_{010}^{(20)}m_{002}^{(10)}m_{120}^{(20)}-m_{010}^{(20)}m_{002}^{(10)}m_{021}^{(00)}\\
&+m_{010}^{(20)}m_{002}^{(11)}m_{300}^{(21)}-m_{010}^{(20)}m_{002}^{(11)}m_{210}^{(20)}-m_{010}^{(20)}m_{002}^{(11)}m_{201}^{(10)}+m_{010}^{(20)}m_{002}^{(11)}m_{111}^{(00)}\\
&+m_{010}^{(20)}m_{002}^{(20)}m_{210}^{(11)}-2m_{010}^{(20)}m_{002}^{(20)}m_{120}^{(10)}+m_{010}^{(20)}m_{002}^{(20)}m_{030}^{(00)}-m_{010}^{(20)}m_{002}^{(21)}m_{300}^{(11)}\\
&+2m_{010}^{(20)}m_{002}^{(21)}m_{210}^{(10)}-m_{010}^{(20)}m_{002}^{(21)}m_{120}^{(00)}+m_{010}^{(21)}m_{200}^{(00)}m_{021}^{(22)}-2m_{010}^{(21)}m_{200}^{(00)}m_{012}^{(21)}\\
&+m_{010}^{(21)}m_{200}^{(00)}m_{003}^{(11)}-m_{010}^{(21)}m_{200}^{(10)}m_{111}^{(22)}+m_{010}^{(21)}m_{200}^{(10)}m_{102}^{(21)}+m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(20)}\\
&-m_{010}^{(21)}m_{200}^{(10)}m_{003}^{(10)}-m_{010}^{(21)}m_{200}^{(20)}m_{120}^{(22)}+3m_{010}^{(21)}m_{200}^{(20)}m_{111}^{(21)}-2m_{010}^{(21)}m_{200}^{(20)}m_{102}^{(11)}\\
&-m_{010}^{(21)}m_{200}^{(20)}m_{021}^{(20)}+m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(10)}+m_{010}^{(21)}m_{200}^{(21)}m_{210}^{(22)}-m_{010}^{(21)}m_{200}^{(21)}m_{201}^{(21)}\\
&-m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(20)}+m_{010}^{(21)}m_{200}^{(21)}m_{102}^{(10)}-m_{010}^{(21)}m_{200}^{(22)}m_{210}^{(21)}+m_{010}^{(21)}m_{200}^{(22)}m_{201}^{(11)}\\
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&+m_{010}^{(21)}m_{110}^{(22)}m_{300}^{(21)}-m_{010}^{(21)}m_{110}^{(22)}m_{210}^{(20)}-m_{010}^{(21)}m_{110}^{(22)}m_{201}^{(10)}+m_{010}^{(21)}m_{110}^{(22)}m_{111}^{(00)}\\
&+m_{010}^{(21)}m_{101}^{(00)}m_{111}^{(21)}-m_{010}^{(21)}m_{101}^{(00)}m_{102}^{(11)}-m_{010}^{(21)}m_{101}^{(00)}m_{021}^{(20)}+m_{010}^{(21)}m_{101}^{(00)}m_{012}^{(10)}\\
&-m_{010}^{(21)}m_{101}^{(10)}m_{201}^{(21)}+m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(20)}+m_{010}^{(21)}m_{101}^{(10)}m_{102}^{(10)}-m_{010}^{(21)}m_{101}^{(10)}m_{012}^{(00)}\\
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&+m_{010}^{(21)}m_{101}^{(20)}m_{021}^{(00)}+m_{010}^{(21)}m_{101}^{(21)}m_{300}^{(21)}-m_{010}^{(21)}m_{101}^{(21)}m_{210}^{(20)}-m_{010}^{(21)}m_{101}^{(21)}m_{201}^{(10)}\\
&+m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(00)}-m_{010}^{(21)}m_{101}^{(22)}m_{300}^{(11)}+2m_{010}^{(21)}m_{101}^{(22)}m_{210}^{(10)}-m_{010}^{(21)}m_{101}^{(22)}m_{120}^{(00)}\\
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&-3m_{010}^{(22)}m_{200}^{(10)}m_{111}^{(21)}+m_{010}^{(22)}m_{200}^{(10)}m_{102}^{(11)}-m_{010}^{(22)}m_{200}^{(10)}m_{021}^{(20)}+m_{010}^{(22)}m_{200}^{(10)}m_{012}^{(10)}
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\begin{aligned}
&-m_{010}^{(22)}m_{200}^{(11)}m_{210}^{(22)}+m_{010}^{(22)}m_{200}^{(11)}m_{201}^{(21)}+m_{010}^{(22)}m_{200}^{(11)}m_{111}^{(20)}-m_{010}^{(22)}m_{200}^{(11)}m_{102}^{(10)}\\
&-m_{010}^{(22)}m_{200}^{(20)}m_{120}^{(21)}+m_{010}^{(22)}m_{200}^{(20)}m_{111}^{(11)}+m_{010}^{(22)}m_{200}^{(20)}m_{030}^{(20)}-m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(10)}\\
&+m_{010}^{(22)}m_{200}^{(21)}m_{210}^{(21)}-m_{010}^{(22)}m_{200}^{(21)}m_{201}^{(11)}-m_{010}^{(22)}m_{200}^{(21)}m_{120}^{(20)}+m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(10)}\\
&+m_{010}^{(22)}m_{110}^{(00)}m_{120}^{(22)}-m_{010}^{(22)}m_{110}^{(00)}m_{111}^{(21)}-m_{010}^{(22)}m_{110}^{(00)}m_{021}^{(20)}+m_{010}^{(22)}m_{110}^{(00)}m_{012}^{(10)}\\
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&+m_{010}^{(22)}m_{110}^{(20)}m_{210}^{(21)}-m_{010}^{(22)}m_{110}^{(20)}m_{120}^{(20)}-m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(10)}+m_{010}^{(22)}m_{110}^{(20)}m_{021}^{(00)}\\
&-m_{010}^{(22)}m_{110}^{(21)}m_{300}^{(21)}+m_{010}^{(22)}m_{110}^{(21)}m_{210}^{(20)}+m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(10)}-m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(00)}\\
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&+2m_{010}^{(22)}m_{101}^{(10)}m_{210}^{(21)}-m_{010}^{(22)}m_{101}^{(10)}m_{201}^{(11)}-2m_{010}^{(22)}m_{101}^{(10)}m_{120}^{(20)}+m_{010}^{(22)}m_{101}^{(10)}m_{021}^{(00)}\\
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&+m_{001}^{(00)}m_{110}^{(11)}m_{003}^{(10)}+m_{001}^{(00)}m_{110}^{(20)}m_{030}^{(22)}-2m_{001}^{(00)}m_{110}^{(20)}m_{021}^{(21)}+m_{001}^{(00)}m_{110}^{(20)}m_{012}^{(11)}\\
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&+m_{001}^{(00)}m_{110}^{(22)}m_{120}^{(21)}-m_{001}^{(00)}m_{110}^{(22)}m_{111}^{(11)}-m_{001}^{(00)}m_{110}^{(22)}m_{030}^{(20)}+m_{001}^{(00)}m_{110}^{(22)}m_{021}^{(10)}\\
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&+m_{001}^{(00)}m_{020}^{(20)}m_{111}^{(21)}+m_{001}^{(00)}m_{020}^{(20)}m_{021}^{(20)}-m_{001}^{(00)}m_{020}^{(20)}m_{012}^{(10)}+m_{001}^{(00)}m_{020}^{(21)}m_{210}^{(22)}\\
&+m_{001}^{(00)}m_{020}^{(21)}m_{201}^{(21)}-3m_{001}^{(00)}m_{020}^{(21)}m_{111}^{(20)}-m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(10)}+2m_{001}^{(00)}m_{020}^{(21)}m_{012}^{(00)}\\
&-m_{001}^{(00)}m_{020}^{(22)}m_{210}^{(21)}+m_{001}^{(00)}m_{020}^{(22)}m_{120}^{(20)}+m_{001}^{(00)}m_{020}^{(22)}m_{111}^{(10)}-m_{001}^{(00)}m_{020}^{(22)}m_{021}^{(00)}\\
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&+m_{001}^{(00)}m_{011}^{(11)}m_{201}^{(21)}-m_{001}^{(00)}m_{011}^{(11)}m_{111}^{(20)}-m_{001}^{(00)}m_{011}^{(11)}m_{102}^{(10)}+m_{001}^{(00)}m_{011}^{(11)}m_{012}^{(00)}\\
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&-m_{001}^{(00)}m_{011}^{(21)}m_{210}^{(21)}-m_{001}^{(00)}m_{011}^{(21)}m_{201}^{(11)}+m_{001}^{(00)}m_{011}^{(21)}m_{120}^{(20)}+3m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(10)}\\
&-2m_{001}^{(00)}m_{011}^{(21)}m_{021}^{(00)}+m_{001}^{(00)}m_{011}^{(22)}m_{210}^{(11)}-2m_{001}^{(00)}m_{011}^{(22)}m_{120}^{(10)}+m_{001}^{(00)}m_{011}^{(22)}m_{030}^{(00)}\\
&+m_{001}^{(10)}m_{200}^{(10)}m_{021}^{(22)}-2m_{001}^{(10)}m_{200}^{(10)}m_{012}^{(21)}+m_{001}^{(10)}m_{200}^{(10)}m_{003}^{(11)}-m_{001}^{(10)}m_{200}^{(11)}m_{111}^{(22)}\\
&+m_{001}^{(10)}m_{200}^{(11)}m_{102}^{(21)}+m_{001}^{(10)}m_{200}^{(11)}m_{012}^{(20)}-m_{001}^{(10)}m_{200}^{(11)}m_{003}^{(10)}-m_{001}^{(10)}m_{200}^{(20)}m_{030}^{(22)}\\
&+2m_{001}^{(10)}m_{200}^{(20)}m_{021}^{(21)}-m_{001}^{(10)}m_{200}^{(20)}m_{012}^{(11)}+m_{001}^{(10)}m_{200}^{(21)}m_{120}^{(22)}-m_{001}^{(10)}m_{200}^{(21)}m_{102}^{(11)}\\
&-2m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(20)}+2m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(10)}-m_{001}^{(10)}m_{200}^{(22)}m_{120}^{(21)}+m_{001}^{(10)}m_{200}^{(22)}m_{111}^{(11)}\\
&+m_{001}^{(10)}m_{200}^{(22)}m_{030}^{(20)}-m_{001}^{(10)}m_{200}^{(22)}m_{021}^{(10)}+m_{001}^{(10)}m_{110}^{(00)}m_{021}^{(22)}-2m_{001}^{(10)}m_{110}^{(00)}m_{012}^{(21)}\\
&+m_{001}^{(10)}m_{110}^{(00)}m_{003}^{(11)}-2m_{001}^{(10)}m_{110}^{(10)}m_{111}^{(22)}+2m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(21)}+2m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(20)}\\
&-2m_{001}^{(10)}m_{110}^{(10)}m_{003}^{(10)}+m_{001}^{(10)}m_{110}^{(11)}m_{201}^{(22)}-2m_{001}^{(10)}m_{110}^{(11)}m_{102}^{(20)}+m_{001}^{(10)}m_{110}^{(11)}m_{003}^{(00)}\\
&+2m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(21)}-2m_{001}^{(10)}m_{110}^{(20)}m_{102}^{(11)}-2m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(20)}+2m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(10)}\\
&-2m_{001}^{(10)}m_{110}^{(21)}m_{201}^{(21)}+2m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(20)}+2m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(10)}-2m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(00)}\\
&+m_{001}^{(10)}m_{110}^{(22)}m_{201}^{(11)}-2m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(10)}+m_{001}^{(10)}m_{110}^{(22)}m_{021}^{(00)}+m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(21)}\\
&-m_{001}^{(10)}m_{101}^{(10)}m_{102}^{(11)}-m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(20)}+m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(10)}-m_{001}^{(10)}m_{101}^{(11)}m_{201}^{(21)}
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&+m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(20)}+m_{001}^{(10)}m_{101}^{(11)}m_{102}^{(10)}-m_{001}^{(10)}m_{101}^{(11)}m_{012}^{(00)}-m_{001}^{(10)}m_{101}^{(20)}m_{120}^{(21)}\\
&+m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(11)}+m_{001}^{(10)}m_{101}^{(20)}m_{030}^{(20)}-m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(10)}+m_{001}^{(10)}m_{101}^{(21)}m_{210}^{(21)}\\
&+m_{001}^{(10)}m_{101}^{(21)}m_{201}^{(11)}-m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(20)}-3m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(10)}+2m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(00)}\\
&-m_{001}^{(10)}m_{101}^{(22)}m_{210}^{(11)}+2m_{001}^{(10)}m_{101}^{(22)}m_{120}^{(10)}-m_{001}^{(10)}m_{101}^{(22)}m_{030}^{(00)}-m_{001}^{(10)}m_{020}^{(00)}m_{111}^{(22)}\\
&+m_{001}^{(10)}m_{020}^{(00)}m_{102}^{(21)}+m_{001}^{(10)}m_{020}^{(00)}m_{012}^{(20)}-m_{001}^{(10)}m_{020}^{(00)}m_{003}^{(10)}+m_{001}^{(10)}m_{020}^{(10)}m_{201}^{(22)}\\
&-2m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(20)}+m_{001}^{(10)}m_{020}^{(10)}m_{003}^{(00)}+m_{001}^{(10)}m_{020}^{(20)}m_{210}^{(22)}-2m_{001}^{(10)}m_{020}^{(20)}m_{201}^{(21)}\\
&+2m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(10)}-m_{001}^{(10)}m_{020}^{(20)}m_{012}^{(00)}-m_{001}^{(10)}m_{020}^{(21)}m_{300}^{(22)}+2m_{001}^{(10)}m_{020}^{(21)}m_{201}^{(20)}\\
&-m_{001}^{(10)}m_{020}^{(21)}m_{102}^{(00)}+m_{001}^{(10)}m_{020}^{(22)}m_{300}^{(21)}-m_{001}^{(10)}m_{020}^{(22)}m_{210}^{(20)}-m_{001}^{(10)}m_{020}^{(22)}m_{201}^{(10)}\\
&+m_{001}^{(10)}m_{020}^{(22)}m_{111}^{(00)}+m_{001}^{(10)}m_{011}^{(00)}m_{111}^{(21)}-m_{001}^{(10)}m_{011}^{(00)}m_{102}^{(11)}-m_{001}^{(10)}m_{011}^{(00)}m_{021}^{(20)}\\
&+m_{001}^{(10)}m_{011}^{(00)}m_{012}^{(10)}-m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(21)}+m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(20)}+m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(10)}\\
&-m_{001}^{(10)}m_{011}^{(10)}m_{012}^{(00)}-m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(21)}+2m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(11)}+m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(20)}\\
&-3m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(10)}+m_{001}^{(10)}m_{011}^{(20)}m_{021}^{(00)}+m_{001}^{(10)}m_{011}^{(21)}m_{300}^{(21)}-m_{001}^{(10)}m_{011}^{(21)}m_{210}^{(20)}\\
&-m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(10)}+m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(00)}-m_{001}^{(10)}m_{011}^{(22)}m_{300}^{(11)}+2m_{001}^{(10)}m_{011}^{(22)}m_{210}^{(10)}\\
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&+m_{001}^{(11)}m_{200}^{(20)}m_{120}^{(22)}-3m_{001}^{(11)}m_{200}^{(20)}m_{111}^{(21)}+2m_{001}^{(11)}m_{200}^{(20)}m_{102}^{(11)}+m_{001}^{(11)}m_{200}^{(20)}m_{021}^{(20)}\\
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&-m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(10)}+m_{001}^{(11)}m_{200}^{(22)}m_{210}^{(21)}-m_{001}^{(11)}m_{200}^{(22)}m_{201}^{(11)}-m_{001}^{(11)}m_{200}^{(22)}m_{120}^{(20)}\\
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&+m_{001}^{(11)}m_{110}^{(00)}m_{003}^{(10)}-m_{001}^{(11)}m_{110}^{(10)}m_{201}^{(22)}+2m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(20)}-m_{001}^{(11)}m_{110}^{(10)}m_{003}^{(00)}\\
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&+m_{001}^{(11)}m_{110}^{(21)}m_{300}^{(22)}-2m_{001}^{(11)}m_{110}^{(21)}m_{201}^{(20)}+m_{001}^{(11)}m_{110}^{(21)}m_{102}^{(00)}-m_{001}^{(11)}m_{110}^{(22)}m_{300}^{(21)}\\
&+m_{001}^{(11)}m_{110}^{(22)}m_{210}^{(20)}+m_{001}^{(11)}m_{110}^{(22)}m_{201}^{(10)}-m_{001}^{(11)}m_{110}^{(22)}m_{111}^{(00)}-m_{001}^{(11)}m_{101}^{(00)}m_{111}^{(21)}\\
&+m_{001}^{(11)}m_{101}^{(00)}m_{102}^{(11)}+m_{001}^{(11)}m_{101}^{(00)}m_{021}^{(20)}-m_{001}^{(11)}m_{101}^{(00)}m_{012}^{(10)}+m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(21)}\\
&-m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(20)}-m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(10)}+m_{001}^{(11)}m_{101}^{(10)}m_{012}^{(00)}+m_{001}^{(11)}m_{101}^{(20)}m_{210}^{(21)}\\
&-2m_{001}^{(11)}m_{101}^{(20)}m_{201}^{(11)}-m_{001}^{(11)}m_{101}^{(20)}m_{120}^{(20)}+3m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(10)}-m_{001}^{(11)}m_{101}^{(20)}m_{021}^{(00)}\\
&-m_{001}^{(11)}m_{101}^{(21)}m_{300}^{(21)}+m_{001}^{(11)}m_{101}^{(21)}m_{210}^{(20)}+m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(10)}-m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(00)}\\
&+m_{001}^{(11)}m_{101}^{(22)}m_{300}^{(11)}-2m_{001}^{(11)}m_{101}^{(22)}m_{210}^{(10)}+m_{001}^{(11)}m_{101}^{(22)}m_{120}^{(00)}-m_{001}^{(20)}m_{110}^{(00)}m_{030}^{(22)}\\
&+2m_{001}^{(20)}m_{110}^{(00)}m_{021}^{(21)}-m_{001}^{(20)}m_{110}^{(00)}m_{012}^{(11)}+2m_{001}^{(20)}m_{110}^{(10)}m_{120}^{(22)}-3m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(21)}\\
&+m_{001}^{(20)}m_{110}^{(10)}m_{102}^{(11)}-m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(20)}+m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(10)}-m_{001}^{(20)}m_{110}^{(11)}m_{210}^{(22)}\\
&+m_{001}^{(20)}m_{110}^{(11)}m_{201}^{(21)}+m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(20)}-m_{001}^{(20)}m_{110}^{(11)}m_{102}^{(10)}-m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(21)}\\
&+m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(11)}+m_{001}^{(20)}m_{110}^{(20)}m_{030}^{(20)}-m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(10)}+m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(21)}\\
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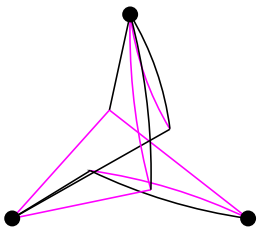
&-m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(21)}-m_{001}^{(20)}m_{020}^{(00)}m_{021}^{(20)}+m_{001}^{(20)}m_{020}^{(00)}m_{012}^{(10)}-2m_{001}^{(20)}m_{020}^{(10)}m_{210}^{(22)}\\
&+m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(21)}+3m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(20)}-m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(10)}-m_{001}^{(20)}m_{020}^{(10)}m_{012}^{(00)}\\
&+m_{001}^{(20)}m_{020}^{(11)}m_{300}^{(22)}-2m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(20)}+m_{001}^{(20)}m_{020}^{(11)}m_{102}^{(00)}+m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(21)}\\
&-m_{001}^{(20)}m_{020}^{(20)}m_{120}^{(20)}-m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(10)}+m_{001}^{(20)}m_{020}^{(20)}m_{021}^{(00)}-m_{001}^{(20)}m_{020}^{(21)}m_{300}^{(21)}\\
&+m_{001}^{(20)}m_{020}^{(21)}m_{210}^{(20)}+m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(10)}-m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(00)}-m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(21)}
\end{aligned}
$$

$$
\begin{aligned}
&+m_{001}^{(20)}m_{011}^{(00)}m_{111}^{(11)}+m_{001}^{(20)}m_{011}^{(00)}m_{030}^{(20)}-m_{001}^{(20)}m_{011}^{(00)}m_{021}^{(10)}+2m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(21)}\\
&-m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(11)}-2m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(20)}+m_{001}^{(20)}m_{011}^{(10)}m_{021}^{(00)}-m_{001}^{(20)}m_{011}^{(11)}m_{300}^{(21)}\\
&+m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(20)}+m_{001}^{(20)}m_{011}^{(11)}m_{201}^{(10)}-m_{001}^{(20)}m_{011}^{(11)}m_{111}^{(00)}-m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(11)}\\
&+2m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(10)}-m_{001}^{(20)}m_{011}^{(20)}m_{030}^{(00)}+m_{001}^{(20)}m_{011}^{(21)}m_{300}^{(11)}-2m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(10)}\\
&+m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(00)}+m_{001}^{(21)}m_{200}^{(00)}m_{030}^{(22)}-2m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(21)}+m_{001}^{(21)}m_{200}^{(00)}m_{012}^{(11)}\\
&-2m_{001}^{(21)}m_{200}^{(10)}m_{120}^{(22)}+3m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(21)}-m_{001}^{(21)}m_{200}^{(10)}m_{102}^{(11)}+m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(20)}\\
&-m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(10)}+m_{001}^{(21)}m_{200}^{(11)}m_{210}^{(22)}-m_{001}^{(21)}m_{200}^{(11)}m_{201}^{(21)}-m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(20)}\\
&+m_{001}^{(21)}m_{200}^{(11)}m_{102}^{(10)}+m_{001}^{(21)}m_{200}^{(20)}m_{120}^{(21)}-m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(11)}-m_{001}^{(21)}m_{200}^{(20)}m_{030}^{(20)}\\
&+m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(10)}-m_{001}^{(21)}m_{200}^{(21)}m_{210}^{(21)}+m_{001}^{(21)}m_{200}^{(21)}m_{201}^{(11)}+m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(20)}\\
&-m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(10)}-m_{001}^{(21)}m_{110}^{(00)}m_{120}^{(22)}+m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(21)}+m_{001}^{(21)}m_{110}^{(00)}m_{021}^{(20)}\\
&-m_{001}^{(21)}m_{110}^{(00)}m_{012}^{(10)}+2m_{001}^{(21)}m_{110}^{(10)}m_{210}^{(22)}-m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(21)}-3m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(20)}\\
&+m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(10)}+m_{001}^{(21)}m_{110}^{(10)}m_{012}^{(00)}-m_{001}^{(21)}m_{110}^{(11)}m_{300}^{(22)}+2m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(20)}\\
&-m_{001}^{(21)}m_{110}^{(11)}m_{102}^{(00)}-m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(21)}+m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(20)}+m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(10)}\\
&-m_{001}^{(21)}m_{110}^{(20)}m_{021}^{(00)}+m_{001}^{(21)}m_{110}^{(21)}m_{300}^{(21)}-m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(20)}-m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(10)}\\
&+m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(00)}+m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(21)}-m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(11)}-m_{001}^{(21)}m_{101}^{(00)}m_{030}^{(20)}\\
&+m_{001}^{(21)}m_{101}^{(00)}m_{021}^{(10)}-2m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(21)}+m_{001}^{(21)}m_{101}^{(10)}m_{201}^{(11)}+2m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(20)}\\
&-m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(00)}+m_{001}^{(21)}m_{101}^{(11)}m_{300}^{(21)}-m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(20)}-m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(10)}\\
&+m_{001}^{(21)}m_{101}^{(11)}m_{111}^{(00)}+m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(11)}-2m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(10)}+m_{001}^{(21)}m_{101}^{(20)}m_{030}^{(00)}\\
&-m_{001}^{(21)}m_{101}^{(21)}m_{300}^{(11)}+2m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(10)}-m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & 1 & V1 & 1 \\
V2 & V2 & 2 & V3 \\
2 & 2 & V3 & 3
\end{array}
$$



$$
\begin{aligned}
T_{84} \;=\;& -m_{100}^{(10)}m_{011}^{(00)}m_{021}^{(22)}+2m_{100}^{(10)}m_{011}^{(00)}m_{012}^{(21)}-m_{100}^{(10)}m_{011}^{(00)}m_{003}^{(11)}+2m_{100}^{(10)}m_{011}^{(10)}m_{111}^{(22)}\\
&-2m_{100}^{(10)}m_{011}^{(10)}m_{102}^{(21)}-2m_{100}^{(10)}m_{011}^{(10)}m_{012}^{(20)}+2m_{100}^{(10)}m_{011}^{(10)}m_{003}^{(10)}-m_{100}^{(10)}m_{011}^{(11)}m_{201}^{(22)}\\
&+2m_{100}^{(10)}m_{011}^{(11)}m_{102}^{(20)}-m_{100}^{(10)}m_{011}^{(11)}m_{003}^{(00)}-2m_{100}^{(10)}m_{011}^{(20)}m_{111}^{(21)}+2m_{100}^{(10)}m_{011}^{(20)}m_{102}^{(11)}\\
&+2m_{100}^{(10)}m_{011}^{(20)}m_{021}^{(20)}-2m_{100}^{(10)}m_{011}^{(20)}m_{012}^{(10)}+2m_{100}^{(10)}m_{011}^{(21)}m_{201}^{(21)}-2m_{100}^{(10)}m_{011}^{(21)}m_{111}^{(20)}
\end{aligned}
$$

$$
\begin{aligned}
&-2m_{100}^{(10)}m_{011}^{(21)}m_{102}^{(10)}+2m_{100}^{(10)}m_{011}^{(21)}m_{012}^{(00)}-m_{100}^{(10)}m_{011}^{(22)}m_{201}^{(11)}+2m_{100}^{(10)}m_{011}^{(22)}m_{111}^{(10)}\\
&-m_{100}^{(10)}m_{011}^{(22)}m_{021}^{(00)}+m_{100}^{(10)}m_{002}^{(00)}m_{030}^{(22)}-2m_{100}^{(10)}m_{002}^{(00)}m_{021}^{(21)}+m_{100}^{(10)}m_{002}^{(00)}m_{012}^{(11)}\\
&-2m_{100}^{(10)}m_{002}^{(10)}m_{120}^{(22)}+2m_{100}^{(10)}m_{002}^{(10)}m_{111}^{(21)}+2m_{100}^{(10)}m_{002}^{(10)}m_{021}^{(20)}-2m_{100}^{(10)}m_{002}^{(10)}m_{012}^{(10)}\\
&+m_{100}^{(10)}m_{002}^{(11)}m_{210}^{(22)}-2m_{100}^{(10)}m_{002}^{(11)}m_{111}^{(20)}+m_{100}^{(10)}m_{002}^{(11)}m_{012}^{(00)}+2m_{100}^{(10)}m_{002}^{(20)}m_{120}^{(21)}\\
&-2m_{100}^{(10)}m_{002}^{(20)}m_{111}^{(11)}-2m_{100}^{(10)}m_{002}^{(20)}m_{030}^{(20)}+2m_{100}^{(10)}m_{002}^{(20)}m_{021}^{(10)}-2m_{100}^{(10)}m_{002}^{(21)}m_{210}^{(21)}\\
&+2m_{100}^{(10)}m_{002}^{(21)}m_{120}^{(20)}+2m_{100}^{(10)}m_{002}^{(21)}m_{111}^{(10)}-2m_{100}^{(10)}m_{002}^{(21)}m_{021}^{(00)}+m_{100}^{(10)}m_{002}^{(22)}m_{210}^{(11)}\\
&-2m_{100}^{(10)}m_{002}^{(22)}m_{120}^{(10)}+m_{100}^{(10)}m_{002}^{(22)}m_{030}^{(00)}+m_{100}^{(11)}m_{101}^{(00)}m_{021}^{(22)}-2m_{100}^{(11)}m_{101}^{(00)}m_{012}^{(21)}\\
&+m_{100}^{(11)}m_{101}^{(00)}m_{003}^{(11)}-2m_{100}^{(11)}m_{101}^{(10)}m_{111}^{(22)}+2m_{100}^{(11)}m_{101}^{(10)}m_{102}^{(21)}+2m_{100}^{(11)}m_{101}^{(10)}m_{012}^{(20)}\\
&-2m_{100}^{(11)}m_{101}^{(10)}m_{003}^{(10)}+m_{100}^{(11)}m_{101}^{(11)}m_{201}^{(22)}-2m_{100}^{(11)}m_{101}^{(11)}m_{102}^{(20)}+m_{100}^{(11)}m_{101}^{(11)}m_{003}^{(00)}\\
&+2m_{100}^{(11)}m_{101}^{(20)}m_{111}^{(21)}-2m_{100}^{(11)}m_{101}^{(20)}m_{102}^{(11)}-2m_{100}^{(11)}m_{101}^{(20)}m_{021}^{(20)}+2m_{100}^{(11)}m_{101}^{(20)}m_{012}^{(10)}\\
&-2m_{100}^{(11)}m_{101}^{(21)}m_{201}^{(21)}+2m_{100}^{(11)}m_{101}^{(21)}m_{111}^{(20)}+2m_{100}^{(11)}m_{101}^{(21)}m_{102}^{(10)}-2m_{100}^{(11)}m_{101}^{(21)}m_{012}^{(00)}\\
&+m_{100}^{(11)}m_{101}^{(22)}m_{201}^{(11)}-2m_{100}^{(11)}m_{101}^{(22)}m_{111}^{(10)}+m_{100}^{(11)}m_{101}^{(22)}m_{021}^{(00)}-m_{100}^{(11)}m_{002}^{(00)}m_{120}^{(22)}\\
&+2m_{100}^{(11)}m_{002}^{(00)}m_{111}^{(21)}-m_{100}^{(11)}m_{002}^{(00)}m_{102}^{(11)}+2m_{100}^{(11)}m_{002}^{(10)}m_{210}^{(22)}-2m_{100}^{(11)}m_{002}^{(10)}m_{201}^{(21)}\\
&-2m_{100}^{(11)}m_{002}^{(10)}m_{111}^{(20)}+2m_{100}^{(11)}m_{002}^{(10)}m_{102}^{(10)}-m_{100}^{(11)}m_{002}^{(11)}m_{300}^{(22)}+2m_{100}^{(11)}m_{002}^{(11)}m_{201}^{(20)}\\
&-m_{100}^{(11)}m_{002}^{(11)}m_{102}^{(00)}-2m_{100}^{(11)}m_{002}^{(20)}m_{210}^{(21)}+2m_{100}^{(11)}m_{002}^{(20)}m_{201}^{(11)}+2m_{100}^{(11)}m_{002}^{(20)}m_{120}^{(20)}\\
&-2m_{100}^{(11)}m_{002}^{(20)}m_{111}^{(10)}+2m_{100}^{(11)}m_{002}^{(21)}m_{300}^{(21)}-2m_{100}^{(11)}m_{002}^{(21)}m_{210}^{(20)}-2m_{100}^{(11)}m_{002}^{(21)}m_{201}^{(10)}\\
&+2m_{100}^{(11)}m_{002}^{(21)}m_{111}^{(00)}-m_{100}^{(11)}m_{002}^{(22)}m_{300}^{(11)}+2m_{100}^{(11)}m_{002}^{(22)}m_{210}^{(10)}-m_{100}^{(11)}m_{002}^{(22)}m_{120}^{(00)}\\
&+m_{100}^{(20)}m_{020}^{(00)}m_{021}^{(22)}-2m_{100}^{(20)}m_{020}^{(00)}m_{012}^{(21)}+m_{100}^{(20)}m_{020}^{(00)}m_{003}^{(11)}-2m_{100}^{(20)}m_{020}^{(10)}m_{111}^{(22)}\\
&+2m_{100}^{(20)}m_{020}^{(10)}m_{102}^{(21)}+2m_{100}^{(20)}m_{020}^{(10)}m_{012}^{(20)}-2m_{100}^{(20)}m_{020}^{(10)}m_{003}^{(10)}+m_{100}^{(20)}m_{020}^{(11)}m_{201}^{(22)}\\
&-2m_{100}^{(20)}m_{020}^{(11)}m_{102}^{(20)}+m_{100}^{(20)}m_{020}^{(11)}m_{003}^{(00)}+2m_{100}^{(20)}m_{020}^{(20)}m_{111}^{(21)}-2m_{100}^{(20)}m_{020}^{(20)}m_{102}^{(11)}\\
&-2m_{100}^{(20)}m_{020}^{(20)}m_{021}^{(20)}+2m_{100}^{(20)}m_{020}^{(20)}m_{012}^{(10)}-2m_{100}^{(20)}m_{020}^{(21)}m_{201}^{(21)}+2m_{100}^{(20)}m_{020}^{(21)}m_{111}^{(20)}\\
&+2m_{100}^{(20)}m_{020}^{(21)}m_{102}^{(10)}-2m_{100}^{(20)}m_{020}^{(21)}m_{012}^{(00)}+m_{100}^{(20)}m_{020}^{(22)}m_{201}^{(11)}-2m_{100}^{(20)}m_{020}^{(22)}m_{111}^{(10)}\\
&+m_{100}^{(20)}m_{020}^{(22)}m_{021}^{(00)}-m_{100}^{(20)}m_{011}^{(00)}m_{030}^{(22)}+2m_{100}^{(20)}m_{011}^{(00)}m_{021}^{(21)}-m_{100}^{(20)}m_{011}^{(00)}m_{012}^{(11)}\\
&+2m_{100}^{(20)}m_{011}^{(10)}m_{120}^{(22)}-2m_{100}^{(20)}m_{011}^{(10)}m_{111}^{(21)}-2m_{100}^{(20)}m_{011}^{(10)}m_{021}^{(20)}+2m_{100}^{(20)}m_{011}^{(10)}m_{012}^{(10)}\\
&-m_{100}^{(20)}m_{011}^{(11)}m_{210}^{(22)}+2m_{100}^{(20)}m_{011}^{(11)}m_{111}^{(20)}-m_{100}^{(20)}m_{011}^{(11)}m_{012}^{(00)}-2m_{100}^{(20)}m_{011}^{(20)}m_{120}^{(21)}\\
&+2m_{100}^{(20)}m_{011}^{(20)}m_{111}^{(11)}+2m_{100}^{(20)}m_{011}^{(20)}m_{030}^{(20)}-2m_{100}^{(20)}m_{011}^{(20)}m_{021}^{(10)}+2m_{100}^{(20)}m_{011}^{(21)}m_{210}^{(21)}\\
&-2m_{100}^{(20)}m_{011}^{(21)}m_{120}^{(20)}-2m_{100}^{(20)}m_{011}^{(21)}m_{111}^{(10)}+2m_{100}^{(20)}m_{011}^{(21)}m_{021}^{(00)}-m_{100}^{(20)}m_{011}^{(22)}m_{210}^{(11)}\\
&+2m_{100}^{(20)}m_{011}^{(22)}m_{120}^{(10)}-m_{100}^{(20)}m_{011}^{(22)}m_{030}^{(00)}-m_{100}^{(21)}m_{110}^{(00)}m_{021}^{(22)}+2m_{100}^{(21)}m_{110}^{(00)}m_{012}^{(21)}\\
&-m_{100}^{(21)}m_{110}^{(00)}m_{003}^{(11)}+2m_{100}^{(21)}m_{110}^{(10)}m_{111}^{(22)}-2m_{100}^{(21)}m_{110}^{(10)}m_{102}^{(21)}-2m_{100}^{(21)}m_{110}^{(10)}m_{012}^{(20)}\\
&+2m_{100}^{(21)}m_{110}^{(10)}m_{003}^{(10)}-m_{100}^{(21)}m_{110}^{(11)}m_{201}^{(22)}+2m_{100}^{(21)}m_{110}^{(11)}m_{102}^{(20)}-m_{100}^{(21)}m_{110}^{(11)}m_{003}^{(00)}\\
&-2m_{100}^{(21)}m_{110}^{(20)}m_{111}^{(21)}+2m_{100}^{(21)}m_{110}^{(20)}m_{102}^{(11)}+2m_{100}^{(21)}m_{110}^{(20)}m_{021}^{(20)}-2m_{100}^{(21)}m_{110}^{(20)}m_{012}^{(10)}\\
&+2m_{100}^{(21)}m_{110}^{(21)}m_{201}^{(21)}-2m_{100}^{(21)}m_{110}^{(21)}m_{111}^{(20)}-2m_{100}^{(21)}m_{110}^{(21)}m_{102}^{(10)}+2m_{100}^{(21)}m_{110}^{(21)}m_{012}^{(00)}\\
&-m_{100}^{(21)}m_{110}^{(22)}m_{201}^{(11)}+2m_{100}^{(21)}m_{110}^{(22)}m_{111}^{(10)}-m_{100}^{(21)}m_{110}^{(22)}m_{021}^{(00)}-m_{100}^{(21)}m_{101}^{(00)}m_{030}^{(22)}\\
&+2m_{100}^{(21)}m_{101}^{(00)}m_{021}^{(21)}-m_{100}^{(21)}m_{101}^{(00)}m_{012}^{(11)}+2m_{100}^{(21)}m_{101}^{(10)}m_{120}^{(22)}-2m_{100}^{(21)}m_{101}^{(10)}m_{111}^{(21)}\\
&-2m_{100}^{(21)}m_{101}^{(10)}m_{021}^{(20)}+2m_{100}^{(21)}m_{101}^{(10)}m_{012}^{(10)}-m_{100}^{(21)}m_{101}^{(11)}m_{210}^{(22)}+2m_{100}^{(21)}m_{101}^{(11)}m_{111}^{(20)}\\
&-m_{100}^{(21)}m_{101}^{(11)}m_{012}^{(00)}-2m_{100}^{(21)}m_{101}^{(20)}m_{120}^{(21)}+2m_{100}^{(21)}m_{101}^{(20)}m_{111}^{(11)}+2m_{100}^{(21)}m_{101}^{(20)}m_{030}^{(20)}\\
&-2m_{100}^{(21)}m_{101}^{(20)}m_{021}^{(10)}+2m_{100}^{(21)}m_{101}^{(21)}m_{210}^{(21)}-2m_{100}^{(21)}m_{101}^{(21)}m_{120}^{(20)}-2m_{100}^{(21)}m_{101}^{(21)}m_{111}^{(10)}\\
&+2m_{100}^{(21)}m_{101}^{(21)}m_{021}^{(00)}-m_{100}^{(21)}m_{101}^{(22)}m_{210}^{(11)}+2m_{100}^{(21)}m_{101}^{(22)}m_{120}^{(10)}-m_{100}^{(21)}m_{101}^{(22)}m_{030}^{(00)}
\end{aligned}
$$

$$
\begin{aligned}
&+2m_{100}^{(21)}m_{011}^{(00)}m_{120}^{(22)} - 4m_{100}^{(21)}m_{011}^{(00)}m_{111}^{(21)} + 2m_{100}^{(21)}m_{011}^{(00)}m_{102}^{(11)} - 4m_{100}^{(21)}m_{011}^{(10)}m_{210}^{(22)}\\
&+4m_{100}^{(21)}m_{011}^{(10)}m_{201}^{(21)} + 4m_{100}^{(21)}m_{011}^{(10)}m_{111}^{(20)} - 4m_{100}^{(21)}m_{011}^{(10)}m_{102}^{(10)} + 2m_{100}^{(21)}m_{011}^{(11)}m_{300}^{(22)}\\
&-4m_{100}^{(21)}m_{011}^{(11)}m_{201}^{(20)} + 2m_{100}^{(21)}m_{011}^{(11)}m_{102}^{(00)} + 4m_{100}^{(21)}m_{011}^{(20)}m_{210}^{(21)} - 4m_{100}^{(21)}m_{011}^{(20)}m_{201}^{(11)}\\
&-4m_{100}^{(21)}m_{011}^{(20)}m_{120}^{(20)} + 4m_{100}^{(21)}m_{011}^{(20)}m_{111}^{(10)} - 4m_{100}^{(21)}m_{011}^{(21)}m_{300}^{(21)} + 4m_{100}^{(21)}m_{011}^{(21)}m_{210}^{(20)}\\
&+4m_{100}^{(21)}m_{011}^{(21)}m_{201}^{(10)} - 4m_{100}^{(21)}m_{011}^{(21)}m_{111}^{(00)} + 2m_{100}^{(21)}m_{011}^{(22)}m_{300}^{(11)} - 4m_{100}^{(21)}m_{011}^{(22)}m_{210}^{(10)}\\
&+2m_{100}^{(21)}m_{011}^{(22)}m_{120}^{(00)} + m_{100}^{(22)}m_{110}^{(00)}m_{030}^{(22)} - 2m_{100}^{(22)}m_{110}^{(00)}m_{021}^{(21)} + m_{100}^{(22)}m_{110}^{(00)}m_{012}^{(11)}\\
&-2m_{100}^{(22)}m_{110}^{(10)}m_{120}^{(22)} + 2m_{100}^{(22)}m_{110}^{(10)}m_{111}^{(21)} + 2m_{100}^{(22)}m_{110}^{(10)}m_{021}^{(20)} - 2m_{100}^{(22)}m_{110}^{(10)}m_{012}^{(10)}\\
&+m_{100}^{(22)}m_{110}^{(11)}m_{210}^{(22)} - 2m_{100}^{(22)}m_{110}^{(11)}m_{111}^{(20)} + m_{100}^{(22)}m_{110}^{(11)}m_{012}^{(00)} + 2m_{100}^{(22)}m_{110}^{(20)}m_{120}^{(21)}\\
&-2m_{100}^{(22)}m_{110}^{(20)}m_{111}^{(11)} - 2m_{100}^{(22)}m_{110}^{(20)}m_{030}^{(20)} + 2m_{100}^{(22)}m_{110}^{(20)}m_{021}^{(10)} - 2m_{100}^{(22)}m_{110}^{(21)}m_{210}^{(21)}\\
&+2m_{100}^{(22)}m_{110}^{(21)}m_{120}^{(20)} + 2m_{100}^{(22)}m_{110}^{(21)}m_{111}^{(10)} - 2m_{100}^{(22)}m_{110}^{(21)}m_{021}^{(00)} + m_{100}^{(22)}m_{110}^{(22)}m_{210}^{(11)}\\
&-2m_{100}^{(22)}m_{110}^{(22)}m_{120}^{(10)} + m_{100}^{(22)}m_{110}^{(22)}m_{030}^{(00)} - m_{100}^{(22)}m_{020}^{(00)}m_{120}^{(22)} + 2m_{100}^{(22)}m_{020}^{(00)}m_{111}^{(21)}\\
&-m_{100}^{(22)}m_{020}^{(00)}m_{102}^{(11)} + 2m_{100}^{(22)}m_{020}^{(10)}m_{210}^{(22)} - 2m_{100}^{(22)}m_{020}^{(10)}m_{201}^{(21)} - 2m_{100}^{(22)}m_{020}^{(10)}m_{111}^{(20)}\\
&+2m_{100}^{(22)}m_{020}^{(10)}m_{102}^{(10)} - m_{100}^{(22)}m_{020}^{(11)}m_{300}^{(22)} + 2m_{100}^{(22)}m_{020}^{(11)}m_{201}^{(20)} - m_{100}^{(22)}m_{020}^{(11)}m_{102}^{(00)}\\
&-2m_{100}^{(22)}m_{020}^{(20)}m_{210}^{(21)} + 2m_{100}^{(22)}m_{020}^{(20)}m_{201}^{(11)} + 2m_{100}^{(22)}m_{020}^{(20)}m_{120}^{(20)} - 2m_{100}^{(22)}m_{020}^{(20)}m_{111}^{(10)}\\
&+2m_{100}^{(22)}m_{020}^{(21)}m_{300}^{(21)} - 2m_{100}^{(22)}m_{020}^{(21)}m_{210}^{(20)} - 2m_{100}^{(22)}m_{020}^{(21)}m_{201}^{(10)} + 2m_{100}^{(22)}m_{020}^{(21)}m_{111}^{(00)}\\
&-m_{100}^{(22)}m_{020}^{(22)}m_{300}^{(11)} + 2m_{100}^{(22)}m_{020}^{(22)}m_{210}^{(10)} - m_{100}^{(22)}m_{020}^{(22)}m_{120}^{(00)} + m_{010}^{(00)}m_{011}^{(00)}m_{021}^{(22)}\\
&-2m_{010}^{(00)}m_{011}^{(00)}m_{012}^{(21)} + m_{010}^{(00)}m_{011}^{(00)}m_{003}^{(11)} - 2m_{010}^{(00)}m_{011}^{(10)}m_{111}^{(22)} + 2m_{010}^{(00)}m_{011}^{(10)}m_{102}^{(21)}\\
&+2m_{010}^{(00)}m_{011}^{(10)}m_{012}^{(20)} - 2m_{010}^{(00)}m_{011}^{(10)}m_{003}^{(10)} + m_{010}^{(00)}m_{011}^{(11)}m_{201}^{(22)} - 2m_{010}^{(00)}m_{011}^{(11)}m_{102}^{(20)}\\
&+m_{010}^{(00)}m_{011}^{(11)}m_{003}^{(00)} + 2m_{010}^{(00)}m_{011}^{(20)}m_{111}^{(21)} - 2m_{010}^{(00)}m_{011}^{(20)}m_{102}^{(11)} - 2m_{010}^{(00)}m_{011}^{(20)}m_{021}^{(20)}\\
&+2m_{010}^{(00)}m_{011}^{(20)}m_{012}^{(10)} - 2m_{010}^{(00)}m_{011}^{(21)}m_{201}^{(21)} + 2m_{010}^{(00)}m_{011}^{(21)}m_{111}^{(20)} + 2m_{010}^{(00)}m_{011}^{(21)}m_{102}^{(10)}\\
&-2m_{010}^{(00)}m_{011}^{(21)}m_{012}^{(00)} + m_{010}^{(00)}m_{011}^{(22)}m_{201}^{(11)} - 2m_{010}^{(00)}m_{011}^{(22)}m_{111}^{(10)} + m_{010}^{(00)}m_{011}^{(22)}m_{021}^{(00)}\\
&-m_{010}^{(00)}m_{002}^{(00)}m_{030}^{(22)} + 2m_{010}^{(00)}m_{002}^{(00)}m_{021}^{(21)} - m_{010}^{(00)}m_{002}^{(00)}m_{012}^{(11)} + 2m_{010}^{(00)}m_{002}^{(10)}m_{120}^{(22)}\\
&-2m_{010}^{(00)}m_{002}^{(10)}m_{111}^{(21)} - 2m_{010}^{(00)}m_{002}^{(10)}m_{021}^{(20)} + 2m_{010}^{(00)}m_{002}^{(10)}m_{012}^{(10)} - m_{010}^{(00)}m_{002}^{(11)}m_{210}^{(22)}\\
&+2m_{010}^{(00)}m_{002}^{(11)}m_{111}^{(20)} - m_{010}^{(00)}m_{002}^{(11)}m_{012}^{(00)} - 2m_{010}^{(00)}m_{002}^{(20)}m_{120}^{(21)} + 2m_{010}^{(00)}m_{002}^{(20)}m_{111}^{(11)}\\
&+2m_{010}^{(00)}m_{002}^{(20)}m_{030}^{(20)} - 2m_{010}^{(00)}m_{002}^{(20)}m_{021}^{(10)} + 2m_{010}^{(00)}m_{002}^{(21)}m_{210}^{(21)} - 2m_{010}^{(00)}m_{002}^{(21)}m_{120}^{(20)}\\
&-2m_{010}^{(00)}m_{002}^{(21)}m_{111}^{(10)} + 2m_{010}^{(00)}m_{002}^{(21)}m_{021}^{(00)} - m_{010}^{(00)}m_{002}^{(22)}m_{111}^{(11)} + 2m_{010}^{(00)}m_{002}^{(22)}m_{120}^{(10)}\\
&-m_{010}^{(00)}m_{002}^{(22)}m_{030}^{(00)} - m_{010}^{(10)}m_{101}^{(00)}m_{021}^{(22)} + 2m_{010}^{(10)}m_{101}^{(00)}m_{012}^{(21)} - m_{010}^{(10)}m_{101}^{(00)}m_{003}^{(11)}\\
&+2m_{010}^{(10)}m_{101}^{(10)}m_{111}^{(22)} - 2m_{010}^{(10)}m_{101}^{(10)}m_{102}^{(21)} - 2m_{010}^{(10)}m_{101}^{(10)}m_{012}^{(20)} + 2m_{010}^{(10)}m_{101}^{(10)}m_{003}^{(10)}\\
&-m_{010}^{(10)}m_{101}^{(11)}m_{201}^{(22)} + 2m_{010}^{(10)}m_{101}^{(11)}m_{102}^{(20)} - m_{010}^{(10)}m_{101}^{(11)}m_{003}^{(00)} - 2m_{010}^{(10)}m_{101}^{(20)}m_{111}^{(21)}\\
&+2m_{010}^{(10)}m_{101}^{(20)}m_{102}^{(11)} + 2m_{010}^{(10)}m_{101}^{(20)}m_{021}^{(20)} - 2m_{010}^{(10)}m_{101}^{(20)}m_{012}^{(10)} + 2m_{010}^{(10)}m_{101}^{(21)}m_{201}^{(21)}\\
&-2m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(20)} - 2m_{010}^{(10)}m_{101}^{(21)}m_{102}^{(10)} + 2m_{010}^{(10)}m_{101}^{(21)}m_{012}^{(00)} - m_{010}^{(10)}m_{101}^{(22)}m_{201}^{(11)}\\
&+2m_{010}^{(10)}m_{101}^{(22)}m_{111}^{(10)} - m_{010}^{(10)}m_{101}^{(22)}m_{021}^{(00)} + m_{010}^{(10)}m_{002}^{(00)}m_{120}^{(22)} - 2m_{010}^{(10)}m_{002}^{(00)}m_{111}^{(21)}\\
&+m_{010}^{(10)}m_{002}^{(00)}m_{102}^{(11)} - 2m_{010}^{(10)}m_{002}^{(10)}m_{210}^{(22)} + 2m_{010}^{(10)}m_{002}^{(10)}m_{201}^{(21)} + 2m_{010}^{(10)}m_{002}^{(10)}m_{111}^{(20)}\\
&-2m_{010}^{(10)}m_{002}^{(10)}m_{102}^{(10)} + m_{010}^{(10)}m_{002}^{(11)}m_{300}^{(22)} - 2m_{010}^{(10)}m_{002}^{(11)}m_{201}^{(20)} + m_{010}^{(10)}m_{002}^{(11)}m_{102}^{(00)}\\
&+2m_{010}^{(10)}m_{002}^{(20)}m_{210}^{(21)} - 2m_{010}^{(10)}m_{002}^{(20)}m_{201}^{(11)} - 2m_{010}^{(10)}m_{002}^{(20)}m_{120}^{(20)} + 2m_{010}^{(10)}m_{002}^{(20)}m_{111}^{(10)}\\
&-2m_{010}^{(10)}m_{002}^{(21)}m_{300}^{(21)} + 2m_{010}^{(10)}m_{002}^{(21)}m_{210}^{(20)} + 2m_{010}^{(10)}m_{002}^{(21)}m_{201}^{(10)} - 2m_{010}^{(10)}m_{002}^{(21)}m_{111}^{(00)}\\
&+m_{010}^{(10)}m_{002}^{(22)}m_{300}^{(11)} - 2m_{010}^{(10)}m_{002}^{(22)}m_{210}^{(10)} + m_{010}^{(10)}m_{002}^{(22)}m_{120}^{(00)} - m_{010}^{(20)}m_{110}^{(00)}m_{021}^{(22)}\\
&+2m_{010}^{(20)}m_{110}^{(00)}m_{012}^{(21)} - m_{010}^{(20)}m_{110}^{(00)}m_{003}^{(11)} + 2m_{010}^{(20)}m_{110}^{(10)}m_{111}^{(22)} - 2m_{010}^{(20)}m_{110}^{(10)}m_{102}^{(21)}
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\begin{aligned}
&-2m_{010}^{(20)}m_{110}^{(10)}m_{012}^{(20)} + 2m_{010}^{(20)}m_{110}^{(10)}m_{003}^{(10)} - m_{010}^{(20)}m_{110}^{(11)}m_{201}^{(22)} + 2m_{010}^{(20)}m_{110}^{(11)}m_{102}^{(20)}\\
&-m_{010}^{(20)}m_{110}^{(11)}m_{003}^{(00)} - 2m_{010}^{(20)}m_{110}^{(20)}m_{111}^{(21)} + 2m_{010}^{(20)}m_{110}^{(20)}m_{102}^{(11)} + 2m_{010}^{(20)}m_{110}^{(20)}m_{021}^{(20)}\\
&-2m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(10)} + 2m_{010}^{(20)}m_{110}^{(21)}m_{201}^{(21)} - 2m_{010}^{(20)}m_{110}^{(21)}m_{111}^{(20)} - 2m_{010}^{(20)}m_{110}^{(21)}m_{102}^{(10)}\\
&+2m_{010}^{(20)}m_{110}^{(21)}m_{012}^{(00)} - m_{010}^{(20)}m_{110}^{(22)}m_{201}^{(11)} + 2m_{010}^{(20)}m_{110}^{(22)}m_{111}^{(10)} - m_{010}^{(20)}m_{110}^{(22)}m_{021}^{(00)}\\
&+2m_{010}^{(20)}m_{101}^{(00)}m_{030}^{(22)} - 4m_{010}^{(20)}m_{101}^{(00)}m_{021}^{(21)} + 2m_{010}^{(20)}m_{101}^{(00)}m_{012}^{(11)} - 4m_{010}^{(20)}m_{101}^{(10)}m_{120}^{(22)}\\
&+4m_{010}^{(20)}m_{101}^{(10)}m_{111}^{(21)} + 4m_{010}^{(20)}m_{101}^{(10)}m_{021}^{(20)} - 4m_{010}^{(20)}m_{101}^{(10)}m_{012}^{(10)} + 2m_{010}^{(20)}m_{101}^{(11)}m_{210}^{(22)}\\
&-4m_{010}^{(20)}m_{101}^{(11)}m_{111}^{(20)} + 2m_{010}^{(20)}m_{101}^{(11)}m_{012}^{(00)} + 4m_{010}^{(20)}m_{101}^{(20)}m_{120}^{(21)} - 4m_{010}^{(20)}m_{101}^{(20)}m_{111}^{(11)}\\
&-4m_{010}^{(20)}m_{101}^{(20)}m_{030}^{(20)} + 4m_{010}^{(20)}m_{101}^{(20)}m_{021}^{(10)} - 4m_{010}^{(20)}m_{101}^{(21)}m_{210}^{(21)} + 4m_{010}^{(20)}m_{101}^{(21)}m_{120}^{(20)}\\
&+4m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(10)} - 4m_{010}^{(20)}m_{101}^{(21)}m_{021}^{(00)} + 2m_{010}^{(20)}m_{101}^{(22)}m_{210}^{(11)} - 4m_{010}^{(20)}m_{101}^{(22)}m_{120}^{(10)}\\
&+2m_{010}^{(20)}m_{101}^{(22)}m_{030}^{(00)} - m_{010}^{(20)}m_{011}^{(00)}m_{120}^{(22)} + 2m_{010}^{(20)}m_{011}^{(00)}m_{111}^{(21)} - m_{010}^{(20)}m_{011}^{(00)}m_{102}^{(11)}\\
&+2m_{010}^{(20)}m_{011}^{(10)}m_{210}^{(22)} - 2m_{010}^{(20)}m_{011}^{(10)}m_{201}^{(21)} - 2m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(20)} + 2m_{010}^{(20)}m_{011}^{(10)}m_{102}^{(10)}\\
&-m_{010}^{(20)}m_{011}^{(11)}m_{300}^{(22)} + 2m_{010}^{(20)}m_{011}^{(11)}m_{201}^{(20)} - m_{010}^{(20)}m_{011}^{(11)}m_{102}^{(00)} - 2m_{010}^{(20)}m_{011}^{(20)}m_{210}^{(21)}\\
&+2m_{010}^{(20)}m_{011}^{(20)}m_{201}^{(11)} + 2m_{010}^{(20)}m_{011}^{(20)}m_{120}^{(20)} - 2m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(10)} + 2m_{010}^{(20)}m_{011}^{(21)}m_{300}^{(21)}\\
&-2m_{010}^{(20)}m_{011}^{(21)}m_{210}^{(20)} - 2m_{010}^{(20)}m_{011}^{(21)}m_{201}^{(10)} + 2m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(00)} - m_{010}^{(20)}m_{011}^{(22)}m_{300}^{(11)}\\
&+2m_{010}^{(20)}m_{011}^{(22)}m_{210}^{(10)} - m_{010}^{(20)}m_{011}^{(22)}m_{120}^{(00)} + m_{010}^{(21)}m_{200}^{(00)}m_{021}^{(22)} - 2m_{010}^{(21)}m_{200}^{(00)}m_{012}^{(21)}\\
&+m_{010}^{(21)}m_{200}^{(00)}m_{003}^{(11)} - 2m_{010}^{(21)}m_{200}^{(10)}m_{111}^{(22)} + 2m_{010}^{(21)}m_{200}^{(10)}m_{102}^{(21)} + 2m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(20)}\\
&-2m_{010}^{(21)}m_{200}^{(10)}m_{003}^{(10)} + m_{010}^{(21)}m_{200}^{(11)}m_{201}^{(22)} - 2m_{010}^{(21)}m_{200}^{(11)}m_{102}^{(20)} + m_{010}^{(21)}m_{200}^{(11)}m_{003}^{(00)}\\
&+2m_{010}^{(21)}m_{200}^{(20)}m_{111}^{(21)} - 2m_{010}^{(21)}m_{200}^{(20)}m_{102}^{(11)} - 2m_{010}^{(21)}m_{200}^{(20)}m_{021}^{(20)} + 2m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(10)}\\
&-2m_{010}^{(21)}m_{200}^{(21)}m_{201}^{(21)} + 2m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(20)} + 2m_{010}^{(21)}m_{200}^{(21)}m_{102}^{(10)} - 2m_{010}^{(21)}m_{200}^{(21)}m_{012}^{(00)}\\
&+m_{010}^{(21)}m_{200}^{(22)}m_{201}^{(11)} - 2m_{010}^{(21)}m_{200}^{(22)}m_{111}^{(10)} + m_{010}^{(21)}m_{200}^{(22)}m_{021}^{(00)} - m_{010}^{(21)}m_{101}^{(00)}m_{120}^{(22)}\\
&+2m_{010}^{(21)}m_{101}^{(00)}m_{111}^{(21)} - m_{010}^{(21)}m_{101}^{(00)}m_{102}^{(11)} + 2m_{010}^{(21)}m_{101}^{(10)}m_{210}^{(22)} - 2m_{010}^{(21)}m_{101}^{(10)}m_{201}^{(21)}\\
&-2m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(20)} + 2m_{010}^{(21)}m_{101}^{(10)}m_{102}^{(10)} - m_{010}^{(21)}m_{101}^{(11)}m_{300}^{(22)} + 2m_{010}^{(21)}m_{101}^{(11)}m_{201}^{(20)}\\
&-m_{010}^{(21)}m_{101}^{(11)}m_{102}^{(00)} - 2m_{010}^{(21)}m_{101}^{(20)}m_{210}^{(21)} + 2m_{010}^{(21)}m_{101}^{(20)}m_{201}^{(11)} + 2m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(20)}\\
&-2m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(10)} + 2m_{010}^{(21)}m_{101}^{(21)}m_{300}^{(21)} - 2m_{010}^{(21)}m_{101}^{(21)}m_{210}^{(20)} - 2m_{010}^{(21)}m_{101}^{(21)}m_{201}^{(10)}\\
&+2m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(00)} - m_{010}^{(21)}m_{101}^{(22)}m_{300}^{(11)} + 2m_{010}^{(21)}m_{101}^{(22)}m_{210}^{(10)} - m_{010}^{(21)}m_{101}^{(22)}m_{120}^{(00)}\\
&-m_{010}^{(22)}m_{200}^{(00)}m_{030}^{(22)} + 2m_{010}^{(22)}m_{200}^{(00)}m_{021}^{(21)} - m_{010}^{(22)}m_{200}^{(00)}m_{012}^{(11)} + 2m_{010}^{(22)}m_{200}^{(10)}m_{120}^{(22)}\\
&-2m_{010}^{(22)}m_{200}^{(10)}m_{111}^{(21)} - 2m_{010}^{(22)}m_{200}^{(10)}m_{021}^{(20)} + 2m_{010}^{(22)}m_{200}^{(10)}m_{012}^{(10)} - m_{010}^{(22)}m_{200}^{(11)}m_{210}^{(22)}\\
&+2m_{010}^{(22)}m_{200}^{(11)}m_{111}^{(20)} - m_{010}^{(22)}m_{200}^{(11)}m_{012}^{(00)} - 2m_{010}^{(22)}m_{200}^{(20)}m_{120}^{(21)} + 2m_{010}^{(22)}m_{200}^{(20)}m_{111}^{(11)}\\
&+2m_{010}^{(22)}m_{200}^{(20)}m_{030}^{(20)} - 2m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(10)} + 2m_{010}^{(22)}m_{200}^{(21)}m_{210}^{(21)} - 2m_{010}^{(22)}m_{200}^{(21)}m_{120}^{(20)}\\
&-2m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(10)} + 2m_{010}^{(22)}m_{200}^{(21)}m_{021}^{(00)} - m_{010}^{(22)}m_{200}^{(22)}m_{210}^{(11)} + 2m_{010}^{(22)}m_{200}^{(22)}m_{120}^{(10)}\\
&-m_{010}^{(22)}m_{200}^{(22)}m_{030}^{(00)} + m_{010}^{(22)}m_{110}^{(00)}m_{120}^{(22)} - 2m_{010}^{(22)}m_{110}^{(00)}m_{111}^{(21)} + m_{010}^{(22)}m_{110}^{(00)}m_{102}^{(11)}\\
&-2m_{010}^{(22)}m_{110}^{(10)}m_{210}^{(22)} + 2m_{010}^{(22)}m_{110}^{(10)}m_{201}^{(21)} + 2m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(20)} - 2m_{010}^{(22)}m_{110}^{(10)}m_{102}^{(10)}\\
&+m_{010}^{(22)}m_{110}^{(11)}m_{300}^{(22)} - 2m_{010}^{(22)}m_{110}^{(11)}m_{201}^{(20)} + m_{010}^{(22)}m_{110}^{(11)}m_{102}^{(00)} + 2m_{010}^{(22)}m_{110}^{(20)}m_{210}^{(21)}\\
&-2m_{010}^{(22)}m_{110}^{(20)}m_{201}^{(11)} - 2m_{010}^{(22)}m_{110}^{(20)}m_{120}^{(20)} + 2m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(10)} - 2m_{010}^{(22)}m_{110}^{(21)}m_{300}^{(21)}\\
&+2m_{010}^{(22)}m_{110}^{(21)}m_{210}^{(20)} + 2m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(10)} - 2m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(00)} + m_{010}^{(22)}m_{110}^{(22)}m_{300}^{(11)}\\
&-2m_{010}^{(22)}m_{110}^{(22)}m_{210}^{(10)} + m_{010}^{(22)}m_{110}^{(22)}m_{120}^{(00)} - m_{001}^{(00)}m_{020}^{(00)}m_{021}^{(22)} + 2m_{001}^{(00)}m_{020}^{(00)}m_{012}^{(21)}\\
&-m_{001}^{(00)}m_{020}^{(00)}m_{003}^{(11)} + 2m_{001}^{(00)}m_{020}^{(10)}m_{111}^{(22)} - 2m_{001}^{(00)}m_{020}^{(10)}m_{102}^{(21)} - 2m_{001}^{(00)}m_{020}^{(10)}m_{012}^{(20)}\\
&+2m_{001}^{(00)}m_{020}^{(10)}m_{003}^{(10)} - m_{001}^{(00)}m_{020}^{(11)}m_{201}^{(22)} + 2m_{001}^{(00)}m_{020}^{(11)}m_{102}^{(20)} - m_{001}^{(00)}m_{020}^{(11)}m_{003}^{(00)}
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&-2m_{001}^{(00)}m_{020}^{(20)}m_{111}^{(21)}+2m_{001}^{(00)}m_{020}^{(20)}m_{102}^{(11)}+2m_{001}^{(00)}m_{020}^{(20)}m_{021}^{(20)}-2m_{001}^{(00)}m_{020}^{(20)}m_{012}^{(10)}\\
&+2m_{001}^{(00)}m_{020}^{(21)}m_{201}^{(21)}-2m_{001}^{(00)}m_{020}^{(21)}m_{111}^{(20)}-2m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(10)}+2m_{001}^{(00)}m_{020}^{(21)}m_{012}^{(00)}\\
&-m_{001}^{(00)}m_{020}^{(22)}m_{201}^{(11)}+2m_{001}^{(00)}m_{020}^{(22)}m_{111}^{(10)}-m_{001}^{(00)}m_{020}^{(22)}m_{021}^{(00)}+m_{001}^{(00)}m_{011}^{(00)}m_{030}^{(22)}\\
&-2m_{001}^{(00)}m_{011}^{(00)}m_{021}^{(21)}+m_{001}^{(00)}m_{011}^{(00)}m_{012}^{(11)}-2m_{001}^{(00)}m_{011}^{(10)}m_{120}^{(22)}+2m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(21)}\\
&+2m_{001}^{(00)}m_{011}^{(10)}m_{021}^{(20)}-2m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(10)}+m_{001}^{(00)}m_{011}^{(11)}m_{210}^{(22)}-2m_{001}^{(00)}m_{011}^{(11)}m_{111}^{(20)}\\
&+m_{001}^{(00)}m_{011}^{(11)}m_{012}^{(00)}+2m_{001}^{(00)}m_{011}^{(20)}m_{120}^{(21)}-2m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(11)}-2m_{001}^{(00)}m_{011}^{(20)}m_{030}^{(20)}\\
&+2m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(10)}-2m_{001}^{(00)}m_{011}^{(21)}m_{210}^{(21)}+2m_{001}^{(00)}m_{011}^{(21)}m_{120}^{(20)}+2m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(10)}\\
&-2m_{001}^{(00)}m_{011}^{(21)}m_{021}^{(00)}+m_{001}^{(00)}m_{011}^{(22)}m_{210}^{(11)}-2m_{001}^{(00)}m_{011}^{(22)}m_{120}^{(10)}+m_{001}^{(00)}m_{011}^{(22)}m_{030}^{(00)}\\
&+2m_{001}^{(10)}m_{110}^{(00)}m_{021}^{(22)}-4m_{001}^{(10)}m_{110}^{(00)}m_{012}^{(21)}+2m_{001}^{(10)}m_{110}^{(00)}m_{003}^{(11)}-4m_{001}^{(10)}m_{110}^{(10)}m_{111}^{(22)}\\
&+4m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(21)}+4m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(20)}-4m_{001}^{(10)}m_{110}^{(10)}m_{003}^{(10)}+2m_{001}^{(10)}m_{110}^{(11)}m_{201}^{(22)}\\
&-4m_{001}^{(10)}m_{110}^{(11)}m_{102}^{(20)}+2m_{001}^{(10)}m_{110}^{(11)}m_{003}^{(00)}+4m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(21)}-4m_{001}^{(10)}m_{110}^{(20)}m_{102}^{(11)}\\
&-4m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(20)}+4m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(10)}-4m_{001}^{(10)}m_{110}^{(21)}m_{201}^{(21)}+4m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(20)}\\
&+4m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(10)}-4m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(00)}+2m_{001}^{(10)}m_{110}^{(22)}m_{201}^{(11)}-4m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(10)}\\
&+2m_{001}^{(10)}m_{110}^{(22)}m_{021}^{(00)}-m_{001}^{(10)}m_{101}^{(00)}m_{030}^{(22)}+2m_{001}^{(10)}m_{101}^{(00)}m_{021}^{(21)}-m_{001}^{(10)}m_{101}^{(00)}m_{012}^{(11)}\\
&+2m_{001}^{(10)}m_{101}^{(10)}m_{120}^{(22)}-2m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(21)}-2m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(20)}+2m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(10)}\\
&-m_{001}^{(10)}m_{101}^{(11)}m_{210}^{(22)}+2m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(20)}-m_{001}^{(10)}m_{101}^{(11)}m_{012}^{(00)}-2m_{001}^{(10)}m_{101}^{(20)}m_{120}^{(21)}\\
&+2m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(11)}+2m_{001}^{(10)}m_{101}^{(20)}m_{030}^{(20)}-2m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(10)}+2m_{001}^{(10)}m_{101}^{(21)}m_{210}^{(21)}\\
&-2m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(20)}-2m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(10)}+2m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(00)}-m_{001}^{(10)}m_{101}^{(22)}m_{210}^{(11)}\\
&+2m_{001}^{(10)}m_{101}^{(22)}m_{120}^{(10)}-m_{001}^{(10)}m_{101}^{(22)}m_{030}^{(00)}-m_{001}^{(10)}m_{011}^{(00)}m_{120}^{(22)}+2m_{001}^{(10)}m_{011}^{(00)}m_{111}^{(21)}\\
&-m_{001}^{(10)}m_{011}^{(00)}m_{102}^{(11)}+2m_{001}^{(10)}m_{011}^{(10)}m_{210}^{(22)}-2m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(21)}-2m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(20)}\\
&+2m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(10)}-m_{001}^{(10)}m_{011}^{(11)}m_{300}^{(22)}+2m_{001}^{(10)}m_{011}^{(11)}m_{201}^{(20)}-m_{001}^{(10)}m_{011}^{(11)}m_{102}^{(00)}\\
&-2m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(21)}+2m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(11)}+2m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(20)}-2m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(10)}\\
&+2m_{001}^{(10)}m_{011}^{(21)}m_{300}^{(21)}-2m_{001}^{(10)}m_{011}^{(21)}m_{210}^{(20)}-2m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(10)}+2m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(00)}\\
&-m_{001}^{(10)}m_{011}^{(22)}m_{300}^{(11)}+2m_{001}^{(10)}m_{011}^{(22)}m_{210}^{(10)}-m_{001}^{(10)}m_{011}^{(22)}m_{120}^{(00)}-m_{001}^{(11)}m_{200}^{(00)}m_{021}^{(22)}\\
&+2m_{001}^{(11)}m_{200}^{(00)}m_{012}^{(21)}-m_{001}^{(11)}m_{200}^{(00)}m_{003}^{(11)}+2m_{001}^{(11)}m_{200}^{(10)}m_{111}^{(22)}-2m_{001}^{(11)}m_{200}^{(10)}m_{102}^{(21)}\\
&-2m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(20)}+2m_{001}^{(11)}m_{200}^{(10)}m_{003}^{(10)}-m_{001}^{(11)}m_{200}^{(11)}m_{201}^{(22)}+2m_{001}^{(11)}m_{200}^{(11)}m_{102}^{(20)}\\
&-m_{001}^{(11)}m_{200}^{(11)}m_{003}^{(00)}-2m_{001}^{(11)}m_{200}^{(20)}m_{111}^{(21)}+2m_{001}^{(11)}m_{200}^{(20)}m_{102}^{(11)}+2m_{001}^{(11)}m_{200}^{(20)}m_{021}^{(20)}\\
&-2m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(10)}+2m_{001}^{(11)}m_{200}^{(21)}m_{201}^{(21)}-2m_{001}^{(11)}m_{200}^{(21)}m_{111}^{(20)}-2m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(10)}\\
&+2m_{001}^{(11)}m_{200}^{(21)}m_{012}^{(00)}-m_{001}^{(11)}m_{200}^{(22)}m_{201}^{(11)}+2m_{001}^{(11)}m_{200}^{(22)}m_{111}^{(10)}-m_{001}^{(11)}m_{200}^{(22)}m_{021}^{(00)}\\
&+m_{001}^{(11)}m_{101}^{(00)}m_{120}^{(22)}-2m_{001}^{(11)}m_{101}^{(00)}m_{111}^{(21)}+m_{001}^{(11)}m_{101}^{(00)}m_{102}^{(11)}-2m_{001}^{(11)}m_{101}^{(10)}m_{210}^{(22)}\\
&+2m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(21)}+2m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(20)}-2m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(10)}+m_{001}^{(11)}m_{101}^{(11)}m_{300}^{(22)}\\
&-2m_{001}^{(11)}m_{101}^{(11)}m_{201}^{(20)}+m_{001}^{(11)}m_{101}^{(11)}m_{102}^{(00)}+2m_{001}^{(11)}m_{101}^{(20)}m_{210}^{(21)}-2m_{001}^{(11)}m_{101}^{(20)}m_{201}^{(11)}\\
&-2m_{001}^{(11)}m_{101}^{(20)}m_{120}^{(20)}+2m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(10)}-2m_{001}^{(11)}m_{101}^{(21)}m_{300}^{(21)}+2m_{001}^{(11)}m_{101}^{(21)}m_{210}^{(20)}\\
&+2m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(10)}-2m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(00)}+m_{001}^{(11)}m_{101}^{(22)}m_{300}^{(11)}-2m_{001}^{(11)}m_{101}^{(22)}m_{210}^{(10)}\\
&+m_{001}^{(11)}m_{101}^{(22)}m_{120}^{(00)}-m_{001}^{(20)}m_{110}^{(00)}m_{030}^{(22)}+2m_{001}^{(20)}m_{110}^{(00)}m_{021}^{(21)}-m_{001}^{(20)}m_{110}^{(00)}m_{012}^{(11)}\\
&+2m_{001}^{(20)}m_{110}^{(10)}m_{120}^{(22)}-2m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(21)}-2m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(20)}+2m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(10)}\\
&-m_{001}^{(20)}m_{110}^{(11)}m_{210}^{(22)}+2m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(20)}-m_{001}^{(20)}m_{110}^{(11)}m_{012}^{(00)}-2m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(21)}\\
&+2m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(11)}+2m_{001}^{(20)}m_{110}^{(20)}m_{030}^{(20)}-2m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(10)}+2m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(21)}
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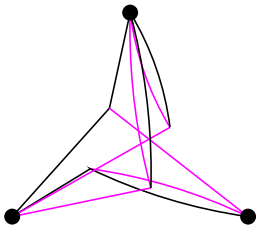
\begin{aligned}
&-2m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(20)} - 2m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(10)} + 2m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(00)} - m_{001}^{(20)}m_{110}^{(22)}m_{210}^{(11)}\\
&+2m_{001}^{(20)}m_{110}^{(22)}m_{120}^{(10)} - m_{001}^{(20)}m_{110}^{(22)}m_{030}^{(00)} + m_{001}^{(20)}m_{020}^{(00)}m_{120}^{(22)} - 2m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(21)}\\
&+m_{001}^{(20)}m_{020}^{(00)}m_{102}^{(11)} - 2m_{001}^{(20)}m_{020}^{(10)}m_{210}^{(22)} + 2m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(21)} + 2m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(20)}\\
&-2m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(10)} + m_{001}^{(20)}m_{020}^{(11)}m_{300}^{(22)} - 2m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(20)} + m_{001}^{(20)}m_{020}^{(11)}m_{102}^{(00)}\\
&+2m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(21)} - 2m_{001}^{(20)}m_{020}^{(20)}m_{201}^{(11)} - 2m_{001}^{(20)}m_{020}^{(20)}m_{120}^{(20)} + 2m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(10)}\\
&-2m_{001}^{(20)}m_{020}^{(21)}m_{300}^{(21)} + 2m_{001}^{(20)}m_{020}^{(21)}m_{210}^{(20)} + 2m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(10)} - 2m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(00)}\\
&+m_{001}^{(20)}m_{020}^{(22)}m_{300}^{(11)} - 2m_{001}^{(20)}m_{020}^{(22)}m_{210}^{(10)} + m_{001}^{(20)}m_{020}^{(22)}m_{120}^{(00)} + m_{001}^{(21)}m_{200}^{(00)}m_{030}^{(22)}\\
&-2m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(21)} + m_{001}^{(21)}m_{200}^{(00)}m_{012}^{(11)} - 2m_{001}^{(21)}m_{200}^{(10)}m_{120}^{(22)} + 2m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(21)}\\
&+2m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(20)} - 2m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(10)} + m_{001}^{(21)}m_{200}^{(11)}m_{210}^{(22)} - 2m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(20)}\\
&+m_{001}^{(21)}m_{200}^{(11)}m_{012}^{(00)} + 2m_{001}^{(21)}m_{200}^{(20)}m_{120}^{(21)} - 2m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(11)} - 2m_{001}^{(21)}m_{200}^{(20)}m_{030}^{(20)}\\
&+2m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(10)} - 2m_{001}^{(21)}m_{200}^{(21)}m_{210}^{(21)} + 2m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(20)} + 2m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(10)}\\
&-2m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(00)} + m_{001}^{(21)}m_{200}^{(22)}m_{210}^{(11)} - 2m_{001}^{(21)}m_{200}^{(22)}m_{120}^{(10)} + m_{001}^{(21)}m_{200}^{(22)}m_{030}^{(00)}\\
&-m_{001}^{(21)}m_{110}^{(00)}m_{120}^{(22)} + 2m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(21)} - m_{001}^{(21)}m_{110}^{(00)}m_{102}^{(11)} + 2m_{001}^{(21)}m_{110}^{(10)}m_{210}^{(22)}\\
&-2m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(21)} - 2m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(20)} + 2m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(10)} - m_{001}^{(21)}m_{110}^{(11)}m_{300}^{(22)}\\
&+2m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(20)} - m_{001}^{(21)}m_{110}^{(11)}m_{102}^{(00)} - 2m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(21)} + 2m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(11)}\\
&+2m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(20)} - 2m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(10)} + 2m_{001}^{(21)}m_{110}^{(21)}m_{300}^{(21)} - 2m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(20)}\\
&-2m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(10)} + 2m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(00)} - m_{001}^{(21)}m_{110}^{(22)}m_{300}^{(11)} + 2m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(10)}\\
&-m_{001}^{(21)}m_{110}^{(22)}m_{120}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & V1 & 1 & 1\\
V2 & V2 & 2 & V3\\
2 & 2 & V3 & 3
\end{array}
$$



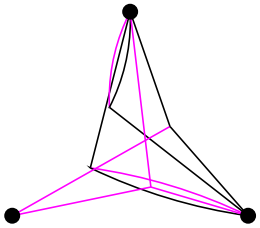
$$
\begin{aligned}
T_{85} \;=\;& m_{000}^{(00)}m_{210}^{(11)}m_{012}^{(22)} - m_{000}^{(00)}m_{210}^{(11)}m_{003}^{(21)} - m_{000}^{(00)}m_{210}^{(21)}m_{021}^{(22)} + m_{000}^{(00)}m_{210}^{(21)}m_{003}^{(11)}\\
&+m_{000}^{(00)}m_{210}^{(22)}m_{021}^{(21)} - m_{000}^{(00)}m_{210}^{(22)}m_{012}^{(11)} - m_{000}^{(00)}m_{201}^{(11)}m_{021}^{(22)} + m_{000}^{(00)}m_{201}^{(11)}m_{012}^{(21)}\\
&+m_{000}^{(00)}m_{201}^{(21)}m_{030}^{(22)} - m_{000}^{(00)}m_{201}^{(21)}m_{012}^{(11)} - m_{000}^{(00)}m_{201}^{(22)}m_{030}^{(21)} + m_{000}^{(00)}m_{201}^{(22)}m_{021}^{(11)}\\
&-m_{000}^{(00)}m_{120}^{(10)}m_{012}^{(22)} + m_{000}^{(00)}m_{120}^{(10)}m_{003}^{(21)} - m_{000}^{(00)}m_{120}^{(11)}m_{102}^{(22)} + m_{000}^{(00)}m_{120}^{(11)}m_{003}^{(20)}\\
&+m_{000}^{(00)}m_{120}^{(20)}m_{012}^{(21)} - m_{000}^{(00)}m_{120}^{(20)}m_{003}^{(11)} + 2m_{000}^{(00)}m_{120}^{(21)}m_{111}^{(22)} - m_{000}^{(00)}m_{120}^{(21)}m_{012}^{(20)}
\end{aligned}
$$

$$
\begin{aligned}
&-m_{000}^{(00)}m_{120}^{(21)}m_{003}^{(10)} - 2m_{000}^{(00)}m_{120}^{(22)}m_{111}^{(21)} + m_{000}^{(00)}m_{120}^{(22)}m_{102}^{(11)} + m_{000}^{(00)}m_{120}^{(22)}m_{012}^{(10)}\\
&+2m_{000}^{(00)}m_{111}^{(10)}m_{021}^{(22)} - 2m_{000}^{(00)}m_{111}^{(10)}m_{012}^{(21)} + 2m_{000}^{(00)}m_{111}^{(11)}m_{102}^{(21)} - 2m_{000}^{(00)}m_{111}^{(11)}m_{012}^{(20)}\\
&-2m_{000}^{(00)}m_{111}^{(20)}m_{021}^{(21)} + 2m_{000}^{(00)}m_{111}^{(20)}m_{012}^{(11)} - 2m_{000}^{(00)}m_{111}^{(21)}m_{102}^{(11)} + 2m_{000}^{(00)}m_{111}^{(21)}m_{021}^{(20)}\\
&+2m_{000}^{(00)}m_{111}^{(21)}m_{012}^{(10)} - 2m_{000}^{(00)}m_{111}^{(22)}m_{021}^{(10)} - m_{000}^{(00)}m_{102}^{(10)}m_{030}^{(22)} + m_{000}^{(00)}m_{102}^{(10)}m_{021}^{(21)}\\
&+m_{000}^{(00)}m_{102}^{(11)}m_{021}^{(20)} + m_{000}^{(00)}m_{102}^{(20)}m_{030}^{(21)} - m_{000}^{(00)}m_{102}^{(20)}m_{021}^{(11)} - m_{000}^{(00)}m_{102}^{(21)}m_{030}^{(20)}\\
&-m_{000}^{(00)}m_{102}^{(21)}m_{021}^{(10)} + m_{000}^{(00)}m_{102}^{(22)}m_{030}^{(10)} - m_{000}^{(00)}m_{030}^{(10)}m_{003}^{(20)} + m_{000}^{(00)}m_{030}^{(20)}m_{003}^{(10)}\\
&+3m_{000}^{(00)}m_{021}^{(10)}m_{012}^{(20)} - 3m_{000}^{(00)}m_{021}^{(20)}m_{012}^{(10)} - m_{000}^{(10)}m_{300}^{(11)}m_{012}^{(22)} + m_{000}^{(10)}m_{300}^{(11)}m_{003}^{(21)}\\
&+m_{000}^{(10)}m_{300}^{(21)}m_{021}^{(22)} - m_{000}^{(10)}m_{300}^{(21)}m_{003}^{(11)} - m_{000}^{(10)}m_{300}^{(22)}m_{021}^{(21)} + m_{000}^{(10)}m_{300}^{(22)}m_{012}^{(11)}\\
&+m_{000}^{(10)}m_{210}^{(11)}m_{102}^{(22)} - m_{000}^{(10)}m_{210}^{(11)}m_{003}^{(20)} + m_{000}^{(10)}m_{210}^{(20)}m_{021}^{(22)} - 2m_{000}^{(10)}m_{210}^{(20)}m_{012}^{(21)}\\
&+m_{000}^{(10)}m_{210}^{(20)}m_{003}^{(11)} - 2m_{000}^{(10)}m_{210}^{(21)}m_{111}^{(22)} + 2m_{000}^{(10)}m_{210}^{(21)}m_{012}^{(20)} + 2m_{000}^{(10)}m_{210}^{(22)}m_{111}^{(21)}\\
&-m_{000}^{(10)}m_{210}^{(22)}m_{102}^{(11)} - m_{000}^{(10)}m_{210}^{(22)}m_{021}^{(20)} + 2m_{000}^{(10)}m_{201}^{(11)}m_{111}^{(22)} - 3m_{000}^{(10)}m_{201}^{(11)}m_{102}^{(21)}\\
&+m_{000}^{(10)}m_{201}^{(11)}m_{012}^{(20)} - m_{000}^{(10)}m_{201}^{(20)}m_{030}^{(22)} + 2m_{000}^{(10)}m_{201}^{(20)}m_{021}^{(21)} - m_{000}^{(10)}m_{201}^{(20)}m_{012}^{(11)}\\
&-m_{000}^{(10)}m_{201}^{(21)}m_{120}^{(22)} + 3m_{000}^{(10)}m_{201}^{(21)}m_{102}^{(11)} - 2m_{000}^{(10)}m_{201}^{(21)}m_{021}^{(20)} + m_{000}^{(10)}m_{201}^{(22)}m_{120}^{(21)}\\
&-2m_{000}^{(10)}m_{201}^{(22)}m_{111}^{(11)} + m_{000}^{(10)}m_{201}^{(22)}m_{030}^{(20)} + m_{000}^{(10)}m_{120}^{(00)}m_{012}^{(22)} - m_{000}^{(10)}m_{120}^{(00)}m_{003}^{(21)}\\
&-2m_{000}^{(10)}m_{120}^{(20)}m_{111}^{(22)} + 2m_{000}^{(10)}m_{120}^{(20)}m_{102}^{(21)} - 2m_{000}^{(10)}m_{120}^{(21)}m_{102}^{(20)} + m_{000}^{(10)}m_{120}^{(21)}m_{003}^{(00)}\\
&+2m_{000}^{(10)}m_{120}^{(22)}m_{111}^{(20)} - m_{000}^{(10)}m_{120}^{(22)}m_{012}^{(00)} - 2m_{000}^{(10)}m_{111}^{(00)}m_{021}^{(22)} + 2m_{000}^{(10)}m_{111}^{(00)}m_{012}^{(21)}\\
&+2m_{000}^{(10)}m_{111}^{(11)}m_{102}^{(20)} - 2m_{000}^{(10)}m_{111}^{(20)}m_{102}^{(11)} - 2m_{000}^{(10)}m_{111}^{(21)}m_{012}^{(00)} + 2m_{000}^{(10)}m_{111}^{(22)}m_{021}^{(00)}\\
&+m_{000}^{(10)}m_{102}^{(00)}m_{030}^{(22)} - m_{000}^{(10)}m_{102}^{(00)}m_{021}^{(21)} + m_{000}^{(10)}m_{102}^{(21)}m_{021}^{(00)} - m_{000}^{(10)}m_{102}^{(22)}m_{030}^{(00)}\\
&+m_{000}^{(10)}m_{030}^{(00)}m_{003}^{(20)} - m_{000}^{(10)}m_{030}^{(20)}m_{003}^{(00)} - 3m_{000}^{(10)}m_{021}^{(00)}m_{012}^{(20)} + 3m_{000}^{(10)}m_{021}^{(20)}m_{012}^{(00)}\\
&+m_{000}^{(11)}m_{300}^{(10)}m_{012}^{(22)} - m_{000}^{(11)}m_{300}^{(10)}m_{003}^{(21)} - m_{000}^{(11)}m_{300}^{(20)}m_{021}^{(22)} + m_{000}^{(11)}m_{300}^{(20)}m_{012}^{(21)}\\
&-m_{000}^{(11)}m_{300}^{(21)}m_{012}^{(20)} + m_{000}^{(11)}m_{300}^{(21)}m_{003}^{(10)} + m_{000}^{(11)}m_{300}^{(22)}m_{021}^{(20)} - m_{000}^{(11)}m_{300}^{(22)}m_{012}^{(10)}\\
&-m_{000}^{(11)}m_{210}^{(00)}m_{012}^{(22)} + m_{000}^{(11)}m_{210}^{(00)}m_{003}^{(21)} - m_{000}^{(11)}m_{210}^{(10)}m_{102}^{(22)} + m_{000}^{(11)}m_{210}^{(10)}m_{003}^{(20)}\\
&+2m_{000}^{(11)}m_{210}^{(20)}m_{111}^{(22)} - m_{000}^{(11)}m_{210}^{(20)}m_{102}^{(21)} - m_{000}^{(11)}m_{210}^{(20)}m_{003}^{(10)} + m_{000}^{(11)}m_{210}^{(21)}m_{102}^{(20)}\\
&-m_{000}^{(11)}m_{210}^{(21)}m_{003}^{(00)} - 2m_{000}^{(11)}m_{210}^{(22)}m_{111}^{(20)} + m_{000}^{(11)}m_{210}^{(22)}m_{102}^{(10)} + m_{000}^{(11)}m_{210}^{(22)}m_{012}^{(00)}\\
&+m_{000}^{(11)}m_{201}^{(00)}m_{021}^{(22)} - m_{000}^{(11)}m_{201}^{(00)}m_{012}^{(21)} - 2m_{000}^{(11)}m_{201}^{(10)}m_{111}^{(22)} + 3m_{000}^{(11)}m_{201}^{(10)}m_{102}^{(21)}\\
&-m_{000}^{(11)}m_{201}^{(10)}m_{012}^{(20)} + m_{000}^{(11)}m_{201}^{(20)}m_{120}^{(22)} - 2m_{000}^{(11)}m_{201}^{(20)}m_{111}^{(21)} + m_{000}^{(11)}m_{201}^{(20)}m_{012}^{(10)}\\
&+2m_{000}^{(11)}m_{201}^{(21)}m_{111}^{(20)} - 3m_{000}^{(11)}m_{201}^{(21)}m_{102}^{(10)} + m_{000}^{(11)}m_{201}^{(21)}m_{012}^{(00)} - m_{000}^{(11)}m_{201}^{(22)}m_{120}^{(20)}\\
&+2m_{000}^{(11)}m_{201}^{(22)}m_{111}^{(10)} - m_{000}^{(11)}m_{201}^{(22)}m_{021}^{(00)} + m_{000}^{(11)}m_{120}^{(00)}m_{102}^{(22)} - m_{000}^{(11)}m_{120}^{(00)}m_{003}^{(20)}\\
&+m_{000}^{(11)}m_{120}^{(20)}m_{003}^{(00)} - m_{000}^{(11)}m_{120}^{(22)}m_{102}^{(00)} - 2m_{000}^{(11)}m_{111}^{(00)}m_{102}^{(21)} + 2m_{000}^{(11)}m_{111}^{(00)}m_{012}^{(20)}\\
&-2m_{000}^{(11)}m_{111}^{(10)}m_{102}^{(20)} + 2m_{000}^{(11)}m_{111}^{(20)}m_{102}^{(10)} - 2m_{000}^{(11)}m_{111}^{(20)}m_{012}^{(00)} + 2m_{000}^{(11)}m_{111}^{(21)}m_{102}^{(00)}\\
&-m_{000}^{(11)}m_{102}^{(00)}m_{021}^{(20)} + m_{000}^{(11)}m_{102}^{(20)}m_{021}^{(00)} + m_{000}^{(20)}m_{300}^{(11)}m_{021}^{(22)} - m_{000}^{(20)}m_{300}^{(11)}m_{012}^{(21)}\\
&-m_{000}^{(20)}m_{300}^{(21)}m_{030}^{(22)} + m_{000}^{(20)}m_{300}^{(21)}m_{012}^{(11)} + m_{000}^{(20)}m_{300}^{(22)}m_{030}^{(21)} - m_{000}^{(20)}m_{300}^{(22)}m_{021}^{(11)}\\
&-m_{000}^{(20)}m_{210}^{(10)}m_{021}^{(22)} + 2m_{000}^{(20)}m_{210}^{(10)}m_{012}^{(21)} - m_{000}^{(20)}m_{210}^{(10)}m_{003}^{(11)} - 2m_{000}^{(20)}m_{210}^{(11)}m_{111}^{(22)}\\
&+m_{000}^{(20)}m_{210}^{(11)}m_{102}^{(21)} + m_{000}^{(20)}m_{210}^{(11)}m_{003}^{(10)} + 3m_{000}^{(20)}m_{210}^{(21)}m_{120}^{(22)} - m_{000}^{(20)}m_{210}^{(21)}m_{102}^{(11)}\\
&-2m_{000}^{(20)}m_{210}^{(21)}m_{012}^{(10)} - 3m_{000}^{(20)}m_{210}^{(22)}m_{120}^{(21)} + 2m_{000}^{(20)}m_{210}^{(22)}m_{111}^{(11)} + m_{000}^{(20)}m_{210}^{(22)}m_{021}^{(10)}\\
&+m_{000}^{(20)}m_{201}^{(10)}m_{030}^{(22)} - 2m_{000}^{(20)}m_{201}^{(10)}m_{021}^{(21)} + m_{000}^{(20)}m_{201}^{(10)}m_{012}^{(11)} - m_{000}^{(20)}m_{201}^{(10)}m_{120}^{(22)}\\
&+2m_{000}^{(20)}m_{201}^{(11)}m_{111}^{(21)} - m_{000}^{(20)}m_{201}^{(11)}m_{012}^{(10)} - 2m_{000}^{(20)}m_{201}^{(21)}m_{111}^{(11)} + 2m_{000}^{(20)}m_{201}^{(21)}m_{021}^{(10)}\\
&+m_{000}^{(20)}m_{201}^{(22)}m_{120}^{(11)} - m_{000}^{(20)}m_{201}^{(22)}m_{030}^{(10)} - m_{000}^{(20)}m_{120}^{(00)}m_{012}^{(21)} + m_{000}^{(20)}m_{120}^{(00)}m_{003}^{(11)}
\end{aligned}
$$

$$
\begin{aligned}
&+2m_{000}^{(20)}m_{120}^{(10)}m_{111}^{(22)} - 2m_{000}^{(20)}m_{120}^{(10)}m_{102}^{(21)} - m_{000}^{(20)}m_{120}^{(11)}m_{003}^{(00)} + 2m_{000}^{(20)}m_{120}^{(21)}m_{102}^{(10)}\\
&+m_{000}^{(20)}m_{120}^{(21)}m_{012}^{(00)} - 2m_{000}^{(20)}m_{120}^{(22)}m_{111}^{(10)} + 2m_{000}^{(20)}m_{111}^{(00)}m_{021}^{(21)} - 2m_{000}^{(20)}m_{111}^{(00)}m_{012}^{(11)}\\
&+2m_{000}^{(20)}m_{111}^{(10)}m_{102}^{(11)} - 2m_{000}^{(20)}m_{111}^{(11)}m_{102}^{(10)} + 2m_{000}^{(20)}m_{111}^{(11)}m_{012}^{(00)} - 2m_{000}^{(20)}m_{111}^{(21)}m_{021}^{(00)}\\
&-m_{000}^{(20)}m_{102}^{(00)}m_{030}^{(21)} + m_{000}^{(20)}m_{102}^{(00)}m_{021}^{(11)} - m_{000}^{(20)}m_{102}^{(11)}m_{021}^{(00)} + m_{000}^{(20)}m_{102}^{(21)}m_{030}^{(00)}\\
&-m_{000}^{(20)}m_{030}^{(00)}m_{003}^{(10)} + m_{000}^{(20)}m_{030}^{(10)}m_{003}^{(00)} + 3m_{000}^{(20)}m_{021}^{(00)}m_{012}^{(10)} - 3m_{000}^{(20)}m_{021}^{(10)}m_{012}^{(00)}\\
&-m_{000}^{(21)}m_{300}^{(10)}m_{021}^{(22)} + m_{000}^{(21)}m_{300}^{(10)}m_{003}^{(11)} + m_{000}^{(21)}m_{300}^{(11)}m_{012}^{(20)} - m_{000}^{(21)}m_{300}^{(11)}m_{003}^{(10)}\\
&+m_{000}^{(21)}m_{300}^{(20)}m_{030}^{(22)} - m_{000}^{(21)}m_{300}^{(20)}m_{012}^{(11)} - m_{000}^{(21)}m_{300}^{(22)}m_{030}^{(20)} + m_{000}^{(21)}m_{300}^{(22)}m_{021}^{(10)}\\
&+m_{000}^{(21)}m_{210}^{(00)}m_{021}^{(22)} - m_{000}^{(21)}m_{210}^{(00)}m_{003}^{(11)} + 2m_{000}^{(21)}m_{210}^{(10)}m_{111}^{(22)} - 2m_{000}^{(21)}m_{210}^{(10)}m_{012}^{(20)}\\
&-m_{000}^{(21)}m_{210}^{(11)}m_{102}^{(20)} + m_{000}^{(21)}m_{210}^{(11)}m_{003}^{(00)} - 3m_{000}^{(21)}m_{210}^{(20)}m_{120}^{(22)} + m_{000}^{(21)}m_{210}^{(20)}m_{102}^{(11)}\\
&+2m_{000}^{(21)}m_{210}^{(20)}m_{012}^{(10)} + 3m_{000}^{(21)}m_{210}^{(22)}m_{120}^{(20)} - 2m_{000}^{(21)}m_{210}^{(22)}m_{111}^{(10)} - m_{000}^{(21)}m_{210}^{(22)}m_{021}^{(00)}\\
&-m_{000}^{(21)}m_{201}^{(00)}m_{030}^{(22)} + m_{000}^{(21)}m_{201}^{(00)}m_{012}^{(11)} + m_{000}^{(21)}m_{201}^{(10)}m_{120}^{(22)} - 3m_{000}^{(21)}m_{201}^{(10)}m_{102}^{(11)}\\
&+2m_{000}^{(21)}m_{201}^{(10)}m_{021}^{(20)} - 2m_{000}^{(21)}m_{201}^{(11)}m_{111}^{(20)} + 3m_{000}^{(21)}m_{201}^{(11)}m_{102}^{(10)} - m_{000}^{(21)}m_{201}^{(11)}m_{012}^{(00)}\\
&+2m_{000}^{(21)}m_{201}^{(20)}m_{111}^{(11)} - 2m_{000}^{(21)}m_{201}^{(20)}m_{021}^{(10)} - m_{000}^{(21)}m_{201}^{(22)}m_{120}^{(10)} + m_{000}^{(21)}m_{201}^{(22)}m_{030}^{(00)}\\
&-2m_{000}^{(21)}m_{120}^{(00)}m_{111}^{(22)} + m_{000}^{(21)}m_{120}^{(00)}m_{012}^{(20)} + m_{000}^{(21)}m_{120}^{(00)}m_{003}^{(10)} + 2m_{000}^{(21)}m_{120}^{(10)}m_{102}^{(20)}\\
&-m_{000}^{(21)}m_{120}^{(10)}m_{003}^{(00)} - 2m_{000}^{(21)}m_{120}^{(20)}m_{102}^{(10)} - m_{000}^{(21)}m_{120}^{(20)}m_{012}^{(00)} + 2m_{000}^{(21)}m_{120}^{(22)}m_{111}^{(00)}\\
&+2m_{000}^{(21)}m_{111}^{(00)}m_{102}^{(11)} - 2m_{000}^{(21)}m_{111}^{(00)}m_{021}^{(20)} - 2m_{000}^{(21)}m_{111}^{(00)}m_{012}^{(10)} + 2m_{000}^{(21)}m_{111}^{(10)}m_{012}^{(00)}\\
&-2m_{000}^{(21)}m_{111}^{(11)}m_{102}^{(00)} + 2m_{000}^{(21)}m_{111}^{(20)}m_{021}^{(00)} + m_{000}^{(21)}m_{102}^{(00)}m_{030}^{(20)} + m_{000}^{(21)}m_{102}^{(00)}m_{021}^{(10)}\\
&-m_{000}^{(21)}m_{102}^{(10)}m_{021}^{(00)} - m_{000}^{(21)}m_{102}^{(20)}m_{030}^{(00)} + m_{000}^{(22)}m_{300}^{(10)}m_{021}^{(21)} - m_{000}^{(22)}m_{300}^{(10)}m_{012}^{(11)}\\
&-m_{000}^{(22)}m_{300}^{(11)}m_{021}^{(20)} + m_{000}^{(22)}m_{300}^{(11)}m_{012}^{(10)} - m_{000}^{(22)}m_{300}^{(20)}m_{030}^{(21)} + m_{000}^{(22)}m_{300}^{(20)}m_{021}^{(11)}\\
&+m_{000}^{(22)}m_{300}^{(21)}m_{030}^{(20)} - m_{000}^{(22)}m_{300}^{(21)}m_{021}^{(10)} - m_{000}^{(22)}m_{210}^{(00)}m_{021}^{(21)} + m_{000}^{(22)}m_{210}^{(00)}m_{012}^{(11)}\\
&-2m_{000}^{(22)}m_{210}^{(10)}m_{111}^{(21)} + m_{000}^{(22)}m_{210}^{(10)}m_{102}^{(11)} + m_{000}^{(22)}m_{210}^{(10)}m_{021}^{(20)} + 2m_{000}^{(22)}m_{210}^{(11)}m_{111}^{(20)}\\
&-m_{000}^{(22)}m_{210}^{(11)}m_{102}^{(10)} - m_{000}^{(22)}m_{210}^{(11)}m_{012}^{(00)} + 3m_{000}^{(22)}m_{210}^{(20)}m_{120}^{(21)} - 2m_{000}^{(22)}m_{210}^{(20)}m_{111}^{(11)}\\
&-m_{000}^{(22)}m_{210}^{(20)}m_{021}^{(10)} - 3m_{000}^{(22)}m_{210}^{(21)}m_{120}^{(20)} + 2m_{000}^{(22)}m_{210}^{(21)}m_{111}^{(10)} + m_{000}^{(22)}m_{210}^{(21)}m_{021}^{(00)}\\
&+m_{000}^{(22)}m_{201}^{(00)}m_{030}^{(21)} - m_{000}^{(22)}m_{201}^{(00)}m_{021}^{(11)} - m_{000}^{(22)}m_{201}^{(10)}m_{120}^{(21)} + 2m_{000}^{(22)}m_{201}^{(10)}m_{111}^{(11)}\\
&-m_{000}^{(22)}m_{201}^{(10)}m_{030}^{(20)} + m_{000}^{(22)}m_{201}^{(11)}m_{120}^{(20)} - 2m_{000}^{(22)}m_{201}^{(11)}m_{111}^{(10)} + m_{000}^{(22)}m_{201}^{(11)}m_{021}^{(00)}\\
&-m_{000}^{(22)}m_{201}^{(20)}m_{120}^{(11)} + m_{000}^{(22)}m_{201}^{(20)}m_{030}^{(10)} + m_{000}^{(22)}m_{201}^{(21)}m_{120}^{(10)} - m_{000}^{(22)}m_{201}^{(21)}m_{030}^{(00)}\\
&+2m_{000}^{(22)}m_{120}^{(00)}m_{111}^{(21)} - m_{000}^{(22)}m_{120}^{(00)}m_{102}^{(11)} - m_{000}^{(22)}m_{120}^{(00)}m_{012}^{(10)} - 2m_{000}^{(22)}m_{120}^{(10)}m_{111}^{(20)}\\
&+m_{000}^{(22)}m_{120}^{(10)}m_{012}^{(00)} + m_{000}^{(22)}m_{120}^{(11)}m_{102}^{(00)} + 2m_{000}^{(22)}m_{120}^{(20)}m_{111}^{(10)} - 2m_{000}^{(22)}m_{120}^{(21)}m_{111}^{(00)}\\
&+2m_{000}^{(22)}m_{111}^{(00)}m_{021}^{(10)} - 2m_{000}^{(22)}m_{111}^{(10)}m_{021}^{(00)} - m_{000}^{(22)}m_{102}^{(00)}m_{030}^{(10)} + m_{000}^{(22)}m_{102}^{(10)}m_{030}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & V1 & V2 & 2\\
V2 & 2 & 2 & V3\\
V3 & 3 & 3 & 3
\end{array}
$$



$$
\begin{aligned}
T_{86} \;=\;& -m_{000}^{(00)} m_{210}^{(11)} m_{012}^{(22)} + m_{000}^{(00)} m_{210}^{(11)} m_{003}^{(21)} + m_{000}^{(00)} m_{210}^{(21)} m_{021}^{(22)} - m_{000}^{(00)} m_{210}^{(21)} m_{003}^{(11)} \\
& - m_{000}^{(00)} m_{210}^{(22)} m_{021}^{(21)} + m_{000}^{(00)} m_{210}^{(22)} m_{012}^{(11)} + m_{000}^{(00)} m_{201}^{(11)} m_{021}^{(22)} - m_{000}^{(00)} m_{201}^{(11)} m_{012}^{(21)} \\
& - m_{000}^{(00)} m_{201}^{(21)} m_{030}^{(22)} + m_{000}^{(00)} m_{201}^{(21)} m_{012}^{(11)} + m_{000}^{(00)} m_{201}^{(22)} m_{030}^{(21)} - m_{000}^{(00)} m_{201}^{(22)} m_{021}^{(11)} \\
& + 2m_{000}^{(00)} m_{120}^{(10)} m_{012}^{(22)} - 2m_{000}^{(00)} m_{120}^{(10)} m_{003}^{(21)} - 2m_{000}^{(00)} m_{120}^{(20)} m_{012}^{(21)} + 2m_{000}^{(00)} m_{120}^{(20)} m_{003}^{(11)} \\
& - 2m_{000}^{(00)} m_{120}^{(21)} m_{111}^{(22)} + 2m_{000}^{(00)} m_{120}^{(21)} m_{102}^{(21)} + 2m_{000}^{(00)} m_{120}^{(22)} m_{111}^{(21)} - 2m_{000}^{(00)} m_{120}^{(22)} m_{102}^{(11)} \\
& - 4m_{000}^{(00)} m_{111}^{(10)} m_{021}^{(22)} + 4m_{000}^{(00)} m_{111}^{(10)} m_{012}^{(21)} + 2m_{000}^{(00)} m_{111}^{(11)} m_{111}^{(22)} - 2m_{000}^{(00)} m_{111}^{(11)} m_{102}^{(21)} \\
& + 4m_{000}^{(00)} m_{111}^{(20)} m_{021}^{(21)} - 4m_{000}^{(00)} m_{111}^{(20)} m_{012}^{(11)} - 2m_{000}^{(00)} (m_{111}^{(21)})^2 + 2m_{000}^{(00)} m_{111}^{(21)} m_{102}^{(11)} \\
& + 2m_{000}^{(00)} m_{102}^{(10)} m_{030}^{(22)} - 2m_{000}^{(00)} m_{102}^{(10)} m_{021}^{(21)} - 2m_{000}^{(00)} m_{102}^{(20)} m_{030}^{(21)} + 2m_{000}^{(00)} m_{102}^{(20)} m_{021}^{(11)} \\
& - m_{000}^{(00)} m_{030}^{(00)} m_{012}^{(22)} + m_{000}^{(00)} m_{030}^{(00)} m_{003}^{(21)} + 2m_{000}^{(00)} m_{030}^{(20)} m_{012}^{(20)} - 2m_{000}^{(00)} m_{030}^{(20)} m_{003}^{(10)} \\
& + m_{000}^{(00)} m_{030}^{(21)} m_{003}^{(00)} - m_{000}^{(00)} m_{030}^{(22)} m_{012}^{(00)} + 2m_{000}^{(00)} m_{021}^{(00)} m_{021}^{(22)} - m_{000}^{(00)} m_{021}^{(00)} m_{012}^{(21)} \\
& - m_{000}^{(00)} m_{021}^{(00)} m_{003}^{(11)} - 2m_{000}^{(00)} m_{021}^{(10)} m_{012}^{(20)} + 2m_{000}^{(00)} m_{021}^{(10)} m_{003}^{(10)} - m_{000}^{(00)} m_{021}^{(11)} m_{003}^{(00)} \\
& - 2m_{000}^{(00)} (m_{021}^{(20)})^2 + 4m_{000}^{(00)} m_{021}^{(20)} m_{012}^{(10)} - m_{000}^{(00)} m_{021}^{(21)} m_{012}^{(00)} + 2m_{000}^{(00)} m_{012}^{(00)} m_{012}^{(11)} \\
& - 2m_{000}^{(00)} (m_{012}^{(10)})^2 + m_{000}^{(10)} m_{300}^{(11)} m_{012}^{(22)} - m_{000}^{(10)} m_{300}^{(11)} m_{003}^{(21)} - m_{000}^{(10)} m_{300}^{(21)} m_{021}^{(22)} \\
& + m_{000}^{(10)} m_{300}^{(21)} m_{003}^{(11)} + m_{000}^{(10)} m_{300}^{(22)} m_{021}^{(21)} - m_{000}^{(10)} m_{300}^{(22)} m_{012}^{(11)} - 2m_{000}^{(10)} m_{210}^{(10)} m_{012}^{(22)} \\
& + 2m_{000}^{(10)} m_{210}^{(10)} m_{003}^{(21)} + m_{000}^{(10)} m_{210}^{(11)} m_{102}^{(22)} - m_{000}^{(10)} m_{210}^{(11)} m_{003}^{(20)} - m_{000}^{(10)} m_{210}^{(20)} m_{021}^{(22)} \\
& + 4m_{000}^{(10)} m_{210}^{(20)} m_{012}^{(21)} - 3m_{000}^{(10)} m_{210}^{(20)} m_{003}^{(11)} + 2m_{000}^{(10)} m_{210}^{(21)} m_{111}^{(22)} - 4m_{000}^{(10)} m_{210}^{(21)} m_{102}^{(21)} \\
& + 2m_{000}^{(10)} m_{210}^{(21)} m_{003}^{(10)} - 2m_{000}^{(10)} m_{210}^{(22)} m_{111}^{(21)} + 3m_{000}^{(10)} m_{210}^{(22)} m_{102}^{(11)} + m_{000}^{(10)} m_{210}^{(22)} m_{021}^{(20)} \\
& - 2m_{000}^{(10)} m_{210}^{(22)} m_{012}^{(10)} + 2m_{000}^{(10)} m_{201}^{(10)} m_{021}^{(22)} - 2m_{000}^{(10)} m_{201}^{(10)} m_{012}^{(21)} - 4m_{000}^{(10)} m_{201}^{(11)} m_{111}^{(22)} \\
& + 3m_{000}^{(10)} m_{201}^{(11)} m_{102}^{(21)} + m_{000}^{(10)} m_{201}^{(11)} m_{012}^{(20)} + m_{000}^{(10)} m_{201}^{(20)} m_{030}^{(22)} - 4m_{000}^{(10)} m_{201}^{(20)} m_{021}^{(21)} \\
& + 3m_{000}^{(10)} m_{201}^{(20)} m_{012}^{(11)} + m_{000}^{(10)} m_{201}^{(21)} m_{120}^{(22)} + 4m_{000}^{(10)} m_{201}^{(21)} m_{111}^{(21)} - 3m_{000}^{(10)} m_{201}^{(21)} m_{102}^{(11)} \\
& - 2m_{000}^{(10)} m_{201}^{(21)} m_{012}^{(10)} - m_{000}^{(10)} m_{201}^{(22)} m_{120}^{(21)} - m_{000}^{(10)} m_{201}^{(22)} m_{030}^{(20)} + 2m_{000}^{(10)} m_{201}^{(22)} m_{021}^{(10)} \\
& + m_{000}^{(10)} m_{120}^{(00)} m_{012}^{(22)} - m_{000}^{(10)} m_{120}^{(00)} m_{003}^{(21)} - 2m_{000}^{(10)} m_{120}^{(10)} m_{102}^{(22)} + 2m_{000}^{(10)} m_{120}^{(10)} m_{003}^{(20)} \\
& + 2m_{000}^{(10)} m_{120}^{(20)} m_{111}^{(22)} - 4m_{000}^{(10)} m_{120}^{(20)} m_{012}^{(20)} + 2m_{000}^{(10)} m_{120}^{(20)} m_{003}^{(10)} + 4m_{000}^{(10)} m_{120}^{(21)} m_{102}^{(20)} \\
& - 3m_{000}^{(10)} m_{120}^{(21)} m_{003}^{(00)} - 2m_{000}^{(10)} m_{120}^{(22)} m_{111}^{(20)} - 2m_{000}^{(10)} m_{120}^{(22)} m_{102}^{(10)} + 3m_{000}^{(10)} m_{120}^{(22)} m_{012}^{(00)} \\
& - 2m_{000}^{(10)} m_{111}^{(00)} m_{012}^{(21)} + 2m_{000}^{(10)} m_{111}^{(00)} m_{003}^{(11)} + 4m_{000}^{(10)} m_{111}^{(10)} m_{111}^{(22)} - 4m_{000}^{(10)} m_{111}^{(10)} m_{003}^{(10)} \\
& - 2m_{000}^{(10)} m_{111}^{(11)} m_{102}^{(20)} + 2m_{000}^{(10)} m_{111}^{(11)} m_{003}^{(00)} - 4m_{000}^{(10)} m_{111}^{(20)} m_{111}^{(21)} + 2m_{000}^{(10)} m_{111}^{(20)} m_{102}^{(11)} \\
& + 4m_{000}^{(10)} m_{111}^{(20)} m_{021}^{(20)} + 2m_{000}^{(10)} m_{111}^{(21)} m_{012}^{(00)} - 4m_{000}^{(10)} m_{111}^{(22)} m_{021}^{(00)} - m_{000}^{(10)} m_{102}^{(00)} m_{030}^{(22)} \\
& + 3m_{000}^{(10)} m_{102}^{(00)} m_{021}^{(21)} - 2m_{000}^{(10)} m_{102}^{(00)} m_{012}^{(11)} - 2m_{000}^{(10)} m_{102}^{(10)} m_{021}^{(20)} + 4m_{000}^{(10)} m_{102}^{(10)} m_{012}^{(10)} \\
& - 2m_{000}^{(10)} m_{102}^{(11)} m_{012}^{(00)} - 2m_{000}^{(10)} m_{102}^{(20)} m_{021}^{(10)} + m_{000}^{(10)} m_{102}^{(21)} m_{021}^{(00)} + m_{000}^{(10)} m_{102}^{(22)} m_{030}^{(00)} \\
& - m_{000}^{(10)} m_{030}^{(00)} m_{003}^{(20)} + m_{000}^{(10)} m_{030}^{(20)} m_{003}^{(00)} + 3m_{000}^{(10)} m_{021}^{(00)} m_{012}^{(20)} - 3m_{000}^{(10)} m_{021}^{(00)} m_{012}^{(00)} \\
& - m_{000}^{(11)} m_{300}^{(11)} m_{102}^{(22)} + m_{000}^{(11)} m_{300}^{(11)} m_{003}^{(20)} + m_{000}^{(11)} m_{300}^{(20)} m_{021}^{(22)} - 2m_{000}^{(11)} m_{300}^{(20)} m_{012}^{(21)} \\
& + m_{000}^{(11)} m_{300}^{(20)} m_{003}^{(11)} + 2m_{000}^{(11)} m_{300}^{(21)} m_{102}^{(21)} - 2m_{000}^{(11)} m_{300}^{(21)} m_{003}^{(10)} - m_{000}^{(11)} m_{300}^{(22)} m_{102}^{(11)} \\
& - m_{000}^{(11)} m_{300}^{(22)} m_{021}^{(20)} + 2m_{000}^{(11)} m_{300}^{(22)} m_{012}^{(10)} + 2m_{000}^{(11)} m_{210}^{(10)} m_{102}^{(22)} - 2m_{000}^{(11)} m_{210}^{(10)} m_{003}^{(20)} \\
& - 2m_{000}^{(11)} m_{210}^{(20)} m_{111}^{(22)} + 2m_{000}^{(11)} m_{210}^{(20)} m_{012}^{(20)} - 2m_{000}^{(11)} m_{210}^{(21)} m_{102}^{(20)} + 2m_{000}^{(11)} m_{210}^{(21)} m_{003}^{(00)} \\
& + 2m_{000}^{(11)} m_{210}^{(22)} m_{111}^{(20)} - 2m_{000}^{(11)} m_{210}^{(22)} m_{012}^{(00)} - m_{000}^{(11)} m_{201}^{(00)} m_{021}^{(22)} + 2m_{000}^{(11)} m_{201}^{(00)} m_{012}^{(21)} \\
& - m_{000}^{(11)} m_{201}^{(00)} m_{003}^{(11)} - 2m_{000}^{(11)} m_{201}^{(10)} m_{102}^{(21)} + 2m_{000}^{(11)} m_{201}^{(10)} m_{003}^{(10)} + 2m_{000}^{(11)} m_{201}^{(11)} m_{201}^{(22)} \\
& - m_{000}^{(11)} m_{201}^{(11)} m_{102}^{(20)} - m_{000}^{(11)} m_{201}^{(11)} m_{003}^{(00)} - m_{000}^{(11)} m_{201}^{(20)} m_{120}^{(22)} + 4m_{000}^{(11)} m_{201}^{(20)} m_{111}^{(21)} \\
& - m_{000}^{(11)} m_{201}^{(20)} m_{102}^{(11)} - 2m_{000}^{(11)} m_{201}^{(20)} m_{012}^{(10)} - 2m_{000}^{(11)} (m_{201}^{(21)})^2 + 4m_{000}^{(11)} m_{201}^{(21)} m_{102}^{(10)}
\end{aligned}
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\begin{aligned}
&+m_{000}^{(11)}m_{201}^{(22)}m_{120}^{(20)} - 4m_{000}^{(11)}m_{201}^{(22)}m_{111}^{(10)} + m_{000}^{(11)}m_{201}^{(22)}m_{021}^{(00)} - m_{000}^{(11)}m_{120}^{(00)}m_{102}^{(22)}\\
&+m_{000}^{(11)}m_{120}^{(00)}m_{003}^{(20)} - m_{000}^{(11)}m_{120}^{(20)}m_{003}^{(00)} + m_{000}^{(11)}m_{120}^{(22)}m_{102}^{(00)} + 2m_{000}^{(11)}m_{111}^{(00)}m_{111}^{(22)}\\
&-2m_{000}^{(11)}m_{111}^{(00)}m_{012}^{(20)} + 4m_{000}^{(11)}m_{111}^{(10)}m_{102}^{(20)} - 2m_{000}^{(11)}(m_{111}^{(20)})^2 + 2m_{000}^{(11)}m_{111}^{(20)}m_{012}^{(00)}\\
&-4m_{000}^{(11)}m_{111}^{(21)}m_{102}^{(00)} + 2m_{000}^{(11)}m_{102}^{(00)}m_{102}^{(11)} + m_{000}^{(11)}m_{102}^{(00)}m_{021}^{(20)} - 2m_{000}^{(11)}(m_{102}^{(10)})^2\\
&-m_{000}^{(11)}m_{102}^{(20)}m_{021}^{(00)} - m_{000}^{(20)}m_{300}^{(11)}m_{021}^{(22)} + m_{000}^{(20)}m_{300}^{(11)}m_{012}^{(21)} + m_{000}^{(20)}m_{300}^{(21)}m_{030}^{(22)}\\
&-m_{000}^{(20)}m_{300}^{(21)}m_{012}^{(11)} - m_{000}^{(20)}m_{300}^{(22)}m_{030}^{(21)} + m_{000}^{(20)}m_{300}^{(22)}m_{021}^{(11)} + 3m_{000}^{(20)}m_{210}^{(10)}m_{021}^{(22)}\\
&-4m_{000}^{(20)}m_{210}^{(10)}m_{012}^{(21)} + m_{000}^{(20)}m_{210}^{(10)}m_{003}^{(11)} - m_{000}^{(20)}m_{210}^{(11)}m_{102}^{(21)} + 2m_{000}^{(20)}m_{210}^{(11)}m_{012}^{(20)}\\
&-m_{000}^{(20)}m_{210}^{(11)}m_{003}^{(10)} - 2m_{000}^{(20)}m_{210}^{(20)}m_{021}^{(21)} + 2m_{000}^{(20)}m_{210}^{(20)}m_{012}^{(11)} - 3m_{000}^{(20)}m_{210}^{(21)}m_{120}^{(22)}\\
&+4m_{000}^{(20)}m_{210}^{(21)}m_{111}^{(21)} + m_{000}^{(20)}m_{210}^{(21)}m_{102}^{(11)} - 2m_{000}^{(20)}m_{210}^{(21)}m_{021}^{(20)} + 3m_{000}^{(20)}m_{210}^{(22)}m_{120}^{(21)}\\
&-4m_{000}^{(20)}m_{210}^{(22)}m_{111}^{(11)} + m_{000}^{(20)}m_{210}^{(22)}m_{021}^{(10)} - 3m_{000}^{(20)}m_{201}^{(10)}m_{030}^{(22)} + 4m_{000}^{(20)}m_{201}^{(10)}m_{021}^{(21)}\\
&-m_{000}^{(20)}m_{201}^{(10)}m_{012}^{(11)} + 3m_{000}^{(20)}m_{201}^{(11)}m_{120}^{(22)} - 2m_{000}^{(20)}m_{201}^{(11)}m_{111}^{(21)} - 2m_{000}^{(20)}m_{201}^{(11)}m_{021}^{(20)}\\
&+m_{000}^{(20)}m_{201}^{(11)}m_{012}^{(10)} + 2m_{000}^{(20)}m_{201}^{(20)}m_{030}^{(21)} - 2m_{000}^{(20)}m_{201}^{(20)}m_{021}^{(11)} - 4m_{000}^{(20)}m_{201}^{(21)}m_{120}^{(21)}\\
&+2m_{000}^{(20)}m_{201}^{(21)}m_{111}^{(11)} + 2m_{000}^{(20)}m_{201}^{(21)}m_{030}^{(20)} + m_{000}^{(20)}m_{201}^{(22)}m_{120}^{(11)} - m_{000}^{(20)}m_{201}^{(22)}m_{030}^{(10)}\\
&-2m_{000}^{(20)}m_{120}^{(00)}m_{021}^{(22)} + 3m_{000}^{(20)}m_{120}^{(00)}m_{012}^{(21)} - m_{000}^{(20)}m_{120}^{(00)}m_{003}^{(11)} - 2m_{000}^{(20)}m_{120}^{(10)}m_{111}^{(22)}\\
&+4m_{000}^{(20)}m_{120}^{(10)}m_{102}^{(21)} - 2m_{000}^{(20)}m_{120}^{(10)}m_{012}^{(20)} - 2m_{000}^{(20)}m_{120}^{(11)}m_{102}^{(20)} + m_{000}^{(20)}m_{120}^{(11)}m_{003}^{(00)}\\
&-2m_{000}^{(20)}m_{120}^{(20)}m_{102}^{(11)} + 4m_{000}^{(20)}m_{120}^{(20)}m_{021}^{(20)} - 2m_{000}^{(20)}m_{120}^{(20)}m_{012}^{(10)} + m_{000}^{(20)}m_{120}^{(21)}m_{012}^{(00)}\\
&+2m_{000}^{(20)}m_{120}^{(22)}m_{111}^{(10)} - 2m_{000}^{(20)}m_{120}^{(22)}m_{021}^{(00)} + 2m_{000}^{(20)}m_{111}^{(00)}m_{030}^{(22)} - 2m_{000}^{(20)}m_{111}^{(00)}m_{021}^{(21)}\\
&-4m_{000}^{(20)}m_{111}^{(10)}m_{111}^{(21)} - 2m_{000}^{(20)}m_{111}^{(10)}m_{102}^{(11)} + 4m_{000}^{(20)}m_{111}^{(10)}m_{012}^{(10)} + 4m_{000}^{(20)}m_{111}^{(11)}m_{111}^{(20)}\\
&+2m_{000}^{(20)}m_{111}^{(11)}m_{102}^{(10)} - 4m_{000}^{(20)}m_{111}^{(11)}m_{012}^{(00)} - 4m_{000}^{(20)}m_{111}^{(20)}m_{030}^{(20)} + 2m_{000}^{(20)}m_{111}^{(21)}m_{021}^{(00)}\\
&+2m_{000}^{(20)}m_{111}^{(22)}m_{030}^{(00)} - m_{000}^{(20)}m_{102}^{(00)}m_{030}^{(21)} + m_{000}^{(20)}m_{102}^{(00)}m_{021}^{(11)} + 2m_{000}^{(20)}m_{102}^{(10)}m_{030}^{(20)}\\
&-4m_{000}^{(20)}m_{102}^{(10)}m_{021}^{(10)} + 3m_{000}^{(20)}m_{102}^{(11)}m_{021}^{(00)} + 2m_{000}^{(20)}m_{102}^{(20)}m_{030}^{(10)} - 3m_{000}^{(20)}m_{102}^{(21)}m_{030}^{(00)}\\
&+m_{000}^{(20)}m_{030}^{(00)}m_{003}^{(10)} - m_{000}^{(20)}m_{030}^{(10)}m_{003}^{(00)} - 3m_{000}^{(20)}m_{021}^{(00)}m_{012}^{(10)} + 3m_{000}^{(20)}m_{021}^{(10)}m_{012}^{(00)}\\
&-m_{000}^{(21)}m_{300}^{(10)}m_{021}^{(22)} + 2m_{000}^{(21)}m_{300}^{(10)}m_{012}^{(21)} - m_{000}^{(21)}m_{300}^{(10)}m_{003}^{(11)} + 2m_{000}^{(21)}m_{300}^{(11)}m_{111}^{(22)}\\
&-3m_{000}^{(21)}m_{300}^{(11)}m_{012}^{(20)} + m_{000}^{(21)}m_{300}^{(11)}m_{003}^{(10)} - m_{000}^{(21)}m_{300}^{(20)}m_{030}^{(22)} + 2m_{000}^{(21)}m_{300}^{(20)}m_{021}^{(21)}\\
&-m_{000}^{(21)}m_{300}^{(20)}m_{012}^{(11)} - 4m_{000}^{(21)}m_{300}^{(21)}m_{111}^{(21)} + 2m_{000}^{(21)}m_{300}^{(21)}m_{021}^{(20)} + 2m_{000}^{(21)}m_{300}^{(21)}m_{012}^{(10)}\\
&+2m_{000}^{(21)}m_{300}^{(22)}m_{111}^{(11)} + m_{000}^{(21)}m_{300}^{(22)}m_{030}^{(20)} - 3m_{000}^{(21)}m_{300}^{(22)}m_{021}^{(10)} + m_{000}^{(21)}m_{210}^{(00)}m_{021}^{(22)}\\
&-2m_{000}^{(21)}m_{210}^{(00)}m_{012}^{(21)} + m_{000}^{(21)}m_{210}^{(00)}m_{003}^{(11)} - 2m_{000}^{(21)}m_{210}^{(10)}m_{111}^{(22)} - 2m_{000}^{(21)}m_{210}^{(10)}m_{102}^{(21)}\\
&+4m_{000}^{(21)}m_{210}^{(10)}m_{012}^{(20)} - 2m_{000}^{(21)}m_{210}^{(11)}m_{201}^{(22)} + 3m_{000}^{(21)}m_{210}^{(11)}m_{102}^{(20)} - m_{000}^{(21)}m_{210}^{(11)}m_{003}^{(00)}\\
&+3m_{000}^{(21)}m_{210}^{(20)}m_{120}^{(22)} + m_{000}^{(21)}m_{210}^{(20)}m_{102}^{(11)} - 4m_{000}^{(21)}m_{210}^{(20)}m_{021}^{(20)} + 4m_{000}^{(21)}m_{210}^{(21)}m_{201}^{(21)}\\
&-2m_{000}^{(21)}m_{210}^{(21)}m_{102}^{(10)} - 2m_{000}^{(21)}m_{210}^{(21)}m_{012}^{(00)} - 2m_{000}^{(21)}m_{210}^{(22)}m_{201}^{(11)} - 3m_{000}^{(21)}m_{210}^{(22)}m_{120}^{(20)}\\
&+2m_{000}^{(21)}m_{210}^{(22)}m_{111}^{(10)} + 3m_{000}^{(21)}m_{210}^{(22)}m_{021}^{(00)} + m_{000}^{(21)}m_{201}^{(00)}m_{030}^{(22)} - 2m_{000}^{(21)}m_{201}^{(00)}m_{021}^{(21)}\\
&+m_{000}^{(21)}m_{201}^{(00)}m_{012}^{(11)} + m_{000}^{(21)}m_{201}^{(10)}m_{120}^{(22)} + 3m_{000}^{(21)}m_{201}^{(10)}m_{102}^{(11)} - 4m_{000}^{(21)}m_{201}^{(10)}m_{012}^{(10)}\\
&+2m_{000}^{(21)}m_{201}^{(11)}m_{111}^{(20)} - 3m_{000}^{(21)}m_{201}^{(11)}m_{102}^{(10)} + 3m_{000}^{(21)}m_{201}^{(11)}m_{012}^{(00)} - 2m_{000}^{(21)}m_{201}^{(20)}m_{120}^{(21)}\\
&-2m_{000}^{(21)}m_{201}^{(20)}m_{111}^{(11)} + 4m_{000}^{(21)}m_{201}^{(20)}m_{021}^{(10)} - 2m_{000}^{(21)}m_{201}^{(21)}m_{120}^{(20)} - 2m_{000}^{(21)}m_{201}^{(21)}m_{021}^{(00)}\\
&+3m_{000}^{(21)}m_{201}^{(22)}m_{120}^{(10)} - m_{000}^{(21)}m_{201}^{(22)}m_{030}^{(00)} + 2m_{000}^{(21)}m_{120}^{(00)}m_{102}^{(21)} - m_{000}^{(21)}m_{120}^{(00)}m_{012}^{(20)}\\
&-m_{000}^{(21)}m_{120}^{(00)}m_{003}^{(10)} - 4m_{000}^{(21)}m_{120}^{(10)}m_{102}^{(20)} + m_{000}^{(21)}m_{120}^{(10)}m_{003}^{(00)} + 4m_{000}^{(21)}m_{120}^{(20)}m_{111}^{(20)}\\
&+m_{000}^{(21)}m_{120}^{(20)}m_{012}^{(00)} + 2m_{000}^{(21)}m_{120}^{(21)}m_{102}^{(00)} - 4m_{000}^{(21)}m_{120}^{(22)}m_{111}^{(00)} + 4m_{000}^{(21)}m_{111}^{(00)}m_{111}^{(21)}\\
&-4m_{000}^{(21)}m_{111}^{(00)}m_{111}^{(11)} + 2m_{000}^{(21)}m_{111}^{(00)}m_{021}^{(20)} + 2m_{000}^{(21)}m_{111}^{(00)}m_{012}^{(10)} - 4m_{000}^{(21)}m_{111}^{(10)}m_{111}^{(20)}
\end{aligned}
$$

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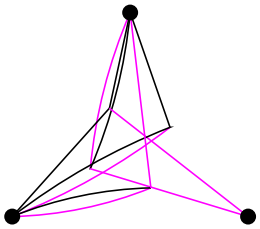
\begin{aligned}
&+4m_{000}^{(21)}m_{111}^{(10)}m_{102}^{(10)} - 2m_{000}^{(21)}m_{111}^{(10)}m_{012}^{(00)} - 2m_{000}^{(21)}m_{111}^{(20)}m_{021}^{(00)} - m_{000}^{(21)}m_{102}^{(00)}m_{030}^{(20)}\\
&-m_{000}^{(21)}m_{102}^{(00)}m_{021}^{(10)} + m_{000}^{(21)}m_{102}^{(10)}m_{021}^{(00)} + m_{000}^{(21)}m_{102}^{(20)}m_{030}^{(00)} + m_{000}^{(22)}m_{300}^{(10)}m_{030}^{(22)}\\
&-2m_{000}^{(22)}m_{300}^{(10)}m_{021}^{(21)} + m_{000}^{(22)}m_{300}^{(10)}m_{012}^{(11)} - m_{000}^{(22)}m_{300}^{(11)}m_{120}^{(22)} + 2m_{000}^{(22)}m_{300}^{(11)}m_{021}^{(20)}\\
&-m_{000}^{(22)}m_{300}^{(11)}m_{012}^{(10)} + 2m_{000}^{(22)}m_{300}^{(21)}m_{120}^{(21)} - 2m_{000}^{(22)}m_{300}^{(21)}m_{030}^{(20)} - m_{000}^{(22)}m_{300}^{(22)}m_{120}^{(11)}\\
&+m_{000}^{(22)}m_{300}^{(22)}m_{030}^{(10)} - m_{000}^{(22)}m_{210}^{(00)}m_{030}^{(22)} + 2m_{000}^{(22)}m_{210}^{(00)}m_{021}^{(21)} - m_{000}^{(22)}m_{210}^{(00)}m_{012}^{(11)}\\
&-m_{000}^{(22)}m_{210}^{(10)}m_{120}^{(22)} + 4m_{000}^{(22)}m_{210}^{(10)}m_{111}^{(21)} - m_{000}^{(22)}m_{210}^{(10)}m_{102}^{(11)} - 2m_{000}^{(22)}m_{210}^{(10)}m_{021}^{(20)}\\
&+2m_{000}^{(22)}m_{210}^{(11)}m_{210}^{(22)} - 4m_{000}^{(22)}m_{210}^{(11)}m_{111}^{(20)} + m_{000}^{(22)}m_{210}^{(11)}m_{102}^{(10)} + m_{000}^{(22)}m_{210}^{(11)}m_{012}^{(00)}\\
&-2m_{000}^{(22)}m_{210}^{(20)}m_{120}^{(21)} + 2m_{000}^{(22)}m_{210}^{(20)}m_{030}^{(20)} - 2m_{000}^{(22)}(m_{210}^{(21)})^2 + 4m_{000}^{(22)}m_{210}^{(21)}m_{120}^{(20)}\\
&-m_{000}^{(22)}m_{210}^{(22)}m_{120}^{(10)} - m_{000}^{(22)}m_{210}^{(22)}m_{030}^{(00)} - 2m_{000}^{(22)}m_{201}^{(10)}m_{111}^{(11)} + 2m_{000}^{(22)}m_{201}^{(10)}m_{021}^{(10)}\\
&+2m_{000}^{(22)}m_{201}^{(11)}m_{111}^{(10)} - 2m_{000}^{(22)}m_{201}^{(11)}m_{021}^{(00)} + 2m_{000}^{(22)}m_{201}^{(20)}m_{120}^{(11)} - 2m_{000}^{(22)}m_{201}^{(20)}m_{030}^{(10)}\\
&-2m_{000}^{(22)}m_{201}^{(21)}m_{120}^{(10)} + 2m_{000}^{(22)}m_{201}^{(21)}m_{030}^{(00)} + 2m_{000}^{(22)}m_{120}^{(00)}m_{120}^{(22)} - 4m_{000}^{(22)}m_{120}^{(00)}m_{111}^{(21)}\\
&+m_{000}^{(22)}m_{120}^{(00)}m_{102}^{(11)} + m_{000}^{(22)}m_{120}^{(00)}m_{012}^{(10)} + 4m_{000}^{(22)}m_{120}^{(10)}m_{111}^{(20)} - m_{000}^{(22)}m_{120}^{(10)}m_{012}^{(00)}\\
&-m_{000}^{(22)}m_{120}^{(11)}m_{102}^{(00)} - 2m_{000}^{(22)}(m_{120}^{(20)})^2 + 2m_{000}^{(22)}m_{111}^{(00)}m_{111}^{(11)} - 2m_{000}^{(22)}m_{111}^{(00)}m_{021}^{(10)}\\
&-2m_{000}^{(22)}(m_{111}^{(10)})^2 + 2m_{000}^{(22)}m_{111}^{(10)}m_{021}^{(00)} + m_{000}^{(22)}m_{102}^{(00)}m_{030}^{(10)} - m_{000}^{(22)}m_{102}^{(10)}m_{030}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & V1 & 1 & V2\\
1 & 1 & 2 & 2\\
V2 & 2 & V3 & V3
\end{array}
$$



$$
\begin{aligned}
T_{87} \;=\;& m_{000}^{(00)}m_{120}^{(10)}m_{012}^{(22)} - m_{000}^{(00)}m_{120}^{(10)}m_{003}^{(21)} - m_{000}^{(00)}m_{120}^{(11)}m_{102}^{(22)} + m_{000}^{(00)}m_{120}^{(11)}m_{003}^{(20)}\\
&-m_{000}^{(00)}m_{120}^{(20)}m_{012}^{(21)} + m_{000}^{(00)}m_{120}^{(20)}m_{003}^{(11)} + 2m_{000}^{(00)}m_{120}^{(21)}m_{102}^{(21)} - m_{000}^{(00)}m_{120}^{(21)}m_{012}^{(20)}\\
&-m_{000}^{(00)}m_{120}^{(21)}m_{003}^{(10)} - m_{000}^{(00)}m_{120}^{(22)}m_{102}^{(11)} + m_{000}^{(00)}m_{120}^{(22)}m_{012}^{(10)} - 2m_{000}^{(00)}m_{111}^{(10)}m_{021}^{(22)}\\
&+2m_{000}^{(00)}m_{111}^{(10)}m_{012}^{(21)} + 2m_{000}^{(00)}m_{111}^{(11)}m_{111}^{(22)} - 2m_{000}^{(00)}m_{111}^{(11)}m_{012}^{(20)} + 2m_{000}^{(00)}m_{111}^{(20)}m_{021}^{(21)}\\
&-2m_{000}^{(00)}m_{111}^{(20)}m_{012}^{(11)} - 2m_{000}^{(00)}(m_{111}^{(21)})^2 + 2m_{000}^{(00)}m_{111}^{(21)}m_{021}^{(20)} + 2m_{000}^{(00)}m_{111}^{(21)}m_{012}^{(10)}\\
&-2m_{000}^{(00)}m_{111}^{(22)}m_{021}^{(10)} + m_{000}^{(00)}m_{102}^{(10)}m_{030}^{(22)} - m_{000}^{(00)}m_{102}^{(10)}m_{021}^{(21)} + m_{000}^{(00)}m_{102}^{(11)}m_{021}^{(20)}\\
&-m_{000}^{(00)}m_{102}^{(20)}m_{030}^{(21)} + m_{000}^{(00)}m_{102}^{(20)}m_{021}^{(11)} - m_{000}^{(00)}m_{102}^{(21)}m_{030}^{(20)} - m_{000}^{(00)}m_{102}^{(21)}m_{021}^{(10)}\\
&+m_{000}^{(00)}m_{102}^{(22)}m_{030}^{(10)} - m_{000}^{(00)}m_{030}^{(00)}m_{012}^{(22)} + m_{000}^{(00)}m_{030}^{(00)}m_{003}^{(21)} - m_{000}^{(00)}m_{030}^{(10)}m_{003}^{(20)}\\
&+2m_{000}^{(00)}m_{030}^{(20)}m_{012}^{(20)} - m_{000}^{(00)}m_{030}^{(20)}m_{003}^{(10)} + m_{000}^{(00)}m_{030}^{(21)}m_{003}^{(00)} - m_{000}^{(00)}m_{030}^{(22)}m_{012}^{(00)}
\end{aligned}
$$

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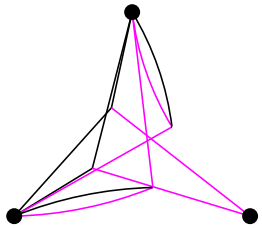
\begin{aligned}
&+2m_{000}^{(00)}m_{021}^{(00)}m_{021}^{(22)} - m_{000}^{(00)}m_{021}^{(00)}m_{012}^{(21)} - m_{000}^{(00)}m_{021}^{(00)}m_{003}^{(11)} + m_{000}^{(00)}m_{021}^{(10)}m_{012}^{(20)}\\
&+2m_{000}^{(00)}m_{021}^{(10)}m_{003}^{(10)} - m_{000}^{(00)}m_{021}^{(11)}m_{003}^{(00)} - 2m_{000}^{(00)}(m_{021}^{(20)})^2 + m_{000}^{(00)}m_{021}^{(20)}m_{012}^{(10)}\\
&-m_{000}^{(00)}m_{021}^{(21)}m_{012}^{(00)} + 2m_{000}^{(00)}m_{012}^{(00)}m_{012}^{(11)} - 2m_{000}^{(00)}(m_{012}^{(10)})^2 - 2m_{000}^{(10)}m_{210}^{(10)}m_{012}^{(22)}\\
&+2m_{000}^{(10)}m_{210}^{(10)}m_{003}^{(21)} + 2m_{000}^{(10)}m_{210}^{(11)}m_{102}^{(22)} - 2m_{000}^{(10)}m_{210}^{(11)}m_{003}^{(20)} + 2m_{000}^{(10)}m_{210}^{(20)}m_{012}^{(21)}\\
&-2m_{000}^{(10)}m_{210}^{(20)}m_{003}^{(11)} - 4m_{000}^{(10)}m_{210}^{(21)}m_{102}^{(21)} + 2m_{000}^{(10)}m_{210}^{(21)}m_{012}^{(20)} + 2m_{000}^{(10)}m_{210}^{(21)}m_{003}^{(10)}\\
&+2m_{000}^{(10)}m_{210}^{(22)}m_{102}^{(11)} - 2m_{000}^{(10)}m_{210}^{(22)}m_{012}^{(10)} + 2m_{000}^{(10)}m_{201}^{(10)}m_{021}^{(22)} - 2m_{000}^{(10)}m_{201}^{(10)}m_{012}^{(21)}\\
&-2m_{000}^{(10)}m_{201}^{(11)}m_{111}^{(22)} + 2m_{000}^{(10)}m_{201}^{(11)}m_{012}^{(20)} - 2m_{000}^{(10)}m_{201}^{(20)}m_{021}^{(21)} + 2m_{000}^{(10)}m_{201}^{(20)}m_{012}^{(11)}\\
&+4m_{000}^{(10)}m_{201}^{(21)}m_{111}^{(21)} - 2m_{000}^{(10)}m_{201}^{(21)}m_{021}^{(20)} - 2m_{000}^{(10)}m_{201}^{(21)}m_{012}^{(10)} - 2m_{000}^{(10)}m_{201}^{(22)}m_{111}^{(11)}\\
&+2m_{000}^{(10)}m_{201}^{(22)}m_{021}^{(10)} + 2m_{000}^{(10)}m_{120}^{(00)}m_{012}^{(22)} - 2m_{000}^{(10)}m_{120}^{(00)}m_{003}^{(21)} - 2m_{000}^{(10)}m_{120}^{(10)}m_{102}^{(22)}\\
&+2m_{000}^{(10)}m_{120}^{(10)}m_{003}^{(20)} + 2m_{000}^{(10)}m_{120}^{(20)}m_{102}^{(21)} - 4m_{000}^{(10)}m_{120}^{(20)}m_{012}^{(20)} + 2m_{000}^{(10)}m_{120}^{(20)}m_{003}^{(10)}\\
&+2m_{000}^{(10)}m_{120}^{(21)}m_{102}^{(20)} - 2m_{000}^{(10)}m_{120}^{(21)}m_{003}^{(00)} - 2m_{000}^{(10)}m_{120}^{(22)}m_{102}^{(10)} + 2m_{000}^{(10)}m_{120}^{(22)}m_{012}^{(00)}\\
&-2m_{000}^{(10)}m_{111}^{(00)}m_{021}^{(22)} + 2m_{000}^{(10)}m_{111}^{(00)}m_{003}^{(11)} + 4m_{000}^{(10)}m_{111}^{(10)}m_{111}^{(22)} - 4m_{000}^{(10)}m_{111}^{(10)}m_{003}^{(10)}\\
&+2m_{000}^{(10)}m_{111}^{(11)}m_{003}^{(00)} - 4m_{000}^{(10)}m_{111}^{(20)}m_{111}^{(21)} + 4m_{000}^{(10)}m_{111}^{(20)}m_{021}^{(20)} - 2m_{000}^{(10)}m_{111}^{(22)}m_{021}^{(00)}\\
&+2m_{000}^{(10)}m_{102}^{(00)}m_{021}^{(21)} - 2m_{000}^{(10)}m_{102}^{(00)}m_{012}^{(11)} - 2m_{000}^{(10)}m_{102}^{(10)}m_{021}^{(20)} + 4m_{000}^{(10)}m_{102}^{(10)}m_{012}^{(10)}\\
&-2m_{000}^{(10)}m_{102}^{(11)}m_{012}^{(00)} - 2m_{000}^{(10)}m_{102}^{(20)}m_{021}^{(10)} + 2m_{000}^{(10)}m_{102}^{(21)}m_{021}^{(00)} + m_{000}^{(11)}m_{300}^{(10)}m_{012}^{(22)}\\
&-m_{000}^{(11)}m_{300}^{(10)}m_{003}^{(21)} - m_{000}^{(11)}m_{300}^{(11)}m_{102}^{(22)} + m_{000}^{(11)}m_{300}^{(11)}m_{003}^{(20)} - m_{000}^{(11)}m_{300}^{(20)}m_{012}^{(21)}\\
&+m_{000}^{(11)}m_{300}^{(20)}m_{003}^{(11)} + 2m_{000}^{(11)}m_{300}^{(21)}m_{102}^{(21)} - m_{000}^{(11)}m_{300}^{(21)}m_{012}^{(20)} - m_{000}^{(11)}m_{300}^{(21)}m_{003}^{(10)}\\
&-m_{000}^{(11)}m_{300}^{(22)}m_{102}^{(11)} + m_{000}^{(11)}m_{300}^{(22)}m_{012}^{(10)} - m_{000}^{(11)}m_{210}^{(00)}m_{012}^{(22)} + m_{000}^{(11)}m_{210}^{(00)}m_{003}^{(21)}\\
&+m_{000}^{(11)}m_{210}^{(10)}m_{102}^{(22)} - m_{000}^{(11)}m_{210}^{(10)}m_{003}^{(20)} - m_{000}^{(11)}m_{210}^{(20)}m_{102}^{(21)} + 2m_{000}^{(11)}m_{210}^{(20)}m_{012}^{(20)}\\
&-m_{000}^{(11)}m_{210}^{(20)}m_{003}^{(10)} - m_{000}^{(11)}m_{210}^{(21)}m_{102}^{(20)} + m_{000}^{(11)}m_{210}^{(21)}m_{003}^{(00)} + m_{000}^{(11)}m_{210}^{(22)}m_{102}^{(10)}\\
&-m_{000}^{(11)}m_{210}^{(22)}m_{012}^{(00)} + m_{000}^{(11)}m_{201}^{(00)}m_{012}^{(21)} - m_{000}^{(11)}m_{201}^{(00)}m_{003}^{(11)} - 2m_{000}^{(11)}m_{201}^{(10)}m_{111}^{(22)}\\
&+m_{000}^{(11)}m_{201}^{(10)}m_{102}^{(21)} - m_{000}^{(11)}m_{201}^{(10)}m_{012}^{(20)} + 2m_{000}^{(11)}m_{201}^{(10)}m_{003}^{(10)} + 2m_{000}^{(11)}m_{201}^{(11)}m_{201}^{(22)}\\
&-m_{000}^{(11)}m_{201}^{(11)}m_{102}^{(20)} - m_{000}^{(11)}m_{201}^{(11)}m_{003}^{(00)} + 2m_{000}^{(11)}m_{201}^{(20)}m_{111}^{(21)} - m_{000}^{(11)}m_{201}^{(20)}m_{102}^{(11)}\\
&-m_{000}^{(11)}m_{201}^{(20)}m_{012}^{(10)} - 2m_{000}^{(11)}(m_{201}^{(21)})^2 + 2m_{000}^{(11)}m_{201}^{(21)}m_{111}^{(20)} + m_{000}^{(11)}m_{201}^{(21)}m_{102}^{(10)}\\
&+m_{000}^{(11)}m_{201}^{(21)}m_{012}^{(00)} - 2m_{000}^{(11)}m_{201}^{(22)}m_{111}^{(10)} + 2m_{000}^{(11)}m_{111}^{(00)}m_{111}^{(22)} - 2m_{000}^{(11)}m_{111}^{(00)}m_{102}^{(21)}\\
&+2m_{000}^{(11)}m_{111}^{(10)}m_{102}^{(20)} - 2m_{000}^{(11)}(m_{111}^{(20)})^2 + 2m_{000}^{(11)}m_{111}^{(20)}m_{102}^{(10)} - 2m_{000}^{(11)}m_{111}^{(21)}m_{102}^{(00)}\\
&+2m_{000}^{(11)}m_{102}^{(00)}m_{102}^{(11)} - 2m_{000}^{(11)}(m_{102}^{(10)})^2 + 2m_{000}^{(20)}m_{210}^{(10)}m_{021}^{(22)} - 2m_{000}^{(20)}m_{210}^{(10)}m_{012}^{(21)}\\
&-2m_{000}^{(20)}m_{210}^{(11)}m_{111}^{(22)} + 2m_{000}^{(20)}m_{210}^{(11)}m_{012}^{(20)} - 2m_{000}^{(20)}m_{210}^{(20)}m_{021}^{(21)} + 2m_{000}^{(20)}m_{210}^{(20)}m_{012}^{(11)}\\
&+4m_{000}^{(20)}m_{210}^{(21)}m_{111}^{(21)} - 2m_{000}^{(20)}m_{210}^{(21)}m_{021}^{(20)} - 2m_{000}^{(20)}m_{210}^{(21)}m_{012}^{(10)} - 2m_{000}^{(20)}m_{210}^{(22)}m_{111}^{(11)}\\
&+2m_{000}^{(20)}m_{210}^{(22)}m_{021}^{(10)} - 2m_{000}^{(20)}m_{201}^{(10)}m_{030}^{(22)} + 2m_{000}^{(20)}m_{201}^{(10)}m_{021}^{(21)} + 2m_{000}^{(20)}m_{201}^{(11)}m_{120}^{(22)}\\
&-2m_{000}^{(20)}m_{201}^{(11)}m_{021}^{(20)} + 2m_{000}^{(20)}m_{201}^{(20)}m_{030}^{(21)} - 2m_{000}^{(20)}m_{201}^{(20)}m_{021}^{(11)} - 4m_{000}^{(20)}m_{201}^{(21)}m_{120}^{(21)}\\
&+2m_{000}^{(20)}m_{201}^{(21)}m_{030}^{(20)} + 2m_{000}^{(20)}m_{201}^{(21)}m_{021}^{(10)} + 2m_{000}^{(20)}m_{201}^{(22)}m_{120}^{(11)} - 2m_{000}^{(20)}m_{201}^{(22)}m_{030}^{(10)}\\
&-2m_{000}^{(20)}m_{120}^{(00)}m_{021}^{(22)} + 2m_{000}^{(20)}m_{120}^{(00)}m_{012}^{(21)} + 2m_{000}^{(20)}m_{120}^{(10)}m_{102}^{(21)} - 2m_{000}^{(20)}m_{120}^{(10)}m_{012}^{(20)}\\
&-2m_{000}^{(20)}m_{120}^{(11)}m_{102}^{(20)} - 2m_{000}^{(20)}m_{120}^{(20)}m_{102}^{(11)} + 4m_{000}^{(20)}m_{120}^{(20)}m_{021}^{(20)} - 2m_{000}^{(20)}m_{120}^{(20)}m_{012}^{(10)}\\
&+2m_{000}^{(20)}m_{120}^{(21)}m_{102}^{(10)} + 2m_{000}^{(20)}m_{120}^{(21)}m_{012}^{(00)} - 2m_{000}^{(20)}m_{120}^{(22)}m_{021}^{(00)} + 2m_{000}^{(20)}m_{111}^{(00)}m_{030}^{(22)}\\
&-2m_{000}^{(20)}m_{111}^{(00)}m_{012}^{(11)} - 4m_{000}^{(20)}m_{111}^{(10)}m_{111}^{(21)} + 4m_{000}^{(20)}m_{111}^{(10)}m_{012}^{(10)} + 4m_{000}^{(20)}m_{111}^{(11)}m_{111}^{(20)}\\
&-2m_{000}^{(20)}m_{111}^{(11)}m_{012}^{(00)} - 4m_{000}^{(20)}m_{111}^{(20)}m_{030}^{(20)} + 2m_{000}^{(20)}m_{111}^{(22)}m_{030}^{(00)} - 2m_{000}^{(20)}m_{102}^{(00)}m_{030}^{(21)}\\
&+2m_{000}^{(20)}m_{102}^{(00)}m_{021}^{(11)} + 2m_{000}^{(20)}m_{102}^{(10)}m_{030}^{(20)} - 4m_{000}^{(20)}m_{102}^{(10)}m_{021}^{(10)} + 2m_{000}^{(20)}m_{102}^{(11)}m_{021}^{(00)}
\end{aligned}
$$

$$
\begin{aligned}
&+2m_{000}^{(20)}m_{102}^{(20)}m_{030}^{(10)} - 2m_{000}^{(20)}m_{102}^{(21)}m_{030}^{(00)} - 2m_{000}^{(21)}m_{300}^{(10)}m_{021}^{(22)} + 2m_{000}^{(21)}m_{300}^{(10)}m_{012}^{(21)}\\
&+2m_{000}^{(21)}m_{300}^{(11)}m_{111}^{(22)} - 2m_{000}^{(21)}m_{300}^{(11)}m_{012}^{(20)} + 2m_{000}^{(21)}m_{300}^{(20)}m_{021}^{(21)} - 2m_{000}^{(21)}m_{300}^{(20)}m_{012}^{(11)}\\
&-4m_{000}^{(21)}m_{300}^{(21)}m_{111}^{(21)} + 2m_{000}^{(21)}m_{300}^{(21)}m_{021}^{(20)} + 2m_{000}^{(21)}m_{300}^{(21)}m_{012}^{(10)} + 2m_{000}^{(21)}m_{300}^{(22)}m_{111}^{(11)}\\
&-2m_{000}^{(21)}m_{300}^{(22)}m_{021}^{(10)} + 2m_{000}^{(21)}m_{210}^{(00)}m_{021}^{(22)} - 2m_{000}^{(21)}m_{210}^{(00)}m_{012}^{(21)} - 2m_{000}^{(21)}m_{210}^{(10)}m_{102}^{(21)}\\
&+2m_{000}^{(21)}m_{210}^{(10)}m_{012}^{(20)} - 2m_{000}^{(21)}m_{210}^{(11)}m_{201}^{(22)} + 2m_{000}^{(21)}m_{210}^{(11)}m_{102}^{(20)} + 2m_{000}^{(21)}m_{210}^{(20)}m_{102}^{(11)}\\
&-4m_{000}^{(21)}m_{210}^{(20)}m_{021}^{(20)} + 2m_{000}^{(21)}m_{210}^{(20)}m_{012}^{(10)} + 4m_{000}^{(21)}m_{210}^{(21)}m_{201}^{(21)} - 2m_{000}^{(21)}m_{210}^{(21)}m_{102}^{(10)}\\
&-2m_{000}^{(21)}m_{210}^{(21)}m_{012}^{(00)} - 2m_{000}^{(21)}m_{210}^{(22)}m_{201}^{(11)} + 2m_{000}^{(21)}m_{210}^{(22)}m_{021}^{(00)} - 2m_{000}^{(21)}m_{201}^{(00)}m_{021}^{(21)}\\
&+2m_{000}^{(21)}m_{201}^{(00)}m_{012}^{(11)} + 2m_{000}^{(21)}m_{201}^{(10)}m_{120}^{(22)} + 2m_{000}^{(21)}m_{201}^{(10)}m_{021}^{(20)} - 4m_{000}^{(21)}m_{201}^{(10)}m_{012}^{(10)}\\
&+2m_{000}^{(21)}m_{201}^{(11)}m_{012}^{(00)} - 2m_{000}^{(21)}m_{201}^{(20)}m_{120}^{(21)} + 2m_{000}^{(21)}m_{201}^{(20)}m_{021}^{(10)} - 2m_{000}^{(21)}m_{201}^{(21)}m_{120}^{(20)}\\
&-2m_{000}^{(21)}m_{201}^{(21)}m_{021}^{(00)} + 2m_{000}^{(21)}m_{201}^{(22)}m_{120}^{(10)} - 2m_{000}^{(21)}m_{120}^{(00)}m_{111}^{(22)} + 2m_{000}^{(21)}m_{120}^{(00)}m_{102}^{(21)}\\
&-2m_{000}^{(21)}m_{120}^{(10)}m_{102}^{(20)} + 4m_{000}^{(21)}m_{120}^{(20)}m_{111}^{(20)} - 2m_{000}^{(21)}m_{120}^{(20)}m_{102}^{(10)} + 2m_{000}^{(21)}m_{120}^{(21)}m_{102}^{(00)}\\
&-2m_{000}^{(21)}m_{120}^{(22)}m_{111}^{(00)} + 4m_{000}^{(21)}m_{111}^{(00)}m_{111}^{(21)} - 2m_{000}^{(21)}m_{111}^{(00)}m_{102}^{(11)} - 4m_{000}^{(21)}m_{111}^{(10)}m_{111}^{(20)}\\
&+4m_{000}^{(21)}m_{111}^{(10)}m_{102}^{(10)} - 2m_{000}^{(21)}m_{111}^{(11)}m_{102}^{(00)} + m_{000}^{(22)}m_{300}^{(10)}m_{030}^{(22)} - m_{000}^{(22)}m_{300}^{(10)}m_{021}^{(21)}\\
&-m_{000}^{(22)}m_{300}^{(11)}m_{120}^{(22)} + m_{000}^{(22)}m_{300}^{(11)}m_{021}^{(20)} - m_{000}^{(22)}m_{300}^{(20)}m_{030}^{(21)} + m_{000}^{(22)}m_{300}^{(20)}m_{021}^{(11)}\\
&+2m_{000}^{(22)}m_{300}^{(21)}m_{120}^{(21)} - m_{000}^{(22)}m_{300}^{(21)}m_{030}^{(20)} - m_{000}^{(22)}m_{300}^{(21)}m_{021}^{(10)} - m_{000}^{(22)}m_{300}^{(22)}m_{120}^{(11)}\\
&+m_{000}^{(22)}m_{300}^{(22)}m_{030}^{(10)} - m_{000}^{(22)}m_{210}^{(00)}m_{030}^{(22)} + m_{000}^{(22)}m_{210}^{(00)}m_{021}^{(21)} - m_{000}^{(22)}m_{210}^{(10)}m_{120}^{(22)}\\
&+2m_{000}^{(22)}m_{210}^{(10)}m_{111}^{(21)} - m_{000}^{(22)}m_{210}^{(10)}m_{021}^{(20)} + 2m_{000}^{(22)}m_{210}^{(11)}m_{210}^{(22)} - 2m_{000}^{(22)}m_{210}^{(11)}m_{111}^{(20)}\\
&+m_{000}^{(22)}m_{210}^{(20)}m_{120}^{(21)} - 2m_{000}^{(22)}m_{210}^{(20)}m_{111}^{(11)} + 2m_{000}^{(22)}m_{210}^{(20)}m_{030}^{(20)} - m_{000}^{(22)}m_{210}^{(20)}m_{021}^{(10)}\\
&-2m_{000}^{(22)}(m_{210}^{(21)})^2 + m_{000}^{(22)}m_{210}^{(21)}m_{120}^{(20)} + 2m_{000}^{(22)}m_{210}^{(21)}m_{111}^{(10)} + m_{000}^{(22)}m_{210}^{(21)}m_{021}^{(00)}\\
&-m_{000}^{(22)}m_{210}^{(22)}m_{120}^{(10)} - m_{000}^{(22)}m_{210}^{(22)}m_{030}^{(00)} + m_{000}^{(22)}m_{201}^{(00)}m_{030}^{(21)} - m_{000}^{(22)}m_{201}^{(00)}m_{021}^{(11)}\\
&-m_{000}^{(22)}m_{201}^{(10)}m_{120}^{(21)} - m_{000}^{(22)}m_{201}^{(10)}m_{030}^{(20)} + 2m_{000}^{(22)}m_{201}^{(10)}m_{021}^{(10)} + m_{000}^{(22)}m_{201}^{(11)}m_{120}^{(20)}\\
&-m_{000}^{(22)}m_{201}^{(11)}m_{021}^{(00)} + m_{000}^{(22)}m_{201}^{(20)}m_{120}^{(11)} - m_{000}^{(22)}m_{201}^{(20)}m_{030}^{(10)} - m_{000}^{(22)}m_{201}^{(21)}m_{120}^{(10)}\\
&+m_{000}^{(22)}m_{201}^{(21)}m_{030}^{(00)} + 2m_{000}^{(22)}m_{120}^{(00)}m_{120}^{(22)} - 2m_{000}^{(22)}m_{120}^{(00)}m_{111}^{(21)} + 2m_{000}^{(22)}m_{120}^{(10)}m_{111}^{(20)}\\
&-2m_{000}^{(22)}(m_{120}^{(20)})^2 + 2m_{000}^{(22)}m_{120}^{(20)}m_{111}^{(10)} - 2m_{000}^{(22)}m_{120}^{(21)}m_{111}^{(00)} + 2m_{000}^{(22)}m_{111}^{(00)}m_{111}^{(11)}\\
&-2m_{000}^{(22)}(m_{111}^{(10)})^2
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & V1 & 1 & 1\\
1 & V2 & 2 & 2\\
V2 & 2 & V3 & V3
\end{array}
$$



$$
\begin{aligned}
T_{88} \;=\;& -m^{(10)}_{300}m^{(21)}_{120}m^{(22)}_{012} + m^{(10)}_{300}m^{(21)}_{120}m^{(21)}_{003} + m^{(10)}_{300}m^{(22)}_{120}m^{(21)}_{012} - m^{(10)}_{300}m^{(22)}_{120}m^{(11)}_{003} \\
& +2m^{(10)}_{300}m^{(21)}_{111}m^{(22)}_{021} - 2m^{(10)}_{300}m^{(21)}_{111}m^{(21)}_{012} - 2m^{(10)}_{300}m^{(22)}_{111}m^{(21)}_{021} + 2m^{(10)}_{300}m^{(22)}_{111}m^{(11)}_{012} \\
& -m^{(10)}_{300}m^{(21)}_{102}m^{(22)}_{030} + m^{(10)}_{300}m^{(21)}_{102}m^{(21)}_{021} + m^{(10)}_{300}m^{(22)}_{102}m^{(21)}_{030} - m^{(10)}_{300}m^{(22)}_{102}m^{(11)}_{021} \\
& -m^{(10)}_{300}m^{(21)}_{030}m^{(20)}_{003} + m^{(10)}_{300}m^{(22)}_{030}m^{(10)}_{003} + m^{(10)}_{300}m^{(10)}_{021}m^{(22)}_{012} - m^{(10)}_{300}m^{(10)}_{021}m^{(21)}_{003} \\
& +m^{(10)}_{300}m^{(11)}_{021}m^{(20)}_{003} - m^{(10)}_{300}m^{(20)}_{021}m^{(21)}_{012} + m^{(10)}_{300}m^{(20)}_{021}m^{(11)}_{003} + 2m^{(10)}_{300}m^{(21)}_{021}m^{(20)}_{012} \\
& -m^{(10)}_{300}m^{(21)}_{021}m^{(10)}_{003} - 2m^{(10)}_{300}m^{(22)}_{021}m^{(10)}_{012} + 2m^{(10)}_{300}m^{(10)}_{012}m^{(21)}_{012} - 2m^{(10)}_{300}m^{(11)}_{012}m^{(20)}_{012} \\
& +m^{(11)}_{300}m^{(20)}_{120}m^{(22)}_{012} - m^{(11)}_{300}m^{(20)}_{120}m^{(21)}_{003} - m^{(11)}_{300}m^{(22)}_{120}m^{(20)}_{012} + m^{(11)}_{300}m^{(22)}_{120}m^{(10)}_{003} \\
& -2m^{(11)}_{300}m^{(20)}_{111}m^{(22)}_{021} + 2m^{(11)}_{300}m^{(20)}_{111}m^{(21)}_{012} + 2m^{(11)}_{300}m^{(22)}_{111}m^{(20)}_{021} - 2m^{(11)}_{300}m^{(22)}_{111}m^{(10)}_{012} \\
& +m^{(11)}_{300}m^{(20)}_{102}m^{(22)}_{030} - m^{(11)}_{300}m^{(20)}_{102}m^{(21)}_{021} - m^{(11)}_{300}m^{(22)}_{102}m^{(20)}_{030} + m^{(11)}_{300}m^{(22)}_{102}m^{(10)}_{021} \\
& +m^{(11)}_{300}m^{(20)}_{030}m^{(20)}_{003} - m^{(11)}_{300}m^{(22)}_{030}m^{(00)}_{003} - m^{(11)}_{300}m^{(00)}_{021}m^{(22)}_{012} + m^{(11)}_{300}m^{(00)}_{021}m^{(21)}_{003} \\
& -m^{(11)}_{300}m^{(10)}_{021}m^{(20)}_{003} - m^{(11)}_{300}m^{(20)}_{021}m^{(20)}_{012} - m^{(11)}_{300}m^{(20)}_{021}m^{(10)}_{003} + m^{(11)}_{300}m^{(21)}_{021}m^{(00)}_{003} \\
& +2m^{(11)}_{300}m^{(22)}_{021}m^{(00)}_{012} - 2m^{(11)}_{300}m^{(00)}_{012}m^{(21)}_{012} + 2m^{(11)}_{300}m^{(10)}_{012}m^{(20)}_{012} + m^{(20)}_{300}m^{(11)}_{120}m^{(22)}_{012} \\
& -m^{(20)}_{300}m^{(11)}_{120}m^{(21)}_{003} - m^{(20)}_{300}m^{(21)}_{120}m^{(21)}_{012} + m^{(20)}_{300}m^{(21)}_{120}m^{(11)}_{003} - 2m^{(20)}_{300}m^{(11)}_{111}m^{(22)}_{021} \\
& +2m^{(20)}_{300}m^{(11)}_{111}m^{(21)}_{012} + 2m^{(20)}_{300}m^{(21)}_{111}m^{(21)}_{021} - 2m^{(20)}_{300}m^{(21)}_{111}m^{(11)}_{012} + m^{(20)}_{300}m^{(11)}_{102}m^{(22)}_{030} \\
& -m^{(20)}_{300}m^{(11)}_{102}m^{(21)}_{021} - m^{(20)}_{300}m^{(21)}_{102}m^{(21)}_{030} + m^{(20)}_{300}m^{(21)}_{102}m^{(11)}_{021} - m^{(20)}_{300}m^{(10)}_{030}m^{(22)}_{012} \\
& +m^{(20)}_{300}m^{(10)}_{030}m^{(21)}_{003} + m^{(20)}_{300}m^{(20)}_{030}m^{(21)}_{012} - m^{(20)}_{300}m^{(20)}_{030}m^{(11)}_{003} + m^{(20)}_{300}m^{(21)}_{030}m^{(20)}_{012} \\
& -m^{(20)}_{300}m^{(22)}_{030}m^{(10)}_{012} + 2m^{(20)}_{300}m^{(10)}_{021}m^{(22)}_{021} - 2m^{(20)}_{300}m^{(10)}_{021}m^{(21)}_{012} - m^{(20)}_{300}m^{(11)}_{021}m^{(20)}_{012} \\
& -2m^{(20)}_{300}m^{(20)}_{021}m^{(21)}_{021} + 2m^{(20)}_{300}m^{(20)}_{021}m^{(11)}_{012} + m^{(20)}_{300}m^{(21)}_{021}m^{(10)}_{012} - m^{(21)}_{300}m^{(10)}_{120}m^{(22)}_{012} \\
& +m^{(21)}_{300}m^{(10)}_{120}m^{(21)}_{003} - m^{(21)}_{300}m^{(20)}_{120}m^{(21)}_{012} + m^{(21)}_{300}m^{(20)}_{120}m^{(11)}_{003} + 2m^{(21)}_{300}m^{(21)}_{120}m^{(20)}_{012} \\
& -2m^{(21)}_{300}m^{(21)}_{120}m^{(10)}_{003} + 2m^{(21)}_{300}m^{(10)}_{111}m^{(22)}_{021} - 2m^{(21)}_{300}m^{(10)}_{111}m^{(21)}_{012} + 2m^{(21)}_{300}m^{(20)}_{111}m^{(21)}_{021} \\
& -2m^{(21)}_{300}m^{(20)}_{111}m^{(11)}_{012} - 4m^{(21)}_{300}m^{(21)}_{111}m^{(20)}_{021} + 4m^{(21)}_{300}m^{(21)}_{111}m^{(10)}_{012} - m^{(21)}_{300}m^{(10)}_{102}m^{(22)}_{030} \\
& +m^{(21)}_{300}m^{(10)}_{102}m^{(21)}_{021} - m^{(21)}_{300}m^{(20)}_{102}m^{(21)}_{030} + m^{(21)}_{300}m^{(20)}_{102}m^{(11)}_{021} + 2m^{(21)}_{300}m^{(21)}_{102}m^{(20)}_{030} \\
& -2m^{(21)}_{300}m^{(21)}_{102}m^{(10)}_{021} + m^{(21)}_{300}m^{(00)}_{030}m^{(22)}_{012} - m^{(21)}_{300}m^{(00)}_{030}m^{(21)}_{003} - 2m^{(21)}_{300}m^{(20)}_{030}m^{(20)}_{012} \\
& +m^{(21)}_{300}m^{(21)}_{030}m^{(00)}_{003} + m^{(21)}_{300}m^{(22)}_{030}m^{(00)}_{012} - 2m^{(21)}_{300}m^{(00)}_{021}m^{(22)}_{021} + 3m^{(21)}_{300}m^{(00)}_{021}m^{(21)}_{012} \\
& -m^{(21)}_{300}m^{(00)}_{021}m^{(11)}_{003} + 2m^{(21)}_{300}m^{(10)}_{021}m^{(10)}_{003} - m^{(21)}_{300}m^{(11)}_{021}m^{(00)}_{003} + 2m^{(21)}_{300}(m^{(20)}_{021})^2 \\
& -3m^{(21)}_{300}m^{(21)}_{021}m^{(00)}_{012} + 2m^{(21)}_{300}m^{(00)}_{012}m^{(11)}_{012} - 2m^{(21)}_{300}(m^{(10)}_{012})^2 + m^{(22)}_{300}m^{(10)}_{120}m^{(21)}_{012} \\
& -m^{(22)}_{300}m^{(10)}_{120}m^{(11)}_{003} - m^{(22)}_{300}m^{(11)}_{120}m^{(20)}_{012} + m^{(22)}_{300}m^{(11)}_{120}m^{(10)}_{003} - 2m^{(22)}_{300}m^{(10)}_{111}m^{(21)}_{021} \\
& +2m^{(22)}_{300}m^{(10)}_{111}m^{(11)}_{012} + 2m^{(22)}_{300}m^{(11)}_{111}m^{(20)}_{021} - 2m^{(22)}_{300}m^{(11)}_{111}m^{(10)}_{012} + m^{(22)}_{300}m^{(10)}_{102}m^{(21)}_{030} \\
& -m^{(22)}_{300}m^{(10)}_{102}m^{(11)}_{021} - m^{(22)}_{300}m^{(11)}_{102}m^{(20)}_{030} + m^{(22)}_{300}m^{(11)}_{102}m^{(10)}_{021} - m^{(22)}_{300}m^{(00)}_{030}m^{(21)}_{012} \\
& +m^{(22)}_{300}m^{(00)}_{030}m^{(11)}_{003} + m^{(22)}_{300}m^{(10)}_{030}m^{(20)}_{012} - m^{(22)}_{300}m^{(10)}_{030}m^{(10)}_{003} + m^{(22)}_{300}m^{(20)}_{030}m^{(10)}_{012} \\
& -m^{(22)}_{300}m^{(21)}_{030}m^{(00)}_{012} + 2m^{(22)}_{300}m^{(00)}_{021}m^{(21)}_{021} - 2m^{(22)}_{300}m^{(00)}_{021}m^{(11)}_{012} - 2m^{(22)}_{300}m^{(10)}_{021}m^{(20)}_{021} \\
& +m^{(22)}_{300}m^{(10)}_{021}m^{(10)}_{012} + m^{(22)}_{300}m^{(11)}_{021}m^{(00)}_{012} + m^{(00)}_{210}m^{(21)}_{120}m^{(22)}_{012} - m^{(00)}_{210}m^{(21)}_{120}m^{(21)}_{003} \\
& -m^{(00)}_{210}m^{(22)}_{120}m^{(21)}_{012} + m^{(00)}_{210}m^{(22)}_{120}m^{(11)}_{003} - 2m^{(00)}_{210}m^{(21)}_{111}m^{(22)}_{021} + 2m^{(00)}_{210}m^{(21)}_{111}m^{(21)}_{012} \\
& +2m^{(00)}_{210}m^{(22)}_{111}m^{(21)}_{021} - 2m^{(00)}_{210}m^{(22)}_{111}m^{(11)}_{012} + m^{(00)}_{210}m^{(21)}_{102}m^{(22)}_{030} - m^{(00)}_{210}m^{(21)}_{102}m^{(21)}_{021} \\
& -m^{(00)}_{210}m^{(22)}_{102}m^{(21)}_{030} + m^{(00)}_{210}m^{(22)}_{102}m^{(11)}_{021} + m^{(00)}_{210}m^{(21)}_{030}m^{(20)}_{003} - m^{(00)}_{210}m^{(22)}_{030}m^{(10)}_{003} \\
& -m^{(00)}_{210}m^{(10)}_{021}m^{(22)}_{012} + m^{(00)}_{210}m^{(10)}_{021}m^{(21)}_{003} - m^{(00)}_{210}m^{(11)}_{021}m^{(20)}_{003} + m^{(00)}_{210}m^{(20)}_{021}m^{(21)}_{012} \\
& -m^{(00)}_{210}m^{(20)}_{021}m^{(11)}_{003} - 2m^{(00)}_{210}m^{(21)}_{021}m^{(20)}_{012} + m^{(00)}_{210}m^{(21)}_{021}m^{(10)}_{003} + 2m^{(00)}_{210}m^{(22)}_{021}m^{(10)}_{012} \\
& -2m^{(00)}_{210}m^{(10)}_{012}m^{(21)}_{012} + 2m^{(00)}_{210}m^{(11)}_{012}m^{(20)}_{012} + 2m^{(10)}_{210}m^{(21)}_{210}m^{(22)}_{012} - 2m^{(10)}_{210}m^{(21)}_{210}m^{(21)}_{003}
\end{aligned}
$$

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\begin{aligned}
&-2m_{210}^{(10)}m_{210}^{(22)}m_{012}^{(21)} + 2m_{210}^{(10)}m_{210}^{(22)}m_{003}^{(11)} - 2m_{210}^{(10)}m_{201}^{(21)}m_{021}^{(22)} + 2m_{210}^{(10)}m_{201}^{(21)}m_{012}^{(21)}\\
&+2m_{210}^{(10)}m_{201}^{(22)}m_{021}^{(21)} - 2m_{210}^{(10)}m_{201}^{(22)}m_{012}^{(11)} - m_{210}^{(10)}m_{120}^{(20)}m_{012}^{(22)} + m_{210}^{(10)}m_{120}^{(20)}m_{003}^{(21)}\\
&-2m_{210}^{(10)}m_{120}^{(21)}m_{102}^{(22)} + 2m_{210}^{(10)}m_{120}^{(21)}m_{003}^{(20)} + 2m_{210}^{(10)}m_{120}^{(22)}m_{102}^{(21)} + m_{210}^{(10)}m_{120}^{(22)}m_{012}^{(20)}\\
&-3m_{210}^{(10)}m_{120}^{(22)}m_{003}^{(10)} - 2m_{210}^{(10)}m_{111}^{(10)}m_{012}^{(22)} + 2m_{210}^{(10)}m_{111}^{(10)}m_{003}^{(21)} + 2m_{210}^{(10)}m_{111}^{(11)}m_{102}^{(22)}\\
&-2m_{210}^{(10)}m_{111}^{(11)}m_{003}^{(20)} + 2m_{210}^{(10)}m_{111}^{(20)}m_{021}^{(22)} - 2m_{210}^{(10)}m_{111}^{(20)}m_{003}^{(11)} - 2m_{210}^{(10)}m_{111}^{(21)}m_{012}^{(20)}\\
&+2m_{210}^{(10)}m_{111}^{(21)}m_{003}^{(10)} - 2m_{210}^{(10)}m_{111}^{(22)}m_{102}^{(11)} - 2m_{210}^{(10)}m_{111}^{(22)}m_{021}^{(20)} + 4m_{210}^{(10)}m_{111}^{(22)}m_{012}^{(10)}\\
&+2m_{210}^{(10)}m_{102}^{(10)}m_{021}^{(22)} - 2m_{210}^{(10)}m_{102}^{(10)}m_{012}^{(21)} + 2m_{210}^{(10)}m_{102}^{(11)}m_{012}^{(20)} - m_{210}^{(10)}m_{102}^{(20)}m_{030}^{(22)}\\
&-m_{210}^{(10)}m_{102}^{(20)}m_{021}^{(21)} + 2m_{210}^{(10)}m_{102}^{(20)}m_{012}^{(11)} - 2m_{210}^{(10)}m_{102}^{(21)}m_{012}^{(10)} + m_{210}^{(10)}m_{102}^{(22)}m_{030}^{(20)}\\
&-m_{210}^{(10)}m_{102}^{(22)}m_{021}^{(10)} - m_{210}^{(10)}m_{030}^{(20)}m_{003}^{(20)} + m_{210}^{(10)}m_{030}^{(22)}m_{003}^{(00)} + m_{210}^{(10)}m_{021}^{(00)}m_{012}^{(22)}\\
&-m_{210}^{(10)}m_{021}^{(00)}m_{003}^{(21)} + m_{210}^{(10)}m_{021}^{(10)}m_{003}^{(20)} + m_{210}^{(10)}m_{021}^{(20)}m_{012}^{(20)} + m_{210}^{(10)}m_{021}^{(20)}m_{003}^{(10)}\\
&-m_{210}^{(10)}m_{021}^{(21)}m_{003}^{(00)} - 2m_{210}^{(10)}m_{021}^{(22)}m_{012}^{(00)} + 2m_{210}^{(10)}m_{012}^{(00)}m_{012}^{(21)} - 2m_{210}^{(10)}m_{012}^{(10)}m_{012}^{(20)}\\
&-2m_{210}^{(11)}m_{210}^{(20)}m_{012}^{(22)} + 2m_{210}^{(11)}m_{210}^{(20)}m_{003}^{(21)} + 2m_{210}^{(11)}m_{210}^{(22)}m_{012}^{(20)} - 2m_{210}^{(11)}m_{210}^{(22)}m_{003}^{(10)}\\
&+2m_{210}^{(11)}m_{201}^{(20)}m_{021}^{(22)} - 2m_{210}^{(11)}m_{201}^{(20)}m_{012}^{(21)} - 2m_{210}^{(11)}m_{201}^{(22)}m_{021}^{(20)} + 2m_{210}^{(11)}m_{201}^{(22)}m_{012}^{(10)}\\
&+2m_{210}^{(11)}m_{120}^{(20)}m_{102}^{(22)} - 2m_{210}^{(11)}m_{120}^{(20)}m_{003}^{(20)} - 2m_{210}^{(11)}m_{120}^{(22)}m_{102}^{(20)} + 2m_{210}^{(11)}m_{120}^{(22)}m_{003}^{(00)}\\
&+2m_{210}^{(11)}m_{111}^{(00)}m_{012}^{(22)} - 2m_{210}^{(11)}m_{111}^{(00)}m_{003}^{(21)} - 2m_{210}^{(11)}m_{111}^{(10)}m_{102}^{(22)} + 2m_{210}^{(11)}m_{111}^{(10)}m_{003}^{(20)}\\
&-2m_{210}^{(11)}m_{111}^{(20)}m_{102}^{(21)} + 2m_{210}^{(11)}m_{111}^{(20)}m_{003}^{(10)} + 2m_{210}^{(11)}m_{111}^{(21)}m_{102}^{(20)} - 2m_{210}^{(11)}m_{111}^{(21)}m_{003}^{(00)}\\
&+2m_{210}^{(11)}m_{111}^{(22)}m_{102}^{(10)} - 2m_{210}^{(11)}m_{111}^{(22)}m_{012}^{(00)} - 2m_{210}^{(11)}m_{102}^{(00)}m_{021}^{(22)} + 2m_{210}^{(11)}m_{102}^{(00)}m_{012}^{(21)}\\
&-2m_{210}^{(11)}m_{102}^{(10)}m_{012}^{(20)} + 2m_{210}^{(11)}m_{102}^{(20)}m_{021}^{(20)} - 2m_{210}^{(11)}m_{102}^{(20)}m_{012}^{(10)} + 2m_{210}^{(11)}m_{102}^{(21)}m_{012}^{(00)}\\
&+2m_{210}^{(20)}m_{210}^{(21)}m_{012}^{(21)} - 2m_{210}^{(20)}m_{210}^{(21)}m_{003}^{(11)} + 2m_{210}^{(20)}m_{201}^{(11)}m_{021}^{(22)} - 2m_{210}^{(20)}m_{201}^{(11)}m_{012}^{(21)}\\
&-2m_{210}^{(20)}m_{201}^{(21)}m_{021}^{(21)} + 2m_{210}^{(20)}m_{201}^{(21)}m_{012}^{(11)} + 2m_{210}^{(20)}m_{120}^{(10)}m_{012}^{(22)} - 2m_{210}^{(20)}m_{120}^{(10)}m_{003}^{(21)}\\
&-m_{210}^{(20)}m_{120}^{(11)}m_{102}^{(22)} + m_{210}^{(20)}m_{120}^{(11)}m_{003}^{(20)} - m_{210}^{(20)}m_{120}^{(20)}m_{012}^{(21)} + m_{210}^{(20)}m_{120}^{(20)}m_{003}^{(11)}\\
&+4m_{210}^{(20)}m_{120}^{(21)}m_{102}^{(21)} - 4m_{210}^{(20)}m_{120}^{(21)}m_{012}^{(20)} - 3m_{210}^{(20)}m_{120}^{(22)}m_{102}^{(11)} + 3m_{210}^{(20)}m_{120}^{(22)}m_{012}^{(10)}\\
&-2m_{210}^{(20)}m_{111}^{(10)}m_{021}^{(22)} + 2m_{210}^{(20)}m_{111}^{(10)}m_{012}^{(21)} + 4m_{210}^{(20)}m_{111}^{(11)}m_{111}^{(22)} - 4m_{210}^{(20)}m_{111}^{(11)}m_{102}^{(21)}\\
&-4m_{210}^{(20)}(m_{111}^{(21)})^2 + 4m_{210}^{(20)}m_{111}^{(21)}m_{102}^{(11)} + 6m_{210}^{(20)}m_{111}^{(21)}m_{021}^{(20)} - 2m_{210}^{(20)}m_{111}^{(21)}m_{012}^{(10)}\\
&-4m_{210}^{(20)}m_{111}^{(22)}m_{021}^{(10)} - m_{210}^{(20)}m_{102}^{(11)}m_{021}^{(20)} + m_{210}^{(20)}m_{102}^{(20)}m_{030}^{(21)} - m_{210}^{(20)}m_{102}^{(20)}m_{021}^{(11)}\\
&-2m_{210}^{(20)}m_{102}^{(21)}m_{030}^{(20)} + 2m_{210}^{(20)}m_{102}^{(21)}m_{021}^{(10)} + m_{210}^{(20)}m_{102}^{(22)}m_{030}^{(10)} - m_{210}^{(20)}m_{030}^{(10)}m_{003}^{(20)}\\
&+2m_{210}^{(20)}m_{030}^{(20)}m_{003}^{(10)} - m_{210}^{(20)}m_{030}^{(21)}m_{003}^{(00)} - m_{210}^{(20)}m_{021}^{(00)}m_{012}^{(21)} + m_{210}^{(20)}m_{021}^{(00)}m_{003}^{(11)}\\
&+4m_{210}^{(20)}m_{021}^{(10)}m_{012}^{(20)} - 2m_{210}^{(20)}m_{021}^{(10)}m_{003}^{(10)} + m_{210}^{(20)}m_{021}^{(11)}m_{003}^{(00)} - 5m_{210}^{(20)}m_{021}^{(20)}m_{012}^{(10)}\\
&+2m_{210}^{(20)}m_{021}^{(21)}m_{012}^{(00)} - 2m_{210}^{(20)}m_{012}^{(00)}m_{012}^{(11)} + 2m_{210}^{(20)}(m_{012}^{(10)})^2 - 2(m_{210}^{(21)})^2m_{012}^{(20)}\\
&+2(m_{210}^{(21)})^2m_{003}^{(10)} - 2m_{210}^{(21)}m_{201}^{(10)}m_{021}^{(22)} + 2m_{210}^{(21)}m_{201}^{(10)}m_{012}^{(21)} - 2m_{210}^{(21)}m_{201}^{(20)}m_{021}^{(21)}\\
&+2m_{210}^{(21)}m_{201}^{(20)}m_{012}^{(11)} + 4m_{210}^{(21)}m_{201}^{(21)}m_{021}^{(20)} - 4m_{210}^{(21)}m_{201}^{(21)}m_{012}^{(10)} - 2m_{210}^{(21)}m_{201}^{(00)}m_{012}^{(22)}\\
&+2m_{210}^{(21)}m_{120}^{(00)}m_{003}^{(21)} + m_{210}^{(21)}m_{120}^{(10)}m_{102}^{(22)} - m_{210}^{(21)}m_{120}^{(10)}m_{003}^{(20)} - 5m_{210}^{(21)}m_{120}^{(20)}m_{102}^{(21)}\\
&+5m_{210}^{(21)}m_{120}^{(20)}m_{012}^{(20)} + m_{210}^{(21)}m_{120}^{(21)}m_{102}^{(20)} - m_{210}^{(21)}m_{120}^{(21)}m_{003}^{(00)} + 3m_{210}^{(21)}m_{120}^{(22)}m_{102}^{(10)}\\
&-3m_{210}^{(21)}m_{120}^{(22)}m_{012}^{(00)} + 2m_{210}^{(21)}m_{111}^{(00)}m_{021}^{(22)} - 4m_{210}^{(21)}m_{111}^{(00)}m_{012}^{(21)} + 2m_{210}^{(21)}m_{111}^{(00)}m_{003}^{(11)}\\
&-4m_{210}^{(21)}m_{111}^{(10)}m_{111}^{(22)} + 6m_{210}^{(21)}m_{111}^{(10)}m_{102}^{(21)} + 2m_{210}^{(21)}m_{111}^{(10)}m_{012}^{(20)} - 4m_{210}^{(21)}m_{111}^{(10)}m_{003}^{(10)}\\
&-2m_{210}^{(21)}m_{111}^{(11)}m_{102}^{(20)} + 2m_{210}^{(21)}m_{111}^{(11)}m_{003}^{(00)} + 4m_{210}^{(21)}m_{111}^{(20)}m_{111}^{(21)} + 2m_{210}^{(21)}m_{111}^{(20)}m_{102}^{(11)}\\
&-6m_{210}^{(21)}m_{111}^{(20)}m_{021}^{(20)} - 6m_{210}^{(21)}m_{111}^{(21)}m_{102}^{(10)} + 2m_{210}^{(21)}m_{111}^{(21)}m_{012}^{(00)} + 4m_{210}^{(21)}m_{111}^{(22)}m_{021}^{(00)}\\
&+2m_{210}^{(21)}m_{102}^{(00)}m_{021}^{(21)} - 2m_{210}^{(21)}m_{102}^{(00)}m_{012}^{(11)} - m_{210}^{(21)}m_{102}^{(10)}m_{021}^{(20)} + 4m_{210}^{(21)}m_{102}^{(10)}m_{012}^{(10)}
\end{aligned}
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\begin{aligned}
&-2m_{210}^{(21)}m_{102}^{(11)}m_{012}^{(00)}+m_{210}^{(21)}m_{102}^{(20)}m_{030}^{(20)}-m_{210}^{(21)}m_{102}^{(21)}m_{021}^{(00)}-m_{210}^{(21)}m_{102}^{(22)}m_{030}^{(00)}\\
&+m_{210}^{(21)}m_{030}^{(00)}m_{003}^{(20)}-m_{210}^{(21)}m_{030}^{(20)}m_{003}^{(00)}-3m_{210}^{(21)}m_{021}^{(00)}m_{012}^{(20)}+3m_{210}^{(21)}m_{021}^{(20)}m_{012}^{(00)}\\
&+2m_{210}^{(22)}m_{201}^{(10)}m_{021}^{(21)}-2m_{210}^{(22)}m_{201}^{(10)}m_{012}^{(11)}-2m_{210}^{(22)}m_{201}^{(11)}m_{021}^{(20)}+2m_{210}^{(22)}m_{201}^{(11)}m_{012}^{(10)}\\
&+2m_{210}^{(22)}m_{120}^{(00)}m_{012}^{(21)}-2m_{210}^{(22)}m_{120}^{(00)}m_{003}^{(11)}-m_{210}^{(22)}m_{120}^{(10)}m_{102}^{(21)}-2m_{210}^{(22)}m_{120}^{(10)}m_{012}^{(20)}\\
&+3m_{210}^{(22)}m_{120}^{(10)}m_{003}^{(10)}+m_{210}^{(22)}m_{120}^{(11)}m_{102}^{(20)}-m_{210}^{(22)}m_{120}^{(11)}m_{003}^{(00)}+3m_{210}^{(22)}m_{120}^{(20)}m_{102}^{(11)}\\
&-3m_{210}^{(22)}m_{120}^{(20)}m_{012}^{(10)}-3m_{210}^{(22)}m_{120}^{(21)}m_{102}^{(10)}+3m_{210}^{(22)}m_{120}^{(21)}m_{012}^{(00)}-2m_{210}^{(22)}m_{111}^{(00)}m_{021}^{(21)}\\
&+2m_{210}^{(22)}m_{111}^{(00)}m_{012}^{(11)}+4m_{210}^{(22)}m_{111}^{(10)}m_{111}^{(21)}-4m_{210}^{(22)}m_{111}^{(10)}m_{102}^{(11)}+2m_{210}^{(22)}m_{111}^{(10)}m_{021}^{(20)}\\
&-2m_{210}^{(22)}m_{111}^{(10)}m_{012}^{(10)}-4m_{210}^{(22)}m_{111}^{(11)}m_{111}^{(20)}+4m_{210}^{(22)}m_{111}^{(11)}m_{102}^{(10)}+4m_{210}^{(22)}m_{111}^{(20)}m_{021}^{(10)}\\
&-4m_{210}^{(22)}m_{111}^{(21)}m_{021}^{(00)}-m_{210}^{(22)}m_{102}^{(10)}m_{021}^{(10)}+m_{210}^{(22)}m_{102}^{(11)}m_{021}^{(00)}-m_{210}^{(22)}m_{102}^{(20)}m_{030}^{(10)}\\
&+m_{210}^{(22)}m_{102}^{(21)}m_{030}^{(00)}-m_{210}^{(22)}m_{030}^{(00)}m_{003}^{(10)}+m_{210}^{(22)}m_{030}^{(10)}m_{003}^{(00)}+3m_{210}^{(22)}m_{021}^{(00)}m_{012}^{(10)}\\
&-3m_{210}^{(22)}m_{021}^{(10)}m_{012}^{(00)}-m_{201}^{(00)}m_{120}^{(11)}m_{012}^{(22)}+m_{201}^{(00)}m_{120}^{(11)}m_{003}^{(21)}+m_{201}^{(00)}m_{120}^{(21)}m_{012}^{(21)}\\
&-m_{201}^{(00)}m_{120}^{(21)}m_{003}^{(11)}+2m_{201}^{(00)}m_{111}^{(11)}m_{021}^{(22)}-2m_{201}^{(00)}m_{111}^{(11)}m_{012}^{(21)}-2m_{201}^{(00)}m_{111}^{(21)}m_{021}^{(21)}\\
&+2m_{201}^{(00)}m_{111}^{(21)}m_{012}^{(11)}-m_{201}^{(00)}m_{102}^{(11)}m_{030}^{(22)}+m_{201}^{(00)}m_{102}^{(11)}m_{021}^{(21)}+m_{201}^{(00)}m_{102}^{(21)}m_{030}^{(21)}\\
&-m_{201}^{(00)}m_{102}^{(21)}m_{021}^{(11)}+m_{201}^{(00)}m_{030}^{(10)}m_{012}^{(22)}-m_{201}^{(00)}m_{030}^{(10)}m_{003}^{(21)}-m_{201}^{(00)}m_{030}^{(20)}m_{012}^{(21)}\\
&+m_{201}^{(00)}m_{030}^{(20)}m_{003}^{(11)}-m_{201}^{(00)}m_{030}^{(21)}m_{012}^{(20)}+m_{201}^{(00)}m_{030}^{(22)}m_{012}^{(10)}-2m_{201}^{(00)}m_{021}^{(10)}m_{021}^{(22)}\\
&+2m_{201}^{(00)}m_{021}^{(10)}m_{012}^{(21)}+m_{201}^{(00)}m_{021}^{(11)}m_{012}^{(20)}+2m_{201}^{(00)}m_{021}^{(20)}m_{021}^{(21)}-2m_{201}^{(00)}m_{021}^{(20)}m_{012}^{(11)}\\
&-m_{201}^{(00)}m_{021}^{(21)}m_{012}^{(10)}+2m_{201}^{(10)}m_{201}^{(21)}m_{030}^{(22)}-2m_{201}^{(10)}m_{201}^{(21)}m_{021}^{(21)}-2m_{201}^{(10)}m_{201}^{(22)}m_{030}^{(21)}\\
&+2m_{201}^{(10)}m_{201}^{(22)}m_{021}^{(11)}+m_{201}^{(10)}m_{120}^{(10)}m_{012}^{(22)}-m_{201}^{(10)}m_{120}^{(10)}m_{003}^{(21)}+m_{201}^{(10)}m_{120}^{(11)}m_{102}^{(22)}\\
&-m_{201}^{(10)}m_{120}^{(11)}m_{003}^{(20)}+4m_{201}^{(10)}m_{120}^{(21)}m_{111}^{(22)}-4m_{201}^{(10)}m_{120}^{(21)}m_{102}^{(21)}-2m_{201}^{(10)}m_{120}^{(21)}m_{012}^{(20)}\\
&+2m_{201}^{(10)}m_{120}^{(21)}m_{003}^{(10)}-4m_{201}^{(10)}m_{120}^{(22)}m_{111}^{(21)}+3m_{201}^{(10)}m_{120}^{(22)}m_{102}^{(11)}+m_{201}^{(10)}m_{120}^{(22)}m_{012}^{(10)}\\
&-4m_{201}^{(10)}m_{111}^{(11)}m_{111}^{(22)}+4m_{201}^{(10)}m_{111}^{(11)}m_{012}^{(20)}-2m_{201}^{(10)}m_{111}^{(20)}m_{021}^{(21)}+2m_{201}^{(10)}m_{111}^{(20)}m_{012}^{(11)}\\
&+4m_{201}^{(10)}(m_{111}^{(21)})^2+2m_{201}^{(10)}m_{111}^{(21)}m_{021}^{(20)}-6m_{201}^{(10)}m_{111}^{(21)}m_{012}^{(10)}-m_{201}^{(10)}m_{102}^{(10)}m_{030}^{(22)}\\
&+m_{201}^{(10)}m_{102}^{(10)}m_{021}^{(21)}-3m_{201}^{(10)}m_{102}^{(11)}m_{021}^{(20)}+2m_{201}^{(10)}m_{102}^{(20)}m_{030}^{(21)}-2m_{201}^{(10)}m_{102}^{(20)}m_{021}^{(11)}\\
&+4m_{201}^{(10)}m_{102}^{(21)}m_{021}^{(10)}-m_{201}^{(10)}m_{102}^{(22)}m_{030}^{(10)}-m_{201}^{(10)}m_{030}^{(00)}m_{012}^{(22)}+m_{201}^{(10)}m_{030}^{(00)}m_{003}^{(21)}\\
&+m_{201}^{(10)}m_{030}^{(10)}m_{003}^{(20)}+2m_{201}^{(10)}m_{030}^{(20)}m_{012}^{(20)}-2m_{201}^{(10)}m_{030}^{(20)}m_{003}^{(10)}-m_{201}^{(10)}m_{030}^{(22)}m_{012}^{(00)}\\
&+2m_{201}^{(10)}m_{021}^{(00)}m_{021}^{(22)}-2m_{201}^{(10)}m_{021}^{(00)}m_{012}^{(21)}-4m_{201}^{(10)}m_{021}^{(10)}m_{012}^{(20)}-2m_{201}^{(10)}(m_{021}^{(20)})^2\\
&+5m_{201}^{(10)}m_{021}^{(20)}m_{012}^{(10)}+m_{201}^{(10)}m_{021}^{(21)}m_{012}^{(00)}-2m_{201}^{(11)}m_{201}^{(20)}m_{030}^{(22)}+2m_{201}^{(11)}m_{201}^{(20)}m_{021}^{(21)}\\
&+2m_{201}^{(11)}m_{201}^{(22)}m_{030}^{(20)}-2m_{201}^{(11)}m_{201}^{(22)}m_{021}^{(10)}-m_{201}^{(11)}m_{120}^{(10)}m_{102}^{(22)}+m_{201}^{(11)}m_{120}^{(10)}m_{003}^{(20)}\\
&-4m_{201}^{(11)}m_{120}^{(20)}m_{111}^{(22)}+3m_{201}^{(11)}m_{120}^{(20)}m_{102}^{(21)}+m_{201}^{(11)}m_{120}^{(20)}m_{012}^{(20)}+m_{201}^{(11)}m_{120}^{(21)}m_{102}^{(20)}\\
&-m_{201}^{(11)}m_{120}^{(21)}m_{003}^{(00)}+4m_{201}^{(11)}m_{120}^{(22)}m_{111}^{(20)}-3m_{201}^{(11)}m_{120}^{(22)}m_{102}^{(10)}-m_{201}^{(11)}m_{120}^{(22)}m_{012}^{(00)}\\
&-2m_{201}^{(11)}m_{111}^{(00)}m_{021}^{(22)}+2m_{201}^{(11)}m_{111}^{(00)}m_{012}^{(21)}+4m_{201}^{(11)}m_{111}^{(10)}m_{111}^{(22)}-4m_{201}^{(11)}m_{111}^{(10)}m_{012}^{(20)}\\
&-4m_{201}^{(11)}m_{111}^{(20)}m_{111}^{(21)}+2m_{201}^{(11)}m_{111}^{(20)}m_{021}^{(20)}-2m_{201}^{(11)}m_{111}^{(20)}m_{012}^{(10)}+4m_{201}^{(11)}m_{111}^{(21)}m_{012}^{(00)}\\
&+2m_{201}^{(11)}m_{102}^{(00)}m_{030}^{(22)}-2m_{201}^{(11)}m_{102}^{(00)}m_{021}^{(21)}+3m_{201}^{(11)}m_{102}^{(10)}m_{021}^{(20)}-3m_{201}^{(11)}m_{102}^{(20)}m_{030}^{(20)}\\
&+2m_{201}^{(11)}m_{102}^{(20)}m_{021}^{(10)}-3m_{201}^{(11)}m_{102}^{(21)}m_{021}^{(00)}+m_{201}^{(11)}m_{102}^{(22)}m_{030}^{(00)}-m_{201}^{(11)}m_{030}^{(00)}m_{003}^{(20)}\\
&+m_{201}^{(11)}m_{030}^{(20)}m_{003}^{(00)}+3m_{201}^{(11)}m_{021}^{(00)}m_{012}^{(20)}-3m_{201}^{(11)}m_{021}^{(20)}m_{012}^{(00)}+2m_{201}^{(20)}m_{201}^{(21)}m_{030}^{(21)}\\
&-2m_{201}^{(20)}m_{201}^{(21)}m_{021}^{(11)}-2m_{201}^{(20)}m_{120}^{(10)}m_{021}^{(22)}+m_{201}^{(20)}m_{120}^{(10)}m_{012}^{(21)}+m_{201}^{(20)}m_{120}^{(10)}m_{003}^{(11)}\\
&-2m_{201}^{(20)}m_{120}^{(11)}m_{111}^{(22)}+2m_{201}^{(20)}m_{120}^{(11)}m_{102}^{(21)}+m_{201}^{(20)}m_{120}^{(11)}m_{012}^{(20)}-m_{201}^{(20)}m_{120}^{(11)}m_{003}^{(10)}\\
&+2m_{201}^{(20)}m_{120}^{(20)}m_{021}^{(21)}-2m_{201}^{(20)}m_{120}^{(20)}m_{012}^{(11)}-2m_{201}^{(20)}m_{120}^{(21)}m_{102}^{(11)}+2m_{201}^{(20)}m_{120}^{(21)}m_{021}^{(20)}
\end{aligned}
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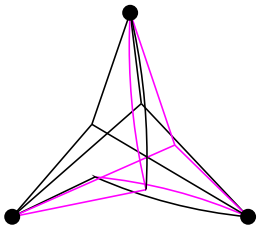
\begin{aligned}
&+2m_{201}^{(20)}m_{120}^{(22)}m_{111}^{(11)} - 2m_{201}^{(20)}m_{120}^{(22)}m_{021}^{(10)} + 2m_{201}^{(20)}m_{111}^{(10)}m_{030}^{(22)} - 2m_{201}^{(20)}m_{111}^{(10)}m_{012}^{(11)}\\
&-4m_{201}^{(20)}m_{111}^{(11)}m_{021}^{(20)} + 2m_{201}^{(20)}m_{111}^{(11)}m_{012}^{(10)} - 2m_{201}^{(20)}m_{111}^{(20)}m_{030}^{(21)} + 2m_{201}^{(20)}m_{111}^{(20)}m_{021}^{(11)}\\
&-2m_{201}^{(20)}m_{111}^{(21)}m_{030}^{(20)} + 2m_{201}^{(20)}m_{111}^{(21)}m_{021}^{(10)} + 2m_{201}^{(20)}m_{111}^{(22)}m_{030}^{(10)} - m_{201}^{(20)}m_{102}^{(10)}m_{030}^{(21)}\\
&+m_{201}^{(20)}m_{102}^{(10)}m_{021}^{(11)} + 3m_{201}^{(20)}m_{102}^{(11)}m_{030}^{(20)} - m_{201}^{(20)}m_{102}^{(11)}m_{021}^{(10)} - 2m_{201}^{(20)}m_{102}^{(21)}m_{030}^{(10)}\\
&+m_{201}^{(20)}m_{030}^{(00)}m_{012}^{(21)} - m_{201}^{(20)}m_{030}^{(00)}m_{003}^{(11)} - m_{201}^{(20)}m_{030}^{(10)}m_{012}^{(20)} + m_{201}^{(20)}m_{030}^{(10)}m_{003}^{(10)}\\
&-m_{201}^{(20)}m_{030}^{(20)}m_{012}^{(10)} + m_{201}^{(20)}m_{030}^{(21)}m_{012}^{(00)} - 2m_{201}^{(20)}m_{021}^{(00)}m_{021}^{(21)} + 2m_{201}^{(20)}m_{021}^{(00)}m_{012}^{(11)}\\
&+2m_{201}^{(20)}m_{021}^{(10)}m_{021}^{(20)} - m_{201}^{(20)}m_{021}^{(10)}m_{012}^{(10)} - m_{201}^{(20)}m_{021}^{(11)}m_{012}^{(00)} - 2(m_{201}^{(21)})^2m_{030}^{(20)}\\
&+2(m_{201}^{(21)})^2m_{021}^{(10)} + 2m_{201}^{(21)}m_{120}^{(00)}m_{021}^{(22)} - 2m_{201}^{(21)}m_{120}^{(00)}m_{012}^{(21)} + 2m_{201}^{(21)}m_{120}^{(10)}m_{111}^{(22)}\\
&-m_{201}^{(21)}m_{120}^{(10)}m_{102}^{(21)} - m_{201}^{(21)}m_{120}^{(10)}m_{003}^{(10)} - m_{201}^{(21)}m_{120}^{(11)}m_{102}^{(20)} + m_{201}^{(21)}m_{120}^{(11)}m_{003}^{(00)}\\
&+6m_{201}^{(21)}m_{120}^{(20)}m_{111}^{(21)} - 3m_{201}^{(21)}m_{120}^{(20)}m_{102}^{(11)} - 4m_{201}^{(21)}m_{120}^{(20)}m_{021}^{(20)} + m_{201}^{(21)}m_{120}^{(20)}m_{012}^{(10)}\\
&-6m_{201}^{(21)}m_{120}^{(20)}m_{111}^{(20)} + 5m_{201}^{(21)}m_{120}^{(21)}m_{102}^{(10)} + m_{201}^{(21)}m_{120}^{(21)}m_{012}^{(00)} - 2m_{201}^{(21)}m_{120}^{(22)}m_{111}^{(10)}\\
&+2m_{201}^{(21)}m_{120}^{(22)}m_{021}^{(00)} - 2m_{201}^{(21)}m_{111}^{(00)}m_{030}^{(22)} + 4m_{201}^{(21)}m_{111}^{(00)}m_{021}^{(21)} - 2m_{201}^{(21)}m_{111}^{(00)}m_{012}^{(11)}\\
&-4m_{201}^{(21)}m_{111}^{(10)}m_{111}^{(21)} + 6m_{201}^{(21)}m_{111}^{(10)}m_{012}^{(10)} + 4m_{201}^{(21)}m_{111}^{(11)}m_{111}^{(20)} - 4m_{201}^{(21)}m_{111}^{(11)}m_{012}^{(00)}\\
&+4m_{201}^{(21)}m_{111}^{(20)}m_{030}^{(20)} - 2m_{201}^{(21)}m_{111}^{(20)}m_{021}^{(10)} - 2m_{201}^{(21)}m_{111}^{(21)}m_{021}^{(00)} - 2m_{201}^{(21)}m_{111}^{(22)}m_{030}^{(00)}\\
&-2m_{201}^{(21)}m_{102}^{(00)}m_{030}^{(21)} + 2m_{201}^{(21)}m_{102}^{(00)}m_{021}^{(11)} - 5m_{201}^{(21)}m_{102}^{(10)}m_{021}^{(10)} + 3m_{201}^{(21)}m_{102}^{(11)}m_{021}^{(00)}\\
&+m_{201}^{(21)}m_{102}^{(20)}m_{030}^{(10)} + m_{201}^{(21)}m_{102}^{(21)}m_{030}^{(00)} + m_{201}^{(21)}m_{030}^{(00)}m_{003}^{(10)} - m_{201}^{(21)}m_{030}^{(10)}m_{003}^{(00)}\\
&-3m_{201}^{(21)}m_{021}^{(00)}m_{012}^{(10)} + 3m_{201}^{(21)}m_{021}^{(10)}m_{012}^{(00)} - 2m_{201}^{(22)}m_{120}^{(00)}m_{021}^{(21)} + 2m_{201}^{(22)}m_{120}^{(00)}m_{012}^{(11)}\\
&-2m_{201}^{(22)}m_{120}^{(10)}m_{111}^{(21)} + 2m_{201}^{(22)}m_{120}^{(10)}m_{102}^{(11)} + 2m_{201}^{(22)}m_{120}^{(10)}m_{021}^{(20)} - 2m_{201}^{(22)}m_{120}^{(10)}m_{012}^{(10)}\\
&+2m_{201}^{(22)}m_{120}^{(11)}m_{111}^{(20)} - 2m_{201}^{(22)}m_{120}^{(11)}m_{102}^{(10)} - 2m_{201}^{(22)}m_{120}^{(20)}m_{111}^{(11)} + 2m_{201}^{(22)}m_{120}^{(20)}m_{021}^{(10)}\\
&+2m_{201}^{(22)}m_{120}^{(21)}m_{111}^{(10)} - 2m_{201}^{(22)}m_{120}^{(21)}m_{021}^{(00)} + 2m_{201}^{(22)}m_{111}^{(00)}m_{030}^{(21)} - 2m_{201}^{(22)}m_{111}^{(00)}m_{021}^{(11)}\\
&-2m_{201}^{(22)}m_{111}^{(10)}m_{030}^{(20)} + 2m_{201}^{(22)}m_{111}^{(11)}m_{021}^{(00)} - 2m_{201}^{(22)}m_{111}^{(20)}m_{030}^{(10)} + 2m_{201}^{(22)}m_{111}^{(21)}m_{030}^{(00)}\\
&+2m_{201}^{(22)}m_{102}^{(10)}m_{030}^{(10)} - 2m_{201}^{(22)}m_{102}^{(11)}m_{030}^{(00)} + 2m_{120}^{(00)}m_{120}^{(21)}m_{102}^{(22)} - 2m_{120}^{(00)}m_{120}^{(21)}m_{003}^{(20)}\\
&-2m_{120}^{(00)}m_{120}^{(22)}m_{102}^{(21)} + 2m_{120}^{(00)}m_{120}^{(22)}m_{003}^{(10)} + 2m_{120}^{(00)}m_{111}^{(10)}m_{012}^{(22)} - 2m_{120}^{(00)}m_{111}^{(10)}m_{003}^{(21)}\\
&-2m_{120}^{(00)}m_{111}^{(11)}m_{102}^{(22)} + 2m_{120}^{(00)}m_{111}^{(11)}m_{003}^{(20)} - 2m_{120}^{(00)}m_{111}^{(20)}m_{012}^{(21)} + 2m_{120}^{(00)}m_{111}^{(20)}m_{003}^{(11)}\\
&+2m_{120}^{(00)}m_{111}^{(21)}m_{012}^{(20)} - 2m_{120}^{(00)}m_{111}^{(21)}m_{003}^{(10)} + 2m_{120}^{(00)}m_{111}^{(22)}m_{102}^{(11)} - 2m_{120}^{(00)}m_{111}^{(22)}m_{012}^{(10)}\\
&-2m_{120}^{(00)}m_{102}^{(10)}m_{102}^{(22)} + 2m_{120}^{(00)}m_{102}^{(10)}m_{012}^{(21)} - 2m_{120}^{(00)}m_{102}^{(11)}m_{012}^{(20)} + 2m_{120}^{(00)}m_{102}^{(20)}m_{012}^{(21)}\\
&-2m_{120}^{(00)}m_{102}^{(20)}m_{012}^{(11)} + 2m_{120}^{(00)}m_{102}^{(21)}m_{012}^{(10)} - 2m_{120}^{(10)}m_{120}^{(20)}m_{102}^{(22)} + 2m_{120}^{(10)}m_{120}^{(20)}m_{003}^{(20)}\\
&+2m_{120}^{(10)}m_{120}^{(22)}m_{102}^{(20)} - 2m_{120}^{(10)}m_{120}^{(22)}m_{003}^{(00)} - 2m_{120}^{(10)}m_{111}^{(00)}m_{012}^{(22)} + 2m_{120}^{(10)}m_{111}^{(00)}m_{003}^{(21)}\\
&+2m_{120}^{(10)}m_{111}^{(10)}m_{102}^{(22)} - 2m_{120}^{(10)}m_{111}^{(10)}m_{003}^{(20)} + 2m_{120}^{(10)}m_{111}^{(20)}m_{102}^{(21)} - 2m_{120}^{(10)}m_{111}^{(20)}m_{003}^{(10)}\\
&+2m_{120}^{(10)}m_{111}^{(21)}m_{003}^{(00)} - 4m_{120}^{(10)}m_{111}^{(22)}m_{102}^{(10)} + 2m_{120}^{(10)}m_{111}^{(22)}m_{012}^{(00)} + 2m_{120}^{(10)}m_{102}^{(00)}m_{021}^{(22)}\\
&-2m_{120}^{(10)}m_{102}^{(00)}m_{012}^{(21)} + 2m_{120}^{(10)}m_{102}^{(10)}m_{102}^{(21)} + 2m_{120}^{(10)}m_{102}^{(10)}m_{012}^{(20)} - 2m_{120}^{(10)}m_{102}^{(11)}m_{102}^{(20)}\\
&-2m_{120}^{(10)}m_{102}^{(20)}m_{021}^{(20)} + 2m_{120}^{(10)}m_{102}^{(20)}m_{012}^{(10)} - 2m_{120}^{(10)}m_{102}^{(21)}m_{012}^{(00)} - 2m_{120}^{(11)}m_{120}^{(20)}m_{111}^{(20)}\\
&+2m_{120}^{(11)}m_{111}^{(22)}m_{102}^{(00)} - 2m_{120}^{(11)}m_{102}^{(00)}m_{102}^{(21)} + 2m_{120}^{(11)}m_{102}^{(10)}m_{102}^{(20)} + 2(m_{120}^{(20)})^2m_{102}^{(21)}\\
&-2(m_{120}^{(20)})^2m_{003}^{(10)} - 2m_{120}^{(20)}m_{120}^{(21)}m_{102}^{(20)} + 2m_{120}^{(20)}m_{120}^{(21)}m_{003}^{(00)} + 2m_{120}^{(20)}m_{111}^{(00)}m_{012}^{(21)}\\
&-2m_{120}^{(20)}m_{111}^{(00)}m_{003}^{(11)} + 4m_{120}^{(20)}m_{111}^{(10)}m_{111}^{(22)} - 2m_{120}^{(20)}m_{111}^{(10)}m_{102}^{(21)} - 6m_{120}^{(20)}m_{111}^{(10)}m_{012}^{(20)}\\
&+4m_{120}^{(20)}m_{111}^{(10)}m_{003}^{(10)} + 4m_{120}^{(20)}m_{111}^{(11)}m_{102}^{(20)} - 2m_{120}^{(20)}m_{111}^{(11)}m_{003}^{(00)} - 4m_{120}^{(20)}m_{111}^{(20)}m_{111}^{(21)}\\
&-2m_{120}^{(20)}m_{111}^{(20)}m_{102}^{(11)} + 6m_{120}^{(20)}m_{111}^{(20)}m_{012}^{(10)} - 2m_{120}^{(20)}m_{111}^{(21)}m_{012}^{(00)} - 2m_{120}^{(20)}m_{102}^{(00)}m_{021}^{(21)}\\
&+2m_{120}^{(20)}m_{102}^{(00)}m_{012}^{(11)} + 4m_{120}^{(20)}m_{102}^{(10)}m_{021}^{(20)} - 4m_{120}^{(20)}m_{102}^{(10)}m_{012}^{(10)} + 2m_{120}^{(20)}m_{102}^{(11)}m_{012}^{(00)}
\end{aligned}
$$

$$
\begin{aligned}
&-2m_{120}^{(20)}m_{102}^{(20)}m_{021}^{(10)} - 4m_{120}^{(21)}m_{111}^{(00)}m_{111}^{(22)} + 4m_{120}^{(21)}m_{111}^{(00)}m_{012}^{(20)} - 2m_{120}^{(21)}m_{111}^{(10)}m_{102}^{(20)}\\
&+4m_{120}^{(21)}(m_{111}^{(20)})^2 + 2m_{120}^{(21)}m_{111}^{(20)}m_{102}^{(10)} - 4m_{120}^{(21)}m_{111}^{(20)}m_{012}^{(00)} + 2m_{120}^{(21)}m_{102}^{(00)}m_{102}^{(11)}\\
&-2m_{120}^{(21)}m_{102}^{(00)}m_{021}^{(20)} - 2m_{120}^{(21)}(m_{102}^{(10)})^2 + 2m_{120}^{(21)}m_{102}^{(20)}m_{021}^{(00)} + 4m_{120}^{(22)}m_{111}^{(00)}m_{111}^{(21)}\\
&-4m_{120}^{(22)}m_{111}^{(00)}m_{012}^{(10)} - 4m_{120}^{(22)}m_{111}^{(10)}m_{111}^{(20)} + 2m_{120}^{(22)}m_{111}^{(10)}m_{102}^{(10)} + 4m_{120}^{(22)}m_{111}^{(10)}m_{012}^{(00)}\\
&-2m_{120}^{(22)}m_{111}^{(11)}m_{102}^{(00)} + 2m_{120}^{(22)}m_{102}^{(00)}m_{021}^{(10)} - 2m_{120}^{(22)}m_{102}^{(10)}m_{021}^{(00)} + 4m_{111}^{(00)}m_{111}^{(11)}m_{102}^{(21)}\\
&-4m_{111}^{(00)}m_{111}^{(11)}m_{012}^{(20)} - 4m_{111}^{(00)}m_{111}^{(21)}m_{102}^{(11)} - 4m_{111}^{(00)}m_{111}^{(21)}m_{021}^{(20)} + 4m_{111}^{(00)}m_{111}^{(21)}m_{012}^{(10)}\\
&+4m_{111}^{(00)}m_{111}^{(22)}m_{021}^{(10)} + 2m_{111}^{(00)}m_{102}^{(10)}m_{030}^{(22)} - 2m_{111}^{(00)}m_{102}^{(10)}m_{021}^{(21)} + 4m_{111}^{(00)}m_{102}^{(11)}m_{021}^{(20)}\\
&-2m_{111}^{(00)}m_{102}^{(20)}m_{030}^{(21)} + 2m_{111}^{(00)}m_{102}^{(20)}m_{021}^{(11)} - 4m_{111}^{(00)}m_{102}^{(21)}m_{021}^{(10)} - 4(m_{111}^{(10)})^2m_{102}^{(21)}\\
&+4(m_{111}^{(10)})^2m_{012}^{(20)} + 4m_{111}^{(10)}m_{111}^{(20)}m_{102}^{(11)} + 4m_{111}^{(10)}m_{111}^{(20)}m_{021}^{(20)} - 4m_{111}^{(10)}m_{111}^{(20)}m_{012}^{(10)}\\
&+4m_{111}^{(10)}m_{111}^{(21)}m_{102}^{(10)} - 4m_{111}^{(10)}m_{111}^{(21)}m_{012}^{(00)} - 4m_{111}^{(10)}m_{111}^{(22)}m_{021}^{(00)} - 2m_{111}^{(10)}m_{102}^{(00)}m_{030}^{(22)}\\
&+2m_{111}^{(10)}m_{102}^{(00)}m_{021}^{(21)} - 6m_{111}^{(10)}m_{102}^{(10)}m_{021}^{(20)} + 2m_{111}^{(10)}m_{102}^{(20)}m_{030}^{(20)} + 4m_{111}^{(10)}m_{102}^{(21)}m_{021}^{(00)}\\
&-4m_{111}^{(11)}m_{111}^{(20)}m_{102}^{(10)} + 4m_{111}^{(11)}m_{111}^{(20)}m_{012}^{(00)} + 2m_{111}^{(11)}m_{102}^{(00)}m_{021}^{(20)} - 2m_{111}^{(11)}m_{102}^{(20)}m_{021}^{(00)}\\
&-4(m_{111}^{(20)})^2m_{021}^{(10)} + 4m_{111}^{(20)}m_{111}^{(21)}m_{021}^{(00)} + 2m_{111}^{(20)}m_{102}^{(00)}m_{030}^{(21)} - 2m_{111}^{(20)}m_{102}^{(00)}m_{021}^{(11)}\\
&-4m_{111}^{(20)}m_{102}^{(10)}m_{030}^{(20)} + 6m_{111}^{(20)}m_{102}^{(10)}m_{021}^{(10)} - 4m_{111}^{(20)}m_{102}^{(11)}m_{021}^{(00)} + 2m_{111}^{(20)}m_{102}^{(20)}m_{030}^{(10)}\\
&+2m_{111}^{(21)}m_{102}^{(00)}m_{030}^{(20)} - 2m_{111}^{(21)}m_{102}^{(00)}m_{021}^{(10)} + 2m_{111}^{(21)}m_{102}^{(10)}m_{021}^{(00)} - 2m_{111}^{(21)}m_{102}^{(20)}m_{030}^{(00)}\\
&-2m_{111}^{(22)}m_{102}^{(00)}m_{030}^{(10)} + 2m_{111}^{(22)}m_{102}^{(10)}m_{030}^{(00)} - 2m_{102}^{(00)}m_{102}^{(11)}m_{030}^{(20)} + 2m_{102}^{(00)}m_{102}^{(21)}m_{030}^{(10)}\\
&+2(m_{102}^{(10)})^2m_{030}^{(20)} - 2m_{102}^{(10)}m_{102}^{(20)}m_{030}^{(10)} - 2m_{102}^{(10)}m_{102}^{(21)}m_{030}^{(00)} + 2m_{102}^{(11)}m_{102}^{(20)}m_{030}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{rrrrr}
V1 & V1 & 1 & 1 & 1 \\
V2 & V2 & 2 & 2 & V3 \\
2 & V3 & 3 & 3 & 3
\end{array}
$$



$$
\begin{aligned}
T_{89} \;=\;& -m_{300}^{(10)}m_{120}^{(21)}m_{012}^{(22)} + m_{300}^{(10)}m_{120}^{(21)}m_{003}^{(21)} + m_{300}^{(10)}m_{120}^{(22)}m_{021}^{(22)} - m_{300}^{(10)}m_{120}^{(22)}m_{012}^{(21)}\\
&+m_{300}^{(10)}m_{111}^{(21)}m_{021}^{(22)} - m_{300}^{(10)}m_{111}^{(21)}m_{003}^{(11)} - m_{300}^{(10)}m_{111}^{(22)}m_{030}^{(22)} + m_{300}^{(10)}m_{111}^{(22)}m_{012}^{(11)}\\
&-m_{300}^{(10)}m_{102}^{(21)}m_{021}^{(21)} + m_{300}^{(10)}m_{102}^{(21)}m_{012}^{(11)} + m_{300}^{(10)}m_{102}^{(22)}m_{030}^{(21)} - m_{300}^{(10)}m_{102}^{(22)}m_{021}^{(11)}\\
&-m_{300}^{(10)}m_{030}^{(21)}m_{003}^{(20)} + m_{300}^{(10)}m_{030}^{(22)}m_{012}^{(20)} + m_{300}^{(10)}m_{021}^{(10)}m_{012}^{(22)} - m_{300}^{(10)}m_{021}^{(10)}m_{003}^{(21)}\\
&+m_{300}^{(10)}m_{021}^{(11)}m_{003}^{(20)} - m_{300}^{(10)}m_{021}^{(20)}m_{021}^{(21)} + m_{300}^{(10)}m_{021}^{(20)}m_{012}^{(21)} + m_{300}^{(10)}m_{021}^{(21)}m_{003}^{(10)}\\
&-m_{300}^{(10)}m_{021}^{(22)}m_{012}^{(10)} + m_{300}^{(10)}m_{012}^{(10)}m_{003}^{(11)} - m_{300}^{(10)}m_{012}^{(11)}m_{012}^{(20)} - m_{300}^{(10)}m_{012}^{(11)}m_{003}^{(10)}
\end{aligned}
$$

$$
\begin{aligned}
&+m_{300}^{(11)}m_{210}^{(21)}m_{012}^{(22)} - m_{300}^{(11)}m_{210}^{(21)}m_{003}^{(21)} - m_{300}^{(11)}m_{210}^{(22)}m_{021}^{(22)} + m_{300}^{(11)}m_{210}^{(22)}m_{012}^{(21)}\\
&-m_{300}^{(11)}m_{201}^{(21)}m_{012}^{(21)} + m_{300}^{(11)}m_{201}^{(21)}m_{003}^{(11)} + m_{300}^{(11)}m_{201}^{(22)}m_{021}^{(21)} - m_{300}^{(11)}m_{201}^{(22)}m_{012}^{(11)}\\
&-m_{300}^{(11)}m_{120}^{(21)}m_{102}^{(22)} + m_{300}^{(11)}m_{120}^{(21)}m_{003}^{(20)} + m_{300}^{(11)}m_{120}^{(22)}m_{111}^{(22)} - m_{300}^{(11)}m_{120}^{(22)}m_{012}^{(20)}\\
&-m_{300}^{(11)}m_{111}^{(10)}m_{012}^{(22)} + m_{300}^{(11)}m_{111}^{(10)}m_{003}^{(21)} + m_{300}^{(11)}m_{111}^{(11)}m_{102}^{(22)} - m_{300}^{(11)}m_{111}^{(11)}m_{003}^{(20)}\\
&+m_{300}^{(11)}m_{111}^{(20)}m_{021}^{(22)} - m_{300}^{(11)}m_{111}^{(20)}m_{012}^{(21)} - 2m_{300}^{(11)}m_{111}^{(21)}m_{111}^{(22)} + 2m_{300}^{(11)}m_{111}^{(21)}m_{102}^{(21)}\\
&+m_{300}^{(11)}m_{111}^{(21)}m_{012}^{(20)} - m_{300}^{(11)}m_{111}^{(21)}m_{003}^{(10)} + m_{300}^{(11)}m_{111}^{(22)}m_{012}^{(10)} + m_{300}^{(11)}m_{102}^{(10)}m_{012}^{(21)}\\
&-m_{300}^{(11)}m_{102}^{(10)}m_{003}^{(11)} - m_{300}^{(11)}m_{102}^{(11)}m_{102}^{(21)} + m_{300}^{(11)}m_{102}^{(11)}m_{003}^{(10)} - m_{300}^{(11)}m_{102}^{(20)}m_{021}^{(21)}\\
&+m_{300}^{(11)}m_{102}^{(20)}m_{012}^{(11)} - m_{300}^{(11)}m_{102}^{(21)}m_{012}^{(10)} + m_{300}^{(20)}m_{120}^{(11)}m_{012}^{(22)} - m_{300}^{(20)}m_{120}^{(11)}m_{003}^{(21)}\\
&-m_{300}^{(20)}m_{120}^{(21)}m_{021}^{(22)} + m_{300}^{(20)}m_{120}^{(21)}m_{012}^{(21)} - m_{300}^{(20)}m_{111}^{(11)}m_{021}^{(22)} + m_{300}^{(20)}m_{111}^{(11)}m_{003}^{(11)}\\
&+m_{300}^{(20)}m_{111}^{(21)}m_{030}^{(22)} - m_{300}^{(20)}m_{111}^{(21)}m_{012}^{(11)} + m_{300}^{(20)}m_{102}^{(11)}m_{021}^{(21)} - m_{300}^{(20)}m_{102}^{(11)}m_{012}^{(11)}\\
&-m_{300}^{(20)}m_{102}^{(21)}m_{030}^{(21)} + m_{300}^{(20)}m_{102}^{(21)}m_{021}^{(11)} - m_{300}^{(20)}m_{030}^{(10)}m_{012}^{(22)} + m_{300}^{(20)}m_{030}^{(10)}m_{003}^{(21)}\\
&+m_{300}^{(20)}m_{030}^{(20)}m_{021}^{(22)} - m_{300}^{(20)}m_{030}^{(20)}m_{012}^{(21)} + m_{300}^{(20)}m_{030}^{(21)}m_{012}^{(20)} - m_{300}^{(20)}m_{030}^{(22)}m_{021}^{(20)}\\
&+m_{300}^{(20)}m_{021}^{(10)}m_{021}^{(22)} - m_{300}^{(20)}m_{021}^{(10)}m_{003}^{(11)} - m_{300}^{(20)}m_{021}^{(11)}m_{012}^{(20)} + m_{300}^{(20)}m_{021}^{(20)}m_{012}^{(11)}\\
&-m_{300}^{(20)}m_{021}^{(21)}m_{012}^{(10)} + m_{300}^{(20)}m_{012}^{(10)}m_{012}^{(11)} - m_{300}^{(21)}m_{210}^{(11)}m_{012}^{(22)} + m_{300}^{(21)}m_{210}^{(11)}m_{003}^{(21)}\\
&+m_{300}^{(21)}m_{210}^{(22)}m_{030}^{(22)} - m_{300}^{(21)}m_{210}^{(22)}m_{021}^{(21)} + m_{300}^{(21)}m_{201}^{(11)}m_{012}^{(21)} - m_{300}^{(21)}m_{201}^{(11)}m_{003}^{(11)}\\
&-m_{300}^{(21)}m_{201}^{(22)}m_{030}^{(21)} + m_{300}^{(21)}m_{201}^{(22)}m_{021}^{(11)} + m_{300}^{(21)}m_{120}^{(10)}m_{012}^{(22)} - m_{300}^{(21)}m_{120}^{(10)}m_{003}^{(21)}\\
&-m_{300}^{(21)}m_{120}^{(20)}m_{021}^{(22)} + m_{300}^{(21)}m_{120}^{(20)}m_{012}^{(21)} + 2m_{300}^{(21)}m_{120}^{(21)}m_{111}^{(22)} - 2m_{300}^{(21)}m_{120}^{(21)}m_{012}^{(20)}\\
&-m_{300}^{(21)}(m_{120}^{(22)})^2 + 2m_{300}^{(21)}m_{120}^{(22)}m_{021}^{(20)} + m_{300}^{(21)}m_{111}^{(10)}m_{021}^{(22)} - 2m_{300}^{(21)}m_{111}^{(10)}m_{012}^{(21)}\\
&+m_{300}^{(21)}m_{111}^{(10)}m_{003}^{(11)} - 2m_{300}^{(21)}m_{111}^{(11)}m_{102}^{(21)} + 2m_{300}^{(21)}m_{111}^{(11)}m_{012}^{(20)} - m_{300}^{(21)}m_{111}^{(20)}m_{030}^{(22)}\\
&+2m_{300}^{(21)}m_{111}^{(20)}m_{021}^{(21)} - m_{300}^{(21)}m_{111}^{(20)}m_{012}^{(11)} - 2m_{300}^{(21)}m_{111}^{(21)}m_{021}^{(20)} + 2m_{300}^{(21)}m_{111}^{(21)}m_{012}^{(10)}\\
&-2m_{300}^{(21)}m_{111}^{(22)}m_{021}^{(10)} - m_{300}^{(21)}m_{102}^{(10)}m_{021}^{(21)} + m_{300}^{(21)}m_{102}^{(10)}m_{012}^{(11)} + m_{300}^{(21)}(m_{102}^{(11)})^2\\
&-2m_{300}^{(21)}m_{102}^{(11)}m_{012}^{(10)} + m_{300}^{(21)}m_{102}^{(20)}m_{030}^{(21)} - m_{300}^{(21)}m_{102}^{(20)}m_{021}^{(11)} + 2m_{300}^{(21)}m_{102}^{(21)}m_{021}^{(10)}\\
&+m_{300}^{(22)}m_{210}^{(11)}m_{021}^{(22)} - m_{300}^{(22)}m_{210}^{(11)}m_{012}^{(21)} - m_{300}^{(22)}m_{210}^{(21)}m_{030}^{(22)} + m_{300}^{(22)}m_{210}^{(21)}m_{021}^{(21)}\\
&-m_{300}^{(22)}m_{201}^{(11)}m_{021}^{(21)} + m_{300}^{(22)}m_{201}^{(11)}m_{012}^{(11)} + m_{300}^{(22)}m_{201}^{(21)}m_{030}^{(21)} - m_{300}^{(22)}m_{201}^{(21)}m_{021}^{(11)}\\
&-m_{300}^{(22)}m_{120}^{(10)}m_{021}^{(22)} + m_{300}^{(22)}m_{120}^{(10)}m_{012}^{(21)} - m_{300}^{(22)}m_{120}^{(11)}m_{111}^{(22)} + m_{300}^{(22)}m_{120}^{(11)}m_{102}^{(21)}\\
&+m_{300}^{(22)}m_{120}^{(20)}m_{030}^{(22)} - m_{300}^{(22)}m_{120}^{(20)}m_{021}^{(21)} + m_{300}^{(22)}m_{120}^{(21)}m_{120}^{(22)} - 2m_{300}^{(22)}m_{120}^{(21)}m_{111}^{(21)}\\
&+m_{300}^{(22)}m_{120}^{(21)}m_{021}^{(20)} - m_{300}^{(22)}m_{120}^{(22)}m_{030}^{(20)} + m_{300}^{(22)}m_{111}^{(10)}m_{021}^{(21)} - m_{300}^{(22)}m_{111}^{(10)}m_{012}^{(11)}\\
&+2m_{300}^{(22)}m_{111}^{(11)}m_{111}^{(21)} - m_{300}^{(22)}m_{111}^{(11)}m_{102}^{(11)} - m_{300}^{(22)}m_{111}^{(11)}m_{021}^{(20)} - m_{300}^{(22)}m_{111}^{(20)}m_{030}^{(21)}\\
&+m_{300}^{(22)}m_{111}^{(20)}m_{021}^{(11)} + m_{300}^{(22)}m_{111}^{(21)}m_{030}^{(20)} - m_{300}^{(22)}m_{111}^{(21)}m_{021}^{(10)} + m_{300}^{(22)}m_{111}^{(22)}m_{030}^{(10)}\\
&+m_{300}^{(22)}m_{102}^{(10)}m_{021}^{(21)} - m_{300}^{(22)}m_{102}^{(21)}m_{030}^{(10)} + m_{210}^{(00)}m_{120}^{(21)}m_{012}^{(22)} - m_{210}^{(00)}m_{120}^{(21)}m_{003}^{(21)}\\
&-m_{210}^{(00)}m_{120}^{(22)}m_{021}^{(22)} + m_{210}^{(00)}m_{120}^{(22)}m_{012}^{(21)} - m_{210}^{(00)}m_{111}^{(21)}m_{021}^{(22)} + m_{210}^{(00)}m_{111}^{(21)}m_{003}^{(11)}\\
&+m_{210}^{(00)}m_{111}^{(22)}m_{030}^{(22)} - m_{210}^{(00)}m_{111}^{(22)}m_{012}^{(11)} + m_{210}^{(00)}m_{102}^{(21)}m_{021}^{(21)} - m_{210}^{(00)}m_{102}^{(21)}m_{012}^{(11)}\\
&-m_{210}^{(00)}m_{102}^{(22)}m_{030}^{(21)} + m_{210}^{(00)}m_{102}^{(22)}m_{021}^{(11)} + m_{210}^{(00)}m_{030}^{(21)}m_{003}^{(20)} - m_{210}^{(00)}m_{030}^{(22)}m_{012}^{(20)}\\
&-m_{210}^{(00)}m_{021}^{(10)}m_{012}^{(22)} + m_{210}^{(00)}m_{021}^{(10)}m_{003}^{(21)} - m_{210}^{(00)}m_{021}^{(11)}m_{003}^{(20)} + m_{210}^{(00)}m_{021}^{(20)}m_{021}^{(22)}\\
&-m_{210}^{(00)}m_{021}^{(20)}m_{012}^{(21)} - m_{210}^{(00)}m_{021}^{(21)}m_{003}^{(10)} + m_{210}^{(00)}m_{021}^{(22)}m_{012}^{(10)} - m_{210}^{(00)}m_{012}^{(10)}m_{003}^{(11)}\\
&+m_{210}^{(00)}m_{012}^{(11)}m_{012}^{(20)} + m_{210}^{(00)}m_{012}^{(11)}m_{003}^{(10)} - m_{210}^{(10)}m_{201}^{(21)}m_{021}^{(22)} + 2m_{210}^{(10)}m_{201}^{(21)}m_{012}^{(21)}\\
&-m_{210}^{(10)}m_{201}^{(21)}m_{003}^{(11)} + m_{210}^{(10)}m_{201}^{(22)}m_{030}^{(22)} - 2m_{210}^{(10)}m_{201}^{(22)}m_{021}^{(21)} + m_{210}^{(10)}m_{201}^{(22)}m_{012}^{(11)}\\
&+m_{210}^{(10)}m_{120}^{(20)}m_{012}^{(22)} - m_{210}^{(10)}m_{120}^{(20)}m_{003}^{(21)} - m_{210}^{(10)}m_{120}^{(22)}m_{111}^{(22)} + m_{210}^{(10)}m_{120}^{(22)}m_{102}^{(21)}
\end{aligned}
$$

$$
\begin{aligned}
&-m_{210}^{(10)}m_{111}^{(20)}m_{021}^{(22)}+m_{210}^{(10)}m_{111}^{(20)}m_{003}^{(11)}+2m_{210}^{(10)}m_{111}^{(21)}m_{111}^{(22)}-2m_{210}^{(10)}m_{111}^{(21)}m_{102}^{(21)}\\
&-2m_{210}^{(10)}m_{111}^{(21)}m_{012}^{(20)}+2m_{210}^{(10)}m_{111}^{(21)}m_{003}^{(10)}-m_{210}^{(10)}m_{111}^{(22)}m_{102}^{(11)}+2m_{210}^{(10)}m_{111}^{(22)}m_{021}^{(20)}\\
&-2m_{210}^{(10)}m_{111}^{(22)}m_{012}^{(10)}+m_{210}^{(10)}m_{102}^{(10)}m_{021}^{(22)}-2m_{210}^{(10)}m_{102}^{(10)}m_{012}^{(21)}+m_{210}^{(10)}m_{102}^{(10)}m_{003}^{(11)}\\
&+m_{210}^{(10)}m_{102}^{(11)}m_{102}^{(21)}+m_{210}^{(10)}m_{102}^{(11)}m_{012}^{(20)}-m_{210}^{(10)}m_{102}^{(11)}m_{003}^{(10)}-m_{210}^{(10)}m_{102}^{(20)}m_{030}^{(22)}\\
&+3m_{210}^{(10)}m_{102}^{(20)}m_{021}^{(21)}-2m_{210}^{(10)}m_{102}^{(20)}m_{012}^{(11)}-m_{210}^{(10)}m_{102}^{(22)}m_{030}^{(20)}+m_{210}^{(10)}m_{102}^{(22)}m_{021}^{(10)}\\
&+m_{210}^{(10)}m_{030}^{(20)}m_{003}^{(20)}-m_{210}^{(10)}m_{021}^{(00)}m_{012}^{(22)}+m_{210}^{(10)}m_{021}^{(00)}m_{003}^{(21)}-m_{210}^{(10)}m_{021}^{(10)}m_{003}^{(20)}\\
&-m_{210}^{(10)}m_{021}^{(20)}m_{012}^{(20)}-m_{210}^{(10)}m_{021}^{(20)}m_{003}^{(10)}-m_{210}^{(10)}m_{021}^{(21)}m_{003}^{(00)}+m_{210}^{(10)}m_{021}^{(22)}m_{012}^{(00)}\\
&-m_{210}^{(10)}m_{012}^{(00)}m_{003}^{(11)}+2m_{210}^{(10)}m_{012}^{(10)}m_{012}^{(20)}+m_{210}^{(10)}m_{012}^{(11)}m_{003}^{(00)}-m_{210}^{(11)}m_{210}^{(20)}m_{012}^{(22)}\\
&+m_{210}^{(11)}m_{210}^{(20)}m_{003}^{(21)}+m_{210}^{(11)}m_{210}^{(21)}m_{102}^{(22)}-m_{210}^{(11)}m_{210}^{(21)}m_{003}^{(20)}-m_{210}^{(11)}m_{210}^{(22)}m_{102}^{(21)}\\
&+m_{210}^{(11)}m_{210}^{(22)}m_{012}^{(20)}+m_{210}^{(11)}m_{201}^{(10)}m_{012}^{(22)}-m_{210}^{(11)}m_{201}^{(10)}m_{003}^{(21)}-m_{210}^{(11)}m_{201}^{(11)}m_{102}^{(22)}\\
&+m_{210}^{(11)}m_{201}^{(11)}m_{003}^{(20)}-m_{210}^{(11)}m_{201}^{(20)}m_{021}^{(22)}+2m_{210}^{(11)}m_{201}^{(20)}m_{012}^{(21)}-m_{210}^{(11)}m_{201}^{(20)}m_{003}^{(11)}\\
&+2m_{210}^{(11)}m_{201}^{(21)}m_{111}^{(22)}-m_{210}^{(11)}m_{201}^{(21)}m_{102}^{(21)}-m_{210}^{(11)}m_{201}^{(21)}m_{003}^{(10)}-m_{210}^{(11)}m_{201}^{(22)}m_{120}^{(22)}\\
&+m_{210}^{(11)}m_{201}^{(22)}m_{102}^{(11)}-m_{210}^{(11)}m_{201}^{(22)}m_{021}^{(20)}+m_{210}^{(11)}m_{201}^{(22)}m_{012}^{(10)}+m_{210}^{(11)}m_{120}^{(20)}m_{102}^{(22)}\\
&-m_{210}^{(11)}m_{120}^{(20)}m_{003}^{(20)}+m_{210}^{(11)}m_{120}^{(22)}m_{102}^{(20)}+m_{210}^{(11)}m_{111}^{(00)}m_{012}^{(22)}-m_{210}^{(11)}m_{111}^{(00)}m_{003}^{(21)}\\
&-m_{210}^{(11)}m_{111}^{(10)}m_{102}^{(22)}+m_{210}^{(11)}m_{111}^{(10)}m_{003}^{(20)}-m_{210}^{(11)}m_{111}^{(20)}m_{102}^{(21)}+m_{210}^{(11)}m_{111}^{(20)}m_{003}^{(10)}\\
&-m_{210}^{(11)}m_{111}^{(21)}m_{102}^{(20)}+m_{210}^{(11)}m_{111}^{(21)}m_{003}^{(00)}-m_{210}^{(11)}m_{111}^{(22)}m_{102}^{(10)}-m_{210}^{(11)}m_{111}^{(22)}m_{012}^{(00)}\\
&-m_{210}^{(11)}m_{102}^{(00)}m_{012}^{(21)}+m_{210}^{(11)}m_{102}^{(00)}m_{003}^{(11)}+2m_{210}^{(11)}m_{102}^{(10)}m_{102}^{(21)}-m_{210}^{(11)}m_{102}^{(10)}m_{012}^{(20)}\\
&-m_{210}^{(11)}m_{102}^{(11)}m_{003}^{(00)}+m_{210}^{(11)}m_{102}^{(20)}m_{021}^{(20)}-m_{210}^{(11)}m_{102}^{(20)}m_{012}^{(10)}+m_{210}^{(11)}m_{102}^{(21)}m_{012}^{(00)}\\
&+2m_{210}^{(20)}m_{210}^{(21)}m_{021}^{(22)}-2m_{210}^{(20)}m_{210}^{(21)}m_{012}^{(21)}-m_{210}^{(20)}m_{210}^{(22)}m_{030}^{(22)}+m_{210}^{(20)}m_{210}^{(22)}m_{021}^{(21)}\\
&+m_{210}^{(20)}m_{201}^{(11)}m_{021}^{(22)}-m_{210}^{(20)}m_{201}^{(11)}m_{012}^{(21)}-m_{210}^{(20)}m_{201}^{(21)}m_{030}^{(22)}+m_{210}^{(20)}m_{201}^{(21)}m_{012}^{(11)}\\
&+m_{210}^{(20)}m_{201}^{(22)}m_{030}^{(21)}-m_{210}^{(20)}m_{201}^{(22)}m_{021}^{(11)}-m_{210}^{(20)}m_{120}^{(11)}m_{102}^{(22)}+m_{210}^{(20)}m_{120}^{(11)}m_{003}^{(20)}\\
&-m_{210}^{(20)}m_{120}^{(20)}m_{021}^{(22)}+m_{210}^{(20)}m_{120}^{(20)}m_{012}^{(21)}+2m_{210}^{(20)}m_{120}^{(21)}m_{102}^{(21)}-2m_{210}^{(20)}m_{120}^{(21)}m_{012}^{(20)}\\
&+m_{210}^{(20)}(m_{120}^{(22)})^2-3m_{210}^{(20)}m_{120}^{(22)}m_{111}^{(21)}+m_{210}^{(20)}m_{120}^{(22)}m_{021}^{(20)}-m_{210}^{(20)}m_{111}^{(10)}m_{021}^{(22)}\\
&+2m_{210}^{(20)}m_{111}^{(10)}m_{012}^{(21)}-m_{210}^{(20)}m_{111}^{(10)}m_{003}^{(11)}+2m_{210}^{(20)}m_{111}^{(11)}m_{111}^{(22)}-2m_{210}^{(20)}m_{111}^{(11)}m_{003}^{(10)}\\
&+2m_{210}^{(20)}m_{111}^{(20)}m_{030}^{(22)}-2m_{210}^{(20)}m_{111}^{(20)}m_{021}^{(21)}-m_{210}^{(20)}m_{111}^{(21)}m_{102}^{(11)}+2m_{210}^{(20)}m_{111}^{(21)}m_{021}^{(20)}\\
&+2m_{210}^{(20)}m_{111}^{(21)}m_{012}^{(10)}-2m_{210}^{(20)}m_{111}^{(22)}m_{030}^{(20)}-2m_{210}^{(20)}m_{102}^{(11)}m_{021}^{(20)}+3m_{210}^{(20)}m_{102}^{(11)}m_{012}^{(10)}\\
&-m_{210}^{(20)}m_{102}^{(20)}m_{030}^{(21)}+m_{210}^{(20)}m_{102}^{(20)}m_{021}^{(11)}+2m_{210}^{(20)}m_{102}^{(21)}m_{030}^{(20)}-4m_{210}^{(20)}m_{102}^{(21)}m_{021}^{(10)}\\
&+m_{210}^{(20)}m_{102}^{(22)}m_{030}^{(10)}+m_{210}^{(20)}m_{030}^{(00)}m_{012}^{(22)}-m_{210}^{(20)}m_{030}^{(00)}m_{003}^{(21)}-m_{210}^{(20)}m_{030}^{(10)}m_{003}^{(20)}\\
&-m_{210}^{(20)}m_{021}^{(00)}m_{021}^{(22)}+m_{210}^{(20)}m_{021}^{(00)}m_{003}^{(11)}+2m_{210}^{(20)}m_{021}^{(10)}m_{012}^{(20)}+2m_{210}^{(20)}m_{021}^{(10)}m_{003}^{(10)}\\
&-m_{210}^{(20)}m_{021}^{(20)}m_{012}^{(10)}+m_{210}^{(20)}m_{021}^{(21)}m_{012}^{(00)}-m_{210}^{(20)}m_{012}^{(00)}m_{012}^{(11)}-2m_{210}^{(20)}(m_{012}^{(10)})^2\\
&-2(m_{210}^{(21)})^2m_{111}^{(22)}+2(m_{210}^{(21)})^2m_{012}^{(20)}+m_{210}^{(21)}m_{210}^{(22)}m_{120}^{(22)}+2m_{210}^{(21)}m_{210}^{(22)}m_{111}^{(21)}\\
&-3m_{210}^{(21)}m_{210}^{(22)}m_{021}^{(20)}-m_{210}^{(21)}m_{201}^{(10)}m_{021}^{(22)}+m_{210}^{(21)}m_{201}^{(10)}m_{003}^{(11)}+m_{210}^{(21)}m_{201}^{(11)}m_{102}^{(21)}\\
&-3m_{210}^{(21)}m_{201}^{(11)}m_{012}^{(20)}+2m_{210}^{(21)}m_{201}^{(11)}m_{003}^{(10)}+m_{210}^{(21)}m_{201}^{(20)}m_{030}^{(22)}-2m_{210}^{(21)}m_{201}^{(20)}m_{021}^{(21)}\\
&+m_{210}^{(21)}m_{201}^{(20)}m_{012}^{(11)}+2m_{210}^{(21)}m_{201}^{(21)}m_{021}^{(20)}-2m_{210}^{(21)}m_{201}^{(21)}m_{012}^{(10)}+m_{210}^{(21)}m_{201}^{(22)}m_{120}^{(21)}\\
&-2m_{210}^{(21)}m_{201}^{(22)}m_{111}^{(11)}+m_{210}^{(21)}m_{201}^{(22)}m_{030}^{(20)}-m_{210}^{(21)}m_{120}^{(00)}m_{012}^{(22)}+m_{210}^{(21)}m_{120}^{(00)}m_{003}^{(21)}\\
&-m_{210}^{(21)}m_{120}^{(10)}m_{102}^{(22)}+m_{210}^{(21)}m_{120}^{(10)}m_{003}^{(20)}-m_{210}^{(21)}m_{120}^{(20)}m_{102}^{(21)}+m_{210}^{(21)}m_{120}^{(20)}m_{012}^{(20)}\\
&-m_{210}^{(21)}m_{120}^{(21)}m_{102}^{(20)}-m_{210}^{(21)}m_{120}^{(22)}m_{111}^{(20)}-m_{210}^{(21)}m_{111}^{(00)}m_{021}^{(22)}+2m_{210}^{(21)}m_{111}^{(00)}m_{012}^{(21)}\\
&-m_{210}^{(21)}m_{111}^{(00)}m_{003}^{(11)}+2m_{210}^{(21)}m_{111}^{(10)}m_{111}^{(22)}+2m_{210}^{(21)}m_{111}^{(10)}m_{102}^{(21)}-2m_{210}^{(21)}m_{111}^{(10)}m_{012}^{(20)}
\end{aligned}
$$

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\begin{aligned}
&-2m_{210}^{(21)}m_{111}^{(10)}m_{003}^{(10)}+2m_{210}^{(21)}m_{111}^{(11)}m_{102}^{(20)}+m_{210}^{(21)}m_{111}^{(20)}m_{102}^{(11)}-2m_{210}^{(21)}m_{111}^{(21)}m_{012}^{(00)}\\
&+2m_{210}^{(21)}m_{111}^{(22)}m_{021}^{(00)}+m_{210}^{(21)}m_{102}^{(00)}m_{021}^{(21)}-m_{210}^{(21)}m_{102}^{(00)}m_{012}^{(11)}-3m_{210}^{(21)}m_{102}^{(10)}m_{102}^{(11)}\\
&+m_{210}^{(21)}m_{102}^{(10)}m_{021}^{(20)}+2m_{210}^{(21)}m_{102}^{(10)}m_{012}^{(10)}+2m_{210}^{(21)}m_{102}^{(11)}m_{012}^{(00)}-m_{210}^{(21)}m_{102}^{(20)}m_{030}^{(20)}\\
&-2m_{210}^{(21)}m_{102}^{(21)}m_{021}^{(00)}-(m_{210}^{(22)})^2m_{120}^{(21)}+(m_{210}^{(22)})^2m_{030}^{(20)}+m_{210}^{(22)}m_{201}^{(10)}m_{021}^{(21)}\\
&-m_{210}^{(22)}m_{201}^{(10)}m_{012}^{(11)}+2m_{210}^{(22)}m_{201}^{(11)}m_{021}^{(20)}-2m_{210}^{(22)}m_{201}^{(11)}m_{012}^{(10)}-m_{210}^{(22)}m_{201}^{(21)}m_{120}^{(21)}\\
&-2m_{210}^{(22)}m_{201}^{(21)}m_{030}^{(20)}+3m_{210}^{(22)}m_{201}^{(21)}m_{021}^{(10)}+m_{210}^{(22)}m_{201}^{(22)}m_{120}^{(11)}-m_{210}^{(22)}m_{201}^{(22)}m_{030}^{(10)}\\
&+m_{210}^{(22)}m_{120}^{(00)}m_{021}^{(22)}-m_{210}^{(22)}m_{120}^{(00)}m_{012}^{(21)}+m_{210}^{(22)}m_{120}^{(10)}m_{111}^{(22)}-m_{210}^{(22)}m_{120}^{(10)}m_{012}^{(20)}\\
&-m_{210}^{(22)}m_{120}^{(11)}m_{102}^{(20)}-m_{210}^{(22)}m_{120}^{(20)}m_{120}^{(22)}+m_{210}^{(22)}m_{120}^{(20)}m_{111}^{(21)}+3m_{210}^{(22)}m_{120}^{(21)}m_{111}^{(20)}\\
&-m_{210}^{(22)}m_{111}^{(00)}m_{021}^{(21)}+m_{210}^{(22)}m_{111}^{(00)}m_{012}^{(11)}-4m_{210}^{(22)}m_{111}^{(10)}m_{111}^{(21)}+m_{210}^{(22)}m_{111}^{(10)}m_{102}^{(11)}\\
&+m_{210}^{(22)}m_{111}^{(10)}m_{021}^{(20)}+2m_{210}^{(22)}m_{111}^{(10)}m_{012}^{(10)}-2m_{210}^{(22)}m_{111}^{(11)}m_{111}^{(20)}+2m_{210}^{(22)}m_{111}^{(11)}m_{102}^{(10)}\\
&-m_{210}^{(22)}m_{111}^{(20)}m_{021}^{(10)}+m_{210}^{(22)}m_{111}^{(21)}m_{021}^{(00)}-m_{210}^{(22)}m_{111}^{(22)}m_{030}^{(00)}-2m_{210}^{(22)}m_{102}^{(10)}m_{021}^{(10)}\\
&-m_{210}^{(22)}m_{102}^{(11)}m_{021}^{(00)}+m_{210}^{(22)}m_{102}^{(20)}m_{030}^{(10)}+m_{210}^{(22)}m_{102}^{(21)}m_{030}^{(00)}-m_{201}^{(00)}m_{120}^{(11)}m_{012}^{(22)}\\
&+m_{201}^{(00)}m_{120}^{(11)}m_{003}^{(21)}+m_{201}^{(00)}m_{120}^{(21)}m_{021}^{(22)}-m_{201}^{(00)}m_{120}^{(21)}m_{012}^{(21)}+m_{201}^{(00)}m_{111}^{(11)}m_{021}^{(22)}\\
&-m_{201}^{(00)}m_{111}^{(11)}m_{003}^{(11)}-m_{201}^{(00)}m_{111}^{(21)}m_{030}^{(22)}+m_{201}^{(00)}m_{111}^{(21)}m_{012}^{(11)}-m_{201}^{(00)}m_{111}^{(11)}m_{021}^{(21)}\\
&+m_{201}^{(00)}m_{102}^{(11)}m_{012}^{(11)}+m_{201}^{(00)}m_{102}^{(21)}m_{030}^{(21)}-m_{201}^{(00)}m_{102}^{(21)}m_{021}^{(11)}+m_{201}^{(00)}m_{102}^{(10)}m_{012}^{(22)}\\
&-m_{201}^{(00)}m_{030}^{(10)}m_{003}^{(21)}-m_{201}^{(00)}m_{030}^{(20)}m_{021}^{(22)}+m_{201}^{(00)}m_{030}^{(20)}m_{012}^{(21)}-m_{201}^{(00)}m_{030}^{(21)}m_{012}^{(20)}\\
&+m_{201}^{(00)}m_{030}^{(22)}m_{021}^{(20)}-m_{201}^{(00)}m_{021}^{(10)}m_{021}^{(22)}+m_{201}^{(00)}m_{021}^{(10)}m_{003}^{(11)}+m_{201}^{(00)}m_{021}^{(11)}m_{012}^{(20)}\\
&-m_{201}^{(00)}m_{021}^{(20)}m_{012}^{(11)}+m_{201}^{(00)}m_{021}^{(21)}m_{012}^{(10)}-m_{201}^{(00)}m_{012}^{(10)}m_{012}^{(11)}-m_{201}^{(10)}m_{201}^{(11)}m_{012}^{(21)}\\
&+m_{201}^{(10)}m_{201}^{(11)}m_{003}^{(11)}+2m_{201}^{(10)}m_{201}^{(21)}m_{021}^{(21)}-2m_{201}^{(10)}m_{201}^{(21)}m_{012}^{(11)}-m_{201}^{(10)}m_{201}^{(22)}m_{030}^{(21)}\\
&+m_{201}^{(10)}m_{201}^{(22)}m_{021}^{(11)}-m_{201}^{(10)}m_{120}^{(10)}m_{012}^{(22)}+m_{201}^{(10)}m_{120}^{(10)}m_{003}^{(21)}+m_{201}^{(10)}m_{120}^{(11)}m_{102}^{(22)}\\
&-m_{201}^{(10)}m_{120}^{(11)}m_{003}^{(20)}-2m_{201}^{(10)}m_{120}^{(21)}m_{102}^{(21)}+4m_{201}^{(10)}m_{120}^{(21)}m_{012}^{(20)}-2m_{201}^{(10)}m_{120}^{(21)}m_{003}^{(10)}\\
&+m_{201}^{(10)}m_{120}^{(22)}m_{111}^{(21)}-3m_{201}^{(10)}m_{120}^{(22)}m_{021}^{(20)}+2m_{201}^{(10)}m_{120}^{(22)}m_{012}^{(10)}+2m_{201}^{(10)}m_{111}^{(10)}m_{012}^{(21)}\\
&-2m_{201}^{(10)}m_{111}^{(10)}m_{003}^{(11)}-2m_{201}^{(10)}m_{111}^{(11)}m_{111}^{(22)}+2m_{201}^{(10)}m_{111}^{(11)}m_{003}^{(10)}+m_{201}^{(10)}m_{111}^{(20)}m_{030}^{(22)}\\
&-2m_{201}^{(10)}m_{111}^{(20)}m_{021}^{(21)}+m_{201}^{(10)}m_{111}^{(20)}m_{012}^{(11)}+3m_{201}^{(10)}m_{111}^{(21)}m_{102}^{(11)}-2m_{201}^{(10)}m_{111}^{(21)}m_{021}^{(20)}\\
&-2m_{201}^{(10)}m_{111}^{(21)}m_{012}^{(10)}+2m_{201}^{(10)}m_{111}^{(22)}m_{030}^{(20)}-m_{201}^{(10)}m_{102}^{(10)}m_{021}^{(21)}+m_{201}^{(10)}m_{102}^{(10)}m_{012}^{(11)}\\
&-m_{201}^{(10)}(m_{102}^{(11)})^2-m_{201}^{(10)}m_{102}^{(11)}m_{012}^{(10)}+2m_{201}^{(10)}m_{102}^{(21)}m_{021}^{(10)}-m_{201}^{(10)}m_{102}^{(22)}m_{030}^{(10)}\\
&+m_{201}^{(10)}m_{030}^{(10)}m_{003}^{(20)}-2m_{201}^{(10)}m_{030}^{(20)}m_{012}^{(20)}+m_{201}^{(10)}m_{030}^{(21)}m_{003}^{(00)}-m_{201}^{(10)}m_{030}^{(22)}m_{012}^{(00)}\\
&+m_{201}^{(10)}m_{021}^{(00)}m_{021}^{(22)}-m_{201}^{(10)}m_{021}^{(00)}m_{012}^{(21)}-2m_{201}^{(10)}m_{021}^{(10)}m_{012}^{(20)}-m_{201}^{(10)}m_{021}^{(11)}m_{003}^{(00)}\\
&+2m_{201}^{(10)}(m_{021}^{(20)})^2+m_{201}^{(10)}m_{021}^{(20)}m_{012}^{(10)}+m_{201}^{(10)}m_{012}^{(00)}m_{012}^{(11)}+(m_{201}^{(11)})^2m_{102}^{(21)}\\
&-(m_{201}^{(11)})^2m_{003}^{(10)}-2m_{201}^{(11)}m_{201}^{(21)}m_{111}^{(21)}-m_{201}^{(11)}m_{201}^{(21)}m_{102}^{(11)}+3m_{201}^{(11)}m_{201}^{(21)}m_{012}^{(10)}\\
&+m_{201}^{(11)}m_{201}^{(22)}m_{120}^{(21)}-m_{201}^{(11)}m_{201}^{(22)}m_{021}^{(10)}+m_{201}^{(11)}m_{120}^{(10)}m_{102}^{(22)}-m_{201}^{(11)}m_{120}^{(10)}m_{003}^{(20)}\\
&-2m_{201}^{(11)}m_{120}^{(20)}m_{111}^{(22)}+2m_{201}^{(11)}m_{120}^{(20)}m_{012}^{(20)}-m_{201}^{(11)}m_{120}^{(21)}m_{003}^{(00)}-m_{201}^{(11)}m_{120}^{(22)}m_{111}^{(20)}\\
&+m_{201}^{(11)}m_{120}^{(22)}m_{012}^{(00)}-m_{201}^{(11)}m_{111}^{(00)}m_{021}^{(22)}+m_{201}^{(11)}m_{111}^{(00)}m_{012}^{(21)}+2m_{201}^{(11)}m_{111}^{(10)}m_{111}^{(22)}\\
&-3m_{201}^{(11)}m_{111}^{(10)}m_{102}^{(21)}+m_{201}^{(11)}m_{111}^{(10)}m_{012}^{(20)}-m_{201}^{(11)}m_{111}^{(11)}m_{102}^{(20)}+m_{201}^{(11)}m_{111}^{(11)}m_{003}^{(00)}\\
&+4m_{201}^{(11)}m_{111}^{(20)}m_{111}^{(21)}-2m_{201}^{(11)}m_{111}^{(20)}m_{021}^{(20)}-m_{201}^{(11)}m_{111}^{(20)}m_{012}^{(10)}-m_{201}^{(11)}m_{111}^{(21)}m_{102}^{(10)}\\
&-m_{201}^{(11)}m_{111}^{(21)}m_{012}^{(00)}+m_{201}^{(11)}m_{102}^{(00)}m_{021}^{(21)}-m_{201}^{(11)}m_{102}^{(00)}m_{012}^{(11)}+m_{201}^{(11)}m_{102}^{(10)}m_{102}^{(11)}\\
&+m_{201}^{(11)}m_{102}^{(20)}m_{021}^{(10)}+2m_{201}^{(20)}m_{120}^{(10)}m_{021}^{(22)}-3m_{201}^{(20)}m_{120}^{(10)}m_{012}^{(21)}+m_{201}^{(20)}m_{120}^{(10)}m_{003}^{(11)}\\
&-m_{201}^{(20)}m_{120}^{(11)}m_{012}^{(20)}+m_{201}^{(20)}m_{120}^{(11)}m_{003}^{(10)}-m_{201}^{(20)}m_{120}^{(20)}m_{030}^{(22)}+2m_{201}^{(20)}m_{120}^{(20)}m_{021}^{(21)}
\end{aligned}
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\begin{aligned}
&-m^{(20)}_{201}m^{(20)}_{120}m^{(11)}_{012} - m^{(20)}_{201}m^{(21)}_{120}m^{(22)}_{120} + 2m^{(20)}_{201}m^{(21)}_{120}m^{(21)}_{111} - m^{(20)}_{201}m^{(21)}_{120}m^{(11)}_{102}\\
&+m^{(20)}_{201}m^{(22)}_{120}m^{(11)}_{111} + m^{(20)}_{201}m^{(22)}_{120}m^{(20)}_{030} - m^{(20)}_{201}m^{(22)}_{120}m^{(10)}_{021} - m^{(20)}_{201}m^{(10)}_{111}m^{(22)}_{030}\\
&+m^{(20)}_{201}m^{(10)}_{111}m^{(11)}_{012} - 2m^{(20)}_{201}m^{(11)}_{111}m^{(21)}_{111} + m^{(20)}_{201}m^{(11)}_{111}m^{(11)}_{102} + 2m^{(20)}_{201}m^{(11)}_{111}m^{(20)}_{021}\\
&-2m^{(20)}_{201}m^{(11)}_{111}m^{(10)}_{012} - 2m^{(20)}_{201}m^{(21)}_{111}m^{(20)}_{030} + 2m^{(20)}_{201}m^{(21)}_{111}m^{(10)}_{021} + m^{(20)}_{201}m^{(10)}_{102}m^{(21)}_{030}\\
&-m^{(20)}_{201}m^{(10)}_{102}m^{(11)}_{021} - m^{(20)}_{201}m^{(00)}_{030}m^{(22)}_{021} + m^{(20)}_{201}m^{(00)}_{030}m^{(21)}_{012} + m^{(20)}_{201}m^{(10)}_{030}m^{(20)}_{012}\\
&-m^{(20)}_{201}m^{(10)}_{030}m^{(10)}_{003} + m^{(20)}_{201}m^{(20)}_{030}m^{(10)}_{012} - m^{(20)}_{201}m^{(21)}_{030}m^{(00)}_{012} + m^{(20)}_{201}m^{(22)}_{030}m^{(00)}_{021}\\
&-m^{(20)}_{201}m^{(00)}_{021}m^{(11)}_{012} - 2m^{(20)}_{201}m^{(10)}_{021}m^{(20)}_{021} + m^{(20)}_{201}m^{(10)}_{021}m^{(10)}_{012} + m^{(20)}_{201}m^{(11)}_{021}m^{(00)}_{012}\\
&+2(m^{(21)}_{201})^2m^{(11)}_{111} - 2(m^{(21)}_{201})^2m^{(10)}_{021} - m^{(21)}_{201}m^{(22)}_{201}m^{(11)}_{120} + m^{(21)}_{201}m^{(22)}_{201}m^{(10)}_{030}\\
&+m^{(21)}_{201}m^{(00)}_{120}m^{(22)}_{021} - m^{(21)}_{201}m^{(00)}_{120}m^{(21)}_{012} - 2m^{(21)}_{201}m^{(10)}_{120}m^{(22)}_{111} + m^{(21)}_{201}m^{(10)}_{120}m^{(21)}_{102}\\
&+m^{(21)}_{201}m^{(10)}_{120}m^{(10)}_{003} + m^{(21)}_{201}m^{(11)}_{120}m^{(20)}_{102} + 3m^{(21)}_{201}m^{(20)}_{120}m^{(22)}_{120} - 2m^{(21)}_{201}m^{(20)}_{120}m^{(20)}_{021}\\
&-m^{(21)}_{201}m^{(20)}_{120}m^{(10)}_{012} - 2m^{(21)}_{201}m^{(21)}_{120}m^{(20)}_{111} + m^{(21)}_{201}m^{(21)}_{120}m^{(10)}_{102} + 2m^{(21)}_{201}m^{(21)}_{120}m^{(00)}_{012}\\
&-m^{(21)}_{201}m^{(22)}_{120}m^{(10)}_{111} - 2m^{(21)}_{201}m^{(22)}_{120}m^{(00)}_{021} + m^{(21)}_{201}m^{(00)}_{111}m^{(22)}_{030} - 2m^{(21)}_{201}m^{(00)}_{111}m^{(21)}_{021}\\
&+m^{(21)}_{201}m^{(00)}_{111}m^{(11)}_{012} + m^{(21)}_{201}m^{(10)}_{111}m^{(11)}_{102} - 2m^{(21)}_{201}m^{(11)}_{111}m^{(20)}_{111} - 2m^{(21)}_{201}m^{(11)}_{111}m^{(00)}_{012}\\
&+2m^{(21)}_{201}m^{(20)}_{111}m^{(20)}_{030} + 2m^{(21)}_{201}m^{(20)}_{111}m^{(10)}_{021} + 2m^{(21)}_{201}m^{(21)}_{111}m^{(00)}_{021} - m^{(21)}_{201}m^{(00)}_{102}m^{(21)}_{030}\\
&+m^{(21)}_{201}m^{(00)}_{102}m^{(11)}_{021} - m^{(21)}_{201}m^{(10)}_{102}m^{(10)}_{021} - m^{(21)}_{201}m^{(20)}_{102}m^{(10)}_{030} - m^{(22)}_{201}m^{(00)}_{120}m^{(22)}_{030}\\
&+m^{(22)}_{201}m^{(00)}_{120}m^{(21)}_{021} + m^{(22)}_{201}m^{(10)}_{120}m^{(21)}_{111} - m^{(22)}_{201}m^{(10)}_{120}m^{(11)}_{102} + m^{(22)}_{201}m^{(10)}_{120}m^{(20)}_{021}\\
&-m^{(22)}_{201}m^{(10)}_{120}m^{(10)}_{012} + m^{(22)}_{201}m^{(11)}_{120}m^{(20)}_{111} - m^{(22)}_{201}m^{(11)}_{120}m^{(10)}_{102} - 2m^{(22)}_{201}m^{(20)}_{120}m^{(21)}_{120}\\
&+m^{(22)}_{201}m^{(20)}_{120}m^{(11)}_{111} + m^{(22)}_{201}m^{(20)}_{120}m^{(10)}_{021} + m^{(22)}_{201}m^{(21)}_{120}m^{(10)}_{111} - m^{(22)}_{201}m^{(21)}_{120}m^{(00)}_{021}\\
&+m^{(22)}_{201}m^{(22)}_{120}m^{(00)}_{030} + m^{(22)}_{201}m^{(00)}_{111}m^{(21)}_{030} - m^{(22)}_{201}m^{(00)}_{111}m^{(11)}_{021} - m^{(22)}_{201}m^{(10)}_{111}m^{(20)}_{030}\\
&+m^{(22)}_{201}m^{(11)}_{111}m^{(00)}_{021} - m^{(22)}_{201}m^{(20)}_{111}m^{(10)}_{030} - m^{(22)}_{201}m^{(21)}_{111}m^{(00)}_{030} + m^{(22)}_{201}m^{(10)}_{102}m^{(10)}_{030}\\
&-m^{(00)}_{120}m^{(20)}_{120}m^{(22)}_{012} + m^{(00)}_{120}m^{(20)}_{120}m^{(21)}_{003} + m^{(00)}_{120}m^{(21)}_{120}m^{(22)}_{102} - m^{(00)}_{120}m^{(21)}_{120}m^{(20)}_{003}\\
&-m^{(00)}_{120}m^{(22)}_{120}m^{(21)}_{102} + m^{(00)}_{120}m^{(22)}_{120}m^{(20)}_{012} + m^{(00)}_{120}m^{(10)}_{111}m^{(22)}_{012} - m^{(00)}_{120}m^{(10)}_{111}m^{(21)}_{003}\\
&-m^{(00)}_{120}m^{(11)}_{111}m^{(22)}_{102} + m^{(00)}_{120}m^{(11)}_{111}m^{(20)}_{003} + m^{(00)}_{120}m^{(20)}_{111}m^{(21)}_{012} - m^{(00)}_{120}m^{(20)}_{111}m^{(11)}_{003}\\
&+m^{(00)}_{120}m^{(21)}_{111}m^{(20)}_{012} - m^{(00)}_{120}m^{(21)}_{111}m^{(10)}_{003} + m^{(00)}_{120}m^{(22)}_{111}m^{(11)}_{102} - 2m^{(00)}_{120}m^{(22)}_{111}m^{(20)}_{021}\\
&+m^{(00)}_{120}m^{(22)}_{111}m^{(10)}_{012} - m^{(00)}_{120}m^{(10)}_{102}m^{(22)}_{021} + m^{(00)}_{120}m^{(10)}_{102}m^{(21)}_{012} - m^{(00)}_{120}m^{(11)}_{102}m^{(20)}_{012}\\
&+m^{(00)}_{120}m^{(20)}_{102}m^{(22)}_{030} - 2m^{(00)}_{120}m^{(20)}_{102}m^{(21)}_{021} + m^{(00)}_{120}m^{(20)}_{102}m^{(11)}_{012} + m^{(00)}_{120}m^{(21)}_{102}m^{(10)}_{012}\\
&+m^{(00)}_{120}m^{(22)}_{102}m^{(20)}_{030} - m^{(00)}_{120}m^{(22)}_{102}m^{(10)}_{021} - m^{(00)}_{120}m^{(20)}_{030}m^{(20)}_{003} + m^{(00)}_{120}m^{(00)}_{021}m^{(22)}_{012}\\
&-m^{(00)}_{120}m^{(00)}_{021}m^{(21)}_{003} + m^{(00)}_{120}m^{(10)}_{021}m^{(20)}_{003} + m^{(00)}_{120}m^{(20)}_{021}m^{(20)}_{012} + m^{(00)}_{120}m^{(20)}_{021}m^{(10)}_{003}\\
&+m^{(00)}_{120}m^{(21)}_{021}m^{(00)}_{003} - m^{(00)}_{120}m^{(22)}_{021}m^{(00)}_{012} + m^{(00)}_{120}m^{(00)}_{012}m^{(11)}_{003} - 2m^{(00)}_{120}m^{(10)}_{012}m^{(20)}_{012}\\
&-m^{(00)}_{120}m^{(11)}_{012}m^{(00)}_{003} - 2m^{(10)}_{120}m^{(20)}_{111}m^{(22)}_{111} + 2m^{(10)}_{120}m^{(20)}_{111}m^{(21)}_{102} + 2m^{(10)}_{120}m^{(20)}_{111}m^{(20)}_{012}\\
&-2m^{(10)}_{120}m^{(20)}_{111}m^{(10)}_{003} - m^{(10)}_{120}m^{(21)}_{111}m^{(00)}_{003} + 2m^{(10)}_{120}m^{(22)}_{111}m^{(10)}_{102} + m^{(10)}_{120}m^{(22)}_{111}m^{(00)}_{012}\\
&-m^{(10)}_{120}m^{(00)}_{102}m^{(22)}_{021} + 2m^{(10)}_{120}m^{(00)}_{102}m^{(21)}_{012} - m^{(10)}_{120}m^{(00)}_{102}m^{(11)}_{003} - 2m^{(10)}_{120}m^{(10)}_{102}m^{(21)}_{102}\\
&+m^{(10)}_{120}m^{(11)}_{102}m^{(00)}_{003} - 2m^{(10)}_{120}m^{(20)}_{102}m^{(20)}_{021} + 2m^{(10)}_{120}m^{(20)}_{102}m^{(10)}_{012} - m^{(10)}_{120}m^{(21)}_{102}m^{(00)}_{012}\\
&+m^{(10)}_{120}m^{(20)}_{021}m^{(00)}_{003} - m^{(10)}_{120}m^{(00)}_{012}m^{(20)}_{012} + m^{(10)}_{120}m^{(00)}_{012}m^{(10)}_{003} - m^{(10)}_{120}m^{(10)}_{012}m^{(00)}_{003}\\
&-m^{(11)}_{120}m^{(20)}_{111}m^{(00)}_{003} + m^{(11)}_{120}m^{(22)}_{111}m^{(00)}_{102} - m^{(11)}_{120}m^{(00)}_{102}m^{(21)}_{102} + m^{(11)}_{120}m^{(00)}_{102}m^{(20)}_{012}\\
&-m^{(11)}_{120}m^{(00)}_{102}m^{(10)}_{003} + m^{(11)}_{120}m^{(10)}_{102}m^{(00)}_{003} + 2(m^{(20)}_{120})^2m^{(22)}_{111} - 2(m^{(20)}_{120})^2m^{(21)}_{102}\\
&+2m^{(20)}_{120}m^{(21)}_{120}m^{(20)}_{102} - 2m^{(20)}_{120}m^{(22)}_{120}m^{(20)}_{111} + 2m^{(20)}_{120}m^{(00)}_{111}m^{(22)}_{021} - 2m^{(20)}_{120}m^{(00)}_{111}m^{(21)}_{012}\\
&-2m^{(20)}_{120}m^{(10)}_{111}m^{(22)}_{111} + 2m^{(20)}_{120}m^{(10)}_{111}m^{(21)}_{102} - 2m^{(20)}_{120}m^{(10)}_{111}m^{(20)}_{012} + 2m^{(20)}_{120}m^{(10)}_{111}m^{(10)}_{003}
\end{aligned}
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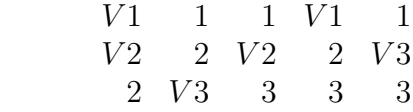
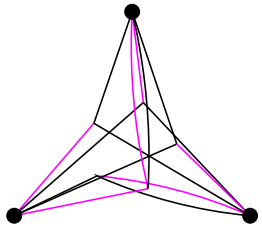
\begin{aligned}
&-2m_{120}^{(20)}m_{111}^{(11)}m_{102}^{(20)} + m_{120}^{(20)}m_{111}^{(11)}m_{003}^{(00)} + 2m_{120}^{(20)}m_{111}^{(20)}m_{102}^{(11)} - m_{120}^{(20)}m_{111}^{(21)}m_{012}^{(00)}\\
&-m_{120}^{(20)}m_{102}^{(00)}m_{021}^{(21)} + m_{120}^{(20)}m_{102}^{(00)}m_{012}^{(11)} + 2m_{120}^{(20)}m_{102}^{(10)}m_{021}^{(20)} - 2m_{120}^{(20)}m_{102}^{(10)}m_{012}^{(10)}\\
&-2m_{120}^{(20)}m_{102}^{(11)}m_{012}^{(00)} + 3m_{120}^{(20)}m_{102}^{(21)}m_{021}^{(00)} - m_{120}^{(20)}m_{102}^{(22)}m_{030}^{(00)} + m_{120}^{(20)}m_{030}^{(00)}m_{003}^{(20)}\\
&-m_{120}^{(20)}m_{021}^{(00)}m_{012}^{(20)} - 2m_{120}^{(20)}m_{021}^{(00)}m_{003}^{(10)} - m_{120}^{(20)}m_{021}^{(10)}m_{003}^{(00)} + 3m_{120}^{(20)}m_{012}^{(00)}m_{012}^{(10)}\\
&-2m_{120}^{(21)}m_{111}^{(00)}m_{111}^{(22)} + 2m_{120}^{(21)}m_{111}^{(00)}m_{003}^{(10)} - 2m_{120}^{(21)}m_{111}^{(10)}m_{102}^{(20)} + m_{120}^{(21)}m_{111}^{(10)}m_{003}^{(00)}\\
&-2m_{120}^{(21)}m_{111}^{(20)}m_{102}^{(10)} + m_{120}^{(21)}m_{111}^{(20)}m_{012}^{(00)} + m_{120}^{(21)}m_{102}^{(00)}m_{102}^{(11)} - m_{120}^{(21)}m_{102}^{(00)}m_{021}^{(20)}\\
&+2m_{120}^{(21)}(m_{102}^{(10)})^2 - 3m_{120}^{(21)}m_{102}^{(10)}m_{012}^{(00)} + m_{120}^{(21)}m_{102}^{(20)}m_{021}^{(00)} + 2m_{120}^{(22)}m_{111}^{(00)}m_{111}^{(21)}\\
&-2m_{120}^{(22)}m_{111}^{(00)}m_{012}^{(10)} + 4m_{120}^{(22)}m_{111}^{(10)}m_{111}^{(20)} - 2m_{120}^{(22)}m_{111}^{(10)}m_{102}^{(10)} - m_{120}^{(22)}m_{111}^{(10)}m_{012}^{(00)}\\
&-m_{120}^{(22)}m_{111}^{(11)}m_{102}^{(00)} + m_{120}^{(22)}m_{102}^{(00)}m_{021}^{(10)} + 2m_{120}^{(22)}m_{102}^{(10)}m_{021}^{(00)} - m_{120}^{(22)}m_{102}^{(20)}m_{030}^{(00)}\\
&-2m_{111}^{(00)}m_{111}^{(10)}m_{012}^{(21)} + 2m_{111}^{(00)}m_{111}^{(10)}m_{003}^{(11)} + 2m_{111}^{(00)}m_{111}^{(11)}m_{102}^{(21)} - 2m_{111}^{(00)}m_{111}^{(11)}m_{012}^{(20)}\\
&-2m_{111}^{(00)}m_{111}^{(20)}m_{030}^{(22)} + 2m_{111}^{(00)}m_{111}^{(20)}m_{021}^{(21)} - 2m_{111}^{(00)}m_{111}^{(21)}m_{102}^{(11)} + 2m_{111}^{(00)}m_{111}^{(21)}m_{021}^{(20)}\\
&-2m_{111}^{(00)}m_{111}^{(21)}m_{012}^{(10)} + 2m_{111}^{(00)}m_{111}^{(22)}m_{021}^{(10)} + 2m_{111}^{(00)}m_{102}^{(10)}m_{021}^{(21)} - 2m_{111}^{(00)}m_{102}^{(10)}m_{012}^{(11)}\\
&+2m_{111}^{(00)}m_{102}^{(11)}m_{021}^{(20)} - 2m_{111}^{(00)}m_{102}^{(21)}m_{030}^{(20)} - m_{111}^{(00)}m_{030}^{(00)}m_{012}^{(22)} + m_{111}^{(00)}m_{030}^{(00)}m_{003}^{(21)}\\
&+2m_{111}^{(00)}m_{030}^{(20)}m_{012}^{(20)} - m_{111}^{(00)}m_{030}^{(21)}m_{003}^{(00)} + m_{111}^{(00)}m_{030}^{(22)}m_{012}^{(00)} + m_{111}^{(00)}m_{021}^{(00)}m_{012}^{(21)}\\
&-m_{111}^{(00)}m_{021}^{(00)}m_{003}^{(11)} - 2m_{111}^{(00)}m_{021}^{(10)}m_{003}^{(10)} + m_{111}^{(00)}m_{021}^{(11)}m_{003}^{(00)} - 2m_{111}^{(00)}(m_{021}^{(20)})^2\\
&-m_{111}^{(00)}m_{021}^{(21)}m_{012}^{(00)} + 2m_{111}^{(00)}(m_{012}^{(10)})^2 + 2m_{111}^{(10)}m_{111}^{(11)}m_{102}^{(20)} - 2m_{111}^{(10)}m_{111}^{(11)}m_{003}^{(00)}\\
&-4m_{111}^{(10)}m_{111}^{(20)}m_{102}^{(11)} + 4m_{111}^{(10)}m_{111}^{(21)}m_{012}^{(00)} - 2m_{111}^{(10)}m_{111}^{(22)}m_{021}^{(00)} + m_{111}^{(10)}m_{102}^{(00)}m_{030}^{(22)}\\
&-m_{111}^{(10)}m_{102}^{(00)}m_{021}^{(21)} + 2m_{111}^{(10)}m_{102}^{(10)}m_{102}^{(11)} + 2m_{111}^{(10)}m_{102}^{(20)}m_{030}^{(20)} - 2m_{111}^{(10)}m_{102}^{(20)}m_{021}^{(10)}\\
&-m_{111}^{(10)}m_{102}^{(21)}m_{021}^{(00)} + m_{111}^{(10)}m_{102}^{(22)}m_{030}^{(00)} - m_{111}^{(10)}m_{030}^{(00)}m_{003}^{(20)} - m_{111}^{(10)}m_{030}^{(20)}m_{003}^{(00)}\\
&+3m_{111}^{(10)}m_{021}^{(00)}m_{012}^{(20)} + 2m_{111}^{(10)}m_{021}^{(10)}m_{003}^{(00)} - m_{111}^{(10)}m_{021}^{(20)}m_{012}^{(00)} - 2m_{111}^{(10)}m_{012}^{(00)}m_{012}^{(10)}\\
&+2m_{111}^{(11)}m_{111}^{(20)}m_{102}^{(10)} + 2m_{111}^{(11)}m_{111}^{(20)}m_{012}^{(00)} - m_{111}^{(11)}m_{102}^{(00)}m_{021}^{(20)} + 2m_{111}^{(11)}m_{102}^{(00)}m_{012}^{(10)}\\
&-2m_{111}^{(11)}(m_{102}^{(10)})^2 - m_{111}^{(11)}m_{102}^{(20)}m_{021}^{(00)} - 4m_{111}^{(20)}m_{111}^{(21)}m_{021}^{(00)} + 2m_{111}^{(20)}m_{111}^{(22)}m_{030}^{(00)}\\
&+m_{111}^{(20)}m_{102}^{(00)}m_{030}^{(21)} - m_{111}^{(20)}m_{102}^{(00)}m_{021}^{(11)} - 2m_{111}^{(20)}m_{102}^{(10)}m_{030}^{(20)} + 2m_{111}^{(20)}m_{102}^{(10)}m_{021}^{(10)}\\
&+m_{111}^{(20)}m_{102}^{(11)}m_{021}^{(00)} - m_{111}^{(20)}m_{102}^{(21)}m_{030}^{(00)} - 2m_{111}^{(20)}m_{030}^{(00)}m_{012}^{(20)} + m_{111}^{(20)}m_{030}^{(00)}m_{003}^{(10)}\\
&+m_{111}^{(20)}m_{030}^{(10)}m_{003}^{(00)} + 2m_{111}^{(20)}m_{021}^{(00)}m_{021}^{(20)} + m_{111}^{(20)}m_{021}^{(00)}m_{012}^{(10)} - 3m_{111}^{(20)}m_{021}^{(10)}m_{012}^{(00)}\\
&+m_{111}^{(21)}m_{102}^{(00)}m_{030}^{(20)} - m_{111}^{(21)}m_{102}^{(00)}m_{021}^{(10)} + m_{111}^{(21)}m_{102}^{(10)}m_{021}^{(00)} + m_{111}^{(21)}m_{102}^{(20)}m_{030}^{(00)}\\
&-m_{111}^{(22)}m_{102}^{(00)}m_{030}^{(10)} - m_{111}^{(22)}m_{102}^{(10)}m_{030}^{(00)} - m_{102}^{(00)}m_{102}^{(10)}m_{030}^{(21)} + m_{102}^{(00)}m_{102}^{(10)}m_{021}^{(11)}\\
&-m_{102}^{(00)}m_{102}^{(11)}m_{021}^{(10)} + m_{102}^{(00)}m_{102}^{(21)}m_{030}^{(10)} + m_{102}^{(00)}m_{030}^{(00)}m_{021}^{(22)} - m_{102}^{(00)}m_{030}^{(00)}m_{012}^{(21)}\\
&-m_{102}^{(00)}m_{030}^{(10)}m_{012}^{(20)} + m_{102}^{(00)}m_{030}^{(10)}m_{003}^{(10)} - m_{102}^{(00)}m_{030}^{(20)}m_{012}^{(10)} + m_{102}^{(00)}m_{030}^{(21)}m_{012}^{(00)}\\
&-m_{102}^{(00)}m_{030}^{(22)}m_{021}^{(00)} + m_{102}^{(00)}m_{021}^{(00)}m_{012}^{(11)} + 2m_{102}^{(00)}m_{021}^{(10)}m_{021}^{(20)} - m_{102}^{(00)}m_{021}^{(10)}m_{012}^{(10)}\\
&-m_{102}^{(00)}m_{021}^{(11)}m_{012}^{(00)} + m_{102}^{(10)}m_{030}^{(00)}m_{012}^{(20)} - m_{102}^{(10)}m_{030}^{(10)}m_{003}^{(00)} + 2m_{102}^{(10)}m_{030}^{(20)}m_{012}^{(00)}\\
&-3m_{102}^{(10)}m_{021}^{(00)}m_{021}^{(20)} + m_{102}^{(10)}m_{021}^{(10)}m_{012}^{(00)} + m_{102}^{(20)}m_{030}^{(00)}m_{021}^{(20)} - m_{102}^{(20)}m_{030}^{(00)}m_{012}^{(10)}\\
&-m_{102}^{(20)}m_{030}^{(20)}m_{021}^{(00)} + m_{102}^{(20)}m_{021}^{(00)}m_{021}^{(10)} - m_{030}^{(00)}m_{021}^{(20)}m_{003}^{(00)} + m_{030}^{(00)}m_{012}^{(00)}m_{012}^{(20)}\\
&-m_{030}^{(00)}m_{012}^{(00)}m_{003}^{(10)} + m_{030}^{(00)}m_{012}^{(10)}m_{003}^{(00)} + m_{030}^{(20)}m_{021}^{(00)}m_{003}^{(00)} - m_{030}^{(20)}(m_{012}^{(00)})^2\\
&-(m_{021}^{(00)})^2m_{012}^{(20)} + (m_{021}^{(00)})^2m_{003}^{(10)} - m_{021}^{(00)}m_{021}^{(10)}m_{003}^{(00)} + m_{021}^{(00)}m_{021}^{(00)}m_{012}^{(20)}\\
&-m_{021}^{(00)}m_{012}^{(00)}m_{012}^{(10)} + m_{021}^{(10)}(m_{012}^{(00)})^2
\end{aligned}
$$

Generating graph:





$$
\begin{aligned}
T_{90} \;=\;& -3m_{300}^{(10)}m_{120}^{(21)}m_{012}^{(22)} + 3m_{300}^{(10)}m_{120}^{(21)}m_{003}^{(21)} + 2m_{300}^{(10)}m_{120}^{(22)}m_{021}^{(22)} - m_{300}^{(10)}m_{120}^{(22)}m_{012}^{(21)} \\
& -m_{300}^{(10)}m_{120}^{(22)}m_{003}^{(11)} + 4m_{300}^{(10)}m_{111}^{(21)}m_{021}^{(22)} - 2m_{300}^{(10)}m_{111}^{(21)}m_{012}^{(21)} - 2m_{300}^{(10)}m_{111}^{(21)}m_{003}^{(11)} \\
& -2m_{300}^{(10)}m_{111}^{(22)}m_{030}^{(22)} - 2m_{300}^{(10)}m_{111}^{(22)}m_{021}^{(21)} + 4m_{300}^{(10)}m_{111}^{(22)}m_{012}^{(11)} - m_{300}^{(10)}m_{102}^{(21)}m_{030}^{(22)} \\
& -m_{300}^{(10)}m_{102}^{(21)}m_{021}^{(21)} + 2m_{300}^{(10)}m_{102}^{(21)}m_{012}^{(11)} + 3m_{300}^{(10)}m_{102}^{(22)}m_{030}^{(21)} - 3m_{300}^{(10)}m_{102}^{(22)}m_{021}^{(11)} \\
& -3m_{300}^{(10)}m_{030}^{(21)}m_{003}^{(20)} + 2m_{300}^{(10)}m_{030}^{(22)}m_{012}^{(20)} + m_{300}^{(10)}m_{030}^{(22)}m_{003}^{(10)} + 3m_{300}^{(10)}m_{021}^{(10)}m_{012}^{(22)} \\
& -3m_{300}^{(10)}m_{021}^{(10)}m_{003}^{(21)} + 3m_{300}^{(10)}m_{021}^{(11)}m_{003}^{(20)} - 2m_{300}^{(10)}m_{021}^{(20)}m_{021}^{(22)} + m_{300}^{(10)}m_{021}^{(20)}m_{012}^{(21)} \\
& +m_{300}^{(10)}m_{021}^{(20)}m_{003}^{(11)} + 2m_{300}^{(10)}m_{021}^{(21)}m_{012}^{(20)} + m_{300}^{(10)}m_{021}^{(21)}m_{003}^{(10)} - 4m_{300}^{(10)}m_{021}^{(22)}m_{012}^{(10)} \\
& +2m_{300}^{(10)}m_{012}^{(10)}m_{012}^{(21)} + 2m_{300}^{(10)}m_{012}^{(10)}m_{003}^{(11)} - 4m_{300}^{(10)}m_{012}^{(11)}m_{012}^{(20)} - 2m_{300}^{(10)}m_{012}^{(11)}m_{003}^{(10)} \\
& +2m_{300}^{(11)}m_{210}^{(21)}m_{012}^{(22)} - 2m_{300}^{(11)}m_{210}^{(21)}m_{003}^{(21)} - m_{300}^{(11)}m_{210}^{(22)}m_{021}^{(22)} + m_{300}^{(11)}m_{210}^{(22)}m_{003}^{(11)} \\
& -2m_{300}^{(11)}m_{201}^{(21)}m_{021}^{(22)} + 2m_{300}^{(11)}m_{201}^{(21)}m_{012}^{(21)} + m_{300}^{(11)}m_{201}^{(22)}m_{030}^{(22)} - m_{300}^{(11)}m_{201}^{(22)}m_{012}^{(11)} \\
& +m_{300}^{(11)}m_{120}^{(20)}m_{012}^{(22)} - m_{300}^{(11)}m_{120}^{(20)}m_{003}^{(21)} - 2m_{300}^{(11)}m_{120}^{(21)}m_{102}^{(22)} + 2m_{300}^{(11)}m_{120}^{(21)}m_{003}^{(20)} \\
& +2m_{300}^{(11)}m_{120}^{(22)}m_{102}^{(21)} - m_{300}^{(11)}m_{120}^{(22)}m_{012}^{(20)} - m_{300}^{(11)}m_{120}^{(22)}m_{003}^{(10)} - 2m_{300}^{(11)}m_{111}^{(10)}m_{012}^{(22)} \\
& +2m_{300}^{(11)}m_{111}^{(10)}m_{003}^{(21)} + 2m_{300}^{(11)}m_{111}^{(11)}m_{102}^{(22)} - 2m_{300}^{(11)}m_{111}^{(11)}m_{003}^{(20)} - 2m_{300}^{(11)}m_{111}^{(21)}m_{012}^{(20)} \\
& +2m_{300}^{(11)}m_{111}^{(21)}m_{003}^{(10)} - 2m_{300}^{(11)}m_{111}^{(22)}m_{102}^{(11)} + 2m_{300}^{(11)}m_{111}^{(22)}m_{021}^{(20)} + 2m_{300}^{(11)}m_{102}^{(10)}m_{021}^{(22)} \\
& -2m_{300}^{(11)}m_{102}^{(10)}m_{012}^{(21)} + 2m_{300}^{(11)}m_{102}^{(11)}m_{012}^{(20)} - m_{300}^{(11)}m_{102}^{(20)}m_{030}^{(22)} + m_{300}^{(11)}m_{102}^{(20)}m_{021}^{(21)} \\
& -2m_{300}^{(11)}m_{102}^{(21)}m_{012}^{(10)} - m_{300}^{(11)}m_{102}^{(22)}m_{030}^{(20)} + m_{300}^{(11)}m_{102}^{(22)}m_{021}^{(10)} + m_{300}^{(11)}m_{030}^{(20)}m_{003}^{(20)} \\
& -m_{300}^{(11)}m_{021}^{(00)}m_{012}^{(22)} + m_{300}^{(11)}m_{021}^{(00)}m_{003}^{(21)} - m_{300}^{(11)}m_{021}^{(10)}m_{003}^{(20)} - m_{300}^{(11)}m_{021}^{(20)}m_{012}^{(20)} \\
& -m_{300}^{(11)}m_{021}^{(20)}m_{003}^{(10)} - m_{300}^{(11)}m_{021}^{(21)}m_{003}^{(00)} + m_{300}^{(11)}m_{021}^{(22)}m_{012}^{(00)} - m_{300}^{(11)}m_{012}^{(00)}m_{012}^{(11)} \\
& +2m_{300}^{(11)}m_{012}^{(10)}m_{012}^{(20)} + m_{300}^{(11)}m_{012}^{(11)}m_{003}^{(00)} + 3m_{300}^{(20)}m_{120}^{(11)}m_{012}^{(22)} - 3m_{300}^{(20)}m_{120}^{(11)}m_{003}^{(21)} \\
& -2m_{300}^{(20)}m_{120}^{(21)}m_{021}^{(22)} + m_{300}^{(20)}m_{120}^{(21)}m_{012}^{(21)} + m_{300}^{(20)}m_{120}^{(21)}m_{003}^{(11)} - 4m_{300}^{(20)}m_{111}^{(11)}m_{021}^{(22)} \\
& +2m_{300}^{(20)}m_{111}^{(11)}m_{012}^{(21)} + 2m_{300}^{(20)}m_{111}^{(11)}m_{003}^{(11)} + 2m_{300}^{(20)}m_{111}^{(21)}m_{030}^{(22)} + 2m_{300}^{(20)}m_{111}^{(21)}m_{021}^{(21)} \\
& -4m_{300}^{(20)}m_{111}^{(21)}m_{012}^{(11)} + m_{300}^{(20)}m_{102}^{(11)}m_{030}^{(22)} + m_{300}^{(20)}m_{102}^{(11)}m_{021}^{(21)} - 2m_{300}^{(20)}m_{102}^{(11)}m_{012}^{(11)} \\
& -3m_{300}^{(20)}m_{102}^{(21)}m_{030}^{(21)} + 3m_{300}^{(20)}m_{102}^{(21)}m_{021}^{(11)} - 3m_{300}^{(20)}m_{030}^{(10)}m_{012}^{(22)} + 3m_{300}^{(20)}m_{030}^{(10)}m_{003}^{(21)} \\
& +2m_{300}^{(20)}m_{030}^{(20)}m_{021}^{(22)} - m_{300}^{(20)}m_{030}^{(20)}m_{012}^{(21)} - m_{300}^{(20)}m_{030}^{(20)}m_{003}^{(11)} + 3m_{300}^{(20)}m_{030}^{(21)}m_{012}^{(20)} \\
& -2m_{300}^{(20)}m_{030}^{(22)}m_{021}^{(20)} - m_{300}^{(20)}m_{030}^{(22)}m_{012}^{(10)} + 4m_{300}^{(20)}m_{021}^{(10)}m_{021}^{(22)} - 2m_{300}^{(20)}m_{021}^{(10)}m_{012}^{(21)} \\
& -2m_{300}^{(20)}m_{021}^{(10)}m_{003}^{(11)} - 3m_{300}^{(20)}m_{021}^{(11)}m_{012}^{(20)} - 2m_{300}^{(20)}m_{021}^{(20)}m_{021}^{(21)} + 4m_{300}^{(20)}m_{021}^{(20)}m_{012}^{(11)} \\
& -m_{300}^{(20)}m_{021}^{(21)}m_{012}^{(10)} + 2m_{300}^{(20)}m_{012}^{(10)}m_{012}^{(11)} - 2m_{300}^{(21)}m_{210}^{(11)}m_{012}^{(22)} + 2m_{300}^{(21)}m_{210}^{(11)}m_{003}^{(21)} \\
& +2m_{300}^{(21)}m_{210}^{(22)}m_{021}^{(21)} - 2m_{300}^{(21)}m_{210}^{(22)}m_{012}^{(11)} + 2m_{300}^{(21)}m_{201}^{(11)}m_{022}^{(22)} - 2m_{300}^{(21)}m_{201}^{(11)}m_{012}^{(21)}
\end{aligned}
$$

$$
\begin{aligned}
&-2m_{300}^{(21)}m_{201}^{(22)}m_{030}^{(21)} + 2m_{300}^{(21)}m_{201}^{(22)}m_{021}^{(11)} + m_{300}^{(21)}m_{120}^{(10)}m_{012}^{(22)} - m_{300}^{(21)}m_{120}^{(10)}m_{003}^{(21)}\\
&-2m_{300}^{(21)}m_{120}^{(20)}m_{021}^{(22)} + m_{300}^{(21)}m_{120}^{(20)}m_{012}^{(21)} + m_{300}^{(21)}m_{120}^{(20)}m_{003}^{(11)} + 4m_{300}^{(21)}m_{120}^{(21)}m_{111}^{(22)}\\
&-2m_{300}^{(21)}m_{120}^{(21)}m_{012}^{(20)} - 2m_{300}^{(21)}m_{120}^{(21)}m_{003}^{(10)} - 4m_{300}^{(21)}m_{120}^{(22)}m_{111}^{(21)} + 4m_{300}^{(21)}m_{120}^{(22)}m_{012}^{(10)}\\
&+2m_{300}^{(21)}m_{111}^{(10)}m_{012}^{(21)} - 2m_{300}^{(21)}m_{111}^{(10)}m_{003}^{(11)} - 4m_{300}^{(21)}m_{111}^{(11)}m_{102}^{(21)} + 4m_{300}^{(21)}m_{111}^{(11)}m_{012}^{(20)}\\
&+2m_{300}^{(21)}m_{111}^{(20)}m_{030}^{(22)} - 2m_{300}^{(21)}m_{111}^{(20)}m_{021}^{(21)} + 4m_{300}^{(21)}m_{111}^{(21)}m_{102}^{(11)} - 4m_{300}^{(21)}m_{111}^{(22)}m_{021}^{(10)}\\
&-m_{300}^{(21)}m_{102}^{(10)}m_{030}^{(22)} - m_{300}^{(21)}m_{102}^{(10)}m_{021}^{(21)} + 2m_{300}^{(21)}m_{102}^{(10)}m_{012}^{(11)} - 4m_{300}^{(21)}m_{102}^{(11)}m_{021}^{(20)}\\
&+m_{300}^{(21)}m_{102}^{(20)}m_{030}^{(21)} - m_{300}^{(21)}m_{102}^{(20)}m_{021}^{(11)} + 2m_{300}^{(21)}m_{102}^{(21)}m_{030}^{(20)} + 2m_{300}^{(21)}m_{102}^{(21)}m_{021}^{(10)}\\
&+m_{300}^{(21)}m_{030}^{(00)}m_{012}^{(22)} - m_{300}^{(21)}m_{030}^{(00)}m_{003}^{(21)} - 2m_{300}^{(21)}m_{030}^{(20)}m_{012}^{(20)} + m_{300}^{(21)}m_{030}^{(21)}m_{003}^{(00)}\\
&-m_{300}^{(21)}m_{030}^{(22)}m_{012}^{(00)} - m_{300}^{(21)}m_{021}^{(00)}m_{012}^{(21)} + m_{300}^{(21)}m_{021}^{(00)}m_{003}^{(11)} + 2m_{300}^{(21)}m_{021}^{(10)}m_{003}^{(10)}\\
&-m_{300}^{(21)}m_{021}^{(11)}m_{003}^{(00)} + 2m_{300}^{(21)}(m_{021}^{(20)})^2 + m_{300}^{(21)}m_{021}^{(21)}m_{012}^{(00)} - 2m_{300}^{(21)}(m_{012}^{(10)})^2\\
&+m_{300}^{(22)}m_{210}^{(11)}m_{021}^{(22)} - m_{300}^{(22)}m_{210}^{(11)}m_{003}^{(11)} - 2m_{300}^{(22)}m_{210}^{(21)}m_{021}^{(21)} + 2m_{300}^{(22)}m_{210}^{(21)}m_{012}^{(11)}\\
&-m_{300}^{(22)}m_{201}^{(11)}m_{030}^{(22)} + m_{300}^{(22)}m_{201}^{(11)}m_{012}^{(11)} + 2m_{300}^{(22)}m_{201}^{(21)}m_{030}^{(21)} - 2m_{300}^{(22)}m_{201}^{(21)}m_{021}^{(11)}\\
&-m_{300}^{(22)}m_{120}^{(10)}m_{012}^{(21)} + m_{300}^{(22)}m_{120}^{(10)}m_{003}^{(11)} - 2m_{300}^{(22)}m_{120}^{(11)}m_{111}^{(22)} + 2m_{300}^{(22)}m_{120}^{(11)}m_{102}^{(21)}\\
&-m_{300}^{(22)}m_{120}^{(11)}m_{012}^{(20)} + m_{300}^{(22)}m_{120}^{(11)}m_{003}^{(10)} + 2m_{300}^{(22)}m_{120}^{(20)}m_{021}^{(21)} - 2m_{300}^{(22)}m_{120}^{(20)}m_{012}^{(11)}\\
&-2m_{300}^{(22)}m_{120}^{(21)}m_{102}^{(11)} + 2m_{300}^{(22)}m_{120}^{(21)}m_{021}^{(20)} + 2m_{300}^{(22)}m_{120}^{(22)}m_{111}^{(11)} - 2m_{300}^{(22)}m_{120}^{(22)}m_{021}^{(10)}\\
&-2m_{300}^{(22)}m_{111}^{(11)}m_{012}^{(10)} - 2m_{300}^{(22)}m_{111}^{(20)}m_{030}^{(21)} + 2m_{300}^{(22)}m_{111}^{(20)}m_{021}^{(11)} - 2m_{300}^{(22)}m_{111}^{(21)}m_{030}^{(20)}\\
&+2m_{300}^{(22)}m_{111}^{(21)}m_{021}^{(10)} + 2m_{300}^{(22)}m_{111}^{(22)}m_{030}^{(10)} + m_{300}^{(22)}m_{102}^{(10)}m_{030}^{(21)} - m_{300}^{(22)}m_{102}^{(10)}m_{021}^{(11)}\\
&+m_{300}^{(22)}m_{102}^{(11)}m_{030}^{(20)} + m_{300}^{(22)}m_{102}^{(11)}m_{021}^{(10)} - 2m_{300}^{(22)}m_{102}^{(21)}m_{030}^{(10)} - m_{300}^{(22)}m_{030}^{(00)}m_{021}^{(22)}\\
&+m_{300}^{(22)}m_{030}^{(00)}m_{012}^{(21)} + m_{300}^{(22)}m_{030}^{(10)}m_{012}^{(20)} - m_{300}^{(22)}m_{030}^{(10)}m_{003}^{(10)} + m_{300}^{(22)}m_{030}^{(20)}m_{012}^{(10)}\\
&-m_{300}^{(22)}m_{030}^{(21)}m_{012}^{(00)} + m_{300}^{(22)}m_{030}^{(22)}m_{021}^{(00)} - m_{300}^{(22)}m_{021}^{(00)}m_{012}^{(11)} - 2m_{300}^{(22)}m_{021}^{(10)}m_{021}^{(20)}\\
&+m_{300}^{(22)}m_{021}^{(10)}m_{012}^{(10)} + m_{300}^{(22)}m_{021}^{(11)}m_{012}^{(00)} + 3m_{210}^{(00)}m_{120}^{(21)}m_{012}^{(22)} - 3m_{210}^{(00)}m_{120}^{(21)}m_{003}^{(21)}\\
&-2m_{210}^{(00)}m_{120}^{(22)}m_{021}^{(22)} + m_{210}^{(00)}m_{120}^{(22)}m_{012}^{(21)} + m_{210}^{(00)}m_{120}^{(22)}m_{003}^{(11)} - 4m_{210}^{(00)}m_{111}^{(21)}m_{021}^{(22)}\\
&+2m_{210}^{(00)}m_{111}^{(21)}m_{012}^{(21)} + 2m_{210}^{(00)}m_{111}^{(21)}m_{003}^{(11)} + 2m_{210}^{(00)}m_{111}^{(22)}m_{030}^{(22)} + 2m_{210}^{(00)}m_{111}^{(22)}m_{021}^{(21)}\\
&-4m_{210}^{(00)}m_{111}^{(22)}m_{012}^{(11)} + m_{210}^{(00)}m_{102}^{(21)}m_{030}^{(22)} + m_{210}^{(00)}m_{102}^{(21)}m_{021}^{(21)} - 2m_{210}^{(00)}m_{102}^{(21)}m_{012}^{(11)}\\
&-3m_{210}^{(00)}m_{102}^{(22)}m_{030}^{(21)} + 3m_{210}^{(00)}m_{102}^{(22)}m_{021}^{(11)} + 3m_{210}^{(00)}m_{030}^{(21)}m_{003}^{(20)} - 2m_{210}^{(00)}m_{030}^{(22)}m_{012}^{(20)}\\
&-m_{210}^{(00)}m_{030}^{(22)}m_{003}^{(10)} - 3m_{210}^{(00)}m_{021}^{(10)}m_{012}^{(22)} + 3m_{210}^{(00)}m_{021}^{(10)}m_{003}^{(21)} - 3m_{210}^{(00)}m_{021}^{(11)}m_{003}^{(20)}\\
&+2m_{210}^{(00)}m_{021}^{(20)}m_{021}^{(22)} - m_{210}^{(00)}m_{021}^{(20)}m_{012}^{(21)} - m_{210}^{(00)}m_{021}^{(20)}m_{003}^{(11)} - 2m_{210}^{(00)}m_{021}^{(21)}m_{012}^{(20)}\\
&-m_{210}^{(00)}m_{021}^{(21)}m_{003}^{(10)} + 4m_{210}^{(00)}m_{021}^{(22)}m_{012}^{(10)} - 2m_{210}^{(00)}m_{012}^{(10)}m_{012}^{(21)} - 2m_{210}^{(00)}m_{012}^{(10)}m_{003}^{(11)}\\
&+4m_{210}^{(00)}m_{012}^{(11)}m_{012}^{(20)} + 2m_{210}^{(00)}m_{012}^{(11)}m_{003}^{(10)} + 2m_{210}^{(10)}m_{210}^{(21)}m_{012}^{(22)} - 2m_{210}^{(10)}m_{210}^{(21)}m_{003}^{(21)}\\
&-2m_{210}^{(10)}m_{210}^{(22)}m_{021}^{(22)} + 2m_{210}^{(10)}m_{210}^{(22)}m_{012}^{(21)} - 2m_{210}^{(10)}m_{201}^{(21)}m_{012}^{(21)} + 2m_{210}^{(10)}m_{201}^{(21)}m_{003}^{(11)}\\
&+2m_{210}^{(10)}m_{201}^{(22)}m_{021}^{(21)} - 2m_{210}^{(10)}m_{201}^{(22)}m_{012}^{(11)} + m_{210}^{(10)}m_{120}^{(20)}m_{012}^{(22)} - m_{210}^{(10)}m_{120}^{(20)}m_{003}^{(21)}\\
&-2m_{210}^{(10)}m_{120}^{(21)}m_{102}^{(22)} + 2m_{210}^{(10)}m_{120}^{(21)}m_{003}^{(20)} + 2m_{210}^{(10)}m_{120}^{(22)}m_{111}^{(22)} - 3m_{210}^{(10)}m_{120}^{(22)}m_{012}^{(20)}\\
&+m_{210}^{(10)}m_{120}^{(22)}m_{003}^{(10)} - 2m_{210}^{(10)}m_{111}^{(10)}m_{012}^{(22)} + 2m_{210}^{(10)}m_{111}^{(10)}m_{003}^{(21)} + 2m_{210}^{(10)}m_{111}^{(11)}m_{102}^{(22)}\\
&-2m_{210}^{(10)}m_{111}^{(11)}m_{003}^{(20)} - 4m_{210}^{(10)}m_{111}^{(21)}m_{111}^{(22)} + 4m_{210}^{(10)}m_{111}^{(21)}m_{102}^{(21)} + 2m_{210}^{(10)}m_{111}^{(21)}m_{012}^{(20)}\\
&-2m_{210}^{(10)}m_{111}^{(21)}m_{003}^{(10)} + 2m_{210}^{(10)}m_{111}^{(22)}m_{021}^{(20)} + 2m_{210}^{(10)}m_{102}^{(10)}m_{012}^{(21)} - 2m_{210}^{(10)}m_{102}^{(10)}m_{003}^{(11)}\\
&-2m_{210}^{(10)}m_{102}^{(11)}m_{102}^{(21)} + 2m_{210}^{(10)}m_{102}^{(11)}m_{003}^{(10)} + m_{210}^{(10)}m_{102}^{(20)}m_{030}^{(22)} - 3m_{210}^{(10)}m_{102}^{(20)}m_{021}^{(21)}\\
&+2m_{210}^{(10)}m_{102}^{(20)}m_{012}^{(11)} - 2m_{210}^{(10)}m_{102}^{(21)}m_{012}^{(10)} - m_{210}^{(10)}m_{102}^{(22)}m_{030}^{(20)} + m_{210}^{(10)}m_{102}^{(22)}m_{021}^{(10)}\\
&+m_{210}^{(10)}m_{030}^{(20)}m_{003}^{(20)} - m_{210}^{(10)}m_{030}^{(22)}m_{003}^{(00)} - m_{210}^{(10)}m_{021}^{(00)}m_{012}^{(22)} + m_{210}^{(10)}m_{021}^{(00)}m_{003}^{(21)}
\end{aligned}
$$

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\begin{aligned}
&-m_{210}^{(10)}m_{021}^{(10)}m_{003}^{(20)} - m_{210}^{(10)}m_{021}^{(20)}m_{012}^{(20)} - m_{210}^{(10)}m_{021}^{(20)}m_{003}^{(10)} + m_{210}^{(10)}m_{021}^{(21)}m_{003}^{(00)}\\
&+2m_{210}^{(10)}m_{021}^{(22)}m_{012}^{(00)} - 2m_{210}^{(10)}m_{012}^{(00)}m_{012}^{(21)} + 2m_{210}^{(10)}m_{012}^{(10)}m_{012}^{(20)} - 4m_{210}^{(11)}m_{210}^{(20)}m_{012}^{(22)}\\
&+4m_{210}^{(11)}m_{210}^{(20)}m_{003}^{(21)} + 2m_{210}^{(11)}m_{210}^{(21)}m_{102}^{(22)} - 2m_{210}^{(11)}m_{210}^{(21)}m_{003}^{(20)} + 2m_{210}^{(11)}m_{210}^{(22)}m_{111}^{(22)}\\
&-4m_{210}^{(11)}m_{210}^{(22)}m_{102}^{(21)} + 2m_{210}^{(11)}m_{210}^{(22)}m_{012}^{(20)} + 2m_{210}^{(11)}m_{201}^{(10)}m_{012}^{(22)} - 2m_{210}^{(11)}m_{201}^{(10)}m_{003}^{(21)}\\
&-2m_{210}^{(11)}m_{201}^{(11)}m_{102}^{(22)} + 2m_{210}^{(11)}m_{201}^{(11)}m_{003}^{(20)} + 2m_{210}^{(11)}m_{201}^{(20)}m_{021}^{(22)} - 2m_{210}^{(11)}m_{201}^{(20)}m_{012}^{(21)}\\
&+4m_{210}^{(11)}m_{201}^{(21)}m_{111}^{(22)} - 2m_{210}^{(11)}m_{201}^{(21)}m_{102}^{(21)} - 2m_{210}^{(11)}m_{201}^{(21)}m_{003}^{(10)} - 3m_{210}^{(11)}m_{201}^{(22)}m_{120}^{(22)}\\
&+3m_{210}^{(11)}m_{201}^{(22)}m_{102}^{(11)} - 2m_{210}^{(11)}m_{201}^{(22)}m_{021}^{(20)} + 2m_{210}^{(11)}m_{201}^{(22)}m_{012}^{(10)} + 4m_{210}^{(11)}m_{120}^{(20)}m_{102}^{(22)}\\
&-4m_{210}^{(11)}m_{120}^{(20)}m_{003}^{(20)} + 2m_{210}^{(11)}m_{120}^{(22)}m_{102}^{(20)} + m_{210}^{(11)}m_{120}^{(22)}m_{003}^{(00)} + 4m_{210}^{(11)}m_{111}^{(00)}m_{012}^{(22)}\\
&-4m_{210}^{(11)}m_{111}^{(00)}m_{003}^{(21)} - 4m_{210}^{(11)}m_{111}^{(10)}m_{102}^{(22)} + 4m_{210}^{(11)}m_{111}^{(10)}m_{003}^{(20)} - 4m_{210}^{(11)}m_{111}^{(20)}m_{111}^{(22)}\\
&+4m_{210}^{(11)}m_{111}^{(20)}m_{012}^{(20)} - 2m_{210}^{(11)}m_{111}^{(22)}m_{012}^{(00)} - 3m_{210}^{(11)}m_{102}^{(00)}m_{021}^{(22)} + 2m_{210}^{(11)}m_{102}^{(00)}m_{012}^{(21)}\\
&+m_{210}^{(11)}m_{102}^{(00)}m_{003}^{(11)} + 4m_{210}^{(11)}m_{102}^{(10)}m_{102}^{(21)} - 4m_{210}^{(11)}m_{102}^{(10)}m_{012}^{(20)} - 2m_{210}^{(11)}m_{102}^{(11)}m_{102}^{(20)}\\
&-m_{210}^{(11)}m_{102}^{(11)}m_{003}^{(00)} + 2m_{210}^{(11)}m_{102}^{(21)}m_{012}^{(00)} + 2m_{210}^{(11)}m_{021}^{(20)}m_{003}^{(00)} - 2m_{210}^{(11)}m_{012}^{(00)}m_{012}^{(20)}\\
&+2m_{210}^{(11)}m_{012}^{(00)}m_{003}^{(10)} - 2m_{210}^{(11)}m_{012}^{(10)}m_{003}^{(00)} + 4m_{210}^{(20)}m_{210}^{(21)}m_{021}^{(22)} - 2m_{210}^{(20)}m_{210}^{(21)}m_{012}^{(21)}\\
&-2m_{210}^{(20)}m_{210}^{(21)}m_{003}^{(11)} - 2m_{210}^{(20)}m_{210}^{(22)}m_{021}^{(21)} + 2m_{210}^{(20)}m_{210}^{(22)}m_{012}^{(11)} + 2m_{210}^{(20)}m_{201}^{(11)}m_{021}^{(22)}\\
&-2m_{210}^{(20)}m_{201}^{(11)}m_{003}^{(11)} - 2m_{210}^{(20)}m_{201}^{(21)}m_{030}^{(22)} - 2m_{210}^{(20)}m_{201}^{(21)}m_{021}^{(21)} + 4m_{210}^{(20)}m_{201}^{(21)}m_{012}^{(11)}\\
&+2m_{210}^{(20)}m_{201}^{(22)}m_{030}^{(21)} - 2m_{210}^{(20)}m_{201}^{(22)}m_{021}^{(11)} + 2m_{210}^{(20)}m_{120}^{(10)}m_{012}^{(22)} - 2m_{210}^{(20)}m_{120}^{(10)}m_{003}^{(21)}\\
&-3m_{210}^{(20)}m_{120}^{(11)}m_{102}^{(22)} + 3m_{210}^{(20)}m_{120}^{(11)}m_{003}^{(20)} - 2m_{210}^{(20)}m_{120}^{(20)}m_{021}^{(22)} + m_{210}^{(20)}m_{120}^{(20)}m_{012}^{(21)}\\
&+m_{210}^{(20)}m_{120}^{(20)}m_{003}^{(11)} + 8m_{210}^{(20)}m_{120}^{(21)}m_{102}^{(21)} - 8m_{210}^{(20)}m_{120}^{(21)}m_{012}^{(20)} - 2m_{210}^{(20)}m_{120}^{(22)}m_{111}^{(21)}\\
&-3m_{210}^{(20)}m_{120}^{(22)}m_{102}^{(11)} + 6m_{210}^{(20)}m_{120}^{(22)}m_{021}^{(20)} - m_{210}^{(20)}m_{120}^{(22)}m_{012}^{(10)} - 2m_{210}^{(20)}m_{111}^{(10)}m_{012}^{(21)}\\
&+2m_{210}^{(20)}m_{111}^{(10)}m_{003}^{(11)} + 8m_{210}^{(20)}m_{111}^{(11)}m_{111}^{(22)} - 4m_{210}^{(20)}m_{111}^{(11)}m_{102}^{(21)} - 4m_{210}^{(20)}m_{111}^{(11)}m_{003}^{(10)}\\
&+4m_{210}^{(20)}m_{111}^{(20)}m_{021}^{(21)} - 4m_{210}^{(20)}m_{111}^{(20)}m_{012}^{(11)} - 4m_{210}^{(20)}(m_{111}^{(21)})^2 - 2m_{210}^{(20)}m_{111}^{(21)}m_{102}^{(11)}\\
&+2m_{210}^{(20)}m_{111}^{(21)}m_{021}^{(20)} + 10m_{210}^{(20)}m_{111}^{(21)}m_{012}^{(10)} - 4m_{210}^{(20)}m_{111}^{(22)}m_{030}^{(20)} - 4m_{210}^{(20)}m_{111}^{(22)}m_{021}^{(10)}\\
&+2m_{210}^{(20)}(m_{102}^{(11)})^2 - m_{210}^{(20)}m_{102}^{(11)}m_{021}^{(20)} + 2m_{210}^{(20)}m_{102}^{(11)}m_{012}^{(10)} - m_{210}^{(20)}m_{102}^{(20)}m_{030}^{(21)}\\
&+m_{210}^{(20)}m_{102}^{(20)}m_{021}^{(11)} + 2m_{210}^{(20)}m_{102}^{(21)}m_{030}^{(20)} - 6m_{210}^{(20)}m_{102}^{(21)}m_{021}^{(10)} + 3m_{210}^{(20)}m_{102}^{(22)}m_{030}^{(10)}\\
&+2m_{210}^{(20)}m_{030}^{(00)}m_{012}^{(22)} - 2m_{210}^{(20)}m_{030}^{(00)}m_{003}^{(21)} - 3m_{210}^{(20)}m_{030}^{(10)}m_{003}^{(20)} + 2m_{210}^{(20)}m_{030}^{(20)}m_{003}^{(10)}\\
&-m_{210}^{(20)}m_{030}^{(21)}m_{003}^{(00)} + 2m_{210}^{(20)}m_{030}^{(22)}m_{012}^{(00)} - 4m_{210}^{(20)}m_{021}^{(00)}m_{021}^{(22)} + 3m_{210}^{(20)}m_{021}^{(00)}m_{012}^{(21)}\\
&+m_{210}^{(20)}m_{021}^{(00)}m_{003}^{(11)} + 8m_{210}^{(20)}m_{021}^{(10)}m_{012}^{(20)} + 2m_{210}^{(20)}m_{021}^{(10)}m_{003}^{(10)} + m_{210}^{(20)}m_{021}^{(11)}m_{003}^{(00)}\\
&-7m_{210}^{(20)}m_{021}^{(20)}m_{012}^{(10)} - 2m_{210}^{(20)}m_{012}^{(00)}m_{012}^{(11)} - 2m_{210}^{(20)}(m_{012}^{(10)})^2 - 4(m_{210}^{(21)})^2m_{111}^{(22)}\\
&+2(m_{210}^{(21)})^2m_{012}^{(20)} + 2(m_{210}^{(21)})^2m_{003}^{(10)} + 4m_{210}^{(21)}m_{210}^{(22)}m_{111}^{(21)} + 2m_{210}^{(21)}m_{210}^{(22)}m_{102}^{(11)}\\
&-2m_{210}^{(21)}m_{210}^{(22)}m_{021}^{(20)} - 4m_{210}^{(21)}m_{210}^{(22)}m_{012}^{(10)} - 4m_{210}^{(21)}m_{201}^{(10)}m_{021}^{(22)} + 2m_{210}^{(21)}m_{201}^{(10)}m_{012}^{(21)}\\
&+2m_{210}^{(21)}m_{201}^{(10)}m_{003}^{(11)} - 4m_{210}^{(21)}m_{201}^{(11)}m_{111}^{(22)} + 6m_{210}^{(21)}m_{201}^{(11)}m_{102}^{(21)} - 2m_{210}^{(21)}m_{201}^{(11)}m_{012}^{(20)}\\
&-2m_{210}^{(21)}m_{201}^{(20)}m_{030}^{(22)} + 2m_{210}^{(21)}m_{201}^{(20)}m_{021}^{(21)} + 4m_{210}^{(21)}m_{201}^{(21)}m_{120}^{(22)} - 4m_{210}^{(21)}m_{201}^{(21)}m_{102}^{(11)}\\
&+2m_{210}^{(21)}m_{201}^{(22)}m_{120}^{(21)} - 4m_{210}^{(21)}m_{201}^{(22)}m_{111}^{(11)} + 2m_{210}^{(21)}m_{201}^{(22)}m_{030}^{(20)} - 4m_{210}^{(21)}m_{120}^{(00)}m_{012}^{(22)}\\
&+4m_{210}^{(21)}m_{120}^{(00)}m_{003}^{(21)} - m_{210}^{(21)}m_{120}^{(10)}m_{102}^{(22)} + m_{210}^{(21)}m_{120}^{(10)}m_{003}^{(20)} - 7m_{210}^{(21)}m_{120}^{(20)}m_{102}^{(21)}\\
&+7m_{210}^{(21)}m_{120}^{(20)}m_{012}^{(20)} - m_{210}^{(21)}m_{120}^{(21)}m_{102}^{(20)} - m_{210}^{(21)}m_{120}^{(21)}m_{003}^{(00)} - 2m_{210}^{(21)}m_{120}^{(22)}m_{111}^{(20)}\\
&-m_{210}^{(21)}m_{120}^{(22)}m_{102}^{(10)} - m_{210}^{(21)}m_{120}^{(22)}m_{012}^{(00)} + 8m_{210}^{(21)}m_{111}^{(10)}m_{111}^{(22)} + 2m_{210}^{(21)}m_{111}^{(10)}m_{102}^{(21)}\\
&-10m_{210}^{(21)}m_{111}^{(10)}m_{012}^{(20)} + 2m_{210}^{(21)}m_{111}^{(11)}m_{102}^{(20)} + 2m_{210}^{(21)}m_{111}^{(11)}m_{003}^{(00)} + 4m_{210}^{(21)}m_{111}^{(20)}m_{111}^{(21)}\\
&+4m_{210}^{(21)}m_{111}^{(20)}m_{102}^{(11)} - 6m_{210}^{(21)}m_{111}^{(20)}m_{021}^{(20)} - 6m_{210}^{(21)}m_{111}^{(21)}m_{102}^{(10)} - 2m_{210}^{(21)}m_{111}^{(21)}m_{012}^{(00)}
\end{aligned}
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\begin{aligned}
&+4m_{210}^{(21)}m_{111}^{(22)}m_{021}^{(00)}+2m_{210}^{(21)}m_{102}^{(00)}m_{030}^{(22)}-2m_{210}^{(21)}m_{102}^{(00)}m_{012}^{(11)}-2m_{210}^{(21)}m_{102}^{(10)}m_{102}^{(11)}\\
&+9m_{210}^{(21)}m_{102}^{(10)}m_{021}^{(20)}-m_{210}^{(21)}m_{102}^{(20)}m_{030}^{(20)}-m_{210}^{(21)}m_{102}^{(21)}m_{021}^{(00)}-m_{210}^{(21)}m_{102}^{(22)}m_{030}^{(00)}\\
&+m_{210}^{(21)}m_{030}^{(00)}m_{003}^{(20)}-m_{210}^{(21)}m_{030}^{(20)}m_{003}^{(00)}+m_{210}^{(21)}m_{021}^{(00)}m_{012}^{(20)}-4m_{210}^{(21)}m_{021}^{(00)}m_{003}^{(10)}\\
&-m_{210}^{(21)}m_{021}^{(20)}m_{012}^{(00)}+4m_{210}^{(21)}m_{012}^{(00)}m_{012}^{(10)}-2(m_{210}^{(22)})^2m_{111}^{(11)}+2(m_{210}^{(22)})^2m_{021}^{(10)}\\
&+2m_{210}^{(22)}m_{201}^{(10)}m_{030}^{(22)}-2m_{210}^{(22)}m_{201}^{(10)}m_{012}^{(11)}+m_{210}^{(22)}m_{201}^{(11)}m_{120}^{(22)}-m_{210}^{(22)}m_{201}^{(11)}m_{102}^{(11)}\\
&-6m_{210}^{(22)}m_{201}^{(21)}m_{120}^{(21)}+4m_{210}^{(22)}m_{201}^{(21)}m_{111}^{(11)}+2m_{210}^{(22)}m_{201}^{(21)}m_{021}^{(10)}+2m_{210}^{(22)}m_{201}^{(22)}m_{120}^{(11)}\\
&-2m_{210}^{(22)}m_{201}^{(22)}m_{030}^{(10)}+3m_{210}^{(22)}m_{120}^{(00)}m_{021}^{(22)}-2m_{210}^{(22)}m_{120}^{(00)}m_{012}^{(21)}-m_{210}^{(22)}m_{120}^{(00)}m_{003}^{(11)}\\
&-2m_{210}^{(22)}m_{120}^{(10)}m_{111}^{(22)}+3m_{210}^{(22)}m_{120}^{(10)}m_{102}^{(21)}-m_{210}^{(22)}m_{120}^{(10)}m_{003}^{(10)}-m_{210}^{(22)}m_{120}^{(11)}m_{102}^{(20)}\\
&-m_{210}^{(22)}m_{120}^{(11)}m_{003}^{(00)}+2m_{210}^{(22)}m_{120}^{(20)}m_{111}^{(21)}+m_{210}^{(22)}m_{120}^{(20)}m_{102}^{(11)}-4m_{210}^{(22)}m_{120}^{(20)}m_{021}^{(20)}\\
&+m_{210}^{(22)}m_{120}^{(20)}m_{012}^{(10)}+2m_{210}^{(22)}m_{120}^{(21)}m_{111}^{(20)}+m_{210}^{(22)}m_{120}^{(21)}m_{102}^{(10)}+3m_{210}^{(22)}m_{120}^{(21)}m_{012}^{(00)}\\
&-m_{210}^{(22)}m_{120}^{(22)}m_{021}^{(00)}-2m_{210}^{(22)}m_{111}^{(00)}m_{030}^{(22)}+2m_{210}^{(22)}m_{111}^{(00)}m_{012}^{(11)}-4m_{210}^{(22)}m_{111}^{(10)}m_{111}^{(21)}\\
&-2m_{210}^{(22)}m_{111}^{(10)}m_{102}^{(11)}+4m_{210}^{(22)}m_{111}^{(10)}m_{021}^{(20)}+2m_{210}^{(22)}m_{111}^{(10)}m_{012}^{(10)}-4m_{210}^{(22)}m_{111}^{(11)}m_{111}^{(20)}\\
&+4m_{210}^{(22)}m_{111}^{(11)}m_{102}^{(10)}+4m_{210}^{(22)}m_{111}^{(20)}m_{030}^{(20)}-2m_{210}^{(22)}m_{111}^{(20)}m_{021}^{(10)}-2m_{210}^{(22)}m_{111}^{(21)}m_{021}^{(00)}\\
&-4m_{210}^{(22)}m_{102}^{(10)}m_{030}^{(20)}-m_{210}^{(22)}m_{102}^{(10)}m_{021}^{(10)}+m_{210}^{(22)}m_{102}^{(20)}m_{030}^{(10)}+m_{210}^{(22)}m_{102}^{(21)}m_{030}^{(00)}\\
&-2m_{210}^{(22)}m_{030}^{(00)}m_{012}^{(20)}+m_{210}^{(22)}m_{030}^{(00)}m_{003}^{(10)}+m_{210}^{(22)}m_{030}^{(10)}m_{003}^{(00)}+2m_{210}^{(22)}m_{021}^{(00)}m_{021}^{(20)}\\
&+m_{210}^{(22)}m_{021}^{(00)}m_{012}^{(10)}-3m_{210}^{(22)}m_{021}^{(10)}m_{012}^{(00)}-3m_{201}^{(00)}m_{120}^{(11)}m_{012}^{(22)}+3m_{201}^{(00)}m_{120}^{(11)}m_{003}^{(21)}\\
&+2m_{201}^{(00)}m_{120}^{(21)}m_{021}^{(22)}-m_{201}^{(00)}m_{120}^{(21)}m_{012}^{(21)}-m_{201}^{(00)}m_{120}^{(21)}m_{003}^{(11)}+4m_{201}^{(00)}m_{111}^{(11)}m_{021}^{(22)}\\
&-2m_{201}^{(00)}m_{111}^{(11)}m_{012}^{(21)}-2m_{201}^{(00)}m_{111}^{(11)}m_{003}^{(11)}-2m_{201}^{(00)}m_{111}^{(21)}m_{030}^{(22)}-2m_{201}^{(00)}m_{111}^{(21)}m_{021}^{(21)}\\
&+4m_{201}^{(00)}m_{111}^{(21)}m_{012}^{(11)}-m_{201}^{(00)}m_{102}^{(11)}m_{030}^{(22)}-m_{201}^{(00)}m_{102}^{(11)}m_{021}^{(21)}+2m_{201}^{(00)}m_{102}^{(11)}m_{012}^{(11)}\\
&+3m_{201}^{(00)}m_{102}^{(21)}m_{030}^{(21)}-3m_{201}^{(00)}m_{102}^{(21)}m_{021}^{(11)}+3m_{201}^{(00)}m_{030}^{(10)}m_{012}^{(22)}-3m_{201}^{(00)}m_{030}^{(10)}m_{003}^{(21)}\\
&-2m_{201}^{(00)}m_{030}^{(20)}m_{021}^{(22)}+m_{201}^{(00)}m_{030}^{(20)}m_{012}^{(21)}+m_{201}^{(00)}m_{030}^{(20)}m_{003}^{(11)}-3m_{201}^{(00)}m_{030}^{(21)}m_{012}^{(20)}\\
&+2m_{201}^{(00)}m_{030}^{(22)}m_{021}^{(20)}+m_{201}^{(00)}m_{030}^{(22)}m_{012}^{(10)}-4m_{201}^{(00)}m_{021}^{(10)}m_{021}^{(22)}+2m_{201}^{(00)}m_{021}^{(10)}m_{012}^{(21)}\\
&+2m_{201}^{(00)}m_{021}^{(10)}m_{003}^{(11)}+3m_{201}^{(00)}m_{021}^{(11)}m_{012}^{(20)}+2m_{201}^{(00)}m_{021}^{(20)}m_{021}^{(21)}-4m_{201}^{(00)}m_{021}^{(20)}m_{012}^{(11)}\\
&+m_{201}^{(00)}m_{021}^{(21)}m_{012}^{(10)}-2m_{201}^{(00)}m_{012}^{(10)}m_{012}^{(11)}-2m_{201}^{(10)}m_{201}^{(11)}m_{021}^{(22)}+2m_{201}^{(10)}m_{201}^{(11)}m_{012}^{(21)}\\
&+2m_{201}^{(10)}m_{201}^{(21)}m_{030}^{(22)}+2m_{201}^{(10)}m_{201}^{(21)}m_{021}^{(21)}-4m_{201}^{(10)}m_{201}^{(21)}m_{012}^{(11)}-4m_{201}^{(10)}m_{201}^{(22)}m_{030}^{(21)}\\
&+4m_{201}^{(10)}m_{201}^{(22)}m_{021}^{(11)}-m_{201}^{(10)}m_{120}^{(10)}m_{012}^{(22)}+m_{201}^{(10)}m_{120}^{(10)}m_{003}^{(21)}+3m_{201}^{(10)}m_{120}^{(11)}m_{102}^{(22)}\\
&-3m_{201}^{(10)}m_{120}^{(11)}m_{003}^{(20)}+4m_{201}^{(10)}m_{120}^{(21)}m_{111}^{(22)}-8m_{201}^{(10)}m_{120}^{(21)}m_{102}^{(21)}+6m_{201}^{(10)}m_{120}^{(21)}m_{012}^{(20)}\\
&-2m_{201}^{(10)}m_{120}^{(21)}m_{003}^{(10)}-2m_{201}^{(10)}(m_{120}^{(22)})^2+2m_{201}^{(10)}m_{120}^{(22)}m_{111}^{(21)}+3m_{201}^{(10)}m_{120}^{(22)}m_{102}^{(11)}\\
&-2m_{201}^{(10)}m_{120}^{(22)}m_{021}^{(20)}+m_{201}^{(10)}m_{120}^{(22)}m_{012}^{(10)}+4m_{201}^{(10)}m_{111}^{(10)}m_{021}^{(22)}-4m_{201}^{(10)}m_{111}^{(10)}m_{012}^{(21)}\\
&-8m_{201}^{(10)}m_{111}^{(11)}m_{111}^{(22)}+4m_{201}^{(10)}m_{111}^{(11)}m_{012}^{(20)}+4m_{201}^{(10)}m_{111}^{(11)}m_{003}^{(10)}-2m_{201}^{(10)}m_{111}^{(20)}m_{030}^{(22)}\\
&+2m_{201}^{(10)}m_{111}^{(20)}m_{021}^{(21)}+4m_{201}^{(10)}(m_{111}^{(21)})^2+2m_{201}^{(10)}m_{111}^{(21)}m_{102}^{(11)}-10m_{201}^{(10)}m_{111}^{(21)}m_{021}^{(20)}\\
&-2m_{201}^{(10)}m_{111}^{(21)}m_{012}^{(10)}+4m_{201}^{(10)}m_{111}^{(22)}m_{030}^{(20)}-m_{201}^{(10)}m_{102}^{(10)}m_{030}^{(22)}-m_{201}^{(10)}m_{102}^{(10)}m_{021}^{(21)}\\
&+2m_{201}^{(10)}m_{102}^{(10)}m_{012}^{(11)}+m_{201}^{(10)}m_{102}^{(11)}m_{021}^{(20)}-6m_{201}^{(10)}m_{102}^{(11)}m_{012}^{(10)}+2m_{201}^{(10)}m_{102}^{(20)}m_{030}^{(21)}\\
&-2m_{201}^{(10)}m_{102}^{(20)}m_{021}^{(11)}+8m_{201}^{(10)}m_{102}^{(21)}m_{021}^{(10)}-3m_{201}^{(10)}m_{102}^{(22)}m_{030}^{(10)}-m_{201}^{(10)}m_{030}^{(00)}m_{012}^{(22)}\\
&+m_{201}^{(10)}m_{030}^{(00)}m_{003}^{(21)}+3m_{201}^{(10)}m_{030}^{(10)}m_{003}^{(20)}-2m_{201}^{(10)}m_{030}^{(20)}m_{012}^{(20)}-2m_{201}^{(10)}m_{030}^{(20)}m_{003}^{(10)}\\
&+2m_{201}^{(10)}m_{030}^{(21)}m_{003}^{(00)}-m_{201}^{(10)}m_{030}^{(22)}m_{012}^{(00)}+2m_{201}^{(10)}m_{021}^{(00)}m_{021}^{(21)}-2m_{201}^{(10)}m_{021}^{(00)}m_{003}^{(11)}\\
&-8m_{201}^{(10)}m_{021}^{(10)}m_{012}^{(20)}-2m_{201}^{(10)}m_{021}^{(11)}m_{003}^{(00)}+2m_{201}^{(10)}(m_{021}^{(20)})^2+7m_{201}^{(10)}m_{021}^{(20)}m_{012}^{(10)}\\
&-3m_{201}^{(10)}m_{021}^{(21)}m_{012}^{(00)}+4m_{201}^{(10)}m_{012}^{(00)}m_{012}^{(11)}+2(m_{201}^{(11)})^2m_{111}^{(22)}-2(m_{201}^{(11)})^2m_{012}^{(20)}
\end{aligned}
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\begin{aligned}
&-2m_{201}^{(11)}m_{201}^{(20)}m_{021}^{(21)}+2m_{201}^{(11)}m_{201}^{(20)}m_{012}^{(11)}-2m_{201}^{(11)}m_{201}^{(21)}m_{120}^{(22)}-4m_{201}^{(11)}m_{201}^{(21)}m_{111}^{(21)}\\
&+4m_{201}^{(11)}m_{201}^{(21)}m_{021}^{(20)}+2m_{201}^{(11)}m_{201}^{(21)}m_{012}^{(10)}+4m_{201}^{(11)}m_{201}^{(22)}m_{120}^{(21)}-2m_{201}^{(11)}m_{201}^{(22)}m_{111}^{(11)}\\
&-2m_{201}^{(11)}m_{201}^{(22)}m_{021}^{(10)}+m_{201}^{(11)}m_{120}^{(10)}m_{102}^{(22)}-m_{201}^{(11)}m_{120}^{(10)}m_{003}^{(20)}-4m_{201}^{(11)}m_{120}^{(20)}m_{111}^{(22)}\\
&-m_{201}^{(11)}m_{120}^{(20)}m_{102}^{(21)}+m_{201}^{(11)}m_{120}^{(20)}m_{012}^{(20)}+4m_{201}^{(11)}m_{120}^{(20)}m_{003}^{(10)}-3m_{201}^{(11)}m_{120}^{(21)}m_{102}^{(20)}\\
&-m_{201}^{(11)}m_{120}^{(21)}m_{003}^{(00)}+2m_{201}^{(11)}m_{120}^{(22)}m_{111}^{(20)}-m_{201}^{(11)}m_{120}^{(22)}m_{102}^{(10)}-2m_{201}^{(11)}m_{111}^{(00)}m_{021}^{(22)}\\
&+2m_{201}^{(11)}m_{111}^{(00)}m_{003}^{(11)}+4m_{201}^{(11)}m_{111}^{(10)}m_{111}^{(22)}-2m_{201}^{(11)}m_{111}^{(10)}m_{102}^{(21)}+2m_{201}^{(11)}m_{111}^{(10)}m_{012}^{(20)}\\
&-4m_{201}^{(11)}m_{111}^{(10)}m_{003}^{(10)}+2m_{201}^{(11)}m_{111}^{(11)}m_{102}^{(20)}+4m_{201}^{(11)}m_{111}^{(20)}m_{111}^{(21)}-2m_{201}^{(11)}m_{111}^{(20)}m_{021}^{(20)}\\
&-4m_{201}^{(11)}m_{111}^{(20)}m_{012}^{(10)}-2m_{201}^{(11)}m_{111}^{(21)}m_{102}^{(10)}+2m_{201}^{(11)}m_{111}^{(21)}m_{012}^{(00)}+m_{201}^{(11)}m_{102}^{(00)}m_{030}^{(22)}\\
&+2m_{201}^{(11)}m_{102}^{(00)}m_{021}^{(21)}-3m_{201}^{(11)}m_{102}^{(00)}m_{012}^{(11)}-m_{201}^{(11)}m_{102}^{(10)}m_{021}^{(20)}+4m_{201}^{(11)}m_{102}^{(10)}m_{012}^{(10)}\\
&+m_{201}^{(11)}m_{102}^{(11)}m_{012}^{(00)}+m_{201}^{(11)}m_{102}^{(20)}m_{030}^{(20)}-3m_{201}^{(11)}m_{102}^{(21)}m_{021}^{(00)}+m_{201}^{(11)}m_{102}^{(22)}m_{030}^{(00)}\\
&-m_{201}^{(11)}m_{030}^{(00)}m_{003}^{(20)}-m_{201}^{(11)}m_{030}^{(20)}m_{003}^{(00)}+3m_{201}^{(11)}m_{021}^{(00)}m_{012}^{(20)}+2m_{201}^{(11)}m_{021}^{(10)}m_{003}^{(00)}\\
&-m_{201}^{(11)}m_{021}^{(20)}m_{012}^{(00)}-2m_{201}^{(11)}m_{012}^{(00)}m_{012}^{(10)}+2m_{201}^{(20)}m_{201}^{(21)}m_{030}^{(21)}-2m_{201}^{(20)}m_{201}^{(21)}m_{021}^{(11)}\\
&-2m_{201}^{(20)}m_{120}^{(10)}m_{021}^{(22)}+3m_{201}^{(20)}m_{120}^{(10)}m_{012}^{(21)}-m_{201}^{(20)}m_{120}^{(10)}m_{003}^{(11)}-2m_{201}^{(20)}m_{120}^{(11)}m_{111}^{(22)}\\
&+2m_{201}^{(20)}m_{120}^{(11)}m_{102}^{(21)}-m_{201}^{(20)}m_{120}^{(11)}m_{012}^{(20)}+m_{201}^{(20)}m_{120}^{(11)}m_{003}^{(10)}+2m_{201}^{(20)}m_{120}^{(20)}m_{030}^{(22)}\\
&-2m_{201}^{(20)}m_{120}^{(20)}m_{021}^{(21)}+2m_{201}^{(20)}m_{120}^{(21)}m_{120}^{(22)}-4m_{201}^{(20)}m_{120}^{(21)}m_{111}^{(21)}+2m_{201}^{(20)}m_{120}^{(21)}m_{021}^{(20)}\\
&-2m_{201}^{(20)}m_{120}^{(22)}m_{030}^{(20)}+4m_{201}^{(20)}m_{111}^{(11)}m_{111}^{(21)}-2m_{201}^{(20)}m_{111}^{(11)}m_{102}^{(11)}-2m_{201}^{(20)}m_{111}^{(11)}m_{012}^{(10)}\\
&-2m_{201}^{(20)}m_{111}^{(20)}m_{030}^{(21)}+2m_{201}^{(20)}m_{111}^{(20)}m_{021}^{(11)}+2m_{201}^{(20)}m_{111}^{(21)}m_{030}^{(20)}-2m_{201}^{(20)}m_{111}^{(21)}m_{021}^{(10)}\\
&+2m_{201}^{(20)}m_{111}^{(22)}m_{030}^{(10)}+m_{201}^{(20)}m_{102}^{(10)}m_{030}^{(21)}-m_{201}^{(20)}m_{102}^{(10)}m_{021}^{(11)}-m_{201}^{(20)}m_{102}^{(11)}m_{030}^{(20)}\\
&+3m_{201}^{(20)}m_{102}^{(11)}m_{021}^{(10)}-2m_{201}^{(20)}m_{102}^{(21)}m_{030}^{(10)}-m_{201}^{(20)}m_{030}^{(00)}m_{012}^{(21)}+m_{201}^{(20)}m_{030}^{(00)}m_{003}^{(11)}\\
&+m_{201}^{(20)}m_{030}^{(10)}m_{012}^{(20)}-m_{201}^{(20)}m_{030}^{(10)}m_{003}^{(10)}+m_{201}^{(20)}m_{030}^{(20)}m_{012}^{(10)}-m_{201}^{(20)}m_{030}^{(21)}m_{012}^{(00)}\\
&+2m_{201}^{(20)}m_{021}^{(00)}m_{021}^{(21)}-2m_{201}^{(20)}m_{021}^{(00)}m_{012}^{(11)}-2m_{201}^{(20)}m_{021}^{(10)}m_{021}^{(20)}+m_{201}^{(20)}m_{021}^{(10)}m_{012}^{(10)}\\
&+m_{201}^{(20)}m_{021}^{(11)}m_{012}^{(00)}+4(m_{201}^{(21)})^2m_{111}^{(11)}-2(m_{201}^{(21)})^2m_{030}^{(20)}-2(m_{201}^{(21)})^2m_{021}^{(10)}\\
&-2m_{201}^{(21)}m_{201}^{(22)}m_{120}^{(11)}+2m_{201}^{(21)}m_{201}^{(22)}m_{030}^{(10)}+2m_{201}^{(21)}m_{120}^{(00)}m_{021}^{(22)}-2m_{201}^{(21)}m_{120}^{(00)}m_{003}^{(11)}\\
&-2m_{201}^{(21)}m_{120}^{(10)}m_{111}^{(22)}+m_{201}^{(21)}m_{120}^{(10)}m_{102}^{(21)}+m_{201}^{(21)}m_{120}^{(10)}m_{003}^{(10)}+m_{201}^{(21)}m_{120}^{(11)}m_{102}^{(20)}\\
&+m_{201}^{(21)}m_{120}^{(11)}m_{003}^{(00)}+2m_{201}^{(21)}m_{120}^{(20)}m_{120}^{(22)}+6m_{201}^{(21)}m_{120}^{(20)}m_{111}^{(21)}+m_{201}^{(21)}m_{120}^{(20)}m_{102}^{(11)}\\
&-9m_{201}^{(21)}m_{120}^{(20)}m_{012}^{(10)}-2m_{201}^{(21)}m_{120}^{(21)}m_{111}^{(20)}+7m_{201}^{(21)}m_{120}^{(21)}m_{102}^{(10)}+m_{201}^{(21)}m_{120}^{(21)}m_{012}^{(00)}\\
&-4m_{201}^{(21)}m_{120}^{(22)}m_{111}^{(10)}-4m_{201}^{(21)}m_{111}^{(10)}m_{111}^{(21)}+2m_{201}^{(21)}m_{111}^{(10)}m_{102}^{(11)}+6m_{201}^{(21)}m_{111}^{(10)}m_{012}^{(10)}\\
&-8m_{201}^{(21)}m_{111}^{(11)}m_{111}^{(20)}-4m_{201}^{(21)}m_{111}^{(11)}m_{012}^{(00)}+10m_{201}^{(21)}m_{111}^{(20)}m_{021}^{(10)}+2m_{201}^{(21)}m_{111}^{(21)}m_{021}^{(00)}\\
&-2m_{201}^{(21)}m_{111}^{(22)}m_{030}^{(00)}-4m_{201}^{(21)}m_{102}^{(00)}m_{030}^{(21)}+4m_{201}^{(21)}m_{102}^{(00)}m_{021}^{(11)}-7m_{201}^{(21)}m_{102}^{(10)}m_{021}^{(10)}\\
&+m_{201}^{(21)}m_{102}^{(11)}m_{021}^{(00)}-m_{201}^{(21)}m_{102}^{(20)}m_{030}^{(10)}+m_{201}^{(21)}m_{102}^{(21)}m_{030}^{(00)}+m_{201}^{(21)}m_{030}^{(00)}m_{003}^{(10)}\\
&-m_{201}^{(21)}m_{030}^{(10)}m_{003}^{(00)}+4m_{201}^{(21)}m_{030}^{(20)}m_{012}^{(00)}-4m_{201}^{(21)}m_{021}^{(00)}m_{021}^{(20)}+m_{201}^{(21)}m_{021}^{(00)}m_{012}^{(10)}\\
&-m_{201}^{(21)}m_{021}^{(10)}m_{012}^{(00)}-m_{201}^{(22)}m_{120}^{(00)}m_{030}^{(22)}-2m_{201}^{(22)}m_{120}^{(00)}m_{021}^{(21)}+3m_{201}^{(22)}m_{120}^{(00)}m_{012}^{(11)}\\
&+2m_{201}^{(22)}m_{120}^{(10)}m_{120}^{(22)}-2m_{201}^{(22)}m_{120}^{(10)}m_{102}^{(11)}+4m_{201}^{(22)}m_{120}^{(11)}m_{111}^{(20)}-4m_{201}^{(22)}m_{120}^{(11)}m_{102}^{(10)}\\
&-4m_{201}^{(22)}m_{120}^{(20)}m_{120}^{(21)}+4m_{201}^{(22)}m_{120}^{(20)}m_{021}^{(10)}-2m_{201}^{(22)}m_{120}^{(21)}m_{120}^{(00)}+m_{201}^{(22)}m_{120}^{(22)}m_{030}^{(00)}\\
&+4m_{201}^{(22)}m_{111}^{(00)}m_{030}^{(21)}-4m_{201}^{(22)}m_{111}^{(00)}m_{021}^{(11)}+4m_{201}^{(22)}m_{111}^{(10)}m_{111}^{(11)}-4m_{201}^{(22)}m_{111}^{(10)}m_{021}^{(10)}\\
&+2m_{201}^{(22)}m_{111}^{(11)}m_{021}^{(00)}-4m_{201}^{(22)}m_{111}^{(20)}m_{030}^{(10)}+4m_{201}^{(22)}m_{102}^{(10)}m_{030}^{(10)}-m_{201}^{(22)}m_{102}^{(11)}m_{030}^{(00)}\\
&+2m_{201}^{(22)}m_{030}^{(00)}m_{021}^{(20)}-2m_{201}^{(22)}m_{030}^{(00)}m_{012}^{(10)}-2m_{201}^{(22)}m_{030}^{(20)}m_{021}^{(00)}+2m_{201}^{(22)}m_{021}^{(00)}m_{021}^{(10)}\\
&-2m_{120}^{(00)}m_{120}^{(20)}m_{012}^{(22)}+2m_{120}^{(00)}m_{120}^{(20)}m_{003}^{(21)}+4m_{120}^{(00)}m_{120}^{(21)}m_{102}^{(22)}-4m_{120}^{(00)}m_{120}^{(21)}m_{003}^{(20)}
\end{aligned}
$$

$$
\begin{aligned}
&-2m_{120}^{(00)}m_{120}^{(22)}m_{111}^{(22)} - 2m_{120}^{(00)}m_{120}^{(22)}m_{102}^{(21)} + 4m_{120}^{(00)}m_{120}^{(22)}m_{012}^{(20)} + 4m_{120}^{(00)}m_{111}^{(10)}m_{012}^{(22)}\\
&-4m_{120}^{(00)}m_{111}^{(10)}m_{003}^{(21)} - 4m_{120}^{(00)}m_{111}^{(11)}m_{102}^{(22)} + 4m_{120}^{(00)}m_{111}^{(11)}m_{003}^{(20)} + 4m_{120}^{(00)}m_{111}^{(21)}m_{111}^{(22)}\\
&-4m_{120}^{(00)}m_{111}^{(21)}m_{102}^{(21)} + 2m_{120}^{(00)}m_{111}^{(22)}m_{102}^{(11)} - 4m_{120}^{(00)}m_{111}^{(22)}m_{021}^{(20)} - 2m_{120}^{(00)}m_{102}^{(10)}m_{102}^{(22)}\\
&+2m_{120}^{(00)}m_{102}^{(10)}m_{003}^{(11)} + 2m_{120}^{(00)}m_{102}^{(11)}m_{102}^{(21)} - 2m_{120}^{(00)}m_{102}^{(11)}m_{012}^{(20)} - 2m_{120}^{(00)}m_{102}^{(11)}m_{003}^{(10)}\\
&+2m_{120}^{(00)}m_{102}^{(20)}m_{021}^{(21)} - 2m_{120}^{(00)}m_{102}^{(20)}m_{012}^{(11)} + 4m_{120}^{(00)}m_{102}^{(21)}m_{012}^{(10)} + 2m_{120}^{(00)}m_{102}^{(22)}m_{030}^{(20)}\\
&-2m_{120}^{(00)}m_{102}^{(22)}m_{021}^{(10)} - 2m_{120}^{(00)}m_{030}^{(20)}m_{003}^{(20)} + m_{120}^{(00)}m_{030}^{(22)}m_{003}^{(00)} + 2m_{120}^{(00)}m_{021}^{(00)}m_{012}^{(22)}\\
&-2m_{120}^{(00)}m_{021}^{(00)}m_{003}^{(21)} + 2m_{120}^{(00)}m_{021}^{(10)}m_{003}^{(20)} + 2m_{120}^{(00)}m_{021}^{(20)}m_{012}^{(20)} + 2m_{120}^{(00)}m_{021}^{(20)}m_{003}^{(10)}\\
&-3m_{120}^{(00)}m_{021}^{(22)}m_{012}^{(00)} + 2m_{120}^{(00)}m_{012}^{(00)}m_{012}^{(21)} + m_{120}^{(00)}m_{012}^{(00)}m_{003}^{(11)} - 4m_{120}^{(00)}m_{012}^{(10)}m_{012}^{(20)}\\
&-m_{120}^{(00)}m_{012}^{(11)}m_{003}^{(00)} - 2m_{120}^{(10)}m_{120}^{(20)}m_{102}^{(22)} + 2m_{120}^{(10)}m_{120}^{(20)}m_{003}^{(20)} - 2m_{120}^{(10)}m_{120}^{(22)}m_{102}^{(20)}\\
&-2m_{120}^{(10)}m_{111}^{(00)}m_{012}^{(22)} + 2m_{120}^{(10)}m_{111}^{(00)}m_{003}^{(21)} + 2m_{120}^{(10)}m_{111}^{(10)}m_{102}^{(22)} - 2m_{120}^{(10)}m_{111}^{(10)}m_{003}^{(20)}\\
&+4m_{120}^{(10)}m_{111}^{(20)}m_{111}^{(22)} - 2m_{120}^{(10)}m_{111}^{(20)}m_{102}^{(21)} - 4m_{120}^{(10)}m_{111}^{(20)}m_{012}^{(20)} + 2m_{120}^{(10)}m_{111}^{(20)}m_{003}^{(10)}\\
&+2m_{120}^{(10)}m_{102}^{(00)}m_{021}^{(22)} - 2m_{120}^{(10)}m_{102}^{(00)}m_{012}^{(21)} - 2m_{120}^{(10)}m_{102}^{(10)}m_{102}^{(21)} + 2m_{120}^{(10)}m_{102}^{(10)}m_{012}^{(20)}\\
&+2m_{120}^{(10)}m_{102}^{(11)}m_{102}^{(20)} + 2m_{120}^{(10)}m_{102}^{(20)}m_{021}^{(20)} - 2m_{120}^{(10)}m_{102}^{(20)}m_{012}^{(10)} - 2m_{120}^{(10)}m_{021}^{(20)}m_{003}^{(00)}\\
&+2m_{120}^{(10)}m_{012}^{(00)}m_{012}^{(20)} - 2m_{120}^{(10)}m_{012}^{(00)}m_{003}^{(10)} + 2m_{120}^{(10)}m_{012}^{(10)}m_{003}^{(00)} - 2m_{120}^{(11)}m_{111}^{(20)}m_{102}^{(20)}\\
&-2m_{120}^{(11)}m_{111}^{(20)}m_{003}^{(00)} + 4m_{120}^{(11)}m_{111}^{(22)}m_{102}^{(00)} - 4m_{120}^{(11)}m_{102}^{(00)}m_{102}^{(21)} + 2m_{120}^{(11)}m_{102}^{(00)}m_{012}^{(20)}\\
&-2m_{120}^{(11)}m_{102}^{(00)}m_{003}^{(10)} + 2m_{120}^{(11)}m_{102}^{(10)}m_{102}^{(20)} + 2m_{120}^{(11)}m_{102}^{(10)}m_{003}^{(00)} + 4(m_{120}^{(20)})^2m_{111}^{(22)}\\
&-2(m_{120}^{(20)})^2m_{102}^{(21)} - 2(m_{120}^{(20)})^2m_{003}^{(10)} + 2m_{120}^{(20)}m_{120}^{(21)}m_{102}^{(20)} + 2m_{120}^{(20)}m_{120}^{(21)}m_{003}^{(00)}\\
&-4m_{120}^{(20)}m_{120}^{(22)}m_{111}^{(20)} + 4m_{120}^{(20)}m_{120}^{(22)}m_{102}^{(10)} - 2m_{120}^{(20)}m_{120}^{(22)}m_{012}^{(00)} + 4m_{120}^{(20)}m_{111}^{(00)}m_{021}^{(22)}\\
&-2m_{120}^{(20)}m_{111}^{(00)}m_{012}^{(21)} - 2m_{120}^{(20)}m_{111}^{(00)}m_{003}^{(11)} - 8m_{120}^{(20)}m_{111}^{(10)}m_{111}^{(22)} + 10m_{120}^{(20)}m_{111}^{(10)}m_{102}^{(21)}\\
&-2m_{120}^{(20)}m_{111}^{(10)}m_{012}^{(20)} - 4m_{120}^{(20)}m_{111}^{(20)}m_{111}^{(21)} + 2m_{120}^{(20)}m_{111}^{(20)}m_{102}^{(11)} + 6m_{120}^{(20)}m_{111}^{(20)}m_{012}^{(10)}\\
&-4m_{120}^{(20)}m_{111}^{(21)}m_{012}^{(00)} + 4m_{120}^{(20)}m_{111}^{(22)}m_{021}^{(00)} - 2m_{120}^{(20)}m_{102}^{(00)}m_{030}^{(22)} + 2m_{120}^{(20)}m_{102}^{(00)}m_{012}^{(11)}\\
&-4m_{120}^{(20)}m_{102}^{(10)}m_{102}^{(11)} - 2m_{120}^{(20)}m_{102}^{(20)}m_{021}^{(10)} + 2m_{120}^{(20)}m_{102}^{(21)}m_{021}^{(00)} - 2m_{120}^{(20)}m_{102}^{(22)}m_{030}^{(00)}\\
&+2m_{120}^{(20)}m_{030}^{(00)}m_{003}^{(20)} - 6m_{120}^{(20)}m_{021}^{(00)}m_{012}^{(20)} - 2m_{120}^{(20)}m_{021}^{(10)}m_{003}^{(00)} + 4m_{120}^{(20)}m_{021}^{(20)}m_{012}^{(00)}\\
&+2m_{120}^{(20)}m_{012}^{(00)}m_{012}^{(10)} - 2m_{120}^{(21)}m_{120}^{(22)}m_{102}^{(00)} - 8m_{120}^{(21)}m_{111}^{(00)}m_{111}^{(22)} + 4m_{120}^{(21)}m_{111}^{(00)}m_{012}^{(20)}\\
&+4m_{120}^{(21)}m_{111}^{(00)}m_{003}^{(10)} + 2m_{120}^{(21)}m_{111}^{(10)}m_{102}^{(20)} - 2m_{120}^{(21)}m_{111}^{(10)}m_{003}^{(00)} + 4m_{120}^{(21)}(m_{111}^{(20)})^2\\
&-10m_{120}^{(21)}m_{111}^{(20)}m_{102}^{(10)} + 2m_{120}^{(21)}m_{111}^{(20)}m_{012}^{(00)} + 4m_{120}^{(21)}m_{111}^{(21)}m_{102}^{(00)} + 2m_{120}^{(21)}m_{102}^{(00)}m_{102}^{(11)}\\
&-4m_{120}^{(21)}m_{102}^{(00)}m_{021}^{(20)} + 2m_{120}^{(21)}(m_{102}^{(10)})^2 - 2m_{120}^{(21)}m_{102}^{(10)}m_{012}^{(00)} + 2m_{120}^{(21)}m_{021}^{(00)}m_{003}^{(00)}\\
&-2m_{120}^{(21)}(m_{012}^{(00)})^2 + 2(m_{120}^{(22)})^2m_{111}^{(00)} + 4m_{120}^{(22)}m_{111}^{(00)}m_{111}^{(21)} - 4m_{120}^{(22)}m_{111}^{(00)}m_{021}^{(20)}\\
&-4m_{120}^{(22)}m_{111}^{(00)}m_{012}^{(10)} + 4m_{120}^{(22)}m_{111}^{(10)}m_{111}^{(20)} - 2m_{120}^{(22)}m_{111}^{(10)}m_{102}^{(10)} + 2m_{120}^{(22)}m_{111}^{(10)}m_{012}^{(00)}\\
&-2m_{120}^{(22)}m_{111}^{(11)}m_{102}^{(00)} + 2m_{120}^{(22)}m_{102}^{(00)}m_{030}^{(20)} + 2m_{120}^{(22)}m_{102}^{(00)}m_{021}^{(10)} - m_{120}^{(22)}m_{030}^{(00)}m_{003}^{(00)}\\
&+m_{120}^{(22)}m_{021}^{(00)}m_{012}^{(00)} - 4m_{111}^{(00)}m_{111}^{(10)}m_{021}^{(22)} + 4m_{111}^{(00)}m_{111}^{(10)}m_{012}^{(21)} + 8m_{111}^{(00)}m_{111}^{(11)}m_{102}^{(21)}\\
&-8m_{111}^{(00)}m_{111}^{(11)}m_{012}^{(20)} - 4m_{111}^{(00)}m_{111}^{(20)}m_{021}^{(21)} + 4m_{111}^{(00)}m_{111}^{(20)}m_{012}^{(11)} - 4m_{111}^{(00)}m_{111}^{(21)}m_{111}^{(11)}\\
&+8m_{111}^{(00)}m_{111}^{(21)}m_{021}^{(20)} - 8m_{111}^{(00)}m_{111}^{(21)}m_{012}^{(10)} + 8m_{111}^{(00)}m_{111}^{(22)}m_{021}^{(10)} + 2m_{111}^{(00)}m_{102}^{(10)}m_{102}^{(22)}\\
&+2m_{111}^{(00)}m_{102}^{(10)}m_{021}^{(21)} - 4m_{111}^{(00)}m_{102}^{(10)}m_{012}^{(11)} - 2m_{111}^{(00)}(m_{102}^{(11)})^2 + 4m_{111}^{(00)}m_{102}^{(11)}m_{021}^{(20)}\\
&+4m_{111}^{(00)}m_{102}^{(11)}m_{012}^{(10)} - 2m_{111}^{(00)}m_{102}^{(20)}m_{030}^{(21)} + 2m_{111}^{(00)}m_{102}^{(20)}m_{021}^{(11)} - 4m_{111}^{(00)}m_{102}^{(21)}m_{102}^{(20)}\\
&-4m_{111}^{(00)}m_{102}^{(21)}m_{021}^{(10)} - 2m_{111}^{(00)}m_{030}^{(00)}m_{012}^{(22)} + 2m_{111}^{(00)}m_{030}^{(00)}m_{003}^{(21)} + 4m_{111}^{(00)}m_{030}^{(20)}m_{012}^{(20)}\\
&-2m_{111}^{(00)}m_{030}^{(21)}m_{003}^{(00)} + 2m_{111}^{(00)}m_{021}^{(00)}m_{021}^{(22)} - 2m_{111}^{(00)}m_{021}^{(00)}m_{012}^{(21)} - 4m_{111}^{(00)}m_{021}^{(10)}m_{003}^{(10)}\\
&+2m_{111}^{(00)}m_{021}^{(11)}m_{003}^{(00)} - 4m_{111}^{(00)}(m_{021}^{(20)})^2 + 2m_{111}^{(00)}m_{021}^{(21)}m_{012}^{(00)} - 2m_{111}^{(00)}m_{012}^{(00)}m_{012}^{(11)}
\end{aligned}
$$

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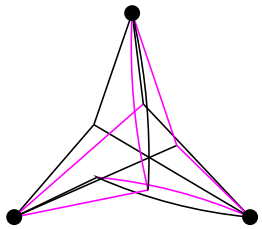
\begin{aligned}
&+4m_{111}^{(00)}(m_{012}^{(10)})^2 - 4(m_{111}^{(10)})^2 m_{102}^{(21)} + 4(m_{111}^{(10)})^2 m_{012}^{(20)} - 4m_{111}^{(10)} m_{111}^{(11)} m_{102}^{(20)} \\
&-4m_{111}^{(10)} m_{111}^{(20)} m_{102}^{(11)} + 4m_{111}^{(10)} m_{111}^{(20)} m_{021}^{(20)} - 4m_{111}^{(10)} m_{111}^{(20)} m_{012}^{(10)} + 4m_{111}^{(10)} m_{111}^{(21)} m_{102}^{(10)} \\
&+4m_{111}^{(10)} m_{111}^{(21)} m_{012}^{(00)} - 4m_{111}^{(10)} m_{111}^{(22)} m_{021}^{(00)} + 4m_{111}^{(10)} m_{102}^{(10)} m_{102}^{(11)} - 6m_{111}^{(10)} m_{102}^{(10)} m_{021}^{(20)} \\
&-2m_{111}^{(10)} m_{102}^{(20)} m_{030}^{(20)} + 4m_{111}^{(10)} m_{102}^{(20)} m_{021}^{(10)} - 2m_{111}^{(10)} m_{102}^{(21)} m_{021}^{(00)} + 2m_{111}^{(10)} m_{102}^{(22)} m_{030}^{(00)} \\
&-2m_{111}^{(10)} m_{030}^{(00)} m_{003}^{(20)} + 2m_{111}^{(10)} m_{030}^{(20)} m_{003}^{(00)} + 2m_{111}^{(10)} m_{021}^{(00)} m_{012}^{(20)} + 4m_{111}^{(10)} m_{021}^{(00)} m_{003}^{(10)} \\
&-2m_{111}^{(10)} m_{021}^{(20)} m_{012}^{(00)} - 4m_{111}^{(10)} m_{012}^{(00)} m_{012}^{(10)} + 8m_{111}^{(11)} m_{111}^{(20)} m_{102}^{(10)} + 4m_{111}^{(11)} m_{111}^{(20)} m_{012}^{(00)} \\
&-4m_{111}^{(11)} m_{111}^{(21)} m_{102}^{(00)} + 2m_{111}^{(11)} m_{102}^{(00)} m_{102}^{(11)} + 4m_{111}^{(11)} m_{102}^{(00)} m_{012}^{(10)} - 4m_{111}^{(11)} (m_{102}^{(10)})^2 \\
&-4m_{111}^{(11)} m_{102}^{(10)} m_{012}^{(00)} - 2m_{111}^{(11)} m_{021}^{(00)} m_{003}^{(00)} + 2m_{111}^{(11)} (m_{012}^{(00)})^2 - 4(m_{111}^{(20)})^2 m_{021}^{(10)} \\
&-4m_{111}^{(20)} m_{111}^{(21)} m_{021}^{(00)} + 4m_{111}^{(20)} m_{102}^{(00)} m_{030}^{(21)} - 4m_{111}^{(20)} m_{102}^{(00)} m_{021}^{(11)} + 2m_{111}^{(20)} m_{102}^{(10)} m_{021}^{(10)} \\
&-2m_{111}^{(20)} m_{102}^{(11)} m_{021}^{(00)} + 2m_{111}^{(20)} m_{102}^{(20)} m_{030}^{(10)} + 2m_{111}^{(20)} m_{102}^{(21)} m_{030}^{(00)} - 2m_{111}^{(20)} m_{030}^{(00)} m_{003}^{(10)} \\
&+2m_{111}^{(20)} m_{030}^{(10)} m_{003}^{(00)} - 4m_{111}^{(20)} m_{030}^{(20)} m_{012}^{(00)} + 4m_{111}^{(20)} m_{021}^{(00)} m_{021}^{(20)} + 2m_{111}^{(20)} m_{021}^{(00)} m_{012}^{(10)} \\
&-2m_{111}^{(20)} m_{021}^{(10)} m_{012}^{(00)} + 4m_{111}^{(21)} m_{102}^{(10)} m_{021}^{(00)} - 4m_{111}^{(22)} m_{102}^{(00)} m_{030}^{(10)} + 2m_{111}^{(22)} m_{030}^{(00)} m_{012}^{(00)} \\
&-2m_{111}^{(22)} (m_{021}^{(00)})^2 - 2m_{102}^{(00)} m_{102}^{(10)} m_{030}^{(21)} + 2m_{102}^{(00)} m_{102}^{(10)} m_{021}^{(11)} - 4m_{102}^{(00)} m_{102}^{(11)} m_{021}^{(10)} \\
&+4m_{102}^{(00)} m_{102}^{(21)} m_{030}^{(10)} + m_{102}^{(00)} m_{030}^{(00)} m_{021}^{(22)} - m_{102}^{(00)} m_{030}^{(00)} m_{003}^{(11)} - 2m_{102}^{(00)} m_{030}^{(10)} m_{012}^{(20)} \\
&+2m_{102}^{(00)} m_{030}^{(10)} m_{003}^{(10)} - 2m_{102}^{(00)} m_{030}^{(20)} m_{012}^{(10)} + 2m_{102}^{(00)} m_{030}^{(21)} m_{012}^{(00)} - m_{102}^{(00)} m_{030}^{(22)} m_{021}^{(00)} \\
&-2m_{102}^{(00)} m_{021}^{(00)} m_{021}^{(21)} + 3m_{102}^{(00)} m_{021}^{(00)} m_{012}^{(11)} + 4m_{102}^{(00)} m_{021}^{(10)} m_{021}^{(20)} - 2m_{102}^{(00)} m_{021}^{(10)} m_{012}^{(10)} \\
&-2m_{102}^{(00)} m_{021}^{(11)} m_{012}^{(00)} + 2(m_{102}^{(10)})^2 m_{030}^{(20)} + 2m_{102}^{(10)} m_{102}^{(11)} m_{021}^{(00)} - 2m_{102}^{(10)} m_{102}^{(20)} m_{030}^{(10)} \\
&-2m_{102}^{(10)} m_{102}^{(21)} m_{030}^{(00)} + 2m_{102}^{(10)} m_{030}^{(00)} m_{012}^{(20)} - 2m_{102}^{(10)} m_{030}^{(10)} m_{003}^{(00)} - 2m_{102}^{(10)} m_{021}^{(00)} m_{021}^{(20)} \\
&-4m_{102}^{(10)} m_{021}^{(00)} m_{012}^{(10)} + 6m_{102}^{(10)} m_{021}^{(10)} m_{012}^{(00)} + m_{102}^{(11)} m_{030}^{(00)} m_{003}^{(00)} - m_{102}^{(11)} m_{021}^{(00)} m_{012}^{(00)} \\
&-2m_{102}^{(20)} m_{030}^{(00)} m_{021}^{(20)} + 2m_{102}^{(20)} m_{030}^{(00)} m_{012}^{(10)} + 2m_{102}^{(20)} m_{030}^{(20)} m_{021}^{(00)} - 2m_{102}^{(20)} m_{021}^{(00)} m_{021}^{(10)} \\
&-2m_{102}^{(21)} m_{030}^{(00)} m_{012}^{(00)} + 2m_{102}^{(21)} (m_{021}^{(00)})^2
\end{aligned}
$$

Generating graph:

$$
\begin{array}{ccccc}
V1 & 1 & V1 & 1 & 1 \\
V2 & V2 & 2 & 2 & V3 \\
2 & V3 & 3 & 3 & 3
\end{array}
$$



$$
\begin{aligned}
T_{91} \;=\; & m_{000}^{(00)} m_{000}^{(11)} m_{100}^{(20)} m_{021}^{(22)} - 2m_{000}^{(00)} m_{000}^{(11)} m_{100}^{(20)} m_{012}^{(21)} + m_{000}^{(00)} m_{000}^{(11)} m_{100}^{(20)} m_{003}^{(11)} \\
& -m_{000}^{(00)} m_{000}^{(11)} m_{100}^{(21)} m_{111}^{(22)} + m_{000}^{(00)} m_{000}^{(11)} m_{100}^{(21)} m_{102}^{(21)} + m_{000}^{(00)} m_{000}^{(11)} m_{100}^{(21)} m_{012}^{(20)}
\end{aligned}
$$

$$
\begin{aligned}
&-m_{000}^{(00)}m_{000}^{(11)}m_{100}^{(21)}m_{003}^{(10)} + m_{000}^{(00)}m_{000}^{(11)}m_{100}^{(22)}m_{111}^{(21)} - m_{000}^{(00)}m_{000}^{(11)}m_{100}^{(22)}m_{102}^{(11)}\\
&-m_{000}^{(00)}m_{000}^{(11)}m_{100}^{(22)}m_{021}^{(20)} + m_{000}^{(00)}m_{000}^{(11)}m_{100}^{(22)}m_{012}^{(10)} - m_{000}^{(00)}m_{000}^{(11)}m_{010}^{(20)}m_{111}^{(22)}\\
&+m_{000}^{(00)}m_{000}^{(11)}m_{010}^{(20)}m_{102}^{(21)} + m_{000}^{(00)}m_{000}^{(11)}m_{010}^{(20)}m_{012}^{(20)} - m_{000}^{(00)}m_{000}^{(11)}m_{010}^{(20)}m_{003}^{(10)}\\
&+m_{000}^{(00)}m_{000}^{(11)}m_{010}^{(21)}m_{201}^{(22)} - 2m_{000}^{(00)}m_{000}^{(11)}m_{010}^{(21)}m_{102}^{(20)} + m_{000}^{(00)}m_{000}^{(11)}m_{010}^{(21)}m_{003}^{(00)}\\
&-m_{000}^{(00)}m_{000}^{(11)}m_{010}^{(22)}m_{201}^{(21)} + m_{000}^{(00)}m_{000}^{(11)}m_{010}^{(22)}m_{111}^{(20)} + m_{000}^{(00)}m_{000}^{(11)}m_{010}^{(22)}m_{102}^{(10)}\\
&-m_{000}^{(00)}m_{000}^{(11)}m_{010}^{(22)}m_{012}^{(00)} + m_{000}^{(00)}m_{000}^{(11)}m_{001}^{(20)}m_{111}^{(21)} - m_{000}^{(00)}m_{000}^{(11)}m_{001}^{(20)}m_{102}^{(11)}\\
&-m_{000}^{(00)}m_{000}^{(11)}m_{001}^{(20)}m_{021}^{(20)} + m_{000}^{(00)}m_{000}^{(11)}m_{001}^{(20)}m_{012}^{(10)} - m_{000}^{(00)}m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(21)}\\
&+m_{000}^{(00)}m_{000}^{(11)}m_{001}^{(21)}m_{111}^{(20)} + m_{000}^{(00)}m_{000}^{(11)}m_{001}^{(21)}m_{102}^{(10)} - m_{000}^{(00)}m_{000}^{(11)}m_{001}^{(21)}m_{012}^{(00)}\\
&+m_{000}^{(00)}m_{000}^{(11)}m_{001}^{(22)}m_{201}^{(11)} - 2m_{000}^{(00)}m_{000}^{(11)}m_{001}^{(22)}m_{111}^{(10)} + m_{000}^{(00)}m_{000}^{(11)}m_{001}^{(22)}m_{021}^{(00)}\\
&-m_{000}^{(00)}m_{000}^{(21)}m_{100}^{(10)}m_{021}^{(22)} + 2m_{000}^{(00)}m_{000}^{(21)}m_{100}^{(10)}m_{012}^{(21)} - m_{000}^{(00)}m_{000}^{(21)}m_{100}^{(10)}m_{003}^{(11)}\\
&+m_{000}^{(00)}m_{000}^{(21)}m_{100}^{(11)}m_{111}^{(22)} - m_{000}^{(00)}m_{000}^{(21)}m_{100}^{(11)}m_{102}^{(21)} - m_{000}^{(00)}m_{000}^{(21)}m_{100}^{(11)}m_{012}^{(20)}\\
&+m_{000}^{(00)}m_{000}^{(21)}m_{100}^{(11)}m_{003}^{(10)} - m_{000}^{(00)}m_{000}^{(21)}m_{100}^{(20)}m_{030}^{(22)} + 2m_{000}^{(00)}m_{000}^{(21)}m_{100}^{(20)}m_{021}^{(21)}\\
&-m_{000}^{(00)}m_{000}^{(21)}m_{100}^{(20)}m_{012}^{(11)} + m_{000}^{(00)}m_{000}^{(21)}m_{100}^{(21)}m_{120}^{(22)} - 2m_{000}^{(00)}m_{000}^{(21)}m_{100}^{(21)}m_{111}^{(21)}\\
&+m_{000}^{(00)}m_{000}^{(21)}m_{100}^{(21)}m_{102}^{(11)} - m_{000}^{(00)}m_{000}^{(21)}m_{100}^{(22)}m_{120}^{(21)} + m_{000}^{(00)}m_{000}^{(21)}m_{100}^{(22)}m_{111}^{(11)}\\
&+m_{000}^{(00)}m_{000}^{(21)}m_{100}^{(22)}m_{030}^{(20)} - m_{000}^{(00)}m_{000}^{(21)}m_{100}^{(22)}m_{021}^{(10)} + m_{000}^{(00)}m_{000}^{(21)}m_{010}^{(10)}m_{111}^{(22)}\\
&-m_{000}^{(00)}m_{000}^{(21)}m_{010}^{(10)}m_{102}^{(21)} - m_{000}^{(00)}m_{000}^{(21)}m_{010}^{(10)}m_{012}^{(20)} + m_{000}^{(00)}m_{000}^{(21)}m_{010}^{(10)}m_{003}^{(10)}\\
&-m_{000}^{(00)}m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(22)} + 2m_{000}^{(00)}m_{000}^{(21)}m_{010}^{(11)}m_{102}^{(20)} - m_{000}^{(00)}m_{000}^{(21)}m_{010}^{(11)}m_{003}^{(00)}\\
&+m_{000}^{(00)}m_{000}^{(21)}m_{010}^{(20)}m_{120}^{(22)} - m_{000}^{(00)}m_{000}^{(21)}m_{010}^{(20)}m_{111}^{(21)} - m_{000}^{(00)}m_{000}^{(21)}m_{010}^{(20)}m_{021}^{(20)}\\
&+m_{000}^{(00)}m_{000}^{(21)}m_{010}^{(20)}m_{012}^{(10)} - m_{000}^{(00)}m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(22)} + m_{000}^{(00)}m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(21)}\\
&+m_{000}^{(00)}m_{000}^{(21)}m_{010}^{(21)}m_{111}^{(20)} - m_{000}^{(00)}m_{000}^{(21)}m_{010}^{(21)}m_{102}^{(10)} + m_{000}^{(00)}m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(21)}\\
&-m_{000}^{(00)}m_{000}^{(21)}m_{010}^{(22)}m_{120}^{(20)} - m_{000}^{(00)}m_{000}^{(21)}m_{010}^{(22)}m_{111}^{(10)} + m_{000}^{(00)}m_{000}^{(21)}m_{010}^{(22)}m_{021}^{(00)}\\
&-m_{000}^{(00)}m_{000}^{(21)}m_{001}^{(10)}m_{111}^{(21)} + m_{000}^{(00)}m_{000}^{(21)}m_{001}^{(10)}m_{102}^{(11)} + m_{000}^{(00)}m_{000}^{(21)}m_{001}^{(10)}m_{021}^{(20)}\\
&-m_{000}^{(00)}m_{000}^{(21)}m_{001}^{(10)}m_{012}^{(10)} + m_{000}^{(00)}m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(21)} - m_{000}^{(00)}m_{000}^{(21)}m_{001}^{(11)}m_{111}^{(20)}\\
&-m_{000}^{(00)}m_{000}^{(21)}m_{001}^{(11)}m_{102}^{(10)} + m_{000}^{(00)}m_{000}^{(21)}m_{001}^{(11)}m_{012}^{(00)} - m_{000}^{(00)}m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(21)}\\
&+m_{000}^{(00)}m_{000}^{(21)}m_{001}^{(20)}m_{111}^{(11)} + m_{000}^{(00)}m_{000}^{(21)}m_{001}^{(20)}m_{030}^{(20)} - m_{000}^{(00)}m_{000}^{(21)}m_{001}^{(20)}m_{021}^{(10)}\\
&+m_{000}^{(00)}m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(21)} - m_{000}^{(00)}m_{000}^{(21)}m_{001}^{(21)}m_{201}^{(11)} - m_{000}^{(00)}m_{000}^{(21)}m_{001}^{(21)}m_{120}^{(20)}\\
&+m_{000}^{(00)}m_{000}^{(21)}m_{001}^{(21)}m_{111}^{(10)} - m_{000}^{(00)}m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(11)} + 2m_{000}^{(00)}m_{000}^{(21)}m_{001}^{(22)}m_{120}^{(10)}\\
&-m_{000}^{(00)}m_{000}^{(21)}m_{001}^{(22)}m_{030}^{(00)} + m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(10)}m_{030}^{(22)} - 2m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(10)}m_{021}^{(21)}\\
&+m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(10)}m_{012}^{(11)} - m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(11)}m_{120}^{(22)} + m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(11)}m_{111}^{(21)}\\
&+m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(11)}m_{021}^{(20)} - m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(21)}m_{012}^{(10)} + m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(21)}\\
&-m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(21)}m_{111}^{(11)} - m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(21)}m_{030}^{(20)} + m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(21)}m_{021}^{(10)}\\
&-m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(22)}m_{120}^{(20)} + m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(22)}m_{111}^{(20)} + m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(22)}m_{021}^{(20)}\\
&-m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(10)}m_{012}^{(10)} + m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(11)}m_{210}^{(22)} - 2m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(11)}m_{111}^{(20)}\\
&+m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(11)}m_{012}^{(00)} - m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(21)} + m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(21)}m_{120}^{(20)}\\
&+m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(21)}m_{111}^{(10)} - m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(21)}m_{021}^{(00)} + m_{000}^{(00)}m_{000}^{(22)}m_{001}^{(10)}m_{120}^{(21)}\\
&-m_{000}^{(00)}m_{000}^{(22)}m_{001}^{(10)}m_{111}^{(11)} - m_{000}^{(00)}m_{000}^{(22)}m_{001}^{(10)}m_{030}^{(20)} + m_{000}^{(00)}m_{000}^{(22)}m_{001}^{(10)}m_{021}^{(10)}\\
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&+m_{000}^{(00)}m_{000}^{(22)}m_{001}^{(21)}m_{030}^{(00)} - (m_{000}^{(10)})^2m_{100}^{(20)}m_{021}^{(22)} + 2(m_{000}^{(10)})^2m_{100}^{(20)}m_{012}^{(21)}\\
&-(m_{000}^{(10)})^2m_{100}^{(20)}m_{003}^{(11)} + (m_{000}^{(10)})^2m_{100}^{(21)}m_{111}^{(22)} - (m_{000}^{(10)})^2m_{100}^{(21)}m_{102}^{(21)}\\
&-(m_{000}^{(10)})^2m_{100}^{(21)}m_{012}^{(20)} + (m_{000}^{(10)})^2m_{100}^{(21)}m_{003}^{(10)} - (m_{000}^{(10)})^2m_{100}^{(22)}m_{111}^{(21)}\\
&+(m_{000}^{(10)})^2m_{100}^{(22)}m_{102}^{(11)} + (m_{000}^{(10)})^2m_{100}^{(22)}m_{021}^{(20)} - (m_{000}^{(10)})^2m_{100}^{(22)}m_{012}^{(10)}\\
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&-(m_{000}^{(10)})^2m_{010}^{(21)}m_{003}^{(00)} + (m_{000}^{(10)})^2m_{010}^{(22)}m_{201}^{(21)} - (m_{000}^{(10)})^2m_{010}^{(22)}m_{111}^{(20)}\\
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&+m_{000}^{(10)}m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(21)} - m_{000}^{(10)}m_{000}^{(22)}m_{100}^{(10)}m_{102}^{(11)} - m_{000}^{(10)}m_{000}^{(22)}m_{100}^{(10)}m_{021}^{(20)}\\
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&+m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(10)}m_{111}^{(20)} + m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(10)}m_{102}^{(10)} - m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(10)}m_{012}^{(00)}\\
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&+m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(21)} - m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(20)} - m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(20)}m_{111}^{(10)}\\
&+m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(20)}m_{021}^{(00)} + m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(21)} - m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(20)}\\
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&+m_{000}^{(10)}m_{000}^{(22)}m_{001}^{(11)}m_{300}^{(21)} - m_{000}^{(10)}m_{000}^{(22)}m_{001}^{(11)}m_{210}^{(20)} - m_{000}^{(10)}m_{000}^{(22)}m_{001}^{(11)}m_{201}^{(10)}\\
&+m_{000}^{(10)}m_{000}^{(22)}m_{001}^{(11)}m_{111}^{(00)} - m_{000}^{(10)}m_{000}^{(22)}m_{001}^{(20)}m_{210}^{(11)} + 2m_{000}^{(10)}m_{000}^{(22)}m_{001}^{(20)}m_{120}^{(10)}\\
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&+m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(21)} + m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(20)}m_{021}^{(20)} - m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(20)}m_{012}^{(10)}\\
&+m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(22)} - m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(21)} - m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(20)}\\
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&+m_{000}^{(11)}m_{000}^{(22)}m_{001}^{(00)}m_{111}^{(10)} - m_{000}^{(11)}m_{000}^{(22)}m_{001}^{(10)}m_{300}^{(21)} + m_{000}^{(11)}m_{000}^{(22)}m_{001}^{(10)}m_{210}^{(20)}\\
&+m_{000}^{(11)}m_{000}^{(22)}m_{001}^{(10)}m_{201}^{(10)} - m_{000}^{(11)}m_{000}^{(22)}m_{001}^{(10)}m_{111}^{(00)} + m_{000}^{(11)}m_{000}^{(22)}m_{001}^{(20)}m_{300}^{(11)}\\
&-2m_{000}^{(11)}m_{000}^{(22)}m_{001}^{(20)}m_{210}^{(10)} + m_{000}^{(11)}m_{000}^{(22)}m_{001}^{(20)}m_{120}^{(00)} - (m_{000}^{(20)})^2m_{100}^{(10)}m_{030}^{(22)}\\
&+2(m_{000}^{(20)})^2m_{100}^{(10)}m_{021}^{(21)} - (m_{000}^{(20)})^2m_{100}^{(10)}m_{012}^{(11)} + (m_{000}^{(20)})^2m_{100}^{(11)}m_{120}^{(22)}\\
&-(m_{000}^{(20)})^2m_{100}^{(11)}m_{111}^{(21)} - (m_{000}^{(20)})^2m_{100}^{(11)}m_{021}^{(20)} + (m_{000}^{(20)})^2m_{100}^{(11)}m_{012}^{(10)}\\
&-(m_{000}^{(20)})^2m_{100}^{(21)}m_{120}^{(21)} + (m_{000}^{(20)})^2m_{100}^{(21)}m_{111}^{(11)} + (m_{000}^{(20)})^2m_{100}^{(21)}m_{030}^{(20)}\\
&-(m_{000}^{(20)})^2m_{100}^{(21)}m_{021}^{(10)} + (m_{000}^{(20)})^2m_{010}^{(10)}m_{120}^{(22)} - (m_{000}^{(20)})^2m_{010}^{(10)}m_{111}^{(21)}\\
&-(m_{000}^{(20)})^2m_{010}^{(10)}m_{021}^{(20)} + (m_{000}^{(20)})^2m_{010}^{(10)}m_{012}^{(10)} - (m_{000}^{(20)})^2m_{010}^{(11)}m_{210}^{(22)}\\
&+2(m_{000}^{(20)})^2m_{010}^{(11)}m_{111}^{(20)} - (m_{000}^{(20)})^2m_{010}^{(11)}m_{012}^{(00)} + (m_{000}^{(20)})^2m_{010}^{(21)}m_{210}^{(21)}\\
&-(m_{000}^{(20)})^2m_{010}^{(21)}m_{120}^{(20)} - (m_{000}^{(20)})^2m_{010}^{(21)}m_{111}^{(10)} + (m_{000}^{(20)})^2m_{010}^{(21)}m_{021}^{(00)}\\
&-(m_{000}^{(20)})^2m_{001}^{(10)}m_{120}^{(21)} + (m_{000}^{(20)})^2m_{001}^{(10)}m_{111}^{(11)} + (m_{000}^{(20)})^2m_{001}^{(10)}m_{030}^{(20)}\\
&-(m_{000}^{(20)})^2m_{001}^{(10)}m_{021}^{(10)} + (m_{000}^{(20)})^2m_{001}^{(11)}m_{210}^{(21)} - (m_{000}^{(20)})^2m_{001}^{(11)}m_{120}^{(20)}\\
&-(m_{000}^{(20)})^2m_{001}^{(11)}m_{111}^{(10)} + (m_{000}^{(20)})^2m_{001}^{(11)}m_{021}^{(00)} - (m_{000}^{(20)})^2m_{001}^{(21)}m_{210}^{(11)}\\
&+2(m_{000}^{(20)})^2m_{001}^{(21)}m_{120}^{(10)} - (m_{000}^{(20)})^2m_{001}^{(21)}m_{030}^{(00)} + m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(00)}m_{030}^{(22)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(00)}m_{021}^{(21)} + m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(00)}m_{012}^{(11)} - m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(21)}\\
&+m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(10)}m_{102}^{(11)} + m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(10)}m_{021}^{(20)} - m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(10)}m_{012}^{(10)}\\
&-m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(22)} + m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(21)} + m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(11)}m_{111}^{(20)}\\
&-m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(11)}m_{102}^{(10)} + m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(21)} - m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(11)}\\
&-m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(20)}m_{030}^{(20)} + m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(20)}m_{021}^{(10)} + m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(21)}\\
&-m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(11)} - m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(21)}m_{120}^{(20)} + m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(21)}m_{111}^{(10)}\\
&-m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(00)}m_{120}^{(22)} + m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(00)}m_{111}^{(21)} + m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(00)}m_{021}^{(20)}
\end{aligned}
$$

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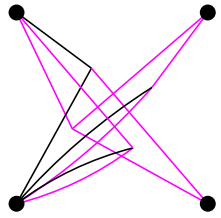
\begin{aligned}
&-m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(00)}m_{012}^{(10)} + m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(21)} - m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(10)}m_{111}^{(20)}\\
&-m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(10)}m_{102}^{(10)} + m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(10)}m_{012}^{(00)} + m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(11)}m_{300}^{(22)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(20)} + m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(11)}m_{102}^{(00)} - m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(21)}\\
&+m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(20)}m_{120}^{(20)} + m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(20)}m_{111}^{(10)} - m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(20)}m_{021}^{(00)}\\
&-m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(21)} + m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(20)} + m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(10)}\\
&-m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(21)}m_{111}^{(00)} + m_{000}^{(20)}m_{000}^{(21)}m_{001}^{(00)}m_{120}^{(21)} - m_{000}^{(20)}m_{000}^{(21)}m_{001}^{(00)}m_{111}^{(11)}\\
&-m_{000}^{(20)}m_{000}^{(21)}m_{001}^{(00)}m_{030}^{(20)} + m_{000}^{(20)}m_{000}^{(21)}m_{001}^{(00)}m_{021}^{(10)} - m_{000}^{(20)}m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(11)}\\
&+2m_{000}^{(20)}m_{000}^{(21)}m_{001}^{(10)}m_{111}^{(10)} - m_{000}^{(20)}m_{000}^{(21)}m_{001}^{(10)}m_{021}^{(00)} - m_{000}^{(20)}m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(21)}\\
&+m_{000}^{(20)}m_{000}^{(21)}m_{001}^{(11)}m_{210}^{(20)} + m_{000}^{(20)}m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(10)} - m_{000}^{(20)}m_{000}^{(21)}m_{001}^{(11)}m_{111}^{(00)}\\
&+m_{000}^{(20)}m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(11)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(10)} + m_{000}^{(20)}m_{000}^{(21)}m_{001}^{(20)}m_{030}^{(00)}\\
&+m_{000}^{(20)}m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(11)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(10)} + m_{000}^{(20)}m_{000}^{(21)}m_{001}^{(21)}m_{120}^{(00)}\\
&-(m_{000}^{(21)})^2m_{100}^{(00)}m_{120}^{(22)} + 2(m_{000}^{(21)})^2m_{100}^{(00)}m_{111}^{(21)} - (m_{000}^{(21)})^2m_{100}^{(00)}m_{102}^{(11)}\\
&+(m_{000}^{(21)})^2m_{100}^{(10)}m_{210}^{(22)} - (m_{000}^{(21)})^2m_{100}^{(10)}m_{201}^{(21)} - (m_{000}^{(21)})^2m_{100}^{(10)}m_{111}^{(20)}\\
&+(m_{000}^{(21)})^2m_{100}^{(10)}m_{102}^{(10)} - (m_{000}^{(21)})^2m_{100}^{(20)}m_{210}^{(21)} + (m_{000}^{(21)})^2m_{100}^{(20)}m_{201}^{(11)}\\
&+(m_{000}^{(21)})^2m_{100}^{(20)}m_{120}^{(20)} - (m_{000}^{(21)})^2m_{100}^{(20)}m_{111}^{(10)} + (m_{000}^{(21)})^2m_{010}^{(00)}m_{210}^{(22)}\\
&-(m_{000}^{(21)})^2m_{010}^{(00)}m_{201}^{(21)} - (m_{000}^{(21)})^2m_{010}^{(00)}m_{111}^{(20)} + (m_{000}^{(21)})^2m_{010}^{(00)}m_{102}^{(10)}\\
&-(m_{000}^{(21)})^2m_{010}^{(10)}m_{300}^{(22)} + 2(m_{000}^{(21)})^2m_{010}^{(10)}m_{201}^{(20)} - (m_{000}^{(21)})^2m_{010}^{(10)}m_{102}^{(00)}\\
&+(m_{000}^{(21)})^2m_{010}^{(20)}m_{300}^{(21)} - (m_{000}^{(21)})^2m_{010}^{(20)}m_{210}^{(20)} - (m_{000}^{(21)})^2m_{010}^{(20)}m_{201}^{(10)}\\
&+(m_{000}^{(21)})^2m_{010}^{(20)}m_{111}^{(00)} - (m_{000}^{(21)})^2m_{001}^{(00)}m_{210}^{(21)} + (m_{000}^{(21)})^2m_{001}^{(00)}m_{201}^{(11)}\\
&+(m_{000}^{(21)})^2m_{001}^{(00)}m_{120}^{(20)} - (m_{000}^{(21)})^2m_{001}^{(00)}m_{111}^{(10)} + (m_{000}^{(21)})^2m_{001}^{(10)}m_{300}^{(21)}\\
&-(m_{000}^{(21)})^2m_{001}^{(10)}m_{210}^{(20)} - (m_{000}^{(21)})^2m_{001}^{(10)}m_{201}^{(10)} + (m_{000}^{(21)})^2m_{001}^{(10)}m_{111}^{(00)}\\
&-(m_{000}^{(21)})^2m_{001}^{(20)}m_{300}^{(11)} + 2(m_{000}^{(21)})^2m_{001}^{(20)}m_{210}^{(10)} - (m_{000}^{(21)})^2m_{001}^{(20)}m_{120}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & V1 & 1 & V2\\
1 & 1 & 2 & V3\\
V2 & V3 & V4 & V4
\end{array}
$$



$$
T_{92} \;=\; m_{100}^{(00)}m_{100}^{(10)}m_{020}^{(11)}m_{003}^{(22)} - 2m_{100}^{(00)}m_{100}^{(10)}m_{020}^{(21)}m_{003}^{(21)} + m_{100}^{(00)}m_{100}^{(10)}m_{020}^{(22)}m_{003}^{(11)}
$$

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\begin{aligned}
&-2m_{100}^{(00)}m_{100}^{(10)}m_{011}^{(11)}m_{012}^{(22)}+4m_{100}^{(00)}m_{100}^{(10)}m_{011}^{(21)}m_{012}^{(21)}-2m_{100}^{(00)}m_{100}^{(10)}m_{011}^{(22)}m_{012}^{(11)}\\
&+m_{100}^{(00)}m_{100}^{(10)}m_{002}^{(11)}m_{021}^{(22)}-2m_{100}^{(00)}m_{100}^{(10)}m_{002}^{(21)}m_{021}^{(21)}+m_{100}^{(00)}m_{100}^{(10)}m_{002}^{(22)}m_{021}^{(11)}\\
&-m_{100}^{(00)}m_{100}^{(11)}m_{110}^{(11)}m_{003}^{(22)}+2m_{100}^{(00)}m_{100}^{(11)}m_{110}^{(21)}m_{003}^{(21)}-m_{100}^{(00)}m_{100}^{(11)}m_{110}^{(22)}m_{003}^{(11)}\\
&+m_{100}^{(00)}m_{100}^{(11)}m_{101}^{(11)}m_{012}^{(22)}-2m_{100}^{(00)}m_{100}^{(11)}m_{101}^{(21)}m_{012}^{(21)}+m_{100}^{(00)}m_{100}^{(11)}m_{101}^{(22)}m_{012}^{(11)}\\
&+m_{100}^{(00)}m_{100}^{(11)}m_{011}^{(11)}m_{102}^{(22)}-2m_{100}^{(00)}m_{100}^{(11)}m_{011}^{(21)}m_{102}^{(21)}+m_{100}^{(00)}m_{100}^{(11)}m_{011}^{(22)}m_{102}^{(11)}\\
&-m_{100}^{(00)}m_{100}^{(11)}m_{002}^{(11)}m_{111}^{(22)}+2m_{100}^{(00)}m_{100}^{(11)}m_{002}^{(21)}m_{111}^{(21)}-m_{100}^{(00)}m_{100}^{(11)}m_{002}^{(22)}m_{111}^{(11)}\\
&-m_{100}^{(00)}m_{100}^{(20)}m_{020}^{(11)}m_{012}^{(22)}+2m_{100}^{(00)}m_{100}^{(20)}m_{020}^{(21)}m_{012}^{(21)}-m_{100}^{(00)}m_{100}^{(20)}m_{020}^{(22)}m_{012}^{(11)}\\
&+2m_{100}^{(00)}m_{100}^{(20)}m_{011}^{(11)}m_{021}^{(22)}-4m_{100}^{(00)}m_{100}^{(20)}m_{011}^{(21)}m_{021}^{(21)}+2m_{100}^{(00)}m_{100}^{(20)}m_{011}^{(22)}m_{021}^{(11)}\\
&-m_{100}^{(00)}m_{100}^{(20)}m_{002}^{(11)}m_{030}^{(22)}+2m_{100}^{(00)}m_{100}^{(20)}m_{002}^{(21)}m_{030}^{(21)}-m_{100}^{(00)}m_{100}^{(20)}m_{002}^{(22)}m_{030}^{(11)}\\
&+2m_{100}^{(00)}m_{100}^{(21)}m_{110}^{(11)}m_{012}^{(22)}-4m_{100}^{(00)}m_{100}^{(21)}m_{110}^{(21)}m_{012}^{(21)}+2m_{100}^{(00)}m_{100}^{(21)}m_{110}^{(22)}m_{012}^{(11)}\\
&-2m_{100}^{(00)}m_{100}^{(21)}m_{101}^{(11)}m_{021}^{(22)}+4m_{100}^{(00)}m_{100}^{(21)}m_{101}^{(21)}m_{021}^{(21)}-2m_{100}^{(00)}m_{100}^{(21)}m_{101}^{(22)}m_{021}^{(11)}\\
&-m_{100}^{(00)}m_{100}^{(21)}m_{020}^{(11)}m_{102}^{(22)}+2m_{100}^{(00)}m_{100}^{(21)}m_{020}^{(21)}m_{102}^{(21)}-m_{100}^{(00)}m_{100}^{(21)}m_{020}^{(22)}m_{102}^{(11)}\\
&+m_{100}^{(00)}m_{100}^{(21)}m_{002}^{(11)}m_{120}^{(22)}-2m_{100}^{(00)}m_{100}^{(21)}m_{002}^{(21)}m_{120}^{(21)}+m_{100}^{(00)}m_{100}^{(21)}m_{002}^{(22)}m_{120}^{(11)}\\
&-m_{100}^{(00)}m_{100}^{(22)}m_{110}^{(11)}m_{021}^{(22)}+2m_{100}^{(00)}m_{100}^{(22)}m_{110}^{(21)}m_{021}^{(21)}-m_{100}^{(00)}m_{100}^{(22)}m_{110}^{(22)}m_{021}^{(11)}\\
&+m_{100}^{(00)}m_{100}^{(22)}m_{101}^{(11)}m_{030}^{(22)}-2m_{100}^{(00)}m_{100}^{(22)}m_{101}^{(21)}m_{030}^{(21)}+m_{100}^{(00)}m_{100}^{(22)}m_{101}^{(22)}m_{030}^{(11)}\\
&+m_{100}^{(00)}m_{100}^{(22)}m_{020}^{(11)}m_{111}^{(22)}-2m_{100}^{(00)}m_{100}^{(22)}m_{020}^{(21)}m_{111}^{(21)}+m_{100}^{(00)}m_{100}^{(22)}m_{020}^{(22)}m_{111}^{(11)}\\
&-m_{100}^{(00)}m_{100}^{(22)}m_{011}^{(11)}m_{120}^{(22)}+2m_{100}^{(00)}m_{100}^{(22)}m_{011}^{(21)}m_{120}^{(21)}-m_{100}^{(00)}m_{100}^{(22)}m_{011}^{(22)}m_{120}^{(11)}\\
&-m_{100}^{(00)}m_{010}^{(00)}m_{020}^{(11)}m_{003}^{(22)}+2m_{100}^{(00)}m_{010}^{(00)}m_{020}^{(21)}m_{003}^{(21)}-m_{100}^{(00)}m_{010}^{(00)}m_{020}^{(22)}m_{003}^{(11)}\\
&+2m_{100}^{(00)}m_{010}^{(00)}m_{011}^{(11)}m_{012}^{(22)}-4m_{100}^{(00)}m_{010}^{(00)}m_{011}^{(21)}m_{012}^{(21)}+2m_{100}^{(00)}m_{010}^{(00)}m_{011}^{(22)}m_{012}^{(11)}\\
&-m_{100}^{(00)}m_{010}^{(00)}m_{002}^{(11)}m_{021}^{(22)}+2m_{100}^{(00)}m_{010}^{(00)}m_{002}^{(21)}m_{021}^{(21)}-m_{100}^{(00)}m_{010}^{(00)}m_{002}^{(22)}m_{021}^{(11)}\\
&-m_{100}^{(00)}m_{010}^{(10)}m_{110}^{(11)}m_{003}^{(22)}+2m_{100}^{(00)}m_{010}^{(10)}m_{110}^{(21)}m_{003}^{(21)}-m_{100}^{(00)}m_{010}^{(10)}m_{110}^{(22)}m_{003}^{(11)}\\
&+m_{100}^{(00)}m_{010}^{(10)}m_{101}^{(11)}m_{012}^{(22)}-2m_{100}^{(00)}m_{010}^{(10)}m_{101}^{(21)}m_{012}^{(21)}+m_{100}^{(00)}m_{010}^{(10)}m_{101}^{(22)}m_{012}^{(11)}\\
&+2m_{100}^{(00)}m_{010}^{(10)}m_{020}^{(10)}m_{003}^{(22)}-2m_{100}^{(00)}m_{010}^{(10)}m_{020}^{(20)}m_{003}^{(21)}-2m_{100}^{(00)}m_{010}^{(10)}m_{020}^{(21)}m_{003}^{(20)}\\
&+2m_{100}^{(00)}m_{010}^{(10)}m_{020}^{(22)}m_{003}^{(10)}-4m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(10)}m_{012}^{(22)}+m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(11)}m_{102}^{(22)}\\
&+4m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(20)}m_{012}^{(21)}-2m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{102}^{(21)}+4m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{012}^{(20)}\\
&+m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(22)}m_{102}^{(11)}-4m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(22)}m_{012}^{(10)}+2m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(10)}m_{021}^{(22)}\\
&-m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(11)}m_{111}^{(22)}-2m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(20)}m_{021}^{(21)}+2m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(21)}m_{111}^{(21)}\\
&-2m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(21)}m_{021}^{(20)}-m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(22)}m_{111}^{(11)}+2m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(22)}m_{021}^{(10)}\\
&+m_{100}^{(00)}m_{010}^{(11)}m_{200}^{(11)}m_{003}^{(22)}-2m_{100}^{(00)}m_{010}^{(11)}m_{200}^{(21)}m_{003}^{(21)}+m_{100}^{(00)}m_{010}^{(11)}m_{200}^{(22)}m_{003}^{(11)}\\
&-2m_{100}^{(00)}m_{010}^{(11)}m_{101}^{(11)}m_{102}^{(22)}+4m_{100}^{(00)}m_{010}^{(11)}m_{101}^{(21)}m_{102}^{(21)}-2m_{100}^{(00)}m_{010}^{(11)}m_{101}^{(22)}m_{102}^{(11)}\\
&-m_{100}^{(00)}m_{010}^{(11)}m_{020}^{(00)}m_{003}^{(22)}+2m_{100}^{(00)}m_{010}^{(11)}m_{020}^{(20)}m_{003}^{(20)}-m_{100}^{(00)}m_{010}^{(11)}m_{020}^{(22)}m_{003}^{(00)}\\
&+2m_{100}^{(00)}m_{010}^{(11)}m_{011}^{(00)}m_{012}^{(22)}-4m_{100}^{(00)}m_{010}^{(11)}m_{011}^{(20)}m_{012}^{(20)}+2m_{100}^{(00)}m_{010}^{(11)}m_{011}^{(22)}m_{012}^{(00)}\\
&-m_{100}^{(00)}m_{010}^{(11)}m_{002}^{(00)}m_{021}^{(22)}+m_{100}^{(00)}m_{010}^{(11)}m_{002}^{(11)}m_{201}^{(22)}+2m_{100}^{(00)}m_{010}^{(11)}m_{002}^{(20)}m_{021}^{(20)}\\
&-2m_{100}^{(00)}m_{010}^{(11)}m_{002}^{(21)}m_{201}^{(21)}+m_{100}^{(00)}m_{010}^{(11)}m_{002}^{(22)}m_{201}^{(11)}-m_{100}^{(00)}m_{010}^{(11)}m_{002}^{(22)}m_{021}^{(00)}\\
&+m_{100}^{(00)}m_{010}^{(20)}m_{110}^{(11)}m_{012}^{(22)}-2m_{100}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{012}^{(21)}+m_{100}^{(00)}m_{010}^{(20)}m_{110}^{(22)}m_{012}^{(11)}\\
&-m_{100}^{(00)}m_{010}^{(20)}m_{101}^{(11)}m_{021}^{(22)}+2m_{100}^{(00)}m_{010}^{(20)}m_{101}^{(21)}m_{021}^{(21)}-m_{100}^{(00)}m_{010}^{(20)}m_{101}^{(22)}m_{021}^{(11)}\\
&-2m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(10)}m_{003}^{(21)}+2m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(11)}m_{003}^{(20)}+2m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(20)}m_{003}^{(11)}\\
&-2m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(21)}m_{003}^{(10)}+4m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(10)}m_{012}^{(21)}-m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(11)}m_{111}^{(22)}
\end{aligned}
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\begin{aligned}
&-4m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(11)}m_{012}^{(20)} - 4m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(20)}m_{012}^{(11)} + 2m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(21)}\\
&+4m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{012}^{(10)} - m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(22)}m_{111}^{(11)} - 2m_{100}^{(00)}m_{010}^{(20)}m_{010}^{(10)}m_{002}^{(21)}m_{021}\\
&+m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(11)}m_{120}^{(22)} + 2m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(11)}m_{021}^{(20)} + 2m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(20)}m_{021}^{(11)}\\
&-2m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{120}^{(21)} - 2m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{021}^{(10)} + m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(22)}m_{120}^{(11)}\\
&-2m_{100}^{(00)}m_{010}^{(21)}m_{200}^{(11)}m_{012}^{(22)} + 4m_{100}^{(00)}m_{010}^{(21)}m_{200}^{(21)}m_{012}^{(21)} - 2m_{100}^{(00)}m_{010}^{(21)}m_{200}^{(22)}m_{012}^{(11)}\\
&+m_{100}^{(00)}m_{010}^{(21)}m_{110}^{(11)}m_{102}^{(22)} - 2m_{100}^{(00)}m_{010}^{(21)}m_{110}^{(21)}m_{102}^{(21)} + m_{100}^{(00)}m_{010}^{(21)}m_{110}^{(22)}m_{102}^{(11)}\\
&+3m_{100}^{(00)}m_{010}^{(21)}m_{101}^{(11)}m_{111}^{(22)} - 6m_{100}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(21)} + 3m_{100}^{(00)}m_{010}^{(21)}m_{101}^{(22)}m_{111}^{(11)}\\
&+2m_{100}^{(00)}m_{010}^{(21)}m_{020}^{(00)}m_{003}^{(21)} - 2m_{100}^{(00)}m_{010}^{(21)}m_{020}^{(10)}m_{003}^{(20)} - 2m_{100}^{(00)}m_{010}^{(21)}m_{020}^{(20)}m_{003}^{(10)}\\
&+2m_{100}^{(00)}m_{010}^{(21)}m_{020}^{(21)}m_{003}^{(00)} - 4m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(00)}m_{012}^{(21)} + 4m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(10)}m_{012}^{(20)}\\
&-m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(11)}m_{201}^{(22)} + 4m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{012}^{(10)} + 2m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(21)}\\
&-4m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{012}^{(00)} - m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{201}^{(11)} + 2m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(00)}m_{021}^{(21)}\\
&-2m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(10)}m_{021}^{(20)} - m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(11)}m_{210}^{(22)} - 2m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(20)}m_{021}^{(10)}\\
&+2m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(21)}m_{210}^{(21)} + 2m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(21)}m_{021}^{(00)} - m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(22)}m_{210}^{(11)}\\
&+m_{100}^{(00)}m_{010}^{(22)}m_{200}^{(11)}m_{021}^{(22)} - 2m_{100}^{(00)}m_{010}^{(22)}m_{200}^{(21)}m_{021}^{(21)} + m_{100}^{(00)}m_{010}^{(22)}m_{200}^{(22)}m_{021}^{(11)}\\
&-m_{100}^{(00)}m_{010}^{(22)}m_{110}^{(11)}m_{111}^{(22)} + 2m_{100}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(21)} - m_{100}^{(00)}m_{010}^{(22)}m_{110}^{(22)}m_{111}^{(11)}\\
&-m_{100}^{(00)}m_{010}^{(22)}m_{101}^{(11)}m_{120}^{(22)} + 2m_{100}^{(00)}m_{010}^{(22)}m_{101}^{(21)}m_{120}^{(21)} - m_{100}^{(00)}m_{010}^{(22)}m_{101}^{(22)}m_{120}^{(11)}\\
&-m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(00)}m_{003}^{(11)} + 2m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(10)}m_{003}^{(10)} - m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(11)}m_{003}^{(00)}\\
&+2m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(00)}m_{012}^{(11)} - 4m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(10)}m_{012}^{(10)} + m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(11)}m_{012}^{(22)}\\
&+2m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(11)}m_{012}^{(00)} - 2m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{210}^{(21)} + m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(22)}m_{210}^{(11)}\\
&-m_{100}^{(00)}m_{010}^{(22)}m_{002}^{(00)}m_{021}^{(11)} + 2m_{100}^{(00)}m_{010}^{(22)}m_{002}^{(10)}m_{021}^{(10)} - m_{100}^{(00)}m_{010}^{(22)}m_{002}^{(11)}m_{021}^{(00)}\\
&+m_{100}^{(00)}m_{001}^{(00)}m_{020}^{(11)}m_{012}^{(22)} - 2m_{100}^{(00)}m_{001}^{(00)}m_{020}^{(21)}m_{012}^{(21)} + m_{100}^{(00)}m_{001}^{(00)}m_{020}^{(22)}m_{012}^{(11)}\\
&-2m_{100}^{(00)}m_{001}^{(00)}m_{011}^{(11)}m_{021}^{(22)} + 4m_{100}^{(00)}m_{001}^{(00)}m_{011}^{(21)}m_{021}^{(21)} - 2m_{100}^{(00)}m_{001}^{(00)}m_{011}^{(22)}m_{021}^{(11)}\\
&+m_{100}^{(00)}m_{001}^{(00)}m_{002}^{(11)}m_{030}^{(22)} - 2m_{100}^{(00)}m_{001}^{(00)}m_{002}^{(21)}m_{030}^{(21)} + m_{100}^{(00)}m_{001}^{(00)}m_{002}^{(22)}m_{030}^{(11)}\\
&+m_{100}^{(00)}m_{001}^{(10)}m_{110}^{(11)}m_{012}^{(22)} - 2m_{100}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(21)} + m_{100}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{012}^{(11)}\\
&-m_{100}^{(00)}m_{001}^{(10)}m_{101}^{(11)}m_{021}^{(22)} + 2m_{100}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(21)} - m_{100}^{(00)}m_{001}^{(10)}m_{101}^{(22)}m_{021}^{(11)}\\
&-2m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(10)}m_{012}^{(22)} - m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(11)}m_{102}^{(22)} + 2m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{012}^{(21)}\\
&+2m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{102}^{(21)} + 2m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{012}^{(20)} - m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{102}^{(11)}\\
&-2m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{012}^{(10)} + 4m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{021}^{(22)} + m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{111}^{(22)}\\
&-4m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{021}^{(21)} - 2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(21)} - 4m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{021}^{(20)}\\
&+m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{111}^{(11)} + 4m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{021}^{(10)} - 2m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{030}^{(22)}\\
&+2m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(20)}m_{030}^{(21)} + 2m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{030}^{(20)} - 2m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(22)}m_{030}^{(10)}\\
&-m_{100}^{(00)}m_{001}^{(11)}m_{200}^{(11)}m_{012}^{(22)} + 2m_{100}^{(00)}m_{001}^{(11)}m_{200}^{(21)}m_{012}^{(21)} - m_{100}^{(00)}m_{001}^{(11)}m_{200}^{(22)}m_{012}^{(11)}\\
&+m_{100}^{(00)}m_{001}^{(11)}m_{110}^{(11)}m_{102}^{(22)} - 2m_{100}^{(00)}m_{001}^{(11)}m_{110}^{(21)}m_{102}^{(21)} + m_{100}^{(00)}m_{001}^{(11)}m_{110}^{(22)}m_{102}^{(11)}\\
&+m_{100}^{(00)}m_{001}^{(11)}m_{101}^{(11)}m_{111}^{(22)} - 2m_{100}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(21)} + m_{100}^{(00)}m_{001}^{(11)}m_{101}^{(22)}m_{111}^{(11)}\\
&+m_{100}^{(00)}m_{001}^{(11)}m_{020}^{(00)}m_{012}^{(22)} - 2m_{100}^{(00)}m_{001}^{(11)}m_{020}^{(20)}m_{012}^{(20)} + m_{100}^{(00)}m_{001}^{(11)}m_{020}^{(22)}m_{012}^{(00)}\\
&-2m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(00)}m_{021}^{(22)} - m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(11)}m_{201}^{(22)} + 4m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{021}^{(20)}\\
&+2m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{201}^{(21)} - m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(22)}m_{201}^{(11)} - 2m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(22)}m_{021}^{(00)}\\
&+m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(00)}m_{030}^{(22)} - 2m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(20)}m_{030}^{(20)} + m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(22)}m_{030}^{(00)}
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&-m_{100}^{(00)}m_{001}^{(20)}m_{110}^{(11)}m_{021}^{(22)}+2m_{100}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(21)}-m_{100}^{(00)}m_{001}^{(20)}m_{110}^{(22)}m_{021}^{(11)}\\
&+m_{100}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{030}^{(22)}-2m_{100}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{030}^{(21)}+m_{100}^{(00)}m_{001}^{(20)}m_{101}^{(22)}m_{030}^{(11)}\\
&+2m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{012}^{(21)}+m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{111}^{(22)}-2m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{012}^{(20)}\\
&-2m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{012}^{(11)}-2m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(21)}+2m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{012}^{(10)}\\
&+m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(22)}m_{111}^{(11)}-4m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{021}^{(21)}-m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{120}^{(22)}\\
&+4m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{021}^{(20)}+4m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{021}^{(11)}+2m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(21)}\\
&-4m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{021}^{(10)}-m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(22)}m_{120}^{(11)}+2m_{100}^{(00)}m_{001}^{(20)}m_{002}^{(10)}m_{030}^{(21)}\\
&-2m_{100}^{(00)}m_{001}^{(20)}m_{002}^{(11)}m_{030}^{(20)}-2m_{100}^{(00)}m_{001}^{(20)}m_{002}^{(20)}m_{030}^{(11)}+2m_{100}^{(00)}m_{001}^{(20)}m_{002}^{(21)}m_{030}^{(10)}\\
&+2m_{100}^{(00)}m_{001}^{(21)}m_{200}^{(11)}m_{021}^{(22)}-4m_{100}^{(00)}m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(21)}+2m_{100}^{(00)}m_{001}^{(21)}m_{200}^{(22)}m_{021}^{(11)}\\
&-3m_{100}^{(00)}m_{001}^{(21)}m_{110}^{(11)}m_{111}^{(22)}+6m_{100}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(21)}-3m_{100}^{(00)}m_{001}^{(21)}m_{110}^{(22)}m_{111}^{(11)}\\
&-m_{100}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{120}^{(22)}+2m_{100}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(21)}-m_{100}^{(00)}m_{001}^{(21)}m_{101}^{(22)}m_{120}^{(11)}\\
&-2m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(00)}m_{012}^{(21)}+2m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{012}^{(20)}+m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(11)}m_{201}^{(22)}\\
&+2m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{012}^{(10)}-2m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{201}^{(20)}-2m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{012}^{(00)}\\
&+m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{201}^{(11)}+4m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(00)}m_{021}^{(21)}-4m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{021}^{(20)}\\
&+m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{210}^{(22)}-4m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{021}^{(10)}-2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(21)}\\
&+4m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{021}^{(00)}+m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(22)}m_{210}^{(11)}-2m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(00)}m_{030}^{(21)}\\
&+2m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(10)}m_{030}^{(20)}+2m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(20)}m_{030}^{(10)}-2m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(21)}m_{030}^{(00)}\\
&-m_{100}^{(00)}m_{001}^{(22)}m_{200}^{(11)}m_{030}^{(22)}+2m_{100}^{(00)}m_{001}^{(22)}m_{200}^{(21)}m_{030}^{(21)}-m_{100}^{(00)}m_{001}^{(22)}m_{200}^{(22)}m_{030}^{(11)}\\
&+2m_{100}^{(00)}m_{001}^{(22)}m_{110}^{(11)}m_{120}^{(22)}-4m_{100}^{(00)}m_{001}^{(22)}m_{110}^{(21)}m_{120}^{(21)}+2m_{100}^{(00)}m_{001}^{(22)}m_{110}^{(22)}m_{120}^{(11)}\\
&+m_{100}^{(00)}m_{001}^{(22)}m_{020}^{(00)}m_{012}^{(11)}-2m_{100}^{(00)}m_{001}^{(22)}m_{020}^{(10)}m_{012}^{(10)}-m_{100}^{(00)}m_{001}^{(22)}m_{020}^{(11)}m_{210}^{(22)}\\
&+m_{100}^{(00)}m_{001}^{(22)}m_{020}^{(11)}m_{012}^{(00)}+2m_{100}^{(00)}m_{001}^{(22)}m_{020}^{(21)}m_{210}^{(21)}-m_{100}^{(00)}m_{001}^{(22)}m_{020}^{(22)}m_{210}^{(11)}\\
&-2m_{100}^{(00)}m_{001}^{(22)}m_{011}^{(00)}m_{021}^{(11)}+4m_{100}^{(00)}m_{001}^{(22)}m_{011}^{(10)}m_{021}^{(10)}-2m_{100}^{(00)}m_{001}^{(22)}m_{011}^{(11)}m_{021}^{(00)}\\
&+m_{100}^{(00)}m_{001}^{(22)}m_{002}^{(00)}m_{030}^{(11)}-2m_{100}^{(00)}m_{001}^{(22)}m_{002}^{(10)}m_{030}^{(10)}+m_{100}^{(00)}m_{001}^{(22)}m_{002}^{(11)}m_{030}^{(00)}\\
&-2(m_{100}^{(10)})^2m_{020}^{(10)}m_{003}^{(22)}+2(m_{100}^{(10)})^2m_{020}^{(20)}m_{003}^{(21)}+2(m_{100}^{(10)})^2m_{020}^{(21)}m_{003}^{(20)}\\
&-2(m_{100}^{(10)})^2m_{020}^{(22)}m_{003}^{(10)}+4(m_{100}^{(10)})^2m_{011}^{(10)}m_{012}^{(22)}-4(m_{100}^{(10)})^2m_{011}^{(20)}m_{012}^{(21)}\\
&-4(m_{100}^{(10)})^2m_{011}^{(21)}m_{012}^{(20)}+4(m_{100}^{(10)})^2m_{011}^{(22)}m_{012}^{(10)}-2(m_{100}^{(10)})^2m_{002}^{(10)}m_{021}^{(22)}\\
&+2(m_{100}^{(10)})^2m_{002}^{(20)}m_{021}^{(21)}+2(m_{100}^{(10)})^2m_{002}^{(21)}m_{021}^{(20)}-2(m_{100}^{(10)})^2m_{002}^{(22)}m_{021}^{(10)}\\
&+2m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(10)}m_{003}^{(22)}-2m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(20)}m_{003}^{(21)}-2m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(21)}m_{003}^{(20)}\\
&+2m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(22)}m_{003}^{(10)}-2m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(10)}m_{012}^{(22)}+2m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(20)}m_{012}^{(21)}\\
&+2m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(21)}m_{012}^{(20)}-2m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(22)}m_{012}^{(10)}+m_{100}^{(10)}m_{100}^{(11)}m_{020}^{(00)}m_{003}^{(22)}\\
&-2m_{100}^{(10)}m_{100}^{(11)}m_{020}^{(20)}m_{003}^{(20)}+m_{100}^{(10)}m_{100}^{(11)}m_{020}^{(22)}m_{003}^{(00)}-2m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(00)}m_{012}^{(22)}\\
&-2m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(10)}m_{102}^{(22)}+2m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(20)}m_{102}^{(21)}+4m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(20)}m_{012}^{(20)}\\
&+2m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(21)}m_{102}^{(20)}-2m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(22)}m_{102}^{(10)}-2m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(22)}m_{012}^{(00)}\\
&+m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(00)}m_{021}^{(22)}+2m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(10)}m_{111}^{(22)}-2m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(20)}m_{111}^{(21)}\\
&-2m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(20)}m_{021}^{(20)}-2m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(21)}m_{111}^{(20)}+2m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(22)}m_{111}^{(10)}\\
&+m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(22)}m_{021}^{(00)}+2m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(10)}m_{012}^{(22)}+2m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(10)}m_{003}^{(21)}\\
&-2m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(11)}m_{003}^{(20)}-2m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(20)}m_{012}^{(21)}-2m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(20)}m_{003}^{(11)}\\
&-2m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(21)}m_{012}^{(20)}+2m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(21)}m_{003}^{(10)}+2m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(22)}m_{012}^{(10)}
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&-4m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(10)}m_{021}^{(22)} - 4m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(10)}m_{012}^{(21)} + 4m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(11)}m_{012}^{(20)}\\
&+4m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(20)}m_{021}^{(21)} + 4m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(20)}m_{012}^{(11)} + 4m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{021}^{(20)}\\
&-4m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{012}^{(10)} - 4m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(22)}m_{021}^{(10)} + 2m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(10)}m_{030}^{(22)}\\
&+2m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(10)}m_{021}^{(21)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(11)}m_{021}^{(20)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(20)}m_{030}^{(21)}\\
&-2m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(20)}m_{021}^{(11)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(21)}m_{030}^{(20)} + 2m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(21)}m_{021}^{(10)}\\
&+2m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(22)}m_{030}^{(10)} - 4m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(10)}m_{012}^{(22)} + 4m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(20)}m_{012}^{(21)}\\
&+4m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{012}^{(20)} - 4m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(22)}m_{012}^{(10)} + 4m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(10)}m_{021}^{(22)}\\
&-4m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(20)}m_{021}^{(21)} - 4m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{021}^{(20)} + 4m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(22)}m_{021}^{(10)}\\
&-2m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(00)}m_{003}^{(21)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(10)}m_{102}^{(22)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(10)}m_{003}^{(20)}\\
&-2m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(20)}m_{102}^{(21)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(20)}m_{003}^{(10)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(21)}m_{102}^{(20)}\\
&-2m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(21)}m_{003}^{(00)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(22)}m_{102}^{(10)} + 4m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(00)}m_{012}^{(21)}\\
&-4m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{012}^{(20)} - 4m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{012}^{(10)} + 4m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{012}^{(00)}\\
&-2m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(00)}m_{021}^{(21)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{120}^{(22)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{021}^{(20)}\\
&+2m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(20)}m_{120}^{(21)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(20)}m_{021}^{(10)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(21)}m_{120}^{(20)}\\
&-2m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(21)}m_{021}^{(00)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(22)}m_{120}^{(10)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(10)}m_{021}^{(22)}\\
&-2m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(20)}m_{021}^{(21)} - 2m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{021}^{(20)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(22)}m_{021}^{(10)}\\
&-2m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(10)}m_{030}^{(22)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(20)}m_{030}^{(21)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(21)}m_{030}^{(20)}\\
&-2m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(22)}m_{030}^{(10)} + m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(00)}m_{003}^{(11)} - 2m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(10)}m_{111}^{(22)}\\
&-2m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(10)}m_{003}^{(10)} + m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(11)}m_{003}^{(00)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(20)}m_{111}^{(21)}\\
&+2m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(21)}m_{111}^{(20)} - 2m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(22)}m_{111}^{(10)} - 2m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(00)}m_{012}^{(11)}\\
&+2m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(10)}m_{120}^{(22)} + 4m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(10)}m_{012}^{(10)} - 2m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(11)}m_{012}^{(00)}\\
&-2m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(20)}m_{120}^{(21)} - 2m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(21)}m_{120}^{(20)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(22)}m_{120}^{(10)}\\
&+m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(00)}m_{021}^{(11)} - 2m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(10)}m_{021}^{(10)} + m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(11)}m_{021}^{(00)}\\
&+m_{100}^{(10)}m_{010}^{(00)}m_{110}^{(11)}m_{003}^{(22)} - 2m_{100}^{(10)}m_{010}^{(00)}m_{110}^{(21)}m_{003}^{(21)} + m_{100}^{(10)}m_{010}^{(00)}m_{110}^{(22)}m_{003}^{(11)}\\
&-m_{100}^{(10)}m_{010}^{(00)}m_{101}^{(11)}m_{012}^{(22)} + 2m_{100}^{(10)}m_{010}^{(00)}m_{101}^{(21)}m_{012}^{(21)} - m_{100}^{(10)}m_{010}^{(00)}m_{101}^{(22)}m_{012}^{(11)}\\
&-m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(11)}m_{102}^{(22)} + 2m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{102}^{(21)} - m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(22)}m_{102}^{(11)}\\
&+m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(11)}m_{111}^{(22)} - 2m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(21)}m_{111}^{(21)} + m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(22)}m_{111}^{(11)}\\
&-2m_{100}^{(10)}m_{010}^{(11)}m_{200}^{(10)}m_{003}^{(22)} + 2m_{100}^{(10)}m_{010}^{(11)}m_{200}^{(20)}m_{003}^{(21)} + 2m_{100}^{(10)}m_{010}^{(11)}m_{200}^{(21)}m_{003}^{(20)}\\
&-2m_{100}^{(10)}m_{010}^{(11)}m_{200}^{(22)}m_{003}^{(10)} + m_{100}^{(10)}m_{010}^{(11)}m_{110}^{(00)}m_{003}^{(22)} - 2m_{100}^{(10)}m_{010}^{(11)}m_{110}^{(20)}m_{003}^{(20)}\\
&+m_{100}^{(10)}m_{010}^{(11)}m_{110}^{(22)}m_{003}^{(00)} - m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(00)}m_{012}^{(22)} + 4m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(10)}m_{102}^{(22)}\\
&-4m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{102}^{(21)} + 2m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{012}^{(20)} - 4m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(21)}m_{102}^{(20)}\\
&+4m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(22)}m_{102}^{(10)} - m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(22)}m_{012}^{(00)} - m_{100}^{(10)}m_{010}^{(11)}m_{011}^{(00)}m_{102}^{(22)}\\
&+2m_{100}^{(10)}m_{010}^{(11)}m_{011}^{(20)}m_{102}^{(20)} - m_{100}^{(10)}m_{010}^{(11)}m_{011}^{(22)}m_{102}^{(00)} + m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(00)}m_{111}^{(22)}\\
&-2m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(10)}m_{201}^{(22)} + 2m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(20)}m_{201}^{(21)} - 2m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(20)}m_{111}^{(20)}\\
&+2m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(21)}m_{201}^{(20)} - 2m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(22)}m_{201}^{(10)} + m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(22)}m_{111}^{(00)}\\
&-2m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(10)}m_{012}^{(22)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(10)}m_{003}^{(21)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(11)}m_{003}^{(20)}\\
&+2m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(21)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{003}^{(11)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{012}^{(20)}\\
&+2m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{003}^{(10)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{012}^{(10)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{021}^{(22)}
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&-2m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{012}^{(21)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(11)}m_{012}^{(20)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(20)}m_{021}^{(21)}\\
&+2m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(20)}m_{012}^{(11)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{021}^{(20)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{012}^{(10)}\\
&+2m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{021}^{(10)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(22)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{102}^{(21)}\\
&+2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(11)}m_{102}^{(20)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(21)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{102}^{(11)}\\
&-2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(20)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{102}^{(10)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{111}^{(10)}\\
&-2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{120}^{(22)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{111}^{(21)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(11)}m_{111}^{(20)}\\
&+2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{120}^{(21)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{111}^{(11)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{120}^{(20)}\\
&+2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{111}^{(10)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(22)}m_{120}^{(10)} + 4m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(22)}\\
&-4m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(21)} - 4m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{012}^{(20)} + 4m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{012}^{(10)}\\
&-2m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(00)}m_{003}^{(21)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(10)}m_{102}^{(22)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(10)}m_{003}^{(20)}\\
&+2m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(21)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{003}^{(10)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(21)}m_{102}^{(20)}\\
&-2m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(21)}m_{003}^{(00)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{102}^{(10)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(00)}m_{012}^{(21)}\\
&-6m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(22)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{012}^{(20)} + 6m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(21)}\\
&-2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{012}^{(10)} + 6m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(20)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{012}^{(00)}\\
&-6m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{111}^{(10)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(00)}m_{102}^{(21)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(22)}\\
&-2m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(10)}m_{102}^{(20)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(21)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{102}^{(10)}\\
&-2m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(20)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(21)}m_{102}^{(00)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(22)}m_{201}^{(10)}\\
&-2m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(00)}m_{111}^{(21)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{210}^{(22)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{111}^{(20)}\\
&-2m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{210}^{(21)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{111}^{(10)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{210}^{(20)}\\
&-2m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{111}^{(00)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(22)}m_{210}^{(10)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(10)}m_{021}^{(22)}\\
&+2m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(21)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(21)}m_{021}^{(20)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(22)}m_{021}^{(10)}\\
&+m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(00)}m_{003}^{(11)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(22)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{003}^{(10)}\\
&+m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(11)}m_{003}^{(00)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(21)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(20)}\\
&+2m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(22)}m_{111}^{(10)} - m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(00)}m_{012}^{(11)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{120}^{(22)}\\
&+2m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{012}^{(10)} - m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(11)}m_{012}^{(00)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(21)}\\
&-2m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{120}^{(20)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(22)}m_{120}^{(10)} - m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{102}^{(11)}\\
&-2m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{210}^{(22)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{102}^{(10)} - m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(11)}m_{102}^{(00)}\\
&+2m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(21)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(21)}m_{210}^{(20)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(22)}m_{210}^{(10)}\\
&+m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(00)}m_{111}^{(11)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(10)}m_{111}^{(10)} + m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(11)}m_{111}^{(00)}\\
&-m_{100}^{(10)}m_{001}^{(00)}m_{110}^{(11)}m_{012}^{(22)} + 2m_{100}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(21)} - m_{100}^{(10)}m_{001}^{(00)}m_{110}^{(22)}m_{012}^{(11)}\\
&+m_{100}^{(10)}m_{001}^{(00)}m_{101}^{(11)}m_{021}^{(22)} - 2m_{100}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(21)} + m_{100}^{(10)}m_{001}^{(00)}m_{101}^{(22)}m_{021}^{(11)}\\
&-m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(11)}m_{102}^{(22)} + 2m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(21)} - m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(22)}m_{102}^{(11)}\\
&+3m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(11)}m_{111}^{(22)} - 6m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(21)} + 3m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(22)}m_{111}^{(11)}\\
&-2m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(11)}m_{120}^{(22)} + 4m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{120}^{(21)} - 2m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(22)}m_{120}^{(11)}\\
&+4m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(22)} - 4m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(21)} - 4m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(21)}m_{102}^{(20)}\\
&+4m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(22)}m_{102}^{(10)} - 8m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{111}^{(21)} + 8m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(21)}\\
&+8m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(20)} - 8m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{111}^{(10)} + 4m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{120}^{(22)}\\
&-4m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(21)} - 4m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{120}^{(20)} + 4m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(22)}m_{120}^{(10)}
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&+2m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(22)} - 2m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(21)} - 2m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{012}^{(20)}\\
&+2m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{012}^{(10)} - m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(00)}m_{012}^{(22)} - 2m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(22)}\\
&+2m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(21)} + 2m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{012}^{(20)} + 2m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(21)}m_{102}^{(20)}\\
&-2m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{102}^{(10)} - m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{012}^{(00)} + m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{021}^{(22)}\\
&-2m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(22)} + 2m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(21)} - 2m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{021}^{(20)}\\
&+2m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(20)} - 2m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{111}^{(10)} + m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{021}^{(00)}\\
&-m_{100}^{(10)}m_{001}^{(11)}m_{020}^{(00)}m_{102}^{(22)} + 2m_{100}^{(10)}m_{001}^{(11)}m_{020}^{(20)}m_{102}^{(20)} - m_{100}^{(10)}m_{001}^{(11)}m_{020}^{(22)}m_{102}^{(00)}\\
&+3m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{111}^{(22)} + 2m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(22)} - 2m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(21)}\\
&-6m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(20)} - 2m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(21)}m_{201}^{(20)} + 2m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(22)}m_{201}^{(10)}\\
&+3m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(22)}m_{111}^{(00)} - 2m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(00)}m_{120}^{(22)} + 4m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{120}^{(20)}\\
&-2m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(22)}m_{120}^{(00)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(22)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(21)}\\
&+2m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{012}^{(20)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(21)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{012}^{(11)}\\
&-2m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(20)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{012}^{(10)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{021}^{(10)}\\
&-2m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(22)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(21)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{021}^{(20)}\\
&+2m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(21)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{021}^{(11)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{030}^{(20)}\\
&+2m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{021}^{(10)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(22)}m_{030}^{(10)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(22)}\\
&-2m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(21)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(11)}m_{102}^{(20)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(21)}\\
&+2m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{102}^{(11)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(20)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{102}^{(10)}\\
&-2m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(22)}m_{111}^{(10)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(22)} + 6m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(21)}\\
&-6m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{111}^{(20)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(21)} - 6m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{111}^{(11)}\\
&-2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(20)} + 6m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{111}^{(10)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(22)}m_{120}^{(10)}\\
&-4m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{120}^{(21)} + 4m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(11)}m_{120}^{(20)} + 4m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(20)}m_{120}^{(11)}\\
&-4m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(21)}m_{120}^{(10)} - 4m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(22)} + 4m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(21)}\\
&+4m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(20)} - 4m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(22)}m_{021}^{(10)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{012}^{(21)}\\
&+6m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(22)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{012}^{(20)} - 6m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(21)}\\
&-2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{012}^{(10)} - 6m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(20)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{012}^{(00)}\\
&+6m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{111}^{(10)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{021}^{(21)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(22)}\\
&+2m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(20)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(21)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{021}^{(10)}\\
&-2m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(20)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{021}^{(00)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(22)}m_{120}^{(10)}\\
&+2m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{102}^{(21)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(22)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(10)}m_{102}^{(20)}\\
&+2m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(21)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{102}^{(10)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(21)}m_{201}^{(20)}\\
&+2m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(21)}m_{102}^{(00)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(22)}m_{201}^{(10)} - 6m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(21)}\\
&-2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(22)} + 6m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(20)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(21)}\\
&+6m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{111}^{(10)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(20)} - 6m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{111}^{(00)}\\
&-2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(22)}m_{210}^{(10)} + 4m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(00)}m_{120}^{(21)} - 4m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{120}^{(20)}\\
&-4m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(20)}m_{120}^{(10)} + 4m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(21)}m_{120}^{(00)} + 2m_{100}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(22)}\\
&-2m_{100}^{(10)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(21)} - 2m_{100}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{030}^{(20)} + 2m_{100}^{(10)}m_{001}^{(22)}m_{200}^{(22)}m_{030}^{(10)}\\
&-m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{012}^{(11)} - 4m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(22)} + 2m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{012}^{(10)}
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&-m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{012}^{(00)} + 4m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(21)} + 4m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{120}^{(20)}\\
&-4m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(22)}m_{120}^{(10)} + m_{100}^{(10)}m_{001}^{(22)}m_{101}^{(00)}m_{021}^{(11)} - 2m_{100}^{(10)}m_{001}^{(22)}m_{101}^{(10)}m_{021}^{(10)}\\
&+m_{100}^{(10)}m_{001}^{(22)}m_{101}^{(11)}m_{021}^{(00)} - m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{102}^{(11)} + 2m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(22)}\\
&+2m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{102}^{(10)} - m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(11)}m_{102}^{(00)} - 2m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(21)}\\
&-2m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(21)}m_{210}^{(20)} + 2m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(22)}m_{210}^{(10)} + 3m_{100}^{(10)}m_{001}^{(22)}m_{011}^{(00)}m_{111}^{(11)}\\
&-6m_{100}^{(10)}m_{001}^{(22)}m_{011}^{(10)}m_{111}^{(10)} + 3m_{100}^{(10)}m_{001}^{(22)}m_{011}^{(11)}m_{111}^{(00)} - 2m_{100}^{(10)}m_{001}^{(22)}m_{002}^{(00)}m_{120}^{(11)}\\
&+4m_{100}^{(10)}m_{001}^{(22)}m_{002}^{(10)}m_{120}^{(10)} - 2m_{100}^{(10)}m_{001}^{(22)}m_{002}^{(11)}m_{120}^{(00)} - (m_{100}^{(11)})^2m_{110}^{(00)}m_{003}^{(22)}\\
&+2(m_{100}^{(11)})^2m_{110}^{(20)}m_{003}^{(20)} - (m_{100}^{(11)})^2m_{110}^{(22)}m_{003}^{(00)} + (m_{100}^{(11)})^2m_{101}^{(00)}m_{012}^{(22)}\\
&-2(m_{100}^{(11)})^2m_{101}^{(20)}m_{012}^{(20)} + (m_{100}^{(11)})^2m_{101}^{(22)}m_{012}^{(00)} + (m_{100}^{(11)})^2m_{011}^{(00)}m_{102}^{(22)}\\
&-2(m_{100}^{(11)})^2m_{011}^{(20)}m_{102}^{(20)} + (m_{100}^{(11)})^2m_{011}^{(22)}m_{102}^{(00)} - (m_{100}^{(11)})^2m_{002}^{(00)}m_{111}^{(22)}\\
&+2(m_{100}^{(11)})^2m_{002}^{(20)}m_{111}^{(20)} - (m_{100}^{(11)})^2m_{002}^{(22)}m_{111}^{(00)} - 2m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(10)}m_{003}^{(21)}\\
&+2m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(11)}m_{003}^{(20)} + 2m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(20)}m_{003}^{(11)} - 2m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(21)}m_{003}^{(10)}\\
&+2m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(10)}m_{012}^{(21)} - 2m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(11)}m_{012}^{(20)} - 2m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(20)}m_{012}^{(11)}\\
&+2m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(21)}m_{012}^{(10)} - m_{100}^{(11)}m_{100}^{(20)}m_{020}^{(00)}m_{012}^{(22)} + 2m_{100}^{(11)}m_{100}^{(20)}m_{020}^{(20)}m_{012}^{(20)}\\
&-m_{100}^{(11)}m_{100}^{(20)}m_{020}^{(22)}m_{012}^{(00)} + 2m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(00)}m_{021}^{(22)} + 2m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(10)}m_{102}^{(21)}\\
&-2m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(11)}m_{102}^{(20)} - 2m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{102}^{(11)} - 4m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{021}^{(20)}\\
&+2m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(21)}m_{102}^{(10)} + 2m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(22)}m_{021}^{(00)} - m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(00)}m_{030}^{(22)}\\
&-2m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(10)}m_{111}^{(21)} + 2m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(11)}m_{111}^{(20)} + 2m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(20)}m_{111}^{(11)}\\
&+2m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(20)}m_{030}^{(20)} - 2m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(21)}m_{111}^{(10)} - m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(22)}m_{030}^{(00)}\\
&+2m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(00)}m_{012}^{(22)} + 2m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(00)}m_{003}^{(21)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(10)}m_{003}^{(20)}\\
&-4m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(20)}m_{012}^{(20)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(20)}m_{003}^{(10)} + 2m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(21)}m_{003}^{(00)}\\
&+2m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(22)}m_{012}^{(00)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(00)}m_{021}^{(22)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(00)}m_{012}^{(21)}\\
&+2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(10)}m_{012}^{(20)} + 4m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{021}^{(20)} + 2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{012}^{(10)}\\
&-2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(21)}m_{012}^{(00)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(22)}m_{021}^{(00)} - m_{100}^{(11)}m_{100}^{(21)}m_{020}^{(00)}m_{102}^{(22)}\\
&+2m_{100}^{(11)}m_{100}^{(21)}m_{020}^{(20)}m_{102}^{(20)} - m_{100}^{(11)}m_{100}^{(21)}m_{020}^{(22)}m_{102}^{(00)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(00)}m_{102}^{(21)}\\
&+2m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(10)}m_{102}^{(20)} + 2m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(20)}m_{102}^{(10)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(21)}m_{102}^{(00)}\\
&+m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(00)}m_{120}^{(22)} + 2m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(00)}m_{111}^{(21)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(10)}m_{111}^{(20)}\\
&-2m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(20)}m_{120}^{(20)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(20)}m_{111}^{(10)} + 2m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(21)}m_{111}^{(00)}\\
&+m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(22)}m_{120}^{(00)} - m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(00)}m_{021}^{(22)} - m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(00)}m_{003}^{(11)}\\
&+2m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(10)}m_{003}^{(10)} - m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(11)}m_{003}^{(00)} + 2m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(20)}m_{021}^{(20)}\\
&-m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(22)}m_{021}^{(00)} + m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(00)}m_{030}^{(22)} + m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(00)}m_{012}^{(11)}\\
&-2m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(10)}m_{012}^{(10)} + m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(11)}m_{012}^{(00)} - 2m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(20)}m_{030}^{(20)}\\
&+m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(22)}m_{030}^{(00)} + m_{100}^{(11)}m_{100}^{(22)}m_{020}^{(00)}m_{111}^{(22)} - 2m_{100}^{(11)}m_{100}^{(22)}m_{020}^{(20)}m_{111}^{(20)}\\
&+m_{100}^{(11)}m_{100}^{(22)}m_{020}^{(22)}m_{111}^{(00)} - m_{100}^{(11)}m_{100}^{(22)}m_{011}^{(00)}m_{120}^{(22)} + m_{100}^{(11)}m_{100}^{(22)}m_{011}^{(00)}m_{102}^{(11)}\\
&-2m_{100}^{(11)}m_{100}^{(22)}m_{011}^{(10)}m_{102}^{(10)} + m_{100}^{(11)}m_{100}^{(22)}m_{011}^{(11)}m_{102}^{(00)} + 2m_{100}^{(11)}m_{100}^{(22)}m_{011}^{(20)}m_{120}^{(20)}\\
&-m_{100}^{(11)}m_{100}^{(22)}m_{011}^{(22)}m_{120}^{(00)} - m_{100}^{(11)}m_{100}^{(22)}m_{002}^{(11)}m_{111}^{(11)} + 2m_{100}^{(11)}m_{100}^{(22)}m_{002}^{(10)}m_{111}^{(10)}\\
&-m_{100}^{(11)}m_{100}^{(22)}m_{002}^{(11)}m_{111}^{(00)} - m_{100}^{(11)}m_{010}^{(10)}m_{110}^{(00)}m_{003}^{(22)} + 2m_{100}^{(11)}m_{010}^{(10)}m_{110}^{(20)}m_{003}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(10)}m_{110}^{(22)}m_{003}^{(00)} + m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(00)}m_{012}^{(22)} - 2m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(20)}m_{012}^{(20)}
\end{aligned}
$$

$$
\begin{aligned}
&+m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(22)}m_{012}^{(00)}+m_{100}^{(11)}m_{010}^{(10)}m_{011}^{(00)}m_{102}^{(22)}-2m_{100}^{(11)}m_{010}^{(10)}m_{011}^{(20)}m_{102}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(10)}m_{011}^{(22)}m_{102}^{(00)}-m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(00)}m_{111}^{(22)}+2m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(20)}m_{111}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(22)}m_{111}^{(00)}+m_{100}^{(11)}m_{010}^{(11)}m_{200}^{(00)}m_{003}^{(22)}-2m_{100}^{(11)}m_{010}^{(11)}m_{200}^{(20)}m_{003}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(11)}m_{200}^{(22)}m_{003}^{(00)}-2m_{100}^{(11)}m_{010}^{(11)}m_{101}^{(00)}m_{102}^{(22)}+4m_{100}^{(11)}m_{010}^{(11)}m_{101}^{(20)}m_{102}^{(20)}\\
&-2m_{100}^{(11)}m_{010}^{(11)}m_{101}^{(22)}m_{102}^{(00)}+m_{100}^{(11)}m_{010}^{(11)}m_{002}^{(00)}m_{201}^{(22)}-2m_{100}^{(11)}m_{010}^{(11)}m_{002}^{(20)}m_{201}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(11)}m_{002}^{(22)}m_{201}^{(00)}+m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(00)}m_{012}^{(22)}-2m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(22)}m_{012}^{(00)}-m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(00)}m_{021}^{(22)}+2m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{021}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(22)}m_{021}^{(00)}-m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(00)}m_{111}^{(22)}+2m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(22)}m_{111}^{(00)}+m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(00)}m_{120}^{(22)}-2m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(20)}m_{120}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(22)}m_{120}^{(00)}-2m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(00)}m_{012}^{(22)}+4m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(20)}\\
&-2m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{012}^{(00)}+m_{100}^{(11)}m_{010}^{(21)}m_{110}^{(00)}m_{102}^{(22)}-2m_{100}^{(11)}m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(21)}m_{110}^{(22)}m_{102}^{(00)}+3m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(00)}m_{111}^{(22)}-6m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(20)}\\
&+3m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(22)}m_{111}^{(00)}-m_{100}^{(11)}m_{010}^{(21)}m_{011}^{(00)}m_{201}^{(22)}+2m_{100}^{(11)}m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(21)}m_{011}^{(22)}m_{201}^{(00)}-m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(00)}m_{210}^{(22)}+2m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(20)}m_{210}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(22)}m_{210}^{(00)}+m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(00)}m_{021}^{(22)}-2m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(22)}m_{021}^{(00)}-m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(00)}m_{111}^{(22)}+2m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(22)}m_{111}^{(00)}-m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(00)}m_{120}^{(22)}+2m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(22)}m_{120}^{(00)}+m_{100}^{(11)}m_{010}^{(22)}m_{011}^{(00)}m_{210}^{(22)}-2m_{100}^{(11)}m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(22)}m_{011}^{(22)}m_{210}^{(00)}+m_{100}^{(11)}m_{001}^{(00)}m_{110}^{(11)}m_{102}^{(22)}-2m_{100}^{(11)}m_{001}^{(00)}m_{110}^{(21)}m_{102}^{(21)}\\
&+m_{100}^{(11)}m_{001}^{(00)}m_{110}^{(22)}m_{102}^{(11)}-m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(11)}m_{111}^{(22)}+2m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(21)}m_{111}^{(21)}\\
&-m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(22)}m_{111}^{(11)}-m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(11)}m_{201}^{(22)}+2m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(21)}m_{201}^{(21)}\\
&-m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(22)}m_{201}^{(11)}+m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(11)}m_{210}^{(22)}-2m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(21)}m_{210}^{(21)}\\
&+m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(22)}m_{210}^{(11)}+m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(00)}m_{012}^{(22)}-2m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(22)}\\
&+2m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{102}^{(21)}-2m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(20)}+2m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(20)}\\
&-2m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(22)}m_{102}^{(10)}+m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(22)}m_{012}^{(00)}-m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(00)}m_{021}^{(22)}\\
&+2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(22)}-2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(21)}+2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(20)}\\
&-2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(20)}+2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{111}^{(10)}-m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{021}^{(00)}\\
&-m_{100}^{(11)}m_{001}^{(10)}m_{020}^{(00)}m_{102}^{(22)}+2m_{100}^{(11)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(20)}-m_{100}^{(11)}m_{001}^{(10)}m_{020}^{(22)}m_{102}^{(00)}\\
&+m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(00)}m_{111}^{(22)}+2m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(22)}-2m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(21)}\\
&-2m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(20)}-2m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(20)}+2m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(22)}m_{201}^{(10)}\\
&+m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(22)}m_{111}^{(00)}-2m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{210}^{(22)}+2m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{210}^{(21)}\\
&+2m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(21)}m_{210}^{(20)}-2m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(22)}m_{210}^{(10)}-m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(00)}m_{012}^{(22)}\\
&+2m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(20)}-m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(22)}m_{012}^{(00)}+2m_{100}^{(11)}m_{001}^{(11)}m_{110}^{(00)}m_{102}^{(22)}\\
&-4m_{100}^{(11)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(20)}+2m_{100}^{(11)}m_{001}^{(11)}m_{110}^{(22)}m_{102}^{(00)}-2m_{100}^{(11)}m_{001}^{(11)}m_{011}^{(00)}m_{201}^{(22)}\\
&+4m_{100}^{(11)}m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(20)}-2m_{100}^{(11)}m_{001}^{(11)}m_{011}^{(22)}m_{201}^{(00)}+m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(00)}m_{210}^{(22)}\\
&-2m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(20)}+m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(22)}m_{210}^{(00)}-m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(00)}m_{021}^{(22)}\\
&+2m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{102}^{(21)}-2m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(11)}m_{102}^{(20)}-2m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{102}^{(11)}\\
&+2m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(20)}+2m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{102}^{(10)}-m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(22)}m_{021}^{(00)}
\end{aligned}
$$

$$+m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{030}^{(22)} - 2m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(21)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(20)}$$
$$+2m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{111}^{(11)} - 2m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(20)} - 2m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{111}^{(10)}$$
$$+m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(22)}m_{030}^{(00)} + m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(22)} - 2m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(20)}$$
$$+m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(22)}m_{111}^{(00)} - m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(22)} - 2m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(21)}$$
$$+2m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(11)}m_{201}^{(20)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{201}^{(11)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(20)}$$
$$-2m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{201}^{(10)} - m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(22)}m_{120}^{(00)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(10)}m_{210}^{(21)}$$
$$-2m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(11)}m_{210}^{(20)} - 2m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(20)}m_{210}^{(11)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(21)}m_{210}^{(10)}$$
$$+2m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(22)} - 4m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(20)} + 2m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(22)}m_{021}^{(00)}$$
$$-3m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(22)} - 2m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{102}^{(21)} + 2m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(20)}$$
$$+6m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(20)} + 2m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{102}^{(10)} - 2m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(21)}m_{102}^{(00)}$$
$$-3m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(22)}m_{111}^{(00)} - m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(22)} + 2m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(21)}$$
$$-2m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(20)} + 2m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(20)} - 2m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{111}^{(10)}$$
$$+2m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{111}^{(00)} - m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(22)}m_{120}^{(00)} + m_{100}^{(11)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(22)}$$
$$-2m_{100}^{(11)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(20)} + m_{100}^{(11)}m_{001}^{(21)}m_{020}^{(22)}m_{201}^{(00)} + m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(22)}$$
$$+2m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{201}^{(21)} - 2m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(20)} - 2m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(20)}$$
$$-2m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{201}^{(10)} + 2m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(21)}m_{201}^{(00)} + m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(22)}m_{210}^{(00)}$$
$$-2m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(00)}m_{210}^{(21)} + 2m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(10)}m_{210}^{(20)} + 2m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(20)}m_{210}^{(10)}$$
$$-2m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(21)}m_{210}^{(00)} - m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(22)} + 2m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(20)}$$
$$-m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(22)}m_{030}^{(00)} + 2m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(22)} + m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{102}^{(11)}$$
$$-2m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{102}^{(10)} + m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(11)}m_{102}^{(00)} - 4m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(20)}$$
$$+2m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(22)}m_{120}^{(00)} - m_{100}^{(11)}m_{001}^{(22)}m_{101}^{(00)}m_{111}^{(11)} + 2m_{100}^{(11)}m_{001}^{(22)}m_{101}^{(10)}m_{111}^{(10)}$$
$$-m_{100}^{(11)}m_{001}^{(22)}m_{101}^{(11)}m_{111}^{(00)} - m_{100}^{(11)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(22)} + 2m_{100}^{(11)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(20)}$$
$$-m_{100}^{(11)}m_{001}^{(22)}m_{020}^{(22)}m_{210}^{(00)} - m_{100}^{(11)}m_{001}^{(22)}m_{011}^{(00)}m_{201}^{(11)} + 2m_{100}^{(11)}m_{001}^{(22)}m_{011}^{(10)}m_{201}^{(10)}$$
$$-m_{100}^{(11)}m_{001}^{(22)}m_{011}^{(11)}m_{201}^{(00)} + m_{100}^{(11)}m_{001}^{(22)}m_{002}^{(00)}m_{210}^{(11)} - 2m_{100}^{(11)}m_{001}^{(22)}m_{002}^{(10)}m_{210}^{(10)}$$
$$+m_{100}^{(11)}m_{001}^{(22)}m_{002}^{(11)}m_{210}^{(00)} - 2(m_{100}^{(20)})^2m_{020}^{(10)}m_{012}^{(21)} + 2(m_{100}^{(20)})^2m_{020}^{(11)}m_{012}^{(20)}$$
$$+2(m_{100}^{(20)})^2m_{020}^{(20)}m_{012}^{(11)} - 2(m_{100}^{(20)})^2m_{020}^{(21)}m_{012}^{(10)} + 4(m_{100}^{(20)})^2m_{011}^{(10)}m_{021}^{(21)}$$
$$-4(m_{100}^{(20)})^2m_{011}^{(11)}m_{021}^{(20)} - 4(m_{100}^{(20)})^2m_{011}^{(20)}m_{021}^{(11)} + 4(m_{100}^{(20)})^2m_{011}^{(21)}m_{021}^{(10)}$$
$$-2(m_{100}^{(20)})^2m_{002}^{(10)}m_{030}^{(21)} + 2(m_{100}^{(20)})^2m_{002}^{(11)}m_{030}^{(20)} + 2(m_{100}^{(20)})^2m_{002}^{(20)}m_{030}^{(11)}$$
$$-2(m_{100}^{(20)})^2m_{002}^{(21)}m_{030}^{(10)} + 4m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(10)}m_{012}^{(21)} - 4m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(11)}m_{012}^{(20)}$$
$$-4m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(20)}m_{012}^{(11)} + 4m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{012}^{(10)} - 4m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(10)}m_{021}^{(21)}$$
$$+4m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{021}^{(20)} + 4m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(20)}m_{021}^{(11)} - 4m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{021}^{(10)}$$
$$+2m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(00)}m_{012}^{(21)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(10)}m_{102}^{(21)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(10)}m_{012}^{(20)}$$
$$+2m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(11)}m_{102}^{(20)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{102}^{(11)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{012}^{(10)}$$
$$-2m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(21)}m_{102}^{(10)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(21)}m_{012}^{(00)} - 4m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(00)}m_{021}^{(21)}$$
$$+4m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{021}^{(20)} + 4m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(20)}m_{021}^{(10)} - 4m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(21)}m_{021}^{(00)}$$
$$+2m_{100}^{(20)}m_{100}^{(21)}m_{002}^{(00)}m_{030}^{(21)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{002}^{(10)}m_{120}^{(21)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{002}^{(10)}m_{030}^{(20)}$$
$$-2m_{100}^{(20)}m_{100}^{(21)}m_{002}^{(11)}m_{120}^{(20)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{002}^{(20)}m_{120}^{(11)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{002}^{(20)}m_{030}^{(10)}$$
$$+2m_{100}^{(20)}m_{100}^{(21)}m_{002}^{(21)}m_{120}^{(10)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{002}^{(21)}m_{030}^{(00)} - 2m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(10)}m_{021}^{(21)}$$

$$+2m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(11)}m_{021}^{(20)}+2m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(20)}m_{021}^{(11)}-2m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(21)}m_{021}^{(10)}$$
$$+2m_{100}^{(20)}m_{100}^{(22)}m_{101}^{(10)}m_{030}^{(21)}-2m_{100}^{(20)}m_{100}^{(22)}m_{101}^{(11)}m_{030}^{(20)}-2m_{100}^{(20)}m_{100}^{(22)}m_{101}^{(20)}m_{030}^{(11)}$$
$$+2m_{100}^{(20)}m_{100}^{(22)}m_{101}^{(21)}m_{030}^{(10)}-m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(00)}m_{012}^{(11)}+2m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(10)}m_{111}^{(21)}$$
$$+2m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(10)}m_{012}^{(10)}-2m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(11)}m_{111}^{(20)}-m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(11)}m_{012}^{(00)}$$
$$-2m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(20)}m_{111}^{(11)}+2m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(21)}m_{111}^{(10)}+2m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(00)}m_{021}^{(11)}$$
$$-2m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(10)}m_{120}^{(21)}-4m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(10)}m_{021}^{(10)}+2m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(11)}m_{120}^{(20)}$$
$$+2m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(11)}m_{021}^{(00)}+2m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(20)}m_{120}^{(11)}-2m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(21)}m_{120}^{(10)}$$
$$-m_{100}^{(20)}m_{100}^{(22)}m_{002}^{(00)}m_{030}^{(11)}+2m_{100}^{(20)}m_{100}^{(22)}m_{002}^{(10)}m_{030}^{(10)}-m_{100}^{(20)}m_{100}^{(22)}m_{002}^{(11)}m_{030}^{(00)}$$
$$-m_{100}^{(20)}m_{010}^{(00)}m_{110}^{(11)}m_{012}^{(22)}+2m_{100}^{(20)}m_{010}^{(00)}m_{110}^{(21)}m_{012}^{(21)}-m_{100}^{(20)}m_{010}^{(00)}m_{110}^{(22)}m_{012}^{(11)}$$
$$+m_{100}^{(20)}m_{010}^{(00)}m_{101}^{(11)}m_{021}^{(22)}-2m_{100}^{(20)}m_{010}^{(00)}m_{101}^{(21)}m_{021}^{(21)}+m_{100}^{(20)}m_{010}^{(00)}m_{101}^{(22)}m_{021}^{(11)}$$
$$+2m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(11)}m_{102}^{(22)}-4m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(21)}m_{102}^{(21)}+2m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(22)}m_{102}^{(11)}$$
$$-3m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(11)}m_{111}^{(22)}+6m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{111}^{(21)}-3m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(22)}m_{111}^{(11)}$$
$$+m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(11)}m_{120}^{(22)}-2m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(21)}m_{120}^{(21)}+m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(22)}m_{120}^{(11)}$$
$$+2m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(10)}m_{012}^{(22)}-2m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(10)}m_{003}^{(21)}+2m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(11)}m_{003}^{(20)}$$
$$-2m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(20)}m_{012}^{(21)}+2m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(20)}m_{003}^{(11)}-2m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{012}^{(20)}$$
$$-2m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{003}^{(10)}+2m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{012}^{(10)}-2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(10)}m_{021}^{(22)}$$
$$+2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(10)}m_{012}^{(21)}-2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(11)}m_{012}^{(20)}+2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(20)}m_{021}^{(21)}$$
$$-2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(20)}m_{012}^{(11)}+2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{021}^{(20)}+2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{012}^{(10)}$$
$$-2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(22)}m_{021}^{(10)}-4m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(10)}m_{102}^{(22)}+4m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(20)}m_{102}^{(21)}$$
$$+4m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(21)}m_{102}^{(20)}-4m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(22)}m_{102}^{(10)}+6m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{111}^{(22)}$$
$$+2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{102}^{(21)}-2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(11)}m_{102}^{(20)}-6m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{111}^{(21)}$$
$$-2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{102}^{(11)}-6m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{111}^{(20)}+2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{102}^{(10)}$$
$$+6m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(22)}m_{111}^{(10)}-2m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{120}^{(22)}-2m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{111}^{(21)}$$
$$+2m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(11)}m_{111}^{(20)}+2m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(20)}m_{120}^{(21)}+2m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(20)}m_{111}^{(11)}$$
$$+2m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(21)}m_{120}^{(20)}-2m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(21)}m_{111}^{(10)}-2m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(22)}m_{120}^{(10)}$$
$$+2m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(10)}m_{003}^{(21)}-2m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(11)}m_{003}^{(20)}-2m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(20)}m_{003}^{(11)}$$
$$+2m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(21)}m_{003}^{(10)}-m_{100}^{(20)}m_{010}^{(11)}m_{110}^{(00)}m_{012}^{(22)}+2m_{100}^{(20)}m_{010}^{(11)}m_{110}^{(20)}m_{012}^{(20)}$$
$$-m_{100}^{(20)}m_{010}^{(11)}m_{110}^{(22)}m_{012}^{(00)}+m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(00)}m_{021}^{(22)}-4m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(10)}m_{102}^{(21)}$$
$$+4m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(11)}m_{102}^{(20)}+4m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(20)}m_{102}^{(11)}-2m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(20)}m_{021}^{(20)}$$
$$-4m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(21)}m_{102}^{(10)}+m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(22)}m_{021}^{(00)}+2m_{100}^{(20)}m_{010}^{(11)}m_{020}^{(00)}m_{102}^{(22)}$$
$$-4m_{100}^{(20)}m_{010}^{(11)}m_{020}^{(20)}m_{102}^{(20)}+2m_{100}^{(20)}m_{010}^{(11)}m_{020}^{(22)}m_{102}^{(00)}-3m_{100}^{(20)}m_{010}^{(11)}m_{011}^{(00)}m_{111}^{(22)}$$
$$+6m_{100}^{(20)}m_{010}^{(11)}m_{011}^{(20)}m_{111}^{(20)}-3m_{100}^{(20)}m_{010}^{(11)}m_{011}^{(22)}m_{111}^{(00)}+m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(00)}m_{120}^{(22)}$$
$$+2m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(10)}m_{201}^{(21)}-2m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(11)}m_{201}^{(20)}-2m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(20)}m_{201}^{(11)}$$
$$-2m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(20)}m_{120}^{(20)}+2m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(21)}m_{201}^{(10)}+m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(22)}m_{120}^{(00)}$$
$$+4m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(10)}m_{102}^{(21)}-4m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(11)}m_{102}^{(20)}-4m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(20)}m_{102}^{(11)}$$
$$+4m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(21)}m_{102}^{(10)}-8m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(21)}+8m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(11)}m_{111}^{(20)}$$
$$+8m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(11)}-8m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(10)}+4m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(10)}m_{120}^{(21)}$$
$$-4m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(11)}m_{120}^{(20)}-4m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(20)}m_{120}^{(11)}+4m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(21)}m_{120}^{(10)}$$

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\begin{aligned}
&-4m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(21)} + 4m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(11)}m_{012}^{(20)} + 4m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(11)}\\
&-4m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{012}^{(10)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(00)}m_{012}^{(21)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{102}^{(21)}\\
&-2m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{012}^{(20)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(11)}m_{102}^{(20)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(11)}\\
&-2m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{012}^{(10)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{102}^{(10)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{012}^{(00)}\\
&-2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(00)}m_{021}^{(21)} + 6m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(21)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{021}^{(20)}\\
&-6m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(11)}m_{111}^{(20)} - 6m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(11)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{021}^{(10)}\\
&+6m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(10)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{021}^{(00)} - 4m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(00)}m_{102}^{(21)}\\
&+4m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(10)}m_{102}^{(20)} + 4m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(20)}m_{102}^{(10)} - 4m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(21)}m_{102}^{(00)}\\
&+6m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{111}^{(21)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(21)} - 6m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{111}^{(20)}\\
&+2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(11)}m_{201}^{(20)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(11)} - 6m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{111}^{(10)}\\
&-2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(10)} + 6m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{111}^{(21)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(00)}m_{120}^{(21)}\\
&-2m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(10)}m_{210}^{(21)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(10)}m_{120}^{(20)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(11)}m_{210}^{(20)}\\
&+2m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(20)}m_{210}^{(11)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(20)}m_{120}^{(10)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(21)}m_{210}^{(10)}\\
&-2m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(21)}m_{120}^{(00)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(10)}m_{021}^{(21)} - 2m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(11)}m_{021}^{(20)}\\
&-2m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(11)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{021}^{(10)} - m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(00)}m_{012}^{(11)}\\
&-2m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(21)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{012}^{(10)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(11)}m_{111}^{(20)}\\
&-m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(11)}m_{012}^{(00)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(11)} - 2m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(10)}\\
&+m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(00)}m_{021}^{(11)} - 2m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(10)}m_{120}^{(21)} - 2m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(10)}m_{021}^{(10)}\\
&+2m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(11)}m_{120}^{(20)} + m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(11)}m_{021}^{(00)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(11)}\\
&-2m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(21)}m_{120}^{(10)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(00)}m_{102}^{(11)} - 4m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(10)}m_{102}^{(10)}\\
&+2m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(11)}m_{102}^{(00)} - 3m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(00)}m_{111}^{(11)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{210}^{(21)}\\
&+6m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{111}^{(10)} - 2m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(11)}m_{210}^{(20)} - 3m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(11)}m_{111}^{(00)}\\
&-2m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(11)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(21)}m_{210}^{(10)} + m_{100}^{(20)}m_{010}^{(22)}m_{002}^{(00)}m_{120}^{(11)}\\
&-2m_{100}^{(20)}m_{010}^{(22)}m_{002}^{(10)}m_{120}^{(10)} + m_{100}^{(20)}m_{010}^{(22)}m_{002}^{(11)}m_{120}^{(00)} + m_{100}^{(20)}m_{001}^{(00)}m_{110}^{(11)}m_{021}^{(22)}\\
&-2m_{100}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{021}^{(21)} + m_{100}^{(20)}m_{001}^{(00)}m_{110}^{(22)}m_{021}^{(11)} - m_{100}^{(20)}m_{001}^{(00)}m_{101}^{(11)}m_{030}^{(22)}\\
&+2m_{100}^{(20)}m_{001}^{(00)}m_{101}^{(21)}m_{030}^{(21)} - m_{100}^{(20)}m_{001}^{(00)}m_{101}^{(22)}m_{030}^{(11)} - m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(11)}m_{111}^{(22)}\\
&+2m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{111}^{(21)} - m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(22)}m_{111}^{(11)} + m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{120}^{(22)}\\
&-2m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{120}^{(21)} + m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(22)}m_{120}^{(11)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{021}^{(22)}\\
&+2m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(21)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(11)}m_{012}^{(20)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(21)}\\
&-2m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(11)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{021}^{(20)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(10)}\\
&-2m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{021}^{(10)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{030}^{(22)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(21)}\\
&+2m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{021}^{(20)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{030}^{(21)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(11)}\\
&-2m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{030}^{(20)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(10)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(22)}m_{030}^{(10)}\\
&+2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{111}^{(22)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(21)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(11)}m_{102}^{(20)}\\
&-2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{111}^{(21)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(11)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{111}^{(20)}\\
&-2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{102}^{(10)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(22)}m_{111}^{(10)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{120}^{(22)}\\
&+2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(21)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{111}^{(20)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(21)}\\
&-2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(11)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{120}^{(20)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(10)}
\end{aligned}
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\begin{aligned}
&-2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(22)}m_{120}^{(10)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(21)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(11)}m_{012}^{(20)}\\
&+2m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(11)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(21)}m_{012}^{(10)} + m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(00)}m_{021}^{(22)}\\
&+2m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(21)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(11)}m_{102}^{(20)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(11)}\\
&-2m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{021}^{(20)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{102}^{(10)} + m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(22)}m_{021}^{(00)}\\
&-m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(00)}m_{030}^{(22)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(21)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(11)}m_{111}^{(20)}\\
&-2m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(11)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{030}^{(20)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(10)}\\
&-m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(22)}m_{030}^{(00)} - m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(00)}m_{111}^{(22)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(20)}m_{111}^{(20)}\\
&-m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(22)}m_{111}^{(00)} + m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(00)}m_{120}^{(22)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(21)}\\
&+2m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(11)}m_{201}^{(20)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(11)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{120}^{(20)}\\
&-2m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(21)}m_{201}^{(10)} + m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(22)}m_{120}^{(00)} + 4m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(21)}\\
&-4m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{021}^{(20)} - 4m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(11)} + 4m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(10)}\\
&-2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{021}^{(21)} - 6m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(21)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{021}^{(20)}\\
&+6m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{111}^{(20)} + 6m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(11)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{021}^{(10)}\\
&-6m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(10)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{021}^{(00)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(00)}m_{030}^{(21)}\\
&-2m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(21)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{030}^{(20)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{120}^{(20)}\\
&+2m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(11)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(20)}m_{030}^{(10)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(10)}\\
&+2m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(21)}m_{030}^{(00)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(21)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(21)}\\
&-2m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{111}^{(20)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(11)}m_{201}^{(20)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(11)}\\
&-2m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{111}^{(10)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{201}^{(10)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{111}^{(00)}\\
&-2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{120}^{(21)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(21)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{120}^{(20)}\\
&-2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{210}^{(20)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(11)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(20)}m_{120}^{(10)}\\
&+2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(10)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(21)}m_{120}^{(00)} - 2m_{100}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(21)}\\
&+2m_{100}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{030}^{(20)} + 2m_{100}^{(20)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(11)} - 2m_{100}^{(20)}m_{001}^{(22)}m_{200}^{(21)}m_{030}^{(10)}\\
&+m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{021}^{(11)} + 4m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(21)} - 2m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{021}^{(10)}\\
&-4m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{120}^{(20)} + m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{021}^{(00)} - 4m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(11)}\\
&+4m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(21)}m_{120}^{(10)} - m_{100}^{(20)}m_{001}^{(22)}m_{101}^{(00)}m_{030}^{(11)} + 2m_{100}^{(20)}m_{001}^{(22)}m_{101}^{(10)}m_{030}^{(10)}\\
&-m_{100}^{(20)}m_{001}^{(22)}m_{101}^{(11)}m_{030}^{(00)} - m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(11)} - 2m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(21)}\\
&+2m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{111}^{(10)} + 2m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(11)}m_{210}^{(20)} - m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(11)}m_{111}^{(00)}\\
&+2m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(11)} - 2m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(21)}m_{210}^{(10)} + m_{100}^{(20)}m_{001}^{(22)}m_{011}^{(00)}m_{120}^{(11)}\\
&-2m_{100}^{(20)}m_{001}^{(22)}m_{011}^{(10)}m_{120}^{(10)} + m_{100}^{(20)}m_{001}^{(22)}m_{011}^{(11)}m_{120}^{(00)} - 4(m_{100}^{(21)})^2m_{110}^{(00)}m_{012}^{(21)}\\
&+4(m_{100}^{(21)})^2m_{110}^{(10)}m_{012}^{(20)} + 4(m_{100}^{(21)})^2m_{110}^{(20)}m_{012}^{(10)} - 4(m_{100}^{(21)})^2m_{110}^{(21)}m_{012}^{(00)}\\
&+4(m_{100}^{(21)})^2m_{101}^{(00)}m_{021}^{(21)} - 4(m_{100}^{(21)})^2m_{101}^{(10)}m_{021}^{(20)} - 4(m_{100}^{(21)})^2m_{101}^{(20)}m_{021}^{(10)}\\
&+4(m_{100}^{(21)})^2m_{101}^{(21)}m_{021}^{(00)} + 2(m_{100}^{(21)})^2m_{020}^{(00)}m_{102}^{(21)} - 2(m_{100}^{(21)})^2m_{020}^{(10)}m_{102}^{(20)}\\
&-2(m_{100}^{(21)})^2m_{020}^{(20)}m_{102}^{(10)} + 2(m_{100}^{(21)})^2m_{020}^{(21)}m_{102}^{(00)} - 2(m_{100}^{(21)})^2m_{002}^{(00)}m_{120}^{(21)}\\
&+2(m_{100}^{(21)})^2m_{002}^{(10)}m_{120}^{(20)} + 2(m_{100}^{(21)})^2m_{002}^{(20)}m_{120}^{(10)} - 2(m_{100}^{(21)})^2m_{002}^{(21)}m_{120}^{(00)}\\
&+2m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(00)}m_{021}^{(21)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(00)}m_{012}^{(11)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{021}^{(20)}\\
&-4m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{012}^{(10)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(11)}m_{012}^{(00)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(20)}m_{021}^{(10)}\\
&+2m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(21)}m_{021}^{(00)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{101}^{(00)}m_{030}^{(21)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{101}^{(00)}m_{021}^{(11)}
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\begin{aligned}
&+2m_{100}^{(21)}m_{100}^{(22)}m_{101}^{(10)}m_{030}^{(20)} + 4m_{100}^{(21)}m_{100}^{(22)}m_{101}^{(10)}m_{021}^{(10)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{101}^{(11)}m_{021}^{(00)}\\
&+2m_{100}^{(21)}m_{100}^{(22)}m_{101}^{(20)}m_{030}^{(10)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{101}^{(21)}m_{030}^{(00)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{101}^{(00)}m_{020}^{(21)}m_{111}^{(21)}\\
&-m_{100}^{(21)}m_{100}^{(22)}m_{020}^{(00)}m_{102}^{(11)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{020}^{(10)}m_{111}^{(20)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{020}^{(10)}m_{102}^{(10)}\\
&-m_{100}^{(21)}m_{100}^{(22)}m_{020}^{(11)}m_{102}^{(00)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{020}^{(20)}m_{111}^{(10)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{020}^{(21)}m_{111}^{(00)}\\
&+2m_{100}^{(21)}m_{100}^{(22)}m_{011}^{(00)}m_{120}^{(21)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{011}^{(10)}m_{120}^{(20)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{011}^{(20)}m_{120}^{(10)}\\
&+2m_{100}^{(21)}m_{100}^{(22)}m_{011}^{(21)}m_{120}^{(00)} + m_{100}^{(21)}m_{100}^{(22)}m_{002}^{(00)}m_{120}^{(11)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{002}^{(10)}m_{120}^{(10)}\\
&+m_{100}^{(21)}m_{100}^{(22)}m_{002}^{(11)}m_{120}^{(00)} - m_{100}^{(21)}m_{010}^{(00)}m_{110}^{(11)}m_{102}^{(22)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{110}^{(21)}m_{102}^{(21)}\\
&-m_{100}^{(21)}m_{010}^{(00)}m_{110}^{(22)}m_{102}^{(11)} + m_{100}^{(21)}m_{010}^{(00)}m_{101}^{(11)}m_{111}^{(22)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{101}^{(21)}m_{111}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(00)}m_{101}^{(22)}m_{111}^{(11)} + m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(22)}m_{201}^{(11)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(21)}m_{201}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(22)}m_{201}^{(11)} - m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(11)}m_{210}^{(22)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(21)}m_{210}^{(21)}\\
&-m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(22)}m_{210}^{(11)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(00)}m_{003}^{(21)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(10)}m_{102}^{(22)}\\
&-2m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(10)}m_{003}^{(20)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{102}^{(21)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{003}^{(10)}\\
&-2m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(21)}m_{102}^{(20)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(21)}m_{003}^{(00)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(22)}m_{102}^{(10)}\\
&-2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(00)}m_{012}^{(21)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(10)}m_{111}^{(22)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(10)}m_{012}^{(20)}\\
&+2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{111}^{(21)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{012}^{(10)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(20)}\\
&-2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{012}^{(00)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(22)}m_{111}^{(10)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(00)}m_{102}^{(21)}\\
&-2m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(10)}m_{201}^{(22)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(10)}m_{102}^{(20)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{201}^{(21)}\\
&+2m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{102}^{(10)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(21)}m_{201}^{(20)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(21)}m_{102}^{(00)}\\
&-2m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(22)}m_{201}^{(10)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(00)}m_{111}^{(21)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{210}^{(22)}\\
&-2m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{111}^{(20)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(20)}m_{210}^{(21)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(20)}m_{111}^{(10)}\\
&-2m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(21)}m_{210}^{(20)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(21)}m_{111}^{(00)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(22)}m_{210}^{(10)}\\
&-2m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(00)}m_{003}^{(21)} + 2m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(10)}m_{003}^{(20)} + 2m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(20)}m_{003}^{(10)}\\
&-2m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(21)}m_{003}^{(00)} - m_{100}^{(21)}m_{010}^{(11)}m_{110}^{(00)}m_{102}^{(22)} + 2m_{100}^{(21)}m_{010}^{(11)}m_{110}^{(20)}m_{102}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(11)}m_{110}^{(22)}m_{102}^{(00)} + m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(00)}m_{111}^{(22)} + 4m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(00)}m_{102}^{(21)}\\
&-4m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(10)}m_{102}^{(20)} - 2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{111}^{(20)} - 4m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{102}^{(10)}\\
&+4m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(21)}m_{102}^{(00)} + m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(22)}m_{111}^{(00)} + m_{100}^{(21)}m_{010}^{(11)}m_{011}^{(00)}m_{201}^{(22)}\\
&-2m_{100}^{(21)}m_{010}^{(11)}m_{011}^{(20)}m_{201}^{(20)} + m_{100}^{(21)}m_{010}^{(11)}m_{011}^{(22)}m_{201}^{(00)} - m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(00)}m_{210}^{(22)}\\
&-2m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(00)}m_{201}^{(21)} + 2m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(10)}m_{201}^{(20)} + 2m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(20)}m_{210}^{(20)}\\
&+2m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(20)}m_{201}^{(10)} - 2m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(21)}m_{201}^{(00)} - m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(22)}m_{210}^{(00)}\\
&-2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(00)}m_{012}^{(21)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(10)}m_{102}^{(21)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(10)}m_{012}^{(20)}\\
&+2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(11)}m_{102}^{(20)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{102}^{(11)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(10)}\\
&-2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{102}^{(10)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{012}^{(00)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(00)}m_{021}^{(21)}\\
&+2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{111}^{(21)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{021}^{(20)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(11)}m_{111}^{(20)}\\
&-2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{111}^{(11)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{021}^{(10)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(10)}\\
&+2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{021}^{(00)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{111}^{(21)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{201}^{(21)}\\
&-2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(20)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(11)}m_{201}^{(20)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{201}^{(11)}\\
&-2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(10)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(21)}m_{201}^{(10)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(00)}\\
&-2m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(00)}m_{120}^{(21)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(10)}m_{210}^{(21)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(10)}m_{120}^{(20)}
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&+2m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(11)}m_{210}^{(20)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(20)}m_{210}^{(11)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(20)}m_{120}^{(10)}\\
&-2m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(21)}m_{210}^{(10)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(21)}m_{120}^{(00)} + 4m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(00)}m_{012}^{(21)}\\
&-4m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(20)} - 4m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(10)} + 4m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(21)}m_{012}^{(00)}\\
&-8m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{111}^{(21)} + 8m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(20)} + 8m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(10)}\\
&-8m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(00)} + 4m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(00)}m_{210}^{(21)} - 4m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(10)}m_{210}^{(20)}\\
&-4m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(20)}m_{210}^{(10)} + 4m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(21)}m_{210}^{(00)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(00)}m_{021}^{(21)}\\
&+2m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{021}^{(20)} + 2m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(10)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{021}^{(00)}\\
&+2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(00)}m_{111}^{(21)} - m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(00)}m_{102}^{(11)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(20)}\\
&+2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{102}^{(10)} - m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(11)}m_{102}^{(00)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(10)}\\
&+2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(00)} + 2m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(00)}m_{120}^{(21)} + m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(00)}m_{111}^{(11)}\\
&-2m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{120}^{(20)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(10)} + m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(11)}m_{111}^{(00)}\\
&-2m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(10)} + 2m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(21)}m_{120}^{(00)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{210}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{201}^{(11)} + 2m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(10)}m_{210}^{(20)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(10)}m_{201}^{(10)}\\
&+m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(11)}m_{201}^{(00)} + 2m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(10)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(21)}m_{210}^{(00)}\\
&-m_{100}^{(21)}m_{010}^{(22)}m_{002}^{(00)}m_{210}^{(11)} + 2m_{100}^{(21)}m_{010}^{(22)}m_{002}^{(10)}m_{210}^{(10)} - m_{100}^{(21)}m_{010}^{(22)}m_{002}^{(11)}m_{210}^{(00)}\\
&-m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(11)}m_{111}^{(22)} + 2m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{111}^{(21)} - m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(22)}m_{111}^{(11)}\\
&+m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(11)}m_{120}^{(22)} - 2m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{120}^{(21)} + m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(22)}m_{120}^{(11)}\\
&+m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(11)}m_{201}^{(22)} - 2m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(21)}m_{201}^{(21)} + m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(22)}m_{201}^{(11)}\\
&-m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(11)}m_{210}^{(22)} + 2m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{210}^{(21)} - m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(22)}m_{210}^{(11)}\\
&-2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(00)}m_{012}^{(21)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{111}^{(22)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(20)}\\
&-2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(21)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(10)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(20)}\\
&-2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(00)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(10)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{021}^{(21)}\\
&-2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{120}^{(22)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(20)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{120}^{(21)}\\
&-2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(10)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(20)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(00)}\\
&-2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(22)}m_{120}^{(10)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(00)}m_{102}^{(21)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(10)}m_{201}^{(22)}\\
&-2m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(20)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(20)}m_{201}^{(21)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(10)}\\
&+2m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(21)}m_{201}^{(20)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(21)}m_{102}^{(00)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(22)}m_{201}^{(10)}\\
&-2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{111}^{(21)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{210}^{(22)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(20)}\\
&-2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(21)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(10)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{210}^{(20)}\\
&-2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(00)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(22)}m_{210}^{(10)} + 2m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(00)}m_{012}^{(21)}\\
&-2m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(20)} - 2m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(10)} + 2m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{012}^{(00)}\\
&-m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(00)}m_{111}^{(22)} - 2m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(00)}m_{102}^{(21)} + 2m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(20)}\\
&+2m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(20)} + 2m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(10)} - 2m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(21)}m_{102}^{(00)}\\
&-m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(22)}m_{111}^{(00)} + m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{120}^{(22)} - 2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{111}^{(21)}\\
&+2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(20)} - 2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{120}^{(20)} + 2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(10)}\\
&-2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(00)} + m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(22)}m_{120}^{(00)} + m_{100}^{(21)}m_{001}^{(11)}m_{020}^{(00)}m_{201}^{(22)}\\
&-2m_{100}^{(21)}m_{001}^{(11)}m_{020}^{(20)}m_{201}^{(20)} + m_{100}^{(21)}m_{001}^{(11)}m_{020}^{(22)}m_{201}^{(00)} - m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(00)}m_{210}^{(22)}\\
&+2m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(00)}m_{201}^{(21)} - 2m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(20)} + 2m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(20)}m_{210}^{(20)}
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&-2m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(10)} + 2m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(21)}m_{201}^{(00)} - m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(22)}m_{210}^{(00)}\\
&+2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{021}^{(21)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(21)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(20)}\\
&+2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(20)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(11)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(10)}\\
&-2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(10)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(00)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(00)}m_{030}^{(21)}\\
&+2m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(21)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(20)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(20)}\\
&-2m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(11)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(10)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(10)}\\
&-2m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(21)}m_{030}^{(00)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(21)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(21)}\\
&+2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(20)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(20)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{201}^{(11)}\\
&+2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(10)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(10)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(00)}\\
&+2m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(21)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(21)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(20)}\\
&+2m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(20)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(11)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(10)}\\
&-2m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(10)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(00)} - 4m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(21)}\\
&+4m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(20)} + 4m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(10)} - 4m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(00)}\\
&+8m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(21)} - 8m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(20)} - 8m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(10)}\\
&+8m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(00)} - 4m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(21)} + 4m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(20)}\\
&+4m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(10)} - 4m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(21)}m_{201}^{(00)} + 2m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(21)}\\
&-2m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(20)} - 2m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(10)} + 2m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(21)}m_{030}^{(00)}\\
&-4m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(21)} - m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{111}^{(11)} + 4m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(20)}\\
&+2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(10)} - m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(11)}m_{111}^{(00)} + 4m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(10)}\\
&-4m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(21)}m_{120}^{(00)} + m_{100}^{(21)}m_{001}^{(22)}m_{101}^{(00)}m_{120}^{(11)} - 2m_{100}^{(21)}m_{001}^{(22)}m_{101}^{(10)}m_{120}^{(10)}\\
&+m_{100}^{(21)}m_{001}^{(22)}m_{101}^{(11)}m_{120}^{(00)} + 2m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(21)} + m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{201}^{(11)}\\
&-2m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(20)} - 2m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(10)} + m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(11)}m_{201}^{(00)}\\
&-2m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(10)} + 2m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(21)}m_{210}^{(00)} - m_{100}^{(21)}m_{001}^{(22)}m_{011}^{(00)}m_{210}^{(11)}\\
&+2m_{100}^{(21)}m_{001}^{(22)}m_{011}^{(10)}m_{210}^{(10)} - m_{100}^{(21)}m_{001}^{(22)}m_{011}^{(11)}m_{210}^{(00)} - (m_{100}^{(22)})^2m_{110}^{(00)}m_{021}^{(11)}\\
&+2(m_{100}^{(22)})^2m_{110}^{(10)}m_{021}^{(10)} - (m_{100}^{(22)})^2m_{110}^{(11)}m_{021}^{(00)} + (m_{100}^{(22)})^2m_{101}^{(00)}m_{030}^{(11)}\\
&-2(m_{100}^{(22)})^2m_{101}^{(10)}m_{030}^{(10)} + (m_{100}^{(22)})^2m_{101}^{(11)}m_{030}^{(00)} + (m_{100}^{(22)})^2m_{020}^{(00)}m_{111}^{(11)}\\
&-2(m_{100}^{(22)})^2m_{020}^{(10)}m_{111}^{(10)} + (m_{100}^{(22)})^2m_{020}^{(11)}m_{111}^{(00)} - (m_{100}^{(22)})^2m_{011}^{(00)}m_{120}^{(11)}\\
&+2(m_{100}^{(22)})^2m_{011}^{(10)}m_{120}^{(10)} - (m_{100}^{(22)})^2m_{011}^{(11)}m_{120}^{(00)} + m_{100}^{(22)}m_{010}^{(00)}m_{110}^{(11)}m_{111}^{(22)}\\
&-2m_{100}^{(22)}m_{010}^{(00)}m_{110}^{(21)}m_{111}^{(21)} + m_{100}^{(22)}m_{010}^{(00)}m_{110}^{(22)}m_{111}^{(11)} - m_{100}^{(22)}m_{010}^{(00)}m_{101}^{(11)}m_{120}^{(22)}\\
&+2m_{100}^{(22)}m_{010}^{(00)}m_{101}^{(21)}m_{120}^{(21)} - m_{100}^{(22)}m_{010}^{(00)}m_{101}^{(22)}m_{120}^{(11)} - m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(11)}m_{201}^{(22)}\\
&+2m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(21)}m_{201}^{(21)} - m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(22)}m_{201}^{(11)} + m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(11)}m_{210}^{(22)}\\
&-2m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(21)}m_{210}^{(21)} + m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(22)}m_{210}^{(11)} - m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(00)}m_{003}^{(11)}\\
&-2m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(10)}m_{111}^{(22)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(10)}m_{003}^{(10)} - m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(11)}m_{003}^{(00)}\\
&+2m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(20)}m_{111}^{(21)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(21)}m_{111}^{(20)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(22)}m_{111}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(00)}m_{012}^{(11)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(10)}m_{120}^{(22)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(10)}m_{012}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(11)}m_{012}^{(00)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(20)}m_{120}^{(21)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(21)}m_{120}^{(20)}\\
&+2m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(22)}m_{120}^{(10)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{020}^{(10)}m_{201}^{(22)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{020}^{(20)}m_{201}^{(21)}\\
&-2m_{100}^{(22)}m_{010}^{(10)}m_{020}^{(21)}m_{201}^{(20)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{020}^{(22)}m_{201}^{(10)} + m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(00)}m_{102}^{(11)}
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&-2m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(10)}m_{210}^{(22)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(10)}m_{102}^{(10)} + m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(11)}m_{102}^{(00)}\\
&+2m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(20)}m_{210}^{(21)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(21)}m_{210}^{(20)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(22)}m_{210}^{(10)}\\
&-m_{100}^{(22)}m_{010}^{(10)}m_{002}^{(00)}m_{111}^{(11)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{002}^{(10)}m_{111}^{(10)} - m_{100}^{(22)}m_{010}^{(10)}m_{002}^{(11)}m_{111}^{(00)}\\
&+m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(00)}m_{003}^{(11)} - 2m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(10)}m_{003}^{(10)} + m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(11)}m_{003}^{(00)}\\
&+m_{100}^{(22)}m_{010}^{(11)}m_{110}^{(00)}m_{111}^{(22)} - 2m_{100}^{(22)}m_{010}^{(11)}m_{110}^{(20)}m_{111}^{(20)} + m_{100}^{(22)}m_{010}^{(11)}m_{110}^{(22)}m_{111}^{(00)}\\
&-m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(00)}m_{120}^{(22)} - 2m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(00)}m_{102}^{(11)} + 4m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(10)}m_{102}^{(10)}\\
&-2m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(11)}m_{102}^{(00)} + 2m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(20)}m_{120}^{(20)} - m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(22)}m_{120}^{(00)}\\
&-m_{100}^{(22)}m_{010}^{(11)}m_{020}^{(00)}m_{201}^{(22)} + 2m_{100}^{(22)}m_{010}^{(11)}m_{020}^{(20)}m_{201}^{(20)} - m_{100}^{(22)}m_{010}^{(11)}m_{020}^{(22)}m_{201}^{(00)}\\
&+m_{100}^{(22)}m_{010}^{(11)}m_{011}^{(00)}m_{210}^{(22)} - 2m_{100}^{(22)}m_{010}^{(11)}m_{011}^{(20)}m_{210}^{(20)} + m_{100}^{(22)}m_{010}^{(11)}m_{011}^{(22)}m_{210}^{(00)}\\
&+m_{100}^{(22)}m_{010}^{(11)}m_{002}^{(00)}m_{201}^{(11)} - 2m_{100}^{(22)}m_{010}^{(11)}m_{002}^{(10)}m_{201}^{(10)} + m_{100}^{(22)}m_{010}^{(11)}m_{002}^{(11)}m_{201}^{(00)}\\
&+m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(00)}m_{012}^{(11)} + 2m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(10)}m_{111}^{(21)} - 2m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(10)}m_{012}^{(10)}\\
&-2m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(11)}m_{111}^{(20)} + m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(11)}m_{012}^{(00)} - 2m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(20)}m_{111}^{(11)}\\
&+2m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(21)}m_{111}^{(10)} - m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(00)}m_{021}^{(11)} - 2m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(10)}m_{120}^{(21)}\\
&+2m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(10)}m_{021}^{(10)} + 2m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(11)}m_{120}^{(20)} - m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(11)}m_{021}^{(00)}\\
&+2m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(20)}m_{120}^{(11)} - 2m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(21)}m_{120}^{(10)} - 2m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(10)}m_{201}^{(21)}\\
&+2m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(11)}m_{201}^{(20)} + 2m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(20)}m_{201}^{(11)} - 2m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(21)}m_{201}^{(10)}\\
&-m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(00)}m_{111}^{(11)} + 2m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{210}^{(21)} + 2m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(10)}\\
&-2m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(11)}m_{210}^{(20)} - m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(11)}m_{111}^{(00)} - 2m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(20)}m_{210}^{(11)}\\
&+2m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(21)}m_{210}^{(10)} + m_{100}^{(22)}m_{010}^{(20)}m_{002}^{(00)}m_{120}^{(11)} - 2m_{100}^{(22)}m_{010}^{(20)}m_{002}^{(10)}m_{120}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(20)}m_{002}^{(11)}m_{120}^{(00)} - 2m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(00)}m_{012}^{(11)} + 4m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(10)}\\
&-2m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(11)}m_{012}^{(00)} - 2m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(00)}m_{111}^{(21)} + m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(00)}m_{102}^{(11)}\\
&+2m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{111}^{(20)} - 2m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{102}^{(10)} + m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(11)}m_{102}^{(00)}\\
&+2m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(10)} - 2m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(21)}m_{111}^{(00)} + 2m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(00)}m_{120}^{(21)}\\
&+3m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(00)}m_{111}^{(11)} - 2m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(10)}m_{120}^{(20)} - 6m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(10)}\\
&+3m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(11)}m_{111}^{(00)} - 2m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(10)} + 2m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(21)}m_{120}^{(00)}\\
&+2m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(00)}m_{201}^{(21)} - 2m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(10)}m_{201}^{(20)} - 2m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(20)}m_{201}^{(10)}\\
&+2m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(21)}m_{201}^{(00)} - 2m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(00)}m_{210}^{(21)} - m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(00)}m_{201}^{(11)}\\
&+2m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(10)}m_{210}^{(20)} + 2m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(10)} - m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(11)}m_{201}^{(00)}\\
&+2m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(10)} - 2m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(21)}m_{210}^{(00)} - m_{100}^{(22)}m_{010}^{(21)}m_{002}^{(00)}m_{210}^{(11)}\\
&+2m_{100}^{(22)}m_{010}^{(21)}m_{002}^{(10)}m_{210}^{(10)} - m_{100}^{(22)}m_{010}^{(21)}m_{002}^{(11)}m_{210}^{(00)} + m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(00)}m_{021}^{(11)}\\
&-2m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(10)}m_{021}^{(10)} + m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(11)}m_{021}^{(00)} - 2m_{100}^{(22)}m_{010}^{(22)}m_{101}^{(00)}m_{120}^{(11)}\\
&+4m_{100}^{(22)}m_{010}^{(22)}m_{101}^{(10)}m_{120}^{(10)} - 2m_{100}^{(22)}m_{010}^{(22)}m_{101}^{(11)}m_{120}^{(00)} - m_{100}^{(22)}m_{010}^{(22)}m_{020}^{(00)}m_{201}^{(11)}\\
&+2m_{100}^{(22)}m_{010}^{(22)}m_{020}^{(10)}m_{201}^{(10)} - m_{100}^{(22)}m_{010}^{(22)}m_{020}^{(11)}m_{201}^{(00)} + 2m_{100}^{(22)}m_{010}^{(22)}m_{011}^{(00)}m_{210}^{(11)}\\
&-4m_{100}^{(22)}m_{010}^{(22)}m_{011}^{(10)}m_{210}^{(10)} + 2m_{100}^{(22)}m_{010}^{(22)}m_{011}^{(11)}m_{210}^{(00)} + m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(00)}m_{012}^{(11)}\\
&-2m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(10)} + m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(11)}m_{012}^{(00)} - m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(00)}m_{021}^{(11)}\\
&+2m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(10)} - m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(11)}m_{021}^{(00)} - m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(00)}m_{102}^{(11)}\\
&+2m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(10)} - m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(11)}m_{102}^{(00)} + m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(00)}m_{111}^{(11)}\\
&-2m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(10)} + m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(11)}m_{111}^{(00)} - m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(00)}m_{012}^{(11)}
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&+2m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(10)} - m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(11)}m_{012}^{(00)} + m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(00)}m_{102}^{(11)}\\
&-2m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(10)} + m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(11)}m_{102}^{(00)} + m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(00)}m_{111}^{(11)}\\
&-2m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(10)} + m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(11)}m_{111}^{(00)} - m_{100}^{(22)}m_{001}^{(11)}m_{011}^{(00)}m_{201}^{(11)}\\
&+2m_{100}^{(22)}m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(10)} - m_{100}^{(22)}m_{001}^{(11)}m_{011}^{(11)}m_{201}^{(00)} - m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(00)}m_{021}^{(11)}\\
&+2m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(10)} - m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{021}^{(00)} + m_{100}^{(22)}m_{001}^{(20)}m_{101}^{(00)}m_{030}^{(11)}\\
&-2m_{100}^{(22)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(10)} + m_{100}^{(22)}m_{001}^{(20)}m_{101}^{(11)}m_{030}^{(00)} + m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(11)}\\
&-2m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(10)} + m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(11)}m_{111}^{(00)} - m_{100}^{(22)}m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(11)}\\
&+2m_{100}^{(22)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(10)} - m_{100}^{(22)}m_{001}^{(20)}m_{011}^{(11)}m_{120}^{(00)} + 2m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(11)}\\
&-4m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(10)} + 2m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{021}^{(00)} - 3m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(11)}\\
&+6m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(10)} - 3m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(11)}m_{111}^{(00)} - m_{100}^{(22)}m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(11)}\\
&+2m_{100}^{(22)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(10)} - m_{100}^{(22)}m_{001}^{(21)}m_{101}^{(11)}m_{120}^{(00)} + m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(11)}\\
&-2m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(10)} + m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(11)}m_{201}^{(00)} + m_{100}^{(22)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(11)}\\
&-2m_{100}^{(22)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(10)} + m_{100}^{(22)}m_{001}^{(21)}m_{011}^{(11)}m_{210}^{(00)} - m_{100}^{(22)}m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(11)}\\
&+2m_{100}^{(22)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(10)} - m_{100}^{(22)}m_{001}^{(22)}m_{200}^{(11)}m_{030}^{(00)} + 2m_{100}^{(22)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(11)}\\
&-4m_{100}^{(22)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(10)} + 2m_{100}^{(22)}m_{001}^{(22)}m_{110}^{(11)}m_{120}^{(00)} - m_{100}^{(22)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(11)}\\
&+2m_{100}^{(22)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(10)} - m_{100}^{(22)}m_{001}^{(22)}m_{020}^{(11)}m_{210}^{(00)} + (m_{010}^{(00)})^2m_{110}^{(11)}m_{003}^{(22)}\\
&-2(m_{010}^{(00)})^2m_{110}^{(21)}m_{003}^{(21)} + (m_{010}^{(00)})^2m_{110}^{(22)}m_{003}^{(11)} - (m_{010}^{(00)})^2m_{101}^{(11)}m_{012}^{(22)}\\
&+2(m_{010}^{(00)})^2m_{101}^{(21)}m_{012}^{(21)} - (m_{010}^{(00)})^2m_{101}^{(22)}m_{012}^{(11)} - (m_{010}^{(00)})^2m_{011}^{(11)}m_{102}^{(22)}\\
&+2(m_{010}^{(00)})^2m_{011}^{(21)}m_{102}^{(21)} - (m_{010}^{(00)})^2m_{011}^{(22)}m_{102}^{(11)} + (m_{010}^{(00)})^2m_{002}^{(11)}m_{111}^{(22)}\\
&-2(m_{010}^{(00)})^2m_{002}^{(21)}m_{111}^{(21)} + (m_{010}^{(00)})^2m_{002}^{(22)}m_{111}^{(11)} - m_{010}^{(00)}m_{010}^{(10)}m_{010}^{(11)}m_{200}^{(22)}m_{003}\\
&+2m_{010}^{(00)}m_{010}^{(10)}m_{200}^{(21)}m_{003}^{(21)} - m_{010}^{(00)}m_{010}^{(10)}m_{200}^{(22)}m_{003}^{(11)} - 2m_{010}^{(00)}m_{010}^{(10)}m_{110}^{(10)}m_{003}^{(22)}\\
&+2m_{010}^{(00)}m_{010}^{(10)}m_{110}^{(20)}m_{003}^{(21)} + 2m_{010}^{(00)}m_{010}^{(10)}m_{110}^{(21)}m_{003}^{(20)} - 2m_{010}^{(00)}m_{010}^{(10)}m_{110}^{(22)}m_{003}^{(10)}\\
&+2m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(10)}m_{012}^{(22)} + 2m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(11)}m_{012}^{(22)} - 2m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(20)}m_{012}^{(21)}\\
&-4m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(21)}m_{102}^{(21)} - 2m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(21)}m_{012}^{(20)} + 2m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(22)}m_{012}^{(11)}\\
&+2m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(22)}m_{012}^{(10)} + 2m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(10)}m_{102}^{(22)} - 2m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(20)}m_{102}^{(21)}\\
&-2m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{102}^{(20)} + 2m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(22)}m_{102}^{(10)} - 2m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(10)}m_{111}^{(22)}\\
&-m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(11)}m_{201}^{(22)} + 2m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(20)}m_{111}^{(21)} + 2m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(21)}m_{201}^{(21)}\\
&+2m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(21)}m_{111}^{(20)} - m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(22)}m_{201}^{(11)} - 2m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(22)}m_{111}^{(10)}\\
&+m_{010}^{(00)}m_{010}^{(11)}m_{110}^{(00)}m_{003}^{(22)} - 2m_{010}^{(00)}m_{010}^{(11)}m_{110}^{(20)}m_{003}^{(20)} + m_{010}^{(00)}m_{010}^{(11)}m_{110}^{(22)}m_{003}^{(00)}\\
&-m_{010}^{(00)}m_{010}^{(11)}m_{101}^{(00)}m_{012}^{(22)} + 2m_{010}^{(00)}m_{010}^{(11)}m_{101}^{(20)}m_{012}^{(20)} - m_{010}^{(00)}m_{010}^{(11)}m_{101}^{(22)}m_{012}^{(00)}\\
&-m_{010}^{(00)}m_{010}^{(11)}m_{011}^{(00)}m_{102}^{(22)} + 2m_{010}^{(00)}m_{010}^{(11)}m_{011}^{(20)}m_{102}^{(20)} - m_{010}^{(00)}m_{010}^{(11)}m_{011}^{(22)}m_{102}^{(00)}\\
&+m_{010}^{(00)}m_{010}^{(11)}m_{002}^{(00)}m_{111}^{(22)} - 2m_{010}^{(00)}m_{010}^{(11)}m_{002}^{(20)}m_{111}^{(20)} + m_{010}^{(00)}m_{010}^{(11)}m_{002}^{(22)}m_{111}^{(00)}\\
&+m_{010}^{(00)}m_{010}^{(20)}m_{200}^{(11)}m_{012}^{(22)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{200}^{(21)}m_{012}^{(21)} + m_{010}^{(00)}m_{010}^{(20)}m_{200}^{(22)}m_{012}^{(11)}\\
&+2m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(10)}m_{003}^{(21)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(11)}m_{102}^{(22)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(11)}m_{003}^{(20)}\\
&-2m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(20)}m_{003}^{(11)} + 4m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{102}^{(21)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{003}^{(10)}\\
&-2m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(22)}m_{102}^{(11)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(10)}m_{012}^{(21)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(11)}m_{012}^{(20)}\\
&+2m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(20)}m_{012}^{(11)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(21)}m_{012}^{(10)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(10)}m_{102}^{(21)}\\
&+2m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(11)}m_{201}^{(22)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(11)}m_{102}^{(20)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(20)}m_{102}^{(11)}
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&-4m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{201}^{(21)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{102}^{(10)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(22)}m_{201}^{(11)}\\
&+2m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(10)}m_{111}^{(21)} - m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(11)}m_{210}^{(22)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(11)}m_{111}^{(20)}\\
&-2m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(20)}m_{111}^{(11)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{210}^{(21)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{111}^{(10)}\\
&-m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(22)}m_{210}^{(11)} + m_{010}^{(00)}m_{010}^{(21)}m_{200}^{(11)}m_{102}^{(22)} - 2m_{010}^{(00)}m_{010}^{(21)}m_{200}^{(21)}m_{102}^{(21)}\\
&+m_{010}^{(00)}m_{010}^{(21)}m_{200}^{(22)}m_{102}^{(11)} - 2m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(00)}m_{003}^{(21)} + 2m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(10)}m_{003}^{(20)}\\
&+2m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(20)}m_{003}^{(10)} - 2m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(21)}m_{003}^{(00)} + 2m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(00)}m_{012}^{(21)}\\
&-2m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(10)}m_{012}^{(20)} - 2m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(11)}m_{201}^{(22)} - 2m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(20)}m_{012}^{(10)}\\
&+4m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{201}^{(21)} + 2m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{012}^{(00)} - 2m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(22)}m_{201}^{(11)}\\
&+2m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(00)}m_{102}^{(21)} - 2m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(10)}m_{102}^{(20)} - 2m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{102}^{(10)}\\
&+2m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{102}^{(00)} - 2m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(00)}m_{111}^{(21)} + 2m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(10)}m_{111}^{(20)}\\
&+m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(11)}m_{300}^{(22)} + 2m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(20)}m_{111}^{(10)} - 2m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(21)}m_{300}^{(21)}\\
&-2m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(21)}m_{111}^{(00)} + m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(22)}m_{300}^{(11)} - m_{010}^{(00)}m_{010}^{(22)}m_{200}^{(11)}m_{111}^{(22)}\\
&+2m_{010}^{(00)}m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(11)} - m_{010}^{(00)}m_{010}^{(22)}m_{200}^{(22)}m_{111}^{(11)} + m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(00)}m_{003}^{(11)}\\
&-2m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(10)}m_{003}^{(10)} + m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(11)}m_{201}^{(22)} + m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(11)}m_{003}^{(00)}\\
&-2m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(21)} + m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(22)}m_{201}^{(11)} - m_{010}^{(00)}m_{010}^{(22)}m_{101}^{(00)}m_{012}^{(11)}\\
&+2m_{010}^{(00)}m_{010}^{(22)}m_{101}^{(10)}m_{012}^{(10)} + m_{010}^{(00)}m_{010}^{(22)}m_{101}^{(11)}m_{210}^{(22)} - m_{010}^{(00)}m_{010}^{(22)}m_{101}^{(11)}m_{012}^{(00)}\\
&-2m_{010}^{(00)}m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(21)} + m_{010}^{(00)}m_{010}^{(22)}m_{101}^{(22)}m_{210}^{(11)} - m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(00)}m_{102}^{(11)}\\
&+2m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(10)}m_{102}^{(10)} - m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(11)}m_{300}^{(22)} - m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(11)}m_{102}^{(00)}\\
&+2m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{300}^{(21)} - m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(22)}m_{300}^{(11)} + m_{010}^{(00)}m_{010}^{(22)}m_{002}^{(00)}m_{111}^{(11)}\\
&-2m_{010}^{(00)}m_{010}^{(22)}m_{002}^{(10)}m_{111}^{(10)} + m_{010}^{(00)}m_{010}^{(22)}m_{002}^{(11)}m_{111}^{(00)} - 2m_{010}^{(00)}m_{001}^{(00)}m_{110}^{(11)}m_{012}^{(22)}\\
&+4m_{010}^{(00)}m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(21)} - 2m_{010}^{(00)}m_{001}^{(00)}m_{110}^{(22)}m_{012}^{(11)} + 2m_{010}^{(00)}m_{001}^{(00)}m_{101}^{(11)}m_{021}^{(22)}\\
&-4m_{010}^{(00)}m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(21)} + 2m_{010}^{(00)}m_{001}^{(00)}m_{101}^{(22)}m_{021}^{(11)} + m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(11)}m_{102}^{(22)}\\
&-2m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(21)} + m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(22)}m_{102}^{(11)} - m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(11)}m_{120}^{(22)}\\
&+2m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(21)}m_{120}^{(21)} - m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(22)}m_{120}^{(11)} + m_{010}^{(00)}m_{001}^{(10)}m_{200}^{(11)}m_{012}^{(22)}\\
&-2m_{010}^{(00)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(21)} + m_{010}^{(00)}m_{001}^{(10)}m_{200}^{(22)}m_{012}^{(11)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(22)}\\
&-m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(11)}m_{102}^{(22)} - 2m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(21)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(21)}\\
&-2m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(20)} - m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{102}^{(11)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{012}^{(10)}\\
&-2m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(22)} - m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(22)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(21)}\\
&+2m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(21)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(20)} - m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(22)}m_{111}^{(11)}\\
&-2m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(22)}m_{021}^{(10)} - 2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(22)} + m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{201}^{(22)}\\
&+2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(21)} - 2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(21)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(20)}\\
&+m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{201}^{(11)} - 2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{111}^{(10)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{120}^{(22)}\\
&-2m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(21)} - 2m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{120}^{(20)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(22)}m_{120}^{(10)}\\
&-m_{010}^{(00)}m_{001}^{(11)}m_{110}^{(00)}m_{012}^{(22)} + 2m_{010}^{(00)}m_{001}^{(11)}m_{110}^{(20)}m_{012}^{(20)} - m_{010}^{(00)}m_{001}^{(11)}m_{110}^{(22)}m_{012}^{(00)}\\
&+m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(00)}m_{021}^{(22)} - 2m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(20)}m_{021}^{(20)} + m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(22)}m_{021}^{(00)}\\
&+m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(00)}m_{111}^{(22)} - 2m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(20)} + m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(22)}m_{111}^{(00)}\\
&-m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(00)}m_{120}^{(22)} + 2m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(20)}m_{120}^{(20)} - m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(22)}m_{120}^{(00)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(22)} + 2m_{010}^{(00)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(21)} - m_{010}^{(00)}m_{001}^{(20)}m_{200}^{(22)}m_{021}^{(11)}
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\begin{aligned}
&-2m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(21)} + 3m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(22)} + 2m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(11)}m_{012}^{(20)} \\
&+2m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(20)}m_{012}^{(11)} - 6m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(21)} - 2m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{012}^{(10)} \\
&+3m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(22)}m_{111}^{(11)} + 2m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(21)} - m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(22)} \\
&-2m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{021}^{(20)} - 2m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(20)}m_{021}^{(11)} + 2m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(21)} \\
&+2m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{021}^{(10)} - m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(22)}m_{120}^{(11)} - 2m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(22)} \\
&+4m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(21)} - 2m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(22)}m_{201}^{(11)} + 2m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(21)} \\
&+m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(22)} - 2m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{111}^{(20)} - 2m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{111}^{(11)} \\
&-2m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(21)} + 2m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{111}^{(10)} + m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(22)}m_{210}^{(11)} \\
&-2m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(10)}m_{120}^{(21)} + 2m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(11)}m_{120}^{(20)} + 2m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(20)}m_{120}^{(11)} \\
&-2m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(21)}m_{120}^{(10)} - m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(22)} + 2m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(21)} \\
&-m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(22)}m_{111}^{(11)} + 2m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(00)}m_{012}^{(21)} - 2m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{012}^{(20)} \\
&+m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(22)} - 2m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{012}^{(10)} - 2m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(21)} \\
&+2m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{012}^{(00)} + m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(22)}m_{201}^{(11)} - 2m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(00)}m_{021}^{(21)} \\
&+2m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(20)} + m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(22)} + 2m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(20)}m_{021}^{(10)} \\
&-2m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(21)} - 2m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{021}^{(00)} + m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(22)}m_{210}^{(11)} \\
&-2m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(21)} + 2m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(20)} - m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{300}^{(22)} \\
&+2m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{111}^{(10)} + 2m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(21)} - 2m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{111}^{(00)} \\
&-m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(22)}m_{300}^{(11)} + 2m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(00)}m_{120}^{(21)} - 2m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(10)}m_{120}^{(20)} \\
&-2m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(20)}m_{120}^{(10)} + 2m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(21)}m_{120}^{(00)} + m_{010}^{(00)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(22)} \\
&-2m_{010}^{(00)}m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(21)} + m_{010}^{(00)}m_{001}^{(22)}m_{200}^{(22)}m_{120}^{(11)} - m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(00)}m_{012}^{(11)} \\
&+2m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{012}^{(10)} - 2m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(22)} - m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(11)}m_{012}^{(00)} \\
&+4m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(21)} - 2m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(22)}m_{210}^{(11)} + m_{010}^{(00)}m_{001}^{(22)}m_{101}^{(00)}m_{021}^{(11)} \\
&-2m_{010}^{(00)}m_{001}^{(22)}m_{101}^{(10)}m_{021}^{(10)} + m_{010}^{(00)}m_{001}^{(22)}m_{101}^{(11)}m_{021}^{(00)} + m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(22)} \\
&-2m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(21)} + m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(22)}m_{300}^{(11)} + m_{010}^{(00)}m_{001}^{(22)}m_{011}^{(00)}m_{111}^{(11)} \\
&-2m_{010}^{(00)}m_{001}^{(22)}m_{011}^{(10)}m_{111}^{(10)} + m_{010}^{(00)}m_{001}^{(22)}m_{011}^{(11)}m_{111}^{(00)} - m_{010}^{(00)}m_{001}^{(22)}m_{002}^{(00)}m_{120}^{(11)} \\
&+2m_{010}^{(00)}m_{001}^{(22)}m_{002}^{(10)}m_{120}^{(10)} - m_{010}^{(00)}m_{001}^{(22)}m_{002}^{(11)}m_{120}^{(00)} + 2(m_{010}^{(10)})^2m_{200}^{(10)}m_{003}^{(22)} \\
&-2(m_{010}^{(10)})^2m_{200}^{(20)}m_{003}^{(21)} - 2(m_{010}^{(10)})^2m_{200}^{(21)}m_{003}^{(20)} + 2(m_{010}^{(10)})^2m_{200}^{(22)}m_{003}^{(10)} \\
&-4(m_{010}^{(10)})^2m_{101}^{(10)}m_{102}^{(22)} + 4(m_{010}^{(10)})^2m_{101}^{(20)}m_{102}^{(21)} + 4(m_{010}^{(10)})^2m_{101}^{(21)}m_{102}^{(20)} \\
&-4(m_{010}^{(10)})^2m_{101}^{(22)}m_{102}^{(10)} + 2(m_{010}^{(10)})^2m_{002}^{(10)}m_{201}^{(22)} - 2(m_{010}^{(10)})^2m_{002}^{(20)}m_{201}^{(21)} \\
&-2(m_{010}^{(10)})^2m_{002}^{(21)}m_{201}^{(20)} + 2(m_{010}^{(10)})^2m_{002}^{(22)}m_{201}^{(10)} - m_{010}^{(10)}m_{010}^{(11)}m_{200}^{(00)}m_{003}^{(22)} \\
&+2m_{010}^{(10)}m_{010}^{(11)}m_{200}^{(20)}m_{003}^{(20)} - m_{010}^{(10)}m_{010}^{(11)}m_{200}^{(22)}m_{003}^{(00)} + 2m_{010}^{(10)}m_{010}^{(11)}m_{101}^{(00)}m_{102}^{(22)} \\
&-4m_{010}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{102}^{(20)} + 2m_{010}^{(10)}m_{010}^{(11)}m_{101}^{(22)}m_{102}^{(00)} - m_{010}^{(10)}m_{010}^{(11)}m_{002}^{(00)}m_{201}^{(22)} \\
&+2m_{010}^{(10)}m_{010}^{(11)}m_{002}^{(20)}m_{201}^{(20)} - m_{010}^{(10)}m_{010}^{(11)}m_{002}^{(22)}m_{201}^{(00)} - 2m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(10)}m_{012}^{(22)} \\
&-2m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(10)}m_{003}^{(21)} + 2m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(11)}m_{003}^{(20)} + 2m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(20)}m_{012}^{(21)} \\
&+2m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(20)}m_{003}^{(11)} + 2m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{012}^{(20)} - 2m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{003}^{(10)} \\
&-2m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(22)}m_{012}^{(10)} + 4m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(10)}m_{102}^{(22)} - 4m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{102}^{(21)} \\
&-4m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{102}^{(20)} + 4m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{102}^{(10)} + 4m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{102}^{(21)} \\
&-4m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(11)}m_{102}^{(20)} - 4m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(20)}m_{102}^{(11)} + 4m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{102}^{(10)}
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\begin{aligned}
&-4m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{201}^{(22)} + 4m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{201}^{(21)} + 4m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{201}^{(20)}\\
&-4m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{201}^{(10)} + 2m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{210}^{(22)} - 2m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{201}^{(21)}\\
&+2m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(11)}m_{201}^{(20)} - 2m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{210}^{(21)} + 2m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{201}^{(11)}\\
&-2m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{210}^{(20)} - 2m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{201}^{(10)} + 2m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(22)}m_{210}^{(10)}\\
&+2m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(00)}m_{003}^{(21)} - 2m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(10)}m_{102}^{(22)} - 2m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(10)}m_{003}^{(20)}\\
&+2m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(20)}m_{102}^{(21)} - 2m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(20)}m_{003}^{(10)} + 2m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{102}^{(20)}\\
&+2m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{003}^{(00)} - 2m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{102}^{(10)} - 4m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(00)}m_{102}^{(21)}\\
&+4m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{201}^{(22)} + 4m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{102}^{(20)} - 4m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{201}^{(21)}\\
&+4m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{102}^{(10)} - 4m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{201}^{(20)} - 4m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{102}^{(00)}\\
&+4m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{201}^{(10)} + 2m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(00)}m_{201}^{(21)} - 2m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{300}^{(22)}\\
&-2m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{201}^{(20)} + 2m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{300}^{(21)} - 2m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{201}^{(10)}\\
&+2m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{300}^{(20)} + 2m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{201}^{(00)} - 2m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(22)}m_{300}^{(10)}\\
&-m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(00)}m_{003}^{(11)} + 2m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(10)}m_{111}^{(22)} + 2m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(10)}m_{003}^{(10)}\\
&-m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(11)}m_{003}^{(00)} - 2m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(20)}m_{111}^{(21)} - 2m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(20)}\\
&+2m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(22)}m_{111}^{(10)} - 2m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{201}^{(22)} + 2m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{201}^{(21)}\\
&+2m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(20)} - 2m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(22)}m_{201}^{(10)} + 2m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(00)}m_{102}^{(11)}\\
&-2m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{210}^{(22)} - 4m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{102}^{(10)} + 2m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(11)}m_{102}^{(00)}\\
&+2m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{210}^{(21)} + 2m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(20)} - 2m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(22)}m_{210}^{(10)}\\
&+2m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{300}^{(22)} - 2m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{300}^{(21)} - 2m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(21)}m_{300}^{(20)}\\
&+2m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(22)}m_{300}^{(10)} - m_{010}^{(10)}m_{010}^{(22)}m_{002}^{(00)}m_{201}^{(11)} + 2m_{010}^{(10)}m_{010}^{(22)}m_{002}^{(10)}m_{201}^{(10)}\\
&-m_{010}^{(10)}m_{010}^{(22)}m_{002}^{(11)}m_{201}^{(00)} + m_{010}^{(10)}m_{001}^{(00)}m_{200}^{(11)}m_{012}^{(22)} - 2m_{010}^{(10)}m_{001}^{(00)}m_{200}^{(21)}m_{012}^{(21)}\\
&+m_{010}^{(10)}m_{001}^{(00)}m_{200}^{(22)}m_{012}^{(11)} + 2m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(10)}m_{012}^{(22)} + m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(11)}m_{102}^{(22)}\\
&-2m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(20)}m_{012}^{(21)} - 2m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{102}^{(21)} - 2m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(22)}m_{102}^{(11)} + 2m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(22)}m_{012}^{(10)} - 2m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(10)}m_{021}^{(22)}\\
&-3m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(11)}m_{111}^{(22)} + 2m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(20)}m_{021}^{(21)} + 6m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{111}^{(21)}\\
&+2m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(20)} - 3m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(22)}m_{111}^{(11)} - 2m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(22)}m_{021}^{(10)}\\
&-2m_{010}^{(10)}m_{001}^{(00)}m_{020}^{(10)}m_{102}^{(22)} + 2m_{010}^{(10)}m_{001}^{(00)}m_{020}^{(20)}m_{102}^{(21)} + 2m_{010}^{(10)}m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(00)}m_{020}^{(22)}m_{102}^{(10)} + 2m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(22)} - m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(11)}m_{201}^{(22)}\\
&-2m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(21)} + 2m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{201}^{(21)} - 2m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(22)}m_{201}^{(11)} + 2m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(22)}m_{111}^{(10)} + 2m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(11)}m_{210}^{(22)}\\
&-4m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{210}^{(21)} + 2m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(22)}m_{210}^{(11)} - 4m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(10)}m_{012}^{(22)}\\
&+4m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(20)}m_{012}^{(21)} + 4m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(20)} - 4m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(22)}m_{012}^{(10)}\\
&+8m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(22)} - 8m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(21)} - 8m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(20)}\\
&+8m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{111}^{(10)} - 4m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{210}^{(22)} + 4m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{210}^{(21)}\\
&+4m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{210}^{(20)} - 4m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(22)}m_{210}^{(10)} + m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(00)}m_{012}^{(22)}\\
&-2m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(20)} + m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{012}^{(00)} + m_{010}^{(10)}m_{001}^{(11)}m_{110}^{(00)}m_{102}^{(22)}\\
&-2m_{010}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(20)} + m_{010}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{102}^{(00)} - 3m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{111}^{(22)}\\
&+6m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(20)} - 3m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{111}^{(00)} - m_{010}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{201}^{(22)}
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\begin{aligned}
&+2m_{010}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(20)} - m_{010}^{(10)}m_{001}^{(11)}m_{011}^{(22)}m_{201}^{(00)} + 2m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(00)}m_{210}^{(22)}\\
&-4m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(20)} + 2m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(22)}m_{210}^{(00)} + 2m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(22)}\\
&+2m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(10)}m_{012}^{(21)} - 2m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{012}^{(20)} - 2m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(20)}m_{021}^{(21)}\\
&-2m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(20)}m_{012}^{(11)} - 2m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(20)} + 2m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{012}^{(10)}\\
&+2m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(22)}m_{021}^{(10)} - 6m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(22)} + 2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{102}^{(21)}\\
&-2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{102}^{(20)} + 6m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(21)} - 2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{102}^{(11)}\\
&+6m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(20)} + 2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{102}^{(10)} - 6m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{111}^{(10)}\\
&+2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(22)} - 6m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(21)} + 6m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(21)} + 6m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{111}^{(11)} - 2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(20)}\\
&-6m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{111}^{(10)} + 2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(22)}m_{120}^{(10)} + 4m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(22)}\\
&-4m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{201}^{(21)} - 4m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(20)} + 4m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(22)}m_{201}^{(10)}\\
&-2m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(22)} - 2m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(21)} + 2m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{201}^{(20)}\\
&+2m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(21)} + 2m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{201}^{(11)} + 2m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{201}^{(10)} - 2m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(22)}m_{210}^{(10)} + 4m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{210}^{(21)}\\
&-4m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(11)}m_{210}^{(20)} - 4m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(20)}m_{210}^{(11)} + 4m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(21)}m_{210}^{(10)}\\
&-2m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(00)}m_{012}^{(21)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(22)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(21)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{012}^{(10)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{012}^{(00)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(22)}m_{111}^{(10)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{102}^{(21)}\\
&-2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(22)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(20)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(21)}\\
&+2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{102}^{(10)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(20)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{102}^{(00)}\\
&-2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{201}^{(10)} + 6m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(21)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(22)}\\
&-6m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(20)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(21)} - 6m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{111}^{(10)}\\
&+2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(20)} + 6m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{111}^{(00)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(22)}m_{210}^{(10)}\\
&+2m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{201}^{(21)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(22)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(21)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{201}^{(10)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(20)}\\
&+2m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{201}^{(00)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(22)}m_{300}^{(10)} - 4m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(00)}m_{210}^{(21)}\\
&+4m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{210}^{(20)} + 4m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(20)}m_{210}^{(10)} - 4m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(21)}m_{210}^{(00)}\\
&+m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(00)}m_{012}^{(11)} - 2m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(22)} - 2m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{012}^{(10)}\\
&+m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{012}^{(00)} + 2m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(20)}m_{120}^{(21)} + 2m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(22)}m_{120}^{(10)} + m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{102}^{(11)} + 4m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(22)}\\
&-2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{102}^{(10)} + m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{102}^{(00)} - 4m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{210}^{(21)}\\
&-4m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(20)} + 4m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(22)}m_{210}^{(10)} - 3m_{010}^{(10)}m_{001}^{(22)}m_{101}^{(00)}m_{111}^{(11)}\\
&+6m_{010}^{(10)}m_{001}^{(22)}m_{101}^{(10)}m_{111}^{(10)} - 3m_{010}^{(10)}m_{001}^{(22)}m_{101}^{(11)}m_{111}^{(00)} - 2m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(22)}\\
&+2m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{300}^{(21)} + 2m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(20)} - 2m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(22)}m_{300}^{(10)}\\
&-m_{010}^{(10)}m_{001}^{(22)}m_{011}^{(00)}m_{201}^{(11)} + 2m_{010}^{(10)}m_{001}^{(22)}m_{011}^{(10)}m_{201}^{(10)} - m_{010}^{(10)}m_{001}^{(22)}m_{011}^{(11)}m_{201}^{(00)}\\
&+2m_{010}^{(10)}m_{001}^{(22)}m_{002}^{(00)}m_{210}^{(11)} - 4m_{010}^{(10)}m_{001}^{(22)}m_{002}^{(10)}m_{210}^{(10)} + 2m_{010}^{(10)}m_{001}^{(22)}m_{002}^{(11)}m_{210}^{(00)}\\
&+m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(00)}m_{012}^{(22)} - 2m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(20)}m_{012}^{(20)} + m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(22)}m_{012}^{(00)}\\
&-2m_{010}^{(11)}m_{010}^{(20)}m_{110}^{(00)}m_{102}^{(22)} + 4m_{010}^{(11)}m_{010}^{(20)}m_{110}^{(20)}m_{102}^{(20)} - 2m_{010}^{(11)}m_{010}^{(20)}m_{110}^{(22)}m_{102}^{(00)}
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&+2m_{010}^{(11)}m_{010}^{(20)}m_{011}^{(00)}m_{201}^{(22)} - 4m_{010}^{(11)}m_{010}^{(20)}m_{011}^{(20)}m_{201}^{(20)} + 2m_{010}^{(11)}m_{010}^{(20)}m_{011}^{(22)}m_{201}^{(00)}\\
&-m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(00)}m_{210}^{(22)} + 2m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(20)}m_{210}^{(20)} - m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(22)}m_{210}^{(00)}\\
&+m_{010}^{(11)}m_{010}^{(21)}m_{200}^{(00)}m_{102}^{(22)} - 2m_{010}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{102}^{(20)} + m_{010}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{102}^{(00)}\\
&-2m_{010}^{(11)}m_{010}^{(21)}m_{101}^{(00)}m_{201}^{(22)} + 4m_{010}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{201}^{(20)} - 2m_{010}^{(11)}m_{010}^{(21)}m_{101}^{(22)}m_{201}^{(00)}\\
&+m_{010}^{(11)}m_{010}^{(21)}m_{002}^{(00)}m_{300}^{(22)} - 2m_{010}^{(11)}m_{010}^{(21)}m_{002}^{(20)}m_{300}^{(20)} + m_{010}^{(11)}m_{010}^{(21)}m_{002}^{(22)}m_{300}^{(00)}\\
&-m_{010}^{(11)}m_{010}^{(22)}m_{200}^{(00)}m_{111}^{(22)} + 2m_{010}^{(11)}m_{010}^{(22)}m_{200}^{(20)}m_{111}^{(20)} - m_{010}^{(11)}m_{010}^{(22)}m_{200}^{(22)}m_{111}^{(00)}\\
&+m_{010}^{(11)}m_{010}^{(22)}m_{110}^{(00)}m_{201}^{(22)} - 2m_{010}^{(11)}m_{010}^{(22)}m_{110}^{(20)}m_{201}^{(20)} + m_{010}^{(11)}m_{010}^{(22)}m_{110}^{(22)}m_{201}^{(00)}\\
&+m_{010}^{(11)}m_{010}^{(22)}m_{101}^{(00)}m_{210}^{(22)} - 2m_{010}^{(11)}m_{010}^{(22)}m_{101}^{(20)}m_{210}^{(20)} + m_{010}^{(11)}m_{010}^{(22)}m_{101}^{(22)}m_{210}^{(00)}\\
&-m_{010}^{(11)}m_{010}^{(22)}m_{011}^{(00)}m_{300}^{(22)} + 2m_{010}^{(11)}m_{010}^{(22)}m_{011}^{(20)}m_{300}^{(20)} - m_{010}^{(11)}m_{010}^{(22)}m_{011}^{(22)}m_{300}^{(00)}\\
&-m_{010}^{(11)}m_{001}^{(00)}m_{200}^{(11)}m_{102}^{(22)} + 2m_{010}^{(11)}m_{001}^{(00)}m_{200}^{(21)}m_{102}^{(21)} - m_{010}^{(11)}m_{001}^{(00)}m_{200}^{(22)}m_{102}^{(11)}\\
&-m_{010}^{(11)}m_{001}^{(00)}m_{110}^{(00)}m_{012}^{(22)} + 2m_{010}^{(11)}m_{001}^{(00)}m_{110}^{(20)}m_{012}^{(20)} - m_{010}^{(11)}m_{001}^{(00)}m_{110}^{(22)}m_{012}^{(00)}\\
&+m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(00)}m_{021}^{(22)} + 2m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(11)}m_{201}^{(22)} - 2m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{021}^{(20)}\\
&-4m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(21)}m_{201}^{(21)} + 2m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(22)}m_{201}^{(11)} + m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(22)}m_{021}^{(00)}\\
&+m_{010}^{(11)}m_{001}^{(00)}m_{020}^{(00)}m_{102}^{(22)} - 2m_{010}^{(11)}m_{001}^{(00)}m_{020}^{(20)}m_{102}^{(20)} + m_{010}^{(11)}m_{001}^{(00)}m_{020}^{(22)}m_{102}^{(00)}\\
&-m_{010}^{(11)}m_{001}^{(00)}m_{011}^{(00)}m_{111}^{(22)} + 2m_{010}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(20)} - m_{010}^{(11)}m_{001}^{(00)}m_{011}^{(22)}m_{111}^{(00)}\\
&-m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(11)}m_{300}^{(22)} + 2m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(21)}m_{300}^{(21)} - m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(22)}m_{300}^{(11)}\\
&+m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(00)}m_{012}^{(22)} + 2m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(10)}m_{102}^{(22)} - 2m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{102}^{(21)}\\
&-2m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{012}^{(20)} - 2m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(21)}m_{102}^{(20)} + 2m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{102}^{(10)}\\
&+m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{012}^{(00)} - m_{010}^{(11)}m_{001}^{(10)}m_{110}^{(00)}m_{102}^{(22)} + 2m_{010}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{102}^{(20)}\\
&-m_{010}^{(11)}m_{001}^{(10)}m_{110}^{(22)}m_{102}^{(00)} - m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(00)}m_{111}^{(22)} - 4m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{201}^{(22)}\\
&+4m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{201}^{(21)} + 2m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(20)} + 4m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{201}^{(20)}\\
&-4m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{201}^{(10)} - m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{111}^{(00)} + m_{010}^{(11)}m_{001}^{(10)}m_{011}^{(00)}m_{201}^{(22)}\\
&-2m_{010}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(20)} + m_{010}^{(11)}m_{001}^{(10)}m_{011}^{(22)}m_{201}^{(00)} + 2m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{300}^{(22)}\\
&-2m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{300}^{(21)} - 2m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(21)}m_{300}^{(20)} + 2m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(22)}m_{300}^{(10)}\\
&-m_{010}^{(11)}m_{001}^{(11)}m_{200}^{(00)}m_{102}^{(22)} + 2m_{010}^{(11)}m_{001}^{(11)}m_{200}^{(20)}m_{102}^{(20)} - m_{010}^{(11)}m_{001}^{(11)}m_{200}^{(22)}m_{102}^{(00)}\\
&+2m_{010}^{(11)}m_{001}^{(11)}m_{101}^{(00)}m_{201}^{(22)} - 4m_{010}^{(11)}m_{001}^{(11)}m_{101}^{(20)}m_{201}^{(20)} + 2m_{010}^{(11)}m_{001}^{(11)}m_{101}^{(22)}m_{201}^{(00)}\\
&-m_{010}^{(11)}m_{001}^{(11)}m_{002}^{(00)}m_{300}^{(22)} + 2m_{010}^{(11)}m_{001}^{(11)}m_{002}^{(20)}m_{300}^{(20)} - m_{010}^{(11)}m_{001}^{(11)}m_{002}^{(22)}m_{300}^{(00)}\\
&-m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(00)}m_{021}^{(22)} - 2m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{102}^{(21)} + 2m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(11)}m_{102}^{(20)}\\
&+2m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{102}^{(11)} + 2m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{021}^{(20)} - 2m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{102}^{(10)}\\
&-m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(22)}m_{021}^{(00)} + 3m_{010}^{(11)}m_{001}^{(20)}m_{110}^{(00)}m_{111}^{(22)} - 6m_{010}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(20)}\\
&+3m_{010}^{(11)}m_{001}^{(20)}m_{110}^{(22)}m_{111}^{(00)} - m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{120}^{(22)} + 4m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{201}^{(21)}\\
&-4m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{201}^{(20)} - 4m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{201}^{(11)} + 2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(20)}\\
&+4m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{201}^{(10)} - m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(22)}m_{120}^{(00)} - 2m_{010}^{(11)}m_{001}^{(20)}m_{020}^{(00)}m_{201}^{(22)}\\
&+4m_{010}^{(11)}m_{001}^{(20)}m_{020}^{(20)}m_{201}^{(20)} - 2m_{010}^{(11)}m_{001}^{(20)}m_{020}^{(22)}m_{201}^{(00)} + m_{010}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{210}^{(22)}\\
&-2m_{010}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(20)} + m_{010}^{(11)}m_{001}^{(20)}m_{011}^{(22)}m_{210}^{(00)} - 2m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(10)}m_{300}^{(21)}\\
&+2m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(11)}m_{300}^{(20)} + 2m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(20)}m_{300}^{(11)} - 2m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(21)}m_{300}^{(10)}\\
&-m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{111}^{(22)} + 2m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{102}^{(20)} - 2m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{102}^{(20)}\\
&+2m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(20)} - 2m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{102}^{(10)} + 2m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{102}^{(00)}
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&-m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(22)}m_{111}^{(00)} + m_{010}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{201}^{(22)} - 2m_{010}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(20)}\\
&+m_{010}^{(11)}m_{001}^{(21)}m_{110}^{(22)}m_{201}^{(00)} + m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{210}^{(22)} - 4m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{201}^{(21)}\\
&+4m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{201}^{(20)} - 2m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(20)} + 4m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{201}^{(10)}\\
&-4m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{201}^{(00)} + m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(22)}m_{210}^{(00)} - m_{010}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{300}^{(22)}\\
&+2m_{010}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(20)} - m_{010}^{(11)}m_{001}^{(21)}m_{011}^{(22)}m_{300}^{(00)} + 2m_{010}^{(11)}m_{001}^{(21)}m_{002}^{(00)}m_{300}^{(21)}\\
&-2m_{010}^{(11)}m_{001}^{(21)}m_{002}^{(10)}m_{300}^{(20)} - 2m_{010}^{(11)}m_{001}^{(21)}m_{002}^{(20)}m_{300}^{(10)} + 2m_{010}^{(11)}m_{001}^{(21)}m_{002}^{(21)}m_{300}^{(00)}\\
&+m_{010}^{(11)}m_{001}^{(22)}m_{200}^{(00)}m_{120}^{(22)} - m_{010}^{(11)}m_{001}^{(22)}m_{200}^{(00)}m_{102}^{(11)} + 2m_{010}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{102}^{(10)}\\
&-m_{010}^{(11)}m_{001}^{(22)}m_{200}^{(11)}m_{102}^{(00)} - 2m_{010}^{(11)}m_{001}^{(22)}m_{200}^{(20)}m_{120}^{(20)} + m_{010}^{(11)}m_{001}^{(22)}m_{200}^{(22)}m_{120}^{(00)}\\
&-2m_{010}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{210}^{(22)} + 4m_{010}^{(11)}m_{001}^{(22)}m_{110}^{(20)}m_{210}^{(20)} - 2m_{010}^{(11)}m_{001}^{(22)}m_{110}^{(22)}m_{210}^{(00)}\\
&+2m_{010}^{(11)}m_{001}^{(22)}m_{101}^{(00)}m_{201}^{(11)} - 4m_{010}^{(11)}m_{001}^{(22)}m_{101}^{(10)}m_{201}^{(10)} + 2m_{010}^{(11)}m_{001}^{(22)}m_{101}^{(11)}m_{201}^{(00)}\\
&+m_{010}^{(11)}m_{001}^{(22)}m_{020}^{(00)}m_{300}^{(22)} - 2m_{010}^{(11)}m_{001}^{(22)}m_{020}^{(20)}m_{300}^{(20)} + m_{010}^{(11)}m_{001}^{(22)}m_{020}^{(22)}m_{300}^{(00)}\\
&-m_{010}^{(11)}m_{001}^{(22)}m_{002}^{(00)}m_{300}^{(11)} + 2m_{010}^{(11)}m_{001}^{(22)}m_{002}^{(10)}m_{300}^{(10)} - m_{010}^{(11)}m_{001}^{(22)}m_{002}^{(11)}m_{300}^{(00)}\\
&+2(m_{010}^{(20)})^2m_{200}^{(10)}m_{012}^{(21)} - 2(m_{010}^{(20)})^2m_{200}^{(11)}m_{012}^{(20)} - 2(m_{010}^{(20)})^2m_{200}^{(20)}m_{012}^{(11)}\\
&+2(m_{010}^{(20)})^2m_{200}^{(21)}m_{012}^{(10)} - 4(m_{010}^{(20)})^2m_{110}^{(10)}m_{102}^{(21)} + 4(m_{010}^{(20)})^2m_{110}^{(11)}m_{102}^{(20)}\\
&+4(m_{010}^{(20)})^2m_{110}^{(20)}m_{102}^{(11)} - 4(m_{010}^{(20)})^2m_{110}^{(21)}m_{102}^{(10)} + 4(m_{010}^{(20)})^2m_{011}^{(10)}m_{201}^{(21)}\\
&-4(m_{010}^{(20)})^2m_{011}^{(11)}m_{201}^{(20)} - 4(m_{010}^{(20)})^2m_{011}^{(20)}m_{201}^{(11)} + 4(m_{010}^{(20)})^2m_{011}^{(21)}m_{201}^{(10)}\\
&-2(m_{010}^{(20)})^2m_{002}^{(10)}m_{210}^{(21)} + 2(m_{010}^{(20)})^2m_{002}^{(11)}m_{210}^{(20)} + 2(m_{010}^{(20)})^2m_{002}^{(20)}m_{210}^{(11)}\\
&-2(m_{010}^{(20)})^2m_{002}^{(21)}m_{210}^{(10)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(00)}m_{012}^{(21)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(10)}m_{102}^{(21)}\\
&+2m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(20)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(11)}m_{102}^{(20)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(20)}m_{102}^{(11)}\\
&+2m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(10)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{102}^{(10)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{012}^{(00)}\\
&+4m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(00)}m_{102}^{(21)} - 4m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{102}^{(20)} - 4m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(10)}\\
&+4m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{102}^{(00)} - 4m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{201}^{(21)} + 4m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(11)}m_{201}^{(20)}\\
&+4m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{201}^{(11)} - 4m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{201}^{(10)} - 4m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{201}^{(21)}\\
&+4m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(20)} + 4m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(10)} - 4m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(00)}\\
&+2m_{010}^{(20)}m_{010}^{(21)}m_{002}^{(00)}m_{210}^{(21)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{002}^{(10)}m_{300}^{(21)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{002}^{(10)}m_{210}^{(20)}\\
&-2m_{010}^{(20)}m_{010}^{(21)}m_{002}^{(11)}m_{300}^{(20)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{002}^{(20)}m_{300}^{(11)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{002}^{(20)}m_{210}^{(10)}\\
&+2m_{010}^{(20)}m_{010}^{(21)}m_{002}^{(21)}m_{300}^{(10)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{002}^{(21)}m_{210}^{(00)} + m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(00)}m_{012}^{(11)}\\
&-2m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(10)}m_{111}^{(21)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(10)}m_{012}^{(10)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(11)}m_{111}^{(20)}\\
&+m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(11)}m_{012}^{(00)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(20)}m_{111}^{(11)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(10)}\\
&-2m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(00)}m_{102}^{(11)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{102}^{(21)} + 4m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{102}^{(10)}\\
&-2m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(11)}m_{201}^{(20)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(11)}m_{102}^{(00)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{201}^{(11)}\\
&+2m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(10)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(10)}m_{210}^{(21)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(11)}m_{210}^{(20)}\\
&-2m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(20)}m_{210}^{(11)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(10)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(00)}m_{201}^{(11)}\\
&-2m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{300}^{(21)} - 4m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{201}^{(10)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(11)}m_{300}^{(20)}\\
&+2m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(11)}m_{201}^{(00)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(20)}m_{300}^{(11)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(21)}m_{300}^{(10)}\\
&-m_{010}^{(20)}m_{010}^{(22)}m_{002}^{(00)}m_{210}^{(11)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{002}^{(10)}m_{210}^{(10)} - m_{010}^{(20)}m_{010}^{(22)}m_{002}^{(11)}m_{210}^{(00)}\\
&-m_{010}^{(20)}m_{001}^{(00)}m_{200}^{(11)}m_{021}^{(22)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{200}^{(21)}m_{021}^{(21)} - m_{010}^{(20)}m_{001}^{(00)}m_{200}^{(22)}m_{021}^{(11)}\\
&-2m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(10)}m_{012}^{(21)} + m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(11)}m_{111}^{(22)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(11)}m_{012}^{(20)}
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&+2m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(20)}m_{012}^{(11)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{111}^{(21)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(22)}m_{111}^{(11)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(10)}m_{021}^{(21)} + m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(11)}m_{120}^{(22)}\\
&-2m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(11)}m_{021}^{(20)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(20)}m_{021}^{(11)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(21)}m_{120}^{(21)}\\
&+2m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(10)} + m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(22)}m_{120}^{(11)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(10)}m_{102}^{(21)}\\
&-2m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(11)}m_{102}^{(20)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(20)}m_{102}^{(11)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(10)}\\
&-2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(21)} - m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{210}^{(22)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{111}^{(20)}\\
&+2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(11)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{210}^{(21)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(22)}m_{210}^{(11)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(10)}m_{021}^{(22)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(10)}m_{012}^{(21)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(11)}m_{012}^{(20)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(20)}m_{021}^{(21)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(20)}m_{012}^{(11)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(20)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(10)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(22)}m_{021}^{(10)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{111}^{(22)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(21)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(11)}m_{102}^{(20)}\\
&+2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(21)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{102}^{(11)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(20)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(10)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(10)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{120}^{(22)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(21)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(20)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{120}^{(21)}\\
&+2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(11)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(20)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(10)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(22)}m_{120}^{(10)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{210}^{(22)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(21)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{201}^{(20)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(21)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(11)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{210}^{(20)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(10)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(22)}m_{210}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(00)}m_{021}^{(22)} + 2m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(20)}m_{021}^{(20)} - m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(22)}m_{021}^{(00)}\\
&+m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(00)}m_{111}^{(22)} - 2m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(20)} + m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(22)}m_{111}^{(00)}\\
&+m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(00)}m_{120}^{(22)} - 2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{120}^{(20)} + m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(22)}m_{120}^{(00)}\\
&-m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(00)}m_{210}^{(22)} + 2m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{210}^{(20)} - m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(22)}m_{210}^{(00)}\\
&-4m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(21)} + 4m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(20)} + 4m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(20)}m_{021}^{(11)}\\
&-4m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(10)} + 8m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(21)} - 8m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(20)}\\
&-8m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(11)} + 8m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(10)} - 4m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(21)}\\
&+4m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(20)} + 4m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{201}^{(11)} - 4m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(10)}\\
&+2m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(00)}m_{021}^{(21)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(10)}m_{111}^{(21)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(20)}\\
&+2m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(11)}m_{111}^{(20)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(20)}m_{111}^{(11)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(20)}m_{021}^{(10)}\\
&-2m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(21)}m_{111}^{(10)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(00)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(00)}m_{111}^{(21)}\\
&+2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{201}^{(21)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(20)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{201}^{(20)}\\
&-2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(20)}m_{201}^{(11)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(10)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{201}^{(10)}\\
&-2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(00)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(00)}m_{120}^{(21)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{210}^{(21)}\\
&+2m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(20)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{210}^{(20)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(20)}m_{210}^{(11)}\\
&+2m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(10)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(21)}m_{210}^{(10)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(00)}\\
&+2m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(00)}m_{210}^{(21)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{300}^{(21)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(20)}\\
&+2m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{300}^{(20)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(20)}m_{300}^{(11)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(10)}\\
&-2m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(21)}m_{300}^{(10)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(00)} - m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(00)}m_{021}^{(11)}\\
&+2m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(21)} + 2m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(10)} - 2m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(20)}
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\begin{aligned}
&-m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{021}^{(00)} - 2m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(20)}m_{120}^{(11)} + 2m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{111}^{(11)} - 4m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(21)} - 2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(10)}\\
&+4m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(20)} + m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{111}^{(00)} + 4m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(20)}m_{210}^{(11)}\\
&-4m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(10)} + m_{010}^{(20)}m_{001}^{(22)}m_{101}^{(00)}m_{120}^{(11)} - 2m_{010}^{(20)}m_{001}^{(22)}m_{101}^{(10)}m_{120}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(22)}m_{101}^{(11)}m_{120}^{(00)} + 2m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(21)} - 2m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(20)}\\
&-2m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(20)}m_{300}^{(11)} + 2m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(10)} - m_{010}^{(20)}m_{001}^{(22)}m_{011}^{(00)}m_{210}^{(11)}\\
&+2m_{010}^{(20)}m_{001}^{(22)}m_{011}^{(10)}m_{210}^{(10)} - m_{010}^{(20)}m_{001}^{(22)}m_{011}^{(11)}m_{210}^{(00)} - 2(m_{010}^{(21)})^2m_{200}^{(00)}m_{102}^{(21)}\\
&+2(m_{010}^{(21)})^2m_{200}^{(10)}m_{102}^{(20)} + 2(m_{010}^{(21)})^2m_{200}^{(20)}m_{102}^{(10)} - 2(m_{010}^{(21)})^2m_{200}^{(21)}m_{102}^{(00)}\\
&+4(m_{010}^{(21)})^2m_{101}^{(00)}m_{201}^{(21)} - 4(m_{010}^{(21)})^2m_{101}^{(10)}m_{201}^{(20)} - 4(m_{010}^{(21)})^2m_{101}^{(20)}m_{201}^{(10)}\\
&+4(m_{010}^{(21)})^2m_{101}^{(21)}m_{201}^{(00)} - 2(m_{010}^{(21)})^2m_{002}^{(00)}m_{300}^{(21)} + 2(m_{010}^{(21)})^2m_{002}^{(10)}m_{300}^{(20)}\\
&+2(m_{010}^{(21)})^2m_{002}^{(20)}m_{300}^{(10)} - 2(m_{010}^{(21)})^2m_{002}^{(21)}m_{300}^{(00)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(00)}m_{111}^{(21)}\\
&+m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(00)}m_{102}^{(11)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{111}^{(20)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{102}^{(10)}\\
&+m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(11)}m_{102}^{(00)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{111}^{(10)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(00)}\\
&-2m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(00)}m_{201}^{(21)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{201}^{(20)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{201}^{(10)}\\
&-2m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(00)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(00)}m_{210}^{(21)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(00)}m_{201}^{(11)}\\
&+2m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{210}^{(20)} + 4m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{201}^{(10)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(11)}m_{201}^{(00)}\\
&+2m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(20)}m_{210}^{(10)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(00)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{300}^{(21)}\\
&-2m_{010}^{(21)}m_{010}^{(22)}m_{011}^{(10)}m_{300}^{(20)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{011}^{(20)}m_{300}^{(10)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{011}^{(21)}m_{300}^{(00)}\\
&+m_{010}^{(21)}m_{010}^{(22)}m_{002}^{(00)}m_{300}^{(11)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{002}^{(10)}m_{300}^{(10)} + m_{010}^{(21)}m_{010}^{(22)}m_{002}^{(11)}m_{300}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(00)}m_{200}^{(11)}m_{111}^{(22)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{200}^{(21)}m_{111}^{(21)} + m_{010}^{(21)}m_{001}^{(00)}m_{200}^{(22)}m_{111}^{(11)}\\
&+2m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(00)}m_{012}^{(21)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(10)}m_{012}^{(20)} - m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(11)}m_{201}^{(22)}\\
&-2m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{012}^{(10)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{201}^{(21)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(22)}m_{201}^{(11)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(00)}m_{021}^{(21)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(10)}m_{021}^{(20)}\\
&-m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(11)}m_{210}^{(22)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(20)}m_{021}^{(10)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{210}^{(21)}\\
&-2m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(00)} - m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(22)}m_{210}^{(11)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(00)}m_{102}^{(21)}\\
&+2m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(10)}m_{102}^{(20)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(20)}m_{102}^{(10)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(00)}\\
&+2m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(00)}m_{111}^{(21)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(20)} + m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(11)}m_{300}^{(22)}\\
&-2m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(10)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{300}^{(21)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(22)}m_{300}^{(11)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(00)}m_{012}^{(21)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(10)}m_{111}^{(22)}\\
&+2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(10)}m_{012}^{(20)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{111}^{(21)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{012}^{(10)}\\
&+2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{111}^{(20)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(00)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(22)}m_{111}^{(10)}\\
&+2m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(00)}m_{102}^{(21)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{201}^{(22)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(20)}\\
&-2m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{201}^{(21)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{102}^{(10)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{201}^{(20)}\\
&+2m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(00)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(22)}m_{201}^{(10)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{111}^{(21)}\\
&+2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{210}^{(22)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(20)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{210}^{(21)}\\
&-2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(10)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{210}^{(20)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(00)}\\
&+2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(22)}m_{210}^{(10)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{201}^{(21)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{300}^{(22)}\\
&+2m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(20)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{300}^{(21)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(10)}
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&+2m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{300}^{(20)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(00)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(22)}m_{300}^{(10)}\\
&+m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(00)}m_{111}^{(22)} - 2m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{111}^{(20)} + m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(22)}m_{111}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(11)}m_{110}^{(00)}m_{201}^{(22)} + 2m_{010}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{201}^{(20)} - m_{010}^{(21)}m_{001}^{(11)}m_{110}^{(22)}m_{201}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{210}^{(22)} + 2m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{210}^{(20)} - m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(22)}m_{210}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(11)}m_{011}^{(00)}m_{300}^{(22)} - 2m_{010}^{(21)}m_{001}^{(11)}m_{011}^{(20)}m_{300}^{(20)} + m_{010}^{(21)}m_{001}^{(11)}m_{011}^{(22)}m_{300}^{(00)}\\
&+2m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(00)}m_{021}^{(21)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{111}^{(21)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(20)}\\
&-2m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{111}^{(20)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{111}^{(11)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{021}^{(10)}\\
&+2m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{111}^{(10)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(00)} - 6m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{111}^{(21)}\\
&-2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{201}^{(21)} + 6m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(20)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{201}^{(20)}\\
&+2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{201}^{(11)} + 6m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(10)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{201}^{(10)}\\
&-6m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(00)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(00)}m_{120}^{(21)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{210}^{(21)}\\
&-2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(20)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{210}^{(20)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(20)}m_{210}^{(11)}\\
&-2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(10)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(21)}m_{210}^{(10)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(00)}\\
&+4m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{201}^{(21)} - 4m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(20)} - 4m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{201}^{(10)}\\
&+4m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(00)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{210}^{(21)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{300}^{(21)}\\
&+2m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(20)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(11)}m_{300}^{(20)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(20)}m_{300}^{(11)}\\
&+2m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(10)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(21)}m_{300}^{(10)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(00)}\\
&-2m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(00)}m_{120}^{(21)} + m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(00)}m_{111}^{(11)} + 2m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(20)}\\
&-2m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{111}^{(10)} + m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(00)} + 2m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(20)}m_{120}^{(10)}\\
&-2m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(00)} + 4m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{210}^{(21)} - m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{201}^{(11)}\\
&-4m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(20)} + 2m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{201}^{(10)} - m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(11)}m_{201}^{(00)}\\
&-4m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(20)}m_{210}^{(10)} + 4m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(00)} - m_{010}^{(21)}m_{001}^{(22)}m_{101}^{(00)}m_{210}^{(11)}\\
&+2m_{010}^{(21)}m_{001}^{(22)}m_{101}^{(10)}m_{210}^{(10)} - m_{010}^{(21)}m_{001}^{(22)}m_{101}^{(11)}m_{210}^{(00)} - 2m_{010}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{300}^{(21)}\\
&+2m_{010}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(20)} + 2m_{010}^{(21)}m_{001}^{(22)}m_{020}^{(20)}m_{300}^{(10)} - 2m_{010}^{(21)}m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(22)}m_{011}^{(00)}m_{300}^{(11)} - 2m_{010}^{(21)}m_{001}^{(22)}m_{011}^{(10)}m_{300}^{(10)} + m_{010}^{(21)}m_{001}^{(22)}m_{011}^{(11)}m_{300}^{(00)}\\
&-(m_{010}^{(22)})^2m_{200}^{(00)}m_{111}^{(11)} + 2(m_{010}^{(22)})^2m_{200}^{(10)}m_{111}^{(10)} - (m_{010}^{(22)})^2m_{200}^{(11)}m_{111}^{(00)}\\
&+(m_{010}^{(22)})^2m_{110}^{(00)}m_{201}^{(11)} - 2(m_{010}^{(22)})^2m_{110}^{(10)}m_{201}^{(10)} + (m_{010}^{(22)})^2m_{110}^{(11)}m_{201}^{(00)}\\
&+(m_{010}^{(22)})^2m_{101}^{(00)}m_{210}^{(11)} - 2(m_{010}^{(22)})^2m_{101}^{(10)}m_{210}^{(10)} + (m_{010}^{(22)})^2m_{101}^{(11)}m_{210}^{(00)}\\
&-(m_{010}^{(22)})^2m_{011}^{(00)}m_{300}^{(11)} + 2(m_{010}^{(22)})^2m_{011}^{(10)}m_{300}^{(10)} - (m_{010}^{(22)})^2m_{011}^{(11)}m_{300}^{(00)}\\
&-m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(00)}m_{012}^{(11)} + 2m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(10)}m_{012}^{(10)} - m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(11)}m_{012}^{(00)}\\
&+m_{010}^{(22)}m_{001}^{(00)}m_{101}^{(00)}m_{021}^{(11)} - 2m_{010}^{(22)}m_{001}^{(00)}m_{101}^{(10)}m_{021}^{(10)} + m_{010}^{(22)}m_{001}^{(00)}m_{101}^{(11)}m_{021}^{(00)}\\
&+m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(00)}m_{102}^{(11)} - 2m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(10)}m_{102}^{(10)} + m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(11)}m_{102}^{(00)}\\
&-m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(00)}m_{111}^{(11)} + 2m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(10)} - m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(11)}m_{111}^{(00)}\\
&+m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(00)}m_{012}^{(11)} - 2m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(10)}m_{012}^{(10)} + m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(11)}m_{012}^{(00)}\\
&-m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(00)}m_{102}^{(11)} + 2m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(10)} - m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(11)}m_{102}^{(00)}\\
&-m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(00)}m_{111}^{(11)} + 2m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(10)} - m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(00)}\\
&+m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(00)}m_{201}^{(11)} - 2m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(10)} + m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(11)}m_{201}^{(00)}\\
&-m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(00)}m_{021}^{(11)} + 2m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(10)} - m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(00)}
\end{aligned}
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\begin{aligned}
&+3m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(00)}m_{111}^{(11)} - 6m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(10)} + 3m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(00)}\\
&-m_{010}^{(22)}m_{001}^{(20)}m_{101}^{(00)}m_{120}^{(11)} + 2m_{010}^{(22)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(10)} - m_{010}^{(22)}m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(00)}\\
&-2m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{201}^{(11)} + 4m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(10)} - 2m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(00)}\\
&+m_{010}^{(22)}m_{001}^{(20)}m_{011}^{(00)}m_{210}^{(11)} - 2m_{010}^{(22)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(10)} + m_{010}^{(22)}m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(00)}\\
&-m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(00)}m_{111}^{(11)} + 2m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(10)} - m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(00)}\\
&+m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{201}^{(11)} - 2m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(10)} + m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(00)}\\
&+m_{010}^{(22)}m_{001}^{(21)}m_{101}^{(00)}m_{210}^{(11)} - 2m_{010}^{(22)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(10)} + m_{010}^{(22)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(00)}\\
&-m_{010}^{(22)}m_{001}^{(21)}m_{011}^{(00)}m_{300}^{(11)} + 2m_{010}^{(22)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(10)} - m_{010}^{(22)}m_{001}^{(21)}m_{011}^{(11)}m_{300}^{(00)}\\
&+m_{010}^{(22)}m_{001}^{(22)}m_{200}^{(00)}m_{120}^{(11)} - 2m_{010}^{(22)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(10)} + m_{010}^{(22)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(00)}\\
&-2m_{010}^{(22)}m_{001}^{(22)}m_{110}^{(00)}m_{210}^{(11)} + 4m_{010}^{(22)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(10)} - 2m_{010}^{(22)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(00)}\\
&+m_{010}^{(22)}m_{001}^{(22)}m_{020}^{(00)}m_{300}^{(11)} - 2m_{010}^{(22)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(10)} + m_{010}^{(22)}m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(00)}\\
&+(m_{001}^{(00)})^2m_{110}^{(11)}m_{021}^{(22)} - 2(m_{001}^{(00)})^2m_{110}^{(21)}m_{021}^{(21)} + (m_{001}^{(00)})^2m_{110}^{(22)}m_{021}^{(11)}\\
&-(m_{001}^{(00)})^2m_{101}^{(11)}m_{030}^{(22)} + 2(m_{001}^{(00)})^2m_{101}^{(21)}m_{030}^{(21)} - (m_{001}^{(00)})^2m_{101}^{(22)}m_{030}^{(11)}\\
&-(m_{001}^{(00)})^2m_{020}^{(11)}m_{111}^{(22)} + 2(m_{001}^{(00)})^2m_{020}^{(21)}m_{111}^{(21)} - (m_{001}^{(00)})^2m_{020}^{(22)}m_{111}^{(11)}\\
&+(m_{001}^{(00)})^2m_{011}^{(11)}m_{120}^{(22)} - 2(m_{001}^{(00)})^2m_{011}^{(21)}m_{120}^{(21)} + (m_{001}^{(00)})^2m_{011}^{(22)}m_{120}^{(11)}\\
&-m_{001}^{(00)}m_{001}^{(10)}m_{200}^{(11)}m_{021}^{(22)} + 2m_{001}^{(00)}m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(21)} - m_{001}^{(00)}m_{001}^{(10)}m_{200}^{(22)}m_{021}^{(11)}\\
&-2m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(10)}m_{021}^{(22)} + 2m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(21)} + 2m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{021}^{(20)}\\
&-2m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{021}^{(10)} + 2m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(10)}m_{030}^{(22)} + 2m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(11)}m_{120}^{(22)}\\
&-2m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(20)}m_{030}^{(21)} - 4m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(21)} - 2m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{030}^{(20)}\\
&+2m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(22)}m_{120}^{(11)} + 2m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(22)}m_{030}^{(10)} + 2m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(10)}m_{111}^{(22)}\\
&+m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(11)}m_{201}^{(22)} - 2m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{111}^{(21)} - 2m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{201}^{(21)}\\
&-2m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{111}^{(20)} + m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{201}^{(11)} + 2m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{111}^{(10)}\\
&-2m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{120}^{(22)} - 2m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{210}^{(22)} + 2m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(21)}\\
&+4m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{210}^{(21)} + 2m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{120}^{(20)} - 2m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{210}^{(11)}\\
&-2m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{120}^{(10)} + m_{001}^{(00)}m_{001}^{(11)}m_{200}^{(11)}m_{111}^{(22)} - 2m_{001}^{(00)}m_{001}^{(11)}m_{200}^{(21)}m_{111}^{(21)}\\
&+m_{001}^{(00)}m_{001}^{(11)}m_{200}^{(22)}m_{111}^{(11)} + m_{001}^{(00)}m_{001}^{(11)}m_{110}^{(00)}m_{021}^{(22)} - m_{001}^{(00)}m_{001}^{(11)}m_{110}^{(11)}m_{201}^{(22)}\\
&-2m_{001}^{(00)}m_{001}^{(11)}m_{110}^{(20)}m_{021}^{(20)} + 2m_{001}^{(00)}m_{001}^{(11)}m_{110}^{(21)}m_{201}^{(21)} - m_{001}^{(00)}m_{001}^{(11)}m_{110}^{(22)}m_{201}^{(11)}\\
&+m_{001}^{(00)}m_{001}^{(11)}m_{110}^{(22)}m_{021}^{(00)} - m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(00)}m_{030}^{(22)} - m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(11)}m_{210}^{(22)}\\
&+2m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(20)}m_{030}^{(20)} + 2m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{210}^{(21)} - m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(22)}m_{210}^{(11)}\\
&-m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(22)}m_{030}^{(00)} - m_{001}^{(00)}m_{001}^{(11)}m_{020}^{(00)}m_{111}^{(22)} + 2m_{001}^{(00)}m_{001}^{(11)}m_{020}^{(20)}m_{111}^{(20)}\\
&-m_{001}^{(00)}m_{001}^{(11)}m_{020}^{(22)}m_{111}^{(00)} + m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(00)}m_{120}^{(22)} + m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(11)}m_{300}^{(22)}\\
&-2m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{120}^{(20)} - 2m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{300}^{(21)} + m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(22)}m_{300}^{(11)}\\
&+m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(22)}m_{120}^{(00)} + m_{001}^{(00)}m_{001}^{(20)}m_{200}^{(11)}m_{030}^{(22)} - 2m_{001}^{(00)}m_{001}^{(20)}m_{200}^{(21)}m_{030}^{(21)}\\
&+m_{001}^{(00)}m_{001}^{(20)}m_{200}^{(22)}m_{030}^{(11)} + 2m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(21)} - 2m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(11)}m_{120}^{(22)}\\
&-2m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(11)}m_{021}^{(20)} - 2m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(11)} + 4m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(21)}\\
&+2m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(10)} - 2m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(22)}m_{120}^{(11)} - 2m_{001}^{(00)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(21)}\\
&+2m_{001}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{030}^{(20)} + 2m_{001}^{(00)}m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(11)} - 2m_{001}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{030}^{(10)}\\
&-2m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(21)} + m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{210}^{(22)} + 2m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{111}^{(20)}
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\begin{aligned}
&+2m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(11)} - 2m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{210}^{(21)} - 2m_{001}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{111}^{(10)}\\
&+m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(22)}m_{210}^{(11)} + 2m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(21)} - 2m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{120}^{(20)}\\
&-2m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(11)} + 2m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(10)} - m_{001}^{(00)}m_{001}^{(21)}m_{200}^{(11)}m_{120}^{(22)}\\
&+2m_{001}^{(00)}m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(21)} - m_{001}^{(00)}m_{001}^{(21)}m_{200}^{(22)}m_{120}^{(11)} - 2m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(00)}m_{021}^{(21)}\\
&+2m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{021}^{(20)} + 2m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(11)}m_{210}^{(22)} + 2m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{021}^{(10)}\\
&-4m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(21)} - 2m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{021}^{(00)} + 2m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(11)}\\
&+2m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(00)}m_{030}^{(21)} - 2m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{030}^{(20)} - 2m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(20)}m_{030}^{(10)}\\
&+2m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{030}^{(00)} + 2m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(21)} - 2m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{111}^{(20)}\\
&-m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(11)}m_{300}^{(22)} - 2m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{111}^{(10)} + 2m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{300}^{(20)}\\
&+2m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{111}^{(00)} - m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{300}^{(11)} - 2m_{001}^{(00)}m_{001}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{120}\\
&+2m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{120}^{(20)} + 2m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{120}^{(10)} - 2m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{120}^{(00)}\\
&+m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(00)}m_{021}^{(11)} - 2m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{021}^{(10)} + m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(11)}m_{021}^{(00)}\\
&-m_{001}^{(00)}m_{001}^{(22)}m_{101}^{(00)}m_{030}^{(11)} + 2m_{001}^{(00)}m_{001}^{(22)}m_{101}^{(10)}m_{030}^{(10)} - m_{001}^{(00)}m_{001}^{(22)}m_{101}^{(11)}m_{030}^{(00)}\\
&-m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(11)} + 2m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(10)}m_{111}^{(10)} - m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(11)}m_{111}^{(00)}\\
&+m_{001}^{(00)}m_{001}^{(22)}m_{011}^{(00)}m_{120}^{(11)} - 2m_{001}^{(00)}m_{001}^{(22)}m_{011}^{(10)}m_{120}^{(10)} + m_{001}^{(00)}m_{001}^{(22)}m_{011}^{(11)}m_{120}^{(00)}\\
&+2(m_{001}^{(10)})^2m_{200}^{(10)}m_{021}^{(22)} - 2(m_{001}^{(10)})^2m_{200}^{(20)}m_{021}^{(21)} - 2(m_{001}^{(10)})^2m_{200}^{(21)}m_{021}^{(20)}\\
&+2(m_{001}^{(10)})^2m_{200}^{(22)}m_{021}^{(10)} - 4(m_{001}^{(10)})^2m_{101}^{(10)}m_{120}^{(22)} + 4(m_{001}^{(10)})^2m_{101}^{(20)}m_{120}^{(21)}\\
&+4(m_{001}^{(10)})^2m_{101}^{(21)}m_{120}^{(20)} - 4(m_{001}^{(10)})^2m_{101}^{(22)}m_{120}^{(10)} - 2(m_{001}^{(10)})^2m_{020}^{(10)}m_{201}^{(22)}\\
&+2(m_{001}^{(10)})^2m_{020}^{(20)}m_{201}^{(21)} + 2(m_{001}^{(10)})^2m_{020}^{(21)}m_{201}^{(20)} - 2(m_{001}^{(10)})^2m_{020}^{(22)}m_{201}^{(10)}\\
&+4(m_{001}^{(10)})^2m_{011}^{(10)}m_{210}^{(22)} - 4(m_{001}^{(10)})^2m_{011}^{(20)}m_{210}^{(21)} - 4(m_{001}^{(10)})^2m_{011}^{(21)}m_{210}^{(20)}\\
&+4(m_{001}^{(10)})^2m_{011}^{(22)}m_{210}^{(10)} - m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(00)}m_{021}^{(22)} - 2m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(10)}m_{111}^{(22)}\\
&+2m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{111}^{(21)} + 2m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{021}^{(20)} + 2m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{111}^{(20)}\\
&-2m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{111}^{(10)} - m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{021}^{(00)} + 2m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(10)}m_{201}^{(22)}\\
&-2m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{201}^{(21)} - 2m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(21)}m_{201}^{(20)} + 2m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{201}^{(10)}\\
&+2m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{120}^{(22)} + 2m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{210}^{(22)} - 2m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{210}^{(21)}\\
&-4m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{120}^{(20)} - 2m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{210}^{(20)} + 2m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{210}^{(10)}\\
&+2m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{120}^{(00)} + m_{001}^{(10)}m_{001}^{(11)}m_{020}^{(00)}m_{201}^{(22)} - 2m_{001}^{(10)}m_{001}^{(11)}m_{020}^{(20)}m_{201}^{(20)}\\
&+m_{001}^{(10)}m_{001}^{(11)}m_{020}^{(22)}m_{201}^{(00)} - 2m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{210}^{(22)} - 2m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(10)}m_{300}^{(22)}\\
&+2m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{300}^{(21)} + 4m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{210}^{(20)} + 2m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(21)}m_{300}^{(20)}\\
&-2m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(22)}m_{300}^{(10)} - 2m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(22)}m_{210}^{(00)} - 2m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(10)}m_{030}^{(22)}\\
&-2m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(21)} + 2m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(20)} + 2m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(20)}m_{030}^{(21)}\\
&+2m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(20)}m_{021}^{(11)} + 2m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{030}^{(20)} - 2m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(10)}\\
&-2m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(22)}m_{030}^{(10)} + 4m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{120}^{(22)} - 4m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(21)}\\
&-4m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(20)} + 4m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{120}^{(10)} + 4m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(21)}\\
&-4m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(20)} - 4m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(11)} + 4m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(10)}\\
&-2m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{210}^{(22)} + 2m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(21)} - 2m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(20)}\\
&+2m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(21)} - 2m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{201}^{(11)} + 2m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{210}^{(20)}\\
&+2m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(10)} - 2m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(22)}m_{210}^{(10)} - 4m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(21)}
\end{aligned}
$$

$$
\begin{aligned}
&+4m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(20)} + 4m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(11)} - 4m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(10)}\\
&+2m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(21)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{120}^{(22)} - 2m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(20)}\\
&-2m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{120}^{(21)} - 2m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(10)} - 2m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(20)}\\
&+2m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(00)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(22)}m_{120}^{(10)} - 4m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{210}^{(22)}\\
&+4m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(21)} + 4m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(20)} - 4m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(10)}\\
&-4m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(21)} + 4m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(20)} + 4m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(10)}\\
&-4m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(00)} - 2m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(21)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(10)}m_{300}^{(22)}\\
&+2m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(20)} - 2m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{300}^{(21)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(10)}\\
&-2m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(21)}m_{300}^{(20)} - 2m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(21)}m_{201}^{(00)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(22)}m_{300}^{(10)}\\
&+4m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(21)} - 4m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(20)} - 4m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(10)}\\
&+4m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(00)} - m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(00)}m_{021}^{(11)} + 2m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(10)}\\
&-m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{021}^{(00)} + 2m_{001}^{(10)}m_{001}^{(22)}m_{101}^{(00)}m_{120}^{(11)} - 4m_{001}^{(10)}m_{001}^{(22)}m_{101}^{(10)}m_{120}^{(10)}\\
&+2m_{001}^{(10)}m_{001}^{(22)}m_{101}^{(11)}m_{120}^{(00)} + m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{201}^{(11)} - 2m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(10)}\\
&+m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(11)}m_{201}^{(00)} - 2m_{001}^{(10)}m_{001}^{(22)}m_{011}^{(00)}m_{210}^{(11)} + 4m_{001}^{(10)}m_{001}^{(22)}m_{011}^{(10)}m_{210}^{(10)}\\
&-2m_{001}^{(10)}m_{001}^{(22)}m_{011}^{(11)}m_{210}^{(00)} + (m_{001}^{(11)})^2m_{200}^{(00)}m_{111}^{(22)} - 2(m_{001}^{(11)})^2m_{200}^{(20)}m_{111}^{(20)}\\
&+(m_{001}^{(11)})^2m_{200}^{(22)}m_{111}^{(00)} - (m_{001}^{(11)})^2m_{110}^{(00)}m_{201}^{(22)} + 2(m_{001}^{(11)})^2m_{110}^{(20)}m_{201}^{(20)}\\
&-(m_{001}^{(11)})^2m_{110}^{(22)}m_{201}^{(00)} - (m_{001}^{(11)})^2m_{101}^{(00)}m_{210}^{(22)} + 2(m_{001}^{(11)})^2m_{101}^{(20)}m_{210}^{(20)}\\
&-(m_{001}^{(11)})^2m_{101}^{(22)}m_{210}^{(00)} + (m_{001}^{(11)})^2m_{011}^{(00)}m_{300}^{(22)} - 2(m_{001}^{(11)})^2m_{011}^{(20)}m_{300}^{(20)}\\
&+(m_{001}^{(11)})^2m_{011}^{(22)}m_{300}^{(00)} + m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(00)}m_{030}^{(22)} + 2m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{111}^{(21)}\\
&-2m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(11)}m_{111}^{(20)} - 2m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{111}^{(11)} - 2m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{030}^{(20)}\\
&+2m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{111}^{(10)} + m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(22)}m_{030}^{(00)} - 2m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(00)}m_{120}^{(22)}\\
&-2m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{201}^{(21)} + 2m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(11)}m_{201}^{(20)} + 2m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{201}^{(11)}\\
&+4m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(20)} - 2m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{201}^{(10)} - 2m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(22)}m_{120}^{(00)}\\
&-2m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{210}^{(21)} + 2m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{210}^{(20)} + 2m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{210}^{(11)}\\
&-2m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{210}^{(10)} + m_{001}^{(11)}m_{001}^{(20)}m_{020}^{(00)}m_{210}^{(22)} - 2m_{001}^{(11)}m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(20)}\\
&+m_{001}^{(11)}m_{001}^{(20)}m_{020}^{(22)}m_{210}^{(00)} + 2m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{300}^{(21)} - 2m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(11)}m_{300}^{(20)}\\
&-2m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{300}^{(11)} + 2m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{300}^{(10)} - m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{120}^{(22)}\\
&-2m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{111}^{(21)} + 2m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(20)} + 2m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{120}^{(20)}\\
&+2m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(10)} - 2m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(00)} - m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(22)}m_{120}^{(00)}\\
&+2m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{210}^{(22)} + 2m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{201}^{(21)} - 2m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(20)}\\
&-4m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(20)} - 2m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(10)} + 2m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(00)}\\
&+2m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(00)} + 2m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{210}^{(21)} - 2m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(20)}\\
&-2m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(10)} + 2m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(00)} - m_{001}^{(11)}m_{001}^{(21)}m_{020}^{(00)}m_{300}^{(22)}\\
&+2m_{001}^{(11)}m_{001}^{(21)}m_{020}^{(20)}m_{300}^{(20)} - m_{001}^{(11)}m_{001}^{(21)}m_{020}^{(22)}m_{300}^{(00)} - 2m_{001}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{300}^{(21)}\\
&+2m_{001}^{(11)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(20)} + 2m_{001}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(10)} - 2m_{001}^{(11)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(00)}\\
&+m_{001}^{(11)}m_{001}^{(22)}m_{200}^{(00)}m_{111}^{(11)} - 2m_{001}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{111}^{(10)} + m_{001}^{(11)}m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(00)}\\
&-m_{001}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{201}^{(11)} + 2m_{001}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{201}^{(10)} - m_{001}^{(11)}m_{001}^{(22)}m_{110}^{(11)}m_{201}^{(00)}\\
&-m_{001}^{(11)}m_{001}^{(22)}m_{101}^{(00)}m_{210}^{(11)} + 2m_{001}^{(11)}m_{001}^{(22)}m_{101}^{(10)}m_{210}^{(10)} - m_{001}^{(11)}m_{001}^{(22)}m_{101}^{(11)}m_{210}^{(00)}
\end{aligned}
$$

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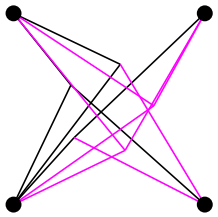
\begin{aligned}
&+m_{001}^{(11)}m_{001}^{(22)}m_{011}^{(00)}m_{300}^{(11)} - 2m_{001}^{(11)}m_{001}^{(22)}m_{011}^{(10)}m_{300}^{(10)} + m_{001}^{(11)}m_{001}^{(22)}m_{011}^{(11)}m_{300}^{(00)}\\
&+2(m_{001}^{(20)})^2m_{200}^{(10)}m_{030}^{(21)} - 2(m_{001}^{(20)})^2m_{200}^{(11)}m_{030}^{(20)} - 2(m_{001}^{(20)})^2m_{200}^{(20)}m_{030}^{(11)}\\
&+2(m_{001}^{(20)})^2m_{200}^{(21)}m_{030}^{(10)} - 4(m_{001}^{(20)})^2m_{110}^{(10)}m_{120}^{(21)} + 4(m_{001}^{(20)})^2m_{110}^{(11)}m_{120}^{(20)}\\
&+4(m_{001}^{(20)})^2m_{110}^{(20)}m_{120}^{(11)} - 4(m_{001}^{(20)})^2m_{110}^{(21)}m_{120}^{(10)} + 2(m_{001}^{(20)})^2m_{020}^{(10)}m_{210}^{(21)}\\
&-2(m_{001}^{(20)})^2m_{020}^{(11)}m_{210}^{(20)} - 2(m_{001}^{(20)})^2m_{020}^{(20)}m_{210}^{(11)} + 2(m_{001}^{(20)})^2m_{020}^{(21)}m_{210}^{(10)}\\
&-2m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(00)}m_{030}^{(21)} - 2m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{120}^{(21)} + 2m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{030}^{(20)}\\
&+2m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{120}^{(20)} + 2m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{120}^{(11)} + 2m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{030}^{(10)}\\
&-2m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(10)} - 2m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{030}^{(00)} + 4m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{120}^{(21)}\\
&+4m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{210}^{(21)} - 4m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{120}^{(20)} - 4m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{210}^{(20)}\\
&-4m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(11)} - 4m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(10)} + 4m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(10)}\\
&+4m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{120}^{(00)} - 2m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{210}^{(21)} - 2m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{300}^{(21)}\\
&+2m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{210}^{(20)} + 2m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(11)}m_{300}^{(20)} + 2m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{300}^{(11)}\\
&+2m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(10)} - 2m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{300}^{(10)} - 2m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{210}^{(00)}\\
&+m_{001}^{(20)}m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(11)} - 2m_{001}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(10)} + m_{001}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{030}^{(00)}\\
&-2m_{001}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(11)} + 4m_{001}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(10)} - 2m_{001}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{120}^{(00)}\\
&+m_{001}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(11)} - 2m_{001}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(10)} + m_{001}^{(20)}m_{001}^{(22)}m_{020}^{(11)}m_{210}^{(00)}\\
&+2(m_{001}^{(21)})^2m_{200}^{(00)}m_{120}^{(21)} - 2(m_{001}^{(21)})^2m_{200}^{(10)}m_{120}^{(20)} - 2(m_{001}^{(21)})^2m_{200}^{(20)}m_{120}^{(10)}\\
&+2(m_{001}^{(21)})^2m_{200}^{(21)}m_{120}^{(00)} - 4(m_{001}^{(21)})^2m_{110}^{(00)}m_{210}^{(21)} + 4(m_{001}^{(21)})^2m_{110}^{(10)}m_{210}^{(20)}\\
&+4(m_{001}^{(21)})^2m_{110}^{(20)}m_{210}^{(10)} - 4(m_{001}^{(21)})^2m_{110}^{(21)}m_{210}^{(00)} + 2(m_{001}^{(21)})^2m_{020}^{(00)}m_{300}^{(21)}\\
&-2(m_{001}^{(21)})^2m_{020}^{(10)}m_{300}^{(20)} - 2(m_{001}^{(21)})^2m_{020}^{(20)}m_{300}^{(10)} + 2(m_{001}^{(21)})^2m_{020}^{(21)}m_{300}^{(00)}\\
&-m_{001}^{(21)}m_{001}^{(22)}m_{200}^{(00)}m_{120}^{(11)} + 2m_{001}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(10)} - m_{001}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(00)}\\
&+2m_{001}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{210}^{(11)} - 4m_{001}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(10)} + 2m_{001}^{(21)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(00)}\\
&-m_{001}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{300}^{(11)} + 2m_{001}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(10)} - m_{001}^{(21)}m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{ccccc}
V1 & V1 & 1 & 1 & 1\\
V2 & V2 & 2 & 2 & 3\\
V3 & V3 & V4 & 4 & V4
\end{array}
$$



$$
\begin{aligned}
T_{93} \;=\;& -m_{100}^{(00)} m_{100}^{(10)} m_{020}^{(11)} m_{003}^{(22)} + 2m_{100}^{(00)} m_{100}^{(10)} m_{020}^{(21)} m_{003}^{(21)} - m_{100}^{(00)} m_{100}^{(10)} m_{020}^{(22)} m_{003}^{(11)} \\
& +2m_{100}^{(00)} m_{100}^{(10)} m_{011}^{(11)} m_{012}^{(22)} - 4m_{100}^{(00)} m_{100}^{(10)} m_{011}^{(21)} m_{012}^{(21)} + 2m_{100}^{(00)} m_{100}^{(10)} m_{011}^{(22)} m_{012}^{(11)} \\
& -m_{100}^{(00)} m_{100}^{(10)} m_{002}^{(11)} m_{021}^{(22)} + 2m_{100}^{(00)} m_{100}^{(10)} m_{002}^{(21)} m_{021}^{(21)} - m_{100}^{(00)} m_{100}^{(10)} m_{002}^{(22)} m_{021}^{(11)} \\
& +m_{100}^{(00)} m_{100}^{(11)} m_{020}^{(10)} m_{003}^{(22)} - m_{100}^{(00)} m_{100}^{(11)} m_{020}^{(20)} m_{003}^{(21)} - m_{100}^{(00)} m_{100}^{(11)} m_{020}^{(21)} m_{003}^{(20)} \\
& +m_{100}^{(00)} m_{100}^{(11)} m_{020}^{(22)} m_{003}^{(10)} - 2m_{100}^{(00)} m_{100}^{(11)} m_{011}^{(10)} m_{012}^{(22)} + 2m_{100}^{(00)} m_{100}^{(11)} m_{011}^{(20)} m_{012}^{(21)} \\
& +2m_{100}^{(00)} m_{100}^{(11)} m_{011}^{(21)} m_{012}^{(20)} - 2m_{100}^{(00)} m_{100}^{(11)} m_{011}^{(22)} m_{012}^{(10)} + m_{100}^{(00)} m_{100}^{(11)} m_{002}^{(10)} m_{021}^{(22)} \\
& -m_{100}^{(00)} m_{100}^{(11)} m_{002}^{(20)} m_{021}^{(21)} - m_{100}^{(00)} m_{100}^{(11)} m_{002}^{(21)} m_{021}^{(20)} + m_{100}^{(00)} m_{100}^{(11)} m_{002}^{(22)} m_{021}^{(10)} \\
& +m_{100}^{(00)} m_{100}^{(20)} m_{020}^{(11)} m_{012}^{(22)} - 2m_{100}^{(00)} m_{100}^{(20)} m_{020}^{(21)} m_{012}^{(21)} + m_{100}^{(00)} m_{100}^{(20)} m_{020}^{(22)} m_{012}^{(11)} \\
& -2m_{100}^{(00)} m_{100}^{(20)} m_{011}^{(11)} m_{021}^{(22)} + 4m_{100}^{(00)} m_{100}^{(20)} m_{011}^{(21)} m_{021}^{(21)} - 2m_{100}^{(00)} m_{100}^{(20)} m_{011}^{(22)} m_{021}^{(11)} \\
& +m_{100}^{(00)} m_{100}^{(20)} m_{002}^{(11)} m_{030}^{(22)} - 2m_{100}^{(00)} m_{100}^{(20)} m_{002}^{(21)} m_{030}^{(21)} + m_{100}^{(00)} m_{100}^{(20)} m_{002}^{(22)} m_{030}^{(11)} \\
& -m_{100}^{(00)} m_{100}^{(21)} m_{020}^{(10)} m_{012}^{(22)} - m_{100}^{(00)} m_{100}^{(21)} m_{020}^{(11)} m_{003}^{(20)} + m_{100}^{(00)} m_{100}^{(21)} m_{020}^{(20)} m_{003}^{(11)} \\
& +m_{100}^{(00)} m_{100}^{(21)} m_{020}^{(20)} m_{012}^{(21)} + m_{100}^{(00)} m_{100}^{(21)} m_{020}^{(21)} m_{012}^{(20)} - m_{100}^{(00)} m_{100}^{(21)} m_{020}^{(21)} m_{003}^{(10)} \\
& -m_{100}^{(00)} m_{100}^{(21)} m_{020}^{(22)} m_{012}^{(10)} + 2m_{100}^{(00)} m_{100}^{(21)} m_{011}^{(10)} m_{021}^{(22)} + 2m_{100}^{(00)} m_{100}^{(21)} m_{011}^{(21)} m_{012}^{(10)} \\
& -2m_{100}^{(00)} m_{100}^{(21)} m_{011}^{(11)} m_{012}^{(20)} - 2m_{100}^{(00)} m_{100}^{(21)} m_{011}^{(20)} m_{012}^{(21)} - 2m_{100}^{(00)} m_{100}^{(21)} m_{011}^{(21)} m_{012}^{(20)} \\
& +2m_{100}^{(00)} m_{100}^{(21)} m_{011}^{(22)} m_{012}^{(11)} - 2m_{100}^{(00)} m_{100}^{(21)} m_{011}^{(22)} m_{021}^{(10)} + 2m_{100}^{(00)} m_{100}^{(21)} m_{011}^{(21)} m_{021}^{(10)} \\
& +2m_{100}^{(00)} m_{100}^{(21)} m_{011}^{(22)} m_{021}^{(10)} - m_{100}^{(00)} m_{100}^{(21)} m_{002}^{(10)} m_{030}^{(22)} - m_{100}^{(00)} m_{100}^{(21)} m_{002}^{(11)} m_{021}^{(20)} \\
& +m_{100}^{(00)} m_{100}^{(21)} m_{002}^{(20)} m_{021}^{(21)} + m_{100}^{(00)} m_{100}^{(21)} m_{002}^{(21)} m_{021}^{(11)} + m_{100}^{(00)} m_{100}^{(21)} m_{002}^{(22)} m_{021}^{(10)} \\
& +m_{100}^{(00)} m_{100}^{(21)} m_{030}^{(20)} m_{002}^{(21)} - m_{100}^{(00)} m_{100}^{(21)} m_{030}^{(21)} m_{002}^{(10)} - m_{100}^{(00)} m_{100}^{(21)} m_{030}^{(22)} m_{002}^{(10)} \\
& +m_{100}^{(00)} m_{100}^{(22)} m_{010}^{(10)} m_{021}^{(21)} - m_{100}^{(00)} m_{100}^{(22)} m_{020}^{(11)} m_{012}^{(20)} - m_{100}^{(00)} m_{100}^{(22)} m_{020}^{(20)} m_{012}^{(11)} \\
& +m_{100}^{(00)} m_{100}^{(22)} m_{020}^{(21)} m_{012}^{(10)} - 2m_{100}^{(00)} m_{100}^{(22)} m_{011}^{(10)} m_{021}^{(21)} + 2m_{100}^{(00)} m_{100}^{(22)} m_{011}^{(11)} m_{021}^{(20)} \\
& +2m_{100}^{(00)} m_{100}^{(22)} m_{011}^{(20)} m_{021}^{(11)} - 2m_{100}^{(00)} m_{100}^{(22)} m_{011}^{(21)} m_{021}^{(10)} + m_{100}^{(00)} m_{100}^{(22)} m_{002}^{(10)} m_{030}^{(21)} \\
& -m_{100}^{(00)} m_{100}^{(22)} m_{002}^{(11)} m_{030}^{(20)} - m_{100}^{(00)} m_{100}^{(22)} m_{002}^{(20)} m_{030}^{(11)} + m_{100}^{(00)} m_{100}^{(22)} m_{002}^{(21)} m_{030}^{(10)} \\
& +m_{100}^{(00)} m_{010}^{(00)} m_{020}^{(11)} m_{003}^{(22)} - 2m_{100}^{(00)} m_{010}^{(00)} m_{020}^{(21)} m_{003}^{(21)} + m_{100}^{(00)} m_{010}^{(00)} m_{020}^{(22)} m_{003}^{(11)} \\
& -2m_{100}^{(00)} m_{010}^{(00)} m_{011}^{(11)} m_{012}^{(22)} + 4m_{100}^{(00)} m_{010}^{(00)} m_{011}^{(21)} m_{012}^{(21)} - 2m_{100}^{(00)} m_{010}^{(00)} m_{011}^{(22)} m_{012}^{(11)} \\
& +m_{100}^{(00)} m_{010}^{(00)} m_{002}^{(11)} m_{021}^{(22)} - 2m_{100}^{(00)} m_{010}^{(00)} m_{002}^{(21)} m_{021}^{(21)} + m_{100}^{(00)} m_{010}^{(00)} m_{002}^{(22)} m_{021}^{(11)} \\
& -m_{100}^{(00)} m_{010}^{(10)} m_{020}^{(10)} m_{003}^{(22)} + m_{100}^{(00)} m_{010}^{(10)} m_{020}^{(20)} m_{003}^{(21)} + m_{100}^{(00)} m_{010}^{(10)} m_{020}^{(21)} m_{003}^{(20)} \\
& -m_{100}^{(00)} m_{010}^{(10)} m_{020}^{(22)} m_{003}^{(10)} + 2m_{100}^{(00)} m_{010}^{(10)} m_{011}^{(10)} m_{012}^{(22)} - 2m_{100}^{(00)} m_{010}^{(10)} m_{011}^{(20)} m_{012}^{(21)} \\
& -2m_{100}^{(00)} m_{010}^{(10)} m_{011}^{(21)} m_{012}^{(20)} + 2m_{100}^{(00)} m_{010}^{(10)} m_{011}^{(22)} m_{012}^{(10)} - m_{100}^{(00)} m_{010}^{(10)} m_{002}^{(10)} m_{021}^{(22)} \\
& +m_{100}^{(00)} m_{010}^{(10)} m_{002}^{(20)} m_{021}^{(21)} + m_{100}^{(00)} m_{010}^{(10)} m_{002}^{(21)} m_{021}^{(20)} - m_{100}^{(00)} m_{010}^{(10)} m_{002}^{(22)} m_{021}^{(10)} \\
& +m_{100}^{(00)} m_{010}^{(20)} m_{010}^{(10)} m_{021}^{(21)} - m_{100}^{(00)} m_{010}^{(20)} m_{020}^{(11)} m_{102}^{(22)} - m_{100}^{(00)} m_{010}^{(20)} m_{020}^{(11)} m_{003}^{(20)} \\
& -m_{100}^{(00)} m_{010}^{(20)} m_{020}^{(20)} m_{003}^{(11)} + 2m_{100}^{(00)} m_{010}^{(20)} m_{020}^{(21)} m_{102}^{(21)} + m_{100}^{(00)} m_{010}^{(20)} m_{020}^{(21)} m_{003}^{(10)} \\
& -m_{100}^{(00)} m_{010}^{(20)} m_{020}^{(22)} m_{102}^{(11)} - 2m_{100}^{(00)} m_{010}^{(20)} m_{011}^{(10)} m_{012}^{(21)} + 2m_{100}^{(00)} m_{010}^{(20)} m_{011}^{(11)} m_{111}^{(22)} \\
& +2m_{100}^{(00)} m_{010}^{(20)} m_{011}^{(11)} m_{012}^{(20)} + 2m_{100}^{(00)} m_{010}^{(20)} m_{011}^{(20)} m_{012}^{(11)} - 4m_{100}^{(00)} m_{010}^{(20)} m_{011}^{(21)} m_{111}^{(21)} \\
& -2m_{100}^{(00)} m_{010}^{(20)} m_{011}^{(21)} m_{012}^{(10)} + 2m_{100}^{(00)} m_{010}^{(20)} m_{011}^{(22)} m_{111}^{(11)} + m_{100}^{(00)} m_{010}^{(20)} m_{002}^{(10)} m_{021}^{(21)} \\
& -m_{100}^{(00)} m_{010}^{(20)} m_{002}^{(11)} m_{120}^{(22)} - m_{100}^{(00)} m_{010}^{(20)} m_{002}^{(11)} m_{021}^{(20)} - m_{100}^{(00)} m_{010}^{(20)} m_{002}^{(20)} m_{021}^{(11)} \\
& +2m_{100}^{(00)} m_{010}^{(20)} m_{002}^{(21)} m_{120}^{(21)} + m_{100}^{(00)} m_{010}^{(20)} m_{002}^{(21)} m_{021}^{(10)} - m_{100}^{(00)} m_{010}^{(20)} m_{002}^{(22)} m_{120}^{(11)} \\
& +m_{100}^{(00)} m_{010}^{(21)} m_{020}^{(10)} m_{102}^{(22)} - m_{100}^{(00)} m_{010}^{(21)} m_{020}^{(20)} m_{102}^{(21)} - m_{100}^{(00)} m_{010}^{(21)} m_{020}^{(21)} m_{102}^{(20)} \\
& +m_{100}^{(00)} m_{010}^{(21)} m_{020}^{(22)} m_{102}^{(10)} - 2m_{100}^{(00)} m_{010}^{(21)} m_{011}^{(10)} m_{111}^{(22)} + 2m_{100}^{(00)} m_{010}^{(21)} m_{011}^{(20)} m_{111}^{(21)}
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&+2m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{111}^{(20)} - 2m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{111}^{(10)} + m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(10)}m_{120}^{(22)}\\
&-m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(20)}m_{120}^{(21)} - m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(21)}m_{120}^{(20)} + m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(22)}m_{120}^{(10)}\\
&-m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(10)}m_{102}^{(21)} + m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(11)}m_{102}^{(20)} + m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(20)}m_{102}^{(11)}\\
&-m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(21)}m_{102}^{(10)} + 2m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(10)}m_{111}^{(21)} - 2m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(11)}m_{111}^{(20)}\\
&-2m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(20)}m_{111}^{(11)} + 2m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{111}^{(10)} - m_{100}^{(00)}m_{010}^{(22)}m_{002}^{(10)}m_{120}^{(21)}\\
&+m_{100}^{(00)}m_{010}^{(22)}m_{002}^{(11)}m_{120}^{(20)} + m_{100}^{(00)}m_{010}^{(22)}m_{002}^{(20)}m_{120}^{(11)} - m_{100}^{(00)}m_{010}^{(22)}m_{002}^{(21)}m_{120}^{(10)}\\
&-m_{100}^{(00)}m_{001}^{(00)}m_{020}^{(11)}m_{012}^{(22)} + 2m_{100}^{(00)}m_{001}^{(00)}m_{020}^{(21)}m_{012}^{(21)} - m_{100}^{(00)}m_{001}^{(00)}m_{020}^{(22)}m_{012}^{(11)}\\
&+2m_{100}^{(00)}m_{001}^{(00)}m_{011}^{(11)}m_{021}^{(22)} - 4m_{100}^{(00)}m_{001}^{(00)}m_{011}^{(21)}m_{021}^{(21)} + 2m_{100}^{(00)}m_{001}^{(00)}m_{011}^{(22)}m_{021}^{(11)}\\
&-m_{100}^{(00)}m_{001}^{(00)}m_{002}^{(11)}m_{030}^{(22)} + 2m_{100}^{(00)}m_{001}^{(00)}m_{002}^{(21)}m_{030}^{(21)} - m_{100}^{(00)}m_{001}^{(00)}m_{002}^{(22)}m_{030}^{(11)}\\
&+m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(10)}m_{012}^{(22)} + m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(11)}m_{102}^{(22)} - m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{012}^{(21)}\\
&-2m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{102}^{(21)} - m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{012}^{(20)} + m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{102}^{(11)}\\
&+m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{012}^{(10)} - 2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{021}^{(22)} - 2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{111}^{(22)}\\
&+2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{021}^{(21)} + 4m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(21)} + 2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{021}^{(20)}\\
&-2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{111}^{(11)} - 2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{021}^{(10)} + m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{030}^{(22)}\\
&+m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{120}^{(22)} - m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(20)}m_{030}^{(21)} - 2m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{120}^{(21)}\\
&-m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{030}^{(20)} + m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(22)}m_{120}^{(11)} + m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(22)}m_{030}^{(10)}\\
&-m_{100}^{(00)}m_{001}^{(11)}m_{020}^{(10)}m_{102}^{(22)} + m_{100}^{(00)}m_{001}^{(11)}m_{020}^{(20)}m_{102}^{(21)} + m_{100}^{(00)}m_{001}^{(11)}m_{020}^{(21)}m_{102}^{(20)}\\
&-m_{100}^{(00)}m_{001}^{(11)}m_{020}^{(22)}m_{102}^{(10)} + 2m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(10)}m_{111}^{(22)} - 2m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(21)}\\
&-2m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{111}^{(20)} + 2m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(22)}m_{111}^{(10)} - m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(10)}m_{120}^{(22)}\\
&+m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(20)}m_{120}^{(21)} + m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{120}^{(20)} - m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(22)}m_{120}^{(10)}\\
&-m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{012}^{(21)} + m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{012}^{(20)} + m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{012}^{(11)}\\
&-m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{012}^{(10)} + 2m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{021}^{(21)} - 2m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{021}^{(20)}\\
&-2m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{021}^{(11)} + 2m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{021}^{(10)} - m_{100}^{(00)}m_{001}^{(20)}m_{002}^{(10)}m_{030}^{(21)}\\
&+m_{100}^{(00)}m_{001}^{(20)}m_{002}^{(11)}m_{030}^{(20)} + m_{100}^{(00)}m_{001}^{(20)}m_{002}^{(20)}m_{030}^{(11)} - m_{100}^{(00)}m_{001}^{(20)}m_{002}^{(21)}m_{030}^{(10)}\\
&+m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{102}^{(21)} - m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(11)}m_{102}^{(20)} - m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{102}^{(11)}\\
&+m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{102}^{(10)} - 2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(21)} + 2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{111}^{(20)}\\
&+2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{111}^{(11)} - 2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{111}^{(10)} + m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(10)}m_{120}^{(21)}\\
&-m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(11)}m_{120}^{(20)} - m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(20)}m_{120}^{(11)} + m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(21)}m_{120}^{(10)}\\
&+(m_{100}^{(10)})^2m_{110}^{(11)}m_{003}^{(22)} - 2(m_{100}^{(10)})^2m_{110}^{(21)}m_{003}^{(21)} + (m_{100}^{(10)})^2m_{110}^{(22)}m_{003}^{(11)}\\
&-(m_{100}^{(10)})^2m_{101}^{(11)}m_{012}^{(22)} + 2(m_{100}^{(10)})^2m_{101}^{(21)}m_{012}^{(21)} - (m_{100}^{(10)})^2m_{101}^{(22)}m_{012}^{(11)}\\
&+(m_{100}^{(10)})^2m_{020}^{(10)}m_{003}^{(22)} - (m_{100}^{(10)})^2m_{020}^{(20)}m_{003}^{(21)} - (m_{100}^{(10)})^2m_{020}^{(21)}m_{003}^{(20)}\\
&+(m_{100}^{(10)})^2m_{020}^{(22)}m_{003}^{(10)} - 2(m_{100}^{(10)})^2m_{011}^{(10)}m_{012}^{(22)} - (m_{100}^{(10)})^2m_{011}^{(11)}m_{102}^{(22)}\\
&+2(m_{100}^{(10)})^2m_{011}^{(20)}m_{012}^{(21)} + 2(m_{100}^{(10)})^2m_{011}^{(21)}m_{102}^{(21)} + 2(m_{100}^{(10)})^2m_{011}^{(21)}m_{012}^{(20)}\\
&-(m_{100}^{(10)})^2m_{011}^{(22)}m_{102}^{(11)} - 2(m_{100}^{(10)})^2m_{011}^{(22)}m_{012}^{(10)} + (m_{100}^{(10)})^2m_{002}^{(10)}m_{021}^{(22)}\\
&+(m_{100}^{(10)})^2m_{002}^{(11)}m_{111}^{(22)} - (m_{100}^{(10)})^2m_{002}^{(20)}m_{021}^{(21)} - 2(m_{100}^{(10)})^2m_{002}^{(21)}m_{111}^{(21)}\\
&-(m_{100}^{(10)})^2m_{002}^{(21)}m_{021}^{(20)} + (m_{100}^{(10)})^2m_{002}^{(22)}m_{111}^{(11)} + (m_{100}^{(10)})^2m_{002}^{(22)}m_{021}^{(10)}\\
&-2m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(10)}m_{003}^{(22)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(20)}m_{003}^{(21)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(21)}m_{003}^{(20)}\\
&-2m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(22)}m_{003}^{(10)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(10)}m_{012}^{(22)} - 2m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(20)}m_{012}^{(21)}
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&-2m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(21)}m_{012}^{(20)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(22)}m_{012}^{(10)} - m_{100}^{(10)}m_{100}^{(11)}m_{020}^{(00)}m_{003}^{(22)}\\
&+2m_{100}^{(10)}m_{100}^{(11)}m_{020}^{(20)}m_{003}^{(20)} - m_{100}^{(10)}m_{100}^{(11)}m_{020}^{(22)}m_{003}^{(00)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(00)}m_{012}^{(22)}\\
&+2m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(10)}m_{102}^{(22)} - 2m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(20)}m_{102}^{(21)} - 4m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(20)}m_{012}^{(20)}\\
&-2m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(21)}m_{102}^{(20)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(22)}m_{102}^{(10)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(22)}m_{012}^{(00)}\\
&-m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(00)}m_{021}^{(22)} - 2m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(10)}m_{111}^{(22)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(20)}m_{111}^{(21)}\\
&+2m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(20)}m_{021}^{(20)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(21)}m_{111}^{(20)} - 2m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(22)}m_{111}^{(10)}\\
&-m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(22)}m_{021}^{(00)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(11)}m_{012}^{(22)} + 4m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{012}^{(21)}\\
&-2m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(22)}m_{012}^{(11)} + 2m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(11)}m_{021}^{(22)} - 4m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{021}^{(21)}\\
&+2m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(22)}m_{021}^{(11)} - m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(10)}m_{012}^{(22)} - m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(10)}m_{003}^{(21)}\\
&+m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(11)}m_{102}^{(22)} + m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(11)}m_{003}^{(20)} + m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(20)}m_{012}^{(21)}\\
&+m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(20)}m_{003}^{(11)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(21)}m_{102}^{(21)} + m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(21)}m_{012}^{(20)}\\
&-m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(21)}m_{003}^{(10)} + m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(22)}m_{102}^{(11)} - m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(22)}m_{012}^{(10)}\\
&+2m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(10)}m_{021}^{(22)} + 2m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(10)}m_{012}^{(21)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(11)}m_{012}^{(20)}\\
&-2m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(20)}m_{021}^{(21)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(20)}m_{012}^{(11)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{021}^{(20)}\\
&+2m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{012}^{(10)} + 2m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(22)}m_{021}^{(10)} - m_{100}^{(10)}m_{100}^{(20)}m_{100}^{(10)}m_{002}^{(22)}m_{030}\\
&-m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(10)}m_{021}^{(21)} - m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(11)}m_{120}^{(22)} + m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(11)}m_{021}^{(20)}\\
&+m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(20)}m_{030}^{(21)} + m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(20)}m_{021}^{(11)} + 2m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(21)}m_{120}^{(21)}\\
&+m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(21)}m_{030}^{(20)} - m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(21)}m_{021}^{(10)} - m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(22)}m_{120}^{(11)}\\
&-m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(22)}m_{030}^{(10)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(10)}m_{012}^{(22)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(10)}m_{003}^{(21)}\\
&-2m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(11)}m_{003}^{(20)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(20)}m_{012}^{(21)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(20)}m_{003}^{(11)}\\
&-2m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{012}^{(20)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{003}^{(10)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(22)}m_{012}^{(10)}\\
&-2m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(10)}m_{021}^{(22)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(10)}m_{012}^{(21)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(11)}m_{012}^{(20)}\\
&+2m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(20)}m_{021}^{(21)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(20)}m_{012}^{(11)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{021}^{(20)}\\
&-2m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{012}^{(10)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(22)}m_{021}^{(10)} + m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(00)}m_{012}^{(22)}\\
&+m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(00)}m_{003}^{(21)} - m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(10)}m_{102}^{(22)} - m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(10)}m_{003}^{(20)}\\
&+m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(20)}m_{102}^{(21)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(20)}m_{012}^{(20)} - m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(20)}m_{003}^{(10)}\\
&+m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(21)}m_{102}^{(20)} + m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(20)}m_{003}^{(00)} - m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(22)}m_{102}^{(10)}\\
&+m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(22)}m_{012}^{(00)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(00)}m_{021}^{(22)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(00)}m_{012}^{(21)}\\
&-2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{102}^{(21)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{012}^{(20)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(11)}m_{102}^{(20)}\\
&+2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{102}^{(11)} + 4m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{021}^{(20)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{012}^{(10)}\\
&-2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{102}^{(10)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{012}^{(00)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(22)}m_{021}^{(00)}\\
&+m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(00)}m_{030}^{(22)} + m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(00)}m_{021}^{(21)} + m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{120}^{(22)}\\
&+2m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{111}^{(21)} - m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{021}^{(20)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(11)}m_{111}^{(20)}\\
&-m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(20)}m_{120}^{(21)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(20)}m_{111}^{(11)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(20)}m_{030}^{(20)}\\
&-m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(20)}m_{021}^{(10)} - m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(21)}m_{120}^{(20)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(21)}m_{111}^{(10)}\\
&+m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(21)}m_{021}^{(00)} + m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(22)}m_{120}^{(10)} + m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(22)}m_{030}^{(00)}\\
&-2m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(10)}m_{012}^{(21)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(11)}m_{012}^{(20)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(20)}m_{012}^{(11)}\\
&-2m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{012}^{(10)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(10)}m_{021}^{(21)} - 2m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(11)}m_{021}^{(20)}
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&-2m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(20)}m_{021}^{(11)}+2m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(21)}m_{021}^{(10)}-m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(00)}m_{012}^{(21)}\\
&+m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(10)}m_{102}^{(21)}+m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(10)}m_{012}^{(20)}-m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(11)}m_{102}^{(20)}\\
&-m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(20)}m_{102}^{(11)}+m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(20)}m_{012}^{(10)}+m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(21)}m_{102}^{(10)}\\
&-m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(21)}m_{012}^{(00)}+2m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(00)}m_{021}^{(21)}-2m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(10)}m_{021}^{(20)}\\
&-2m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(20)}m_{021}^{(10)}+2m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(21)}m_{021}^{(00)}-m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(00)}m_{030}^{(21)}\\
&-m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(10)}m_{120}^{(21)}+m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(10)}m_{030}^{(20)}+m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(11)}m_{120}^{(20)}\\
&+m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(20)}m_{120}^{(11)}+m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(20)}m_{030}^{(10)}-m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(21)}m_{120}^{(10)}\\
&-m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(21)}m_{030}^{(00)}-m_{100}^{(10)}m_{010}^{(00)}m_{020}^{(10)}m_{003}^{(22)}+m_{100}^{(10)}m_{010}^{(00)}m_{020}^{(20)}m_{003}^{(21)}\\
&+m_{100}^{(10)}m_{010}^{(00)}m_{020}^{(21)}m_{003}^{(20)}-m_{100}^{(10)}m_{010}^{(00)}m_{020}^{(22)}m_{003}^{(10)}+2m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(10)}m_{012}^{(22)}\\
&-2m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(20)}m_{012}^{(21)}-2m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{012}^{(20)}+2m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(22)}m_{012}^{(10)}\\
&-m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(10)}m_{021}^{(22)}+m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(20)}m_{021}^{(21)}+m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(21)}m_{021}^{(20)}\\
&-m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(22)}m_{021}^{(10)}-m_{100}^{(10)}m_{010}^{(10)}m_{200}^{(11)}m_{003}^{(22)}+2m_{100}^{(10)}m_{010}^{(10)}m_{200}^{(21)}m_{003}^{(21)}\\
&-m_{100}^{(10)}m_{010}^{(10)}m_{200}^{(22)}m_{003}^{(11)}+2m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(11)}m_{102}^{(22)}-4m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(21)}m_{102}^{(21)}\\
&+2m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{102}^{(11)}+m_{100}^{(10)}m_{010}^{(10)}m_{020}^{(00)}m_{003}^{(22)}-2m_{100}^{(10)}m_{010}^{(10)}m_{020}^{(20)}m_{003}^{(20)}\\
&+m_{100}^{(10)}m_{010}^{(10)}m_{020}^{(22)}m_{003}^{(00)}-2m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(00)}m_{012}^{(22)}+4m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(20)}m_{012}^{(20)}\\
&-2m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(22)}m_{012}^{(00)}+m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(00)}m_{021}^{(22)}-m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(11)}m_{201}^{(22)}\\
&-2m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(20)}m_{021}^{(20)}+2m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(21)}m_{201}^{(21)}-m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(22)}m_{201}^{(11)}\\
&+m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(22)}m_{021}^{(00)}+m_{100}^{(10)}m_{010}^{(11)}m_{200}^{(10)}m_{003}^{(22)}-m_{100}^{(10)}m_{010}^{(11)}m_{200}^{(20)}m_{003}^{(21)}\\
&-m_{100}^{(10)}m_{010}^{(11)}m_{200}^{(21)}m_{003}^{(20)}+m_{100}^{(10)}m_{010}^{(11)}m_{200}^{(22)}m_{003}^{(10)}-2m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(10)}m_{102}^{(22)}\\
&+2m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{102}^{(21)}+2m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(21)}m_{102}^{(20)}-2m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(22)}m_{102}^{(10)}\\
&+m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(10)}m_{201}^{(22)}-m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(20)}m_{201}^{(21)}-m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(21)}m_{201}^{(20)}\\
&+m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(22)}m_{201}^{(10)}+m_{100}^{(10)}m_{010}^{(20)}m_{200}^{(11)}m_{012}^{(22)}-2m_{100}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{012}^{(21)}\\
&+m_{100}^{(10)}m_{010}^{(20)}m_{200}^{(22)}m_{012}^{(11)}-2m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(11)}m_{111}^{(22)}+4m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(21)}\\
&-2m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{111}^{(11)}-m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(00)}m_{003}^{(21)}+m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(10)}m_{102}^{(22)}\\
&+m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(10)}m_{003}^{(20)}-m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(20)}m_{102}^{(21)}+m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(20)}m_{003}^{(10)}\\
&-m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(21)}m_{102}^{(20)}-m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(21)}m_{003}^{(00)}+m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(22)}m_{102}^{(10)}\\
&+2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(00)}m_{012}^{(21)}-2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(22)}-2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{012}^{(20)}\\
&+2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(21)}-2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{012}^{(10)}+2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(20)}\\
&+2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{012}^{(00)}-2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{111}^{(10)}-m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(00)}m_{021}^{(21)}\\
&+m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{120}^{(22)}+m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{021}^{(20)}+m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(11)}m_{210}^{(22)}\\
&-m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{120}^{(21)}+m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{021}^{(10)}-2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{210}^{(21)}\\
&-m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{120}^{(20)}-m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{021}^{(00)}+m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(22)}m_{210}^{(11)}\\
&+m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(22)}m_{120}^{(10)}-m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(22)}-m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(10)}m_{003}^{(21)}\\
&+m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(11)}m_{003}^{(20)}+m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(21)}+m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(20)}m_{003}^{(11)}\\
&+m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{012}^{(20)}-m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{003}^{(10)}-m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{012}^{(10)}\\
&+2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(22)}+2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{102}^{(21)}-2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(11)}m_{102}^{(20)}\\
&-2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(21)}-2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{102}^{(11)}-2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(20)}\\
&+2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{102}^{(10)}+2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{111}^{(10)}-m_{100}^{(10)}m_{010}^{(21)}m_{020}^{(00)}m_{102}^{(22)}
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&+2m_{100}^{(10)}m_{010}^{(21)}m_{020}^{(20)}m_{102}^{(20)} - m_{100}^{(10)}m_{010}^{(21)}m_{020}^{(22)}m_{102}^{(00)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(00)}m_{111}^{(22)}\\
&-4m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{111}^{(20)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(22)}m_{111}^{(00)} - m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(00)}m_{120}^{(22)}\\
&-m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{210}^{(22)} - m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{201}^{(21)} + m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(11)}m_{201}^{(20)}\\
&+m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{210}^{(21)} + m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{201}^{(11)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{120}^{(20)}\\
&+m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{210}^{(20)} - m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{201}^{(10)} - m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(22)}m_{210}^{(10)}\\
&-m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(22)}m_{120}^{(00)} + m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(10)}m_{012}^{(21)} - m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(11)}m_{012}^{(20)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(20)}m_{012}^{(11)} + m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(21)}m_{012}^{(10)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(21)}\\
&+2m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(11)}m_{111}^{(20)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{111}^{(11)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{111}^{(10)}\\
&+m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(00)}m_{102}^{(21)} - m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(10)}m_{102}^{(20)} - m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(20)}m_{102}^{(10)}\\
&+m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(21)}m_{102}^{(00)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{111}^{(21)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{111}^{(20)}\\
&+2m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{111}^{(10)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(21)}m_{111}^{(00)} + m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(00)}m_{120}^{(21)}\\
&+m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(10)}m_{210}^{(21)} - m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(10)}m_{120}^{(20)} - m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(11)}m_{210}^{(20)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(20)}m_{210}^{(11)} - m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(20)}m_{120}^{(10)} + m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(21)}m_{210}^{(10)}\\
&+m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(21)}m_{120}^{(00)} + m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(10)}m_{012}^{(22)} + m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(11)}m_{102}^{(22)}\\
&-m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(20)}m_{012}^{(21)} - 2m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(21)} - m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(21)}m_{012}^{(20)}\\
&+m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(22)}m_{102}^{(11)} + m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(22)}m_{012}^{(10)} - 2m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{021}^{(22)}\\
&-2m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(11)}m_{111}^{(22)} + 2m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(21)} + 4m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(21)}\\
&+2m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{021}^{(20)} - 2m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(22)}m_{111}^{(11)} - 2m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(22)}m_{021}^{(10)}\\
&+m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{030}^{(22)} + m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(11)}m_{120}^{(22)} - m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(20)}m_{030}^{(21)}\\
&-2m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{120}^{(20)} - m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{030}^{(20)} + m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(22)}m_{120}^{(11)}\\
&+m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(22)}m_{030}^{(10)} + m_{100}^{(10)}m_{001}^{(10)}m_{200}^{(11)}m_{012}^{(22)} - 2m_{100}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(21)}\\
&+m_{100}^{(10)}m_{001}^{(10)}m_{200}^{(22)}m_{012}^{(11)} - 2m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(11)}m_{102}^{(22)} + 4m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(21)}\\
&-2m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{102}^{(11)} - m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(00)}m_{012}^{(22)} - 2m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(22)}\\
&+2m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(21)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{012}^{(20)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(21)}m_{102}^{(20)}\\
&-2m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(22)}m_{102}^{(10)} - m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(22)}m_{012}^{(00)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{021}^{(22)}\\
&+4m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(22)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(11)}m_{201}^{(22)} - 4m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(21)}\\
&-4m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{021}^{(20)} - 4m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(21)} - 4m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(20)}\\
&+2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{201}^{(11)} + 4m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{111}^{(10)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{021}^{(00)}\\
&-m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(00)}m_{030}^{(22)} - 2m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{120}^{(22)} - m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(11)}m_{210}^{(22)}\\
&+2m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(21)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{030}^{(20)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{210}^{(21)}\\
&+2m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{120}^{(20)} - m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(22)}m_{210}^{(11)} - 2m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(22)}m_{120}^{(10)}\\
&-m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(22)}m_{030}^{(00)} - m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(22)} + m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(21)}\\
&+m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{012}^{(20)} - m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{012}^{(10)} + 2m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(22)}\\
&-2m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(21)} - 2m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(21)}m_{102}^{(20)} + 2m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{102}^{(10)}\\
&+m_{100}^{(10)}m_{001}^{(11)}m_{020}^{(00)}m_{102}^{(22)} - 2m_{100}^{(10)}m_{001}^{(11)}m_{020}^{(20)}m_{102}^{(20)} + m_{100}^{(10)}m_{001}^{(11)}m_{020}^{(22)}m_{102}^{(00)}\\
&-2m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{111}^{(22)} - 2m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(22)} + 2m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(21)}\\
&+4m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(20)} + 2m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(21)}m_{201}^{(20)} - 2m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(22)}m_{201}^{(10)}\\
&-2m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(22)}m_{111}^{(00)} + m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(00)}m_{120}^{(22)} + m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{210}^{(22)}
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\begin{aligned}
&-m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(21)} - 2m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{120}^{(20)} - m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(21)}m_{210}^{(20)}\\
&+m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(22)}m_{210}^{(10)} + m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(22)}m_{120}^{(00)} - m_{100}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(22)}\\
&+2m_{100}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(21)} - m_{100}^{(10)}m_{001}^{(20)}m_{200}^{(22)}m_{021}^{(11)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(22)}\\
&-4m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(21)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{111}^{(11)} + m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{012}^{(21)}\\
&+m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(21)} - m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{012}^{(20)} - m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(22)}\\
&-m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(11)}m_{102}^{(20)} - m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{102}^{(11)} - m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{012}^{(10)}\\
&+2m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(21)} + m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{102}^{(10)} + m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{012}^{(00)}\\
&-m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(22)}m_{201}^{(11)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{021}^{(21)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(21)}\\
&+2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{021}^{(20)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{111}^{(20)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{111}^{(11)}\\
&+2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{021}^{(10)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{111}^{(10)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{021}^{(00)}\\
&+m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(00)}m_{030}^{(21)} + m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{120}^{(21)} - m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{030}^{(20)}\\
&-m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(11)}m_{120}^{(20)} - m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(20)}m_{120}^{(11)} - m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(20)}m_{030}^{(10)}\\
&+m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(21)}m_{120}^{(10)} + m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(21)}m_{030}^{(00)} + m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(22)}\\
&+m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(21)} - m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{012}^{(20)} - m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{012}^{(11)} - m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(20)} + m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{012}^{(10)}\\
&+m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(22)}m_{021}^{(10)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(22)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(21)}\\
&+2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(11)}m_{102}^{(20)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(21)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{102}^{(11)}\\
&+2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(20)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{102}^{(10)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{111}^{(10)}\\
&-m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{102}^{(21)} + m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(22)} + m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(10)}m_{102}^{(20)}\\
&-m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(21)} + m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{102}^{(10)} - m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(21)}m_{201}^{(20)}\\
&-m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(21)}m_{102}^{(00)} + m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(22)}m_{201}^{(10)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(21)}\\
&+2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(21)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(20)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(11)}m_{201}^{(20)}\\
&-2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{201}^{(11)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{111}^{(10)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{201}^{(10)}\\
&+2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{111}^{(00)} - m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(00)}m_{120}^{(21)} - m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{210}^{(21)}\\
&+m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{120}^{(20)} + m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(11)}m_{210}^{(20)} + m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(20)}m_{210}^{(11)}\\
&+m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(20)}m_{120}^{(10)} - m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(21)}m_{210}^{(10)} - m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(21)}m_{120}^{(00)}\\
&-m_{100}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(21)} + m_{100}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{021}^{(20)} + m_{100}^{(10)}m_{001}^{(22)}m_{200}^{(20)}m_{021}^{(11)}\\
&-m_{100}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{021}^{(10)} + 2m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(21)} - 2m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{111}^{(20)}\\
&-2m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{111}^{(11)} + 2m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{111}^{(10)} - m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(21)}\\
&+m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(11)}m_{201}^{(20)} + m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{201}^{(11)} - m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(21)}m_{201}^{(10)}\\
&+(m_{100}^{(11)})^2m_{110}^{(00)}m_{003}^{(22)} - 2(m_{100}^{(11)})^2m_{110}^{(20)}m_{003}^{(20)} + (m_{100}^{(11)})^2m_{110}^{(22)}m_{003}^{(00)}\\
&-(m_{100}^{(11)})^2m_{101}^{(00)}m_{012}^{(22)} + 2(m_{100}^{(11)})^2m_{101}^{(20)}m_{012}^{(20)} - (m_{100}^{(11)})^2m_{101}^{(22)}m_{012}^{(00)}\\
&-(m_{100}^{(11)})^2m_{011}^{(00)}m_{102}^{(22)} + 2(m_{100}^{(11)})^2m_{011}^{(20)}m_{102}^{(20)} - (m_{100}^{(11)})^2m_{011}^{(22)}m_{102}^{(00)}\\
&+(m_{100}^{(11)})^2m_{002}^{(00)}m_{111}^{(22)} - 2(m_{100}^{(11)})^2m_{002}^{(20)}m_{111}^{(20)} + (m_{100}^{(11)})^2m_{002}^{(22)}m_{111}^{(00)}\\
&+2m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(10)}m_{012}^{(22)} - 2m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(20)}m_{012}^{(21)} - 2m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(21)}m_{012}^{(20)}\\
&+2m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(22)}m_{012}^{(10)} - 2m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(10)}m_{021}^{(22)} + 2m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(20)}m_{021}^{(21)}\\
&+2m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(21)}m_{021}^{(20)} - 2m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(22)}m_{021}^{(10)} + m_{100}^{(11)}m_{100}^{(20)}m_{020}^{(00)}m_{003}^{(21)}\\
&-m_{100}^{(11)}m_{100}^{(20)}m_{020}^{(10)}m_{102}^{(22)} - m_{100}^{(11)}m_{100}^{(20)}m_{020}^{(10)}m_{003}^{(20)} + m_{100}^{(11)}m_{100}^{(20)}m_{020}^{(20)}m_{102}^{(21)}
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&-m_{100}^{(11)}m_{100}^{(20)}m_{020}^{(20)}m_{003}^{(10)}+m_{100}^{(11)}m_{100}^{(20)}m_{020}^{(21)}m_{102}^{(20)}+m_{100}^{(11)}m_{100}^{(20)}m_{020}^{(21)}m_{003}^{(00)}\\
&-m_{100}^{(11)}m_{100}^{(20)}m_{020}^{(22)}m_{102}^{(10)}-2m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(00)}m_{012}^{(21)}+2m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(10)}m_{012}^{(20)}\\
&+2m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{012}^{(10)}-2m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(21)}m_{012}^{(00)}+m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(00)}m_{021}^{(21)}\\
&+m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(10)}m_{120}^{(22)}-m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(10)}m_{021}^{(20)}-m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(20)}m_{120}^{(21)}\\
&-m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(20)}m_{021}^{(10)}-m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(21)}m_{120}^{(20)}+m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(21)}m_{021}^{(00)}\\
&+m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(22)}m_{120}^{(10)}-2m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(00)}m_{012}^{(22)}-2m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(00)}m_{003}^{(21)}\\
&+2m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(10)}m_{003}^{(20)}+4m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(20)}m_{012}^{(20)}+2m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(20)}m_{003}^{(10)}\\
&-2m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(21)}m_{003}^{(00)}-2m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(22)}m_{012}^{(00)}+2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(00)}m_{021}^{(22)}\\
&+2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(00)}m_{012}^{(21)}-2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(10)}m_{012}^{(20)}-4m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{021}^{(20)}\\
&-2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{012}^{(10)}+2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(21)}m_{012}^{(00)}+2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(22)}m_{021}^{(00)}\\
&+m_{100}^{(11)}m_{100}^{(21)}m_{020}^{(00)}m_{102}^{(22)}-2m_{100}^{(11)}m_{100}^{(21)}m_{020}^{(20)}m_{102}^{(20)}+m_{100}^{(11)}m_{100}^{(21)}m_{020}^{(22)}m_{102}^{(00)}\\
&+2m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(00)}m_{102}^{(21)}-2m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(10)}m_{102}^{(20)}-2m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(20)}m_{102}^{(10)}\\
&+2m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(21)}m_{102}^{(00)}-m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(00)}m_{120}^{(22)}-2m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(00)}m_{111}^{(21)}\\
&+2m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(10)}m_{111}^{(20)}+2m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(20)}m_{120}^{(20)}+2m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(20)}m_{111}^{(10)}\\
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&+m_{100}^{(11)}m_{010}^{(10)}m_{200}^{(22)}m_{003}^{(10)}-2m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(10)}m_{102}^{(22)}+2m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(20)}m_{102}^{(21)}\\
&+2m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(21)}m_{102}^{(20)}-2m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(22)}m_{102}^{(10)}+m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(10)}m_{201}^{(22)}\\
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&-m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(00)}m_{012}^{(21)}+m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(10)}m_{012}^{(20)}+m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(20)}m_{012}^{(10)}\\
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&+2m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(20)}-2m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(22)}m_{201}^{(10)}-2m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(22)}m_{111}^{(00)}\\
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&+2m_{100}^{(11)}m_{001}^{(11)}m_{011}^{(22)}m_{201}^{(00)}-m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(00)}m_{210}^{(22)}+2m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(20)}\\
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&+2m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(21)}+2m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(20)}-2m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(22)}m_{111}^{(10)}\\
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&-2m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(20)}-2m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{111}^{(10)}+2m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{111}^{(00)}\\
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&+m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(20)}+2m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(20)}+m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{012}^{(10)}\\
&-m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{012}^{(00)}-m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(22)}m_{021}^{(00)}+2m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(22)}\\
&+2m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{102}^{(21)}-2m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(20)}-4m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(20)}\\
&-2m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{102}^{(10)}+2m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(21)}m_{102}^{(00)}+2m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(22)}m_{111}^{(00)}\\
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&-2m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{111}^{(21)}+2m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(20)}+2m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(20)}m_{111}^{(10)}\\
&-2m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(21)}m_{111}^{(00)}+m_{100}^{(11)}m_{001}^{(22)}m_{020}^{(00)}m_{201}^{(21)}-m_{100}^{(11)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(22)}m_{020}^{(20)}m_{201}^{(10)}+m_{100}^{(11)}m_{001}^{(22)}m_{020}^{(21)}m_{201}^{(00)}+(m_{100}^{(20)})^2m_{110}^{(11)}m_{021}^{(22)}\\
&-2(m_{100}^{(20)})^2m_{110}^{(21)}m_{021}^{(21)}+(m_{100}^{(20)})^2m_{110}^{(22)}m_{021}^{(11)}-(m_{100}^{(20)})^2m_{101}^{(11)}m_{030}^{(22)}\\
&+2(m_{100}^{(20)})^2m_{101}^{(21)}m_{030}^{(21)}-(m_{100}^{(20)})^2m_{101}^{(22)}m_{030}^{(11)}+(m_{100}^{(20)})^2m_{020}^{(10)}m_{012}^{(21)}\\
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&+2m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(00)}m_{021}^{(21)}+2m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(00)}m_{012}^{(11)}-2m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{120}^{(22)}\\
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&+2m_{100}^{(20)}m_{100}^{(21)}m_{002}^{(10)}m_{021}^{(20)}+m_{100}^{(20)}m_{100}^{(21)}m_{002}^{(11)}m_{120}^{(20)}-m_{100}^{(20)}m_{100}^{(21)}m_{002}^{(11)}m_{021}^{(00)}\\
&+m_{100}^{(20)}m_{100}^{(21)}m_{002}^{(20)}m_{120}^{(11)}+m_{100}^{(20)}m_{100}^{(21)}m_{002}^{(20)}m_{030}^{(10)}-m_{100}^{(20)}m_{100}^{(21)}m_{002}^{(21)}m_{120}^{(10)}\\
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&-2m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(20)}m_{021}^{(11)}+2m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(21)}m_{021}^{(10)}-2m_{100}^{(20)}m_{100}^{(22)}m_{101}^{(10)}m_{030}^{(21)}\\
&+2m_{100}^{(20)}m_{100}^{(22)}m_{101}^{(11)}m_{030}^{(20)}+2m_{100}^{(20)}m_{100}^{(22)}m_{101}^{(20)}m_{030}^{(11)}-2m_{100}^{(20)}m_{100}^{(22)}m_{101}^{(21)}m_{030}^{(10)}\\
&+m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(00)}m_{012}^{(11)}-2m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(10)}m_{111}^{(21)}-2m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(10)}m_{012}^{(10)}\\
&+2m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(11)}m_{111}^{(20)}+m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(11)}m_{012}^{(00)}+2m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(20)}m_{111}^{(11)}\\
&-2m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(21)}m_{111}^{(10)}-2m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(00)}m_{021}^{(11)}+2m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(10)}m_{120}^{(21)}\\
&+4m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(10)}m_{021}^{(10)}-2m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(11)}m_{120}^{(20)}-2m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(11)}m_{021}^{(00)}\\
&-2m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(20)}m_{120}^{(11)}+2m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(21)}m_{120}^{(10)}+m_{100}^{(20)}m_{100}^{(22)}m_{002}^{(00)}m_{030}^{(11)}\\
&-2m_{100}^{(20)}m_{100}^{(22)}m_{002}^{(10)}m_{030}^{(10)}+m_{100}^{(20)}m_{100}^{(22)}m_{002}^{(11)}m_{030}^{(00)}+m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(10)}m_{003}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(11)}m_{102}^{(22)}-m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(11)}m_{003}^{(20)}-m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(20)}m_{003}^{(11)}
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&+2m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(21)}m_{102}^{(21)}+m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(21)}m_{003}^{(10)}-m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(22)}m_{102}^{(11)}\\
&-2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(10)}m_{012}^{(21)}+2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(11)}m_{111}^{(22)}+2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(11)}m_{012}^{(20)}\\
&+2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(20)}m_{012}^{(11)}-4m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{111}^{(21)}-2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{012}^{(10)}\\
&+2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(22)}m_{111}^{(11)}+m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(10)}m_{021}^{(21)}-m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(11)}m_{120}^{(22)}\\
&-m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(11)}m_{021}^{(20)}-m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(20)}m_{021}^{(11)}+2m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(21)}m_{120}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(21)}m_{021}^{(10)}-m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(22)}m_{120}^{(11)}+m_{100}^{(20)}m_{010}^{(10)}m_{200}^{(11)}m_{012}^{(22)}\\
&-2m_{100}^{(20)}m_{010}^{(10)}m_{200}^{(21)}m_{012}^{(21)}+m_{100}^{(20)}m_{010}^{(10)}m_{200}^{(22)}m_{012}^{(11)}-2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(11)}m_{111}^{(22)}\\
&+4m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(21)}-2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(22)}m_{111}^{(11)}-m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(00)}m_{003}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(10)}m_{102}^{(22)}+m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(10)}m_{003}^{(20)}-m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(20)}m_{102}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(20)}m_{003}^{(10)}-m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(21)}m_{102}^{(20)}-m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(21)}m_{003}^{(00)}\\
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&+2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{111}^{(20)}+2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{012}^{(00)}-2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(22)}m_{111}^{(10)}\\
&-m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(00)}m_{021}^{(21)}+m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{120}^{(22)}+m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{021}^{(20)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(11)}m_{210}^{(22)}-m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(20)}m_{120}^{(21)}+m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(20)}m_{021}^{(10)}\\
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&+m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(22)}m_{210}^{(11)}+m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(22)}m_{120}^{(10)}-m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(10)}m_{012}^{(22)}\\
&+m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(20)}m_{012}^{(21)}+m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(21)}m_{012}^{(20)}-m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(22)}m_{012}^{(10)}\\
&+2m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(10)}m_{111}^{(22)}-2m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(20)}m_{111}^{(21)}-2m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(21)}m_{111}^{(20)}\\
&+2m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(22)}m_{111}^{(10)}-m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(10)}m_{210}^{(22)}+m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(20)}m_{210}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(21)}m_{210}^{(20)}-m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(22)}m_{210}^{(10)}-m_{100}^{(20)}m_{010}^{(20)}m_{200}^{(11)}m_{021}^{(22)}\\
&+2m_{100}^{(20)}m_{010}^{(20)}m_{200}^{(21)}m_{021}^{(21)}-m_{100}^{(20)}m_{010}^{(20)}m_{200}^{(22)}m_{021}^{(11)}+2m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(11)}m_{120}^{(22)}\\
&-4m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{120}^{(21)}+2m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(22)}m_{120}^{(11)}+m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(00)}m_{003}^{(11)}\\
&-2m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(10)}m_{102}^{(21)}-2m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(10)}m_{003}^{(10)}+m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(11)}m_{201}^{(22)}\\
&+2m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(11)}m_{102}^{(20)}+m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(11)}m_{003}^{(00)}+2m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(20)}m_{102}^{(11)}\\
&-2m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(21)}m_{201}^{(21)}-2m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(21)}m_{102}^{(10)}+m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(22)}m_{201}^{(11)}\\
&-2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(00)}m_{012}^{(11)}+4m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(21)}+4m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{012}^{(10)}\\
&-2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(11)}m_{210}^{(22)}-4m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(11)}m_{111}^{(20)}-2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(11)}m_{012}^{(00)}\\
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&-2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(22)}m_{210}^{(11)}+m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(00)}m_{021}^{(11)}-2m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(10)}m_{120}^{(21)}\\
&-2m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(10)}m_{021}^{(10)}+2m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(11)}m_{120}^{(20)}+m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(11)}m_{021}^{(00)}\\
&+2m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(20)}m_{120}^{(11)}-2m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(21)}m_{120}^{(10)}+m_{100}^{(20)}m_{010}^{(20)}m_{200}^{(10)}m_{021}^{(22)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(21)}-m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(11)}m_{012}^{(20)}-m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(20)}m_{021}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(11)}-m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{021}^{(20)}+m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{012}^{(10)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(22)}m_{021}^{(10)}-2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{120}^{(22)}-2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(21)}\\
&+2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(11)}m_{111}^{(20)}+2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(21)}+2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(11)}\\
&+2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{120}^{(20)}-2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(10)}-2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(22)}m_{120}^{(10)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(00)}m_{102}^{(21)}-m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(10)}m_{201}^{(22)}-m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(10)}m_{102}^{(20)}
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&+m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(20)}m_{201}^{(21)} - m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(20)}m_{102}^{(10)} + m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(21)}m_{201}^{(20)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(21)}m_{102}^{(00)} - m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(22)}m_{201}^{(10)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{111}^{(21)}\\
&+2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{210}^{(22)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{111}^{(20)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(21)}\\
&+2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{111}^{(10)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{210}^{(20)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{111}^{(00)}\\
&+2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(22)}m_{210}^{(10)} + m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(00)}m_{120}^{(21)} + m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(10)}m_{210}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(10)}m_{120}^{(20)} - m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(11)}m_{210}^{(20)} - m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(20)}m_{210}^{(11)}\\
&-m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(20)}m_{120}^{(10)} + m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(21)}m_{210}^{(10)} + m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(21)}m_{120}^{(00)}\\
&-m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(10)}m_{021}^{(21)} + m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(11)}m_{021}^{(20)} + m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(11)}\\
&-m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{021}^{(10)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(10)}m_{120}^{(21)} - 2m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(11)}m_{120}^{(20)}\\
&-2m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(11)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(21)}m_{120}^{(10)} - m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(00)}m_{102}^{(11)}\\
&+m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(10)}m_{201}^{(21)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(10)}m_{102}^{(10)} - m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(11)}m_{201}^{(20)}\\
&-m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(11)}m_{102}^{(00)} - m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(20)}m_{201}^{(11)} + m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(21)}m_{201}^{(10)}\\
&+2m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(00)}m_{111}^{(11)} - 2m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{210}^{(21)} - 4m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{111}^{(10)}\\
&+2m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(11)}m_{210}^{(20)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(11)}m_{111}^{(00)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(11)}\\
&-2m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(21)}m_{210}^{(10)} - m_{100}^{(20)}m_{010}^{(22)}m_{002}^{(00)}m_{120}^{(11)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{002}^{(10)}m_{120}^{(10)}\\
&-m_{100}^{(20)}m_{010}^{(22)}m_{002}^{(11)}m_{120}^{(00)} - m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(10)}m_{012}^{(21)} + m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(11)}m_{012}^{(20)}\\
&+m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(20)}m_{012}^{(11)} - m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{012}^{(10)} + 2m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{021}^{(21)}\\
&-2m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{021}^{(20)} - 2m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(11)} + 2m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{021}^{(10)}\\
&-m_{100}^{(20)}m_{001}^{(00)}m_{002}^{(10)}m_{030}^{(21)} + m_{100}^{(20)}m_{001}^{(00)}m_{002}^{(11)}m_{030}^{(20)} + m_{100}^{(20)}m_{001}^{(00)}m_{002}^{(20)}m_{030}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(00)}m_{002}^{(21)}m_{030}^{(10)} - m_{100}^{(20)}m_{001}^{(10)}m_{200}^{(11)}m_{021}^{(22)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(21)}\\
&-m_{100}^{(20)}m_{001}^{(10)}m_{200}^{(22)}m_{021}^{(11)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(11)}m_{111}^{(22)} - 4m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(21)}\\
&+2m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(11)} + m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(00)}m_{012}^{(21)} + m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(21)}\\
&-m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{012}^{(20)} - m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(11)}m_{201}^{(22)} - m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(11)}m_{102}^{(20)}\\
&-m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(11)} - m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{012}^{(10)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{201}^{(21)}\\
&+m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{102}^{(10)} + m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{012}^{(00)} - m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(22)}m_{201}^{(11)}\\
&-2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(00)}m_{021}^{(21)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(21)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{021}^{(20)}\\
&+2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{111}^{(20)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(11)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{021}^{(10)}\\
&-2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(10)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{021}^{(21)}m_{021}^{(00)} + m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(00)}m_{030}^{(21)}\\
&+m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{120}^{(21)} - m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{030}^{(20)} - m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(11)}m_{120}^{(20)}\\
&-m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(11)} - m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(20)}m_{030}^{(10)} + m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(21)}m_{120}^{(10)}\\
&+m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(21)}m_{030}^{(00)} + m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(10)}m_{021}^{(22)} - m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(20)}m_{021}^{(21)}\\
&-m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(21)}m_{021}^{(20)} + m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(22)}m_{021}^{(10)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(10)}m_{111}^{(22)}\\
&+2m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(21)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{111}^{(20)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(22)}m_{111}^{(10)}\\
&-m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(00)}m_{102}^{(21)} + m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(10)}m_{201}^{(22)} + m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(10)}m_{102}^{(20)}\\
&-m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(20)}m_{201}^{(21)} + m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(20)}m_{102}^{(10)} - m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(21)}m_{201}^{(20)}\\
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&-2m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{111}^{(20)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(10)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(21)}m_{111}^{(00)}\\
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&-m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(21)}m_{120}^{(00)}+m_{100}^{(20)}m_{001}^{(20)}m_{200}^{(11)}m_{030}^{(22)}-2m_{100}^{(20)}m_{001}^{(20)}m_{200}^{(21)}m_{030}^{(21)}\\
&+m_{100}^{(20)}m_{001}^{(20)}m_{200}^{(22)}m_{030}^{(11)}-2m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{120}^{(22)}+4m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(21)}\\
&-2m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(22)}m_{120}^{(11)}-m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(00)}m_{012}^{(11)}+2m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{012}^{(10)}\\
&+m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(11)}m_{210}^{(22)}-m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(11)}m_{012}^{(00)}-2m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{210}^{(21)}\\
&+m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(22)}m_{210}^{(11)}+2m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(00)}m_{021}^{(11)}-4m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{021}^{(10)}\\
&+2m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{021}^{(00)}-m_{100}^{(20)}m_{001}^{(20)}m_{002}^{(00)}m_{030}^{(11)}+2m_{100}^{(20)}m_{001}^{(20)}m_{002}^{(10)}m_{030}^{(10)}\\
&-m_{100}^{(20)}m_{001}^{(20)}m_{002}^{(11)}m_{030}^{(00)}-m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{030}^{(22)}-m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(21)}\\
&+m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{021}^{(20)}+m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{030}^{(21)}+m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(11)}\\
&+m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{030}^{(20)}-m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(10)}-m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(22)}m_{030}^{(10)}\\
&+2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{120}^{(22)}+2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(21)}-2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{111}^{(20)}\\
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&+2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(10)}+2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(22)}m_{120}^{(10)}+m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{102}^{(11)}\\
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&+m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(11)}m_{201}^{(20)}+m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(11)}m_{102}^{(00)}+m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(21)}\\
&+m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(11)}+m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{210}^{(20)}-m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{201}^{(10)}\\
&-m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(22)}m_{210}^{(10)}-2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(11)}+4m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(10)}\\
&-2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{111}^{(00)}+m_{100}^{(20)}m_{001}^{(21)}m_{002}^{(00)}m_{120}^{(11)}-2m_{100}^{(20)}m_{001}^{(21)}m_{002}^{(10)}m_{120}^{(10)}\\
&+m_{100}^{(20)}m_{001}^{(21)}m_{002}^{(11)}m_{120}^{(00)}+m_{100}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(21)}-m_{100}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{030}^{(20)}\\
&-m_{100}^{(20)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(11)}+m_{100}^{(20)}m_{001}^{(22)}m_{200}^{(21)}m_{030}^{(10)}-2m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(21)}\\
&+2m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{120}^{(20)}+2m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(11)}-2m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(21)}m_{120}^{(10)}\\
&+m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(21)}-m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(11)}m_{210}^{(20)}-m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(11)}\\
&+m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(21)}m_{210}^{(10)}+(m_{100}^{(21)})^2m_{110}^{(00)}m_{021}^{(22)}+2(m_{100}^{(21)})^2m_{110}^{(00)}m_{012}^{(21)}\\
&+(m_{100}^{(21)})^2m_{110}^{(00)}m_{003}^{(11)}-2(m_{100}^{(21)})^2m_{110}^{(10)}m_{012}^{(20)}-2(m_{100}^{(21)})^2m_{110}^{(10)}m_{003}^{(10)}\\
&+(m_{100}^{(21)})^2m_{110}^{(11)}m_{003}^{(00)}-2(m_{100}^{(21)})^2m_{110}^{(20)}m_{021}^{(20)}-2(m_{100}^{(21)})^2m_{110}^{(20)}m_{012}^{(10)}\\
&+2(m_{100}^{(21)})^2m_{110}^{(21)}m_{012}^{(00)}+(m_{100}^{(21)})^2m_{110}^{(22)}m_{021}^{(00)}-(m_{100}^{(21)})^2m_{101}^{(00)}m_{030}^{(22)}\\
&-2(m_{100}^{(21)})^2m_{101}^{(00)}m_{021}^{(21)}-(m_{100}^{(21)})^2m_{101}^{(00)}m_{012}^{(11)}+2(m_{100}^{(21)})^2m_{101}^{(10)}m_{021}^{(20)}\\
&+2(m_{100}^{(21)})^2m_{101}^{(10)}m_{012}^{(10)}-(m_{100}^{(21)})^2m_{101}^{(11)}m_{012}^{(00)}+2(m_{100}^{(21)})^2m_{101}^{(20)}m_{030}^{(20)}\\
&+2(m_{100}^{(21)})^2m_{101}^{(20)}m_{021}^{(10)}-2(m_{100}^{(21)})^2m_{101}^{(21)}m_{021}^{(00)}-(m_{100}^{(21)})^2m_{101}^{(22)}m_{030}^{(00)}\\
&-(m_{100}^{(21)})^2m_{020}^{(00)}m_{111}^{(22)}-(m_{100}^{(21)})^2m_{020}^{(00)}m_{102}^{(21)}+(m_{100}^{(21)})^2m_{020}^{(10)}m_{102}^{(20)}\\
&+2(m_{100}^{(21)})^2m_{020}^{(20)}m_{111}^{(20)}+(m_{100}^{(21)})^2m_{020}^{(20)}m_{102}^{(10)}-(m_{100}^{(21)})^2m_{020}^{(21)}m_{102}^{(00)}\\
&-(m_{100}^{(21)})^2m_{020}^{(22)}m_{111}^{(00)}+(m_{100}^{(21)})^2m_{011}^{(00)}m_{120}^{(22)}-(m_{100}^{(21)})^2m_{011}^{(00)}m_{102}^{(11)}\\
&+2(m_{100}^{(21)})^2m_{011}^{(10)}m_{102}^{(10)}-(m_{100}^{(21)})^2m_{011}^{(11)}m_{102}^{(00)}-2(m_{100}^{(21)})^2m_{011}^{(20)}m_{120}^{(20)}\\
&+(m_{100}^{(21)})^2m_{011}^{(22)}m_{120}^{(00)}+(m_{100}^{(21)})^2m_{002}^{(00)}m_{120}^{(21)}+(m_{100}^{(21)})^2m_{002}^{(00)}m_{111}^{(11)}\\
&-(m_{100}^{(21)})^2m_{002}^{(10)}m_{120}^{(20)}-2(m_{100}^{(21)})^2m_{002}^{(10)}m_{111}^{(10)}+(m_{100}^{(21)})^2m_{002}^{(11)}m_{111}^{(00)}\\
&-(m_{100}^{(21)})^2m_{002}^{(20)}m_{120}^{(10)}+(m_{100}^{(21)})^2m_{002}^{(21)}m_{120}^{(00)}-2m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(00)}m_{021}^{(21)}\\
&-2m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(00)}m_{012}^{(11)}+2m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{021}^{(20)}+4m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{012}^{(10)}\\
&-2m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(11)}m_{012}^{(00)}+2m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(20)}m_{021}^{(10)}-2m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(21)}m_{021}^{(00)}\\
&+2m_{100}^{(21)}m_{100}^{(22)}m_{101}^{(00)}m_{030}^{(21)}+2m_{100}^{(21)}m_{100}^{(22)}m_{101}^{(00)}m_{021}^{(11)}-2m_{100}^{(21)}m_{100}^{(22)}m_{101}^{(10)}m_{030}^{(20)}
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&-4m_{100}^{(21)}m_{100}^{(22)}m_{101}^{(10)}m_{021}^{(10)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{101}^{(11)}m_{021}^{(00)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{101}^{(20)}m_{030}^{(10)}\\
&+2m_{100}^{(21)}m_{100}^{(22)}m_{101}^{(21)}m_{030}^{(00)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{020}^{(00)}m_{111}^{(21)} + m_{100}^{(21)}m_{100}^{(22)}m_{020}^{(00)}m_{102}^{(11)}\\
&-2m_{100}^{(21)}m_{100}^{(22)}m_{020}^{(10)}m_{111}^{(20)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{020}^{(10)}m_{102}^{(10)} + m_{100}^{(21)}m_{100}^{(22)}m_{020}^{(11)}m_{102}^{(00)}\\
&-2m_{100}^{(21)}m_{100}^{(22)}m_{020}^{(20)}m_{111}^{(10)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{020}^{(21)}m_{111}^{(00)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{011}^{(00)}m_{120}^{(21)}\\
&+2m_{100}^{(21)}m_{100}^{(22)}m_{011}^{(10)}m_{120}^{(20)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{011}^{(20)}m_{120}^{(10)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{011}^{(21)}m_{120}^{(00)}\\
&-m_{100}^{(21)}m_{100}^{(22)}m_{002}^{(00)}m_{120}^{(11)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{002}^{(10)}m_{120}^{(10)} - m_{100}^{(21)}m_{100}^{(22)}m_{002}^{(11)}m_{120}^{(00)}\\
&+m_{100}^{(21)}m_{010}^{(00)}m_{020}^{(10)}m_{102}^{(22)} - m_{100}^{(21)}m_{010}^{(00)}m_{020}^{(20)}m_{102}^{(21)} - m_{100}^{(21)}m_{010}^{(00)}m_{020}^{(21)}m_{102}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(00)}m_{020}^{(22)}m_{102}^{(10)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(10)}m_{111}^{(22)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(20)}m_{111}^{(21)}\\
&+2m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(21)}m_{111}^{(20)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(22)}m_{111}^{(10)} + m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(10)}m_{120}^{(22)}\\
&-m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(20)}m_{120}^{(21)} - m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(21)}m_{120}^{(20)} + m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(22)}m_{120}^{(10)}\\
&-m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(10)}m_{012}^{(22)} - m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(10)}m_{003}^{(21)} + m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(11)}m_{003}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(20)}m_{012}^{(21)} + m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(20)}m_{003}^{(11)} + m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(21)}m_{012}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(21)}m_{003}^{(10)} - m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(22)}m_{012}^{(10)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(10)}m_{111}^{(22)}\\
&+2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(10)}m_{102}^{(21)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(11)}m_{102}^{(20)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{111}^{(21)}\\
&-2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{102}^{(11)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(20)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{102}^{(10)}\\
&+2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(22)}m_{111}^{(10)} - m_{100}^{(21)}m_{010}^{(10)}m_{020}^{(00)}m_{102}^{(22)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{020}^{(20)}m_{102}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(10)}m_{020}^{(22)}m_{102}^{(00)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(00)}m_{111}^{(22)} - 4m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{111}^{(20)}\\
&+2m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(22)}m_{111}^{(00)} - m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(00)}m_{120}^{(22)} - m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{210}^{(22)}\\
&-m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{201}^{(21)} + m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(11)}m_{201}^{(20)} + m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(20)}m_{210}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(20)}m_{201}^{(11)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(20)}m_{120}^{(20)} + m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(21)}m_{210}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(21)}m_{201}^{(10)} - m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(22)}m_{210}^{(10)} - m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(22)}m_{120}^{(00)}\\
&+m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(00)}m_{012}^{(22)} + m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(00)}m_{003}^{(21)} - m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(10)}m_{003}^{(20)}\\
&-2m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(20)}m_{012}^{(20)} - m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(20)}m_{003}^{(10)} + m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(21)}m_{003}^{(00)}\\
&+m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(22)}m_{012}^{(00)} - 2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(00)}m_{111}^{(22)} - 2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(00)}m_{102}^{(21)}\\
&+2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(10)}m_{102}^{(20)} + 4m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{111}^{(20)} + 2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{102}^{(10)}\\
&-2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(21)}m_{102}^{(00)} - 2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(22)}m_{111}^{(00)} + m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(00)}m_{210}^{(22)}\\
&+m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(00)}m_{201}^{(21)} - m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(10)}m_{201}^{(20)} - 2m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(20)}m_{210}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(20)}m_{201}^{(10)} + m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(21)}m_{201}^{(00)} + m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(22)}m_{210}^{(00)}\\
&+m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(10)}m_{021}^{(22)} + m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(10)}m_{012}^{(21)} - m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(11)}m_{012}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(20)}m_{021}^{(21)} - m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(20)}m_{012}^{(11)} - m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{021}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{012}^{(10)} + m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(22)}m_{021}^{(10)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{120}^{(22)}\\
&-2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{111}^{(21)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(11)}m_{111}^{(20)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{120}^{(21)}\\
&+2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{111}^{(11)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{120}^{(20)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(10)}\\
&-2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(22)}m_{120}^{(10)} + m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(00)}m_{102}^{(21)} - m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(10)}m_{201}^{(22)}\\
&-m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(10)}m_{102}^{(20)} + m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(20)}m_{201}^{(21)} - m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(20)}m_{102}^{(10)}\\
&+m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(21)}m_{201}^{(20)} + m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(21)}m_{102}^{(00)} - m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(22)}m_{201}^{(10)}\\
&-2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{111}^{(21)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{210}^{(22)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(20)}\\
&-2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{210}^{(21)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(10)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(21)}m_{210}^{(20)}
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&-2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(00)}+2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(22)}m_{210}^{(10)}+m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(00)}m_{120}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(10)}m_{210}^{(21)}-m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(10)}m_{120}^{(20)}-m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(11)}m_{210}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(20)}m_{210}^{(11)}-m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(20)}m_{120}^{(10)}+m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(21)}m_{210}^{(10)}\\
&+m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(21)}m_{120}^{(00)}-m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(00)}m_{021}^{(22)}-2m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(00)}m_{012}^{(21)}\\
&-m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(00)}m_{003}^{(11)}+2m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(20)}+2m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(10)}m_{003}^{(10)}\\
&-m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(11)}m_{003}^{(00)}+2m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{021}^{(20)}+2m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(10)}\\
&-2m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(21)}m_{012}^{(00)}-m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(22)}m_{021}^{(00)}+2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{120}^{(22)}\\
&+4m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{111}^{(21)}+2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{102}^{(11)}-4m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(20)}\\
&-4m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{102}^{(10)}+2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(11)}m_{102}^{(00)}-4m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(20)}\\
&-4m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(10)}+4m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(00)}+2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(22)}m_{120}^{(00)}\\
&+m_{100}^{(21)}m_{010}^{(21)}m_{020}^{(00)}m_{201}^{(22)}-2m_{100}^{(21)}m_{010}^{(21)}m_{020}^{(20)}m_{201}^{(20)}+m_{100}^{(21)}m_{010}^{(21)}m_{020}^{(22)}m_{201}^{(00)}\\
&-2m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(00)}m_{210}^{(22)}+4m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(20)}-2m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(22)}m_{210}^{(00)}\\
&-2m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(00)}m_{210}^{(21)}-m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(00)}m_{201}^{(11)}+2m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(10)}m_{210}^{(20)}\\
&+2m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(10)}m_{201}^{(10)}-m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(11)}m_{201}^{(00)}+2m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(20)}m_{210}^{(10)}\\
&-2m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(21)}m_{210}^{(00)}+m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(00)}m_{021}^{(21)}+m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(00)}m_{012}^{(11)}\\
&-m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{021}^{(20)}-2m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{012}^{(10)}+m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(11)}m_{012}^{(00)}\\
&-m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(10)}+m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{021}^{(00)}-2m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(00)}m_{120}^{(21)}\\
&-2m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(00)}m_{111}^{(11)}+2m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{120}^{(20)}+4m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(10)}\\
&-2m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(11)}m_{111}^{(00)}+2m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(10)}-2m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(21)}m_{120}^{(00)}\\
&-m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(00)}m_{201}^{(21)}+m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(10)}m_{201}^{(20)}+m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(20)}m_{201}^{(10)}\\
&-m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(21)}m_{201}^{(00)}+2m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{210}^{(21)}-2m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(10)}m_{210}^{(20)}\\
&-2m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(10)}+2m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(21)}m_{210}^{(00)}+m_{100}^{(21)}m_{010}^{(22)}m_{002}^{(00)}m_{210}^{(11)}\\
&-2m_{100}^{(21)}m_{010}^{(22)}m_{002}^{(10)}m_{210}^{(10)}+m_{100}^{(21)}m_{010}^{(22)}m_{002}^{(11)}m_{210}^{(00)}+m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(10)}m_{102}^{(21)}\\
&-m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(11)}m_{102}^{(20)}-m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(20)}m_{102}^{(11)}+m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(10)}\\
&-2m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(21)}+2m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(11)}m_{111}^{(20)}+2m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(11)}\\
&-2m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(10)}+m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(10)}m_{120}^{(21)}-m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(11)}m_{120}^{(20)}\\
&-m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(20)}m_{120}^{(11)}+m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(21)}m_{120}^{(10)}+m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(10)}m_{021}^{(22)}\\
&+m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(10)}m_{012}^{(21)}-m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(11)}m_{012}^{(20)}-m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{021}^{(21)}\\
&-m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{012}^{(11)}-m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(20)}+m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(10)}\\
&+m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(22)}m_{021}^{(10)}-2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{111}^{(22)}-2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(21)}\\
&+2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(11)}m_{102}^{(20)}+2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(21)}+2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{102}^{(11)}\\
&+2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(20)}-2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(10)}-2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(10)}\\
&-m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(00)}m_{102}^{(21)}+m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(10)}m_{201}^{(22)}+m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(20)}\\
&-m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(20)}m_{201}^{(21)}+m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(10)}-m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(21)}m_{201}^{(20)}\\
&-m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(21)}m_{102}^{(00)}+m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(22)}m_{201}^{(10)}+2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{111}^{(21)}\\
&+2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(21)}-2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(20)}-2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(11)}m_{201}^{(20)}\\
&-2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(11)}-2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(10)}+2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(10)}\\
&+2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(00)}-m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(00)}m_{120}^{(21)}-m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{210}^{(21)}
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&+m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{120}^{(20)}+m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(11)}m_{210}^{(20)}+m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(20)}m_{210}^{(11)}\\
&+m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(10)}-m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(21)}m_{210}^{(10)}-m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(21)}m_{120}^{(00)}\\
&-m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(00)}m_{021}^{(22)}-m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(00)}m_{012}^{(21)}+m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(20)}\\
&+2m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{021}^{(20)}+m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(10)}-m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{012}^{(00)}\\
&-m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(22)}m_{021}^{(00)}+2m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(00)}m_{111}^{(22)}+2m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(00)}m_{102}^{(21)}\\
&-2m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(20)}-4m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(20)}-2m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(10)}\\
&+2m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(21)}m_{102}^{(00)}+2m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(22)}m_{111}^{(00)}-m_{100}^{(21)}m_{001}^{(11)}m_{020}^{(00)}m_{201}^{(22)}\\
&+2m_{100}^{(21)}m_{001}^{(11)}m_{020}^{(20)}m_{201}^{(20)}-m_{100}^{(21)}m_{001}^{(11)}m_{020}^{(22)}m_{201}^{(00)}-2m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(00)}m_{201}^{(21)}\\
&+2m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(20)}+2m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(10)}-2m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(21)}m_{201}^{(00)}\\
&+m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(00)}m_{210}^{(21)}-m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(10)}m_{210}^{(20)}-m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(10)}\\
&+m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(21)}m_{210}^{(00)}-m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{030}^{(22)}-m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(21)}\\
&+m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(20)}+m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{030}^{(21)}+m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{021}^{(11)}\\
&+m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{030}^{(20)}-m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(10)}-m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(22)}m_{030}^{(10)}\\
&+2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{120}^{(22)}+2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(21)}-2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(20)}\\
&-2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(21)}-2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(11)}-2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(20)}\\
&+2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(10)}+2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(22)}m_{120}^{(10)}+m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{102}^{(11)}\\
&-m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{210}^{(22)}-m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(21)}-2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(10)}\\
&+m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(20)}+m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(11)}m_{102}^{(00)}+m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(21)}\\
&+m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{201}^{(11)}+m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(21)}m_{210}^{(20)}-m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(10)}\\
&-m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(22)}m_{210}^{(10)}-2m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{111}^{(11)}+4m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(10)}\\
&-2m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(11)}m_{111}^{(00)}+m_{100}^{(21)}m_{001}^{(20)}m_{002}^{(00)}m_{120}^{(11)}-2m_{100}^{(21)}m_{001}^{(20)}m_{002}^{(10)}m_{120}^{(10)}\\
&+m_{100}^{(21)}m_{001}^{(20)}m_{002}^{(11)}m_{120}^{(00)}+m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{030}^{(22)}+2m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(21)}\\
&+m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{012}^{(11)}-2m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(20)}-2m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(10)}\\
&+m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(11)}m_{012}^{(00)}-2m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{030}^{(20)}-2m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(10)}\\
&+2m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(00)}+m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(22)}m_{030}^{(00)}-2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{120}^{(22)}\\
&-4m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(21)}-2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{102}^{(11)}+4m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(20)}\\
&+4m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(10)}-2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(11)}m_{102}^{(00)}+4m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(20)}\\
&+4m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(10)}-4m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(00)}-2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(22)}m_{120}^{(00)}\\
&+m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(00)}m_{210}^{(22)}+2m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(21)}-2m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(20)}\\
&-2m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(20)}-2m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(10)}+2m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(21)}m_{201}^{(00)}\\
&+m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(22)}m_{210}^{(00)}+2m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{201}^{(11)}-4m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(10)}\\
&+2m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(11)}m_{201}^{(00)}-m_{100}^{(21)}m_{001}^{(21)}m_{002}^{(00)}m_{210}^{(11)}+2m_{100}^{(21)}m_{001}^{(21)}m_{002}^{(10)}m_{210}^{(10)}\\
&-m_{100}^{(21)}m_{001}^{(21)}m_{002}^{(11)}m_{210}^{(00)}-m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(21)}-m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(00)}m_{021}^{(11)}\\
&+m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(20)}+2m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(10)}-m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{021}^{(00)}\\
&+m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(10)}-m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(20)}+2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(21)}\\
&+2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{111}^{(11)}-2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(20)}-4m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(10)}\\
&+2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(11)}m_{111}^{(00)}-2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(10)}+2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(21)}m_{120}^{(00)}\\
&-m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(21)}-m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{201}^{(11)}+m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(20)}
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&+2m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(10)} - m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(11)}m_{201}^{(00)} + m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(10)}\\
&-m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(21)}m_{210}^{(00)} + (m_{100}^{(22)})^2m_{110}^{(00)}m_{021}^{(11)} - 2(m_{100}^{(22)})^2m_{110}^{(10)}m_{021}^{(10)}\\
&+(m_{100}^{(22)})^2m_{110}^{(11)}m_{021}^{(00)} - (m_{100}^{(22)})^2m_{101}^{(00)}m_{030}^{(11)} + 2(m_{100}^{(22)})^2m_{101}^{(10)}m_{030}^{(10)}\\
&-(m_{100}^{(22)})^2m_{101}^{(11)}m_{030}^{(00)} - (m_{100}^{(22)})^2m_{020}^{(00)}m_{111}^{(11)} + 2(m_{100}^{(22)})^2m_{020}^{(10)}m_{111}^{(10)}\\
&-(m_{100}^{(22)})^2m_{020}^{(11)}m_{111}^{(00)} + (m_{100}^{(22)})^2m_{011}^{(00)}m_{120}^{(11)} - 2(m_{100}^{(22)})^2m_{011}^{(10)}m_{120}^{(10)}\\
&+(m_{100}^{(22)})^2m_{011}^{(11)}m_{120}^{(00)} - m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(10)}m_{102}^{(21)} + m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(11)}m_{102}^{(20)}\\
&+m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(20)}m_{102}^{(11)} - m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(21)}m_{102}^{(10)} + 2m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(10)}m_{111}^{(21)}\\
&-2m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(11)}m_{111}^{(20)} - 2m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(20)}m_{111}^{(11)} + 2m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(21)}m_{111}^{(10)}\\
&-m_{100}^{(22)}m_{010}^{(00)}m_{002}^{(10)}m_{120}^{(21)} + m_{100}^{(22)}m_{010}^{(00)}m_{002}^{(11)}m_{120}^{(20)} + m_{100}^{(22)}m_{010}^{(00)}m_{002}^{(20)}m_{120}^{(11)}\\
&-m_{100}^{(22)}m_{010}^{(00)}m_{002}^{(21)}m_{120}^{(10)} + m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(10)}m_{012}^{(21)} - m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(11)}m_{012}^{(20)}\\
&-m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(20)}m_{012}^{(11)} + m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(21)}m_{012}^{(10)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(10)}m_{111}^{(21)}\\
&+2m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(11)}m_{111}^{(20)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(20)}m_{111}^{(11)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(10)}m_{020}^{(00)}m_{102}^{(21)} - m_{100}^{(22)}m_{010}^{(10)}m_{020}^{(10)}m_{102}^{(20)} - m_{100}^{(22)}m_{010}^{(10)}m_{020}^{(20)}m_{102}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(10)}m_{020}^{(21)}m_{102}^{(00)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(00)}m_{111}^{(21)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(10)}m_{111}^{(20)}\\
&+2m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(20)}m_{111}^{(10)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(21)}m_{111}^{(00)} + m_{100}^{(22)}m_{010}^{(10)}m_{002}^{(00)}m_{120}^{(21)}\\
&+m_{100}^{(22)}m_{010}^{(10)}m_{002}^{(10)}m_{210}^{(21)} - m_{100}^{(22)}m_{010}^{(10)}m_{002}^{(10)}m_{120}^{(20)} - m_{100}^{(22)}m_{010}^{(10)}m_{002}^{(11)}m_{210}^{(20)}\\
&-m_{100}^{(22)}m_{010}^{(10)}m_{002}^{(20)}m_{210}^{(11)} - m_{100}^{(22)}m_{010}^{(10)}m_{002}^{(20)}m_{120}^{(10)} + m_{100}^{(22)}m_{010}^{(10)}m_{002}^{(21)}m_{210}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(10)}m_{002}^{(21)}m_{120}^{(00)} - m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(00)}m_{012}^{(21)} + m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(10)}m_{012}^{(20)}\\
&+m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(20)}m_{012}^{(10)} - m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(21)}m_{012}^{(00)} + 2m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(00)}m_{111}^{(21)}\\
&-2m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(10)}m_{111}^{(20)} - 2m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(20)}m_{111}^{(10)} + 2m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(21)}m_{111}^{(00)}\\
&-m_{100}^{(22)}m_{010}^{(11)}m_{002}^{(00)}m_{210}^{(21)} + m_{100}^{(22)}m_{010}^{(11)}m_{002}^{(10)}m_{210}^{(20)} + m_{100}^{(22)}m_{010}^{(11)}m_{002}^{(20)}m_{210}^{(10)}\\
&-m_{100}^{(22)}m_{010}^{(11)}m_{002}^{(21)}m_{210}^{(00)} - m_{100}^{(22)}m_{010}^{(20)}m_{200}^{(10)}m_{021}^{(21)} + m_{100}^{(22)}m_{010}^{(20)}m_{200}^{(11)}m_{021}^{(20)}\\
&+m_{100}^{(22)}m_{010}^{(20)}m_{200}^{(20)}m_{021}^{(11)} - m_{100}^{(22)}m_{010}^{(20)}m_{200}^{(21)}m_{021}^{(10)} + 2m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(10)}m_{120}^{(21)}\\
&-2m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(11)}m_{120}^{(20)} - 2m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(20)}m_{120}^{(11)} + 2m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(21)}m_{120}^{(10)}\\
&-m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(00)}m_{102}^{(11)} + m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(10)}m_{201}^{(21)} + 2m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(10)}m_{102}^{(10)}\\
&-m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(11)}m_{201}^{(20)} - m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(11)}m_{102}^{(00)} - m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(20)}m_{201}^{(11)}\\
&+m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(21)}m_{201}^{(10)} + 2m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(00)}m_{111}^{(11)} - 2m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{210}^{(21)}\\
&-4m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(10)} + 2m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(11)}m_{210}^{(20)} + 2m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(11)}m_{111}^{(00)}\\
&+2m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(20)}m_{210}^{(11)} - 2m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(21)}m_{210}^{(10)} - m_{100}^{(22)}m_{010}^{(20)}m_{002}^{(00)}m_{120}^{(11)}\\
&+2m_{100}^{(22)}m_{010}^{(20)}m_{002}^{(10)}m_{120}^{(10)} - m_{100}^{(22)}m_{010}^{(20)}m_{002}^{(11)}m_{120}^{(00)} + m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(00)}m_{021}^{(21)}\\
&+m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(00)}m_{012}^{(11)} - m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(10)}m_{021}^{(20)} - 2m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(11)}m_{012}^{(00)} - m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(20)}m_{021}^{(10)} + m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(21)}m_{021}^{(00)}\\
&-2m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(00)}m_{120}^{(21)} - 2m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(00)}m_{111}^{(11)} + 2m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(10)}m_{120}^{(20)}\\
&+4m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(10)} - 2m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(11)}m_{111}^{(00)} + 2m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(10)}\\
&-2m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(21)}m_{120}^{(00)} - m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(00)}m_{201}^{(21)} + m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(10)}m_{201}^{(20)}\\
&+m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(20)}m_{201}^{(10)} - m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(21)}m_{201}^{(00)} + 2m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(00)}m_{210}^{(21)}\\
&-2m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(10)}m_{210}^{(20)} - 2m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(10)} + 2m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(21)}m_{210}^{(00)}\\
&+m_{100}^{(22)}m_{010}^{(21)}m_{002}^{(00)}m_{210}^{(11)} - 2m_{100}^{(22)}m_{010}^{(21)}m_{002}^{(10)}m_{210}^{(10)} + m_{100}^{(22)}m_{010}^{(21)}m_{002}^{(11)}m_{210}^{(00)}
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&-m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(00)}m_{021}^{(11)}+2m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(10)}m_{021}^{(10)}-m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(11)}m_{021}^{(00)}\\
&+2m_{100}^{(22)}m_{010}^{(22)}m_{101}^{(00)}m_{120}^{(11)}-4m_{100}^{(22)}m_{010}^{(22)}m_{101}^{(10)}m_{120}^{(10)}+2m_{100}^{(22)}m_{010}^{(22)}m_{101}^{(11)}m_{120}^{(00)}\\
&+m_{100}^{(22)}m_{010}^{(22)}m_{020}^{(00)}m_{201}^{(11)}-2m_{100}^{(22)}m_{010}^{(22)}m_{020}^{(10)}m_{201}^{(10)}+m_{100}^{(22)}m_{010}^{(22)}m_{020}^{(11)}m_{201}^{(00)}\\
&-2m_{100}^{(22)}m_{010}^{(22)}m_{011}^{(00)}m_{210}^{(11)}+4m_{100}^{(22)}m_{010}^{(22)}m_{011}^{(10)}m_{210}^{(10)}-2m_{100}^{(22)}m_{010}^{(22)}m_{011}^{(11)}m_{210}^{(00)}\\
&-m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(10)}m_{021}^{(21)}+m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(11)}m_{021}^{(20)}+m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(20)}m_{021}^{(11)}\\
&-m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(10)}+2m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{111}^{(21)}-2m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(11)}m_{111}^{(20)}\\
&-2m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(11)}+2m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(10)}-m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(10)}m_{201}^{(21)}\\
&+m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(11)}m_{201}^{(20)}+m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(20)}m_{201}^{(11)}-m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(21)}m_{201}^{(10)}\\
&+m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(00)}m_{021}^{(21)}-m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(10)}m_{021}^{(20)}-m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(20)}m_{021}^{(10)}\\
&+m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(21)}m_{021}^{(00)}-2m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(00)}m_{111}^{(21)}+2m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(10)}m_{111}^{(20)}\\
&+2m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(10)}-2m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(21)}m_{111}^{(00)}+m_{100}^{(22)}m_{001}^{(11)}m_{020}^{(00)}m_{201}^{(21)}\\
&-m_{100}^{(22)}m_{001}^{(11)}m_{020}^{(10)}m_{201}^{(20)}-m_{100}^{(22)}m_{001}^{(11)}m_{020}^{(20)}m_{201}^{(10)}+m_{100}^{(22)}m_{001}^{(11)}m_{020}^{(21)}m_{201}^{(00)}\\
&+m_{100}^{(22)}m_{001}^{(20)}m_{200}^{(10)}m_{030}^{(21)}-m_{100}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{030}^{(20)}-m_{100}^{(22)}m_{001}^{(20)}m_{200}^{(20)}m_{030}^{(11)}\\
&+m_{100}^{(22)}m_{001}^{(20)}m_{200}^{(21)}m_{030}^{(10)}-2m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{120}^{(21)}+2m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{120}^{(20)}\\
&+2m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(11)}-2m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(10)}+m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{210}^{(21)}\\
&-m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(11)}m_{210}^{(20)}-m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(11)}+m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(21)}m_{210}^{(10)}\\
&-m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(00)}m_{030}^{(21)}-m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(11)}+m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{030}^{(20)}\\
&+2m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(10)}-m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{021}^{(00)}+m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(20)}m_{030}^{(10)}\\
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&-2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{120}^{(20)}-4m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(10)}+2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(11)}m_{111}^{(00)}\\
&-2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(10)}+2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(21)}m_{120}^{(00)}-m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{210}^{(21)}\\
&-m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(11)}+m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(10)}m_{210}^{(20)}+2m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(10)}\\
&-m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(11)}m_{201}^{(00)}+m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(10)}-m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(21)}m_{210}^{(00)}\\
&+m_{100}^{(22)}m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(11)}-2m_{100}^{(22)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(10)}+m_{100}^{(22)}m_{001}^{(22)}m_{200}^{(11)}m_{030}^{(00)}\\
&-2m_{100}^{(22)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(11)}+4m_{100}^{(22)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(10)}-2m_{100}^{(22)}m_{001}^{(22)}m_{110}^{(11)}m_{120}^{(00)}\\
&+m_{100}^{(22)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(11)}-2m_{100}^{(22)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(10)}+m_{100}^{(22)}m_{001}^{(22)}m_{020}^{(11)}m_{210}^{(00)}\\
&-(m_{010}^{(00)})^2m_{110}^{(11)}m_{003}^{(22)}+2(m_{010}^{(00)})^2m_{110}^{(21)}m_{003}^{(21)}-(m_{010}^{(00)})^2m_{110}^{(22)}m_{003}^{(11)}\\
&+(m_{010}^{(00)})^2m_{101}^{(11)}m_{012}^{(22)}-2(m_{010}^{(00)})^2m_{101}^{(21)}m_{012}^{(21)}+(m_{010}^{(00)})^2m_{101}^{(22)}m_{012}^{(11)}\\
&+(m_{010}^{(00)})^2m_{011}^{(11)}m_{102}^{(22)}-2(m_{010}^{(00)})^2m_{011}^{(21)}m_{102}^{(21)}+(m_{010}^{(00)})^2m_{011}^{(22)}m_{102}^{(11)}\\
&-(m_{010}^{(00)})^2m_{002}^{(11)}m_{111}^{(22)}+2(m_{010}^{(00)})^2m_{002}^{(21)}m_{111}^{(21)}-(m_{010}^{(00)})^2m_{002}^{(22)}m_{111}^{(11)}\\
&+m_{010}^{(00)}m_{010}^{(10)}m_{200}^{(11)}m_{003}^{(22)}-2m_{010}^{(00)}m_{010}^{(10)}m_{200}^{(21)}m_{003}^{(21)}+m_{010}^{(00)}m_{010}^{(10)}m_{200}^{(22)}m_{003}^{(11)}\\
&+2m_{010}^{(00)}m_{010}^{(10)}m_{110}^{(10)}m_{003}^{(22)}-2m_{010}^{(00)}m_{010}^{(10)}m_{110}^{(20)}m_{003}^{(21)}-2m_{010}^{(00)}m_{010}^{(10)}m_{110}^{(21)}m_{003}^{(20)}\\
&+2m_{010}^{(00)}m_{010}^{(10)}m_{110}^{(22)}m_{003}^{(10)}-2m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(10)}m_{012}^{(22)}-2m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(11)}m_{102}^{(22)}\\
&+2m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(20)}m_{012}^{(21)}+4m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(21)}m_{102}^{(21)}+2m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(21)}m_{012}^{(20)}\\
&-2m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(22)}m_{102}^{(11)}-2m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(22)}m_{012}^{(10)}-2m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(10)}m_{102}^{(22)}\\
&+2m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(20)}m_{102}^{(21)}+2m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{102}^{(20)}-2m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(22)}m_{102}^{(10)}\\
&+2m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(10)}m_{111}^{(22)}+m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(11)}m_{201}^{(22)}-2m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(20)}m_{111}^{(21)}\\
&-2m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(21)}m_{201}^{(21)}-2m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(21)}m_{111}^{(20)}+m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(22)}m_{201}^{(11)}
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&+2m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(22)}m_{111}^{(10)} - m_{010}^{(00)}m_{010}^{(11)}m_{200}^{(10)}m_{003}^{(22)} + m_{010}^{(00)}m_{010}^{(11)}m_{200}^{(20)}m_{003}^{(21)}\\
&+m_{010}^{(00)}m_{010}^{(11)}m_{200}^{(21)}m_{003}^{(20)} - m_{010}^{(00)}m_{010}^{(11)}m_{200}^{(22)}m_{003}^{(10)} + 2m_{010}^{(00)}m_{010}^{(11)}m_{101}^{(10)}m_{102}^{(22)}\\
&-2m_{010}^{(00)}m_{010}^{(11)}m_{101}^{(20)}m_{102}^{(21)} - 2m_{010}^{(00)}m_{010}^{(11)}m_{101}^{(21)}m_{102}^{(20)} + 2m_{010}^{(00)}m_{010}^{(11)}m_{101}^{(22)}m_{102}^{(10)}\\
&-m_{010}^{(00)}m_{010}^{(11)}m_{002}^{(10)}m_{201}^{(22)} + m_{010}^{(00)}m_{010}^{(11)}m_{002}^{(20)}m_{201}^{(21)} + m_{010}^{(00)}m_{010}^{(11)}m_{002}^{(21)}m_{201}^{(20)}\\
&-m_{010}^{(00)}m_{010}^{(11)}m_{002}^{(22)}m_{201}^{(10)} - m_{010}^{(00)}m_{010}^{(20)}m_{200}^{(11)}m_{012}^{(22)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{200}^{(21)}m_{012}^{(21)}\\
&-m_{010}^{(00)}m_{010}^{(20)}m_{200}^{(22)}m_{012}^{(11)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(10)}m_{003}^{(21)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(11)}m_{102}^{(22)}\\
&+2m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(11)}m_{003}^{(20)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(20)}m_{003}^{(11)} - 4m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{102}^{(21)}\\
&-2m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{003}^{(10)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(22)}m_{102}^{(11)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(10)}m_{012}^{(21)}\\
&-2m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(11)}m_{012}^{(20)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(20)}m_{012}^{(11)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(21)}m_{012}^{(10)}\\
&+2m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(10)}m_{102}^{(21)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(11)}m_{201}^{(22)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(11)}m_{102}^{(20)}\\
&-2m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(20)}m_{102}^{(11)} + 4m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{201}^{(21)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{102}^{(10)}\\
&-2m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(22)}m_{201}^{(11)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(10)}m_{111}^{(21)} + m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(11)}m_{210}^{(22)}\\
&+2m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(11)}m_{111}^{(20)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(20)}m_{111}^{(11)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{210}^{(21)}\\
&-2m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{111}^{(10)} + m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(22)}m_{210}^{(11)} + m_{010}^{(00)}m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(22)}\\
&+m_{010}^{(00)}m_{010}^{(21)}m_{200}^{(10)}m_{003}^{(21)} - m_{010}^{(00)}m_{010}^{(21)}m_{200}^{(11)}m_{003}^{(20)} - m_{010}^{(00)}m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(21)}\\
&-m_{010}^{(00)}m_{010}^{(21)}m_{200}^{(20)}m_{003}^{(11)} - m_{010}^{(00)}m_{010}^{(21)}m_{200}^{(21)}m_{012}^{(20)} + m_{010}^{(00)}m_{010}^{(21)}m_{200}^{(21)}m_{003}^{(10)}\\
&+m_{010}^{(00)}m_{010}^{(21)}m_{200}^{(22)}m_{012}^{(10)} - 2m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(10)}m_{102}^{(22)} + 2m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(21)}\\
&+2m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(21)}m_{102}^{(20)} - 2m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(22)}m_{102}^{(10)} - 2m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(10)}m_{102}^{(21)}\\
&+2m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(11)}m_{102}^{(20)} + 2m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(20)}m_{102}^{(11)} - 2m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{102}^{(10)}\\
&+2m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(22)} - 2m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(21)} - 2m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(20)}\\
&+2m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{201}^{(10)} - m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(10)}m_{210}^{(22)} + m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(10)}m_{201}^{(21)}\\
&-m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(11)}m_{201}^{(20)} + m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(20)}m_{210}^{(21)} - m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(20)}m_{201}^{(11)}\\
&+m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(21)}m_{210}^{(20)} + m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(21)}m_{201}^{(10)} - m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(22)}m_{210}^{(10)}\\
&-m_{010}^{(00)}m_{010}^{(22)}m_{200}^{(10)}m_{012}^{(21)} + m_{010}^{(00)}m_{010}^{(22)}m_{200}^{(11)}m_{012}^{(20)} + m_{010}^{(00)}m_{010}^{(22)}m_{200}^{(20)}m_{012}^{(11)}\\
&-m_{010}^{(00)}m_{010}^{(22)}m_{200}^{(21)}m_{012}^{(10)} + 2m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(10)}m_{102}^{(21)} - 2m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(11)}m_{102}^{(20)}\\
&-2m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(20)}m_{102}^{(11)} + 2m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{102}^{(10)} - 2m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(10)}m_{201}^{(21)}\\
&+2m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(11)}m_{201}^{(20)} + 2m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(20)}m_{201}^{(11)} - 2m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{201}^{(10)}\\
&+m_{010}^{(00)}m_{010}^{(22)}m_{002}^{(10)}m_{210}^{(21)} - m_{010}^{(00)}m_{010}^{(22)}m_{002}^{(11)}m_{210}^{(20)} - m_{010}^{(00)}m_{010}^{(22)}m_{002}^{(20)}m_{210}^{(11)}\\
&+m_{010}^{(00)}m_{010}^{(22)}m_{002}^{(21)}m_{210}^{(10)} + 2m_{010}^{(00)}m_{001}^{(00)}m_{110}^{(11)}m_{012}^{(22)} - 4m_{010}^{(00)}m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(21)}\\
&+2m_{010}^{(00)}m_{001}^{(00)}m_{110}^{(22)}m_{012}^{(11)} - 2m_{010}^{(00)}m_{001}^{(00)}m_{101}^{(11)}m_{021}^{(22)} + 4m_{010}^{(00)}m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(21)}\\
&-2m_{010}^{(00)}m_{001}^{(00)}m_{101}^{(22)}m_{021}^{(11)} - m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(11)}m_{102}^{(22)} + 2m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(22)}m_{102}^{(11)} + m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(11)}m_{120}^{(22)} - 2m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(21)}m_{120}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(22)}m_{120}^{(11)} - m_{010}^{(00)}m_{001}^{(10)}m_{200}^{(11)}m_{012}^{(22)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(10)}m_{200}^{(22)}m_{012}^{(11)} - 2m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(22)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(21)}\\
&+2m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(20)} - 2m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{012}^{(10)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(22)}\\
&+2m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(22)} - 2m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(21)} - 4m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(21)}\\
&-2m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(20)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(22)}m_{111}^{(11)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(22)}m_{021}^{(10)}\\
&+m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(22)} - m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(21)} - m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{102}^{(20)}
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&+m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{102}^{(10)} - m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{120}^{(22)} - m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{210}^{(22)}\\
&+m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(21)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{210}^{(21)} + m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{120}^{(20)}\\
&-m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(22)}m_{210}^{(11)} - m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(22)}m_{120}^{(10)} + m_{010}^{(00)}m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(22)}\\
&-m_{010}^{(00)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(21)} - m_{010}^{(00)}m_{001}^{(11)}m_{200}^{(21)}m_{012}^{(20)} + m_{010}^{(00)}m_{001}^{(11)}m_{200}^{(22)}m_{012}^{(10)}\\
&-2m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(22)} + 2m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(21)} + 2m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(20)}\\
&-2m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(22)}m_{111}^{(10)} + m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(10)}m_{210}^{(22)} - m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{210}^{(20)} + m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(22)}m_{210}^{(10)} + m_{010}^{(00)}m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(22)}\\
&-2m_{010}^{(00)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(21)} + m_{010}^{(00)}m_{001}^{(20)}m_{200}^{(22)}m_{021}^{(11)} + 2m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(21)}\\
&-2m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(22)} - 2m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(11)}m_{012}^{(20)} - 2m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(20)}m_{012}^{(11)}\\
&+4m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(21)} + 2m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{012}^{(10)} - 2m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(22)}m_{111}^{(11)}\\
&-2m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(21)} + 2m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{021}^{(20)} + 2m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{021}^{(11)}\\
&-2m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{021}^{(10)} - m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(21)} + m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{102}^{(22)}\\
&+m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{102}^{(20)} + m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{102}^{(11)} - 2m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{102}^{(10)} + m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(22)}m_{201}^{(11)} + m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(10)}m_{120}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(11)}m_{120}^{(20)} - m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(20)}m_{120}^{(11)} + m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(21)}m_{120}^{(10)}\\
&-m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(22)} - m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(21)} + m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(11)}m_{012}^{(20)}\\
&+m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(21)} + m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(20)}m_{012}^{(11)} + m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(20)}\\
&-m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(21)}m_{012}^{(10)} - m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(22)}m_{021}^{(10)} + 2m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(22)}\\
&-2m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(21)} - 2m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(20)} + 2m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(22)}m_{111}^{(10)}\\
&+2m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(21)} - 2m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{111}^{(20)} - 2m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(20)}m_{111}^{(11)}\\
&+2m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{111}^{(10)} - m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(22)} + m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{201}^{(20)} - m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{201}^{(10)} - m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(10)}m_{210}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(11)}m_{210}^{(20)} + m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(20)}m_{210}^{(11)} - m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(21)}m_{210}^{(10)}\\
&+m_{010}^{(00)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(21)} - m_{010}^{(00)}m_{001}^{(22)}m_{200}^{(11)}m_{021}^{(20)} - m_{010}^{(00)}m_{001}^{(22)}m_{200}^{(20)}m_{021}^{(11)}\\
&+m_{010}^{(00)}m_{001}^{(22)}m_{200}^{(21)}m_{021}^{(10)} - 2m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(21)} + 2m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(11)}m_{111}^{(20)}\\
&+2m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(20)}m_{111}^{(11)} - 2m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(21)}m_{111}^{(10)} + m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(11)}m_{201}^{(20)} - m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(20)}m_{201}^{(11)} + m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(21)}m_{201}^{(10)}\\
&-(m_{010}^{(10)})^2m_{200}^{(10)}m_{003}^{(22)} + (m_{010}^{(10)})^2m_{200}^{(20)}m_{003}^{(21)} + (m_{010}^{(10)})^2m_{200}^{(21)}m_{003}^{(20)}\\
&-(m_{010}^{(10)})^2m_{200}^{(22)}m_{003}^{(10)} - (m_{010}^{(10)})^2m_{110}^{(00)}m_{003}^{(22)} + 2(m_{010}^{(10)})^2m_{110}^{(20)}m_{003}^{(20)}\\
&-(m_{010}^{(10)})^2m_{110}^{(22)}m_{003}^{(00)} + (m_{010}^{(10)})^2m_{101}^{(00)}m_{012}^{(22)} + 2(m_{010}^{(10)})^2m_{101}^{(10)}m_{102}^{(22)}\\
&-2(m_{010}^{(10)})^2m_{101}^{(20)}m_{102}^{(21)} - 2(m_{010}^{(10)})^2m_{101}^{(20)}m_{012}^{(20)} - 2(m_{010}^{(10)})^2m_{101}^{(21)}m_{102}^{(20)}\\
&+2(m_{010}^{(10)})^2m_{101}^{(22)}m_{102}^{(10)} + (m_{010}^{(10)})^2m_{101}^{(22)}m_{012}^{(00)} + (m_{010}^{(10)})^2m_{011}^{(00)}m_{102}^{(22)}\\
&-2(m_{010}^{(10)})^2m_{011}^{(20)}m_{102}^{(20)} + (m_{010}^{(10)})^2m_{011}^{(22)}m_{102}^{(00)} - (m_{010}^{(10)})^2m_{002}^{(00)}m_{111}^{(22)}\\
&-(m_{010}^{(10)})^2m_{002}^{(10)}m_{201}^{(22)} + (m_{010}^{(10)})^2m_{002}^{(20)}m_{201}^{(21)} + 2(m_{010}^{(10)})^2m_{002}^{(20)}m_{111}^{(20)}\\
&+(m_{010}^{(10)})^2m_{002}^{(21)}m_{201}^{(20)} - (m_{010}^{(10)})^2m_{002}^{(22)}m_{201}^{(10)} - (m_{010}^{(10)})^2m_{002}^{(22)}m_{111}^{(00)}\\
&+m_{010}^{(10)}m_{010}^{(11)}m_{200}^{(00)}m_{003}^{(22)} - 2m_{010}^{(10)}m_{010}^{(11)}m_{200}^{(20)}m_{003}^{(20)} + m_{010}^{(10)}m_{010}^{(11)}m_{200}^{(22)}m_{003}^{(00)}\\
&-2m_{010}^{(10)}m_{010}^{(11)}m_{101}^{(00)}m_{102}^{(22)} + 4m_{010}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{102}^{(20)} - 2m_{010}^{(10)}m_{010}^{(11)}m_{101}^{(22)}m_{102}^{(00)}\\
&+m_{010}^{(10)}m_{010}^{(11)}m_{002}^{(00)}m_{201}^{(22)} - 2m_{010}^{(10)}m_{010}^{(11)}m_{002}^{(20)}m_{201}^{(20)} + m_{010}^{(10)}m_{010}^{(11)}m_{002}^{(22)}m_{201}^{(00)}
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&+m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(10)}m_{012}^{(22)}+m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(10)}m_{003}^{(21)}-m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(11)}m_{102}^{(22)}\\
&-m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(11)}m_{003}^{(20)}-m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(20)}m_{012}^{(21)}-m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(20)}m_{003}^{(11)}\\
&+2m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{102}^{(21)}-m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{012}^{(20)}+m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{003}^{(10)}\\
&-m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(22)}m_{102}^{(11)}+m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(22)}m_{012}^{(10)}+2m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(00)}m_{003}^{(21)}\\
&-2m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(10)}m_{102}^{(22)}-2m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(10)}m_{003}^{(20)}+2m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{102}^{(21)}\\
&-2m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{003}^{(10)}+2m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{102}^{(20)}+2m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{003}^{(00)}\\
&-2m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{102}^{(10)}-2m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(00)}m_{012}^{(21)}-2m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{102}^{(21)}\\
&+2m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{012}^{(20)}+2m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(11)}m_{201}^{(22)}+2m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(11)}m_{102}^{(20)}\\
&+2m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(20)}m_{102}^{(11)}+2m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(20)}m_{012}^{(10)}-4m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{201}^{(21)}\\
&-2m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{102}^{(10)}-2m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{012}^{(00)}+2m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{201}^{(11)}\\
&-2m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(00)}m_{102}^{(21)}+2m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{201}^{(22)}+2m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{102}^{(20)}\\
&-2m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{201}^{(21)}+2m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{102}^{(10)}-2m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{201}^{(20)}\\
&-2m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{102}^{(00)}+2m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{201}^{(10)}+2m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(00)}m_{111}^{(21)}\\
&-m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{210}^{(22)}+m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{201}^{(21)}-2m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{111}^{(20)}\\
&-m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(11)}m_{300}^{(22)}-m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(11)}m_{201}^{(20)}+m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{210}^{(21)}\\
&-m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{201}^{(11)}-2m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{111}^{(10)}+2m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{300}^{(21)}\\
&+m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{210}^{(20)}+m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{201}^{(10)}+2m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{111}^{(00)}\\
&-m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(22)}m_{300}^{(11)}-m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(22)}m_{210}^{(10)}-m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(00)}m_{012}^{(22)}\\
&-m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(00)}m_{003}^{(21)}+m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(10)}m_{102}^{(22)}+m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(10)}m_{003}^{(20)}\\
&-m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(20)}m_{102}^{(21)}+2m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(20)}+m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(20)}m_{003}^{(10)}\\
&-m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{102}^{(20)}-m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{003}^{(00)}+m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{102}^{(10)}\\
&-m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{012}^{(00)}+2m_{010}^{(10)}m_{010}^{(21)}m_{110}^{(00)}m_{102}^{(22)}-4m_{010}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(20)}\\
&+2m_{010}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{102}^{(00)}+2m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(00)}m_{102}^{(21)}-2m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{201}^{(22)}\\
&-2m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{102}^{(20)}+2m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{201}^{(21)}-2m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{102}^{(10)}\\
&+2m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{201}^{(20)}+2m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{102}^{(00)}-2m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{201}^{(10)}\\
&-2m_{010}^{(10)}m_{010}^{(21)}m_{011}^{(00)}m_{201}^{(22)}+4m_{010}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(20)}-2m_{010}^{(10)}m_{010}^{(21)}m_{011}^{(22)}m_{201}^{(00)}\\
&+m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(00)}m_{210}^{(22)}-m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(00)}m_{201}^{(21)}+m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{300}^{(22)}\\
&+m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{201}^{(20)}-m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{300}^{(21)}-2m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{210}^{(20)}\\
&+m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{201}^{(10)}-m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{300}^{(20)}-m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{201}^{(00)}\\
&+m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(22)}m_{300}^{(10)}+m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(22)}m_{210}^{(00)}+m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(00)}m_{012}^{(21)}\\
&-m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(10)}m_{102}^{(21)}-m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(10)}m_{012}^{(20)}+m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(11)}m_{102}^{(20)}\\
&+m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(20)}m_{102}^{(11)}-m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(20)}m_{012}^{(10)}-m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(21)}m_{102}^{(10)}\\
&+m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(21)}m_{012}^{(00)}-2m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(00)}m_{102}^{(21)}+2m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{102}^{(20)}\\
&+2m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{102}^{(10)}-2m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{102}^{(00)}+2m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{201}^{(21)}\\
&-2m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(11)}m_{201}^{(20)}-2m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{201}^{(11)}+2m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{201}^{(10)}\\
&+2m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{201}^{(21)}-2m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{201}^{(20)}-2m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{201}^{(10)}\\
&+2m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(21)}m_{201}^{(00)}-m_{010}^{(10)}m_{010}^{(22)}m_{002}^{(00)}m_{210}^{(21)}-m_{010}^{(10)}m_{010}^{(22)}m_{002}^{(10)}m_{300}^{(21)}\\
&+m_{010}^{(10)}m_{010}^{(22)}m_{002}^{(10)}m_{210}^{(20)}+m_{010}^{(10)}m_{010}^{(22)}m_{002}^{(11)}m_{300}^{(20)}+m_{010}^{(10)}m_{010}^{(22)}m_{002}^{(20)}m_{300}^{(11)}
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&+m_{010}^{(10)}m_{010}^{(22)}m_{002}^{(20)}m_{210}^{(10)} - m_{010}^{(10)}m_{010}^{(22)}m_{002}^{(21)}m_{300}^{(10)} - m_{010}^{(10)}m_{010}^{(22)}m_{002}^{(21)}m_{210}^{(00)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{200}^{(11)}m_{012}^{(22)} + 2m_{010}^{(10)}m_{001}^{(00)}m_{200}^{(21)}m_{012}^{(21)} - m_{010}^{(10)}m_{001}^{(00)}m_{200}^{(22)}m_{012}^{(11)}\\
&-2m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(10)}m_{012}^{(22)} + 2m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(20)}m_{012}^{(21)} + 2m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(22)}m_{012}^{(10)} + 2m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(10)}m_{021}^{(22)} + 2m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(11)}m_{111}^{(22)}\\
&-2m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(20)}m_{021}^{(21)} - 4m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{111}^{(21)} - 2m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(20)}\\
&+2m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(22)}m_{111}^{(11)} + 2m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(22)}m_{021}^{(10)} + m_{010}^{(10)}m_{001}^{(00)}m_{020}^{(10)}m_{102}^{(22)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{020}^{(20)}m_{102}^{(21)} - m_{010}^{(10)}m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(20)} + m_{010}^{(10)}m_{001}^{(00)}m_{020}^{(22)}m_{102}^{(10)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{120}^{(22)} - m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(11)}m_{210}^{(22)} + m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(20)}m_{120}^{(21)}\\
&+2m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{210}^{(21)} + m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{120}^{(20)} - m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(22)}m_{210}^{(11)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(22)}m_{120}^{(10)} + 2m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(10)}m_{012}^{(22)} + m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(11)}m_{102}^{(22)}\\
&-2m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(20)}m_{012}^{(21)} - 2m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{102}^{(21)} - 2m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(22)}m_{102}^{(11)} + 2m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(22)}m_{012}^{(10)} + 2m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(00)}m_{012}^{(22)}\\
&-4m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(20)} + 2m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{012}^{(00)} - 2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(00)}m_{021}^{(22)}\\
&-4m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(22)} - 2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{201}^{(22)} + 4m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(21)}\\
&+4m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(20)} + 4m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{201}^{(21)} + 4m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{201}^{(11)} - 4m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{111}^{(10)} - 2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{021}^{(00)}\\
&-m_{010}^{(10)}m_{001}^{(10)}m_{020}^{(00)}m_{102}^{(22)} + 2m_{010}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(20)} - m_{010}^{(10)}m_{001}^{(10)}m_{020}^{(22)}m_{102}^{(00)}\\
&+m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(00)}m_{120}^{(22)} + 2m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{210}^{(22)} + m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(11)}m_{300}^{(22)}\\
&-2m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{210}^{(21)} - 2m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(20)} - 2m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{300}^{(21)}\\
&-2m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{210}^{(20)} + m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(22)}m_{300}^{(11)} + 2m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(22)}m_{210}^{(10)}\\
&+m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(22)}m_{120}^{(00)} - m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(00)}m_{012}^{(22)} - m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(10)}m_{102}^{(22)}\\
&+m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{102}^{(21)} + 2m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(20)} + m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{102}^{(10)} - m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{012}^{(00)} + 2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{111}^{(22)}\\
&+2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(22)} - 2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{201}^{(21)} - 4m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(20)} + 2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{201}^{(10)} + 2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{111}^{(00)}\\
&-m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(00)}m_{210}^{(22)} - m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{300}^{(22)} + m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{300}^{(21)}\\
&+2m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(20)} + m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(21)}m_{300}^{(20)} - m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(22)}m_{300}^{(10)}\\
&-m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(22)}m_{210}^{(00)} - m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(22)} - m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(10)}m_{012}^{(21)}\\
&+m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{012}^{(20)} + m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(20)}m_{021}^{(21)} + m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(20)}m_{012}^{(11)}\\
&+m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(20)} - m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{012}^{(10)} - m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(22)}m_{021}^{(10)}\\
&-2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(00)}m_{012}^{(21)} + 2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(22)} + 2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(21)} + 2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{012}^{(10)} - 2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{012}^{(00)} + 2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{111}^{(10)} + 2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(00)}m_{021}^{(21)}\\
&+2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(21)} - 2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(20)} - 2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{111}^{(11)} - 2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{021}^{(10)} + 2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{111}^{(10)}\\
&+2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{021}^{(00)} + m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{102}^{(21)} - m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(22)}\\
&-m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(20)} + m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{201}^{(21)} - m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{102}^{(10)}\\
&+m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(20)} + m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{102}^{(00)} - m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(22)}m_{201}^{(10)}
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&-m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(00)}m_{120}^{(21)} - m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{210}^{(21)} + m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{120}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(11)}m_{210}^{(20)} + m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(20)}m_{210}^{(11)} + m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(20)}m_{120}^{(10)}\\
&-m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(21)}m_{210}^{(10)} - m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(21)}m_{120}^{(00)} + m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(22)}\\
&+m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(00)}m_{012}^{(21)} + m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{102}^{(21)} - m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{102}^{(20)} - m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{102}^{(11)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{012}^{(10)} + m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{102}^{(10)} + m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{012}^{(00)}\\
&+m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(22)}m_{021}^{(00)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(22)} + 4m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{111}^{(00)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(21)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{201}^{(21)}\\
&+2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(20)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(20)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{201}^{(11)}\\
&+2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{111}^{(10)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{201}^{(10)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{111}^{(00)}\\
&+m_{010}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(22)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(20)} + m_{010}^{(10)}m_{001}^{(21)}m_{020}^{(22)}m_{201}^{(00)}\\
&+m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(00)}m_{210}^{(21)} + m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{300}^{(21)} - m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{210}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(11)}m_{300}^{(20)} - m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(20)}m_{300}^{(11)} - m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(20)}m_{210}^{(10)}\\
&+m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(21)}m_{300}^{(10)} + m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(21)}m_{210}^{(00)} - m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(00)}m_{021}^{(21)}\\
&+m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(20)} + m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(20)}m_{021}^{(10)} - m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{021}^{(00)}\\
&+2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{111}^{(21)} - 2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(20)} - 2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{111}^{(10)}\\
&+2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{111}^{(00)} - m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{201}^{(21)} + m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{201}^{(10)} - m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(21)}m_{201}^{(00)} - m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(00)}m_{003}^{(21)}\\
&+m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(10)}m_{102}^{(22)} + m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(10)}m_{003}^{(20)} - m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(20)}m_{102}^{(21)}\\
&+m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(20)}m_{003}^{(10)} - m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(21)}m_{102}^{(20)} - m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(21)}m_{003}^{(00)}\\
&+m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(22)}m_{102}^{(10)} + 2m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(00)}m_{102}^{(21)} - 2m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(10)}m_{102}^{(22)}\\
&-2m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(10)}m_{102}^{(20)} + 2m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{102}^{(21)} - 2m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{102}^{(10)}\\
&+2m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(21)}m_{201}^{(20)} + 2m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(21)}m_{102}^{(00)} - 2m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(22)}m_{201}^{(10)}\\
&-m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(00)}m_{201}^{(21)} + m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(10)}m_{300}^{(22)} + m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(10)}m_{201}^{(20)}\\
&-m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(20)}m_{300}^{(21)} + m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(20)}m_{201}^{(10)} - m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(21)}m_{300}^{(20)}\\
&-m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(21)}m_{201}^{(00)} + m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(22)}m_{300}^{(10)} - m_{010}^{(11)}m_{010}^{(21)}m_{200}^{(00)}m_{102}^{(22)}\\
&+2m_{010}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{102}^{(20)} - m_{010}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{102}^{(00)} + 2m_{010}^{(11)}m_{010}^{(21)}m_{101}^{(00)}m_{201}^{(22)}\\
&-4m_{010}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{201}^{(20)} + 2m_{010}^{(11)}m_{010}^{(21)}m_{101}^{(22)}m_{201}^{(00)} - m_{010}^{(11)}m_{010}^{(21)}m_{002}^{(00)}m_{300}^{(22)}\\
&+2m_{010}^{(11)}m_{010}^{(21)}m_{002}^{(20)}m_{300}^{(20)} - m_{010}^{(11)}m_{010}^{(21)}m_{002}^{(22)}m_{300}^{(00)} + m_{010}^{(11)}m_{010}^{(22)}m_{200}^{(00)}m_{102}^{(21)}\\
&-m_{010}^{(11)}m_{010}^{(22)}m_{200}^{(10)}m_{102}^{(20)} - m_{010}^{(11)}m_{010}^{(22)}m_{200}^{(20)}m_{102}^{(10)} + m_{010}^{(11)}m_{010}^{(22)}m_{200}^{(21)}m_{102}^{(00)}\\
&-2m_{010}^{(11)}m_{010}^{(22)}m_{101}^{(00)}m_{201}^{(21)} + 2m_{010}^{(11)}m_{010}^{(22)}m_{101}^{(10)}m_{201}^{(20)} + 2m_{010}^{(11)}m_{010}^{(22)}m_{101}^{(20)}m_{201}^{(10)}\\
&-2m_{010}^{(11)}m_{010}^{(22)}m_{101}^{(21)}m_{201}^{(00)} + m_{010}^{(11)}m_{010}^{(22)}m_{002}^{(00)}m_{300}^{(21)} - m_{010}^{(11)}m_{010}^{(22)}m_{002}^{(10)}m_{300}^{(20)}\\
&-m_{010}^{(11)}m_{010}^{(22)}m_{002}^{(20)}m_{300}^{(10)} + m_{010}^{(11)}m_{010}^{(22)}m_{002}^{(21)}m_{300}^{(00)} + m_{010}^{(11)}m_{001}^{(00)}m_{200}^{(10)}m_{012}^{(22)}\\
&-m_{010}^{(11)}m_{001}^{(00)}m_{200}^{(20)}m_{012}^{(21)} - m_{010}^{(11)}m_{001}^{(00)}m_{200}^{(21)}m_{012}^{(20)} + m_{010}^{(11)}m_{001}^{(00)}m_{200}^{(22)}m_{012}^{(10)}\\
&-2m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(10)}m_{111}^{(22)} + 2m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{111}^{(21)} + 2m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(21)}m_{111}^{(20)}\\
&-2m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(22)}m_{111}^{(10)} + m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(10)}m_{210}^{(22)} - m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(20)}m_{210}^{(21)}\\
&-m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(21)}m_{210}^{(20)} + m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(22)}m_{210}^{(10)} - m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(00)}m_{012}^{(22)}\\
&-m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(10)}m_{102}^{(22)} + m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{102}^{(21)} + 2m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{012}^{(20)}
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&+m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(21)}m_{102}^{(20)} - m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{102}^{(10)} - m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{012}^{(00)}\\
&+2m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(00)}m_{111}^{(22)} + 2m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{201}^{(22)} - 2m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{201}^{(21)}\\
&-4m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(20)} - 2m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{201}^{(20)} + 2m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{201}^{(10)}\\
&+2m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{111}^{(00)} - m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(00)}m_{210}^{(22)} - m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{300}^{(22)}\\
&+m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{300}^{(21)} + 2m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{210}^{(20)} + m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(21)}m_{300}^{(20)}\\
&-m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(22)}m_{300}^{(10)} - m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(22)}m_{210}^{(00)} + m_{010}^{(11)}m_{001}^{(11)}m_{200}^{(00)}m_{102}^{(22)}\\
&-2m_{010}^{(11)}m_{001}^{(11)}m_{200}^{(20)}m_{102}^{(20)} + m_{010}^{(11)}m_{001}^{(11)}m_{200}^{(22)}m_{102}^{(00)} - 2m_{010}^{(11)}m_{001}^{(11)}m_{101}^{(00)}m_{201}^{(22)}\\
&+4m_{010}^{(11)}m_{001}^{(11)}m_{101}^{(20)}m_{201}^{(20)} - 2m_{010}^{(11)}m_{001}^{(11)}m_{101}^{(22)}m_{201}^{(00)} + m_{010}^{(11)}m_{001}^{(11)}m_{002}^{(00)}m_{300}^{(22)}\\
&-2m_{010}^{(11)}m_{001}^{(11)}m_{002}^{(20)}m_{300}^{(20)} + m_{010}^{(11)}m_{001}^{(11)}m_{002}^{(22)}m_{300}^{(00)} + m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(00)}m_{012}^{(21)}\\
&-m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{012}^{(20)} - m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{012}^{(10)} + m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{012}^{(00)}\\
&-2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{111}^{(21)} + 2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(20)} + 2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{111}^{(10)}\\
&-2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{111}^{(00)} + m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(00)}m_{210}^{(21)} - m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(10)}m_{210}^{(20)}\\
&-m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(20)}m_{210}^{(10)} + m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(21)}m_{210}^{(00)} - m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{102}^{(21)}\\
&+m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{102}^{(20)} + m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{102}^{(10)} - m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{102}^{(00)}\\
&+2m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{201}^{(21)} - 2m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{201}^{(20)} - 2m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{201}^{(10)}\\
&+2m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{201}^{(00)} - m_{010}^{(11)}m_{001}^{(21)}m_{002}^{(00)}m_{300}^{(21)} + m_{010}^{(11)}m_{001}^{(21)}m_{002}^{(10)}m_{300}^{(20)}\\
&+m_{010}^{(11)}m_{001}^{(21)}m_{002}^{(20)}m_{300}^{(10)} - m_{010}^{(11)}m_{001}^{(21)}m_{002}^{(21)}m_{300}^{(00)} - (m_{010}^{(20)})^2m_{200}^{(10)}m_{012}^{(21)}\\
&+(m_{010}^{(20)})^2m_{200}^{(11)}m_{111}^{(22)} + (m_{010}^{(20)})^2m_{200}^{(11)}m_{012}^{(20)} + (m_{010}^{(20)})^2m_{200}^{(20)}m_{012}^{(11)}\\
&-2(m_{010}^{(20)})^2m_{200}^{(21)}m_{111}^{(21)} - (m_{010}^{(20)})^2m_{200}^{(21)}m_{012}^{(10)} + (m_{010}^{(20)})^2m_{200}^{(22)}m_{111}^{(11)}\\
&-(m_{010}^{(20)})^2m_{110}^{(00)}m_{003}^{(11)} + 2(m_{010}^{(20)})^2m_{110}^{(10)}m_{102}^{(21)} + 2(m_{010}^{(20)})^2m_{110}^{(10)}m_{003}^{(10)}\\
&-(m_{010}^{(20)})^2m_{110}^{(11)}m_{201}^{(22)} - 2(m_{010}^{(20)})^2m_{110}^{(11)}m_{102}^{(20)} - (m_{010}^{(20)})^2m_{110}^{(11)}m_{003}^{(00)}\\
&-2(m_{010}^{(20)})^2m_{110}^{(20)}m_{102}^{(11)} + 2(m_{010}^{(20)})^2m_{110}^{(21)}m_{201}^{(21)} + 2(m_{010}^{(20)})^2m_{110}^{(21)}m_{102}^{(10)}\\
&-(m_{010}^{(20)})^2m_{110}^{(22)}m_{201}^{(11)} + (m_{010}^{(20)})^2m_{101}^{(00)}m_{012}^{(11)} - 2(m_{010}^{(20)})^2m_{101}^{(10)}m_{012}^{(10)}\\
&-(m_{010}^{(20)})^2m_{101}^{(11)}m_{210}^{(22)} + (m_{010}^{(20)})^2m_{101}^{(11)}m_{012}^{(00)} + 2(m_{010}^{(20)})^2m_{101}^{(21)}m_{210}^{(21)}\\
&-(m_{010}^{(20)})^2m_{101}^{(22)}m_{210}^{(11)} + (m_{010}^{(20)})^2m_{011}^{(00)}m_{102}^{(11)} - 2(m_{010}^{(20)})^2m_{011}^{(10)}m_{201}^{(21)}\\
&-2(m_{010}^{(20)})^2m_{011}^{(10)}m_{102}^{(10)} + (m_{010}^{(20)})^2m_{011}^{(11)}m_{300}^{(22)} + 2(m_{010}^{(20)})^2m_{011}^{(11)}m_{201}^{(20)}\\
&+(m_{010}^{(20)})^2m_{011}^{(11)}m_{102}^{(00)} + 2(m_{010}^{(20)})^2m_{011}^{(20)}m_{201}^{(11)} - 2(m_{010}^{(20)})^2m_{011}^{(21)}m_{300}^{(21)}\\
&-2(m_{010}^{(20)})^2m_{011}^{(21)}m_{201}^{(10)} + (m_{010}^{(20)})^2m_{011}^{(22)}m_{300}^{(11)} - (m_{010}^{(20)})^2m_{002}^{(00)}m_{111}^{(11)}\\
&+(m_{010}^{(20)})^2m_{002}^{(10)}m_{210}^{(21)} + 2(m_{010}^{(20)})^2m_{002}^{(10)}m_{111}^{(10)} - (m_{010}^{(20)})^2m_{002}^{(11)}m_{210}^{(20)}\\
&-(m_{010}^{(20)})^2m_{002}^{(11)}m_{111}^{(00)} - (m_{010}^{(20)})^2m_{002}^{(20)}m_{210}^{(11)} + (m_{010}^{(20)})^2m_{002}^{(21)}m_{210}^{(10)}\\
&+m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(00)}m_{012}^{(21)} + m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(00)}m_{003}^{(11)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(10)}m_{111}^{(22)}\\
&-m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(10)}m_{102}^{(21)} - m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(20)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(10)}m_{003}^{(10)}\\
&+m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(11)}m_{102}^{(20)} + m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(11)}m_{003}^{(00)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(20)}m_{111}^{(21)}\\
&+m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(20)}m_{102}^{(11)} - m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(10)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(20)}\\
&-m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{102}^{(10)} + m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{012}^{(00)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(22)}m_{111}^{(10)}\\
&-2m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(00)}m_{102}^{(21)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{201}^{(22)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{102}^{(20)}\\
&-2m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{201}^{(21)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(10)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{201}^{(20)}\\
&-2m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{102}^{(00)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(22)}m_{201}^{(10)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(00)}m_{102}^{(11)}
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&+2m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{210}^{(22)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{201}^{(21)} + 4m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{102}^{(10)}\\
&-2m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(11)}m_{201}^{(20)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(11)}m_{102}^{(00)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{210}^{(21)}\\
&-2m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{201}^{(11)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{210}^{(20)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{201}^{(10)}\\
&+2m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(22)}m_{210}^{(10)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{201}^{(21)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{300}^{(22)}\\
&-2m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(20)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{300}^{(21)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(10)}\\
&+2m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{300}^{(20)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(00)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(22)}m_{300}^{(10)}\\
&-m_{010}^{(20)}m_{010}^{(21)}m_{002}^{(00)}m_{210}^{(21)} + m_{010}^{(20)}m_{010}^{(21)}m_{002}^{(00)}m_{201}^{(11)} - m_{010}^{(20)}m_{010}^{(21)}m_{002}^{(10)}m_{300}^{(21)}\\
&+m_{010}^{(20)}m_{010}^{(21)}m_{002}^{(10)}m_{210}^{(20)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{002}^{(10)}m_{201}^{(10)} + m_{010}^{(20)}m_{010}^{(21)}m_{002}^{(11)}m_{300}^{(20)}\\
&+m_{010}^{(20)}m_{010}^{(21)}m_{002}^{(11)}m_{201}^{(00)} + m_{010}^{(20)}m_{010}^{(21)}m_{002}^{(20)}m_{300}^{(11)} + m_{010}^{(20)}m_{010}^{(21)}m_{002}^{(20)}m_{210}^{(10)}\\
&-m_{010}^{(20)}m_{010}^{(21)}m_{002}^{(21)}m_{300}^{(10)} - m_{010}^{(20)}m_{010}^{(21)}m_{002}^{(21)}m_{210}^{(00)} - m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(00)}m_{012}^{(11)}\\
&+2m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(10)}m_{111}^{(21)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(10)}m_{012}^{(10)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(11)}m_{111}^{(20)}\\
&-m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(11)}m_{012}^{(00)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(20)}m_{111}^{(11)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(10)}\\
&+2m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(00)}m_{102}^{(11)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{201}^{(21)} - 4m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{102}^{(10)}\\
&+2m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(11)}m_{201}^{(20)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(11)}m_{102}^{(00)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{201}^{(11)}\\
&-2m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(10)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(10)}m_{201}^{(21)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(11)}m_{201}^{(20)}\\
&+2m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(20)}m_{210}^{(11)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(10)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(00)}m_{201}^{(11)}\\
&+2m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{300}^{(21)} + 4m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{201}^{(10)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(11)}m_{300}^{(20)}\\
&-2m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(11)}m_{201}^{(00)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(20)}m_{300}^{(11)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(21)}m_{300}^{(10)}\\
&+m_{010}^{(20)}m_{010}^{(22)}m_{002}^{(00)}m_{210}^{(11)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{002}^{(10)}m_{210}^{(10)} + m_{010}^{(20)}m_{010}^{(22)}m_{002}^{(11)}m_{210}^{(00)}\\
&+m_{010}^{(20)}m_{001}^{(00)}m_{200}^{(11)}m_{021}^{(22)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{200}^{(21)}m_{021}^{(21)} + m_{010}^{(20)}m_{001}^{(00)}m_{200}^{(22)}m_{021}^{(11)}\\
&+2m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(10)}m_{012}^{(21)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(11)}m_{111}^{(22)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(11)}m_{012}^{(20)}\\
&-2m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(20)}m_{012}^{(11)} + 4m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{111}^{(21)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(10)}\\
&-2m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(22)}m_{111}^{(11)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(10)}m_{021}^{(21)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(11)}m_{021}^{(20)}\\
&+2m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(20)}m_{021}^{(11)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(10)} - m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(10)}m_{102}^{(21)}\\
&+m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(11)}m_{201}^{(22)} + m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(11)}m_{102}^{(20)} + m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(20)}m_{102}^{(11)}\\
&-2m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{201}^{(21)} - m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(10)} + m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(22)}m_{201}^{(11)}\\
&+m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(10)}m_{120}^{(21)} - m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(11)}m_{120}^{(20)} - m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(20)}m_{120}^{(11)}\\
&+m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(21)}m_{120}^{(10)} - m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(10)}m_{021}^{(22)} - m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(11)}m_{012}^{(20)} + m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(20)}m_{021}^{(21)} + m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(20)}m_{012}^{(11)}\\
&+m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(20)} - m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(10)} - m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(22)}m_{021}^{(10)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(00)}m_{012}^{(21)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{111}^{(22)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(20)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(21)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(10)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(20)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(00)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(10)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(00)}m_{021}^{(21)}\\
&+2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(21)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(10)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(20)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(11)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(10)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(10)}\\
&+2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(00)} + m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(00)}m_{102}^{(21)} - m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{201}^{(22)}\\
&-m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(20)} + m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{201}^{(21)} - m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{201}^{(20)} + m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{102}^{(00)} - m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(22)}m_{201}^{(10)}
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&-m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(00)}m_{120}^{(21)} - m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{210}^{(21)} + m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{120}^{(20)}\\
&+m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(11)}m_{210}^{(20)} + m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(20)}m_{210}^{(11)} + m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(21)}m_{210}^{(10)} - m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(21)}m_{120}^{(00)} + m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(00)}m_{012}^{(21)}\\
&-m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(20)} - m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(10)} + m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(21)}m_{012}^{(00)}\\
&-2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(00)}m_{111}^{(21)} + 2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(20)} + 2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(10)}\\
&-2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(00)} + m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(00)}m_{210}^{(21)} - m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(10)}m_{210}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(10)} + m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(21)}m_{210}^{(00)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(21)}\\
&-m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(11)}m_{120}^{(22)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(20)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(20)}m_{021}^{(11)}\\
&+2m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(21)}m_{120}^{(21)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(10)} - m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(22)}m_{120}^{(11)}\\
&+2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(00)}m_{012}^{(11)} - 4m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(21)} - 4m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(10)}\\
&+2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{210}^{(22)} + 4m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(20)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{012}^{(00)}\\
&+4m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(11)} - 4m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(21)} - 4m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(10)}\\
&+2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(22)}m_{210}^{(11)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(00)}m_{021}^{(11)} + 4m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(10)}\\
&-2m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{021}^{(00)} - m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(00)}m_{102}^{(11)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(21)}\\
&+2m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(10)} - m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(11)}m_{300}^{(22)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(11)}m_{102}^{(00)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{201}^{(11)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{300}^{(21)}\\
&+2m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(10)} - m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(22)}m_{300}^{(11)} + m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(00)}m_{120}^{(11)}\\
&-2m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(10)}m_{120}^{(10)} + m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(11)}m_{120}^{(00)} - m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(21)}\\
&-m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(00)}m_{012}^{(11)} + m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{120}^{(22)} + m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(20)}\\
&+2m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(10)} - m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{012}^{(00)} - m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{120}^{(21)}\\
&+m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(10)} - m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(20)} - m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(00)}\\
&+m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(22)}m_{120}^{(10)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(21)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{210}^{(22)}\\
&-2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(20)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(21)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(10)}\\
&+2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(20)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(00)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(10)}\\
&+2m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(11)} - 4m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(10)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{111}^{(00)}\\
&-m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(21)} + m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{300}^{(22)} + m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{300}^{(21)} + m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(10)} - m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{300}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(21)}m_{021}^{(21)}m_{200}^{(00)} + m_{010}^{(20)}m_{001}^{(21)}m_{022}^{(10)}m_{300}^{(20)} - m_{010}^{(20)}m_{001}^{(21)}m_{002}^{(00)}m_{210}^{(11)}\\
&+2m_{010}^{(20)}m_{001}^{(21)}m_{002}^{(10)}m_{210}^{(10)} - m_{010}^{(20)}m_{001}^{(21)}m_{002}^{(11)}m_{210}^{(00)} + m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(00)}m_{021}^{(11)}\\
&-m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(21)} - 2m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(10)} + m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(20)}\\
&+m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{021}^{(00)} + m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(20)}m_{120}^{(11)} - m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(10)}\\
&-2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{111}^{(11)} + 2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(21)} + 4m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(10)}\\
&-2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(20)} - 2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{111}^{(00)} - 2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(20)}m_{210}^{(11)}\\
&+2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(10)} + m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{201}^{(11)} - m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(21)}\\
&-2m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(10)} + m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(20)} + m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(11)}m_{201}^{(00)}\\
&+m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(20)}m_{300}^{(11)} - m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(10)} + (m_{010}^{(21)})^2m_{200}^{(00)}m_{111}^{(22)}\\
&+(m_{010}^{(21)})^2m_{200}^{(00)}m_{102}^{(21)} - (m_{010}^{(21)})^2m_{200}^{(10)}m_{102}^{(20)} - 2(m_{010}^{(21)})^2m_{200}^{(20)}m_{111}^{(20)}\\
&-(m_{010}^{(21)})^2m_{200}^{(20)}m_{102}^{(10)} + (m_{010}^{(21)})^2m_{200}^{(21)}m_{102}^{(00)} + (m_{010}^{(21)})^2m_{200}^{(22)}m_{111}^{(00)}
\end{aligned}
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\begin{aligned}
&-(m_{010}^{(21)})^2 m_{110}^{(00)} m_{201}^{(22)} + 2(m_{010}^{(21)})^2 m_{110}^{(20)} m_{201}^{(20)} - (m_{010}^{(21)})^2 m_{110}^{(22)} m_{201}^{(00)} \\
&-(m_{010}^{(21)})^2 m_{101}^{(00)} m_{210}^{(22)} - 2(m_{010}^{(21)})^2 m_{101}^{(00)} m_{201}^{(21)} + 2(m_{010}^{(21)})^2 m_{101}^{(10)} m_{201}^{(20)} \\
&+2(m_{010}^{(21)})^2 m_{101}^{(20)} m_{210}^{(20)} + 2(m_{010}^{(21)})^2 m_{101}^{(20)} m_{201}^{(10)} - 2(m_{010}^{(21)})^2 m_{101}^{(21)} m_{201}^{(00)} \\
&-(m_{010}^{(21)})^2 m_{101}^{(22)} m_{210}^{(00)} + (m_{010}^{(21)})^2 m_{011}^{(00)} m_{300}^{(22)} - 2(m_{010}^{(21)})^2 m_{011}^{(20)} m_{300}^{(20)} \\
&+(m_{010}^{(21)})^2 m_{011}^{(22)} m_{300}^{(00)} + (m_{010}^{(21)})^2 m_{002}^{(00)} m_{300}^{(21)} - (m_{010}^{(21)})^2 m_{002}^{(10)} m_{300}^{(20)} \\
&-(m_{010}^{(21)})^2 m_{002}^{(20)} m_{300}^{(10)} + (m_{010}^{(21)})^2 m_{002}^{(21)} m_{300}^{(00)} - 2m_{010}^{(21)} m_{010}^{(22)} m_{200}^{(00)} m_{111}^{(21)} \\
&-m_{010}^{(21)} m_{010}^{(22)} m_{200}^{(00)} m_{102}^{(11)} + 2m_{010}^{(21)} m_{010}^{(22)} m_{200}^{(10)} m_{111}^{(20)} + 2m_{010}^{(21)} m_{010}^{(22)} m_{200}^{(10)} m_{102}^{(10)} \\
&-m_{010}^{(21)} m_{010}^{(22)} m_{200}^{(11)} m_{102}^{(00)} + 2m_{010}^{(21)} m_{010}^{(22)} m_{200}^{(20)} m_{111}^{(10)} - 2m_{010}^{(21)} m_{010}^{(22)} m_{200}^{(21)} m_{111}^{(00)} \\
&+2m_{010}^{(21)} m_{010}^{(22)} m_{110}^{(00)} m_{201}^{(21)} - 2m_{010}^{(21)} m_{010}^{(22)} m_{110}^{(10)} m_{201}^{(20)} - 2m_{010}^{(21)} m_{010}^{(22)} m_{110}^{(20)} m_{201}^{(10)} \\
&+2m_{010}^{(21)} m_{010}^{(22)} m_{110}^{(21)} m_{201}^{(00)} + 2m_{010}^{(21)} m_{010}^{(22)} m_{101}^{(00)} m_{210}^{(21)} + 2m_{010}^{(21)} m_{010}^{(22)} m_{101}^{(00)} m_{201}^{(11)} \\
&-2m_{010}^{(21)} m_{010}^{(22)} m_{101}^{(10)} m_{210}^{(20)} - 4m_{010}^{(21)} m_{010}^{(22)} m_{101}^{(10)} m_{201}^{(10)} + 2m_{010}^{(21)} m_{010}^{(22)} m_{101}^{(11)} m_{201}^{(00)} \\
&-2m_{010}^{(21)} m_{010}^{(22)} m_{101}^{(20)} m_{210}^{(10)} + 2m_{010}^{(21)} m_{010}^{(22)} m_{101}^{(21)} m_{210}^{(00)} - 2m_{010}^{(21)} m_{010}^{(22)} m_{011}^{(00)} m_{300}^{(21)} \\
&+2m_{010}^{(21)} m_{010}^{(22)} m_{011}^{(10)} m_{300}^{(20)} + 2m_{010}^{(21)} m_{010}^{(22)} m_{011}^{(20)} m_{300}^{(10)} - 2m_{010}^{(21)} m_{010}^{(22)} m_{011}^{(21)} m_{300}^{(00)} \\
&-m_{010}^{(21)} m_{010}^{(22)} m_{002}^{(00)} m_{300}^{(11)} + 2m_{010}^{(21)} m_{010}^{(22)} m_{002}^{(10)} m_{300}^{(10)} - m_{010}^{(21)} m_{010}^{(22)} m_{002}^{(11)} m_{300}^{(00)} \\
&-m_{010}^{(21)} m_{001}^{(00)} m_{200}^{(10)} m_{021}^{(22)} - m_{010}^{(21)} m_{001}^{(00)} m_{200}^{(10)} m_{012}^{(21)} + m_{010}^{(21)} m_{001}^{(00)} m_{200}^{(11)} m_{012}^{(20)} \\
&+m_{010}^{(21)} m_{001}^{(00)} m_{200}^{(20)} m_{021}^{(21)} + m_{010}^{(21)} m_{001}^{(00)} m_{200}^{(20)} m_{012}^{(11)} + m_{010}^{(21)} m_{001}^{(00)} m_{200}^{(21)} m_{021}^{(20)} \\
&-m_{010}^{(21)} m_{001}^{(00)} m_{200}^{(21)} m_{012}^{(10)} - m_{010}^{(21)} m_{001}^{(00)} m_{200}^{(22)} m_{021}^{(10)} + 2m_{010}^{(21)} m_{001}^{(00)} m_{110}^{(10)} m_{111}^{(22)} \\
&-2m_{010}^{(21)} m_{001}^{(00)} m_{110}^{(20)} m_{111}^{(21)} - 2m_{010}^{(21)} m_{001}^{(00)} m_{110}^{(21)} m_{111}^{(20)} + 2m_{010}^{(21)} m_{001}^{(00)} m_{110}^{(22)} m_{111}^{(10)} \\
&+2m_{010}^{(21)} m_{001}^{(00)} m_{101}^{(10)} m_{111}^{(21)} - 2m_{010}^{(21)} m_{001}^{(00)} m_{101}^{(11)} m_{111}^{(20)} - 2m_{010}^{(21)} m_{001}^{(00)} m_{101}^{(20)} m_{111}^{(11)} \\
&+2m_{010}^{(21)} m_{001}^{(00)} m_{101}^{(21)} m_{111}^{(10)} - m_{010}^{(21)} m_{001}^{(00)} m_{020}^{(10)} m_{201}^{(22)} + m_{010}^{(21)} m_{001}^{(00)} m_{020}^{(20)} m_{201}^{(21)} \\
&+m_{010}^{(21)} m_{001}^{(00)} m_{020}^{(21)} m_{201}^{(20)} - m_{010}^{(21)} m_{001}^{(00)} m_{020}^{(22)} m_{201}^{(10)} - m_{010}^{(21)} m_{001}^{(00)} m_{002}^{(10)} m_{210}^{(21)} \\
&+m_{010}^{(21)} m_{001}^{(00)} m_{002}^{(11)} m_{210}^{(20)} + m_{010}^{(21)} m_{001}^{(00)} m_{002}^{(20)} m_{210}^{(11)} - m_{010}^{(21)} m_{001}^{(00)} m_{002}^{(21)} m_{210}^{(10)} \\
&+m_{010}^{(21)} m_{001}^{(10)} m_{200}^{(00)} m_{021}^{(22)} + m_{010}^{(21)} m_{001}^{(10)} m_{200}^{(00)} m_{012}^{(21)} + m_{010}^{(21)} m_{001}^{(10)} m_{200}^{(10)} m_{102}^{(21)} \\
&-m_{010}^{(21)} m_{001}^{(10)} m_{200}^{(10)} m_{012}^{(20)} - m_{010}^{(21)} m_{001}^{(10)} m_{200}^{(11)} m_{102}^{(20)} - m_{010}^{(21)} m_{001}^{(10)} m_{200}^{(20)} m_{102}^{(11)} \\
&-2m_{010}^{(21)} m_{001}^{(10)} m_{200}^{(20)} m_{021}^{(20)} - m_{010}^{(21)} m_{001}^{(10)} m_{200}^{(20)} m_{012}^{(10)} + m_{010}^{(21)} m_{001}^{(10)} m_{200}^{(21)} m_{102}^{(10)} \\
&+m_{010}^{(21)} m_{001}^{(10)} m_{200}^{(21)} m_{012}^{(00)} + m_{010}^{(21)} m_{001}^{(10)} m_{200}^{(22)} m_{021}^{(00)} - 2m_{010}^{(21)} m_{001}^{(10)} m_{110}^{(00)} m_{111}^{(22)} \\
&+4m_{010}^{(21)} m_{001}^{(10)} m_{110}^{(20)} m_{111}^{(20)} - 2m_{010}^{(21)} m_{001}^{(10)} m_{110}^{(22)} m_{111}^{(00)} - 2m_{010}^{(21)} m_{001}^{(10)} m_{101}^{(00)} m_{111}^{(21)} \\
&-2m_{010}^{(21)} m_{001}^{(10)} m_{101}^{(10)} m_{201}^{(21)} + 2m_{010}^{(21)} m_{001}^{(10)} m_{101}^{(10)} m_{111}^{(20)} + 2m_{010}^{(21)} m_{001}^{(10)} m_{101}^{(11)} m_{201}^{(20)} \\
&+2m_{010}^{(21)} m_{001}^{(10)} m_{101}^{(20)} m_{201}^{(11)} + 2m_{010}^{(21)} m_{001}^{(10)} m_{101}^{(20)} m_{111}^{(10)} - 2m_{010}^{(21)} m_{001}^{(10)} m_{101}^{(21)} m_{201}^{(10)} \\
&-2m_{010}^{(21)} m_{001}^{(10)} m_{101}^{(21)} m_{111}^{(00)} + m_{010}^{(21)} m_{001}^{(10)} m_{020}^{(00)} m_{201}^{(22)} - 2m_{010}^{(21)} m_{001}^{(10)} m_{020}^{(20)} m_{201}^{(20)} \\
&+m_{010}^{(21)} m_{001}^{(10)} m_{020}^{(22)} m_{201}^{(00)} + m_{010}^{(21)} m_{001}^{(10)} m_{002}^{(00)} m_{210}^{(21)} + m_{010}^{(21)} m_{001}^{(10)} m_{002}^{(10)} m_{300}^{(21)} \\
&-m_{010}^{(21)} m_{001}^{(10)} m_{002}^{(10)} m_{210}^{(20)} - m_{010}^{(21)} m_{001}^{(10)} m_{002}^{(11)} m_{300}^{(20)} - m_{010}^{(21)} m_{001}^{(10)} m_{002}^{(20)} m_{300}^{(11)} \\
&-m_{010}^{(21)} m_{001}^{(10)} m_{002}^{(20)} m_{210}^{(10)} + m_{010}^{(21)} m_{001}^{(10)} m_{002}^{(21)} m_{300}^{(10)} + m_{010}^{(21)} m_{001}^{(10)} m_{002}^{(21)} m_{210}^{(00)} \\
&-m_{010}^{(21)} m_{001}^{(11)} m_{200}^{(00)} m_{102}^{(21)} + m_{010}^{(21)} m_{001}^{(11)} m_{200}^{(10)} m_{102}^{(20)} + m_{010}^{(21)} m_{001}^{(11)} m_{200}^{(20)} m_{102}^{(10)} \\
&-m_{010}^{(21)} m_{001}^{(11)} m_{200}^{(21)} m_{102}^{(00)} + 2m_{010}^{(21)} m_{001}^{(11)} m_{101}^{(00)} m_{201}^{(21)} - 2m_{010}^{(21)} m_{001}^{(11)} m_{101}^{(10)} m_{201}^{(20)} \\
&-2m_{010}^{(21)} m_{001}^{(11)} m_{101}^{(20)} m_{201}^{(10)} + 2m_{010}^{(21)} m_{001}^{(11)} m_{101}^{(21)} m_{201}^{(00)} - m_{010}^{(21)} m_{001}^{(11)} m_{001}^{(00)} m_{002}^{(21)} m_{300}^{(00)} \\
&+m_{010}^{(21)} m_{001}^{(11)} m_{002}^{(10)} m_{300}^{(20)} + m_{010}^{(21)} m_{001}^{(11)} m_{002}^{(20)} m_{300}^{(10)} - m_{010}^{(21)} m_{001}^{(11)} m_{002}^{(21)} m_{300}^{(00)} \\
&-m_{010}^{(21)} m_{001}^{(20)} m_{200}^{(00)} m_{021}^{(21)} - m_{010}^{(21)} m_{001}^{(20)} m_{200}^{(00)} m_{012}^{(11)} + m_{010}^{(21)} m_{001}^{(20)} m_{200}^{(10)} m_{120}^{(22)}
\end{aligned}
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\begin{aligned}
&+m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(20)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{012}^{(10)} - m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{012}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{120}^{(21)} + m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{021}^{(10)} - m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{120}^{(20)}\\
&-m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(00)} + m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(22)}m_{120}^{(10)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{111}^{(21)}\\
&-2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{210}^{(22)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(20)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{210}^{(21)}\\
&-2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(10)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(20)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(00)}\\
&-2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(22)}m_{210}^{(10)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(00)}m_{111}^{(11)} - 4m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(10)}\\
&+2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(00)} - m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{201}^{(21)} + m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{300}^{(22)}\\
&+m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(20)} - m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{300}^{(21)} + m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{201}^{(10)}\\
&-m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(21)}m_{300}^{(20)} - m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(00)} + m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(22)}m_{300}^{(10)}\\
&-m_{010}^{(21)}m_{001}^{(20)}m_{002}^{(00)}m_{210}^{(11)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{002}^{(10)}m_{210}^{(10)} - m_{010}^{(21)}m_{001}^{(20)}m_{002}^{(11)}m_{210}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{120}^{(22)} + m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{102}^{(11)} - 2m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{102}^{(10)}\\
&+m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(11)}m_{102}^{(00)} + 2m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{120}^{(20)} - m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(22)}m_{120}^{(00)}\\
&+2m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{210}^{(22)} - 4m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(20)} + 2m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(00)}\\
&-2m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{201}^{(11)} + 4m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{201}^{(10)} - 2m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(21)}m_{020}^{(00)}m_{300}^{(22)} + 2m_{010}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{300}^{(20)} - m_{010}^{(21)}m_{001}^{(21)}m_{020}^{(22)}m_{300}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(21)}m_{002}^{(00)}m_{300}^{(11)} - 2m_{010}^{(21)}m_{001}^{(21)}m_{002}^{(10)}m_{300}^{(10)} + m_{010}^{(21)}m_{001}^{(21)}m_{002}^{(11)}m_{300}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(00)}m_{120}^{(21)} - m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(20)} - m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(20)}m_{120}^{(10)}\\
&+m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(00)} - 2m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{210}^{(21)} + 2m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(20)}\\
&+2m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(20)}m_{210}^{(10)} - 2m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(00)} + m_{010}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{300}^{(21)}\\
&-m_{010}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(20)} - m_{010}^{(21)}m_{001}^{(22)}m_{020}^{(20)}m_{300}^{(10)} + m_{010}^{(21)}m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(00)}\\
&+(m_{010}^{(22)})^2m_{200}^{(00)}m_{111}^{(11)} - 2(m_{010}^{(22)})^2m_{200}^{(10)}m_{111}^{(10)} + (m_{010}^{(22)})^2m_{200}^{(11)}m_{111}^{(00)}\\
&-(m_{010}^{(22)})^2m_{110}^{(00)}m_{201}^{(11)} + 2(m_{010}^{(22)})^2m_{110}^{(10)}m_{201}^{(10)} - (m_{010}^{(22)})^2m_{110}^{(11)}m_{201}^{(00)}\\
&-(m_{010}^{(22)})^2m_{101}^{(00)}m_{210}^{(11)} + 2(m_{010}^{(22)})^2m_{101}^{(10)}m_{210}^{(10)} - (m_{010}^{(22)})^2m_{101}^{(11)}m_{210}^{(00)}\\
&+(m_{010}^{(22)})^2m_{011}^{(00)}m_{300}^{(11)} - 2(m_{010}^{(22)})^2m_{011}^{(10)}m_{300}^{(10)} + (m_{010}^{(22)})^2m_{011}^{(11)}m_{300}^{(00)}\\
&+m_{010}^{(22)}m_{001}^{(00)}m_{200}^{(10)}m_{021}^{(21)} - m_{010}^{(22)}m_{001}^{(00)}m_{200}^{(11)}m_{021}^{(20)} - m_{010}^{(22)}m_{001}^{(00)}m_{200}^{(20)}m_{021}^{(11)}\\
&+m_{010}^{(22)}m_{001}^{(00)}m_{200}^{(21)}m_{021}^{(10)} - 2m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(10)}m_{111}^{(21)} + 2m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(11)}m_{111}^{(20)}\\
&+2m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(20)}m_{111}^{(11)} - 2m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(21)}m_{111}^{(10)} + m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(10)}m_{201}^{(21)}\\
&-m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(11)}m_{201}^{(20)} - m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(20)}m_{201}^{(11)} + m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(21)}m_{201}^{(10)}\\
&-m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(00)}m_{021}^{(21)} + m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(10)}m_{021}^{(20)} + m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(20)}m_{021}^{(10)}\\
&-m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(00)} + 2m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(00)}m_{111}^{(21)} - 2m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{111}^{(20)}\\
&-2m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(10)} + 2m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(00)} - m_{010}^{(22)}m_{001}^{(10)}m_{020}^{(00)}m_{201}^{(21)}\\
&+m_{010}^{(22)}m_{001}^{(10)}m_{020}^{(10)}m_{201}^{(20)} + m_{010}^{(22)}m_{001}^{(10)}m_{020}^{(20)}m_{201}^{(10)} - m_{010}^{(22)}m_{001}^{(10)}m_{020}^{(21)}m_{201}^{(00)}\\
&+m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(00)}m_{021}^{(11)} - m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(10)}m_{120}^{(21)} - 2m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(10)}\\
&+m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{120}^{(20)} + m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(00)} + m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(20)}m_{120}^{(11)}\\
&-m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(21)}m_{120}^{(10)} - 2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(00)}m_{111}^{(11)} + 2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{210}^{(21)}\\
&+4m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(10)} - 2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{210}^{(20)} - 2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(00)}\\
&-2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(20)}m_{210}^{(11)} + 2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(10)} + m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{201}^{(11)}\\
&-m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{300}^{(21)} - 2m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(10)} + m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(11)}m_{300}^{(20)}
\end{aligned}
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\begin{aligned}
&+m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(00)}+m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(20)}m_{300}^{(11)}-m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(21)}m_{300}^{(10)}\\
&+m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(00)}m_{120}^{(21)}-m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{120}^{(20)}-m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(20)}m_{120}^{(10)}\\
&+m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(00)}-2m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{210}^{(21)}+2m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{210}^{(20)}\\
&+2m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(10)}-2m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(00)}+m_{010}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{300}^{(21)}\\
&-m_{010}^{(22)}m_{001}^{(21)}m_{020}^{(10)}m_{300}^{(20)}-m_{010}^{(22)}m_{001}^{(21)}m_{020}^{(20)}m_{300}^{(10)}+m_{010}^{(22)}m_{001}^{(21)}m_{020}^{(21)}m_{300}^{(00)}\\
&-m_{010}^{(22)}m_{001}^{(22)}m_{200}^{(00)}m_{120}^{(11)}+2m_{010}^{(22)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(10)}-m_{010}^{(22)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(00)}\\
&+2m_{010}^{(22)}m_{001}^{(22)}m_{110}^{(00)}m_{210}^{(11)}-4m_{010}^{(22)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(10)}+2m_{010}^{(22)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(00)}\\
&-m_{010}^{(22)}m_{001}^{(22)}m_{020}^{(00)}m_{300}^{(11)}+2m_{010}^{(22)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(10)}-m_{010}^{(22)}m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(00)}\\
&-(m_{001}^{(00)})^2m_{110}^{(11)}m_{021}^{(22)}+2(m_{001}^{(00)})^2m_{110}^{(21)}m_{021}^{(21)}-(m_{001}^{(00)})^2m_{110}^{(22)}m_{021}^{(11)}\\
&+(m_{001}^{(00)})^2m_{101}^{(11)}m_{030}^{(22)}-2(m_{001}^{(00)})^2m_{101}^{(21)}m_{030}^{(21)}+(m_{001}^{(00)})^2m_{101}^{(22)}m_{030}^{(11)}\\
&+(m_{001}^{(00)})^2m_{020}^{(11)}m_{111}^{(22)}-2(m_{001}^{(00)})^2m_{020}^{(21)}m_{111}^{(21)}+(m_{001}^{(00)})^2m_{020}^{(22)}m_{111}^{(11)}\\
&-(m_{001}^{(00)})^2m_{011}^{(11)}m_{120}^{(22)}+2(m_{001}^{(00)})^2m_{011}^{(21)}m_{120}^{(21)}-(m_{001}^{(00)})^2m_{011}^{(22)}m_{120}^{(11)}\\
&+m_{001}^{(00)}m_{001}^{(10)}m_{200}^{(11)}m_{021}^{(22)}-2m_{001}^{(00)}m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(21)}+m_{001}^{(00)}m_{001}^{(10)}m_{200}^{(22)}m_{021}^{(11)}\\
&+2m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(10)}m_{021}^{(22)}-2m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(21)}-2m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{021}^{(20)}\\
&+2m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{021}^{(10)}-2m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(10)}m_{030}^{(22)}-2m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(11)}m_{120}^{(22)}\\
&+2m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(20)}m_{030}^{(21)}+4m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(21)}+2m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{030}^{(20)}\\
&-2m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(22)}m_{120}^{(11)}-2m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(22)}m_{030}^{(10)}-2m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(10)}m_{111}^{(22)}\\
&-m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(11)}m_{201}^{(22)}+2m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{111}^{(21)}+2m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{201}^{(21)}\\
&+2m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{111}^{(20)}-m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{201}^{(11)}-2m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{111}^{(10)}\\
&+2m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{120}^{(22)}+2m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{210}^{(22)}-2m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(21)}\\
&-4m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{210}^{(21)}-2m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{120}^{(20)}+2m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{210}^{(11)}\\
&+2m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{120}^{(10)}-m_{001}^{(00)}m_{001}^{(11)}m_{200}^{(10)}m_{021}^{(22)}+m_{001}^{(00)}m_{001}^{(11)}m_{200}^{(20)}m_{021}^{(21)}\\
&+m_{001}^{(00)}m_{001}^{(11)}m_{200}^{(21)}m_{021}^{(20)}-m_{001}^{(00)}m_{001}^{(11)}m_{200}^{(22)}m_{021}^{(10)}+2m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(10)}m_{120}^{(22)}\\
&-2m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(20)}m_{120}^{(21)}-2m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{120}^{(20)}+2m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(22)}m_{120}^{(10)}\\
&+m_{001}^{(00)}m_{001}^{(11)}m_{020}^{(10)}m_{201}^{(22)}-m_{001}^{(00)}m_{001}^{(11)}m_{020}^{(20)}m_{201}^{(21)}-m_{001}^{(00)}m_{001}^{(11)}m_{020}^{(21)}m_{201}^{(20)}\\
&+m_{001}^{(00)}m_{001}^{(11)}m_{020}^{(22)}m_{201}^{(10)}-2m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(10)}m_{210}^{(22)}+2m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{210}^{(21)}\\
&+2m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{210}^{(20)}-2m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(22)}m_{210}^{(10)}-m_{001}^{(00)}m_{001}^{(20)}m_{200}^{(11)}m_{030}^{(22)}\\
&+2m_{001}^{(00)}m_{001}^{(20)}m_{200}^{(21)}m_{030}^{(21)}-m_{001}^{(00)}m_{001}^{(20)}m_{200}^{(22)}m_{030}^{(11)}-2m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(21)}\\
&+2m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(11)}m_{120}^{(22)}+2m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(11)}m_{021}^{(20)}+2m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(11)}\\
&-4m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(21)}-2m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(10)}+2m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(22)}m_{120}^{(11)}\\
&+2m_{001}^{(00)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(21)}-2m_{001}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{030}^{(20)}-2m_{001}^{(00)}m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(11)}\\
&+2m_{001}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{030}^{(10)}+2m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(21)}-m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{210}^{(22)}\\
&-2m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{111}^{(20)}-2m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(11)}+2m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{210}^{(21)}\\
&+2m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(10)}-m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(22)}m_{210}^{(11)}-2m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(21)}\\
&+2m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{120}^{(20)}+2m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(11)}-2m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(10)}\\
&+m_{001}^{(00)}m_{001}^{(21)}m_{200}^{(10)}m_{030}^{(22)}+m_{001}^{(00)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(21)}-m_{001}^{(00)}m_{001}^{(21)}m_{200}^{(11)}m_{021}^{(20)}\\
&-m_{001}^{(00)}m_{001}^{(21)}m_{200}^{(20)}m_{030}^{(21)}-m_{001}^{(00)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(11)}-m_{001}^{(00)}m_{001}^{(21)}m_{200}^{(21)}m_{030}^{(20)}\\
&+m_{001}^{(00)}m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(10)}+m_{001}^{(00)}m_{001}^{(21)}m_{200}^{(22)}m_{030}^{(10)}-2m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{120}^{(22)}
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\begin{aligned}
&+2m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(21)}+2m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{120}^{(20)}-2m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(22)}m_{120}^{(10)}\\
&-2m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(21)}+2m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{120}^{(20)}+2m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(11)}\\
&-2m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(10)}+m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{210}^{(22)}-m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(21)}\\
&+m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(11)}m_{201}^{(20)}-m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(21)}+m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(11)}\\
&-m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{210}^{(20)}-m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{201}^{(10)}+m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{210}^{(10)}\\
&+2m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(21)}-2m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{210}^{(20)}-2m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(11)}\\
&+2m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(10)}-m_{001}^{(00)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(21)}+m_{001}^{(00)}m_{001}^{(22)}m_{200}^{(11)}m_{030}^{(20)}\\
&+m_{001}^{(00)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(11)}-m_{001}^{(00)}m_{001}^{(22)}m_{200}^{(21)}m_{030}^{(10)}+2m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(21)}\\
&-2m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(11)}m_{120}^{(20)}-2m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(11)}+2m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(21)}m_{120}^{(10)}\\
&-m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(21)}+m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(11)}m_{210}^{(20)}+m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(11)}\\
&-m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(21)}m_{210}^{(10)}-(m_{001}^{(10)})^2m_{200}^{(10)}m_{021}^{(22)}-(m_{001}^{(10)})^2m_{200}^{(11)}m_{111}^{(22)}\\
&+(m_{001}^{(10)})^2m_{200}^{(20)}m_{021}^{(21)}+2(m_{001}^{(10)})^2m_{200}^{(21)}m_{111}^{(21)}+(m_{001}^{(10)})^2m_{200}^{(21)}m_{021}^{(20)}\\
&-(m_{001}^{(10)})^2m_{200}^{(22)}m_{111}^{(11)}-(m_{001}^{(10)})^2m_{200}^{(22)}m_{021}^{(10)}-(m_{001}^{(10)})^2m_{110}^{(00)}m_{021}^{(22)}\\
&+(m_{001}^{(10)})^2m_{110}^{(11)}m_{201}^{(22)}+2(m_{001}^{(10)})^2m_{110}^{(20)}m_{021}^{(20)}-2(m_{001}^{(10)})^2m_{110}^{(21)}m_{201}^{(21)}\\
&+(m_{001}^{(10)})^2m_{110}^{(22)}m_{201}^{(11)}-(m_{001}^{(10)})^2m_{110}^{(22)}m_{021}^{(00)}+(m_{001}^{(10)})^2m_{101}^{(00)}m_{030}^{(22)}\\
&+2(m_{001}^{(10)})^2m_{101}^{(10)}m_{120}^{(22)}+(m_{001}^{(10)})^2m_{101}^{(11)}m_{210}^{(22)}-2(m_{001}^{(10)})^2m_{101}^{(20)}m_{120}^{(21)}\\
&-2(m_{001}^{(10)})^2m_{101}^{(20)}m_{030}^{(20)}-2(m_{001}^{(10)})^2m_{101}^{(21)}m_{210}^{(21)}-2(m_{001}^{(10)})^2m_{101}^{(21)}m_{120}^{(20)}\\
&+(m_{001}^{(10)})^2m_{101}^{(22)}m_{210}^{(11)}+2(m_{001}^{(10)})^2m_{101}^{(22)}m_{120}^{(10)}+(m_{001}^{(10)})^2m_{101}^{(22)}m_{030}^{(00)}\\
&+(m_{001}^{(10)})^2m_{020}^{(00)}m_{111}^{(22)}+(m_{001}^{(10)})^2m_{020}^{(10)}m_{201}^{(22)}-(m_{001}^{(10)})^2m_{020}^{(20)}m_{201}^{(21)}\\
&-2(m_{001}^{(10)})^2m_{020}^{(20)}m_{111}^{(20)}-(m_{001}^{(10)})^2m_{020}^{(21)}m_{201}^{(20)}+(m_{001}^{(10)})^2m_{020}^{(22)}m_{201}^{(10)}\\
&+(m_{001}^{(10)})^2m_{020}^{(22)}m_{111}^{(00)}-(m_{001}^{(10)})^2m_{011}^{(00)}m_{120}^{(22)}-2(m_{001}^{(10)})^2m_{011}^{(10)}m_{210}^{(22)}\\
&-(m_{001}^{(10)})^2m_{011}^{(11)}m_{300}^{(22)}+2(m_{001}^{(10)})^2m_{011}^{(20)}m_{210}^{(21)}+2(m_{001}^{(10)})^2m_{011}^{(20)}m_{120}^{(20)}\\
&+2(m_{001}^{(10)})^2m_{011}^{(21)}m_{300}^{(21)}+2(m_{001}^{(10)})^2m_{011}^{(21)}m_{210}^{(20)}-(m_{001}^{(10)})^2m_{011}^{(22)}m_{300}^{(11)}\\
&-2(m_{001}^{(10)})^2m_{011}^{(22)}m_{210}^{(10)}-(m_{001}^{(10)})^2m_{011}^{(22)}m_{120}^{(00)}+m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(00)}m_{021}^{(22)}\\
&+2m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(10)}m_{111}^{(22)}-2m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{111}^{(21)}-2m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{021}^{(20)}\\
&-2m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{111}^{(20)}+2m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{111}^{(10)}+m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{021}^{(00)}\\
&-2m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(10)}m_{201}^{(22)}+2m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{201}^{(21)}+2m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(21)}m_{201}^{(20)}\\
&-2m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{201}^{(10)}-2m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{120}^{(22)}-2m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{210}^{(22)}\\
&+2m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{210}^{(21)}+4m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{120}^{(20)}+2m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{210}^{(20)}\\
&-2m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{210}^{(10)}-2m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{120}^{(00)}-m_{001}^{(10)}m_{001}^{(11)}m_{020}^{(00)}m_{201}^{(22)}\\
&+2m_{001}^{(10)}m_{001}^{(11)}m_{020}^{(20)}m_{201}^{(20)}-m_{001}^{(10)}m_{001}^{(11)}m_{020}^{(22)}m_{201}^{(00)}+2m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{210}^{(22)}\\
&+2m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(10)}m_{300}^{(22)}-2m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{300}^{(21)}-4m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{210}^{(20)}\\
&-2m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(21)}m_{300}^{(20)}+2m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(22)}m_{300}^{(10)}+2m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(22)}m_{210}^{(00)}\\
&+m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(10)}m_{030}^{(22)}+m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(21)}+m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{120}^{(22)}\\
&-m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(20)}-m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(20)}m_{030}^{(21)}-m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(20)}m_{021}^{(11)}\\
&-2m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{120}^{(21)}-m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{030}^{(20)}+m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(10)}\\
&+m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(22)}m_{120}^{(11)}+m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(22)}m_{030}^{(10)}+2m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(00)}m_{021}^{(21)}\\
&-2m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{120}^{(22)}-2m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(20)}-2m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{210}^{(22)}
\end{aligned}
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\begin{aligned}
&+2m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(21)} - 2m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(10)} + 4m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(21)}\\
&+2m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(20)} + 2m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(00)} - 2m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{210}^{(11)}\\
&-2m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{120}^{(10)} - 2m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(00)}m_{030}^{(21)} - 2m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(21)}\\
&+2m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(20)} + 2m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(20)} + 2m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(11)}\\
&+2m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(10)} - 2m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(10)} - 2m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{030}^{(00)}\\
&-2m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(21)} + m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{210}^{(22)} - m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(21)}\\
&+2m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(20)} + m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(11)}m_{300}^{(22)} + m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(20)}\\
&-m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(21)} + m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{201}^{(11)} + 2m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(10)}\\
&-2m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{300}^{(21)} - m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{210}^{(20)} - m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(10)}\\
&-2m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(00)} + m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(22)}m_{300}^{(11)} + m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(22)}m_{210}^{(10)}\\
&+2m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(21)} + 2m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(21)} - 2m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(20)}\\
&-2m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(20)} - 2m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(11)} - 2m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(10)}\\
&+2m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(10)} + 2m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(00)} - m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(00)}m_{030}^{(22)}\\
&-m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(21)} - m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{120}^{(22)} - 2m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(21)}\\
&+m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(20)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(20)} + m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{120}^{(21)}\\
&+2m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(11)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{030}^{(20)} + m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(10)}\\
&+m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(20)} - 2m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(10)} - m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(00)}\\
&-m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(22)}m_{120}^{(10)} - m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(22)}m_{030}^{(00)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{120}^{(22)}\\
&+2m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{210}^{(22)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(21)} - 2m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(20)}\\
&-2m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(21)} - 2m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(11)} - 4m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(20)}\\
&-2m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(20)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(10)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(10)}\\
&+2m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{120}^{(00)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(21)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(21)}\\
&-2m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(20)} - 2m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(20)} - 2m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(11)}\\
&-2m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(10)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(10)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(00)}\\
&-m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{210}^{(22)} + m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(21)} - m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(10)}m_{300}^{(22)}\\
&-m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(20)} + m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{300}^{(21)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(20)}\\
&-m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(10)} + m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(21)}m_{300}^{(20)} + m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(21)}m_{201}^{(00)}\\
&-m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(22)}m_{300}^{(10)} - m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(22)}m_{210}^{(00)} - 2m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(21)}\\
&-2m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(21)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(20)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(11)}m_{300}^{(20)}\\
&+2m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(11)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(10)} - 2m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(10)}\\
&-2m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(00)} + m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(21)} + m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(21)}\\
&-m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(20)} - m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(20)} - m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(20)}m_{120}^{(11)}\\
&-m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(10)} + m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(10)} + m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{030}^{(00)}\\
&-2m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(21)} - 2m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(21)} + 2m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(20)}\\
&+2m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(20)} + 2m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{210}^{(11)} + 2m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(10)}\\
&-2m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(10)} - 2m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{120}^{(00)} + m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(21)}\\
&+m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(21)} - m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(20)} - m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(20)}\\
&-m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{300}^{(11)} - m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(10)} + m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(10)}
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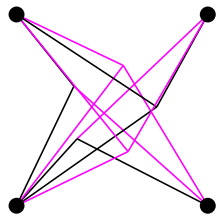
&+m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(21)}m_{210}^{(00)} - (m_{001}^{(11)})^2m_{200}^{(00)}m_{111}^{(22)} + 2(m_{001}^{(11)})^2m_{200}^{(20)}m_{111}^{(20)}\\
&-(m_{001}^{(11)})^2m_{200}^{(22)}m_{111}^{(00)} + (m_{001}^{(11)})^2m_{110}^{(00)}m_{201}^{(22)} - 2(m_{001}^{(11)})^2m_{110}^{(20)}m_{201}^{(20)}\\
&+(m_{001}^{(11)})^2m_{110}^{(22)}m_{201}^{(00)} + (m_{001}^{(11)})^2m_{101}^{(00)}m_{210}^{(22)} - 2(m_{001}^{(11)})^2m_{101}^{(20)}m_{210}^{(20)}\\
&+(m_{001}^{(11)})^2m_{101}^{(22)}m_{210}^{(00)} - (m_{001}^{(11)})^2m_{011}^{(00)}m_{300}^{(22)} + 2(m_{001}^{(11)})^2m_{011}^{(20)}m_{300}^{(20)}\\
&-(m_{001}^{(11)})^2m_{011}^{(22)}m_{300}^{(00)} - m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(00)}m_{021}^{(21)} - m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{120}^{(22)}\\
&+m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(20)} + m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{120}^{(21)} + m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{021}^{(10)}\\
&+m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{120}^{(20)} - m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(00)} - m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(22)}m_{120}^{(10)}\\
&+2m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{210}^{(22)} - 2m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{210}^{(21)} - 2m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(20)}\\
&+2m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(22)}m_{210}^{(10)} + 2m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{120}^{(21)} - 2m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(20)}\\
&-2m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(10)} + 2m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(00)} + m_{001}^{(11)}m_{001}^{(20)}m_{020}^{(00)}m_{201}^{(21)}\\
&-m_{001}^{(11)}m_{001}^{(20)}m_{020}^{(10)}m_{300}^{(22)} - m_{001}^{(11)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(20)} + m_{001}^{(11)}m_{001}^{(20)}m_{020}^{(20)}m_{300}^{(21)}\\
&-m_{001}^{(11)}m_{001}^{(20)}m_{020}^{(20)}m_{201}^{(10)} + m_{001}^{(11)}m_{001}^{(20)}m_{020}^{(21)}m_{300}^{(20)} + m_{001}^{(11)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(00)}\\
&-m_{001}^{(11)}m_{001}^{(20)}m_{020}^{(22)}m_{300}^{(10)} - 2m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{210}^{(21)} + 2m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(20)}\\
&+2m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(10)} - 2m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(00)} + m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{120}^{(22)}\\
&+2m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{111}^{(21)} - 2m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(20)} - 2m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{120}^{(20)}\\
&-2m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(10)} + 2m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(00)} + m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(22)}m_{120}^{(00)}\\
&-2m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{210}^{(22)} - 2m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{201}^{(21)} + 2m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(20)}\\
&+4m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(20)} + 2m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(10)} - 2m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(00)}\\
&-2m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(00)} - 2m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{210}^{(21)} + 2m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(20)}\\
&+2m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(10)} - 2m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(00)} + m_{001}^{(11)}m_{001}^{(21)}m_{020}^{(00)}m_{300}^{(22)}\\
&-2m_{001}^{(11)}m_{001}^{(21)}m_{020}^{(20)}m_{300}^{(20)} + m_{001}^{(11)}m_{001}^{(21)}m_{020}^{(22)}m_{300}^{(00)} + 2m_{001}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{300}^{(21)}\\
&-2m_{001}^{(11)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(20)} - 2m_{001}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(10)} + 2m_{001}^{(11)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(00)}\\
&-m_{001}^{(11)}m_{001}^{(22)}m_{200}^{(00)}m_{120}^{(21)} + m_{001}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(20)} + m_{001}^{(11)}m_{001}^{(22)}m_{200}^{(20)}m_{120}^{(10)}\\
&-m_{001}^{(11)}m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(00)} + 2m_{001}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{210}^{(21)} - 2m_{001}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(20)}\\
&-2m_{001}^{(11)}m_{001}^{(22)}m_{110}^{(20)}m_{210}^{(10)} + 2m_{001}^{(11)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(00)} - m_{001}^{(11)}m_{001}^{(22)}m_{020}^{(00)}m_{300}^{(21)}\\
&+m_{001}^{(11)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(20)} + m_{001}^{(11)}m_{001}^{(22)}m_{020}^{(20)}m_{300}^{(10)} - m_{001}^{(11)}m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(00)}\\
&-(m_{001}^{(20)})^2m_{200}^{(10)}m_{030}^{(21)} + (m_{001}^{(20)})^2m_{200}^{(11)}m_{030}^{(20)} + (m_{001}^{(20)})^2m_{200}^{(20)}m_{030}^{(11)}\\
&-(m_{001}^{(20)})^2m_{200}^{(21)}m_{030}^{(10)} - (m_{001}^{(20)})^2m_{110}^{(00)}m_{021}^{(11)} + 2(m_{001}^{(20)})^2m_{110}^{(10)}m_{120}^{(21)}\\
&+2(m_{001}^{(20)})^2m_{110}^{(10)}m_{021}^{(10)} - 2(m_{001}^{(20)})^2m_{110}^{(11)}m_{120}^{(20)} - (m_{001}^{(20)})^2m_{110}^{(11)}m_{021}^{(00)}\\
&-2(m_{001}^{(20)})^2m_{110}^{(20)}m_{120}^{(11)} + 2(m_{001}^{(20)})^2m_{110}^{(21)}m_{120}^{(10)} + (m_{001}^{(20)})^2m_{101}^{(00)}m_{030}^{(11)}\\
&-2(m_{001}^{(20)})^2m_{101}^{(10)}m_{030}^{(10)} + (m_{001}^{(20)})^2m_{101}^{(11)}m_{030}^{(00)} + (m_{001}^{(20)})^2m_{020}^{(00)}m_{111}^{(11)}\\
&-(m_{001}^{(20)})^2m_{020}^{(10)}m_{210}^{(21)} - 2(m_{001}^{(20)})^2m_{020}^{(10)}m_{111}^{(10)} + (m_{001}^{(20)})^2m_{020}^{(11)}m_{210}^{(20)}\\
&+(m_{001}^{(20)})^2m_{020}^{(11)}m_{111}^{(00)} + (m_{001}^{(20)})^2m_{020}^{(20)}m_{210}^{(11)} - (m_{001}^{(20)})^2m_{020}^{(21)}m_{210}^{(10)}\\
&-(m_{001}^{(20)})^2m_{011}^{(00)}m_{120}^{(11)} + 2(m_{001}^{(20)})^2m_{011}^{(10)}m_{120}^{(10)} - (m_{001}^{(20)})^2m_{011}^{(11)}m_{120}^{(00)}\\
&+m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(00)}m_{030}^{(21)} + m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(11)} + m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{120}^{(21)}\\
&-m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{030}^{(20)} - 2m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(10)} - m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{120}^{(20)}\\
&+m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{021}^{(00)} - m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{120}^{(11)} - m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{030}^{(10)}\\
&+m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(10)} + m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{030}^{(00)} - 2m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{120}^{(21)}
\end{aligned}
$$

$$
\begin{aligned}
&-2m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{210}^{(21)} + 2m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{120}^{(20)} + 2m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{120}^{(20)}\\
&+2m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(11)} + 2m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(10)} - 2m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(10)}\\
&-2m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{120}^{(00)} - 2m_{001}^{(20)}m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(11)} + 4m_{001}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(10)}\\
&-2m_{001}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{120}^{(00)} + m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{210}^{(21)} - m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(11)}\\
&+m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{300}^{(21)} - m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{210}^{(20)} + 2m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(10)}\\
&-m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(11)}m_{300}^{(20)} - m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(11)}m_{201}^{(00)} - m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{300}^{(11)}\\
&-m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(10)} + m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{300}^{(10)} + m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{210}^{(00)}\\
&+2m_{001}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(11)} - 4m_{001}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(10)} + 2m_{001}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{210}^{(00)}\\
&-m_{001}^{(20)}m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(11)} + 2m_{001}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(10)} - m_{001}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{030}^{(00)}\\
&+2m_{001}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(11)} - 4m_{001}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(10)} + 2m_{001}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{120}^{(00)}\\
&-m_{001}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(11)} + 2m_{001}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(10)} - m_{001}^{(20)}m_{001}^{(22)}m_{020}^{(11)}m_{210}^{(00)}\\
&-(m_{001}^{(21)})^2m_{200}^{(00)}m_{120}^{(21)} - (m_{001}^{(21)})^2m_{200}^{(00)}m_{111}^{(11)} + (m_{001}^{(21)})^2m_{200}^{(10)}m_{120}^{(20)}\\
&+2(m_{001}^{(21)})^2m_{200}^{(10)}m_{111}^{(10)} - (m_{001}^{(21)})^2m_{200}^{(11)}m_{111}^{(00)} + (m_{001}^{(21)})^2m_{200}^{(20)}m_{120}^{(10)}\\
&-(m_{001}^{(21)})^2m_{200}^{(21)}m_{120}^{(00)} + 2(m_{001}^{(21)})^2m_{110}^{(00)}m_{210}^{(21)} + (m_{001}^{(21)})^2m_{110}^{(00)}m_{201}^{(11)}\\
&-2(m_{001}^{(21)})^2m_{110}^{(10)}m_{210}^{(20)} - 2(m_{001}^{(21)})^2m_{110}^{(10)}m_{201}^{(10)} + (m_{001}^{(21)})^2m_{110}^{(11)}m_{201}^{(00)}\\
&-2(m_{001}^{(21)})^2m_{110}^{(20)}m_{210}^{(10)} + 2(m_{001}^{(21)})^2m_{110}^{(21)}m_{210}^{(00)} + (m_{001}^{(21)})^2m_{101}^{(00)}m_{210}^{(11)}\\
&-2(m_{001}^{(21)})^2m_{101}^{(10)}m_{210}^{(10)} + (m_{001}^{(21)})^2m_{101}^{(11)}m_{210}^{(00)} - (m_{001}^{(21)})^2m_{020}^{(00)}m_{300}^{(21)}\\
&+(m_{001}^{(21)})^2m_{020}^{(10)}m_{300}^{(20)} + (m_{001}^{(21)})^2m_{020}^{(20)}m_{300}^{(10)} - (m_{001}^{(21)})^2m_{020}^{(21)}m_{300}^{(00)}\\
&-(m_{001}^{(21)})^2m_{011}^{(00)}m_{300}^{(11)} + 2(m_{001}^{(21)})^2m_{011}^{(10)}m_{300}^{(10)} - (m_{001}^{(21)})^2m_{011}^{(11)}m_{300}^{(00)}\\
&+m_{001}^{(21)}m_{001}^{(22)}m_{200}^{(00)}m_{120}^{(11)} - 2m_{001}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(10)} + m_{001}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(00)}\\
&-2m_{001}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{210}^{(11)} + 4m_{001}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(10)} - 2m_{001}^{(21)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(00)}\\
&+m_{001}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{300}^{(11)} - 2m_{001}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(10)} + m_{001}^{(21)}m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{ccccc}
V1 & 1 & V1 & 1 & 1\\
V2 & 2 & V2 & 2 & V3\\
V3 & 3 & V4 & V4 & 4
\end{array}
$$



$$
T_{94} \;=\; -m_{100}^{(00)}m_{100}^{(10)}m_{020}^{(11)}m_{003}^{(22)} + 2m_{100}^{(00)}m_{100}^{(10)}m_{020}^{(21)}m_{003}^{(21)} - m_{100}^{(00)}m_{100}^{(10)}m_{020}^{(22)}m_{003}^{(11)}
$$

$$
\begin{aligned}
&+2m_{100}^{(00)}m_{100}^{(10)}m_{011}^{(11)}m_{012}^{(22)} - 4m_{100}^{(00)}m_{100}^{(10)}m_{011}^{(21)}m_{012}^{(21)} + 2m_{100}^{(00)}m_{100}^{(10)}m_{011}^{(22)}m_{012}^{(11)}\\
&-m_{100}^{(00)}m_{100}^{(10)}m_{002}^{(11)}m_{021}^{(22)} + 2m_{100}^{(00)}m_{100}^{(10)}m_{002}^{(21)}m_{021}^{(21)} - m_{100}^{(00)}m_{100}^{(10)}m_{002}^{(22)}m_{021}^{(11)}\\
&+m_{100}^{(00)}m_{100}^{(11)}m_{020}^{(10)}m_{003}^{(22)} - m_{100}^{(00)}m_{100}^{(11)}m_{020}^{(20)}m_{003}^{(21)} - m_{100}^{(00)}m_{100}^{(11)}m_{020}^{(21)}m_{003}^{(20)}\\
&+m_{100}^{(00)}m_{100}^{(11)}m_{020}^{(22)}m_{003}^{(10)} - 2m_{100}^{(00)}m_{100}^{(11)}m_{011}^{(10)}m_{012}^{(22)} + 2m_{100}^{(00)}m_{100}^{(11)}m_{011}^{(20)}m_{012}^{(21)}\\
&+2m_{100}^{(00)}m_{100}^{(11)}m_{011}^{(21)}m_{012}^{(20)} - 2m_{100}^{(00)}m_{100}^{(11)}m_{011}^{(22)}m_{012}^{(10)} + m_{100}^{(00)}m_{100}^{(11)}m_{002}^{(10)}m_{021}^{(22)}\\
&-m_{100}^{(00)}m_{100}^{(11)}m_{002}^{(20)}m_{021}^{(21)} - m_{100}^{(00)}m_{100}^{(11)}m_{002}^{(21)}m_{021}^{(20)} + m_{100}^{(00)}m_{100}^{(11)}m_{002}^{(22)}m_{021}^{(10)}\\
&+m_{100}^{(00)}m_{100}^{(20)}m_{020}^{(11)}m_{012}^{(22)} - 2m_{100}^{(00)}m_{100}^{(20)}m_{020}^{(21)}m_{012}^{(21)} + m_{100}^{(00)}m_{100}^{(20)}m_{020}^{(22)}m_{012}^{(11)}\\
&-2m_{100}^{(00)}m_{100}^{(20)}m_{011}^{(11)}m_{021}^{(22)} + 4m_{100}^{(00)}m_{100}^{(20)}m_{011}^{(21)}m_{021}^{(21)} - 2m_{100}^{(00)}m_{100}^{(20)}m_{011}^{(22)}m_{021}^{(11)}\\
&+m_{100}^{(00)}m_{100}^{(20)}m_{002}^{(11)}m_{030}^{(22)} - 2m_{100}^{(00)}m_{100}^{(20)}m_{002}^{(21)}m_{030}^{(21)} + m_{100}^{(00)}m_{100}^{(20)}m_{002}^{(22)}m_{030}^{(11)}\\
&-m_{100}^{(00)}m_{100}^{(21)}m_{020}^{(10)}m_{012}^{(22)} - m_{100}^{(00)}m_{100}^{(21)}m_{020}^{(10)}m_{003}^{(21)} + m_{100}^{(00)}m_{100}^{(21)}m_{020}^{(11)}m_{003}^{(20)}\\
&+m_{100}^{(00)}m_{100}^{(21)}m_{020}^{(20)}m_{012}^{(21)} + m_{100}^{(00)}m_{100}^{(21)}m_{020}^{(20)}m_{003}^{(11)} + m_{100}^{(00)}m_{100}^{(21)}m_{020}^{(21)}m_{012}^{(20)}\\
&-m_{100}^{(00)}m_{100}^{(21)}m_{020}^{(21)}m_{003}^{(10)} - m_{100}^{(00)}m_{100}^{(21)}m_{020}^{(22)}m_{012}^{(10)} + 2m_{100}^{(00)}m_{100}^{(21)}m_{011}^{(10)}m_{021}^{(22)}\\
&+2m_{100}^{(00)}m_{100}^{(21)}m_{011}^{(10)}m_{012}^{(21)} - 2m_{100}^{(00)}m_{100}^{(21)}m_{011}^{(11)}m_{012}^{(20)} - 2m_{100}^{(00)}m_{100}^{(21)}m_{011}^{(20)}m_{021}^{(21)}\\
&-2m_{100}^{(00)}m_{100}^{(21)}m_{011}^{(20)}m_{012}^{(11)} - 2m_{100}^{(00)}m_{100}^{(21)}m_{011}^{(21)}m_{021}^{(20)} + 2m_{100}^{(00)}m_{100}^{(21)}m_{011}^{(21)}m_{012}^{(10)}\\
&+2m_{100}^{(00)}m_{100}^{(21)}m_{011}^{(22)}m_{021}^{(10)} - m_{100}^{(00)}m_{100}^{(21)}m_{002}^{(10)}m_{030}^{(22)} - m_{100}^{(00)}m_{100}^{(21)}m_{002}^{(10)}m_{021}^{(21)}\\
&+m_{100}^{(00)}m_{100}^{(21)}m_{002}^{(11)}m_{021}^{(20)} + m_{100}^{(00)}m_{100}^{(21)}m_{002}^{(20)}m_{030}^{(21)} + m_{100}^{(00)}m_{100}^{(21)}m_{002}^{(20)}m_{021}^{(11)}\\
&+m_{100}^{(00)}m_{100}^{(21)}m_{002}^{(21)}m_{030}^{(20)} - m_{100}^{(00)}m_{100}^{(21)}m_{002}^{(21)}m_{021}^{(10)} - m_{100}^{(00)}m_{100}^{(21)}m_{002}^{(22)}m_{030}^{(10)}\\
&+m_{100}^{(00)}m_{100}^{(22)}m_{020}^{(10)}m_{012}^{(21)} - m_{100}^{(00)}m_{100}^{(22)}m_{020}^{(11)}m_{012}^{(20)} - m_{100}^{(00)}m_{100}^{(22)}m_{020}^{(20)}m_{012}^{(11)}\\
&+m_{100}^{(00)}m_{100}^{(22)}m_{020}^{(21)}m_{012}^{(10)} - 2m_{100}^{(00)}m_{100}^{(22)}m_{011}^{(10)}m_{021}^{(21)} + 2m_{100}^{(00)}m_{100}^{(22)}m_{011}^{(11)}m_{021}^{(20)}\\
&+2m_{100}^{(00)}m_{100}^{(22)}m_{011}^{(20)}m_{021}^{(11)} - 2m_{100}^{(00)}m_{100}^{(22)}m_{011}^{(21)}m_{021}^{(10)} + m_{100}^{(00)}m_{100}^{(22)}m_{002}^{(10)}m_{030}^{(21)}\\
&-m_{100}^{(00)}m_{100}^{(22)}m_{002}^{(11)}m_{030}^{(20)} - m_{100}^{(00)}m_{100}^{(22)}m_{002}^{(20)}m_{030}^{(11)} + m_{100}^{(00)}m_{100}^{(22)}m_{002}^{(21)}m_{030}^{(10)}\\
&+m_{100}^{(00)}m_{010}^{(00)}m_{020}^{(11)}m_{003}^{(22)} - 2m_{100}^{(00)}m_{010}^{(00)}m_{020}^{(21)}m_{003}^{(21)} + m_{100}^{(00)}m_{010}^{(00)}m_{020}^{(22)}m_{003}^{(11)}\\
&-2m_{100}^{(00)}m_{010}^{(00)}m_{011}^{(11)}m_{012}^{(22)} + 4m_{100}^{(00)}m_{010}^{(00)}m_{011}^{(21)}m_{012}^{(21)} - 2m_{100}^{(00)}m_{010}^{(00)}m_{011}^{(22)}m_{012}^{(11)}\\
&+m_{100}^{(00)}m_{010}^{(00)}m_{002}^{(11)}m_{021}^{(22)} - 2m_{100}^{(00)}m_{010}^{(00)}m_{002}^{(21)}m_{021}^{(21)} + m_{100}^{(00)}m_{010}^{(00)}m_{002}^{(22)}m_{021}^{(11)}\\
&-2m_{100}^{(00)}m_{010}^{(10)}m_{110}^{(11)}m_{003}^{(22)} + 4m_{100}^{(00)}m_{010}^{(10)}m_{110}^{(21)}m_{003}^{(21)} - 2m_{100}^{(00)}m_{010}^{(10)}m_{110}^{(22)}m_{003}^{(11)}\\
&+2m_{100}^{(00)}m_{010}^{(10)}m_{101}^{(11)}m_{012}^{(22)} - 4m_{100}^{(00)}m_{010}^{(10)}m_{101}^{(21)}m_{012}^{(21)} + 2m_{100}^{(00)}m_{010}^{(10)}m_{101}^{(22)}m_{012}^{(11)}\\
&+m_{100}^{(00)}m_{010}^{(10)}m_{020}^{(10)}m_{003}^{(22)} - m_{100}^{(00)}m_{010}^{(10)}m_{020}^{(20)}m_{003}^{(21)} - m_{100}^{(00)}m_{010}^{(10)}m_{020}^{(21)}m_{003}^{(20)}\\
&+m_{100}^{(00)}m_{010}^{(10)}m_{020}^{(22)}m_{003}^{(10)} - 2m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(10)}m_{012}^{(22)} + 2m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(11)}m_{102}^{(22)}\\
&+2m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(20)}m_{012}^{(21)} - 4m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{102}^{(21)} + 2m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{012}^{(20)}\\
&+2m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(22)}m_{102}^{(11)} - 2m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(22)}m_{012}^{(10)} + m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(10)}m_{021}^{(22)}\\
&-2m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(11)}m_{111}^{(22)} - m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(20)}m_{021}^{(21)} + 4m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(21)}m_{111}^{(21)}\\
&-m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(21)}m_{021}^{(20)} - 2m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(22)}m_{111}^{(11)} + m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(22)}m_{021}^{(10)}\\
&+m_{100}^{(00)}m_{010}^{(11)}m_{200}^{(11)}m_{003}^{(22)} - 2m_{100}^{(00)}m_{010}^{(11)}m_{200}^{(21)}m_{003}^{(21)} + m_{100}^{(00)}m_{010}^{(11)}m_{200}^{(22)}m_{003}^{(11)}\\
&-2m_{100}^{(00)}m_{010}^{(11)}m_{101}^{(11)}m_{102}^{(22)} + 4m_{100}^{(00)}m_{010}^{(11)}m_{101}^{(21)}m_{102}^{(21)} - 2m_{100}^{(00)}m_{010}^{(11)}m_{101}^{(22)}m_{102}^{(11)}\\
&-m_{100}^{(00)}m_{010}^{(11)}m_{020}^{(00)}m_{003}^{(22)} + 2m_{100}^{(00)}m_{010}^{(11)}m_{020}^{(20)}m_{003}^{(20)} - m_{100}^{(00)}m_{010}^{(11)}m_{020}^{(22)}m_{003}^{(00)}\\
&+2m_{100}^{(00)}m_{010}^{(11)}m_{011}^{(00)}m_{012}^{(22)} - 4m_{100}^{(00)}m_{010}^{(11)}m_{011}^{(20)}m_{012}^{(20)} + 2m_{100}^{(00)}m_{010}^{(11)}m_{011}^{(22)}m_{012}^{(00)}\\
&-m_{100}^{(00)}m_{010}^{(11)}m_{002}^{(00)}m_{021}^{(22)} + m_{100}^{(00)}m_{010}^{(11)}m_{002}^{(11)}m_{201}^{(22)} + 2m_{100}^{(00)}m_{010}^{(11)}m_{002}^{(20)}m_{021}^{(20)}\\
&-2m_{100}^{(00)}m_{010}^{(11)}m_{002}^{(21)}m_{201}^{(21)} + m_{100}^{(00)}m_{010}^{(11)}m_{002}^{(22)}m_{201}^{(11)} - m_{100}^{(00)}m_{010}^{(11)}m_{002}^{(22)}m_{021}^{(00)}
\end{aligned}
$$

$$+2m_{100}^{(00)}m_{010}^{(20)}m_{110}^{(11)}m_{012}^{(22)} - 4m_{100}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{012}^{(21)} + 2m_{100}^{(00)}m_{010}^{(20)}m_{110}^{(22)}m_{012}^{(11)}$$
$$-2m_{100}^{(00)}m_{010}^{(20)}m_{101}^{(11)}m_{021}^{(22)} + 4m_{100}^{(00)}m_{010}^{(20)}m_{101}^{(21)}m_{021}^{(21)} - 2m_{100}^{(00)}m_{010}^{(20)}m_{101}^{(22)}m_{021}^{(11)}$$
$$-m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(10)}m_{012}^{(22)} - 2m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(11)}m_{102}^{(22)} + m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(20)}m_{012}^{(21)}$$
$$+4m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(21)}m_{102}^{(21)} + m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(21)}m_{012}^{(20)} - 2m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(22)}m_{102}^{(11)}$$
$$-m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(22)}m_{012}^{(10)} + 2m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(10)}m_{021}^{(22)} + 2m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(11)}m_{111}^{(22)}$$
$$-2m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(20)}m_{021}^{(21)} - 4m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(21)} - 2m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{021}^{(20)}$$
$$+2m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(22)}m_{111}^{(11)} + 2m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(22)}m_{021}^{(10)} - m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(10)}m_{030}^{(22)}$$
$$+m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(20)}m_{030}^{(21)} + m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{030}^{(20)} - m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(22)}m_{030}^{(10)}$$
$$-2m_{100}^{(00)}m_{010}^{(21)}m_{200}^{(11)}m_{012}^{(22)} + 4m_{100}^{(00)}m_{010}^{(21)}m_{200}^{(21)}m_{012}^{(21)} - 2m_{100}^{(00)}m_{010}^{(21)}m_{200}^{(22)}m_{012}^{(11)}$$
$$+2m_{100}^{(00)}m_{010}^{(21)}m_{110}^{(11)}m_{102}^{(22)} - 4m_{100}^{(00)}m_{010}^{(21)}m_{110}^{(21)}m_{102}^{(21)} + 2m_{100}^{(00)}m_{010}^{(21)}m_{110}^{(22)}m_{102}^{(11)}$$
$$+2m_{100}^{(00)}m_{010}^{(21)}m_{101}^{(11)}m_{111}^{(22)} - 4m_{100}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(21)} + 2m_{100}^{(00)}m_{010}^{(21)}m_{101}^{(22)}m_{111}^{(11)}$$
$$+m_{100}^{(00)}m_{010}^{(21)}m_{020}^{(00)}m_{012}^{(22)} + m_{100}^{(00)}m_{010}^{(21)}m_{020}^{(00)}m_{003}^{(21)} - m_{100}^{(00)}m_{010}^{(21)}m_{020}^{(10)}m_{003}^{(20)}$$
$$-2m_{100}^{(00)}m_{010}^{(21)}m_{020}^{(20)}m_{012}^{(20)} - m_{100}^{(00)}m_{010}^{(21)}m_{020}^{(20)}m_{003}^{(10)} + m_{100}^{(00)}m_{010}^{(21)}m_{020}^{(21)}m_{003}^{(00)}$$
$$+m_{100}^{(00)}m_{010}^{(21)}m_{020}^{(22)}m_{012}^{(00)} - 2m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(00)}m_{021}^{(22)} - 2m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(00)}m_{012}^{(21)}$$
$$+2m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(10)}m_{012}^{(20)} - 2m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(11)}m_{201}^{(22)} + 4m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{021}^{(20)}$$
$$+2m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{012}^{(10)} + 4m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(21)} - 2m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{012}^{(00)}$$
$$-2m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{201}^{(11)} - 2m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{021}^{(00)} + m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(00)}m_{030}^{(22)}$$
$$+m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(00)}m_{021}^{(21)} - m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(10)}m_{021}^{(20)} - 2m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(20)}m_{030}^{(20)}$$
$$-m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(20)}m_{021}^{(10)} + m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(21)}m_{021}^{(00)} + m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(22)}m_{030}^{(00)}$$
$$+m_{100}^{(00)}m_{010}^{(22)}m_{200}^{(11)}m_{021}^{(22)} - 2m_{100}^{(00)}m_{010}^{(22)}m_{200}^{(21)}m_{021}^{(21)} + m_{100}^{(00)}m_{010}^{(22)}m_{200}^{(22)}m_{021}^{(11)}$$
$$-2m_{100}^{(00)}m_{010}^{(22)}m_{110}^{(11)}m_{111}^{(22)} + 4m_{100}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(21)} - 2m_{100}^{(00)}m_{010}^{(22)}m_{110}^{(22)}m_{111}^{(11)}$$
$$-m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(00)}m_{012}^{(21)} + m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(10)}m_{012}^{(20)} + m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(11)}m_{201}^{(22)}$$
$$+m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(20)}m_{012}^{(10)} - 2m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(21)}m_{201}^{(21)} - m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(21)}m_{012}^{(00)}$$
$$+m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(22)}m_{201}^{(11)} + 2m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(00)}m_{021}^{(21)} - 2m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(10)}m_{021}^{(20)}$$
$$-2m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(20)}m_{021}^{(10)} + 2m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{021}^{(00)} - m_{100}^{(00)}m_{010}^{(22)}m_{002}^{(00)}m_{030}^{(21)}$$
$$+m_{100}^{(00)}m_{010}^{(22)}m_{002}^{(10)}m_{030}^{(20)} + m_{100}^{(00)}m_{010}^{(22)}m_{002}^{(20)}m_{030}^{(10)} - m_{100}^{(00)}m_{010}^{(22)}m_{002}^{(21)}m_{030}^{(00)}$$
$$-m_{100}^{(00)}m_{001}^{(00)}m_{020}^{(11)}m_{012}^{(22)} + 2m_{100}^{(00)}m_{001}^{(00)}m_{020}^{(21)}m_{012}^{(21)} - m_{100}^{(00)}m_{001}^{(00)}m_{020}^{(22)}m_{012}^{(11)}$$
$$+2m_{100}^{(00)}m_{001}^{(00)}m_{011}^{(11)}m_{021}^{(22)} - 4m_{100}^{(00)}m_{001}^{(00)}m_{011}^{(21)}m_{021}^{(21)} + 2m_{100}^{(00)}m_{001}^{(00)}m_{011}^{(22)}m_{021}^{(11)}$$
$$-m_{100}^{(00)}m_{001}^{(00)}m_{002}^{(11)}m_{030}^{(22)} + 2m_{100}^{(00)}m_{001}^{(00)}m_{002}^{(21)}m_{030}^{(21)} - m_{100}^{(00)}m_{001}^{(00)}m_{002}^{(22)}m_{030}^{(11)}$$
$$+2m_{100}^{(00)}m_{001}^{(10)}m_{110}^{(11)}m_{012}^{(22)} - 4m_{100}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(21)} + 2m_{100}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{012}^{(11)}$$
$$-2m_{100}^{(00)}m_{001}^{(10)}m_{101}^{(11)}m_{021}^{(22)} + 4m_{100}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(21)} - 2m_{100}^{(00)}m_{001}^{(10)}m_{101}^{(22)}m_{021}^{(11)}$$
$$-m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(10)}m_{003}^{(21)} + m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(11)}m_{003}^{(20)} + m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{003}^{(11)}$$
$$-m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{003}^{(10)} + 2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{012}^{(21)} - 2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{111}^{(22)}$$
$$-2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{012}^{(20)} - 2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{012}^{(11)} + 4m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(21)}$$
$$+2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{012}^{(10)} - 2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{111}^{(11)} - m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{021}^{(21)}$$
$$+2m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{120}^{(22)} + m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{021}^{(20)} + m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(20)}m_{021}^{(11)}$$
$$-4m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{120}^{(21)} - m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{021}^{(10)} + 2m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(22)}m_{120}^{(11)}$$
$$-m_{100}^{(00)}m_{001}^{(11)}m_{200}^{(11)}m_{012}^{(22)} + 2m_{100}^{(00)}m_{001}^{(11)}m_{200}^{(21)}m_{012}^{(21)} - m_{100}^{(00)}m_{001}^{(11)}m_{200}^{(22)}m_{012}^{(11)}$$

$$+2m_{100}^{(00)}m_{001}^{(11)}m_{101}^{(11)}m_{111}^{(22)} - 4m_{100}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(21)} + 2m_{100}^{(00)}m_{001}^{(11)}m_{101}^{(22)}m_{111}^{(11)}$$
$$+m_{100}^{(00)}m_{001}^{(11)}m_{020}^{(00)}m_{003}^{(21)} - m_{100}^{(00)}m_{001}^{(11)}m_{020}^{(10)}m_{003}^{(20)} - m_{100}^{(00)}m_{001}^{(11)}m_{020}^{(20)}m_{003}^{(10)}$$
$$+m_{100}^{(00)}m_{001}^{(11)}m_{020}^{(21)}m_{003}^{(00)} - 2m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(00)}m_{012}^{(21)} + 2m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(10)}m_{012}^{(20)}$$
$$+2m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{012}^{(10)} - 2m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{012}^{(00)} + m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(00)}m_{021}^{(21)}$$
$$-m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(10)}m_{021}^{(20)} - m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(11)}m_{210}^{(22)} - m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(20)}m_{021}^{(10)}$$
$$+2m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{210}^{(21)} + m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{021}^{(00)} - m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(22)}m_{210}^{(11)}$$
$$-2m_{100}^{(00)}m_{001}^{(20)}m_{110}^{(11)}m_{021}^{(22)} + 4m_{100}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(21)} - 2m_{100}^{(00)}m_{001}^{(20)}m_{110}^{(22)}m_{021}^{(11)}$$
$$+2m_{100}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{030}^{(22)} - 4m_{100}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{030}^{(21)} + 2m_{100}^{(00)}m_{001}^{(20)}m_{101}^{(22)}m_{030}^{(11)}$$
$$+m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{012}^{(21)} + 2m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{111}^{(22)} - m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{012}^{(20)}$$
$$-m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{012}^{(11)} - 4m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(21)} + m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{012}^{(10)}$$
$$+2m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(22)}m_{111}^{(11)} - 2m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{021}^{(21)} - 2m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{120}^{(22)}$$
$$+2m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{021}^{(20)} + 2m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{021}^{(11)} + 4m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(21)}$$
$$-2m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{021}^{(10)} - 2m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(22)}m_{120}^{(11)} + m_{100}^{(00)}m_{001}^{(20)}m_{002}^{(10)}m_{030}^{(21)}$$
$$-m_{100}^{(00)}m_{001}^{(20)}m_{002}^{(11)}m_{030}^{(20)} - m_{100}^{(00)}m_{001}^{(20)}m_{002}^{(20)}m_{030}^{(11)} + m_{100}^{(00)}m_{001}^{(20)}m_{002}^{(21)}m_{030}^{(10)}$$
$$+2m_{100}^{(00)}m_{001}^{(21)}m_{200}^{(11)}m_{021}^{(22)} - 4m_{100}^{(00)}m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(21)} + 2m_{100}^{(00)}m_{001}^{(21)}m_{200}^{(22)}m_{021}^{(11)}$$
$$-2m_{100}^{(00)}m_{001}^{(21)}m_{110}^{(11)}m_{111}^{(22)} + 4m_{100}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(21)} - 2m_{100}^{(00)}m_{001}^{(21)}m_{110}^{(22)}m_{111}^{(11)}$$
$$-2m_{100}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{120}^{(22)} + 4m_{100}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(21)} - 2m_{100}^{(00)}m_{001}^{(21)}m_{101}^{(22)}m_{120}^{(11)}$$
$$-m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(00)}m_{012}^{(21)} - m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(00)}m_{003}^{(11)} + m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{012}^{(20)}$$
$$+2m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{003}^{(10)} - m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(11)}m_{003}^{(00)} + m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{012}^{(10)}$$
$$-m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{012}^{(00)} + 2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(00)}m_{021}^{(21)} + 2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(00)}m_{012}^{(11)}$$
$$-2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{021}^{(20)} - 4m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{012}^{(10)} + 2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{210}^{(22)}$$
$$+2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{012}^{(00)} - 2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{021}^{(10)} - 4m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(21)}$$
$$+2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{021}^{(00)} + 2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(22)}m_{210}^{(11)} - m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(00)}m_{030}^{(21)}$$
$$-m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(00)}m_{021}^{(11)} + m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(10)}m_{030}^{(20)} + 2m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(10)}m_{021}^{(10)}$$
$$-m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(11)}m_{021}^{(00)} + m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(20)}m_{030}^{(10)} - m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(21)}m_{030}^{(00)}$$
$$-m_{100}^{(00)}m_{001}^{(22)}m_{200}^{(11)}m_{030}^{(22)} + 2m_{100}^{(00)}m_{001}^{(22)}m_{200}^{(21)}m_{030}^{(21)} - m_{100}^{(00)}m_{001}^{(22)}m_{200}^{(22)}m_{030}^{(11)}$$
$$+2m_{100}^{(00)}m_{001}^{(22)}m_{110}^{(11)}m_{120}^{(22)} - 4m_{100}^{(00)}m_{001}^{(22)}m_{110}^{(21)}m_{120}^{(21)} + 2m_{100}^{(00)}m_{001}^{(22)}m_{110}^{(22)}m_{120}^{(11)}$$
$$+m_{100}^{(00)}m_{001}^{(22)}m_{020}^{(00)}m_{012}^{(11)} - 2m_{100}^{(00)}m_{001}^{(22)}m_{020}^{(10)}m_{012}^{(10)} - m_{100}^{(00)}m_{001}^{(22)}m_{020}^{(11)}m_{012}^{(20)}$$
$$+m_{100}^{(00)}m_{001}^{(22)}m_{020}^{(11)}m_{012}^{(00)} + 2m_{100}^{(00)}m_{001}^{(22)}m_{020}^{(21)}m_{210}^{(21)} - m_{100}^{(00)}m_{001}^{(22)}m_{020}^{(22)}m_{210}^{(11)}$$
$$-2m_{100}^{(00)}m_{001}^{(22)}m_{011}^{(00)}m_{021}^{(11)} + 4m_{100}^{(00)}m_{001}^{(22)}m_{011}^{(10)}m_{021}^{(10)} - 2m_{100}^{(00)}m_{001}^{(22)}m_{011}^{(11)}m_{021}^{(00)}$$
$$+m_{100}^{(00)}m_{001}^{(22)}m_{002}^{(00)}m_{030}^{(11)} - 2m_{100}^{(00)}m_{001}^{(22)}m_{002}^{(10)}m_{030}^{(10)} + m_{100}^{(00)}m_{001}^{(22)}m_{002}^{(11)}m_{030}^{(00)}$$
$$+2(m_{100}^{(10)})^2m_{110}^{(11)}m_{003}^{(22)} - 4(m_{100}^{(10)})^2m_{110}^{(21)}m_{003}^{(21)} + 2(m_{100}^{(10)})^2m_{110}^{(22)}m_{003}^{(11)}$$
$$-2(m_{100}^{(10)})^2m_{101}^{(11)}m_{012}^{(22)} + 4(m_{100}^{(10)})^2m_{101}^{(21)}m_{012}^{(21)} - 2(m_{100}^{(10)})^2m_{101}^{(22)}m_{012}^{(11)}$$
$$-2(m_{100}^{(10)})^2m_{011}^{(11)}m_{102}^{(22)} + 4(m_{100}^{(10)})^2m_{011}^{(21)}m_{102}^{(21)} - 2(m_{100}^{(10)})^2m_{011}^{(22)}m_{102}^{(11)}$$
$$+2(m_{100}^{(10)})^2m_{002}^{(11)}m_{111}^{(22)} - 4(m_{100}^{(10)})^2m_{002}^{(21)}m_{111}^{(21)} + 2(m_{100}^{(10)})^2m_{002}^{(22)}m_{111}^{(11)}$$
$$-m_{100}^{(10)}m_{100}^{(11)}m_{200}^{(11)}m_{003}^{(22)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{200}^{(21)}m_{003}^{(21)} - m_{100}^{(10)}m_{100}^{(11)}m_{200}^{(22)}m_{003}^{(11)}$$
$$-2m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(10)}m_{003}^{(22)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(20)}m_{003}^{(21)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(21)}m_{003}^{(20)}$$
$$-2m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(22)}m_{003}^{(10)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(10)}m_{012}^{(22)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(11)}m_{102}^{(22)}$$

$$
\begin{aligned}
&-2m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(20)}m_{012}^{(21)} - 4m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(21)}m_{102}^{(21)} - 2m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(21)}m_{012}^{(20)}\\
&+2m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(22)}m_{102}^{(11)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(22)}m_{012}^{(10)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(10)}m_{102}^{(22)}\\
&-2m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(20)}m_{102}^{(21)} - 2m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(21)}m_{102}^{(20)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(22)}m_{102}^{(10)}\\
&-2m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(10)}m_{111}^{(22)} - m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(11)}m_{201}^{(22)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(20)}m_{111}^{(21)}\\
&+2m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(21)}m_{201}^{(21)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(21)}m_{111}^{(20)} - m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(22)}m_{201}^{(11)}\\
&-2m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(22)}m_{111}^{(10)} - 4m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(11)}m_{012}^{(22)} + 8m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{012}^{(21)}\\
&-4m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(22)}m_{012}^{(11)} + 4m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(11)}m_{021}^{(22)} - 8m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{021}^{(21)}\\
&+4m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(22)}m_{021}^{(11)} + 2m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(11)}m_{102}^{(22)} - 4m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(21)}m_{102}^{(21)}\\
&+2m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(22)}m_{102}^{(11)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(11)}m_{120}^{(22)} + 4m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(21)}m_{120}^{(21)}\\
&-2m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(22)}m_{120}^{(11)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{200}^{(11)}m_{012}^{(22)} - 4m_{100}^{(10)}m_{100}^{(21)}m_{200}^{(21)}m_{012}^{(21)}\\
&+2m_{100}^{(10)}m_{100}^{(21)}m_{200}^{(22)}m_{012}^{(11)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(10)}m_{012}^{(22)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(10)}m_{003}^{(21)}\\
&-2m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(11)}m_{102}^{(22)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(11)}m_{003}^{(20)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(20)}m_{012}^{(21)}\\
&-2m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(20)}m_{003}^{(11)} + 4m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{102}^{(21)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{012}^{(20)}\\
&+2m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{003}^{(10)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(22)}m_{102}^{(11)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(22)}m_{012}^{(10)}\\
&-2m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(10)}m_{021}^{(22)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(10)}m_{012}^{(21)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(11)}m_{111}^{(22)}\\
&+2m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(11)}m_{012}^{(20)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(20)}m_{021}^{(21)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(20)}m_{012}^{(11)}\\
&+4m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{111}^{(21)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{021}^{(20)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{012}^{(10)}\\
&-2m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(22)}m_{111}^{(11)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(22)}m_{021}^{(10)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{111}^{(22)}\\
&-2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{102}^{(21)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(11)}m_{201}^{(22)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(11)}m_{102}^{(20)}\\
&+2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{111}^{(21)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{102}^{(11)} - 4m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{201}^{(21)}\\
&+2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{111}^{(20)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{102}^{(10)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(22)}m_{201}^{(11)}\\
&-2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(22)}m_{111}^{(10)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{120}^{(22)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{111}^{(21)}\\
&-2m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(11)}m_{111}^{(20)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(20)}m_{120}^{(21)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(20)}m_{111}^{(11)}\\
&-2m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(21)}m_{120}^{(20)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(21)}m_{111}^{(10)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(22)}m_{120}^{(10)}\\
&-m_{100}^{(10)}m_{100}^{(22)}m_{200}^{(11)}m_{021}^{(22)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{200}^{(21)}m_{021}^{(21)} - m_{100}^{(10)}m_{100}^{(22)}m_{200}^{(22)}m_{021}^{(11)}\\
&-2m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(10)}m_{012}^{(21)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(11)}m_{111}^{(22)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(11)}m_{012}^{(20)}\\
&+2m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(20)}m_{012}^{(11)} - 4m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{111}^{(21)} - 2m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{012}^{(10)}\\
&+2m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(22)}m_{111}^{(11)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(10)}m_{021}^{(21)} - 2m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(11)}m_{101}^{(20)}\\
&-2m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(20)}m_{021}^{(11)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(21)}m_{021}^{(10)} - m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(11)}m_{201}^{(22)}\\
&+2m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(21)}m_{201}^{(21)} - m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(22)}m_{201}^{(11)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(10)}m_{111}^{(21)}\\
&-2m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(11)}m_{111}^{(20)} - 2m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(20)}m_{111}^{(11)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(21)}m_{111}^{(10)}\\
&-2m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(10)}m_{120}^{(21)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(11)}m_{120}^{(20)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(20)}m_{120}^{(11)}\\
&-2m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(21)}m_{120}^{(10)} - m_{100}^{(10)}m_{010}^{(00)}m_{020}^{(10)}m_{003}^{(22)} + m_{100}^{(10)}m_{010}^{(00)}m_{020}^{(20)}m_{003}^{(21)}\\
&+m_{100}^{(10)}m_{010}^{(00)}m_{020}^{(21)}m_{003}^{(20)} - m_{100}^{(10)}m_{010}^{(00)}m_{020}^{(22)}m_{003}^{(10)} + 2m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(10)}m_{012}^{(22)}\\
&-2m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(20)}m_{012}^{(21)} - 2m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{012}^{(20)} + 2m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(22)}m_{012}^{(10)}\\
&-m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(10)}m_{021}^{(22)} + m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(20)}m_{021}^{(21)} + m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(21)}m_{021}^{(20)}\\
&-m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(22)}m_{021}^{(10)} - m_{100}^{(10)}m_{010}^{(11)}m_{200}^{(10)}m_{003}^{(22)} + m_{100}^{(10)}m_{010}^{(11)}m_{200}^{(20)}m_{003}^{(21)}\\
&+m_{100}^{(10)}m_{010}^{(11)}m_{200}^{(21)}m_{003}^{(20)} - m_{100}^{(10)}m_{010}^{(11)}m_{200}^{(22)}m_{003}^{(10)} + 2m_{100}^{(10)}m_{010}^{(11)}m_{110}^{(00)}m_{003}^{(22)}
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&-4m_{100}^{(10)}m_{010}^{(11)}m_{110}^{(20)}m_{003}^{(20)} + 2m_{100}^{(10)}m_{010}^{(11)}m_{110}^{(22)}m_{003}^{(00)} - 2m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(00)}m_{012}^{(22)}\\
&+2m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(10)}m_{102}^{(22)} - 2m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{102}^{(21)} + 4m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{012}^{(20)}\\
&-2m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(21)}m_{102}^{(20)} + 2m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(22)}m_{102}^{(10)} - 2m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(22)}m_{012}^{(00)}\\
&-2m_{100}^{(10)}m_{010}^{(11)}m_{011}^{(00)}m_{102}^{(22)} + 4m_{100}^{(10)}m_{010}^{(11)}m_{011}^{(20)}m_{102}^{(20)} - 2m_{100}^{(10)}m_{010}^{(11)}m_{011}^{(22)}m_{102}^{(00)}\\
&+2m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(00)}m_{111}^{(22)} - m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(10)}m_{201}^{(22)} + m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(20)}m_{201}^{(21)}\\
&-4m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(20)}m_{111}^{(20)} + m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(21)}m_{201}^{(20)} - m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(22)}m_{201}^{(10)}\\
&+2m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(22)}m_{111}^{(00)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(10)}m_{102}^{(22)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(20)}m_{102}^{(21)}\\
&-2m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(21)}m_{102}^{(20)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(22)}m_{102}^{(10)} - 4m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(22)}\\
&+4m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(21)} + 4m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(20)} - 4m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{111}^{(10)}\\
&+2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{120}^{(22)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{120}^{(21)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{120}^{(20)}\\
&+2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(22)}m_{120}^{(10)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(22)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(21)}\\
&-2m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{012}^{(20)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{012}^{(10)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(00)}m_{012}^{(22)}\\
&-2m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(00)}m_{003}^{(21)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(10)}m_{102}^{(22)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(10)}m_{003}^{(20)}\\
&+2m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(21)} + 4m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{012}^{(20)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{003}^{(10)}\\
&+2m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(21)}m_{102}^{(20)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(21)}m_{003}^{(00)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{102}^{(10)}\\
&-2m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{012}^{(00)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(00)}m_{021}^{(22)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(00)}m_{012}^{(21)}\\
&-2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(22)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{012}^{(20)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(21)}\\
&-4m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{021}^{(20)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{012}^{(10)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(20)}\\
&+2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{012}^{(00)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{111}^{(10)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{021}^{(00)}\\
&+2m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(00)}m_{111}^{(22)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(00)}m_{102}^{(21)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(22)}\\
&-2m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(10)}m_{102}^{(20)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(21)} - 4m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{111}^{(20)}\\
&-2m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{102}^{(10)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(20)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(21)}m_{102}^{(00)}\\
&+2m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(22)}m_{201}^{(10)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(22)}m_{111}^{(00)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(00)}m_{120}^{(22)}\\
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&+2m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{111}^{(10)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{111}^{(00)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(22)}m_{120}^{(00)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(10)}m_{021}^{(22)} + m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(21)} + m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(21)}m_{021}^{(20)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(22)}m_{021}^{(10)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(00)}m_{012}^{(21)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(22)}\\
&-2m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{012}^{(20)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(21)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{012}^{(10)}\\
&-2m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(20)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{012}^{(00)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(22)}m_{111}^{(10)}\\
&-2m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(00)}m_{021}^{(21)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{021}^{(20)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{021}^{(10)}\\
&-2m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{021}^{(00)} - m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(10)}m_{201}^{(22)} + m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(20)}m_{201}^{(21)}\\
&+m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(21)}m_{201}^{(20)} - m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(22)}m_{201}^{(10)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{111}^{(21)}\\
&+2m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{111}^{(20)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{111}^{(10)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(21)}m_{111}^{(00)}\\
&+2m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(00)}m_{120}^{(21)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(10)}m_{120}^{(20)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(20)}m_{120}^{(10)}\\
&+2m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(21)}m_{120}^{(00)} + m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(10)}m_{012}^{(22)} + m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(11)}m_{102}^{(22)}\\
&-m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(20)}m_{012}^{(21)} - 2m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(21)} - m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(21)}m_{012}^{(20)}\\
&+m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(22)}m_{102}^{(11)} + m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(22)}m_{012}^{(10)} - 2m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{021}^{(22)}\\
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&+m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{030}^{(22)} + m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(11)}m_{120}^{(22)} - m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(20)}m_{030}^{(21)}\\
&-2m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{120}^{(21)} - m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{030}^{(20)} + m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(22)}m_{120}^{(11)}\\
&+m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(22)}m_{030}^{(10)} - 2m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(22)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(10)}m_{003}^{(21)}\\
&-2m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(11)}m_{102}^{(22)} - 2m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(11)}m_{003}^{(20)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(21)}\\
&-2m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{003}^{(11)} + 4m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(21)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(20)}\\
&+2m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{003}^{(10)} - 2m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{102}^{(11)} - 2m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{012}^{(10)}\\
&+2m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(22)} - 2m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(21)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(22)}\\
&+2m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{012}^{(20)} - 2m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(21)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{012}^{(11)}\\
&-4m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(21)} - 2m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(20)} - 2m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{012}^{(10)}\\
&+2m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{111}^{(11)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{021}^{(10)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(22)}\\
&-2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(21)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(11)}m_{201}^{(22)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(11)}m_{102}^{(20)}\\
&-2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(21)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{102}^{(11)} - 4m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(21)}\\
&-2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(20)} - 2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{102}^{(10)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{201}^{(11)}\\
&+2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{111}^{(10)} - 2m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{120}^{(22)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(21)}\\
&-2m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(11)}m_{210}^{(22)} - 2m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(11)}m_{111}^{(20)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(21)}\\
&-2m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{111}^{(11)} + 4m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{210}^{(21)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{120}^{(20)}\\
&+2m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{111}^{(10)} - 2m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(22)}m_{210}^{(11)} - 2m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(22)}m_{120}^{(10)}\\
&+m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(22)} + m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(11)}m_{102}^{(22)} - m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(21)}\\
&-2m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(21)} - m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{012}^{(20)} + m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{102}^{(11)}\\
&+m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{012}^{(10)} - 2m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(00)}m_{003}^{(21)} + 2m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(10)}m_{003}^{(20)}\\
&+2m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{003}^{(10)} - 2m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(21)}m_{003}^{(00)} + 2m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{012}^{(21)}\\
&-2m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(22)} - 2m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{012}^{(20)} - 2m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(11)}m_{201}^{(22)}\\
&+2m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(21)} - 2m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{012}^{(10)} + 4m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(21)}\\
&+2m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(20)} + 2m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{012}^{(00)} - 2m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{201}^{(11)}\\
&-2m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{111}^{(10)} + 2m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{102}^{(21)} - 2m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(10)}m_{102}^{(20)}\\
&-2m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{102}^{(10)} + 2m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(21)}m_{102}^{(00)} - 2m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(00)}m_{111}^{(21)}\\
&+m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{210}^{(22)} + 2m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{111}^{(20)} + m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(11)}m_{300}^{(22)}\\
&-m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(21)} + 2m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{111}^{(10)} - 2m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(21)}m_{300}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(21)}m_{210}^{(20)} - 2m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(21)}m_{111}^{(00)} + m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(22)}m_{300}^{(11)}\\
&+m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(22)}m_{210}^{(10)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(22)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(21)}\\
&+2m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(22)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{012}^{(20)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(21)}\\
&+2m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{012}^{(11)} - 4m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(21)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(20)}\\
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&-2m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(22)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(21)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(22)}\\
&-2m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{021}^{(20)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(21)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{021}^{(11)}\\
&+4m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(21)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{030}^{(20)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{021}^{(10)}\\
&-2m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(22)}m_{120}^{(11)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(22)}m_{030}^{(10)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(22)}
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&+2m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(20)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(22)}m_{201}^{(11)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(22)}m_{111}^{(10)}\\
&+2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(22)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(21)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(22)}\\
&-2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{111}^{(20)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(21)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{111}^{(11)}\\
&-4m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(21)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(20)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{111}^{(10)}\\
&+2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(22)}m_{210}^{(11)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(22)}m_{120}^{(10)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{120}^{(21)}\\
&+2m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(11)}m_{120}^{(20)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(20)}m_{120}^{(11)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(21)}m_{120}^{(10)}\\
&-2m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(22)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(22)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(21)}\\
&+4m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(21)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(20)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(22)}m_{111}^{(11)}\\
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&+2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(22)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{012}^{(20)} - 4m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{003}^{(10)}\\
&+2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(22)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(11)}m_{003}^{(00)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(21)}\\
&-2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{012}^{(10)} - 4m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(21)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(20)}\\
&+2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{012}^{(00)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{201}^{(11)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{111}^{(10)}\\
&-2m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{021}^{(21)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{012}^{(11)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(22)}\\
&+2m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(20)} + 4m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{012}^{(10)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(22)}\\
&-2m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{012}^{(00)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(21)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{021}^{(10)}\\
&-4m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(21)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(20)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{021}^{(00)}\\
&+2m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(22)}m_{210}^{(11)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(22)}m_{120}^{(10)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(21)}\\
&-2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{102}^{(11)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(22)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(20)}\\
&+4m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{102}^{(10)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(11)}m_{300}^{(22)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(11)}m_{102}^{(00)}\\
&+2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(21)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{111}^{(10)} + 4m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(21)}\\
&+2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(20)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{111}^{(00)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(22)}m_{300}^{(11)}\\
&-2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(22)}m_{210}^{(10)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(00)}m_{120}^{(21)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(00)}m_{111}^{(11)}\\
&-2m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{120}^{(20)} - 4m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{111}^{(10)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(11)}m_{111}^{(00)}\\
&-2m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(20)}m_{120}^{(10)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(21)}m_{120}^{(00)} + m_{100}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(22)}\\
&+m_{100}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(22)} - m_{100}^{(10)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(21)} - 2m_{100}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{030}^{(20)} + m_{100}^{(10)}m_{001}^{(22)}m_{200}^{(22)}m_{120}^{(11)} + m_{100}^{(10)}m_{001}^{(22)}m_{200}^{(22)}m_{030}^{(10)}\\
&-2m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{012}^{(11)} - 2m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(22)} + 4m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{012}^{(10)}\\
&-2m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(22)} - 2m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{012}^{(00)} + 2m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(21)}\\
&+4m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(21)} + 2m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{120}^{(20)} - 2m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(22)}m_{210}^{(11)}\\
&-2m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(22)}m_{120}^{(10)} + 2m_{100}^{(10)}m_{001}^{(22)}m_{101}^{(00)}m_{021}^{(11)} - 4m_{100}^{(10)}m_{001}^{(22)}m_{101}^{(10)}m_{021}^{(10)}\\
&+2m_{100}^{(10)}m_{001}^{(22)}m_{101}^{(11)}m_{021}^{(00)} + m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(22)} + m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(22)}\\
&-m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(21)} - 2m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(21)} - m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(21)}m_{210}^{(20)}\\
&+m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(22)}m_{300}^{(11)} + m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(22)}m_{210}^{(10)} + 2m_{100}^{(10)}m_{001}^{(22)}m_{011}^{(00)}m_{111}^{(11)}\\
&-4m_{100}^{(10)}m_{001}^{(22)}m_{011}^{(10)}m_{111}^{(10)} + 2m_{100}^{(10)}m_{001}^{(22)}m_{011}^{(11)}m_{111}^{(00)} - 2m_{100}^{(10)}m_{001}^{(22)}m_{002}^{(00)}m_{120}^{(11)}\\
&+4m_{100}^{(10)}m_{001}^{(22)}m_{002}^{(10)}m_{120}^{(10)} - 2m_{100}^{(10)}m_{001}^{(22)}m_{002}^{(11)}m_{120}^{(00)} + (m_{100}^{(11)})^2m_{200}^{(10)}m_{003}^{(22)}\\
&-(m_{100}^{(11)})^2m_{200}^{(20)}m_{003}^{(21)} - (m_{100}^{(11)})^2m_{200}^{(21)}m_{003}^{(20)} + (m_{100}^{(11)})^2m_{200}^{(22)}m_{003}^{(10)}
\end{aligned}
$$

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\begin{aligned}
&-2(m_{100}^{(11)})^2 m_{101}^{(10)} m_{102}^{(22)} + 2(m_{100}^{(11)})^2 m_{101}^{(20)} m_{102}^{(21)} + 2(m_{100}^{(11)})^2 m_{101}^{(21)} m_{102}^{(20)} \\
&-2(m_{100}^{(11)})^2 m_{101}^{(22)} m_{102}^{(10)} + (m_{100}^{(11)})^2 m_{002}^{(10)} m_{201}^{(22)} - (m_{100}^{(11)})^2 m_{002}^{(20)} m_{201}^{(21)} \\
&-(m_{100}^{(11)})^2 m_{002}^{(21)} m_{201}^{(20)} + (m_{100}^{(11)})^2 m_{002}^{(22)} m_{201}^{(10)} + m_{100}^{(11)} m_{100}^{(20)} m_{200}^{(11)} m_{012}^{(22)} \\
&-2m_{100}^{(11)} m_{100}^{(20)} m_{200}^{(21)} m_{012}^{(21)} + m_{100}^{(11)} m_{100}^{(20)} m_{200}^{(22)} m_{012}^{(11)} + 2m_{100}^{(11)} m_{100}^{(20)} m_{110}^{(10)} m_{012}^{(22)} \\
&-2m_{100}^{(11)} m_{100}^{(20)} m_{110}^{(20)} m_{012}^{(21)} - 2m_{100}^{(11)} m_{100}^{(20)} m_{110}^{(21)} m_{012}^{(20)} + 2m_{100}^{(11)} m_{100}^{(20)} m_{110}^{(22)} m_{012}^{(10)} \\
&-2m_{100}^{(11)} m_{100}^{(20)} m_{101}^{(10)} m_{021}^{(22)} - 2m_{100}^{(11)} m_{100}^{(20)} m_{101}^{(11)} m_{111}^{(22)} + 2m_{100}^{(11)} m_{100}^{(20)} m_{101}^{(20)} m_{021}^{(21)} \\
&+4m_{100}^{(11)} m_{100}^{(20)} m_{101}^{(21)} m_{111}^{(21)} + 2m_{100}^{(11)} m_{100}^{(20)} m_{101}^{(21)} m_{021}^{(20)} - 2m_{100}^{(11)} m_{100}^{(20)} m_{101}^{(22)} m_{111}^{(11)} \\
&-2m_{100}^{(11)} m_{100}^{(20)} m_{101}^{(22)} m_{021}^{(10)} - 2m_{100}^{(11)} m_{100}^{(20)} m_{020}^{(10)} m_{102}^{(22)} + 2m_{100}^{(11)} m_{100}^{(20)} m_{020}^{(20)} m_{102}^{(21)} \\
&+2m_{100}^{(11)} m_{100}^{(20)} m_{020}^{(21)} m_{102}^{(20)} - 2m_{100}^{(11)} m_{100}^{(20)} m_{020}^{(22)} m_{102}^{(10)} + 2m_{100}^{(11)} m_{100}^{(20)} m_{011}^{(10)} m_{111}^{(22)} \\
&-2m_{100}^{(11)} m_{100}^{(20)} m_{011}^{(20)} m_{111}^{(21)} - 2m_{100}^{(11)} m_{100}^{(20)} m_{011}^{(21)} m_{111}^{(20)} + 2m_{100}^{(11)} m_{100}^{(20)} m_{011}^{(22)} m_{111}^{(10)} \\
&+m_{100}^{(11)} m_{100}^{(20)} m_{002}^{(11)} m_{210}^{(22)} - 2m_{100}^{(11)} m_{100}^{(20)} m_{002}^{(21)} m_{210}^{(21)} + m_{100}^{(11)} m_{100}^{(20)} m_{002}^{(22)} m_{210}^{(11)} \\
&-3m_{100}^{(11)} m_{100}^{(21)} m_{200}^{(10)} m_{012}^{(22)} - m_{100}^{(11)} m_{100}^{(21)} m_{200}^{(10)} m_{003}^{(21)} + m_{100}^{(11)} m_{100}^{(21)} m_{200}^{(11)} m_{003}^{(20)} \\
&+3m_{100}^{(11)} m_{100}^{(21)} m_{200}^{(20)} m_{012}^{(21)} + m_{100}^{(11)} m_{100}^{(21)} m_{200}^{(20)} m_{003}^{(11)} + 3m_{100}^{(11)} m_{100}^{(21)} m_{200}^{(21)} m_{012}^{(20)} \\
&-m_{100}^{(11)} m_{100}^{(21)} m_{200}^{(21)} m_{003}^{(10)} - 3m_{100}^{(11)} m_{100}^{(21)} m_{200}^{(22)} m_{012}^{(10)} + 2m_{100}^{(11)} m_{100}^{(21)} m_{110}^{(10)} m_{102}^{(22)} \\
&-2m_{100}^{(11)} m_{100}^{(21)} m_{110}^{(20)} m_{102}^{(21)} - 2m_{100}^{(11)} m_{100}^{(21)} m_{110}^{(21)} m_{102}^{(20)} + 2m_{100}^{(11)} m_{100}^{(21)} m_{110}^{(22)} m_{102}^{(10)} \\
&+4m_{100}^{(11)} m_{100}^{(21)} m_{101}^{(10)} m_{111}^{(22)} + 2m_{100}^{(11)} m_{100}^{(21)} m_{101}^{(10)} m_{102}^{(21)} - 2m_{100}^{(11)} m_{100}^{(21)} m_{101}^{(11)} m_{102}^{(20)} \\
&-4m_{100}^{(11)} m_{100}^{(21)} m_{101}^{(20)} m_{111}^{(21)} - 2m_{100}^{(11)} m_{100}^{(21)} m_{101}^{(20)} m_{102}^{(11)} - 4m_{100}^{(11)} m_{100}^{(21)} m_{101}^{(21)} m_{111}^{(20)} \\
&+2m_{100}^{(11)} m_{100}^{(21)} m_{101}^{(21)} m_{102}^{(10)} + 4m_{100}^{(11)} m_{100}^{(21)} m_{101}^{(22)} m_{111}^{(10)} - 2m_{100}^{(11)} m_{100}^{(21)} m_{011}^{(10)} m_{201}^{(22)} \\
&+2m_{100}^{(11)} m_{100}^{(21)} m_{011}^{(20)} m_{201}^{(21)} + 2m_{100}^{(11)} m_{100}^{(21)} m_{011}^{(21)} m_{201}^{(20)} - 2m_{100}^{(11)} m_{100}^{(21)} m_{011}^{(22)} m_{201}^{(10)} \\
&-m_{100}^{(11)} m_{100}^{(21)} m_{002}^{(10)} m_{210}^{(22)} - m_{100}^{(11)} m_{100}^{(21)} m_{002}^{(10)} m_{201}^{(21)} + m_{100}^{(11)} m_{100}^{(21)} m_{002}^{(11)} m_{201}^{(20)} \\
&+m_{100}^{(11)} m_{100}^{(21)} m_{002}^{(20)} m_{210}^{(21)} + m_{100}^{(11)} m_{100}^{(21)} m_{002}^{(20)} m_{201}^{(11)} + m_{100}^{(11)} m_{100}^{(21)} m_{002}^{(21)} m_{210}^{(20)} \\
&-m_{100}^{(11)} m_{100}^{(21)} m_{002}^{(21)} m_{201}^{(10)} - m_{100}^{(11)} m_{100}^{(21)} m_{002}^{(22)} m_{210}^{(10)} + m_{100}^{(11)} m_{100}^{(22)} m_{200}^{(10)} m_{021}^{(22)} \\
&+m_{100}^{(11)} m_{100}^{(22)} m_{200}^{(10)} m_{012}^{(21)} - m_{100}^{(11)} m_{100}^{(22)} m_{200}^{(11)} m_{012}^{(20)} - m_{100}^{(11)} m_{100}^{(22)} m_{200}^{(20)} m_{021}^{(21)} \\
&-m_{100}^{(11)} m_{100}^{(22)} m_{200}^{(20)} m_{012}^{(11)} - m_{100}^{(11)} m_{100}^{(22)} m_{200}^{(21)} m_{021}^{(20)} + m_{100}^{(11)} m_{100}^{(22)} m_{200}^{(21)} m_{012}^{(10)} \\
&+m_{100}^{(11)} m_{100}^{(22)} m_{200}^{(22)} m_{021}^{(10)} - 2m_{100}^{(11)} m_{100}^{(22)} m_{110}^{(10)} m_{111}^{(22)} + 2m_{100}^{(11)} m_{100}^{(22)} m_{110}^{(20)} m_{111}^{(21)} \\
&+2m_{100}^{(11)} m_{100}^{(22)} m_{110}^{(21)} m_{111}^{(20)} - 2m_{100}^{(11)} m_{100}^{(22)} m_{110}^{(22)} m_{111}^{(10)} - 2m_{100}^{(11)} m_{100}^{(22)} m_{101}^{(10)} m_{111}^{(21)} \\
&+2m_{100}^{(11)} m_{100}^{(22)} m_{101}^{(11)} m_{111}^{(20)} + 2m_{100}^{(11)} m_{100}^{(22)} m_{101}^{(20)} m_{111}^{(11)} - 2m_{100}^{(11)} m_{100}^{(22)} m_{101}^{(21)} m_{111}^{(10)} \\
&+m_{100}^{(11)} m_{100}^{(22)} m_{020}^{(10)} m_{201}^{(22)} - m_{100}^{(11)} m_{100}^{(22)} m_{020}^{(20)} m_{201}^{(21)} - m_{100}^{(11)} m_{100}^{(22)} m_{020}^{(21)} m_{201}^{(20)} \\
&+m_{100}^{(11)} m_{100}^{(22)} m_{020}^{(22)} m_{201}^{(10)} + m_{100}^{(11)} m_{100}^{(22)} m_{002}^{(10)} m_{210}^{(21)} - m_{100}^{(11)} m_{100}^{(22)} m_{002}^{(11)} m_{210}^{(20)} \\
&-m_{100}^{(11)} m_{100}^{(22)} m_{002}^{(20)} m_{210}^{(11)} + m_{100}^{(11)} m_{100}^{(22)} m_{002}^{(21)} m_{210}^{(10)} + m_{100}^{(11)} m_{010}^{(10)} m_{200}^{(10)} m_{003}^{(22)} \\
&-m_{100}^{(11)} m_{010}^{(10)} m_{200}^{(20)} m_{003}^{(21)} - m_{100}^{(11)} m_{010}^{(10)} m_{200}^{(21)} m_{003}^{(20)} + m_{100}^{(11)} m_{010}^{(10)} m_{200}^{(22)} m_{003}^{(10)} \\
&-2m_{100}^{(11)} m_{010}^{(10)} m_{101}^{(10)} m_{102}^{(22)} + 2m_{100}^{(11)} m_{010}^{(10)} m_{101}^{(20)} m_{102}^{(21)} + 2m_{100}^{(11)} m_{010}^{(10)} m_{101}^{(21)} m_{102}^{(20)} \\
&-2m_{100}^{(11)} m_{010}^{(10)} m_{101}^{(22)} m_{102}^{(10)} + m_{100}^{(11)} m_{010}^{(10)} m_{002}^{(10)} m_{201}^{(22)} - m_{100}^{(11)} m_{010}^{(10)} m_{002}^{(20)} m_{201}^{(21)} \\
&-m_{100}^{(11)} m_{010}^{(10)} m_{002}^{(21)} m_{201}^{(20)} + m_{100}^{(11)} m_{010}^{(10)} m_{002}^{(22)} m_{201}^{(10)} - m_{100}^{(11)} m_{010}^{(11)} m_{200}^{(00)} m_{003}^{(22)} \\
&+2m_{100}^{(11)} m_{010}^{(11)} m_{200}^{(20)} m_{003}^{(20)} - m_{100}^{(11)} m_{010}^{(11)} m_{200}^{(22)} m_{003}^{(00)} + 2m_{100}^{(11)} m_{010}^{(11)} m_{101}^{(00)} m_{102}^{(22)} \\
&-4m_{100}^{(11)} m_{010}^{(11)} m_{101}^{(20)} m_{102}^{(20)} + 2m_{100}^{(11)} m_{010}^{(11)} m_{101}^{(22)} m_{102}^{(00)} - m_{100}^{(11)} m_{010}^{(11)} m_{002}^{(00)} m_{201}^{(22)} \\
&+2m_{100}^{(11)} m_{010}^{(11)} m_{002}^{(20)} m_{201}^{(20)} - m_{100}^{(11)} m_{010}^{(11)} m_{002}^{(22)} m_{201}^{(00)} - m_{100}^{(11)} m_{010}^{(20)} m_{200}^{(10)} m_{012}^{(22)} \\
&+m_{100}^{(11)} m_{010}^{(20)} m_{200}^{(20)} m_{012}^{(21)} + m_{100}^{(11)} m_{010}^{(20)} m_{200}^{(21)} m_{012}^{(20)} - m_{100}^{(11)} m_{010}^{(20)} m_{200}^{(22)} m_{012}^{(10)}
\end{aligned}
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\begin{aligned}
&+2m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(10)}m_{111}^{(22)} - 2m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{111}^{(21)} - 2m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(20)}\\
&+2m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(22)}m_{111}^{(10)} - m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(10)}m_{210}^{(22)} + m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(20)}m_{210}^{(21)}\\
&+m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(21)}m_{210}^{(20)} - m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(22)}m_{210}^{(10)} + m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(00)}m_{012}^{(22)}\\
&+m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(00)}m_{003}^{(21)} - m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(10)}m_{003}^{(20)} - 2m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{003}^{(10)} + m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(21)}m_{003}^{(00)} + m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{012}^{(00)}\\
&-2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(00)}m_{111}^{(22)} - 2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(00)}m_{102}^{(21)} + 2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(10)}m_{102}^{(20)}\\
&+4m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(20)} + 2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{102}^{(10)} - 2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(21)}m_{102}^{(00)}\\
&-2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(22)}m_{111}^{(00)} + m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(00)}m_{210}^{(22)} + m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(00)}m_{201}^{(21)}\\
&-m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(10)}m_{201}^{(20)} - 2m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(20)}m_{210}^{(20)} - m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(20)}m_{201}^{(10)}\\
&+m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(21)}m_{201}^{(00)} + m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(22)}m_{210}^{(00)} - m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(00)}m_{012}^{(21)}\\
&+m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(10)}m_{012}^{(20)} + m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(20)}m_{012}^{(10)} - m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(21)}m_{012}^{(00)}\\
&+2m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(00)}m_{111}^{(21)} - 2m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(20)} - 2m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(20)}m_{111}^{(10)}\\
&+2m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(21)}m_{111}^{(00)} - m_{100}^{(11)}m_{010}^{(22)}m_{002}^{(00)}m_{210}^{(21)} + m_{100}^{(11)}m_{010}^{(22)}m_{002}^{(10)}m_{210}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(22)}m_{002}^{(20)}m_{210}^{(10)} - m_{100}^{(11)}m_{010}^{(22)}m_{002}^{(21)}m_{210}^{(00)} - m_{100}^{(11)}m_{001}^{(00)}m_{010}^{(10)}m_{020}^{(22)}m_{102}\\
&+m_{100}^{(11)}m_{001}^{(00)}m_{020}^{(20)}m_{102}^{(21)} + m_{100}^{(11)}m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(20)} - m_{100}^{(11)}m_{001}^{(00)}m_{020}^{(22)}m_{102}^{(10)}\\
&+2m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(22)} - 2m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(21)} - 2m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(20)}\\
&+2m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(22)}m_{111}^{(10)} - m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(10)}m_{120}^{(22)} + m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(20)}m_{120}^{(21)}\\
&+m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(21)}m_{120}^{(20)} - m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(22)}m_{120}^{(10)} - m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(10)}m_{003}^{(21)}\\
&+m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(11)}m_{003}^{(20)} + m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{003}^{(11)} - m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(21)}m_{003}^{(10)}\\
&+2m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(22)} - 2m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{102}^{(21)} - 2m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(20)}\\
&+2m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(22)}m_{102}^{(10)} - 2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(22)} + 2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{102}^{(21)}\\
&-2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(11)}m_{102}^{(20)} + 2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(21)} - 2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{102}^{(11)}\\
&+2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(20)} + 2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{102}^{(10)} - 2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{111}^{(10)}\\
&-2m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(22)} + 2m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(21)} + 2m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(20)}\\
&-2m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(22)}m_{201}^{(10)} + 2m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{210}^{(22)} - m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{201}^{(21)}\\
&+m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(11)}m_{201}^{(20)} - 2m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{210}^{(21)} + m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{201}^{(11)}\\
&-2m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(21)}m_{210}^{(20)} - m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(21)}m_{201}^{(10)} + 2m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(22)}m_{210}^{(10)}\\
&+m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(00)}m_{003}^{(21)} - m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(10)}m_{102}^{(22)} - m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(10)}m_{003}^{(20)}\\
&+m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(20)}m_{102}^{(21)} - m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(20)}m_{003}^{(10)} + m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(20)}\\
&+m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(21)}m_{003}^{(00)} - m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(22)}m_{102}^{(10)} - 2m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(00)}m_{102}^{(21)}\\
&+2m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(22)} + 2m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(20)} - 2m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(20)}m_{201}^{(21)}\\
&+2m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(20)}m_{102}^{(10)} - 2m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(20)} - 2m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(21)}m_{102}^{(00)}\\
&+2m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(22)}m_{201}^{(10)} + m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(00)}m_{201}^{(21)} - m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(10)}m_{300}^{(22)}\\
&-m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(10)}m_{201}^{(20)} + m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(20)}m_{300}^{(21)} - m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(20)}m_{201}^{(10)}\\
&+m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(21)}m_{300}^{(20)} + m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(21)}m_{201}^{(00)} - m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(22)}m_{300}^{(10)}\\
&+m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{012}^{(21)} - m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(11)}m_{012}^{(20)} - m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{012}^{(11)}\\
&+m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{012}^{(10)} - 2m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(22)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(21)}\\
&+2m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(20)} - 2m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(22)}m_{111}^{(10)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(22)}
\end{aligned}
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\begin{aligned}
&-2m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(21)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(20)} - 2m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(21)}\\
&+2m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{111}^{(11)} - 2m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(20)} - 2m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{111}^{(10)}\\
&+2m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(22)}m_{120}^{(10)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(22)} - 2m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(20)}m_{201}^{(21)}\\
&-2m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(20)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(22)}m_{201}^{(10)} - 2m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(22)}\\
&+2m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(21)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(20)} - 2m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(22)}m_{210}^{(10)}\\
&+m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(10)}m_{210}^{(21)} - m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(11)}m_{210}^{(20)} - m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(20)}m_{210}^{(11)}\\
&+m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(21)}m_{210}^{(10)} - m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{012}^{(21)} - m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{003}^{(11)}\\
&+2m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(22)} + m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(20)} + 2m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{003}^{(10)}\\
&-m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(11)}m_{003}^{(00)} - 2m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(21)} + m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{012}^{(10)}\\
&-2m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(20)} - m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{012}^{(00)} + 2m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(22)}m_{111}^{(10)}\\
&-2m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(22)} + 2m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(21)} + 2m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(20)}\\
&-2m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(22)}m_{201}^{(10)} + 2m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(21)} + 2m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{102}^{(11)}\\
&-2m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(22)} - 2m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(20)} - 4m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{102}^{(10)}\\
&+2m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(11)}m_{102}^{(00)} + 2m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(21)} - 2m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{111}^{(10)}\\
&+2m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(20)} + 2m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{111}^{(00)} - 2m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(22)}m_{210}^{(10)}\\
&+2m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(22)} - 2m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(21)} - 2m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(20)}\\
&+2m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(22)}m_{300}^{(10)} - m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(00)}m_{210}^{(21)} - m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(00)}m_{201}^{(11)}\\
&+m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(10)}m_{210}^{(20)} + 2m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(10)}m_{201}^{(10)} - m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(11)}m_{201}^{(00)}\\
&+m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(20)}m_{210}^{(10)} - m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(21)}m_{210}^{(00)} + m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(00)}m_{012}^{(11)}\\
&-m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(22)} - 2m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{012}^{(10)} + m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(11)}m_{012}^{(00)}\\
&+m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(20)}m_{120}^{(21)} + m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(20)} - m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(22)}m_{120}^{(10)}\\
&+2m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(22)} - 2m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(20)}m_{210}^{(21)} - 2m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(20)}\\
&+2m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(22)}m_{210}^{(10)} - 2m_{100}^{(11)}m_{001}^{(22)}m_{101}^{(00)}m_{111}^{(11)} + 4m_{100}^{(11)}m_{001}^{(22)}m_{101}^{(10)}m_{111}^{(10)}\\
&-2m_{100}^{(11)}m_{001}^{(22)}m_{101}^{(11)}m_{111}^{(00)} - m_{100}^{(11)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(22)} + m_{100}^{(11)}m_{001}^{(22)}m_{020}^{(20)}m_{300}^{(21)}\\
&+m_{100}^{(11)}m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(20)} - m_{100}^{(11)}m_{001}^{(22)}m_{020}^{(22)}m_{300}^{(10)} + m_{100}^{(11)}m_{001}^{(22)}m_{002}^{(00)}m_{210}^{(11)}\\
&-2m_{100}^{(11)}m_{001}^{(22)}m_{002}^{(10)}m_{210}^{(10)} + m_{100}^{(11)}m_{001}^{(22)}m_{002}^{(11)}m_{210}^{(00)} + 2(m_{100}^{(20)})^2m_{110}^{(11)}m_{021}^{(22)}\\
&-4(m_{100}^{(20)})^2m_{110}^{(21)}m_{021}^{(21)} + 2(m_{100}^{(20)})^2m_{110}^{(22)}m_{021}^{(11)} - 2(m_{100}^{(20)})^2m_{101}^{(11)}m_{030}^{(22)}\\
&+4(m_{100}^{(20)})^2m_{101}^{(21)}m_{030}^{(21)} - 2(m_{100}^{(20)})^2m_{101}^{(22)}m_{030}^{(11)} - 2(m_{100}^{(20)})^2m_{020}^{(11)}m_{111}^{(22)}\\
&+4(m_{100}^{(20)})^2m_{020}^{(21)}m_{111}^{(21)} - 2(m_{100}^{(20)})^2m_{020}^{(22)}m_{111}^{(11)} + 2(m_{100}^{(20)})^2m_{011}^{(11)}m_{120}^{(22)}\\
&-4(m_{100}^{(20)})^2m_{011}^{(21)}m_{120}^{(21)} + 2(m_{100}^{(20)})^2m_{011}^{(22)}m_{120}^{(11)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{100}^{(11)}m_{200}^{(22)}m_{021}^{(22)}\\
&+4m_{100}^{(20)}m_{100}^{(21)}m_{200}^{(21)}m_{021}^{(21)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{200}^{(22)}m_{021}^{(11)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(10)}m_{021}^{(22)}\\
&-2m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(10)}m_{012}^{(21)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(11)}m_{111}^{(22)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(11)}m_{012}^{(20)}\\
&+2m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(20)}m_{021}^{(21)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(20)}m_{012}^{(11)} - 4m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{111}^{(21)}\\
&+2m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{021}^{(20)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{012}^{(10)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(22)}m_{111}^{(11)}\\
&-2m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(22)}m_{021}^{(10)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(10)}m_{030}^{(22)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(10)}m_{021}^{(21)}\\
&+2m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{120}^{(22)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(20)}m_{021}^{(11)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(20)}m_{030}^{(21)}\\
&-2m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(20)}m_{021}^{(11)} - 4m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{120}^{(21)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{030}^{(20)}\\
&+2m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{021}^{(10)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(22)}m_{120}^{(11)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(22)}m_{030}^{(10)}
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&+2m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(10)}m_{111}^{(22)}+2m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(10)}m_{102}^{(21)}-2m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(11)}m_{102}^{(20)}\\
&-2m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{111}^{(21)}-2m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{102}^{(11)}-2m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(21)}m_{111}^{(20)}\\
&+2m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(21)}m_{102}^{(10)}+2m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(22)}m_{111}^{(10)}-2m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{120}^{(22)}\\
&-2m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{111}^{(21)}-2m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(11)}m_{210}^{(22)}+2m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(11)}m_{111}^{(20)}\\
&+2m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(20)}m_{120}^{(21)}+2m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(20)}m_{111}^{(11)}+4m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(21)}m_{210}^{(20)}\\
&+2m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(21)}m_{120}^{(20)}-2m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(21)}m_{111}^{(10)}-2m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(22)}m_{210}^{(11)}\\
&-2m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(22)}m_{120}^{(10)}+m_{100}^{(20)}m_{100}^{(22)}m_{200}^{(11)}m_{030}^{(22)}-2m_{100}^{(20)}m_{100}^{(22)}m_{200}^{(21)}m_{030}^{(21)}\\
&+m_{100}^{(20)}m_{100}^{(22)}m_{200}^{(22)}m_{030}^{(11)}+2m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(10)}m_{021}^{(21)}-2m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(11)}m_{120}^{(22)}\\
&-2m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(11)}m_{021}^{(20)}-2m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(20)}m_{021}^{(11)}+4m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(21)}m_{120}^{(21)}\\
&+2m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(21)}m_{021}^{(10)}-2m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(22)}m_{120}^{(11)}-2m_{100}^{(20)}m_{100}^{(22)}m_{101}^{(10)}m_{030}^{(21)}\\
&+2m_{100}^{(20)}m_{100}^{(22)}m_{101}^{(11)}m_{030}^{(20)}+2m_{100}^{(20)}m_{100}^{(22)}m_{101}^{(20)}m_{030}^{(11)}-2m_{100}^{(20)}m_{100}^{(22)}m_{101}^{(21)}m_{030}^{(10)}\\
&-2m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(10)}m_{111}^{(21)}+m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(11)}m_{210}^{(22)}+2m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(11)}m_{111}^{(20)}\\
&+2m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(20)}m_{111}^{(11)}-2m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(21)}m_{210}^{(21)}-2m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(21)}m_{111}^{(10)}\\
&+m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(22)}m_{210}^{(11)}+2m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(10)}m_{120}^{(21)}-2m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(11)}m_{120}^{(20)}\\
&-2m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(20)}m_{120}^{(11)}+2m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(21)}m_{120}^{(10)}+m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(10)}m_{003}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(11)}m_{102}^{(22)}-m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(11)}m_{003}^{(20)}-m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(20)}m_{003}^{(11)}\\
&+2m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(21)}m_{102}^{(21)}+m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(21)}m_{003}^{(10)}-m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(22)}m_{102}^{(11)}\\
&-2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(10)}m_{012}^{(21)}+2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(11)}m_{111}^{(22)}+2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(11)}m_{012}^{(20)}\\
&+2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(20)}m_{012}^{(11)}-4m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{111}^{(21)}-2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{012}^{(10)}\\
&+2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(22)}m_{111}^{(11)}+m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(10)}m_{021}^{(21)}-m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(11)}m_{120}^{(22)}\\
&-m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(11)}m_{021}^{(20)}-m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(20)}m_{021}^{(11)}+2m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(21)}m_{120}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(21)}m_{021}^{(10)}-m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(22)}m_{120}^{(11)}+2m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(10)}m_{012}^{(22)}\\
&-2m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(10)}m_{003}^{(21)}+2m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(11)}m_{102}^{(22)}+2m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(11)}m_{003}^{(20)}\\
&-2m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(20)}m_{012}^{(21)}+2m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(20)}m_{003}^{(11)}-4m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{102}^{(21)}\\
&-2m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{012}^{(20)}-2m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{003}^{(10)}+2m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{102}^{(11)}\\
&+2m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{012}^{(10)}-2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(10)}m_{021}^{(22)}+2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(10)}m_{012}^{(21)}\\
&-2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(11)}m_{111}^{(22)}-2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(11)}m_{012}^{(20)}+2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(20)}m_{021}^{(11)}\\
&-2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(20)}m_{012}^{(11)}+4m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(21)}+2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{021}^{(20)}\\
&+2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{012}^{(10)}-2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(22)}m_{111}^{(11)}-2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(22)}m_{021}^{(10)}\\
&-2m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(10)}m_{102}^{(22)}+2m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(20)}m_{102}^{(21)}+2m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(21)}m_{102}^{(20)}\\
&-2m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(22)}m_{102}^{(10)}+2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{111}^{(22)}+2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{102}^{(21)}\\
&-2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(11)}m_{201}^{(22)}-2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(11)}m_{102}^{(20)}-2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{111}^{(21)}\\
&-2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{102}^{(11)}+4m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{201}^{(21)}-2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{111}^{(20)}\\
&+2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{102}^{(10)}-2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(22)}m_{201}^{(11)}+2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(22)}m_{111}^{(10)}\\
&-2m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{111}^{(21)}+2m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(11)}m_{210}^{(22)}+2m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(11)}m_{111}^{(20)}\\
&+2m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(20)}m_{111}^{(11)}-4m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(21)}m_{210}^{(21)}-2m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(21)}m_{111}^{(10)}\\
&+2m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(22)}m_{210}^{(11)}+m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(10)}m_{003}^{(21)}-m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(11)}m_{102}^{(22)}\\
&-m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(11)}m_{003}^{(20)}-m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(20)}m_{003}^{(11)}+2m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(21)}m_{102}^{(21)}
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&+m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(21)}m_{003}^{(10)} - m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(22)}m_{102}^{(11)} - 2m_{100}^{(20)}m_{010}^{(11)}m_{110}^{(00)}m_{012}^{(22)}\\
&+4m_{100}^{(20)}m_{010}^{(11)}m_{110}^{(20)}m_{012}^{(20)} - 2m_{100}^{(20)}m_{010}^{(11)}m_{110}^{(22)}m_{012}^{(00)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(00)}m_{021}^{(22)}\\
&-2m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(10)}m_{102}^{(21)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(11)}m_{201}^{(22)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(11)}m_{102}^{(20)}\\
&+2m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(20)}m_{102}^{(11)} - 4m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(20)}m_{021}^{(20)} - 4m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(21)}m_{201}^{(21)}\\
&-2m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(21)}m_{102}^{(10)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(22)}m_{201}^{(11)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(22)}m_{021}^{(00)}\\
&+2m_{100}^{(20)}m_{010}^{(11)}m_{020}^{(00)}m_{102}^{(22)} - 4m_{100}^{(20)}m_{010}^{(11)}m_{020}^{(20)}m_{102}^{(20)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{020}^{(22)}m_{102}^{(00)}\\
&-2m_{100}^{(20)}m_{010}^{(11)}m_{011}^{(00)}m_{111}^{(22)} + 4m_{100}^{(20)}m_{010}^{(11)}m_{011}^{(20)}m_{111}^{(20)} - 2m_{100}^{(20)}m_{010}^{(11)}m_{011}^{(22)}m_{111}^{(00)}\\
&+m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(10)}m_{201}^{(21)} - m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(11)}m_{300}^{(22)} - m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(11)}m_{201}^{(20)}\\
&-m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(20)}m_{201}^{(11)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(21)}m_{300}^{(21)} + m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(21)}m_{201}^{(10)}\\
&-m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(22)}m_{300}^{(11)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(10)}m_{021}^{(22)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(10)}m_{012}^{(21)}\\
&-2m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(11)}m_{111}^{(22)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(11)}m_{012}^{(20)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(20)}m_{021}^{(21)}\\
&-2m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(11)} + 4m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{111}^{(21)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{021}^{(20)}\\
&+2m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{012}^{(10)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(22)}m_{111}^{(11)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(22)}m_{021}^{(10)}\\
&+2m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(10)}m_{030}^{(22)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(10)}m_{021}^{(21)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(11)}m_{120}^{(22)}\\
&+2m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(11)}m_{021}^{(20)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(20)}m_{030}^{(21)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(20)}m_{021}^{(11)}\\
&-4m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{120}^{(21)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{030}^{(20)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{021}^{(10)}\\
&+2m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(22)}m_{120}^{(11)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(22)}m_{030}^{(10)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(10)}m_{111}^{(22)}\\
&-2m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(10)}m_{102}^{(21)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(11)}m_{201}^{(22)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(11)}m_{102}^{(20)}\\
&-2m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(20)}m_{111}^{(21)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(20)}m_{102}^{(11)} - 4m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(21)}m_{201}^{(21)}\\
&-2m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(21)}m_{111}^{(20)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(21)}m_{102}^{(10)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(22)}m_{201}^{(11)}\\
&+2m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(22)}m_{111}^{(10)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{120}^{(22)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(21)}\\
&-2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(11)}m_{210}^{(22)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(11)}m_{111}^{(20)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(20)}m_{120}^{(21)}\\
&-2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(11)} + 4m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{210}^{(21)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{120}^{(20)}\\
&+2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(10)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(22)}m_{210}^{(11)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(22)}m_{120}^{(10)}\\
&-2m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(21)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(11)}m_{111}^{(22)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(11)}m_{012}^{(20)}\\
&+2m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(11)} - 4m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(21)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{012}^{(10)}\\
&+2m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(22)}m_{111}^{(11)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(00)}m_{021}^{(22)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(00)}m_{012}^{(21)}\\
&+2m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{102}^{(21)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{012}^{(20)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(11)}m_{201}^{(22)}\\
&-2m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(11)}m_{102}^{(20)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(11)} - 4m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{021}^{(20)}\\
&-2m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{012}^{(10)} + 4m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{201}^{(21)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{102}^{(10)}\\
&+2m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{012}^{(00)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(22)}m_{201}^{(11)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(22)}m_{021}^{(00)}\\
&-2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(00)}m_{030}^{(22)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(00)}m_{021}^{(21)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(21)}\\
&+2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{021}^{(20)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(11)}m_{210}^{(22)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(11)}m_{111}^{(20)}\\
&-2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(11)} + 4m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{030}^{(20)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{021}^{(10)}\\
&+4m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{210}^{(21)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(10)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{021}^{(00)}\\
&-2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(22)}m_{210}^{(11)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(22)}m_{030}^{(00)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(00)}m_{111}^{(22)}\\
&-2m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(00)}m_{102}^{(21)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(10)}m_{102}^{(20)} + 4m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(20)}m_{111}^{(20)}\\
&+2m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(20)}m_{102}^{(10)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(21)}m_{102}^{(00)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(22)}m_{111}^{(00)}
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&+2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{120}^{(22)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{111}^{(21)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(21)}\\
&-2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{111}^{(20)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(11)}m_{300}^{(22)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(11)}m_{201}^{(20)}\\
&+2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(11)} - 4m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{120}^{(20)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{111}^{(10)}\\
&-4m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{300}^{(20)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(10)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{111}^{(00)}\\
&+2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(22)}m_{300}^{(11)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(22)}m_{120}^{(00)} + m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(10)}m_{021}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(11)}m_{120}^{(22)} - m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(11)}m_{021}^{(20)} - m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(11)}\\
&+2m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{120}^{(21)} + m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{021}^{(10)} - m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(22)}m_{120}^{(11)}\\
&-2m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(00)}m_{021}^{(21)} - 2m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(21)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{021}^{(20)}\\
&+2m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(11)}m_{210}^{(22)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(11)}m_{111}^{(20)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(11)}\\
&+2m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{021}^{(10)} - 4m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{210}^{(21)} - 2m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(10)}\\
&-2m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{021}^{(00)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(22)}m_{210}^{(11)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(00)}m_{030}^{(21)}\\
&-2m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(10)}m_{030}^{(20)} - 2m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(20)}m_{030}^{(10)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(21)}m_{030}^{(00)}\\
&+2m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(00)}m_{111}^{(21)} + m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(10)}m_{201}^{(21)} - 2m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(10)}m_{111}^{(20)}\\
&-m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(11)}m_{300}^{(22)} - m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(11)}m_{201}^{(20)} - m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(20)}m_{201}^{(11)}\\
&-2m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(20)}m_{111}^{(10)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(21)}m_{300}^{(21)} + m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(21)}m_{201}^{(10)}\\
&+2m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(21)}m_{111}^{(00)} - m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(22)}m_{300}^{(11)} - 2m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(00)}m_{120}^{(21)}\\
&+2m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{120}^{(20)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(20)}m_{120}^{(10)} - 2m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(21)}m_{120}^{(00)}\\
&-m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(10)}m_{012}^{(21)} + m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(11)}m_{012}^{(20)} + m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(20)}m_{012}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{012}^{(10)} + 2m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{021}^{(21)} - 2m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{021}^{(20)}\\
&-2m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(11)} + 2m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{021}^{(10)} - m_{100}^{(20)}m_{001}^{(00)}m_{002}^{(10)}m_{030}^{(21)}\\
&+m_{100}^{(20)}m_{001}^{(00)}m_{002}^{(11)}m_{030}^{(20)} + m_{100}^{(20)}m_{001}^{(00)}m_{002}^{(20)}m_{030}^{(11)} - m_{100}^{(20)}m_{001}^{(00)}m_{002}^{(21)}m_{030}^{(10)}\\
&+2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(21)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(11)}m_{102}^{(20)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(11)}\\
&+2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{102}^{(10)} - 4m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(21)} + 4m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{111}^{(20)}\\
&+4m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(11)} - 4m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(10)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{120}^{(21)}\\
&-2m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(11)}m_{120}^{(20)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(11)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(21)}m_{120}^{(10)}\\
&-m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(21)} + m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(11)}m_{012}^{(20)} + m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(21)}m_{012}^{(10)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(00)}m_{012}^{(21)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(10)}m_{012}^{(20)}\\
&-2m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{012}^{(10)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{012}^{(00)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(00)}m_{021}^{(21)}\\
&+2m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(21)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{021}^{(20)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(11)}m_{111}^{(20)}\\
&-2m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(11)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{021}^{(10)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(10)}\\
&-2m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{021}^{(00)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(00)}m_{102}^{(21)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(10)}m_{102}^{(20)}\\
&+2m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(20)}m_{102}^{(10)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(21)}m_{102}^{(00)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(00)}m_{111}^{(21)}\\
&-2m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{111}^{(20)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(10)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(21)}m_{111}^{(00)}\\
&-m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(10)}m_{210}^{(21)} + m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(11)}m_{210}^{(20)} + m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(21)}m_{210}^{(10)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(21)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{021}^{(20)}\\
&-2m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(11)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(10)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{021}^{(21)}\\
&-2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{012}^{(11)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(21)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{021}^{(20)}\\
&+4m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{012}^{(10)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{111}^{(20)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{012}^{(00)}
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&+2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(11)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{021}^{(10)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(10)}\\
&-2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{021}^{(00)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(00)}m_{030}^{(21)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(00)}m_{021}^{(11)}\\
&-2m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(21)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{030}^{(20)} - 4m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(10)}\\
&+2m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{120}^{(20)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{021}^{(00)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(11)}\\
&-2m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(20)}m_{030}^{(10)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(10)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(21)}m_{030}^{(00)}\\
&+2m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(21)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{102}^{(11)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{111}^{(20)}\\
&-4m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{102}^{(10)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(11)}m_{102}^{(00)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{111}^{(10)}\\
&+2m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{111}^{(00)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{120}^{(21)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(11)}\\
&+2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(21)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{120}^{(20)} + 4m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(10)}\\
&-2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{210}^{(20)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{111}^{(00)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(11)}\\
&+2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(20)}m_{120}^{(10)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(10)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(21)}m_{120}^{(00)}\\
&-m_{100}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(21)} + m_{100}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{030}^{(20)} + m_{100}^{(20)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(22)}m_{200}^{(21)}m_{030}^{(10)} + 2m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{021}^{(11)} + 2m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(21)}\\
&-4m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{021}^{(10)} - 2m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{120}^{(20)} + 2m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{021}^{(00)}\\
&-2m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(11)} + 2m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(21)}m_{120}^{(10)} - 2m_{100}^{(20)}m_{001}^{(22)}m_{101}^{(00)}m_{030}^{(11)}\\
&+4m_{100}^{(20)}m_{001}^{(22)}m_{101}^{(10)}m_{030}^{(10)} - 2m_{100}^{(20)}m_{001}^{(22)}m_{101}^{(11)}m_{030}^{(00)} - 2m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(21)} + 4m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{111}^{(10)} + m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(11)}m_{210}^{(20)}\\
&-2m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(11)}m_{111}^{(00)} + m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(11)} - m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(21)}m_{210}^{(10)}\\
&+2m_{100}^{(20)}m_{001}^{(22)}m_{011}^{(00)}m_{120}^{(11)} - 4m_{100}^{(20)}m_{001}^{(22)}m_{011}^{(10)}m_{120}^{(10)} + 2m_{100}^{(20)}m_{001}^{(22)}m_{011}^{(11)}m_{120}^{(00)}\\
&+2(m_{100}^{(21)})^2m_{200}^{(10)}m_{021}^{(22)} + 2(m_{100}^{(21)})^2m_{200}^{(10)}m_{012}^{(21)} - 2(m_{100}^{(21)})^2m_{200}^{(11)}m_{012}^{(20)}\\
&-2(m_{100}^{(21)})^2m_{200}^{(20)}m_{021}^{(21)} - 2(m_{100}^{(21)})^2m_{200}^{(20)}m_{012}^{(11)} - 2(m_{100}^{(21)})^2m_{200}^{(21)}m_{021}^{(20)}\\
&+2(m_{100}^{(21)})^2m_{200}^{(21)}m_{012}^{(10)} + 2(m_{100}^{(21)})^2m_{200}^{(22)}m_{021}^{(10)} - 2(m_{100}^{(21)})^2m_{110}^{(10)}m_{111}^{(22)}\\
&-2(m_{100}^{(21)})^2m_{110}^{(10)}m_{102}^{(21)} + 2(m_{100}^{(21)})^2m_{110}^{(11)}m_{102}^{(20)} + 2(m_{100}^{(21)})^2m_{110}^{(20)}m_{111}^{(21)}\\
&+2(m_{100}^{(21)})^2m_{110}^{(20)}m_{102}^{(11)} + 2(m_{100}^{(21)})^2m_{110}^{(21)}m_{111}^{(20)} - 2(m_{100}^{(21)})^2m_{110}^{(21)}m_{102}^{(10)}\\
&-2(m_{100}^{(21)})^2m_{110}^{(22)}m_{111}^{(10)} - 2(m_{100}^{(21)})^2m_{101}^{(10)}m_{120}^{(22)} - 2(m_{100}^{(21)})^2m_{101}^{(10)}m_{111}^{(21)}\\
&+2(m_{100}^{(21)})^2m_{101}^{(11)}m_{111}^{(20)} + 2(m_{100}^{(21)})^2m_{101}^{(20)}m_{120}^{(21)} + 2(m_{100}^{(21)})^2m_{101}^{(20)}m_{111}^{(11)}\\
&+2(m_{100}^{(21)})^2m_{101}^{(21)}m_{120}^{(20)} - 2(m_{100}^{(21)})^2m_{101}^{(21)}m_{111}^{(10)} - 2(m_{100}^{(21)})^2m_{101}^{(22)}m_{120}^{(10)}\\
&+2(m_{100}^{(21)})^2m_{011}^{(10)}m_{210}^{(22)} + 2(m_{100}^{(21)})^2m_{011}^{(10)}m_{201}^{(21)} - 2(m_{100}^{(21)})^2m_{011}^{(11)}m_{201}^{(20)}\\
&-2(m_{100}^{(21)})^2m_{011}^{(20)}m_{210}^{(21)} - 2(m_{100}^{(21)})^2m_{011}^{(20)}m_{201}^{(11)} - 2(m_{100}^{(21)})^2m_{011}^{(21)}m_{210}^{(20)}\\
&+2(m_{100}^{(21)})^2m_{011}^{(21)}m_{201}^{(10)} + 2(m_{100}^{(21)})^2m_{011}^{(22)}m_{210}^{(10)} - m_{100}^{(21)}m_{100}^{(22)}m_{200}^{(10)}m_{030}^{(22)}\\
&-3m_{100}^{(21)}m_{100}^{(22)}m_{200}^{(10)}m_{021}^{(21)} + 3m_{100}^{(21)}m_{100}^{(22)}m_{200}^{(11)}m_{021}^{(20)} + m_{100}^{(21)}m_{100}^{(22)}m_{200}^{(20)}m_{030}^{(21)}\\
&+3m_{100}^{(21)}m_{100}^{(22)}m_{200}^{(20)}m_{021}^{(11)} + m_{100}^{(21)}m_{100}^{(22)}m_{200}^{(21)}m_{030}^{(20)} - 3m_{100}^{(21)}m_{100}^{(22)}m_{200}^{(21)}m_{021}^{(10)}\\
&-m_{100}^{(21)}m_{100}^{(22)}m_{200}^{(22)}m_{030}^{(10)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{120}^{(22)} + 4m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{111}^{(21)}\\
&-4m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(11)}m_{111}^{(20)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(20)}m_{120}^{(21)} - 4m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(20)}m_{111}^{(11)}\\
&-2m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(21)}m_{120}^{(20)} + 4m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(21)}m_{111}^{(10)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(22)}m_{120}^{(10)}\\
&+2m_{100}^{(21)}m_{100}^{(22)}m_{101}^{(10)}m_{120}^{(21)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{101}^{(11)}m_{120}^{(20)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{101}^{(20)}m_{120}^{(11)}\\
&+2m_{100}^{(21)}m_{100}^{(22)}m_{101}^{(21)}m_{120}^{(10)} - m_{100}^{(21)}m_{100}^{(22)}m_{020}^{(10)}m_{210}^{(22)} - m_{100}^{(21)}m_{100}^{(22)}m_{020}^{(10)}m_{201}^{(21)}\\
&+m_{100}^{(21)}m_{100}^{(22)}m_{020}^{(11)}m_{201}^{(20)} + m_{100}^{(21)}m_{100}^{(22)}m_{020}^{(20)}m_{210}^{(21)} + m_{100}^{(21)}m_{100}^{(22)}m_{020}^{(20)}m_{201}^{(11)}
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&+m_{100}^{(21)}m_{100}^{(22)}m_{020}^{(21)}m_{210}^{(20)} - m_{100}^{(21)}m_{100}^{(22)}m_{020}^{(21)}m_{201}^{(10)} - m_{100}^{(21)}m_{100}^{(22)}m_{020}^{(22)}m_{210}^{(10)}\\
&-2m_{100}^{(21)}m_{100}^{(22)}m_{011}^{(10)}m_{210}^{(21)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{011}^{(11)}m_{210}^{(20)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{011}^{(20)}m_{210}^{(11)}\\
&-2m_{100}^{(21)}m_{100}^{(22)}m_{011}^{(21)}m_{210}^{(10)} + m_{100}^{(21)}m_{010}^{(00)}m_{020}^{(10)}m_{102}^{(22)} - m_{100}^{(21)}m_{010}^{(00)}m_{020}^{(20)}m_{102}^{(21)}\\
&-m_{100}^{(21)}m_{010}^{(00)}m_{020}^{(21)}m_{102}^{(20)} + m_{100}^{(21)}m_{010}^{(00)}m_{020}^{(22)}m_{102}^{(10)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(10)}m_{111}^{(22)}\\
&+2m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(20)}m_{111}^{(21)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(21)}m_{111}^{(20)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(22)}m_{111}^{(10)}\\
&+m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(10)}m_{120}^{(22)} - m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(20)}m_{120}^{(21)} - m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(21)}m_{120}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(22)}m_{120}^{(10)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(10)}m_{012}^{(22)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(20)}m_{012}^{(21)}\\
&+2m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(21)}m_{012}^{(20)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(22)}m_{012}^{(10)} + 4m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(10)}m_{111}^{(22)}\\
&-4m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{111}^{(21)} - 4m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(20)} + 4m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(22)}m_{111}^{(10)}\\
&-2m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{210}^{(22)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(20)}m_{210}^{(21)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(21)}m_{210}^{(20)}\\
&-2m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(22)}m_{210}^{(10)} + 2m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(00)}m_{012}^{(22)} + m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(10)}m_{102}^{(22)}\\
&-m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(20)}m_{102}^{(21)} - 4m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(20)}m_{012}^{(20)} - m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(21)}m_{102}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(22)}m_{102}^{(10)} + 2m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(22)}m_{012}^{(00)} - 2m_{100}^{(21)}m_{010}^{(11)}m_{110}^{(00)}m_{102}^{(22)}\\
&+4m_{100}^{(21)}m_{010}^{(11)}m_{110}^{(20)}m_{102}^{(20)} - 2m_{100}^{(21)}m_{010}^{(11)}m_{110}^{(22)}m_{102}^{(00)} - 2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(00)}m_{111}^{(22)}\\
&-2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(10)}m_{201}^{(22)} + 2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{201}^{(21)} + 4m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{111}^{(20)}\\
&+2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(21)}m_{201}^{(20)} - 2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(22)}m_{201}^{(10)} - 2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(22)}m_{111}^{(00)}\\
&+2m_{100}^{(21)}m_{010}^{(11)}m_{011}^{(00)}m_{201}^{(22)} - 4m_{100}^{(21)}m_{010}^{(11)}m_{011}^{(20)}m_{201}^{(20)} + 2m_{100}^{(21)}m_{010}^{(11)}m_{011}^{(22)}m_{201}^{(00)}\\
&+m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(10)}m_{300}^{(22)} - m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(20)}m_{300}^{(21)} - m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(21)}m_{300}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(22)}m_{300}^{(10)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(10)}m_{021}^{(22)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(20)}m_{021}^{(21)}\\
&-2m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{021}^{(20)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(22)}m_{021}^{(10)} - 4m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{120}^{(22)}\\
&+4m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{120}^{(21)} + 4m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{120}^{(20)} - 4m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(22)}m_{120}^{(10)}\\
&-2m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(10)}m_{201}^{(22)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(20)}m_{201}^{(21)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(21)}m_{201}^{(20)}\\
&-2m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(22)}m_{201}^{(10)} + 4m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{210}^{(22)} - 4m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{210}^{(21)}\\
&-4m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(21)}m_{210}^{(20)} + 4m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(22)}m_{210}^{(10)} - 2m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(00)}m_{021}^{(22)}\\
&-2m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(00)}m_{012}^{(21)} - 2m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(10)}m_{111}^{(22)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(20)}\\
&+2m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{111}^{(21)} + 4m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{021}^{(20)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(10)}\\
&+2m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(20)} - 2m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(21)}m_{012}^{(00)} - 2m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(22)}m_{111}^{(10)}\\
&-2m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(22)}m_{021}^{(00)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(00)}m_{111}^{(22)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(00)}m_{102}^{(21)}\\
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&+2m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(21)}m_{102}^{(00)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(22)}m_{201}^{(10)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(22)}m_{111}^{(00)}\\
&+2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{120}^{(22)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{111}^{(21)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{210}^{(22)}\\
&-2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(20)} - 2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{210}^{(21)} - 4m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(20)}\\
&-2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(10)} - 2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(21)}m_{210}^{(20)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(00)}\\
&+2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(22)}m_{210}^{(10)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(22)}m_{120}^{(00)} - 2m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(00)}m_{111}^{(22)}\\
&-2m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(00)}m_{201}^{(21)} - 2m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(10)}m_{300}^{(22)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(20)}\\
&+2m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(20)}m_{300}^{(21)} + 4m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(20)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(10)}\\
&+2m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(21)}m_{300}^{(20)} - 2m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(00)} - 2m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(22)}m_{300}^{(10)}
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&-2m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(22)}m_{210}^{(00)} + 2m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(00)}m_{021}^{(21)} + m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{120}^{(22)}\\
&-2m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{021}^{(20)} - m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{120}^{(21)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(10)}\\
&-m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{120}^{(20)} + 2m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{021}^{(00)} + m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(22)}m_{120}^{(10)}\\
&-2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(00)}m_{111}^{(21)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{210}^{(22)} + 2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(20)}\\
&+2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{210}^{(21)} + 2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(10)} + 2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(21)}m_{210}^{(20)}\\
&-2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(00)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(22)}m_{210}^{(10)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(00)}m_{120}^{(21)}\\
&+2m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{120}^{(20)} + 2m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(10)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(21)}m_{120}^{(00)}\\
&+m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(10)}m_{300}^{(22)} - m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(20)}m_{300}^{(21)} - m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(21)}m_{300}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(22)}m_{300}^{(10)} + 2m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{210}^{(21)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(10)}m_{210}^{(20)}\\
&-2m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(10)} + 2m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(21)}m_{210}^{(00)} + m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(10)}m_{102}^{(21)}\\
&-m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(11)}m_{102}^{(20)} - m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(20)}m_{102}^{(11)} + m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(10)}\\
&-2m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(21)} + 2m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(11)}m_{111}^{(20)} + 2m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(11)}\\
&-2m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(10)} + m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(10)}m_{120}^{(21)} - m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(11)}m_{120}^{(20)}\\
&-m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(20)}m_{120}^{(11)} + m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(21)}m_{120}^{(10)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(10)}m_{012}^{(21)}\\
&-2m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(11)}m_{012}^{(20)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{012}^{(11)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(10)}\\
&-4m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(21)} + 4m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(11)}m_{102}^{(20)} + 4m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{102}^{(11)}\\
&-4m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(10)} + 4m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(21)} - 4m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(11)}m_{201}^{(20)}\\
&-4m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(11)} + 4m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(10)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{210}^{(21)}\\
&+2m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(11)}m_{210}^{(20)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(20)}m_{210}^{(11)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(21)}m_{210}^{(10)}\\
&-2m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(00)}m_{012}^{(21)} + m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{102}^{(21)} + 2m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(20)}\\
&-m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(11)}m_{102}^{(20)} - m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{102}^{(11)} + 2m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(10)}\\
&+m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(10)} - 2m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{012}^{(00)} + 2m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(00)}m_{102}^{(21)}\\
&-2m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(20)} - 2m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(10)} + 2m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(21)}m_{102}^{(00)}\\
&+2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{111}^{(21)} - 2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(21)} - 2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(10)}\\
&+2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(20)} + 2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{201}^{(11)} - 2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(00)}\\
&-2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(10)} + 2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{111}^{(21)} - 2m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(00)}m_{201}^{(21)}\\
&+2m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(20)} + 2m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(10)} - 2m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(21)}m_{201}^{(00)}\\
&+m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(10)}m_{300}^{(21)} - m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(11)}m_{300}^{(20)} - m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(20)}m_{300}^{(11)}\\
&+m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(21)}m_{300}^{(10)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(21)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(20)}\\
&+2m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{021}^{(11)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(10)} + 4m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(21)}\\
&-4m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(20)} - 4m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(11)} + 4m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(10)}\\
&-2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(21)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(20)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{201}^{(11)}\\
&-2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(10)} + 2m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(21)} + 2m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{012}^{(11)}\\
&-2m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(21)} - 2m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(20)} - 4m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(10)}\\
&+2m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(20)} + 2m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(11)}m_{012}^{(00)} + 2m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(11)}\\
&-2m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(10)} - 2m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(10)} + 2m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(00)}\\
&-2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(21)} - 2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{102}^{(11)} + 2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(21)}\\
&+2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(20)} + 4m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(10)} - 2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(20)}
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&-2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(11)}m_{102}^{(00)} - 2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(11)} + 2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(10)}\\
&+2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(10)} - 2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(00)} - 2m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(21)}\\
&-2m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(11)} + 2m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(21)} + 2m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(20)}\\
&+4m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(10)} - 2m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(20)} - 2m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(11)}m_{111}^{(00)}\\
&-2m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(11)} + 2m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(10)} + 2m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(10)}\\
&-2m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(00)} + 2m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(21)} + 2m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{201}^{(11)}\\
&-2m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(21)} - 2m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(20)} - 4m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(10)}\\
&+2m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(11)}m_{300}^{(20)} + 2m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(11)}m_{201}^{(00)} + 2m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(11)}\\
&-2m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(10)} - 2m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(10)} + 2m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(00)}\\
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&-m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(20)} - 2m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{021}^{(00)} - m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(20)}m_{120}^{(11)}\\
&+m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(10)} + 2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{111}^{(11)} - 2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(21)}\\
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&+2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(20)}m_{210}^{(11)} - 2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(10)} + 2m_{100}^{(21)}m_{001}^{(22)}m_{101}^{(00)}m_{120}^{(11)}\\
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&-m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(20)} - m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(20)}m_{300}^{(11)} + m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(10)}\\
&-2m_{100}^{(21)}m_{001}^{(22)}m_{011}^{(00)}m_{210}^{(11)} + 4m_{100}^{(21)}m_{001}^{(22)}m_{011}^{(10)}m_{210}^{(10)} - 2m_{100}^{(21)}m_{001}^{(22)}m_{011}^{(11)}m_{210}^{(00)}\\
&+(m_{100}^{(22)})^2m_{200}^{(10)}m_{030}^{(21)} - (m_{100}^{(22)})^2m_{200}^{(11)}m_{030}^{(20)} - (m_{100}^{(22)})^2m_{200}^{(20)}m_{030}^{(11)}\\
&+(m_{100}^{(22)})^2m_{200}^{(21)}m_{030}^{(10)} - 2(m_{100}^{(22)})^2m_{110}^{(10)}m_{120}^{(21)} + 2(m_{100}^{(22)})^2m_{110}^{(11)}m_{120}^{(20)}\\
&+2(m_{100}^{(22)})^2m_{110}^{(20)}m_{120}^{(11)} - 2(m_{100}^{(22)})^2m_{110}^{(21)}m_{120}^{(10)} + (m_{100}^{(22)})^2m_{020}^{(10)}m_{210}^{(21)}\\
&-(m_{100}^{(22)})^2m_{020}^{(11)}m_{210}^{(20)} - (m_{100}^{(22)})^2m_{020}^{(20)}m_{210}^{(11)} + (m_{100}^{(22)})^2m_{020}^{(21)}m_{210}^{(10)}\\
&-m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(10)}m_{102}^{(21)} + m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(11)}m_{102}^{(20)} + m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(20)}m_{102}^{(11)}\\
&-m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(21)}m_{102}^{(10)} + 2m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(10)}m_{111}^{(21)} - 2m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(11)}m_{111}^{(20)}\\
&-2m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(20)}m_{111}^{(11)} + 2m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(21)}m_{111}^{(10)} - m_{100}^{(22)}m_{010}^{(00)}m_{002}^{(10)}m_{120}^{(21)}\\
&+m_{100}^{(22)}m_{010}^{(00)}m_{002}^{(11)}m_{120}^{(20)} + m_{100}^{(22)}m_{010}^{(00)}m_{002}^{(20)}m_{120}^{(11)} - m_{100}^{(22)}m_{010}^{(00)}m_{002}^{(21)}m_{120}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(10)}m_{021}^{(22)} - m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(20)}m_{021}^{(21)} - m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(21)}m_{021}^{(20)}\\
&+m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(22)}m_{021}^{(10)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(10)}m_{111}^{(22)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(10)}m_{102}^{(21)}\\
&-2m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(11)}m_{102}^{(20)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(20)}m_{111}^{(21)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(20)}m_{102}^{(11)}\\
&+2m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(21)}m_{111}^{(20)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(21)}m_{102}^{(10)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(22)}m_{111}^{(10)}\\
&-2m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(10)}m_{111}^{(21)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(11)}m_{111}^{(20)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(20)}m_{111}^{(11)}\\
&-2m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(10)} + m_{100}^{(22)}m_{010}^{(10)}m_{020}^{(10)}m_{201}^{(22)} - m_{100}^{(22)}m_{010}^{(10)}m_{020}^{(20)}m_{201}^{(21)}\\
&-m_{100}^{(22)}m_{010}^{(10)}m_{020}^{(21)}m_{201}^{(20)} + m_{100}^{(22)}m_{010}^{(10)}m_{020}^{(22)}m_{201}^{(10)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(10)}m_{201}^{(21)}\\
&+2m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(11)}m_{201}^{(20)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(20)}m_{201}^{(11)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(21)}m_{201}^{(10)}\\
&+2m_{100}^{(22)}m_{010}^{(10)}m_{002}^{(10)}m_{210}^{(21)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{002}^{(11)}m_{210}^{(20)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{002}^{(20)}m_{210}^{(11)}\\
&+2m_{100}^{(22)}m_{010}^{(10)}m_{002}^{(21)}m_{210}^{(10)} - m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(00)}m_{021}^{(22)} - m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(10)}m_{102}^{(21)}\\
&+m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(11)}m_{102}^{(20)} + m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(20)}m_{102}^{(11)} + 2m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(20)}m_{021}^{(20)}\\
&-m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(21)}m_{102}^{(10)} - m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(22)}m_{021}^{(00)} + 2m_{100}^{(22)}m_{010}^{(11)}m_{110}^{(00)}m_{111}^{(22)}\\
&-4m_{100}^{(22)}m_{010}^{(11)}m_{110}^{(20)}m_{111}^{(20)} + 2m_{100}^{(22)}m_{010}^{(11)}m_{110}^{(22)}m_{111}^{(00)} + 2m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(10)}m_{201}^{(21)}
\end{aligned}
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\begin{aligned}
&-2m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(11)}m_{201}^{(20)} - 2m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(20)}m_{201}^{(11)} + 2m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(21)}m_{201}^{(10)}\\
&-m_{100}^{(22)}m_{010}^{(11)}m_{020}^{(00)}m_{201}^{(22)} + 2m_{100}^{(22)}m_{010}^{(11)}m_{020}^{(20)}m_{201}^{(20)} - m_{100}^{(22)}m_{010}^{(11)}m_{020}^{(22)}m_{201}^{(00)}\\
&-m_{100}^{(22)}m_{010}^{(11)}m_{002}^{(10)}m_{300}^{(21)} + m_{100}^{(22)}m_{010}^{(11)}m_{002}^{(11)}m_{300}^{(20)} + m_{100}^{(22)}m_{010}^{(11)}m_{002}^{(20)}m_{300}^{(11)}\\
&-m_{100}^{(22)}m_{010}^{(11)}m_{002}^{(21)}m_{300}^{(10)} - m_{100}^{(22)}m_{010}^{(20)}m_{200}^{(10)}m_{030}^{(22)} + m_{100}^{(22)}m_{010}^{(20)}m_{200}^{(20)}m_{030}^{(21)}\\
&+m_{100}^{(22)}m_{010}^{(20)}m_{200}^{(21)}m_{030}^{(20)} - m_{100}^{(22)}m_{010}^{(20)}m_{200}^{(22)}m_{030}^{(10)} + 2m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(10)}m_{120}^{(22)}\\
&-2m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(10)}m_{111}^{(21)} + 2m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(11)}m_{111}^{(20)} - 2m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(20)}m_{120}^{(21)}\\
&+2m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(20)}m_{111}^{(11)} - 2m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(21)}m_{120}^{(20)} - 2m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(21)}m_{111}^{(10)}\\
&+2m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(22)}m_{120}^{(10)} + 2m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(10)}m_{120}^{(21)} - 2m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(11)}m_{120}^{(20)}\\
&-2m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(20)}m_{120}^{(11)} + 2m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(21)}m_{120}^{(10)} - m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(10)}m_{210}^{(22)}\\
&+2m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(10)}m_{201}^{(21)} - 2m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(11)}m_{201}^{(20)} + m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(20)}m_{210}^{(21)}\\
&-2m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(20)}m_{201}^{(11)} + m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(21)}m_{210}^{(20)} + 2m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(21)}m_{201}^{(10)}\\
&-m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(22)}m_{210}^{(10)} - 2m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{210}^{(21)} + 2m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(11)}m_{210}^{(20)}\\
&+2m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(20)}m_{210}^{(11)} - 2m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(21)}m_{210}^{(10)} + m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(00)}m_{030}^{(22)}\\
&+m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(00)}m_{021}^{(21)} + 2m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(10)}m_{111}^{(21)} - m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(10)}m_{021}^{(20)}\\
&-2m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(11)}m_{111}^{(20)} - 2m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(20)}m_{111}^{(11)} - 2m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(20)}m_{030}^{(20)}\\
&-m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(20)}m_{021}^{(10)} + 2m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(10)} + m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(21)}m_{021}^{(00)}\\
&+m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(22)}m_{030}^{(00)} - 2m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(00)}m_{120}^{(22)} - 2m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(00)}m_{111}^{(21)}\\
&-2m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{201}^{(21)} + 2m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{111}^{(20)} + 2m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(11)}m_{201}^{(20)}\\
&+2m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(20)}m_{201}^{(11)} + 4m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(20)}m_{120}^{(20)} + 2m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(10)}\\
&-2m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(21)}m_{201}^{(10)} - 2m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(21)}m_{111}^{(00)} - 2m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(22)}m_{120}^{(00)}\\
&-2m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(10)}m_{210}^{(21)} + 2m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(11)}m_{210}^{(20)} + 2m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(20)}m_{210}^{(11)}\\
&-2m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(21)}m_{210}^{(10)} + m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(00)}m_{210}^{(22)} + m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(00)}m_{201}^{(21)}\\
&-m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(10)}m_{201}^{(20)} - 2m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(20)}m_{210}^{(20)} - m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(20)}m_{201}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(21)}m_{201}^{(00)} + m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(22)}m_{210}^{(00)} + 2m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(10)}m_{300}^{(21)}\\
&-2m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(11)}m_{300}^{(20)} - 2m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(20)}m_{300}^{(11)} + 2m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(21)}m_{300}^{(10)}\\
&-m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(00)}m_{030}^{(21)} - m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(10)}m_{120}^{(21)} + m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(10)}m_{030}^{(20)}\\
&+m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(11)}m_{120}^{(20)} + m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(20)}m_{120}^{(11)} + m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(20)}m_{030}^{(10)}\\
&-m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(21)}m_{120}^{(10)} - m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(21)}m_{030}^{(00)} + 2m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(00)}m_{120}^{(21)}\\
&+2m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(10)}m_{210}^{(21)} - 2m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(10)}m_{120}^{(20)} - 2m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(11)}m_{210}^{(20)}\\
&-2m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(20)}m_{210}^{(11)} - 2m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(20)}m_{120}^{(10)} + 2m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(21)}m_{210}^{(10)}\\
&+2m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(21)}m_{120}^{(00)} - m_{100}^{(22)}m_{010}^{(22)}m_{020}^{(00)}m_{210}^{(21)} - m_{100}^{(22)}m_{010}^{(22)}m_{020}^{(10)}m_{300}^{(21)}\\
&+m_{100}^{(22)}m_{010}^{(22)}m_{020}^{(10)}m_{210}^{(20)} + m_{100}^{(22)}m_{010}^{(22)}m_{020}^{(11)}m_{300}^{(20)} + m_{100}^{(22)}m_{010}^{(22)}m_{020}^{(20)}m_{300}^{(11)}\\
&+m_{100}^{(22)}m_{010}^{(22)}m_{020}^{(20)}m_{210}^{(10)} - m_{100}^{(22)}m_{010}^{(22)}m_{020}^{(21)}m_{300}^{(10)} - m_{100}^{(22)}m_{010}^{(22)}m_{020}^{(21)}m_{210}^{(00)}\\
&-m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(10)}m_{021}^{(21)} + m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(11)}m_{021}^{(20)} + m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(20)}m_{021}^{(11)}\\
&-m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(10)} + 2m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{111}^{(21)} - 2m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(11)}m_{111}^{(20)}\\
&-2m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(11)} + 2m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(10)} - m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(10)}m_{201}^{(21)}\\
&+m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(11)}m_{201}^{(20)} + m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(20)}m_{201}^{(11)} - m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(21)}m_{201}^{(10)}\\
&+m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(00)}m_{021}^{(21)} - m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(10)}m_{021}^{(20)} - m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(20)}m_{021}^{(10)}
\end{aligned}
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$$+m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(21)}m_{021}^{(00)} - 2m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(00)}m_{111}^{(21)} + 2m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(10)}m_{111}^{(20)}$$
$$+2m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(10)} - 2m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(21)}m_{111}^{(00)} + m_{100}^{(22)}m_{001}^{(11)}m_{020}^{(00)}m_{201}^{(21)}$$
$$-m_{100}^{(22)}m_{001}^{(11)}m_{020}^{(10)}m_{201}^{(20)} - m_{100}^{(22)}m_{001}^{(11)}m_{020}^{(20)}m_{201}^{(10)} + m_{100}^{(22)}m_{001}^{(11)}m_{020}^{(21)}m_{201}^{(00)}$$
$$+m_{100}^{(22)}m_{001}^{(20)}m_{200}^{(10)}m_{030}^{(21)} - m_{100}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{030}^{(20)} - m_{100}^{(22)}m_{001}^{(20)}m_{200}^{(20)}m_{030}^{(11)}$$
$$+m_{100}^{(22)}m_{001}^{(20)}m_{200}^{(21)}m_{030}^{(10)} - 2m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{120}^{(21)} + 2m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{120}^{(20)}$$
$$+2m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(11)} - 2m_{100}^{(22)}m_{001}^{(20)}m_{001}^{(21)}m_{120}^{(10)} + m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{210}^{(21)}$$
$$-m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(11)}m_{210}^{(20)} - m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(11)} + m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(21)}m_{210}^{(10)}$$
$$-m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(00)}m_{030}^{(21)} - m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(11)} + m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{030}^{(20)}$$
$$+2m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(10)} - m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{021}^{(00)} + m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(20)}m_{030}^{(10)}$$
$$-m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(21)}m_{030}^{(00)} + 2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{120}^{(21)} + 2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(11)}$$
$$-2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{120}^{(20)} - 4m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(10)} + 2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(11)}m_{111}^{(00)}$$
$$-2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(10)} + 2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(21)}m_{120}^{(00)} - m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{210}^{(21)}$$
$$-m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(11)} + m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(10)}m_{210}^{(20)} + 2m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(10)}$$
$$-m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(11)}m_{201}^{(00)} + m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(10)} - m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(21)}m_{210}^{(00)}$$
$$+m_{100}^{(22)}m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(11)} - 2m_{100}^{(22)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(10)} + m_{100}^{(22)}m_{001}^{(22)}m_{200}^{(11)}m_{030}^{(00)}$$
$$-2m_{100}^{(22)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(11)} + 4m_{100}^{(22)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(10)} - 2m_{100}^{(22)}m_{001}^{(22)}m_{110}^{(11)}m_{120}^{(00)}$$
$$+m_{100}^{(22)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(11)} - 2m_{100}^{(22)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(10)} + m_{100}^{(22)}m_{001}^{(22)}m_{020}^{(11)}m_{210}^{(00)}$$
$$-(m_{010}^{(00)})^2m_{020}^{(10)}m_{003}^{(22)} + (m_{010}^{(00)})^2m_{020}^{(20)}m_{003}^{(21)} + (m_{010}^{(00)})^2m_{020}^{(21)}m_{003}^{(20)}$$
$$-(m_{010}^{(00)})^2m_{020}^{(22)}m_{003}^{(10)} + 2(m_{010}^{(00)})^2m_{011}^{(10)}m_{012}^{(22)} - 2(m_{010}^{(00)})^2m_{011}^{(20)}m_{012}^{(21)}$$
$$-2(m_{010}^{(00)})^2m_{011}^{(21)}m_{012}^{(20)} + 2(m_{010}^{(00)})^2m_{011}^{(22)}m_{012}^{(10)} - (m_{010}^{(00)})^2m_{002}^{(10)}m_{021}^{(22)}$$
$$+(m_{010}^{(00)})^2m_{002}^{(20)}m_{021}^{(21)} + (m_{010}^{(00)})^2m_{002}^{(21)}m_{021}^{(20)} - (m_{010}^{(00)})^2m_{002}^{(22)}m_{021}^{(10)}$$
$$+2m_{010}^{(00)}m_{010}^{(10)}m_{110}^{(10)}m_{003}^{(22)} - 2m_{010}^{(00)}m_{010}^{(10)}m_{110}^{(20)}m_{003}^{(21)} - 2m_{010}^{(00)}m_{010}^{(10)}m_{110}^{(21)}m_{003}^{(20)}$$
$$+2m_{010}^{(00)}m_{010}^{(10)}m_{110}^{(22)}m_{003}^{(10)} - 2m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(22)}m_{012}^{(10)} + 2m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(20)}m_{012}^{(21)}$$
$$+2m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(21)}m_{012}^{(20)} - 2m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(22)}m_{012}^{(10)} + m_{010}^{(00)}m_{010}^{(10)}m_{020}^{(00)}m_{003}^{(22)}$$
$$-2m_{010}^{(00)}m_{010}^{(10)}m_{020}^{(20)}m_{003}^{(20)} + m_{010}^{(00)}m_{010}^{(10)}m_{020}^{(22)}m_{003}^{(00)} - 2m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(00)}m_{012}^{(22)}$$
$$-2m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(10)}m_{102}^{(22)} + 2m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(20)}m_{102}^{(21)} + 4m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(20)}m_{012}^{(20)}$$
$$+2m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{102}^{(20)} - 2m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(22)}m_{102}^{(10)} - 2m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(22)}m_{012}^{(00)}$$
$$+m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(00)}m_{021}^{(22)} + 2m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(10)}m_{111}^{(22)} - 2m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(20)}m_{111}^{(21)}$$
$$-2m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(20)}m_{021}^{(20)} - 2m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(21)}m_{111}^{(20)} + 2m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(22)}m_{111}^{(10)}$$
$$+m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(22)}m_{021}^{(00)} - m_{010}^{(00)}m_{010}^{(11)}m_{200}^{(10)}m_{003}^{(22)} + m_{010}^{(00)}m_{010}^{(11)}m_{200}^{(20)}m_{003}^{(21)}$$
$$+m_{010}^{(00)}m_{010}^{(11)}m_{200}^{(21)}m_{003}^{(20)} - m_{010}^{(00)}m_{010}^{(11)}m_{200}^{(22)}m_{003}^{(10)} + 2m_{010}^{(00)}m_{010}^{(11)}m_{101}^{(10)}m_{102}^{(22)}$$
$$-2m_{010}^{(00)}m_{010}^{(11)}m_{101}^{(20)}m_{102}^{(21)} - 2m_{010}^{(00)}m_{010}^{(11)}m_{101}^{(21)}m_{102}^{(20)} + 2m_{010}^{(00)}m_{010}^{(11)}m_{101}^{(22)}m_{102}^{(10)}$$
$$-m_{010}^{(00)}m_{010}^{(11)}m_{002}^{(10)}m_{201}^{(22)} + m_{010}^{(00)}m_{010}^{(11)}m_{002}^{(20)}m_{201}^{(21)} + m_{010}^{(00)}m_{010}^{(11)}m_{002}^{(21)}m_{201}^{(20)}$$
$$-m_{010}^{(00)}m_{010}^{(11)}m_{002}^{(22)}m_{201}^{(10)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(10)}m_{012}^{(22)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(21)}$$
$$+2m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{012}^{(20)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(22)}m_{012}^{(10)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(10)}m_{021}^{(22)}$$
$$-2m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(20)}m_{021}^{(21)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(21)}m_{021}^{(20)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(22)}m_{021}^{(10)}$$
$$-m_{010}^{(00)}m_{010}^{(20)}m_{020}^{(00)}m_{003}^{(21)} + 3m_{010}^{(00)}m_{010}^{(20)}m_{020}^{(10)}m_{102}^{(22)} + m_{010}^{(00)}m_{010}^{(20)}m_{020}^{(10)}m_{003}^{(20)}$$
$$-3m_{010}^{(00)}m_{010}^{(20)}m_{020}^{(20)}m_{102}^{(21)} + m_{010}^{(00)}m_{010}^{(20)}m_{020}^{(20)}m_{003}^{(10)} - 3m_{010}^{(00)}m_{010}^{(20)}m_{020}^{(21)}m_{102}^{(20)}$$

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\begin{aligned}
&-m_{010}^{(00)}m_{010}^{(20)}m_{020}^{(21)}m_{003}^{(00)} + 3m_{010}^{(00)}m_{010}^{(20)}m_{020}^{(22)}m_{102}^{(10)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(00)}m_{012}^{(21)}\\
&-4m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(22)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(10)}m_{012}^{(20)} + 4m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(21)}\\
&-2m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(20)}m_{012}^{(10)} + 4m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(20)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{012}^{(00)}\\
&-4m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(22)}m_{111}^{(10)} - m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(00)}m_{021}^{(21)} + m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(10)}m_{120}^{(22)}\\
&+m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(10)}m_{021}^{(20)} - m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(20)}m_{120}^{(21)} + m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(20)}m_{021}^{(10)}\\
&-m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{120}^{(20)} - m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{021}^{(00)} + m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(22)}m_{120}^{(10)}\\
&+2m_{010}^{(00)}m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(22)} - 2m_{010}^{(00)}m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(21)} - 2m_{010}^{(00)}m_{010}^{(21)}m_{200}^{(21)}m_{012}^{(20)}\\
&+2m_{010}^{(00)}m_{010}^{(21)}m_{200}^{(22)}m_{012}^{(10)} - 2m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(10)}m_{102}^{(22)} + 2m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(21)}\\
&+2m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(21)}m_{102}^{(20)} - 2m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(22)}m_{102}^{(10)} - 2m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(22)}\\
&+2m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(21)} + 2m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(20)} - 2m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(22)}m_{111}^{(10)}\\
&-m_{010}^{(00)}m_{010}^{(21)}m_{020}^{(00)}m_{102}^{(22)} + 2m_{010}^{(00)}m_{010}^{(21)}m_{020}^{(20)}m_{102}^{(20)} - m_{010}^{(00)}m_{010}^{(21)}m_{020}^{(22)}m_{102}^{(00)}\\
&+2m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(00)}m_{111}^{(22)} + 2m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(22)} - 2m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(21)}\\
&-4m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{111}^{(20)} - 2m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(20)} + 2m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{201}^{(10)}\\
&+2m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{111}^{(00)} - m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(00)}m_{120}^{(22)} + 2m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(20)}m_{120}^{(20)}\\
&-m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(22)}m_{120}^{(00)} - m_{010}^{(00)}m_{010}^{(22)}m_{200}^{(10)}m_{021}^{(22)} + m_{010}^{(00)}m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(21)}\\
&+m_{010}^{(00)}m_{010}^{(22)}m_{200}^{(21)}m_{021}^{(20)} - m_{010}^{(00)}m_{010}^{(22)}m_{200}^{(22)}m_{021}^{(10)} + 2m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(22)}\\
&-2m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(21)} - 2m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(20)} + 2m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(22)}m_{111}^{(10)}\\
&+m_{010}^{(00)}m_{010}^{(22)}m_{020}^{(00)}m_{102}^{(21)} - m_{010}^{(00)}m_{010}^{(22)}m_{020}^{(10)}m_{201}^{(22)} - m_{010}^{(00)}m_{010}^{(22)}m_{020}^{(10)}m_{102}^{(20)}\\
&+m_{010}^{(00)}m_{010}^{(22)}m_{020}^{(20)}m_{201}^{(21)} - m_{010}^{(00)}m_{010}^{(22)}m_{020}^{(20)}m_{102}^{(10)} + m_{010}^{(00)}m_{010}^{(22)}m_{020}^{(21)}m_{201}^{(20)}\\
&+m_{010}^{(00)}m_{010}^{(22)}m_{020}^{(21)}m_{102}^{(00)} - m_{010}^{(00)}m_{010}^{(22)}m_{020}^{(22)}m_{201}^{(10)} - 2m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(00)}m_{111}^{(21)}\\
&+2m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(10)}m_{111}^{(20)} + 2m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(20)}m_{111}^{(10)} - 2m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{111}^{(00)}\\
&+m_{010}^{(00)}m_{010}^{(22)}m_{002}^{(00)}m_{120}^{(21)} - m_{010}^{(00)}m_{010}^{(22)}m_{002}^{(10)}m_{120}^{(20)} - m_{010}^{(00)}m_{010}^{(22)}m_{002}^{(20)}m_{120}^{(10)}\\
&+m_{010}^{(00)}m_{010}^{(22)}m_{002}^{(21)}m_{120}^{(00)} + m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(10)}m_{012}^{(22)} + m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(10)}m_{003}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(11)}m_{003}^{(20)} - m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(20)}m_{012}^{(21)} - m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(20)}m_{003}^{(11)}\\
&-m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(21)}m_{012}^{(20)} + m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(21)}m_{003}^{(10)} + m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(22)}m_{012}^{(10)}\\
&-2m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(10)}m_{021}^{(22)} - 2m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(21)} + 2m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(11)}m_{012}^{(20)}\\
&+2m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(21)} + 2m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(20)}m_{012}^{(11)} + 2m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(21)}m_{021}^{(20)}\\
&-2m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(21)}m_{012}^{(10)} - 2m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(22)}m_{021}^{(10)} + m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(10)}m_{030}^{(22)}\\
&+m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(10)}m_{021}^{(21)} - m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(11)}m_{021}^{(20)} - m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(20)}m_{030}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(20)}m_{021}^{(11)} - m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(21)}m_{030}^{(20)} + m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(21)}m_{021}^{(10)}\\
&+m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(22)}m_{030}^{(10)} - 2m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(22)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(21)}\\
&+2m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(20)} - 2m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{012}^{(10)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(22)}\\
&-2m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(21)} - 2m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(20)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(22)}m_{021}^{(10)}\\
&-m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(00)}m_{003}^{(21)} + m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(10)}m_{003}^{(20)} + m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{003}^{(10)}\\
&-m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{003}^{(00)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(00)}m_{012}^{(21)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{012}^{(22)}\\
&+2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(22)} - 2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{012}^{(21)} - 2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(21)}\\
&-2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(20)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{012}^{(00)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{111}^{(10)}\\
&-m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(00)}m_{021}^{(21)} - 2m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{120}^{(22)} + m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{021}^{(20)}
\end{aligned}
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\begin{aligned}
&+2m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(21)}+m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(20)}m_{021}^{(10)}+2m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{120}^{(20)}\\
&-m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{021}^{(00)}-2m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(22)}m_{120}^{(10)}+m_{010}^{(00)}m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(22)}\\
&-m_{010}^{(00)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(21)}-m_{010}^{(00)}m_{001}^{(11)}m_{200}^{(21)}m_{012}^{(20)}+m_{010}^{(00)}m_{001}^{(11)}m_{200}^{(22)}m_{012}^{(10)}\\
&-2m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(22)}+2m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(21)}+2m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(20)}\\
&-2m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(22)}m_{111}^{(10)}+m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(10)}m_{210}^{(22)}-m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{210}^{(20)}+m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(22)}m_{210}^{(10)}+2m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(22)}\\
&-2m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(21)}-2m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(20)}+2m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(22)}m_{021}^{(10)}\\
&-2m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(22)}+2m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(21)}+2m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{030}^{(20)}\\
&-2m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(22)}m_{030}^{(10)}+m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(00)}m_{003}^{(11)}-2m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(22)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(21)}-2m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{003}^{(10)}+m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{102}^{(20)}\\
&+m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{003}^{(00)}+2m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(21)}+m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{102}^{(11)}\\
&+2m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(20)}-m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{102}^{(10)}-2m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(22)}m_{111}^{(10)}\\
&-2m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(00)}m_{012}^{(11)}+2m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(22)}+2m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(21)}\\
&+4m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{012}^{(10)}-2m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{111}^{(20)}-2m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{012}^{(00)}\\
&-2m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(21)}-2m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{111}^{(11)}-2m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(20)}\\
&+2m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{111}^{(10)}+2m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(22)}m_{120}^{(10)}+m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(00)}m_{021}^{(11)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(10)}m_{120}^{(21)}-2m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(10)}m_{021}^{(10)}+m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(11)}m_{120}^{(20)}\\
&+m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(11)}m_{021}^{(00)}+m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(20)}m_{120}^{(11)}-m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(21)}m_{120}^{(10)}\\
&-2m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(22)}+2m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(21)}+2m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(20)}\\
&-2m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(22)}m_{021}^{(10)}+2m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(22)}-2m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(21)}\\
&-2m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(20)}+2m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(22)}m_{111}^{(10)}+2m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(22)}\\
&-2m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(21)}-2m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(20)}+2m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(22)}m_{120}^{(10)}\\
&+m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(00)}m_{102}^{(21)}-m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{102}^{(20)}-m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{102}^{(10)}\\
&+m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{102}^{(00)}-2m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(21)}-2m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(22)}\\
&+2m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(20)}+2m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(21)}+2m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{111}^{(10)}\\
&+2m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(20)}-2m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{111}^{(00)}-2m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(22)}m_{210}^{(10)}\\
&+m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(00)}m_{120}^{(21)}-m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(10)}m_{120}^{(20)}-m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(20)}m_{120}^{(10)}\\
&+m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(21)}m_{120}^{(00)}+m_{010}^{(00)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(22)}-m_{010}^{(00)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(22)}m_{200}^{(21)}m_{030}^{(20)}+m_{010}^{(00)}m_{001}^{(22)}m_{200}^{(22)}m_{030}^{(10)}-2m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(22)}\\
&+2m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(21)}+2m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(21)}m_{120}^{(20)}-2m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(22)}m_{120}^{(10)}\\
&-m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(00)}m_{102}^{(11)}+m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(10)}m_{102}^{(22)}+2m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(10)}m_{102}^{(10)}\\
&-m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(11)}m_{102}^{(00)}-m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(21)}-m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(21)}m_{210}^{(20)}\\
&+m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(22)}m_{210}^{(10)}+2m_{010}^{(00)}m_{001}^{(22)}m_{011}^{(00)}m_{111}^{(11)}-4m_{010}^{(00)}m_{001}^{(22)}m_{011}^{(10)}m_{111}^{(10)}\\
&+2m_{010}^{(00)}m_{001}^{(22)}m_{011}^{(11)}m_{111}^{(00)}-m_{010}^{(00)}m_{001}^{(22)}m_{002}^{(00)}m_{120}^{(11)}+2m_{010}^{(00)}m_{001}^{(22)}m_{002}^{(10)}m_{120}^{(10)}\\
&-m_{010}^{(00)}m_{001}^{(22)}m_{002}^{(11)}m_{120}^{(00)}-2(m_{010}^{(10)})^2m_{110}^{(00)}m_{003}^{(22)}+4(m_{010}^{(10)})^2m_{110}^{(20)}m_{003}^{(20)}\\
&-2(m_{010}^{(10)})^2m_{110}^{(22)}m_{003}^{(00)}+2(m_{010}^{(10)})^2m_{101}^{(00)}m_{012}^{(22)}-4(m_{010}^{(10)})^2m_{101}^{(20)}m_{012}^{(20)}\\
&+2(m_{010}^{(10)})^2m_{101}^{(22)}m_{012}^{(00)}+2(m_{010}^{(10)})^2m_{011}^{(00)}m_{102}^{(22)}-4(m_{010}^{(10)})^2m_{011}^{(20)}m_{102}^{(20)}\\
&+2(m_{010}^{(10)})^2m_{011}^{(22)}m_{102}^{(00)}-2(m_{010}^{(10)})^2m_{002}^{(00)}m_{111}^{(22)}+4(m_{010}^{(10)})^2m_{002}^{(20)}m_{111}^{(20)}
\end{aligned}
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\begin{aligned}
&-2(m_{010}^{(10)})^2 m_{002}^{(22)} m_{111}^{(00)} + m_{010}^{(10)} m_{010}^{(11)} m_{200}^{(00)} m_{003}^{(22)} - 2m_{010}^{(10)} m_{010}^{(11)} m_{200}^{(20)} m_{003}^{(20)} \\
&+m_{010}^{(10)} m_{010}^{(11)} m_{200}^{(22)} m_{003}^{(00)} - 2m_{010}^{(10)} m_{010}^{(11)} m_{101}^{(00)} m_{102}^{(22)} + 4m_{010}^{(10)} m_{010}^{(11)} m_{101}^{(20)} m_{102}^{(20)} \\
&-2m_{010}^{(10)} m_{010}^{(11)} m_{101}^{(22)} m_{102}^{(00)} + m_{010}^{(10)} m_{010}^{(11)} m_{002}^{(00)} m_{201}^{(22)} - 2m_{010}^{(10)} m_{010}^{(11)} m_{002}^{(20)} m_{201}^{(20)} \\
&+m_{010}^{(10)} m_{010}^{(11)} m_{002}^{(22)} m_{201}^{(00)} + 2m_{010}^{(10)} m_{010}^{(20)} m_{110}^{(00)} m_{012}^{(22)} + 2m_{010}^{(10)} m_{010}^{(20)} m_{110}^{(00)} m_{003}^{(21)} \\
&-2m_{010}^{(10)} m_{010}^{(20)} m_{110}^{(10)} m_{102}^{(22)} - 2m_{010}^{(10)} m_{010}^{(20)} m_{110}^{(10)} m_{003}^{(20)} + 2m_{010}^{(10)} m_{010}^{(20)} m_{110}^{(20)} m_{102}^{(21)} \\
&-4m_{010}^{(10)} m_{010}^{(20)} m_{110}^{(20)} m_{012}^{(20)} - 2m_{010}^{(10)} m_{010}^{(20)} m_{110}^{(20)} m_{003}^{(10)} + 2m_{010}^{(10)} m_{010}^{(20)} m_{110}^{(21)} m_{102}^{(20)} \\
&+2m_{010}^{(10)} m_{010}^{(20)} m_{110}^{(21)} m_{003}^{(00)} - 2m_{010}^{(10)} m_{010}^{(20)} m_{110}^{(22)} m_{102}^{(10)} + 2m_{010}^{(10)} m_{010}^{(20)} m_{110}^{(22)} m_{012}^{(00)} \\
&-2m_{010}^{(10)} m_{010}^{(20)} m_{101}^{(00)} m_{021}^{(22)} - 2m_{010}^{(10)} m_{010}^{(20)} m_{101}^{(00)} m_{012}^{(21)} + 2m_{010}^{(10)} m_{010}^{(20)} m_{101}^{(10)} m_{111}^{(22)} \\
&+2m_{010}^{(10)} m_{010}^{(20)} m_{101}^{(10)} m_{012}^{(20)} - 2m_{010}^{(10)} m_{010}^{(20)} m_{101}^{(20)} m_{111}^{(21)} + 4m_{010}^{(10)} m_{010}^{(20)} m_{101}^{(20)} m_{021}^{(20)} \\
&+2m_{010}^{(10)} m_{010}^{(20)} m_{101}^{(20)} m_{012}^{(10)} - 2m_{010}^{(10)} m_{010}^{(20)} m_{101}^{(21)} m_{111}^{(20)} - 2m_{010}^{(10)} m_{010}^{(20)} m_{101}^{(21)} m_{012}^{(00)} \\
&+2m_{010}^{(10)} m_{010}^{(20)} m_{101}^{(22)} m_{111}^{(10)} - 2m_{010}^{(10)} m_{010}^{(20)} m_{101}^{(22)} m_{021}^{(00)} - 2m_{010}^{(10)} m_{010}^{(20)} m_{020}^{(00)} m_{102}^{(22)} \\
&+4m_{010}^{(10)} m_{010}^{(20)} m_{020}^{(20)} m_{102}^{(20)} - 2m_{010}^{(10)} m_{010}^{(20)} m_{020}^{(22)} m_{102}^{(00)} + 2m_{010}^{(10)} m_{010}^{(20)} m_{011}^{(00)} m_{111}^{(22)} \\
&-2m_{010}^{(10)} m_{010}^{(20)} m_{011}^{(00)} m_{102}^{(21)} + 2m_{010}^{(10)} m_{010}^{(20)} m_{011}^{(10)} m_{201}^{(22)} + 2m_{010}^{(10)} m_{010}^{(20)} m_{011}^{(10)} m_{102}^{(20)} \\
&-2m_{010}^{(10)} m_{010}^{(20)} m_{011}^{(20)} m_{201}^{(21)} - 4m_{010}^{(10)} m_{010}^{(20)} m_{011}^{(20)} m_{111}^{(20)} + 2m_{010}^{(10)} m_{010}^{(20)} m_{011}^{(20)} m_{102}^{(10)} \\
&-2m_{010}^{(10)} m_{010}^{(20)} m_{011}^{(21)} m_{201}^{(20)} - 2m_{010}^{(10)} m_{010}^{(20)} m_{011}^{(21)} m_{102}^{(00)} + 2m_{010}^{(10)} m_{010}^{(20)} m_{011}^{(22)} m_{201}^{(10)} \\
&+2m_{010}^{(10)} m_{010}^{(20)} m_{011}^{(22)} m_{111}^{(00)} + 2m_{010}^{(10)} m_{010}^{(20)} m_{002}^{(00)} m_{111}^{(21)} - 2m_{010}^{(10)} m_{010}^{(20)} m_{002}^{(10)} m_{210}^{(22)} \\
&-2m_{010}^{(10)} m_{010}^{(20)} m_{002}^{(10)} m_{111}^{(20)} + 2m_{010}^{(10)} m_{010}^{(20)} m_{002}^{(20)} m_{210}^{(21)} - 2m_{010}^{(10)} m_{010}^{(20)} m_{002}^{(20)} m_{111}^{(10)} \\
&+2m_{010}^{(10)} m_{010}^{(20)} m_{002}^{(21)} m_{210}^{(20)} + 2m_{010}^{(10)} m_{010}^{(20)} m_{002}^{(21)} m_{111}^{(00)} - 2m_{010}^{(10)} m_{010}^{(20)} m_{002}^{(22)} m_{210}^{(10)} \\
&-2m_{010}^{(10)} m_{010}^{(21)} m_{200}^{(00)} m_{012}^{(22)} + 4m_{010}^{(10)} m_{010}^{(21)} m_{200}^{(20)} m_{012}^{(20)} - 2m_{010}^{(10)} m_{010}^{(21)} m_{200}^{(22)} m_{012}^{(00)} \\
&+4m_{010}^{(10)} m_{010}^{(21)} m_{110}^{(00)} m_{102}^{(22)} - 8m_{010}^{(10)} m_{010}^{(21)} m_{110}^{(20)} m_{102}^{(20)} + 4m_{010}^{(10)} m_{010}^{(21)} m_{110}^{(22)} m_{102}^{(00)} \\
&-4m_{010}^{(10)} m_{010}^{(21)} m_{011}^{(00)} m_{201}^{(22)} + 8m_{010}^{(10)} m_{010}^{(21)} m_{011}^{(20)} m_{201}^{(20)} - 4m_{010}^{(10)} m_{010}^{(21)} m_{011}^{(22)} m_{201}^{(00)} \\
&+2m_{010}^{(10)} m_{010}^{(21)} m_{002}^{(00)} m_{210}^{(22)} - 4m_{010}^{(10)} m_{010}^{(21)} m_{002}^{(20)} m_{210}^{(20)} + 2m_{010}^{(10)} m_{010}^{(21)} m_{002}^{(22)} m_{210}^{(00)} \\
&+m_{010}^{(10)} m_{010}^{(22)} m_{200}^{(00)} m_{021}^{(22)} - 2m_{010}^{(10)} m_{010}^{(22)} m_{200}^{(20)} m_{021}^{(20)} + m_{010}^{(10)} m_{010}^{(22)} m_{200}^{(22)} m_{021}^{(00)} \\
&-2m_{010}^{(10)} m_{010}^{(22)} m_{110}^{(00)} m_{111}^{(22)} - 2m_{010}^{(10)} m_{010}^{(22)} m_{110}^{(00)} m_{102}^{(21)} + 2m_{010}^{(10)} m_{010}^{(22)} m_{110}^{(10)} m_{102}^{(20)} \\
&+4m_{010}^{(10)} m_{010}^{(22)} m_{110}^{(20)} m_{111}^{(20)} + 2m_{010}^{(10)} m_{010}^{(22)} m_{110}^{(20)} m_{102}^{(10)} - 2m_{010}^{(10)} m_{010}^{(22)} m_{110}^{(21)} m_{102}^{(00)} \\
&-2m_{010}^{(10)} m_{010}^{(22)} m_{110}^{(22)} m_{111}^{(00)} + 2m_{010}^{(10)} m_{010}^{(22)} m_{101}^{(00)} m_{111}^{(21)} - 2m_{010}^{(10)} m_{010}^{(22)} m_{101}^{(10)} m_{111}^{(20)} \\
&-2m_{010}^{(10)} m_{010}^{(22)} m_{101}^{(20)} m_{111}^{(10)} + 2m_{010}^{(10)} m_{010}^{(22)} m_{101}^{(21)} m_{111}^{(00)} + m_{010}^{(10)} m_{010}^{(22)} m_{020}^{(00)} m_{201}^{(22)} \\
&-2m_{010}^{(10)} m_{010}^{(22)} m_{020}^{(20)} m_{201}^{(20)} + m_{010}^{(10)} m_{010}^{(22)} m_{020}^{(22)} m_{201}^{(00)} + 2m_{010}^{(10)} m_{010}^{(22)} m_{011}^{(00)} m_{201}^{(21)} \\
&-2m_{010}^{(10)} m_{010}^{(22)} m_{011}^{(10)} m_{201}^{(20)} - 2m_{010}^{(10)} m_{010}^{(22)} m_{011}^{(20)} m_{201}^{(10)} + 2m_{010}^{(10)} m_{010}^{(22)} m_{011}^{(21)} m_{201}^{(00)} \\
&-2m_{010}^{(10)} m_{010}^{(22)} m_{002}^{(00)} m_{210}^{(21)} + 2m_{010}^{(10)} m_{010}^{(22)} m_{002}^{(10)} m_{210}^{(20)} + 2m_{010}^{(10)} m_{010}^{(22)} m_{002}^{(20)} m_{210}^{(10)} \\
&-2m_{010}^{(10)} m_{010}^{(22)} m_{002}^{(21)} m_{210}^{(00)} - 2m_{010}^{(10)} m_{001}^{(00)} m_{110}^{(10)} m_{003}^{(21)} + 2m_{010}^{(10)} m_{001}^{(00)} m_{110}^{(11)} m_{003}^{(20)} \\
&+2m_{010}^{(10)} m_{001}^{(00)} m_{110}^{(20)} m_{003}^{(11)} - 2m_{010}^{(10)} m_{001}^{(00)} m_{110}^{(21)} m_{003}^{(10)} + 2m_{010}^{(10)} m_{001}^{(00)} m_{101}^{(10)} m_{012}^{(21)} \\
&-2m_{010}^{(10)} m_{001}^{(00)} m_{101}^{(11)} m_{012}^{(20)} - 2m_{010}^{(10)} m_{001}^{(00)} m_{101}^{(20)} m_{012}^{(11)} + 2m_{010}^{(10)} m_{001}^{(00)} m_{101}^{(21)} m_{012}^{(10)} \\
&-m_{010}^{(10)} m_{001}^{(00)} m_{020}^{(00)} m_{012}^{(22)} - m_{010}^{(10)} m_{001}^{(00)} m_{020}^{(10)} m_{102}^{(22)} + m_{010}^{(10)} m_{001}^{(00)} m_{020}^{(20)} m_{102}^{(21)} \\
&+2m_{010}^{(10)} m_{001}^{(00)} m_{020}^{(20)} m_{012}^{(20)} + m_{010}^{(10)} m_{001}^{(00)} m_{020}^{(21)} m_{102}^{(20)} - m_{010}^{(10)} m_{001}^{(00)} m_{020}^{(22)} m_{102}^{(10)} \\
&-m_{010}^{(10)} m_{001}^{(00)} m_{020}^{(22)} m_{012}^{(00)} + 2m_{010}^{(10)} m_{001}^{(00)} m_{011}^{(00)} m_{021}^{(22)} + 2m_{010}^{(10)} m_{001}^{(00)} m_{011}^{(10)} m_{111}^{(22)} \\
&+2m_{010}^{(10)} m_{001}^{(00)} m_{011}^{(10)} m_{102}^{(21)} - 2m_{010}^{(10)} m_{001}^{(00)} m_{011}^{(11)} m_{102}^{(20)} - 2m_{010}^{(10)} m_{001}^{(00)} m_{011}^{(20)} m_{111}^{(21)} \\
&-2m_{010}^{(10)} m_{001}^{(00)} m_{011}^{(20)} m_{102}^{(11)} - 4m_{010}^{(10)} m_{001}^{(00)} m_{011}^{(20)} m_{021}^{(20)} - 2m_{010}^{(10)} m_{001}^{(00)} m_{011}^{(21)} m_{111}^{(20)}
\end{aligned}
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\begin{aligned}
&+2m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{102}^{(10)}+2m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(22)}m_{111}^{(10)}+2m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(22)}m_{021}^{(00)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(00)}m_{030}^{(22)}-m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{120}^{(22)}-2m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{111}^{(21)}\\
&+2m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(11)}m_{111}^{(20)}+m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(20)}m_{120}^{(21)}+2m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(20)}m_{111}^{(11)}\\
&+2m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(20)}m_{030}^{(20)}+m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{120}^{(20)}-2m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{111}^{(10)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(22)}m_{120}^{(10)}-m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(22)}m_{030}^{(00)}+2m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(00)}m_{012}^{(22)}\\
&+2m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(00)}m_{003}^{(21)}+2m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(22)}-2m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(10)}m_{003}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{102}^{(21)}-4m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(20)}-2m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{003}^{(10)}\\
&-2m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(20)}+2m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{003}^{(00)}+2m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{102}^{(10)}\\
&+2m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{012}^{(00)}-2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(00)}m_{021}^{(22)}-2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(00)}m_{012}^{(21)}\\
&-2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(22)}+2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(20)}+2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(21)}\\
&+4m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(20)}+2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{012}^{(10)}+2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{012}^{(00)}-2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{111}^{(10)}-2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{021}^{(00)}\\
&-2m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{111}^{(22)}-2m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{102}^{(21)}-2m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(22)}\\
&+2m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(20)}+2m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(21)}+4m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(20)}\\
&+2m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{102}^{(10)}+2m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(20)}-2m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{102}^{(00)}\\
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&+2m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(00)}m_{111}^{(21)}+2m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{210}^{(22)}-2m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{210}^{(21)}-4m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(20)}-2m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{111}^{(10)}\\
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&-2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(20)}+2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{201}^{(10)}+2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{111}^{(00)}\\
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&+2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{102}^{(10)}-2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{111}^{(10)}-2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{021}^{(00)}\\
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&-2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(21)}-4m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{012}^{(10)}+2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(20)}\\
&+2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{012}^{(00)}-2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(21)}+2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{111}^{(11)}\\
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&+2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(22)}m_{120}^{(10)}+2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(22)}m_{030}^{(00)}+2m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(22)}\\
&+2m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(22)}-2m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{201}^{(21)}-4m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(20)}+2m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(22)}m_{201}^{(10)}+2m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(22)}m_{111}^{(00)}
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&-2m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(22)} + 2m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{102}^{(11)} - 2m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(22)}\\
&-2m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(21)} - 4m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{102}^{(10)} + 2m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{201}^{(20)}\\
&+2m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{102}^{(00)} + 2m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(21)} + 2m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{201}^{(11)}\\
&+4m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(20)} + 2m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(20)} - 2m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{201}^{(10)}\\
&-2m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(22)}m_{210}^{(10)} - 2m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(22)}m_{120}^{(00)} - 2m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(00)}m_{111}^{(11)}\\
&+2m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{210}^{(21)} + 4m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{111}^{(10)} - 2m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(11)}m_{210}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(11)}m_{111}^{(00)} - 2m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(20)}m_{210}^{(11)} + 2m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(21)}m_{210}^{(10)}\\
&+2m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(22)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(22)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(21)}\\
&-4m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(20)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(20)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(22)}m_{111}^{(10)}\\
&+2m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(22)}m_{021}^{(00)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(22)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{102}^{(21)}\\
&-2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(22)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(20)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(21)}\\
&+4m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(20)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{102}^{(10)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{102}^{(00)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(22)}m_{201}^{(10)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{111}^{(00)}\\
&-2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(22)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(21)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(22)}\\
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&-2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{111}^{(10)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(20)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{111}^{(00)}\\
&-2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(22)}m_{210}^{(10)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(22)}m_{120}^{(00)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(22)}\\
&+2m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{201}^{(21)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(22)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(21)} - 4m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(20)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{201}^{(10)}\\
&-2m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(20)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{201}^{(00)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(22)}m_{300}^{(10)}\\
&+2m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(22)}m_{210}^{(00)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(00)}m_{210}^{(21)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{210}^{(20)}\\
&+2m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(20)}m_{210}^{(10)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(21)}m_{210}^{(00)} - m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(22)}\\
&-m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(22)} + m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(20)}m_{120}^{(21)} + 2m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(20)} - m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(22)}m_{120}^{(10)} - m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(22)}m_{030}^{(00)}\\
&+2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(22)} + 2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{102}^{(11)} + 2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(22)}\\
&-4m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{102}^{(10)} + 2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{102}^{(00)} - 2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{210}^{(21)}\\
&-4m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(20)} - 2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(20)} + 2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(22)}m_{210}^{(10)}\\
&+2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(22)}m_{120}^{(00)} - 2m_{010}^{(10)}m_{001}^{(22)}m_{101}^{(00)}m_{111}^{(11)} + 4m_{010}^{(10)}m_{001}^{(22)}m_{101}^{(10)}m_{111}^{(10)}\\
&-2m_{010}^{(10)}m_{001}^{(22)}m_{101}^{(11)}m_{111}^{(00)} - m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(22)} - m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(22)}\\
&+m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{300}^{(21)} + 2m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(20)} + m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(22)}m_{300}^{(10)} - m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(22)}m_{210}^{(00)} - 2m_{010}^{(10)}m_{001}^{(22)}m_{011}^{(00)}m_{201}^{(11)}\\
&+4m_{010}^{(10)}m_{001}^{(22)}m_{011}^{(10)}m_{201}^{(10)} - 2m_{010}^{(10)}m_{001}^{(22)}m_{011}^{(11)}m_{201}^{(00)} + 2m_{010}^{(10)}m_{001}^{(22)}m_{002}^{(00)}m_{210}^{(11)}\\
&-4m_{010}^{(10)}m_{001}^{(22)}m_{002}^{(10)}m_{210}^{(10)} + 2m_{010}^{(10)}m_{001}^{(22)}m_{002}^{(11)}m_{210}^{(00)} - m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(00)}m_{003}^{(21)}\\
&+m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(10)}m_{102}^{(22)} + m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(10)}m_{003}^{(20)} - m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(20)}m_{102}^{(21)}\\
&+m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(20)}m_{003}^{(10)} - m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(21)}m_{102}^{(20)} - m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(21)}m_{003}^{(00)}\\
&+m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(22)}m_{102}^{(10)} + 2m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(00)}m_{102}^{(21)} - 2m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(10)}m_{201}^{(22)}\\
&-2m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(10)}m_{102}^{(20)} + 2m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{201}^{(21)} - 2m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{102}^{(10)}\\
&+2m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(21)}m_{201}^{(20)} + 2m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(21)}m_{102}^{(00)} - 2m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(22)}m_{201}^{(10)}
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&-m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(00)}m_{201}^{(21)}+m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(10)}m_{300}^{(22)}+m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(10)}m_{201}^{(20)}\\
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&+2m_{010}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{102}^{(20)}-m_{010}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{102}^{(00)}+2m_{010}^{(11)}m_{010}^{(21)}m_{101}^{(00)}m_{201}^{(22)}\\
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&+2m_{010}^{(11)}m_{010}^{(21)}m_{002}^{(20)}m_{300}^{(20)}-m_{010}^{(11)}m_{010}^{(21)}m_{002}^{(22)}m_{300}^{(00)}+m_{010}^{(11)}m_{010}^{(22)}m_{200}^{(00)}m_{102}^{(21)}\\
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&+2m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{111}^{(00)}+2m_{010}^{(11)}m_{001}^{(10)}m_{011}^{(00)}m_{201}^{(22)}-4m_{010}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(20)}\\
&+2m_{010}^{(11)}m_{001}^{(10)}m_{011}^{(22)}m_{201}^{(00)}-2m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(00)}m_{210}^{(22)}-m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(00)}m_{201}^{(21)}\\
&+m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{201}^{(20)}+4m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{210}^{(20)}+m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{201}^{(10)}\\
&-m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(21)}m_{201}^{(00)}-2m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(22)}m_{210}^{(00)}+m_{010}^{(11)}m_{001}^{(11)}m_{200}^{(00)}m_{102}^{(22)}\\
&-2m_{010}^{(11)}m_{001}^{(11)}m_{200}^{(20)}m_{102}^{(20)}+m_{010}^{(11)}m_{001}^{(11)}m_{200}^{(22)}m_{102}^{(00)}-2m_{010}^{(11)}m_{001}^{(11)}m_{101}^{(00)}m_{201}^{(22)}\\
&+4m_{010}^{(11)}m_{001}^{(11)}m_{101}^{(20)}m_{201}^{(20)}-2m_{010}^{(11)}m_{001}^{(11)}m_{101}^{(22)}m_{201}^{(00)}+m_{010}^{(11)}m_{001}^{(11)}m_{002}^{(00)}m_{300}^{(22)}\\
&-2m_{010}^{(11)}m_{001}^{(11)}m_{002}^{(20)}m_{300}^{(20)}+m_{010}^{(11)}m_{001}^{(11)}m_{002}^{(22)}m_{300}^{(00)}+m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(00)}m_{003}^{(11)}\\
&-m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{102}^{(21)}-2m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{003}^{(10)}+m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(11)}m_{102}^{(20)}\\
&+m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(11)}m_{003}^{(00)}+m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{102}^{(11)}-m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{102}^{(10)}\\
&+2m_{010}^{(11)}m_{001}^{(20)}m_{110}^{(00)}m_{111}^{(22)}-4m_{010}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(20)}+2m_{010}^{(11)}m_{001}^{(20)}m_{110}^{(22)}m_{111}^{(00)}\\
&-2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{120}^{(22)}-2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{102}^{(11)}+2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{201}^{(21)}\\
&+4m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{102}^{(10)}-2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{201}^{(20)}-2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{102}^{(00)}\\
&-2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{201}^{(11)}+4m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(20)}+2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{201}^{(10)}\\
&-2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(22)}m_{120}^{(00)}-2m_{010}^{(11)}m_{001}^{(20)}m_{020}^{(00)}m_{201}^{(22)}+4m_{010}^{(11)}m_{001}^{(20)}m_{020}^{(20)}m_{201}^{(20)}\\
&-2m_{010}^{(11)}m_{001}^{(20)}m_{020}^{(22)}m_{201}^{(00)}+2m_{010}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{210}^{(22)}-4m_{010}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(20)}\\
&+2m_{010}^{(11)}m_{001}^{(20)}m_{011}^{(22)}m_{210}^{(00)}+m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(00)}m_{201}^{(11)}-m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(10)}m_{300}^{(21)}\\
&-2m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(10)}m_{201}^{(10)}+m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(11)}m_{300}^{(20)}+m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(11)}m_{201}^{(00)}
\end{aligned}
$$

$$+m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(20)}m_{300}^{(11)} - m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(21)}m_{300}^{(10)} - 2m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{111}^{(22)}$$
$$+m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{102}^{(21)} - m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{102}^{(20)} + 4m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(20)}$$
$$-m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{102}^{(10)} + m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{102}^{(00)} - 2m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(22)}m_{111}^{(00)}$$
$$+2m_{010}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{201}^{(22)} - 4m_{010}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(20)} + 2m_{010}^{(11)}m_{001}^{(21)}m_{110}^{(22)}m_{201}^{(00)}$$
$$+2m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{210}^{(22)} - 2m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{201}^{(21)} + 2m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{201}^{(20)}$$
$$-4m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(20)} + 2m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{201}^{(10)} - 2m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{201}^{(00)}$$
$$+2m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(22)}m_{210}^{(00)} - 2m_{010}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{300}^{(22)} + 4m_{010}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(20)}$$
$$-2m_{010}^{(11)}m_{001}^{(21)}m_{011}^{(22)}m_{300}^{(00)} + m_{010}^{(11)}m_{001}^{(21)}m_{002}^{(00)}m_{300}^{(21)} - m_{010}^{(11)}m_{001}^{(21)}m_{002}^{(10)}m_{300}^{(20)}$$
$$-m_{010}^{(11)}m_{001}^{(21)}m_{002}^{(20)}m_{300}^{(10)} + m_{010}^{(11)}m_{001}^{(21)}m_{002}^{(21)}m_{300}^{(00)} + m_{010}^{(11)}m_{001}^{(22)}m_{200}^{(00)}m_{120}^{(22)}$$
$$-m_{010}^{(11)}m_{001}^{(22)}m_{200}^{(00)}m_{102}^{(11)} + 2m_{010}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{102}^{(10)} - m_{010}^{(11)}m_{001}^{(22)}m_{200}^{(11)}m_{102}^{(00)}$$
$$-2m_{010}^{(11)}m_{001}^{(22)}m_{200}^{(20)}m_{120}^{(20)} + m_{010}^{(11)}m_{001}^{(22)}m_{200}^{(22)}m_{120}^{(00)} - 2m_{010}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{210}^{(22)}$$
$$+4m_{010}^{(11)}m_{001}^{(22)}m_{110}^{(20)}m_{210}^{(20)} - 2m_{010}^{(11)}m_{001}^{(22)}m_{110}^{(22)}m_{210}^{(00)} + 2m_{010}^{(11)}m_{001}^{(22)}m_{101}^{(00)}m_{201}^{(11)}$$
$$-4m_{010}^{(11)}m_{001}^{(22)}m_{101}^{(10)}m_{201}^{(10)} + 2m_{010}^{(11)}m_{001}^{(22)}m_{101}^{(11)}m_{201}^{(00)} + m_{010}^{(11)}m_{001}^{(22)}m_{020}^{(00)}m_{300}^{(22)}$$
$$-2m_{010}^{(11)}m_{001}^{(22)}m_{020}^{(20)}m_{300}^{(20)} + m_{010}^{(11)}m_{001}^{(22)}m_{020}^{(22)}m_{300}^{(00)} - m_{010}^{(11)}m_{001}^{(22)}m_{002}^{(00)}m_{300}^{(11)}$$
$$+2m_{010}^{(11)}m_{001}^{(22)}m_{002}^{(10)}m_{300}^{(10)} - m_{010}^{(11)}m_{001}^{(22)}m_{002}^{(11)}m_{300}^{(00)} - 2(m_{010}^{(20)})^2m_{110}^{(00)}m_{012}^{(21)}$$
$$+2(m_{010}^{(20)})^2m_{110}^{(10)}m_{111}^{(22)} + 2(m_{010}^{(20)})^2m_{110}^{(10)}m_{012}^{(20)} - 2(m_{010}^{(20)})^2m_{110}^{(20)}m_{111}^{(21)}$$
$$+2(m_{010}^{(20)})^2m_{110}^{(20)}m_{012}^{(10)} - 2(m_{010}^{(20)})^2m_{110}^{(21)}m_{111}^{(20)} - 2(m_{010}^{(20)})^2m_{110}^{(21)}m_{012}^{(00)}$$
$$+2(m_{010}^{(20)})^2m_{110}^{(22)}m_{111}^{(10)} + 2(m_{010}^{(20)})^2m_{101}^{(00)}m_{021}^{(21)} - 2(m_{010}^{(20)})^2m_{101}^{(10)}m_{120}^{(22)}$$
$$-2(m_{010}^{(20)})^2m_{101}^{(10)}m_{021}^{(20)} + 2(m_{010}^{(20)})^2m_{101}^{(20)}m_{120}^{(21)} - 2(m_{010}^{(20)})^2m_{101}^{(20)}m_{021}^{(10)}$$
$$+2(m_{010}^{(20)})^2m_{101}^{(21)}m_{120}^{(20)} + 2(m_{010}^{(20)})^2m_{101}^{(21)}m_{021}^{(00)} - 2(m_{010}^{(20)})^2m_{101}^{(22)}m_{120}^{(10)}$$
$$+2(m_{010}^{(20)})^2m_{020}^{(00)}m_{102}^{(21)} - 2(m_{010}^{(20)})^2m_{020}^{(10)}m_{201}^{(22)} - 2(m_{010}^{(20)})^2m_{020}^{(10)}m_{102}^{(20)}$$
$$+2(m_{010}^{(20)})^2m_{020}^{(20)}m_{201}^{(21)} - 2(m_{010}^{(20)})^2m_{020}^{(20)}m_{102}^{(10)} + 2(m_{010}^{(20)})^2m_{020}^{(21)}m_{201}^{(20)}$$
$$+2(m_{010}^{(20)})^2m_{020}^{(21)}m_{102}^{(00)} - 2(m_{010}^{(20)})^2m_{020}^{(22)}m_{201}^{(10)} - 2(m_{010}^{(20)})^2m_{011}^{(00)}m_{111}^{(21)}$$
$$+2(m_{010}^{(20)})^2m_{011}^{(10)}m_{210}^{(22)} + 2(m_{010}^{(20)})^2m_{011}^{(10)}m_{111}^{(20)} - 2(m_{010}^{(20)})^2m_{011}^{(20)}m_{210}^{(21)}$$
$$+2(m_{010}^{(20)})^2m_{011}^{(20)}m_{111}^{(10)} - 2(m_{010}^{(20)})^2m_{011}^{(21)}m_{210}^{(20)} - 2(m_{010}^{(20)})^2m_{011}^{(21)}m_{111}^{(00)}$$
$$+2(m_{010}^{(20)})^2m_{011}^{(22)}m_{210}^{(10)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(00)}m_{012}^{(21)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(10)}m_{111}^{(22)}$$
$$-2m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(20)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(20)}m_{111}^{(21)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(10)}$$
$$+2m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(20)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{012}^{(00)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(22)}m_{111}^{(10)}$$
$$-2m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(00)}m_{111}^{(22)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(00)}m_{102}^{(21)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{201}^{(22)}$$
$$+2m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{102}^{(20)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{201}^{(21)} + 4m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(20)}$$
$$+2m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(10)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{201}^{(20)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{102}^{(00)}$$
$$+2m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(22)}m_{201}^{(10)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(22)}m_{111}^{(00)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(00)}m_{120}^{(22)}$$
$$-2m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(00)}m_{111}^{(21)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{210}^{(22)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(20)}$$
$$-2m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{210}^{(21)} - 4m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(20)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(10)}$$
$$-2m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{210}^{(20)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(00)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(22)}m_{210}^{(10)}$$
$$+2m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(22)}m_{120}^{(00)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{020}^{(00)}m_{201}^{(22)} - 4m_{010}^{(20)}m_{010}^{(21)}m_{020}^{(20)}m_{201}^{(20)}$$
$$+2m_{010}^{(20)}m_{010}^{(21)}m_{020}^{(22)}m_{201}^{(00)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{210}^{(22)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{201}^{(21)}$$
$$-2m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{300}^{(22)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(20)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{300}^{(21)}$$

$$
\begin{aligned}
&+4m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(20)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(10)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{300}^{(20)}\\
&+2m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(00)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(22)}m_{300}^{(10)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(22)}m_{210}^{(00)}\\
&-m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(00)}m_{021}^{(21)} + m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(10)}m_{120}^{(22)} + m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(10)}m_{021}^{(20)}\\
&-m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(20)}m_{120}^{(21)} + m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(10)} - m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{120}^{(20)}\\
&-m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{021}^{(00)} + m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(22)}m_{120}^{(10)} + 4m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(00)}m_{111}^{(21)}\\
&-2m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{210}^{(22)} - 4m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(20)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{210}^{(21)}\\
&-4m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(10)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{210}^{(20)} + 4m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(00)}\\
&-2m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(22)}m_{210}^{(10)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(00)}m_{120}^{(21)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(10)}m_{120}^{(20)}\\
&+2m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(10)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(21)}m_{120}^{(00)} - 3m_{010}^{(20)}m_{010}^{(22)}m_{020}^{(00)}m_{201}^{(21)}\\
&+m_{010}^{(20)}m_{010}^{(22)}m_{020}^{(10)}m_{300}^{(22)} + 3m_{010}^{(20)}m_{010}^{(22)}m_{020}^{(10)}m_{201}^{(20)} - m_{010}^{(20)}m_{010}^{(22)}m_{020}^{(20)}m_{300}^{(21)}\\
&+3m_{010}^{(20)}m_{010}^{(22)}m_{020}^{(20)}m_{201}^{(10)} - m_{010}^{(20)}m_{010}^{(22)}m_{020}^{(21)}m_{300}^{(20)} - 3m_{010}^{(20)}m_{010}^{(22)}m_{020}^{(21)}m_{201}^{(00)}\\
&+m_{010}^{(20)}m_{010}^{(22)}m_{020}^{(22)}m_{300}^{(10)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(00)}m_{210}^{(21)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{210}^{(20)}\\
&-2m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(10)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(21)}m_{210}^{(00)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(10)}m_{012}^{(21)}\\
&-2m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(11)}m_{012}^{(20)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(20)}m_{012}^{(11)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(10)}\\
&-2m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(10)}m_{021}^{(21)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(11)}m_{021}^{(20)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(20)}m_{021}^{(11)}\\
&-2m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(10)} + m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(00)}m_{012}^{(21)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(10)}m_{102}^{(21)}\\
&-m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(10)}m_{012}^{(20)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(11)}m_{102}^{(20)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(20)}m_{102}^{(11)}\\
&-m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(20)}m_{012}^{(10)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(10)} + m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{012}^{(00)}\\
&-2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(00)}m_{021}^{(21)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(21)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{021}^{(20)}\\
&-2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{111}^{(20)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(11)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(10)}\\
&+2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(10)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{021}^{(00)} + m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(00)}m_{030}^{(21)}\\
&-m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(10)}m_{030}^{(20)} - m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(20)}m_{030}^{(10)} + m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(21)}m_{030}^{(00)}\\
&-4m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(00)}m_{012}^{(21)} + 4m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(20)} + 4m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(10)}\\
&-4m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(00)} + 4m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(00)}m_{021}^{(21)} - 4m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(20)}\\
&-4m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(10)} + 4m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(00)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(00)}m_{102}^{(21)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(20)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(10)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{102}^{(00)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(00)}m_{120}^{(21)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{120}^{(20)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(10)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(21)}m_{120}^{(00)} + m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(00)}m_{012}^{(21)} - m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(10)} + m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(21)}m_{012}^{(00)} - 2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(00)}m_{111}^{(21)}\\
&+2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(20)} + 2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(10)} - 2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(00)}\\
&+m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(00)}m_{210}^{(21)} - m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(10)}m_{210}^{(20)} - m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(21)}m_{210}^{(00)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(00)}m_{021}^{(21)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(00)}m_{012}^{(11)}\\
&-2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(21)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(20)} - 4m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(10)}\\
&+2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(20)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{012}^{(00)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(11)}\\
&-2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(10)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(10)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(00)}\\
&-2m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(00)}m_{030}^{(21)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(00)}m_{021}^{(11)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(21)}\\
&+2m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(20)} + 4m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(10)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(20)}\\
&-2m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{021}^{(00)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(20)}m_{111}^{(11)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(10)}
\end{aligned}
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\begin{aligned}
&+2m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(10)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(21)}m_{030}^{(00)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(21)}\\
&-2m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(00)}m_{102}^{(11)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(21)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(20)}\\
&+4m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(10)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(20)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(11)}m_{102}^{(00)}\\
&-2m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{201}^{(11)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(10)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(10)}\\
&-2m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(00)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(21)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(00)}m_{111}^{(11)}\\
&-2m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(21)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(20)} - 4m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(10)}\\
&+2m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(20)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{111}^{(00)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(11)}\\
&-2m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(10)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(20)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{120}^{(21)}\\
&-2m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(21)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(20)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(10)}\\
&-2m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(00)} + 4m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(21)} - 4m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(20)}\\
&-4m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(10)} + 4m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(00)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(21)}\\
&+2m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(20)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(10)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{201}^{(00)}\\
&+m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(21)} - m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(20)} - m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(21)}m_{030}^{(00)} - 2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(21)} - 2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{111}^{(11)}\\
&+2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(20)} + 4m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(10)} - 2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{111}^{(00)}\\
&+2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(10)} - 2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(21)}m_{120}^{(00)} + 2m_{010}^{(20)}m_{001}^{(22)}m_{101}^{(00)}m_{120}^{(11)}\\
&-4m_{010}^{(20)}m_{001}^{(22)}m_{101}^{(10)}m_{120}^{(10)} + 2m_{010}^{(20)}m_{001}^{(22)}m_{101}^{(11)}m_{120}^{(00)} + m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(21)}\\
&+2m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{201}^{(11)} - m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(20)} - 4m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(10)}\\
&+2m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(11)}m_{201}^{(00)} - m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(10)} + m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(21)}m_{210}^{(00)}\\
&-2m_{010}^{(20)}m_{001}^{(22)}m_{011}^{(00)}m_{210}^{(11)} + 4m_{010}^{(20)}m_{001}^{(22)}m_{011}^{(10)}m_{210}^{(10)} - 2m_{010}^{(20)}m_{001}^{(22)}m_{011}^{(11)}m_{210}^{(00)}\\
&+2(m_{010}^{(21)})^2m_{200}^{(00)}m_{111}^{(22)} - 4(m_{010}^{(21)})^2m_{200}^{(20)}m_{111}^{(20)} + 2(m_{010}^{(21)})^2m_{200}^{(22)}m_{111}^{(00)}\\
&-2(m_{010}^{(21)})^2m_{110}^{(00)}m_{201}^{(22)} + 4(m_{010}^{(21)})^2m_{110}^{(20)}m_{201}^{(20)} - 2(m_{010}^{(21)})^2m_{110}^{(22)}m_{201}^{(00)}\\
&-2(m_{010}^{(21)})^2m_{101}^{(00)}m_{210}^{(22)} + 4(m_{010}^{(21)})^2m_{101}^{(20)}m_{210}^{(20)} - 2(m_{010}^{(21)})^2m_{101}^{(22)}m_{210}^{(00)}\\
&+2(m_{010}^{(21)})^2m_{011}^{(00)}m_{300}^{(22)} - 4(m_{010}^{(21)})^2m_{011}^{(20)}m_{300}^{(20)} + 2(m_{010}^{(21)})^2m_{011}^{(22)}m_{300}^{(00)}\\
&-m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(00)}m_{120}^{(22)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(00)}m_{111}^{(21)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{111}^{(20)}\\
&+2m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{120}^{(20)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{111}^{(10)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(00)}\\
&-m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(22)}m_{120}^{(00)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(00)}m_{210}^{(22)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(00)}m_{201}^{(21)}\\
&-2m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{201}^{(20)} - 4m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{210}^{(20)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{201}^{(10)}\\
&+2m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(00)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(22)}m_{210}^{(00)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(00)}m_{210}^{(21)}\\
&-2m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{210}^{(20)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(20)}m_{210}^{(10)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(00)}\\
&-m_{010}^{(21)}m_{010}^{(22)}m_{020}^{(00)}m_{300}^{(22)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{020}^{(20)}m_{300}^{(20)} - m_{010}^{(21)}m_{010}^{(22)}m_{020}^{(22)}m_{300}^{(00)}\\
&-2m_{010}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{300}^{(21)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{011}^{(10)}m_{300}^{(20)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{011}^{(20)}m_{300}^{(10)}\\
&-2m_{010}^{(21)}m_{010}^{(22)}m_{011}^{(21)}m_{300}^{(00)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{200}^{(10)}m_{012}^{(21)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{200}^{(11)}m_{012}^{(20)}\\
&+2m_{010}^{(21)}m_{001}^{(00)}m_{200}^{(20)}m_{012}^{(11)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{200}^{(21)}m_{012}^{(10)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(10)}m_{102}^{(21)}\\
&-2m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(11)}m_{102}^{(20)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{102}^{(11)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{102}^{(10)}\\
&+2m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(10)}m_{111}^{(21)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(11)}m_{111}^{(20)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(20)}m_{111}^{(11)}\\
&+2m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{111}^{(10)} - m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(00)}m_{102}^{(21)} + m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(10)}m_{102}^{(20)}\\
&+m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(20)}m_{102}^{(10)} - m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(00)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(00)}m_{111}^{(21)}
\end{aligned}
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\begin{aligned}
&-2m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{201}^{(21)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(20)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(11)}m_{201}^{(20)}\\
&+2m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{201}^{(11)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(10)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{201}^{(10)}\\
&+2m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(00)} - m_{010}^{(21)}m_{001}^{(00)}m_{002}^{(00)}m_{120}^{(21)} + m_{010}^{(21)}m_{001}^{(00)}m_{002}^{(10)}m_{120}^{(20)}\\
&+m_{010}^{(21)}m_{001}^{(00)}m_{002}^{(20)}m_{120}^{(10)} - m_{010}^{(21)}m_{001}^{(00)}m_{002}^{(21)}m_{120}^{(00)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(00)}m_{012}^{(21)}\\
&-2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(10)}m_{012}^{(20)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{012}^{(10)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(00)}\\
&-4m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{111}^{(21)} + 4m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(20)} + 4m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(10)}\\
&-4m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(00)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(00)}m_{210}^{(21)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{210}^{(20)}\\
&-2m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(20)}m_{210}^{(10)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(21)}m_{210}^{(00)} - m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(00)}m_{102}^{(21)}\\
&+m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{102}^{(20)} + m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{102}^{(10)} - m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(00)}\\
&+2m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{201}^{(21)} - 2m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(20)} - 2m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{201}^{(10)}\\
&+2m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(00)} - m_{010}^{(21)}m_{001}^{(11)}m_{002}^{(00)}m_{300}^{(21)} + m_{010}^{(21)}m_{001}^{(11)}m_{002}^{(10)}m_{300}^{(20)}\\
&+m_{010}^{(21)}m_{001}^{(11)}m_{002}^{(20)}m_{300}^{(10)} - m_{010}^{(21)}m_{001}^{(11)}m_{002}^{(21)}m_{300}^{(00)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(00)}m_{012}^{(11)}\\
&+2m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{111}^{(21)} + 4m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{012}^{(10)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{111}^{(20)}\\
&-2m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{012}^{(00)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{111}^{(11)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{111}^{(10)}\\
&-2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{111}^{(21)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{102}^{(11)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{201}^{(21)}\\
&+2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(20)} - 4m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{102}^{(10)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{201}^{(20)}\\
&+2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{102}^{(00)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{201}^{(11)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(10)}\\
&-2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{201}^{(10)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(00)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(00)}m_{120}^{(21)}\\
&+2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(00)}m_{111}^{(11)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{210}^{(21)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(10)}\\
&-4m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(10)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{210}^{(20)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(00)}\\
&+2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(20)}m_{210}^{(11)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(10)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(21)}m_{210}^{(10)}\\
&+2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(00)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{201}^{(21)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(20)}\\
&-2m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{201}^{(10)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(00)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{210}^{(21)}\\
&-2m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{201}^{(11)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(21)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(20)}\\
&+4m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(10)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(11)}m_{300}^{(20)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(11)}m_{201}^{(00)}\\
&-2m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(20)}m_{300}^{(11)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(10)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(21)}m_{300}^{(10)}\\
&-2m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(00)} - m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(00)}m_{120}^{(21)} + 2m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(00)}m_{111}^{(11)}\\
&+m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(20)} - 4m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{111}^{(10)} + 2m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(20)}m_{120}^{(10)} - m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(00)} + 2m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{210}^{(21)}\\
&-2m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{201}^{(11)} - 2m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(20)} + 4m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{201}^{(10)}\\
&-2m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(11)}m_{201}^{(00)} - 2m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(20)}m_{210}^{(10)} + 2m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(00)}\\
&-2m_{010}^{(21)}m_{001}^{(22)}m_{101}^{(00)}m_{210}^{(11)} + 4m_{010}^{(21)}m_{001}^{(22)}m_{101}^{(10)}m_{210}^{(10)} - 2m_{010}^{(21)}m_{001}^{(22)}m_{101}^{(11)}m_{210}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{300}^{(21)} + m_{010}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(20)} + m_{010}^{(21)}m_{001}^{(22)}m_{020}^{(20)}m_{300}^{(10)}\\
&-m_{010}^{(21)}m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(00)} + 2m_{010}^{(21)}m_{001}^{(22)}m_{011}^{(00)}m_{300}^{(11)} - 4m_{010}^{(21)}m_{001}^{(22)}m_{011}^{(10)}m_{300}^{(10)}\\
&+2m_{010}^{(21)}m_{001}^{(22)}m_{011}^{(11)}m_{300}^{(00)} + (m_{010}^{(22)})^2m_{200}^{(00)}m_{120}^{(21)} - (m_{010}^{(22)})^2m_{200}^{(10)}m_{120}^{(20)}\\
&-(m_{010}^{(22)})^2m_{200}^{(20)}m_{120}^{(10)} + (m_{010}^{(22)})^2m_{200}^{(21)}m_{120}^{(00)} - 2(m_{010}^{(22)})^2m_{110}^{(00)}m_{210}^{(21)}\\
&+2(m_{010}^{(22)})^2m_{110}^{(10)}m_{210}^{(20)} + 2(m_{010}^{(22)})^2m_{110}^{(20)}m_{210}^{(10)} - 2(m_{010}^{(22)})^2m_{110}^{(21)}m_{210}^{(00)}\\
&+(m_{010}^{(22)})^2m_{020}^{(00)}m_{300}^{(21)} - (m_{010}^{(22)})^2m_{020}^{(10)}m_{300}^{(20)} - (m_{010}^{(22)})^2m_{020}^{(20)}m_{300}^{(10)}
\end{aligned}
$$

$$+(m_{010}^{(22)})^2 m_{020}^{(21)} m_{300}^{(00)} + m_{010}^{(22)} m_{001}^{(00)} m_{200}^{(10)} m_{021}^{(21)} - m_{010}^{(22)} m_{001}^{(00)} m_{200}^{(11)} m_{021}^{(20)}$$
$$-m_{010}^{(22)} m_{001}^{(00)} m_{200}^{(20)} m_{021}^{(11)} + m_{010}^{(22)} m_{001}^{(00)} m_{200}^{(21)} m_{021}^{(10)} - 2m_{010}^{(22)} m_{001}^{(00)} m_{110}^{(10)} m_{111}^{(21)}$$
$$+2m_{010}^{(22)} m_{001}^{(00)} m_{110}^{(11)} m_{111}^{(20)} + 2m_{010}^{(22)} m_{001}^{(00)} m_{110}^{(20)} m_{111}^{(11)} - 2m_{010}^{(22)} m_{001}^{(00)} m_{110}^{(21)} m_{111}^{(10)}$$
$$+m_{010}^{(22)} m_{001}^{(00)} m_{020}^{(10)} m_{201}^{(21)} - m_{010}^{(22)} m_{001}^{(00)} m_{020}^{(11)} m_{201}^{(20)} - m_{010}^{(22)} m_{001}^{(00)} m_{020}^{(20)} m_{201}^{(11)}$$
$$+m_{010}^{(22)} m_{001}^{(00)} m_{020}^{(21)} m_{201}^{(10)} - m_{010}^{(22)} m_{001}^{(10)} m_{200}^{(00)} m_{021}^{(21)} + m_{010}^{(22)} m_{001}^{(10)} m_{200}^{(10)} m_{021}^{(20)}$$
$$+m_{010}^{(22)} m_{001}^{(10)} m_{200}^{(20)} m_{021}^{(10)} - m_{010}^{(22)} m_{001}^{(10)} m_{200}^{(21)} m_{021}^{(00)} + 2m_{010}^{(22)} m_{001}^{(10)} m_{110}^{(00)} m_{111}^{(21)}$$
$$-2m_{010}^{(22)} m_{001}^{(10)} m_{110}^{(10)} m_{111}^{(20)} - 2m_{010}^{(22)} m_{001}^{(10)} m_{110}^{(20)} m_{111}^{(10)} + 2m_{010}^{(22)} m_{001}^{(10)} m_{110}^{(21)} m_{111}^{(00)}$$
$$-m_{010}^{(22)} m_{001}^{(10)} m_{020}^{(00)} m_{201}^{(21)} + m_{010}^{(22)} m_{001}^{(10)} m_{020}^{(10)} m_{201}^{(20)} + m_{010}^{(22)} m_{001}^{(10)} m_{020}^{(20)} m_{201}^{(10)}$$
$$-m_{010}^{(22)} m_{001}^{(10)} m_{020}^{(21)} m_{201}^{(00)} + m_{010}^{(22)} m_{001}^{(20)} m_{200}^{(00)} m_{021}^{(11)} - m_{010}^{(22)} m_{001}^{(20)} m_{200}^{(10)} m_{120}^{(21)}$$
$$-2m_{010}^{(22)} m_{001}^{(20)} m_{200}^{(10)} m_{021}^{(10)} + m_{010}^{(22)} m_{001}^{(20)} m_{200}^{(11)} m_{120}^{(20)} + m_{010}^{(22)} m_{001}^{(20)} m_{200}^{(11)} m_{021}^{(00)}$$
$$+m_{010}^{(22)} m_{001}^{(20)} m_{200}^{(20)} m_{120}^{(11)} - m_{010}^{(22)} m_{001}^{(20)} m_{200}^{(21)} m_{120}^{(10)} - 2m_{010}^{(22)} m_{001}^{(20)} m_{110}^{(00)} m_{111}^{(11)}$$
$$+2m_{010}^{(22)} m_{001}^{(20)} m_{110}^{(10)} m_{210}^{(21)} + 4m_{010}^{(22)} m_{001}^{(20)} m_{110}^{(10)} m_{111}^{(10)} - 2m_{010}^{(22)} m_{001}^{(20)} m_{110}^{(11)} m_{210}^{(20)}$$
$$-2m_{010}^{(22)} m_{001}^{(20)} m_{110}^{(11)} m_{111}^{(00)} - 2m_{010}^{(22)} m_{001}^{(20)} m_{110}^{(20)} m_{210}^{(11)} + 2m_{010}^{(22)} m_{001}^{(20)} m_{110}^{(21)} m_{210}^{(10)}$$
$$+m_{010}^{(22)} m_{001}^{(20)} m_{020}^{(00)} m_{201}^{(11)} - m_{010}^{(22)} m_{001}^{(20)} m_{020}^{(10)} m_{300}^{(21)} - 2m_{010}^{(22)} m_{001}^{(20)} m_{020}^{(10)} m_{201}^{(10)}$$
$$+m_{010}^{(22)} m_{001}^{(20)} m_{020}^{(11)} m_{300}^{(20)} + m_{010}^{(22)} m_{001}^{(20)} m_{020}^{(11)} m_{201}^{(00)} + m_{010}^{(22)} m_{001}^{(20)} m_{020}^{(20)} m_{300}^{(11)}$$
$$-m_{010}^{(22)} m_{001}^{(20)} m_{020}^{(21)} m_{300}^{(10)} + m_{010}^{(22)} m_{001}^{(21)} m_{200}^{(00)} m_{120}^{(21)} - m_{010}^{(22)} m_{001}^{(21)} m_{200}^{(10)} m_{120}^{(20)}$$
$$-m_{010}^{(22)} m_{001}^{(21)} m_{200}^{(20)} m_{120}^{(10)} + m_{010}^{(22)} m_{001}^{(21)} m_{200}^{(21)} m_{120}^{(00)} - 2m_{010}^{(22)} m_{001}^{(21)} m_{110}^{(00)} m_{210}^{(21)}$$
$$+2m_{010}^{(22)} m_{001}^{(21)} m_{110}^{(10)} m_{210}^{(20)} + 2m_{010}^{(22)} m_{001}^{(21)} m_{110}^{(20)} m_{210}^{(10)} - 2m_{010}^{(22)} m_{001}^{(21)} m_{110}^{(21)} m_{210}^{(00)}$$
$$+m_{010}^{(22)} m_{001}^{(21)} m_{020}^{(00)} m_{300}^{(21)} - m_{010}^{(22)} m_{001}^{(21)} m_{020}^{(10)} m_{300}^{(20)} - m_{010}^{(22)} m_{001}^{(21)} m_{020}^{(20)} m_{300}^{(10)}$$
$$+m_{010}^{(22)} m_{001}^{(21)} m_{020}^{(21)} m_{300}^{(00)} - m_{010}^{(22)} m_{001}^{(22)} m_{200}^{(00)} m_{120}^{(11)} + 2m_{010}^{(22)} m_{001}^{(22)} m_{200}^{(10)} m_{120}^{(10)}$$
$$-m_{010}^{(22)} m_{001}^{(22)} m_{200}^{(11)} m_{120}^{(00)} + 2m_{010}^{(22)} m_{001}^{(22)} m_{110}^{(00)} m_{210}^{(11)} - 4m_{010}^{(22)} m_{001}^{(22)} m_{110}^{(10)} m_{210}^{(10)}$$
$$+2m_{010}^{(22)} m_{001}^{(22)} m_{110}^{(11)} m_{210}^{(00)} - m_{010}^{(22)} m_{001}^{(22)} m_{020}^{(00)} m_{300}^{(11)} + 2m_{010}^{(22)} m_{001}^{(22)} m_{020}^{(10)} m_{300}^{(10)}$$
$$-m_{010}^{(22)} m_{001}^{(22)} m_{020}^{(11)} m_{300}^{(00)} - (m_{001}^{(00)})^2 m_{020}^{(10)} m_{012}^{(21)} + (m_{001}^{(00)})^2 m_{020}^{(11)} m_{012}^{(20)}$$
$$+(m_{001}^{(00)})^2 m_{020}^{(20)} m_{012}^{(11)} - (m_{001}^{(00)})^2 m_{020}^{(21)} m_{012}^{(10)} + 2(m_{001}^{(00)})^2 m_{011}^{(10)} m_{021}^{(21)}$$
$$-2(m_{001}^{(00)})^2 m_{011}^{(11)} m_{021}^{(20)} - 2(m_{001}^{(00)})^2 m_{011}^{(20)} m_{021}^{(11)} + 2(m_{001}^{(00)})^2 m_{011}^{(21)} m_{021}^{(10)}$$
$$-(m_{001}^{(00)})^2 m_{002}^{(10)} m_{030}^{(21)} + (m_{001}^{(00)})^2 m_{002}^{(11)} m_{030}^{(20)} + (m_{001}^{(00)})^2 m_{002}^{(20)} m_{030}^{(11)}$$
$$-(m_{001}^{(00)})^2 m_{002}^{(21)} m_{030}^{(10)} + 2m_{001}^{(00)} m_{001}^{(10)} m_{110}^{(10)} m_{012}^{(21)} - 2m_{001}^{(00)} m_{001}^{(10)} m_{110}^{(11)} m_{012}^{(20)}$$
$$-2m_{001}^{(00)} m_{001}^{(10)} m_{110}^{(20)} m_{012}^{(11)} + 2m_{001}^{(00)} m_{001}^{(10)} m_{110}^{(21)} m_{012}^{(10)} - 2m_{001}^{(00)} m_{001}^{(10)} m_{101}^{(10)} m_{021}^{(21)}$$
$$+2m_{001}^{(00)} m_{001}^{(10)} m_{101}^{(11)} m_{021}^{(20)} + 2m_{001}^{(00)} m_{001}^{(10)} m_{101}^{(20)} m_{021}^{(11)} - 2m_{001}^{(00)} m_{001}^{(10)} m_{101}^{(21)} m_{021}^{(10)}$$
$$+m_{001}^{(00)} m_{001}^{(10)} m_{020}^{(00)} m_{012}^{(21)} + m_{001}^{(00)} m_{001}^{(10)} m_{020}^{(10)} m_{102}^{(21)} - m_{001}^{(00)} m_{001}^{(10)} m_{020}^{(10)} m_{012}^{(20)}$$
$$-m_{001}^{(00)} m_{001}^{(10)} m_{020}^{(11)} m_{102}^{(20)} - m_{001}^{(00)} m_{001}^{(10)} m_{020}^{(20)} m_{102}^{(11)} - m_{001}^{(00)} m_{001}^{(10)} m_{020}^{(20)} m_{012}^{(10)}$$
$$+m_{001}^{(00)} m_{001}^{(10)} m_{020}^{(21)} m_{102}^{(10)} + m_{001}^{(00)} m_{001}^{(10)} m_{020}^{(21)} m_{012}^{(00)} - 2m_{001}^{(00)} m_{001}^{(10)} m_{011}^{(00)} m_{021}^{(21)}$$
$$-4m_{001}^{(00)} m_{001}^{(10)} m_{011}^{(10)} m_{111}^{(21)} + 2m_{001}^{(00)} m_{001}^{(10)} m_{011}^{(10)} m_{021}^{(20)} + 4m_{001}^{(00)} m_{001}^{(10)} m_{011}^{(11)} m_{111}^{(20)}$$
$$+4m_{001}^{(00)} m_{001}^{(10)} m_{011}^{(20)} m_{111}^{(11)} + 2m_{001}^{(00)} m_{001}^{(10)} m_{011}^{(20)} m_{021}^{(10)} - 4m_{001}^{(00)} m_{001}^{(10)} m_{011}^{(21)} m_{111}^{(10)}$$
$$-2m_{001}^{(00)} m_{001}^{(10)} m_{011}^{(21)} m_{021}^{(00)} + m_{001}^{(00)} m_{001}^{(10)} m_{002}^{(00)} m_{030}^{(21)} + 3m_{001}^{(00)} m_{001}^{(10)} m_{002}^{(10)} m_{120}^{(21)}$$
$$-m_{001}^{(00)} m_{001}^{(10)} m_{002}^{(10)} m_{030}^{(20)} - 3m_{001}^{(00)} m_{001}^{(10)} m_{002}^{(11)} m_{120}^{(20)} - 3m_{001}^{(00)} m_{001}^{(10)} m_{002}^{(20)} m_{120}^{(11)}$$
$$-m_{001}^{(00)} m_{001}^{(10)} m_{002}^{(20)} m_{030}^{(10)} + 3m_{001}^{(00)} m_{001}^{(10)} m_{002}^{(21)} m_{120}^{(10)} + m_{001}^{(00)} m_{001}^{(10)} m_{002}^{(21)} m_{030}^{(00)}$$
$$-m_{001}^{(00)} m_{001}^{(11)} m_{200}^{(10)} m_{012}^{(21)} + m_{001}^{(00)} m_{001}^{(11)} m_{200}^{(11)} m_{012}^{(20)} + m_{001}^{(00)} m_{001}^{(11)} m_{200}^{(20)} m_{012}^{(11)}$$

$$
\begin{aligned}
&-m_{001}^{(00)}m_{001}^{(11)}m_{200}^{(21)}m_{012}^{(10)}+2m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(21)}-2m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(11)}m_{111}^{(20)}\\
&-2m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(11)}+2m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(10)}-m_{001}^{(00)}m_{001}^{(11)}m_{020}^{(00)}m_{102}^{(21)}\\
&+m_{001}^{(00)}m_{001}^{(11)}m_{020}^{(10)}m_{102}^{(20)}+m_{001}^{(00)}m_{001}^{(11)}m_{020}^{(20)}m_{102}^{(10)}-m_{001}^{(00)}m_{001}^{(11)}m_{020}^{(21)}m_{102}^{(00)}\\
&+2m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(00)}m_{111}^{(21)}-2m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(10)}m_{111}^{(20)}-2m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(10)}\\
&+2m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{111}^{(00)}-m_{001}^{(00)}m_{001}^{(11)}m_{002}^{(00)}m_{120}^{(21)}-m_{001}^{(00)}m_{001}^{(11)}m_{002}^{(10)}m_{210}^{(21)}\\
&+m_{001}^{(00)}m_{001}^{(11)}m_{002}^{(10)}m_{120}^{(20)}+m_{001}^{(00)}m_{001}^{(11)}m_{002}^{(11)}m_{210}^{(20)}+m_{001}^{(00)}m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(11)}\\
&+m_{001}^{(00)}m_{001}^{(11)}m_{002}^{(20)}m_{120}^{(10)}-m_{001}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{210}^{(10)}-m_{001}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{120}^{(00)}\\
&-2m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(21)}+2m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(11)}m_{021}^{(20)}+2m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(11)}\\
&-2m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(10)}+2m_{001}^{(00)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(21)}-2m_{001}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{030}^{(20)}\\
&-2m_{001}^{(00)}m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(11)}+2m_{001}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{030}^{(10)}-m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(00)}m_{012}^{(11)}\\
&+2m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(21)}+2m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{012}^{(10)}-2m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{111}^{(20)}\\
&-m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{012}^{(00)}-2m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(11)}+2m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(10)}\\
&+2m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(00)}m_{021}^{(11)}-2m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(21)}-4m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{021}^{(10)}\\
&+2m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{120}^{(20)}+2m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{021}^{(00)}+2m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(11)}\\
&-2m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(10)}-m_{001}^{(00)}m_{001}^{(20)}m_{002}^{(00)}m_{030}^{(11)}+2m_{001}^{(00)}m_{001}^{(20)}m_{002}^{(10)}m_{030}^{(10)}\\
&-m_{001}^{(00)}m_{001}^{(20)}m_{002}^{(11)}m_{030}^{(00)}+2m_{001}^{(00)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(21)}-2m_{001}^{(00)}m_{001}^{(21)}m_{200}^{(11)}m_{021}^{(20)}\\
&-2m_{001}^{(00)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(11)}+2m_{001}^{(00)}m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(10)}-2m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(21)}\\
&+2m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(11)}m_{111}^{(20)}+2m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(11)}-2m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(10)}\\
&-2m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(21)}+2m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{120}^{(20)}+2m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(11)}\\
&-2m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(10)}+m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(00)}m_{102}^{(11)}-2m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{102}^{(10)}\\
&+m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(11)}m_{102}^{(00)}-2m_{001}^{(00)}m_{001}^{(21)}m_{001}^{(00)}m_{011}^{(11)}+2m_{001}^{(00)}m_{001}^{(21)}m_{001}^{(10)}m_{011}^{(21)}\\
&+4m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(10)}-2m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{210}^{(20)}-2m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{111}^{(00)}\\
&-2m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(11)}+2m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(10)}+m_{001}^{(00)}m_{001}^{(21)}m_{002}^{(00)}m_{120}^{(11)}\\
&-2m_{001}^{(00)}m_{001}^{(21)}m_{002}^{(10)}m_{120}^{(10)}+m_{001}^{(00)}m_{001}^{(21)}m_{002}^{(11)}m_{120}^{(00)}-m_{001}^{(00)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(21)}\\
&+m_{001}^{(00)}m_{001}^{(22)}m_{200}^{(11)}m_{030}^{(20)}+m_{001}^{(00)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(11)}-m_{001}^{(00)}m_{001}^{(22)}m_{200}^{(21)}m_{030}^{(10)}\\
&+2m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(21)}-2m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(11)}m_{120}^{(20)}-2m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(11)}\\
&+2m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(21)}m_{120}^{(10)}-m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(21)}+m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(11)}m_{210}^{(20)}\\
&+m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(11)}-m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(21)}m_{210}^{(10)}-2(m_{001}^{(10)})^2m_{110}^{(00)}m_{012}^{(21)}\\
&-2(m_{001}^{(10)})^2m_{110}^{(10)}m_{102}^{(21)}+2(m_{001}^{(10)})^2m_{110}^{(10)}m_{012}^{(20)}+2(m_{001}^{(10)})^2m_{110}^{(11)}m_{102}^{(20)}\\
&+2(m_{001}^{(10)})^2m_{110}^{(20)}m_{102}^{(11)}+2(m_{001}^{(10)})^2m_{110}^{(20)}m_{012}^{(10)}-2(m_{001}^{(10)})^2m_{110}^{(21)}m_{102}^{(10)}\\
&-2(m_{001}^{(10)})^2m_{110}^{(21)}m_{012}^{(00)}+2(m_{001}^{(10)})^2m_{101}^{(00)}m_{021}^{(21)}+2(m_{001}^{(10)})^2m_{101}^{(10)}m_{111}^{(21)}\\
&-2(m_{001}^{(10)})^2m_{101}^{(10)}m_{021}^{(20)}-2(m_{001}^{(10)})^2m_{101}^{(11)}m_{111}^{(20)}-2(m_{001}^{(10)})^2m_{101}^{(20)}m_{111}^{(11)}\\
&-2(m_{001}^{(10)})^2m_{101}^{(20)}m_{021}^{(10)}+2(m_{001}^{(10)})^2m_{101}^{(21)}m_{111}^{(10)}+2(m_{001}^{(10)})^2m_{101}^{(21)}m_{021}^{(00)}\\
&+2(m_{001}^{(10)})^2m_{011}^{(00)}m_{111}^{(21)}+2(m_{001}^{(10)})^2m_{011}^{(10)}m_{201}^{(21)}-2(m_{001}^{(10)})^2m_{011}^{(10)}m_{111}^{(20)}\\
&-2(m_{001}^{(10)})^2m_{011}^{(11)}m_{201}^{(20)}-2(m_{001}^{(10)})^2m_{011}^{(20)}m_{201}^{(11)}-2(m_{001}^{(10)})^2m_{011}^{(20)}m_{111}^{(10)}\\
&+2(m_{001}^{(10)})^2m_{011}^{(21)}m_{201}^{(10)}+2(m_{001}^{(10)})^2m_{011}^{(21)}m_{111}^{(00)}-2(m_{001}^{(10)})^2m_{002}^{(00)}m_{120}^{(21)}\\
&-2(m_{001}^{(10)})^2m_{002}^{(10)}m_{210}^{(21)}+2(m_{001}^{(10)})^2m_{002}^{(10)}m_{120}^{(20)}+2(m_{001}^{(10)})^2m_{002}^{(11)}m_{210}^{(20)}\\
&+2(m_{001}^{(10)})^2m_{002}^{(20)}m_{210}^{(11)}+2(m_{001}^{(10)})^2m_{002}^{(20)}m_{120}^{(10)}-2(m_{001}^{(10)})^2m_{002}^{(21)}m_{210}^{(10)}
\end{aligned}
$$

$$
\begin{aligned}
&-2(m_{001}^{(10)})^2 m_{002}^{(21)} m_{120}^{(00)} + m_{001}^{(10)} m_{001}^{(11)} m_{200}^{(00)} m_{012}^{(21)} + m_{001}^{(10)} m_{001}^{(11)} m_{200}^{(10)} m_{102}^{(21)} \\
&-m_{001}^{(10)} m_{001}^{(11)} m_{200}^{(10)} m_{012}^{(20)} - m_{001}^{(10)} m_{001}^{(11)} m_{200}^{(11)} m_{102}^{(20)} - m_{001}^{(10)} m_{001}^{(11)} m_{200}^{(20)} m_{102}^{(11)} \\
&-m_{001}^{(10)} m_{001}^{(11)} m_{200}^{(20)} m_{012}^{(10)} + m_{001}^{(10)} m_{001}^{(11)} m_{200}^{(21)} m_{102}^{(10)} + m_{001}^{(10)} m_{001}^{(11)} m_{200}^{(21)} m_{012}^{(00)} \\
&+2m_{001}^{(10)} m_{001}^{(11)} m_{110}^{(00)} m_{102}^{(21)} - 2m_{001}^{(10)} m_{001}^{(11)} m_{110}^{(10)} m_{102}^{(20)} - 2m_{001}^{(10)} m_{001}^{(11)} m_{110}^{(20)} m_{102}^{(10)} \\
&+2m_{001}^{(10)} m_{001}^{(11)} m_{110}^{(21)} m_{102}^{(00)} - 4m_{001}^{(10)} m_{001}^{(11)} m_{101}^{(00)} m_{111}^{(21)} - 2m_{001}^{(10)} m_{001}^{(11)} m_{101}^{(10)} m_{201}^{(21)} \\
&+4m_{001}^{(10)} m_{001}^{(11)} m_{101}^{(10)} m_{111}^{(20)} + 2m_{001}^{(10)} m_{001}^{(11)} m_{101}^{(11)} m_{201}^{(20)} + 2m_{001}^{(10)} m_{001}^{(11)} m_{101}^{(20)} m_{201}^{(11)} \\
&+4m_{001}^{(10)} m_{001}^{(11)} m_{101}^{(20)} m_{111}^{(10)} - 2m_{001}^{(10)} m_{001}^{(11)} m_{101}^{(21)} m_{201}^{(10)} - 4m_{001}^{(10)} m_{001}^{(11)} m_{101}^{(21)} m_{111}^{(00)} \\
&-2m_{001}^{(10)} m_{001}^{(11)} m_{011}^{(00)} m_{201}^{(21)} + 2m_{001}^{(10)} m_{001}^{(11)} m_{011}^{(10)} m_{201}^{(20)} + 2m_{001}^{(10)} m_{001}^{(11)} m_{011}^{(20)} m_{201}^{(10)} \\
&-2m_{001}^{(10)} m_{001}^{(11)} m_{011}^{(21)} m_{201}^{(00)} + 3m_{001}^{(10)} m_{001}^{(11)} m_{002}^{(00)} m_{210}^{(21)} + m_{001}^{(10)} m_{001}^{(11)} m_{002}^{(10)} m_{300}^{(21)} \\
&-3m_{001}^{(10)} m_{001}^{(11)} m_{002}^{(10)} m_{210}^{(20)} - m_{001}^{(10)} m_{001}^{(11)} m_{002}^{(11)} m_{300}^{(20)} - m_{001}^{(10)} m_{001}^{(11)} m_{002}^{(20)} m_{300}^{(11)} \\
&-3m_{001}^{(10)} m_{001}^{(11)} m_{002}^{(20)} m_{210}^{(10)} + m_{001}^{(10)} m_{001}^{(11)} m_{002}^{(21)} m_{300}^{(10)} + 3m_{001}^{(10)} m_{001}^{(11)} m_{002}^{(21)} m_{210}^{(00)} \\
&+2m_{001}^{(10)} m_{001}^{(20)} m_{110}^{(00)} m_{021}^{(21)} + 2m_{001}^{(10)} m_{001}^{(20)} m_{110}^{(00)} m_{012}^{(11)} + 2m_{001}^{(10)} m_{001}^{(20)} m_{110}^{(10)} m_{111}^{(21)} \\
&-2m_{001}^{(10)} m_{001}^{(20)} m_{110}^{(10)} m_{021}^{(20)} - 4m_{001}^{(10)} m_{001}^{(20)} m_{110}^{(10)} m_{012}^{(10)} - 2m_{001}^{(10)} m_{001}^{(20)} m_{110}^{(11)} m_{111}^{(20)} \\
&+2m_{001}^{(10)} m_{001}^{(20)} m_{110}^{(11)} m_{012}^{(00)} - 2m_{001}^{(10)} m_{001}^{(20)} m_{110}^{(20)} m_{111}^{(11)} - 2m_{001}^{(10)} m_{001}^{(20)} m_{110}^{(20)} m_{021}^{(10)} \\
&+2m_{001}^{(10)} m_{001}^{(20)} m_{110}^{(21)} m_{111}^{(10)} + 2m_{001}^{(10)} m_{001}^{(20)} m_{110}^{(21)} m_{021}^{(00)} - 2m_{001}^{(10)} m_{001}^{(20)} m_{101}^{(00)} m_{030}^{(21)} \\
&-2m_{001}^{(10)} m_{001}^{(20)} m_{101}^{(00)} m_{021}^{(11)} - 2m_{001}^{(10)} m_{001}^{(20)} m_{101}^{(10)} m_{120}^{(21)} + 2m_{001}^{(10)} m_{001}^{(20)} m_{101}^{(10)} m_{030}^{(20)} \\
&+4m_{001}^{(10)} m_{001}^{(20)} m_{101}^{(10)} m_{021}^{(10)} + 2m_{001}^{(10)} m_{001}^{(20)} m_{101}^{(11)} m_{120}^{(20)} - 2m_{001}^{(10)} m_{001}^{(20)} m_{101}^{(11)} m_{021}^{(00)} \\
&+2m_{001}^{(10)} m_{001}^{(20)} m_{101}^{(20)} m_{120}^{(11)} + 2m_{001}^{(10)} m_{001}^{(20)} m_{101}^{(20)} m_{030}^{(10)} - 2m_{001}^{(10)} m_{001}^{(20)} m_{101}^{(21)} m_{120}^{(10)} \\
&-2m_{001}^{(10)} m_{001}^{(20)} m_{101}^{(21)} m_{030}^{(00)} - 2m_{001}^{(10)} m_{001}^{(20)} m_{020}^{(00)} m_{111}^{(21)} - 2m_{001}^{(10)} m_{001}^{(20)} m_{020}^{(10)} m_{201}^{(21)} \\
&+2m_{001}^{(10)} m_{001}^{(20)} m_{020}^{(10)} m_{111}^{(20)} + 2m_{001}^{(10)} m_{001}^{(20)} m_{020}^{(11)} m_{201}^{(20)} + 2m_{001}^{(10)} m_{001}^{(20)} m_{020}^{(20)} m_{201}^{(11)} \\
&+2m_{001}^{(10)} m_{001}^{(20)} m_{020}^{(20)} m_{111}^{(10)} - 2m_{001}^{(10)} m_{001}^{(20)} m_{020}^{(21)} m_{201}^{(10)} - 2m_{001}^{(10)} m_{001}^{(20)} m_{020}^{(21)} m_{111}^{(00)} \\
&+2m_{001}^{(10)} m_{001}^{(20)} m_{011}^{(00)} m_{120}^{(21)} - 2m_{001}^{(10)} m_{001}^{(20)} m_{011}^{(00)} m_{111}^{(11)} + 2m_{001}^{(10)} m_{001}^{(20)} m_{011}^{(10)} m_{210}^{(21)} \\
&-2m_{001}^{(10)} m_{001}^{(20)} m_{011}^{(10)} m_{120}^{(20)} + 4m_{001}^{(10)} m_{001}^{(20)} m_{011}^{(10)} m_{111}^{(10)} - 2m_{001}^{(10)} m_{001}^{(20)} m_{011}^{(11)} m_{210}^{(20)} \\
&-2m_{001}^{(10)} m_{001}^{(20)} m_{011}^{(11)} m_{111}^{(00)} - 2m_{001}^{(10)} m_{001}^{(20)} m_{011}^{(20)} m_{210}^{(11)} - 2m_{001}^{(10)} m_{001}^{(20)} m_{011}^{(20)} m_{120}^{(10)} \\
&+2m_{001}^{(10)} m_{001}^{(20)} m_{011}^{(21)} m_{210}^{(10)} + 2m_{001}^{(10)} m_{001}^{(20)} m_{011}^{(21)} m_{120}^{(00)} + 2m_{001}^{(10)} m_{001}^{(20)} m_{002}^{(00)} m_{120}^{(11)} \\
&-4m_{001}^{(10)} m_{001}^{(20)} m_{002}^{(10)} m_{120}^{(10)} + 2m_{001}^{(10)} m_{001}^{(20)} m_{002}^{(11)} m_{120}^{(00)} - 2m_{001}^{(10)} m_{001}^{(21)} m_{200}^{(00)} m_{021}^{(21)} \\
&-2m_{001}^{(10)} m_{001}^{(21)} m_{200}^{(10)} m_{111}^{(21)} + 2m_{001}^{(10)} m_{001}^{(21)} m_{200}^{(10)} m_{021}^{(20)} + 2m_{001}^{(10)} m_{001}^{(21)} m_{200}^{(11)} m_{111}^{(20)} \\
&+2m_{001}^{(10)} m_{001}^{(21)} m_{200}^{(20)} m_{111}^{(11)} + 2m_{001}^{(10)} m_{001}^{(21)} m_{200}^{(20)} m_{021}^{(10)} - 2m_{001}^{(10)} m_{001}^{(21)} m_{200}^{(21)} m_{111}^{(10)} \\
&-2m_{001}^{(10)} m_{001}^{(21)} m_{200}^{(21)} m_{021}^{(00)} + 2m_{001}^{(10)} m_{001}^{(21)} m_{110}^{(00)} m_{111}^{(21)} - 2m_{001}^{(10)} m_{001}^{(21)} m_{110}^{(00)} m_{102}^{(11)} \\
&+2m_{001}^{(10)} m_{001}^{(21)} m_{110}^{(10)} m_{201}^{(21)} - 2m_{001}^{(10)} m_{001}^{(21)} m_{110}^{(10)} m_{111}^{(20)} + 4m_{001}^{(10)} m_{001}^{(21)} m_{110}^{(10)} m_{102}^{(10)} \\
&-2m_{001}^{(10)} m_{001}^{(21)} m_{110}^{(11)} m_{201}^{(20)} - 2m_{001}^{(10)} m_{001}^{(21)} m_{110}^{(11)} m_{102}^{(00)} - 2m_{001}^{(10)} m_{001}^{(21)} m_{110}^{(20)} m_{201}^{(11)} \\
&-2m_{001}^{(10)} m_{001}^{(21)} m_{110}^{(20)} m_{111}^{(10)} + 2m_{001}^{(10)} m_{001}^{(21)} m_{110}^{(21)} m_{201}^{(10)} + 2m_{001}^{(10)} m_{001}^{(21)} m_{110}^{(21)} m_{111}^{(00)} \\
&+2m_{001}^{(10)} m_{001}^{(21)} m_{101}^{(00)} m_{120}^{(21)} + 2m_{001}^{(10)} m_{001}^{(21)} m_{101}^{(00)} m_{111}^{(11)} + 2m_{001}^{(10)} m_{001}^{(21)} m_{101}^{(10)} m_{210}^{(21)} \\
&-2m_{001}^{(10)} m_{001}^{(21)} m_{101}^{(10)} m_{120}^{(20)} - 4m_{001}^{(10)} m_{001}^{(21)} m_{101}^{(10)} m_{111}^{(10)} - 2m_{001}^{(10)} m_{001}^{(21)} m_{101}^{(11)} m_{210}^{(20)} \\
&+2m_{001}^{(10)} m_{001}^{(21)} m_{101}^{(11)} m_{111}^{(00)} - 2m_{001}^{(10)} m_{001}^{(21)} m_{101}^{(20)} m_{210}^{(11)} - 2m_{001}^{(10)} m_{001}^{(21)} m_{101}^{(20)} m_{120}^{(10)} \\
&+2m_{001}^{(10)} m_{001}^{(21)} m_{101}^{(21)} m_{210}^{(10)} + 2m_{001}^{(10)} m_{001}^{(21)} m_{101}^{(21)} m_{120}^{(00)} - 2m_{001}^{(10)} m_{001}^{(21)} m_{011}^{(00)} m_{210}^{(21)} \\
&+2m_{001}^{(10)} m_{001}^{(21)} m_{011}^{(00)} m_{201}^{(11)} - 2m_{001}^{(10)} m_{001}^{(21)} m_{011}^{(10)} m_{300}^{(21)} + 2m_{001}^{(10)} m_{001}^{(21)} m_{011}^{(10)} m_{210}^{(20)} \\
&-4m_{001}^{(10)} m_{001}^{(21)} m_{011}^{(10)} m_{201}^{(10)} + 2m_{001}^{(10)} m_{001}^{(21)} m_{011}^{(11)} m_{300}^{(20)} + 2m_{001}^{(10)} m_{001}^{(21)} m_{011}^{(11)} m_{201}^{(00)}
\end{aligned}
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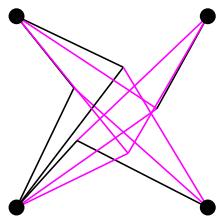
\begin{aligned}
&+2m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(11)}+2m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(10)}-2m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(10)}\\
&-2m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(00)}-2m_{001}^{(10)}m_{001}^{(21)}m_{002}^{(00)}m_{210}^{(11)}+4m_{001}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{210}^{(10)}\\
&-2m_{001}^{(10)}m_{001}^{(21)}m_{002}^{(11)}m_{210}^{(00)}+m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(21)}+m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(21)}\\
&-m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(20)}-m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(20)}-m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(20)}m_{120}^{(11)}\\
&-m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(10)}+m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(10)}+m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{030}^{(00)}\\
&-2m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(21)}-2m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(21)}+2m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(20)}\\
&+2m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(20)}+2m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{210}^{(11)}+2m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(10)}\\
&-2m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(10)}-2m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{120}^{(00)}+m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(21)}\\
&+m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(21)}-m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(20)}-m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(20)}\\
&-m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{300}^{(11)}-m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(10)}+m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(10)}\\
&+m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(21)}m_{210}^{(00)}-(m_{001}^{(11)})^2m_{200}^{(00)}m_{102}^{(21)}+(m_{001}^{(11)})^2m_{200}^{(10)}m_{102}^{(20)}\\
&+(m_{001}^{(11)})^2m_{200}^{(20)}m_{102}^{(10)}-(m_{001}^{(11)})^2m_{200}^{(21)}m_{102}^{(00)}+2(m_{001}^{(11)})^2m_{101}^{(00)}m_{201}^{(21)}\\
&-2(m_{001}^{(11)})^2m_{101}^{(10)}m_{201}^{(20)}-2(m_{001}^{(11)})^2m_{101}^{(20)}m_{201}^{(10)}+2(m_{001}^{(11)})^2m_{101}^{(21)}m_{201}^{(00)}\\
&-(m_{001}^{(11)})^2m_{002}^{(00)}m_{300}^{(21)}+(m_{001}^{(11)})^2m_{002}^{(10)}m_{300}^{(20)}+(m_{001}^{(11)})^2m_{002}^{(20)}m_{300}^{(10)}\\
&-(m_{001}^{(11)})^2m_{002}^{(21)}m_{300}^{(00)}-m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(00)}m_{012}^{(11)}+2m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{012}^{(10)}\\
&-m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(11)}m_{012}^{(00)}-2m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(00)}m_{111}^{(21)}+2m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(20)}\\
&+2m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(10)}-2m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(00)}+2m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{120}^{(21)}\\
&+2m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{111}^{(11)}-2m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(20)}-4m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(10)}\\
&+2m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(00)}-2m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(10)}+2m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(00)}\\
&+2m_{001}^{(11)}m_{001}^{(20)}m_{020}^{(00)}m_{201}^{(21)}-2m_{001}^{(11)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(20)}-2m_{001}^{(11)}m_{001}^{(20)}m_{020}^{(20)}m_{201}^{(10)}\\
&+2m_{001}^{(11)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(00)}-2m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{210}^{(21)}+2m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(20)}\\
&+2m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(10)}-2m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(00)}-m_{001}^{(11)}m_{001}^{(20)}m_{002}^{(00)}m_{210}^{(11)}\\
&+2m_{001}^{(11)}m_{001}^{(20)}m_{002}^{(10)}m_{210}^{(10)}-m_{001}^{(11)}m_{001}^{(20)}m_{002}^{(11)}m_{210}^{(00)}+2m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{111}^{(11)}\\
&+m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{102}^{(11)}-2m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(20)}-2m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{102}^{(10)}\\
&+m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(11)}m_{102}^{(00)}-2m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(10)}+2m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(00)}\\
&-2m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{201}^{(21)}+2m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(20)}+2m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(10)}\\
&-2m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(00)}-2m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{210}^{(21)}-2m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{201}^{(11)}\\
&+2m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(20)}+4m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{201}^{(10)}-2m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(00)}\\
&+2m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(10)}-2m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(00)}+2m_{001}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{300}^{(21)}\\
&-2m_{001}^{(11)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(20)}-2m_{001}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(10)}+2m_{001}^{(11)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(00)}\\
&+m_{001}^{(11)}m_{001}^{(21)}m_{002}^{(00)}m_{300}^{(11)}-2m_{001}^{(11)}m_{001}^{(21)}m_{002}^{(10)}m_{300}^{(10)}+m_{001}^{(11)}m_{001}^{(21)}m_{002}^{(11)}m_{300}^{(00)}\\
&-m_{001}^{(11)}m_{001}^{(22)}m_{200}^{(00)}m_{120}^{(21)}+m_{001}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(20)}+m_{001}^{(11)}m_{001}^{(22)}m_{200}^{(20)}m_{120}^{(10)}\\
&-m_{001}^{(11)}m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(00)}+2m_{001}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{210}^{(21)}-2m_{001}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(20)}\\
&-2m_{001}^{(11)}m_{001}^{(22)}m_{110}^{(20)}m_{210}^{(10)}+2m_{001}^{(11)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(00)}-m_{001}^{(11)}m_{001}^{(22)}m_{020}^{(00)}m_{300}^{(21)}\\
&+m_{001}^{(11)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(20)}+m_{001}^{(11)}m_{001}^{(22)}m_{020}^{(20)}m_{300}^{(10)}-m_{001}^{(11)}m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(00)}\\
&-2(m_{001}^{(20)})^2m_{110}^{(00)}m_{021}^{(11)}+4(m_{001}^{(20)})^2m_{110}^{(10)}m_{021}^{(10)}-2(m_{001}^{(20)})^2m_{110}^{(11)}m_{021}^{(00)}\\
&+2(m_{001}^{(20)})^2m_{101}^{(00)}m_{030}^{(11)}-4(m_{001}^{(20)})^2m_{101}^{(10)}m_{030}^{(10)}+2(m_{001}^{(20)})^2m_{101}^{(11)}m_{030}^{(00)}\\
&+2(m_{001}^{(20)})^2m_{020}^{(00)}m_{111}^{(11)}-4(m_{001}^{(20)})^2m_{020}^{(10)}m_{111}^{(10)}+2(m_{001}^{(20)})^2m_{020}^{(11)}m_{111}^{(00)}
\end{aligned}
$$

$$
\begin{aligned}
&-2(m_{001}^{(20)})^2 m_{011}^{(00)} m_{120}^{(11)} + 4(m_{001}^{(20)})^2 m_{011}^{(10)} m_{120}^{(10)} - 2(m_{001}^{(20)})^2 m_{011}^{(11)} m_{120}^{(00)} \\
&+2m_{001}^{(20)} m_{001}^{(21)} m_{200}^{(00)} m_{021}^{(11)} - 4m_{001}^{(20)} m_{001}^{(21)} m_{200}^{(10)} m_{021}^{(10)} + 2m_{001}^{(20)} m_{001}^{(21)} m_{200}^{(11)} m_{021}^{(00)} \\
&-4m_{001}^{(20)} m_{001}^{(21)} m_{101}^{(00)} m_{120}^{(11)} + 8m_{001}^{(20)} m_{001}^{(21)} m_{101}^{(10)} m_{120}^{(10)} - 4m_{001}^{(20)} m_{001}^{(21)} m_{101}^{(11)} m_{120}^{(00)} \\
&-2m_{001}^{(20)} m_{001}^{(21)} m_{020}^{(00)} m_{201}^{(11)} + 4m_{001}^{(20)} m_{001}^{(21)} m_{020}^{(10)} m_{201}^{(10)} - 2m_{001}^{(20)} m_{001}^{(21)} m_{020}^{(11)} m_{201}^{(00)} \\
&+4m_{001}^{(20)} m_{001}^{(21)} m_{011}^{(00)} m_{210}^{(11)} - 8m_{001}^{(20)} m_{001}^{(21)} m_{011}^{(10)} m_{210}^{(10)} + 4m_{001}^{(20)} m_{001}^{(21)} m_{011}^{(11)} m_{210}^{(00)} \\
&-m_{001}^{(20)} m_{001}^{(22)} m_{200}^{(00)} m_{030}^{(11)} + 2m_{001}^{(20)} m_{001}^{(22)} m_{200}^{(10)} m_{030}^{(10)} - m_{001}^{(20)} m_{001}^{(22)} m_{200}^{(11)} m_{030}^{(00)} \\
&+2m_{001}^{(20)} m_{001}^{(22)} m_{110}^{(00)} m_{120}^{(11)} - 4m_{001}^{(20)} m_{001}^{(22)} m_{110}^{(10)} m_{120}^{(10)} + 2m_{001}^{(20)} m_{001}^{(22)} m_{110}^{(11)} m_{120}^{(00)} \\
&-m_{001}^{(20)} m_{001}^{(22)} m_{020}^{(00)} m_{210}^{(11)} + 2m_{001}^{(20)} m_{001}^{(22)} m_{020}^{(10)} m_{210}^{(10)} - m_{001}^{(20)} m_{001}^{(22)} m_{020}^{(11)} m_{210}^{(00)} \\
&-2(m_{001}^{(21)})^2 m_{200}^{(00)} m_{111}^{(11)} + 4(m_{001}^{(21)})^2 m_{200}^{(10)} m_{111}^{(10)} - 2(m_{001}^{(21)})^2 m_{200}^{(11)} m_{111}^{(00)} \\
&+2(m_{001}^{(21)})^2 m_{110}^{(00)} m_{201}^{(11)} - 4(m_{001}^{(21)})^2 m_{110}^{(10)} m_{201}^{(10)} + 2(m_{001}^{(21)})^2 m_{110}^{(11)} m_{201}^{(00)} \\
&+2(m_{001}^{(21)})^2 m_{101}^{(00)} m_{210}^{(11)} - 4(m_{001}^{(21)})^2 m_{101}^{(10)} m_{210}^{(10)} + 2(m_{001}^{(21)})^2 m_{101}^{(11)} m_{210}^{(00)} \\
&-2(m_{001}^{(21)})^2 m_{011}^{(00)} m_{300}^{(11)} + 4(m_{001}^{(21)})^2 m_{011}^{(10)} m_{300}^{(10)} - 2(m_{001}^{(21)})^2 m_{011}^{(11)} m_{300}^{(00)} \\
&+m_{001}^{(21)} m_{001}^{(22)} m_{200}^{(00)} m_{120}^{(11)} - 2m_{001}^{(21)} m_{001}^{(22)} m_{200}^{(10)} m_{120}^{(10)} + m_{001}^{(21)} m_{001}^{(22)} m_{200}^{(11)} m_{120}^{(00)} \\
&-2m_{001}^{(21)} m_{001}^{(22)} m_{110}^{(00)} m_{210}^{(11)} + 4m_{001}^{(21)} m_{001}^{(22)} m_{110}^{(10)} m_{210}^{(10)} - 2m_{001}^{(21)} m_{001}^{(22)} m_{110}^{(11)} m_{210}^{(00)} \\
&+m_{001}^{(21)} m_{001}^{(22)} m_{020}^{(00)} m_{300}^{(11)} - 2m_{001}^{(21)} m_{001}^{(22)} m_{020}^{(10)} m_{300}^{(10)} + m_{001}^{(21)} m_{001}^{(22)} m_{020}^{(11)} m_{300}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{ccccc}
V1 & V1 & 1 & 1 & 1 \\
V2 & V2 & 2 & 2 & V3 \\
V3 & 3 & V4 & V4 & 4
\end{array}
$$



$$
\begin{aligned}
T_{95} \;=\;& -m_{100}^{(00)} m_{100}^{(10)} m_{020}^{(11)} m_{003}^{(22)} + m_{100}^{(00)} m_{100}^{(10)} m_{020}^{(21)} m_{012}^{(22)} + m_{100}^{(00)} m_{100}^{(10)} m_{020}^{(21)} m_{003}^{(21)} \\
&-m_{100}^{(00)} m_{100}^{(10)} m_{020}^{(22)} m_{012}^{(21)} + 2m_{100}^{(00)} m_{100}^{(10)} m_{011}^{(11)} m_{012}^{(22)} - 2m_{100}^{(00)} m_{100}^{(10)} m_{011}^{(21)} m_{021}^{(22)} \\
&-2m_{100}^{(00)} m_{100}^{(10)} m_{011}^{(21)} m_{012}^{(21)} + 2m_{100}^{(00)} m_{100}^{(10)} m_{011}^{(22)} m_{021}^{(21)} - m_{100}^{(00)} m_{100}^{(10)} m_{002}^{(11)} m_{021}^{(22)} \\
&+m_{100}^{(00)} m_{100}^{(10)} m_{002}^{(21)} m_{030}^{(22)} + m_{100}^{(00)} m_{100}^{(10)} m_{002}^{(21)} m_{021}^{(21)} - m_{100}^{(00)} m_{100}^{(10)} m_{002}^{(22)} m_{030}^{(21)} \\
&+m_{100}^{(00)} m_{100}^{(11)} m_{020}^{(10)} m_{003}^{(22)} - m_{100}^{(00)} m_{100}^{(11)} m_{020}^{(20)} m_{012}^{(22)} - m_{100}^{(00)} m_{100}^{(11)} m_{020}^{(21)} m_{003}^{(20)} \\
&+m_{100}^{(00)} m_{100}^{(11)} m_{020}^{(22)} m_{012}^{(20)} - 2m_{100}^{(00)} m_{100}^{(11)} m_{011}^{(10)} m_{012}^{(22)} + 2m_{100}^{(00)} m_{100}^{(11)} m_{011}^{(20)} m_{021}^{(22)} \\
&+2m_{100}^{(00)} m_{100}^{(11)} m_{011}^{(21)} m_{012}^{(20)} - 2m_{100}^{(00)} m_{100}^{(11)} m_{011}^{(22)} m_{021}^{(20)} + m_{100}^{(00)} m_{100}^{(11)} m_{002}^{(10)} m_{021}^{(22)} \\
&-m_{100}^{(00)} m_{100}^{(11)} m_{002}^{(20)} m_{030}^{(22)} - m_{100}^{(00)} m_{100}^{(11)} m_{002}^{(21)} m_{021}^{(20)} + m_{100}^{(00)} m_{100}^{(11)} m_{002}^{(22)} m_{030}^{(20)}
\end{aligned}
$$

$$
\begin{aligned}
&+m_{100}^{(00)}m_{100}^{(20)}m_{020}^{(11)}m_{003}^{(21)} - m_{100}^{(00)}m_{100}^{(20)}m_{020}^{(21)}m_{012}^{(21)} - m_{100}^{(00)}m_{100}^{(20)}m_{020}^{(21)}m_{003}^{(11)}\\
&+m_{100}^{(00)}m_{100}^{(20)}m_{020}^{(22)}m_{012}^{(11)} - 2m_{100}^{(00)}m_{100}^{(20)}m_{011}^{(11)}m_{012}^{(21)} + 2m_{100}^{(00)}m_{100}^{(20)}m_{011}^{(21)}m_{021}^{(21)}\\
&+2m_{100}^{(00)}m_{100}^{(20)}m_{011}^{(21)}m_{012}^{(11)} - 2m_{100}^{(00)}m_{100}^{(20)}m_{011}^{(22)}m_{021}^{(11)} + m_{100}^{(00)}m_{100}^{(20)}m_{002}^{(11)}m_{021}^{(21)}\\
&-m_{100}^{(00)}m_{100}^{(20)}m_{002}^{(21)}m_{030}^{(21)} - m_{100}^{(00)}m_{100}^{(20)}m_{002}^{(21)}m_{021}^{(11)} + m_{100}^{(00)}m_{100}^{(20)}m_{002}^{(22)}m_{030}^{(11)}\\
&-2m_{100}^{(00)}m_{100}^{(21)}m_{020}^{(10)}m_{003}^{(21)} + m_{100}^{(00)}m_{100}^{(21)}m_{020}^{(11)}m_{003}^{(20)} + 2m_{100}^{(00)}m_{100}^{(21)}m_{020}^{(20)}m_{012}^{(21)}\\
&-m_{100}^{(00)}m_{100}^{(21)}m_{020}^{(21)}m_{012}^{(20)} + m_{100}^{(00)}m_{100}^{(21)}m_{020}^{(21)}m_{003}^{(10)} - m_{100}^{(00)}m_{100}^{(21)}m_{020}^{(22)}m_{012}^{(10)}\\
&+4m_{100}^{(00)}m_{100}^{(21)}m_{011}^{(10)}m_{012}^{(21)} - 2m_{100}^{(00)}m_{100}^{(21)}m_{011}^{(11)}m_{012}^{(20)} - 4m_{100}^{(00)}m_{100}^{(21)}m_{011}^{(20)}m_{021}^{(21)}\\
&+2m_{100}^{(00)}m_{100}^{(21)}m_{011}^{(21)}m_{021}^{(20)} - 2m_{100}^{(00)}m_{100}^{(21)}m_{011}^{(21)}m_{012}^{(10)} + 2m_{100}^{(00)}m_{100}^{(21)}m_{011}^{(22)}m_{021}^{(10)}\\
&-2m_{100}^{(00)}m_{100}^{(21)}m_{002}^{(10)}m_{021}^{(21)} + m_{100}^{(00)}m_{100}^{(21)}m_{002}^{(11)}m_{021}^{(20)} + 2m_{100}^{(00)}m_{100}^{(21)}m_{002}^{(20)}m_{030}^{(21)}\\
&-m_{100}^{(00)}m_{100}^{(21)}m_{002}^{(21)}m_{030}^{(20)} + m_{100}^{(00)}m_{100}^{(21)}m_{002}^{(21)}m_{021}^{(10)} - m_{100}^{(00)}m_{100}^{(21)}m_{002}^{(22)}m_{030}^{(10)}\\
&+m_{100}^{(00)}m_{100}^{(22)}m_{020}^{(10)}m_{003}^{(11)} - m_{100}^{(00)}m_{100}^{(22)}m_{020}^{(11)}m_{003}^{(10)} - m_{100}^{(00)}m_{100}^{(22)}m_{020}^{(20)}m_{012}^{(11)}\\
&+m_{100}^{(00)}m_{100}^{(22)}m_{020}^{(21)}m_{012}^{(10)} - 2m_{100}^{(00)}m_{100}^{(22)}m_{011}^{(10)}m_{012}^{(11)} + 2m_{100}^{(00)}m_{100}^{(22)}m_{011}^{(11)}m_{012}^{(10)}\\
&+2m_{100}^{(00)}m_{100}^{(22)}m_{011}^{(20)}m_{021}^{(11)} - 2m_{100}^{(00)}m_{100}^{(22)}m_{011}^{(21)}m_{021}^{(10)} + m_{100}^{(00)}m_{100}^{(22)}m_{002}^{(10)}m_{021}^{(11)}\\
&-m_{100}^{(00)}m_{100}^{(22)}m_{002}^{(11)}m_{021}^{(10)} - m_{100}^{(00)}m_{100}^{(22)}m_{002}^{(20)}m_{030}^{(11)} + m_{100}^{(00)}m_{100}^{(22)}m_{002}^{(21)}m_{030}^{(10)}\\
&+m_{100}^{(00)}m_{010}^{(00)}m_{020}^{(11)}m_{003}^{(22)} - m_{100}^{(00)}m_{010}^{(00)}m_{020}^{(21)}m_{012}^{(22)} - m_{100}^{(00)}m_{010}^{(00)}m_{020}^{(21)}m_{003}^{(21)}\\
&+m_{100}^{(00)}m_{010}^{(00)}m_{020}^{(22)}m_{012}^{(21)} - 2m_{100}^{(00)}m_{010}^{(00)}m_{011}^{(11)}m_{012}^{(22)} + 2m_{100}^{(00)}m_{010}^{(00)}m_{011}^{(21)}m_{021}^{(22)}\\
&+2m_{100}^{(00)}m_{010}^{(00)}m_{011}^{(21)}m_{012}^{(21)} - 2m_{100}^{(00)}m_{010}^{(00)}m_{011}^{(22)}m_{021}^{(21)} + m_{100}^{(00)}m_{010}^{(00)}m_{002}^{(11)}m_{021}^{(22)}\\
&-m_{100}^{(00)}m_{010}^{(00)}m_{002}^{(21)}m_{030}^{(22)} - m_{100}^{(00)}m_{010}^{(00)}m_{002}^{(21)}m_{021}^{(21)} + m_{100}^{(00)}m_{010}^{(00)}m_{002}^{(22)}m_{030}^{(21)}\\
&-2m_{100}^{(00)}m_{010}^{(10)}m_{110}^{(11)}m_{003}^{(22)} + 2m_{100}^{(00)}m_{010}^{(10)}m_{110}^{(21)}m_{012}^{(22)} + 2m_{100}^{(00)}m_{010}^{(10)}m_{110}^{(21)}m_{003}^{(21)}\\
&-2m_{100}^{(00)}m_{010}^{(10)}m_{110}^{(22)}m_{012}^{(21)} + 2m_{100}^{(00)}m_{010}^{(10)}m_{101}^{(11)}m_{012}^{(22)} - 2m_{100}^{(00)}m_{010}^{(10)}m_{101}^{(21)}m_{021}^{(22)}\\
&-2m_{100}^{(00)}m_{010}^{(10)}m_{101}^{(21)}m_{012}^{(21)} + 2m_{100}^{(00)}m_{010}^{(10)}m_{101}^{(22)}m_{021}^{(21)} + m_{100}^{(00)}m_{010}^{(10)}m_{020}^{(10)}m_{003}^{(22)}\\
&-m_{100}^{(00)}m_{010}^{(10)}m_{020}^{(20)}m_{003}^{(21)} - m_{100}^{(00)}m_{010}^{(10)}m_{020}^{(21)}m_{102}^{(22)} + m_{100}^{(00)}m_{010}^{(10)}m_{020}^{(22)}m_{102}^{(21)}\\
&-2m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(10)}m_{012}^{(22)} + 2m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(11)}m_{102}^{(22)} + 2m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(20)}m_{012}^{(21)}\\
&-2m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{102}^{(21)} + m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(10)}m_{021}^{(22)} - 2m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(11)}m_{111}^{(22)}\\
&-m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(20)}m_{021}^{(21)} + m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(21)}m_{120}^{(22)} + 2m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(21)}m_{111}^{(21)}\\
&-m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(22)}m_{120}^{(21)} + m_{100}^{(00)}m_{010}^{(11)}m_{200}^{(11)}m_{003}^{(22)} - m_{100}^{(00)}m_{010}^{(11)}m_{200}^{(21)}m_{012}^{(22)}\\
&-m_{100}^{(00)}m_{010}^{(11)}m_{200}^{(21)}m_{003}^{(21)} + m_{100}^{(00)}m_{010}^{(11)}m_{200}^{(22)}m_{012}^{(21)} - 2m_{100}^{(00)}m_{010}^{(11)}m_{101}^{(11)}m_{102}^{(22)}\\
&+2m_{100}^{(00)}m_{010}^{(11)}m_{101}^{(21)}m_{111}^{(22)} + 2m_{100}^{(00)}m_{010}^{(11)}m_{101}^{(21)}m_{102}^{(21)} - 2m_{100}^{(00)}m_{010}^{(11)}m_{101}^{(22)}m_{111}^{(21)}\\
&-m_{100}^{(00)}m_{010}^{(11)}m_{020}^{(00)}m_{003}^{(22)} + m_{100}^{(00)}m_{010}^{(11)}m_{020}^{(20)}m_{102}^{(22)} + m_{100}^{(00)}m_{010}^{(11)}m_{020}^{(20)}m_{003}^{(20)}\\
&-m_{100}^{(00)}m_{010}^{(11)}m_{020}^{(22)}m_{102}^{(20)} + 2m_{100}^{(00)}m_{010}^{(11)}m_{011}^{(00)}m_{012}^{(22)} - 2m_{100}^{(00)}m_{010}^{(11)}m_{011}^{(20)}m_{111}^{(22)}\\
&-2m_{100}^{(00)}m_{010}^{(11)}m_{011}^{(20)}m_{012}^{(20)} + 2m_{100}^{(00)}m_{010}^{(11)}m_{011}^{(22)}m_{111}^{(20)} - m_{100}^{(00)}m_{010}^{(11)}m_{002}^{(00)}m_{021}^{(22)}\\
&+m_{100}^{(00)}m_{010}^{(11)}m_{002}^{(11)}m_{201}^{(22)} + m_{100}^{(00)}m_{010}^{(11)}m_{002}^{(20)}m_{120}^{(22)} + m_{100}^{(00)}m_{010}^{(11)}m_{002}^{(20)}m_{021}^{(20)}\\
&-m_{100}^{(00)}m_{010}^{(11)}m_{002}^{(21)}m_{210}^{(22)} - m_{100}^{(00)}m_{010}^{(11)}m_{002}^{(21)}m_{201}^{(21)} + m_{100}^{(00)}m_{010}^{(11)}m_{002}^{(22)}m_{210}^{(21)}\\
&-m_{100}^{(00)}m_{010}^{(11)}m_{002}^{(22)}m_{120}^{(20)} + 2m_{100}^{(00)}m_{010}^{(20)}m_{110}^{(11)}m_{012}^{(22)} - 2m_{100}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{021}^{(22)}\\
&-2m_{100}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{012}^{(21)} + 2m_{100}^{(00)}m_{010}^{(20)}m_{110}^{(22)}m_{021}^{(21)} - 2m_{100}^{(00)}m_{010}^{(20)}m_{101}^{(11)}m_{021}^{(22)}\\
&+2m_{100}^{(00)}m_{010}^{(20)}m_{101}^{(21)}m_{030}^{(22)} + 2m_{100}^{(00)}m_{010}^{(20)}m_{101}^{(21)}m_{021}^{(21)} - 2m_{100}^{(00)}m_{010}^{(20)}m_{101}^{(22)}m_{030}^{(21)}\\
&-m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(10)}m_{003}^{(21)} - 2m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(11)}m_{102}^{(22)} + m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(20)}m_{003}^{(11)}\\
&+2m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(21)}m_{111}^{(22)} + 3m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(21)}m_{102}^{(21)} - 2m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(22)}m_{111}^{(21)}
\end{aligned}
$$

$$
\begin{aligned}
&-m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(22)}m_{102}^{(11)}+2m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(10)}m_{012}^{(21)}+2m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(11)}m_{111}^{(22)}\\
&-2m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(20)}m_{012}^{(11)}-2m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{120}^{(22)}-4m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(21)}\\
&+2m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(22)}m_{120}^{(21)}+2m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(22)}m_{111}^{(11)}-m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(10)}m_{021}^{(21)}\\
&+m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(20)}m_{021}^{(11)}+m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{120}^{(21)}-m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(22)}m_{120}^{(11)}\\
&-2m_{100}^{(00)}m_{010}^{(21)}m_{200}^{(11)}m_{012}^{(22)}+2m_{100}^{(00)}m_{010}^{(21)}m_{200}^{(21)}m_{021}^{(22)}+2m_{100}^{(00)}m_{010}^{(21)}m_{200}^{(21)}m_{012}^{(21)}\\
&-2m_{100}^{(00)}m_{010}^{(21)}m_{200}^{(22)}m_{021}^{(21)}+2m_{100}^{(00)}m_{010}^{(21)}m_{110}^{(11)}m_{102}^{(22)}-2m_{100}^{(00)}m_{010}^{(21)}m_{110}^{(21)}m_{111}^{(22)}\\
&-2m_{100}^{(00)}m_{010}^{(21)}m_{110}^{(21)}m_{102}^{(21)}+2m_{100}^{(00)}m_{010}^{(21)}m_{110}^{(22)}m_{111}^{(21)}+2m_{100}^{(00)}m_{010}^{(21)}m_{101}^{(11)}m_{111}^{(22)}\\
&-2m_{100}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{120}^{(22)}-2m_{100}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(21)}+2m_{100}^{(00)}m_{010}^{(21)}m_{101}^{(22)}m_{120}^{(21)}\\
&+2m_{100}^{(00)}m_{010}^{(21)}m_{020}^{(00)}m_{003}^{(21)}-m_{100}^{(00)}m_{010}^{(21)}m_{020}^{(10)}m_{003}^{(20)}-2m_{100}^{(00)}m_{010}^{(21)}m_{020}^{(20)}m_{102}^{(21)}\\
&-m_{100}^{(00)}m_{010}^{(21)}m_{020}^{(20)}m_{003}^{(10)}+m_{100}^{(00)}m_{010}^{(21)}m_{020}^{(21)}m_{102}^{(20)}+m_{100}^{(00)}m_{010}^{(21)}m_{020}^{(22)}m_{102}^{(10)}\\
&-4m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(00)}m_{012}^{(21)}+2m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(10)}m_{012}^{(20)}-2m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(11)}m_{201}^{(22)}\\
&+4m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{111}^{(21)}+2m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{012}^{(10)}+2m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{210}^{(22)}\\
&+2m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(21)}-2m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{111}^{(20)}-2m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{210}^{(21)}\\
&-2m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{111}^{(10)}+2m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(00)}m_{021}^{(21)}-m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(10)}m_{021}^{(20)}\\
&-2m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(20)}m_{120}^{(21)}-m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(20)}m_{021}^{(10)}+m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(21)}m_{120}^{(20)}\\
&+m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(22)}m_{120}^{(10)}+m_{100}^{(00)}m_{010}^{(22)}m_{200}^{(11)}m_{021}^{(22)}-m_{100}^{(00)}m_{010}^{(22)}m_{200}^{(21)}m_{030}^{(22)}\\
&-m_{100}^{(00)}m_{010}^{(22)}m_{200}^{(21)}m_{021}^{(21)}+m_{100}^{(00)}m_{010}^{(22)}m_{200}^{(22)}m_{030}^{(21)}-2m_{100}^{(00)}m_{010}^{(22)}m_{110}^{(11)}m_{111}^{(22)}\\
&+2m_{100}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{120}^{(22)}+2m_{100}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(21)}-2m_{100}^{(00)}m_{010}^{(22)}m_{110}^{(22)}m_{120}^{(21)}\\
&-m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(00)}m_{003}^{(11)}+m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(10)}m_{003}^{(10)}+m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(11)}m_{201}^{(22)}\\
&+m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(20)}m_{102}^{(11)}-m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(21)}m_{210}^{(22)}-m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(21)}m_{201}^{(21)}\\
&-m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(21)}m_{102}^{(10)}+m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(22)}m_{210}^{(21)}+2m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(00)}m_{012}^{(11)}\\
&-2m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(10)}m_{012}^{(10)}-2m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(20)}m_{111}^{(11)}+2m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{111}^{(10)}\\
&-m_{100}^{(00)}m_{010}^{(22)}m_{002}^{(00)}m_{021}^{(11)}+m_{100}^{(00)}m_{010}^{(22)}m_{002}^{(10)}m_{021}^{(10)}+m_{100}^{(00)}m_{010}^{(22)}m_{002}^{(20)}m_{120}^{(11)}\\
&-m_{100}^{(00)}m_{010}^{(22)}m_{002}^{(21)}m_{120}^{(10)}-m_{100}^{(00)}m_{001}^{(00)}m_{020}^{(11)}m_{003}^{(21)}+m_{100}^{(00)}m_{001}^{(00)}m_{020}^{(21)}m_{012}^{(21)}\\
&+m_{100}^{(00)}m_{001}^{(00)}m_{020}^{(21)}m_{003}^{(11)}-m_{100}^{(00)}m_{001}^{(00)}m_{020}^{(22)}m_{012}^{(11)}+2m_{100}^{(00)}m_{001}^{(00)}m_{011}^{(11)}m_{012}^{(21)}\\
&-2m_{100}^{(00)}m_{001}^{(00)}m_{011}^{(21)}m_{021}^{(21)}-2m_{100}^{(00)}m_{001}^{(00)}m_{011}^{(21)}m_{012}^{(11)}+2m_{100}^{(00)}m_{001}^{(00)}m_{011}^{(22)}m_{021}^{(11)}\\
&-m_{100}^{(00)}m_{001}^{(00)}m_{002}^{(11)}m_{021}^{(21)}+m_{100}^{(00)}m_{001}^{(00)}m_{002}^{(21)}m_{030}^{(21)}+m_{100}^{(00)}m_{001}^{(00)}m_{002}^{(21)}m_{021}^{(11)}\\
&-m_{100}^{(00)}m_{001}^{(00)}m_{002}^{(22)}m_{030}^{(11)}+2m_{100}^{(00)}m_{001}^{(10)}m_{110}^{(11)}m_{003}^{(21)}-2m_{100}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(21)}\\
&-2m_{100}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{003}^{(11)}+2m_{100}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{012}^{(11)}-2m_{100}^{(00)}m_{001}^{(10)}m_{101}^{(11)}m_{012}^{(21)}\\
&+2m_{100}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(21)}+2m_{100}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{012}^{(11)}-2m_{100}^{(00)}m_{001}^{(10)}m_{101}^{(22)}m_{021}^{(11)}\\
&-m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(10)}m_{012}^{(22)}+m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(11)}m_{102}^{(22)}+m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{012}^{(21)}\\
&-m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{102}^{(21)}+2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{021}^{(22)}-2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{111}^{(22)}\\
&-2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{102}^{(21)}-2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{021}^{(21)}+4m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(21)}\\
&+2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{102}^{(11)}-2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{111}^{(11)}-m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{030}^{(22)}\\
&+m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{120}^{(22)}+2m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{111}^{(21)}+m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(20)}m_{030}^{(21)}\\
&-3m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{120}^{(21)}-2m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{111}^{(11)}+2m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(22)}m_{120}^{(11)}\\
&-m_{100}^{(00)}m_{001}^{(11)}m_{200}^{(11)}m_{003}^{(21)}+m_{100}^{(00)}m_{001}^{(11)}m_{200}^{(21)}m_{012}^{(21)}+m_{100}^{(00)}m_{001}^{(11)}m_{200}^{(21)}m_{003}^{(11)}\\
&-m_{100}^{(00)}m_{001}^{(11)}m_{200}^{(22)}m_{012}^{(11)}+2m_{100}^{(00)}m_{001}^{(11)}m_{101}^{(11)}m_{102}^{(21)}-2m_{100}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(21)}
\end{aligned}
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\begin{aligned}
&-2m_{100}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{102}^{(11)}+2m_{100}^{(00)}m_{001}^{(11)}m_{101}^{(22)}m_{111}^{(11)}+m_{100}^{(00)}m_{001}^{(11)}m_{020}^{(00)}m_{012}^{(22)}\\
&-m_{100}^{(00)}m_{001}^{(11)}m_{020}^{(10)}m_{102}^{(22)}-m_{100}^{(00)}m_{001}^{(11)}m_{020}^{(20)}m_{012}^{(20)}+m_{100}^{(00)}m_{001}^{(11)}m_{020}^{(21)}m_{102}^{(20)}\\
&-2m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(00)}m_{021}^{(22)}+2m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(10)}m_{111}^{(22)}+2m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{021}^{(20)}\\
&-2m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{111}^{(20)}+m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(00)}m_{030}^{(22)}-m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(10)}m_{120}^{(22)}\\
&-m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(11)}m_{201}^{(21)}-m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(20)}m_{030}^{(20)}+m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{210}^{(21)}\\
&+m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{201}^{(11)}+m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{120}^{(20)}-m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(22)}m_{210}^{(11)}\\
&-2m_{100}^{(00)}m_{001}^{(20)}m_{110}^{(11)}m_{012}^{(21)}+2m_{100}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(21)}+2m_{100}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{012}^{(11)}\\
&-2m_{100}^{(00)}m_{001}^{(20)}m_{110}^{(22)}m_{021}^{(11)}+2m_{100}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{021}^{(21)}-2m_{100}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{030}^{(21)}\\
&-2m_{100}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{021}^{(11)}+2m_{100}^{(00)}m_{001}^{(20)}m_{101}^{(22)}m_{030}^{(11)}+m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{012}^{(21)}\\
&+m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{102}^{(21)}-m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{012}^{(11)}-2m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(21)}\\
&-m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{102}^{(11)}+2m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(22)}m_{111}^{(11)}-2m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{021}^{(21)}\\
&+2m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{021}^{(11)}+2m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(21)}-2m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(22)}m_{120}^{(11)}\\
&+m_{100}^{(00)}m_{001}^{(20)}m_{002}^{(10)}m_{030}^{(21)}-m_{100}^{(00)}m_{001}^{(20)}m_{002}^{(11)}m_{120}^{(21)}-m_{100}^{(00)}m_{001}^{(20)}m_{002}^{(20)}m_{030}^{(11)}\\
&+m_{100}^{(00)}m_{001}^{(20)}m_{002}^{(21)}m_{120}^{(11)}+2m_{100}^{(00)}m_{001}^{(21)}m_{200}^{(11)}m_{012}^{(21)}-2m_{100}^{(00)}m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(21)}\\
&-2m_{100}^{(00)}m_{001}^{(21)}m_{200}^{(21)}m_{012}^{(11)}+2m_{100}^{(00)}m_{001}^{(21)}m_{200}^{(22)}m_{021}^{(11)}-2m_{100}^{(00)}m_{001}^{(21)}m_{110}^{(11)}m_{102}^{(21)}\\
&+2m_{100}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(21)}+2m_{100}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{102}^{(11)}-2m_{100}^{(00)}m_{001}^{(21)}m_{110}^{(22)}m_{111}^{(11)}\\
&-2m_{100}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{111}^{(21)}+2m_{100}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(21)}+2m_{100}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{111}^{(11)}\\
&-2m_{100}^{(00)}m_{001}^{(21)}m_{101}^{(22)}m_{120}^{(11)}-2m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(00)}m_{012}^{(21)}+2m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{102}^{(21)}\\
&+m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{012}^{(20)}-m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(11)}m_{102}^{(20)}+m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{012}^{(10)}\\
&-m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{102}^{(10)}+4m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(00)}m_{021}^{(21)}-4m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(21)}\\
&-2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{021}^{(20)}+2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{021}^{(21)}+2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{111}^{(20)}\\
&-2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{021}^{(10)}-2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(21)}-2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{201}^{(11)}\\
&+2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{111}^{(10)}+2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(22)}m_{210}^{(11)}-2m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(00)}m_{030}^{(21)}\\
&+2m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(10)}m_{120}^{(21)}+m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(10)}m_{030}^{(20)}-m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(11)}m_{120}^{(20)}\\
&+m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(20)}m_{030}^{(10)}-m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(21)}m_{120}^{(10)}-m_{100}^{(00)}m_{001}^{(22)}m_{200}^{(11)}m_{021}^{(21)}\\
&+m_{100}^{(00)}m_{001}^{(22)}m_{200}^{(21)}m_{030}^{(21)}+m_{100}^{(00)}m_{001}^{(22)}m_{200}^{(21)}m_{021}^{(11)}-m_{100}^{(00)}m_{001}^{(22)}m_{200}^{(22)}m_{030}^{(11)}\\
&+2m_{100}^{(00)}m_{001}^{(22)}m_{110}^{(11)}m_{111}^{(21)}-2m_{100}^{(00)}m_{001}^{(22)}m_{110}^{(21)}m_{120}^{(21)}-2m_{100}^{(00)}m_{001}^{(22)}m_{110}^{(21)}m_{111}^{(11)}\\
&+2m_{100}^{(00)}m_{001}^{(22)}m_{110}^{(22)}m_{120}^{(11)}+m_{100}^{(00)}m_{001}^{(22)}m_{020}^{(00)}m_{012}^{(11)}-m_{100}^{(00)}m_{001}^{(22)}m_{020}^{(10)}m_{102}^{(11)}\\
&-m_{100}^{(00)}m_{001}^{(22)}m_{020}^{(10)}m_{012}^{(10)}-m_{100}^{(00)}m_{001}^{(22)}m_{020}^{(11)}m_{201}^{(21)}+m_{100}^{(00)}m_{001}^{(22)}m_{020}^{(11)}m_{102}^{(10)}\\
&+m_{100}^{(00)}m_{001}^{(22)}m_{020}^{(21)}m_{210}^{(21)}+m_{100}^{(00)}m_{001}^{(22)}m_{020}^{(21)}m_{201}^{(11)}-m_{100}^{(00)}m_{001}^{(22)}m_{020}^{(22)}m_{210}^{(11)}\\
&-2m_{100}^{(00)}m_{001}^{(22)}m_{011}^{(00)}m_{021}^{(11)}+2m_{100}^{(00)}m_{001}^{(22)}m_{011}^{(10)}m_{111}^{(11)}+2m_{100}^{(00)}m_{001}^{(22)}m_{011}^{(10)}m_{021}^{(10)}\\
&-2m_{100}^{(00)}m_{001}^{(22)}m_{011}^{(11)}m_{111}^{(10)}+m_{100}^{(00)}m_{001}^{(22)}m_{002}^{(00)}m_{030}^{(11)}-m_{100}^{(00)}m_{001}^{(22)}m_{002}^{(10)}m_{120}^{(11)}\\
&-m_{100}^{(00)}m_{001}^{(22)}m_{002}^{(10)}m_{030}^{(10)}+m_{100}^{(00)}m_{001}^{(22)}m_{002}^{(11)}m_{120}^{(10)}+2(m_{100}^{(10)})^2m_{110}^{(11)}m_{003}^{(22)}\\
&-2(m_{100}^{(10)})^2m_{110}^{(21)}m_{012}^{(22)}-2(m_{100}^{(10)})^2m_{110}^{(21)}m_{003}^{(21)}+2(m_{100}^{(10)})^2m_{110}^{(22)}m_{012}^{(21)}\\
&-2(m_{100}^{(10)})^2m_{101}^{(11)}m_{012}^{(22)}+2(m_{100}^{(10)})^2m_{101}^{(21)}m_{021}^{(22)}+2(m_{100}^{(10)})^2m_{101}^{(21)}m_{012}^{(21)}\\
&-2(m_{100}^{(10)})^2m_{101}^{(22)}m_{021}^{(21)}-2(m_{100}^{(10)})^2m_{011}^{(11)}m_{102}^{(22)}+2(m_{100}^{(10)})^2m_{011}^{(21)}m_{111}^{(22)}\\
&+2(m_{100}^{(10)})^2m_{011}^{(21)}m_{102}^{(21)}-2(m_{100}^{(10)})^2m_{011}^{(22)}m_{111}^{(21)}+2(m_{100}^{(10)})^2m_{002}^{(11)}m_{111}^{(22)}\\
&-2(m_{100}^{(10)})^2m_{002}^{(21)}m_{120}^{(22)}-2(m_{100}^{(10)})^2m_{002}^{(21)}m_{111}^{(21)}+2(m_{100}^{(10)})^2m_{002}^{(22)}m_{120}^{(21)}
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\begin{aligned}
&-m_{100}^{(10)}m_{100}^{(11)}m_{200}^{(11)}m_{003}^{(22)}+m_{100}^{(10)}m_{100}^{(11)}m_{200}^{(21)}m_{012}^{(22)}+m_{100}^{(10)}m_{100}^{(11)}m_{200}^{(21)}m_{003}^{(21)}\\
&-m_{100}^{(10)}m_{100}^{(11)}m_{200}^{(22)}m_{012}^{(21)}-2m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(10)}m_{003}^{(22)}+2m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(20)}m_{012}^{(22)}\\
&+2m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(21)}m_{003}^{(20)}-2m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(22)}m_{012}^{(20)}+2m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(10)}m_{012}^{(22)}\\
&+2m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(11)}m_{102}^{(22)}-2m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(20)}m_{021}^{(22)}-2m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(21)}m_{111}^{(22)}\\
&-2m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(21)}m_{102}^{(21)}-2m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(21)}m_{012}^{(20)}+2m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(22)}m_{111}^{(21)}\\
&+2m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(22)}m_{021}^{(20)}+2m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(10)}m_{102}^{(22)}-2m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(20)}m_{111}^{(22)}\\
&-2m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(21)}m_{102}^{(20)}+2m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(22)}m_{111}^{(20)}-2m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(10)}m_{111}^{(22)}\\
&-m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(11)}m_{201}^{(22)}+2m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(20)}m_{120}^{(22)}+m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(21)}m_{210}^{(22)}\\
&+m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(21)}m_{201}^{(21)}+2m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(21)}m_{111}^{(20)}-m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(22)}m_{210}^{(21)}\\
&-2m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(22)}m_{120}^{(20)}-2m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(11)}m_{012}^{(22)}-2m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(11)}m_{003}^{(21)}\\
&+2m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{021}^{(22)}+4m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{012}^{(21)}+2m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{003}^{(11)}\\
&-2m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(22)}m_{021}^{(21)}-2m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(22)}m_{012}^{(11)}+2m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(11)}m_{021}^{(22)}\\
&+2m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(11)}m_{012}^{(21)}-2m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{030}^{(22)}-4m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{021}^{(21)}\\
&-2m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{012}^{(11)}+2m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(22)}m_{030}^{(21)}+2m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(22)}m_{021}^{(11)}\\
&+2m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(11)}m_{102}^{(22)}-2m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(21)}m_{111}^{(22)}-2m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(21)}m_{102}^{(21)}\\
&+2m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(22)}m_{111}^{(21)}-2m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(11)}m_{111}^{(22)}+2m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(11)}m_{102}^{(21)}\\
&+2m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{120}^{(22)}-2m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{102}^{(11)}-2m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(22)}m_{120}^{(21)}\\
&+2m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(22)}m_{111}^{(11)}-2m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(11)}m_{111}^{(21)}+2m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(21)}m_{120}^{(21)}\\
&+2m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(21)}m_{111}^{(11)}-2m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(22)}m_{120}^{(11)}+2m_{100}^{(10)}m_{100}^{(21)}m_{200}^{(11)}m_{012}^{(22)}\\
&-2m_{100}^{(10)}m_{100}^{(21)}m_{200}^{(21)}m_{021}^{(22)}-2m_{100}^{(10)}m_{100}^{(21)}m_{200}^{(21)}m_{012}^{(21)}+2m_{100}^{(10)}m_{100}^{(21)}m_{200}^{(22)}m_{021}^{(21)}\\
&+4m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(10)}m_{003}^{(21)}-2m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(11)}m_{102}^{(22)}-2m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(11)}m_{003}^{(20)}\\
&-4m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(20)}m_{012}^{(21)}+2m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{111}^{(22)}+2m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{102}^{(21)}\\
&+2m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{012}^{(20)}-2m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{003}^{(10)}-2m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(22)}m_{111}^{(21)}\\
&+2m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(22)}m_{012}^{(10)}-4m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(10)}m_{012}^{(21)}-2m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(11)}m_{111}^{(22)}\\
&+2m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(11)}m_{012}^{(20)}+4m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(20)}m_{021}^{(21)}+2m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{120}^{(22)}\\
&+2m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{111}^{(21)}-2m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{021}^{(20)}+2m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{012}^{(10)}\\
&-2m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(22)}m_{120}^{(21)}-2m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(22)}m_{021}^{(10)}-4m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{102}^{(21)}\\
&+2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(11)}m_{201}^{(22)}+2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(11)}m_{102}^{(20)}+4m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{111}^{(21)}\\
&-2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{210}^{(22)}-2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{201}^{(21)}-2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{111}^{(20)}\\
&+2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{102}^{(10)}+2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(22)}m_{210}^{(21)}-2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(22)}m_{111}^{(10)}\\
&+4m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{111}^{(21)}-2m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(11)}m_{111}^{(20)}-4m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(20)}m_{120}^{(21)}\\
&+2m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(21)}m_{120}^{(20)}-2m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(21)}m_{111}^{(10)}+2m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(22)}m_{120}^{(10)}\\
&-m_{100}^{(10)}m_{100}^{(22)}m_{200}^{(11)}m_{021}^{(22)}+m_{100}^{(10)}m_{100}^{(22)}m_{200}^{(21)}m_{030}^{(22)}+m_{100}^{(10)}m_{100}^{(22)}m_{200}^{(21)}m_{021}^{(21)}\\
&-m_{100}^{(10)}m_{100}^{(22)}m_{200}^{(22)}m_{030}^{(21)}-2m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(10)}m_{003}^{(11)}+2m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(11)}m_{111}^{(22)}\\
&+2m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(11)}m_{003}^{(10)}+2m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(20)}m_{012}^{(11)}-2m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{120}^{(22)}\\
&-2m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{111}^{(21)}-2m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{012}^{(10)}+2m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(22)}m_{120}^{(21)}\\
&+2m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(10)}m_{012}^{(11)}-2m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(11)}m_{012}^{(10)}-2m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(20)}m_{021}^{(11)}\\
&+2m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(21)}m_{021}^{(10)}-m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(11)}m_{201}^{(22)}+m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(21)}m_{210}^{(22)}
\end{aligned}
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$$+m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(21)}m_{201}^{(21)} - m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(22)}m_{210}^{(21)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(10)}m_{102}^{(11)}$$
$$-2m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(11)}m_{102}^{(10)} - 2m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(20)}m_{111}^{(11)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(21)}m_{111}^{(10)}$$
$$-2m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(10)}m_{111}^{(11)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(11)}m_{111}^{(10)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(20)}m_{120}^{(11)}$$
$$-2m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(21)}m_{120}^{(10)} - m_{100}^{(10)}m_{010}^{(00)}m_{020}^{(10)}m_{003}^{(22)} + m_{100}^{(10)}m_{010}^{(00)}m_{020}^{(20)}m_{012}^{(22)}$$
$$+m_{100}^{(10)}m_{010}^{(00)}m_{020}^{(21)}m_{003}^{(20)} - m_{100}^{(10)}m_{010}^{(00)}m_{020}^{(22)}m_{012}^{(20)} + 2m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(10)}m_{012}^{(22)}$$
$$-2m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(20)}m_{021}^{(22)} - 2m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{012}^{(20)} + 2m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(22)}m_{021}^{(20)}$$
$$-m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(10)}m_{021}^{(22)} + m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(20)}m_{030}^{(22)} + m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(21)}m_{021}^{(20)}$$
$$-m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(22)}m_{030}^{(20)} - 2m_{100}^{(10)}m_{010}^{(10)}m_{110}^{(20)}m_{012}^{(22)} + 2m_{100}^{(10)}m_{010}^{(10)}m_{110}^{(20)}m_{003}^{(21)}$$
$$+2m_{100}^{(10)}m_{010}^{(10)}m_{110}^{(21)}m_{102}^{(22)} - 2m_{100}^{(10)}m_{010}^{(10)}m_{110}^{(21)}m_{003}^{(20)} - 2m_{100}^{(10)}m_{010}^{(10)}m_{110}^{(22)}m_{102}^{(21)}$$
$$+2m_{100}^{(10)}m_{010}^{(10)}m_{110}^{(22)}m_{012}^{(20)} + 2m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(20)}m_{021}^{(22)} - 2m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(20)}m_{012}^{(21)}$$
$$-2m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(22)} + 2m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(21)}m_{012}^{(20)} + 2m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{111}^{(21)}$$
$$-2m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{021}^{(20)} + 2m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(20)}m_{111}^{(22)} - 2m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(20)}m_{102}^{(21)}$$
$$-2m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(21)}m_{201}^{(22)} + 2m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(21)}m_{102}^{(20)} + 2m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(22)}m_{201}^{(21)}$$
$$-2m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(22)}m_{111}^{(20)} - 2m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(20)}m_{120}^{(22)} + 2m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(20)}m_{111}^{(21)}$$
$$+2m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(21)}m_{210}^{(22)} - 2m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(21)}m_{111}^{(20)} - 2m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(22)}m_{210}^{(21)}$$
$$+2m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(22)}m_{120}^{(20)} - m_{100}^{(10)}m_{010}^{(11)}m_{200}^{(10)}m_{003}^{(22)} + m_{100}^{(10)}m_{010}^{(11)}m_{200}^{(20)}m_{012}^{(22)}$$
$$+m_{100}^{(10)}m_{010}^{(11)}m_{200}^{(21)}m_{003}^{(20)} - m_{100}^{(10)}m_{010}^{(11)}m_{200}^{(22)}m_{012}^{(20)} + 2m_{100}^{(10)}m_{010}^{(11)}m_{110}^{(00)}m_{003}^{(22)}$$
$$-2m_{100}^{(10)}m_{010}^{(11)}m_{110}^{(20)}m_{102}^{(22)} - 2m_{100}^{(10)}m_{010}^{(11)}m_{110}^{(20)}m_{003}^{(20)} + 2m_{100}^{(10)}m_{010}^{(11)}m_{110}^{(22)}m_{102}^{(20)}$$
$$-2m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(00)}m_{012}^{(22)} + 2m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(10)}m_{102}^{(22)} + 2m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{012}^{(20)}$$
$$-2m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(21)}m_{102}^{(20)} - 2m_{100}^{(10)}m_{010}^{(11)}m_{011}^{(00)}m_{102}^{(22)} + 2m_{100}^{(10)}m_{010}^{(11)}m_{011}^{(20)}m_{201}^{(22)}$$
$$+2m_{100}^{(10)}m_{010}^{(11)}m_{011}^{(20)}m_{102}^{(20)} - 2m_{100}^{(10)}m_{010}^{(11)}m_{011}^{(22)}m_{201}^{(20)} + 2m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(00)}m_{111}^{(22)}$$
$$-m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(10)}m_{201}^{(22)} - m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(20)}m_{210}^{(22)} - 2m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(20)}m_{111}^{(20)}$$
$$+m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(21)}m_{201}^{(20)} + m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(22)}m_{210}^{(20)} - 2m_{100}^{(10)}m_{020}^{(10)}m_{110}^{(10)}m_{012}^{(22)}$$
$$+2m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(10)}m_{003}^{(21)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{021}^{(22)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{003}^{(11)}$$
$$-2m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{102}^{(21)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{012}^{(20)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{102}^{(11)}$$
$$-2m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{021}^{(20)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{021}^{(22)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{012}^{(21)}$$
$$-2m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(20)}m_{030}^{(22)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(20)}m_{012}^{(11)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(21)}$$
$$-2m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{021}^{(20)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{111}^{(11)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{030}^{(20)}$$
$$+2m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(10)}m_{102}^{(22)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(20)}m_{111}^{(22)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(21)}m_{102}^{(20)}$$
$$+2m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(22)}m_{111}^{(20)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(22)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{102}^{(21)}$$
$$+2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{120}^{(22)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{102}^{(11)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{201}^{(21)}$$
$$+2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(20)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{201}^{(20)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{120}^{(20)}$$
$$+2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{111}^{(21)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{111}^{(11)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{210}^{(21)}$$
$$+2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(11)}m_{210}^{(10)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(22)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(20)}m_{021}^{(22)}$$
$$-2m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{012}^{(20)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{021}^{(20)} - 4m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(00)}m_{003}^{(21)}$$
$$-2m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(10)}m_{102}^{(22)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(10)}m_{003}^{(20)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(22)}$$
$$+4m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(21)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{003}^{(10)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{111}^{(20)}$$
$$-2m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{102}^{(10)} + 4m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(00)}m_{012}^{(21)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(22)}$$

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\begin{aligned}
&-2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{012}^{(20)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(22)} - 4m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(21)}\\
&-2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{012}^{(10)} + 4m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(20)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{120}^{(20)}\\
&+2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{111}^{(10)} + 4m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(00)}m_{102}^{(21)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(22)}\\
&-2m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(10)}m_{102}^{(20)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(22)} - 4m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(21)}\\
&-2m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{102}^{(10)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(22)}m_{210}^{(20)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(22)}m_{201}^{(10)}\\
&-4m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(00)}m_{111}^{(21)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{111}^{(20)} + 4m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{210}^{(21)}\\
&+2m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{111}^{(10)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{210}^{(20)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(22)}m_{210}^{(10)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(10)}m_{021}^{(22)} + m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(20)}m_{030}^{(22)} + m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(21)}m_{021}^{(20)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(22)}m_{030}^{(20)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(00)}m_{003}^{(11)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(22)}\\
&-2m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{003}^{(10)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{120}^{(22)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{102}^{(11)}\\
&-2m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(20)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{102}^{(10)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(22)}m_{120}^{(20)}\\
&-2m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(00)}m_{012}^{(11)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{012}^{(10)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{111}^{(11)}\\
&-2m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{111}^{(10)} - m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(10)}m_{201}^{(22)} + m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(20)}m_{210}^{(22)}\\
&+m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(21)}m_{201}^{(20)} - m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(22)}m_{210}^{(20)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{102}^{(11)}\\
&+2m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{102}^{(10)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{201}^{(11)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(21)}m_{201}^{(10)}\\
&+2m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(00)}m_{111}^{(11)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(10)}m_{111}^{(10)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(20)}m_{210}^{(11)}\\
&+2m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(21)}m_{210}^{(10)} + m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(10)}m_{003}^{(21)} + m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(11)}m_{003}^{(20)}\\
&-m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(20)}m_{012}^{(21)} - m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(21)}m_{012}^{(20)} - 2m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(21)}m_{003}^{(10)}\\
&+2m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(22)}m_{012}^{(10)} - 2m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(21)} - 2m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(11)}m_{012}^{(20)}\\
&+2m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(21)} + 2m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{021}^{(20)} + 4m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{012}^{(10)}\\
&-4m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(22)}m_{021}^{(10)} + m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{021}^{(21)} + m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(11)}m_{021}^{(20)}\\
&-m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(20)}m_{030}^{(21)} - m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{030}^{(20)} - 2m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{021}^{(10)}\\
&+2m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(22)}m_{030}^{(10)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(22)} - 2m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(10)}m_{003}^{(21)}\\
&-2m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(11)}m_{102}^{(22)} - 2m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(11)}m_{003}^{(20)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(21)}\\
&+2m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(20)} + 4m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{003}^{(10)} - 4m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{012}^{(10)}\\
&-2m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(22)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(21)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(22)}\\
&+2m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{012}^{(20)} - 2m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(21)} - 2m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(20)}\\
&-4m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{012}^{(10)} + 4m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{021}^{(10)} - 2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(22)}\\
&+2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(21)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(11)}m_{201}^{(22)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(11)}m_{102}^{(20)}\\
&-2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(21)} - 2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(20)} - 4m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{102}^{(10)}\\
&+4m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{111}^{(10)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{120}^{(22)} - 2m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(21)}\\
&-2m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(11)}m_{210}^{(22)} - 2m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(11)}m_{111}^{(20)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{210}^{(21)}\\
&+2m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{120}^{(20)} + 4m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{111}^{(10)} - 4m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(22)}m_{120}^{(10)}\\
&+m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(10)}m_{003}^{(21)} + m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(11)}m_{003}^{(20)} - m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{012}^{(20)} - 2m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{003}^{(10)} + 2m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{012}^{(10)}\\
&-2m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(00)}m_{012}^{(22)} + 2m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(22)} + 2m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{012}^{(20)}\\
&-2m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(21)}m_{102}^{(20)} + 2m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{021}^{(22)} - 2m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(22)}\\
&-2m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(21)} - 2m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(11)}m_{102}^{(20)} + 2m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(21)}
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\begin{aligned}
&-2m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{021}^{(20)} + 4m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(20)} + 4m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{102}^{(10)}\\
&-4m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{111}^{(10)} + 2m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{111}^{(22)} - 2m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(22)}\\
&-2m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(20)} + 2m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(21)}m_{201}^{(20)} - 2m_{100}^{(10)}m_{001}^{(11)}m_{001}^{(00)}m_{002}^{(22)}m_{120}\\
&+2m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{210}^{(22)} + m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{201}^{(21)} + m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(11)}m_{201}^{(20)}\\
&-m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(21)} + 2m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{120}^{(20)} - 3m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(21)}m_{210}^{(20)}\\
&-2m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(21)}m_{201}^{(10)} + 2m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(22)}m_{210}^{(10)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{102}^{(21)}\\
&+2m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{012}^{(20)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(21)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{012}^{(11)}\\
&-2m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{102}^{(11)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(20)} - 4m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{012}^{(10)}\\
&+4m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{021}^{(10)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(21)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{021}^{(20)}\\
&+2m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(21)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{021}^{(11)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{111}^{(11)}\\
&+2m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{030}^{(20)} + 4m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{021}^{(10)} - 4m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(22)}m_{030}^{(10)}\\
&-2m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(21)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(11)}m_{102}^{(20)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(21)}\\
&+2m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(20)} + 4m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{102}^{(10)} - 4m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(22)}m_{111}^{(10)}\\
&+4m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(21)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{201}^{(21)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{111}^{(20)}\\
&-2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{111}^{(21)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{111}^{(11)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{201}^{(11)}\\
&-2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(20)} - 4m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{111}^{(10)} + 4m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(22)}m_{120}^{(10)}\\
&-2m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{120}^{(21)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(11)}m_{210}^{(21)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(20)}m_{120}^{(11)}\\
&-2m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(21)}m_{210}^{(11)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(21)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{012}^{(20)}\\
&+2m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(21)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(20)} + 4m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{012}^{(10)}\\
&-4m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(22)}m_{021}^{(10)} + 4m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{012}^{(21)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(21)}\\
&-2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{012}^{(20)} + 4m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(11)}m_{102}^{(20)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(21)}\\
&-2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{012}^{(10)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(20)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{102}^{(10)}\\
&+4m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{111}^{(10)} - 4m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{021}^{(21)} + 6m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(21)}\\
&+2m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(20)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(21)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{021}^{(10)}\\
&-2m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(20)} - 6m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{111}^{(10)} + 4m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(22)}m_{120}^{(10)}\\
&-4m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(21)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(21)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(20)}\\
&-4m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(11)}m_{201}^{(20)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(21)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{111}^{(10)}\\
&+2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(20)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{201}^{(10)} - 4m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(22)}m_{210}^{(10)}\\
&+4m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(00)}m_{120}^{(21)} - 4m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{210}^{(21)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{120}^{(20)}\\
&+2m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(11)}m_{210}^{(20)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(20)}m_{120}^{(10)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(21)}m_{210}^{(10)}\\
&+m_{100}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(21)} + m_{100}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{021}^{(20)} - m_{100}^{(10)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{030}^{(20)} - 2m_{100}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{021}^{(10)} + 2m_{100}^{(10)}m_{001}^{(22)}m_{200}^{(22)}m_{030}^{(10)}\\
&-2m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{012}^{(11)} - 2m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(21)} + 2m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{102}^{(11)}\\
&+2m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{012}^{(10)} - 2m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{111}^{(20)} - 2m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{102}^{(10)}\\
&+2m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(21)} + 2m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{120}^{(20)} + 4m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{111}^{(10)}\\
&-4m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(22)}m_{120}^{(10)} + 2m_{100}^{(10)}m_{001}^{(22)}m_{101}^{(00)}m_{021}^{(11)} - 2m_{100}^{(10)}m_{001}^{(22)}m_{101}^{(10)}m_{111}^{(11)}\\
&-2m_{100}^{(10)}m_{001}^{(22)}m_{101}^{(10)}m_{021}^{(10)} + 2m_{100}^{(10)}m_{001}^{(22)}m_{101}^{(11)}m_{111}^{(10)} + m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(21)}\\
&+m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(11)}m_{201}^{(20)} - m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(21)} - m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(21)}m_{210}^{(20)}
\end{aligned}
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\begin{aligned}
&-2m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(21)}m_{201}^{(10)}+2m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(22)}m_{210}^{(10)}+2m_{100}^{(10)}m_{001}^{(22)}m_{011}^{(00)}m_{111}^{(11)}\\
&-2m_{100}^{(10)}m_{001}^{(22)}m_{011}^{(10)}m_{201}^{(11)}-2m_{100}^{(10)}m_{001}^{(22)}m_{011}^{(10)}m_{111}^{(10)}+2m_{100}^{(10)}m_{001}^{(22)}m_{011}^{(11)}m_{201}^{(10)}\\
&-2m_{100}^{(10)}m_{001}^{(22)}m_{002}^{(00)}m_{120}^{(11)}+2m_{100}^{(10)}m_{001}^{(22)}m_{002}^{(10)}m_{210}^{(11)}+2m_{100}^{(10)}m_{001}^{(22)}m_{002}^{(10)}m_{120}^{(10)}\\
&-2m_{100}^{(10)}m_{001}^{(22)}m_{002}^{(11)}m_{210}^{(10)}+(m_{100}^{(11)})^2m_{200}^{(10)}m_{003}^{(22)}-(m_{100}^{(11)})^2m_{200}^{(20)}m_{012}^{(22)}\\
&-(m_{100}^{(11)})^2m_{200}^{(21)}m_{003}^{(20)}+(m_{100}^{(11)})^2m_{200}^{(22)}m_{012}^{(20)}-2(m_{100}^{(11)})^2m_{101}^{(10)}m_{102}^{(22)}\\
&+2(m_{100}^{(11)})^2m_{101}^{(20)}m_{111}^{(22)}+2(m_{100}^{(11)})^2m_{101}^{(21)}m_{102}^{(20)}-2(m_{100}^{(11)})^2m_{101}^{(22)}m_{111}^{(20)}\\
&+(m_{100}^{(11)})^2m_{002}^{(10)}m_{201}^{(22)}-(m_{100}^{(11)})^2m_{002}^{(20)}m_{210}^{(22)}-(m_{100}^{(11)})^2m_{002}^{(21)}m_{201}^{(20)}\\
&+(m_{100}^{(11)})^2m_{002}^{(22)}m_{210}^{(20)}+m_{100}^{(11)}m_{100}^{(20)}m_{200}^{(11)}m_{003}^{(21)}-m_{100}^{(11)}m_{100}^{(20)}m_{200}^{(21)}m_{012}^{(21)}\\
&-m_{100}^{(11)}m_{100}^{(20)}m_{200}^{(21)}m_{003}^{(11)}+m_{100}^{(11)}m_{100}^{(20)}m_{200}^{(22)}m_{012}^{(11)}+2m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(10)}m_{012}^{(22)}\\
&-2m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(20)}m_{021}^{(22)}-2m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(21)}m_{012}^{(20)}+2m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(22)}m_{021}^{(20)}\\
&-2m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(10)}m_{021}^{(22)}-2m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(11)}m_{102}^{(21)}+2m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(20)}m_{030}^{(22)}\\
&+2m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(21)}m_{111}^{(21)}+2m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(21)}m_{102}^{(11)}+2m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(21)}m_{021}^{(20)}\\
&-2m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(22)}m_{111}^{(11)}-2m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(22)}m_{030}^{(20)}-2m_{100}^{(11)}m_{100}^{(20)}m_{020}^{(10)}m_{102}^{(22)}\\
&+2m_{100}^{(11)}m_{100}^{(20)}m_{020}^{(20)}m_{111}^{(22)}+2m_{100}^{(11)}m_{100}^{(20)}m_{020}^{(21)}m_{102}^{(20)}-2m_{100}^{(11)}m_{100}^{(20)}m_{020}^{(22)}m_{111}^{(20)}\\
&+2m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(10)}m_{111}^{(22)}-2m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{120}^{(22)}-2m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(21)}m_{111}^{(20)}\\
&+2m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(22)}m_{120}^{(20)}+m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(11)}m_{201}^{(21)}-m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(21)}m_{210}^{(21)}\\
&-m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(21)}m_{201}^{(11)}+m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(22)}m_{210}^{(11)}-2m_{100}^{(11)}m_{100}^{(21)}m_{200}^{(10)}m_{012}^{(22)}\\
&-2m_{100}^{(11)}m_{100}^{(21)}m_{200}^{(10)}m_{003}^{(21)}+m_{100}^{(11)}m_{100}^{(21)}m_{200}^{(11)}m_{003}^{(20)}+2m_{100}^{(11)}m_{100}^{(21)}m_{200}^{(20)}m_{021}^{(22)}\\
&+2m_{100}^{(11)}m_{100}^{(21)}m_{200}^{(20)}m_{012}^{(21)}+m_{100}^{(11)}m_{100}^{(21)}m_{200}^{(21)}m_{012}^{(20)}+m_{100}^{(11)}m_{100}^{(21)}m_{200}^{(21)}m_{003}^{(10)}\\
&-2m_{100}^{(11)}m_{100}^{(21)}m_{200}^{(22)}m_{021}^{(20)}-m_{100}^{(11)}m_{100}^{(21)}m_{200}^{(22)}m_{012}^{(10)}+2m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(10)}m_{102}^{(22)}\\
&-2m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(20)}m_{111}^{(22)}-2m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(21)}m_{102}^{(20)}+2m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(22)}m_{111}^{(20)}\\
&+2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(10)}m_{111}^{(22)}+4m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(10)}m_{102}^{(21)}-2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(11)}m_{102}^{(20)}\\
&-2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{120}^{(22)}-4m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{111}^{(21)}-2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(21)}m_{102}^{(10)}\\
&+2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(22)}m_{120}^{(20)}+2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(22)}m_{111}^{(10)}-2m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(10)}m_{201}^{(22)}\\
&+2m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(20)}m_{210}^{(22)}+2m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(21)}m_{201}^{(20)}-2m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(22)}m_{210}^{(20)}\\
&-2m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(10)}m_{201}^{(21)}+m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(11)}m_{201}^{(20)}+2m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(20)}m_{210}^{(21)}\\
&-m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(21)}m_{210}^{(20)}+m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(21)}m_{201}^{(10)}-m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(22)}m_{210}^{(10)}\\
&+m_{100}^{(11)}m_{100}^{(22)}m_{200}^{(10)}m_{021}^{(22)}+m_{100}^{(11)}m_{100}^{(22)}m_{200}^{(10)}m_{003}^{(11)}-m_{100}^{(11)}m_{100}^{(22)}m_{200}^{(11)}m_{003}^{(10)}\\
&-m_{100}^{(11)}m_{100}^{(22)}m_{200}^{(20)}m_{030}^{(22)}-m_{100}^{(11)}m_{100}^{(22)}m_{200}^{(20)}m_{012}^{(11)}-m_{100}^{(11)}m_{100}^{(22)}m_{200}^{(21)}m_{021}^{(20)}\\
&+m_{100}^{(11)}m_{100}^{(22)}m_{200}^{(21)}m_{012}^{(10)}+m_{100}^{(11)}m_{100}^{(22)}m_{200}^{(22)}m_{030}^{(20)}-2m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(10)}m_{111}^{(22)}\\
&+2m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(20)}m_{120}^{(22)}+2m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(21)}m_{111}^{(20)}-2m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(22)}m_{120}^{(20)}\\
&-2m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(10)}m_{102}^{(11)}+2m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(11)}m_{102}^{(10)}+2m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(20)}m_{111}^{(11)}\\
&-2m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(21)}m_{111}^{(10)}+m_{100}^{(11)}m_{100}^{(22)}m_{020}^{(10)}m_{201}^{(22)}-m_{100}^{(11)}m_{100}^{(22)}m_{020}^{(20)}m_{210}^{(22)}\\
&-m_{100}^{(11)}m_{100}^{(22)}m_{020}^{(21)}m_{201}^{(20)}+m_{100}^{(11)}m_{100}^{(22)}m_{020}^{(22)}m_{210}^{(20)}+m_{100}^{(11)}m_{100}^{(22)}m_{002}^{(10)}m_{201}^{(11)}\\
&-m_{100}^{(11)}m_{100}^{(22)}m_{002}^{(11)}m_{201}^{(10)}-m_{100}^{(11)}m_{100}^{(22)}m_{002}^{(20)}m_{210}^{(11)}+m_{100}^{(11)}m_{100}^{(22)}m_{002}^{(21)}m_{210}^{(10)}\\
&+m_{100}^{(11)}m_{010}^{(10)}m_{200}^{(10)}m_{003}^{(22)}-m_{100}^{(11)}m_{010}^{(10)}m_{200}^{(20)}m_{003}^{(21)}-m_{100}^{(11)}m_{010}^{(10)}m_{200}^{(21)}m_{102}^{(22)}\\
&+m_{100}^{(11)}m_{010}^{(10)}m_{200}^{(22)}m_{102}^{(21)}-2m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(10)}m_{102}^{(22)}+2m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(20)}m_{102}^{(21)}\\
&+2m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(21)}m_{201}^{(22)}-2m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(22)}m_{201}^{(21)}+m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(10)}m_{201}^{(22)}
\end{aligned}
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\begin{aligned}
&-m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(20)}m_{201}^{(21)} - m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(21)}m_{300}^{(22)} + m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(22)}m_{300}^{(21)}\\
&-m_{100}^{(11)}m_{010}^{(11)}m_{200}^{(00)}m_{003}^{(22)} + m_{100}^{(11)}m_{010}^{(11)}m_{200}^{(20)}m_{102}^{(22)} + m_{100}^{(11)}m_{010}^{(11)}m_{200}^{(20)}m_{003}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(11)}m_{200}^{(22)}m_{102}^{(20)} + 2m_{100}^{(11)}m_{010}^{(11)}m_{101}^{(00)}m_{102}^{(22)} - 2m_{100}^{(11)}m_{010}^{(11)}m_{101}^{(20)}m_{201}^{(22)}\\
&-2m_{100}^{(11)}m_{010}^{(11)}m_{101}^{(20)}m_{102}^{(20)} + 2m_{100}^{(11)}m_{010}^{(11)}m_{101}^{(22)}m_{201}^{(20)} - m_{100}^{(11)}m_{010}^{(11)}m_{002}^{(00)}m_{201}^{(22)}\\
&+m_{100}^{(11)}m_{010}^{(11)}m_{002}^{(20)}m_{300}^{(22)} + m_{100}^{(11)}m_{010}^{(11)}m_{002}^{(20)}m_{201}^{(20)} - m_{100}^{(11)}m_{010}^{(11)}m_{002}^{(22)}m_{300}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(20)}m_{200}^{(10)}m_{003}^{(21)} + m_{100}^{(11)}m_{010}^{(20)}m_{200}^{(20)}m_{003}^{(11)} + m_{100}^{(11)}m_{010}^{(20)}m_{200}^{(21)}m_{102}^{(21)}\\
&-m_{100}^{(11)}m_{010}^{(20)}m_{200}^{(22)}m_{102}^{(11)} + 2m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(10)}m_{102}^{(21)} - 2m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{102}^{(11)}\\
&-2m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(21)}m_{201}^{(21)} + 2m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(22)}m_{201}^{(11)} - m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(10)}m_{201}^{(21)}\\
&+m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(20)}m_{201}^{(11)} + m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(21)}m_{300}^{(21)} - m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(22)}m_{300}^{(11)}\\
&+2m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(00)}m_{003}^{(21)} - m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(10)}m_{003}^{(20)} - 2m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{102}^{(21)}\\
&-m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{003}^{(10)} + m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(21)}m_{102}^{(20)} + m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{102}^{(10)}\\
&-4m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(00)}m_{102}^{(21)} + 2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(10)}m_{102}^{(20)} + 4m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{201}^{(21)}\\
&+2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{102}^{(10)} - 2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(21)}m_{201}^{(20)} - 2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(22)}m_{201}^{(10)}\\
&+2m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(00)}m_{201}^{(21)} - m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(10)}m_{201}^{(20)} - 2m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(20)}m_{300}^{(21)}\\
&-m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(20)}m_{201}^{(10)} + m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(21)}m_{300}^{(20)} + m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(22)}m_{300}^{(10)}\\
&-m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(00)}m_{003}^{(11)} + m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(10)}m_{003}^{(10)} + m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(20)}m_{102}^{(11)}\\
&-m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(21)}m_{102}^{(10)} + 2m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(00)}m_{102}^{(11)} - 2m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(10)}m_{102}^{(10)}\\
&-2m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(20)}m_{201}^{(11)} + 2m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(21)}m_{201}^{(10)} - m_{100}^{(11)}m_{010}^{(22)}m_{002}^{(00)}m_{201}^{(11)}\\
&+m_{100}^{(11)}m_{010}^{(22)}m_{002}^{(10)}m_{201}^{(10)} + m_{100}^{(11)}m_{010}^{(22)}m_{002}^{(20)}m_{300}^{(11)} - m_{100}^{(11)}m_{010}^{(22)}m_{002}^{(21)}m_{300}^{(10)}\\
&-m_{100}^{(11)}m_{001}^{(00)}m_{020}^{(10)}m_{003}^{(20)} + m_{100}^{(11)}m_{001}^{(00)}m_{020}^{(20)}m_{012}^{(20)} + m_{100}^{(11)}m_{001}^{(00)}m_{020}^{(21)}m_{003}^{(00)}\\
&-m_{100}^{(11)}m_{001}^{(00)}m_{020}^{(22)}m_{012}^{(00)} + 2m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(20)} - 2m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(20)}\\
&-2m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(21)}m_{012}^{(00)} + 2m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(22)}m_{021}^{(00)} - m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(10)}m_{021}^{(20)}\\
&+m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(20)}m_{030}^{(20)} + m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(21)}m_{021}^{(00)} - m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(22)}m_{030}^{(00)}\\
&-m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(10)}m_{012}^{(22)} + m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(11)}m_{102}^{(22)} + m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{012}^{(21)}\\
&-m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(21)}m_{102}^{(21)} + 2m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(10)}m_{003}^{(20)} - 2m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(20)}\\
&-2m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(21)}m_{003}^{(00)} + 2m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(22)}m_{012}^{(00)} + 2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(22)}\\
&-2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(20)} - 2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(11)}m_{201}^{(22)} - 2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(21)}\\
&+2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(20)} + 2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{201}^{(21)} + 2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{012}^{(00)}\\
&-2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{021}^{(00)} - 2m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(20)} + 2m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(20)}\\
&+2m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(21)}m_{102}^{(00)} - 2m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(22)}m_{111}^{(00)} - m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{210}^{(22)}\\
&+2m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(20)} + m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(11)}m_{300}^{(22)} + m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{210}^{(21)}\\
&-2m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(20)} - m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(21)}m_{300}^{(21)} - 2m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(21)}m_{111}^{(00)}\\
&+2m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(22)}m_{120}^{(00)} + m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(00)}m_{012}^{(22)} - m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(10)}m_{102}^{(22)}\\
&-m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(10)}m_{003}^{(20)} + m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(20)} + m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(21)}m_{003}^{(00)}\\
&-m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(22)}m_{012}^{(00)} - 2m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(00)}m_{111}^{(22)} + 2m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(22)}\\
&+2m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(20)} - 2m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(20)} - 2m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(21)}m_{102}^{(00)}\\
&+2m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(22)}m_{111}^{(00)} + m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(00)}m_{210}^{(22)} - m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(10)}m_{300}^{(22)}\\
&-m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(10)}m_{201}^{(20)} + m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(21)}m_{300}^{(20)} + m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(21)}m_{201}^{(00)}
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&-m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(22)}m_{210}^{(00)} + m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{012}^{(21)} - m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(11)}m_{102}^{(21)}\\
&-m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{012}^{(11)} + m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{102}^{(11)} - 2m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(20)}\\
&+2m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(20)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{012}^{(00)} - 2m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(22)}m_{021}^{(00)}\\
&-2m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(21)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(20)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{201}^{(21)}\\
&+2m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{111}^{(11)} - 2m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(20)} - 2m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{201}^{(11)}\\
&-2m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{021}^{(00)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(22)}m_{030}^{(00)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(20)}\\
&-2m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(20)} - 2m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(21)}m_{102}^{(00)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(22)}m_{111}^{(00)}\\
&-2m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(20)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(20)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{111}^{(00)}\\
&-2m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(22)}m_{120}^{(00)} + m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(10)}m_{210}^{(21)} - m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(11)}m_{300}^{(21)}\\
&-m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(20)}m_{210}^{(11)} + m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(21)}m_{300}^{(11)} - 2m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{012}^{(21)}\\
&+2m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{102}^{(21)} + 3m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(20)} - m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(11)}m_{102}^{(20)}\\
&-2m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(20)} + m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{012}^{(10)} - m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{102}^{(10)}\\
&-2m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{012}^{(00)} + 2m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(22)}m_{021}^{(00)} - 2m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(20)}\\
&+2m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(20)} + 2m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(21)}m_{102}^{(00)} - 2m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(22)}m_{111}^{(00)}\\
&+4m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(21)} - 4m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{201}^{(21)} - 4m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(20)}\\
&+2m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(20)} + 2m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(20)} - 2m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{111}^{(10)}\\
&+2m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{201}^{(10)} + 2m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{111}^{(00)} - 2m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(22)}m_{120}^{(00)}\\
&+2m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(20)} - 2m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(20)} - 2m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(21)}m_{201}^{(00)}\\
&+2m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(22)}m_{210}^{(00)} - 2m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(00)}m_{210}^{(21)} + 2m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(10)}m_{300}^{(21)}\\
&+m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(10)}m_{210}^{(20)} - m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(11)}m_{300}^{(20)} + m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(20)}m_{210}^{(10)}\\
&-m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(21)}m_{300}^{(10)} + m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(00)}m_{012}^{(11)} - m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{102}^{(11)}\\
&-m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(20)} - m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{012}^{(10)} + m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(11)}m_{102}^{(10)}\\
&+m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(20)} + m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(21)}m_{021}^{(00)} - m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(22)}m_{030}^{(00)}\\
&+2m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(20)} - 2m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(20)} - 2m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(21)}m_{111}^{(00)}\\
&+2m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(22)}m_{120}^{(00)} - 2m_{100}^{(11)}m_{001}^{(22)}m_{101}^{(00)}m_{111}^{(11)} + 2m_{100}^{(11)}m_{001}^{(22)}m_{101}^{(10)}m_{101}^{(11)}\\
&+2m_{100}^{(11)}m_{001}^{(22)}m_{101}^{(10)}m_{111}^{(10)} - 2m_{100}^{(11)}m_{001}^{(22)}m_{101}^{(11)}m_{201}^{(10)} - m_{100}^{(11)}m_{001}^{(22)}m_{101}^{(10)}m_{020}^{(20)}\\
&+m_{100}^{(11)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(20)} + m_{100}^{(11)}m_{001}^{(22)}m_{020}^{(21)}m_{201}^{(00)} - m_{100}^{(11)}m_{001}^{(22)}m_{020}^{(22)}m_{210}^{(00)}\\
&+m_{100}^{(11)}m_{001}^{(22)}m_{002}^{(00)}m_{210}^{(11)} - m_{100}^{(11)}m_{001}^{(22)}m_{002}^{(10)}m_{300}^{(11)} - m_{100}^{(11)}m_{001}^{(22)}m_{002}^{(10)}m_{210}^{(10)}\\
&+m_{100}^{(11)}m_{001}^{(22)}m_{002}^{(11)}m_{300}^{(10)} + 2(m_{100}^{(20)})^2m_{110}^{(11)}m_{012}^{(21)} - 2(m_{100}^{(20)})^2m_{110}^{(21)}m_{021}^{(21)}\\
&-2(m_{100}^{(20)})^2m_{110}^{(21)}m_{012}^{(11)} + 2(m_{100}^{(20)})^2m_{110}^{(22)}m_{021}^{(11)} - 2(m_{100}^{(20)})^2m_{101}^{(11)}m_{021}^{(21)}\\
&+2(m_{100}^{(20)})^2m_{101}^{(21)}m_{030}^{(21)} + 2(m_{100}^{(20)})^2m_{101}^{(21)}m_{021}^{(11)} - 2(m_{100}^{(20)})^2m_{101}^{(22)}m_{030}^{(11)}\\
&-2(m_{100}^{(20)})^2m_{020}^{(11)}m_{102}^{(21)} + 2(m_{100}^{(20)})^2m_{020}^{(21)}m_{111}^{(21)} + 2(m_{100}^{(20)})^2m_{020}^{(21)}m_{102}^{(11)}\\
&-2(m_{100}^{(20)})^2m_{020}^{(22)}m_{111}^{(11)} + 2(m_{100}^{(20)})^2m_{011}^{(11)}m_{111}^{(21)} - 2(m_{100}^{(20)})^2m_{011}^{(21)}m_{120}^{(21)}\\
&-2(m_{100}^{(20)})^2m_{011}^{(21)}m_{111}^{(11)} + 2(m_{100}^{(20)})^2m_{011}^{(22)}m_{120}^{(11)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{100}^{(11)}m_{200}^{(21)}m_{012}^{(21)}\\
&+2m_{100}^{(20)}m_{100}^{(21)}m_{200}^{(21)}m_{021}^{(21)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{200}^{(21)}m_{012}^{(11)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{200}^{(22)}m_{021}^{(11)}\\
&-4m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(10)}m_{012}^{(21)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(11)}m_{102}^{(21)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(11)}m_{012}^{(20)}\\
&+4m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(20)}m_{021}^{(21)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{111}^{(21)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{102}^{(11)}\\
&-2m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{021}^{(20)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{012}^{(10)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(22)}m_{111}^{(11)}
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&-2m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(22)}m_{021}^{(10)} + 4m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(10)}m_{021}^{(21)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{111}^{(21)}\\
&-2m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{021}^{(20)} - 4m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(20)}m_{030}^{(21)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{120}^{(20)}\\
&-2m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{111}^{(11)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{030}^{(20)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{021}^{(10)}\\
&+2m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(22)}m_{120}^{(11)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(22)}m_{030}^{(10)} + 4m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(10)}m_{102}^{(21)}\\
&-2m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(11)}m_{102}^{(20)} - 4m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{111}^{(21)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(21)}m_{111}^{(20)}\\
&-2m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(21)}m_{102}^{(10)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(22)}m_{111}^{(10)} - 4m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{111}^{(21)}\\
&-2m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(11)}m_{201}^{(21)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(11)}m_{111}^{(20)} + 4m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(20)}m_{120}^{(21)}\\
&+2m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(21)}m_{210}^{(21)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(21)}m_{201}^{(11)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(21)}m_{120}^{(20)}\\
&+2m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(21)}m_{111}^{(10)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(22)}m_{210}^{(11)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(22)}m_{120}^{(10)}\\
&+m_{100}^{(20)}m_{100}^{(22)}m_{200}^{(11)}m_{021}^{(21)} - m_{100}^{(20)}m_{100}^{(22)}m_{200}^{(21)}m_{030}^{(21)} - m_{100}^{(20)}m_{100}^{(22)}m_{200}^{(21)}m_{021}^{(11)}\\
&+m_{100}^{(20)}m_{100}^{(22)}m_{200}^{(22)}m_{030}^{(11)} + 2m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(10)}m_{012}^{(11)} - 2m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(11)}m_{111}^{(21)}\\
&-2m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(11)}m_{012}^{(10)} - 2m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(20)}m_{021}^{(11)} + 2m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(21)}m_{120}^{(21)}\\
&+2m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(21)}m_{111}^{(11)} + 2m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(21)}m_{021}^{(10)} - 2m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(22)}m_{120}^{(11)}\\
&-2m_{100}^{(20)}m_{100}^{(22)}m_{101}^{(10)}m_{021}^{(11)} + 2m_{100}^{(20)}m_{100}^{(22)}m_{101}^{(11)}m_{021}^{(10)} + 2m_{100}^{(20)}m_{100}^{(22)}m_{101}^{(20)}m_{030}^{(11)}\\
&-2m_{100}^{(20)}m_{100}^{(22)}m_{101}^{(21)}m_{030}^{(10)} - 2m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(10)}m_{102}^{(11)} + m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(11)}m_{201}^{(21)}\\
&+2m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(11)}m_{102}^{(10)} + 2m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(20)}m_{111}^{(11)} - m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(21)}m_{210}^{(21)}\\
&-m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(21)}m_{201}^{(11)} - 2m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(21)}m_{111}^{(10)} + m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(22)}m_{210}^{(11)}\\
&+2m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(10)}m_{111}^{(11)} - 2m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(11)}m_{111}^{(10)} - 2m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(20)}m_{120}^{(11)}\\
&+2m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(21)}m_{120}^{(10)} + m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(10)}m_{003}^{(21)} - 2m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(11)}m_{003}^{(20)}\\
&-m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(20)}m_{012}^{(21)} + 2m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(21)}m_{012}^{(20)} + m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(21)}m_{003}^{(10)}\\
&-m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(22)}m_{012}^{(10)} - 2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(10)}m_{012}^{(21)} + 4m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(11)}m_{012}^{(20)}\\
&+2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(20)}m_{021}^{(21)} - 4m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{021}^{(20)} - 2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{012}^{(10)}\\
&+2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(22)}m_{021}^{(10)} + m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(10)}m_{021}^{(21)} - 2m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(11)}m_{021}^{(20)}\\
&-m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(20)}m_{030}^{(21)} + 2m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(21)}m_{030}^{(20)} + m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(21)}m_{021}^{(10)}\\
&-m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(22)}m_{030}^{(10)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(10)}m_{012}^{(22)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(10)}m_{003}^{(21)}\\
&+4m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(11)}m_{003}^{(20)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{111}^{(22)} - 4m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{012}^{(20)}\\
&-2m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{003}^{(10)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{111}^{(21)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{012}^{(10)}\\
&-2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(10)}m_{021}^{(22)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(10)}m_{012}^{(21)} - 4m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(11)}m_{012}^{(20)}\\
&+2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{120}^{(22)} + 4m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{021}^{(20)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{012}^{(10)}\\
&-2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(22)}m_{120}^{(21)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(22)}m_{021}^{(10)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(10)}m_{102}^{(22)}\\
&+2m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(20)}m_{102}^{(21)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(21)}m_{201}^{(22)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(22)}m_{201}^{(21)}\\
&+2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{111}^{(22)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{102}^{(21)} - 4m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(11)}m_{102}^{(20)}\\
&-4m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{111}^{(21)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{210}^{(22)} + 4m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{111}^{(20)}\\
&+2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{102}^{(10)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(22)}m_{210}^{(21)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(22)}m_{111}^{(10)}\\
&-2m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{111}^{(21)} + 4m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(11)}m_{111}^{(20)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(20)}m_{120}^{(21)}\\
&-4m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(21)}m_{120}^{(20)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(21)}m_{111}^{(10)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(22)}m_{120}^{(10)}\\
&+m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(10)}m_{200}^{(21)}m_{003}^{(21)} - 2m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(11)}m_{003}^{(20)} - m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(20)}m_{012}^{(21)}\\
&+2m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(21)}m_{012}^{(20)} + m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(21)}m_{003}^{(10)} - m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(22)}m_{012}^{(10)}
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&-2m_{100}^{(20)}m_{010}^{(11)}m_{110}^{(00)}m_{012}^{(22)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{110}^{(20)}m_{111}^{(22)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{110}^{(20)}m_{012}^{(20)}\\
&-2m_{100}^{(20)}m_{010}^{(11)}m_{110}^{(22)}m_{111}^{(20)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(00)}m_{021}^{(22)} - 2m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(10)}m_{102}^{(21)}\\
&+4m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(11)}m_{102}^{(20)} - 2m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(20)}m_{120}^{(22)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(20)}m_{111}^{(21)}\\
&-2m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(20)}m_{021}^{(20)} - 4m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(21)}m_{111}^{(20)} - 2m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(21)}m_{102}^{(10)}\\
&+2m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(22)}m_{120}^{(20)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(22)}m_{111}^{(10)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{020}^{(00)}m_{102}^{(22)}\\
&-2m_{100}^{(20)}m_{010}^{(11)}m_{020}^{(20)}m_{201}^{(22)} - 2m_{100}^{(20)}m_{010}^{(11)}m_{020}^{(20)}m_{102}^{(20)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{020}^{(22)}m_{201}^{(20)}\\
&-2m_{100}^{(20)}m_{010}^{(11)}m_{011}^{(00)}m_{111}^{(22)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{011}^{(20)}m_{210}^{(22)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{011}^{(20)}m_{111}^{(20)}\\
&-2m_{100}^{(20)}m_{010}^{(11)}m_{011}^{(22)}m_{210}^{(20)} + m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(10)}m_{201}^{(21)} - 2m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(11)}m_{201}^{(20)}\\
&-m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(20)}m_{210}^{(21)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(21)}m_{210}^{(20)} + m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(21)}m_{201}^{(10)}\\
&-m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(22)}m_{210}^{(10)} - 4m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(11)}m_{012}^{(20)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(20)}m_{021}^{(21)}\\
&+2m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(11)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{111}^{(21)} + 4m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{021}^{(20)}\\
&+2m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{012}^{(10)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(22)}m_{111}^{(11)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(22)}m_{021}^{(10)}\\
&+4m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(11)}m_{021}^{(20)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(20)}m_{030}^{(21)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(20)}m_{021}^{(11)}\\
&-2m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{120}^{(21)} - 4m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{030}^{(20)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{021}^{(10)}\\
&+2m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(22)}m_{120}^{(11)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(22)}m_{030}^{(10)} + 4m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(11)}m_{102}^{(20)}\\
&+2m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(20)}m_{111}^{(21)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(20)}m_{102}^{(11)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(21)}m_{201}^{(21)}\\
&-4m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(21)}m_{111}^{(20)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(21)}m_{102}^{(10)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(22)}m_{201}^{(11)}\\
&+2m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(22)}m_{111}^{(10)} - 4m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(11)}m_{111}^{(20)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(20)}m_{120}^{(21)}\\
&+2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(11)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{210}^{(21)} + 4m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{120}^{(20)}\\
&+2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(10)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(22)}m_{210}^{(11)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(22)}m_{120}^{(10)}\\
&-2m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(21)} + 4m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(11)}m_{012}^{(20)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(20)}m_{021}^{(21)}\\
&-4m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{021}^{(20)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{012}^{(10)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(22)}m_{021}^{(10)}\\
&+4m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(00)}m_{012}^{(21)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{102}^{(21)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{012}^{(20)}\\
&-4m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(11)}m_{102}^{(20)} - 6m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(21)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{012}^{(10)}\\
&+6m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{111}^{(20)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{102}^{(10)} - 4m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(00)}m_{021}^{(21)}\\
&+2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(21)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{021}^{(20)} - 4m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(11)}m_{111}^{(20)}\\
&+2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(21)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{021}^{(10)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{120}^{(20)}\\
&+2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(10)} - 4m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(22)}m_{120}^{(10)} - 4m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(00)}m_{102}^{(21)}\\
&+2m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(10)}m_{102}^{(20)} + 4m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(20)}m_{201}^{(21)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(20)}m_{102}^{(10)}\\
&-2m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(21)}m_{201}^{(20)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(22)}m_{201}^{(10)} + 4m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{111}^{(21)}\\
&-2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(21)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{111}^{(20)} + 4m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(11)}m_{201}^{(20)}\\
&-2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(21)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{111}^{(10)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{210}^{(20)}\\
&-2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(10)} + 4m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(22)}m_{210}^{(10)} + m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(10)}m_{021}^{(21)}\\
&-2m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(11)}m_{021}^{(20)} - m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(20)}m_{030}^{(21)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{030}^{(20)}\\
&+m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{021}^{(10)} - m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(22)}m_{030}^{(10)} - 2m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(00)}m_{012}^{(11)}\\
&-2m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(21)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{012}^{(10)} + 4m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(11)}m_{111}^{(20)}\\
&+2m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{120}^{(21)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(11)} - 4m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{120}^{(20)}\\
&-4m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(10)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(22)}m_{120}^{(10)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(00)}m_{021}^{(11)}
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&-2m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(10)}m_{021}^{(10)} - 2m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(11)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(21)}m_{120}^{(10)}\\
&+2m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(00)}m_{102}^{(11)} + m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(10)}m_{201}^{(21)} - 2m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(10)}m_{102}^{(10)}\\
&-2m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(11)}m_{201}^{(20)} - m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(20)}m_{210}^{(21)} - 2m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(20)}m_{201}^{(11)}\\
&+2m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(21)}m_{210}^{(20)} + 3m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(21)}m_{201}^{(10)} - m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(22)}m_{210}^{(10)}\\
&-2m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(00)}m_{111}^{(11)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{111}^{(10)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(11)}\\
&-2m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(21)}m_{210}^{(10)} - m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(10)}m_{003}^{(11)} + m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(11)}m_{003}^{(10)}\\
&+m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(20)}m_{012}^{(11)} - m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{012}^{(10)} + 2m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(11)}\\
&-2m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{012}^{(10)} - 2m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(11)} + 2m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{021}^{(10)}\\
&-m_{100}^{(20)}m_{001}^{(00)}m_{002}^{(10)}m_{021}^{(11)} + m_{100}^{(20)}m_{001}^{(00)}m_{002}^{(11)}m_{021}^{(10)} + m_{100}^{(20)}m_{001}^{(00)}m_{002}^{(20)}m_{030}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(00)}m_{002}^{(21)}m_{030}^{(10)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{021}^{(22)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{003}^{(11)}\\
&+2m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(11)}m_{111}^{(22)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(11)}m_{003}^{(10)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(21)}\\
&-2m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(11)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(21)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(10)}\\
&+2m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{030}^{(22)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(11)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{120}^{(22)}\\
&+2m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{012}^{(10)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{030}^{(21)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(11)}\\
&+2m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(21)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(10)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{111}^{(22)}\\
&-2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(11)}m_{201}^{(22)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{111}^{(21)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{201}^{(21)}\\
&-2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{120}^{(22)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(11)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{210}^{(22)}\\
&+2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{102}^{(10)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(21)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(11)}\\
&-2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{210}^{(21)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(10)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(11)}\\
&-2m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(11)}m_{111}^{(10)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(11)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(21)}m_{120}^{(10)}\\
&-m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(10)}m_{003}^{(11)} + m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(11)}m_{003}^{(10)} + m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(21)}m_{012}^{(10)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(00)}m_{021}^{(22)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(10)}m_{111}^{(22)}\\
&-2m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{021}^{(20)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{111}^{(20)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(00)}m_{030}^{(22)}\\
&+2m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{120}^{(22)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(11)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(11)}m_{102}^{(10)}\\
&-2m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(11)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{030}^{(20)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{120}^{(20)}\\
&+2m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(10)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(00)}m_{111}^{(22)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(10)}m_{201}^{(22)}\\
&+2m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(20)}m_{111}^{(20)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(21)}m_{201}^{(20)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(00)}m_{120}^{(22)}\\
&-2m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{210}^{(22)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{120}^{(20)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(21)}m_{210}^{(20)}\\
&-m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(10)}m_{201}^{(11)} + m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(11)}m_{201}^{(10)} + m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(21)}m_{210}^{(10)} + 2m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(21)} - 2m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(11)}\\
&-2m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(21)} + 2m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{012}^{(10)} + 2m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(11)}\\
&-2m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(10)} - 2m_{100}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(21)} + 2m_{100}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(11)}\\
&+2m_{100}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(21)} - 2m_{100}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{021}^{(10)} - 2m_{100}^{(20)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(11)}\\
&+2m_{100}^{(20)}m_{001}^{(20)}m_{101}^{(21)}m_{030}^{(10)} - 2m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(21)} + 2m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(11)}\\
&+2m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(21)} - 2m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(11)}m_{102}^{(10)} - 2m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(11)}\\
&+2m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(10)} + 2m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(21)} - 2m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(11)}\\
&-2m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(21)} + 2m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{111}^{(10)} + 2m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(11)}\\
&-2m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(10)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(11)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{012}^{(10)}
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\begin{aligned}
&-2m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(11)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(10)} - 4m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{021}^{(21)} \\
&+4m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(21)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(11)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{021}^{(20)} \\
&-2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{111}^{(20)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{102}^{(10)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(11)} \\
&+2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{021}^{(10)} - 4m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(10)} + 4m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(00)}m_{030}^{(21)} \\
&-4m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(21)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(11)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{030}^{(20)} \\
&+2m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{120}^{(20)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{111}^{(10)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(11)} \\
&-2m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(20)}m_{030}^{(10)} + 4m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(21)} - 4m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(21)} \\
&-2m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{111}^{(20)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(11)}m_{201}^{(20)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{111}^{(10)} \\
&+2m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{201}^{(10)} - 4m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{120}^{(21)} + 4m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(21)} \\
&+2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(11)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{120}^{(20)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{210}^{(20)} \\
&-2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{201}^{(10)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(11)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(20)}m_{120}^{(10)} \\
&-m_{100}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(11)} + m_{100}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{021}^{(10)} + m_{100}^{(20)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(11)} \\
&-m_{100}^{(20)}m_{001}^{(22)}m_{200}^{(21)}m_{030}^{(10)} + 2m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{021}^{(11)} - 2m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{021}^{(10)} \\
&-2m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(11)} + 2m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(21)}m_{120}^{(10)} - 2m_{100}^{(20)}m_{001}^{(22)}m_{101}^{(00)}m_{030}^{(11)} \\
&+2m_{100}^{(20)}m_{001}^{(22)}m_{101}^{(10)}m_{120}^{(11)} + 2m_{100}^{(20)}m_{001}^{(22)}m_{101}^{(10)}m_{030}^{(10)} - 2m_{100}^{(20)}m_{001}^{(22)}m_{101}^{(11)}m_{120}^{(10)} \\
&-2m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(11)} + m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(11)} + 2m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{111}^{(10)} \\
&-m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(11)}m_{201}^{(10)} + m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(11)} - m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(21)}m_{210}^{(10)} \\
&+2m_{100}^{(20)}m_{001}^{(22)}m_{011}^{(00)}m_{120}^{(11)} - 2m_{100}^{(20)}m_{001}^{(22)}m_{011}^{(10)}m_{210}^{(11)} - 2m_{100}^{(20)}m_{001}^{(22)}m_{011}^{(10)}m_{120}^{(10)} \\
&+2m_{100}^{(20)}m_{001}^{(22)}m_{011}^{(11)}m_{210}^{(10)} + 4(m_{100}^{(21)})^2m_{200}^{(10)}m_{012}^{(21)} - 2(m_{100}^{(21)})^2m_{200}^{(11)}m_{012}^{(20)} \\
&-4(m_{100}^{(21)})^2m_{200}^{(20)}m_{021}^{(21)} + 2(m_{100}^{(21)})^2m_{200}^{(21)}m_{021}^{(20)} - 2(m_{100}^{(21)})^2m_{200}^{(21)}m_{012}^{(10)} \\
&+2(m_{100}^{(21)})^2m_{200}^{(22)}m_{021}^{(10)} - 4(m_{100}^{(21)})^2m_{110}^{(10)}m_{102}^{(21)} + 2(m_{100}^{(21)})^2m_{110}^{(11)}m_{102}^{(20)} \\
&+4(m_{100}^{(21)})^2m_{110}^{(20)}m_{111}^{(21)} - 2(m_{100}^{(21)})^2m_{110}^{(21)}m_{111}^{(20)} + 2(m_{100}^{(21)})^2m_{110}^{(21)}m_{102}^{(10)} \\
&-2(m_{100}^{(21)})^2m_{110}^{(22)}m_{111}^{(10)} - 4(m_{100}^{(21)})^2m_{101}^{(10)}m_{111}^{(21)} + 2(m_{100}^{(21)})^2m_{101}^{(11)}m_{111}^{(20)} \\
&+4(m_{100}^{(21)})^2m_{101}^{(20)}m_{120}^{(21)} - 2(m_{100}^{(21)})^2m_{101}^{(21)}m_{120}^{(20)} + 2(m_{100}^{(21)})^2m_{101}^{(21)}m_{111}^{(10)} \\
&-2(m_{100}^{(21)})^2m_{101}^{(22)}m_{120}^{(10)} + 4(m_{100}^{(21)})^2m_{011}^{(10)}m_{201}^{(21)} - 2(m_{100}^{(21)})^2m_{011}^{(11)}m_{201}^{(20)} \\
&-4(m_{100}^{(21)})^2m_{011}^{(20)}m_{210}^{(21)} + 2(m_{100}^{(21)})^2m_{011}^{(21)}m_{210}^{(20)} - 2(m_{100}^{(21)})^2m_{011}^{(21)}m_{201}^{(10)} \\
&+2(m_{100}^{(21)})^2m_{011}^{(22)}m_{210}^{(10)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{200}^{(10)}m_{021}^{(21)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{200}^{(10)}m_{012}^{(11)} \\
&+m_{100}^{(21)}m_{100}^{(22)}m_{200}^{(11)}m_{021}^{(20)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{200}^{(11)}m_{012}^{(10)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{200}^{(20)}m_{030}^{(21)} \\
&+2m_{100}^{(21)}m_{100}^{(22)}m_{200}^{(20)}m_{021}^{(11)} - m_{100}^{(21)}m_{100}^{(22)}m_{200}^{(21)}m_{030}^{(20)} - m_{100}^{(21)}m_{100}^{(22)}m_{200}^{(21)}m_{021}^{(10)} \\
&-m_{100}^{(21)}m_{100}^{(22)}m_{200}^{(22)}m_{030}^{(10)} + 4m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{111}^{(21)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{102}^{(11)} \\
&-2m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(11)}m_{111}^{(20)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(11)}m_{102}^{(10)} - 4m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(20)}m_{120}^{(21)} \\
&-2m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(20)}m_{111}^{(11)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(21)}m_{120}^{(20)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(22)}m_{120}^{(10)} \\
&+2m_{100}^{(21)}m_{100}^{(22)}m_{101}^{(10)}m_{111}^{(11)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{101}^{(11)}m_{111}^{(10)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{101}^{(20)}m_{120}^{(11)} \\
&+2m_{100}^{(21)}m_{100}^{(22)}m_{101}^{(21)}m_{120}^{(10)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{020}^{(10)}m_{201}^{(21)} + m_{100}^{(21)}m_{100}^{(22)}m_{020}^{(11)}m_{201}^{(20)} \\
&+2m_{100}^{(21)}m_{100}^{(22)}m_{020}^{(20)}m_{210}^{(21)} - m_{100}^{(21)}m_{100}^{(22)}m_{020}^{(21)}m_{210}^{(20)} + m_{100}^{(21)}m_{100}^{(22)}m_{020}^{(21)}m_{201}^{(10)} \\
&-m_{100}^{(21)}m_{100}^{(22)}m_{020}^{(22)}m_{210}^{(10)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{011}^{(10)}m_{201}^{(11)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{011}^{(11)}m_{201}^{(10)} \\
&+2m_{100}^{(21)}m_{100}^{(22)}m_{011}^{(20)}m_{210}^{(11)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{011}^{(21)}m_{210}^{(10)} + m_{100}^{(21)}m_{010}^{(00)}m_{020}^{(10)}m_{003}^{(20)} \\
&-m_{100}^{(21)}m_{010}^{(00)}m_{020}^{(20)}m_{012}^{(20)} - m_{100}^{(21)}m_{010}^{(00)}m_{020}^{(21)}m_{003}^{(00)} + m_{100}^{(21)}m_{010}^{(00)}m_{020}^{(22)}m_{012}^{(00)}
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\begin{aligned}
&-2m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(10)}m_{012}^{(20)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(20)}m_{021}^{(20)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(21)}m_{012}^{(00)}\\
&-2m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(22)}m_{021}^{(00)} + m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(10)}m_{021}^{(20)} - m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(20)}m_{030}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(21)}m_{021}^{(00)} + m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(22)}m_{030}^{(00)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(10)}m_{012}^{(22)}\\
&+2m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(20)}m_{012}^{(21)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(21)}m_{111}^{(22)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(22)}m_{111}^{(21)}\\
&+2m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(10)}m_{102}^{(22)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(10)}m_{003}^{(20)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{102}^{(21)}\\
&+2m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{012}^{(20)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(21)}m_{201}^{(22)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(21)}m_{003}^{(00)}\\
&+2m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(22)}m_{201}^{(21)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(22)}m_{012}^{(00)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(10)}m_{111}^{(22)}\\
&+2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(10)}m_{012}^{(20)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{111}^{(21)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{021}^{(20)}\\
&-2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{210}^{(22)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{012}^{(00)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(22)}m_{210}^{(21)}\\
&+2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(22)}m_{021}^{(00)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(10)}m_{201}^{(22)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(10)}m_{102}^{(20)}\\
&+2m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{201}^{(21)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{111}^{(20)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(21)}m_{300}^{(22)}\\
&-2m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(21)}m_{102}^{(00)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(22)}m_{300}^{(21)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(22)}m_{111}^{(00)}\\
&-2m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{111}^{(20)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(20)}m_{120}^{(20)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(21)}m_{111}^{(00)}\\
&-2m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(22)}m_{120}^{(00)} + 2m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(00)}m_{012}^{(22)} + m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(10)}m_{003}^{(20)}\\
&-2m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(20)}m_{111}^{(22)} - 3m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(20)}m_{012}^{(20)} - m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(21)}m_{003}^{(00)}\\
&+2m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(22)}m_{111}^{(20)} + m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(22)}m_{012}^{(00)} - 2m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(00)}m_{110}^{(22)}m_{102}\\
&+2m_{100}^{(21)}m_{010}^{(11)}m_{110}^{(20)}m_{201}^{(22)} + 2m_{100}^{(21)}m_{010}^{(11)}m_{110}^{(20)}m_{102}^{(20)} - 2m_{100}^{(21)}m_{010}^{(11)}m_{110}^{(22)}m_{201}^{(20)}\\
&-2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(00)}m_{111}^{(22)} - 2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(10)}m_{102}^{(20)} + 2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{210}^{(22)}\\
&+4m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{111}^{(20)} + 2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(21)}m_{102}^{(00)} - 2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(22)}m_{210}^{(20)}\\
&-2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(22)}m_{111}^{(00)} + 2m_{100}^{(21)}m_{010}^{(11)}m_{011}^{(00)}m_{201}^{(22)} - 2m_{100}^{(21)}m_{010}^{(11)}m_{011}^{(20)}m_{300}^{(22)}\\
&-2m_{100}^{(21)}m_{010}^{(11)}m_{011}^{(20)}m_{201}^{(20)} + 2m_{100}^{(21)}m_{010}^{(11)}m_{011}^{(22)}m_{300}^{(20)} + m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(10)}m_{201}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(20)}m_{210}^{(20)} - m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(21)}m_{201}^{(00)} + m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(22)}m_{210}^{(00)}\\
&+2m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(10)}m_{012}^{(21)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(20)}m_{012}^{(11)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{111}^{(21)}\\
&+2m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(22)}m_{111}^{(11)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(10)}m_{102}^{(21)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(10)}m_{012}^{(20)}\\
&+2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{102}^{(11)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{021}^{(20)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{201}^{(21)}\\
&-2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{012}^{(00)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(22)}m_{201}^{(11)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(22)}m_{021}^{(00)}\\
&-2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{111}^{(21)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{021}^{(20)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{111}^{(11)}\\
&+2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{030}^{(20)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{210}^{(21)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{021}^{(00)}\\
&-2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(22)}m_{210}^{(11)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(22)}m_{030}^{(00)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(10)}m_{102}^{(20)}\\
&+2m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(20)}m_{111}^{(20)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(21)}m_{102}^{(00)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(22)}m_{111}^{(00)}\\
&+2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{201}^{(21)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(20)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{201}^{(11)}\\
&-2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{120}^{(20)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(21)}m_{300}^{(21)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(00)}\\
&+2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(22)}m_{300}^{(11)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(22)}m_{120}^{(00)} - 4m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(00)}m_{012}^{(21)}\\
&+4m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{111}^{(21)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{021}^{(20)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(10)}\\
&-2m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(20)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(21)}m_{012}^{(00)} - 2m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(22)}m_{111}^{(10)}\\
&-2m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(22)}m_{021}^{(00)} + 4m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(00)}m_{102}^{(21)} - 4m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(20)}m_{201}^{(21)}\\
&-2m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(20)} - 2m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(10)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(21)}m_{201}^{(20)}\\
&-2m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(21)}m_{102}^{(00)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(22)}m_{201}^{(10)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(22)}m_{111}^{(00)}
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\begin{aligned}
&+4m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{111}^{(21)} - 4m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{210}^{(21)} - 2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(20)}\\
&-2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(10)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(21)}m_{210}^{(20)} - 2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(00)}\\
&+2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(22)}m_{210}^{(10)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(22)}m_{120}^{(00)} - 4m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(00)}m_{201}^{(21)}\\
&+4m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(20)}m_{300}^{(21)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(20)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(10)}\\
&-2m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(21)}m_{300}^{(20)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(00)} - 2m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(22)}m_{300}^{(10)}\\
&-2m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(22)}m_{210}^{(00)} + 2m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(00)}m_{012}^{(11)} + m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{021}^{(20)}\\
&-2m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{012}^{(10)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{111}^{(11)} - m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{030}^{(20)}\\
&+2m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(10)} - m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{021}^{(00)} + m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(22)}m_{030}^{(00)}\\
&-2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(00)}m_{102}^{(11)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(20)} + 2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{102}^{(10)}\\
&+2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{201}^{(11)} + 2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{120}^{(20)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(10)}\\
&+2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(00)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(22)}m_{120}^{(00)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(00)}m_{111}^{(11)}\\
&+2m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(10)} + 2m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(20)}m_{210}^{(11)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(10)}\\
&+m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(10)}m_{201}^{(20)} - m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(20)}m_{210}^{(20)} - m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(21)}m_{201}^{(00)}\\
&+m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(22)}m_{210}^{(00)} + 2m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{201}^{(11)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(10)}m_{201}^{(10)}\\
&-2m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(20)}m_{300}^{(11)} + 2m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(21)}m_{300}^{(10)} + m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(10)}m_{003}^{(10)}\\
&-m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(11)}m_{003}^{(00)} - m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(20)}m_{012}^{(10)} + m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(21)}m_{012}^{(00)}\\
&-2m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(10)} + 2m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(11)}m_{012}^{(00)} + 2m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(10)}\\
&-2m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{021}^{(00)} + m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(10)}m_{021}^{(10)} - m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(11)}m_{021}^{(00)}\\
&-m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(20)}m_{030}^{(10)} + m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(21)}m_{030}^{(00)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(10)}m_{021}^{(22)}\\
&-2m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(11)}m_{111}^{(22)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{021}^{(21)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{111}^{(21)}\\
&-2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{111}^{(22)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{003}^{(10)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(11)}m_{201}^{(22)}\\
&+2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(11)}m_{003}^{(00)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(21)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(10)}\\
&-2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{201}^{(21)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(00)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{120}^{(22)}\\
&+2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(10)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(11)}m_{210}^{(22)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(11)}m_{012}^{(00)}\\
&+2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{120}^{(21)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(10)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{210}^{(21)}\\
&+2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(00)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{210}^{(22)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(10)}\\
&-2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(11)}m_{300}^{(22)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(11)}m_{102}^{(00)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(21)}\\
&-2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(10)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{300}^{(21)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(00)}\\
&-2m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(10)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(11)}m_{111}^{(00)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(10)}\\
&-2m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(21)}m_{120}^{(00)} - 2m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(00)}m_{021}^{(22)} + 2m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{111}^{(22)}\\
&+m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{003}^{(10)} - m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(11)}m_{003}^{(00)} + 2m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{021}^{(20)}\\
&-m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(10)} - 2m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{111}^{(20)} + m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{012}^{(00)}\\
&+2m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(00)}m_{111}^{(22)} - 2m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(10)}m_{201}^{(22)} - 2m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(20)}\\
&+2m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(21)}m_{201}^{(20)} + 2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{120}^{(22)} - 2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{210}^{(22)}\\
&-2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(10)} + 2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(11)}m_{102}^{(00)} - 2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{120}^{(20)}\\
&+2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(10)} + 2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{210}^{(20)} - 2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(00)}\\
&-2m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(00)}m_{210}^{(22)} + 2m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(10)}m_{300}^{(22)} + 2m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(20)}m_{210}^{(20)}\\
&-2m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(21)}m_{300}^{(20)} + m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(10)}m_{201}^{(10)} - m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(11)}m_{201}^{(00)}
\end{aligned}
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\begin{aligned}
&-m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(10)} + m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(21)}m_{210}^{(00)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(21)} \\
&+2m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{111}^{(21)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{021}^{(11)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{111}^{(11)} \\
&+2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(21)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(10)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{201}^{(21)} \\
&-2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{012}^{(00)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(11)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(10)} \\
&+2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{201}^{(11)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(00)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(21)} \\
&-2m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(10)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{210}^{(21)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{021}^{(00)} \\
&-2m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(11)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(10)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(21)}m_{210}^{(11)} \\
&-2m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(21)}m_{030}^{(00)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(10)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(11)}m_{102}^{(00)} \\
&+2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(10)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(00)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(21)} \\
&+2m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(10)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(11)}m_{300}^{(21)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(11)}m_{111}^{(00)} \\
&+2m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(11)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(10)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(21)}m_{300}^{(11)} \\
&+2m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(00)} + 4m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(21)} - 4m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(21)} \\
&-2m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(20)} - 2m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(10)} + 2m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(20)} \\
&+2m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(11)}m_{012}^{(00)} + 2m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(10)} - 2m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(00)} \\
&-4m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(21)} + 4m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(21)} + 2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(20)} \\
&+2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(10)} - 2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(20)} - 2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(11)}m_{102}^{(00)} \\
&-2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(10)} + 2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(00)} - 4m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(21)} \\
&+4m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(21)} + 2m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(20)} + 2m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(10)} \\
&-2m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(20)} - 2m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(11)}m_{111}^{(00)} - 2m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(10)} \\
&+2m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(00)} + 4m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(21)} - 4m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(21)} \\
&-2m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(20)} - 2m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(10)} + 2m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(11)}m_{300}^{(20)} \\
&+2m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(11)}m_{201}^{(00)} + 2m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(10)} - 2m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(00)} \\
&-2m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(00)}m_{021}^{(11)} + 2m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{111}^{(11)} + 3m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(10)} \\
&-2m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(10)} - m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{021}^{(00)} - m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(10)} \\
&+m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(21)}m_{030}^{(00)} + 2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{111}^{(11)} - 2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{201}^{(11)} \\
&-4m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(10)} + 2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(11)}m_{201}^{(10)} + 2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(11)}m_{111}^{(00)} \\
&+2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(10)} - 2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(21)}m_{120}^{(00)} + 2m_{100}^{(21)}m_{001}^{(22)}m_{101}^{(00)}m_{120}^{(11)} \\
&-2m_{100}^{(21)}m_{001}^{(22)}m_{101}^{(10)}m_{210}^{(11)} - 2m_{100}^{(21)}m_{001}^{(22)}m_{101}^{(10)}m_{120}^{(10)} + 2m_{100}^{(21)}m_{001}^{(22)}m_{101}^{(11)}m_{210}^{(10)} \\
&+m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(10)} - m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(11)}m_{201}^{(00)} - m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(10)} \\
&+m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(21)}m_{210}^{(00)} - 2m_{100}^{(21)}m_{001}^{(22)}m_{011}^{(00)}m_{210}^{(11)} + 2m_{100}^{(21)}m_{001}^{(22)}m_{011}^{(10)}m_{300}^{(11)} \\
&+2m_{100}^{(21)}m_{001}^{(22)}m_{011}^{(10)}m_{210}^{(10)} - 2m_{100}^{(21)}m_{001}^{(22)}m_{011}^{(11)}m_{300}^{(10)} + (m_{100}^{(22)})^2m_{200}^{(10)}m_{021}^{(11)} \\
&-(m_{100}^{(22)})^2m_{200}^{(11)}m_{021}^{(10)} - (m_{100}^{(22)})^2m_{200}^{(20)}m_{030}^{(11)} + (m_{100}^{(22)})^2m_{200}^{(21)}m_{030}^{(10)} \\
&-2(m_{100}^{(22)})^2m_{110}^{(10)}m_{111}^{(11)} + 2(m_{100}^{(22)})^2m_{110}^{(11)}m_{111}^{(10)} + 2(m_{100}^{(22)})^2m_{110}^{(20)}m_{120}^{(11)} \\
&-2(m_{100}^{(22)})^2m_{110}^{(21)}m_{120}^{(10)} + (m_{100}^{(22)})^2m_{020}^{(10)}m_{201}^{(11)} - (m_{100}^{(22)})^2m_{020}^{(11)}m_{201}^{(10)} \\
&-(m_{100}^{(22)})^2m_{020}^{(20)}m_{210}^{(11)} + (m_{100}^{(22)})^2m_{020}^{(21)}m_{210}^{(10)} - m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(10)}m_{003}^{(10)} \\
&+m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(11)}m_{003}^{(00)} + m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(20)}m_{012}^{(10)} - m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(21)}m_{012}^{(00)} \\
&+2m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(10)}m_{012}^{(10)} - 2m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(11)}m_{012}^{(00)} - 2m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(20)}m_{021}^{(10)} \\
&+2m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(21)}m_{021}^{(00)} - m_{100}^{(22)}m_{010}^{(00)}m_{002}^{(10)}m_{021}^{(10)} + m_{100}^{(22)}m_{010}^{(00)}m_{002}^{(11)}m_{021}^{(00)}
\end{aligned}
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$$+m_{100}^{(22)}m_{010}^{(00)}m_{002}^{(20)}m_{030}^{(10)} - m_{100}^{(22)}m_{010}^{(00)}m_{002}^{(21)}m_{030}^{(00)} + m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(10)}m_{021}^{(22)}$$
$$-m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(20)}m_{021}^{(21)} - m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(21)}m_{120}^{(22)} + m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(22)}m_{120}^{(21)}$$
$$-2m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(10)}m_{111}^{(22)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(10)}m_{003}^{(10)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(11)}m_{003}^{(00)}$$
$$+2m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(20)}m_{111}^{(21)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(20)}m_{012}^{(10)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(21)}m_{210}^{(22)}$$
$$+2m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(21)}m_{012}^{(00)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(22)}m_{210}^{(21)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(10)}m_{012}^{(10)}$$
$$+2m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(11)}m_{012}^{(00)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(20)}m_{021}^{(10)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(21)}m_{021}^{(00)}$$
$$+m_{100}^{(22)}m_{010}^{(10)}m_{020}^{(10)}m_{201}^{(22)} - m_{100}^{(22)}m_{010}^{(10)}m_{020}^{(20)}m_{201}^{(21)} - m_{100}^{(22)}m_{010}^{(10)}m_{020}^{(21)}m_{300}^{(22)}$$
$$+m_{100}^{(22)}m_{010}^{(10)}m_{020}^{(22)}m_{300}^{(21)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(10)}m_{102}^{(10)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(11)}m_{102}^{(00)}$$
$$+2m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(20)}m_{111}^{(10)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(21)}m_{111}^{(00)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{002}^{(10)}m_{111}^{(10)}$$
$$-2m_{100}^{(22)}m_{010}^{(10)}m_{002}^{(11)}m_{111}^{(00)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{002}^{(20)}m_{120}^{(10)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{002}^{(21)}m_{120}^{(00)}$$
$$-m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(00)}m_{021}^{(22)} - m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(10)}m_{003}^{(10)} + m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(11)}m_{003}^{(00)}$$
$$+m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(20)}m_{120}^{(22)} + m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(20)}m_{021}^{(20)} + m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(20)}m_{012}^{(10)}$$
$$-m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(21)}m_{012}^{(00)} - m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(22)}m_{120}^{(20)} + 2m_{100}^{(22)}m_{010}^{(11)}m_{110}^{(00)}m_{111}^{(22)}$$
$$-2m_{100}^{(22)}m_{010}^{(11)}m_{110}^{(20)}m_{210}^{(22)} - 2m_{100}^{(22)}m_{010}^{(11)}m_{110}^{(20)}m_{111}^{(20)} + 2m_{100}^{(22)}m_{010}^{(11)}m_{110}^{(22)}m_{210}^{(20)}$$
$$+2m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(10)}m_{102}^{(10)} - 2m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(11)}m_{102}^{(00)} - 2m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(20)}m_{111}^{(10)}$$
$$+2m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(21)}m_{111}^{(00)} - m_{100}^{(22)}m_{010}^{(11)}m_{020}^{(00)}m_{201}^{(22)} + m_{100}^{(22)}m_{010}^{(11)}m_{020}^{(20)}m_{300}^{(22)}$$
$$+m_{100}^{(22)}m_{010}^{(11)}m_{020}^{(20)}m_{201}^{(20)} - m_{100}^{(22)}m_{010}^{(11)}m_{020}^{(22)}m_{300}^{(20)} - m_{100}^{(22)}m_{010}^{(11)}m_{002}^{(10)}m_{201}^{(10)}$$
$$+m_{100}^{(22)}m_{010}^{(11)}m_{002}^{(00)}m_{201}^{(20)} + m_{100}^{(22)}m_{010}^{(11)}m_{002}^{(20)}m_{210}^{(10)} - m_{100}^{(22)}m_{010}^{(11)}m_{002}^{(21)}m_{210}^{(00)}$$
$$-m_{100}^{(22)}m_{010}^{(20)}m_{200}^{(10)}m_{021}^{(21)} + m_{100}^{(22)}m_{010}^{(20)}m_{200}^{(20)}m_{021}^{(11)} + m_{100}^{(22)}m_{010}^{(20)}m_{200}^{(21)}m_{120}^{(21)}$$
$$-m_{100}^{(22)}m_{010}^{(20)}m_{200}^{(22)}m_{120}^{(11)} + 2m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(10)}m_{111}^{(21)} - 2m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(10)}m_{012}^{(10)}$$
$$+2m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(11)}m_{012}^{(00)} - 2m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(20)}m_{111}^{(11)} + 2m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(20)}m_{021}^{(10)}$$
$$-2m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(21)}m_{210}^{(21)} - 2m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(21)}m_{021}^{(00)} + 2m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(22)}m_{210}^{(11)}$$
$$+2m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(10)}m_{021}^{(10)} - 2m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(11)}m_{021}^{(00)} - 2m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(20)}m_{030}^{(10)}$$
$$+2m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(21)}m_{030}^{(00)} - m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(10)}m_{201}^{(21)} + 2m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(10)}m_{102}^{(10)}$$
$$-2m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(11)}m_{102}^{(00)} + m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(20)}m_{201}^{(11)} - 2m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(20)}m_{111}^{(10)}$$
$$+m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(21)}m_{300}^{(21)} + 2m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(21)}m_{111}^{(00)} - m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(22)}m_{300}^{(11)}$$
$$-2m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(10)} + 2m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(11)}m_{111}^{(00)} + 2m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(20)}m_{120}^{(10)}$$
$$-2m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(21)}m_{120}^{(00)} + 2m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(00)}m_{021}^{(21)} - m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(10)}m_{021}^{(20)}$$
$$+2m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(10)} - 2m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(11)}m_{012}^{(00)} - 2m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(20)}m_{120}^{(21)}$$
$$-3m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(20)}m_{021}^{(10)} + m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(21)}m_{120}^{(20)} + 2m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(21)}m_{021}^{(00)}$$
$$+m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(22)}m_{120}^{(10)} - 4m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(00)}m_{111}^{(21)} + 2m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{111}^{(20)}$$
$$-2m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{102}^{(10)} + 2m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(11)}m_{102}^{(00)} + 4m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(20)}m_{210}^{(21)}$$
$$+4m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(10)} - 2m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(21)}m_{210}^{(20)} - 2m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(21)}m_{111}^{(00)}$$
$$-2m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(22)}m_{210}^{(10)} - 2m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(10)} + 2m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(11)}m_{111}^{(00)}$$
$$+2m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(10)} - 2m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(21)}m_{120}^{(00)} + 2m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(00)}m_{201}^{(21)}$$
$$-m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(10)}m_{201}^{(20)} - 2m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(20)}m_{300}^{(21)} - m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(20)}m_{201}^{(10)}$$
$$+m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(21)}m_{300}^{(20)} + m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(22)}m_{300}^{(10)} + 2m_{100}^{(22)}m_{010}^{(21)}m_{010}^{(10)}m_{201}^{(10)}$$
$$-2m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(11)}m_{201}^{(00)} - 2m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(10)} + 2m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(21)}m_{210}^{(00)}$$

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\begin{aligned}
&-m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(00)}m_{021}^{(11)}+m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(11)}m_{021}^{(00)}+m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(20)}m_{120}^{(11)}\\
&+m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(20)}m_{030}^{(10)}-m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(21)}m_{120}^{(10)}-m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(21)}m_{030}^{(00)}\\
&+2m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(00)}m_{111}^{(11)}-2m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(11)}m_{111}^{(00)}-2m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(20)}m_{210}^{(11)}\\
&-2m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(20)}m_{120}^{(10)}+2m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(21)}m_{210}^{(10)}+2m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(21)}m_{120}^{(00)}\\
&-m_{100}^{(22)}m_{010}^{(22)}m_{020}^{(00)}m_{201}^{(11)}+m_{100}^{(22)}m_{010}^{(22)}m_{020}^{(11)}m_{201}^{(00)}+m_{100}^{(22)}m_{010}^{(22)}m_{020}^{(20)}m_{300}^{(11)}\\
&+m_{100}^{(22)}m_{010}^{(22)}m_{020}^{(20)}m_{210}^{(10)}-m_{100}^{(22)}m_{010}^{(22)}m_{020}^{(21)}m_{300}^{(10)}-m_{100}^{(22)}m_{010}^{(22)}m_{020}^{(21)}m_{210}^{(00)}\\
&-m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(10)}m_{030}^{(22)}+m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(11)}m_{120}^{(22)}+m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(20)}m_{030}^{(21)}\\
&-m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(21)}m_{120}^{(21)}+2m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{120}^{(22)}-2m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(11)}m_{210}^{(22)}\\
&-2m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(20)}m_{120}^{(21)}+2m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(21)}m_{210}^{(21)}-m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(10)}m_{210}^{(22)}\\
&+m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(11)}m_{300}^{(22)}+m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(20)}m_{210}^{(21)}-m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(21)}m_{300}^{(21)}\\
&+m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(00)}m_{030}^{(22)}-m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(10)}m_{120}^{(22)}-m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(20)}m_{030}^{(20)}\\
&+m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(21)}m_{120}^{(20)}-2m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(00)}m_{120}^{(22)}+2m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(10)}m_{210}^{(22)}\\
&+2m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(20)}m_{120}^{(20)}-2m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(21)}m_{210}^{(20)}+m_{100}^{(22)}m_{001}^{(11)}m_{020}^{(00)}m_{210}^{(22)}\\
&-m_{100}^{(22)}m_{001}^{(11)}m_{020}^{(10)}m_{300}^{(22)}-m_{100}^{(22)}m_{001}^{(11)}m_{020}^{(20)}m_{210}^{(20)}+m_{100}^{(22)}m_{001}^{(11)}m_{020}^{(21)}m_{300}^{(20)}\\
&+m_{100}^{(22)}m_{001}^{(20)}m_{200}^{(10)}m_{030}^{(21)}-m_{100}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{120}^{(21)}-m_{100}^{(22)}m_{001}^{(20)}m_{200}^{(20)}m_{030}^{(11)}\\
&+m_{100}^{(22)}m_{001}^{(20)}m_{200}^{(21)}m_{120}^{(11)}-2m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{120}^{(21)}+2m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{210}^{(21)}\\
&+2m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(11)}-2m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(11)}+m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{210}^{(21)}\\
&-m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(11)}m_{300}^{(21)}-m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(11)}+m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(21)}m_{300}^{(11)}\\
&-2m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(00)}m_{030}^{(21)}+2m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{120}^{(21)}+m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{030}^{(20)}\\
&-m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{120}^{(20)}+m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(20)}m_{030}^{(10)}-m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(10)}\\
&+4m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{120}^{(21)}-4m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{210}^{(21)}-2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{120}^{(20)}\\
&+2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(11)}m_{210}^{(20)}-2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(10)}+2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(10)}\\
&-2m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{210}^{(21)}+2m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(10)}m_{300}^{(21)}+m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(10)}m_{210}^{(20)}\\
&-m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(11)}m_{300}^{(20)}+m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(10)}-m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(21)}m_{300}^{(10)}\\
&+m_{100}^{(22)}m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(11)}-m_{100}^{(22)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(11)}-m_{100}^{(22)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(10)}\\
&+m_{100}^{(22)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(10)}-2m_{100}^{(22)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(11)}+2m_{100}^{(22)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(11)}\\
&+2m_{100}^{(22)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(10)}-2m_{100}^{(22)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(10)}+m_{100}^{(22)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(11)}\\
&-m_{100}^{(22)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(11)}-m_{100}^{(22)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(10)}+m_{100}^{(22)}m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(10)}\\
&-(m_{010}^{(00)})^2m_{020}^{(10)}m_{003}^{(22)}+(m_{010}^{(00)})^2m_{020}^{(20)}m_{003}^{(21)}+(m_{010}^{(00)})^2m_{020}^{(21)}m_{102}^{(22)}\\
&-(m_{010}^{(00)})^2m_{020}^{(22)}m_{102}^{(21)}+2(m_{010}^{(00)})^2m_{011}^{(10)}m_{012}^{(22)}-2(m_{010}^{(00)})^2m_{011}^{(20)}m_{012}^{(21)}\\
&-2(m_{010}^{(00)})^2m_{011}^{(21)}m_{111}^{(22)}+2(m_{010}^{(00)})^2m_{011}^{(22)}m_{111}^{(21)}-(m_{010}^{(00)})^2m_{002}^{(10)}m_{021}^{(22)}\\
&+(m_{010}^{(00)})^2m_{002}^{(20)}m_{021}^{(21)}+(m_{010}^{(00)})^2m_{002}^{(21)}m_{120}^{(22)}-(m_{010}^{(00)})^2m_{002}^{(22)}m_{120}^{(21)}\\
&+2m_{010}^{(00)}m_{010}^{(10)}m_{110}^{(10)}m_{003}^{(22)}-2m_{010}^{(00)}m_{010}^{(10)}m_{110}^{(20)}m_{003}^{(21)}-2m_{010}^{(00)}m_{010}^{(10)}m_{110}^{(21)}m_{102}^{(22)}\\
&+2m_{010}^{(00)}m_{010}^{(10)}m_{110}^{(22)}m_{102}^{(21)}-2m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(10)}m_{012}^{(22)}+2m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(20)}m_{012}^{(21)}\\
&+2m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(22)}-2m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(22)}m_{111}^{(21)}+m_{010}^{(00)}m_{010}^{(10)}m_{020}^{(00)}m_{003}^{(22)}\\
&-m_{010}^{(00)}m_{010}^{(10)}m_{020}^{(20)}m_{102}^{(22)}-m_{010}^{(00)}m_{010}^{(10)}m_{020}^{(20)}m_{003}^{(20)}+m_{010}^{(00)}m_{010}^{(10)}m_{020}^{(22)}m_{102}^{(20)}\\
&-2m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(00)}m_{012}^{(22)}-2m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(10)}m_{102}^{(22)}+2m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(20)}m_{111}^{(22)}\\
&+2m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(20)}m_{102}^{(21)}+2m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(20)}m_{012}^{(20)}+2m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{201}^{(22)}
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\begin{aligned}
&-2m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(22)}m_{201}^{(21)} - 2m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(22)}m_{111}^{(20)} + m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(00)}m_{021}^{(22)}\\
&+2m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(10)}m_{111}^{(22)} - m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(20)}m_{120}^{(22)} - 2m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(20)}m_{111}^{(21)}\\
&-m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(20)}m_{021}^{(20)} - 2m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(21)}m_{210}^{(22)} + 2m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(22)}m_{210}^{(21)}\\
&+m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(22)}m_{120}^{(20)} - m_{010}^{(00)}m_{010}^{(11)}m_{200}^{(10)}m_{003}^{(22)} + m_{010}^{(00)}m_{010}^{(11)}m_{200}^{(20)}m_{003}^{(21)}\\
&+m_{010}^{(00)}m_{010}^{(11)}m_{200}^{(21)}m_{102}^{(22)} - m_{010}^{(00)}m_{010}^{(11)}m_{200}^{(22)}m_{102}^{(21)} + 2m_{010}^{(00)}m_{010}^{(11)}m_{101}^{(10)}m_{102}^{(22)}\\
&-2m_{010}^{(00)}m_{010}^{(11)}m_{101}^{(20)}m_{102}^{(21)} - 2m_{010}^{(00)}m_{010}^{(11)}m_{101}^{(21)}m_{201}^{(22)} + 2m_{010}^{(00)}m_{010}^{(11)}m_{101}^{(22)}m_{201}^{(21)}\\
&-m_{010}^{(00)}m_{010}^{(11)}m_{002}^{(10)}m_{201}^{(22)} + m_{010}^{(00)}m_{010}^{(11)}m_{002}^{(20)}m_{201}^{(21)} + m_{010}^{(00)}m_{010}^{(11)}m_{002}^{(21)}m_{300}^{(22)}\\
&-m_{010}^{(00)}m_{010}^{(11)}m_{002}^{(22)}m_{300}^{(21)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(10)}m_{012}^{(22)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(21)}\\
&+2m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{111}^{(22)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(22)}m_{111}^{(21)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(10)}m_{021}^{(22)}\\
&-2m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(20)}m_{021}^{(21)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(21)}m_{120}^{(22)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(22)}m_{120}^{(21)}\\
&-m_{010}^{(00)}m_{010}^{(20)}m_{020}^{(00)}m_{003}^{(21)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{020}^{(10)}m_{102}^{(22)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{020}^{(10)}m_{003}^{(20)}\\
&-m_{010}^{(00)}m_{010}^{(20)}m_{020}^{(20)}m_{102}^{(21)} - m_{010}^{(00)}m_{010}^{(20)}m_{020}^{(20)}m_{003}^{(10)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{020}^{(21)}m_{201}^{(22)}\\
&-2m_{010}^{(00)}m_{010}^{(20)}m_{020}^{(21)}m_{102}^{(20)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{020}^{(22)}m_{201}^{(21)} + m_{010}^{(00)}m_{010}^{(20)}m_{020}^{(22)}m_{102}^{(10)}\\
&+2m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(00)}m_{012}^{(21)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(22)} - 4m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(10)}m_{012}^{(20)}\\
&+2m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(20)}m_{012}^{(10)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{210}^{(22)} + 4m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(20)}\\
&-2m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(22)}m_{210}^{(21)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(22)}m_{111}^{(10)} - m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(00)}m_{021}^{(21)}\\
&+2m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(10)}m_{021}^{(20)} + m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(20)}m_{120}^{(21)} - m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(20)}m_{021}^{(10)}\\
&-2m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{120}^{(20)} + m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(22)}m_{120}^{(10)} + 2m_{010}^{(00)}m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(22)}\\
&-2m_{010}^{(00)}m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(21)} - 2m_{010}^{(00)}m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(22)} + 2m_{010}^{(00)}m_{010}^{(21)}m_{200}^{(22)}m_{111}^{(21)}\\
&-2m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(10)}m_{102}^{(22)} + 2m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(21)} + 2m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(21)}m_{201}^{(22)}\\
&-2m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(22)}m_{201}^{(21)} - 2m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(22)} + 2m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(21)}\\
&+2m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{210}^{(22)} - 2m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(22)}m_{210}^{(21)} - m_{010}^{(00)}m_{010}^{(21)}m_{020}^{(00)}m_{003}^{(20)}\\
&+m_{010}^{(00)}m_{010}^{(21)}m_{020}^{(20)}m_{102}^{(20)} + m_{010}^{(00)}m_{010}^{(21)}m_{020}^{(20)}m_{003}^{(00)} - m_{010}^{(00)}m_{010}^{(21)}m_{020}^{(22)}m_{102}^{(00)}\\
&+2m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(00)}m_{012}^{(20)} + 2m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(22)} - 2m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(21)}\\
&-2m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{111}^{(20)} - 2m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{012}^{(00)} - 2m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{300}^{(22)}\\
&+2m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{300}^{(21)} + 2m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{111}^{(00)} - m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(00)}m_{021}^{(20)}\\
&+m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(20)}m_{120}^{(20)} + m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(20)}m_{021}^{(00)} - m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(22)}m_{120}^{(00)}\\
&-m_{010}^{(00)}m_{010}^{(22)}m_{200}^{(10)}m_{021}^{(22)} + m_{010}^{(00)}m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(21)} + m_{010}^{(00)}m_{010}^{(22)}m_{200}^{(21)}m_{120}^{(22)}\\
&-m_{010}^{(00)}m_{010}^{(22)}m_{200}^{(22)}m_{120}^{(21)} + 2m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(22)} - 2m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(21)}\\
&-2m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{210}^{(22)} + 2m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(22)}m_{210}^{(21)} + m_{010}^{(00)}m_{010}^{(22)}m_{020}^{(00)}m_{003}^{(10)}\\
&-m_{010}^{(00)}m_{010}^{(22)}m_{020}^{(10)}m_{201}^{(22)} - m_{010}^{(00)}m_{010}^{(22)}m_{020}^{(10)}m_{003}^{(00)} + m_{010}^{(00)}m_{010}^{(22)}m_{020}^{(20)}m_{201}^{(21)}\\
&-m_{010}^{(00)}m_{010}^{(22)}m_{020}^{(20)}m_{102}^{(10)} + m_{010}^{(00)}m_{010}^{(22)}m_{020}^{(21)}m_{300}^{(22)} + m_{010}^{(00)}m_{010}^{(22)}m_{020}^{(21)}m_{102}^{(00)}\\
&-m_{010}^{(00)}m_{010}^{(22)}m_{020}^{(22)}m_{300}^{(21)} - 2m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(00)}m_{012}^{(10)} + 2m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(10)}m_{012}^{(00)}\\
&+2m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(20)}m_{111}^{(10)} - 2m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{111}^{(00)} + m_{010}^{(00)}m_{010}^{(22)}m_{002}^{(00)}m_{021}^{(10)}\\
&-m_{010}^{(00)}m_{010}^{(22)}m_{002}^{(10)}m_{021}^{(00)} - m_{010}^{(00)}m_{010}^{(22)}m_{002}^{(20)}m_{120}^{(10)} + m_{010}^{(00)}m_{010}^{(22)}m_{002}^{(21)}m_{120}^{(00)}\\
&+m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(10)}m_{012}^{(22)} + m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(10)}m_{003}^{(21)} - m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(11)}m_{102}^{(22)}\\
&-m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(20)}m_{012}^{(21)} - m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(20)}m_{003}^{(11)} + m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(22)}m_{102}^{(11)}\\
&-2m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(10)}m_{021}^{(22)} - 2m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(21)} + 2m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(11)}m_{111}^{(22)}
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&+2m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(21)}+2m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(20)}m_{012}^{(11)}-2m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(22)}m_{111}^{(11)}\\
&+m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(10)}m_{030}^{(22)}+m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(10)}m_{021}^{(21)}-m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(11)}m_{120}^{(22)}\\
&-m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(20)}m_{030}^{(21)}-m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(20)}m_{021}^{(11)}+m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(22)}m_{120}^{(11)}\\
&-2m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(10)}m_{003}^{(21)}+2m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(20)}m_{003}^{(11)}+2m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(21)}\\
&-2m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{102}^{(11)}+2m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(21)}-2m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(20)}m_{012}^{(11)}\\
&-2m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(21)}+2m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(22)}m_{111}^{(11)}-m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(00)}m_{012}^{(22)}\\
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&+2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(00)}m_{021}^{(22)}-2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(22)}+2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(21)}\\
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&+2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(20)}+2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{201}^{(11)}-m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(00)}m_{030}^{(22)}\\
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&+m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(20)}m_{030}^{(20)}+2m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{210}^{(21)}-m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{120}^{(20)}\\
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&+2m_{010}^{(10)}m_{010}^{(20)}m_{020}^{(20)}m_{102}^{(20)}-2m_{010}^{(10)}m_{010}^{(20)}m_{020}^{(22)}m_{201}^{(20)}+2m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(00)}m_{111}^{(22)}\\
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&+2m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(00)}m_{111}^{(21)}-4m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{111}^{(20)}-2m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{210}^{(21)}\\
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&+2m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(22)}m_{210}^{(00)}+m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(00)}m_{021}^{(22)}-m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(20)}m_{120}^{(22)}\\
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&+2m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(21)}+2m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(20)}+4m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{102}^{(10)}\\
&-4m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{201}^{(10)}+2m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(00)}m_{120}^{(22)}+2m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(00)}m_{111}^{(21)}\\
&-2m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{210}^{(22)}+2m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(20)}-2m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{210}^{(21)}\\
&-2m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(20)}-4m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{111}^{(10)}+4m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(22)}m_{210}^{(10)}\\
&-m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(00)}m_{003}^{(21)}-m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(10)}m_{003}^{(20)}+m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{102}^{(21)}\\
&+2m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{003}^{(10)}+m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(20)}-2m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{102}^{(10)}\\
&+2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{102}^{(21)}+2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(20)}-2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{201}^{(21)}\\
&-4m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{102}^{(10)}-2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(20)}+4m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{201}^{(10)}\\
&-m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(00)}m_{201}^{(21)}-m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{201}^{(20)}+m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{300}^{(21)}\\
&+2m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{201}^{(10)}+m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(21)}m_{300}^{(20)}-2m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(22)}m_{300}^{(10)}\\
&-4m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(00)}m_{012}^{(21)}+2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{102}^{(21)}+2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{012}^{(10)}
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&-4m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{102}^{(20)} + 2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(21)} + 2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{012}^{(10)}\\
&+2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(20)} + 2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{102}^{(10)} - 4m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{111}^{(10)}\\
&+4m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(00)}m_{021}^{(21)} - 2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(21)} - 2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(20)}\\
&+4m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(20)} - 2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(21)} - 2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{021}^{(10)}\\
&-2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(20)} - 2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{111}^{(10)} + 4m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(22)}m_{120}^{(10)}\\
&+2m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{102}^{(21)} + 2m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(20)} - 2m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{201}^{(21)}\\
&-4m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{102}^{(10)} - 2m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(20)} + 4m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(22)}m_{201}^{(10)}\\
&-2m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(21)} - 6m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(20)} + 4m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{201}^{(20)}\\
&+2m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(21)} + 6m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{111}^{(10)} + 2m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{201}^{(10)} - 4m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(22)}m_{210}^{(10)} - 2m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(00)}m_{120}^{(21)}\\
&+2m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{210}^{(21)} + 4m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{120}^{(20)} - 4m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(11)}m_{210}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(20)}m_{120}^{(10)} + 2m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(21)}m_{210}^{(10)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(00)}m_{012}^{(21)}\\
&+2m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(20)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(21)} - 4m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{012}^{(10)}\\
&-2m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(20)} + 4m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(22)}m_{111}^{(10)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{102}^{(21)}\\
&-2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{012}^{(20)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(21)} + 4m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{102}^{(10)}\\
&+2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{012}^{(00)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(20)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{102}^{(00)}\\
&-4m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{201}^{(10)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(21)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{021}^{(20)}\\
&-4m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(20)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(21)} + 4m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{111}^{(10)}\\
&-2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{021}^{(00)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(20)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{111}^{(00)}\\
&-4m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(22)}m_{210}^{(10)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{201}^{(21)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{111}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(21)} - 4m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{201}^{(10)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{111}^{(00)}\\
&-2m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(20)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{201}^{(00)} + 4m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(22)}m_{300}^{(10)}\\
&-2m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(00)}m_{120}^{(20)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{210}^{(20)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(20)}m_{120}^{(00)}\\
&-2m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(21)}m_{210}^{(00)} - m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(00)}m_{021}^{(21)} - m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(20)}m_{120}^{(21)} + 2m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(20)}m_{021}^{(10)} + m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(22)}m_{120}^{(10)} + 2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{111}^{(21)} + 2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{012}^{(10)}\\
&+2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(20)} - 2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{102}^{(10)} - 2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{012}^{(00)}\\
&+2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{102}^{(00)} - 2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{210}^{(21)} - 4m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{111}^{(10)}\\
&-2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(20)} + 4m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(22)}m_{210}^{(10)} - 2m_{010}^{(10)}m_{001}^{(22)}m_{101}^{(00)}m_{021}^{(10)}\\
&+2m_{010}^{(10)}m_{001}^{(22)}m_{101}^{(10)}m_{111}^{(10)} + 2m_{010}^{(10)}m_{001}^{(22)}m_{101}^{(10)}m_{021}^{(00)} - 2m_{010}^{(10)}m_{001}^{(22)}m_{101}^{(11)}m_{111}^{(00)}\\
&-m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{201}^{(21)} - m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(20)} + m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{201}^{(21)}\\
&+2m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{201}^{(10)} + m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(20)} - 2m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(22)}m_{300}^{(10)}\\
&-2m_{010}^{(10)}m_{001}^{(22)}m_{011}^{(00)}m_{111}^{(10)} + 2m_{010}^{(10)}m_{001}^{(22)}m_{011}^{(10)}m_{201}^{(10)} + 2m_{010}^{(10)}m_{001}^{(22)}m_{011}^{(10)}m_{111}^{(00)}\\
&-2m_{010}^{(10)}m_{001}^{(22)}m_{011}^{(11)}m_{201}^{(00)} + 2m_{010}^{(10)}m_{001}^{(22)}m_{002}^{(00)}m_{120}^{(10)} - 2m_{010}^{(10)}m_{001}^{(22)}m_{002}^{(10)}m_{210}^{(10)}\\
&-2m_{010}^{(10)}m_{001}^{(22)}m_{002}^{(10)}m_{120}^{(00)} + 2m_{010}^{(10)}m_{001}^{(22)}m_{002}^{(11)}m_{210}^{(00)} - m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(00)}m_{003}^{(21)}\\
&+2m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(10)}m_{003}^{(20)} + m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(20)}m_{102}^{(21)} - m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(20)}m_{003}^{(10)}\\
&-2m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(21)}m_{102}^{(20)} + m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(22)}m_{102}^{(10)} + 2m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(00)}m_{102}^{(21)}\\
&-4m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(10)}m_{102}^{(20)} - 2m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{201}^{(21)} + 2m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{102}^{(10)}
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&+4m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(21)}m_{201}^{(20)} - 2m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(22)}m_{201}^{(10)} - m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(00)}m_{201}^{(21)}\\
&+2m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(10)}m_{201}^{(20)} + m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(20)}m_{300}^{(21)} - m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(20)}m_{201}^{(10)}\\
&-2m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(21)}m_{300}^{(20)} + m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(22)}m_{300}^{(10)} - m_{010}^{(11)}m_{010}^{(21)}m_{200}^{(00)}m_{003}^{(20)}\\
&+m_{010}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{102}^{(20)} + m_{010}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{003}^{(00)} - m_{010}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{102}^{(00)}\\
&+2m_{010}^{(11)}m_{010}^{(21)}m_{101}^{(00)}m_{102}^{(20)} - 2m_{010}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{201}^{(20)} - 2m_{010}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{102}^{(00)}\\
&+2m_{010}^{(11)}m_{010}^{(21)}m_{101}^{(22)}m_{201}^{(00)} - m_{010}^{(11)}m_{010}^{(21)}m_{002}^{(00)}m_{201}^{(20)} + m_{010}^{(11)}m_{010}^{(21)}m_{002}^{(20)}m_{300}^{(20)}\\
&+m_{010}^{(11)}m_{010}^{(21)}m_{002}^{(20)}m_{201}^{(00)} - m_{010}^{(11)}m_{010}^{(21)}m_{002}^{(22)}m_{300}^{(00)} + m_{010}^{(11)}m_{010}^{(22)}m_{200}^{(00)}m_{003}^{(10)}\\
&-m_{010}^{(11)}m_{010}^{(22)}m_{200}^{(10)}m_{003}^{(00)} - m_{010}^{(11)}m_{010}^{(22)}m_{200}^{(20)}m_{102}^{(10)} + m_{010}^{(11)}m_{010}^{(22)}m_{200}^{(21)}m_{102}^{(00)}\\
&-2m_{010}^{(11)}m_{010}^{(22)}m_{101}^{(00)}m_{102}^{(10)} + 2m_{010}^{(11)}m_{010}^{(22)}m_{101}^{(10)}m_{102}^{(00)} + 2m_{010}^{(11)}m_{010}^{(22)}m_{101}^{(20)}m_{201}^{(10)}\\
&-2m_{010}^{(11)}m_{010}^{(22)}m_{101}^{(21)}m_{201}^{(00)} + m_{010}^{(11)}m_{010}^{(22)}m_{002}^{(00)}m_{201}^{(10)} - m_{010}^{(11)}m_{010}^{(22)}m_{002}^{(10)}m_{201}^{(00)}\\
&-m_{010}^{(11)}m_{010}^{(22)}m_{002}^{(20)}m_{300}^{(10)} + m_{010}^{(11)}m_{010}^{(22)}m_{002}^{(21)}m_{300}^{(00)} + m_{010}^{(11)}m_{001}^{(00)}m_{200}^{(10)}m_{012}^{(22)}\\
&-m_{010}^{(11)}m_{001}^{(00)}m_{200}^{(11)}m_{102}^{(22)} - m_{010}^{(11)}m_{001}^{(00)}m_{200}^{(20)}m_{012}^{(21)} + m_{010}^{(11)}m_{001}^{(00)}m_{200}^{(21)}m_{102}^{(21)}\\
&-2m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(10)}m_{111}^{(22)} + 2m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(11)}m_{201}^{(22)} + 2m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{111}^{(21)}\\
&-2m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(21)}m_{201}^{(21)} + m_{010}^{(11)}m_{001}^{(00)}m_{020}^{(00)}m_{003}^{(20)} - m_{010}^{(11)}m_{001}^{(00)}m_{020}^{(20)}m_{102}^{(20)}\\
&-m_{010}^{(11)}m_{001}^{(00)}m_{020}^{(20)}m_{003}^{(00)} + m_{010}^{(11)}m_{001}^{(00)}m_{020}^{(22)}m_{102}^{(00)} - 2m_{010}^{(11)}m_{001}^{(00)}m_{011}^{(00)}m_{012}^{(20)}\\
&+2m_{010}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(20)} + 2m_{010}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{012}^{(00)} - 2m_{010}^{(11)}m_{001}^{(00)}m_{011}^{(22)}m_{111}^{(00)}\\
&+m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(00)}m_{021}^{(20)} + m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(10)}m_{210}^{(22)} - m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(11)}m_{300}^{(22)}\\
&-m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(20)}m_{210}^{(21)} - m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(20)}m_{120}^{(20)} - m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(20)}m_{021}^{(00)}\\
&+m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(21)}m_{300}^{(21)} + m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(22)}m_{120}^{(00)} - m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(00)}m_{012}^{(22)}\\
&+m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(10)}m_{102}^{(22)} + m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{012}^{(20)} - m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(21)}m_{102}^{(20)}\\
&-2m_{010}^{(11)}m_{001}^{(10)}m_{110}^{(00)}m_{003}^{(20)} + 2m_{010}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{102}^{(20)} + 2m_{010}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{003}^{(00)}\\
&-2m_{010}^{(11)}m_{001}^{(10)}m_{110}^{(22)}m_{102}^{(00)} + 2m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(00)}m_{111}^{(22)} + 2m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(00)}m_{012}^{(20)}\\
&-2m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{201}^{(22)} - 4m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(20)} - 2m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{012}^{(00)}\\
&+2m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{201}^{(20)} + 2m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{111}^{(00)} + 2m_{010}^{(11)}m_{001}^{(10)}m_{011}^{(00)}m_{102}^{(20)}\\
&-2m_{010}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(20)} - 2m_{010}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{102}^{(00)} + 2m_{010}^{(11)}m_{001}^{(10)}m_{011}^{(22)}m_{201}^{(00)}\\
&-m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(00)}m_{210}^{(22)} - 2m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(00)}m_{111}^{(20)} + m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{300}^{(22)}\\
&+3m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{210}^{(20)} + 2m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{111}^{(00)} - m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(21)}m_{300}^{(20)}\\
&-2m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(22)}m_{210}^{(00)} + m_{010}^{(11)}m_{001}^{(11)}m_{200}^{(00)}m_{003}^{(20)} - m_{010}^{(11)}m_{001}^{(11)}m_{200}^{(20)}m_{102}^{(20)}\\
&-m_{010}^{(11)}m_{001}^{(11)}m_{200}^{(20)}m_{003}^{(00)} + m_{010}^{(11)}m_{001}^{(11)}m_{200}^{(22)}m_{102}^{(00)} - 2m_{010}^{(11)}m_{001}^{(11)}m_{101}^{(00)}m_{102}^{(20)}\\
&+2m_{010}^{(11)}m_{001}^{(11)}m_{101}^{(20)}m_{201}^{(20)} + 2m_{010}^{(11)}m_{001}^{(11)}m_{101}^{(20)}m_{102}^{(00)} - 2m_{010}^{(11)}m_{001}^{(11)}m_{101}^{(22)}m_{201}^{(00)}\\
&+m_{010}^{(11)}m_{001}^{(11)}m_{002}^{(00)}m_{201}^{(20)} - m_{010}^{(11)}m_{001}^{(11)}m_{002}^{(20)}m_{300}^{(20)} - m_{010}^{(11)}m_{001}^{(11)}m_{002}^{(20)}m_{201}^{(00)}\\
&+m_{010}^{(11)}m_{001}^{(11)}m_{002}^{(22)}m_{300}^{(00)} + m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(00)}m_{012}^{(21)} - m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{102}^{(21)}\\
&-2m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{012}^{(20)} + 2m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(11)}m_{102}^{(20)} + m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{012}^{(10)}\\
&-m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{102}^{(10)} + 2m_{010}^{(11)}m_{001}^{(20)}m_{110}^{(00)}m_{012}^{(20)} - 2m_{010}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(20)}\\
&-2m_{010}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{012}^{(00)} + 2m_{010}^{(11)}m_{001}^{(20)}m_{110}^{(22)}m_{111}^{(00)} - 2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{111}^{(21)}\\
&-2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{021}^{(20)} + 2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{201}^{(21)} + 4m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(20)}\\
&-4m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{201}^{(20)} + 2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(20)} - 2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{111}^{(10)}\\
&+2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{021}^{(00)} + 2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{201}^{(10)} - 2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(22)}m_{120}^{(00)}
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&-2m_{010}^{(11)}m_{001}^{(20)}m_{020}^{(00)}m_{102}^{(20)} + 2m_{010}^{(11)}m_{001}^{(20)}m_{020}^{(20)}m_{201}^{(20)} + 2m_{010}^{(11)}m_{001}^{(20)}m_{020}^{(20)}m_{102}^{(00)}\\
&-2m_{010}^{(11)}m_{001}^{(20)}m_{020}^{(22)}m_{201}^{(00)} + 2m_{010}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{111}^{(20)} - 2m_{010}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(20)}\\
&-2m_{010}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{111}^{(00)} + 2m_{010}^{(11)}m_{001}^{(20)}m_{011}^{(22)}m_{210}^{(00)} + m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(00)}m_{210}^{(21)}\\
&-m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(10)}m_{300}^{(21)} - 2m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(10)}m_{210}^{(20)} + 2m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(11)}m_{300}^{(20)}\\
&+m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(20)}m_{210}^{(10)} - m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(21)}m_{300}^{(10)} - m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{012}^{(20)}\\
&-m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{102}^{(20)} + 2m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(20)} + m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{012}^{(00)}\\
&+m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{102}^{(00)} - 2m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(22)}m_{111}^{(00)} + 2m_{010}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{102}^{(20)}\\
&-2m_{010}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(20)} - 2m_{010}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{102}^{(00)} + 2m_{010}^{(11)}m_{001}^{(21)}m_{110}^{(22)}m_{201}^{(00)}\\
&+2m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{201}^{(20)} - 2m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(20)} - 2m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{201}^{(00)}\\
&+2m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(22)}m_{210}^{(00)} - 2m_{010}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{201}^{(20)} + 2m_{010}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(20)}\\
&+2m_{010}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{201}^{(00)} - 2m_{010}^{(11)}m_{001}^{(21)}m_{011}^{(22)}m_{300}^{(00)} + m_{010}^{(11)}m_{001}^{(21)}m_{002}^{(00)}m_{210}^{(20)}\\
&-m_{010}^{(11)}m_{001}^{(21)}m_{002}^{(10)}m_{300}^{(20)} - m_{010}^{(11)}m_{001}^{(21)}m_{002}^{(20)}m_{210}^{(00)} + m_{010}^{(11)}m_{001}^{(21)}m_{002}^{(21)}m_{300}^{(00)}\\
&+m_{010}^{(11)}m_{001}^{(22)}m_{200}^{(00)}m_{021}^{(20)} - m_{010}^{(11)}m_{001}^{(22)}m_{200}^{(00)}m_{012}^{(10)} + m_{010}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{102}^{(10)}\\
&+m_{010}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{012}^{(00)} - m_{010}^{(11)}m_{001}^{(22)}m_{200}^{(11)}m_{102}^{(00)} - m_{010}^{(11)}m_{001}^{(22)}m_{200}^{(20)}m_{120}^{(20)}\\
&-m_{010}^{(11)}m_{001}^{(22)}m_{200}^{(20)}m_{021}^{(00)} + m_{010}^{(11)}m_{001}^{(22)}m_{200}^{(22)}m_{120}^{(00)} - 2m_{010}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{111}^{(20)}\\
&+2m_{010}^{(11)}m_{001}^{(22)}m_{110}^{(20)}m_{210}^{(20)} + 2m_{010}^{(11)}m_{001}^{(22)}m_{110}^{(20)}m_{111}^{(00)} - 2m_{010}^{(11)}m_{001}^{(22)}m_{110}^{(22)}m_{210}^{(00)}\\
&+2m_{010}^{(11)}m_{001}^{(22)}m_{101}^{(00)}m_{111}^{(10)} - 2m_{010}^{(11)}m_{001}^{(22)}m_{101}^{(10)}m_{201}^{(10)} - 2m_{010}^{(11)}m_{001}^{(22)}m_{101}^{(10)}m_{111}^{(00)}\\
&+2m_{010}^{(11)}m_{001}^{(22)}m_{101}^{(11)}m_{201}^{(00)} + m_{010}^{(11)}m_{001}^{(22)}m_{020}^{(00)}m_{201}^{(20)} - m_{010}^{(11)}m_{001}^{(22)}m_{020}^{(20)}m_{300}^{(20)}\\
&-m_{010}^{(11)}m_{001}^{(22)}m_{020}^{(20)}m_{201}^{(00)} + m_{010}^{(11)}m_{001}^{(22)}m_{020}^{(22)}m_{300}^{(00)} - m_{010}^{(11)}m_{001}^{(22)}m_{002}^{(00)}m_{210}^{(10)}\\
&+m_{010}^{(11)}m_{001}^{(22)}m_{002}^{(10)}m_{300}^{(10)} + m_{010}^{(11)}m_{001}^{(22)}m_{002}^{(10)}m_{210}^{(00)} - m_{010}^{(11)}m_{001}^{(22)}m_{002}^{(11)}m_{300}^{(00)}\\
&-2(m_{010}^{(20)})^2m_{110}^{(00)}m_{012}^{(21)} + 4(m_{010}^{(20)})^2m_{110}^{(10)}m_{012}^{(20)} + 2(m_{010}^{(20)})^2m_{110}^{(20)}m_{111}^{(21)}\\
&-2(m_{010}^{(20)})^2m_{110}^{(20)}m_{012}^{(10)} - 4(m_{010}^{(20)})^2m_{110}^{(21)}m_{111}^{(20)} + 2(m_{010}^{(20)})^2m_{110}^{(22)}m_{111}^{(10)}\\
&+2(m_{010}^{(20)})^2m_{101}^{(00)}m_{021}^{(21)} - 4(m_{010}^{(20)})^2m_{101}^{(10)}m_{021}^{(20)} - 2(m_{010}^{(20)})^2m_{101}^{(20)}m_{120}^{(21)}\\
&+2(m_{010}^{(20)})^2m_{101}^{(20)}m_{021}^{(10)} + 4(m_{010}^{(20)})^2m_{101}^{(21)}m_{120}^{(20)} - 2(m_{010}^{(20)})^2m_{101}^{(22)}m_{120}^{(10)}\\
&+2(m_{010}^{(20)})^2m_{020}^{(00)}m_{102}^{(21)} - 4(m_{010}^{(20)})^2m_{020}^{(10)}m_{102}^{(20)} - 2(m_{010}^{(20)})^2m_{020}^{(20)}m_{201}^{(21)}\\
&+2(m_{010}^{(20)})^2m_{020}^{(20)}m_{102}^{(10)} + 4(m_{010}^{(20)})^2m_{020}^{(21)}m_{201}^{(20)} - 2(m_{010}^{(20)})^2m_{020}^{(22)}m_{201}^{(10)}\\
&-2(m_{010}^{(20)})^2m_{011}^{(00)}m_{111}^{(21)} + 4(m_{010}^{(20)})^2m_{011}^{(10)}m_{111}^{(20)} + 2(m_{010}^{(20)})^2m_{011}^{(20)}m_{210}^{(21)}\\
&-2(m_{010}^{(20)})^2m_{011}^{(20)}m_{111}^{(10)} - 4(m_{010}^{(20)})^2m_{011}^{(21)}m_{210}^{(20)} + 2(m_{010}^{(20)})^2m_{011}^{(22)}m_{210}^{(10)}\\
&+2m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(00)}m_{012}^{(21)} - 4m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(20)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(20)}m_{111}^{(21)}\\
&+2m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(10)} + 4m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(20)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(22)}m_{111}^{(10)}\\
&-2m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(00)}m_{102}^{(21)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(00)}m_{012}^{(20)} + 4m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{102}^{(20)}\\
&+2m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{201}^{(21)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(20)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(10)}\\
&+2m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{012}^{(00)} - 4m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{201}^{(20)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(22)}m_{201}^{(10)}\\
&-2m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(22)}m_{111}^{(00)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(00)}m_{111}^{(21)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(00)}m_{021}^{(20)}\\
&+4m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(20)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{210}^{(21)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(20)}\\
&-2m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(10)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{021}^{(00)} - 4m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{210}^{(20)}\\
&+2m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(22)}m_{210}^{(10)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(22)}m_{120}^{(00)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{020}^{(00)}m_{102}^{(20)}\\
&-2m_{010}^{(20)}m_{010}^{(21)}m_{020}^{(20)}m_{201}^{(20)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{020}^{(20)}m_{102}^{(00)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{020}^{(22)}m_{201}^{(00)}
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&+2m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{201}^{(21)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{111}^{(20)} - 4m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(20)}\\
&-2m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{300}^{(21)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(20)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(10)}\\
&+2m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{111}^{(00)} + 4m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{300}^{(20)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(22)}m_{300}^{(10)}\\
&-2m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(22)}m_{210}^{(00)} - m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(00)}m_{021}^{(21)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(10)}m_{021}^{(20)}\\
&+m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(20)}m_{120}^{(21)} - m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(10)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{120}^{(20)}\\
&+m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(22)}m_{120}^{(10)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(00)}m_{111}^{(21)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(00)}m_{012}^{(10)}\\
&-4m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(20)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{012}^{(00)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{210}^{(21)}\\
&+4m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{210}^{(20)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(00)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(22)}m_{210}^{(10)}\\
&-2m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(00)}m_{021}^{(10)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(10)}m_{021}^{(00)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(10)}\\
&-2m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(21)}m_{120}^{(00)} - m_{010}^{(20)}m_{010}^{(22)}m_{020}^{(00)}m_{201}^{(21)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{020}^{(00)}m_{102}^{(10)}\\
&+2m_{010}^{(20)}m_{010}^{(22)}m_{020}^{(10)}m_{201}^{(20)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{020}^{(10)}m_{102}^{(00)} + m_{010}^{(20)}m_{010}^{(22)}m_{020}^{(20)}m_{300}^{(21)}\\
&+m_{010}^{(20)}m_{010}^{(22)}m_{020}^{(20)}m_{201}^{(10)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{020}^{(21)}m_{300}^{(20)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{020}^{(21)}m_{201}^{(00)}\\
&+m_{010}^{(20)}m_{010}^{(22)}m_{020}^{(22)}m_{300}^{(10)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(00)}m_{111}^{(10)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(20)}m_{111}^{(00)}\\
&-2m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(10)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(21)}m_{210}^{(00)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(10)}m_{021}^{(22)}\\
&-2m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(11)}m_{111}^{(22)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(20)}m_{021}^{(21)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{111}^{(21)}\\
&-2m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(10)}m_{030}^{(22)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(11)}m_{120}^{(22)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(20)}m_{030}^{(21)}\\
&-2m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(21)}m_{120}^{(21)} + m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(00)}m_{003}^{(11)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(10)}m_{111}^{(22)}\\
&-m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(10)}m_{003}^{(10)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(11)}m_{201}^{(22)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(20)}m_{111}^{(21)}\\
&-m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(20)}m_{102}^{(11)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{201}^{(21)} + m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(10)}\\
&-2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(00)}m_{012}^{(11)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{120}^{(22)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(10)}\\
&-2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{210}^{(22)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(20)}m_{120}^{(21)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(11)}\\
&+2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{210}^{(21)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(10)} + m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(00)}m_{021}^{(11)}\\
&-m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(10)}m_{021}^{(10)} - m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(20)}m_{120}^{(11)} + m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(21)}m_{120}^{(10)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(00)}m_{021}^{(22)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(00)}m_{003}^{(11)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{111}^{(22)}\\
&+2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{003}^{(10)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{102}^{(11)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(20)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(20)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(10)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(00)}m_{030}^{(22)}\\
&+2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(00)}m_{012}^{(11)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{120}^{(22)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(10)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(11)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{030}^{(20)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(20)}\\
&+2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(10)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(00)}m_{111}^{(22)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{201}^{(22)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{111}^{(20)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{201}^{(20)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(00)}m_{120}^{(22)}\\
&+2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(00)}m_{102}^{(11)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{210}^{(22)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(10)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(11)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(20)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{210}^{(20)}\\
&+2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(10)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(00)}m_{111}^{(11)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(10)}\\
&+2m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(20)}m_{210}^{(11)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(21)}m_{210}^{(10)} + m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(00)}m_{003}^{(11)}\\
&-m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(10)}m_{003}^{(10)} - m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(20)}m_{102}^{(11)} + m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(10)}\\
&-2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(00)}m_{102}^{(11)} + 2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(10)} + 2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{201}^{(11)}\\
&-2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(10)} + m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(00)}m_{201}^{(11)} - m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(10)}m_{201}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(20)}m_{300}^{(11)} + m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(21)}m_{300}^{(10)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(00)}m_{021}^{(21)}
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&+2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(00)}m_{012}^{(11)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(21)} - 4m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(20)}\\
&-2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(10)} + 4m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(20)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(11)}\\
&+2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(10)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(00)}m_{030}^{(21)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(00)}m_{021}^{(11)}\\
&+2m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(21)} + 4m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(20)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(10)}\\
&-4m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(20)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(11)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(10)}\\
&-2m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(21)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(00)}m_{102}^{(11)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(21)}\\
&+4m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(20)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(10)} - 4m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(20)}\\
&+2m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{201}^{(11)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(10)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(21)}\\
&+2m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(00)}m_{111}^{(11)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(21)} - 4m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(20)}\\
&-2m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(10)} + 4m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(20)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(11)}\\
&+2m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(10)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(00)}m_{012}^{(11)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(10)}\\
&+2m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(11)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(10)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{102}^{(11)}\\
&+2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{021}^{(20)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(20)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(10)}\\
&-2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(11)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{021}^{(00)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(10)}\\
&+2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(00)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(11)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(00)}m_{030}^{(20)}\\
&+2m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(20)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(10)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(11)}\\
&+2m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(20)}m_{030}^{(00)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(10)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(00)}\\
&-2m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(20)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(20)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{111}^{(00)}\\
&-2m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{201}^{(00)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{201}^{(11)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{120}^{(20)}\\
&-2m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(20)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(10)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(11)}\\
&-2m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(20)}m_{120}^{(00)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(10)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(00)}\\
&+m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(00)}m_{021}^{(11)} - m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(10)} - m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(20)}m_{120}^{(11)}\\
&+m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(10)} - 2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{111}^{(11)} - 2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{021}^{(10)}\\
&+4m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(10)} + 2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{021}^{(00)} - 2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{111}^{(00)}\\
&+2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(20)}m_{210}^{(11)} - 2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(10)} + 2m_{010}^{(20)}m_{001}^{(22)}m_{101}^{(00)}m_{030}^{(10)}\\
&-2m_{010}^{(20)}m_{001}^{(22)}m_{101}^{(10)}m_{120}^{(10)} - 2m_{010}^{(20)}m_{001}^{(22)}m_{101}^{(10)}m_{030}^{(00)} + 2m_{010}^{(20)}m_{001}^{(22)}m_{101}^{(11)}m_{120}^{(00)}\\
&+m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{201}^{(11)} + 2m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(10)} - 3m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(10)}\\
&-2m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{111}^{(00)} + 2m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(11)}m_{201}^{(00)} - m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(20)}m_{300}^{(11)}\\
&+m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(10)} - 2m_{010}^{(20)}m_{001}^{(22)}m_{011}^{(00)}m_{120}^{(10)} + 2m_{010}^{(20)}m_{001}^{(22)}m_{011}^{(10)}m_{210}^{(10)}\\
&+2m_{010}^{(20)}m_{001}^{(22)}m_{011}^{(10)}m_{120}^{(00)} - 2m_{010}^{(20)}m_{001}^{(22)}m_{011}^{(11)}m_{210}^{(00)} + 2(m_{010}^{(21)})^2m_{200}^{(00)}m_{012}^{(20)}\\
&-2(m_{010}^{(21)})^2m_{200}^{(20)}m_{111}^{(20)} - 2(m_{010}^{(21)})^2m_{200}^{(20)}m_{012}^{(00)} + 2(m_{010}^{(21)})^2m_{200}^{(22)}m_{111}^{(00)}\\
&-2(m_{010}^{(21)})^2m_{110}^{(00)}m_{102}^{(20)} + 2(m_{010}^{(21)})^2m_{110}^{(20)}m_{201}^{(20)} + 2(m_{010}^{(21)})^2m_{110}^{(20)}m_{102}^{(00)}\\
&-2(m_{010}^{(21)})^2m_{110}^{(22)}m_{201}^{(00)} - 2(m_{010}^{(21)})^2m_{101}^{(00)}m_{111}^{(20)} + 2(m_{010}^{(21)})^2m_{101}^{(20)}m_{210}^{(20)}\\
&+2(m_{010}^{(21)})^2m_{101}^{(20)}m_{111}^{(00)} - 2(m_{010}^{(21)})^2m_{101}^{(22)}m_{210}^{(00)} + 2(m_{010}^{(21)})^2m_{011}^{(00)}m_{201}^{(20)}\\
&-2(m_{010}^{(21)})^2m_{011}^{(20)}m_{300}^{(20)} - 2(m_{010}^{(21)})^2m_{011}^{(20)}m_{201}^{(00)} + 2(m_{010}^{(21)})^2m_{011}^{(22)}m_{300}^{(00)}\\
&-m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(00)}m_{021}^{(20)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(00)}m_{012}^{(10)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{012}^{(00)}\\
&+m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{120}^{(20)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{111}^{(10)} + m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(00)}\\
&-2m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(00)} - m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(22)}m_{120}^{(00)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(00)}m_{111}^{(20)}
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\begin{aligned}
&+2m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(00)}m_{102}^{(10)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{102}^{(00)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{210}^{(20)}\\
&-2m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{201}^{(10)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(00)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(00)}\\
&+2m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(22)}m_{210}^{(00)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(00)}m_{111}^{(10)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(00)}\\
&-2m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(20)}m_{210}^{(10)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(00)} - m_{010}^{(21)}m_{010}^{(22)}m_{020}^{(00)}m_{201}^{(20)}\\
&+m_{010}^{(21)}m_{010}^{(22)}m_{020}^{(20)}m_{300}^{(20)} + m_{010}^{(21)}m_{010}^{(22)}m_{020}^{(20)}m_{201}^{(00)} - m_{010}^{(21)}m_{010}^{(22)}m_{020}^{(22)}m_{300}^{(00)}\\
&-2m_{010}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{201}^{(10)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{011}^{(10)}m_{201}^{(00)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{011}^{(20)}m_{300}^{(10)}\\
&-2m_{010}^{(21)}m_{010}^{(22)}m_{011}^{(21)}m_{300}^{(00)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{200}^{(10)}m_{021}^{(22)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{200}^{(11)}m_{111}^{(22)}\\
&+2m_{010}^{(21)}m_{001}^{(00)}m_{200}^{(20)}m_{021}^{(21)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{200}^{(21)}m_{111}^{(21)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(10)}m_{111}^{(22)}\\
&-2m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(11)}m_{201}^{(22)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{111}^{(21)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{201}^{(21)}\\
&+2m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(10)}m_{120}^{(22)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(11)}m_{210}^{(22)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(20)}m_{120}^{(21)}\\
&+2m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{210}^{(21)} - m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(00)}m_{003}^{(10)} + m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(10)}m_{003}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(20)}m_{102}^{(10)} - m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(00)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(00)}m_{012}^{(10)}\\
&-2m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{210}^{(22)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(00)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(11)}m_{300}^{(22)}\\
&+2m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{210}^{(21)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(10)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{300}^{(21)}\\
&+2m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(00)} - m_{010}^{(21)}m_{001}^{(00)}m_{002}^{(00)}m_{021}^{(10)} + m_{010}^{(21)}m_{001}^{(00)}m_{002}^{(10)}m_{021}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(00)}m_{002}^{(20)}m_{120}^{(10)} - m_{010}^{(21)}m_{001}^{(00)}m_{002}^{(21)}m_{120}^{(00)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(00)}m_{021}^{(22)}\\
&-2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(10)}m_{111}^{(22)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{021}^{(20)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{111}^{(20)}\\
&-2m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(00)}m_{111}^{(22)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(00)}m_{003}^{(10)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{201}^{(22)}\\
&-2m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{003}^{(00)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(20)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{102}^{(10)}\\
&-2m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{201}^{(20)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(00)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{120}^{(22)}\\
&-2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{012}^{(10)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{210}^{(22)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(00)}\\
&+2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{120}^{(20)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(10)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{210}^{(20)}\\
&-2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(00)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{210}^{(22)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{102}^{(10)}\\
&-2m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{300}^{(22)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(00)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(20)}\\
&+2m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(10)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{300}^{(20)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(00)}\\
&+2m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(00)}m_{111}^{(10)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(00)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(20)}m_{210}^{(10)}\\
&+2m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(21)}m_{210}^{(00)} - m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(00)}m_{003}^{(10)} + m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{003}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{102}^{(10)} - m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(00)} + 2m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{102}^{(10)}\\
&-2m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(00)} - 2m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{201}^{(10)} + 2m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(11)}m_{002}^{(00)}m_{201}^{(10)} + m_{010}^{(21)}m_{001}^{(11)}m_{002}^{(10)}m_{201}^{(00)} + m_{010}^{(21)}m_{001}^{(11)}m_{002}^{(20)}m_{300}^{(10)}\\
&-m_{010}^{(21)}m_{001}^{(11)}m_{002}^{(21)}m_{300}^{(00)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(00)}m_{021}^{(21)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{111}^{(21)}\\
&+4m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(20)} - 4m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{111}^{(20)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{021}^{(10)}\\
&+2m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{111}^{(10)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{111}^{(21)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{012}^{(10)}\\
&-2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{201}^{(21)} - 4m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(20)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(00)}\\
&+4m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{201}^{(20)} + 4m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(10)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{201}^{(10)}\\
&-2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(00)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(00)}m_{120}^{(21)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(00)}m_{021}^{(10)}\\
&-2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{210}^{(21)} - 4m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(20)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(00)}\\
&+4m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{210}^{(20)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(21)}m_{210}^{(10)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(00)}
\end{aligned}
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\begin{aligned}
&+2m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{102}^{(10)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(00)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{201}^{(10)}\\
&+2m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(00)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{210}^{(21)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{111}^{(10)}\\
&+2m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{300}^{(21)} + 4m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(20)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(00)}\\
&-4m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(11)}m_{300}^{(20)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(21)}m_{300}^{(10)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(00)}\\
&-2m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(20)} + 2m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{012}^{(10)} + 2m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(20)}\\
&-2m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(00)} - 2m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(10)} + 2m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(00)}\\
&+2m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(20)} - 2m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{102}^{(10)} - 2m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(20)}\\
&+2m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(00)} + 2m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(10)} - 2m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(00)}\\
&+2m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(20)} - 2m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(10)} - 2m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(20)}\\
&+2m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(00)} + 2m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(10)} - 2m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(00)}\\
&-2m_{010}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(20)} + 2m_{010}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{201}^{(10)} + 2m_{010}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(20)}\\
&-2m_{010}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(00)} - 2m_{010}^{(21)}m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(10)} + 2m_{010}^{(21)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(00)}m_{021}^{(10)} - 2m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{111}^{(10)} - m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(00)}\\
&+2m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(00)} + m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(20)}m_{120}^{(10)} - m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(00)}\\
&+2m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{201}^{(10)} - 2m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(11)}m_{201}^{(00)} - 2m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(20)}m_{210}^{(10)}\\
&+2m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(00)} - 2m_{010}^{(21)}m_{001}^{(22)}m_{101}^{(00)}m_{120}^{(10)} + 2m_{010}^{(21)}m_{001}^{(22)}m_{101}^{(10)}m_{210}^{(10)}\\
&+2m_{010}^{(21)}m_{001}^{(22)}m_{101}^{(10)}m_{120}^{(00)} - 2m_{010}^{(21)}m_{001}^{(22)}m_{101}^{(11)}m_{210}^{(00)} - m_{010}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{201}^{(10)}\\
&+m_{010}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(00)} + m_{010}^{(21)}m_{001}^{(22)}m_{020}^{(20)}m_{300}^{(10)} - m_{010}^{(21)}m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(00)}\\
&+2m_{010}^{(21)}m_{001}^{(22)}m_{011}^{(00)}m_{210}^{(10)} - 2m_{010}^{(21)}m_{001}^{(22)}m_{011}^{(10)}m_{300}^{(10)} - 2m_{010}^{(21)}m_{001}^{(22)}m_{011}^{(10)}m_{210}^{(00)}\\
&+2m_{010}^{(21)}m_{001}^{(22)}m_{011}^{(11)}m_{300}^{(00)} + (m_{010}^{(22)})^2m_{200}^{(00)}m_{021}^{(10)} - (m_{010}^{(22)})^2m_{200}^{(10)}m_{021}^{(00)}\\
&-(m_{010}^{(22)})^2m_{200}^{(20)}m_{120}^{(10)} + (m_{010}^{(22)})^2m_{200}^{(21)}m_{120}^{(00)} - 2(m_{010}^{(22)})^2m_{110}^{(00)}m_{111}^{(10)}\\
&+2(m_{010}^{(22)})^2m_{110}^{(10)}m_{111}^{(00)} + 2(m_{010}^{(22)})^2m_{110}^{(20)}m_{210}^{(10)} - 2(m_{010}^{(22)})^2m_{110}^{(21)}m_{210}^{(00)}\\
&+(m_{010}^{(22)})^2m_{020}^{(00)}m_{201}^{(10)} - (m_{010}^{(22)})^2m_{020}^{(10)}m_{201}^{(00)} - (m_{010}^{(22)})^2m_{020}^{(20)}m_{300}^{(10)}\\
&+(m_{010}^{(22)})^2m_{020}^{(21)}m_{300}^{(00)} + m_{010}^{(22)}m_{001}^{(00)}m_{200}^{(10)}m_{030}^{(22)} - m_{010}^{(22)}m_{001}^{(00)}m_{200}^{(11)}m_{120}^{(22)}\\
&-m_{010}^{(22)}m_{001}^{(00)}m_{200}^{(20)}m_{030}^{(21)} + m_{010}^{(22)}m_{001}^{(00)}m_{200}^{(21)}m_{120}^{(21)} - 2m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(10)}m_{120}^{(22)}\\
&+2m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(11)}m_{210}^{(22)} + 2m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(20)}m_{120}^{(21)} - 2m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(21)}m_{210}^{(21)}\\
&+m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(10)}m_{210}^{(22)} - m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(11)}m_{300}^{(22)} - m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(20)}m_{210}^{(21)}\\
&+m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(21)}m_{300}^{(21)} - m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(00)}m_{030}^{(22)} + m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(10)}m_{120}^{(22)}\\
&+m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(20)}m_{030}^{(20)} - m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(21)}m_{120}^{(20)} + 2m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(00)}m_{120}^{(22)}\\
&-2m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{210}^{(22)} - 2m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(20)}m_{120}^{(20)} + 2m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(21)}m_{210}^{(20)}\\
&-m_{010}^{(22)}m_{001}^{(10)}m_{020}^{(00)}m_{210}^{(22)} + m_{010}^{(22)}m_{001}^{(10)}m_{020}^{(10)}m_{300}^{(22)} + m_{010}^{(22)}m_{001}^{(10)}m_{020}^{(20)}m_{210}^{(20)}\\
&-m_{010}^{(22)}m_{001}^{(10)}m_{020}^{(21)}m_{300}^{(20)} + m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(00)}m_{030}^{(21)} - m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(10)}m_{120}^{(21)}\\
&-2m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(10)}m_{030}^{(20)} + 2m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{120}^{(20)} + m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(20)}m_{030}^{(10)}\\
&-m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(21)}m_{120}^{(10)} - 2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(00)}m_{120}^{(21)} + 2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{210}^{(21)}\\
&+4m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{120}^{(20)} - 4m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{210}^{(20)} - 2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(10)}\\
&+2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(10)} + m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{210}^{(21)} - m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{300}^{(21)}\\
&-2m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{210}^{(20)} + 2m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(11)}m_{300}^{(20)} + m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(10)}\\
&-m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(21)}m_{300}^{(10)} + m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(00)}m_{030}^{(20)} - m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{120}^{(20)}
\end{aligned}
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\begin{aligned}
&-m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(20)}m_{030}^{(00)}+m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(00)}-2m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{120}^{(20)}\\
&+2m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{210}^{(20)}+2m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(00)}-2m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(00)}\\
&+m_{010}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{210}^{(20)}-m_{010}^{(22)}m_{001}^{(21)}m_{020}^{(10)}m_{300}^{(20)}-m_{010}^{(22)}m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(00)}\\
&+m_{010}^{(22)}m_{001}^{(21)}m_{020}^{(21)}m_{300}^{(00)}-m_{010}^{(22)}m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(10)}+m_{010}^{(22)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(10)}\\
&+m_{010}^{(22)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(00)}-m_{010}^{(22)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(00)}+2m_{010}^{(22)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(10)}\\
&-2m_{010}^{(22)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(10)}-2m_{010}^{(22)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(00)}+2m_{010}^{(22)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(00)}\\
&-m_{010}^{(22)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(10)}+m_{010}^{(22)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(10)}+m_{010}^{(22)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(00)}\\
&-m_{010}^{(22)}m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(00)}-(m_{001}^{(00)})^2m_{020}^{(10)}m_{012}^{(21)}+(m_{001}^{(00)})^2m_{020}^{(11)}m_{102}^{(21)}\\
&+(m_{001}^{(00)})^2m_{020}^{(20)}m_{012}^{(11)}-(m_{001}^{(00)})^2m_{020}^{(21)}m_{102}^{(11)}+2(m_{001}^{(00)})^2m_{011}^{(10)}m_{021}^{(21)}\\
&-2(m_{001}^{(00)})^2m_{011}^{(11)}m_{111}^{(21)}-2(m_{001}^{(00)})^2m_{011}^{(20)}m_{021}^{(11)}+2(m_{001}^{(00)})^2m_{011}^{(21)}m_{111}^{(11)}\\
&-(m_{001}^{(00)})^2m_{002}^{(10)}m_{030}^{(21)}+(m_{001}^{(00)})^2m_{002}^{(11)}m_{120}^{(21)}+(m_{001}^{(00)})^2m_{002}^{(20)}m_{030}^{(11)}\\
&-(m_{001}^{(00)})^2m_{002}^{(21)}m_{120}^{(11)}+2m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(21)}-2m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(11)}m_{102}^{(21)}\\
&-2m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(11)}+2m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(11)}-2m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(21)}\\
&+2m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(21)}+2m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(11)}-2m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(11)}\\
&+m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(00)}m_{012}^{(21)}-m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(21)}+m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(10)}m_{012}^{(20)}\\
&-m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(11)}m_{102}^{(20)}-2m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{012}^{(10)}+2m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{102}^{(10)}\\
&-2m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(00)}m_{021}^{(21)}-2m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{021}^{(20)}+2m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{201}^{(21)}\\
&+2m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{111}^{(20)}+2m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(11)}+4m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{021}^{(10)}\\
&-2m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(11)}-4m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(10)}+m_{001}^{(00)}m_{001}^{(10)}m_{002}^{(00)}m_{030}^{(21)}\\
&+m_{001}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{120}^{(21)}+m_{001}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{030}^{(20)}-2m_{001}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{210}^{(21)}\\
&-m_{001}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{120}^{(20)}-2m_{001}^{(00)}m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(11)}-2m_{001}^{(00)}m_{001}^{(10)}m_{002}^{(20)}m_{030}^{(10)}\\
&+2m_{001}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{210}^{(11)}+2m_{001}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{120}^{(10)}-m_{001}^{(00)}m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(21)}\\
&+m_{001}^{(00)}m_{001}^{(11)}m_{200}^{(11)}m_{102}^{(21)}+m_{001}^{(00)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(11)}-m_{001}^{(00)}m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(11)}\\
&+2m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(21)}-2m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(11)}m_{201}^{(21)}-2m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(11)}\\
&+2m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(11)}-m_{001}^{(00)}m_{001}^{(11)}m_{020}^{(00)}m_{012}^{(20)}+m_{001}^{(00)}m_{001}^{(11)}m_{020}^{(10)}m_{102}^{(20)}\\
&+m_{001}^{(00)}m_{001}^{(11)}m_{020}^{(20)}m_{012}^{(00)}-m_{001}^{(00)}m_{001}^{(11)}m_{020}^{(21)}m_{102}^{(00)}+2m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(00)}m_{021}^{(20)}\\
&-2m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(10)}m_{111}^{(20)}-2m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{021}^{(00)}+2m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{111}^{(00)}\\
&-m_{001}^{(00)}m_{001}^{(11)}m_{002}^{(00)}m_{030}^{(20)}-m_{001}^{(00)}m_{001}^{(11)}m_{002}^{(10)}m_{210}^{(20)}+m_{001}^{(00)}m_{001}^{(11)}m_{002}^{(10)}m_{120}^{(20)}\\
&+m_{001}^{(00)}m_{001}^{(11)}m_{002}^{(11)}m_{300}^{(21)}+m_{001}^{(00)}m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(11)}+m_{001}^{(00)}m_{001}^{(11)}m_{002}^{(20)}m_{030}^{(00)}\\
&-m_{001}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{300}^{(11)}-m_{001}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{120}^{(00)}-2m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(21)}\\
&+2m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(21)}+2m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(11)}-2m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(11)}\\
&+2m_{001}^{(00)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(21)}-2m_{001}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(21)}-2m_{001}^{(00)}m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(11)}\\
&+2m_{001}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(11)}-m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(00)}m_{012}^{(11)}+2m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(21)}\\
&+m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(11)}+m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{012}^{(10)}-2m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(21)}\\
&-m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{102}^{(10)}-2m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(11)}+2m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(11)}\\
&+2m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(00)}m_{021}^{(11)}-2m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(21)}-2m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(11)}\\
&-2m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{021}^{(10)}+2m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(11)}+2m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{111}^{(10)}\\
&+2m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(11)}-2m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(11)}-m_{001}^{(00)}m_{001}^{(20)}m_{002}^{(00)}m_{030}^{(11)}
\end{aligned}
$$

$$+m_{001}^{(00)}m_{001}^{(20)}m_{002}^{(10)}m_{120}^{(11)}+m_{001}^{(00)}m_{001}^{(20)}m_{002}^{(10)}m_{030}^{(10)}-m_{001}^{(00)}m_{001}^{(20)}m_{002}^{(11)}m_{120}^{(10)}$$
$$+2m_{001}^{(00)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(21)}-2m_{001}^{(00)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(21)}-2m_{001}^{(00)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(11)}$$
$$+2m_{001}^{(00)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(11)}-2m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(21)}+2m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(21)}$$
$$+2m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(11)}-2m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(11)}-2m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(21)}$$
$$+2m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(21)}+2m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(11)}-2m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(11)}$$
$$+m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(00)}m_{012}^{(10)}-m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{102}^{(10)}-m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{012}^{(00)}$$
$$+m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(11)}m_{102}^{(00)}-2m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(00)}m_{021}^{(10)}+2m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(21)}$$
$$+2m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(10)}+2m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{021}^{(00)}-2m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{300}^{(21)}$$
$$-2m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{111}^{(00)}-2m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(11)}+2m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(11)}$$
$$+m_{001}^{(00)}m_{001}^{(21)}m_{002}^{(00)}m_{030}^{(10)}-m_{001}^{(00)}m_{001}^{(21)}m_{002}^{(10)}m_{120}^{(10)}-m_{001}^{(00)}m_{001}^{(21)}m_{002}^{(10)}m_{030}^{(00)}$$
$$+m_{001}^{(00)}m_{001}^{(21)}m_{002}^{(11)}m_{120}^{(00)}-m_{001}^{(00)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(21)}+m_{001}^{(00)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(21)}$$
$$+m_{001}^{(00)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(11)}-m_{001}^{(00)}m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(11)}+2m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(21)}$$
$$-2m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(21)}-2m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(11)}+2m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(11)}$$
$$-m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(21)}+m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(21)}+m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(11)}$$
$$-m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(11)}-2(m_{001}^{(10)})^2m_{110}^{(00)}m_{012}^{(21)}+2(m_{001}^{(10)})^2m_{110}^{(10)}m_{102}^{(21)}$$
$$-2(m_{001}^{(10)})^2m_{110}^{(10)}m_{012}^{(20)}+2(m_{001}^{(10)})^2m_{110}^{(11)}m_{102}^{(20)}+4(m_{001}^{(10)})^2m_{110}^{(20)}m_{012}^{(10)}$$
$$-4(m_{001}^{(10)})^2m_{110}^{(21)}m_{102}^{(10)}+2(m_{001}^{(10)})^2m_{101}^{(00)}m_{021}^{(21)}-2(m_{001}^{(10)})^2m_{101}^{(10)}m_{111}^{(21)}$$
$$+2(m_{001}^{(10)})^2m_{101}^{(10)}m_{021}^{(20)}-2(m_{001}^{(10)})^2m_{101}^{(11)}m_{111}^{(20)}-4(m_{001}^{(10)})^2m_{101}^{(20)}m_{021}^{(10)}$$
$$+4(m_{001}^{(10)})^2m_{101}^{(21)}m_{111}^{(10)}+2(m_{001}^{(10)})^2m_{011}^{(00)}m_{111}^{(21)}-2(m_{001}^{(10)})^2m_{011}^{(10)}m_{201}^{(21)}$$
$$+2(m_{001}^{(10)})^2m_{011}^{(10)}m_{111}^{(20)}-2(m_{001}^{(10)})^2m_{011}^{(11)}m_{201}^{(20)}-4(m_{001}^{(10)})^2m_{011}^{(20)}m_{111}^{(10)}$$
$$+4(m_{001}^{(10)})^2m_{011}^{(21)}m_{201}^{(10)}-2(m_{001}^{(10)})^2m_{002}^{(00)}m_{120}^{(21)}+2(m_{001}^{(10)})^2m_{002}^{(10)}m_{210}^{(21)}$$
$$-2(m_{001}^{(10)})^2m_{002}^{(10)}m_{120}^{(20)}+2(m_{001}^{(10)})^2m_{002}^{(11)}m_{210}^{(20)}+4(m_{001}^{(10)})^2m_{002}^{(20)}m_{120}^{(10)}$$
$$-4(m_{001}^{(10)})^2m_{002}^{(21)}m_{210}^{(10)}+m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(00)}m_{012}^{(21)}-m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(10)}m_{102}^{(21)}$$
$$+m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(20)}-m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(11)}m_{102}^{(20)}-2m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(10)}$$
$$+2m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(10)}+2m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(00)}m_{012}^{(20)}-2m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(20)}$$
$$-2m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{012}^{(00)}+2m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(21)}m_{102}^{(00)}-2m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{021}^{(21)}$$
$$-2m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{021}^{(20)}+2m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(21)}+2m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(11)}m_{201}^{(20)}$$
$$+4m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(10)}+2m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{021}^{(00)}-4m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(10)}$$
$$-2m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(00)}-2m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{111}^{(20)}+2m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(20)}$$
$$+2m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(00)}-2m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(21)}m_{201}^{(00)}+m_{001}^{(10)}m_{001}^{(11)}m_{002}^{(00)}m_{210}^{(21)}$$
$$+2m_{001}^{(10)}m_{001}^{(11)}m_{002}^{(00)}m_{120}^{(20)}-m_{001}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{300}^{(21)}-m_{001}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{210}^{(20)}$$
$$-m_{001}^{(10)}m_{001}^{(11)}m_{002}^{(11)}m_{300}^{(20)}-2m_{001}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(10)}-2m_{001}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{120}^{(00)}$$
$$+2m_{001}^{(10)}m_{001}^{(11)}m_{002}^{(21)}m_{300}^{(10)}+2m_{001}^{(10)}m_{001}^{(11)}m_{002}^{(21)}m_{210}^{(00)}+2m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(00)}m_{021}^{(21)}$$
$$+2m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(00)}m_{012}^{(11)}-2m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(21)}-2m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{102}^{(11)}$$
$$+2m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(20)}-2m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(10)}-2m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(20)}$$
$$+2m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{102}^{(10)}-4m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(10)}+4m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(10)}$$
$$-2m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(00)}m_{030}^{(21)}-2m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(00)}m_{021}^{(11)}+2m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(21)}$$
$$+2m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(11)}-2m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(20)}+2m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(10)}$$

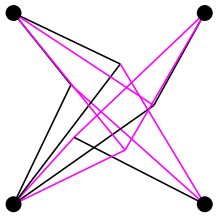
$$+2m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(20)} - 2m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(10)} + 4m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(10)}$$
$$-4m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(10)} - 2m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(21)} + 2m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(21)}$$
$$-2m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(20)} + 2m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(20)} + 4m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(10)}$$
$$-4m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(10)} + 2m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(21)} - 2m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{111}^{(11)}$$
$$-2m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(21)} + 2m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(11)} + 2m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(20)}$$
$$+2m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(10)} - 2m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(20)} - 2m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{201}^{(10)}$$
$$-4m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(10)} + 4m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(10)} + 2m_{001}^{(10)}m_{001}^{(20)}m_{002}^{(00)}m_{120}^{(11)}$$
$$-2m_{001}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{210}^{(11)} - 2m_{001}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{120}^{(10)} + 2m_{001}^{(10)}m_{001}^{(20)}m_{002}^{(11)}m_{210}^{(10)}$$
$$-2m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(21)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(21)} - 2m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(20)}$$
$$+2m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(20)} + 4m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(10)} - 4m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(10)}$$
$$+2m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(21)} - 2m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{012}^{(10)} - 2m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(21)}$$
$$+2m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(20)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(10)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{012}^{(00)}$$
$$-2m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(20)} - 2m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(11)}m_{102}^{(00)} - 4m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(10)}$$
$$+4m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(10)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(21)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{021}^{(10)}$$
$$-2m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(21)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(20)} - 2m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(10)}$$
$$-2m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(00)} - 2m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(20)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{111}^{(00)}$$
$$-4m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(10)} + 4m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(10)} - 2m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(21)}$$
$$+2m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(10)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(21)} - 2m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(20)}$$
$$-2m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(10)} - 2m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(00)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(11)}m_{300}^{(20)}$$
$$+2m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(11)}m_{201}^{(00)} + 4m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(10)} - 4m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(10)}$$
$$-2m_{001}^{(10)}m_{001}^{(21)}m_{002}^{(00)}m_{120}^{(10)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{210}^{(10)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{120}^{(00)}$$
$$-2m_{001}^{(10)}m_{001}^{(21)}m_{002}^{(11)}m_{210}^{(00)} + m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(21)} - m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(21)}$$
$$+m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(20)} - m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(20)} - 2m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(10)}$$
$$+2m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(10)} - 2m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(21)} + 2m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(21)}$$
$$-2m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(20)} + 2m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(20)} + 4m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(10)}$$
$$-4m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(10)} + m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(21)} - m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(21)}$$
$$+m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(20)} - m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(20)} - 2m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(10)}$$
$$+2m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(10)} - (m_{001}^{(11)})^2m_{200}^{(00)}m_{012}^{(20)} + (m_{001}^{(11)})^2m_{200}^{(10)}m_{102}^{(20)}$$
$$+(m_{001}^{(11)})^2m_{200}^{(20)}m_{012}^{(00)} - (m_{001}^{(11)})^2m_{200}^{(21)}m_{102}^{(00)} + 2(m_{001}^{(11)})^2m_{101}^{(00)}m_{111}^{(20)}$$
$$-2(m_{001}^{(11)})^2m_{101}^{(10)}m_{201}^{(20)} - 2(m_{001}^{(11)})^2m_{101}^{(20)}m_{111}^{(00)} + 2(m_{001}^{(11)})^2m_{101}^{(21)}m_{201}^{(00)}$$
$$-(m_{001}^{(11)})^2m_{002}^{(00)}m_{210}^{(20)} + (m_{001}^{(11)})^2m_{002}^{(10)}m_{300}^{(20)} + (m_{001}^{(11)})^2m_{002}^{(20)}m_{210}^{(00)}$$
$$-(m_{001}^{(11)})^2m_{002}^{(21)}m_{300}^{(00)} - m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(00)}m_{012}^{(11)} + m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{102}^{(11)}$$
$$+m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{012}^{(10)} - m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(11)}m_{102}^{(10)} - 2m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(00)}m_{021}^{(20)}$$
$$+2m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(20)} + 2m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(00)} - 2m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(00)}$$
$$+2m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{111}^{(11)} + 2m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{030}^{(20)} - 2m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{201}^{(11)}$$
$$-2m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(20)} - 2m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(10)} + 2m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{201}^{(10)}$$
$$-2m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(00)} + 2m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(00)} + 2m_{001}^{(11)}m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(20)}$$
$$-2m_{001}^{(11)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(20)} - 2m_{001}^{(11)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(00)} + 2m_{001}^{(11)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(00)}$$

$$
\begin{aligned}
&-2m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(20)} + 2m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(20)} + 2m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(00)}\\
&-2m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(00)} - m_{001}^{(11)}m_{001}^{(20)}m_{002}^{(00)}m_{210}^{(11)} + m_{001}^{(11)}m_{001}^{(20)}m_{002}^{(10)}m_{300}^{(11)}\\
&+m_{001}^{(11)}m_{001}^{(20)}m_{002}^{(10)}m_{210}^{(10)} - m_{001}^{(11)}m_{001}^{(20)}m_{002}^{(11)}m_{300}^{(10)} + 2m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(20)}\\
&+m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{012}^{(10)} - 2m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(20)} - m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{102}^{(10)}\\
&-m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(00)} + m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(11)}m_{102}^{(00)} - 2m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(00)}\\
&+2m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(00)} - 2m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(20)} + 2m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(20)}\\
&+2m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(00)} - 2m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(00)} - 2m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(20)}\\
&-2m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(10)} + 2m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(20)} + 2m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{201}^{(10)}\\
&+2m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(00)} - 2m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(00)} + 2m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(00)}\\
&-2m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(00)} + 2m_{001}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(20)} - 2m_{001}^{(11)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(20)}\\
&-2m_{001}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(00)} + 2m_{001}^{(11)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(00)} + m_{001}^{(11)}m_{001}^{(21)}m_{002}^{(00)}m_{210}^{(10)}\\
&-m_{001}^{(11)}m_{001}^{(21)}m_{002}^{(10)}m_{300}^{(10)} - m_{001}^{(11)}m_{001}^{(21)}m_{002}^{(10)}m_{210}^{(00)} + m_{001}^{(11)}m_{001}^{(21)}m_{002}^{(11)}m_{300}^{(00)}\\
&-m_{001}^{(11)}m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(20)} + m_{001}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(20)} + m_{001}^{(11)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(00)}\\
&-m_{001}^{(11)}m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(00)} + 2m_{001}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(20)} - 2m_{001}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(20)}\\
&-2m_{001}^{(11)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(00)} + 2m_{001}^{(11)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(00)} - m_{001}^{(11)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(20)}\\
&+m_{001}^{(11)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(20)} + m_{001}^{(11)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(00)} - m_{001}^{(11)}m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(00)}\\
&-2(m_{001}^{(20)})^2m_{110}^{(00)}m_{021}^{(11)} + 2(m_{001}^{(20)})^2m_{110}^{(10)}m_{111}^{(11)} + 2(m_{001}^{(20)})^2m_{110}^{(10)}m_{021}^{(10)}\\
&-2(m_{001}^{(20)})^2m_{110}^{(11)}m_{111}^{(10)} + 2(m_{001}^{(20)})^2m_{101}^{(00)}m_{030}^{(11)} - 2(m_{001}^{(20)})^2m_{101}^{(10)}m_{120}^{(11)}\\
&-2(m_{001}^{(20)})^2m_{101}^{(10)}m_{030}^{(10)} + 2(m_{001}^{(20)})^2m_{101}^{(11)}m_{120}^{(10)} + 2(m_{001}^{(20)})^2m_{020}^{(00)}m_{111}^{(11)}\\
&-2(m_{001}^{(20)})^2m_{020}^{(10)}m_{201}^{(11)} - 2(m_{001}^{(20)})^2m_{020}^{(10)}m_{111}^{(10)} + 2(m_{001}^{(20)})^2m_{020}^{(11)}m_{201}^{(10)}\\
&-2(m_{001}^{(20)})^2m_{011}^{(00)}m_{120}^{(11)} + 2(m_{001}^{(20)})^2m_{011}^{(10)}m_{210}^{(11)} + 2(m_{001}^{(20)})^2m_{011}^{(10)}m_{120}^{(10)}\\
&-2(m_{001}^{(20)})^2m_{011}^{(11)}m_{210}^{(10)} + 2m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(11)} - 2m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(11)}\\
&-2m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(10)} + 2m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(10)} - 2m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(11)}\\
&+2m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{021}^{(10)} + 2m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(11)} - 2m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{021}^{(00)}\\
&-2m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(10)} + 2m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{111}^{(00)} - 2m_{001}^{(20)}m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(11)}\\
&-2m_{001}^{(20)}m_{001}^{(21)}m_{101}^{(00)}m_{030}^{(10)} + 2m_{001}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(11)} + 4m_{001}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(10)}\\
&+2m_{001}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{030}^{(00)} - 2m_{001}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(10)} - 2m_{001}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{120}^{(00)}\\
&-2m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(10)} + 2m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(10)} + 2m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{111}^{(00)}\\
&-2m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(11)}m_{201}^{(00)} + 2m_{001}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(11)} + 2m_{001}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{120}^{(10)}\\
&-2m_{001}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(11)} - 4m_{001}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(10)} - 2m_{001}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{120}^{(00)}\\
&+2m_{001}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{300}^{(10)} + 2m_{001}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{210}^{(00)} - m_{001}^{(20)}m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(11)}\\
&+m_{001}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(11)} + m_{001}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(10)} - m_{001}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(10)}\\
&+2m_{001}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(11)} - 2m_{001}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(11)} - 2m_{001}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(10)}\\
&+2m_{001}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(10)} - m_{001}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(11)} + m_{001}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(11)}\\
&+m_{001}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(10)} - m_{001}^{(20)}m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(10)} - 2(m_{001}^{(21)})^2m_{200}^{(00)}m_{021}^{(10)}\\
&+2(m_{001}^{(21)})^2m_{200}^{(10)}m_{111}^{(10)} + 2(m_{001}^{(21)})^2m_{200}^{(10)}m_{021}^{(00)} - 2(m_{001}^{(21)})^2m_{200}^{(11)}m_{111}^{(00)}\\
&+2(m_{001}^{(21)})^2m_{110}^{(00)}m_{111}^{(10)} - 2(m_{001}^{(21)})^2m_{110}^{(10)}m_{201}^{(10)} - 2(m_{001}^{(21)})^2m_{110}^{(10)}m_{111}^{(00)}\\
&+2(m_{001}^{(21)})^2m_{110}^{(11)}m_{201}^{(00)} + 2(m_{001}^{(21)})^2m_{101}^{(00)}m_{120}^{(10)} - 2(m_{001}^{(21)})^2m_{101}^{(10)}m_{210}^{(10)}
\end{aligned}
$$

$$
\begin{array}{l}
-2(m_{001}^{(21)})^2 m_{101}^{(10)} m_{120}^{(00)} + 2(m_{001}^{(21)})^2 m_{101}^{(11)} m_{210}^{(00)} - 2(m_{001}^{(21)})^2 m_{011}^{(00)} m_{210}^{(10)} \\
+2(m_{001}^{(21)})^2 m_{011}^{(10)} m_{300}^{(10)} + 2(m_{001}^{(21)})^2 m_{011}^{(10)} m_{210}^{(00)} - 2(m_{001}^{(21)})^2 m_{011}^{(11)} m_{300}^{(00)} \\
+m_{001}^{(21)} m_{001}^{(22)} m_{200}^{(00)} m_{030}^{(10)} - m_{001}^{(21)} m_{001}^{(22)} m_{200}^{(10)} m_{120}^{(10)} - m_{001}^{(21)} m_{001}^{(22)} m_{200}^{(10)} m_{030}^{(00)} \\
+m_{001}^{(21)} m_{001}^{(22)} m_{200}^{(11)} m_{120}^{(00)} - 2m_{001}^{(21)} m_{001}^{(22)} m_{110}^{(00)} m_{120}^{(10)} + 2m_{001}^{(21)} m_{001}^{(22)} m_{110}^{(10)} m_{210}^{(10)} \\
+2m_{001}^{(21)} m_{001}^{(22)} m_{110}^{(10)} m_{120}^{(00)} - 2m_{001}^{(21)} m_{001}^{(22)} m_{110}^{(11)} m_{210}^{(00)} + m_{001}^{(21)} m_{001}^{(22)} m_{020}^{(00)} m_{210}^{(10)} \\
-m_{001}^{(21)} m_{001}^{(22)} m_{020}^{(10)} m_{300}^{(10)} - m_{001}^{(21)} m_{001}^{(22)} m_{020}^{(10)} m_{210}^{(00)} + m_{001}^{(21)} m_{001}^{(22)} m_{020}^{(11)} m_{300}^{(00)}
\end{array}
$$

Generating graph:

$$
\begin{array}{cccccc}
V1 & 1 & 1 & 1 & V1 \\
V2 & V2 & 2 & 2 & V3 \\
V3 & 3 & V4 & V4 & 4
\end{array}
$$



$$
\begin{array}{rcl}
T_{96} & = & m_{100}^{(00)} m_{100}^{(10)} m_{020}^{(11)} m_{003}^{(22)} - m_{100}^{(00)} m_{100}^{(10)} m_{020}^{(21)} m_{012}^{(22)} - m_{100}^{(00)} m_{100}^{(10)} m_{020}^{(21)} m_{003}^{(21)} \\
 & & +m_{100}^{(00)} m_{100}^{(10)} m_{020}^{(22)} m_{012}^{(21)} - 2m_{100}^{(00)} m_{100}^{(10)} m_{011}^{(11)} m_{012}^{(22)} + 2m_{100}^{(00)} m_{100}^{(10)} m_{011}^{(21)} m_{021}^{(22)} \\
 & & +2m_{100}^{(00)} m_{100}^{(10)} m_{011}^{(21)} m_{012}^{(21)} - 2m_{100}^{(00)} m_{100}^{(10)} m_{011}^{(22)} m_{021}^{(21)} + m_{100}^{(00)} m_{100}^{(10)} m_{002}^{(11)} m_{021}^{(22)} \\
 & & -m_{100}^{(00)} m_{100}^{(10)} m_{002}^{(21)} m_{030}^{(22)} - m_{100}^{(00)} m_{100}^{(10)} m_{002}^{(21)} m_{021}^{(21)} + m_{100}^{(00)} m_{100}^{(10)} m_{002}^{(22)} m_{030}^{(21)} \\
 & & -m_{100}^{(00)} m_{100}^{(11)} m_{020}^{(10)} m_{003}^{(22)} + m_{100}^{(00)} m_{100}^{(11)} m_{020}^{(20)} m_{003}^{(21)} + m_{100}^{(00)} m_{100}^{(11)} m_{020}^{(21)} m_{102}^{(22)} \\
 & & -m_{100}^{(00)} m_{100}^{(11)} m_{020}^{(22)} m_{102}^{(21)} + 2m_{100}^{(00)} m_{100}^{(11)} m_{011}^{(10)} m_{012}^{(22)} - 2m_{100}^{(00)} m_{100}^{(11)} m_{011}^{(20)} m_{012}^{(21)} \\
 & & -2m_{100}^{(00)} m_{100}^{(11)} m_{011}^{(21)} m_{111}^{(22)} + 2m_{100}^{(00)} m_{100}^{(11)} m_{011}^{(22)} m_{111}^{(21)} - m_{100}^{(00)} m_{100}^{(11)} m_{002}^{(10)} m_{021}^{(22)} \\
 & & +m_{100}^{(00)} m_{100}^{(11)} m_{002}^{(20)} m_{021}^{(21)} + m_{100}^{(00)} m_{100}^{(11)} m_{002}^{(21)} m_{120}^{(22)} - m_{100}^{(00)} m_{100}^{(11)} m_{002}^{(22)} m_{120}^{(21)} \\
 & & -m_{100}^{(00)} m_{100}^{(20)} m_{020}^{(11)} m_{003}^{(21)} + m_{100}^{(00)} m_{100}^{(20)} m_{020}^{(21)} m_{012}^{(21)} + m_{100}^{(00)} m_{100}^{(20)} m_{020}^{(21)} m_{003}^{(11)} \\
 & & -m_{100}^{(00)} m_{100}^{(20)} m_{020}^{(22)} m_{012}^{(11)} + 2m_{100}^{(00)} m_{100}^{(20)} m_{011}^{(11)} m_{012}^{(21)} - 2m_{100}^{(00)} m_{100}^{(20)} m_{011}^{(21)} m_{021}^{(21)} \\
 & & -2m_{100}^{(00)} m_{100}^{(20)} m_{011}^{(21)} m_{012}^{(11)} + 2m_{100}^{(00)} m_{100}^{(20)} m_{011}^{(22)} m_{021}^{(11)} - m_{100}^{(00)} m_{100}^{(20)} m_{002}^{(11)} m_{021}^{(21)} \\
 & & +m_{100}^{(00)} m_{100}^{(20)} m_{002}^{(21)} m_{030}^{(21)} + m_{100}^{(00)} m_{100}^{(20)} m_{002}^{(21)} m_{021}^{(11)} - m_{100}^{(00)} m_{100}^{(20)} m_{002}^{(22)} m_{030}^{(11)} \\
 & & +m_{100}^{(00)} m_{100}^{(21)} m_{020}^{(10)} m_{012}^{(22)} + m_{100}^{(00)} m_{100}^{(21)} m_{020}^{(10)} m_{003}^{(21)} - m_{100}^{(00)} m_{100}^{(21)} m_{020}^{(11)} m_{102}^{(22)} \\
 & & -m_{100}^{(00)} m_{100}^{(21)} m_{020}^{(20)} m_{012}^{(21)} - m_{100}^{(00)} m_{100}^{(21)} m_{020}^{(20)} m_{003}^{(11)} + m_{100}^{(00)} m_{100}^{(21)} m_{020}^{(22)} m_{102}^{(11)} \\
 & & -2m_{100}^{(00)} m_{100}^{(21)} m_{011}^{(10)} m_{021}^{(22)} - 2m_{100}^{(00)} m_{100}^{(21)} m_{011}^{(10)} m_{012}^{(21)} + 2m_{100}^{(00)} m_{100}^{(21)} m_{011}^{(11)} m_{111}^{(22)} \\
 & & +2m_{100}^{(00)} m_{100}^{(21)} m_{011}^{(20)} m_{021}^{(21)} + 2m_{100}^{(00)} m_{100}^{(21)} m_{011}^{(20)} m_{012}^{(11)} - 2m_{100}^{(00)} m_{100}^{(21)} m_{011}^{(22)} m_{111}^{(11)} \\
 & & +m_{100}^{(00)} m_{100}^{(21)} m_{002}^{(10)} m_{030}^{(22)} + m_{100}^{(00)} m_{100}^{(21)} m_{002}^{(10)} m_{021}^{(21)} - m_{100}^{(00)} m_{100}^{(21)} m_{002}^{(11)} m_{120}^{(22)}
\end{array}
$$

$$
\begin{aligned}
&-m_{100}^{(00)}m_{100}^{(21)}m_{002}^{(20)}m_{030}^{(21)} - m_{100}^{(00)}m_{100}^{(21)}m_{002}^{(20)}m_{021}^{(11)} + m_{100}^{(00)}m_{100}^{(21)}m_{002}^{(22)}m_{120}^{(11)}\\
&-m_{100}^{(00)}m_{100}^{(22)}m_{020}^{(10)}m_{012}^{(21)} + m_{100}^{(00)}m_{100}^{(22)}m_{020}^{(11)}m_{102}^{(21)} + m_{100}^{(00)}m_{100}^{(22)}m_{020}^{(20)}m_{012}^{(11)}\\
&-m_{100}^{(00)}m_{100}^{(22)}m_{020}^{(21)}m_{102}^{(11)} + 2m_{100}^{(00)}m_{100}^{(22)}m_{011}^{(10)}m_{021}^{(21)} - 2m_{100}^{(00)}m_{100}^{(22)}m_{011}^{(11)}m_{111}^{(21)}\\
&-2m_{100}^{(00)}m_{100}^{(22)}m_{011}^{(20)}m_{021}^{(11)} + 2m_{100}^{(00)}m_{100}^{(22)}m_{011}^{(21)}m_{111}^{(11)} - m_{100}^{(00)}m_{100}^{(22)}m_{002}^{(10)}m_{030}^{(21)}\\
&+m_{100}^{(00)}m_{100}^{(22)}m_{002}^{(11)}m_{120}^{(21)} + m_{100}^{(00)}m_{100}^{(22)}m_{002}^{(20)}m_{030}^{(11)} - m_{100}^{(00)}m_{100}^{(22)}m_{002}^{(21)}m_{120}^{(11)}\\
&-m_{100}^{(00)}m_{010}^{(00)}m_{020}^{(11)}m_{003}^{(22)} + m_{100}^{(00)}m_{010}^{(00)}m_{020}^{(21)}m_{012}^{(22)} + m_{100}^{(00)}m_{010}^{(00)}m_{020}^{(21)}m_{003}^{(21)}\\
&-m_{100}^{(00)}m_{010}^{(00)}m_{020}^{(22)}m_{012}^{(21)} + 2m_{100}^{(00)}m_{010}^{(00)}m_{011}^{(11)}m_{012}^{(22)} - 2m_{100}^{(00)}m_{010}^{(00)}m_{011}^{(21)}m_{021}^{(22)}\\
&-2m_{100}^{(00)}m_{010}^{(00)}m_{011}^{(21)}m_{012}^{(21)} + 2m_{100}^{(00)}m_{010}^{(00)}m_{011}^{(22)}m_{021}^{(21)} - m_{100}^{(00)}m_{010}^{(00)}m_{002}^{(11)}m_{021}^{(22)}\\
&+m_{100}^{(00)}m_{010}^{(00)}m_{002}^{(21)}m_{030}^{(22)} + m_{100}^{(00)}m_{010}^{(00)}m_{002}^{(21)}m_{021}^{(21)} - m_{100}^{(00)}m_{010}^{(00)}m_{002}^{(22)}m_{030}^{(21)}\\
&+m_{100}^{(00)}m_{010}^{(10)}m_{020}^{(10)}m_{003}^{(22)} - m_{100}^{(00)}m_{010}^{(10)}m_{020}^{(20)}m_{003}^{(21)} - m_{100}^{(00)}m_{010}^{(10)}m_{020}^{(21)}m_{102}^{(22)}\\
&+m_{100}^{(00)}m_{010}^{(10)}m_{020}^{(22)}m_{102}^{(21)} - 2m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(10)}m_{012}^{(22)} + 2m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(20)}m_{012}^{(21)}\\
&+2m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{111}^{(22)} - 2m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(22)}m_{111}^{(21)} + m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(10)}m_{021}^{(22)}\\
&-m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(20)}m_{021}^{(21)} - m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(21)}m_{120}^{(22)} + m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(22)}m_{120}^{(21)}\\
&-m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(10)}m_{012}^{(22)} + m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(11)}m_{102}^{(22)} + m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(11)}m_{003}^{(20)}\\
&+m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(20)}m_{012}^{(21)} - m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(21)}m_{102}^{(21)} - m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(21)}m_{012}^{(20)}\\
&-m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(21)}m_{003}^{(10)} + m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(22)}m_{012}^{(10)} + 2m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(10)}m_{021}^{(22)}\\
&-2m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(11)}m_{111}^{(22)} - 2m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(11)}m_{012}^{(20)} - 2m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(20)}m_{021}^{(21)}\\
&+2m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(21)} + 2m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{021}^{(20)} + 2m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{012}^{(10)}\\
&-2m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(22)}m_{021}^{(10)} - m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(10)}m_{030}^{(22)} + m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(11)}m_{120}^{(22)}\\
&+m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(11)}m_{021}^{(20)} + m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(20)}m_{030}^{(21)} - m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{120}^{(21)}\\
&-m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(20)}m_{030}^{(21)} - m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{021}^{(10)} + m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(22)}m_{030}^{(10)}\\
&-m_{100}^{(00)}m_{010}^{(21)}m_{020}^{(10)}m_{003}^{(20)} + m_{100}^{(00)}m_{010}^{(21)}m_{020}^{(20)}m_{003}^{(10)} + m_{100}^{(00)}m_{010}^{(21)}m_{020}^{(21)}m_{102}^{(20)}\\
&-m_{100}^{(00)}m_{010}^{(21)}m_{020}^{(22)}m_{102}^{(10)} + 2m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(10)}m_{012}^{(20)} - 2m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{012}^{(10)}\\
&-2m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{111}^{(20)} + 2m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{111}^{(10)} - m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(10)}m_{021}^{(20)}\\
&+m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(20)}m_{021}^{(10)} + m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(21)}m_{120}^{(20)} - m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(22)}m_{120}^{(10)}\\
&+m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(10)}m_{012}^{(20)} - m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(11)}m_{102}^{(20)} - m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(20)}m_{012}^{(10)}\\
&+m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(21)}m_{102}^{(10)} - 2m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(10)}m_{021}^{(21)} + 2m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(11)}m_{111}^{(20)}\\
&+2m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(20)}m_{021}^{(10)} - 2m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{111}^{(10)} + m_{100}^{(00)}m_{010}^{(22)}m_{002}^{(10)}m_{030}^{(20)}\\
&-m_{100}^{(00)}m_{010}^{(22)}m_{002}^{(11)}m_{120}^{(20)} - m_{100}^{(00)}m_{010}^{(22)}m_{002}^{(20)}m_{030}^{(10)} + m_{100}^{(00)}m_{010}^{(22)}m_{002}^{(21)}m_{120}^{(10)}\\
&+m_{100}^{(00)}m_{001}^{(00)}m_{020}^{(11)}m_{003}^{(21)} - m_{100}^{(00)}m_{001}^{(00)}m_{020}^{(21)}m_{012}^{(21)} - m_{100}^{(00)}m_{001}^{(00)}m_{020}^{(21)}m_{003}^{(11)}\\
&+m_{100}^{(00)}m_{001}^{(00)}m_{020}^{(22)}m_{012}^{(11)} - 2m_{100}^{(00)}m_{001}^{(00)}m_{011}^{(11)}m_{012}^{(21)} + 2m_{100}^{(00)}m_{001}^{(00)}m_{011}^{(21)}m_{021}^{(21)}\\
&+2m_{100}^{(00)}m_{001}^{(00)}m_{011}^{(21)}m_{012}^{(11)} - 2m_{100}^{(00)}m_{001}^{(00)}m_{011}^{(22)}m_{021}^{(11)} + m_{100}^{(00)}m_{001}^{(00)}m_{002}^{(11)}m_{021}^{(21)}\\
&-m_{100}^{(00)}m_{001}^{(00)}m_{002}^{(21)}m_{030}^{(21)} - m_{100}^{(00)}m_{001}^{(00)}m_{002}^{(21)}m_{021}^{(11)} + m_{100}^{(00)}m_{001}^{(00)}m_{002}^{(22)}m_{030}^{(11)}\\
&-m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(10)}m_{003}^{(21)} - m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(11)}m_{003}^{(20)} + m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{003}^{(11)}\\
&+m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{102}^{(21)} + m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{012}^{(20)} + m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{003}^{(10)}\\
&-m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{102}^{(11)} - m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{012}^{(10)} + 2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{012}^{(21)}\\
&+2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{012}^{(20)} - 2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{012}^{(11)} - 2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{021}^{(21)}\\
&-2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{021}^{(20)} - 2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{012}^{(10)} + 2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{111}^{(11)}
\end{aligned}
$$

$$
\begin{aligned}
&+2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{021}^{(10)} - m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{021}^{(21)} - m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{021}^{(20)}\\
&+m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(20)}m_{021}^{(11)} + m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{120}^{(21)} + m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{030}^{(20)}\\
&+m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{021}^{(10)} - m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(22)}m_{120}^{(11)} - m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(22)}m_{030}^{(10)}\\
&+m_{100}^{(00)}m_{001}^{(11)}m_{020}^{(10)}m_{003}^{(20)} - m_{100}^{(00)}m_{001}^{(11)}m_{020}^{(20)}m_{003}^{(10)} - m_{100}^{(00)}m_{001}^{(11)}m_{020}^{(21)}m_{102}^{(20)}\\
&+m_{100}^{(00)}m_{001}^{(11)}m_{020}^{(22)}m_{102}^{(10)} - 2m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(10)}m_{012}^{(20)} + 2m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{012}^{(10)}\\
&+2m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{111}^{(20)} - 2m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(22)}m_{111}^{(10)} + m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(10)}m_{021}^{(20)}\\
&-m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(20)}m_{021}^{(10)} - m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{120}^{(20)} + m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(22)}m_{120}^{(10)}\\
&+m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{012}^{(21)} - m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{102}^{(21)} - m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{012}^{(11)}\\
&+m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{102}^{(11)} - 2m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{021}^{(21)} + 2m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{111}^{(21)}\\
&+2m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{021}^{(11)} - 2m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{111}^{(11)} + m_{100}^{(00)}m_{001}^{(20)}m_{002}^{(10)}m_{030}^{(21)}\\
&-m_{100}^{(00)}m_{001}^{(20)}m_{002}^{(11)}m_{120}^{(21)} - m_{100}^{(00)}m_{001}^{(20)}m_{002}^{(20)}m_{030}^{(11)} + m_{100}^{(00)}m_{001}^{(20)}m_{002}^{(21)}m_{120}^{(11)}\\
&-m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{012}^{(20)} + m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(11)}m_{102}^{(20)} + m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{012}^{(10)}\\
&-m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{102}^{(10)} + 2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{021}^{(20)} - 2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{111}^{(20)}\\
&-2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{021}^{(10)} + 2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{111}^{(10)} - m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(10)}m_{030}^{(20)}\\
&+m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(11)}m_{120}^{(20)} + m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(20)}m_{030}^{(10)} - m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(21)}m_{120}^{(10)}\\
&-2(m_{100}^{(10)})^2m_{110}^{(11)}m_{003}^{(22)} + 2(m_{100}^{(10)})^2m_{110}^{(21)}m_{012}^{(22)} + 2(m_{100}^{(10)})^2m_{110}^{(21)}m_{003}^{(21)}\\
&-2(m_{100}^{(10)})^2m_{110}^{(22)}m_{012}^{(21)} + 2(m_{100}^{(10)})^2m_{101}^{(11)}m_{012}^{(22)} - 2(m_{100}^{(10)})^2m_{101}^{(21)}m_{021}^{(22)}\\
&-2(m_{100}^{(10)})^2m_{101}^{(21)}m_{012}^{(21)} + 2(m_{100}^{(10)})^2m_{101}^{(22)}m_{021}^{(21)} + 2(m_{100}^{(10)})^2m_{011}^{(11)}m_{102}^{(22)}\\
&-2(m_{100}^{(10)})^2m_{011}^{(21)}m_{111}^{(22)} - 2(m_{100}^{(10)})^2m_{011}^{(21)}m_{102}^{(21)} + 2(m_{100}^{(10)})^2m_{011}^{(22)}m_{111}^{(21)}\\
&-2(m_{100}^{(10)})^2m_{002}^{(11)}m_{111}^{(22)} + 2(m_{100}^{(10)})^2m_{002}^{(21)}m_{120}^{(22)} + 2(m_{100}^{(10)})^2m_{002}^{(21)}m_{111}^{(21)}\\
&-2(m_{100}^{(10)})^2m_{002}^{(22)}m_{120}^{(21)} + m_{100}^{(10)}m_{100}^{(11)}m_{100}^{(11)}m_{200}^{(22)} - m_{100}^{(10)}m_{100}^{(11)}m_{100}^{(21)}m_{200}^{(22)}\\
&-m_{100}^{(10)}m_{100}^{(11)}m_{200}^{(21)}m_{003}^{(21)} + m_{100}^{(10)}m_{100}^{(11)}m_{200}^{(22)}m_{012}^{(21)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(10)}m_{003}^{(22)}\\
&-2m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(20)}m_{003}^{(21)} - 2m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(21)}m_{102}^{(22)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(22)}m_{102}^{(21)}\\
&-2m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(10)}m_{012}^{(22)} - 2m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(11)}m_{102}^{(22)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(20)}m_{012}^{(21)}\\
&+4m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(21)}m_{111}^{(22)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(21)}m_{102}^{(21)} - 4m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(22)}m_{111}^{(21)}\\
&-2m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(10)}m_{102}^{(22)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(20)}m_{102}^{(21)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(21)}m_{201}^{(22)}\\
&-2m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(22)}m_{201}^{(21)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(10)}m_{111}^{(22)} + m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(11)}m_{201}^{(22)}\\
&-2m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(20)}m_{111}^{(21)} - 3m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(21)}m_{210}^{(22)} - m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(21)}m_{201}^{(21)}\\
&+3m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(22)}m_{210}^{(21)} + 2m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(11)}m_{012}^{(22)} + 2m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(11)}m_{003}^{(21)}\\
&-2m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{021}^{(22)} - 4m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{012}^{(21)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{003}^{(11)}\\
&+2m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(22)}m_{021}^{(21)} + 2m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(22)}m_{012}^{(11)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(11)}m_{021}^{(22)}\\
&-2m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(11)}m_{012}^{(21)} + 2m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{030}^{(22)} + 4m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{021}^{(21)}\\
&+2m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{012}^{(11)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(22)}m_{030}^{(21)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(22)}m_{021}^{(11)}\\
&-2m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(11)}m_{102}^{(22)} + 2m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(21)}m_{111}^{(22)} + 2m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(21)}m_{102}^{(21)}\\
&-2m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(22)}m_{111}^{(21)} + 2m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(22)}m_{111}^{(22)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(11)}m_{102}^{(21)}\\
&-2m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{120}^{(22)} + 2m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{102}^{(11)} + 2m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(22)}m_{120}^{(21)}\\
&-2m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(22)}m_{111}^{(11)} + 2m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(11)}m_{111}^{(21)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(21)}m_{120}^{(21)}\\
&-2m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(21)}m_{111}^{(11)} + 2m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(22)}m_{120}^{(11)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{200}^{(11)}m_{012}^{(22)}
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&+2m_{100}^{(10)}m_{100}^{(21)}m_{200}^{(21)}m_{021}^{(22)}+2m_{100}^{(10)}m_{100}^{(21)}m_{200}^{(21)}m_{012}^{(21)}-2m_{100}^{(10)}m_{100}^{(21)}m_{200}^{(22)}m_{021}^{(21)}\\
&-2m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(10)}m_{012}^{(22)}-2m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(10)}m_{003}^{(21)}+4m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(11)}m_{102}^{(22)}\\
&+2m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(20)}m_{012}^{(21)}+2m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(20)}m_{003}^{(11)}-2m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{111}^{(22)}\\
&-2m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{102}^{(21)}+2m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(22)}m_{111}^{(21)}-2m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(22)}m_{102}^{(11)}\\
&+2m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(10)}m_{021}^{(22)}+2m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(10)}m_{012}^{(21)}-2m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(20)}m_{021}^{(21)}\\
&-2m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(20)}m_{012}^{(11)}-2m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{120}^{(22)}-2m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{111}^{(21)}\\
&+2m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(22)}m_{120}^{(21)}+2m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(22)}m_{111}^{(11)}+2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{111}^{(22)}\\
&+2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{102}^{(21)}-4m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(11)}m_{201}^{(22)}-2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{111}^{(21)}\\
&-2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{102}^{(11)}+2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{210}^{(22)}+2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{201}^{(21)}\\
&-2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(22)}m_{210}^{(21)}+2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(22)}m_{201}^{(11)}-2m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{120}^{(22)}\\
&-2m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{111}^{(21)}+2m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(11)}m_{210}^{(22)}+2m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(20)}m_{120}^{(21)}\\
&+2m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(20)}m_{111}^{(11)}-2m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(22)}m_{210}^{(11)}+m_{100}^{(10)}m_{100}^{(22)}m_{200}^{(11)}m_{021}^{(22)}\\
&-m_{100}^{(10)}m_{100}^{(22)}m_{200}^{(21)}m_{030}^{(22)}-m_{100}^{(10)}m_{100}^{(22)}m_{200}^{(21)}m_{021}^{(21)}+m_{100}^{(10)}m_{100}^{(22)}m_{200}^{(22)}m_{030}^{(21)}\\
&+2m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(10)}m_{012}^{(21)}-2m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(11)}m_{111}^{(22)}-2m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(11)}m_{102}^{(21)}\\
&-2m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(20)}m_{012}^{(11)}+2m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{120}^{(22)}+2m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{111}^{(21)}\\
&+2m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{102}^{(11)}-2m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(22)}m_{120}^{(21)}-2m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(10)}m_{021}^{(21)}\\
&+2m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(11)}m_{111}^{(21)}+2m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(20)}m_{021}^{(11)}-2m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(21)}m_{111}^{(11)}\\
&+m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(11)}m_{201}^{(22)}-m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(21)}m_{210}^{(22)}-m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(21)}m_{201}^{(21)}\\
&+m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(22)}m_{210}^{(21)}-2m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(10)}m_{111}^{(21)}+2m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(11)}m_{201}^{(21)}\\
&+2m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(20)}m_{111}^{(11)}-2m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(21)}m_{201}^{(11)}+2m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(10)}m_{120}^{(21)}\\
&-2m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(11)}m_{210}^{(21)}-2m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(20)}m_{120}^{(11)}+2m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(21)}m_{210}^{(11)}\\
&+2m_{100}^{(10)}m_{010}^{(00)}m_{110}^{(11)}m_{003}^{(22)}-2m_{100}^{(10)}m_{010}^{(00)}m_{110}^{(21)}m_{012}^{(22)}-2m_{100}^{(10)}m_{010}^{(00)}m_{110}^{(21)}m_{003}^{(21)}\\
&+2m_{100}^{(10)}m_{010}^{(00)}m_{110}^{(22)}m_{012}^{(21)}-2m_{100}^{(10)}m_{010}^{(00)}m_{101}^{(11)}m_{012}^{(22)}+2m_{100}^{(10)}m_{010}^{(00)}m_{101}^{(21)}m_{021}^{(22)}\\
&+2m_{100}^{(10)}m_{010}^{(00)}m_{101}^{(21)}m_{012}^{(21)}-2m_{100}^{(10)}m_{010}^{(00)}m_{101}^{(22)}m_{021}^{(21)}-m_{100}^{(10)}m_{010}^{(00)}m_{020}^{(10)}m_{003}^{(22)}\\
&+m_{100}^{(10)}m_{010}^{(00)}m_{020}^{(20)}m_{012}^{(22)}+m_{100}^{(10)}m_{010}^{(00)}m_{020}^{(21)}m_{003}^{(20)}-m_{100}^{(10)}m_{010}^{(00)}m_{020}^{(22)}m_{012}^{(20)}\\
&+2m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(10)}m_{012}^{(22)}-2m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(11)}m_{102}^{(22)}-2m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(20)}m_{021}^{(22)}\\
&+2m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{111}^{(22)}+2m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{102}^{(21)}-2m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{012}^{(20)}\\
&-2m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(22)}m_{111}^{(21)}+2m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(22)}m_{021}^{(20)}-m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(10)}m_{021}^{(22)}\\
&+2m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(11)}m_{111}^{(22)}+m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(20)}m_{030}^{(22)}-2m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(21)}m_{120}^{(22)}\\
&-2m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(21)}m_{111}^{(21)}+m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(21)}m_{021}^{(20)}+2m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(22)}m_{120}^{(21)}\\
&-m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(22)}m_{030}^{(20)}-2m_{100}^{(10)}m_{010}^{(10)}m_{110}^{(20)}m_{012}^{(22)}+2m_{100}^{(10)}m_{010}^{(10)}m_{110}^{(20)}m_{003}^{(21)}\\
&+2m_{100}^{(10)}m_{010}^{(10)}m_{110}^{(21)}m_{102}^{(22)}-2m_{100}^{(10)}m_{010}^{(10)}m_{110}^{(21)}m_{003}^{(20)}-2m_{100}^{(10)}m_{010}^{(10)}m_{110}^{(22)}m_{102}^{(21)}\\
&+2m_{100}^{(10)}m_{010}^{(10)}m_{110}^{(22)}m_{012}^{(20)}+2m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(20)}m_{021}^{(22)}-2m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(20)}m_{012}^{(21)}\\
&-2m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(22)}+2m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(21)}m_{012}^{(20)}+2m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{111}^{(21)}\\
&-2m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{021}^{(20)}+2m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(20)}m_{111}^{(22)}-2m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(20)}m_{102}^{(21)}\\
&-2m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(21)}m_{201}^{(22)}+2m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(21)}m_{102}^{(20)}+2m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(22)}m_{201}^{(21)}\\
&-2m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(22)}m_{111}^{(20)}-2m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(20)}m_{120}^{(22)}+2m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(20)}m_{111}^{(21)}\\
&+2m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(21)}m_{210}^{(22)}-2m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(21)}m_{111}^{(20)}-2m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(22)}m_{210}^{(21)}
\end{aligned}
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$$+2m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(22)}m_{120}^{(20)} - m_{100}^{(10)}m_{010}^{(11)}m_{200}^{(10)}m_{003}^{(22)} + m_{100}^{(10)}m_{010}^{(11)}m_{200}^{(20)}m_{012}^{(22)}$$
$$+m_{100}^{(10)}m_{010}^{(11)}m_{200}^{(21)}m_{003}^{(20)} - m_{100}^{(10)}m_{010}^{(11)}m_{200}^{(22)}m_{012}^{(20)} + 2m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(10)}m_{102}^{(22)}$$
$$-2m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{111}^{(22)} - 2m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(21)}m_{102}^{(20)} + 2m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(22)}m_{111}^{(20)}$$
$$-m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(10)}m_{201}^{(22)} + m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(20)}m_{210}^{(22)} + m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(21)}m_{201}^{(20)}$$
$$-m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(22)}m_{210}^{(20)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(11)}m_{102}^{(22)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(11)}m_{003}^{(20)}$$
$$+2m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{021}^{(22)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(21)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{102}^{(21)}$$
$$+4m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{012}^{(20)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{003}^{(10)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{021}^{(20)}$$
$$-2m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{012}^{(10)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(11)}m_{111}^{(22)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(11)}m_{012}^{(20)}$$
$$-2m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(20)}m_{030}^{(22)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(20)}m_{021}^{(21)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(21)}$$
$$-4m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{021}^{(20)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{012}^{(10)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{030}^{(20)}$$
$$+2m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{021}^{(10)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(10)}m_{102}^{(22)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(20)}m_{111}^{(22)}$$
$$-2m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(21)}m_{102}^{(20)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(22)}m_{111}^{(20)} - 4m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(22)}$$
$$+2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(11)}m_{201}^{(22)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(11)}m_{102}^{(20)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{120}^{(22)}$$
$$+2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(21)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{201}^{(21)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{102}^{(10)}$$
$$-2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{120}^{(20)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{111}^{(10)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{120}^{(22)}$$
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$$+2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{210}^{(21)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{120}^{(20)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{111}^{(10)}$$
$$-2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(22)}m_{120}^{(10)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(22)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(20)}m_{021}^{(22)}$$
$$-2m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{012}^{(20)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{021}^{(20)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(10)}m_{102}^{(22)}$$
$$+2m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(10)}m_{003}^{(20)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(22)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{003}^{(10)}$$
$$-2m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{111}^{(20)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{102}^{(10)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(22)}$$
$$-2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{012}^{(20)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(22)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{012}^{(10)}$$
$$+4m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(20)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{120}^{(20)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{111}^{(10)}$$
$$+2m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(22)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(10)}m_{102}^{(20)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(22)}$$
$$+2m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{102}^{(10)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(22)}m_{210}^{(20)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(22)}m_{201}^{(10)}$$
$$+2m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{111}^{(20)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{111}^{(10)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{210}^{(20)}$$
$$+2m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(22)}m_{210}^{(10)} - m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(10)}m_{021}^{(22)} + m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(20)}m_{030}^{(22)}$$
$$+m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(21)}m_{021}^{(20)} - m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(22)}m_{030}^{(20)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(22)}$$
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$$+2m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(22)}m_{120}^{(20)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{021}^{(20)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(11)}m_{111}^{(20)}$$
$$-2m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{021}^{(10)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{111}^{(10)} - m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(10)}m_{201}^{(22)}$$
$$+m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(20)}m_{210}^{(22)} + m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(21)}m_{201}^{(20)} - m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(22)}m_{210}^{(20)}$$
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$$+2m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(20)}m_{120}^{(10)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(21)}m_{210}^{(10)} - 2m_{100}^{(10)}m_{001}^{(00)}m_{110}^{(11)}m_{003}^{(21)}$$
$$+2m_{100}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(21)} + 2m_{100}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{003}^{(11)} - 2m_{100}^{(10)}m_{001}^{(00)}m_{110}^{(22)}m_{012}^{(11)}$$
$$+2m_{100}^{(10)}m_{001}^{(00)}m_{101}^{(11)}m_{012}^{(21)} - 2m_{100}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(21)} - 2m_{100}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{012}^{(11)}$$

$$
\begin{aligned}
&+2m_{100}^{(10)}m_{001}^{(00)}m_{101}^{(22)}m_{021}^{(11)}+m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(10)}m_{003}^{(21)}-m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(11)}m_{003}^{(20)}\\
&-m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(20)}m_{012}^{(21)}+m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(21)}m_{012}^{(20)}-2m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(21)}\\
&+2m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(11)}m_{102}^{(21)}+2m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(11)}m_{012}^{(20)}+2m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(21)}\\
&-2m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(21)}-2m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{102}^{(11)}-2m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{021}^{(20)}\\
&+2m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(22)}m_{111}^{(11)}+m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{021}^{(21)}-2m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(11)}m_{111}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(11)}m_{021}^{(20)}-m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(20)}m_{030}^{(21)}+2m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{120}^{(21)}\\
&+2m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{111}^{(11)}+m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{030}^{(20)}-2m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(22)}m_{120}^{(11)}\\
&+4m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(11)}m_{003}^{(20)}+2m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(21)}-2m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{003}^{(11)}\\
&-2m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(21)}-4m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(20)}-2m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{003}^{(10)}\\
&+2m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{102}^{(11)}+2m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{012}^{(10)}-4m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{012}^{(20)}\\
&-2m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(21)}+2m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{012}^{(11)}+2m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(21)}\\
&+4m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(20)}+2m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{012}^{(10)}-2m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{111}^{(11)}\\
&-2m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{021}^{(10)}-4m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(11)}m_{102}^{(20)}-2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(21)}\\
&+2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{102}^{(11)}+2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(21)}+4m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(20)}\\
&+2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{102}^{(10)}-2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{201}^{(11)}-2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{111}^{(10)}\\
&+4m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(11)}m_{111}^{(20)}+2m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(21)}-2m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{111}^{(11)}\\
&-2m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{210}^{(21)}-4m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{120}^{(20)}-2m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{111}^{(10)}\\
&+2m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(22)}m_{210}^{(11)}+2m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(22)}m_{120}^{(10)}+m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(10)}m_{003}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(11)}m_{003}^{(20)}-m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(21)}+m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{012}^{(20)}\\
&-2m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(10)}m_{003}^{(20)}+2m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{003}^{(10)}+2m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(21)}m_{102}^{(20)}\\
&-2m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{102}^{(10)}-2m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(21)}+2m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{012}^{(20)}\\
&+2m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(11)}m_{102}^{(20)}+2m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(21)}-2m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{012}^{(10)}\\
&-4m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(20)}+2m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{111}^{(10)}+2m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(10)}m_{102}^{(20)}\\
&-2m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{102}^{(10)}-2m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(21)}m_{201}^{(20)}+2m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(22)}m_{201}^{(10)}\\
&+m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{201}^{(21)}-2m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{111}^{(20)}-m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(11)}m_{201}^{(20)}\\
&-m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(21)}+2m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{111}^{(10)}+3m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(21)}m_{210}^{(20)}\\
&-2m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(22)}m_{210}^{(10)}+2m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{102}^{(21)}-2m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{012}^{(20)}\\
&-2m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(21)}+2m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{012}^{(11)}-2m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{102}^{(11)}\\
&+2m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(20)}-2m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(21)}+2m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{021}^{(20)}\\
&+2m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(21)}-2m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{021}^{(11)}+2m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{111}^{(11)}\\
&-2m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{030}^{(20)}-2m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(21)}+2m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(11)}m_{102}^{(20)}\\
&+2m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(21)}-2m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(20)}+4m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(21)}\\
&-2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{201}^{(21)}-2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{111}^{(20)}-2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(21)}\\
&-2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{111}^{(11)}+2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{201}^{(11)}+2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(20)}\\
&-2m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{120}^{(21)}+2m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(11)}m_{210}^{(21)}+2m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(20)}m_{120}^{(11)}\\
&-2m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(21)}m_{210}^{(11)}-2m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(21)}+2m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{012}^{(20)}\\
&+2m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(21)}-2m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(20)}+2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(21)}\\
&+2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{012}^{(20)}-4m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(11)}m_{102}^{(20)}-2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(21)}
\end{aligned}
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\begin{aligned}
&-2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{012}^{(10)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(20)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{102}^{(10)}\\
&+2m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(21)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(20)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(21)}\\
&+2m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{021}^{(10)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(20)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{111}^{(10)}\\
&-2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(21)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(20)} + 4m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(11)}m_{201}^{(20)}\\
&+2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(21)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{111}^{(10)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(20)}\\
&-2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{201}^{(10)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{120}^{(20)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(11)}m_{210}^{(20)}\\
&-2m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(20)}m_{120}^{(10)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(21)}m_{210}^{(10)} + m_{100}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{021}^{(20)} - m_{100}^{(10)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(21)} + m_{100}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{030}^{(20)}\\
&-2m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(21)} + 2m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{111}^{(20)} + 2m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(21)}\\
&-2m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{120}^{(20)} + m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(21)} - m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(11)}m_{201}^{(20)}\\
&-m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(21)} + m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(21)}m_{210}^{(20)} - (m_{100}^{(11)})^2m_{200}^{(10)}m_{003}^{(22)}\\
&+(m_{100}^{(11)})^2m_{200}^{(20)}m_{003}^{(21)} + (m_{100}^{(11)})^2m_{200}^{(21)}m_{102}^{(22)} - (m_{100}^{(11)})^2m_{200}^{(22)}m_{102}^{(21)}\\
&+2(m_{100}^{(11)})^2m_{101}^{(10)}m_{102}^{(22)} - 2(m_{100}^{(11)})^2m_{101}^{(20)}m_{102}^{(21)} - 2(m_{100}^{(11)})^2m_{101}^{(21)}m_{201}^{(22)}\\
&+2(m_{100}^{(11)})^2m_{101}^{(22)}m_{201}^{(21)} - (m_{100}^{(11)})^2m_{002}^{(10)}m_{201}^{(22)} + (m_{100}^{(11)})^2m_{002}^{(20)}m_{201}^{(21)}\\
&+(m_{100}^{(11)})^2m_{002}^{(21)}m_{300}^{(22)} - (m_{100}^{(11)})^2m_{002}^{(22)}m_{300}^{(21)} - m_{100}^{(11)}m_{100}^{(20)}m_{200}^{(11)}m_{003}^{(21)}\\
&+m_{100}^{(11)}m_{100}^{(20)}m_{200}^{(21)}m_{012}^{(21)} + m_{100}^{(11)}m_{100}^{(20)}m_{200}^{(21)}m_{003}^{(11)} - m_{100}^{(11)}m_{100}^{(20)}m_{200}^{(22)}m_{012}^{(11)}\\
&-2m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(10)}m_{012}^{(22)} + 2m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(20)}m_{012}^{(21)} + 2m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(21)}m_{111}^{(22)}\\
&-2m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(22)}m_{111}^{(21)} + 2m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(10)}m_{021}^{(22)} + 2m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(11)}m_{102}^{(21)}\\
&-2m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(20)}m_{021}^{(21)} - 2m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(21)}m_{120}^{(22)} - 2m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(21)}m_{111}^{(21)}\\
&-2m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(21)}m_{102}^{(11)} + 2m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(22)}m_{120}^{(21)} + 2m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(22)}m_{111}^{(11)}\\
&+2m_{100}^{(11)}m_{100}^{(20)}m_{020}^{(10)}m_{102}^{(22)} - 2m_{100}^{(11)}m_{100}^{(20)}m_{020}^{(20)}m_{102}^{(21)} - 2m_{100}^{(11)}m_{100}^{(20)}m_{020}^{(21)}m_{201}^{(22)}\\
&+2m_{100}^{(11)}m_{100}^{(20)}m_{020}^{(22)}m_{201}^{(21)} - 2m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(10)}m_{111}^{(22)} + 2m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{111}^{(21)}\\
&+2m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(21)}m_{210}^{(22)} - 2m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(22)}m_{210}^{(21)} - m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(11)}m_{201}^{(21)}\\
&+m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(21)}m_{210}^{(21)} + m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(21)}m_{201}^{(11)} - m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(22)}m_{210}^{(11)}\\
&+3m_{100}^{(11)}m_{100}^{(21)}m_{200}^{(10)}m_{012}^{(22)} + m_{100}^{(11)}m_{100}^{(21)}m_{200}^{(10)}m_{003}^{(21)} - m_{100}^{(11)}m_{100}^{(21)}m_{200}^{(11)}m_{102}^{(22)}\\
&-3m_{100}^{(11)}m_{100}^{(21)}m_{200}^{(20)}m_{012}^{(21)} - m_{100}^{(11)}m_{100}^{(21)}m_{200}^{(20)}m_{003}^{(11)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{200}^{(21)}m_{111}^{(22)}\\
&+2m_{100}^{(11)}m_{100}^{(21)}m_{200}^{(22)}m_{111}^{(21)} + m_{100}^{(11)}m_{100}^{(21)}m_{200}^{(22)}m_{102}^{(11)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(10)}m_{102}^{(22)}\\
&+2m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(20)}m_{102}^{(21)} + 2m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(21)}m_{201}^{(22)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(22)}m_{201}^{(21)}\\
&-4m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(10)}m_{111}^{(22)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(10)}m_{102}^{(21)} + 2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(11)}m_{201}^{(22)}\\
&+4m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{111}^{(21)} + 2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{102}^{(11)} + 2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(21)}m_{210}^{(22)}\\
&-2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(22)}m_{210}^{(21)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(22)}m_{201}^{(11)} + 2m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(10)}m_{201}^{(22)}\\
&-2m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(20)}m_{201}^{(21)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(21)}m_{300}^{(22)} + 2m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(22)}m_{300}^{(21)}\\
&+m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(10)}m_{210}^{(22)} + m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(10)}m_{201}^{(21)} - m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(11)}m_{300}^{(22)}\\
&-m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(20)}m_{210}^{(21)} - m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(20)}m_{201}^{(11)} + m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(22)}m_{300}^{(11)}\\
&-m_{100}^{(11)}m_{100}^{(22)}m_{200}^{(10)}m_{021}^{(22)} - m_{100}^{(11)}m_{100}^{(22)}m_{200}^{(10)}m_{012}^{(21)} + m_{100}^{(11)}m_{100}^{(22)}m_{200}^{(11)}m_{102}^{(21)}\\
&+m_{100}^{(11)}m_{100}^{(22)}m_{200}^{(20)}m_{021}^{(21)} + m_{100}^{(11)}m_{100}^{(22)}m_{200}^{(20)}m_{012}^{(11)} + m_{100}^{(11)}m_{100}^{(22)}m_{200}^{(21)}m_{120}^{(22)}\\
&-m_{100}^{(11)}m_{100}^{(22)}m_{200}^{(21)}m_{102}^{(11)} - m_{100}^{(11)}m_{100}^{(22)}m_{200}^{(22)}m_{120}^{(21)} + 2m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(10)}m_{111}^{(22)}\\
&-2m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(20)}m_{111}^{(21)} - 2m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(21)}m_{210}^{(22)} + 2m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(22)}m_{210}^{(21)}
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\begin{aligned}
&+2m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(10)}m_{111}^{(21)} - 2m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(11)}m_{201}^{(21)} - 2m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(20)}m_{111}^{(11)}\\
&+2m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(21)}m_{201}^{(11)} - m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(10)}m_{020}^{(22)} + m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(20)}m_{020}^{(21)}\\
&+m_{100}^{(11)}m_{100}^{(22)}m_{020}^{(21)}m_{300}^{(22)} - m_{100}^{(11)}m_{100}^{(22)}m_{020}^{(22)}m_{300}^{(21)} - m_{100}^{(11)}m_{100}^{(22)}m_{002}^{(10)}m_{210}^{(21)}\\
&+m_{100}^{(11)}m_{100}^{(22)}m_{002}^{(11)}m_{300}^{(21)} + m_{100}^{(11)}m_{100}^{(22)}m_{002}^{(20)}m_{210}^{(11)} - m_{100}^{(11)}m_{100}^{(22)}m_{002}^{(21)}m_{300}^{(11)}\\
&-m_{100}^{(11)}m_{010}^{(00)}m_{200}^{(11)}m_{003}^{(22)} + m_{100}^{(11)}m_{010}^{(00)}m_{200}^{(21)}m_{012}^{(22)} + m_{100}^{(11)}m_{010}^{(00)}m_{200}^{(21)}m_{003}^{(21)}\\
&-m_{100}^{(11)}m_{010}^{(00)}m_{200}^{(22)}m_{012}^{(21)} + 2m_{100}^{(11)}m_{010}^{(00)}m_{101}^{(11)}m_{102}^{(22)} - 2m_{100}^{(11)}m_{010}^{(00)}m_{101}^{(21)}m_{111}^{(22)}\\
&-2m_{100}^{(11)}m_{010}^{(00)}m_{101}^{(21)}m_{102}^{(21)} + 2m_{100}^{(11)}m_{010}^{(00)}m_{101}^{(22)}m_{111}^{(21)} + m_{100}^{(11)}m_{010}^{(00)}m_{020}^{(00)}m_{003}^{(22)}\\
&-m_{100}^{(11)}m_{010}^{(00)}m_{020}^{(20)}m_{102}^{(22)} - m_{100}^{(11)}m_{010}^{(00)}m_{020}^{(20)}m_{003}^{(20)} + m_{100}^{(11)}m_{010}^{(00)}m_{020}^{(22)}m_{102}^{(20)}\\
&-2m_{100}^{(11)}m_{010}^{(00)}m_{011}^{(00)}m_{012}^{(22)} + 2m_{100}^{(11)}m_{010}^{(00)}m_{011}^{(20)}m_{111}^{(22)} + 2m_{100}^{(11)}m_{010}^{(00)}m_{011}^{(20)}m_{012}^{(20)}\\
&-2m_{100}^{(11)}m_{010}^{(00)}m_{011}^{(22)}m_{111}^{(20)} + m_{100}^{(11)}m_{010}^{(00)}m_{002}^{(00)}m_{021}^{(22)} - m_{100}^{(11)}m_{010}^{(00)}m_{002}^{(11)}m_{201}^{(22)}\\
&-m_{100}^{(11)}m_{010}^{(00)}m_{002}^{(20)}m_{120}^{(22)} - m_{100}^{(11)}m_{010}^{(00)}m_{002}^{(20)}m_{021}^{(20)} + m_{100}^{(11)}m_{010}^{(00)}m_{002}^{(21)}m_{210}^{(22)}\\
&+m_{100}^{(11)}m_{010}^{(00)}m_{002}^{(21)}m_{201}^{(21)} - m_{100}^{(11)}m_{010}^{(00)}m_{002}^{(22)}m_{210}^{(21)} + m_{100}^{(11)}m_{010}^{(00)}m_{002}^{(22)}m_{120}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(10)}m_{200}^{(10)}m_{003}^{(22)} - m_{100}^{(11)}m_{010}^{(10)}m_{200}^{(20)}m_{003}^{(21)} - m_{100}^{(11)}m_{010}^{(10)}m_{200}^{(21)}m_{102}^{(22)}\\
&+m_{100}^{(11)}m_{010}^{(10)}m_{200}^{(22)}m_{102}^{(21)} - 2m_{100}^{(11)}m_{010}^{(10)}m_{110}^{(00)}m_{003}^{(22)} + 2m_{100}^{(11)}m_{010}^{(10)}m_{110}^{(20)}m_{102}^{(22)}\\
&+2m_{100}^{(11)}m_{010}^{(10)}m_{110}^{(20)}m_{003}^{(20)} - 2m_{100}^{(11)}m_{010}^{(10)}m_{110}^{(22)}m_{102}^{(20)} + 2m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(00)}m_{012}^{(22)}\\
&-2m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(10)}m_{102}^{(22)} - 2m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(20)}m_{111}^{(22)} + 2m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(20)}m_{102}^{(21)}\\
&-2m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(20)}m_{012}^{(20)} + 2m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(21)}m_{201}^{(22)} - 2m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(22)}m_{201}^{(21)}\\
&+2m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(22)}m_{111}^{(20)} + 2m_{100}^{(11)}m_{010}^{(10)}m_{011}^{(00)}m_{102}^{(22)} - 2m_{100}^{(11)}m_{010}^{(10)}m_{011}^{(20)}m_{201}^{(22)}\\
&-2m_{100}^{(11)}m_{010}^{(10)}m_{011}^{(20)}m_{102}^{(20)} + 2m_{100}^{(11)}m_{010}^{(10)}m_{011}^{(22)}m_{201}^{(20)} - 2m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(00)}m_{111}^{(22)}\\
&+m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(10)}m_{201}^{(22)} + 2m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(20)}m_{210}^{(22)} - m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(20)}m_{201}^{(21)}\\
&+2m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(20)}m_{111}^{(20)} - m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(21)}m_{300}^{(22)} + m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(22)}m_{300}^{(21)}\\
&-2m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(22)}m_{210}^{(20)} + m_{100}^{(11)}m_{010}^{(11)}m_{200}^{(00)}m_{003}^{(22)} - m_{100}^{(11)}m_{010}^{(11)}m_{200}^{(20)}m_{102}^{(22)}\\
&-m_{100}^{(11)}m_{010}^{(11)}m_{200}^{(20)}m_{003}^{(20)} + m_{100}^{(11)}m_{010}^{(11)}m_{200}^{(22)}m_{102}^{(20)} - 2m_{100}^{(11)}m_{010}^{(11)}m_{101}^{(00)}m_{102}^{(22)}\\
&+2m_{100}^{(11)}m_{010}^{(11)}m_{101}^{(20)}m_{201}^{(22)} + 2m_{100}^{(11)}m_{010}^{(11)}m_{101}^{(20)}m_{102}^{(20)} - 2m_{100}^{(11)}m_{010}^{(11)}m_{101}^{(22)}m_{201}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(11)}m_{002}^{(00)}m_{201}^{(22)} - m_{100}^{(11)}m_{010}^{(11)}m_{002}^{(20)}m_{300}^{(22)} - m_{100}^{(11)}m_{010}^{(11)}m_{002}^{(20)}m_{201}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(11)}m_{002}^{(22)}m_{300}^{(20)} - m_{100}^{(11)}m_{010}^{(20)}m_{200}^{(10)}m_{012}^{(22)} + m_{100}^{(11)}m_{010}^{(20)}m_{200}^{(11)}m_{102}^{(22)}\\
&+m_{100}^{(11)}m_{010}^{(20)}m_{200}^{(11)}m_{003}^{(22)} + m_{100}^{(11)}m_{010}^{(20)}m_{200}^{(20)}m_{012}^{(21)} - m_{100}^{(11)}m_{010}^{(20)}m_{200}^{(21)}m_{102}^{(21)}\\
&-m_{100}^{(11)}m_{010}^{(20)}m_{200}^{(21)}m_{012}^{(20)} - m_{100}^{(11)}m_{010}^{(20)}m_{200}^{(21)}m_{003}^{(10)} + m_{100}^{(11)}m_{010}^{(20)}m_{200}^{(22)}m_{012}^{(10)}\\
&+2m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(00)}m_{012}^{(22)} - 2m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(20)}m_{111}^{(22)} - 2m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(20)}\\
&+2m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(22)}m_{111}^{(20)} - 2m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(00)}m_{021}^{(22)} + 2m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(10)}m_{111}^{(22)}\\
&-2m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(11)}m_{201}^{(22)} - 2m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(11)}m_{102}^{(20)} + 2m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{120}^{(22)}\\
&-2m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{111}^{(21)} + 2m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{021}^{(20)} + 2m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(21)}m_{201}^{(21)}\\
&+2m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(20)} + 2m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(21)}m_{102}^{(10)} - 2m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(22)}m_{120}^{(20)}\\
&-2m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(22)}m_{111}^{(10)} - 2m_{100}^{(11)}m_{010}^{(20)}m_{020}^{(00)}m_{102}^{(22)} + 2m_{100}^{(11)}m_{010}^{(20)}m_{020}^{(20)}m_{201}^{(22)}\\
&+2m_{100}^{(11)}m_{010}^{(20)}m_{020}^{(20)}m_{102}^{(20)} - 2m_{100}^{(11)}m_{010}^{(20)}m_{020}^{(22)}m_{201}^{(20)} + 2m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(00)}m_{111}^{(22)}\\
&-2m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(20)}m_{210}^{(22)} - 2m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(20)} + 2m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(22)}m_{210}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(10)}m_{210}^{(22)} + m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(11)}m_{300}^{(22)} + m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(11)}m_{201}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(20)}m_{210}^{(21)} - m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(21)}m_{300}^{(21)} - m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(21)}m_{210}^{(20)}
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\begin{aligned}
&-m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(21)}m_{201}^{(10)} + m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(22)}m_{210}^{(10)} - 2m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(00)}m_{012}^{(22)}\\
&-m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(10)}m_{003}^{(20)} + 2m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{111}^{(22)} + 2m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{003}^{(10)} + m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(21)}m_{102}^{(20)} - 2m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{111}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{102}^{(10)} + 2m_{100}^{(11)}m_{010}^{(21)}m_{110}^{(00)}m_{102}^{(22)} - 2m_{100}^{(11)}m_{010}^{(21)}m_{110}^{(20)}m_{201}^{(22)}\\
&-2m_{100}^{(11)}m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(20)} + 2m_{100}^{(11)}m_{010}^{(21)}m_{110}^{(22)}m_{201}^{(20)} + 2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(00)}m_{111}^{(22)}\\
&+2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(10)}m_{102}^{(20)} - 2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{210}^{(22)} - 2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(20)}\\
&-2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{102}^{(10)} - 2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(21)}m_{201}^{(20)} + 2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(22)}m_{210}^{(20)}\\
&+2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(22)}m_{201}^{(10)} - 2m_{100}^{(11)}m_{010}^{(21)}m_{011}^{(00)}m_{201}^{(22)} + 2m_{100}^{(11)}m_{010}^{(21)}m_{011}^{(20)}m_{300}^{(22)}\\
&+2m_{100}^{(11)}m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(20)} - 2m_{100}^{(11)}m_{010}^{(21)}m_{011}^{(22)}m_{300}^{(20)} - m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(10)}m_{201}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(20)}m_{201}^{(10)} + m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(21)}m_{300}^{(20)} - m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(22)}m_{300}^{(10)}\\
&+m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(00)}m_{021}^{(22)} + m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(10)}m_{012}^{(20)} - m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(11)}m_{102}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(20)}m_{120}^{(22)} - m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(20)} - m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(20)}m_{012}^{(10)}\\
&+m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(21)}m_{102}^{(10)} + m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(22)}m_{120}^{(20)} - 2m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(00)}m_{111}^{(22)}\\
&+2m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(20)}m_{210}^{(22)} + 2m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(20)} - 2m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(22)}m_{210}^{(20)}\\
&-2m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(20)} + 2m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(11)}m_{201}^{(20)} + 2m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(20)}m_{111}^{(10)}\\
&-2m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(21)}m_{201}^{(10)} + m_{100}^{(11)}m_{010}^{(22)}m_{020}^{(00)}m_{201}^{(22)} - m_{100}^{(11)}m_{010}^{(22)}m_{020}^{(20)}m_{300}^{(22)}\\
&-m_{100}^{(11)}m_{010}^{(22)}m_{020}^{(20)}m_{201}^{(20)} + m_{100}^{(11)}m_{010}^{(22)}m_{020}^{(22)}m_{300}^{(20)} + m_{100}^{(11)}m_{010}^{(22)}m_{002}^{(10)}m_{210}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(22)}m_{002}^{(11)}m_{300}^{(20)} - m_{100}^{(11)}m_{010}^{(22)}m_{002}^{(20)}m_{210}^{(10)} + m_{100}^{(11)}m_{010}^{(22)}m_{002}^{(21)}m_{300}^{(10)}\\
&+m_{100}^{(11)}m_{001}^{(00)}m_{200}^{(11)}m_{003}^{(21)} - m_{100}^{(11)}m_{001}^{(00)}m_{200}^{(21)}m_{012}^{(21)} - m_{100}^{(11)}m_{001}^{(00)}m_{200}^{(21)}m_{003}^{(11)}\\
&+m_{100}^{(11)}m_{001}^{(00)}m_{200}^{(22)}m_{012}^{(11)} - 2m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(11)}m_{102}^{(21)} + 2m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(21)}m_{111}^{(21)}\\
&+2m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(21)}m_{102}^{(11)} - 2m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(22)}m_{111}^{(11)} - m_{100}^{(11)}m_{001}^{(00)}m_{020}^{(00)}m_{003}^{(21)}\\
&+m_{100}^{(11)}m_{001}^{(00)}m_{020}^{(10)}m_{003}^{(20)} + m_{100}^{(11)}m_{001}^{(00)}m_{020}^{(20)}m_{102}^{(21)} - m_{100}^{(11)}m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(20)}\\
&+2m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(00)}m_{012}^{(21)} - 2m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(20)} - 2m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(21)}\\
&+2m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(20)} - m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(00)}m_{021}^{(21)} + m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(10)}m_{021}^{(20)}\\
&+m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(11)}m_{201}^{(21)} + m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(20)}m_{120}^{(21)} - m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(21)}m_{210}^{(21)}\\
&-m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(21)}m_{201}^{(11)} - m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(21)}m_{120}^{(20)} + m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(22)}m_{210}^{(11)}\\
&-m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(10)}m_{003}^{(21)} - m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(11)}m_{003}^{(20)} + m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{003}^{(11)}\\
&+m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(21)}m_{102}^{(21)} + m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(20)} + m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(21)}m_{003}^{(10)}\\
&-m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{102}^{(11)} - m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{012}^{(10)} + 2m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(00)}m_{003}^{(21)}\\
&-2m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(10)}m_{003}^{(20)} - 2m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{102}^{(21)} + 2m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(20)}\\
&-2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(00)}m_{012}^{(21)} + 2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{102}^{(21)} + 2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(20)}\\
&+2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(11)}m_{102}^{(20)} + 2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(21)} - 2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{102}^{(11)}\\
&-2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{201}^{(21)} - 4m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(20)} - 2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{102}^{(10)}\\
&+2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{201}^{(11)} + 2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{111}^{(10)} - 2m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(00)}m_{102}^{(21)}\\
&+2m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(20)} + 2m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(21)} - 2m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(20)}\\
&+2m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(00)}m_{111}^{(21)} - m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{201}^{(21)} - 2m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(11)}m_{201}^{(20)} - 2m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{210}^{(21)} + m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{201}^{(11)}\\
&+m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(21)}m_{300}^{(21)} + 3m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(21)}m_{210}^{(20)} + m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(21)}m_{201}^{(10)}
\end{aligned}
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\begin{aligned}
&-m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(22)}m_{300}^{(11)} - m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(22)}m_{210}^{(10)} - m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(00)}m_{003}^{(21)}\\
&+2m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(10)}m_{003}^{(20)} + m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(20)}m_{102}^{(21)} - m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(20)}m_{003}^{(10)}\\
&-2m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(20)} + m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(22)}m_{102}^{(10)} + 2m_{100}^{(11)}m_{001}^{(11)}m_{001}^{(00)}m_{101}^{(21)}\\
&-4m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(20)} - 2m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(20)}m_{201}^{(21)} + 2m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(20)}m_{102}^{(10)}\\
&+4m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(20)} - 2m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(22)}m_{201}^{(10)} - m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(00)}m_{201}^{(21)}\\
&+2m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(10)}m_{201}^{(20)} + m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(20)}m_{300}^{(21)} - m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(20)}m_{201}^{(10)}\\
&-2m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(21)}m_{300}^{(20)} + m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(22)}m_{300}^{(10)} + m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{012}^{(21)}\\
&-m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(11)}m_{102}^{(21)} - m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{012}^{(11)} + m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{102}^{(11)}\\
&-2m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(00)}m_{012}^{(21)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(20)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(21)}\\
&-2m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(20)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{021}^{(21)} - 2m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(21)}\\
&-2m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(20)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{201}^{(21)} - 2m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(21)}\\
&+2m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{111}^{(11)} - 2m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{201}^{(11)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(20)}\\
&+2m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(00)}m_{102}^{(21)} - 2m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(20)} - 2m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(20)}m_{201}^{(21)}\\
&+2m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(20)} - 2m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{111}^{(21)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(20)}\\
&+2m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(21)} - 2m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(20)} + m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(10)}m_{210}^{(21)}\\
&-m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(11)}m_{300}^{(21)} - m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(20)}m_{210}^{(11)} + m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(21)}m_{300}^{(11)}\\
&+2m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{012}^{(21)} - 3m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(20)} + m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(11)}m_{102}^{(20)}\\
&-2m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(21)} + m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{012}^{(10)} + 2m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{102}^{(10)} - 2m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{102}^{(21)} + 2m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(20)}\\
&+2m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(21)} - 2m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(20)} - 2m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(21)}\\
&+4m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(20)} - 2m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(20)} + 2m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(21)}\\
&-2m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{111}^{(10)} - 2m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(20)} + 2m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{201}^{(10)}\\
&+2m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{201}^{(21)} - 2m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(20)} - 2m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(21)}\\
&+2m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(20)} - m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(10)}m_{210}^{(20)} + m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(11)}m_{300}^{(20)}\\
&+m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(20)}m_{210}^{(10)} - m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(21)}m_{300}^{(10)} - m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(00)}m_{021}^{(21)}\\
&+m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(20)} + m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(20)}m_{120}^{(21)} - m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(20)}\\
&+2m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{111}^{(21)} - 2m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(20)} - 2m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(20)}m_{210}^{(21)}\\
&+2m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(20)} - m_{100}^{(11)}m_{001}^{(22)}m_{020}^{(00)}m_{201}^{(21)} + m_{100}^{(11)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(20)}\\
&+m_{100}^{(11)}m_{001}^{(22)}m_{020}^{(20)}m_{300}^{(21)} - m_{100}^{(11)}m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(20)} - 2(m_{100}^{(20)})^2m_{110}^{(11)}m_{012}^{(21)}\\
&+2(m_{100}^{(20)})^2m_{110}^{(21)}m_{021}^{(21)} + 2(m_{100}^{(20)})^2m_{110}^{(21)}m_{012}^{(11)} - 2(m_{100}^{(20)})^2m_{110}^{(22)}m_{021}^{(11)}\\
&+2(m_{100}^{(20)})^2m_{101}^{(11)}m_{021}^{(21)} - 2(m_{100}^{(20)})^2m_{101}^{(21)}m_{030}^{(21)} - 2(m_{100}^{(20)})^2m_{101}^{(21)}m_{021}^{(11)}\\
&+2(m_{100}^{(20)})^2m_{101}^{(22)}m_{030}^{(11)} + 2(m_{100}^{(20)})^2m_{020}^{(11)}m_{102}^{(21)} - 2(m_{100}^{(20)})^2m_{020}^{(21)}m_{111}^{(21)}\\
&-2(m_{100}^{(20)})^2m_{020}^{(21)}m_{102}^{(11)} + 2(m_{100}^{(20)})^2m_{020}^{(22)}m_{111}^{(11)} - 2(m_{100}^{(20)})^2m_{011}^{(11)}m_{111}^{(21)}\\
&+2(m_{100}^{(20)})^2m_{011}^{(21)}m_{120}^{(21)} + 2(m_{100}^{(20)})^2m_{011}^{(21)}m_{111}^{(11)} - 2(m_{100}^{(20)})^2m_{011}^{(22)}m_{120}^{(11)}\\
&+2m_{100}^{(20)}m_{100}^{(21)}m_{200}^{(11)}m_{012}^{(21)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{200}^{(21)}m_{021}^{(21)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{200}^{(21)}m_{012}^{(11)}\\
&+2m_{100}^{(20)}m_{100}^{(21)}m_{200}^{(22)}m_{021}^{(11)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(10)}m_{021}^{(22)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{012}^{(10)}\\
&-2m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(11)}m_{111}^{(22)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(11)}m_{102}^{(21)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(20)}m_{021}^{(21)}\\
&-2m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(20)}m_{012}^{(11)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{111}^{(21)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{102}^{(11)}
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\begin{aligned}
&-2m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(10)}m_{030}^{(22)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(10)}m_{021}^{(21)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{120}^{(22)}\\
&-2m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{111}^{(21)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(20)}m_{030}^{(21)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(20)}m_{021}^{(11)}\\
&+2m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{120}^{(21)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{111}^{(11)} - 4m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(22)}m_{120}^{(11)}\\
&-2m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(10)}m_{111}^{(22)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(10)}m_{102}^{(21)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(11)}m_{201}^{(22)}\\
&+2m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{111}^{(21)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{102}^{(11)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(22)}m_{201}^{(11)}\\
&+2m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{120}^{(22)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{111}^{(21)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(11)}m_{210}^{(22)}\\
&+2m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(11)}m_{201}^{(21)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(20)}m_{120}^{(21)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(20)}m_{111}^{(11)}\\
&-2m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(21)}m_{210}^{(21)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(21)}m_{201}^{(11)} + 4m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(22)}m_{210}^{(11)}\\
&-m_{100}^{(20)}m_{100}^{(22)}m_{200}^{(11)}m_{021}^{(21)} + m_{100}^{(20)}m_{100}^{(22)}m_{200}^{(21)}m_{030}^{(21)} + m_{100}^{(20)}m_{100}^{(22)}m_{200}^{(21)}m_{021}^{(11)}\\
&-m_{100}^{(20)}m_{100}^{(22)}m_{200}^{(22)}m_{030}^{(11)} - 2m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(10)}m_{021}^{(21)} + 4m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(11)}m_{111}^{(21)}\\
&+2m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(20)}m_{021}^{(11)} - 2m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(21)}m_{120}^{(21)} - 4m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(21)}m_{111}^{(11)}\\
&+2m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(22)}m_{120}^{(11)} + 2m_{100}^{(20)}m_{100}^{(22)}m_{101}^{(10)}m_{030}^{(21)} - 2m_{100}^{(20)}m_{100}^{(22)}m_{101}^{(11)}m_{120}^{(21)}\\
&-2m_{100}^{(20)}m_{100}^{(22)}m_{101}^{(20)}m_{030}^{(11)} + 2m_{100}^{(20)}m_{100}^{(22)}m_{101}^{(21)}m_{120}^{(11)} + 2m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(10)}m_{111}^{(21)}\\
&-3m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(11)}m_{201}^{(21)} - 2m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(20)}m_{111}^{(11)} + m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(21)}m_{210}^{(21)}\\
&+3m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(21)}m_{201}^{(11)} - m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(22)}m_{210}^{(11)} - 2m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(10)}m_{120}^{(21)}\\
&+2m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(11)}m_{210}^{(21)} + 2m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(20)}m_{120}^{(11)} - 2m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(21)}m_{210}^{(11)}\\
&-2m_{100}^{(20)}m_{010}^{(00)}m_{110}^{(11)}m_{012}^{(22)} + 2m_{100}^{(20)}m_{010}^{(00)}m_{110}^{(21)}m_{021}^{(22)} + 2m_{100}^{(20)}m_{010}^{(00)}m_{110}^{(21)}m_{012}^{(21)}\\
&-2m_{100}^{(20)}m_{010}^{(00)}m_{110}^{(22)}m_{021}^{(21)} + 2m_{100}^{(20)}m_{010}^{(00)}m_{101}^{(11)}m_{021}^{(22)} - 2m_{100}^{(20)}m_{010}^{(00)}m_{101}^{(21)}m_{030}^{(22)}\\
&-2m_{100}^{(20)}m_{010}^{(00)}m_{101}^{(21)}m_{021}^{(21)} + 2m_{100}^{(20)}m_{010}^{(00)}m_{101}^{(22)}m_{030}^{(21)} + m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(10)}m_{003}^{(21)}\\
&+2m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(11)}m_{102}^{(22)} - m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(20)}m_{012}^{(21)} - 2m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(21)}m_{111}^{(22)}\\
&-2m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(21)}m_{102}^{(21)} - m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(21)}m_{003}^{(10)} + 2m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(22)}m_{111}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(22)}m_{012}^{(10)} - 2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(10)}m_{012}^{(21)} - 2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(11)}m_{111}^{(22)}\\
&+2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(20)}m_{021}^{(21)} + 2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{120}^{(22)} + 2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{111}^{(21)}\\
&+2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{012}^{(10)} - 2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(22)}m_{120}^{(21)} - 2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(22)}m_{021}^{(10)}\\
&+m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(10)}m_{021}^{(21)} - m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(20)}m_{030}^{(21)} - m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(21)}m_{021}^{(10)}\\
&+m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(22)}m_{030}^{(10)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(10)}m_{012}^{(22)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(10)}m_{003}^{(21)}\\
&-2m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{111}^{(22)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{003}^{(10)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{111}^{(21)}\\
&-2m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{012}^{(10)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(10)}m_{021}^{(22)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(10)}m_{012}^{(21)}\\
&+2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{120}^{(22)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{012}^{(10)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(22)}m_{120}^{(21)}\\
&+2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(22)}m_{021}^{(10)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(10)}m_{102}^{(22)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(20)}m_{102}^{(21)}\\
&+2m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(21)}m_{201}^{(22)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(22)}m_{201}^{(21)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{111}^{(22)}\\
&+2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{102}^{(21)} - 4m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{111}^{(21)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{210}^{(22)}\\
&-2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{102}^{(10)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(22)}m_{210}^{(21)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(22)}m_{111}^{(10)}\\
&-2m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{111}^{(21)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(20)}m_{120}^{(21)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(21)}m_{111}^{(10)}\\
&-2m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(22)}m_{120}^{(10)} + m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(10)}m_{003}^{(21)} - m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(20)}m_{012}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(21)}m_{003}^{(10)} + m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(22)}m_{012}^{(10)} - 2m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(10)}m_{102}^{(21)}\\
&+2m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(20)}m_{111}^{(21)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(21)}m_{102}^{(10)} - 2m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(22)}m_{111}^{(10)}\\
&+m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(10)}m_{201}^{(21)} - m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(20)}m_{210}^{(21)} - m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(21)}m_{201}^{(10)}
\end{aligned}
$$

$$+m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(22)}m_{210}^{(10)}-2m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(10)}m_{021}^{(22)}+2m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(10)}m_{012}^{(21)}$$
$$+2m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(11)}m_{111}^{(22)}+2m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(11)}m_{012}^{(20)}-2m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{111}^{(21)}$$
$$-2m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{021}^{(20)}-4m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{012}^{(10)}+4m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(22)}m_{021}^{(10)}$$
$$+2m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(10)}m_{030}^{(22)}-2m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(10)}m_{021}^{(21)}-2m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(11)}m_{120}^{(22)}$$
$$-2m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(11)}m_{021}^{(20)}+2m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{120}^{(21)}+2m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{030}^{(20)}$$
$$+4m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{021}^{(10)}-4m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(22)}m_{030}^{(10)}+2m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(10)}m_{111}^{(22)}$$
$$-2m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(10)}m_{102}^{(21)}-2m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(11)}m_{201}^{(22)}-2m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(11)}m_{102}^{(20)}$$
$$+2m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(21)}m_{201}^{(21)}+2m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(21)}m_{111}^{(20)}+4m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(21)}m_{102}^{(10)}$$
$$-4m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(22)}m_{111}^{(10)}-2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{120}^{(22)}+2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(21)}$$
$$+2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(11)}m_{210}^{(22)}+2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(11)}m_{111}^{(20)}-2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{210}^{(21)}$$
$$-2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{120}^{(20)}-4m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(10)}+4m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(22)}m_{120}^{(10)}$$
$$-2m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(21)}+2m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(20)}m_{021}^{(21)}+2m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{012}^{(10)}$$
$$-2m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(22)}m_{021}^{(10)}+2m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{102}^{(21)}-2m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{012}^{(20)}$$
$$-2m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(21)}+2m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{012}^{(10)}+2m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{111}^{(20)}$$
$$-2m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{102}^{(10)}+2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(21)}+2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{021}^{(20)}$$
$$-2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(21)}-2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{021}^{(10)}-2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{120}^{(20)}$$
$$-2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(10)}+4m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(22)}m_{120}^{(10)}+2m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(10)}m_{102}^{(20)}$$
$$-2m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(20)}m_{102}^{(10)}-2m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(20)}m_{201}^{(20)}+2m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(22)}m_{201}^{(10)}$$
$$-2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(21)}-2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{111}^{(20)}+2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(21)}$$
$$+2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{111}^{(10)}+2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{210}^{(20)}+2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(10)}$$
$$-4m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(22)}m_{210}^{(10)}+m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(10)}m_{021}^{(21)}-m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(20)}m_{030}^{(21)}$$
$$-m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{021}^{(10)}+m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(22)}m_{030}^{(10)}-2m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(21)}$$
$$+2m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{021}^{(20)}-2m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(11)}m_{111}^{(20)}+2m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{120}^{(21)}$$
$$-2m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{021}^{(10)}+4m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(10)}-2m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(22)}m_{120}^{(10)}$$
$$-2m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(10)}m_{030}^{(20)}+2m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(11)}m_{120}^{(20)}+2m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(20)}m_{030}^{(10)}$$
$$-2m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(21)}m_{120}^{(10)}+m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(10)}m_{201}^{(21)}-2m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(10)}m_{111}^{(20)}$$
$$+2m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(11)}m_{201}^{(20)}-m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(20)}m_{210}^{(21)}+2m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(20)}m_{111}^{(10)}$$
$$-3m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(21)}m_{201}^{(10)}+m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(22)}m_{210}^{(10)}+2m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{120}^{(20)}$$
$$-2m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(11)}m_{210}^{(20)}-2m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(20)}m_{120}^{(10)}+2m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(21)}m_{210}^{(10)}$$
$$+2m_{100}^{(20)}m_{001}^{(00)}m_{110}^{(11)}m_{012}^{(21)}-2m_{100}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{021}^{(21)}-2m_{100}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(11)}$$
$$+2m_{100}^{(20)}m_{001}^{(00)}m_{110}^{(22)}m_{021}^{(11)}-2m_{100}^{(20)}m_{001}^{(00)}m_{101}^{(11)}m_{021}^{(21)}+2m_{100}^{(20)}m_{001}^{(00)}m_{101}^{(21)}m_{030}^{(21)}$$
$$+2m_{100}^{(20)}m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(11)}-2m_{100}^{(20)}m_{001}^{(00)}m_{101}^{(22)}m_{030}^{(11)}-m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(10)}m_{003}^{(11)}$$
$$-2m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(11)}m_{102}^{(21)}+m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(11)}m_{003}^{(10)}+m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(20)}m_{012}^{(11)}$$
$$+2m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{111}^{(21)}+2m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(11)}-m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{012}^{(10)}$$
$$-2m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(22)}m_{111}^{(11)}+2m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(11)}+2m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{111}^{(21)}$$
$$-2m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{012}^{(10)}-2m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(11)}-2m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{120}^{(21)}$$
$$-2m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(11)}+2m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{021}^{(10)}+2m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(22)}m_{120}^{(11)}$$
$$-m_{100}^{(20)}m_{001}^{(00)}m_{002}^{(10)}m_{021}^{(11)}+m_{100}^{(20)}m_{001}^{(00)}m_{002}^{(11)}m_{021}^{(10)}+m_{100}^{(20)}m_{001}^{(00)}m_{002}^{(20)}m_{030}^{(11)}$$

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\begin{aligned}
&-m_{100}^{(20)}m_{001}^{(00)}m_{002}^{(21)}m_{030}^{(10)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(21)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{003}^{(11)}\\
&-2m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(11)}m_{012}^{(20)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(11)}m_{003}^{(10)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(21)}\\
&+2m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{021}^{(20)} + 4m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(10)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(11)}\\
&-2m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{021}^{(10)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(21)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(11)}\\
&+2m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{021}^{(20)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{012}^{(10)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(21)}\\
&-2m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{030}^{(20)} - 4m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(10)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(22)}m_{120}^{(11)}\\
&+2m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(22)}m_{030}^{(10)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(21)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(11)}m_{102}^{(20)}\\
&-2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(11)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{201}^{(21)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{111}^{(20)}\\
&-2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{102}^{(10)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(22)}m_{201}^{(11)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(22)}m_{111}^{(10)}\\
&-2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(21)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(11)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{111}^{(20)}\\
&+2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{102}^{(10)} + 4m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(11)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{210}^{(21)}\\
&+2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{120}^{(20)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(22)}m_{210}^{(11)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(22)}m_{120}^{(10)}\\
&+2m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(11)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(11)}m_{111}^{(10)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(11)}\\
&+2m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(21)}m_{120}^{(10)} - m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(10)}m_{003}^{(11)} + m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(11)}m_{003}^{(10)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(11)} - m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(21)}m_{012}^{(10)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(10)}m_{012}^{(20)}\\
&-2m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{012}^{(10)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{111}^{(20)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(22)}m_{111}^{(10)}\\
&+2m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(11)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{021}^{(20)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(11)}m_{102}^{(10)}\\
&-2m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(11)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{021}^{(10)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{120}^{(20)}\\
&+2m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(10)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(22)}m_{120}^{(10)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{020}^{(20)}m_{102}^{(10)}\\
&+2m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(10)}m_{102}^{(20)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(21)}m_{201}^{(20)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(22)}m_{201}^{(10)}\\
&+2m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{111}^{(20)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(10)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(21)}m_{210}^{(20)}\\
&+2m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(22)}m_{210}^{(10)} - m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(10)}m_{201}^{(11)} + m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(11)}m_{201}^{(10)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(11)} - m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(21)}m_{210}^{(10)} + 2m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(21)}\\
&-2m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(11)} - 2m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(21)} + 2m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{012}^{(10)}\\
&+2m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(11)} - 2m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(10)} - 2m_{100}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(21)}\\
&+2m_{100}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(11)} + 2m_{100}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(21)} - 2m_{100}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{021}^{(10)}\\
&-2m_{100}^{(20)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(11)} + 2m_{100}^{(20)}m_{001}^{(20)}m_{101}^{(21)}m_{030}^{(10)} - 2m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(21)}\\
&+2m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(11)} + 2m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(21)} - 2m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(11)}m_{102}^{(10)}\\
&-2m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(11)} + 2m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(10)} + 2m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(21)}\\
&-2m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(11)} - 2m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(21)} + 2m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{111}^{(10)}\\
&+2m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(11)} - 2m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(10)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(11)}\\
&-2m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{012}^{(10)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(11)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(10)}\\
&-2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(11)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{021}^{(20)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{111}^{(20)}\\
&+2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{102}^{(10)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(11)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{021}^{(10)}\\
&-4m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(10)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(11)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{030}^{(20)}\\
&-2m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{120}^{(20)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{111}^{(10)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(11)}\\
&-2m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(20)}m_{030}^{(10)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{111}^{(20)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(11)}m_{201}^{(20)}\\
&-2m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{111}^{(10)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{201}^{(10)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(11)}
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\begin{aligned}
&-2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{120}^{(20)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{210}^{(20)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{201}^{(10)}\\
&-2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(11)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(20)}m_{120}^{(10)} - m_{100}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(11)}\\
&+m_{100}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{021}^{(10)} + m_{100}^{(20)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(11)} - m_{100}^{(20)}m_{001}^{(22)}m_{200}^{(21)}m_{030}^{(10)}\\
&+2m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(11)} - 2m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{111}^{(10)} - 2m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(11)}\\
&+2m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(21)}m_{120}^{(10)} - m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(11)} + m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(11)}m_{201}^{(10)}\\
&+m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(11)} - m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(21)}m_{210}^{(10)} - 2(m_{100}^{(21)})^2m_{200}^{(10)}m_{021}^{(22)}\\
&-2(m_{100}^{(21)})^2m_{200}^{(10)}m_{012}^{(21)} + 2(m_{100}^{(21)})^2m_{200}^{(11)}m_{111}^{(22)} + 2(m_{100}^{(21)})^2m_{200}^{(20)}m_{021}^{(21)}\\
&+2(m_{100}^{(21)})^2m_{200}^{(20)}m_{012}^{(11)} - 2(m_{100}^{(21)})^2m_{200}^{(22)}m_{111}^{(11)} + 2(m_{100}^{(21)})^2m_{110}^{(10)}m_{111}^{(22)}\\
&+2(m_{100}^{(21)})^2m_{110}^{(10)}m_{102}^{(21)} - 2(m_{100}^{(21)})^2m_{110}^{(11)}m_{201}^{(22)} - 2(m_{100}^{(21)})^2m_{110}^{(20)}m_{111}^{(21)}\\
&-2(m_{100}^{(21)})^2m_{110}^{(20)}m_{102}^{(11)} + 2(m_{100}^{(21)})^2m_{110}^{(22)}m_{201}^{(11)} + 2(m_{100}^{(21)})^2m_{101}^{(10)}m_{120}^{(22)}\\
&+2(m_{100}^{(21)})^2m_{101}^{(10)}m_{111}^{(21)} - 2(m_{100}^{(21)})^2m_{101}^{(11)}m_{210}^{(22)} - 2(m_{100}^{(21)})^2m_{101}^{(20)}m_{120}^{(21)}\\
&-2(m_{100}^{(21)})^2m_{101}^{(20)}m_{111}^{(11)} + 2(m_{100}^{(21)})^2m_{101}^{(22)}m_{210}^{(11)} - 2(m_{100}^{(21)})^2m_{011}^{(10)}m_{210}^{(22)}\\
&-2(m_{100}^{(21)})^2m_{011}^{(10)}m_{201}^{(21)} + 2(m_{100}^{(21)})^2m_{011}^{(11)}m_{300}^{(22)} + 2(m_{100}^{(21)})^2m_{011}^{(20)}m_{210}^{(21)}\\
&+2(m_{100}^{(21)})^2m_{011}^{(20)}m_{201}^{(11)} - 2(m_{100}^{(21)})^2m_{011}^{(22)}m_{300}^{(11)} + m_{100}^{(21)}m_{100}^{(22)}m_{100}^{(10)}m_{200}^{(22)}m_{030}\\
&+3m_{100}^{(21)}m_{100}^{(22)}m_{200}^{(10)}m_{021}^{(21)} - m_{100}^{(21)}m_{100}^{(22)}m_{200}^{(11)}m_{120}^{(22)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{200}^{(11)}m_{111}^{(21)}\\
&-m_{100}^{(21)}m_{100}^{(22)}m_{200}^{(20)}m_{030}^{(21)} - 3m_{100}^{(21)}m_{100}^{(22)}m_{200}^{(20)}m_{021}^{(11)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{200}^{(21)}m_{111}^{(11)}\\
&+m_{100}^{(21)}m_{100}^{(22)}m_{200}^{(22)}m_{120}^{(11)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{120}^{(22)} - 4m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{111}^{(21)}\\
&+2m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(11)}m_{210}^{(22)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(11)}m_{201}^{(21)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(20)}m_{120}^{(21)}\\
&+4m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(20)}m_{111}^{(11)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(21)}m_{201}^{(11)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(22)}m_{210}^{(11)}\\
&-2m_{100}^{(21)}m_{100}^{(22)}m_{101}^{(10)}m_{120}^{(21)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{101}^{(11)}m_{210}^{(21)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{101}^{(20)}m_{120}^{(11)}\\
&-2m_{100}^{(21)}m_{100}^{(22)}m_{101}^{(21)}m_{210}^{(11)} + m_{100}^{(21)}m_{100}^{(22)}m_{020}^{(10)}m_{210}^{(22)} + m_{100}^{(21)}m_{100}^{(22)}m_{020}^{(10)}m_{201}^{(21)}\\
&-m_{100}^{(21)}m_{100}^{(22)}m_{020}^{(11)}m_{300}^{(22)} - m_{100}^{(21)}m_{100}^{(22)}m_{020}^{(20)}m_{210}^{(21)} - m_{100}^{(21)}m_{100}^{(22)}m_{020}^{(20)}m_{201}^{(11)}\\
&+m_{100}^{(21)}m_{100}^{(22)}m_{020}^{(22)}m_{300}^{(11)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{011}^{(10)}m_{210}^{(21)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{011}^{(11)}m_{300}^{(21)}\\
&-2m_{100}^{(21)}m_{100}^{(22)}m_{011}^{(20)}m_{210}^{(11)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{011}^{(21)}m_{300}^{(11)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{200}^{(11)}m_{012}^{(22)}\\
&-2m_{100}^{(21)}m_{010}^{(00)}m_{200}^{(21)}m_{021}^{(22)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{200}^{(21)}m_{012}^{(21)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{200}^{(22)}m_{021}^{(21)}\\
&-2m_{100}^{(21)}m_{010}^{(00)}m_{110}^{(11)}m_{102}^{(22)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{110}^{(21)}m_{111}^{(22)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{110}^{(21)}m_{102}^{(21)}\\
&-2m_{100}^{(21)}m_{010}^{(00)}m_{110}^{(22)}m_{111}^{(21)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{101}^{(11)}m_{111}^{(22)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{101}^{(21)}m_{120}^{(22)}\\
&+2m_{100}^{(21)}m_{010}^{(00)}m_{101}^{(21)}m_{111}^{(21)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{101}^{(22)}m_{120}^{(21)} - m_{100}^{(21)}m_{010}^{(00)}m_{020}^{(00)}m_{012}^{(22)}\\
&-m_{100}^{(21)}m_{010}^{(00)}m_{020}^{(00)}m_{003}^{(21)} + m_{100}^{(21)}m_{010}^{(00)}m_{020}^{(10)}m_{102}^{(22)} + m_{100}^{(21)}m_{010}^{(00)}m_{020}^{(20)}m_{102}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(00)}m_{020}^{(20)}m_{012}^{(20)} + m_{100}^{(21)}m_{010}^{(00)}m_{020}^{(20)}m_{003}^{(10)} - m_{100}^{(21)}m_{010}^{(00)}m_{020}^{(21)}m_{102}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(00)}m_{020}^{(22)}m_{102}^{(10)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(00)}m_{021}^{(22)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(00)}m_{012}^{(21)}\\
&-2m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(10)}m_{111}^{(22)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(11)}m_{201}^{(22)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(20)}m_{111}^{(21)}\\
&-2m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(20)}m_{021}^{(20)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(20)}m_{012}^{(10)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(21)}m_{210}^{(22)}\\
&-2m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(21)}m_{201}^{(21)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(21)}m_{111}^{(20)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(22)}m_{210}^{(21)}\\
&+2m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(22)}m_{111}^{(10)} - m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(00)}m_{030}^{(22)} - m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(00)}m_{021}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(10)}m_{120}^{(22)} + m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(20)}m_{120}^{(21)} + m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(20)}m_{030}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(20)}m_{021}^{(10)} - m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(21)}m_{120}^{(20)} - m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(22)}m_{120}^{(10)}\\
&-2m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(10)}m_{012}^{(22)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(20)}m_{012}^{(21)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(21)}m_{111}^{(22)}
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&-2m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(22)}m_{111}^{(21)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(00)}m_{012}^{(22)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(00)}m_{003}^{(21)}\\
&-4m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{102}^{(21)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{012}^{(20)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{003}^{(10)}\\
&-2m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(21)}m_{201}^{(22)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(21)}m_{102}^{(20)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(22)}m_{201}^{(21)}\\
&+2m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(22)}m_{102}^{(10)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(00)}m_{021}^{(22)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(00)}m_{012}^{(21)}\\
&+4m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(10)}m_{111}^{(22)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{021}^{(20)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{012}^{(10)}\\
&-2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{210}^{(22)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(20)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(22)}m_{210}^{(21)}\\
&-2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(22)}m_{111}^{(10)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(00)}m_{111}^{(22)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(00)}m_{102}^{(21)}\\
&+4m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{201}^{(21)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{111}^{(20)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{102}^{(10)}\\
&+2m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(21)}m_{300}^{(22)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(21)}m_{201}^{(20)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(22)}m_{300}^{(21)}\\
&-2m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(22)}m_{201}^{(10)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(00)}m_{120}^{(22)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(00)}m_{111}^{(21)}\\
&-2m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{210}^{(22)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(20)}m_{210}^{(21)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(20)}m_{120}^{(20)}\\
&-2m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(20)}m_{111}^{(10)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(21)}m_{210}^{(20)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(22)}m_{210}^{(10)}\\
&-m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(00)}m_{012}^{(22)} - m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(00)}m_{003}^{(21)} + m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(10)}m_{102}^{(22)}\\
&+m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(20)}m_{102}^{(21)} + m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(20)}m_{012}^{(20)} + m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(20)}m_{003}^{(10)}\\
&-m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(21)}m_{102}^{(20)} - m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(22)}m_{102}^{(10)} + 2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(00)}m_{111}^{(22)}\\
&+2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(00)}m_{102}^{(21)} - 2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(10)}m_{201}^{(22)} - 2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{201}^{(21)}\\
&-2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{111}^{(20)} - 2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{102}^{(10)} + 2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(21)}m_{201}^{(20)}\\
&+2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(22)}m_{201}^{(10)} - m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(00)}m_{210}^{(22)} - m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(00)}m_{201}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(10)}m_{300}^{(22)} + m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(20)}m_{300}^{(21)} + m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(20)}m_{210}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(20)}m_{201}^{(10)} - m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(21)}m_{300}^{(20)} - m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(22)}m_{300}^{(10)}\\
&+2m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(10)}m_{021}^{(22)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(11)}m_{111}^{(22)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(11)}m_{012}^{(20)}\\
&-2m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(20)}m_{021}^{(21)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{111}^{(21)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{021}^{(20)}\\
&+2m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{012}^{(10)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(22)}m_{021}^{(10)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(00)}m_{021}^{(22)}\\
&-2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(00)}m_{012}^{(21)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(11)}m_{201}^{(22)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(11)}m_{102}^{(20)}\\
&+4m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{111}^{(21)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{021}^{(20)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(10)}\\
&-2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{201}^{(21)} - 4m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{111}^{(20)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{102}^{(10)}\\
&+2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(00)}m_{030}^{(22)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(00)}m_{021}^{(21)} - 4m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{120}^{(22)}\\
&+2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(11)}m_{210}^{(22)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(11)}m_{111}^{(20)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{030}^{(20)}\\
&-2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{021}^{(10)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{210}^{(21)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(10)}\\
&+4m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(22)}m_{120}^{(10)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(00)}m_{111}^{(22)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(00)}m_{102}^{(21)}\\
&-2m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(10)}m_{201}^{(22)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(20)}m_{201}^{(21)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(20)}m_{111}^{(20)}\\
&-2m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(20)}m_{102}^{(10)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(21)}m_{201}^{(20)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(22)}m_{201}^{(10)}\\
&-2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{120}^{(22)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{111}^{(21)} + 4m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{210}^{(22)}\\
&-2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(11)}m_{300}^{(22)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(11)}m_{201}^{(20)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{120}^{(20)}\\
&+2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(10)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(21)}m_{300}^{(21)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(21)}m_{201}^{(10)}\\
&-4m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(22)}m_{210}^{(10)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(00)}m_{021}^{(22)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(00)}m_{012}^{(21)}\\
&-2m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(10)}m_{111}^{(22)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(20)} - 2m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{111}^{(21)}\\
&-2m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{021}^{(20)} - 4m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(10)} + 4m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(22)}m_{111}^{(10)}
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&-2m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(00)}m_{111}^{(22)} - 2m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(00)}m_{102}^{(21)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(10)}m_{201}^{(22)}\\
&-2m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(10)}m_{102}^{(20)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(20)}m_{201}^{(21)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(20)}\\
&+4m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(10)} - 4m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(22)}m_{201}^{(10)} - 2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{120}^{(22)}\\
&-2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{111}^{(21)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{210}^{(22)} - 2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(20)}\\
&+2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{210}^{(21)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(20)} + 4m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(10)}\\
&-4m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(22)}m_{210}^{(10)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(00)}m_{210}^{(22)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(00)}m_{201}^{(21)}\\
&-2m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(10)}m_{300}^{(22)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(20)} - 2m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(20)}m_{300}^{(21)}\\
&-2m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(20)} - 4m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(10)} + 4m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(22)}m_{300}^{(10)}\\
&-m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(00)}m_{030}^{(22)} - m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(00)}m_{021}^{(21)} + m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{120}^{(22)}\\
&-2m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{021}^{(20)} + 2m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(11)}m_{111}^{(20)} + m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{120}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{030}^{(20)} + 3m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(10)} - m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{120}^{(20)}\\
&-2m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(10)} - m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(22)}m_{120}^{(10)} + 2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(00)}m_{120}^{(22)}\\
&+2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(00)}m_{111}^{(21)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{210}^{(22)} + 2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(20)}\\
&-2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(11)}m_{201}^{(20)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{210}^{(21)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{120}^{(20)}\\
&-4m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(10)} + 2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(21)}m_{210}^{(20)} + 2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(10)}\\
&+2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(22)}m_{210}^{(10)} + 2m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{120}^{(20)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(11)}m_{210}^{(20)}\\
&-2m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(10)} + 2m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(10)} - m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(00)}m_{210}^{(22)}\\
&-m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(00)}m_{201}^{(21)} + m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(10)}m_{300}^{(22)} + m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(20)}m_{300}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(20)}m_{210}^{(20)} + m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(20)}m_{201}^{(10)} - m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(21)}m_{300}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(22)}m_{300}^{(10)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(10)}m_{210}^{(20)} + 2m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(11)}m_{300}^{(20)}\\
&+2m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(10)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(21)}m_{300}^{(10)} - 2m_{100}^{(21)}m_{001}^{(00)}m_{200}^{(11)}m_{012}^{(21)}\\
&+2m_{100}^{(21)}m_{001}^{(00)}m_{200}^{(21)}m_{021}^{(21)} + 2m_{100}^{(21)}m_{001}^{(00)}m_{200}^{(21)}m_{012}^{(11)} - 2m_{100}^{(21)}m_{001}^{(00)}m_{200}^{(22)}m_{021}^{(11)}\\
&+2m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(11)}m_{102}^{(21)} - 2m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{111}^{(21)} - 2m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{102}^{(11)}\\
&+2m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(22)}m_{111}^{(11)} + 2m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(11)}m_{111}^{(21)} - 2m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{120}^{(21)}\\
&-2m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{111}^{(11)} + 2m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(22)}m_{120}^{(11)} + m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(00)}m_{012}^{(21)}\\
&+m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(00)}m_{003}^{(11)} - m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(10)}m_{102}^{(21)} - m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(10)}m_{012}^{(20)}\\
&-m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(10)}m_{003}^{(10)} + m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(11)}m_{102}^{(20)} - m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(20)}m_{102}^{(11)}\\
&+m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(10)} - 2m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(00)}m_{021}^{(21)} - 2m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(00)}m_{012}^{(11)}\\
&+2m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(21)} + 2m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{021}^{(20)} + 2m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(10)}\\
&-2m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(11)}m_{201}^{(21)} - 2m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(11)}m_{111}^{(20)} + 2m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(11)}\\
&+2m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{210}^{(21)} + 2m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{201}^{(11)} - 2m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(10)}\\
&-2m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(22)}m_{210}^{(11)} + m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(00)}m_{030}^{(21)} + m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(00)}m_{021}^{(11)}\\
&-m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(10)}m_{120}^{(21)} - m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(10)}m_{030}^{(20)} - m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(10)}m_{021}^{(10)}\\
&+m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(11)}m_{120}^{(20)} - m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(20)}m_{120}^{(11)} + m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(21)}m_{120}^{(10)}\\
&+2m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(10)}m_{012}^{(21)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(11)}m_{012}^{(20)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{012}^{(11)}\\
&-2m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{111}^{(21)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(20)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(10)}\\
&+2m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(22)}m_{111}^{(11)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(22)}m_{021}^{(10)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(00)}m_{012}^{(21)}\\
&-2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(00)}m_{003}^{(11)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(20)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{003}^{(10)}
\end{aligned}
$$

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\begin{aligned}
&-4m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(11)}m_{102}^{(20)} + 4m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{102}^{(11)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{201}^{(21)}\\
&+2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(20)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(22)}m_{201}^{(11)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(10)}\\
&+2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{021}^{(21)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{012}^{(11)} - 4m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(21)}\\
&-2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(20)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(10)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{210}^{(21)}\\
&+2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(20)} + 4m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(10)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(22)}m_{210}^{(11)}\\
&-2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(22)}m_{120}^{(10)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{111}^{(21)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{102}^{(11)}\\
&-2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(20)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(10)} + 4m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(11)}m_{201}^{(20)}\\
&-4m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(11)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{300}^{(21)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{210}^{(20)}\\
&+2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(22)}m_{300}^{(11)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(22)}m_{210}^{(10)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(00)}m_{120}^{(21)}\\
&-2m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(00)}m_{111}^{(11)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{210}^{(21)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{120}^{(20)}\\
&+2m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(10)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(11)}m_{210}^{(20)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(20)}m_{210}^{(11)}\\
&-2m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(21)}m_{210}^{(10)} + m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(00)}m_{012}^{(21)} + m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(00)}m_{003}^{(11)}\\
&-m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{102}^{(21)} - 3m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(20)} - m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{003}^{(10)}\\
&+m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(11)}m_{102}^{(20)} - m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{102}^{(11)} + 2m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(10)}\\
&+2m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{111}^{(20)} + m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(10)} - 2m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(22)}m_{111}^{(10)}\\
&+2m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(20)} - 2m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(10)} - 2m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(21)}m_{201}^{(20)}\\
&+2m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(22)}m_{201}^{(10)} - 2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{111}^{(21)} - 2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{102}^{(11)}\\
&+2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(21)} + 4m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(20)} + 2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(10)}\\
&-2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(11)}m_{201}^{(20)} + 2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{201}^{(11)} - 2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(10)}\\
&-2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{210}^{(20)} - 2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(10)} + 2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(22)}m_{210}^{(10)}\\
&-2m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(20)} + 2m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(10)} + 2m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(21)}m_{300}^{(20)}\\
&-2m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(22)}m_{300}^{(10)} + m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(00)}m_{210}^{(21)} + m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(00)}m_{201}^{(11)}\\
&-m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(10)}m_{300}^{(21)} - m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(10)}m_{210}^{(20)} - m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(10)}m_{201}^{(10)}\\
&+m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(11)}m_{300}^{(20)} - m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(20)}m_{300}^{(11)} + m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(21)}m_{300}^{(10)}\\
&-2m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(21)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{111}^{(21)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{021}^{(11)}\\
&-2m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{111}^{(11)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{021}^{(21)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{012}^{(11)}\\
&-2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(20)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(10)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{201}^{(21)}\\
&+2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(20)} - 4m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(11)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{201}^{(11)}\\
&+2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(10)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(00)}m_{021}^{(21)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(00)}m_{021}^{(11)}\\
&+4m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(21)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(20)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(10)}\\
&-2m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{210}^{(21)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(20)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(21)}m_{210}^{(11)}\\
&-2m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(10)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(21)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{102}^{(11)}\\
&+2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(21)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(20)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(10)}\\
&-2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(20)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{201}^{(11)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(10)}\\
&+2m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(21)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{111}^{(11)} - 4m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(21)}\\
&-2m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(20)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(10)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(11)}m_{300}^{(21)}\\
&+2m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(20)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(21)}m_{300}^{(11)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(10)}\\
&-2m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(21)} - 2m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{012}^{(11)} + 2m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(21)}
\end{aligned}
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\begin{aligned}
&+4m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(20)}+2m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(10)}-4m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(20)}\\
&+2m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(11)}-2m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(10)}+2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(21)}\\
&+2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{102}^{(11)}-2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(21)}-4m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(20)}\\
&-2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(11)}+4m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(20)}-2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(11)}\\
&+2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(10)}+2m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(21)}+2m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(11)}\\
&-2m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(21)}-4m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(20)}-2m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(10)}\\
&+4m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(20)}-2m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(11)}+2m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(10)}\\
&-2m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(21)}-2m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{201}^{(11)}+2m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(21)}\\
&+4m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(20)}+2m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(10)}-4m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(11)}m_{300}^{(20)}\\
&+2m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(11)}-2m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(10)}+m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(21)}\\
&+m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(00)}m_{021}^{(11)}-m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(21)}-m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(20)}\\
&-m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(10)}+m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(20)}-m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(20)}m_{120}^{(11)}\\
&+m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(10)}-2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(21)}-2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{111}^{(11)}\\
&+2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(21)}+2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(20)}+2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(10)}\\
&-2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(20)}+2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(20)}m_{210}^{(11)}-2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(10)}\\
&+m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(21)}+m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{201}^{(11)}-m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(21)}\\
&-m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(20)}-m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(10)}+m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(20)}\\
&-m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(20)}m_{300}^{(11)}+m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(10)}-(m_{100}^{(22)})^2m_{200}^{(10)}m_{030}^{(21)}\\
&+(m_{100}^{(22)})^2m_{200}^{(11)}m_{120}^{(21)}+(m_{100}^{(22)})^2m_{200}^{(20)}m_{030}^{(11)}-(m_{100}^{(22)})^2m_{200}^{(21)}m_{120}^{(11)}\\
&+2(m_{100}^{(22)})^2m_{110}^{(10)}m_{120}^{(21)}-2(m_{100}^{(22)})^2m_{110}^{(11)}m_{210}^{(21)}-2(m_{100}^{(22)})^2m_{110}^{(20)}m_{120}^{(11)}\\
&+2(m_{100}^{(22)})^2m_{110}^{(21)}m_{210}^{(11)}-(m_{100}^{(22)})^2m_{020}^{(10)}m_{210}^{(21)}+(m_{100}^{(22)})^2m_{020}^{(11)}m_{300}^{(21)}\\
&+(m_{100}^{(22)})^2m_{020}^{(20)}m_{210}^{(11)}-(m_{100}^{(22)})^2m_{020}^{(21)}m_{300}^{(11)}-m_{100}^{(22)}m_{010}^{(00)}m_{200}^{(11)}m_{021}^{(22)}\\
&+m_{100}^{(22)}m_{010}^{(00)}m_{200}^{(21)}m_{030}^{(22)}+m_{100}^{(22)}m_{010}^{(00)}m_{200}^{(21)}m_{021}^{(21)}-m_{100}^{(22)}m_{010}^{(00)}m_{200}^{(22)}m_{030}^{(21)}\\
&+2m_{100}^{(22)}m_{010}^{(00)}m_{110}^{(11)}m_{111}^{(22)}-2m_{100}^{(22)}m_{010}^{(00)}m_{110}^{(21)}m_{120}^{(22)}-2m_{100}^{(22)}m_{010}^{(00)}m_{110}^{(21)}m_{111}^{(21)}\\
&+2m_{100}^{(22)}m_{010}^{(00)}m_{110}^{(22)}m_{120}^{(21)}+m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(00)}m_{012}^{(21)}-m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(10)}m_{102}^{(21)}\\
&-m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(11)}m_{201}^{(22)}-m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(20)}m_{012}^{(10)}+m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(21)}m_{210}^{(22)}\\
&+m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(21)}m_{201}^{(21)}+m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(21)}m_{102}^{(10)}-m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(22)}m_{210}^{(21)}\\
&-2m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(00)}m_{021}^{(21)}+2m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(10)}m_{111}^{(21)}+2m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(20)}m_{021}^{(10)}\\
&-2m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(21)}m_{111}^{(10)}+m_{100}^{(22)}m_{010}^{(00)}m_{002}^{(00)}m_{030}^{(21)}-m_{100}^{(22)}m_{010}^{(00)}m_{002}^{(10)}m_{120}^{(21)}\\
&-m_{100}^{(22)}m_{010}^{(00)}m_{002}^{(20)}m_{030}^{(10)}+m_{100}^{(22)}m_{010}^{(00)}m_{002}^{(21)}m_{120}^{(10)}+m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(10)}m_{021}^{(22)}\\
&-m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(20)}m_{021}^{(21)}-m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(21)}m_{120}^{(22)}+m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(22)}m_{120}^{(21)}\\
&-2m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(00)}m_{012}^{(21)}-2m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(10)}m_{111}^{(22)}+2m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(10)}m_{102}^{(21)}\\
&+2m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(20)}m_{111}^{(21)}+2m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(20)}m_{012}^{(10)}+2m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(21)}m_{210}^{(22)}\\
&-2m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(21)}m_{102}^{(10)}-2m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(22)}m_{210}^{(21)}+2m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(00)}m_{021}^{(21)}\\
&-2m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(10)}m_{111}^{(21)}-2m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(20)}m_{021}^{(10)}+2m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(10)}m_{020}^{(10)}m_{201}^{(22)}-m_{100}^{(22)}m_{010}^{(10)}m_{020}^{(20)}m_{201}^{(21)}-m_{100}^{(22)}m_{010}^{(10)}m_{020}^{(21)}m_{300}^{(22)}\\
&+m_{100}^{(22)}m_{010}^{(10)}m_{020}^{(22)}m_{300}^{(21)}+2m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(00)}m_{111}^{(21)}-2m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(10)}m_{201}^{(21)}\\
&-2m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(20)}m_{111}^{(10)}+2m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(21)}m_{201}^{(10)}-2m_{100}^{(22)}m_{010}^{(10)}m_{002}^{(00)}m_{120}^{(21)}
\end{aligned}
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$$+2m_{100}^{(22)}m_{010}^{(10)}m_{002}^{(10)}m_{210}^{(21)}+2m_{100}^{(22)}m_{010}^{(10)}m_{002}^{(20)}m_{120}^{(10)}-2m_{100}^{(22)}m_{010}^{(10)}m_{002}^{(21)}m_{210}^{(10)}$$
$$+m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(00)}m_{012}^{(21)}-m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(10)}m_{102}^{(21)}-m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(20)}m_{012}^{(10)}$$
$$+m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(21)}m_{102}^{(10)}-2m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(00)}m_{111}^{(21)}+2m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(10)}m_{201}^{(21)}$$
$$+2m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(20)}m_{111}^{(10)}-2m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(21)}m_{201}^{(10)}+m_{100}^{(22)}m_{010}^{(11)}m_{002}^{(00)}m_{210}^{(21)}$$
$$-m_{100}^{(22)}m_{010}^{(11)}m_{002}^{(10)}m_{300}^{(21)}-m_{100}^{(22)}m_{010}^{(11)}m_{002}^{(20)}m_{210}^{(10)}+m_{100}^{(22)}m_{010}^{(11)}m_{002}^{(21)}m_{300}^{(10)}$$
$$-m_{100}^{(22)}m_{010}^{(20)}m_{200}^{(10)}m_{030}^{(22)}+m_{100}^{(22)}m_{010}^{(20)}m_{200}^{(11)}m_{120}^{(22)}+m_{100}^{(22)}m_{010}^{(20)}m_{200}^{(11)}m_{021}^{(20)}$$
$$+m_{100}^{(22)}m_{010}^{(20)}m_{200}^{(20)}m_{030}^{(21)}-m_{100}^{(22)}m_{010}^{(20)}m_{200}^{(21)}m_{120}^{(21)}-m_{100}^{(22)}m_{010}^{(20)}m_{200}^{(21)}m_{030}^{(20)}$$
$$-m_{100}^{(22)}m_{010}^{(20)}m_{200}^{(21)}m_{021}^{(10)}+m_{100}^{(22)}m_{010}^{(20)}m_{200}^{(22)}m_{030}^{(10)}+2m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(00)}m_{021}^{(21)}$$
$$+2m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(10)}m_{120}^{(22)}-2m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(10)}m_{111}^{(21)}-2m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(11)}m_{210}^{(22)}$$
$$-2m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(11)}m_{111}^{(20)}-2m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(20)}m_{120}^{(21)}-2m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(20)}m_{021}^{(10)}$$
$$+2m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(21)}m_{210}^{(21)}+2m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(21)}m_{120}^{(20)}+4m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(21)}m_{111}^{(10)}$$
$$-2m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(22)}m_{120}^{(10)}-2m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(00)}m_{030}^{(21)}+2m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(10)}m_{120}^{(21)}$$
$$+2m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(20)}m_{030}^{(10)}-2m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(21)}m_{120}^{(10)}-2m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(00)}m_{111}^{(21)}$$
$$-m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(10)}m_{210}^{(22)}+2m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(10)}m_{201}^{(21)}+m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(11)}m_{300}^{(22)}$$
$$+m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(11)}m_{201}^{(20)}+m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(20)}m_{210}^{(21)}+2m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(20)}m_{111}^{(10)}$$
$$-m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(21)}m_{300}^{(21)}-m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(21)}m_{210}^{(20)}-3m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(21)}m_{201}^{(10)}$$
$$+m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(22)}m_{210}^{(10)}+2m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(00)}m_{120}^{(21)}-2m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{210}^{(21)}$$
$$-2m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(20)}m_{120}^{(10)}+2m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(21)}m_{210}^{(10)}-2m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(00)}m_{021}^{(21)}$$
$$+2m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(10)}m_{111}^{(21)}-m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(10)}m_{021}^{(20)}+3m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(20)}m_{021}^{(10)}$$
$$+m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(21)}m_{120}^{(20)}-2m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(10)}-m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(22)}m_{120}^{(10)}$$
$$+2m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(00)}m_{111}^{(21)}-2m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{201}^{(21)}+2m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{111}^{(20)}$$
$$-4m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(10)}-2m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(21)}m_{210}^{(20)}+2m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(21)}m_{201}^{(10)}$$
$$+2m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(22)}m_{210}^{(10)}+2m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(00)}m_{120}^{(21)}-2m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(10)}m_{210}^{(21)}$$
$$-2m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(10)}+2m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(21)}m_{210}^{(10)}-m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(10)}m_{201}^{(20)}$$
$$+m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(20)}m_{201}^{(10)}+m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(21)}m_{300}^{(20)}-m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(22)}m_{300}^{(10)}$$
$$-2m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(00)}m_{210}^{(21)}+2m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(10)}m_{300}^{(21)}+2m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(10)}$$
$$-2m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(21)}m_{300}^{(10)}+m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(00)}m_{030}^{(21)}-m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(10)}m_{120}^{(21)}$$
$$+m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(10)}m_{030}^{(20)}-m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(11)}m_{120}^{(20)}-2m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(20)}m_{030}^{(10)}$$
$$+2m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(21)}m_{120}^{(10)}-2m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(00)}m_{120}^{(21)}+2m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(10)}m_{120}^{(21)}$$
$$-2m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(10)}m_{120}^{(20)}+2m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(11)}m_{210}^{(20)}+4m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(20)}m_{120}^{(10)}$$
$$-4m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(21)}m_{210}^{(10)}+m_{100}^{(22)}m_{010}^{(22)}m_{020}^{(00)}m_{210}^{(21)}-m_{100}^{(22)}m_{010}^{(22)}m_{020}^{(10)}m_{300}^{(21)}$$
$$+m_{100}^{(22)}m_{010}^{(22)}m_{020}^{(10)}m_{210}^{(20)}-m_{100}^{(22)}m_{010}^{(22)}m_{020}^{(11)}m_{300}^{(20)}-2m_{100}^{(22)}m_{010}^{(22)}m_{020}^{(20)}m_{210}^{(10)}$$
$$+2m_{100}^{(22)}m_{010}^{(22)}m_{020}^{(21)}m_{300}^{(10)}+m_{100}^{(22)}m_{001}^{(00)}m_{200}^{(11)}m_{021}^{(21)}-m_{100}^{(22)}m_{001}^{(00)}m_{200}^{(21)}m_{021}^{(21)}$$
$$-m_{100}^{(22)}m_{001}^{(00)}m_{200}^{(21)}m_{021}^{(11)}+m_{100}^{(22)}m_{001}^{(00)}m_{200}^{(22)}m_{030}^{(11)}-2m_{100}^{(22)}m_{001}^{(00)}m_{110}^{(11)}m_{111}^{(21)}$$
$$+2m_{100}^{(22)}m_{001}^{(00)}m_{110}^{(21)}m_{120}^{(21)}+2m_{100}^{(22)}m_{001}^{(00)}m_{110}^{(21)}m_{111}^{(11)}-2m_{100}^{(22)}m_{001}^{(00)}m_{110}^{(22)}m_{120}^{(11)}$$
$$-m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(11)}m_{012}^{(21)}+m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(10)}m_{102}^{(11)}+m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(10)}m_{012}^{(10)}$$
$$+m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(11)}m_{201}^{(21)}-m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(11)}m_{102}^{(10)}-m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(21)}m_{210}^{(21)}$$
$$-m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(21)}m_{201}^{(11)}+m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(22)}m_{210}^{(11)}+2m_{100}^{(22)}m_{001}^{(00)}m_{011}^{(00)}m_{021}^{(11)}$$

$$
\begin{aligned}
&-2m_{100}^{(22)}m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(11)} - 2m_{100}^{(22)}m_{001}^{(00)}m_{011}^{(10)}m_{021}^{(10)} + 2m_{100}^{(22)}m_{001}^{(00)}m_{011}^{(11)}m_{111}^{(10)}\\
&-m_{100}^{(22)}m_{001}^{(00)}m_{002}^{(00)}m_{030}^{(11)} + m_{100}^{(22)}m_{001}^{(00)}m_{002}^{(10)}m_{120}^{(11)} + m_{100}^{(22)}m_{001}^{(00)}m_{002}^{(10)}m_{030}^{(10)}\\
&-m_{100}^{(22)}m_{001}^{(00)}m_{002}^{(11)}m_{120}^{(10)} - m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(10)}m_{021}^{(21)} - m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(11)}m_{021}^{(20)}\\
&+m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(20)}m_{021}^{(11)} + m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(21)}m_{120}^{(11)} + m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(21)}m_{030}^{(20)}\\
&+m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(10)} - m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(22)}m_{120}^{(11)} - m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(22)}m_{030}^{(10)}\\
&+2m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(00)}m_{012}^{(11)} + 2m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{111}^{(21)} - 2m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(11)}\\
&-2m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(10)} + 2m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(11)}m_{111}^{(20)} + 2m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(11)}m_{102}^{(10)}\\
&-2m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(11)} - 2m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(21)}m_{210}^{(21)} - 2m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(21)}m_{120}^{(20)}\\
&-2m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(10)} + 2m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(22)}m_{210}^{(11)} + 2m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(22)}m_{120}^{(10)}\\
&-2m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(00)}m_{021}^{(11)} + 2m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(11)} + 2m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(10)}\\
&-2m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(10)} - m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(10)}m_{201}^{(21)} - m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(11)}m_{201}^{(20)}\\
&+m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(20)}m_{201}^{(11)} + m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(21)}m_{300}^{(21)} + m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(21)}m_{210}^{(20)}\\
&+m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(21)}m_{201}^{(10)} - m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(22)}m_{300}^{(11)} - m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(22)}m_{210}^{(10)}\\
&-2m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(00)}m_{111}^{(11)} + 2m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(11)} + 2m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(10)}\\
&-2m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(11)}m_{201}^{(10)} + 2m_{100}^{(22)}m_{001}^{(10)}m_{001}^{(00)}m_{120}^{(11)} - 2m_{100}^{(22)}m_{001}^{(10)}m_{002}^{(10)}m_{210}^{(11)}\\
&-2m_{100}^{(22)}m_{001}^{(10)}m_{002}^{(10)}m_{120}^{(10)} + 2m_{100}^{(22)}m_{001}^{(10)}m_{002}^{(11)}m_{210}^{(10)} - m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(00)}m_{012}^{(11)}\\
&+m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(10)}m_{102}^{(11)} + m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(10)}m_{021}^{(20)} + m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(10)}\\
&-m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(11)}m_{102}^{(10)} - m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(20)}m_{021}^{(10)} - m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(21)}m_{120}^{(20)}\\
&+m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(22)}m_{120}^{(10)} - 2m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(10)}m_{111}^{(20)} + 2m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(10)}\\
&+2m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(21)}m_{210}^{(20)} - 2m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(22)}m_{210}^{(10)} + 2m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(00)}m_{111}^{(11)}\\
&-2m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(11)} - 2m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(10)} + 2m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(11)}m_{201}^{(10)}\\
&+m_{100}^{(22)}m_{001}^{(11)}m_{020}^{(10)}m_{201}^{(20)} - m_{100}^{(22)}m_{001}^{(11)}m_{020}^{(20)}m_{201}^{(10)} - m_{100}^{(22)}m_{001}^{(11)}m_{020}^{(21)}m_{300}^{(20)}\\
&+m_{100}^{(22)}m_{001}^{(11)}m_{020}^{(22)}m_{300}^{(10)} - m_{100}^{(22)}m_{001}^{(11)}m_{002}^{(00)}m_{210}^{(11)} + m_{100}^{(22)}m_{001}^{(11)}m_{002}^{(10)}m_{300}^{(11)}\\
&+m_{100}^{(22)}m_{001}^{(11)}m_{002}^{(10)}m_{210}^{(10)} - m_{100}^{(22)}m_{001}^{(11)}m_{002}^{(11)}m_{300}^{(10)} + m_{100}^{(22)}m_{001}^{(20)}m_{200}^{(10)}m_{030}^{(21)}\\
&-m_{100}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{120}^{(21)} - m_{100}^{(22)}m_{001}^{(20)}m_{200}^{(20)}m_{030}^{(11)} + m_{100}^{(22)}m_{001}^{(20)}m_{200}^{(21)}m_{120}^{(11)}\\
&-2m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(00)}m_{021}^{(11)} - 2m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{120}^{(21)} + 2m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(11)}\\
&+2m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(10)} + 2m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{210}^{(21)} - 2m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(10)}\\
&+2m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(11)} - 2m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(11)} + 2m_{100}^{(22)}m_{001}^{(20)}m_{001}^{(00)}m_{030}^{(11)}\\
&-2m_{100}^{(22)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(11)} - 2m_{100}^{(22)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(10)} + 2m_{100}^{(22)}m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(10)}\\
&+2m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(11)} + m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{210}^{(21)} - 2m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(11)}\\
&-2m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(10)} - m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(11)}m_{300}^{(21)} + 2m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(10)}\\
&-m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(11)} + m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(21)}m_{300}^{(11)} - 2m_{100}^{(22)}m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(11)}\\
&+2m_{100}^{(22)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(11)} + 2m_{100}^{(22)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(10)} - 2m_{100}^{(22)}m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(10)}\\
&+2m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(11)} - 2m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(11)} - m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{030}^{(20)}\\
&-2m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(10)} + m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{120}^{(20)} + 2m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(10)}\\
&+m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(20)}m_{030}^{(10)} - m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(10)} - 2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(11)}\\
&+2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(11)} + 2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{120}^{(20)} + 2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(10)}\\
&-2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(11)}m_{210}^{(20)} - 2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(10)} - 2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(10)}
\end{aligned}
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\begin{aligned}
&+2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(10)} - 2m_{100}^{(22)}m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(11)} + 2m_{100}^{(22)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(11)}\\
&+2m_{100}^{(22)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(10)} - 2m_{100}^{(22)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(10)} - m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(10)}m_{210}^{(20)}\\
&+m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(11)}m_{300}^{(20)} + m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(10)} - m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(21)}m_{300}^{(10)}\\
&+2m_{100}^{(22)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(11)} - 2m_{100}^{(22)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(11)} - 2m_{100}^{(22)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(10)}\\
&+2m_{100}^{(22)}m_{001}^{(21)}m_{011}^{(11)}m_{300}^{(10)} - m_{100}^{(22)}m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(11)} + m_{100}^{(22)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(11)}\\
&+m_{100}^{(22)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(10)} - m_{100}^{(22)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(10)} + 2m_{100}^{(22)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(11)}\\
&-2m_{100}^{(22)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(11)} - 2m_{100}^{(22)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(10)} + 2m_{100}^{(22)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(10)}\\
&-m_{100}^{(22)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(11)} + m_{100}^{(22)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(11)} + m_{100}^{(22)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(10)}\\
&-m_{100}^{(22)}m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(10)} + (m_{010}^{(00)})^2m_{020}^{(10)}m_{003}^{(22)} - (m_{010}^{(00)})^2m_{020}^{(20)}m_{012}^{(22)}\\
&-(m_{010}^{(00)})^2m_{020}^{(21)}m_{003}^{(20)} + (m_{010}^{(00)})^2m_{020}^{(22)}m_{012}^{(20)} - 2(m_{010}^{(00)})^2m_{011}^{(10)}m_{012}^{(22)}\\
&+2(m_{010}^{(00)})^2m_{011}^{(20)}m_{021}^{(22)} + 2(m_{010}^{(00)})^2m_{011}^{(21)}m_{012}^{(20)} - 2(m_{010}^{(00)})^2m_{011}^{(22)}m_{021}^{(20)}\\
&+(m_{010}^{(00)})^2m_{002}^{(10)}m_{021}^{(22)} - (m_{010}^{(00)})^2m_{002}^{(20)}m_{030}^{(22)} - (m_{010}^{(00)})^2m_{002}^{(21)}m_{021}^{(20)}\\
&+(m_{010}^{(00)})^2m_{002}^{(22)}m_{030}^{(20)} - 2m_{010}^{(00)}m_{010}^{(10)}m_{110}^{(10)}m_{003}^{(22)} + 2m_{010}^{(00)}m_{010}^{(10)}m_{110}^{(20)}m_{012}^{(22)}\\
&+2m_{010}^{(00)}m_{010}^{(10)}m_{110}^{(21)}m_{003}^{(20)} - 2m_{010}^{(00)}m_{010}^{(10)}m_{110}^{(22)}m_{012}^{(20)} + 2m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(10)}m_{012}^{(22)}\\
&-2m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(20)}m_{021}^{(22)} - 2m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(21)}m_{012}^{(20)} + 2m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(22)}m_{021}^{(20)}\\
&-m_{010}^{(00)}m_{010}^{(10)}m_{020}^{(00)}m_{003}^{(22)} + m_{010}^{(00)}m_{010}^{(10)}m_{020}^{(20)}m_{102}^{(22)} + m_{010}^{(00)}m_{010}^{(10)}m_{020}^{(20)}m_{003}^{(20)}\\
&-m_{010}^{(00)}m_{010}^{(10)}m_{020}^{(22)}m_{102}^{(20)} + 2m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(00)}m_{012}^{(22)} + 2m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(10)}m_{102}^{(22)}\\
&-4m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(20)}m_{111}^{(22)} - 2m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(20)}m_{012}^{(20)} - 2m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{102}^{(20)}\\
&+4m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(22)}m_{111}^{(20)} - m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(00)}m_{021}^{(22)} - 2m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(10)}m_{111}^{(22)}\\
&+3m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(20)}m_{120}^{(22)} + m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(20)}m_{021}^{(20)} + 2m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(21)}m_{111}^{(20)}\\
&-3m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(22)}m_{120}^{(20)} + m_{010}^{(00)}m_{010}^{(11)}m_{200}^{(10)}m_{003}^{(22)} - m_{010}^{(00)}m_{010}^{(11)}m_{200}^{(20)}m_{012}^{(22)}\\
&-m_{010}^{(00)}m_{010}^{(11)}m_{200}^{(21)}m_{003}^{(20)} + m_{010}^{(00)}m_{010}^{(11)}m_{200}^{(22)}m_{012}^{(20)} - 2m_{010}^{(00)}m_{010}^{(11)}m_{101}^{(10)}m_{102}^{(22)}\\
&+2m_{010}^{(00)}m_{010}^{(11)}m_{101}^{(20)}m_{111}^{(22)} + 2m_{010}^{(00)}m_{010}^{(11)}m_{101}^{(21)}m_{102}^{(20)} - 2m_{010}^{(00)}m_{010}^{(11)}m_{101}^{(22)}m_{111}^{(20)}\\
&+m_{010}^{(00)}m_{010}^{(11)}m_{002}^{(10)}m_{201}^{(22)} - m_{010}^{(00)}m_{010}^{(11)}m_{002}^{(20)}m_{210}^{(22)} - m_{010}^{(00)}m_{010}^{(11)}m_{002}^{(21)}m_{201}^{(20)}\\
&+m_{010}^{(00)}m_{010}^{(11)}m_{002}^{(22)}m_{210}^{(20)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(10)}m_{012}^{(22)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(20)}m_{021}^{(22)}\\
&-2m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{012}^{(20)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(22)}m_{021}^{(20)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(10)}m_{021}^{(22)}\\
&+2m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(20)}m_{030}^{(22)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(21)}m_{021}^{(20)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(22)}m_{030}^{(20)}\\
&+m_{010}^{(00)}m_{010}^{(20)}m_{020}^{(00)}m_{012}^{(22)} - 3m_{010}^{(00)}m_{010}^{(20)}m_{020}^{(10)}m_{102}^{(22)} - m_{010}^{(00)}m_{010}^{(20)}m_{020}^{(10)}m_{003}^{(20)}\\
&+2m_{010}^{(00)}m_{010}^{(20)}m_{020}^{(20)}m_{111}^{(22)} + 3m_{010}^{(00)}m_{010}^{(20)}m_{020}^{(21)}m_{102}^{(20)} + m_{010}^{(00)}m_{010}^{(20)}m_{020}^{(21)}m_{003}^{(00)}\\
&-2m_{010}^{(00)}m_{010}^{(20)}m_{020}^{(22)}m_{111}^{(20)} - m_{010}^{(00)}m_{010}^{(20)}m_{020}^{(22)}m_{012}^{(00)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(00)}m_{021}^{(22)}\\
&+4m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(22)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(10)}m_{012}^{(20)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(20)}m_{120}^{(22)}\\
&-4m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(20)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{012}^{(00)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(22)}m_{120}^{(20)}\\
&+2m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(22)}m_{021}^{(00)} + m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(00)}m_{030}^{(22)} - m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(10)}m_{120}^{(22)}\\
&-m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(10)}m_{021}^{(20)} + m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{120}^{(20)} + m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{021}^{(00)}\\
&-m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(22)}m_{030}^{(00)} - 2m_{010}^{(00)}m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(22)} + 2m_{010}^{(00)}m_{010}^{(21)}m_{200}^{(20)}m_{021}^{(22)}\\
&+2m_{010}^{(00)}m_{010}^{(21)}m_{200}^{(21)}m_{012}^{(20)} - 2m_{010}^{(00)}m_{010}^{(21)}m_{200}^{(22)}m_{021}^{(20)} + 2m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(10)}m_{102}^{(22)}\\
&-2m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(22)} - 2m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(21)}m_{102}^{(20)} + 2m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(22)}m_{111}^{(20)}\\
&+2m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(22)} - 2m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(22)} - 2m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(20)}
\end{aligned}
$$

$$+2m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(22)}m_{120}^{(20)}+m_{010}^{(00)}m_{010}^{(21)}m_{020}^{(00)}m_{003}^{(20)}-m_{010}^{(00)}m_{010}^{(21)}m_{020}^{(20)}m_{102}^{(20)}$$
$$-m_{010}^{(00)}m_{010}^{(21)}m_{020}^{(20)}m_{003}^{(00)}+m_{010}^{(00)}m_{010}^{(21)}m_{020}^{(22)}m_{102}^{(00)}-2m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(00)}m_{012}^{(20)}$$
$$-2m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(22)}+2m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(22)}+2m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{111}^{(20)}$$
$$+2m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{012}^{(00)}+2m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(20)}-2m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{210}^{(20)}$$
$$-2m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{111}^{(00)}+m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(00)}m_{021}^{(20)}-m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(20)}m_{120}^{(20)}$$
$$-m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(20)}m_{021}^{(00)}+m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(22)}m_{120}^{(00)}+m_{010}^{(00)}m_{010}^{(22)}m_{200}^{(10)}m_{021}^{(22)}$$
$$-m_{010}^{(00)}m_{010}^{(22)}m_{200}^{(20)}m_{030}^{(22)}-m_{010}^{(00)}m_{010}^{(22)}m_{200}^{(21)}m_{021}^{(20)}+m_{010}^{(00)}m_{010}^{(22)}m_{200}^{(22)}m_{030}^{(20)}$$
$$-2m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(22)}+2m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(20)}m_{120}^{(22)}+2m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(20)}$$
$$-2m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(22)}m_{120}^{(20)}-m_{010}^{(00)}m_{010}^{(22)}m_{020}^{(00)}m_{012}^{(20)}+m_{010}^{(00)}m_{010}^{(22)}m_{020}^{(10)}m_{201}^{(22)}$$
$$+m_{010}^{(00)}m_{010}^{(22)}m_{020}^{(10)}m_{102}^{(20)}-m_{010}^{(00)}m_{010}^{(22)}m_{020}^{(20)}m_{210}^{(22)}+m_{010}^{(00)}m_{010}^{(22)}m_{020}^{(20)}m_{012}^{(00)}$$
$$-m_{010}^{(00)}m_{010}^{(22)}m_{020}^{(21)}m_{201}^{(20)}-m_{010}^{(00)}m_{010}^{(22)}m_{020}^{(21)}m_{102}^{(00)}+m_{010}^{(00)}m_{010}^{(22)}m_{020}^{(22)}m_{210}^{(20)}$$
$$+2m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(00)}m_{021}^{(20)}-2m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(10)}m_{111}^{(20)}-2m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(20)}m_{021}^{(00)}$$
$$+2m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{111}^{(00)}-m_{010}^{(00)}m_{010}^{(22)}m_{002}^{(00)}m_{030}^{(20)}+m_{010}^{(00)}m_{010}^{(22)}m_{002}^{(10)}m_{120}^{(20)}$$
$$+m_{010}^{(00)}m_{010}^{(22)}m_{002}^{(20)}m_{030}^{(00)}-m_{010}^{(00)}m_{010}^{(22)}m_{002}^{(21)}m_{120}^{(00)}-2m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(10)}m_{003}^{(21)}$$
$$+m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(11)}m_{003}^{(20)}+2m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(20)}m_{012}^{(21)}-m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(21)}m_{012}^{(20)}$$
$$+m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(21)}m_{003}^{(10)}-m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(22)}m_{012}^{(10)}+4m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(21)}$$
$$-2m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(11)}m_{012}^{(20)}-4m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(21)}+2m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(21)}m_{021}^{(20)}$$
$$-2m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(21)}m_{012}^{(10)}+2m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(22)}m_{021}^{(10)}-2m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(10)}m_{021}^{(21)}$$
$$+m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(11)}m_{021}^{(20)}+2m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(20)}m_{030}^{(21)}-m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(21)}m_{030}^{(20)}$$
$$+m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(21)}m_{021}^{(10)}-m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(22)}m_{030}^{(10)}+2m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(10)}m_{003}^{(21)}$$
$$-2m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(11)}m_{003}^{(20)}-2m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(21)}+2m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(20)}$$
$$-2m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(21)}+2m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(11)}m_{012}^{(20)}+2m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(21)}$$
$$-2m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(20)}+m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(00)}m_{003}^{(21)}+m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(10)}m_{003}^{(20)}$$
$$-m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(21)}-m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{012}^{(20)}-m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{003}^{(10)}$$
$$-m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{003}^{(00)}+m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{102}^{(10)}+m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{012}^{(00)}$$
$$-2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(00)}m_{012}^{(21)}-2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(21)}-2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{012}^{(20)}$$
$$+2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{102}^{(20)}+4m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(21)}+2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{021}^{(20)}$$
$$+2m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(10)}m_{012}^{(20)}-2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(20)}+2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{012}^{(00)}$$
$$-2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{111}^{(10)}-2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{021}^{(00)}+m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(00)}m_{021}^{(21)}$$
$$+2m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(21)}+m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{021}^{(20)}-2m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{111}^{(20)}$$
$$-3m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(21)}-m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(20)}m_{030}^{(20)}-m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(20)}m_{021}^{(10)}$$
$$+2m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{120}^{(20)}-m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{021}^{(00)}+m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(22)}m_{120}^{(10)}$$
$$+m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(22)}m_{030}^{(00)}-m_{010}^{(00)}m_{001}^{(11)}m_{200}^{(10)}m_{003}^{(21)}+m_{010}^{(00)}m_{001}^{(11)}m_{200}^{(11)}m_{003}^{(20)}$$
$$+m_{010}^{(00)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(21)}-m_{010}^{(00)}m_{001}^{(11)}m_{200}^{(21)}m_{012}^{(20)}+2m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(21)}$$
$$-2m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(11)}m_{102}^{(20)}-2m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(21)}+2m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(20)}$$
$$-m_{010}^{(00)}m_{001}^{(11)}m_{020}^{(00)}m_{003}^{(20)}+m_{010}^{(00)}m_{001}^{(11)}m_{020}^{(20)}m_{102}^{(20)}+m_{010}^{(00)}m_{001}^{(11)}m_{020}^{(20)}m_{003}^{(00)}$$
$$-m_{010}^{(00)}m_{001}^{(11)}m_{020}^{(22)}m_{102}^{(00)}+2m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(00)}m_{012}^{(20)}-2m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(20)}$$
$$-2m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{012}^{(00)}+2m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(22)}m_{111}^{(00)}-m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(00)}m_{021}^{(20)}$$

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\begin{aligned}
&-m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(10)}m_{201}^{(21)}+m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(11)}m_{201}^{(20)}+m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(20)}m_{120}^{(20)}+m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(20)}m_{021}^{(00)}-m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{210}^{(20)}\\
&-m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(22)}m_{120}^{(00)}-2m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(21)}+2m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(11)}m_{012}^{(20)}\\
&+2m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(21)}-2m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(20)}+2m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(21)}\\
&-2m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{021}^{(20)}-2m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(21)}+2m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{030}^{(20)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(00)}m_{012}^{(21)}+3m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(21)}-2m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{102}^{(20)}\\
&-2m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(21)}+m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{012}^{(10)}+2m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(20)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{102}^{(10)}+2m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(00)}m_{021}^{(21)}-4m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(21)}\\
&+2m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{111}^{(20)}+2m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(21)}-2m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{021}^{(10)}\\
&-2m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(20)}+2m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{111}^{(10)}-m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(00)}m_{030}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(10)}m_{120}^{(21)}+m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(20)}m_{030}^{(10)}-m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(21)}m_{120}^{(10)}\\
&+2m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(21)}-2m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(11)}m_{012}^{(20)}-2m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(21)}\\
&+2m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(20)}-2m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(21)}+2m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(11)}m_{102}^{(20)}\\
&+2m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(21)}-2m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(20)}-2m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(21)}\\
&+2m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{111}^{(20)}+2m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(21)}-2m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(20)}\\
&+m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(00)}m_{012}^{(20)}-m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{102}^{(20)}-m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{012}^{(00)}\\
&+m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{102}^{(00)}-2m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(00)}m_{021}^{(20)}+2m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(21)}\\
&+2m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(20)}-2m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{201}^{(20)}-2m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(21)}\\
&+2m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{021}^{(00)}+2m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(20)}-2m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{111}^{(00)}\\
&+m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(00)}m_{030}^{(20)}-m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(10)}m_{120}^{(20)}-m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(20)}m_{030}^{(00)}\\
&+m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(21)}m_{120}^{(00)}-m_{010}^{(00)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(21)}+m_{010}^{(00)}m_{001}^{(22)}m_{200}^{(11)}m_{021}^{(20)}\\
&+m_{010}^{(00)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(21)}-m_{010}^{(00)}m_{001}^{(22)}m_{200}^{(21)}m_{030}^{(20)}+2m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(21)}\\
&-2m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(11)}m_{111}^{(20)}-2m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(21)}+2m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(21)}m_{120}^{(20)}\\
&-m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(21)}+m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(11)}m_{201}^{(20)}+m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(21)}m_{210}^{(20)}+2(m_{010}^{(10)})^2m_{110}^{(00)}m_{003}^{(22)}-2(m_{010}^{(10)})^2m_{110}^{(20)}m_{102}^{(22)}\\
&-2(m_{010}^{(10)})^2m_{110}^{(20)}m_{003}^{(20)}+2(m_{010}^{(10)})^2m_{110}^{(22)}m_{102}^{(20)}-2(m_{010}^{(10)})^2m_{101}^{(00)}m_{012}^{(22)}\\
&+2(m_{010}^{(10)})^2m_{101}^{(20)}m_{111}^{(22)}+2(m_{010}^{(10)})^2m_{101}^{(20)}m_{012}^{(20)}-2(m_{010}^{(10)})^2m_{101}^{(22)}m_{111}^{(20)}\\
&-2(m_{010}^{(10)})^2m_{011}^{(00)}m_{102}^{(22)}+2(m_{010}^{(10)})^2m_{011}^{(20)}m_{201}^{(22)}+2(m_{010}^{(10)})^2m_{011}^{(20)}m_{102}^{(20)}\\
&-2(m_{010}^{(10)})^2m_{011}^{(22)}m_{201}^{(20)}+2(m_{010}^{(10)})^2m_{002}^{(00)}m_{111}^{(22)}-2(m_{010}^{(10)})^2m_{002}^{(20)}m_{210}^{(22)}\\
&-2(m_{010}^{(10)})^2m_{002}^{(20)}m_{111}^{(20)}+2(m_{010}^{(10)})^2m_{002}^{(22)}m_{210}^{(20)}-m_{010}^{(10)}m_{010}^{(11)}m_{200}^{(00)}m_{003}^{(22)}\\
&+m_{010}^{(10)}m_{010}^{(11)}m_{200}^{(20)}m_{102}^{(22)}+m_{010}^{(10)}m_{010}^{(11)}m_{200}^{(20)}m_{003}^{(20)}-m_{010}^{(10)}m_{010}^{(11)}m_{200}^{(22)}m_{102}^{(20)}\\
&+2m_{010}^{(10)}m_{010}^{(11)}m_{101}^{(00)}m_{102}^{(22)}-2m_{010}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{201}^{(22)}-2m_{010}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{102}^{(20)}\\
&+2m_{010}^{(10)}m_{010}^{(11)}m_{101}^{(22)}m_{201}^{(20)}-m_{010}^{(10)}m_{010}^{(11)}m_{002}^{(00)}m_{201}^{(22)}+m_{010}^{(10)}m_{010}^{(11)}m_{002}^{(20)}m_{300}^{(22)}\\
&+m_{010}^{(10)}m_{010}^{(11)}m_{002}^{(20)}m_{201}^{(20)}-m_{010}^{(10)}m_{010}^{(11)}m_{002}^{(22)}m_{300}^{(20)}-4m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(00)}m_{012}^{(22)}\\
&+2m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(10)}m_{102}^{(22)}+2m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(10)}m_{003}^{(20)}+2m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{111}^{(22)}\\
&+2m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(20)}-2m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{102}^{(20)}-2m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{003}^{(00)}\\
&-2m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{111}^{(20)}+2m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{012}^{(00)}+4m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(00)}m_{021}^{(22)}\\
&-2m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{111}^{(22)}-2m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{012}^{(20)}-2m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(20)}m_{120}^{(22)}
\end{aligned}
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\begin{aligned}
&-2m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(20)}m_{021}^{(20)} + 2m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(20)} + 2m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{012}^{(00)}\\
&+2m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{120}^{(20)} - 2m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{021}^{(00)} + 2m_{010}^{(10)}m_{010}^{(20)}m_{020}^{(00)}m_{102}^{(22)}\\
&-2m_{010}^{(10)}m_{010}^{(20)}m_{020}^{(20)}m_{201}^{(22)} - 2m_{010}^{(10)}m_{010}^{(20)}m_{020}^{(20)}m_{102}^{(20)} + 2m_{010}^{(10)}m_{010}^{(20)}m_{020}^{(22)}m_{201}^{(20)}\\
&-2m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{201}^{(22)} - 2m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{102}^{(20)} + 2m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{210}^{(22)}\\
&+2m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(20)} + 2m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{201}^{(20)} + 2m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{102}^{(00)}\\
&-2m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{210}^{(20)} - 2m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{111}^{(00)} - 2m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(00)}m_{120}^{(22)}\\
&+2m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{210}^{(22)} + 2m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{111}^{(20)} - 2m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{210}^{(20)}\\
&-2m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{111}^{(00)} + 2m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(22)}m_{120}^{(00)} + 2m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(00)}m_{012}^{(22)}\\
&-2m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(20)}m_{111}^{(22)} - 2m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(20)} + 2m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{111}^{(20)}\\
&-2m_{010}^{(10)}m_{010}^{(21)}m_{110}^{(00)}m_{102}^{(22)} - 2m_{010}^{(10)}m_{010}^{(21)}m_{110}^{(00)}m_{003}^{(20)} + 2m_{010}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{201}^{(22)}\\
&+4m_{010}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(20)} + 2m_{010}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{003}^{(00)} - 2m_{010}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{201}^{(20)}\\
&-2m_{010}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{102}^{(00)} - 2m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(00)}m_{111}^{(22)} + 2m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(00)}m_{012}^{(20)}\\
&+2m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{210}^{(22)} - 2m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{012}^{(00)} - 2m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{210}^{(20)}\\
&+2m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{111}^{(00)} + 2m_{010}^{(10)}m_{010}^{(21)}m_{011}^{(00)}m_{201}^{(22)} + 2m_{010}^{(10)}m_{010}^{(21)}m_{011}^{(00)}m_{102}^{(20)}\\
&-2m_{010}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{300}^{(22)} - 4m_{010}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(20)} - 2m_{010}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{102}^{(00)}\\
&+2m_{010}^{(10)}m_{010}^{(21)}m_{011}^{(22)}m_{300}^{(20)} + 2m_{010}^{(10)}m_{010}^{(21)}m_{011}^{(22)}m_{201}^{(00)} - 2m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(00)}m_{111}^{(20)}\\
&+2m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{210}^{(20)} + 2m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{111}^{(00)} - 2m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(22)}m_{210}^{(00)}\\
&-m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(00)}m_{021}^{(22)} + m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(20)}m_{120}^{(22)} + m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(20)}\\
&-m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(22)}m_{120}^{(20)} + 2m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(00)}m_{111}^{(22)} + 2m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(00)}m_{012}^{(20)}\\
&-2m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{102}^{(20)} - 2m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{210}^{(22)} - 2m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(20)}\\
&-2m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{012}^{(00)} + 2m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{102}^{(00)} + 2m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(22)}m_{210}^{(20)}\\
&-2m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(00)}m_{021}^{(20)} + 2m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(20)} + 2m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{021}^{(00)}\\
&-2m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{111}^{(00)} - m_{010}^{(10)}m_{010}^{(22)}m_{020}^{(00)}m_{201}^{(22)} + m_{010}^{(10)}m_{010}^{(22)}m_{020}^{(20)}m_{300}^{(22)}\\
&+m_{010}^{(10)}m_{010}^{(22)}m_{020}^{(20)}m_{201}^{(20)} - m_{010}^{(10)}m_{010}^{(22)}m_{020}^{(22)}m_{300}^{(20)} - 2m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{111}^{(20)}\\
&+2m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{201}^{(20)} + 2m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{111}^{(00)} - 2m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(21)}m_{201}^{(00)}\\
&+2m_{010}^{(10)}m_{010}^{(22)}m_{002}^{(00)}m_{120}^{(20)} - 2m_{010}^{(10)}m_{010}^{(22)}m_{002}^{(10)}m_{210}^{(20)} - 2m_{010}^{(10)}m_{010}^{(22)}m_{002}^{(20)}m_{120}^{(00)}\\
&+2m_{010}^{(10)}m_{010}^{(22)}m_{002}^{(21)}m_{210}^{(00)} + 2m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(10)}m_{003}^{(21)} - 2m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(20)}m_{012}^{(21)}\\
&-2m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{003}^{(10)} + 2m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(22)}m_{012}^{(10)} - 2m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(10)}m_{012}^{(21)}\\
&+2m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(20)}m_{021}^{(21)} + 2m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{012}^{(10)} - 2m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(22)}m_{021}^{(10)}\\
&+m_{010}^{(10)}m_{001}^{(00)}m_{020}^{(00)}m_{003}^{(21)} - m_{010}^{(10)}m_{001}^{(00)}m_{020}^{(10)}m_{003}^{(20)} - m_{010}^{(10)}m_{001}^{(00)}m_{020}^{(20)}m_{102}^{(21)}\\
&+m_{010}^{(10)}m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(20)} - 2m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(00)}m_{012}^{(21)} - 2m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{102}^{(21)}\\
&+2m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(20)} + 4m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(21)} - 2m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(20)}\\
&+2m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{102}^{(10)} - 2m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(22)}m_{111}^{(10)} + m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(00)}m_{021}^{(21)}\\
&+2m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{111}^{(21)} - m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{021}^{(20)} - 3m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(20)}m_{120}^{(21)}\\
&+m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{120}^{(20)} - 2m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{111}^{(10)} + 2m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(22)}m_{120}^{(10)}\\
&-4m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(00)}m_{003}^{(21)} + 4m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{102}^{(21)} + 2m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(20)}\\
&+2m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{003}^{(10)} - 2m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(20)} + 2m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{003}^{(00)}\\
&-2m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{102}^{(10)} - 2m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{012}^{(00)} + 4m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(00)}m_{012}^{(21)}
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\begin{aligned}
&-4m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(21)} - 2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(20)} - 2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{012}^{(10)}\\
&+2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(20)} - 2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{012}^{(00)} + 2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{111}^{(10)}\\
&+2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{021}^{(00)} + 4m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{102}^{(21)} - 4m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(21)}\\
&-2m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(20)} - 2m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{102}^{(10)} + 2m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{102}^{(00)} + 2m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{201}^{(10)} + 2m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{111}^{(00)}\\
&-4m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(00)}m_{111}^{(21)} + 4m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{210}^{(21)} + 2m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(20)}\\
&+2m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{111}^{(10)} - 2m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{210}^{(20)} + 2m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{111}^{(00)}\\
&-2m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(22)}m_{210}^{(10)} - 2m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(22)}m_{120}^{(00)} + m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(00)}m_{003}^{(21)}\\
&-m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(10)}m_{003}^{(20)} - m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{102}^{(21)} + m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(20)}\\
&+2m_{010}^{(10)}m_{001}^{(11)}m_{110}^{(00)}m_{003}^{(20)} - 2m_{010}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(20)} - 2m_{010}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{003}^{(00)}\\
&+2m_{010}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{102}^{(00)} - 2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{102}^{(21)} - 2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{012}^{(20)}\\
&+2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(20)} + 2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{201}^{(21)} + 2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(20)}\\
&+2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{012}^{(00)} - 2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(20)} - 2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{111}^{(00)}\\
&-2m_{010}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{102}^{(20)} + 2m_{010}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(20)} + 2m_{010}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{102}^{(00)}\\
&-2m_{010}^{(10)}m_{001}^{(11)}m_{011}^{(22)}m_{201}^{(00)} + m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(00)}m_{201}^{(21)} + 2m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(00)}m_{111}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{201}^{(20)} - m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{300}^{(21)} - 2m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{111}^{(00)} + m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(21)}m_{300}^{(20)} + 2m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(22)}m_{210}^{(00)}\\
&+4m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(00)}m_{012}^{(21)} - 2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{102}^{(21)} - 2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(21)} - 2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{012}^{(10)} + 2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(20)}\\
&+2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{102}^{(10)} - 4m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(00)}m_{021}^{(21)} + 2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(21)}\\
&+2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(20)} + 2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(21)} + 2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{021}^{(10)}\\
&-2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(20)} - 2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{111}^{(10)} - 2m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{102}^{(21)}\\
&+2m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(20)} + 2m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{201}^{(21)} - 2m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(20)}\\
&+2m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(21)} - 2m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(20)} - 2m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(21)}\\
&+2m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{111}^{(10)} + 2m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(20)} - 2m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{201}^{(10)}\\
&+2m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(00)}m_{120}^{(21)} - 2m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{210}^{(21)} - 2m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(20)}m_{120}^{(10)}\\
&+2m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(21)}m_{210}^{(10)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(00)}m_{012}^{(21)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(20)}\\
&+2m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(21)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(20)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{102}^{(21)}\\
&-2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{012}^{(20)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(21)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{012}^{(00)}\\
&+2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(20)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{102}^{(00)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(21)}\\
&+2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{021}^{(20)} - 4m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(20)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(21)}\\
&-2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{021}^{(00)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(20)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{111}^{(00)}\\
&-2m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{201}^{(21)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(21)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(21)}\\
&-2m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{111}^{(00)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(20)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{201}^{(00)}\\
&-2m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(00)}m_{120}^{(20)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{210}^{(20)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(20)}m_{120}^{(00)}\\
&-2m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(21)}m_{210}^{(00)} + m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(00)}m_{021}^{(21)} - m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(20)}m_{120}^{(21)} + m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(20)} - 2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{111}^{(21)}\\
&+2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(20)} + 2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{210}^{(21)} - 2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(20)}
\end{aligned}
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\begin{aligned}
&+m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{201}^{(21)} - m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(20)} - m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{300}^{(21)}\\
&+m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(20)} + m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(00)}m_{012}^{(22)} - m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(10)}m_{102}^{(22)}\\
&-m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(10)}m_{003}^{(20)} + m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(21)}m_{102}^{(20)} + m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(21)}m_{003}^{(00)}\\
&-m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(22)}m_{012}^{(00)} - 2m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(00)}m_{111}^{(22)} + 2m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(10)}m_{201}^{(22)}\\
&+2m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(10)}m_{102}^{(20)} - 2m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(21)}m_{201}^{(20)} - 2m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(21)}m_{102}^{(00)}\\
&+2m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(22)}m_{111}^{(00)} + m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(00)}m_{210}^{(22)} - m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(10)}m_{300}^{(22)}\\
&-m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(10)}m_{201}^{(20)} + m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(21)}m_{300}^{(20)} + m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(21)}m_{201}^{(00)}\\
&-m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(22)}m_{210}^{(00)} + m_{010}^{(11)}m_{010}^{(21)}m_{200}^{(00)}m_{003}^{(20)} - m_{010}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{102}^{(20)}\\
&-m_{010}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{003}^{(00)} + m_{010}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{102}^{(00)} - 2m_{010}^{(11)}m_{010}^{(21)}m_{101}^{(00)}m_{102}^{(20)}\\
&+2m_{010}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{201}^{(20)} + 2m_{010}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{102}^{(00)} - 2m_{010}^{(11)}m_{010}^{(21)}m_{101}^{(22)}m_{201}^{(00)}\\
&+m_{010}^{(11)}m_{010}^{(21)}m_{002}^{(00)}m_{201}^{(20)} - m_{010}^{(11)}m_{010}^{(21)}m_{002}^{(20)}m_{300}^{(20)} - m_{010}^{(11)}m_{010}^{(21)}m_{002}^{(20)}m_{201}^{(00)}\\
&+m_{010}^{(11)}m_{010}^{(21)}m_{002}^{(22)}m_{300}^{(00)} - m_{010}^{(11)}m_{010}^{(22)}m_{200}^{(00)}m_{012}^{(20)} + m_{010}^{(11)}m_{010}^{(22)}m_{200}^{(10)}m_{102}^{(20)}\\
&+m_{010}^{(11)}m_{010}^{(22)}m_{200}^{(20)}m_{012}^{(00)} - m_{010}^{(11)}m_{010}^{(22)}m_{200}^{(21)}m_{102}^{(00)} + 2m_{010}^{(11)}m_{010}^{(22)}m_{101}^{(00)}m_{111}^{(20)}\\
&-2m_{010}^{(11)}m_{010}^{(22)}m_{101}^{(10)}m_{201}^{(20)} - 2m_{010}^{(11)}m_{010}^{(22)}m_{101}^{(20)}m_{111}^{(00)} + 2m_{010}^{(11)}m_{010}^{(22)}m_{101}^{(21)}m_{201}^{(00)}\\
&-m_{010}^{(11)}m_{010}^{(22)}m_{002}^{(00)}m_{210}^{(20)} + m_{010}^{(11)}m_{010}^{(22)}m_{002}^{(10)}m_{300}^{(20)} + m_{010}^{(11)}m_{010}^{(22)}m_{002}^{(20)}m_{210}^{(00)}\\
&-m_{010}^{(11)}m_{010}^{(22)}m_{002}^{(21)}m_{300}^{(00)} - m_{010}^{(11)}m_{001}^{(00)}m_{200}^{(10)}m_{003}^{(21)} + m_{010}^{(11)}m_{001}^{(00)}m_{200}^{(20)}m_{012}^{(21)}\\
&+m_{010}^{(11)}m_{001}^{(00)}m_{200}^{(21)}m_{003}^{(10)} - m_{010}^{(11)}m_{001}^{(00)}m_{200}^{(22)}m_{012}^{(10)} + 2m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(10)}m_{102}^{(21)}\\
&-2m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{111}^{(21)} - 2m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(21)}m_{102}^{(10)} + 2m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(22)}m_{111}^{(10)}\\
&-m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(10)}m_{201}^{(21)} + m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(20)}m_{210}^{(21)} + m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(21)}m_{201}^{(10)}\\
&-m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(22)}m_{210}^{(10)} + m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(00)}m_{003}^{(21)} + m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(10)}m_{003}^{(20)}\\
&-m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{102}^{(21)} - m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{012}^{(20)} - m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{003}^{(10)}\\
&-m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(21)}m_{003}^{(00)} + m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{102}^{(10)} + m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{012}^{(00)}\\
&-2m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(00)}m_{102}^{(21)} - 2m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{102}^{(20)} + 2m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{201}^{(21)}\\
&+2m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(20)} + 2m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{102}^{(10)} + 2m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{102}^{(00)}\\
&-2m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{201}^{(10)} - 2m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{111}^{(00)} + m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(00)}m_{201}^{(21)}\\
&+m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{201}^{(20)} - m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{300}^{(21)} - m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{210}^{(20)}\\
&-m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{201}^{(10)} - m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(21)}m_{201}^{(00)} + m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(22)}m_{300}^{(10)}\\
&+m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(22)}m_{210}^{(00)} - m_{010}^{(11)}m_{001}^{(11)}m_{200}^{(00)}m_{003}^{(20)} + m_{010}^{(11)}m_{001}^{(11)}m_{200}^{(20)}m_{102}^{(20)}\\
&+m_{010}^{(11)}m_{001}^{(11)}m_{200}^{(20)}m_{003}^{(00)} - m_{010}^{(11)}m_{001}^{(11)}m_{200}^{(22)}m_{102}^{(00)} + 2m_{010}^{(11)}m_{001}^{(11)}m_{101}^{(00)}m_{102}^{(20)}\\
&-2m_{010}^{(11)}m_{001}^{(11)}m_{101}^{(20)}m_{201}^{(20)} - 2m_{010}^{(11)}m_{001}^{(11)}m_{101}^{(20)}m_{102}^{(00)} + 2m_{010}^{(11)}m_{001}^{(11)}m_{101}^{(22)}m_{201}^{(00)}\\
&-m_{010}^{(11)}m_{001}^{(11)}m_{002}^{(00)}m_{201}^{(20)} + m_{010}^{(11)}m_{001}^{(11)}m_{002}^{(20)}m_{300}^{(20)} + m_{010}^{(11)}m_{001}^{(11)}m_{002}^{(20)}m_{201}^{(00)}\\
&-m_{010}^{(11)}m_{001}^{(11)}m_{002}^{(22)}m_{300}^{(00)} - m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(00)}m_{012}^{(21)} + m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{102}^{(21)}\\
&+m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{012}^{(10)} - m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{102}^{(10)} + 2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{111}^{(21)}\\
&-2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{201}^{(21)} - 2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{111}^{(10)} + 2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{201}^{(10)}\\
&-m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(00)}m_{210}^{(21)} + m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(10)}m_{300}^{(21)} + m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(20)}m_{210}^{(10)}\\
&-m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(21)}m_{300}^{(10)} + m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{012}^{(20)} - m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{102}^{(20)}\\
&-m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{012}^{(00)} + m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{102}^{(00)} - 2m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(20)}\\
&+2m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{201}^{(20)} + 2m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{111}^{(00)} - 2m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{201}^{(00)}
\end{aligned}
$$

$$+m_{010}^{(11)}m_{001}^{(21)}m_{002}^{(00)}m_{210}^{(20)} - m_{010}^{(11)}m_{001}^{(21)}m_{002}^{(10)}m_{300}^{(20)} - m_{010}^{(11)}m_{001}^{(21)}m_{002}^{(20)}m_{210}^{(00)}$$
$$+m_{010}^{(11)}m_{001}^{(21)}m_{002}^{(21)}m_{300}^{(00)} + 2(m_{010}^{(20)})^2m_{110}^{(00)}m_{021}^{(22)} - 2(m_{010}^{(20)})^2m_{110}^{(10)}m_{111}^{(22)}$$
$$-2(m_{010}^{(20)})^2m_{110}^{(10)}m_{012}^{(20)} + 2(m_{010}^{(20)})^2m_{110}^{(21)}m_{111}^{(20)} + 2(m_{010}^{(20)})^2m_{110}^{(21)}m_{012}^{(00)}$$
$$-2(m_{010}^{(20)})^2m_{110}^{(22)}m_{021}^{(00)} - 2(m_{010}^{(20)})^2m_{101}^{(00)}m_{030}^{(22)} + 2(m_{010}^{(20)})^2m_{101}^{(10)}m_{120}^{(22)}$$
$$+2(m_{010}^{(20)})^2m_{101}^{(10)}m_{021}^{(20)} - 2(m_{010}^{(20)})^2m_{101}^{(21)}m_{120}^{(20)} - 2(m_{010}^{(20)})^2m_{101}^{(21)}m_{021}^{(00)}$$
$$+2(m_{010}^{(20)})^2m_{101}^{(22)}m_{030}^{(00)} - 2(m_{010}^{(20)})^2m_{020}^{(00)}m_{111}^{(22)} + 2(m_{010}^{(20)})^2m_{020}^{(10)}m_{201}^{(22)}$$
$$+2(m_{010}^{(20)})^2m_{020}^{(10)}m_{102}^{(20)} - 2(m_{010}^{(20)})^2m_{020}^{(21)}m_{201}^{(20)} - 2(m_{010}^{(20)})^2m_{020}^{(21)}m_{102}^{(00)}$$
$$+2(m_{010}^{(20)})^2m_{020}^{(22)}m_{111}^{(00)} + 2(m_{010}^{(20)})^2m_{011}^{(00)}m_{120}^{(22)} - 2(m_{010}^{(20)})^2m_{011}^{(10)}m_{210}^{(22)}$$
$$-2(m_{010}^{(20)})^2m_{011}^{(10)}m_{111}^{(20)} + 2(m_{010}^{(20)})^2m_{011}^{(21)}m_{210}^{(20)} + 2(m_{010}^{(20)})^2m_{011}^{(21)}m_{111}^{(00)}$$
$$-2(m_{010}^{(20)})^2m_{011}^{(22)}m_{120}^{(00)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(00)}m_{021}^{(22)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(10)}m_{111}^{(22)}$$
$$+2m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(20)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(20)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{012}^{(00)}$$
$$+2m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(22)}m_{021}^{(00)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(00)}m_{111}^{(22)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(00)}m_{012}^{(20)}$$
$$-2m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{201}^{(22)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{102}^{(20)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(20)}$$
$$-2m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{012}^{(00)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{201}^{(20)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{102}^{(00)}$$
$$+2m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(00)}m_{120}^{(22)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(00)}m_{021}^{(20)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{210}^{(22)}$$
$$-2m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(20)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(20)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{021}^{(00)}$$
$$+2m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{210}^{(20)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(00)} - 4m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(22)}m_{120}^{(00)}$$
$$-2m_{010}^{(20)}m_{010}^{(21)}m_{020}^{(00)}m_{102}^{(20)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{020}^{(20)}m_{201}^{(20)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{020}^{(20)}m_{102}^{(00)}$$
$$-2m_{010}^{(20)}m_{010}^{(21)}m_{020}^{(22)}m_{201}^{(00)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{210}^{(22)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{111}^{(20)}$$
$$+2m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{300}^{(22)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(20)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(20)}$$
$$-2m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{111}^{(00)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{300}^{(20)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(00)}$$
$$+4m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(22)}m_{210}^{(00)} + m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(00)}m_{030}^{(22)} - m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(10)}m_{120}^{(22)}$$
$$-m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(10)}m_{021}^{(20)} + m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{120}^{(20)} + m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{021}^{(00)}$$
$$-m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(22)}m_{030}^{(00)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(00)}m_{120}^{(22)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(00)}m_{021}^{(20)}$$
$$+2m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{210}^{(22)} + 4m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(20)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{021}^{(00)}$$
$$-2m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{210}^{(20)} - 4m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(00)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(22)}m_{120}^{(00)}$$
$$+2m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(00)}m_{030}^{(20)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(10)}m_{120}^{(20)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(20)}m_{030}^{(00)}$$
$$+2m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(21)}m_{120}^{(00)} + m_{010}^{(20)}m_{010}^{(22)}m_{020}^{(00)}m_{210}^{(22)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{020}^{(00)}m_{111}^{(20)}$$
$$-m_{010}^{(20)}m_{010}^{(22)}m_{020}^{(10)}m_{300}^{(22)} - 3m_{010}^{(20)}m_{010}^{(22)}m_{020}^{(10)}m_{201}^{(20)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{020}^{(20)}m_{111}^{(00)}$$
$$+m_{010}^{(20)}m_{010}^{(22)}m_{020}^{(21)}m_{300}^{(20)} + 3m_{010}^{(20)}m_{010}^{(22)}m_{020}^{(21)}m_{201}^{(00)} - m_{010}^{(20)}m_{010}^{(22)}m_{020}^{(22)}m_{210}^{(00)}$$
$$-2m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(00)}m_{120}^{(20)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{210}^{(20)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(20)}m_{120}^{(00)}$$
$$-2m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(21)}m_{210}^{(00)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(10)}m_{012}^{(21)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(20)}m_{021}^{(21)}$$
$$+2m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(10)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(22)}m_{021}^{(10)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(10)}m_{021}^{(21)}$$
$$-2m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(20)}m_{030}^{(21)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(10)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(22)}m_{030}^{(10)}$$
$$-m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(00)}m_{012}^{(21)} + 3m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(10)}m_{102}^{(21)} + m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(10)}m_{012}^{(20)}$$
$$+m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(10)}m_{003}^{(10)} - m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(11)}m_{102}^{(20)} - m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(11)}m_{003}^{(00)}$$
$$-2m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(20)}m_{111}^{(21)} - m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(20)}m_{012}^{(10)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(10)}$$
$$+m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{012}^{(00)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(22)}m_{111}^{(10)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(00)}m_{021}^{(21)}$$

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\begin{aligned}
&-4m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(21)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{021}^{(20)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(10)}\\
&+2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{111}^{(20)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{012}^{(00)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(20)}m_{120}^{(21)}\\
&+2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(10)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(10)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{021}^{(00)}\\
&-2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(22)}m_{120}^{(10)} - m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(00)}m_{030}^{(21)} + m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(10)}m_{120}^{(21)}\\
&+m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(10)}m_{030}^{(20)} + m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(10)}m_{021}^{(10)} - m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(11)}m_{120}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(11)}m_{021}^{(00)} - m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(20)}m_{030}^{(10)} + m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(21)}m_{030}^{(00)}\\
&+4m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(00)}m_{012}^{(21)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(21)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{003}^{(10)}\\
&+2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(11)}m_{102}^{(20)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(11)}m_{003}^{(00)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(21)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(20)} - 4m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(00)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(10)}\\
&+2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{021}^{(00)} - 4m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(00)}m_{021}^{(21)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(21)}\\
&+2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(10)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(20)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{012}^{(00)}\\
&+2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{120}^{(21)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{030}^{(20)} + 4m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(00)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(22)}m_{120}^{(10)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(22)}m_{030}^{(00)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(00)}m_{102}^{(21)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(20)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{201}^{(21)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{111}^{(20)}\\
&+2m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(10)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{102}^{(00)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(22)}m_{201}^{(10)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(22)}m_{111}^{(00)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(21)} + 4m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(20)}\\
&+2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(10)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{201}^{(20)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{102}^{(00)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(21)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(20)} - 4m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(10)}\\
&+2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(22)}m_{210}^{(10)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(22)}m_{120}^{(00)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(00)}m_{120}^{(21)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{210}^{(21)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{120}^{(20)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(10)}\\
&+2m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(11)}m_{210}^{(20)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(11)}m_{111}^{(00)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(10)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(21)}m_{120}^{(00)} - m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(00)}m_{012}^{(21)} + m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(10)}m_{102}^{(21)}\\
&+m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(20)} + m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(10)}m_{003}^{(10)} - m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(11)}m_{102}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(11)}m_{003}^{(00)} - m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(10)} + m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(21)}m_{012}^{(00)}\\
&-2m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(00)}m_{012}^{(20)} + 2m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(20)} + 2m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{012}^{(00)}\\
&-2m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(22)}m_{111}^{(00)} + 2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(00)}m_{111}^{(21)} + 2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(00)}m_{021}^{(20)}\\
&-2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(21)} - 2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(20)} - 2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(10)}\\
&+2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(11)}m_{201}^{(20)} + 2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(11)}m_{102}^{(00)} - 2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{120}^{(20)}\\
&+2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(10)} - 2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{021}^{(00)} - 2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(00)}\\
&+2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(22)}m_{120}^{(00)} + 2m_{010}^{(20)}m_{001}^{(11)}m_{020}^{(00)}m_{102}^{(20)} - 2m_{010}^{(20)}m_{001}^{(11)}m_{020}^{(20)}m_{201}^{(20)}\\
&-2m_{010}^{(20)}m_{001}^{(11)}m_{020}^{(20)}m_{102}^{(00)} + 2m_{010}^{(20)}m_{001}^{(11)}m_{020}^{(22)}m_{201}^{(00)} - 2m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(00)}m_{111}^{(20)}\\
&+2m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{210}^{(20)} + 2m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(00)} - 2m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(22)}m_{210}^{(00)}\\
&-m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(00)}m_{210}^{(21)} + m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(10)}m_{300}^{(21)} + m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(10)}m_{210}^{(20)}\\
&+m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(10)}m_{201}^{(10)} - m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(11)}m_{300}^{(20)} - m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(11)}m_{201}^{(00)}\\
&-m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(10)} + m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(21)}m_{210}^{(00)} - 4m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(00)}m_{021}^{(21)}\\
&+4m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(21)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(20)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(10)}\\
&-2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(20)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{012}^{(00)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(10)}\\
&+2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(00)} + 4m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(00)}m_{030}^{(21)} - 4m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(21)}
\end{aligned}
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\begin{aligned}
&-2m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(20)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(10)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(20)}\\
&+2m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{021}^{(00)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(10)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(21)}m_{030}^{(00)}\\
&+4m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(21)} - 4m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(21)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(20)}\\
&-2m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(10)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(20)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(11)}m_{102}^{(00)}\\
&+2m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(10)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(00)} - 4m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(21)}\\
&+4m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(21)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(20)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(10)}\\
&-2m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(20)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{111}^{(00)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(10)}\\
&+2m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(00)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(21)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(21)}\\
&-2m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(20)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(10)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(20)}\\
&+2m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{012}^{(00)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(10)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(00)}\\
&-2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(21)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{021}^{(20)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(21)}\\
&+2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(10)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(20)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{102}^{(00)}\\
&-2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(10)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{021}^{(00)} + 4m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(00)}\\
&-2m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(21)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(00)}m_{030}^{(20)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(21)}\\
&+4m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(20)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(10)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(20)}\\
&-2m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{111}^{(00)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(10)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(20)}m_{030}^{(00)}\\
&-2m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(20)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(20)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{111}^{(00)}\\
&-2m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{201}^{(00)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(21)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{120}^{(20)}\\
&-2m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(21)} - 4m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(20)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(10)}\\
&+2m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{300}^{(20)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{201}^{(00)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(10)}\\
&-2m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(20)}m_{120}^{(00)} - m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(21)} + m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(21)}\\
&+m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(20)} + m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(10)} - m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{021}^{(00)} - m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(10)} + m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(21)}m_{030}^{(00)}\\
&+2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(21)} - 2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(21)} - 2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(20)}\\
&-2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(10)} + 2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(20)} + 2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{111}^{(00)}\\
&+2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(10)} - 2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(21)}m_{120}^{(00)} - m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(21)}\\
&+m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(21)} + m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(20)} + m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(20)} - m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(11)}m_{201}^{(00)} - m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(21)}m_{210}^{(00)} - 2(m_{010}^{(21)})^2m_{200}^{(00)}m_{012}^{(20)} + 2(m_{010}^{(21)})^2m_{200}^{(20)}m_{111}^{(20)}\\
&+2(m_{010}^{(21)})^2m_{200}^{(20)}m_{012}^{(00)} - 2(m_{010}^{(21)})^2m_{200}^{(22)}m_{111}^{(00)} + 2(m_{010}^{(21)})^2m_{110}^{(00)}m_{102}^{(20)}\\
&-2(m_{010}^{(21)})^2m_{110}^{(20)}m_{201}^{(20)} - 2(m_{010}^{(21)})^2m_{110}^{(20)}m_{102}^{(00)} + 2(m_{010}^{(21)})^2m_{110}^{(22)}m_{201}^{(00)}\\
&+2(m_{010}^{(21)})^2m_{101}^{(00)}m_{111}^{(20)} - 2(m_{010}^{(21)})^2m_{101}^{(20)}m_{210}^{(20)} - 2(m_{010}^{(21)})^2m_{101}^{(20)}m_{111}^{(00)}\\
&+2(m_{010}^{(21)})^2m_{101}^{(22)}m_{210}^{(00)} - 2(m_{010}^{(21)})^2m_{011}^{(00)}m_{201}^{(20)} + 2(m_{010}^{(21)})^2m_{011}^{(20)}m_{300}^{(20)}\\
&+2(m_{010}^{(21)})^2m_{011}^{(20)}m_{201}^{(00)} - 2(m_{010}^{(21)})^2m_{011}^{(22)}m_{300}^{(00)} + 3m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(00)}m_{021}^{(20)}\\
&-2m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{111}^{(20)} - m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{120}^{(20)} - 3m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(00)}\\
&+2m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(00)} + m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(22)}m_{120}^{(00)} - 4m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(00)}m_{111}^{(20)}\\
&+2m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{201}^{(20)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{210}^{(20)} + 4m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(00)}\\
&-2m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(00)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(22)}m_{210}^{(00)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(00)}m_{120}^{(20)}
\end{aligned}
$$

$$+2m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{210}^{(20)}+2m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(00)}-2m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(00)}$$
$$+m_{010}^{(21)}m_{010}^{(22)}m_{020}^{(00)}m_{201}^{(20)}-m_{010}^{(21)}m_{010}^{(22)}m_{020}^{(20)}m_{300}^{(20)}-m_{010}^{(21)}m_{010}^{(22)}m_{020}^{(20)}m_{201}^{(00)}$$
$$+m_{010}^{(21)}m_{010}^{(22)}m_{020}^{(22)}m_{300}^{(00)}+2m_{010}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{210}^{(20)}-2m_{010}^{(21)}m_{010}^{(22)}m_{011}^{(10)}m_{300}^{(20)}$$
$$-2m_{010}^{(21)}m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(00)}+2m_{010}^{(21)}m_{010}^{(22)}m_{011}^{(21)}m_{300}^{(00)}+2m_{010}^{(21)}m_{001}^{(00)}m_{200}^{(10)}m_{012}^{(21)}$$
$$-2m_{010}^{(21)}m_{001}^{(00)}m_{200}^{(20)}m_{021}^{(21)}-2m_{010}^{(21)}m_{001}^{(00)}m_{200}^{(21)}m_{012}^{(10)}+2m_{010}^{(21)}m_{001}^{(00)}m_{200}^{(22)}m_{021}^{(10)}$$
$$-2m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(10)}m_{102}^{(21)}+2m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{111}^{(21)}+2m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{102}^{(10)}$$
$$-2m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(22)}m_{111}^{(10)}-2m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(10)}m_{111}^{(21)}+2m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(20)}m_{120}^{(21)}$$
$$+2m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{111}^{(10)}-2m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(22)}m_{120}^{(10)}-m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(00)}m_{003}^{(10)}$$
$$+m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(10)}m_{003}^{(00)}+m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(20)}m_{102}^{(10)}-m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(00)}$$
$$+2m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(00)}m_{012}^{(10)}+2m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{201}^{(21)}-2m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(00)}$$
$$-2m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{210}^{(21)}-2m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(10)}-2m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{201}^{(10)}$$
$$+2m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(00)}+2m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(22)}m_{210}^{(10)}-m_{010}^{(21)}m_{001}^{(00)}m_{002}^{(00)}m_{021}^{(10)}$$
$$+m_{010}^{(21)}m_{001}^{(00)}m_{002}^{(10)}m_{021}^{(00)}+m_{010}^{(21)}m_{001}^{(00)}m_{002}^{(20)}m_{120}^{(10)}-m_{010}^{(21)}m_{001}^{(00)}m_{002}^{(21)}m_{120}^{(00)}$$
$$-2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(00)}m_{012}^{(21)}-2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(10)}m_{012}^{(20)}+2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{111}^{(21)}$$
$$+2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{021}^{(20)}+2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{012}^{(10)}+2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(00)}$$
$$-2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(22)}m_{111}^{(10)}-2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(22)}m_{021}^{(00)}+2m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(00)}m_{102}^{(21)}$$
$$+2m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(00)}m_{003}^{(10)}+2m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(20)}-2m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{003}^{(00)}$$
$$-2m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{201}^{(21)}-2m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(20)}-4m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{102}^{(10)}$$
$$+2m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(22)}m_{201}^{(10)}+2m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(00)}+2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{111}^{(21)}$$
$$-2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{012}^{(10)}+2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(20)}+2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(00)}$$
$$-2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{210}^{(21)}-2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{120}^{(20)}-4m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(00)}$$
$$+2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(22)}m_{210}^{(10)}+2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(22)}m_{120}^{(00)}-2m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{201}^{(21)}$$
$$-2m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{102}^{(10)}-2m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(20)}+2m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(00)}$$
$$+2m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{300}^{(21)}+2m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(20)}+4m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(10)}$$
$$-2m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(22)}m_{300}^{(10)}-2m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(22)}m_{210}^{(00)}+2m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(00)}m_{111}^{(10)}$$
$$-2m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(00)}-2m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(20)}m_{210}^{(10)}+2m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(21)}m_{210}^{(00)}$$
$$+2m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(00)}m_{012}^{(20)}-m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(00)}m_{003}^{(10)}+m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{003}^{(00)}$$
$$-2m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{111}^{(20)}+m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{102}^{(10)}-2m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(00)}$$
$$-m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(00)}+2m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(22)}m_{111}^{(00)}-2m_{010}^{(21)}m_{001}^{(11)}m_{110}^{(00)}m_{102}^{(20)}$$
$$+2m_{010}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{201}^{(20)}+2m_{010}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(00)}-2m_{010}^{(21)}m_{001}^{(11)}m_{110}^{(22)}m_{201}^{(00)}$$
$$-2m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{111}^{(20)}+2m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{102}^{(10)}-2m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(00)}$$
$$+2m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{210}^{(20)}-2m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{201}^{(10)}+2m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(00)}$$
$$+2m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(00)}-2m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(22)}m_{210}^{(00)}+2m_{010}^{(21)}m_{001}^{(11)}m_{011}^{(00)}m_{201}^{(20)}$$
$$-2m_{010}^{(21)}m_{001}^{(11)}m_{011}^{(20)}m_{300}^{(20)}-2m_{010}^{(21)}m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(00)}+2m_{010}^{(21)}m_{001}^{(11)}m_{011}^{(22)}m_{300}^{(00)}$$
$$-m_{010}^{(21)}m_{001}^{(11)}m_{002}^{(00)}m_{201}^{(10)}+m_{010}^{(21)}m_{001}^{(11)}m_{002}^{(10)}m_{201}^{(00)}+m_{010}^{(21)}m_{001}^{(11)}m_{002}^{(20)}m_{300}^{(10)}$$
$$-m_{010}^{(21)}m_{001}^{(11)}m_{002}^{(21)}m_{300}^{(00)}+2m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(00)}m_{021}^{(21)}-2m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{111}^{(21)}$$
$$-2m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{021}^{(10)}+2m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{111}^{(10)}-2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{111}^{(21)}$$
$$-2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{012}^{(10)}+2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{201}^{(21)}+2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(00)}$$

$$
\begin{aligned}
&+4m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(10)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{201}^{(10)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(00)}\\
&-2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(00)}m_{120}^{(21)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(00)}m_{021}^{(10)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{210}^{(21)}\\
&-2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(00)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(21)}m_{210}^{(10)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(00)}\\
&+2m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{102}^{(10)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(00)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{201}^{(10)}\\
&+2m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(00)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{210}^{(21)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{111}^{(10)}\\
&-2m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{300}^{(21)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(00)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(21)}m_{300}^{(10)}\\
&-2m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(00)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{210}^{(21)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{111}^{(10)}\\
&-2m_{010}^{(21)}m_{001}^{(20)}m_{111}^{(10)}m_{300}^{(21)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{111}^{(10)}m_{111}^{(00)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{111}^{(21)}m_{300}^{(10)}\\
&-2m_{010}^{(21)}m_{001}^{(20)}m_{111}^{(21)}m_{210}^{(00)} - 2m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(20)} + 2m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{012}^{(10)}\\
&+2m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(20)} - 2m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(00)} - 2m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(10)}\\
&+2m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(00)} + 2m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(20)} - 2m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{102}^{(10)}\\
&-2m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(20)} + 2m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(00)} + 2m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(10)}\\
&-2m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(00)} + 2m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(20)} - 2m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(10)}\\
&-2m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(20)} + 2m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(00)} + 2m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(10)}\\
&-2m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(00)} - 2m_{010}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(20)} + 2m_{010}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{201}^{(10)}\\
&+2m_{010}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(20)} - 2m_{010}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(00)} - 2m_{010}^{(21)}m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(10)}\\
&+2m_{010}^{(21)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(00)} - m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(00)}m_{021}^{(10)} + m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(20)}m_{120}^{(10)} - m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(00)} + 2m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{111}^{(10)}\\
&-2m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(00)} - 2m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(20)}m_{210}^{(10)} + 2m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{201}^{(10)} + m_{010}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(00)} + m_{010}^{(21)}m_{001}^{(22)}m_{020}^{(20)}m_{300}^{(10)}\\
&-m_{010}^{(21)}m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(00)} - (m_{010}^{(22)})^2m_{200}^{(00)}m_{030}^{(20)} + (m_{010}^{(22)})^2m_{200}^{(10)}m_{120}^{(20)}\\
&+(m_{010}^{(22)})^2m_{200}^{(20)}m_{030}^{(00)} - (m_{010}^{(22)})^2m_{200}^{(21)}m_{120}^{(00)} + 2(m_{010}^{(22)})^2m_{110}^{(00)}m_{120}^{(20)}\\
&-2(m_{010}^{(22)})^2m_{110}^{(10)}m_{210}^{(20)} - 2(m_{010}^{(22)})^2m_{110}^{(20)}m_{120}^{(00)} + 2(m_{010}^{(22)})^2m_{110}^{(21)}m_{210}^{(00)}\\
&-(m_{010}^{(22)})^2m_{020}^{(00)}m_{210}^{(20)} + (m_{010}^{(22)})^2m_{020}^{(10)}m_{300}^{(20)} + (m_{010}^{(22)})^2m_{020}^{(20)}m_{210}^{(00)}\\
&-(m_{010}^{(22)})^2m_{020}^{(21)}m_{300}^{(00)} - m_{010}^{(22)}m_{001}^{(00)}m_{200}^{(10)}m_{021}^{(21)} + m_{010}^{(22)}m_{001}^{(00)}m_{200}^{(20)}m_{030}^{(21)}\\
&+m_{010}^{(22)}m_{001}^{(00)}m_{200}^{(21)}m_{021}^{(10)} - m_{010}^{(22)}m_{001}^{(00)}m_{200}^{(22)}m_{030}^{(10)} + 2m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(10)}m_{111}^{(21)}\\
&-2m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(20)}m_{120}^{(21)} - 2m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(21)}m_{111}^{(10)} + 2m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(22)}m_{120}^{(10)}\\
&+m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(00)}m_{012}^{(10)} - m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(10)}m_{201}^{(00)} - m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(10)}m_{102}^{(10)}\\
&-m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(10)}m_{012}^{(00)} + m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(11)}m_{102}^{(00)} + m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(20)}m_{210}^{(21)}\\
&+m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(21)}m_{201}^{(10)} - m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(22)}m_{210}^{(10)} - 2m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(00)}m_{021}^{(10)}\\
&+2m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(10)} + 2m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(10)}m_{021}^{(00)} - 2m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(11)}m_{111}^{(00)}\\
&+m_{010}^{(22)}m_{001}^{(00)}m_{002}^{(00)}m_{030}^{(10)} - m_{010}^{(22)}m_{001}^{(00)}m_{002}^{(10)}m_{120}^{(10)} - m_{010}^{(22)}m_{001}^{(00)}m_{002}^{(10)}m_{030}^{(00)}\\
&+m_{010}^{(22)}m_{001}^{(00)}m_{002}^{(11)}m_{120}^{(00)} + m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(00)}m_{021}^{(21)} + m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(10)}m_{021}^{(20)}\\
&-m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(20)}m_{120}^{(21)} - m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(20)}m_{030}^{(20)} - m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(20)}m_{021}^{(10)}\\
&-m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(00)} + m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(22)}m_{120}^{(10)} + m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(22)}m_{030}^{(00)}\\
&-2m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(00)}m_{111}^{(21)} - 2m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(00)}m_{012}^{(10)} - 2m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{111}^{(20)}\\
&+2m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(10)} + 2m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(00)} - 2m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(11)}m_{102}^{(00)}\\
&+2m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(20)}m_{210}^{(21)} + 2m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(20)}m_{120}^{(20)} + 2m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(10)}\\
&+2m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(00)} - 2m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(22)}m_{210}^{(10)} - 2m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(22)}m_{120}^{(00)}\\
&+2m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(00)}m_{021}^{(10)} - 2m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(10)} - 2m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(00)}
\end{aligned}
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\begin{aligned}
&+2m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(00)}+m_{010}^{(22)}m_{001}^{(10)}m_{020}^{(00)}m_{201}^{(21)}+m_{010}^{(22)}m_{001}^{(10)}m_{020}^{(10)}m_{201}^{(20)}\\
&-m_{010}^{(22)}m_{001}^{(10)}m_{020}^{(20)}m_{300}^{(21)}-m_{010}^{(22)}m_{001}^{(10)}m_{020}^{(20)}m_{210}^{(20)}-m_{010}^{(22)}m_{001}^{(10)}m_{020}^{(20)}m_{201}^{(10)}\\
&-m_{010}^{(22)}m_{001}^{(10)}m_{020}^{(21)}m_{201}^{(00)}+m_{010}^{(22)}m_{001}^{(10)}m_{020}^{(22)}m_{300}^{(10)}+m_{010}^{(22)}m_{001}^{(10)}m_{020}^{(22)}m_{210}^{(00)}\\
&+2m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(00)}m_{111}^{(10)}-2m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(10)}-2m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(00)}m_{111}^{(10)}\\
&+2m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(11)}m_{201}^{(00)}-2m_{010}^{(22)}m_{001}^{(10)}m_{002}^{(00)}m_{120}^{(10)}+2m_{010}^{(22)}m_{001}^{(10)}m_{002}^{(10)}m_{210}^{(10)}\\
&+2m_{010}^{(22)}m_{001}^{(10)}m_{002}^{(10)}m_{120}^{(00)}-2m_{010}^{(22)}m_{001}^{(10)}m_{002}^{(11)}m_{210}^{(00)}-m_{010}^{(22)}m_{001}^{(11)}m_{200}^{(00)}m_{021}^{(20)}\\
&+m_{010}^{(22)}m_{001}^{(11)}m_{200}^{(00)}m_{012}^{(10)}-m_{010}^{(22)}m_{001}^{(11)}m_{200}^{(10)}m_{102}^{(10)}-m_{010}^{(22)}m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(00)}\\
&+m_{010}^{(22)}m_{001}^{(11)}m_{200}^{(11)}m_{102}^{(00)}+m_{010}^{(22)}m_{001}^{(11)}m_{200}^{(20)}m_{120}^{(20)}+m_{010}^{(22)}m_{001}^{(11)}m_{200}^{(20)}m_{021}^{(00)}\\
&-m_{010}^{(22)}m_{001}^{(11)}m_{200}^{(22)}m_{120}^{(00)}+2m_{010}^{(22)}m_{001}^{(11)}m_{110}^{(00)}m_{111}^{(20)}-2m_{010}^{(22)}m_{001}^{(11)}m_{110}^{(20)}m_{210}^{(20)}\\
&-2m_{010}^{(22)}m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(00)}+2m_{010}^{(22)}m_{001}^{(11)}m_{110}^{(22)}m_{210}^{(00)}-2m_{010}^{(22)}m_{001}^{(11)}m_{101}^{(00)}m_{111}^{(10)}\\
&+2m_{010}^{(22)}m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(10)}+2m_{010}^{(22)}m_{001}^{(11)}m_{101}^{(00)}m_{111}^{(10)}-2m_{010}^{(22)}m_{001}^{(11)}m_{101}^{(11)}m_{201}^{(00)}\\
&-m_{010}^{(22)}m_{001}^{(11)}m_{020}^{(00)}m_{201}^{(20)}+m_{010}^{(22)}m_{001}^{(11)}m_{020}^{(20)}m_{300}^{(20)}+m_{010}^{(22)}m_{001}^{(11)}m_{020}^{(20)}m_{201}^{(00)}\\
&-m_{010}^{(22)}m_{001}^{(11)}m_{020}^{(22)}m_{300}^{(00)}+m_{010}^{(22)}m_{001}^{(11)}m_{002}^{(00)}m_{210}^{(10)}-m_{010}^{(22)}m_{001}^{(11)}m_{002}^{(10)}m_{300}^{(10)}\\
&-m_{010}^{(22)}m_{001}^{(11)}m_{002}^{(10)}m_{210}^{(00)}+m_{010}^{(22)}m_{001}^{(11)}m_{002}^{(11)}m_{300}^{(00)}-m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(00)}m_{030}^{(21)}\\
&+m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(10)}m_{120}^{(21)}+m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(20)}m_{030}^{(10)}-m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(21)}m_{120}^{(10)}\\
&+2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(00)}m_{120}^{(21)}+2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(00)}m_{021}^{(10)}-2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{210}^{(21)}\\
&-2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(10)}-2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(00)}+2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(00)}\\
&-2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(10)}+2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(10)}-2m_{010}^{(22)}m_{001}^{(20)}m_{101}^{(00)}m_{030}^{(10)}\\
&+2m_{010}^{(22)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(10)}+2m_{010}^{(22)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(00)}-2m_{010}^{(22)}m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(00)}\\
&-m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{210}^{(21)}-2m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(10)}+m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{300}^{(21)}\\
&+2m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(10)}+2m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(00)}-2m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(00)}\\
&+m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(10)}-m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(21)}m_{300}^{(10)}+2m_{010}^{(22)}m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(10)}\\
&-2m_{010}^{(22)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(10)}-2m_{010}^{(22)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(00)}+2m_{010}^{(22)}m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(00)}\\
&+m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(00)}m_{030}^{(20)}-2m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(10)}-m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{120}^{(20)}\\
&+2m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(10)}+2m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(00)}-2m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(00)}\\
&-m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(20)}m_{030}^{(00)}+m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(00)}-2m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{120}^{(20)}\\
&+2m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(10)}+2m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{210}^{(20)}-2m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(10)}\\
&-2m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(00)}+2m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(00)}+2m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(00)}\\
&-2m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(00)}+2m_{010}^{(22)}m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(10)}-2m_{010}^{(22)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(10)}\\
&-2m_{010}^{(22)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(00)}+2m_{010}^{(22)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(00)}+m_{010}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{210}^{(20)}\\
&-m_{010}^{(22)}m_{001}^{(21)}m_{020}^{(10)}m_{300}^{(20)}-m_{010}^{(22)}m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(00)}+m_{010}^{(22)}m_{001}^{(21)}m_{020}^{(21)}m_{300}^{(00)}\\
&-2m_{010}^{(22)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(10)}+2m_{010}^{(22)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(10)}+2m_{010}^{(22)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(00)}\\
&-2m_{010}^{(22)}m_{001}^{(21)}m_{011}^{(11)}m_{300}^{(00)}+m_{010}^{(22)}m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(10)}-m_{010}^{(22)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(10)}\\
&-m_{010}^{(22)}m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(10)}+m_{010}^{(22)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(00)}-2m_{010}^{(22)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(10)}\\
&+2m_{010}^{(22)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(10)}+2m_{010}^{(22)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(00)}-2m_{010}^{(22)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(00)}\\
&+m_{010}^{(22)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(10)}-m_{010}^{(22)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(10)}-m_{010}^{(22)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(00)}\\
&+m_{010}^{(22)}m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(00)}+(m_{001}^{(00)})^2m_{020}^{(10)}m_{003}^{(11)}-(m_{001}^{(00)})^2m_{020}^{(11)}m_{003}^{(10)}\\
&-(m_{001}^{(00)})^2m_{020}^{(20)}m_{012}^{(11)}+(m_{001}^{(00)})^2m_{020}^{(21)}m_{012}^{(10)}-2(m_{001}^{(00)})^2m_{011}^{(10)}m_{012}^{(11)}
\end{aligned}
$$

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\begin{aligned}
&+2(m_{001}^{(00)})^2 m_{011}^{(11)} m_{012}^{(10)} + 2(m_{001}^{(00)})^2 m_{011}^{(20)} m_{021}^{(11)} - 2(m_{001}^{(00)})^2 m_{011}^{(21)} m_{021}^{(10)} \\
&+(m_{001}^{(00)})^2 m_{002}^{(10)} m_{021}^{(11)} - (m_{001}^{(00)})^2 m_{002}^{(11)} m_{021}^{(10)} - (m_{001}^{(00)})^2 m_{002}^{(20)} m_{030}^{(11)} \\
&+(m_{001}^{(00)})^2 m_{002}^{(21)} m_{030}^{(10)} - 2m_{001}^{(00)} m_{001}^{(10)} m_{110}^{(10)} m_{003}^{(11)} + 2m_{001}^{(00)} m_{001}^{(10)} m_{110}^{(11)} m_{003}^{(10)} \\
&+2m_{001}^{(00)} m_{001}^{(10)} m_{110}^{(20)} m_{012}^{(11)} - 2m_{001}^{(00)} m_{001}^{(10)} m_{110}^{(21)} m_{012}^{(10)} + 2m_{001}^{(00)} m_{001}^{(10)} m_{101}^{(11)} m_{012}^{(11)} \\
&-2m_{001}^{(00)} m_{001}^{(10)} m_{101}^{(11)} m_{012}^{(10)} - 2m_{001}^{(00)} m_{001}^{(10)} m_{101}^{(20)} m_{021}^{(11)} + 2m_{001}^{(00)} m_{001}^{(10)} m_{101}^{(21)} m_{021}^{(10)} \\
&-m_{001}^{(00)} m_{001}^{(10)} m_{020}^{(00)} m_{003}^{(11)} + m_{001}^{(00)} m_{001}^{(10)} m_{020}^{(11)} m_{003}^{(00)} + m_{001}^{(00)} m_{001}^{(10)} m_{020}^{(20)} m_{102}^{(11)} \\
&+m_{001}^{(00)} m_{001}^{(10)} m_{020}^{(20)} m_{012}^{(10)} - m_{001}^{(00)} m_{001}^{(10)} m_{020}^{(21)} m_{102}^{(10)} - m_{001}^{(00)} m_{001}^{(10)} m_{020}^{(21)} m_{012}^{(00)} \\
&+2m_{001}^{(00)} m_{001}^{(10)} m_{011}^{(00)} m_{012}^{(11)} + 2m_{001}^{(00)} m_{001}^{(10)} m_{011}^{(10)} m_{102}^{(11)} - 2m_{001}^{(00)} m_{001}^{(10)} m_{011}^{(11)} m_{102}^{(10)} \\
&-2m_{001}^{(00)} m_{001}^{(10)} m_{011}^{(11)} m_{012}^{(00)} - 4m_{001}^{(00)} m_{001}^{(10)} m_{011}^{(20)} m_{111}^{(11)} - 2m_{001}^{(00)} m_{001}^{(10)} m_{011}^{(20)} m_{021}^{(10)} \\
&+4m_{001}^{(00)} m_{001}^{(10)} m_{011}^{(21)} m_{111}^{(10)} + 2m_{001}^{(00)} m_{001}^{(10)} m_{011}^{(21)} m_{021}^{(00)} - m_{001}^{(00)} m_{001}^{(10)} m_{002}^{(00)} m_{021}^{(11)} \\
&-2m_{001}^{(00)} m_{001}^{(10)} m_{002}^{(10)} m_{111}^{(11)} + 2m_{001}^{(00)} m_{001}^{(10)} m_{002}^{(11)} m_{111}^{(10)} + m_{001}^{(00)} m_{001}^{(10)} m_{002}^{(11)} m_{021}^{(00)} \\
&+3m_{001}^{(00)} m_{001}^{(10)} m_{002}^{(20)} m_{120}^{(11)} + m_{001}^{(00)} m_{001}^{(10)} m_{002}^{(20)} m_{030}^{(10)} - 3m_{001}^{(00)} m_{001}^{(10)} m_{002}^{(21)} m_{120}^{(10)} \\
&-m_{001}^{(00)} m_{001}^{(10)} m_{002}^{(21)} m_{030}^{(00)} + m_{001}^{(00)} m_{001}^{(11)} m_{200}^{(10)} m_{003}^{(11)} - m_{001}^{(00)} m_{001}^{(11)} m_{200}^{(11)} m_{003}^{(10)} \\
&-m_{001}^{(00)} m_{001}^{(11)} m_{200}^{(20)} m_{012}^{(11)} + m_{001}^{(00)} m_{001}^{(11)} m_{200}^{(21)} m_{012}^{(10)} - 2m_{001}^{(00)} m_{001}^{(11)} m_{101}^{(10)} m_{102}^{(11)} \\
&+2m_{001}^{(00)} m_{001}^{(11)} m_{101}^{(11)} m_{102}^{(10)} + 2m_{001}^{(00)} m_{001}^{(11)} m_{101}^{(20)} m_{111}^{(11)} - 2m_{001}^{(00)} m_{001}^{(11)} m_{101}^{(21)} m_{111}^{(10)} \\
&+m_{001}^{(00)} m_{001}^{(11)} m_{020}^{(00)} m_{003}^{(10)} - m_{001}^{(00)} m_{001}^{(11)} m_{020}^{(10)} m_{003}^{(00)} - m_{001}^{(00)} m_{001}^{(11)} m_{020}^{(20)} m_{102}^{(10)} \\
&+m_{001}^{(00)} m_{001}^{(11)} m_{020}^{(21)} m_{102}^{(00)} - 2m_{001}^{(00)} m_{001}^{(11)} m_{011}^{(00)} m_{012}^{(10)} + 2m_{001}^{(00)} m_{001}^{(11)} m_{011}^{(10)} m_{012}^{(00)} \\
&+2m_{001}^{(00)} m_{001}^{(11)} m_{011}^{(20)} m_{111}^{(10)} - 2m_{001}^{(00)} m_{001}^{(11)} m_{011}^{(21)} m_{111}^{(00)} + m_{001}^{(00)} m_{001}^{(11)} m_{002}^{(00)} m_{021}^{(10)} \\
&+m_{001}^{(00)} m_{001}^{(11)} m_{002}^{(10)} m_{201}^{(11)} - m_{001}^{(00)} m_{001}^{(11)} m_{002}^{(10)} m_{021}^{(00)} - m_{001}^{(00)} m_{001}^{(11)} m_{002}^{(11)} m_{201}^{(10)} \\
&-m_{001}^{(00)} m_{001}^{(11)} m_{002}^{(20)} m_{210}^{(11)} - m_{001}^{(00)} m_{001}^{(11)} m_{002}^{(20)} m_{120}^{(10)} + m_{001}^{(00)} m_{001}^{(11)} m_{002}^{(21)} m_{210}^{(10)} \\
&+m_{001}^{(00)} m_{001}^{(11)} m_{002}^{(21)} m_{120}^{(00)} + 2m_{001}^{(00)} m_{001}^{(20)} m_{110}^{(10)} m_{012}^{(11)} - 2m_{001}^{(00)} m_{001}^{(20)} m_{110}^{(11)} m_{012}^{(10)} \\
&-2m_{001}^{(00)} m_{001}^{(20)} m_{110}^{(20)} m_{021}^{(11)} + 2m_{001}^{(00)} m_{001}^{(20)} m_{110}^{(21)} m_{021}^{(10)} - 2m_{001}^{(00)} m_{001}^{(20)} m_{101}^{(10)} m_{021}^{(11)} \\
&+2m_{001}^{(00)} m_{001}^{(20)} m_{101}^{(11)} m_{021}^{(10)} + 2m_{001}^{(00)} m_{001}^{(20)} m_{101}^{(20)} m_{030}^{(11)} - 2m_{001}^{(00)} m_{001}^{(20)} m_{101}^{(21)} m_{030}^{(10)} \\
&+m_{001}^{(00)} m_{001}^{(20)} m_{020}^{(00)} m_{012}^{(11)} - 3m_{001}^{(00)} m_{001}^{(20)} m_{020}^{(10)} m_{102}^{(11)} - m_{001}^{(00)} m_{001}^{(20)} m_{020}^{(10)} m_{012}^{(10)} \\
&+3m_{001}^{(00)} m_{001}^{(20)} m_{020}^{(11)} m_{102}^{(10)} + 2m_{001}^{(00)} m_{001}^{(20)} m_{020}^{(20)} m_{111}^{(11)} - 2m_{001}^{(00)} m_{001}^{(20)} m_{020}^{(21)} m_{111}^{(10)} \\
&-2m_{001}^{(00)} m_{001}^{(20)} m_{011}^{(00)} m_{021}^{(11)} + 4m_{001}^{(00)} m_{001}^{(20)} m_{011}^{(10)} m_{111}^{(11)} + 2m_{001}^{(00)} m_{001}^{(20)} m_{011}^{(10)} m_{021}^{(10)} \\
&-4m_{001}^{(00)} m_{001}^{(20)} m_{011}^{(11)} m_{111}^{(10)} - 2m_{001}^{(00)} m_{001}^{(20)} m_{011}^{(20)} m_{120}^{(11)} + 2m_{001}^{(00)} m_{001}^{(20)} m_{011}^{(21)} m_{120}^{(10)} \\
&+m_{001}^{(00)} m_{001}^{(20)} m_{002}^{(00)} m_{030}^{(11)} - m_{001}^{(00)} m_{001}^{(20)} m_{002}^{(10)} m_{120}^{(11)} - m_{001}^{(00)} m_{001}^{(20)} m_{002}^{(10)} m_{030}^{(10)} \\
&+m_{001}^{(00)} m_{001}^{(20)} m_{002}^{(11)} m_{120}^{(10)} - 2m_{001}^{(00)} m_{001}^{(21)} m_{200}^{(10)} m_{012}^{(11)} + 2m_{001}^{(00)} m_{001}^{(21)} m_{200}^{(11)} m_{012}^{(10)} \\
&+2m_{001}^{(00)} m_{001}^{(21)} m_{200}^{(20)} m_{021}^{(11)} - 2m_{001}^{(00)} m_{001}^{(21)} m_{200}^{(21)} m_{021}^{(10)} + 2m_{001}^{(00)} m_{001}^{(21)} m_{110}^{(10)} m_{102}^{(11)} \\
&-2m_{001}^{(00)} m_{001}^{(21)} m_{110}^{(11)} m_{102}^{(10)} - 2m_{001}^{(00)} m_{001}^{(21)} m_{110}^{(20)} m_{111}^{(11)} + 2m_{001}^{(00)} m_{001}^{(21)} m_{110}^{(21)} m_{111}^{(10)} \\
&+2m_{001}^{(00)} m_{001}^{(21)} m_{101}^{(10)} m_{111}^{(11)} - 2m_{001}^{(00)} m_{001}^{(21)} m_{101}^{(11)} m_{111}^{(10)} - 2m_{001}^{(00)} m_{001}^{(21)} m_{101}^{(20)} m_{120}^{(11)} \\
&+2m_{001}^{(00)} m_{001}^{(21)} m_{101}^{(21)} m_{120}^{(10)} - m_{001}^{(00)} m_{001}^{(21)} m_{020}^{(00)} m_{012}^{(10)} + m_{001}^{(00)} m_{001}^{(21)} m_{020}^{(10)} m_{102}^{(10)} \\
&+m_{001}^{(00)} m_{001}^{(21)} m_{020}^{(10)} m_{012}^{(00)} - m_{001}^{(00)} m_{001}^{(21)} m_{020}^{(11)} m_{102}^{(00)} + 2m_{001}^{(00)} m_{001}^{(21)} m_{011}^{(00)} m_{021}^{(10)} \\
&-2m_{001}^{(00)} m_{001}^{(21)} m_{011}^{(10)} m_{201}^{(11)} - 2m_{001}^{(00)} m_{001}^{(21)} m_{011}^{(10)} m_{111}^{(10)} - 2m_{001}^{(00)} m_{001}^{(21)} m_{011}^{(10)} m_{021}^{(00)} \\
&+2m_{001}^{(00)} m_{001}^{(21)} m_{011}^{(11)} m_{201}^{(10)} + 2m_{001}^{(00)} m_{001}^{(21)} m_{011}^{(11)} m_{111}^{(00)} + 2m_{001}^{(00)} m_{001}^{(21)} m_{011}^{(20)} m_{210}^{(11)} \\
&-2m_{001}^{(00)} m_{001}^{(21)} m_{011}^{(21)} m_{210}^{(10)} - m_{001}^{(00)} m_{001}^{(21)} m_{002}^{(00)} m_{030}^{(10)} + m_{001}^{(00)} m_{001}^{(21)} m_{002}^{(10)} m_{120}^{(10)} \\
&+m_{001}^{(00)} m_{001}^{(21)} m_{002}^{(10)} m_{030}^{(00)} - m_{001}^{(00)} m_{001}^{(21)} m_{002}^{(11)} m_{120}^{(00)} + m_{001}^{(00)} m_{001}^{(22)} m_{200}^{(10)} m_{021}^{(11)}
\end{aligned}
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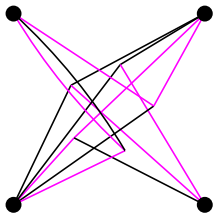
\begin{aligned}
&-m_{001}^{(00)}m_{001}^{(22)}m_{200}^{(11)}m_{021}^{(10)} - m_{001}^{(00)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(11)} + m_{001}^{(00)}m_{001}^{(22)}m_{200}^{(21)}m_{030}^{(10)}\\
&-2m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(11)} + 2m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(11)}m_{111}^{(10)} + 2m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(11)}\\
&-2m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(21)}m_{120}^{(10)} + m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(11)} - m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(11)}m_{201}^{(10)}\\
&-m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(11)} + m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(21)}m_{210}^{(10)} + 2(m_{001}^{(10)})^2m_{110}^{(00)}m_{003}^{(11)}\\
&-2(m_{001}^{(10)})^2m_{110}^{(11)}m_{003}^{(00)} - 2(m_{001}^{(10)})^2m_{110}^{(20)}m_{102}^{(11)} - 2(m_{001}^{(10)})^2m_{110}^{(20)}m_{012}^{(10)}\\
&+2(m_{001}^{(10)})^2m_{110}^{(21)}m_{102}^{(10)} + 2(m_{001}^{(10)})^2m_{110}^{(21)}m_{012}^{(00)} - 2(m_{001}^{(10)})^2m_{101}^{(00)}m_{012}^{(11)}\\
&+2(m_{001}^{(10)})^2m_{101}^{(11)}m_{012}^{(00)} + 2(m_{001}^{(10)})^2m_{101}^{(20)}m_{111}^{(11)} + 2(m_{001}^{(10)})^2m_{101}^{(20)}m_{021}^{(10)}\\
&-2(m_{001}^{(10)})^2m_{101}^{(21)}m_{111}^{(10)} - 2(m_{001}^{(10)})^2m_{101}^{(21)}m_{021}^{(00)} - 2(m_{001}^{(10)})^2m_{011}^{(00)}m_{102}^{(11)}\\
&+2(m_{001}^{(10)})^2m_{011}^{(11)}m_{102}^{(00)} + 2(m_{001}^{(10)})^2m_{011}^{(20)}m_{201}^{(11)} + 2(m_{001}^{(10)})^2m_{011}^{(20)}m_{111}^{(10)}\\
&-2(m_{001}^{(10)})^2m_{011}^{(21)}m_{201}^{(10)} - 2(m_{001}^{(10)})^2m_{011}^{(21)}m_{111}^{(00)} + 2(m_{001}^{(10)})^2m_{002}^{(00)}m_{111}^{(11)}\\
&-2(m_{001}^{(10)})^2m_{002}^{(11)}m_{111}^{(00)} - 2(m_{001}^{(10)})^2m_{002}^{(20)}m_{210}^{(11)} - 2(m_{001}^{(10)})^2m_{002}^{(20)}m_{120}^{(10)}\\
&+2(m_{001}^{(10)})^2m_{002}^{(21)}m_{210}^{(10)} + 2(m_{001}^{(10)})^2m_{002}^{(21)}m_{120}^{(00)} - m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(00)}m_{200}^{(11)}m_{003}\\
&+m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(11)}m_{200}^{(00)}m_{003} + m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(11)}m_{102} + m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{012}\\
&-m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{102} - m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{012} - 2m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(00)}m_{110}^{(10)}m_{003}\\
&+2m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(10)}m_{110}^{(00)}m_{003} + 2m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{102} - 2m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{102}\\
&+2m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(00)}m_{101}^{(11)}m_{102} + 2m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(00)}m_{101}^{(10)}m_{012} - 2m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(10)}m_{101}^{(00)}m_{012}\\
&-2m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(11)}m_{101}^{(00)}m_{102} - 2m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{201} - 4m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{111}\\
&+2m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{201} + 4m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{111} + 2m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(00)}m_{011}^{(10)}m_{102}\\
&-2m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(10)}m_{011}^{(00)}m_{102} - 2m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{201} + 2m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{201}\\
&-m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(00)}m_{002}^{(11)}m_{201} - 2m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(00)}m_{002}^{(10)}m_{111} + 2m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(10)}m_{002}^{(00)}m_{111}\\
&+m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(11)}m_{002}^{(00)}m_{201} + m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{002}^{(11)}m_{300} + 3m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{002}^{(10)}m_{210}\\
&-m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{002}^{(10)}m_{300} - 3m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{002}^{(00)}m_{210} - 4m_{001}^{(10)}m_{001}^{(20)}m_{001}^{(00)}m_{110}^{(11)}m_{012}\\
&+2m_{001}^{(10)}m_{001}^{(20)}m_{001}^{(10)}m_{110}^{(11)}m_{102} + 2m_{001}^{(10)}m_{001}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{012} - 2m_{001}^{(10)}m_{001}^{(20)}m_{001}^{(11)}m_{110}^{(10)}m_{102}\\
&+2m_{001}^{(10)}m_{001}^{(20)}m_{001}^{(11)}m_{110}^{(00)}m_{012} + 2m_{001}^{(10)}m_{001}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{111} + 2m_{001}^{(10)}m_{001}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{021}\\
&-2m_{001}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{111} - 2m_{001}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{021} + 4m_{001}^{(10)}m_{001}^{(20)}m_{001}^{(00)}m_{101}^{(11)}m_{021}\\
&-2m_{001}^{(10)}m_{001}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{111} - 2m_{001}^{(10)}m_{001}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{021} + 2m_{001}^{(10)}m_{001}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{111}\\
&-2m_{001}^{(10)}m_{001}^{(20)}m_{001}^{(11)}m_{101}^{(00)}m_{021} - 2m_{001}^{(10)}m_{001}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{120} - 2m_{001}^{(10)}m_{001}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{030}\\
&+2m_{001}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{120} + 2m_{001}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{101}^{(00)}m_{030} + 2m_{001}^{(10)}m_{001}^{(20)}m_{001}^{(00)}m_{020}^{(11)}m_{102}\\
&-2m_{001}^{(10)}m_{001}^{(20)}m_{001}^{(11)}m_{020}^{(00)}m_{102} - 2m_{001}^{(10)}m_{001}^{(20)}m_{001}^{(20)}m_{020}^{(11)}m_{201} - 2m_{001}^{(10)}m_{001}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{111}\\
&+2m_{001}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{201} + 2m_{001}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{111} - 2m_{001}^{(10)}m_{001}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{201}\\
&-2m_{001}^{(10)}m_{001}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{111} + 2m_{001}^{(10)}m_{001}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{201} + 2m_{001}^{(10)}m_{001}^{(20)}m_{001}^{(11)}m_{011}^{(00)}m_{111}\\
&+2m_{001}^{(10)}m_{001}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{210} + 2m_{001}^{(10)}m_{001}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{120} - 2m_{001}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{210}\\
&-2m_{001}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{120} - 2m_{001}^{(10)}m_{001}^{(20)}m_{002}^{(00)}m_{120}^{(11)} + 2m_{001}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{210}^{(11)}\\
&+2m_{001}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{120}^{(10)} - 2m_{001}^{(10)}m_{001}^{(20)}m_{002}^{(11)}m_{210}^{(10)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(00)}m_{012}^{(11)}\\
&-2m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{012}^{(00)} - 2m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(11)} - 2m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(10)}\\
&+2m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(10)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(00)} - 2m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{102}^{(11)}\\
&+2m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{012}^{(10)} - 2m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(10)} - 2m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{012}^{(00)}\\
&+4m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(11)}m_{102}^{(00)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(11)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(10)}
\end{aligned}
$$

$$
\begin{aligned}
&-2m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(10)} - 2m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(00)} - 2m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(11)}\\
&-2m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{021}^{(10)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(10)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(00)}\\
&+2m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(11)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(10)} - 2m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(10)}\\
&-2m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(00)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{201}^{(11)} - 2m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(10)}\\
&+2m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(10)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(00)} - 4m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(11)}m_{201}^{(00)}\\
&-2m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(11)} - 2m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(10)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(10)}\\
&+2m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(00)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{002}^{(00)}m_{120}^{(10)} - 2m_{001}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{210}^{(10)}\\
&-2m_{001}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{120}^{(00)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{002}^{(11)}m_{210}^{(00)} - m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(00)}m_{021}^{(11)}\\
&+m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{021}^{(00)} + m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(20)}m_{120}^{(11)} + m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(10)}\\
&-m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(10)} - m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{030}^{(00)} + 2m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{111}^{(11)}\\
&-2m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{111}^{(00)} - 2m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{210}^{(11)} - 2m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(10)}\\
&+2m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(10)} + 2m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{120}^{(00)} - m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{201}^{(11)}\\
&+m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(11)}m_{201}^{(00)} + m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{300}^{(11)} + m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(10)}\\
&-m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(10)} - m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(21)}m_{210}^{(00)} + (m_{001}^{(11)})^2m_{200}^{(00)}m_{003}^{(10)}\\
&-(m_{001}^{(11)})^2m_{200}^{(10)}m_{003}^{(00)} - (m_{001}^{(11)})^2m_{200}^{(20)}m_{102}^{(10)} + (m_{001}^{(11)})^2m_{200}^{(21)}m_{102}^{(00)}\\
&-2(m_{001}^{(11)})^2m_{101}^{(00)}m_{102}^{(10)} + 2(m_{001}^{(11)})^2m_{101}^{(10)}m_{102}^{(00)} + 2(m_{001}^{(11)})^2m_{101}^{(20)}m_{201}^{(10)}\\
&-2(m_{001}^{(11)})^2m_{101}^{(21)}m_{201}^{(00)} + (m_{001}^{(11)})^2m_{002}^{(00)}m_{201}^{(10)} - (m_{001}^{(11)})^2m_{002}^{(10)}m_{201}^{(00)}\\
&-(m_{001}^{(11)})^2m_{002}^{(20)}m_{300}^{(10)} + (m_{001}^{(11)})^2m_{002}^{(21)}m_{300}^{(00)} + m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(00)}m_{012}^{(11)}\\
&-m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{102}^{(11)} - m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{012}^{(10)} + m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(11)}m_{102}^{(10)}\\
&+2m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(00)}m_{012}^{(10)} - 2m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(00)} - 2m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(10)}\\
&+2m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(00)} - 2m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{111}^{(11)} - 2m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{021}^{(10)}\\
&+2m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{201}^{(11)} + 2m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(10)} + 2m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(00)}\\
&-2m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{201}^{(10)} + 2m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(10)} - 2m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(00)}\\
&-2m_{001}^{(11)}m_{001}^{(20)}m_{020}^{(00)}m_{102}^{(10)} + 2m_{001}^{(11)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(00)} + 2m_{001}^{(11)}m_{001}^{(20)}m_{020}^{(20)}m_{201}^{(10)}\\
&-2m_{001}^{(11)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(00)} + 2m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{111}^{(10)} - 2m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(00)}\\
&-2m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(10)} + 2m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(00)} + m_{001}^{(11)}m_{001}^{(20)}m_{002}^{(00)}m_{210}^{(11)}\\
&-m_{001}^{(11)}m_{001}^{(20)}m_{002}^{(10)}m_{300}^{(11)} - m_{001}^{(11)}m_{001}^{(20)}m_{002}^{(10)}m_{210}^{(10)} + m_{001}^{(11)}m_{001}^{(20)}m_{002}^{(11)}m_{300}^{(10)}\\
&-3m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{012}^{(10)} + m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{102}^{(10)} + 3m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(00)}\\
&-m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(11)}m_{102}^{(00)} + 2m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(10)} - 2m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(00)}\\
&+2m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{102}^{(10)} - 2m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(00)} - 2m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(10)}\\
&+2m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(00)} + 4m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(10)} - 2m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{201}^{(10)}\\
&-4m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(00)} + 2m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(00)} - 2m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(10)}\\
&+2m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(00)} - 2m_{001}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{201}^{(10)} + 2m_{001}^{(11)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(00)}\\
&+2m_{001}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(10)} - 2m_{001}^{(11)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(00)} - m_{001}^{(11)}m_{001}^{(21)}m_{002}^{(00)}m_{210}^{(10)}\\
&+m_{001}^{(11)}m_{001}^{(21)}m_{002}^{(10)}m_{300}^{(10)} + m_{001}^{(11)}m_{001}^{(21)}m_{002}^{(10)}m_{210}^{(00)} - m_{001}^{(11)}m_{001}^{(21)}m_{002}^{(11)}m_{300}^{(00)}\\
&+m_{001}^{(11)}m_{001}^{(22)}m_{200}^{(00)}m_{021}^{(10)} - m_{001}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(00)} - m_{001}^{(11)}m_{001}^{(22)}m_{200}^{(20)}m_{120}^{(10)}\\
&+m_{001}^{(11)}m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(00)} - 2m_{001}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{111}^{(10)} + 2m_{001}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(00)}\\
&+2m_{001}^{(11)}m_{001}^{(22)}m_{110}^{(20)}m_{210}^{(10)} - 2m_{001}^{(11)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(00)} + m_{001}^{(11)}m_{001}^{(22)}m_{020}^{(00)}m_{201}^{(10)}
\end{aligned}
$$

$$
\begin{aligned}
&-m_{001}^{(11)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(00)} - m_{001}^{(11)}m_{001}^{(22)}m_{020}^{(20)}m_{300}^{(10)} + m_{001}^{(11)}m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(00)}\\
&+2(m_{001}^{(20)})^2m_{110}^{(00)}m_{021}^{(11)} - 2(m_{001}^{(20)})^2m_{110}^{(10)}m_{111}^{(11)} - 2(m_{001}^{(20)})^2m_{110}^{(10)}m_{021}^{(10)}\\
&+2(m_{001}^{(20)})^2m_{110}^{(11)}m_{111}^{(10)} - 2(m_{001}^{(20)})^2m_{101}^{(00)}m_{030}^{(11)} + 2(m_{001}^{(20)})^2m_{101}^{(10)}m_{120}^{(11)}\\
&+2(m_{001}^{(20)})^2m_{101}^{(10)}m_{030}^{(10)} - 2(m_{001}^{(20)})^2m_{101}^{(11)}m_{120}^{(10)} - 2(m_{001}^{(20)})^2m_{020}^{(00)}m_{111}^{(11)}\\
&+2(m_{001}^{(20)})^2m_{020}^{(10)}m_{201}^{(11)} + 2(m_{001}^{(20)})^2m_{020}^{(10)}m_{111}^{(10)} - 2(m_{001}^{(20)})^2m_{020}^{(11)}m_{201}^{(10)}\\
&+2(m_{001}^{(20)})^2m_{011}^{(00)}m_{120}^{(11)} - 2(m_{001}^{(20)})^2m_{011}^{(10)}m_{210}^{(11)} - 2(m_{001}^{(20)})^2m_{011}^{(10)}m_{120}^{(10)}\\
&+2(m_{001}^{(20)})^2m_{011}^{(11)}m_{210}^{(10)} - 2m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(11)} + 2m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(11)}\\
&+2m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(10)} - 2m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(10)} + 2m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(11)}\\
&-2m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{021}^{(10)} - 2m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(11)} + 2m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{021}^{(00)}\\
&+2m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(10)} - 2m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{111}^{(00)} + 2m_{001}^{(20)}m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(11)}\\
&+2m_{001}^{(20)}m_{001}^{(21)}m_{101}^{(00)}m_{030}^{(10)} - 2m_{001}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(10)} - 4m_{001}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(10)}\\
&-2m_{001}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{030}^{(00)} + 2m_{001}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(10)} + 2m_{001}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{120}^{(00)}\\
&+2m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(10)} - 2m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(10)} - 2m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{111}^{(00)}\\
&+2m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(11)}m_{201}^{(00)} - 2m_{001}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(11)} - 2m_{001}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{120}^{(10)}\\
&+2m_{001}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(11)} + 4m_{001}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(10)} + 2m_{001}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{120}^{(00)}\\
&-2m_{001}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{300}^{(10)} - 2m_{001}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{210}^{(00)} + m_{001}^{(20)}m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(11)}\\
&-m_{001}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(11)} - m_{001}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(10)} + m_{001}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(10)}\\
&-2m_{001}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(11)} + 2m_{001}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(11)} + 2m_{001}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(10)}\\
&-2m_{001}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(10)} + m_{001}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(11)} - m_{001}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(11)}\\
&-m_{001}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(10)} + m_{001}^{(20)}m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(10)} + 2(m_{001}^{(21)})^2m_{200}^{(00)}m_{021}^{(10)}\\
&-2(m_{001}^{(21)})^2m_{200}^{(10)}m_{111}^{(10)} - 2(m_{001}^{(21)})^2m_{200}^{(10)}m_{021}^{(00)} + 2(m_{001}^{(21)})^2m_{200}^{(11)}m_{111}^{(00)}\\
&-2(m_{001}^{(21)})^2m_{110}^{(00)}m_{111}^{(10)} + 2(m_{001}^{(21)})^2m_{110}^{(10)}m_{201}^{(10)} + 2(m_{001}^{(21)})^2m_{110}^{(10)}m_{111}^{(00)}\\
&-2(m_{001}^{(21)})^2m_{110}^{(11)}m_{201}^{(00)} - 2(m_{001}^{(21)})^2m_{101}^{(00)}m_{120}^{(10)} + 2(m_{001}^{(21)})^2m_{101}^{(10)}m_{210}^{(10)}\\
&+2(m_{001}^{(21)})^2m_{101}^{(10)}m_{120}^{(00)} - 2(m_{001}^{(21)})^2m_{101}^{(11)}m_{210}^{(00)} + 2(m_{001}^{(21)})^2m_{011}^{(00)}m_{210}^{(10)}\\
&-2(m_{001}^{(21)})^2m_{011}^{(10)}m_{300}^{(10)} - 2(m_{001}^{(21)})^2m_{011}^{(10)}m_{210}^{(00)} + 2(m_{001}^{(21)})^2m_{011}^{(11)}m_{300}^{(00)}\\
&-m_{001}^{(21)}m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(10)} + m_{001}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(10)} + m_{001}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(00)}\\
&-m_{001}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(00)} + 2m_{001}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(10)} - 2m_{001}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(10)}\\
&-2m_{001}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(00)} + 2m_{001}^{(21)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(00)} - m_{001}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(10)}\\
&+m_{001}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(10)} + m_{001}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(00)} - m_{001}^{(21)}m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{rrrrr}
V1 & 1 & 1 & 1 & V1\\
V2 & V2 & 3 & 3 & V3\\
2 & V3 & V4 & V4 & 4
\end{array}
$$



$$
\begin{aligned}
T_{97} \;=\;& m_{100}^{(00)} m_{100}^{(10)} m_{020}^{(11)} m_{003}^{(22)} - 2 m_{100}^{(00)} m_{100}^{(10)} m_{020}^{(21)} m_{003}^{(21)} + m_{100}^{(00)} m_{100}^{(10)} m_{020}^{(22)} m_{003}^{(11)} \\
& - 2 m_{100}^{(00)} m_{100}^{(10)} m_{011}^{(11)} m_{012}^{(22)} + 4 m_{100}^{(00)} m_{100}^{(10)} m_{011}^{(21)} m_{012}^{(21)} - 2 m_{100}^{(00)} m_{100}^{(10)} m_{011}^{(22)} m_{012}^{(11)} \\
& + m_{100}^{(00)} m_{100}^{(10)} m_{002}^{(11)} m_{021}^{(22)} - 2 m_{100}^{(00)} m_{100}^{(10)} m_{002}^{(21)} m_{021}^{(21)} + m_{100}^{(00)} m_{100}^{(10)} m_{002}^{(22)} m_{021}^{(11)} \\
& - m_{100}^{(00)} m_{100}^{(11)} m_{110}^{(11)} m_{003}^{(22)} + 2 m_{100}^{(00)} m_{100}^{(11)} m_{110}^{(21)} m_{003}^{(21)} - m_{100}^{(00)} m_{100}^{(11)} m_{110}^{(22)} m_{003}^{(11)} \\
& + m_{100}^{(00)} m_{100}^{(11)} m_{101}^{(11)} m_{012}^{(22)} - 2 m_{100}^{(00)} m_{100}^{(11)} m_{101}^{(21)} m_{012}^{(21)} + m_{100}^{(00)} m_{100}^{(11)} m_{101}^{(22)} m_{012}^{(11)} \\
& + m_{100}^{(00)} m_{100}^{(11)} m_{011}^{(11)} m_{102}^{(22)} - 2 m_{100}^{(00)} m_{100}^{(11)} m_{011}^{(21)} m_{102}^{(21)} + m_{100}^{(00)} m_{100}^{(11)} m_{011}^{(22)} m_{102}^{(11)} \\
& - m_{100}^{(00)} m_{100}^{(11)} m_{002}^{(11)} m_{111}^{(22)} + 2 m_{100}^{(00)} m_{100}^{(11)} m_{002}^{(21)} m_{111}^{(21)} - m_{100}^{(00)} m_{100}^{(11)} m_{002}^{(22)} m_{111}^{(11)} \\
& - m_{100}^{(00)} m_{100}^{(20)} m_{020}^{(11)} m_{012}^{(22)} + 2 m_{100}^{(00)} m_{100}^{(20)} m_{020}^{(21)} m_{012}^{(21)} - m_{100}^{(00)} m_{100}^{(20)} m_{020}^{(22)} m_{012}^{(11)} \\
& + 2 m_{100}^{(00)} m_{100}^{(20)} m_{011}^{(11)} m_{021}^{(22)} - 4 m_{100}^{(00)} m_{100}^{(20)} m_{011}^{(21)} m_{021}^{(21)} + 2 m_{100}^{(00)} m_{100}^{(20)} m_{011}^{(22)} m_{021}^{(11)} \\
& - m_{100}^{(00)} m_{100}^{(20)} m_{002}^{(11)} m_{030}^{(22)} + 2 m_{100}^{(00)} m_{100}^{(20)} m_{002}^{(21)} m_{030}^{(21)} - m_{100}^{(00)} m_{100}^{(20)} m_{002}^{(22)} m_{030}^{(11)} \\
& + 2 m_{100}^{(00)} m_{100}^{(21)} m_{110}^{(11)} m_{012}^{(22)} - 4 m_{100}^{(00)} m_{100}^{(21)} m_{110}^{(21)} m_{012}^{(21)} + 2 m_{100}^{(00)} m_{100}^{(21)} m_{110}^{(22)} m_{012}^{(11)} \\
& - 2 m_{100}^{(00)} m_{100}^{(21)} m_{101}^{(11)} m_{021}^{(22)} + 4 m_{100}^{(00)} m_{100}^{(21)} m_{101}^{(21)} m_{021}^{(21)} - 2 m_{100}^{(00)} m_{100}^{(21)} m_{101}^{(22)} m_{021}^{(11)} \\
& - m_{100}^{(00)} m_{100}^{(21)} m_{020}^{(11)} m_{102}^{(22)} + 2 m_{100}^{(00)} m_{100}^{(21)} m_{020}^{(21)} m_{102}^{(21)} - m_{100}^{(00)} m_{100}^{(21)} m_{020}^{(22)} m_{102}^{(11)} \\
& + m_{100}^{(00)} m_{100}^{(21)} m_{002}^{(11)} m_{120}^{(22)} - 2 m_{100}^{(00)} m_{100}^{(21)} m_{002}^{(21)} m_{120}^{(21)} + m_{100}^{(00)} m_{100}^{(21)} m_{002}^{(22)} m_{120}^{(11)} \\
& - m_{100}^{(00)} m_{100}^{(22)} m_{110}^{(11)} m_{021}^{(22)} + 2 m_{100}^{(00)} m_{100}^{(22)} m_{110}^{(21)} m_{021}^{(21)} - m_{100}^{(00)} m_{100}^{(22)} m_{110}^{(22)} m_{021}^{(11)} \\
& + m_{100}^{(00)} m_{100}^{(22)} m_{101}^{(11)} m_{030}^{(22)} - 2 m_{100}^{(00)} m_{100}^{(22)} m_{101}^{(21)} m_{030}^{(21)} + m_{100}^{(00)} m_{100}^{(22)} m_{101}^{(22)} m_{030}^{(11)} \\
& + m_{100}^{(00)} m_{100}^{(22)} m_{020}^{(11)} m_{111}^{(22)} - 2 m_{100}^{(00)} m_{100}^{(22)} m_{020}^{(21)} m_{111}^{(21)} + m_{100}^{(00)} m_{100}^{(22)} m_{020}^{(22)} m_{111}^{(11)} \\
& - m_{100}^{(00)} m_{100}^{(22)} m_{011}^{(11)} m_{120}^{(22)} + 2 m_{100}^{(00)} m_{100}^{(22)} m_{011}^{(21)} m_{120}^{(21)} - m_{100}^{(00)} m_{100}^{(22)} m_{011}^{(22)} m_{120}^{(11)} \\
& - m_{100}^{(00)} m_{010}^{(00)} m_{020}^{(11)} m_{003}^{(22)} + 2 m_{100}^{(00)} m_{010}^{(00)} m_{020}^{(21)} m_{003}^{(21)} - m_{100}^{(00)} m_{010}^{(00)} m_{020}^{(22)} m_{003}^{(11)} \\
& + 2 m_{100}^{(00)} m_{010}^{(00)} m_{011}^{(11)} m_{012}^{(22)} - 4 m_{100}^{(00)} m_{010}^{(00)} m_{011}^{(21)} m_{012}^{(21)} + 2 m_{100}^{(00)} m_{010}^{(00)} m_{011}^{(22)} m_{012}^{(11)} \\
& - m_{100}^{(00)} m_{010}^{(00)} m_{002}^{(11)} m_{021}^{(22)} + 2 m_{100}^{(00)} m_{010}^{(00)} m_{002}^{(21)} m_{021}^{(21)} - m_{100}^{(00)} m_{010}^{(00)} m_{002}^{(22)} m_{021}^{(11)} \\
& + m_{100}^{(00)} m_{010}^{(10)} m_{110}^{(11)} m_{003}^{(22)} - 2 m_{100}^{(00)} m_{010}^{(10)} m_{110}^{(21)} m_{003}^{(21)} + m_{100}^{(00)} m_{010}^{(10)} m_{110}^{(22)} m_{003}^{(11)} \\
& - m_{100}^{(00)} m_{010}^{(10)} m_{101}^{(11)} m_{012}^{(22)} + 2 m_{100}^{(00)} m_{010}^{(10)} m_{101}^{(21)} m_{012}^{(21)} - m_{100}^{(00)} m_{010}^{(10)} m_{101}^{(22)} m_{012}^{(11)} \\
& - m_{100}^{(00)} m_{010}^{(10)} m_{011}^{(11)} m_{102}^{(22)} + 2 m_{100}^{(00)} m_{010}^{(10)} m_{011}^{(21)} m_{102}^{(21)} - m_{100}^{(00)} m_{010}^{(10)} m_{011}^{(22)} m_{102}^{(11)} \\
& + m_{100}^{(00)} m_{010}^{(10)} m_{002}^{(11)} m_{111}^{(22)} - 2 m_{100}^{(00)} m_{010}^{(10)} m_{002}^{(21)} m_{111}^{(21)} + m_{100}^{(00)} m_{010}^{(10)} m_{002}^{(22)} m_{111}^{(11)} \\
& - m_{100}^{(00)} m_{010}^{(20)} m_{110}^{(11)} m_{012}^{(22)} + 2 m_{100}^{(00)} m_{010}^{(20)} m_{110}^{(21)} m_{012}^{(21)} - m_{100}^{(00)} m_{010}^{(20)} m_{110}^{(22)} m_{012}^{(11)} \\
& + m_{100}^{(00)} m_{010}^{(20)} m_{101}^{(11)} m_{021}^{(22)} - 2 m_{100}^{(00)} m_{010}^{(20)} m_{101}^{(21)} m_{021}^{(21)} + m_{100}^{(00)} m_{010}^{(20)} m_{101}^{(22)} m_{021}^{(11)} \\
& + m_{100}^{(00)} m_{010}^{(20)} m_{020}^{(10)} m_{012}^{(22)} - m_{100}^{(00)} m_{010}^{(20)} m_{020}^{(10)} m_{003}^{(21)} + m_{100}^{(00)} m_{010}^{(20)} m_{020}^{(11)} m_{102}^{(22)} \\
& + m_{100}^{(00)} m_{010}^{(20)} m_{020}^{(11)} m_{003}^{(20)} - m_{100}^{(00)} m_{010}^{(20)} m_{020}^{(20)} m_{012}^{(21)} + m_{100}^{(00)} m_{010}^{(20)} m_{020}^{(20)} m_{003}^{(11)} \\
& - 2 m_{100}^{(00)} m_{010}^{(20)} m_{020}^{(21)} m_{102}^{(21)} - m_{100}^{(00)} m_{010}^{(20)} m_{020}^{(21)} m_{012}^{(20)} - m_{100}^{(00)} m_{010}^{(20)} m_{020}^{(21)} m_{003}^{(10)} \\
& + m_{100}^{(00)} m_{010}^{(20)} m_{020}^{(22)} m_{102}^{(11)} + m_{100}^{(00)} m_{010}^{(20)} m_{020}^{(22)} m_{012}^{(10)} - 2 m_{100}^{(00)} m_{010}^{(20)} m_{011}^{(10)} m_{012}^{(22)} \\
& + 2 m_{100}^{(00)} m_{010}^{(20)} m_{011}^{(10)} m_{012}^{(21)} - m_{100}^{(00)} m_{010}^{(20)} m_{011}^{(11)} m_{111}^{(22)} - 2 m_{100}^{(00)} m_{010}^{(20)} m_{011}^{(11)} m_{012}^{(20)} \\
& + 2 m_{100}^{(00)} m_{010}^{(20)} m_{011}^{(20)} m_{021}^{(21)} - 2 m_{100}^{(00)} m_{010}^{(20)} m_{011}^{(20)} m_{012}^{(11)} + 2 m_{100}^{(00)} m_{010}^{(20)} m_{011}^{(21)} m_{111}^{(21)} \\
& + 2 m_{100}^{(00)} m_{010}^{(20)} m_{011}^{(21)} m_{021}^{(20)} + 2 m_{100}^{(00)} m_{010}^{(20)} m_{011}^{(21)} m_{012}^{(10)} - m_{100}^{(00)} m_{010}^{(20)} m_{011}^{(22)} m_{111}^{(11)} \\
& - 2 m_{100}^{(00)} m_{010}^{(20)} m_{011}^{(22)} m_{021}^{(10)} + m_{100}^{(00)} m_{010}^{(20)} m_{002}^{(10)} m_{030}^{(22)} - m_{100}^{(00)} m_{010}^{(20)} m_{002}^{(10)} m_{021}^{(21)} \\
& + m_{100}^{(00)} m_{010}^{(20)} m_{002}^{(11)} m_{021}^{(20)} - m_{100}^{(00)} m_{010}^{(20)} m_{002}^{(20)} m_{030}^{(21)} + m_{100}^{(00)} m_{010}^{(20)} m_{002}^{(20)} m_{021}^{(11)} \\
& - m_{100}^{(00)} m_{010}^{(20)} m_{002}^{(21)} m_{030}^{(20)} - m_{100}^{(00)} m_{010}^{(20)} m_{002}^{(21)} m_{021}^{(10)} + m_{100}^{(00)} m_{010}^{(20)} m_{002}^{(22)} m_{030}^{(10)} \\
& - m_{100}^{(00)} m_{010}^{(21)} m_{110}^{(10)} m_{012}^{(22)} + m_{100}^{(00)} m_{010}^{(21)} m_{110}^{(10)} m_{003}^{(21)} - m_{100}^{(00)} m_{010}^{(21)} m_{110}^{(11)} m_{003}^{(20)}
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&+m_{100}^{(00)}m_{010}^{(21)}m_{110}^{(20)}m_{012}^{(21)} - m_{100}^{(00)}m_{010}^{(21)}m_{110}^{(20)}m_{003}^{(11)} + m_{100}^{(00)}m_{010}^{(21)}m_{110}^{(21)}m_{012}^{(20)}\\
&+m_{100}^{(00)}m_{010}^{(21)}m_{110}^{(21)}m_{003}^{(10)} - m_{100}^{(00)}m_{010}^{(21)}m_{110}^{(22)}m_{012}^{(10)} + m_{100}^{(00)}m_{010}^{(21)}m_{101}^{(10)}m_{021}^{(22)}\\
&-m_{100}^{(00)}m_{010}^{(21)}m_{101}^{(10)}m_{012}^{(21)} + m_{100}^{(00)}m_{010}^{(21)}m_{101}^{(11)}m_{012}^{(20)} - m_{100}^{(00)}m_{010}^{(21)}m_{101}^{(20)}m_{021}^{(21)}\\
&+m_{100}^{(00)}m_{010}^{(21)}m_{101}^{(20)}m_{012}^{(11)} - m_{100}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{021}^{(20)} - m_{100}^{(00)}m_{010}^{(21)}m_{101}^{(10)}m_{012}^{(10)}\\
&+m_{100}^{(00)}m_{010}^{(21)}m_{101}^{(22)}m_{021}^{(10)} + m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(10)}m_{111}^{(22)} - m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(10)}m_{102}^{(21)}\\
&+m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(11)}m_{102}^{(20)} - m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{111}^{(21)} + m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{102}^{(11)}\\
&-m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{111}^{(20)} - m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(10)}m_{102}^{(21)} + m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{111}^{(10)}\\
&-m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(10)}m_{120}^{(22)} + m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(10)}m_{111}^{(21)} - m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(11)}m_{111}^{(20)}\\
&+m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(20)}m_{120}^{(21)} - m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(20)}m_{111}^{(11)} + m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(21)}m_{120}^{(20)}\\
&+m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(21)}m_{111}^{(10)} - m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(22)}m_{120}^{(10)} + m_{100}^{(00)}m_{010}^{(22)}m_{110}^{(10)}m_{021}^{(22)}\\
&-m_{100}^{(00)}m_{010}^{(22)}m_{110}^{(10)}m_{012}^{(21)} + m_{100}^{(00)}m_{010}^{(22)}m_{110}^{(11)}m_{012}^{(20)} - m_{100}^{(00)}m_{010}^{(22)}m_{110}^{(20)}m_{021}^{(21)}\\
&+m_{100}^{(00)}m_{010}^{(22)}m_{110}^{(20)}m_{012}^{(11)} - m_{100}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{021}^{(20)} - m_{100}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{012}^{(10)}\\
&+m_{100}^{(00)}m_{010}^{(22)}m_{110}^{(22)}m_{021}^{(10)} - m_{100}^{(00)}m_{010}^{(22)}m_{101}^{(10)}m_{030}^{(22)} + m_{100}^{(00)}m_{010}^{(22)}m_{101}^{(10)}m_{021}^{(21)}\\
&-m_{100}^{(00)}m_{010}^{(22)}m_{101}^{(11)}m_{021}^{(20)} + m_{100}^{(00)}m_{010}^{(22)}m_{101}^{(20)}m_{030}^{(21)} - m_{100}^{(00)}m_{010}^{(22)}m_{101}^{(20)}m_{021}^{(11)}\\
&+m_{100}^{(00)}m_{010}^{(22)}m_{101}^{(21)}m_{030}^{(20)} + m_{100}^{(00)}m_{010}^{(22)}m_{101}^{(21)}m_{021}^{(10)} - m_{100}^{(00)}m_{010}^{(22)}m_{101}^{(22)}m_{030}^{(10)}\\
&-m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(10)}m_{111}^{(22)} + m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(10)}m_{102}^{(21)} - m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(11)}m_{102}^{(20)}\\
&+m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(20)}m_{111}^{(21)} - m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(20)}m_{102}^{(11)} + m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(21)}m_{111}^{(20)}\\
&+m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(21)}m_{102}^{(10)} - m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(22)}m_{111}^{(10)} + m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(10)}m_{120}^{(22)}\\
&-m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(10)}m_{111}^{(21)} + m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(11)}m_{111}^{(20)} - m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(20)}m_{120}^{(21)}\\
&+m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(20)}m_{111}^{(11)} - m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{120}^{(20)} - m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{111}^{(10)}\\
&+m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(22)}m_{120}^{(10)} + m_{100}^{(00)}m_{001}^{(00)}m_{020}^{(11)}m_{012}^{(22)} - 2m_{100}^{(00)}m_{001}^{(00)}m_{020}^{(21)}m_{012}^{(21)}\\
&+m_{100}^{(00)}m_{001}^{(00)}m_{020}^{(22)}m_{012}^{(11)} - 2m_{100}^{(00)}m_{001}^{(00)}m_{011}^{(11)}m_{021}^{(22)} + 4m_{100}^{(00)}m_{001}^{(00)}m_{011}^{(21)}m_{021}^{(21)}\\
&-2m_{100}^{(00)}m_{001}^{(00)}m_{011}^{(22)}m_{021}^{(11)} + m_{100}^{(00)}m_{001}^{(00)}m_{002}^{(11)}m_{030}^{(22)} - 2m_{100}^{(00)}m_{001}^{(00)}m_{002}^{(21)}m_{030}^{(21)}\\
&+m_{100}^{(00)}m_{001}^{(00)}m_{002}^{(22)}m_{030}^{(11)} - m_{100}^{(00)}m_{001}^{(10)}m_{110}^{(11)}m_{012}^{(22)} + 2m_{100}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(21)}\\
&-m_{100}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{012}^{(11)} + m_{100}^{(00)}m_{001}^{(10)}m_{101}^{(11)}m_{021}^{(22)} - 2m_{100}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(21)}\\
&+m_{100}^{(00)}m_{001}^{(10)}m_{101}^{(22)}m_{021}^{(11)} - m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(10)}m_{012}^{(22)} + m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(10)}m_{003}^{(21)}\\
&-m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(11)}m_{003}^{(20)} + m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{012}^{(21)} - m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{003}^{(11)}\\
&+m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{012}^{(20)} + m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{003}^{(10)} - m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{012}^{(10)}\\
&+2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{021}^{(22)} - 2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{012}^{(21)} + m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{111}^{(22)}\\
&+2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{012}^{(20)} - 2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{021}^{(21)} + 2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{012}^{(11)}\\
&-2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(21)} - 2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{021}^{(20)} - 2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{012}^{(10)}\\
&+m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{111}^{(11)} + 2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{021}^{(10)} - m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{030}^{(22)}\\
&+m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{021}^{(21)} - m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{120}^{(22)} - m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{021}^{(20)}\\
&+m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(20)}m_{030}^{(21)} - m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(20)}m_{021}^{(11)} + 2m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{120}^{(21)}\\
&+m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{030}^{(20)} + m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{021}^{(10)} - m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(22)}m_{120}^{(11)}\\
&-m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(22)}m_{030}^{(10)} + m_{100}^{(00)}m_{001}^{(11)}m_{110}^{(10)}m_{012}^{(22)} - m_{100}^{(00)}m_{001}^{(11)}m_{110}^{(10)}m_{003}^{(21)}\\
&+m_{100}^{(00)}m_{001}^{(11)}m_{110}^{(11)}m_{003}^{(20)} - m_{100}^{(00)}m_{001}^{(11)}m_{110}^{(20)}m_{012}^{(21)} + m_{100}^{(00)}m_{001}^{(11)}m_{110}^{(20)}m_{003}^{(11)}\\
&-m_{100}^{(00)}m_{001}^{(11)}m_{110}^{(21)}m_{012}^{(20)} - m_{100}^{(00)}m_{001}^{(11)}m_{110}^{(21)}m_{003}^{(10)} + m_{100}^{(00)}m_{001}^{(11)}m_{110}^{(22)}m_{012}^{(10)}
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&-m_{100}^{(00)}m_{001}^{(11)}m_{101}^{(10)}m_{021}^{(22)}+m_{100}^{(00)}m_{001}^{(11)}m_{101}^{(10)}m_{012}^{(21)}-m_{100}^{(00)}m_{001}^{(11)}m_{101}^{(11)}m_{012}^{(20)}\\
&+m_{100}^{(00)}m_{001}^{(11)}m_{101}^{(20)}m_{021}^{(21)}-m_{100}^{(00)}m_{001}^{(11)}m_{101}^{(20)}m_{012}^{(11)}+m_{100}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{021}^{(20)}\\
&+m_{100}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{012}^{(10)}-m_{100}^{(00)}m_{001}^{(11)}m_{101}^{(22)}m_{021}^{(10)}-m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(10)}m_{111}^{(22)}\\
&+m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(10)}m_{102}^{(21)}-m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(11)}m_{102}^{(20)}+m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(21)}\\
&-m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{102}^{(11)}+m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{111}^{(20)}+m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{102}^{(10)}\\
&-m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(22)}m_{111}^{(10)}+m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(10)}m_{120}^{(22)}-m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(10)}m_{111}^{(21)}\\
&+m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(11)}m_{111}^{(20)}-m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(20)}m_{120}^{(21)}+m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(20)}m_{111}^{(11)}\\
&-m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{120}^{(20)}-m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{111}^{(10)}+m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(22)}m_{120}^{(10)}\\
&+m_{100}^{(00)}m_{001}^{(20)}m_{110}^{(11)}m_{021}^{(22)}-2m_{100}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(21)}+m_{100}^{(00)}m_{001}^{(20)}m_{110}^{(22)}m_{021}^{(11)}\\
&-m_{100}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{030}^{(22)}+2m_{100}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{030}^{(21)}-m_{100}^{(00)}m_{001}^{(20)}m_{101}^{(22)}m_{030}^{(11)}\\
&-m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{111}^{(22)}+2m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(21)}-m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(22)}m_{111}^{(11)}\\
&+m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{120}^{(22)}-2m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(21)}+m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(22)}m_{120}^{(11)}\\
&-m_{100}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{021}^{(22)}+m_{100}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{012}^{(21)}-m_{100}^{(00)}m_{001}^{(21)}m_{110}^{(11)}m_{012}^{(20)}\\
&+m_{100}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{021}^{(21)}-m_{100}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{012}^{(11)}+m_{100}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{021}^{(20)}\\
&+m_{100}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{012}^{(10)}-m_{100}^{(00)}m_{001}^{(21)}m_{110}^{(22)}m_{021}^{(10)}+m_{100}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{030}^{(22)}\\
&-m_{100}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(21)}+m_{100}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{021}^{(20)}-m_{100}^{(00)}m_{001}^{(21)}m_{101}^{(20)}m_{030}^{(21)}\\
&+m_{100}^{(00)}m_{001}^{(21)}m_{101}^{(20)}m_{021}^{(11)}-m_{100}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{030}^{(20)}-m_{100}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{021}^{(10)}\\
&+m_{100}^{(00)}m_{001}^{(21)}m_{101}^{(22)}m_{030}^{(10)}+m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{111}^{(22)}-m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{102}^{(21)}\\
&+m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(11)}m_{102}^{(20)}-m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{111}^{(21)}+m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{102}^{(11)}\\
&-m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{111}^{(20)}-m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{102}^{(10)}+m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{111}^{(10)}\\
&-m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{120}^{(22)}+m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(21)}-m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{111}^{(20)}\\
&+m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{120}^{(21)}-m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{111}^{(11)}+m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{120}^{(20)}\\
&+m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{111}^{(10)}-m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(22)}m_{120}^{(10)}-(m_{100}^{(10)})^2m_{110}^{(11)}m_{003}^{(22)}\\
&+2(m_{100}^{(10)})^2m_{110}^{(21)}m_{003}^{(21)}-(m_{100}^{(10)})^2m_{110}^{(22)}m_{003}^{(11)}+(m_{100}^{(10)})^2m_{101}^{(11)}m_{012}^{(22)}\\
&-2(m_{100}^{(10)})^2m_{101}^{(21)}m_{012}^{(21)}+(m_{100}^{(10)})^2m_{101}^{(22)}m_{012}^{(11)}-(m_{100}^{(10)})^2m_{020}^{(10)}m_{003}^{(22)}\\
&+(m_{100}^{(10)})^2m_{020}^{(20)}m_{003}^{(21)}+(m_{100}^{(10)})^2m_{020}^{(21)}m_{003}^{(20)}-(m_{100}^{(10)})^2m_{020}^{(22)}m_{003}^{(10)}\\
&+2(m_{100}^{(10)})^2m_{011}^{(10)}m_{012}^{(22)}+(m_{100}^{(10)})^2m_{011}^{(11)}m_{102}^{(22)}-2(m_{100}^{(10)})^2m_{011}^{(20)}m_{012}^{(21)}\\
&-2(m_{100}^{(10)})^2m_{011}^{(21)}m_{102}^{(21)}-2(m_{100}^{(10)})^2m_{011}^{(21)}m_{012}^{(20)}+(m_{100}^{(10)})^2m_{011}^{(22)}m_{102}^{(11)}\\
&+2(m_{100}^{(10)})^2m_{011}^{(22)}m_{012}^{(10)}-(m_{100}^{(10)})^2m_{002}^{(10)}m_{021}^{(22)}-(m_{100}^{(10)})^2m_{002}^{(11)}m_{111}^{(22)}\\
&+(m_{100}^{(10)})^2m_{002}^{(20)}m_{021}^{(21)}+2(m_{100}^{(10)})^2m_{002}^{(21)}m_{111}^{(21)}+(m_{100}^{(10)})^2m_{002}^{(21)}m_{021}^{(20)}\\
&-(m_{100}^{(10)})^2m_{002}^{(22)}m_{111}^{(11)}-(m_{100}^{(10)})^2m_{002}^{(22)}m_{021}^{(10)}+m_{100}^{(10)}m_{100}^{(11)}m_{200}^{(11)}m_{003}^{(22)}\\
&-2m_{100}^{(10)}m_{100}^{(11)}m_{200}^{(21)}m_{003}^{(21)}+m_{100}^{(10)}m_{100}^{(11)}m_{200}^{(22)}m_{003}^{(11)}+2m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(10)}m_{003}^{(22)}\\
&-2m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(20)}m_{003}^{(21)}-2m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(21)}m_{003}^{(20)}+2m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(22)}m_{003}^{(10)}\\
&-2m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(10)}m_{012}^{(22)}-2m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(11)}m_{102}^{(22)}+2m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(20)}m_{012}^{(21)}\\
&+4m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(21)}m_{102}^{(21)}+2m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(21)}m_{012}^{(20)}-2m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(22)}m_{102}^{(11)}\\
&-2m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(22)}m_{012}^{(10)}-2m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(10)}m_{102}^{(22)}+2m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(20)}m_{102}^{(21)}\\
&+2m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(21)}m_{102}^{(20)}-2m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(22)}m_{102}^{(10)}+2m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(10)}m_{111}^{(22)}\\
&+m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(11)}m_{201}^{(22)}-2m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(20)}m_{111}^{(21)}-2m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(21)}m_{201}^{(21)}
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&-2m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(21)}m_{111}^{(20)} + m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(22)}m_{201}^{(11)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(22)}m_{111}^{(10)}\\
&+2m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(11)}m_{012}^{(22)} - 4m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{012}^{(21)} + 2m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(22)}m_{012}^{(11)}\\
&-2m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(11)}m_{021}^{(22)} + 4m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{021}^{(21)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(22)}m_{021}^{(11)}\\
&+m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(10)}m_{012}^{(22)} + m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(10)}m_{003}^{(21)} - m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(11)}m_{102}^{(22)}\\
&-m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(11)}m_{003}^{(20)} - m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(20)}m_{012}^{(21)} - m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(20)}m_{003}^{(11)}\\
&+2m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(21)}m_{102}^{(21)} - m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(21)}m_{012}^{(20)} + m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(21)}m_{003}^{(10)}\\
&-m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(22)}m_{102}^{(11)} + m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(22)}m_{012}^{(10)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(10)}m_{021}^{(22)}\\
&-2m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(10)}m_{012}^{(21)} + 2m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(11)}m_{012}^{(20)} + 2m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(20)}m_{021}^{(21)}\\
&+2m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(20)}m_{012}^{(11)} + 2m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{021}^{(20)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{012}^{(10)}\\
&-2m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(22)}m_{021}^{(10)} + m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(10)}m_{030}^{(22)} + m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(10)}m_{021}^{(21)}\\
&+m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(11)}m_{120}^{(22)} - m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(11)}m_{021}^{(20)} - m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(20)}m_{030}^{(21)}\\
&-m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(20)}m_{021}^{(11)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(21)}m_{120}^{(21)} - m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(21)}m_{030}^{(20)}\\
&+m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(21)}m_{021}^{(10)} + m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(22)}m_{120}^{(11)} + m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(22)}m_{030}^{(10)}\\
&-2m_{100}^{(10)}m_{100}^{(21)}m_{200}^{(11)}m_{012}^{(22)} + 4m_{100}^{(10)}m_{100}^{(21)}m_{200}^{(21)}m_{012}^{(21)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{200}^{(22)}m_{012}^{(11)}\\
&-3m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(10)}m_{012}^{(22)} - m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(10)}m_{003}^{(21)} + m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(11)}m_{102}^{(22)}\\
&+m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(11)}m_{003}^{(20)} + 3m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(20)}m_{012}^{(21)} + m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(20)}m_{003}^{(11)}\\
&-2m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{102}^{(21)} + 3m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{012}^{(20)} - m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{003}^{(10)}\\
&+m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(22)}m_{102}^{(11)} - 3m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(22)}m_{012}^{(10)} + 3m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(10)}m_{021}^{(22)}\\
&+m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(10)}m_{012}^{(21)} + 3m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(11)}m_{111}^{(22)} - m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(11)}m_{012}^{(20)}\\
&-3m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(20)}m_{021}^{(21)} - m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(20)}m_{012}^{(11)} - 6m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{111}^{(21)}\\
&-3m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{021}^{(20)} + m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{012}^{(10)} + 3m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(22)}m_{111}^{(11)}\\
&+3m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(22)}m_{021}^{(10)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(10)}m_{102}^{(22)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(20)}m_{102}^{(21)}\\
&-2m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(21)}m_{102}^{(20)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(22)}m_{102}^{(10)} - m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{111}^{(22)}\\
&+m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{102}^{(21)} - m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(11)}m_{201}^{(22)} - m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(11)}m_{102}^{(20)}\\
&+m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{111}^{(21)} - m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{102}^{(11)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{201}^{(21)}\\
&+m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{111}^{(20)} + m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{102}^{(10)} - m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(22)}m_{201}^{(11)}\\
&-m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(22)}m_{111}^{(10)} - m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{120}^{(22)} - m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{111}^{(21)}\\
&-m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(11)}m_{210}^{(22)} + m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(11)}m_{111}^{(20)} + m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(20)}m_{120}^{(21)}\\
&+m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(20)}m_{111}^{(11)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(21)}m_{210}^{(21)} + m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(21)}m_{120}^{(20)}\\
&-m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(21)}m_{111}^{(10)} - m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(22)}m_{210}^{(11)} - m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(22)}m_{120}^{(10)}\\
&+m_{100}^{(10)}m_{100}^{(22)}m_{200}^{(11)}m_{021}^{(22)} - 2m_{100}^{(10)}m_{100}^{(22)}m_{200}^{(21)}m_{021}^{(21)} + m_{100}^{(10)}m_{100}^{(22)}m_{200}^{(22)}m_{021}^{(11)}\\
&+m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(10)}m_{021}^{(22)} + m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(10)}m_{012}^{(21)} - m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(11)}m_{111}^{(22)}\\
&-m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(11)}m_{012}^{(20)} - m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(20)}m_{021}^{(21)} - m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(20)}m_{012}^{(11)}\\
&+2m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{111}^{(21)} - m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{021}^{(20)} + m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{012}^{(10)}\\
&-m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(22)}m_{111}^{(11)} + m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(22)}m_{021}^{(10)} - m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(10)}m_{030}^{(22)}\\
&-m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(10)}m_{021}^{(21)} - m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(11)}m_{120}^{(22)} + m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(11)}m_{021}^{(20)}\\
&+m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(20)}m_{030}^{(21)} + m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(20)}m_{021}^{(11)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(21)}m_{120}^{(21)}\\
&+m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(21)}m_{030}^{(20)} - m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(21)}m_{021}^{(10)} - m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(22)}m_{120}^{(11)}
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&-m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(22)}m_{030}^{(10)} - m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(10)}m_{111}^{(22)} - m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(10)}m_{102}^{(21)}\\
&+m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(11)}m_{102}^{(20)} + m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(20)}m_{111}^{(21)} + m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(20)}m_{102}^{(11)}\\
&+m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(21)}m_{111}^{(20)} - m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(21)}m_{102}^{(10)} - m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(22)}m_{111}^{(10)}\\
&+m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(10)}m_{120}^{(22)} + m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(10)}m_{111}^{(21)} + m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(11)}m_{210}^{(22)}\\
&-m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(11)}m_{111}^{(20)} - m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(20)}m_{120}^{(21)} - m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(20)}m_{111}^{(11)}\\
&-2m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(21)}m_{210}^{(21)} - m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(21)}m_{120}^{(20)} + m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(21)}m_{111}^{(10)}\\
&+m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(22)}m_{210}^{(11)} + m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(22)}m_{120}^{(10)} + m_{100}^{(10)}m_{010}^{(00)}m_{110}^{(11)}m_{003}^{(22)}\\
&-2m_{100}^{(10)}m_{010}^{(00)}m_{110}^{(21)}m_{003}^{(21)} + m_{100}^{(10)}m_{010}^{(00)}m_{110}^{(22)}m_{003}^{(11)} - m_{100}^{(10)}m_{010}^{(00)}m_{101}^{(11)}m_{012}^{(22)}\\
&+2m_{100}^{(10)}m_{010}^{(00)}m_{101}^{(21)}m_{012}^{(21)} - m_{100}^{(10)}m_{010}^{(00)}m_{101}^{(22)}m_{012}^{(11)} - m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(11)}m_{102}^{(22)}\\
&+2m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{102}^{(21)} - m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(22)}m_{102}^{(11)} + m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(11)}m_{111}^{(22)}\\
&-2m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(21)}m_{111}^{(21)} + m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(22)}m_{111}^{(11)} - m_{100}^{(10)}m_{010}^{(10)}m_{200}^{(11)}m_{003}^{(22)}\\
&+2m_{100}^{(10)}m_{010}^{(10)}m_{200}^{(21)}m_{003}^{(21)} - m_{100}^{(10)}m_{010}^{(10)}m_{200}^{(22)}m_{003}^{(11)} + 2m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(11)}m_{102}^{(22)}\\
&-4m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(21)}m_{102}^{(21)} + 2m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{102}^{(11)} + m_{100}^{(10)}m_{010}^{(10)}m_{020}^{(00)}m_{003}^{(22)}\\
&-2m_{100}^{(10)}m_{010}^{(10)}m_{020}^{(20)}m_{003}^{(20)} + m_{100}^{(10)}m_{010}^{(10)}m_{020}^{(22)}m_{003}^{(00)} - 2m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(00)}m_{012}^{(22)}\\
&+4m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(20)}m_{012}^{(20)} - 2m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(22)}m_{012}^{(00)} + m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(00)}m_{021}^{(22)}\\
&-m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(11)}m_{201}^{(22)} - 2m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(20)}m_{021}^{(20)} + 2m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(21)}m_{201}^{(21)}\\
&-m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(22)}m_{201}^{(11)} + m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(22)}m_{021}^{(00)} - m_{100}^{(10)}m_{010}^{(11)}m_{110}^{(00)}m_{003}^{(22)}\\
&+2m_{100}^{(10)}m_{010}^{(11)}m_{110}^{(20)}m_{003}^{(20)} - m_{100}^{(10)}m_{010}^{(11)}m_{110}^{(22)}m_{003}^{(00)} + m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(00)}m_{012}^{(22)}\\
&-2m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{012}^{(20)} + m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(22)}m_{012}^{(00)} + m_{100}^{(10)}m_{010}^{(11)}m_{011}^{(00)}m_{102}^{(22)}\\
&-2m_{100}^{(10)}m_{010}^{(11)}m_{011}^{(20)}m_{102}^{(20)} + m_{100}^{(10)}m_{010}^{(11)}m_{011}^{(22)}m_{102}^{(00)} - m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(00)}m_{111}^{(22)}\\
&+2m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(20)}m_{111}^{(20)} - m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(22)}m_{111}^{(00)} + m_{100}^{(10)}m_{010}^{(20)}m_{200}^{(11)}m_{012}^{(22)}\\
&-2m_{100}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{012}^{(21)} + m_{100}^{(10)}m_{010}^{(20)}m_{200}^{(22)}m_{012}^{(11)} - m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(10)}m_{012}^{(22)}\\
&+m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(10)}m_{003}^{(21)} - m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(11)}m_{102}^{(22)} - m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(11)}m_{003}^{(20)}\\
&+m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(21)} - m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{003}^{(11)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{102}^{(21)}\\
&+m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{012}^{(20)} + m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{003}^{(10)} - m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{102}^{(11)}\\
&-m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{012}^{(10)} + m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{021}^{(22)} - m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{012}^{(21)}\\
&-m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(11)}m_{111}^{(22)} + m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(11)}m_{012}^{(20)} - m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(20)}m_{021}^{(21)}\\
&+m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(20)}m_{012}^{(11)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(21)} - m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{021}^{(20)}\\
&-m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{012}^{(10)} - m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{111}^{(11)} + m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{021}^{(10)}\\
&-m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(00)}m_{012}^{(22)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(20)}m_{012}^{(20)} - m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(22)}m_{012}^{(00)}\\
&+2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(00)}m_{021}^{(22)} + m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(22)} - m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{102}^{(21)}\\
&+m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(11)}m_{201}^{(22)} + m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(11)}m_{102}^{(20)} - m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(21)}\\
&+m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{102}^{(11)} - 4m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{021}^{(20)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{201}^{(21)}\\
&-m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(20)} - m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{102}^{(10)} + m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{201}^{(11)}\\
&+m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{111}^{(10)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{021}^{(00)} - m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(00)}m_{030}^{(22)}\\
&-m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{120}^{(22)} + m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{111}^{(21)} - m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(11)}m_{111}^{(20)}\\
&+m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{120}^{(21)} - m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{111}^{(11)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{030}^{(20)}\\
&+m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{120}^{(20)} + m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{111}^{(10)} - m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(22)}m_{120}^{(10)}
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&-m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(22)}m_{030}^{(00)}+m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(22)}-m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(10)}m_{003}^{(21)}\\
&+m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(11)}m_{003}^{(20)}-m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(21)}+m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(20)}m_{003}^{(11)}\\
&-m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{012}^{(20)}-m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{003}^{(10)}+m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{012}^{(10)}\\
&+2m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(00)}m_{012}^{(22)}-4m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{012}^{(20)}+2m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{012}^{(00)}\\
&-2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(00)}m_{021}^{(22)}-2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(22)}+2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{102}^{(21)}\\
&-2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(11)}m_{102}^{(20)}+2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(21)}-2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{102}^{(11)}\\
&+4m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{021}^{(20)}+2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(20)}+2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{102}^{(10)}\\
&-2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{111}^{(10)}-2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{021}^{(00)}-m_{100}^{(10)}m_{010}^{(21)}m_{020}^{(00)}m_{102}^{(22)}\\
&+2m_{100}^{(10)}m_{010}^{(21)}m_{020}^{(20)}m_{102}^{(20)}-m_{100}^{(10)}m_{010}^{(21)}m_{020}^{(22)}m_{102}^{(00)}+m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(00)}m_{120}^{(22)}\\
&+m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{210}^{(22)}-m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{201}^{(21)}+m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(11)}m_{201}^{(20)}\\
&-m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{210}^{(21)}+m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{201}^{(11)}-2m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{120}^{(20)}\\
&-m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{210}^{(20)}-m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{201}^{(10)}+m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(22)}m_{210}^{(10)}\\
&+m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(22)}m_{120}^{(00)}-m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(10)}m_{021}^{(22)}+m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(10)}m_{012}^{(21)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(11)}m_{012}^{(20)}+m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(21)}-m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(20)}m_{012}^{(11)}\\
&+m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(21)}m_{021}^{(20)}+m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(21)}m_{012}^{(10)}-m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(22)}m_{021}^{(10)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(00)}m_{021}^{(22)}+m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(22)}-m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{102}^{(21)}\\
&+m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(11)}m_{102}^{(20)}-m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(21)}+m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{102}^{(11)}\\
&+2m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{021}^{(20)}-m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(20)}-m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{102}^{(10)}\\
&+m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(22)}m_{111}^{(10)}-m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(22)}m_{021}^{(00)}+m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(00)}m_{030}^{(22)}\\
&+m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{120}^{(22)}-m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(21)}+m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(11)}m_{111}^{(20)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(21)}+m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{111}^{(11)}-2m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{030}^{(20)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{120}^{(20)}-m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{111}^{(10)}+m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(22)}m_{120}^{(10)}\\
&+m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(22)}m_{030}^{(00)}+m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(22)}m_{111}^{(00)}-2m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(20)}m_{111}^{(20)}\\
&+m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(22)}m_{111}^{(00)}-m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{120}^{(22)}-m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{210}^{(22)}\\
&+m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{201}^{(21)}-m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(11)}m_{201}^{(20)}+m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(21)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{201}^{(11)}+2m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{120}^{(20)}+m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(21)}m_{210}^{(20)}\\
&+m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(21)}m_{201}^{(10)}-m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(22)}m_{210}^{(10)}-m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(22)}m_{120}^{(00)}\\
&-m_{100}^{(10)}m_{001}^{(00)}m_{110}^{(11)}m_{012}^{(22)}+2m_{100}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(21)}-m_{100}^{(10)}m_{001}^{(00)}m_{110}^{(22)}m_{012}^{(11)}\\
&+m_{100}^{(10)}m_{001}^{(00)}m_{101}^{(11)}m_{021}^{(22)}-2m_{100}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(21)}+m_{100}^{(10)}m_{001}^{(00)}m_{101}^{(22)}m_{021}^{(11)}\\
&-m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(11)}m_{102}^{(22)}+2m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(21)}-m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(22)}m_{102}^{(11)}\\
&+3m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(11)}m_{111}^{(22)}-6m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(21)}+3m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(22)}m_{111}^{(11)}\\
&-2m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(11)}m_{120}^{(22)}+4m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{120}^{(21)}-2m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(22)}m_{120}^{(11)}\\
&+m_{100}^{(10)}m_{001}^{(10)}m_{200}^{(11)}m_{012}^{(22)}-2m_{100}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(21)}+m_{100}^{(10)}m_{001}^{(10)}m_{200}^{(22)}m_{012}^{(11)}\\
&+m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(22)}-m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(10)}m_{003}^{(21)}+m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(11)}m_{102}^{(22)}\\
&+m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(11)}m_{003}^{(20)}-m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(21)}+m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{003}^{(11)}\\
&-2m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(21)}-m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(20)}-m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{003}^{(10)}\\
&+m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{102}^{(11)}+m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{012}^{(10)}-m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(22)}\\
&+m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(21)}-3m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(22)}-m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{012}^{(20)}
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\begin{aligned}
&+m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(21)} - m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{012}^{(11)} + 6m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(21)}\\
&+m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(20)} + m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{012}^{(10)} - 3m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{111}^{(11)}\\
&-m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{021}^{(10)} - m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(00)}m_{003}^{(21)} + m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(22)}\\
&+m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(10)}m_{003}^{(20)} - m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(21)} + m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{003}^{(10)}\\
&-m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(21)}m_{102}^{(20)} - m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(21)}m_{003}^{(00)} + m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(22)}m_{102}^{(10)}\\
&+2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{012}^{(21)} - 3m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(22)} + m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(21)}\\
&-2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{012}^{(20)} - m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(11)}m_{201}^{(22)} - m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(11)}m_{102}^{(20)}\\
&+3m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(21)} - m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{102}^{(11)} - 2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{012}^{(10)}\\
&+2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(21)} + 3m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(20)} + m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{102}^{(10)}\\
&+2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{012}^{(00)} - m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{201}^{(11)} - 3m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{111}^{(10)}\\
&-m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(00)}m_{021}^{(21)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{120}^{(22)} - m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(21)}\\
&+m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{021}^{(20)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(11)}m_{210}^{(22)} + m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(11)}m_{111}^{(20)}\\
&-2m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(21)} + m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{111}^{(11)} + m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{021}^{(10)}\\
&-4m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{210}^{(21)} - 2m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{120}^{(20)} - m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{111}^{(10)}\\
&-m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{021}^{(00)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(22)}m_{210}^{(11)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(22)}m_{120}^{(10)}\\
&-m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(22)} + m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(10)}m_{003}^{(21)} - m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(11)}m_{003}^{(20)}\\
&+m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(21)} - m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{003}^{(11)} + m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{012}^{(20)}\\
&+m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{003}^{(10)} - m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{012}^{(10)} + m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(00)}m_{003}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(22)} - m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(10)}m_{003}^{(20)} + m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{003}^{(10)} + m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(21)}m_{102}^{(20)} + m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(21)}m_{003}^{(00)}\\
&-m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{102}^{(10)} - m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{012}^{(21)} + 3m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(22)}\\
&-2m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(21)} + m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{012}^{(20)} + 2m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(11)}m_{102}^{(20)}\\
&-3m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(21)} + 2m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{102}^{(11)} + m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{012}^{(10)}\\
&-3m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(20)} - 2m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{102}^{(10)} - m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{012}^{(00)}\\
&+3m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{111}^{(10)} - m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{102}^{(21)} + m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(22)}\\
&+m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(10)}m_{102}^{(20)} - m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(21)} + m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{102}^{(10)}\\
&-m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(21)}m_{201}^{(20)} - m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(21)}m_{102}^{(00)} + m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(22)}m_{201}^{(10)}\\
&+m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(00)}m_{111}^{(21)} - 2m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{210}^{(22)} + m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{201}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{111}^{(20)} - m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(11)}m_{201}^{(20)} + 2m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{201}^{(11)} - m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{111}^{(10)} + 2m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(21)}m_{210}^{(20)}\\
&+m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(21)}m_{201}^{(10)} + m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(21)}m_{111}^{(00)} - 2m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(22)}m_{210}^{(10)}\\
&-m_{100}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(22)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(21)} - m_{100}^{(10)}m_{001}^{(20)}m_{200}^{(22)}m_{021}^{(11)}\\
&+2m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(22)} - 4m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(21)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(22)}m_{120}^{(11)}\\
&+m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{012}^{(21)} - m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(21)} - m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{012}^{(20)}\\
&+m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(22)} + m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(11)}m_{102}^{(20)} + m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{102}^{(11)}\\
&-m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{012}^{(10)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(21)} - m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{102}^{(10)}\\
&+m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{012}^{(00)} + m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(22)}m_{201}^{(11)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{021}^{(21)}\\
&+2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(21)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{021}^{(20)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(22)}
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\begin{aligned}
&-2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{111}^{(20)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{111}^{(11)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{021}^{(10)}\\
&+4m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(21)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{111}^{(10)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{021}^{(00)}\\
&-2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(22)}m_{210}^{(11)} + m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(00)}m_{030}^{(21)} - m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{120}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{030}^{(20)} + m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(11)}m_{120}^{(20)} + m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(20)}m_{120}^{(11)}\\
&-m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(20)}m_{030}^{(10)} - m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(21)}m_{120}^{(10)} + m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(21)}m_{030}^{(00)}\\
&+m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(22)} - m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(21)} + m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{012}^{(20)}\\
&-m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(21)} + m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{012}^{(11)} - m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(20)}\\
&-m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{012}^{(10)} + m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(22)}m_{021}^{(10)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{012}^{(21)}\\
&+2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(21)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{012}^{(20)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(11)}m_{102}^{(20)}\\
&-2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{102}^{(11)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{012}^{(10)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{102}^{(10)}\\
&-2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{012}^{(00)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{021}^{(21)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(22)}\\
&-2m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(20)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(21)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{021}^{(10)}\\
&+2m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(20)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{021}^{(00)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(22)}m_{120}^{(10)}\\
&+m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{102}^{(21)} - m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(22)} - m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(10)}m_{102}^{(20)}\\
&+m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(21)} - m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{102}^{(10)} + m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(21)}m_{201}^{(20)}\\
&+m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(21)}m_{102}^{(00)} - m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(22)}m_{201}^{(10)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(22)}\\
&-2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(21)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(11)}m_{201}^{(20)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(21)}\\
&+2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{201}^{(11)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(20)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{201}^{(10)}\\
&+2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(22)}m_{210}^{(10)} - m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(00)}m_{120}^{(21)} + m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{210}^{(21)}\\
&+m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{120}^{(20)} - m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(11)}m_{210}^{(20)} - m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(20)}m_{210}^{(11)}\\
&+m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(20)}m_{120}^{(10)} + m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(21)}m_{210}^{(10)} - m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(21)}m_{120}^{(00)}\\
&+m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{021}^{(21)} - m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(21)} - m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{021}^{(20)}\\
&+m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{111}^{(20)} + m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{111}^{(11)} - m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{021}^{(10)}\\
&-m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{111}^{(10)} + m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{021}^{(00)} - m_{100}^{(10)}m_{001}^{(22)}m_{101}^{(00)}m_{030}^{(21)}\\
&+m_{100}^{(10)}m_{001}^{(22)}m_{101}^{(10)}m_{120}^{(21)} + m_{100}^{(10)}m_{001}^{(22)}m_{101}^{(10)}m_{030}^{(20)} - m_{100}^{(10)}m_{001}^{(22)}m_{101}^{(11)}m_{120}^{(20)}\\
&-m_{100}^{(10)}m_{001}^{(22)}m_{101}^{(20)}m_{120}^{(11)} + m_{100}^{(10)}m_{001}^{(22)}m_{101}^{(20)}m_{030}^{(10)} + m_{100}^{(10)}m_{001}^{(22)}m_{101}^{(21)}m_{120}^{(10)}\\
&-m_{100}^{(10)}m_{001}^{(22)}m_{101}^{(21)}m_{030}^{(00)} - m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(21)} + m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(21)}\\
&+m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{111}^{(20)} - m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(11)}m_{201}^{(20)} - m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{201}^{(11)}\\
&+m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{111}^{(10)} + m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(21)}m_{201}^{(10)} - m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(21)}m_{111}^{(00)}\\
&+m_{100}^{(10)}m_{001}^{(22)}m_{011}^{(00)}m_{120}^{(21)} - m_{100}^{(10)}m_{001}^{(22)}m_{011}^{(10)}m_{210}^{(21)} - m_{100}^{(10)}m_{001}^{(22)}m_{011}^{(10)}m_{120}^{(20)}\\
&+m_{100}^{(10)}m_{001}^{(22)}m_{011}^{(11)}m_{210}^{(20)} + m_{100}^{(10)}m_{001}^{(22)}m_{011}^{(20)}m_{210}^{(11)} - m_{100}^{(10)}m_{001}^{(22)}m_{011}^{(20)}m_{120}^{(10)}\\
&-m_{100}^{(10)}m_{001}^{(22)}m_{011}^{(21)}m_{210}^{(10)} + m_{100}^{(10)}m_{001}^{(22)}m_{011}^{(21)}m_{120}^{(00)} - (m_{100}^{(11)})^2m_{200}^{(10)}m_{003}^{(22)}\\
&+(m_{100}^{(11)})^2m_{200}^{(20)}m_{003}^{(21)} + (m_{100}^{(11)})^2m_{200}^{(21)}m_{003}^{(20)} - (m_{100}^{(11)})^2m_{200}^{(22)}m_{003}^{(10)}\\
&+2(m_{100}^{(11)})^2m_{101}^{(10)}m_{102}^{(22)} - 2(m_{100}^{(11)})^2m_{101}^{(20)}m_{102}^{(21)} - 2(m_{100}^{(11)})^2m_{101}^{(21)}m_{102}^{(20)}\\
&+2(m_{100}^{(11)})^2m_{101}^{(22)}m_{102}^{(10)} - (m_{100}^{(11)})^2m_{002}^{(10)}m_{201}^{(22)} + (m_{100}^{(11)})^2m_{002}^{(20)}m_{201}^{(21)}\\
&+(m_{100}^{(11)})^2m_{002}^{(21)}m_{201}^{(20)} - (m_{100}^{(11)})^2m_{002}^{(22)}m_{201}^{(10)} - m_{100}^{(11)}m_{100}^{(20)}m_{200}^{(11)}m_{012}^{(22)}\\
&+2m_{100}^{(11)}m_{100}^{(20)}m_{200}^{(21)}m_{012}^{(21)} - m_{100}^{(11)}m_{100}^{(20)}m_{200}^{(22)}m_{012}^{(11)} - m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(10)}m_{012}^{(22)}\\
&-m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(10)}m_{003}^{(21)} + m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(11)}m_{102}^{(22)} + m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(11)}m_{003}^{(20)}
\end{aligned}
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\begin{aligned}
&+m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(20)}m_{012}^{(21)}+m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(20)}m_{003}^{(11)}-2m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(21)}m_{102}^{(21)}\\
&+m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(21)}m_{012}^{(20)}-m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(21)}m_{003}^{(10)}+m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(22)}m_{102}^{(11)}\\
&-m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(22)}m_{012}^{(10)}+m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(10)}m_{021}^{(22)}+m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(10)}m_{012}^{(21)}\\
&+m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(11)}m_{111}^{(22)}-m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(11)}m_{012}^{(20)}-m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(20)}m_{021}^{(21)}\\
&-m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(20)}m_{012}^{(11)}-2m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(21)}m_{111}^{(21)}-m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(21)}m_{021}^{(20)}\\
&+m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(21)}m_{012}^{(10)}+m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(22)}m_{111}^{(11)}+m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(22)}m_{021}^{(10)}\\
&+m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(10)}m_{111}^{(22)}+m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(10)}m_{102}^{(21)}-m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(11)}m_{201}^{(22)}\\
&-m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(11)}m_{102}^{(20)}-m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{111}^{(21)}-m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{102}^{(11)}\\
&+2m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(21)}m_{201}^{(21)}-m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(21)}m_{111}^{(20)}+m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(21)}m_{102}^{(10)}\\
&-m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(22)}m_{201}^{(11)}+m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(22)}m_{111}^{(10)}-m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(10)}m_{120}^{(22)}\\
&-m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(10)}m_{111}^{(21)}+m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(11)}m_{111}^{(20)}+m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(20)}m_{120}^{(21)}\\
&+m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(20)}m_{111}^{(11)}+m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(21)}m_{120}^{(20)}-m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(21)}m_{111}^{(10)}\\
&-m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(22)}m_{120}^{(10)}+3m_{100}^{(11)}m_{100}^{(21)}m_{200}^{(10)}m_{012}^{(22)}+m_{100}^{(11)}m_{100}^{(21)}m_{200}^{(10)}m_{003}^{(21)}\\
&-m_{100}^{(11)}m_{100}^{(21)}m_{200}^{(11)}m_{003}^{(20)}-3m_{100}^{(11)}m_{100}^{(21)}m_{200}^{(20)}m_{012}^{(21)}-m_{100}^{(11)}m_{100}^{(21)}m_{200}^{(20)}m_{003}^{(11)}\\
&-3m_{100}^{(11)}m_{100}^{(21)}m_{200}^{(21)}m_{012}^{(20)}+m_{100}^{(11)}m_{100}^{(21)}m_{200}^{(21)}m_{003}^{(10)}+3m_{100}^{(11)}m_{100}^{(21)}m_{200}^{(22)}m_{012}^{(10)}\\
&-2m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(10)}m_{102}^{(22)}+2m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(20)}m_{102}^{(21)}+2m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(21)}m_{102}^{(20)}\\
&-2m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(22)}m_{102}^{(10)}-4m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(10)}m_{111}^{(22)}-2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(10)}m_{102}^{(21)}\\
&+2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(11)}m_{102}^{(20)}+4m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{111}^{(21)}+2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{102}^{(11)}\\
&+4m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(21)}m_{111}^{(20)}-2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(21)}m_{102}^{(10)}-4m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(22)}m_{111}^{(10)}\\
&+2m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(10)}m_{201}^{(22)}-2m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(20)}m_{201}^{(21)}-2m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(21)}m_{201}^{(20)}\\
&+2m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(22)}m_{201}^{(10)}+m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(10)}m_{210}^{(22)}+m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(10)}m_{201}^{(21)}\\
&-m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(11)}m_{201}^{(20)}-m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(20)}m_{210}^{(21)}-m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(20)}m_{201}^{(11)}\\
&-m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(21)}m_{210}^{(20)}+m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(21)}m_{201}^{(10)}+m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(22)}m_{210}^{(10)}\\
&-m_{100}^{(11)}m_{100}^{(22)}m_{200}^{(10)}m_{021}^{(22)}-m_{100}^{(11)}m_{100}^{(22)}m_{200}^{(10)}m_{012}^{(21)}+m_{100}^{(11)}m_{100}^{(22)}m_{200}^{(11)}m_{012}^{(20)}\\
&+m_{100}^{(11)}m_{100}^{(22)}m_{200}^{(20)}m_{021}^{(21)}+m_{100}^{(11)}m_{100}^{(22)}m_{200}^{(20)}m_{012}^{(11)}+m_{100}^{(11)}m_{100}^{(22)}m_{200}^{(21)}m_{021}^{(20)}\\
&-m_{100}^{(11)}m_{100}^{(22)}m_{200}^{(21)}m_{012}^{(10)}-m_{100}^{(11)}m_{100}^{(22)}m_{200}^{(22)}m_{021}^{(10)}+m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(10)}m_{111}^{(22)}\\
&+m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(10)}m_{102}^{(21)}-m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(11)}m_{102}^{(20)}-m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(20)}m_{111}^{(21)}\\
&-m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(20)}m_{102}^{(11)}-m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(21)}m_{111}^{(20)}+m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(21)}m_{102}^{(10)}\\
&+m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(22)}m_{111}^{(10)}+m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(10)}m_{120}^{(22)}+m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(10)}m_{111}^{(21)}\\
&-m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(11)}m_{111}^{(20)}-m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(20)}m_{120}^{(21)}-m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(20)}m_{111}^{(11)}\\
&-m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(21)}m_{120}^{(20)}+m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(21)}m_{111}^{(10)}+m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(22)}m_{120}^{(10)}\\
&-m_{100}^{(11)}m_{100}^{(22)}m_{011}^{(10)}m_{210}^{(22)}-m_{100}^{(11)}m_{100}^{(22)}m_{011}^{(10)}m_{201}^{(21)}+m_{100}^{(11)}m_{100}^{(22)}m_{011}^{(11)}m_{201}^{(20)}\\
&+m_{100}^{(11)}m_{100}^{(22)}m_{011}^{(20)}m_{210}^{(21)}+m_{100}^{(11)}m_{100}^{(22)}m_{011}^{(20)}m_{201}^{(11)}+m_{100}^{(11)}m_{100}^{(22)}m_{011}^{(21)}m_{210}^{(20)}\\
&-m_{100}^{(11)}m_{100}^{(22)}m_{011}^{(21)}m_{201}^{(10)}-m_{100}^{(11)}m_{100}^{(22)}m_{011}^{(22)}m_{210}^{(10)}-m_{100}^{(11)}m_{010}^{(10)}m_{110}^{(00)}m_{003}^{(22)}\\
&+2m_{100}^{(11)}m_{010}^{(10)}m_{110}^{(20)}m_{003}^{(20)}-m_{100}^{(11)}m_{010}^{(10)}m_{110}^{(22)}m_{003}^{(00)}+m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(00)}m_{012}^{(22)}\\
&-2m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(20)}m_{012}^{(20)}+m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(22)}m_{012}^{(00)}+m_{100}^{(11)}m_{010}^{(10)}m_{011}^{(00)}m_{102}^{(22)}\\
&-2m_{100}^{(11)}m_{010}^{(10)}m_{011}^{(20)}m_{102}^{(20)}+m_{100}^{(11)}m_{010}^{(10)}m_{011}^{(22)}m_{102}^{(00)}-m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(00)}m_{111}^{(22)}\\
&+2m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(20)}m_{111}^{(20)}-m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(22)}m_{111}^{(00)}+m_{100}^{(11)}m_{010}^{(11)}m_{200}^{(00)}m_{003}^{(22)}
\end{aligned}
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\begin{aligned}
&-2m_{100}^{(11)}m_{010}^{(11)}m_{200}^{(20)}m_{003}^{(20)} + m_{100}^{(11)}m_{010}^{(11)}m_{200}^{(22)}m_{003}^{(00)} - 2m_{100}^{(11)}m_{010}^{(11)}m_{101}^{(00)}m_{102}^{(22)}\\
&+4m_{100}^{(11)}m_{010}^{(11)}m_{101}^{(20)}m_{102}^{(20)} - 2m_{100}^{(11)}m_{010}^{(11)}m_{101}^{(22)}m_{102}^{(00)} + m_{100}^{(11)}m_{010}^{(11)}m_{002}^{(00)}m_{201}^{(22)}\\
&-2m_{100}^{(11)}m_{010}^{(11)}m_{002}^{(20)}m_{201}^{(20)} + m_{100}^{(11)}m_{010}^{(11)}m_{002}^{(22)}m_{201}^{(00)} + m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(00)}m_{012}^{(22)}\\
&-2m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(20)} + m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(22)}m_{012}^{(00)} - m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(00)}m_{021}^{(22)}\\
&+2m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{021}^{(20)} - m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(22)}m_{021}^{(00)} - m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(00)}m_{111}^{(22)}\\
&+2m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(20)} - m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(22)}m_{111}^{(00)} + m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(00)}m_{120}^{(22)}\\
&-2m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(20)}m_{120}^{(20)} + m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(22)}m_{120}^{(00)} - 2m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(00)}m_{012}^{(22)}\\
&+4m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(20)} - 2m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{012}^{(00)} + m_{100}^{(11)}m_{010}^{(21)}m_{110}^{(00)}m_{102}^{(22)}\\
&-2m_{100}^{(11)}m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(20)} + m_{100}^{(11)}m_{010}^{(21)}m_{110}^{(22)}m_{102}^{(00)} + 3m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(00)}m_{111}^{(22)}\\
&-6m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(20)} + 3m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(22)}m_{111}^{(00)} - m_{100}^{(11)}m_{010}^{(21)}m_{011}^{(00)}m_{201}^{(22)}\\
&+2m_{100}^{(11)}m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(20)} - m_{100}^{(11)}m_{010}^{(21)}m_{011}^{(22)}m_{201}^{(00)} - m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(00)}m_{210}^{(22)}\\
&+2m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(20)}m_{210}^{(20)} - m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(22)}m_{210}^{(00)} + m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(00)}m_{021}^{(22)}\\
&-2m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(20)} + m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(22)}m_{021}^{(00)} - m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(00)}m_{111}^{(22)}\\
&+2m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(20)} - m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(22)}m_{111}^{(00)} - m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(00)}m_{120}^{(22)}\\
&+2m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(20)} - m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(22)}m_{120}^{(00)} + m_{100}^{(11)}m_{010}^{(22)}m_{011}^{(00)}m_{210}^{(22)}\\
&-2m_{100}^{(11)}m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(20)} + m_{100}^{(11)}m_{010}^{(22)}m_{011}^{(22)}m_{210}^{(00)} + m_{100}^{(11)}m_{001}^{(00)}m_{110}^{(11)}m_{102}^{(22)}\\
&-2m_{100}^{(11)}m_{001}^{(00)}m_{110}^{(21)}m_{102}^{(21)} + m_{100}^{(11)}m_{001}^{(00)}m_{110}^{(22)}m_{102}^{(11)} - m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(11)}m_{111}^{(22)}\\
&+2m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(21)}m_{111}^{(21)} - m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(22)}m_{111}^{(11)} - m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(11)}m_{201}^{(22)}\\
&+2m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(21)}m_{201}^{(21)} - m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(22)}m_{201}^{(11)} + m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(11)}m_{210}^{(22)}\\
&-2m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(21)}m_{210}^{(21)} + m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(22)}m_{210}^{(11)} - m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(11)}m_{102}^{(22)}\\
&+2m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(21)}m_{102}^{(21)} - m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{102}^{(11)} + m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(00)}m_{003}^{(21)}\\
&-m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(22)} - m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(10)}m_{003}^{(20)} + m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{102}^{(21)}\\
&-m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{003}^{(10)} + m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(20)} + m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(21)}m_{003}^{(00)}\\
&-m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(22)}m_{102}^{(10)} - m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(00)}m_{012}^{(21)} + m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(22)}\\
&+m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(20)} + 2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(11)}m_{201}^{(22)} - m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(21)}\\
&+m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{012}^{(10)} - 4m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{201}^{(21)} - m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{012}^{(00)} + 2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{201}^{(11)} + m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{111}^{(10)}\\
&-m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(00)}m_{102}^{(21)} + m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(22)} + m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(21)} + m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{102}^{(10)} - m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(21)}m_{102}^{(00)} + m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(22)}m_{201}^{(10)} + m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(00)}m_{111}^{(21)}\\
&-m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{210}^{(22)} - m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(20)} - m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(11)}m_{300}^{(22)}\\
&+m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{210}^{(21)} - m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{111}^{(10)} + 2m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(21)}m_{300}^{(21)}\\
&+m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(21)}m_{210}^{(20)} + m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(21)}m_{111}^{(00)} - m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(22)}m_{300}^{(11)}\\
&-m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(22)}m_{210}^{(10)} - m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(00)}m_{003}^{(21)} + m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(10)}m_{102}^{(22)}\\
&+m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(10)}m_{003}^{(20)} - m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(20)}m_{102}^{(21)} + m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(20)}m_{003}^{(10)}\\
&-m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(20)} - m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(21)}m_{003}^{(00)} + m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(22)}m_{102}^{(10)}\\
&+2m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(00)}m_{102}^{(21)} - 2m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(22)} - 2m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(20)}\\
&+2m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(20)}m_{201}^{(21)} - 2m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(20)}m_{102}^{(10)} + 2m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(20)}
\end{aligned}
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\begin{aligned}
&+2m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(21)}m_{102}^{(00)} - 2m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(22)}m_{201}^{(10)} - m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(00)}m_{201}^{(21)}\\
&+m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(10)}m_{300}^{(22)} + m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(10)}m_{201}^{(20)} - m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(20)}m_{300}^{(21)}\\
&+m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(20)}m_{201}^{(10)} - m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(21)}m_{300}^{(20)} - m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(21)}m_{201}^{(00)}\\
&+m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(22)}m_{300}^{(10)} + m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(11)}m_{111}^{(22)} - 2m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{111}^{(21)}\\
&+m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(22)}m_{111}^{(11)} - m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(00)}m_{012}^{(21)} + m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{102}^{(21)}\\
&+m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(20)} - m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(11)}m_{201}^{(22)} - m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(11)}m_{102}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{102}^{(11)} + m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{012}^{(10)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{201}^{(21)}\\
&+m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{102}^{(10)} - m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{012}^{(00)} - m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(22)}m_{201}^{(11)}\\
&+m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{021}^{(21)} - m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(21)} - m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{210}^{(22)} + m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(20)} + m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{111}^{(11)}\\
&-m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{021}^{(10)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{210}^{(21)} - m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{111}^{(10)}\\
&+m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{021}^{(00)} - m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(22)}m_{210}^{(11)} + m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{111}^{(21)}\\
&-m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(21)} - m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(20)} + m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(11)}m_{300}^{(22)}\\
&+m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(11)}m_{201}^{(20)} + m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{201}^{(11)} - m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{111}^{(10)}\\
&-2m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{300}^{(21)} - m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{201}^{(10)} + m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{111}^{(00)}\\
&+m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(22)}m_{300}^{(11)} - m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(00)}m_{120}^{(21)} + m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(10)}m_{210}^{(21)}\\
&+m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(10)}m_{120}^{(20)} - m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(11)}m_{210}^{(20)} - m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(20)}m_{210}^{(11)}\\
&+m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(20)}m_{120}^{(10)} + m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(21)}m_{210}^{(10)} - m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(21)}m_{120}^{(00)}\\
&+2m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{012}^{(21)} - m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(22)} - m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{102}^{(21)}\\
&-2m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(20)} + m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(11)}m_{102}^{(20)} + m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(21)}\\
&+m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{102}^{(11)} - 2m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{012}^{(10)} + m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{102}^{(10)} + 2m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{012}^{(00)} - m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(22)}m_{111}^{(10)}\\
&-m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{102}^{(21)} + m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(22)} + m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(21)} + m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{102}^{(10)} - m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(21)}m_{102}^{(00)} + m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(22)}m_{201}^{(10)} - 3m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(21)}\\
&+m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(22)} + 2m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{201}^{(21)} + 3m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(20)}\\
&-2m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(20)} - m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(21)} - 2m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{201}^{(11)}\\
&+3m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{111}^{(10)} - m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(20)} + 2m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{201}^{(10)}\\
&-3m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{111}^{(00)} + m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(22)}m_{210}^{(10)} + m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{201}^{(21)}\\
&-m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(22)} - m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(20)} + m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(21)}\\
&-m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{201}^{(10)} + m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(20)} + m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(21)}m_{201}^{(00)}\\
&-m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(22)}m_{300}^{(10)} + m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(00)}m_{210}^{(21)} - m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(10)}m_{300}^{(21)}\\
&-m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(10)}m_{210}^{(20)} + m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(11)}m_{300}^{(20)} + m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(20)}m_{300}^{(11)}\\
&-m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(20)}m_{210}^{(10)} - m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(21)}m_{300}^{(10)} + m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(21)}m_{210}^{(00)}\\
&-m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(00)}m_{021}^{(21)} + m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{111}^{(21)} + m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(20)} - m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(20)}m_{111}^{(11)} + m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(20)}m_{021}^{(10)}\\
&+m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(21)}m_{111}^{(10)} - m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(21)}m_{021}^{(00)} + m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{111}^{(21)}\\
&-m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{201}^{(21)} - m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(20)} + m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(11)}m_{201}^{(20)}
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\begin{aligned}
&+m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(20)}m_{201}^{(11)} - m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(20)}m_{111}^{(10)} - m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(21)}m_{201}^{(10)}\\
&+m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(21)}m_{111}^{(00)} + m_{100}^{(11)}m_{001}^{(22)}m_{101}^{(00)}m_{120}^{(21)} - m_{100}^{(11)}m_{001}^{(22)}m_{101}^{(10)}m_{210}^{(21)}\\
&-m_{100}^{(11)}m_{001}^{(22)}m_{101}^{(10)}m_{120}^{(20)} + m_{100}^{(11)}m_{001}^{(22)}m_{101}^{(11)}m_{210}^{(20)} + m_{100}^{(11)}m_{001}^{(22)}m_{101}^{(20)}m_{210}^{(11)}\\
&-m_{100}^{(11)}m_{001}^{(22)}m_{101}^{(20)}m_{120}^{(10)} - m_{100}^{(11)}m_{001}^{(22)}m_{101}^{(21)}m_{210}^{(10)} + m_{100}^{(11)}m_{001}^{(22)}m_{101}^{(21)}m_{120}^{(00)}\\
&-m_{100}^{(11)}m_{001}^{(22)}m_{011}^{(00)}m_{210}^{(21)} + m_{100}^{(11)}m_{001}^{(22)}m_{011}^{(10)}m_{300}^{(21)} + m_{100}^{(11)}m_{001}^{(22)}m_{011}^{(10)}m_{210}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(22)}m_{011}^{(11)}m_{300}^{(20)} - m_{100}^{(11)}m_{001}^{(22)}m_{011}^{(20)}m_{300}^{(11)} + m_{100}^{(11)}m_{001}^{(22)}m_{011}^{(20)}m_{210}^{(10)}\\
&+m_{100}^{(11)}m_{001}^{(22)}m_{011}^{(21)}m_{300}^{(10)} - m_{100}^{(11)}m_{001}^{(22)}m_{011}^{(21)}m_{210}^{(00)} - (m_{100}^{(20)})^2m_{110}^{(11)}m_{021}^{(22)}\\
&+2(m_{100}^{(20)})^2m_{110}^{(21)}m_{021}^{(21)} - (m_{100}^{(20)})^2m_{110}^{(22)}m_{021}^{(11)} + (m_{100}^{(20)})^2m_{101}^{(11)}m_{030}^{(22)}\\
&-2(m_{100}^{(20)})^2m_{101}^{(21)}m_{030}^{(21)} + (m_{100}^{(20)})^2m_{101}^{(22)}m_{030}^{(11)} - (m_{100}^{(20)})^2m_{020}^{(10)}m_{012}^{(21)}\\
&+(m_{100}^{(20)})^2m_{020}^{(11)}m_{111}^{(22)} + (m_{100}^{(20)})^2m_{020}^{(11)}m_{012}^{(20)} + (m_{100}^{(20)})^2m_{020}^{(20)}m_{012}^{(11)}\\
&-2(m_{100}^{(20)})^2m_{020}^{(21)}m_{111}^{(21)} - (m_{100}^{(20)})^2m_{020}^{(21)}m_{012}^{(10)} + (m_{100}^{(20)})^2m_{020}^{(22)}m_{111}^{(11)}\\
&+2(m_{100}^{(20)})^2m_{011}^{(10)}m_{021}^{(21)} - (m_{100}^{(20)})^2m_{011}^{(11)}m_{120}^{(22)} - 2(m_{100}^{(20)})^2m_{011}^{(11)}m_{021}^{(20)}\\
&-2(m_{100}^{(20)})^2m_{011}^{(20)}m_{021}^{(11)} + 2(m_{100}^{(20)})^2m_{011}^{(21)}m_{120}^{(21)} + 2(m_{100}^{(20)})^2m_{011}^{(21)}m_{021}^{(10)}\\
&-(m_{100}^{(20)})^2m_{011}^{(22)}m_{120}^{(11)} - (m_{100}^{(20)})^2m_{002}^{(10)}m_{030}^{(21)} + (m_{100}^{(20)})^2m_{002}^{(11)}m_{030}^{(20)}\\
&+(m_{100}^{(20)})^2m_{002}^{(20)}m_{030}^{(11)} - (m_{100}^{(20)})^2m_{002}^{(21)}m_{030}^{(10)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{200}^{(11)}m_{021}^{(22)}\\
&-4m_{100}^{(20)}m_{100}^{(21)}m_{200}^{(21)}m_{021}^{(21)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{200}^{(22)}m_{021}^{(11)} + m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(10)}m_{021}^{(22)}\\
&+3m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(10)}m_{012}^{(21)} - 3m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(11)}m_{111}^{(22)} - 3m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(11)}m_{012}^{(20)}\\
&-m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(20)}m_{021}^{(21)} - 3m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(20)}m_{012}^{(11)} + 6m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{111}^{(21)}\\
&-m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{021}^{(20)} + 3m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{012}^{(10)} - 3m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(22)}m_{111}^{(11)}\\
&+m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(22)}m_{021}^{(10)} - m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(10)}m_{030}^{(22)} - 3m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(10)}m_{021}^{(21)}\\
&-m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{120}^{(22)} + 3m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{021}^{(20)} + m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(20)}m_{030}^{(21)}\\
&+3m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(20)}m_{021}^{(11)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{120}^{(21)} + m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{030}^{(20)}\\
&-3m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{021}^{(10)} - m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(22)}m_{120}^{(11)} - m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(22)}m_{030}^{(10)}\\
&-m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(10)}m_{111}^{(22)} - m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(10)}m_{102}^{(21)} + m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(11)}m_{201}^{(22)}\\
&+m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(11)}m_{102}^{(20)} + m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{111}^{(21)} + m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{102}^{(11)}\\
&-2m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(21)}m_{201}^{(21)} + m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(21)}m_{111}^{(20)} - m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(21)}m_{102}^{(10)}\\
&+m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(22)}m_{201}^{(11)} - m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(22)}m_{111}^{(10)} + m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{120}^{(22)}\\
&-m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{111}^{(21)} + m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(11)}m_{210}^{(22)} + m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(11)}m_{111}^{(20)}\\
&-m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(20)}m_{120}^{(21)} + m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(20)}m_{111}^{(11)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(21)}m_{210}^{(21)}\\
&-m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(21)}m_{120}^{(20)} - m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(21)}m_{111}^{(10)} + m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(22)}m_{210}^{(11)}\\
&+m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(22)}m_{120}^{(10)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{002}^{(10)}m_{120}^{(21)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{002}^{(11)}m_{120}^{(20)}\\
&-2m_{100}^{(20)}m_{100}^{(21)}m_{002}^{(20)}m_{120}^{(11)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{002}^{(21)}m_{120}^{(10)} - m_{100}^{(20)}m_{100}^{(22)}m_{200}^{(11)}m_{030}^{(22)}\\
&+2m_{100}^{(20)}m_{100}^{(22)}m_{200}^{(21)}m_{030}^{(21)} - m_{100}^{(20)}m_{100}^{(22)}m_{200}^{(22)}m_{030}^{(11)} - 2m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(10)}m_{021}^{(21)}\\
&+2m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(11)}m_{120}^{(22)} + 2m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(11)}m_{021}^{(20)} + 2m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(20)}m_{021}^{(11)}\\
&-4m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(21)}m_{120}^{(21)} - 2m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(21)}m_{021}^{(10)} + 2m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(22)}m_{120}^{(11)}\\
&+2m_{100}^{(20)}m_{100}^{(22)}m_{101}^{(10)}m_{030}^{(21)} - 2m_{100}^{(20)}m_{100}^{(22)}m_{101}^{(11)}m_{030}^{(20)} - 2m_{100}^{(20)}m_{100}^{(22)}m_{101}^{(20)}m_{030}^{(11)}\\
&+2m_{100}^{(20)}m_{100}^{(22)}m_{101}^{(21)}m_{030}^{(10)} + 2m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(10)}m_{111}^{(21)} - m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(11)}m_{210}^{(22)}\\
&-2m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(11)}m_{111}^{(20)} - 2m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(20)}m_{111}^{(11)} + 2m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(21)}m_{210}^{(21)}
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&+2m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(21)}m_{111}^{(10)} - m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(22)}m_{210}^{(11)} - 2m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(10)}m_{120}^{(21)}\\
&+2m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(11)}m_{120}^{(20)} + 2m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(20)}m_{120}^{(11)} - 2m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(21)}m_{120}^{(10)}\\
&-m_{100}^{(20)}m_{010}^{(00)}m_{110}^{(11)}m_{012}^{(22)} + 2m_{100}^{(20)}m_{010}^{(00)}m_{110}^{(21)}m_{012}^{(21)} - m_{100}^{(20)}m_{010}^{(00)}m_{110}^{(22)}m_{012}^{(11)}\\
&+m_{100}^{(20)}m_{010}^{(00)}m_{101}^{(11)}m_{021}^{(22)} - 2m_{100}^{(20)}m_{010}^{(00)}m_{101}^{(21)}m_{021}^{(21)} + m_{100}^{(20)}m_{010}^{(00)}m_{101}^{(22)}m_{021}^{(11)}\\
&+2m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(11)}m_{102}^{(22)} - 4m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(21)}m_{102}^{(21)} + 2m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(22)}m_{102}^{(11)}\\
&-3m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(11)}m_{111}^{(22)} + 6m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{111}^{(21)} - 3m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(22)}m_{111}^{(11)}\\
&+m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(11)}m_{120}^{(22)} - 2m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(21)}m_{120}^{(21)} + m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(22)}m_{120}^{(11)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{200}^{(11)}m_{012}^{(22)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{200}^{(21)}m_{012}^{(21)} + m_{100}^{(20)}m_{010}^{(10)}m_{200}^{(22)}m_{012}^{(11)}\\
&-2m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(11)}m_{102}^{(22)} + 4m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{102}^{(21)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{102}^{(11)}\\
&-m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(00)}m_{003}^{(21)} - m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(10)}m_{102}^{(22)} + m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(10)}m_{003}^{(20)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(20)}m_{102}^{(21)} + m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(20)}m_{003}^{(10)} + m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(21)}m_{102}^{(20)}\\
&-m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(21)}m_{003}^{(00)} - m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(22)}m_{102}^{(10)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(00)}m_{012}^{(21)}\\
&+2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{111}^{(22)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{012}^{(20)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(11)}m_{201}^{(22)}\\
&-2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{111}^{(21)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{012}^{(10)} - 4m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{201}^{(21)}\\
&-2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{111}^{(20)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{012}^{(00)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(11)}m_{201}^{(11)}\\
&+2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(22)}m_{111}^{(10)} - m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(00)}m_{021}^{(21)} - m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{120}^{(22)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{021}^{(20)} - m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(11)}m_{210}^{(22)} + m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(20)}m_{120}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(20)}m_{021}^{(10)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(21)}m_{210}^{(21)} + m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(21)}m_{120}^{(20)}\\
&-m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(21)}m_{021}^{(00)} - m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(22)}m_{210}^{(11)} - m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(22)}m_{120}^{(10)}\\
&+m_{100}^{(20)}m_{010}^{(11)}m_{110}^{(00)}m_{003}^{(21)} + m_{100}^{(20)}m_{010}^{(11)}m_{110}^{(10)}m_{102}^{(22)} - m_{100}^{(20)}m_{010}^{(11)}m_{110}^{(10)}m_{003}^{(20)}\\
&-m_{100}^{(20)}m_{010}^{(11)}m_{110}^{(20)}m_{102}^{(21)} - m_{100}^{(20)}m_{010}^{(11)}m_{110}^{(20)}m_{003}^{(10)} - m_{100}^{(20)}m_{010}^{(11)}m_{110}^{(21)}m_{102}^{(20)}\\
&+m_{100}^{(20)}m_{010}^{(11)}m_{110}^{(21)}m_{003}^{(00)} + m_{100}^{(20)}m_{010}^{(11)}m_{110}^{(22)}m_{102}^{(10)} - m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(00)}m_{012}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(10)}m_{111}^{(22)} + m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(10)}m_{012}^{(20)} + m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(20)}m_{111}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(20)}m_{012}^{(10)} + m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(21)}m_{111}^{(20)} - m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(21)}m_{012}^{(00)}\\
&-m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(22)}m_{111}^{(10)} - m_{100}^{(20)}m_{010}^{(11)}m_{011}^{(00)}m_{102}^{(21)} - m_{100}^{(20)}m_{010}^{(11)}m_{011}^{(10)}m_{201}^{(22)}\\
&+m_{100}^{(20)}m_{010}^{(11)}m_{011}^{(10)}m_{102}^{(20)} + m_{100}^{(20)}m_{010}^{(11)}m_{011}^{(20)}m_{201}^{(21)} + m_{100}^{(20)}m_{010}^{(11)}m_{011}^{(20)}m_{102}^{(10)}\\
&+m_{100}^{(20)}m_{010}^{(11)}m_{011}^{(21)}m_{201}^{(20)} - m_{100}^{(20)}m_{010}^{(11)}m_{011}^{(21)}m_{102}^{(00)} - m_{100}^{(20)}m_{010}^{(11)}m_{011}^{(22)}m_{201}^{(10)}\\
&+m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(00)}m_{111}^{(21)} + m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(10)}m_{210}^{(22)} - m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(10)}m_{111}^{(20)}\\
&-m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(20)}m_{210}^{(21)} - m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(20)}m_{111}^{(10)} - m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(21)}m_{210}^{(20)}\\
&+m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(21)}m_{111}^{(00)} + m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(22)}m_{210}^{(10)} - m_{100}^{(20)}m_{010}^{(20)}m_{200}^{(11)}m_{021}^{(22)}\\
&+2m_{100}^{(20)}m_{010}^{(20)}m_{200}^{(21)}m_{021}^{(21)} - m_{100}^{(20)}m_{010}^{(20)}m_{200}^{(22)}m_{021}^{(11)} + m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(10)}m_{021}^{(22)}\\
&-m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(10)}m_{012}^{(21)} + 3m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(11)}m_{111}^{(22)} + m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(11)}m_{012}^{(20)}\\
&-m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(20)}m_{021}^{(21)} + m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(11)} - 6m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{111}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{021}^{(20)} - m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{012}^{(10)} + 3m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(22)}m_{111}^{(11)}\\
&+m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(22)}m_{021}^{(10)} - m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(10)}m_{030}^{(22)} + m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(10)}m_{021}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(11)}m_{120}^{(22)} - m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(11)}m_{021}^{(20)} + m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(20)}m_{030}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(20)}m_{021}^{(11)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{120}^{(21)} + m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{030}^{(20)}\\
&+m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{021}^{(10)} - m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(22)}m_{120}^{(11)} - m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(22)}m_{030}^{(10)}
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&+m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(00)}m_{012}^{(21)} - m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(10)}m_{111}^{(22)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(10)}m_{102}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(10)}m_{012}^{(20)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(11)}m_{201}^{(22)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(11)}m_{102}^{(20)}\\
&+m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(20)}m_{111}^{(21)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(20)}m_{102}^{(11)} - m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(20)}m_{012}^{(10)}\\
&+4m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(21)}m_{201}^{(21)} + m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(21)}m_{111}^{(20)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(21)}m_{102}^{(10)}\\
&+m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(21)}m_{012}^{(00)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(22)}m_{201}^{(11)} - m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(22)}m_{111}^{(10)}\\
&-2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(00)}m_{021}^{(21)} + m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{120}^{(22)} - 3m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(21)}\\
&+2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{021}^{(20)} + m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(11)}m_{210}^{(22)} + 3m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(11)}m_{111}^{(20)}\\
&-m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(20)}m_{120}^{(21)} + 3m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(11)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(20)}m_{021}^{(10)}\\
&-2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{210}^{(21)} - m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{120}^{(20)} - 3m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(10)}\\
&-2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{021}^{(00)} + m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(22)}m_{210}^{(11)} + m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(22)}m_{120}^{(10)}\\
&+m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(00)}m_{030}^{(21)} + m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(10)}m_{120}^{(21)} - m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(10)}m_{030}^{(20)}\\
&-m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(11)}m_{120}^{(20)} - m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(20)}m_{120}^{(11)} - m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(20)}m_{030}^{(10)}\\
&+m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(21)}m_{120}^{(10)} + m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(21)}m_{030}^{(00)} - m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(10)}m_{021}^{(22)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(21)} - m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(11)}m_{012}^{(20)} + m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(20)}m_{021}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(11)} + m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{021}^{(20)} + m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{012}^{(10)}\\
&-m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(22)}m_{021}^{(10)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(00)}m_{012}^{(21)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{102}^{(21)}\\
&+2m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{012}^{(20)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(11)}m_{102}^{(20)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(11)}\\
&+2m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{012}^{(10)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{102}^{(10)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{012}^{(00)}\\
&+2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(00)}m_{021}^{(21)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{120}^{(22)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{021}^{(20)}\\
&-2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(21)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{021}^{(10)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{120}^{(20)}\\
&+2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{021}^{(00)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(22)}m_{120}^{(10)} + m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(00)}m_{102}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(10)}m_{201}^{(22)} - m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(10)}m_{102}^{(20)} - m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(20)}m_{201}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(20)}m_{102}^{(10)} - m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(21)}m_{201}^{(20)} + m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(21)}m_{102}^{(00)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(22)}m_{201}^{(10)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{210}^{(22)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(21)}\\
&-2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(11)}m_{201}^{(20)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(21)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(11)}\\
&+2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{210}^{(20)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(10)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(22)}m_{210}^{(10)}\\
&-m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(00)}m_{120}^{(21)} - m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(10)}m_{210}^{(21)} + m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(10)}m_{120}^{(20)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(11)}m_{210}^{(20)} + m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(20)}m_{210}^{(11)} + m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(20)}m_{120}^{(10)}\\
&-m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(21)}m_{210}^{(10)} - m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(21)}m_{120}^{(00)} + m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(10)}m_{030}^{(22)}\\
&-m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(11)}m_{021}^{(20)} + m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(11)} - m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(20)}m_{030}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{021}^{(10)} - m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{030}^{(10)} + m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(22)}m_{030}^{(10)}\\
&+m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(00)}m_{021}^{(21)} - 2m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{120}^{(22)}\\
&+3m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(21)} - m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{021}^{(20)} - 3m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(11)}m_{111}^{(20)}\\
&+2m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{120}^{(21)} - 3m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(11)} - m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{021}^{(10)}\\
&+2m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{120}^{(20)} + 3m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(10)} + m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{021}^{(00)}\\
&-2m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(22)}m_{120}^{(10)} - m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(00)}m_{030}^{(21)} - m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(10)}m_{120}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(10)}m_{030}^{(20)} + m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(11)}m_{120}^{(20)} + m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(11)}\\
&+m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(20)}m_{030}^{(10)} - m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(21)}m_{120}^{(10)} - m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(21)}m_{030}^{(00)}
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&-m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(00)}m_{111}^{(21)}+m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(10)}m_{210}^{(22)}-2m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(10)}m_{201}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(10)}m_{111}^{(20)}+2m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(11)}m_{201}^{(20)}-m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(20)}m_{210}^{(21)}\\
&+2m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(20)}m_{201}^{(11)}+m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(20)}m_{111}^{(10)}-m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(21)}m_{210}^{(20)}\\
&-2m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(21)}m_{201}^{(10)}-m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(21)}m_{111}^{(00)}+m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(22)}m_{210}^{(10)}\\
&+m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(00)}m_{120}^{(21)}+m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{210}^{(21)}-m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{120}^{(20)}\\
&-m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(11)}m_{210}^{(20)}-m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(11)}-m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(20)}m_{120}^{(10)}\\
&+m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(21)}m_{210}^{(10)}+m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(21)}m_{120}^{(00)}+m_{100}^{(20)}m_{001}^{(00)}m_{110}^{(11)}m_{021}^{(22)}\\
&-2m_{100}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{021}^{(21)}+m_{100}^{(20)}m_{001}^{(00)}m_{110}^{(22)}m_{021}^{(11)}-m_{100}^{(20)}m_{001}^{(00)}m_{101}^{(11)}m_{030}^{(22)}\\
&+2m_{100}^{(20)}m_{001}^{(00)}m_{101}^{(21)}m_{030}^{(21)}-m_{100}^{(20)}m_{001}^{(00)}m_{101}^{(22)}m_{030}^{(11)}-m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(11)}m_{111}^{(22)}\\
&+2m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{111}^{(21)}-m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(22)}m_{111}^{(11)}+m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{120}^{(22)}\\
&-2m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{120}^{(21)}+m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(22)}m_{120}^{(11)}-m_{100}^{(20)}m_{001}^{(10)}m_{200}^{(11)}m_{021}^{(22)}\\
&+2m_{100}^{(20)}m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(21)}-m_{100}^{(20)}m_{001}^{(10)}m_{200}^{(22)}m_{021}^{(11)}-m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{021}^{(22)}\\
&+m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(21)}+m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(11)}m_{111}^{(22)}-m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(11)}m_{012}^{(20)}\\
&+m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(21)}-m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(11)}-2m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(21)}\\
&+m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{021}^{(20)}+m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(10)}+m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{021}^{(10)}+m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{030}^{(22)}-m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(21)}\\
&+m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{120}^{(22)}+m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{021}^{(20)}-m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{030}^{(21)}\\
&+m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(11)}-2m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(21)}-m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{030}^{(20)}\\
&-m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(10)}+m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(22)}m_{120}^{(11)}+m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(22)}m_{030}^{(10)}\\
&+m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(00)}m_{003}^{(11)}+m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{111}^{(22)}-m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(21)}\\
&-2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{003}^{(10)}+m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(11)}m_{102}^{(20)}+m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(11)}m_{003}^{(00)}\\
&-m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{111}^{(21)}+m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(11)}-m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{111}^{(20)}\\
&-m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{102}^{(10)}+m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(22)}m_{111}^{(10)}-2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(00)}m_{012}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{120}^{(22)}+m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(21)}+4m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{012}^{(10)}\\
&-m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{210}^{(22)}-m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{111}^{(20)}-2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{012}^{(00)}\\
&+m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(21)}-m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(11)}+2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{210}^{(21)}\\
&+m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{120}^{(20)}+m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(10)}-m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(22)}m_{210}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(22)}m_{120}^{(10)}+m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(00)}m_{021}^{(11)}-2m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{021}^{(10)}\\
&+m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(11)}m_{021}^{(00)}+m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(10)}m_{021}^{(22)}-m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(21)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(11)}m_{012}^{(20)}-m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(20)}m_{021}^{(21)}+m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(21)}m_{021}^{(20)}-m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(21)}m_{012}^{(10)}+m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(22)}m_{021}^{(10)}\\
&-m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(00)}m_{003}^{(11)}-m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(10)}m_{111}^{(22)}+m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(21)}\\
&+2m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(10)}m_{003}^{(10)}-m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(11)}m_{102}^{(20)}-m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(11)}m_{003}^{(00)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(21)}-m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(11)}+m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{111}^{(20)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{102}^{(10)}-m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(22)}m_{111}^{(10)}+m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(00)}m_{012}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{120}^{(22)}+m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(21)}-2m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{012}^{(10)}\\
&-m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(11)}m_{111}^{(20)}+m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(11)}m_{012}^{(00)}+m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{120}^{(21)}\\
&-m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(11)}+m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{120}^{(20)}+m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(10)}
\end{aligned}
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\begin{aligned}
&-m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(22)}m_{120}^{(10)} + m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(00)}m_{102}^{(11)} + m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{210}^{(22)}\\
&-m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(21)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{102}^{(10)} + m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(11)}m_{201}^{(20)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(11)}m_{102}^{(00)} - m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{210}^{(21)} + m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(21)}m_{210}^{(20)} - m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(21)}m_{201}^{(10)} + m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(22)}m_{210}^{(10)}\\
&-m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(00)}m_{111}^{(11)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(10)}m_{111}^{(10)} - m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(11)}m_{111}^{(00)}\\
&+m_{100}^{(20)}m_{001}^{(20)}m_{200}^{(11)}m_{030}^{(22)} - 2m_{100}^{(20)}m_{001}^{(20)}m_{200}^{(21)}m_{030}^{(21)} + m_{100}^{(20)}m_{001}^{(20)}m_{200}^{(22)}m_{030}^{(11)}\\
&-2m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{120}^{(22)} + 4m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(21)} - 2m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(22)}m_{120}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(00)}m_{012}^{(11)} + 2m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{012}^{(10)} + m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(11)}m_{012}^{(22)}\\
&-m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(11)}m_{012}^{(00)} - 2m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{210}^{(21)} + m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(22)}m_{210}^{(11)}\\
&+2m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(00)}m_{021}^{(11)} - 4m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{021}^{(10)} + 2m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{021}^{(00)}\\
&-m_{100}^{(20)}m_{001}^{(20)}m_{002}^{(00)}m_{030}^{(11)} + 2m_{100}^{(20)}m_{001}^{(20)}m_{002}^{(10)}m_{030}^{(10)} - m_{100}^{(20)}m_{001}^{(20)}m_{002}^{(11)}m_{030}^{(00)}\\
&-m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{030}^{(22)} + m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(21)} - m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{021}^{(20)}\\
&+m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{030}^{(21)} - m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(11)} + m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{030}^{(20)}\\
&+m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(10)} - m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(22)}m_{030}^{(10)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{012}^{(11)}\\
&+2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{120}^{(22)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(21)} - 4m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{012}^{(10)}\\
&+2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{111}^{(20)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{012}^{(00)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(21)}\\
&+2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(11)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{120}^{(20)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(10)}\\
&+2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(22)}m_{120}^{(10)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(00)}m_{021}^{(11)} + 4m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(10)}\\
&-2m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{021}^{(00)} - m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{102}^{(11)} - m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{210}^{(22)}\\
&+m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(21)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{102}^{(10)} - m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(11)}m_{201}^{(20)}\\
&-m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(11)}m_{102}^{(00)} + m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(21)} - m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(11)}\\
&+m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{210}^{(20)} + m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{201}^{(10)} - m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(22)}m_{210}^{(10)}\\
&+m_{100}^{(20)}m_{001}^{(21)}m_{002}^{(00)}m_{120}^{(11)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{002}^{(10)}m_{120}^{(10)} + m_{100}^{(20)}m_{001}^{(21)}m_{002}^{(11)}m_{120}^{(00)}\\
&-m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{021}^{(11)} + 2m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{021}^{(10)} - m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{021}^{(00)}\\
&+m_{100}^{(20)}m_{001}^{(22)}m_{101}^{(00)}m_{030}^{(11)} - 2m_{100}^{(20)}m_{001}^{(22)}m_{101}^{(10)}m_{030}^{(10)} + m_{100}^{(20)}m_{001}^{(22)}m_{101}^{(11)}m_{030}^{(00)}\\
&+m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(11)} - 2m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{111}^{(10)} + m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(11)}m_{111}^{(00)}\\
&-m_{100}^{(20)}m_{001}^{(22)}m_{011}^{(00)}m_{120}^{(11)} + 2m_{100}^{(20)}m_{001}^{(22)}m_{011}^{(10)}m_{120}^{(10)} - m_{100}^{(20)}m_{001}^{(22)}m_{011}^{(11)}m_{120}^{(00)}\\
&-2(m_{100}^{(21)})^2m_{200}^{(10)}m_{021}^{(22)} - 2(m_{100}^{(21)})^2m_{200}^{(10)}m_{012}^{(21)} + 2(m_{100}^{(21)})^2m_{200}^{(11)}m_{012}^{(20)}\\
&+2(m_{100}^{(21)})^2m_{200}^{(20)}m_{021}^{(21)} + 2(m_{100}^{(21)})^2m_{200}^{(20)}m_{012}^{(11)} + 2(m_{100}^{(21)})^2m_{200}^{(21)}m_{021}^{(20)}\\
&-2(m_{100}^{(21)})^2m_{200}^{(21)}m_{012}^{(10)} - 2(m_{100}^{(21)})^2m_{200}^{(22)}m_{021}^{(10)} + 3(m_{100}^{(21)})^2m_{110}^{(10)}m_{111}^{(22)}\\
&+(m_{100}^{(21)})^2m_{110}^{(10)}m_{102}^{(21)} - (m_{100}^{(21)})^2m_{110}^{(11)}m_{102}^{(20)} - 3(m_{100}^{(21)})^2m_{110}^{(20)}m_{111}^{(21)}\\
&-(m_{100}^{(21)})^2m_{110}^{(20)}m_{102}^{(11)} - 3(m_{100}^{(21)})^2m_{110}^{(21)}m_{111}^{(20)} + (m_{100}^{(21)})^2m_{110}^{(21)}m_{102}^{(10)}\\
&+3(m_{100}^{(21)})^2m_{110}^{(22)}m_{111}^{(10)} + (m_{100}^{(21)})^2m_{101}^{(10)}m_{120}^{(22)} + 3(m_{100}^{(21)})^2m_{101}^{(10)}m_{111}^{(21)}\\
&-3(m_{100}^{(21)})^2m_{101}^{(11)}m_{111}^{(20)} - (m_{100}^{(21)})^2m_{101}^{(20)}m_{120}^{(21)} - 3(m_{100}^{(21)})^2m_{101}^{(20)}m_{111}^{(11)}\\
&-(m_{100}^{(21)})^2m_{101}^{(21)}m_{120}^{(20)} + 3(m_{100}^{(21)})^2m_{101}^{(21)}m_{111}^{(10)} + (m_{100}^{(21)})^2m_{101}^{(22)}m_{120}^{(10)}\\
&-(m_{100}^{(21)})^2m_{020}^{(10)}m_{201}^{(22)} + (m_{100}^{(21)})^2m_{020}^{(20)}m_{201}^{(21)} + (m_{100}^{(21)})^2m_{020}^{(21)}m_{201}^{(20)}\\
&-(m_{100}^{(21)})^2m_{020}^{(22)}m_{201}^{(10)} - (m_{100}^{(21)})^2m_{011}^{(10)}m_{210}^{(22)} - (m_{100}^{(21)})^2m_{011}^{(10)}m_{201}^{(21)}\\
&+(m_{100}^{(21)})^2m_{011}^{(11)}m_{201}^{(20)} + (m_{100}^{(21)})^2m_{011}^{(20)}m_{210}^{(21)} + (m_{100}^{(21)})^2m_{011}^{(20)}m_{201}^{(11)}
\end{aligned}
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\begin{aligned}
&+(m_{100}^{(21)})^2 m_{011}^{(21)} m_{210}^{(20)} - (m_{100}^{(21)})^2 m_{011}^{(21)} m_{201}^{(10)} - (m_{100}^{(21)})^2 m_{011}^{(22)} m_{210}^{(10)} \\
&-(m_{100}^{(21)})^2 m_{002}^{(10)} m_{210}^{(21)} + (m_{100}^{(21)})^2 m_{002}^{(11)} m_{210}^{(20)} + (m_{100}^{(21)})^2 m_{002}^{(20)} m_{210}^{(11)} \\
&-(m_{100}^{(21)})^2 m_{002}^{(21)} m_{210}^{(10)} + m_{100}^{(21)} m_{100}^{(22)} m_{200}^{(10)} m_{030}^{(22)} + 3m_{100}^{(21)} m_{100}^{(22)} m_{200}^{(10)} m_{021}^{(21)} \\
&-3m_{100}^{(21)} m_{100}^{(22)} m_{200}^{(11)} m_{021}^{(20)} - m_{100}^{(21)} m_{100}^{(22)} m_{200}^{(20)} m_{030}^{(21)} - 3m_{100}^{(21)} m_{100}^{(22)} m_{200}^{(20)} m_{021}^{(11)} \\
&-m_{100}^{(21)} m_{100}^{(22)} m_{200}^{(21)} m_{030}^{(20)} + 3m_{100}^{(21)} m_{100}^{(22)} m_{200}^{(21)} m_{021}^{(10)} + m_{100}^{(21)} m_{100}^{(22)} m_{200}^{(22)} m_{030}^{(10)} \\
&-2m_{100}^{(21)} m_{100}^{(22)} m_{110}^{(10)} m_{120}^{(22)} - 4m_{100}^{(21)} m_{100}^{(22)} m_{110}^{(10)} m_{111}^{(21)} + 4m_{100}^{(21)} m_{100}^{(22)} m_{110}^{(11)} m_{111}^{(20)} \\
&+2m_{100}^{(21)} m_{100}^{(22)} m_{110}^{(20)} m_{120}^{(21)} + 4m_{100}^{(21)} m_{100}^{(22)} m_{110}^{(20)} m_{111}^{(11)} + 2m_{100}^{(21)} m_{100}^{(22)} m_{110}^{(21)} m_{120}^{(20)} \\
&-4m_{100}^{(21)} m_{100}^{(22)} m_{110}^{(21)} m_{111}^{(10)} - 2m_{100}^{(21)} m_{100}^{(22)} m_{110}^{(22)} m_{120}^{(10)} - 2m_{100}^{(21)} m_{100}^{(22)} m_{101}^{(10)} m_{120}^{(21)} \\
&+2m_{100}^{(21)} m_{100}^{(22)} m_{101}^{(11)} m_{120}^{(20)} + 2m_{100}^{(21)} m_{100}^{(22)} m_{101}^{(20)} m_{120}^{(11)} - 2m_{100}^{(21)} m_{100}^{(22)} m_{101}^{(21)} m_{120}^{(10)} \\
&+m_{100}^{(21)} m_{100}^{(22)} m_{020}^{(10)} m_{210}^{(22)} + m_{100}^{(21)} m_{100}^{(22)} m_{020}^{(10)} m_{201}^{(21)} - m_{100}^{(21)} m_{100}^{(22)} m_{020}^{(11)} m_{201}^{(20)} \\
&-m_{100}^{(21)} m_{100}^{(22)} m_{020}^{(20)} m_{210}^{(21)} - m_{100}^{(21)} m_{100}^{(22)} m_{020}^{(20)} m_{201}^{(11)} - m_{100}^{(21)} m_{100}^{(22)} m_{020}^{(21)} m_{210}^{(20)} \\
&+m_{100}^{(21)} m_{100}^{(22)} m_{020}^{(21)} m_{201}^{(10)} + m_{100}^{(21)} m_{100}^{(22)} m_{020}^{(22)} m_{210}^{(10)} + 2m_{100}^{(21)} m_{100}^{(22)} m_{011}^{(10)} m_{210}^{(21)} \\
&-2m_{100}^{(21)} m_{100}^{(22)} m_{011}^{(11)} m_{210}^{(20)} - 2m_{100}^{(21)} m_{100}^{(22)} m_{011}^{(20)} m_{210}^{(11)} + 2m_{100}^{(21)} m_{100}^{(22)} m_{011}^{(21)} m_{210}^{(10)} \\
&-m_{100}^{(21)} m_{010}^{(00)} m_{110}^{(11)} m_{102}^{(22)} + 2m_{100}^{(21)} m_{010}^{(00)} m_{110}^{(21)} m_{102}^{(21)} - m_{100}^{(21)} m_{010}^{(00)} m_{110}^{(22)} m_{102}^{(11)} \\
&+m_{100}^{(21)} m_{010}^{(00)} m_{101}^{(11)} m_{111}^{(22)} - 2m_{100}^{(21)} m_{010}^{(00)} m_{101}^{(21)} m_{111}^{(21)} + m_{100}^{(21)} m_{010}^{(00)} m_{101}^{(22)} m_{111}^{(11)} \\
&+m_{100}^{(21)} m_{010}^{(00)} m_{011}^{(11)} m_{201}^{(22)} - 2m_{100}^{(21)} m_{010}^{(00)} m_{011}^{(21)} m_{201}^{(21)} + m_{100}^{(21)} m_{010}^{(00)} m_{011}^{(22)} m_{201}^{(11)} \\
&-m_{100}^{(21)} m_{010}^{(00)} m_{002}^{(11)} m_{210}^{(22)} + 2m_{100}^{(21)} m_{010}^{(00)} m_{002}^{(21)} m_{210}^{(21)} - m_{100}^{(21)} m_{010}^{(00)} m_{002}^{(22)} m_{210}^{(11)} \\
&+m_{100}^{(21)} m_{010}^{(10)} m_{200}^{(11)} m_{102}^{(22)} - 2m_{100}^{(21)} m_{010}^{(10)} m_{200}^{(21)} m_{102}^{(21)} + m_{100}^{(21)} m_{010}^{(10)} m_{200}^{(22)} m_{102}^{(11)} \\
&+m_{100}^{(21)} m_{010}^{(10)} m_{110}^{(00)} m_{012}^{(22)} + m_{100}^{(21)} m_{010}^{(10)} m_{110}^{(00)} m_{003}^{(21)} + m_{100}^{(21)} m_{010}^{(10)} m_{110}^{(10)} m_{102}^{(22)} \\
&-m_{100}^{(21)} m_{010}^{(10)} m_{110}^{(10)} m_{003}^{(20)} - m_{100}^{(21)} m_{010}^{(10)} m_{110}^{(20)} m_{102}^{(21)} - 2m_{100}^{(21)} m_{010}^{(10)} m_{110}^{(20)} m_{012}^{(20)} \\
&-m_{100}^{(21)} m_{010}^{(10)} m_{110}^{(20)} m_{003}^{(10)} - m_{100}^{(21)} m_{010}^{(10)} m_{110}^{(21)} m_{102}^{(20)} + m_{100}^{(21)} m_{010}^{(10)} m_{110}^{(21)} m_{003}^{(00)} \\
&+m_{100}^{(21)} m_{010}^{(10)} m_{110}^{(22)} m_{102}^{(10)} + m_{100}^{(21)} m_{010}^{(10)} m_{110}^{(22)} m_{012}^{(00)} - m_{100}^{(21)} m_{010}^{(10)} m_{101}^{(00)} m_{021}^{(22)} \\
&-m_{100}^{(21)} m_{010}^{(10)} m_{101}^{(00)} m_{012}^{(21)} - m_{100}^{(21)} m_{010}^{(10)} m_{101}^{(10)} m_{111}^{(22)} + m_{100}^{(21)} m_{010}^{(10)} m_{101}^{(10)} m_{012}^{(20)} \\
&-2m_{100}^{(21)} m_{010}^{(10)} m_{101}^{(11)} m_{201}^{(22)} + m_{100}^{(21)} m_{010}^{(10)} m_{101}^{(20)} m_{111}^{(21)} + 2m_{100}^{(21)} m_{010}^{(10)} m_{101}^{(20)} m_{021}^{(20)} \\
&+m_{100}^{(21)} m_{010}^{(10)} m_{101}^{(20)} m_{012}^{(10)} + 4m_{100}^{(21)} m_{010}^{(10)} m_{101}^{(21)} m_{201}^{(21)} + m_{100}^{(21)} m_{010}^{(10)} m_{101}^{(21)} m_{111}^{(20)} \\
&-m_{100}^{(21)} m_{010}^{(10)} m_{101}^{(21)} m_{012}^{(00)} - 2m_{100}^{(21)} m_{010}^{(10)} m_{101}^{(22)} m_{201}^{(11)} - m_{100}^{(21)} m_{010}^{(10)} m_{101}^{(22)} m_{111}^{(10)} \\
&-m_{100}^{(21)} m_{010}^{(10)} m_{101}^{(22)} m_{021}^{(00)} - m_{100}^{(21)} m_{010}^{(10)} m_{020}^{(00)} m_{102}^{(22)} + 2m_{100}^{(21)} m_{010}^{(10)} m_{020}^{(20)} m_{102}^{(20)} \\
&-m_{100}^{(21)} m_{010}^{(10)} m_{020}^{(22)} m_{102}^{(00)} + m_{100}^{(21)} m_{010}^{(10)} m_{011}^{(00)} m_{111}^{(22)} - m_{100}^{(21)} m_{010}^{(10)} m_{011}^{(00)} m_{102}^{(21)} \\
&-m_{100}^{(21)} m_{010}^{(10)} m_{011}^{(10)} m_{201}^{(22)} + m_{100}^{(21)} m_{010}^{(10)} m_{011}^{(10)} m_{102}^{(20)} + m_{100}^{(21)} m_{010}^{(10)} m_{011}^{(20)} m_{201}^{(21)} \\
&-2m_{100}^{(21)} m_{010}^{(10)} m_{011}^{(20)} m_{111}^{(20)} + m_{100}^{(21)} m_{010}^{(10)} m_{011}^{(20)} m_{102}^{(10)} + m_{100}^{(21)} m_{010}^{(10)} m_{011}^{(21)} m_{201}^{(20)} \\
&-m_{100}^{(21)} m_{010}^{(10)} m_{011}^{(21)} m_{102}^{(00)} - m_{100}^{(21)} m_{010}^{(10)} m_{011}^{(22)} m_{201}^{(10)} + m_{100}^{(21)} m_{010}^{(10)} m_{011}^{(22)} m_{111}^{(00)} \\
&+m_{100}^{(21)} m_{010}^{(10)} m_{002}^{(00)} m_{111}^{(21)} + m_{100}^{(21)} m_{010}^{(10)} m_{002}^{(10)} m_{210}^{(22)} - m_{100}^{(21)} m_{010}^{(10)} m_{002}^{(10)} m_{111}^{(20)} \\
&+m_{100}^{(21)} m_{010}^{(10)} m_{002}^{(11)} m_{300}^{(22)} - m_{100}^{(21)} m_{010}^{(10)} m_{002}^{(20)} m_{210}^{(21)} - m_{100}^{(21)} m_{010}^{(10)} m_{002}^{(20)} m_{111}^{(10)} \\
&-2m_{100}^{(21)} m_{010}^{(10)} m_{002}^{(21)} m_{300}^{(21)} - m_{100}^{(21)} m_{010}^{(10)} m_{002}^{(21)} m_{210}^{(20)} + m_{100}^{(21)} m_{010}^{(10)} m_{002}^{(21)} m_{111}^{(00)} \\
&+m_{100}^{(21)} m_{010}^{(10)} m_{002}^{(22)} m_{300}^{(11)} + m_{100}^{(21)} m_{010}^{(10)} m_{002}^{(22)} m_{210}^{(10)} - m_{100}^{(21)} m_{010}^{(11)} m_{200}^{(00)} m_{012}^{(22)} \\
&-m_{100}^{(21)} m_{010}^{(11)} m_{200}^{(00)} m_{003}^{(21)} - m_{100}^{(21)} m_{010}^{(11)} m_{200}^{(10)} m_{102}^{(22)} + m_{100}^{(21)} m_{010}^{(11)} m_{200}^{(10)} m_{003}^{(20)} \\
&+m_{100}^{(21)} m_{010}^{(11)} m_{200}^{(20)} m_{102}^{(21)} + 2m_{100}^{(21)} m_{010}^{(11)} m_{200}^{(20)} m_{012}^{(20)} + m_{100}^{(21)} m_{010}^{(11)} m_{200}^{(20)} m_{003}^{(10)} \\
&+m_{100}^{(21)} m_{010}^{(11)} m_{200}^{(21)} m_{102}^{(20)} - m_{100}^{(21)} m_{010}^{(11)} m_{200}^{(21)} m_{003}^{(00)} - m_{100}^{(21)} m_{010}^{(11)} m_{200}^{(22)} m_{102}^{(10)}
\end{aligned}
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\begin{aligned}
&-m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(22)}m_{012}^{(00)}+m_{100}^{(21)}m_{010}^{(11)}m_{110}^{(00)}m_{102}^{(22)}-2m_{100}^{(21)}m_{010}^{(11)}m_{110}^{(20)}m_{102}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(11)}m_{110}^{(22)}m_{102}^{(00)}+m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(00)}m_{111}^{(22)}+2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(00)}m_{102}^{(21)}\\
&+2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(10)}m_{201}^{(22)}-2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(10)}m_{102}^{(20)}-2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{201}^{(21)}\\
&-2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{111}^{(20)}-2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{102}^{(10)}-2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(21)}m_{201}^{(20)}\\
&+2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(21)}m_{102}^{(00)}+2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(22)}m_{201}^{(10)}+m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(22)}m_{111}^{(00)}\\
&-m_{100}^{(21)}m_{010}^{(11)}m_{011}^{(00)}m_{201}^{(22)}+2m_{100}^{(21)}m_{010}^{(11)}m_{011}^{(20)}m_{201}^{(20)}-m_{100}^{(21)}m_{010}^{(11)}m_{011}^{(22)}m_{201}^{(00)}\\
&-m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(00)}m_{201}^{(21)}-m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(10)}m_{300}^{(22)}+m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(10)}m_{201}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(20)}m_{300}^{(21)}+m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(20)}m_{201}^{(10)}+m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(21)}m_{300}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(21)}m_{201}^{(00)}-m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(22)}m_{300}^{(10)}-m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(11)}m_{111}^{(22)}\\
&+2m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{111}^{(21)}-m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(22)}m_{111}^{(11)}-m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(00)}m_{021}^{(22)}\\
&-m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(00)}m_{012}^{(21)}-m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(10)}m_{102}^{(21)}+m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(10)}m_{012}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(11)}m_{201}^{(22)}+m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(11)}m_{102}^{(20)}+m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{102}^{(11)}\\
&+2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{021}^{(20)}+m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(10)}-2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{201}^{(21)}\\
&-m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{102}^{(10)}-m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{012}^{(00)}+m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(22)}m_{201}^{(11)}\\
&-m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(22)}m_{021}^{(00)}+m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(00)}m_{030}^{(22)}+m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(00)}m_{021}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{111}^{(21)}-m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{021}^{(20)}+m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(11)}m_{210}^{(22)}\\
&-m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(11)}m_{111}^{(20)}-m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{111}^{(11)}-2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{030}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{021}^{(10)}-2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{210}^{(21)}+m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(10)}\\
&+m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{021}^{(00)}+m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(22)}m_{210}^{(11)}+m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(22)}m_{030}^{(00)}\\
&+m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(00)}m_{111}^{(22)}-2m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(20)}m_{111}^{(20)}+m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(22)}m_{111}^{(00)}\\
&-m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{120}^{(22)}+m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{111}^{(21)}+m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{201}^{(21)}\\
&-m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(20)}-m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(11)}m_{300}^{(22)}-m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(11)}m_{201}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{201}^{(11)}+2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{120}^{(20)}-m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(10)}\\
&+2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(21)}m_{300}^{(21)}+m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(21)}m_{201}^{(10)}+m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(00)}\\
&-m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(22)}m_{300}^{(11)}-m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(22)}m_{120}^{(00)}-m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(00)}m_{120}^{(21)}\\
&-m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(10)}m_{210}^{(21)}+m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(10)}m_{120}^{(20)}+m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(11)}m_{210}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(20)}m_{210}^{(11)}+m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(20)}m_{120}^{(10)}-m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(21)}m_{210}^{(10)}\\
&-m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(21)}m_{120}^{(00)}+2m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(00)}m_{021}^{(22)}+2m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(00)}m_{012}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(10)}m_{111}^{(22)}+m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(10)}m_{102}^{(21)}-2m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(11)}m_{102}^{(20)}-m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{111}^{(21)}-m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{102}^{(11)}\\
&-4m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{021}^{(20)}-2m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(10)}-m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(21)}m_{102}^{(10)}+2m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(21)}m_{012}^{(00)}+m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(22)}m_{111}^{(10)}\\
&+2m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(22)}m_{021}^{(00)}-3m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(00)}m_{111}^{(22)}-m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(00)}m_{102}^{(21)}\\
&-m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(10)}m_{201}^{(22)}+m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(10)}m_{102}^{(20)}+m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(20)}m_{201}^{(21)}\\
&+6m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(20)}+m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(10)}+m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(21)}m_{201}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(21)}m_{102}^{(00)}-m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(22)}m_{201}^{(10)}-3m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(22)}m_{111}^{(00)}\\
&-m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{120}^{(22)}-3m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{111}^{(21)}-m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{210}^{(22)}\\
&-2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{201}^{(21)}+3m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(20)}+2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(11)}m_{201}^{(20)}
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&+m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{210}^{(21)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{201}^{(11)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(20)}\\
&+3m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(10)} + m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(21)}m_{210}^{(20)} - 2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(21)}m_{201}^{(10)}\\
&-3m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(00)} - m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(22)}m_{210}^{(10)} - m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(22)}m_{120}^{(00)}\\
&+m_{100}^{(21)}m_{010}^{(21)}m_{020}^{(00)}m_{201}^{(22)} - 2m_{100}^{(21)}m_{010}^{(21)}m_{020}^{(20)}m_{201}^{(20)} + m_{100}^{(21)}m_{010}^{(21)}m_{020}^{(22)}m_{201}^{(00)}\\
&+m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(00)}m_{210}^{(22)} + m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(00)}m_{201}^{(21)} + m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(10)}m_{300}^{(22)}\\
&-m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(20)} - m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(20)}m_{300}^{(21)} - 2m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(10)} - m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(21)}m_{300}^{(20)} + m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(00)}\\
&+m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(22)}m_{300}^{(10)} + m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(22)}m_{210}^{(00)} + m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(00)}m_{210}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(10)}m_{300}^{(21)} - m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(10)}m_{210}^{(20)} - m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(11)}m_{300}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(20)}m_{300}^{(11)} - m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(20)}m_{210}^{(10)} + m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(21)}m_{300}^{(10)}\\
&+m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(21)}m_{210}^{(00)} - m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(00)}m_{030}^{(22)} - m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(00)}m_{021}^{(21)}\\
&-m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{111}^{(21)} + m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{021}^{(20)} + m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(11)}m_{111}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{111}^{(11)} + 2m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{030}^{(20)} + m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(10)}\\
&-m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(10)} - m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{021}^{(00)} - m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(22)}m_{030}^{(00)}\\
&+2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(00)}m_{120}^{(22)} + m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(00)}m_{111}^{(21)} + m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{201}^{(21)}\\
&-m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(20)} - m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(11)}m_{201}^{(20)} - m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{201}^{(11)}\\
&-4m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{120}^{(20)} - m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(10)} + m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(10)}\\
&+m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(00)} + 2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(22)}m_{120}^{(00)} + m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(00)}m_{120}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{210}^{(21)} - m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{120}^{(20)} - m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(11)}m_{210}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(20)}m_{210}^{(11)} - m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(10)} + m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(10)}\\
&+m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(21)}m_{120}^{(00)} - m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(00)}m_{210}^{(22)} + 2m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(20)}m_{210}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(22)}m_{210}^{(00)} - m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{210}^{(21)} - m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(10)}m_{300}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(10)}m_{210}^{(20)} + m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(11)}m_{300}^{(20)} + m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(20)}m_{300}^{(11)}\\
&+m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(10)} - m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(21)}m_{300}^{(10)} - m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(21)}m_{210}^{(00)}\\
&-m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(11)}m_{111}^{(22)} + 2m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{111}^{(21)} - m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(22)}m_{111}^{(11)}\\
&+m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(11)}m_{120}^{(22)} - 2m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{120}^{(21)} + m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(22)}m_{120}^{(11)}\\
&+m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(11)}m_{201}^{(22)} - 2m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(21)}m_{201}^{(21)} + m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(22)}m_{201}^{(11)}\\
&-m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(11)}m_{210}^{(22)} + 2m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{210}^{(21)} - m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(22)}m_{210}^{(11)}\\
&+m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(11)}m_{111}^{(22)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{111}^{(21)} + m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(22)}m_{111}^{(11)}\\
&-m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(00)}m_{012}^{(21)} - m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(00)}m_{003}^{(11)} + m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{111}^{(22)}\\
&+m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(20)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{003}^{(10)} - m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(11)}m_{201}^{(22)}\\
&-m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(11)}m_{003}^{(00)} - m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(21)} + m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(10)}\\
&+2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{201}^{(21)} - m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(20)} - m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(00)}\\
&-m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(22)}m_{201}^{(11)} + m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(10)} + m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{021}^{(21)}\\
&+m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{012}^{(11)} - m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{120}^{(22)} - m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(20)}\\
&-2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(10)} - m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(11)}m_{210}^{(22)} + m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(11)}m_{012}^{(00)}\\
&+m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{120}^{(21)} - m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(10)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{210}^{(21)}\\
&+m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(20)} + m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(00)} - m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(22)}m_{210}^{(11)}
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\begin{aligned}
&-m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(22)}m_{120}^{(10)}+m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(00)}m_{102}^{(21)}-m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(10)}m_{201}^{(22)}\\
&-m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(20)}+m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(20)}m_{201}^{(21)}-m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(10)}\\
&+m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(21)}m_{201}^{(20)}+m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(21)}m_{102}^{(00)}-m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(22)}m_{201}^{(10)}\\
&-m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{111}^{(21)}+m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{102}^{(11)}+m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{210}^{(22)}\\
&+m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(20)}-2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(10)}+m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(11)}m_{300}^{(22)}\\
&+m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(11)}m_{102}^{(00)}-m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(21)}+m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(10)}\\
&-2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{300}^{(21)}-m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{210}^{(20)}-m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(00)}\\
&+m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(22)}m_{300}^{(11)}+m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(22)}m_{210}^{(10)}-m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(00)}m_{111}^{(11)}\\
&+2m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(10)}-m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(11)}m_{111}^{(00)}+m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(00)}m_{012}^{(21)}\\
&+m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(00)}m_{003}^{(11)}-m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{111}^{(22)}-m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(20)}\\
&-2m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{003}^{(10)}+m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(11)}m_{003}^{(00)}+m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{111}^{(21)}\\
&-m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(10)}+m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{111}^{(20)}+m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{012}^{(00)}\\
&-m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(22)}m_{111}^{(10)}-m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(00)}m_{102}^{(21)}+m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(10)}m_{201}^{(22)}\\
&+m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(20)}-m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{201}^{(21)}+m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(10)}\\
&-m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(21)}m_{201}^{(20)}-m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(21)}m_{102}^{(00)}+m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(22)}m_{201}^{(10)}\\
&-m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{111}^{(21)}-2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{102}^{(11)}+m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{210}^{(22)}\\
&+m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(20)}+4m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(10)}-2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(11)}m_{102}^{(00)}\\
&-m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{210}^{(21)}+m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(10)}-m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{210}^{(20)}\\
&-m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(00)}+m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(22)}m_{210}^{(10)}+m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(00)}m_{201}^{(21)}\\
&-m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(10)}m_{300}^{(22)}-m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(20)}+m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(20)}m_{300}^{(21)}\\
&-m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(10)}+m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(21)}m_{300}^{(20)}+m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(21)}m_{201}^{(00)}\\
&-m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(22)}m_{300}^{(10)}+m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(00)}m_{201}^{(11)}-2m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(10)}m_{201}^{(10)}\\
&+m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(11)}m_{201}^{(00)}-m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{120}^{(22)}+2m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{120}^{(21)}\\
&-m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(22)}m_{120}^{(11)}+m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{021}^{(21)}+m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{012}^{(11)}\\
&-m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(21)}-m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(20)}-2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(10)}\\
&+2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{210}^{(22)}+m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(20)}+m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{012}^{(00)}\\
&+m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(11)}-m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(10)}-4m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(21)}\\
&-m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(10)}+m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(00)}+2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(22)}m_{210}^{(11)}\\
&-m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(00)}m_{030}^{(21)}-m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(00)}m_{021}^{(11)}+m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(21)}\\
&+m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(20)}+2m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(10)}-m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(20)}\\
&-m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{021}^{(00)}-m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(11)}+m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(10)}\\
&+m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(10)}-m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(21)}m_{030}^{(00)}-m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(21)}\\
&+m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(21)}+m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(20)}-m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(11)}m_{300}^{(22)}\\
&-m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(20)}-m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{201}^{(11)}+m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(10)}\\
&+2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(21)}m_{300}^{(21)}+m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(10)}-m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(00)}\\
&-m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(22)}m_{300}^{(11)}+m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(21)}-m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{111}^{(11)}\\
&-m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(21)}-m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(20)}+2m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(10)}\\
&+m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(20)}-m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(11)}m_{111}^{(00)}+m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(11)}
\end{aligned}
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\begin{aligned}
&-m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(10)} - m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(10)} + m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(00)}\\
&+m_{100}^{(21)}m_{001}^{(20)}m_{002}^{(00)}m_{120}^{(11)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{002}^{(10)}m_{120}^{(10)} + m_{100}^{(21)}m_{001}^{(20)}m_{002}^{(11)}m_{120}^{(00)}\\
&-2m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(21)} - 2m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{012}^{(11)} + m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{120}^{(22)}\\
&+m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(21)} + 2m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(20)} + 4m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(10)}\\
&-m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(20)} - 2m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(11)}m_{012}^{(00)} - m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{120}^{(21)}\\
&-m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(11)} + 2m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(10)} - m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(20)}\\
&+m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(10)} - 2m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(00)} + m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(22)}m_{120}^{(10)}\\
&+3m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(21)} + m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{102}^{(11)} - 2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{210}^{(22)}\\
&-m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(21)} - 3m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(20)} - 2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(10)}\\
&+m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(20)} + m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(11)}m_{102}^{(00)} + 2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(21)}\\
&+m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(11)} - 3m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(10)} + 2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(20)}\\
&-m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(10)} + 3m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(00)} - 2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(10)}\\
&+m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(21)} + 3m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(11)} - m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(21)}\\
&-m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(20)} - 6m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(10)} + m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(20)}\\
&+3m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(11)}m_{111}^{(00)} + m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(11)} - m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(10)}\\
&-m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(10)} + m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(00)} - m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(21)}\\
&+m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(10)}m_{300}^{(22)} + m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(20)} - m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{300}^{(21)}\\
&+m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(10)} - m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(21)}m_{300}^{(20)} - m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(21)}m_{201}^{(00)}\\
&+m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(22)}m_{300}^{(10)} - m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(21)} - m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{201}^{(11)}\\
&+m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(21)} + m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(20)} + 2m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(10)}\\
&-m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(11)}m_{300}^{(20)} - m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(11)}m_{201}^{(00)} - m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(11)}\\
&+m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(10)} + m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(10)} - m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(00)}\\
&-m_{100}^{(21)}m_{001}^{(21)}m_{002}^{(00)}m_{210}^{(11)} + 2m_{100}^{(21)}m_{001}^{(21)}m_{002}^{(10)}m_{210}^{(10)} - m_{100}^{(21)}m_{001}^{(21)}m_{002}^{(11)}m_{210}^{(00)}\\
&+m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(21)} + m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(00)}m_{021}^{(11)} - m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(21)}\\
&-m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(20)} - 2m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(10)} + m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(20)}\\
&+m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{021}^{(00)} + m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(20)}m_{120}^{(11)} - m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(10)}\\
&-m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(10)} + m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(21)}m_{030}^{(00)} - 2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(21)}\\
&-m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{111}^{(11)} + 2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(21)} + 2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(20)}\\
&+2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(10)} - 2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(20)} - m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(11)}m_{111}^{(00)}\\
&-2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(20)}m_{210}^{(11)} + 2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(10)} + 2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(10)}\\
&-2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(21)}m_{120}^{(00)} - m_{100}^{(21)}m_{001}^{(22)}m_{101}^{(00)}m_{120}^{(11)} + 2m_{100}^{(21)}m_{001}^{(22)}m_{101}^{(10)}m_{120}^{(10)}\\
&-m_{100}^{(21)}m_{001}^{(22)}m_{101}^{(11)}m_{120}^{(00)} + m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(21)} - m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(21)}\\
&-m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(20)} + m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(20)} + m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(20)}m_{300}^{(11)}\\
&-m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(10)} - m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(10)} + m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(21)}m_{210}^{(00)}\\
&+m_{100}^{(21)}m_{001}^{(22)}m_{011}^{(00)}m_{210}^{(11)} - 2m_{100}^{(21)}m_{001}^{(22)}m_{011}^{(10)}m_{210}^{(10)} + m_{100}^{(21)}m_{001}^{(22)}m_{011}^{(11)}m_{210}^{(00)}\\
&-(m_{100}^{(22)})^2m_{200}^{(10)}m_{030}^{(21)} + (m_{100}^{(22)})^2m_{200}^{(11)}m_{030}^{(20)} + (m_{100}^{(22)})^2m_{200}^{(20)}m_{030}^{(11)}\\
&-(m_{100}^{(22)})^2m_{200}^{(21)}m_{030}^{(10)} + 2(m_{100}^{(22)})^2m_{110}^{(10)}m_{120}^{(21)} - 2(m_{100}^{(22)})^2m_{110}^{(11)}m_{120}^{(20)}\\
&-2(m_{100}^{(22)})^2m_{110}^{(20)}m_{120}^{(11)} + 2(m_{100}^{(22)})^2m_{110}^{(21)}m_{120}^{(10)} - (m_{100}^{(22)})^2m_{020}^{(10)}m_{210}^{(21)}
\end{aligned}
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\begin{aligned}
&+(m_{100}^{(22)})^2 m_{020}^{(11)} m_{210}^{(20)} + (m_{100}^{(22)})^2 m_{020}^{(20)} m_{210}^{(11)} - (m_{100}^{(22)})^2 m_{020}^{(21)} m_{210}^{(10)} \\
&+m_{100}^{(22)} m_{010}^{(00)} m_{110}^{(11)} m_{111}^{(22)} - 2m_{100}^{(22)} m_{010}^{(00)} m_{110}^{(21)} m_{111}^{(21)} + m_{100}^{(22)} m_{010}^{(00)} m_{110}^{(22)} m_{111}^{(11)} \\
&-m_{100}^{(22)} m_{010}^{(00)} m_{101}^{(11)} m_{120}^{(22)} + 2m_{100}^{(22)} m_{010}^{(00)} m_{101}^{(21)} m_{120}^{(21)} - m_{100}^{(22)} m_{010}^{(00)} m_{101}^{(22)} m_{120}^{(11)} \\
&-m_{100}^{(22)} m_{010}^{(00)} m_{020}^{(11)} m_{201}^{(22)} + 2m_{100}^{(22)} m_{010}^{(00)} m_{020}^{(21)} m_{201}^{(21)} - m_{100}^{(22)} m_{010}^{(00)} m_{020}^{(22)} m_{201}^{(11)} \\
&+m_{100}^{(22)} m_{010}^{(00)} m_{011}^{(11)} m_{210}^{(22)} - 2m_{100}^{(22)} m_{010}^{(00)} m_{011}^{(21)} m_{210}^{(21)} + m_{100}^{(22)} m_{010}^{(00)} m_{011}^{(22)} m_{210}^{(11)} \\
&-m_{100}^{(22)} m_{010}^{(10)} m_{200}^{(11)} m_{111}^{(22)} + 2m_{100}^{(22)} m_{010}^{(10)} m_{200}^{(21)} m_{111}^{(21)} - m_{100}^{(22)} m_{010}^{(10)} m_{200}^{(22)} m_{111}^{(11)} \\
&-m_{100}^{(22)} m_{010}^{(10)} m_{110}^{(00)} m_{012}^{(21)} - m_{100}^{(22)} m_{010}^{(10)} m_{110}^{(10)} m_{111}^{(22)} + m_{100}^{(22)} m_{010}^{(10)} m_{110}^{(10)} m_{012}^{(20)} \\
&+m_{100}^{(22)} m_{010}^{(10)} m_{110}^{(11)} m_{201}^{(22)} + m_{100}^{(22)} m_{010}^{(10)} m_{110}^{(20)} m_{111}^{(21)} + m_{100}^{(22)} m_{010}^{(10)} m_{110}^{(20)} m_{012}^{(10)} \\
&-2m_{100}^{(22)} m_{010}^{(10)} m_{110}^{(21)} m_{201}^{(21)} + m_{100}^{(22)} m_{010}^{(10)} m_{110}^{(21)} m_{111}^{(20)} - m_{100}^{(22)} m_{010}^{(10)} m_{110}^{(21)} m_{012}^{(00)} \\
&+m_{100}^{(22)} m_{010}^{(10)} m_{110}^{(22)} m_{201}^{(11)} - m_{100}^{(22)} m_{010}^{(10)} m_{110}^{(22)} m_{111}^{(10)} + m_{100}^{(22)} m_{010}^{(10)} m_{101}^{(00)} m_{021}^{(21)} \\
&+m_{100}^{(22)} m_{010}^{(10)} m_{101}^{(10)} m_{120}^{(22)} - m_{100}^{(22)} m_{010}^{(10)} m_{101}^{(10)} m_{021}^{(20)} + m_{100}^{(22)} m_{010}^{(10)} m_{101}^{(11)} m_{210}^{(22)} \\
&-m_{100}^{(22)} m_{010}^{(10)} m_{101}^{(20)} m_{120}^{(21)} - m_{100}^{(22)} m_{010}^{(10)} m_{101}^{(20)} m_{021}^{(10)} - 2m_{100}^{(22)} m_{010}^{(10)} m_{101}^{(21)} m_{210}^{(21)} \\
&-m_{100}^{(22)} m_{010}^{(10)} m_{101}^{(21)} m_{120}^{(20)} + m_{100}^{(22)} m_{010}^{(10)} m_{101}^{(21)} m_{021}^{(00)} + m_{100}^{(22)} m_{010}^{(10)} m_{101}^{(22)} m_{210}^{(11)} \\
&+m_{100}^{(22)} m_{010}^{(10)} m_{101}^{(22)} m_{120}^{(10)} + m_{100}^{(22)} m_{010}^{(10)} m_{020}^{(00)} m_{102}^{(21)} + m_{100}^{(22)} m_{010}^{(10)} m_{020}^{(10)} m_{201}^{(22)} \\
&-m_{100}^{(22)} m_{010}^{(10)} m_{020}^{(10)} m_{102}^{(20)} - m_{100}^{(22)} m_{010}^{(10)} m_{020}^{(20)} m_{201}^{(21)} - m_{100}^{(22)} m_{010}^{(10)} m_{020}^{(20)} m_{102}^{(10)} \\
&-m_{100}^{(22)} m_{010}^{(10)} m_{020}^{(21)} m_{201}^{(20)} + m_{100}^{(22)} m_{010}^{(10)} m_{020}^{(21)} m_{102}^{(00)} + m_{100}^{(22)} m_{010}^{(10)} m_{020}^{(22)} m_{201}^{(10)} \\
&-m_{100}^{(22)} m_{010}^{(10)} m_{011}^{(00)} m_{111}^{(21)} - m_{100}^{(22)} m_{010}^{(10)} m_{011}^{(10)} m_{210}^{(22)} + m_{100}^{(22)} m_{010}^{(10)} m_{011}^{(10)} m_{111}^{(20)} \\
&-m_{100}^{(22)} m_{010}^{(10)} m_{011}^{(11)} m_{300}^{(22)} + m_{100}^{(22)} m_{010}^{(10)} m_{011}^{(20)} m_{210}^{(21)} + m_{100}^{(22)} m_{010}^{(10)} m_{011}^{(20)} m_{111}^{(10)} \\
&+2m_{100}^{(22)} m_{010}^{(10)} m_{011}^{(21)} m_{300}^{(21)} + m_{100}^{(22)} m_{010}^{(10)} m_{011}^{(21)} m_{210}^{(20)} - m_{100}^{(22)} m_{010}^{(10)} m_{011}^{(21)} m_{111}^{(00)} \\
&-m_{100}^{(22)} m_{010}^{(10)} m_{011}^{(22)} m_{300}^{(11)} - m_{100}^{(22)} m_{010}^{(10)} m_{011}^{(22)} m_{210}^{(10)} + m_{100}^{(22)} m_{010}^{(11)} m_{200}^{(00)} m_{012}^{(21)} \\
&+m_{100}^{(22)} m_{010}^{(11)} m_{200}^{(10)} m_{111}^{(22)} - m_{100}^{(22)} m_{010}^{(11)} m_{200}^{(10)} m_{012}^{(20)} - m_{100}^{(22)} m_{010}^{(11)} m_{200}^{(20)} m_{111}^{(21)} \\
&-m_{100}^{(22)} m_{010}^{(11)} m_{200}^{(20)} m_{012}^{(10)} - m_{100}^{(22)} m_{010}^{(11)} m_{200}^{(21)} m_{111}^{(20)} + m_{100}^{(22)} m_{010}^{(11)} m_{200}^{(21)} m_{012}^{(00)} \\
&+m_{100}^{(22)} m_{010}^{(11)} m_{200}^{(22)} m_{111}^{(10)} - m_{100}^{(22)} m_{010}^{(11)} m_{110}^{(00)} m_{102}^{(21)} - m_{100}^{(22)} m_{010}^{(11)} m_{110}^{(10)} m_{201}^{(22)} \\
&+m_{100}^{(22)} m_{010}^{(11)} m_{110}^{(10)} m_{102}^{(20)} + m_{100}^{(22)} m_{010}^{(11)} m_{110}^{(20)} m_{201}^{(21)} + m_{100}^{(22)} m_{010}^{(11)} m_{110}^{(20)} m_{102}^{(10)} \\
&+m_{100}^{(22)} m_{010}^{(11)} m_{110}^{(21)} m_{201}^{(20)} - m_{100}^{(22)} m_{010}^{(11)} m_{110}^{(21)} m_{102}^{(00)} - m_{100}^{(22)} m_{010}^{(11)} m_{110}^{(22)} m_{201}^{(10)} \\
&-m_{100}^{(22)} m_{010}^{(11)} m_{101}^{(00)} m_{111}^{(21)} - m_{100}^{(22)} m_{010}^{(11)} m_{101}^{(10)} m_{111}^{(22)} + m_{100}^{(22)} m_{010}^{(11)} m_{101}^{(10)} m_{111}^{(20)} \\
&+m_{100}^{(22)} m_{010}^{(11)} m_{101}^{(20)} m_{210}^{(21)} + m_{100}^{(22)} m_{010}^{(11)} m_{101}^{(20)} m_{111}^{(10)} + m_{100}^{(22)} m_{010}^{(11)} m_{101}^{(21)} m_{210}^{(20)} \\
&-m_{100}^{(22)} m_{010}^{(11)} m_{101}^{(21)} m_{111}^{(00)} - m_{100}^{(22)} m_{010}^{(11)} m_{101}^{(22)} m_{210}^{(10)} + m_{100}^{(22)} m_{010}^{(11)} m_{011}^{(00)} m_{201}^{(21)} \\
&+m_{100}^{(22)} m_{010}^{(11)} m_{011}^{(10)} m_{300}^{(22)} - m_{100}^{(22)} m_{010}^{(11)} m_{011}^{(10)} m_{201}^{(20)} - m_{100}^{(22)} m_{010}^{(11)} m_{011}^{(20)} m_{300}^{(21)} \\
&-m_{100}^{(22)} m_{010}^{(11)} m_{011}^{(20)} m_{201}^{(10)} - m_{100}^{(22)} m_{010}^{(11)} m_{011}^{(21)} m_{300}^{(20)} + m_{100}^{(22)} m_{010}^{(11)} m_{011}^{(21)} m_{201}^{(00)} \\
&+m_{100}^{(22)} m_{010}^{(11)} m_{011}^{(22)} m_{300}^{(10)} + m_{100}^{(22)} m_{010}^{(20)} m_{200}^{(11)} m_{120}^{(22)} - 2m_{100}^{(22)} m_{010}^{(20)} m_{200}^{(21)} m_{120}^{(21)} \\
&+m_{100}^{(22)} m_{010}^{(20)} m_{200}^{(22)} m_{120}^{(11)} + m_{100}^{(22)} m_{010}^{(20)} m_{110}^{(00)} m_{021}^{(21)} + m_{100}^{(22)} m_{010}^{(20)} m_{110}^{(10)} m_{111}^{(21)} \\
&-m_{100}^{(22)} m_{010}^{(20)} m_{110}^{(10)} m_{021}^{(20)} - 2m_{100}^{(22)} m_{010}^{(20)} m_{110}^{(11)} m_{210}^{(22)} - m_{100}^{(22)} m_{010}^{(20)} m_{110}^{(11)} m_{111}^{(20)} \\
&-m_{100}^{(22)} m_{010}^{(20)} m_{110}^{(20)} m_{111}^{(11)} - m_{100}^{(22)} m_{010}^{(20)} m_{110}^{(20)} m_{021}^{(10)} + 4m_{100}^{(22)} m_{010}^{(20)} m_{110}^{(21)} m_{210}^{(21)} \\
&+m_{100}^{(22)} m_{010}^{(20)} m_{110}^{(21)} m_{111}^{(10)} + m_{100}^{(22)} m_{010}^{(20)} m_{110}^{(21)} m_{021}^{(00)} - 2m_{100}^{(22)} m_{010}^{(20)} m_{110}^{(22)} m_{210}^{(11)} \\
&-m_{100}^{(22)} m_{010}^{(20)} m_{101}^{(00)} m_{030}^{(21)} - m_{100}^{(22)} m_{010}^{(20)} m_{101}^{(10)} m_{120}^{(21)} + m_{100}^{(22)} m_{010}^{(20)} m_{101}^{(10)} m_{030}^{(20)} \\
&+m_{100}^{(22)} m_{010}^{(20)} m_{101}^{(11)} m_{120}^{(20)} + m_{100}^{(22)} m_{010}^{(20)} m_{101}^{(20)} m_{120}^{(11)} + m_{100}^{(22)} m_{010}^{(20)} m_{101}^{(20)} m_{030}^{(10)} \\
&-m_{100}^{(22)} m_{010}^{(20)} m_{101}^{(21)} m_{120}^{(10)} - m_{100}^{(22)} m_{010}^{(20)} m_{101}^{(21)} m_{030}^{(00)} - m_{100}^{(22)} m_{010}^{(20)} m_{020}^{(00)} m_{111}^{(21)}
\end{aligned}
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\begin{aligned}
&-m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(10)}m_{201}^{(21)}+m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(10)}m_{111}^{(20)}+m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(11)}m_{300}^{(22)}\\
&+m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(11)}m_{201}^{(20)}+m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(20)}m_{201}^{(11)}+m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(20)}m_{111}^{(10)}\\
&-2m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(21)}m_{300}^{(21)}-m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(21)}m_{201}^{(10)}-m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(21)}m_{111}^{(00)}\\
&+m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(22)}m_{300}^{(11)}+m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(00)}m_{120}^{(21)}+m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{210}^{(21)}\\
&-m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{120}^{(20)}-m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(11)}m_{210}^{(20)}-m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(20)}m_{210}^{(11)}\\
&-m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(20)}m_{120}^{(10)}+m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(21)}m_{210}^{(10)}+m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(21)}m_{120}^{(00)}\\
&-2m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(00)}m_{021}^{(21)}-m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(10)}m_{120}^{(22)}-m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(10)}m_{111}^{(21)}\\
&+2m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(10)}m_{021}^{(20)}+m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(11)}m_{111}^{(20)}+m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(20)}m_{120}^{(21)}\\
&+m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(20)}m_{111}^{(11)}+2m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(20)}m_{021}^{(10)}+m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(21)}m_{120}^{(20)}\\
&-m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(10)}-2m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(21)}m_{021}^{(00)}-m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(22)}m_{120}^{(10)}\\
&+3m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(00)}m_{111}^{(21)}+2m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{210}^{(22)}+m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{201}^{(21)}\\
&-3m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{111}^{(20)}-m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(11)}m_{201}^{(20)}-2m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(20)}m_{210}^{(21)}\\
&-m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(20)}m_{201}^{(11)}-3m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(10)}-2m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(21)}m_{210}^{(20)}\\
&+m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(21)}m_{201}^{(10)}+3m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(21)}m_{111}^{(00)}+2m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(22)}m_{210}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(00)}m_{120}^{(21)}+m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(10)}m_{210}^{(21)}-m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(10)}m_{120}^{(20)}\\
&-m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(11)}m_{210}^{(20)}-m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(20)}m_{210}^{(11)}-m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(21)}m_{210}^{(10)}+m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(21)}m_{120}^{(00)}-m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(00)}m_{201}^{(21)}\\
&-m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(10)}m_{300}^{(22)}+m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(10)}m_{201}^{(20)}+m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(20)}m_{300}^{(21)}\\
&+m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(20)}m_{201}^{(10)}+m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(21)}m_{300}^{(20)}-m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(21)}m_{201}^{(00)}\\
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&+m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(10)}m_{210}^{(20)}+m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(11)}m_{300}^{(20)}+m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(20)}m_{300}^{(11)}\\
&+m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(10)}-m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(21)}m_{300}^{(10)}-m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(21)}m_{210}^{(00)}\\
&+m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(00)}m_{030}^{(21)}+m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(10)}m_{120}^{(21)}-m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(10)}m_{030}^{(20)}\\
&-m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(11)}m_{120}^{(20)}-m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(20)}m_{120}^{(11)}-m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(20)}m_{030}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(21)}m_{120}^{(10)}+m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(21)}m_{030}^{(00)}-2m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(00)}m_{120}^{(21)}\\
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&+m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(00)}m_{012}^{(11)}-2m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(10)}+m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(11)}m_{012}^{(00)}\\
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&+m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(00)}m_{111}^{(11)}-2m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(10)}+m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(11)}m_{111}^{(00)}\\
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&+m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(00)}m_{102}^{(11)}-2m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(10)}+m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(11)}m_{102}^{(00)}\\
&+m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(00)}m_{111}^{(11)}-2m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(10)}+m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(11)}m_{111}^{(00)}\\
&-m_{100}^{(22)}m_{001}^{(11)}m_{011}^{(00)}m_{201}^{(11)}+2m_{100}^{(22)}m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(10)}-m_{100}^{(22)}m_{001}^{(11)}m_{011}^{(11)}m_{201}^{(00)}
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&-m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(00)}m_{021}^{(11)}+2m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(10)}-m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{021}^{(00)}\\
&+m_{100}^{(22)}m_{001}^{(20)}m_{101}^{(00)}m_{030}^{(11)}-2m_{100}^{(22)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(10)}+m_{100}^{(22)}m_{001}^{(20)}m_{101}^{(11)}m_{030}^{(00)}\\
&+m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(11)}-2m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(10)}+m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(11)}m_{111}^{(00)}\\
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&+2m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(11)}-4m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(10)}+2m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{021}^{(00)}\\
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&+m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(11)}-2m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(10)}+m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(11)}m_{201}^{(00)}\\
&+m_{100}^{(22)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(11)}-2m_{100}^{(22)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(10)}+m_{100}^{(22)}m_{001}^{(21)}m_{011}^{(11)}m_{210}^{(00)}\\
&-m_{100}^{(22)}m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(11)}+2m_{100}^{(22)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(10)}-m_{100}^{(22)}m_{001}^{(22)}m_{200}^{(11)}m_{030}^{(00)}\\
&+2m_{100}^{(22)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(11)}-4m_{100}^{(22)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(10)}+2m_{100}^{(22)}m_{001}^{(22)}m_{110}^{(11)}m_{120}^{(00)}\\
&-m_{100}^{(22)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(11)}+2m_{100}^{(22)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(10)}-m_{100}^{(22)}m_{001}^{(22)}m_{020}^{(11)}m_{210}^{(00)}\\
&+(m_{010}^{(00)})^2m_{020}^{(10)}m_{003}^{(22)}-(m_{010}^{(00)})^2m_{020}^{(20)}m_{003}^{(21)}-(m_{010}^{(00)})^2m_{020}^{(21)}m_{003}^{(20)}\\
&+(m_{010}^{(00)})^2m_{020}^{(22)}m_{003}^{(10)}-2(m_{010}^{(00)})^2m_{011}^{(10)}m_{012}^{(22)}+2(m_{010}^{(00)})^2m_{011}^{(20)}m_{012}^{(21)}\\
&+2(m_{010}^{(00)})^2m_{011}^{(21)}m_{012}^{(20)}-2(m_{010}^{(00)})^2m_{011}^{(22)}m_{012}^{(10)}+(m_{010}^{(00)})^2m_{002}^{(10)}m_{021}^{(22)}\\
&-(m_{010}^{(00)})^2m_{002}^{(20)}m_{021}^{(21)}-(m_{010}^{(00)})^2m_{002}^{(21)}m_{021}^{(20)}+(m_{010}^{(00)})^2m_{002}^{(22)}m_{021}^{(10)}\\
&-2m_{010}^{(00)}m_{010}^{(10)}m_{110}^{(10)}m_{003}^{(22)}+2m_{010}^{(00)}m_{010}^{(10)}m_{110}^{(20)}m_{003}^{(21)}+2m_{010}^{(00)}m_{010}^{(10)}m_{110}^{(21)}m_{003}^{(20)}\\
&-2m_{010}^{(00)}m_{010}^{(10)}m_{110}^{(22)}m_{003}^{(10)}+2m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(10)}m_{012}^{(22)}-2m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(20)}m_{012}^{(21)}\\
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&+2m_{010}^{(00)}m_{010}^{(10)}m_{020}^{(20)}m_{003}^{(20)}-m_{010}^{(00)}m_{010}^{(10)}m_{020}^{(22)}m_{003}^{(00)}+2m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(00)}m_{012}^{(22)}\\
&+2m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(10)}m_{102}^{(22)}-2m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(20)}m_{102}^{(21)}-4m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(20)}m_{012}^{(20)}\\
&-2m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{102}^{(20)}+2m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(22)}m_{102}^{(10)}+2m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(22)}m_{012}^{(00)}\\
&-m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(00)}m_{021}^{(22)}-2m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(10)}m_{111}^{(22)}+2m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(20)}m_{111}^{(21)}\\
&+2m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(20)}m_{021}^{(20)}+2m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(21)}m_{111}^{(20)}-2m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(22)}m_{111}^{(10)}\\
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&+m_{010}^{(00)}m_{010}^{(11)}m_{110}^{(22)}m_{003}^{(00)}-m_{010}^{(00)}m_{010}^{(11)}m_{101}^{(00)}m_{012}^{(22)}+2m_{010}^{(00)}m_{010}^{(11)}m_{101}^{(20)}m_{012}^{(20)}\\
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&-m_{010}^{(00)}m_{010}^{(11)}m_{011}^{(22)}m_{102}^{(00)}+m_{010}^{(00)}m_{010}^{(11)}m_{002}^{(00)}m_{111}^{(22)}-2m_{010}^{(00)}m_{010}^{(11)}m_{002}^{(20)}m_{111}^{(20)}\\
&+m_{010}^{(00)}m_{010}^{(11)}m_{002}^{(22)}m_{111}^{(00)}+2m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(10)}m_{012}^{(22)}-2m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(21)}\\
&-2m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{012}^{(20)}+2m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(22)}m_{012}^{(10)}-2m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(10)}m_{021}^{(22)}\\
&+2m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(20)}m_{021}^{(21)}+2m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(21)}m_{021}^{(20)}-2m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(22)}m_{021}^{(10)}\\
&+m_{010}^{(00)}m_{010}^{(20)}m_{020}^{(00)}m_{003}^{(21)}-3m_{010}^{(00)}m_{010}^{(20)}m_{020}^{(10)}m_{102}^{(22)}-m_{010}^{(00)}m_{010}^{(20)}m_{020}^{(10)}m_{003}^{(20)}\\
&+3m_{010}^{(00)}m_{010}^{(20)}m_{020}^{(20)}m_{102}^{(21)}-m_{010}^{(00)}m_{010}^{(20)}m_{020}^{(20)}m_{003}^{(10)}+3m_{010}^{(00)}m_{010}^{(20)}m_{020}^{(21)}m_{102}^{(20)}\\
&+m_{010}^{(00)}m_{010}^{(20)}m_{020}^{(21)}m_{003}^{(00)}-3m_{010}^{(00)}m_{010}^{(20)}m_{020}^{(22)}m_{102}^{(10)}-2m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(00)}m_{012}^{(21)}\\
&+4m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(22)}+2m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(10)}m_{012}^{(20)}-4m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(21)}\\
&+2m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(20)}m_{012}^{(10)}-4m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(20)}-2m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{012}^{(00)}\\
&+4m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(22)}m_{111}^{(10)}+m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(00)}m_{021}^{(21)}-m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(10)}m_{120}^{(22)}\\
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&+m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{120}^{(20)} + m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{021}^{(00)} - m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(22)}m_{120}^{(10)}\\
&-m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(00)}m_{012}^{(22)} - m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(00)}m_{003}^{(21)} + m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(10)}m_{102}^{(22)}\\
&+m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(10)}m_{003}^{(20)} - m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(21)} + 2m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(20)}m_{012}^{(20)}\\
&+m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(20)}m_{003}^{(10)} - m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(21)}m_{102}^{(20)} - m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(21)}m_{003}^{(00)}\\
&+m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(22)}m_{102}^{(10)} - m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(22)}m_{012}^{(00)} + m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(00)}m_{021}^{(22)}\\
&+m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(00)}m_{012}^{(21)} - m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(22)} - m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(10)}m_{012}^{(20)}\\
&+m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(21)} - 2m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(20)}m_{021}^{(20)} - m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(20)}m_{012}^{(10)}\\
&+m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(20)} + m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{012}^{(00)} - m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(22)}m_{111}^{(10)}\\
&+m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(22)}m_{021}^{(00)} + m_{010}^{(00)}m_{010}^{(21)}m_{020}^{(00)}m_{102}^{(22)} - 2m_{010}^{(00)}m_{010}^{(21)}m_{020}^{(20)}m_{102}^{(20)}\\
&+m_{010}^{(00)}m_{010}^{(21)}m_{020}^{(22)}m_{102}^{(00)} - m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(00)}m_{111}^{(22)} + m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(00)}m_{102}^{(21)}\\
&-m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(22)} - m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(10)}m_{102}^{(20)} + m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(21)}\\
&+2m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{111}^{(20)} - m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{102}^{(10)} + m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(20)}\\
&+m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{102}^{(00)} - m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{201}^{(10)} - m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{111}^{(00)}\\
&-m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(00)}m_{111}^{(21)} + m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(10)}m_{210}^{(22)} + m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(10)}m_{111}^{(20)}\\
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&-m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(20)}m_{012}^{(10)} + m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(20)} + m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{012}^{(00)}\\
&-m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(22)}m_{111}^{(10)} - m_{010}^{(00)}m_{010}^{(22)}m_{101}^{(00)}m_{021}^{(21)} + m_{010}^{(00)}m_{010}^{(22)}m_{101}^{(10)}m_{120}^{(22)}\\
&+m_{010}^{(00)}m_{010}^{(22)}m_{101}^{(10)}m_{021}^{(20)} - m_{010}^{(00)}m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(21)} + m_{010}^{(00)}m_{010}^{(22)}m_{101}^{(20)}m_{021}^{(10)}\\
&-m_{010}^{(00)}m_{010}^{(22)}m_{101}^{(21)}m_{120}^{(20)} - m_{010}^{(00)}m_{010}^{(22)}m_{101}^{(21)}m_{021}^{(00)} + m_{010}^{(00)}m_{010}^{(22)}m_{101}^{(22)}m_{120}^{(10)}\\
&-m_{010}^{(00)}m_{010}^{(22)}m_{020}^{(00)}m_{102}^{(21)} + m_{010}^{(00)}m_{010}^{(22)}m_{020}^{(10)}m_{201}^{(22)} + m_{010}^{(00)}m_{010}^{(22)}m_{020}^{(10)}m_{102}^{(20)}\\
&-m_{010}^{(00)}m_{010}^{(22)}m_{020}^{(20)}m_{201}^{(21)} + m_{010}^{(00)}m_{010}^{(22)}m_{020}^{(20)}m_{102}^{(10)} - m_{010}^{(00)}m_{010}^{(22)}m_{020}^{(21)}m_{201}^{(20)}\\
&-m_{010}^{(00)}m_{010}^{(22)}m_{020}^{(21)}m_{102}^{(00)} + m_{010}^{(00)}m_{010}^{(22)}m_{020}^{(22)}m_{201}^{(10)} + m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(00)}m_{111}^{(21)}\\
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&-m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(22)}m_{210}^{(10)} - m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(10)}m_{012}^{(22)} - m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(10)}m_{003}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(11)}m_{003}^{(20)} + m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(20)}m_{012}^{(21)} + m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(20)}m_{003}^{(11)}\\
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&+2m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(10)}m_{021}^{(22)} + 2m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(21)} - 2m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(11)}m_{012}^{(20)}\\
&-2m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(21)} - 2m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(20)}m_{012}^{(11)} - 2m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(21)}m_{021}^{(20)}\\
&+2m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(21)}m_{012}^{(10)} + 2m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(22)}m_{021}^{(10)} - m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(10)}m_{030}^{(22)}\\
&-m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(10)}m_{021}^{(21)} + m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(11)}m_{021}^{(20)} + m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(20)}m_{030}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(20)}m_{021}^{(11)} + m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(21)}m_{030}^{(20)} - m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(21)}m_{021}^{(10)}\\
&-m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(22)}m_{030}^{(10)} + m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(22)} + m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(10)}m_{003}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(11)}m_{003}^{(20)} - m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(21)} - m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(20)}m_{003}^{(11)}\\
&-m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(20)} + m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{003}^{(10)} + m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{012}^{(10)}\\
&-m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(22)} - m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(21)} + m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(11)}m_{012}^{(20)}
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\begin{aligned}
&+m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(21)}+m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(20)}m_{012}^{(11)}+m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(20)}\\
&-m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{012}^{(10)}-m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(22)}m_{021}^{(10)}+m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(00)}m_{020}^{(22)}m_{012}\\
&-2m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{012}^{(20)}+m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{012}^{(00)}-2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(00)}m_{021}^{(22)}\\
&-m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(22)}-m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(21)}+m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{102}^{(20)}\\
&+m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(21)}+m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{102}^{(11)}+4m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{021}^{(20)}\\
&+m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(20)}-m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{102}^{(10)}-m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{111}^{(10)}\\
&-2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{021}^{(00)}+m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(00)}m_{030}^{(22)}+m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{120}^{(22)}\\
&+m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(21)}-m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{111}^{(20)}-m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(20)}m_{111}^{(11)}-2m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(20)}m_{030}^{(20)}-m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{120}^{(20)}\\
&+m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{111}^{(10)}+m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(22)}m_{120}^{(10)}+m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(22)}m_{030}^{(00)}\\
&-m_{010}^{(00)}m_{001}^{(11)}m_{110}^{(00)}m_{012}^{(22)}+2m_{010}^{(00)}m_{001}^{(11)}m_{110}^{(20)}m_{012}^{(20)}-m_{010}^{(00)}m_{001}^{(11)}m_{110}^{(22)}m_{012}^{(00)}\\
&+m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(00)}m_{021}^{(22)}-2m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(20)}m_{021}^{(20)}+m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(22)}m_{021}^{(00)}\\
&+m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(00)}m_{111}^{(22)}-2m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(20)}+m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(22)}m_{111}^{(00)}\\
&-m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(00)}m_{120}^{(22)}+2m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(20)}m_{120}^{(20)}-m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(22)}m_{120}^{(00)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(22)}-m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(21)}+m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(11)}m_{012}^{(20)}\\
&+m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(21)}+m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(20)}m_{012}^{(11)}+m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(20)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{012}^{(10)}-m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(22)}m_{021}^{(10)}+m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(22)}\\
&+m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(21)}-m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{021}^{(20)}-m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(20)}m_{021}^{(11)}-m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{030}^{(20)}+m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{021}^{(10)}\\
&+m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(22)}m_{030}^{(10)}-m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(00)}m_{012}^{(21)}+m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(22)}\\
&+2m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(21)}+m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{012}^{(20)}-2m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{102}^{(20)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(21)}-2m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{102}^{(11)}+m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{012}^{(10)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(20)}+2m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{102}^{(10)}-m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{012}^{(00)}\\
&+m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(22)}m_{111}^{(10)}+2m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(00)}m_{021}^{(21)}-m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(22)}\\
&-3m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(21)}-2m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{021}^{(20)}+3m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{111}^{(20)}\\
&+m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(21)}+3m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{111}^{(11)}-2m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{021}^{(10)}\\
&+m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(20)}-3m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{111}^{(10)}+2m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{021}^{(00)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(22)}m_{120}^{(10)}-m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(00)}m_{030}^{(21)}+m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(10)}m_{120}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(10)}m_{030}^{(20)}-m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(11)}m_{120}^{(20)}-m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(20)}m_{120}^{(11)}\\
&+m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(20)}m_{030}^{(10)}+m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(21)}m_{120}^{(10)}-m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(21)}m_{030}^{(00)}\\
&+m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(00)}m_{021}^{(22)}+m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(00)}m_{012}^{(21)}-m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{012}^{(20)}+m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(11)}m_{102}^{(20)}+m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{102}^{(11)}\\
&-2m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{021}^{(20)}-m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{012}^{(10)}-m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{102}^{(10)}\\
&+m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{012}^{(00)}+m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(22)}m_{021}^{(00)}-m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(00)}m_{030}^{(22)}\\
&-m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(00)}m_{021}^{(21)}+m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(21)}+m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(20)}\\
&-m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{111}^{(20)}-m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(20)}m_{111}^{(11)}+2m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(20)}m_{030}^{(20)}\\
&+m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(20)}m_{021}^{(10)}+m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{111}^{(10)}-m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{021}^{(00)}\\
&-m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(22)}m_{030}^{(00)}-m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(22)}+2m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{111}^{(20)}
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&-m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{111}^{(00)}+m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(00)}m_{120}^{(22)}-m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(21)}+m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(20)}-m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{201}^{(20)}\\
&-m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{201}^{(11)}-2m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{120}^{(20)}+m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{111}^{(10)}\\
&+m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{201}^{(10)}-m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{111}^{(00)}+m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(22)}m_{120}^{(00)}\\
&+m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(00)}m_{120}^{(21)}-m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(10)}m_{210}^{(21)}-m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(10)}m_{120}^{(20)}\\
&+m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(11)}m_{210}^{(20)}+m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(20)}m_{210}^{(11)}-m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(20)}m_{120}^{(10)}\\
&-m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(21)}m_{210}^{(10)}+m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(21)}m_{120}^{(00)}-m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(00)}m_{021}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(21)}+m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{021}^{(20)}-m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(11)}m_{111}^{(20)}\\
&-m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(20)}m_{111}^{(11)}+m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(20)}m_{021}^{(10)}+m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(21)}m_{111}^{(10)}\\
&-m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(21)}m_{021}^{(00)}+m_{010}^{(00)}m_{001}^{(22)}m_{101}^{(00)}m_{030}^{(21)}-m_{010}^{(00)}m_{001}^{(22)}m_{101}^{(10)}m_{120}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(22)}m_{101}^{(10)}m_{030}^{(20)}+m_{010}^{(00)}m_{001}^{(22)}m_{101}^{(11)}m_{120}^{(20)}+m_{010}^{(00)}m_{001}^{(22)}m_{101}^{(20)}m_{120}^{(11)}\\
&-m_{010}^{(00)}m_{001}^{(22)}m_{101}^{(20)}m_{030}^{(10)}-m_{010}^{(00)}m_{001}^{(22)}m_{101}^{(21)}m_{120}^{(10)}+m_{010}^{(00)}m_{001}^{(22)}m_{101}^{(21)}m_{030}^{(00)}\\
&+m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(21)}-m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(21)}-m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(10)}m_{111}^{(20)}\\
&+m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(11)}m_{201}^{(20)}+m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(20)}m_{201}^{(11)}-m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(20)}m_{111}^{(10)}\\
&-m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(21)}m_{201}^{(10)}+m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(21)}m_{111}^{(00)}-m_{010}^{(00)}m_{001}^{(22)}m_{011}^{(00)}m_{120}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(22)}m_{011}^{(10)}m_{210}^{(21)}+m_{010}^{(00)}m_{001}^{(22)}m_{011}^{(10)}m_{120}^{(20)}-m_{010}^{(00)}m_{001}^{(22)}m_{011}^{(11)}m_{210}^{(20)}\\
&-m_{010}^{(00)}m_{001}^{(22)}m_{011}^{(20)}m_{210}^{(11)}+m_{010}^{(00)}m_{001}^{(22)}m_{011}^{(20)}m_{120}^{(10)}+m_{010}^{(00)}m_{001}^{(22)}m_{011}^{(21)}m_{210}^{(10)}\\
&-m_{010}^{(00)}m_{001}^{(22)}m_{011}^{(21)}m_{120}^{(00)}+(m_{010}^{(10)})^2m_{200}^{(10)}m_{003}^{(22)}-(m_{010}^{(10)})^2m_{200}^{(20)}m_{003}^{(21)}\\
&-(m_{010}^{(10)})^2m_{200}^{(21)}m_{003}^{(20)}+(m_{010}^{(10)})^2m_{200}^{(22)}m_{003}^{(10)}+(m_{010}^{(10)})^2m_{110}^{(00)}m_{003}^{(22)}\\
&-2(m_{010}^{(10)})^2m_{110}^{(20)}m_{003}^{(20)}+(m_{010}^{(10)})^2m_{110}^{(22)}m_{003}^{(00)}-(m_{010}^{(10)})^2m_{101}^{(00)}m_{012}^{(22)}\\
&-2(m_{010}^{(10)})^2m_{101}^{(10)}m_{102}^{(22)}+2(m_{010}^{(10)})^2m_{101}^{(20)}m_{102}^{(21)}+2(m_{010}^{(10)})^2m_{101}^{(20)}m_{012}^{(20)}\\
&+2(m_{010}^{(10)})^2m_{101}^{(21)}m_{102}^{(20)}-2(m_{010}^{(10)})^2m_{101}^{(22)}m_{102}^{(10)}-(m_{010}^{(10)})^2m_{101}^{(22)}m_{012}^{(00)}\\
&-(m_{010}^{(10)})^2m_{011}^{(00)}m_{102}^{(22)}+2(m_{010}^{(10)})^2m_{011}^{(20)}m_{102}^{(20)}-(m_{010}^{(10)})^2m_{011}^{(22)}m_{102}^{(00)}\\
&+(m_{010}^{(10)})^2m_{002}^{(00)}m_{111}^{(22)}+(m_{010}^{(10)})^2m_{002}^{(10)}m_{201}^{(22)}-(m_{010}^{(10)})^2m_{002}^{(20)}m_{201}^{(21)}\\
&-2(m_{010}^{(10)})^2m_{002}^{(20)}m_{111}^{(20)}-(m_{010}^{(10)})^2m_{002}^{(21)}m_{201}^{(20)}+(m_{010}^{(10)})^2m_{002}^{(22)}m_{201}^{(10)}\\
&+(m_{010}^{(10)})^2m_{002}^{(22)}m_{111}^{(00)}-m_{010}^{(10)}m_{010}^{(11)}m_{200}^{(00)}m_{003}^{(22)}+2m_{010}^{(10)}m_{010}^{(11)}m_{200}^{(20)}m_{003}^{(20)}\\
&-m_{010}^{(10)}m_{010}^{(11)}m_{200}^{(22)}m_{003}^{(00)}+2m_{010}^{(10)}m_{010}^{(11)}m_{101}^{(00)}m_{102}^{(22)}-4m_{010}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{102}^{(20)}\\
&+2m_{010}^{(10)}m_{010}^{(11)}m_{101}^{(22)}m_{102}^{(00)}-m_{010}^{(10)}m_{010}^{(11)}m_{002}^{(00)}m_{201}^{(22)}+2m_{010}^{(10)}m_{010}^{(11)}m_{002}^{(20)}m_{201}^{(20)}\\
&-m_{010}^{(10)}m_{010}^{(11)}m_{002}^{(22)}m_{201}^{(00)}-2m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(10)}m_{012}^{(22)}+2m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(20)}m_{012}^{(21)}\\
&+2m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{012}^{(20)}-2m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(22)}m_{012}^{(10)}-m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(00)}m_{012}^{(22)}\\
&-m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(00)}m_{003}^{(21)}+3m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(10)}m_{102}^{(22)}+m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(10)}m_{003}^{(20)}\\
&-3m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{102}^{(21)}+2m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(20)}+m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{003}^{(10)}\\
&-3m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{102}^{(20)}-m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{003}^{(00)}+3m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{102}^{(10)}\\
&-m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{012}^{(00)}+m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(00)}m_{021}^{(22)}+m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(00)}m_{012}^{(21)}\\
&+m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{111}^{(22)}-m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{012}^{(20)}-m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(20)}m_{111}^{(21)}\\
&-2m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(20)}m_{021}^{(20)}-m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(20)}m_{012}^{(10)}-m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(20)}\\
&+m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{012}^{(00)}+m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{111}^{(10)}+m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{021}^{(00)}\\
&+2m_{010}^{(10)}m_{010}^{(20)}m_{020}^{(00)}m_{102}^{(22)}-4m_{010}^{(10)}m_{010}^{(20)}m_{020}^{(20)}m_{102}^{(20)}+2m_{010}^{(10)}m_{010}^{(20)}m_{020}^{(22)}m_{102}^{(00)}
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&-3m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(00)}m_{111}^{(22)}+m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(00)}m_{102}^{(21)}-3m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{201}^{(22)}\\
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&-m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{102}^{(10)}+3m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{201}^{(20)}+m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{102}^{(00)}\\
&-3m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{201}^{(10)}-3m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{111}^{(00)}+m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(00)}m_{120}^{(22)}\\
&-m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(00)}m_{111}^{(21)}+m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{210}^{(22)}+m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{111}^{(20)}\\
&-m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{210}^{(21)}-2m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{120}^{(20)}+m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{111}^{(10)}\\
&-m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{210}^{(20)}-m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{111}^{(00)}+m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(22)}m_{210}^{(10)}\\
&+m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(22)}m_{120}^{(00)}+m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(00)}m_{012}^{(22)}+m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(00)}m_{003}^{(21)}\\
&-m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(10)}m_{102}^{(22)}-m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(10)}m_{003}^{(20)}+m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(20)}m_{102}^{(21)}\\
&-2m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(20)}-m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(20)}m_{003}^{(10)}+m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{102}^{(20)}\\
&+m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{003}^{(00)}-m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{102}^{(10)}+m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{012}^{(00)}\\
&-2m_{010}^{(10)}m_{010}^{(21)}m_{110}^{(00)}m_{102}^{(22)}+4m_{010}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(20)}-2m_{010}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{102}^{(00)}\\
&-2m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(00)}m_{102}^{(21)}+2m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{201}^{(22)}+2m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{102}^{(20)}\\
&-2m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{201}^{(21)}+2m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{102}^{(10)}-2m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{201}^{(20)}\\
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&-4m_{010}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(20)}+2m_{010}^{(10)}m_{010}^{(21)}m_{011}^{(22)}m_{201}^{(00)}-m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(00)}m_{210}^{(22)}\\
&+m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(00)}m_{201}^{(21)}-m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{300}^{(22)}-m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{201}^{(20)}\\
&+m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{300}^{(21)}+2m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{210}^{(20)}-m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{201}^{(10)}\\
&+m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{300}^{(20)}+m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{201}^{(00)}-m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(22)}m_{300}^{(10)}\\
&-m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(22)}m_{210}^{(00)}-m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(00)}m_{012}^{(21)}+m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(10)}m_{111}^{(22)}\\
&+m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(10)}m_{012}^{(20)}-m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(20)}m_{111}^{(21)}+m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(20)}m_{012}^{(10)}\\
&-m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(20)}-m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(21)}m_{012}^{(00)}+m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(22)}m_{111}^{(10)}\\
&+m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(00)}m_{111}^{(22)}+m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(00)}m_{102}^{(21)}-m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{201}^{(22)}\\
&-m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{102}^{(20)}+m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{201}^{(21)}-2m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(20)}\\
&-m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{102}^{(10)}+m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(20)}+m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{102}^{(00)}\\
&-m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(22)}m_{201}^{(10)}+m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(22)}m_{111}^{(00)}-m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(00)}m_{120}^{(22)}\\
&+m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(00)}m_{111}^{(21)}-m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{210}^{(22)}-m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(20)}\\
&+m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{210}^{(21)}+2m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(20)}-m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{111}^{(10)}\\
&+m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(20)}+m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{111}^{(00)}-m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(22)}m_{210}^{(10)}\\
&-m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(22)}m_{120}^{(00)}-m_{010}^{(10)}m_{010}^{(22)}m_{020}^{(00)}m_{201}^{(22)}+2m_{010}^{(10)}m_{010}^{(22)}m_{020}^{(20)}m_{201}^{(20)}\\
&-m_{010}^{(10)}m_{010}^{(22)}m_{020}^{(22)}m_{201}^{(00)}+m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{210}^{(22)}-m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{201}^{(21)}\\
&+m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{300}^{(22)}+m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{201}^{(20)}-m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{300}^{(21)}\\
&-2m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(20)}+m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{201}^{(10)}-m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(21)}m_{300}^{(20)}\\
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&+m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(10)}m_{012}^{(22)}+m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(10)}m_{003}^{(21)}-m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(11)}m_{003}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(20)}m_{012}^{(21)}-m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(20)}m_{003}^{(11)}-m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{003}^{(10)}+m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(22)}m_{012}^{(10)}-m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(10)}m_{021}^{(22)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(10)}m_{012}^{(21)}+m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(11)}m_{012}^{(20)}+m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(20)}m_{021}^{(21)}
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&+m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(20)}m_{012}^{(11)}+m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(20)}-m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{012}^{(10)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(22)}m_{021}^{(10)}+m_{010}^{(10)}m_{001}^{(00)}m_{020}^{(00)}m_{003}^{(21)}+m_{010}^{(10)}m_{001}^{(00)}m_{020}^{(10)}m_{102}^{(22)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{020}^{(10)}m_{003}^{(20)}-m_{010}^{(10)}m_{001}^{(00)}m_{020}^{(20)}m_{102}^{(21)}-m_{010}^{(10)}m_{001}^{(00)}m_{020}^{(20)}m_{003}^{(10)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(20)}+m_{010}^{(10)}m_{001}^{(00)}m_{020}^{(21)}m_{003}^{(00)}+m_{010}^{(10)}m_{001}^{(00)}m_{020}^{(22)}m_{102}^{(10)}\\
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&+2m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(20)}+m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(11)}m_{102}^{(20)}+3m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(21)}\\
&+m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{102}^{(11)}+2m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{012}^{(10)}+3m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{102}^{(10)}-2m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{012}^{(00)}-3m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(22)}m_{111}^{(10)}\\
&+m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(00)}m_{021}^{(21)}+2m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{120}^{(22)}+m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{111}^{(21)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{021}^{(20)}-m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(11)}m_{111}^{(20)}-2m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(20)}m_{120}^{(21)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(20)}m_{111}^{(11)}-m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(20)}m_{021}^{(10)}-2m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{120}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{111}^{(10)}+m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{021}^{(00)}+2m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(22)}m_{120}^{(10)}\\
&-m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(10)}m_{012}^{(22)}-m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(10)}m_{003}^{(21)}+m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(11)}m_{003}^{(20)}\\
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&-m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{003}^{(10)}-m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(22)}m_{012}^{(10)}-m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(00)}m_{012}^{(22)}\\
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&+m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(20)}-m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{003}^{(00)}-m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{102}^{(10)}\\
&-m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{012}^{(00)}+m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(00)}m_{021}^{(22)}+m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(00)}m_{012}^{(21)}\\
&+3m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(22)}+2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{102}^{(21)}-m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{102}^{(20)}-3m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(21)}-2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{102}^{(11)}\\
&-2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(20)}-m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{012}^{(10)}-3m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(20)}\\
&+2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{102}^{(10)}+m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{012}^{(00)}+3m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{111}^{(10)}\\
&+m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{021}^{(00)}-m_{010}^{(10)}m_{001}^{(10)}m_{020}^{(00)}m_{102}^{(22)}+2m_{010}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(10)}m_{020}^{(22)}m_{102}^{(00)}+3m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{111}^{(22)}+m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{102}^{(21)}\\
&+m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(22)}-m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(20)}-m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(21)}\\
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&+m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{102}^{(00)}+m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{201}^{(10)}+3m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{111}^{(00)}\\
&-2m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(00)}m_{120}^{(22)}-m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(00)}m_{111}^{(21)}-2m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{210}^{(22)}\\
&-m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{201}^{(21)}+m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(20)}+m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(11)}m_{201}^{(20)}\\
&+2m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{210}^{(21)}+m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{201}^{(11)}+4m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{111}^{(10)}+2m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{210}^{(20)}-m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{201}^{(10)}\\
&-m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{111}^{(00)}-2m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(22)}m_{210}^{(10)}-2m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(22)}m_{120}^{(00)}\\
&+m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(00)}m_{012}^{(22)}-2m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(20)}+m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{012}^{(00)}\\
&+m_{010}^{(10)}m_{001}^{(11)}m_{110}^{(00)}m_{102}^{(22)}-2m_{010}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(20)}+m_{010}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{102}^{(00)}\\
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&+2m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(00)}m_{210}^{(22)}-4m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(20)}+2m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(22)}m_{210}^{(00)}
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&+m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(22)}+m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(10)}m_{012}^{(21)}-m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{012}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(20)}m_{021}^{(21)}-m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(20)}m_{012}^{(11)}-m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{012}^{(10)}+m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(22)}m_{021}^{(10)}+2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(00)}m_{012}^{(21)}\\
&-2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{102}^{(21)}-2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(20)}+2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{102}^{(20)}\\
&+2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{102}^{(11)}-2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{012}^{(10)}-2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{102}^{(10)}\\
&+2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{012}^{(00)}-2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(00)}m_{021}^{(21)}-2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(22)}\\
&+2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(20)}+2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(21)}+2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{021}^{(10)}\\
&+2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(20)}-2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{021}^{(00)}-2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(22)}m_{120}^{(10)}\\
&-m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{102}^{(21)}-m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(22)}+m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{201}^{(21)}+m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{102}^{(10)}+m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{102}^{(00)}-m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(22)}m_{201}^{(10)}+2m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(22)}\\
&+2m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(21)}-2m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{201}^{(20)}-2m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(21)}\\
&-2m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{201}^{(11)}-2m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(20)}+2m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{201}^{(10)}\\
&+2m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(22)}m_{210}^{(10)}+m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(00)}m_{120}^{(21)}-m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{210}^{(21)}\\
&-m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{120}^{(20)}+m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(11)}m_{210}^{(20)}+m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(20)}m_{210}^{(11)}\\
&-m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(20)}m_{120}^{(10)}-m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(21)}m_{210}^{(10)}+m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(21)}m_{120}^{(00)}\\
&-m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(22)}-m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(00)}m_{012}^{(21)}+m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{102}^{(21)}\\
&+m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(20)}-m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{102}^{(20)}-m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{102}^{(11)}\\
&+2m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(20)}+m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{012}^{(10)}+m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{102}^{(10)}\\
&-m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{012}^{(00)}-m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(22)}m_{021}^{(00)}+2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(22)}\\
&+2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(21)}-2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{201}^{(21)}-2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(20)}\\
&+2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(20)}+2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{201}^{(11)}-4m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{111}^{(10)}-2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{201}^{(10)}+2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{111}^{(00)}\\
&+2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(22)}m_{120}^{(00)}+m_{010}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(22)}-2m_{010}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(21)}m_{020}^{(22)}m_{201}^{(00)}-2m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(22)}+4m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(22)}m_{210}^{(00)}-m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(00)}m_{210}^{(21)}+m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{300}^{(21)}\\
&+m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{210}^{(20)}-m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(11)}m_{300}^{(20)}-m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(20)}m_{300}^{(11)}\\
&+m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(20)}m_{210}^{(10)}+m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(21)}m_{300}^{(10)}-m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(21)}m_{210}^{(00)}\\
&+m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(00)}m_{021}^{(21)}-m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{111}^{(21)}-m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(20)}+m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(20)}m_{111}^{(11)}-m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(20)}m_{021}^{(10)}\\
&-m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{111}^{(10)}+m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{021}^{(00)}-m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{111}^{(21)}\\
&+m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{201}^{(21)}+m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(20)}-m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{201}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{201}^{(11)}+m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{111}^{(10)}+m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{201}^{(10)}\\
&-m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{111}^{(00)}-m_{010}^{(10)}m_{001}^{(22)}m_{101}^{(00)}m_{120}^{(21)}+m_{010}^{(10)}m_{001}^{(22)}m_{101}^{(10)}m_{210}^{(21)}\\
&+m_{010}^{(10)}m_{001}^{(22)}m_{101}^{(10)}m_{120}^{(20)}-m_{010}^{(10)}m_{001}^{(22)}m_{101}^{(11)}m_{210}^{(20)}-m_{010}^{(10)}m_{001}^{(22)}m_{101}^{(20)}m_{210}^{(11)}\\
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&+m_{010}^{(10)}m_{001}^{(22)}m_{011}^{(00)}m_{210}^{(21)}-m_{010}^{(10)}m_{001}^{(22)}m_{011}^{(10)}m_{300}^{(21)}-m_{010}^{(10)}m_{001}^{(22)}m_{011}^{(10)}m_{210}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(22)}m_{011}^{(11)}m_{300}^{(20)}+m_{010}^{(10)}m_{001}^{(22)}m_{011}^{(20)}m_{300}^{(11)}-m_{010}^{(10)}m_{001}^{(22)}m_{011}^{(20)}m_{210}^{(10)}
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&-m_{010}^{(10)}m_{001}^{(22)}m_{011}^{(21)}m_{300}^{(10)} + m_{010}^{(10)}m_{001}^{(22)}m_{011}^{(21)}m_{210}^{(00)} + m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(00)}m_{012}^{(22)}\\
&-2m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(20)}m_{012}^{(20)} + m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(22)}m_{012}^{(00)} - 2m_{010}^{(11)}m_{010}^{(20)}m_{110}^{(00)}m_{102}^{(22)}\\
&+4m_{010}^{(11)}m_{010}^{(20)}m_{110}^{(20)}m_{102}^{(20)} - 2m_{010}^{(11)}m_{010}^{(20)}m_{110}^{(22)}m_{102}^{(00)} + 2m_{010}^{(11)}m_{010}^{(20)}m_{011}^{(00)}m_{201}^{(22)}\\
&-4m_{010}^{(11)}m_{010}^{(20)}m_{011}^{(20)}m_{201}^{(20)} + 2m_{010}^{(11)}m_{010}^{(20)}m_{011}^{(22)}m_{201}^{(00)} - m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(00)}m_{210}^{(22)}\\
&+2m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(20)}m_{210}^{(20)} - m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(22)}m_{210}^{(00)} + m_{010}^{(11)}m_{010}^{(21)}m_{200}^{(00)}m_{102}^{(22)}\\
&-2m_{010}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{102}^{(20)} + m_{010}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{102}^{(00)} - 2m_{010}^{(11)}m_{010}^{(21)}m_{101}^{(00)}m_{201}^{(22)}\\
&+4m_{010}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{201}^{(20)} - 2m_{010}^{(11)}m_{010}^{(21)}m_{101}^{(22)}m_{201}^{(00)} + m_{010}^{(11)}m_{010}^{(21)}m_{002}^{(00)}m_{300}^{(22)}\\
&-2m_{010}^{(11)}m_{010}^{(21)}m_{002}^{(20)}m_{300}^{(20)} + m_{010}^{(11)}m_{010}^{(21)}m_{002}^{(22)}m_{300}^{(00)} - m_{010}^{(11)}m_{010}^{(22)}m_{200}^{(00)}m_{111}^{(22)}\\
&+2m_{010}^{(11)}m_{010}^{(22)}m_{200}^{(20)}m_{111}^{(20)} - m_{010}^{(11)}m_{010}^{(22)}m_{200}^{(22)}m_{111}^{(00)} + m_{010}^{(11)}m_{010}^{(22)}m_{110}^{(00)}m_{201}^{(22)}\\
&-2m_{010}^{(11)}m_{010}^{(22)}m_{110}^{(20)}m_{201}^{(20)} + m_{010}^{(11)}m_{010}^{(22)}m_{110}^{(22)}m_{201}^{(00)} + m_{010}^{(11)}m_{010}^{(22)}m_{101}^{(00)}m_{210}^{(22)}\\
&-2m_{010}^{(11)}m_{010}^{(22)}m_{101}^{(20)}m_{210}^{(20)} + m_{010}^{(11)}m_{010}^{(22)}m_{101}^{(22)}m_{210}^{(00)} - m_{010}^{(11)}m_{010}^{(22)}m_{011}^{(00)}m_{300}^{(22)}\\
&+2m_{010}^{(11)}m_{010}^{(22)}m_{011}^{(20)}m_{300}^{(20)} - m_{010}^{(11)}m_{010}^{(22)}m_{011}^{(22)}m_{300}^{(00)} - m_{010}^{(11)}m_{001}^{(00)}m_{110}^{(00)}m_{003}^{(21)}\\
&-m_{010}^{(11)}m_{001}^{(00)}m_{110}^{(10)}m_{102}^{(22)} + m_{010}^{(11)}m_{001}^{(00)}m_{110}^{(10)}m_{003}^{(20)} + m_{010}^{(11)}m_{001}^{(00)}m_{110}^{(20)}m_{102}^{(21)}\\
&+m_{010}^{(11)}m_{001}^{(00)}m_{110}^{(20)}m_{003}^{(10)} + m_{010}^{(11)}m_{001}^{(00)}m_{110}^{(21)}m_{102}^{(20)} - m_{010}^{(11)}m_{001}^{(00)}m_{110}^{(21)}m_{003}^{(00)}\\
&-m_{010}^{(11)}m_{001}^{(00)}m_{110}^{(22)}m_{102}^{(10)} + m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(00)}m_{012}^{(21)} + m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(10)}m_{111}^{(22)}\\
&-m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(10)}m_{012}^{(20)} - m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{111}^{(21)} - m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{012}^{(10)}\\
&-m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(21)}m_{111}^{(20)} + m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(21)}m_{012}^{(00)} + m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(22)}m_{111}^{(10)}\\
&+m_{010}^{(11)}m_{001}^{(00)}m_{011}^{(00)}m_{102}^{(21)} + m_{010}^{(11)}m_{001}^{(00)}m_{011}^{(10)}m_{201}^{(22)} - m_{010}^{(11)}m_{001}^{(00)}m_{011}^{(10)}m_{102}^{(20)}\\
&-m_{010}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{201}^{(21)} - m_{010}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{102}^{(10)} - m_{010}^{(11)}m_{001}^{(00)}m_{011}^{(21)}m_{201}^{(20)}\\
&+m_{010}^{(11)}m_{001}^{(00)}m_{011}^{(21)}m_{102}^{(00)} + m_{010}^{(11)}m_{001}^{(00)}m_{011}^{(22)}m_{201}^{(10)} - m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(00)}m_{111}^{(21)}\\
&-m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(10)}m_{210}^{(22)} + m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(10)}m_{111}^{(20)} + m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(20)}m_{210}^{(21)}\\
&+m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(20)}m_{111}^{(10)} + m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(21)}m_{210}^{(20)} - m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(21)}m_{111}^{(00)}\\
&-m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(22)}m_{210}^{(10)} + m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(00)}m_{003}^{(21)} + m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(10)}m_{102}^{(22)}\\
&-m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(10)}m_{003}^{(20)} - m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{102}^{(21)} - m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{003}^{(10)}\\
&-m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(21)}m_{102}^{(20)} + m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(21)}m_{003}^{(00)} + m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{102}^{(10)}\\
&+m_{010}^{(11)}m_{001}^{(10)}m_{110}^{(00)}m_{102}^{(22)} - 2m_{010}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{102}^{(20)} + m_{010}^{(11)}m_{001}^{(10)}m_{110}^{(22)}m_{102}^{(00)}\\
&-m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(00)}m_{111}^{(22)} - 2m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(00)}m_{102}^{(21)} - 2m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{201}^{(22)}\\
&+2m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{102}^{(20)} + 2m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{102}^{(21)} + 2m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(20)}\\
&+2m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{102}^{(10)} + 2m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{201}^{(20)} - 2m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{102}^{(00)}\\
&-2m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{201}^{(10)} - m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{111}^{(00)} - m_{010}^{(11)}m_{001}^{(10)}m_{011}^{(00)}m_{201}^{(22)}\\
&+2m_{010}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(20)} - m_{010}^{(11)}m_{001}^{(10)}m_{011}^{(22)}m_{201}^{(00)} + m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(00)}m_{210}^{(22)}\\
&+m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(00)}m_{201}^{(21)} + m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{300}^{(22)} - m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{201}^{(20)}\\
&-m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{300}^{(21)} - 2m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{210}^{(20)} - m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{201}^{(10)}\\
&-m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(21)}m_{300}^{(20)} + m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(21)}m_{201}^{(00)} + m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{300}^{(22)}\\
&+m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(22)}m_{210}^{(00)} - m_{010}^{(11)}m_{001}^{(11)}m_{200}^{(00)}m_{102}^{(22)} + 2m_{010}^{(11)}m_{001}^{(11)}m_{200}^{(20)}m_{102}^{(20)}\\
&-m_{010}^{(11)}m_{001}^{(11)}m_{200}^{(22)}m_{102}^{(00)} + 2m_{010}^{(11)}m_{001}^{(11)}m_{101}^{(00)}m_{201}^{(22)} - 4m_{010}^{(11)}m_{001}^{(11)}m_{101}^{(20)}m_{201}^{(20)}\\
&+2m_{010}^{(11)}m_{001}^{(11)}m_{101}^{(22)}m_{201}^{(00)} - m_{010}^{(11)}m_{001}^{(11)}m_{002}^{(00)}m_{300}^{(22)} + 2m_{010}^{(11)}m_{001}^{(11)}m_{002}^{(20)}m_{300}^{(20)}\\
&-m_{010}^{(11)}m_{001}^{(11)}m_{002}^{(22)}m_{300}^{(00)} - m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(00)}m_{012}^{(21)} - m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{111}^{(22)}
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\begin{aligned}
&+m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{012}^{(20)} + m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{111}^{(21)} + m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{012}^{(10)}\\
&+m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{111}^{(20)} - m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{012}^{(00)} - m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(22)}m_{111}^{(10)}\\
&+m_{010}^{(11)}m_{001}^{(20)}m_{110}^{(00)}m_{102}^{(21)} + m_{010}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{201}^{(22)} - m_{010}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{102}^{(20)}\\
&-m_{010}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{201}^{(21)} - m_{010}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{102}^{(10)} - m_{010}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{201}^{(20)}\\
&+m_{010}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{102}^{(00)} + m_{010}^{(11)}m_{001}^{(20)}m_{110}^{(22)}m_{201}^{(10)} + m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{111}^{(21)}\\
&+m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{210}^{(22)} - m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(20)} - m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{210}^{(21)}\\
&-m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{111}^{(10)} - m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{210}^{(20)} + m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{111}^{(00)}\\
&+m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(22)}m_{210}^{(10)} - m_{010}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{201}^{(21)} - m_{010}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{300}^{(22)}\\
&+m_{010}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(20)} + m_{010}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{300}^{(21)} + m_{010}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{201}^{(10)}\\
&+m_{010}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{300}^{(20)} - m_{010}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{201}^{(00)} - m_{010}^{(11)}m_{001}^{(20)}m_{011}^{(22)}m_{300}^{(10)}\\
&+m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{111}^{(22)} - 2m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(20)} + m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(22)}m_{111}^{(00)}\\
&-m_{010}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{201}^{(22)} + 2m_{010}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(20)} - m_{010}^{(11)}m_{001}^{(21)}m_{110}^{(22)}m_{201}^{(00)}\\
&-m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{210}^{(22)} + 2m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(20)} - m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(22)}m_{210}^{(00)}\\
&+m_{010}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{300}^{(22)} - 2m_{010}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(20)} + m_{010}^{(11)}m_{001}^{(21)}m_{011}^{(22)}m_{300}^{(00)}\\
&+(m_{010}^{(20)})^2m_{200}^{(10)}m_{021}^{(22)} - (m_{010}^{(20)})^2m_{200}^{(20)}m_{021}^{(21)} - (m_{010}^{(20)})^2m_{200}^{(21)}m_{021}^{(20)}\\
&+(m_{010}^{(20)})^2m_{200}^{(22)}m_{021}^{(10)} + (m_{010}^{(20)})^2m_{110}^{(00)}m_{012}^{(21)} - 3(m_{010}^{(20)})^2m_{110}^{(10)}m_{111}^{(22)}\\
&-(m_{010}^{(20)})^2m_{110}^{(10)}m_{012}^{(20)} + 3(m_{010}^{(20)})^2m_{110}^{(20)}m_{111}^{(21)} - (m_{010}^{(20)})^2m_{110}^{(20)}m_{012}^{(10)}\\
&+3(m_{010}^{(20)})^2m_{110}^{(21)}m_{111}^{(20)} + (m_{010}^{(20)})^2m_{110}^{(21)}m_{012}^{(00)} - 3(m_{010}^{(20)})^2m_{110}^{(22)}m_{111}^{(10)}\\
&-(m_{010}^{(20)})^2m_{101}^{(00)}m_{021}^{(21)} + (m_{010}^{(20)})^2m_{101}^{(10)}m_{120}^{(22)} + (m_{010}^{(20)})^2m_{101}^{(10)}m_{021}^{(20)}\\
&-(m_{010}^{(20)})^2m_{101}^{(20)}m_{120}^{(21)} + (m_{010}^{(20)})^2m_{101}^{(20)}m_{021}^{(10)} - (m_{010}^{(20)})^2m_{101}^{(21)}m_{120}^{(20)}\\
&-(m_{010}^{(20)})^2m_{101}^{(21)}m_{021}^{(00)} + (m_{010}^{(20)})^2m_{101}^{(22)}m_{120}^{(10)} - 2(m_{010}^{(20)})^2m_{020}^{(00)}m_{102}^{(21)}\\
&+2(m_{010}^{(20)})^2m_{020}^{(10)}m_{201}^{(22)} + 2(m_{010}^{(20)})^2m_{020}^{(10)}m_{102}^{(20)} - 2(m_{010}^{(20)})^2m_{020}^{(20)}m_{201}^{(21)}\\
&+2(m_{010}^{(20)})^2m_{020}^{(20)}m_{102}^{(10)} - 2(m_{010}^{(20)})^2m_{020}^{(21)}m_{201}^{(20)} - 2(m_{010}^{(20)})^2m_{020}^{(21)}m_{102}^{(00)}\\
&+2(m_{010}^{(20)})^2m_{020}^{(22)}m_{201}^{(10)} + 3(m_{010}^{(20)})^2m_{011}^{(00)}m_{111}^{(21)} - (m_{010}^{(20)})^2m_{011}^{(10)}m_{210}^{(22)}\\
&-3(m_{010}^{(20)})^2m_{011}^{(10)}m_{111}^{(20)} + (m_{010}^{(20)})^2m_{011}^{(20)}m_{210}^{(21)} - 3(m_{010}^{(20)})^2m_{011}^{(20)}m_{111}^{(10)}\\
&+(m_{010}^{(20)})^2m_{011}^{(21)}m_{210}^{(20)} + 3(m_{010}^{(20)})^2m_{011}^{(21)}m_{111}^{(00)} - (m_{010}^{(20)})^2m_{011}^{(22)}m_{210}^{(10)}\\
&-(m_{010}^{(20)})^2m_{002}^{(00)}m_{120}^{(21)} + (m_{010}^{(20)})^2m_{002}^{(10)}m_{120}^{(20)} + (m_{010}^{(20)})^2m_{002}^{(20)}m_{120}^{(10)}\\
&-(m_{010}^{(20)})^2m_{002}^{(21)}m_{120}^{(00)} - m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(00)}m_{021}^{(22)} - m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(00)}m_{012}^{(21)}\\
&+m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(10)}m_{111}^{(22)} + m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(20)} - m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(20)}m_{111}^{(21)}\\
&+2m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(20)}m_{021}^{(20)} + m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(10)} - m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(20)}\\
&-m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{012}^{(00)} + m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(22)}m_{111}^{(10)} - m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(22)}m_{021}^{(00)}\\
&+3m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(00)}m_{111}^{(22)} + 3m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(00)}m_{102}^{(21)} - m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{201}^{(22)}\\
&-3m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{102}^{(20)} + m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{201}^{(21)} - 6m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(20)}\\
&-3m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(10)} + m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{201}^{(20)} + 3m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{102}^{(00)}\\
&-m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(22)}m_{201}^{(10)} + 3m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(22)}m_{111}^{(00)} - m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(00)}m_{120}^{(22)}\\
&-m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(00)}m_{111}^{(21)} - m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{210}^{(22)} + m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(20)}\\
&+m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{210}^{(21)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(20)} + m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(10)}\\
&+m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{210}^{(20)} - m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(00)} - m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(22)}m_{210}^{(10)}
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\begin{aligned}
&-m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(22)}m_{120}^{(00)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{020}^{(00)}m_{201}^{(22)} + 4m_{010}^{(20)}m_{010}^{(21)}m_{020}^{(20)}m_{201}^{(20)}\\
&-2m_{010}^{(20)}m_{010}^{(21)}m_{020}^{(22)}m_{201}^{(00)} + m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{210}^{(22)} - 3m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{201}^{(21)}\\
&+m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{300}^{(22)} + 3m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(20)} - m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{300}^{(21)}\\
&-2m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(20)} + 3m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(10)} - m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{300}^{(20)}\\
&-3m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(00)} + m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(22)}m_{300}^{(10)} + m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(22)}m_{210}^{(00)}\\
&+2m_{010}^{(20)}m_{010}^{(21)}m_{002}^{(00)}m_{210}^{(21)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{002}^{(10)}m_{210}^{(20)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{002}^{(20)}m_{210}^{(10)}\\
&+2m_{010}^{(20)}m_{010}^{(21)}m_{002}^{(21)}m_{210}^{(00)} + m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(00)}m_{021}^{(21)} - m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(10)}m_{120}^{(22)}\\
&-m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(10)}m_{021}^{(20)} + m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(20)}m_{120}^{(21)} - m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(10)}\\
&+m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{120}^{(20)} + m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{021}^{(00)} - m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(22)}m_{120}^{(10)}\\
&-4m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(00)}m_{111}^{(21)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{210}^{(22)} + 4m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(20)}\\
&-2m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{210}^{(21)} + 4m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(10)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{210}^{(20)}\\
&-4m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(00)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(22)}m_{210}^{(10)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(00)}m_{120}^{(21)}\\
&-2m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(10)}m_{120}^{(20)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(10)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(21)}m_{120}^{(00)}\\
&+3m_{010}^{(20)}m_{010}^{(22)}m_{020}^{(00)}m_{201}^{(21)} - m_{010}^{(20)}m_{010}^{(22)}m_{020}^{(10)}m_{300}^{(22)} - 3m_{010}^{(20)}m_{010}^{(22)}m_{020}^{(10)}m_{201}^{(20)}\\
&+m_{010}^{(20)}m_{010}^{(22)}m_{020}^{(20)}m_{300}^{(21)} - 3m_{010}^{(20)}m_{010}^{(22)}m_{020}^{(20)}m_{201}^{(10)} + m_{010}^{(20)}m_{010}^{(22)}m_{020}^{(21)}m_{300}^{(20)}\\
&+3m_{010}^{(20)}m_{010}^{(22)}m_{020}^{(21)}m_{201}^{(00)} - m_{010}^{(20)}m_{010}^{(22)}m_{020}^{(22)}m_{300}^{(10)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(00)}m_{210}^{(21)}\\
&+2m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{210}^{(20)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(10)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(21)}m_{210}^{(00)}\\
&-m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(10)}m_{021}^{(22)} - m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(10)}m_{012}^{(21)} + m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(11)}m_{012}^{(20)}\\
&+m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(20)}m_{021}^{(21)} + m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(20)}m_{012}^{(11)} + m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{021}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(10)} - m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(22)}m_{021}^{(10)} + m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(10)}m_{030}^{(22)}\\
&+m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(10)}m_{021}^{(21)} - m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(11)}m_{021}^{(20)} - m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(20)}m_{030}^{(21)}\\
&-m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(20)}m_{021}^{(11)} - m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(21)}m_{030}^{(20)} + m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(22)}m_{030}^{(10)} - m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(00)}m_{003}^{(11)} + m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(10)}m_{111}^{(22)}\\
&+m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(10)}m_{102}^{(21)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(10)}m_{003}^{(10)} - m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(11)}m_{102}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(11)}m_{003}^{(00)} - m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(20)}m_{111}^{(21)} - m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(20)}m_{102}^{(11)}\\
&-m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{111}^{(20)} + m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(10)} + m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(22)}m_{111}^{(10)}\\
&+2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(00)}m_{012}^{(11)} - m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{120}^{(22)} - m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(21)}\\
&-4m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(10)} + m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{111}^{(20)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{012}^{(00)}\\
&+m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(20)}m_{120}^{(21)} + m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(11)} + m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{120}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(10)} - m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(22)}m_{120}^{(10)} - m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(00)}m_{021}^{(11)}\\
&+2m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(10)}m_{021}^{(10)} - m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(11)}m_{021}^{(00)} + m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(10)}m_{021}^{(22)}\\
&+m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(10)}m_{012}^{(21)} - m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(11)}m_{012}^{(20)} - m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(20)}m_{021}^{(21)}\\
&-m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(20)}m_{012}^{(11)} - m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(20)} + m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(22)}m_{021}^{(10)} + m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(00)}m_{021}^{(22)} + m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(00)}m_{003}^{(11)}\\
&-m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{111}^{(22)} - m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(21)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{003}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(11)}m_{102}^{(20)} + m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(11)}m_{003}^{(00)} + m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(21)}\\
&+m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{102}^{(11)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(20)} + m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(10)} - m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(10)} + m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{021}^{(00)}
\end{aligned}
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\begin{aligned}
&-m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(00)}m_{030}^{(22)} - m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(00)}m_{012}^{(11)} - m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{120}^{(22)}\\
&-m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(21)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(10)} + m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{012}^{(00)} + m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{120}^{(21)} + m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(11)}\\
&+2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{030}^{(20)} + m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(20)} - m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(22)}m_{120}^{(10)} - m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(22)}m_{030}^{(00)} - m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(00)}m_{111}^{(22)}\\
&+2m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{111}^{(20)} - m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(22)}m_{111}^{(00)} + m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(00)}m_{011}^{(22)}m_{120}\\
&-m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(00)}m_{011}^{(11)}m_{102}^{(11)} + m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{210}^{(22)} + m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(21)}\\
&+2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(10)} - m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{201}^{(20)} - m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{102}^{(00)}\\
&-m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(21)} - m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(11)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{210}^{(20)} + m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(10)} + m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(22)}m_{210}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(22)}m_{120}^{(00)} + m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(00)}m_{111}^{(11)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(11)}m_{111}^{(00)} - m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(00)}m_{021}^{(22)} + 2m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(20)}m_{021}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(22)}m_{021}^{(00)} + m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(00)}m_{111}^{(22)} - 2m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(20)}\\
&+m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(22)}m_{111}^{(00)} + m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(00)}m_{120}^{(22)} - 2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{120}^{(20)}\\
&+m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(22)}m_{120}^{(00)} - m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(00)}m_{210}^{(22)} + 2m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{210}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(22)}m_{210}^{(00)} - m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(10)}m_{030}^{(22)} - m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(21)}\\
&+m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(20)} + m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(20)}m_{030}^{(21)} + m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(20)}m_{021}^{(11)}\\
&+m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(21)}m_{030}^{(20)} - m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(10)} - m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(22)}m_{030}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(00)}m_{021}^{(21)} - m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(00)}m_{012}^{(11)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{120}^{(22)}\\
&+3m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(21)} + m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(20)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(10)}\\
&-3m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(20)} - m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{012}^{(00)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(21)}\\
&-3m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(11)} + m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(10)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(20)}\\
&+3m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(10)} - m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(00)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(22)}m_{120}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(00)}m_{030}^{(21)} + m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(00)}m_{021}^{(11)} - m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(21)}\\
&-m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(20)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(10)} + m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(20)}\\
&+m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{021}^{(00)} + m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(11)} - m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(10)} + m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(21)}m_{030}^{(00)} + m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(21)}\\
&+2m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(00)}m_{102}^{(11)} - m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{210}^{(22)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(21)}\\
&-m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(20)} - 4m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(10)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(20)}\\
&+2m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(11)}m_{102}^{(00)} + m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(21)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{201}^{(11)}\\
&-m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(10)} + m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{210}^{(20)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(00)} - m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(22)}m_{210}^{(10)} - m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(00)}m_{011}^{(21)}m_{120}\\
&-3m_{010}^{(20)}m_{001}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{111}^{(11)} + m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(21)} + m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(20)}\\
&+6m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(10)} - m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(20)} - 3m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{111}^{(00)}\\
&-m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(11)} + m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(10)} + m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(00)} + m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(00)}m_{120}^{(11)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(10)}m_{120}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(11)}m_{120}^{(00)} + m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(00)}m_{030}^{(22)} + m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(21)}\\
&-m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(21)} - m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(20)} + m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(20)}
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\begin{aligned}
&+m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(11)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{030}^{(20)} - m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(10)} + m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(00)} + m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(22)}m_{030}^{(00)}\\
&-2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{120}^{(22)} - m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(21)} - m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{102}^{(11)}\\
&+m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(21)} + m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(20)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(20)} - m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{102}^{(00)} - m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(11)}\\
&+4m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(20)} + m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(10)} + m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(00)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(22)}m_{120}^{(00)} - m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(21)}\\
&+m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(11)} + m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(21)} + m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(20)}\\
&-2m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(10)} - m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(20)} + m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{111}^{(00)}\\
&-m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(11)} + m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(10)} + m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(00)} + m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{210}^{(22)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(20)}\\
&+m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(22)}m_{210}^{(00)} + m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(21)} + m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{201}^{(11)}\\
&-m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(21)} - m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(20)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{300}^{(20)} + m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{201}^{(00)} + m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(11)}\\
&-m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(10)} - m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(10)} + m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(00)}\\
&-m_{010}^{(20)}m_{001}^{(21)}m_{002}^{(00)}m_{210}^{(11)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{002}^{(10)}m_{210}^{(10)} - m_{010}^{(20)}m_{001}^{(21)}m_{002}^{(11)}m_{210}^{(00)}\\
&-m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(21)} + m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(21)} + m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(20)} - m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(20)}m_{120}^{(11)} + m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(10)} - m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(21)}m_{030}^{(00)} + 2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(21)}\\
&+m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{111}^{(11)} - 2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(21)} - 2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(20)}\\
&-2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(10)} + 2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(20)} + m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{111}^{(00)}\\
&+2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(20)}m_{210}^{(11)} - 2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(10)} - 2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(10)}\\
&+2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(21)}m_{120}^{(00)} - m_{010}^{(20)}m_{001}^{(22)}m_{101}^{(00)}m_{120}^{(11)} + 2m_{010}^{(20)}m_{001}^{(22)}m_{101}^{(10)}m_{120}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(22)}m_{101}^{(11)}m_{120}^{(00)} - m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(21)} - m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{201}^{(11)}\\
&+m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(21)} + m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(20)} + 2m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(20)} - m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(11)}m_{201}^{(00)} - m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(20)}m_{300}^{(11)}\\
&+m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(10)} + m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(10)} - m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(21)}m_{210}^{(00)}\\
&+m_{010}^{(20)}m_{001}^{(22)}m_{011}^{(00)}m_{210}^{(11)} - 2m_{010}^{(20)}m_{001}^{(22)}m_{011}^{(10)}m_{210}^{(10)} + m_{010}^{(20)}m_{001}^{(22)}m_{011}^{(11)}m_{210}^{(00)}\\
&-(m_{010}^{(21)})^2m_{200}^{(00)}m_{111}^{(22)} - (m_{010}^{(21)})^2m_{200}^{(00)}m_{102}^{(21)} + (m_{010}^{(21)})^2m_{200}^{(10)}m_{102}^{(20)}\\
&+2(m_{010}^{(21)})^2m_{200}^{(20)}m_{111}^{(20)} + (m_{010}^{(21)})^2m_{200}^{(20)}m_{102}^{(10)} - (m_{010}^{(21)})^2m_{200}^{(21)}m_{102}^{(00)}\\
&-(m_{010}^{(21)})^2m_{200}^{(22)}m_{111}^{(00)} + (m_{010}^{(21)})^2m_{110}^{(00)}m_{201}^{(22)} - 2(m_{010}^{(21)})^2m_{110}^{(20)}m_{201}^{(20)}\\
&+(m_{010}^{(21)})^2m_{110}^{(22)}m_{201}^{(00)} + (m_{010}^{(21)})^2m_{101}^{(00)}m_{210}^{(22)} + 2(m_{010}^{(21)})^2m_{101}^{(00)}m_{201}^{(21)}\\
&-2(m_{010}^{(21)})^2m_{101}^{(10)}m_{201}^{(20)} - 2(m_{010}^{(21)})^2m_{101}^{(20)}m_{210}^{(20)} - 2(m_{010}^{(21)})^2m_{101}^{(20)}m_{201}^{(10)}\\
&+2(m_{010}^{(21)})^2m_{101}^{(21)}m_{201}^{(00)} + (m_{010}^{(21)})^2m_{101}^{(22)}m_{210}^{(00)} - (m_{010}^{(21)})^2m_{011}^{(00)}m_{300}^{(22)}\\
&+2(m_{010}^{(21)})^2m_{011}^{(20)}m_{300}^{(20)} - (m_{010}^{(21)})^2m_{011}^{(22)}m_{300}^{(00)} - (m_{010}^{(21)})^2m_{002}^{(00)}m_{300}^{(21)}\\
&+(m_{010}^{(21)})^2m_{002}^{(10)}m_{300}^{(20)} + (m_{010}^{(21)})^2m_{002}^{(20)}m_{300}^{(10)} - (m_{010}^{(21)})^2m_{002}^{(21)}m_{300}^{(00)}\\
&+m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(00)}m_{120}^{(22)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(00)}m_{111}^{(21)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{111}^{(20)}\\
&-2m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{120}^{(20)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{111}^{(10)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(00)}
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&+m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(22)}m_{120}^{(00)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(00)}m_{210}^{(22)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(00)}m_{201}^{(21)}\\
&+2m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{201}^{(20)} + 4m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{210}^{(20)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{201}^{(10)}\\
&-2m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(00)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(22)}m_{210}^{(00)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(00)}m_{210}^{(21)}\\
&+2m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{210}^{(20)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(20)}m_{210}^{(10)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(00)}\\
&+m_{010}^{(21)}m_{010}^{(22)}m_{020}^{(00)}m_{300}^{(22)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{020}^{(20)}m_{300}^{(20)} + m_{010}^{(21)}m_{010}^{(22)}m_{020}^{(22)}m_{300}^{(00)}\\
&+2m_{010}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{300}^{(21)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{011}^{(10)}m_{300}^{(20)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{011}^{(20)}m_{300}^{(10)}\\
&+2m_{010}^{(21)}m_{010}^{(22)}m_{011}^{(21)}m_{300}^{(00)} + m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(00)}m_{012}^{(21)} + m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(00)}m_{003}^{(11)}\\
&+m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(10)}m_{111}^{(22)} - m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(10)}m_{012}^{(20)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(10)}m_{003}^{(10)}\\
&+m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(11)}m_{003}^{(00)} - m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{111}^{(21)} - m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{012}^{(10)}\\
&-m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{111}^{(20)} + m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(00)} + m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(22)}m_{111}^{(10)}\\
&-m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(00)}m_{021}^{(21)} - m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(00)}m_{012}^{(11)} - m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(10)}m_{120}^{(22)}\\
&+m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(10)}m_{021}^{(20)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(10)}m_{012}^{(10)} - m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(11)}m_{012}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(20)}m_{120}^{(21)} + m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(20)}m_{021}^{(10)} + m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{120}^{(20)}\\
&-m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(00)} - m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(22)}m_{120}^{(10)} - m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(00)}m_{102}^{(21)}\\
&-m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(10)}m_{201}^{(22)} + m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(10)}m_{102}^{(20)} + m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(20)}m_{201}^{(21)}\\
&+m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(20)}m_{102}^{(10)} + m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(21)}m_{201}^{(20)} - m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(22)}m_{201}^{(10)} + m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(00)}m_{111}^{(21)} - m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(00)}m_{102}^{(11)}\\
&+m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{210}^{(22)} - m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(20)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{102}^{(10)}\\
&-m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(11)}m_{102}^{(00)} - m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{210}^{(21)} - m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(10)}\\
&-m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{210}^{(20)} + m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(00)} + m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(22)}m_{210}^{(10)}\\
&+m_{010}^{(21)}m_{001}^{(00)}m_{002}^{(00)}m_{111}^{(11)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{002}^{(10)}m_{111}^{(10)} + m_{010}^{(21)}m_{001}^{(00)}m_{002}^{(11)}m_{111}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(00)}m_{012}^{(21)} - m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(00)}m_{003}^{(11)} - m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(10)}m_{111}^{(22)}\\
&+m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(10)}m_{012}^{(20)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(10)}m_{003}^{(10)} - m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(11)}m_{003}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{111}^{(21)} + m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{012}^{(10)} + m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{111}^{(20)}\\
&-m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(00)} - m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(22)}m_{111}^{(10)} - m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(00)}m_{111}^{(22)}\\
&+m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(00)}m_{102}^{(21)} + m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{201}^{(22)} - m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(20)}\\
&-m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{201}^{(21)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(20)} - m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{102}^{(10)}\\
&-m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{201}^{(20)} + m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(00)} + m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(22)}m_{201}^{(10)}\\
&-m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(00)} + m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{120}^{(22)} + m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{111}^{(21)}\\
&+2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{102}^{(11)} + m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{210}^{(22)} - m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(20)}\\
&-4m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{102}^{(10)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(11)}m_{102}^{(00)} - m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{210}^{(21)}\\
&-2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{120}^{(20)} - m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(10)} - m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{210}^{(20)}\\
&+m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(00)} + m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(22)}m_{210}^{(10)} + m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(22)}m_{120}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(10)}m_{020}^{(00)}m_{201}^{(22)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{020}^{(20)}m_{201}^{(20)} + m_{010}^{(21)}m_{001}^{(10)}m_{020}^{(22)}m_{201}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{210}^{(22)} - m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{201}^{(21)} - m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{300}^{(22)}\\
&+m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(20)} + m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{300}^{(21)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(20)}\\
&+m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(10)} + m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{300}^{(20)} - m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(22)}m_{300}^{(10)} - m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(22)}m_{210}^{(00)} - m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(00)}m_{201}^{(11)}
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&+2m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{201}^{(10)} - m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(11)}m_{201}^{(00)} + m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(00)}m_{111}^{(22)}\\
&-2m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{111}^{(20)} + m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(22)}m_{111}^{(00)} - m_{010}^{(21)}m_{001}^{(11)}m_{110}^{(00)}m_{201}^{(22)}\\
&+2m_{010}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{201}^{(20)} - m_{010}^{(21)}m_{001}^{(11)}m_{110}^{(22)}m_{201}^{(00)} - m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{210}^{(22)}\\
&+2m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{210}^{(20)} - m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(22)}m_{210}^{(00)} + m_{010}^{(21)}m_{001}^{(11)}m_{011}^{(00)}m_{300}^{(22)}\\
&-2m_{010}^{(21)}m_{001}^{(11)}m_{011}^{(20)}m_{300}^{(20)} + m_{010}^{(21)}m_{001}^{(11)}m_{011}^{(22)}m_{300}^{(00)} + m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(00)}m_{021}^{(21)}\\
&+m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(00)}m_{012}^{(11)} + m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{120}^{(22)} - m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(20)}\\
&-2m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{012}^{(10)} + m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{012}^{(00)} - m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{120}^{(21)}\\
&-m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{021}^{(10)} - m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{120}^{(20)} + m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(22)}m_{120}^{(10)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{111}^{(21)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{102}^{(11)}\\
&-2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{210}^{(22)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(20)} + 4m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{102}^{(10)}\\
&-2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{102}^{(00)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{210}^{(21)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(10)}\\
&+2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(20)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(00)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(22)}m_{210}^{(10)}\\
&+m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{201}^{(21)} + m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{300}^{(22)} - m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(20)}\\
&-m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{300}^{(21)} - m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{201}^{(10)} - m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(21)}m_{300}^{(20)}\\
&+m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(00)} + m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(22)}m_{300}^{(10)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{201}^{(11)}\\
&-4m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(10)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(11)}m_{201}^{(00)} - m_{010}^{(21)}m_{001}^{(20)}m_{002}^{(00)}m_{210}^{(11)}\\
&+2m_{010}^{(21)}m_{001}^{(20)}m_{002}^{(10)}m_{210}^{(10)} - m_{010}^{(21)}m_{001}^{(20)}m_{002}^{(11)}m_{210}^{(00)} - m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{120}^{(22)}\\
&+m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{102}^{(11)} - 2m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{102}^{(10)} + m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(11)}m_{102}^{(00)}\\
&+2m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{120}^{(20)} - m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(22)}m_{120}^{(00)} + 2m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{210}^{(22)}\\
&-4m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(20)} + 2m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(00)} - 2m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{201}^{(11)}\\
&+4m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{201}^{(10)} - 2m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(00)} - m_{010}^{(21)}m_{001}^{(21)}m_{020}^{(00)}m_{300}^{(22)}\\
&+2m_{010}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{300}^{(20)} - m_{010}^{(21)}m_{001}^{(21)}m_{020}^{(22)}m_{300}^{(00)} + m_{010}^{(21)}m_{001}^{(21)}m_{002}^{(00)}m_{300}^{(11)}\\
&-2m_{010}^{(21)}m_{001}^{(21)}m_{002}^{(10)}m_{300}^{(10)} + m_{010}^{(21)}m_{001}^{(21)}m_{002}^{(11)}m_{300}^{(00)} - m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(00)}m_{111}^{(11)}\\
&+2m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{111}^{(10)} - m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(00)} + m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{201}^{(11)}\\
&-2m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{201}^{(10)} + m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(11)}m_{201}^{(00)} + m_{010}^{(21)}m_{001}^{(22)}m_{101}^{(00)}m_{210}^{(11)}\\
&-2m_{010}^{(21)}m_{001}^{(22)}m_{101}^{(10)}m_{210}^{(10)} + m_{010}^{(21)}m_{001}^{(22)}m_{101}^{(11)}m_{210}^{(00)} - m_{010}^{(21)}m_{001}^{(22)}m_{011}^{(00)}m_{300}^{(11)}\\
&+2m_{010}^{(21)}m_{001}^{(22)}m_{011}^{(10)}m_{300}^{(10)} - m_{010}^{(21)}m_{001}^{(22)}m_{011}^{(11)}m_{300}^{(00)} - (m_{010}^{(22)})^2m_{200}^{(00)}m_{120}^{(21)}\\
&+(m_{010}^{(22)})^2m_{200}^{(10)}m_{120}^{(20)} + (m_{010}^{(22)})^2m_{200}^{(20)}m_{120}^{(10)} - (m_{010}^{(22)})^2m_{200}^{(21)}m_{120}^{(00)}\\
&+2(m_{010}^{(22)})^2m_{110}^{(00)}m_{210}^{(21)} - 2(m_{010}^{(22)})^2m_{110}^{(10)}m_{210}^{(20)} - 2(m_{010}^{(22)})^2m_{110}^{(20)}m_{210}^{(10)}\\
&+2(m_{010}^{(22)})^2m_{110}^{(21)}m_{210}^{(00)} - (m_{010}^{(22)})^2m_{020}^{(00)}m_{300}^{(21)} + (m_{010}^{(22)})^2m_{020}^{(10)}m_{300}^{(20)}\\
&+(m_{010}^{(22)})^2m_{020}^{(20)}m_{300}^{(10)} - (m_{010}^{(22)})^2m_{020}^{(21)}m_{300}^{(00)} - m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(00)}m_{012}^{(11)}\\
&+2m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(10)}m_{012}^{(10)} - m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(11)}m_{012}^{(00)} + m_{010}^{(22)}m_{001}^{(00)}m_{101}^{(00)}m_{021}^{(11)}\\
&-2m_{010}^{(22)}m_{001}^{(00)}m_{101}^{(10)}m_{021}^{(10)} + m_{010}^{(22)}m_{001}^{(00)}m_{101}^{(11)}m_{021}^{(00)} + m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(00)}m_{102}^{(11)}\\
&-2m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(10)}m_{102}^{(10)} + m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(11)}m_{102}^{(00)} - m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(00)}m_{111}^{(11)}\\
&+2m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(10)} - m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(11)}m_{111}^{(00)} + m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(00)}m_{012}^{(11)}\\
&-2m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(10)}m_{012}^{(10)} + m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(11)}m_{012}^{(00)} - m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(00)}m_{102}^{(11)}\\
&+2m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(10)} - m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(11)}m_{102}^{(00)} - m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(00)}m_{111}^{(11)}\\
&+2m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(10)} - m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(00)} + m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(00)}m_{201}^{(11)}
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&-2m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(10)} + m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(11)}m_{201}^{(00)} - m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(00)}m_{021}^{(11)}\\
&+2m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(10)} - m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(00)} + 3m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(00)}m_{111}^{(11)}\\
&-6m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(10)} + 3m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(00)} - m_{010}^{(22)}m_{001}^{(20)}m_{101}^{(00)}m_{120}^{(11)}\\
&+2m_{010}^{(22)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(10)} - m_{010}^{(22)}m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(00)} - 2m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{201}^{(11)}\\
&+4m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(10)} - 2m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(00)} + m_{010}^{(22)}m_{001}^{(20)}m_{011}^{(00)}m_{210}^{(11)}\\
&-2m_{010}^{(22)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(10)} + m_{010}^{(22)}m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(00)} - m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(00)}m_{111}^{(11)}\\
&+2m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(10)} - m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(00)} + m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{201}^{(11)}\\
&-2m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(10)} + m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(00)} + m_{010}^{(22)}m_{001}^{(21)}m_{101}^{(00)}m_{210}^{(11)}\\
&-2m_{010}^{(22)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(10)} + m_{010}^{(22)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(00)} - m_{010}^{(22)}m_{001}^{(21)}m_{011}^{(00)}m_{300}^{(11)}\\
&+2m_{010}^{(22)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(10)} - m_{010}^{(22)}m_{001}^{(21)}m_{011}^{(11)}m_{300}^{(00)} + m_{010}^{(22)}m_{001}^{(22)}m_{200}^{(00)}m_{120}^{(11)}\\
&-2m_{010}^{(22)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(10)} + m_{010}^{(22)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(00)} - 2m_{010}^{(22)}m_{001}^{(22)}m_{110}^{(00)}m_{210}^{(11)}\\
&+4m_{010}^{(22)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(10)} - 2m_{010}^{(22)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(00)} + m_{010}^{(22)}m_{001}^{(22)}m_{020}^{(00)}m_{300}^{(11)}\\
&-2m_{010}^{(22)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(10)} + m_{010}^{(22)}m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(00)} + (m_{001}^{(00)})^2m_{020}^{(10)}m_{012}^{(21)}\\
&-(m_{001}^{(00)})^2m_{020}^{(11)}m_{012}^{(20)} - (m_{001}^{(00)})^2m_{020}^{(20)}m_{012}^{(11)} + (m_{001}^{(00)})^2m_{020}^{(21)}m_{012}^{(10)}\\
&-2(m_{001}^{(00)})^2m_{011}^{(10)}m_{021}^{(21)} + 2(m_{001}^{(00)})^2m_{011}^{(11)}m_{021}^{(20)} + 2(m_{001}^{(00)})^2m_{011}^{(20)}m_{021}^{(11)}\\
&-2(m_{001}^{(00)})^2m_{011}^{(21)}m_{021}^{(10)} + (m_{001}^{(00)})^2m_{002}^{(10)}m_{030}^{(21)} - (m_{001}^{(00)})^2m_{002}^{(11)}m_{030}^{(20)}\\
&-(m_{001}^{(00)})^2m_{002}^{(20)}m_{030}^{(11)} + (m_{001}^{(00)})^2m_{002}^{(21)}m_{030}^{(10)} - 2m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(21)}\\
&+2m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(11)}m_{012}^{(20)} + 2m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(11)} - 2m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(10)}\\
&+2m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(21)} - 2m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(11)}m_{021}^{(20)} - 2m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(11)}\\
&+2m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(10)} - m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(00)}m_{012}^{(21)} - m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(10)}m_{012}^{(21)}\\
&+m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(10)}m_{012}^{(20)} + m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(11)}m_{102}^{(20)} + m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(11)}\\
&+m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{012}^{(10)} - m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{102}^{(10)} - m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{012}^{(00)}\\
&+2m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(00)}m_{021}^{(21)} + 4m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(21)} - 2m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{021}^{(20)}\\
&-4m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{111}^{(20)} - 4m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(11)} - 2m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{021}^{(10)}\\
&+4m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(10)} + 2m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{021}^{(00)} - m_{001}^{(00)}m_{001}^{(10)}m_{002}^{(00)}m_{030}^{(21)}\\
&-3m_{001}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{120}^{(21)} + m_{001}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{030}^{(20)} + 3m_{001}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{120}^{(20)}\\
&+3m_{001}^{(00)}m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(11)} + m_{001}^{(00)}m_{001}^{(10)}m_{002}^{(20)}m_{030}^{(10)} - 3m_{001}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{120}^{(10)}\\
&-m_{001}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{030}^{(00)} + m_{001}^{(00)}m_{001}^{(11)}m_{110}^{(00)}m_{012}^{(21)} + m_{001}^{(00)}m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(21)}\\
&-m_{001}^{(00)}m_{001}^{(11)}m_{110}^{(10)}m_{012}^{(20)} - m_{001}^{(00)}m_{001}^{(11)}m_{110}^{(11)}m_{102}^{(20)} - m_{001}^{(00)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(11)}\\
&-m_{001}^{(00)}m_{001}^{(11)}m_{110}^{(20)}m_{012}^{(10)} + m_{001}^{(00)}m_{001}^{(11)}m_{110}^{(21)}m_{102}^{(10)} + m_{001}^{(00)}m_{001}^{(11)}m_{110}^{(21)}m_{012}^{(00)}\\
&-m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(00)}m_{021}^{(21)} - m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(21)} + m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(10)}m_{021}^{(20)}\\
&+m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(11)}m_{111}^{(20)} + m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(11)} + m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(20)}m_{021}^{(10)}\\
&-m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(10)} - m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{021}^{(00)} - m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(00)}m_{111}^{(21)}\\
&-m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(21)} + m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(10)}m_{111}^{(20)} + m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(11)}m_{201}^{(20)}\\
&+m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(11)} + m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(10)} - m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{201}^{(10)}\\
&-m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{111}^{(00)} + m_{001}^{(00)}m_{001}^{(11)}m_{002}^{(00)}m_{120}^{(21)} + m_{001}^{(00)}m_{001}^{(11)}m_{002}^{(10)}m_{210}^{(21)}\\
&-m_{001}^{(00)}m_{001}^{(11)}m_{002}^{(10)}m_{120}^{(20)} - m_{001}^{(00)}m_{001}^{(11)}m_{002}^{(11)}m_{210}^{(20)} - m_{001}^{(00)}m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(11)}\\
&-m_{001}^{(00)}m_{001}^{(11)}m_{002}^{(20)}m_{120}^{(10)} + m_{001}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{210}^{(10)} + m_{001}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{120}^{(00)}
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&+2m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(21)} - 2m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(11)}m_{021}^{(20)} - 2m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(11)}\\
&+2m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(10)} - 2m_{001}^{(00)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(21)} + 2m_{001}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{030}^{(20)}\\
&+2m_{001}^{(00)}m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(11)} - 2m_{001}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{030}^{(10)} + m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(00)}m_{012}^{(11)}\\
&-2m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(21)} - 2m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{012}^{(10)} + 2m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{111}^{(20)}\\
&+m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{012}^{(00)} + 2m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(11)} - 2m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(10)}\\
&-2m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(00)}m_{021}^{(11)} + 2m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(21)} + 4m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{021}^{(10)}\\
&-2m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{120}^{(20)} - 2m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{021}^{(00)} - 2m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(11)}\\
&+2m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(10)} + m_{001}^{(00)}m_{001}^{(20)}m_{002}^{(00)}m_{030}^{(11)} - 2m_{001}^{(00)}m_{001}^{(20)}m_{002}^{(10)}m_{030}^{(10)}\\
&+m_{001}^{(00)}m_{001}^{(20)}m_{002}^{(11)}m_{030}^{(00)} - m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(00)}m_{021}^{(21)} - m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(00)}m_{012}^{(11)}\\
&-m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(21)} + m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{021}^{(20)} + 2m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{012}^{(10)}\\
&+m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(11)}m_{111}^{(20)} - m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(11)}m_{012}^{(00)} + m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(11)}\\
&+m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{021}^{(10)} - m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(10)} - m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{021}^{(00)}\\
&+m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(00)}m_{030}^{(21)} + m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(00)}m_{021}^{(11)} + m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(21)}\\
&-m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{030}^{(20)} - 2m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(10)} - m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{120}^{(20)}\\
&+m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{021}^{(00)} - m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(11)} - m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(20)}m_{030}^{(10)}\\
&+m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(10)} + m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{030}^{(00)} + m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(21)}\\
&+m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(21)} - m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{111}^{(20)} - m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(11)}m_{201}^{(20)}\\
&-m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(11)} - m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{111}^{(10)} + m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{201}^{(10)}\\
&+m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{111}^{(00)} - m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(00)}m_{120}^{(21)} + m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(11)}\\
&-m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(21)} + m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{120}^{(20)} - 2m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(10)}\\
&+m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{210}^{(20)} + m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{111}^{(00)} + m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(11)}\\
&+m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{120}^{(10)} - m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(10)} - m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{120}^{(00)}\\
&-m_{001}^{(00)}m_{001}^{(21)}m_{002}^{(00)}m_{120}^{(11)} + 2m_{001}^{(00)}m_{001}^{(21)}m_{002}^{(10)}m_{120}^{(10)} - m_{001}^{(00)}m_{001}^{(21)}m_{002}^{(11)}m_{120}^{(00)}\\
&+m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(00)}m_{021}^{(11)} - 2m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{021}^{(10)} + m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(11)}m_{021}^{(00)}\\
&-m_{001}^{(00)}m_{001}^{(22)}m_{101}^{(00)}m_{030}^{(11)} + 2m_{001}^{(00)}m_{001}^{(22)}m_{101}^{(10)}m_{030}^{(10)} - m_{001}^{(00)}m_{001}^{(22)}m_{101}^{(11)}m_{030}^{(00)}\\
&-m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(11)} + 2m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(10)}m_{111}^{(10)} - m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(11)}m_{111}^{(00)}\\
&+m_{001}^{(00)}m_{001}^{(22)}m_{011}^{(00)}m_{120}^{(11)} - 2m_{001}^{(00)}m_{001}^{(22)}m_{011}^{(10)}m_{120}^{(10)} + m_{001}^{(00)}m_{001}^{(22)}m_{011}^{(11)}m_{120}^{(00)}\\
&+(m_{001}^{(10)})^2m_{200}^{(10)}m_{012}^{(21)} - (m_{001}^{(10)})^2m_{200}^{(11)}m_{012}^{(20)} - (m_{001}^{(10)})^2m_{200}^{(20)}m_{012}^{(11)}\\
&+(m_{001}^{(10)})^2m_{200}^{(21)}m_{012}^{(10)} + (m_{001}^{(10)})^2m_{110}^{(00)}m_{012}^{(21)} + (m_{001}^{(10)})^2m_{110}^{(10)}m_{102}^{(21)}\\
&-(m_{001}^{(10)})^2m_{110}^{(10)}m_{012}^{(20)} - (m_{001}^{(10)})^2m_{110}^{(11)}m_{102}^{(20)} - (m_{001}^{(10)})^2m_{110}^{(20)}m_{102}^{(11)}\\
&-(m_{001}^{(10)})^2m_{110}^{(20)}m_{012}^{(10)} + (m_{001}^{(10)})^2m_{110}^{(21)}m_{102}^{(10)} + (m_{001}^{(10)})^2m_{110}^{(21)}m_{012}^{(00)}\\
&-(m_{001}^{(10)})^2m_{101}^{(00)}m_{021}^{(21)} - 3(m_{001}^{(10)})^2m_{101}^{(10)}m_{111}^{(21)} + (m_{001}^{(10)})^2m_{101}^{(10)}m_{021}^{(20)}\\
&+3(m_{001}^{(10)})^2m_{101}^{(11)}m_{111}^{(20)} + 3(m_{001}^{(10)})^2m_{101}^{(20)}m_{111}^{(11)} + (m_{001}^{(10)})^2m_{101}^{(20)}m_{021}^{(10)}\\
&-3(m_{001}^{(10)})^2m_{101}^{(21)}m_{111}^{(10)} - (m_{001}^{(10)})^2m_{101}^{(21)}m_{021}^{(00)} + (m_{001}^{(10)})^2m_{020}^{(00)}m_{102}^{(21)}\\
&-(m_{001}^{(10)})^2m_{020}^{(10)}m_{102}^{(20)} - (m_{001}^{(10)})^2m_{020}^{(20)}m_{102}^{(10)} + (m_{001}^{(10)})^2m_{020}^{(21)}m_{102}^{(00)}\\
&-3(m_{001}^{(10)})^2m_{011}^{(00)}m_{111}^{(21)} - (m_{001}^{(10)})^2m_{011}^{(10)}m_{201}^{(21)} + 3(m_{001}^{(10)})^2m_{011}^{(10)}m_{111}^{(20)}\\
&+(m_{001}^{(10)})^2m_{011}^{(11)}m_{201}^{(20)} + (m_{001}^{(10)})^2m_{011}^{(20)}m_{201}^{(11)} + 3(m_{001}^{(10)})^2m_{011}^{(20)}m_{111}^{(10)}\\
&-(m_{001}^{(10)})^2m_{011}^{(21)}m_{201}^{(10)} - 3(m_{001}^{(10)})^2m_{011}^{(21)}m_{111}^{(00)} + 2(m_{001}^{(10)})^2m_{002}^{(00)}m_{120}^{(21)}
\end{aligned}
$$

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\begin{aligned}
&+2(m_{001}^{(10)})^2 m_{002}^{(10)} m_{210}^{(21)} - 2(m_{001}^{(10)})^2 m_{002}^{(10)} m_{120}^{(20)} - 2(m_{001}^{(10)})^2 m_{002}^{(11)} m_{210}^{(20)} \\
&-2(m_{001}^{(10)})^2 m_{002}^{(20)} m_{210}^{(11)} - 2(m_{001}^{(10)})^2 m_{002}^{(20)} m_{120}^{(10)} + 2(m_{001}^{(10)})^2 m_{002}^{(21)} m_{210}^{(10)} \\
&+2(m_{001}^{(10)})^2 m_{002}^{(21)} m_{120}^{(00)} - m_{001}^{(10)} m_{001}^{(11)} m_{200}^{(00)} m_{012}^{(21)} - m_{001}^{(10)} m_{001}^{(11)} m_{200}^{(10)} m_{102}^{(21)} \\
&+m_{001}^{(10)} m_{001}^{(11)} m_{200}^{(10)} m_{012}^{(20)} + m_{001}^{(10)} m_{001}^{(11)} m_{200}^{(11)} m_{102}^{(20)} + m_{001}^{(10)} m_{001}^{(11)} m_{200}^{(20)} m_{102}^{(11)} \\
&+m_{001}^{(10)} m_{001}^{(11)} m_{200}^{(20)} m_{012}^{(10)} - m_{001}^{(10)} m_{001}^{(11)} m_{200}^{(21)} m_{102}^{(10)} - m_{001}^{(10)} m_{001}^{(11)} m_{200}^{(21)} m_{012}^{(00)} \\
&-2m_{001}^{(10)} m_{001}^{(11)} m_{110}^{(00)} m_{102}^{(21)} + 2m_{001}^{(10)} m_{001}^{(11)} m_{110}^{(10)} m_{102}^{(20)} + 2m_{001}^{(10)} m_{001}^{(11)} m_{110}^{(20)} m_{102}^{(10)} \\
&-2m_{001}^{(10)} m_{001}^{(11)} m_{110}^{(21)} m_{102}^{(00)} + 4m_{001}^{(10)} m_{001}^{(11)} m_{101}^{(00)} m_{111}^{(21)} + 2m_{001}^{(10)} m_{001}^{(11)} m_{101}^{(10)} m_{201}^{(21)} \\
&-4m_{001}^{(10)} m_{001}^{(11)} m_{101}^{(10)} m_{111}^{(20)} - 2m_{001}^{(10)} m_{001}^{(11)} m_{101}^{(11)} m_{201}^{(20)} - 2m_{001}^{(10)} m_{001}^{(11)} m_{101}^{(20)} m_{201}^{(11)} \\
&-4m_{001}^{(10)} m_{001}^{(11)} m_{101}^{(20)} m_{111}^{(10)} + 2m_{001}^{(10)} m_{001}^{(11)} m_{101}^{(21)} m_{201}^{(10)} + 4m_{001}^{(10)} m_{001}^{(11)} m_{101}^{(21)} m_{111}^{(00)} \\
&+2m_{001}^{(10)} m_{001}^{(11)} m_{011}^{(00)} m_{201}^{(21)} - 2m_{001}^{(10)} m_{001}^{(11)} m_{011}^{(10)} m_{201}^{(20)} - 2m_{001}^{(10)} m_{001}^{(11)} m_{011}^{(20)} m_{201}^{(10)} \\
&+2m_{001}^{(10)} m_{001}^{(11)} m_{011}^{(21)} m_{201}^{(00)} - 3m_{001}^{(10)} m_{001}^{(11)} m_{002}^{(00)} m_{210}^{(21)} - m_{001}^{(10)} m_{001}^{(11)} m_{002}^{(10)} m_{300}^{(21)} \\
&+3m_{001}^{(10)} m_{001}^{(11)} m_{002}^{(10)} m_{210}^{(20)} + m_{001}^{(10)} m_{001}^{(11)} m_{002}^{(11)} m_{300}^{(20)} + m_{001}^{(10)} m_{001}^{(11)} m_{002}^{(20)} m_{300}^{(11)} \\
&+3m_{001}^{(10)} m_{001}^{(11)} m_{002}^{(20)} m_{210}^{(10)} - m_{001}^{(10)} m_{001}^{(11)} m_{002}^{(21)} m_{300}^{(10)} - 3m_{001}^{(10)} m_{001}^{(11)} m_{002}^{(21)} m_{210}^{(00)} \\
&-2m_{001}^{(10)} m_{001}^{(20)} m_{200}^{(10)} m_{021}^{(21)} + 2m_{001}^{(10)} m_{001}^{(20)} m_{200}^{(11)} m_{021}^{(20)} + 2m_{001}^{(10)} m_{001}^{(20)} m_{200}^{(20)} m_{021}^{(11)} \\
&-2m_{001}^{(10)} m_{001}^{(20)} m_{200}^{(21)} m_{021}^{(10)} - m_{001}^{(10)} m_{001}^{(20)} m_{110}^{(00)} m_{021}^{(21)} - m_{001}^{(10)} m_{001}^{(20)} m_{110}^{(00)} m_{012}^{(11)} \\
&+m_{001}^{(10)} m_{001}^{(20)} m_{110}^{(10)} m_{111}^{(21)} + m_{001}^{(10)} m_{001}^{(20)} m_{110}^{(10)} m_{021}^{(20)} + 2m_{001}^{(10)} m_{001}^{(20)} m_{110}^{(10)} m_{012}^{(10)} \\
&-m_{001}^{(10)} m_{001}^{(20)} m_{110}^{(11)} m_{111}^{(20)} - m_{001}^{(10)} m_{001}^{(20)} m_{110}^{(11)} m_{012}^{(00)} - m_{001}^{(10)} m_{001}^{(20)} m_{110}^{(20)} m_{111}^{(11)} \\
&+m_{001}^{(10)} m_{001}^{(20)} m_{110}^{(20)} m_{021}^{(10)} + m_{001}^{(10)} m_{001}^{(20)} m_{110}^{(21)} m_{111}^{(10)} - m_{001}^{(10)} m_{001}^{(20)} m_{110}^{(21)} m_{021}^{(00)} \\
&+m_{001}^{(10)} m_{001}^{(20)} m_{101}^{(00)} m_{030}^{(21)} + m_{001}^{(10)} m_{001}^{(20)} m_{101}^{(00)} m_{021}^{(11)} + 3m_{001}^{(10)} m_{001}^{(20)} m_{101}^{(10)} m_{120}^{(21)} \\
&-m_{001}^{(10)} m_{001}^{(20)} m_{101}^{(10)} m_{030}^{(20)} - 2m_{001}^{(10)} m_{001}^{(20)} m_{101}^{(10)} m_{021}^{(10)} - 3m_{001}^{(10)} m_{001}^{(20)} m_{101}^{(11)} m_{120}^{(20)} \\
&+m_{001}^{(10)} m_{001}^{(20)} m_{101}^{(11)} m_{021}^{(00)} - 3m_{001}^{(10)} m_{001}^{(20)} m_{101}^{(20)} m_{120}^{(11)} - m_{001}^{(10)} m_{001}^{(20)} m_{101}^{(20)} m_{030}^{(10)} \\
&+3m_{001}^{(10)} m_{001}^{(20)} m_{101}^{(21)} m_{120}^{(10)} + m_{001}^{(10)} m_{001}^{(20)} m_{101}^{(21)} m_{030}^{(00)} + m_{001}^{(10)} m_{001}^{(20)} m_{020}^{(00)} m_{111}^{(21)} \\
&-m_{001}^{(10)} m_{001}^{(20)} m_{020}^{(00)} m_{102}^{(11)} + m_{001}^{(10)} m_{001}^{(20)} m_{020}^{(10)} m_{201}^{(21)} - m_{001}^{(10)} m_{001}^{(20)} m_{020}^{(10)} m_{111}^{(20)} \\
&+2m_{001}^{(10)} m_{001}^{(20)} m_{020}^{(10)} m_{102}^{(10)} - m_{001}^{(10)} m_{001}^{(20)} m_{020}^{(11)} m_{201}^{(20)} - m_{001}^{(10)} m_{001}^{(20)} m_{020}^{(11)} m_{102}^{(00)} \\
&-m_{001}^{(10)} m_{001}^{(20)} m_{020}^{(20)} m_{201}^{(11)} - m_{001}^{(10)} m_{001}^{(20)} m_{020}^{(20)} m_{111}^{(10)} + m_{001}^{(10)} m_{001}^{(20)} m_{020}^{(21)} m_{201}^{(10)} \\
&+m_{001}^{(10)} m_{001}^{(20)} m_{020}^{(21)} m_{111}^{(00)} - m_{001}^{(10)} m_{001}^{(20)} m_{011}^{(00)} m_{120}^{(21)} + 3m_{001}^{(10)} m_{001}^{(20)} m_{011}^{(00)} m_{111}^{(11)} \\
&-3m_{001}^{(10)} m_{001}^{(20)} m_{011}^{(10)} m_{210}^{(21)} + m_{001}^{(10)} m_{001}^{(20)} m_{011}^{(10)} m_{120}^{(20)} - 6m_{001}^{(10)} m_{001}^{(20)} m_{011}^{(10)} m_{111}^{(10)} \\
&+3m_{001}^{(10)} m_{001}^{(20)} m_{011}^{(11)} m_{210}^{(20)} + 3m_{001}^{(10)} m_{001}^{(20)} m_{011}^{(11)} m_{111}^{(00)} + 3m_{001}^{(10)} m_{001}^{(20)} m_{011}^{(20)} m_{210}^{(11)} \\
&+m_{001}^{(10)} m_{001}^{(20)} m_{011}^{(20)} m_{120}^{(10)} - 3m_{001}^{(10)} m_{001}^{(20)} m_{011}^{(21)} m_{210}^{(10)} - m_{001}^{(10)} m_{001}^{(20)} m_{011}^{(21)} m_{120}^{(00)} \\
&-2m_{001}^{(10)} m_{001}^{(20)} m_{002}^{(00)} m_{120}^{(11)} + 4m_{001}^{(10)} m_{001}^{(20)} m_{002}^{(10)} m_{120}^{(10)} - 2m_{001}^{(10)} m_{001}^{(20)} m_{002}^{(11)} m_{120}^{(00)} \\
&+m_{001}^{(10)} m_{001}^{(21)} m_{200}^{(00)} m_{021}^{(21)} + m_{001}^{(10)} m_{001}^{(21)} m_{200}^{(00)} m_{012}^{(11)} + m_{001}^{(10)} m_{001}^{(21)} m_{200}^{(10)} m_{111}^{(21)} \\
&-m_{001}^{(10)} m_{001}^{(21)} m_{200}^{(10)} m_{021}^{(20)} - 2m_{001}^{(10)} m_{001}^{(21)} m_{200}^{(10)} m_{012}^{(10)} - m_{001}^{(10)} m_{001}^{(21)} m_{200}^{(11)} m_{111}^{(20)} \\
&+m_{001}^{(10)} m_{001}^{(21)} m_{200}^{(11)} m_{012}^{(00)} - m_{001}^{(10)} m_{001}^{(21)} m_{200}^{(20)} m_{111}^{(11)} - m_{001}^{(10)} m_{001}^{(21)} m_{200}^{(20)} m_{021}^{(10)} \\
&+m_{001}^{(10)} m_{001}^{(21)} m_{200}^{(21)} m_{111}^{(10)} + m_{001}^{(10)} m_{001}^{(21)} m_{200}^{(21)} m_{021}^{(00)} + m_{001}^{(10)} m_{001}^{(21)} m_{110}^{(00)} m_{111}^{(21)} \\
&+m_{001}^{(10)} m_{001}^{(21)} m_{110}^{(00)} m_{102}^{(11)} - m_{001}^{(10)} m_{001}^{(21)} m_{110}^{(10)} m_{201}^{(21)} - m_{001}^{(10)} m_{001}^{(21)} m_{110}^{(10)} m_{111}^{(20)} \\
&-2m_{001}^{(10)} m_{001}^{(21)} m_{110}^{(10)} m_{102}^{(10)} + m_{001}^{(10)} m_{001}^{(21)} m_{110}^{(11)} m_{201}^{(20)} + m_{001}^{(10)} m_{001}^{(21)} m_{110}^{(11)} m_{102}^{(00)} \\
&+m_{001}^{(10)} m_{001}^{(21)} m_{110}^{(20)} m_{201}^{(11)} - m_{001}^{(10)} m_{001}^{(21)} m_{110}^{(20)} m_{111}^{(10)} - m_{001}^{(10)} m_{001}^{(21)} m_{110}^{(21)} m_{201}^{(10)} \\
&+m_{001}^{(10)} m_{001}^{(21)} m_{110}^{(21)} m_{111}^{(00)} - 3m_{001}^{(10)} m_{001}^{(21)} m_{101}^{(00)} m_{120}^{(21)} - 3m_{001}^{(10)} m_{001}^{(21)} m_{101}^{(00)} m_{111}^{(11)}
\end{aligned}
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\begin{aligned}
&-m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(21)} + 3m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(20)} + 6m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(10)}\\
&+m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(20)} - 3m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{111}^{(00)} + m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(11)}\\
&+3m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(10)} - m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(10)} - 3m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(00)}\\
&-2m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(21)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(20)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(10)}\\
&-2m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(21)}m_{201}^{(00)} + 3m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(21)} - m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{201}^{(11)}\\
&+m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(21)} - 3m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(20)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(10)}\\
&-m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(11)}m_{300}^{(20)} - m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(11)}m_{201}^{(00)} - m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(11)}\\
&-3m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(10)} + m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(10)} + 3m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(00)}\\
&+2m_{001}^{(10)}m_{001}^{(21)}m_{002}^{(00)}m_{210}^{(11)} - 4m_{001}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{210}^{(10)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{002}^{(11)}m_{210}^{(00)}\\
&-m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(00)}m_{021}^{(11)} + 2m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(10)} - m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{021}^{(00)}\\
&+2m_{001}^{(10)}m_{001}^{(22)}m_{101}^{(00)}m_{120}^{(11)} - 4m_{001}^{(10)}m_{001}^{(22)}m_{101}^{(10)}m_{120}^{(10)} + 2m_{001}^{(10)}m_{001}^{(22)}m_{101}^{(11)}m_{120}^{(00)}\\
&+m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{201}^{(11)} - 2m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(10)} + m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(11)}m_{201}^{(00)}\\
&-2m_{001}^{(10)}m_{001}^{(22)}m_{011}^{(00)}m_{210}^{(11)} + 4m_{001}^{(10)}m_{001}^{(22)}m_{011}^{(10)}m_{210}^{(10)} - 2m_{001}^{(10)}m_{001}^{(22)}m_{011}^{(11)}m_{210}^{(00)}\\
&+(m_{001}^{(11)})^2m_{200}^{(00)}m_{102}^{(21)} - (m_{001}^{(11)})^2m_{200}^{(10)}m_{102}^{(20)} - (m_{001}^{(11)})^2m_{200}^{(20)}m_{102}^{(10)}\\
&+(m_{001}^{(11)})^2m_{200}^{(21)}m_{102}^{(00)} - 2(m_{001}^{(11)})^2m_{101}^{(00)}m_{201}^{(21)} + 2(m_{001}^{(11)})^2m_{101}^{(10)}m_{201}^{(20)}\\
&+2(m_{001}^{(11)})^2m_{101}^{(20)}m_{201}^{(10)} - 2(m_{001}^{(11)})^2m_{101}^{(21)}m_{201}^{(00)} + (m_{001}^{(11)})^2m_{002}^{(00)}m_{300}^{(21)}\\
&-(m_{001}^{(11)})^2m_{002}^{(10)}m_{300}^{(20)} - (m_{001}^{(11)})^2m_{002}^{(20)}m_{300}^{(10)} + (m_{001}^{(11)})^2m_{002}^{(21)}m_{300}^{(00)}\\
&+m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(00)}m_{021}^{(21)} + m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{111}^{(21)} - m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(20)}\\
&-m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(11)}m_{111}^{(20)} - m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{111}^{(11)} - m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{021}^{(10)}\\
&+m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{111}^{(10)} + m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(00)} - m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(00)}m_{111}^{(21)}\\
&+m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(00)}m_{102}^{(11)} - m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{201}^{(21)} + m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(20)}\\
&-2m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{102}^{(10)} + m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(11)}m_{201}^{(20)} + m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(11)}m_{102}^{(00)}\\
&+m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{201}^{(11)} + m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(10)} - m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{201}^{(10)}\\
&-m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(00)} - m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{120}^{(21)} - m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{111}^{(11)}\\
&-m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{210}^{(21)} + m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(20)} + 2m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(10)}\\
&+m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{210}^{(20)} - m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(00)} + m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{210}^{(11)}\\
&+m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(10)} - m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{210}^{(10)} - m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(00)}\\
&+m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{210}^{(21)} - m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{201}^{(11)} + m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{300}^{(21)}\\
&-m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(20)} + 2m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(10)} - m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(11)}m_{300}^{(20)}\\
&-m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(11)}m_{201}^{(00)} - m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{300}^{(11)} - m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(10)}\\
&+m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{300}^{(10)} + m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(00)} + m_{001}^{(11)}m_{001}^{(20)}m_{002}^{(00)}m_{210}^{(11)}\\
&-2m_{001}^{(11)}m_{001}^{(20)}m_{002}^{(10)}m_{210}^{(10)} + m_{001}^{(11)}m_{001}^{(20)}m_{002}^{(11)}m_{210}^{(00)} - 2m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{111}^{(21)}\\
&-m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{102}^{(11)} + 2m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(20)} + 2m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{102}^{(10)}\\
&-m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(11)}m_{102}^{(00)} + 2m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(10)} - 2m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(00)}\\
&+2m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{201}^{(21)} - 2m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(20)} - 2m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(10)}\\
&+2m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(00)} + 2m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{210}^{(21)} + 2m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{201}^{(11)}\\
&-2m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(20)} - 4m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{201}^{(10)} + 2m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(00)}\\
&-2m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(10)} + 2m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(00)} - 2m_{001}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{300}^{(21)}
\end{aligned}
$$

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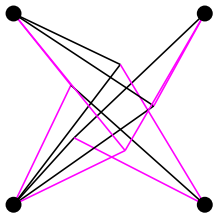
\begin{aligned}
&+2m_{001}^{(11)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(20)}+2m_{001}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(10)}-2m_{001}^{(11)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(00)}\\
&-m_{001}^{(11)}m_{001}^{(21)}m_{002}^{(00)}m_{300}^{(11)}+2m_{001}^{(11)}m_{001}^{(21)}m_{002}^{(10)}m_{300}^{(10)}-m_{001}^{(11)}m_{001}^{(21)}m_{002}^{(11)}m_{300}^{(00)}\\
&+m_{001}^{(11)}m_{001}^{(22)}m_{200}^{(00)}m_{111}^{(11)}-2m_{001}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{111}^{(10)}+m_{001}^{(11)}m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(00)}\\
&-m_{001}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{201}^{(11)}+2m_{001}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{201}^{(10)}-m_{001}^{(11)}m_{001}^{(22)}m_{110}^{(11)}m_{201}^{(00)}\\
&-m_{001}^{(11)}m_{001}^{(22)}m_{101}^{(00)}m_{210}^{(11)}+2m_{001}^{(11)}m_{001}^{(22)}m_{101}^{(10)}m_{210}^{(10)}-m_{001}^{(11)}m_{001}^{(22)}m_{101}^{(11)}m_{210}^{(00)}\\
&+m_{001}^{(11)}m_{001}^{(22)}m_{011}^{(00)}m_{300}^{(11)}-2m_{001}^{(11)}m_{001}^{(22)}m_{011}^{(10)}m_{300}^{(10)}+m_{001}^{(11)}m_{001}^{(22)}m_{011}^{(11)}m_{300}^{(00)}\\
&+(m_{001}^{(20)})^2m_{200}^{(10)}m_{030}^{(21)}-(m_{001}^{(20)})^2m_{200}^{(11)}m_{030}^{(20)}-(m_{001}^{(20)})^2m_{200}^{(20)}m_{030}^{(11)}\\
&+(m_{001}^{(20)})^2m_{200}^{(21)}m_{030}^{(10)}+(m_{001}^{(20)})^2m_{110}^{(00)}m_{021}^{(11)}-2(m_{001}^{(20)})^2m_{110}^{(10)}m_{120}^{(21)}\\
&-2(m_{001}^{(20)})^2m_{110}^{(10)}m_{021}^{(10)}+2(m_{001}^{(20)})^2m_{110}^{(11)}m_{120}^{(20)}+(m_{001}^{(20)})^2m_{110}^{(11)}m_{021}^{(00)}\\
&+2(m_{001}^{(20)})^2m_{110}^{(20)}m_{120}^{(11)}-2(m_{001}^{(20)})^2m_{110}^{(21)}m_{120}^{(10)}-(m_{001}^{(20)})^2m_{101}^{(00)}m_{030}^{(11)}\\
&+2(m_{001}^{(20)})^2m_{101}^{(10)}m_{030}^{(10)}-(m_{001}^{(20)})^2m_{101}^{(11)}m_{030}^{(00)}-(m_{001}^{(20)})^2m_{020}^{(00)}m_{111}^{(11)}\\
&+(m_{001}^{(20)})^2m_{020}^{(10)}m_{210}^{(21)}+2(m_{001}^{(20)})^2m_{020}^{(10)}m_{111}^{(10)}-(m_{001}^{(20)})^2m_{020}^{(11)}m_{210}^{(20)}\\
&-(m_{001}^{(20)})^2m_{020}^{(11)}m_{111}^{(00)}-(m_{001}^{(20)})^2m_{020}^{(20)}m_{210}^{(11)}+(m_{001}^{(20)})^2m_{020}^{(21)}m_{210}^{(10)}\\
&+(m_{001}^{(20)})^2m_{011}^{(00)}m_{120}^{(11)}-2(m_{001}^{(20)})^2m_{011}^{(10)}m_{120}^{(10)}+(m_{001}^{(20)})^2m_{011}^{(11)}m_{120}^{(00)}\\
&-m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(00)}m_{030}^{(21)}-m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(11)}-m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{120}^{(21)}\\
&+m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{030}^{(20)}+2m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(10)}+m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{120}^{(20)}\\
&-m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{021}^{(00)}+m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{120}^{(11)}+m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{030}^{(10)}\\
&-m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(10)}-m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{030}^{(00)}+2m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{120}^{(21)}\\
&+2m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{210}^{(21)}-2m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{120}^{(20)}-2m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{210}^{(20)}\\
&-2m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(11)}-2m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(10)}+2m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(10)}\\
&+2m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{120}^{(00)}+2m_{001}^{(20)}m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(11)}-4m_{001}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(10)}\\
&+2m_{001}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{120}^{(00)}-m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{210}^{(21)}+m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(11)}\\
&-m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{300}^{(21)}+m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{210}^{(20)}-2m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(10)}\\
&+m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(11)}m_{300}^{(20)}+m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(11)}m_{201}^{(00)}+m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{300}^{(11)}\\
&+m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(10)}-m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{300}^{(10)}-m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{210}^{(00)}\\
&-2m_{001}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(11)}+4m_{001}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(10)}-2m_{001}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{210}^{(00)}\\
&+m_{001}^{(20)}m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(11)}-2m_{001}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(10)}+m_{001}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{030}^{(00)}\\
&-2m_{001}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(11)}+4m_{001}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(10)}-2m_{001}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{120}^{(00)}\\
&+m_{001}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(11)}-2m_{001}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(10)}+m_{001}^{(20)}m_{001}^{(22)}m_{020}^{(11)}m_{210}^{(00)}\\
&+(m_{001}^{(21)})^2m_{200}^{(00)}m_{120}^{(21)}+(m_{001}^{(21)})^2m_{200}^{(00)}m_{111}^{(11)}-(m_{001}^{(21)})^2m_{200}^{(10)}m_{120}^{(20)}\\
&-2(m_{001}^{(21)})^2m_{200}^{(10)}m_{111}^{(10)}+(m_{001}^{(21)})^2m_{200}^{(11)}m_{111}^{(00)}-(m_{001}^{(21)})^2m_{200}^{(20)}m_{120}^{(10)}\\
&+(m_{001}^{(21)})^2m_{200}^{(21)}m_{120}^{(00)}-2(m_{001}^{(21)})^2m_{110}^{(00)}m_{210}^{(21)}-(m_{001}^{(21)})^2m_{110}^{(00)}m_{201}^{(11)}\\
&+2(m_{001}^{(21)})^2m_{110}^{(10)}m_{210}^{(20)}+2(m_{001}^{(21)})^2m_{110}^{(10)}m_{201}^{(10)}-(m_{001}^{(21)})^2m_{110}^{(11)}m_{201}^{(00)}\\
&+2(m_{001}^{(21)})^2m_{110}^{(20)}m_{210}^{(10)}-2(m_{001}^{(21)})^2m_{110}^{(21)}m_{210}^{(00)}-(m_{001}^{(21)})^2m_{101}^{(00)}m_{210}^{(11)}\\
&+2(m_{001}^{(21)})^2m_{101}^{(10)}m_{210}^{(10)}-(m_{001}^{(21)})^2m_{101}^{(11)}m_{210}^{(00)}+(m_{001}^{(21)})^2m_{020}^{(00)}m_{300}^{(21)}\\
&-(m_{001}^{(21)})^2m_{020}^{(10)}m_{300}^{(20)}-(m_{001}^{(21)})^2m_{020}^{(20)}m_{300}^{(10)}+(m_{001}^{(21)})^2m_{020}^{(21)}m_{300}^{(00)}\\
&+(m_{001}^{(21)})^2m_{011}^{(00)}m_{300}^{(11)}-2(m_{001}^{(21)})^2m_{011}^{(10)}m_{300}^{(10)}+(m_{001}^{(21)})^2m_{011}^{(11)}m_{300}^{(00)}\\
&-m_{001}^{(21)}m_{001}^{(22)}m_{200}^{(00)}m_{120}^{(11)}+2m_{001}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(10)}-m_{001}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(00)}\\
&+2m_{001}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{210}^{(11)}-4m_{001}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(10)}+2m_{001}^{(21)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(00)}\\
&-m_{001}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{300}^{(11)}+2m_{001}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(10)}-m_{001}^{(21)}m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(00)}
\end{aligned}
$$

Generating graph:

$$\begin{array}{ccccc} V1 & 1 & 1 & V1 & 1 \\ V2 & 2 & 2 & V2 & 3 \\ V3 & V3 & V4 & 4 & V4 \end{array}$$



$$\begin{aligned} T_{98} \;=\; & -m_{100}^{(00)} m_{100}^{(10)} m_{020}^{(11)} m_{003}^{(22)} + 2m_{100}^{(00)} m_{100}^{(10)} m_{020}^{(21)} m_{003}^{(21)} - m_{100}^{(00)} m_{100}^{(10)} m_{020}^{(22)} m_{003}^{(11)} \\ & +2m_{100}^{(00)} m_{100}^{(10)} m_{011}^{(11)} m_{012}^{(22)} - 4m_{100}^{(00)} m_{100}^{(10)} m_{011}^{(21)} m_{012}^{(21)} + 2m_{100}^{(00)} m_{100}^{(10)} m_{011}^{(22)} m_{012}^{(11)} \\ & -m_{100}^{(00)} m_{100}^{(10)} m_{002}^{(11)} m_{021}^{(22)} + 2m_{100}^{(00)} m_{100}^{(10)} m_{002}^{(21)} m_{021}^{(21)} - m_{100}^{(00)} m_{100}^{(10)} m_{002}^{(22)} m_{021}^{(11)} \\ & +m_{100}^{(00)} m_{100}^{(11)} m_{110}^{(11)} m_{003}^{(22)} - 2m_{100}^{(00)} m_{100}^{(11)} m_{110}^{(21)} m_{003}^{(21)} + m_{100}^{(00)} m_{100}^{(11)} m_{110}^{(22)} m_{003}^{(11)} \\ & -m_{100}^{(00)} m_{100}^{(11)} m_{101}^{(11)} m_{012}^{(22)} + 2m_{100}^{(00)} m_{100}^{(11)} m_{101}^{(21)} m_{012}^{(21)} - m_{100}^{(00)} m_{100}^{(11)} m_{101}^{(22)} m_{012}^{(11)} \\ & -m_{100}^{(00)} m_{100}^{(11)} m_{011}^{(11)} m_{102}^{(22)} + 2m_{100}^{(00)} m_{100}^{(11)} m_{011}^{(21)} m_{102}^{(21)} - m_{100}^{(00)} m_{100}^{(11)} m_{011}^{(22)} m_{102}^{(11)} \\ & +m_{100}^{(00)} m_{100}^{(11)} m_{002}^{(11)} m_{111}^{(22)} - 2m_{100}^{(00)} m_{100}^{(11)} m_{002}^{(21)} m_{111}^{(21)} + m_{100}^{(00)} m_{100}^{(11)} m_{002}^{(22)} m_{111}^{(11)} \\ & +m_{100}^{(00)} m_{100}^{(20)} m_{020}^{(11)} m_{012}^{(22)} - 2m_{100}^{(00)} m_{100}^{(20)} m_{020}^{(21)} m_{012}^{(21)} + m_{100}^{(00)} m_{100}^{(20)} m_{020}^{(22)} m_{012}^{(11)} \\ & -2m_{100}^{(00)} m_{100}^{(20)} m_{011}^{(11)} m_{021}^{(22)} + 4m_{100}^{(00)} m_{100}^{(20)} m_{011}^{(21)} m_{021}^{(21)} - 2m_{100}^{(00)} m_{100}^{(20)} m_{011}^{(22)} m_{021}^{(11)} \\ & +m_{100}^{(00)} m_{100}^{(20)} m_{002}^{(11)} m_{030}^{(22)} - 2m_{100}^{(00)} m_{100}^{(20)} m_{002}^{(21)} m_{030}^{(21)} + m_{100}^{(00)} m_{100}^{(20)} m_{002}^{(22)} m_{030}^{(11)} \\ & -2m_{100}^{(00)} m_{100}^{(21)} m_{110}^{(11)} m_{012}^{(22)} + 4m_{100}^{(00)} m_{100}^{(21)} m_{110}^{(21)} m_{012}^{(21)} - 2m_{100}^{(00)} m_{100}^{(21)} m_{110}^{(22)} m_{012}^{(11)} \\ & +2m_{100}^{(00)} m_{100}^{(21)} m_{101}^{(11)} m_{021}^{(22)} - 4m_{100}^{(00)} m_{100}^{(21)} m_{101}^{(21)} m_{021}^{(21)} + 2m_{100}^{(00)} m_{100}^{(21)} m_{101}^{(22)} m_{021}^{(11)} \\ & +m_{100}^{(00)} m_{100}^{(21)} m_{020}^{(11)} m_{102}^{(22)} - 2m_{100}^{(00)} m_{100}^{(21)} m_{020}^{(21)} m_{102}^{(21)} + m_{100}^{(00)} m_{100}^{(21)} m_{020}^{(22)} m_{102}^{(11)} \\ & -m_{100}^{(00)} m_{100}^{(21)} m_{002}^{(11)} m_{120}^{(22)} + 2m_{100}^{(00)} m_{100}^{(21)} m_{002}^{(21)} m_{120}^{(21)} - m_{100}^{(00)} m_{100}^{(21)} m_{002}^{(22)} m_{120}^{(11)} \\ & +m_{100}^{(00)} m_{100}^{(22)} m_{110}^{(11)} m_{021}^{(22)} - 2m_{100}^{(00)} m_{100}^{(22)} m_{110}^{(21)} m_{021}^{(21)} + m_{100}^{(00)} m_{100}^{(22)} m_{110}^{(22)} m_{021}^{(11)} \\ & -m_{100}^{(00)} m_{100}^{(22)} m_{101}^{(11)} m_{030}^{(22)} + 2m_{100}^{(00)} m_{100}^{(22)} m_{101}^{(21)} m_{030}^{(21)} - m_{100}^{(00)} m_{100}^{(22)} m_{101}^{(22)} m_{030}^{(11)} \\ & -m_{100}^{(00)} m_{100}^{(22)} m_{020}^{(11)} m_{111}^{(22)} + 2m_{100}^{(00)} m_{100}^{(22)} m_{020}^{(21)} m_{111}^{(21)} - m_{100}^{(00)} m_{100}^{(22)} m_{020}^{(22)} m_{111}^{(11)} \\ & +m_{100}^{(00)} m_{100}^{(22)} m_{011}^{(11)} m_{120}^{(22)} - 2m_{100}^{(00)} m_{100}^{(22)} m_{011}^{(21)} m_{120}^{(21)} + m_{100}^{(00)} m_{100}^{(22)} m_{011}^{(22)} m_{120}^{(11)} \\ & +m_{100}^{(00)} m_{010}^{(00)} m_{020}^{(11)} m_{003}^{(22)} - 2m_{100}^{(00)} m_{010}^{(00)} m_{020}^{(21)} m_{003}^{(21)} + m_{100}^{(00)} m_{010}^{(00)} m_{020}^{(22)} m_{003}^{(11)} \\ & -2m_{100}^{(00)} m_{010}^{(00)} m_{011}^{(11)} m_{012}^{(22)} + 4m_{100}^{(00)} m_{010}^{(00)} m_{011}^{(21)} m_{012}^{(21)} - 2m_{100}^{(00)} m_{010}^{(00)} m_{011}^{(22)} m_{012}^{(11)} \\ & +m_{100}^{(00)} m_{010}^{(00)} m_{002}^{(11)} m_{021}^{(22)} - 2m_{100}^{(00)} m_{010}^{(00)} m_{002}^{(21)} m_{021}^{(21)} + m_{100}^{(00)} m_{010}^{(00)} m_{002}^{(22)} m_{021}^{(11)} \end{aligned}$$

$$
\begin{aligned}
&-m_{100}^{(00)}m_{010}^{(10)}m_{110}^{(11)}m_{003}^{(22)}+2m_{100}^{(00)}m_{010}^{(10)}m_{110}^{(21)}m_{003}^{(21)}-m_{100}^{(00)}m_{010}^{(10)}m_{110}^{(22)}m_{003}^{(11)}\\
&+m_{100}^{(00)}m_{010}^{(10)}m_{101}^{(11)}m_{012}^{(22)}-2m_{100}^{(00)}m_{010}^{(10)}m_{101}^{(21)}m_{012}^{(21)}+m_{100}^{(00)}m_{010}^{(10)}m_{101}^{(22)}m_{012}^{(11)}\\
&+m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(11)}m_{102}^{(22)}-2m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{102}^{(21)}+m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(22)}m_{102}^{(11)}\\
&-m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(11)}m_{111}^{(22)}+2m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(21)}m_{111}^{(21)}-m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(22)}m_{111}^{(11)}\\
&+m_{100}^{(00)}m_{010}^{(20)}m_{110}^{(11)}m_{012}^{(22)}-2m_{100}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{012}^{(21)}+m_{100}^{(00)}m_{010}^{(20)}m_{110}^{(22)}m_{012}^{(11)}\\
&-m_{100}^{(00)}m_{010}^{(20)}m_{101}^{(11)}m_{021}^{(22)}+2m_{100}^{(00)}m_{010}^{(20)}m_{101}^{(21)}m_{021}^{(21)}-m_{100}^{(00)}m_{010}^{(20)}m_{101}^{(22)}m_{021}^{(11)}\\
&-2m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(11)}m_{102}^{(22)}+4m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(21)}m_{102}^{(21)}-2m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(22)}m_{102}^{(11)}\\
&+3m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(11)}m_{111}^{(22)}-6m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(21)}+3m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(22)}m_{111}^{(11)}\\
&-m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(11)}m_{120}^{(22)}+2m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{120}^{(21)}-m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(22)}m_{120}^{(11)}\\
&+m_{100}^{(00)}m_{010}^{(21)}m_{110}^{(11)}m_{102}^{(22)}-2m_{100}^{(00)}m_{010}^{(21)}m_{110}^{(21)}m_{102}^{(21)}+m_{100}^{(00)}m_{010}^{(21)}m_{110}^{(22)}m_{102}^{(11)}\\
&-m_{100}^{(00)}m_{010}^{(21)}m_{101}^{(11)}m_{111}^{(22)}+2m_{100}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(21)}-m_{100}^{(00)}m_{010}^{(21)}m_{101}^{(22)}m_{111}^{(11)}\\
&-m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(11)}m_{201}^{(22)}+2m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(21)}-m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{201}^{(11)}\\
&+m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(11)}m_{210}^{(22)}-2m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(21)}m_{210}^{(21)}+m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(22)}m_{210}^{(11)}\\
&-m_{100}^{(00)}m_{010}^{(22)}m_{110}^{(11)}m_{111}^{(22)}+2m_{100}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(21)}-m_{100}^{(00)}m_{010}^{(22)}m_{110}^{(22)}m_{111}^{(11)}\\
&+m_{100}^{(00)}m_{010}^{(22)}m_{101}^{(11)}m_{120}^{(22)}-2m_{100}^{(00)}m_{010}^{(22)}m_{101}^{(21)}m_{120}^{(21)}+m_{100}^{(00)}m_{010}^{(22)}m_{101}^{(22)}m_{120}^{(11)}\\
&+m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(11)}m_{201}^{(22)}-2m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(21)}m_{201}^{(21)}+m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(22)}m_{201}^{(11)}\\
&-m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(11)}m_{210}^{(22)}+2m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{210}^{(21)}-m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(22)}m_{210}^{(11)}\\
&-m_{100}^{(00)}m_{001}^{(00)}m_{020}^{(11)}m_{012}^{(22)}+2m_{100}^{(00)}m_{001}^{(00)}m_{020}^{(21)}m_{012}^{(21)}-m_{100}^{(00)}m_{001}^{(00)}m_{020}^{(22)}m_{012}^{(11)}\\
&+2m_{100}^{(00)}m_{001}^{(00)}m_{011}^{(11)}m_{021}^{(22)}-4m_{100}^{(00)}m_{001}^{(00)}m_{011}^{(21)}m_{021}^{(21)}+2m_{100}^{(00)}m_{001}^{(00)}m_{011}^{(22)}m_{021}^{(11)}\\
&-m_{100}^{(00)}m_{001}^{(00)}m_{002}^{(11)}m_{030}^{(22)}+2m_{100}^{(00)}m_{001}^{(00)}m_{002}^{(21)}m_{030}^{(21)}-m_{100}^{(00)}m_{001}^{(00)}m_{002}^{(22)}m_{030}^{(11)}\\
&+m_{100}^{(00)}m_{001}^{(10)}m_{110}^{(11)}m_{012}^{(22)}-2m_{100}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(21)}+m_{100}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{012}^{(11)}\\
&-m_{100}^{(00)}m_{001}^{(10)}m_{101}^{(11)}m_{021}^{(22)}+2m_{100}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(21)}-m_{100}^{(00)}m_{001}^{(10)}m_{101}^{(22)}m_{021}^{(11)}\\
&+m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{102}^{(22)}-2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{102}^{(21)}+m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{102}^{(11)}\\
&-3m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{111}^{(22)}+6m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(21)}-3m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{111}^{(11)}\\
&+2m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{120}^{(22)}-4m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{120}^{(21)}+2m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(22)}m_{120}^{(11)}\\
&-m_{100}^{(00)}m_{001}^{(11)}m_{110}^{(11)}m_{102}^{(22)}+2m_{100}^{(00)}m_{001}^{(11)}m_{110}^{(21)}m_{102}^{(21)}-m_{100}^{(00)}m_{001}^{(11)}m_{110}^{(22)}m_{102}^{(11)}\\
&+m_{100}^{(00)}m_{001}^{(11)}m_{101}^{(11)}m_{111}^{(22)}-2m_{100}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(21)}+m_{100}^{(00)}m_{001}^{(11)}m_{101}^{(22)}m_{111}^{(11)}\\
&+m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(11)}m_{201}^{(22)}-2m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{201}^{(21)}+m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(22)}m_{201}^{(11)}\\
&-m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(11)}m_{210}^{(22)}+2m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{210}^{(21)}-m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(22)}m_{210}^{(11)}\\
&-m_{100}^{(00)}m_{001}^{(20)}m_{110}^{(11)}m_{021}^{(22)}+2m_{100}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(21)}-m_{100}^{(00)}m_{001}^{(20)}m_{110}^{(22)}m_{021}^{(11)}\\
&+m_{100}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{030}^{(22)}-2m_{100}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{030}^{(21)}+m_{100}^{(00)}m_{001}^{(20)}m_{101}^{(22)}m_{030}^{(11)}\\
&+m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{111}^{(22)}-2m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(21)}+m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(22)}m_{111}^{(11)}\\
&-m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{120}^{(22)}+2m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(21)}-m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(22)}m_{120}^{(11)}\\
&+m_{100}^{(00)}m_{001}^{(21)}m_{110}^{(11)}m_{111}^{(22)}-2m_{100}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(21)}+m_{100}^{(00)}m_{001}^{(21)}m_{110}^{(22)}m_{111}^{(11)}\\
&-m_{100}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{120}^{(22)}+2m_{100}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(21)}-m_{100}^{(00)}m_{001}^{(21)}m_{101}^{(22)}m_{120}^{(11)}\\
&-m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(11)}m_{201}^{(22)}+2m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{201}^{(21)}-m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{201}^{(11)}\\
&+m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{210}^{(22)}-2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(21)}+m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(22)}m_{210}^{(11)}\\
&+(m_{100}^{(10)})^2m_{110}^{(11)}m_{003}^{(22)}-2(m_{100}^{(10)})^2m_{110}^{(21)}m_{003}^{(21)}+(m_{100}^{(10)})^2m_{110}^{(22)}m_{003}^{(11)}
\end{aligned}
$$

$$
\begin{aligned}
&-(m_{100}^{(10)})^2 m_{101}^{(11)} m_{012}^{(22)} + 2(m_{100}^{(10)})^2 m_{101}^{(21)} m_{012}^{(21)} - (m_{100}^{(10)})^2 m_{101}^{(22)} m_{012}^{(11)} \\
&+(m_{100}^{(10)})^2 m_{020}^{(10)} m_{003}^{(22)} - (m_{100}^{(10)})^2 m_{020}^{(20)} m_{003}^{(21)} - (m_{100}^{(10)})^2 m_{020}^{(21)} m_{003}^{(20)} \\
&+(m_{100}^{(10)})^2 m_{020}^{(22)} m_{003}^{(10)} - 2(m_{100}^{(10)})^2 m_{011}^{(10)} m_{012}^{(22)} - (m_{100}^{(10)})^2 m_{011}^{(11)} m_{102}^{(22)} \\
&+2(m_{100}^{(10)})^2 m_{011}^{(20)} m_{012}^{(21)} + 2(m_{100}^{(10)})^2 m_{011}^{(21)} m_{102}^{(21)} + 2(m_{100}^{(10)})^2 m_{011}^{(21)} m_{012}^{(20)} \\
&-(m_{100}^{(10)})^2 m_{011}^{(22)} m_{102}^{(11)} - 2(m_{100}^{(10)})^2 m_{011}^{(22)} m_{012}^{(10)} + (m_{100}^{(10)})^2 m_{002}^{(10)} m_{021}^{(22)} \\
&+(m_{100}^{(10)})^2 m_{002}^{(11)} m_{111}^{(22)} - (m_{100}^{(10)})^2 m_{002}^{(20)} m_{021}^{(21)} - 2(m_{100}^{(10)})^2 m_{002}^{(21)} m_{111}^{(21)} \\
&-(m_{100}^{(10)})^2 m_{002}^{(21)} m_{021}^{(20)} + (m_{100}^{(10)})^2 m_{002}^{(22)} m_{111}^{(11)} + (m_{100}^{(10)})^2 m_{002}^{(22)} m_{021}^{(10)} \\
&-m_{100}^{(10)} m_{100}^{(11)} m_{200}^{(11)} m_{003}^{(22)} + 2m_{100}^{(10)} m_{100}^{(11)} m_{200}^{(21)} m_{003}^{(21)} - m_{100}^{(10)} m_{100}^{(11)} m_{200}^{(22)} m_{003}^{(11)} \\
&-2m_{100}^{(10)} m_{100}^{(11)} m_{110}^{(10)} m_{003}^{(22)} + 2m_{100}^{(10)} m_{100}^{(11)} m_{110}^{(20)} m_{003}^{(21)} + 2m_{100}^{(10)} m_{100}^{(11)} m_{110}^{(21)} m_{003}^{(20)} \\
&-2m_{100}^{(10)} m_{100}^{(11)} m_{110}^{(22)} m_{003}^{(10)} + 2m_{100}^{(10)} m_{100}^{(11)} m_{101}^{(10)} m_{012}^{(22)} + 2m_{100}^{(10)} m_{100}^{(11)} m_{101}^{(11)} m_{102}^{(22)} \\
&-2m_{100}^{(10)} m_{100}^{(11)} m_{101}^{(20)} m_{012}^{(21)} - 4m_{100}^{(10)} m_{100}^{(11)} m_{101}^{(21)} m_{102}^{(21)} - 2m_{100}^{(10)} m_{100}^{(11)} m_{101}^{(21)} m_{012}^{(20)} \\
&+2m_{100}^{(10)} m_{100}^{(11)} m_{101}^{(22)} m_{102}^{(11)} + 2m_{100}^{(10)} m_{100}^{(11)} m_{101}^{(22)} m_{012}^{(10)} + 2m_{100}^{(10)} m_{100}^{(11)} m_{011}^{(10)} m_{102}^{(22)} \\
&-2m_{100}^{(10)} m_{100}^{(11)} m_{011}^{(20)} m_{102}^{(21)} - 2m_{100}^{(10)} m_{100}^{(11)} m_{011}^{(21)} m_{102}^{(20)} + 2m_{100}^{(10)} m_{100}^{(11)} m_{011}^{(22)} m_{102}^{(10)} \\
&-2m_{100}^{(10)} m_{100}^{(11)} m_{002}^{(10)} m_{111}^{(22)} - m_{100}^{(10)} m_{100}^{(11)} m_{002}^{(11)} m_{201}^{(22)} + 2m_{100}^{(10)} m_{100}^{(11)} m_{002}^{(20)} m_{111}^{(21)} \\
&+2m_{100}^{(10)} m_{100}^{(11)} m_{002}^{(21)} m_{201}^{(21)} + 2m_{100}^{(10)} m_{100}^{(11)} m_{002}^{(21)} m_{111}^{(20)} - m_{100}^{(10)} m_{100}^{(11)} m_{002}^{(22)} m_{201}^{(11)} \\
&-2m_{100}^{(10)} m_{100}^{(11)} m_{002}^{(22)} m_{111}^{(10)} - 2m_{100}^{(10)} m_{100}^{(20)} m_{110}^{(11)} m_{012}^{(22)} + 4m_{100}^{(10)} m_{100}^{(20)} m_{110}^{(21)} m_{012}^{(21)} \\
&-2m_{100}^{(10)} m_{100}^{(20)} m_{110}^{(22)} m_{012}^{(11)} + 2m_{100}^{(10)} m_{100}^{(20)} m_{101}^{(11)} m_{021}^{(22)} - 4m_{100}^{(10)} m_{100}^{(20)} m_{101}^{(21)} m_{021}^{(21)} \\
&+2m_{100}^{(10)} m_{100}^{(20)} m_{101}^{(22)} m_{021}^{(11)} - m_{100}^{(10)} m_{100}^{(20)} m_{020}^{(10)} m_{012}^{(22)} - m_{100}^{(10)} m_{100}^{(20)} m_{020}^{(10)} m_{003}^{(21)} \\
&+m_{100}^{(10)} m_{100}^{(20)} m_{020}^{(11)} m_{102}^{(22)} + m_{100}^{(10)} m_{100}^{(20)} m_{020}^{(11)} m_{003}^{(20)} + m_{100}^{(10)} m_{100}^{(20)} m_{020}^{(20)} m_{012}^{(21)} \\
&+m_{100}^{(10)} m_{100}^{(20)} m_{020}^{(20)} m_{003}^{(11)} - 2m_{100}^{(10)} m_{100}^{(20)} m_{020}^{(21)} m_{102}^{(21)} + m_{100}^{(10)} m_{100}^{(20)} m_{020}^{(21)} m_{012}^{(20)} \\
&-m_{100}^{(10)} m_{100}^{(20)} m_{020}^{(21)} m_{003}^{(10)} + m_{100}^{(10)} m_{100}^{(20)} m_{020}^{(22)} m_{102}^{(11)} - m_{100}^{(10)} m_{100}^{(20)} m_{020}^{(22)} m_{012}^{(10)} \\
&+2m_{100}^{(10)} m_{100}^{(20)} m_{011}^{(10)} m_{021}^{(22)} + 2m_{100}^{(10)} m_{100}^{(20)} m_{011}^{(10)} m_{012}^{(21)} - 2m_{100}^{(10)} m_{100}^{(20)} m_{011}^{(11)} m_{012}^{(20)} \\
&-2m_{100}^{(10)} m_{100}^{(20)} m_{011}^{(20)} m_{021}^{(21)} - 2m_{100}^{(10)} m_{100}^{(20)} m_{011}^{(20)} m_{012}^{(11)} - 2m_{100}^{(10)} m_{100}^{(20)} m_{011}^{(21)} m_{021}^{(20)} \\
&+2m_{100}^{(10)} m_{100}^{(20)} m_{011}^{(21)} m_{012}^{(10)} + 2m_{100}^{(10)} m_{100}^{(20)} m_{011}^{(22)} m_{021}^{(10)} - m_{100}^{(10)} m_{100}^{(20)} m_{002}^{(10)} m_{030}^{(22)} \\
&-m_{100}^{(10)} m_{100}^{(20)} m_{002}^{(10)} m_{021}^{(21)} - m_{100}^{(10)} m_{100}^{(20)} m_{002}^{(11)} m_{120}^{(22)} + m_{100}^{(10)} m_{100}^{(20)} m_{002}^{(11)} m_{021}^{(20)} \\
&+m_{100}^{(10)} m_{100}^{(20)} m_{002}^{(20)} m_{030}^{(21)} + m_{100}^{(10)} m_{100}^{(20)} m_{002}^{(20)} m_{021}^{(11)} + 2m_{100}^{(10)} m_{100}^{(20)} m_{002}^{(21)} m_{120}^{(21)} \\
&+m_{100}^{(10)} m_{100}^{(20)} m_{002}^{(21)} m_{030}^{(20)} - m_{100}^{(10)} m_{100}^{(20)} m_{002}^{(21)} m_{021}^{(10)} - m_{100}^{(10)} m_{100}^{(20)} m_{002}^{(22)} m_{120}^{(11)} \\
&-m_{100}^{(10)} m_{100}^{(20)} m_{002}^{(22)} m_{030}^{(10)} + 2m_{100}^{(10)} m_{100}^{(21)} m_{200}^{(11)} m_{012}^{(22)} - 4m_{100}^{(10)} m_{100}^{(21)} m_{200}^{(21)} m_{012}^{(21)} \\
&+2m_{100}^{(10)} m_{100}^{(21)} m_{200}^{(22)} m_{012}^{(11)} + 3m_{100}^{(10)} m_{100}^{(21)} m_{110}^{(10)} m_{012}^{(22)} + m_{100}^{(10)} m_{100}^{(21)} m_{110}^{(10)} m_{003}^{(21)} \\
&-m_{100}^{(10)} m_{100}^{(21)} m_{110}^{(11)} m_{102}^{(22)} - m_{100}^{(10)} m_{100}^{(21)} m_{110}^{(11)} m_{003}^{(20)} - 3m_{100}^{(10)} m_{100}^{(21)} m_{110}^{(20)} m_{012}^{(21)} \\
&-m_{100}^{(10)} m_{100}^{(21)} m_{110}^{(20)} m_{003}^{(11)} + 2m_{100}^{(10)} m_{100}^{(21)} m_{110}^{(21)} m_{102}^{(21)} - 3m_{100}^{(10)} m_{100}^{(21)} m_{110}^{(21)} m_{012}^{(20)} \\
&+m_{100}^{(10)} m_{100}^{(21)} m_{110}^{(21)} m_{003}^{(10)} - m_{100}^{(10)} m_{100}^{(21)} m_{110}^{(22)} m_{102}^{(11)} + 3m_{100}^{(10)} m_{100}^{(21)} m_{110}^{(22)} m_{012}^{(10)} \\
&-3m_{100}^{(10)} m_{100}^{(21)} m_{101}^{(10)} m_{021}^{(22)} - m_{100}^{(10)} m_{100}^{(21)} m_{101}^{(10)} m_{012}^{(21)} - 3m_{100}^{(10)} m_{100}^{(21)} m_{101}^{(11)} m_{111}^{(22)} \\
&+m_{100}^{(10)} m_{100}^{(21)} m_{101}^{(11)} m_{012}^{(20)} + 3m_{100}^{(10)} m_{100}^{(21)} m_{101}^{(20)} m_{021}^{(21)} + m_{100}^{(10)} m_{100}^{(21)} m_{101}^{(20)} m_{012}^{(11)} \\
&+6m_{100}^{(10)} m_{100}^{(21)} m_{101}^{(21)} m_{111}^{(21)} + 3m_{100}^{(10)} m_{100}^{(21)} m_{101}^{(21)} m_{021}^{(20)} - m_{100}^{(10)} m_{100}^{(21)} m_{101}^{(21)} m_{012}^{(10)} \\
&-3m_{100}^{(10)} m_{100}^{(21)} m_{101}^{(22)} m_{111}^{(11)} - 3m_{100}^{(10)} m_{100}^{(21)} m_{101}^{(22)} m_{021}^{(10)} - 2m_{100}^{(10)} m_{100}^{(21)} m_{020}^{(10)} m_{102}^{(22)} \\
&+2m_{100}^{(10)} m_{100}^{(21)} m_{020}^{(20)} m_{102}^{(21)} + 2m_{100}^{(10)} m_{100}^{(21)} m_{020}^{(21)} m_{102}^{(20)} - 2m_{100}^{(10)} m_{100}^{(21)} m_{020}^{(22)} m_{102}^{(10)} \\
&+m_{100}^{(10)} m_{100}^{(21)} m_{011}^{(10)} m_{111}^{(22)} - m_{100}^{(10)} m_{100}^{(21)} m_{011}^{(10)} m_{102}^{(21)} + m_{100}^{(10)} m_{100}^{(21)} m_{011}^{(11)} m_{201}^{(22)}
\end{aligned}
$$

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\begin{aligned}
&+m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(11)}m_{102}^{(20)} - m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{111}^{(21)} + m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{102}^{(11)}\\
&-2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{201}^{(21)} - m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{111}^{(20)} - m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{102}^{(10)}\\
&+m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(22)}m_{201}^{(11)} + m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(22)}m_{111}^{(10)} + m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{120}^{(22)}\\
&+m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{111}^{(21)} + m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(11)}m_{210}^{(22)} - m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(11)}m_{111}^{(20)}\\
&-m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(20)}m_{120}^{(21)} - m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(20)}m_{111}^{(11)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(21)}m_{210}^{(21)}\\
&-m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(21)}m_{120}^{(20)} + m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(21)}m_{111}^{(10)} + m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(22)}m_{210}^{(11)}\\
&+m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(22)}m_{120}^{(10)} - m_{100}^{(10)}m_{100}^{(22)}m_{200}^{(11)}m_{021}^{(22)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{200}^{(21)}m_{021}^{(21)}\\
&-m_{100}^{(10)}m_{100}^{(22)}m_{200}^{(22)}m_{021}^{(11)} - m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(10)}m_{021}^{(22)} - m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(10)}m_{012}^{(21)}\\
&+m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(11)}m_{111}^{(22)} + m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(11)}m_{012}^{(20)} + m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(20)}m_{021}^{(21)}\\
&+m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(20)}m_{012}^{(11)} - 2m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{111}^{(21)} + m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{021}^{(20)}\\
&-m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{012}^{(10)} + m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(22)}m_{111}^{(11)} - m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(22)}m_{021}^{(10)}\\
&+m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(10)}m_{030}^{(22)} + m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(10)}m_{021}^{(21)} + m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(11)}m_{120}^{(22)}\\
&-m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(11)}m_{021}^{(20)} - m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(20)}m_{030}^{(21)} - m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(20)}m_{021}^{(11)}\\
&-2m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(21)}m_{120}^{(21)} - m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(21)}m_{030}^{(20)} + m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(21)}m_{021}^{(10)}\\
&+m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(22)}m_{120}^{(11)} + m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(22)}m_{030}^{(10)} + m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(10)}m_{111}^{(22)}\\
&+m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(10)}m_{102}^{(21)} - m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(11)}m_{102}^{(20)} - m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(20)}m_{111}^{(21)}\\
&-m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(20)}m_{102}^{(11)} - m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(21)}m_{111}^{(20)} + m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(21)}m_{102}^{(10)}\\
&+m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(22)}m_{111}^{(10)} - m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(10)}m_{120}^{(22)} - m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(10)}m_{111}^{(21)}\\
&-m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(11)}m_{210}^{(22)} + m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(11)}m_{111}^{(20)} + m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(20)}m_{120}^{(21)}\\
&+m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(20)}m_{111}^{(11)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(21)}m_{210}^{(21)} + m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(21)}m_{120}^{(20)}\\
&-m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(21)}m_{111}^{(10)} - m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(22)}m_{210}^{(11)} - m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(22)}m_{120}^{(10)}\\
&-m_{100}^{(10)}m_{010}^{(00)}m_{110}^{(11)}m_{003}^{(22)} + 2m_{100}^{(10)}m_{010}^{(00)}m_{110}^{(21)}m_{003}^{(21)} - m_{100}^{(10)}m_{010}^{(00)}m_{110}^{(22)}m_{003}^{(11)}\\
&+m_{100}^{(10)}m_{010}^{(00)}m_{101}^{(11)}m_{012}^{(22)} - 2m_{100}^{(10)}m_{010}^{(00)}m_{101}^{(21)}m_{012}^{(21)} + m_{100}^{(10)}m_{010}^{(00)}m_{101}^{(22)}m_{012}^{(11)}\\
&+m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(11)}m_{102}^{(22)} - 2m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{102}^{(21)} + m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(22)}m_{102}^{(11)}\\
&-m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(11)}m_{111}^{(22)} + 2m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(21)}m_{111}^{(21)} - m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(22)}m_{111}^{(11)}\\
&+m_{100}^{(10)}m_{010}^{(10)}m_{200}^{(11)}m_{003}^{(22)} - 2m_{100}^{(10)}m_{010}^{(10)}m_{200}^{(21)}m_{003}^{(21)} + m_{100}^{(10)}m_{010}^{(10)}m_{200}^{(22)}m_{003}^{(11)}\\
&-2m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(11)}m_{102}^{(22)} + 4m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(21)}m_{102}^{(21)} - 2m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{102}^{(11)}\\
&-m_{100}^{(10)}m_{010}^{(10)}m_{020}^{(00)}m_{003}^{(22)} + 2m_{100}^{(10)}m_{010}^{(10)}m_{020}^{(20)}m_{003}^{(20)} - m_{100}^{(10)}m_{010}^{(10)}m_{020}^{(22)}m_{003}^{(00)}\\
&+2m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(00)}m_{012}^{(22)} - 4m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(20)}m_{012}^{(20)} + 2m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(22)}m_{012}^{(00)}\\
&-m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(00)}m_{021}^{(22)} + m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(11)}m_{201}^{(22)} + 2m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(20)}m_{021}^{(20)}\\
&-2m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(21)}m_{201}^{(21)} + m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(22)}m_{201}^{(11)} - m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(22)}m_{021}^{(00)}\\
&+m_{100}^{(10)}m_{010}^{(11)}m_{110}^{(00)}m_{003}^{(22)} - 2m_{100}^{(10)}m_{010}^{(11)}m_{110}^{(20)}m_{003}^{(20)} + m_{100}^{(10)}m_{010}^{(11)}m_{110}^{(22)}m_{003}^{(00)}\\
&-m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(00)}m_{012}^{(22)} + 2m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{012}^{(20)} - m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(22)}m_{012}^{(00)}\\
&-m_{100}^{(10)}m_{010}^{(11)}m_{011}^{(00)}m_{102}^{(22)} + 2m_{100}^{(10)}m_{010}^{(11)}m_{011}^{(20)}m_{102}^{(20)} - m_{100}^{(10)}m_{010}^{(11)}m_{011}^{(22)}m_{102}^{(00)}\\
&+m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(00)}m_{111}^{(22)} - 2m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(20)}m_{111}^{(20)} + m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(22)}m_{111}^{(00)}\\
&-m_{100}^{(10)}m_{010}^{(20)}m_{200}^{(11)}m_{012}^{(22)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{012}^{(21)} - m_{100}^{(10)}m_{010}^{(20)}m_{200}^{(22)}m_{012}^{(11)}\\
&+2m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(11)}m_{102}^{(22)} - 4m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{102}^{(21)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{102}^{(11)}\\
&+m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(00)}m_{003}^{(21)} + m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(10)}m_{102}^{(22)} - m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(10)}m_{003}^{(20)}
\end{aligned}
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\begin{aligned}
&-m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(20)}m_{102}^{(21)} - m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(20)}m_{003}^{(10)} - m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(21)}m_{102}^{(20)}\\
&+m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(21)}m_{003}^{(00)} + m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(22)}m_{102}^{(10)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(00)}m_{012}^{(21)}\\
&-2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(22)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{012}^{(20)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(11)}m_{201}^{(22)}\\
&+2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(21)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{012}^{(10)} + 4m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{201}^{(21)}\\
&+2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(20)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{012}^{(00)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{201}^{(11)}\\
&-2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{111}^{(10)} + m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(00)}m_{021}^{(21)} + m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{120}^{(22)}\\
&-m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{021}^{(20)} + m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(11)}m_{210}^{(22)} - m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{120}^{(21)}\\
&-m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{021}^{(10)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{210}^{(21)} - m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{120}^{(20)}\\
&+m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{021}^{(00)} + m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(22)}m_{210}^{(11)} + m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(22)}m_{120}^{(10)}\\
&-m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(11)}m_{102}^{(22)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{102}^{(21)} - m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{102}^{(11)}\\
&-m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(00)}m_{012}^{(22)} - m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(00)}m_{003}^{(21)} - m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(10)}m_{102}^{(22)}\\
&+m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(10)}m_{003}^{(20)} + m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(21)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{012}^{(20)}\\
&+m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{003}^{(10)} + m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(21)}m_{102}^{(20)} - m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{003}^{(00)}\\
&-m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{102}^{(10)} - m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{012}^{(00)} + m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(00)}m_{021}^{(22)}\\
&+m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(00)}m_{012}^{(21)} + m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(22)} - m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{012}^{(20)}\\
&+2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(11)}m_{201}^{(22)} - m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(21)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{021}^{(20)}\\
&-m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{012}^{(10)} - 4m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{201}^{(21)} - m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(20)}\\
&+m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{012}^{(00)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{201}^{(11)} + m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{111}^{(10)}\\
&+m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{021}^{(00)} + m_{100}^{(10)}m_{010}^{(21)}m_{020}^{(00)}m_{102}^{(22)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{020}^{(20)}m_{102}^{(20)}\\
&+m_{100}^{(10)}m_{010}^{(21)}m_{020}^{(22)}m_{102}^{(00)} - m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(00)}m_{111}^{(22)} + m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(00)}m_{102}^{(21)}\\
&+m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(22)} - m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(10)}m_{102}^{(20)} - m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(21)}\\
&+2m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{111}^{(20)} - m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{102}^{(10)} - m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(20)}\\
&+m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(21)}m_{102}^{(00)} + m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(22)}m_{201}^{(10)} - m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(22)}m_{111}^{(00)}\\
&-m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(00)}m_{111}^{(21)} - m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{210}^{(22)} + m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{111}^{(20)}\\
&-m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(11)}m_{300}^{(22)} + m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{210}^{(21)} + m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{111}^{(10)}\\
&+2m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{300}^{(21)} + m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{210}^{(20)} - m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{111}^{(00)}\\
&-m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(22)}m_{300}^{(11)} - m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(22)}m_{210}^{(10)} + m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(11)}m_{111}^{(22)}\\
&-2m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(21)} + m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(22)}m_{111}^{(11)} + m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(00)}m_{012}^{(21)}\\
&+m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(22)} - m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{012}^{(20)} - m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(11)}m_{201}^{(22)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(21)} - m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{012}^{(10)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(21)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(20)} + m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{012}^{(00)} - m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(22)}m_{201}^{(11)}\\
&+m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(22)}m_{111}^{(10)} - m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(00)}m_{021}^{(21)} - m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{120}^{(22)}\\
&+m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{021}^{(20)} - m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(11)}m_{210}^{(22)} + m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(21)}\\
&+m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{021}^{(10)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(21)} + m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{120}^{(20)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{021}^{(00)} - m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(22)}m_{210}^{(11)} - m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(22)}m_{120}^{(10)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(00)}m_{102}^{(21)} - m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(10)}m_{201}^{(22)} + m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(10)}m_{102}^{(20)}\\
&+m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(20)}m_{201}^{(21)} + m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(20)}m_{102}^{(10)} + m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(21)}m_{201}^{(20)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(21)}m_{102}^{(00)} - m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(22)}m_{201}^{(10)} + m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{111}^{(21)}
\end{aligned}
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\begin{aligned}
&+m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{210}^{(22)} - m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{111}^{(20)} + m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(11)}m_{300}^{(22)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(21)} - m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{111}^{(10)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(21)}m_{300}^{(21)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(21)}m_{210}^{(20)} + m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(21)}m_{111}^{(00)} + m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(22)}m_{300}^{(11)}\\
&+m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(22)}m_{210}^{(10)} + m_{100}^{(10)}m_{001}^{(00)}m_{110}^{(11)}m_{012}^{(22)} - 2m_{100}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(21)}\\
&+m_{100}^{(10)}m_{001}^{(00)}m_{110}^{(22)}m_{012}^{(11)} - m_{100}^{(10)}m_{001}^{(00)}m_{101}^{(11)}m_{021}^{(22)} + 2m_{100}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(00)}m_{101}^{(22)}m_{021}^{(11)} + m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(10)}m_{012}^{(22)} - m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(10)}m_{003}^{(21)}\\
&+m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(11)}m_{003}^{(20)} - m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(20)}m_{012}^{(21)} + m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(20)}m_{003}^{(11)}\\
&-m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(21)}m_{012}^{(20)} - m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(21)}m_{003}^{(10)} + m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(22)}m_{012}^{(10)}\\
&-2m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{021}^{(22)} + 2m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(21)} - m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(11)}m_{111}^{(22)}\\
&-2m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(11)}m_{012}^{(20)} + 2m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(21)} - 2m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{012}^{(11)}\\
&+2m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(21)} + 2m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{021}^{(20)} + 2m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{012}^{(10)}\\
&-m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(22)}m_{111}^{(11)} - 2m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(22)}m_{021}^{(10)} + m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{030}^{(22)}\\
&-m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{021}^{(21)} + m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(11)}m_{120}^{(22)} + m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(11)}m_{021}^{(20)}\\
&-m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(20)}m_{030}^{(21)} + m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(20)}m_{021}^{(11)} - 2m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{120}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{030}^{(20)} - m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{021}^{(10)} + m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(22)}m_{120}^{(11)}\\
&+m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(22)}m_{030}^{(10)} - m_{100}^{(10)}m_{001}^{(10)}m_{200}^{(11)}m_{012}^{(22)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(10)}m_{200}^{(22)}m_{012}^{(11)} - m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(22)} + m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(10)}m_{003}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(11)}m_{102}^{(22)} - m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(11)}m_{003}^{(20)} + m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{003}^{(11)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(21)} + m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(20)}\\
&+m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{003}^{(10)} - m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{102}^{(11)} - m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{012}^{(10)}\\
&+m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(22)} - m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(21)} + 3m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(22)}\\
&+m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{012}^{(20)} - m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(21)} + m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{012}^{(11)}\\
&-6m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(21)} - m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(20)} - m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{012}^{(10)}\\
&+3m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{111}^{(11)} + m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{021}^{(10)} + m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(00)}m_{003}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(22)} - m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(10)}m_{003}^{(20)} + m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{003}^{(10)} + m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(21)}m_{102}^{(20)} + m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(21)}m_{003}^{(00)}\\
&-m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(22)}m_{102}^{(10)} - 2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{012}^{(21)} + 3m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(22)}\\
&-m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(21)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{012}^{(20)} + m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(11)}m_{201}^{(22)}\\
&+m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(11)}m_{102}^{(20)} - 3m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(21)} + m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{102}^{(11)}\\
&+2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{012}^{(10)} - 2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(21)} - 3m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(20)}\\
&-m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{102}^{(10)} - 2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{012}^{(00)} + m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{201}^{(11)}\\
&+3m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{111}^{(10)} + m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(00)}m_{021}^{(21)} - 2m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{120}^{(22)}\\
&+m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(21)} - m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{021}^{(20)} - 2m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(11)}m_{210}^{(22)}\\
&-m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(11)}m_{111}^{(20)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(21)} - m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{111}^{(11)}\\
&-m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{021}^{(10)} + 4m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{210}^{(21)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{120}^{(20)}\\
&+m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{111}^{(10)} + m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{021}^{(00)} - 2m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(22)}m_{210}^{(11)}\\
&-2m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(22)}m_{120}^{(10)} + m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(11)}m_{102}^{(22)} - 2m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(21)}\\
&+m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{102}^{(11)} - m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(00)}m_{003}^{(21)} + m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(22)}
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\begin{aligned}
&+m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(10)}m_{003}^{(20)} - m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(21)} + m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{003}^{(10)}\\
&-m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(21)}m_{102}^{(20)} - m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(21)}m_{003}^{(00)} + m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{102}^{(10)}\\
&+m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{012}^{(21)} - m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(22)} - m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{012}^{(20)}\\
&-2m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(11)}m_{201}^{(22)} + m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(21)} - m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{012}^{(10)}\\
&+4m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(21)} + m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(20)} + m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{012}^{(00)}\\
&-2m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{201}^{(11)} - m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{111}^{(10)} + m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{102}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(22)} - m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(10)}m_{102}^{(20)} + m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{102}^{(10)} + m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(21)}m_{201}^{(20)} + m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(21)}m_{102}^{(00)}\\
&-m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(22)}m_{201}^{(10)} - m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(00)}m_{111}^{(21)} + m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{210}^{(22)}\\
&+m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{111}^{(20)} + m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(11)}m_{300}^{(22)} - m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(21)}\\
&+m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{111}^{(10)} - 2m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(21)}m_{300}^{(21)} - m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(21)}m_{210}^{(20)}\\
&-m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(21)}m_{111}^{(00)} + m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(22)}m_{300}^{(11)} + m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(22)}m_{210}^{(10)}\\
&+m_{100}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(22)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(21)} + m_{100}^{(10)}m_{001}^{(20)}m_{200}^{(22)}m_{021}^{(11)}\\
&+m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(22)} - m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(21)} - m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(22)}\\
&+m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{012}^{(20)} - m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(21)} + m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{012}^{(11)}\\
&+2m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(21)} - m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(20)} - m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{012}^{(10)}\\
&-m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{111}^{(11)} + m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{021}^{(10)} - m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(22)}\\
&+m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(21)} - m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(22)} - m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{021}^{(20)}\\
&+m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(21)} - m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{021}^{(11)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(21)}\\
&+m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{030}^{(20)} + m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{021}^{(10)} - m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(22)}m_{120}^{(11)}\\
&-m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(22)}m_{030}^{(10)} - m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{003}^{(11)} - m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(22)}\\
&+m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(21)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{003}^{(10)} - m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(11)}m_{102}^{(20)}\\
&-m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(11)}m_{003}^{(00)} + m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(21)} - m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{102}^{(11)}\\
&+m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(20)} + m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{102}^{(10)} - m_{100}^{(10)}m_{001}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{111}^{(11)}\\
&+2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{012}^{(11)} + m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(22)} - m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(21)}\\
&-4m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{012}^{(10)} + m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(22)} + m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{111}^{(20)}\\
&+2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{012}^{(00)} - m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(21)} + m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{111}^{(11)}\\
&-2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(21)} - m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(20)} - m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{111}^{(10)}\\
&+m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(22)}m_{210}^{(11)} + m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(22)}m_{120}^{(10)} - m_{100}^{(10)}m_{001}^{(20)}m_{001}^{(00)}m_{002}^{(11)}m_{021}^{(11)}\\
&+2m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{021}^{(10)} - m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(11)}m_{021}^{(00)} - m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(22)}\\
&+2m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(21)} - m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(22)}m_{111}^{(11)} + m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{012}^{(21)}\\
&+m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{003}^{(11)} - m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(22)} - m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{012}^{(20)}\\
&-2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{003}^{(10)} + m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(22)} + m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(11)}m_{003}^{(00)}\\
&+m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(21)} - m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{012}^{(10)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(21)}\\
&+m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(20)} + m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{012}^{(00)} + m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{201}^{(11)}\\
&-m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{111}^{(10)} - m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{021}^{(21)} - m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{012}^{(11)}\\
&+m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(22)} + m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(20)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{012}^{(10)}\\
&+m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(22)} - m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{012}^{(00)} - m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(21)}
\end{aligned}
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$$+m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{021}^{(10)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(21)} - m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(20)}$$
$$-m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{021}^{(00)} + m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(22)}m_{210}^{(11)} + m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(22)}m_{120}^{(10)}$$
$$-m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{102}^{(21)} + m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(22)} + m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(10)}m_{102}^{(20)}$$
$$-m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(21)} + m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{102}^{(10)} - m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(21)}m_{201}^{(20)}$$
$$-m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(21)}m_{102}^{(00)} + m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(22)}m_{201}^{(10)} + m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(21)}$$
$$-m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{102}^{(11)} - m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(22)} - m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(20)}$$
$$+2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{102}^{(10)} - m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(11)}m_{300}^{(22)} - m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(11)}m_{102}^{(00)}$$
$$+m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(21)} - m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{111}^{(10)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(21)}$$
$$+m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(20)} + m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{111}^{(00)} - m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(22)}m_{300}^{(11)}$$
$$-m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(22)}m_{210}^{(10)} + m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(00)}m_{111}^{(11)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{111}^{(10)}$$
$$+m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(11)}m_{111}^{(00)} - m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{012}^{(11)} + 2m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{012}^{(10)}$$
$$-m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{012}^{(00)} + m_{100}^{(10)}m_{001}^{(22)}m_{101}^{(00)}m_{021}^{(11)} - 2m_{100}^{(10)}m_{001}^{(22)}m_{101}^{(10)}m_{021}^{(10)}$$
$$+m_{100}^{(10)}m_{001}^{(22)}m_{101}^{(11)}m_{021}^{(00)} + m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{102}^{(11)} - 2m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{102}^{(10)}$$
$$+m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(11)}m_{102}^{(00)} - m_{100}^{(10)}m_{001}^{(22)}m_{011}^{(00)}m_{111}^{(11)} + 2m_{100}^{(10)}m_{001}^{(22)}m_{011}^{(10)}m_{111}^{(10)}$$
$$-m_{100}^{(10)}m_{001}^{(22)}m_{011}^{(11)}m_{111}^{(00)} + (m_{100}^{(11)})^2m_{200}^{(10)}m_{003}^{(22)} - (m_{100}^{(11)})^2m_{200}^{(20)}m_{003}^{(21)}$$
$$-(m_{100}^{(11)})^2m_{200}^{(21)}m_{003}^{(20)} + (m_{100}^{(11)})^2m_{200}^{(22)}m_{003}^{(10)} - 2(m_{100}^{(11)})^2m_{101}^{(10)}m_{102}^{(22)}$$
$$+2(m_{100}^{(11)})^2m_{101}^{(20)}m_{102}^{(21)} + 2(m_{100}^{(11)})^2m_{101}^{(21)}m_{102}^{(20)} - 2(m_{100}^{(11)})^2m_{101}^{(22)}m_{102}^{(10)}$$
$$+(m_{100}^{(11)})^2m_{002}^{(10)}m_{201}^{(22)} - (m_{100}^{(11)})^2m_{002}^{(20)}m_{201}^{(21)} - (m_{100}^{(11)})^2m_{002}^{(21)}m_{201}^{(20)}$$
$$+(m_{100}^{(11)})^2m_{002}^{(22)}m_{201}^{(10)} + m_{100}^{(11)}m_{100}^{(20)}m_{200}^{(11)}m_{012}^{(22)} - 2m_{100}^{(11)}m_{100}^{(20)}m_{200}^{(21)}m_{012}^{(21)}$$
$$+m_{100}^{(11)}m_{100}^{(20)}m_{200}^{(22)}m_{012}^{(11)} + m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(10)}m_{012}^{(22)} + m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(10)}m_{003}^{(21)}$$
$$-m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(11)}m_{102}^{(22)} - m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(11)}m_{003}^{(20)} - m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(20)}m_{012}^{(21)}$$
$$-m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(20)}m_{003}^{(11)} + 2m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(21)}m_{102}^{(21)} - m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(21)}m_{012}^{(20)}$$
$$+m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(21)}m_{003}^{(10)} - m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(22)}m_{102}^{(11)} + m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(22)}m_{012}^{(10)}$$
$$-m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(10)}m_{021}^{(22)} - m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(10)}m_{012}^{(21)} - m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(11)}m_{111}^{(22)}$$
$$+m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(11)}m_{012}^{(20)} + m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(20)}m_{021}^{(21)} + m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(20)}m_{012}^{(11)}$$
$$+2m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(21)}m_{111}^{(21)} + m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(21)}m_{021}^{(20)} - m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(21)}m_{012}^{(10)}$$
$$-m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(22)}m_{111}^{(11)} - m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(22)}m_{021}^{(10)} - m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(10)}m_{111}^{(22)}$$
$$-m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(10)}m_{102}^{(21)} + m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(11)}m_{201}^{(22)} + m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(11)}m_{102}^{(20)}$$
$$+m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{111}^{(21)} + m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{102}^{(11)} - 2m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(21)}m_{201}^{(21)}$$
$$+m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(21)}m_{102}^{(20)} - m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(21)}m_{102}^{(10)} + m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(22)}m_{201}^{(11)}$$
$$-m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(22)}m_{111}^{(10)} + m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(10)}m_{120}^{(22)} + m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(10)}m_{111}^{(21)}$$
$$-m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(11)}m_{111}^{(20)} - m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(20)}m_{120}^{(21)} - m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(20)}m_{111}^{(11)}$$
$$-m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(21)}m_{120}^{(20)} + m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(21)}m_{111}^{(10)} + m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(22)}m_{120}^{(10)}$$
$$-3m_{100}^{(11)}m_{100}^{(21)}m_{200}^{(10)}m_{012}^{(22)} - m_{100}^{(11)}m_{100}^{(21)}m_{200}^{(10)}m_{003}^{(21)} + m_{100}^{(11)}m_{100}^{(21)}m_{200}^{(11)}m_{003}^{(20)}$$
$$+3m_{100}^{(11)}m_{100}^{(21)}m_{200}^{(20)}m_{012}^{(21)} + m_{100}^{(11)}m_{100}^{(21)}m_{200}^{(20)}m_{003}^{(11)} + 3m_{100}^{(11)}m_{100}^{(21)}m_{200}^{(21)}m_{012}^{(20)}$$
$$-m_{100}^{(11)}m_{100}^{(21)}m_{200}^{(21)}m_{003}^{(10)} - 3m_{100}^{(11)}m_{100}^{(21)}m_{200}^{(22)}m_{012}^{(10)} + 2m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(10)}m_{102}^{(22)}$$
$$-2m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(20)}m_{102}^{(21)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(21)}m_{102}^{(20)} + 2m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(22)}m_{102}^{(10)}$$
$$+4m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(10)}m_{111}^{(22)} + 2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(10)}m_{102}^{(21)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(11)}m_{102}^{(20)}$$

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\begin{aligned}
&-4m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{111}^{(21)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{102}^{(11)} - 4m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(21)}m_{111}^{(20)}\\
&+2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(21)}m_{102}^{(10)} + 4m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(22)}m_{111}^{(10)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(10)}m_{201}^{(22)}\\
&+2m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(20)}m_{201}^{(21)} + 2m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(21)}m_{201}^{(20)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(22)}m_{201}^{(10)}\\
&-m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(10)}m_{210}^{(22)} - m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(10)}m_{201}^{(21)} + m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(11)}m_{201}^{(20)}\\
&+m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(20)}m_{210}^{(21)} + m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(20)}m_{201}^{(11)} + m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(21)}m_{210}^{(20)}\\
&-m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(21)}m_{201}^{(10)} - m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(22)}m_{210}^{(10)} + m_{100}^{(11)}m_{100}^{(22)}m_{200}^{(10)}m_{021}^{(22)}\\
&+m_{100}^{(11)}m_{100}^{(22)}m_{200}^{(10)}m_{012}^{(21)} - m_{100}^{(11)}m_{100}^{(22)}m_{200}^{(11)}m_{012}^{(20)} - m_{100}^{(11)}m_{100}^{(22)}m_{200}^{(20)}m_{021}^{(21)}\\
&-m_{100}^{(11)}m_{100}^{(22)}m_{200}^{(20)}m_{012}^{(11)} - m_{100}^{(11)}m_{100}^{(22)}m_{200}^{(21)}m_{021}^{(20)} + m_{100}^{(11)}m_{100}^{(22)}m_{200}^{(21)}m_{012}^{(10)}\\
&+m_{100}^{(11)}m_{100}^{(22)}m_{200}^{(22)}m_{021}^{(10)} - m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(10)}m_{111}^{(22)} - m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(10)}m_{102}^{(21)}\\
&+m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(11)}m_{102}^{(20)} + m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(20)}m_{111}^{(21)} + m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(20)}m_{102}^{(11)}\\
&+m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(21)}m_{111}^{(20)} - m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(21)}m_{102}^{(10)} - m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(22)}m_{111}^{(10)}\\
&-m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(10)}m_{120}^{(22)} - m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(10)}m_{111}^{(21)} + m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(11)}m_{111}^{(20)}\\
&+m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(20)}m_{120}^{(21)} + m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(20)}m_{111}^{(11)} + m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(21)}m_{120}^{(20)}\\
&-m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(21)}m_{111}^{(10)} - m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(22)}m_{120}^{(10)} + m_{100}^{(11)}m_{100}^{(22)}m_{011}^{(10)}m_{210}^{(22)}\\
&+m_{100}^{(11)}m_{100}^{(22)}m_{011}^{(10)}m_{201}^{(21)} - m_{100}^{(11)}m_{100}^{(22)}m_{011}^{(11)}m_{201}^{(20)} - m_{100}^{(11)}m_{100}^{(22)}m_{011}^{(20)}m_{210}^{(21)}\\
&-m_{100}^{(11)}m_{100}^{(22)}m_{011}^{(20)}m_{201}^{(11)} - m_{100}^{(11)}m_{100}^{(22)}m_{011}^{(21)}m_{210}^{(20)} + m_{100}^{(11)}m_{100}^{(22)}m_{011}^{(21)}m_{201}^{(10)}\\
&+m_{100}^{(11)}m_{100}^{(22)}m_{011}^{(22)}m_{210}^{(10)} + m_{100}^{(11)}m_{010}^{(10)}m_{110}^{(00)}m_{003}^{(22)} - 2m_{100}^{(11)}m_{010}^{(10)}m_{110}^{(20)}m_{003}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(10)}m_{110}^{(22)}m_{003}^{(00)} - m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(00)}m_{012}^{(22)} + 2m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(20)}m_{012}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(22)}m_{012}^{(00)} - m_{100}^{(11)}m_{010}^{(10)}m_{011}^{(00)}m_{102}^{(22)} + 2m_{100}^{(11)}m_{010}^{(10)}m_{011}^{(20)}m_{102}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(10)}m_{011}^{(22)}m_{102}^{(00)} + m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(00)}m_{111}^{(22)} - 2m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(20)}m_{111}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(22)}m_{111}^{(00)} - m_{100}^{(11)}m_{010}^{(11)}m_{200}^{(00)}m_{003}^{(22)} + 2m_{100}^{(11)}m_{010}^{(11)}m_{200}^{(20)}m_{003}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(11)}m_{200}^{(22)}m_{003}^{(00)} + 2m_{100}^{(11)}m_{010}^{(11)}m_{101}^{(00)}m_{102}^{(22)} - 4m_{100}^{(11)}m_{010}^{(11)}m_{101}^{(20)}m_{102}^{(20)}\\
&+2m_{100}^{(11)}m_{010}^{(11)}m_{101}^{(22)}m_{102}^{(00)} - m_{100}^{(11)}m_{010}^{(11)}m_{002}^{(00)}m_{201}^{(22)} + 2m_{100}^{(11)}m_{010}^{(11)}m_{002}^{(20)}m_{201}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(11)}m_{002}^{(22)}m_{201}^{(00)} - m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(00)}m_{003}^{(21)} - m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(10)}m_{102}^{(22)}\\
&+m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(10)}m_{003}^{(20)} + m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(20)}m_{102}^{(21)} + m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(20)}m_{003}^{(10)}\\
&+m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(21)}m_{102}^{(20)} - m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(21)}m_{003}^{(00)} - m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(22)}m_{102}^{(10)}\\
&+m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(00)}m_{012}^{(21)} + m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(10)}m_{111}^{(22)} - m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(10)}m_{012}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{111}^{(21)} - m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{012}^{(10)} - m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(21)}m_{012}^{(00)} + m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(22)}m_{111}^{(10)} + m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(00)}m_{102}^{(21)}\\
&+m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(10)}m_{201}^{(22)} - m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(10)}m_{102}^{(20)} - m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(20)}m_{201}^{(21)}\\
&-m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(20)}m_{102}^{(10)} - m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(21)}m_{201}^{(20)} + m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(21)}m_{102}^{(00)}\\
&+m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(22)}m_{201}^{(10)} - m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(00)}m_{111}^{(21)} - m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(10)}m_{210}^{(22)}\\
&+m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(10)}m_{111}^{(20)} + m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(20)}m_{210}^{(21)} + m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(20)}m_{111}^{(10)}\\
&+m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(21)}m_{210}^{(20)} - m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(21)}m_{111}^{(00)} - m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(22)}m_{210}^{(10)}\\
&+m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(00)}m_{012}^{(22)} + m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(00)}m_{003}^{(21)} + m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(10)}m_{102}^{(22)}\\
&-m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(10)}m_{003}^{(20)} - m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{102}^{(21)} - 2m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{003}^{(10)} - m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(21)}m_{102}^{(20)} + m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(21)}m_{003}^{(00)}\\
&+m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{102}^{(10)} + m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{012}^{(00)} - m_{100}^{(11)}m_{010}^{(21)}m_{110}^{(00)}m_{102}^{(22)}
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&+2m_{100}^{(11)}m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(20)} - m_{100}^{(11)}m_{010}^{(21)}m_{110}^{(22)}m_{102}^{(00)} - m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(00)}m_{111}^{(22)}\\
&-2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(00)}m_{102}^{(21)} - 2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(10)}m_{201}^{(22)} + 2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(10)}m_{102}^{(20)}\\
&+2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{201}^{(21)} + 2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(20)} + 2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{102}^{(10)}\\
&+2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(21)}m_{201}^{(20)} - 2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(21)}m_{102}^{(00)} - 2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(22)}m_{201}^{(10)}\\
&-m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(22)}m_{111}^{(00)} + m_{100}^{(11)}m_{010}^{(21)}m_{011}^{(00)}m_{201}^{(22)} - 2m_{100}^{(11)}m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(21)}m_{011}^{(22)}m_{201}^{(00)} + m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(00)}m_{201}^{(21)} + m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(10)}m_{300}^{(22)}\\
&-m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(10)}m_{201}^{(20)} - m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(20)}m_{300}^{(21)} - m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(20)}m_{201}^{(10)}\\
&-m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(21)}m_{300}^{(20)} + m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(21)}m_{201}^{(00)} + m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(22)}m_{300}^{(10)}\\
&-m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(00)}m_{012}^{(21)} - m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(10)}m_{111}^{(22)} + m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(10)}m_{012}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(20)}m_{111}^{(21)} + m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(20)}m_{012}^{(10)} + m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(21)}m_{012}^{(00)} - m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(22)}m_{111}^{(10)} + m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(00)}m_{102}^{(21)}\\
&+m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(10)}m_{201}^{(22)} - m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(10)}m_{102}^{(20)} - m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(20)}m_{201}^{(21)}\\
&-m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(20)}m_{102}^{(10)} - m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(20)} + m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(21)}m_{102}^{(00)}\\
&+m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(22)}m_{201}^{(10)} + m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(00)}m_{111}^{(21)} + m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(10)}m_{210}^{(22)}\\
&-m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(20)} - m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(20)}m_{210}^{(21)} - m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(20)}m_{111}^{(10)}\\
&-m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(20)} + m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(21)}m_{111}^{(00)} + m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(22)}m_{210}^{(10)}\\
&-m_{100}^{(11)}m_{010}^{(22)}m_{011}^{(00)}m_{201}^{(21)} - m_{100}^{(11)}m_{010}^{(22)}m_{011}^{(10)}m_{300}^{(22)} + m_{100}^{(11)}m_{010}^{(22)}m_{011}^{(10)}m_{201}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(22)}m_{011}^{(20)}m_{300}^{(21)} + m_{100}^{(11)}m_{010}^{(22)}m_{011}^{(20)}m_{201}^{(10)} + m_{100}^{(11)}m_{010}^{(22)}m_{011}^{(21)}m_{300}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(22)}m_{011}^{(21)}m_{201}^{(00)} - m_{100}^{(11)}m_{010}^{(22)}m_{011}^{(22)}m_{300}^{(10)} - m_{100}^{(11)}m_{001}^{(00)}m_{110}^{(10)}m_{012}^{(22)}\\
&+m_{100}^{(11)}m_{001}^{(00)}m_{110}^{(10)}m_{003}^{(21)} - m_{100}^{(11)}m_{001}^{(00)}m_{110}^{(11)}m_{003}^{(20)} + m_{100}^{(11)}m_{001}^{(00)}m_{110}^{(20)}m_{012}^{(21)}\\
&-m_{100}^{(11)}m_{001}^{(00)}m_{110}^{(20)}m_{003}^{(11)} + m_{100}^{(11)}m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(20)} + m_{100}^{(11)}m_{001}^{(00)}m_{110}^{(21)}m_{003}^{(10)}\\
&-m_{100}^{(11)}m_{001}^{(00)}m_{110}^{(22)}m_{012}^{(10)} + m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(10)}m_{021}^{(22)} - m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(10)}m_{012}^{(21)}\\
&+m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(11)}m_{012}^{(20)} - m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{021}^{(21)} + m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{012}^{(11)}\\
&-m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(20)} - m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(21)}m_{012}^{(10)} + m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(22)}m_{012}^{(10)}\\
&+m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(22)} - m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(10)}m_{102}^{(21)} + m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(11)}m_{102}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(21)} + m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{102}^{(11)} - m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(21)}m_{102}^{(10)} + m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(22)}m_{111}^{(10)} - m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(10)}m_{120}^{(22)}\\
&+m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(10)}m_{111}^{(21)} - m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(11)}m_{111}^{(20)} + m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(20)}m_{120}^{(21)}\\
&-m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(20)}m_{111}^{(11)} + m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(21)}m_{120}^{(20)} + m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(21)}m_{111}^{(10)}\\
&-m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(22)}m_{120}^{(10)} + m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(10)}m_{012}^{(22)} - m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(10)}m_{003}^{(21)}\\
&+m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(11)}m_{003}^{(20)} - m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{012}^{(21)} + m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{003}^{(11)}\\
&-m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(20)} - m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(21)}m_{003}^{(10)} + m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{012}^{(10)}\\
&-m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(00)}m_{003}^{(21)} + m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(22)} + m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(10)}m_{003}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{102}^{(21)} + m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{003}^{(10)} - m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(21)}m_{003}^{(00)} + m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(22)}m_{102}^{(10)} + m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(00)}m_{012}^{(21)}\\
&-3m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(22)} + 2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{102}^{(21)} - m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(20)}\\
&-2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(11)}m_{102}^{(20)} + 3m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(21)} - 2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{102}^{(11)}\\
&-m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{012}^{(10)} + 3m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(20)} + 2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{102}^{(10)}
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&+m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{012}^{(00)} - 3m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{111}^{(10)} + m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(00)}m_{102}^{(21)}\\
&-m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(22)} - m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(20)} + m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(21)}\\
&-m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{102}^{(10)} + m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(20)} + m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(21)}m_{102}^{(00)}\\
&-m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(22)}m_{201}^{(10)} - m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(00)}m_{111}^{(21)} + 2m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{210}^{(22)}\\
&-m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{201}^{(21)} + m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(20)} + m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(11)}m_{201}^{(20)}\\
&-2m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{210}^{(21)} + m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{201}^{(11)} + m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{111}^{(10)}\\
&-2m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(21)}m_{210}^{(20)} - m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(21)}m_{201}^{(10)} - m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(21)}m_{111}^{(00)}\\
&+2m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(22)}m_{210}^{(10)} + m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(00)}m_{003}^{(21)} - m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(10)}m_{102}^{(22)}\\
&-m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(10)}m_{003}^{(20)} + m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(20)}m_{102}^{(21)} - m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(20)}m_{003}^{(10)}\\
&+m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(20)} + m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(21)}m_{003}^{(00)} - m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(22)}m_{102}^{(10)}\\
&-2m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(00)}m_{102}^{(21)} + 2m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(22)} + 2m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(20)}\\
&-2m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(20)}m_{201}^{(21)} + 2m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(20)}m_{102}^{(10)} - 2m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(20)}\\
&-2m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(21)}m_{102}^{(00)} + 2m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(22)}m_{201}^{(10)} + m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(00)}m_{201}^{(21)}\\
&-m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(10)}m_{300}^{(22)} - m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(10)}m_{201}^{(20)} + m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(20)}m_{300}^{(21)}\\
&-m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(20)}m_{201}^{(10)} + m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(21)}m_{300}^{(20)} + m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(21)}m_{201}^{(00)}\\
&-m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(22)}m_{300}^{(10)} - m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(22)} + m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{012}^{(21)}\\
&-m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(11)}m_{012}^{(20)} + m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{021}^{(21)} - m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{012}^{(11)}\\
&+m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(20)} + m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{012}^{(10)} - m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(22)}m_{021}^{(10)}\\
&+m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(00)}m_{003}^{(11)} + m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(22)} - m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{102}^{(21)}\\
&-2m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{003}^{(10)} + m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(11)}m_{102}^{(20)} + m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(11)}m_{003}^{(00)}\\
&-m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(21)} + m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{102}^{(11)} - m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{102}^{(10)} + m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(22)}m_{111}^{(10)} - m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{012}^{(11)}\\
&+m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(22)} - m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(21)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{012}^{(10)}\\
&+m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(20)} - m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{012}^{(00)} - m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(21)}\\
&+m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{111}^{(11)} - m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(20)} - m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{111}^{(10)}\\
&+m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(22)}m_{120}^{(10)} - m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{102}^{(11)} - m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(22)}\\
&+m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(21)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{102}^{(10)} - m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(11)}m_{201}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(11)}m_{102}^{(00)} + m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(21)} - m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{201}^{(11)}\\
&+m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(20)} + m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{201}^{(10)} - m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(22)}m_{210}^{(10)}\\
&+m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(00)}m_{111}^{(11)} - 2m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(10)}m_{111}^{(10)} + m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(11)}m_{111}^{(00)}\\
&-m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{012}^{(21)} - m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{003}^{(11)} + m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(22)}\\
&+m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(20)} + 2m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{003}^{(10)} - m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(11)}m_{003}^{(00)}\\
&-m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(21)} + m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{012}^{(10)} - m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{012}^{(00)} + m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(22)}m_{111}^{(10)} + m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{102}^{(21)}\\
&-m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(22)} - m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(20)} + m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(21)}\\
&-m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{102}^{(10)} + m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(20)} + m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(21)}m_{102}^{(00)}\\
&-m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(22)}m_{201}^{(10)} + m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(21)} + 2m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{102}^{(11)}\\
&-m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(22)} - m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(20)} - 4m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{102}^{(10)}
\end{aligned}
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\begin{aligned}
&+2m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(11)}m_{102}^{(00)}+m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(21)}-m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{111}^{(10)}\\
&+m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(20)}+m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{111}^{(00)}-m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(22)}m_{210}^{(10)}\\
&-m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{201}^{(21)}+m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(22)}+m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(21)}+m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{201}^{(10)}-m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(21)}m_{201}^{(00)}+m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(22)}m_{300}^{(10)}-m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(00)}m_{201}^{(11)}\\
&+2m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(10)}m_{201}^{(10)}-m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(11)}m_{201}^{(00)}+m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(00)}m_{012}^{(11)}\\
&-2m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{012}^{(10)}+m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(11)}m_{012}^{(00)}-m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{102}^{(11)}\\
&+2m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{102}^{(10)}-m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(11)}m_{102}^{(00)}-m_{100}^{(11)}m_{001}^{(22)}m_{101}^{(00)}m_{111}^{(11)}\\
&+2m_{100}^{(11)}m_{001}^{(22)}m_{101}^{(10)}m_{111}^{(10)}-m_{100}^{(11)}m_{001}^{(22)}m_{101}^{(11)}m_{111}^{(00)}+m_{100}^{(11)}m_{001}^{(22)}m_{011}^{(00)}m_{201}^{(11)}\\
&-2m_{100}^{(11)}m_{001}^{(22)}m_{011}^{(10)}m_{201}^{(10)}+m_{100}^{(11)}m_{001}^{(22)}m_{011}^{(11)}m_{201}^{(00)}+(m_{100}^{(20)})^2m_{110}^{(11)}m_{021}^{(22)}\\
&-2(m_{100}^{(20)})^2m_{110}^{(21)}m_{021}^{(21)}+(m_{100}^{(20)})^2m_{110}^{(22)}m_{021}^{(11)}-(m_{100}^{(20)})^2m_{101}^{(11)}m_{030}^{(22)}\\
&+2(m_{100}^{(20)})^2m_{101}^{(21)}m_{030}^{(21)}-(m_{100}^{(20)})^2m_{101}^{(22)}m_{030}^{(11)}+(m_{100}^{(20)})^2m_{020}^{(10)}m_{012}^{(21)}\\
&-(m_{100}^{(20)})^2m_{020}^{(11)}m_{111}^{(22)}-(m_{100}^{(20)})^2m_{020}^{(11)}m_{012}^{(20)}-(m_{100}^{(20)})^2m_{020}^{(20)}m_{012}^{(11)}\\
&+2(m_{100}^{(20)})^2m_{020}^{(21)}m_{111}^{(21)}+(m_{100}^{(20)})^2m_{020}^{(21)}m_{012}^{(10)}-(m_{100}^{(20)})^2m_{020}^{(22)}m_{111}^{(11)}\\
&-2(m_{100}^{(20)})^2m_{011}^{(10)}m_{021}^{(21)}+(m_{100}^{(20)})^2m_{011}^{(11)}m_{120}^{(22)}+2(m_{100}^{(20)})^2m_{011}^{(11)}m_{021}^{(20)}\\
&+2(m_{100}^{(20)})^2m_{011}^{(20)}m_{021}^{(11)}-2(m_{100}^{(20)})^2m_{011}^{(21)}m_{120}^{(21)}-2(m_{100}^{(20)})^2m_{011}^{(21)}m_{021}^{(10)}\\
&+(m_{100}^{(20)})^2m_{011}^{(22)}m_{120}^{(11)}+(m_{100}^{(20)})^2m_{002}^{(10)}m_{030}^{(21)}-(m_{100}^{(20)})^2m_{002}^{(11)}m_{030}^{(20)}\\
&-(m_{100}^{(20)})^2m_{002}^{(20)}m_{030}^{(11)}+(m_{100}^{(20)})^2m_{002}^{(21)}m_{030}^{(10)}-2m_{100}^{(20)}m_{100}^{(21)}m_{100}^{(11)}m_{200}^{(22)}m_{021}\\
&+4m_{100}^{(20)}m_{100}^{(21)}m_{200}^{(21)}m_{021}^{(21)}-2m_{100}^{(20)}m_{100}^{(21)}m_{200}^{(22)}m_{021}^{(11)}-m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(10)}m_{021}^{(22)}\\
&-3m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(10)}m_{012}^{(21)}+3m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(11)}m_{111}^{(22)}+3m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(11)}m_{012}^{(20)}\\
&+m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(20)}m_{021}^{(21)}+3m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(20)}m_{012}^{(11)}-6m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{111}^{(21)}\\
&+m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{021}^{(20)}-3m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{012}^{(10)}+3m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(22)}m_{111}^{(11)}\\
&-m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(22)}m_{021}^{(10)}+m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(10)}m_{030}^{(22)}+3m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(10)}m_{021}^{(21)}\\
&+m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{120}^{(22)}-3m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{021}^{(20)}-m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(20)}m_{030}^{(21)}\\
&-3m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(20)}m_{021}^{(11)}-2m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{120}^{(21)}-m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{030}^{(20)}\\
&+3m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{021}^{(10)}+m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(22)}m_{120}^{(11)}+m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(22)}m_{030}^{(10)}\\
&+m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(10)}m_{111}^{(22)}+m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(10)}m_{102}^{(21)}-m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(11)}m_{201}^{(22)}\\
&-m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(11)}m_{102}^{(20)}-m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{111}^{(21)}-m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{102}^{(11)}\\
&+2m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(21)}m_{201}^{(21)}-m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(21)}m_{111}^{(20)}+m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(21)}m_{102}^{(10)}\\
&-m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(22)}m_{201}^{(11)}+m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(22)}m_{111}^{(10)}-m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{120}^{(22)}\\
&+m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{111}^{(21)}-m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(11)}m_{210}^{(22)}-m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(11)}m_{111}^{(20)}\\
&+m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(20)}m_{120}^{(21)}-m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(20)}m_{111}^{(11)}+2m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(21)}m_{210}^{(21)}\\
&+m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(21)}m_{120}^{(20)}+m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(21)}m_{111}^{(10)}-m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(22)}m_{210}^{(11)}\\
&-m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(22)}m_{120}^{(10)}-2m_{100}^{(20)}m_{100}^{(21)}m_{002}^{(10)}m_{120}^{(21)}+2m_{100}^{(20)}m_{100}^{(21)}m_{002}^{(11)}m_{120}^{(20)}\\
&+2m_{100}^{(20)}m_{100}^{(21)}m_{002}^{(20)}m_{120}^{(11)}-2m_{100}^{(20)}m_{100}^{(21)}m_{002}^{(21)}m_{120}^{(10)}+m_{100}^{(20)}m_{100}^{(22)}m_{200}^{(11)}m_{030}^{(22)}\\
&-2m_{100}^{(20)}m_{100}^{(22)}m_{200}^{(21)}m_{030}^{(21)}+m_{100}^{(20)}m_{100}^{(22)}m_{200}^{(22)}m_{030}^{(11)}+2m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(10)}m_{021}^{(21)}\\
&-2m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(11)}m_{120}^{(22)}-2m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(11)}m_{021}^{(20)}-2m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(20)}m_{021}^{(11)}\\
&+4m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(21)}m_{120}^{(21)}+2m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(21)}m_{021}^{(10)}-2m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(22)}m_{120}^{(11)}
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\begin{aligned}
&-2m_{100}^{(20)}m_{100}^{(22)}m_{101}^{(10)}m_{030}^{(21)} + 2m_{100}^{(20)}m_{100}^{(22)}m_{101}^{(11)}m_{030}^{(20)} + 2m_{100}^{(20)}m_{100}^{(22)}m_{101}^{(20)}m_{030}^{(11)}\\
&-2m_{100}^{(20)}m_{100}^{(22)}m_{101}^{(21)}m_{030}^{(10)} - 2m_{100}^{(20)}m_{100}^{(22)}m_{100}^{(10)}m_{020}^{(21)}m_{111} + m_{100}^{(20)}m_{100}^{(22)}m_{100}^{(11)}m_{020}^{(22)}m_{210}\\
&+2m_{100}^{(20)}m_{100}^{(22)}m_{100}^{(11)}m_{020}^{(20)}m_{111} + 2m_{100}^{(20)}m_{100}^{(22)}m_{100}^{(20)}m_{020}^{(11)}m_{111} - 2m_{100}^{(20)}m_{100}^{(22)}m_{100}^{(21)}m_{020}^{(21)}m_{210}\\
&-2m_{100}^{(20)}m_{100}^{(22)}m_{100}^{(21)}m_{020}^{(10)}m_{111} + m_{100}^{(20)}m_{100}^{(22)}m_{100}^{(22)}m_{020}^{(11)}m_{210} + 2m_{100}^{(20)}m_{100}^{(22)}m_{100}^{(10)}m_{011}^{(21)}m_{120}\\
&-2m_{100}^{(20)}m_{100}^{(22)}m_{100}^{(11)}m_{011}^{(20)}m_{120} - 2m_{100}^{(20)}m_{100}^{(22)}m_{100}^{(20)}m_{011}^{(11)}m_{120} + 2m_{100}^{(20)}m_{100}^{(22)}m_{100}^{(21)}m_{011}^{(10)}m_{120}\\
&+m_{100}^{(20)}m_{010}^{(00)}m_{110}^{(11)}m_{012}^{(22)} - 2m_{100}^{(20)}m_{010}^{(00)}m_{110}^{(21)}m_{012}^{(21)} + m_{100}^{(20)}m_{010}^{(00)}m_{110}^{(22)}m_{012}^{(11)}\\
&-m_{100}^{(20)}m_{010}^{(00)}m_{101}^{(11)}m_{021}^{(22)} + 2m_{100}^{(20)}m_{010}^{(00)}m_{101}^{(21)}m_{021}^{(21)} - m_{100}^{(20)}m_{010}^{(00)}m_{101}^{(22)}m_{021}^{(11)}\\
&-m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(10)}m_{012}^{(22)} + m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(10)}m_{003}^{(21)} - m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(11)}m_{102}^{(22)}\\
&-m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(11)}m_{003}^{(20)} + m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(20)}m_{012}^{(21)} - m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(20)}m_{003}^{(11)}\\
&+2m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(21)}m_{102}^{(21)} + m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(21)}m_{012}^{(20)} + m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(21)}m_{003}^{(10)}\\
&-m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(22)}m_{102}^{(11)} - m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(22)}m_{012}^{(10)} + 2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(10)}m_{021}^{(22)}\\
&-2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(10)}m_{012}^{(21)} + m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(11)}m_{111}^{(22)} + 2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(11)}m_{012}^{(20)}\\
&-2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(20)}m_{021}^{(21)} + 2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(20)}m_{012}^{(11)} - 2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{111}^{(21)}\\
&-2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{021}^{(20)} - 2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{012}^{(10)} + m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(22)}m_{111}^{(11)}\\
&+2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(22)}m_{021}^{(10)} - m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(10)}m_{030}^{(22)} + m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(10)}m_{021}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(11)}m_{021}^{(20)} + m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(20)}m_{030}^{(21)} - m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(20)}m_{021}^{(11)}\\
&+m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(21)}m_{030}^{(20)} + m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(21)}m_{021}^{(10)} - m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(22)}m_{030}^{(10)}\\
&-m_{100}^{(20)}m_{010}^{(10)}m_{200}^{(11)}m_{012}^{(22)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{200}^{(21)}m_{012}^{(21)} - m_{100}^{(20)}m_{010}^{(10)}m_{200}^{(22)}m_{012}^{(11)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(10)}m_{012}^{(22)} - m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(10)}m_{003}^{(21)} + m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(11)}m_{102}^{(22)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(11)}m_{003}^{(20)} - m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(20)}m_{012}^{(21)} + m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(20)}m_{003}^{(11)}\\
&-2m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{102}^{(21)} - m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{012}^{(20)} - m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{003}^{(10)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{102}^{(11)} + m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{012}^{(10)} - m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(10)}m_{021}^{(22)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(10)}m_{012}^{(21)} + m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(11)}m_{111}^{(22)} - m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(11)}m_{012}^{(20)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(20)}m_{021}^{(21)} - m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(20)}m_{012}^{(11)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{021}^{(20)} + m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{012}^{(10)} + m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(22)}m_{111}^{(11)}\\
&-m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(22)}m_{021}^{(10)} + m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(00)}m_{012}^{(22)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(20)}m_{012}^{(20)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(22)}m_{012}^{(00)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(22)}m_{021}^{(22)} - m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{111}^{(22)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{102}^{(21)} - m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(11)}m_{201}^{(22)} - m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(11)}m_{102}^{(20)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{111}^{(21)} - m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{102}^{(11)} + 4m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{021}^{(20)}\\
&+2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{201}^{(21)} + m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{111}^{(20)} + m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{102}^{(10)}\\
&-m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(22)}m_{201}^{(11)} - m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(22)}m_{111}^{(10)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(22)}m_{021}^{(00)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(00)}m_{030}^{(22)} + m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{120}^{(22)} - m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{111}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(11)}m_{111}^{(20)} - m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(20)}m_{120}^{(21)} + m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(20)}m_{111}^{(11)}\\
&-2m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(20)}m_{030}^{(20)} - m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(21)}m_{120}^{(20)} - m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(21)}m_{111}^{(10)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(22)}m_{120}^{(10)} + m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(22)}m_{030}^{(00)} - m_{100}^{(20)}m_{010}^{(11)}m_{110}^{(00)}m_{012}^{(22)}\\
&+2m_{100}^{(20)}m_{010}^{(11)}m_{110}^{(20)}m_{012}^{(20)} - m_{100}^{(20)}m_{010}^{(11)}m_{110}^{(22)}m_{012}^{(00)} + m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(00)}m_{021}^{(22)}\\
&-2m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(20)}m_{021}^{(20)} + m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(22)}m_{021}^{(00)} + m_{100}^{(20)}m_{010}^{(11)}m_{011}^{(00)}m_{111}^{(22)}\\
&-2m_{100}^{(20)}m_{010}^{(11)}m_{011}^{(20)}m_{111}^{(20)} + m_{100}^{(20)}m_{010}^{(11)}m_{011}^{(22)}m_{111}^{(00)} - m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(00)}m_{120}^{(22)}
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&+2m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(20)}m_{120}^{(20)} - m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(22)}m_{120}^{(00)} + m_{100}^{(20)}m_{010}^{(20)}m_{200}^{(11)}m_{021}^{(22)}\\
&-2m_{100}^{(20)}m_{010}^{(20)}m_{200}^{(21)}m_{021}^{(21)} + m_{100}^{(20)}m_{010}^{(20)}m_{200}^{(22)}m_{021}^{(11)} - m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(10)}m_{021}^{(22)}\\
&+m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(10)}m_{012}^{(21)} - 3m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(11)}m_{111}^{(22)} - m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(11)}m_{012}^{(20)}\\
&+m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(20)}m_{021}^{(21)} - m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(11)} + 6m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{111}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{021}^{(20)} + m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{012}^{(10)} - 3m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(22)}m_{111}^{(11)}\\
&-m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(22)}m_{021}^{(10)} + m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(10)}m_{030}^{(22)} - m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(10)}m_{021}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(11)}m_{120}^{(22)} + m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(11)}m_{021}^{(20)} - m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(20)}m_{030}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(20)}m_{021}^{(11)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{120}^{(21)} - m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{030}^{(20)}\\
&-m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{021}^{(10)} + m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(22)}m_{120}^{(11)} + m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(22)}m_{030}^{(10)}\\
&-m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(00)}m_{012}^{(21)} + m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(10)}m_{111}^{(22)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(10)}m_{102}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(10)}m_{012}^{(20)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(11)}m_{201}^{(22)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(11)}m_{102}^{(20)}\\
&-m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(20)}m_{111}^{(21)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(20)}m_{102}^{(11)} + m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(20)}m_{012}^{(10)}\\
&-4m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(21)}m_{201}^{(21)} - m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(21)}m_{111}^{(20)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(21)}m_{102}^{(10)}\\
&-m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(21)}m_{012}^{(00)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(22)}m_{201}^{(11)} + m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(22)}m_{111}^{(10)}\\
&+2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(00)}m_{021}^{(21)} - m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{120}^{(22)} + 3m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(21)}\\
&-2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{021}^{(20)} - m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(11)}m_{210}^{(22)} - 3m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(11)}m_{111}^{(20)}\\
&+m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(20)}m_{120}^{(21)} - 3m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(11)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(20)}m_{021}^{(10)}\\
&+2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{210}^{(21)} + m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{120}^{(20)} + 3m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(10)}\\
&+2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{021}^{(00)} - m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(22)}m_{210}^{(11)} - m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(22)}m_{120}^{(10)}\\
&-m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(00)}m_{030}^{(21)} - m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(10)}m_{120}^{(21)} + m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(10)}m_{030}^{(20)}\\
&+m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(11)}m_{120}^{(20)} + m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(20)}m_{120}^{(11)} + m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(20)}m_{030}^{(10)}\\
&-m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(21)}m_{120}^{(10)} - m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(21)}m_{030}^{(00)} + m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(11)}m_{111}^{(22)}\\
&-2m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(21)} + m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(22)}m_{111}^{(11)} + m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(00)}m_{021}^{(22)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(00)}m_{012}^{(21)} + m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{102}^{(21)} - m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{012}^{(20)}\\
&-m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(11)}m_{201}^{(22)} - m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(11)}m_{102}^{(20)} - m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(11)}\\
&-2m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{021}^{(20)} - m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{012}^{(10)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{201}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{102}^{(10)} + m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{012}^{(00)} - m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(22)}m_{201}^{(11)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(22)}m_{021}^{(00)} - m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(00)}m_{030}^{(22)} - m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(00)}m_{021}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(21)} + m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{021}^{(20)} - m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(11)}m_{210}^{(22)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(11)}m_{111}^{(20)} + m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(11)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{030}^{(20)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{021}^{(10)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{210}^{(21)} - m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(10)}\\
&-m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{021}^{(00)} - m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(22)}m_{210}^{(11)} - m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(22)}m_{030}^{(00)}\\
&-m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(00)}m_{111}^{(22)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(20)}m_{111}^{(20)} - m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(22)}m_{111}^{(00)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{120}^{(22)} - m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{111}^{(21)} - m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{111}^{(20)} + m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(11)}m_{300}^{(22)} + m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(11)}m_{201}^{(20)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(11)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{120}^{(20)} + m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{111}^{(10)}\\
&-2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{300}^{(21)} - m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(10)} - m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{111}^{(00)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(22)}m_{300}^{(11)} + m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(22)}m_{120}^{(00)} + m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(00)}m_{120}^{(21)}
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&+m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(10)}m_{210}^{(21)} - m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(10)}m_{120}^{(20)} - m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(11)}m_{210}^{(20)}\\
&-m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(20)}m_{210}^{(11)} - m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(20)}m_{120}^{(10)} + m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(21)}m_{210}^{(10)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(21)}m_{120}^{(00)} - m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(11)}m_{120}^{(22)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{120}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(22)}m_{120}^{(11)} - m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(00)}m_{021}^{(21)} - m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{021}^{(20)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(11)}m_{210}^{(22)} + m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(11)}m_{111}^{(20)}\\
&+m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(11)} + m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{021}^{(10)} - 4m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{210}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(10)} - m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{021}^{(00)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(22)}m_{210}^{(11)}\\
&+m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(00)}m_{030}^{(21)} + m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(10)}m_{120}^{(21)} - m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(10)}m_{030}^{(20)}\\
&-m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(11)}m_{120}^{(20)} - m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(11)} - m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(20)}m_{030}^{(10)}\\
&+m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(21)}m_{120}^{(10)} + m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(21)}m_{030}^{(00)} + m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(00)}m_{111}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(10)}m_{201}^{(21)} - m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(10)}m_{111}^{(20)} - m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(11)}m_{300}^{(22)}\\
&-m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(11)}m_{201}^{(20)} - m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(20)}m_{201}^{(11)} - m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(20)}m_{111}^{(10)}\\
&+2m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(21)}m_{300}^{(21)} + m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(21)}m_{201}^{(10)} + m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(21)}m_{111}^{(00)}\\
&-m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(22)}m_{300}^{(11)} - m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(00)}m_{120}^{(21)} - m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{210}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{120}^{(20)} + m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(11)}m_{210}^{(20)} + m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(11)}\\
&+m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(20)}m_{120}^{(10)} - m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(21)}m_{210}^{(10)} - m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(21)}m_{120}^{(00)}\\
&-m_{100}^{(20)}m_{001}^{(00)}m_{110}^{(11)}m_{021}^{(22)} + 2m_{100}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{021}^{(21)} - m_{100}^{(20)}m_{001}^{(00)}m_{110}^{(22)}m_{021}^{(11)}\\
&+m_{100}^{(20)}m_{001}^{(00)}m_{101}^{(11)}m_{030}^{(22)} - 2m_{100}^{(20)}m_{001}^{(00)}m_{101}^{(21)}m_{030}^{(21)} + m_{100}^{(20)}m_{001}^{(00)}m_{101}^{(22)}m_{030}^{(11)}\\
&+m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(11)}m_{111}^{(22)} - 2m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{111}^{(21)} + m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(22)}m_{111}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{120}^{(22)} + 2m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{120}^{(21)} - m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(22)}m_{120}^{(11)}\\
&+m_{100}^{(20)}m_{001}^{(10)}m_{200}^{(11)}m_{021}^{(22)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(21)} + m_{100}^{(20)}m_{001}^{(10)}m_{200}^{(22)}m_{021}^{(11)}\\
&-2m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{120}^{(22)} + 4m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(21)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(22)}m_{120}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(00)}m_{012}^{(21)} + m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(21)} + m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{012}^{(10)}\\
&-m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(11)}m_{201}^{(22)} - m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(11)}m_{102}^{(20)} - m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(11)}\\
&+m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{012}^{(10)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{201}^{(21)} + m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{102}^{(10)}\\
&-m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{012}^{(00)} - m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(22)}m_{201}^{(11)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(00)}m_{021}^{(21)}\\
&-2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(21)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{021}^{(20)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{210}^{(22)}\\
&+2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{111}^{(20)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(11)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{021}^{(10)}\\
&-4m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{210}^{(21)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(10)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{021}^{(00)}\\
&+2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(22)}m_{210}^{(11)} - m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(00)}m_{030}^{(21)} + m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{120}^{(21)}\\
&+m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{030}^{(20)} - m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(11)}m_{120}^{(20)} - m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(11)}\\
&+m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(20)}m_{030}^{(10)} + m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(21)}m_{120}^{(10)} - m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(21)}m_{030}^{(00)}\\
&-m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(11)}m_{111}^{(22)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(21)}m_{111}^{(21)} - m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(22)}m_{111}^{(11)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(00)}m_{012}^{(21)} - m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(21)} - m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(10)}m_{012}^{(20)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(11)}m_{201}^{(22)} + m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(11)}m_{102}^{(20)} + m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{012}^{(10)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{201}^{(21)} - m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{102}^{(10)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{012}^{(00)} + m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(22)}m_{201}^{(11)} - m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(00)}m_{021}^{(21)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(21)} + m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{021}^{(20)} + m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(11)}m_{210}^{(22)}
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&-m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(11)}m_{111}^{(20)} - m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(11)} + m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{021}^{(10)}\\
&-2m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{210}^{(21)} + m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(10)} - m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{021}^{(00)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(22)}m_{210}^{(11)} - m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(00)}m_{111}^{(21)} + m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(21)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{111}^{(20)} - m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(11)}m_{300}^{(22)} - m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(11)}m_{201}^{(20)}\\
&-m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(11)} + m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(10)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(21)}m_{300}^{(21)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(21)}m_{201}^{(10)} - m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(21)}m_{111}^{(00)} - m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(22)}m_{300}^{(11)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(00)}m_{120}^{(21)} - m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(10)}m_{210}^{(21)} - m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(10)}m_{120}^{(20)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(11)}m_{210}^{(20)} + m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(11)} - m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(20)}m_{120}^{(10)}\\
&-m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(21)}m_{210}^{(10)} + m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(21)}m_{120}^{(00)} - m_{100}^{(20)}m_{001}^{(20)}m_{200}^{(11)}m_{030}^{(22)}\\
&+2m_{100}^{(20)}m_{001}^{(20)}m_{200}^{(21)}m_{030}^{(21)} - m_{100}^{(20)}m_{001}^{(20)}m_{200}^{(22)}m_{030}^{(11)} + 2m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{120}^{(22)}\\
&-4m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(21)} + 2m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(22)}m_{120}^{(11)} + m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(00)}m_{012}^{(11)}\\
&-2m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{012}^{(10)} - m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(11)}m_{210}^{(22)} + m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(11)}m_{012}^{(00)}\\
&+2m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{210}^{(21)} - m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(22)}m_{210}^{(11)} - 2m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(00)}m_{021}^{(11)}\\
&+4m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{021}^{(10)} - 2m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{021}^{(00)} + m_{100}^{(20)}m_{001}^{(20)}m_{002}^{(00)}m_{030}^{(11)}\\
&-2m_{100}^{(20)}m_{001}^{(20)}m_{002}^{(10)}m_{030}^{(10)} + m_{100}^{(20)}m_{001}^{(20)}m_{002}^{(11)}m_{030}^{(00)} + m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{120}^{(22)}\\
&-2m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(21)} + m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(22)}m_{120}^{(11)} - m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{021}^{(21)}\\
&-m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{012}^{(11)} + m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(21)} + m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{021}^{(20)}\\
&+2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{012}^{(10)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{210}^{(22)} - m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{111}^{(20)}\\
&-m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{012}^{(00)} - m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(11)} + m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{021}^{(10)}\\
&+4m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(21)} + m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(10)} - m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{021}^{(00)}\\
&-2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(11)} + m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(00)}m_{030}^{(21)} + m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(00)}m_{021}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(21)} - m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{030}^{(20)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(10)}\\
&+m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{120}^{(20)} + m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{021}^{(00)} + m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(20)}m_{030}^{(10)} - m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(10)} + m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(21)}m_{030}^{(00)}\\
&+m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(21)} - m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(21)} - m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{111}^{(20)}\\
&+m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(11)}m_{300}^{(22)} + m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(11)}m_{201}^{(20)} + m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{111}^{(10)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{300}^{(21)} - m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{201}^{(10)}\\
&+m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{111}^{(00)} + m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(22)}m_{300}^{(11)} - m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{120}^{(21)}\\
&+m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(11)} + m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(21)} + m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{120}^{(20)}\\
&-2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(10)} - m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{210}^{(20)} + m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{111}^{(00)}\\
&-m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(11)} + m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(20)}m_{120}^{(10)} + m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(10)}\\
&-m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(21)}m_{120}^{(00)} - m_{100}^{(20)}m_{001}^{(21)}m_{002}^{(00)}m_{120}^{(11)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{002}^{(10)}m_{120}^{(10)}\\
&-m_{100}^{(20)}m_{001}^{(21)}m_{002}^{(11)}m_{120}^{(00)} + m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{021}^{(11)} - 2m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{021}^{(10)}\\
&+m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{021}^{(00)} - m_{100}^{(20)}m_{001}^{(22)}m_{101}^{(00)}m_{030}^{(11)} + 2m_{100}^{(20)}m_{001}^{(22)}m_{101}^{(10)}m_{030}^{(10)}\\
&-m_{100}^{(20)}m_{001}^{(22)}m_{101}^{(11)}m_{030}^{(00)} - m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(11)} + 2m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{111}^{(10)}\\
&-m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(11)}m_{111}^{(00)} + m_{100}^{(20)}m_{001}^{(22)}m_{011}^{(00)}m_{120}^{(11)} - 2m_{100}^{(20)}m_{001}^{(22)}m_{011}^{(10)}m_{120}^{(10)}\\
&+m_{100}^{(20)}m_{001}^{(22)}m_{011}^{(11)}m_{120}^{(00)} + 2(m_{100}^{(21)})^2m_{200}^{(10)}m_{021}^{(22)} + 2(m_{100}^{(21)})^2m_{200}^{(10)}m_{012}^{(21)}\\
&-2(m_{100}^{(21)})^2m_{200}^{(11)}m_{012}^{(20)} - 2(m_{100}^{(21)})^2m_{200}^{(20)}m_{021}^{(21)} - 2(m_{100}^{(21)})^2m_{200}^{(20)}m_{012}^{(11)}
\end{aligned}
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\begin{aligned}
&-2(m_{100}^{(21)})^2 m_{200}^{(21)} m_{021}^{(20)} + 2(m_{100}^{(21)})^2 m_{200}^{(21)} m_{012}^{(10)} + 2(m_{100}^{(21)})^2 m_{200}^{(22)} m_{021}^{(10)} \\
&-3(m_{100}^{(21)})^2 m_{110}^{(10)} m_{111}^{(22)} - (m_{100}^{(21)})^2 m_{110}^{(10)} m_{102}^{(21)} + (m_{100}^{(21)})^2 m_{110}^{(11)} m_{102}^{(20)} \\
&+3(m_{100}^{(21)})^2 m_{110}^{(20)} m_{111}^{(21)} + (m_{100}^{(21)})^2 m_{110}^{(20)} m_{102}^{(11)} + 3(m_{100}^{(21)})^2 m_{110}^{(21)} m_{111}^{(20)} \\
&-(m_{100}^{(21)})^2 m_{110}^{(21)} m_{102}^{(10)} - 3(m_{100}^{(21)})^2 m_{110}^{(22)} m_{111}^{(10)} - (m_{100}^{(21)})^2 m_{101}^{(10)} m_{120}^{(22)} \\
&-3(m_{100}^{(21)})^2 m_{101}^{(10)} m_{111}^{(21)} + 3(m_{100}^{(21)})^2 m_{101}^{(11)} m_{111}^{(20)} + (m_{100}^{(21)})^2 m_{101}^{(20)} m_{120}^{(21)} \\
&+3(m_{100}^{(21)})^2 m_{101}^{(20)} m_{111}^{(11)} + (m_{100}^{(21)})^2 m_{101}^{(21)} m_{120}^{(20)} - 3(m_{100}^{(21)})^2 m_{101}^{(21)} m_{111}^{(10)} \\
&-(m_{100}^{(21)})^2 m_{101}^{(22)} m_{120}^{(10)} + (m_{100}^{(21)})^2 m_{020}^{(10)} m_{201}^{(22)} - (m_{100}^{(21)})^2 m_{020}^{(20)} m_{201}^{(21)} \\
&-(m_{100}^{(21)})^2 m_{020}^{(21)} m_{201}^{(20)} + (m_{100}^{(21)})^2 m_{020}^{(22)} m_{201}^{(10)} + (m_{100}^{(21)})^2 m_{011}^{(10)} m_{210}^{(22)} \\
&+(m_{100}^{(21)})^2 m_{011}^{(10)} m_{201}^{(21)} - (m_{100}^{(21)})^2 m_{011}^{(11)} m_{201}^{(20)} - (m_{100}^{(21)})^2 m_{011}^{(20)} m_{210}^{(21)} \\
&-(m_{100}^{(21)})^2 m_{011}^{(20)} m_{201}^{(11)} - (m_{100}^{(21)})^2 m_{011}^{(21)} m_{210}^{(20)} + (m_{100}^{(21)})^2 m_{011}^{(21)} m_{201}^{(10)} \\
&+(m_{100}^{(21)})^2 m_{011}^{(22)} m_{210}^{(10)} + (m_{100}^{(21)})^2 m_{002}^{(10)} m_{210}^{(21)} - (m_{100}^{(21)})^2 m_{002}^{(11)} m_{210}^{(20)} \\
&-(m_{100}^{(21)})^2 m_{002}^{(20)} m_{210}^{(11)} + (m_{100}^{(21)})^2 m_{002}^{(21)} m_{210}^{(10)} - m_{100}^{(21)} m_{100}^{(22)} m_{200}^{(10)} m_{030}^{(22)} \\
&-3m_{100}^{(21)} m_{100}^{(22)} m_{200}^{(10)} m_{021}^{(21)} + 3m_{100}^{(21)} m_{100}^{(22)} m_{200}^{(11)} m_{021}^{(20)} + m_{100}^{(21)} m_{100}^{(22)} m_{200}^{(20)} m_{030}^{(21)} \\
&+3m_{100}^{(21)} m_{100}^{(22)} m_{200}^{(20)} m_{021}^{(11)} + m_{100}^{(21)} m_{100}^{(22)} m_{200}^{(21)} m_{030}^{(20)} - 3m_{100}^{(21)} m_{100}^{(22)} m_{200}^{(21)} m_{021}^{(10)} \\
&-m_{100}^{(21)} m_{100}^{(22)} m_{200}^{(22)} m_{030}^{(10)} + 2m_{100}^{(21)} m_{100}^{(22)} m_{110}^{(10)} m_{120}^{(22)} + 4m_{100}^{(21)} m_{100}^{(22)} m_{110}^{(10)} m_{111}^{(21)} \\
&-4m_{100}^{(21)} m_{100}^{(22)} m_{110}^{(11)} m_{111}^{(20)} - 2m_{100}^{(21)} m_{100}^{(22)} m_{110}^{(20)} m_{120}^{(21)} - 4m_{100}^{(21)} m_{100}^{(22)} m_{110}^{(20)} m_{111}^{(11)} \\
&-2m_{100}^{(21)} m_{100}^{(22)} m_{110}^{(21)} m_{120}^{(20)} + 4m_{100}^{(21)} m_{100}^{(22)} m_{110}^{(21)} m_{111}^{(10)} + 2m_{100}^{(21)} m_{100}^{(22)} m_{110}^{(22)} m_{120}^{(10)} \\
&+2m_{100}^{(21)} m_{100}^{(22)} m_{101}^{(10)} m_{120}^{(21)} - 2m_{100}^{(21)} m_{100}^{(22)} m_{101}^{(11)} m_{120}^{(20)} - 2m_{100}^{(21)} m_{100}^{(22)} m_{101}^{(20)} m_{120}^{(11)} \\
&+2m_{100}^{(21)} m_{100}^{(22)} m_{101}^{(21)} m_{120}^{(10)} - m_{100}^{(21)} m_{100}^{(22)} m_{020}^{(10)} m_{210}^{(22)} - m_{100}^{(21)} m_{100}^{(22)} m_{020}^{(10)} m_{201}^{(21)} \\
&+m_{100}^{(21)} m_{100}^{(22)} m_{020}^{(11)} m_{201}^{(20)} + m_{100}^{(21)} m_{100}^{(22)} m_{020}^{(20)} m_{210}^{(21)} + m_{100}^{(21)} m_{100}^{(22)} m_{020}^{(20)} m_{201}^{(11)} \\
&+m_{100}^{(21)} m_{100}^{(22)} m_{020}^{(21)} m_{210}^{(20)} - m_{100}^{(21)} m_{100}^{(22)} m_{020}^{(21)} m_{201}^{(10)} - m_{100}^{(21)} m_{100}^{(22)} m_{020}^{(22)} m_{210}^{(10)} \\
&-2m_{100}^{(21)} m_{100}^{(22)} m_{011}^{(10)} m_{210}^{(21)} + 2m_{100}^{(21)} m_{100}^{(22)} m_{011}^{(11)} m_{210}^{(20)} + 2m_{100}^{(21)} m_{100}^{(22)} m_{011}^{(20)} m_{210}^{(11)} \\
&-2m_{100}^{(21)} m_{100}^{(22)} m_{011}^{(21)} m_{210}^{(10)} + m_{100}^{(21)} m_{010}^{(00)} m_{110}^{(10)} m_{012}^{(22)} - m_{100}^{(21)} m_{010}^{(00)} m_{110}^{(10)} m_{003}^{(21)} \\
&+m_{100}^{(21)} m_{010}^{(00)} m_{110}^{(11)} m_{003}^{(20)} - m_{100}^{(21)} m_{010}^{(00)} m_{110}^{(20)} m_{012}^{(21)} + m_{100}^{(21)} m_{010}^{(00)} m_{110}^{(20)} m_{003}^{(11)} \\
&-m_{100}^{(21)} m_{010}^{(00)} m_{110}^{(21)} m_{012}^{(20)} - m_{100}^{(21)} m_{010}^{(00)} m_{110}^{(21)} m_{003}^{(10)} + m_{100}^{(21)} m_{010}^{(00)} m_{110}^{(22)} m_{012}^{(10)} \\
&-m_{100}^{(21)} m_{010}^{(00)} m_{101}^{(10)} m_{021}^{(22)} + m_{100}^{(21)} m_{010}^{(00)} m_{101}^{(10)} m_{012}^{(21)} - m_{100}^{(21)} m_{010}^{(00)} m_{101}^{(11)} m_{012}^{(20)} \\
&+m_{100}^{(21)} m_{010}^{(00)} m_{101}^{(20)} m_{021}^{(21)} - m_{100}^{(21)} m_{010}^{(00)} m_{101}^{(20)} m_{012}^{(11)} + m_{100}^{(21)} m_{010}^{(00)} m_{101}^{(21)} m_{021}^{(20)} \\
&+m_{100}^{(21)} m_{010}^{(00)} m_{101}^{(21)} m_{012}^{(10)} - m_{100}^{(21)} m_{010}^{(00)} m_{101}^{(22)} m_{021}^{(10)} - m_{100}^{(21)} m_{010}^{(00)} m_{011}^{(10)} m_{111}^{(22)} \\
&+m_{100}^{(21)} m_{010}^{(00)} m_{011}^{(10)} m_{102}^{(21)} - m_{100}^{(21)} m_{010}^{(00)} m_{011}^{(11)} m_{102}^{(20)} + m_{100}^{(21)} m_{010}^{(00)} m_{011}^{(20)} m_{111}^{(21)} \\
&-m_{100}^{(21)} m_{010}^{(00)} m_{011}^{(20)} m_{102}^{(11)} + m_{100}^{(21)} m_{010}^{(00)} m_{011}^{(21)} m_{111}^{(20)} + m_{100}^{(21)} m_{010}^{(00)} m_{011}^{(21)} m_{102}^{(10)} \\
&-m_{100}^{(21)} m_{010}^{(00)} m_{011}^{(22)} m_{111}^{(10)} + m_{100}^{(21)} m_{010}^{(00)} m_{002}^{(10)} m_{120}^{(22)} - m_{100}^{(21)} m_{010}^{(00)} m_{002}^{(10)} m_{111}^{(21)} \\
&+m_{100}^{(21)} m_{010}^{(00)} m_{002}^{(11)} m_{111}^{(20)} - m_{100}^{(21)} m_{010}^{(00)} m_{002}^{(20)} m_{120}^{(21)} + m_{100}^{(21)} m_{010}^{(00)} m_{002}^{(20)} m_{111}^{(11)} \\
&-m_{100}^{(21)} m_{010}^{(00)} m_{002}^{(21)} m_{120}^{(20)} - m_{100}^{(21)} m_{010}^{(00)} m_{002}^{(21)} m_{111}^{(10)} + m_{100}^{(21)} m_{010}^{(00)} m_{002}^{(22)} m_{120}^{(10)} \\
&-m_{100}^{(21)} m_{010}^{(10)} m_{200}^{(10)} m_{012}^{(22)} + m_{100}^{(21)} m_{010}^{(10)} m_{200}^{(10)} m_{003}^{(21)} - m_{100}^{(21)} m_{010}^{(10)} m_{200}^{(11)} m_{003}^{(20)} \\
&+m_{100}^{(21)} m_{010}^{(10)} m_{200}^{(20)} m_{012}^{(21)} - m_{100}^{(21)} m_{010}^{(10)} m_{200}^{(20)} m_{003}^{(11)} + m_{100}^{(21)} m_{010}^{(10)} m_{200}^{(21)} m_{012}^{(20)} \\
&+m_{100}^{(21)} m_{010}^{(10)} m_{200}^{(21)} m_{003}^{(10)} - m_{100}^{(21)} m_{010}^{(10)} m_{200}^{(22)} m_{012}^{(10)} - 2m_{100}^{(21)} m_{010}^{(10)} m_{110}^{(00)} m_{012}^{(22)} \\
&+4m_{100}^{(21)} m_{010}^{(10)} m_{110}^{(20)} m_{012}^{(20)} - 2m_{100}^{(21)} m_{010}^{(10)} m_{110}^{(22)} m_{012}^{(00)} + 2m_{100}^{(21)} m_{010}^{(10)} m_{101}^{(00)} m_{021}^{(22)} \\
&+2m_{100}^{(21)} m_{010}^{(10)} m_{101}^{(10)} m_{111}^{(22)} - 2m_{100}^{(21)} m_{010}^{(10)} m_{101}^{(10)} m_{102}^{(21)} + 2m_{100}^{(21)} m_{010}^{(10)} m_{101}^{(11)} m_{102}^{(20)}
\end{aligned}
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\begin{aligned}
&-2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{111}^{(21)}+2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{102}^{(11)}-4m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{021}^{(20)}\\
&-2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(20)}-2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{102}^{(10)}+2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(22)}m_{111}^{(10)}\\
&+2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(22)}m_{021}^{(00)}+m_{100}^{(21)}m_{010}^{(10)}m_{020}^{(00)}m_{102}^{(22)}-2m_{100}^{(21)}m_{010}^{(10)}m_{020}^{(20)}m_{102}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(10)}m_{020}^{(22)}m_{102}^{(00)}-m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(00)}m_{120}^{(22)}-m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{210}^{(22)}\\
&+m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{201}^{(21)}-m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(11)}m_{201}^{(20)}+m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(20)}m_{210}^{(21)}\\
&-m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(20)}m_{201}^{(11)}+2m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(20)}m_{120}^{(20)}+m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(21)}m_{210}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(21)}m_{201}^{(10)}-m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(22)}m_{210}^{(10)}-m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(22)}m_{120}^{(00)}\\
&+2m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(00)}m_{012}^{(22)}-4m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(20)}m_{012}^{(20)}+2m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(22)}m_{012}^{(00)}\\
&-m_{100}^{(21)}m_{010}^{(11)}m_{110}^{(00)}m_{102}^{(22)}+2m_{100}^{(21)}m_{010}^{(11)}m_{110}^{(20)}m_{102}^{(20)}-m_{100}^{(21)}m_{010}^{(11)}m_{110}^{(22)}m_{102}^{(00)}\\
&-3m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(00)}m_{111}^{(22)}+6m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{111}^{(20)}-3m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(22)}m_{111}^{(00)}\\
&+m_{100}^{(21)}m_{010}^{(11)}m_{011}^{(00)}m_{201}^{(22)}-2m_{100}^{(21)}m_{010}^{(11)}m_{011}^{(20)}m_{201}^{(20)}+m_{100}^{(21)}m_{010}^{(11)}m_{011}^{(22)}m_{201}^{(00)}\\
&+m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(00)}m_{210}^{(22)}-2m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(20)}m_{210}^{(20)}+m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(22)}m_{210}^{(00)}\\
&+m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(10)}m_{021}^{(22)}-m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(10)}m_{012}^{(21)}+m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(11)}m_{012}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(20)}m_{021}^{(21)}+m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(20)}m_{012}^{(11)}-m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{021}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{012}^{(10)}+m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(22)}m_{021}^{(10)}+2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(00)}m_{012}^{(21)}\\
&+2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(10)}m_{102}^{(21)}-2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(10)}m_{012}^{(20)}-2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(11)}m_{102}^{(20)}\\
&-2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{102}^{(11)}-2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(10)}+2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{102}^{(10)}\\
&+2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{012}^{(00)}-2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(00)}m_{021}^{(21)}-2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{120}^{(22)}\\
&+2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{021}^{(20)}+2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{120}^{(21)}+2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{021}^{(10)}\\
&+2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{120}^{(20)}-2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{021}^{(00)}-2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(22)}m_{120}^{(10)}\\
&-m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(00)}m_{102}^{(21)}-m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(10)}m_{201}^{(22)}+m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(10)}m_{102}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(20)}m_{201}^{(21)}+m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(20)}m_{102}^{(10)}+m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(21)}m_{201}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(21)}m_{102}^{(00)}-m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(22)}m_{201}^{(10)}+2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{210}^{(22)}\\
&-2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{201}^{(21)}+2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(11)}m_{201}^{(20)}-2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{210}^{(21)}\\
&+2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{201}^{(11)}-2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(21)}m_{210}^{(20)}-2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(21)}m_{201}^{(10)}\\
&+2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(22)}m_{210}^{(10)}+m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(00)}m_{120}^{(21)}+m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(10)}m_{210}^{(21)}\\
&-m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(10)}m_{120}^{(20)}-m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(11)}m_{210}^{(20)}-m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(20)}m_{210}^{(11)}\\
&-m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(20)}m_{120}^{(10)}+m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(21)}m_{210}^{(10)}+m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(21)}m_{120}^{(00)}\\
&-2m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(00)}m_{021}^{(22)}-2m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(00)}m_{012}^{(21)}-m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(10)}m_{111}^{(22)}\\
&-m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(10)}m_{102}^{(21)}+2m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(20)}+m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(11)}m_{102}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{111}^{(21)}+m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{102}^{(11)}+4m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{021}^{(20)}\\
&+2m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(10)}+m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(20)}-m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(21)}m_{102}^{(10)}\\
&-2m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(21)}m_{012}^{(00)}-m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(22)}m_{111}^{(10)}-2m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(22)}m_{021}^{(00)}\\
&+3m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(00)}m_{111}^{(22)}+m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(00)}m_{102}^{(21)}+m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(10)}m_{201}^{(22)}\\
&-m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(10)}m_{102}^{(20)}-m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(20)}m_{201}^{(21)}-6m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(10)}-m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(21)}m_{201}^{(20)}+m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(21)}m_{102}^{(00)}\\
&+m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(22)}m_{201}^{(10)}+3m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(22)}m_{111}^{(00)}+m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{120}^{(22)}\\
&+3m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{111}^{(21)}+m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{210}^{(22)}+2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{201}^{(21)}
\end{aligned}
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\begin{aligned}
&-3m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(20)} - 2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(11)}m_{201}^{(20)} - m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{210}^{(21)}\\
&-2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{201}^{(11)} - 2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(20)} - 3m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(10)}\\
&-m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(21)}m_{210}^{(20)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(21)}m_{201}^{(10)} + 3m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(00)}\\
&+m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(22)}m_{210}^{(10)} + m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(22)}m_{120}^{(00)} - m_{100}^{(21)}m_{010}^{(21)}m_{020}^{(00)}m_{201}^{(22)}\\
&+2m_{100}^{(21)}m_{010}^{(21)}m_{020}^{(20)}m_{201}^{(20)} - m_{100}^{(21)}m_{010}^{(21)}m_{020}^{(22)}m_{201}^{(00)} - m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(00)}m_{210}^{(22)}\\
&-m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(00)}m_{201}^{(21)} - m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(10)}m_{300}^{(22)} + m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(20)}m_{300}^{(21)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(20)} + m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(10)}\\
&+m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(21)}m_{300}^{(20)} - m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(00)} - m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(22)}m_{300}^{(10)}\\
&-m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(22)}m_{210}^{(00)} - m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(00)}m_{210}^{(21)} - m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(10)}m_{300}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(10)}m_{210}^{(20)} + m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(11)}m_{300}^{(20)} + m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(20)}m_{300}^{(11)}\\
&+m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(20)}m_{210}^{(10)} - m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(21)}m_{300}^{(10)} - m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(21)}m_{210}^{(00)}\\
&+2m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(00)}m_{021}^{(21)} + m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{120}^{(22)} + m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{111}^{(21)}\\
&-2m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{021}^{(20)} - m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(11)}m_{111}^{(20)} - m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{120}^{(21)}\\
&-m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{111}^{(11)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(10)} - m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{120}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(10)} + 2m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{021}^{(00)} + m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(22)}m_{120}^{(10)}\\
&-3m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(00)}m_{111}^{(21)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{210}^{(22)} - m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{201}^{(21)}\\
&+3m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(20)} + m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(11)}m_{201}^{(20)} + 2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{210}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{201}^{(11)} + 3m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(10)} + 2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(21)}m_{210}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(10)} - 3m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(00)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(22)}m_{210}^{(10)}\\
&-m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(00)}m_{120}^{(21)} - m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{210}^{(21)} + m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{120}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(11)}m_{210}^{(20)} + m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(20)}m_{210}^{(11)} + m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(10)}\\
&-m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(10)} - m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(21)}m_{120}^{(00)} + m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(00)}m_{201}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(10)}m_{300}^{(22)} - m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(10)}m_{201}^{(20)} - m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(20)}m_{300}^{(21)}\\
&-m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(20)}m_{201}^{(10)} - m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(21)}m_{300}^{(20)} + m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(21)}m_{201}^{(00)}\\
&+m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(22)}m_{300}^{(10)} + m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{210}^{(21)} + m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(10)}m_{300}^{(21)}\\
&-m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(10)}m_{210}^{(20)} - m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(11)}m_{300}^{(20)} - m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(20)}m_{300}^{(11)}\\
&-m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(10)} + m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(21)}m_{300}^{(10)} + m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(21)}m_{210}^{(00)}\\
&+m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(10)}m_{021}^{(22)} - m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(10)}m_{012}^{(21)} + m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(11)}m_{012}^{(20)}\\
&-m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{021}^{(21)} + m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{012}^{(11)} - m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{021}^{(20)}\\
&-m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(10)} + m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(22)}m_{021}^{(10)} - m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(10)}m_{030}^{(22)}\\
&+m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(10)}m_{021}^{(21)} - m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(11)}m_{021}^{(20)} + m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(20)}m_{030}^{(21)}\\
&-m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(20)}m_{021}^{(11)} + m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{030}^{(20)} + m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(10)}\\
&-m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(22)}m_{030}^{(10)} - m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(10)}m_{111}^{(22)} + m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(10)}m_{102}^{(21)}\\
&-m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(11)}m_{102}^{(20)} + m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(20)}m_{111}^{(21)} - m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(20)}m_{102}^{(11)}\\
&+m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(21)}m_{111}^{(20)} + m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(10)} - m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(22)}m_{111}^{(10)}\\
&+m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{120}^{(22)} - m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(21)} + m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(11)}m_{111}^{(20)}\\
&-m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{120}^{(21)} + m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(11)} - m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{120}^{(20)}\\
&-m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(10)} + m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(22)}m_{120}^{(10)} - m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(10)}m_{021}^{(22)}
\end{aligned}
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\begin{aligned}
&+m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(10)}m_{012}^{(21)} - m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(11)}m_{012}^{(20)} + m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{021}^{(21)}\\
&-m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{012}^{(11)} + m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(20)} + m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(10)}\\
&-m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(22)}m_{021}^{(10)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(00)}m_{012}^{(21)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(21)}\\
&-2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(20)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(11)}m_{102}^{(20)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{102}^{(11)}\\
&-2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(10)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(10)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(00)}\\
&-2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{021}^{(21)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{120}^{(22)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(20)}\\
&-2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{120}^{(21)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(10)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(20)}\\
&-2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(00)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(22)}m_{120}^{(10)} - m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(00)}m_{102}^{(21)}\\
&+m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(10)}m_{201}^{(22)} + m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(20)} - m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(20)}m_{201}^{(21)}\\
&+m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(10)} - m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(21)}m_{201}^{(20)} - m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(21)}m_{102}^{(00)}\\
&+m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(22)}m_{201}^{(10)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{210}^{(22)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(21)}\\
&-2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(11)}m_{201}^{(20)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(21)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(11)}\\
&+2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{210}^{(20)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(10)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(22)}m_{210}^{(10)}\\
&+m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(00)}m_{120}^{(21)} - m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{210}^{(21)} - m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{120}^{(20)}\\
&+m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(11)}m_{210}^{(20)} + m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(20)}m_{210}^{(11)} - m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(10)}\\
&-m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(21)}m_{210}^{(10)} + m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(21)}m_{120}^{(00)} - 2m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(00)}m_{012}^{(21)}\\
&+m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{111}^{(22)} + m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{102}^{(21)} + 2m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(20)}\\
&-m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(11)}m_{102}^{(20)} - m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{111}^{(21)} - m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{102}^{(11)}\\
&+2m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(10)} - m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{111}^{(20)} + m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(10)}\\
&-2m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{012}^{(00)} + m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(22)}m_{111}^{(10)} + m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(00)}m_{102}^{(21)}\\
&-m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(10)}m_{201}^{(22)} - m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(20)} + m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{201}^{(21)}\\
&-m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(10)} + m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(21)}m_{201}^{(20)} + m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(21)}m_{102}^{(00)}\\
&-m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(22)}m_{201}^{(10)} + 3m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{111}^{(21)} - m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{210}^{(22)}\\
&-2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(21)} - 3m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(20)} + 2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(11)}m_{201}^{(20)}\\
&+m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{210}^{(21)} + 2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{201}^{(11)} - 3m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(10)}\\
&+m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{210}^{(20)} - 2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(10)} + 3m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(00)}\\
&-m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(22)}m_{210}^{(10)} - m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(00)}m_{201}^{(21)} + m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(10)}m_{300}^{(22)}\\
&+m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(20)} - m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(20)}m_{300}^{(21)} + m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(10)}\\
&-m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(21)}m_{300}^{(20)} - m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(21)}m_{201}^{(00)} + m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(22)}m_{300}^{(10)}\\
&-m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(00)}m_{210}^{(21)} + m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(10)}m_{300}^{(21)} + m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(10)}m_{210}^{(20)}\\
&-m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(11)}m_{300}^{(20)} - m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(20)}m_{300}^{(11)} + m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(10)}\\
&+m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(21)}m_{300}^{(10)} - m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(21)}m_{210}^{(00)} + m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{030}^{(22)}\\
&-m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(21)} + m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(20)} - m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{030}^{(21)}\\
&+m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{021}^{(11)} - m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{030}^{(20)} - m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(10)}\\
&+m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(22)}m_{030}^{(10)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{012}^{(11)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{120}^{(22)}\\
&+2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(21)} + 4m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(10)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(20)}\\
&-2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{012}^{(00)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(21)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(11)}\\
&+2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(20)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(10)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(22)}m_{120}^{(10)}
\end{aligned}
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$$+2m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(00)}m_{021}^{(11)} - 4m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(10)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{021}^{(00)}$$
$$+m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{102}^{(11)} + m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{210}^{(22)} - m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(21)}$$
$$-2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(10)} + m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(20)} + m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(11)}m_{102}^{(00)}$$
$$-m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(21)} + m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{201}^{(11)} - m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(21)}m_{210}^{(20)}$$
$$-m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(10)} + m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(22)}m_{210}^{(10)} - m_{100}^{(21)}m_{001}^{(20)}m_{002}^{(00)}m_{120}^{(11)}$$
$$+2m_{100}^{(21)}m_{001}^{(20)}m_{002}^{(10)}m_{120}^{(10)} - m_{100}^{(21)}m_{001}^{(20)}m_{002}^{(11)}m_{120}^{(00)} + 2m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(21)}$$
$$+2m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{012}^{(11)} - m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{120}^{(22)} - m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(21)}$$
$$-2m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(20)} - 4m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(10)} + m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(20)}$$
$$+2m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(11)}m_{012}^{(00)} + m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{120}^{(21)} + m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(11)}$$
$$-2m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(10)} + m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(20)} - m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(10)}$$
$$+2m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(00)} - m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(22)}m_{120}^{(10)} - 3m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(21)}$$
$$-m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{102}^{(11)} + 2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{210}^{(22)} + m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(21)}$$
$$+3m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(20)} + 2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(10)} - m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(20)}$$
$$-m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(11)}m_{102}^{(00)} - 2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(21)} - m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(11)}$$
$$+3m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(10)} - 2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(20)} + m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(10)}$$
$$-3m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(00)} + 2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(10)} - m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(21)}$$
$$-3m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(11)} + m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(21)} + m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(20)}$$
$$+6m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(10)} - m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(20)} - 3m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(11)}m_{111}^{(00)}$$
$$-m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(11)} + m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(10)} + m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(10)}$$
$$-m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(00)} + m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(21)} - m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(10)}m_{300}^{(22)}$$
$$-m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(20)} + m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{300}^{(21)} - m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(10)}$$
$$+m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(21)}m_{300}^{(20)} + m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(21)}m_{201}^{(00)} - m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(22)}m_{300}^{(10)}$$
$$+m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(21)} + m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{201}^{(11)} - m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(21)}$$
$$-m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(20)} - 2m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(10)} + m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(11)}m_{300}^{(20)}$$
$$+m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(11)}m_{201}^{(00)} + m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(11)} - m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(10)}$$
$$-m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(10)} + m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(00)} + m_{100}^{(21)}m_{001}^{(21)}m_{002}^{(00)}m_{210}^{(11)}$$
$$-2m_{100}^{(21)}m_{001}^{(21)}m_{002}^{(10)}m_{210}^{(10)} + m_{100}^{(21)}m_{001}^{(21)}m_{002}^{(11)}m_{210}^{(00)} - 2m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(00)}m_{021}^{(11)}$$
$$+4m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(10)} - 2m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{021}^{(00)} + 3m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{111}^{(11)}$$
$$-6m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(10)} + 3m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(11)}m_{111}^{(00)} + m_{100}^{(21)}m_{001}^{(22)}m_{101}^{(00)}m_{120}^{(11)}$$
$$-2m_{100}^{(21)}m_{001}^{(22)}m_{101}^{(10)}m_{120}^{(10)} + m_{100}^{(21)}m_{001}^{(22)}m_{101}^{(11)}m_{120}^{(00)} - m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{201}^{(11)}$$
$$+2m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(10)} - m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(11)}m_{201}^{(00)} - m_{100}^{(21)}m_{001}^{(22)}m_{011}^{(00)}m_{210}^{(11)}$$
$$+2m_{100}^{(21)}m_{001}^{(22)}m_{011}^{(10)}m_{210}^{(10)} - m_{100}^{(21)}m_{001}^{(22)}m_{011}^{(11)}m_{210}^{(00)} + (m_{100}^{(22)})^2m_{200}^{(10)}m_{030}^{(21)}$$
$$-(m_{100}^{(22)})^2m_{200}^{(11)}m_{030}^{(20)} - (m_{100}^{(22)})^2m_{200}^{(20)}m_{030}^{(11)} + (m_{100}^{(22)})^2m_{200}^{(21)}m_{030}^{(10)}$$
$$-2(m_{100}^{(22)})^2m_{110}^{(10)}m_{120}^{(21)} + 2(m_{100}^{(22)})^2m_{110}^{(11)}m_{120}^{(20)} + 2(m_{100}^{(22)})^2m_{110}^{(20)}m_{120}^{(11)}$$
$$-2(m_{100}^{(22)})^2m_{110}^{(21)}m_{120}^{(10)} + (m_{100}^{(22)})^2m_{020}^{(10)}m_{210}^{(21)} - (m_{100}^{(22)})^2m_{020}^{(11)}m_{210}^{(20)}$$
$$-(m_{100}^{(22)})^2m_{020}^{(20)}m_{210}^{(11)} + (m_{100}^{(22)})^2m_{020}^{(21)}m_{210}^{(10)} - m_{100}^{(22)}m_{010}^{(00)}m_{110}^{(10)}m_{021}^{(22)}$$
$$+m_{100}^{(22)}m_{010}^{(00)}m_{110}^{(10)}m_{012}^{(21)} - m_{100}^{(22)}m_{010}^{(00)}m_{110}^{(11)}m_{012}^{(20)} + m_{100}^{(22)}m_{010}^{(00)}m_{110}^{(20)}m_{021}^{(21)}$$
$$-m_{100}^{(22)}m_{010}^{(00)}m_{110}^{(20)}m_{012}^{(11)} + m_{100}^{(22)}m_{010}^{(00)}m_{110}^{(21)}m_{021}^{(20)} + m_{100}^{(22)}m_{010}^{(00)}m_{110}^{(21)}m_{012}^{(10)}$$

$$
\begin{aligned}
&-m_{100}^{(22)}m_{010}^{(00)}m_{110}^{(22)}m_{021}^{(10)}+m_{100}^{(22)}m_{010}^{(00)}m_{101}^{(10)}m_{030}^{(22)}-m_{100}^{(22)}m_{010}^{(00)}m_{101}^{(10)}m_{021}^{(21)}\\
&+m_{100}^{(22)}m_{010}^{(00)}m_{101}^{(11)}m_{021}^{(20)}-m_{100}^{(22)}m_{010}^{(00)}m_{101}^{(20)}m_{030}^{(21)}+m_{100}^{(22)}m_{010}^{(00)}m_{101}^{(20)}m_{021}^{(11)}\\
&-m_{100}^{(22)}m_{010}^{(00)}m_{101}^{(21)}m_{030}^{(20)}-m_{100}^{(22)}m_{010}^{(00)}m_{101}^{(21)}m_{021}^{(10)}+m_{100}^{(22)}m_{010}^{(00)}m_{101}^{(22)}m_{030}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(10)}m_{111}^{(22)}-m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(10)}m_{102}^{(21)}+m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(11)}m_{102}^{(20)}\\
&-m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(20)}m_{111}^{(21)}+m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(20)}m_{102}^{(11)}-m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(21)}m_{111}^{(20)}\\
&-m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(21)}m_{102}^{(10)}+m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(22)}m_{111}^{(10)}-m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(10)}m_{120}^{(22)}\\
&+m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(10)}m_{111}^{(21)}-m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(11)}m_{111}^{(20)}+m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(20)}m_{120}^{(21)}\\
&-m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(20)}m_{111}^{(11)}+m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(21)}m_{120}^{(20)}+m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(21)}m_{111}^{(10)}\\
&-m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(22)}m_{120}^{(10)}+m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(10)}m_{021}^{(22)}-m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(10)}m_{012}^{(21)}\\
&+m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(11)}m_{012}^{(20)}-m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(20)}m_{021}^{(21)}+m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(20)}m_{012}^{(11)}\\
&-m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(21)}m_{021}^{(20)}-m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(21)}m_{012}^{(10)}+m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(22)}m_{021}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(00)}m_{021}^{(22)}-m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(10)}m_{111}^{(22)}+m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(10)}m_{102}^{(21)}\\
&-m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(11)}m_{102}^{(20)}+m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(20)}m_{111}^{(21)}-m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(20)}m_{102}^{(11)}\\
&-2m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(20)}m_{021}^{(20)}+m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(21)}m_{111}^{(20)}+m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(21)}m_{102}^{(10)}\\
&-m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(22)}m_{111}^{(10)}+m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(22)}m_{021}^{(00)}-m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(00)}m_{030}^{(22)}\\
&-m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(10)}m_{120}^{(22)}+m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(10)}m_{111}^{(21)}-m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(11)}m_{111}^{(20)}\\
&+m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(20)}m_{120}^{(21)}-m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(20)}m_{111}^{(11)}+2m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(20)}m_{030}^{(20)}\\
&+m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(21)}m_{120}^{(20)}+m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(10)}-m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(22)}m_{120}^{(10)}\\
&-m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(22)}m_{030}^{(00)}-m_{100}^{(22)}m_{010}^{(10)}m_{020}^{(00)}m_{111}^{(22)}+2m_{100}^{(22)}m_{010}^{(10)}m_{020}^{(20)}m_{111}^{(20)}\\
&-m_{100}^{(22)}m_{010}^{(10)}m_{020}^{(22)}m_{111}^{(00)}+m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(00)}m_{120}^{(22)}+m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(10)}m_{210}^{(22)}\\
&-m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(10)}m_{201}^{(21)}+m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(11)}m_{201}^{(20)}-m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(20)}m_{210}^{(21)}\\
&+m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(20)}m_{201}^{(11)}-2m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(20)}m_{120}^{(20)}-m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(21)}m_{210}^{(20)}\\
&-m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(21)}m_{201}^{(10)}+m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(22)}m_{210}^{(10)}+m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(22)}m_{120}^{(00)}\\
&-m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(00)}m_{021}^{(22)}+2m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(20)}m_{021}^{(20)}-m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(22)}m_{021}^{(00)}\\
&+m_{100}^{(22)}m_{010}^{(11)}m_{110}^{(00)}m_{111}^{(22)}-2m_{100}^{(22)}m_{010}^{(11)}m_{110}^{(20)}m_{111}^{(20)}+m_{100}^{(22)}m_{010}^{(11)}m_{110}^{(22)}m_{111}^{(00)}\\
&+m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(00)}m_{120}^{(22)}-2m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(20)}m_{120}^{(20)}+m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(22)}m_{120}^{(00)}\\
&-m_{100}^{(22)}m_{010}^{(11)}m_{011}^{(00)}m_{210}^{(22)}+2m_{100}^{(22)}m_{010}^{(11)}m_{011}^{(20)}m_{210}^{(20)}-m_{100}^{(22)}m_{010}^{(11)}m_{011}^{(22)}m_{210}^{(00)}\\
&-m_{100}^{(22)}m_{010}^{(20)}m_{200}^{(10)}m_{030}^{(22)}+m_{100}^{(22)}m_{010}^{(20)}m_{200}^{(10)}m_{021}^{(21)}-m_{100}^{(22)}m_{010}^{(20)}m_{200}^{(11)}m_{021}^{(20)}\\
&+m_{100}^{(22)}m_{010}^{(20)}m_{200}^{(20)}m_{030}^{(21)}-m_{100}^{(22)}m_{010}^{(20)}m_{200}^{(20)}m_{021}^{(11)}+m_{100}^{(22)}m_{010}^{(20)}m_{200}^{(21)}m_{030}^{(20)}\\
&+m_{100}^{(22)}m_{010}^{(20)}m_{200}^{(21)}m_{021}^{(10)}-m_{100}^{(22)}m_{010}^{(20)}m_{200}^{(22)}m_{030}^{(10)}-m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(00)}m_{021}^{(21)}\\
&+2m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(10)}m_{120}^{(22)}-3m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(10)}m_{111}^{(21)}+m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(10)}m_{021}^{(20)}\\
&+3m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(11)}m_{111}^{(20)}-2m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(20)}m_{120}^{(21)}+3m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(20)}m_{111}^{(11)}\\
&+m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(20)}m_{021}^{(10)}-2m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(21)}m_{120}^{(20)}-3m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(21)}m_{111}^{(10)}\\
&-m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(21)}m_{021}^{(00)}+2m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(22)}m_{120}^{(10)}+m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(00)}m_{030}^{(21)}\\
&+m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(10)}m_{120}^{(21)}-m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(10)}m_{030}^{(20)}-m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(11)}m_{120}^{(20)}\\
&-m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(20)}m_{120}^{(11)}-m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(20)}m_{030}^{(10)}+m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(21)}m_{120}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(21)}m_{030}^{(00)}+m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(00)}m_{111}^{(21)}-m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(10)}m_{210}^{(22)}\\
&+2m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(10)}m_{201}^{(21)}-m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(10)}m_{111}^{(20)}-2m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(11)}m_{201}^{(20)}
\end{aligned}
$$

$$+m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(20)}m_{210}^{(21)} - 2m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(20)}m_{201}^{(11)} - m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(20)}m_{111}^{(10)}$$
$$+m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(21)}m_{210}^{(20)} + 2m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(21)}m_{201}^{(10)} + m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(21)}m_{111}^{(00)}$$
$$-m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(22)}m_{210}^{(10)} - m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(00)}m_{120}^{(21)} - m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{210}^{(21)}$$
$$+m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{120}^{(20)} + m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(11)}m_{210}^{(20)} + m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(20)}m_{210}^{(11)}$$
$$+m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(20)}m_{120}^{(10)} - m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(21)}m_{210}^{(10)} - m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(21)}m_{120}^{(00)}$$
$$+m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(00)}m_{030}^{(22)} + m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(00)}m_{021}^{(21)} + m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(10)}m_{111}^{(21)}$$
$$-m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(10)}m_{021}^{(20)} - m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(11)}m_{111}^{(20)} - m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(20)}m_{111}^{(11)}$$
$$-2m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(20)}m_{030}^{(20)} - m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(20)}m_{021}^{(10)} + m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(10)}$$
$$+m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(21)}m_{021}^{(00)} + m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(22)}m_{030}^{(00)} - 2m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(00)}m_{120}^{(22)}$$
$$-m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(00)}m_{111}^{(21)} - m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{201}^{(21)} + m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{111}^{(20)}$$
$$+m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(11)}m_{201}^{(20)} + m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(20)}m_{201}^{(11)} + 4m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(20)}m_{120}^{(20)}$$
$$+m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(10)} - m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(21)}m_{201}^{(10)} - m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(21)}m_{111}^{(00)}$$
$$-2m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(22)}m_{120}^{(00)} - m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(00)}m_{120}^{(21)} - m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(10)}m_{210}^{(21)}$$
$$+m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(10)}m_{120}^{(20)} + m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(11)}m_{210}^{(20)} + m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(20)}m_{210}^{(11)}$$
$$+m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(10)} - m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(21)}m_{210}^{(10)} - m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(21)}m_{120}^{(00)}$$
$$+m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(00)}m_{210}^{(22)} - 2m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(20)}m_{210}^{(20)} + m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(22)}m_{210}^{(00)}$$
$$+m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(00)}m_{210}^{(21)} + m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(10)}m_{300}^{(21)} - m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(10)}m_{210}^{(20)}$$
$$-m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(11)}m_{300}^{(20)} - m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(20)}m_{300}^{(11)} - m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(10)}$$
$$+m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(21)}m_{300}^{(10)} + m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(21)}m_{210}^{(00)} - m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(00)}m_{030}^{(21)}$$
$$-m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(10)}m_{120}^{(21)} + m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(10)}m_{030}^{(20)} + m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(11)}m_{120}^{(20)}$$
$$+m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(20)}m_{120}^{(11)} + m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(20)}m_{030}^{(10)} - m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(21)}m_{120}^{(10)}$$
$$-m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(21)}m_{030}^{(00)} + 2m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(00)}m_{120}^{(21)} + 2m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(10)}m_{210}^{(21)}$$
$$-2m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(10)}m_{120}^{(20)} - 2m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(11)}m_{210}^{(20)} - 2m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(20)}m_{210}^{(11)}$$
$$-2m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(20)}m_{120}^{(10)} + 2m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(21)}m_{210}^{(10)} + 2m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(21)}m_{120}^{(00)}$$
$$-m_{100}^{(22)}m_{010}^{(22)}m_{020}^{(00)}m_{210}^{(21)} - m_{100}^{(22)}m_{010}^{(22)}m_{020}^{(10)}m_{300}^{(21)} + m_{100}^{(22)}m_{010}^{(22)}m_{020}^{(10)}m_{210}^{(20)}$$
$$+m_{100}^{(22)}m_{010}^{(22)}m_{020}^{(11)}m_{300}^{(20)} + m_{100}^{(22)}m_{010}^{(22)}m_{020}^{(20)}m_{300}^{(11)} + m_{100}^{(22)}m_{010}^{(22)}m_{020}^{(20)}m_{210}^{(10)}$$
$$-m_{100}^{(22)}m_{010}^{(22)}m_{020}^{(21)}m_{300}^{(10)} - m_{100}^{(22)}m_{010}^{(22)}m_{020}^{(21)}m_{210}^{(00)} - m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(00)}m_{021}^{(21)}$$
$$+m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{111}^{(21)} + m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{021}^{(20)} - m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(11)}m_{111}^{(20)}$$
$$-m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(11)} + m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(10)} + m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(10)}$$
$$-m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(21)}m_{021}^{(00)} + m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(00)}m_{030}^{(21)} - m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(10)}m_{120}^{(21)}$$
$$-m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(10)}m_{030}^{(20)} + m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(11)}m_{120}^{(20)} + m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(20)}m_{120}^{(11)}$$
$$-m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(20)}m_{030}^{(10)} - m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(10)} + m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(21)}m_{030}^{(00)}$$
$$+m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(00)}m_{111}^{(21)} - m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(10)}m_{201}^{(21)} - m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(10)}m_{111}^{(20)}$$
$$+m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(11)}m_{201}^{(20)} + m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(20)}m_{201}^{(11)} - m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(20)}m_{111}^{(10)}$$
$$-m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(21)}m_{201}^{(10)} + m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(21)}m_{111}^{(00)} - m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(00)}m_{120}^{(21)}$$
$$+m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(10)}m_{210}^{(21)} + m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(10)}m_{120}^{(20)} - m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(11)}m_{210}^{(20)}$$
$$-m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(11)} + m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(10)} + m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(21)}m_{210}^{(10)}$$
$$-m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(21)}m_{120}^{(00)} + m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(00)}m_{021}^{(21)} - m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(10)}m_{111}^{(21)}$$

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\begin{aligned}
&-m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(10)}m_{021}^{(20)} + m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(11)}m_{111}^{(20)} + m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(20)}m_{111}^{(11)}\\
&-m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(20)}m_{021}^{(10)} - m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(21)}m_{111}^{(10)} + m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(21)}m_{021}^{(00)}\\
&-m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(00)}m_{111}^{(21)} + m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(10)}m_{201}^{(21)} + m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(10)}m_{111}^{(20)}\\
&-m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(11)}m_{201}^{(20)} - m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(20)}m_{201}^{(11)} + m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(10)}\\
&+m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(21)}m_{201}^{(10)} - m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(21)}m_{111}^{(00)} - m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(00)}m_{120}^{(21)}\\
&+m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(10)}m_{210}^{(21)} + m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(10)}m_{120}^{(20)} - m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(11)}m_{210}^{(20)}\\
&-m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(20)}m_{210}^{(11)} + m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(20)}m_{120}^{(10)} + m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(21)}m_{210}^{(10)}\\
&-m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(21)}m_{120}^{(00)} + m_{100}^{(22)}m_{001}^{(11)}m_{011}^{(00)}m_{210}^{(21)} - m_{100}^{(22)}m_{001}^{(11)}m_{011}^{(10)}m_{300}^{(21)}\\
&-m_{100}^{(22)}m_{001}^{(11)}m_{011}^{(10)}m_{210}^{(20)} + m_{100}^{(22)}m_{001}^{(11)}m_{011}^{(11)}m_{300}^{(20)} + m_{100}^{(22)}m_{001}^{(11)}m_{011}^{(20)}m_{300}^{(11)}\\
&-m_{100}^{(22)}m_{001}^{(11)}m_{011}^{(20)}m_{210}^{(10)} - m_{100}^{(22)}m_{001}^{(11)}m_{011}^{(21)}m_{300}^{(10)} + m_{100}^{(22)}m_{001}^{(11)}m_{011}^{(21)}m_{210}^{(00)}\\
&+m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(00)}m_{021}^{(11)} - 2m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(10)} + m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{021}^{(00)}\\
&-m_{100}^{(22)}m_{001}^{(20)}m_{101}^{(00)}m_{030}^{(11)} + 2m_{100}^{(22)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(10)} - m_{100}^{(22)}m_{001}^{(20)}m_{101}^{(11)}m_{030}^{(00)}\\
&-m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(11)} + 2m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(10)} - m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(11)}m_{111}^{(00)}\\
&+m_{100}^{(22)}m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(11)} - 2m_{100}^{(22)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(10)} + m_{100}^{(22)}m_{001}^{(20)}m_{011}^{(11)}m_{120}^{(00)}\\
&-m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(00)}m_{030}^{(21)} - m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(11)} + m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{120}^{(21)}\\
&+m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{030}^{(20)} + 2m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(10)} - m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{120}^{(20)}\\
&-m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{021}^{(00)} - m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(20)}m_{120}^{(11)} + m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(20)}m_{030}^{(10)}\\
&+m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(10)} - m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(21)}m_{030}^{(00)} + 2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{120}^{(21)}\\
&+m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(11)} - 2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{210}^{(21)} - 2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{120}^{(20)}\\
&-2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(10)} + 2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(11)}m_{210}^{(20)} + m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(11)}m_{111}^{(00)}\\
&+2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(11)} - 2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(10)} - 2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(10)}\\
&+2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(21)}m_{120}^{(00)} + m_{100}^{(22)}m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(11)} - 2m_{100}^{(22)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(10)}\\
&+m_{100}^{(22)}m_{001}^{(21)}m_{101}^{(11)}m_{120}^{(00)} - m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{210}^{(21)} + m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(10)}m_{300}^{(21)}\\
&+m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(10)}m_{210}^{(20)} - m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(11)}m_{300}^{(20)} - m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(20)}m_{300}^{(11)}\\
&+m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(10)} + m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(21)}m_{300}^{(10)} - m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(21)}m_{210}^{(00)}\\
&-m_{100}^{(22)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(11)} + 2m_{100}^{(22)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(10)} - m_{100}^{(22)}m_{001}^{(21)}m_{011}^{(11)}m_{210}^{(00)}\\
&+m_{100}^{(22)}m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(11)} - 2m_{100}^{(22)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(10)} + m_{100}^{(22)}m_{001}^{(22)}m_{200}^{(11)}m_{030}^{(00)}\\
&-2m_{100}^{(22)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(11)} + 4m_{100}^{(22)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(10)} - 2m_{100}^{(22)}m_{001}^{(22)}m_{110}^{(11)}m_{120}^{(00)}\\
&+m_{100}^{(22)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(11)} - 2m_{100}^{(22)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(10)} + m_{100}^{(22)}m_{001}^{(22)}m_{020}^{(11)}m_{210}^{(00)}\\
&-(m_{010}^{(00)})^2m_{020}^{(10)}m_{003}^{(22)} + (m_{010}^{(00)})^2m_{020}^{(20)}m_{003}^{(21)} + (m_{010}^{(00)})^2m_{020}^{(21)}m_{003}^{(20)}\\
&-(m_{010}^{(00)})^2m_{020}^{(22)}m_{003}^{(10)} + 2(m_{010}^{(00)})^2m_{011}^{(10)}m_{012}^{(22)} - 2(m_{010}^{(00)})^2m_{011}^{(20)}m_{012}^{(21)}\\
&-2(m_{010}^{(00)})^2m_{011}^{(21)}m_{012}^{(20)} + 2(m_{010}^{(00)})^2m_{011}^{(22)}m_{012}^{(10)} - (m_{010}^{(00)})^2m_{002}^{(10)}m_{021}^{(22)}\\
&+(m_{010}^{(00)})^2m_{002}^{(20)}m_{021}^{(21)} + (m_{010}^{(00)})^2m_{002}^{(21)}m_{021}^{(20)} - (m_{010}^{(00)})^2m_{002}^{(22)}m_{021}^{(10)}\\
&+2m_{010}^{(00)}m_{010}^{(10)}m_{110}^{(10)}m_{003}^{(22)} - 2m_{010}^{(00)}m_{010}^{(10)}m_{110}^{(20)}m_{003}^{(21)} - 2m_{010}^{(00)}m_{010}^{(10)}m_{110}^{(21)}m_{003}^{(20)}\\
&+2m_{010}^{(00)}m_{010}^{(10)}m_{110}^{(22)}m_{003}^{(10)} - 2m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(10)}m_{012}^{(22)} + 2m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(20)}m_{012}^{(21)}\\
&+2m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(21)}m_{012}^{(20)} - 2m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(22)}m_{012}^{(10)} + m_{010}^{(00)}m_{010}^{(10)}m_{020}^{(00)}m_{003}^{(22)}\\
&-2m_{010}^{(00)}m_{010}^{(10)}m_{020}^{(20)}m_{003}^{(20)} + m_{010}^{(00)}m_{010}^{(10)}m_{020}^{(22)}m_{003}^{(00)} - 2m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(00)}m_{012}^{(22)}\\
&-2m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(10)}m_{102}^{(22)} + 2m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(20)}m_{102}^{(21)} + 4m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(20)}m_{012}^{(20)}
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&+2m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{102}^{(20)} - 2m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(22)}m_{102}^{(10)} - 2m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(22)}m_{012}^{(00)}\\
&+m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(00)}m_{021}^{(22)} + 2m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(10)}m_{111}^{(22)} - 2m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(20)}m_{111}^{(21)}\\
&-2m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(20)}m_{021}^{(20)} - 2m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(21)}m_{111}^{(20)} + 2m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(22)}m_{111}^{(10)}\\
&+m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(22)}m_{021}^{(00)} - m_{010}^{(00)}m_{010}^{(11)}m_{110}^{(00)}m_{003}^{(22)} + 2m_{010}^{(00)}m_{010}^{(11)}m_{110}^{(20)}m_{003}^{(20)}\\
&-m_{010}^{(00)}m_{010}^{(11)}m_{110}^{(22)}m_{003}^{(00)} + m_{010}^{(00)}m_{010}^{(11)}m_{101}^{(00)}m_{012}^{(22)} - 2m_{010}^{(00)}m_{010}^{(11)}m_{101}^{(20)}m_{012}^{(20)}\\
&+m_{010}^{(00)}m_{010}^{(11)}m_{101}^{(22)}m_{012}^{(00)} + m_{010}^{(00)}m_{010}^{(11)}m_{011}^{(00)}m_{102}^{(22)} - 2m_{010}^{(00)}m_{010}^{(11)}m_{011}^{(20)}m_{102}^{(20)}\\
&+m_{010}^{(00)}m_{010}^{(11)}m_{011}^{(22)}m_{102}^{(00)} - m_{010}^{(00)}m_{010}^{(11)}m_{002}^{(00)}m_{111}^{(22)} + 2m_{010}^{(00)}m_{010}^{(11)}m_{002}^{(20)}m_{111}^{(20)}\\
&-m_{010}^{(00)}m_{010}^{(11)}m_{002}^{(22)}m_{111}^{(00)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(10)}m_{012}^{(22)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(21)}\\
&+2m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{012}^{(20)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(22)}m_{012}^{(10)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(10)}m_{021}^{(22)}\\
&-2m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(20)}m_{021}^{(21)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(21)}m_{021}^{(20)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(22)}m_{021}^{(10)}\\
&-m_{010}^{(00)}m_{010}^{(20)}m_{020}^{(00)}m_{003}^{(21)} + 3m_{010}^{(00)}m_{010}^{(20)}m_{020}^{(10)}m_{102}^{(22)} + m_{010}^{(00)}m_{010}^{(20)}m_{020}^{(10)}m_{003}^{(20)}\\
&-3m_{010}^{(00)}m_{010}^{(20)}m_{020}^{(20)}m_{102}^{(21)} + m_{010}^{(00)}m_{010}^{(20)}m_{020}^{(20)}m_{003}^{(10)} - 3m_{010}^{(00)}m_{010}^{(20)}m_{020}^{(21)}m_{102}^{(20)}\\
&-m_{010}^{(00)}m_{010}^{(20)}m_{020}^{(21)}m_{003}^{(00)} + 3m_{010}^{(00)}m_{010}^{(20)}m_{020}^{(22)}m_{102}^{(10)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(00)}m_{012}^{(21)}\\
&-4m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(22)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(10)}m_{012}^{(20)} + 4m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(21)}\\
&-2m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(20)}m_{012}^{(10)} + 4m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(20)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{012}^{(00)}\\
&-4m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(22)}m_{111}^{(10)} - m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(00)}m_{021}^{(21)} + m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(10)}m_{120}^{(22)}\\
&+m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(10)}m_{021}^{(20)} - m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(20)}m_{120}^{(21)} + m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(20)}m_{021}^{(10)}\\
&-m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{120}^{(20)} - m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{021}^{(00)} + m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(22)}m_{120}^{(10)}\\
&+m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(00)}m_{012}^{(22)} + m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(00)}m_{003}^{(21)} - m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(10)}m_{102}^{(22)}\\
&-m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(10)}m_{003}^{(20)} + m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(21)} - 2m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(20)}m_{012}^{(20)}\\
&-m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(20)}m_{003}^{(10)} + m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(21)}m_{102}^{(20)} + m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(21)}m_{003}^{(00)}\\
&-m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(22)}m_{102}^{(10)} + m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(22)}m_{012}^{(00)} - m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(00)}m_{021}^{(22)}\\
&-m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(00)}m_{012}^{(21)} + m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(22)} + m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(10)}m_{012}^{(20)}\\
&-m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(21)} + 2m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(20)}m_{021}^{(20)} + m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(20)}m_{012}^{(10)}\\
&-m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(20)} - m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{012}^{(00)} + m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(22)}m_{111}^{(10)}\\
&-m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(22)}m_{021}^{(00)} - m_{010}^{(00)}m_{010}^{(21)}m_{020}^{(00)}m_{102}^{(22)} + 2m_{010}^{(00)}m_{010}^{(21)}m_{020}^{(20)}m_{102}^{(20)}\\
&-m_{010}^{(00)}m_{010}^{(21)}m_{020}^{(22)}m_{102}^{(00)} + m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(00)}m_{111}^{(22)} - m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(00)}m_{102}^{(21)}\\
&+m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(22)} + m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(10)}m_{102}^{(20)} - m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(21)}\\
&-2m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{111}^{(20)} + m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{102}^{(10)} - m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(20)}\\
&-m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{102}^{(00)} + m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{201}^{(10)} + m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{111}^{(00)}\\
&+m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(00)}m_{111}^{(21)} - m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(10)}m_{210}^{(22)} - m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(10)}m_{111}^{(20)}\\
&+m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(20)}m_{210}^{(21)} - m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(20)}m_{111}^{(10)} + m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(21)}m_{210}^{(20)}\\
&+m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(21)}m_{111}^{(00)} - m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(22)}m_{210}^{(10)} - m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(00)}m_{012}^{(21)}\\
&+m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(22)} + m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(10)}m_{012}^{(20)} - m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(21)}\\
&+m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(20)}m_{012}^{(10)} - m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(20)} - m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{012}^{(00)}\\
&+m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(22)}m_{111}^{(10)} + m_{010}^{(00)}m_{010}^{(22)}m_{101}^{(00)}m_{021}^{(21)} - m_{010}^{(00)}m_{010}^{(22)}m_{101}^{(10)}m_{120}^{(22)}\\
&-m_{010}^{(00)}m_{010}^{(22)}m_{101}^{(10)}m_{021}^{(20)} + m_{010}^{(00)}m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(21)} - m_{010}^{(00)}m_{010}^{(22)}m_{101}^{(20)}m_{021}^{(10)}\\
&+m_{010}^{(00)}m_{010}^{(22)}m_{101}^{(21)}m_{120}^{(20)} + m_{010}^{(00)}m_{010}^{(22)}m_{101}^{(21)}m_{021}^{(00)} - m_{010}^{(00)}m_{010}^{(22)}m_{101}^{(22)}m_{120}^{(10)}
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&+m_{010}^{(00)}m_{010}^{(22)}m_{020}^{(00)}m_{102}^{(21)} - m_{010}^{(00)}m_{010}^{(22)}m_{020}^{(10)}m_{201}^{(22)} - m_{010}^{(00)}m_{010}^{(22)}m_{020}^{(10)}m_{102}^{(20)}\\
&+m_{010}^{(00)}m_{010}^{(22)}m_{020}^{(20)}m_{201}^{(21)} - m_{010}^{(00)}m_{010}^{(22)}m_{020}^{(20)}m_{102}^{(10)} + m_{010}^{(00)}m_{010}^{(22)}m_{020}^{(21)}m_{201}^{(20)}\\
&+m_{010}^{(00)}m_{010}^{(22)}m_{020}^{(21)}m_{102}^{(00)} - m_{010}^{(00)}m_{010}^{(22)}m_{020}^{(22)}m_{201}^{(10)} - m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(00)}m_{111}^{(21)}\\
&+m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(10)}m_{210}^{(22)} + m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(10)}m_{111}^{(20)} - m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(21)}\\
&+m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(20)}m_{111}^{(10)} - m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{210}^{(20)} - m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{111}^{(00)}\\
&+m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(22)}m_{210}^{(10)} + m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(10)}m_{012}^{(22)} + m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(10)}m_{003}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(11)}m_{003}^{(20)} - m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(20)}m_{012}^{(21)} - m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(20)}m_{003}^{(11)}\\
&-m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(21)}m_{012}^{(20)} + m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(21)}m_{003}^{(10)} + m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(22)}m_{012}^{(10)}\\
&-2m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(10)}m_{021}^{(22)} - 2m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(21)} + 2m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(11)}m_{012}^{(20)}\\
&+2m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(21)} + 2m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(20)}m_{012}^{(11)} + 2m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(21)}m_{021}^{(20)}\\
&-2m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(21)}m_{012}^{(10)} - 2m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(22)}m_{021}^{(10)} + m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(10)}m_{030}^{(22)}\\
&+m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(10)}m_{021}^{(21)} - m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(11)}m_{021}^{(20)} - m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(20)}m_{030}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(20)}m_{021}^{(11)} - m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(21)}m_{030}^{(20)} + m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(21)}m_{021}^{(10)}\\
&+m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(22)}m_{030}^{(10)} - m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(22)} - m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(10)}m_{003}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(11)}m_{003}^{(20)} + m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(21)} + m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(20)}m_{003}^{(11)}\\
&+m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(20)} - m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{003}^{(10)} - m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{012}^{(10)}\\
&+m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(22)} + m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(21)} - m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(11)}m_{012}^{(20)}\\
&-m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(21)} - m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(20)}m_{012}^{(11)} - m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(20)}\\
&+m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{012}^{(10)} + m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(22)}m_{021}^{(10)} - m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(00)}m_{003}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(22)} + m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(10)}m_{003}^{(20)} + m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{003}^{(10)} + m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{102}^{(20)} - m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{003}^{(00)}\\
&-m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{102}^{(10)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(00)}m_{012}^{(21)} + 3m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(22)}\\
&+m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(21)} - 2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{012}^{(20)} - m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{102}^{(20)}\\
&-3m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(21)} - m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{102}^{(11)} - 2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{012}^{(10)}\\
&-3m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(20)} + m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{102}^{(10)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{012}^{(00)}\\
&+3m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{111}^{(10)} - m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(00)}m_{021}^{(21)} - 2m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{120}^{(22)}\\
&-m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(21)} + m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{021}^{(20)} + m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{111}^{(20)}\\
&+2m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(21)} + m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(20)}m_{111}^{(11)} + m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(20)}m_{021}^{(10)}\\
&+2m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{120}^{(20)} - m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{111}^{(10)} - m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{021}^{(00)}\\
&-2m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(22)}m_{120}^{(10)} + m_{010}^{(00)}m_{001}^{(11)}m_{110}^{(00)}m_{003}^{(21)} + m_{010}^{(00)}m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(22)}\\
&-m_{010}^{(00)}m_{001}^{(11)}m_{110}^{(10)}m_{003}^{(20)} - m_{010}^{(00)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(21)} - m_{010}^{(00)}m_{001}^{(11)}m_{110}^{(20)}m_{003}^{(10)}\\
&-m_{010}^{(00)}m_{001}^{(11)}m_{110}^{(21)}m_{102}^{(20)} + m_{010}^{(00)}m_{001}^{(11)}m_{110}^{(21)}m_{003}^{(00)} + m_{010}^{(00)}m_{001}^{(11)}m_{110}^{(22)}m_{102}^{(10)}\\
&-m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(00)}m_{012}^{(21)} - m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(22)} + m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(10)}m_{012}^{(20)}\\
&+m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(21)} + m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(20)}m_{012}^{(10)} + m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(20)}\\
&-m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{012}^{(00)} - m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(22)}m_{111}^{(10)} - m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(00)}m_{102}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(22)} + m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(10)}m_{102}^{(20)} + m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{102}^{(10)} + m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{201}^{(20)} - m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{102}^{(00)}\\
&-m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(22)}m_{201}^{(10)} + m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(00)}m_{111}^{(21)} + m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(10)}m_{210}^{(22)}
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&-m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(10)}m_{111}^{(20)} - m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(21)} - m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(20)}m_{111}^{(10)}\\
&-m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{210}^{(20)} + m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{111}^{(00)} + m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(22)}m_{210}^{(10)}\\
&+m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(22)} + m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(21)} - m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(11)}m_{012}^{(20)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(21)} - m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(20)}m_{012}^{(11)} - m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(20)}\\
&+m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{012}^{(10)} + m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(22)}m_{021}^{(10)} - m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(22)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(21)} + m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{021}^{(20)} + m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(20)}m_{021}^{(11)} + m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{030}^{(20)} - m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{021}^{(10)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(22)}m_{030}^{(10)} + m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(00)}m_{003}^{(11)} - m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(22)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(21)} - 2m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{003}^{(10)} + m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{102}^{(20)}\\
&+m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{003}^{(00)} + m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(21)} + m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{102}^{(11)}\\
&+m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(20)} - m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{102}^{(10)} - m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(22)}m_{111}^{(10)}\\
&-2m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(00)}m_{012}^{(11)} + m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(22)} + m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(21)}\\
&+4m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{012}^{(10)} - m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{111}^{(20)} - 2m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{012}^{(00)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(21)} - m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{111}^{(11)} - m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(20)}\\
&+m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{111}^{(10)} + m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(22)}m_{120}^{(10)} + m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(00)}m_{021}^{(11)}\\
&-2m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(10)}m_{021}^{(10)} + m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(11)}m_{021}^{(00)} - m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(00)}m_{012}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(00)}m_{003}^{(11)} - m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(22)} + m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{012}^{(20)}\\
&+2m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{003}^{(10)} - m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(11)}m_{003}^{(00)} + m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{012}^{(10)} + m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(20)} - m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{012}^{(00)}\\
&-m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(22)}m_{111}^{(10)} + m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(00)}m_{021}^{(21)} + m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(00)}m_{012}^{(11)}\\
&+m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(22)} - m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(20)} - 2m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{012}^{(10)}\\
&+m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{012}^{(00)} - m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(21)} - m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(20)}m_{021}^{(10)}\\
&-m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(20)} + m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{021}^{(00)} + m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(22)}m_{120}^{(10)}\\
&+m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(00)}m_{102}^{(21)} + m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(22)} - m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{102}^{(20)}\\
&-m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(21)} - m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{102}^{(10)} - m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{201}^{(20)}\\
&+m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{102}^{(00)} + m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{201}^{(10)} - m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(00)}m_{102}^{(11)} - m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(22)} + m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(20)}\\
&-2m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{102}^{(10)} + m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{102}^{(00)} + m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{111}^{(10)} + m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(20)} - m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{111}^{(00)}\\
&-m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(22)}m_{210}^{(10)} - m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(00)}m_{111}^{(11)} + 2m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(10)}m_{111}^{(10)}\\
&-m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(11)}m_{111}^{(00)} + m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(00)}m_{012}^{(11)} - 2m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{012}^{(10)}\\
&+m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(11)}m_{012}^{(00)} - m_{010}^{(00)}m_{001}^{(22)}m_{101}^{(00)}m_{021}^{(11)} + 2m_{010}^{(00)}m_{001}^{(22)}m_{101}^{(10)}m_{021}^{(10)}\\
&-m_{010}^{(00)}m_{001}^{(22)}m_{101}^{(11)}m_{021}^{(00)} - m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(00)}m_{102}^{(11)} + 2m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(10)}m_{102}^{(10)}\\
&-m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(11)}m_{102}^{(00)} + m_{010}^{(00)}m_{001}^{(22)}m_{011}^{(00)}m_{111}^{(11)} - 2m_{010}^{(00)}m_{001}^{(22)}m_{011}^{(10)}m_{111}^{(10)}\\
&+m_{010}^{(00)}m_{001}^{(22)}m_{011}^{(11)}m_{111}^{(00)} - (m_{010}^{(10)})^2m_{200}^{(10)}m_{003}^{(22)} + (m_{010}^{(10)})^2m_{200}^{(20)}m_{003}^{(21)}\\
&+(m_{010}^{(10)})^2m_{200}^{(21)}m_{003}^{(20)} - (m_{010}^{(10)})^2m_{200}^{(22)}m_{003}^{(10)} - (m_{010}^{(10)})^2m_{110}^{(00)}m_{003}^{(22)}\\
&+2(m_{010}^{(10)})^2m_{110}^{(20)}m_{003}^{(20)} - (m_{010}^{(10)})^2m_{110}^{(22)}m_{003}^{(00)} + (m_{010}^{(10)})^2m_{101}^{(00)}m_{012}^{(22)}\\
&+2(m_{010}^{(10)})^2m_{101}^{(10)}m_{102}^{(22)} - 2(m_{010}^{(10)})^2m_{101}^{(20)}m_{102}^{(21)} - 2(m_{010}^{(10)})^2m_{101}^{(20)}m_{012}^{(20)}
\end{aligned}
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\begin{aligned}
&-2(m_{010}^{(10)})^2 m_{101}^{(21)} m_{102}^{(20)} + 2(m_{010}^{(10)})^2 m_{101}^{(22)} m_{102}^{(10)} + (m_{010}^{(10)})^2 m_{101}^{(22)} m_{012}^{(00)} \\
&+(m_{010}^{(10)})^2 m_{011}^{(00)} m_{102}^{(22)} - 2(m_{010}^{(10)})^2 m_{011}^{(20)} m_{102}^{(20)} + (m_{010}^{(10)})^2 m_{011}^{(22)} m_{102}^{(00)} \\
&-(m_{010}^{(10)})^2 m_{002}^{(00)} m_{111}^{(22)} - (m_{010}^{(10)})^2 m_{002}^{(10)} m_{201}^{(22)} + (m_{010}^{(10)})^2 m_{002}^{(20)} m_{201}^{(21)} \\
&+2(m_{010}^{(10)})^2 m_{002}^{(20)} m_{111}^{(20)} + (m_{010}^{(10)})^2 m_{002}^{(21)} m_{201}^{(20)} - (m_{010}^{(10)})^2 m_{002}^{(22)} m_{201}^{(10)} \\
&-(m_{010}^{(10)})^2 m_{002}^{(22)} m_{111}^{(00)} + m_{010}^{(10)} m_{010}^{(11)} m_{200}^{(00)} m_{003}^{(22)} - 2m_{010}^{(10)} m_{010}^{(11)} m_{200}^{(20)} m_{003}^{(20)} \\
&+m_{010}^{(10)} m_{010}^{(11)} m_{200}^{(22)} m_{003}^{(00)} - 2m_{010}^{(10)} m_{010}^{(11)} m_{101}^{(00)} m_{102}^{(22)} + 4m_{010}^{(10)} m_{010}^{(11)} m_{101}^{(20)} m_{102}^{(20)} \\
&-2m_{010}^{(10)} m_{010}^{(11)} m_{101}^{(22)} m_{102}^{(00)} + m_{010}^{(10)} m_{010}^{(11)} m_{002}^{(00)} m_{201}^{(22)} - 2m_{010}^{(10)} m_{010}^{(11)} m_{002}^{(20)} m_{201}^{(20)} \\
&+m_{010}^{(10)} m_{010}^{(11)} m_{002}^{(22)} m_{201}^{(00)} + 2m_{010}^{(10)} m_{010}^{(20)} m_{200}^{(10)} m_{012}^{(22)} - 2m_{010}^{(10)} m_{010}^{(20)} m_{200}^{(20)} m_{012}^{(21)} \\
&-2m_{010}^{(10)} m_{010}^{(20)} m_{200}^{(21)} m_{012}^{(20)} + 2m_{010}^{(10)} m_{010}^{(20)} m_{200}^{(22)} m_{012}^{(10)} + m_{010}^{(10)} m_{010}^{(20)} m_{110}^{(00)} m_{012}^{(22)} \\
&+m_{010}^{(10)} m_{010}^{(20)} m_{110}^{(00)} m_{003}^{(21)} - 3m_{010}^{(10)} m_{010}^{(20)} m_{110}^{(10)} m_{102}^{(22)} - m_{010}^{(10)} m_{010}^{(20)} m_{110}^{(10)} m_{003}^{(20)} \\
&+3m_{010}^{(10)} m_{010}^{(20)} m_{110}^{(20)} m_{102}^{(21)} - 2m_{010}^{(10)} m_{010}^{(20)} m_{110}^{(20)} m_{012}^{(20)} - m_{010}^{(10)} m_{010}^{(20)} m_{110}^{(20)} m_{003}^{(10)} \\
&+3m_{010}^{(10)} m_{010}^{(20)} m_{110}^{(21)} m_{102}^{(20)} + m_{010}^{(10)} m_{010}^{(20)} m_{110}^{(21)} m_{003}^{(00)} - 3m_{010}^{(10)} m_{010}^{(20)} m_{110}^{(22)} m_{102}^{(10)} \\
&+m_{010}^{(10)} m_{010}^{(20)} m_{110}^{(22)} m_{012}^{(00)} - m_{010}^{(10)} m_{010}^{(20)} m_{101}^{(00)} m_{021}^{(22)} - m_{010}^{(10)} m_{010}^{(20)} m_{101}^{(00)} m_{012}^{(21)} \\
&-m_{010}^{(10)} m_{010}^{(20)} m_{101}^{(10)} m_{111}^{(22)} + m_{010}^{(10)} m_{010}^{(20)} m_{101}^{(10)} m_{012}^{(20)} + m_{010}^{(10)} m_{010}^{(20)} m_{101}^{(20)} m_{111}^{(21)} \\
&+2m_{010}^{(10)} m_{010}^{(20)} m_{101}^{(20)} m_{021}^{(20)} + m_{010}^{(10)} m_{010}^{(20)} m_{101}^{(20)} m_{012}^{(10)} + m_{010}^{(10)} m_{010}^{(20)} m_{101}^{(21)} m_{111}^{(20)} \\
&-m_{010}^{(10)} m_{010}^{(20)} m_{101}^{(21)} m_{012}^{(00)} - m_{010}^{(10)} m_{010}^{(20)} m_{101}^{(22)} m_{111}^{(10)} - m_{010}^{(10)} m_{010}^{(20)} m_{101}^{(22)} m_{021}^{(00)} \\
&-2m_{010}^{(10)} m_{010}^{(20)} m_{020}^{(00)} m_{102}^{(22)} + 4m_{010}^{(10)} m_{010}^{(20)} m_{020}^{(20)} m_{102}^{(20)} - 2m_{010}^{(10)} m_{010}^{(20)} m_{020}^{(22)} m_{102}^{(00)} \\
&+3m_{010}^{(10)} m_{010}^{(20)} m_{011}^{(00)} m_{111}^{(22)} - m_{010}^{(10)} m_{010}^{(20)} m_{011}^{(00)} m_{102}^{(21)} + 3m_{010}^{(10)} m_{010}^{(20)} m_{011}^{(10)} m_{201}^{(22)} \\
&+m_{010}^{(10)} m_{010}^{(20)} m_{011}^{(10)} m_{102}^{(20)} - 3m_{010}^{(10)} m_{010}^{(20)} m_{011}^{(20)} m_{201}^{(21)} - 6m_{010}^{(10)} m_{010}^{(20)} m_{011}^{(20)} m_{111}^{(20)} \\
&+m_{010}^{(10)} m_{010}^{(20)} m_{011}^{(20)} m_{102}^{(10)} - 3m_{010}^{(10)} m_{010}^{(20)} m_{011}^{(21)} m_{201}^{(20)} - m_{010}^{(10)} m_{010}^{(20)} m_{011}^{(21)} m_{102}^{(00)} \\
&+3m_{010}^{(10)} m_{010}^{(20)} m_{011}^{(22)} m_{201}^{(10)} + 3m_{010}^{(10)} m_{010}^{(20)} m_{011}^{(22)} m_{111}^{(00)} - m_{010}^{(10)} m_{010}^{(20)} m_{002}^{(00)} m_{120}^{(22)} \\
&+m_{010}^{(10)} m_{010}^{(20)} m_{002}^{(00)} m_{111}^{(21)} - m_{010}^{(10)} m_{010}^{(20)} m_{002}^{(10)} m_{210}^{(22)} - m_{010}^{(10)} m_{010}^{(20)} m_{002}^{(10)} m_{111}^{(20)} \\
&+m_{010}^{(10)} m_{010}^{(20)} m_{002}^{(20)} m_{210}^{(21)} + 2m_{010}^{(10)} m_{010}^{(20)} m_{002}^{(20)} m_{120}^{(20)} - m_{010}^{(10)} m_{010}^{(20)} m_{002}^{(20)} m_{111}^{(10)} \\
&+m_{010}^{(10)} m_{010}^{(20)} m_{002}^{(21)} m_{210}^{(20)} + m_{010}^{(10)} m_{010}^{(20)} m_{002}^{(21)} m_{111}^{(00)} - m_{010}^{(10)} m_{010}^{(20)} m_{002}^{(22)} m_{210}^{(10)} \\
&-m_{010}^{(10)} m_{010}^{(20)} m_{002}^{(22)} m_{120}^{(00)} - m_{010}^{(10)} m_{010}^{(21)} m_{200}^{(00)} m_{012}^{(22)} - m_{010}^{(10)} m_{010}^{(21)} m_{200}^{(00)} m_{003}^{(21)} \\
&+m_{010}^{(10)} m_{010}^{(21)} m_{200}^{(10)} m_{102}^{(22)} + m_{010}^{(10)} m_{010}^{(21)} m_{200}^{(10)} m_{003}^{(20)} - m_{010}^{(10)} m_{010}^{(21)} m_{200}^{(20)} m_{102}^{(21)} \\
&+2m_{010}^{(10)} m_{010}^{(21)} m_{200}^{(20)} m_{012}^{(20)} + m_{010}^{(10)} m_{010}^{(21)} m_{200}^{(20)} m_{003}^{(10)} - m_{010}^{(10)} m_{010}^{(21)} m_{200}^{(21)} m_{102}^{(20)} \\
&-m_{010}^{(10)} m_{010}^{(21)} m_{200}^{(21)} m_{003}^{(00)} + m_{010}^{(10)} m_{010}^{(21)} m_{200}^{(22)} m_{102}^{(10)} - m_{010}^{(10)} m_{010}^{(21)} m_{200}^{(22)} m_{012}^{(00)} \\
&+2m_{010}^{(10)} m_{010}^{(21)} m_{110}^{(00)} m_{102}^{(22)} - 4m_{010}^{(10)} m_{010}^{(21)} m_{110}^{(20)} m_{102}^{(20)} + 2m_{010}^{(10)} m_{010}^{(21)} m_{110}^{(22)} m_{102}^{(00)} \\
&+2m_{010}^{(10)} m_{010}^{(21)} m_{101}^{(00)} m_{102}^{(21)} - 2m_{010}^{(10)} m_{010}^{(21)} m_{101}^{(10)} m_{201}^{(22)} - 2m_{010}^{(10)} m_{010}^{(21)} m_{101}^{(10)} m_{102}^{(20)} \\
&+2m_{010}^{(10)} m_{010}^{(21)} m_{101}^{(20)} m_{201}^{(21)} - 2m_{010}^{(10)} m_{010}^{(21)} m_{101}^{(20)} m_{102}^{(10)} + 2m_{010}^{(10)} m_{010}^{(21)} m_{101}^{(21)} m_{201}^{(20)} \\
&+2m_{010}^{(10)} m_{010}^{(21)} m_{101}^{(21)} m_{102}^{(00)} - 2m_{010}^{(10)} m_{010}^{(21)} m_{101}^{(22)} m_{201}^{(10)} - 2m_{010}^{(10)} m_{010}^{(21)} m_{011}^{(00)} m_{201}^{(22)} \\
&+4m_{010}^{(10)} m_{010}^{(21)} m_{011}^{(20)} m_{201}^{(20)} - 2m_{010}^{(10)} m_{010}^{(21)} m_{011}^{(22)} m_{201}^{(00)} + m_{010}^{(10)} m_{010}^{(21)} m_{002}^{(00)} m_{210}^{(22)} \\
&-m_{010}^{(10)} m_{010}^{(21)} m_{002}^{(00)} m_{201}^{(21)} + m_{010}^{(10)} m_{010}^{(21)} m_{002}^{(10)} m_{300}^{(22)} + m_{010}^{(10)} m_{010}^{(21)} m_{002}^{(10)} m_{201}^{(20)} \\
&-m_{010}^{(10)} m_{010}^{(21)} m_{002}^{(20)} m_{300}^{(21)} - 2m_{010}^{(10)} m_{010}^{(21)} m_{002}^{(20)} m_{210}^{(20)} + m_{010}^{(10)} m_{010}^{(21)} m_{002}^{(20)} m_{201}^{(10)} \\
&-m_{010}^{(10)} m_{010}^{(21)} m_{002}^{(21)} m_{300}^{(20)} - m_{010}^{(10)} m_{010}^{(21)} m_{002}^{(21)} m_{201}^{(00)} + m_{010}^{(10)} m_{010}^{(21)} m_{002}^{(22)} m_{300}^{(10)} \\
&+m_{010}^{(10)} m_{010}^{(21)} m_{002}^{(22)} m_{210}^{(00)} + m_{010}^{(10)} m_{010}^{(22)} m_{200}^{(00)} m_{012}^{(21)} - m_{010}^{(10)} m_{010}^{(22)} m_{200}^{(10)} m_{111}^{(22)} \\
&-m_{010}^{(10)} m_{010}^{(22)} m_{200}^{(10)} m_{012}^{(20)} + m_{010}^{(10)} m_{010}^{(22)} m_{200}^{(20)} m_{111}^{(21)} - m_{010}^{(10)} m_{010}^{(22)} m_{200}^{(20)} m_{012}^{(10)}
\end{aligned}
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\begin{aligned}
&+m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(20)}+m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(21)}m_{012}^{(00)}-m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(22)}m_{111}^{(10)}\\
&-m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(00)}m_{111}^{(22)}-m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(00)}m_{102}^{(21)}+m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{201}^{(22)}\\
&+m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{102}^{(20)}-m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{201}^{(21)}+2m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(20)}\\
&+m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{102}^{(10)}-m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(20)}-m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{102}^{(00)}\\
&+m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(22)}m_{201}^{(10)}-m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(22)}m_{111}^{(00)}+m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(00)}m_{120}^{(22)}\\
&-m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(00)}m_{111}^{(21)}+m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{210}^{(22)}+m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(20)}\\
&-m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{210}^{(21)}-2m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(20)}+m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{111}^{(10)}\\
&-m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(20)}-m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{111}^{(00)}+m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(22)}m_{210}^{(10)}\\
&+m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(22)}m_{120}^{(00)}+m_{010}^{(10)}m_{010}^{(22)}m_{020}^{(00)}m_{201}^{(22)}-2m_{010}^{(10)}m_{010}^{(22)}m_{020}^{(20)}m_{201}^{(20)}\\
&+m_{010}^{(10)}m_{010}^{(22)}m_{020}^{(22)}m_{201}^{(00)}-m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{210}^{(22)}+m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{201}^{(21)}\\
&-m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{300}^{(22)}-m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{201}^{(20)}+m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{300}^{(21)}\\
&+2m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(20)}-m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{201}^{(10)}+m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(21)}m_{300}^{(20)}\\
&+m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(21)}m_{201}^{(00)}-m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(22)}m_{300}^{(10)}-m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(22)}m_{210}^{(00)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(10)}m_{012}^{(22)}-m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(10)}m_{003}^{(21)}+m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(11)}m_{003}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(20)}m_{012}^{(21)}+m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(20)}m_{003}^{(11)}+m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{003}^{(10)}-m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(22)}m_{012}^{(10)}+m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(10)}m_{021}^{(22)}\\
&+m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(10)}m_{012}^{(21)}-m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(11)}m_{012}^{(20)}-m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(20)}m_{021}^{(21)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(20)}m_{012}^{(11)}-m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(20)}+m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{012}^{(10)}\\
&+m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(22)}m_{021}^{(10)}-m_{010}^{(10)}m_{001}^{(00)}m_{020}^{(00)}m_{012}^{(22)}+2m_{010}^{(10)}m_{001}^{(00)}m_{020}^{(20)}m_{012}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{020}^{(22)}m_{012}^{(00)}+2m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(00)}m_{021}^{(22)}+m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(22)}\\
&+m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{102}^{(21)}-m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(11)}m_{102}^{(20)}-m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(21)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{102}^{(11)}-4m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(20)}-m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{102}^{(10)}+m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(22)}m_{111}^{(10)}+2m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(22)}m_{021}^{(00)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(00)}m_{030}^{(22)}-m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{120}^{(22)}-m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{111}^{(21)}\\
&+m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(11)}m_{111}^{(20)}+m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(20)}m_{120}^{(21)}+m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(20)}m_{111}^{(11)}\\
&+2m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(20)}m_{030}^{(20)}+m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{120}^{(20)}-m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{111}^{(10)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(22)}m_{120}^{(10)}-m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(22)}m_{030}^{(00)}+m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(10)}m_{012}^{(22)}\\
&+m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(10)}m_{003}^{(21)}-m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(11)}m_{003}^{(20)}-m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(20)}m_{012}^{(21)}\\
&-m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(20)}m_{003}^{(11)}-m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(20)}+m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{003}^{(10)}\\
&+m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(22)}m_{012}^{(10)}+m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(00)}m_{012}^{(22)}+m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(00)}m_{003}^{(21)}\\
&+m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(22)}-m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(10)}m_{003}^{(20)}-m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{102}^{(21)}\\
&-2m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(20)}-m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{003}^{(10)}-m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{003}^{(00)}+m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{102}^{(10)}+m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{012}^{(00)}\\
&-m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(00)}m_{021}^{(22)}-m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(00)}m_{012}^{(21)}-3m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(22)}\\
&-2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{102}^{(21)}+m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(20)}+2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{102}^{(20)}\\
&+3m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(21)}+2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{102}^{(11)}+2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{012}^{(10)}+3m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(20)}-2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{102}^{(10)}\\
&-m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{012}^{(00)}-3m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{111}^{(10)}-m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{021}^{(00)}
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\begin{aligned}
&+m_{010}^{(10)}m_{001}^{(10)}m_{020}^{(00)}m_{102}^{(22)} - 2m_{010}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(20)} + m_{010}^{(10)}m_{001}^{(10)}m_{020}^{(22)}m_{102}^{(00)}\\
&-3m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{111}^{(22)} - m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{102}^{(21)} - m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(22)}\\
&+m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(20)} + m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(21)} + 6m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{102}^{(10)} + m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(20)} - m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{102}^{(00)}\\
&-m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{201}^{(10)} - 3m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{111}^{(00)} + 2m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(00)}m_{120}^{(22)}\\
&+m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(00)}m_{111}^{(21)} + 2m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{210}^{(22)} + m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{201}^{(21)}\\
&-m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(20)} - m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(11)}m_{201}^{(20)} - 2m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{210}^{(21)}\\
&-m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{201}^{(11)} - 4m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(20)} - m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{111}^{(10)}\\
&-2m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{210}^{(20)} + m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{201}^{(10)} + m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{111}^{(00)}\\
&+2m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(22)}m_{210}^{(10)} + 2m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(22)}m_{120}^{(00)} - m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(00)}m_{003}^{(21)}\\
&-m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(10)}m_{102}^{(22)} + m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(10)}m_{003}^{(20)} + m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{102}^{(21)}\\
&+m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{003}^{(10)} + m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(20)} - m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{003}^{(00)}\\
&-m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{102}^{(10)} - m_{010}^{(10)}m_{001}^{(11)}m_{110}^{(00)}m_{102}^{(22)} + 2m_{010}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{102}^{(00)} + m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{111}^{(22)} + 2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{102}^{(21)}\\
&+2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(22)} - 2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(20)} - 2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{201}^{(21)}\\
&-2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(20)} - 2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{102}^{(10)} - 2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(20)}\\
&+2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{102}^{(00)} + 2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{201}^{(10)} + m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{111}^{(00)}\\
&+m_{010}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{201}^{(22)} - 2m_{010}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(20)} + m_{010}^{(10)}m_{001}^{(11)}m_{011}^{(22)}m_{201}^{(00)}\\
&-m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(00)}m_{210}^{(22)} - m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(00)}m_{201}^{(21)} - m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{300}^{(22)}\\
&+m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{201}^{(20)} + m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{300}^{(21)} + 2m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{201}^{(10)} + m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(21)}m_{300}^{(20)} - m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(21)}m_{201}^{(00)}\\
&-m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(22)}m_{300}^{(10)} - m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(22)}m_{210}^{(00)} - m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(22)}\\
&-m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(10)}m_{012}^{(21)} + m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{012}^{(20)} + m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(20)}m_{021}^{(21)}\\
&+m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(20)}m_{012}^{(11)} + m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(20)} - m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{012}^{(10)}\\
&-m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(22)}m_{021}^{(10)} - m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(00)}m_{021}^{(22)} - m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(00)}m_{003}^{(11)}\\
&+m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(22)} + m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{102}^{(21)} + 2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{003}^{(10)}\\
&-m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{102}^{(20)} - m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{003}^{(00)} - m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(21)}\\
&-m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{102}^{(11)} + 2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(20)} - m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{102}^{(10)} + m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{111}^{(10)} - m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{021}^{(00)}\\
&+m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(00)}m_{030}^{(22)} + m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(00)}m_{012}^{(11)} + m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(22)}\\
&+m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(21)} - 2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{012}^{(10)} - m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{012}^{(00)} - m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(21)} - m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{111}^{(11)}\\
&-2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(20)} - m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(20)} + m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{111}^{(10)}\\
&+m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(22)}m_{120}^{(10)} + m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(22)}m_{030}^{(00)} + m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(22)}\\
&-2m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(20)} + m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(22)}m_{111}^{(00)} - m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(22)}\\
&+m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{102}^{(11)} - m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(22)} - m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(21)}\\
&-2m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{102}^{(10)} + m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{201}^{(20)} + m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{102}^{(00)}\\
&+m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(21)} + m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{201}^{(11)} + 2m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(20)}
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&+m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(20)} - m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{201}^{(10)} - m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(22)}m_{210}^{(10)}\\
&-m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(22)}m_{120}^{(00)} - m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(00)}m_{111}^{(11)} + 2m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{111}^{(10)}\\
&-m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(11)}m_{111}^{(00)} + m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(00)}m_{012}^{(21)} + m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(00)}m_{003}^{(11)}\\
&+m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(22)} - m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(20)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{003}^{(10)}\\
&+m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{003}^{(00)} - m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(21)} - m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{012}^{(10)}\\
&-m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(20)} + m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{012}^{(00)} + m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(22)}m_{111}^{(10)}\\
&+m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(22)} - m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{102}^{(21)} - m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(22)}\\
&+m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(20)} + m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(21)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{102}^{(10)} + m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(20)} - m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{102}^{(00)}\\
&-m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{201}^{(10)} + m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{111}^{(00)} - m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(22)}\\
&-m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(21)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{102}^{(11)} - m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(22)}\\
&+m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(20)} + 4m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{102}^{(10)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{102}^{(00)}\\
&+m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(21)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(20)} + m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{111}^{(10)}\\
&+m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(20)} - m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{111}^{(00)} - m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(22)}m_{210}^{(10)}\\
&-m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(22)}m_{120}^{(00)} - m_{010}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(22)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(21)}m_{020}^{(22)}m_{201}^{(00)} + m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(22)} + m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{201}^{(21)}\\
&+m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(22)} - m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(20)} - m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(21)}\\
&-2m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(20)} - m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{201}^{(10)} - m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{201}^{(00)} + m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(22)}m_{300}^{(10)} + m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(22)}m_{210}^{(00)}\\
&+m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(00)}m_{201}^{(11)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{201}^{(10)} + m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(11)}m_{201}^{(00)}\\
&-m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(00)}m_{012}^{(11)} + 2m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{012}^{(10)} - m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{012}^{(00)}\\
&+m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{102}^{(11)} - 2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{102}^{(10)} + m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{102}^{(00)}\\
&+m_{010}^{(10)}m_{001}^{(22)}m_{101}^{(00)}m_{111}^{(11)} - 2m_{010}^{(10)}m_{001}^{(22)}m_{101}^{(10)}m_{111}^{(10)} + m_{010}^{(10)}m_{001}^{(22)}m_{101}^{(11)}m_{111}^{(00)}\\
&-m_{010}^{(10)}m_{001}^{(22)}m_{011}^{(00)}m_{201}^{(11)} + 2m_{010}^{(10)}m_{001}^{(22)}m_{011}^{(10)}m_{201}^{(10)} - m_{010}^{(10)}m_{001}^{(22)}m_{011}^{(11)}m_{201}^{(00)}\\
&-m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(00)}m_{012}^{(22)} + 2m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(20)}m_{012}^{(20)} - m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(22)}m_{012}^{(00)}\\
&+2m_{010}^{(11)}m_{010}^{(20)}m_{110}^{(00)}m_{102}^{(22)} - 4m_{010}^{(11)}m_{010}^{(20)}m_{110}^{(20)}m_{102}^{(20)} + 2m_{010}^{(11)}m_{010}^{(20)}m_{110}^{(22)}m_{102}^{(00)}\\
&-2m_{010}^{(11)}m_{010}^{(20)}m_{011}^{(00)}m_{201}^{(22)} + 4m_{010}^{(11)}m_{010}^{(20)}m_{011}^{(20)}m_{201}^{(20)} - 2m_{010}^{(11)}m_{010}^{(20)}m_{011}^{(22)}m_{201}^{(00)}\\
&+m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(00)}m_{210}^{(22)} - 2m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(20)}m_{210}^{(20)} + m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(22)}m_{210}^{(00)}\\
&-m_{010}^{(11)}m_{010}^{(21)}m_{200}^{(00)}m_{102}^{(22)} + 2m_{010}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{102}^{(20)} - m_{010}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{102}^{(00)}\\
&+2m_{010}^{(11)}m_{010}^{(21)}m_{101}^{(00)}m_{201}^{(22)} - 4m_{010}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{201}^{(20)} + 2m_{010}^{(11)}m_{010}^{(21)}m_{101}^{(22)}m_{201}^{(00)}\\
&-m_{010}^{(11)}m_{010}^{(21)}m_{002}^{(00)}m_{300}^{(22)} + 2m_{010}^{(11)}m_{010}^{(21)}m_{002}^{(20)}m_{300}^{(20)} - m_{010}^{(11)}m_{010}^{(21)}m_{002}^{(22)}m_{300}^{(00)}\\
&+m_{010}^{(11)}m_{010}^{(22)}m_{200}^{(00)}m_{111}^{(22)} - 2m_{010}^{(11)}m_{010}^{(22)}m_{200}^{(20)}m_{111}^{(20)} + m_{010}^{(11)}m_{010}^{(22)}m_{200}^{(22)}m_{111}^{(00)}\\
&-m_{010}^{(11)}m_{010}^{(22)}m_{110}^{(00)}m_{201}^{(22)} + 2m_{010}^{(11)}m_{010}^{(22)}m_{110}^{(20)}m_{201}^{(20)} - m_{010}^{(11)}m_{010}^{(22)}m_{110}^{(22)}m_{201}^{(00)}\\
&-m_{010}^{(11)}m_{010}^{(22)}m_{101}^{(00)}m_{210}^{(22)} + 2m_{010}^{(11)}m_{010}^{(22)}m_{101}^{(20)}m_{210}^{(20)} - m_{010}^{(11)}m_{010}^{(22)}m_{101}^{(22)}m_{210}^{(00)}\\
&+m_{010}^{(11)}m_{010}^{(22)}m_{011}^{(00)}m_{300}^{(22)} - 2m_{010}^{(11)}m_{010}^{(22)}m_{011}^{(20)}m_{300}^{(20)} + m_{010}^{(11)}m_{010}^{(22)}m_{011}^{(22)}m_{300}^{(00)}\\
&+m_{010}^{(11)}m_{001}^{(00)}m_{110}^{(00)}m_{012}^{(22)} - 2m_{010}^{(11)}m_{001}^{(00)}m_{110}^{(20)}m_{012}^{(20)} + m_{010}^{(11)}m_{001}^{(00)}m_{110}^{(22)}m_{012}^{(00)}\\
&-m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(00)}m_{021}^{(22)} + 2m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{021}^{(20)} - m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(22)}m_{021}^{(00)}\\
&-m_{010}^{(11)}m_{001}^{(00)}m_{011}^{(00)}m_{111}^{(22)} + 2m_{010}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(20)} - m_{010}^{(11)}m_{001}^{(00)}m_{011}^{(22)}m_{111}^{(00)}
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&+m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(00)}m_{120}^{(22)} - 2m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(20)}m_{120}^{(20)} + m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(22)}m_{120}^{(00)}\\
&-m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(00)}m_{012}^{(22)} + 2m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{012}^{(20)} - m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{012}^{(00)}\\
&-m_{010}^{(11)}m_{001}^{(10)}m_{110}^{(00)}m_{102}^{(22)} + 2m_{010}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{102}^{(20)} - m_{010}^{(11)}m_{001}^{(10)}m_{110}^{(22)}m_{102}^{(00)}\\
&+3m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(00)}m_{111}^{(22)} - 6m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(20)} + 3m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{111}^{(00)}\\
&+m_{010}^{(11)}m_{001}^{(10)}m_{011}^{(00)}m_{201}^{(22)} - 2m_{010}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(20)} + m_{010}^{(11)}m_{001}^{(10)}m_{011}^{(22)}m_{201}^{(00)}\\
&-2m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(00)}m_{210}^{(22)} + 4m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{210}^{(20)} - 2m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(22)}m_{210}^{(00)}\\
&+m_{010}^{(11)}m_{001}^{(11)}m_{200}^{(00)}m_{102}^{(22)} - 2m_{010}^{(11)}m_{001}^{(11)}m_{200}^{(20)}m_{102}^{(20)} + m_{010}^{(11)}m_{001}^{(11)}m_{200}^{(22)}m_{102}^{(00)}\\
&-2m_{010}^{(11)}m_{001}^{(11)}m_{101}^{(00)}m_{201}^{(22)} + 4m_{010}^{(11)}m_{001}^{(11)}m_{101}^{(20)}m_{201}^{(20)} - 2m_{010}^{(11)}m_{001}^{(11)}m_{101}^{(22)}m_{201}^{(00)}\\
&+m_{010}^{(11)}m_{001}^{(11)}m_{002}^{(00)}m_{300}^{(22)} - 2m_{010}^{(11)}m_{001}^{(11)}m_{002}^{(20)}m_{300}^{(20)} + m_{010}^{(11)}m_{001}^{(11)}m_{002}^{(22)}m_{300}^{(00)}\\
&+m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(00)}m_{021}^{(22)} - 2m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{021}^{(20)} + m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(22)}m_{021}^{(00)}\\
&-m_{010}^{(11)}m_{001}^{(20)}m_{110}^{(00)}m_{111}^{(22)} + 2m_{010}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(20)} - m_{010}^{(11)}m_{001}^{(20)}m_{110}^{(22)}m_{111}^{(00)}\\
&-m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{120}^{(22)} + 2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(20)} - m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(22)}m_{120}^{(00)}\\
&+m_{010}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{210}^{(22)} - 2m_{010}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(20)} + m_{010}^{(11)}m_{001}^{(20)}m_{011}^{(22)}m_{210}^{(00)}\\
&-m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{111}^{(22)} + 2m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(20)} - m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(22)}m_{111}^{(00)}\\
&+m_{010}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{201}^{(22)} - 2m_{010}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(20)} + m_{010}^{(11)}m_{001}^{(21)}m_{110}^{(22)}m_{201}^{(00)}\\
&+m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{210}^{(22)} - 2m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(20)} + m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(22)}m_{210}^{(00)}\\
&-m_{010}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{300}^{(22)} + 2m_{010}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(20)} - m_{010}^{(11)}m_{001}^{(21)}m_{011}^{(22)}m_{300}^{(00)}\\
&-(m_{010}^{(20)})^2m_{200}^{(10)}m_{021}^{(22)} + (m_{010}^{(20)})^2m_{200}^{(20)}m_{021}^{(21)} + (m_{010}^{(20)})^2m_{200}^{(21)}m_{021}^{(20)}\\
&-(m_{010}^{(20)})^2m_{200}^{(22)}m_{021}^{(10)} - (m_{010}^{(20)})^2m_{110}^{(00)}m_{012}^{(21)} + 3(m_{010}^{(20)})^2m_{110}^{(10)}m_{111}^{(22)}\\
&+(m_{010}^{(20)})^2m_{110}^{(10)}m_{012}^{(20)} - 3(m_{010}^{(20)})^2m_{110}^{(20)}m_{111}^{(21)} + (m_{010}^{(20)})^2m_{110}^{(20)}m_{012}^{(10)}\\
&-3(m_{010}^{(20)})^2m_{110}^{(21)}m_{111}^{(20)} - (m_{010}^{(20)})^2m_{110}^{(21)}m_{012}^{(00)} + 3(m_{010}^{(20)})^2m_{110}^{(22)}m_{111}^{(10)}\\
&+(m_{010}^{(20)})^2m_{101}^{(00)}m_{021}^{(21)} - (m_{010}^{(20)})^2m_{101}^{(10)}m_{120}^{(22)} - (m_{010}^{(20)})^2m_{101}^{(10)}m_{021}^{(20)}\\
&+(m_{010}^{(20)})^2m_{101}^{(20)}m_{120}^{(21)} - (m_{010}^{(20)})^2m_{101}^{(20)}m_{021}^{(10)} + (m_{010}^{(20)})^2m_{101}^{(21)}m_{120}^{(20)}\\
&+(m_{010}^{(20)})^2m_{101}^{(21)}m_{021}^{(00)} - (m_{010}^{(20)})^2m_{101}^{(22)}m_{120}^{(10)} + 2(m_{010}^{(20)})^2m_{020}^{(00)}m_{102}^{(21)}\\
&-2(m_{010}^{(20)})^2m_{020}^{(10)}m_{201}^{(22)} - 2(m_{010}^{(20)})^2m_{020}^{(10)}m_{102}^{(20)} + 2(m_{010}^{(20)})^2m_{020}^{(20)}m_{201}^{(21)}\\
&-2(m_{010}^{(20)})^2m_{020}^{(20)}m_{102}^{(10)} + 2(m_{010}^{(20)})^2m_{020}^{(21)}m_{201}^{(20)} + 2(m_{010}^{(20)})^2m_{020}^{(21)}m_{102}^{(00)}\\
&-2(m_{010}^{(20)})^2m_{020}^{(22)}m_{201}^{(10)} - 3(m_{010}^{(20)})^2m_{011}^{(00)}m_{111}^{(21)} + (m_{010}^{(20)})^2m_{011}^{(10)}m_{210}^{(22)}\\
&+3(m_{010}^{(20)})^2m_{011}^{(10)}m_{111}^{(20)} - (m_{010}^{(20)})^2m_{011}^{(20)}m_{210}^{(21)} + 3(m_{010}^{(20)})^2m_{011}^{(20)}m_{111}^{(10)}\\
&-(m_{010}^{(20)})^2m_{011}^{(21)}m_{210}^{(20)} - 3(m_{010}^{(20)})^2m_{011}^{(21)}m_{111}^{(00)} + (m_{010}^{(20)})^2m_{011}^{(22)}m_{210}^{(10)}\\
&+(m_{010}^{(20)})^2m_{002}^{(00)}m_{120}^{(21)} - (m_{010}^{(20)})^2m_{002}^{(10)}m_{120}^{(20)} - (m_{010}^{(20)})^2m_{002}^{(20)}m_{120}^{(10)}\\
&+(m_{010}^{(20)})^2m_{002}^{(21)}m_{120}^{(00)} + m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(00)}m_{021}^{(22)} + m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(00)}m_{012}^{(21)}\\
&-m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(10)}m_{111}^{(22)} - m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(20)} + m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(20)}m_{111}^{(21)}\\
&-2m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(20)}m_{021}^{(20)} - m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(10)} + m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(20)}\\
&+m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{012}^{(00)} - m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(22)}m_{111}^{(10)} + m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(22)}m_{021}^{(00)}\\
&-3m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(00)}m_{111}^{(22)} - 3m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(00)}m_{102}^{(21)} + m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{201}^{(22)}\\
&+3m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{102}^{(20)} - m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{201}^{(21)} + 6m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(20)}\\
&+3m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(10)} - m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{201}^{(20)} - 3m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{102}^{(00)}\\
&+m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(22)}m_{201}^{(10)} - 3m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(22)}m_{111}^{(00)} + m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(00)}m_{120}^{(22)}
\end{aligned}
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\begin{aligned}
&+m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(00)}m_{111}^{(21)}+m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{210}^{(22)}-m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(20)}\\
&-m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{210}^{(21)}-2m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(20)}-m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(10)}\\
&-m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{210}^{(20)}+m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(00)}+m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(22)}m_{210}^{(10)}\\
&+m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(22)}m_{120}^{(00)}+2m_{010}^{(20)}m_{010}^{(21)}m_{020}^{(00)}m_{201}^{(22)}-4m_{010}^{(20)}m_{010}^{(21)}m_{020}^{(20)}m_{201}^{(20)}\\
&+2m_{010}^{(20)}m_{010}^{(21)}m_{020}^{(22)}m_{201}^{(00)}-m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{210}^{(22)}+3m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{201}^{(21)}\\
&-m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{300}^{(22)}-3m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(20)}+m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{300}^{(21)}\\
&+2m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(20)}-3m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(10)}+m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{300}^{(20)}\\
&+3m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(00)}-m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(22)}m_{300}^{(10)}-m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(22)}m_{210}^{(00)}\\
&-2m_{010}^{(20)}m_{010}^{(21)}m_{002}^{(00)}m_{210}^{(21)}+2m_{010}^{(20)}m_{010}^{(21)}m_{002}^{(10)}m_{210}^{(20)}+2m_{010}^{(20)}m_{010}^{(21)}m_{002}^{(20)}m_{210}^{(10)}\\
&-2m_{010}^{(20)}m_{010}^{(21)}m_{002}^{(21)}m_{210}^{(00)}-m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(00)}m_{021}^{(21)}+m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(10)}m_{120}^{(22)}\\
&+m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(10)}m_{021}^{(20)}-m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(20)}m_{120}^{(21)}+m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(10)}\\
&-m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{120}^{(20)}-m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{021}^{(00)}+m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(22)}m_{120}^{(10)}\\
&+4m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(00)}m_{111}^{(21)}-2m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{210}^{(22)}-4m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(20)}\\
&+2m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{210}^{(21)}-4m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(10)}+2m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{210}^{(20)}\\
&+4m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(00)}-2m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(22)}m_{210}^{(10)}-2m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(00)}m_{120}^{(21)}\\
&+2m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(10)}m_{120}^{(20)}+2m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(10)}-2m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(21)}m_{120}^{(00)}\\
&-3m_{010}^{(20)}m_{010}^{(22)}m_{020}^{(00)}m_{201}^{(21)}+m_{010}^{(20)}m_{010}^{(22)}m_{020}^{(10)}m_{300}^{(22)}+3m_{010}^{(20)}m_{010}^{(22)}m_{020}^{(10)}m_{201}^{(20)}\\
&-m_{010}^{(20)}m_{010}^{(22)}m_{020}^{(20)}m_{300}^{(21)}+3m_{010}^{(20)}m_{010}^{(22)}m_{020}^{(20)}m_{201}^{(10)}-m_{010}^{(20)}m_{010}^{(22)}m_{020}^{(21)}m_{300}^{(20)}\\
&-3m_{010}^{(20)}m_{010}^{(22)}m_{020}^{(21)}m_{201}^{(00)}+m_{010}^{(20)}m_{010}^{(22)}m_{020}^{(22)}m_{300}^{(10)}+2m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(00)}m_{210}^{(21)}\\
&-2m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{210}^{(20)}-2m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(10)}+2m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(21)}m_{210}^{(00)}\\
&+m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(10)}m_{021}^{(22)}+m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(10)}m_{012}^{(21)}-m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(11)}m_{012}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(20)}m_{021}^{(21)}-m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(20)}m_{012}^{(11)}-m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{021}^{(20)}\\
&+m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(10)}+m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(22)}m_{021}^{(10)}-m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(10)}m_{030}^{(22)}\\
&-m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(10)}m_{021}^{(21)}+m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(11)}m_{021}^{(20)}+m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(20)}m_{030}^{(21)}\\
&+m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(20)}m_{021}^{(11)}+m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(21)}m_{030}^{(20)}-m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(22)}m_{030}^{(10)}+m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(00)}m_{012}^{(21)}-m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(10)}m_{111}^{(22)}\\
&-2m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(10)}m_{102}^{(21)}-m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(10)}m_{012}^{(20)}+2m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(11)}m_{102}^{(20)}\\
&+m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(20)}m_{111}^{(21)}+2m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(20)}m_{102}^{(11)}-m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(20)}m_{012}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{111}^{(20)}-2m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(10)}+m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{012}^{(00)}\\
&-m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(22)}m_{111}^{(10)}-2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(00)}m_{021}^{(21)}+m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{120}^{(22)}\\
&+3m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(21)}+2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{021}^{(20)}-3m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{111}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(20)}m_{120}^{(21)}-3m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(11)}+2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{120}^{(20)}+3m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(10)}-2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{021}^{(00)}\\
&+m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(22)}m_{120}^{(10)}+m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(00)}m_{030}^{(21)}-m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(10)}m_{120}^{(21)}\\
&-m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(10)}m_{030}^{(20)}+m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(11)}m_{120}^{(20)}+m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(20)}m_{120}^{(11)}\\
&-m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(20)}m_{030}^{(10)}-m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(21)}m_{120}^{(10)}+m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(21)}m_{030}^{(00)}\\
&-m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(10)}m_{021}^{(22)}-m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(10)}m_{012}^{(21)}+m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(11)}m_{012}^{(20)}\\
&+m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(20)}m_{021}^{(21)}+m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(20)}m_{012}^{(11)}+m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(20)}
\end{aligned}
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\begin{aligned}
&-m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(10)} - m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(22)}m_{021}^{(10)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(00)}m_{012}^{(21)}\\
&+2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(21)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(20)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(11)}m_{102}^{(20)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{102}^{(11)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(10)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(10)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(00)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(00)}m_{021}^{(21)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{120}^{(22)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(20)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{120}^{(21)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(10)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(20)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(00)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(22)}m_{120}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(00)}m_{102}^{(21)} + m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{201}^{(22)} - m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{201}^{(21)} - m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(10)} - m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{201}^{(20)}\\
&+m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{102}^{(00)} + m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(22)}m_{201}^{(10)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{210}^{(22)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(21)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{201}^{(20)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(21)}\\
&+2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(11)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{210}^{(20)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(10)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(22)}m_{210}^{(10)} - m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(00)}m_{120}^{(21)} + m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{210}^{(21)}\\
&+m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{120}^{(20)} - m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(11)}m_{210}^{(20)} - m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(20)}m_{210}^{(11)}\\
&+m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(10)} + m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(21)}m_{210}^{(10)} - m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(21)}m_{120}^{(00)}\\
&+m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(00)}m_{012}^{(21)} + m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(10)}m_{111}^{(22)} - m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(20)}m_{111}^{(21)} - m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(10)} - m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(21)}m_{111}^{(20)}\\
&+m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(21)}m_{012}^{(00)} + m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(22)}m_{111}^{(10)} - m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(00)}m_{102}^{(21)}\\
&-m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(10)}m_{201}^{(22)} + m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(20)} + m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{201}^{(21)}\\
&+m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(10)} + m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{201}^{(20)} - m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{102}^{(00)}\\
&-m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(22)}m_{201}^{(10)} - m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(00)}m_{111}^{(21)} - m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{210}^{(22)}\\
&+m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(20)} + m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{210}^{(21)} + m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{210}^{(20)} - m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(00)} - m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(22)}m_{210}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(00)}m_{201}^{(21)} + m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{300}^{(22)} - m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{300}^{(21)} - m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(10)} - m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(21)}m_{300}^{(20)}\\
&+m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(21)}m_{201}^{(00)} + m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(22)}m_{300}^{(10)} + m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(10)}m_{030}^{(22)}\\
&+m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(21)} - m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(20)} - m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(20)}m_{030}^{(21)}\\
&-m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(20)}m_{021}^{(11)} - m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(21)}m_{030}^{(20)} + m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(22)}m_{030}^{(10)} + m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(00)}m_{021}^{(21)} + m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(00)}m_{012}^{(11)}\\
&-2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{120}^{(22)} - 3m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(21)} - m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(20)}\\
&-2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(10)} + 3m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(20)} + m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{012}^{(00)}\\
&+2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(21)} + 3m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(11)} - m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(10)}\\
&+2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(20)} - 3m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(10)} + m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(00)}\\
&-2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(22)}m_{120}^{(10)} - m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(00)}m_{030}^{(21)} - m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(00)}m_{021}^{(11)}\\
&+m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(21)} + m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(20)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(20)} - m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{021}^{(00)} - m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(11)}\\
&+m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(10)} + m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(10)} - m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(21)}m_{030}^{(00)}\\
&-m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(21)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(00)}m_{102}^{(11)} + m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{210}^{(22)}\\
&+2m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(21)} + m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(20)} + 4m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(10)}
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&-2m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(20)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(11)}m_{102}^{(00)} - m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(21)}\\
&-2m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{201}^{(11)} + m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(10)} - m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{210}^{(20)}\\
&+2m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(10)} - m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(00)} + m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(22)}m_{210}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(21)} + 3m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(00)}m_{111}^{(11)} - m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(21)}\\
&-m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(20)} - 6m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(10)} + m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(20)}\\
&+3m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{111}^{(00)} + m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(11)} - m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(10)} + m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(00)} - m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(00)}m_{120}^{(11)}\\
&+2m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(10)}m_{120}^{(10)} - m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(11)}m_{120}^{(00)} - m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(21)}\\
&-m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(00)}m_{012}^{(11)} - m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{120}^{(22)} + m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(20)}\\
&+2m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(10)} - m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{012}^{(00)} + m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{120}^{(21)}\\
&+m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(10)} + m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(20)} - m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(00)}\\
&-m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(22)}m_{120}^{(10)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(21)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{102}^{(11)}\\
&+2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{210}^{(22)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(20)} - 4m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(10)}\\
&+2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{102}^{(00)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(21)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(10)}\\
&-2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(20)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(00)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(21)} - m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{300}^{(22)} + m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(20)}\\
&+m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{300}^{(21)} + m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(10)} + m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{300}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{201}^{(00)} - m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(22)}m_{300}^{(10)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{201}^{(11)}\\
&+4m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(10)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{201}^{(00)} + m_{010}^{(20)}m_{001}^{(21)}m_{002}^{(00)}m_{210}^{(11)}\\
&-2m_{010}^{(20)}m_{001}^{(21)}m_{002}^{(10)}m_{210}^{(10)} + m_{010}^{(20)}m_{001}^{(21)}m_{002}^{(11)}m_{210}^{(00)} + m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(00)}m_{021}^{(11)}\\
&-2m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(10)} + m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{021}^{(00)} - 3m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{111}^{(11)}\\
&+6m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(10)} - 3m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{111}^{(00)} + m_{010}^{(20)}m_{001}^{(22)}m_{101}^{(00)}m_{120}^{(11)}\\
&-2m_{010}^{(20)}m_{001}^{(22)}m_{101}^{(10)}m_{120}^{(10)} + m_{010}^{(20)}m_{001}^{(22)}m_{101}^{(11)}m_{120}^{(00)} + 2m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{201}^{(11)}\\
&-4m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(10)} + 2m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(11)}m_{201}^{(00)} - m_{010}^{(20)}m_{001}^{(22)}m_{011}^{(00)}m_{210}^{(11)}\\
&+2m_{010}^{(20)}m_{001}^{(22)}m_{011}^{(10)}m_{210}^{(10)} - m_{010}^{(20)}m_{001}^{(22)}m_{011}^{(11)}m_{210}^{(00)} + (m_{010}^{(21)})^2m_{200}^{(00)}m_{111}^{(22)}\\
&+(m_{010}^{(21)})^2m_{200}^{(00)}m_{102}^{(21)} - (m_{010}^{(21)})^2m_{200}^{(10)}m_{102}^{(20)} - 2(m_{010}^{(21)})^2m_{200}^{(20)}m_{111}^{(20)}\\
&-(m_{010}^{(21)})^2m_{200}^{(20)}m_{102}^{(10)} + (m_{010}^{(21)})^2m_{200}^{(21)}m_{102}^{(00)} + (m_{010}^{(21)})^2m_{200}^{(22)}m_{111}^{(00)}\\
&-(m_{010}^{(21)})^2m_{110}^{(00)}m_{201}^{(22)} + 2(m_{010}^{(21)})^2m_{110}^{(20)}m_{201}^{(20)} - (m_{010}^{(21)})^2m_{110}^{(22)}m_{201}^{(00)}\\
&-(m_{010}^{(21)})^2m_{101}^{(00)}m_{210}^{(22)} - 2(m_{010}^{(21)})^2m_{101}^{(00)}m_{201}^{(21)} + 2(m_{010}^{(21)})^2m_{101}^{(10)}m_{201}^{(20)}\\
&+2(m_{010}^{(21)})^2m_{101}^{(20)}m_{210}^{(20)} + 2(m_{010}^{(21)})^2m_{101}^{(20)}m_{201}^{(10)} - 2(m_{010}^{(21)})^2m_{101}^{(21)}m_{201}^{(00)}\\
&-(m_{010}^{(21)})^2m_{101}^{(22)}m_{210}^{(00)} + (m_{010}^{(21)})^2m_{011}^{(00)}m_{300}^{(22)} - 2(m_{010}^{(21)})^2m_{011}^{(20)}m_{300}^{(20)}\\
&+(m_{010}^{(21)})^2m_{011}^{(22)}m_{300}^{(00)} + (m_{010}^{(21)})^2m_{002}^{(00)}m_{300}^{(21)} - (m_{010}^{(21)})^2m_{002}^{(10)}m_{300}^{(20)}\\
&-(m_{010}^{(21)})^2m_{002}^{(20)}m_{300}^{(10)} + (m_{010}^{(21)})^2m_{002}^{(21)}m_{300}^{(00)} - m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(00)}m_{120}^{(22)}\\
&-2m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(00)}m_{111}^{(21)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{111}^{(20)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{120}^{(20)}\\
&+2m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{111}^{(10)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(00)} - m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(22)}m_{120}^{(00)}\\
&+2m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(00)}m_{210}^{(22)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(00)}m_{201}^{(21)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{201}^{(20)}\\
&-4m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{210}^{(20)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{201}^{(10)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(00)}\\
&+2m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(22)}m_{210}^{(00)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(00)}m_{210}^{(21)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{210}^{(20)}
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\begin{aligned}
&-2m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(20)}m_{210}^{(10)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(00)} - m_{010}^{(21)}m_{010}^{(22)}m_{020}^{(00)}m_{300}^{(22)}\\
&+2m_{010}^{(21)}m_{010}^{(22)}m_{020}^{(20)}m_{300}^{(20)} - m_{010}^{(21)}m_{010}^{(22)}m_{020}^{(22)}m_{300}^{(00)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{300}^{(21)}\\
&+2m_{010}^{(21)}m_{010}^{(22)}m_{011}^{(10)}m_{300}^{(20)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{011}^{(20)}m_{300}^{(10)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{011}^{(21)}m_{300}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(00)}m_{021}^{(22)} - m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(00)}m_{012}^{(21)} + m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(10)}m_{102}^{(21)}\\
&+m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(10)}m_{012}^{(20)} - m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(11)}m_{102}^{(20)} - m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{102}^{(11)}\\
&+2m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{021}^{(20)} + m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{012}^{(10)} + m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{102}^{(10)}\\
&-m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(00)} - m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(22)}m_{021}^{(00)} + m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(00)}m_{030}^{(22)}\\
&+m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(00)}m_{021}^{(21)} - m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(10)}m_{111}^{(21)} - m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(10)}m_{021}^{(20)}\\
&+m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(11)}m_{111}^{(20)} + m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(20)}m_{111}^{(11)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(20)}m_{030}^{(20)}\\
&-m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(20)}m_{021}^{(10)} - m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{111}^{(10)} + m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(22)}m_{030}^{(00)} + m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(00)}m_{111}^{(22)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(20)}m_{111}^{(20)}\\
&+m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(22)}m_{111}^{(00)} - m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(00)}m_{120}^{(22)} + m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(00)}m_{111}^{(21)}\\
&-m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{201}^{(21)} - m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(20)} + m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(11)}m_{201}^{(20)}\\
&+m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{201}^{(11)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{120}^{(20)} - m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(10)}\\
&-m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{201}^{(10)} + m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(00)} - m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(22)}m_{120}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(00)}m_{002}^{(00)}m_{120}^{(21)} + m_{010}^{(21)}m_{001}^{(00)}m_{002}^{(10)}m_{210}^{(21)} + m_{010}^{(21)}m_{001}^{(00)}m_{002}^{(10)}m_{120}^{(20)}\\
&-m_{010}^{(21)}m_{001}^{(00)}m_{002}^{(11)}m_{210}^{(20)} - m_{010}^{(21)}m_{001}^{(00)}m_{002}^{(20)}m_{210}^{(11)} + m_{010}^{(21)}m_{001}^{(00)}m_{002}^{(20)}m_{120}^{(10)}\\
&+m_{010}^{(21)}m_{001}^{(00)}m_{002}^{(21)}m_{210}^{(10)} - m_{010}^{(21)}m_{001}^{(00)}m_{002}^{(21)}m_{120}^{(00)} + m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(00)}m_{021}^{(22)}\\
&+m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(00)}m_{012}^{(21)} - m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(10)}m_{102}^{(21)} - m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(10)}m_{012}^{(20)}\\
&+m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(11)}m_{102}^{(20)} + m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{102}^{(11)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{021}^{(20)}\\
&-m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{012}^{(10)} - m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{102}^{(10)} + m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(22)}m_{021}^{(00)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{120}^{(22)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{111}^{(21)}\\
&+2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{201}^{(21)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(20)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(11)}m_{201}^{(20)}\\
&-2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{201}^{(11)} + 4m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{120}^{(20)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(10)}\\
&+2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{201}^{(10)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(00)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(22)}m_{120}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(10)}m_{020}^{(00)}m_{201}^{(22)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{020}^{(20)}m_{201}^{(20)} - m_{010}^{(21)}m_{001}^{(10)}m_{020}^{(22)}m_{201}^{(00)}\\
&+2m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{210}^{(22)} - 4m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(20)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(22)}m_{210}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(00)}m_{210}^{(21)} - m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{300}^{(21)} - m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{210}^{(20)}\\
&+m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(11)}m_{300}^{(20)} + m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(20)}m_{300}^{(11)} - m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(20)}m_{210}^{(10)}\\
&-m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(21)}m_{300}^{(10)} + m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(21)}m_{210}^{(00)} - m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(00)}m_{111}^{(22)}\\
&+2m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{111}^{(20)} - m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(22)}m_{111}^{(00)} + m_{010}^{(21)}m_{001}^{(11)}m_{110}^{(00)}m_{201}^{(22)}\\
&-2m_{010}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{201}^{(20)} + m_{010}^{(21)}m_{001}^{(11)}m_{110}^{(22)}m_{201}^{(00)} + m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{210}^{(22)}\\
&-2m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{210}^{(20)} + m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(22)}m_{210}^{(00)} - m_{010}^{(21)}m_{001}^{(11)}m_{011}^{(00)}m_{300}^{(22)}\\
&+2m_{010}^{(21)}m_{001}^{(11)}m_{011}^{(20)}m_{300}^{(20)} - m_{010}^{(21)}m_{001}^{(11)}m_{011}^{(22)}m_{300}^{(00)} - m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(00)}m_{030}^{(22)}\\
&-m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(00)}m_{021}^{(21)} + m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{111}^{(21)} + m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(20)}\\
&-m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{111}^{(20)} - m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{111}^{(11)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{030}^{(20)}\\
&+m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{021}^{(10)} + m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{111}^{(10)} - m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(22)}m_{030}^{(00)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{120}^{(22)} + m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{111}^{(21)}
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\begin{aligned}
&+m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{102}^{(11)} - m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{201}^{(21)} - m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(20)}\\
&-2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{102}^{(10)} + m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{201}^{(20)} + m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{102}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{201}^{(11)} - 4m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(20)} - m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(10)}\\
&-m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{201}^{(10)} + m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(00)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(22)}m_{120}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(00)}m_{120}^{(21)} - m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(00)}m_{111}^{(11)} - m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{210}^{(21)}\\
&-m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(20)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(10)} + m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{210}^{(20)}\\
&-m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(00)} + m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(20)}m_{210}^{(11)} - m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(10)}\\
&-m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(21)}m_{210}^{(10)} + m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(00)} - m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{210}^{(22)}\\
&+2m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(20)} - m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(22)}m_{210}^{(00)} - m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{210}^{(21)}\\
&-m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{201}^{(11)} + m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{300}^{(21)} + m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(20)}\\
&+2m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(10)} - m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(11)}m_{300}^{(20)} - m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(11)}m_{201}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(20)}m_{300}^{(11)} + m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(10)} + m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(21)}m_{300}^{(10)}\\
&-m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(00)} + m_{010}^{(21)}m_{001}^{(20)}m_{002}^{(00)}m_{210}^{(11)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{002}^{(10)}m_{210}^{(10)}\\
&+m_{010}^{(21)}m_{001}^{(20)}m_{002}^{(11)}m_{210}^{(00)} + m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{120}^{(22)} - m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{102}^{(11)}\\
&+2m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{102}^{(10)} - m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(11)}m_{102}^{(00)} - 2m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{120}^{(20)}\\
&+m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(22)}m_{120}^{(00)} - 2m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{210}^{(22)} + 4m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(20)}\\
&-2m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(00)} + 2m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{201}^{(11)} - 4m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{201}^{(10)}\\
&+2m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(00)} + m_{010}^{(21)}m_{001}^{(21)}m_{020}^{(00)}m_{300}^{(22)} - 2m_{010}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{300}^{(20)}\\
&+m_{010}^{(21)}m_{001}^{(21)}m_{020}^{(22)}m_{300}^{(00)} - m_{010}^{(21)}m_{001}^{(21)}m_{002}^{(00)}m_{300}^{(11)} + 2m_{010}^{(21)}m_{001}^{(21)}m_{002}^{(10)}m_{300}^{(10)}\\
&-m_{010}^{(21)}m_{001}^{(21)}m_{002}^{(11)}m_{300}^{(00)} + m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(00)}m_{111}^{(11)} - 2m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{111}^{(10)}\\
&+m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(00)} - m_{010}^{(21)}m_{001}^{(22)}m_{101}^{(00)}m_{210}^{(11)} + 2m_{010}^{(21)}m_{001}^{(22)}m_{101}^{(10)}m_{210}^{(10)}\\
&-m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(11)}m_{201}^{(00)} - m_{010}^{(21)}m_{001}^{(22)}m_{101}^{(00)}m_{210}^{(11)} + 2m_{010}^{(21)}m_{001}^{(22)}m_{101}^{(10)}m_{210}^{(10)}\\
&-m_{010}^{(21)}m_{001}^{(22)}m_{101}^{(11)}m_{210}^{(00)} + m_{010}^{(21)}m_{001}^{(22)}m_{011}^{(00)}m_{300}^{(11)} - 2m_{010}^{(21)}m_{001}^{(22)}m_{011}^{(10)}m_{300}^{(10)}\\
&+m_{010}^{(21)}m_{001}^{(22)}m_{011}^{(11)}m_{300}^{(00)} + (m_{010}^{(22)})^2m_{200}^{(00)}m_{120}^{(21)} - (m_{010}^{(22)})^2m_{200}^{(10)}m_{120}^{(20)}\\
&-(m_{010}^{(22)})^2m_{200}^{(20)}m_{120}^{(10)} + (m_{010}^{(22)})^2m_{200}^{(21)}m_{120}^{(00)} - 2(m_{010}^{(22)})^2m_{110}^{(00)}m_{210}^{(21)}\\
&+2(m_{010}^{(22)})^2m_{110}^{(10)}m_{210}^{(20)} + 2(m_{010}^{(22)})^2m_{110}^{(20)}m_{210}^{(10)} - 2(m_{010}^{(22)})^2m_{110}^{(21)}m_{210}^{(00)}\\
&+(m_{010}^{(22)})^2m_{020}^{(00)}m_{300}^{(21)} - (m_{010}^{(22)})^2m_{020}^{(10)}m_{300}^{(20)} - (m_{010}^{(22)})^2m_{020}^{(20)}m_{300}^{(10)}\\
&+(m_{010}^{(22)})^2m_{020}^{(21)}m_{300}^{(00)} + m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(00)}m_{021}^{(21)} - m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(10)}m_{111}^{(21)}\\
&-m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(10)}m_{021}^{(20)} + m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(11)}m_{111}^{(20)} + m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(20)}m_{111}^{(11)}\\
&-m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(20)}m_{021}^{(10)} - m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(21)}m_{111}^{(10)} + m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(21)}m_{021}^{(00)}\\
&-m_{010}^{(22)}m_{001}^{(00)}m_{101}^{(00)}m_{030}^{(21)} + m_{010}^{(22)}m_{001}^{(00)}m_{101}^{(10)}m_{120}^{(21)} + m_{010}^{(22)}m_{001}^{(00)}m_{101}^{(10)}m_{030}^{(20)}\\
&-m_{010}^{(22)}m_{001}^{(00)}m_{101}^{(11)}m_{120}^{(20)} - m_{010}^{(22)}m_{001}^{(00)}m_{101}^{(20)}m_{120}^{(11)} + m_{010}^{(22)}m_{001}^{(00)}m_{101}^{(20)}m_{030}^{(10)}\\
&+m_{010}^{(22)}m_{001}^{(00)}m_{101}^{(21)}m_{120}^{(10)} - m_{010}^{(22)}m_{001}^{(00)}m_{101}^{(21)}m_{030}^{(00)} - m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(00)}m_{111}^{(21)}\\
&+m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(10)}m_{201}^{(21)} + m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(10)}m_{111}^{(20)} - m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(11)}m_{201}^{(20)}\\
&-m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(20)}m_{201}^{(11)} + m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(20)}m_{111}^{(10)} + m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(21)}m_{201}^{(10)}\\
&-m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(21)}m_{111}^{(00)} + m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(00)}m_{120}^{(21)} - m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(10)}m_{210}^{(21)}\\
&-m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(10)}m_{120}^{(20)} + m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(11)}m_{210}^{(20)} + m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(20)}m_{210}^{(11)}\\
&-m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(20)}m_{120}^{(10)} - m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(21)}m_{210}^{(10)} + m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(21)}m_{120}^{(00)}
\end{aligned}
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\begin{aligned}
&-m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(00)}m_{021}^{(21)} + m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(10)}m_{111}^{(21)} + m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(10)}m_{021}^{(20)}\\
&-m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(11)}m_{111}^{(20)} - m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(20)}m_{111}^{(11)} + m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(20)}m_{021}^{(10)}\\
&+m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(21)}m_{111}^{(10)} - m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(00)} + m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(00)}m_{111}^{(21)}\\
&-m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{201}^{(21)} - m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{111}^{(20)} + m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(11)}m_{201}^{(20)}\\
&+m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(20)}m_{201}^{(11)} - m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(10)} - m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(21)}m_{201}^{(10)}\\
&+m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(00)} + m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(00)}m_{120}^{(21)} - m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(10)}m_{210}^{(21)}\\
&-m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(10)}m_{120}^{(20)} + m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(11)}m_{210}^{(20)} + m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(20)}m_{210}^{(11)}\\
&-m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(20)}m_{120}^{(10)} - m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(21)}m_{210}^{(10)} + m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(00)}\\
&-m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(00)}m_{210}^{(21)} + m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(10)}m_{300}^{(21)} + m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(10)}m_{210}^{(20)}\\
&-m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(11)}m_{300}^{(20)} - m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(20)}m_{300}^{(11)} + m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(10)}\\
&+m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(21)}m_{300}^{(10)} - m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(21)}m_{210}^{(00)} + m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(00)}m_{030}^{(21)}\\
&-m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(10)}m_{120}^{(21)} - m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(10)}m_{030}^{(20)} + m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{120}^{(20)}\\
&+m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(20)}m_{120}^{(11)} - m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(20)}m_{030}^{(10)} - m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(21)}m_{120}^{(10)}\\
&+m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(21)}m_{030}^{(00)} - 2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(00)}m_{120}^{(21)} - m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(00)}m_{111}^{(11)}\\
&+2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{210}^{(21)} + 2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{120}^{(20)} + 2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(10)}\\
&-2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{210}^{(20)} - m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(00)} - 2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(20)}m_{210}^{(11)}\\
&+2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(10)} + 2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(10)} - 2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(00)}\\
&+m_{010}^{(22)}m_{001}^{(20)}m_{101}^{(00)}m_{120}^{(11)} - 2m_{010}^{(22)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(10)} + m_{010}^{(22)}m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(00)}\\
&+m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{210}^{(21)} + m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{201}^{(11)} - m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{300}^{(21)}\\
&-m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{210}^{(20)} - 2m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(10)} + m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(11)}m_{300}^{(20)}\\
&+m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(00)} + m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(20)}m_{300}^{(11)} - m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(10)}\\
&-m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(21)}m_{300}^{(10)} + m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(21)}m_{210}^{(00)} - m_{010}^{(22)}m_{001}^{(20)}m_{001}^{(00)}m_{011}^{(11)}\\
&+2m_{010}^{(22)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(10)} - m_{010}^{(22)}m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(00)} + m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(00)}m_{111}^{(11)}\\
&-2m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(10)} + m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(00)} - m_{010}^{(22)}m_{001}^{(21)}m_{001}^{(00)}m_{201}^{(11)}\\
&+2m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(10)} - m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(00)} - m_{010}^{(22)}m_{001}^{(21)}m_{001}^{(00)}m_{101}^{(11)}m_{210}^{(10)}\\
&+2m_{010}^{(22)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(10)} - m_{010}^{(22)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(00)} + m_{010}^{(22)}m_{001}^{(21)}m_{001}^{(00)}m_{011}^{(11)}m_{300}^{(10)}\\
&-2m_{010}^{(22)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(10)} + m_{010}^{(22)}m_{001}^{(21)}m_{011}^{(11)}m_{300}^{(00)} - m_{010}^{(22)}m_{001}^{(22)}m_{200}^{(00)}m_{120}^{(11)}\\
&+2m_{010}^{(22)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(10)} - m_{010}^{(22)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(00)} + 2m_{010}^{(22)}m_{001}^{(22)}m_{110}^{(00)}m_{210}^{(11)}\\
&-4m_{010}^{(22)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(10)} + 2m_{010}^{(22)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(00)} - m_{010}^{(22)}m_{001}^{(22)}m_{020}^{(00)}m_{300}^{(11)}\\
&+2m_{010}^{(22)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(10)} - m_{010}^{(22)}m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(00)} - (m_{001}^{(00)})^2m_{020}^{(10)}m_{012}^{(21)}\\
&+(m_{001}^{(00)})^2m_{020}^{(11)}m_{012}^{(20)} + (m_{001}^{(00)})^2m_{020}^{(20)}m_{012}^{(11)} - (m_{001}^{(00)})^2m_{020}^{(21)}m_{012}^{(10)}\\
&+2(m_{001}^{(00)})^2m_{011}^{(10)}m_{021}^{(21)} - 2(m_{001}^{(00)})^2m_{011}^{(11)}m_{021}^{(20)} - 2(m_{001}^{(00)})^2m_{011}^{(20)}m_{021}^{(11)}\\
&+2(m_{001}^{(00)})^2m_{011}^{(21)}m_{021}^{(10)} - (m_{001}^{(00)})^2m_{002}^{(10)}m_{030}^{(21)} + (m_{001}^{(00)})^2m_{002}^{(11)}m_{030}^{(20)}\\
&+(m_{001}^{(00)})^2m_{002}^{(20)}m_{030}^{(11)} - (m_{001}^{(00)})^2m_{002}^{(21)}m_{030}^{(10)} + 2m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(21)}\\
&-2m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(11)}m_{012}^{(20)} - 2m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(11)} + 2m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(10)}\\
&-2m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(21)} + 2m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(11)}m_{021}^{(20)} + 2m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(11)}\\
&-2m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(10)} + m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(00)}m_{012}^{(21)} + m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(21)}\\
&-m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(10)}m_{012}^{(20)} - m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(11)}m_{102}^{(20)} - m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(11)}
\end{aligned}
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\begin{aligned}
&-m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{012}^{(10)}+m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{102}^{(10)}+m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{012}^{(00)}\\
&-2m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(00)}m_{021}^{(21)}-4m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(21)}+2m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{021}^{(20)}\\
&+4m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{111}^{(20)}+4m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(11)}+2m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{021}^{(10)}\\
&-4m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(10)}-2m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{021}^{(00)}+m_{001}^{(00)}m_{001}^{(10)}m_{002}^{(00)}m_{030}^{(21)}\\
&+3m_{001}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{120}^{(21)}-m_{001}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{030}^{(20)}-3m_{001}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{120}^{(20)}\\
&-3m_{001}^{(00)}m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(11)}-m_{001}^{(00)}m_{001}^{(10)}m_{002}^{(20)}m_{030}^{(10)}+3m_{001}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{120}^{(10)}\\
&+m_{001}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{030}^{(00)}-m_{001}^{(00)}m_{001}^{(11)}m_{110}^{(00)}m_{012}^{(21)}-m_{001}^{(00)}m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(21)}\\
&+m_{001}^{(00)}m_{001}^{(11)}m_{110}^{(10)}m_{012}^{(20)}+m_{001}^{(00)}m_{001}^{(11)}m_{110}^{(11)}m_{102}^{(20)}+m_{001}^{(00)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(11)}\\
&+m_{001}^{(00)}m_{001}^{(11)}m_{110}^{(20)}m_{012}^{(10)}-m_{001}^{(00)}m_{001}^{(11)}m_{110}^{(21)}m_{102}^{(10)}-m_{001}^{(00)}m_{001}^{(11)}m_{110}^{(21)}m_{012}^{(00)}\\
&+m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(00)}m_{021}^{(21)}+m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(21)}-m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(10)}m_{021}^{(20)}\\
&-m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(11)}m_{111}^{(20)}-m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(11)}-m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(20)}m_{021}^{(10)}\\
&+m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(10)}+m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{021}^{(00)}+m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(00)}m_{111}^{(21)}\\
&+m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(21)}-m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(10)}m_{111}^{(20)}-m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(11)}m_{201}^{(20)}\\
&-m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(11)}-m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(10)}+m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{201}^{(10)}\\
&+m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{111}^{(00)}-m_{001}^{(00)}m_{001}^{(11)}m_{002}^{(00)}m_{120}^{(21)}-m_{001}^{(00)}m_{001}^{(11)}m_{002}^{(10)}m_{210}^{(21)}\\
&+m_{001}^{(00)}m_{001}^{(11)}m_{002}^{(10)}m_{120}^{(20)}+m_{001}^{(00)}m_{001}^{(11)}m_{002}^{(11)}m_{210}^{(20)}+m_{001}^{(00)}m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(11)}\\
&+m_{001}^{(00)}m_{001}^{(11)}m_{002}^{(20)}m_{120}^{(10)}-m_{001}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{210}^{(10)}-m_{001}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{120}^{(00)}\\
&-2m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(21)}+2m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(11)}m_{021}^{(20)}+2m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(11)}\\
&-2m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(10)}+2m_{001}^{(00)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(21)}-2m_{001}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{030}^{(20)}\\
&-2m_{001}^{(00)}m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(11)}+2m_{001}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{030}^{(10)}-m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(00)}m_{012}^{(11)}\\
&+2m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(21)}+2m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{012}^{(10)}-2m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{111}^{(20)}\\
&-m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{012}^{(00)}-2m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(11)}+2m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(10)}\\
&+2m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(00)}m_{021}^{(11)}-2m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(21)}-4m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{021}^{(10)}\\
&+2m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{120}^{(20)}+2m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{021}^{(00)}+2m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(11)}\\
&-2m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(10)}-m_{001}^{(00)}m_{001}^{(20)}m_{002}^{(00)}m_{030}^{(11)}+2m_{001}^{(00)}m_{001}^{(20)}m_{002}^{(10)}m_{030}^{(10)}\\
&-m_{001}^{(00)}m_{001}^{(20)}m_{002}^{(11)}m_{030}^{(00)}+m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(00)}m_{021}^{(21)}+m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(00)}m_{012}^{(11)}\\
&+m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(21)}-m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{021}^{(20)}-2m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{012}^{(10)}\\
&-m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(11)}m_{111}^{(20)}+m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(11)}m_{012}^{(00)}-m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(11)}\\
&-m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{021}^{(10)}+m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(10)}+m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{021}^{(00)}\\
&-m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(00)}m_{030}^{(21)}-m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(00)}m_{021}^{(11)}-m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(21)}\\
&+m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{030}^{(20)}+2m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(10)}+m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{120}^{(20)}\\
&-m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{021}^{(00)}+m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(11)}+m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(20)}m_{030}^{(10)}\\
&-m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(10)}-m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{030}^{(00)}-m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(21)}\\
&-m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(21)}+m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{111}^{(20)}+m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(11)}m_{201}^{(20)}\\
&+m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(11)}+m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{111}^{(10)}-m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{201}^{(10)}\\
&-m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{111}^{(00)}+m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(00)}m_{120}^{(21)}-m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(11)}\\
&+m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(21)}-m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{120}^{(20)}+2m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(10)}\\
&-m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{210}^{(20)}-m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{111}^{(00)}-m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(11)}
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&-m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{120}^{(10)} + m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(10)} + m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{120}^{(00)}\\
&+m_{001}^{(00)}m_{001}^{(21)}m_{002}^{(00)}m_{120}^{(11)} - 2m_{001}^{(00)}m_{001}^{(21)}m_{002}^{(10)}m_{120}^{(10)} + m_{001}^{(00)}m_{001}^{(21)}m_{002}^{(11)}m_{120}^{(00)}\\
&-m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(00)}m_{021}^{(11)} + 2m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{021}^{(10)} - m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(11)}m_{021}^{(00)}\\
&+m_{001}^{(00)}m_{001}^{(22)}m_{101}^{(00)}m_{030}^{(11)} - 2m_{001}^{(00)}m_{001}^{(22)}m_{101}^{(10)}m_{030}^{(10)} + m_{001}^{(00)}m_{001}^{(22)}m_{101}^{(11)}m_{030}^{(00)}\\
&+m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(11)} - 2m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(10)}m_{111}^{(10)} + m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(11)}m_{111}^{(00)}\\
&-m_{001}^{(00)}m_{001}^{(22)}m_{011}^{(00)}m_{120}^{(11)} + 2m_{001}^{(00)}m_{001}^{(22)}m_{011}^{(10)}m_{120}^{(10)} - m_{001}^{(00)}m_{001}^{(22)}m_{011}^{(11)}m_{120}^{(00)}\\
&-(m_{001}^{(10)})^2m_{200}^{(10)}m_{012}^{(21)} + (m_{001}^{(10)})^2m_{200}^{(11)}m_{012}^{(20)} + (m_{001}^{(10)})^2m_{200}^{(20)}m_{012}^{(11)}\\
&-(m_{001}^{(10)})^2m_{200}^{(21)}m_{012}^{(10)} - (m_{001}^{(10)})^2m_{110}^{(00)}m_{012}^{(21)} - (m_{001}^{(10)})^2m_{110}^{(10)}m_{102}^{(21)}\\
&+(m_{001}^{(10)})^2m_{110}^{(10)}m_{012}^{(20)} + (m_{001}^{(10)})^2m_{110}^{(11)}m_{102}^{(20)} + (m_{001}^{(10)})^2m_{110}^{(20)}m_{102}^{(11)}\\
&+(m_{001}^{(10)})^2m_{110}^{(20)}m_{012}^{(10)} - (m_{001}^{(10)})^2m_{110}^{(21)}m_{102}^{(10)} - (m_{001}^{(10)})^2m_{110}^{(21)}m_{012}^{(00)}\\
&+(m_{001}^{(10)})^2m_{101}^{(00)}m_{021}^{(21)} + 3(m_{001}^{(10)})^2m_{101}^{(10)}m_{111}^{(21)} - (m_{001}^{(10)})^2m_{101}^{(10)}m_{021}^{(20)}\\
&-3(m_{001}^{(10)})^2m_{101}^{(11)}m_{111}^{(20)} - 3(m_{001}^{(10)})^2m_{101}^{(20)}m_{111}^{(11)} - (m_{001}^{(10)})^2m_{101}^{(20)}m_{021}^{(10)}\\
&+3(m_{001}^{(10)})^2m_{101}^{(21)}m_{111}^{(10)} + (m_{001}^{(10)})^2m_{101}^{(21)}m_{021}^{(00)} - (m_{001}^{(10)})^2m_{020}^{(00)}m_{102}^{(21)}\\
&+(m_{001}^{(10)})^2m_{020}^{(10)}m_{102}^{(20)} + (m_{001}^{(10)})^2m_{020}^{(20)}m_{102}^{(10)} - (m_{001}^{(10)})^2m_{020}^{(21)}m_{102}^{(00)}\\
&+3(m_{001}^{(10)})^2m_{011}^{(00)}m_{111}^{(21)} + (m_{001}^{(10)})^2m_{011}^{(10)}m_{201}^{(21)} - 3(m_{001}^{(10)})^2m_{011}^{(10)}m_{111}^{(20)}\\
&-(m_{001}^{(10)})^2m_{011}^{(11)}m_{201}^{(20)} - (m_{001}^{(10)})^2m_{011}^{(20)}m_{201}^{(11)} - 3(m_{001}^{(10)})^2m_{011}^{(20)}m_{111}^{(10)}\\
&+(m_{001}^{(10)})^2m_{011}^{(21)}m_{201}^{(10)} + 3(m_{001}^{(10)})^2m_{011}^{(21)}m_{111}^{(00)} - 2(m_{001}^{(10)})^2m_{002}^{(00)}m_{120}^{(21)}\\
&-2(m_{001}^{(10)})^2m_{002}^{(10)}m_{210}^{(21)} + 2(m_{001}^{(10)})^2m_{002}^{(10)}m_{120}^{(20)} + 2(m_{001}^{(10)})^2m_{002}^{(11)}m_{210}^{(20)}\\
&+2(m_{001}^{(10)})^2m_{002}^{(20)}m_{210}^{(11)} + 2(m_{001}^{(10)})^2m_{002}^{(20)}m_{120}^{(10)} - 2(m_{001}^{(10)})^2m_{002}^{(21)}m_{210}^{(10)}\\
&-2(m_{001}^{(10)})^2m_{002}^{(21)}m_{120}^{(00)} + m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(00)}m_{012}^{(21)} + m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(21)}\\
&-m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(20)} - m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(11)}m_{102}^{(20)} - m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{102}^{(11)}\\
&-m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(10)} + m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(10)} + m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{012}^{(00)}\\
&+2m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(00)}m_{102}^{(21)} - 2m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(20)} - 2m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(10)}\\
&+2m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(21)}m_{102}^{(00)} - 4m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{111}^{(21)} - 2m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(21)}\\
&+4m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(20)} + 2m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(11)}m_{201}^{(20)} + 2m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{201}^{(11)}\\
&+4m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(10)} - 2m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(10)} - 4m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(00)}\\
&-2m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{201}^{(21)} + 2m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(20)} + 2m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(10)}\\
&-2m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(21)}m_{201}^{(00)} + 3m_{001}^{(10)}m_{001}^{(11)}m_{002}^{(00)}m_{210}^{(21)} + m_{001}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{300}^{(21)}\\
&-3m_{001}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{210}^{(20)} - m_{001}^{(10)}m_{001}^{(11)}m_{002}^{(11)}m_{300}^{(20)} - m_{001}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{300}^{(11)}\\
&-3m_{001}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(10)} + m_{001}^{(10)}m_{001}^{(11)}m_{002}^{(21)}m_{300}^{(10)} + 3m_{001}^{(10)}m_{001}^{(11)}m_{002}^{(21)}m_{210}^{(00)}\\
&+2m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(21)} - 2m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(20)} - 2m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(20)}m_{021}^{(11)}\\
&+2m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(10)} + m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(00)}m_{021}^{(21)} + m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(00)}m_{012}^{(11)}\\
&-m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(21)} - m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(20)} - 2m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(10)}\\
&+m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(20)} + m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{012}^{(00)} + m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(11)}\\
&-m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(10)} - m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(10)} + m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(00)}\\
&-m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(00)}m_{030}^{(21)} - m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(00)}m_{021}^{(11)} - 3m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(21)}\\
&+m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(20)} + 2m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(10)} + 3m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(20)}\\
&-m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{021}^{(00)} + 3m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(11)} + m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(10)}
\end{aligned}
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\begin{aligned}
&-3m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(10)} - m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{030}^{(00)} - m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(21)}\\
&+m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{102}^{(11)} - m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(21)} + m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(20)}\\
&-2m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(10)} + m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(20)} + m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(11)}m_{102}^{(00)}\\
&+m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{201}^{(11)} + m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(10)} - m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(10)}\\
&-m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(00)} + m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(21)} - 3m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{111}^{(11)}\\
&+3m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(21)} - m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(20)} + 6m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(10)}\\
&-3m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(20)} - 3m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{111}^{(00)} - 3m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(11)}\\
&-m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(10)} + 3m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(10)} + m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(00)}\\
&+2m_{001}^{(10)}m_{001}^{(20)}m_{002}^{(00)}m_{120}^{(11)} - 4m_{001}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{120}^{(10)} + 2m_{001}^{(10)}m_{001}^{(20)}m_{002}^{(11)}m_{120}^{(00)}\\
&-m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(21)} - m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(00)}m_{012}^{(11)} - m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(21)}\\
&+m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(20)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(10)} + m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(20)}\\
&-m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{012}^{(00)} + m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(11)} + m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(10)}\\
&-m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(10)} - m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(00)} - m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(21)}\\
&-m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{102}^{(11)} + m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(21)} + m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(20)}\\
&+2m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(10)} - m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(20)} - m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(11)}m_{102}^{(00)}\\
&-m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(11)} + m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(10)} + m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(10)}\\
&-m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(00)} + 3m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(21)} + 3m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(11)}\\
&+m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(21)} - 3m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(20)} - 6m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(10)}\\
&-m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(20)} + 3m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{111}^{(00)} - m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(11)}\\
&-3m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(10)} + m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(10)} + 3m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(00)}\\
&+2m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(21)} - 2m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(20)} - 2m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(10)}\\
&+2m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(21)}m_{201}^{(00)} - 3m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(21)} + m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{201}^{(11)}\\
&-m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(21)} + 3m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(20)} - 2m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(10)}\\
&+m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(11)}m_{300}^{(20)} + m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(11)}m_{201}^{(00)} + m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(11)}\\
&+3m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(10)} - m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(10)} - 3m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(00)}\\
&-2m_{001}^{(10)}m_{001}^{(21)}m_{002}^{(00)}m_{210}^{(11)} + 4m_{001}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{210}^{(10)} - 2m_{001}^{(10)}m_{001}^{(21)}m_{002}^{(11)}m_{210}^{(00)}\\
&+m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(00)}m_{021}^{(11)} - 2m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(10)} + m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{021}^{(00)}\\
&-2m_{001}^{(10)}m_{001}^{(22)}m_{101}^{(00)}m_{120}^{(11)} + 4m_{001}^{(10)}m_{001}^{(22)}m_{101}^{(10)}m_{120}^{(10)} - 2m_{001}^{(10)}m_{001}^{(22)}m_{101}^{(11)}m_{120}^{(00)}\\
&-m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{201}^{(11)} + 2m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(10)} - m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(11)}m_{201}^{(00)}\\
&+2m_{001}^{(10)}m_{001}^{(22)}m_{011}^{(00)}m_{210}^{(11)} - 4m_{001}^{(10)}m_{001}^{(22)}m_{011}^{(10)}m_{210}^{(10)} + 2m_{001}^{(10)}m_{001}^{(22)}m_{011}^{(11)}m_{210}^{(00)}\\
&-(m_{001}^{(11)})^2m_{200}^{(00)}m_{102}^{(21)} + (m_{001}^{(11)})^2m_{200}^{(10)}m_{102}^{(20)} + (m_{001}^{(11)})^2m_{200}^{(20)}m_{102}^{(10)}\\
&-(m_{001}^{(11)})^2m_{200}^{(21)}m_{102}^{(00)} + 2(m_{001}^{(11)})^2m_{101}^{(00)}m_{201}^{(21)} - 2(m_{001}^{(11)})^2m_{101}^{(10)}m_{201}^{(20)}\\
&-2(m_{001}^{(11)})^2m_{101}^{(20)}m_{201}^{(10)} + 2(m_{001}^{(11)})^2m_{101}^{(21)}m_{201}^{(00)} - (m_{001}^{(11)})^2m_{002}^{(00)}m_{300}^{(21)}\\
&+(m_{001}^{(11)})^2m_{002}^{(10)}m_{300}^{(20)} + (m_{001}^{(11)})^2m_{002}^{(20)}m_{300}^{(10)} - (m_{001}^{(11)})^2m_{002}^{(21)}m_{300}^{(00)}\\
&-m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(00)}m_{021}^{(21)} - m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{111}^{(21)} + m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(20)}\\
&+m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(11)}m_{111}^{(20)} + m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(10)} + m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{021}^{(10)}\\
&-m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{111}^{(10)} - m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(00)} + m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(00)}m_{111}^{(21)}\\
&-m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(00)}m_{102}^{(11)} + m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{201}^{(21)} - m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(20)}
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\begin{aligned}
&+2m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{102}^{(10)} - m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(11)}m_{201}^{(20)} - m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(11)}m_{102}^{(00)}\\
&-m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{201}^{(11)} - m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(10)} + m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{201}^{(10)}\\
&+m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(00)} + m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{120}^{(21)} + m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{111}^{(11)}\\
&+m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{210}^{(21)} - m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(20)} - 2m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(10)}\\
&-m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{210}^{(20)} + m_{001}^{(11)}m_{001}^{(20)}m_{111}^{(11)}m_{111}^{(00)} - m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{210}^{(11)}\\
&-m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(10)} + m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{210}^{(10)} + m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(00)}\\
&-m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{210}^{(21)} + m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{201}^{(11)} - m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{300}^{(21)}\\
&+m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(20)} - 2m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(10)} + m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(11)}m_{300}^{(20)}\\
&+m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(11)}m_{201}^{(00)} + m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{300}^{(11)} + m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(10)}\\
&-m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{300}^{(10)} - m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(00)} - m_{001}^{(11)}m_{001}^{(20)}m_{002}^{(00)}m_{210}^{(11)}\\
&+2m_{001}^{(11)}m_{001}^{(20)}m_{002}^{(10)}m_{210}^{(10)} - m_{001}^{(11)}m_{001}^{(20)}m_{002}^{(11)}m_{210}^{(00)} + 2m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{111}^{(21)}\\
&+m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{102}^{(11)} - 2m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(20)} - 2m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{102}^{(10)}\\
&+m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(11)}m_{102}^{(00)} - 2m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(10)} + 2m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(00)}\\
&-2m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{201}^{(21)} + 2m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(20)} + 2m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(10)}\\
&-2m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(00)} - 2m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{210}^{(21)} - 2m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{201}^{(11)}\\
&+2m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(20)} + 4m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{201}^{(10)} - 2m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(00)}\\
&+2m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(10)} - 2m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(00)} + 2m_{001}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{300}^{(21)}\\
&-2m_{001}^{(11)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(20)} - 2m_{001}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(10)} + 2m_{001}^{(11)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(00)}\\
&+m_{001}^{(11)}m_{001}^{(21)}m_{002}^{(00)}m_{300}^{(11)} - 2m_{001}^{(11)}m_{001}^{(21)}m_{002}^{(10)}m_{300}^{(10)} + m_{001}^{(11)}m_{001}^{(21)}m_{002}^{(11)}m_{300}^{(00)}\\
&-m_{001}^{(11)}m_{001}^{(22)}m_{200}^{(00)}m_{111}^{(11)} + 2m_{001}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{111}^{(10)} - m_{001}^{(11)}m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(00)}\\
&+m_{001}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{201}^{(11)} - 2m_{001}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{201}^{(10)} + m_{001}^{(11)}m_{001}^{(22)}m_{110}^{(11)}m_{201}^{(00)}\\
&+m_{001}^{(11)}m_{001}^{(22)}m_{101}^{(00)}m_{210}^{(11)} - 2m_{001}^{(11)}m_{001}^{(22)}m_{101}^{(10)}m_{210}^{(10)} + m_{001}^{(11)}m_{001}^{(22)}m_{101}^{(11)}m_{210}^{(00)}\\
&-m_{001}^{(11)}m_{001}^{(22)}m_{011}^{(00)}m_{300}^{(11)} + 2m_{001}^{(11)}m_{001}^{(22)}m_{011}^{(10)}m_{300}^{(10)} - m_{001}^{(11)}m_{001}^{(22)}m_{011}^{(11)}m_{300}^{(00)}\\
&-(m_{001}^{(20)})^2m_{200}^{(10)}m_{030}^{(21)} + (m_{001}^{(20)})^2m_{200}^{(11)}m_{030}^{(20)} + (m_{001}^{(20)})^2m_{200}^{(20)}m_{030}^{(11)}\\
&-(m_{001}^{(20)})^2m_{200}^{(21)}m_{030}^{(10)} - (m_{001}^{(20)})^2m_{110}^{(00)}m_{021}^{(11)} + 2(m_{001}^{(20)})^2m_{110}^{(10)}m_{120}^{(21)}\\
&+2(m_{001}^{(20)})^2m_{110}^{(10)}m_{021}^{(10)} - 2(m_{001}^{(20)})^2m_{110}^{(11)}m_{120}^{(20)} - (m_{001}^{(20)})^2m_{110}^{(11)}m_{021}^{(00)}\\
&-2(m_{001}^{(20)})^2m_{110}^{(20)}m_{120}^{(11)} + 2(m_{001}^{(20)})^2m_{110}^{(21)}m_{120}^{(10)} + (m_{001}^{(20)})^2m_{101}^{(00)}m_{030}^{(11)}\\
&-2(m_{001}^{(20)})^2m_{101}^{(10)}m_{030}^{(10)} + (m_{001}^{(20)})^2m_{101}^{(11)}m_{030}^{(00)} + (m_{001}^{(20)})^2m_{020}^{(00)}m_{111}^{(11)}\\
&-(m_{001}^{(20)})^2m_{020}^{(10)}m_{210}^{(21)} - 2(m_{001}^{(20)})^2m_{020}^{(10)}m_{111}^{(10)} + (m_{001}^{(20)})^2m_{020}^{(11)}m_{210}^{(20)}\\
&+(m_{001}^{(20)})^2m_{020}^{(11)}m_{111}^{(00)} + (m_{001}^{(20)})^2m_{020}^{(20)}m_{210}^{(11)} - (m_{001}^{(20)})^2m_{020}^{(21)}m_{210}^{(10)}\\
&-(m_{001}^{(20)})^2m_{011}^{(00)}m_{120}^{(11)} + 2(m_{001}^{(20)})^2m_{011}^{(10)}m_{120}^{(10)} - (m_{001}^{(20)})^2m_{011}^{(11)}m_{120}^{(00)}\\
&+m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(00)}m_{030}^{(21)} + m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(11)} + m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{120}^{(21)}\\
&-m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{030}^{(20)} - 2m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(10)} - m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{120}^{(20)}\\
&+m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{021}^{(00)} - m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{120}^{(11)} - m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{030}^{(10)}\\
&+m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(10)} + m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{030}^{(00)} - 2m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{120}^{(21)}\\
&-2m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{210}^{(21)} + 2m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{120}^{(20)} + 2m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{210}^{(20)}\\
&+2m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(11)} + 2m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(10)} - 2m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(10)}\\
&-2m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{120}^{(00)} - 2m_{001}^{(20)}m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(11)} + 4m_{001}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(10)}
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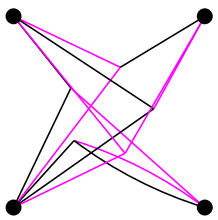
&-2m_{001}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{120}^{(00)} + m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{210}^{(21)} - m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(11)}\\
&+m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{300}^{(21)} - m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{210}^{(20)} + 2m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(10)}\\
&-m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(11)}m_{300}^{(20)} - m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(11)}m_{201}^{(00)} - m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{300}^{(11)}\\
&-m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(10)} + m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{300}^{(10)} + m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{210}^{(00)}\\
&+2m_{001}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(11)} - 4m_{001}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(10)} + 2m_{001}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{210}^{(00)}\\
&-m_{001}^{(20)}m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(11)} + 2m_{001}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(10)} - m_{001}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{030}^{(00)}\\
&+2m_{001}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(11)} - 4m_{001}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(10)} + 2m_{001}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{120}^{(00)}\\
&-m_{001}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(11)} + 2m_{001}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(10)} - m_{001}^{(20)}m_{001}^{(22)}m_{020}^{(11)}m_{210}^{(00)}\\
&-(m_{001}^{(21)})^2m_{200}^{(00)}m_{120}^{(21)} - (m_{001}^{(21)})^2m_{200}^{(00)}m_{111}^{(11)} + (m_{001}^{(21)})^2m_{200}^{(10)}m_{120}^{(20)}\\
&+2(m_{001}^{(21)})^2m_{200}^{(10)}m_{111}^{(10)} - (m_{001}^{(21)})^2m_{200}^{(11)}m_{111}^{(00)} + (m_{001}^{(21)})^2m_{200}^{(20)}m_{120}^{(10)}\\
&-(m_{001}^{(21)})^2m_{200}^{(21)}m_{120}^{(00)} + 2(m_{001}^{(21)})^2m_{110}^{(00)}m_{210}^{(21)} + (m_{001}^{(21)})^2m_{110}^{(00)}m_{201}^{(11)}\\
&-2(m_{001}^{(21)})^2m_{110}^{(10)}m_{210}^{(20)} - 2(m_{001}^{(21)})^2m_{110}^{(10)}m_{201}^{(10)} + (m_{001}^{(21)})^2m_{110}^{(11)}m_{201}^{(00)}\\
&-2(m_{001}^{(21)})^2m_{110}^{(20)}m_{210}^{(10)} + 2(m_{001}^{(21)})^2m_{110}^{(21)}m_{210}^{(00)} + (m_{001}^{(21)})^2m_{101}^{(00)}m_{210}^{(11)}\\
&-2(m_{001}^{(21)})^2m_{101}^{(10)}m_{210}^{(10)} + (m_{001}^{(21)})^2m_{101}^{(11)}m_{210}^{(00)} - (m_{001}^{(21)})^2m_{020}^{(00)}m_{300}^{(21)}\\
&+(m_{001}^{(21)})^2m_{020}^{(10)}m_{300}^{(20)} + (m_{001}^{(21)})^2m_{020}^{(20)}m_{300}^{(10)} - (m_{001}^{(21)})^2m_{020}^{(21)}m_{300}^{(00)}\\
&-(m_{001}^{(21)})^2m_{011}^{(00)}m_{300}^{(11)} + 2(m_{001}^{(21)})^2m_{011}^{(10)}m_{300}^{(10)} - (m_{001}^{(21)})^2m_{011}^{(11)}m_{300}^{(00)}\\
&+m_{001}^{(21)}m_{001}^{(22)}m_{200}^{(00)}m_{120}^{(11)} - 2m_{001}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(10)} + m_{001}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(00)}\\
&-2m_{001}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{210}^{(11)} + 4m_{001}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(10)} - 2m_{001}^{(21)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(00)}\\
&+m_{001}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{300}^{(11)} - 2m_{001}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(10)} + m_{001}^{(21)}m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccccc}
V1 & 1 & V1 & 1 & 1 \\
V2 & 2 & V2 & 2 & V4 \\
V3 & V3 & 3 & V4 & 4
\end{array}
$$



$$
\begin{aligned}
T_{99} \;=\;& m_{100}^{(00)}m_{100}^{(10)}m_{020}^{(11)}m_{003}^{(22)} - 2m_{100}^{(00)}m_{100}^{(10)}m_{020}^{(21)}m_{012}^{(22)} + m_{100}^{(00)}m_{100}^{(10)}m_{020}^{(22)}m_{021}^{(22)}\\
&-m_{100}^{(00)}m_{100}^{(10)}m_{011}^{(11)}m_{012}^{(22)} - m_{100}^{(00)}m_{100}^{(10)}m_{011}^{(11)}m_{003}^{(21)} + 2m_{100}^{(00)}m_{100}^{(10)}m_{011}^{(21)}m_{021}^{(22)}\\
&+2m_{100}^{(00)}m_{100}^{(10)}m_{011}^{(21)}m_{012}^{(21)} - m_{100}^{(00)}m_{100}^{(10)}m_{011}^{(22)}m_{030}^{(22)} - m_{100}^{(00)}m_{100}^{(10)}m_{011}^{(22)}m_{021}^{(21)}\\
&+m_{100}^{(00)}m_{100}^{(10)}m_{002}^{(11)}m_{012}^{(21)} - 2m_{100}^{(00)}m_{100}^{(10)}m_{002}^{(21)}m_{021}^{(21)} + m_{100}^{(00)}m_{100}^{(10)}m_{002}^{(22)}m_{030}^{(21)}
\end{aligned}
$$

$$
\begin{aligned}
&-m_{100}^{(00)}m_{100}^{(11)}m_{020}^{(10)}m_{003}^{(22)}+m_{100}^{(00)}m_{100}^{(11)}m_{020}^{(20)}m_{012}^{(22)}+m_{100}^{(00)}m_{100}^{(11)}m_{020}^{(21)}m_{102}^{(22)}\\
&-m_{100}^{(00)}m_{100}^{(11)}m_{020}^{(22)}m_{111}^{(22)}+m_{100}^{(00)}m_{100}^{(11)}m_{011}^{(10)}m_{012}^{(22)}+m_{100}^{(00)}m_{100}^{(11)}m_{011}^{(10)}m_{003}^{(21)}\\
&-m_{100}^{(00)}m_{100}^{(11)}m_{011}^{(20)}m_{021}^{(22)}-m_{100}^{(00)}m_{100}^{(11)}m_{011}^{(20)}m_{012}^{(21)}-m_{100}^{(00)}m_{100}^{(11)}m_{011}^{(21)}m_{111}^{(22)}\\
&-m_{100}^{(00)}m_{100}^{(11)}m_{011}^{(21)}m_{102}^{(21)}+m_{100}^{(00)}m_{100}^{(11)}m_{011}^{(22)}m_{120}^{(22)}+m_{100}^{(00)}m_{100}^{(11)}m_{011}^{(21)}m_{111}^{(21)}\\
&-m_{100}^{(00)}m_{100}^{(11)}m_{002}^{(10)}m_{012}^{(21)}+m_{100}^{(00)}m_{100}^{(11)}m_{002}^{(20)}m_{021}^{(21)}+m_{100}^{(00)}m_{100}^{(11)}m_{002}^{(21)}m_{111}^{(21)}\\
&-m_{100}^{(00)}m_{100}^{(11)}m_{002}^{(22)}m_{120}^{(21)}-m_{100}^{(00)}m_{100}^{(20)}m_{020}^{(11)}m_{003}^{(21)}+2m_{100}^{(00)}m_{100}^{(20)}m_{020}^{(21)}m_{012}^{(21)}\\
&-m_{100}^{(00)}m_{100}^{(20)}m_{020}^{(22)}m_{021}^{(21)}+m_{100}^{(00)}m_{100}^{(20)}m_{011}^{(11)}m_{012}^{(21)}+m_{100}^{(00)}m_{100}^{(20)}m_{011}^{(11)}m_{003}^{(11)}\\
&-2m_{100}^{(00)}m_{100}^{(20)}m_{011}^{(21)}m_{021}^{(21)}-2m_{100}^{(00)}m_{100}^{(20)}m_{011}^{(21)}m_{012}^{(11)}+m_{100}^{(00)}m_{100}^{(20)}m_{011}^{(22)}m_{030}^{(21)}\\
&+m_{100}^{(00)}m_{100}^{(20)}m_{011}^{(22)}m_{021}^{(11)}-m_{100}^{(00)}m_{100}^{(20)}m_{002}^{(11)}m_{012}^{(11)}+2m_{100}^{(00)}m_{100}^{(20)}m_{002}^{(21)}m_{021}^{(11)}\\
&-m_{100}^{(00)}m_{100}^{(20)}m_{002}^{(22)}m_{030}^{(11)}+m_{100}^{(00)}m_{100}^{(21)}m_{020}^{(10)}m_{012}^{(22)}+m_{100}^{(00)}m_{100}^{(21)}m_{020}^{(10)}m_{003}^{(21)}\\
&-m_{100}^{(00)}m_{100}^{(21)}m_{020}^{(11)}m_{102}^{(22)}-m_{100}^{(00)}m_{100}^{(21)}m_{020}^{(20)}m_{021}^{(22)}-m_{100}^{(00)}m_{100}^{(21)}m_{020}^{(20)}m_{012}^{(21)}\\
&+m_{100}^{(00)}m_{100}^{(21)}m_{020}^{(21)}m_{111}^{(22)}-m_{100}^{(00)}m_{100}^{(21)}m_{020}^{(21)}m_{102}^{(21)}+m_{100}^{(00)}m_{100}^{(21)}m_{020}^{(22)}m_{111}^{(21)}\\
&-m_{100}^{(00)}m_{100}^{(21)}m_{011}^{(10)}m_{021}^{(22)}-2m_{100}^{(00)}m_{100}^{(21)}m_{011}^{(10)}m_{012}^{(21)}-m_{100}^{(00)}m_{100}^{(21)}m_{011}^{(10)}m_{003}^{(11)}\\
&+m_{100}^{(00)}m_{100}^{(21)}m_{011}^{(11)}m_{111}^{(22)}+m_{100}^{(00)}m_{100}^{(21)}m_{011}^{(11)}m_{102}^{(21)}+m_{100}^{(00)}m_{100}^{(21)}m_{011}^{(20)}m_{030}^{(22)}\\
&+2m_{100}^{(00)}m_{100}^{(21)}m_{011}^{(20)}m_{021}^{(21)}+m_{100}^{(00)}m_{100}^{(21)}m_{011}^{(20)}m_{012}^{(11)}-m_{100}^{(00)}m_{100}^{(21)}m_{011}^{(21)}m_{120}^{(22)}\\
&+m_{100}^{(00)}m_{100}^{(21)}m_{011}^{(21)}m_{102}^{(11)}-m_{100}^{(00)}m_{100}^{(21)}m_{011}^{(22)}m_{120}^{(21)}-m_{100}^{(00)}m_{100}^{(21)}m_{011}^{(22)}m_{111}^{(11)}\\
&+m_{100}^{(00)}m_{100}^{(21)}m_{002}^{(10)}m_{021}^{(21)}+m_{100}^{(00)}m_{100}^{(21)}m_{002}^{(10)}m_{012}^{(11)}-m_{100}^{(00)}m_{100}^{(21)}m_{002}^{(11)}m_{111}^{(21)}\\
&-m_{100}^{(00)}m_{100}^{(21)}m_{002}^{(20)}m_{030}^{(21)}-m_{100}^{(00)}m_{100}^{(21)}m_{002}^{(20)}m_{021}^{(11)}+m_{100}^{(00)}m_{100}^{(21)}m_{002}^{(21)}m_{120}^{(21)}\\
&-m_{100}^{(00)}m_{100}^{(21)}m_{002}^{(21)}m_{111}^{(11)}+m_{100}^{(00)}m_{100}^{(21)}m_{002}^{(22)}m_{120}^{(11)}-m_{100}^{(00)}m_{100}^{(22)}m_{020}^{(10)}m_{012}^{(21)}\\
&+m_{100}^{(00)}m_{100}^{(22)}m_{020}^{(11)}m_{102}^{(21)}+m_{100}^{(00)}m_{100}^{(22)}m_{020}^{(20)}m_{021}^{(21)}-m_{100}^{(00)}m_{100}^{(22)}m_{020}^{(21)}m_{111}^{(21)}\\
&+m_{100}^{(00)}m_{100}^{(22)}m_{011}^{(10)}m_{021}^{(21)}+m_{100}^{(00)}m_{100}^{(22)}m_{011}^{(10)}m_{012}^{(11)}-m_{100}^{(00)}m_{100}^{(22)}m_{011}^{(11)}m_{111}^{(21)}\\
&-m_{100}^{(00)}m_{100}^{(22)}m_{011}^{(11)}m_{102}^{(11)}-m_{100}^{(00)}m_{100}^{(22)}m_{011}^{(20)}m_{030}^{(21)}-m_{100}^{(00)}m_{100}^{(22)}m_{011}^{(20)}m_{021}^{(11)}\\
&+m_{100}^{(00)}m_{100}^{(22)}m_{011}^{(21)}m_{120}^{(21)}+m_{100}^{(00)}m_{100}^{(22)}m_{011}^{(21)}m_{111}^{(11)}-m_{100}^{(00)}m_{100}^{(22)}m_{002}^{(10)}m_{021}^{(11)}\\
&+m_{100}^{(00)}m_{100}^{(22)}m_{002}^{(11)}m_{111}^{(11)}+m_{100}^{(00)}m_{100}^{(22)}m_{002}^{(20)}m_{030}^{(11)}-m_{100}^{(00)}m_{100}^{(22)}m_{002}^{(21)}m_{120}^{(11)}\\
&-m_{100}^{(00)}m_{010}^{(00)}m_{020}^{(11)}m_{003}^{(22)}+2m_{100}^{(00)}m_{010}^{(00)}m_{020}^{(21)}m_{012}^{(22)}-m_{100}^{(00)}m_{010}^{(00)}m_{020}^{(22)}m_{021}^{(22)}\\
&+m_{100}^{(00)}m_{010}^{(00)}m_{011}^{(11)}m_{012}^{(22)}+m_{100}^{(00)}m_{010}^{(00)}m_{011}^{(11)}m_{003}^{(21)}-2m_{100}^{(00)}m_{010}^{(00)}m_{011}^{(21)}m_{012}^{(22)}\\
&-2m_{100}^{(00)}m_{010}^{(00)}m_{011}^{(21)}m_{012}^{(21)}+m_{100}^{(00)}m_{010}^{(00)}m_{011}^{(22)}m_{030}^{(22)}+m_{100}^{(00)}m_{010}^{(00)}m_{011}^{(22)}m_{021}^{(21)}\\
&-m_{100}^{(00)}m_{010}^{(00)}m_{002}^{(11)}m_{012}^{(21)}+2m_{100}^{(00)}m_{010}^{(00)}m_{002}^{(21)}m_{021}^{(21)}-m_{100}^{(00)}m_{010}^{(00)}m_{002}^{(22)}m_{030}^{(21)}\\
&+m_{100}^{(00)}m_{010}^{(10)}m_{020}^{(10)}m_{003}^{(22)}-m_{100}^{(00)}m_{010}^{(10)}m_{020}^{(20)}m_{012}^{(22)}-m_{100}^{(00)}m_{010}^{(10)}m_{020}^{(21)}m_{102}^{(22)}\\
&+m_{100}^{(00)}m_{010}^{(10)}m_{020}^{(22)}m_{111}^{(22)}-m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(10)}m_{012}^{(22)}-m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(10)}m_{003}^{(21)}\\
&+m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(20)}m_{021}^{(22)}+m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(20)}m_{012}^{(21)}+m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{111}^{(22)}\\
&+m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{102}^{(21)}-m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(22)}m_{120}^{(22)}-m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(22)}m_{111}^{(21)}\\
&+m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(10)}m_{012}^{(21)}-m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(20)}m_{021}^{(21)}-m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(21)}m_{111}^{(21)}\\
&+m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(22)}m_{120}^{(21)}-m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(10)}m_{012}^{(22)}+m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(11)}m_{102}^{(22)}\\
&+m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(11)}m_{003}^{(20)}+m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(20)}m_{021}^{(22)}-m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(21)}m_{111}^{(22)}\\
&-2m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(21)}m_{012}^{(20)}+m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(22)}m_{021}^{(20)}+m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(10)}m_{021}^{(22)}\\
&+m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(10)}m_{012}^{(21)}-m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(11)}m_{111}^{(22)}-m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(11)}m_{102}^{(21)}\\
&-m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(11)}m_{012}^{(20)}-m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(11)}m_{003}^{(10)}-m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(20)}m_{030}^{(22)}
\end{aligned}
$$

$$
\begin{aligned}
&-m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(20)}m_{021}^{(21)}+m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{120}^{(22)}+m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(21)}\\
&+2m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{021}^{(20)}+2m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{012}^{(10)}-m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(22)}m_{030}^{(20)}\\
&-m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(22)}m_{021}^{(10)}-m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(10)}m_{021}^{(21)}+m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(11)}m_{111}^{(21)}\\
&+m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(11)}m_{012}^{(10)}+m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(20)}m_{030}^{(21)}-m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{120}^{(21)}\\
&-2m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{021}^{(10)}+m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(22)}m_{030}^{(10)}-m_{100}^{(00)}m_{010}^{(21)}m_{020}^{(10)}m_{003}^{(20)}\\
&+m_{100}^{(00)}m_{010}^{(21)}m_{020}^{(20)}m_{012}^{(20)}+m_{100}^{(00)}m_{010}^{(21)}m_{020}^{(21)}m_{102}^{(20)}-m_{100}^{(00)}m_{010}^{(21)}m_{020}^{(22)}m_{111}^{(20)}\\
&+m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(10)}m_{012}^{(20)}+m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(10)}m_{003}^{(10)}-m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{021}^{(20)}\\
&-m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{012}^{(10)}-m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{111}^{(20)}-m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{102}^{(10)}\\
&+m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{120}^{(20)}+m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{111}^{(10)}-m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(10)}m_{012}^{(10)}\\
&+m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(20)}m_{021}^{(10)}+m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(21)}m_{111}^{(10)}-m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(22)}m_{120}^{(10)}\\
&+m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(10)}m_{012}^{(20)}-m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(11)}m_{102}^{(20)}-m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(20)}m_{021}^{(20)}\\
&+m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(21)}m_{111}^{(20)}-m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(10)}m_{021}^{(20)}-m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(10)}m_{012}^{(10)}\\
&+m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(11)}m_{111}^{(20)}+m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(11)}m_{102}^{(10)}+m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(20)}m_{030}^{(20)}\\
&+m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(20)}m_{021}^{(10)}-m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{120}^{(20)}-m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{111}^{(10)}\\
&+m_{100}^{(00)}m_{010}^{(22)}m_{002}^{(10)}m_{021}^{(10)}-m_{100}^{(00)}m_{010}^{(22)}m_{002}^{(11)}m_{111}^{(10)}-m_{100}^{(00)}m_{010}^{(22)}m_{002}^{(20)}m_{030}^{(10)}\\
&+m_{100}^{(00)}m_{010}^{(22)}m_{002}^{(21)}m_{120}^{(10)}+m_{100}^{(00)}m_{001}^{(00)}m_{020}^{(11)}m_{003}^{(21)}-2m_{100}^{(00)}m_{001}^{(00)}m_{020}^{(21)}m_{012}^{(21)}\\
&+m_{100}^{(00)}m_{001}^{(00)}m_{020}^{(22)}m_{021}^{(21)}-m_{100}^{(00)}m_{001}^{(00)}m_{011}^{(11)}m_{012}^{(21)}-m_{100}^{(00)}m_{001}^{(00)}m_{011}^{(11)}m_{003}^{(11)}\\
&+2m_{100}^{(00)}m_{001}^{(00)}m_{011}^{(21)}m_{021}^{(21)}+2m_{100}^{(00)}m_{001}^{(00)}m_{011}^{(21)}m_{012}^{(11)}-m_{100}^{(00)}m_{001}^{(00)}m_{011}^{(22)}m_{030}^{(21)}\\
&-m_{100}^{(00)}m_{001}^{(00)}m_{011}^{(22)}m_{021}^{(11)}+m_{100}^{(00)}m_{001}^{(00)}m_{002}^{(11)}m_{012}^{(11)}-2m_{100}^{(00)}m_{001}^{(00)}m_{002}^{(21)}m_{021}^{(11)}\\
&+m_{100}^{(00)}m_{001}^{(00)}m_{002}^{(22)}m_{030}^{(11)}-m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(10)}m_{003}^{(21)}-m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(11)}m_{003}^{(20)}\\
&+m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{012}^{(21)}+m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{102}^{(21)}+2m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{012}^{(20)}\\
&-m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{111}^{(21)}-m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{021}^{(20)}+m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{012}^{(21)}\\
&+m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{003}^{(11)}+m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{012}^{(11)}+m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{003}^{(10)}\\
&-m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{021}^{(21)}-m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{012}^{(11)}-m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(21)}\\
&-m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{102}^{(11)}-2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{021}^{(20)}-2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{012}^{(10)}\\
&+m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{120}^{(21)}+m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{111}^{(11)}+m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{030}^{(20)}\\
&+m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{021}^{(10)}-m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{012}^{(11)}-m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{012}^{(10)}\\
&+m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(20)}m_{021}^{(11)}+m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{111}^{(11)}+2m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{021}^{(10)}\\
&-m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(22)}m_{120}^{(11)}-m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(22)}m_{030}^{(10)}+m_{100}^{(00)}m_{001}^{(11)}m_{020}^{(10)}m_{003}^{(20)}\\
&-m_{100}^{(00)}m_{001}^{(11)}m_{020}^{(20)}m_{012}^{(20)}-m_{100}^{(00)}m_{001}^{(11)}m_{020}^{(21)}m_{102}^{(20)}+m_{100}^{(00)}m_{001}^{(11)}m_{020}^{(22)}m_{111}^{(20)}\\
&-m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(10)}m_{012}^{(20)}-m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(10)}m_{003}^{(10)}+m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{021}^{(20)}\\
&+m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{012}^{(10)}+m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{111}^{(20)}+m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{102}^{(10)}\\
&-m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(22)}m_{120}^{(20)}-m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(22)}m_{111}^{(10)}+m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(10)}m_{012}^{(10)}\\
&-m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(20)}m_{021}^{(10)}-m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{111}^{(10)}+m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(22)}m_{120}^{(10)}\\
&+m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{012}^{(21)}-m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{102}^{(21)}-m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{021}^{(21)}\\
&+m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(21)}-m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{021}^{(21)}-m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{012}^{(11)}\\
&+m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{111}^{(21)}+m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{102}^{(11)}+m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{030}^{(21)}\\
&+m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{021}^{(11)}-m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(21)}-m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{111}^{(11)}
\end{aligned}
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\begin{aligned}
&+m_{100}^{(00)}m_{001}^{(20)}m_{002}^{(10)}m_{021}^{(11)} - m_{100}^{(00)}m_{001}^{(20)}m_{002}^{(11)}m_{111}^{(11)} - m_{100}^{(00)}m_{001}^{(20)}m_{002}^{(20)}m_{030}^{(11)}\\
&+m_{100}^{(00)}m_{001}^{(20)}m_{002}^{(21)}m_{120}^{(11)} - m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{012}^{(20)} + m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(11)}m_{102}^{(20)}\\
&+m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{021}^{(20)} - m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{111}^{(20)} + m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{021}^{(20)}\\
&+m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{012}^{(10)} - m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{111}^{(20)} - m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{102}^{(10)}\\
&-m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{030}^{(20)} - m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{021}^{(10)} + m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{120}^{(20)}\\
&+m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{111}^{(10)} - m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(10)}m_{021}^{(10)} + m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(11)}m_{111}^{(10)}\\
&+m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(20)}m_{030}^{(10)} - m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(21)}m_{120}^{(10)} - (m_{100}^{(10)})^2m_{110}^{(11)}m_{003}^{(22)}\\
&+2(m_{100}^{(10)})^2m_{110}^{(21)}m_{012}^{(22)} - (m_{100}^{(10)})^2m_{110}^{(22)}m_{012}^{(21)} + (m_{100}^{(10)})^2m_{101}^{(11)}m_{003}^{(21)}\\
&-2(m_{100}^{(10)})^2m_{101}^{(21)}m_{012}^{(21)} + (m_{100}^{(10)})^2m_{101}^{(22)}m_{021}^{(21)} - (m_{100}^{(10)})^2m_{020}^{(10)}m_{003}^{(22)}\\
&+(m_{100}^{(10)})^2m_{020}^{(20)}m_{012}^{(22)} + (m_{100}^{(10)})^2m_{020}^{(21)}m_{102}^{(22)} - (m_{100}^{(10)})^2m_{020}^{(22)}m_{111}^{(22)}\\
&+(m_{100}^{(10)})^2m_{011}^{(10)}m_{012}^{(22)} + (m_{100}^{(10)})^2m_{011}^{(10)}m_{003}^{(21)} + (m_{100}^{(10)})^2m_{011}^{(11)}m_{102}^{(22)}\\
&-(m_{100}^{(10)})^2m_{011}^{(20)}m_{021}^{(22)} - (m_{100}^{(10)})^2m_{011}^{(20)}m_{012}^{(21)} - 3(m_{100}^{(10)})^2m_{011}^{(21)}m_{111}^{(22)}\\
&-(m_{100}^{(10)})^2m_{011}^{(21)}m_{102}^{(21)} + 2(m_{100}^{(10)})^2m_{011}^{(22)}m_{120}^{(22)} + (m_{100}^{(10)})^2m_{011}^{(22)}m_{111}^{(21)}\\
&-(m_{100}^{(10)})^2m_{002}^{(10)}m_{012}^{(21)} - (m_{100}^{(10)})^2m_{002}^{(11)}m_{102}^{(21)} + (m_{100}^{(10)})^2m_{002}^{(20)}m_{021}^{(21)}\\
&+3(m_{100}^{(10)})^2m_{002}^{(21)}m_{111}^{(21)} - 2(m_{100}^{(10)})^2m_{002}^{(22)}m_{120}^{(21)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(10)}m_{003}^{(22)}\\
&-2m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(20)}m_{012}^{(22)} - 2m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(21)}m_{102}^{(22)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(22)}m_{111}^{(22)}\\
&-2m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(10)}m_{003}^{(21)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(20)}m_{012}^{(21)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(21)}m_{102}^{(21)}\\
&-2m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(22)}m_{111}^{(21)} + m_{100}^{(10)}m_{100}^{(11)}m_{020}^{(00)}m_{003}^{(22)} - 2m_{100}^{(10)}m_{100}^{(11)}m_{020}^{(20)}m_{102}^{(22)}\\
&+m_{100}^{(10)}m_{100}^{(11)}m_{020}^{(22)}m_{201}^{(22)} - m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(00)}m_{012}^{(22)} - m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(00)}m_{003}^{(21)}\\
&-2m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(10)}m_{102}^{(22)} + 4m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(20)}m_{111}^{(22)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(20)}m_{102}^{(21)}\\
&+2m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(21)}m_{201}^{(22)} - 3m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(22)}m_{210}^{(22)} - m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(22)}m_{201}^{(21)}\\
&+m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(00)}m_{012}^{(21)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(10)}m_{102}^{(21)} - 4m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(20)}m_{111}^{(21)}\\
&-2m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(21)}m_{201}^{(21)} + 3m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(22)}m_{210}^{(21)} + m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(11)}m_{012}^{(22)}\\
&+m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(11)}m_{003}^{(21)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{021}^{(22)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{012}^{(21)}\\
&+m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(22)}m_{030}^{(22)} + m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(22)}m_{021}^{(21)} - m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(11)}m_{012}^{(21)}\\
&-m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(11)}m_{003}^{(11)} + 2m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{021}^{(21)} + 2m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{012}^{(11)}\\
&-m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(22)}m_{030}^{(21)} - m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(22)}m_{021}^{(11)} + m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(10)}m_{012}^{(22)}\\
&+m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(10)}m_{003}^{(21)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(11)}m_{102}^{(22)} - m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(20)}m_{021}^{(22)}\\
&-m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(20)}m_{012}^{(21)} + 3m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(21)}m_{111}^{(22)} - m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(21)}m_{102}^{(21)}\\
&-m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(22)}m_{120}^{(22)} + m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(22)}m_{111}^{(21)} - m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(10)}m_{021}^{(22)}\\
&-2m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(10)}m_{012}^{(21)} - m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(10)}m_{003}^{(11)} + m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(11)}m_{111}^{(22)}\\
&+m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(11)}m_{102}^{(21)} + m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(20)}m_{030}^{(22)} + 2m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(20)}m_{021}^{(21)}\\
&+m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(20)}m_{012}^{(11)} - m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{120}^{(22)} + m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{102}^{(11)}\\
&-m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(22)}m_{120}^{(21)} - m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(22)}m_{111}^{(11)} + m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(10)}m_{021}^{(21)}\\
&+m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(10)}m_{012}^{(11)} - m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(11)}m_{111}^{(21)} + m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(11)}m_{102}^{(11)}\\
&-m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(20)}m_{030}^{(21)} - m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(20)}m_{021}^{(11)} + m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(21)}m_{120}^{(21)}\\
&-3m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(21)}m_{111}^{(11)} + 2m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(22)}m_{120}^{(11)} - 3m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(10)}m_{012}^{(22)}\\
&-m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(10)}m_{003}^{(21)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(11)}m_{102}^{(22)} + 3m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(20)}m_{021}^{(22)}
\end{aligned}
$$

$$+m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(20)}m_{012}^{(21)} - m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{111}^{(22)} + m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{102}^{(21)}$$
$$-m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(22)}m_{120}^{(22)} - m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(22)}m_{111}^{(21)} + 3m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(10)}m_{012}^{(21)}$$
$$+m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(10)}m_{003}^{(11)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(11)}m_{102}^{(21)} - 3m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(20)}m_{021}^{(21)}$$
$$-m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(20)}m_{012}^{(11)} + m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{111}^{(21)} - m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{102}^{(11)}$$
$$+m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(22)}m_{120}^{(21)} + m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(22)}m_{111}^{(11)} - m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(00)}m_{012}^{(22)}$$
$$-m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(00)}m_{003}^{(21)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(10)}m_{102}^{(22)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(20)}m_{102}^{(21)}$$
$$-2m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(21)}m_{201}^{(22)} + m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(22)}m_{210}^{(22)} - m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(22)}m_{201}^{(21)}$$
$$+m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(00)}m_{021}^{(22)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(00)}m_{012}^{(21)} + m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(00)}m_{003}^{(11)}$$
$$+m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{111}^{(22)} - m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{102}^{(21)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(11)}m_{201}^{(22)}$$
$$-3m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{120}^{(22)} - 3m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{111}^{(21)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{102}^{(11)}$$
$$+3m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{210}^{(22)} + m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{201}^{(21)} + m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(22)}m_{210}^{(21)}$$
$$+m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(22)}m_{201}^{(11)} - m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(00)}m_{021}^{(21)} - m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(00)}m_{012}^{(11)}$$
$$-m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{111}^{(21)} - m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{102}^{(11)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(11)}m_{201}^{(21)}$$
$$+3m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(20)}m_{120}^{(21)} + 3m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(20)}m_{111}^{(11)} - 3m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(21)}m_{210}^{(21)}$$
$$+m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(21)}m_{201}^{(11)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(22)}m_{210}^{(11)} + m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(10)}m_{021}^{(22)}$$
$$+m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(10)}m_{012}^{(21)} - m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(11)}m_{111}^{(22)} - m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(11)}m_{102}^{(21)}$$
$$-m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(20)}m_{030}^{(22)} - m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(20)}m_{021}^{(21)} + m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{120}^{(22)}$$
$$+m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{111}^{(21)} - m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(10)}m_{021}^{(21)} - m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(10)}m_{012}^{(11)}$$
$$+m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(11)}m_{111}^{(21)} + m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(11)}m_{102}^{(11)} + m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(20)}m_{030}^{(21)}$$
$$+m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(20)}m_{021}^{(11)} - m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(21)}m_{120}^{(21)} - m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(21)}m_{111}^{(11)}$$
$$+m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(00)}m_{012}^{(21)} - m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(10)}m_{111}^{(22)} - m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(10)}m_{102}^{(21)}$$
$$+m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(11)}m_{201}^{(22)} + m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(20)}m_{120}^{(22)} - m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(20)}m_{111}^{(21)}$$
$$-m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(21)}m_{210}^{(22)} + m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(21)}m_{201}^{(21)} - m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(00)}m_{021}^{(21)}$$
$$-m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(00)}m_{012}^{(11)} + m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(10)}m_{111}^{(21)} + m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(10)}m_{102}^{(11)}$$
$$+m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(20)}m_{120}^{(21)} + m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(20)}m_{111}^{(11)} - m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(21)}m_{210}^{(21)}$$
$$-m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(21)}m_{201}^{(11)} + m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(00)}m_{021}^{(11)} - m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(11)}m_{201}^{(11)}$$
$$-2m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(20)}m_{120}^{(11)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(21)}m_{210}^{(11)} + m_{100}^{(10)}m_{010}^{(00)}m_{101}^{(11)}m_{012}^{(22)}$$
$$-m_{100}^{(10)}m_{010}^{(00)}m_{101}^{(11)}m_{003}^{(21)} - 2m_{100}^{(10)}m_{010}^{(00)}m_{101}^{(21)}m_{021}^{(22)} + 2m_{100}^{(10)}m_{010}^{(00)}m_{101}^{(21)}m_{012}^{(21)}$$
$$+m_{100}^{(10)}m_{010}^{(00)}m_{101}^{(22)}m_{030}^{(22)} - m_{100}^{(10)}m_{010}^{(00)}m_{101}^{(22)}m_{021}^{(21)} + m_{100}^{(10)}m_{010}^{(00)}m_{020}^{(10)}m_{003}^{(22)}$$
$$-m_{100}^{(10)}m_{010}^{(00)}m_{020}^{(20)}m_{012}^{(22)} - m_{100}^{(10)}m_{010}^{(00)}m_{020}^{(21)}m_{102}^{(22)} + m_{100}^{(10)}m_{010}^{(00)}m_{020}^{(22)}m_{111}^{(22)}$$
$$-m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(10)}m_{012}^{(22)} - m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(10)}m_{003}^{(21)} - m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(11)}m_{102}^{(22)}$$
$$+m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(11)}m_{003}^{(20)} + m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(20)}m_{021}^{(22)} + m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(20)}m_{012}^{(21)}$$
$$+3m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{111}^{(22)} + m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{102}^{(21)} - 2m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{012}^{(20)}$$
$$-2m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(22)}m_{120}^{(22)} - m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(22)}m_{111}^{(21)} + m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(22)}m_{021}^{(20)}$$
$$+m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(10)}m_{012}^{(21)} + m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(11)}m_{102}^{(21)} - m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(11)}m_{012}^{(20)}$$
$$-m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(20)}m_{021}^{(21)} - 3m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(21)}m_{111}^{(21)} + 2m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(21)}m_{021}^{(20)}$$
$$+2m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(22)}m_{120}^{(21)} - m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(22)}m_{030}^{(20)} + m_{100}^{(10)}m_{010}^{(10)}m_{200}^{(11)}m_{003}^{(22)}$$
$$-2m_{100}^{(10)}m_{010}^{(10)}m_{200}^{(21)}m_{012}^{(22)} + m_{100}^{(10)}m_{010}^{(10)}m_{200}^{(22)}m_{021}^{(22)} - m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(10)}m_{012}^{(22)}$$

$$+m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(10)}m_{003}^{(21)} - m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(11)}m_{102}^{(22)} - m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(11)}m_{003}^{(20)}$$
$$+m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(20)}m_{021}^{(22)} - m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(20)}m_{012}^{(21)} + 3m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(22)}$$
$$-m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(21)}m_{102}^{(21)} + 2m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(21)}m_{012}^{(20)} - 2m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{120}^{(22)}$$
$$+m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{111}^{(21)} - m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{021}^{(20)} - m_{100}^{(10)}m_{010}^{(10)}m_{020}^{(00)}m_{003}^{(22)}$$
$$+2m_{100}^{(10)}m_{010}^{(10)}m_{020}^{(20)}m_{102}^{(22)} - m_{100}^{(10)}m_{010}^{(10)}m_{020}^{(22)}m_{201}^{(22)} + m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(00)}m_{012}^{(22)}$$
$$+m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(00)}m_{003}^{(21)} + m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(10)}m_{102}^{(22)} - m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(10)}m_{003}^{(20)}$$
$$-3m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(20)}m_{111}^{(22)} - 2m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(20)}m_{102}^{(21)} + m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(20)}m_{012}^{(20)}$$
$$-m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(21)}m_{201}^{(22)} + m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(21)}m_{102}^{(20)} + 2m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(22)}m_{210}^{(22)}$$
$$+m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(22)}m_{201}^{(21)} - m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(22)}m_{111}^{(20)} - m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(00)}m_{012}^{(21)}$$
$$-m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(10)}m_{102}^{(21)} + m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(10)}m_{012}^{(20)} + m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(11)}m_{102}^{(20)}$$
$$+3m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(20)}m_{111}^{(21)} - m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(20)}m_{021}^{(20)} + m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(21)}m_{201}^{(21)}$$
$$-3m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(21)}m_{111}^{(20)} - 2m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(22)}m_{210}^{(21)} + 2m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(22)}m_{120}^{(20)}$$
$$-m_{100}^{(10)}m_{010}^{(11)}m_{200}^{(10)}m_{003}^{(22)} + m_{100}^{(10)}m_{010}^{(11)}m_{200}^{(20)}m_{012}^{(22)} + m_{100}^{(10)}m_{010}^{(11)}m_{200}^{(21)}m_{102}^{(22)}$$
$$-m_{100}^{(10)}m_{010}^{(11)}m_{200}^{(22)}m_{111}^{(22)} + m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(10)}m_{102}^{(22)} + m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(10)}m_{003}^{(20)}$$
$$-m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{111}^{(22)} - m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{012}^{(20)} - m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(21)}m_{201}^{(22)}$$
$$-m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(21)}m_{102}^{(20)} + m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(22)}m_{210}^{(22)} + m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(22)}m_{111}^{(20)}$$
$$-m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(10)}m_{102}^{(20)} + m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(20)}m_{111}^{(20)} + m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(21)}m_{201}^{(20)}$$
$$-m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(22)}m_{210}^{(20)} - m_{100}^{(10)}m_{010}^{(20)}m_{200}^{(11)}m_{012}^{(22)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{021}^{(22)}$$
$$-m_{100}^{(10)}m_{010}^{(20)}m_{200}^{(22)}m_{030}^{(22)} + m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(11)}m_{102}^{(22)} - m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(11)}m_{003}^{(20)}$$
$$-2m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{111}^{(22)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{012}^{(20)} + m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{120}^{(22)}$$
$$-m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{021}^{(20)} + m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{021}^{(22)} - m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{012}^{(21)}$$
$$-m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(11)}m_{111}^{(22)} + m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(11)}m_{102}^{(21)} + m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(11)}m_{012}^{(20)}$$
$$+m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(11)}m_{003}^{(10)} - m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(20)}m_{030}^{(22)} + m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(20)}m_{021}^{(21)}$$
$$+m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{120}^{(22)} - m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(21)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{021}^{(20)}$$
$$-2m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{012}^{(10)} + m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{030}^{(20)} + m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{021}^{(10)}$$
$$+m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(00)}m_{012}^{(22)} - m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(10)}m_{102}^{(22)} - m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(10)}m_{003}^{(20)}$$
$$-m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(20)}m_{111}^{(22)} + m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(20)}m_{012}^{(20)} + m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(21)}m_{201}^{(22)}$$
$$+m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(21)}m_{102}^{(20)} - m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(22)}m_{111}^{(20)} - m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(00)}m_{011}^{(22)}$$
$$-m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(00)}m_{012}^{(21)} + m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{102}^{(21)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{012}^{(20)}$$
$$+m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{003}^{(10)} + m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(11)}m_{201}^{(22)} - m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(11)}m_{102}^{(20)}$$
$$+2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{120}^{(22)} + m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(21)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{021}^{(20)}$$
$$-m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{012}^{(10)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{210}^{(22)} - m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{201}^{(21)}$$
$$-m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{102}^{(10)} + m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{120}^{(20)} + m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{111}^{(10)}$$
$$+m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(00)}m_{021}^{(21)} - m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{021}^{(20)} - m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{012}^{(10)}$$
$$-m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(11)}m_{201}^{(21)} + m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(11)}m_{111}^{(20)} - m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(11)}m_{102}^{(10)}$$
$$-2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{120}^{(21)} + m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{030}^{(20)} + m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{021}^{(10)}$$
$$+2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{210}^{(21)} - m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{120}^{(20)} + 3m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{111}^{(10)}$$
$$-2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(22)}m_{120}^{(10)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(22)} - m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(11)}m_{102}^{(22)}$$

$$
\begin{aligned}
&-2m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(20)}m_{021}^{(22)}+m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{120}^{(22)}-m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(10)}m_{102}^{(22)}\\
&+m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(10)}m_{003}^{(20)}+m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(22)}-m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{012}^{(20)}\\
&+m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(21)}m_{201}^{(22)}-m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(21)}m_{102}^{(20)}-m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{210}^{(22)}\\
&+m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{111}^{(20)}-m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(22)}-2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{012}^{(20)}\\
&-m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{003}^{(10)}+m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(11)}m_{201}^{(22)}+m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(11)}m_{102}^{(20)}\\
&+m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(22)}+2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{021}^{(20)}+m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{012}^{(10)}\\
&-m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{210}^{(22)}+m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{102}^{(10)}-m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{120}^{(20)}\\
&-m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{111}^{(10)}+m_{100}^{(10)}m_{010}^{(21)}m_{020}^{(00)}m_{003}^{(20)}-2m_{100}^{(10)}m_{010}^{(21)}m_{020}^{(20)}m_{102}^{(20)}\\
&+m_{100}^{(10)}m_{010}^{(21)}m_{020}^{(22)}m_{201}^{(20)}-m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(00)}m_{012}^{(20)}-m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(00)}m_{003}^{(10)}\\
&+2m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{111}^{(20)}+2m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{102}^{(10)}-m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(22)}m_{210}^{(20)}\\
&-m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(22)}m_{201}^{(10)}+m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(00)}m_{012}^{(10)}+m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{111}^{(20)}\\
&+m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{102}^{(10)}-m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(11)}m_{201}^{(20)}-m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{120}^{(20)}\\
&-3m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{111}^{(10)}+m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{210}^{(20)}-m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{201}^{(10)}\\
&+2m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(22)}m_{210}^{(10)}-m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(10)}m_{021}^{(22)}+m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(11)}m_{111}^{(22)}\\
&+m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(20)}m_{030}^{(22)}-m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(21)}m_{120}^{(22)}+m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(22)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{012}^{(20)}-m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(11)}m_{201}^{(22)}+m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(11)}m_{102}^{(20)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{120}^{(22)}+m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{021}^{(20)}+m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{210}^{(22)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(20)}+m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{021}^{(20)}+m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{012}^{(10)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(11)}m_{111}^{(20)}-m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(11)}m_{102}^{(10)}-m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{030}^{(20)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{021}^{(10)}+m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{120}^{(20)}+m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{111}^{(10)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(00)}m_{012}^{(20)}+m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(10)}m_{102}^{(20)}+m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(20)}m_{111}^{(20)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(21)}m_{201}^{(20)}+m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{021}^{(20)}+m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{012}^{(10)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{111}^{(20)}-m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{102}^{(10)}-m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{120}^{(20)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{111}^{(10)}+m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(21)}m_{210}^{(20)}+m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(21)}m_{201}^{(10)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(00)}m_{021}^{(10)}+m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(11)}m_{201}^{(10)}+2m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(20)}m_{120}^{(10)}\\
&-2m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(21)}m_{210}^{(10)}-m_{100}^{(10)}m_{001}^{(00)}m_{101}^{(11)}m_{012}^{(21)}+m_{100}^{(10)}m_{001}^{(00)}m_{101}^{(11)}m_{003}^{(11)}\\
&+2m_{100}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(21)}-2m_{100}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{012}^{(11)}-m_{100}^{(10)}m_{001}^{(00)}m_{101}^{(22)}m_{030}^{(21)}\\
&+m_{100}^{(10)}m_{001}^{(00)}m_{101}^{(22)}m_{021}^{(11)}-m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(10)}m_{003}^{(21)}-m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(11)}m_{003}^{(20)}\\
&+m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(20)}m_{012}^{(21)}+m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(21)}+2m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(21)}m_{012}^{(20)}\\
&-m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(22)}m_{111}^{(21)}-m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(22)}m_{021}^{(20)}+m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(21)}\\
&+m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{003}^{(11)}+m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(11)}m_{102}^{(21)}+m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(11)}m_{012}^{(20)}\\
&-m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(21)}-m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{012}^{(11)}-3m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{102}^{(11)}-2m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{021}^{(20)}+2m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(22)}m_{120}^{(21)}\\
&+m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(22)}m_{111}^{(11)}+m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(22)}m_{030}^{(20)}-m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{012}^{(11)}\\
&-m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(11)}m_{102}^{(11)}+m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(20)}m_{021}^{(11)}+3m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{111}^{(11)}\\
&-2m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(22)}m_{120}^{(11)}-m_{100}^{(10)}m_{001}^{(10)}m_{200}^{(11)}m_{003}^{(21)}+2m_{100}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(10)}m_{200}^{(22)}m_{021}^{(21)}+2m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(11)}m_{003}^{(20)}-4m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(20)}\\
&+2m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{021}^{(20)}+m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{012}^{(21)}-m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{003}^{(11)}
\end{aligned}
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\begin{aligned}
&+m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{102}^{(21)} - m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{003}^{(10)} - m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(21)}\\
&+m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{012}^{(11)} - 3m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(21)} + m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{102}^{(11)}\\
&+2m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{012}^{(10)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{120}^{(21)} - m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{111}^{(11)}\\
&-m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{021}^{(10)} + m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(00)}m_{003}^{(21)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(10)}m_{003}^{(20)}\\
&-2m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(21)} - 2m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{012}^{(20)} - 2m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(21)}m_{102}^{(20)}\\
&+m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(22)}m_{201}^{(21)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(22)}m_{111}^{(20)} - m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{012}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{003}^{(11)} - m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(21)} - 2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{012}^{(20)}\\
&-m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{003}^{(10)} - 2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(11)}m_{102}^{(20)} + 3m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(21)}\\
&+2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{102}^{(11)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{021}^{(20)} + m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{012}^{(10)}\\
&+m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(21)} + 6m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(20)} + m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{102}^{(10)}\\
&-2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{210}^{(21)} - m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{201}^{(11)} - 4m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{120}^{(20)}\\
&-m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{111}^{(10)} + m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(00)}m_{012}^{(11)} + m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{102}^{(11)}\\
&+m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{012}^{(10)} + m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(11)}m_{102}^{(10)} - 3m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{111}^{(11)}\\
&-m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{021}^{(10)} - m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{201}^{(11)} - 3m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{111}^{(10)}\\
&+2m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(22)}m_{210}^{(11)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(22)}m_{120}^{(10)} + m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(10)}m_{003}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(21)} - m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(21)} + m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{111}^{(21)}\\
&-2m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(10)}m_{003}^{(20)} + 2m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{012}^{(20)} + 2m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(21)}m_{102}^{(20)}\\
&-2m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{111}^{(20)} - m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(21)} + m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{003}^{(10)}\\
&+m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(21)} - m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{012}^{(10)} + m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{102}^{(10)} - m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{210}^{(21)} + m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{111}^{(10)}\\
&-m_{100}^{(10)}m_{001}^{(11)}m_{020}^{(00)}m_{003}^{(20)} + 2m_{100}^{(10)}m_{001}^{(11)}m_{020}^{(20)}m_{102}^{(20)} - m_{100}^{(10)}m_{001}^{(11)}m_{020}^{(22)}m_{201}^{(20)}\\
&+m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{012}^{(20)} + m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{003}^{(10)} + 2m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(10)}m_{102}^{(20)}\\
&-4m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(20)} - 2m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{102}^{(10)} - 2m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(21)}m_{201}^{(20)}\\
&+3m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(22)}m_{210}^{(20)} + m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(22)}m_{201}^{(10)} - m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(00)}m_{012}^{(10)}\\
&-m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{102}^{(10)} + 3m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{111}^{(10)} + m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(21)}m_{201}^{(10)}\\
&-2m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(22)}m_{210}^{(10)} + m_{100}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{012}^{(21)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(21)}\\
&+m_{100}^{(10)}m_{001}^{(20)}m_{200}^{(22)}m_{030}^{(21)} - m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{102}^{(21)} - m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{012}^{(20)}\\
&+2m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(21)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(20)} - m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{120}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{030}^{(20)} - m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(21)} + m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{012}^{(11)}\\
&+m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(21)} - m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{102}^{(11)} + m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{021}^{(11)} - m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(21)} + m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{111}^{(11)}\\
&-m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{012}^{(21)} + m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(21)} - m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{012}^{(20)}\\
&+2m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(11)}m_{102}^{(20)} + m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(21)} + m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{021}^{(20)}\\
&-m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(21)} - 3m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(20)} + m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(22)}m_{120}^{(20)}\\
&+m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{021}^{(21)} + m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{012}^{(11)} - m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{102}^{(11)}\\
&+m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{021}^{(20)} - m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{201}^{(21)} - m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{111}^{(11)}\\
&-2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(21)} - m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{111}^{(11)} - m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{030}^{(20)}\\
&+2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(21)} + m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{201}^{(11)} + m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(20)}
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\begin{aligned}
&-m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(00)}m_{021}^{(11)}+m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(11)}m_{201}^{(11)}+2m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(20)}m_{120}^{(11)}\\
&-2m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(21)}m_{210}^{(11)}-2m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(21)}+m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{102}^{(21)}\\
&+2m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(21)}-m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(22)}m_{120}^{(21)}+m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(21)}\\
&+3m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{012}^{(20)}-2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(11)}m_{102}^{(20)}-m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(21)}\\
&-3m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{021}^{(20)}-m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(21)}+m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(20)}\\
&+m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(21)}+m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{120}^{(20)}+m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{012}^{(10)}-m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(21)}+m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{102}^{(10)}\\
&-m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(21)}+m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{021}^{(10)}+m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{111}^{(10)}+m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{012}^{(20)}-2m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(10)}m_{102}^{(20)}\\
&+2m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(21)}m_{201}^{(20)}-m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(22)}m_{210}^{(20)}-m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{021}^{(20)}\\
&-m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{012}^{(10)}-m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(20)}+m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{102}^{(10)}\\
&+2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(11)}m_{201}^{(20)}+3m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{120}^{(20)}+m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{111}^{(10)}\\
&-3m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(20)}-m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{201}^{(10)}+m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(00)}m_{021}^{(10)}\\
&-m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(11)}m_{201}^{(10)}-2m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(20)}m_{120}^{(10)}+2m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(21)}m_{210}^{(10)}\\
&+m_{100}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(21)}-m_{100}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(21)}-m_{100}^{(10)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(21)}\\
&+m_{100}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(21)}-m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(21)}-m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{021}^{(20)}\\
&+m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{201}^{(21)}+m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{111}^{(20)}+m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(21)}\\
&+m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{030}^{(20)}-m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(21)}-m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{120}^{(20)}\\
&+m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{111}^{(20)}-m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(11)}m_{201}^{(20)}-m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{120}^{(20)}\\
&+m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(21)}m_{210}^{(20)}-(m_{100}^{(11)})^2m_{110}^{(00)}m_{003}^{(22)}+2(m_{100}^{(11)})^2m_{110}^{(20)}m_{102}^{(22)}\\
&-(m_{100}^{(11)})^2m_{110}^{(22)}m_{201}^{(22)}+(m_{100}^{(11)})^2m_{101}^{(00)}m_{003}^{(21)}-2(m_{100}^{(11)})^2m_{101}^{(20)}m_{102}^{(21)}\\
&+(m_{100}^{(11)})^2m_{101}^{(22)}m_{201}^{(21)}+(m_{100}^{(11)})^2m_{011}^{(00)}m_{102}^{(22)}-2(m_{100}^{(11)})^2m_{011}^{(20)}m_{201}^{(22)}\\
&+(m_{100}^{(11)})^2m_{011}^{(22)}m_{300}^{(22)}-(m_{100}^{(11)})^2m_{002}^{(00)}m_{102}^{(21)}+2(m_{100}^{(11)})^2m_{002}^{(20)}m_{201}^{(21)}\\
&-(m_{100}^{(11)})^2m_{002}^{(22)}m_{300}^{(21)}-m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(10)}m_{012}^{(22)}-m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(10)}m_{003}^{(21)}\\
&+m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(20)}m_{021}^{(22)}+m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(20)}m_{012}^{(21)}+m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(21)}m_{111}^{(22)}\\
&+m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(21)}m_{102}^{(21)}-m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(22)}m_{120}^{(22)}-m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(22)}m_{111}^{(21)}\\
&+m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(10)}m_{012}^{(21)}+m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(10)}m_{003}^{(11)}-m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(20)}m_{021}^{(21)}\\
&-m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(20)}m_{012}^{(11)}-m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(21)}m_{111}^{(21)}-m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(21)}m_{102}^{(11)}\\
&+m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(22)}m_{120}^{(21)}+m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(22)}m_{111}^{(11)}-m_{100}^{(11)}m_{100}^{(20)}m_{100}^{(00)}m_{020}^{(22)}m_{012}^{(22)}\\
&+2m_{100}^{(11)}m_{100}^{(20)}m_{020}^{(10)}m_{102}^{(22)}-2m_{100}^{(11)}m_{100}^{(20)}m_{020}^{(21)}m_{201}^{(22)}+m_{100}^{(11)}m_{100}^{(20)}m_{020}^{(22)}m_{210}^{(22)}\\
&+m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(00)}m_{021}^{(22)}+m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(00)}m_{012}^{(21)}-m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(10)}m_{111}^{(22)}\\
&-m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(10)}m_{102}^{(21)}-m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{120}^{(22)}-m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{111}^{(21)}\\
&+m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(21)}m_{210}^{(22)}+m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(21)}m_{201}^{(21)}-m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(00)}m_{021}^{(21)}\\
&+m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(10)}m_{111}^{(21)}-m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(10)}m_{102}^{(11)}+m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(20)}m_{120}^{(21)}\\
&+m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(20)}m_{111}^{(11)}-m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(21)}m_{210}^{(21)}+m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(21)}m_{201}^{(11)}\\
&-m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(22)}m_{210}^{(11)}+3m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(00)}m_{012}^{(22)}+m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(00)}m_{003}^{(21)}\\
&-2m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(10)}m_{102}^{(22)}-4m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(20)}m_{111}^{(22)}-2m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(20)}m_{102}^{(21)}\\
&+2m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(21)}m_{201}^{(22)}+m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(22)}m_{210}^{(22)}+m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(22)}m_{201}^{(21)}
\end{aligned}
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\begin{aligned}
&-3m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(00)}m_{012}^{(21)} - m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(00)}m_{003}^{(11)} + 2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(10)}m_{102}^{(21)}\\
&+4m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{111}^{(21)} + 2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{102}^{(11)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(21)}m_{201}^{(21)}\\
&-m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(22)}m_{210}^{(21)} - m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(22)}m_{201}^{(11)} - m_{100}^{(11)}m_{100}^{(21)}m_{020}^{(00)}m_{102}^{(22)}\\
&+2m_{100}^{(11)}m_{100}^{(21)}m_{020}^{(20)}m_{201}^{(22)} - m_{100}^{(11)}m_{100}^{(21)}m_{020}^{(22)}m_{300}^{(22)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(00)}m_{111}^{(22)}\\
&+2m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(10)}m_{201}^{(22)} + 2m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(20)}m_{210}^{(22)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(21)}m_{300}^{(22)}\\
&+2m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(00)}m_{111}^{(21)} + m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(00)}m_{102}^{(11)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(10)}m_{201}^{(21)}\\
&-2m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(20)}m_{210}^{(21)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(20)}m_{201}^{(11)} + 2m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(21)}m_{300}^{(21)}\\
&+m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(22)}m_{300}^{(11)} - m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(00)}m_{021}^{(22)} - m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(00)}m_{012}^{(21)}\\
&+m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(10)}m_{111}^{(22)} + m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(10)}m_{102}^{(21)} + m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(20)}m_{120}^{(22)}\\
&+m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(20)}m_{111}^{(21)} - m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(21)}m_{210}^{(22)} - m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(21)}m_{201}^{(21)}\\
&+m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(00)}m_{021}^{(21)} + m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(00)}m_{012}^{(11)} - m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(10)}m_{111}^{(21)}\\
&-m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(10)}m_{102}^{(11)} - m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(20)}m_{120}^{(21)} - m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(20)}m_{111}^{(11)}\\
&+m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(21)}m_{210}^{(21)} + m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(21)}m_{201}^{(11)} + m_{100}^{(11)}m_{100}^{(22)}m_{020}^{(00)}m_{111}^{(22)}\\
&-m_{100}^{(11)}m_{100}^{(22)}m_{020}^{(10)}m_{201}^{(22)} - m_{100}^{(11)}m_{100}^{(22)}m_{020}^{(20)}m_{210}^{(22)} + m_{100}^{(11)}m_{100}^{(22)}m_{020}^{(21)}m_{300}^{(22)}\\
&-m_{100}^{(11)}m_{100}^{(22)}m_{002}^{(00)}m_{111}^{(11)} + m_{100}^{(11)}m_{100}^{(22)}m_{002}^{(10)}m_{201}^{(11)} + m_{100}^{(11)}m_{100}^{(22)}m_{002}^{(20)}m_{210}^{(11)}\\
&-m_{100}^{(11)}m_{100}^{(22)}m_{002}^{(21)}m_{300}^{(11)} - m_{100}^{(11)}m_{010}^{(00)}m_{101}^{(10)}m_{012}^{(22)} + m_{100}^{(11)}m_{010}^{(00)}m_{101}^{(10)}m_{003}^{(21)}\\
&+m_{100}^{(11)}m_{010}^{(00)}m_{101}^{(20)}m_{021}^{(22)} - m_{100}^{(11)}m_{010}^{(00)}m_{101}^{(20)}m_{012}^{(21)} + m_{100}^{(11)}m_{010}^{(00)}m_{101}^{(21)}m_{111}^{(22)}\\
&-m_{100}^{(11)}m_{010}^{(00)}m_{101}^{(21)}m_{102}^{(21)} - m_{100}^{(11)}m_{010}^{(00)}m_{101}^{(22)}m_{120}^{(22)} + m_{100}^{(11)}m_{010}^{(00)}m_{101}^{(22)}m_{111}^{(21)}\\
&+m_{100}^{(11)}m_{010}^{(00)}m_{011}^{(10)}m_{102}^{(22)} - m_{100}^{(11)}m_{010}^{(00)}m_{011}^{(10)}m_{003}^{(20)} - m_{100}^{(11)}m_{010}^{(00)}m_{011}^{(20)}m_{111}^{(22)}\\
&+m_{100}^{(11)}m_{010}^{(00)}m_{011}^{(20)}m_{012}^{(20)} - m_{100}^{(11)}m_{010}^{(00)}m_{011}^{(21)}m_{201}^{(22)} + m_{100}^{(11)}m_{010}^{(00)}m_{011}^{(21)}m_{102}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(00)}m_{011}^{(22)}m_{210}^{(22)} - m_{100}^{(11)}m_{010}^{(00)}m_{011}^{(22)}m_{111}^{(20)} - m_{100}^{(11)}m_{010}^{(00)}m_{002}^{(10)}m_{102}^{(21)}\\
&+m_{100}^{(11)}m_{010}^{(00)}m_{002}^{(10)}m_{012}^{(20)} + m_{100}^{(11)}m_{010}^{(00)}m_{002}^{(20)}m_{111}^{(21)} - m_{100}^{(11)}m_{010}^{(00)}m_{002}^{(20)}m_{021}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(00)}m_{002}^{(21)}m_{201}^{(21)} - m_{100}^{(11)}m_{010}^{(00)}m_{002}^{(21)}m_{111}^{(20)} - m_{100}^{(11)}m_{010}^{(00)}m_{002}^{(22)}m_{210}^{(21)}\\
&+m_{100}^{(11)}m_{010}^{(00)}m_{002}^{(22)}m_{120}^{(20)} - m_{100}^{(11)}m_{010}^{(10)}m_{200}^{(10)}m_{003}^{(22)} + m_{100}^{(11)}m_{010}^{(10)}m_{200}^{(20)}m_{012}^{(22)}\\
&+m_{100}^{(11)}m_{010}^{(10)}m_{200}^{(21)}m_{102}^{(22)} - m_{100}^{(11)}m_{010}^{(10)}m_{200}^{(22)}m_{111}^{(22)} + m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(00)}m_{012}^{(22)}\\
&-m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(00)}m_{003}^{(21)} + m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(10)}m_{102}^{(22)} + m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(10)}m_{003}^{(20)}\\
&-3m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(20)}m_{111}^{(22)} + 2m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(20)}m_{102}^{(21)} - m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(20)}m_{012}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(21)}m_{201}^{(22)} - m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(21)}m_{102}^{(20)} + 2m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(22)}m_{210}^{(22)}\\
&-m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(22)}m_{201}^{(21)} + m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(22)}m_{111}^{(20)} - m_{100}^{(11)}m_{010}^{(10)}m_{011}^{(00)}m_{102}^{(22)}\\
&+m_{100}^{(11)}m_{010}^{(10)}m_{011}^{(00)}m_{003}^{(20)} + 2m_{100}^{(11)}m_{010}^{(10)}m_{011}^{(20)}m_{201}^{(22)} - 2m_{100}^{(11)}m_{010}^{(10)}m_{011}^{(20)}m_{102}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(10)}m_{011}^{(22)}m_{300}^{(22)} + m_{100}^{(11)}m_{010}^{(10)}m_{011}^{(22)}m_{201}^{(20)} + m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(00)}m_{102}^{(21)}\\
&-m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(00)}m_{012}^{(20)} - m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(10)}m_{102}^{(20)} - 2m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(20)}m_{201}^{(21)}\\
&+3m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(20)}m_{111}^{(20)} + m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(21)}m_{201}^{(20)} + m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(22)}m_{300}^{(21)}\\
&-2m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(22)}m_{210}^{(20)} + m_{100}^{(11)}m_{010}^{(11)}m_{200}^{(00)}m_{003}^{(22)} - 2m_{100}^{(11)}m_{010}^{(11)}m_{200}^{(20)}m_{102}^{(22)}\\
&+m_{100}^{(11)}m_{010}^{(11)}m_{200}^{(22)}m_{201}^{(22)} - m_{100}^{(11)}m_{010}^{(11)}m_{101}^{(00)}m_{102}^{(22)} - m_{100}^{(11)}m_{010}^{(11)}m_{101}^{(00)}m_{003}^{(20)}\\
&+2m_{100}^{(11)}m_{010}^{(11)}m_{101}^{(20)}m_{201}^{(22)} + 2m_{100}^{(11)}m_{010}^{(11)}m_{101}^{(20)}m_{102}^{(20)} - m_{100}^{(11)}m_{010}^{(11)}m_{101}^{(22)}m_{300}^{(22)}\\
&-m_{100}^{(11)}m_{010}^{(11)}m_{101}^{(22)}m_{201}^{(20)} + m_{100}^{(11)}m_{010}^{(11)}m_{002}^{(00)}m_{102}^{(20)} - 2m_{100}^{(11)}m_{010}^{(11)}m_{002}^{(20)}m_{201}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(11)}m_{002}^{(22)}m_{300}^{(20)} + m_{100}^{(11)}m_{010}^{(20)}m_{200}^{(10)}m_{012}^{(22)} - m_{100}^{(11)}m_{010}^{(20)}m_{200}^{(20)}m_{021}^{(22)}
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\begin{aligned}
&-m_{100}^{(11)}m_{010}^{(20)}m_{200}^{(21)}m_{111}^{(22)} + m_{100}^{(11)}m_{010}^{(20)}m_{200}^{(22)}m_{120}^{(22)} - m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(10)}m_{102}^{(22)}\\
&+m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(10)}m_{003}^{(20)} + m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(20)}m_{111}^{(22)} - m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(21)}m_{201}^{(22)} - m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(21)}m_{102}^{(20)} - m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(22)}m_{210}^{(22)}\\
&+m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(22)}m_{111}^{(20)} - m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(00)}m_{021}^{(22)} + m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(00)}m_{012}^{(21)}\\
&+m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(10)}m_{111}^{(22)} - m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(10)}m_{102}^{(21)} - m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(10)}m_{012}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(10)}m_{003}^{(10)} + m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{120}^{(22)} - m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{111}^{(21)}\\
&+m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{021}^{(20)} + m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{012}^{(10)} - m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(21)}m_{210}^{(22)}\\
&+m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(21)}m_{201}^{(21)} + m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(20)} + m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(21)}m_{102}^{(10)}\\
&-m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(22)}m_{120}^{(20)} - m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(22)}m_{111}^{(10)} + m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(00)}m_{111}^{(22)}\\
&-m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(00)}m_{012}^{(20)} - m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(10)}m_{201}^{(22)} + m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(10)}m_{102}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(20)}m_{210}^{(22)} + m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(20)} + m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(21)}m_{300}^{(22)}\\
&-m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(21)}m_{201}^{(20)} - m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(00)}m_{111}^{(21)} + m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(00)}m_{021}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(10)}m_{201}^{(21)} - m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(10)}m_{111}^{(20)} + m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(10)}m_{102}^{(10)}\\
&+m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(20)}m_{210}^{(21)} - m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(20)}m_{120}^{(20)} - m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(20)}m_{111}^{(10)}\\
&-m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(21)}m_{300}^{(21)} + m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(21)}m_{210}^{(20)} - m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(21)}m_{201}^{(10)}\\
&+m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(22)}m_{210}^{(10)} - 2m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(00)}m_{012}^{(22)} + m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(10)}m_{102}^{(22)}\\
&+3m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{111}^{(22)} - m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(21)}m_{201}^{(22)} - m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{210}^{(22)}\\
&+m_{100}^{(11)}m_{010}^{(21)}m_{110}^{(00)}m_{102}^{(22)} - m_{100}^{(11)}m_{010}^{(21)}m_{110}^{(00)}m_{003}^{(20)} - 2m_{100}^{(11)}m_{010}^{(21)}m_{110}^{(20)}m_{201}^{(22)}\\
&+2m_{100}^{(11)}m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(20)} + m_{100}^{(11)}m_{010}^{(21)}m_{110}^{(22)}m_{300}^{(22)} - m_{100}^{(11)}m_{010}^{(21)}m_{110}^{(22)}m_{201}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(00)}m_{111}^{(22)} + 2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(00)}m_{012}^{(20)} + m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(00)}m_{003}^{(10)}\\
&-m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(10)}m_{201}^{(22)} - m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(10)}m_{102}^{(20)} - m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{210}^{(22)}\\
&-3m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(20)} - 2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{102}^{(10)} + m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(21)}m_{300}^{(22)}\\
&+m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(21)}m_{201}^{(20)} + m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(22)}m_{210}^{(20)} + m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(22)}m_{201}^{(10)}\\
&-m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(00)}m_{111}^{(20)} - m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(00)}m_{102}^{(10)} + m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(10)}m_{201}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(20)}m_{210}^{(20)} + 2m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(20)}m_{201}^{(10)} - m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(21)}m_{300}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(22)}m_{300}^{(10)} + m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(00)}m_{021}^{(22)} - m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(10)}m_{111}^{(22)}\\
&-m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(20)}m_{120}^{(22)} + m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(21)}m_{210}^{(22)} - m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(00)}m_{111}^{(22)}\\
&+m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(00)}m_{012}^{(20)} + m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(10)}m_{201}^{(22)} - m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(10)}m_{102}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(20)}m_{210}^{(22)} - m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(20)} - m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(21)}m_{300}^{(22)}\\
&+m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(20)} - m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(00)}m_{021}^{(20)} - m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(00)}m_{012}^{(10)}\\
&+m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(20)} + m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(10)}m_{102}^{(10)} + m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(20)}m_{111}^{(10)} - m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(20)} - m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(21)}m_{201}^{(10)}\\
&+m_{100}^{(11)}m_{010}^{(22)}m_{002}^{(00)}m_{111}^{(10)} - m_{100}^{(11)}m_{010}^{(22)}m_{002}^{(10)}m_{201}^{(10)} - m_{100}^{(11)}m_{010}^{(22)}m_{002}^{(20)}m_{210}^{(10)}\\
&+m_{100}^{(11)}m_{010}^{(22)}m_{002}^{(21)}m_{300}^{(10)} + m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(10)}m_{012}^{(21)} - m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(10)}m_{003}^{(11)}\\
&-m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{021}^{(21)} + m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{012}^{(11)} - m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(21)}m_{111}^{(21)}\\
&+m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(21)}m_{102}^{(11)} + m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(22)}m_{120}^{(21)} - m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(22)}m_{111}^{(11)}\\
&+m_{100}^{(11)}m_{001}^{(00)}m_{020}^{(10)}m_{003}^{(20)} - m_{100}^{(11)}m_{001}^{(00)}m_{020}^{(20)}m_{012}^{(20)} - m_{100}^{(11)}m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(20)}\\
&+m_{100}^{(11)}m_{001}^{(00)}m_{020}^{(22)}m_{111}^{(20)} - m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(10)}m_{102}^{(21)} - m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(20)}
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&+m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(21)}+m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(20)}+m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(21)}m_{201}^{(21)}\\
&+m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(20)}-m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(22)}m_{210}^{(21)}-m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(22)}m_{120}^{(20)}\\
&+m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(10)}m_{102}^{(11)}-m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(20)}m_{111}^{(11)}-m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(21)}m_{201}^{(11)}\\
&+m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(22)}m_{210}^{(11)}+m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(10)}m_{003}^{(21)}-m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{012}^{(21)}\\
&-m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(21)}m_{102}^{(21)}+m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{111}^{(21)}-2m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(10)}m_{003}^{(20)}\\
&+2m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(20)}+2m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(20)}-2m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(00)}m_{012}^{(21)}+m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(00)}m_{003}^{(11)}-m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{102}^{(21)}\\
&+m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{003}^{(10)}+3m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(21)}-2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{102}^{(11)}\\
&-m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{012}^{(10)}+m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{201}^{(21)}-m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{102}^{(10)}\\
&-2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{210}^{(21)}+m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{201}^{(11)}+m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{111}^{(10)}\\
&-m_{100}^{(11)}m_{001}^{(10)}m_{020}^{(00)}m_{003}^{(20)}+2m_{100}^{(11)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(20)}-m_{100}^{(11)}m_{001}^{(10)}m_{020}^{(22)}m_{201}^{(20)}\\
&+m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(00)}m_{102}^{(21)}+m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(00)}m_{012}^{(20)}+2m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(20)}\\
&-2m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(21)}-4m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(20)}-2m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(20)}\\
&+m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(22)}m_{300}^{(21)}+3m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(22)}m_{210}^{(20)}-m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(00)}m_{102}^{(11)}\\
&-m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{102}^{(10)}+2m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{201}^{(11)}+m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{111}^{(10)}\\
&+m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(21)}m_{201}^{(10)}-m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(22)}m_{300}^{(11)}-m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(22)}m_{210}^{(10)}\\
&-m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(00)}m_{003}^{(21)}+2m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(20)}m_{102}^{(21)}-m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(22)}m_{201}^{(21)}\\
&+2m_{100}^{(11)}m_{001}^{(11)}m_{110}^{(00)}m_{003}^{(20)}-4m_{100}^{(11)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(20)}+2m_{100}^{(11)}m_{001}^{(11)}m_{110}^{(22)}m_{201}^{(20)}\\
&+m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(00)}m_{102}^{(21)}-m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(00)}m_{003}^{(10)}-2m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(20)}m_{201}^{(21)}\\
&+2m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(20)}m_{102}^{(10)}+m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(22)}m_{300}^{(21)}-m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(22)}m_{201}^{(10)}\\
&-2m_{100}^{(11)}m_{001}^{(11)}m_{011}^{(00)}m_{102}^{(20)}+4m_{100}^{(11)}m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(20)}-2m_{100}^{(11)}m_{001}^{(11)}m_{011}^{(22)}m_{300}^{(20)}\\
&+m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(00)}m_{102}^{(10)}-2m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(20)}m_{201}^{(10)}+m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(22)}m_{300}^{(10)}\\
&-m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{012}^{(21)}+m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{021}^{(21)}+m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{111}^{(21)}\\
&-m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(22)}m_{120}^{(21)}+m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{102}^{(21)}+m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(21)}-m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(20)}-m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{201}^{(21)}\\
&-m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(20)}+m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(22)}m_{210}^{(21)}+m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(22)}m_{120}^{(20)}\\
&+m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{021}^{(21)}-m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{012}^{(11)}-m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(21)}\\
&+m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{102}^{(11)}-m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(21)}+m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{111}^{(11)}\\
&+m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{210}^{(21)}-m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{201}^{(11)}+m_{100}^{(11)}m_{001}^{(20)}m_{001}^{(00)}m_{012}^{(20)}\\
&-2m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(20)}+2m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(20)}-m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(22)}m_{210}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{111}^{(21)}-m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{021}^{(20)}+m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(21)}\\
&+m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(20)}+m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(21)}+m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{300}^{(21)}-m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(20)}+m_{100}^{(11)}m_{001}^{(20)}m_{001}^{(00)}m_{002}^{(11)}\\
&-m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(10)}m_{201}^{(11)}-m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(20)}m_{210}^{(11)}+m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(21)}m_{300}^{(11)}\\
&+2m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{012}^{(21)}-m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{102}^{(21)}-3m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(21)}\\
&+m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{201}^{(21)}+m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(22)}m_{210}^{(21)}-m_{100}^{(11)}m_{001}^{(21)}m_{001}^{(00)}m_{110}^{(21)}\\
&-3m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{012}^{(20)}+2m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(20)}+2m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(21)}\\
&+4m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(20)}-2m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(20)}-m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(22)}m_{300}^{(21)}
\end{aligned}
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\begin{aligned}
&-m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(20)} - m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(21)} + m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{012}^{(10)}\\
&+m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{201}^{(21)} - m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{102}^{(10)} + m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(21)}\\
&-m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{111}^{(10)} - m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{300}^{(21)} + m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{201}^{(10)}\\
&+m_{100}^{(11)}m_{001}^{(21)}m_{020}^{(00)}m_{102}^{(20)} - 2m_{100}^{(11)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(20)} + m_{100}^{(11)}m_{001}^{(21)}m_{020}^{(22)}m_{300}^{(20)}\\
&+2m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(20)} - 2m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(20)} - 2m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(20)}\\
&+2m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(20)} - m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(00)}m_{111}^{(10)} + m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(10)}m_{201}^{(10)}\\
&+m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(20)}m_{210}^{(10)} - m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(21)}m_{300}^{(10)} - m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(00)}m_{021}^{(21)}\\
&+m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{111}^{(21)} + m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(20)}m_{120}^{(21)} - m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(21)}m_{210}^{(21)}\\
&+m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{111}^{(21)} + m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{021}^{(20)} - m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{201}^{(21)}\\
&-m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(20)} - m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(20)}m_{210}^{(21)} - m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(20)}\\
&+m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(21)}m_{300}^{(21)} + m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(20)} - m_{100}^{(11)}m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(20)}\\
&+m_{100}^{(11)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(20)} + m_{100}^{(11)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(20)} - m_{100}^{(11)}m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(20)}\\
&-(m_{100}^{(20)})^2m_{110}^{(11)}m_{012}^{(21)} + 2(m_{100}^{(20)})^2m_{110}^{(21)}m_{021}^{(21)} - (m_{100}^{(20)})^2m_{110}^{(22)}m_{030}^{(21)}\\
&+(m_{100}^{(20)})^2m_{101}^{(11)}m_{012}^{(11)} - 2(m_{100}^{(20)})^2m_{101}^{(21)}m_{021}^{(11)} + (m_{100}^{(20)})^2m_{101}^{(22)}m_{030}^{(11)}\\
&-(m_{100}^{(20)})^2m_{020}^{(10)}m_{012}^{(21)} + 2(m_{100}^{(20)})^2m_{020}^{(11)}m_{102}^{(21)} + (m_{100}^{(20)})^2m_{020}^{(20)}m_{021}^{(21)}\\
&-3(m_{100}^{(20)})^2m_{020}^{(21)}m_{111}^{(21)} + (m_{100}^{(20)})^2m_{020}^{(22)}m_{120}^{(21)} + (m_{100}^{(20)})^2m_{011}^{(10)}m_{021}^{(21)}\\
&+(m_{100}^{(20)})^2m_{011}^{(10)}m_{012}^{(11)} - (m_{100}^{(20)})^2m_{011}^{(11)}m_{111}^{(21)} - 2(m_{100}^{(20)})^2m_{011}^{(11)}m_{102}^{(11)}\\
&-(m_{100}^{(20)})^2m_{011}^{(20)}m_{030}^{(21)} - (m_{100}^{(20)})^2m_{011}^{(20)}m_{021}^{(11)} + (m_{100}^{(20)})^2m_{011}^{(21)}m_{120}^{(21)}\\
&+3(m_{100}^{(20)})^2m_{011}^{(21)}m_{111}^{(11)} - (m_{100}^{(20)})^2m_{011}^{(22)}m_{120}^{(11)} - (m_{100}^{(20)})^2m_{002}^{(10)}m_{021}^{(11)}\\
&+(m_{100}^{(20)})^2m_{002}^{(11)}m_{111}^{(11)} + (m_{100}^{(20)})^2m_{002}^{(20)}m_{030}^{(11)} - (m_{100}^{(20)})^2m_{002}^{(21)}m_{120}^{(11)}\\
&+m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(10)}m_{021}^{(22)} + 3m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(10)}m_{012}^{(21)} - m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(11)}m_{111}^{(22)}\\
&-m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(11)}m_{102}^{(21)} - m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(20)}m_{030}^{(22)} - 3m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(20)}m_{021}^{(21)}\\
&+m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{120}^{(22)} - m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{111}^{(21)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(22)}m_{120}^{(21)}\\
&-m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(10)}m_{021}^{(21)} - 3m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(10)}m_{012}^{(11)} + m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{111}^{(21)}\\
&+m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{102}^{(11)} + m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(20)}m_{030}^{(21)} + 3m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(20)}m_{021}^{(11)}\\
&-m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{120}^{(21)} + m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{111}^{(11)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(22)}m_{120}^{(11)}\\
&+m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(00)}m_{021}^{(22)} + m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(00)}m_{012}^{(21)} - 3m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(10)}m_{111}^{(22)}\\
&-3m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(10)}m_{102}^{(21)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(11)}m_{201}^{(22)} + m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{120}^{(22)}\\
&+m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{111}^{(21)} - m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(21)}m_{210}^{(22)} + 3m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(21)}m_{201}^{(21)}\\
&-2m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(22)}m_{210}^{(21)} - m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(00)}m_{030}^{(22)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(00)}m_{021}^{(21)}\\
&-m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(00)}m_{012}^{(11)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{120}^{(22)} + 3m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{111}^{(21)}\\
&+3m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{102}^{(11)} - m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(11)}m_{210}^{(22)} - m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(11)}m_{201}^{(21)}\\
&+m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(20)}m_{120}^{(21)} - m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(20)}m_{111}^{(11)} - m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(21)}m_{210}^{(21)}\\
&-3m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(21)}m_{201}^{(11)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(22)}m_{210}^{(11)} + m_{100}^{(20)}m_{100}^{(21)}m_{002}^{(00)}m_{030}^{(21)}\\
&+m_{100}^{(20)}m_{100}^{(21)}m_{002}^{(00)}m_{021}^{(11)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{002}^{(10)}m_{120}^{(21)} + m_{100}^{(20)}m_{100}^{(21)}m_{002}^{(11)}m_{210}^{(21)}\\
&-m_{100}^{(20)}m_{100}^{(21)}m_{002}^{(11)}m_{201}^{(11)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{002}^{(20)}m_{120}^{(11)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{002}^{(21)}m_{210}^{(11)}\\
&-2m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(10)}m_{021}^{(21)} + 2m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(11)}m_{111}^{(21)} + 2m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(20)}m_{030}^{(21)}\\
&-2m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(21)}m_{120}^{(21)} + 2m_{100}^{(20)}m_{100}^{(22)}m_{101}^{(10)}m_{021}^{(11)} - 2m_{100}^{(20)}m_{100}^{(22)}m_{101}^{(11)}m_{111}^{(11)}
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\begin{aligned}
&-2m_{100}^{(20)}m_{100}^{(22)}m_{101}^{(20)}m_{030}^{(11)}+2m_{100}^{(20)}m_{100}^{(22)}m_{101}^{(21)}m_{120}^{(11)}-m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(00)}m_{021}^{(21)}\\
&+4m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(10)}m_{111}^{(21)}-3m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(11)}m_{201}^{(21)}-2m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(20)}m_{120}^{(21)}\\
&+2m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(21)}m_{210}^{(21)}+m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(00)}m_{030}^{(21)}+m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(00)}m_{021}^{(11)}\\
&-2m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(10)}m_{120}^{(21)}-4m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(10)}m_{111}^{(11)}+m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(11)}m_{210}^{(21)}\\
&+3m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(11)}m_{201}^{(11)}+2m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(20)}m_{120}^{(11)}-2m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(21)}m_{210}^{(11)}\\
&-m_{100}^{(20)}m_{100}^{(22)}m_{002}^{(00)}m_{030}^{(11)}+2m_{100}^{(20)}m_{100}^{(22)}m_{002}^{(10)}m_{120}^{(11)}-m_{100}^{(20)}m_{100}^{(22)}m_{002}^{(11)}m_{210}^{(11)}\\
&-m_{100}^{(20)}m_{010}^{(00)}m_{110}^{(11)}m_{012}^{(22)}+m_{100}^{(20)}m_{010}^{(00)}m_{110}^{(11)}m_{003}^{(21)}+2m_{100}^{(20)}m_{010}^{(00)}m_{110}^{(21)}m_{021}^{(22)}\\
&-2m_{100}^{(20)}m_{010}^{(00)}m_{110}^{(21)}m_{012}^{(21)}-m_{100}^{(20)}m_{010}^{(00)}m_{110}^{(22)}m_{030}^{(22)}+m_{100}^{(20)}m_{010}^{(00)}m_{110}^{(22)}m_{021}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(10)}m_{012}^{(22)}+2m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(11)}m_{102}^{(22)}+m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(20)}m_{021}^{(22)}\\
&-3m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(21)}m_{111}^{(22)}+m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(22)}m_{120}^{(22)}+m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(10)}m_{021}^{(22)}\\
&+m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(10)}m_{012}^{(21)}-m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(11)}m_{111}^{(22)}-2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(11)}m_{102}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(11)}m_{003}^{(10)}-m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(20)}m_{030}^{(22)}-m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(20)}m_{021}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{120}^{(22)}+3m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{111}^{(21)}+2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{012}^{(10)}\\
&-m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(22)}m_{120}^{(21)}-m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(22)}m_{021}^{(10)}-m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(10)}m_{021}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(11)}m_{111}^{(21)}+m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(11)}m_{012}^{(10)}+m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(20)}m_{030}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(21)}m_{120}^{(21)}-2m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(21)}m_{021}^{(10)}+m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(22)}m_{030}^{(10)}\\
&-m_{100}^{(20)}m_{010}^{(10)}m_{200}^{(11)}m_{003}^{(21)}+2m_{100}^{(20)}m_{010}^{(10)}m_{200}^{(21)}m_{012}^{(21)}-m_{100}^{(20)}m_{010}^{(10)}m_{200}^{(22)}m_{021}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(10)}m_{012}^{(22)}-m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(10)}m_{003}^{(21)}-m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(20)}m_{021}^{(22)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(20)}m_{012}^{(21)}-m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{111}^{(22)}+m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{102}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{120}^{(22)}-m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{111}^{(21)}+m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(11)}m_{102}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(11)}m_{003}^{(10)}-2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(21)}-2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{012}^{(10)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(22)}m_{120}^{(21)}+m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(22)}m_{021}^{(10)}+m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(00)}m_{012}^{(22)}\\
&-2m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(10)}m_{102}^{(22)}+2m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(21)}m_{201}^{(22)}-m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(22)}m_{210}^{(22)}\\
&-m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(00)}m_{021}^{(22)}-m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(00)}m_{012}^{(21)}+m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{111}^{(22)}\\
&+2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{102}^{(21)}+m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{003}^{(10)}+m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{120}^{(22)}\\
&-m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{012}^{(10)}-m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{210}^{(22)}-2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{201}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{102}^{(10)}+m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(22)}m_{210}^{(21)}+m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(22)}m_{111}^{(10)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(00)}m_{021}^{(21)}-m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{111}^{(21)}-m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{012}^{(10)}\\
&-m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(11)}m_{102}^{(10)}-m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(20)}m_{120}^{(21)}+m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(20)}m_{021}^{(10)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(21)}m_{210}^{(21)}+3m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(21)}m_{111}^{(10)}-2m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(22)}m_{120}^{(10)}\\
&+m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(10)}m_{003}^{(21)}-m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(20)}m_{012}^{(21)}-m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(21)}m_{102}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(22)}m_{111}^{(21)}-m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(10)}m_{102}^{(21)}-m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(10)}m_{003}^{(10)}\\
&+m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(20)}m_{111}^{(21)}+m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(20)}m_{012}^{(10)}+m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(21)}m_{201}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(21)}m_{102}^{(10)}-m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(22)}m_{210}^{(21)}-m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(22)}m_{111}^{(10)}\\
&+m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(10)}m_{102}^{(10)}-m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(20)}m_{111}^{(10)}-m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(21)}m_{201}^{(10)}\\
&+m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(22)}m_{210}^{(10)}+m_{100}^{(20)}m_{010}^{(20)}m_{200}^{(11)}m_{012}^{(21)}-2m_{100}^{(20)}m_{010}^{(20)}m_{200}^{(21)}m_{021}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(20)}m_{200}^{(22)}m_{030}^{(21)}-m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(10)}m_{021}^{(22)}+m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(10)}m_{012}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(11)}m_{111}^{(22)}-2m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(11)}m_{102}^{(21)}+m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(11)}m_{012}^{(20)}
\end{aligned}
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\begin{aligned}
&+m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(20)}m_{030}^{(22)} - m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(20)}m_{021}^{(21)} - m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{120}^{(22)}\\
&+3m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{111}^{(21)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{021}^{(20)} - m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(22)}m_{120}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(22)}m_{030}^{(20)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(11)}m_{012}^{(10)} + 4m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{021}^{(10)}\\
&-2m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(22)}m_{030}^{(10)} - m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(00)}m_{021}^{(22)} + 3m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(10)}m_{111}^{(22)}\\
&+m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(10)}m_{012}^{(20)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(11)}m_{201}^{(22)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(11)}m_{102}^{(20)}\\
&-m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(20)}m_{120}^{(22)} - m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(20)}m_{021}^{(20)} + m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(21)}m_{210}^{(22)}\\
&+3m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(21)}m_{111}^{(20)} - m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(22)}m_{120}^{(20)} + m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(00)}m_{030}^{(22)}\\
&+m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(00)}m_{021}^{(21)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{120}^{(22)} - 3m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{021}^{(20)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{012}^{(10)} + m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(11)}m_{210}^{(22)}\\
&+2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(11)}m_{201}^{(21)} + m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(11)}m_{111}^{(20)} + 4m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(11)}m_{102}^{(10)}\\
&+m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(20)}m_{120}^{(21)} + m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(20)}m_{030}^{(20)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(20)}m_{021}^{(10)}\\
&-m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{210}^{(21)} - m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{120}^{(20)} - 6m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(10)}\\
&+2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(22)}m_{120}^{(10)} - m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(00)}m_{030}^{(21)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(10)}m_{120}^{(21)}\\
&+2m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(10)}m_{021}^{(10)} - m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(11)}m_{210}^{(21)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(11)}m_{111}^{(10)}\\
&-2m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(20)}m_{030}^{(10)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(21)}m_{120}^{(10)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(11)}m_{102}^{(21)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(20)}m_{021}^{(21)} - m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(22)}m_{120}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{102}^{(21)} - m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{012}^{(20)} - m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{021}^{(20)} - m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{201}^{(21)} + m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{111}^{(20)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(22)}m_{210}^{(21)} - m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(22)}m_{120}^{(20)} + m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(21)}\\
&+3m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{012}^{(10)} - m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(11)}m_{201}^{(21)} - m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(11)}m_{102}^{(10)}\\
&-m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(21)} - 3m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{021}^{(10)} + m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{210}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(10)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(22)}m_{120}^{(10)} - m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(00)}m_{012}^{(20)}\\
&+2m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(10)}m_{102}^{(20)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(21)}m_{201}^{(20)} + m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(22)}m_{210}^{(20)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{021}^{(20)} + m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{012}^{(10)} - m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{111}^{(20)}\\
&-3m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{102}^{(10)} - m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{120}^{(20)} + m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{111}^{(10)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{210}^{(20)} + 3m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(10)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(22)}m_{210}^{(10)}\\
&-m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(00)}m_{021}^{(10)} + m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(11)}m_{201}^{(10)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(20)}m_{120}^{(10)}\\
&-2m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(21)}m_{210}^{(10)} + m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(10)}m_{021}^{(21)} - m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(11)}m_{111}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(20)}m_{030}^{(21)} + m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{120}^{(21)} - m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{021}^{(20)} + m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(11)}m_{201}^{(21)} - m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(11)}m_{111}^{(20)}\\
&+m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{120}^{(21)} - m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{030}^{(20)} - m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{210}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{120}^{(20)} - 2m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(10)}m_{021}^{(10)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(11)}m_{111}^{(10)}\\
&+2m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(20)}m_{030}^{(10)} - 2m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(21)}m_{120}^{(10)} + m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(00)}m_{021}^{(20)}\\
&-3m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(10)}m_{111}^{(20)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(11)}m_{201}^{(20)} + m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(20)}m_{120}^{(20)}\\
&-m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(21)}m_{210}^{(20)} - m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(00)}m_{030}^{(20)} - m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(00)}m_{021}^{(10)}\\
&+2m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{120}^{(20)} + 4m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{111}^{(10)} - m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(11)}m_{210}^{(20)}\\
&-3m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(11)}m_{201}^{(10)} - 2m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(20)}m_{120}^{(10)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(21)}m_{210}^{(10)}\\
&+m_{100}^{(20)}m_{010}^{(22)}m_{002}^{(00)}m_{030}^{(10)} - 2m_{100}^{(20)}m_{010}^{(22)}m_{002}^{(10)}m_{120}^{(10)} + m_{100}^{(20)}m_{010}^{(22)}m_{002}^{(11)}m_{210}^{(10)}
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\begin{aligned}
&+m_{100}^{(20)}m_{001}^{(00)}m_{110}^{(11)}m_{012}^{(21)} - m_{100}^{(20)}m_{001}^{(00)}m_{110}^{(11)}m_{003}^{(11)} - 2m_{100}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{021}^{(21)}\\
&+2m_{100}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(11)} + m_{100}^{(20)}m_{001}^{(00)}m_{110}^{(22)}m_{030}^{(21)} - m_{100}^{(20)}m_{001}^{(00)}m_{110}^{(22)}m_{021}^{(11)}\\
&+m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(10)}m_{012}^{(21)} - 2m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(11)}m_{102}^{(21)} + m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(11)}m_{003}^{(10)}\\
&-m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(20)}m_{021}^{(21)} + 3m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{111}^{(21)} - 2m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{012}^{(10)}\\
&-m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(22)}m_{120}^{(21)} + m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(22)}m_{021}^{(10)} - m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{021}^{(21)}\\
&-m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(11)} + m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{111}^{(21)} + 2m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{102}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{012}^{(10)} + m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(20)}m_{030}^{(21)} + m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{120}^{(21)} - 3m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(11)} + 2m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{021}^{(10)}\\
&+m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(22)}m_{120}^{(11)} - m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(22)}m_{030}^{(10)} + m_{100}^{(20)}m_{001}^{(00)}m_{002}^{(10)}m_{021}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(00)}m_{002}^{(11)}m_{111}^{(11)} - m_{100}^{(20)}m_{001}^{(00)}m_{002}^{(20)}m_{030}^{(11)} + m_{100}^{(20)}m_{001}^{(00)}m_{002}^{(21)}m_{120}^{(11)}\\
&+m_{100}^{(20)}m_{001}^{(10)}m_{200}^{(11)}m_{003}^{(11)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(11)} + m_{100}^{(20)}m_{001}^{(10)}m_{200}^{(22)}m_{021}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(21)} + m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{003}^{(11)} - m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(11)}m_{012}^{(20)}\\
&-m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(11)}m_{003}^{(10)} + m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(21)} - m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(11)}\\
&+m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(21)} - m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(11)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{021}^{(20)}\\
&+2m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(10)} - m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{120}^{(21)} + m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{030}^{(20)} - m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{021}^{(10)} - m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(11)}m_{101}^{(11)}m_{102}\\
&+m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{012}^{(10)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(11)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(10)}\\
&-m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(22)}m_{120}^{(11)} + m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(22)}m_{030}^{(10)} - m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(00)}m_{012}^{(21)}\\
&+2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(21)} - m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{012}^{(20)} - m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{003}^{(10)}\\
&+2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(11)}m_{102}^{(20)} + m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{021}^{(20)} + m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{012}^{(10)}\\
&-2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{201}^{(21)} - 3m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{111}^{(20)} + m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{102}^{(10)}\\
&+m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(22)}m_{210}^{(21)} + m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(22)}m_{120}^{(20)} - m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(22)}m_{111}^{(10)}\\
&+m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(00)}m_{021}^{(21)} + m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(00)}m_{012}^{(11)} - m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(21)}\\
&-2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(11)} + m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{021}^{(20)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{012}^{(10)}\\
&-m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{111}^{(20)} - m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{102}^{(10)} - m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(21)}\\
&-m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{030}^{(20)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{021}^{(10)} + m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{210}^{(21)}\\
&+2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(11)} + m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{120}^{(20)} - m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(22)}m_{210}^{(11)}\\
&+m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(22)}m_{120}^{(10)} - m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(00)}m_{021}^{(11)} + m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{021}^{(10)} + m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(11)}m_{111}^{(10)} + m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(11)}\\
&+m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(20)}m_{030}^{(10)} - m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(21)}m_{210}^{(11)} - m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(21)}m_{120}^{(10)}\\
&-m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(10)}m_{003}^{(11)} + m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(11)} + m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(22)}m_{111}^{(11)} + m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(10)}m_{012}^{(20)} + m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(10)}m_{003}^{(10)}\\
&-m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{021}^{(20)} - m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{012}^{(10)} - m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{111}^{(20)}\\
&-m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{102}^{(10)} + m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(22)}m_{120}^{(20)} + m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(22)}m_{111}^{(10)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(11)} - m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{012}^{(10)} - m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(11)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{021}^{(10)} - m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(11)} + m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(10)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(22)}m_{210}^{(11)} - m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(22)}m_{120}^{(10)} + m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(00)}m_{012}^{(20)}\\
&-2m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(10)}m_{102}^{(20)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(21)}m_{201}^{(20)} - m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(22)}m_{210}^{(20)}
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&-m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(00)}m_{021}^{(20)} - m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(00)}m_{012}^{(10)} + m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{111}^{(20)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{102}^{(10)} + m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{120}^{(20)} + m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(10)}\\
&-m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(21)}m_{210}^{(20)} - m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(21)}m_{201}^{(10)} + m_{100}^{(20)}m_{001}^{(11)}m_{001}^{(00)}m_{002}^{(10)}m_{021}^{(10)}\\
&-m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(10)}m_{111}^{(10)} - m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(20)}m_{120}^{(10)} + m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(21)}m_{210}^{(10)}\\
&-m_{100}^{(20)}m_{001}^{(20)}m_{200}^{(11)}m_{012}^{(11)} + 2m_{100}^{(20)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(11)} - m_{100}^{(20)}m_{001}^{(20)}m_{200}^{(22)}m_{030}^{(11)}\\
&+m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(21)} - m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(11)} - m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(21)}\\
&+2m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{102}^{(11)} + m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{012}^{(10)} - m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(20)}m_{030}^{(21)}\\
&+m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(11)} + m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(21)} - 3m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(11)}\\
&-2m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(10)} + m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(22)}m_{120}^{(11)} + m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(22)}m_{030}^{(10)}\\
&+m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(00)}m_{021}^{(21)} - 3m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(21)} + m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{012}^{(10)}\\
&+2m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(21)} - 2m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(11)}m_{102}^{(10)} + m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{120}^{(21)}\\
&-m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{021}^{(10)} - m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{210}^{(21)} + 3m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(10)}\\
&-m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(22)}m_{120}^{(10)} - m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(00)}m_{030}^{(21)} - m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(00)}m_{021}^{(11)}\\
&+2m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(21)} + 3m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(11)} - m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{021}^{(10)}\\
&-m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(21)} - 2m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{201}^{(11)} + m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{111}^{(10)}\\
&-m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(11)} + m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(20)}m_{030}^{(10)} + m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(10)} + m_{100}^{(20)}m_{001}^{(20)}m_{002}^{(00)}m_{030}^{(11)} - 2m_{100}^{(20)}m_{001}^{(20)}m_{002}^{(10)}m_{120}^{(11)}\\
&+m_{100}^{(20)}m_{001}^{(20)}m_{002}^{(11)}m_{210}^{(11)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(11)} - m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{102}^{(11)}\\
&-2m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(11)} + m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(22)}m_{120}^{(11)} - m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{021}^{(20)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{012}^{(10)} + m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{111}^{(20)}\\
&+m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{102}^{(10)} + m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(11)} + m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{030}^{(20)}\\
&+2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{021}^{(10)} + m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(11)} - m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{120}^{(20)}\\
&-m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(11)} - m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(22)}m_{120}^{(10)} - m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(11)}\\
&+m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(10)} + m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(11)} - m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{111}^{(10)}\\
&+m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(11)} - m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(20)}m_{030}^{(10)} - m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(11)}\\
&+m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(10)} - m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{021}^{(20)} + 3m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{111}^{(20)}\\
&+m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{102}^{(10)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(11)}m_{201}^{(20)} - m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{120}^{(20)}\\
&-m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{111}^{(10)} + m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{210}^{(20)} - m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{201}^{(10)}\\
&+m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(22)}m_{210}^{(10)} + m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{030}^{(20)} + m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{021}^{(10)}\\
&-2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{120}^{(20)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(10)} + m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{210}^{(20)}\\
&+m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{201}^{(10)} - m_{100}^{(20)}m_{001}^{(21)}m_{001}^{(00)}m_{002}^{(10)}m_{030}^{(10)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{002}^{(10)}m_{120}^{(10)}\\
&-m_{100}^{(20)}m_{001}^{(21)}m_{002}^{(11)}m_{210}^{(10)} - m_{100}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(11)} + m_{100}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(10)}\\
&+m_{100}^{(20)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(11)} - m_{100}^{(20)}m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(11)} + m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(11)}\\
&+m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{021}^{(11)} - m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(20)}m_{111}^{(10)} - m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(21)}m_{111}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(10)} - m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(20)}m_{030}^{(10)} + m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(11)}\\
&+m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(21)}m_{120}^{(10)} - m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{111}^{(10)} + m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(11)}m_{201}^{(10)}\\
&+m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(20)}m_{120}^{(10)} - m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(21)}m_{210}^{(10)} - 2(m_{100}^{(21)})^2m_{110}^{(00)}m_{021}^{(22)}\\
&-2(m_{100}^{(21)})^2m_{110}^{(00)}m_{012}^{(21)} + 3(m_{100}^{(21)})^2m_{110}^{(10)}m_{111}^{(22)} + (m_{100}^{(21)})^2m_{110}^{(10)}m_{102}^{(21)}
\end{aligned}
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\begin{aligned}
&-(m_{100}^{(21)})^2 m_{110}^{(11)} m_{201}^{(22)} + (m_{100}^{(21)})^2 m_{110}^{(20)} m_{120}^{(22)} + 3(m_{100}^{(21)})^2 m_{110}^{(20)} m_{111}^{(21)} \\
&-(m_{100}^{(21)})^2 m_{110}^{(21)} m_{210}^{(22)} - (m_{100}^{(21)})^2 m_{110}^{(21)} m_{201}^{(21)} - (m_{100}^{(21)})^2 m_{110}^{(22)} m_{210}^{(21)} \\
&+2(m_{100}^{(21)})^2 m_{101}^{(00)} m_{021}^{(21)} + 2(m_{100}^{(21)})^2 m_{101}^{(00)} m_{012}^{(11)} - 3(m_{100}^{(21)})^2 m_{101}^{(10)} m_{111}^{(21)} \\
&-(m_{100}^{(21)})^2 m_{101}^{(10)} m_{102}^{(11)} + (m_{100}^{(21)})^2 m_{101}^{(11)} m_{201}^{(21)} - (m_{100}^{(21)})^2 m_{101}^{(20)} m_{120}^{(21)} \\
&-3(m_{100}^{(21)})^2 m_{101}^{(20)} m_{111}^{(11)} + (m_{100}^{(21)})^2 m_{101}^{(21)} m_{210}^{(21)} + (m_{100}^{(21)})^2 m_{101}^{(21)} m_{201}^{(11)} \\
&+(m_{100}^{(21)})^2 m_{101}^{(22)} m_{210}^{(11)} + (m_{100}^{(21)})^2 m_{020}^{(00)} m_{111}^{(22)} + (m_{100}^{(21)})^2 m_{020}^{(00)} m_{102}^{(21)} \\
&-(m_{100}^{(21)})^2 m_{020}^{(10)} m_{201}^{(22)} - (m_{100}^{(21)})^2 m_{020}^{(20)} m_{210}^{(22)} - 2(m_{100}^{(21)})^2 m_{020}^{(20)} m_{201}^{(21)} \\
&+(m_{100}^{(21)})^2 m_{020}^{(21)} m_{300}^{(22)} + (m_{100}^{(21)})^2 m_{020}^{(22)} m_{300}^{(21)} + (m_{100}^{(21)})^2 m_{011}^{(00)} m_{120}^{(22)} \\
&-(m_{100}^{(21)})^2 m_{011}^{(00)} m_{102}^{(11)} - 2(m_{100}^{(21)})^2 m_{011}^{(10)} m_{210}^{(22)} + (m_{100}^{(21)})^2 m_{011}^{(11)} m_{300}^{(22)} \\
&+2(m_{100}^{(21)})^2 m_{011}^{(20)} m_{201}^{(11)} - (m_{100}^{(21)})^2 m_{011}^{(22)} m_{300}^{(11)} - (m_{100}^{(21)})^2 m_{002}^{(00)} m_{120}^{(21)} \\
&-(m_{100}^{(21)})^2 m_{002}^{(00)} m_{111}^{(11)} + 2(m_{100}^{(21)})^2 m_{002}^{(10)} m_{210}^{(21)} + (m_{100}^{(21)})^2 m_{002}^{(10)} m_{201}^{(11)} \\
&-(m_{100}^{(21)})^2 m_{002}^{(11)} m_{300}^{(21)} + (m_{100}^{(21)})^2 m_{002}^{(20)} m_{210}^{(11)} - (m_{100}^{(21)})^2 m_{002}^{(21)} m_{300}^{(11)} \\
&+m_{100}^{(21)} m_{100}^{(22)} m_{110}^{(00)} m_{030}^{(22)} + 3m_{100}^{(21)} m_{100}^{(22)} m_{110}^{(00)} m_{021}^{(21)} - 2m_{100}^{(21)} m_{100}^{(22)} m_{110}^{(10)} m_{120}^{(22)} \\
&-4m_{100}^{(21)} m_{100}^{(22)} m_{110}^{(10)} m_{111}^{(21)} + m_{100}^{(21)} m_{100}^{(22)} m_{110}^{(11)} m_{210}^{(22)} + m_{100}^{(21)} m_{100}^{(22)} m_{110}^{(11)} m_{201}^{(21)} \\
&-2m_{100}^{(21)} m_{100}^{(22)} m_{110}^{(20)} m_{120}^{(21)} + 2m_{100}^{(21)} m_{100}^{(22)} m_{110}^{(21)} m_{210}^{(21)} - m_{100}^{(21)} m_{100}^{(22)} m_{101}^{(00)} m_{030}^{(21)} \\
&-3m_{100}^{(21)} m_{100}^{(22)} m_{101}^{(00)} m_{021}^{(11)} + 2m_{100}^{(21)} m_{100}^{(22)} m_{101}^{(10)} m_{120}^{(21)} + 4m_{100}^{(21)} m_{100}^{(22)} m_{101}^{(10)} m_{111}^{(11)} \\
&-m_{100}^{(21)} m_{100}^{(22)} m_{101}^{(11)} m_{210}^{(21)} - m_{100}^{(21)} m_{100}^{(22)} m_{101}^{(11)} m_{201}^{(11)} + 2m_{100}^{(21)} m_{100}^{(22)} m_{101}^{(20)} m_{120}^{(11)} \\
&-2m_{100}^{(21)} m_{100}^{(22)} m_{101}^{(21)} m_{210}^{(11)} - m_{100}^{(21)} m_{100}^{(22)} m_{020}^{(00)} m_{120}^{(22)} - 2m_{100}^{(21)} m_{100}^{(22)} m_{020}^{(00)} m_{111}^{(21)} \\
&+2m_{100}^{(21)} m_{100}^{(22)} m_{020}^{(10)} m_{210}^{(22)} + 2m_{100}^{(21)} m_{100}^{(22)} m_{020}^{(10)} m_{201}^{(21)} - m_{100}^{(21)} m_{100}^{(22)} m_{020}^{(11)} m_{300}^{(22)} \\
&+2m_{100}^{(21)} m_{100}^{(22)} m_{020}^{(20)} m_{210}^{(21)} - 2m_{100}^{(21)} m_{100}^{(22)} m_{020}^{(21)} m_{300}^{(21)} + 2m_{100}^{(21)} m_{100}^{(22)} m_{011}^{(00)} m_{111}^{(11)} \\
&-2m_{100}^{(21)} m_{100}^{(22)} m_{011}^{(10)} m_{201}^{(11)} - 2m_{100}^{(21)} m_{100}^{(22)} m_{011}^{(20)} m_{210}^{(11)} + 2m_{100}^{(21)} m_{100}^{(22)} m_{011}^{(21)} m_{300}^{(11)} \\
&+m_{100}^{(21)} m_{100}^{(22)} m_{002}^{(00)} m_{120}^{(11)} - 2m_{100}^{(21)} m_{100}^{(22)} m_{002}^{(10)} m_{210}^{(11)} + m_{100}^{(21)} m_{100}^{(22)} m_{002}^{(11)} m_{300}^{(11)} \\
&+m_{100}^{(21)} m_{010}^{(00)} m_{110}^{(10)} m_{012}^{(22)} - m_{100}^{(21)} m_{010}^{(00)} m_{110}^{(10)} m_{003}^{(21)} - m_{100}^{(21)} m_{010}^{(00)} m_{110}^{(20)} m_{021}^{(22)} \\
&+m_{100}^{(21)} m_{010}^{(00)} m_{110}^{(20)} m_{012}^{(21)} - m_{100}^{(21)} m_{010}^{(00)} m_{110}^{(21)} m_{111}^{(22)} + m_{100}^{(21)} m_{010}^{(00)} m_{110}^{(21)} m_{102}^{(21)} \\
&+m_{100}^{(21)} m_{010}^{(00)} m_{110}^{(22)} m_{120}^{(22)} - m_{100}^{(21)} m_{010}^{(00)} m_{110}^{(22)} m_{111}^{(21)} + m_{100}^{(21)} m_{010}^{(00)} m_{101}^{(10)} m_{021}^{(22)} \\
&-m_{100}^{(21)} m_{010}^{(00)} m_{101}^{(10)} m_{012}^{(21)} - m_{100}^{(21)} m_{010}^{(00)} m_{101}^{(11)} m_{111}^{(22)} + m_{100}^{(21)} m_{010}^{(00)} m_{101}^{(11)} m_{102}^{(21)} \\
&-m_{100}^{(21)} m_{010}^{(00)} m_{101}^{(20)} m_{030}^{(22)} + m_{100}^{(21)} m_{010}^{(00)} m_{101}^{(20)} m_{021}^{(21)} + m_{100}^{(21)} m_{010}^{(00)} m_{101}^{(21)} m_{120}^{(22)} \\
&-m_{100}^{(21)} m_{010}^{(00)} m_{101}^{(21)} m_{111}^{(21)} - m_{100}^{(21)} m_{010}^{(00)} m_{020}^{(10)} m_{102}^{(22)} + m_{100}^{(21)} m_{010}^{(00)} m_{020}^{(20)} m_{111}^{(22)} \\
&+m_{100}^{(21)} m_{010}^{(00)} m_{020}^{(21)} m_{201}^{(22)} - m_{100}^{(21)} m_{010}^{(00)} m_{020}^{(22)} m_{210}^{(22)} - m_{100}^{(21)} m_{010}^{(00)} m_{011}^{(10)} m_{111}^{(22)} \\
&+m_{100}^{(21)} m_{010}^{(00)} m_{011}^{(10)} m_{102}^{(21)} + m_{100}^{(21)} m_{010}^{(00)} m_{011}^{(10)} m_{012}^{(20)} + m_{100}^{(21)} m_{010}^{(00)} m_{011}^{(10)} m_{003}^{(10)} \\
&+m_{100}^{(21)} m_{010}^{(00)} m_{011}^{(11)} m_{201}^{(22)} - m_{100}^{(21)} m_{010}^{(00)} m_{011}^{(11)} m_{102}^{(20)} + m_{100}^{(21)} m_{010}^{(00)} m_{011}^{(20)} m_{120}^{(22)} \\
&-m_{100}^{(21)} m_{010}^{(00)} m_{011}^{(20)} m_{111}^{(21)} - m_{100}^{(21)} m_{010}^{(00)} m_{011}^{(20)} m_{021}^{(20)} - m_{100}^{(21)} m_{010}^{(00)} m_{011}^{(20)} m_{012}^{(10)} \\
&-m_{100}^{(21)} m_{010}^{(00)} m_{011}^{(21)} m_{210}^{(22)} - m_{100}^{(21)} m_{010}^{(00)} m_{011}^{(21)} m_{201}^{(21)} + m_{100}^{(21)} m_{010}^{(00)} m_{011}^{(21)} m_{111}^{(20)} \\
&-m_{100}^{(21)} m_{010}^{(00)} m_{011}^{(21)} m_{102}^{(10)} + m_{100}^{(21)} m_{010}^{(00)} m_{011}^{(22)} m_{210}^{(21)} + m_{100}^{(21)} m_{010}^{(00)} m_{011}^{(22)} m_{111}^{(10)} \\
&+m_{100}^{(21)} m_{010}^{(00)} m_{002}^{(10)} m_{111}^{(21)} - m_{100}^{(21)} m_{010}^{(00)} m_{002}^{(10)} m_{021}^{(20)} - m_{100}^{(21)} m_{010}^{(00)} m_{002}^{(10)} m_{012}^{(10)} \\
&-m_{100}^{(21)} m_{010}^{(00)} m_{002}^{(11)} m_{201}^{(21)} + m_{100}^{(21)} m_{010}^{(00)} m_{002}^{(11)} m_{111}^{(20)} - m_{100}^{(21)} m_{010}^{(00)} m_{002}^{(20)} m_{120}^{(21)} \\
&+m_{100}^{(21)} m_{010}^{(00)} m_{002}^{(20)} m_{030}^{(20)} + m_{100}^{(21)} m_{010}^{(00)} m_{002}^{(20)} m_{021}^{(10)} + m_{100}^{(21)} m_{010}^{(00)} m_{002}^{(21)} m_{210}^{(21)} \\
&-m_{100}^{(21)} m_{010}^{(00)} m_{002}^{(21)} m_{120}^{(20)} + m_{100}^{(21)} m_{010}^{(00)} m_{002}^{(21)} m_{111}^{(10)} - m_{100}^{(21)} m_{010}^{(00)} m_{002}^{(22)} m_{120}^{(10)}
\end{aligned}
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\begin{aligned}
&+m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(10)}m_{012}^{(22)} + m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(10)}m_{003}^{(21)} - m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(11)}m_{102}^{(22)}\\
&-m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(20)}m_{021}^{(22)} - m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(20)}m_{012}^{(21)} + m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(21)}m_{111}^{(22)}\\
&-m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(21)}m_{102}^{(21)} + m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(22)}m_{111}^{(21)} - m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(00)}m_{012}^{(22)}\\
&+m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(00)}m_{003}^{(21)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{111}^{(22)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{102}^{(21)}\\
&-m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(22)}m_{210}^{(22)} + m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(22)}m_{201}^{(21)} - m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(00)}m_{021}^{(22)}\\
&+m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(00)}m_{012}^{(21)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(10)}m_{102}^{(21)} - m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(10)}m_{012}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(10)}m_{003}^{(10)} + m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(11)}m_{201}^{(22)} + m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(11)}m_{102}^{(20)}\\
&+2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{120}^{(22)} + m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{021}^{(20)} + m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{012}^{(10)}\\
&-2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{210}^{(22)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{201}^{(21)} - m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{102}^{(10)} - m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(22)}m_{210}^{(21)} - m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(22)}m_{111}^{(10)}\\
&+m_{100}^{(21)}m_{010}^{(10)}m_{020}^{(00)}m_{102}^{(22)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{020}^{(20)}m_{201}^{(22)} + m_{100}^{(21)}m_{010}^{(10)}m_{020}^{(22)}m_{300}^{(22)}\\
&+m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(00)}m_{111}^{(22)} - m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(00)}m_{102}^{(21)} - m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(00)}m_{012}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(00)}m_{003}^{(10)} - m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(10)}m_{201}^{(22)} + m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(10)}m_{102}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{210}^{(22)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{201}^{(21)} + m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{111}^{(20)}\\
&+2m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{102}^{(10)} + m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(21)}m_{300}^{(22)} - m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(21)}m_{201}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(22)}m_{300}^{(21)} - m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(22)}m_{201}^{(10)} - m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(00)}m_{111}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(00)}m_{021}^{(20)} + m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(00)}m_{012}^{(10)} + m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{201}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{102}^{(10)} - m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(11)}m_{201}^{(20)} + m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(20)}m_{210}^{(21)}\\
&-2m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(20)}m_{120}^{(20)} - 3m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(20)}m_{111}^{(10)} - m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(21)}m_{300}^{(21)}\\
&+2m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(21)}m_{210}^{(20)} - m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(21)}m_{201}^{(10)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(22)}m_{210}^{(10)}\\
&-m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(00)}m_{012}^{(22)} - m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(00)}m_{003}^{(21)} + m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(10)}m_{102}^{(22)}\\
&+m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(20)}m_{111}^{(22)} + 2m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(20)}m_{102}^{(21)} - m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(21)}m_{201}^{(22)}\\
&-m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(22)}m_{201}^{(21)} + m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(00)}m_{111}^{(22)} + m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(00)}m_{102}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(00)}m_{012}^{(20)} + m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(00)}m_{003}^{(10)} - m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(10)}m_{201}^{(22)}\\
&-m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(10)}m_{102}^{(20)} - m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{210}^{(22)} - 2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{201}^{(21)}\\
&-m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{111}^{(20)} - 2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{102}^{(10)} + m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(21)}m_{300}^{(22)}\\
&+m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(21)}m_{201}^{(20)} + m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(22)}m_{300}^{(21)} + m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(22)}m_{201}^{(10)}\\
&-m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(00)}m_{111}^{(20)} - m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(00)}m_{102}^{(10)} + m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(10)}m_{201}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(20)}m_{210}^{(20)} + 2m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(20)}m_{201}^{(10)} - m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(21)}m_{300}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(22)}m_{300}^{(10)} - m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(10)}m_{021}^{(22)} - m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(10)}m_{012}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(11)}m_{111}^{(22)} + m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(20)}m_{030}^{(22)} + m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(20)}m_{021}^{(21)}\\
&-m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{120}^{(22)} + m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{111}^{(21)} - m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(22)}m_{120}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(00)}m_{021}^{(22)} - m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(00)}m_{012}^{(21)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(10)}m_{102}^{(21)}\\
&-2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(10)}m_{012}^{(20)} - m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(11)}m_{201}^{(22)} + m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(11)}m_{102}^{(20)}\\
&-2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{120}^{(22)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{021}^{(20)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{210}^{(22)}\\
&-2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{201}^{(21)} + m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(22)}m_{210}^{(20)} - m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(22)}m_{120}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(00)}m_{030}^{(22)} - m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(00)}m_{021}^{(21)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{120}^{(22)}\\
&+2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{111}^{(21)} + m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{021}^{(20)} + 3m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{012}^{(10)}
\end{aligned}
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\begin{aligned}
&+m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(11)}m_{210}^{(22)} - m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(11)}m_{201}^{(21)} - m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(11)}m_{111}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(11)}m_{102}^{(10)} - m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{030}^{(20)} - 3m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{021}^{(10)}\\
&+m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{120}^{(20)} - m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(10)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(22)}m_{120}^{(10)}\\
&-m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(00)}m_{111}^{(22)} + m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(10)}m_{201}^{(22)} + m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(10)}m_{102}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(20)}m_{210}^{(22)} - m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(20)}m_{111}^{(20)} - m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(21)}m_{300}^{(22)}\\
&-m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(21)}m_{201}^{(20)} + m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(22)}m_{210}^{(20)} - m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{120}^{(22)}\\
&+m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{111}^{(21)} + m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{021}^{(20)} + m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{012}^{(10)}\\
&+2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{210}^{(22)} - m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{201}^{(21)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(20)}\\
&-3m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{102}^{(10)} - m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(11)}m_{300}^{(22)} + m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(11)}m_{201}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{210}^{(21)} + m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(10)} + m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(21)}m_{300}^{(21)}\\
&+3m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(21)}m_{201}^{(10)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(22)}m_{210}^{(10)} + m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(00)}m_{120}^{(21)}\\
&-m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(00)}m_{030}^{(20)} - m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(00)}m_{021}^{(10)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(10)}m_{210}^{(21)}\\
&+2m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(10)}m_{120}^{(20)} + m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(11)}m_{300}^{(21)} - m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(11)}m_{210}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(11)}m_{201}^{(10)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(20)}m_{120}^{(10)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(21)}m_{210}^{(10)}\\
&+2m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(00)}m_{021}^{(22)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(00)}m_{012}^{(21)} - 3m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(10)}m_{111}^{(22)}\\
&-m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(10)}m_{102}^{(21)} + m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(11)}m_{201}^{(22)} - m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{120}^{(22)}\\
&-3m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{111}^{(21)} + m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(21)}m_{210}^{(22)} + m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(21)}m_{201}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(22)}m_{210}^{(21)} - m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(00)}m_{111}^{(22)} - m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(00)}m_{102}^{(21)}\\
&+2m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(00)}m_{012}^{(20)} + m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(10)}m_{201}^{(22)} - m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(10)}m_{102}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(20)}m_{210}^{(22)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(20)}m_{201}^{(21)} - 3m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(21)}m_{300}^{(22)} + m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(21)}m_{201}^{(20)} - m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(22)}m_{300}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(22)}m_{210}^{(20)} - m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{120}^{(22)} - m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{111}^{(21)}\\
&-2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{021}^{(20)} - 4m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{012}^{(10)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{210}^{(22)}\\
&+m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{201}^{(21)} + 3m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(20)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{102}^{(10)}\\
&-m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(11)}m_{300}^{(22)} - m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(11)}m_{201}^{(20)} + m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{210}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(20)} + 6m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(10)} - m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(21)}m_{300}^{(21)}\\
&-m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(21)}m_{210}^{(20)} - 2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(21)}m_{201}^{(10)} - 2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(22)}m_{210}^{(10)}\\
&-m_{100}^{(21)}m_{010}^{(21)}m_{020}^{(00)}m_{102}^{(20)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{020}^{(20)}m_{201}^{(20)} - m_{100}^{(21)}m_{010}^{(21)}m_{020}^{(22)}m_{300}^{(20)}\\
&+2m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(00)}m_{102}^{(10)} - 4m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(10)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(22)}m_{300}^{(10)}\\
&+m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(00)}m_{120}^{(20)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(00)}m_{111}^{(10)} - 2m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(10)}m_{210}^{(20)}\\
&-2m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(10)}m_{201}^{(10)} + m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(11)}m_{300}^{(20)} - 2m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(20)}m_{210}^{(10)}\\
&+2m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(21)}m_{300}^{(10)} - m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(00)}m_{030}^{(22)} - m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(00)}m_{021}^{(20)}\\
&+2m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{120}^{(22)} + m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{111}^{(21)} - m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(11)}m_{210}^{(22)}\\
&+m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{120}^{(21)} - m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{210}^{(20)} + m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(00)}m_{120}^{(22)}\\
&+m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(00)}m_{111}^{(21)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(00)}m_{021}^{(20)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{210}^{(22)}\\
&-m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{201}^{(21)} + 3m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(20)} + m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(11)}m_{300}^{(22)}\\
&-m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(11)}m_{201}^{(20)} - m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{210}^{(21)} + m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{120}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(21)}m_{300}^{(21)} - m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(21)}m_{210}^{(20)} + m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(00)}m_{030}^{(20)}
\end{aligned}
$$

$$+3m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(00)}m_{021}^{(10)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{120}^{(20)} - 4m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(10)}$$
$$+m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(11)}m_{210}^{(20)} + m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(11)}m_{201}^{(10)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(10)}$$
$$+2m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(10)} + m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(00)}m_{111}^{(20)} - m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(10)}m_{201}^{(20)}$$
$$-m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(20)}m_{210}^{(20)} + m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(21)}m_{300}^{(20)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{111}^{(10)}$$
$$+2m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(10)}m_{201}^{(10)} + 2m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(10)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(21)}m_{300}^{(10)}$$
$$-m_{100}^{(21)}m_{010}^{(22)}m_{002}^{(00)}m_{120}^{(10)} + 2m_{100}^{(21)}m_{010}^{(22)}m_{002}^{(10)}m_{210}^{(10)} - m_{100}^{(21)}m_{010}^{(22)}m_{002}^{(11)}m_{300}^{(10)}$$
$$-m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(10)}m_{012}^{(21)} + m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(10)}m_{003}^{(11)} + m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{021}^{(21)}$$
$$-m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{012}^{(11)} + m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{111}^{(21)} - m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{102}^{(11)}$$
$$-m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(22)}m_{120}^{(21)} + m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(22)}m_{111}^{(11)} - m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(10)}m_{021}^{(21)}$$
$$+m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(10)}m_{012}^{(11)} + m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(11)}m_{111}^{(21)} - m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(11)}m_{102}^{(11)}$$
$$+m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(20)}m_{030}^{(21)} - m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(20)}m_{021}^{(11)} - m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{120}^{(21)}$$
$$+m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{111}^{(11)} + m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(10)}m_{102}^{(21)} - m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(10)}m_{012}^{(20)}$$
$$-m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(10)}m_{003}^{(10)} + m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(11)}m_{102}^{(20)} - m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(20)}m_{111}^{(21)}$$
$$+m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(20)}m_{021}^{(20)} + m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(20)}m_{012}^{(10)} - m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(21)}m_{201}^{(21)}$$
$$-m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(21)}m_{111}^{(20)} + m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(10)} + m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(22)}m_{210}^{(21)}$$
$$-m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(22)}m_{111}^{(10)} + m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(21)} - m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{102}^{(11)}$$
$$+m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{021}^{(20)} + m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(10)} - m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(11)}m_{201}^{(21)}$$
$$-m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(11)}m_{111}^{(20)} - m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{120}^{(21)} + m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(11)}$$
$$-m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{030}^{(20)} - m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(10)} + m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{210}^{(21)}$$
$$+m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{201}^{(11)} + m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{120}^{(20)} - m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(10)}$$
$$-m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(22)}m_{210}^{(11)} + m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(22)}m_{120}^{(10)} - m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(10)}m_{111}^{(11)}$$
$$+m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(11)}m_{201}^{(11)} + m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(20)}m_{120}^{(11)} - m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(21)}m_{210}^{(11)}$$
$$-m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(10)}m_{012}^{(21)} - m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(10)}m_{003}^{(11)} + m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(11)}m_{102}^{(21)}$$
$$+m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{021}^{(21)} + m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{012}^{(11)} - m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{111}^{(21)}$$
$$+m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{102}^{(11)} - m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(22)}m_{111}^{(11)} + m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(00)}m_{012}^{(21)}$$
$$-m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(00)}m_{003}^{(11)} + 3m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(20)} + m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{003}^{(10)}$$
$$-2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(11)}m_{102}^{(20)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(21)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{102}^{(11)}$$
$$-3m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(20)} - m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(10)} + m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(20)}$$
$$-m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(10)} + m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(22)}m_{210}^{(21)} - m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(22)}m_{201}^{(11)}$$
$$+m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(22)}m_{120}^{(20)} + m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(10)} + m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{021}^{(21)}$$
$$-m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{012}^{(11)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{102}^{(11)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(10)}$$
$$-m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(11)}m_{201}^{(21)} + m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(11)}m_{102}^{(10)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{120}^{(21)}$$
$$+2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(10)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{210}^{(21)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{201}^{(11)}$$
$$+m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(22)}m_{210}^{(11)} - m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(22)}m_{120}^{(10)} - m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(00)}m_{102}^{(21)}$$
$$+m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(00)}m_{012}^{(20)} + m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(00)}m_{003}^{(10)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(20)}$$
$$+2m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(20)}m_{201}^{(21)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(10)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(21)}m_{201}^{(20)}$$
$$-m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(22)}m_{300}^{(21)} - m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(22)}m_{210}^{(20)} + m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(22)}m_{201}^{(10)}$$
$$-m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{111}^{(21)} + m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{102}^{(11)} - m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{021}^{(20)}$$

$$
\begin{aligned}
&-m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{012}^{(10)} + m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(21)} - m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(20)}\\
&+2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(11)}m_{201}^{(20)} + m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(21)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(11)}\\
&+3m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(20)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(10)} - m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{300}^{(21)}\\
&-3m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{210}^{(20)} + m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(22)}m_{300}^{(11)} - m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(22)}m_{210}^{(10)}\\
&+m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(00)}m_{111}^{(11)} - m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{201}^{(11)} + m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(10)}\\
&-m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(11)}m_{201}^{(10)} - m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(20)}m_{210}^{(11)} - m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(10)}\\
&+m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(21)}m_{300}^{(11)} + m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(21)}m_{210}^{(10)} + m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(00)}m_{012}^{(21)}\\
&+m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(00)}m_{003}^{(11)} - m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{102}^{(21)} - m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{111}^{(21)}\\
&-2m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{102}^{(11)} + m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{201}^{(21)} + m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(22)}m_{201}^{(11)}\\
&-3m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(00)}m_{012}^{(20)} - m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(00)}m_{003}^{(10)} + 2m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(20)}\\
&+4m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(20)} + 2m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(10)} - 2m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(21)}m_{201}^{(20)}\\
&-m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(22)}m_{210}^{(20)} - m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(22)}m_{201}^{(10)} - m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{111}^{(21)}\\
&-m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{102}^{(11)} + 2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{012}^{(10)} + m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(21)}\\
&-m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(10)} + m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{210}^{(21)} + 2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{201}^{(11)}\\
&-3m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(10)} - m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{300}^{(21)} + m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(10)}\\
&-m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(22)}m_{300}^{(11)} + m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(22)}m_{210}^{(10)} + m_{100}^{(21)}m_{001}^{(11)}m_{020}^{(00)}m_{102}^{(20)}\\
&-2m_{100}^{(21)}m_{001}^{(11)}m_{020}^{(20)}m_{201}^{(20)} + m_{100}^{(21)}m_{001}^{(11)}m_{020}^{(22)}m_{300}^{(20)} + 2m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(00)}m_{111}^{(20)}\\
&-2m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(20)} - 2m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(20)}m_{210}^{(20)} + 2m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(21)}m_{300}^{(20)}\\
&-m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(00)}m_{111}^{(10)} + m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(10)}m_{201}^{(10)} + m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(10)}\\
&-m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(21)}m_{300}^{(10)} + m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(21)} + m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{012}^{(11)}\\
&-m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{111}^{(21)} - m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{030}^{(21)} - m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{021}^{(11)}\\
&+m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{120}^{(21)} - m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{111}^{(11)} + m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(22)}m_{120}^{(11)}\\
&-m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{021}^{(21)} + m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{012}^{(11)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{102}^{(11)}\\
&-m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(20)} - m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(10)} + m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{201}^{(21)}\\
&+m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(20)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(21)} + m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{030}^{(20)}\\
&+m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(10)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(21)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{201}^{(11)}\\
&-m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(20)} + m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(10)} - m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(22)}m_{210}^{(11)}\\
&-m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(22)}m_{120}^{(10)} - m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(00)}m_{030}^{(21)} + m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(00)}m_{021}^{(11)}\\
&+2m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(21)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(11)} - m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{210}^{(21)}\\
&+m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{201}^{(11)} + m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(21)} - m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{021}^{(20)}\\
&-m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{012}^{(10)} - m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(21)} + 3m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(20)}\\
&+2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(10)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(20)} - m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(21)}\\
&-m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{120}^{(20)} + m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(21)}m_{300}^{(21)} + m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(21)}m_{210}^{(20)}\\
&-2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(10)} + m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(22)}m_{210}^{(10)} + m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(21)}\\
&-m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{111}^{(11)} + m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{030}^{(20)} + m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{021}^{(10)}\\
&-2m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(21)} + m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(11)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(10)}\\
&-m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(10)} + m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(11)}m_{300}^{(21)} + m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(20)}\\
&+m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(11)} - m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(10)} - m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(21)}m_{300}^{(11)}
\end{aligned}
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\begin{aligned}
&+m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(10)} - m_{100}^{(21)}m_{001}^{(20)}m_{002}^{(00)}m_{120}^{(11)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{002}^{(10)}m_{210}^{(11)}\\
&-m_{100}^{(21)}m_{001}^{(20)}m_{002}^{(11)}m_{300}^{(11)} - 2m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(21)} - 2m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{012}^{(11)}\\
&+3m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(21)} + m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{102}^{(11)} - m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(11)}m_{201}^{(21)}\\
&+m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{120}^{(21)} + 3m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(11)} - m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{210}^{(21)}\\
&-m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{201}^{(11)} - m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(22)}m_{210}^{(11)} + m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(21)}\\
&+m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{102}^{(11)} + 4m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{021}^{(20)} + 2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{012}^{(10)}\\
&-m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(21)} - 6m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(20)} - m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(10)}\\
&+2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(20)} - m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(21)} - 2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(11)}\\
&-2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(20)} - 3m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(10)} + m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{300}^{(21)}\\
&+2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(20)} + m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(10)} + m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(22)}m_{300}^{(11)}\\
&+m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(10)} + m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(21)} + m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(11)}\\
&-2m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{021}^{(10)} - 2m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(21)} - m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{201}^{(11)}\\
&+3m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(10)} + m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(11)}m_{300}^{(21)} - m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(10)}\\
&-m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(11)} + m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(10)} + m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(21)}m_{300}^{(11)}\\
&-m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(10)} - 2m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(20)} - m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(00)}m_{102}^{(10)}\\
&+2m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(20)} + 2m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(20)} + 2m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(10)}\\
&-2m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(21)}m_{300}^{(20)} - m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(22)}m_{300}^{(10)} - 2m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{120}^{(20)}\\
&+4m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(20)} - 2m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(11)}m_{300}^{(20)} + m_{100}^{(21)}m_{001}^{(21)}m_{002}^{(00)}m_{120}^{(10)}\\
&-2m_{100}^{(21)}m_{001}^{(21)}m_{002}^{(10)}m_{210}^{(10)} + m_{100}^{(21)}m_{001}^{(21)}m_{002}^{(11)}m_{300}^{(10)} + m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(21)}\\
&+m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(00)}m_{021}^{(11)} - 2m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(21)} - m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{111}^{(11)}\\
&+m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{210}^{(21)} - m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(20)}m_{120}^{(11)} + m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(21)}m_{210}^{(11)}\\
&-m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(21)} - m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{111}^{(11)} - m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{030}^{(20)}\\
&-m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{021}^{(10)} + 2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(21)} + m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{201}^{(11)}\\
&+2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(20)} + m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(10)} - m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(11)}m_{300}^{(21)}\\
&-m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(20)} + m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(20)}m_{210}^{(11)} + m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(10)}\\
&-m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(21)}m_{300}^{(11)} - m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(10)} + m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{120}^{(20)}\\
&+m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(10)} - 2m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(20)} - m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(10)}\\
&+m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(20)} - m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(10)} + m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(10)}\\
&-(m_{100}^{(22)})^2m_{110}^{(00)}m_{030}^{(21)} + 2(m_{100}^{(22)})^2m_{110}^{(10)}m_{120}^{(21)} - (m_{100}^{(22)})^2m_{110}^{(11)}m_{210}^{(21)}\\
&+(m_{100}^{(22)})^2m_{101}^{(00)}m_{030}^{(11)} - 2(m_{100}^{(22)})^2m_{101}^{(10)}m_{120}^{(11)} + (m_{100}^{(22)})^2m_{101}^{(11)}m_{210}^{(11)}\\
&+(m_{100}^{(22)})^2m_{020}^{(00)}m_{120}^{(21)} - 2(m_{100}^{(22)})^2m_{020}^{(10)}m_{210}^{(21)} + (m_{100}^{(22)})^2m_{020}^{(11)}m_{300}^{(21)}\\
&-(m_{100}^{(22)})^2m_{011}^{(00)}m_{120}^{(11)} + 2(m_{100}^{(22)})^2m_{011}^{(10)}m_{210}^{(11)} - (m_{100}^{(22)})^2m_{011}^{(11)}m_{300}^{(11)}\\
&-m_{100}^{(22)}m_{010}^{(00)}m_{110}^{(10)}m_{021}^{(22)} + m_{100}^{(22)}m_{010}^{(00)}m_{110}^{(10)}m_{012}^{(21)} + m_{100}^{(22)}m_{010}^{(00)}m_{110}^{(11)}m_{111}^{(22)}\\
&-m_{100}^{(22)}m_{010}^{(00)}m_{110}^{(11)}m_{102}^{(21)} + m_{100}^{(22)}m_{010}^{(00)}m_{110}^{(20)}m_{030}^{(22)} - m_{100}^{(22)}m_{010}^{(00)}m_{110}^{(20)}m_{021}^{(21)}\\
&-m_{100}^{(22)}m_{010}^{(00)}m_{110}^{(21)}m_{120}^{(22)} + m_{100}^{(22)}m_{010}^{(00)}m_{110}^{(21)}m_{111}^{(21)} + m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(10)}m_{111}^{(22)}\\
&-m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(11)}m_{201}^{(22)} - m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(20)}m_{120}^{(22)} + m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(21)}m_{210}^{(22)}\\
&-m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(10)}m_{111}^{(21)} - m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(10)}m_{012}^{(10)} + m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(11)}m_{201}^{(21)}\\
&+m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(11)}m_{102}^{(10)} + m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(20)}m_{120}^{(21)} + m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(20)}m_{021}^{(10)}
\end{aligned}
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\begin{aligned}
&-m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(21)}m_{210}^{(21)} - m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(21)}m_{111}^{(10)} + m_{100}^{(22)}m_{010}^{(00)}m_{002}^{(10)}m_{021}^{(10)}\\
&-m_{100}^{(22)}m_{010}^{(00)}m_{002}^{(11)}m_{111}^{(10)} - m_{100}^{(22)}m_{010}^{(00)}m_{002}^{(20)}m_{030}^{(10)} + m_{100}^{(22)}m_{010}^{(00)}m_{002}^{(21)}m_{120}^{(10)}\\
&-m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(10)}m_{012}^{(21)} + m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(11)}m_{102}^{(21)} + m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(20)}m_{021}^{(21)}\\
&-m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(21)}m_{111}^{(21)} + m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(00)}m_{021}^{(22)} - m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(00)}m_{012}^{(21)}\\
&-m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(10)}m_{111}^{(22)} + m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(10)}m_{102}^{(21)} - m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(20)}m_{120}^{(22)}\\
&+m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(20)}m_{111}^{(21)} + m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(21)}m_{210}^{(22)} - m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(21)}m_{201}^{(21)}\\
&+m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(10)}m_{111}^{(21)} + m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(10)}m_{012}^{(10)} - m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(11)}m_{201}^{(21)}\\
&-m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(11)}m_{102}^{(10)} - m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(20)}m_{120}^{(21)} - m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(20)}m_{021}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(21)}m_{210}^{(21)} + m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(10)} - m_{100}^{(22)}m_{010}^{(10)}m_{020}^{(00)}m_{111}^{(22)}\\
&+m_{100}^{(22)}m_{010}^{(10)}m_{020}^{(10)}m_{201}^{(22)} + m_{100}^{(22)}m_{010}^{(10)}m_{020}^{(20)}m_{210}^{(22)} - m_{100}^{(22)}m_{010}^{(10)}m_{020}^{(21)}m_{300}^{(22)}\\
&+m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(00)}m_{111}^{(21)} + m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(00)}m_{012}^{(10)} - m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(10)}m_{201}^{(21)}\\
&-m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(10)}m_{102}^{(10)} - m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(20)}m_{210}^{(21)} - m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(20)}m_{111}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(21)}m_{300}^{(21)} + m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(21)}m_{201}^{(10)} - m_{100}^{(22)}m_{010}^{(10)}m_{002}^{(00)}m_{021}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(10)}m_{002}^{(11)}m_{201}^{(10)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{002}^{(20)}m_{120}^{(10)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{002}^{(21)}m_{210}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(00)}m_{012}^{(21)} - m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(10)}m_{102}^{(21)} - m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(20)}m_{111}^{(21)}\\
&+m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(21)}m_{201}^{(21)} - m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(00)}m_{111}^{(21)} - m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(00)}m_{012}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(10)}m_{201}^{(21)} + m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(10)}m_{102}^{(10)} + m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(20)}m_{210}^{(21)}\\
&+m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(20)}m_{111}^{(10)} - m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(21)}m_{300}^{(21)} - m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(21)}m_{201}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(11)}m_{002}^{(00)}m_{111}^{(10)} - m_{100}^{(22)}m_{010}^{(11)}m_{002}^{(10)}m_{201}^{(10)} - m_{100}^{(22)}m_{010}^{(11)}m_{002}^{(20)}m_{210}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(11)}m_{002}^{(21)}m_{300}^{(10)} + m_{100}^{(22)}m_{010}^{(20)}m_{200}^{(10)}m_{021}^{(21)} - m_{100}^{(22)}m_{010}^{(20)}m_{200}^{(11)}m_{111}^{(21)}\\
&-m_{100}^{(22)}m_{010}^{(20)}m_{200}^{(20)}m_{030}^{(21)} + m_{100}^{(22)}m_{010}^{(20)}m_{200}^{(21)}m_{120}^{(21)} - m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(00)}m_{030}^{(22)}\\
&+m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(00)}m_{021}^{(21)} + 2m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(10)}m_{120}^{(22)} - 3m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(10)}m_{111}^{(21)}\\
&+m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(10)}m_{021}^{(20)} - m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(11)}m_{210}^{(22)} + 2m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(11)}m_{201}^{(21)}\\
&-m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(11)}m_{111}^{(20)} + m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(20)}m_{120}^{(21)} - m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(20)}m_{030}^{(20)}\\
&-m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(21)}m_{210}^{(21)} + m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(21)}m_{120}^{(20)} - 2m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(10)}m_{021}^{(10)}\\
&+2m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(11)}m_{111}^{(10)} + 2m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(20)}m_{030}^{(10)} - 2m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(21)}m_{120}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(00)}m_{120}^{(22)} - 2m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(10)}m_{210}^{(22)} - m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(10)}m_{111}^{(20)}\\
&+m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(11)}m_{300}^{(22)} + m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(11)}m_{201}^{(20)} + m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(20)}m_{120}^{(20)}\\
&-m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(21)}m_{210}^{(20)} - m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(00)}m_{120}^{(21)} - m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(00)}m_{021}^{(10)}\\
&+2m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{210}^{(21)} + 4m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(10)} - m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(11)}m_{300}^{(21)}\\
&-3m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(11)}m_{201}^{(10)} - 2m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(20)}m_{120}^{(10)} + 2m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(21)}m_{210}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(20)}m_{002}^{(00)}m_{030}^{(10)} - 2m_{100}^{(22)}m_{010}^{(20)}m_{002}^{(10)}m_{120}^{(10)} + m_{100}^{(22)}m_{010}^{(20)}m_{002}^{(11)}m_{210}^{(10)}\\
&-2m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(00)}m_{021}^{(21)} + 3m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(10)}m_{111}^{(21)} - m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(11)}m_{201}^{(21)}\\
&+m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(20)}m_{120}^{(21)} - m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(21)}m_{210}^{(21)} + m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(00)}m_{111}^{(21)}\\
&-m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(00)}m_{021}^{(20)} - m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{201}^{(21)} + m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{111}^{(20)}\\
&-m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(20)}m_{210}^{(21)} + m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(20)}m_{120}^{(21)} + m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(21)}m_{300}^{(21)}\\
&-m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(21)}m_{210}^{(20)} + m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(00)}m_{120}^{(21)} + 3m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(00)}m_{021}^{(10)}\\
&-2m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(10)}m_{210}^{(21)} - 4m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(10)} + m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(11)}m_{300}^{(21)}
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\begin{aligned}
&+m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(11)}m_{201}^{(10)} - 2m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(10)} + 2m_{100}^{(22)}m_{010}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{210}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(00)}m_{111}^{(20)} - m_{100}^{(22)}m_{010}^{(21)}m_{010}^{(10)}m_{020}^{(20)}m_{201}^{(20)} - m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(20)}m_{210}^{(20)}\\
&+m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(21)}m_{300}^{(20)} - 2m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(00)}m_{111}^{(10)} + 2m_{100}^{(22)}m_{010}^{(21)}m_{010}^{(10)}m_{011}^{(10)}m_{201}^{(10)}\\
&+2m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(10)} - 2m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(21)}m_{300}^{(10)} - m_{100}^{(22)}m_{010}^{(21)}m_{002}^{(00)}m_{120}^{(10)}\\
&+2m_{100}^{(22)}m_{010}^{(21)}m_{002}^{(10)}m_{210}^{(10)} - m_{100}^{(22)}m_{010}^{(21)}m_{002}^{(11)}m_{300}^{(10)} + m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(00)}m_{030}^{(21)}\\
&-2m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(10)}m_{120}^{(21)} + m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(11)}m_{210}^{(21)} - m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(00)}m_{120}^{(21)}\\
&+m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(00)}m_{030}^{(20)} + 2m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(10)}m_{210}^{(21)} - 2m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(10)}m_{120}^{(20)}\\
&-m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(11)}m_{300}^{(21)} + m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(11)}m_{210}^{(20)} - 2m_{100}^{(22)}m_{010}^{(22)}m_{101}^{(00)}m_{030}^{(10)}\\
&+4m_{100}^{(22)}m_{010}^{(22)}m_{101}^{(10)}m_{120}^{(10)} - 2m_{100}^{(22)}m_{010}^{(22)}m_{101}^{(11)}m_{210}^{(10)} - m_{100}^{(22)}m_{010}^{(22)}m_{020}^{(00)}m_{120}^{(20)}\\
&+2m_{100}^{(22)}m_{010}^{(22)}m_{020}^{(10)}m_{210}^{(20)} - m_{100}^{(22)}m_{010}^{(22)}m_{020}^{(11)}m_{300}^{(20)} + 2m_{100}^{(22)}m_{010}^{(22)}m_{010}^{(00)}m_{011}^{(10)}m_{120}^{(10)}\\
&-4m_{100}^{(22)}m_{010}^{(22)}m_{011}^{(10)}m_{210}^{(10)} + 2m_{100}^{(22)}m_{010}^{(22)}m_{011}^{(11)}m_{300}^{(10)} + m_{100}^{(22)}m_{001}^{(00)}m_{110}^{(10)}m_{021}^{(21)}\\
&-m_{100}^{(22)}m_{001}^{(00)}m_{110}^{(10)}m_{012}^{(11)} - m_{100}^{(22)}m_{001}^{(00)}m_{110}^{(11)}m_{111}^{(21)} + m_{100}^{(22)}m_{001}^{(00)}m_{110}^{(11)}m_{102}^{(11)}\\
&-m_{100}^{(22)}m_{001}^{(00)}m_{110}^{(20)}m_{030}^{(21)} + m_{100}^{(22)}m_{001}^{(00)}m_{110}^{(20)}m_{021}^{(11)} + m_{100}^{(22)}m_{001}^{(00)}m_{110}^{(21)}m_{120}^{(21)}\\
&-m_{100}^{(22)}m_{001}^{(00)}m_{110}^{(21)}m_{111}^{(11)} - m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(10)}m_{111}^{(21)} + m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(10)}m_{012}^{(10)}\\
&+m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(11)}m_{201}^{(21)} - m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(11)}m_{102}^{(10)} + m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(20)}m_{120}^{(21)}\\
&-m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(20)}m_{021}^{(10)} - m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(21)}m_{210}^{(21)} + m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(21)}m_{111}^{(10)}\\
&+m_{100}^{(22)}m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(11)} - m_{100}^{(22)}m_{001}^{(00)}m_{011}^{(10)}m_{021}^{(10)} - m_{100}^{(22)}m_{001}^{(00)}m_{011}^{(11)}m_{201}^{(11)}\\
&+m_{100}^{(22)}m_{001}^{(00)}m_{011}^{(11)}m_{111}^{(10)} - m_{100}^{(22)}m_{001}^{(00)}m_{011}^{(20)}m_{120}^{(11)} + m_{100}^{(22)}m_{001}^{(00)}m_{011}^{(20)}m_{030}^{(10)}\\
&+m_{100}^{(22)}m_{001}^{(00)}m_{011}^{(21)}m_{210}^{(11)} - m_{100}^{(22)}m_{001}^{(00)}m_{011}^{(21)}m_{120}^{(10)} + m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(10)}m_{012}^{(11)}\\
&-m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(11)}m_{102}^{(11)} - m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(20)}m_{021}^{(11)} + m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(21)}m_{111}^{(11)}\\
&-m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(00)}m_{021}^{(21)} + m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(00)}m_{012}^{(11)} + m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{111}^{(21)}\\
&-m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(11)} - m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{021}^{(20)} - m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(10)}\\
&+m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(11)}m_{111}^{(20)} + m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(11)}m_{102}^{(10)} + m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(20)}m_{120}^{(21)}\\
&-m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(11)} + m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(20)}m_{030}^{(20)} + m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(10)}\\
&-m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(21)}m_{210}^{(21)} + m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(21)}m_{201}^{(11)} - m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(21)}m_{120}^{(20)}\\
&-m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(10)} - m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(11)} + m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(10)}\\
&+m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(11)}m_{201}^{(11)} - m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(10)} + m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(20)}m_{120}^{(11)}\\
&-m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(20)}m_{030}^{(10)} - m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(21)}m_{210}^{(11)} + m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(10)}\\
&+m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(00)}m_{111}^{(21)} - m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(00)}m_{012}^{(10)} - m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(10)}m_{201}^{(21)}\\
&+m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(10)}m_{111}^{(20)} + m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(10)} - m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(11)}m_{201}^{(20)}\\
&-m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(20)}m_{210}^{(21)} - m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(20)}m_{120}^{(20)} + m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(20)}m_{111}^{(10)}\\
&+m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(21)}m_{300}^{(21)} + m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(21)}m_{210}^{(20)} - m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(21)}m_{201}^{(10)}\\
&-m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(00)}m_{111}^{(11)} + m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(00)}m_{021}^{(10)} + m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(11)}\\
&-m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(10)} + m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(11)} - m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(10)}\\
&-m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(21)}m_{300}^{(11)} + m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(21)}m_{210}^{(10)} - m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(00)}m_{012}^{(11)}\\
&+m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(10)}m_{102}^{(11)} + m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(20)}m_{111}^{(11)} - m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(21)}m_{201}^{(11)}\\
&+m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(00)}m_{021}^{(20)} + m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(00)}m_{012}^{(10)} - m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(10)}m_{111}^{(20)}\\
&-m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(10)} - m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(20)}m_{120}^{(20)} - m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(10)}
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\begin{aligned}
&+m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(21)}m_{210}^{(20)} + m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(21)}m_{201}^{(10)} + m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(00)}m_{111}^{(11)}\\
&-m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(00)}m_{021}^{(10)} - m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(11)} + m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(10)}\\
&-m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(20)}m_{210}^{(11)} + m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(20)}m_{120}^{(10)} + m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(21)}m_{300}^{(11)}\\
&-m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(21)}m_{210}^{(10)} - m_{100}^{(22)}m_{001}^{(11)}m_{020}^{(00)}m_{111}^{(20)} + m_{100}^{(22)}m_{001}^{(11)}m_{020}^{(10)}m_{201}^{(20)}\\
&+m_{100}^{(22)}m_{001}^{(11)}m_{020}^{(20)}m_{210}^{(20)} - m_{100}^{(22)}m_{001}^{(11)}m_{020}^{(21)}m_{300}^{(20)} - m_{100}^{(22)}m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(11)}\\
&+m_{100}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{111}^{(11)} + m_{100}^{(22)}m_{001}^{(20)}m_{200}^{(20)}m_{030}^{(11)} - m_{100}^{(22)}m_{001}^{(20)}m_{200}^{(21)}m_{120}^{(11)}\\
&+m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(00)}m_{030}^{(21)} - m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(00)}m_{021}^{(11)} - 2m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{120}^{(21)}\\
&+3m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(11)} + m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(10)} + m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{210}^{(21)}\\
&-2m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{201}^{(11)} - m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(10)} - m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(11)}\\
&-m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(20)}m_{030}^{(10)} + m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(11)} + m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(10)}\\
&-m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{120}^{(21)} + m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{021}^{(10)} + 2m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{210}^{(21)}\\
&-3m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(10)} - m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(11)}m_{300}^{(21)} + 2m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(10)}\\
&+m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(20)}m_{120}^{(10)} - m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(21)}m_{210}^{(10)} + m_{100}^{(22)}m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(11)}\\
&-m_{100}^{(22)}m_{001}^{(20)}m_{011}^{(00)}m_{030}^{(10)} - 2m_{100}^{(22)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(11)} + 2m_{100}^{(22)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(10)}\\
&+m_{100}^{(22)}m_{001}^{(20)}m_{011}^{(11)}m_{300}^{(11)} - m_{100}^{(22)}m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(10)} + 2m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(11)}\\
&-3m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(11)} + m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{201}^{(11)} - m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(20)}m_{120}^{(11)}\\
&+m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(21)}m_{210}^{(11)} - m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(11)} - m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{030}^{(20)}\\
&-2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{021}^{(10)} + m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(11)} + 2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{120}^{(20)}\\
&+3m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(10)} - m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(11)}m_{210}^{(20)} - m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(10)}\\
&+m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(11)} + m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(10)} - m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(21)}m_{300}^{(11)}\\
&-m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(10)} - m_{100}^{(22)}m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(11)} + m_{100}^{(22)}m_{001}^{(21)}m_{101}^{(00)}m_{030}^{(10)}\\
&+2m_{100}^{(22)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(11)} - 2m_{100}^{(22)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(10)} - m_{100}^{(22)}m_{001}^{(21)}m_{101}^{(11)}m_{300}^{(11)}\\
&+m_{100}^{(22)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(10)} + m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{120}^{(20)} + m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(10)}\\
&-2m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(10)}m_{210}^{(20)} - m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(10)} + m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(11)}m_{300}^{(20)}\\
&-m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(10)} + m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(21)}m_{300}^{(10)} - m_{100}^{(22)}m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(11)}\\
&+2m_{100}^{(22)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(11)} - m_{100}^{(22)}m_{001}^{(22)}m_{200}^{(11)}m_{210}^{(11)} + m_{100}^{(22)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(11)}\\
&+m_{100}^{(22)}m_{001}^{(22)}m_{110}^{(00)}m_{030}^{(10)} - 2m_{100}^{(22)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(11)} - 2m_{100}^{(22)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(10)}\\
&+m_{100}^{(22)}m_{001}^{(22)}m_{110}^{(11)}m_{300}^{(11)} + m_{100}^{(22)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(10)} - m_{100}^{(22)}m_{001}^{(22)}m_{020}^{(00)}m_{120}^{(10)}\\
&+2m_{100}^{(22)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(10)} - m_{100}^{(22)}m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(10)} + (m_{010}^{(00)})^2m_{110}^{(11)}m_{003}^{(22)}\\
&-2(m_{010}^{(00)})^2m_{110}^{(21)}m_{012}^{(22)} + (m_{010}^{(00)})^2m_{110}^{(22)}m_{021}^{(22)} - (m_{010}^{(00)})^2m_{101}^{(11)}m_{012}^{(22)}\\
&+2(m_{010}^{(00)})^2m_{101}^{(21)}m_{021}^{(22)} - (m_{010}^{(00)})^2m_{101}^{(22)}m_{030}^{(22)} - (m_{010}^{(00)})^2m_{011}^{(11)}m_{003}^{(20)}\\
&+2(m_{010}^{(00)})^2m_{011}^{(21)}m_{012}^{(20)} - (m_{010}^{(00)})^2m_{011}^{(22)}m_{021}^{(20)} + (m_{010}^{(00)})^2m_{002}^{(11)}m_{012}^{(20)}\\
&-2(m_{010}^{(00)})^2m_{002}^{(21)}m_{021}^{(20)} + (m_{010}^{(00)})^2m_{002}^{(22)}m_{030}^{(20)} - m_{010}^{(00)}m_{010}^{(10)}m_{200}^{(11)}m_{003}^{(22)}\\
&+2m_{010}^{(00)}m_{010}^{(10)}m_{200}^{(21)}m_{012}^{(22)} - m_{010}^{(00)}m_{010}^{(10)}m_{200}^{(22)}m_{021}^{(22)} - 2m_{010}^{(00)}m_{010}^{(10)}m_{110}^{(10)}m_{003}^{(22)}\\
&+2m_{010}^{(00)}m_{010}^{(10)}m_{110}^{(20)}m_{012}^{(22)} + 2m_{010}^{(00)}m_{010}^{(10)}m_{110}^{(21)}m_{102}^{(22)} - 2m_{010}^{(00)}m_{010}^{(10)}m_{110}^{(22)}m_{111}^{(22)}\\
&+2m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(10)}m_{012}^{(22)} + m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(11)}m_{102}^{(22)} + m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(11)}m_{003}^{(20)}\\
&-2m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(20)}m_{021}^{(22)} - 4m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(22)} - 2m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(21)}m_{012}^{(20)}\\
&+3m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(22)}m_{120}^{(22)} + m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(22)}m_{021}^{(20)} + 2m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(10)}m_{003}^{(20)}
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&-2m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(20)}m_{012}^{(20)} - 2m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{102}^{(20)} + 2m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(22)}m_{111}^{(20)}\\
&-2m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(10)}m_{012}^{(20)} - m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(11)}m_{102}^{(20)} + 2m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(20)}m_{021}^{(20)}\\
&+4m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(21)}m_{111}^{(20)} - 3m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(22)}m_{120}^{(20)} + m_{010}^{(00)}m_{010}^{(11)}m_{200}^{(10)}m_{003}^{(22)}\\
&-m_{010}^{(00)}m_{010}^{(11)}m_{200}^{(20)}m_{012}^{(22)} - m_{010}^{(00)}m_{010}^{(11)}m_{200}^{(21)}m_{102}^{(22)} + m_{010}^{(00)}m_{010}^{(11)}m_{200}^{(22)}m_{111}^{(22)}\\
&-m_{010}^{(00)}m_{010}^{(11)}m_{101}^{(10)}m_{102}^{(22)} - m_{010}^{(00)}m_{010}^{(11)}m_{101}^{(10)}m_{003}^{(20)} + m_{010}^{(00)}m_{010}^{(11)}m_{101}^{(20)}m_{111}^{(22)}\\
&+m_{010}^{(00)}m_{010}^{(11)}m_{101}^{(20)}m_{012}^{(20)} + m_{010}^{(00)}m_{010}^{(11)}m_{101}^{(21)}m_{201}^{(22)} + m_{010}^{(00)}m_{010}^{(11)}m_{101}^{(21)}m_{102}^{(20)}\\
&-m_{010}^{(00)}m_{010}^{(11)}m_{101}^{(22)}m_{210}^{(22)} - m_{010}^{(00)}m_{010}^{(11)}m_{101}^{(22)}m_{111}^{(20)} + m_{010}^{(00)}m_{010}^{(11)}m_{002}^{(10)}m_{102}^{(20)}\\
&-m_{010}^{(00)}m_{010}^{(11)}m_{002}^{(20)}m_{111}^{(20)} - m_{010}^{(00)}m_{010}^{(11)}m_{002}^{(21)}m_{201}^{(20)} + m_{010}^{(00)}m_{010}^{(11)}m_{002}^{(22)}m_{210}^{(20)}\\
&+m_{010}^{(00)}m_{010}^{(20)}m_{200}^{(11)}m_{012}^{(22)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{200}^{(21)}m_{021}^{(22)} + m_{010}^{(00)}m_{010}^{(20)}m_{200}^{(22)}m_{030}^{(22)}\\
&+2m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(10)}m_{012}^{(22)} - 3m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(11)}m_{102}^{(22)} - m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(11)}m_{003}^{(20)}\\
&-2m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(20)}m_{021}^{(22)} + 4m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{111}^{(22)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{012}^{(20)}\\
&-m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(22)}m_{120}^{(22)} - m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(22)}m_{021}^{(20)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(10)}m_{021}^{(22)}\\
&+2m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(11)}m_{111}^{(22)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(20)}m_{030}^{(22)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(21)}m_{120}^{(22)}\\
&-2m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(10)}m_{012}^{(20)} + 3m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(11)}m_{102}^{(20)} + m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(11)}m_{003}^{(00)}\\
&+2m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(20)}m_{021}^{(20)} - 4m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(20)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{012}^{(00)}\\
&+m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(22)}m_{120}^{(20)} + m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(22)}m_{021}^{(00)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(10)}m_{021}^{(20)}\\
&-2m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(11)}m_{111}^{(20)} - m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(11)}m_{012}^{(00)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(20)}m_{030}^{(20)}\\
&+2m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{120}^{(20)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{021}^{(00)} - m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(22)}m_{030}^{(00)}\\
&-2m_{010}^{(00)}m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(22)} + m_{010}^{(00)}m_{010}^{(21)}m_{200}^{(11)}m_{102}^{(22)} + 2m_{010}^{(00)}m_{010}^{(21)}m_{200}^{(20)}m_{021}^{(22)}\\
&-m_{010}^{(00)}m_{010}^{(21)}m_{200}^{(22)}m_{120}^{(22)} + m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(10)}m_{102}^{(22)} + m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(10)}m_{003}^{(20)}\\
&-m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(22)} - m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(20)}m_{012}^{(20)} - m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(21)}m_{201}^{(22)}\\
&-m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(21)}m_{102}^{(20)} + m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(22)}m_{210}^{(22)} + m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(22)}m_{111}^{(20)}\\
&+m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(22)} + m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(10)}m_{012}^{(20)} - m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(11)}m_{201}^{(22)}\\
&-m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(11)}m_{102}^{(20)} - m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(22)} - m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(20)}m_{021}^{(20)}\\
&+m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{210}^{(22)} + m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(20)} - m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(10)}m_{102}^{(20)}\\
&-m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(10)}m_{003}^{(00)} + m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{111}^{(20)} + m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{012}^{(00)}\\
&+m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(20)} + m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{102}^{(00)} - m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{210}^{(20)}\\
&-m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{111}^{(00)} - m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(10)}m_{111}^{(20)} + m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(10)}m_{012}^{(00)}\\
&+m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(11)}m_{201}^{(20)} + m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(20)}m_{120}^{(20)} - m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(20)}m_{021}^{(00)}\\
&-m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(21)}m_{210}^{(20)} - m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(21)}m_{111}^{(00)} + m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(22)}m_{120}^{(00)}\\
&+m_{010}^{(00)}m_{010}^{(22)}m_{200}^{(10)}m_{021}^{(22)} - m_{010}^{(00)}m_{010}^{(22)}m_{200}^{(11)}m_{111}^{(22)} - m_{010}^{(00)}m_{010}^{(22)}m_{200}^{(20)}m_{030}^{(22)}\\
&+m_{010}^{(00)}m_{010}^{(22)}m_{200}^{(21)}m_{120}^{(22)} - m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(22)} - m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(10)}m_{012}^{(20)}\\
&+m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(11)}m_{201}^{(22)} + m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(11)}m_{102}^{(20)} + m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(20)}m_{120}^{(22)}\\
&+m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(20)}m_{021}^{(20)} - m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{210}^{(22)} - m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(20)}\\
&+m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(10)}m_{111}^{(20)} + m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(10)}m_{012}^{(00)} - m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(11)}m_{201}^{(20)}\\
&-m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(11)}m_{102}^{(00)} - m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(20)}m_{120}^{(20)} - m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(20)}m_{021}^{(00)}\\
&+m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{210}^{(20)} + m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{111}^{(00)} - m_{010}^{(00)}m_{010}^{(22)}m_{002}^{(10)}m_{021}^{(00)}\\
&+m_{010}^{(00)}m_{010}^{(22)}m_{002}^{(11)}m_{111}^{(00)} + m_{010}^{(00)}m_{010}^{(22)}m_{002}^{(20)}m_{030}^{(00)} - m_{010}^{(00)}m_{010}^{(22)}m_{002}^{(21)}m_{120}^{(00)}
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&-2m_{010}^{(00)}m_{001}^{(00)}m_{110}^{(11)}m_{003}^{(21)} + 4m_{010}^{(00)}m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(21)} - 2m_{010}^{(00)}m_{001}^{(00)}m_{110}^{(22)}m_{021}^{(21)}\\
&+2m_{010}^{(00)}m_{001}^{(00)}m_{101}^{(11)}m_{012}^{(21)} - 4m_{010}^{(00)}m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(21)} + 2m_{010}^{(00)}m_{001}^{(00)}m_{101}^{(22)}m_{030}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(11)}m_{003}^{(20)} - 2m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(21)}m_{012}^{(20)} + m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(22)}m_{021}^{(20)}\\
&-m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(11)}m_{012}^{(20)} + m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(11)}m_{003}^{(10)} + 2m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(21)}m_{021}^{(20)}\\
&-2m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(21)}m_{012}^{(10)} - m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(22)}m_{030}^{(20)} + m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(22)}m_{021}^{(10)}\\
&-m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(11)}m_{012}^{(10)} + 2m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(21)}m_{021}^{(10)} - m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(22)}m_{030}^{(10)}\\
&+m_{010}^{(00)}m_{001}^{(10)}m_{200}^{(11)}m_{003}^{(21)} - 2m_{010}^{(00)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(21)} + m_{010}^{(00)}m_{001}^{(10)}m_{200}^{(22)}m_{021}^{(21)}\\
&+2m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(10)}m_{003}^{(21)} - 2m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(21)} - 2m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(21)}\\
&+2m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(21)} - 2m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(21)} - m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(11)}m_{102}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(11)}m_{012}^{(20)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(21)} + 4m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(21)}\\
&+2m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(20)} - 3m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(22)}m_{120}^{(21)} - m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(22)}m_{030}^{(20)}\\
&-m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(10)}m_{003}^{(20)} + m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{012}^{(20)} + m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{102}^{(20)}\\
&-m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{111}^{(20)} + m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{012}^{(20)} - m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{003}^{(10)}\\
&+m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{102}^{(20)} - m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{003}^{(00)} - m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{021}^{(20)}\\
&+m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{012}^{(10)} - 3m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(20)} + m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{102}^{(10)}\\
&+2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{012}^{(00)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{120}^{(20)} - m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{111}^{(10)}\\
&-m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{021}^{(00)} + m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{012}^{(10)} + m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{012}^{(00)}\\
&-m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(20)}m_{021}^{(10)} - m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{111}^{(10)} - 2m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{021}^{(00)}\\
&+m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(22)}m_{120}^{(10)} + m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(22)}m_{030}^{(00)} - m_{010}^{(00)}m_{001}^{(11)}m_{200}^{(10)}m_{003}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(21)} + m_{010}^{(00)}m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(21)} - m_{010}^{(00)}m_{001}^{(11)}m_{200}^{(22)}m_{111}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(21)} + m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(10)}m_{012}^{(20)} - m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(20)}m_{021}^{(20)} - m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(21)} - m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(20)}\\
&+m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(22)}m_{210}^{(21)} + m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(22)}m_{120}^{(20)} - m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(10)}m_{102}^{(20)}\\
&+m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(10)}m_{003}^{(00)} + m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(20)} - m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{012}^{(00)}\\
&+m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{201}^{(20)} - m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{102}^{(00)} - m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(22)}m_{210}^{(20)}\\
&+m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(22)}m_{111}^{(00)} - m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(10)}m_{012}^{(00)} + m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(20)}m_{021}^{(00)}\\
&+m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{111}^{(00)} - m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(22)}m_{120}^{(00)} - m_{010}^{(00)}m_{001}^{(20)}m_{200}^{(11)}m_{012}^{(21)}\\
&+2m_{010}^{(00)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(21)} - m_{010}^{(00)}m_{001}^{(20)}m_{200}^{(22)}m_{030}^{(21)} - 2m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(21)}\\
&+3m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(11)}m_{102}^{(21)} + m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(11)}m_{012}^{(20)} + 2m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(21)}\\
&-4m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(21)} - 2m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(20)} + m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(22)}m_{120}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(22)}m_{030}^{(20)} + 2m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(21)} - 2m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(21)}\\
&-2m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(21)} + 2m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(21)} + m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{012}^{(20)}\\
&-2m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{102}^{(20)} - m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{021}^{(20)} + 3m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(20)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(22)}m_{120}^{(20)} - m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{021}^{(20)} + m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{012}^{(10)}\\
&+m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{111}^{(20)} - m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{102}^{(10)} + m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{030}^{(10)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{021}^{(10)} - m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(20)} + m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{111}^{(10)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(10)}m_{021}^{(10)} + m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(11)}m_{111}^{(10)} + m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(20)}m_{030}^{(10)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(21)}m_{120}^{(10)} + 2m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(21)} - m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(11)}m_{102}^{(21)}
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\begin{aligned}
&-2m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(21)} + m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(22)}m_{120}^{(21)} - m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{012}^{(20)} + m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(21)} + m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{021}^{(20)}\\
&+m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(21)} + m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(20)} - m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(22)}m_{120}^{(20)} - m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(21)} - m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(20)}\\
&+m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(21)} + m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{111}^{(20)} + m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(20)}m_{030}^{(20)} - m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(21)} - m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(20)}\\
&+m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{102}^{(20)} - m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{111}^{(20)} - m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{201}^{(20)}\\
&+m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{210}^{(20)} + m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(20)} - m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{012}^{(00)}\\
&-m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{201}^{(20)} + m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{102}^{(00)} - m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{120}^{(20)}\\
&+m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{021}^{(00)} + m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(20)} - m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{111}^{(00)}\\
&+m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(10)}m_{021}^{(00)} - m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(11)}m_{111}^{(00)} - m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(20)}m_{030}^{(00)}\\
&+m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(21)}m_{120}^{(00)} - m_{010}^{(00)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(21)} + m_{010}^{(00)}m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(21)} - m_{010}^{(00)}m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(21)} + m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{021}^{(20)} - m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(11)}m_{201}^{(21)} - m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(11)}m_{111}^{(20)}\\
&-m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(21)} - m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(20)}m_{030}^{(20)} + m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(21)}m_{120}^{(20)} - m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{020}^{(20)}m_{111}^{(20)} + m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(11)}m_{020}^{(20)}m_{201}^{(20)}\\
&+m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(20)}m_{120}^{(20)} - m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(21)}m_{210}^{(20)} + (m_{010}^{(10)})^2m_{200}^{(10)}m_{003}^{(22)}\\
&-(m_{010}^{(10)})^2m_{200}^{(20)}m_{012}^{(22)} - (m_{010}^{(10)})^2m_{200}^{(21)}m_{102}^{(22)} + (m_{010}^{(10)})^2m_{200}^{(22)}m_{111}^{(22)}\\
&+(m_{010}^{(10)})^2m_{110}^{(00)}m_{003}^{(22)} - 2(m_{010}^{(10)})^2m_{110}^{(20)}m_{102}^{(22)} + (m_{010}^{(10)})^2m_{110}^{(22)}m_{201}^{(22)}\\
&-(m_{010}^{(10)})^2m_{101}^{(00)}m_{012}^{(22)} - (m_{010}^{(10)})^2m_{101}^{(10)}m_{102}^{(22)} - (m_{010}^{(10)})^2m_{101}^{(10)}m_{003}^{(20)}\\
&+3(m_{010}^{(10)})^2m_{101}^{(20)}m_{111}^{(22)} + (m_{010}^{(10)})^2m_{101}^{(20)}m_{012}^{(20)} + (m_{010}^{(10)})^2m_{101}^{(21)}m_{201}^{(22)}\\
&+(m_{010}^{(10)})^2m_{101}^{(21)}m_{102}^{(20)} - 2(m_{010}^{(10)})^2m_{101}^{(22)}m_{210}^{(22)} - (m_{010}^{(10)})^2m_{101}^{(22)}m_{111}^{(20)}\\
&-(m_{010}^{(10)})^2m_{011}^{(00)}m_{003}^{(20)} + 2(m_{010}^{(10)})^2m_{011}^{(20)}m_{102}^{(20)} - (m_{010}^{(10)})^2m_{011}^{(22)}m_{201}^{(20)}\\
&+(m_{010}^{(10)})^2m_{002}^{(00)}m_{012}^{(20)} + (m_{010}^{(10)})^2m_{002}^{(10)}m_{102}^{(20)} - 3(m_{010}^{(10)})^2m_{002}^{(20)}m_{111}^{(20)}\\
&-(m_{010}^{(10)})^2m_{002}^{(21)}m_{201}^{(20)} + 2(m_{010}^{(10)})^2m_{002}^{(22)}m_{210}^{(20)} - m_{010}^{(10)}m_{010}^{(11)}m_{200}^{(00)}m_{003}^{(22)}\\
&+2m_{010}^{(10)}m_{010}^{(11)}m_{200}^{(20)}m_{102}^{(22)} - m_{010}^{(10)}m_{010}^{(11)}m_{200}^{(22)}m_{201}^{(22)} + m_{010}^{(10)}m_{010}^{(11)}m_{101}^{(00)}m_{102}^{(22)}\\
&+m_{010}^{(10)}m_{010}^{(11)}m_{101}^{(00)}m_{003}^{(20)} - 2m_{010}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{201}^{(22)} - 2m_{010}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{102}^{(20)}\\
&+m_{010}^{(10)}m_{010}^{(11)}m_{101}^{(22)}m_{300}^{(22)} + m_{010}^{(10)}m_{010}^{(11)}m_{101}^{(22)}m_{201}^{(20)} - m_{010}^{(10)}m_{010}^{(11)}m_{002}^{(00)}m_{102}^{(20)}\\
&+2m_{010}^{(10)}m_{010}^{(11)}m_{002}^{(20)}m_{201}^{(20)} - m_{010}^{(10)}m_{010}^{(11)}m_{002}^{(22)}m_{300}^{(20)} - 2m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(10)}m_{012}^{(22)}\\
&+m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(11)}m_{102}^{(22)} + m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(11)}m_{003}^{(20)} + 2m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(20)}m_{021}^{(22)}\\
&-2m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{012}^{(20)} - m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(22)}m_{120}^{(22)} + m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(22)}m_{021}^{(20)}\\
&-2m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(00)}m_{012}^{(22)} + 3m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(10)}m_{102}^{(22)} + m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(10)}m_{003}^{(20)}\\
&+m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{111}^{(22)} - m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(20)} - 3m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{201}^{(22)}\\
&-m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{102}^{(20)} + m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{210}^{(22)} + m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{111}^{(20)}\\
&+2m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(00)}m_{021}^{(22)} - m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{111}^{(22)} + m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{012}^{(20)}\\
&-m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(11)}m_{201}^{(22)} - 2m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(11)}m_{102}^{(20)} - m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(11)}m_{003}^{(00)}\\
&-3m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(20)}m_{120}^{(22)} - m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(20)}m_{021}^{(20)} + 3m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{210}^{(22)}\\
&+3m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(20)} + 2m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{012}^{(00)} - m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{120}^{(20)}
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&-m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{021}^{(00)} + 2m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(00)}m_{012}^{(20)} - 3m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{102}^{(20)}\\
&-m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{003}^{(00)} - m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(20)} + m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{012}^{(00)}\\
&+3m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{201}^{(20)} + m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{102}^{(00)} - m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{210}^{(20)}\\
&-m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{111}^{(00)} - 2m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(00)}m_{021}^{(20)} + m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{111}^{(20)}\\
&+m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{012}^{(00)} + m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(11)}m_{201}^{(20)} + m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(11)}m_{102}^{(00)}\\
&+3m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{120}^{(20)} - m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{021}^{(00)} - 3m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{210}^{(20)}\\
&-3m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{111}^{(00)} + 2m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(22)}m_{120}^{(00)} + 2m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(00)}m_{012}^{(22)}\\
&-m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(10)}m_{102}^{(22)} - m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(10)}m_{003}^{(20)} - 3m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(20)}m_{111}^{(22)}\\
&+m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(20)} + m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{201}^{(22)} + m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{102}^{(20)}\\
&+m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{210}^{(22)} - m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{111}^{(20)} - m_{010}^{(10)}m_{010}^{(21)}m_{110}^{(00)}m_{102}^{(22)}\\
&-m_{010}^{(10)}m_{010}^{(21)}m_{110}^{(00)}m_{003}^{(20)} + 2m_{010}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{201}^{(22)} + 2m_{010}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(20)}\\
&-m_{010}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{300}^{(22)} - m_{010}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{201}^{(20)} - m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(00)}m_{111}^{(22)}\\
&-m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(00)}m_{012}^{(20)} + m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{201}^{(22)} + 2m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{102}^{(20)}\\
&+m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{003}^{(00)} + m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{210}^{(22)} - m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{012}^{(00)}\\
&-m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{300}^{(22)} - 2m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{201}^{(20)} - m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{102}^{(00)}\\
&+m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{210}^{(20)} + m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{111}^{(00)} + m_{010}^{(10)}m_{010}^{(21)}m_{011}^{(00)}m_{102}^{(20)}\\
&+m_{010}^{(10)}m_{010}^{(21)}m_{011}^{(00)}m_{003}^{(00)} - 2m_{010}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(20)} - 2m_{010}^{(10)}m_{010}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{102}^{(20)}\\
&+m_{010}^{(10)}m_{010}^{(21)}m_{011}^{(22)}m_{300}^{(20)} + m_{010}^{(10)}m_{010}^{(21)}m_{011}^{(22)}m_{201}^{(00)} + m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(00)}m_{111}^{(20)}\\
&-m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(00)}m_{012}^{(00)} - m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{201}^{(20)} - m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{102}^{(00)}\\
&-m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{210}^{(20)} + 3m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{111}^{(00)} + m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{300}^{(20)}\\
&+m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{201}^{(00)} - 2m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(22)}m_{210}^{(00)} - m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(00)}m_{021}^{(22)}\\
&+m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(10)}m_{111}^{(22)} + m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(10)}m_{012}^{(20)} - m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(11)}m_{102}^{(20)}\\
&+m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(20)}m_{120}^{(22)} - m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(20)} - m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(21)}m_{210}^{(22)}\\
&+m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(20)} + m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(00)}m_{111}^{(22)} + m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(00)}m_{012}^{(20)}\\
&-m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{201}^{(22)} - m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{102}^{(20)} - m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{210}^{(22)}\\
&-m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(20)} + m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{300}^{(22)} + m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(20)}\\
&-m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(20)} - m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{012}^{(00)} + m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(11)}m_{201}^{(20)}\\
&+m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(11)}m_{102}^{(00)} + m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(20)} + m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{021}^{(00)}\\
&-m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(20)} - m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{111}^{(00)} - m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{111}^{(20)}\\
&-m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{012}^{(00)} + m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{201}^{(20)} + m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{102}^{(00)}\\
&+m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(20)} + m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{111}^{(00)} - m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(21)}m_{300}^{(20)}\\
&-m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(21)}m_{201}^{(00)} + m_{010}^{(10)}m_{010}^{(22)}m_{002}^{(00)}m_{021}^{(00)} - m_{010}^{(10)}m_{010}^{(22)}m_{002}^{(11)}m_{201}^{(00)}\\
&-2m_{010}^{(10)}m_{010}^{(22)}m_{002}^{(20)}m_{120}^{(00)} + 2m_{010}^{(10)}m_{010}^{(22)}m_{002}^{(21)}m_{210}^{(00)} + m_{010}^{(10)}m_{001}^{(00)}m_{200}^{(11)}m_{003}^{(21)}\\
&-2m_{010}^{(10)}m_{001}^{(00)}m_{200}^{(21)}m_{012}^{(21)} + m_{010}^{(10)}m_{001}^{(00)}m_{200}^{(22)}m_{021}^{(21)} + 2m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(10)}m_{003}^{(21)}\\
&-2m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(20)}m_{012}^{(21)} - 2m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{102}^{(21)} + 2m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(22)}m_{111}^{(21)}\\
&-2m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(10)}m_{012}^{(21)} - m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(11)}m_{102}^{(21)} - m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(11)}m_{003}^{(10)}\\
&+2m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(20)}m_{021}^{(21)} + 4m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{111}^{(21)} + 2m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{012}^{(10)}\\
&-3m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(22)}m_{120}^{(21)} - m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(22)}m_{021}^{(10)} - m_{010}^{(10)}m_{001}^{(00)}m_{020}^{(10)}m_{003}^{(20)}
\end{aligned}
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\begin{aligned}
&+m_{010}^{(10)}m_{001}^{(00)}m_{020}^{(20)}m_{012}^{(20)}+m_{010}^{(10)}m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(20)}-m_{010}^{(10)}m_{001}^{(00)}m_{020}^{(22)}m_{111}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(20)}-m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{003}^{(10)}-m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{012}^{(10)}-m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(20)}+m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{102}^{(10)}\\
&+m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(22)}m_{120}^{(20)}-m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(22)}m_{111}^{(10)}+m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{012}^{(10)}\\
&+m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(11)}m_{102}^{(10)}-m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(20)}m_{021}^{(10)}-3m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{111}^{(10)}\\
&+2m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(22)}m_{120}^{(10)}-2m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(10)}m_{003}^{(21)}-m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(11)}m_{003}^{(20)}\\
&+2m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(20)}m_{012}^{(21)}+2m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{102}^{(21)}+2m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(22)}m_{111}^{(21)}-m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(22)}m_{021}^{(20)}-2m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(00)}m_{003}^{(21)}\\
&+4m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{102}^{(21)}-2m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{201}^{(21)}+2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(00)}m_{012}^{(21)}\\
&+2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{102}^{(21)}+m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(20)}+m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{003}^{(10)}\\
&+m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{102}^{(20)}+m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{003}^{(00)}-6m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(21)}\\
&-m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(20)}-m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{012}^{(10)}-2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{201}^{(21)}\\
&-3m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(20)}-m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{102}^{(10)}-2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{012}^{(00)}\\
&+4m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{210}^{(21)}+2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{120}^{(20)}+m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{111}^{(10)}\\
&+m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{021}^{(00)}+m_{010}^{(10)}m_{001}^{(10)}m_{020}^{(00)}m_{003}^{(20)}-2m_{010}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(10)}m_{020}^{(22)}m_{201}^{(20)}-m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{012}^{(20)}+m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{003}^{(10)}\\
&-m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(20)}+m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{003}^{(00)}+3m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{102}^{(10)}-m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{012}^{(00)}+m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{102}^{(00)}-2m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{210}^{(20)}+m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{201}^{(10)}\\
&+m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{111}^{(00)}-m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(00)}m_{012}^{(10)}-m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{102}^{(10)}\\
&-m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{012}^{(00)}-m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(11)}m_{102}^{(00)}+3m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{111}^{(10)}\\
&+m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{021}^{(00)}+m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{201}^{(10)}+3m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{111}^{(00)}\\
&-2m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(22)}m_{210}^{(10)}-2m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(22)}m_{120}^{(00)}+m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(00)}m_{003}^{(21)}\\
&+m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(10)}m_{003}^{(20)}-2m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{102}^{(21)}-m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(20)}+m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{201}^{(21)}+m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{111}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{102}^{(21)}-m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{012}^{(20)}-m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{003}^{(00)}+2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{201}^{(21)}+3m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{012}^{(00)}+m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(20)}+m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{102}^{(00)}\\
&-m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{300}^{(21)}-2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{210}^{(20)}-m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{111}^{(00)}\\
&+m_{010}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{102}^{(20)}-m_{010}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{003}^{(00)}-2m_{010}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(20)}\\
&+2m_{010}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{102}^{(00)}+m_{010}^{(10)}m_{001}^{(11)}m_{011}^{(22)}m_{300}^{(20)}-m_{010}^{(10)}m_{001}^{(11)}m_{011}^{(22)}m_{201}^{(00)}\\
&+m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(00)}m_{012}^{(00)}+m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{102}^{(00)}-3m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{111}^{(00)}\\
&-m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(21)}m_{201}^{(00)}+2m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(22)}m_{210}^{(00)}+2m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(10)}m_{012}^{(21)}\\
&-m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{102}^{(21)}-2m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(20)}m_{021}^{(21)}+m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(22)}m_{120}^{(21)}\\
&+2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(00)}m_{012}^{(21)}-3m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{102}^{(21)}-m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(21)}+m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(20)}+3m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{201}^{(21)}\\
&+m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(20)}-m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{210}^{(21)}-m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{120}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(00)}m_{021}^{(21)}+m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(21)}-m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{012}^{(10)}
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&+m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{201}^{(21)}+m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{102}^{(10)}+3m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(21)}\\
&+m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{021}^{(10)}-3m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{210}^{(21)}-m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{111}^{(10)}\\
&-m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{012}^{(20)}+2m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(20)}-2m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(22)}m_{210}^{(20)}+m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{021}^{(20)}-m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{012}^{(10)}\\
&-m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(20)}+m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{102}^{(10)}-m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{111}^{(10)}+m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(20)}-m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{201}^{(10)}\\
&+m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(00)}m_{021}^{(10)}-m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(11)}m_{201}^{(10)}-2m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(20)}m_{120}^{(10)}\\
&+2m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(21)}m_{210}^{(10)}-2m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(00)}m_{012}^{(21)}+m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{102}^{(21)}\\
&-m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(20)}+m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{102}^{(20)}+3m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(21)}\\
&+m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(20)}-m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{201}^{(21)}-m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(22)}m_{210}^{(21)}+m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{102}^{(21)}+m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{012}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(21)}-2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(20)}+m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{300}^{(21)}\\
&+m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(20)}+m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(21)}+m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{021}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{201}^{(21)}+m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{012}^{(00)}-m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{102}^{(00)}-m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(21)}-2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{021}^{(00)}+m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{300}^{(21)}+2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{111}^{(00)}-m_{010}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{102}^{(20)}+2m_{010}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(21)}m_{020}^{(22)}m_{300}^{(20)}-m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(20)}+m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{012}^{(00)}\\
&+m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(20)}-m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{102}^{(00)}+m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{111}^{(00)}-m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(20)}+m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{201}^{(00)}\\
&-m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(00)}m_{021}^{(00)}+m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(11)}m_{201}^{(00)}+2m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(20)}m_{120}^{(00)}\\
&-2m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(21)}m_{210}^{(00)}+m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(00)}m_{021}^{(21)}-m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{111}^{(21)}\\
&-m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(20)}m_{120}^{(21)}+m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{210}^{(21)}-m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(00)}m_{111}^{(21)}\\
&-m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{021}^{(20)}+m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{201}^{(21)}+m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{210}^{(21)}+m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(20)}-m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{300}^{(21)}\\
&-m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(20)}+m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(20)}-m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(20)}+m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(20)}+m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(00)}m_{012}^{(22)}\\
&-m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(10)}m_{102}^{(22)}-m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(10)}m_{003}^{(20)}-m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(20)}m_{111}^{(22)}\\
&+m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(20)}m_{012}^{(20)}+m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(21)}m_{201}^{(22)}+m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(21)}m_{102}^{(20)}\\
&-m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(22)}m_{111}^{(20)}-m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(00)}m_{111}^{(22)}-m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(00)}m_{012}^{(20)}\\
&+m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(10)}m_{201}^{(22)}+2m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(10)}m_{102}^{(20)}+m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(10)}m_{003}^{(00)}\\
&+m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{210}^{(22)}-m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{012}^{(00)}-m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(21)}m_{300}^{(22)}\\
&-2m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(21)}m_{201}^{(20)}-m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(21)}m_{102}^{(00)}+m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(22)}m_{210}^{(20)}\\
&+m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(22)}m_{111}^{(00)}+m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(00)}m_{111}^{(20)}-m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(10)}m_{201}^{(20)}\\
&-m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(10)}m_{102}^{(00)}-m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(20)}m_{210}^{(20)}+m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(20)}m_{111}^{(00)}\\
&+m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(21)}m_{300}^{(20)}+m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(21)}m_{201}^{(00)}-m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(22)}m_{210}^{(00)}\\
&+m_{010}^{(11)}m_{010}^{(21)}m_{200}^{(00)}m_{003}^{(20)}-2m_{010}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{102}^{(20)}+m_{010}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{201}^{(20)}\\
&-m_{010}^{(11)}m_{010}^{(21)}m_{101}^{(00)}m_{102}^{(20)}-m_{010}^{(11)}m_{010}^{(21)}m_{101}^{(00)}m_{003}^{(00)}+2m_{010}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{201}^{(20)}
\end{aligned}
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$$+2m_{010}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{102}^{(00)} - m_{010}^{(11)}m_{010}^{(21)}m_{101}^{(22)}m_{300}^{(20)} - m_{010}^{(11)}m_{010}^{(21)}m_{101}^{(22)}m_{201}^{(00)}$$
$$+m_{010}^{(11)}m_{010}^{(21)}m_{002}^{(00)}m_{102}^{(00)} - 2m_{010}^{(11)}m_{010}^{(21)}m_{002}^{(20)}m_{201}^{(00)} + m_{010}^{(11)}m_{010}^{(21)}m_{002}^{(22)}m_{300}^{(00)}$$
$$-m_{010}^{(11)}m_{010}^{(22)}m_{200}^{(00)}m_{012}^{(20)} + m_{010}^{(11)}m_{010}^{(22)}m_{200}^{(10)}m_{102}^{(20)} + m_{010}^{(11)}m_{010}^{(22)}m_{200}^{(20)}m_{111}^{(20)}$$
$$-m_{010}^{(11)}m_{010}^{(22)}m_{200}^{(21)}m_{201}^{(20)} + m_{010}^{(11)}m_{010}^{(22)}m_{101}^{(00)}m_{111}^{(20)} + m_{010}^{(11)}m_{010}^{(22)}m_{101}^{(00)}m_{012}^{(00)}$$
$$-m_{010}^{(11)}m_{010}^{(22)}m_{101}^{(10)}m_{201}^{(20)} - m_{010}^{(11)}m_{010}^{(22)}m_{101}^{(10)}m_{102}^{(00)} - m_{010}^{(11)}m_{010}^{(22)}m_{101}^{(20)}m_{210}^{(20)}$$
$$-m_{010}^{(11)}m_{010}^{(22)}m_{101}^{(20)}m_{111}^{(00)} + m_{010}^{(11)}m_{010}^{(22)}m_{101}^{(21)}m_{300}^{(20)} + m_{010}^{(11)}m_{010}^{(22)}m_{101}^{(21)}m_{201}^{(00)}$$
$$-m_{010}^{(11)}m_{010}^{(22)}m_{002}^{(00)}m_{111}^{(00)} + m_{010}^{(11)}m_{010}^{(22)}m_{002}^{(10)}m_{201}^{(00)} + m_{010}^{(11)}m_{010}^{(22)}m_{002}^{(20)}m_{210}^{(00)}$$
$$-m_{010}^{(11)}m_{010}^{(22)}m_{002}^{(21)}m_{300}^{(00)} - m_{010}^{(11)}m_{001}^{(00)}m_{200}^{(10)}m_{003}^{(21)} + m_{010}^{(11)}m_{001}^{(00)}m_{200}^{(20)}m_{012}^{(21)}$$
$$+m_{010}^{(11)}m_{001}^{(00)}m_{200}^{(21)}m_{102}^{(21)} - m_{010}^{(11)}m_{001}^{(00)}m_{200}^{(22)}m_{111}^{(21)} + m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(10)}m_{102}^{(21)}$$
$$+m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(10)}m_{003}^{(10)} - m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{111}^{(21)} - m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{012}^{(10)}$$
$$-m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(21)}m_{201}^{(21)} - m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(21)}m_{102}^{(10)} + m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(22)}m_{210}^{(21)}$$
$$+m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(22)}m_{111}^{(10)} - m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(10)}m_{102}^{(10)} + m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{002}^{(10)}$$
$$+m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(21)}m_{201}^{(10)} - m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(22)}m_{210}^{(10)} + m_{010}^{(11)}m_{001}^{(10)}m_{001}^{(00)}m_{200}^{(21)}m_{003}^{(21)}$$
$$+m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(10)}m_{003}^{(20)} - 2m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{102}^{(21)} - m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{012}^{(20)}$$
$$-m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(21)}m_{102}^{(20)} + m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{201}^{(21)} + m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{111}^{(20)}$$
$$-m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(00)}m_{102}^{(21)} - m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(00)}m_{003}^{(10)} - m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{102}^{(20)}$$
$$-m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{003}^{(00)} + 2m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{201}^{(21)} + m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(20)}$$
$$+2m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{102}^{(10)} + m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{012}^{(00)} + m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{201}^{(20)}$$
$$+m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{102}^{(00)} - m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{300}^{(21)} - m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{210}^{(20)}$$
$$-m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{201}^{(10)} - m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{111}^{(00)} + m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(00)}m_{102}^{(10)}$$
$$+m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{102}^{(00)} - 2m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{201}^{(10)} - m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{111}^{(00)}$$
$$-m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(21)}m_{201}^{(00)} + m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(22)}m_{300}^{(10)} + m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(22)}m_{210}^{(00)}$$
$$-m_{010}^{(11)}m_{001}^{(11)}m_{200}^{(00)}m_{003}^{(20)} + 2m_{010}^{(11)}m_{001}^{(11)}m_{200}^{(20)}m_{102}^{(20)} - m_{010}^{(11)}m_{001}^{(11)}m_{200}^{(22)}m_{201}^{(20)}$$
$$+m_{010}^{(11)}m_{001}^{(11)}m_{101}^{(00)}m_{102}^{(20)} + m_{010}^{(11)}m_{001}^{(11)}m_{101}^{(00)}m_{003}^{(00)} - 2m_{010}^{(11)}m_{001}^{(11)}m_{101}^{(20)}m_{201}^{(20)}$$
$$-2m_{010}^{(11)}m_{001}^{(11)}m_{101}^{(20)}m_{102}^{(00)} + m_{010}^{(11)}m_{001}^{(11)}m_{101}^{(22)}m_{300}^{(20)} + m_{010}^{(11)}m_{001}^{(11)}m_{101}^{(22)}m_{201}^{(00)}$$
$$-m_{010}^{(11)}m_{001}^{(11)}m_{002}^{(00)}m_{102}^{(00)} + 2m_{010}^{(11)}m_{001}^{(11)}m_{002}^{(20)}m_{201}^{(00)} - m_{010}^{(11)}m_{001}^{(11)}m_{002}^{(22)}m_{300}^{(00)}$$
$$-m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(00)}m_{012}^{(21)} + m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{102}^{(21)} + m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{111}^{(21)}$$
$$-m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{201}^{(21)} + m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{111}^{(21)} + m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{012}^{(10)}$$
$$-m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{201}^{(21)} - m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{102}^{(10)} - m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{210}^{(21)}$$
$$-m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{111}^{(10)} + m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{300}^{(21)} + m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{201}^{(10)}$$
$$-m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(00)}m_{111}^{(10)} + m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(10)}m_{201}^{(10)} + m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(20)}m_{210}^{(10)}$$
$$-m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(21)}m_{300}^{(10)} + m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{012}^{(20)} - m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{102}^{(20)}$$
$$-m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(20)} + m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{201}^{(20)} - m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(20)}$$
$$-m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{012}^{(00)} + m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{201}^{(20)} + m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{102}^{(00)}$$
$$+m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(20)} + m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{111}^{(00)} - m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{300}^{(20)}$$
$$-m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{201}^{(00)} + m_{010}^{(11)}m_{001}^{(21)}m_{002}^{(00)}m_{111}^{(00)} - m_{010}^{(11)}m_{001}^{(21)}m_{002}^{(10)}m_{201}^{(00)}$$
$$-m_{010}^{(11)}m_{001}^{(21)}m_{002}^{(20)}m_{210}^{(00)} + m_{010}^{(11)}m_{001}^{(21)}m_{002}^{(21)}m_{300}^{(00)} + (m_{010}^{(20)})^2m_{200}^{(10)}m_{021}^{(22)}$$
$$-(m_{010}^{(20)})^2m_{200}^{(11)}m_{111}^{(22)} - (m_{010}^{(20)})^2m_{200}^{(11)}m_{012}^{(20)} - (m_{010}^{(20)})^2m_{200}^{(20)}m_{030}^{(22)}$$

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\begin{aligned}
&+(m_{010}^{(20)})^2 m_{200}^{(21)} m_{120}^{(22)} + 2(m_{010}^{(20)})^2 m_{200}^{(21)} m_{021}^{(20)} - (m_{010}^{(20)})^2 m_{200}^{(22)} m_{030}^{(20)} \\
&+(m_{010}^{(20)})^2 m_{110}^{(00)} m_{021}^{(22)} - 3(m_{010}^{(20)})^2 m_{110}^{(10)} m_{111}^{(22)} - (m_{010}^{(20)})^2 m_{110}^{(10)} m_{012}^{(20)} \\
&+2(m_{010}^{(20)})^2 m_{110}^{(11)} m_{201}^{(22)} + 2(m_{010}^{(20)})^2 m_{110}^{(11)} m_{102}^{(20)} + (m_{010}^{(20)})^2 m_{110}^{(20)} m_{120}^{(22)} \\
&+(m_{010}^{(20)})^2 m_{110}^{(20)} m_{021}^{(20)} - (m_{010}^{(20)})^2 m_{110}^{(21)} m_{210}^{(22)} - 3(m_{010}^{(20)})^2 m_{110}^{(21)} m_{111}^{(20)} \\
&+(m_{010}^{(20)})^2 m_{110}^{(22)} m_{120}^{(20)} - (m_{010}^{(20)})^2 m_{101}^{(00)} m_{030}^{(22)} + 2(m_{010}^{(20)})^2 m_{101}^{(10)} m_{120}^{(22)} \\
&-(m_{010}^{(20)})^2 m_{101}^{(11)} m_{210}^{(22)} + (m_{010}^{(20)})^2 m_{101}^{(11)} m_{012}^{(00)} - 2(m_{010}^{(20)})^2 m_{101}^{(21)} m_{021}^{(00)} \\
&+(m_{010}^{(20)})^2 m_{101}^{(22)} m_{030}^{(00)} - (m_{010}^{(20)})^2 m_{011}^{(00)} m_{021}^{(20)} + 3(m_{010}^{(20)})^2 m_{011}^{(10)} m_{111}^{(20)} \\
&+(m_{010}^{(20)})^2 m_{011}^{(10)} m_{012}^{(00)} - 2(m_{010}^{(20)})^2 m_{011}^{(11)} m_{201}^{(20)} - 2(m_{010}^{(20)})^2 m_{011}^{(11)} m_{102}^{(00)} \\
&-(m_{010}^{(20)})^2 m_{011}^{(20)} m_{120}^{(20)} - (m_{010}^{(20)})^2 m_{011}^{(20)} m_{021}^{(00)} + (m_{010}^{(20)})^2 m_{011}^{(21)} m_{210}^{(20)} \\
&+3(m_{010}^{(20)})^2 m_{011}^{(21)} m_{111}^{(00)} - (m_{010}^{(20)})^2 m_{011}^{(22)} m_{120}^{(00)} + (m_{010}^{(20)})^2 m_{002}^{(00)} m_{030}^{(20)} \\
&-2(m_{010}^{(20)})^2 m_{002}^{(10)} m_{120}^{(20)} - (m_{010}^{(20)})^2 m_{002}^{(10)} m_{021}^{(00)} + (m_{010}^{(20)})^2 m_{002}^{(11)} m_{210}^{(20)} \\
&+(m_{010}^{(20)})^2 m_{002}^{(11)} m_{111}^{(00)} + (m_{010}^{(20)})^2 m_{002}^{(20)} m_{030}^{(00)} - (m_{010}^{(20)})^2 m_{002}^{(21)} m_{120}^{(00)} \\
&-2m_{010}^{(20)} m_{010}^{(21)} m_{200}^{(00)} m_{021}^{(22)} + 3m_{010}^{(20)} m_{010}^{(21)} m_{200}^{(10)} m_{111}^{(22)} + 3m_{010}^{(20)} m_{010}^{(21)} m_{200}^{(10)} m_{012}^{(20)} \\
&-m_{010}^{(20)} m_{010}^{(21)} m_{200}^{(11)} m_{201}^{(22)} - m_{010}^{(20)} m_{010}^{(21)} m_{200}^{(11)} m_{102}^{(20)} + m_{010}^{(20)} m_{010}^{(21)} m_{200}^{(20)} m_{120}^{(22)} \\
&-3m_{010}^{(20)} m_{010}^{(21)} m_{200}^{(20)} m_{021}^{(20)} - m_{010}^{(20)} m_{010}^{(21)} m_{200}^{(21)} m_{210}^{(22)} - m_{010}^{(20)} m_{010}^{(21)} m_{200}^{(21)} m_{111}^{(20)} \\
&+2m_{010}^{(20)} m_{010}^{(21)} m_{200}^{(22)} m_{120}^{(20)} + m_{010}^{(20)} m_{010}^{(21)} m_{110}^{(00)} m_{111}^{(22)} + m_{010}^{(20)} m_{010}^{(21)} m_{110}^{(00)} m_{012}^{(20)} \\
&-m_{010}^{(20)} m_{010}^{(21)} m_{110}^{(10)} m_{201}^{(22)} - 3m_{010}^{(20)} m_{010}^{(21)} m_{110}^{(10)} m_{102}^{(20)} - m_{010}^{(20)} m_{010}^{(21)} m_{110}^{(20)} m_{210}^{(22)} \\
&+m_{010}^{(20)} m_{010}^{(21)} m_{110}^{(20)} m_{111}^{(20)} + m_{010}^{(20)} m_{010}^{(21)} m_{110}^{(21)} m_{300}^{(22)} + 3m_{010}^{(20)} m_{010}^{(21)} m_{110}^{(21)} m_{201}^{(20)} \\
&-2m_{010}^{(20)} m_{010}^{(21)} m_{110}^{(22)} m_{210}^{(20)} + m_{010}^{(20)} m_{010}^{(21)} m_{101}^{(00)} m_{120}^{(22)} + m_{010}^{(20)} m_{010}^{(21)} m_{101}^{(00)} m_{021}^{(20)} \\
&-2m_{010}^{(20)} m_{010}^{(21)} m_{101}^{(10)} m_{210}^{(22)} - 3m_{010}^{(20)} m_{010}^{(21)} m_{101}^{(10)} m_{111}^{(20)} - 3m_{010}^{(20)} m_{010}^{(21)} m_{101}^{(10)} m_{012}^{(00)} \\
&+m_{010}^{(20)} m_{010}^{(21)} m_{101}^{(11)} m_{300}^{(22)} + 2m_{010}^{(20)} m_{010}^{(21)} m_{101}^{(11)} m_{201}^{(20)} + m_{010}^{(20)} m_{010}^{(21)} m_{101}^{(11)} m_{102}^{(00)} \\
&+m_{010}^{(20)} m_{010}^{(21)} m_{101}^{(20)} m_{120}^{(20)} + 3m_{010}^{(20)} m_{010}^{(21)} m_{101}^{(20)} m_{021}^{(00)} - m_{010}^{(20)} m_{010}^{(21)} m_{101}^{(21)} m_{210}^{(20)} \\
&+m_{010}^{(20)} m_{010}^{(21)} m_{101}^{(21)} m_{111}^{(00)} - 2m_{010}^{(20)} m_{010}^{(21)} m_{101}^{(22)} m_{120}^{(00)} - m_{010}^{(20)} m_{010}^{(21)} m_{011}^{(00)} m_{111}^{(20)} \\
&-m_{010}^{(20)} m_{010}^{(21)} m_{011}^{(00)} m_{012}^{(00)} + m_{010}^{(20)} m_{010}^{(21)} m_{011}^{(10)} m_{201}^{(20)} + 3m_{010}^{(20)} m_{010}^{(21)} m_{011}^{(10)} m_{102}^{(00)} \\
&+m_{010}^{(20)} m_{010}^{(21)} m_{011}^{(20)} m_{210}^{(20)} - m_{010}^{(20)} m_{010}^{(21)} m_{011}^{(20)} m_{111}^{(00)} - m_{010}^{(20)} m_{010}^{(21)} m_{011}^{(21)} m_{300}^{(20)} \\
&-3m_{010}^{(20)} m_{010}^{(21)} m_{011}^{(21)} m_{201}^{(00)} + 2m_{010}^{(20)} m_{010}^{(21)} m_{011}^{(22)} m_{210}^{(00)} - m_{010}^{(20)} m_{010}^{(21)} m_{002}^{(00)} m_{120}^{(20)} \\
&+m_{010}^{(20)} m_{010}^{(21)} m_{002}^{(00)} m_{021}^{(00)} + 2m_{010}^{(20)} m_{010}^{(21)} m_{002}^{(10)} m_{210}^{(20)} - m_{010}^{(20)} m_{010}^{(21)} m_{002}^{(11)} m_{300}^{(20)} \\
&-m_{010}^{(20)} m_{010}^{(21)} m_{002}^{(11)} m_{201}^{(00)} - 2m_{010}^{(20)} m_{010}^{(21)} m_{002}^{(20)} m_{120}^{(00)} + 2m_{010}^{(20)} m_{010}^{(21)} m_{002}^{(21)} m_{210}^{(00)} \\
&+m_{010}^{(20)} m_{010}^{(22)} m_{200}^{(00)} m_{030}^{(22)} - 2m_{010}^{(20)} m_{010}^{(22)} m_{200}^{(10)} m_{120}^{(22)} - 2m_{010}^{(20)} m_{010}^{(22)} m_{200}^{(10)} m_{021}^{(20)} \\
&+m_{010}^{(20)} m_{010}^{(22)} m_{200}^{(11)} m_{210}^{(22)} + 2m_{010}^{(20)} m_{010}^{(22)} m_{200}^{(11)} m_{111}^{(20)} + 2m_{010}^{(20)} m_{010}^{(22)} m_{200}^{(20)} m_{030}^{(20)} \\
&-2m_{010}^{(20)} m_{010}^{(22)} m_{200}^{(21)} m_{120}^{(20)} - m_{010}^{(20)} m_{010}^{(22)} m_{110}^{(00)} m_{120}^{(22)} - m_{010}^{(20)} m_{010}^{(22)} m_{110}^{(00)} m_{021}^{(20)} \\
&+2m_{010}^{(20)} m_{010}^{(22)} m_{110}^{(10)} m_{210}^{(22)} + 4m_{010}^{(20)} m_{010}^{(22)} m_{110}^{(10)} m_{111}^{(20)} - m_{010}^{(20)} m_{010}^{(22)} m_{110}^{(11)} m_{300}^{(22)} \\
&-3m_{010}^{(20)} m_{010}^{(22)} m_{110}^{(11)} m_{201}^{(20)} - 2m_{010}^{(20)} m_{010}^{(22)} m_{110}^{(20)} m_{120}^{(20)} + 2m_{010}^{(20)} m_{010}^{(22)} m_{110}^{(21)} m_{210}^{(20)} \\
&+2m_{010}^{(20)} m_{010}^{(22)} m_{101}^{(10)} m_{021}^{(00)} - 2m_{010}^{(20)} m_{010}^{(22)} m_{101}^{(11)} m_{111}^{(00)} - 2m_{010}^{(20)} m_{010}^{(22)} m_{101}^{(20)} m_{030}^{(00)} \\
&+2m_{010}^{(20)} m_{010}^{(22)} m_{101}^{(21)} m_{120}^{(00)} + m_{010}^{(20)} m_{010}^{(22)} m_{011}^{(00)} m_{120}^{(20)} + m_{010}^{(20)} m_{010}^{(22)} m_{011}^{(00)} m_{021}^{(00)} \\
&-2m_{010}^{(20)} m_{010}^{(22)} m_{011}^{(10)} m_{210}^{(20)} - 4m_{010}^{(20)} m_{010}^{(22)} m_{011}^{(10)} m_{111}^{(00)} + m_{010}^{(20)} m_{010}^{(22)} m_{011}^{(11)} m_{300}^{(20)} \\
&+3m_{010}^{(20)} m_{010}^{(22)} m_{011}^{(11)} m_{201}^{(00)} + 2m_{010}^{(20)} m_{010}^{(22)} m_{011}^{(20)} m_{120}^{(00)} - 2m_{010}^{(20)} m_{010}^{(22)} m_{011}^{(21)} m_{210}^{(00)} \\
&-m_{010}^{(20)} m_{010}^{(22)} m_{002}^{(00)} m_{030}^{(00)} + 2m_{010}^{(20)} m_{010}^{(22)} m_{002}^{(10)} m_{120}^{(00)} - m_{010}^{(20)} m_{010}^{(22)} m_{002}^{(11)} m_{210}^{(00)}
\end{aligned}
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\begin{aligned}
&-m_{010}^{(20)}m_{001}^{(00)}m_{200}^{(11)}m_{012}^{(21)}+2m_{010}^{(20)}m_{001}^{(00)}m_{200}^{(21)}m_{021}^{(21)}-m_{010}^{(20)}m_{001}^{(00)}m_{200}^{(22)}m_{030}^{(21)}\\
&-2m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(10)}m_{012}^{(21)}+3m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(11)}m_{102}^{(21)}+m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(11)}m_{003}^{(10)}\\
&+2m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(20)}m_{021}^{(21)}-4m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{111}^{(21)}-2m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(22)}m_{120}^{(21)}+m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(22)}m_{021}^{(10)}+2m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(10)}m_{021}^{(21)}\\
&-2m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(11)}m_{111}^{(21)}-2m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(20)}m_{030}^{(21)}+2m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(21)}m_{120}^{(21)}\\
&+m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(10)}m_{012}^{(20)}-m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(11)}m_{102}^{(20)}-m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(11)}m_{003}^{(00)}\\
&-m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(20)}m_{021}^{(20)}+m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{111}^{(20)}+2m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{012}^{(00)}\\
&-m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(22)}m_{021}^{(00)}-m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{021}^{(20)}+m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{111}^{(20)}-2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{102}^{(10)}+m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{012}^{(00)}\\
&+m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(20)}m_{030}^{(20)}-m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(10)}-m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{120}^{(20)}\\
&+3m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(10)}-2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{021}^{(00)}-m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(22)}m_{120}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(22)}m_{030}^{(00)}-m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(10)}m_{021}^{(10)}+m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(10)}m_{111}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(20)}m_{030}^{(10)}-m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(21)}m_{120}^{(10)}+2m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(10)}m_{012}^{(21)}\\
&-m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(11)}m_{102}^{(21)}+m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(11)}m_{012}^{(20)}-m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(11)}m_{003}^{(10)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(20)}m_{021}^{(21)}-2m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(20)}+2m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(22)}m_{120}^{(21)}+m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(22)}m_{030}^{(20)}-m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(22)}m_{021}^{(10)}\\
&+2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(00)}m_{012}^{(21)}-3m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(21)}-m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{003}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(11)}m_{102}^{(20)}+m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(11)}m_{003}^{(00)}-m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(21)}\\
&+m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(10)}+3m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{201}^{(21)}+2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(20)}\\
&+m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(10)}-2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(00)}-m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{210}^{(21)}\\
&-m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{120}^{(20)}-m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(10)}+m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{021}^{(00)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(00)}m_{021}^{(21)}+m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(21)}-m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(20)}\\
&+m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{201}^{(21)}+m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(20)}+m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{102}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{012}^{(00)}+3m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{120}^{(21)}+m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{030}^{(20)}\\
&-3m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{210}^{(21)}-m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(20)}-2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(10)}\\
&+2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(00)}+m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(22)}m_{120}^{(10)}-m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(22)}m_{030}^{(00)}\\
&-m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(00)}m_{012}^{(20)}+m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(20)}+m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{003}^{(00)}\\
&+m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{111}^{(20)}-m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{012}^{(00)}-m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{201}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{102}^{(00)}+m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(22)}m_{111}^{(00)}+m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(00)}m_{021}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(00)}m_{012}^{(10)}+2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(10)}-2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{012}^{(00)}\\
&-m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{201}^{(20)}+m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{102}^{(00)}-2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(20)}\\
&+2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{021}^{(00)}+2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{210}^{(20)}-2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(22)}m_{210}^{(10)}-m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(22)}m_{120}^{(00)}+m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(00)}m_{021}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(10)}+m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{021}^{(00)}-m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(11)}m_{111}^{(00)}\\
&-m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(10)}-m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(20)}m_{030}^{(00)}+m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(21)}m_{210}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(21)}m_{120}^{(00)}-m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(00)}m_{012}^{(21)}+m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(10)}m_{102}^{(21)}\\
&-m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(20)}+m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(10)}m_{003}^{(10)}+m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(20)}m_{111}^{(21)}\\
&+m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(20)}m_{021}^{(20)}-m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(10)}-m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(21)}m_{201}^{(21)}
\end{aligned}
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\begin{aligned}
&+m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(21)}m_{111}^{(20)} - m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(10)} - m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(22)}m_{120}^{(20)}\\
&+m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(22)}m_{111}^{(10)} + m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(20)} - m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(10)}m_{003}^{(00)}\\
&-m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(20)} + m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{012}^{(00)} - m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{201}^{(20)}\\
&+m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{102}^{(00)} + m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(22)}m_{210}^{(20)} - m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(22)}m_{111}^{(00)}\\
&+m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(00)}m_{111}^{(21)} + m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(00)}m_{021}^{(20)} - m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(21)}\\
&-m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(20)} - m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(10)} + m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{012}^{(00)}\\
&-m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{210}^{(21)} - m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{120}^{(20)} + m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{021}^{(00)} + m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{300}^{(21)} + m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{210}^{(20)}\\
&+m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(10)} - m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(00)} - m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(22)}m_{210}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(22)}m_{120}^{(00)} - m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(00)}m_{111}^{(20)} + m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(00)}m_{012}^{(00)}\\
&+m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(20)} - m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{102}^{(00)} + m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{210}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(00)} - m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(21)}m_{300}^{(20)} + m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(21)}m_{201}^{(00)}\\
&-m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(00)}m_{021}^{(00)} + m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(10)}m_{111}^{(00)} + m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(20)}m_{120}^{(00)}\\
&-m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(21)}m_{210}^{(00)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(21)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(11)}m_{111}^{(21)}\\
&+m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(11)}m_{012}^{(10)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(20)}m_{030}^{(21)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(21)}m_{120}^{(21)}\\
&-2m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(10)} + m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(22)}m_{030}^{(10)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(00)}m_{021}^{(21)}\\
&+6m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(21)} + m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(20)} + m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(10)}\\
&-4m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{201}^{(21)} - m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(20)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{102}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{012}^{(00)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(21)} - m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(20)}m_{030}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(10)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(21)} + m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(20)}\\
&+3m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(10)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(00)} - m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(22)}m_{120}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(22)}m_{030}^{(00)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(00)}m_{030}^{(21)} - 4m_{010}^{(20)}m_{001}^{(20)}m_{001}^{(10)}m_{120}^{(21)}\\
&+2m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{210}^{(21)} + m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(00)}m_{021}^{(21)} - 3m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{012}^{(00)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(20)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(11)}m_{102}^{(00)}\\
&+m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{120}^{(20)} + m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{021}^{(00)} - m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{210}^{(20)}\\
&-3m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(00)} + m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(22)}m_{120}^{(00)} - m_{010}^{(20)}m_{001}^{(20)}m_{001}^{(00)}m_{030}^{(20)}\\
&+m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(00)}m_{021}^{(10)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(20)} - 3m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{021}^{(00)} - m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(20)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{201}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{111}^{(00)} + m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(10)} - m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(20)}m_{030}^{(00)}\\
&-m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(10)} + m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(00)} - m_{010}^{(20)}m_{001}^{(20)}m_{001}^{(00)}m_{002}^{(10)}m_{030}^{(20)}\\
&+2m_{010}^{(20)}m_{001}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{120}^{(10)} - m_{010}^{(20)}m_{001}^{(20)}m_{001}^{(11)}m_{002}^{(10)}m_{210}^{(10)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(21)}\\
&-3m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(21)} + m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(20)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{201}^{(21)} - m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(20)} + m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{102}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{120}^{(21)} - m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{030}^{(20)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{210}^{(21)} + m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(20)} - m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(22)}m_{120}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(21)} - m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{021}^{(20)} + m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(21)}\\
&+m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(10)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{012}^{(00)} + m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{102}^{(00)} + m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(21)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(20)}
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\begin{aligned}
&-m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(10)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{021}^{(00)} - m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{300}^{(21)}\\
&-2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(20)} - m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(10)} + m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(22)}m_{120}^{(00)} - m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(21)} - m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(00)}m_{030}^{(20)}\\
&+2m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(21)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(20)} + m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(00)} - m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{300}^{(21)} - m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(10)} + m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{111}^{(00)} - m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(20)}m_{030}^{(00)} + m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(10)} - m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(00)}\\
&+m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(20)} - m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(20)} - m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{102}^{(00)}\\
&-m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(20)} + m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{111}^{(00)} + m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{300}^{(20)}\\
&+m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{201}^{(00)} - m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(22)}m_{210}^{(00)} + m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{120}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{021}^{(00)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(20)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(00)}\\
&+m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{300}^{(20)} - m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{201}^{(00)} + m_{010}^{(20)}m_{001}^{(21)}m_{001}^{(00)}m_{002}^{(00)}m_{030}^{(00)}\\
&-2m_{010}^{(20)}m_{001}^{(21)}m_{002}^{(10)}m_{120}^{(00)} + m_{010}^{(20)}m_{001}^{(21)}m_{002}^{(11)}m_{210}^{(00)} - m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(21)}\\
&+2m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(21)} + m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(10)} - m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{210}^{(21)}\\
&-m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(10)} - m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(10)} + m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(21)} + m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{030}^{(20)} - 2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(21)}\\
&-2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(20)} - m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(10)} - m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{021}^{(00)}\\
&+m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{300}^{(21)} + m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(20)} + m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{201}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{111}^{(00)} + m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(10)} + m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(20)}m_{030}^{(00)}\\
&-m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(10)} - m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(21)}m_{120}^{(00)} - m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{120}^{(20)}\\
&+2m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(20)} + m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{111}^{(00)} - m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(11)}m_{201}^{(00)} - m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(20)}m_{120}^{(00)} + m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(21)}m_{210}^{(00)}\\
&-2(m_{010}^{(21)})^2m_{200}^{(00)}m_{012}^{(20)} + (m_{010}^{(21)})^2m_{200}^{(10)}m_{102}^{(20)} + 3(m_{010}^{(21)})^2m_{200}^{(20)}m_{111}^{(20)}\\
&-(m_{010}^{(21)})^2m_{200}^{(21)}m_{201}^{(20)} - (m_{010}^{(21)})^2m_{200}^{(22)}m_{210}^{(20)} + (m_{010}^{(21)})^2m_{110}^{(00)}m_{102}^{(20)}\\
&-2(m_{010}^{(21)})^2m_{110}^{(20)}m_{201}^{(20)} + (m_{010}^{(21)})^2m_{110}^{(22)}m_{300}^{(20)} + (m_{010}^{(21)})^2m_{101}^{(00)}m_{111}^{(20)}\\
&+2(m_{010}^{(21)})^2m_{101}^{(00)}m_{012}^{(00)} - (m_{010}^{(21)})^2m_{101}^{(10)}m_{201}^{(20)} - (m_{010}^{(21)})^2m_{101}^{(10)}m_{102}^{(00)}\\
&-(m_{010}^{(21)})^2m_{101}^{(20)}m_{210}^{(20)} - 3(m_{010}^{(21)})^2m_{101}^{(20)}m_{111}^{(00)} + (m_{010}^{(21)})^2m_{101}^{(21)}m_{300}^{(20)}\\
&+(m_{010}^{(21)})^2m_{101}^{(21)}m_{201}^{(00)} + (m_{010}^{(21)})^2m_{101}^{(22)}m_{210}^{(00)} - (m_{010}^{(21)})^2m_{011}^{(00)}m_{102}^{(00)}\\
&+2(m_{010}^{(21)})^2m_{011}^{(20)}m_{201}^{(00)} - (m_{010}^{(21)})^2m_{011}^{(22)}m_{300}^{(00)} - (m_{010}^{(21)})^2m_{002}^{(00)}m_{111}^{(00)}\\
&+(m_{010}^{(21)})^2m_{002}^{(10)}m_{201}^{(00)} + (m_{010}^{(21)})^2m_{002}^{(20)}m_{210}^{(00)} - (m_{010}^{(21)})^2m_{002}^{(21)}m_{300}^{(00)}\\
&+3m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(00)}m_{021}^{(20)} - 4m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{111}^{(20)} + m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(11)}m_{201}^{(20)}\\
&-2m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{120}^{(20)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{210}^{(20)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(00)}m_{111}^{(20)}\\
&+2m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{201}^{(20)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{210}^{(20)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(21)}m_{300}^{(20)}\\
&-m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(00)}m_{120}^{(20)} - 3m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(00)}m_{021}^{(00)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{210}^{(20)}\\
&+4m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(00)} - m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(11)}m_{300}^{(20)} - m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(11)}m_{201}^{(00)}\\
&+2m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(00)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(00)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{111}^{(00)}\\
&-2m_{010}^{(21)}m_{010}^{(22)}m_{011}^{(10)}m_{201}^{(00)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(00)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{011}^{(21)}m_{300}^{(00)}\\
&+m_{010}^{(21)}m_{010}^{(22)}m_{002}^{(00)}m_{120}^{(00)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{002}^{(10)}m_{210}^{(00)} + m_{010}^{(21)}m_{010}^{(22)}m_{002}^{(11)}m_{300}^{(00)}
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\begin{aligned}
&+2m_{010}^{(21)}m_{001}^{(00)}m_{200}^{(10)}m_{012}^{(21)} - m_{010}^{(21)}m_{001}^{(00)}m_{200}^{(11)}m_{102}^{(21)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{200}^{(20)}m_{021}^{(21)}\\
&+m_{010}^{(21)}m_{001}^{(00)}m_{200}^{(22)}m_{120}^{(21)} - m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(10)}m_{102}^{(21)} - m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(10)}m_{003}^{(10)}\\
&+m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{111}^{(21)} + m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{012}^{(10)} + m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{201}^{(21)}\\
&+m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{102}^{(10)} - m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(22)}m_{210}^{(21)} - m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(22)}m_{111}^{(10)}\\
&-m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(10)}m_{111}^{(21)} - m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(10)}m_{012}^{(10)} + m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(11)}m_{201}^{(21)}\\
&+m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(11)}m_{102}^{(10)} + m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(20)}m_{120}^{(21)} + m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(20)}m_{021}^{(10)}\\
&-m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{210}^{(21)} - m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{111}^{(10)} + m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(10)}m_{003}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(20)}m_{012}^{(00)} - m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(00)} + m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(22)}m_{111}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{102}^{(10)} - m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(00)} - m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(10)}\\
&+m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(00)} - m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{201}^{(10)} + m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(22)}m_{210}^{(10)} - m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(22)}m_{120}^{(00)} + m_{010}^{(21)}m_{001}^{(00)}m_{002}^{(10)}m_{111}^{(10)}\\
&-m_{010}^{(21)}m_{001}^{(00)}m_{002}^{(11)}m_{201}^{(10)} - m_{010}^{(21)}m_{001}^{(00)}m_{002}^{(20)}m_{120}^{(10)} + m_{010}^{(21)}m_{001}^{(00)}m_{002}^{(21)}m_{210}^{(10)}\\
&-2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(00)}m_{012}^{(21)} + m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(10)}m_{102}^{(21)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(10)}m_{012}^{(20)}\\
&+m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(10)}m_{003}^{(10)} + m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(11)}m_{102}^{(20)} + 3m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{111}^{(21)}\\
&+2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{021}^{(20)} - m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{012}^{(10)} - m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{201}^{(21)}\\
&-m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{102}^{(10)} - m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(22)}m_{210}^{(21)} - m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(22)}m_{120}^{(20)}\\
&+m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(22)}m_{111}^{(10)} + m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(00)}m_{102}^{(21)} + m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(00)}m_{003}^{(10)}\\
&+m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(20)} - m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{003}^{(00)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{201}^{(21)}\\
&-m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(20)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{102}^{(10)} + m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{201}^{(20)} + m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(00)} + m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(22)}m_{300}^{(21)}\\
&+m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(22)}m_{210}^{(20)} + m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(22)}m_{201}^{(10)} - m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{111}^{(21)} + m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{012}^{(10)} - m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{201}^{(21)}\\
&+m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(20)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{102}^{(10)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(11)}m_{201}^{(20)} - m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(11)}m_{102}^{(00)} - m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{210}^{(21)}\\
&-m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{120}^{(20)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(00)} + m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{300}^{(21)}\\
&+m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{210}^{(20)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{201}^{(10)} - m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(22)}m_{210}^{(10)}\\
&+m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(22)}m_{120}^{(00)} - m_{010}^{(21)}m_{001}^{(10)}m_{020}^{(00)}m_{003}^{(00)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(10)}m_{020}^{(22)}m_{201}^{(00)} - m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{102}^{(10)} + m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{012}^{(00)}\\
&+2m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(10)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(00)} - m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(22)}m_{300}^{(10)}\\
&+m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(22)}m_{210}^{(00)} - m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(00)}m_{111}^{(10)} + m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{201}^{(10)}\\
&-m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(00)} + m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(11)}m_{201}^{(00)} + m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(20)}m_{210}^{(10)}\\
&+m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(00)} - m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(21)}m_{300}^{(10)} - m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(21)}m_{210}^{(00)}\\
&+2m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(00)}m_{012}^{(20)} - m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(00)}m_{003}^{(10)} - m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{102}^{(20)}\\
&-3m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{111}^{(20)} + 2m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{102}^{(10)} + m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{201}^{(20)}\\
&+m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(22)}m_{210}^{(20)} - m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(22)}m_{201}^{(10)} - m_{010}^{(21)}m_{001}^{(11)}m_{110}^{(00)}m_{102}^{(20)}\\
&+m_{010}^{(21)}m_{001}^{(11)}m_{110}^{(00)}m_{003}^{(00)} + 2m_{010}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{201}^{(20)} - 2m_{010}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(11)}m_{110}^{(22)}m_{300}^{(20)} + m_{010}^{(21)}m_{001}^{(11)}m_{110}^{(22)}m_{201}^{(00)} - m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{111}^{(20)}\\
&+m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{102}^{(10)} - 2m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{012}^{(00)} + m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(20)}
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\begin{aligned}
&+m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(00)}+m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{210}^{(20)}-2m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{201}^{(10)}\\
&+3m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(00)}-m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{300}^{(20)}-m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(22)}m_{300}^{(10)}-m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(22)}m_{210}^{(00)}+m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{002}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(11)}m_{002}^{(10)}m_{201}^{(00)}-m_{010}^{(21)}m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(00)}+m_{010}^{(21)}m_{001}^{(11)}m_{002}^{(21)}m_{300}^{(00)}\\
&+2m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(00)}m_{021}^{(21)}-3m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{111}^{(21)}-m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{012}^{(10)}\\
&+m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{201}^{(21)}-m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{120}^{(21)}+m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{021}^{(10)}\\
&+m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{210}^{(21)}+m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{111}^{(10)}-m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(22)}m_{120}^{(10)}\\
&-m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{111}^{(21)}-m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{012}^{(10)}+m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{201}^{(21)}\\
&+2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{102}^{(10)}+m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(00)}+m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{210}^{(21)}\\
&-m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(00)}-m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{300}^{(21)}-2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{201}^{(10)}\\
&-m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(00)}+m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(22)}m_{210}^{(10)}+m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(22)}m_{120}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(00)}m_{120}^{(21)}-m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(00)}m_{021}^{(10)}+2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{210}^{(21)}\\
&+2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(10)}-m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{300}^{(21)}-m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{201}^{(10)}\\
&+m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{012}^{(00)}-2m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(00)}+2m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(22)}m_{210}^{(00)}+m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{111}^{(10)}-m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{021}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(10)}+m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(00)}-m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(10)}\\
&+m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(00)}+m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(21)}m_{300}^{(10)}-m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(20)}m_{002}^{(00)}m_{120}^{(10)}-2m_{010}^{(21)}m_{001}^{(20)}m_{002}^{(10)}m_{210}^{(10)}+m_{010}^{(21)}m_{001}^{(20)}m_{002}^{(11)}m_{300}^{(10)}\\
&-2m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(20)}+2m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{012}^{(10)}+3m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(20)}\\
&-m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{102}^{(10)}-m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(11)}m_{201}^{(20)}+m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{120}^{(20)}\\
&-3m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(10)}-m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{210}^{(20)}+m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{201}^{(10)}\\
&+m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(22)}m_{210}^{(10)}+m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(20)}-m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{102}^{(10)}\\
&-2m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{012}^{(00)}-m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(20)}+m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(20)}+2m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(10)}+3m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{300}^{(20)}-m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(00)}-m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(22)}m_{300}^{(10)}\\
&-m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(00)}+m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(20)}-m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(10)}\\
&+2m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{021}^{(00)}-2m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(20)}+m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{201}^{(10)}\\
&-3m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(00)}+m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(11)}m_{300}^{(20)}+m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(10)}-m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(00)}-m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(21)}m_{300}^{(10)}\\
&+m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(00)}+m_{010}^{(21)}m_{001}^{(21)}m_{020}^{(00)}m_{102}^{(00)}-2m_{010}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(21)}m_{020}^{(22)}m_{300}^{(00)}-m_{010}^{(21)}m_{001}^{(21)}m_{002}^{(00)}m_{120}^{(00)}+2m_{010}^{(21)}m_{001}^{(21)}m_{002}^{(10)}m_{210}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(21)}m_{002}^{(11)}m_{300}^{(00)}-m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(00)}m_{021}^{(10)}+m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{111}^{(10)}\\
&+m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(20)}m_{120}^{(10)}-m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(21)}m_{210}^{(10)}+m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{111}^{(10)}\\
&+m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{021}^{(00)}-m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{201}^{(10)}-m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(20)}m_{210}^{(10)}-m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(00)}+m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(21)}m_{300}^{(10)}\\
&+m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(00)}-m_{010}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(00)}+m_{010}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(00)}-m_{010}^{(21)}m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(00)}-(m_{010}^{(22)})^2m_{200}^{(00)}m_{030}^{(20)}\\
&+2(m_{010}^{(22)})^2m_{200}^{(10)}m_{120}^{(20)}-(m_{010}^{(22)})^2m_{200}^{(11)}m_{210}^{(20)}+(m_{010}^{(22)})^2m_{110}^{(00)}m_{120}^{(20)}
\end{aligned}
$$

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\begin{aligned}
&-2(m_{010}^{(22)})^2 m_{110}^{(10)} m_{210}^{(20)} + (m_{010}^{(22)})^2 m_{110}^{(11)} m_{300}^{(20)} + (m_{010}^{(22)})^2 m_{101}^{(00)} m_{030}^{(00)} \\
&-2(m_{010}^{(22)})^2 m_{101}^{(10)} m_{120}^{(00)} + (m_{010}^{(22)})^2 m_{101}^{(11)} m_{210}^{(00)} - (m_{010}^{(22)})^2 m_{011}^{(00)} m_{120}^{(00)} \\
&+2(m_{010}^{(22)})^2 m_{011}^{(10)} m_{210}^{(00)} - (m_{010}^{(22)})^2 m_{011}^{(11)} m_{300}^{(00)} - m_{010}^{(22)} m_{001}^{(00)} m_{200}^{(10)} m_{021}^{(21)} \\
&+m_{010}^{(22)} m_{001}^{(00)} m_{200}^{(11)} m_{111}^{(21)} + m_{010}^{(22)} m_{001}^{(00)} m_{200}^{(20)} m_{030}^{(21)} - m_{010}^{(22)} m_{001}^{(00)} m_{200}^{(21)} m_{120}^{(21)} \\
&+m_{010}^{(22)} m_{001}^{(00)} m_{110}^{(10)} m_{111}^{(21)} + m_{010}^{(22)} m_{001}^{(00)} m_{110}^{(10)} m_{012}^{(10)} - m_{010}^{(22)} m_{001}^{(00)} m_{110}^{(11)} m_{201}^{(21)} \\
&-m_{010}^{(22)} m_{001}^{(00)} m_{110}^{(11)} m_{102}^{(10)} - m_{010}^{(22)} m_{001}^{(00)} m_{110}^{(20)} m_{120}^{(21)} - m_{010}^{(22)} m_{001}^{(00)} m_{110}^{(20)} m_{021}^{(10)} \\
&+m_{010}^{(22)} m_{001}^{(00)} m_{110}^{(21)} m_{210}^{(21)} + m_{010}^{(22)} m_{001}^{(00)} m_{110}^{(21)} m_{111}^{(10)} - m_{010}^{(22)} m_{001}^{(00)} m_{020}^{(10)} m_{012}^{(00)} \\
&+m_{010}^{(22)} m_{001}^{(00)} m_{020}^{(11)} m_{102}^{(00)} + m_{010}^{(22)} m_{001}^{(00)} m_{020}^{(20)} m_{021}^{(00)} - m_{010}^{(22)} m_{001}^{(00)} m_{020}^{(21)} m_{111}^{(00)} \\
&-m_{010}^{(22)} m_{001}^{(00)} m_{011}^{(10)} m_{111}^{(10)} + m_{010}^{(22)} m_{001}^{(00)} m_{011}^{(10)} m_{021}^{(00)} + m_{010}^{(22)} m_{001}^{(00)} m_{011}^{(11)} m_{201}^{(10)} \\
&-m_{010}^{(22)} m_{001}^{(00)} m_{011}^{(11)} m_{111}^{(00)} + m_{010}^{(22)} m_{001}^{(00)} m_{011}^{(20)} m_{120}^{(10)} - m_{010}^{(22)} m_{001}^{(00)} m_{011}^{(20)} m_{030}^{(00)} \\
&-m_{010}^{(22)} m_{001}^{(00)} m_{011}^{(21)} m_{210}^{(10)} + m_{010}^{(22)} m_{001}^{(00)} m_{011}^{(21)} m_{120}^{(00)} + m_{010}^{(22)} m_{001}^{(10)} m_{200}^{(00)} m_{021}^{(21)} \\
&-m_{010}^{(22)} m_{001}^{(10)} m_{200}^{(10)} m_{111}^{(21)} + m_{010}^{(22)} m_{001}^{(10)} m_{200}^{(10)} m_{021}^{(20)} - m_{010}^{(22)} m_{001}^{(10)} m_{200}^{(10)} m_{012}^{(10)} \\
&-m_{010}^{(22)} m_{001}^{(10)} m_{200}^{(11)} m_{111}^{(20)} + m_{010}^{(22)} m_{001}^{(10)} m_{200}^{(11)} m_{102}^{(10)} - m_{010}^{(22)} m_{001}^{(10)} m_{200}^{(20)} m_{120}^{(21)} \\
&-m_{010}^{(22)} m_{001}^{(10)} m_{200}^{(20)} m_{030}^{(20)} + m_{010}^{(22)} m_{001}^{(10)} m_{200}^{(20)} m_{021}^{(10)} + m_{010}^{(22)} m_{001}^{(10)} m_{200}^{(21)} m_{210}^{(21)} \\
&+m_{010}^{(22)} m_{001}^{(10)} m_{200}^{(21)} m_{120}^{(20)} - m_{010}^{(22)} m_{001}^{(10)} m_{200}^{(21)} m_{111}^{(10)} - m_{010}^{(22)} m_{001}^{(10)} m_{110}^{(00)} m_{111}^{(21)} \\
&-m_{010}^{(22)} m_{001}^{(10)} m_{110}^{(00)} m_{012}^{(10)} + m_{010}^{(22)} m_{001}^{(10)} m_{110}^{(10)} m_{201}^{(21)} - m_{010}^{(22)} m_{001}^{(10)} m_{110}^{(10)} m_{111}^{(20)} \\
&+m_{010}^{(22)} m_{001}^{(10)} m_{110}^{(10)} m_{102}^{(10)} + m_{010}^{(22)} m_{001}^{(10)} m_{110}^{(10)} m_{012}^{(00)} + m_{010}^{(22)} m_{001}^{(10)} m_{110}^{(11)} m_{201}^{(20)} \\
&-m_{010}^{(22)} m_{001}^{(10)} m_{110}^{(11)} m_{102}^{(00)} + m_{010}^{(22)} m_{001}^{(10)} m_{110}^{(20)} m_{210}^{(21)} + m_{010}^{(22)} m_{001}^{(10)} m_{110}^{(20)} m_{120}^{(20)} \\
&+m_{010}^{(22)} m_{001}^{(10)} m_{110}^{(20)} m_{111}^{(10)} - m_{010}^{(22)} m_{001}^{(10)} m_{110}^{(20)} m_{021}^{(00)} - m_{010}^{(22)} m_{001}^{(10)} m_{110}^{(21)} m_{300}^{(21)} \\
&-m_{010}^{(22)} m_{001}^{(10)} m_{110}^{(21)} m_{210}^{(20)} - m_{010}^{(22)} m_{001}^{(10)} m_{110}^{(21)} m_{201}^{(10)} + m_{010}^{(22)} m_{001}^{(10)} m_{110}^{(21)} m_{111}^{(00)} \\
&+m_{010}^{(22)} m_{001}^{(10)} m_{101}^{(10)} m_{111}^{(10)} - m_{010}^{(22)} m_{001}^{(10)} m_{101}^{(10)} m_{021}^{(00)} - m_{010}^{(22)} m_{001}^{(10)} m_{101}^{(11)} m_{201}^{(10)} \\
&+m_{010}^{(22)} m_{001}^{(10)} m_{101}^{(11)} m_{111}^{(00)} - m_{010}^{(22)} m_{001}^{(10)} m_{101}^{(20)} m_{120}^{(10)} + m_{010}^{(22)} m_{001}^{(10)} m_{101}^{(20)} m_{030}^{(00)} \\
&+m_{010}^{(22)} m_{001}^{(10)} m_{101}^{(21)} m_{210}^{(10)} - m_{010}^{(22)} m_{001}^{(10)} m_{101}^{(21)} m_{120}^{(00)} + m_{010}^{(22)} m_{001}^{(10)} m_{020}^{(00)} m_{012}^{(00)} \\
&-m_{010}^{(22)} m_{001}^{(10)} m_{020}^{(10)} m_{102}^{(00)} - m_{010}^{(22)} m_{001}^{(10)} m_{020}^{(20)} m_{111}^{(00)} + m_{010}^{(22)} m_{001}^{(10)} m_{020}^{(21)} m_{201}^{(00)} \\
&+m_{010}^{(22)} m_{001}^{(10)} m_{011}^{(00)} m_{111}^{(10)} - m_{010}^{(22)} m_{001}^{(10)} m_{011}^{(00)} m_{021}^{(00)} - m_{010}^{(22)} m_{001}^{(10)} m_{011}^{(10)} m_{201}^{(10)} \\
&+m_{010}^{(22)} m_{001}^{(10)} m_{011}^{(10)} m_{111}^{(00)} - m_{010}^{(22)} m_{001}^{(10)} m_{011}^{(20)} m_{210}^{(10)} + m_{010}^{(22)} m_{001}^{(10)} m_{011}^{(20)} m_{120}^{(00)} \\
&+m_{010}^{(22)} m_{001}^{(10)} m_{011}^{(21)} m_{300}^{(10)} - m_{010}^{(22)} m_{001}^{(10)} m_{011}^{(21)} m_{210}^{(00)} - m_{010}^{(22)} m_{001}^{(11)} m_{200}^{(00)} m_{021}^{(20)} \\
&+m_{010}^{(22)} m_{001}^{(11)} m_{200}^{(10)} m_{012}^{(20)} + m_{010}^{(22)} m_{001}^{(11)} m_{200}^{(20)} m_{111}^{(10)} - m_{010}^{(22)} m_{001}^{(11)} m_{200}^{(10)} m_{102}^{(20)} \\
&+m_{010}^{(22)} m_{001}^{(11)} m_{200}^{(20)} m_{120}^{(20)} - m_{010}^{(22)} m_{001}^{(11)} m_{200}^{(20)} m_{111}^{(10)} - m_{010}^{(22)} m_{001}^{(11)} m_{200}^{(21)} m_{210}^{(20)} \\
&+m_{010}^{(22)} m_{001}^{(11)} m_{200}^{(21)} m_{201}^{(10)} + m_{010}^{(22)} m_{001}^{(11)} m_{110}^{(00)} m_{111}^{(20)} - m_{010}^{(22)} m_{001}^{(11)} m_{110}^{(00)} m_{012}^{(00)} \\
&-m_{010}^{(22)} m_{001}^{(11)} m_{110}^{(10)} m_{201}^{(20)} + m_{010}^{(22)} m_{001}^{(11)} m_{110}^{(10)} m_{102}^{(00)} - m_{010}^{(22)} m_{001}^{(11)} m_{110}^{(20)} m_{210}^{(20)} \\
&+m_{010}^{(22)} m_{001}^{(11)} m_{110}^{(20)} m_{111}^{(00)} + m_{010}^{(22)} m_{001}^{(11)} m_{110}^{(21)} m_{300}^{(20)} - m_{010}^{(22)} m_{001}^{(11)} m_{110}^{(21)} m_{201}^{(00)} \\
&-m_{010}^{(22)} m_{001}^{(11)} m_{101}^{(00)} m_{111}^{(10)} + m_{010}^{(22)} m_{001}^{(11)} m_{101}^{(00)} m_{021}^{(00)} + m_{010}^{(22)} m_{001}^{(11)} m_{101}^{(10)} m_{201}^{(10)} \\
&-m_{010}^{(22)} m_{001}^{(11)} m_{101}^{(10)} m_{111}^{(00)} + m_{010}^{(22)} m_{001}^{(11)} m_{101}^{(20)} m_{210}^{(10)} - m_{010}^{(22)} m_{001}^{(11)} m_{101}^{(20)} m_{120}^{(00)} \\
&-m_{010}^{(22)} m_{001}^{(11)} m_{101}^{(21)} m_{300}^{(10)} + m_{010}^{(22)} m_{001}^{(11)} m_{101}^{(21)} m_{210}^{(00)} - m_{010}^{(22)} m_{001}^{(20)} m_{200}^{(00)} m_{030}^{(21)} \\
&+2m_{010}^{(22)} m_{001}^{(20)} m_{200}^{(10)} m_{120}^{(21)} + m_{010}^{(22)} m_{001}^{(20)} m_{200}^{(10)} m_{021}^{(10)} - m_{010}^{(22)} m_{001}^{(20)} m_{200}^{(11)} m_{210}^{(21)} \\
&-m_{010}^{(22)} m_{001}^{(20)} m_{200}^{(11)} m_{111}^{(10)} - m_{010}^{(22)} m_{001}^{(20)} m_{200}^{(20)} m_{030}^{(10)} + m_{010}^{(22)} m_{001}^{(20)} m_{200}^{(21)} m_{120}^{(10)} \\
&+m_{010}^{(22)} m_{001}^{(20)} m_{110}^{(00)} m_{120}^{(21)} + m_{010}^{(22)} m_{001}^{(20)} m_{110}^{(00)} m_{021}^{(10)} - 2m_{010}^{(22)} m_{001}^{(20)} m_{110}^{(10)} m_{210}^{(21)}
\end{aligned}
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\begin{aligned}
&-3m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(10)} - m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(00)} + m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{300}^{(21)}\\
&+2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{201}^{(10)} + m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(00)} + m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(10)}\\
&+m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(20)}m_{030}^{(00)} - m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(10)} - m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(00)}\\
&-m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{021}^{(00)} + 3m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(00)} - 2m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(00)}\\
&-m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(20)}m_{120}^{(00)} + m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(21)}m_{210}^{(00)} - m_{010}^{(22)}m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(10)}\\
&+m_{010}^{(22)}m_{001}^{(20)}m_{011}^{(00)}m_{030}^{(00)} + 2m_{010}^{(22)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(10)} - 2m_{010}^{(22)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(00)}\\
&-m_{010}^{(22)}m_{001}^{(20)}m_{011}^{(11)}m_{300}^{(10)} + m_{010}^{(22)}m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(00)} + m_{010}^{(22)}m_{001}^{(21)}m_{001}^{(00)}m_{030}^{(20)}\\
&-2m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(10)} - 2m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{120}^{(20)} + 3m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(10)}\\
&+m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{210}^{(20)} - m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{201}^{(10)} + m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(20)}m_{120}^{(10)}\\
&-m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(21)}m_{210}^{(10)} - m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{120}^{(20)} + m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(10)}\\
&+2m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{021}^{(00)} + 2m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{210}^{(20)} - m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(10)}\\
&-3m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(00)} - m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(11)}m_{300}^{(20)} + m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(00)}\\
&-m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(10)} - m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(00)} + m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(21)}m_{300}^{(10)}\\
&+m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(00)} + m_{010}^{(22)}m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(10)} - m_{010}^{(22)}m_{001}^{(21)}m_{101}^{(00)}m_{030}^{(00)}\\
&-2m_{010}^{(22)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(10)} + 2m_{010}^{(22)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(00)} + m_{010}^{(22)}m_{001}^{(21)}m_{101}^{(11)}m_{300}^{(10)}\\
&-m_{010}^{(22)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(00)} - m_{010}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(00)} + m_{010}^{(22)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(00)}\\
&+m_{010}^{(22)}m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(00)} - m_{010}^{(22)}m_{001}^{(21)}m_{020}^{(21)}m_{300}^{(00)} + m_{010}^{(22)}m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(10)}\\
&-2m_{010}^{(22)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(10)} + m_{010}^{(22)}m_{001}^{(22)}m_{200}^{(11)}m_{210}^{(10)} - m_{010}^{(22)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(10)}\\
&-m_{010}^{(22)}m_{001}^{(22)}m_{110}^{(00)}m_{030}^{(00)} + 2m_{010}^{(22)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(10)} + 2m_{010}^{(22)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(00)}\\
&-m_{010}^{(22)}m_{001}^{(22)}m_{110}^{(11)}m_{300}^{(10)} - m_{010}^{(22)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(00)} + m_{010}^{(22)}m_{001}^{(22)}m_{020}^{(00)}m_{120}^{(00)}\\
&-2m_{010}^{(22)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(00)} + m_{010}^{(22)}m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(00)} + (m_{001}^{(00)})^2m_{110}^{(11)}m_{003}^{(11)}\\
&-2(m_{001}^{(00)})^2m_{110}^{(21)}m_{012}^{(11)} + (m_{001}^{(00)})^2m_{110}^{(22)}m_{021}^{(11)} - (m_{001}^{(00)})^2m_{101}^{(11)}m_{012}^{(11)}\\
&+2(m_{001}^{(00)})^2m_{101}^{(21)}m_{021}^{(11)} - (m_{001}^{(00)})^2m_{101}^{(22)}m_{030}^{(11)} - (m_{001}^{(00)})^2m_{020}^{(11)}m_{003}^{(10)}\\
&+2(m_{001}^{(00)})^2m_{020}^{(21)}m_{012}^{(10)} - (m_{001}^{(00)})^2m_{020}^{(22)}m_{021}^{(10)} + (m_{001}^{(00)})^2m_{011}^{(11)}m_{012}^{(10)}\\
&-2(m_{001}^{(00)})^2m_{011}^{(21)}m_{021}^{(10)} + (m_{001}^{(00)})^2m_{011}^{(22)}m_{030}^{(10)} - m_{001}^{(00)}m_{001}^{(10)}m_{200}^{(11)}m_{003}^{(11)}\\
&+2m_{001}^{(00)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(11)} - m_{001}^{(00)}m_{001}^{(10)}m_{200}^{(22)}m_{021}^{(11)} - 2m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(10)}m_{003}^{(11)}\\
&+2m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(11)} + 2m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(11)} - 2m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(11)}\\
&+2m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(11)} + m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(11)}m_{102}^{(11)} + m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(11)}m_{012}^{(10)}\\
&-2m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(11)} - 4m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(11)} - 2m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(10)}\\
&+3m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(22)}m_{120}^{(11)} + m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(22)}m_{030}^{(10)} + 2m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(10)}m_{003}^{(10)}\\
&+m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(11)}m_{003}^{(00)} - 2m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{012}^{(10)} - 2m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{102}^{(10)}\\
&-2m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{012}^{(00)} + 2m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{111}^{(10)} + m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{021}^{(00)}\\
&-2m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{012}^{(10)} - m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{102}^{(10)} - m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{012}^{(00)}\\
&+2m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{021}^{(10)} + 4m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(10)} + 2m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{021}^{(00)}\\
&-3m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{120}^{(10)} - m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{030}^{(00)} + m_{001}^{(00)}m_{001}^{(11)}m_{200}^{(10)}m_{003}^{(11)}\\
&-m_{001}^{(00)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(11)} - m_{001}^{(00)}m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(11)} + m_{001}^{(00)}m_{001}^{(11)}m_{200}^{(22)}m_{111}^{(11)}\\
&-m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(11)} - m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(10)}m_{012}^{(10)} + m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(11)}\\
&+m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(20)}m_{021}^{(10)} + m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(11)} + m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(10)}
\end{aligned}
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\begin{aligned}
&-m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(22)}m_{210}^{(11)} - m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(22)}m_{120}^{(10)} - m_{001}^{(00)}m_{001}^{(11)}m_{020}^{(10)}m_{003}^{(00)}\\
&+m_{001}^{(00)}m_{001}^{(11)}m_{020}^{(20)}m_{012}^{(00)} + m_{001}^{(00)}m_{001}^{(11)}m_{020}^{(21)}m_{102}^{(00)} - m_{001}^{(00)}m_{001}^{(11)}m_{020}^{(22)}m_{111}^{(00)}\\
&+m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(10)}m_{102}^{(10)} + m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(10)}m_{012}^{(00)} - m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(10)}\\
&-m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{021}^{(00)} - m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{201}^{(10)} - m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{111}^{(00)}\\
&+m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(22)}m_{210}^{(10)} + m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(22)}m_{120}^{(00)} + m_{001}^{(00)}m_{001}^{(20)}m_{200}^{(11)}m_{012}^{(11)}\\
&-2m_{001}^{(00)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(11)} + m_{001}^{(00)}m_{001}^{(20)}m_{200}^{(22)}m_{030}^{(11)} + 2m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(11)}\\
&-3m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(11)}m_{102}^{(11)} - m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(11)}m_{012}^{(10)} - 2m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(11)}\\
&+4m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(11)} + 2m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(10)} - m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(22)}m_{120}^{(11)}\\
&-m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(22)}m_{030}^{(10)} - 2m_{001}^{(00)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(11)} + 2m_{001}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(11)}\\
&+2m_{001}^{(00)}m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(11)} - 2m_{001}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(11)} - 2m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{012}^{(10)}\\
&+3m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{102}^{(10)} + 2m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{021}^{(10)} - 4m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(10)}\\
&+m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(22)}m_{120}^{(10)} + 2m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{021}^{(10)} - 2m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{111}^{(10)}\\
&-2m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{030}^{(10)} + 2m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(10)} - 2m_{001}^{(00)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(11)}\\
&+m_{001}^{(00)}m_{001}^{(21)}m_{200}^{(11)}m_{102}^{(11)} + 2m_{001}^{(00)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(11)} - m_{001}^{(00)}m_{001}^{(21)}m_{200}^{(22)}m_{120}^{(11)}\\
&+m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(11)} + m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{012}^{(10)} - m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(11)}\\
&-m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{021}^{(10)} - m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(11)} - m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(10)}\\
&+m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(11)} + m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(22)}m_{120}^{(10)} + m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(11)}\\
&+m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(10)} - m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(11)} - m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{111}^{(10)}\\
&-m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(11)} - m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(20)}m_{030}^{(10)} + m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(11)}\\
&+m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(10)} - m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{102}^{(10)} + m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{012}^{(00)}\\
&-m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(11)}m_{102}^{(00)} + m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{111}^{(10)} - m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{021}^{(00)}\\
&+m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{201}^{(10)} + m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{111}^{(00)} - m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{210}^{(10)}\\
&-m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(10)} - m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{021}^{(00)} + m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{201}^{(10)}\\
&+m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{111}^{(00)} + m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{120}^{(10)} + m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{030}^{(00)}\\
&-m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(10)} - m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{120}^{(00)} + m_{001}^{(00)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(11)}\\
&-m_{001}^{(00)}m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(11)} - m_{001}^{(00)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(11)} + m_{001}^{(00)}m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(11)}\\
&-m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(11)} - m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{021}^{(10)} + m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(11)}m_{201}^{(11)}\\
&+m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(11)}m_{111}^{(10)} + m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(11)} + m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(20)}m_{030}^{(10)}\\
&-m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(11)} - m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(21)}m_{120}^{(10)} + m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(10)}m_{111}^{(10)}\\
&-m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(11)}m_{201}^{(10)} - m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(20)}m_{120}^{(10)} + m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(21)}m_{210}^{(10)}\\
&+(m_{001}^{(10)})^2m_{200}^{(10)}m_{003}^{(11)} + (m_{001}^{(10)})^2m_{200}^{(11)}m_{003}^{(10)} - (m_{001}^{(10)})^2m_{200}^{(20)}m_{012}^{(11)}\\
&-(m_{001}^{(10)})^2m_{200}^{(21)}m_{102}^{(11)} - 2(m_{001}^{(10)})^2m_{200}^{(21)}m_{012}^{(10)} + (m_{001}^{(10)})^2m_{200}^{(22)}m_{111}^{(11)}\\
&+(m_{001}^{(10)})^2m_{200}^{(22)}m_{021}^{(10)} + (m_{001}^{(10)})^2m_{110}^{(00)}m_{003}^{(11)} - (m_{001}^{(10)})^2m_{110}^{(11)}m_{003}^{(00)}\\
&-2(m_{001}^{(10)})^2m_{110}^{(20)}m_{102}^{(11)} + 2(m_{001}^{(10)})^2m_{110}^{(21)}m_{012}^{(00)} + (m_{001}^{(10)})^2m_{110}^{(22)}m_{201}^{(11)}\\
&-(m_{001}^{(10)})^2m_{110}^{(22)}m_{021}^{(00)} - (m_{001}^{(10)})^2m_{101}^{(00)}m_{012}^{(11)} - (m_{001}^{(10)})^2m_{101}^{(10)}m_{102}^{(11)}\\
&-(m_{001}^{(10)})^2m_{101}^{(10)}m_{012}^{(10)} - (m_{001}^{(10)})^2m_{101}^{(11)}m_{102}^{(10)} + 3(m_{001}^{(10)})^2m_{101}^{(20)}m_{111}^{(11)}\\
&+(m_{001}^{(10)})^2m_{101}^{(20)}m_{021}^{(10)} + (m_{001}^{(10)})^2m_{101}^{(21)}m_{201}^{(11)} + 3(m_{001}^{(10)})^2m_{101}^{(21)}m_{111}^{(10)}\\
&-2(m_{001}^{(10)})^2m_{101}^{(22)}m_{210}^{(11)} - 2(m_{001}^{(10)})^2m_{101}^{(22)}m_{120}^{(10)} - (m_{001}^{(10)})^2m_{020}^{(00)}m_{003}^{(10)}
\end{aligned}
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\begin{aligned}
&-(m_{001}^{(10)})^2 m_{020}^{(10)} m_{003}^{(00)} + 2(m_{001}^{(10)})^2 m_{020}^{(20)} m_{102}^{(10)} + (m_{001}^{(10)})^2 m_{020}^{(20)} m_{012}^{(00)} \\
&+(m_{001}^{(10)})^2 m_{020}^{(21)} m_{102}^{(00)} - (m_{001}^{(10)})^2 m_{020}^{(22)} m_{201}^{(10)} - (m_{001}^{(10)})^2 m_{020}^{(22)} m_{111}^{(00)} \\
&+(m_{001}^{(10)})^2 m_{011}^{(00)} m_{012}^{(10)} + (m_{001}^{(10)})^2 m_{011}^{(10)} m_{102}^{(10)} + (m_{001}^{(10)})^2 m_{011}^{(10)} m_{012}^{(00)} \\
&+(m_{001}^{(10)})^2 m_{011}^{(11)} m_{102}^{(00)} - 3(m_{001}^{(10)})^2 m_{011}^{(20)} m_{111}^{(10)} - (m_{001}^{(10)})^2 m_{011}^{(20)} m_{021}^{(00)} \\
&-(m_{001}^{(10)})^2 m_{011}^{(21)} m_{201}^{(10)} - 3(m_{001}^{(10)})^2 m_{011}^{(21)} m_{111}^{(00)} + 2(m_{001}^{(10)})^2 m_{011}^{(22)} m_{210}^{(10)} \\
&+2(m_{001}^{(10)})^2 m_{011}^{(22)} m_{120}^{(00)} - m_{001}^{(10)} m_{001}^{(11)} m_{200}^{(00)} m_{003}^{(11)} - 2m_{001}^{(10)} m_{001}^{(11)} m_{200}^{(10)} m_{003}^{(10)} \\
&+2m_{001}^{(10)} m_{001}^{(11)} m_{200}^{(20)} m_{102}^{(11)} + 2m_{001}^{(10)} m_{001}^{(11)} m_{200}^{(20)} m_{012}^{(10)} + 2m_{001}^{(10)} m_{001}^{(11)} m_{200}^{(21)} m_{102}^{(10)} \\
&-m_{001}^{(10)} m_{001}^{(11)} m_{200}^{(22)} m_{201}^{(11)} - 2m_{001}^{(10)} m_{001}^{(11)} m_{200}^{(22)} m_{111}^{(10)} + 2m_{001}^{(10)} m_{001}^{(11)} m_{110}^{(10)} m_{003}^{(00)} \\
&-2m_{001}^{(10)} m_{001}^{(11)} m_{110}^{(20)} m_{012}^{(00)} - 2m_{001}^{(10)} m_{001}^{(11)} m_{110}^{(21)} m_{102}^{(00)} + 2m_{001}^{(10)} m_{001}^{(11)} m_{110}^{(22)} m_{111}^{(00)} \\
&+m_{001}^{(10)} m_{001}^{(11)} m_{101}^{(00)} m_{102}^{(11)} + m_{001}^{(10)} m_{001}^{(11)} m_{101}^{(00)} m_{012}^{(10)} + 2m_{001}^{(10)} m_{001}^{(11)} m_{101}^{(10)} m_{102}^{(10)} \\
&-2m_{001}^{(10)} m_{001}^{(11)} m_{101}^{(20)} m_{201}^{(11)} - 4m_{001}^{(10)} m_{001}^{(11)} m_{101}^{(20)} m_{111}^{(10)} - 2m_{001}^{(10)} m_{001}^{(11)} m_{101}^{(21)} m_{201}^{(10)} \\
&+m_{001}^{(10)} m_{001}^{(11)} m_{101}^{(22)} m_{300}^{(11)} + 3m_{001}^{(10)} m_{001}^{(11)} m_{101}^{(22)} m_{210}^{(10)} + m_{001}^{(10)} m_{001}^{(11)} m_{020}^{(00)} m_{003}^{(00)} \\
&-2m_{001}^{(10)} m_{001}^{(11)} m_{020}^{(20)} m_{102}^{(00)} + m_{001}^{(10)} m_{001}^{(11)} m_{020}^{(22)} m_{201}^{(00)} - m_{001}^{(10)} m_{001}^{(11)} m_{011}^{(00)} m_{102}^{(10)} \\
&-m_{001}^{(10)} m_{001}^{(11)} m_{011}^{(00)} m_{012}^{(00)} - 2m_{001}^{(10)} m_{001}^{(11)} m_{011}^{(10)} m_{102}^{(00)} + 2m_{001}^{(10)} m_{001}^{(11)} m_{011}^{(20)} m_{201}^{(10)} \\
&+4m_{001}^{(10)} m_{001}^{(11)} m_{011}^{(20)} m_{111}^{(00)} + 2m_{001}^{(10)} m_{001}^{(11)} m_{011}^{(21)} m_{201}^{(00)} - m_{001}^{(10)} m_{001}^{(11)} m_{011}^{(22)} m_{300}^{(10)} \\
&-3m_{001}^{(10)} m_{001}^{(11)} m_{011}^{(22)} m_{210}^{(00)} - 2m_{001}^{(10)} m_{001}^{(20)} m_{200}^{(10)} m_{012}^{(11)} + m_{001}^{(10)} m_{001}^{(20)} m_{200}^{(11)} m_{102}^{(11)} \\
&-m_{001}^{(10)} m_{001}^{(20)} m_{200}^{(11)} m_{012}^{(10)} + 2m_{001}^{(10)} m_{001}^{(20)} m_{200}^{(20)} m_{021}^{(11)} + 2m_{001}^{(10)} m_{001}^{(20)} m_{200}^{(21)} m_{021}^{(10)} \\
&-m_{001}^{(10)} m_{001}^{(20)} m_{200}^{(22)} m_{120}^{(11)} - m_{001}^{(10)} m_{001}^{(20)} m_{200}^{(22)} m_{030}^{(10)} - 2m_{001}^{(10)} m_{001}^{(20)} m_{110}^{(00)} m_{012}^{(11)} \\
&+3m_{001}^{(10)} m_{001}^{(20)} m_{110}^{(10)} m_{102}^{(11)} + m_{001}^{(10)} m_{001}^{(20)} m_{110}^{(10)} m_{012}^{(10)} + m_{001}^{(10)} m_{001}^{(20)} m_{110}^{(11)} m_{102}^{(10)} \\
&+m_{001}^{(10)} m_{001}^{(20)} m_{110}^{(11)} m_{012}^{(00)} + m_{001}^{(10)} m_{001}^{(20)} m_{110}^{(20)} m_{111}^{(11)} - m_{001}^{(10)} m_{001}^{(20)} m_{110}^{(20)} m_{021}^{(10)} \\
&-3m_{001}^{(10)} m_{001}^{(20)} m_{110}^{(21)} m_{201}^{(11)} - 3m_{001}^{(10)} m_{001}^{(20)} m_{110}^{(21)} m_{111}^{(10)} - 2m_{001}^{(10)} m_{001}^{(20)} m_{110}^{(21)} m_{021}^{(00)} \\
&+m_{001}^{(10)} m_{001}^{(20)} m_{110}^{(22)} m_{210}^{(11)} + 2m_{001}^{(10)} m_{001}^{(20)} m_{110}^{(22)} m_{120}^{(10)} + m_{001}^{(10)} m_{001}^{(20)} m_{110}^{(22)} m_{030}^{(00)} \\
&+2m_{001}^{(10)} m_{001}^{(20)} m_{101}^{(00)} m_{021}^{(11)} - m_{001}^{(10)} m_{001}^{(20)} m_{101}^{(10)} m_{111}^{(11)} + m_{001}^{(10)} m_{001}^{(20)} m_{101}^{(10)} m_{021}^{(10)} \\
&-m_{001}^{(10)} m_{001}^{(20)} m_{101}^{(11)} m_{201}^{(11)} - m_{001}^{(10)} m_{001}^{(20)} m_{101}^{(11)} m_{111}^{(10)} - 3m_{001}^{(10)} m_{001}^{(20)} m_{101}^{(20)} m_{120}^{(11)} \\
&-m_{001}^{(10)} m_{001}^{(20)} m_{101}^{(20)} m_{030}^{(10)} + 3m_{001}^{(10)} m_{001}^{(20)} m_{101}^{(21)} m_{210}^{(11)} + m_{001}^{(10)} m_{001}^{(20)} m_{101}^{(21)} m_{120}^{(10)} \\
&+2m_{001}^{(10)} m_{001}^{(20)} m_{020}^{(00)} m_{012}^{(10)} - 3m_{001}^{(10)} m_{001}^{(20)} m_{020}^{(10)} m_{102}^{(10)} + m_{001}^{(10)} m_{001}^{(20)} m_{020}^{(10)} m_{012}^{(00)} \\
&-2m_{001}^{(10)} m_{001}^{(20)} m_{020}^{(11)} m_{102}^{(00)} - m_{001}^{(10)} m_{001}^{(20)} m_{020}^{(20)} m_{111}^{(10)} - m_{001}^{(10)} m_{001}^{(20)} m_{020}^{(20)} m_{021}^{(00)} \\
&+3m_{001}^{(10)} m_{001}^{(20)} m_{020}^{(21)} m_{201}^{(10)} + 3m_{001}^{(10)} m_{001}^{(20)} m_{020}^{(21)} m_{111}^{(00)} - m_{001}^{(10)} m_{001}^{(20)} m_{020}^{(22)} m_{210}^{(10)} \\
&-m_{001}^{(10)} m_{001}^{(20)} m_{020}^{(22)} m_{120}^{(00)} - 2m_{001}^{(10)} m_{001}^{(20)} m_{011}^{(00)} m_{021}^{(10)} + m_{001}^{(10)} m_{001}^{(20)} m_{011}^{(10)} m_{111}^{(10)} \\
&-m_{001}^{(10)} m_{001}^{(20)} m_{011}^{(10)} m_{021}^{(00)} + m_{001}^{(10)} m_{001}^{(20)} m_{011}^{(11)} m_{201}^{(10)} + m_{001}^{(10)} m_{001}^{(20)} m_{011}^{(11)} m_{111}^{(00)} \\
&+3m_{001}^{(10)} m_{001}^{(20)} m_{011}^{(20)} m_{120}^{(10)} + m_{001}^{(10)} m_{001}^{(20)} m_{011}^{(20)} m_{030}^{(00)} - 3m_{001}^{(10)} m_{001}^{(20)} m_{011}^{(21)} m_{210}^{(10)} \\
&-m_{001}^{(10)} m_{001}^{(20)} m_{011}^{(21)} m_{120}^{(00)} + 2m_{001}^{(10)} m_{001}^{(21)} m_{200}^{(00)} m_{012}^{(11)} - m_{001}^{(10)} m_{001}^{(21)} m_{200}^{(10)} m_{102}^{(11)} \\
&+3m_{001}^{(10)} m_{001}^{(21)} m_{200}^{(10)} m_{012}^{(10)} - 2m_{001}^{(10)} m_{001}^{(21)} m_{200}^{(11)} m_{102}^{(10)} - 3m_{001}^{(10)} m_{001}^{(21)} m_{200}^{(20)} m_{111}^{(11)} \\
&-3m_{001}^{(10)} m_{001}^{(21)} m_{200}^{(20)} m_{021}^{(10)} + m_{001}^{(10)} m_{001}^{(21)} m_{200}^{(21)} m_{201}^{(11)} + m_{001}^{(10)} m_{001}^{(21)} m_{200}^{(21)} m_{111}^{(10)} \\
&+m_{001}^{(10)} m_{001}^{(21)} m_{200}^{(22)} m_{210}^{(11)} + m_{001}^{(10)} m_{001}^{(21)} m_{200}^{(22)} m_{120}^{(10)} - m_{001}^{(10)} m_{001}^{(21)} m_{110}^{(00)} m_{102}^{(11)} \\
&-m_{001}^{(10)} m_{001}^{(21)} m_{110}^{(00)} m_{012}^{(10)} - m_{001}^{(10)} m_{001}^{(21)} m_{110}^{(10)} m_{102}^{(10)} - 3m_{001}^{(10)} m_{001}^{(21)} m_{110}^{(10)} m_{012}^{(00)} \\
&+2m_{001}^{(10)} m_{001}^{(21)} m_{110}^{(11)} m_{102}^{(00)} + 2m_{001}^{(10)} m_{001}^{(21)} m_{110}^{(20)} m_{201}^{(11)} + 3m_{001}^{(10)} m_{001}^{(21)} m_{110}^{(20)} m_{111}^{(10)} \\
&+3m_{001}^{(10)} m_{001}^{(21)} m_{110}^{(20)} m_{021}^{(00)} + m_{001}^{(10)} m_{001}^{(21)} m_{110}^{(21)} m_{201}^{(10)} - m_{001}^{(10)} m_{001}^{(21)} m_{110}^{(21)} m_{111}^{(00)}
\end{aligned}
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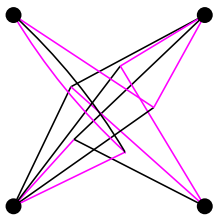
\begin{aligned}
&-m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{300}^{(11)} - 2m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(10)} - m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{120}^{(00)}\\
&-m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(11)} - m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{021}^{(10)} + m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{201}^{(11)}\\
&-m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(10)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(10)} + m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(11)}\\
&+3m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(10)} - m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{300}^{(11)} - 3m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(10)}\\
&+m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{102}^{(10)} - m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{012}^{(00)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(10)}m_{102}^{(00)}\\
&-2m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(10)} - 2m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(21)}m_{201}^{(00)} + m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(22)}m_{300}^{(10)}\\
&+m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(22)}m_{210}^{(00)} + m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(10)} + m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{021}^{(00)}\\
&-m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(10)} + m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(00)} - 2m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(11)}m_{201}^{(00)}\\
&-m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(10)} - 3m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{120}^{(00)} + m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(10)}\\
&+3m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(00)} - m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(00)}m_{021}^{(11)} + m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{111}^{(11)}\\
&-m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(10)} + m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(10)} + m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(20)}m_{120}^{(11)}\\
&+m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(10)} - m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{210}^{(11)} - m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(10)}\\
&+m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{111}^{(11)} + m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{021}^{(10)} - m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{201}^{(11)}\\
&+m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{021}^{(00)} - m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{201}^{(10)} - m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{111}^{(00)}\\
&-m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{210}^{(11)} - 2m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(10)} - m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{030}^{(00)}\\
&+m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{300}^{(11)} + 2m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(10)} + m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{120}^{(00)}\\
&-m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(10)} + m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(10)} - m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{111}^{(00)}\\
&+m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(11)}m_{201}^{(00)} + m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(10)} + m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{120}^{(00)}\\
&-m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(10)} - m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(21)}m_{210}^{(00)} + (m_{001}^{(11)})^2m_{200}^{(00)}m_{003}^{(10)}\\
&-2(m_{001}^{(11)})^2m_{200}^{(20)}m_{102}^{(10)} + (m_{001}^{(11)})^2m_{200}^{(22)}m_{201}^{(10)} - (m_{001}^{(11)})^2m_{110}^{(00)}m_{003}^{(00)}\\
&+2(m_{001}^{(11)})^2m_{110}^{(20)}m_{102}^{(00)} - (m_{001}^{(11)})^2m_{110}^{(22)}m_{201}^{(00)} - (m_{001}^{(11)})^2m_{101}^{(00)}m_{102}^{(10)}\\
&+2(m_{001}^{(11)})^2m_{101}^{(20)}m_{201}^{(10)} - (m_{001}^{(11)})^2m_{101}^{(22)}m_{300}^{(10)} + (m_{001}^{(11)})^2m_{011}^{(00)}m_{102}^{(00)}\\
&-2(m_{001}^{(11)})^2m_{011}^{(20)}m_{201}^{(00)} + (m_{001}^{(11)})^2m_{011}^{(22)}m_{300}^{(00)} + m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(00)}m_{012}^{(11)}\\
&-m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{102}^{(11)} + m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{012}^{(10)} - m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{111}^{(11)}\\
&-m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{021}^{(10)} + m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{201}^{(11)} - m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{111}^{(10)}\\
&+m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(22)}m_{120}^{(10)} - m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{102}^{(10)} - m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(00)}\\
&+m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(10)} + m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(00)} + m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{201}^{(10)}\\
&+m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(00)} - m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(22)}m_{210}^{(10)} - m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(22)}m_{120}^{(00)}\\
&-m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{111}^{(11)} - m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{021}^{(10)} + m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{201}^{(11)}\\
&+m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(10)} + m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{210}^{(11)} + m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(10)}\\
&-m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{300}^{(11)} - m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{210}^{(10)} - m_{001}^{(11)}m_{001}^{(20)}m_{020}^{(00)}m_{012}^{(00)}\\
&+2m_{001}^{(11)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(00)} - 2m_{001}^{(11)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(00)} + m_{001}^{(11)}m_{001}^{(20)}m_{020}^{(22)}m_{210}^{(00)}\\
&+m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{111}^{(10)} + m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{021}^{(00)} - m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(10)}\\
&-m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(00)} - m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(10)} - m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(00)}\\
&+m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{300}^{(10)} + m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(00)} - 3m_{001}^{(11)}m_{001}^{(21)}m_{001}^{(00)}m_{200}^{(10)}m_{012}\\
&+2m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{102}^{(10)} + 4m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(10)} - 2m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{201}^{(10)}\\
&-m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(22)}m_{210}^{(10)} + m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{102}^{(10)} + 3m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{012}^{(00)}\\
&-2m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(00)} - 2m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(10)} - 4m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(00)}
\end{aligned}
$$

$$
\begin{aligned}
&+2m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(00)} + m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(22)}m_{300}^{(10)} + m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(00)}\\
&+2m_{001}^{(11)}m_{001}^{(21)}m_{001}^{(00)}m_{101}^{(10)}m_{111}^{(10)} - 2m_{001}^{(11)}m_{001}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{201}^{(10)} - 2m_{001}^{(11)}m_{001}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{210}^{(10)}\\
&+2m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{300}^{(10)} - m_{001}^{(11)}m_{001}^{(21)}m_{001}^{(00)}m_{020}^{(00)}m_{102}^{(00)} + 2m_{001}^{(11)}m_{001}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{201}^{(00)}\\
&-m_{001}^{(11)}m_{001}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{300}^{(00)} - 2m_{001}^{(11)}m_{001}^{(21)}m_{001}^{(00)}m_{011}^{(00)}m_{111}^{(00)} + 2m_{001}^{(11)}m_{001}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{201}^{(00)}\\
&+2m_{001}^{(11)}m_{001}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{210}^{(00)} - 2m_{001}^{(11)}m_{001}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{300}^{(00)} + m_{001}^{(11)}m_{001}^{(22)}m_{001}^{(00)}m_{200}^{(00)}m_{021}^{(10)}\\
&-m_{001}^{(11)}m_{001}^{(22)}m_{001}^{(10)}m_{200}^{(10)}m_{111}^{(10)} - m_{001}^{(11)}m_{001}^{(22)}m_{001}^{(20)}m_{200}^{(10)}m_{120}^{(10)} + m_{001}^{(11)}m_{001}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{210}^{(10)}\\
&-m_{001}^{(11)}m_{001}^{(22)}m_{001}^{(00)}m_{110}^{(10)}m_{111}^{(10)} - m_{001}^{(11)}m_{001}^{(22)}m_{001}^{(00)}m_{110}^{(00)}m_{021}^{(00)} + m_{001}^{(11)}m_{001}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{201}^{(10)}\\
&+m_{001}^{(11)}m_{001}^{(22)}m_{001}^{(10)}m_{110}^{(00)}m_{111}^{(00)} + m_{001}^{(11)}m_{001}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{210}^{(10)} + m_{001}^{(11)}m_{001}^{(22)}m_{001}^{(20)}m_{110}^{(00)}m_{120}^{(00)}\\
&-m_{001}^{(11)}m_{001}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{300}^{(10)} - m_{001}^{(11)}m_{001}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{210}^{(00)} + m_{001}^{(11)}m_{001}^{(22)}m_{001}^{(00)}m_{020}^{(00)}m_{111}^{(00)}\\
&-m_{001}^{(11)}m_{001}^{(22)}m_{001}^{(10)}m_{020}^{(00)}m_{201}^{(00)} - m_{001}^{(11)}m_{001}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{210}^{(00)} + m_{001}^{(11)}m_{001}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{300}^{(00)}\\
&+(m_{001}^{(20)})^2m_{200}^{(10)}m_{021}^{(11)} - (m_{001}^{(20)})^2m_{200}^{(11)}m_{111}^{(11)} - (m_{001}^{(20)})^2m_{200}^{(20)}m_{030}^{(11)}\\
&+(m_{001}^{(20)})^2m_{200}^{(21)}m_{120}^{(11)} + (m_{001}^{(20)})^2m_{110}^{(00)}m_{021}^{(11)} - 3(m_{001}^{(20)})^2m_{110}^{(10)}m_{111}^{(11)}\\
&-(m_{001}^{(20)})^2m_{110}^{(10)}m_{021}^{(10)} + 2(m_{001}^{(20)})^2m_{110}^{(11)}m_{201}^{(11)} + (m_{001}^{(20)})^2m_{110}^{(11)}m_{111}^{(10)}\\
&+(m_{001}^{(20)})^2m_{110}^{(20)}m_{120}^{(11)} + (m_{001}^{(20)})^2m_{110}^{(20)}m_{030}^{(10)} - (m_{001}^{(20)})^2m_{110}^{(21)}m_{210}^{(11)}\\
&-(m_{001}^{(20)})^2m_{110}^{(21)}m_{120}^{(10)} - (m_{001}^{(20)})^2m_{101}^{(00)}m_{030}^{(11)} + 2(m_{001}^{(20)})^2m_{101}^{(10)}m_{120}^{(11)}\\
&-(m_{001}^{(20)})^2m_{101}^{(11)}m_{210}^{(11)} - (m_{001}^{(20)})^2m_{020}^{(00)}m_{021}^{(10)} + 3(m_{001}^{(20)})^2m_{020}^{(10)}m_{111}^{(10)}\\
&-2(m_{001}^{(20)})^2m_{020}^{(11)}m_{201}^{(10)} - (m_{001}^{(20)})^2m_{020}^{(20)}m_{120}^{(10)} + (m_{001}^{(20)})^2m_{020}^{(21)}m_{210}^{(10)}\\
&+(m_{001}^{(20)})^2m_{011}^{(00)}m_{030}^{(10)} - 2(m_{001}^{(20)})^2m_{011}^{(10)}m_{120}^{(10)} + (m_{001}^{(20)})^2m_{011}^{(11)}m_{210}^{(10)}\\
&-2m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(11)} + 3m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(11)} - m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(10)}\\
&-m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{201}^{(11)} + m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(10)} + m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{120}^{(11)}\\
&+m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{030}^{(10)} - m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{210}^{(11)} - m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(10)}\\
&+m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(11)} + m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{021}^{(10)} - m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(11)}\\
&+m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{021}^{(00)} - m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(10)} - m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{111}^{(00)}\\
&-m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(11)} - 2m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(10)} - m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{030}^{(00)}\\
&+m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{300}^{(11)} + 2m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(10)} + m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{120}^{(00)}\\
&+m_{001}^{(20)}m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(11)} + m_{001}^{(20)}m_{001}^{(21)}m_{101}^{(00)}m_{030}^{(10)} - 2m_{001}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(11)}\\
&-2m_{001}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(10)} + m_{001}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{300}^{(11)} + m_{001}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(10)}\\
&-m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(10)} + m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{021}^{(00)} + m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(10)}\\
&-3m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{111}^{(00)} + 2m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(11)}m_{201}^{(00)} + m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(10)}\\
&+m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{120}^{(00)} - m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{300}^{(10)} - m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{210}^{(00)}\\
&-m_{001}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{120}^{(10)} - m_{001}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{030}^{(00)} + 2m_{001}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(10)}\\
&+2m_{001}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{120}^{(00)} - m_{001}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{300}^{(10)} - m_{001}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{210}^{(00)}\\
&+m_{001}^{(20)}m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(11)} - 2m_{001}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(11)} + m_{001}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{210}^{(11)}\\
&-m_{001}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(11)} - m_{001}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{030}^{(10)} + 2m_{001}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(11)}\\
&+2m_{001}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(10)} - m_{001}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{300}^{(11)} - m_{001}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(10)}\\
&+m_{001}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{120}^{(10)} - 2m_{001}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(10)} + m_{001}^{(20)}m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(10)}\\
&+2(m_{001}^{(21)})^2m_{200}^{(00)}m_{021}^{(10)} - 3(m_{001}^{(21)})^2m_{200}^{(10)}m_{111}^{(10)} + (m_{001}^{(21)})^2m_{200}^{(11)}m_{201}^{(10)}\\
&-(m_{001}^{(21)})^2m_{200}^{(20)}m_{120}^{(10)} + (m_{001}^{(21)})^2m_{200}^{(21)}m_{210}^{(10)} - (m_{001}^{(21)})^2m_{110}^{(00)}m_{111}^{(10)}
\end{aligned}
$$

$$
\begin{aligned}
&-2(m_{001}^{(21)})^2 m_{110}^{(00)} m_{021}^{(00)} + (m_{001}^{(21)})^2 m_{110}^{(10)} m_{201}^{(10)} + 3(m_{001}^{(21)})^2 m_{110}^{(10)} m_{111}^{(00)} \\
&-(m_{001}^{(21)})^2 m_{110}^{(11)} m_{201}^{(00)} + (m_{001}^{(21)})^2 m_{110}^{(20)} m_{210}^{(10)} + (m_{001}^{(21)})^2 m_{110}^{(20)} m_{120}^{(00)} \\
&-(m_{001}^{(21)})^2 m_{110}^{(21)} m_{300}^{(10)} - (m_{001}^{(21)})^2 m_{110}^{(21)} m_{210}^{(00)} - (m_{001}^{(21)})^2 m_{101}^{(00)} m_{120}^{(10)} \\
&+2(m_{001}^{(21)})^2 m_{101}^{(10)} m_{210}^{(10)} - (m_{001}^{(21)})^2 m_{101}^{(11)} m_{300}^{(10)} + (m_{001}^{(21)})^2 m_{020}^{(00)} m_{111}^{(00)} \\
&-(m_{001}^{(21)})^2 m_{020}^{(10)} m_{201}^{(00)} - (m_{001}^{(21)})^2 m_{020}^{(20)} m_{210}^{(00)} + (m_{001}^{(21)})^2 m_{020}^{(21)} m_{300}^{(00)} \\
&+(m_{001}^{(21)})^2 m_{011}^{(00)} m_{120}^{(00)} - 2(m_{001}^{(21)})^2 m_{011}^{(10)} m_{210}^{(00)} + (m_{001}^{(21)})^2 m_{011}^{(11)} m_{300}^{(00)} \\
&-m_{001}^{(21)} m_{001}^{(22)} m_{200}^{(00)} m_{030}^{(10)} + 2m_{001}^{(21)} m_{001}^{(22)} m_{200}^{(10)} m_{120}^{(10)} - m_{001}^{(21)} m_{001}^{(22)} m_{200}^{(11)} m_{210}^{(10)} \\
&+m_{001}^{(21)} m_{001}^{(22)} m_{110}^{(00)} m_{120}^{(10)} + m_{001}^{(21)} m_{001}^{(22)} m_{110}^{(00)} m_{030}^{(00)} - 2m_{001}^{(21)} m_{001}^{(22)} m_{110}^{(10)} m_{210}^{(10)} \\
&-2m_{001}^{(21)} m_{001}^{(22)} m_{110}^{(10)} m_{120}^{(00)} + m_{001}^{(21)} m_{001}^{(22)} m_{110}^{(11)} m_{300}^{(10)} + m_{001}^{(21)} m_{001}^{(22)} m_{110}^{(11)} m_{210}^{(00)} \\
&-m_{001}^{(21)} m_{001}^{(22)} m_{020}^{(00)} m_{120}^{(00)} + 2m_{001}^{(21)} m_{001}^{(22)} m_{020}^{(10)} m_{210}^{(00)} - m_{001}^{(21)} m_{001}^{(22)} m_{020}^{(11)} m_{300}^{(00)}
\end{aligned}
$$

Generating graph:

$V1$	1	1	1	$V1$
$V2$	$V2$	$V3$	3	3
2	$V3$	$V4$	$V4$	4



$$
\begin{aligned}
T_{100} \;=\;& m_{100}^{(00)} m_{100}^{(10)} m_{020}^{(11)} m_{003}^{(22)} - m_{100}^{(00)} m_{100}^{(10)} m_{020}^{(21)} m_{012}^{(22)} - m_{100}^{(00)} m_{100}^{(10)} m_{020}^{(21)} m_{003}^{(21)} \\
&+m_{100}^{(00)} m_{100}^{(10)} m_{020}^{(22)} m_{012}^{(21)} - 2m_{100}^{(00)} m_{100}^{(10)} m_{011}^{(11)} m_{012}^{(22)} + 2m_{100}^{(00)} m_{100}^{(10)} m_{011}^{(21)} m_{021}^{(22)} \\
&+2m_{100}^{(00)} m_{100}^{(10)} m_{011}^{(21)} m_{012}^{(21)} - 2m_{100}^{(00)} m_{100}^{(10)} m_{011}^{(22)} m_{021}^{(21)} + m_{100}^{(00)} m_{100}^{(10)} m_{002}^{(11)} m_{021}^{(22)} \\
&-m_{100}^{(00)} m_{100}^{(10)} m_{002}^{(21)} m_{030}^{(22)} - m_{100}^{(00)} m_{100}^{(10)} m_{002}^{(21)} m_{021}^{(21)} + m_{100}^{(00)} m_{100}^{(10)} m_{002}^{(22)} m_{030}^{(21)} \\
&-m_{100}^{(00)} m_{100}^{(11)} m_{020}^{(10)} m_{003}^{(22)} + m_{100}^{(00)} m_{100}^{(11)} m_{020}^{(20)} m_{012}^{(22)} + m_{100}^{(00)} m_{100}^{(11)} m_{020}^{(21)} m_{003}^{(20)} \\
&-m_{100}^{(00)} m_{100}^{(11)} m_{020}^{(22)} m_{012}^{(20)} + 2m_{100}^{(00)} m_{100}^{(11)} m_{011}^{(10)} m_{012}^{(22)} - 2m_{100}^{(00)} m_{100}^{(11)} m_{011}^{(20)} m_{021}^{(22)} \\
&-2m_{100}^{(00)} m_{100}^{(11)} m_{011}^{(21)} m_{012}^{(20)} + 2m_{100}^{(00)} m_{100}^{(11)} m_{011}^{(22)} m_{021}^{(20)} - m_{100}^{(00)} m_{100}^{(11)} m_{002}^{(10)} m_{021}^{(22)} \\
&+m_{100}^{(00)} m_{100}^{(11)} m_{002}^{(20)} m_{030}^{(22)} + m_{100}^{(00)} m_{100}^{(11)} m_{002}^{(21)} m_{021}^{(20)} - m_{100}^{(00)} m_{100}^{(11)} m_{002}^{(22)} m_{030}^{(20)} \\
&-m_{100}^{(00)} m_{100}^{(20)} m_{020}^{(11)} m_{003}^{(21)} + m_{100}^{(00)} m_{100}^{(20)} m_{020}^{(21)} m_{012}^{(21)} + m_{100}^{(00)} m_{100}^{(20)} m_{020}^{(21)} m_{003}^{(11)} \\
&-m_{100}^{(00)} m_{100}^{(20)} m_{020}^{(22)} m_{012}^{(11)} + 2m_{100}^{(00)} m_{100}^{(20)} m_{011}^{(11)} m_{012}^{(21)} - 2m_{100}^{(00)} m_{100}^{(20)} m_{011}^{(21)} m_{021}^{(21)} \\
&-2m_{100}^{(00)} m_{100}^{(20)} m_{011}^{(21)} m_{012}^{(11)} + 2m_{100}^{(00)} m_{100}^{(20)} m_{011}^{(22)} m_{021}^{(11)} - m_{100}^{(00)} m_{100}^{(20)} m_{002}^{(11)} m_{021}^{(21)} \\
&+m_{100}^{(00)} m_{100}^{(20)} m_{002}^{(21)} m_{030}^{(21)} + m_{100}^{(00)} m_{100}^{(20)} m_{002}^{(21)} m_{021}^{(11)} - m_{100}^{(00)} m_{100}^{(20)} m_{002}^{(22)} m_{030}^{(11)} \\
&+2m_{100}^{(00)} m_{100}^{(21)} m_{020}^{(10)} m_{003}^{(21)} - m_{100}^{(00)} m_{100}^{(21)} m_{020}^{(11)} m_{003}^{(20)} - 2m_{100}^{(00)} m_{100}^{(21)} m_{020}^{(20)} m_{012}^{(21)}
\end{aligned}
$$

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\begin{aligned}
&+m_{100}^{(00)}m_{100}^{(21)}m_{020}^{(21)}m_{012}^{(20)} - m_{100}^{(00)}m_{100}^{(21)}m_{020}^{(21)}m_{003}^{(10)} + m_{100}^{(00)}m_{100}^{(21)}m_{020}^{(22)}m_{012}^{(10)}\\
&-4m_{100}^{(00)}m_{100}^{(21)}m_{011}^{(10)}m_{012}^{(21)} + 2m_{100}^{(00)}m_{100}^{(21)}m_{011}^{(11)}m_{012}^{(20)} + 4m_{100}^{(00)}m_{100}^{(21)}m_{011}^{(20)}m_{021}^{(21)}\\
&-2m_{100}^{(00)}m_{100}^{(21)}m_{011}^{(21)}m_{021}^{(20)} + 2m_{100}^{(00)}m_{100}^{(21)}m_{011}^{(21)}m_{012}^{(10)} - 2m_{100}^{(00)}m_{100}^{(21)}m_{011}^{(22)}m_{021}^{(10)}\\
&+2m_{100}^{(00)}m_{100}^{(21)}m_{002}^{(10)}m_{021}^{(21)} - m_{100}^{(00)}m_{100}^{(21)}m_{002}^{(11)}m_{021}^{(20)} - 2m_{100}^{(00)}m_{100}^{(21)}m_{002}^{(20)}m_{030}^{(21)}\\
&+m_{100}^{(00)}m_{100}^{(21)}m_{002}^{(21)}m_{030}^{(20)} - m_{100}^{(00)}m_{100}^{(21)}m_{002}^{(21)}m_{021}^{(10)} + m_{100}^{(00)}m_{100}^{(21)}m_{002}^{(22)}m_{030}^{(10)}\\
&-m_{100}^{(00)}m_{100}^{(22)}m_{020}^{(10)}m_{003}^{(11)} + m_{100}^{(00)}m_{100}^{(22)}m_{020}^{(11)}m_{003}^{(10)} + m_{100}^{(00)}m_{100}^{(22)}m_{020}^{(20)}m_{012}^{(11)}\\
&-m_{100}^{(00)}m_{100}^{(22)}m_{020}^{(21)}m_{012}^{(10)} + 2m_{100}^{(00)}m_{100}^{(22)}m_{011}^{(10)}m_{012}^{(11)} - 2m_{100}^{(00)}m_{100}^{(22)}m_{011}^{(11)}m_{012}^{(10)}\\
&-2m_{100}^{(00)}m_{100}^{(22)}m_{011}^{(20)}m_{021}^{(11)} + 2m_{100}^{(00)}m_{100}^{(22)}m_{011}^{(21)}m_{021}^{(10)} - m_{100}^{(00)}m_{100}^{(22)}m_{002}^{(10)}m_{021}^{(11)}\\
&+m_{100}^{(00)}m_{100}^{(22)}m_{002}^{(11)}m_{021}^{(10)} + m_{100}^{(00)}m_{100}^{(22)}m_{002}^{(20)}m_{030}^{(11)} - m_{100}^{(00)}m_{100}^{(22)}m_{002}^{(21)}m_{030}^{(10)}\\
&-m_{100}^{(00)}m_{010}^{(00)}m_{020}^{(11)}m_{003}^{(22)} + m_{100}^{(00)}m_{010}^{(00)}m_{020}^{(21)}m_{012}^{(22)} + m_{100}^{(00)}m_{010}^{(00)}m_{020}^{(21)}m_{003}^{(21)}\\
&-m_{100}^{(00)}m_{010}^{(00)}m_{020}^{(22)}m_{012}^{(21)} + 2m_{100}^{(00)}m_{010}^{(00)}m_{011}^{(11)}m_{012}^{(22)} - 2m_{100}^{(00)}m_{010}^{(00)}m_{011}^{(21)}m_{021}^{(22)}\\
&-2m_{100}^{(00)}m_{010}^{(00)}m_{011}^{(21)}m_{012}^{(21)} + 2m_{100}^{(00)}m_{010}^{(00)}m_{011}^{(22)}m_{021}^{(21)} - m_{100}^{(00)}m_{010}^{(00)}m_{002}^{(11)}m_{021}^{(22)}\\
&+m_{100}^{(00)}m_{010}^{(00)}m_{002}^{(21)}m_{030}^{(22)} + m_{100}^{(00)}m_{010}^{(00)}m_{002}^{(21)}m_{021}^{(21)} - m_{100}^{(00)}m_{010}^{(00)}m_{002}^{(22)}m_{030}^{(21)}\\
&+m_{100}^{(00)}m_{010}^{(10)}m_{020}^{(10)}m_{003}^{(22)} - m_{100}^{(00)}m_{010}^{(10)}m_{020}^{(20)}m_{012}^{(22)} - m_{100}^{(00)}m_{010}^{(10)}m_{020}^{(21)}m_{003}^{(20)}\\
&+m_{100}^{(00)}m_{010}^{(10)}m_{020}^{(22)}m_{012}^{(20)} - 2m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(10)}m_{012}^{(22)} + 2m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(20)}m_{021}^{(22)}\\
&+2m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{012}^{(20)} - 2m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(22)}m_{021}^{(20)} + m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(10)}m_{021}^{(22)}\\
&-m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(20)}m_{030}^{(22)} - m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(21)}m_{021}^{(20)} + m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(22)}m_{030}^{(20)}\\
&-m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(10)}m_{003}^{(21)} + 2m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(11)}m_{003}^{(20)} + m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(20)}m_{012}^{(21)}\\
&-2m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(21)}m_{012}^{(20)} - m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(21)}m_{003}^{(10)} + m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(22)}m_{012}^{(10)}\\
&+2m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(10)}m_{012}^{(21)} - 4m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(11)}m_{012}^{(20)} - 2m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(20)}m_{021}^{(21)}\\
&+4m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{021}^{(20)} + 2m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{012}^{(10)} - 2m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(22)}m_{021}^{(10)}\\
&-m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(10)}m_{021}^{(21)} + 2m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(11)}m_{021}^{(20)} + m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(20)}m_{030}^{(21)}\\
&-2m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{030}^{(20)} - m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{021}^{(10)} + m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(22)}m_{030}^{(10)}\\
&-m_{100}^{(00)}m_{010}^{(21)}m_{020}^{(10)}m_{003}^{(20)} + m_{100}^{(00)}m_{010}^{(21)}m_{020}^{(20)}m_{012}^{(20)} + m_{100}^{(00)}m_{010}^{(21)}m_{020}^{(21)}m_{003}^{(00)}\\
&-m_{100}^{(00)}m_{010}^{(21)}m_{020}^{(22)}m_{012}^{(00)} + 2m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(10)}m_{012}^{(20)} - 2m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{021}^{(20)}\\
&-2m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{012}^{(00)} + 2m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{021}^{(00)} - m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(10)}m_{021}^{(20)}\\
&+m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(20)}m_{030}^{(20)} + m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(21)}m_{021}^{(00)} - m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(22)}m_{030}^{(00)}\\
&+m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(10)}m_{003}^{(10)} - m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(11)}m_{003}^{(00)} - m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(20)}m_{012}^{(10)}\\
&+m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(21)}m_{012}^{(00)} - 2m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(10)}m_{012}^{(10)} + 2m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(11)}m_{012}^{(00)}\\
&+2m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(20)}m_{021}^{(10)} - 2m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{021}^{(00)} + m_{100}^{(00)}m_{010}^{(22)}m_{002}^{(10)}m_{021}^{(10)}\\
&-m_{100}^{(00)}m_{010}^{(22)}m_{002}^{(11)}m_{021}^{(00)} - m_{100}^{(00)}m_{010}^{(22)}m_{002}^{(20)}m_{030}^{(10)} + m_{100}^{(00)}m_{010}^{(22)}m_{002}^{(21)}m_{030}^{(00)}\\
&+m_{100}^{(00)}m_{001}^{(00)}m_{020}^{(11)}m_{003}^{(21)} - m_{100}^{(00)}m_{001}^{(00)}m_{020}^{(21)}m_{012}^{(21)} - m_{100}^{(00)}m_{001}^{(00)}m_{020}^{(21)}m_{003}^{(11)}\\
&+m_{100}^{(00)}m_{001}^{(00)}m_{020}^{(22)}m_{012}^{(11)} - 2m_{100}^{(00)}m_{001}^{(00)}m_{011}^{(11)}m_{012}^{(21)} + 2m_{100}^{(00)}m_{001}^{(00)}m_{011}^{(21)}m_{021}^{(21)}\\
&+2m_{100}^{(00)}m_{001}^{(00)}m_{011}^{(21)}m_{012}^{(11)} - 2m_{100}^{(00)}m_{001}^{(00)}m_{011}^{(22)}m_{021}^{(11)} + m_{100}^{(00)}m_{001}^{(00)}m_{002}^{(11)}m_{021}^{(21)}\\
&-m_{100}^{(00)}m_{001}^{(00)}m_{002}^{(21)}m_{030}^{(21)} - m_{100}^{(00)}m_{001}^{(00)}m_{002}^{(21)}m_{021}^{(11)} + m_{100}^{(00)}m_{001}^{(00)}m_{002}^{(22)}m_{030}^{(11)}\\
&-m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(10)}m_{003}^{(21)} - m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(11)}m_{003}^{(20)} + m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{012}^{(21)}\\
&+m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{012}^{(20)} + 2m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{003}^{(10)} - 2m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{012}^{(10)}\\
&+2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{012}^{(21)} + 2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{012}^{(20)} - 2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{021}^{(21)}
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&-2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{021}^{(20)} - 4m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{012}^{(10)} + 4m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{021}^{(10)}\\
&-m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{021}^{(21)} - m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{021}^{(20)} + m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(20)}m_{030}^{(21)}\\
&+m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{030}^{(20)} + 2m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{021}^{(10)} - 2m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(22)}m_{030}^{(10)}\\
&+m_{100}^{(00)}m_{001}^{(11)}m_{020}^{(10)}m_{003}^{(20)} - m_{100}^{(00)}m_{001}^{(11)}m_{020}^{(20)}m_{012}^{(20)} - m_{100}^{(00)}m_{001}^{(11)}m_{020}^{(21)}m_{003}^{(00)}\\
&+m_{100}^{(00)}m_{001}^{(11)}m_{020}^{(22)}m_{012}^{(00)} - 2m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(10)}m_{012}^{(20)} + 2m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{021}^{(20)}\\
&+2m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{012}^{(00)} - 2m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(22)}m_{021}^{(00)} + m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(10)}m_{021}^{(20)}\\
&-m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(20)}m_{030}^{(20)} - m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{021}^{(00)} + m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(22)}m_{030}^{(00)}\\
&+m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{003}^{(11)} - m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{003}^{(10)} - m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{012}^{(11)}\\
&+m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{012}^{(10)} - 2m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{012}^{(11)} + 2m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{012}^{(10)}\\
&+2m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{021}^{(11)} - 2m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{021}^{(10)} + m_{100}^{(00)}m_{001}^{(20)}m_{002}^{(10)}m_{021}^{(11)}\\
&-m_{100}^{(00)}m_{001}^{(20)}m_{002}^{(11)}m_{021}^{(10)} - m_{100}^{(00)}m_{001}^{(20)}m_{002}^{(11)}m_{030}^{(20)} + m_{100}^{(00)}m_{001}^{(20)}m_{002}^{(21)}m_{030}^{(10)}\\
&-m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{003}^{(10)} + m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(11)}m_{003}^{(00)} + m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{012}^{(10)}\\
&-m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{012}^{(00)} + 2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{012}^{(10)} - 2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{012}^{(00)}\\
&-2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{021}^{(10)} + 2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{021}^{(00)} - m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(10)}m_{021}^{(10)}\\
&+m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(11)}m_{021}^{(00)} + m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(20)}m_{030}^{(10)} - m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(21)}m_{030}^{(00)}\\
&-(m_{100}^{(10)})^2m_{110}^{(11)}m_{003}^{(22)} + (m_{100}^{(10)})^2m_{110}^{(21)}m_{012}^{(22)} + (m_{100}^{(10)})^2m_{110}^{(21)}m_{003}^{(21)}\\
&-(m_{100}^{(10)})^2m_{110}^{(22)}m_{012}^{(21)} + (m_{100}^{(10)})^2m_{101}^{(11)}m_{012}^{(22)} - (m_{100}^{(10)})^2m_{101}^{(21)}m_{021}^{(22)}\\
&-(m_{100}^{(10)})^2m_{101}^{(21)}m_{012}^{(21)} + (m_{100}^{(10)})^2m_{101}^{(22)}m_{021}^{(21)} - (m_{100}^{(10)})^2m_{020}^{(10)}m_{003}^{(22)}\\
&+(m_{100}^{(10)})^2m_{020}^{(20)}m_{003}^{(21)} + (m_{100}^{(10)})^2m_{020}^{(21)}m_{102}^{(22)} - (m_{100}^{(10)})^2m_{020}^{(22)}m_{102}^{(21)}\\
&+2(m_{100}^{(10)})^2m_{011}^{(10)}m_{012}^{(22)} + (m_{100}^{(10)})^2m_{011}^{(11)}m_{102}^{(22)} - 2(m_{100}^{(10)})^2m_{011}^{(20)}m_{012}^{(21)}\\
&-3(m_{100}^{(10)})^2m_{011}^{(21)}m_{111}^{(22)} - (m_{100}^{(10)})^2m_{011}^{(21)}m_{102}^{(21)} + 3(m_{100}^{(10)})^2m_{011}^{(22)}m_{111}^{(21)}\\
&-(m_{100}^{(10)})^2m_{002}^{(10)}m_{021}^{(22)} - (m_{100}^{(10)})^2m_{002}^{(11)}m_{111}^{(22)} + (m_{100}^{(10)})^2m_{002}^{(20)}m_{021}^{(21)}\\
&+2(m_{100}^{(10)})^2m_{002}^{(21)}m_{120}^{(22)} + (m_{100}^{(10)})^2m_{002}^{(21)}m_{111}^{(21)} - 2(m_{100}^{(10)})^2m_{002}^{(22)}m_{120}^{(21)}\\
&+2m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(10)}m_{003}^{(22)} - m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(20)}m_{012}^{(22)} - m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(20)}m_{003}^{(21)}\\
&-m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(21)}m_{102}^{(22)} - m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(21)}m_{003}^{(20)} + m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(22)}m_{102}^{(21)}\\
&+m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(22)}m_{012}^{(20)} - 2m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(10)}m_{012}^{(22)} + m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(20)}m_{021}^{(22)}\\
&+m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(20)}m_{012}^{(21)} + m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(21)}m_{111}^{(22)} + m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(21)}m_{012}^{(20)}\\
&-m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(22)}m_{111}^{(21)} - m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(22)}m_{021}^{(20)} + m_{100}^{(10)}m_{100}^{(11)}m_{020}^{(00)}m_{003}^{(22)}\\
&-m_{100}^{(10)}m_{100}^{(11)}m_{020}^{(20)}m_{102}^{(22)} - m_{100}^{(10)}m_{100}^{(11)}m_{020}^{(20)}m_{003}^{(20)} + m_{100}^{(10)}m_{100}^{(11)}m_{020}^{(22)}m_{102}^{(20)}\\
&-2m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(00)}m_{012}^{(22)} - 2m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(10)}m_{102}^{(22)} + 3m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(20)}m_{111}^{(22)}\\
&+m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(20)}m_{102}^{(21)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(20)}m_{012}^{(20)} + m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(21)}m_{201}^{(22)}\\
&+m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(21)}m_{102}^{(20)} - m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(22)}m_{201}^{(21)} - 3m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(22)}m_{111}^{(20)}\\
&+m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(00)}m_{021}^{(22)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(10)}m_{111}^{(22)} - 2m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(20)}m_{120}^{(22)}\\
&-m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(20)}m_{111}^{(21)} - m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(20)}m_{021}^{(20)} - m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(21)}m_{210}^{(22)}\\
&-m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(21)}m_{111}^{(20)} + m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(22)}m_{210}^{(21)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(22)}m_{120}^{(20)}\\
&+m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(11)}m_{012}^{(22)} + m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(11)}m_{003}^{(21)} - m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{021}^{(22)}\\
&-2m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{012}^{(21)} - m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{003}^{(11)} + m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(22)}m_{021}^{(21)}\\
&+m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(22)}m_{012}^{(11)} - m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(11)}m_{021}^{(22)} - m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{012}^{(11)}
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&+m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{030}^{(22)} + 2m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{021}^{(21)} + m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{012}^{(11)}\\
&-m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(22)}m_{030}^{(21)} - m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(22)}m_{021}^{(11)} + m_{100}^{(10)}m_{100}^{(20)}m_{100}^{(10)}m_{012}^{(22)}\\
&+m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(10)}m_{003}^{(21)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(11)}m_{102}^{(22)} - m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(20)}m_{012}^{(21)}\\
&-m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(20)}m_{003}^{(11)} + m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(21)}m_{111}^{(22)} + m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(21)}m_{102}^{(21)}\\
&-m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(22)}m_{111}^{(21)} + m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(22)}m_{102}^{(11)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{100}^{(10)}m_{011}^{(22)}m_{021}\\
&-2m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(10)}m_{012}^{(21)} + 3m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(11)}m_{111}^{(22)} - m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(11)}m_{102}^{(21)}\\
&+2m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(20)}m_{021}^{(21)} + 2m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(20)}m_{012}^{(11)} - m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{120}^{(22)}\\
&+m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{102}^{(11)} + m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(22)}m_{120}^{(21)} - 3m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(22)}m_{111}^{(11)}\\
&+m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(10)}m_{030}^{(22)} + m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(10)}m_{021}^{(21)} - m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(11)}m_{120}^{(22)}\\
&+m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(11)}m_{111}^{(21)} - m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(20)}m_{030}^{(21)} - m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(20)}m_{021}^{(11)}\\
&-m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(21)}m_{120}^{(21)} - m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(21)}m_{111}^{(11)} + 2m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(22)}m_{120}^{(11)}\\
&-2m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(10)}m_{012}^{(22)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(10)}m_{003}^{(21)} + m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(11)}m_{102}^{(22)}\\
&+m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(11)}m_{003}^{(20)} + 4m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(20)}m_{012}^{(21)} + m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{111}^{(22)}\\
&-m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{102}^{(21)} - m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(20)}m_{012}^{(21)} + m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{003}^{(10)}\\
&-m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(22)}m_{111}^{(21)} - m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(22)}m_{012}^{(10)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(10)}m_{021}^{(22)}\\
&+2m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(10)}m_{012}^{(21)} - m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(11)}m_{111}^{(22)} - m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(11)}m_{012}^{(20)}\\
&-4m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(20)}m_{021}^{(21)} - m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{120}^{(22)} + m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{111}^{(21)}\\
&+m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{021}^{(20)} - m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{012}^{(10)} + m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(22)}m_{120}^{(21)}\\
&+m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(22)}m_{021}^{(10)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(00)}m_{003}^{(21)} + m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(10)}m_{102}^{(22)}\\
&+m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(10)}m_{003}^{(20)} + m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(20)}m_{102}^{(21)} + m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(20)}m_{003}^{(10)}\\
&-m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(21)}m_{201}^{(22)} - m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(21)}m_{102}^{(20)} + m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(22)}m_{201}^{(21)}\\
&-m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(22)}m_{102}^{(10)} + 4m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(00)}m_{012}^{(21)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{102}^{(21)}\\
&-2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{012}^{(20)} - m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(11)}m_{201}^{(22)} - m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(11)}m_{102}^{(20)}\\
&-6m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{111}^{(21)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{012}^{(10)} + m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{210}^{(22)}\\
&+m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{201}^{(21)} + 3m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{111}^{(21)} - m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{102}^{(10)}\\
&-m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(22)}m_{210}^{(21)} + 3m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(22)}m_{111}^{(10)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(00)}m_{021}^{(21)}\\
&-m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{120}^{(22)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{111}^{(21)} + m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(21)}m_{021}^{(20)}\\
&+m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(11)}m_{210}^{(22)} + m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(11)}m_{111}^{(20)} + 5m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(20)}m_{120}^{(21)}\\
&+m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(20)}m_{021}^{(10)} - m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(21)}m_{210}^{(21)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(21)}m_{120}^{(20)}\\
&+m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(21)}m_{111}^{(10)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(22)}m_{120}^{(10)} + m_{100}^{(10)}m_{100}^{(22)}m_{100}^{(10)}m_{110}^{(22)}m_{021}\\
&+m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(10)}m_{003}^{(11)} - m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(11)}m_{111}^{(22)} - m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(11)}m_{003}^{(10)}\\
&-m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(20)}m_{021}^{(21)} - m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(20)}m_{012}^{(11)} + m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{111}^{(21)}\\
&+m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{012}^{(10)} - m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(10)}m_{030}^{(22)} - m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(10)}m_{012}^{(11)}\\
&+m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(11)}m_{120}^{(22)} + m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(11)}m_{012}^{(10)} + m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(20)}m_{030}^{(21)}\\
&+m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(20)}m_{021}^{(11)} - m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(21)}m_{120}^{(21)} - m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(21)}m_{021}^{(10)}\\
&+m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(00)}m_{003}^{(11)} - m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(10)}m_{111}^{(22)} - m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(10)}m_{003}^{(10)}\\
&+m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(11)}m_{201}^{(22)} + m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(20)}m_{111}^{(21)} - m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(20)}m_{102}^{(11)}\\
&-m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(21)}m_{201}^{(21)} + m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(21)}m_{102}^{(10)} - 2m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(00)}m_{012}^{(11)}
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&+m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(10)}m_{120}^{(22)} - m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(10)}m_{102}^{(11)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(10)}m_{012}^{(10)}\\
&-m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(11)}m_{210}^{(22)} + m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(11)}m_{102}^{(10)} - m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(20)}m_{120}^{(21)}\\
&+3m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(20)}m_{111}^{(11)} + m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(21)}m_{210}^{(21)} - 3m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(21)}m_{111}^{(10)}\\
&+m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(00)}m_{021}^{(11)} + m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(10)}m_{111}^{(11)} - m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(10)}m_{021}^{(10)}\\
&-m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(11)}m_{111}^{(10)} - 2m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(20)}m_{120}^{(11)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(21)}m_{120}^{(10)}\\
&+m_{100}^{(10)}m_{010}^{(00)}m_{020}^{(10)}m_{003}^{(22)} - m_{100}^{(10)}m_{010}^{(00)}m_{020}^{(20)}m_{003}^{(21)} - m_{100}^{(10)}m_{010}^{(00)}m_{020}^{(21)}m_{102}^{(22)}\\
&+m_{100}^{(10)}m_{010}^{(00)}m_{020}^{(22)}m_{102}^{(21)} - 2m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(10)}m_{012}^{(22)} + 2m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(20)}m_{012}^{(21)}\\
&+2m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{111}^{(22)} - 2m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(22)}m_{111}^{(21)} + m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(10)}m_{021}^{(22)}\\
&-m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(20)}m_{021}^{(21)} - m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(21)}m_{120}^{(22)} + m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(22)}m_{120}^{(21)}\\
&+m_{100}^{(10)}m_{010}^{(10)}m_{200}^{(11)}m_{003}^{(22)} - m_{100}^{(10)}m_{010}^{(10)}m_{200}^{(21)}m_{012}^{(22)} - m_{100}^{(10)}m_{010}^{(10)}m_{200}^{(21)}m_{003}^{(21)}\\
&+m_{100}^{(10)}m_{010}^{(10)}m_{200}^{(22)}m_{012}^{(21)} + m_{100}^{(10)}m_{010}^{(10)}m_{110}^{(20)}m_{012}^{(22)} - m_{100}^{(10)}m_{010}^{(10)}m_{110}^{(20)}m_{003}^{(21)}\\
&-m_{100}^{(10)}m_{010}^{(10)}m_{110}^{(21)}m_{102}^{(22)} + m_{100}^{(10)}m_{010}^{(10)}m_{110}^{(21)}m_{003}^{(20)} + m_{100}^{(10)}m_{010}^{(10)}m_{110}^{(22)}m_{102}^{(21)}\\
&-m_{100}^{(10)}m_{010}^{(10)}m_{110}^{(22)}m_{012}^{(20)} - 2m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(11)}m_{102}^{(22)} - m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(20)}m_{021}^{(22)}\\
&+m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(20)}m_{012}^{(21)} + 3m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(22)} + 2m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(21)}m_{102}^{(21)}\\
&-m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(21)}m_{012}^{(20)} - 3m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{111}^{(21)} + m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{021}^{(20)}\\
&-m_{100}^{(10)}m_{010}^{(10)}m_{020}^{(00)}m_{003}^{(22)} + m_{100}^{(10)}m_{010}^{(10)}m_{020}^{(20)}m_{102}^{(22)} + m_{100}^{(10)}m_{010}^{(10)}m_{020}^{(20)}m_{003}^{(20)}\\
&-m_{100}^{(10)}m_{010}^{(10)}m_{020}^{(22)}m_{102}^{(20)} + 2m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(00)}m_{012}^{(22)} - 3m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(20)}m_{111}^{(22)}\\
&+m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(20)}m_{102}^{(21)} - 2m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(20)}m_{012}^{(20)} + m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(21)}m_{201}^{(22)}\\
&-m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(21)}m_{102}^{(20)} - m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(22)}m_{201}^{(21)} + 3m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(22)}m_{111}^{(20)}\\
&-m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(00)}m_{021}^{(22)} + m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(11)}m_{201}^{(22)} + 2m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(20)}m_{120}^{(22)}\\
&-m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(20)}m_{111}^{(21)} + m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(20)}m_{021}^{(20)} - 2m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(21)}m_{210}^{(22)}\\
&-m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(21)}m_{201}^{(21)} + m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(21)}m_{111}^{(20)} + 2m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(22)}m_{210}^{(21)}\\
&-2m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(22)}m_{120}^{(20)} - m_{100}^{(10)}m_{010}^{(11)}m_{200}^{(10)}m_{003}^{(22)} + m_{100}^{(10)}m_{010}^{(11)}m_{200}^{(20)}m_{003}^{(21)}\\
&+m_{100}^{(10)}m_{010}^{(11)}m_{200}^{(21)}m_{102}^{(22)} - m_{100}^{(10)}m_{010}^{(11)}m_{200}^{(22)}m_{102}^{(21)} + 2m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(10)}m_{102}^{(22)}\\
&-2m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{102}^{(21)} - 2m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(21)}m_{201}^{(22)} + 2m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(22)}m_{201}^{(21)}\\
&-m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(10)}m_{201}^{(22)} + m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(20)}m_{201}^{(21)} + m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(21)}m_{300}^{(22)}\\
&-m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(22)}m_{300}^{(21)} - m_{100}^{(10)}m_{010}^{(20)}m_{200}^{(11)}m_{012}^{(22)} + m_{100}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{021}^{(22)}\\
&+m_{100}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{012}^{(21)} - m_{100}^{(10)}m_{010}^{(20)}m_{200}^{(22)}m_{021}^{(21)} - m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(10)}m_{012}^{(22)}\\
&+m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(10)}m_{003}^{(21)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(11)}m_{102}^{(22)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(11)}m_{003}^{(20)}\\
&-m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{111}^{(22)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{102}^{(21)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{012}^{(20)}\\
&+m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{003}^{(10)} + m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{111}^{(21)} - m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{012}^{(10)}\\
&+m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{021}^{(22)} - m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{012}^{(21)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(11)}m_{012}^{(20)}\\
&-m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{120}^{(22)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{021}^{(20)} - m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{012}^{(10)}\\
&+m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{120}^{(21)} + m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{021}^{(10)} + m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(00)}m_{003}^{(21)}\\
&-2m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(10)}m_{003}^{(20)} - m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(20)}m_{102}^{(21)} + m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(20)}m_{003}^{(10)}\\
&+2m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(21)}m_{102}^{(20)} - m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(22)}m_{102}^{(10)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(00)}m_{012}^{(21)}\\
&+m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(22)} - m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{102}^{(21)} + 4m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{012}^{(20)}\\
&-2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(11)}m_{201}^{(22)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(11)}m_{102}^{(20)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(21)}
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&-2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{012}^{(10)} + m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{210}^{(22)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{201}^{(21)}\\
&-6m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(20)} - m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{102}^{(10)} - m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{210}^{(21)}\\
&+3m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{111}^{(10)} + m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(00)}m_{021}^{(21)} - m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{120}^{(22)}\\
&+m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{111}^{(21)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{021}^{(20)} + m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(11)}m_{210}^{(22)}\\
&-2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(11)}m_{111}^{(20)} - m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{120}^{(21)} + m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{021}^{(10)}\\
&-m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{210}^{(21)} + 4m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{120}^{(20)} + m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{111}^{(10)}\\
&-2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(22)}m_{120}^{(10)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(22)} - m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(11)}m_{102}^{(22)}\\
&-2m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(21)} - m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(22)} + m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{102}^{(21)}\\
&+m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{111}^{(21)} - m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(10)}m_{102}^{(22)} + m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(10)}m_{003}^{(20)}\\
&+m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(21)} - m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{012}^{(20)} + m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(21)}m_{201}^{(22)}\\
&-m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(00)}m_{003}^{(21)} - m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{201}^{(21)} + m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{012}^{(00)}\\
&-3m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(22)} - m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{012}^{(20)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(11)}m_{201}^{(22)}\\
&+3m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(21)} + m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{021}^{(20)} + m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{210}^{(22)}\\
&-2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{201}^{(21)} + m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{012}^{(00)} - m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{210}^{(21)}\\
&-m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{021}^{(00)} + m_{100}^{(10)}m_{010}^{(21)}m_{020}^{(00)}m_{003}^{(20)} - m_{100}^{(10)}m_{010}^{(21)}m_{020}^{(20)}m_{102}^{(20)}\\
&-m_{100}^{(10)}m_{010}^{(21)}m_{020}^{(20)}m_{003}^{(00)} + m_{100}^{(10)}m_{010}^{(21)}m_{020}^{(22)}m_{102}^{(00)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(00)}m_{012}^{(20)}\\
&+m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(22)} - m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(10)}m_{102}^{(20)} - m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(21)}\\
&+3m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{111}^{(20)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{012}^{(00)} - m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(21)}m_{300}^{(22)}\\
&+m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(21)}m_{102}^{(00)} + m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(22)}m_{300}^{(21)} - 3m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(22)}m_{111}^{(00)}\\
&+m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(00)}m_{021}^{(20)} + m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{210}^{(22)} + m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{111}^{(20)}\\
&-m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(11)}m_{300}^{(22)} - m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{210}^{(21)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{120}^{(20)}\\
&-m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{021}^{(00)} + m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{300}^{(21)} - m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{111}^{(00)}\\
&+2m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(22)}m_{120}^{(00)} - m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(10)}m_{021}^{(22)} + m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(11)}m_{111}^{(22)}\\
&+m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(21)} - m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(21)} + m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(22)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{003}^{(10)} - m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(11)}m_{201}^{(22)} + m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(11)}m_{003}^{(00)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(21)} + m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{012}^{(10)} + m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(21)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{012}^{(00)} + m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{120}^{(22)} + m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{012}^{(10)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(11)}m_{210}^{(22)} - m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(11)}m_{012}^{(00)} - m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(21)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{021}^{(10)} + m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(21)} + m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{021}^{(00)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(00)}m_{003}^{(10)} + m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(10)}m_{003}^{(00)} + m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(20)}m_{102}^{(10)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(21)}m_{102}^{(00)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{012}^{(10)} - m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{012}^{(22)}\\
&+m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{102}^{(10)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{012}^{(10)} + m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(11)}m_{300}^{(22)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(11)}m_{102}^{(00)} + m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(21)} - 3m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{111}^{(10)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(21)}m_{300}^{(21)} + 3m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(21)}m_{111}^{(00)} - m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(00)}m_{021}^{(10)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(10)}m_{111}^{(10)} + m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(10)}m_{021}^{(00)} + m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(11)}m_{111}^{(00)}\\
&+2m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(20)}m_{120}^{(10)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(21)}m_{120}^{(00)} + m_{100}^{(10)}m_{001}^{(00)}m_{110}^{(11)}m_{012}^{(22)}\\
&-m_{100}^{(10)}m_{001}^{(00)}m_{110}^{(11)}m_{003}^{(21)} - m_{100}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{021}^{(22)} + m_{100}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{003}^{(11)}\\
&+m_{100}^{(10)}m_{001}^{(00)}m_{110}^{(22)}m_{021}^{(21)} - m_{100}^{(10)}m_{001}^{(00)}m_{110}^{(22)}m_{012}^{(11)} - m_{100}^{(10)}m_{001}^{(00)}m_{101}^{(11)}m_{021}^{(22)}
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&+m_{100}^{(10)}m_{001}^{(00)}m_{101}^{(11)}m_{012}^{(21)}+m_{100}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{030}^{(22)}-m_{100}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{012}^{(11)}\\
&-m_{100}^{(10)}m_{001}^{(00)}m_{101}^{(22)}m_{030}^{(21)}+m_{100}^{(10)}m_{001}^{(00)}m_{101}^{(22)}m_{021}^{(11)}-m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(10)}m_{003}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(11)}m_{102}^{(22)}+m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(20)}m_{003}^{(11)}+m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(21)}m_{111}^{(22)}\\
&+2m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(21)}-m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(22)}m_{111}^{(21)}-m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(22)}m_{102}^{(11)}\\
&+2m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(21)}+m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(11)}m_{111}^{(22)}+m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(11)}m_{102}^{(21)}\\
&-2m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{012}^{(11)}-m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{120}^{(22)}-4m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{102}^{(11)}+m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(22)}m_{120}^{(21)}+3m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(22)}m_{111}^{(11)}\\
&-m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{021}^{(21)}-m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(11)}m_{111}^{(21)}+m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(20)}m_{021}^{(11)}\\
&+2m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{120}^{(21)}+m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{111}^{(11)}-2m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(22)}m_{120}^{(11)}\\
&-m_{100}^{(10)}m_{001}^{(10)}m_{200}^{(11)}m_{012}^{(22)}+m_{100}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(22)}+m_{100}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(10)}m_{200}^{(22)}m_{021}^{(21)}-m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(22)}+m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(10)}m_{003}^{(21)}\\
&+m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(11)}m_{102}^{(22)}+m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(11)}m_{003}^{(20)}-m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(20)}-2m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{003}^{(10)}+2m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{012}^{(10)}\\
&+m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(22)}-m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(21)}+m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(22)}\\
&-m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{012}^{(20)}-2m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(22)}-m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(21)}\\
&+m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(20)}+2m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{012}^{(10)}+2m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{120}^{(21)}\\
&-2m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{021}^{(10)}+m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(00)}m_{003}^{(21)}+m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(22)}\\
&+m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(10)}m_{003}^{(20)}-2m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(21)}-2m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{003}^{(10)}\\
&-m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(21)}m_{201}^{(22)}-m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(21)}m_{102}^{(20)}+m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(22)}m_{201}^{(21)}\\
&+2m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(22)}m_{102}^{(10)}-2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{012}^{(21)}-m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(22)}\\
&-m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(21)}-2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{012}^{(20)}-m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(11)}m_{201}^{(22)}\\
&-m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(11)}m_{102}^{(20)}+4m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(21)}+4m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{012}^{(10)}\\
&+2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{210}^{(22)}+m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(21)}+3m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(20)}\\
&+2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{102}^{(10)}-2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{210}^{(21)}-6m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{111}^{(10)}\\
&+m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(00)}m_{021}^{(21)}+m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(21)}+m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{021}^{(20)}\\
&+m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(11)}m_{111}^{(20)}-2m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(21)}-2m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{021}^{(10)}\\
&-2m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{120}^{(20)}-2m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{111}^{(10)}+4m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(22)}m_{120}^{(10)}\\
&+m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(22)}-m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(21)}-m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{111}^{(22)}\\
&+m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{111}^{(21)}-m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(22)}-m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(10)}m_{003}^{(20)}\\
&+m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(21)}+m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{012}^{(20)}+m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(21)}m_{201}^{(22)}\\
&+m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(21)}m_{003}^{(00)}-m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{201}^{(21)}-m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{012}^{(00)}\\
&-m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(22)}+m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{012}^{(20)}+m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{021}^{(20)}+m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{210}^{(22)}-m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{012}^{(00)}\\
&-m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{210}^{(21)}+m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{021}^{(00)}-m_{100}^{(10)}m_{001}^{(11)}m_{020}^{(10)}m_{003}^{(20)}\\
&+m_{100}^{(10)}m_{001}^{(11)}m_{020}^{(20)}m_{102}^{(20)}+m_{100}^{(10)}m_{001}^{(11)}m_{020}^{(20)}m_{003}^{(00)}-m_{100}^{(10)}m_{001}^{(11)}m_{020}^{(22)}m_{102}^{(00)}\\
&+2m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{012}^{(20)}+m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(22)}+m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(10)}m_{102}^{(20)}\\
&-m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(21)}-3m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(20)}-2m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{012}^{(00)}\\
&-m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(21)}m_{300}^{(22)}-m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(21)}m_{102}^{(00)}+m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(22)}m_{300}^{(21)}
\end{aligned}
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\begin{aligned}
&+3m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(22)}m_{111}^{(00)} - m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(00)}m_{021}^{(20)} - m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{111}^{(20)}\\
&+2m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{120}^{(20)} + m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{021}^{(00)} + m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(21)}m_{111}^{(00)}\\
&-2m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(22)}m_{120}^{(00)} + m_{100}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(22)} - m_{100}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{030}^{(22)}\\
&-m_{100}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(21)} + m_{100}^{(10)}m_{001}^{(20)}m_{200}^{(22)}m_{030}^{(21)} + m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(22)}\\
&-m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{003}^{(11)} - 3m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(22)} + m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{003}^{(10)}\\
&-m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(21)} + m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{012}^{(11)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(22)}\\
&+3m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(21)} - m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{012}^{(10)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{120}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(22)} + m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{012}^{(11)} + m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(22)}\\
&-m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{012}^{(10)} + m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(21)} - m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{021}^{(11)}\\
&-m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(21)} + m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{021}^{(10)} - m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{003}^{(11)}\\
&-m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(22)} + m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{003}^{(10)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(22)}\\
&+m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(21)} + m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{102}^{(11)} - m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{210}^{(22)}\\
&-2m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(21)} - m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{102}^{(10)} + m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(22)}m_{210}^{(21)}\\
&+2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{012}^{(11)} + m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(22)} + m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{102}^{(11)}\\
&-2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{012}^{(10)} - m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(22)} - m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{102}^{(10)}\\
&-m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(21)} - 3m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{111}^{(11)} + m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(21)}\\
&+3m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{111}^{(10)} - m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(00)}m_{021}^{(11)} - m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{111}^{(11)}\\
&+m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{021}^{(10)} + m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(11)}m_{111}^{(10)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(20)}m_{120}^{(11)}\\
&-2m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(21)}m_{120}^{(10)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(22)} + m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(22)}\\
&+2m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(21)} + m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(22)} - m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(22)}m_{120}^{(21)} + 3m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(22)} + m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{003}^{(10)}\\
&-m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(22)} - m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(11)}m_{003}^{(00)} - 3m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{012}^{(10)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(22)} + m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(21)}\\
&+m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{012}^{(00)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(21)} + m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(22)}\\
&-m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{012}^{(10)} - m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(22)} + m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{012}^{(00)}\\
&-m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(21)} + m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{021}^{(10)} + m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{021}^{(00)} + m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{003}^{(10)} - m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(22)}\\
&-m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(10)}m_{003}^{(00)} + m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(21)} - m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{102}^{(10)}\\
&+m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(21)}m_{300}^{(22)} + m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(21)}m_{102}^{(00)} - m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(22)}m_{300}^{(21)}\\
&-2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{012}^{(10)} - m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(22)} - m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{102}^{(10)}\\
&+2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{012}^{(00)} + m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(11)}m_{300}^{(22)} + m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(11)}m_{102}^{(00)}\\
&+m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(21)} + 3m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{111}^{(10)} - m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(21)}\\
&-3m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{111}^{(00)} + m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(00)}m_{021}^{(10)} + m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{111}^{(10)}\\
&-m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{021}^{(00)} - m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(11)}m_{111}^{(00)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(20)}m_{120}^{(10)}\\
&+2m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(21)}m_{120}^{(00)} + m_{100}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(22)} - m_{100}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(22)}\\
&-m_{100}^{(10)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(21)} + m_{100}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(21)} - 2m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(22)}\\
&+2m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(22)} + 2m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(21)} - 2m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(21)}\\
&+m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(22)} - m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(22)} - m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(21)}
\end{aligned}
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\begin{aligned}
&+m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(21)} - (m_{100}^{(11)})^2m_{110}^{(00)}m_{003}^{(22)} + (m_{100}^{(11)})^2m_{110}^{(20)}m_{102}^{(22)}\\
&+(m_{100}^{(11)})^2m_{110}^{(20)}m_{003}^{(20)} - (m_{100}^{(11)})^2m_{110}^{(22)}m_{102}^{(20)} + (m_{100}^{(11)})^2m_{101}^{(00)}m_{012}^{(22)}\\
&-(m_{100}^{(11)})^2m_{101}^{(20)}m_{111}^{(22)} - (m_{100}^{(11)})^2m_{101}^{(20)}m_{012}^{(20)} + (m_{100}^{(11)})^2m_{101}^{(22)}m_{111}^{(20)}\\
&+(m_{100}^{(11)})^2m_{011}^{(00)}m_{102}^{(22)} - (m_{100}^{(11)})^2m_{011}^{(20)}m_{201}^{(22)} - (m_{100}^{(11)})^2m_{011}^{(20)}m_{102}^{(20)}\\
&+(m_{100}^{(11)})^2m_{011}^{(22)}m_{201}^{(20)} - (m_{100}^{(11)})^2m_{002}^{(00)}m_{111}^{(22)} + (m_{100}^{(11)})^2m_{002}^{(20)}m_{210}^{(22)}\\
&+(m_{100}^{(11)})^2m_{002}^{(20)}m_{111}^{(20)} - (m_{100}^{(11)})^2m_{002}^{(22)}m_{210}^{(20)} - m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(10)}m_{012}^{(22)}\\
&-m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(10)}m_{003}^{(21)} + m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(20)}m_{021}^{(22)} + m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(20)}m_{003}^{(11)}\\
&+m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(21)}m_{102}^{(21)} + m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(21)}m_{012}^{(20)} - m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(22)}m_{102}^{(11)}\\
&-m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(22)}m_{021}^{(20)} + m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(10)}m_{021}^{(22)} + m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(10)}m_{012}^{(21)}\\
&-m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(20)}m_{030}^{(22)} - m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(20)}m_{012}^{(11)} - m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(21)}m_{111}^{(21)}\\
&-m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(21)}m_{021}^{(20)} + m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(22)}m_{111}^{(11)} + m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(22)}m_{030}^{(20)}\\
&-m_{100}^{(11)}m_{100}^{(20)}m_{020}^{(00)}m_{012}^{(22)} + 2m_{100}^{(11)}m_{100}^{(20)}m_{020}^{(10)}m_{102}^{(22)} - m_{100}^{(11)}m_{100}^{(20)}m_{020}^{(20)}m_{111}^{(22)}\\
&+m_{100}^{(11)}m_{100}^{(20)}m_{020}^{(20)}m_{012}^{(20)} - 2m_{100}^{(11)}m_{100}^{(20)}m_{020}^{(21)}m_{102}^{(20)} + m_{100}^{(11)}m_{100}^{(20)}m_{020}^{(22)}m_{111}^{(20)}\\
&+2m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(00)}m_{021}^{(22)} - 3m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(10)}m_{111}^{(22)} + m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(10)}m_{102}^{(21)}\\
&+m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{120}^{(22)} - m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{102}^{(11)} - 2m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{021}^{(20)}\\
&-m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(21)}m_{201}^{(21)} + 3m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(21)}m_{111}^{(20)} + m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(22)}m_{201}^{(11)}\\
&-m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(22)}m_{120}^{(20)} - m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(00)}m_{030}^{(22)} + m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(10)}m_{120}^{(22)}\\
&-m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(10)}m_{111}^{(21)} + m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(20)}m_{111}^{(11)} + m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(20)}m_{030}^{(20)}\\
&+m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(21)}m_{210}^{(21)} - m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(21)}m_{120}^{(20)} - m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(22)}m_{210}^{(11)}\\
&+2m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(00)}m_{012}^{(22)} + 2m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(00)}m_{003}^{(21)} - m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(10)}m_{102}^{(22)}\\
&-m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(10)}m_{003}^{(20)} - m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(20)}m_{111}^{(22)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(20)}m_{102}^{(21)}\\
&-2m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(20)}m_{012}^{(20)} - m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(20)}m_{003}^{(10)} + 2m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(21)}m_{102}^{(20)}\\
&+m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(22)}m_{111}^{(20)} + m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(22)}m_{102}^{(10)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(00)}m_{021}^{(22)}\\
&-2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(00)}m_{012}^{(21)} + m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(10)}m_{111}^{(22)} + m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(10)}m_{012}^{(20)}\\
&+m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{120}^{(22)} + 2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{111}^{(21)} + 2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{021}^{(20)}\\
&+m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{012}^{(10)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(21)}m_{111}^{(20)} - m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(22)}m_{120}^{(20)}\\
&-m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(22)}m_{111}^{(10)} - m_{100}^{(11)}m_{100}^{(21)}m_{020}^{(00)}m_{102}^{(22)} + m_{100}^{(11)}m_{100}^{(21)}m_{020}^{(20)}m_{201}^{(22)}\\
&+m_{100}^{(11)}m_{100}^{(21)}m_{020}^{(20)}m_{102}^{(20)} - m_{100}^{(11)}m_{100}^{(21)}m_{022}^{(20)}m_{201}^{(20)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(00)}m_{102}^{(21)}\\
&+m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(10)}m_{201}^{(22)} + m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(10)}m_{102}^{(20)} - m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(20)}m_{210}^{(22)}\\
&+2m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(20)}m_{201}^{(21)} + m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(20)}m_{102}^{(10)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(21)}m_{201}^{(20)}\\
&+m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(22)}m_{210}^{(20)} - m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(22)}m_{201}^{(10)} + m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(00)}m_{120}^{(22)}\\
&+2m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(00)}m_{111}^{(21)} - m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(10)}m_{210}^{(22)} - m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(10)}m_{111}^{(20)}\\
&-2m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(20)}m_{210}^{(21)} - m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(20)}m_{120}^{(20)} - m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(20)}m_{111}^{(10)}\\
&+2m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(21)}m_{210}^{(20)} + m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(22)}m_{210}^{(10)} - m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(00)}m_{021}^{(22)}\\
&-m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(00)}m_{003}^{(11)} + m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(10)}m_{111}^{(22)} + m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(10)}m_{003}^{(10)}\\
&+m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(20)}m_{102}^{(11)} + m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(20)}m_{021}^{(20)} - m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(21)}m_{111}^{(20)}\\
&-m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(21)}m_{102}^{(10)} + m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(00)}m_{030}^{(22)} + m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(00)}m_{012}^{(11)}\\
&-m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(10)}m_{120}^{(22)} - m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(10)}m_{012}^{(10)} - m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(20)}m_{111}^{(11)}
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\begin{aligned}
&-m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(20)}m_{030}^{(20)}+m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(21)}m_{120}^{(20)}+m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(21)}m_{111}^{(10)}\\
&+m_{100}^{(11)}m_{100}^{(22)}m_{020}^{(00)}m_{111}^{(22)}-m_{100}^{(11)}m_{100}^{(22)}m_{020}^{(10)}m_{201}^{(22)}-m_{100}^{(11)}m_{100}^{(22)}m_{020}^{(20)}m_{111}^{(20)}\\
&+m_{100}^{(11)}m_{100}^{(22)}m_{020}^{(21)}m_{201}^{(20)}-m_{100}^{(11)}m_{100}^{(22)}m_{011}^{(00)}m_{120}^{(22)}+m_{100}^{(11)}m_{100}^{(22)}m_{011}^{(00)}m_{102}^{(11)}\\
&+m_{100}^{(11)}m_{100}^{(22)}m_{011}^{(10)}m_{210}^{(22)}-m_{100}^{(11)}m_{100}^{(22)}m_{011}^{(10)}m_{102}^{(10)}-m_{100}^{(11)}m_{100}^{(22)}m_{011}^{(20)}m_{201}^{(11)}\\
&+m_{100}^{(11)}m_{100}^{(22)}m_{011}^{(20)}m_{120}^{(20)}-m_{100}^{(11)}m_{100}^{(22)}m_{011}^{(21)}m_{210}^{(20)}+m_{100}^{(11)}m_{100}^{(22)}m_{011}^{(21)}m_{201}^{(10)}\\
&-m_{100}^{(11)}m_{100}^{(22)}m_{002}^{(00)}m_{111}^{(11)}+m_{100}^{(11)}m_{100}^{(22)}m_{002}^{(10)}m_{111}^{(10)}+m_{100}^{(11)}m_{100}^{(22)}m_{002}^{(20)}m_{210}^{(11)}\\
&-m_{100}^{(11)}m_{100}^{(22)}m_{002}^{(21)}m_{210}^{(10)}-m_{100}^{(11)}m_{010}^{(00)}m_{110}^{(20)}m_{012}^{(22)}+m_{100}^{(11)}m_{010}^{(00)}m_{110}^{(20)}m_{003}^{(21)}\\
&+m_{100}^{(11)}m_{010}^{(00)}m_{110}^{(21)}m_{102}^{(22)}-m_{100}^{(11)}m_{010}^{(00)}m_{110}^{(21)}m_{003}^{(20)}-m_{100}^{(11)}m_{010}^{(00)}m_{110}^{(22)}m_{102}^{(21)}\\
&+m_{100}^{(11)}m_{010}^{(00)}m_{110}^{(22)}m_{012}^{(20)}+m_{100}^{(11)}m_{010}^{(00)}m_{101}^{(20)}m_{021}^{(22)}-m_{100}^{(11)}m_{010}^{(00)}m_{101}^{(20)}m_{012}^{(21)}\\
&-m_{100}^{(11)}m_{010}^{(00)}m_{101}^{(21)}m_{111}^{(22)}+m_{100}^{(11)}m_{010}^{(00)}m_{101}^{(21)}m_{012}^{(20)}+m_{100}^{(11)}m_{010}^{(00)}m_{101}^{(22)}m_{111}^{(21)}\\
&-m_{100}^{(11)}m_{010}^{(00)}m_{101}^{(22)}m_{021}^{(20)}+m_{100}^{(11)}m_{010}^{(00)}m_{011}^{(20)}m_{111}^{(22)}-m_{100}^{(11)}m_{010}^{(00)}m_{011}^{(20)}m_{102}^{(21)}\\
&-m_{100}^{(11)}m_{010}^{(00)}m_{011}^{(21)}m_{201}^{(22)}+m_{100}^{(11)}m_{010}^{(00)}m_{011}^{(21)}m_{102}^{(20)}+m_{100}^{(11)}m_{010}^{(00)}m_{011}^{(22)}m_{201}^{(21)}\\
&-m_{100}^{(11)}m_{010}^{(00)}m_{011}^{(22)}m_{111}^{(20)}-m_{100}^{(11)}m_{010}^{(00)}m_{002}^{(20)}m_{120}^{(22)}+m_{100}^{(11)}m_{010}^{(00)}m_{002}^{(20)}m_{111}^{(21)}\\
&+m_{100}^{(11)}m_{010}^{(00)}m_{002}^{(21)}m_{210}^{(22)}-m_{100}^{(11)}m_{010}^{(00)}m_{002}^{(21)}m_{111}^{(20)}-m_{100}^{(11)}m_{010}^{(00)}m_{002}^{(22)}m_{210}^{(21)}\\
&+m_{100}^{(11)}m_{010}^{(00)}m_{002}^{(22)}m_{120}^{(20)}-m_{100}^{(11)}m_{010}^{(10)}m_{200}^{(10)}m_{003}^{(22)}+m_{100}^{(11)}m_{010}^{(10)}m_{200}^{(20)}m_{012}^{(22)}\\
&+m_{100}^{(11)}m_{010}^{(10)}m_{200}^{(21)}m_{003}^{(20)}-m_{100}^{(11)}m_{010}^{(10)}m_{200}^{(22)}m_{012}^{(20)}+2m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(10)}m_{102}^{(22)}\\
&-2m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(20)}m_{111}^{(22)}-2m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(21)}m_{102}^{(20)}+2m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(22)}m_{111}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(10)}m_{201}^{(22)}+m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(20)}m_{210}^{(22)}+m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(21)}m_{201}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(22)}m_{210}^{(20)}+m_{100}^{(11)}m_{010}^{(11)}m_{200}^{(00)}m_{003}^{(22)}-m_{100}^{(11)}m_{010}^{(11)}m_{200}^{(20)}m_{102}^{(22)}\\
&-m_{100}^{(11)}m_{010}^{(11)}m_{200}^{(20)}m_{003}^{(20)}+m_{100}^{(11)}m_{010}^{(11)}m_{200}^{(22)}m_{102}^{(20)}-2m_{100}^{(11)}m_{010}^{(11)}m_{101}^{(00)}m_{102}^{(22)}\\
&+2m_{100}^{(11)}m_{010}^{(11)}m_{101}^{(20)}m_{201}^{(22)}+2m_{100}^{(11)}m_{010}^{(11)}m_{101}^{(20)}m_{102}^{(20)}-2m_{100}^{(11)}m_{010}^{(11)}m_{101}^{(22)}m_{201}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(11)}m_{002}^{(00)}m_{201}^{(22)}-m_{100}^{(11)}m_{010}^{(11)}m_{002}^{(20)}m_{300}^{(22)}-m_{100}^{(11)}m_{010}^{(11)}m_{002}^{(20)}m_{201}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(11)}m_{002}^{(22)}m_{300}^{(20)}+m_{100}^{(11)}m_{010}^{(20)}m_{200}^{(10)}m_{012}^{(22)}-m_{100}^{(11)}m_{010}^{(20)}m_{200}^{(20)}m_{021}^{(22)}\\
&-m_{100}^{(11)}m_{010}^{(20)}m_{200}^{(21)}m_{012}^{(20)}+m_{100}^{(11)}m_{010}^{(20)}m_{200}^{(22)}m_{021}^{(20)}+m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(00)}m_{012}^{(22)}\\
&-m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(00)}m_{003}^{(21)}-2m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(10)}m_{102}^{(22)}+2m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(10)}m_{003}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(20)}m_{111}^{(22)}+m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(20)}m_{102}^{(21)}-m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(20)}m_{003}^{(10)}-m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(22)}m_{111}^{(20)}+m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(22)}m_{102}^{(10)}\\
&-m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(00)}m_{021}^{(22)}+m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(00)}m_{012}^{(21)}-2m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(10)}m_{012}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{120}^{(22)}-m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{111}^{(21)}+m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{021}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{012}^{(10)}+2m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(20)}-m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(22)}m_{120}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(22)}m_{111}^{(10)}-m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(00)}m_{111}^{(22)}+m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(00)}m_{102}^{(21)}\\
&+2m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(10)}m_{201}^{(22)}-2m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(10)}m_{102}^{(20)}-m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(20)}m_{210}^{(22)}\\
&-m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(20)}m_{201}^{(21)}+m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(20)}+m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(20)}m_{102}^{(10)}\\
&+m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(22)}m_{210}^{(20)}-m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(22)}m_{201}^{(10)}+m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(00)}m_{120}^{(22)}\\
&-m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(00)}m_{111}^{(21)}-m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(10)}m_{210}^{(22)}+2m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(10)}m_{111}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(20)}m_{210}^{(21)}-m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(20)}m_{120}^{(20)}-m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(20)}m_{111}^{(10)}\\
&-m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(21)}m_{210}^{(20)}+m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(22)}m_{210}^{(10)}-2m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(00)}m_{012}^{(22)}\\
&+m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(10)}m_{102}^{(22)}+m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{111}^{(22)}+2m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(20)}
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&-m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(21)}m_{102}^{(20)} - m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{111}^{(20)} + m_{100}^{(11)}m_{010}^{(21)}m_{110}^{(00)}m_{102}^{(22)}\\
&-m_{100}^{(11)}m_{010}^{(21)}m_{110}^{(00)}m_{003}^{(20)} - m_{100}^{(11)}m_{010}^{(21)}m_{110}^{(20)}m_{201}^{(22)} + m_{100}^{(11)}m_{010}^{(21)}m_{110}^{(20)}m_{003}^{(00)}\\
&+m_{100}^{(11)}m_{010}^{(21)}m_{110}^{(22)}m_{201}^{(20)} - m_{100}^{(11)}m_{010}^{(21)}m_{110}^{(22)}m_{102}^{(00)} + 3m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(00)}m_{111}^{(22)}\\
&+m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(00)}m_{012}^{(20)} - 2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(10)}m_{201}^{(22)} - m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{210}^{(22)}\\
&-4m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(20)} - m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{012}^{(00)} + 2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(21)}m_{201}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(22)}m_{210}^{(20)} + m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(22)}m_{111}^{(00)} - m_{100}^{(11)}m_{010}^{(21)}m_{011}^{(00)}m_{201}^{(22)}\\
&+m_{100}^{(11)}m_{010}^{(21)}m_{011}^{(00)}m_{102}^{(20)} + m_{100}^{(11)}m_{010}^{(21)}m_{011}^{(20)}m_{300}^{(22)} - m_{100}^{(11)}m_{010}^{(21)}m_{011}^{(20)}m_{102}^{(00)}\\
&-m_{100}^{(11)}m_{010}^{(21)}m_{011}^{(22)}m_{300}^{(20)} + m_{100}^{(11)}m_{010}^{(21)}m_{011}^{(22)}m_{201}^{(00)} - m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(00)}m_{210}^{(22)}\\
&-m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(00)}m_{111}^{(20)} + m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(10)}m_{300}^{(22)} + 2m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(20)}m_{210}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(20)}m_{111}^{(00)} - m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(21)}m_{300}^{(20)} - m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(22)}m_{210}^{(00)}\\
&+m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(00)}m_{021}^{(22)} - m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(10)}m_{111}^{(22)} - m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(20)} - m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(00)}m_{111}^{(22)} + m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(00)}m_{003}^{(10)}\\
&+m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(10)}m_{201}^{(22)} - m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(10)}m_{003}^{(00)} + m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(20)}m_{102}^{(10)} - m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(20)} + m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(21)}m_{102}^{(00)}\\
&-m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(00)}m_{120}^{(22)} - m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(00)}m_{012}^{(10)} + m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(10)}m_{210}^{(22)}\\
&+m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(10)}m_{012}^{(00)} + m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(20)} + m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(20)}m_{111}^{(10)}\\
&-m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(20)} - m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(21)}m_{111}^{(00)} + m_{100}^{(11)}m_{010}^{(22)}m_{011}^{(00)}m_{210}^{(22)}\\
&-m_{100}^{(11)}m_{010}^{(22)}m_{011}^{(00)}m_{102}^{(10)} - m_{100}^{(11)}m_{010}^{(22)}m_{011}^{(10)}m_{300}^{(22)} + m_{100}^{(11)}m_{010}^{(22)}m_{011}^{(10)}m_{102}^{(00)}\\
&-m_{100}^{(11)}m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(20)} + m_{100}^{(11)}m_{010}^{(22)}m_{011}^{(20)}m_{201}^{(10)} + m_{100}^{(11)}m_{010}^{(22)}m_{011}^{(21)}m_{300}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(22)}m_{011}^{(21)}m_{201}^{(00)} + m_{100}^{(11)}m_{010}^{(22)}m_{002}^{(00)}m_{111}^{(10)} - m_{100}^{(11)}m_{010}^{(22)}m_{002}^{(10)}m_{111}^{(00)}\\
&-m_{100}^{(11)}m_{010}^{(22)}m_{002}^{(20)}m_{210}^{(10)} + m_{100}^{(11)}m_{010}^{(22)}m_{002}^{(21)}m_{210}^{(00)} - m_{100}^{(11)}m_{001}^{(00)}m_{110}^{(10)}m_{012}^{(22)}\\
&+m_{100}^{(11)}m_{001}^{(00)}m_{110}^{(10)}m_{003}^{(21)} + m_{100}^{(11)}m_{001}^{(00)}m_{110}^{(20)}m_{021}^{(22)} - m_{100}^{(11)}m_{001}^{(00)}m_{110}^{(20)}m_{003}^{(11)}\\
&-m_{100}^{(11)}m_{001}^{(00)}m_{110}^{(21)}m_{102}^{(21)} + m_{100}^{(11)}m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(20)} + m_{100}^{(11)}m_{001}^{(00)}m_{110}^{(22)}m_{102}^{(11)}\\
&-m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(22)}m_{021}^{(20)} + m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(10)}m_{021}^{(22)} - m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(10)}m_{012}^{(21)}\\
&-m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{030}^{(22)} + m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{012}^{(11)} + m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(21)}m_{111}^{(21)}\\
&-m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(20)} - m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(22)}m_{111}^{(11)} + m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(22)}m_{030}^{(20)}\\
&+m_{100}^{(11)}m_{001}^{(00)}m_{020}^{(10)}m_{102}^{(22)} - m_{100}^{(11)}m_{001}^{(00)}m_{020}^{(20)}m_{111}^{(22)} - m_{100}^{(11)}m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(20)}\\
&+m_{100}^{(11)}m_{001}^{(00)}m_{020}^{(22)}m_{111}^{(20)} - m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(22)} - m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(10)}m_{102}^{(21)}\\
&+m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{120}^{(22)} + m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{102}^{(11)} + m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(21)}m_{201}^{(21)}\\
&+m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(20)} - m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(22)}m_{201}^{(20)} - m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(22)}m_{120}^{(20)}\\
&+m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(10)}m_{111}^{(21)} - m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(20)}m_{111}^{(11)} - m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(21)}m_{210}^{(21)}\\
&+m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(22)}m_{210}^{(11)} + m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(10)}m_{012}^{(22)} - m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{021}^{(22)}\\
&-m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(20)} + m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{021}^{(20)} + m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(00)}m_{012}^{(22)}\\
&-m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(00)}m_{003}^{(21)} - m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(22)} - m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(10)}m_{003}^{(20)}\\
&+m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{102}^{(21)} - m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(20)} + 2m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{003}^{(10)}\\
&+2m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(20)} - 2m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(22)}m_{102}^{(10)} - m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(00)}m_{021}^{(22)}\\
&+m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(00)}m_{012}^{(21)} - m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(22)} + m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{012}^{(10)}\\
&+2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{120}^{(22)} - m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(21)} + m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(20)}
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&-2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{012}^{(10)} - 2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{120}^{(20)} + 2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{111}^{(10)}\\
&-m_{100}^{(11)}m_{001}^{(10)}m_{020}^{(00)}m_{102}^{(22)} + m_{100}^{(11)}m_{001}^{(10)}m_{020}^{(20)}m_{201}^{(22)} + m_{100}^{(11)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(10)}m_{020}^{(22)}m_{201}^{(20)} + m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(00)}m_{111}^{(22)} + m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(00)}m_{102}^{(21)}\\
&+m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(22)} + m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(20)} - 2m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(22)}\\
&-m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(21)} - m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(20)} - 2m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{102}^{(10)}\\
&-2m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(20)} + 2m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(22)}m_{210}^{(20)} + 2m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(22)}m_{201}^{(10)}\\
&-m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(00)}m_{111}^{(21)} - m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(20)} + m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{210}^{(21)}\\
&+2m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{111}^{(10)} + m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(21)}m_{210}^{(20)} - 2m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(22)}m_{210}^{(10)}\\
&-m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(00)}m_{012}^{(22)} + m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(20)}m_{111}^{(22)} + m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(22)}m_{111}^{(20)} + m_{100}^{(11)}m_{001}^{(11)}m_{110}^{(00)}m_{102}^{(22)} + m_{100}^{(11)}m_{001}^{(11)}m_{110}^{(00)}m_{003}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(11)}m_{110}^{(20)}m_{201}^{(22)} - 2m_{100}^{(11)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(20)} - m_{100}^{(11)}m_{001}^{(11)}m_{110}^{(20)}m_{003}^{(00)}\\
&+m_{100}^{(11)}m_{001}^{(11)}m_{110}^{(22)}m_{201}^{(20)} + m_{100}^{(11)}m_{001}^{(11)}m_{110}^{(22)}m_{102}^{(00)} + m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(00)}m_{111}^{(22)}\\
&-m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(00)}m_{012}^{(20)} - m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(20)}m_{210}^{(22)} + m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(20)}m_{012}^{(00)}\\
&+m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(22)}m_{210}^{(20)} - m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(22)}m_{111}^{(00)} - m_{100}^{(11)}m_{001}^{(11)}m_{011}^{(00)}m_{201}^{(22)}\\
&-m_{100}^{(11)}m_{001}^{(11)}m_{011}^{(00)}m_{102}^{(20)} + m_{100}^{(11)}m_{001}^{(11)}m_{011}^{(20)}m_{300}^{(22)} + 2m_{100}^{(11)}m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(20)}\\
&+m_{100}^{(11)}m_{001}^{(11)}m_{011}^{(20)}m_{102}^{(00)} - m_{100}^{(11)}m_{001}^{(11)}m_{011}^{(22)}m_{300}^{(20)} - m_{100}^{(11)}m_{001}^{(11)}m_{011}^{(22)}m_{201}^{(00)}\\
&+m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(00)}m_{111}^{(20)} - m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(20)} - m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(20)}m_{111}^{(00)}\\
&+m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(22)}m_{210}^{(00)} - m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(22)} + m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{030}^{(22)}\\
&+m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(20)} - m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(22)}m_{030}^{(20)} - m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(00)}m_{021}^{(22)}\\
&+m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(00)}m_{003}^{(11)} + 3m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(22)} - m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{003}^{(10)}\\
&-2m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(22)} - m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{102}^{(11)} + m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(20)}\\
&-3m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(20)} + m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{102}^{(10)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(22)}m_{120}^{(20)}\\
&+m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{030}^{(22)} - m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{012}^{(11)} - m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(22)}\\
&+m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{012}^{(10)} + m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{111}^{(11)} - m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(20)}\\
&+m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(20)} - m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{111}^{(10)} + m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(22)}\\
&-2m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(22)} + m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(22)} - m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(20)}\\
&+2m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(20)} - m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(22)}m_{210}^{(20)} - m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(22)}\\
&-m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{102}^{(11)} + m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(22)} + m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{102}^{(10)}\\
&+m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{201}^{(11)} + m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(20)} - m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{201}^{(10)} + m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(00)}m_{111}^{(11)} - m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(10)}m_{111}^{(10)}\\
&-m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(20)}m_{210}^{(11)} + m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(21)}m_{210}^{(10)} + 2m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(22)}\\
&-m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(22)} - m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{120}^{(22)} - 2m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(20)}\\
&+m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(20)} + m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(22)}m_{120}^{(20)} - 3m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(22)}\\
&-m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{003}^{(10)} + m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(22)} + m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(10)}m_{003}^{(00)}\\
&+2m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(22)} + 3m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(20)} + m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{102}^{(10)}\\
&-m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(20)} - m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(21)}m_{102}^{(00)} - 2m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(22)} + m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{012}^{(10)} + m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(22)}\\
&-m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{012}^{(00)} + m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(20)} - m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{111}^{(10)}
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&-m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(20)}+m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{111}^{(00)}+m_{100}^{(11)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(22)}\\
&-m_{100}^{(11)}m_{001}^{(21)}m_{020}^{(20)}m_{300}^{(22)}-m_{100}^{(11)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(20)}+m_{100}^{(11)}m_{001}^{(21)}m_{020}^{(22)}m_{300}^{(20)}\\
&+m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(22)}+m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{102}^{(10)}-m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(22)}\\
&-m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(10)}m_{102}^{(00)}-m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(20)}-m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{201}^{(10)}\\
&+m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(20)}+m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(21)}m_{201}^{(00)}-m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(00)}m_{111}^{(10)}\\
&+m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(10)}m_{111}^{(00)}+m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(20)}m_{210}^{(10)}-m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(21)}m_{210}^{(00)}\\
&-m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(22)}+m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(22)}+m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(20)}+2m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(22)}-2m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(22)}\\
&-2m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(20)}+2m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(20)}-m_{100}^{(11)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(22)}\\
&+m_{100}^{(11)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(22)}+m_{100}^{(11)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(20)}-m_{100}^{(11)}m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(20)}\\
&-(m_{100}^{(20)})^2m_{110}^{(11)}m_{012}^{(21)}+(m_{100}^{(20)})^2m_{110}^{(21)}m_{021}^{(21)}+(m_{100}^{(20)})^2m_{110}^{(21)}m_{012}^{(11)}\\
&-(m_{100}^{(20)})^2m_{110}^{(22)}m_{021}^{(11)}+(m_{100}^{(20)})^2m_{101}^{(11)}m_{021}^{(21)}-(m_{100}^{(20)})^2m_{101}^{(21)}m_{030}^{(21)}\\
&-(m_{100}^{(20)})^2m_{101}^{(21)}m_{021}^{(11)}+(m_{100}^{(20)})^2m_{101}^{(22)}m_{030}^{(11)}-(m_{100}^{(20)})^2m_{020}^{(10)}m_{012}^{(21)}\\
&+2(m_{100}^{(20)})^2m_{020}^{(11)}m_{102}^{(21)}+(m_{100}^{(20)})^2m_{020}^{(20)}m_{012}^{(11)}-(m_{100}^{(20)})^2m_{020}^{(21)}m_{111}^{(21)}\\
&-2(m_{100}^{(20)})^2m_{020}^{(21)}m_{102}^{(11)}+(m_{100}^{(20)})^2m_{020}^{(22)}m_{111}^{(11)}+2(m_{100}^{(20)})^2m_{011}^{(10)}m_{021}^{(21)}\\
&-3(m_{100}^{(20)})^2m_{011}^{(11)}m_{111}^{(21)}-2(m_{100}^{(20)})^2m_{011}^{(20)}m_{021}^{(11)}+(m_{100}^{(20)})^2m_{011}^{(21)}m_{120}^{(21)}\\
&+3(m_{100}^{(20)})^2m_{011}^{(21)}m_{111}^{(11)}-(m_{100}^{(20)})^2m_{011}^{(22)}m_{120}^{(11)}-(m_{100}^{(20)})^2m_{002}^{(10)}m_{030}^{(21)}\\
&+(m_{100}^{(20)})^2m_{002}^{(11)}m_{120}^{(21)}+(m_{100}^{(20)})^2m_{002}^{(20)}m_{030}^{(11)}-(m_{100}^{(20)})^2m_{002}^{(21)}m_{120}^{(11)}\\
&+4m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(10)}m_{012}^{(21)}-m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(11)}m_{102}^{(21)}-m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(11)}m_{012}^{(20)}\\
&-2m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(20)}m_{021}^{(21)}-2m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(20)}m_{012}^{(11)}-m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{111}^{(21)}\\
&+m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{102}^{(11)}+m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{021}^{(20)}-m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{012}^{(10)}\\
&+m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(22)}m_{111}^{(11)}+m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(22)}m_{021}^{(10)}-4m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(10)}m_{021}^{(21)}\\
&+m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{111}^{(21)}+m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{021}^{(20)}+2m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(20)}m_{030}^{(21)}\\
&+2m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(20)}m_{021}^{(11)}+m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{120}^{(21)}-m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{111}^{(11)}\\
&-m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{030}^{(20)}+m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{021}^{(10)}-m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(22)}m_{120}^{(11)}\\
&-m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(22)}m_{030}^{(10)}+2m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(00)}m_{012}^{(21)}-5m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(10)}m_{102}^{(21)}\\
&-m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(10)}m_{012}^{(20)}+2m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(11)}m_{102}^{(20)}+2m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{111}^{(21)}\\
&+m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{102}^{(11)}-m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{012}^{(10)}+m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(21)}m_{201}^{(21)}\\
&-m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(21)}m_{111}^{(20)}+2m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(21)}m_{102}^{(10)}-m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(22)}m_{201}^{(11)}\\
&-m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(22)}m_{111}^{(10)}-4m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(00)}m_{021}^{(21)}+6m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{111}^{(21)}\\
&+2m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{021}^{(20)}+m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(11)}m_{201}^{(21)}-3m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(11)}m_{111}^{(20)}\\
&-2m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(20)}m_{120}^{(21)}+2m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(20)}m_{021}^{(10)}-m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(21)}m_{210}^{(21)}\\
&-m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(21)}m_{201}^{(11)}+m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(21)}m_{120}^{(20)}-3m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(21)}m_{111}^{(10)}\\
&+m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(22)}m_{210}^{(11)}+m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(22)}m_{120}^{(10)}+2m_{100}^{(20)}m_{100}^{(21)}m_{002}^{(00)}m_{030}^{(21)}\\
&-m_{100}^{(20)}m_{100}^{(21)}m_{002}^{(10)}m_{120}^{(21)}-m_{100}^{(20)}m_{100}^{(21)}m_{002}^{(10)}m_{030}^{(20)}-m_{100}^{(20)}m_{100}^{(21)}m_{002}^{(11)}m_{210}^{(21)}\\
&+m_{100}^{(20)}m_{100}^{(21)}m_{002}^{(11)}m_{120}^{(20)}-m_{100}^{(20)}m_{100}^{(21)}m_{002}^{(20)}m_{120}^{(11)}-m_{100}^{(20)}m_{100}^{(21)}m_{002}^{(20)}m_{030}^{(10)}\\
&+m_{100}^{(20)}m_{100}^{(21)}m_{002}^{(21)}m_{210}^{(11)}+m_{100}^{(20)}m_{100}^{(21)}m_{002}^{(21)}m_{120}^{(10)}-m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(10)}m_{021}^{(21)}\\
&-m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(10)}m_{012}^{(11)}+m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(11)}m_{111}^{(21)}+m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(11)}m_{012}^{(10)}
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&+2m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(20)}m_{021}^{(11)} - m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(21)}m_{111}^{(11)} - m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(21)}m_{021}^{(10)}\\
&+m_{100}^{(20)}m_{100}^{(22)}m_{101}^{(10)}m_{030}^{(21)} + m_{100}^{(20)}m_{100}^{(22)}m_{101}^{(10)}m_{021}^{(11)} - m_{100}^{(20)}m_{100}^{(22)}m_{101}^{(11)}m_{120}^{(21)}\\
&-m_{100}^{(20)}m_{100}^{(22)}m_{101}^{(11)}m_{021}^{(10)} - 2m_{100}^{(20)}m_{100}^{(22)}m_{101}^{(20)}m_{030}^{(11)} + m_{100}^{(20)}m_{100}^{(22)}m_{101}^{(21)}m_{120}^{(11)}\\
&+m_{100}^{(20)}m_{100}^{(22)}m_{101}^{(21)}m_{030}^{(10)} - m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(00)}m_{012}^{(11)} + m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(10)}m_{111}^{(21)}\\
&+2m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(10)}m_{102}^{(11)} + m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(10)}m_{012}^{(10)} - m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(11)}m_{201}^{(21)}\\
&-2m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(11)}m_{102}^{(10)} - 2m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(20)}m_{111}^{(11)} + m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(21)}m_{201}^{(11)}\\
&+m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(21)}m_{111}^{(10)} + 2m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(00)}m_{021}^{(11)} - m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(10)}m_{120}^{(21)}\\
&-3m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(10)}m_{111}^{(11)} - 2m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(10)}m_{021}^{(10)} + m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(11)}m_{210}^{(21)}\\
&+3m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(11)}m_{111}^{(10)} + 2m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(20)}m_{120}^{(11)} - m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(21)}m_{210}^{(11)}\\
&-m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(21)}m_{120}^{(10)} - m_{100}^{(20)}m_{100}^{(22)}m_{002}^{(00)}m_{030}^{(11)} + m_{100}^{(20)}m_{100}^{(22)}m_{002}^{(10)}m_{120}^{(11)}\\
&+m_{100}^{(20)}m_{100}^{(22)}m_{002}^{(10)}m_{030}^{(10)} - m_{100}^{(20)}m_{100}^{(22)}m_{002}^{(11)}m_{120}^{(10)} - m_{100}^{(20)}m_{010}^{(00)}m_{110}^{(11)}m_{012}^{(22)}\\
&+m_{100}^{(20)}m_{010}^{(00)}m_{110}^{(11)}m_{003}^{(21)} + m_{100}^{(20)}m_{010}^{(00)}m_{110}^{(21)}m_{021}^{(22)} - m_{100}^{(20)}m_{010}^{(00)}m_{110}^{(21)}m_{003}^{(11)}\\
&-m_{100}^{(20)}m_{010}^{(00)}m_{110}^{(22)}m_{021}^{(21)} + m_{100}^{(20)}m_{010}^{(00)}m_{110}^{(22)}m_{012}^{(11)} + m_{100}^{(20)}m_{010}^{(00)}m_{101}^{(11)}m_{021}^{(22)}\\
&-m_{100}^{(20)}m_{010}^{(00)}m_{101}^{(11)}m_{012}^{(21)} - m_{100}^{(20)}m_{010}^{(00)}m_{101}^{(21)}m_{030}^{(22)} + m_{100}^{(20)}m_{010}^{(00)}m_{101}^{(21)}m_{012}^{(11)}\\
&+m_{100}^{(20)}m_{010}^{(00)}m_{101}^{(22)}m_{030}^{(21)} - m_{100}^{(20)}m_{010}^{(00)}m_{101}^{(22)}m_{021}^{(11)} - m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(10)}m_{012}^{(22)}\\
&+2m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(11)}m_{102}^{(22)} + m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(20)}m_{012}^{(21)} - m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(21)}m_{111}^{(22)}\\
&-2m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(21)}m_{102}^{(21)} + m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(22)}m_{111}^{(21)} + 2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(10)}m_{021}^{(22)}\\
&-3m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(11)}m_{111}^{(22)} - m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{102}^{(22)} - 2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(20)}m_{021}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{120}^{(22)} + 4m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{111}^{(21)} + m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{102}^{(11)}\\
&-m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(22)}m_{120}^{(21)} - m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(22)}m_{111}^{(11)} - m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(10)}m_{030}^{(22)}\\
&+m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(11)}m_{120}^{(22)} + m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(11)}m_{111}^{(21)} + m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(20)}m_{030}^{(21)}\\
&-2m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(21)}m_{120}^{(21)} - m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(21)}m_{111}^{(11)} + m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(22)}m_{120}^{(11)}\\
&-m_{100}^{(20)}m_{010}^{(10)}m_{200}^{(11)}m_{003}^{(21)} + m_{100}^{(20)}m_{010}^{(10)}m_{200}^{(21)}m_{012}^{(21)} + m_{100}^{(20)}m_{010}^{(10)}m_{200}^{(21)}m_{003}^{(11)}\\
&-m_{100}^{(20)}m_{010}^{(10)}m_{200}^{(22)}m_{012}^{(11)} + m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(10)}m_{012}^{(22)} - m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(10)}m_{003}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(20)}m_{021}^{(22)} + m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(20)}m_{003}^{(11)} + m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{102}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{012}^{(20)} - m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{102}^{(11)} + m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{021}^{(20)}\\
&-m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(10)}m_{021}^{(22)} + m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(10)}m_{012}^{(21)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(11)}m_{102}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(20)}m_{030}^{(22)} - m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(20)}m_{012}^{(11)} - 3m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(21)}\\
&-2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{102}^{(11)} + m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{021}^{(20)} + 3m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(22)}m_{111}^{(11)}\\
&-m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(22)}m_{030}^{(20)} + m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(00)}m_{012}^{(22)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(10)}m_{102}^{(22)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(20)}m_{111}^{(22)} - m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(20)}m_{012}^{(20)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(21)}m_{102}^{(20)}\\
&-m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(22)}m_{111}^{(20)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(00)}m_{021}^{(22)} + 3m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{111}^{(22)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{102}^{(21)} - m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{120}^{(22)} - m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{102}^{(11)}\\
&+2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{021}^{(20)} - m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{201}^{(21)} - 3m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{111}^{(20)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(22)}m_{201}^{(11)} + m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(22)}m_{120}^{(20)} + m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(00)}m_{030}^{(22)}\\
&-m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{120}^{(22)} - m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{111}^{(21)} - m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(11)}m_{201}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(20)}m_{111}^{(11)} - m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(20)}m_{030}^{(20)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(21)}m_{210}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(21)}m_{201}^{(11)} + m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(21)}m_{120}^{(20)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(22)}m_{210}^{(11)}
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&+m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(10)}m_{003}^{(21)} - m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(20)}m_{003}^{(11)} - m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(21)}m_{102}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(22)}m_{102}^{(11)} - 2m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(10)}m_{102}^{(21)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(20)}m_{102}^{(11)}\\
&+2m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(21)}m_{201}^{(21)} - 2m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(22)}m_{201}^{(11)} + m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(10)}m_{201}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(20)}m_{201}^{(11)} - m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(21)}m_{300}^{(21)} + m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(22)}m_{300}^{(11)}\\
&+m_{100}^{(20)}m_{010}^{(20)}m_{200}^{(11)}m_{012}^{(21)} - m_{100}^{(20)}m_{010}^{(20)}m_{200}^{(21)}m_{021}^{(21)} - m_{100}^{(20)}m_{010}^{(20)}m_{200}^{(21)}m_{012}^{(11)}\\
&+m_{100}^{(20)}m_{010}^{(20)}m_{200}^{(22)}m_{021}^{(11)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(11)}m_{102}^{(21)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(11)}m_{012}^{(20)}\\
&+m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(20)}m_{021}^{(21)} - m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(11)} + m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{111}^{(21)}\\
&+2m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{102}^{(11)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{021}^{(20)} - m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{012}^{(10)}\\
&-m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(22)}m_{111}^{(11)} + m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(22)}m_{021}^{(10)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(11)}m_{021}^{(20)}\\
&-m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(20)}m_{030}^{(21)} + m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(20)}m_{021}^{(11)} + m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{120}^{(21)}\\
&+2m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{030}^{(20)} + m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{021}^{(10)} - m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(22)}m_{120}^{(11)}\\
&-m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(22)}m_{030}^{(10)} - m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(00)}m_{012}^{(21)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(10)}m_{102}^{(21)}\\
&+2m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(10)}m_{012}^{(20)} - 4m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(11)}m_{102}^{(20)} - m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(20)}m_{111}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(20)}m_{012}^{(10)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(21)}m_{111}^{(20)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(21)}m_{102}^{(10)}\\
&-m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(22)}m_{111}^{(10)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(00)}m_{021}^{(21)} - 4m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(21)}\\
&-4m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{021}^{(20)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(11)}m_{201}^{(21)} + 6m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(11)}m_{111}^{(20)}\\
&+m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(20)}m_{120}^{(21)} + m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(11)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(20)}m_{021}^{(10)}\\
&-m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{210}^{(21)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{201}^{(11)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{120}^{(20)}\\
&-3m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(10)} + m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(22)}m_{210}^{(11)} + m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(22)}m_{120}^{(10)}\\
&-m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(00)}m_{030}^{(21)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(10)}m_{120}^{(21)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(10)}m_{030}^{(20)}\\
&-m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(11)}m_{210}^{(21)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(11)}m_{120}^{(20)} - m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(20)}m_{120}^{(11)}\\
&-m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(20)}m_{030}^{(10)} + m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(21)}m_{210}^{(11)} + m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(21)}m_{120}^{(10)}\\
&-2m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(21)} + m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(11)}m_{102}^{(21)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(11)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(21)} - m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{102}^{(11)} - m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(22)}m_{111}^{(11)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{102}^{(21)} - m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{012}^{(20)} - m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(11)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{021}^{(20)} - m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{201}^{(21)} + m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{012}^{(00)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(22)}m_{201}^{(11)} - m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(22)}m_{021}^{(00)} + 3m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{021}^{(20)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(11)}m_{201}^{(21)} - 3m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(11)}\\
&-m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{030}^{(20)} - m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{210}^{(21)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{201}^{(11)}\\
&-m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{021}^{(00)} + m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(22)}m_{210}^{(11)} + m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(22)}m_{030}^{(00)}\\
&-m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(00)}m_{012}^{(20)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(10)}m_{102}^{(20)} - m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(20)}m_{111}^{(20)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(20)}m_{012}^{(00)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(21)}m_{102}^{(00)} + m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(22)}m_{111}^{(00)}\\
&+2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{021}^{(20)} - m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(21)} - 3m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{111}^{(20)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(11)} + m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{120}^{(20)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{021}^{(00)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{300}^{(21)} + 3m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{111}^{(00)} - m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(22)}m_{300}^{(11)}\\
&-m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(22)}m_{120}^{(00)} - m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(00)}m_{030}^{(20)} - m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(10)}m_{210}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(10)}m_{120}^{(20)} + m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(11)}m_{300}^{(21)} + m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(20)}m_{210}^{(11)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(20)}m_{030}^{(00)} - m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(21)}m_{300}^{(11)} - m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(21)}m_{120}^{(00)}
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\begin{aligned}
&+m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(10)}m_{021}^{(21)} - m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(11)}m_{111}^{(21)} - m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(11)}\\
&+m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(11)} - m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(21)} + m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{012}^{(10)}\\
&+m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(11)}m_{201}^{(21)} - m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(11)}m_{012}^{(00)} + m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(11)}\\
&-m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{021}^{(10)} - m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(11)} + m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{021}^{(00)}\\
&-m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(10)}m_{120}^{(21)} - m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(10)}m_{021}^{(10)} + m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(11)}m_{210}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(11)}m_{021}^{(00)} + m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(11)} + m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(20)}m_{030}^{(10)}\\
&-m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(11)} - m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(21)}m_{030}^{(00)} + m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(00)}m_{012}^{(10)}\\
&-2m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(10)}m_{102}^{(10)} - m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(10)}m_{012}^{(00)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(11)}m_{102}^{(00)}\\
&+m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(20)}m_{111}^{(10)} - m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(21)}m_{111}^{(00)} - 2m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(00)}m_{021}^{(10)}\\
&+m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{210}^{(21)} + 3m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{111}^{(10)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{021}^{(00)}\\
&-m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(11)}m_{300}^{(21)} - 3m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(11)}m_{111}^{(00)} - m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(11)}\\
&-m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(20)}m_{120}^{(10)} + m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(21)}m_{300}^{(11)} + m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(21)}m_{120}^{(00)}\\
&+m_{100}^{(20)}m_{010}^{(22)}m_{002}^{(00)}m_{030}^{(10)} - m_{100}^{(20)}m_{010}^{(22)}m_{002}^{(10)}m_{120}^{(10)} - m_{100}^{(20)}m_{010}^{(22)}m_{002}^{(10)}m_{030}^{(00)}\\
&+m_{100}^{(20)}m_{010}^{(22)}m_{002}^{(11)}m_{120}^{(00)} + m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(10)}m_{012}^{(21)} - m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(11)}m_{102}^{(21)}\\
&-m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(20)}m_{012}^{(11)} + m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(11)} - 2m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{021}^{(21)}\\
&+2m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{111}^{(21)} + 2m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(11)} - 2m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(11)}\\
&+m_{100}^{(20)}m_{001}^{(00)}m_{002}^{(10)}m_{030}^{(21)} - m_{100}^{(20)}m_{001}^{(00)}m_{002}^{(11)}m_{120}^{(21)} - m_{100}^{(20)}m_{001}^{(00)}m_{002}^{(20)}m_{030}^{(11)}\\
&+m_{100}^{(20)}m_{001}^{(00)}m_{002}^{(21)}m_{120}^{(11)} + m_{100}^{(20)}m_{001}^{(10)}m_{200}^{(11)}m_{012}^{(21)} - m_{100}^{(20)}m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(11)} + m_{100}^{(20)}m_{001}^{(10)}m_{200}^{(22)}m_{021}^{(11)} - m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(11)}m_{102}^{(21)}\\
&-m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(11)} + m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(11)} - m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(11)}\\
&+m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(11)} + m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{021}^{(20)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(10)}\\
&-2m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{021}^{(10)} - m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(21)} + m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{021}^{(20)}\\
&-m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{030}^{(21)} + m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(11)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(21)}\\
&+m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(11)} - m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{030}^{(20)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(10)}\\
&-2m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(22)}m_{120}^{(11)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(22)}m_{030}^{(10)} - m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(00)}m_{012}^{(21)}\\
&+m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(21)} - m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{012}^{(20)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(11)}m_{102}^{(20)}\\
&-m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{111}^{(21)} + m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{102}^{(11)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{012}^{(11)}\\
&+m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{201}^{(21)} - m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{111}^{(20)} - 4m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{102}^{(10)}\\
&-m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(22)}m_{201}^{(11)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(22)}m_{111}^{(10)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(00)}m_{021}^{(21)}\\
&-2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(21)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{021}^{(20)} + m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{201}^{(21)}\\
&-3m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{111}^{(20)} + m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(21)} - m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(11)}\\
&-4m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{021}^{(10)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{210}^{(21)} - m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(11)}\\
&+m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{120}^{(20)} + 6m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(10)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(22)}m_{210}^{(11)}\\
&-2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(22)}m_{120}^{(10)} - m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(00)}m_{030}^{(21)} + m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{120}^{(21)}\\
&-m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{030}^{(20)} + m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(11)}m_{120}^{(20)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(20)}m_{030}^{(10)}\\
&-2m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(21)}m_{120}^{(10)} - m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(21)} + m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(11)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(21)}m_{111}^{(21)} - m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(22)}m_{111}^{(11)} + m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(21)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(10)}m_{012}^{(20)} - m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(11)} - m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{021}^{(20)}
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\begin{aligned}
&-m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{201}^{(21)} - m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{012}^{(00)} + m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(22)}m_{201}^{(11)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(22)}m_{021}^{(00)} + m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(21)} - m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{021}^{(20)}\\
&-m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(11)} + m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{030}^{(20)} - m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{210}^{(21)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{021}^{(00)} + m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(22)}m_{210}^{(11)} - m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(22)}m_{030}^{(00)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(00)}m_{012}^{(20)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(10)}m_{102}^{(20)} + m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(20)}m_{111}^{(20)}\\
&-m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(20)}m_{012}^{(00)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(21)}m_{102}^{(00)} - m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(22)}m_{111}^{(00)}\\
&-2m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(00)}m_{021}^{(20)} - m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(21)} + 3m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{111}^{(20)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(11)} - m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{120}^{(20)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{021}^{(00)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(21)}m_{300}^{(21)} - 3m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(21)}m_{111}^{(00)} - m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(22)}m_{300}^{(11)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(22)}m_{120}^{(00)} + m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(00)}m_{030}^{(20)} - m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(10)}m_{120}^{(20)}\\
&-m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(20)}m_{030}^{(00)} + m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(21)}m_{120}^{(00)} - m_{100}^{(20)}m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(21)}\\
&+m_{100}^{(20)}m_{001}^{(20)}m_{200}^{(21)}m_{030}^{(21)} + m_{100}^{(20)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(11)} - m_{100}^{(20)}m_{001}^{(20)}m_{200}^{(22)}m_{030}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(21)} + m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(11)} + 3m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(21)}\\
&-m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{012}^{(10)} - 2m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(21)} - 3m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(11)}\\
&+m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(10)} + 2m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(22)}m_{120}^{(11)} + m_{100}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(21)}\\
&-m_{100}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(11)} - m_{100}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(21)} + m_{100}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{021}^{(10)}\\
&+m_{100}^{(20)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(11)} - m_{100}^{(20)}m_{001}^{(20)}m_{101}^{(21)}m_{030}^{(10)} + m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(00)}m_{012}^{(11)}\\
&+m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(21)} - 2m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(11)}m_{102}^{(10)} - m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{012}^{(10)}\\
&-2m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(21)} + 2m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(11)}m_{102}^{(10)} + m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{210}^{(21)}\\
&+2m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(11)} - m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(10)} - m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(22)}m_{210}^{(11)}\\
&-2m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(00)}m_{021}^{(11)} - m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(21)} + 3m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(11)}\\
&+2m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{021}^{(10)} + m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(21)} - 3m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{111}^{(10)}\\
&-m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(11)} + m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(10)} + m_{100}^{(20)}m_{001}^{(20)}m_{002}^{(00)}m_{030}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(20)}m_{002}^{(10)}m_{120}^{(11)} - m_{100}^{(20)}m_{001}^{(20)}m_{002}^{(10)}m_{030}^{(10)} + m_{100}^{(20)}m_{001}^{(20)}m_{002}^{(11)}m_{120}^{(10)}\\
&+2m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(21)} - m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(21)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(21)} + m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(11)} + m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(22)}m_{120}^{(11)}\\
&-3m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(21)} - m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{012}^{(10)} + m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(21)}\\
&+m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{012}^{(00)} + 3m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(11)} + m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{021}^{(10)}\\
&+2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(21)} - m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(11)} - m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{021}^{(00)}\\
&-2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(11)} - m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(21)} + m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(10)}\\
&+m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(21)} - m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{021}^{(00)} + m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(20)}m_{030}^{(10)} - m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(11)} + m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(21)}m_{030}^{(00)}\\
&-m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{012}^{(10)} + m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(21)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{102}^{(10)}\\
&+m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{012}^{(00)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(11)}m_{102}^{(00)} - m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{111}^{(10)} - m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{300}^{(21)} + m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{111}^{(00)}\\
&+m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(22)}m_{300}^{(11)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{021}^{(10)} + m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(21)}\\
&-3m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(10)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{021}^{(00)} - m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{300}^{(21)}\\
&+3m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{111}^{(00)} - m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(11)} + m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(20)}m_{120}^{(10)}
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&+m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(11)} - m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(21)}m_{120}^{(00)} - m_{100}^{(20)}m_{001}^{(21)}m_{002}^{(00)}m_{030}^{(10)}\\
&+m_{100}^{(20)}m_{001}^{(21)}m_{002}^{(10)}m_{120}^{(10)} + m_{100}^{(20)}m_{001}^{(21)}m_{002}^{(10)}m_{030}^{(00)} - m_{100}^{(20)}m_{001}^{(21)}m_{002}^{(11)}m_{120}^{(00)}\\
&-m_{100}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(21)} + m_{100}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(21)} + m_{100}^{(20)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(11)} + 2m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(21)} - 2m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(21)}\\
&-2m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(11)} + 2m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(11)} - m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(21)}\\
&+m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(21)} + m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(11)} - m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(11)}\\
&-4(m_{100}^{(21)})^2m_{110}^{(00)}m_{012}^{(21)} + 2(m_{100}^{(21)})^2m_{110}^{(10)}m_{102}^{(21)} + 2(m_{100}^{(21)})^2m_{110}^{(10)}m_{012}^{(20)}\\
&-(m_{100}^{(21)})^2m_{110}^{(11)}m_{102}^{(20)} + 2(m_{100}^{(21)})^2m_{110}^{(20)}m_{111}^{(21)} + 2(m_{100}^{(21)})^2m_{110}^{(20)}m_{012}^{(10)}\\
&-(m_{100}^{(21)})^2m_{110}^{(21)}m_{111}^{(20)} - (m_{100}^{(21)})^2m_{110}^{(21)}m_{102}^{(10)} - (m_{100}^{(21)})^2m_{110}^{(22)}m_{111}^{(10)}\\
&+4(m_{100}^{(21)})^2m_{101}^{(00)}m_{021}^{(21)} - 2(m_{100}^{(21)})^2m_{101}^{(10)}m_{111}^{(21)} - 2(m_{100}^{(21)})^2m_{101}^{(10)}m_{021}^{(20)}\\
&+(m_{100}^{(21)})^2m_{101}^{(11)}m_{111}^{(20)} - 2(m_{100}^{(21)})^2m_{101}^{(20)}m_{120}^{(21)} - 2(m_{100}^{(21)})^2m_{101}^{(20)}m_{021}^{(10)}\\
&+(m_{100}^{(21)})^2m_{101}^{(21)}m_{120}^{(20)} + (m_{100}^{(21)})^2m_{101}^{(21)}m_{111}^{(10)} + (m_{100}^{(21)})^2m_{101}^{(22)}m_{120}^{(10)}\\
&+2(m_{100}^{(21)})^2m_{020}^{(00)}m_{102}^{(21)} - (m_{100}^{(21)})^2m_{020}^{(10)}m_{102}^{(20)} - 2(m_{100}^{(21)})^2m_{020}^{(20)}m_{201}^{(21)}\\
&-(m_{100}^{(21)})^2m_{020}^{(20)}m_{102}^{(10)} + (m_{100}^{(21)})^2m_{020}^{(21)}m_{201}^{(20)} + (m_{100}^{(21)})^2m_{020}^{(22)}m_{201}^{(10)}\\
&-2(m_{100}^{(21)})^2m_{011}^{(10)}m_{201}^{(21)} + (m_{100}^{(21)})^2m_{011}^{(11)}m_{201}^{(20)} + 2(m_{100}^{(21)})^2m_{011}^{(20)}m_{210}^{(21)}\\
&-(m_{100}^{(21)})^2m_{011}^{(21)}m_{210}^{(20)} + (m_{100}^{(21)})^2m_{011}^{(21)}m_{201}^{(10)} - (m_{100}^{(21)})^2m_{011}^{(22)}m_{210}^{(10)}\\
&-2(m_{100}^{(21)})^2m_{002}^{(00)}m_{120}^{(21)} + 2(m_{100}^{(21)})^2m_{002}^{(10)}m_{210}^{(21)} + (m_{100}^{(21)})^2m_{002}^{(10)}m_{120}^{(20)}\\
&-(m_{100}^{(21)})^2m_{002}^{(11)}m_{210}^{(20)} + (m_{100}^{(21)})^2m_{002}^{(20)}m_{120}^{(10)} - (m_{100}^{(21)})^2m_{002}^{(21)}m_{210}^{(10)}\\
&+2m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(00)}m_{021}^{(21)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(00)}m_{012}^{(11)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{100}^{(10)}m_{110}^{(21)}m_{111}^{(21)}\\
&-m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{102}^{(11)} - m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{021}^{(20)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{012}^{(10)}\\
&+m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(11)}m_{111}^{(20)} + m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(11)}m_{102}^{(10)} - m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(20)}m_{111}^{(11)}\\
&-m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(20)}m_{021}^{(10)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(21)}m_{111}^{(10)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{101}^{(00)}m_{030}^{(21)}\\
&-2m_{100}^{(21)}m_{100}^{(22)}m_{101}^{(00)}m_{021}^{(11)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{101}^{(10)}m_{120}^{(21)} + m_{100}^{(21)}m_{100}^{(22)}m_{101}^{(10)}m_{111}^{(11)}\\
&+m_{100}^{(21)}m_{100}^{(22)}m_{101}^{(10)}m_{030}^{(20)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{101}^{(10)}m_{021}^{(10)} - m_{100}^{(21)}m_{100}^{(22)}m_{101}^{(11)}m_{120}^{(20)}\\
&-m_{100}^{(21)}m_{100}^{(22)}m_{101}^{(11)}m_{111}^{(10)} + m_{100}^{(21)}m_{100}^{(22)}m_{101}^{(20)}m_{120}^{(11)} + m_{100}^{(21)}m_{100}^{(22)}m_{101}^{(20)}m_{030}^{(10)}\\
&-2m_{100}^{(21)}m_{100}^{(22)}m_{101}^{(21)}m_{120}^{(10)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{020}^{(00)}m_{111}^{(21)} - m_{100}^{(21)}m_{100}^{(22)}m_{020}^{(00)}m_{102}^{(11)}\\
&+2m_{100}^{(21)}m_{100}^{(22)}m_{020}^{(10)}m_{201}^{(21)} + m_{100}^{(21)}m_{100}^{(22)}m_{020}^{(10)}m_{111}^{(20)} + m_{100}^{(21)}m_{100}^{(22)}m_{020}^{(10)}m_{102}^{(10)}\\
&-m_{100}^{(21)}m_{100}^{(22)}m_{020}^{(11)}m_{201}^{(20)} + m_{100}^{(21)}m_{100}^{(22)}m_{020}^{(20)}m_{201}^{(11)} + m_{100}^{(21)}m_{100}^{(22)}m_{020}^{(20)}m_{111}^{(10)}\\
&-2m_{100}^{(21)}m_{100}^{(22)}m_{020}^{(21)}m_{201}^{(10)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{011}^{(00)}m_{120}^{(21)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{011}^{(10)}m_{210}^{(21)}\\
&+m_{100}^{(21)}m_{100}^{(22)}m_{011}^{(10)}m_{201}^{(11)} - m_{100}^{(21)}m_{100}^{(22)}m_{011}^{(10)}m_{120}^{(20)} + m_{100}^{(21)}m_{100}^{(22)}m_{011}^{(11)}m_{210}^{(20)}\\
&-m_{100}^{(21)}m_{100}^{(22)}m_{011}^{(11)}m_{201}^{(10)} - m_{100}^{(21)}m_{100}^{(22)}m_{011}^{(20)}m_{210}^{(11)} - m_{100}^{(21)}m_{100}^{(22)}m_{011}^{(20)}m_{120}^{(10)}\\
&+2m_{100}^{(21)}m_{100}^{(22)}m_{011}^{(21)}m_{210}^{(10)} + m_{100}^{(21)}m_{100}^{(22)}m_{002}^{(00)}m_{120}^{(11)} - m_{100}^{(21)}m_{100}^{(22)}m_{002}^{(10)}m_{210}^{(11)}\\
&-m_{100}^{(21)}m_{100}^{(22)}m_{002}^{(10)}m_{120}^{(10)} + m_{100}^{(21)}m_{100}^{(22)}m_{002}^{(11)}m_{210}^{(10)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{110}^{(10)}m_{012}^{(22)}\\
&-2m_{100}^{(21)}m_{010}^{(00)}m_{110}^{(10)}m_{003}^{(21)} - m_{100}^{(21)}m_{010}^{(00)}m_{110}^{(11)}m_{102}^{(22)} + m_{100}^{(21)}m_{010}^{(00)}m_{110}^{(11)}m_{003}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(00)}m_{110}^{(21)}m_{111}^{(22)} + m_{100}^{(21)}m_{010}^{(00)}m_{110}^{(21)}m_{102}^{(21)} - m_{100}^{(21)}m_{010}^{(00)}m_{110}^{(21)}m_{012}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(00)}m_{110}^{(21)}m_{003}^{(10)} + m_{100}^{(21)}m_{010}^{(00)}m_{110}^{(22)}m_{111}^{(21)} - m_{100}^{(21)}m_{010}^{(00)}m_{110}^{(22)}m_{012}^{(10)}\\
&-2m_{100}^{(21)}m_{010}^{(00)}m_{101}^{(10)}m_{021}^{(22)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{101}^{(10)}m_{012}^{(21)} + m_{100}^{(21)}m_{010}^{(00)}m_{101}^{(11)}m_{111}^{(22)}\\
&-m_{100}^{(21)}m_{010}^{(00)}m_{101}^{(11)}m_{012}^{(20)} + m_{100}^{(21)}m_{010}^{(00)}m_{101}^{(21)}m_{120}^{(22)} - m_{100}^{(21)}m_{010}^{(00)}m_{101}^{(21)}m_{111}^{(21)}
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\begin{aligned}
&+m_{100}^{(21)}m_{010}^{(00)}m_{101}^{(21)}m_{021}^{(20)} - m_{100}^{(21)}m_{010}^{(00)}m_{101}^{(21)}m_{012}^{(10)} - m_{100}^{(21)}m_{010}^{(00)}m_{101}^{(22)}m_{120}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(00)}m_{101}^{(22)}m_{021}^{(10)} - m_{100}^{(21)}m_{010}^{(00)}m_{020}^{(10)}m_{102}^{(22)} + m_{100}^{(21)}m_{010}^{(00)}m_{020}^{(20)}m_{102}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(00)}m_{020}^{(21)}m_{201}^{(22)} - m_{100}^{(21)}m_{010}^{(00)}m_{020}^{(22)}m_{201}^{(21)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(10)}m_{102}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(11)}m_{201}^{(22)} - m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(11)}m_{102}^{(20)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(20)}m_{111}^{(21)}\\
&-m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(21)}m_{210}^{(22)} - m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(21)}m_{201}^{(21)} + m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(21)}m_{111}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(21)}m_{102}^{(10)} + m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(22)}m_{210}^{(21)} + m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(22)}m_{111}^{(10)}\\
&+m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(10)}m_{120}^{(22)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(10)}m_{111}^{(21)} - m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(11)}m_{210}^{(22)}\\
&+m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(11)}m_{111}^{(20)} + m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(20)}m_{120}^{(21)} + m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(21)}m_{210}^{(21)}\\
&-m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(21)}m_{120}^{(20)} + m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(21)}m_{111}^{(10)} - m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(22)}m_{120}^{(10)}\\
&+2m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(10)}m_{003}^{(21)} - m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(11)}m_{003}^{(20)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(20)}m_{012}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(21)}m_{012}^{(20)} - m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(21)}m_{003}^{(10)} + m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(22)}m_{012}^{(10)}\\
&-2m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(00)}m_{012}^{(22)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(00)}m_{003}^{(21)} + m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(10)}m_{102}^{(22)}\\
&-m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(10)}m_{003}^{(20)} + m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{111}^{(22)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{102}^{(21)}\\
&+2m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{012}^{(20)} - m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{003}^{(10)} - m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(22)}m_{111}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(22)}m_{102}^{(10)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(00)}m_{021}^{(22)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(00)}m_{012}^{(21)}\\
&-m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(10)}m_{111}^{(22)} - 4m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(10)}m_{102}^{(21)} + m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(10)}m_{012}^{(20)}\\
&+2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(11)}m_{102}^{(20)} - m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{120}^{(22)} + 6m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{111}^{(21)}\\
&-2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{021}^{(20)} + m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{012}^{(10)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(20)}\\
&+2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{102}^{(10)} + m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(22)}m_{120}^{(20)} - 3m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(22)}m_{111}^{(10)}\\
&+m_{100}^{(21)}m_{010}^{(10)}m_{020}^{(00)}m_{102}^{(22)} - m_{100}^{(21)}m_{010}^{(10)}m_{020}^{(20)}m_{201}^{(22)} - m_{100}^{(21)}m_{010}^{(10)}m_{020}^{(20)}m_{102}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(10)}m_{020}^{(22)}m_{201}^{(20)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(00)}m_{102}^{(21)} - m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(10)}m_{201}^{(22)}\\
&+m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(10)}m_{102}^{(20)} + m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{210}^{(22)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{201}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{102}^{(10)} - m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(22)}m_{210}^{(20)} - m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(22)}m_{201}^{(10)}\\
&-m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(00)}m_{120}^{(22)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(00)}m_{111}^{(21)} + m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{210}^{(22)}\\
&+2m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{201}^{(21)} - m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{111}^{(20)} - m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(11)}m_{201}^{(20)}\\
&-4m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(20)}m_{210}^{(21)} + m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(20)}m_{120}^{(20)} - m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(20)}m_{111}^{(10)}\\
&+m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(21)}m_{210}^{(20)} - m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(21)}m_{201}^{(10)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(22)}m_{210}^{(10)}\\
&-2m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(00)}m_{003}^{(21)} + m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(10)}m_{003}^{(20)} + 2m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(20)}m_{102}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(20)}m_{003}^{(10)} - m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(21)}m_{102}^{(20)} - m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(22)}m_{102}^{(10)}\\
&+4m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(00)}m_{102}^{(21)} - 2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(10)}m_{102}^{(20)} - 4m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{201}^{(21)}\\
&-2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{102}^{(10)} + 2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(21)}m_{201}^{(20)} + 2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(22)}m_{201}^{(10)}\\
&-2m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(00)}m_{201}^{(21)} + m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(10)}m_{201}^{(20)} + 2m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(20)}m_{300}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(20)}m_{201}^{(10)} - m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(21)}m_{300}^{(20)} - m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(22)}m_{300}^{(10)}\\
&-2m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(10)}m_{012}^{(21)} + m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(11)}m_{012}^{(20)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(20)}m_{021}^{(21)}\\
&-m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{021}^{(20)} + m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{012}^{(10)} - m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(22)}m_{021}^{(10)}\\
&+3m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(10)}m_{102}^{(21)} - 3m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(10)}m_{012}^{(20)} - 3m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{111}^{(21)}\\
&+3m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(10)} + 3m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{111}^{(20)} - 3m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{102}^{(10)}\\
&+m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{111}^{(21)} + 3m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{021}^{(20)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(11)}m_{111}^{(20)}
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\begin{aligned}
&-m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{120}^{(21)} - 3m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{021}^{(10)} - m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{120}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(10)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(22)}m_{120}^{(10)} - m_{100}^{(21)}m_{010}^{(20)}m_{010}^{(00)}m_{102}^{(21)}\\
&+2m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(10)}m_{102}^{(20)} + m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(20)}m_{201}^{(21)} - m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(20)}m_{102}^{(10)}\\
&-2m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(21)}m_{201}^{(20)} + m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(22)}m_{201}^{(10)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{111}^{(21)}\\
&-3m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{201}^{(21)} - m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(20)} + m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{210}^{(21)}\\
&-m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(10)} + m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(21)}m_{210}^{(20)} + 3m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(21)}m_{201}^{(10)}\\
&-2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(22)}m_{210}^{(10)} - m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(00)}m_{120}^{(21)} + m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(10)}m_{210}^{(21)}\\
&-m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(10)}m_{120}^{(20)} + m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(11)}m_{210}^{(20)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(20)}m_{120}^{(10)}\\
&-2m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(21)}m_{210}^{(10)} + 4m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(00)}m_{012}^{(21)} - 2m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(10)}m_{102}^{(21)}\\
&-2m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(20)} + m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(11)}m_{102}^{(20)} - 2m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{111}^{(21)}\\
&-2m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(10)} + m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(20)} + m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(21)}m_{102}^{(10)}\\
&+m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(22)}m_{111}^{(10)} - 2m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(00)}m_{102}^{(21)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(00)}m_{012}^{(20)}\\
&+2m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(20)}m_{201}^{(21)} - m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(20)} + m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(10)}\\
&-2m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(20)}m_{012}^{(00)} - m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(21)}m_{201}^{(20)} + m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(21)}m_{102}^{(00)}\\
&-m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(22)}m_{201}^{(10)} + m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(22)}m_{111}^{(00)} - 6m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{111}^{(21)}\\
&-2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{021}^{(20)} + 4m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{201}^{(21)} + 4m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(20)}\\
&-2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(11)}m_{201}^{(20)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{210}^{(21)} + m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(20)}\\
&+3m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(10)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{021}^{(00)} - m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(21)}m_{210}^{(20)}\\
&-2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(21)}m_{201}^{(10)} - m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(00)} - m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(22)}m_{210}^{(10)}\\
&-m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(22)}m_{120}^{(00)} - m_{100}^{(21)}m_{010}^{(21)}m_{020}^{(00)}m_{102}^{(20)} + m_{100}^{(21)}m_{010}^{(21)}m_{020}^{(20)}m_{201}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(21)}m_{020}^{(20)}m_{102}^{(00)} - m_{100}^{(21)}m_{010}^{(21)}m_{020}^{(22)}m_{201}^{(00)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(00)}m_{201}^{(21)}\\
&-2m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(20)}m_{300}^{(21)} - m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(20)} - m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(10)}\\
&+m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(21)}m_{300}^{(20)} - m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(00)} + m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(22)}m_{300}^{(10)}\\
&+m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(22)}m_{210}^{(00)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(00)}m_{210}^{(21)} + m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(00)}m_{120}^{(20)}\\
&-2m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(10)}m_{300}^{(21)} - 2m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(10)}m_{210}^{(20)} + m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(11)}m_{300}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(20)}m_{210}^{(10)} - m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(20)}m_{120}^{(00)} + m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(21)}m_{300}^{(10)}\\
&+m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(21)}m_{210}^{(00)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(00)}m_{021}^{(21)} + 2m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{111}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{021}^{(20)} - m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(11)}m_{111}^{(20)} + m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(10)}\\
&-m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(10)} + 2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(00)}m_{111}^{(21)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(00)}m_{012}^{(10)}\\
&-2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{201}^{(21)} - m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(20)} + m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{102}^{(10)}\\
&+2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{012}^{(00)} + m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(11)}m_{201}^{(20)} - m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(11)}m_{102}^{(00)}\\
&+m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(10)} - m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(00)} + 2m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(00)}m_{120}^{(21)}\\
&+2m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(00)}m_{021}^{(10)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{210}^{(21)} - m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{120}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(10)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{021}^{(00)} + m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(11)}m_{210}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(11)}m_{111}^{(00)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(10)} + m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(10)}\\
&+m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(21)}m_{120}^{(00)} + m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(00)}m_{102}^{(10)} - m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(10)}m_{102}^{(00)}\\
&-m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(20)}m_{201}^{(10)} + m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(21)}m_{201}^{(00)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{210}^{(21)}\\
&+2m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(10)}m_{300}^{(21)} + m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(10)}m_{210}^{(20)} - m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(10)}m_{201}^{(10)}
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&-m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(11)}m_{300}^{(20)}+m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(11)}m_{201}^{(00)}+2m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(10)}\\
&-m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(21)}m_{300}^{(10)}-m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(21)}m_{210}^{(00)}-m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{120}^{(10)}\\
&+m_{100}^{(21)}m_{010}^{(22)}m_{002}^{(10)}m_{210}^{(10)}+m_{100}^{(21)}m_{010}^{(22)}m_{002}^{(10)}m_{120}^{(00)}-m_{100}^{(21)}m_{010}^{(22)}m_{002}^{(11)}m_{210}^{(00)}\\
&+m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(11)}m_{102}^{(21)}-m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(11)}m_{012}^{(20)}-2m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{021}^{(21)}\\
&+2m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{012}^{(11)}+m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{111}^{(21)}-m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{102}^{(11)}\\
&+m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{021}^{(20)}-m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(10)}-m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(22)}m_{111}^{(11)}\\
&+m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(22)}m_{021}^{(10)}-m_{100}^{(21)}m_{001}^{(00)}m_{111}^{(11)}m_{111}^{(21)}+m_{100}^{(21)}m_{001}^{(00)}m_{111}^{(11)}m_{021}^{(20)}\\
&+2m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(20)}m_{030}^{(21)}-2m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(20)}m_{021}^{(11)}-m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{120}^{(21)}\\
&+m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{111}^{(11)}-m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{030}^{(20)}+m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(10)}\\
&+m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(22)}m_{120}^{(11)}-m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(22)}m_{030}^{(10)}-m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(10)}m_{102}^{(21)}\\
&+m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(11)}m_{102}^{(20)}+2m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(20)}m_{111}^{(21)}-m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(20)}m_{102}^{(11)}\\
&-m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(21)}m_{201}^{(21)}-m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(21)}m_{111}^{(20)}+m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(10)}\\
&+m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(22)}m_{201}^{(11)}-m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(22)}m_{111}^{(10)}+2m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(21)}\\
&-m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(11)}m_{201}^{(21)}-m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(11)}m_{111}^{(20)}-2m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{120}^{(21)}\\
&+m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{210}^{(21)}+m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{201}^{(11)}+m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{120}^{(20)}\\
&-m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(10)}-m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(22)}m_{210}^{(11)}+m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(22)}m_{120}^{(10)}\\
&-m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(10)}m_{120}^{(21)}+m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(11)}m_{210}^{(21)}+m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(20)}m_{120}^{(11)}\\
&-m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(21)}m_{210}^{(11)}-2m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(10)}m_{012}^{(21)}+m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(11)}m_{012}^{(20)}\\
&+2m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{021}^{(21)}-m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(20)}+m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(10)}\\
&-m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(22)}m_{021}^{(10)}+m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(21)}+3m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(20)}\\
&-2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(11)}m_{102}^{(20)}-m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(21)}-3m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(10)}\\
&-m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(20)}+m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(10)}+2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(10)}\\
&+3m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(21)}-3m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(20)}-3m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{120}^{(21)}\\
&+3m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(10)}+3m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(20)}-3m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(10)}\\
&+m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(00)}m_{102}^{(21)}-2m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(20)}-m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(20)}m_{201}^{(21)}\\
&+m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(10)}+2m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(21)}m_{201}^{(20)}-m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(22)}m_{201}^{(10)}\\
&-2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{111}^{(21)}-m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(21)}+m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(20)}\\
&+2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(11)}m_{201}^{(20)}+3m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(21)}+m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(10)}\\
&-3m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{210}^{(20)}-m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(10)}+m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(00)}m_{120}^{(21)}\\
&-m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{210}^{(21)}+m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{120}^{(20)}-m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(11)}m_{210}^{(20)}\\
&-2m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(10)}+2m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(21)}m_{210}^{(10)}+2m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(00)}m_{012}^{(21)}\\
&-m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(20)}-2m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{111}^{(21)}-m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(10)}\\
&+m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{111}^{(20)}+m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(22)}m_{111}^{(10)}-2m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(00)}m_{102}^{(21)}\\
&-2m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(00)}m_{012}^{(20)}+2m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(20)}+2m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{201}^{(21)}\\
&+m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(20)}+m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(10)}+2m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{012}^{(00)}\\
&-m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(21)}m_{201}^{(20)}-m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(21)}m_{102}^{(00)}-m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(22)}m_{201}^{(10)}\\
&-m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(22)}m_{111}^{(00)}-2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{111}^{(21)}+2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{021}^{(20)}\\
&+2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{210}^{(21)}-m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{120}^{(20)}+m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(10)}
\end{aligned}
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\begin{aligned}
&-2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{021}^{(00)} - m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{210}^{(20)} + m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(00)}\\
&-m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(22)}m_{210}^{(10)} + m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(22)}m_{120}^{(00)} + m_{100}^{(21)}m_{001}^{(11)}m_{001}^{(00)}m_{020}^{(20)}m_{102}\\
&-m_{100}^{(21)}m_{001}^{(11)}m_{020}^{(20)}m_{201}^{(20)} - m_{100}^{(21)}m_{001}^{(11)}m_{020}^{(20)}m_{102}^{(00)} + m_{100}^{(21)}m_{001}^{(11)}m_{020}^{(22)}m_{201}^{(00)}\\
&+2m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(00)}m_{201}^{(21)} - 2m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(20)} - 2m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(20)}m_{300}^{(21)}\\
&+m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(20)}m_{210}^{(20)} - m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(10)} + m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(21)}m_{300}^{(20)}\\
&+m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(21)}m_{201}^{(00)} + m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(22)}m_{300}^{(10)} - m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(22)}m_{210}^{(00)}\\
&-m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(00)}m_{120}^{(20)} + m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(10)}m_{210}^{(20)} + m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(20)}m_{120}^{(00)}\\
&-m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(21)}m_{210}^{(00)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(21)} - m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(20)}\\
&-2m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{030}^{(21)} + m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{030}^{(20)} - m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(10)}\\
&+m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(22)}m_{030}^{(10)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{021}^{(21)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{012}^{(11)}\\
&-6m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(21)} + m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{102}^{(11)} - m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(20)}\\
&+2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(10)} + 3m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(20)} - m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{102}^{(10)}\\
&+4m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(21)} + m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(11)} - m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(10)}\\
&-2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(20)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(10)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(22)}m_{120}^{(10)}\\
&-2m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(00)}m_{030}^{(21)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(00)}m_{021}^{(11)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(21)}\\
&-m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(11)} + m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(20)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(10)}\\
&-m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(20)} + m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(10)} - m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(11)}\\
&+m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(10)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(21)} + m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{102}^{(11)}\\
&+4m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(21)} + m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(20)} - m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(10)}\\
&-2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(20)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(21)} - m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{201}^{(11)}\\
&+m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(10)} + m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(21)}m_{210}^{(20)} - m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(10)}\\
&+m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(22)}m_{210}^{(10)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(21)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(21)}\\
&-m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(11)} - m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(20)} + m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(20)}\\
&+m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(11)}m_{201}^{(10)} + m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(11)} - m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(10)}\\
&-m_{100}^{(21)}m_{001}^{(20)}m_{002}^{(00)}m_{120}^{(11)} + m_{100}^{(21)}m_{001}^{(20)}m_{002}^{(10)}m_{210}^{(11)} + m_{100}^{(21)}m_{001}^{(20)}m_{002}^{(10)}m_{120}^{(10)}\\
&-m_{100}^{(21)}m_{001}^{(20)}m_{002}^{(11)}m_{210}^{(10)} - 4m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(21)} + 2m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(21)}\\
&+2m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(20)} - m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(20)} + 2m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{120}^{(21)}\\
&+2m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(10)} - m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(20)} - m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(10)}\\
&-m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(22)}m_{120}^{(10)} + 6m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(21)} + 2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{012}^{(10)}\\
&-2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(21)} - 3m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(20)} - m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(10)}\\
&-2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{012}^{(00)} + m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(20)} + m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(11)}m_{102}^{(00)}\\
&-4m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(21)} - 4m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(10)} + 2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(20)}\\
&+m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(10)} + m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(00)} + 2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(10)}\\
&+2m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(21)} - 2m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{021}^{(10)} - 2m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(21)}\\
&-m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(20)} + m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(10)} + 2m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(00)}\\
&+m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(20)} - m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(11)}m_{111}^{(00)} + m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(10)}\\
&-m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(00)} - 2m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(21)} - m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(00)}m_{102}^{(10)}\\
&+m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(20)} + m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(10)}m_{102}^{(00)} + 2m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{300}^{(21)}
\end{aligned}
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\begin{aligned}
&+2m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(10)} - m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(21)}m_{300}^{(20)} - m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(21)}m_{201}^{(00)}\\
&-m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(22)}m_{300}^{(10)} - 2m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(21)} + 2m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(21)}\\
&+m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(20)} + m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(10)} - m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(11)}m_{300}^{(20)}\\
&-m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(11)}m_{201}^{(00)} - m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(10)} + m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(00)}\\
&+m_{100}^{(21)}m_{001}^{(21)}m_{002}^{(00)}m_{120}^{(10)} - m_{100}^{(21)}m_{001}^{(21)}m_{002}^{(10)}m_{210}^{(10)} - m_{100}^{(21)}m_{001}^{(21)}m_{002}^{(10)}m_{120}^{(00)}\\
&+m_{100}^{(21)}m_{001}^{(21)}m_{002}^{(11)}m_{210}^{(00)} + 2m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(21)} - 2m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(21)}\\
&-m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(20)} + m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(20)} - m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(10)}\\
&+m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(10)} - 4m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(21)} + 4m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(21)}\\
&+2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(20)} - 2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(20)} + 2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(10)}\\
&-2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(10)} + 2m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(21)} - 2m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(21)}\\
&-m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(20)} + m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(20)} - m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(10)}\\
&+m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(10)} - (m_{100}^{(22)})^2m_{110}^{(00)}m_{021}^{(11)} + (m_{100}^{(22)})^2m_{110}^{(10)}m_{111}^{(11)}\\
&+(m_{100}^{(22)})^2m_{110}^{(10)}m_{021}^{(10)} - (m_{100}^{(22)})^2m_{110}^{(11)}m_{111}^{(10)} + (m_{100}^{(22)})^2m_{101}^{(00)}m_{030}^{(11)}\\
&-(m_{100}^{(22)})^2m_{101}^{(10)}m_{120}^{(11)} - (m_{100}^{(22)})^2m_{101}^{(10)}m_{030}^{(10)} + (m_{100}^{(22)})^2m_{101}^{(11)}m_{120}^{(10)}\\
&+(m_{100}^{(22)})^2m_{020}^{(00)}m_{111}^{(11)} - (m_{100}^{(22)})^2m_{020}^{(10)}m_{201}^{(11)} - (m_{100}^{(22)})^2m_{020}^{(10)}m_{111}^{(10)}\\
&+(m_{100}^{(22)})^2m_{020}^{(11)}m_{201}^{(10)} - (m_{100}^{(22)})^2m_{011}^{(00)}m_{120}^{(11)} + (m_{100}^{(22)})^2m_{011}^{(10)}m_{210}^{(11)}\\
&+(m_{100}^{(22)})^2m_{011}^{(10)}m_{120}^{(10)} - (m_{100}^{(22)})^2m_{011}^{(11)}m_{210}^{(10)} - m_{100}^{(22)}m_{010}^{(00)}m_{110}^{(10)}m_{021}^{(22)}\\
&+m_{100}^{(22)}m_{010}^{(00)}m_{110}^{(10)}m_{003}^{(11)} + m_{100}^{(22)}m_{010}^{(00)}m_{110}^{(11)}m_{111}^{(22)} - m_{100}^{(22)}m_{010}^{(00)}m_{110}^{(11)}m_{003}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(00)}m_{110}^{(20)}m_{021}^{(21)} - m_{100}^{(22)}m_{010}^{(00)}m_{110}^{(20)}m_{012}^{(11)} - m_{100}^{(22)}m_{010}^{(00)}m_{110}^{(21)}m_{111}^{(21)}\\
&+m_{100}^{(22)}m_{010}^{(00)}m_{110}^{(21)}m_{012}^{(10)} + m_{100}^{(22)}m_{010}^{(00)}m_{101}^{(10)}m_{030}^{(22)} - m_{100}^{(22)}m_{010}^{(00)}m_{101}^{(10)}m_{012}^{(11)}\\
&-m_{100}^{(22)}m_{010}^{(00)}m_{101}^{(11)}m_{120}^{(22)} + m_{100}^{(22)}m_{010}^{(00)}m_{101}^{(11)}m_{012}^{(10)} - m_{100}^{(22)}m_{010}^{(00)}m_{101}^{(20)}m_{030}^{(21)}\\
&+m_{100}^{(22)}m_{010}^{(00)}m_{101}^{(20)}m_{021}^{(11)} + m_{100}^{(22)}m_{010}^{(00)}m_{101}^{(21)}m_{120}^{(21)} - m_{100}^{(22)}m_{010}^{(00)}m_{101}^{(21)}m_{021}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(10)}m_{111}^{(22)} - m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(11)}m_{201}^{(22)} - m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(20)}m_{111}^{(21)}\\
&+m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(21)}m_{201}^{(21)} - m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(10)}m_{120}^{(22)} - m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(10)}m_{102}^{(11)}\\
&+m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(11)}m_{210}^{(22)} + m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(11)}m_{102}^{(10)} + m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(20)}m_{120}^{(21)}\\
&+m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(20)}m_{111}^{(11)} - m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(21)}m_{210}^{(21)} - m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(21)}m_{111}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(00)}m_{002}^{(10)}m_{111}^{(11)} - m_{100}^{(22)}m_{010}^{(00)}m_{002}^{(11)}m_{111}^{(10)} - m_{100}^{(22)}m_{010}^{(00)}m_{002}^{(20)}m_{120}^{(11)}\\
&+m_{100}^{(22)}m_{010}^{(00)}m_{002}^{(21)}m_{120}^{(10)} - m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(10)}m_{003}^{(11)} + m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(11)}m_{003}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(20)}m_{012}^{(11)} - m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(21)}m_{012}^{(10)} + m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(00)}m_{021}^{(22)}\\
&-m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(00)}m_{003}^{(11)} - m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(10)}m_{111}^{(22)} + m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(10)}m_{003}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(20)}m_{102}^{(11)} - m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(20)}m_{021}^{(20)} + m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(21)}m_{111}^{(20)}\\
&-m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(21)}m_{102}^{(10)} - m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(00)}m_{030}^{(22)} + m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(00)}m_{012}^{(11)}\\
&+m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(10)}m_{120}^{(22)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(10)}m_{102}^{(11)} - m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(10)}m_{012}^{(10)}\\
&-2m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(11)}m_{102}^{(10)} - 3m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(20)}m_{111}^{(11)} + m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(20)}m_{030}^{(20)}\\
&-m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(21)}m_{120}^{(20)} + 3m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(10)} - m_{100}^{(22)}m_{010}^{(10)}m_{020}^{(00)}m_{111}^{(22)}\\
&+m_{100}^{(22)}m_{010}^{(10)}m_{020}^{(10)}m_{201}^{(22)} + m_{100}^{(22)}m_{010}^{(10)}m_{020}^{(20)}m_{111}^{(11)} - m_{100}^{(22)}m_{010}^{(10)}m_{020}^{(21)}m_{201}^{(20)}\\
&+m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(00)}m_{120}^{(22)} + m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(00)}m_{102}^{(11)} - m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(10)}m_{210}^{(22)}\\
&-m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(10)}m_{102}^{(10)} - m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(20)}m_{201}^{(11)} - m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(20)}m_{120}^{(20)}
\end{aligned}
$$

$$+m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(21)}m_{210}^{(20)}+m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(21)}m_{201}^{(10)}-m_{100}^{(22)}m_{010}^{(10)}m_{002}^{(00)}m_{111}^{(11)}$$
$$-m_{100}^{(22)}m_{010}^{(10)}m_{002}^{(10)}m_{201}^{(11)}+m_{100}^{(22)}m_{010}^{(10)}m_{002}^{(10)}m_{111}^{(10)}+m_{100}^{(22)}m_{010}^{(10)}m_{002}^{(11)}m_{201}^{(10)}$$
$$+2m_{100}^{(22)}m_{010}^{(10)}m_{002}^{(20)}m_{210}^{(11)}-2m_{100}^{(22)}m_{010}^{(10)}m_{002}^{(21)}m_{210}^{(10)}+m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(00)}m_{003}^{(11)}$$
$$-m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(10)}m_{003}^{(10)}-m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(20)}m_{102}^{(11)}+m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(21)}m_{102}^{(10)}$$
$$-2m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(00)}m_{102}^{(11)}+2m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(10)}m_{102}^{(10)}+2m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(20)}m_{201}^{(11)}$$
$$-2m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(21)}m_{201}^{(10)}+m_{100}^{(22)}m_{010}^{(11)}m_{002}^{(00)}m_{201}^{(11)}-m_{100}^{(22)}m_{010}^{(11)}m_{002}^{(10)}m_{201}^{(10)}$$
$$-m_{100}^{(22)}m_{010}^{(11)}m_{002}^{(20)}m_{300}^{(11)}+m_{100}^{(22)}m_{010}^{(11)}m_{002}^{(21)}m_{300}^{(10)}+m_{100}^{(22)}m_{010}^{(20)}m_{200}^{(10)}m_{012}^{(11)}$$
$$-m_{100}^{(22)}m_{010}^{(20)}m_{200}^{(11)}m_{012}^{(10)}-m_{100}^{(22)}m_{010}^{(20)}m_{200}^{(20)}m_{021}^{(11)}+m_{100}^{(22)}m_{010}^{(20)}m_{200}^{(21)}m_{021}^{(10)}$$
$$-m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(00)}m_{021}^{(21)}+m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(00)}m_{012}^{(11)}+m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(10)}m_{111}^{(21)}$$
$$-2m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(10)}m_{102}^{(11)}+2m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(10)}m_{021}^{(20)}-m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(10)}m_{012}^{(10)}$$
$$-2m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(11)}m_{111}^{(20)}+2m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(11)}m_{102}^{(10)}+m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(20)}m_{111}^{(11)}$$
$$-m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(20)}m_{021}^{(10)}+m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(00)}m_{030}^{(21)}-m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(00)}m_{021}^{(11)}$$
$$-m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(10)}m_{120}^{(21)}-2m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(10)}m_{030}^{(20)}+m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(10)}m_{021}^{(10)}$$
$$+2m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(11)}m_{120}^{(20)}+m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(20)}m_{120}^{(11)}+m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(20)}m_{030}^{(10)}$$
$$-2m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(21)}m_{120}^{(10)}+m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(00)}m_{111}^{(21)}-m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(10)}m_{201}^{(21)}$$
$$-2m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(10)}m_{111}^{(20)}+2m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(11)}m_{201}^{(20)}+m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(20)}m_{111}^{(10)}$$
$$-m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(21)}m_{201}^{(10)}-m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(00)}m_{120}^{(21)}-m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(00)}m_{111}^{(11)}$$
$$+m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{210}^{(21)}+2m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{201}^{(11)}+2m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{120}^{(20)}$$
$$+m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(10)}-2m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(11)}m_{210}^{(20)}-2m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(11)}m_{201}^{(10)}$$
$$-m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(20)}m_{210}^{(11)}-m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(20)}m_{120}^{(10)}+2m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(21)}m_{210}^{(10)}$$
$$+m_{100}^{(22)}m_{010}^{(20)}m_{002}^{(00)}m_{120}^{(11)}-m_{100}^{(22)}m_{010}^{(20)}m_{002}^{(10)}m_{210}^{(11)}-m_{100}^{(22)}m_{010}^{(20)}m_{002}^{(10)}m_{120}^{(10)}$$
$$+m_{100}^{(22)}m_{010}^{(20)}m_{002}^{(11)}m_{210}^{(10)}-2m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(00)}m_{012}^{(11)}+m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(10)}m_{102}^{(11)}$$
$$+2m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(10)}-m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(11)}m_{102}^{(10)}+m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(20)}m_{111}^{(11)}$$
$$-m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(10)}+m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(00)}m_{102}^{(11)}-m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(00)}m_{021}^{(20)}$$
$$+m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{111}^{(20)}-m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{102}^{(10)}-m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(20)}m_{201}^{(11)}$$
$$+m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(20)}m_{021}^{(00)}+m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(21)}m_{201}^{(10)}-m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(21)}m_{111}^{(00)}$$
$$+3m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(00)}m_{111}^{(11)}+m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(00)}m_{030}^{(20)}-2m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(10)}m_{201}^{(11)}$$
$$-m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(10)}m_{120}^{(20)}-3m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(10)}+2m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(11)}m_{201}^{(10)}$$
$$-m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(20)}m_{210}^{(11)}-m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(20)}m_{030}^{(00)}+m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(21)}m_{210}^{(10)}$$
$$+m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(21)}m_{120}^{(00)}+m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(00)}m_{111}^{(21)}-m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(10)}m_{201}^{(20)}$$
$$-m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(20)}m_{111}^{(00)}+m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(21)}m_{201}^{(00)}-m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(00)}m_{201}^{(11)}$$
$$-m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(10)}m_{210}^{(20)}+m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(10)}+m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(10)}m_{111}^{(20)}$$
$$-m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(10)}+m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(11)}+m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(21)}m_{210}^{(00)}$$
$$-m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(00)}+m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(21)}m_{210}^{(10)}+m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(10)}$$
$$+m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(21)}m_{210}^{(00)}-m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(21)}m_{300}^{(10)}-m_{100}^{(22)}m_{010}^{(21)}m_{002}^{(00)}m_{210}^{(11)}+m_{100}^{(22)}m_{010}^{(21)}m_{002}^{(10)}m_{300}^{(11)}$$
$$+m_{100}^{(22)}m_{010}^{(21)}m_{002}^{(10)}m_{210}^{(10)}-m_{100}^{(22)}m_{010}^{(21)}m_{002}^{(11)}m_{300}^{(10)}+m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(00)}m_{021}^{(11)}$$
$$-m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(10)}m_{111}^{(11)}-m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(10)}m_{021}^{(10)}+m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(11)}m_{111}^{(10)}$$
$$-m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(00)}m_{111}^{(11)}+m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(00)}m_{021}^{(10)}+m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(10)}m_{201}^{(11)}$$
$$-m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(10)}m_{021}^{(00)}-m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(11)}m_{201}^{(10)}+m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(11)}m_{111}^{(00)}$$

$$
\begin{aligned}
&-m_{100}^{(22)}m_{010}^{(22)}m_{101}^{(00)}m_{120}^{(11)} - m_{100}^{(22)}m_{010}^{(22)}m_{101}^{(00)}m_{030}^{(10)} + m_{100}^{(22)}m_{010}^{(22)}m_{101}^{(10)}m_{210}^{(11)}\\
&+2m_{100}^{(22)}m_{010}^{(22)}m_{101}^{(10)}m_{120}^{(10)} + m_{100}^{(22)}m_{010}^{(22)}m_{101}^{(10)}m_{030}^{(00)} - m_{100}^{(22)}m_{010}^{(22)}m_{101}^{(11)}m_{210}^{(10)}\\
&-m_{100}^{(22)}m_{010}^{(22)}m_{101}^{(11)}m_{120}^{(00)} - m_{100}^{(22)}m_{010}^{(22)}m_{020}^{(00)}m_{111}^{(10)} + m_{100}^{(22)}m_{010}^{(22)}m_{020}^{(10)}m_{201}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(22)}m_{020}^{(10)}m_{111}^{(00)} - m_{100}^{(22)}m_{010}^{(22)}m_{020}^{(11)}m_{201}^{(00)} + m_{100}^{(22)}m_{010}^{(22)}m_{011}^{(00)}m_{210}^{(11)}\\
&+m_{100}^{(22)}m_{010}^{(22)}m_{011}^{(00)}m_{120}^{(10)} - m_{100}^{(22)}m_{010}^{(22)}m_{011}^{(10)}m_{300}^{(11)} - 2m_{100}^{(22)}m_{010}^{(22)}m_{011}^{(10)}m_{210}^{(10)}\\
&-m_{100}^{(22)}m_{010}^{(22)}m_{011}^{(10)}m_{120}^{(00)} + m_{100}^{(22)}m_{010}^{(22)}m_{011}^{(11)}m_{300}^{(10)} + m_{100}^{(22)}m_{010}^{(22)}m_{011}^{(11)}m_{210}^{(00)}\\
&+m_{100}^{(22)}m_{001}^{(00)}m_{110}^{(10)}m_{021}^{(21)} - m_{100}^{(22)}m_{001}^{(00)}m_{110}^{(10)}m_{012}^{(11)} - m_{100}^{(22)}m_{001}^{(00)}m_{110}^{(11)}m_{111}^{(21)}\\
&+m_{100}^{(22)}m_{001}^{(00)}m_{110}^{(11)}m_{012}^{(10)} + m_{100}^{(22)}m_{001}^{(00)}m_{110}^{(21)}m_{111}^{(11)} - m_{100}^{(22)}m_{001}^{(00)}m_{110}^{(21)}m_{021}^{(10)}\\
&-m_{100}^{(22)}m_{001}^{(00)}m_{101}^{(10)}m_{030}^{(21)} + m_{100}^{(22)}m_{001}^{(00)}m_{101}^{(10)}m_{021}^{(11)} + m_{100}^{(22)}m_{001}^{(00)}m_{101}^{(11)}m_{120}^{(21)}\\
&-m_{100}^{(22)}m_{001}^{(00)}m_{101}^{(11)}m_{021}^{(10)} - m_{100}^{(22)}m_{001}^{(00)}m_{101}^{(21)}m_{120}^{(11)} + m_{100}^{(22)}m_{001}^{(00)}m_{101}^{(21)}m_{030}^{(10)}\\
&-m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(10)}m_{111}^{(21)} + m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(10)}m_{102}^{(11)} + m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(11)}m_{201}^{(21)}\\
&-m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(11)}m_{102}^{(10)} - m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(21)}m_{201}^{(11)} + m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(21)}m_{111}^{(10)}\\
&+m_{100}^{(22)}m_{001}^{(00)}m_{011}^{(10)}m_{120}^{(21)} - m_{100}^{(22)}m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(11)} - m_{100}^{(22)}m_{001}^{(00)}m_{011}^{(11)}m_{210}^{(21)}\\
&+m_{100}^{(22)}m_{001}^{(00)}m_{011}^{(11)}m_{111}^{(10)} + m_{100}^{(22)}m_{001}^{(00)}m_{011}^{(21)}m_{210}^{(11)} - m_{100}^{(22)}m_{001}^{(00)}m_{011}^{(21)}m_{120}^{(10)}\\
&+m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(10)}m_{012}^{(11)} - m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(11)}m_{012}^{(10)} - m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(20)}m_{021}^{(11)}\\
&+m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(10)} - m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(00)}m_{021}^{(21)} + m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(00)}m_{012}^{(11)}\\
&+m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{111}^{(21)} - m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(11)} - m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{021}^{(20)}\\
&-m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(10)} + m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(11)}m_{111}^{(20)} + m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(11)}m_{102}^{(10)}\\
&+2m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(10)} - 2m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(10)} + m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(00)}m_{030}^{(21)}\\
&-m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(00)}m_{021}^{(11)} - m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(10)}m_{120}^{(21)} - m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(11)}\\
&+m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(10)}m_{030}^{(20)} + m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(10)} - m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(11)}m_{120}^{(20)}\\
&+m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(10)} + 2m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(20)}m_{120}^{(11)} - 2m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(20)}m_{030}^{(10)}\\
&+m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(00)}m_{111}^{(21)} - m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(00)}m_{102}^{(11)} - m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(10)}m_{201}^{(21)}\\
&+m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(10)}m_{111}^{(20)} + m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(10)} - m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(11)}m_{201}^{(20)}\\
&+m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(20)}m_{201}^{(11)} - 2m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(20)}m_{111}^{(10)} + m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(21)}m_{201}^{(10)}\\
&-m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(00)}m_{120}^{(21)} + m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(00)}m_{111}^{(11)} + m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(10)}m_{210}^{(21)}\\
&+m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(11)} - m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(10)}m_{120}^{(20)} - m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(10)}\\
&+m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(11)}m_{210}^{(20)} - m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(11)}m_{201}^{(10)} - 2m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(11)}\\
&+2m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(10)} - m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(00)}m_{012}^{(11)} + m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(10)}\\
&+m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(20)}m_{111}^{(11)} - m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(21)}m_{111}^{(10)} + m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(00)}m_{102}^{(11)}\\
&+m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(00)}m_{021}^{(20)} - m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(10)}m_{111}^{(20)} - m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(10)}\\
&-m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(20)}m_{201}^{(11)} - m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(20)}m_{021}^{(00)} + m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(21)}m_{201}^{(10)}\\
&+m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(21)}m_{111}^{(00)} + m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(00)}m_{111}^{(11)} - m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(00)}m_{030}^{(20)}\\
&+m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(10)}m_{120}^{(20)} - m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(10)} - m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(20)}m_{210}^{(11)}\\
&+m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(20)}m_{030}^{(00)} + m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(21)}m_{210}^{(10)} - m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(21)}m_{120}^{(00)}\\
&-m_{100}^{(22)}m_{001}^{(11)}m_{020}^{(00)}m_{111}^{(20)} + m_{100}^{(22)}m_{001}^{(11)}m_{020}^{(10)}m_{201}^{(20)} + m_{100}^{(22)}m_{001}^{(11)}m_{020}^{(20)}m_{111}^{(00)}\\
&-m_{100}^{(22)}m_{001}^{(11)}m_{020}^{(21)}m_{201}^{(00)} - m_{100}^{(22)}m_{001}^{(11)}m_{011}^{(00)}m_{201}^{(11)} + m_{100}^{(22)}m_{001}^{(11)}m_{011}^{(00)}m_{120}^{(20)}\\
&-m_{100}^{(22)}m_{001}^{(11)}m_{011}^{(10)}m_{210}^{(20)} + m_{100}^{(22)}m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(10)} + m_{100}^{(22)}m_{001}^{(11)}m_{011}^{(20)}m_{300}^{(11)}
\end{aligned}
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\begin{aligned}
&-m_{100}^{(22)}m_{001}^{(11)}m_{011}^{(20)}m_{120}^{(00)} - m_{100}^{(22)}m_{001}^{(11)}m_{011}^{(21)}m_{300}^{(10)} + m_{100}^{(22)}m_{001}^{(11)}m_{011}^{(21)}m_{210}^{(00)}\\
&-m_{100}^{(22)}m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(11)} + m_{100}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(10)} + m_{100}^{(22)}m_{001}^{(20)}m_{200}^{(20)}m_{030}^{(11)}\\
&-m_{100}^{(22)}m_{001}^{(20)}m_{200}^{(21)}m_{030}^{(10)} + 2m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(11)} - 2m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(10)}\\
&-2m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(11)} + 2m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(10)} - m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(11)}\\
&+m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(10)} + m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(11)} - m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(21)}m_{210}^{(10)}\\
&+2m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(11)} - m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(11)} - 2m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(10)}\\
&+m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(10)} - m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(20)}m_{120}^{(11)} + m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(10)}\\
&-3m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(11)} - m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{021}^{(10)} + m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(11)}\\
&+4m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(10)} + m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{021}^{(00)} - m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(10)}\\
&-m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(11)}m_{111}^{(00)} + 2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(11)} - 2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(10)}\\
&-m_{100}^{(22)}m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(11)} + m_{100}^{(22)}m_{001}^{(21)}m_{101}^{(00)}m_{030}^{(10)} + m_{100}^{(22)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(11)}\\
&-m_{100}^{(22)}m_{001}^{(21)}m_{101}^{(10)}m_{030}^{(00)} - m_{100}^{(22)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(10)} + m_{100}^{(22)}m_{001}^{(21)}m_{101}^{(11)}m_{120}^{(00)}\\
&+m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(11)} + m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(10)} - 2m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(10)}\\
&-m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(10)}m_{111}^{(00)} + m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(11)}m_{201}^{(00)} - m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(20)}m_{300}^{(11)}\\
&+m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(21)}m_{300}^{(10)} + m_{100}^{(22)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(11)} - m_{100}^{(22)}m_{001}^{(21)}m_{011}^{(00)}m_{120}^{(10)}\\
&-m_{100}^{(22)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(11)} + m_{100}^{(22)}m_{001}^{(21)}m_{011}^{(10)}m_{120}^{(00)} + m_{100}^{(22)}m_{001}^{(21)}m_{011}^{(11)}m_{300}^{(10)}\\
&-m_{100}^{(22)}m_{001}^{(21)}m_{011}^{(11)}m_{210}^{(00)} - m_{100}^{(22)}m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(11)} + m_{100}^{(22)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(11)}\\
&+m_{100}^{(22)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(10)} - m_{100}^{(22)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(10)} + 2m_{100}^{(22)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(11)}\\
&-2m_{100}^{(22)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(11)} - 2m_{100}^{(22)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(10)} + 2m_{100}^{(22)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(10)}\\
&-m_{100}^{(22)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(11)} + m_{100}^{(22)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(11)} + m_{100}^{(22)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(10)}\\
&-m_{100}^{(22)}m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(10)} + (m_{010}^{(00)})^2m_{110}^{(11)}m_{003}^{(22)} - (m_{010}^{(00)})^2m_{110}^{(21)}m_{012}^{(22)}\\
&-(m_{010}^{(00)})^2m_{110}^{(21)}m_{003}^{(21)} + (m_{010}^{(00)})^2m_{110}^{(22)}m_{012}^{(21)} - (m_{010}^{(00)})^2m_{101}^{(11)}m_{012}^{(22)}\\
&+(m_{010}^{(00)})^2m_{101}^{(21)}m_{021}^{(22)} + (m_{010}^{(00)})^2m_{101}^{(21)}m_{012}^{(21)} - (m_{010}^{(00)})^2m_{101}^{(22)}m_{021}^{(21)}\\
&-(m_{010}^{(00)})^2m_{011}^{(11)}m_{102}^{(22)} + (m_{010}^{(00)})^2m_{011}^{(21)}m_{111}^{(22)} + (m_{010}^{(00)})^2m_{011}^{(21)}m_{102}^{(21)}\\
&-(m_{010}^{(00)})^2m_{011}^{(22)}m_{111}^{(21)} + (m_{010}^{(00)})^2m_{002}^{(11)}m_{111}^{(22)} - (m_{010}^{(00)})^2m_{002}^{(21)}m_{120}^{(22)}\\
&-(m_{010}^{(00)})^2m_{002}^{(21)}m_{111}^{(21)} + (m_{010}^{(00)})^2m_{002}^{(22)}m_{120}^{(21)} - m_{010}^{(00)}m_{010}^{(10)}m_{200}^{(11)}m_{003}^{(22)}\\
&+m_{010}^{(00)}m_{010}^{(10)}m_{200}^{(21)}m_{012}^{(22)} + m_{010}^{(00)}m_{010}^{(10)}m_{200}^{(21)}m_{003}^{(21)} - m_{010}^{(00)}m_{010}^{(10)}m_{200}^{(22)}m_{012}^{(21)}\\
&-2m_{010}^{(00)}m_{010}^{(10)}m_{110}^{(10)}m_{003}^{(22)} + m_{010}^{(00)}m_{010}^{(10)}m_{110}^{(20)}m_{012}^{(22)} + m_{010}^{(00)}m_{010}^{(10)}m_{110}^{(20)}m_{003}^{(21)}\\
&+m_{010}^{(00)}m_{010}^{(10)}m_{110}^{(21)}m_{102}^{(22)} + m_{010}^{(00)}m_{010}^{(10)}m_{110}^{(21)}m_{003}^{(20)} - m_{010}^{(00)}m_{010}^{(10)}m_{110}^{(22)}m_{102}^{(21)}\\
&-m_{010}^{(00)}m_{010}^{(10)}m_{110}^{(22)}m_{012}^{(20)} + 2m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(10)}m_{012}^{(22)} + 2m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(11)}m_{102}^{(22)}\\
&-m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(20)}m_{021}^{(22)} - m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(20)}m_{012}^{(21)} - 3m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(22)}\\
&-2m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(21)}m_{102}^{(21)} - m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(21)}m_{012}^{(20)} + 3m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(22)}m_{111}^{(21)}\\
&+m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(22)}m_{021}^{(20)} + 2m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(10)}m_{102}^{(22)} - m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(20)}m_{111}^{(22)}\\
&-m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(20)}m_{102}^{(21)} - m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{201}^{(22)} - m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{102}^{(20)}\\
&+m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(22)}m_{201}^{(21)} + m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(22)}m_{111}^{(20)} - 2m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(10)}m_{111}^{(22)}\\
&-m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(11)}m_{201}^{(22)} + m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(20)}m_{120}^{(22)} + m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(20)}m_{111}^{(21)}\\
&+2m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(21)}m_{210}^{(22)} + m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(21)}m_{201}^{(21)} + m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(21)}m_{111}^{(20)}\\
&-2m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(22)}m_{210}^{(21)} - m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(22)}m_{120}^{(20)} + m_{010}^{(00)}m_{011}^{(10)}m_{200}^{(10)}m_{003}^{(22)}
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&-m_{010}^{(00)}m_{010}^{(11)}m_{200}^{(20)}m_{003}^{(21)} - m_{010}^{(00)}m_{010}^{(11)}m_{200}^{(21)}m_{102}^{(22)} + m_{010}^{(00)}m_{010}^{(11)}m_{200}^{(22)}m_{102}^{(21)}\\
&-2m_{010}^{(00)}m_{010}^{(11)}m_{101}^{(10)}m_{102}^{(22)} + 2m_{010}^{(00)}m_{010}^{(11)}m_{101}^{(20)}m_{102}^{(21)} + 2m_{010}^{(00)}m_{010}^{(11)}m_{101}^{(21)}m_{201}^{(22)}\\
&-2m_{010}^{(00)}m_{010}^{(11)}m_{101}^{(22)}m_{201}^{(21)} + m_{010}^{(00)}m_{010}^{(11)}m_{002}^{(10)}m_{201}^{(22)} - m_{010}^{(00)}m_{010}^{(11)}m_{002}^{(20)}m_{201}^{(21)}\\
&-m_{010}^{(00)}m_{010}^{(11)}m_{002}^{(21)}m_{300}^{(22)} + m_{010}^{(00)}m_{010}^{(11)}m_{002}^{(22)}m_{300}^{(21)} + m_{010}^{(00)}m_{010}^{(20)}m_{200}^{(11)}m_{012}^{(22)}\\
&-m_{010}^{(00)}m_{010}^{(20)}m_{200}^{(21)}m_{021}^{(22)} - m_{010}^{(00)}m_{010}^{(20)}m_{200}^{(21)}m_{012}^{(21)} + m_{010}^{(00)}m_{010}^{(20)}m_{200}^{(22)}m_{021}^{(21)}\\
&+m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(10)}m_{012}^{(22)} + m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(10)}m_{003}^{(21)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(11)}m_{102}^{(22)}\\
&-2m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(11)}m_{003}^{(20)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(21)} + m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{111}^{(22)}\\
&+2m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{102}^{(21)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{012}^{(20)} + m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{003}^{(10)}\\
&-m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(22)}m_{111}^{(21)} - m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(22)}m_{012}^{(10)} - m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(10)}m_{021}^{(22)}\\
&-m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(10)}m_{012}^{(21)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(11)}m_{012}^{(20)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(20)}m_{021}^{(21)}\\
&+m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(21)}m_{120}^{(22)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(21)}m_{021}^{(20)} - m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(21)}m_{012}^{(10)}\\
&-m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(22)}m_{120}^{(21)} + m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(22)}m_{021}^{(10)} - m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(22)}\\
&-m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(10)}m_{102}^{(21)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(11)}m_{201}^{(22)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(11)}m_{102}^{(20)}\\
&+2m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(21)} - m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{210}^{(22)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{201}^{(21)}\\
&-2m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(20)} - m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{102}^{(10)} + m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(22)}m_{210}^{(21)}\\
&+m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(22)}m_{111}^{(10)} + m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(10)}m_{120}^{(22)} + m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(10)}m_{111}^{(21)}\\
&-m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(11)}m_{210}^{(22)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(11)}m_{111}^{(20)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(20)}m_{120}^{(21)}\\
&+m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{210}^{(21)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{120}^{(20)} + m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{111}^{(10)}\\
&-m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(22)}m_{120}^{(10)} - 2m_{010}^{(00)}m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(22)} + m_{010}^{(00)}m_{010}^{(21)}m_{200}^{(11)}m_{102}^{(22)}\\
&+2m_{010}^{(00)}m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(21)} + m_{010}^{(00)}m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(22)} - m_{010}^{(00)}m_{010}^{(21)}m_{200}^{(21)}m_{102}^{(21)}\\
&-m_{010}^{(00)}m_{010}^{(21)}m_{200}^{(22)}m_{111}^{(21)} + m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(10)}m_{102}^{(22)} + m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(10)}m_{003}^{(20)}\\
&-m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(21)} - m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(20)}m_{012}^{(20)} - m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(21)}m_{201}^{(22)}\\
&-m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(21)}m_{003}^{(00)} + m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(22)}m_{201}^{(21)} + m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(22)}m_{012}^{(00)}\\
&+3m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(22)} - m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(10)}m_{012}^{(20)} - 2m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(11)}m_{201}^{(22)}\\
&-3m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(21)} + m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(20)}m_{021}^{(20)} - m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{210}^{(22)}\\
&+2m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{201}^{(21)} + m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{012}^{(00)} + m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(22)}m_{210}^{(21)}\\
&-m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(22)}m_{021}^{(00)} - m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(22)} - m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(10)}m_{102}^{(20)}\\
&+m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(21)} + m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{111}^{(21)} + m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{300}^{(22)}\\
&+m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{102}^{(00)} - m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{300}^{(21)} - m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{111}^{(00)}\\
&-m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(10)}m_{210}^{(22)} + m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(10)}m_{111}^{(20)} + m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(11)}m_{300}^{(22)}\\
&+m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(20)}m_{210}^{(21)} - m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(20)}m_{120}^{(20)} - m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(21)}m_{300}^{(21)}\\
&-m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(21)}m_{111}^{(00)} + m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(22)}m_{120}^{(00)} + m_{010}^{(00)}m_{010}^{(22)}m_{200}^{(10)}m_{021}^{(22)}\\
&-m_{010}^{(00)}m_{010}^{(22)}m_{200}^{(11)}m_{111}^{(22)} - m_{010}^{(00)}m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(21)} + m_{010}^{(00)}m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(21)}\\
&-m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(22)} - m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(10)}m_{003}^{(10)} + m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(11)}m_{201}^{(22)}\\
&+m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(11)}m_{003}^{(00)} + m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(21)} + m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(20)}m_{012}^{(10)}\\
&-m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(21)} - m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{012}^{(00)} - m_{010}^{(00)}m_{010}^{(22)}m_{101}^{(10)}m_{120}^{(22)}\\
&+m_{010}^{(00)}m_{010}^{(22)}m_{101}^{(10)}m_{012}^{(10)} + m_{010}^{(00)}m_{010}^{(22)}m_{101}^{(11)}m_{210}^{(22)} - m_{010}^{(00)}m_{010}^{(22)}m_{101}^{(11)}m_{012}^{(00)}\\
&+m_{010}^{(00)}m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(21)} - m_{010}^{(00)}m_{010}^{(22)}m_{101}^{(20)}m_{021}^{(10)} - m_{010}^{(00)}m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(21)}
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&+m_{010}^{(00)}m_{010}^{(22)}m_{101}^{(21)}m_{021}^{(00)} + m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(10)}m_{210}^{(22)} + m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(10)}m_{102}^{(10)}\\
&-m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(11)}m_{300}^{(22)} - m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(11)}m_{102}^{(00)} - m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(21)}\\
&-m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(20)}m_{111}^{(10)} + m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{300}^{(21)} + m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{111}^{(00)}\\
&-m_{010}^{(00)}m_{010}^{(22)}m_{002}^{(10)}m_{111}^{(10)} + m_{010}^{(00)}m_{010}^{(22)}m_{002}^{(11)}m_{111}^{(00)} + m_{010}^{(00)}m_{010}^{(22)}m_{002}^{(20)}m_{120}^{(10)}\\
&-m_{010}^{(00)}m_{010}^{(22)}m_{002}^{(21)}m_{120}^{(00)} - m_{010}^{(00)}m_{001}^{(00)}m_{110}^{(11)}m_{012}^{(22)} - m_{010}^{(00)}m_{001}^{(00)}m_{110}^{(11)}m_{003}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(00)}m_{110}^{(21)}m_{021}^{(22)} + 2m_{010}^{(00)}m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(21)} + m_{010}^{(00)}m_{001}^{(00)}m_{110}^{(21)}m_{003}^{(11)}\\
&-m_{010}^{(00)}m_{001}^{(00)}m_{110}^{(22)}m_{021}^{(21)} - m_{010}^{(00)}m_{001}^{(00)}m_{110}^{(22)}m_{012}^{(11)} + m_{010}^{(00)}m_{001}^{(00)}m_{101}^{(11)}m_{021}^{(22)}\\
&+m_{010}^{(00)}m_{001}^{(00)}m_{101}^{(11)}m_{012}^{(21)} - m_{010}^{(00)}m_{001}^{(00)}m_{101}^{(21)}m_{030}^{(22)} - 2m_{010}^{(00)}m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(00)}m_{101}^{(21)}m_{012}^{(11)} + m_{010}^{(00)}m_{001}^{(00)}m_{101}^{(22)}m_{030}^{(21)} + m_{010}^{(00)}m_{001}^{(00)}m_{101}^{(22)}m_{021}^{(11)}\\
&+m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(11)}m_{102}^{(22)} - m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(21)}m_{111}^{(22)} - m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(22)}m_{111}^{(21)} - m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(11)}m_{111}^{(22)} + m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(11)}m_{102}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(21)}m_{120}^{(22)} - m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(21)}m_{102}^{(11)} - m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(22)}m_{120}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(22)}m_{111}^{(11)} - m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(11)}m_{111}^{(21)} + m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(21)}m_{120}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(21)}m_{111}^{(11)} - m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(22)}m_{111}^{(11)} + m_{010}^{(00)}m_{001}^{(10)}m_{200}^{(11)}m_{012}^{(22)}\\
&-m_{010}^{(00)}m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(22)} - m_{010}^{(00)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(21)} + m_{010}^{(00)}m_{001}^{(10)}m_{200}^{(22)}m_{021}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(22)} + m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(10)}m_{003}^{(21)} - m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(11)}m_{102}^{(22)}\\
&+m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(11)}m_{003}^{(20)} - 2m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(21)} + m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(20)} - 2m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{003}^{(10)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{012}^{(10)}\\
&-m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(22)} - m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(21)} - m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(22)}\\
&-m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(11)}m_{012}^{(20)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(21)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(22)}\\
&+m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(21)} + m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(20)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{012}^{(10)}\\
&-2m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(22)}m_{120}^{(21)} - 2m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(22)}m_{021}^{(10)} - m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(22)}\\
&+m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(21)} + m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{201}^{(22)} - m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{201}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(22)} - m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(21)} + m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{201}^{(22)}\\
&-m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{102}^{(20)} - 2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{210}^{(22)} - m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(20)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{102}^{(10)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{210}^{(21)}\\
&-2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{111}^{(10)} + m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(21)} + m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{111}^{(20)}\\
&-m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(21)} - m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{120}^{(20)} - 2m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{111}^{(10)}\\
&+2m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(22)}m_{120}^{(10)} - m_{010}^{(00)}m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(22)} + m_{010}^{(00)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(11)}m_{200}^{(21)}m_{111}^{(22)} - m_{010}^{(00)}m_{001}^{(11)}m_{200}^{(22)}m_{111}^{(21)} + m_{010}^{(00)}m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(22)}\\
&-m_{010}^{(00)}m_{001}^{(11)}m_{110}^{(10)}m_{003}^{(20)} - m_{010}^{(00)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(21)} + m_{010}^{(00)}m_{001}^{(11)}m_{110}^{(20)}m_{012}^{(20)}\\
&-m_{010}^{(00)}m_{001}^{(11)}m_{110}^{(21)}m_{201}^{(22)} + m_{010}^{(00)}m_{001}^{(11)}m_{110}^{(21)}m_{003}^{(00)} + m_{010}^{(00)}m_{001}^{(11)}m_{110}^{(22)}m_{201}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(11)}m_{110}^{(22)}m_{012}^{(00)} + m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(22)} + m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(10)}m_{012}^{(20)}\\
&-m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(21)} - m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(20)}m_{021}^{(20)} - m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{210}^{(22)}\\
&-m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{012}^{(00)} + m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(22)}m_{210}^{(21)} + m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(22)}m_{021}^{(00)}\\
&-m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(22)} + m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(10)}m_{102}^{(20)} + m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(20)} + m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{300}^{(22)} - m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{102}^{(00)}\\
&-m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(22)}m_{300}^{(21)} + m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(22)}m_{111}^{(00)} - m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(10)}m_{002}^{(20)}m_{111}^{(21)}
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&+m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(20)}m_{120}^{(20)}+m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{111}^{(00)}-m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(22)}m_{120}^{(00)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(22)}+m_{010}^{(00)}m_{001}^{(20)}m_{200}^{(21)}m_{030}^{(22)}+m_{010}^{(00)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{200}^{(22)}m_{030}^{(21)}-m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(22)}-m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(10)}m_{003}^{(11)}\\
&+3m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(22)}+m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(11)}m_{003}^{(10)}+m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(20)}m_{012}^{(11)}-2m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(22)}-3m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{012}^{(10)}+2m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(22)}m_{120}^{(21)}+m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(22)}\\
&+m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(10)}m_{012}^{(11)}-m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(22)}-m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{012}^{(10)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(21)}-m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(20)}m_{021}^{(11)}+m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{021}^{(10)}+m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(22)}-2m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(22)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(21)}+m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{210}^{(22)}+2m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(22)}m_{210}^{(21)}-m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(22)}+m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{102}^{(11)}\\
&+m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(22)}-m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{102}^{(10)}+m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{111}^{(11)}-m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(21)}+m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{111}^{(10)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(10)}m_{111}^{(11)}+m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(11)}m_{111}^{(10)}+m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(20)}m_{120}^{(11)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(21)}m_{120}^{(10)}+2m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(22)}-m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(22)}\\
&-2m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(21)}-m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(22)}+m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(22)}m_{120}^{(21)}-3m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(22)}+m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{003}^{(10)}\\
&+m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(22)}-m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(11)}m_{003}^{(00)}+3m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{012}^{(10)}+2m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(22)}-m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{012}^{(00)}-2m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(21)}-m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(22)}\\
&-m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{012}^{(10)}+m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(22)}+m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{012}^{(00)}\\
&+m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(21)}+m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(20)}m_{021}^{(10)}-m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{021}^{(00)}+m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(22)}-m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{300}^{(22)}+m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{300}^{(21)}+m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(22)}\\
&-m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{102}^{(10)}-m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{300}^{(22)}+m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{102}^{(00)}\\
&-m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(21)}+m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{111}^{(10)}+m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{111}^{(00)}+m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(10)}m_{111}^{(10)}-m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(11)}m_{111}^{(00)}\\
&-m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(20)}m_{120}^{(10)}+m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(21)}m_{120}^{(00)}-m_{010}^{(00)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(22)}\\
&+m_{010}^{(00)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(22)}+m_{010}^{(00)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(21)}-m_{010}^{(00)}m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(21)}\\
&+2m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(22)}-2m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(22)}-2m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(21)}\\
&+2m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(21)}-m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(22)}+m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(22)}\\
&+m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(21)}-m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(21)}+(m_{010}^{(10)})^2m_{200}^{(10)}m_{003}^{(22)}\\
&-(m_{010}^{(10)})^2m_{200}^{(20)}m_{012}^{(22)}-(m_{010}^{(10)})^2m_{200}^{(21)}m_{003}^{(20)}+(m_{010}^{(10)})^2m_{200}^{(22)}m_{012}^{(20)}\\
&+(m_{010}^{(10)})^2m_{110}^{(00)}m_{003}^{(22)}-(m_{010}^{(10)})^2m_{110}^{(20)}m_{102}^{(22)}-(m_{010}^{(10)})^2m_{110}^{(20)}m_{003}^{(20)}\\
&+(m_{010}^{(10)})^2m_{110}^{(22)}m_{102}^{(20)}-(m_{010}^{(10)})^2m_{101}^{(00)}m_{012}^{(22)}-2(m_{010}^{(10)})^2m_{101}^{(10)}m_{102}^{(22)}\\
&+3(m_{010}^{(10)})^2m_{101}^{(20)}m_{111}^{(22)}+(m_{010}^{(10)})^2m_{101}^{(20)}m_{012}^{(20)}+2(m_{010}^{(10)})^2m_{101}^{(21)}m_{102}^{(20)}\\
&-3(m_{010}^{(10)})^2m_{101}^{(22)}m_{111}^{(20)}-(m_{010}^{(10)})^2m_{011}^{(00)}m_{102}^{(22)}+(m_{010}^{(10)})^2m_{011}^{(20)}m_{201}^{(22)}\\
&+(m_{010}^{(10)})^2m_{011}^{(20)}m_{102}^{(20)}-(m_{010}^{(10)})^2m_{011}^{(22)}m_{201}^{(20)}+(m_{010}^{(10)})^2m_{002}^{(00)}m_{111}^{(22)}
\end{aligned}
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\begin{aligned}
&+(m_{010}^{(10)})^2 m_{002}^{(10)} m_{201}^{(22)} - 2(m_{010}^{(10)})^2 m_{002}^{(20)} m_{210}^{(22)} - (m_{010}^{(10)})^2 m_{002}^{(20)} m_{111}^{(20)} \\
&-(m_{010}^{(10)})^2 m_{002}^{(21)} m_{201}^{(20)} + 2(m_{010}^{(10)})^2 m_{002}^{(22)} m_{210}^{(20)} - m_{010}^{(10)} m_{010}^{(11)} m_{200}^{(00)} m_{003}^{(22)} \\
&+m_{010}^{(10)} m_{010}^{(11)} m_{200}^{(20)} m_{102}^{(22)} + m_{010}^{(10)} m_{010}^{(11)} m_{200}^{(20)} m_{003}^{(20)} - m_{010}^{(10)} m_{010}^{(11)} m_{200}^{(22)} m_{102}^{(20)} \\
&+2m_{010}^{(10)} m_{010}^{(11)} m_{101}^{(00)} m_{102}^{(22)} - 2m_{010}^{(10)} m_{010}^{(11)} m_{101}^{(20)} m_{201}^{(22)} - 2m_{010}^{(10)} m_{010}^{(11)} m_{101}^{(20)} m_{102}^{(20)} \\
&+2m_{010}^{(10)} m_{010}^{(11)} m_{101}^{(22)} m_{201}^{(20)} - m_{010}^{(10)} m_{010}^{(11)} m_{002}^{(00)} m_{201}^{(22)} + m_{010}^{(10)} m_{010}^{(11)} m_{002}^{(20)} m_{300}^{(22)} \\
&+m_{010}^{(10)} m_{010}^{(11)} m_{002}^{(20)} m_{201}^{(20)} - m_{010}^{(10)} m_{010}^{(11)} m_{002}^{(22)} m_{300}^{(20)} - m_{010}^{(10)} m_{010}^{(20)} m_{200}^{(10)} m_{012}^{(22)} \\
&-m_{010}^{(10)} m_{010}^{(20)} m_{200}^{(10)} m_{003}^{(21)} + 2m_{010}^{(10)} m_{010}^{(20)} m_{200}^{(11)} m_{003}^{(20)} + m_{010}^{(10)} m_{010}^{(20)} m_{200}^{(20)} m_{021}^{(22)} \\
&+m_{010}^{(10)} m_{010}^{(20)} m_{200}^{(20)} m_{012}^{(21)} - m_{010}^{(10)} m_{010}^{(20)} m_{200}^{(21)} m_{012}^{(20)} - m_{010}^{(10)} m_{010}^{(20)} m_{200}^{(21)} m_{003}^{(10)} \\
&-m_{010}^{(10)} m_{010}^{(20)} m_{200}^{(22)} m_{021}^{(20)} + m_{010}^{(10)} m_{010}^{(20)} m_{200}^{(22)} m_{012}^{(10)} - m_{010}^{(10)} m_{010}^{(20)} m_{110}^{(00)} m_{012}^{(22)} \\
&-m_{010}^{(10)} m_{010}^{(20)} m_{110}^{(00)} m_{003}^{(21)} + 2m_{010}^{(10)} m_{010}^{(20)} m_{110}^{(10)} m_{102}^{(22)} + 2m_{010}^{(10)} m_{010}^{(20)} m_{110}^{(10)} m_{003}^{(20)} \\
&-m_{010}^{(10)} m_{010}^{(20)} m_{110}^{(20)} m_{111}^{(22)} + m_{010}^{(10)} m_{010}^{(20)} m_{110}^{(21)} m_{102}^{(20)} + m_{010}^{(10)} m_{010}^{(20)} m_{110}^{(20)} m_{012}^{(20)} \\
&-m_{010}^{(10)} m_{010}^{(20)} m_{110}^{(20)} m_{003}^{(10)} - 4m_{010}^{(10)} m_{010}^{(20)} m_{110}^{(21)} m_{102}^{(20)} + m_{010}^{(10)} m_{010}^{(20)} m_{110}^{(22)} m_{111}^{(20)} \\
&+m_{010}^{(10)} m_{010}^{(20)} m_{110}^{(22)} m_{102}^{(10)} + m_{010}^{(10)} m_{010}^{(20)} m_{101}^{(00)} m_{021}^{(22)} + m_{010}^{(10)} m_{010}^{(20)} m_{101}^{(00)} m_{012}^{(21)} \\
&+2m_{010}^{(10)} m_{010}^{(20)} m_{101}^{(10)} m_{102}^{(21)} - 2m_{010}^{(10)} m_{010}^{(20)} m_{101}^{(10)} m_{012}^{(20)} - 4m_{010}^{(10)} m_{010}^{(20)} m_{101}^{(11)} m_{102}^{(20)} \\
&-m_{010}^{(10)} m_{010}^{(20)} m_{101}^{(20)} m_{120}^{(22)} - 3m_{010}^{(10)} m_{010}^{(20)} m_{101}^{(20)} m_{111}^{(21)} - m_{010}^{(10)} m_{010}^{(20)} m_{101}^{(20)} m_{021}^{(20)} \\
&+m_{010}^{(10)} m_{010}^{(20)} m_{101}^{(20)} m_{012}^{(10)} + 6m_{010}^{(10)} m_{010}^{(20)} m_{101}^{(21)} m_{111}^{(20)} + 2m_{010}^{(10)} m_{010}^{(20)} m_{101}^{(21)} m_{102}^{(10)} \\
&+m_{010}^{(10)} m_{010}^{(20)} m_{101}^{(22)} m_{120}^{(20)} - 3m_{010}^{(10)} m_{010}^{(20)} m_{101}^{(22)} m_{111}^{(10)} + m_{010}^{(10)} m_{010}^{(20)} m_{011}^{(00)} m_{111}^{(22)} \\
&+m_{010}^{(10)} m_{010}^{(20)} m_{011}^{(00)} m_{102}^{(21)} - 2m_{010}^{(10)} m_{010}^{(20)} m_{011}^{(10)} m_{201}^{(22)} - 2m_{010}^{(10)} m_{010}^{(20)} m_{011}^{(10)} m_{102}^{(20)} \\
&+m_{010}^{(10)} m_{010}^{(20)} m_{011}^{(20)} m_{210}^{(22)} - m_{010}^{(10)} m_{010}^{(20)} m_{011}^{(20)} m_{201}^{(21)} - m_{010}^{(10)} m_{010}^{(20)} m_{011}^{(20)} m_{111}^{(20)} \\
&+m_{010}^{(10)} m_{010}^{(20)} m_{011}^{(20)} m_{102}^{(10)} + 4m_{010}^{(10)} m_{010}^{(20)} m_{011}^{(21)} m_{201}^{(20)} - m_{010}^{(10)} m_{010}^{(20)} m_{011}^{(22)} m_{210}^{(20)} \\
&-m_{010}^{(10)} m_{010}^{(20)} m_{011}^{(22)} m_{201}^{(10)} - m_{010}^{(10)} m_{010}^{(20)} m_{002}^{(00)} m_{120}^{(22)} - m_{010}^{(10)} m_{010}^{(20)} m_{002}^{(00)} m_{111}^{(21)} \\
&+m_{010}^{(10)} m_{010}^{(20)} m_{002}^{(10)} m_{210}^{(22)} - m_{010}^{(10)} m_{010}^{(20)} m_{002}^{(10)} m_{201}^{(21)} + 2m_{010}^{(10)} m_{010}^{(20)} m_{002}^{(10)} m_{111}^{(20)} \\
&+2m_{010}^{(10)} m_{010}^{(20)} m_{002}^{(11)} m_{201}^{(20)} + 2m_{010}^{(10)} m_{010}^{(20)} m_{002}^{(20)} m_{210}^{(21)} + m_{010}^{(10)} m_{010}^{(20)} m_{002}^{(20)} m_{120}^{(20)} \\
&-m_{010}^{(10)} m_{010}^{(20)} m_{002}^{(20)} m_{111}^{(10)} - 5m_{010}^{(10)} m_{010}^{(20)} m_{002}^{(21)} m_{210}^{(20)} - m_{010}^{(10)} m_{010}^{(20)} m_{002}^{(21)} m_{201}^{(10)} \\
&+2m_{010}^{(10)} m_{010}^{(20)} m_{002}^{(22)} m_{210}^{(10)} + 2m_{010}^{(10)} m_{010}^{(21)} m_{200}^{(00)} m_{012}^{(22)} - m_{010}^{(10)} m_{010}^{(21)} m_{200}^{(10)} m_{102}^{(22)} \\
&-m_{010}^{(10)} m_{010}^{(21)} m_{200}^{(10)} m_{003}^{(20)} - m_{010}^{(10)} m_{010}^{(21)} m_{200}^{(20)} m_{111}^{(22)} - m_{010}^{(10)} m_{010}^{(21)} m_{200}^{(20)} m_{012}^{(20)} \\
&+m_{010}^{(10)} m_{010}^{(21)} m_{200}^{(21)} m_{102}^{(20)} + m_{010}^{(10)} m_{010}^{(21)} m_{200}^{(21)} m_{003}^{(00)} + m_{010}^{(10)} m_{010}^{(21)} m_{200}^{(22)} m_{111}^{(20)} \\
&-m_{010}^{(10)} m_{010}^{(21)} m_{200}^{(22)} m_{012}^{(00)} - m_{010}^{(10)} m_{010}^{(21)} m_{110}^{(00)} m_{102}^{(22)} - m_{010}^{(10)} m_{010}^{(21)} m_{110}^{(00)} m_{003}^{(20)} \\
&+m_{010}^{(10)} m_{010}^{(21)} m_{110}^{(20)} m_{201}^{(22)} + 2m_{010}^{(10)} m_{010}^{(21)} m_{110}^{(20)} m_{102}^{(20)} + m_{010}^{(10)} m_{010}^{(21)} m_{110}^{(20)} m_{003}^{(00)} \\
&-m_{010}^{(10)} m_{010}^{(21)} m_{110}^{(22)} m_{201}^{(20)} - m_{010}^{(10)} m_{010}^{(21)} m_{110}^{(22)} m_{102}^{(00)} - 3m_{010}^{(10)} m_{010}^{(21)} m_{101}^{(00)} m_{111}^{(22)} \\
&+m_{010}^{(10)} m_{010}^{(21)} m_{101}^{(00)} m_{012}^{(20)} + 2m_{010}^{(10)} m_{010}^{(21)} m_{101}^{(10)} m_{201}^{(22)} + 2m_{010}^{(10)} m_{010}^{(21)} m_{101}^{(10)} m_{102}^{(20)} \\
&+m_{010}^{(10)} m_{010}^{(21)} m_{101}^{(20)} m_{210}^{(22)} - m_{010}^{(10)} m_{010}^{(21)} m_{101}^{(20)} m_{012}^{(00)} - 2m_{010}^{(10)} m_{010}^{(21)} m_{101}^{(21)} m_{201}^{(20)} \\
&-2m_{010}^{(10)} m_{010}^{(21)} m_{101}^{(21)} m_{102}^{(00)} - m_{010}^{(10)} m_{010}^{(21)} m_{101}^{(22)} m_{210}^{(20)} + 3m_{010}^{(10)} m_{010}^{(21)} m_{101}^{(22)} m_{111}^{(00)} \\
&+m_{010}^{(10)} m_{010}^{(21)} m_{011}^{(00)} m_{201}^{(22)} + m_{010}^{(10)} m_{010}^{(21)} m_{011}^{(00)} m_{102}^{(20)} - m_{010}^{(10)} m_{010}^{(21)} m_{011}^{(20)} m_{300}^{(22)} \\
&-2m_{010}^{(10)} m_{010}^{(21)} m_{011}^{(20)} m_{201}^{(20)} - m_{010}^{(10)} m_{010}^{(21)} m_{011}^{(20)} m_{102}^{(00)} + m_{010}^{(10)} m_{010}^{(21)} m_{011}^{(22)} m_{300}^{(20)} \\
&+m_{010}^{(10)} m_{010}^{(21)} m_{011}^{(22)} m_{201}^{(00)} + m_{010}^{(10)} m_{010}^{(21)} m_{002}^{(22)} m_{210}^{(20)} - m_{010}^{(10)} m_{010}^{(21)} m_{002}^{(00)} m_{111}^{(20)} \\
&-m_{010}^{(10)} m_{010}^{(21)} m_{002}^{(10)} m_{300}^{(22)} - m_{010}^{(10)} m_{010}^{(21)} m_{002}^{(10)} m_{201}^{(20)} + m_{010}^{(10)} m_{010}^{(21)} m_{002}^{(20)} m_{210}^{(20)} \\
&+m_{010}^{(10)} m_{010}^{(21)} m_{002}^{(20)} m_{111}^{(00)} + m_{010}^{(10)} m_{010}^{(21)} m_{002}^{(21)} m_{300}^{(20)} + m_{010}^{(10)} m_{010}^{(21)} m_{002}^{(21)} m_{201}^{(00)}
\end{aligned}
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\begin{aligned}
&-2m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(22)}m_{210}^{(00)} - m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(00)}m_{021}^{(22)} + m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(10)}m_{111}^{(22)}\\
&+m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(10)}m_{003}^{(10)} - m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(11)}m_{003}^{(00)} + m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(20)}\\
&-m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(20)}m_{012}^{(10)} - m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(20)} + m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(21)}m_{012}^{(00)}\\
&+m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(00)}m_{111}^{(22)} + m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(00)}m_{003}^{(10)} - m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{201}^{(22)}\\
&-m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{003}^{(00)} - m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(20)} - m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{102}^{(10)}\\
&+m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(20)} + m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{102}^{(00)} + m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(00)}m_{120}^{(22)}\\
&-m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(00)}m_{012}^{(10)} - m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{210}^{(22)} - 2m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{102}^{(10)}\\
&+m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{012}^{(00)} + 2m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(11)}m_{102}^{(00)} - m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(20)}\\
&+3m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{111}^{(10)} + m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(20)} - 3m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{111}^{(00)}\\
&-m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{210}^{(22)} - m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{102}^{(10)} + m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{300}^{(22)}\\
&+m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{102}^{(00)} + m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(20)} + m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{201}^{(10)}\\
&-m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(21)}m_{300}^{(20)} - m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(21)}m_{201}^{(00)} + m_{010}^{(10)}m_{010}^{(22)}m_{002}^{(00)}m_{111}^{(10)}\\
&+m_{010}^{(10)}m_{010}^{(22)}m_{002}^{(10)}m_{201}^{(10)} - m_{010}^{(10)}m_{010}^{(22)}m_{002}^{(10)}m_{111}^{(00)} - m_{010}^{(10)}m_{010}^{(22)}m_{002}^{(11)}m_{201}^{(00)}\\
&-2m_{010}^{(10)}m_{010}^{(22)}m_{002}^{(20)}m_{210}^{(10)} + 2m_{010}^{(10)}m_{010}^{(22)}m_{002}^{(21)}m_{210}^{(00)} + m_{010}^{(10)}m_{001}^{(00)}m_{200}^{(11)}m_{003}^{(21)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{200}^{(21)}m_{012}^{(21)} - m_{010}^{(10)}m_{001}^{(00)}m_{200}^{(21)}m_{003}^{(11)} + m_{010}^{(10)}m_{001}^{(00)}m_{200}^{(22)}m_{012}^{(11)}\\
&+m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(10)}m_{012}^{(22)} + m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(10)}m_{003}^{(21)} - m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(20)}m_{021}^{(22)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(20)}m_{003}^{(11)} - m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{102}^{(21)} - m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(22)}m_{102}^{(11)} + m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(22)}m_{021}^{(20)} - m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(10)}m_{021}^{(22)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(10)}m_{012}^{(21)} - 2m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(11)}m_{102}^{(21)} + m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(20)}m_{030}^{(22)}\\
&+m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(20)}m_{012}^{(11)} + 3m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{111}^{(21)} + 2m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{102}^{(11)}\\
&+m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(20)} - 3m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(22)}m_{111}^{(11)} - m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(22)}m_{030}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{020}^{(10)}m_{102}^{(22)} + m_{010}^{(10)}m_{001}^{(00)}m_{020}^{(20)}m_{111}^{(22)} + m_{010}^{(10)}m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{020}^{(22)}m_{111}^{(20)} + m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(22)} - m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{102}^{(21)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{120}^{(22)} + m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{102}^{(11)} + m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{201}^{(21)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(20)} - m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(22)}m_{201}^{(11)} + m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(22)}m_{120}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{111}^{(21)} + m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(11)}m_{201}^{(21)} - m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(20)}m_{111}^{(11)}\\
&-2m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{210}^{(21)} - m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{201}^{(11)} + 2m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(22)}m_{210}^{(11)}\\
&-m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(10)}m_{012}^{(22)} - m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(10)}m_{003}^{(21)} - m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(11)}m_{003}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(20)}m_{021}^{(22)} + m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(20)}m_{012}^{(21)} + 2m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(20)}\\
&+2m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{003}^{(10)} - m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(22)}m_{021}^{(20)} - 2m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(22)}m_{012}^{(10)}\\
&-m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(00)}m_{012}^{(22)} - m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(00)}m_{003}^{(21)} + m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(22)}\\
&-m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(10)}m_{003}^{(20)} + m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{102}^{(21)} + m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(20)}\\
&+2m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{003}^{(10)} - 2m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{102}^{(10)} + m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(00)}m_{021}^{(22)}\\
&+m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(00)}m_{012}^{(21)} + m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(22)} + 2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{102}^{(21)}\\
&+m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(20)} + 2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{102}^{(20)} - 2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{120}^{(22)}\\
&-3m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(21)} - m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(20)} - 2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{012}^{(10)}\\
&-4m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(20)} - 4m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{102}^{(10)} + 2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{120}^{(20)}\\
&+6m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{111}^{(10)} + m_{010}^{(10)}m_{001}^{(10)}m_{020}^{(00)}m_{102}^{(22)} - m_{010}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{201}^{(22)}
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\begin{aligned}
&-m_{010}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(20)} + m_{010}^{(10)}m_{001}^{(10)}m_{020}^{(22)}m_{201}^{(20)} - m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{111}^{(22)}\\
&+m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{102}^{(21)} - m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(22)} + m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(20)}\\
&+2m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(22)} - m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(21)} + m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{102}^{(10)} - 2m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{210}^{(20)} + 2m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{201}^{(10)}\\
&-m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(00)}m_{111}^{(21)} - m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{201}^{(21)} - m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(11)}m_{201}^{(20)} + 2m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{210}^{(21)} + 2m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{111}^{(10)}\\
&+2m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{210}^{(20)} + 2m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{201}^{(10)} - 4m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(22)}m_{210}^{(10)}\\
&+m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(00)}m_{012}^{(22)} + m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(10)}m_{003}^{(20)} - m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{111}^{(22)}\\
&-2m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(20)} - m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{003}^{(00)} + m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{111}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{012}^{(00)} - m_{010}^{(10)}m_{001}^{(11)}m_{110}^{(00)}m_{102}^{(22)} + m_{010}^{(10)}m_{001}^{(11)}m_{110}^{(00)}m_{003}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{201}^{(22)} - m_{010}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{003}^{(00)} - m_{010}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{201}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{102}^{(00)} - m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{111}^{(22)} - m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{012}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(20)} + m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{210}^{(22)} + 4m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{012}^{(00)} + 2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{102}^{(00)} - m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{210}^{(20)}\\
&-3m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{111}^{(00)} + m_{010}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{201}^{(22)} - m_{010}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{102}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{300}^{(22)} + m_{010}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{102}^{(00)} + m_{010}^{(10)}m_{001}^{(11)}m_{011}^{(22)}m_{300}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(11)}m_{011}^{(22)}m_{201}^{(00)} + m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(00)}m_{111}^{(20)} + m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{201}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(20)} - m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{111}^{(00)} - m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(21)}m_{201}^{(00)}\\
&+2m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(22)}m_{210}^{(00)} + m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(22)} + m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(10)}m_{003}^{(11)}\\
&-m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{003}^{(10)} - m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(20)}m_{030}^{(22)} - m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(20)}m_{012}^{(11)}\\
&-m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(20)} + m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{012}^{(10)} + m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(22)}m_{030}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(00)}m_{021}^{(22)} + m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(00)}m_{003}^{(11)} - 3m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(22)}\\
&-m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{003}^{(10)} + 2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(22)} - m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{102}^{(11)}\\
&-m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(20)} + 3m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(20)} + m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{102}^{(10)}\\
&-2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{120}^{(20)} - m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(00)}m_{030}^{(22)} - m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(00)}m_{012}^{(11)}\\
&+m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(22)} - 2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{102}^{(11)} + m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{012}^{(10)}\\
&+2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{102}^{(10)} + 3m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{111}^{(11)} + m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(20)} - 3m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{111}^{(10)} - m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(22)}\\
&+2m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(22)} - m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(22)} + m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(20)} + m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(22)}m_{210}^{(20)} + m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(22)}\\
&-m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{102}^{(11)} - m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(22)} + m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{102}^{(10)}\\
&+m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{201}^{(11)} - m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(20)} + m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{201}^{(10)} + m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(00)}m_{111}^{(11)} + m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{201}^{(11)}\\
&-m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{111}^{(10)} - m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(11)}m_{201}^{(10)} - 2m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(20)}m_{210}^{(11)}\\
&+2m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(21)}m_{210}^{(10)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(22)} + m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(22)}\\
&-m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{003}^{(10)} + m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{003}^{(00)} + m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{120}^{(22)}\\
&+2m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(20)} + m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{012}^{(10)} - m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{012}^{(00)} - m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(22)}m_{120}^{(20)} + 3m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(22)}
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\begin{aligned}
&-m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{003}^{(10)} - m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(22)} + m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{003}^{(00)}\\
&-2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(22)} - 3m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(20)} + m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{102}^{(10)}\\
&+m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(20)} - m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{102}^{(00)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(22)} + m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{012}^{(10)} - m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(22)}\\
&+2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{102}^{(10)} - m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{012}^{(00)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{102}^{(00)}\\
&-m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(20)} - 3m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{111}^{(10)} + m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(20)}\\
&+3m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{111}^{(00)} - m_{010}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(22)} + m_{010}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{300}^{(22)}\\
&+m_{010}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(20)} - m_{010}^{(10)}m_{001}^{(21)}m_{020}^{(22)}m_{300}^{(20)} - m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(22)}\\
&+m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{102}^{(10)} + m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(22)} - m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{102}^{(00)}\\
&+m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(20)} - m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{201}^{(10)} - m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{201}^{(00)} - m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(00)}m_{111}^{(10)} - m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{201}^{(10)}\\
&+m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{111}^{(00)} + m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(11)}m_{201}^{(00)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(20)}m_{210}^{(10)}\\
&-2m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(21)}m_{210}^{(00)} + m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(22)} - m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(22)}\\
&-m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(20)} + m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(20)} - 2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(22)}\\
&+2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(22)} + 2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(20)} - 2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(22)} - m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(22)} - m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(20)} + m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(00)}m_{003}^{(21)} - 2m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(10)}m_{003}^{(20)}\\
&-m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(20)}m_{102}^{(21)} + m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(20)}m_{003}^{(10)} + 2m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(21)}m_{102}^{(20)}\\
&-m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(22)}m_{102}^{(10)} - 2m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(00)}m_{102}^{(21)} + 4m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(10)}m_{102}^{(20)}\\
&+2m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{201}^{(21)} - 2m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{102}^{(10)} - 4m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(21)}m_{201}^{(20)}\\
&+2m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(22)}m_{201}^{(10)} + m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(00)}m_{201}^{(21)} - 2m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(10)}m_{201}^{(20)}\\
&-m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(20)}m_{300}^{(21)} + m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(20)}m_{201}^{(10)} + 2m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(21)}m_{300}^{(20)}\\
&-m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(22)}m_{300}^{(10)} + m_{010}^{(11)}m_{010}^{(21)}m_{200}^{(00)}m_{003}^{(20)} - m_{010}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{102}^{(20)}\\
&-m_{010}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{003}^{(00)} + m_{010}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{102}^{(00)} - 2m_{010}^{(11)}m_{010}^{(21)}m_{101}^{(00)}m_{102}^{(20)}\\
&+2m_{010}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{201}^{(20)} + 2m_{010}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{102}^{(00)} - 2m_{010}^{(11)}m_{010}^{(21)}m_{101}^{(22)}m_{201}^{(00)}\\
&+m_{010}^{(11)}m_{010}^{(21)}m_{002}^{(00)}m_{201}^{(20)} - m_{010}^{(11)}m_{010}^{(21)}m_{002}^{(20)}m_{300}^{(20)} - m_{010}^{(11)}m_{010}^{(21)}m_{002}^{(20)}m_{201}^{(00)}\\
&+m_{010}^{(11)}m_{010}^{(21)}m_{002}^{(22)}m_{300}^{(00)} - m_{010}^{(11)}m_{010}^{(22)}m_{200}^{(00)}m_{003}^{(10)} + m_{010}^{(11)}m_{010}^{(22)}m_{200}^{(10)}m_{003}^{(00)}\\
&+m_{010}^{(11)}m_{010}^{(22)}m_{200}^{(20)}m_{102}^{(10)} - m_{010}^{(11)}m_{010}^{(22)}m_{200}^{(21)}m_{102}^{(00)} + 2m_{010}^{(11)}m_{010}^{(22)}m_{101}^{(00)}m_{102}^{(10)}\\
&-2m_{010}^{(11)}m_{010}^{(22)}m_{101}^{(10)}m_{102}^{(00)} - 2m_{010}^{(11)}m_{010}^{(22)}m_{101}^{(20)}m_{201}^{(10)} + 2m_{010}^{(11)}m_{010}^{(22)}m_{101}^{(21)}m_{201}^{(00)}\\
&-m_{010}^{(11)}m_{010}^{(22)}m_{002}^{(00)}m_{201}^{(10)} + m_{010}^{(11)}m_{010}^{(22)}m_{002}^{(10)}m_{201}^{(00)} + m_{010}^{(11)}m_{010}^{(22)}m_{002}^{(20)}m_{300}^{(10)}\\
&-m_{010}^{(11)}m_{010}^{(22)}m_{002}^{(21)}m_{300}^{(00)} - m_{010}^{(11)}m_{001}^{(00)}m_{200}^{(10)}m_{003}^{(21)} + m_{010}^{(11)}m_{001}^{(00)}m_{200}^{(20)}m_{003}^{(11)}\\
&+m_{010}^{(11)}m_{001}^{(00)}m_{200}^{(21)}m_{102}^{(21)} - m_{010}^{(11)}m_{001}^{(00)}m_{200}^{(22)}m_{102}^{(11)} + 2m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(10)}m_{102}^{(21)}\\
&-2m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{102}^{(11)} - 2m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(21)}m_{201}^{(21)} + 2m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(22)}m_{201}^{(11)}\\
&-m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(10)}m_{201}^{(21)} + m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(20)}m_{201}^{(11)} + m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(21)}m_{300}^{(21)}\\
&-m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(22)}m_{300}^{(11)} + m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(00)}m_{003}^{(21)} + m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(10)}m_{003}^{(20)}\\
&-m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{102}^{(21)} - 2m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{003}^{(10)} - m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(21)}m_{102}^{(20)}\\
&+2m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{102}^{(10)} - 2m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(00)}m_{102}^{(21)} - 2m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{102}^{(20)}\\
&+2m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{201}^{(21)} + 4m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{102}^{(10)} + 2m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{201}^{(20)}
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&-4m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{201}^{(10)} + m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(00)}m_{201}^{(21)} + m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{201}^{(20)}\\
&-m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{300}^{(21)} - 2m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{201}^{(10)} - m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(21)}m_{300}^{(20)}\\
&+2m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(22)}m_{300}^{(10)} - m_{010}^{(11)}m_{001}^{(11)}m_{200}^{(00)}m_{003}^{(20)} + m_{010}^{(11)}m_{001}^{(11)}m_{200}^{(20)}m_{102}^{(20)}\\
&+m_{010}^{(11)}m_{001}^{(11)}m_{200}^{(20)}m_{003}^{(00)} - m_{010}^{(11)}m_{001}^{(11)}m_{200}^{(22)}m_{102}^{(00)} + 2m_{010}^{(11)}m_{001}^{(11)}m_{101}^{(00)}m_{102}^{(20)}\\
&-2m_{010}^{(11)}m_{001}^{(11)}m_{101}^{(20)}m_{201}^{(20)} - 2m_{010}^{(11)}m_{001}^{(11)}m_{101}^{(20)}m_{102}^{(00)} + 2m_{010}^{(11)}m_{001}^{(11)}m_{101}^{(22)}m_{201}^{(00)}\\
&-m_{010}^{(11)}m_{001}^{(11)}m_{002}^{(00)}m_{201}^{(20)} + m_{010}^{(11)}m_{001}^{(11)}m_{002}^{(20)}m_{300}^{(20)} + m_{010}^{(11)}m_{001}^{(11)}m_{002}^{(20)}m_{201}^{(00)}\\
&-m_{010}^{(11)}m_{001}^{(11)}m_{002}^{(22)}m_{300}^{(00)} - m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(00)}m_{003}^{(11)} + m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{003}^{(10)}\\
&+m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{102}^{(11)} - m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{102}^{(10)} + 2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{102}^{(11)}\\
&-2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{102}^{(10)} - 2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{201}^{(11)} + 2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{201}^{(10)}\\
&-m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(00)}m_{201}^{(11)} + m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(10)}m_{201}^{(10)} + m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(20)}m_{300}^{(11)}\\
&-m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(21)}m_{300}^{(10)} + m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{003}^{(10)} - m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{003}^{(00)}\\
&-m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{102}^{(10)} + m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{102}^{(00)} - 2m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{102}^{(10)}\\
&+2m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{102}^{(00)} + 2m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{201}^{(10)} - 2m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{201}^{(00)}\\
&+m_{010}^{(11)}m_{001}^{(21)}m_{002}^{(00)}m_{201}^{(10)} - m_{010}^{(11)}m_{001}^{(21)}m_{002}^{(10)}m_{201}^{(00)} - m_{010}^{(11)}m_{001}^{(21)}m_{002}^{(20)}m_{300}^{(10)}\\
&+m_{010}^{(11)}m_{001}^{(21)}m_{002}^{(21)}m_{300}^{(00)} + (m_{010}^{(20)})^2m_{200}^{(10)}m_{012}^{(21)} - 2(m_{010}^{(20)})^2m_{200}^{(11)}m_{012}^{(20)}\\
&-(m_{010}^{(20)})^2m_{200}^{(20)}m_{021}^{(21)} + 2(m_{010}^{(20)})^2m_{200}^{(21)}m_{021}^{(20)} + (m_{010}^{(20)})^2m_{200}^{(21)}m_{012}^{(10)}\\
&-(m_{010}^{(20)})^2m_{200}^{(22)}m_{021}^{(10)} + (m_{010}^{(20)})^2m_{110}^{(00)}m_{012}^{(21)} - 2(m_{010}^{(20)})^2m_{110}^{(10)}m_{102}^{(21)}\\
&-2(m_{010}^{(20)})^2m_{110}^{(10)}m_{012}^{(20)} + 4(m_{010}^{(20)})^2m_{110}^{(11)}m_{102}^{(20)} + (m_{010}^{(20)})^2m_{110}^{(20)}m_{111}^{(21)}\\
&+(m_{010}^{(20)})^2m_{110}^{(20)}m_{012}^{(10)} - 2(m_{010}^{(20)})^2m_{110}^{(21)}m_{111}^{(20)} - 2(m_{010}^{(20)})^2m_{110}^{(21)}m_{102}^{(10)}\\
&+(m_{010}^{(20)})^2m_{110}^{(22)}m_{111}^{(10)} - (m_{010}^{(20)})^2m_{101}^{(00)}m_{021}^{(21)} + 2(m_{010}^{(20)})^2m_{101}^{(10)}m_{021}^{(20)}\\
&+(m_{010}^{(20)})^2m_{101}^{(20)}m_{120}^{(21)} - (m_{010}^{(20)})^2m_{101}^{(20)}m_{021}^{(10)} - 2(m_{010}^{(20)})^2m_{101}^{(21)}m_{120}^{(20)}\\
&+(m_{010}^{(20)})^2m_{101}^{(22)}m_{120}^{(10)} - (m_{010}^{(20)})^2m_{011}^{(00)}m_{111}^{(21)} + 2(m_{010}^{(20)})^2m_{011}^{(10)}m_{201}^{(21)}\\
&+2(m_{010}^{(20)})^2m_{011}^{(10)}m_{111}^{(20)} - 4(m_{010}^{(20)})^2m_{011}^{(11)}m_{201}^{(20)} - (m_{010}^{(20)})^2m_{011}^{(20)}m_{210}^{(21)}\\
&-(m_{010}^{(20)})^2m_{011}^{(20)}m_{111}^{(10)} + 2(m_{010}^{(20)})^2m_{011}^{(21)}m_{210}^{(20)} + 2(m_{010}^{(20)})^2m_{011}^{(21)}m_{201}^{(10)}\\
&-(m_{010}^{(20)})^2m_{011}^{(22)}m_{210}^{(10)} + (m_{010}^{(20)})^2m_{002}^{(00)}m_{120}^{(21)} - (m_{010}^{(20)})^2m_{002}^{(10)}m_{210}^{(21)}\\
&-2(m_{010}^{(20)})^2m_{002}^{(10)}m_{120}^{(20)} + 2(m_{010}^{(20)})^2m_{002}^{(11)}m_{210}^{(20)} + (m_{010}^{(20)})^2m_{002}^{(20)}m_{120}^{(10)}\\
&-(m_{010}^{(20)})^2m_{002}^{(21)}m_{210}^{(10)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(00)}m_{012}^{(21)} + m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(10)}m_{102}^{(21)}\\
&+5m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(20)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(11)}m_{102}^{(20)} + m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(20)}m_{111}^{(21)}\\
&-m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(20)}m_{021}^{(20)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(10)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(20)}\\
&+m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{102}^{(10)} - m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{012}^{(00)} + m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(22)}m_{111}^{(10)}\\
&+m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(22)}m_{021}^{(00)} + m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(00)}m_{102}^{(21)} + m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(00)}m_{012}^{(20)}\\
&-4m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{102}^{(20)} - m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(21)} + m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(20)}\\
&+m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(10)} - m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{012}^{(00)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{201}^{(20)}\\
&+2m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{102}^{(00)} - m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(22)}m_{201}^{(10)} - m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(22)}m_{111}^{(00)}\\
&+3m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(00)}m_{111}^{(21)} - m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(00)}m_{021}^{(20)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{201}^{(21)}\\
&-6m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(20)} + 4m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(11)}m_{201}^{(20)} - m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{210}^{(21)}\\
&+m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(20)} + 3m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(10)} + m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{021}^{(00)}\\
&+2m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{210}^{(20)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{201}^{(10)} - m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(22)}m_{210}^{(10)}
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\begin{aligned}
&-m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(22)}m_{120}^{(00)} - m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{201}^{(21)} - m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{111}^{(20)}\\
&+4m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(20)} + m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{300}^{(21)} - m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(20)}\\
&-m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(10)} + m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{111}^{(00)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{300}^{(20)}\\
&-2m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(00)} + m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(22)}m_{300}^{(10)} + m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(22)}m_{210}^{(00)}\\
&-m_{010}^{(20)}m_{010}^{(21)}m_{002}^{(00)}m_{210}^{(21)} + m_{010}^{(20)}m_{010}^{(21)}m_{002}^{(00)}m_{120}^{(20)} + m_{010}^{(20)}m_{010}^{(21)}m_{002}^{(10)}m_{300}^{(21)}\\
&+m_{010}^{(20)}m_{010}^{(21)}m_{002}^{(10)}m_{210}^{(20)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{002}^{(11)}m_{300}^{(20)} - m_{010}^{(20)}m_{010}^{(21)}m_{002}^{(20)}m_{210}^{(10)}\\
&-m_{010}^{(20)}m_{010}^{(21)}m_{002}^{(20)}m_{120}^{(00)} + m_{010}^{(20)}m_{010}^{(21)}m_{002}^{(21)}m_{300}^{(10)} + m_{010}^{(20)}m_{010}^{(21)}m_{002}^{(21)}m_{210}^{(00)}\\
&+m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(00)}m_{021}^{(21)} - m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(10)}m_{111}^{(21)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(10)}m_{021}^{(20)}\\
&-m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(10)}m_{012}^{(10)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(11)}m_{111}^{(20)} + m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(11)}m_{012}^{(00)}\\
&+2m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(10)} - m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(10)} - m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{021}^{(00)}\\
&-m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(00)}m_{111}^{(21)} - m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(00)}m_{012}^{(10)} + m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{201}^{(21)}\\
&+2m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(20)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{102}^{(10)} + m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{012}^{(00)}\\
&-2m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(11)}m_{201}^{(20)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(11)}m_{102}^{(00)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(10)}\\
&+m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(10)} + m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(00)} - m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(00)}m_{120}^{(21)}\\
&+m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(00)}m_{021}^{(10)} + m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(10)}m_{210}^{(21)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(10)}m_{120}^{(20)}\\
&-m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(10)}m_{021}^{(00)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(11)}m_{210}^{(20)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(10)}\\
&+m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(10)} + m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(21)}m_{120}^{(00)} + m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(00)}m_{210}^{(21)}\\
&+m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(00)}m_{111}^{(10)} - m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{300}^{(21)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{210}^{(20)}\\
&-2m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{201}^{(10)} - m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{111}^{(00)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(11)}m_{300}^{(20)}\\
&+2m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(11)}m_{201}^{(00)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(10)} - m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(21)}m_{300}^{(10)}\\
&-m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(21)}m_{210}^{(00)} - m_{010}^{(20)}m_{010}^{(22)}m_{002}^{(00)}m_{120}^{(10)} + m_{010}^{(20)}m_{010}^{(22)}m_{002}^{(10)}m_{210}^{(10)}\\
&+m_{010}^{(20)}m_{010}^{(22)}m_{002}^{(10)}m_{120}^{(00)} - m_{010}^{(20)}m_{010}^{(22)}m_{002}^{(11)}m_{210}^{(00)} - m_{010}^{(20)}m_{001}^{(00)}m_{200}^{(11)}m_{012}^{(21)}\\
&+m_{010}^{(20)}m_{001}^{(00)}m_{200}^{(21)}m_{021}^{(21)} + m_{010}^{(20)}m_{001}^{(00)}m_{200}^{(21)}m_{012}^{(11)} - m_{010}^{(20)}m_{001}^{(00)}m_{200}^{(22)}m_{021}^{(11)}\\
&-2m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(10)}m_{012}^{(21)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(11)}m_{102}^{(21)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(11)}m_{012}^{(20)}\\
&+m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(20)}m_{021}^{(21)} + m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(20)}m_{012}^{(11)} - m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{111}^{(21)}\\
&-2m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{102}^{(11)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{021}^{(20)} - m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(22)}m_{111}^{(11)} + m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(22)}m_{021}^{(10)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(10)}m_{021}^{(21)}\\
&-2m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(11)}m_{021}^{(20)} - m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(20)}m_{030}^{(21)} - m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(20)}m_{021}^{(11)}\\
&-m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(21)}m_{120}^{(21)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(21)}m_{030}^{(20)} + m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(22)}m_{120}^{(11)} - m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(22)}m_{030}^{(10)} + m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(10)}m_{102}^{(21)}\\
&-2m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(11)}m_{102}^{(20)} - m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(20)}m_{111}^{(21)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{111}^{(20)}\\
&+m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(10)} - m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(22)}m_{111}^{(10)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{201}^{(21)}\\
&+2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{111}^{(20)} + m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(20)}m_{120}^{(21)} - m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(11)}\\
&+m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{210}^{(21)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{201}^{(11)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{120}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(10)} - m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(22)}m_{210}^{(11)} + m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(22)}m_{120}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(10)}m_{120}^{(21)} + m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(11)}m_{210}^{(21)} + m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(20)}m_{120}^{(11)}\\
&-m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(21)}m_{210}^{(11)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(10)}m_{012}^{(21)} - m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(11)}m_{012}^{(20)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(20)}m_{021}^{(21)} + m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(20)} - m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(10)}
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\begin{aligned}
&+m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(22)}m_{021}^{(10)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(00)}m_{012}^{(21)} - 3m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(21)}\\
&-m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(20)} + m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(21)} - m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(20)} + 3m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(10)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(10)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(00)}m_{021}^{(21)} - m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(21)} + m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(20)}\\
&+2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(20)} + 3m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{120}^{(21)} + m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(10)}\\
&-3m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(20)} - m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(10)} - m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(00)}m_{102}^{(21)}\\
&+2m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(20)} + m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{201}^{(21)} - m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(10)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{201}^{(20)} + m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(22)}m_{201}^{(10)} + 3m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(21)}\\
&-3m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(20)} - 3m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(21)} + 3m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(10)}\\
&+3m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{210}^{(20)} - 3m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(10)} + m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(00)}m_{120}^{(21)}\\
&-m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{210}^{(21)} + m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{120}^{(20)} - m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(11)}m_{210}^{(20)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(10)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(21)}m_{210}^{(10)} - m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(00)}m_{012}^{(21)}\\
&+m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(20)} + m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(20)}m_{111}^{(21)} + m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(20)}m_{021}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(10)} - 2m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(21)}m_{111}^{(20)} + m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(21)}m_{012}^{(00)}\\
&+m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(22)}m_{111}^{(10)} - m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(22)}m_{021}^{(00)} + m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(00)}m_{102}^{(21)}\\
&-m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(00)}m_{012}^{(20)} - m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{201}^{(21)} - m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(20)}\\
&+m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(10)} + m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{012}^{(00)} + 2m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{201}^{(20)}\\
&-2m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{102}^{(00)} - m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(22)}m_{201}^{(10)} + m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(22)}m_{111}^{(00)}\\
&+m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(00)}m_{111}^{(21)} + m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(00)}m_{021}^{(20)} - 2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{210}^{(21)} - m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{120}^{(20)} + m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{021}^{(00)} + 2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{210}^{(20)} - m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(22)}m_{210}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(22)}m_{120}^{(00)} - m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(00)}m_{201}^{(21)} + m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(00)}m_{111}^{(20)}\\
&+m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{300}^{(21)} + m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{210}^{(20)} - m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(00)} - 2m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(21)}m_{300}^{(20)} + 2m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(21)}m_{201}^{(00)}\\
&+m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(22)}m_{300}^{(10)} - m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(22)}m_{210}^{(00)} - m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(00)}m_{120}^{(20)}\\
&+m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(10)}m_{210}^{(20)} + m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(20)}m_{120}^{(00)} - m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(21)}m_{210}^{(00)}\\
&-m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(21)} - m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(10)}m_{012}^{(11)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(20)}\\
&+m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(11)}m_{012}^{(10)} + m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(20)}m_{030}^{(21)} + m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(20)}m_{021}^{(11)}\\
&-2m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(21)}m_{030}^{(20)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(10)} + m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(22)}m_{030}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(00)}m_{021}^{(21)} - m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(00)}m_{012}^{(11)} + 3m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(21)}\\
&+2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{102}^{(11)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(20)} + m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(10)}\\
&-6m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(20)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{102}^{(10)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(21)}\\
&-m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(11)} - m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(10)} + 4m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(20)}\\
&+4m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(10)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(22)}m_{120}^{(10)} + m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(00)}m_{030}^{(21)}\\
&+m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(00)}m_{021}^{(11)} - m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(21)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(10)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(20)} - m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(11)}\\
&+m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(10)} + m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(21)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(21)}\\
&-2m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(20)} + 4m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(20)} + m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(21)}
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&+m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(10)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{210}^{(20)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(22)}m_{210}^{(10)} - m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(21)} + m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(00)}m_{111}^{(11)}\\
&+m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(21)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(11)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(10)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(20)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{201}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(11)} - m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(10)} - m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(00)}m_{120}^{(11)}\\
&+m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(10)}m_{210}^{(11)} + m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(10)}m_{120}^{(10)} - m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(11)}m_{210}^{(10)}\\
&+2m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(21)} - m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(21)} - 4m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(20)}\\
&+m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(10)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(20)} - m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{012}^{(00)}\\
&-m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{120}^{(21)} + m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(10)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(10)} + m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(00)} - m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(22)}m_{120}^{(10)}\\
&-3m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(21)} + m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{012}^{(10)} + m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(21)}\\
&+6m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(20)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(10)} - m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{012}^{(00)}\\
&-2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(20)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{102}^{(00)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(21)}\\
&-2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(10)} - 4m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(20)} + m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(00)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(10)} - m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(21)}\\
&-m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(00)}m_{021}^{(10)} + m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(21)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(20)}\\
&+m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(00)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(20)} + m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(00)} + m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(21)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{300}^{(21)} + m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(10)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{300}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(22)}m_{300}^{(10)} + m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(21)} - m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(21)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(20)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(00)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{300}^{(20)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{201}^{(00)}\\
&-m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(10)} + m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(00)} + m_{010}^{(20)}m_{001}^{(21)}m_{002}^{(00)}m_{120}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(21)}m_{002}^{(10)}m_{210}^{(10)} - m_{010}^{(20)}m_{001}^{(21)}m_{002}^{(10)}m_{120}^{(00)} + m_{010}^{(20)}m_{001}^{(21)}m_{002}^{(11)}m_{210}^{(00)}\\
&-m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(21)} + m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(21)} + 2m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(20)}\\
&-2m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(20)} - m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(10)} + m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(10)}\\
&+2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(21)} - 2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(21)} - 4m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(20)}\\
&+4m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(20)} + 2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(10)} - 2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(21)} + m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(21)} + 2m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(20)}\\
&-2m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(20)} - m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(10)} + m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(10)}\\
&-2(m_{010}^{(21)})^2m_{200}^{(00)}m_{012}^{(20)} + (m_{010}^{(21)})^2m_{200}^{(10)}m_{102}^{(20)} + (m_{010}^{(21)})^2m_{200}^{(20)}m_{111}^{(20)}\\
&+2(m_{010}^{(21)})^2m_{200}^{(20)}m_{012}^{(00)} - (m_{010}^{(21)})^2m_{200}^{(21)}m_{102}^{(00)} - (m_{010}^{(21)})^2m_{200}^{(22)}m_{111}^{(00)}\\
&+(m_{010}^{(21)})^2m_{110}^{(00)}m_{102}^{(20)} - (m_{010}^{(21)})^2m_{110}^{(20)}m_{201}^{(20)} - (m_{010}^{(21)})^2m_{110}^{(20)}m_{102}^{(00)}\\
&+(m_{010}^{(21)})^2m_{110}^{(22)}m_{201}^{(00)} + 3(m_{010}^{(21)})^2m_{101}^{(00)}m_{111}^{(20)} - 2(m_{010}^{(21)})^2m_{101}^{(10)}m_{201}^{(20)}\\
&-(m_{010}^{(21)})^2m_{101}^{(20)}m_{210}^{(20)} - 3(m_{010}^{(21)})^2m_{101}^{(20)}m_{111}^{(00)} + 2(m_{010}^{(21)})^2m_{101}^{(21)}m_{201}^{(00)}\\
&+(m_{010}^{(21)})^2m_{101}^{(22)}m_{210}^{(00)} - (m_{010}^{(21)})^2m_{011}^{(00)}m_{201}^{(20)} + (m_{010}^{(21)})^2m_{011}^{(20)}m_{300}^{(20)}\\
&+(m_{010}^{(21)})^2m_{011}^{(20)}m_{201}^{(00)} - (m_{010}^{(21)})^2m_{011}^{(22)}m_{300}^{(00)} - (m_{010}^{(21)})^2m_{002}^{(00)}m_{210}^{(20)}\\
&+(m_{010}^{(21)})^2m_{002}^{(10)}m_{300}^{(20)} + (m_{010}^{(21)})^2m_{002}^{(20)}m_{210}^{(00)} - (m_{010}^{(21)})^2m_{002}^{(21)}m_{300}^{(00)}
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\begin{aligned}
&+m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(00)}m_{021}^{(20)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(00)}m_{012}^{(10)} - m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{111}^{(20)}\\
&-m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{102}^{(10)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{012}^{(00)} + m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(11)}m_{102}^{(00)}\\
&-m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{111}^{(10)} - m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(00)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(00)}\\
&-m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(00)}m_{111}^{(20)} - m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(00)}m_{102}^{(10)} + m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{201}^{(20)}\\
&+m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{102}^{(00)} + m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{201}^{(10)} + m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(00)}\\
&-2m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(00)} - m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(00)}m_{120}^{(20)} - 3m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(00)}m_{111}^{(10)}\\
&+m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{210}^{(20)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{201}^{(10)} + 3m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(00)}\\
&-2m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(11)}m_{201}^{(00)} + m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(20)}m_{210}^{(10)} + m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(00)}\\
&-2m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(00)} + m_{010}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{210}^{(20)} + m_{010}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{201}^{(10)}\\
&-m_{010}^{(21)}m_{010}^{(22)}m_{011}^{(10)}m_{300}^{(20)} - m_{010}^{(21)}m_{010}^{(22)}m_{011}^{(10)}m_{201}^{(00)} - m_{010}^{(21)}m_{010}^{(22)}m_{011}^{(20)}m_{300}^{(10)}\\
&-m_{010}^{(21)}m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(00)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{011}^{(21)}m_{300}^{(00)} + m_{010}^{(21)}m_{010}^{(22)}m_{002}^{(00)}m_{210}^{(10)}\\
&-m_{010}^{(21)}m_{010}^{(22)}m_{002}^{(10)}m_{300}^{(10)} - m_{010}^{(21)}m_{010}^{(22)}m_{002}^{(10)}m_{210}^{(00)} + m_{010}^{(21)}m_{010}^{(22)}m_{002}^{(11)}m_{300}^{(00)}\\
&+2m_{010}^{(21)}m_{001}^{(00)}m_{200}^{(10)}m_{012}^{(21)} - m_{010}^{(21)}m_{001}^{(00)}m_{200}^{(11)}m_{102}^{(21)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{200}^{(20)}m_{012}^{(11)}\\
&-m_{010}^{(21)}m_{001}^{(00)}m_{200}^{(21)}m_{111}^{(21)} + m_{010}^{(21)}m_{001}^{(00)}m_{200}^{(21)}m_{102}^{(11)} + m_{010}^{(21)}m_{001}^{(00)}m_{200}^{(22)}m_{111}^{(11)}\\
&-m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(10)}m_{102}^{(21)} - m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(10)}m_{012}^{(20)} + m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{102}^{(11)}\\
&+m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{021}^{(20)} + m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{201}^{(21)} + m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(22)}m_{201}^{(11)} - m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(22)}m_{021}^{(00)} - 3m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(10)}m_{111}^{(21)}\\
&+m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(10)}m_{021}^{(20)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(11)}m_{201}^{(21)} + 3m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(20)}m_{111}^{(11)}\\
&-m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(20)}m_{030}^{(20)} + m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{210}^{(21)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{201}^{(11)}\\
&-m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(00)} - m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(22)}m_{210}^{(11)} + m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(22)}m_{030}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(10)}m_{102}^{(20)} - m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(20)}m_{111}^{(20)} - m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(22)}m_{111}^{(00)} + m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{201}^{(21)} - m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(20)}\\
&-m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{201}^{(11)} + m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{120}^{(20)} - m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{300}^{(21)}\\
&+m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(00)} + m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(22)}m_{300}^{(11)} - m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(22)}m_{120}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(00)}m_{002}^{(10)}m_{210}^{(21)} - m_{010}^{(21)}m_{001}^{(00)}m_{002}^{(11)}m_{300}^{(21)} - m_{010}^{(21)}m_{001}^{(00)}m_{002}^{(20)}m_{210}^{(11)}\\
&+m_{010}^{(21)}m_{001}^{(00)}m_{002}^{(21)}m_{300}^{(11)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(00)}m_{012}^{(21)} + m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(10)}m_{102}^{(21)}\\
&-m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(10)}m_{012}^{(20)} + m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(11)}m_{102}^{(20)} + m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{111}^{(21)}\\
&-m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{021}^{(20)} + 4m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{012}^{(10)} + m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{111}^{(20)}\\
&-2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{102}^{(10)} - m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(00)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(22)}m_{111}^{(10)}\\
&+m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(22)}m_{021}^{(00)} + m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(00)}m_{102}^{(21)} + m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(00)}m_{012}^{(20)}\\
&-m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{201}^{(21)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{102}^{(10)} - m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{201}^{(20)} + m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(00)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(22)}m_{201}^{(10)}\\
&+3m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{111}^{(21)} - m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{021}^{(20)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{201}^{(21)}\\
&+2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(20)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(11)}m_{201}^{(20)} - m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{210}^{(21)}\\
&+2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{120}^{(20)} - 6m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(10)} + m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{210}^{(20)} + 4m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{201}^{(10)} + m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(00)}\\
&+2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(22)}m_{210}^{(10)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(22)}m_{120}^{(00)} - m_{010}^{(21)}m_{001}^{(10)}m_{020}^{(00)}m_{102}^{(20)}\\
&+m_{010}^{(21)}m_{001}^{(10)}m_{020}^{(20)}m_{201}^{(20)} + m_{010}^{(21)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(00)} - m_{010}^{(21)}m_{001}^{(10)}m_{020}^{(22)}m_{201}^{(00)}
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\begin{aligned}
&-m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{201}^{(21)}+m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{111}^{(20)}+m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{300}^{(21)}\\
&-2m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(20)}+2m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(10)}-m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{300}^{(20)}-m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(00)}-2m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(22)}m_{300}^{(10)}\\
&+2m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(22)}m_{210}^{(00)}-m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(00)}m_{210}^{(21)}+m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{300}^{(21)}\\
&-m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{210}^{(20)}+m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(11)}m_{300}^{(20)}+2m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(20)}m_{210}^{(10)}\\
&-2m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(21)}m_{300}^{(10)}+m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(00)}m_{012}^{(20)}-m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{102}^{(20)}\\
&-m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(00)}+m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(00)}-2m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{111}^{(20)}\\
&+2m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(20)}+2m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(00)}-2m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(11)}m_{002}^{(00)}m_{210}^{(20)}-m_{010}^{(21)}m_{001}^{(11)}m_{002}^{(10)}m_{300}^{(20)}-m_{010}^{(21)}m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(11)}m_{002}^{(21)}m_{300}^{(00)}+2m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(00)}m_{012}^{(11)}-m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{102}^{(11)}\\
&-m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(20)}-2m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{012}^{(10)}+m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{102}^{(10)}\\
&-m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{111}^{(11)}+m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{030}^{(20)}+m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{111}^{(10)}\\
&+m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(00)}-m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(22)}m_{030}^{(00)}-m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{102}^{(11)}\\
&-m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{021}^{(20)}+3m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(20)}+m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{102}^{(10)}\\
&+m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{201}^{(11)}-2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(20)}+m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{201}^{(10)}-3m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(00)}+2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(22)}m_{120}^{(00)}\\
&-3m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(00)}m_{111}^{(11)}+m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(00)}m_{030}^{(20)}+2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{201}^{(11)}\\
&-m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(20)}+3m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(10)}-2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{201}^{(10)}\\
&+m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(20)}m_{210}^{(11)}-m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(00)}-m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(21)}m_{210}^{(10)}\\
&+m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(00)}+m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(20)}-2m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(20)}\\
&+m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(20)}-m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(00)}+2m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(22)}m_{210}^{(00)}+m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{201}^{(11)}-m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(20)}\\
&+m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(20)}-m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(10)}-m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(20)}m_{300}^{(11)}\\
&+m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(00)}+m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(21)}m_{300}^{(10)}-m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(20)}m_{002}^{(00)}m_{210}^{(11)}-m_{010}^{(21)}m_{001}^{(20)}m_{002}^{(10)}m_{300}^{(11)}-m_{010}^{(21)}m_{001}^{(20)}m_{002}^{(10)}m_{210}^{(10)}\\
&+m_{010}^{(21)}m_{001}^{(20)}m_{002}^{(11)}m_{300}^{(10)}+2m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(20)}-2m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{012}^{(10)}\\
&-m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(20)}+m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{102}^{(10)}+2m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(11)}m_{102}^{(00)}-m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{120}^{(20)}+m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(10)}\\
&-2m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(00)}+m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(22)}m_{120}^{(00)}-3m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(20)}\\
&+m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{102}^{(10)}+m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(20)}-m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(00)}\\
&+2m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(20)}-m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(10)}+3m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(00)}\\
&-2m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(00)}-m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(20)}+3m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(10)}\\
&+m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(20)}-2m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{201}^{(10)}-3m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(00)}\\
&+2m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(00)}-m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(10)}+m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(20)}-m_{010}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{300}^{(20)}-m_{010}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(21)}m_{020}^{(22)}m_{300}^{(00)}+m_{010}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(20)}-m_{010}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{201}^{(10)}\\
&-m_{010}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(20)}+m_{010}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(00)}+m_{010}^{(21)}m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(10)}\\
&-m_{010}^{(21)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(00)}-m_{010}^{(21)}m_{001}^{(21)}m_{002}^{(00)}m_{210}^{(10)}+m_{010}^{(21)}m_{001}^{(21)}m_{002}^{(10)}m_{300}^{(10)}
\end{aligned}
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\begin{aligned}
&+m_{010}^{(21)}m_{001}^{(21)}m_{002}^{(10)}m_{210}^{(00)} - m_{010}^{(21)}m_{001}^{(21)}m_{002}^{(11)}m_{300}^{(00)} - m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(20)}\\
&+m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(20)} + m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(00)} - m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(00)}\\
&+2m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(20)} - 2m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(20)} - 2m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(00)}\\
&+2m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(00)} - m_{010}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(20)} + m_{010}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(20)}\\
&+m_{010}^{(21)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(00)} - m_{010}^{(21)}m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(00)} - (m_{010}^{(22)})^2m_{200}^{(00)}m_{021}^{(10)}\\
&+(m_{010}^{(22)})^2m_{200}^{(10)}m_{111}^{(10)} + (m_{010}^{(22)})^2m_{200}^{(10)}m_{021}^{(00)} - (m_{010}^{(22)})^2m_{200}^{(11)}m_{111}^{(00)}\\
&+(m_{010}^{(22)})^2m_{110}^{(00)}m_{111}^{(10)} - (m_{010}^{(22)})^2m_{110}^{(10)}m_{201}^{(10)} - (m_{010}^{(22)})^2m_{110}^{(10)}m_{111}^{(00)}\\
&+(m_{010}^{(22)})^2m_{110}^{(11)}m_{201}^{(00)} + (m_{010}^{(22)})^2m_{101}^{(00)}m_{120}^{(10)} - (m_{010}^{(22)})^2m_{101}^{(10)}m_{210}^{(10)}\\
&-(m_{010}^{(22)})^2m_{101}^{(10)}m_{120}^{(00)} + (m_{010}^{(22)})^2m_{101}^{(11)}m_{210}^{(00)} - (m_{010}^{(22)})^2m_{011}^{(00)}m_{210}^{(10)}\\
&+(m_{010}^{(22)})^2m_{011}^{(10)}m_{300}^{(10)} + (m_{010}^{(22)})^2m_{011}^{(10)}m_{210}^{(00)} - (m_{010}^{(22)})^2m_{011}^{(11)}m_{300}^{(00)}\\
&-m_{010}^{(22)}m_{001}^{(00)}m_{200}^{(10)}m_{021}^{(21)} + m_{010}^{(22)}m_{001}^{(00)}m_{200}^{(11)}m_{111}^{(21)} + m_{010}^{(22)}m_{001}^{(00)}m_{200}^{(20)}m_{021}^{(11)}\\
&-m_{010}^{(22)}m_{001}^{(00)}m_{200}^{(21)}m_{111}^{(11)} + m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(10)}m_{111}^{(21)} + m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(10)}m_{012}^{(10)}\\
&-m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(11)}m_{201}^{(21)} - m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(11)}m_{012}^{(00)} - m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(20)}m_{111}^{(11)}\\
&-m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(20)}m_{021}^{(10)} + m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(21)}m_{201}^{(11)} + m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(21)}m_{021}^{(00)}\\
&+m_{010}^{(22)}m_{001}^{(00)}m_{101}^{(10)}m_{120}^{(21)} - m_{010}^{(22)}m_{001}^{(00)}m_{101}^{(10)}m_{021}^{(10)} - m_{010}^{(22)}m_{001}^{(00)}m_{101}^{(11)}m_{210}^{(21)}\\
&+m_{010}^{(22)}m_{001}^{(00)}m_{101}^{(11)}m_{021}^{(00)} - m_{010}^{(22)}m_{001}^{(00)}m_{101}^{(20)}m_{120}^{(11)} + m_{010}^{(22)}m_{001}^{(00)}m_{101}^{(20)}m_{030}^{(10)}\\
&+m_{010}^{(22)}m_{001}^{(00)}m_{101}^{(21)}m_{210}^{(11)} - m_{010}^{(22)}m_{001}^{(00)}m_{101}^{(21)}m_{030}^{(00)} - m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(10)}m_{102}^{(10)}\\
&+m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(11)}m_{102}^{(00)} + m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(20)}m_{111}^{(10)} - m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(21)}m_{111}^{(00)}\\
&-m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(10)}m_{210}^{(21)} + m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(10)} + m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(11)}m_{300}^{(21)}\\
&-m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(11)}m_{111}^{(00)} + m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(20)}m_{210}^{(11)} - m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(20)}m_{120}^{(10)}\\
&-m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(21)}m_{300}^{(11)} + m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(21)}m_{120}^{(00)} + m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(00)}m_{021}^{(21)}\\
&-m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(10)}m_{111}^{(21)} + m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(10)}m_{021}^{(20)} - m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(10)}m_{012}^{(10)}\\
&-m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(11)}m_{111}^{(20)} + m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(11)}m_{012}^{(00)} - m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(20)}m_{021}^{(10)}\\
&+2m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(21)}m_{111}^{(10)} - m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(00)} - m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(00)}m_{111}^{(21)}\\
&-m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(00)}m_{012}^{(10)} + m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{201}^{(21)} - m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{111}^{(20)}\\
&+m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(10)} + m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(00)} + m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(11)}m_{201}^{(20)}\\
&-m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(11)}m_{102}^{(00)} + 2m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(10)} - 2m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(21)}m_{201}^{(10)}\\
&-m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(00)}m_{120}^{(21)} + m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(00)}m_{021}^{(10)} + m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(10)}m_{210}^{(21)}\\
&-m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(10)}m_{120}^{(20)} + m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(10)} - m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(00)}\\
&+m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(11)}m_{210}^{(20)} - m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(00)} - 2m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(21)}m_{210}^{(10)}\\
&+2m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(00)} + m_{010}^{(22)}m_{001}^{(10)}m_{020}^{(00)}m_{102}^{(10)} - m_{010}^{(22)}m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(00)}\\
&-m_{010}^{(22)}m_{001}^{(10)}m_{020}^{(20)}m_{201}^{(10)} + m_{010}^{(22)}m_{001}^{(10)}m_{020}^{(21)}m_{201}^{(00)} + m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(00)}m_{210}^{(21)}\\
&-m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(00)}m_{111}^{(10)} - m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(10)}m_{300}^{(21)} + m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(10)}m_{210}^{(20)}\\
&-m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(10)} + m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(00)} - m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(11)}m_{300}^{(20)}\\
&+m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(11)}m_{201}^{(00)} + 2m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(21)}m_{300}^{(10)} - 2m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(21)}m_{210}^{(00)}\\
&-m_{010}^{(22)}m_{001}^{(11)}m_{200}^{(00)}m_{021}^{(20)} + m_{010}^{(22)}m_{001}^{(11)}m_{200}^{(00)}m_{012}^{(10)} + m_{010}^{(22)}m_{001}^{(11)}m_{200}^{(10)}m_{111}^{(20)}\\
&-m_{010}^{(22)}m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(00)} - m_{010}^{(22)}m_{001}^{(11)}m_{200}^{(20)}m_{111}^{(10)} + m_{010}^{(22)}m_{001}^{(11)}m_{200}^{(20)}m_{021}^{(00)}\\
&+m_{010}^{(22)}m_{001}^{(11)}m_{110}^{(00)}m_{111}^{(20)} - m_{010}^{(22)}m_{001}^{(11)}m_{110}^{(00)}m_{102}^{(10)} - m_{010}^{(22)}m_{001}^{(11)}m_{110}^{(10)}m_{201}^{(20)}
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\begin{aligned}
&+m_{010}^{(22)}m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(00)}+m_{010}^{(22)}m_{001}^{(11)}m_{110}^{(20)}m_{201}^{(10)}-m_{010}^{(22)}m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(00)}\\
&+m_{010}^{(22)}m_{001}^{(11)}m_{101}^{(00)}m_{120}^{(20)}-m_{010}^{(22)}m_{001}^{(11)}m_{101}^{(00)}m_{111}^{(10)}-m_{010}^{(22)}m_{001}^{(11)}m_{101}^{(10)}m_{210}^{(20)}\\
&+m_{010}^{(22)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(00)}+m_{010}^{(22)}m_{001}^{(11)}m_{101}^{(20)}m_{210}^{(10)}-m_{010}^{(22)}m_{001}^{(11)}m_{101}^{(20)}m_{120}^{(00)}\\
&-m_{010}^{(22)}m_{001}^{(11)}m_{011}^{(00)}m_{210}^{(20)}+m_{010}^{(22)}m_{001}^{(11)}m_{011}^{(00)}m_{201}^{(10)}+m_{010}^{(22)}m_{001}^{(11)}m_{011}^{(10)}m_{300}^{(20)}\\
&-m_{010}^{(22)}m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(00)}-m_{010}^{(22)}m_{001}^{(11)}m_{011}^{(20)}m_{300}^{(10)}+m_{010}^{(22)}m_{001}^{(11)}m_{011}^{(20)}m_{210}^{(00)}\\
&-m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(00)}m_{021}^{(11)}+m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(10)}m_{111}^{(11)}+2m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(10)}\\
&-m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{111}^{(10)}-m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(00)}-m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(20)}m_{030}^{(10)}\\
&+m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(21)}m_{030}^{(00)}+m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(00)}m_{111}^{(11)}+m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(00)}m_{021}^{(10)}\\
&-m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{201}^{(11)}-4m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(10)}-m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(00)}\\
&+m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{201}^{(10)}+3m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(00)}+2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(10)}\\
&-2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(00)}+m_{010}^{(22)}m_{001}^{(20)}m_{101}^{(00)}m_{120}^{(11)}-m_{010}^{(22)}m_{001}^{(20)}m_{101}^{(00)}m_{030}^{(10)}\\
&-m_{010}^{(22)}m_{001}^{(20)}m_{101}^{(10)}m_{210}^{(11)}+m_{010}^{(22)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(00)}+m_{010}^{(22)}m_{001}^{(20)}m_{101}^{(11)}m_{210}^{(10)}\\
&-m_{010}^{(22)}m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(00)}-m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(10)}+2m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(10)}\\
&+m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(00)}-2m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(00)}-m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(10)}\\
&+m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(21)}m_{210}^{(00)}-m_{010}^{(22)}m_{001}^{(20)}m_{011}^{(00)}m_{211}^{(11)}+m_{010}^{(22)}m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(10)}\\
&+m_{010}^{(22)}m_{001}^{(20)}m_{011}^{(10)}m_{300}^{(11)}-m_{010}^{(22)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(00)}-m_{010}^{(22)}m_{001}^{(20)}m_{011}^{(11)}m_{300}^{(10)}\\
&+m_{010}^{(22)}m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(00)}-m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(10)}+m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(00)}\\
&+m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(20)}m_{120}^{(10)}-m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(00)}+2m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(10)}\\
&-2m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(00)}-2m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(10)}+2m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(00)}\\
&-m_{010}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(10)}+m_{010}^{(22)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(00)}+m_{010}^{(22)}m_{001}^{(21)}m_{020}^{(20)}m_{300}^{(10)}\\
&-m_{010}^{(22)}m_{001}^{(21)}m_{020}^{(21)}m_{300}^{(00)}+m_{010}^{(22)}m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(10)}-m_{010}^{(22)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(00)}\\
&-m_{010}^{(22)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(00)}+m_{010}^{(22)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(00)}-2m_{010}^{(22)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(10)}\\
&+2m_{010}^{(22)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(10)}+2m_{010}^{(22)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(00)}-2m_{010}^{(22)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(00)}\\
&+m_{010}^{(22)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(10)}-m_{010}^{(22)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(10)}-m_{010}^{(22)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(00)}\\
&+m_{010}^{(22)}m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(00)}+(m_{001}^{(00)})^2m_{110}^{(11)}m_{012}^{(21)}-(m_{001}^{(00)})^2m_{110}^{(21)}m_{021}^{(11)}\\
&-(m_{001}^{(00)})^2m_{110}^{(21)}m_{012}^{(11)}+(m_{001}^{(00)})^2m_{110}^{(22)}m_{021}^{(11)}-(m_{001}^{(00)})^2m_{101}^{(11)}m_{021}^{(21)}\\
&+(m_{001}^{(00)})^2m_{101}^{(21)}m_{030}^{(11)}+(m_{001}^{(00)})^2m_{101}^{(21)}m_{021}^{(11)}-(m_{001}^{(00)})^2m_{101}^{(22)}m_{030}^{(11)}\\
&-(m_{001}^{(00)})^2m_{020}^{(11)}m_{102}^{(21)}+(m_{001}^{(00)})^2m_{020}^{(21)}m_{111}^{(21)}+(m_{001}^{(00)})^2m_{020}^{(21)}m_{102}^{(11)}\\
&-(m_{001}^{(00)})^2m_{020}^{(22)}m_{111}^{(11)}+(m_{001}^{(00)})^2m_{011}^{(11)}m_{111}^{(21)}-(m_{001}^{(00)})^2m_{011}^{(21)}m_{120}^{(21)}\\
&-(m_{001}^{(00)})^2m_{011}^{(21)}m_{111}^{(11)}+(m_{001}^{(00)})^2m_{011}^{(22)}m_{120}^{(11)}-m_{001}^{(00)}m_{001}^{(10)}m_{200}^{(11)}m_{012}^{(21)}\\
&+m_{001}^{(00)}m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(21)}+m_{001}^{(00)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(11)}-m_{001}^{(00)}m_{001}^{(10)}m_{200}^{(22)}m_{021}^{(11)}\\
&-2m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(21)}+m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(11)}m_{102}^{(21)}-m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(11)}m_{012}^{(20)}\\
&+m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(21)}+m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(11)}-m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(11)}\\
&+m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{021}^{(20)}+2m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(10)}-2m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{021}^{(10)}\\
&+2m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(21)}+m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(21)}+m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(11)}m_{021}^{(20)}\\
&-m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(20)}m_{030}^{(21)}-m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(11)}-2m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(11)}\\
&-m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(20)}-m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{030}^{(20)}-2m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(10)}\\
&+2m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(22)}m_{120}^{(11)}+2m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(22)}m_{030}^{(10)}+2m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(21)}
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\begin{aligned}
&+m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(11)}m_{102}^{(20)} - m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{111}^{(21)} - m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(11)}\\
&-m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{201}^{(21)} - m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{111}^{(20)} - 2m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{102}^{(10)}\\
&+m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{201}^{(11)} + 2m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{111}^{(10)} - 2m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(21)}\\
&-m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{201}^{(21)} - m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{111}^{(20)} + m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(21)}\\
&+m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(11)} + 2m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{210}^{(21)} + m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(11)}\\
&+m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{120}^{(20)} + 2m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(10)} - 2m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{210}^{(11)}\\
&-2m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{120}^{(10)} + m_{001}^{(00)}m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(21)} - m_{001}^{(00)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(11)}\\
&-m_{001}^{(00)}m_{001}^{(11)}m_{200}^{(21)}m_{111}^{(21)} + m_{001}^{(00)}m_{001}^{(11)}m_{200}^{(22)}m_{111}^{(11)} - m_{001}^{(00)}m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(21)}\\
&+m_{001}^{(00)}m_{001}^{(11)}m_{110}^{(10)}m_{012}^{(20)} + m_{001}^{(00)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(11)} - m_{001}^{(00)}m_{001}^{(11)}m_{110}^{(20)}m_{021}^{(20)}\\
&+m_{001}^{(00)}m_{001}^{(11)}m_{110}^{(21)}m_{201}^{(21)} - m_{001}^{(00)}m_{001}^{(11)}m_{110}^{(21)}m_{012}^{(00)} - m_{001}^{(00)}m_{001}^{(11)}m_{110}^{(22)}m_{201}^{(11)}\\
&+m_{001}^{(00)}m_{001}^{(11)}m_{110}^{(22)}m_{021}^{(00)} - m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(21)} - m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(10)}m_{021}^{(20)}\\
&+m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(11)} + m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(20)}m_{030}^{(20)} + m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{210}^{(21)}\\
&+m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{021}^{(00)} - m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(22)}m_{210}^{(11)} - m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(22)}m_{030}^{(00)}\\
&-m_{001}^{(00)}m_{001}^{(11)}m_{020}^{(10)}m_{102}^{(20)} + m_{001}^{(00)}m_{001}^{(11)}m_{020}^{(20)}m_{111}^{(20)} + m_{001}^{(00)}m_{001}^{(11)}m_{020}^{(21)}m_{102}^{(00)}\\
&-m_{001}^{(00)}m_{001}^{(11)}m_{020}^{(22)}m_{111}^{(00)} + m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(21)} + m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(10)}m_{111}^{(20)}\\
&-m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(11)} - m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{120}^{(20)} - m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{300}^{(21)}\\
&-m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{111}^{(00)} + m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(22)}m_{300}^{(11)} + m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(22)}m_{120}^{(00)}\\
&+m_{001}^{(00)}m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(21)} - m_{001}^{(00)}m_{001}^{(20)}m_{200}^{(21)}m_{030}^{(21)} - m_{001}^{(00)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(11)}\\
&+m_{001}^{(00)}m_{001}^{(20)}m_{200}^{(22)}m_{030}^{(11)} + m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(21)} + m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(11)}\\
&-3m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(21)} - m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(11)}m_{012}^{(10)} - 2m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(11)}\\
&+2m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(21)} + 3m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(11)} + m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(10)}\\
&-2m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(22)}m_{120}^{(11)} - m_{001}^{(00)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(21)} - m_{001}^{(00)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(11)}\\
&+m_{001}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(21)} + m_{001}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{021}^{(10)} + 2m_{001}^{(00)}m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(11)}\\
&-m_{001}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(11)} - m_{001}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{030}^{(10)} - m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(21)}\\
&-m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(11)} + 2m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(21)} + m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{102}^{(10)}\\
&+2m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(11)} - m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{210}^{(21)} - 2m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(11)}\\
&-m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(10)} + m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(22)}m_{210}^{(11)} + m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(21)}\\
&+m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(11)} - m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(21)} - m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{111}^{(10)}\\
&-2m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(11)} + m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(11)} + m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(10)}\\
&-2m_{001}^{(00)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(21)} + m_{001}^{(00)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(21)} + 2m_{001}^{(00)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(11)}\\
&+m_{001}^{(00)}m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(21)} - m_{001}^{(00)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(11)} - m_{001}^{(00)}m_{001}^{(21)}m_{200}^{(22)}m_{120}^{(11)}\\
&+3m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(21)} - m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{012}^{(10)} - m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(21)}\\
&+m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(11)}m_{012}^{(00)} - 3m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(11)} + m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{021}^{(10)}\\
&-2m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(21)} + m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(11)} - m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{021}^{(00)}\\
&+2m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(11)} + m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(21)} + m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(10)}\\
&-m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(21)} - m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{021}^{(00)} - m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(11)}\\
&-m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(20)}m_{030}^{(10)} + m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(11)} + m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{030}^{(00)}\\
&-m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(21)} + m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{102}^{(10)} - m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(11)}m_{102}^{(00)}
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\begin{aligned}
&+m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(11)} - m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{111}^{(10)} + m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{300}^{(21)}\\
&+m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{111}^{(00)} - m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{300}^{(11)} - m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(21)}\\
&-m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(10)} + m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{300}^{(21)} + m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{111}^{(00)}\\
&+m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(11)} + m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{120}^{(10)} - m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(11)}\\
&-m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{120}^{(00)} + m_{001}^{(00)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(21)} - m_{001}^{(00)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(21)}\\
&-m_{001}^{(00)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(11)} + m_{001}^{(00)}m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(11)} - 2m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(21)}\\
&+2m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(21)} + 2m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(11)} - 2m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(11)}\\
&+m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(21)} - m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(21)} - m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(11)}\\
&+m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(11)} + (m_{001}^{(10)})^2m_{200}^{(10)}m_{012}^{(21)} + (m_{001}^{(10)})^2m_{200}^{(11)}m_{012}^{(20)}\\
&-(m_{001}^{(10)})^2m_{200}^{(20)}m_{021}^{(21)} - (m_{001}^{(10)})^2m_{200}^{(21)}m_{021}^{(20)} - 2(m_{001}^{(10)})^2m_{200}^{(21)}m_{012}^{(10)}\\
&+2(m_{001}^{(10)})^2m_{200}^{(22)}m_{021}^{(10)} + (m_{001}^{(10)})^2m_{110}^{(00)}m_{012}^{(21)} - (m_{001}^{(10)})^2m_{110}^{(10)}m_{102}^{(21)}\\
&+(m_{001}^{(10)})^2m_{110}^{(10)}m_{012}^{(20)} - (m_{001}^{(10)})^2m_{110}^{(11)}m_{102}^{(20)} - 2(m_{001}^{(10)})^2m_{110}^{(20)}m_{012}^{(10)}\\
&+2(m_{001}^{(10)})^2m_{110}^{(21)}m_{102}^{(10)} - (m_{001}^{(10)})^2m_{101}^{(00)}m_{021}^{(21)} - (m_{001}^{(10)})^2m_{101}^{(10)}m_{111}^{(21)}\\
&-(m_{001}^{(10)})^2m_{101}^{(10)}m_{021}^{(20)} - (m_{001}^{(10)})^2m_{101}^{(11)}m_{111}^{(20)} + 2(m_{001}^{(10)})^2m_{101}^{(20)}m_{120}^{(21)}\\
&+2(m_{001}^{(10)})^2m_{101}^{(20)}m_{021}^{(10)} + 2(m_{001}^{(10)})^2m_{101}^{(21)}m_{120}^{(20)} + 2(m_{001}^{(10)})^2m_{101}^{(21)}m_{111}^{(10)}\\
&-4(m_{001}^{(10)})^2m_{101}^{(22)}m_{120}^{(10)} - (m_{001}^{(10)})^2m_{020}^{(00)}m_{102}^{(21)} - (m_{001}^{(10)})^2m_{020}^{(10)}m_{102}^{(20)}\\
&+(m_{001}^{(10)})^2m_{020}^{(20)}m_{201}^{(21)} + 2(m_{001}^{(10)})^2m_{020}^{(20)}m_{102}^{(10)} + (m_{001}^{(10)})^2m_{020}^{(21)}m_{201}^{(20)}\\
&-2(m_{001}^{(10)})^2m_{020}^{(22)}m_{201}^{(10)} + (m_{001}^{(10)})^2m_{011}^{(00)}m_{111}^{(21)} + (m_{001}^{(10)})^2m_{011}^{(10)}m_{201}^{(21)}\\
&+(m_{001}^{(10)})^2m_{011}^{(10)}m_{111}^{(20)} + (m_{001}^{(10)})^2m_{011}^{(11)}m_{201}^{(20)} - 2(m_{001}^{(10)})^2m_{011}^{(20)}m_{210}^{(21)}\\
&-2(m_{001}^{(10)})^2m_{011}^{(20)}m_{111}^{(10)} - 2(m_{001}^{(10)})^2m_{011}^{(21)}m_{210}^{(20)} - 2(m_{001}^{(10)})^2m_{011}^{(21)}m_{201}^{(10)}\\
&+4(m_{001}^{(10)})^2m_{011}^{(22)}m_{210}^{(10)} - m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(00)}m_{012}^{(21)} - 2m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(20)}\\
&+m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{111}^{(21)} + m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{021}^{(20)} + 2m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(10)}\\
&+m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{111}^{(20)} + m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{012}^{(00)} - 2m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{111}^{(10)}\\
&-m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{021}^{(00)} + m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(00)}m_{102}^{(21)} - m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(00)}m_{012}^{(20)}\\
&+2m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(20)} - m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{201}^{(21)} - 2m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(10)}\\
&+m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{012}^{(00)} - m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(21)}m_{201}^{(20)} - m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(21)}m_{102}^{(00)}\\
&+2m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{201}^{(10)} + m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{111}^{(21)} + m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{021}^{(20)}\\
&+2m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(20)} - m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{210}^{(21)} - 2m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{120}^{(20)}\\
&-2m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(10)} - m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{021}^{(00)} - m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{210}^{(20)}\\
&-m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(00)} + 2m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{210}^{(10)} + 2m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{120}^{(00)}\\
&+m_{001}^{(10)}m_{001}^{(11)}m_{020}^{(00)}m_{102}^{(20)} - m_{001}^{(10)}m_{001}^{(11)}m_{020}^{(20)}m_{201}^{(20)} - m_{001}^{(10)}m_{001}^{(11)}m_{020}^{(20)}m_{102}^{(00)}\\
&+m_{001}^{(10)}m_{001}^{(11)}m_{020}^{(22)}m_{201}^{(00)} - m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{201}^{(21)} - m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{111}^{(20)}\\
&-2m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(20)} + m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{300}^{(21)} + 2m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{210}^{(20)}\\
&+2m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(10)} + m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(00)} + m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(21)}m_{300}^{(20)}\\
&+m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(21)}m_{201}^{(00)} - 2m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(22)}m_{300}^{(10)} - 2m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(22)}m_{210}^{(00)}\\
&-m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(21)} - m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(10)}m_{012}^{(11)} - m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(20)}\\
&+m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{012}^{(10)} + m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(20)}m_{030}^{(21)} + m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(20)}m_{021}^{(11)}\\
&+m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{030}^{(20)} + m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(10)} - 2m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(22)}m_{030}^{(10)}
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\begin{aligned}
&-m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(00)}m_{021}^{(21)} - m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(00)}m_{012}^{(11)} + 3m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(21)}\\
&+m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{102}^{(11)} - m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(20)} + m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(10)}\\
&+3m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(20)} - m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{102}^{(10)} - 2m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(21)}\\
&+2m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(10)} - 2m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(20)} - 6m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(10)}\\
&+4m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{120}^{(10)} + m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(00)}m_{030}^{(21)} + m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(00)}m_{021}^{(11)}\\
&-m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(21)} + m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(11)} + m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(20)}\\
&-m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(10)} - m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(20)} - m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(10)}\\
&-2m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(11)} - 2m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(10)} + 4m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(10)}\\
&+m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(21)} + m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{102}^{(11)} - 2m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(21)}\\
&+m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(20)} - m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(10)} - 2m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(20)}\\
&+m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(21)} - m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(10)} - 2m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(10)}\\
&+m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{210}^{(20)} + 5m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(10)} - 2m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(22)}m_{210}^{(10)}\\
&-m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(21)} - m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{111}^{(11)} + m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(21)}\\
&-m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(11)} - m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(20)} + m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(10)}\\
&+m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(20)} + m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{201}^{(10)} + 2m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(11)}\\
&+2m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(10)} - 4m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(10)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{001}^{(00)}m_{200}^{(21)}m_{021}^{(10)}\\
&-m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(21)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(20)} + m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(10)}\\
&-m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(20)} - m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{012}^{(00)} - m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{120}^{(21)}\\
&-5m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(10)} - m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(20)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(10)}\\
&+m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(00)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(22)}m_{120}^{(10)} - 3m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(21)}\\
&+m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{012}^{(10)} + m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(21)} - 3m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(20)}\\
&-m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(10)} - m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{012}^{(00)} + m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(20)}\\
&+m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(11)}m_{102}^{(00)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(21)} + 6m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(10)}\\
&+2m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(20)} - 2m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(10)} - 4m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(10)}\\
&-m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(21)} - m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{021}^{(10)} + m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(21)}\\
&-m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(20)} - m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(10)} + m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(00)}\\
&+m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(20)} + m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{111}^{(00)} + 4m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(10)}\\
&-2m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(10)} - 2m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(00)} + m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(21)}\\
&-m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{102}^{(10)} + m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(20)} + m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(10)}m_{102}^{(00)}\\
&-m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{300}^{(21)} - m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(10)} - m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(21)}m_{300}^{(20)}\\
&-m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(21)}m_{201}^{(00)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(22)}m_{300}^{(10)} + m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(21)}\\
&+m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(10)} - m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(21)} + m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(20)}\\
&+m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(10)} - m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(00)} - m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(11)}m_{300}^{(20)}\\
&-m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(11)}m_{201}^{(00)} - 4m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(10)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(10)}\\
&+2m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(00)} - m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(21)} + m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(21)}\\
&-m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(20)} + m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(20)} + 2m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(10)}\\
&-2m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(10)} + 2m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(21)} - 2m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(21)}\\
&+2m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(20)} - 2m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(20)} - 4m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(10)}
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&+4m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(10)} - m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(21)} + m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(21)}\\
&-m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(20)} + m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(20)} + 2m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(10)}\\
&-2m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(10)} + (m_{001}^{(11)})^2m_{200}^{(00)}m_{012}^{(20)} - (m_{001}^{(11)})^2m_{200}^{(20)}m_{111}^{(20)}\\
&-(m_{001}^{(11)})^2m_{200}^{(20)}m_{012}^{(00)} + (m_{001}^{(11)})^2m_{200}^{(22)}m_{111}^{(00)} - (m_{001}^{(11)})^2m_{110}^{(00)}m_{102}^{(20)}\\
&+(m_{001}^{(11)})^2m_{110}^{(20)}m_{201}^{(20)} + (m_{001}^{(11)})^2m_{110}^{(20)}m_{102}^{(00)} - (m_{001}^{(11)})^2m_{110}^{(22)}m_{201}^{(00)}\\
&-(m_{001}^{(11)})^2m_{101}^{(00)}m_{111}^{(20)} + (m_{001}^{(11)})^2m_{101}^{(20)}m_{210}^{(20)} + (m_{001}^{(11)})^2m_{101}^{(20)}m_{111}^{(00)}\\
&-(m_{001}^{(11)})^2m_{101}^{(22)}m_{210}^{(00)} + (m_{001}^{(11)})^2m_{011}^{(00)}m_{201}^{(20)} - (m_{001}^{(11)})^2m_{011}^{(20)}m_{300}^{(20)}\\
&-(m_{001}^{(11)})^2m_{011}^{(20)}m_{201}^{(00)} + (m_{001}^{(11)})^2m_{011}^{(22)}m_{300}^{(00)} + m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(00)}m_{012}^{(11)}\\
&+m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(20)} - m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{012}^{(10)} - m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{111}^{(11)}\\
&-m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{030}^{(20)} + m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{111}^{(10)} - m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(00)}\\
&+m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(22)}m_{030}^{(00)} - m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(00)}m_{102}^{(11)} + m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(00)}m_{021}^{(20)}\\
&-3m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(20)} + m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{102}^{(10)} + m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{201}^{(11)}\\
&+2m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(20)} - m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(00)} - m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{201}^{(10)}\\
&+3m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(00)} - 2m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(22)}m_{120}^{(00)} - m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{111}^{(11)}\\
&-m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{030}^{(20)} + m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(20)} + m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(10)}\\
&+m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{210}^{(11)} + m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(00)} - m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{210}^{(10)}\\
&-m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(00)} - m_{001}^{(11)}m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(20)} + 2m_{001}^{(11)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(20)}\\
&-m_{001}^{(11)}m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(20)} + m_{001}^{(11)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(00)} - 2m_{001}^{(11)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(00)}\\
&+m_{001}^{(11)}m_{001}^{(20)}m_{020}^{(22)}m_{210}^{(00)} + m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{201}^{(11)} + m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(20)}\\
&-m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(20)} - m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(10)} - m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{300}^{(11)}\\
&-m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(00)} + m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{300}^{(10)} + m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(00)}\\
&-2m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(20)} - m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{012}^{(10)} + m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(20)}\\
&+m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(00)} + m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{120}^{(20)} + m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(10)}\\
&+2m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(00)} - 2m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(00)} - m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(22)}m_{120}^{(00)}\\
&+3m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(20)} + m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{102}^{(10)} - m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(20)}\\
&-m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(00)} - 2m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(20)} - m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(10)}\\
&-3m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(00)} + 2m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(00)} + 2m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(00)}\\
&+m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(20)} + m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(10)} - m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(20)}\\
&-m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(00)} - m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(10)} - m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(00)}\\
&+2m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(00)} - m_{001}^{(11)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(20)} + m_{001}^{(11)}m_{001}^{(21)}m_{020}^{(20)}m_{300}^{(20)}\\
&+m_{001}^{(11)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(00)} - m_{001}^{(11)}m_{001}^{(21)}m_{020}^{(22)}m_{300}^{(00)} - m_{001}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(20)}\\
&-m_{001}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{201}^{(10)} + m_{001}^{(11)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(20)} + m_{001}^{(11)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(00)}\\
&+m_{001}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(10)} + m_{001}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(00)} - 2m_{001}^{(11)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(00)}\\
&+m_{001}^{(11)}m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(20)} - m_{001}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(20)} - m_{001}^{(11)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(00)}\\
&+m_{001}^{(11)}m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(00)} - 2m_{001}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(20)} + 2m_{001}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(20)}\\
&+2m_{001}^{(11)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(00)} - 2m_{001}^{(11)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(00)} + m_{001}^{(11)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(20)}\\
&-m_{001}^{(11)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(20)} - m_{001}^{(11)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(00)} + m_{001}^{(11)}m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(00)}\\
&+(m_{001}^{(20)})^2m_{200}^{(10)}m_{021}^{(11)} - (m_{001}^{(20)})^2m_{200}^{(11)}m_{021}^{(10)} - (m_{001}^{(20)})^2m_{200}^{(20)}m_{030}^{(11)}
\end{aligned}
$$

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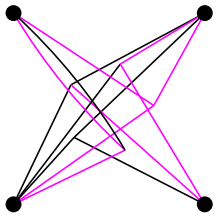
\begin{aligned}
&+(m_{001}^{(20)})^2 m_{200}^{(21)} m_{030}^{(10)} + (m_{001}^{(20)})^2 m_{110}^{(00)} m_{021}^{(11)} - 3(m_{001}^{(20)})^2 m_{110}^{(10)} m_{111}^{(11)} \\
&-(m_{001}^{(20)})^2 m_{110}^{(10)} m_{021}^{(10)} + 3(m_{001}^{(20)})^2 m_{110}^{(11)} m_{111}^{(10)} + 2(m_{001}^{(20)})^2 m_{110}^{(20)} m_{120}^{(11)} \\
&-2(m_{001}^{(20)})^2 m_{110}^{(21)} m_{120}^{(10)} - (m_{001}^{(20)})^2 m_{101}^{(00)} m_{030}^{(11)} + (m_{001}^{(20)})^2 m_{101}^{(10)} m_{120}^{(11)} \\
&+(m_{001}^{(20)})^2 m_{101}^{(10)} m_{030}^{(10)} - (m_{001}^{(20)})^2 m_{101}^{(11)} m_{120}^{(10)} - (m_{001}^{(20)})^2 m_{020}^{(00)} m_{111}^{(11)} \\
&+2(m_{001}^{(20)})^2 m_{020}^{(10)} m_{201}^{(11)} + (m_{001}^{(20)})^2 m_{020}^{(10)} m_{111}^{(10)} - 2(m_{001}^{(20)})^2 m_{020}^{(11)} m_{201}^{(10)} \\
&-(m_{001}^{(20)})^2 m_{020}^{(20)} m_{210}^{(11)} + (m_{001}^{(20)})^2 m_{020}^{(21)} m_{210}^{(10)} + (m_{001}^{(20)})^2 m_{011}^{(00)} m_{120}^{(11)} \\
&-(m_{001}^{(20)})^2 m_{011}^{(10)} m_{210}^{(11)} - (m_{001}^{(20)})^2 m_{011}^{(10)} m_{120}^{(10)} + (m_{001}^{(20)})^2 m_{011}^{(11)} m_{210}^{(10)} \\
&-2m_{001}^{(20)} m_{001}^{(21)} m_{200}^{(00)} m_{021}^{(11)} + m_{001}^{(20)} m_{001}^{(21)} m_{200}^{(10)} m_{111}^{(11)} + m_{001}^{(20)} m_{001}^{(21)} m_{200}^{(10)} m_{021}^{(10)} \\
&-m_{001}^{(20)} m_{001}^{(21)} m_{200}^{(11)} m_{111}^{(10)} + m_{001}^{(20)} m_{001}^{(21)} m_{200}^{(11)} m_{021}^{(00)} + m_{001}^{(20)} m_{001}^{(21)} m_{200}^{(20)} m_{120}^{(11)} \\
&+m_{001}^{(20)} m_{001}^{(21)} m_{200}^{(20)} m_{030}^{(10)} - m_{001}^{(20)} m_{001}^{(21)} m_{200}^{(21)} m_{120}^{(10)} - m_{001}^{(20)} m_{001}^{(21)} m_{200}^{(21)} m_{030}^{(00)} \\
&+3m_{001}^{(20)} m_{001}^{(21)} m_{110}^{(00)} m_{111}^{(11)} - m_{001}^{(20)} m_{001}^{(21)} m_{110}^{(00)} m_{021}^{(10)} - m_{001}^{(20)} m_{001}^{(21)} m_{110}^{(10)} m_{201}^{(11)} \\
&+m_{001}^{(20)} m_{001}^{(21)} m_{110}^{(10)} m_{021}^{(00)} + m_{001}^{(20)} m_{001}^{(21)} m_{110}^{(11)} m_{201}^{(10)} - 3m_{001}^{(20)} m_{001}^{(21)} m_{110}^{(11)} m_{111}^{(00)} \\
&-2m_{001}^{(20)} m_{001}^{(21)} m_{110}^{(20)} m_{210}^{(11)} - 2m_{001}^{(20)} m_{001}^{(21)} m_{110}^{(20)} m_{120}^{(10)} + 2m_{001}^{(20)} m_{001}^{(21)} m_{110}^{(21)} m_{210}^{(10)} \\
&+2m_{001}^{(20)} m_{001}^{(21)} m_{110}^{(21)} m_{120}^{(00)} + m_{001}^{(20)} m_{001}^{(21)} m_{101}^{(00)} m_{120}^{(11)} + m_{001}^{(20)} m_{001}^{(21)} m_{101}^{(00)} m_{030}^{(10)} \\
&-m_{001}^{(20)} m_{001}^{(21)} m_{101}^{(10)} m_{210}^{(11)} - 2m_{001}^{(20)} m_{001}^{(21)} m_{101}^{(10)} m_{120}^{(10)} - m_{001}^{(20)} m_{001}^{(21)} m_{101}^{(10)} m_{030}^{(00)} \\
&+m_{001}^{(20)} m_{001}^{(21)} m_{101}^{(11)} m_{210}^{(10)} + m_{001}^{(20)} m_{001}^{(21)} m_{101}^{(11)} m_{120}^{(00)} - m_{001}^{(20)} m_{001}^{(21)} m_{020}^{(00)} m_{201}^{(11)} \\
&+m_{001}^{(20)} m_{001}^{(21)} m_{020}^{(00)} m_{111}^{(10)} - m_{001}^{(20)} m_{001}^{(21)} m_{020}^{(10)} m_{201}^{(10)} - m_{001}^{(20)} m_{001}^{(21)} m_{020}^{(10)} m_{111}^{(00)} \\
&+2m_{001}^{(20)} m_{001}^{(21)} m_{020}^{(11)} m_{201}^{(00)} + m_{001}^{(20)} m_{001}^{(21)} m_{020}^{(20)} m_{300}^{(11)} + m_{001}^{(20)} m_{001}^{(21)} m_{020}^{(20)} m_{210}^{(10)} \\
&-m_{001}^{(20)} m_{001}^{(21)} m_{020}^{(21)} m_{300}^{(10)} - m_{001}^{(20)} m_{001}^{(21)} m_{020}^{(21)} m_{210}^{(00)} - m_{001}^{(20)} m_{001}^{(21)} m_{011}^{(00)} m_{210}^{(11)} \\
&-m_{001}^{(20)} m_{001}^{(21)} m_{011}^{(00)} m_{120}^{(10)} + m_{001}^{(20)} m_{001}^{(21)} m_{011}^{(10)} m_{300}^{(11)} + 2m_{001}^{(20)} m_{001}^{(21)} m_{011}^{(10)} m_{210}^{(10)} \\
&+m_{001}^{(20)} m_{001}^{(21)} m_{011}^{(10)} m_{120}^{(00)} - m_{001}^{(20)} m_{001}^{(21)} m_{011}^{(11)} m_{300}^{(10)} - m_{001}^{(20)} m_{001}^{(21)} m_{011}^{(11)} m_{210}^{(00)} \\
&+m_{001}^{(20)} m_{001}^{(22)} m_{200}^{(00)} m_{030}^{(11)} - m_{001}^{(20)} m_{001}^{(22)} m_{200}^{(10)} m_{120}^{(11)} - m_{001}^{(20)} m_{001}^{(22)} m_{200}^{(10)} m_{030}^{(10)} \\
&+m_{001}^{(20)} m_{001}^{(22)} m_{200}^{(11)} m_{120}^{(10)} - 2m_{001}^{(20)} m_{001}^{(22)} m_{110}^{(00)} m_{120}^{(11)} + 2m_{001}^{(20)} m_{001}^{(22)} m_{110}^{(10)} m_{210}^{(11)} \\
&+2m_{001}^{(20)} m_{001}^{(22)} m_{110}^{(10)} m_{120}^{(10)} - 2m_{001}^{(20)} m_{001}^{(22)} m_{110}^{(11)} m_{210}^{(10)} + m_{001}^{(20)} m_{001}^{(22)} m_{020}^{(00)} m_{210}^{(11)} \\
&-m_{001}^{(20)} m_{001}^{(22)} m_{020}^{(10)} m_{300}^{(11)} - m_{001}^{(20)} m_{001}^{(22)} m_{020}^{(10)} m_{210}^{(10)} + m_{001}^{(20)} m_{001}^{(22)} m_{020}^{(11)} m_{300}^{(10)} \\
&+2(m_{001}^{(21)})^2 m_{200}^{(00)} m_{021}^{(10)} - (m_{001}^{(21)})^2 m_{200}^{(10)} m_{111}^{(10)} - 2(m_{001}^{(21)})^2 m_{200}^{(10)} m_{021}^{(00)} \\
&+(m_{001}^{(21)})^2 m_{200}^{(11)} m_{111}^{(00)} - (m_{001}^{(21)})^2 m_{200}^{(20)} m_{120}^{(10)} + (m_{001}^{(21)})^2 m_{200}^{(21)} m_{120}^{(00)} \\
&-3(m_{001}^{(21)})^2 m_{110}^{(00)} m_{111}^{(10)} + (m_{001}^{(21)})^2 m_{110}^{(10)} m_{201}^{(10)} + 3(m_{001}^{(21)})^2 m_{110}^{(10)} m_{111}^{(00)} \\
&-(m_{001}^{(21)})^2 m_{110}^{(11)} m_{201}^{(00)} + 2(m_{001}^{(21)})^2 m_{110}^{(20)} m_{210}^{(10)} - 2(m_{001}^{(21)})^2 m_{110}^{(21)} m_{210}^{(00)} \\
&-(m_{001}^{(21)})^2 m_{101}^{(00)} m_{120}^{(10)} + (m_{001}^{(21)})^2 m_{101}^{(10)} m_{210}^{(10)} + (m_{001}^{(21)})^2 m_{101}^{(10)} m_{120}^{(00)} \\
&-(m_{001}^{(21)})^2 m_{101}^{(11)} m_{210}^{(00)} + (m_{001}^{(21)})^2 m_{020}^{(00)} m_{201}^{(10)} - (m_{001}^{(21)})^2 m_{020}^{(10)} m_{201}^{(00)} \\
&-(m_{001}^{(21)})^2 m_{020}^{(20)} m_{300}^{(10)} + (m_{001}^{(21)})^2 m_{020}^{(21)} m_{300}^{(00)} + (m_{001}^{(21)})^2 m_{011}^{(00)} m_{210}^{(10)} \\
&-(m_{001}^{(21)})^2 m_{011}^{(10)} m_{300}^{(10)} - (m_{001}^{(21)})^2 m_{011}^{(10)} m_{210}^{(00)} + (m_{001}^{(21)})^2 m_{011}^{(11)} m_{300}^{(00)} \\
&-m_{001}^{(21)} m_{001}^{(22)} m_{200}^{(00)} m_{030}^{(10)} + m_{001}^{(21)} m_{001}^{(22)} m_{200}^{(10)} m_{120}^{(10)} + m_{001}^{(21)} m_{001}^{(22)} m_{200}^{(10)} m_{030}^{(00)} \\
&-m_{001}^{(21)} m_{001}^{(22)} m_{200}^{(11)} m_{120}^{(00)} + 2m_{001}^{(21)} m_{001}^{(22)} m_{110}^{(00)} m_{120}^{(10)} - 2m_{001}^{(21)} m_{001}^{(22)} m_{110}^{(10)} m_{210}^{(10)} \\
&-2m_{001}^{(21)} m_{001}^{(22)} m_{110}^{(10)} m_{120}^{(00)} + 2m_{001}^{(21)} m_{001}^{(22)} m_{110}^{(11)} m_{210}^{(00)} - m_{001}^{(21)} m_{001}^{(22)} m_{020}^{(00)} m_{210}^{(10)} \\
&+m_{001}^{(21)} m_{001}^{(22)} m_{020}^{(10)} m_{300}^{(10)} + m_{001}^{(21)} m_{001}^{(22)} m_{020}^{(10)} m_{210}^{(00)} - m_{001}^{(21)} m_{001}^{(22)} m_{020}^{(11)} m_{300}^{(00)}
\end{aligned}
$$

Generating graph:

$V1$	$V1$	1	1	1
$V2$	$V2$	$V3$	3	3
2	$V3$	$V4$	$V4$	4



$$
\begin{aligned}
T_{101} \;=\;& m_{100}^{(00)} m_{100}^{(10)} m_{020}^{(11)} m_{003}^{(22)} - m_{100}^{(00)} m_{100}^{(10)} m_{020}^{(21)} m_{012}^{(22)} - m_{100}^{(00)} m_{100}^{(10)} m_{020}^{(21)} m_{003}^{(21)} \\
&+ m_{100}^{(00)} m_{100}^{(10)} m_{020}^{(22)} m_{012}^{(21)} - 2 m_{100}^{(00)} m_{100}^{(10)} m_{011}^{(11)} m_{012}^{(22)} + 2 m_{100}^{(00)} m_{100}^{(10)} m_{011}^{(21)} m_{021}^{(22)} \\
&+ 2 m_{100}^{(00)} m_{100}^{(10)} m_{011}^{(21)} m_{012}^{(21)} - 2 m_{100}^{(00)} m_{100}^{(10)} m_{011}^{(22)} m_{021}^{(21)} + m_{100}^{(00)} m_{100}^{(10)} m_{002}^{(11)} m_{021}^{(22)} \\
&- m_{100}^{(00)} m_{100}^{(10)} m_{002}^{(21)} m_{030}^{(22)} - m_{100}^{(00)} m_{100}^{(10)} m_{002}^{(21)} m_{021}^{(21)} + m_{100}^{(00)} m_{100}^{(10)} m_{002}^{(22)} m_{030}^{(21)} \\
&- m_{100}^{(00)} m_{100}^{(11)} m_{020}^{(10)} m_{003}^{(22)} + m_{100}^{(00)} m_{100}^{(11)} m_{020}^{(20)} m_{003}^{(21)} + m_{100}^{(00)} m_{100}^{(11)} m_{020}^{(21)} m_{102}^{(22)} \\
&- m_{100}^{(00)} m_{100}^{(11)} m_{020}^{(22)} m_{102}^{(21)} + 2 m_{100}^{(00)} m_{100}^{(11)} m_{011}^{(10)} m_{012}^{(22)} - 2 m_{100}^{(00)} m_{100}^{(11)} m_{011}^{(20)} m_{012}^{(21)} \\
&- 2 m_{100}^{(00)} m_{100}^{(11)} m_{011}^{(21)} m_{111}^{(22)} + 2 m_{100}^{(00)} m_{100}^{(11)} m_{011}^{(22)} m_{111}^{(21)} - m_{100}^{(00)} m_{100}^{(11)} m_{002}^{(10)} m_{021}^{(22)} \\
&+ m_{100}^{(00)} m_{100}^{(11)} m_{002}^{(20)} m_{021}^{(21)} + m_{100}^{(00)} m_{100}^{(11)} m_{002}^{(21)} m_{120}^{(22)} - m_{100}^{(00)} m_{100}^{(11)} m_{002}^{(22)} m_{120}^{(21)} \\
&- m_{100}^{(00)} m_{100}^{(20)} m_{020}^{(11)} m_{003}^{(21)} + m_{100}^{(00)} m_{100}^{(20)} m_{020}^{(21)} m_{012}^{(21)} + m_{100}^{(00)} m_{100}^{(20)} m_{020}^{(21)} m_{003}^{(11)} \\
&- m_{100}^{(00)} m_{100}^{(20)} m_{020}^{(22)} m_{012}^{(11)} + 2 m_{100}^{(00)} m_{100}^{(20)} m_{011}^{(11)} m_{012}^{(21)} - 2 m_{100}^{(00)} m_{100}^{(20)} m_{011}^{(21)} m_{021}^{(21)} \\
&- 2 m_{100}^{(00)} m_{100}^{(20)} m_{011}^{(21)} m_{012}^{(11)} + 2 m_{100}^{(00)} m_{100}^{(20)} m_{011}^{(22)} m_{021}^{(11)} - m_{100}^{(00)} m_{100}^{(20)} m_{002}^{(11)} m_{021}^{(21)} \\
&+ m_{100}^{(00)} m_{100}^{(20)} m_{002}^{(21)} m_{030}^{(21)} + m_{100}^{(00)} m_{100}^{(20)} m_{002}^{(21)} m_{021}^{(11)} - m_{100}^{(00)} m_{100}^{(20)} m_{002}^{(22)} m_{030}^{(11)} \\
&+ m_{100}^{(00)} m_{100}^{(21)} m_{020}^{(10)} m_{012}^{(22)} + m_{100}^{(00)} m_{100}^{(21)} m_{020}^{(10)} m_{003}^{(21)} - m_{100}^{(00)} m_{100}^{(21)} m_{020}^{(11)} m_{102}^{(22)} \\
&- m_{100}^{(00)} m_{100}^{(21)} m_{020}^{(20)} m_{012}^{(21)} - m_{100}^{(00)} m_{100}^{(21)} m_{020}^{(20)} m_{003}^{(11)} + m_{100}^{(00)} m_{100}^{(21)} m_{020}^{(22)} m_{102}^{(11)} \\
&- 2 m_{100}^{(00)} m_{100}^{(21)} m_{011}^{(10)} m_{021}^{(22)} - 2 m_{100}^{(00)} m_{100}^{(21)} m_{011}^{(10)} m_{012}^{(21)} + 2 m_{100}^{(00)} m_{100}^{(21)} m_{011}^{(11)} m_{111}^{(22)} \\
&+ 2 m_{100}^{(00)} m_{100}^{(21)} m_{011}^{(20)} m_{021}^{(21)} + 2 m_{100}^{(00)} m_{100}^{(21)} m_{011}^{(20)} m_{012}^{(11)} - 2 m_{100}^{(00)} m_{100}^{(21)} m_{011}^{(22)} m_{111}^{(11)} \\
&+ m_{100}^{(00)} m_{100}^{(21)} m_{002}^{(10)} m_{030}^{(22)} + m_{100}^{(00)} m_{100}^{(21)} m_{002}^{(10)} m_{021}^{(21)} - m_{100}^{(00)} m_{100}^{(21)} m_{002}^{(11)} m_{120}^{(22)} \\
&- m_{100}^{(00)} m_{100}^{(21)} m_{002}^{(20)} m_{030}^{(21)} - m_{100}^{(00)} m_{100}^{(21)} m_{002}^{(20)} m_{021}^{(11)} + m_{100}^{(00)} m_{100}^{(21)} m_{002}^{(22)} m_{120}^{(11)} \\
&- m_{100}^{(00)} m_{100}^{(22)} m_{020}^{(10)} m_{012}^{(21)} + m_{100}^{(00)} m_{100}^{(22)} m_{020}^{(11)} m_{102}^{(21)} + m_{100}^{(00)} m_{100}^{(22)} m_{020}^{(20)} m_{012}^{(11)} \\
&- m_{100}^{(00)} m_{100}^{(22)} m_{020}^{(21)} m_{102}^{(11)} + 2 m_{100}^{(00)} m_{100}^{(22)} m_{011}^{(10)} m_{021}^{(21)} - 2 m_{100}^{(00)} m_{100}^{(22)} m_{011}^{(11)} m_{111}^{(21)} \\
&- 2 m_{100}^{(00)} m_{100}^{(22)} m_{011}^{(20)} m_{021}^{(11)} + 2 m_{100}^{(00)} m_{100}^{(22)} m_{011}^{(21)} m_{111}^{(11)} - m_{100}^{(00)} m_{100}^{(22)} m_{002}^{(10)} m_{030}^{(21)} \\
&+ m_{100}^{(00)} m_{100}^{(22)} m_{002}^{(11)} m_{120}^{(21)} + m_{100}^{(00)} m_{100}^{(22)} m_{002}^{(20)} m_{030}^{(11)} - m_{100}^{(00)} m_{100}^{(22)} m_{002}^{(21)} m_{120}^{(11)} \\
&- m_{100}^{(00)} m_{010}^{(00)} m_{020}^{(11)} m_{003}^{(22)} + m_{100}^{(00)} m_{010}^{(00)} m_{020}^{(21)} m_{012}^{(22)} + m_{100}^{(00)} m_{010}^{(00)} m_{020}^{(21)} m_{003}^{(21)} \\
&- m_{100}^{(00)} m_{010}^{(00)} m_{020}^{(22)} m_{012}^{(21)} + 2 m_{100}^{(00)} m_{010}^{(00)} m_{011}^{(11)} m_{012}^{(22)} - 2 m_{100}^{(00)} m_{010}^{(00)} m_{011}^{(21)} m_{021}^{(22)} \\
&- 2 m_{100}^{(00)} m_{010}^{(00)} m_{011}^{(21)} m_{012}^{(21)} + 2 m_{100}^{(00)} m_{010}^{(00)} m_{011}^{(22)} m_{021}^{(21)} - m_{100}^{(00)} m_{010}^{(00)} m_{002}^{(11)} m_{021}^{(22)} \\
&+ m_{100}^{(00)} m_{010}^{(00)} m_{002}^{(21)} m_{030}^{(22)} + m_{100}^{(00)} m_{010}^{(00)} m_{002}^{(21)} m_{021}^{(21)} - m_{100}^{(00)} m_{010}^{(00)} m_{002}^{(22)} m_{030}^{(21)} \\
&+ m_{100}^{(00)} m_{010}^{(10)} m_{020}^{(10)} m_{003}^{(22)} - m_{100}^{(00)} m_{010}^{(10)} m_{020}^{(20)} m_{012}^{(22)} - m_{100}^{(00)} m_{010}^{(10)} m_{020}^{(21)} m_{003}^{(20)} \\
&+ m_{100}^{(00)} m_{010}^{(10)} m_{020}^{(22)} m_{012}^{(20)} - 2 m_{100}^{(00)} m_{010}^{(10)} m_{011}^{(10)} m_{012}^{(22)} + 2 m_{100}^{(00)} m_{010}^{(10)} m_{011}^{(20)} m_{021}^{(22)}
\end{aligned}
$$

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\begin{aligned}
&+2m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{012}^{(20)} - 2m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(22)}m_{021}^{(20)} + m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(10)}m_{021}^{(22)}\\
&-m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(20)}m_{030}^{(22)} - m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(21)}m_{021}^{(20)} + m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(22)}m_{030}^{(20)}\\
&+m_{100}^{(00)}m_{010}^{(11)}m_{110}^{(20)}m_{012}^{(22)} - m_{100}^{(00)}m_{010}^{(11)}m_{110}^{(20)}m_{003}^{(21)} - m_{100}^{(00)}m_{010}^{(11)}m_{110}^{(21)}m_{102}^{(22)}\\
&+m_{100}^{(00)}m_{010}^{(11)}m_{110}^{(21)}m_{003}^{(20)} + m_{100}^{(00)}m_{010}^{(11)}m_{110}^{(22)}m_{102}^{(21)} - m_{100}^{(00)}m_{010}^{(11)}m_{110}^{(22)}m_{012}^{(20)}\\
&-m_{100}^{(00)}m_{010}^{(11)}m_{101}^{(20)}m_{021}^{(22)} + m_{100}^{(00)}m_{010}^{(11)}m_{101}^{(20)}m_{012}^{(21)} + m_{100}^{(00)}m_{010}^{(11)}m_{101}^{(21)}m_{111}^{(22)}\\
&-m_{100}^{(00)}m_{010}^{(11)}m_{101}^{(21)}m_{012}^{(20)} - m_{100}^{(00)}m_{010}^{(11)}m_{101}^{(22)}m_{111}^{(21)} + m_{100}^{(00)}m_{010}^{(11)}m_{101}^{(22)}m_{021}^{(20)}\\
&-m_{100}^{(00)}m_{010}^{(11)}m_{011}^{(20)}m_{111}^{(22)} + m_{100}^{(00)}m_{010}^{(11)}m_{011}^{(20)}m_{102}^{(21)} + m_{100}^{(00)}m_{010}^{(11)}m_{011}^{(21)}m_{201}^{(22)}\\
&-m_{100}^{(00)}m_{010}^{(11)}m_{011}^{(21)}m_{102}^{(20)} - m_{100}^{(00)}m_{010}^{(11)}m_{011}^{(22)}m_{201}^{(21)} + m_{100}^{(00)}m_{010}^{(11)}m_{011}^{(22)}m_{111}^{(20)}\\
&+m_{100}^{(00)}m_{010}^{(11)}m_{002}^{(20)}m_{120}^{(22)} - m_{100}^{(00)}m_{010}^{(11)}m_{002}^{(20)}m_{111}^{(21)} - m_{100}^{(00)}m_{010}^{(11)}m_{002}^{(21)}m_{210}^{(22)}\\
&+m_{100}^{(00)}m_{010}^{(11)}m_{002}^{(21)}m_{111}^{(20)} + m_{100}^{(00)}m_{010}^{(11)}m_{002}^{(22)}m_{210}^{(21)} - m_{100}^{(00)}m_{010}^{(11)}m_{002}^{(22)}m_{120}^{(20)}\\
&-m_{100}^{(00)}m_{010}^{(20)}m_{110}^{(11)}m_{012}^{(22)} + m_{100}^{(00)}m_{010}^{(20)}m_{110}^{(11)}m_{003}^{(21)} + m_{100}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{021}^{(22)}\\
&-m_{100}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{003}^{(11)} - m_{100}^{(00)}m_{010}^{(20)}m_{110}^{(22)}m_{021}^{(21)} + m_{100}^{(00)}m_{010}^{(20)}m_{110}^{(22)}m_{012}^{(11)}\\
&+m_{100}^{(00)}m_{010}^{(20)}m_{101}^{(11)}m_{021}^{(22)} - m_{100}^{(00)}m_{010}^{(20)}m_{101}^{(11)}m_{012}^{(21)} - m_{100}^{(00)}m_{010}^{(20)}m_{101}^{(21)}m_{030}^{(22)}\\
&+m_{100}^{(00)}m_{010}^{(20)}m_{101}^{(21)}m_{012}^{(11)} + m_{100}^{(00)}m_{010}^{(20)}m_{101}^{(22)}m_{030}^{(21)} - m_{100}^{(00)}m_{010}^{(20)}m_{101}^{(22)}m_{021}^{(11)}\\
&-m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(10)}m_{003}^{(21)} + m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(11)}m_{102}^{(22)} + m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(11)}m_{003}^{(20)}\\
&+m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(20)}m_{012}^{(21)} - m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(21)}m_{111}^{(22)} - m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(21)}m_{102}^{(21)}\\
&-m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(21)}m_{012}^{(20)} + m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(22)}m_{111}^{(21)} + 2m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(10)}m_{012}^{(21)}\\
&-m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(11)}m_{111}^{(22)} - m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(11)}m_{102}^{(21)} - 2m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(11)}m_{012}^{(20)}\\
&-2m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(20)}m_{021}^{(21)} + m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{120}^{(22)} + 2m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(21)}\\
&+m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{102}^{(11)} + 2m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{021}^{(20)} - m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(22)}m_{120}^{(21)}\\
&-m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(22)}m_{111}^{(11)} - m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(10)}m_{021}^{(21)} + m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(11)}m_{111}^{(21)}\\
&+m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(11)}m_{021}^{(20)} + m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(20)}m_{030}^{(21)} - m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{120}^{(21)}\\
&-m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{111}^{(11)} - m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{030}^{(20)} + m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(22)}m_{120}^{(11)}\\
&+m_{100}^{(00)}m_{010}^{(21)}m_{110}^{(11)}m_{102}^{(22)} - m_{100}^{(00)}m_{010}^{(21)}m_{110}^{(11)}m_{003}^{(20)} - m_{100}^{(00)}m_{010}^{(21)}m_{110}^{(20)}m_{021}^{(22)}\\
&+m_{100}^{(00)}m_{010}^{(21)}m_{110}^{(20)}m_{003}^{(11)} - m_{100}^{(00)}m_{010}^{(21)}m_{110}^{(22)}m_{102}^{(11)} + m_{100}^{(00)}m_{010}^{(21)}m_{110}^{(22)}m_{021}^{(20)}\\
&-m_{100}^{(00)}m_{010}^{(21)}m_{101}^{(11)}m_{111}^{(22)} + m_{100}^{(00)}m_{010}^{(21)}m_{101}^{(11)}m_{012}^{(20)} + m_{100}^{(00)}m_{010}^{(21)}m_{101}^{(20)}m_{030}^{(22)}\\
&-m_{100}^{(00)}m_{010}^{(21)}m_{101}^{(20)}m_{012}^{(11)} + m_{100}^{(00)}m_{010}^{(21)}m_{101}^{(22)}m_{111}^{(20)} - m_{100}^{(00)}m_{010}^{(21)}m_{101}^{(22)}m_{030}^{(20)}\\
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&+m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(11)}m_{102}^{(20)} - m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{120}^{(22)} - m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{102}^{(11)}\\
&-2m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{111}^{(20)} + m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{201}^{(11)} + m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{120}^{(20)}\\
&-m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(10)}m_{120}^{(22)} + m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(11)}m_{210}^{(22)} - m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(11)}m_{111}^{(20)}\\
&+m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(20)}m_{111}^{(11)} + m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(21)}m_{120}^{(20)} - m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(22)}m_{210}^{(11)}\\
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&-m_{100}^{(00)}m_{010}^{(22)}m_{110}^{(20)}m_{012}^{(11)} + m_{100}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{102}^{(11)} - m_{100}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{021}^{(20)}\\
&+m_{100}^{(00)}m_{010}^{(22)}m_{101}^{(11)}m_{111}^{(21)} - m_{100}^{(00)}m_{010}^{(22)}m_{101}^{(11)}m_{021}^{(20)} - m_{100}^{(00)}m_{010}^{(22)}m_{101}^{(20)}m_{030}^{(21)}\\
&+m_{100}^{(00)}m_{010}^{(22)}m_{101}^{(20)}m_{021}^{(11)} - m_{100}^{(00)}m_{010}^{(22)}m_{101}^{(21)}m_{111}^{(11)} + m_{100}^{(00)}m_{010}^{(22)}m_{101}^{(21)}m_{030}^{(20)}\\
&+m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(10)}m_{102}^{(21)} - m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(11)}m_{102}^{(20)} - m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(20)}m_{111}^{(21)}
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&+m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(21)}m_{111}^{(20)} - 2m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(10)}m_{111}^{(21)} + m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(11)}m_{201}^{(21)}\\
&+m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(11)}m_{111}^{(20)} + m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(20)}m_{120}^{(21)} + m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(20)}m_{111}^{(11)}\\
&-m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{201}^{(11)} - m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{120}^{(20)} + m_{100}^{(00)}m_{010}^{(22)}m_{002}^{(10)}m_{120}^{(21)}\\
&-m_{100}^{(00)}m_{010}^{(22)}m_{002}^{(11)}m_{210}^{(21)} - m_{100}^{(00)}m_{010}^{(22)}m_{002}^{(20)}m_{120}^{(11)} + m_{100}^{(00)}m_{010}^{(22)}m_{002}^{(21)}m_{210}^{(11)}\\
&+m_{100}^{(00)}m_{001}^{(00)}m_{020}^{(11)}m_{003}^{(21)} - m_{100}^{(00)}m_{001}^{(00)}m_{020}^{(21)}m_{012}^{(21)} - m_{100}^{(00)}m_{001}^{(00)}m_{020}^{(21)}m_{003}^{(11)}\\
&+m_{100}^{(00)}m_{001}^{(00)}m_{020}^{(22)}m_{012}^{(11)} - 2m_{100}^{(00)}m_{001}^{(00)}m_{011}^{(11)}m_{012}^{(21)} + 2m_{100}^{(00)}m_{001}^{(00)}m_{011}^{(21)}m_{021}^{(21)}\\
&+2m_{100}^{(00)}m_{001}^{(00)}m_{011}^{(21)}m_{012}^{(11)} - 2m_{100}^{(00)}m_{001}^{(00)}m_{011}^{(22)}m_{021}^{(11)} + m_{100}^{(00)}m_{001}^{(00)}m_{002}^{(11)}m_{021}^{(21)}\\
&-m_{100}^{(00)}m_{001}^{(00)}m_{002}^{(21)}m_{030}^{(21)} - m_{100}^{(00)}m_{001}^{(00)}m_{002}^{(21)}m_{021}^{(11)} + m_{100}^{(00)}m_{001}^{(00)}m_{002}^{(22)}m_{030}^{(11)}\\
&+m_{100}^{(00)}m_{001}^{(10)}m_{110}^{(11)}m_{012}^{(22)} - m_{100}^{(00)}m_{001}^{(10)}m_{110}^{(11)}m_{003}^{(21)} - m_{100}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{021}^{(22)}\\
&+m_{100}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{003}^{(11)} + m_{100}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{021}^{(21)} - m_{100}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{012}^{(11)}\\
&-m_{100}^{(00)}m_{001}^{(10)}m_{101}^{(11)}m_{021}^{(22)} + m_{100}^{(00)}m_{001}^{(10)}m_{101}^{(11)}m_{012}^{(21)} + m_{100}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{030}^{(22)}\\
&-m_{100}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{012}^{(11)} - m_{100}^{(00)}m_{001}^{(10)}m_{101}^{(22)}m_{030}^{(21)} + m_{100}^{(00)}m_{001}^{(10)}m_{101}^{(22)}m_{021}^{(11)}\\
&-m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{003}^{(11)} - m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(11)}m_{102}^{(22)} + m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{012}^{(21)}\\
&+m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{111}^{(22)} + m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{102}^{(21)} + m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{003}^{(10)}\\
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&+m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{111}^{(22)} + m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{102}^{(21)} - 2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{021}^{(21)}\\
&-m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{120}^{(22)} - 2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(21)} - m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{102}^{(11)}\\
&-2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{012}^{(10)} + m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{120}^{(21)} + m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{111}^{(11)}\\
&+2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{021}^{(10)} - m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{021}^{(21)} - m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{111}^{(21)}\\
&+m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(20)}m_{030}^{(21)} + m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{120}^{(21)} + m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{111}^{(11)}\\
&+m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{021}^{(10)} - m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(22)}m_{120}^{(11)} - m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(22)}m_{030}^{(10)}\\
&-m_{100}^{(00)}m_{001}^{(11)}m_{110}^{(10)}m_{012}^{(22)} + m_{100}^{(00)}m_{001}^{(11)}m_{110}^{(10)}m_{003}^{(21)} + m_{100}^{(00)}m_{001}^{(11)}m_{110}^{(21)}m_{111}^{(22)}\\
&-m_{100}^{(00)}m_{001}^{(11)}m_{110}^{(21)}m_{003}^{(10)} - m_{100}^{(00)}m_{001}^{(11)}m_{110}^{(22)}m_{111}^{(21)} + m_{100}^{(00)}m_{001}^{(11)}m_{110}^{(22)}m_{012}^{(10)}\\
&+m_{100}^{(00)}m_{001}^{(11)}m_{101}^{(10)}m_{021}^{(22)} - m_{100}^{(00)}m_{001}^{(11)}m_{101}^{(10)}m_{012}^{(21)} - m_{100}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{120}^{(22)}\\
&+m_{100}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{012}^{(10)} + m_{100}^{(00)}m_{001}^{(11)}m_{101}^{(22)}m_{120}^{(21)} - m_{100}^{(00)}m_{001}^{(11)}m_{101}^{(22)}m_{021}^{(10)}\\
&+m_{100}^{(00)}m_{001}^{(11)}m_{020}^{(10)}m_{102}^{(22)} - m_{100}^{(00)}m_{001}^{(11)}m_{020}^{(20)}m_{102}^{(21)} - m_{100}^{(00)}m_{001}^{(11)}m_{020}^{(21)}m_{201}^{(22)}\\
&+m_{100}^{(00)}m_{001}^{(11)}m_{020}^{(22)}m_{201}^{(21)} - m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(10)}m_{111}^{(22)} - m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(10)}m_{102}^{(21)}\\
&+2m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(21)} + m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{210}^{(22)} + m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{102}^{(10)}\\
&-m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(22)}m_{210}^{(21)} - m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(22)}m_{111}^{(10)} + m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(10)}m_{111}^{(21)}\\
&-m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(20)}m_{120}^{(21)} - m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{111}^{(10)} + m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(22)}m_{120}^{(10)}\\
&+m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{003}^{(11)} - m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{003}^{(10)} - m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{012}^{(11)}\\
&+m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{012}^{(10)} - 2m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{012}^{(11)} + 2m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{012}^{(10)}\\
&+2m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{021}^{(11)} - 2m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{021}^{(10)} + m_{100}^{(00)}m_{001}^{(20)}m_{002}^{(10)}m_{021}^{(11)}\\
&-m_{100}^{(00)}m_{001}^{(20)}m_{002}^{(11)}m_{021}^{(10)} - m_{100}^{(00)}m_{001}^{(20)}m_{002}^{(20)}m_{030}^{(11)} + m_{100}^{(00)}m_{001}^{(20)}m_{002}^{(21)}m_{030}^{(10)}\\
&+m_{100}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{021}^{(22)} - m_{100}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{003}^{(11)} - m_{100}^{(00)}m_{001}^{(21)}m_{110}^{(11)}m_{111}^{(22)}\\
&+m_{100}^{(00)}m_{001}^{(21)}m_{110}^{(11)}m_{003}^{(10)} + m_{100}^{(00)}m_{001}^{(21)}m_{110}^{(22)}m_{111}^{(11)} - m_{100}^{(00)}m_{001}^{(21)}m_{110}^{(22)}m_{021}^{(10)}\\
&-m_{100}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{030}^{(22)} + m_{100}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{012}^{(11)} + m_{100}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{120}^{(22)}\\
&-m_{100}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{012}^{(10)} - m_{100}^{(00)}m_{001}^{(21)}m_{101}^{(22)}m_{120}^{(11)} + m_{100}^{(00)}m_{001}^{(21)}m_{101}^{(22)}m_{030}^{(10)}
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&-m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{111}^{(22)}+m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(11)}m_{201}^{(22)}+m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{102}^{(11)}\\
&-m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{102}^{(10)}-m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{201}^{(11)}+m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{111}^{(10)}\\
&+m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{120}^{(22)}+m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{102}^{(11)}-m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{210}^{(22)}\\
&-m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{102}^{(10)}-2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{111}^{(11)}+2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{111}^{(10)}\\
&+m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(22)}m_{210}^{(11)}-m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(22)}m_{120}^{(10)}-m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(10)}m_{111}^{(11)}\\
&+m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(11)}m_{111}^{(10)}+m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(20)}m_{120}^{(11)}-m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(21)}m_{120}^{(10)}\\
&-m_{100}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{021}^{(21)}+m_{100}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{012}^{(11)}+m_{100}^{(00)}m_{001}^{(22)}m_{110}^{(11)}m_{111}^{(21)}\\
&-m_{100}^{(00)}m_{001}^{(22)}m_{110}^{(11)}m_{012}^{(10)}-m_{100}^{(00)}m_{001}^{(22)}m_{110}^{(21)}m_{111}^{(11)}+m_{100}^{(00)}m_{001}^{(22)}m_{110}^{(21)}m_{021}^{(10)}\\
&+m_{100}^{(00)}m_{001}^{(22)}m_{101}^{(10)}m_{030}^{(21)}-m_{100}^{(00)}m_{001}^{(22)}m_{101}^{(10)}m_{021}^{(11)}-m_{100}^{(00)}m_{001}^{(22)}m_{101}^{(11)}m_{120}^{(21)}\\
&+m_{100}^{(00)}m_{001}^{(22)}m_{101}^{(11)}m_{021}^{(10)}+m_{100}^{(00)}m_{001}^{(22)}m_{101}^{(21)}m_{120}^{(11)}-m_{100}^{(00)}m_{001}^{(22)}m_{101}^{(21)}m_{030}^{(10)}\\
&+m_{100}^{(00)}m_{001}^{(22)}m_{020}^{(10)}m_{111}^{(21)}-m_{100}^{(00)}m_{001}^{(22)}m_{020}^{(10)}m_{102}^{(11)}-m_{100}^{(00)}m_{001}^{(22)}m_{020}^{(11)}m_{201}^{(21)}\\
&+m_{100}^{(00)}m_{001}^{(22)}m_{020}^{(11)}m_{102}^{(10)}+m_{100}^{(00)}m_{001}^{(22)}m_{020}^{(21)}m_{201}^{(11)}-m_{100}^{(00)}m_{001}^{(22)}m_{020}^{(21)}m_{111}^{(10)}\\
&-m_{100}^{(00)}m_{001}^{(22)}m_{011}^{(10)}m_{120}^{(21)}+m_{100}^{(00)}m_{001}^{(22)}m_{011}^{(10)}m_{111}^{(11)}+m_{100}^{(00)}m_{001}^{(22)}m_{011}^{(11)}m_{210}^{(21)}\\
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&-(m_{100}^{(10)})^2m_{110}^{(11)}m_{003}^{(22)}+(m_{100}^{(10)})^2m_{110}^{(21)}m_{012}^{(22)}+(m_{100}^{(10)})^2m_{110}^{(21)}m_{003}^{(21)}\\
&-(m_{100}^{(10)})^2m_{110}^{(22)}m_{012}^{(21)}+(m_{100}^{(10)})^2m_{101}^{(11)}m_{012}^{(22)}-(m_{100}^{(10)})^2m_{101}^{(21)}m_{021}^{(22)}\\
&-(m_{100}^{(10)})^2m_{101}^{(21)}m_{012}^{(21)}+(m_{100}^{(10)})^2m_{101}^{(22)}m_{021}^{(21)}-(m_{100}^{(10)})^2m_{020}^{(10)}m_{003}^{(22)}\\
&+(m_{100}^{(10)})^2m_{020}^{(20)}m_{012}^{(22)}+(m_{100}^{(10)})^2m_{020}^{(21)}m_{003}^{(20)}-(m_{100}^{(10)})^2m_{020}^{(22)}m_{012}^{(20)}\\
&+2(m_{100}^{(10)})^2m_{011}^{(10)}m_{012}^{(22)}+(m_{100}^{(10)})^2m_{011}^{(11)}m_{102}^{(22)}-2(m_{100}^{(10)})^2m_{011}^{(20)}m_{021}^{(22)}\\
&-(m_{100}^{(10)})^2m_{011}^{(21)}m_{111}^{(22)}-(m_{100}^{(10)})^2m_{011}^{(21)}m_{102}^{(21)}-2(m_{100}^{(10)})^2m_{011}^{(21)}m_{012}^{(20)}\\
&+(m_{100}^{(10)})^2m_{011}^{(22)}m_{111}^{(21)}+2(m_{100}^{(10)})^2m_{011}^{(22)}m_{021}^{(20)}-(m_{100}^{(10)})^2m_{002}^{(10)}m_{021}^{(22)}\\
&-(m_{100}^{(10)})^2m_{002}^{(11)}m_{111}^{(22)}+(m_{100}^{(10)})^2m_{002}^{(20)}m_{030}^{(22)}+(m_{100}^{(10)})^2m_{002}^{(21)}m_{120}^{(22)}\\
&+(m_{100}^{(10)})^2m_{002}^{(21)}m_{111}^{(21)}+(m_{100}^{(10)})^2m_{002}^{(21)}m_{021}^{(20)}-(m_{100}^{(10)})^2m_{002}^{(22)}m_{120}^{(21)}\\
&-(m_{100}^{(10)})^2m_{002}^{(22)}m_{030}^{(20)}+2m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(10)}m_{003}^{(22)}-m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(20)}m_{012}^{(22)}\\
&-m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(20)}m_{003}^{(21)}-m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(21)}m_{102}^{(22)}-m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(21)}m_{003}^{(20)}\\
&+m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(22)}m_{102}^{(21)}+m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(22)}m_{012}^{(20)}-2m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(10)}m_{012}^{(22)}\\
&+m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(20)}m_{021}^{(22)}+m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(20)}m_{012}^{(21)}+m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(21)}m_{111}^{(22)}\\
&+m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(21)}m_{012}^{(20)}-m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(22)}m_{111}^{(21)}-m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(22)}m_{021}^{(20)}\\
&+m_{100}^{(10)}m_{100}^{(11)}m_{020}^{(00)}m_{003}^{(22)}-m_{100}^{(10)}m_{100}^{(11)}m_{020}^{(20)}m_{102}^{(22)}-m_{100}^{(10)}m_{100}^{(11)}m_{020}^{(20)}m_{003}^{(20)}\\
&+m_{100}^{(10)}m_{100}^{(11)}m_{020}^{(22)}m_{102}^{(20)}-2m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(00)}m_{012}^{(22)}-2m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(10)}m_{102}^{(22)}\\
&+3m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(20)}m_{111}^{(22)}+m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(20)}m_{102}^{(21)}+2m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(20)}m_{012}^{(20)}\\
&+m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(21)}m_{201}^{(22)}+m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(21)}m_{102}^{(20)}-m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(22)}m_{201}^{(21)}\\
&-3m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(22)}m_{111}^{(20)}+m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(00)}m_{021}^{(22)}+2m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(10)}m_{111}^{(22)}\\
&-2m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(20)}m_{120}^{(22)}-m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(20)}m_{111}^{(21)}-m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(20)}m_{021}^{(20)}\\
&-m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(21)}m_{210}^{(22)}-m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(21)}m_{111}^{(20)}+m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(22)}m_{210}^{(21)}\\
&+2m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(22)}m_{120}^{(20)}+m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(11)}m_{012}^{(22)}+m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(11)}m_{003}^{(21)}\\
&-m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{021}^{(22)}-2m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{012}^{(21)}-m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{003}^{(11)}\\
&+m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(22)}m_{021}^{(21)}+m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(22)}m_{012}^{(11)}-m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(11)}m_{021}^{(22)}
\end{aligned}
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\begin{aligned}
&-m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(11)}m_{012}^{(21)} + m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{030}^{(22)} + 2m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{021}^{(21)}\\
&+m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{012}^{(11)} - m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(22)}m_{030}^{(21)} - m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(22)}m_{021}^{(11)}\\
&+2m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(10)}m_{003}^{(21)} - m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(11)}m_{102}^{(22)} - m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(11)}m_{003}^{(20)}\\
&-2m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(20)}m_{012}^{(21)} + m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(21)}m_{111}^{(22)} + m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(21)}m_{102}^{(21)}\\
&+m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(21)}m_{012}^{(20)} - m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(21)}m_{003}^{(10)} - m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(22)}m_{111}^{(21)}\\
&+m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(22)}m_{012}^{(10)} - 4m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(10)}m_{012}^{(21)} + m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(11)}m_{111}^{(22)}\\
&-m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(11)}m_{102}^{(21)} + 2m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(11)}m_{012}^{(20)} + 4m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(20)}m_{021}^{(21)}\\
&-m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{120}^{(22)} + m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{102}^{(11)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{021}^{(20)}\\
&+2m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{012}^{(10)} + m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(22)}m_{120}^{(21)} - m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(22)}m_{111}^{(11)}\\
&-2m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(22)}m_{021}^{(10)} + 2m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(10)}m_{021}^{(21)} + m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(11)}m_{111}^{(21)}\\
&-m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(11)}m_{021}^{(20)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(20)}m_{030}^{(21)} - m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(21)}m_{120}^{(21)}\\
&-m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(21)}m_{111}^{(11)} + m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(21)}m_{030}^{(20)} - m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(21)}m_{021}^{(10)}\\
&+m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(22)}m_{120}^{(11)} + m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(22)}m_{030}^{(10)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(10)}m_{012}^{(22)}\\
&-2m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(10)}m_{003}^{(21)} + m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(11)}m_{102}^{(22)} + m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(11)}m_{003}^{(20)}\\
&+m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(20)}m_{021}^{(22)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(20)}m_{012}^{(21)} + m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(20)}m_{003}^{(11)}\\
&-m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(22)}m_{102}^{(11)} - m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(22)}m_{021}^{(20)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(10)}m_{021}^{(22)}\\
&+2m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(10)}m_{012}^{(21)} - m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(11)}m_{111}^{(22)} - m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(11)}m_{012}^{(20)}\\
&-m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(20)}m_{030}^{(22)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(20)}m_{021}^{(21)} - m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(20)}m_{012}^{(11)}\\
&+m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(22)}m_{111}^{(11)} + m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(22)}m_{030}^{(20)} - m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(00)}m_{012}^{(22)}\\
&-m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(00)}m_{003}^{(21)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(10)}m_{102}^{(22)} - m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(20)}m_{111}^{(22)}\\
&+m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(20)}m_{102}^{(21)} + m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(20)}m_{012}^{(20)} + m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(20)}m_{003}^{(10)}\\
&-2m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(21)}m_{102}^{(20)} + m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(22)}m_{111}^{(20)} - m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(22)}m_{102}^{(10)}\\
&+2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(00)}m_{021}^{(22)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(00)}m_{012}^{(21)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{111}^{(22)}\\
&+2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{102}^{(21)} - m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(11)}m_{201}^{(22)} - m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(11)}m_{102}^{(20)}\\
&+m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{120}^{(22)} - 4m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{111}^{(21)} - m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{102}^{(11)}\\
&-2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{021}^{(20)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{012}^{(10)} + 4m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{111}^{(20)}\\
&+m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(22)}m_{201}^{(11)} - m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(22)}m_{120}^{(20)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(22)}m_{111}^{(10)}\\
&-m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(00)}m_{030}^{(22)} - m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(00)}m_{021}^{(21)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{111}^{(21)}\\
&+m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(11)}m_{210}^{(22)} + m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(11)}m_{111}^{(20)} + 3m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(20)}m_{120}^{(21)}\\
&+m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(20)}m_{111}^{(11)} + m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(20)}m_{030}^{(20)} + m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(20)}m_{021}^{(10)}\\
&-2m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(21)}m_{120}^{(20)} - m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(22)}m_{210}^{(11)} - m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(22)}m_{120}^{(10)}\\
&+2m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(10)}m_{012}^{(21)} - m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(11)}m_{102}^{(21)} - m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(11)}m_{012}^{(20)}\\
&-m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(20)}m_{021}^{(21)} - m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(20)}m_{012}^{(11)} + m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{102}^{(11)}\\
&+m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{021}^{(20)} - 2m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(10)}m_{021}^{(21)} + m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(11)}m_{111}^{(21)}\\
&+m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(11)}m_{021}^{(20)} + m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(20)}m_{030}^{(21)} + m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(20)}m_{021}^{(11)}\\
&-m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(21)}m_{111}^{(11)} - m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(21)}m_{030}^{(20)} + m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(00)}m_{021}^{(21)}\\
&-2m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(10)}m_{102}^{(21)} + m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(11)}m_{102}^{(20)} + m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(20)}m_{111}^{(21)}\\
&-m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(20)}m_{012}^{(10)} - m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(21)}m_{111}^{(20)} + m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(21)}m_{102}^{(10)}
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\begin{aligned}
&-2m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(00)}m_{021}^{(21)}+2m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(10)}m_{111}^{(21)}+m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(11)}m_{201}^{(21)}\\
&-m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(11)}m_{111}^{(20)}-m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(20)}m_{120}^{(21)}+m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(20)}m_{111}^{(11)}\\
&+2m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(20)}m_{021}^{(10)}-m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(21)}m_{201}^{(11)}+m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(21)}m_{120}^{(20)}\\
&-2m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(21)}m_{111}^{(10)}+m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(00)}m_{030}^{(21)}-m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(11)}m_{210}^{(21)}\\
&-m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(20)}m_{120}^{(11)}-m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(20)}m_{030}^{(10)}+m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(21)}m_{210}^{(11)}\\
&+m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(21)}m_{120}^{(10)}+m_{100}^{(10)}m_{010}^{(00)}m_{020}^{(10)}m_{003}^{(22)}-m_{100}^{(10)}m_{010}^{(00)}m_{020}^{(20)}m_{003}^{(21)}\\
&-m_{100}^{(10)}m_{010}^{(00)}m_{020}^{(21)}m_{102}^{(22)}+m_{100}^{(10)}m_{010}^{(00)}m_{020}^{(22)}m_{102}^{(21)}-2m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(10)}m_{012}^{(22)}\\
&+2m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(20)}m_{012}^{(21)}+2m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{111}^{(22)}-2m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(22)}m_{111}^{(21)}\\
&+m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(10)}m_{021}^{(22)}-m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(20)}m_{021}^{(21)}-m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(21)}m_{120}^{(22)}\\
&+m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(22)}m_{120}^{(21)}+m_{100}^{(10)}m_{010}^{(10)}m_{200}^{(11)}m_{003}^{(22)}-m_{100}^{(10)}m_{010}^{(10)}m_{200}^{(21)}m_{012}^{(22)}\\
&-m_{100}^{(10)}m_{010}^{(10)}m_{200}^{(21)}m_{003}^{(21)}+m_{100}^{(10)}m_{010}^{(10)}m_{200}^{(22)}m_{012}^{(21)}-m_{100}^{(10)}m_{010}^{(10)}m_{110}^{(20)}m_{012}^{(22)}\\
&+m_{100}^{(10)}m_{010}^{(10)}m_{110}^{(20)}m_{003}^{(21)}+m_{100}^{(10)}m_{010}^{(10)}m_{110}^{(21)}m_{102}^{(22)}-m_{100}^{(10)}m_{010}^{(10)}m_{110}^{(21)}m_{003}^{(20)}\\
&-m_{100}^{(10)}m_{010}^{(10)}m_{110}^{(22)}m_{102}^{(21)}+m_{100}^{(10)}m_{010}^{(10)}m_{110}^{(22)}m_{012}^{(20)}-2m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(11)}m_{102}^{(22)}\\
&+m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(20)}m_{021}^{(22)}-m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(20)}m_{012}^{(21)}+m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(22)}\\
&+2m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(21)}m_{102}^{(21)}+m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(21)}m_{012}^{(20)}-m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{111}^{(21)}\\
&-m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{021}^{(20)}-m_{100}^{(10)}m_{010}^{(10)}m_{020}^{(00)}m_{003}^{(22)}+m_{100}^{(10)}m_{010}^{(10)}m_{020}^{(20)}m_{102}^{(22)}\\
&+m_{100}^{(10)}m_{010}^{(10)}m_{020}^{(20)}m_{003}^{(20)}-m_{100}^{(10)}m_{010}^{(10)}m_{020}^{(22)}m_{102}^{(20)}+2m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(00)}m_{012}^{(22)}\\
&-m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(20)}m_{111}^{(22)}-m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(20)}m_{102}^{(21)}-2m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(20)}m_{012}^{(20)}\\
&-m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(21)}m_{201}^{(22)}+m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(21)}m_{102}^{(20)}+m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(22)}m_{201}^{(21)}\\
&+m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(22)}m_{111}^{(20)}-m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(00)}m_{021}^{(22)}+m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(11)}m_{201}^{(22)}\\
&+m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(20)}m_{111}^{(21)}+m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(20)}m_{021}^{(20)}-m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(21)}m_{201}^{(21)}\\
&-m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(21)}m_{111}^{(20)}-m_{100}^{(10)}m_{010}^{(11)}m_{200}^{(10)}m_{003}^{(22)}+m_{100}^{(10)}m_{010}^{(11)}m_{200}^{(20)}m_{003}^{(21)}\\
&+m_{100}^{(10)}m_{010}^{(11)}m_{200}^{(21)}m_{102}^{(22)}-m_{100}^{(10)}m_{010}^{(11)}m_{200}^{(22)}m_{102}^{(21)}+2m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(10)}m_{102}^{(22)}\\
&-2m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{102}^{(21)}-2m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(21)}m_{201}^{(22)}+2m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(22)}m_{201}^{(21)}\\
&-m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(10)}m_{201}^{(22)}+m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(20)}m_{201}^{(21)}+m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(21)}m_{300}^{(22)}\\
&-m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(22)}m_{300}^{(21)}-m_{100}^{(10)}m_{010}^{(20)}m_{200}^{(11)}m_{003}^{(21)}+m_{100}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{012}^{(21)}\\
&+m_{100}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{003}^{(11)}-m_{100}^{(10)}m_{010}^{(20)}m_{200}^{(22)}m_{012}^{(11)}+m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(10)}m_{012}^{(22)}\\
&-m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(10)}m_{003}^{(21)}-m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{111}^{(22)}+m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{003}^{(10)}\\
&+m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{111}^{(21)}-m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{012}^{(10)}-m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{021}^{(22)}\\
&+m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{012}^{(21)}+2m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(11)}m_{102}^{(21)}+m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{120}^{(22)}\\
&-2m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(21)}-2m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{102}^{(11)}-m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{012}^{(10)}\\
&-m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{111}^{(21)}+2m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{111}^{(11)}+m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{021}^{(10)}\\
&+m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(00)}m_{003}^{(21)}-m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(10)}m_{102}^{(22)}-m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(10)}m_{003}^{(20)}\\
&+m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(21)}m_{201}^{(22)}+m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(21)}m_{102}^{(20)}-m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(22)}m_{201}^{(21)}\\
&-2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(00)}m_{012}^{(21)}+m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(22)}+m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{102}^{(21)}\\
&+2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{012}^{(20)}-m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{210}^{(22)}-2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(20)}\\
&-m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{102}^{(10)}+m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{210}^{(21)}+m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{111}^{(10)}\\
&+m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(00)}m_{021}^{(21)}-m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{111}^{(21)}-m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{021}^{(20)}
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&-m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(11)}m_{201}^{(21)}+m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{210}^{(21)}+m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{201}^{(11)}\\
&+m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{120}^{(20)}+m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{111}^{(10)}-m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(22)}m_{111}^{(11)}\\
&-m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(22)}m_{120}^{(10)}+m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(22)}+m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(10)}m_{003}^{(21)}\\
&-m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(11)}m_{102}^{(22)}-m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(21)}-m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(20)}m_{003}^{(11)}\\
&+m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{102}^{(11)}-m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(10)}m_{102}^{(22)}+m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(10)}m_{003}^{(20)}\\
&+m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(22)}-m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{003}^{(10)}-m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{111}^{(20)}\\
&+m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{102}^{(10)}-m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(22)}-2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{102}^{(21)}\\
&-m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{012}^{(20)}+2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(11)}m_{201}^{(22)}-m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(22)}\\
&+2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(21)}+2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{102}^{(11)}+m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{012}^{(10)}\\
&-2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{201}^{(11)}+m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{120}^{(20)}-m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{111}^{(10)}\\
&+m_{100}^{(10)}m_{010}^{(21)}m_{020}^{(00)}m_{102}^{(22)}-m_{100}^{(10)}m_{010}^{(21)}m_{020}^{(20)}m_{201}^{(22)}-m_{100}^{(10)}m_{010}^{(21)}m_{020}^{(20)}m_{102}^{(20)}\\
&+m_{100}^{(10)}m_{010}^{(21)}m_{020}^{(22)}m_{201}^{(20)}-2m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(00)}m_{111}^{(22)}+m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(22)}\\
&-m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(10)}m_{102}^{(20)}+m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(22)}+2m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{111}^{(20)}\\
&+m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{102}^{(10)}-m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(22)}m_{210}^{(20)}-m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(22)}m_{201}^{(10)}\\
&+m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(00)}m_{120}^{(22)}+m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{201}^{(21)}+m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{111}^{(20)}\\
&-m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(11)}m_{300}^{(22)}-m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{210}^{(21)}-m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{201}^{(11)}\\
&-m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{120}^{(20)}-m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{111}^{(10)}+m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(22)}m_{300}^{(11)}\\
&+m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(22)}m_{210}^{(10)}-m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(10)}m_{012}^{(21)}+m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(11)}m_{102}^{(21)}\\
&+m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(20)}m_{012}^{(11)}-m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(21)}m_{102}^{(11)}+m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{102}^{(21)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{012}^{(20)}-m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(21)}+m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{012}^{(10)}\\
&+m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(20)}-m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{102}^{(10)}+m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(21)}\\
&+m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{021}^{(20)}-2m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(11)}m_{201}^{(21)}+m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(21)}\\
&-2m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{111}^{(11)}-m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{021}^{(10)}+2m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{201}^{(11)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{120}^{(20)}+m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{111}^{(10)}-m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(00)}m_{102}^{(21)}\\
&+m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(10)}m_{102}^{(20)}+m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(20)}m_{201}^{(21)}-m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(21)}m_{201}^{(20)}\\
&+2m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{111}^{(21)}-m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{201}^{(21)}-m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{111}^{(20)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(21)}-m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{111}^{(10)}+m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(21)}m_{210}^{(20)}\\
&+m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(21)}m_{201}^{(10)}-m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(00)}m_{120}^{(21)}+m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(11)}m_{300}^{(21)}\\
&+m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(20)}m_{210}^{(11)}+m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(20)}m_{120}^{(10)}-m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(21)}m_{300}^{(11)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(21)}m_{210}^{(10)}-m_{100}^{(10)}m_{001}^{(00)}m_{010}^{(10)}m_{003}^{(21)}-m_{100}^{(10)}m_{001}^{(00)}m_{010}^{(11)}m_{003}^{(20)}\\
&+m_{100}^{(10)}m_{001}^{(00)}m_{010}^{(20)}m_{003}^{(11)}+m_{100}^{(10)}m_{001}^{(00)}m_{010}^{(21)}m_{003}^{(21)}+m_{100}^{(10)}m_{001}^{(00)}m_{010}^{(21)}m_{002}^{(20)}\\
&+m_{100}^{(10)}m_{001}^{(00)}m_{010}^{(21)}m_{003}^{(10)}-m_{100}^{(10)}m_{001}^{(00)}m_{010}^{(22)}m_{003}^{(11)}-m_{100}^{(10)}m_{001}^{(00)}m_{010}^{(22)}m_{002}^{(10)}\\
&+2m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(21)}+2m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(11)}m_{012}^{(20)}-2m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{012}^{(11)}\\
&-2m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(21)}-2m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{021}^{(20)}-2m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{012}^{(10)}\\
&+2m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(22)}m_{111}^{(11)}+2m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(22)}m_{021}^{(10)}-m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{021}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(11)}m_{021}^{(20)}+m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(20)}m_{021}^{(11)}+m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{120}^{(21)}\\
&+m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{030}^{(20)}+m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{021}^{(10)}-m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(22)}m_{120}^{(11)}\\
&-m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(22)}m_{030}^{(10)}-m_{100}^{(10)}m_{001}^{(10)}m_{200}^{(11)}m_{012}^{(22)}+m_{100}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(22)}
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&+m_{100}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(21)} - m_{100}^{(10)}m_{001}^{(10)}m_{200}^{(22)}m_{021}^{(21)} - m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(22)}\\
&+m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(10)}m_{003}^{(21)} + m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(11)}m_{102}^{(22)} + m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(11)}m_{003}^{(20)}\\
&+m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(22)} - m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{003}^{(11)} - m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(22)}\\
&-2m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(21)} - m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{003}^{(10)} + m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(21)}\\
&+m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{102}^{(11)} - m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{021}^{(20)} + m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{012}^{(10)}\\
&+m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(22)} - m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(21)} + m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(22)}\\
&-m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{012}^{(20)} - m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{030}^{(22)} + m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{012}^{(11)}\\
&-m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(22)} + m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{012}^{(10)} + m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{120}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{111}^{(11)} + m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{030}^{(20)} - m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{021}^{(10)}\\
&+m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(00)}m_{003}^{(21)} + m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(22)} + m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(10)}m_{003}^{(20)}\\
&-m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{111}^{(22)} - m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(21)} - m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{012}^{(20)}\\
&-m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{003}^{(10)} - m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(21)}m_{102}^{(20)} - m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(21)}m_{003}^{(00)}\\
&+m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(22)}m_{111}^{(20)} + m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(22)}m_{102}^{(10)} + m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(22)}m_{012}^{(00)}\\
&-2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{012}^{(21)} - m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(22)} - m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(21)}\\
&-2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{012}^{(20)} - m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(11)}m_{201}^{(22)} - m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(11)}m_{102}^{(20)}\\
&+m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(22)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(21)} + m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{102}^{(11)}\\
&+2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{021}^{(20)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{012}^{(10)} + m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{210}^{(22)}\\
&+2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(21)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(20)} + m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{102}^{(10)}\\
&+2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{012}^{(00)} - m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{210}^{(21)} - m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{201}^{(11)}\\
&-m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{120}^{(20)} - 3m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{111}^{(10)} - 2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{021}^{(00)}\\
&+m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(00)}m_{021}^{(21)} + m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(21)} + m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{021}^{(20)}\\
&+m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(11)}m_{111}^{(20)} - m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(21)} - m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{111}^{(11)}\\
&-m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{030}^{(20)} - m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{021}^{(10)} - m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{210}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{120}^{(20)} - m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{111}^{(10)} - m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{021}^{(00)}\\
&+m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(22)}m_{210}^{(11)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(22)}m_{120}^{(10)} + m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(22)}m_{030}^{(00)}\\
&+m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(22)} - m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(21)} - m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{111}^{(22)}\\
&+m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{111}^{(21)} + m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(00)}m_{012}^{(22)} - m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(00)}m_{003}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(22)} - m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(10)}m_{003}^{(20)} - m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(22)}\\
&+2m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(21)} + m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{003}^{(10)} + m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(21)}m_{201}^{(22)}\\
&+m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(21)}m_{003}^{(00)} - m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{201}^{(21)} + m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{111}^{(20)}\\
&-m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{102}^{(10)} - m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{012}^{(00)} - m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{021}^{(22)}\\
&+m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{012}^{(21)} - m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(22)} + m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{012}^{(20)}\\
&+m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{120}^{(22)} - m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{012}^{(10)} + m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{210}^{(22)}\\
&-m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{012}^{(00)} - m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{210}^{(21)} - m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{120}^{(20)}\\
&+m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{111}^{(10)} + m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{021}^{(00)} - m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{020}^{(22)}m_{102}^{(10)}\\
&+m_{100}^{(10)}m_{001}^{(11)}m_{020}^{(20)}m_{201}^{(22)} + m_{100}^{(10)}m_{001}^{(11)}m_{020}^{(20)}m_{102}^{(20)} - m_{100}^{(10)}m_{001}^{(11)}m_{020}^{(22)}m_{201}^{(20)}\\
&+m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{111}^{(22)} + m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{102}^{(21)} + m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(22)}\\
&+m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(10)}m_{102}^{(20)} - m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{210}^{(22)} - 2m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(21)}
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&-2m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(20)} - m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{102}^{(10)} - m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(21)}m_{300}^{(22)}\\
&-m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(21)}m_{102}^{(00)} + m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(22)}m_{300}^{(21)} + m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(22)}m_{210}^{(20)}\\
&+m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(22)}m_{201}^{(10)} + m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(22)}m_{111}^{(00)} - m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(00)}m_{111}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{111}^{(20)} + m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(21)} + m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{120}^{(20)}\\
&+m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{111}^{(10)} + m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(21)}m_{111}^{(00)} - m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(22)}m_{210}^{(10)}\\
&-m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(22)}m_{120}^{(00)} + m_{100}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{012}^{(21)} - m_{100}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{012}^{(11)} + m_{100}^{(10)}m_{001}^{(20)}m_{200}^{(22)}m_{021}^{(11)} - m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{102}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{012}^{(20)} - m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(21)} + m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{012}^{(11)}\\
&+2m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(21)} + m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{102}^{(11)} + m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(20)}\\
&-2m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{111}^{(11)} - m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(21)} + m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{021}^{(20)}\\
&+m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(21)} - m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{021}^{(11)} + m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{111}^{(11)}\\
&-m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{030}^{(20)} - m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{003}^{(11)} + m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(11)}m_{102}^{(20)}\\
&+m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(11)}m_{003}^{(00)} + m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(21)} + m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{012}^{(10)}\\
&-m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(21)} - m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(20)} - m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{102}^{(10)}\\
&-m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{012}^{(00)} + m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(22)}m_{201}^{(11)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{012}^{(11)}\\
&+m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{201}^{(21)} - m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{111}^{(20)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{012}^{(00)}\\
&-m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(21)} - m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{111}^{(11)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{021}^{(10)}\\
&-m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{201}^{(11)} + m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(20)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{111}^{(10)}\\
&+2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{021}^{(00)} - m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(00)}m_{021}^{(11)} + m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(11)}m_{021}^{(00)}\\
&+m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(20)}m_{120}^{(11)} + m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(20)}m_{030}^{(10)} - m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(21)}m_{120}^{(10)}\\
&-m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(21)}m_{030}^{(00)} - m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(22)} - m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(21)}\\
&+m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(22)} + m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(21)} + m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{012}^{(11)}\\
&-m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(22)}m_{111}^{(11)} - m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{021}^{(22)} + m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{003}^{(11)}\\
&+2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(22)} + m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(21)} + m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{012}^{(20)}\\
&-m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(22)} - m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(11)}m_{003}^{(00)} - m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(21)}\\
&-2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{102}^{(11)} - m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{012}^{(10)} - m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(20)}\\
&+m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{102}^{(10)} + m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{201}^{(11)} + m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{021}^{(00)}\\
&+m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{030}^{(22)} - m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{012}^{(11)} + m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(20)} - m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(22)} + m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{012}^{(00)}\\
&-m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(21)} + m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{021}^{(10)} + m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(20)}\\
&-m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{111}^{(10)} + m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(22)}m_{210}^{(11)} - m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(22)}m_{030}^{(00)}\\
&+m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(22)} - m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(22)} - m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(10)}m_{102}^{(20)}\\
&+m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(21)}m_{201}^{(20)} + m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(21)}m_{102}^{(00)} - m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(22)}m_{111}^{(00)}\\
&-m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{120}^{(22)} - m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{102}^{(11)} - m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(21)}\\
&+m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(20)} + m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(11)}m_{300}^{(22)} + m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(11)}m_{102}^{(00)}\\
&+m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(21)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{201}^{(11)} + m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{111}^{(10)}\\
&-m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(20)} - m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{201}^{(10)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{111}^{(00)}\\
&-m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(22)}m_{300}^{(11)} + m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(22)}m_{120}^{(00)} + m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(00)}m_{111}^{(11)}
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&-m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(11)}m_{111}^{(00)} - m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(20)}m_{210}^{(11)} - m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(20)}m_{120}^{(10)}\\
&+m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(21)}m_{210}^{(10)} + m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(21)}m_{120}^{(00)} + m_{100}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(21)} - m_{100}^{(10)}m_{001}^{(22)}m_{200}^{(20)}m_{021}^{(11)} + m_{100}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{111}^{(11)}\\
&+m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{021}^{(21)} - m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{012}^{(11)} - 2m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(21)}\\
&+m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{201}^{(21)} + m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{012}^{(00)} + 2m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{111}^{(11)}\\
&-m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{201}^{(11)} - m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{021}^{(00)} - m_{100}^{(10)}m_{001}^{(22)}m_{101}^{(00)}m_{030}^{(21)}\\
&+m_{100}^{(10)}m_{001}^{(22)}m_{101}^{(00)}m_{021}^{(11)} + m_{100}^{(10)}m_{001}^{(22)}m_{101}^{(11)}m_{210}^{(21)} - m_{100}^{(10)}m_{001}^{(22)}m_{101}^{(11)}m_{021}^{(00)}\\
&-m_{100}^{(10)}m_{001}^{(22)}m_{101}^{(21)}m_{210}^{(11)} + m_{100}^{(10)}m_{001}^{(22)}m_{101}^{(21)}m_{030}^{(00)} - m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(21)}\\
&+m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{102}^{(11)} + m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(21)} - m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(11)}m_{102}^{(00)}\\
&-m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{201}^{(11)} + m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(21)}m_{111}^{(00)} + m_{100}^{(10)}m_{001}^{(22)}m_{011}^{(00)}m_{120}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(22)}m_{011}^{(00)}m_{111}^{(11)} - m_{100}^{(10)}m_{001}^{(22)}m_{011}^{(11)}m_{300}^{(21)} + m_{100}^{(10)}m_{001}^{(22)}m_{011}^{(11)}m_{111}^{(00)}\\
&+m_{100}^{(10)}m_{001}^{(22)}m_{011}^{(21)}m_{300}^{(11)} - m_{100}^{(10)}m_{001}^{(22)}m_{011}^{(21)}m_{120}^{(00)} - (m_{100}^{(11)})^2m_{110}^{(00)}m_{003}^{(22)}\\
&+(m_{100}^{(11)})^2m_{110}^{(20)}m_{102}^{(22)} + (m_{100}^{(11)})^2m_{110}^{(20)}m_{003}^{(20)} - (m_{100}^{(11)})^2m_{110}^{(22)}m_{102}^{(20)}\\
&+(m_{100}^{(11)})^2m_{101}^{(00)}m_{012}^{(22)} - (m_{100}^{(11)})^2m_{101}^{(20)}m_{111}^{(22)} - (m_{100}^{(11)})^2m_{101}^{(20)}m_{012}^{(20)}\\
&+(m_{100}^{(11)})^2m_{101}^{(22)}m_{111}^{(20)} + (m_{100}^{(11)})^2m_{011}^{(00)}m_{102}^{(22)} - (m_{100}^{(11)})^2m_{011}^{(20)}m_{201}^{(22)}\\
&-(m_{100}^{(11)})^2m_{011}^{(20)}m_{102}^{(20)} + (m_{100}^{(11)})^2m_{011}^{(22)}m_{201}^{(20)} - (m_{100}^{(11)})^2m_{002}^{(00)}m_{111}^{(22)}\\
&+(m_{100}^{(11)})^2m_{002}^{(20)}m_{210}^{(22)} + (m_{100}^{(11)})^2m_{002}^{(20)}m_{111}^{(20)} - (m_{100}^{(11)})^2m_{002}^{(22)}m_{210}^{(20)}\\
&-m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(10)}m_{012}^{(22)} - m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(10)}m_{003}^{(21)} + 2m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(20)}m_{012}^{(21)}\\
&+m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(21)}m_{111}^{(22)} + m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(21)}m_{003}^{(10)} - m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(22)}m_{111}^{(21)}\\
&-m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(22)}m_{012}^{(10)} + m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(10)}m_{021}^{(22)} + m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(10)}m_{012}^{(21)}\\
&-2m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(20)}m_{021}^{(21)} - m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(21)}m_{120}^{(22)} - m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(21)}m_{012}^{(10)}\\
&+m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(22)}m_{120}^{(21)} + m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(22)}m_{021}^{(10)} - m_{100}^{(11)}m_{100}^{(20)}m_{020}^{(00)}m_{003}^{(21)}\\
&+m_{100}^{(11)}m_{100}^{(20)}m_{020}^{(10)}m_{102}^{(22)} + m_{100}^{(11)}m_{100}^{(20)}m_{020}^{(10)}m_{003}^{(20)} - m_{100}^{(11)}m_{100}^{(20)}m_{020}^{(21)}m_{201}^{(22)}\\
&-m_{100}^{(11)}m_{100}^{(20)}m_{020}^{(21)}m_{102}^{(20)} + m_{100}^{(11)}m_{100}^{(20)}m_{020}^{(22)}m_{201}^{(21)} + 2m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(00)}m_{012}^{(21)}\\
&-m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(10)}m_{111}^{(22)} + m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(10)}m_{102}^{(21)} - 2m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(10)}m_{012}^{(20)}\\
&-2m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{111}^{(21)} + m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(21)}m_{210}^{(22)} + 2m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(21)}m_{111}^{(20)}\\
&-m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(21)}m_{102}^{(10)} - m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(22)}m_{210}^{(21)} + m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(22)}m_{111}^{(10)}\\
&-m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(00)}m_{021}^{(21)} - m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(10)}m_{111}^{(21)} + m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(10)}m_{021}^{(20)}\\
&+2m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(20)}m_{120}^{(21)} - m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(21)}m_{120}^{(20)} + m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(21)}m_{111}^{(10)}\\
&-m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(22)}m_{120}^{(10)} + 2m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(00)}m_{012}^{(22)} + 2m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(00)}m_{003}^{(21)}\\
&-m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(10)}m_{102}^{(22)} - m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(10)}m_{003}^{(20)} - m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(20)}m_{111}^{(22)}\\
&-2m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(20)}m_{102}^{(21)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(20)}m_{012}^{(20)} - m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(20)}m_{003}^{(10)}\\
&+2m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(21)}m_{102}^{(20)} + m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(22)}m_{111}^{(20)} + m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(22)}m_{102}^{(10)}\\
&-2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(00)}m_{021}^{(22)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(00)}m_{012}^{(21)} + m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(10)}m_{111}^{(22)}\\
&+m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(10)}m_{012}^{(20)} + m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{120}^{(22)} + 2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{111}^{(21)}\\
&+2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{021}^{(20)} + m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{012}^{(10)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(21)}m_{111}^{(20)}\\
&-m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(22)}m_{120}^{(20)} - m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(22)}m_{111}^{(10)} - m_{100}^{(11)}m_{100}^{(21)}m_{020}^{(00)}m_{102}^{(22)}\\
&+m_{100}^{(11)}m_{100}^{(21)}m_{020}^{(20)}m_{201}^{(22)} + m_{100}^{(11)}m_{100}^{(21)}m_{020}^{(20)}m_{102}^{(20)} - m_{100}^{(11)}m_{100}^{(21)}m_{020}^{(22)}m_{201}^{(20)}
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&-2m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(00)}m_{102}^{(21)}+m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(10)}m_{201}^{(22)}+m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(10)}m_{102}^{(20)}\\
&-m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(20)}m_{210}^{(22)}+2m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(20)}m_{201}^{(21)}+m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(20)}m_{102}^{(10)}\\
&-2m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(21)}m_{201}^{(20)}+m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(22)}m_{210}^{(20)}-m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(22)}m_{201}^{(10)}\\
&+m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(00)}m_{120}^{(22)}+2m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(00)}m_{111}^{(21)}-m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(10)}m_{210}^{(22)}\\
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&-2m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(00)}m_{012}^{(21)}+m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(10)}m_{102}^{(21)}+m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(10)}m_{012}^{(20)}\\
&+m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(20)}m_{111}^{(21)}+m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(20)}m_{012}^{(10)}-m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(21)}m_{111}^{(20)}\\
&-m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(21)}m_{102}^{(10)}+2m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(00)}m_{021}^{(21)}-m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(10)}m_{111}^{(21)}\\
&-m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(10)}m_{021}^{(20)}-m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(20)}m_{120}^{(21)}-m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(20)}m_{021}^{(10)}\\
&+m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(21)}m_{120}^{(20)}+m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(21)}m_{111}^{(10)}+m_{100}^{(11)}m_{100}^{(22)}m_{020}^{(00)}m_{102}^{(21)}\\
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&-m_{100}^{(11)}m_{100}^{(22)}m_{011}^{(10)}m_{201}^{(21)}+m_{100}^{(11)}m_{100}^{(22)}m_{011}^{(10)}m_{111}^{(20)}+m_{100}^{(11)}m_{100}^{(22)}m_{011}^{(20)}m_{210}^{(21)}\\
&-m_{100}^{(11)}m_{100}^{(22)}m_{011}^{(20)}m_{111}^{(10)}-m_{100}^{(11)}m_{100}^{(22)}m_{011}^{(21)}m_{210}^{(20)}+m_{100}^{(11)}m_{100}^{(22)}m_{011}^{(21)}m_{201}^{(10)}\\
&-m_{100}^{(11)}m_{100}^{(22)}m_{002}^{(00)}m_{120}^{(21)}+m_{100}^{(11)}m_{100}^{(22)}m_{002}^{(10)}m_{210}^{(21)}+m_{100}^{(11)}m_{100}^{(22)}m_{002}^{(20)}m_{120}^{(10)}\\
&-m_{100}^{(11)}m_{100}^{(22)}m_{002}^{(21)}m_{210}^{(10)}-m_{100}^{(11)}m_{010}^{(10)}m_{200}^{(10)}m_{003}^{(22)}+m_{100}^{(11)}m_{010}^{(10)}m_{200}^{(20)}m_{012}^{(22)}\\
&+m_{100}^{(11)}m_{010}^{(10)}m_{200}^{(21)}m_{003}^{(20)}-m_{100}^{(11)}m_{010}^{(10)}m_{200}^{(22)}m_{012}^{(20)}+2m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(10)}m_{102}^{(22)}\\
&-2m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(20)}m_{111}^{(22)}-2m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(21)}m_{102}^{(20)}+2m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(22)}m_{111}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(10)}m_{201}^{(22)}+m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(20)}m_{210}^{(22)}+m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(21)}m_{201}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(22)}m_{210}^{(20)}+m_{100}^{(11)}m_{010}^{(11)}m_{200}^{(00)}m_{003}^{(22)}-m_{100}^{(11)}m_{010}^{(11)}m_{200}^{(20)}m_{102}^{(22)}\\
&-m_{100}^{(11)}m_{010}^{(11)}m_{200}^{(20)}m_{003}^{(20)}+m_{100}^{(11)}m_{010}^{(11)}m_{200}^{(22)}m_{102}^{(20)}-2m_{100}^{(11)}m_{010}^{(11)}m_{101}^{(00)}m_{102}^{(22)}\\
&+2m_{100}^{(11)}m_{010}^{(11)}m_{101}^{(20)}m_{201}^{(22)}+2m_{100}^{(11)}m_{010}^{(11)}m_{101}^{(20)}m_{102}^{(20)}-2m_{100}^{(11)}m_{010}^{(11)}m_{101}^{(22)}m_{201}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(11)}m_{002}^{(00)}m_{201}^{(22)}-m_{100}^{(11)}m_{010}^{(11)}m_{002}^{(20)}m_{300}^{(22)}-m_{100}^{(11)}m_{010}^{(11)}m_{002}^{(20)}m_{201}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(11)}m_{002}^{(22)}m_{300}^{(20)}+m_{100}^{(11)}m_{010}^{(20)}m_{200}^{(10)}m_{003}^{(21)}-m_{100}^{(11)}m_{010}^{(20)}m_{200}^{(20)}m_{012}^{(21)}\\
&-m_{100}^{(11)}m_{010}^{(20)}m_{200}^{(21)}m_{003}^{(10)}+m_{100}^{(11)}m_{010}^{(20)}m_{200}^{(22)}m_{012}^{(10)}-2m_{100}^{(11)}m_{010}^{(20)}m_{200}^{(10)}m_{101}^{(21)}m_{102}^{(10)}\\
&+2m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{111}^{(21)}+2m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(21)}m_{102}^{(10)}-2m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(22)}m_{111}^{(10)}\\
&+m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(10)}m_{201}^{(21)}-m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(21)}m_{210}^{(20)}-m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(21)}m_{201}^{(10)}\\
&+m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(22)}m_{210}^{(10)}-m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(00)}m_{012}^{(22)}-m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{003}^{(21)}\\
&+m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(10)}m_{102}^{(22)}+m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(20)}+m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{003}^{(10)}\\
&+m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{003}^{(10)}-m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(21)}m_{102}^{(20)}-m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{102}^{(10)}\\
&+2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(00)}m_{111}^{(22)}+2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(00)}m_{102}^{(21)}-2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(10)}m_{201}^{(22)}\\
&-2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{201}^{(21)}-2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(20)}-2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{102}^{(10)}\\
&+2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(21)}m_{201}^{(20)}+2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(22)}m_{201}^{(10)}-m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(00)}m_{210}^{(22)}\\
&-m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(00)}m_{201}^{(21)}+m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(10)}m_{300}^{(22)}+m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(20)}m_{300}^{(21)}\\
&+m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(20)}m_{210}^{(20)}+m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(20)}m_{201}^{(10)}-m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(21)}m_{300}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(22)}m_{300}^{(10)}+m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(00)}m_{012}^{(21)}-m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(10)}m_{102}^{(21)}\\
&-m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(20)}m_{012}^{(10)}+m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(21)}m_{102}^{(10)}-2m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(00)}m_{111}^{(21)}\\
&+2m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(10)}m_{201}^{(21)}+2m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(20)}m_{111}^{(10)}-2m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(21)}m_{201}^{(10)}
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&+m_{100}^{(11)}m_{010}^{(22)}m_{002}^{(00)}m_{210}^{(21)} - m_{100}^{(11)}m_{010}^{(22)}m_{002}^{(10)}m_{300}^{(21)} - m_{100}^{(11)}m_{010}^{(22)}m_{002}^{(20)}m_{210}^{(10)}\\
&+m_{100}^{(11)}m_{010}^{(22)}m_{002}^{(21)}m_{300}^{(10)} + m_{100}^{(11)}m_{001}^{(00)}m_{020}^{(10)}m_{003}^{(20)} - m_{100}^{(11)}m_{001}^{(00)}m_{020}^{(20)}m_{003}^{(10)}\\
&-m_{100}^{(11)}m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(20)} + m_{100}^{(11)}m_{001}^{(00)}m_{020}^{(22)}m_{102}^{(10)} - 2m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(20)}\\
&+2m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{012}^{(10)} + 2m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(20)} - 2m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(22)}m_{111}^{(10)}\\
&+m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(10)}m_{021}^{(20)} - m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(20)}m_{021}^{(10)} - m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(21)}m_{120}^{(20)}\\
&+m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(22)}m_{120}^{(10)} + m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(10)}m_{012}^{(22)} - m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{021}^{(22)}\\
&-m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(20)} + m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{021}^{(20)} - m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(22)}\\
&-m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(10)}m_{003}^{(20)} + m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(22)} + m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{003}^{(10)}\\
&+2m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(20)} - m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(20)} - m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(22)}m_{102}^{(10)}\\
&-m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(22)} + m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(20)} + m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{120}^{(22)}\\
&-m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{012}^{(10)} - m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{120}^{(20)} + m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{111}^{(10)}\\
&-m_{100}^{(11)}m_{001}^{(10)}m_{020}^{(00)}m_{003}^{(20)} + m_{100}^{(11)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(20)} + m_{100}^{(11)}m_{001}^{(10)}m_{020}^{(20)}m_{003}^{(00)}\\
&-m_{100}^{(11)}m_{001}^{(10)}m_{020}^{(22)}m_{102}^{(00)} + 2m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(00)}m_{012}^{(20)} + m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(22)}\\
&+m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(20)} - m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(22)} - 2m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{102}^{(10)} - 2m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{012}^{(00)} - 2m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(20)}\\
&+m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(22)}m_{210}^{(20)} + m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(22)}m_{201}^{(10)} + 2m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(22)}m_{111}^{(00)}\\
&-m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(00)}m_{021}^{(20)} - m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(20)} + m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(20)}\\
&+m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{111}^{(10)} + m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(00)}m_{021}^{(20)} + m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(21)}m_{210}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(22)}m_{210}^{(10)} - m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(22)}m_{120}^{(00)} - m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(00)}m_{012}^{(22)}\\
&+m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(20)}m_{111}^{(22)} + m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(20)} - m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(22)}m_{111}^{(20)}\\
&+m_{100}^{(11)}m_{001}^{(11)}m_{110}^{(00)}m_{102}^{(22)} + m_{100}^{(11)}m_{001}^{(11)}m_{110}^{(00)}m_{003}^{(20)} - m_{100}^{(11)}m_{001}^{(11)}m_{110}^{(20)}m_{201}^{(22)}\\
&-2m_{100}^{(11)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(20)} - m_{100}^{(11)}m_{001}^{(11)}m_{110}^{(20)}m_{003}^{(00)} + m_{100}^{(11)}m_{001}^{(11)}m_{110}^{(22)}m_{201}^{(20)}\\
&+m_{100}^{(11)}m_{001}^{(11)}m_{110}^{(22)}m_{102}^{(00)} + m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(00)}m_{111}^{(22)} - m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(00)}m_{012}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(20)}m_{210}^{(22)} + m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(20)}m_{012}^{(00)} + m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(22)}m_{210}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(22)}m_{111}^{(00)} - m_{100}^{(11)}m_{001}^{(11)}m_{011}^{(00)}m_{201}^{(22)} - m_{100}^{(11)}m_{001}^{(11)}m_{011}^{(00)}m_{102}^{(20)}\\
&+m_{100}^{(11)}m_{001}^{(11)}m_{011}^{(20)}m_{300}^{(22)} + 2m_{100}^{(11)}m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(20)} + m_{100}^{(11)}m_{001}^{(11)}m_{011}^{(20)}m_{102}^{(00)}\\
&-m_{100}^{(11)}m_{001}^{(11)}m_{011}^{(22)}m_{300}^{(20)} - m_{100}^{(11)}m_{001}^{(11)}m_{011}^{(22)}m_{201}^{(00)} + m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(00)}m_{111}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(20)} - m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(20)}m_{111}^{(00)} + m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(22)}m_{210}^{(00)}\\
&-m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{012}^{(21)} + m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{021}^{(21)} + m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{012}^{(10)}\\
&-m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(22)}m_{021}^{(10)} + m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{102}^{(21)} + m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(21)} - m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{012}^{(10)} - m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{102}^{(10)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(22)}m_{111}^{(10)} + m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(21)}\\
&-m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(20)} - m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(21)} + m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{021}^{(10)}\\
&+m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(20)} - m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{111}^{(10)} + m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(00)}m_{003}^{(10)}\\
&-m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(20)} - m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(10)}m_{003}^{(00)} + m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(20)}\\
&+m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(21)}m_{102}^{(00)} - m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(22)}m_{201}^{(10)} - 2m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{012}^{(10)}\\
&-m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(21)} + m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(20)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{012}^{(00)}\\
&+m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(21)} + m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{111}^{(10)} - m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(20)}
\end{aligned}
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\begin{aligned}
&+m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{201}^{(10)} - 2m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{111}^{(00)} + m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(00)}m_{021}^{(10)}\\
&-m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(10)}m_{021}^{(00)} - m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(20)}m_{120}^{(10)} + m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(21)}m_{120}^{(00)}\\
&+m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(22)} + m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{012}^{(21)} - m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(22)}\\
&-m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(21)} - m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(20)} - m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{012}^{(10)}\\
&+m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(20)} + m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(22)}m_{111}^{(10)} - m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(22)}\\
&-m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{102}^{(21)} - m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{012}^{(20)} - m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{003}^{(10)}\\
&+m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(22)} + m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(10)}m_{003}^{(00)} + m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(21)}\\
&+2m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(20)} + 2m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{102}^{(10)} + m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{012}^{(00)}\\
&-m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(20)} - m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(21)}m_{102}^{(00)} - m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(22)}m_{201}^{(10)}\\
&-m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(22)}m_{111}^{(00)} - m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(22)} - m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(21)}\\
&+m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{021}^{(20)} + m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{012}^{(10)} + m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(22)}\\
&-m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{012}^{(00)} + m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(21)} - m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{021}^{(00)}\\
&-m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(20)} + m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{111}^{(00)} - m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(22)}m_{210}^{(10)}\\
&+m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(22)}m_{120}^{(00)} + m_{100}^{(11)}m_{001}^{(21)}m_{020}^{(00)}m_{102}^{(20)} - m_{100}^{(11)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(21)}m_{020}^{(20)}m_{102}^{(00)} + m_{100}^{(11)}m_{001}^{(21)}m_{020}^{(22)}m_{201}^{(00)} + m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(22)}\\
&+m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{201}^{(21)} - m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(20)} + m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{102}^{(10)}\\
&-m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(22)} - m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(10)}m_{102}^{(00)} - m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(21)}\\
&-2m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{201}^{(10)} + m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{111}^{(00)} + m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(20)}\\
&+m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(21)}m_{201}^{(00)} + m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(22)}m_{300}^{(10)} - m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(22)}m_{210}^{(00)}\\
&-m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(00)}m_{111}^{(10)} + m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(10)}m_{111}^{(00)} + m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(20)}m_{210}^{(10)}\\
&-m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(21)}m_{210}^{(00)} - m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(00)}m_{021}^{(21)} + m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{111}^{(21)}\\
&+m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(20)}m_{021}^{(10)} - m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(21)}m_{111}^{(10)} + m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{111}^{(21)}\\
&+m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{012}^{(10)} - m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{201}^{(21)} - m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{012}^{(00)}\\
&-2m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(20)}m_{111}^{(10)} + m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(21)}m_{201}^{(10)} + m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(21)}m_{111}^{(00)}\\
&+m_{100}^{(11)}m_{001}^{(22)}m_{101}^{(00)}m_{120}^{(21)} - m_{100}^{(11)}m_{001}^{(22)}m_{101}^{(00)}m_{021}^{(10)} - m_{100}^{(11)}m_{001}^{(22)}m_{101}^{(10)}m_{210}^{(21)}\\
&+m_{100}^{(11)}m_{001}^{(22)}m_{101}^{(10)}m_{021}^{(00)} + m_{100}^{(11)}m_{001}^{(22)}m_{101}^{(21)}m_{210}^{(10)} - m_{100}^{(11)}m_{001}^{(22)}m_{101}^{(21)}m_{120}^{(00)}\\
&-m_{100}^{(11)}m_{001}^{(22)}m_{020}^{(00)}m_{102}^{(10)} + m_{100}^{(11)}m_{001}^{(22)}m_{020}^{(10)}m_{102}^{(00)} + m_{100}^{(11)}m_{001}^{(22)}m_{020}^{(20)}m_{201}^{(10)}\\
&-m_{100}^{(11)}m_{001}^{(22)}m_{020}^{(21)}m_{201}^{(00)} - m_{100}^{(11)}m_{001}^{(22)}m_{011}^{(00)}m_{210}^{(21)} + m_{100}^{(11)}m_{001}^{(22)}m_{011}^{(00)}m_{111}^{(10)}\\
&+m_{100}^{(11)}m_{001}^{(22)}m_{011}^{(10)}m_{300}^{(21)} - m_{100}^{(11)}m_{001}^{(22)}m_{011}^{(10)}m_{111}^{(00)} - m_{100}^{(11)}m_{001}^{(22)}m_{011}^{(21)}m_{300}^{(10)}\\
&+m_{100}^{(11)}m_{001}^{(22)}m_{011}^{(21)}m_{210}^{(00)} - (m_{100}^{(20)})^2m_{110}^{(11)}m_{012}^{(21)} + (m_{100}^{(20)})^2m_{110}^{(21)}m_{021}^{(21)}\\
&+(m_{100}^{(20)})^2m_{110}^{(21)}m_{012}^{(11)} - (m_{100}^{(20)})^2m_{110}^{(22)}m_{021}^{(11)} + (m_{100}^{(20)})^2m_{101}^{(11)}m_{021}^{(21)}\\
&-(m_{100}^{(20)})^2m_{101}^{(21)}m_{030}^{(21)} - (m_{100}^{(20)})^2m_{101}^{(21)}m_{021}^{(11)} + (m_{100}^{(20)})^2m_{101}^{(22)}m_{030}^{(11)}\\
&-(m_{100}^{(20)})^2m_{020}^{(10)}m_{003}^{(11)} + (m_{100}^{(20)})^2m_{020}^{(11)}m_{102}^{(21)} + (m_{100}^{(20)})^2m_{020}^{(11)}m_{003}^{(10)}\\
&+(m_{100}^{(20)})^2m_{020}^{(20)}m_{012}^{(11)} - (m_{100}^{(20)})^2m_{020}^{(21)}m_{111}^{(21)} - (m_{100}^{(20)})^2m_{020}^{(21)}m_{102}^{(11)}\\
&-(m_{100}^{(20)})^2m_{020}^{(21)}m_{012}^{(10)} + (m_{100}^{(20)})^2m_{020}^{(22)}m_{111}^{(11)} + 2(m_{100}^{(20)})^2m_{011}^{(10)}m_{012}^{(11)}\\
&-(m_{100}^{(20)})^2m_{011}^{(11)}m_{111}^{(21)} - 2(m_{100}^{(20)})^2m_{011}^{(11)}m_{012}^{(10)} - 2(m_{100}^{(20)})^2m_{011}^{(20)}m_{021}^{(11)}\\
&+(m_{100}^{(20)})^2m_{011}^{(21)}m_{120}^{(21)} + (m_{100}^{(20)})^2m_{011}^{(21)}m_{111}^{(11)} + 2(m_{100}^{(20)})^2m_{011}^{(21)}m_{021}^{(10)}\\
&-(m_{100}^{(20)})^2m_{011}^{(22)}m_{120}^{(11)} - (m_{100}^{(20)})^2m_{002}^{(10)}m_{021}^{(11)} + (m_{100}^{(20)})^2m_{002}^{(11)}m_{021}^{(10)}
\end{aligned}
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\begin{aligned}
&+(m_{100}^{(20)})^2 m_{002}^{(20)} m_{030}^{(11)} - (m_{100}^{(20)})^2 m_{002}^{(21)} m_{030}^{(10)} + m_{100}^{(20)} m_{100}^{(21)} m_{110}^{(10)} m_{021}^{(22)} \\
&+2m_{100}^{(20)} m_{100}^{(21)} m_{110}^{(10)} m_{012}^{(21)} + m_{100}^{(20)} m_{100}^{(21)} m_{110}^{(10)} m_{003}^{(11)} - m_{100}^{(20)} m_{100}^{(21)} m_{110}^{(11)} m_{111}^{(22)} \\
&-m_{100}^{(20)} m_{100}^{(21)} m_{110}^{(11)} m_{003}^{(10)} - 2m_{100}^{(20)} m_{100}^{(21)} m_{110}^{(20)} m_{021}^{(21)} - 2m_{100}^{(20)} m_{100}^{(21)} m_{110}^{(20)} m_{012}^{(11)} \\
&+m_{100}^{(20)} m_{100}^{(21)} m_{110}^{(22)} m_{111}^{(11)} + m_{100}^{(20)} m_{100}^{(21)} m_{110}^{(22)} m_{021}^{(10)} - m_{100}^{(20)} m_{100}^{(21)} m_{101}^{(10)} m_{030}^{(22)} \\
&-2m_{100}^{(20)} m_{100}^{(21)} m_{101}^{(10)} m_{021}^{(21)} - m_{100}^{(20)} m_{100}^{(21)} m_{101}^{(10)} m_{012}^{(11)} + m_{100}^{(20)} m_{100}^{(21)} m_{101}^{(11)} m_{120}^{(22)} \\
&+m_{100}^{(20)} m_{100}^{(21)} m_{101}^{(11)} m_{012}^{(10)} + 2m_{100}^{(20)} m_{100}^{(21)} m_{101}^{(20)} m_{030}^{(21)} + 2m_{100}^{(20)} m_{100}^{(21)} m_{101}^{(20)} m_{021}^{(11)} \\
&-m_{100}^{(20)} m_{100}^{(21)} m_{101}^{(22)} m_{120}^{(11)} - m_{100}^{(20)} m_{100}^{(21)} m_{101}^{(22)} m_{030}^{(10)} + m_{100}^{(20)} m_{100}^{(21)} m_{020}^{(00)} m_{012}^{(21)} \\
&+m_{100}^{(20)} m_{100}^{(21)} m_{020}^{(00)} m_{003}^{(11)} - m_{100}^{(20)} m_{100}^{(21)} m_{020}^{(10)} m_{111}^{(22)} - 3m_{100}^{(20)} m_{100}^{(21)} m_{020}^{(10)} m_{102}^{(21)} \\
&-m_{100}^{(20)} m_{100}^{(21)} m_{020}^{(10)} m_{012}^{(20)} - m_{100}^{(20)} m_{100}^{(21)} m_{020}^{(10)} m_{003}^{(10)} + m_{100}^{(20)} m_{100}^{(21)} m_{020}^{(11)} m_{201}^{(22)} \\
&+m_{100}^{(20)} m_{100}^{(21)} m_{020}^{(11)} m_{102}^{(20)} + 2m_{100}^{(20)} m_{100}^{(21)} m_{020}^{(20)} m_{111}^{(21)} + 2m_{100}^{(20)} m_{100}^{(21)} m_{020}^{(21)} m_{102}^{(10)} \\
&-m_{100}^{(20)} m_{100}^{(21)} m_{020}^{(22)} m_{201}^{(11)} - m_{100}^{(20)} m_{100}^{(21)} m_{020}^{(22)} m_{111}^{(10)} - 2m_{100}^{(20)} m_{100}^{(21)} m_{011}^{(00)} m_{021}^{(21)} \\
&-2m_{100}^{(20)} m_{100}^{(21)} m_{011}^{(00)} m_{012}^{(11)} + m_{100}^{(20)} m_{100}^{(21)} m_{011}^{(10)} m_{120}^{(22)} + 4m_{100}^{(20)} m_{100}^{(21)} m_{011}^{(10)} m_{111}^{(21)} \\
&-m_{100}^{(20)} m_{100}^{(21)} m_{011}^{(10)} m_{102}^{(11)} + 2m_{100}^{(20)} m_{100}^{(21)} m_{011}^{(10)} m_{021}^{(20)} + 2m_{100}^{(20)} m_{100}^{(21)} m_{011}^{(10)} m_{012}^{(10)} \\
&-m_{100}^{(20)} m_{100}^{(21)} m_{011}^{(11)} m_{210}^{(22)} - 2m_{100}^{(20)} m_{100}^{(21)} m_{011}^{(11)} m_{111}^{(20)} + m_{100}^{(20)} m_{100}^{(21)} m_{011}^{(11)} m_{102}^{(10)} \\
&-2m_{100}^{(20)} m_{100}^{(21)} m_{011}^{(20)} m_{120}^{(21)} + 2m_{100}^{(20)} m_{100}^{(21)} m_{011}^{(20)} m_{111}^{(11)} - 4m_{100}^{(20)} m_{100}^{(21)} m_{011}^{(21)} m_{111}^{(10)} \\
&+m_{100}^{(20)} m_{100}^{(21)} m_{011}^{(22)} m_{210}^{(11)} + m_{100}^{(20)} m_{100}^{(21)} m_{011}^{(22)} m_{120}^{(10)} + m_{100}^{(20)} m_{100}^{(21)} m_{002}^{(00)} m_{030}^{(21)} \\
&+m_{100}^{(20)} m_{100}^{(21)} m_{002}^{(00)} m_{021}^{(11)} - m_{100}^{(20)} m_{100}^{(21)} m_{002}^{(10)} m_{120}^{(21)} + m_{100}^{(20)} m_{100}^{(21)} m_{002}^{(10)} m_{111}^{(11)} \\
&-m_{100}^{(20)} m_{100}^{(21)} m_{002}^{(10)} m_{030}^{(20)} - m_{100}^{(20)} m_{100}^{(21)} m_{002}^{(10)} m_{021}^{(10)} + m_{100}^{(20)} m_{100}^{(21)} m_{002}^{(11)} m_{120}^{(20)} \\
&-m_{100}^{(20)} m_{100}^{(21)} m_{002}^{(11)} m_{111}^{(10)} - 2m_{100}^{(20)} m_{100}^{(21)} m_{002}^{(20)} m_{120}^{(11)} + 2m_{100}^{(20)} m_{100}^{(21)} m_{002}^{(21)} m_{120}^{(10)} \\
&-m_{100}^{(20)} m_{100}^{(22)} m_{110}^{(10)} m_{021}^{(21)} - m_{100}^{(20)} m_{100}^{(22)} m_{110}^{(10)} m_{012}^{(11)} + m_{100}^{(20)} m_{100}^{(22)} m_{110}^{(11)} m_{111}^{(21)} \\
&+m_{100}^{(20)} m_{100}^{(22)} m_{110}^{(11)} m_{012}^{(10)} + 2m_{100}^{(20)} m_{100}^{(22)} m_{110}^{(20)} m_{021}^{(11)} - m_{100}^{(20)} m_{100}^{(22)} m_{110}^{(21)} m_{111}^{(11)} \\
&-m_{100}^{(20)} m_{100}^{(22)} m_{110}^{(21)} m_{021}^{(10)} + m_{100}^{(20)} m_{100}^{(22)} m_{101}^{(10)} m_{030}^{(21)} + m_{100}^{(20)} m_{100}^{(22)} m_{101}^{(10)} m_{021}^{(11)} \\
&-m_{100}^{(20)} m_{100}^{(22)} m_{101}^{(11)} m_{120}^{(21)} - m_{100}^{(20)} m_{100}^{(22)} m_{101}^{(11)} m_{021}^{(10)} - 2m_{100}^{(20)} m_{100}^{(22)} m_{101}^{(20)} m_{030}^{(11)} \\
&+m_{100}^{(20)} m_{100}^{(22)} m_{101}^{(21)} m_{120}^{(11)} + m_{100}^{(20)} m_{100}^{(22)} m_{101}^{(21)} m_{030}^{(10)} - m_{100}^{(20)} m_{100}^{(22)} m_{020}^{(00)} m_{012}^{(11)} \\
&+m_{100}^{(20)} m_{100}^{(22)} m_{020}^{(10)} m_{111}^{(21)} + 2m_{100}^{(20)} m_{100}^{(22)} m_{020}^{(10)} m_{102}^{(11)} + m_{100}^{(20)} m_{100}^{(22)} m_{020}^{(10)} m_{012}^{(10)} \\
&-m_{100}^{(20)} m_{100}^{(22)} m_{020}^{(11)} m_{201}^{(21)} - 2m_{100}^{(20)} m_{100}^{(22)} m_{020}^{(11)} m_{102}^{(10)} - 2m_{100}^{(20)} m_{100}^{(22)} m_{020}^{(20)} m_{111}^{(11)} \\
&+m_{100}^{(20)} m_{100}^{(22)} m_{020}^{(21)} m_{201}^{(11)} + m_{100}^{(20)} m_{100}^{(22)} m_{020}^{(21)} m_{111}^{(10)} + 2m_{100}^{(20)} m_{100}^{(22)} m_{011}^{(00)} m_{021}^{(11)} \\
&-m_{100}^{(20)} m_{100}^{(22)} m_{011}^{(10)} m_{120}^{(21)} - 3m_{100}^{(20)} m_{100}^{(22)} m_{011}^{(10)} m_{111}^{(11)} - 2m_{100}^{(20)} m_{100}^{(22)} m_{011}^{(10)} m_{021}^{(10)} \\
&+m_{100}^{(20)} m_{100}^{(22)} m_{011}^{(11)} m_{210}^{(21)} + 3m_{100}^{(20)} m_{100}^{(22)} m_{011}^{(11)} m_{111}^{(10)} + 2m_{100}^{(20)} m_{100}^{(22)} m_{011}^{(20)} m_{120}^{(11)} \\
&-m_{100}^{(20)} m_{100}^{(22)} m_{011}^{(21)} m_{210}^{(11)} - m_{100}^{(20)} m_{100}^{(22)} m_{011}^{(21)} m_{120}^{(10)} - m_{100}^{(20)} m_{100}^{(22)} m_{002}^{(00)} m_{030}^{(11)} \\
&+m_{100}^{(20)} m_{100}^{(22)} m_{002}^{(10)} m_{120}^{(11)} + m_{100}^{(20)} m_{100}^{(22)} m_{002}^{(10)} m_{030}^{(10)} - m_{100}^{(20)} m_{100}^{(22)} m_{002}^{(11)} m_{120}^{(10)} \\
&-m_{100}^{(20)} m_{010}^{(00)} m_{020}^{(10)} m_{012}^{(22)} + m_{100}^{(20)} m_{010}^{(00)} m_{020}^{(11)} m_{102}^{(22)} + m_{100}^{(20)} m_{010}^{(00)} m_{020}^{(11)} m_{003}^{(20)} \\
&+m_{100}^{(20)} m_{010}^{(00)} m_{020}^{(20)} m_{012}^{(21)} - m_{100}^{(20)} m_{010}^{(00)} m_{020}^{(21)} m_{102}^{(21)} - m_{100}^{(20)} m_{010}^{(00)} m_{020}^{(21)} m_{012}^{(20)} \\
&-m_{100}^{(20)} m_{010}^{(00)} m_{020}^{(21)} m_{003}^{(10)} + m_{100}^{(20)} m_{010}^{(00)} m_{020}^{(22)} m_{012}^{(10)} + 2m_{100}^{(20)} m_{010}^{(00)} m_{011}^{(10)} m_{021}^{(22)} \\
&-2m_{100}^{(20)} m_{010}^{(00)} m_{011}^{(11)} m_{111}^{(22)} - 2m_{100}^{(20)} m_{010}^{(00)} m_{011}^{(11)} m_{012}^{(20)} - 2m_{100}^{(20)} m_{010}^{(00)} m_{011}^{(20)} m_{021}^{(21)} \\
&+2m_{100}^{(20)} m_{010}^{(00)} m_{011}^{(21)} m_{111}^{(21)} + 2m_{100}^{(20)} m_{010}^{(00)} m_{011}^{(21)} m_{021}^{(20)} + 2m_{100}^{(20)} m_{010}^{(00)} m_{011}^{(21)} m_{012}^{(10)} \\
&-2m_{100}^{(20)} m_{010}^{(00)} m_{011}^{(22)} m_{021}^{(10)} - m_{100}^{(20)} m_{010}^{(00)} m_{002}^{(10)} m_{030}^{(22)} + m_{100}^{(20)} m_{010}^{(00)} m_{002}^{(11)} m_{120}^{(22)} \\
&+m_{100}^{(20)} m_{010}^{(00)} m_{002}^{(11)} m_{021}^{(20)} + m_{100}^{(20)} m_{010}^{(00)} m_{002}^{(20)} m_{030}^{(21)} - m_{100}^{(20)} m_{010}^{(00)} m_{002}^{(21)} m_{120}^{(21)}
\end{aligned}
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\begin{aligned}
&-m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(21)}m_{030}^{(20)} - m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(21)}m_{021}^{(10)} + m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(22)}m_{030}^{(10)}\\
&-m_{100}^{(20)}m_{010}^{(10)}m_{200}^{(11)}m_{012}^{(22)} + m_{100}^{(20)}m_{010}^{(10)}m_{200}^{(21)}m_{021}^{(22)} + m_{100}^{(20)}m_{010}^{(10)}m_{200}^{(21)}m_{012}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(10)}m_{200}^{(22)}m_{021}^{(21)} + m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(10)}m_{012}^{(22)} - m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(10)}m_{003}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{111}^{(22)} + m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{003}^{(10)} + m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{111}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{012}^{(10)} - m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(10)}m_{021}^{(22)} + m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(10)}m_{012}^{(21)}\\
&+2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(11)}m_{111}^{(22)} - m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{120}^{(22)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{012}^{(10)} + m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(22)}m_{120}^{(21)} + m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(22)}m_{021}^{(10)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(00)}m_{012}^{(22)} - m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(10)}m_{102}^{(22)} - m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(10)}m_{003}^{(20)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(21)}m_{102}^{(20)} + m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(21)}m_{003}^{(00)} - m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(22)}m_{012}^{(00)}\\
&-2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(00)}m_{021}^{(22)} + m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{111}^{(22)} + m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{102}^{(21)}\\
&+2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{012}^{(20)} + m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{210}^{(22)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{111}^{(20)}\\
&-m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{102}^{(10)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{012}^{(00)} - m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(22)}m_{210}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(22)}m_{111}^{(10)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(22)}m_{021}^{(00)} + m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(00)}m_{030}^{(22)}\\
&-m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{111}^{(21)} - m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{021}^{(20)} - m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(11)}m_{210}^{(22)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(21)}m_{210}^{(21)} + m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(21)}m_{120}^{(20)} + m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(21)}m_{111}^{(10)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(21)}m_{021}^{(00)} - m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(22)}m_{120}^{(10)} - m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(22)}m_{030}^{(00)}\\
&+m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(10)}m_{012}^{(22)} - m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(20)}m_{012}^{(21)} - m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(21)}m_{111}^{(22)}\\
&+m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(22)}m_{111}^{(21)} - m_{100}^{(20)}m_{010}^{(11)}m_{110}^{(00)}m_{012}^{(22)} + m_{100}^{(20)}m_{010}^{(11)}m_{110}^{(00)}m_{003}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(11)}m_{110}^{(21)}m_{201}^{(22)} - m_{100}^{(20)}m_{010}^{(11)}m_{110}^{(21)}m_{003}^{(00)} - m_{100}^{(20)}m_{010}^{(11)}m_{110}^{(22)}m_{201}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(11)}m_{110}^{(22)}m_{012}^{(00)} + m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(00)}m_{012}^{(22)} - m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(00)}m_{021}^{(21)}\\
&-2m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(10)}m_{111}^{(22)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(20)}m_{111}^{(21)} + m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(21)}m_{210}^{(22)}\\
&+m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(21)}m_{012}^{(00)} - m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(22)}m_{210}^{(21)} - m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(22)}m_{021}^{(00)}\\
&+m_{100}^{(20)}m_{010}^{(11)}m_{011}^{(00)}m_{111}^{(22)} - m_{100}^{(20)}m_{010}^{(11)}m_{011}^{(00)}m_{102}^{(21)} - m_{100}^{(20)}m_{010}^{(11)}m_{011}^{(21)}m_{300}^{(22)}\\
&+m_{100}^{(20)}m_{010}^{(11)}m_{011}^{(21)}m_{102}^{(00)} + m_{100}^{(20)}m_{010}^{(11)}m_{011}^{(22)}m_{300}^{(21)} - m_{100}^{(20)}m_{010}^{(11)}m_{011}^{(22)}m_{111}^{(00)}\\
&-m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(00)}m_{120}^{(22)} + m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(00)}m_{111}^{(21)} + m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(10)}m_{210}^{(22)}\\
&-m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(20)}m_{210}^{(21)} - m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(21)}m_{111}^{(00)} + m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(22)}m_{120}^{(00)}\\
&+m_{100}^{(20)}m_{010}^{(20)}m_{200}^{(11)}m_{012}^{(21)} - m_{100}^{(20)}m_{010}^{(20)}m_{200}^{(21)}m_{021}^{(21)} - m_{100}^{(20)}m_{010}^{(20)}m_{200}^{(21)}m_{012}^{(11)}\\
&+m_{100}^{(20)}m_{010}^{(20)}m_{200}^{(22)}m_{021}^{(11)} - m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(10)}m_{021}^{(22)} + m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(10)}m_{003}^{(11)}\\
&+m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(11)}m_{111}^{(22)} - m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(11)}m_{102}^{(21)} + m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(11)}m_{012}^{(20)}\\
&-m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(11)}m_{003}^{(10)} + m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(20)}m_{021}^{(21)} - m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(11)}\\
&+m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{102}^{(11)} - m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{021}^{(20)} - m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(22)}m_{111}^{(11)}\\
&+m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(22)}m_{021}^{(10)} + m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(10)}m_{030}^{(22)} - m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(10)}m_{012}^{(11)}\\
&-m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(11)}m_{120}^{(22)} - m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(11)}m_{111}^{(21)} - m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(11)}m_{021}^{(20)}\\
&+m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(11)}m_{012}^{(10)} - m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(20)}m_{030}^{(21)} + m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(20)}m_{021}^{(11)}\\
&+2m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{120}^{(21)} + m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(11)} + m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{030}^{(20)}\\
&-m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(22)}m_{120}^{(11)} - m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(22)}m_{030}^{(10)} - m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(00)}m_{012}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(10)}m_{111}^{(22)} + m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(10)}m_{102}^{(21)} + m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(10)}m_{012}^{(20)}\\
&+m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(10)}m_{003}^{(10)} - m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(11)}m_{201}^{(22)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(11)}m_{102}^{(20)}
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&-m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(11)}m_{003}^{(00)} - m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(20)}m_{111}^{(21)} - m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(20)}m_{012}^{(10)}\\
&+m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(21)}m_{201}^{(21)} + m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(21)}m_{111}^{(20)} + m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(21)}m_{102}^{(10)}\\
&+m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(21)}m_{012}^{(00)} - m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(22)}m_{111}^{(10)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(00)}m_{021}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{120}^{(22)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(21)} - m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{102}^{(11)}\\
&-2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{021}^{(20)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{012}^{(10)} + m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(11)}m_{210}^{(22)}\\
&+m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(11)}m_{201}^{(21)} + 3m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(11)}m_{111}^{(20)} + m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(11)}m_{102}^{(10)}\\
&+2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(11)}m_{012}^{(00)} + m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(20)}m_{120}^{(21)} + m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(11)}\\
&+2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(20)}m_{021}^{(10)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{210}^{(21)} - m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{201}^{(11)}\\
&-m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{120}^{(20)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(10)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{021}^{(00)}\\
&+m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(22)}m_{210}^{(11)} + m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(22)}m_{120}^{(10)} - m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(00)}m_{030}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(10)}m_{120}^{(21)} + m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(10)}m_{111}^{(11)} + m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(10)}m_{030}^{(20)}\\
&+m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(10)}m_{021}^{(10)} - m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(11)}m_{120}^{(20)} - m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(11)}m_{111}^{(10)}\\
&-m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(11)}m_{021}^{(00)} - m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(20)}m_{120}^{(11)} - m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(20)}m_{030}^{(10)}\\
&+m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(21)}m_{120}^{(10)} + m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(21)}m_{030}^{(00)} - m_{100}^{(20)}m_{010}^{(21)}m_{010}^{(10)}m_{200}^{(22)}m_{021}\\
&-m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(21)} + m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(11)}m_{111}^{(22)} + m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(20)}m_{021}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(11)} - m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(22)}m_{111}^{(11)} + m_{100}^{(20)}m_{010}^{(21)}m_{010}^{(00)}m_{110}^{(22)}m_{021}\\
&-m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(00)}m_{003}^{(11)} + m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{102}^{(21)} - m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{012}^{(20)}\\
&-m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(11)}m_{201}^{(22)} + m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(11)}m_{003}^{(00)} - m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{012}^{(10)} + m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{111}^{(20)} - m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{102}^{(10)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(22)}m_{201}^{(11)} - m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(22)}m_{021}^{(00)} - m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(00)}m_{030}^{(22)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(00)}m_{012}^{(11)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{120}^{(22)} + m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{021}^{(20)} - m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(11)}m_{210}^{(22)} - m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(11)}m_{012}^{(00)}\\
&-m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(21)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(11)} - m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{021}^{(10)}\\
&-m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{120}^{(20)} + m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(10)} + m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(22)}m_{210}^{(11)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(22)}m_{030}^{(00)} - m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(00)}m_{111}^{(22)} + m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(10)}m_{201}^{(22)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(10)}m_{102}^{(20)} - m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(21)}m_{201}^{(20)} - m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(21)}m_{102}^{(00)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(22)}m_{111}^{(00)} + m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{120}^{(22)} + m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{102}^{(11)}\\
&-2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{210}^{(22)} - m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(21)} - m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{111}^{(20)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(11)}m_{300}^{(22)} - m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(11)}m_{102}^{(00)} + m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{111}^{(10)} + m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{210}^{(20)} + m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(10)}\\
&+2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{111}^{(00)} - m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(22)}m_{300}^{(11)} - m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(22)}m_{120}^{(00)}\\
&-m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(00)}m_{111}^{(11)} + m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(11)}m_{111}^{(00)} + m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(20)}m_{210}^{(11)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(20)}m_{120}^{(10)} - m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(21)}m_{210}^{(10)} - m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(21)}m_{120}^{(00)}\\
&+m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(10)}m_{021}^{(21)} - m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(11)}m_{111}^{(21)} - m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(11)}\\
&+m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(11)} - m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(00)}m_{021}^{(11)} + m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(00)}m_{012}^{(11)}\\
&-m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{102}^{(11)} + m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{021}^{(20)} + m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(11)}m_{201}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(11)}m_{111}^{(20)} + m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(11)}m_{102}^{(10)} - m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(11)}m_{012}^{(00)}\\
&+m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(11)} - m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{021}^{(10)} - m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(11)}
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&+m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{021}^{(00)}+m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(00)}m_{030}^{(21)}-m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(00)}m_{021}^{(11)}\\
&-2m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(10)}m_{120}^{(21)}+m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(11)}-m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(10)}m_{030}^{(20)}\\
&+m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(11)}m_{210}^{(21)}+m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(11)}m_{120}^{(20)}-m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(11)}m_{111}^{(10)}\\
&+m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(11)}m_{021}^{(00)}+m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(11)}m_{120}^{(11)}+m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(20)}m_{030}^{(10)}\\
&-m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(11)}-m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(21)}m_{030}^{(00)}+m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(00)}m_{111}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(10)}m_{201}^{(21)}-m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(10)}m_{111}^{(20)}-m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(10)}m_{102}^{(10)}\\
&+m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(11)}m_{201}^{(20)}+m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(11)}m_{102}^{(00)}+m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(20)}m_{111}^{(10)}\\
&-m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(21)}m_{111}^{(00)}-m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(00)}m_{120}^{(21)}-m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(00)}m_{111}^{(11)}\\
&+2m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{210}^{(21)}+m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{201}^{(11)}+m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{120}^{(20)}\\
&+2m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{111}^{(10)}-m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(11)}m_{300}^{(21)}-m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(11)}\\
&-m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(11)}m_{201}^{(10)}-m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(11)}m_{111}^{(00)}-m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(11)}\\
&-m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(20)}m_{120}^{(10)}+m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(21)}m_{300}^{(11)}+m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(21)}m_{120}^{(00)}\\
&+m_{100}^{(20)}m_{010}^{(22)}m_{002}^{(00)}m_{120}^{(11)}-m_{100}^{(20)}m_{010}^{(22)}m_{002}^{(10)}m_{210}^{(11)}-m_{100}^{(20)}m_{010}^{(22)}m_{002}^{(10)}m_{120}^{(10)}\\
&+m_{100}^{(20)}m_{010}^{(22)}m_{002}^{(11)}m_{210}^{(10)}+m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(10)}m_{012}^{(21)}-m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(11)}m_{102}^{(21)}\\
&-m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(20)}m_{012}^{(11)}+m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(11)}-2m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{021}^{(21)}\\
&+2m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{111}^{(21)}+2m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(11)}-2m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(11)}\\
&+m_{100}^{(20)}m_{001}^{(00)}m_{002}^{(10)}m_{030}^{(21)}-m_{100}^{(20)}m_{001}^{(00)}m_{002}^{(11)}m_{120}^{(21)}-m_{100}^{(20)}m_{001}^{(00)}m_{002}^{(20)}m_{030}^{(11)}\\
&+m_{100}^{(20)}m_{001}^{(00)}m_{002}^{(21)}m_{120}^{(11)}+m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{021}^{(22)}-m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(22)}m_{030}^{(22)}\\
&-m_{100}^{(20)}m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(21)}+m_{100}^{(20)}m_{001}^{(10)}m_{200}^{(22)}m_{030}^{(21)}-2m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(11)}m_{111}^{(22)}\\
&+m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(11)}m_{102}^{(21)}-m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(11)}m_{012}^{(20)}-m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(21)}\\
&+m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(11)}+2m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{120}^{(22)}+2m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(21)}\\
&-m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(11)}+m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{021}^{(20)}-2m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{120}^{(21)}\\
&-m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(21)}+m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{021}^{(21)}+m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{030}^{(21)}\\
&-m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(11)}+m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(11)}-m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{030}^{(20)}\\
&-m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(00)}m_{012}^{(21)}+m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(11)}m_{201}^{(22)}+m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(11)}m_{102}^{(20)}\\
&+m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{111}^{(21)}+m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{012}^{(10)}-m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{210}^{(22)}\\
&-m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{201}^{(21)}-m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{111}^{(20)}-m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{102}^{(10)}\\
&+m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(22)}m_{210}^{(21)}+2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(00)}m_{021}^{(21)}-m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{201}^{(21)}\\
&-m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{111}^{(20)}-m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(21)}-m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(11)}\\
&-2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{021}^{(10)}+m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(11)}+m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{120}^{(20)}\\
&+2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(10)}-m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(00)}m_{030}^{(21)}+m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(11)}m_{210}^{(21)}\\
&+m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(11)}+m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(20)}m_{030}^{(10)}-m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(21)}m_{210}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(21)}m_{120}^{(10)}-m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(10)}m_{021}^{(22)}+m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(20)}m_{021}^{(21)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(21)}m_{120}^{(22)}-m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(22)}m_{120}^{(21)}+2m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(10)}m_{111}^{(22)}\\
&-m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(21)}+m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(10)}m_{012}^{(20)}-m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(21)}\\
&-m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{012}^{(10)}-2m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{210}^{(22)}-m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{111}^{(20)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{102}^{(10)}+2m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(22)}m_{210}^{(21)}+m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(21)}\\
&-m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{021}^{(20)}-m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{120}^{(21)}+m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{021}^{(10)}
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&+m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{120}^{(20)} - m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(10)} + m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(00)}m_{102}^{(21)}\\
&-m_{100}^{(20)}m_{001}^{(11)}m_{010}^{(10)}m_{201}^{(22)} - m_{100}^{(20)}m_{001}^{(11)}m_{010}^{(10)}m_{102}^{(20)} + m_{100}^{(20)}m_{001}^{(11)}m_{010}^{(21)}m_{020}^{(22)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(21)}m_{201}^{(20)} - m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(22)}m_{300}^{(21)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(00)}m_{111}^{(21)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(21)} + m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{111}^{(20)} + m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{210}^{(21)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(10)} - m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(21)}m_{210}^{(20)} - m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(21)}m_{201}^{(10)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(00)}m_{120}^{(21)} - m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(10)}m_{210}^{(21)} - m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(20)}m_{120}^{(10)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(21)}m_{210}^{(10)} - m_{100}^{(20)}m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(21)} + m_{100}^{(20)}m_{001}^{(20)}m_{200}^{(21)}m_{030}^{(21)}\\
&+m_{100}^{(20)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(11)} - m_{100}^{(20)}m_{001}^{(20)}m_{200}^{(22)}m_{030}^{(11)} + m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(21)}\\
&-m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(11)} + m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(21)} + m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{012}^{(10)}\\
&-2m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(21)} - m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(11)} - m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(10)}\\
&+2m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(22)}m_{120}^{(11)} - m_{100}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(21)} + m_{100}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(11)}\\
&+m_{100}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(21)} - m_{100}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{021}^{(10)} - m_{100}^{(20)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(11)}\\
&+m_{100}^{(20)}m_{001}^{(20)}m_{101}^{(21)}m_{030}^{(10)} + m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(00)}m_{012}^{(11)} - m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(21)}\\
&-m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{012}^{(10)} + m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{210}^{(21)} + m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(10)}\\
&-m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(22)}m_{210}^{(11)} - 2m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(00)}m_{021}^{(11)} + m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(21)}\\
&+m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(11)} + 2m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{021}^{(10)} - m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(21)}\\
&-m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{111}^{(10)} + m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(11)} - m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(10)}\\
&+m_{100}^{(20)}m_{001}^{(20)}m_{002}^{(00)}m_{030}^{(11)} - m_{100}^{(20)}m_{001}^{(20)}m_{002}^{(10)}m_{120}^{(11)} - m_{100}^{(20)}m_{001}^{(20)}m_{002}^{(10)}m_{030}^{(10)}\\
&+m_{100}^{(20)}m_{001}^{(20)}m_{002}^{(11)}m_{120}^{(10)} + m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{030}^{(22)} + m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(21)}\\
&-m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{120}^{(22)} - m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{030}^{(21)} - m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(11)}\\
&+m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(22)}m_{120}^{(11)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{120}^{(22)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(21)}\\
&+m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(11)} - m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{021}^{(20)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{210}^{(22)}\\
&+m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{111}^{(20)} - m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{102}^{(10)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(21)}\\
&+m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(11)} + m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{021}^{(10)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(11)} + m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{030}^{(20)} - m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{120}^{(20)}\\
&+m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{111}^{(10)} + m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(11)} - m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(20)}m_{030}^{(10)}\\
&-m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{102}^{(11)} + m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{210}^{(22)} + m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(21)}\\
&+m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{111}^{(20)} + m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{102}^{(10)} - m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(11)}m_{300}^{(22)}\\
&-m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(11)}m_{201}^{(20)} - m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(21)} - m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{111}^{(10)}\\
&+m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(22)}m_{300}^{(11)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(11)} - m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{120}^{(20)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(10)} + m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{210}^{(20)}\\
&+m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{201}^{(10)} - m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(11)} + m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(20)}m_{120}^{(10)}\\
&-m_{100}^{(20)}m_{001}^{(21)}m_{002}^{(00)}m_{120}^{(11)} + m_{100}^{(20)}m_{001}^{(21)}m_{002}^{(10)}m_{210}^{(11)} + m_{100}^{(20)}m_{001}^{(21)}m_{002}^{(10)}m_{120}^{(10)}\\
&-m_{100}^{(20)}m_{001}^{(21)}m_{002}^{(11)}m_{210}^{(10)} - m_{100}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(21)} + m_{100}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(21)}\\
&+m_{100}^{(20)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(11)} - m_{100}^{(20)}m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(11)} + 2m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(21)}\\
&-2m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(21)} - 2m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(11)} + 2m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(21)} + m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(21)} + m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(11)} - (m_{100}^{(21)})^2m_{110}^{(00)}m_{021}^{(22)} - 2(m_{100}^{(21)})^2m_{110}^{(00)}m_{012}^{(21)}
\end{aligned}
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\begin{aligned}
&-(m_{100}^{(21)})^2 m_{110}^{(00)} m_{003}^{(11)} + (m_{100}^{(21)})^2 m_{110}^{(10)} m_{111}^{(22)} + (m_{100}^{(21)})^2 m_{110}^{(10)} m_{102}^{(21)} \\
&+(m_{100}^{(21)})^2 m_{110}^{(10)} m_{012}^{(20)} + (m_{100}^{(21)})^2 m_{110}^{(10)} m_{003}^{(10)} - (m_{100}^{(21)})^2 m_{110}^{(11)} m_{102}^{(20)} \\
&+(m_{100}^{(21)})^2 m_{110}^{(20)} m_{111}^{(21)} + (m_{100}^{(21)})^2 m_{110}^{(20)} m_{102}^{(11)} + (m_{100}^{(21)})^2 m_{110}^{(20)} m_{021}^{(20)} \\
&+(m_{100}^{(21)})^2 m_{110}^{(20)} m_{012}^{(10)} - (m_{100}^{(21)})^2 m_{110}^{(21)} m_{111}^{(20)} - (m_{100}^{(21)})^2 m_{110}^{(21)} m_{102}^{(10)} \\
&-(m_{100}^{(21)})^2 m_{110}^{(22)} m_{111}^{(10)} + (m_{100}^{(21)})^2 m_{101}^{(00)} m_{030}^{(22)} + 2(m_{100}^{(21)})^2 m_{101}^{(00)} m_{021}^{(21)} \\
&+(m_{100}^{(21)})^2 m_{101}^{(00)} m_{012}^{(11)} - (m_{100}^{(21)})^2 m_{101}^{(10)} m_{120}^{(22)} - (m_{100}^{(21)})^2 m_{101}^{(10)} m_{111}^{(21)} \\
&-(m_{100}^{(21)})^2 m_{101}^{(10)} m_{021}^{(20)} - (m_{100}^{(21)})^2 m_{101}^{(10)} m_{012}^{(10)} + (m_{100}^{(21)})^2 m_{101}^{(11)} m_{111}^{(20)} \\
&-(m_{100}^{(21)})^2 m_{101}^{(20)} m_{120}^{(21)} - (m_{100}^{(21)})^2 m_{101}^{(20)} m_{111}^{(11)} - (m_{100}^{(21)})^2 m_{101}^{(20)} m_{030}^{(20)} \\
&-(m_{100}^{(21)})^2 m_{101}^{(20)} m_{021}^{(10)} + (m_{100}^{(21)})^2 m_{101}^{(21)} m_{120}^{(20)} + (m_{100}^{(21)})^2 m_{101}^{(21)} m_{111}^{(10)} \\
&+(m_{100}^{(21)})^2 m_{101}^{(22)} m_{120}^{(10)} + (m_{100}^{(21)})^2 m_{020}^{(00)} m_{111}^{(22)} + (m_{100}^{(21)})^2 m_{020}^{(00)} m_{102}^{(21)} \\
&-(m_{100}^{(21)})^2 m_{020}^{(10)} m_{201}^{(22)} - (m_{100}^{(21)})^2 m_{020}^{(20)} m_{201}^{(21)} - (m_{100}^{(21)})^2 m_{020}^{(20)} m_{111}^{(20)} \\
&-(m_{100}^{(21)})^2 m_{020}^{(20)} m_{102}^{(10)} + (m_{100}^{(21)})^2 m_{020}^{(21)} m_{201}^{(20)} + (m_{100}^{(21)})^2 m_{020}^{(22)} m_{201}^{(10)} \\
&-(m_{100}^{(21)})^2 m_{011}^{(00)} m_{120}^{(22)} + (m_{100}^{(21)})^2 m_{011}^{(00)} m_{102}^{(11)} + (m_{100}^{(21)})^2 m_{011}^{(10)} m_{210}^{(22)} \\
&-(m_{100}^{(21)})^2 m_{011}^{(10)} m_{201}^{(21)} - (m_{100}^{(21)})^2 m_{011}^{(10)} m_{111}^{(20)} - (m_{100}^{(21)})^2 m_{011}^{(10)} m_{102}^{(10)} \\
&+(m_{100}^{(21)})^2 m_{011}^{(11)} m_{201}^{(20)} + (m_{100}^{(21)})^2 m_{011}^{(20)} m_{210}^{(21)} - (m_{100}^{(21)})^2 m_{011}^{(20)} m_{201}^{(11)} \\
&+(m_{100}^{(21)})^2 m_{011}^{(20)} m_{120}^{(20)} + (m_{100}^{(21)})^2 m_{011}^{(20)} m_{111}^{(10)} - (m_{100}^{(21)})^2 m_{011}^{(21)} m_{210}^{(20)} \\
&+(m_{100}^{(21)})^2 m_{011}^{(21)} m_{201}^{(10)} - (m_{100}^{(21)})^2 m_{011}^{(22)} m_{210}^{(10)} - (m_{100}^{(21)})^2 m_{002}^{(00)} m_{120}^{(21)} \\
&-(m_{100}^{(21)})^2 m_{002}^{(00)} m_{111}^{(11)} + (m_{100}^{(21)})^2 m_{002}^{(10)} m_{210}^{(21)} + (m_{100}^{(21)})^2 m_{002}^{(10)} m_{120}^{(20)} \\
&+(m_{100}^{(21)})^2 m_{002}^{(10)} m_{111}^{(10)} - (m_{100}^{(21)})^2 m_{002}^{(11)} m_{210}^{(20)} + (m_{100}^{(21)})^2 m_{002}^{(20)} m_{210}^{(11)} \\
&-(m_{100}^{(21)})^2 m_{002}^{(21)} m_{210}^{(10)} + 2m_{100}^{(21)} m_{100}^{(22)} m_{110}^{(00)} m_{021}^{(21)} + 2m_{100}^{(21)} m_{100}^{(22)} m_{110}^{(00)} m_{012}^{(11)} \\
&-2m_{100}^{(21)} m_{100}^{(22)} m_{110}^{(10)} m_{111}^{(21)} - m_{100}^{(21)} m_{100}^{(22)} m_{110}^{(10)} m_{102}^{(11)} - m_{100}^{(21)} m_{100}^{(22)} m_{110}^{(10)} m_{021}^{(20)} \\
&-2m_{100}^{(21)} m_{100}^{(22)} m_{110}^{(10)} m_{012}^{(10)} + m_{100}^{(21)} m_{100}^{(22)} m_{110}^{(11)} m_{111}^{(20)} + m_{100}^{(21)} m_{100}^{(22)} m_{110}^{(11)} m_{102}^{(10)} \\
&-m_{100}^{(21)} m_{100}^{(22)} m_{110}^{(20)} m_{111}^{(11)} - m_{100}^{(21)} m_{100}^{(22)} m_{110}^{(20)} m_{021}^{(10)} + 2m_{100}^{(21)} m_{100}^{(22)} m_{110}^{(21)} m_{111}^{(10)} \\
&-2m_{100}^{(21)} m_{100}^{(22)} m_{101}^{(00)} m_{030}^{(21)} - 2m_{100}^{(21)} m_{100}^{(22)} m_{101}^{(00)} m_{021}^{(11)} + 2m_{100}^{(21)} m_{100}^{(22)} m_{101}^{(10)} m_{120}^{(21)} \\
&+m_{100}^{(21)} m_{100}^{(22)} m_{101}^{(10)} m_{111}^{(11)} + m_{100}^{(21)} m_{100}^{(22)} m_{101}^{(10)} m_{030}^{(20)} + 2m_{100}^{(21)} m_{100}^{(22)} m_{101}^{(10)} m_{021}^{(10)} \\
&-m_{100}^{(21)} m_{100}^{(22)} m_{101}^{(11)} m_{120}^{(20)} - m_{100}^{(21)} m_{100}^{(22)} m_{101}^{(11)} m_{111}^{(10)} + m_{100}^{(21)} m_{100}^{(22)} m_{101}^{(20)} m_{120}^{(11)} \\
&+m_{100}^{(21)} m_{100}^{(22)} m_{101}^{(20)} m_{030}^{(10)} - 2m_{100}^{(21)} m_{100}^{(22)} m_{101}^{(21)} m_{120}^{(10)} - 2m_{100}^{(21)} m_{100}^{(22)} m_{020}^{(00)} m_{111}^{(21)} \\
&-m_{100}^{(21)} m_{100}^{(22)} m_{020}^{(00)} m_{102}^{(11)} + 2m_{100}^{(21)} m_{100}^{(22)} m_{020}^{(10)} m_{201}^{(21)} + m_{100}^{(21)} m_{100}^{(22)} m_{020}^{(10)} m_{111}^{(20)} \\
&+m_{100}^{(21)} m_{100}^{(22)} m_{020}^{(10)} m_{102}^{(10)} - m_{100}^{(21)} m_{100}^{(22)} m_{020}^{(11)} m_{201}^{(20)} + m_{100}^{(21)} m_{100}^{(22)} m_{020}^{(20)} m_{201}^{(11)} \\
&+m_{100}^{(21)} m_{100}^{(22)} m_{020}^{(20)} m_{111}^{(10)} - 2m_{100}^{(21)} m_{100}^{(22)} m_{020}^{(21)} m_{201}^{(10)} + 2m_{100}^{(21)} m_{100}^{(22)} m_{011}^{(00)} m_{120}^{(21)} \\
&-2m_{100}^{(21)} m_{100}^{(22)} m_{011}^{(10)} m_{210}^{(21)} + m_{100}^{(21)} m_{100}^{(22)} m_{011}^{(10)} m_{201}^{(11)} - m_{100}^{(21)} m_{100}^{(22)} m_{011}^{(10)} m_{120}^{(20)} \\
&+m_{100}^{(21)} m_{100}^{(22)} m_{011}^{(11)} m_{210}^{(20)} - m_{100}^{(21)} m_{100}^{(22)} m_{011}^{(11)} m_{201}^{(10)} - m_{100}^{(21)} m_{100}^{(22)} m_{011}^{(20)} m_{210}^{(11)} \\
&-m_{100}^{(21)} m_{100}^{(22)} m_{011}^{(20)} m_{120}^{(10)} + 2m_{100}^{(21)} m_{100}^{(22)} m_{011}^{(21)} m_{210}^{(10)} + m_{100}^{(21)} m_{100}^{(22)} m_{002}^{(00)} m_{120}^{(11)} \\
&-m_{100}^{(21)} m_{100}^{(22)} m_{002}^{(10)} m_{210}^{(11)} - m_{100}^{(21)} m_{100}^{(22)} m_{002}^{(10)} m_{120}^{(10)} + m_{100}^{(21)} m_{100}^{(22)} m_{002}^{(11)} m_{210}^{(10)} \\
&-m_{100}^{(21)} m_{010}^{(00)} m_{020}^{(10)} m_{003}^{(20)} + m_{100}^{(21)} m_{010}^{(00)} m_{020}^{(20)} m_{003}^{(10)} + m_{100}^{(21)} m_{010}^{(00)} m_{020}^{(21)} m_{102}^{(20)} \\
&-m_{100}^{(21)} m_{010}^{(00)} m_{020}^{(22)} m_{102}^{(10)} + 2m_{100}^{(21)} m_{010}^{(00)} m_{011}^{(10)} m_{012}^{(20)} - 2m_{100}^{(21)} m_{010}^{(00)} m_{011}^{(20)} m_{012}^{(10)} \\
&-2m_{100}^{(21)} m_{010}^{(00)} m_{011}^{(21)} m_{111}^{(20)} + 2m_{100}^{(21)} m_{010}^{(00)} m_{011}^{(22)} m_{111}^{(10)} - m_{100}^{(21)} m_{010}^{(00)} m_{002}^{(10)} m_{021}^{(20)} \\
&+m_{100}^{(21)} m_{010}^{(00)} m_{002}^{(20)} m_{021}^{(10)} + m_{100}^{(21)} m_{010}^{(00)} m_{002}^{(21)} m_{120}^{(20)} - m_{100}^{(21)} m_{010}^{(00)} m_{002}^{(22)} m_{120}^{(10)}
\end{aligned}
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\begin{aligned}
&+m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(10)}m_{012}^{(22)}+m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(10)}m_{003}^{(21)}-m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(11)}m_{003}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(20)}m_{021}^{(22)}-m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(20)}m_{012}^{(21)}+m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(22)}m_{021}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(10)}m_{102}^{(22)}+m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(10)}m_{003}^{(20)}+m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{111}^{(22)}\\
&-m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{003}^{(10)}-m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(22)}m_{111}^{(20)}+m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(22)}m_{102}^{(10)}\\
&-m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(10)}m_{111}^{(22)}-2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(10)}m_{102}^{(21)}-m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(10)}m_{012}^{(20)}\\
&+2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(11)}m_{102}^{(20)}+m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{120}^{(22)}+2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{111}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{012}^{(10)}-m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(22)}m_{120}^{(20)}-m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(22)}m_{111}^{(10)}\\
&+m_{100}^{(21)}m_{010}^{(10)}m_{020}^{(00)}m_{003}^{(20)}-m_{100}^{(21)}m_{010}^{(10)}m_{020}^{(20)}m_{102}^{(20)}-m_{100}^{(21)}m_{010}^{(10)}m_{020}^{(20)}m_{003}^{(00)}\\
&+m_{100}^{(21)}m_{010}^{(10)}m_{020}^{(22)}m_{102}^{(00)}-2m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(00)}m_{012}^{(20)}+m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(10)}m_{201}^{(22)}\\
&-m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(10)}m_{102}^{(20)}-m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{210}^{(22)}+2m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{111}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{102}^{(10)}+2m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{012}^{(00)}+m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(22)}m_{210}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(22)}m_{201}^{(10)}-2m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(22)}m_{111}^{(00)}+m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(00)}m_{021}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{201}^{(21)}+m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{111}^{(20)}-m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(11)}m_{201}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(20)}m_{210}^{(21)}-m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(20)}m_{120}^{(20)}-m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(20)}m_{111}^{(10)}\\
&-m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(20)}m_{021}^{(00)}+m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(22)}m_{210}^{(10)}+m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(22)}m_{120}^{(00)}\\
&-m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(00)}m_{012}^{(22)}-m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(00)}m_{003}^{(21)}+m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(10)}m_{003}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(20)}m_{111}^{(22)}+m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(20)}m_{102}^{(21)}+m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(20)}m_{012}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(21)}m_{102}^{(20)}-m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(22)}m_{111}^{(20)}+m_{100}^{(21)}m_{010}^{(11)}m_{110}^{(00)}m_{102}^{(22)}\\
&-m_{100}^{(21)}m_{010}^{(11)}m_{110}^{(00)}m_{003}^{(20)}-m_{100}^{(21)}m_{010}^{(11)}m_{110}^{(20)}m_{201}^{(22)}+m_{100}^{(21)}m_{010}^{(11)}m_{110}^{(20)}m_{003}^{(00)}\\
&+m_{100}^{(21)}m_{010}^{(11)}m_{110}^{(22)}m_{201}^{(20)}-m_{100}^{(21)}m_{010}^{(11)}m_{110}^{(22)}m_{102}^{(00)}+m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(00)}m_{111}^{(22)}\\
&+2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(00)}m_{102}^{(21)}+m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(00)}m_{012}^{(20)}-2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(10)}m_{102}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{210}^{(22)}-2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{201}^{(21)}-2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{111}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{012}^{(00)}+2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(21)}m_{201}^{(20)}+m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(22)}m_{210}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(22)}m_{111}^{(00)}-m_{100}^{(21)}m_{010}^{(11)}m_{011}^{(00)}m_{201}^{(22)}+m_{100}^{(21)}m_{010}^{(11)}m_{011}^{(00)}m_{102}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(11)}m_{011}^{(20)}m_{300}^{(22)}-m_{100}^{(21)}m_{010}^{(11)}m_{011}^{(20)}m_{102}^{(00)}-m_{100}^{(21)}m_{010}^{(11)}m_{011}^{(22)}m_{300}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(11)}m_{011}^{(22)}m_{201}^{(00)}-m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(00)}m_{201}^{(21)}-m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(00)}m_{111}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(10)}m_{201}^{(20)}+m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(20)}m_{300}^{(21)}+m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(20)}m_{210}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(20)}m_{111}^{(00)}-m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(21)}m_{300}^{(20)}-m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(22)}m_{210}^{(00)}\\
&-m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(10)}m_{012}^{(21)}-m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(10)}m_{003}^{(11)}+m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(11)}m_{003}^{(10)}\\
&+m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(20)}m_{021}^{(21)}+m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(20)}m_{012}^{(11)}-m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(22)}m_{021}^{(10)}\\
&+m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(10)}m_{102}^{(21)}-m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(10)}m_{012}^{(20)}-m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{111}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(10)}+m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{111}^{(20)}-m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{102}^{(10)}\\
&+m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{111}^{(21)}+2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{102}^{(11)}+m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{021}^{(20)}\\
&-2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(11)}m_{102}^{(10)}-m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{120}^{(21)}-2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{111}^{(11)}\\
&-m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{021}^{(10)}-m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{120}^{(20)}+m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(10)}\\
&+2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(22)}m_{120}^{(10)}-m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(00)}m_{003}^{(10)}+m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(10)}m_{102}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(10)}m_{003}^{(00)}-m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(21)}m_{201}^{(20)}-m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(21)}m_{102}^{(00)}\\
&+m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(22)}m_{201}^{(10)}+2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{012}^{(10)}-m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{201}^{(21)}
\end{aligned}
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\begin{aligned}
&-m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(20)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{012}^{(00)} + m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{210}^{(21)}\\
&-m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(10)} + m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(21)}m_{210}^{(20)} + m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(21)}m_{201}^{(10)}\\
&+2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(00)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(22)}m_{210}^{(10)} - m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(00)}m_{021}^{(10)}\\
&-m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(10)}m_{201}^{(11)} + m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(10)}m_{021}^{(00)} + m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(11)}m_{201}^{(10)}\\
&+m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(20)}m_{210}^{(11)} + m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(20)}m_{120}^{(10)} - m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(21)}m_{210}^{(10)}\\
&-m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(21)}m_{120}^{(00)} + m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(00)}m_{021}^{(22)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(00)}m_{012}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(00)}m_{003}^{(11)} - m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(10)}m_{111}^{(22)} - m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(10)}m_{102}^{(21)}\\
&-m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(20)} - m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(10)}m_{003}^{(10)} + m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(11)}m_{102}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{111}^{(21)} - m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{102}^{(11)} - m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{021}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(10)} + m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(20)} + m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(21)}m_{102}^{(10)}\\
&+m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(22)}m_{111}^{(10)} - m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(00)}m_{111}^{(22)} - m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(00)}m_{102}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(00)}m_{012}^{(20)} + m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(00)}m_{003}^{(10)} + m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(10)}m_{201}^{(22)}\\
&-m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(10)}m_{003}^{(00)} + m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(20)}m_{201}^{(21)} - m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(20)}m_{012}^{(00)}\\
&-m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(21)}m_{201}^{(20)} + m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(21)}m_{102}^{(00)} - m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(22)}m_{201}^{(10)}\\
&+m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(22)}m_{111}^{(00)} - m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{120}^{(22)} - 3m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{111}^{(21)}\\
&-2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{102}^{(11)} - m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{021}^{(20)} - m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{012}^{(10)}\\
&+m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{210}^{(22)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{201}^{(21)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(20)}\\
&+2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{102}^{(10)} + m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{012}^{(00)} - 2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(11)}m_{201}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{210}^{(21)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{201}^{(11)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(20)}\\
&+2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(10)} + m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{021}^{(00)} - m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(21)}m_{210}^{(20)}\\
&-2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(21)}m_{201}^{(10)} - m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(00)} - m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(22)}m_{210}^{(10)}\\
&-m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(22)}m_{120}^{(00)} - m_{100}^{(21)}m_{010}^{(21)}m_{020}^{(00)}m_{102}^{(20)} + m_{100}^{(21)}m_{010}^{(21)}m_{020}^{(20)}m_{201}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(21)}m_{020}^{(20)}m_{102}^{(00)} - m_{100}^{(21)}m_{010}^{(21)}m_{020}^{(22)}m_{201}^{(00)} + m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(00)}m_{210}^{(22)}\\
&+m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(00)}m_{201}^{(21)} + m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(00)}m_{111}^{(20)} - m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(00)}m_{102}^{(10)}\\
&-m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(10)}m_{300}^{(22)} + m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(10)}m_{102}^{(00)} - m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(20)}m_{300}^{(21)}\\
&-2m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(20)} - m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(20)}m_{111}^{(00)} + m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(21)}m_{300}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(00)} + m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(22)}m_{300}^{(10)} + m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(22)}m_{210}^{(00)}\\
&+m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(00)}m_{210}^{(21)} + m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(00)}m_{201}^{(11)} + m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(00)}m_{111}^{(10)}\\
&-m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(10)}m_{300}^{(21)} - m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(10)}m_{210}^{(20)} - m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(10)}m_{201}^{(10)}\\
&-m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(10)}m_{111}^{(00)} + m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(11)}m_{300}^{(20)} - m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(20)}m_{300}^{(11)}\\
&-m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(20)}m_{210}^{(10)} + m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(21)}m_{300}^{(10)} + m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(21)}m_{210}^{(00)}\\
&-m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(00)}m_{021}^{(21)} - m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(00)}m_{012}^{(11)} + m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{111}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{102}^{(11)} + m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{012}^{(10)} - m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(11)}m_{102}^{(10)}\\
&+m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(10)} - m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(10)} + m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(00)}m_{111}^{(21)}\\
&-m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(00)}m_{012}^{(10)} - m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{201}^{(21)} + m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{012}^{(00)}\\
&+m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(10)} - m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(00)} + m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(00)}m_{120}^{(21)}\\
&+2m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(00)}m_{111}^{(11)} + m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(00)}m_{021}^{(10)} - m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{210}^{(21)}\\
&-2m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{201}^{(11)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(10)} - m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{021}^{(00)}
\end{aligned}
$$

$$+2m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(11)}m_{201}^{(10)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(10)} + m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(10)}$$
$$+m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(21)}m_{120}^{(00)} + m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(00)}m_{102}^{(10)} - m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(10)}m_{102}^{(00)}$$
$$-m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(20)}m_{201}^{(10)} + m_{100}^{(21)}m_{010}^{(22)}m_{021}^{(21)}m_{201}^{(00)} - m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{210}^{(21)}$$
$$-m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{111}^{(10)} + m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(10)}m_{300}^{(21)} + m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(10)}m_{111}^{(00)}$$
$$+2m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(10)} - m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(21)}m_{300}^{(10)} - m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(21)}m_{210}^{(00)}$$
$$-m_{100}^{(21)}m_{010}^{(22)}m_{002}^{(00)}m_{210}^{(11)} + m_{100}^{(21)}m_{010}^{(22)}m_{002}^{(10)}m_{300}^{(11)} + m_{100}^{(21)}m_{010}^{(22)}m_{002}^{(10)}m_{210}^{(10)}$$
$$-m_{100}^{(21)}m_{010}^{(22)}m_{002}^{(11)}m_{300}^{(10)} - m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(10)}m_{012}^{(20)} + m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(11)}m_{102}^{(20)}$$
$$+m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(20)}m_{012}^{(10)} - m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(10)} + 2m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{021}^{(20)}$$
$$-2m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(11)}m_{111}^{(20)} - 2m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(10)} + 2m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(10)}$$
$$-m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(10)}m_{030}^{(20)} + m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(11)}m_{120}^{(20)} + m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(20)}m_{030}^{(10)}$$
$$-m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(21)}m_{120}^{(10)} - m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(10)}m_{021}^{(22)} - m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(10)}m_{012}^{(21)}$$
$$+m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(11)}m_{012}^{(20)} + m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{030}^{(22)} + m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{021}^{(21)}$$
$$-m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(22)}m_{030}^{(20)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{111}^{(22)} + m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(21)}$$
$$+m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(20)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(11)}m_{102}^{(20)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{120}^{(22)}$$
$$-m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(21)} - m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(10)} - m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(20)}$$
$$+m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(10)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(22)}m_{120}^{(20)} + m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(21)}$$
$$-m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(20)} - m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{120}^{(21)} + m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(10)}$$
$$+m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(20)} - m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(10)} + m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(00)}m_{012}^{(20)}$$
$$-m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(10)}m_{201}^{(22)} - m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(20)} + m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(20)}m_{210}^{(22)}$$
$$-m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(20)}m_{012}^{(00)} + m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(21)}m_{201}^{(20)} + m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(21)}m_{102}^{(00)}$$
$$-m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(22)}m_{210}^{(20)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{021}^{(20)} - m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(21)}$$
$$+m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(20)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(11)}m_{201}^{(20)} + m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(21)}$$
$$+m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(10)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{021}^{(00)} - m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(10)}$$
$$-m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(10)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(00)} + m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(00)}m_{030}^{(20)}$$
$$-m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(11)}m_{210}^{(20)} - m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(10)} - m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(20)}m_{030}^{(00)}$$
$$+m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(21)}m_{210}^{(10)} + m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(21)}m_{120}^{(00)} + m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(00)}m_{021}^{(22)}$$
$$+m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(00)}m_{012}^{(21)} - m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(20)} - m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{120}^{(22)}$$
$$-m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{111}^{(21)} - m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{021}^{(20)} + m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{111}^{(20)}$$
$$+m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(22)}m_{120}^{(20)} - 2m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(00)}m_{111}^{(22)} - m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(00)}m_{102}^{(21)}$$
$$-m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(00)}m_{012}^{(20)} + 2m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(20)} + 2m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{210}^{(22)}$$
$$+m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{201}^{(21)} + 2m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(20)} + m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{012}^{(00)}$$
$$-m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(21)}m_{201}^{(20)} - m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(21)}m_{102}^{(00)} - 2m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(22)}m_{210}^{(20)}$$
$$-m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{111}^{(21)} + m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{021}^{(20)} + m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{210}^{(21)}$$
$$-m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{021}^{(00)} - m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{210}^{(20)} + m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(00)}$$
$$+m_{100}^{(21)}m_{001}^{(11)}m_{020}^{(00)}m_{201}^{(22)} - m_{100}^{(21)}m_{001}^{(11)}m_{020}^{(20)}m_{300}^{(22)} - m_{100}^{(21)}m_{001}^{(11)}m_{020}^{(20)}m_{201}^{(20)}$$
$$+m_{100}^{(21)}m_{001}^{(11)}m_{020}^{(22)}m_{300}^{(20)} + m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(00)}m_{201}^{(21)} + m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(00)}m_{111}^{(20)}$$
$$-2m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(20)} - m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(20)}m_{300}^{(21)} - m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(00)}$$
$$+m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(21)}m_{300}^{(20)} + m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(21)}m_{201}^{(00)} - m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(00)}m_{120}^{(20)}$$

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\begin{aligned}
&+m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(10)}m_{210}^{(20)} + m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(20)}m_{120}^{(00)} - m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(21)}m_{210}^{(00)}\\
&+m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(21)} + m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{012}^{(11)} - m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{012}^{(10)}\\
&-m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{030}^{(21)} - m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{021}^{(11)} + m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(22)}m_{030}^{(10)}\\
&-2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(21)} - m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{102}^{(11)} - m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(20)}\\
&+m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(20)} + m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{102}^{(10)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(21)}\\
&+m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(11)} + m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(10)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(22)}m_{120}^{(10)}\\
&-m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(11)} + m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(20)} - m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(20)}\\
&+m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(10)} + m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(11)} - m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(10)}\\
&-m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{012}^{(10)} + m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(21)} + m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(20)}\\
&+m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(10)} + m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{012}^{(00)} - m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(20)}\\
&-m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(11)}m_{102}^{(00)} - m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(21)} - m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(10)}\\
&+m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(22)}m_{210}^{(10)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{021}^{(10)} + m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(11)}\\
&-m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(20)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(10)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{021}^{(00)}\\
&+m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(20)} - m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(11)}m_{201}^{(10)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(11)}m_{111}^{(00)}\\
&-m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(11)} + m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(10)} - m_{100}^{(21)}m_{001}^{(20)}m_{002}^{(00)}m_{030}^{(10)}\\
&+m_{100}^{(21)}m_{001}^{(20)}m_{002}^{(10)}m_{120}^{(10)} + m_{100}^{(21)}m_{001}^{(20)}m_{002}^{(10)}m_{030}^{(00)} - m_{100}^{(21)}m_{001}^{(20)}m_{002}^{(11)}m_{120}^{(00)}\\
&-m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{030}^{(22)} - 2m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(21)} - m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{012}^{(11)}\\
&+m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{120}^{(22)} + m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(21)} + m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(20)}\\
&+m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(10)} - m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(20)} + m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{120}^{(21)}\\
&+m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(10)} + m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{030}^{(20)} + m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(10)}\\
&-m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(20)} - m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(10)} - m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(22)}m_{120}^{(10)}\\
&+2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{120}^{(22)} + 3m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(21)} + m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{102}^{(11)}\\
&+m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{021}^{(20)} + m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{012}^{(10)} - 2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{210}^{(22)}\\
&-m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(21)} - 2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(20)} - 2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(10)}\\
&-m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{012}^{(00)} + m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(20)} + m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(11)}m_{102}^{(00)}\\
&-2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(21)} - m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(11)} - 2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(20)}\\
&-2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(10)} - m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{021}^{(00)} + 2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(20)}\\
&+m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(10)} + m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(00)} + 2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(10)}\\
&+m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(21)} + m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(11)} - m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{030}^{(20)}\\
&-m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{021}^{(10)} - m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(21)} + m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(00)}\\
&+m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(20)} - m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(11)}m_{111}^{(00)} - m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(11)}\\
&+m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(20)}m_{030}^{(00)} + m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(10)} - m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(00)}\\
&-m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(00)}m_{210}^{(22)} - m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(21)} - m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(20)}\\
&+m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(10)}m_{300}^{(22)} + m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(20)} + m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{300}^{(21)}\\
&+m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(20)} + m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(10)} + m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{111}^{(00)}\\
&-m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(21)}m_{300}^{(20)} - m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(21)}m_{201}^{(00)} - m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(22)}m_{300}^{(10)}\\
&-m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(21)} - m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{201}^{(11)} + m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{120}^{(20)}\\
&-m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(10)} + m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(21)} + 2m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(10)}
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\begin{aligned}
&+m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(00)} - m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(11)}m_{300}^{(20)} - m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(11)}m_{201}^{(00)}\\
&+m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(11)} - m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(20)}m_{120}^{(00)} - m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(10)}\\
&+m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(00)} + m_{100}^{(21)}m_{001}^{(21)}m_{002}^{(00)}m_{120}^{(10)} - m_{100}^{(21)}m_{001}^{(21)}m_{002}^{(10)}m_{210}^{(10)}\\
&-m_{100}^{(21)}m_{001}^{(21)}m_{002}^{(10)}m_{120}^{(00)} + m_{100}^{(21)}m_{001}^{(21)}m_{002}^{(11)}m_{210}^{(00)} + m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(21)}\\
&+m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(00)}m_{021}^{(11)} - m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(21)} - m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{111}^{(11)}\\
&-m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(10)} + m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(10)} - m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(10)}\\
&+m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(10)} - 2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(21)} - m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{111}^{(11)}\\
&-m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{021}^{(10)} + 2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(21)} + m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{201}^{(11)}\\
&+2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(10)} + m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{021}^{(00)} - m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(11)}m_{201}^{(10)}\\
&-m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(11)}m_{111}^{(00)} + 2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(10)} - 2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(10)}\\
&-m_{100}^{(21)}m_{001}^{(22)}m_{101}^{(00)}m_{120}^{(11)} + m_{100}^{(21)}m_{001}^{(22)}m_{101}^{(00)}m_{030}^{(10)} + m_{100}^{(21)}m_{001}^{(22)}m_{101}^{(10)}m_{210}^{(11)}\\
&-m_{100}^{(21)}m_{001}^{(22)}m_{101}^{(10)}m_{030}^{(00)} - m_{100}^{(21)}m_{001}^{(22)}m_{101}^{(11)}m_{210}^{(10)} + m_{100}^{(21)}m_{001}^{(22)}m_{101}^{(11)}m_{120}^{(00)}\\
&+m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(21)} + m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(10)} - m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(21)}\\
&-m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(10)} - m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{111}^{(00)} + m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(11)}m_{201}^{(00)}\\
&-m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(10)} + m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(10)} + m_{100}^{(21)}m_{001}^{(22)}m_{011}^{(00)}m_{210}^{(11)}\\
&-m_{100}^{(21)}m_{001}^{(22)}m_{011}^{(00)}m_{120}^{(10)} - m_{100}^{(21)}m_{001}^{(22)}m_{011}^{(10)}m_{300}^{(11)} + m_{100}^{(21)}m_{001}^{(22)}m_{011}^{(10)}m_{120}^{(00)}\\
&+m_{100}^{(21)}m_{001}^{(22)}m_{011}^{(11)}m_{300}^{(10)} - m_{100}^{(21)}m_{001}^{(22)}m_{011}^{(11)}m_{210}^{(00)} - (m_{100}^{(22)})^2m_{110}^{(00)}m_{021}^{(11)}\\
&+(m_{100}^{(22)})^2m_{110}^{(10)}m_{111}^{(11)} + (m_{100}^{(22)})^2m_{110}^{(10)}m_{021}^{(10)} - (m_{100}^{(22)})^2m_{110}^{(11)}m_{111}^{(10)}\\
&+(m_{100}^{(22)})^2m_{101}^{(00)}m_{030}^{(11)} - (m_{100}^{(22)})^2m_{101}^{(10)}m_{120}^{(11)} - (m_{100}^{(22)})^2m_{101}^{(10)}m_{030}^{(10)}\\
&+(m_{100}^{(22)})^2m_{101}^{(11)}m_{120}^{(10)} + (m_{100}^{(22)})^2m_{020}^{(00)}m_{111}^{(11)} - (m_{100}^{(22)})^2m_{020}^{(10)}m_{201}^{(11)}\\
&-(m_{100}^{(22)})^2m_{020}^{(10)}m_{111}^{(10)} + (m_{100}^{(22)})^2m_{020}^{(11)}m_{201}^{(10)} - (m_{100}^{(22)})^2m_{011}^{(00)}m_{120}^{(11)}\\
&+(m_{100}^{(22)})^2m_{011}^{(10)}m_{210}^{(11)} + (m_{100}^{(22)})^2m_{011}^{(10)}m_{120}^{(10)} - (m_{100}^{(22)})^2m_{011}^{(11)}m_{210}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(10)}m_{012}^{(20)} - m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(11)}m_{102}^{(20)} - m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(20)}m_{012}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(21)}m_{102}^{(10)} - 2m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(10)}m_{021}^{(20)} + 2m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(11)}m_{111}^{(20)}\\
&+2m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(20)}m_{021}^{(10)} - 2m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(21)}m_{111}^{(10)} + m_{100}^{(22)}m_{010}^{(00)}m_{002}^{(10)}m_{030}^{(20)}\\
&-m_{100}^{(22)}m_{010}^{(00)}m_{002}^{(11)}m_{120}^{(20)} - m_{100}^{(22)}m_{010}^{(00)}m_{002}^{(20)}m_{030}^{(10)} + m_{100}^{(22)}m_{010}^{(00)}m_{002}^{(21)}m_{120}^{(10)}\\
&-m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(21)}m_{012}^{(10)} + m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(11)}m_{012}^{(20)} + m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(20)}m_{021}^{(21)}\\
&-m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(21)}m_{021}^{(20)} + m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(10)}m_{102}^{(21)} - m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(10)}m_{012}^{(20)}\\
&-m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(20)}m_{111}^{(21)} + m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(20)}m_{012}^{(10)} + m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(21)}m_{111}^{(20)}\\
&-m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(21)}m_{102}^{(10)} + m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(10)}m_{111}^{(21)} + m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(10)}m_{021}^{(20)}\\
&-2m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(11)}m_{111}^{(20)} - m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(20)}m_{120}^{(21)} - m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(20)}m_{021}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(21)}m_{120}^{(20)} + m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(10)} - m_{100}^{(22)}m_{010}^{(10)}m_{020}^{(00)}m_{012}^{(20)}\\
&+m_{100}^{(22)}m_{010}^{(10)}m_{020}^{(10)}m_{102}^{(20)} + m_{100}^{(22)}m_{010}^{(10)}m_{020}^{(20)}m_{012}^{(00)} - m_{100}^{(22)}m_{010}^{(10)}m_{020}^{(21)}m_{102}^{(00)}\\
&+2m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(00)}m_{021}^{(20)} - m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(10)}m_{201}^{(21)} - m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(10)}m_{111}^{(20)}\\
&+m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(20)}m_{210}^{(21)} - m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(20)}m_{111}^{(10)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(20)}m_{021}^{(00)}\\
&-m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(21)}m_{210}^{(20)} + m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(21)}m_{201}^{(10)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(21)}m_{111}^{(00)}\\
&-m_{100}^{(22)}m_{010}^{(10)}m_{002}^{(00)}m_{030}^{(20)} + m_{100}^{(22)}m_{010}^{(10)}m_{002}^{(11)}m_{210}^{(20)} + m_{100}^{(22)}m_{010}^{(10)}m_{002}^{(20)}m_{120}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(10)}m_{002}^{(20)}m_{030}^{(00)} - m_{100}^{(22)}m_{010}^{(10)}m_{002}^{(21)}m_{210}^{(10)} - m_{100}^{(22)}m_{010}^{(10)}m_{002}^{(21)}m_{120}^{(00)}
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\begin{aligned}
&+m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(00)}m_{012}^{(21)} - m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(10)}m_{012}^{(20)} - m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(20)}m_{111}^{(21)}\\
&+m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(21)}m_{111}^{(20)} - m_{100}^{(22)}m_{010}^{(11)}m_{110}^{(00)}m_{102}^{(21)} + m_{100}^{(22)}m_{010}^{(11)}m_{110}^{(00)}m_{012}^{(20)}\\
&+m_{100}^{(22)}m_{010}^{(11)}m_{110}^{(20)}m_{201}^{(21)} - m_{100}^{(22)}m_{010}^{(11)}m_{110}^{(20)}m_{012}^{(00)} - m_{100}^{(22)}m_{010}^{(11)}m_{110}^{(21)}m_{201}^{(20)}\\
&+m_{100}^{(22)}m_{010}^{(11)}m_{110}^{(21)}m_{102}^{(00)} - m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(00)}m_{111}^{(21)} - m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(00)}m_{021}^{(20)}\\
&+2m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(10)}m_{111}^{(20)} + m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(20)}m_{210}^{(21)} + m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(20)}m_{021}^{(00)}\\
&-m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(21)}m_{210}^{(20)} - m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(21)}m_{111}^{(00)} + m_{100}^{(22)}m_{010}^{(11)}m_{011}^{(00)}m_{201}^{(21)}\\
&-m_{100}^{(22)}m_{010}^{(11)}m_{011}^{(00)}m_{111}^{(20)} - m_{100}^{(22)}m_{010}^{(11)}m_{011}^{(20)}m_{300}^{(21)} + m_{100}^{(22)}m_{010}^{(11)}m_{011}^{(20)}m_{111}^{(00)}\\
&+m_{100}^{(22)}m_{010}^{(11)}m_{011}^{(21)}m_{300}^{(20)} - m_{100}^{(22)}m_{010}^{(11)}m_{011}^{(21)}m_{201}^{(00)} + m_{100}^{(22)}m_{010}^{(11)}m_{002}^{(00)}m_{120}^{(20)}\\
&-m_{100}^{(22)}m_{010}^{(11)}m_{002}^{(10)}m_{210}^{(20)} - m_{100}^{(22)}m_{010}^{(11)}m_{002}^{(20)}m_{120}^{(00)} + m_{100}^{(22)}m_{010}^{(11)}m_{002}^{(21)}m_{210}^{(00)}\\
&+m_{100}^{(22)}m_{010}^{(20)}m_{200}^{(10)}m_{012}^{(11)} - m_{100}^{(22)}m_{010}^{(20)}m_{200}^{(11)}m_{012}^{(10)} - m_{100}^{(22)}m_{010}^{(20)}m_{200}^{(20)}m_{021}^{(11)}\\
&+m_{100}^{(22)}m_{010}^{(20)}m_{200}^{(21)}m_{021}^{(10)} - m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(10)}m_{102}^{(11)} + m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(10)}m_{021}^{(20)}\\
&-m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(11)}m_{111}^{(20)} + m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(11)}m_{102}^{(10)} + m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(20)}m_{111}^{(11)}\\
&-m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(20)}m_{021}^{(10)} - m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(10)}m_{111}^{(11)} - m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(10)}m_{030}^{(20)}\\
&+m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(11)}m_{120}^{(20)} + m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(11)}m_{111}^{(10)} + m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(20)}m_{120}^{(11)}\\
&+m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(20)}m_{030}^{(10)} - 2m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(21)}m_{120}^{(10)} + m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(00)}m_{012}^{(10)}\\
&-m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(10)}m_{111}^{(20)} - m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(10)}m_{102}^{(10)} - m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(10)}m_{012}^{(00)}\\
&+m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(11)}m_{201}^{(20)} + m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(11)}m_{102}^{(00)} + m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(20)}m_{111}^{(10)}\\
&-m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(21)}m_{201}^{(10)} - 2m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(00)}m_{021}^{(10)} + m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{201}^{(11)}\\
&+m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{120}^{(20)} + 2m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(10)} + 2m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{021}^{(00)}\\
&-m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(11)}m_{210}^{(20)} - m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(11)}m_{201}^{(10)} - 2m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(11)}m_{111}^{(00)}\\
&-m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(20)}m_{210}^{(11)} - m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(20)}m_{120}^{(10)} + 2m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(21)}m_{210}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(20)}m_{002}^{(00)}m_{030}^{(10)} - m_{100}^{(22)}m_{010}^{(20)}m_{002}^{(10)}m_{120}^{(10)} - m_{100}^{(22)}m_{010}^{(20)}m_{002}^{(10)}m_{030}^{(00)}\\
&+m_{100}^{(22)}m_{010}^{(20)}m_{002}^{(11)}m_{120}^{(00)} - m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(00)}m_{021}^{(21)} - m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(00)}m_{012}^{(11)}\\
&+m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(10)}m_{111}^{(21)} + m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(10)}m_{021}^{(20)} + m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(10)}m_{012}^{(10)}\\
&-m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(11)}m_{111}^{(20)} + m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(20)}m_{111}^{(11)} - m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(00)}m_{111}^{(21)} + m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(00)}m_{102}^{(11)} - m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(00)}m_{021}^{(20)}\\
&-m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(00)}m_{012}^{(10)} - m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{201}^{(21)} + m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{012}^{(00)}\\
&+m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(11)}m_{201}^{(20)} - m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(11)}m_{102}^{(00)} - m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(20)}m_{201}^{(11)}\\
&+m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(20)}m_{021}^{(00)} + m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(21)}m_{201}^{(10)} - m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(21)}m_{111}^{(00)}\\
&+m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(00)}m_{120}^{(21)} + m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(00)}m_{111}^{(11)} + m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(00)}m_{030}^{(20)}\\
&+m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(00)}m_{021}^{(10)} - m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(10)}m_{210}^{(21)} - 2m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(10)}m_{120}^{(20)}\\
&-2m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(10)} - m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(10)}m_{021}^{(00)} + m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(11)}m_{210}^{(20)}\\
&+m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(11)}m_{111}^{(00)} - m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(20)}m_{210}^{(11)} - m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(20)}m_{030}^{(00)}\\
&+m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(21)}m_{210}^{(10)} + m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(21)}m_{120}^{(00)} + m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(00)}m_{111}^{(20)}\\
&-m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(10)}m_{201}^{(20)} - m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(20)}m_{111}^{(00)} + m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(21)}m_{201}^{(00)}\\
&-m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(00)}m_{210}^{(21)} - m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(00)}m_{201}^{(11)} - m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(00)}m_{120}^{(20)}\\
&+m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(00)}m_{111}^{(10)} + m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(10)}m_{300}^{(21)} + 2m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(10)}m_{210}^{(20)}\\
&-m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(10)}m_{111}^{(00)} - m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(11)}m_{300}^{(20)} + m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(11)}m_{201}^{(00)}
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&+m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(20)}m_{300}^{(11)}+m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(20)}m_{120}^{(00)}-m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(21)}m_{300}^{(10)}\\
&-m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(21)}m_{210}^{(00)}-m_{100}^{(22)}m_{010}^{(21)}m_{002}^{(00)}m_{120}^{(10)}+m_{100}^{(22)}m_{010}^{(21)}m_{002}^{(10)}m_{210}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(21)}m_{002}^{(10)}m_{120}^{(00)}-m_{100}^{(22)}m_{010}^{(21)}m_{002}^{(11)}m_{210}^{(00)}+m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(00)}m_{021}^{(11)}\\
&-m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(10)}m_{111}^{(11)}-m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(10)}m_{021}^{(10)}+m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(11)}m_{111}^{(10)}\\
&-m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(00)}m_{111}^{(11)}+m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(00)}m_{021}^{(10)}+m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(10)}m_{201}^{(11)}\\
&-m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(10)}m_{021}^{(00)}-m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(11)}m_{201}^{(10)}+m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(11)}m_{111}^{(00)}\\
&-m_{100}^{(22)}m_{010}^{(22)}m_{101}^{(00)}m_{120}^{(11)}-m_{100}^{(22)}m_{010}^{(22)}m_{101}^{(00)}m_{030}^{(10)}+m_{100}^{(22)}m_{010}^{(22)}m_{101}^{(10)}m_{210}^{(11)}\\
&+2m_{100}^{(22)}m_{010}^{(22)}m_{101}^{(10)}m_{120}^{(10)}+m_{100}^{(22)}m_{010}^{(22)}m_{101}^{(10)}m_{030}^{(00)}-m_{100}^{(22)}m_{010}^{(22)}m_{101}^{(11)}m_{210}^{(10)}\\
&-m_{100}^{(22)}m_{010}^{(22)}m_{101}^{(11)}m_{120}^{(00)}-m_{100}^{(22)}m_{010}^{(22)}m_{020}^{(00)}m_{111}^{(10)}+m_{100}^{(22)}m_{010}^{(22)}m_{020}^{(10)}m_{201}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(22)}m_{020}^{(10)}m_{111}^{(00)}-m_{100}^{(22)}m_{010}^{(22)}m_{020}^{(11)}m_{201}^{(00)}+m_{100}^{(22)}m_{010}^{(22)}m_{011}^{(00)}m_{210}^{(11)}\\
&+m_{100}^{(22)}m_{010}^{(22)}m_{011}^{(00)}m_{120}^{(10)}-m_{100}^{(22)}m_{010}^{(22)}m_{011}^{(10)}m_{300}^{(11)}-2m_{100}^{(22)}m_{010}^{(22)}m_{011}^{(10)}m_{210}^{(10)}\\
&-m_{100}^{(22)}m_{010}^{(22)}m_{011}^{(10)}m_{120}^{(00)}+m_{100}^{(22)}m_{010}^{(22)}m_{011}^{(11)}m_{300}^{(10)}+m_{100}^{(22)}m_{010}^{(22)}m_{011}^{(11)}m_{210}^{(00)}\\
&+m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(10)}m_{021}^{(21)}-m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(11)}m_{021}^{(20)}-m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(20)}m_{030}^{(21)}\\
&+m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(21)}m_{030}^{(20)}-2m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{111}^{(21)}+2m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(11)}m_{111}^{(20)}\\
&+2m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(20)}m_{120}^{(21)}-2m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(21)}m_{120}^{(20)}+m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(10)}m_{201}^{(21)}\\
&-m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(11)}m_{201}^{(20)}-m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(20)}m_{210}^{(21)}+m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(21)}m_{210}^{(20)}\\
&-m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(00)}m_{021}^{(21)}+m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(10)}m_{021}^{(20)}+m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(20)}m_{120}^{(21)}\\
&-m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(21)}m_{120}^{(20)}+2m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(00)}m_{111}^{(21)}-2m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(10)}m_{111}^{(20)}\\
&-2m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(20)}m_{210}^{(21)}+2m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(21)}m_{210}^{(20)}-m_{100}^{(22)}m_{001}^{(11)}m_{020}^{(00)}m_{201}^{(21)}\\
&+m_{100}^{(22)}m_{001}^{(11)}m_{020}^{(10)}m_{201}^{(20)}+m_{100}^{(22)}m_{001}^{(11)}m_{020}^{(20)}m_{300}^{(21)}-m_{100}^{(22)}m_{001}^{(11)}m_{020}^{(21)}m_{300}^{(20)}\\
&-m_{100}^{(22)}m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(11)}+m_{100}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(10)}+m_{100}^{(22)}m_{001}^{(20)}m_{200}^{(20)}m_{030}^{(11)}\\
&-m_{100}^{(22)}m_{001}^{(20)}m_{200}^{(21)}m_{030}^{(10)}+2m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(11)}-2m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(10)}\\
&-2m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(11)}+2m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(10)}-m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(11)}\\
&+m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(10)}+m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(11)}-m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(21)}m_{210}^{(10)}\\
&+m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(00)}m_{030}^{(21)}+m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(11)}-m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{120}^{(21)}\\
&-m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{030}^{(20)}-m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(10)}+m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{120}^{(20)}\\
&-m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(20)}m_{120}^{(11)}+m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(10)}-2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{120}^{(21)}\\
&-2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(11)}+2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{210}^{(21)}+2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{120}^{(20)}\\
&+2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(10)}-2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(11)}m_{210}^{(20)}+2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(11)}\\
&-2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(10)}+m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{210}^{(21)}+m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(11)}\\
&-m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(10)}m_{300}^{(21)}-m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(10)}m_{210}^{(20)}-m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(10)}\\
&+m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(11)}m_{300}^{(20)}-m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(20)}m_{300}^{(11)}+m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(21)}m_{300}^{(10)}\\
&-m_{100}^{(22)}m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(11)}+m_{100}^{(22)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(11)}+m_{100}^{(22)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(10)}\\
&-m_{100}^{(22)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(10)}+2m_{100}^{(22)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(11)}-2m_{100}^{(22)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(11)}\\
&-2m_{100}^{(22)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(10)}+2m_{100}^{(22)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(10)}-m_{100}^{(22)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(11)}\\
&+m_{100}^{(22)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(11)}+m_{100}^{(22)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(10)}-m_{100}^{(22)}m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(10)}\\
&+(m_{010}^{(00)})^2m_{110}^{(11)}m_{003}^{(22)}-(m_{010}^{(00)})^2m_{110}^{(21)}m_{012}^{(22)}-(m_{010}^{(00)})^2m_{110}^{(21)}m_{003}^{(21)}\\
&+(m_{010}^{(00)})^2m_{110}^{(22)}m_{012}^{(21)}-(m_{010}^{(00)})^2m_{101}^{(11)}m_{012}^{(22)}+(m_{010}^{(00)})^2m_{101}^{(21)}m_{021}^{(22)}
\end{aligned}
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\begin{aligned}
&+(m_{010}^{(00)})^2 m_{101}^{(21)} m_{012}^{(21)} - (m_{010}^{(00)})^2 m_{101}^{(22)} m_{021}^{(21)} - (m_{010}^{(00)})^2 m_{011}^{(11)} m_{102}^{(22)} \\
&+(m_{010}^{(00)})^2 m_{011}^{(21)} m_{111}^{(22)} + (m_{010}^{(00)})^2 m_{011}^{(21)} m_{102}^{(21)} - (m_{010}^{(00)})^2 m_{011}^{(22)} m_{111}^{(21)} \\
&+(m_{010}^{(00)})^2 m_{002}^{(11)} m_{111}^{(22)} - (m_{010}^{(00)})^2 m_{002}^{(21)} m_{120}^{(22)} - (m_{010}^{(00)})^2 m_{002}^{(21)} m_{111}^{(21)} \\
&+(m_{010}^{(00)})^2 m_{002}^{(22)} m_{120}^{(21)} - m_{010}^{(00)} m_{010}^{(10)} m_{200}^{(11)} m_{003}^{(22)} + m_{010}^{(00)} m_{010}^{(10)} m_{200}^{(21)} m_{012}^{(22)} \\
&+m_{010}^{(00)} m_{010}^{(10)} m_{200}^{(21)} m_{003}^{(21)} - m_{010}^{(00)} m_{010}^{(10)} m_{200}^{(22)} m_{012}^{(21)} - 2m_{010}^{(00)} m_{010}^{(10)} m_{110}^{(10)} m_{003}^{(22)} \\
&+m_{010}^{(00)} m_{010}^{(10)} m_{110}^{(20)} m_{012}^{(22)} + m_{010}^{(00)} m_{010}^{(10)} m_{110}^{(20)} m_{003}^{(21)} + m_{010}^{(00)} m_{010}^{(10)} m_{110}^{(21)} m_{102}^{(22)} \\
&+m_{010}^{(00)} m_{010}^{(10)} m_{110}^{(21)} m_{003}^{(20)} - m_{010}^{(00)} m_{010}^{(10)} m_{110}^{(22)} m_{102}^{(21)} - m_{010}^{(00)} m_{010}^{(10)} m_{110}^{(22)} m_{012}^{(20)} \\
&+2m_{010}^{(00)} m_{010}^{(10)} m_{101}^{(10)} m_{012}^{(22)} + 2m_{010}^{(00)} m_{010}^{(10)} m_{101}^{(11)} m_{102}^{(22)} - m_{010}^{(00)} m_{010}^{(10)} m_{101}^{(20)} m_{021}^{(22)} \\
&-m_{010}^{(00)} m_{010}^{(10)} m_{101}^{(20)} m_{012}^{(21)} - 3m_{010}^{(00)} m_{010}^{(10)} m_{101}^{(21)} m_{111}^{(22)} - 2m_{010}^{(00)} m_{010}^{(10)} m_{101}^{(21)} m_{102}^{(21)} \\
&-m_{010}^{(00)} m_{010}^{(10)} m_{101}^{(21)} m_{012}^{(20)} + 3m_{010}^{(00)} m_{010}^{(10)} m_{101}^{(22)} m_{111}^{(21)} + m_{010}^{(00)} m_{010}^{(10)} m_{101}^{(22)} m_{021}^{(20)} \\
&+2m_{010}^{(00)} m_{010}^{(10)} m_{011}^{(10)} m_{102}^{(22)} - m_{010}^{(00)} m_{010}^{(10)} m_{011}^{(20)} m_{111}^{(22)} - m_{010}^{(00)} m_{010}^{(10)} m_{011}^{(20)} m_{102}^{(21)} \\
&-m_{010}^{(00)} m_{010}^{(10)} m_{011}^{(21)} m_{201}^{(22)} - m_{010}^{(00)} m_{010}^{(10)} m_{011}^{(21)} m_{102}^{(20)} + m_{010}^{(00)} m_{010}^{(10)} m_{011}^{(22)} m_{201}^{(21)} \\
&+m_{010}^{(00)} m_{010}^{(10)} m_{011}^{(22)} m_{111}^{(20)} - 2m_{010}^{(00)} m_{010}^{(10)} m_{002}^{(10)} m_{111}^{(22)} - m_{010}^{(00)} m_{010}^{(10)} m_{002}^{(11)} m_{201}^{(22)} \\
&+m_{010}^{(00)} m_{010}^{(10)} m_{002}^{(20)} m_{120}^{(22)} + m_{010}^{(00)} m_{010}^{(10)} m_{002}^{(20)} m_{111}^{(21)} + 2m_{010}^{(00)} m_{010}^{(10)} m_{002}^{(21)} m_{210}^{(22)} \\
&+m_{010}^{(00)} m_{010}^{(10)} m_{002}^{(21)} m_{201}^{(21)} + m_{010}^{(00)} m_{010}^{(10)} m_{002}^{(21)} m_{111}^{(20)} - 2m_{010}^{(00)} m_{010}^{(10)} m_{002}^{(22)} m_{210}^{(21)} \\
&-m_{010}^{(00)} m_{010}^{(10)} m_{002}^{(22)} m_{120}^{(20)} + m_{010}^{(00)} m_{010}^{(11)} m_{200}^{(10)} m_{003}^{(22)} - m_{010}^{(00)} m_{010}^{(11)} m_{200}^{(20)} m_{012}^{(22)} \\
&-m_{010}^{(00)} m_{010}^{(11)} m_{200}^{(21)} m_{003}^{(20)} + m_{010}^{(00)} m_{010}^{(11)} m_{200}^{(22)} m_{012}^{(20)} - 2m_{010}^{(00)} m_{010}^{(11)} m_{101}^{(10)} m_{102}^{(22)} \\
&+2m_{010}^{(00)} m_{010}^{(11)} m_{101}^{(20)} m_{111}^{(22)} + 2m_{010}^{(00)} m_{010}^{(11)} m_{101}^{(21)} m_{102}^{(20)} - 2m_{010}^{(00)} m_{010}^{(11)} m_{101}^{(22)} m_{111}^{(20)} \\
&+m_{010}^{(00)} m_{010}^{(11)} m_{002}^{(10)} m_{201}^{(22)} - m_{010}^{(00)} m_{010}^{(11)} m_{002}^{(20)} m_{210}^{(22)} - m_{010}^{(00)} m_{010}^{(11)} m_{002}^{(21)} m_{201}^{(20)} \\
&+m_{010}^{(00)} m_{010}^{(11)} m_{002}^{(22)} m_{210}^{(20)} + m_{010}^{(00)} m_{010}^{(20)} m_{200}^{(11)} m_{012}^{(22)} - m_{010}^{(00)} m_{010}^{(20)} m_{200}^{(21)} m_{021}^{(22)} \\
&-m_{010}^{(00)} m_{010}^{(20)} m_{200}^{(21)} m_{012}^{(21)} + m_{010}^{(00)} m_{010}^{(20)} m_{200}^{(22)} m_{021}^{(21)} + m_{010}^{(00)} m_{010}^{(20)} m_{110}^{(10)} m_{012}^{(22)} \\
&+m_{010}^{(00)} m_{010}^{(20)} m_{110}^{(10)} m_{003}^{(21)} - 2m_{010}^{(00)} m_{010}^{(20)} m_{110}^{(11)} m_{102}^{(22)} - 2m_{010}^{(00)} m_{010}^{(20)} m_{110}^{(11)} m_{003}^{(20)} \\
&-2m_{010}^{(00)} m_{010}^{(20)} m_{110}^{(20)} m_{012}^{(21)} + m_{010}^{(00)} m_{010}^{(20)} m_{110}^{(21)} m_{111}^{(22)} + 2m_{010}^{(00)} m_{010}^{(20)} m_{110}^{(21)} m_{102}^{(21)} \\
&+2m_{010}^{(00)} m_{010}^{(20)} m_{110}^{(21)} m_{012}^{(20)} + m_{010}^{(00)} m_{010}^{(20)} m_{110}^{(21)} m_{003}^{(10)} - m_{010}^{(00)} m_{010}^{(20)} m_{110}^{(22)} m_{111}^{(21)} \\
&-m_{010}^{(00)} m_{010}^{(20)} m_{110}^{(22)} m_{012}^{(10)} - m_{010}^{(00)} m_{010}^{(20)} m_{101}^{(10)} m_{021}^{(22)} - m_{010}^{(00)} m_{010}^{(20)} m_{101}^{(10)} m_{012}^{(21)} \\
&+2m_{010}^{(00)} m_{010}^{(20)} m_{101}^{(11)} m_{012}^{(20)} + 2m_{010}^{(00)} m_{010}^{(20)} m_{101}^{(20)} m_{021}^{(21)} + m_{010}^{(00)} m_{010}^{(20)} m_{101}^{(21)} m_{120}^{(22)} \\
&-2m_{010}^{(00)} m_{010}^{(20)} m_{101}^{(21)} m_{021}^{(20)} - m_{010}^{(00)} m_{010}^{(20)} m_{101}^{(21)} m_{012}^{(10)} - m_{010}^{(00)} m_{010}^{(20)} m_{101}^{(22)} m_{120}^{(10)} \\
&+m_{010}^{(00)} m_{010}^{(20)} m_{101}^{(22)} m_{021}^{(10)} - m_{010}^{(00)} m_{010}^{(20)} m_{011}^{(10)} m_{111}^{(22)} - m_{010}^{(00)} m_{010}^{(20)} m_{011}^{(10)} m_{102}^{(21)} \\
&+2m_{010}^{(00)} m_{010}^{(20)} m_{011}^{(11)} m_{201}^{(22)} + 2m_{010}^{(00)} m_{010}^{(20)} m_{011}^{(11)} m_{102}^{(20)} + 2m_{010}^{(00)} m_{010}^{(20)} m_{011}^{(20)} m_{111}^{(21)} \\
&-m_{010}^{(00)} m_{010}^{(20)} m_{011}^{(21)} m_{210}^{(22)} - 2m_{010}^{(00)} m_{010}^{(20)} m_{011}^{(21)} m_{201}^{(21)} - 2m_{010}^{(00)} m_{010}^{(20)} m_{011}^{(21)} m_{111}^{(20)} \\
&-m_{010}^{(00)} m_{010}^{(20)} m_{011}^{(21)} m_{102}^{(10)} + m_{010}^{(00)} m_{010}^{(20)} m_{011}^{(22)} m_{210}^{(21)} + m_{010}^{(00)} m_{010}^{(20)} m_{011}^{(22)} m_{111}^{(10)} \\
&+m_{010}^{(00)} m_{010}^{(20)} m_{002}^{(10)} m_{120}^{(22)} + m_{010}^{(00)} m_{010}^{(20)} m_{002}^{(10)} m_{111}^{(21)} - m_{010}^{(00)} m_{010}^{(20)} m_{002}^{(11)} m_{210}^{(22)} \\
&-2m_{010}^{(00)} m_{010}^{(20)} m_{002}^{(11)} m_{111}^{(20)} - 2m_{010}^{(00)} m_{010}^{(20)} m_{002}^{(20)} m_{120}^{(21)} + m_{010}^{(00)} m_{010}^{(20)} m_{002}^{(21)} m_{210}^{(21)} \\
&+2m_{010}^{(00)} m_{010}^{(20)} m_{002}^{(21)} m_{120}^{(20)} + m_{010}^{(00)} m_{010}^{(20)} m_{002}^{(21)} m_{111}^{(10)} - m_{010}^{(00)} m_{010}^{(20)} m_{002}^{(22)} m_{120}^{(10)} \\
&-m_{010}^{(00)} m_{010}^{(21)} m_{200}^{(10)} m_{012}^{(22)} - m_{010}^{(00)} m_{010}^{(21)} m_{200}^{(10)} m_{003}^{(21)} + m_{010}^{(00)} m_{010}^{(21)} m_{200}^{(11)} m_{003}^{(20)} \\
&+m_{010}^{(00)} m_{010}^{(21)} m_{200}^{(20)} m_{021}^{(22)} + m_{010}^{(00)} m_{010}^{(21)} m_{200}^{(20)} m_{012}^{(21)} - m_{010}^{(00)} m_{010}^{(21)} m_{200}^{(22)} m_{021}^{(20)} \\
&+m_{010}^{(00)} m_{010}^{(21)} m_{110}^{(10)} m_{102}^{(22)} + m_{010}^{(00)} m_{010}^{(21)} m_{110}^{(10)} m_{003}^{(20)} - m_{010}^{(00)} m_{010}^{(21)} m_{110}^{(20)} m_{111}^{(22)} \\
&-m_{010}^{(00)} m_{010}^{(21)} m_{110}^{(20)} m_{003}^{(10)} - 2m_{010}^{(00)} m_{010}^{(21)} m_{110}^{(21)} m_{102}^{(20)} + m_{010}^{(00)} m_{010}^{(21)} m_{110}^{(22)} m_{111}^{(20)}
\end{aligned}
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\begin{aligned}
&+m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(22)}m_{102}^{(10)}+m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(22)}+2m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(10)}m_{102}^{(21)}\\
&-m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(10)}m_{012}^{(20)}-2m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(11)}m_{102}^{(20)}-m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(22)}\\
&-2m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(21)}+m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(20)}m_{012}^{(10)}+2m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(20)}\\
&+m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(22)}m_{120}^{(20)}-m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(22)}m_{111}^{(10)}-m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(22)}\\
&-m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(10)}m_{102}^{(20)}+m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(22)}+m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{102}^{(10)}\\
&+2m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(20)}-m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{210}^{(20)}-m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{201}^{(10)}\\
&-m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(10)}m_{201}^{(21)}+m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(10)}m_{111}^{(20)}+m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(11)}m_{201}^{(20)}\\
&+m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(20)}m_{210}^{(21)}-m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(20)}m_{111}^{(10)}-2m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(21)}m_{210}^{(20)}\\
&+m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(22)}m_{210}^{(10)}+m_{010}^{(00)}m_{010}^{(22)}m_{200}^{(10)}m_{012}^{(21)}-m_{010}^{(00)}m_{010}^{(22)}m_{200}^{(11)}m_{012}^{(20)}\\
&-m_{010}^{(00)}m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(21)}+m_{010}^{(00)}m_{010}^{(22)}m_{200}^{(21)}m_{021}^{(20)}-m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(10)}m_{102}^{(21)}\\
&-m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(10)}m_{012}^{(20)}+2m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(11)}m_{102}^{(20)}+m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(21)}\\
&+m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(20)}m_{012}^{(10)}-m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(20)}-m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{102}^{(10)}\\
&-m_{010}^{(00)}m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(21)}+m_{010}^{(00)}m_{010}^{(22)}m_{101}^{(10)}m_{021}^{(20)}+m_{010}^{(00)}m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(21)}\\
&-m_{010}^{(00)}m_{010}^{(22)}m_{101}^{(20)}m_{021}^{(10)}-m_{010}^{(00)}m_{010}^{(22)}m_{101}^{(21)}m_{120}^{(20)}+m_{010}^{(00)}m_{010}^{(22)}m_{101}^{(21)}m_{111}^{(10)}\\
&+m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(10)}m_{201}^{(21)}+m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(10)}m_{111}^{(20)}-2m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(11)}m_{201}^{(20)}\\
&-m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(21)}-m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(20)}m_{111}^{(10)}+m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{210}^{(20)}\\
&+m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{201}^{(10)}-m_{010}^{(00)}m_{010}^{(22)}m_{002}^{(10)}m_{120}^{(20)}+m_{010}^{(00)}m_{010}^{(22)}m_{002}^{(11)}m_{210}^{(20)}\\
&+m_{010}^{(00)}m_{010}^{(22)}m_{002}^{(20)}m_{120}^{(10)}-m_{010}^{(00)}m_{010}^{(22)}m_{002}^{(21)}m_{210}^{(10)}-m_{010}^{(00)}m_{001}^{(00)}m_{110}^{(11)}m_{012}^{(22)}\\
&-m_{010}^{(00)}m_{001}^{(00)}m_{110}^{(11)}m_{003}^{(21)}+m_{010}^{(00)}m_{001}^{(00)}m_{110}^{(21)}m_{021}^{(22)}+2m_{010}^{(00)}m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(00)}m_{110}^{(21)}m_{003}^{(11)}-m_{010}^{(00)}m_{001}^{(00)}m_{110}^{(22)}m_{021}^{(21)}-m_{010}^{(00)}m_{001}^{(00)}m_{110}^{(22)}m_{012}^{(11)}\\
&+m_{010}^{(00)}m_{001}^{(00)}m_{101}^{(11)}m_{021}^{(22)}+m_{010}^{(00)}m_{001}^{(00)}m_{101}^{(11)}m_{012}^{(21)}-m_{010}^{(00)}m_{001}^{(00)}m_{101}^{(21)}m_{030}^{(22)}\\
&-2m_{010}^{(00)}m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(21)}-m_{010}^{(00)}m_{001}^{(00)}m_{101}^{(21)}m_{012}^{(11)}+m_{010}^{(00)}m_{001}^{(00)}m_{101}^{(22)}m_{030}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(00)}m_{101}^{(22)}m_{021}^{(11)}+m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(11)}m_{102}^{(22)}-m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(21)}m_{111}^{(22)}\\
&-m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(21)}+m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(22)}m_{111}^{(21)}-m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(11)}m_{111}^{(22)}\\
&+m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(11)}m_{102}^{(21)}+m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(21)}m_{120}^{(22)}-m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(21)}m_{102}^{(11)}\\
&-m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(22)}m_{120}^{(21)}+m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(22)}m_{111}^{(11)}-m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(11)}m_{111}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(21)}m_{120}^{(11)}+m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(21)}m_{111}^{(11)}-m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(22)}m_{120}^{(11)}\\
&+m_{010}^{(00)}m_{001}^{(10)}m_{200}^{(11)}m_{003}^{(21)}-m_{010}^{(00)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(21)}-m_{010}^{(00)}m_{001}^{(10)}m_{200}^{(21)}m_{003}^{(11)}\\
&+m_{010}^{(00)}m_{001}^{(10)}m_{200}^{(22)}m_{012}^{(11)}+m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(22)}+m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(12)}m_{003}^{(21)}\\
&-2m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(21)}-m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(22)}-m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{003}^{(10)}\\
&+m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(21)}+m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{012}^{(10)}-m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(22)}\\
&-m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(21)}-2m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(11)}m_{102}^{(21)}+2m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(22)}+2m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(21)}+2m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{102}^{(11)}\\
&+m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{012}^{(10)}-m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(22)}m_{120}^{(21)}-2m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(22)}m_{111}^{(11)}\\
&-m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(22)}m_{021}^{(10)}-m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(22)}+m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{201}^{(22)}-m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{201}^{(21)}+m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(22)}\\
&-m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(21)}-m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{210}^{(22)}+m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{102}^{(10)}\\
&+m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{210}^{(21)}-m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{111}^{(10)}+m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(21)}
\end{aligned}
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\begin{aligned}
&+m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{201}^{(21)} - m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(21)} - m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{210}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{201}^{(11)} - m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{111}^{(10)} + m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(22)}m_{210}^{(11)}\\
&+m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(22)}m_{120}^{(10)} - m_{010}^{(00)}m_{001}^{(11)}m_{200}^{(10)}m_{003}^{(21)} + m_{010}^{(00)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(11)}m_{200}^{(21)}m_{003}^{(10)} - m_{010}^{(00)}m_{001}^{(11)}m_{200}^{(22)}m_{012}^{(10)} + 2m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(21)}\\
&-2m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(21)} - 2m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{102}^{(10)} + 2m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(22)}m_{111}^{(10)}\\
&-m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(10)}m_{201}^{(21)} + m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(21)} + m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{201}^{(10)}\\
&-m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(22)}m_{210}^{(10)} - m_{010}^{(00)}m_{001}^{(20)}m_{200}^{(11)}m_{012}^{(21)} + m_{010}^{(00)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(20)}m_{200}^{(21)}m_{012}^{(11)} - m_{010}^{(00)}m_{001}^{(20)}m_{200}^{(22)}m_{021}^{(11)} - m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(22)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(10)}m_{003}^{(11)} + m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(22)} + m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(11)}m_{102}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(11)}m_{012}^{(20)} + m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(11)}m_{003}^{(10)} + m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(20)}m_{012}^{(11)} - 2m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(21)} - m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{102}^{(11)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(20)} - 2m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{012}^{(10)} + m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(22)}m_{111}^{(11)}\\
&+m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(22)}m_{021}^{(10)} + m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(22)} + m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(10)}m_{012}^{(11)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(22)} + m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(21)} - m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{021}^{(20)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{012}^{(10)} - m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(21)} - m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(20)}m_{021}^{(11)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{111}^{(11)} + m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{030}^{(20)} + 2m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{021}^{(10)}\\
&+m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(22)}m_{120}^{(11)} - m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(22)}m_{030}^{(10)} + m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(22)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(22)} - m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{102}^{(20)} - m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(21)} + m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(20)} + m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{102}^{(10)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(22)}m_{111}^{(10)} - m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(22)} + m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{102}^{(11)}\\
&+m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(22)} - m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{201}^{(21)} + m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{111}^{(20)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{102}^{(10)} + m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(21)} - m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{111}^{(11)}\\
&+m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{201}^{(11)} - m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(20)} - m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(22)}m_{210}^{(11)}\\
&+m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(22)}m_{120}^{(10)} - m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(10)}m_{111}^{(11)} + m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(11)}m_{111}^{(10)}\\
&+m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(20)}m_{120}^{(11)} - m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(21)}m_{120}^{(10)} + m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(10)}m_{003}^{(11)} - m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(11)}m_{003}^{(10)} - m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(20)}m_{012}^{(11)} + m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(22)}m_{021}^{(10)} - m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{012}^{(20)} + m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(21)} + m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{012}^{(10)}\\
&+m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(20)} + m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{102}^{(10)} - 2m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(22)}m_{111}^{(10)}\\
&-m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(21)} - 2m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{102}^{(11)} + m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(20)}\\
&+2m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{102}^{(10)} + m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(21)} + 2m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(20)}m_{111}^{(11)}\\
&-m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(20)}m_{021}^{(10)} - m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(20)} - m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{111}^{(10)}\\
&+m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{102}^{(20)} - m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{102}^{(21)} - m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(20)}\\
&+m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{201}^{(10)} + m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(21)} - m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(20)}\\
&-m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(21)} + m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{111}^{(21)} + m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(20)}\\
&-m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{201}^{(10)} + m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(10)}m_{201}^{(11)} - m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(11)}m_{201}^{(10)}\\
&-m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(20)}m_{210}^{(11)} + m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(21)}m_{210}^{(10)} - m_{010}^{(00)}m_{001}^{(22)}m_{200}^{(10)}m_{012}^{(11)}\\
&+m_{010}^{(00)}m_{001}^{(22)}m_{200}^{(11)}m_{012}^{(10)} + m_{010}^{(00)}m_{001}^{(22)}m_{200}^{(20)}m_{021}^{(11)} - m_{010}^{(00)}m_{001}^{(22)}m_{200}^{(21)}m_{021}^{(10)}
\end{aligned}
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\begin{aligned}
&+m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{102}^{(11)}+m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{021}^{(20)}-m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(11)}m_{111}^{(20)}\\
&-m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(11)}m_{102}^{(10)}-m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(20)}m_{111}^{(11)}-m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(20)}m_{021}^{(10)}\\
&+2m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(21)}m_{111}^{(10)}+m_{010}^{(00)}m_{001}^{(22)}m_{101}^{(10)}m_{111}^{(11)}-m_{010}^{(00)}m_{001}^{(22)}m_{101}^{(10)}m_{030}^{(20)}\\
&+m_{010}^{(00)}m_{001}^{(22)}m_{101}^{(11)}m_{120}^{(20)}-m_{010}^{(00)}m_{001}^{(22)}m_{101}^{(11)}m_{111}^{(10)}-m_{010}^{(00)}m_{001}^{(22)}m_{101}^{(20)}m_{120}^{(11)}\\
&+m_{010}^{(00)}m_{001}^{(22)}m_{101}^{(20)}m_{030}^{(10)}-m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(10)}m_{111}^{(20)}+m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(11)}m_{201}^{(20)}\\
&+m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(20)}m_{111}^{(10)}-m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(21)}m_{201}^{(10)}-m_{010}^{(00)}m_{001}^{(22)}m_{011}^{(10)}m_{201}^{(11)}\\
&+m_{010}^{(00)}m_{001}^{(22)}m_{011}^{(10)}m_{120}^{(20)}-m_{010}^{(00)}m_{001}^{(22)}m_{011}^{(11)}m_{210}^{(20)}+m_{010}^{(00)}m_{001}^{(22)}m_{011}^{(11)}m_{201}^{(10)}\\
&+m_{010}^{(00)}m_{001}^{(22)}m_{011}^{(20)}m_{210}^{(11)}-m_{010}^{(00)}m_{001}^{(22)}m_{011}^{(20)}m_{120}^{(10)}+(m_{010}^{(10)})^2m_{200}^{(10)}m_{003}^{(22)}\\
&-(m_{010}^{(10)})^2m_{200}^{(20)}m_{003}^{(21)}-(m_{010}^{(10)})^2m_{200}^{(21)}m_{102}^{(22)}+(m_{010}^{(10)})^2m_{200}^{(22)}m_{102}^{(21)}\\
&+(m_{010}^{(10)})^2m_{110}^{(00)}m_{003}^{(22)}-(m_{010}^{(10)})^2m_{110}^{(20)}m_{102}^{(22)}-(m_{010}^{(10)})^2m_{110}^{(20)}m_{003}^{(20)}\\
&+(m_{010}^{(10)})^2m_{110}^{(22)}m_{102}^{(20)}-(m_{010}^{(10)})^2m_{101}^{(00)}m_{012}^{(22)}-2(m_{010}^{(10)})^2m_{101}^{(10)}m_{102}^{(22)}\\
&+(m_{010}^{(10)})^2m_{101}^{(20)}m_{111}^{(22)}+2(m_{010}^{(10)})^2m_{101}^{(20)}m_{102}^{(21)}+(m_{010}^{(10)})^2m_{101}^{(20)}m_{012}^{(20)}\\
&+2(m_{010}^{(10)})^2m_{101}^{(21)}m_{201}^{(22)}-2(m_{010}^{(10)})^2m_{101}^{(22)}m_{201}^{(21)}-(m_{010}^{(10)})^2m_{101}^{(22)}m_{111}^{(20)}\\
&-(m_{010}^{(10)})^2m_{011}^{(00)}m_{102}^{(22)}+(m_{010}^{(10)})^2m_{011}^{(20)}m_{201}^{(22)}+(m_{010}^{(10)})^2m_{011}^{(20)}m_{102}^{(20)}\\
&-(m_{010}^{(10)})^2m_{011}^{(22)}m_{201}^{(20)}+(m_{010}^{(10)})^2m_{002}^{(00)}m_{111}^{(22)}+(m_{010}^{(10)})^2m_{002}^{(10)}m_{201}^{(22)}\\
&-(m_{010}^{(10)})^2m_{002}^{(20)}m_{210}^{(22)}-(m_{010}^{(10)})^2m_{002}^{(20)}m_{201}^{(21)}-(m_{010}^{(10)})^2m_{002}^{(20)}m_{111}^{(20)}\\
&-(m_{010}^{(10)})^2m_{002}^{(21)}m_{300}^{(22)}+(m_{010}^{(10)})^2m_{002}^{(22)}m_{300}^{(21)}+(m_{010}^{(10)})^2m_{002}^{(22)}m_{210}^{(20)}\\
&-m_{010}^{(10)}m_{010}^{(11)}m_{200}^{(00)}m_{003}^{(22)}+m_{010}^{(10)}m_{010}^{(11)}m_{200}^{(20)}m_{102}^{(22)}+m_{010}^{(10)}m_{010}^{(11)}m_{200}^{(20)}m_{003}^{(20)}\\
&-m_{010}^{(10)}m_{010}^{(11)}m_{200}^{(22)}m_{102}^{(20)}+2m_{010}^{(10)}m_{010}^{(11)}m_{101}^{(00)}m_{102}^{(22)}-2m_{010}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{201}^{(22)}\\
&-2m_{010}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{102}^{(20)}+2m_{010}^{(10)}m_{010}^{(11)}m_{101}^{(22)}m_{201}^{(20)}-m_{010}^{(10)}m_{010}^{(11)}m_{002}^{(00)}m_{201}^{(22)}\\
&+m_{010}^{(10)}m_{010}^{(11)}m_{002}^{(20)}m_{300}^{(22)}+m_{010}^{(10)}m_{010}^{(11)}m_{002}^{(20)}m_{201}^{(20)}-m_{010}^{(10)}m_{010}^{(11)}m_{002}^{(22)}m_{300}^{(20)}\\
&-2m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(10)}m_{012}^{(22)}+m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(11)}m_{102}^{(22)}+m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(11)}m_{003}^{(20)}\\
&+2m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(20)}m_{012}^{(21)}+m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{111}^{(22)}-m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{102}^{(21)}\\
&-m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{012}^{(20)}-m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{003}^{(10)}-m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(22)}m_{111}^{(21)}\\
&+m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(22)}m_{012}^{(10)}-m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(00)}m_{012}^{(22)}-m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(00)}m_{003}^{(21)}\\
&+2m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(10)}m_{102}^{(22)}+2m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(10)}m_{003}^{(20)}-m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{201}^{(22)}\\
&-2m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{102}^{(20)}-m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{003}^{(00)}+m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{201}^{(21)}\\
&+m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{012}^{(00)}+m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(00)}m_{021}^{(22)}+m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(00)}m_{012}^{(21)}\\
&+2m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{111}^{(22)}-2m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{012}^{(20)}-2m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(11)}m_{201}^{(22)}\\
&-2m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(11)}m_{102}^{(20)}-4m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(20)}m_{111}^{(21)}-m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{210}^{(22)}\\
&+2m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{201}^{(21)}+4m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(20)}+2m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{102}^{(10)}\\
&+m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{012}^{(00)}+m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{210}^{(21)}-2m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{111}^{(10)}\\
&-m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{021}^{(00)}+m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(00)}m_{111}^{(22)}+m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(00)}m_{102}^{(21)}\\
&-2m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{201}^{(22)}-2m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{102}^{(20)}+m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{300}^{(22)}\\
&+2m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{201}^{(20)}+m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{102}^{(00)}-m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{300}^{(21)}\\
&-m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{111}^{(00)}-m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(00)}m_{120}^{(22)}-m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(00)}m_{111}^{(21)}\\
&+2m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{111}^{(20)}+m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(11)}m_{300}^{(22)}+m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(11)}m_{201}^{(20)}\\
&+2m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{210}^{(21)}-m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{300}^{(21)}-3m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{210}^{(20)}
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\begin{aligned}
&-m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{201}^{(10)} - m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{111}^{(00)} + m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(22)}m_{210}^{(10)}\\
&+m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(22)}m_{120}^{(00)} + m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(00)}m_{012}^{(22)} + m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(00)}m_{003}^{(21)}\\
&-2m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(10)}m_{003}^{(20)} - m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(20)}m_{111}^{(22)} - m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(20)}m_{102}^{(21)}\\
&-m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(20)} + m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(20)}m_{003}^{(10)} + 2m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{102}^{(20)}\\
&+m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{111}^{(20)} - m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{102}^{(10)} - m_{010}^{(10)}m_{010}^{(21)}m_{110}^{(00)}m_{102}^{(22)}\\
&-m_{010}^{(10)}m_{010}^{(21)}m_{110}^{(00)}m_{003}^{(20)} + m_{010}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{201}^{(22)} + 2m_{010}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(20)}\\
&+m_{010}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{003}^{(00)} - m_{010}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{201}^{(20)} - m_{010}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{102}^{(00)}\\
&-m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(00)}m_{111}^{(22)} - 2m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(00)}m_{102}^{(21)} + m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(00)}m_{012}^{(20)}\\
&+4m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{102}^{(20)} + m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{210}^{(22)} + 2m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{201}^{(21)}\\
&-2m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{102}^{(10)} - m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{012}^{(00)} - 4m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{201}^{(20)}\\
&-m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{210}^{(20)} + 2m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{201}^{(10)} + m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{111}^{(00)}\\
&+m_{010}^{(10)}m_{010}^{(21)}m_{011}^{(00)}m_{201}^{(22)} + m_{010}^{(10)}m_{010}^{(21)}m_{011}^{(00)}m_{102}^{(20)} - m_{010}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{300}^{(22)}\\
&-2m_{010}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(20)} - m_{010}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{102}^{(00)} + m_{010}^{(10)}m_{010}^{(21)}m_{011}^{(22)}m_{300}^{(20)}\\
&+m_{010}^{(10)}m_{010}^{(21)}m_{011}^{(22)}m_{201}^{(00)} + m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(00)}m_{201}^{(21)} - m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(00)}m_{111}^{(20)}\\
&-2m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{201}^{(20)} - m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{300}^{(21)} + m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{210}^{(20)}\\
&+m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{201}^{(10)} + m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{111}^{(00)} + 2m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{300}^{(20)}\\
&-m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(22)}m_{300}^{(10)} - m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(22)}m_{210}^{(00)} - m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(00)}m_{012}^{(21)}\\
&+2m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(10)}m_{012}^{(20)} - m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(11)}m_{102}^{(20)} + m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(20)}m_{111}^{(21)}\\
&-m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(20)}m_{012}^{(10)} - m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(20)} + m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(21)}m_{102}^{(10)}\\
&+m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(00)}m_{102}^{(21)} + m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(00)}m_{012}^{(20)} - 2m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{102}^{(20)}\\
&-m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{201}^{(21)} - m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{012}^{(00)} + m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(20)}\\
&+m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{102}^{(00)} + m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(00)}m_{111}^{(21)} - m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(00)}m_{021}^{(20)}\\
&-2m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(20)} + 2m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(11)}m_{201}^{(20)} - m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{210}^{(21)}\\
&+2m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{111}^{(10)} + m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{021}^{(00)} + m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(20)}\\
&-2m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{201}^{(10)} - m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{111}^{(00)} - m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{201}^{(21)}\\
&-m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{111}^{(20)} + 2m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{201}^{(20)} + m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{300}^{(21)}\\
&+m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{111}^{(00)} - m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(21)}m_{300}^{(20)} - m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(21)}m_{201}^{(00)}\\
&+m_{010}^{(10)}m_{010}^{(22)}m_{002}^{(00)}m_{120}^{(20)} - m_{010}^{(10)}m_{010}^{(22)}m_{002}^{(11)}m_{300}^{(20)} - m_{010}^{(10)}m_{010}^{(22)}m_{002}^{(20)}m_{210}^{(10)}\\
&-m_{010}^{(10)}m_{010}^{(22)}m_{002}^{(20)}m_{120}^{(00)} + m_{010}^{(10)}m_{010}^{(22)}m_{002}^{(21)}m_{300}^{(10)} + m_{010}^{(10)}m_{010}^{(22)}m_{002}^{(21)}m_{210}^{(00)}\\
&+m_{010}^{(10)}m_{001}^{(00)}m_{200}^{(11)}m_{012}^{(22)} - m_{010}^{(10)}m_{001}^{(00)}m_{200}^{(21)}m_{021}^{(22)} - m_{010}^{(10)}m_{001}^{(00)}m_{200}^{(21)}m_{012}^{(21)}\\
&+m_{010}^{(10)}m_{001}^{(00)}m_{200}^{(22)}m_{021}^{(21)} + m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(10)}m_{012}^{(22)} + m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(10)}m_{003}^{(21)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(11)}m_{102}^{(22)} + m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(11)}m_{003}^{(20)} - m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(20)}m_{021}^{(22)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(20)}m_{003}^{(11)} + m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{111}^{(22)} - 2m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{003}^{(10)} - m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(22)}m_{111}^{(21)} + m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(22)}m_{102}^{(11)}\\
&+m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(22)}m_{021}^{(20)} + m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(22)}m_{012}^{(10)} - m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(10)}m_{021}^{(22)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(10)}m_{012}^{(21)} - m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(11)}m_{111}^{(22)} - m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(11)}m_{012}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(20)}m_{030}^{(22)} + m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(20)}m_{012}^{(11)} + m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{101}^{(22)}m_{120}^{(10)}\\
&+2m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{111}^{(21)} + 2m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(20)} + m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{012}^{(10)}
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\begin{aligned}
&-m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(22)}m_{120}^{(21)} - m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(22)}m_{111}^{(11)} - m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(22)}m_{030}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(22)}m_{021}^{(10)} - m_{010}^{(10)}m_{001}^{(00)}m_{020}^{(10)}m_{102}^{(22)} + m_{010}^{(10)}m_{001}^{(00)}m_{020}^{(20)}m_{111}^{(22)}\\
&+m_{010}^{(10)}m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(20)} - m_{010}^{(10)}m_{001}^{(00)}m_{020}^{(22)}m_{111}^{(20)} + m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(22)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{102}^{(21)} + m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(11)}m_{201}^{(22)} - m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(11)}m_{102}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{120}^{(22)} + m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{102}^{(11)} - m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{210}^{(22)}\\
&+m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{102}^{(10)} + m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(22)}m_{210}^{(21)} - m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(22)}m_{201}^{(11)}\\
&+m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(22)}m_{120}^{(20)} - m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(22)}m_{111}^{(10)} + m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{111}^{(21)}\\
&+m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(11)}m_{111}^{(20)} - m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(20)}m_{111}^{(11)} - m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{210}^{(21)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{120}^{(20)} - m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{111}^{(10)} + m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(22)}m_{210}^{(11)}\\
&+m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(22)}m_{120}^{(10)} - m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(10)}m_{012}^{(22)} - m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(10)}m_{003}^{(21)}\\
&-m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(11)}m_{003}^{(20)} + m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(20)}m_{012}^{(21)} + m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(20)}m_{003}^{(11)}\\
&+m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{111}^{(22)} + m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{102}^{(21)} + m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{003}^{(10)} - m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(22)}m_{111}^{(21)} - m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(22)}m_{102}^{(11)}\\
&-m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(22)}m_{012}^{(10)} - m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(00)}m_{012}^{(22)} - m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(00)}m_{003}^{(21)}\\
&+m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(22)} - m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(10)}m_{003}^{(20)} + m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(22)}\\
&+2m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(20)} + m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{003}^{(10)} - m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{201}^{(22)}\\
&+m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{003}^{(00)} + m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{201}^{(21)} - m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{102}^{(10)} - m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{012}^{(00)} + m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(00)}m_{021}^{(22)}\\
&+m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(00)}m_{012}^{(21)} + m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(22)} + 2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{102}^{(21)}\\
&+m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(20)} + 2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{102}^{(20)} - m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{120}^{(22)}\\
&-2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(21)} - 2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{102}^{(11)} - 2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{012}^{(10)} - m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{210}^{(22)} - 2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{201}^{(21)}\\
&-2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(20)} - 2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{102}^{(10)} - m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{012}^{(00)}\\
&+m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{210}^{(21)} + 2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{201}^{(11)} + m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{120}^{(20)}\\
&+3m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{111}^{(10)} + m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{021}^{(00)} + m_{010}^{(10)}m_{001}^{(10)}m_{020}^{(00)}m_{102}^{(22)}\\
&-m_{010}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{201}^{(22)} - m_{010}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(20)} + m_{010}^{(10)}m_{001}^{(10)}m_{020}^{(22)}m_{201}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{111}^{(22)} + m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{102}^{(21)} - m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(22)}\\
&+m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(20)} + m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(22)} - m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{102}^{(10)}\\
&+m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{102}^{(22)} - m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{102}^{(00)} - m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{201}^{(21)}\\
&-m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{210}^{(20)} + m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{201}^{(10)} + m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{111}^{(00)}\\
&-m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(00)}m_{111}^{(21)} - m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{201}^{(21)} - m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(11)}m_{201}^{(20)} + m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{210}^{(21)} + m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{201}^{(11)}\\
&+m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(20)} + m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{111}^{(10)} + m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{300}^{(21)}\\
&+m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{210}^{(20)} + m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{201}^{(10)} + m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{111}^{(00)}\\
&-m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(22)}m_{300}^{(11)} - 2m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(22)}m_{210}^{(10)} - m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(22)}m_{120}^{(00)}\\
&+m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(00)}m_{003}^{(21)} + m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(10)}m_{003}^{(20)} - m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{102}^{(21)}\\
&-m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(20)} - m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{003}^{(10)} - m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{003}^{(00)}\\
&+m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{102}^{(10)} + m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{012}^{(00)} - 2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{102}^{(21)}
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&-2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(20)} + 2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{201}^{(21)} + 2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(20)}\\
&+2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{102}^{(10)} + 2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{102}^{(00)} - 2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{201}^{(10)}\\
&-2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{111}^{(00)} + m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(00)}m_{201}^{(21)} + m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{201}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{300}^{(21)} - m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(20)} - m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{201}^{(10)}\\
&-m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(21)}m_{201}^{(00)} + m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(22)}m_{300}^{(10)} + m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(22)}m_{210}^{(00)}\\
&+m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(22)} + m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(10)}m_{012}^{(21)} - m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{111}^{(22)}\\
&-m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(20)}m_{021}^{(21)} - m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(20)}m_{012}^{(11)} + m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(22)}m_{111}^{(11)}\\
&+m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(00)}m_{021}^{(22)} + m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(00)}m_{003}^{(11)} - 2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(22)}\\
&-m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{102}^{(21)} - m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(20)} + m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{201}^{(22)}\\
&-m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{003}^{(00)} + m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(21)} - m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{012}^{(10)}\\
&+m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(20)} + m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{102}^{(10)} + 2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{012}^{(00)}\\
&-m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{201}^{(11)} - m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{021}^{(00)} - m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(00)}m_{030}^{(22)}\\
&-m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(00)}m_{012}^{(11)} - m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(21)} + m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{210}^{(22)} + m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{012}^{(00)} + m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(21)}\\
&+2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{111}^{(11)} + m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{021}^{(10)} - m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{111}^{(10)} - 2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{021}^{(00)} - m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(22)}m_{210}^{(11)}\\
&+m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(22)}m_{030}^{(00)} - m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(22)} + m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(22)}\\
&+m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(20)} - m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(20)} - m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{102}^{(00)}\\
&+m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(22)}m_{111}^{(00)} + m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(22)} - m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{102}^{(11)}\\
&+m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(21)} - m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(20)} - m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{300}^{(22)}\\
&+m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{102}^{(00)} - m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(21)} + m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{111}^{(10)}\\
&+m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(20)} - m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{201}^{(10)} + m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(22)}m_{300}^{(11)}\\
&-m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(22)}m_{120}^{(00)} + m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(00)}m_{111}^{(11)} - m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(11)}m_{111}^{(00)}\\
&-m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(20)}m_{210}^{(11)} - m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(20)}m_{120}^{(10)} + m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(21)}m_{210}^{(10)}\\
&+m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(21)}m_{120}^{(00)} - m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(00)}m_{012}^{(21)} - m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(00)}m_{003}^{(11)}\\
&+m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{003}^{(00)} + m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(21)} + m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{102}^{(11)}\\
&+m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(20)} + m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{012}^{(10)} - m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{102}^{(10)} - m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(22)}m_{021}^{(00)} + m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{102}^{(21)}\\
&+m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{012}^{(20)} - m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(21)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{012}^{(00)} + m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(20)} - m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{102}^{(00)}\\
&+2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{111}^{(00)} + m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(21)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{102}^{(11)}\\
&-m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{021}^{(20)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{102}^{(00)} - m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(21)}\\
&-2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{201}^{(11)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{111}^{(10)} + m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{021}^{(00)}\\
&+m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(20)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{201}^{(10)} + m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{111}^{(00)}\\
&-m_{010}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{102}^{(20)} + m_{010}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(20)} + m_{010}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{102}^{(00)}\\
&-m_{010}^{(10)}m_{001}^{(21)}m_{020}^{(22)}m_{201}^{(00)} - m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{201}^{(21)} + m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(21)} - m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{111}^{(00)} - m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{201}^{(00)} - m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(00)}m_{201}^{(11)} + m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(11)}m_{201}^{(00)}
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&+m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(20)}m_{300}^{(11)}+m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(20)}m_{210}^{(10)}-m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(21)}m_{300}^{(10)}\\
&-m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(21)}m_{210}^{(00)}+m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(00)}m_{012}^{(11)}-m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(20)}-m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{012}^{(00)}-m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(20)}m_{111}^{(11)}\\
&+m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{021}^{(00)}-m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{102}^{(11)}-m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{021}^{(20)}\\
&+2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(20)}-m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{201}^{(20)}+m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{102}^{(00)}\\
&+m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{201}^{(11)}+m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{021}^{(00)}-2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{111}^{(00)}\\
&-m_{010}^{(10)}m_{001}^{(22)}m_{101}^{(00)}m_{111}^{(11)}+m_{010}^{(10)}m_{001}^{(22)}m_{101}^{(00)}m_{030}^{(20)}-m_{010}^{(10)}m_{001}^{(22)}m_{101}^{(11)}m_{210}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(22)}m_{101}^{(11)}m_{111}^{(00)}+m_{010}^{(10)}m_{001}^{(22)}m_{101}^{(20)}m_{210}^{(11)}-m_{010}^{(10)}m_{001}^{(22)}m_{101}^{(20)}m_{030}^{(00)}\\
&+m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(20)}-m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(20)}-m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{111}^{(00)}\\
&+m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(21)}m_{201}^{(00)}+m_{010}^{(10)}m_{001}^{(22)}m_{011}^{(00)}m_{201}^{(11)}-m_{010}^{(10)}m_{001}^{(22)}m_{011}^{(00)}m_{120}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(22)}m_{011}^{(11)}m_{300}^{(20)}-m_{010}^{(10)}m_{001}^{(22)}m_{011}^{(11)}m_{201}^{(00)}-m_{010}^{(10)}m_{001}^{(22)}m_{011}^{(20)}m_{300}^{(11)}\\
&+m_{010}^{(10)}m_{001}^{(22)}m_{011}^{(20)}m_{120}^{(00)}+m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(00)}m_{012}^{(22)}-m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(10)}m_{102}^{(22)}\\
&-m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(10)}m_{003}^{(20)}+m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(21)}m_{102}^{(20)}+m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(21)}m_{003}^{(00)}\\
&-m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(22)}m_{012}^{(00)}-2m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(00)}m_{111}^{(22)}+2m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(10)}m_{201}^{(22)}\\
&+2m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(10)}m_{102}^{(20)}-2m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(21)}m_{201}^{(20)}-2m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(21)}m_{102}^{(00)}\\
&+2m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(22)}m_{111}^{(00)}+m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(00)}m_{210}^{(22)}-m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(10)}m_{300}^{(22)}\\
&-m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(10)}m_{201}^{(20)}+m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(21)}m_{300}^{(20)}+m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(21)}m_{201}^{(00)}\\
&-m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(22)}m_{210}^{(00)}+m_{010}^{(11)}m_{010}^{(21)}m_{200}^{(00)}m_{003}^{(20)}-m_{010}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{102}^{(20)}\\
&-m_{010}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{003}^{(00)}+m_{010}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{102}^{(00)}-2m_{010}^{(11)}m_{010}^{(21)}m_{101}^{(00)}m_{102}^{(20)}\\
&+2m_{010}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{201}^{(20)}+2m_{010}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{102}^{(00)}-2m_{010}^{(11)}m_{010}^{(21)}m_{101}^{(22)}m_{201}^{(00)}\\
&+m_{010}^{(11)}m_{010}^{(21)}m_{002}^{(00)}m_{201}^{(20)}-m_{010}^{(11)}m_{010}^{(21)}m_{002}^{(20)}m_{300}^{(20)}-m_{010}^{(11)}m_{010}^{(21)}m_{002}^{(20)}m_{201}^{(00)}\\
&+m_{010}^{(11)}m_{010}^{(21)}m_{002}^{(22)}m_{300}^{(00)}-m_{010}^{(11)}m_{010}^{(22)}m_{200}^{(00)}m_{012}^{(20)}+m_{010}^{(11)}m_{010}^{(22)}m_{200}^{(10)}m_{102}^{(20)}\\
&+m_{010}^{(11)}m_{010}^{(22)}m_{200}^{(20)}m_{012}^{(00)}-m_{010}^{(11)}m_{010}^{(22)}m_{200}^{(21)}m_{102}^{(00)}+2m_{010}^{(11)}m_{010}^{(22)}m_{101}^{(00)}m_{111}^{(20)}\\
&-2m_{010}^{(11)}m_{010}^{(22)}m_{101}^{(10)}m_{201}^{(20)}-2m_{010}^{(11)}m_{010}^{(22)}m_{101}^{(20)}m_{111}^{(00)}+2m_{010}^{(11)}m_{010}^{(22)}m_{101}^{(21)}m_{201}^{(00)}\\
&-m_{010}^{(11)}m_{010}^{(22)}m_{002}^{(00)}m_{210}^{(20)}+m_{010}^{(11)}m_{010}^{(22)}m_{002}^{(10)}m_{300}^{(20)}+m_{010}^{(11)}m_{010}^{(22)}m_{002}^{(20)}m_{210}^{(00)}\\
&-m_{010}^{(11)}m_{010}^{(22)}m_{002}^{(21)}m_{300}^{(00)}-m_{010}^{(11)}m_{001}^{(00)}m_{200}^{(10)}m_{012}^{(22)}+m_{010}^{(11)}m_{001}^{(00)}m_{200}^{(20)}m_{021}^{(22)}\\
&+m_{010}^{(11)}m_{001}^{(00)}m_{200}^{(21)}m_{012}^{(20)}-m_{010}^{(11)}m_{001}^{(00)}m_{200}^{(22)}m_{021}^{(20)}+m_{010}^{(11)}m_{001}^{(00)}m_{110}^{(10)}m_{102}^{(22)}\\
&-m_{010}^{(11)}m_{001}^{(00)}m_{110}^{(10)}m_{003}^{(20)}-m_{010}^{(11)}m_{001}^{(00)}m_{110}^{(20)}m_{111}^{(22)}+m_{010}^{(11)}m_{001}^{(00)}m_{110}^{(20)}m_{003}^{(10)}\\
&+m_{010}^{(11)}m_{001}^{(00)}m_{110}^{(22)}m_{111}^{(20)}-m_{010}^{(11)}m_{001}^{(00)}m_{110}^{(22)}m_{102}^{(10)}+m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(10)}m_{111}^{(22)}\\
&+m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(10)}m_{012}^{(20)}-m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{120}^{(22)}-m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{012}^{(10)}\\
&-2m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(21)}m_{111}^{(20)}+m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(22)}m_{120}^{(20)}+m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(22)}m_{111}^{(10)}\\
&-m_{010}^{(11)}m_{001}^{(00)}m_{011}^{(10)}m_{201}^{(22)}+m_{010}^{(11)}m_{001}^{(00)}m_{011}^{(10)}m_{102}^{(20)}+m_{010}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{210}^{(22)}\\
&-m_{010}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{102}^{(10)}-m_{010}^{(11)}m_{001}^{(00)}m_{011}^{(22)}m_{210}^{(20)}+m_{010}^{(11)}m_{001}^{(00)}m_{011}^{(22)}m_{201}^{(10)}\\
&-m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(10)}m_{111}^{(20)}+m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(20)}m_{111}^{(10)}+m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(21)}m_{210}^{(20)}\\
&-m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(22)}m_{210}^{(10)}+m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(00)}m_{012}^{(22)}+m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(10)}m_{003}^{(20)}\\
&-m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{111}^{(22)}-m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{012}^{(20)}-m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{003}^{(10)}\\
&-m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(21)}m_{102}^{(20)}+m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{111}^{(20)}+m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{102}^{(10)}\\
&-m_{010}^{(11)}m_{001}^{(10)}m_{110}^{(00)}m_{102}^{(22)}+m_{010}^{(11)}m_{001}^{(10)}m_{110}^{(00)}m_{003}^{(20)}+m_{010}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{201}^{(22)}
\end{aligned}
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\begin{aligned}
&-m_{010}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{003}^{(00)} - m_{010}^{(11)}m_{001}^{(10)}m_{110}^{(22)}m_{201}^{(20)} + m_{010}^{(11)}m_{001}^{(10)}m_{110}^{(22)}m_{102}^{(00)}\\
&-m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(00)}m_{111}^{(22)} - m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(00)}m_{012}^{(20)} - 2m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{102}^{(20)}\\
&+m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{210}^{(22)} + 2m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(20)} + 2m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{102}^{(10)}\\
&+m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{012}^{(00)} + 2m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{201}^{(20)} - m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{210}^{(20)}\\
&-2m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{201}^{(10)} - m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{111}^{(00)} + m_{010}^{(11)}m_{001}^{(10)}m_{011}^{(00)}m_{201}^{(22)}\\
&-m_{010}^{(11)}m_{001}^{(10)}m_{011}^{(00)}m_{102}^{(20)} - m_{010}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{300}^{(22)} + m_{010}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{102}^{(00)}\\
&+m_{010}^{(11)}m_{001}^{(10)}m_{011}^{(22)}m_{300}^{(20)} - m_{010}^{(11)}m_{001}^{(10)}m_{011}^{(22)}m_{201}^{(00)} + m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(00)}m_{111}^{(20)}\\
&+m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{201}^{(20)} - m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{210}^{(20)} - m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{201}^{(10)}\\
&-m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{111}^{(00)} - m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(21)}m_{300}^{(20)} + m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(22)}m_{300}^{(10)}\\
&+m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(22)}m_{210}^{(00)} - m_{010}^{(11)}m_{001}^{(11)}m_{200}^{(00)}m_{003}^{(20)} + m_{010}^{(11)}m_{001}^{(11)}m_{200}^{(20)}m_{102}^{(20)}\\
&+m_{010}^{(11)}m_{001}^{(11)}m_{200}^{(20)}m_{003}^{(00)} - m_{010}^{(11)}m_{001}^{(11)}m_{200}^{(22)}m_{102}^{(00)} + 2m_{010}^{(11)}m_{001}^{(11)}m_{101}^{(00)}m_{102}^{(20)}\\
&-2m_{010}^{(11)}m_{001}^{(11)}m_{101}^{(20)}m_{201}^{(20)} - 2m_{010}^{(11)}m_{001}^{(11)}m_{101}^{(20)}m_{102}^{(00)} + 2m_{010}^{(11)}m_{001}^{(11)}m_{101}^{(22)}m_{201}^{(00)}\\
&-m_{010}^{(11)}m_{001}^{(11)}m_{002}^{(00)}m_{201}^{(20)} + m_{010}^{(11)}m_{001}^{(11)}m_{002}^{(20)}m_{300}^{(20)} + m_{010}^{(11)}m_{001}^{(11)}m_{002}^{(20)}m_{201}^{(00)}\\
&-m_{010}^{(11)}m_{001}^{(11)}m_{002}^{(22)}m_{300}^{(00)} - m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(00)}m_{021}^{(22)} + m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{111}^{(22)}\\
&+m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{012}^{(10)} - m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{012}^{(00)} - m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(22)}m_{111}^{(10)}\\
&+m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(22)}m_{021}^{(00)} + m_{010}^{(11)}m_{001}^{(20)}m_{110}^{(00)}m_{111}^{(22)} - m_{010}^{(11)}m_{001}^{(20)}m_{110}^{(00)}m_{003}^{(10)}\\
&-m_{010}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{201}^{(22)} + m_{010}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{003}^{(00)} + m_{010}^{(11)}m_{001}^{(20)}m_{110}^{(22)}m_{201}^{(10)}\\
&-m_{010}^{(11)}m_{001}^{(20)}m_{110}^{(22)}m_{111}^{(00)} + m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{120}^{(22)} + m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{012}^{(10)}\\
&-m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{210}^{(22)} - m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{012}^{(00)} - 2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{111}^{(10)}\\
&+2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{111}^{(00)} + m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(22)}m_{210}^{(10)} - m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(22)}m_{120}^{(00)}\\
&-m_{010}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{210}^{(22)} + m_{010}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{102}^{(10)} + m_{010}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{300}^{(22)}\\
&-m_{010}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{102}^{(00)} - m_{010}^{(11)}m_{001}^{(20)}m_{011}^{(22)}m_{300}^{(10)} + m_{010}^{(11)}m_{001}^{(20)}m_{011}^{(22)}m_{210}^{(00)}\\
&-m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(00)}m_{111}^{(10)} + m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(10)}m_{111}^{(00)} + m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(20)}m_{210}^{(10)}\\
&-m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(21)}m_{210}^{(00)} + m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{003}^{(10)} - m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{003}^{(00)}\\
&-m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{102}^{(10)} + m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{102}^{(00)} - 2m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{102}^{(10)}\\
&+2m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{102}^{(00)} + 2m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{201}^{(10)} - 2m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{201}^{(00)}\\
&+m_{010}^{(11)}m_{001}^{(21)}m_{002}^{(00)}m_{201}^{(10)} - m_{010}^{(11)}m_{001}^{(21)}m_{002}^{(10)}m_{201}^{(00)} - m_{010}^{(11)}m_{001}^{(21)}m_{002}^{(20)}m_{300}^{(10)}\\
&+m_{010}^{(11)}m_{001}^{(21)}m_{002}^{(21)}m_{300}^{(00)} + m_{010}^{(11)}m_{001}^{(22)}m_{200}^{(00)}m_{021}^{(20)} - m_{010}^{(11)}m_{001}^{(22)}m_{200}^{(00)}m_{012}^{(10)}\\
&-m_{010}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{111}^{(20)} + m_{010}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{012}^{(00)} + m_{010}^{(11)}m_{001}^{(22)}m_{200}^{(20)}m_{111}^{(10)}\\
&-m_{010}^{(11)}m_{001}^{(22)}m_{200}^{(20)}m_{021}^{(00)} - m_{010}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{111}^{(20)} + m_{010}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{102}^{(10)}\\
&+m_{010}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{201}^{(20)} - m_{010}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{102}^{(00)} - m_{010}^{(11)}m_{001}^{(22)}m_{110}^{(20)}m_{201}^{(10)}\\
&+m_{010}^{(11)}m_{001}^{(22)}m_{110}^{(20)}m_{111}^{(00)} - m_{010}^{(11)}m_{001}^{(22)}m_{101}^{(00)}m_{120}^{(20)} + m_{010}^{(11)}m_{001}^{(22)}m_{101}^{(00)}m_{111}^{(10)}\\
&+m_{010}^{(11)}m_{001}^{(22)}m_{101}^{(10)}m_{201}^{(20)} - m_{010}^{(11)}m_{001}^{(22)}m_{101}^{(10)}m_{111}^{(00)} - m_{010}^{(11)}m_{001}^{(22)}m_{101}^{(20)}m_{210}^{(10)}\\
&+m_{010}^{(11)}m_{001}^{(22)}m_{101}^{(20)}m_{120}^{(00)} + m_{010}^{(11)}m_{001}^{(22)}m_{011}^{(00)}m_{210}^{(20)} - m_{010}^{(11)}m_{001}^{(22)}m_{011}^{(00)}m_{201}^{(10)}\\
&-m_{010}^{(11)}m_{001}^{(22)}m_{011}^{(10)}m_{300}^{(20)} + m_{010}^{(11)}m_{001}^{(22)}m_{011}^{(10)}m_{201}^{(00)} + m_{010}^{(11)}m_{001}^{(22)}m_{011}^{(20)}m_{300}^{(10)}\\
&-m_{010}^{(11)}m_{001}^{(22)}m_{011}^{(20)}m_{210}^{(00)} + (m_{010}^{(20)})^2m_{200}^{(10)}m_{021}^{(22)} - (m_{010}^{(20)})^2m_{200}^{(11)}m_{111}^{(22)}\\
&-(m_{010}^{(20)})^2m_{200}^{(11)}m_{012}^{(20)} - (m_{010}^{(20)})^2m_{200}^{(20)}m_{021}^{(21)} + (m_{010}^{(20)})^2m_{200}^{(21)}m_{111}^{(21)}\\
&+(m_{010}^{(20)})^2m_{200}^{(21)}m_{021}^{(20)} + (m_{010}^{(20)})^2m_{200}^{(21)}m_{012}^{(10)} - (m_{010}^{(20)})^2m_{200}^{(22)}m_{021}^{(10)}
\end{aligned}
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\begin{aligned}
&+(m_{010}^{(20)})^2 m_{110}^{(00)} m_{012}^{(21)} - (m_{010}^{(20)})^2 m_{110}^{(10)} m_{111}^{(22)} - (m_{010}^{(20)})^2 m_{110}^{(10)} m_{102}^{(21)} \\
&-(m_{010}^{(20)})^2 m_{110}^{(10)} m_{012}^{(20)} - (m_{010}^{(20)})^2 m_{110}^{(10)} m_{003}^{(10)} + (m_{010}^{(20)})^2 m_{110}^{(11)} m_{201}^{(22)} \\
&+2(m_{010}^{(20)})^2 m_{110}^{(11)} m_{102}^{(20)} + (m_{010}^{(20)})^2 m_{110}^{(11)} m_{003}^{(00)} + (m_{010}^{(20)})^2 m_{110}^{(20)} m_{111}^{(21)} \\
&+(m_{010}^{(20)})^2 m_{110}^{(20)} m_{012}^{(10)} - (m_{010}^{(20)})^2 m_{110}^{(21)} m_{201}^{(21)} - (m_{010}^{(20)})^2 m_{110}^{(21)} m_{111}^{(20)} \\
&-(m_{010}^{(20)})^2 m_{110}^{(21)} m_{102}^{(10)} - (m_{010}^{(20)})^2 m_{110}^{(21)} m_{012}^{(00)} + (m_{010}^{(20)})^2 m_{110}^{(22)} m_{111}^{(10)} \\
&-(m_{010}^{(20)})^2 m_{101}^{(00)} m_{021}^{(21)} - (m_{010}^{(20)})^2 m_{101}^{(10)} m_{120}^{(22)} + (m_{010}^{(20)})^2 m_{101}^{(10)} m_{111}^{(21)} \\
&+(m_{010}^{(20)})^2 m_{101}^{(10)} m_{021}^{(20)} + (m_{010}^{(20)})^2 m_{101}^{(10)} m_{012}^{(10)} + (m_{010}^{(20)})^2 m_{101}^{(11)} m_{210}^{(22)} \\
&-(m_{010}^{(20)})^2 m_{101}^{(11)} m_{012}^{(00)} + (m_{010}^{(20)})^2 m_{101}^{(20)} m_{120}^{(21)} - (m_{010}^{(20)})^2 m_{101}^{(20)} m_{021}^{(10)} \\
&-(m_{010}^{(20)})^2 m_{101}^{(21)} m_{210}^{(21)} - (m_{010}^{(20)})^2 m_{101}^{(21)} m_{120}^{(20)} - (m_{010}^{(20)})^2 m_{101}^{(21)} m_{111}^{(10)} \\
&+(m_{010}^{(20)})^2 m_{101}^{(21)} m_{021}^{(00)} + (m_{010}^{(20)})^2 m_{101}^{(22)} m_{120}^{(10)} - (m_{010}^{(20)})^2 m_{011}^{(00)} m_{111}^{(21)} \\
&+(m_{010}^{(20)})^2 m_{011}^{(10)} m_{210}^{(22)} + (m_{010}^{(20)})^2 m_{011}^{(10)} m_{201}^{(21)} + (m_{010}^{(20)})^2 m_{011}^{(10)} m_{111}^{(20)} \\
&+(m_{010}^{(20)})^2 m_{011}^{(10)} m_{102}^{(10)} - (m_{010}^{(20)})^2 m_{011}^{(11)} m_{300}^{(22)} - 2(m_{010}^{(20)})^2 m_{011}^{(11)} m_{201}^{(20)} \\
&-(m_{010}^{(20)})^2 m_{011}^{(11)} m_{102}^{(00)} - (m_{010}^{(20)})^2 m_{011}^{(20)} m_{210}^{(21)} - (m_{010}^{(20)})^2 m_{011}^{(20)} m_{111}^{(10)} \\
&+(m_{010}^{(20)})^2 m_{011}^{(21)} m_{300}^{(21)} + (m_{010}^{(20)})^2 m_{011}^{(21)} m_{210}^{(20)} + (m_{010}^{(20)})^2 m_{011}^{(21)} m_{201}^{(10)} \\
&+(m_{010}^{(20)})^2 m_{011}^{(21)} m_{111}^{(00)} - (m_{010}^{(20)})^2 m_{011}^{(22)} m_{210}^{(10)} + (m_{010}^{(20)})^2 m_{002}^{(00)} m_{120}^{(21)} \\
&-(m_{010}^{(20)})^2 m_{002}^{(10)} m_{210}^{(21)} - (m_{010}^{(20)})^2 m_{002}^{(10)} m_{120}^{(20)} - (m_{010}^{(20)})^2 m_{002}^{(10)} m_{111}^{(10)} \\
&+(m_{010}^{(20)})^2 m_{002}^{(11)} m_{210}^{(20)} + (m_{010}^{(20)})^2 m_{002}^{(11)} m_{111}^{(00)} + (m_{010}^{(20)})^2 m_{002}^{(20)} m_{120}^{(10)} \\
&-(m_{010}^{(20)})^2 m_{002}^{(21)} m_{120}^{(00)} - m_{010}^{(20)} m_{010}^{(21)} m_{200}^{(00)} m_{021}^{(22)} - m_{010}^{(20)} m_{010}^{(21)} m_{200}^{(00)} m_{012}^{(21)} \\
&+m_{010}^{(20)} m_{010}^{(21)} m_{200}^{(10)} m_{111}^{(22)} + m_{010}^{(20)} m_{010}^{(21)} m_{200}^{(10)} m_{102}^{(21)} + 3m_{010}^{(20)} m_{010}^{(21)} m_{200}^{(10)} m_{012}^{(20)} \\
&+m_{010}^{(20)} m_{010}^{(21)} m_{200}^{(10)} m_{003}^{(10)} - m_{010}^{(20)} m_{010}^{(21)} m_{200}^{(11)} m_{102}^{(20)} - m_{010}^{(20)} m_{010}^{(21)} m_{200}^{(11)} m_{003}^{(00)} \\
&-2m_{010}^{(20)} m_{010}^{(21)} m_{200}^{(20)} m_{012}^{(10)} - 2m_{010}^{(20)} m_{010}^{(21)} m_{200}^{(21)} m_{111}^{(20)} + m_{010}^{(20)} m_{010}^{(21)} m_{200}^{(22)} m_{111}^{(10)} \\
&+m_{010}^{(20)} m_{010}^{(21)} m_{200}^{(22)} m_{021}^{(00)} + m_{010}^{(20)} m_{010}^{(21)} m_{110}^{(00)} m_{111}^{(22)} + m_{010}^{(20)} m_{010}^{(21)} m_{110}^{(00)} m_{003}^{(10)} \\
&-m_{010}^{(20)} m_{010}^{(21)} m_{110}^{(10)} m_{201}^{(22)} - 2m_{010}^{(20)} m_{010}^{(21)} m_{110}^{(10)} m_{102}^{(20)} - m_{010}^{(20)} m_{010}^{(21)} m_{110}^{(10)} m_{003}^{(00)} \\
&+2m_{010}^{(20)} m_{010}^{(21)} m_{110}^{(21)} m_{201}^{(20)} + 2m_{010}^{(20)} m_{010}^{(21)} m_{110}^{(21)} m_{102}^{(00)} - m_{010}^{(20)} m_{010}^{(21)} m_{110}^{(22)} m_{201}^{(10)} \\
&-m_{010}^{(20)} m_{010}^{(21)} m_{110}^{(22)} m_{111}^{(00)} + m_{010}^{(20)} m_{010}^{(21)} m_{101}^{(00)} m_{120}^{(22)} + 2m_{010}^{(20)} m_{010}^{(21)} m_{101}^{(00)} m_{111}^{(21)} \\
&-m_{010}^{(20)} m_{010}^{(21)} m_{101}^{(00)} m_{012}^{(10)} - m_{010}^{(20)} m_{010}^{(21)} m_{101}^{(10)} m_{210}^{(22)} - 2m_{010}^{(20)} m_{010}^{(21)} m_{101}^{(10)} m_{201}^{(21)} \\
&-4m_{010}^{(20)} m_{010}^{(21)} m_{101}^{(10)} m_{111}^{(20)} - 2m_{010}^{(20)} m_{010}^{(21)} m_{101}^{(10)} m_{102}^{(10)} + m_{010}^{(20)} m_{010}^{(21)} m_{101}^{(10)} m_{012}^{(00)} \\
&+2m_{010}^{(20)} m_{010}^{(21)} m_{101}^{(11)} m_{201}^{(20)} + 2m_{010}^{(20)} m_{010}^{(21)} m_{101}^{(11)} m_{102}^{(00)} + 4m_{010}^{(20)} m_{010}^{(21)} m_{101}^{(20)} m_{111}^{(10)} \\
&+2m_{010}^{(20)} m_{010}^{(21)} m_{101}^{(21)} m_{210}^{(20)} - 2m_{010}^{(20)} m_{010}^{(21)} m_{101}^{(21)} m_{111}^{(00)} - m_{010}^{(20)} m_{010}^{(21)} m_{101}^{(22)} m_{210}^{(10)} \\
&-m_{010}^{(20)} m_{010}^{(21)} m_{101}^{(22)} m_{120}^{(00)} - m_{010}^{(20)} m_{010}^{(21)} m_{011}^{(00)} m_{210}^{(22)} - m_{010}^{(20)} m_{010}^{(21)} m_{011}^{(00)} m_{102}^{(10)} \\
&+m_{010}^{(20)} m_{010}^{(21)} m_{011}^{(10)} m_{300}^{(22)} + 2m_{010}^{(20)} m_{010}^{(21)} m_{011}^{(10)} m_{201}^{(20)} + m_{010}^{(20)} m_{010}^{(21)} m_{011}^{(10)} m_{102}^{(00)} \\
&-2m_{010}^{(20)} m_{010}^{(21)} m_{011}^{(21)} m_{300}^{(20)} - 2m_{010}^{(20)} m_{010}^{(21)} m_{011}^{(21)} m_{201}^{(00)} + m_{010}^{(20)} m_{010}^{(21)} m_{011}^{(22)} m_{300}^{(10)} \\
&+m_{010}^{(20)} m_{010}^{(21)} m_{011}^{(22)} m_{210}^{(00)} - m_{010}^{(20)} m_{010}^{(21)} m_{002}^{(00)} m_{210}^{(21)} + m_{010}^{(20)} m_{010}^{(21)} m_{002}^{(00)} m_{111}^{(10)} \\
&+m_{010}^{(20)} m_{010}^{(21)} m_{002}^{(10)} m_{300}^{(21)} + m_{010}^{(20)} m_{010}^{(21)} m_{002}^{(10)} m_{210}^{(20)} + m_{010}^{(20)} m_{010}^{(21)} m_{002}^{(10)} m_{201}^{(10)} \\
&-m_{010}^{(20)} m_{010}^{(21)} m_{002}^{(10)} m_{111}^{(00)} - m_{010}^{(20)} m_{010}^{(21)} m_{002}^{(11)} m_{300}^{(20)} - m_{010}^{(20)} m_{010}^{(21)} m_{002}^{(11)} m_{201}^{(00)} \\
&-2m_{010}^{(20)} m_{010}^{(21)} m_{002}^{(20)} m_{210}^{(10)} + 2m_{010}^{(20)} m_{010}^{(21)} m_{002}^{(21)} m_{210}^{(00)} + m_{010}^{(20)} m_{010}^{(22)} m_{200}^{(00)} m_{021}^{(21)} \\
&-m_{010}^{(20)} m_{010}^{(22)} m_{200}^{(10)} m_{111}^{(21)} - 2m_{010}^{(20)} m_{010}^{(22)} m_{200}^{(10)} m_{021}^{(20)} - m_{010}^{(20)} m_{010}^{(22)} m_{200}^{(10)} m_{012}^{(10)} \\
&+2m_{010}^{(20)} m_{010}^{(22)} m_{200}^{(11)} m_{111}^{(20)} + m_{010}^{(20)} m_{010}^{(22)} m_{200}^{(11)} m_{012}^{(00)} + 2m_{010}^{(20)} m_{010}^{(22)} m_{200}^{(20)} m_{021}^{(10)}
\end{aligned}
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\begin{aligned}
&-m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(10)} - m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{021}^{(00)} - m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(00)}m_{111}^{(21)}\\
&-m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(00)}m_{012}^{(10)} + m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{201}^{(21)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(20)}\\
&+2m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{102}^{(10)} + m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{012}^{(00)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(11)}m_{201}^{(20)}\\
&-2m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(11)}m_{102}^{(00)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(10)} + m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(10)}\\
&+m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(00)} - m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(00)}m_{120}^{(21)} + m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(00)}m_{021}^{(10)}\\
&+m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(10)}m_{210}^{(21)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(10)}m_{120}^{(20)} - m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(10)}m_{021}^{(00)}\\
&-2m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(11)}m_{210}^{(20)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(10)} + m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(10)}\\
&+m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(21)}m_{120}^{(00)} + m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(00)}m_{210}^{(21)} + m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(00)}m_{111}^{(10)}\\
&-m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{300}^{(21)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{210}^{(20)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{201}^{(10)}\\
&-m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{111}^{(00)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(11)}m_{300}^{(20)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(11)}m_{201}^{(00)}\\
&+2m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(10)} - m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(21)}m_{300}^{(10)} - m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(21)}m_{210}^{(00)}\\
&-m_{010}^{(20)}m_{010}^{(22)}m_{002}^{(00)}m_{120}^{(10)} + m_{010}^{(20)}m_{010}^{(22)}m_{002}^{(10)}m_{210}^{(10)} + m_{010}^{(20)}m_{010}^{(22)}m_{002}^{(10)}m_{120}^{(00)}\\
&-m_{010}^{(20)}m_{010}^{(22)}m_{002}^{(11)}m_{210}^{(00)} - m_{010}^{(20)}m_{001}^{(00)}m_{200}^{(11)}m_{021}^{(22)} + m_{010}^{(20)}m_{001}^{(00)}m_{200}^{(21)}m_{030}^{(22)}\\
&+m_{010}^{(20)}m_{001}^{(00)}m_{200}^{(21)}m_{021}^{(21)} - m_{010}^{(20)}m_{001}^{(00)}m_{200}^{(22)}m_{030}^{(21)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(10)}m_{012}^{(21)}\\
&+2m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(11)}m_{111}^{(22)} + m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(11)}m_{102}^{(21)} + m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(11)}m_{012}^{(20)}\\
&+m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(20)}m_{021}^{(21)} + m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(20)}m_{012}^{(11)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{120}^{(22)}\\
&-2m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{111}^{(21)} - m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{102}^{(11)} - m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{021}^{(20)}\\
&+2m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(22)}m_{120}^{(21)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(10)}m_{021}^{(21)} - m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(11)}m_{111}^{(21)}\\
&-m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(11)}m_{021}^{(20)} - m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(20)}m_{030}^{(21)} - m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(20)}m_{021}^{(11)}\\
&+m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(21)}m_{111}^{(11)} + m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(21)}m_{030}^{(20)} + m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(10)}m_{102}^{(21)}\\
&-m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(11)}m_{201}^{(22)} - m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(11)}m_{102}^{(20)} - m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(20)}m_{111}^{(21)}\\
&+m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{210}^{(22)} + m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{201}^{(21)} + m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{111}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(22)}m_{210}^{(21)} - m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{201}^{(21)} + m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{111}^{(20)}\\
&+m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(20)}m_{120}^{(21)} - m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(11)} + m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{201}^{(11)}\\
&-m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{120}^{(20)} - m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(10)}m_{120}^{(21)} + m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(11)}m_{210}^{(21)}\\
&+m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(20)}m_{120}^{(11)} - m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(21)}m_{210}^{(11)} + m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(10)}m_{021}^{(22)}\\
&+m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(10)}m_{012}^{(21)} - m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(11)}m_{102}^{(21)} - m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(20)}m_{021}^{(21)}\\
&-m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(20)}m_{012}^{(11)} - m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(21)}m_{120}^{(22)} + m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(21)}m_{102}^{(11)}\\
&+m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(22)}m_{120}^{(21)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(00)}m_{012}^{(21)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{111}^{(22)}\\
&-m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(21)} - m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(20)} + m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(21)}\\
&-m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(10)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{210}^{(22)} + m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(20)}\\
&+m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(10)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{210}^{(21)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(00)}m_{021}^{(21)}\\
&-m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(21)} + m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(20)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{201}^{(21)}\\
&+m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{120}^{(21)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(11)} + m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(10)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{201}^{(11)} - m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(20)} - m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(00)}m_{102}^{(21)} + m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{201}^{(22)} + m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{300}^{(22)} - m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{201}^{(20)} + m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(22)}m_{300}^{(21)}\\
&+m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(21)} - m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(20)} - m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(21)}
\end{aligned}
$$

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\begin{aligned}
&+m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(10)}+m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{210}^{(20)}-m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(00)}m_{120}^{(21)}-m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(11)}m_{300}^{(21)}-m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(20)}m_{210}^{(11)}\\
&-m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(10)}+m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(21)}m_{300}^{(11)}+m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(21)}m_{210}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(00)}m_{200}^{(21)}m_{012}+m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(10)}m_{200}^{(21)}m_{102}+m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(20)}m_{200}^{(10)}m_{012}\\
&-m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(21)}m_{200}^{(10)}m_{102}+2m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(00)}m_{101}^{(21)}m_{111}-2m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(10)}m_{101}^{(21)}m_{201}\\
&-2m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(20)}m_{101}^{(10)}m_{111}+2m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(21)}m_{101}^{(10)}m_{201}-m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(00)}m_{200}^{(21)}m_{210}\\
&+m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(10)}m_{200}^{(21)}m_{300}+m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(20)}m_{200}^{(10)}m_{210}-m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(21)}m_{200}^{(10)}m_{300}\\
&-m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(10)}m_{200}^{(22)}m_{030}-m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(10)}m_{200}^{(21)}m_{021}+m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(11)}m_{200}^{(22)}m_{120}\\
&+m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(11)}m_{200}^{(21)}m_{111}+m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(11)}m_{200}^{(20)}m_{021}+m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(20)}m_{200}^{(21)}m_{030}\\
&+m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(20)}m_{200}^{(11)}m_{021}-m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(21)}m_{200}^{(21)}m_{120}-m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(21)}m_{200}^{(11)}m_{111}\\
&-m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(21)}m_{200}^{(20)}m_{030}-m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(21)}m_{200}^{(10)}m_{021}+m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(22)}m_{200}^{(10)}m_{030}\\
&-m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(00)}m_{110}^{(21)}m_{021}-m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(00)}m_{110}^{(11)}m_{012}+2m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(10)}m_{110}^{(22)}m_{120}\\
&+2m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(10)}m_{110}^{(21)}m_{111}+m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(10)}m_{110}^{(11)}m_{102}+m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(10)}m_{110}^{(20)}m_{021}\\
&+2m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(10)}m_{110}^{(10)}m_{012}-2m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(11)}m_{110}^{(22)}m_{210}-m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(11)}m_{110}^{(21)}m_{201}\\
&-3m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(11)}m_{110}^{(20)}m_{111}-m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(11)}m_{110}^{(10)}m_{102}-m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(11)}m_{110}^{(00)}m_{012}\\
&-2m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(20)}m_{110}^{(21)}m_{120}-m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(20)}m_{110}^{(11)}m_{111}-m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(20)}m_{110}^{(10)}m_{021}\\
&+2m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(21)}m_{110}^{(21)}m_{210}+m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(21)}m_{110}^{(11)}m_{201}+2m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(21)}m_{110}^{(20)}m_{120}\\
&+2m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(21)}m_{110}^{(10)}m_{111}+m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(21)}m_{110}^{(00)}m_{021}-2m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(22)}m_{110}^{(10)}m_{120}\\
&+m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(00)}m_{101}^{(21)}m_{030}+m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(00)}m_{101}^{(11)}m_{021}-m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(10)}m_{101}^{(11)}m_{111}\\
&-m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(10)}m_{101}^{(20)}m_{030}-2m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(10)}m_{101}^{(10)}m_{021}-m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(11)}m_{101}^{(21)}m_{210}\\
&+m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(11)}m_{101}^{(20)}m_{120}+m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(11)}m_{101}^{(10)}m_{111}+m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(11)}m_{101}^{(00)}m_{021}\\
&-m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(20)}m_{101}^{(11)}m_{120}+m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(20)}m_{101}^{(10)}m_{030}+m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(21)}m_{101}^{(11)}m_{210}\\
&-m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(21)}m_{101}^{(00)}m_{030}+m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(00)}m_{020}^{(21)}m_{111}-m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(10)}m_{020}^{(22)}m_{210}\\
&-m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(10)}m_{020}^{(21)}m_{201}-m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(10)}m_{020}^{(20)}m_{111}-m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(10)}m_{020}^{(10)}m_{102}\\
&+m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(11)}m_{020}^{(22)}m_{300}+2m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(11)}m_{020}^{(20)}m_{201}+m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(11)}m_{020}^{(00)}m_{102}\\
&+m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(20)}m_{020}^{(21)}m_{210}+m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(20)}m_{020}^{(10)}m_{111}-m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(21)}m_{020}^{(21)}m_{300}\\
&-m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(21)}m_{020}^{(20)}m_{210}-m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(21)}m_{020}^{(10)}m_{201}-m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(21)}m_{020}^{(00)}m_{111}\\
&+m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(22)}m_{020}^{(10)}m_{210}-m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(00)}m_{011}^{(21)}m_{120}+m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(00)}m_{011}^{(11)}m_{111}\\
&-m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(10)}m_{011}^{(11)}m_{201}+m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(10)}m_{011}^{(20)}m_{120}+m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(11)}m_{011}^{(21)}m_{300}\\
&-m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(11)}m_{011}^{(20)}m_{210}+m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(11)}m_{011}^{(10)}m_{201}-m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(11)}m_{011}^{(00)}m_{111}\\
&+m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(20)}m_{011}^{(11)}m_{210}-m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(20)}m_{011}^{(10)}m_{120}-m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(21)}m_{011}^{(11)}m_{300}\\
&+m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(21)}m_{011}^{(00)}m_{120}-m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(00)}m_{002}^{(11)}m_{120}+m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(10)}m_{002}^{(11)}m_{210}\\
&+m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(10)}m_{002}^{(10)}m_{120}-m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(11)}m_{002}^{(10)}m_{210}+m_{010}^{(20)}m_{001}^{(21)}m_{002}^{(00)}m_{200}^{(21)}m_{021}\\
&+m_{010}^{(20)}m_{001}^{(21)}m_{002}^{(00)}m_{200}^{(11)}m_{012}-m_{010}^{(20)}m_{001}^{(21)}m_{002}^{(10)}m_{200}^{(21)}m_{111}-m_{010}^{(20)}m_{001}^{(21)}m_{002}^{(10)}m_{200}^{(11)}m_{102}\\
&-m_{010}^{(20)}m_{001}^{(21)}m_{002}^{(10)}m_{200}^{(20)}m_{021}-m_{010}^{(20)}m_{001}^{(21)}m_{002}^{(10)}m_{200}^{(10)}m_{012}+m_{010}^{(20)}m_{001}^{(21)}m_{002}^{(11)}m_{200}^{(10)}m_{102}\\
&+m_{010}^{(20)}m_{001}^{(21)}m_{002}^{(21)}m_{200}^{(20)}m_{120}+m_{010}^{(20)}m_{001}^{(21)}m_{002}^{(21)}m_{200}^{(10)}m_{111}-m_{010}^{(20)}m_{001}^{(21)}m_{002}^{(22)}m_{200}^{(10)}m_{120}\\
&-m_{010}^{(20)}m_{001}^{(21)}m_{002}^{(00)}m_{110}^{(21)}m_{111}-m_{010}^{(20)}m_{001}^{(21)}m_{002}^{(00)}m_{110}^{(10)}m_{012}+m_{010}^{(20)}m_{001}^{(21)}m_{002}^{(10)}m_{110}^{(21)}m_{201}\\
&+2m_{010}^{(20)}m_{001}^{(21)}m_{002}^{(10)}m_{110}^{(20)}m_{111}+m_{010}^{(20)}m_{001}^{(21)}m_{002}^{(10)}m_{110}^{(00)}m_{012}-2m_{010}^{(20)}m_{001}^{(21)}m_{002}^{(21)}m_{110}^{(20)}m_{210}
\end{aligned}
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\begin{aligned}
&-m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(10)} - m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(00)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(21)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(11)} + m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(00)}m_{021}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(21)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{201}^{(11)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(00)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(10)} - m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(00)} + m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{102}^{(10)} - m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{102}^{(00)} + m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{300}^{(20)} + m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{201}^{(00)}\\
&-m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(22)}m_{300}^{(10)} + m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(21)} - m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(21)} + m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(00)} + m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(00)} + m_{010}^{(20)}m_{001}^{(21)}m_{002}^{(00)}m_{210}^{(11)} - m_{010}^{(20)}m_{001}^{(21)}m_{002}^{(10)}m_{300}^{(11)}\\
&-m_{010}^{(20)}m_{001}^{(21)}m_{002}^{(10)}m_{210}^{(10)} + m_{010}^{(20)}m_{001}^{(21)}m_{002}^{(11)}m_{300}^{(10)} - m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(00)}m_{021}^{(11)}\\
&+m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{111}^{(11)} + m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(20)} + m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(20)} - m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(10)} - m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(10)} + m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{111}^{(11)} + m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{021}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{201}^{(11)} - 2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(20)} - 2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{021}^{(00)} + 2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(20)} + m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{201}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{111}^{(00)} + 2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(10)} - 2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(22)}m_{101}^{(00)}m_{120}^{(11)} - m_{010}^{(20)}m_{001}^{(22)}m_{101}^{(00)}m_{030}^{(10)} - m_{010}^{(20)}m_{001}^{(22)}m_{101}^{(10)}m_{210}^{(11)}\\
&+m_{010}^{(20)}m_{001}^{(22)}m_{101}^{(10)}m_{030}^{(00)} + m_{010}^{(20)}m_{001}^{(22)}m_{101}^{(11)}m_{210}^{(10)} - m_{010}^{(20)}m_{001}^{(22)}m_{101}^{(11)}m_{120}^{(00)}\\
&-m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(10)} + m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(20)} + m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{111}^{(00)} - m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(20)} - m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(11)}m_{201}^{(00)}\\
&-m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(10)} + m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(10)} - m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{011}^{(11)}m_{210}\\
&+m_{010}^{(20)}m_{001}^{(22)}m_{011}^{(00)}m_{120}^{(10)} + m_{010}^{(20)}m_{001}^{(22)}m_{011}^{(10)}m_{300}^{(11)} - m_{010}^{(20)}m_{001}^{(22)}m_{011}^{(10)}m_{120}^{(00)}\\
&-m_{010}^{(20)}m_{001}^{(22)}m_{011}^{(11)}m_{300}^{(10)} + m_{010}^{(20)}m_{001}^{(22)}m_{011}^{(11)}m_{210}^{(00)} - (m_{010}^{(21)})^2m_{200}^{(00)}m_{012}^{(20)}\\
&-(m_{010}^{(21)})^2m_{200}^{(00)}m_{003}^{(10)} + (m_{010}^{(21)})^2m_{200}^{(10)}m_{003}^{(00)} + (m_{010}^{(21)})^2m_{200}^{(20)}m_{111}^{(20)}\\
&+(m_{010}^{(21)})^2m_{200}^{(20)}m_{102}^{(10)} + (m_{010}^{(21)})^2m_{200}^{(20)}m_{012}^{(00)} - (m_{010}^{(21)})^2m_{200}^{(21)}m_{102}^{(00)}\\
&-(m_{010}^{(21)})^2m_{200}^{(22)}m_{111}^{(00)} + (m_{010}^{(21)})^2m_{110}^{(00)}m_{102}^{(20)} - (m_{010}^{(21)})^2m_{110}^{(20)}m_{201}^{(20)}\\
&-(m_{010}^{(21)})^2m_{110}^{(20)}m_{102}^{(00)} + (m_{010}^{(21)})^2m_{110}^{(22)}m_{201}^{(00)} + (m_{010}^{(21)})^2m_{101}^{(00)}m_{111}^{(20)}\\
&+2(m_{010}^{(21)})^2m_{101}^{(00)}m_{102}^{(10)} - 2(m_{010}^{(21)})^2m_{101}^{(10)}m_{102}^{(00)} - (m_{010}^{(21)})^2m_{101}^{(20)}m_{210}^{(20)}\\
&-2(m_{010}^{(21)})^2m_{101}^{(20)}m_{201}^{(10)} - (m_{010}^{(21)})^2m_{101}^{(20)}m_{111}^{(00)} + 2(m_{010}^{(21)})^2m_{101}^{(21)}m_{201}^{(00)}\\
&+(m_{010}^{(21)})^2m_{101}^{(22)}m_{210}^{(00)} - (m_{010}^{(21)})^2m_{011}^{(00)}m_{201}^{(20)} + (m_{010}^{(21)})^2m_{011}^{(20)}m_{300}^{(20)}\\
&+(m_{010}^{(21)})^2m_{011}^{(20)}m_{201}^{(00)} - (m_{010}^{(21)})^2m_{011}^{(22)}m_{300}^{(00)} - (m_{010}^{(21)})^2m_{002}^{(00)}m_{201}^{(10)}\\
&+(m_{010}^{(21)})^2m_{002}^{(10)}m_{201}^{(00)} + (m_{010}^{(21)})^2m_{002}^{(20)}m_{300}^{(10)} - (m_{010}^{(21)})^2m_{002}^{(21)}m_{300}^{(00)}\\
&+m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(00)}m_{021}^{(20)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(00)}m_{012}^{(10)} - m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{111}^{(20)}\\
&-m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{102}^{(10)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{012}^{(00)} + m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(11)}m_{102}^{(00)}\\
&-m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{111}^{(10)} - m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(00)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(00)}\\
&-m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(00)}m_{111}^{(20)} - m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(00)}m_{102}^{(10)} + m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{201}^{(20)}\\
&+m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{102}^{(00)} + m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{201}^{(10)} + m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(00)}\\
&-2m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(00)} - m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(00)}m_{120}^{(20)} - 3m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(00)}m_{111}^{(10)}
\end{aligned}
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\begin{aligned}
&+m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{210}^{(20)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{201}^{(10)} + 3m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(00)}\\
&-2m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(11)}m_{201}^{(00)} + m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(20)}m_{210}^{(10)} + m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(00)}\\
&-2m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(00)} + m_{010}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{210}^{(20)} + m_{010}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{201}^{(10)}\\
&-m_{010}^{(21)}m_{010}^{(22)}m_{011}^{(10)}m_{300}^{(20)} - m_{010}^{(21)}m_{010}^{(22)}m_{011}^{(10)}m_{201}^{(00)} - m_{010}^{(21)}m_{010}^{(22)}m_{011}^{(20)}m_{300}^{(10)}\\
&-m_{010}^{(21)}m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(00)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{011}^{(21)}m_{300}^{(00)} + m_{010}^{(21)}m_{010}^{(22)}m_{002}^{(00)}m_{210}^{(10)}\\
&-m_{010}^{(21)}m_{010}^{(22)}m_{002}^{(10)}m_{300}^{(10)} - m_{010}^{(21)}m_{010}^{(22)}m_{002}^{(10)}m_{210}^{(00)} + m_{010}^{(21)}m_{010}^{(22)}m_{002}^{(11)}m_{300}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(00)}m_{200}^{(10)}m_{021}^{(22)} + m_{010}^{(21)}m_{001}^{(00)}m_{200}^{(10)}m_{012}^{(21)} - m_{010}^{(21)}m_{001}^{(00)}m_{200}^{(11)}m_{012}^{(20)}\\
&-m_{010}^{(21)}m_{001}^{(00)}m_{200}^{(20)}m_{030}^{(22)} - m_{010}^{(21)}m_{001}^{(00)}m_{200}^{(20)}m_{021}^{(21)} + m_{010}^{(21)}m_{001}^{(00)}m_{200}^{(22)}m_{030}^{(20)}\\
&-2m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(10)}m_{111}^{(22)} - m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(10)}m_{102}^{(21)} + m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(10)}m_{012}^{(20)}\\
&+2m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{120}^{(22)} + m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{111}^{(21)} - m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{012}^{(10)}\\
&+m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{111}^{(20)} + m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{102}^{(10)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(22)}m_{120}^{(20)}\\
&-m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(10)}m_{111}^{(21)} - m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(10)}m_{021}^{(20)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(11)}m_{111}^{(20)}\\
&+m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(20)}m_{120}^{(21)} + m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(20)}m_{021}^{(10)} - m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{120}^{(20)}\\
&-m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{111}^{(10)} + m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(10)}m_{201}^{(22)} - m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(20)}m_{210}^{(22)}\\
&-m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(21)}m_{201}^{(20)} + m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(22)}m_{210}^{(20)} + m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{201}^{(21)}\\
&-m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(20)} - m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{210}^{(21)} + m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(10)}\\
&+m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{210}^{(20)} - m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{201}^{(10)} + m_{010}^{(21)}m_{001}^{(00)}m_{002}^{(10)}m_{120}^{(20)}\\
&-m_{010}^{(21)}m_{001}^{(00)}m_{002}^{(11)}m_{210}^{(20)} - m_{010}^{(21)}m_{001}^{(00)}m_{002}^{(20)}m_{120}^{(10)} + m_{010}^{(21)}m_{001}^{(00)}m_{002}^{(21)}m_{210}^{(10)}\\
&-m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(00)}m_{021}^{(22)} - m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(00)}m_{012}^{(21)} + m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(11)}m_{102}^{(20)}\\
&+m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{120}^{(22)} + m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{111}^{(21)} + m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{021}^{(20)}\\
&+m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{012}^{(10)} - m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{111}^{(20)} - m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{102}^{(10)}\\
&-m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(22)}m_{120}^{(20)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(00)}m_{111}^{(22)} + m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(00)}m_{102}^{(21)}\\
&-m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(00)}m_{012}^{(20)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{210}^{(22)} - m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{201}^{(21)}\\
&-2m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(20)} + m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(00)} + m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{201}^{(20)}\\
&-m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(00)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(22)}m_{210}^{(20)} + m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{111}^{(21)}\\
&+m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{021}^{(20)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(11)}m_{201}^{(20)} - m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{210}^{(21)}\\
&-2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(10)} - m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(00)} + m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{210}^{(20)}\\
&+2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{201}^{(10)} + m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(00)} - m_{010}^{(21)}m_{001}^{(10)}m_{020}^{(00)}m_{201}^{(22)}\\
&+m_{010}^{(21)}m_{001}^{(10)}m_{020}^{(20)}m_{300}^{(22)} + m_{010}^{(21)}m_{001}^{(10)}m_{020}^{(20)}m_{201}^{(20)} - m_{010}^{(21)}m_{001}^{(10)}m_{020}^{(22)}m_{300}^{(20)}\\
&-m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{201}^{(21)} + m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{111}^{(20)} + m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{300}^{(21)}\\
&-m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(00)} - m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{300}^{(20)} + m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(00)}m_{120}^{(20)} + m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(11)}m_{300}^{(20)} + m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(20)}m_{210}^{(10)}\\
&+m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(00)} - m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(21)}m_{300}^{(10)} - m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(21)}m_{210}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(00)}m_{012}^{(20)} - m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{102}^{(20)} - m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(00)} - 2m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{111}^{(20)} + 2m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(20)}\\
&+2m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(00)} - 2m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(00)} + m_{010}^{(21)}m_{001}^{(11)}m_{002}^{(00)}m_{210}^{(20)}\\
&-m_{010}^{(21)}m_{001}^{(11)}m_{002}^{(10)}m_{300}^{(20)} - m_{010}^{(21)}m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(00)} + m_{010}^{(21)}m_{001}^{(11)}m_{002}^{(21)}m_{300}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(00)}m_{030}^{(22)} + m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(00)}m_{021}^{(21)} - m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{120}^{(22)}
\end{aligned}
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\begin{aligned}
&-m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{111}^{(21)} - m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(20)} - m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{012}^{(10)}\\
&+m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{012}^{(00)} + m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{120}^{(20)} + m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{111}^{(10)}\\
&-m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(22)}m_{030}^{(00)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{120}^{(22)} - m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{111}^{(21)}\\
&+m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{012}^{(10)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{210}^{(22)} + m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{201}^{(21)}\\
&+2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(20)} - m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(00)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(20)}\\
&-m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{201}^{(10)} - m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(00)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(22)}m_{120}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(00)}m_{120}^{(21)} - m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(00)}m_{021}^{(10)} + m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{210}^{(21)}\\
&+2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(10)} + m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(00)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(21)}m_{210}^{(10)} + m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(00)} + m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{210}^{(22)}\\
&-m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{300}^{(22)} - m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(20)} + m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(21)}m_{300}^{(20)}\\
&+m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(00)} - m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(22)}m_{210}^{(00)} + m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{210}^{(21)}\\
&-m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{111}^{(10)} - m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{300}^{(21)} + m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(21)}m_{300}^{(10)} - m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(00)} + m_{010}^{(21)}m_{001}^{(20)}m_{002}^{(00)}m_{120}^{(10)}\\
&-m_{010}^{(21)}m_{001}^{(20)}m_{002}^{(10)}m_{210}^{(10)} - m_{010}^{(21)}m_{001}^{(20)}m_{002}^{(10)}m_{120}^{(00)} + m_{010}^{(21)}m_{001}^{(20)}m_{002}^{(11)}m_{210}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(20)} + m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{102}^{(10)} - m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(11)}m_{102}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{120}^{(20)} - m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(10)} + m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(22)}m_{120}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(20)} - m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{102}^{(10)} - m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(20)}\\
&+m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(00)} + 2m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(20)} + m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(10)}\\
&+m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(00)} - 2m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(00)} + m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(20)}\\
&+m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(10)} - m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(20)} - 2m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{201}^{(10)}\\
&-m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(00)} + 2m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(00)} + m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(10)}\\
&-m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(00)} + m_{010}^{(21)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(20)} - m_{010}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{300}^{(20)}\\
&-m_{010}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(00)} + m_{010}^{(21)}m_{001}^{(21)}m_{020}^{(22)}m_{300}^{(00)} - m_{010}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(20)}\\
&+m_{010}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{201}^{(10)} + m_{010}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(20)} - m_{010}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(10)} + m_{010}^{(21)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(00)} - m_{010}^{(21)}m_{001}^{(21)}m_{002}^{(00)}m_{210}^{(10)}\\
&+m_{010}^{(21)}m_{001}^{(21)}m_{002}^{(10)}m_{300}^{(10)} + m_{010}^{(21)}m_{001}^{(21)}m_{002}^{(10)}m_{210}^{(00)} - m_{010}^{(21)}m_{001}^{(21)}m_{002}^{(11)}m_{300}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(20)} + m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(20)} + m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(00)} + 2m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(20)} - 2m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(20)}\\
&-2m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(00)} + 2m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(00)} - m_{010}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(20)}\\
&+m_{010}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(20)} + m_{010}^{(21)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(00)} - m_{010}^{(21)}m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(00)}\\
&-(m_{010}^{(22)})^2m_{200}^{(00)}m_{021}^{(10)} + (m_{010}^{(22)})^2m_{200}^{(10)}m_{111}^{(10)} + (m_{010}^{(22)})^2m_{200}^{(10)}m_{021}^{(00)}\\
&-(m_{010}^{(22)})^2m_{200}^{(11)}m_{111}^{(00)} + (m_{010}^{(22)})^2m_{110}^{(00)}m_{111}^{(10)} - (m_{010}^{(22)})^2m_{110}^{(10)}m_{201}^{(10)}\\
&-(m_{010}^{(22)})^2m_{110}^{(10)}m_{111}^{(00)} + (m_{010}^{(22)})^2m_{110}^{(11)}m_{201}^{(00)} + (m_{010}^{(22)})^2m_{101}^{(00)}m_{120}^{(10)}\\
&-(m_{010}^{(22)})^2m_{101}^{(10)}m_{210}^{(10)} - (m_{010}^{(22)})^2m_{101}^{(00)}m_{120}^{(10)} + (m_{010}^{(22)})^2m_{101}^{(11)}m_{210}^{(00)}\\
&-(m_{010}^{(22)})^2m_{011}^{(00)}m_{210}^{(10)} + (m_{010}^{(22)})^2m_{011}^{(10)}m_{300}^{(10)} + (m_{010}^{(22)})^2m_{011}^{(10)}m_{210}^{(00)}\\
&-(m_{010}^{(22)})^2m_{011}^{(11)}m_{300}^{(00)} - m_{010}^{(22)}m_{001}^{(00)}m_{200}^{(10)}m_{021}^{(21)} + m_{010}^{(22)}m_{001}^{(00)}m_{200}^{(11)}m_{021}^{(20)}\\
&+m_{010}^{(22)}m_{001}^{(00)}m_{200}^{(20)}m_{030}^{(21)} - m_{010}^{(22)}m_{001}^{(00)}m_{200}^{(21)}m_{030}^{(20)} + 2m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(10)}m_{111}^{(21)}\\
&-2m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(11)}m_{111}^{(20)} - 2m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(20)}m_{120}^{(21)} + 2m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(21)}m_{120}^{(20)}
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\begin{aligned}
&-m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(10)}m_{201}^{(21)}+m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(11)}m_{201}^{(20)}+m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(20)}m_{210}^{(21)}\\
&-m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(21)}m_{210}^{(20)}+m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(00)}m_{021}^{(21)}-m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(10)}m_{021}^{(20)}\\
&-m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(20)}m_{120}^{(21)}+m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(21)}m_{120}^{(20)}-2m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(00)}m_{111}^{(21)}\\
&+2m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{111}^{(20)}+2m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(20)}m_{210}^{(21)}-2m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(21)}m_{210}^{(20)}\\
&+m_{010}^{(22)}m_{001}^{(10)}m_{020}^{(00)}m_{201}^{(21)}-m_{010}^{(22)}m_{001}^{(10)}m_{020}^{(10)}m_{201}^{(20)}-m_{010}^{(22)}m_{001}^{(10)}m_{020}^{(20)}m_{300}^{(21)}\\
&+m_{010}^{(22)}m_{001}^{(10)}m_{020}^{(21)}m_{300}^{(20)}-m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(00)}m_{030}^{(21)}+m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(10)}m_{120}^{(21)}\\
&+m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(10)}m_{030}^{(20)}+m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(10)}-m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{120}^{(20)}\\
&-m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(00)}-m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(20)}m_{030}^{(10)}+m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(21)}m_{030}^{(00)}\\
&+2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(00)}m_{120}^{(21)}-2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{210}^{(21)}-2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{120}^{(20)}\\
&-2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(10)}+2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{210}^{(20)}+2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(00)}\\
&+2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(10)}-2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(00)}-m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{210}^{(21)}\\
&+m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{300}^{(21)}+m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{210}^{(20)}+m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(10)}\\
&-m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(11)}m_{300}^{(20)}-m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(00)}-m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(10)}\\
&+m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(21)}m_{210}^{(00)}-m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(10)}+m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(00)}\\
&+m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(20)}m_{120}^{(10)}-m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(00)}+2m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(10)}\\
&-2m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(00)}-2m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(10)}+2m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(00)}\\
&-m_{010}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(10)}+m_{010}^{(22)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(00)}+m_{010}^{(22)}m_{001}^{(21)}m_{020}^{(20)}m_{300}^{(10)}\\
&-m_{010}^{(22)}m_{001}^{(21)}m_{020}^{(21)}m_{300}^{(00)}+m_{010}^{(22)}m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(10)}-m_{010}^{(22)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(00)}\\
&-m_{010}^{(22)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(00)}+m_{010}^{(22)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(00)}-2m_{010}^{(22)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(10)}\\
&+2m_{010}^{(22)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(10)}+2m_{010}^{(22)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(00)}-2m_{010}^{(22)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(00)}\\
&+m_{010}^{(22)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(10)}-m_{010}^{(22)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(10)}-m_{010}^{(22)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(00)}\\
&+m_{010}^{(22)}m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(00)}+(m_{001}^{(00)})^2m_{110}^{(11)}m_{012}^{(21)}-(m_{001}^{(00)})^2m_{110}^{(21)}m_{012}^{(21)}\\
&-(m_{001}^{(00)})^2m_{110}^{(21)}m_{012}^{(11)}+(m_{001}^{(00)})^2m_{110}^{(22)}m_{021}^{(11)}-(m_{001}^{(00)})^2m_{101}^{(11)}m_{021}^{(21)}\\
&+(m_{001}^{(00)})^2m_{101}^{(21)}m_{030}^{(21)}+(m_{001}^{(00)})^2m_{101}^{(21)}m_{021}^{(11)}-(m_{001}^{(00)})^2m_{101}^{(22)}m_{030}^{(11)}\\
&-(m_{001}^{(00)})^2m_{020}^{(11)}m_{102}^{(21)}+(m_{001}^{(00)})^2m_{020}^{(21)}m_{111}^{(21)}+(m_{001}^{(00)})^2m_{020}^{(21)}m_{102}^{(11)}\\
&-(m_{001}^{(00)})^2m_{020}^{(22)}m_{111}^{(11)}+(m_{001}^{(00)})^2m_{011}^{(11)}m_{111}^{(21)}-(m_{001}^{(00)})^2m_{011}^{(21)}m_{120}^{(21)}\\
&-(m_{001}^{(00)})^2m_{011}^{(21)}m_{111}^{(11)}+(m_{001}^{(00)})^2m_{011}^{(22)}m_{120}^{(11)}-m_{001}^{(00)}m_{001}^{(10)}m_{200}^{(11)}m_{012}^{(21)}\\
&+m_{001}^{(00)}m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(21)}+m_{001}^{(00)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(11)}-m_{001}^{(00)}m_{001}^{(10)}m_{200}^{(22)}m_{021}^{(11)}\\
&-2m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(21)}+m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(11)}m_{102}^{(21)}-m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(11)}m_{012}^{(20)}\\
&+m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(21)}+m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(11)}-m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(11)}\\
&+m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{021}^{(20)}+2m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(10)}-2m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{021}^{(10)}\\
&+2m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(21)}+m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(21)}+m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(11)}m_{021}^{(20)}\\
&-m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(20)}m_{030}^{(21)}-m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(11)}-2m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(21)}\\
&-m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(11)}-m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{030}^{(20)}-2m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(10)}\\
&+2m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(22)}m_{120}^{(11)}+2m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(22)}m_{030}^{(10)}+2m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(21)}\\
&+m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(11)}m_{102}^{(20)}-m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{111}^{(21)}-m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(11)}\\
&-m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{201}^{(21)}-m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{111}^{(20)}-2m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{102}^{(10)}\\
&+m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{201}^{(11)}+2m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{111}^{(10)}-2m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(21)}
\end{aligned}
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\begin{aligned}
&-m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{201}^{(21)} - m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{111}^{(20)} + m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(21)}\\
&+m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(11)} + 2m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{210}^{(21)} + m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(11)}\\
&+m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{120}^{(20)} + 2m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(10)} - 2m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{210}^{(11)}\\
&-2m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{120}^{(10)} + m_{001}^{(00)}m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(21)} - m_{001}^{(00)}m_{001}^{(11)}m_{200}^{(20)}m_{021}^{(21)}\\
&-m_{001}^{(00)}m_{001}^{(11)}m_{200}^{(21)}m_{012}^{(10)} + m_{001}^{(00)}m_{001}^{(11)}m_{200}^{(22)}m_{021}^{(10)} - m_{001}^{(00)}m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(21)}\\
&+m_{001}^{(00)}m_{001}^{(11)}m_{110}^{(10)}m_{012}^{(20)} + m_{001}^{(00)}m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(21)} - m_{001}^{(00)}m_{001}^{(11)}m_{110}^{(20)}m_{012}^{(10)}\\
&-m_{001}^{(00)}m_{001}^{(11)}m_{110}^{(21)}m_{111}^{(20)} + m_{001}^{(00)}m_{001}^{(11)}m_{110}^{(21)}m_{102}^{(10)} - m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(21)}\\
&-m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(10)}m_{021}^{(20)} + m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(20)}m_{120}^{(21)} + m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(20)}m_{021}^{(10)}\\
&+m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{120}^{(20)} + m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(10)} - 2m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(22)}m_{120}^{(10)}\\
&-m_{001}^{(00)}m_{001}^{(11)}m_{020}^{(10)}m_{102}^{(20)} + m_{001}^{(00)}m_{001}^{(11)}m_{020}^{(20)}m_{102}^{(10)} + m_{001}^{(00)}m_{001}^{(11)}m_{020}^{(21)}m_{201}^{(20)}\\
&-m_{001}^{(00)}m_{001}^{(11)}m_{020}^{(22)}m_{201}^{(10)} + m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(21)} + m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(10)}m_{111}^{(20)}\\
&-m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{210}^{(21)} - m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(10)} - m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{210}^{(20)}\\
&-m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{201}^{(10)} + 2m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(22)}m_{210}^{(10)} + m_{001}^{(00)}m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(21)}\\
&-m_{001}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{030}^{(21)} - m_{001}^{(00)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(11)} + m_{001}^{(00)}m_{001}^{(20)}m_{200}^{(22)}m_{030}^{(11)}\\
&+m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(21)} + m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(11)} - 3m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(21)}\\
&-m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(11)}m_{012}^{(10)} - 2m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(11)} + 2m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(21)}\\
&+3m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(11)} + m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(10)} - 2m_{001}^{(00)}m_{001}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{120}^{(21)}\\
&-m_{001}^{(00)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(21)} - m_{001}^{(00)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(11)} + m_{001}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(21)}\\
&+m_{001}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{021}^{(10)} + 2m_{001}^{(00)}m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(11)} - m_{001}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(11)}\\
&-m_{001}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{030}^{(10)} - m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(21)} - m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{102}^{(11)}\\
&+2m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(21)} + m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{102}^{(10)} + 2m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(11)}\\
&-m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{210}^{(21)} - 2m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(11)} - m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(10)}\\
&+m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(22)}m_{210}^{(11)} + m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(21)} + m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(11)}\\
&-m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(21)} - m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{111}^{(10)} - 2m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(11)}\\
&+m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(11)} + m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(10)} - m_{001}^{(00)}m_{001}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(21)}\\
&-m_{001}^{(00)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(11)} + m_{001}^{(00)}m_{001}^{(21)}m_{200}^{(11)}m_{012}^{(10)} + m_{001}^{(00)}m_{001}^{(21)}m_{200}^{(20)}m_{030}^{(21)}\\
&+m_{001}^{(00)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(11)} - m_{001}^{(00)}m_{001}^{(21)}m_{200}^{(22)}m_{030}^{(10)} + 2m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(21)}\\
&+m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(11)} - m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{021}^{(20)} + m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(11)}m_{111}^{(20)}\\
&-m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(11)}m_{102}^{(10)} - 2m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(21)} - m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(11)}\\
&+m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{021}^{(10)} - 2m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(10)} + 2m_{001}^{(00)}m_{001}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(11)}\\
&+m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(11)} + m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{030}^{(20)} - m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{120}^{(20)}\\
&-m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{111}^{(10)} - m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(11)} - m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(20)}m_{030}^{(10)}\\
&+2m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(10)} - m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(21)} + m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{111}^{(20)}\\
&-m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(11)}m_{201}^{(20)} + m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(21)} - m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{111}^{(10)}\\
&+2m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{201}^{(10)} - m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{210}^{(10)} - m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(11)}\\
&-m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{120}^{(20)} + m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{210}^{(20)} + m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{201}^{(10)}\\
&+m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(11)} + m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{120}^{(10)} - 2m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(10)}\\
&+m_{001}^{(00)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(11)} - m_{001}^{(00)}m_{001}^{(22)}m_{200}^{(11)}m_{021}^{(10)} - m_{001}^{(00)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(11)}
\end{aligned}
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\begin{aligned}
&+m_{001}^{(00)}m_{001}^{(22)}m_{200}^{(21)}m_{030}^{(10)} - 2m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(11)} + 2m_{001}^{(00)}m_{001}^{(22)}m_{001}^{(11)}m_{110}^{(10)}m_{111}\\
&+2m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(11)} - 2m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(21)}m_{120}^{(10)} + m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(11)}\\
&-m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(11)}m_{201}^{(10)} - m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(11)} + m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(21)}m_{210}^{(10)}\\
&+(m_{001}^{(10)})^2m_{200}^{(10)}m_{012}^{(21)} + (m_{001}^{(10)})^2m_{200}^{(11)}m_{012}^{(20)} - (m_{001}^{(10)})^2m_{200}^{(20)}m_{012}^{(11)}\\
&-(m_{001}^{(10)})^2m_{200}^{(21)}m_{111}^{(21)} - (m_{001}^{(10)})^2m_{200}^{(21)}m_{021}^{(20)} - (m_{001}^{(10)})^2m_{200}^{(21)}m_{012}^{(10)}\\
&+(m_{001}^{(10)})^2m_{200}^{(22)}m_{111}^{(11)} + (m_{001}^{(10)})^2m_{200}^{(22)}m_{021}^{(10)} + (m_{001}^{(10)})^2m_{110}^{(00)}m_{012}^{(21)}\\
&-(m_{001}^{(10)})^2m_{110}^{(10)}m_{102}^{(21)} + (m_{001}^{(10)})^2m_{110}^{(10)}m_{012}^{(20)} - (m_{001}^{(10)})^2m_{110}^{(11)}m_{102}^{(20)}\\
&-(m_{001}^{(10)})^2m_{110}^{(20)}m_{111}^{(21)} + (m_{001}^{(10)})^2m_{110}^{(20)}m_{102}^{(11)} - (m_{001}^{(10)})^2m_{110}^{(20)}m_{021}^{(20)}\\
&-(m_{001}^{(10)})^2m_{110}^{(20)}m_{012}^{(10)} + (m_{001}^{(10)})^2m_{110}^{(21)}m_{201}^{(21)} + (m_{001}^{(10)})^2m_{110}^{(21)}m_{111}^{(20)}\\
&+(m_{001}^{(10)})^2m_{110}^{(21)}m_{102}^{(10)} - (m_{001}^{(10)})^2m_{110}^{(21)}m_{012}^{(00)} - (m_{001}^{(10)})^2m_{110}^{(22)}m_{201}^{(11)}\\
&+(m_{001}^{(10)})^2m_{110}^{(22)}m_{021}^{(00)} - (m_{001}^{(10)})^2m_{101}^{(00)}m_{021}^{(21)} - (m_{001}^{(10)})^2m_{101}^{(10)}m_{111}^{(21)}\\
&-(m_{001}^{(10)})^2m_{101}^{(10)}m_{021}^{(20)} - (m_{001}^{(10)})^2m_{101}^{(11)}m_{111}^{(20)} + (m_{001}^{(10)})^2m_{101}^{(20)}m_{120}^{(21)}\\
&+(m_{001}^{(10)})^2m_{101}^{(20)}m_{111}^{(11)} + (m_{001}^{(10)})^2m_{101}^{(20)}m_{030}^{(20)} + (m_{001}^{(10)})^2m_{101}^{(20)}m_{021}^{(10)}\\
&+(m_{001}^{(10)})^2m_{101}^{(21)}m_{210}^{(21)} + (m_{001}^{(10)})^2m_{101}^{(21)}m_{120}^{(20)} + (m_{001}^{(10)})^2m_{101}^{(21)}m_{111}^{(10)}\\
&+(m_{001}^{(10)})^2m_{101}^{(21)}m_{021}^{(00)} - (m_{001}^{(10)})^2m_{101}^{(22)}m_{210}^{(11)} - 2(m_{001}^{(10)})^2m_{101}^{(22)}m_{120}^{(10)}\\
&-(m_{001}^{(10)})^2m_{101}^{(22)}m_{030}^{(00)} - (m_{001}^{(10)})^2m_{020}^{(00)}m_{102}^{(21)} - (m_{001}^{(10)})^2m_{020}^{(10)}m_{102}^{(20)}\\
&+(m_{001}^{(10)})^2m_{020}^{(20)}m_{201}^{(21)} + (m_{001}^{(10)})^2m_{020}^{(20)}m_{111}^{(20)} + (m_{001}^{(10)})^2m_{020}^{(20)}m_{102}^{(10)}\\
&+(m_{001}^{(10)})^2m_{020}^{(21)}m_{102}^{(00)} - (m_{001}^{(10)})^2m_{020}^{(22)}m_{201}^{(10)} - (m_{001}^{(10)})^2m_{020}^{(22)}m_{111}^{(00)}\\
&+(m_{001}^{(10)})^2m_{011}^{(00)}m_{111}^{(21)} + (m_{001}^{(10)})^2m_{011}^{(10)}m_{201}^{(21)} + (m_{001}^{(10)})^2m_{011}^{(10)}m_{111}^{(20)}\\
&+(m_{001}^{(10)})^2m_{011}^{(11)}m_{201}^{(20)} - (m_{001}^{(10)})^2m_{011}^{(20)}m_{210}^{(21)} - (m_{001}^{(10)})^2m_{011}^{(20)}m_{201}^{(11)}\\
&-(m_{001}^{(10)})^2m_{011}^{(20)}m_{120}^{(20)} - (m_{001}^{(10)})^2m_{011}^{(20)}m_{111}^{(10)} - (m_{001}^{(10)})^2m_{011}^{(21)}m_{300}^{(21)}\\
&-(m_{001}^{(10)})^2m_{011}^{(21)}m_{210}^{(20)} - (m_{001}^{(10)})^2m_{011}^{(21)}m_{201}^{(10)} - (m_{001}^{(10)})^2m_{011}^{(21)}m_{111}^{(00)}\\
&+(m_{001}^{(10)})^2m_{011}^{(22)}m_{300}^{(11)} + 2(m_{001}^{(10)})^2m_{011}^{(22)}m_{210}^{(10)} + (m_{001}^{(10)})^2m_{011}^{(22)}m_{120}^{(00)}\\
&-m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(00)}m_{012}^{(21)} - 2m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(20)} + m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{111}^{(21)}\\
&+m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{021}^{(20)} + 2m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(10)} + m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{111}^{(20)}\\
&+m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{012}^{(00)} - 2m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{111}^{(10)} - m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{021}^{(00)}\\
&+m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(00)}m_{102}^{(21)} - m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(00)}m_{012}^{(20)} + 2m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(20)}\\
&-m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{201}^{(21)} - 2m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(10)} + m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{012}^{(00)}\\
&-m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(21)}m_{201}^{(20)} - m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(21)}m_{102}^{(00)} + 2m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{201}^{(10)}\\
&+m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{111}^{(21)} + m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{021}^{(20)} + 2m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(20)}\\
&-m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{210}^{(21)} - 2m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{120}^{(20)} - 2m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(10)}\\
&-m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{021}^{(00)} - m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{210}^{(20)} - m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(00)}\\
&+2m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{210}^{(10)} + 2m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{120}^{(00)} + m_{001}^{(10)}m_{001}^{(11)}m_{020}^{(00)}m_{102}^{(20)}\\
&-m_{001}^{(10)}m_{001}^{(11)}m_{020}^{(20)}m_{201}^{(20)} - m_{001}^{(10)}m_{001}^{(11)}m_{020}^{(20)}m_{102}^{(00)} + m_{001}^{(10)}m_{001}^{(11)}m_{020}^{(22)}m_{201}^{(00)}\\
&-m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{201}^{(21)} - m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{111}^{(20)} - 2m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(20)}\\
&+m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{300}^{(21)} + 2m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{210}^{(20)} + 2m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(10)}\\
&+m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(00)} + m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(21)}m_{300}^{(20)} + m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(21)}m_{201}^{(00)}\\
&-2m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(22)}m_{300}^{(10)} - 2m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(22)}m_{210}^{(00)} - 2m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(21)}
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\begin{aligned}
&+m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{111}^{(21)} - m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(20)} + 2m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(20)}m_{021}^{(11)}\\
&+m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{120}^{(21)} - m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{111}^{(11)} + m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{030}^{(20)}\\
&+m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(10)} - m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(22)}m_{120}^{(11)} - m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(22)}m_{030}^{(10)}\\
&-m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(00)}m_{021}^{(21)} - m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(00)}m_{012}^{(11)} + 4m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(21)}\\
&-m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{201}^{(21)} + 2m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(20)} + m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{012}^{(00)}\\
&-2m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(11)} + 2m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(10)} - 2m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(21)}\\
&+m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{201}^{(11)} - 2m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(20)} - 4m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(10)}\\
&-m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(00)} + 2m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{210}^{(11)} + 2m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{120}^{(10)}\\
&+m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(00)}m_{030}^{(21)} + m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(00)}m_{021}^{(11)} - m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{210}^{(21)}\\
&-m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{021}^{(00)} - 2m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(11)} - 2m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(10)}\\
&+m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{210}^{(11)} + 2m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(10)} + m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{030}^{(00)}\\
&+m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(21)} + m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{102}^{(11)} - 2m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(21)}\\
&-m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(20)} - m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(11)}m_{102}^{(00)} - 2m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(10)}\\
&+m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{300}^{(21)} + m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{210}^{(20)} + 3m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(10)}\\
&+m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(00)} - m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(22)}m_{300}^{(11)} - m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(22)}m_{210}^{(10)}\\
&-m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(21)} - m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{111}^{(11)} + m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{300}^{(21)}\\
&+m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{111}^{(00)} + 2m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(11)} + 2m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(10)}\\
&-m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{300}^{(11)} - 2m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(10)} - m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(00)}\\
&+m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(21)} + m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(00)}m_{012}^{(11)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(20)}\\
&-m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(20)} - m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{012}^{(00)} - m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{120}^{(21)}\\
&-m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(11)} - m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{030}^{(20)} - 3m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(10)}\\
&+2m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(10)} + m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(22)}m_{120}^{(10)} + m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(22)}m_{030}^{(00)}\\
&-2m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(21)} - m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{102}^{(11)} + m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{021}^{(20)}\\
&-4m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(20)} + m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(20)} + m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(11)}m_{102}^{(00)}\\
&+2m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(21)} + m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(11)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(20)}\\
&+4m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(10)} - m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{021}^{(00)} - 2m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(10)}\\
&+2m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(00)} - 2m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(10)} - 2m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{120}^{(00)}\\
&-m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(11)} - m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{030}^{(20)} + m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(20)}\\
&+m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{111}^{(00)} + m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(11)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(10)}\\
&+m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{030}^{(00)} - 2m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(10)} - 2m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(00)}\\
&+m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(21)} - m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(20)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(20)}\\
&-m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{300}^{(21)} - m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(20)} - m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(10)}\\
&+m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{111}^{(00)} - 2m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(21)}m_{201}^{(00)} + m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(22)}m_{300}^{(10)}\\
&+m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(22)}m_{210}^{(00)} + m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{201}^{(11)} + m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{120}^{(20)}\\
&-m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(11)}m_{300}^{(20)} - m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(11)}m_{201}^{(00)} - m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(11)}\\
&-2m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(10)} - m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{120}^{(00)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(10)}\\
&+2m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(00)} - m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(00)}m_{021}^{(11)} + m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(00)}m_{021}^{(10)}\\
&+m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(20)}m_{120}^{(11)} + m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(10)} - m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(10)}
\end{aligned}
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\begin{aligned}
&-m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{030}^{(00)} + 2m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{111}^{(11)} - 2m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{111}^{(00)}\\
&-2m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{210}^{(11)} - 2m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(10)} + 2m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(10)}\\
&+2m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{120}^{(00)} - m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{201}^{(11)} + m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(11)}m_{201}^{(00)}\\
&+m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{300}^{(11)} + m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(10)} - m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(10)}\\
&-m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(21)}m_{210}^{(00)} + (m_{001}^{(11)})^2m_{200}^{(00)}m_{012}^{(20)} - (m_{001}^{(11)})^2m_{200}^{(20)}m_{111}^{(20)}\\
&-(m_{001}^{(11)})^2m_{200}^{(20)}m_{012}^{(00)} + (m_{001}^{(11)})^2m_{200}^{(22)}m_{111}^{(00)} - (m_{001}^{(11)})^2m_{110}^{(00)}m_{102}^{(20)}\\
&+(m_{001}^{(11)})^2m_{110}^{(20)}m_{201}^{(20)} + (m_{001}^{(11)})^2m_{110}^{(20)}m_{102}^{(00)} - (m_{001}^{(11)})^2m_{110}^{(22)}m_{201}^{(00)}\\
&-(m_{001}^{(11)})^2m_{101}^{(00)}m_{111}^{(20)} + (m_{001}^{(11)})^2m_{101}^{(20)}m_{210}^{(20)} + (m_{001}^{(11)})^2m_{101}^{(20)}m_{111}^{(00)}\\
&-(m_{001}^{(11)})^2m_{101}^{(22)}m_{210}^{(00)} + (m_{001}^{(11)})^2m_{011}^{(00)}m_{201}^{(20)} - (m_{001}^{(11)})^2m_{011}^{(20)}m_{300}^{(20)}\\
&-(m_{001}^{(11)})^2m_{011}^{(20)}m_{201}^{(00)} + (m_{001}^{(11)})^2m_{011}^{(22)}m_{300}^{(00)} + m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(00)}m_{021}^{(21)}\\
&-m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{111}^{(21)} + m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(20)} - 2m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{021}^{(10)}\\
&-m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{120}^{(20)} + m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{111}^{(10)} + m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(22)}m_{120}^{(10)}\\
&-m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(00)}m_{111}^{(21)} + m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(00)}m_{012}^{(10)} + m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{201}^{(21)}\\
&-2m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(20)} - m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(00)} + 2m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(10)}\\
&+2m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(20)} - m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{201}^{(10)} + m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(00)}\\
&-2m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(22)}m_{210}^{(10)} - m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{120}^{(21)} - m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{021}^{(10)}\\
&+m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{210}^{(21)} + m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(00)} + 2m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(10)}\\
&-m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{210}^{(10)} - m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(00)} - m_{001}^{(11)}m_{001}^{(20)}m_{020}^{(00)}m_{102}^{(10)}\\
&+m_{001}^{(11)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(20)} + m_{001}^{(11)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(00)} - m_{001}^{(11)}m_{001}^{(20)}m_{020}^{(21)}m_{300}^{(20)}\\
&-m_{001}^{(11)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(00)} + m_{001}^{(11)}m_{001}^{(20)}m_{020}^{(22)}m_{300}^{(10)} + m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{210}^{(21)}\\
&+m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{111}^{(10)} - m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{300}^{(21)} - m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(00)}\\
&-2m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(10)} + m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{300}^{(10)} + m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(00)}\\
&-2m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(20)} - m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{012}^{(10)} + m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(20)}\\
&+m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(00)} + m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{120}^{(20)} + m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(10)}\\
&+2m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(00)} - 2m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(00)} - m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(22)}m_{120}^{(00)}\\
&+3m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(20)} + m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{102}^{(10)} - m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(20)}\\
&-m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(00)} - 2m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(20)} - m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(10)}\\
&-3m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(00)} + 2m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(00)} + 2m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(00)}\\
&+m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(20)} + m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(10)} - m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(20)}\\
&-m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(00)} - m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(10)} - m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(00)}\\
&+2m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(00)} - m_{001}^{(11)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(20)} + m_{001}^{(11)}m_{001}^{(21)}m_{020}^{(20)}m_{300}^{(20)}\\
&+m_{001}^{(11)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(00)} - m_{001}^{(11)}m_{001}^{(21)}m_{020}^{(22)}m_{300}^{(00)} - m_{001}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(20)}\\
&-m_{001}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{201}^{(10)} + m_{001}^{(11)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(20)} + m_{001}^{(11)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(00)}\\
&+m_{001}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(10)} + m_{001}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(00)} - 2m_{001}^{(11)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(00)}\\
&+m_{001}^{(11)}m_{001}^{(22)}m_{200}^{(00)}m_{021}^{(10)} - m_{001}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(00)} - m_{001}^{(11)}m_{001}^{(22)}m_{200}^{(20)}m_{120}^{(10)}\\
&+m_{001}^{(11)}m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(00)} - 2m_{001}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{111}^{(10)} + 2m_{001}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(00)}\\
&+2m_{001}^{(11)}m_{001}^{(22)}m_{110}^{(20)}m_{210}^{(10)} - 2m_{001}^{(11)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(00)} + m_{001}^{(11)}m_{001}^{(22)}m_{020}^{(00)}m_{201}^{(10)}\\
&-m_{001}^{(11)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(00)} - m_{001}^{(11)}m_{001}^{(22)}m_{020}^{(20)}m_{300}^{(10)} + m_{001}^{(11)}m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(00)}
\end{aligned}
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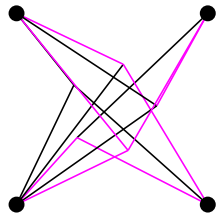
\begin{aligned}
&+(m_{001}^{(20)})^2 m_{200}^{(10)} m_{030}^{(21)} - (m_{001}^{(20)})^2 m_{200}^{(11)} m_{120}^{(21)} - (m_{001}^{(20)})^2 m_{200}^{(20)} m_{030}^{(11)} \\
&+(m_{001}^{(20)})^2 m_{200}^{(21)} m_{120}^{(11)} + (m_{001}^{(20)})^2 m_{110}^{(00)} m_{021}^{(11)} - 2(m_{001}^{(20)})^2 m_{110}^{(10)} m_{120}^{(21)} \\
&-(m_{001}^{(20)})^2 m_{110}^{(10)} m_{111}^{(11)} - (m_{001}^{(20)})^2 m_{110}^{(10)} m_{021}^{(10)} + 2(m_{001}^{(20)})^2 m_{110}^{(11)} m_{210}^{(21)} \\
&+(m_{001}^{(20)})^2 m_{110}^{(11)} m_{111}^{(10)} + 2(m_{001}^{(20)})^2 m_{110}^{(20)} m_{120}^{(11)} - 2(m_{001}^{(20)})^2 m_{110}^{(21)} m_{210}^{(11)} \\
&-(m_{001}^{(20)})^2 m_{101}^{(00)} m_{030}^{(11)} + (m_{001}^{(20)})^2 m_{101}^{(10)} m_{120}^{(11)} + (m_{001}^{(20)})^2 m_{101}^{(10)} m_{030}^{(10)} \\
&-(m_{001}^{(20)})^2 m_{101}^{(11)} m_{120}^{(10)} - (m_{001}^{(20)})^2 m_{020}^{(00)} m_{111}^{(11)} + (m_{001}^{(20)})^2 m_{020}^{(10)} m_{210}^{(21)} \\
&+(m_{001}^{(20)})^2 m_{020}^{(10)} m_{201}^{(11)} + (m_{001}^{(20)})^2 m_{020}^{(10)} m_{111}^{(10)} - (m_{001}^{(20)})^2 m_{020}^{(11)} m_{300}^{(21)} \\
&-(m_{001}^{(20)})^2 m_{020}^{(11)} m_{201}^{(10)} - (m_{001}^{(20)})^2 m_{020}^{(20)} m_{210}^{(11)} + (m_{001}^{(20)})^2 m_{020}^{(21)} m_{300}^{(11)} \\
&+(m_{001}^{(20)})^2 m_{011}^{(00)} m_{120}^{(11)} - (m_{001}^{(20)})^2 m_{011}^{(10)} m_{210}^{(11)} - (m_{001}^{(20)})^2 m_{011}^{(10)} m_{120}^{(10)} \\
&+(m_{001}^{(20)})^2 m_{011}^{(11)} m_{210}^{(10)} - m_{001}^{(20)} m_{001}^{(21)} m_{200}^{(00)} m_{030}^{(21)} - m_{001}^{(20)} m_{001}^{(21)} m_{200}^{(00)} m_{021}^{(11)} \\
&+m_{001}^{(20)} m_{001}^{(21)} m_{200}^{(10)} m_{120}^{(21)} + m_{001}^{(20)} m_{001}^{(21)} m_{200}^{(10)} m_{111}^{(11)} - m_{001}^{(20)} m_{001}^{(21)} m_{200}^{(10)} m_{030}^{(20)} \\
&+m_{001}^{(20)} m_{001}^{(21)} m_{200}^{(10)} m_{021}^{(10)} + m_{001}^{(20)} m_{001}^{(21)} m_{200}^{(11)} m_{120}^{(20)} - m_{001}^{(20)} m_{001}^{(21)} m_{200}^{(11)} m_{111}^{(10)} \\
&+2m_{001}^{(20)} m_{001}^{(21)} m_{200}^{(20)} m_{030}^{(10)} - 2m_{001}^{(20)} m_{001}^{(21)} m_{200}^{(21)} m_{120}^{(10)} + 2m_{001}^{(20)} m_{001}^{(21)} m_{110}^{(00)} m_{120}^{(21)} \\
&+m_{001}^{(20)} m_{001}^{(21)} m_{110}^{(00)} m_{111}^{(11)} - m_{001}^{(20)} m_{001}^{(21)} m_{110}^{(00)} m_{021}^{(10)} - 2m_{001}^{(20)} m_{001}^{(21)} m_{110}^{(10)} m_{210}^{(21)} \\
&-m_{001}^{(20)} m_{001}^{(21)} m_{110}^{(10)} m_{201}^{(11)} + 2m_{001}^{(20)} m_{001}^{(21)} m_{110}^{(10)} m_{120}^{(20)} + m_{001}^{(20)} m_{001}^{(21)} m_{110}^{(10)} m_{021}^{(00)} \\
&-2m_{001}^{(20)} m_{001}^{(21)} m_{110}^{(11)} m_{210}^{(20)} + m_{001}^{(20)} m_{001}^{(21)} m_{110}^{(11)} m_{201}^{(10)} - m_{001}^{(20)} m_{001}^{(21)} m_{110}^{(11)} m_{111}^{(00)} \\
&-4m_{001}^{(20)} m_{001}^{(21)} m_{110}^{(20)} m_{120}^{(10)} + 4m_{001}^{(20)} m_{001}^{(21)} m_{110}^{(21)} m_{210}^{(10)} + m_{001}^{(20)} m_{001}^{(21)} m_{101}^{(00)} m_{120}^{(11)} \\
&+m_{001}^{(20)} m_{001}^{(21)} m_{101}^{(00)} m_{030}^{(10)} - m_{001}^{(20)} m_{001}^{(21)} m_{101}^{(10)} m_{210}^{(11)} - 2m_{001}^{(20)} m_{001}^{(21)} m_{101}^{(10)} m_{120}^{(10)} \\
&-m_{001}^{(20)} m_{001}^{(21)} m_{101}^{(10)} m_{030}^{(00)} + m_{001}^{(20)} m_{001}^{(21)} m_{101}^{(11)} m_{210}^{(10)} + m_{001}^{(20)} m_{001}^{(21)} m_{101}^{(11)} m_{120}^{(00)} \\
&-m_{001}^{(20)} m_{001}^{(21)} m_{020}^{(00)} m_{210}^{(21)} + m_{001}^{(20)} m_{001}^{(21)} m_{020}^{(00)} m_{111}^{(10)} + m_{001}^{(20)} m_{001}^{(21)} m_{020}^{(10)} m_{300}^{(21)} \\
&-m_{001}^{(20)} m_{001}^{(21)} m_{020}^{(10)} m_{210}^{(20)} - m_{001}^{(20)} m_{001}^{(21)} m_{020}^{(10)} m_{201}^{(10)} - m_{001}^{(20)} m_{001}^{(21)} m_{020}^{(10)} m_{111}^{(00)} \\
&+m_{001}^{(20)} m_{001}^{(21)} m_{020}^{(11)} m_{300}^{(20)} + m_{001}^{(20)} m_{001}^{(21)} m_{020}^{(11)} m_{201}^{(00)} + 2m_{001}^{(20)} m_{001}^{(21)} m_{020}^{(20)} m_{210}^{(10)} \\
&-2m_{001}^{(20)} m_{001}^{(21)} m_{020}^{(21)} m_{300}^{(10)} - m_{001}^{(20)} m_{001}^{(21)} m_{011}^{(00)} m_{210}^{(11)} - m_{001}^{(20)} m_{001}^{(21)} m_{011}^{(00)} m_{120}^{(10)} \\
&+m_{001}^{(20)} m_{001}^{(21)} m_{011}^{(10)} m_{300}^{(11)} + 2m_{001}^{(20)} m_{001}^{(21)} m_{011}^{(10)} m_{210}^{(10)} + m_{001}^{(20)} m_{001}^{(21)} m_{011}^{(10)} m_{120}^{(00)} \\
&-m_{001}^{(20)} m_{001}^{(21)} m_{011}^{(11)} m_{300}^{(10)} - m_{001}^{(20)} m_{001}^{(21)} m_{011}^{(11)} m_{210}^{(00)} + m_{001}^{(20)} m_{001}^{(22)} m_{200}^{(00)} m_{030}^{(11)} \\
&-m_{001}^{(20)} m_{001}^{(22)} m_{200}^{(10)} m_{120}^{(11)} - m_{001}^{(20)} m_{001}^{(22)} m_{200}^{(10)} m_{030}^{(10)} + m_{001}^{(20)} m_{001}^{(22)} m_{200}^{(11)} m_{120}^{(10)} \\
&-2m_{001}^{(20)} m_{001}^{(22)} m_{110}^{(00)} m_{120}^{(11)} + 2m_{001}^{(20)} m_{001}^{(22)} m_{110}^{(10)} m_{210}^{(11)} + 2m_{001}^{(20)} m_{001}^{(22)} m_{110}^{(10)} m_{120}^{(10)} \\
&-2m_{001}^{(20)} m_{001}^{(22)} m_{110}^{(11)} m_{210}^{(10)} + m_{001}^{(20)} m_{001}^{(22)} m_{020}^{(00)} m_{210}^{(11)} - m_{001}^{(20)} m_{001}^{(22)} m_{020}^{(10)} m_{300}^{(11)} \\
&-m_{001}^{(20)} m_{001}^{(22)} m_{020}^{(10)} m_{210}^{(10)} + m_{001}^{(20)} m_{001}^{(22)} m_{020}^{(11)} m_{300}^{(10)} + (m_{001}^{(21)})^2 m_{200}^{(00)} m_{030}^{(20)} \\
&+(m_{001}^{(21)})^2 m_{200}^{(00)} m_{021}^{(10)} - (m_{001}^{(21)})^2 m_{200}^{(10)} m_{120}^{(20)} - (m_{001}^{(21)})^2 m_{200}^{(10)} m_{111}^{(10)} \\
&-(m_{001}^{(21)})^2 m_{200}^{(10)} m_{021}^{(00)} + (m_{001}^{(21)})^2 m_{200}^{(11)} m_{111}^{(00)} - (m_{001}^{(21)})^2 m_{200}^{(20)} m_{030}^{(00)} \\
&+(m_{001}^{(21)})^2 m_{200}^{(21)} m_{120}^{(00)} - 2(m_{001}^{(21)})^2 m_{110}^{(00)} m_{120}^{(20)} - (m_{001}^{(21)})^2 m_{110}^{(00)} m_{111}^{(10)} \\
&+2(m_{001}^{(21)})^2 m_{110}^{(10)} m_{210}^{(20)} + (m_{001}^{(21)})^2 m_{110}^{(10)} m_{201}^{(10)} + (m_{001}^{(21)})^2 m_{110}^{(10)} m_{111}^{(00)} \\
&-(m_{001}^{(21)})^2 m_{110}^{(11)} m_{201}^{(00)} + 2(m_{001}^{(21)})^2 m_{110}^{(20)} m_{120}^{(00)} - 2(m_{001}^{(21)})^2 m_{110}^{(21)} m_{210}^{(00)} \\
&-(m_{001}^{(21)})^2 m_{101}^{(00)} m_{120}^{(10)} + (m_{001}^{(21)})^2 m_{101}^{(10)} m_{210}^{(10)} + (m_{001}^{(21)})^2 m_{101}^{(10)} m_{120}^{(00)} \\
&-(m_{001}^{(21)})^2 m_{101}^{(11)} m_{210}^{(00)} + (m_{001}^{(21)})^2 m_{020}^{(00)} m_{210}^{(20)} - (m_{001}^{(21)})^2 m_{020}^{(10)} m_{300}^{(20)} \\
&-(m_{001}^{(21)})^2 m_{020}^{(20)} m_{210}^{(00)} + (m_{001}^{(21)})^2 m_{020}^{(21)} m_{300}^{(00)} + (m_{001}^{(21)})^2 m_{011}^{(00)} m_{210}^{(10)} \\
&-(m_{001}^{(21)})^2 m_{011}^{(10)} m_{300}^{(10)} - (m_{001}^{(21)})^2 m_{011}^{(10)} m_{210}^{(00)} + (m_{001}^{(21)})^2 m_{011}^{(11)} m_{300}^{(00)}
\end{aligned}
$$

$$
\begin{array}{l}
-m_{001}^{(21)} m_{001}^{(22)} m_{200}^{(00)} m_{030}^{(10)} + m_{001}^{(21)} m_{001}^{(22)} m_{200}^{(10)} m_{120}^{(10)} + m_{001}^{(21)} m_{001}^{(22)} m_{200}^{(10)} m_{030}^{(00)} \\
-m_{001}^{(21)} m_{001}^{(22)} m_{200}^{(11)} m_{120}^{(00)} + 2m_{001}^{(21)} m_{001}^{(22)} m_{110}^{(00)} m_{120}^{(10)} - 2m_{001}^{(21)} m_{001}^{(22)} m_{110}^{(10)} m_{210}^{(10)} \\
-2m_{001}^{(21)} m_{001}^{(22)} m_{110}^{(10)} m_{120}^{(00)} + 2m_{001}^{(21)} m_{001}^{(22)} m_{110}^{(11)} m_{210}^{(00)} - m_{001}^{(21)} m_{001}^{(22)} m_{020}^{(00)} m_{210}^{(10)} \\
+m_{001}^{(21)} m_{001}^{(22)} m_{020}^{(10)} m_{300}^{(10)} + m_{001}^{(21)} m_{001}^{(22)} m_{020}^{(10)} m_{210}^{(00)} - m_{001}^{(21)} m_{001}^{(22)} m_{020}^{(11)} m_{300}^{(00)}
\end{array}
$$

Generating graph:

$V1$	1	1	1	$V1$
$V2$	2	$V2$	2	3
$V3$	$V3$	$V4$	4	$V4$



$$
\begin{array}{rcl}
T_{102} & = & -m_{100}^{(00)} m_{100}^{(10)} m_{020}^{(21)} m_{012}^{(22)} + m_{100}^{(00)} m_{100}^{(10)} m_{020}^{(21)} m_{003}^{(21)} + m_{100}^{(00)} m_{100}^{(10)} m_{020}^{(22)} m_{021}^{(22)} \\
& & -m_{100}^{(00)} m_{100}^{(10)} m_{020}^{(22)} m_{012}^{(21)} + m_{100}^{(00)} m_{100}^{(10)} m_{011}^{(11)} m_{012}^{(22)} - m_{100}^{(00)} m_{100}^{(10)} m_{011}^{(11)} m_{003}^{(21)} \\
& & -m_{100}^{(00)} m_{100}^{(10)} m_{011}^{(22)} m_{030}^{(22)} + m_{100}^{(00)} m_{100}^{(10)} m_{011}^{(22)} m_{021}^{(21)} - m_{100}^{(00)} m_{100}^{(10)} m_{002}^{(11)} m_{021}^{(22)} \\
& & +m_{100}^{(00)} m_{100}^{(10)} m_{002}^{(11)} m_{012}^{(21)} + m_{100}^{(00)} m_{100}^{(10)} m_{002}^{(21)} m_{030}^{(22)} - m_{100}^{(00)} m_{100}^{(10)} m_{002}^{(21)} m_{021}^{(21)} \\
& & +m_{100}^{(00)} m_{100}^{(11)} m_{020}^{(21)} m_{102}^{(22)} - m_{100}^{(00)} m_{100}^{(11)} m_{020}^{(21)} m_{003}^{(20)} - m_{100}^{(00)} m_{100}^{(11)} m_{020}^{(22)} m_{111}^{(22)} \\
& & +m_{100}^{(00)} m_{100}^{(11)} m_{020}^{(22)} m_{012}^{(20)} - m_{100}^{(00)} m_{100}^{(11)} m_{011}^{(11)} m_{102}^{(22)} + m_{100}^{(00)} m_{100}^{(11)} m_{011}^{(11)} m_{003}^{(20)} \\
& & +m_{100}^{(00)} m_{100}^{(11)} m_{011}^{(22)} m_{120}^{(22)} - m_{100}^{(00)} m_{100}^{(11)} m_{011}^{(22)} m_{021}^{(20)} + m_{100}^{(00)} m_{100}^{(11)} m_{002}^{(11)} m_{111}^{(22)} \\
& & -m_{100}^{(00)} m_{100}^{(11)} m_{002}^{(11)} m_{012}^{(20)} - m_{100}^{(00)} m_{100}^{(11)} m_{002}^{(21)} m_{120}^{(22)} + m_{100}^{(00)} m_{100}^{(11)} m_{002}^{(21)} m_{021}^{(20)} \\
& & +m_{100}^{(00)} m_{100}^{(20)} m_{020}^{(21)} m_{012}^{(21)} - m_{100}^{(00)} m_{100}^{(20)} m_{020}^{(21)} m_{003}^{(11)} - m_{100}^{(00)} m_{100}^{(20)} m_{020}^{(22)} m_{021}^{(21)} \\
& & +m_{100}^{(00)} m_{100}^{(20)} m_{020}^{(22)} m_{012}^{(11)} - m_{100}^{(00)} m_{100}^{(20)} m_{011}^{(11)} m_{012}^{(21)} + m_{100}^{(00)} m_{100}^{(20)} m_{011}^{(11)} m_{003}^{(11)} \\
& & +m_{100}^{(00)} m_{100}^{(20)} m_{011}^{(22)} m_{030}^{(21)} - m_{100}^{(00)} m_{100}^{(20)} m_{011}^{(22)} m_{021}^{(11)} + m_{100}^{(00)} m_{100}^{(20)} m_{002}^{(11)} m_{021}^{(21)} \\
& & -m_{100}^{(00)} m_{100}^{(20)} m_{002}^{(11)} m_{012}^{(11)} - m_{100}^{(00)} m_{100}^{(20)} m_{002}^{(21)} m_{030}^{(21)} + m_{100}^{(00)} m_{100}^{(20)} m_{002}^{(21)} m_{021}^{(11)} \\
& & -2m_{100}^{(00)} m_{100}^{(21)} m_{020}^{(21)} m_{102}^{(21)} + m_{100}^{(00)} m_{100}^{(21)} m_{020}^{(21)} m_{012}^{(20)} + m_{100}^{(00)} m_{100}^{(21)} m_{020}^{(21)} m_{003}^{(10)} \\
& & +2m_{100}^{(00)} m_{100}^{(21)} m_{020}^{(22)} m_{111}^{(21)} - m_{100}^{(00)} m_{100}^{(21)} m_{020}^{(22)} m_{021}^{(20)} - m_{100}^{(00)} m_{100}^{(21)} m_{020}^{(22)} m_{012}^{(10)} \\
& & +2m_{100}^{(00)} m_{100}^{(21)} m_{011}^{(11)} m_{102}^{(21)} - m_{100}^{(00)} m_{100}^{(21)} m_{011}^{(11)} m_{012}^{(20)} - m_{100}^{(00)} m_{100}^{(21)} m_{011}^{(11)} m_{003}^{(10)} \\
& & -2m_{100}^{(00)} m_{100}^{(21)} m_{011}^{(22)} m_{120}^{(21)} + m_{100}^{(00)} m_{100}^{(21)} m_{011}^{(22)} m_{030}^{(20)} + m_{100}^{(00)} m_{100}^{(21)} m_{011}^{(22)} m_{021}^{(10)} \\
& & -2m_{100}^{(00)} m_{100}^{(21)} m_{002}^{(11)} m_{111}^{(21)} + m_{100}^{(00)} m_{100}^{(21)} m_{002}^{(11)} m_{021}^{(20)} + m_{100}^{(00)} m_{100}^{(21)} m_{002}^{(11)} m_{012}^{(10)} \\
& & +2m_{100}^{(00)} m_{100}^{(21)} m_{002}^{(21)} m_{120}^{(21)} - m_{100}^{(00)} m_{100}^{(21)} m_{002}^{(21)} m_{030}^{(20)} - m_{100}^{(00)} m_{100}^{(21)} m_{002}^{(21)} m_{021}^{(10)} \\
& & +m_{100}^{(00)} m_{100}^{(22)} m_{020}^{(21)} m_{102}^{(11)} - m_{100}^{(00)} m_{100}^{(22)} m_{020}^{(21)} m_{012}^{(10)} - m_{100}^{(00)} m_{100}^{(22)} m_{020}^{(22)} m_{111}^{(11)}
\end{array}
$$

$$
\begin{aligned}
&+m_{100}^{(00)}m_{100}^{(22)}m_{020}^{(22)}m_{021}^{(10)} - m_{100}^{(00)}m_{100}^{(22)}m_{011}^{(11)}m_{102}^{(11)} + m_{100}^{(00)}m_{100}^{(22)}m_{011}^{(11)}m_{012}^{(10)}\\
&+m_{100}^{(00)}m_{100}^{(22)}m_{011}^{(22)}m_{120}^{(11)} - m_{100}^{(00)}m_{100}^{(22)}m_{011}^{(22)}m_{030}^{(10)} + m_{100}^{(00)}m_{100}^{(22)}m_{002}^{(11)}m_{111}^{(11)}\\
&-m_{100}^{(00)}m_{100}^{(22)}m_{002}^{(11)}m_{021}^{(10)} - m_{100}^{(00)}m_{100}^{(22)}m_{002}^{(21)}m_{120}^{(11)} + m_{100}^{(00)}m_{100}^{(22)}m_{002}^{(21)}m_{030}^{(10)}\\
&+m_{100}^{(00)}m_{010}^{(00)}m_{020}^{(21)}m_{012}^{(22)} - m_{100}^{(00)}m_{010}^{(00)}m_{020}^{(21)}m_{003}^{(21)} - m_{100}^{(00)}m_{010}^{(00)}m_{020}^{(22)}m_{021}^{(22)}\\
&+m_{100}^{(00)}m_{010}^{(00)}m_{020}^{(22)}m_{012}^{(21)} - m_{100}^{(00)}m_{010}^{(00)}m_{011}^{(11)}m_{012}^{(22)} + m_{100}^{(00)}m_{010}^{(00)}m_{011}^{(11)}m_{003}^{(21)}\\
&+m_{100}^{(00)}m_{010}^{(00)}m_{011}^{(22)}m_{030}^{(22)} - m_{100}^{(00)}m_{010}^{(00)}m_{011}^{(22)}m_{021}^{(21)} + m_{100}^{(00)}m_{010}^{(00)}m_{002}^{(11)}m_{021}^{(22)}\\
&-m_{100}^{(00)}m_{010}^{(00)}m_{002}^{(11)}m_{012}^{(21)} - m_{100}^{(00)}m_{010}^{(00)}m_{002}^{(21)}m_{030}^{(22)} + m_{100}^{(00)}m_{010}^{(00)}m_{002}^{(21)}m_{021}^{(21)}\\
&-m_{100}^{(00)}m_{010}^{(10)}m_{020}^{(21)}m_{102}^{(22)} + m_{100}^{(00)}m_{010}^{(10)}m_{021}^{(21)}m_{003}^{(20)} + m_{100}^{(00)}m_{010}^{(10)}m_{020}^{(22)}m_{111}^{(22)}\\
&-m_{100}^{(00)}m_{010}^{(10)}m_{020}^{(22)}m_{012}^{(20)} + m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(11)}m_{102}^{(22)} - m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(11)}m_{003}^{(20)}\\
&-m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(22)}m_{120}^{(22)} + m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(22)}m_{021}^{(20)} - m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(11)}m_{111}^{(22)}\\
&+m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(11)}m_{012}^{(20)} + m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(21)}m_{120}^{(22)} - m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(21)}m_{021}^{(20)}\\
&+m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(21)}m_{102}^{(21)} - 2m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(21)}m_{012}^{(20)} + m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(21)}m_{003}^{(10)}\\
&-m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(22)}m_{111}^{(21)} + 2m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(22)}m_{021}^{(20)} - m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(22)}m_{012}^{(10)}\\
&-m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{102}^{(21)} + 2m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{012}^{(20)} - m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{003}^{(10)}\\
&+m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(22)}m_{120}^{(21)} - 2m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(22)}m_{030}^{(20)} + m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(22)}m_{021}^{(10)}\\
&+m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(11)}m_{111}^{(21)} - 2m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(11)}m_{021}^{(20)} + m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(11)}m_{012}^{(10)}\\
&-m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{120}^{(21)} + 2m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{030}^{(20)} - m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{021}^{(10)}\\
&+m_{100}^{(00)}m_{010}^{(21)}m_{020}^{(21)}m_{102}^{(20)} - m_{100}^{(00)}m_{010}^{(21)}m_{020}^{(21)}m_{003}^{(00)} - m_{100}^{(00)}m_{010}^{(21)}m_{020}^{(22)}m_{111}^{(20)}\\
&+m_{100}^{(00)}m_{010}^{(21)}m_{020}^{(22)}m_{012}^{(00)} - m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(11)}m_{102}^{(20)} + m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(11)}m_{003}^{(00)}\\
&+m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{120}^{(20)} - m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{021}^{(00)} + m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(11)}m_{111}^{(20)}\\
&-m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(11)}m_{012}^{(00)} - m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(21)}m_{120}^{(20)} + m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(21)}m_{021}^{(00)}\\
&-m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(21)}m_{102}^{(10)} + m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(21)}m_{012}^{(00)} + m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(22)}m_{111}^{(10)}\\
&-m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(22)}m_{021}^{(00)} + m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(11)}m_{102}^{(10)} - m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(11)}m_{012}^{(00)}\\
&-m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(22)}m_{120}^{(10)} + m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(22)}m_{030}^{(00)} - m_{100}^{(00)}m_{010}^{(22)}m_{002}^{(11)}m_{111}^{(10)}\\
&+m_{100}^{(00)}m_{010}^{(22)}m_{002}^{(11)}m_{021}^{(00)} + m_{100}^{(00)}m_{010}^{(22)}m_{002}^{(21)}m_{120}^{(10)} - m_{100}^{(00)}m_{010}^{(22)}m_{002}^{(21)}m_{030}^{(00)}\\
&-m_{100}^{(00)}m_{001}^{(00)}m_{020}^{(21)}m_{012}^{(21)} + m_{100}^{(00)}m_{001}^{(00)}m_{020}^{(21)}m_{003}^{(11)} + m_{100}^{(00)}m_{001}^{(00)}m_{020}^{(22)}m_{021}^{(21)}\\
&-m_{100}^{(00)}m_{001}^{(00)}m_{020}^{(22)}m_{012}^{(11)} + m_{100}^{(00)}m_{001}^{(00)}m_{011}^{(11)}m_{012}^{(21)} - m_{100}^{(00)}m_{001}^{(00)}m_{011}^{(11)}m_{003}^{(11)}\\
&-m_{100}^{(00)}m_{001}^{(00)}m_{011}^{(22)}m_{030}^{(21)} + m_{100}^{(00)}m_{001}^{(00)}m_{011}^{(22)}m_{021}^{(11)} - m_{100}^{(00)}m_{001}^{(00)}m_{002}^{(11)}m_{021}^{(21)}\\
&+m_{100}^{(00)}m_{001}^{(00)}m_{002}^{(11)}m_{012}^{(11)} + m_{100}^{(00)}m_{001}^{(00)}m_{002}^{(21)}m_{030}^{(21)} - m_{100}^{(00)}m_{001}^{(00)}m_{002}^{(21)}m_{021}^{(11)}\\
&+m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{102}^{(21)} + m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{012}^{(20)} - 2m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{003}^{(10)}\\
&-m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{111}^{(21)} - m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{021}^{(20)} + 2m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{012}^{(10)}\\
&-m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{102}^{(21)} - m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{012}^{(20)} + 2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{003}^{(10)}\\
&+m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{120}^{(21)} + m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{030}^{(20)} - 2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{021}^{(10)}\\
&+m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{111}^{(21)} + m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{021}^{(20)} - 2m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{012}^{(10)}\\
&-m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{120}^{(21)} - m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{030}^{(20)} + 2m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{021}^{(10)}\\
&-m_{100}^{(00)}m_{001}^{(11)}m_{020}^{(21)}m_{102}^{(20)} + m_{100}^{(00)}m_{001}^{(11)}m_{020}^{(21)}m_{003}^{(00)} + m_{100}^{(00)}m_{001}^{(11)}m_{020}^{(22)}m_{111}^{(20)}\\
&-m_{100}^{(00)}m_{001}^{(11)}m_{020}^{(22)}m_{012}^{(00)} + m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(11)}m_{102}^{(20)} - m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(11)}m_{003}^{(00)}\\
&-m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(22)}m_{120}^{(20)} + m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(22)}m_{021}^{(00)} - m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(11)}m_{111}^{(20)}
\end{aligned}
$$

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\begin{aligned}
&+m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(11)}m_{012}^{(00)} + m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{120}^{(20)} - m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{021}^{(00)}\\
&-m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{102}^{(11)} + m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{012}^{(10)} + m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(22)}m_{111}^{(11)}\\
&-m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(22)}m_{021}^{(10)} + m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{102}^{(11)} - m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{012}^{(10)}\\
&-m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(22)}m_{120}^{(11)} + m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(22)}m_{030}^{(10)} - m_{100}^{(00)}m_{001}^{(20)}m_{002}^{(11)}m_{111}^{(11)}\\
&+m_{100}^{(00)}m_{001}^{(20)}m_{002}^{(11)}m_{021}^{(10)} + m_{100}^{(00)}m_{001}^{(20)}m_{002}^{(21)}m_{120}^{(11)} - m_{100}^{(00)}m_{001}^{(20)}m_{002}^{(21)}m_{030}^{(10)}\\
&+m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{102}^{(10)} - m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{012}^{(00)} - m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{111}^{(10)}\\
&+m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{021}^{(00)} - m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{102}^{(10)} + m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{012}^{(00)}\\
&+m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(22)}m_{120}^{(10)} - m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(22)}m_{030}^{(00)} + m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(11)}m_{111}^{(10)}\\
&-m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(11)}m_{021}^{(00)} - m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(21)}m_{120}^{(10)} + m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(21)}m_{030}^{(00)}\\
&+(m_{100}^{(10)})^2m_{110}^{(21)}m_{012}^{(22)} - (m_{100}^{(10)})^2m_{110}^{(21)}m_{003}^{(21)} - (m_{100}^{(10)})^2m_{110}^{(22)}m_{021}^{(22)}\\
&+(m_{100}^{(10)})^2m_{110}^{(22)}m_{012}^{(21)} - (m_{100}^{(10)})^2m_{101}^{(11)}m_{012}^{(22)} + (m_{100}^{(10)})^2m_{101}^{(11)}m_{003}^{(21)}\\
&+(m_{100}^{(10)})^2m_{101}^{(21)}m_{021}^{(22)} - (m_{100}^{(10)})^2m_{101}^{(21)}m_{012}^{(21)} + (m_{100}^{(10)})^2m_{020}^{(20)}m_{012}^{(22)}\\
&-(m_{100}^{(10)})^2m_{020}^{(20)}m_{003}^{(21)} - (m_{100}^{(10)})^2m_{020}^{(22)}m_{111}^{(22)} + (m_{100}^{(10)})^2m_{020}^{(22)}m_{102}^{(21)}\\
&-(m_{100}^{(10)})^2m_{011}^{(10)}m_{012}^{(22)} + (m_{100}^{(10)})^2m_{011}^{(10)}m_{003}^{(21)} - (m_{100}^{(10)})^2m_{011}^{(20)}m_{021}^{(22)}\\
&+(m_{100}^{(10)})^2m_{011}^{(20)}m_{012}^{(21)} + 2(m_{100}^{(10)})^2m_{011}^{(22)}m_{120}^{(22)} - 2(m_{100}^{(10)})^2m_{011}^{(22)}m_{111}^{(21)}\\
&+(m_{100}^{(10)})^2m_{002}^{(10)}m_{021}^{(22)} - (m_{100}^{(10)})^2m_{002}^{(10)}m_{012}^{(21)} + (m_{100}^{(10)})^2m_{002}^{(11)}m_{111}^{(22)}\\
&-(m_{100}^{(10)})^2m_{002}^{(11)}m_{102}^{(21)} - 2(m_{100}^{(10)})^2m_{002}^{(21)}m_{120}^{(22)} + 2(m_{100}^{(10)})^2m_{002}^{(21)}m_{111}^{(21)}\\
&-m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(20)}m_{012}^{(22)} + m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(20)}m_{003}^{(21)} - m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(21)}m_{102}^{(22)}\\
&+m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(21)}m_{003}^{(20)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(22)}m_{111}^{(22)} - m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(22)}m_{102}^{(21)}\\
&-m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(22)}m_{012}^{(20)} + m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(10)}m_{012}^{(22)} - m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(10)}m_{003}^{(21)}\\
&+m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(11)}m_{102}^{(22)} - m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(11)}m_{003}^{(20)} - 2m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(21)}m_{111}^{(22)}\\
&+m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(21)}m_{102}^{(21)} + m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(21)}m_{012}^{(20)} - m_{100}^{(10)}m_{100}^{(11)}m_{020}^{(20)}m_{102}^{(22)}\\
&+m_{100}^{(10)}m_{100}^{(11)}m_{020}^{(20)}m_{003}^{(20)} + m_{100}^{(10)}m_{100}^{(11)}m_{020}^{(22)}m_{201}^{(22)} - m_{100}^{(10)}m_{100}^{(11)}m_{020}^{(22)}m_{102}^{(20)}\\
&+m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(10)}m_{102}^{(22)} - m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(10)}m_{003}^{(20)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(20)}m_{111}^{(22)}\\
&-m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(20)}m_{102}^{(21)} - m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(20)}m_{012}^{(20)} - 3m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(22)}m_{210}^{(22)}\\
&+m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(22)}m_{201}^{(21)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(22)}m_{111}^{(20)} - 2m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(10)}m_{111}^{(22)}\\
&+m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(10)}m_{102}^{(21)} + m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(10)}m_{012}^{(20)} - m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(11)}m_{201}^{(22)}\\
&+m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(11)}m_{102}^{(20)} + 3m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(21)}m_{210}^{(22)} - m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(21)}m_{201}^{(21)}\\
&-2m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(21)}m_{111}^{(20)} - m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{021}^{(22)} + m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{003}^{(11)}\\
&+m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(22)}m_{030}^{(22)} - m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(22)}m_{012}^{(11)} + m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(11)}m_{021}^{(22)}\\
&-m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(11)}m_{003}^{(11)} - m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{030}^{(22)} + m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{012}^{(11)}\\
&-m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(20)}m_{021}^{(22)} + m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(20)}m_{003}^{(11)} + 2m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(21)}m_{111}^{(22)}\\
&-2m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(21)}m_{102}^{(21)} - m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(22)}m_{120}^{(22)} + 2m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(22)}m_{111}^{(21)}\\
&-m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(22)}m_{102}^{(11)} + m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(10)}m_{021}^{(22)} - m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(10)}m_{003}^{(11)}\\
&-2m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(11)}m_{111}^{(22)} + 2m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(11)}m_{102}^{(21)} + m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(20)}m_{030}^{(22)}\\
&-m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(20)}m_{012}^{(11)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(22)}m_{120}^{(21)} + 2m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(22)}m_{111}^{(11)}\\
&-m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(10)}m_{030}^{(22)} + m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(10)}m_{012}^{(11)} + m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(11)}m_{120}^{(22)}\\
&-2m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(11)}m_{111}^{(21)} + m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(11)}m_{102}^{(11)} + 2m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(21)}m_{120}^{(21)}
\end{aligned}
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\begin{aligned}
&-2m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(21)}m_{111}^{(11)}+2m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(20)}m_{021}^{(22)}-2m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(20)}m_{012}^{(21)}\\
&-m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{111}^{(22)}+3m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{102}^{(21)}-m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{012}^{(20)}\\
&-m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{003}^{(10)}-m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(22)}m_{120}^{(22)}-m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(22)}m_{111}^{(21)}\\
&+m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(22)}m_{021}^{(20)}+m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(22)}m_{012}^{(10)}-2m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(10)}m_{021}^{(22)}\\
&+2m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(10)}m_{012}^{(21)}+m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(11)}m_{111}^{(22)}-3m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(11)}m_{102}^{(21)}\\
&+m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(11)}m_{012}^{(20)}+m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(11)}m_{003}^{(10)}+m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{120}^{(22)}\\
&+m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{111}^{(21)}-m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{021}^{(20)}-m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{012}^{(10)}\\
&-m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(20)}m_{111}^{(22)}+3m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(20)}m_{102}^{(21)}-m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(20)}m_{012}^{(20)}\\
&-m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(20)}m_{003}^{(10)}+m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(22)}m_{210}^{(22)}-3m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(22)}m_{201}^{(21)}\\
&+m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(22)}m_{111}^{(20)}+m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(22)}m_{102}^{(10)}+m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{111}^{(22)}\\
&-3m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{102}^{(21)}+m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{012}^{(20)}+m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{003}^{(10)}\\
&-m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{120}^{(22)}-m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{111}^{(21)}+m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{021}^{(20)}\\
&+m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{012}^{(10)}+4m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(22)}m_{210}^{(21)}-2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(22)}m_{120}^{(20)}\\
&-2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(22)}m_{111}^{(10)}+m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{120}^{(22)}+m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{111}^{(21)}\\
&-m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{021}^{(20)}-m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{012}^{(10)}-m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(11)}m_{210}^{(22)}\\
&+3m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(11)}m_{201}^{(21)}-m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(11)}m_{111}^{(20)}-m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(11)}m_{102}^{(10)}\\
&-4m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(21)}m_{210}^{(21)}+2m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(21)}m_{120}^{(20)}+2m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(21)}m_{111}^{(10)}\\
&-m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(20)}m_{030}^{(22)}+m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(20)}m_{021}^{(21)}+m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{120}^{(22)}\\
&-m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{111}^{(21)}-m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{102}^{(11)}+m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{012}^{(10)}\\
&+m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(22)}m_{111}^{(11)}-m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(22)}m_{021}^{(10)}+m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(10)}m_{030}^{(22)}\\
&-m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(10)}m_{021}^{(21)}-m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(11)}m_{120}^{(22)}+m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(11)}m_{111}^{(21)}\\
&+m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(11)}m_{102}^{(11)}-m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(11)}m_{012}^{(10)}-m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(21)}m_{111}^{(11)}\\
&+m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(21)}m_{021}^{(10)}+m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(20)}m_{120}^{(22)}-m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(20)}m_{111}^{(21)}\\
&-m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(20)}m_{102}^{(11)}+m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(20)}m_{012}^{(10)}-m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(21)}m_{210}^{(22)}\\
&+m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(21)}m_{201}^{(21)}+m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(22)}m_{201}^{(11)}-m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(22)}m_{111}^{(10)}\\
&-m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(10)}m_{120}^{(22)}+m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(10)}m_{111}^{(21)}+m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(10)}m_{102}^{(11)}\\
&-m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(10)}m_{012}^{(10)}+m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(11)}m_{210}^{(22)}-m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(11)}m_{201}^{(21)}\\
&+m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(20)}m_{111}^{(11)}-m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(20)}m_{021}^{(10)}-2m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(22)}m_{210}^{(11)}\\
&+2m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(22)}m_{120}^{(10)}-m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(10)}m_{111}^{(11)}+m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(10)}m_{021}^{(10)}\\
&-m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(11)}m_{201}^{(11)}+m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(11)}m_{111}^{(10)}+2m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(21)}m_{210}^{(11)}\\
&-2m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(21)}m_{120}^{(10)}+m_{100}^{(10)}m_{010}^{(00)}m_{101}^{(11)}m_{012}^{(22)}-m_{100}^{(10)}m_{010}^{(00)}m_{101}^{(11)}m_{003}^{(21)}\\
&-2m_{100}^{(10)}m_{010}^{(00)}m_{101}^{(21)}m_{021}^{(22)}+2m_{100}^{(10)}m_{010}^{(00)}m_{101}^{(21)}m_{012}^{(21)}+m_{100}^{(10)}m_{010}^{(00)}m_{101}^{(22)}m_{030}^{(22)}\\
&-m_{100}^{(10)}m_{010}^{(00)}m_{101}^{(22)}m_{021}^{(21)}-m_{100}^{(10)}m_{010}^{(00)}m_{020}^{(20)}m_{012}^{(22)}+m_{100}^{(10)}m_{010}^{(00)}m_{020}^{(20)}m_{003}^{(21)}\\
&+m_{100}^{(10)}m_{010}^{(00)}m_{020}^{(22)}m_{111}^{(22)}-m_{100}^{(10)}m_{010}^{(00)}m_{020}^{(22)}m_{102}^{(21)}+2m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(20)}m_{021}^{(22)}\\
&-2m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(20)}m_{012}^{(21)}-2m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(22)}m_{120}^{(22)}+2m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(22)}m_{111}^{(21)}\\
&-m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(11)}m_{111}^{(22)}+m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(11)}m_{102}^{(21)}-m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(20)}m_{030}^{(22)}\\
&+m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(20)}m_{021}^{(21)}+2m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(21)}m_{120}^{(22)}-2m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(21)}m_{111}^{(21)}\\
&-m_{100}^{(10)}m_{010}^{(10)}m_{200}^{(21)}m_{012}^{(22)}+m_{100}^{(10)}m_{010}^{(10)}m_{200}^{(21)}m_{003}^{(21)}+m_{100}^{(10)}m_{010}^{(10)}m_{200}^{(22)}m_{021}^{(22)}
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&-m_{100}^{(10)}m_{010}^{(10)}m_{200}^{(22)}m_{012}^{(21)} - m_{100}^{(10)}m_{010}^{(10)}m_{110}^{(20)}m_{012}^{(22)} + m_{100}^{(10)}m_{010}^{(10)}m_{110}^{(20)}m_{003}^{(21)}\\
&+m_{100}^{(10)}m_{010}^{(10)}m_{110}^{(21)}m_{102}^{(22)} - m_{100}^{(10)}m_{010}^{(10)}m_{110}^{(21)}m_{003}^{(20)} - m_{100}^{(10)}m_{010}^{(10)}m_{110}^{(22)}m_{102}^{(21)}\\
&+m_{100}^{(10)}m_{010}^{(10)}m_{110}^{(22)}m_{012}^{(20)} + m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(10)}m_{012}^{(22)} - m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(10)}m_{003}^{(21)}\\
&-m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(11)}m_{102}^{(22)} + m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(11)}m_{003}^{(20)} + 2m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(22)}\\
&-m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(21)}m_{102}^{(21)} - m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(21)}m_{012}^{(20)} - 2m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{120}^{(22)}\\
&+2m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{111}^{(21)} + m_{100}^{(10)}m_{010}^{(10)}m_{020}^{(20)}m_{102}^{(22)} - m_{100}^{(10)}m_{010}^{(10)}m_{020}^{(20)}m_{003}^{(20)}\\
&-m_{100}^{(10)}m_{010}^{(10)}m_{020}^{(22)}m_{201}^{(22)} + m_{100}^{(10)}m_{010}^{(10)}m_{020}^{(22)}m_{102}^{(20)} + m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(22)}m_{012}^{(22)}\\
&-m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(00)}m_{003}^{(21)} - m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(10)}m_{102}^{(22)} + m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(10)}m_{003}^{(20)}\\
&-2m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(20)}m_{111}^{(22)} + m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(20)}m_{102}^{(21)} + m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(20)}m_{012}^{(20)}\\
&+2m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(22)}m_{210}^{(22)} - 2m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(22)}m_{111}^{(20)} - m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(00)}m_{021}^{(22)}\\
&+m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(00)}m_{012}^{(21)} + m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(10)}m_{102}^{(21)} - m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(10)}m_{012}^{(20)}\\
&+m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(11)}m_{201}^{(22)} - m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(11)}m_{102}^{(20)} + 2m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(20)}m_{120}^{(22)}\\
&-2m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(20)}m_{111}^{(21)} - 2m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(21)}m_{210}^{(22)} + 2m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(21)}m_{111}^{(20)}\\
&+m_{100}^{(10)}m_{010}^{(11)}m_{200}^{(20)}m_{012}^{(22)} - m_{100}^{(10)}m_{010}^{(11)}m_{200}^{(20)}m_{003}^{(21)} - m_{100}^{(10)}m_{010}^{(11)}m_{200}^{(22)}m_{111}^{(22)}\\
&+m_{100}^{(10)}m_{010}^{(11)}m_{200}^{(22)}m_{102}^{(21)} - m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(00)}m_{012}^{(22)} + m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(00)}m_{003}^{(21)}\\
&+m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(22)}m_{210}^{(22)} - m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(22)}m_{201}^{(21)} + m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(00)}m_{111}^{(22)}\\
&-m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(00)}m_{102}^{(21)} - m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(20)}m_{210}^{(22)} + m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(20)}m_{201}^{(21)}\\
&+m_{100}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{021}^{(22)} - m_{100}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{012}^{(22)} - m_{100}^{(10)}m_{010}^{(20)}m_{200}^{(22)}m_{030}^{(22)}\\
&+m_{100}^{(10)}m_{010}^{(20)}m_{200}^{(22)}m_{021}^{(21)} + m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{021}^{(22)} - m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(21)}\\
&-2m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{111}^{(22)} + m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{102}^{(21)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{012}^{(20)}\\
&-m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{003}^{(10)} + m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{120}^{(22)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{021}^{(20)}\\
&+m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{012}^{(10)} - m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{021}^{(22)} + m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{012}^{(21)}\\
&+m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(11)}m_{102}^{(21)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(11)}m_{012}^{(20)} + m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(11)}m_{003}^{(10)}\\
&+m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{120}^{(22)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(21)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{021}^{(20)}\\
&-m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{012}^{(10)} - m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(20)}m_{102}^{(21)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(20)}m_{012}^{(20)}\\
&-m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(20)}m_{003}^{(10)} + m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(22)}m_{201}^{(21)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(22)}m_{111}^{(20)}\\
&+m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(22)}m_{102}^{(10)} - m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(00)}m_{021}^{(22)} + m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(00)}m_{012}^{(21)}\\
&+2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(22)} - m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{102}^{(21)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{012}^{(20)}\\
&+m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{003}^{(10)} - m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{120}^{(22)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(21)}\\
&-2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{021}^{(20)} + m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{012}^{(10)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{210}^{(21)}\\
&+4m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{120}^{(20)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{111}^{(10)} + m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(00)}m_{030}^{(22)}\\
&-m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(00)}m_{021}^{(21)} - m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{120}^{(22)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{021}^{(20)}\\
&-m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{012}^{(10)} - m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(11)}m_{201}^{(21)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(11)}m_{111}^{(20)}\\
&-m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(11)}m_{102}^{(10)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{210}^{(21)} - 4m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{120}^{(20)}\\
&+2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{111}^{(10)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(20)}m_{021}^{(22)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(21)}\\
&+m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(22)} - m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{102}^{(21)} + m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{120}^{(22)}\\
&-m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{111}^{(21)} + m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(22)} - m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(21)}\\
&-m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(21)}m_{102}^{(20)} + m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(21)}m_{003}^{(00)} - m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{210}^{(22)}
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&+m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{201}^{(21)}+m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{111}^{(20)}-m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{012}^{(00)}\\
&+2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(00)}m_{021}^{(22)}-2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(00)}m_{012}^{(21)}-m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(22)}\\
&+m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{102}^{(21)}+m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(11)}m_{102}^{(20)}-m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(11)}m_{003}^{(00)}\\
&-m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{210}^{(22)}+m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{201}^{(21)}-m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(20)}\\
&+m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{012}^{(00)}-m_{100}^{(10)}m_{010}^{(21)}m_{020}^{(20)}m_{102}^{(20)}+m_{100}^{(10)}m_{010}^{(21)}m_{020}^{(20)}m_{003}^{(00)}\\
&+m_{100}^{(10)}m_{010}^{(21)}m_{020}^{(22)}m_{201}^{(20)}-m_{100}^{(10)}m_{010}^{(21)}m_{020}^{(22)}m_{102}^{(00)}-m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(00)}m_{111}^{(22)}\\
&+m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(00)}m_{102}^{(21)}+m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(10)}m_{102}^{(20)}-m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(10)}m_{003}^{(00)}\\
&+m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(22)}-m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(21)}+m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{111}^{(20)}\\
&-m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{012}^{(00)}-2m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(22)}m_{210}^{(20)}+2m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(22)}m_{111}^{(00)}\\
&-m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(00)}m_{120}^{(22)}+m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(00)}m_{111}^{(21)}+m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{210}^{(22)}\\
&-m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{201}^{(21)}-m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{111}^{(20)}+m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{012}^{(00)}\\
&-m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(11)}m_{201}^{(20)}+m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(11)}m_{102}^{(00)}+2m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{210}^{(20)}\\
&-2m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{111}^{(00)}+m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(20)}m_{030}^{(22)}-m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(21)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(21)}m_{120}^{(22)}+m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(21)}-m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(20)}m_{110}^{(22)}m_{120}^{(21)}\\
&+m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(21)}+m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{210}^{(22)}-m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(21)}\\
&+m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{102}^{(10)}-m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{012}^{(00)}-m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(22)}m_{111}^{(10)}\\
&+m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(22)}m_{021}^{(00)}-m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(00)}m_{030}^{(22)}+m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(00)}m_{021}^{(21)}\\
&+m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{120}^{(22)}-m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(21)}-m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(11)}m_{102}^{(10)}\\
&+m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(11)}m_{012}^{(00)}+m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{111}^{(10)}-m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{021}^{(00)}\\
&+m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(20)}m_{102}^{(10)}-m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(20)}m_{012}^{(00)}-m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(22)}m_{201}^{(10)}\\
&+m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(22)}m_{111}^{(00)}+m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{120}^{(22)}-m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{111}^{(21)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{210}^{(22)}+m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{201}^{(21)}-m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{111}^{(10)}\\
&+m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{012}^{(00)}-m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{111}^{(10)}+m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{021}^{(00)}\\
&+2m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(22)}m_{210}^{(10)}-2m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(22)}m_{120}^{(00)}+m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(10)}m_{111}^{(10)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(10)}m_{021}^{(00)}+m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(11)}m_{201}^{(10)}-m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(11)}m_{111}^{(00)}\\
&-2m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(21)}m_{210}^{(10)}+2m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(21)}m_{120}^{(00)}-m_{100}^{(10)}m_{001}^{(00)}m_{110}^{(11)}m_{012}^{(22)}\\
&+m_{100}^{(10)}m_{001}^{(00)}m_{110}^{(11)}m_{003}^{(21)}+m_{100}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{021}^{(22)}-m_{100}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{003}^{(11)}\\
&-m_{100}^{(10)}m_{001}^{(00)}m_{110}^{(22)}m_{021}^{(21)}+m_{100}^{(10)}m_{001}^{(00)}m_{110}^{(22)}m_{012}^{(11)}+m_{100}^{(10)}m_{001}^{(00)}m_{101}^{(11)}m_{021}^{(22)}\\
&-2m_{100}^{(10)}m_{001}^{(00)}m_{101}^{(11)}m_{012}^{(21)}+m_{100}^{(10)}m_{001}^{(00)}m_{101}^{(11)}m_{003}^{(11)}-m_{100}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{030}^{(22)}\\
&+2m_{100}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(21)}-m_{100}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{012}^{(11)}+m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(10)}m_{012}^{(22)}\\
&-m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(10)}m_{003}^{(21)}-m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(20)}m_{021}^{(22)}+2m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(20)}m_{012}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(20)}m_{003}^{(11)}-m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(22)}m_{021}^{(21)}+m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(22)}m_{102}^{(11)}\\
&-m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{021}^{(22)}+m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{003}^{(11)}+m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{030}^{(22)}\\
&-2m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(21)}+m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{012}^{(11)}+2m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(22)}m_{120}^{(21)}\\
&-2m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(22)}m_{111}^{(11)}+m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{021}^{(21)}-m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{012}^{(11)}\\
&+m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(11)}m_{111}^{(21)}-m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(11)}m_{102}^{(11)}-2m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{120}^{(21)}\\
&+2m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{111}^{(11)}+m_{100}^{(10)}m_{001}^{(10)}m_{200}^{(11)}m_{012}^{(22)}-m_{100}^{(10)}m_{001}^{(10)}m_{200}^{(11)}m_{003}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(22)}+m_{100}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(21)}+m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(22)}
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&-m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(21)} - m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(22)} - m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(20)}\\
&+2m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{003}^{(10)} + m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(21)} + m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{021}^{(20)}\\
&-2m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{012}^{(10)} - m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(22)} + m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(22)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{102}^{(21)} + m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{012}^{(20)}\\
&-2m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{003}^{(10)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(22)} - 3m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(20)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{012}^{(10)} - m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(00)}m_{012}^{(22)}\\
&+m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(00)}m_{003}^{(21)} + m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{111}^{(22)} - 2m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{012}^{(20)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{003}^{(10)} + m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(22)}m_{201}^{(21)}\\
&+m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(22)}m_{111}^{(20)} - 2m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(22)}m_{102}^{(10)} + m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{021}^{(22)}\\
&-m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{012}^{(21)} + m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(22)} + m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{012}^{(20)}\\
&-2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{003}^{(10)} - 2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(22)} + 3m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(21)}\\
&+m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{021}^{(20)} - 2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{012}^{(10)} - 2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{210}^{(21)}\\
&-2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{120}^{(20)} + 4m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{111}^{(10)} - m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{021}^{(20)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{012}^{(10)} - m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(11)}m_{201}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(11)}m_{111}^{(20)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(11)}m_{102}^{(10)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{210}^{(21)}\\
&+2m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{120}^{(20)} - 4m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{111}^{(10)} - m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(22)}\\
&+m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(10)}m_{003}^{(21)} + m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{111}^{(22)} - m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(21)}\\
&+m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(00)}m_{012}^{(22)} - m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(00)}m_{003}^{(21)} - m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(22)}\\
&+m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(21)} + m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(21)}m_{102}^{(20)} - m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(21)}m_{003}^{(00)}\\
&-m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{111}^{(20)} + m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{012}^{(00)} + m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(22)}\\
&-m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(21)} - m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(11)}m_{102}^{(20)} + m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(11)}m_{003}^{(00)}\\
&-m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{210}^{(22)} + m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(21)} + m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(20)}\\
&-m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{012}^{(00)} + m_{100}^{(10)}m_{001}^{(11)}m_{020}^{(20)}m_{102}^{(20)} - m_{100}^{(10)}m_{001}^{(11)}m_{020}^{(20)}m_{003}^{(00)}\\
&-m_{100}^{(10)}m_{001}^{(11)}m_{020}^{(22)}m_{201}^{(20)} + m_{100}^{(10)}m_{001}^{(11)}m_{020}^{(22)}m_{102}^{(00)} - m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{111}^{(22)}\\
&+m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{102}^{(21)} - m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(10)}m_{102}^{(20)} + m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(10)}m_{003}^{(00)}\\
&+m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{210}^{(22)} - m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(21)} - m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(20)}\\
&+m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{012}^{(00)} + 2m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(22)}m_{210}^{(20)} - 2m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(22)}m_{111}^{(00)}\\
&+m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{111}^{(20)} - m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{012}^{(00)} + m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(11)}m_{201}^{(20)}\\
&-m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(11)}m_{102}^{(00)} - 2m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(21)}m_{210}^{(20)} + 2m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(21)}m_{111}^{(00)}\\
&-m_{100}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(22)} + m_{100}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{012}^{(21)} + m_{100}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{030}^{(22)}\\
&-m_{100}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(21)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(22)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{102}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{030}^{(22)} + m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(21)} - m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(22)}\\
&+m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(21)} + m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{102}^{(11)} - m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{012}^{(10)}\\
&-m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{111}^{(11)} + m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{021}^{(10)} + m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(22)}\\
&-m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(21)} - m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(22)} + m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{102}^{(11)} + m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{012}^{(10)} + m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{111}^{(11)}\\
&-m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{021}^{(10)} + m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{021}^{(22)} - m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{012}^{(21)}\\
&-2m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(22)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(21)} + m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{120}^{(22)}
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&-m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(21)}+m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{102}^{(11)}-m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{012}^{(10)}\\
&-m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(22)}m_{201}^{(11)}+m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(22)}m_{111}^{(10)}-m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{030}^{(22)}\\
&+m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{021}^{(21)}+m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(22)}-m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{102}^{(11)}+m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{012}^{(10)}-m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{111}^{(11)}\\
&+m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{021}^{(10)}+2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(22)}m_{210}^{(11)}-2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(22)}m_{120}^{(10)}\\
&+m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{111}^{(11)}-m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{021}^{(10)}+m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(11)}m_{201}^{(11)}\\
&-m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(11)}m_{111}^{(10)}-2m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(21)}m_{210}^{(11)}+2m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(21)}m_{120}^{(10)}\\
&+2m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(22)}-2m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(21)}-m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(22)}\\
&+m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{102}^{(21)}-m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(22)}+m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(21)}\\
&-2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{021}^{(22)}+2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{012}^{(21)}+m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(22)}\\
&-m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(21)}+m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(22)}-m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{102}^{(10)}+m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{012}^{(00)}+m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{111}^{(10)}\\
&-m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{021}^{(00)}-m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(22)}+m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(21)}\\
&+m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(22)}-m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(21)}+m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{102}^{(10)}\\
&-m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{012}^{(00)}-m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{111}^{(10)}+m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{021}^{(00)}\\
&+m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(22)}-m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{102}^{(21)}-m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(22)}\\
&+m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(21)}-m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{102}^{(10)}+m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{012}^{(00)}\\
&+m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(22)}m_{201}^{(10)}-m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(22)}m_{111}^{(00)}+m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{120}^{(22)}\\
&-m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(21)}-m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(22)}+m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(21)}\\
&+m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{102}^{(10)}-m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{012}^{(00)}+m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{111}^{(10)}\\
&-m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{021}^{(00)}-2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(22)}m_{210}^{(10)}+2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(22)}m_{120}^{(00)}\\
&-m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{111}^{(10)}+m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{021}^{(00)}-m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(11)}m_{201}^{(10)}\\
&+m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(11)}m_{111}^{(00)}+2m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(21)}m_{210}^{(10)}-2m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(21)}m_{120}^{(00)}\\
&-m_{100}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(22)}+m_{100}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(21)}+m_{100}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(22)}\\
&-m_{100}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(21)}+m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{030}^{(22)}-m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{021}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(22)}+m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{201}^{(21)}-m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{020}^{(22)}\\
&+m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(21)}+m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(22)}-m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(21)}\\
&+(m_{100}^{(11)})^2m_{110}^{(20)}m_{102}^{(22)}-(m_{100}^{(11)})^2m_{110}^{(20)}m_{003}^{(20)}-(m_{100}^{(11)})^2m_{110}^{(22)}m_{201}^{(22)}\\
&+(m_{100}^{(11)})^2m_{110}^{(22)}m_{102}^{(20)}-(m_{100}^{(11)})^2m_{101}^{(10)}m_{102}^{(22)}+(m_{100}^{(11)})^2m_{101}^{(10)}m_{003}^{(20)}\\
&+(m_{100}^{(11)})^2m_{101}^{(21)}m_{201}^{(22)}-(m_{100}^{(11)})^2m_{101}^{(21)}m_{102}^{(20)}-(m_{100}^{(11)})^2m_{011}^{(20)}m_{201}^{(22)}\\
&+(m_{100}^{(11)})^2m_{011}^{(20)}m_{102}^{(20)}+(m_{100}^{(11)})^2m_{011}^{(22)}m_{300}^{(22)}-(m_{100}^{(11)})^2m_{011}^{(22)}m_{201}^{(20)}\\
&+(m_{100}^{(11)})^2m_{002}^{(10)}m_{201}^{(22)}-(m_{100}^{(11)})^2m_{002}^{(10)}m_{102}^{(20)}-(m_{100}^{(11)})^2m_{002}^{(21)}m_{300}^{(22)}\\
&+(m_{100}^{(11)})^2m_{002}^{(21)}m_{201}^{(20)}+m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(20)}m_{012}^{(21)}-m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(20)}m_{003}^{(11)}\\
&+m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(21)}m_{111}^{(22)}-m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(21)}m_{012}^{(20)}-m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(22)}m_{120}^{(22)}\\
&-m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(22)}m_{111}^{(21)}+m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(22)}m_{102}^{(11)}+m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(22)}m_{021}^{(20)}\\
&-m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(10)}m_{012}^{(21)}+m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(10)}m_{003}^{(11)}-m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(11)}m_{111}^{(22)}\\
&+m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(11)}m_{012}^{(20)}+m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(21)}m_{120}^{(22)}+m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(21)}m_{111}^{(21)}\\
&-m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(21)}m_{102}^{(11)}-m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(21)}m_{021}^{(20)}+m_{100}^{(11)}m_{100}^{(20)}m_{020}^{(20)}m_{111}^{(22)}
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&-m_{100}^{(11)}m_{100}^{(20)}m_{020}^{(20)}m_{012}^{(20)} - 2m_{100}^{(11)}m_{100}^{(20)}m_{020}^{(21)}m_{201}^{(22)} + 2m_{100}^{(11)}m_{100}^{(20)}m_{020}^{(21)}m_{102}^{(20)}\\
&+m_{100}^{(11)}m_{100}^{(20)}m_{020}^{(22)}m_{210}^{(22)} - m_{100}^{(11)}m_{100}^{(20)}m_{020}^{(22)}m_{111}^{(20)} - m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(10)}m_{111}^{(22)}\\
&+m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(10)}m_{012}^{(20)} + 2m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(11)}m_{201}^{(22)} - 2m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(11)}m_{102}^{(20)}\\
&-m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{120}^{(22)} - m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{111}^{(21)} + m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{102}^{(11)}\\
&+m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{021}^{(20)} + m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(22)}m_{210}^{(21)} - m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(22)}m_{201}^{(11)}\\
&+m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(10)}m_{120}^{(22)} + m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(10)}m_{111}^{(21)} - m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(10)}m_{102}^{(11)}\\
&-m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(10)}m_{021}^{(20)} - m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(11)}m_{210}^{(22)} + m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(11)}m_{111}^{(20)}\\
&-m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(21)}m_{210}^{(21)} + m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(21)}m_{201}^{(11)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(20)}m_{111}^{(22)}\\
&-2m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(20)}m_{102}^{(21)} + 3m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(20)}m_{012}^{(20)} + m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(20)}m_{003}^{(10)}\\
&+m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(21)}m_{201}^{(22)} - m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(21)}m_{102}^{(20)} + m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(22)}m_{210}^{(22)}\\
&+2m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(22)}m_{201}^{(21)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(22)}m_{111}^{(20)} - m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(22)}m_{102}^{(10)}\\
&+2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(10)}m_{111}^{(22)} + 2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(10)}m_{102}^{(21)} - 3m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(10)}m_{012}^{(20)}\\
&-m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(10)}m_{003}^{(10)} - m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(11)}m_{201}^{(22)} + m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(11)}m_{102}^{(20)}\\
&-m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(21)}m_{210}^{(22)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(21)}m_{201}^{(21)} + 2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(21)}m_{111}^{(20)}\\
&+m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(21)}m_{102}^{(10)} + m_{100}^{(11)}m_{100}^{(21)}m_{020}^{(20)}m_{201}^{(22)} - m_{100}^{(11)}m_{100}^{(21)}m_{020}^{(20)}m_{102}^{(20)}\\
&-m_{100}^{(11)}m_{100}^{(21)}m_{020}^{(22)}m_{300}^{(22)} + m_{100}^{(11)}m_{100}^{(21)}m_{020}^{(22)}m_{201}^{(20)} - m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(10)}m_{201}^{(22)}\\
&+m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(10)}m_{102}^{(20)} + m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(20)}m_{210}^{(22)} + 2m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(20)}m_{201}^{(21)}\\
&-2m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(20)}m_{111}^{(20)} - m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(20)}m_{102}^{(10)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(22)}m_{300}^{(21)}\\
&+m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(22)}m_{210}^{(20)} + m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(22)}m_{201}^{(10)} - m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(10)}m_{210}^{(22)}\\
&-2m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(10)}m_{201}^{(21)} + 2m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(10)}m_{111}^{(20)} + m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(10)}m_{102}^{(10)}\\
&+m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(11)}m_{300}^{(22)} - m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(11)}m_{201}^{(20)} + 2m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(21)}m_{300}^{(21)}\\
&-m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(21)}m_{210}^{(20)} - m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(21)}m_{201}^{(10)} + m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(20)}m_{120}^{(22)}\\
&+m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(20)}m_{102}^{(11)} - m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(20)}m_{021}^{(20)} - m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(20)}m_{012}^{(10)}\\
&-m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(21)}m_{210}^{(22)} + m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(21)}m_{111}^{(20)} - m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(22)}m_{201}^{(11)}\\
&+m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(22)}m_{111}^{(10)} - m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(10)}m_{120}^{(22)} - m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(10)}m_{102}^{(11)}\\
&+m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(10)}m_{021}^{(20)} + m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(10)}m_{012}^{(10)} + m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(11)}m_{210}^{(22)}\\
&-m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(11)}m_{111}^{(20)} + m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(21)}m_{201}^{(11)} - m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(21)}m_{111}^{(10)}\\
&-m_{100}^{(11)}m_{100}^{(22)}m_{020}^{(20)}m_{210}^{(22)} + m_{100}^{(11)}m_{100}^{(22)}m_{020}^{(20)}m_{111}^{(20)} + m_{100}^{(11)}m_{100}^{(22)}m_{020}^{(21)}m_{300}^{(22)}\\
&-m_{100}^{(11)}m_{100}^{(22)}m_{020}^{(21)}m_{201}^{(20)} + m_{100}^{(11)}m_{100}^{(22)}m_{011}^{(10)}m_{210}^{(22)} - m_{100}^{(11)}m_{100}^{(22)}m_{011}^{(10)}m_{111}^{(20)}\\
&-m_{100}^{(11)}m_{100}^{(22)}m_{011}^{(11)}m_{300}^{(22)} + m_{100}^{(11)}m_{100}^{(22)}m_{011}^{(11)}m_{201}^{(20)} - m_{100}^{(11)}m_{100}^{(22)}m_{011}^{(20)}m_{201}^{(11)}\\
&+m_{100}^{(11)}m_{100}^{(22)}m_{011}^{(20)}m_{111}^{(10)} + m_{100}^{(11)}m_{100}^{(22)}m_{011}^{(22)}m_{300}^{(11)} - m_{100}^{(11)}m_{100}^{(22)}m_{011}^{(22)}m_{210}^{(10)}\\
&+m_{100}^{(11)}m_{100}^{(22)}m_{002}^{(10)}m_{201}^{(11)} - m_{100}^{(11)}m_{100}^{(22)}m_{002}^{(10)}m_{111}^{(10)} - m_{100}^{(11)}m_{100}^{(22)}m_{002}^{(21)}m_{300}^{(11)}\\
&+m_{100}^{(11)}m_{100}^{(22)}m_{002}^{(21)}m_{210}^{(10)} + m_{100}^{(11)}m_{010}^{(00)}m_{110}^{(20)}m_{012}^{(22)} - m_{100}^{(11)}m_{010}^{(00)}m_{110}^{(20)}m_{003}^{(21)}\\
&-m_{100}^{(11)}m_{010}^{(00)}m_{110}^{(21)}m_{102}^{(22)} + m_{100}^{(11)}m_{010}^{(00)}m_{110}^{(21)}m_{003}^{(20)} + m_{100}^{(11)}m_{010}^{(00)}m_{110}^{(22)}m_{102}^{(21)}\\
&-m_{100}^{(11)}m_{010}^{(00)}m_{110}^{(22)}m_{012}^{(20)} - m_{100}^{(11)}m_{010}^{(00)}m_{101}^{(10)}m_{012}^{(22)} + m_{100}^{(11)}m_{010}^{(00)}m_{101}^{(10)}m_{003}^{(21)}\\
&+2m_{100}^{(11)}m_{010}^{(00)}m_{101}^{(21)}m_{111}^{(22)} - m_{100}^{(11)}m_{010}^{(00)}m_{101}^{(21)}m_{102}^{(21)} - m_{100}^{(11)}m_{010}^{(00)}m_{101}^{(21)}m_{012}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(00)}m_{101}^{(22)}m_{120}^{(22)} + m_{100}^{(11)}m_{010}^{(00)}m_{101}^{(22)}m_{021}^{(20)} + m_{100}^{(11)}m_{010}^{(00)}m_{011}^{(10)}m_{102}^{(22)}\\
&-m_{100}^{(11)}m_{010}^{(00)}m_{011}^{(10)}m_{003}^{(20)} - 2m_{100}^{(11)}m_{010}^{(00)}m_{011}^{(20)}m_{111}^{(22)} + m_{100}^{(11)}m_{010}^{(00)}m_{011}^{(20)}m_{102}^{(21)}
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&+m_{100}^{(11)}m_{010}^{(00)}m_{011}^{(20)}m_{012}^{(20)}+m_{100}^{(11)}m_{010}^{(00)}m_{011}^{(22)}m_{210}^{(22)}-m_{100}^{(11)}m_{010}^{(00)}m_{011}^{(22)}m_{201}^{(21)}\\
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&+m_{100}^{(11)}m_{010}^{(10)}m_{200}^{(21)}m_{102}^{(22)}-m_{100}^{(11)}m_{010}^{(10)}m_{200}^{(21)}m_{003}^{(20)}-m_{100}^{(11)}m_{010}^{(10)}m_{200}^{(22)}m_{111}^{(22)}\\
&+m_{100}^{(11)}m_{010}^{(10)}m_{200}^{(22)}m_{012}^{(20)}-2m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(21)}m_{201}^{(22)}+2m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(21)}m_{102}^{(20)}\\
&+2m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(22)}m_{210}^{(22)}-2m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(22)}m_{111}^{(20)}-m_{100}^{(11)}m_{010}^{(10)}m_{011}^{(00)}m_{102}^{(22)}\\
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&+m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(21)}m_{300}^{(22)}-m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(21)}m_{201}^{(20)}-m_{100}^{(11)}m_{010}^{(11)}m_{200}^{(20)}m_{102}^{(22)}\\
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&+m_{100}^{(11)}m_{010}^{(11)}m_{101}^{(00)}m_{102}^{(22)}-m_{100}^{(11)}m_{010}^{(11)}m_{101}^{(00)}m_{003}^{(20)}-m_{100}^{(11)}m_{010}^{(11)}m_{101}^{(22)}m_{300}^{(22)}\\
&+m_{100}^{(11)}m_{010}^{(11)}m_{101}^{(22)}m_{201}^{(20)}-m_{100}^{(11)}m_{010}^{(11)}m_{002}^{(00)}m_{201}^{(22)}+m_{100}^{(11)}m_{010}^{(11)}m_{002}^{(00)}m_{102}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(11)}m_{002}^{(20)}m_{300}^{(22)}-m_{100}^{(11)}m_{010}^{(11)}m_{002}^{(20)}m_{201}^{(20)}-m_{100}^{(11)}m_{010}^{(20)}m_{200}^{(21)}m_{111}^{(22)}\\
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&+m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(20)}m_{003}^{(10)}+2m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(21)}m_{201}^{(22)}-2m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(21)}m_{102}^{(20)}\\
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&+m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(10)}m_{012}^{(20)}-m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(10)}m_{003}^{(10)}-m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(21)}m_{210}^{(22)}\\
&+m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(21)}m_{201}^{(21)}-m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(20)}+m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(21)}m_{102}^{(10)}\\
&+m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(00)}m_{111}^{(22)}-m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(00)}m_{012}^{(20)}-2m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(10)}m_{201}^{(22)}\\
&+2m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(10)}m_{102}^{(20)}+m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(20)}m_{210}^{(22)}-m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(20)}m_{201}^{(21)}\\
&+m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(20)}-m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(20)}m_{102}^{(10)}+m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(22)}m_{300}^{(21)}\\
&-2m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(22)}m_{210}^{(20)}+m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(22)}m_{201}^{(10)}-m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(00)}m_{120}^{(22)}\\
&+m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(00)}m_{021}^{(20)}+m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(10)}m_{210}^{(22)}+m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(10)}m_{201}^{(21)}\\
&-3m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(10)}m_{111}^{(20)}+m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(10)}m_{102}^{(10)}-m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(21)}m_{300}^{(21)}\\
&+2m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(21)}m_{210}^{(20)}-m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(21)}m_{201}^{(10)}+2m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{111}^{(22)}\\
&-2m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(20)}-m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(21)}m_{201}^{(22)}+m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(21)}m_{102}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{210}^{(22)}+m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{111}^{(20)}-m_{100}^{(11)}m_{010}^{(21)}m_{110}^{(20)}m_{201}^{(22)}\\
&+2m_{100}^{(11)}m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(20)}-m_{100}^{(11)}m_{010}^{(21)}m_{110}^{(20)}m_{003}^{(00)}+m_{100}^{(11)}m_{010}^{(21)}m_{110}^{(22)}m_{300}^{(22)}\\
&-2m_{100}^{(11)}m_{010}^{(21)}m_{110}^{(22)}m_{201}^{(20)}+m_{100}^{(11)}m_{010}^{(21)}m_{110}^{(22)}m_{102}^{(00)}-2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(00)}m_{111}^{(22)}\\
&+2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(00)}m_{012}^{(20)}+m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(10)}m_{201}^{(22)}-2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(10)}m_{102}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(10)}m_{003}^{(00)}+m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(21)}m_{300}^{(22)}-m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(21)}m_{102}^{(00)}\\
&+m_{100}^{(11)}m_{010}^{(21)}m_{011}^{(00)}m_{201}^{(22)}-m_{100}^{(11)}m_{010}^{(21)}m_{011}^{(00)}m_{102}^{(20)}-m_{100}^{(11)}m_{010}^{(21)}m_{011}^{(20)}m_{300}^{(22)}\\
&+m_{100}^{(11)}m_{010}^{(21)}m_{011}^{(20)}m_{102}^{(00)}+m_{100}^{(11)}m_{010}^{(21)}m_{011}^{(22)}m_{300}^{(20)}-m_{100}^{(11)}m_{010}^{(21)}m_{011}^{(22)}m_{201}^{(00)}\\
&+m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(00)}m_{210}^{(22)}-m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(00)}m_{111}^{(20)}-m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(10)}m_{300}^{(22)}\\
&+2m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(10)}m_{201}^{(20)}-m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(10)}m_{102}^{(00)}-m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(21)}m_{300}^{(20)}
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&+m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(21)}m_{201}^{(00)} - m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(20)}m_{120}^{(22)} + m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(21)}m_{210}^{(22)} - m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(20)} + m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(20)}m_{210}^{(22)}\\
&-m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(20)} - m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(20)}m_{102}^{(10)} + m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(20)}m_{012}^{(00)}\\
&-m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(21)}m_{300}^{(22)} + m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(20)} + m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(22)}m_{201}^{(10)}\\
&-m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(22)}m_{111}^{(00)} + m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(00)}m_{120}^{(22)} - m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(00)}m_{021}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(10)}m_{210}^{(22)} + m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(20)} + m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(10)}m_{102}^{(10)}\\
&-m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(10)}m_{012}^{(00)} - m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(21)}m_{201}^{(10)} + m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(21)}m_{111}^{(00)}\\
&-m_{100}^{(11)}m_{010}^{(22)}m_{011}^{(00)}m_{210}^{(22)} + m_{100}^{(11)}m_{010}^{(22)}m_{011}^{(00)}m_{111}^{(20)} + m_{100}^{(11)}m_{010}^{(22)}m_{011}^{(10)}m_{300}^{(22)}\\
&-m_{100}^{(11)}m_{010}^{(22)}m_{011}^{(10)}m_{201}^{(20)} + m_{100}^{(11)}m_{010}^{(22)}m_{011}^{(20)}m_{201}^{(10)} - m_{100}^{(11)}m_{010}^{(22)}m_{011}^{(20)}m_{111}^{(00)}\\
&-m_{100}^{(11)}m_{010}^{(22)}m_{011}^{(22)}m_{300}^{(10)} + m_{100}^{(11)}m_{010}^{(22)}m_{011}^{(22)}m_{210}^{(00)} - m_{100}^{(11)}m_{010}^{(22)}m_{010}^{(10)}m_{002}^{(10)}m_{201}^{(10)}\\
&+m_{100}^{(11)}m_{010}^{(22)}m_{002}^{(10)}m_{111}^{(00)} + m_{100}^{(11)}m_{010}^{(22)}m_{002}^{(21)}m_{300}^{(10)} - m_{100}^{(11)}m_{010}^{(22)}m_{002}^{(21)}m_{210}^{(00)}\\
&+m_{100}^{(11)}m_{001}^{(00)}m_{110}^{(11)}m_{102}^{(22)} - m_{100}^{(11)}m_{001}^{(00)}m_{110}^{(11)}m_{003}^{(20)} - m_{100}^{(11)}m_{001}^{(00)}m_{110}^{(20)}m_{012}^{(21)}\\
&+m_{100}^{(11)}m_{001}^{(00)}m_{110}^{(20)}m_{003}^{(11)} - m_{100}^{(11)}m_{001}^{(00)}m_{110}^{(21)}m_{111}^{(22)} + m_{100}^{(11)}m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(20)}\\
&+m_{100}^{(11)}m_{001}^{(00)}m_{110}^{(22)}m_{111}^{(21)} - m_{100}^{(11)}m_{001}^{(00)}m_{110}^{(22)}m_{102}^{(11)} + m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(10)}m_{012}^{(21)}\\
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&+m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(21)}m_{120}^{(22)} - m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(21)}m_{111}^{(21)} + m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(21)}m_{102}^{(11)}\\
&-m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(20)} - m_{100}^{(11)}m_{001}^{(00)}m_{020}^{(10)}m_{102}^{(22)} + m_{100}^{(11)}m_{001}^{(00)}m_{020}^{(10)}m_{003}^{(20)}\\
&+m_{100}^{(11)}m_{001}^{(00)}m_{020}^{(20)}m_{111}^{(22)} - m_{100}^{(11)}m_{001}^{(00)}m_{020}^{(20)}m_{012}^{(20)} + m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(22)}\\
&-m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(20)} - m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{120}^{(22)} + m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(21)}\\
&-m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{102}^{(11)} + m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(20)} - m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(22)}m_{210}^{(21)}\\
&+m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(22)}m_{201}^{(11)} - m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(10)}m_{111}^{(21)} + m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(10)}m_{102}^{(11)}\\
&+m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(21)}m_{210}^{(21)} - m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(21)}m_{201}^{(11)} - m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(11)}m_{102}^{(22)}\\
&+m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(11)}m_{003}^{(20)} + m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(21)}m_{111}^{(22)} - m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(22)} + m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{102}^{(21)} + 2m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(20)}\\
&-2m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{003}^{(10)} + m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(21)}m_{201}^{(22)} - m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(22)}m_{201}^{(21)} - m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(20)} + 2m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(22)}m_{102}^{(10)}\\
&+m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(22)} - m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{102}^{(21)} - 2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(20)}\\
&+2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{003}^{(10)} + m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(11)}m_{201}^{(22)} - m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(11)}m_{102}^{(20)}\\
&-2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{210}^{(22)} + m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{201}^{(21)} + 3m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(20)}\\
&-2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{102}^{(10)} + m_{100}^{(11)}m_{001}^{(10)}m_{020}^{(00)}m_{102}^{(22)} - m_{100}^{(11)}m_{001}^{(10)}m_{020}^{(00)}m_{003}^{(20)}\\
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&+m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(00)}m_{012}^{(20)} - m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(22)} + m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(20)}\\
&+2m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(22)} - m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(21)} - 3m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(20)}\\
&+2m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{102}^{(10)} + m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(22)}m_{300}^{(21)} + m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(22)}m_{210}^{(20)}\\
&-2m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(22)}m_{201}^{(10)} + m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{201}^{(21)} + m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(20)}\\
&-2m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{102}^{(10)} - m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(21)}m_{300}^{(21)} - m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(21)}m_{210}^{(20)}\\
&+2m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(21)}m_{201}^{(10)} + m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(10)}m_{102}^{(22)} - m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(10)}m_{003}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(21)}m_{201}^{(22)} + m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(20)} - m_{100}^{(11)}m_{001}^{(11)}m_{110}^{(00)}m_{102}^{(22)}
\end{aligned}
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\begin{aligned}
&+m_{100}^{(11)}m_{001}^{(11)}m_{110}^{(00)}m_{003}^{(20)}+m_{100}^{(11)}m_{001}^{(11)}m_{110}^{(20)}m_{201}^{(22)}-2m_{100}^{(11)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(20)}\\
&+m_{100}^{(11)}m_{001}^{(11)}m_{110}^{(20)}m_{003}^{(00)}+m_{100}^{(11)}m_{001}^{(11)}m_{110}^{(22)}m_{201}^{(20)}-m_{100}^{(11)}m_{001}^{(11)}m_{110}^{(22)}m_{102}^{(00)}\\
&-m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(22)}+2m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(20)}-m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(10)}m_{003}^{(00)}\\
&+m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(21)}m_{300}^{(22)}-2m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(20)}+m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(21)}m_{102}^{(00)}\\
&+m_{100}^{(11)}m_{001}^{(11)}m_{011}^{(00)}m_{201}^{(22)}-m_{100}^{(11)}m_{001}^{(11)}m_{011}^{(00)}m_{102}^{(20)}-m_{100}^{(11)}m_{001}^{(11)}m_{011}^{(20)}m_{300}^{(22)}\\
&+2m_{100}^{(11)}m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(20)}-m_{100}^{(11)}m_{001}^{(11)}m_{011}^{(20)}m_{102}^{(00)}-m_{100}^{(11)}m_{001}^{(11)}m_{011}^{(22)}m_{300}^{(20)}\\
&+m_{100}^{(11)}m_{001}^{(11)}m_{011}^{(22)}m_{201}^{(00)}-m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(10)}m_{201}^{(20)}+m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(10)}m_{102}^{(00)}\\
&+m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(21)}m_{300}^{(20)}-m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(21)}m_{201}^{(00)}+m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(11)}m_{111}^{(22)}\\
&-m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(11)}m_{012}^{(20)}-m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{120}^{(22)}+m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(20)}\\
&-2m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(11)}m_{201}^{(22)}+2m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(11)}m_{102}^{(20)}+m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(22)}\\
&-m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{102}^{(11)}-m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(20)}+m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{012}^{(10)}\\
&+m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(22)}-m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(20)}+m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(22)}m_{201}^{(11)}\\
&-m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(22)}m_{111}^{(10)}-m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(22)}+m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{102}^{(11)}\\
&+m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(20)}-m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{012}^{(10)}+m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{210}^{(22)}\\
&-m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(20)}-m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{201}^{(11)}+m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{111}^{(10)}\\
&-m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(22)}+m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(00)}m_{012}^{(20)}+2m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(22)}\\
&-2m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(20)}-m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(22)}+m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(20)}\\
&+m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(22)}-m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{021}^{(20)}-m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(22)}\\
&+m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(20)}+m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{201}^{(11)}-m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{111}^{(10)}\\
&-m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(22)}m_{300}^{(11)}+m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(22)}m_{210}^{(10)}-m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(10)}m_{201}^{(11)}\\
&+m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(10)}m_{111}^{(10)}+m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(21)}m_{300}^{(11)}-m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(21)}m_{210}^{(10)}\\
&-2m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(22)}+2m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(20)}+m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(11)}m_{201}^{(22)}\\
&-m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(11)}m_{102}^{(20)}+m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{210}^{(22)}-m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(20)}\\
&+2m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(22)}-2m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{012}^{(20)}-m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(22)}\\
&+m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(20)}+m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{102}^{(10)}-m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{012}^{(00)}\\
&-m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(21)}m_{300}^{(22)}+m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(20)}-m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(22)}m_{201}^{(10)}\\
&+m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(22)}m_{111}^{(00)}+m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(22)}-m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{102}^{(10)}+m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{012}^{(00)}-m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(11)}m_{300}^{(22)}\\
&+m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(20)}+m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{201}^{(10)}-m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{111}^{(00)}\\
&-m_{100}^{(11)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(22)}+m_{100}^{(11)}m_{001}^{(21)}m_{020}^{(00)}m_{102}^{(20)}+m_{100}^{(11)}m_{001}^{(21)}m_{020}^{(20)}m_{300}^{(22)}\\
&-m_{100}^{(11)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(20)}-m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(22)}+m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(20)}\\
&+m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(22)}-m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(20)}-m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{201}^{(10)}\\
&+m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{111}^{(00)}+m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(22)}m_{300}^{(10)}-m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(22)}m_{210}^{(00)}\\
&+m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(10)}m_{201}^{(10)}-m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(10)}m_{111}^{(00)}-m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(21)}m_{300}^{(10)}\\
&+m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(21)}m_{210}^{(00)}+m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(22)}-m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(11)}m_{210}^{(22)}+m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(20)}-m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(22)}\\
&+m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{021}^{(20)}+m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(11)}m_{300}^{(20)}-m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(11)}m_{201}^{(20)}\\
&+m_{100}^{(11)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(22)}-m_{100}^{(11)}m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(20)}-m_{100}^{(11)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(22)}
\end{aligned}
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\begin{aligned}
&+m_{100}^{(11)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(20)}+(m_{100}^{(20)})^2m_{110}^{(21)}m_{021}^{(21)}-(m_{100}^{(20)})^2m_{110}^{(21)}m_{012}^{(11)}\\
&-(m_{100}^{(20)})^2m_{110}^{(22)}m_{030}^{(21)}+(m_{100}^{(20)})^2m_{110}^{(22)}m_{021}^{(11)}-(m_{100}^{(20)})^2m_{101}^{(11)}m_{021}^{(21)}\\
&+(m_{100}^{(20)})^2m_{101}^{(11)}m_{012}^{(11)}+(m_{100}^{(20)})^2m_{101}^{(21)}m_{030}^{(21)}-(m_{100}^{(20)})^2m_{101}^{(21)}m_{021}^{(11)}\\
&+(m_{100}^{(20)})^2m_{020}^{(20)}m_{021}^{(21)}-(m_{100}^{(20)})^2m_{020}^{(20)}m_{012}^{(11)}-2(m_{100}^{(20)})^2m_{020}^{(21)}m_{111}^{(21)}\\
&+2(m_{100}^{(20)})^2m_{020}^{(21)}m_{102}^{(11)}+(m_{100}^{(20)})^2m_{020}^{(22)}m_{120}^{(21)}-(m_{100}^{(20)})^2m_{020}^{(22)}m_{111}^{(11)}\\
&-(m_{100}^{(20)})^2m_{011}^{(10)}m_{021}^{(21)}+(m_{100}^{(20)})^2m_{011}^{(10)}m_{012}^{(11)}+2(m_{100}^{(20)})^2m_{011}^{(11)}m_{111}^{(21)}\\
&-2(m_{100}^{(20)})^2m_{011}^{(11)}m_{102}^{(11)}-(m_{100}^{(20)})^2m_{011}^{(20)}m_{030}^{(21)}+(m_{100}^{(20)})^2m_{011}^{(20)}m_{021}^{(11)}\\
&+(m_{100}^{(20)})^2m_{002}^{(10)}m_{030}^{(21)}-(m_{100}^{(20)})^2m_{002}^{(10)}m_{021}^{(11)}-(m_{100}^{(20)})^2m_{002}^{(11)}m_{120}^{(21)}\\
&+(m_{100}^{(20)})^2m_{002}^{(11)}m_{111}^{(11)}-2m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(20)}m_{021}^{(21)}+2m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(20)}m_{012}^{(11)}\\
&-m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{111}^{(21)}-m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{102}^{(11)}+m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{021}^{(20)}\\
&+m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{012}^{(10)}+3m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(22)}m_{120}^{(21)}-m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(22)}m_{111}^{(11)}\\
&-m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(22)}m_{030}^{(20)}-m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(22)}m_{021}^{(10)}+2m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(10)}m_{021}^{(21)}\\
&-2m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(10)}m_{012}^{(11)}+m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{111}^{(21)}+m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{102}^{(11)}\\
&-m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{021}^{(20)}-m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{012}^{(10)}-3m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{120}^{(21)}\\
&+m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{111}^{(11)}+m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{030}^{(20)}+m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{021}^{(10)}\\
&-m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{111}^{(21)}-m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{102}^{(11)}+m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{021}^{(20)}\\
&+m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{012}^{(10)}+4m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(21)}m_{201}^{(21)}-2m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(21)}m_{111}^{(20)}\\
&-2m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(21)}m_{102}^{(10)}-3m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(22)}m_{210}^{(21)}+m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(22)}m_{201}^{(11)}\\
&+m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(22)}m_{120}^{(20)}+m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(22)}m_{111}^{(10)}+m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{111}^{(21)}\\
&+m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{102}^{(11)}-m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{021}^{(20)}-m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{012}^{(10)}\\
&-4m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(11)}m_{201}^{(21)}+2m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(11)}m_{111}^{(20)}+2m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(11)}m_{102}^{(10)}\\
&+3m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(20)}m_{120}^{(21)}-m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(20)}m_{111}^{(11)}-m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(20)}m_{030}^{(20)}\\
&-m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(20)}m_{021}^{(10)}-3m_{100}^{(20)}m_{100}^{(21)}m_{002}^{(10)}m_{120}^{(21)}+m_{100}^{(20)}m_{100}^{(21)}m_{002}^{(10)}m_{111}^{(11)}\\
&+m_{100}^{(20)}m_{100}^{(21)}m_{002}^{(10)}m_{030}^{(20)}+m_{100}^{(20)}m_{100}^{(21)}m_{002}^{(10)}m_{021}^{(10)}+3m_{100}^{(20)}m_{100}^{(21)}m_{002}^{(11)}m_{210}^{(21)}\\
&-m_{100}^{(20)}m_{100}^{(21)}m_{002}^{(11)}m_{201}^{(11)}-m_{100}^{(20)}m_{100}^{(21)}m_{002}^{(11)}m_{120}^{(20)}-m_{100}^{(20)}m_{100}^{(21)}m_{002}^{(11)}m_{111}^{(10)}\\
&+m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(20)}m_{030}^{(21)}-m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(20)}m_{021}^{(11)}-m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(21)}m_{120}^{(21)}\\
&+2m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(21)}m_{111}^{(11)}-m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(21)}m_{021}^{(10)}-m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(22)}m_{120}^{(11)}\\
&+m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(22)}m_{030}^{(10)}-m_{100}^{(20)}m_{100}^{(22)}m_{101}^{(10)}m_{030}^{(21)}+m_{100}^{(20)}m_{100}^{(22)}m_{101}^{(10)}m_{021}^{(11)}\\
&+m_{100}^{(20)}m_{100}^{(22)}m_{101}^{(11)}m_{120}^{(21)}-2m_{100}^{(20)}m_{100}^{(22)}m_{101}^{(11)}m_{111}^{(11)}+m_{100}^{(20)}m_{100}^{(22)}m_{101}^{(11)}m_{021}^{(10)}\\
&+m_{100}^{(20)}m_{100}^{(22)}m_{101}^{(21)}m_{120}^{(11)}-m_{100}^{(20)}m_{100}^{(22)}m_{101}^{(21)}m_{030}^{(10)}-m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(20)}m_{120}^{(21)}\\
&+2m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(20)}m_{111}^{(11)}-m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(20)}m_{021}^{(10)}+m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(21)}m_{210}^{(21)}\\
&-3m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(21)}m_{201}^{(11)}+2m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(21)}m_{111}^{(10)}+m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(22)}m_{210}^{(11)}\\
&-m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(22)}m_{120}^{(10)}+m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(10)}m_{120}^{(21)}-2m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(10)}m_{111}^{(11)}\\
&+m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(10)}m_{021}^{(10)}-m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(11)}m_{210}^{(21)}+3m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(11)}m_{201}^{(11)}\\
&-2m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(11)}m_{111}^{(10)}-m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(20)}m_{111}^{(11)}+m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(20)}m_{030}^{(10)}\\
&+m_{100}^{(20)}m_{100}^{(22)}m_{002}^{(10)}m_{120}^{(11)}-m_{100}^{(20)}m_{100}^{(22)}m_{002}^{(10)}m_{030}^{(10)}-m_{100}^{(20)}m_{100}^{(22)}m_{002}^{(11)}m_{210}^{(11)}\\
&+m_{100}^{(20)}m_{100}^{(22)}m_{002}^{(11)}m_{120}^{(10)}+m_{100}^{(20)}m_{010}^{(00)}m_{110}^{(21)}m_{021}^{(22)}-2m_{100}^{(20)}m_{010}^{(00)}m_{110}^{(21)}m_{012}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(00)}m_{110}^{(21)}m_{003}^{(11)}-m_{100}^{(20)}m_{010}^{(00)}m_{110}^{(22)}m_{030}^{(22)}+2m_{100}^{(20)}m_{010}^{(00)}m_{110}^{(22)}m_{021}^{(21)}
\end{aligned}
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\begin{aligned}
&-m_{100}^{(20)}m_{010}^{(00)}m_{110}^{(22)}m_{012}^{(11)} - m_{100}^{(20)}m_{010}^{(00)}m_{101}^{(11)}m_{021}^{(22)} + m_{100}^{(20)}m_{010}^{(00)}m_{101}^{(11)}m_{012}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(00)}m_{101}^{(21)}m_{030}^{(22)} - m_{100}^{(20)}m_{010}^{(00)}m_{101}^{(21)}m_{012}^{(11)} - m_{100}^{(20)}m_{010}^{(00)}m_{101}^{(22)}m_{030}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(00)}m_{101}^{(22)}m_{021}^{(11)} + m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(20)}m_{021}^{(22)} - m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(20)}m_{012}^{(21)}\\
&-2m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(21)}m_{111}^{(22)} + 2m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(21)}m_{102}^{(21)} + m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(22)}m_{120}^{(22)}\\
&-m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(22)}m_{111}^{(21)} - m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(10)}m_{021}^{(22)} + 2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(10)}m_{012}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(10)}m_{003}^{(11)} + 2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(11)}m_{111}^{(22)} - 2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(11)}m_{102}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(20)}m_{030}^{(22)} + m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(20)}m_{012}^{(11)} + m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(10)}m_{030}^{(22)}\\
&-2m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(10)}m_{021}^{(21)} + m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(10)}m_{012}^{(11)} - m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(11)}m_{120}^{(22)}\\
&+m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(11)}m_{111}^{(21)} + m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(20)}m_{030}^{(21)} - m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(20)}m_{021}^{(11)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{200}^{(21)}m_{012}^{(21)} - m_{100}^{(20)}m_{010}^{(10)}m_{200}^{(21)}m_{003}^{(11)} - m_{100}^{(20)}m_{010}^{(10)}m_{200}^{(22)}m_{021}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{200}^{(22)}m_{012}^{(11)} + m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(20)}m_{012}^{(21)} - m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(20)}m_{003}^{(11)}\\
&-m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{111}^{(22)} + m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{012}^{(20)} + m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{120}^{(22)}\\
&-m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{111}^{(21)} + m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{102}^{(11)} - m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{021}^{(20)}\\
&-m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(10)}m_{012}^{(21)} + m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(10)}m_{003}^{(11)} + m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(11)}m_{111}^{(22)}\\
&-m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(11)}m_{012}^{(20)} - m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{120}^{(22)} - m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{102}^{(11)} + m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{021}^{(20)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(22)}m_{120}^{(21)}\\
&-2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(22)}m_{111}^{(11)} - m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(20)}m_{111}^{(22)} + m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(20)}m_{012}^{(20)}\\
&+2m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(21)}m_{201}^{(22)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(21)}m_{102}^{(20)} - m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(22)}m_{210}^{(22)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(22)}m_{111}^{(20)} - m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(00)}m_{012}^{(21)} + m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(00)}m_{003}^{(11)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{111}^{(22)} - m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{012}^{(20)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(11)}m_{201}^{(22)}\\
&+2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(11)}m_{102}^{(20)} + m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{120}^{(22)} + m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{111}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{102}^{(11)} - m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{021}^{(20)} + m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(00)}m_{021}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(00)}m_{012}^{(11)} - m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{120}^{(22)} + m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{111}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{102}^{(11)} + m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{021}^{(20)} + m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(11)}m_{210}^{(22)}\\
&-m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(11)}m_{111}^{(20)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(20)}m_{120}^{(21)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(20)}m_{111}^{(11)}\\
&-m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(20)}m_{012}^{(21)} + m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(20)}m_{003}^{(11)} + m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(22)}m_{111}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(22)}m_{102}^{(11)} + m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(00)}m_{012}^{(21)} - m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(00)}m_{003}^{(11)}\\
&-m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(22)}m_{210}^{(21)} + m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(22)}m_{201}^{(11)} - m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(00)}m_{002}^{(21)}m_{111}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(00)}m_{102}^{(11)} + m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(20)}m_{021}^{(21)} - m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(20)}m_{201}^{(11)}\\
&-m_{100}^{(20)}m_{010}^{(20)}m_{200}^{(21)}m_{021}^{(21)} + m_{100}^{(20)}m_{010}^{(20)}m_{200}^{(21)}m_{012}^{(11)} + m_{100}^{(20)}m_{010}^{(20)}m_{200}^{(22)}m_{030}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(20)}m_{200}^{(22)}m_{021}^{(11)} - m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(20)}m_{021}^{(21)} + m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(11)}\\
&+3m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{111}^{(21)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{102}^{(11)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{021}^{(20)}\\
&+m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{012}^{(10)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(22)}m_{120}^{(21)} + m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(22)}m_{111}^{(11)}\\
&+2m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(22)}m_{030}^{(20)} - m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(22)}m_{021}^{(10)} + m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(10)}m_{021}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(10)}m_{012}^{(11)} - m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(11)}m_{111}^{(21)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{021}^{(20)}\\
&-m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(11)}m_{012}^{(10)} + m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(11)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{030}^{(20)}\\
&+m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{021}^{(10)} + m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(20)}m_{111}^{(21)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(20)}m_{021}^{(20)}\\
&+m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(20)}m_{012}^{(10)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(21)}m_{201}^{(21)} + 4m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(21)}m_{111}^{(20)}
\end{aligned}
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\begin{aligned}
&-2m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(21)}m_{102}^{(10)}+m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(22)}m_{210}^{(21)}-2m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(22)}m_{120}^{(20)}\\
&+m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(22)}m_{111}^{(10)}+m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(00)}m_{021}^{(21)}-m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(00)}m_{012}^{(11)}\\
&-3m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(21)}+2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{102}^{(11)}+2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{021}^{(20)}\\
&-m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{012}^{(10)}+2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(11)}m_{201}^{(21)}-4m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(11)}m_{111}^{(20)}\\
&+2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(11)}m_{102}^{(10)}-m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(11)}+2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(20)}m_{030}^{(20)}\\
&-m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(20)}m_{021}^{(10)}-m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(00)}m_{030}^{(21)}+m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(00)}m_{021}^{(11)}\\
&+2m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(10)}m_{120}^{(21)}-m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(10)}m_{111}^{(11)}-2m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(10)}m_{030}^{(20)}\\
&+m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(10)}m_{021}^{(10)}-m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(11)}m_{210}^{(21)}+2m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(11)}m_{120}^{(20)}\\
&-m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(11)}m_{111}^{(10)}+2m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(20)}m_{021}^{(21)}-2m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(11)}\\
&-m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(21)}+m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{102}^{(11)}-m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(22)}m_{120}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(22)}m_{111}^{(11)}-m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(21)}+m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(11)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{111}^{(20)}-m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{012}^{(00)}+m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(22)}m_{210}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(22)}m_{201}^{(11)}-m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(22)}m_{120}^{(20)}+m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(22)}m_{021}^{(00)}\\
&-2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(00)}m_{021}^{(21)}+2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(00)}m_{012}^{(11)}+m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{102}^{(11)}-m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(11)}m_{111}^{(20)}+m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(11)}m_{012}^{(00)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{210}^{(21)}-m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{201}^{(11)}+m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{120}^{(20)}\\
&-m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{021}^{(00)}+m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(20)}m_{111}^{(20)}-m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(20)}m_{012}^{(00)}\\
&-2m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(21)}m_{201}^{(20)}+2m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(21)}m_{102}^{(00)}+m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(22)}m_{210}^{(20)}\\
&-m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(22)}m_{111}^{(00)}+m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{111}^{(21)}-m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{102}^{(11)}\\
&-m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{111}^{(20)}+m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{012}^{(00)}+2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(11)}m_{201}^{(20)}\\
&-2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(11)}m_{102}^{(00)}-m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(21)}+m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(11)}\\
&-m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{120}^{(20)}+m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{021}^{(00)}+m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(00)}m_{120}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(00)}m_{111}^{(11)}-m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(10)}m_{210}^{(21)}+m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(10)}m_{201}^{(11)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(10)}m_{120}^{(20)}-m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(10)}m_{021}^{(00)}-m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(11)}m_{210}^{(20)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(11)}m_{111}^{(00)}-m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(20)}m_{030}^{(21)}+m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(11)}\\
&+m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{120}^{(21)}-m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(11)}+m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{120}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(11)}-m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{210}^{(21)}+m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(11)}\\
&-m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(10)}+m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{021}^{(00)}+m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(22)}m_{120}^{(10)}\\
&-m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(22)}m_{030}^{(00)}+m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(00)}m_{030}^{(21)}-m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(00)}m_{021}^{(11)}\\
&-m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(10)}m_{120}^{(21)}+m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(11)}+m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(11)}m_{111}^{(10)}\\
&-m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(11)}m_{021}^{(00)}-m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(21)}m_{120}^{(10)}+m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(21)}m_{030}^{(00)}\\
&-m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(20)}m_{111}^{(10)}+m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(20)}m_{021}^{(00)}+2m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(21)}m_{201}^{(10)}\\
&-2m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(21)}m_{111}^{(00)}-m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(22)}m_{210}^{(10)}+m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(22)}m_{120}^{(00)}\\
&-m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(00)}m_{120}^{(21)}+m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(00)}m_{111}^{(11)}+m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{210}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{201}^{(11)}+m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{111}^{(10)}-m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{021}^{(00)}\\
&-2m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(11)}m_{201}^{(10)}+2m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(11)}m_{111}^{(00)}+m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(20)}m_{120}^{(10)}\\
&-m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(20)}m_{030}^{(00)}-m_{100}^{(20)}m_{010}^{(22)}m_{002}^{(10)}m_{120}^{(10)}+m_{100}^{(20)}m_{010}^{(22)}m_{002}^{(10)}m_{030}^{(00)}\\
&+m_{100}^{(20)}m_{010}^{(22)}m_{002}^{(11)}m_{210}^{(10)}-m_{100}^{(20)}m_{010}^{(22)}m_{002}^{(11)}m_{120}^{(00)}+m_{100}^{(20)}m_{001}^{(00)}m_{110}^{(11)}m_{012}^{(21)}
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\begin{aligned}
&-m_{100}^{(20)}m_{001}^{(00)}m_{110}^{(11)}m_{003}^{(11)} - 2m_{100}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{021}^{(21)} + 2m_{100}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(11)}\\
&+m_{100}^{(20)}m_{001}^{(00)}m_{110}^{(22)}m_{030}^{(21)} - m_{100}^{(20)}m_{001}^{(00)}m_{110}^{(22)}m_{021}^{(11)} - m_{100}^{(20)}m_{001}^{(00)}m_{110}^{(10)}m_{012}^{(21)}\\
&+m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(10)}m_{003}^{(11)} + 2m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{111}^{(21)} - 2m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(22)}m_{120}^{(21)} + m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(22)}m_{111}^{(11)} + 2m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{021}^{(21)}\\
&-2m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(11)} - 2m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{111}^{(21)} + 2m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{102}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(00)}m_{002}^{(10)}m_{030}^{(21)} + m_{100}^{(20)}m_{001}^{(00)}m_{002}^{(10)}m_{021}^{(11)} + m_{100}^{(20)}m_{001}^{(00)}m_{002}^{(11)}m_{120}^{(21)}\\
&-m_{100}^{(20)}m_{001}^{(00)}m_{002}^{(11)}m_{111}^{(11)} - m_{100}^{(20)}m_{001}^{(10)}m_{200}^{(11)}m_{012}^{(21)} + m_{100}^{(20)}m_{001}^{(10)}m_{200}^{(11)}m_{003}^{(21)}\\
&+m_{100}^{(20)}m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(21)} - m_{100}^{(20)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(11)} - m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(21)}\\
&+m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(11)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(21)} - m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(11)}\\
&+m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{021}^{(20)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(10)} - m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{120}^{(21)}\\
&-m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{030}^{(20)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{021}^{(10)} + m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(21)}\\
&-m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(11)} - m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{102}^{(11)} - m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{021}^{(20)}\\
&+2m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{012}^{(10)} - m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(21)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(11)}\\
&+m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{030}^{(20)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(10)} + m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(00)}m_{012}^{(21)}\\
&-m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(00)}m_{003}^{(11)} + m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(11)} + m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{021}^{(20)}\\
&-2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{012}^{(10)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{201}^{(21)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{111}^{(20)}\\
&+4m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{102}^{(10)} + m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(22)}m_{210}^{(21)} + m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(22)}m_{120}^{(20)}\\
&-2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(22)}m_{111}^{(10)} - m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(00)}m_{021}^{(21)} + m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(00)}m_{012}^{(11)}\\
&-2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(21)} + m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(11)} - m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{021}^{(20)}\\
&+2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{012}^{(10)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{201}^{(21)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{111}^{(20)}\\
&-4m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{102}^{(10)} + m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(21)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{030}^{(20)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{021}^{(10)} + m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{120}^{(21)}\\
&+m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{030}^{(20)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{021}^{(10)} - m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(11)}m_{210}^{(21)}\\
&-m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(11)}m_{120}^{(20)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(11)}m_{111}^{(10)} + m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(21)}\\
&-m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(10)}m_{003}^{(11)} - m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(21)}m_{111}^{(21)} + m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(00)}m_{012}^{(21)} + m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(00)}m_{003}^{(11)} + m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(21)}\\
&-m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(11)} - m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{111}^{(20)} + m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{012}^{(00)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(22)}m_{120}^{(20)} - m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(22)}m_{021}^{(00)} - m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(21)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(11)} + m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(11)}m_{111}^{(20)} - m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(11)}m_{012}^{(00)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{210}^{(21)} - m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(11)} - m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{120}^{(20)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{021}^{(00)} - m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(20)}m_{111}^{(20)} + m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(20)}m_{012}^{(00)}\\
&+2m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(21)}m_{201}^{(20)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(21)}m_{102}^{(00)} - m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(22)}m_{210}^{(20)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(22)}m_{111}^{(00)} + m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(00)}m_{111}^{(21)} - m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(00)}m_{102}^{(11)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{111}^{(20)} - m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{012}^{(00)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(11)}m_{201}^{(20)}\\
&+2m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(11)}m_{102}^{(00)} - m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{210}^{(21)} + m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(11)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{120}^{(20)} - m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{021}^{(00)} - m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(10)}m_{120}^{(20)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(10)}m_{021}^{(00)} + m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(11)}m_{210}^{(20)} - m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(11)}m_{111}^{(00)}\\
&+m_{100}^{(20)}m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(21)} - m_{100}^{(20)}m_{001}^{(20)}m_{200}^{(11)}m_{012}^{(11)} - m_{100}^{(20)}m_{001}^{(20)}m_{200}^{(21)}m_{030}^{(21)}
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&+m_{100}^{(20)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(11)} - 2m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(21)} + 2m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{102}^{(11)}\\
&+m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(20)}m_{030}^{(21)} - m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(11)} + m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(21)}\\
&-2m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(11)} + m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(10)} + m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(22)}m_{120}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(22)}m_{030}^{(10)} - m_{100}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(21)} + m_{100}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(11)}\\
&+m_{100}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(21)} - m_{100}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{021}^{(10)} - m_{100}^{(20)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(11)}\\
&+m_{100}^{(20)}m_{001}^{(20)}m_{101}^{(21)}m_{030}^{(10)} - m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(00)}m_{021}^{(21)} + m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(00)}m_{012}^{(11)}\\
&+2m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(21)} - 2m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(11)} - m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{120}^{(21)}\\
&+m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{021}^{(10)} + 2m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(11)} - 2m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(10)}\\
&-m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(22)}m_{210}^{(11)} + m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(22)}m_{120}^{(10)} + m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(00)}m_{030}^{(21)}\\
&-m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(00)}m_{021}^{(11)} - m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(21)} + 2m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{021}^{(11)} - 2m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{201}^{(11)} + 2m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{111}^{(10)}\\
&+m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(11)} - m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(20)}m_{030}^{(10)} - m_{100}^{(20)}m_{001}^{(20)}m_{002}^{(10)}m_{120}^{(11)}\\
&+m_{100}^{(20)}m_{001}^{(20)}m_{002}^{(10)}m_{030}^{(10)} + m_{100}^{(20)}m_{001}^{(20)}m_{002}^{(11)}m_{210}^{(11)} - m_{100}^{(20)}m_{001}^{(20)}m_{002}^{(11)}m_{120}^{(10)}\\
&-2m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(21)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(11)} + m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(21)}\\
&-m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{102}^{(11)} + m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(21)} - m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(11)}\\
&+2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{021}^{(21)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{012}^{(11)} - m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(21)}\\
&+m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(11)} - m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(21)} + m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(11)}\\
&+m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(10)} - m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{021}^{(00)} - m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(22)}m_{120}^{(10)}\\
&+m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(22)}m_{030}^{(00)} + m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(21)} - m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(21)} + m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(11)} - m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{111}^{(10)}\\
&+m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{021}^{(00)} + m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(10)} - m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(21)}m_{030}^{(00)}\\
&-m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(21)} + m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{102}^{(11)} + m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(21)}\\
&-m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(11)} + m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{111}^{(10)} - m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{021}^{(00)}\\
&-2m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{201}^{(10)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{111}^{(00)} + m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(22)}m_{210}^{(10)}\\
&-m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(22)}m_{120}^{(00)} - m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{120}^{(21)} + m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(11)}\\
&+m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(21)} - m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(11)} - m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(10)}\\
&+m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{021}^{(00)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{201}^{(10)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{111}^{(00)}\\
&-m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(20)}m_{120}^{(10)} + m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(20)}m_{030}^{(00)} + m_{100}^{(20)}m_{001}^{(21)}m_{002}^{(10)}m_{120}^{(10)}\\
&-m_{100}^{(20)}m_{001}^{(21)}m_{002}^{(10)}m_{030}^{(00)} - m_{100}^{(20)}m_{001}^{(21)}m_{002}^{(11)}m_{210}^{(10)} + m_{100}^{(20)}m_{001}^{(21)}m_{002}^{(11)}m_{120}^{(00)}\\
&+m_{100}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(21)} - m_{100}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(11)} - m_{100}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(21)}\\
&+m_{100}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(11)} - m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{030}^{(21)} + m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{021}^{(11)}\\
&+m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(21)} - m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{201}^{(11)} + m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{120}^{(21)}\\
&-m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(11)} - m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(21)} + m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(11)}\\
&+4(m_{100}^{(21)})^2m_{110}^{(20)}m_{111}^{(21)} - 2(m_{100}^{(21)})^2m_{110}^{(20)}m_{021}^{(20)} - 2(m_{100}^{(21)})^2m_{110}^{(20)}m_{012}^{(10)}\\
&-2(m_{100}^{(21)})^2m_{110}^{(21)}m_{201}^{(21)} + (m_{100}^{(21)})^2m_{110}^{(21)}m_{111}^{(20)} + (m_{100}^{(21)})^2m_{110}^{(21)}m_{102}^{(10)}\\
&-2(m_{100}^{(21)})^2m_{110}^{(22)}m_{210}^{(21)} + (m_{100}^{(21)})^2m_{110}^{(22)}m_{120}^{(20)} + (m_{100}^{(21)})^2m_{110}^{(22)}m_{111}^{(10)}\\
&-4(m_{100}^{(21)})^2m_{101}^{(10)}m_{111}^{(21)} + 2(m_{100}^{(21)})^2m_{101}^{(10)}m_{021}^{(20)} + 2(m_{100}^{(21)})^2m_{101}^{(10)}m_{012}^{(10)}\\
&+2(m_{100}^{(21)})^2m_{101}^{(11)}m_{201}^{(21)} - (m_{100}^{(21)})^2m_{101}^{(11)}m_{111}^{(20)} - (m_{100}^{(21)})^2m_{101}^{(11)}m_{102}^{(10)}
\end{aligned}
$$

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\begin{aligned}
&+2(m_{100}^{(21)})^2 m_{101}^{(21)} m_{210}^{(21)} - (m_{100}^{(21)})^2 m_{101}^{(21)} m_{120}^{(20)} - (m_{100}^{(21)})^2 m_{101}^{(21)} m_{111}^{(10)} \\
&-2(m_{100}^{(21)})^2 m_{020}^{(20)} m_{201}^{(21)} + (m_{100}^{(21)})^2 m_{020}^{(20)} m_{111}^{(20)} + (m_{100}^{(21)})^2 m_{020}^{(20)} m_{102}^{(10)} \\
&+2(m_{100}^{(21)})^2 m_{020}^{(22)} m_{300}^{(21)} - (m_{100}^{(21)})^2 m_{020}^{(22)} m_{210}^{(20)} - (m_{100}^{(21)})^2 m_{020}^{(22)} m_{201}^{(10)} \\
&+2(m_{100}^{(21)})^2 m_{011}^{(10)} m_{201}^{(21)} - (m_{100}^{(21)})^2 m_{011}^{(10)} m_{111}^{(20)} - (m_{100}^{(21)})^2 m_{011}^{(10)} m_{102}^{(10)} \\
&-2(m_{100}^{(21)})^2 m_{011}^{(20)} m_{210}^{(21)} + (m_{100}^{(21)})^2 m_{011}^{(20)} m_{120}^{(20)} + (m_{100}^{(21)})^2 m_{011}^{(20)} m_{111}^{(10)} \\
&+2(m_{100}^{(21)})^2 m_{002}^{(10)} m_{210}^{(21)} - (m_{100}^{(21)})^2 m_{002}^{(10)} m_{120}^{(20)} - (m_{100}^{(21)})^2 m_{002}^{(10)} m_{111}^{(10)} \\
&-2(m_{100}^{(21)})^2 m_{002}^{(11)} m_{300}^{(21)} + (m_{100}^{(21)})^2 m_{002}^{(11)} m_{210}^{(20)} + (m_{100}^{(21)})^2 m_{002}^{(11)} m_{201}^{(10)} \\
&-2m_{100}^{(21)} m_{100}^{(22)} m_{110}^{(20)} m_{120}^{(21)} - 2m_{100}^{(21)} m_{100}^{(22)} m_{110}^{(20)} m_{111}^{(11)} + m_{100}^{(21)} m_{100}^{(22)} m_{110}^{(20)} m_{030}^{(20)} \\
&+3m_{100}^{(21)} m_{100}^{(22)} m_{110}^{(20)} m_{021}^{(10)} + 2m_{100}^{(21)} m_{100}^{(22)} m_{110}^{(21)} m_{210}^{(21)} + m_{100}^{(21)} m_{100}^{(22)} m_{110}^{(21)} m_{201}^{(11)} \\
&-m_{100}^{(21)} m_{100}^{(22)} m_{110}^{(21)} m_{120}^{(20)} - 2m_{100}^{(21)} m_{100}^{(22)} m_{110}^{(21)} m_{111}^{(10)} + m_{100}^{(21)} m_{100}^{(22)} m_{110}^{(22)} m_{210}^{(11)} \\
&-m_{100}^{(21)} m_{100}^{(22)} m_{110}^{(22)} m_{120}^{(10)} + 2m_{100}^{(21)} m_{100}^{(22)} m_{101}^{(10)} m_{120}^{(21)} + 2m_{100}^{(21)} m_{100}^{(22)} m_{101}^{(10)} m_{111}^{(11)} \\
&-m_{100}^{(21)} m_{100}^{(22)} m_{101}^{(10)} m_{030}^{(20)} - 3m_{100}^{(21)} m_{100}^{(22)} m_{101}^{(10)} m_{021}^{(10)} - 2m_{100}^{(21)} m_{100}^{(22)} m_{101}^{(11)} m_{210}^{(21)} \\
&-m_{100}^{(21)} m_{100}^{(22)} m_{101}^{(11)} m_{201}^{(11)} + m_{100}^{(21)} m_{100}^{(22)} m_{101}^{(11)} m_{120}^{(20)} + 2m_{100}^{(21)} m_{100}^{(22)} m_{101}^{(11)} m_{111}^{(10)} \\
&-m_{100}^{(21)} m_{100}^{(22)} m_{101}^{(21)} m_{210}^{(11)} + m_{100}^{(21)} m_{100}^{(22)} m_{101}^{(21)} m_{120}^{(10)} + 2m_{100}^{(21)} m_{100}^{(22)} m_{020}^{(20)} m_{210}^{(21)} \\
&+m_{100}^{(21)} m_{100}^{(22)} m_{020}^{(20)} m_{201}^{(11)} - m_{100}^{(21)} m_{100}^{(22)} m_{020}^{(20)} m_{120}^{(20)} - 2m_{100}^{(21)} m_{100}^{(22)} m_{020}^{(20)} m_{111}^{(10)} \\
&-2m_{100}^{(21)} m_{100}^{(22)} m_{020}^{(21)} m_{300}^{(21)} + m_{100}^{(21)} m_{100}^{(22)} m_{020}^{(21)} m_{210}^{(20)} + m_{100}^{(21)} m_{100}^{(22)} m_{020}^{(21)} m_{201}^{(10)} \\
&-m_{100}^{(21)} m_{100}^{(22)} m_{020}^{(22)} m_{300}^{(11)} + m_{100}^{(21)} m_{100}^{(22)} m_{020}^{(22)} m_{210}^{(10)} - 2m_{100}^{(21)} m_{100}^{(22)} m_{011}^{(10)} m_{210}^{(21)} \\
&-m_{100}^{(21)} m_{100}^{(22)} m_{011}^{(10)} m_{201}^{(11)} + m_{100}^{(21)} m_{100}^{(22)} m_{011}^{(10)} m_{120}^{(20)} + 2m_{100}^{(21)} m_{100}^{(22)} m_{011}^{(10)} m_{111}^{(10)} \\
&+2m_{100}^{(21)} m_{100}^{(22)} m_{011}^{(11)} m_{300}^{(21)} - m_{100}^{(21)} m_{100}^{(22)} m_{011}^{(11)} m_{210}^{(20)} - m_{100}^{(21)} m_{100}^{(22)} m_{011}^{(11)} m_{201}^{(10)} \\
&+m_{100}^{(21)} m_{100}^{(22)} m_{011}^{(20)} m_{210}^{(11)} - m_{100}^{(21)} m_{100}^{(22)} m_{011}^{(20)} m_{120}^{(10)} - m_{100}^{(21)} m_{100}^{(22)} m_{002}^{(10)} m_{210}^{(11)} \\
&+m_{100}^{(21)} m_{100}^{(22)} m_{002}^{(10)} m_{120}^{(10)} + m_{100}^{(21)} m_{100}^{(22)} m_{002}^{(11)} m_{300}^{(11)} - m_{100}^{(21)} m_{100}^{(22)} m_{002}^{(11)} m_{210}^{(10)} \\
&-2m_{100}^{(21)} m_{010}^{(00)} m_{110}^{(20)} m_{021}^{(22)} + 2m_{100}^{(21)} m_{010}^{(00)} m_{110}^{(20)} m_{012}^{(21)} + m_{100}^{(21)} m_{010}^{(00)} m_{110}^{(21)} m_{111}^{(22)} \\
&+m_{100}^{(21)} m_{010}^{(00)} m_{110}^{(21)} m_{102}^{(21)} - m_{100}^{(21)} m_{010}^{(00)} m_{110}^{(21)} m_{012}^{(20)} - m_{100}^{(21)} m_{010}^{(00)} m_{110}^{(21)} m_{003}^{(10)} \\
&+m_{100}^{(21)} m_{010}^{(00)} m_{110}^{(22)} m_{120}^{(22)} - 3m_{100}^{(21)} m_{010}^{(00)} m_{110}^{(22)} m_{111}^{(21)} + m_{100}^{(21)} m_{010}^{(00)} m_{110}^{(22)} m_{021}^{(20)} \\
&+m_{100}^{(21)} m_{010}^{(00)} m_{110}^{(22)} m_{012}^{(10)} + 2m_{100}^{(21)} m_{010}^{(00)} m_{101}^{(10)} m_{021}^{(22)} - 2m_{100}^{(21)} m_{010}^{(00)} m_{101}^{(10)} m_{012}^{(21)} \\
&-m_{100}^{(21)} m_{010}^{(00)} m_{101}^{(11)} m_{111}^{(22)} + m_{100}^{(21)} m_{010}^{(00)} m_{101}^{(11)} m_{102}^{(21)} - m_{100}^{(21)} m_{010}^{(00)} m_{101}^{(21)} m_{120}^{(22)} \\
&-m_{100}^{(21)} m_{010}^{(00)} m_{101}^{(21)} m_{111}^{(21)} + m_{100}^{(21)} m_{010}^{(00)} m_{101}^{(21)} m_{021}^{(20)} + m_{100}^{(21)} m_{010}^{(00)} m_{101}^{(21)} m_{012}^{(10)} \\
&+2m_{100}^{(21)} m_{010}^{(00)} m_{101}^{(22)} m_{120}^{(21)} - m_{100}^{(21)} m_{010}^{(00)} m_{101}^{(22)} m_{030}^{(20)} - m_{100}^{(21)} m_{010}^{(00)} m_{101}^{(22)} m_{021}^{(10)} \\
&+m_{100}^{(21)} m_{010}^{(00)} m_{020}^{(20)} m_{111}^{(22)} - m_{100}^{(21)} m_{010}^{(00)} m_{020}^{(20)} m_{102}^{(21)} - m_{100}^{(21)} m_{010}^{(00)} m_{020}^{(22)} m_{210}^{(22)} \\
&+m_{100}^{(21)} m_{010}^{(00)} m_{020}^{(22)} m_{201}^{(21)} - m_{100}^{(21)} m_{010}^{(00)} m_{020}^{(10)} m_{111}^{(22)} - m_{100}^{(21)} m_{010}^{(00)} m_{020}^{(10)} m_{011}^{(21)} m_{102}^{(10)} \\
&+m_{100}^{(21)} m_{010}^{(00)} m_{011}^{(10)} m_{012}^{(20)} + m_{100}^{(21)} m_{010}^{(00)} m_{011}^{(10)} m_{003}^{(10)} + m_{100}^{(21)} m_{010}^{(00)} m_{011}^{(20)} m_{120}^{(22)} \\
&+m_{100}^{(21)} m_{010}^{(00)} m_{011}^{(20)} m_{111}^{(21)} - m_{100}^{(21)} m_{010}^{(00)} m_{011}^{(20)} m_{021}^{(20)} - m_{100}^{(21)} m_{010}^{(00)} m_{011}^{(20)} m_{012}^{(10)} \\
&-m_{100}^{(21)} m_{010}^{(00)} m_{002}^{(10)} m_{120}^{(22)} + 3m_{100}^{(21)} m_{010}^{(00)} m_{002}^{(10)} m_{111}^{(21)} - m_{100}^{(21)} m_{010}^{(00)} m_{002}^{(10)} m_{021}^{(20)} \\
&-m_{100}^{(21)} m_{010}^{(00)} m_{002}^{(10)} m_{012}^{(10)} + m_{100}^{(21)} m_{010}^{(00)} m_{002}^{(11)} m_{210}^{(22)} - m_{100}^{(21)} m_{010}^{(00)} m_{002}^{(11)} m_{201}^{(21)} \\
&-2m_{100}^{(21)} m_{010}^{(00)} m_{002}^{(20)} m_{120}^{(21)} + m_{100}^{(21)} m_{010}^{(00)} m_{002}^{(20)} m_{030}^{(20)} + m_{100}^{(21)} m_{010}^{(00)} m_{002}^{(20)} m_{021}^{(10)} \\
&-2m_{100}^{(21)} m_{010}^{(10)} m_{200}^{(21)} m_{102}^{(21)} + m_{100}^{(21)} m_{010}^{(10)} m_{200}^{(21)} m_{012}^{(20)} + m_{100}^{(21)} m_{010}^{(10)} m_{200}^{(21)} m_{003}^{(10)} \\
&+2m_{100}^{(21)} m_{010}^{(10)} m_{200}^{(22)} m_{111}^{(21)} - m_{100}^{(21)} m_{010}^{(10)} m_{200}^{(22)} m_{021}^{(20)} - m_{100}^{(21)} m_{010}^{(10)} m_{200}^{(22)} m_{012}^{(10)} \\
&+2m_{100}^{(21)} m_{010}^{(10)} m_{110}^{(20)} m_{111}^{(22)} - 2m_{100}^{(21)} m_{010}^{(10)} m_{110}^{(20)} m_{102}^{(21)} - m_{100}^{(21)} m_{010}^{(10)} m_{110}^{(20)} m_{012}^{(20)}
\end{aligned}
$$

$$+m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{003}^{(10)} - m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(21)}m_{201}^{(22)} + m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(21)}m_{102}^{(20)}$$
$$-m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(22)}m_{210}^{(22)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(22)}m_{201}^{(21)} - m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(22)}m_{102}^{(10)}$$
$$-2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(10)}m_{111}^{(22)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(10)}m_{102}^{(21)} + m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(10)}m_{012}^{(20)}$$
$$-m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(10)}m_{003}^{(10)} + m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(11)}m_{201}^{(22)} - m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(11)}m_{102}^{(20)}$$
$$+m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{210}^{(22)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{201}^{(21)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(20)}$$
$$-m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{102}^{(10)} - 4m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(22)}m_{210}^{(21)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(22)}m_{120}^{(20)}$$
$$+2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(22)}m_{111}^{(10)} - m_{100}^{(21)}m_{010}^{(10)}m_{020}^{(20)}m_{201}^{(22)} + m_{100}^{(21)}m_{010}^{(10)}m_{020}^{(20)}m_{102}^{(20)}$$
$$+m_{100}^{(21)}m_{010}^{(10)}m_{020}^{(22)}m_{300}^{(22)} - m_{100}^{(21)}m_{010}^{(10)}m_{020}^{(22)}m_{201}^{(20)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(00)}m_{102}^{(21)}$$
$$-m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(00)}m_{012}^{(20)} - m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(00)}m_{003}^{(10)} + m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(10)}m_{201}^{(22)}$$
$$-m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(10)}m_{102}^{(20)} - m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{210}^{(22)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{201}^{(21)}$$
$$+2m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{111}^{(20)} + m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{102}^{(10)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(00)}m_{111}^{(21)}$$
$$+m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(00)}m_{021}^{(20)} + m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(00)}m_{012}^{(10)} + m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{210}^{(22)}$$
$$-2m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{201}^{(21)} + m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{102}^{(10)} - m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(11)}m_{300}^{(22)}$$
$$+m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(11)}m_{201}^{(20)} + 4m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(20)}m_{210}^{(21)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(20)}m_{120}^{(20)}$$
$$-2m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(20)}m_{111}^{(10)} + 2m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(20)}m_{102}^{(21)} - m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(20)}m_{012}^{(20)}$$
$$-m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(20)}m_{003}^{(10)} - 2m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(22)}m_{201}^{(21)} + m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(22)}m_{111}^{(20)}$$
$$+m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(22)}m_{102}^{(10)} - 2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(00)}m_{102}^{(21)} + m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(00)}m_{012}^{(20)}$$
$$+m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(00)}m_{003}^{(10)} + 2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(22)}m_{300}^{(21)} - m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(22)}m_{210}^{(20)}$$
$$-m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(22)}m_{201}^{(10)} + 2m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(00)}m_{201}^{(21)} - m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(00)}m_{111}^{(20)}$$
$$-m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(00)}m_{102}^{(10)} - 2m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(20)}m_{300}^{(21)} + m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(20)}m_{210}^{(20)}$$
$$+m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(20)}m_{201}^{(10)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{111}^{(21)} - m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{021}^{(20)}$$
$$-m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{012}^{(10)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(22)}m_{120}^{(21)} + m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(22)}m_{030}^{(20)}$$
$$+m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(22)}m_{021}^{(10)} + 3m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{021}^{(20)} - 3m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(10)}$$
$$-3m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{201}^{(21)} + 3m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{102}^{(10)} + 3m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(22)}m_{210}^{(21)}$$
$$-3m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(22)}m_{120}^{(20)} - 3m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{021}^{(20)} + 3m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{012}^{(10)}$$
$$-m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(11)}m_{201}^{(21)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(11)}m_{111}^{(20)} - m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(11)}m_{102}^{(10)}$$
$$+m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{210}^{(21)} + m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{120}^{(20)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(10)}$$
$$+m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(20)}m_{201}^{(21)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(20)}m_{111}^{(20)} + m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(20)}m_{102}^{(10)}$$
$$-m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(22)}m_{300}^{(21)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(22)}m_{210}^{(20)} - m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(22)}m_{201}^{(10)}$$
$$-2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{111}^{(21)} + m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{021}^{(20)} + m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{012}^{(10)}$$
$$+3m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{201}^{(21)} - 3m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{102}^{(10)} - m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{210}^{(21)}$$
$$-m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{120}^{(20)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(10)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(00)}m_{120}^{(21)}$$
$$-m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(00)}m_{030}^{(20)} - m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(00)}m_{021}^{(10)} - 3m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(10)}m_{210}^{(21)}$$
$$+3m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(10)}m_{120}^{(20)} + m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(11)}m_{300}^{(21)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(11)}m_{210}^{(20)}$$
$$+m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(11)}m_{201}^{(10)} - 4m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{111}^{(21)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{021}^{(20)}$$
$$+2m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(10)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(21)}m_{201}^{(21)} - m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(20)}$$
$$-m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(21)}m_{102}^{(10)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(22)}m_{210}^{(21)} - m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(22)}m_{120}^{(20)}$$
$$-m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(22)}m_{111}^{(10)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(20)}m_{201}^{(21)} - 3m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(20)}$$

$$
\begin{aligned}
&-m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(10)}+2m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(20)}m_{012}^{(00)}+m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(21)}m_{201}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(21)}m_{102}^{(00)}-2m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(22)}m_{300}^{(21)}+2m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(22)}m_{210}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(22)}m_{201}^{(10)}-m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(22)}m_{111}^{(00)}+4m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{111}^{(21)}\\
&-2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{021}^{(20)}-2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{012}^{(10)}-2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{201}^{(21)}\\
&+3m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(20)}+m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{102}^{(10)}-2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{012}^{(00)}\\
&-m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(11)}m_{201}^{(20)}+m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(11)}m_{102}^{(00)}-2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(21)}m_{300}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(21)}m_{201}^{(10)}+m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(00)}+m_{100}^{(21)}m_{010}^{(21)}m_{020}^{(20)}m_{201}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(21)}m_{020}^{(20)}m_{102}^{(00)}-m_{100}^{(21)}m_{010}^{(21)}m_{020}^{(22)}m_{300}^{(20)}+m_{100}^{(21)}m_{010}^{(21)}m_{020}^{(22)}m_{201}^{(00)}\\
&-2m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(00)}m_{201}^{(21)}+m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(00)}m_{111}^{(20)}+m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(00)}m_{102}^{(10)}\\
&-m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(20)}+m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(10)}m_{102}^{(00)}+2m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(20)}m_{300}^{(21)}\\
&-m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(10)}-m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(20)}m_{111}^{(00)}-2m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(00)}m_{210}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(00)}m_{120}^{(20)}+m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(00)}m_{111}^{(10)}+2m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(10)}m_{300}^{(21)}\\
&-2m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(10)}m_{210}^{(20)}-m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(10)}m_{201}^{(10)}+m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(10)}m_{111}^{(00)}\\
&+m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(11)}m_{300}^{(20)}-m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(11)}m_{201}^{(00)}+2m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{120}^{(21)}\\
&-m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{030}^{(20)}-m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(10)}-2m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{210}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{120}^{(20)}+m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(10)}-2m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{110}^{(21)}m_{210}\\
&+m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{120}^{(20)}+3m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(10)}-2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{021}^{(00)}\\
&+2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(21)}m_{300}^{(21)}-m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(21)}m_{210}^{(20)}-2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(10)}\\
&+m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(00)}-m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(22)}m_{210}^{(10)}+m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(22)}m_{120}^{(00)}\\
&-2m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(00)}m_{120}^{(21)}+m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(00)}m_{030}^{(20)}+m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(00)}m_{021}^{(10)}\\
&+2m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{210}^{(21)}-m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{120}^{(20)}-3m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(10)}\\
&+2m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{021}^{(00)}+m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(11)}m_{201}^{(10)}-m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(11)}m_{111}^{(00)}\\
&+m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(10)}-m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(21)}m_{120}^{(00)}-m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(20)}m_{201}^{(10)}\\
&+m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(20)}m_{111}^{(00)}+m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(22)}m_{300}^{(10)}-m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(22)}m_{210}^{(00)}\\
&+2m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{210}^{(21)}-m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{120}^{(20)}-m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{111}^{(10)}\\
&-2m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(10)}m_{300}^{(21)}+m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(10)}m_{210}^{(20)}+2m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(10)}m_{201}^{(10)}\\
&-m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(10)}m_{111}^{(00)}-m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(10)}+m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(20)}m_{120}^{(00)}\\
&+m_{100}^{(21)}m_{010}^{(22)}m_{002}^{(10)}m_{210}^{(10)}-m_{100}^{(21)}m_{010}^{(22)}m_{002}^{(10)}m_{120}^{(00)}-m_{100}^{(21)}m_{010}^{(22)}m_{002}^{(11)}m_{300}^{(10)}\\
&+m_{100}^{(21)}m_{010}^{(22)}m_{002}^{(11)}m_{210}^{(00)}-2m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(11)}m_{102}^{(21)}+m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(11)}m_{012}^{(20)}\\
&+m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(11)}m_{003}^{(10)}+2m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{021}^{(21)}-2m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{012}^{(11)}\\
&+m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{111}^{(21)}+m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{102}^{(11)}-m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{021}^{(20)}\\
&-m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(10)}-m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(22)}m_{120}^{(21)}+m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(22)}m_{111}^{(11)}\\
&-2m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(10)}m_{021}^{(21)}+2m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(10)}m_{012}^{(11)}+3m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(11)}m_{111}^{(21)}\\
&-m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(11)}m_{102}^{(11)}-m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(11)}m_{021}^{(20)}-m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(11)}m_{012}^{(10)}\\
&-m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{120}^{(21)}-m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{111}^{(11)}+m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{030}^{(20)}\\
&+m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(10)}+2m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(10)}m_{102}^{(21)}-m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(10)}m_{012}^{(20)}\\
&-m_{100}^{(21)}m_{001}^{(00)}m_{010}^{(10)}m_{003}^{(10)}-3m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(20)}m_{111}^{(21)}+m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(20)}m_{102}^{(11)}\\
&+m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(20)}m_{021}^{(20)}+m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(20)}m_{012}^{(10)}+m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(22)}m_{210}^{(21)}
\end{aligned}
$$

$$
\begin{aligned}
&-m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(22)}m_{201}^{(11)} - m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(21)} - m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{102}^{(11)}\\
&+m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{021}^{(20)} + m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(10)} + m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{120}^{(21)}\\
&+m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(11)} - m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{030}^{(20)} - m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(10)}\\
&+m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(10)}m_{120}^{(21)} - m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(10)}m_{111}^{(11)} - m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(11)}m_{210}^{(21)}\\
&+m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(11)}m_{201}^{(11)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(11)}m_{102}^{(21)} - m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(11)}m_{012}^{(20)}\\
&-m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(11)}m_{003}^{(10)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{111}^{(21)} + m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(20)}\\
&+m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(10)} - 3m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(20)} + 3m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(10)}\\
&-m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{201}^{(21)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(20)} - m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(10)}\\
&+m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(22)}m_{210}^{(21)} + m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(22)}m_{120}^{(20)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(10)}\\
&+3m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(20)} - 3m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(10)} - 3m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(11)}m_{201}^{(21)}\\
&+3m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(11)}m_{102}^{(10)} + 3m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{210}^{(21)} - 3m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(20)}\\
&-2m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(00)}m_{102}^{(21)} + m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(00)}m_{012}^{(20)} + m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(00)}m_{003}^{(10)}\\
&+3m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(20)}m_{201}^{(21)} - 3m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(10)} - m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(22)}m_{300}^{(21)}\\
&-m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(22)}m_{210}^{(20)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(22)}m_{201}^{(10)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{111}^{(21)}\\
&-m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{021}^{(20)} - m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{012}^{(10)} + m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(21)}\\
&-2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(20)} + m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(10)} - 3m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(21)}\\
&+3m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(20)} - m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{210}^{(21)} - m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{120}^{(20)}\\
&+2m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(10)} + m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(11)}m_{300}^{(21)} + m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(11)}m_{210}^{(20)}\\
&-2m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(11)}m_{201}^{(10)} - 2m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{102}^{(21)} + m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(20)}\\
&+m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{003}^{(10)} + 2m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{201}^{(21)} - m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{111}^{(20)}\\
&-m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(10)} + 2m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(00)}m_{102}^{(21)} - m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(00)}m_{012}^{(20)}\\
&-m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(00)}m_{003}^{(10)} - 2m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{201}^{(21)} + 3m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(20)}\\
&+m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(10)} - 2m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{012}^{(00)} - m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(21)}m_{201}^{(20)}\\
&+m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(21)}m_{102}^{(00)} - m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(22)}m_{210}^{(20)} + m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(22)}m_{111}^{(00)}\\
&+2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(21)} - 3m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(20)} - m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(10)}\\
&+2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{012}^{(00)} + m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(11)}m_{201}^{(20)} - m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(11)}m_{102}^{(00)}\\
&-2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{300}^{(21)} + 2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{210}^{(20)} + m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(10)}\\
&-m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(00)} - m_{100}^{(21)}m_{001}^{(11)}m_{020}^{(20)}m_{201}^{(20)} + m_{100}^{(21)}m_{001}^{(11)}m_{020}^{(20)}m_{102}^{(00)}\\
&+m_{100}^{(21)}m_{001}^{(11)}m_{020}^{(22)}m_{300}^{(20)} - m_{100}^{(21)}m_{001}^{(11)}m_{020}^{(22)}m_{201}^{(00)} - 2m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(00)}m_{201}^{(21)}\\
&+m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(00)}m_{111}^{(20)} + m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(00)}m_{102}^{(10)} + m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(20)}\\
&-m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(10)}m_{102}^{(00)} + 2m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(20)}m_{300}^{(21)} - 2m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(20)}m_{210}^{(20)}\\
&-m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(10)} + m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(00)} + m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(10)}m_{210}^{(20)}\\
&-m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(10)}m_{111}^{(00)} - m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(11)}m_{300}^{(20)} + m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(11)}m_{201}^{(00)}\\
&-2m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{111}^{(21)} + m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(20)} + m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{012}^{(10)}\\
&+2m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{120}^{(21)} - m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{030}^{(20)} - m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(10)}\\
&+4m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{201}^{(21)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(20)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{102}^{(10)}\\
&-2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(21)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(11)} + m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{030}^{(20)}\\
&-m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(10)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(21)} - m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{201}^{(11)}
\end{aligned}
$$

$$+m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(20)}+2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(10)}-m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(22)}m_{210}^{(11)}$$
$$+m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(22)}m_{120}^{(10)}+2m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(21)}-2m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(11)}$$
$$-m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(20)}+m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(10)}-2m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{210}^{(21)}$$
$$+m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{201}^{(11)}+m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(20)}+m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(21)}m_{210}^{(11)}$$
$$-m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(10)}+2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(21)}-m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{021}^{(20)}$$
$$-m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{012}^{(10)}-4m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(21)}+2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(20)}$$
$$+2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(10)}+2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(21)}-m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{201}^{(11)}$$
$$-m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{120}^{(20)}+m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(22)}m_{300}^{(11)}-m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(22)}m_{210}^{(10)}$$
$$-2m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(21)}+m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{030}^{(20)}+m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{021}^{(10)}$$
$$+2m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(21)}+m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(11)}-m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(20)}$$
$$-2m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(10)}-m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(11)}+m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(10)}$$
$$+m_{100}^{(21)}m_{001}^{(20)}m_{002}^{(10)}m_{210}^{(11)}-m_{100}^{(21)}m_{001}^{(20)}m_{002}^{(10)}m_{120}^{(10)}-m_{100}^{(21)}m_{001}^{(20)}m_{002}^{(11)}m_{300}^{(11)}$$
$$+m_{100}^{(21)}m_{001}^{(20)}m_{002}^{(11)}m_{210}^{(10)}+4m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(21)}-2m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(20)}$$
$$-2m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(10)}-2m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(11)}m_{201}^{(21)}+m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(20)}$$
$$+m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(11)}m_{102}^{(10)}-2m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{210}^{(21)}+m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(20)}$$
$$+m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(10)}-4m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(21)}+2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{021}^{(20)}$$
$$+2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{012}^{(10)}+2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(21)}-m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(20)}$$
$$-3m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(10)}+2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{021}^{(00)}+2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{300}^{(21)}$$
$$-m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(20)}-m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(00)}+m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(10)}$$
$$-m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(22)}m_{120}^{(00)}-2m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(21)}+m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(20)}$$
$$+3m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(10)}-2m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(00)}+2m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(11)}m_{300}^{(21)}$$
$$-m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(20)}-2m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(10)}+m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(11)}m_{111}^{(00)}$$
$$-m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(10)}+m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(00)}+2m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(21)}$$
$$-m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(20)}-m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(00)}m_{102}^{(10)}-2m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{300}^{(21)}$$
$$+m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(20)}+2m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(10)}-m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{111}^{(00)}$$
$$-m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(22)}m_{300}^{(10)}+m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(22)}m_{210}^{(00)}+2m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(21)}$$
$$-m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{120}^{(20)}-m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(10)}-2m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(21)}$$
$$+m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(20)}+m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(00)}+m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(10)}$$
$$-m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(20)}m_{120}^{(00)}-m_{100}^{(21)}m_{001}^{(21)}m_{002}^{(10)}m_{210}^{(10)}+m_{100}^{(21)}m_{001}^{(21)}m_{002}^{(10)}m_{120}^{(00)}$$
$$+m_{100}^{(21)}m_{001}^{(21)}m_{002}^{(11)}m_{300}^{(10)}-m_{100}^{(21)}m_{001}^{(21)}m_{002}^{(11)}m_{210}^{(00)}-2m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(21)}$$
$$+m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(20)}+m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(10)}+2m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{210}^{(21)}$$
$$-m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(20)}-m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(10)}+2m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(00)}m_{110}^{(21)}m_{120}^{(21)}$$
$$-m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{030}^{(20)}-m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{021}^{(10)}-2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(11)}m_{300}^{(21)}$$
$$+m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(20)}+m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(11)}m_{201}^{(10)}-2m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(21)}$$
$$+m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{120}^{(20)}+m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(10)}+2m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(21)}$$
$$-m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(20)}-m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(10)}+(m_{100}^{(22)})^2m_{110}^{(20)}m_{120}^{(11)}$$
$$-(m_{100}^{(22)})^2m_{110}^{(20)}m_{030}^{(10)}-(m_{100}^{(22)})^2m_{110}^{(21)}m_{210}^{(11)}+(m_{100}^{(22)})^2m_{110}^{(21)}m_{120}^{(10)}$$
$$-(m_{100}^{(22)})^2m_{101}^{(10)}m_{120}^{(11)}+(m_{100}^{(22)})^2m_{101}^{(10)}m_{030}^{(10)}+(m_{100}^{(22)})^2m_{101}^{(11)}m_{210}^{(11)}$$

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\begin{aligned}
&-(m_{100}^{(22)})^2 m_{101}^{(11)} m_{120}^{(10)} - (m_{100}^{(22)})^2 m_{020}^{(20)} m_{210}^{(11)} + (m_{100}^{(22)})^2 m_{020}^{(20)} m_{120}^{(10)} \\
&+(m_{100}^{(22)})^2 m_{020}^{(21)} m_{300}^{(11)} - (m_{100}^{(22)})^2 m_{020}^{(21)} m_{210}^{(10)} + (m_{100}^{(22)})^2 m_{011}^{(10)} m_{210}^{(11)} \\
&-(m_{100}^{(22)})^2 m_{011}^{(10)} m_{120}^{(10)} - (m_{100}^{(22)})^2 m_{011}^{(11)} m_{300}^{(11)} + (m_{100}^{(22)})^2 m_{011}^{(11)} m_{210}^{(10)} \\
&+m_{100}^{(22)} m_{010}^{(00)} m_{110}^{(20)} m_{030}^{(22)} - m_{100}^{(22)} m_{010}^{(00)} m_{110}^{(20)} m_{021}^{(21)} - m_{100}^{(22)} m_{010}^{(00)} m_{110}^{(21)} m_{120}^{(22)} \\
&+m_{100}^{(22)} m_{010}^{(00)} m_{110}^{(21)} m_{111}^{(21)} - m_{100}^{(22)} m_{010}^{(00)} m_{110}^{(21)} m_{102}^{(11)} + m_{100}^{(22)} m_{010}^{(00)} m_{110}^{(21)} m_{012}^{(10)} \\
&+m_{100}^{(22)} m_{010}^{(00)} m_{110}^{(22)} m_{111}^{(11)} - m_{100}^{(22)} m_{010}^{(00)} m_{110}^{(22)} m_{021}^{(10)} - m_{100}^{(22)} m_{010}^{(00)} m_{101}^{(10)} m_{030}^{(22)} \\
&+m_{100}^{(22)} m_{010}^{(00)} m_{101}^{(10)} m_{021}^{(21)} + m_{100}^{(22)} m_{010}^{(00)} m_{101}^{(11)} m_{120}^{(22)} - m_{100}^{(22)} m_{010}^{(00)} m_{101}^{(11)} m_{111}^{(21)} \\
&+m_{100}^{(22)} m_{010}^{(00)} m_{101}^{(21)} m_{111}^{(11)} - m_{100}^{(22)} m_{010}^{(00)} m_{101}^{(21)} m_{021}^{(10)} - m_{100}^{(22)} m_{010}^{(00)} m_{101}^{(22)} m_{120}^{(11)} \\
&+m_{100}^{(22)} m_{010}^{(00)} m_{101}^{(22)} m_{030}^{(10)} - m_{100}^{(22)} m_{010}^{(00)} m_{020}^{(20)} m_{120}^{(22)} + m_{100}^{(22)} m_{010}^{(00)} m_{020}^{(20)} m_{111}^{(21)} \\
&+m_{100}^{(22)} m_{010}^{(00)} m_{020}^{(21)} m_{210}^{(22)} - m_{100}^{(22)} m_{010}^{(00)} m_{020}^{(21)} m_{201}^{(21)} + m_{100}^{(22)} m_{010}^{(00)} m_{011}^{(10)} m_{120}^{(22)} \\
&-m_{100}^{(22)} m_{010}^{(00)} m_{011}^{(10)} m_{111}^{(21)} + m_{100}^{(22)} m_{010}^{(00)} m_{011}^{(10)} m_{102}^{(11)} - m_{100}^{(22)} m_{010}^{(00)} m_{011}^{(10)} m_{012}^{(10)} \\
&-m_{100}^{(22)} m_{010}^{(00)} m_{011}^{(11)} m_{210}^{(22)} + m_{100}^{(22)} m_{010}^{(00)} m_{011}^{(11)} m_{201}^{(21)} - m_{100}^{(22)} m_{010}^{(00)} m_{011}^{(20)} m_{111}^{(11)} \\
&+m_{100}^{(22)} m_{010}^{(00)} m_{011}^{(20)} m_{021}^{(10)} - m_{100}^{(22)} m_{010}^{(00)} m_{002}^{(10)} m_{111}^{(11)} + m_{100}^{(22)} m_{010}^{(00)} m_{002}^{(10)} m_{021}^{(10)} \\
&+m_{100}^{(22)} m_{010}^{(00)} m_{002}^{(20)} m_{120}^{(11)} - m_{100}^{(22)} m_{010}^{(00)} m_{002}^{(20)} m_{030}^{(10)} + m_{100}^{(22)} m_{010}^{(10)} m_{200}^{(21)} m_{102}^{(11)} \\
&-m_{100}^{(22)} m_{010}^{(10)} m_{200}^{(21)} m_{012}^{(10)} - m_{100}^{(22)} m_{010}^{(10)} m_{200}^{(22)} m_{111}^{(11)} + m_{100}^{(22)} m_{010}^{(10)} m_{200}^{(22)} m_{021}^{(10)} \\
&-m_{100}^{(22)} m_{010}^{(10)} m_{110}^{(20)} m_{120}^{(22)} + m_{100}^{(22)} m_{010}^{(10)} m_{110}^{(20)} m_{102}^{(11)} + m_{100}^{(22)} m_{010}^{(10)} m_{110}^{(20)} m_{021}^{(20)} \\
&-m_{100}^{(22)} m_{010}^{(10)} m_{110}^{(20)} m_{012}^{(10)} + m_{100}^{(22)} m_{010}^{(10)} m_{110}^{(21)} m_{210}^{(22)} - m_{100}^{(22)} m_{010}^{(10)} m_{110}^{(21)} m_{111}^{(20)} \\
&-m_{100}^{(22)} m_{010}^{(10)} m_{110}^{(22)} m_{201}^{(11)} + m_{100}^{(22)} m_{010}^{(10)} m_{110}^{(22)} m_{111}^{(10)} + m_{100}^{(22)} m_{010}^{(10)} m_{101}^{(10)} m_{120}^{(22)} \\
&-m_{100}^{(22)} m_{010}^{(10)} m_{101}^{(10)} m_{102}^{(11)} - m_{100}^{(22)} m_{010}^{(10)} m_{101}^{(10)} m_{021}^{(20)} + m_{100}^{(22)} m_{010}^{(10)} m_{101}^{(10)} m_{012}^{(10)} \\
&-m_{100}^{(22)} m_{010}^{(10)} m_{101}^{(11)} m_{210}^{(22)} + m_{100}^{(22)} m_{010}^{(10)} m_{101}^{(11)} m_{111}^{(20)} - m_{100}^{(22)} m_{010}^{(10)} m_{101}^{(21)} m_{111}^{(11)} \\
&+m_{100}^{(22)} m_{010}^{(10)} m_{101}^{(21)} m_{111}^{(10)} + 2m_{100}^{(22)} m_{010}^{(10)} m_{101}^{(22)} m_{210}^{(11)} - 2m_{100}^{(22)} m_{010}^{(10)} m_{101}^{(22)} m_{120}^{(10)} \\
&+m_{100}^{(22)} m_{010}^{(10)} m_{020}^{(20)} m_{210}^{(22)} - m_{100}^{(22)} m_{010}^{(10)} m_{020}^{(20)} m_{111}^{(20)} - m_{100}^{(22)} m_{010}^{(10)} m_{020}^{(21)} m_{300}^{(22)} \\
&+m_{100}^{(22)} m_{010}^{(10)} m_{020}^{(21)} m_{201}^{(20)} - m_{100}^{(22)} m_{010}^{(10)} m_{011}^{(00)} m_{102}^{(11)} + m_{100}^{(22)} m_{010}^{(10)} m_{011}^{(00)} m_{012}^{(10)} \\
&-m_{100}^{(22)} m_{010}^{(10)} m_{011}^{(10)} m_{210}^{(22)} + m_{100}^{(22)} m_{010}^{(10)} m_{011}^{(10)} m_{111}^{(20)} + m_{100}^{(22)} m_{010}^{(10)} m_{011}^{(11)} m_{300}^{(22)} \\
&-m_{100}^{(22)} m_{010}^{(10)} m_{011}^{(11)} m_{201}^{(20)} + m_{100}^{(22)} m_{010}^{(10)} m_{011}^{(20)} m_{201}^{(11)} - m_{100}^{(22)} m_{010}^{(10)} m_{011}^{(20)} m_{111}^{(10)} \\
&+m_{100}^{(22)} m_{010}^{(10)} m_{002}^{(00)} m_{111}^{(11)} - m_{100}^{(22)} m_{010}^{(10)} m_{002}^{(00)} m_{021}^{(10)} + m_{100}^{(22)} m_{010}^{(10)} m_{002}^{(10)} m_{201}^{(11)} \\
&-m_{100}^{(22)} m_{010}^{(10)} m_{002}^{(10)} m_{111}^{(10)} - 2m_{100}^{(22)} m_{010}^{(10)} m_{002}^{(20)} m_{210}^{(11)} + 2m_{100}^{(22)} m_{010}^{(10)} m_{002}^{(20)} m_{120}^{(10)} \\
&-m_{100}^{(22)} m_{010}^{(11)} m_{200}^{(20)} m_{102}^{(11)} + m_{100}^{(22)} m_{010}^{(11)} m_{200}^{(20)} m_{012}^{(10)} + m_{100}^{(22)} m_{010}^{(11)} m_{200}^{(22)} m_{201}^{(11)} \\
&-m_{100}^{(22)} m_{010}^{(11)} m_{200}^{(22)} m_{111}^{(10)} + m_{100}^{(22)} m_{010}^{(11)} m_{101}^{(00)} m_{102}^{(11)} - m_{100}^{(22)} m_{010}^{(11)} m_{101}^{(00)} m_{012}^{(10)} \\
&-m_{100}^{(22)} m_{010}^{(11)} m_{101}^{(22)} m_{300}^{(11)} + m_{100}^{(22)} m_{010}^{(11)} m_{101}^{(22)} m_{210}^{(10)} - m_{100}^{(22)} m_{010}^{(11)} m_{002}^{(00)} m_{201}^{(11)} \\
&+m_{100}^{(22)} m_{010}^{(11)} m_{002}^{(00)} m_{111}^{(10)} + m_{100}^{(22)} m_{010}^{(11)} m_{002}^{(20)} m_{300}^{(11)} - m_{100}^{(22)} m_{010}^{(11)} m_{002}^{(20)} m_{210}^{(10)} \\
&-m_{100}^{(22)} m_{010}^{(20)} m_{200}^{(21)} m_{111}^{(11)} + m_{100}^{(22)} m_{010}^{(20)} m_{200}^{(21)} m_{021}^{(10)} + m_{100}^{(22)} m_{010}^{(20)} m_{200}^{(22)} m_{120}^{(11)} \\
&-m_{100}^{(22)} m_{010}^{(20)} m_{200}^{(22)} m_{030}^{(10)} + m_{100}^{(22)} m_{010}^{(20)} m_{110}^{(20)} m_{120}^{(21)} - m_{100}^{(22)} m_{010}^{(20)} m_{110}^{(20)} m_{111}^{(11)} \\
&-2m_{100}^{(22)} m_{010}^{(20)} m_{110}^{(20)} m_{030}^{(20)} + 2m_{100}^{(22)} m_{010}^{(20)} m_{110}^{(20)} m_{021}^{(10)} - m_{100}^{(22)} m_{010}^{(20)} m_{110}^{(21)} m_{210}^{(21)} \\
&+2m_{100}^{(22)} m_{010}^{(20)} m_{110}^{(21)} m_{201}^{(11)} + 2m_{100}^{(22)} m_{010}^{(20)} m_{110}^{(21)} m_{120}^{(20)} - 3m_{100}^{(22)} m_{010}^{(20)} m_{110}^{(21)} m_{111}^{(10)} \\
&-m_{100}^{(22)} m_{010}^{(20)} m_{110}^{(22)} m_{210}^{(11)} + m_{100}^{(22)} m_{010}^{(20)} m_{110}^{(22)} m_{120}^{(10)} - m_{100}^{(22)} m_{010}^{(20)} m_{101}^{(10)} m_{120}^{(21)} \\
&+m_{100}^{(22)} m_{010}^{(20)} m_{101}^{(10)} m_{111}^{(11)} + 2m_{100}^{(22)} m_{010}^{(20)} m_{101}^{(10)} m_{030}^{(20)} - 2m_{100}^{(22)} m_{010}^{(20)} m_{101}^{(10)} m_{021}^{(10)} \\
&+m_{100}^{(22)} m_{010}^{(20)} m_{101}^{(11)} m_{210}^{(21)} - 2m_{100}^{(22)} m_{010}^{(20)} m_{101}^{(11)} m_{120}^{(20)} + m_{100}^{(22)} m_{010}^{(20)} m_{101}^{(11)} m_{111}^{(10)}
\end{aligned}
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\begin{aligned}
&-m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(21)}m_{210}^{(11)}+m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(21)}m_{120}^{(10)}-m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(20)}m_{210}^{(21)}\\
&+2m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(20)}m_{120}^{(20)}-m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(20)}m_{111}^{(10)}+m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(21)}m_{300}^{(21)}\\
&-2m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(21)}m_{210}^{(20)}+m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(21)}m_{201}^{(10)}+m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(00)}m_{111}^{(11)}\\
&-m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(00)}m_{021}^{(10)}+m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{210}^{(21)}-2m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{201}^{(11)}\\
&-2m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{120}^{(20)}+3m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(10)}-m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(11)}m_{300}^{(21)}\\
&+2m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(11)}m_{210}^{(20)}-m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(11)}m_{201}^{(10)}+m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(20)}m_{210}^{(11)}\\
&-m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(20)}m_{120}^{(10)}-m_{100}^{(22)}m_{010}^{(20)}m_{002}^{(00)}m_{120}^{(11)}+m_{100}^{(22)}m_{010}^{(20)}m_{002}^{(00)}m_{030}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(20)}m_{002}^{(10)}m_{210}^{(11)}-m_{100}^{(22)}m_{010}^{(20)}m_{002}^{(10)}m_{120}^{(10)}+2m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(20)}m_{111}^{(11)}\\
&-2m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(20)}m_{021}^{(10)}-m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(21)}m_{201}^{(11)}+m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(10)}\\
&-m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(22)}m_{210}^{(11)}+m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(22)}m_{120}^{(10)}-m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(20)}m_{201}^{(11)}\\
&+m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(20)}m_{120}^{(20)}+m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(10)}-m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(20)}m_{021}^{(00)}\\
&-m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(21)}m_{210}^{(20)}+m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(21)}m_{111}^{(00)}+m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(22)}m_{300}^{(11)}\\
&-m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(22)}m_{210}^{(10)}-2m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(00)}m_{111}^{(11)}+2m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(00)}m_{021}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(10)}m_{201}^{(11)}-m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(10)}m_{120}^{(20)}-m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(10)}m_{021}^{(00)}+m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(11)}m_{210}^{(20)}-m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(11)}m_{111}^{(00)}\\
&+m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(21)}m_{300}^{(11)}-m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(21)}m_{210}^{(10)}-m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(20)}m_{210}^{(20)}\\
&+m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(20)}m_{111}^{(00)}+m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(21)}m_{300}^{(20)}-m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(21)}m_{201}^{(00)}\\
&+m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(00)}m_{201}^{(11)}-m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(00)}m_{111}^{(10)}+m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(10)}m_{210}^{(20)}\\
&-m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(10)}m_{111}^{(00)}-m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(11)}m_{300}^{(20)}+m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(11)}m_{201}^{(00)}\\
&-m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(20)}m_{300}^{(11)}+m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(10)}+m_{100}^{(22)}m_{010}^{(21)}m_{002}^{(00)}m_{210}^{(11)}\\
&-m_{100}^{(22)}m_{010}^{(21)}m_{002}^{(00)}m_{120}^{(10)}-m_{100}^{(22)}m_{010}^{(21)}m_{002}^{(10)}m_{300}^{(11)}+m_{100}^{(22)}m_{010}^{(21)}m_{002}^{(10)}m_{210}^{(10)}\\
&-m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(20)}m_{120}^{(11)}+m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(20)}m_{030}^{(10)}+m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(21)}m_{210}^{(11)}\\
&-m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(21)}m_{120}^{(10)}+m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(20)}m_{210}^{(11)}-2m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(20)}m_{120}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(20)}m_{030}^{(00)}-m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(21)}m_{300}^{(11)}+2m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(21)}m_{210}^{(10)}\\
&-m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(21)}m_{120}^{(00)}+m_{100}^{(22)}m_{010}^{(22)}m_{101}^{(00)}m_{120}^{(11)}-m_{100}^{(22)}m_{010}^{(22)}m_{101}^{(00)}m_{030}^{(10)}\\
&-m_{100}^{(22)}m_{010}^{(22)}m_{101}^{(10)}m_{210}^{(11)}+2m_{100}^{(22)}m_{010}^{(22)}m_{101}^{(10)}m_{120}^{(10)}-m_{100}^{(22)}m_{010}^{(22)}m_{101}^{(10)}m_{030}^{(00)}\\
&-m_{100}^{(22)}m_{010}^{(22)}m_{101}^{(11)}m_{210}^{(10)}+m_{100}^{(22)}m_{010}^{(22)}m_{101}^{(11)}m_{120}^{(00)}+m_{100}^{(22)}m_{010}^{(22)}m_{020}^{(20)}m_{210}^{(10)}\\
&-m_{100}^{(22)}m_{010}^{(22)}m_{020}^{(20)}m_{120}^{(00)}-m_{100}^{(22)}m_{010}^{(22)}m_{020}^{(21)}m_{300}^{(10)}+m_{100}^{(22)}m_{010}^{(22)}m_{020}^{(21)}m_{210}^{(00)}\\
&-m_{100}^{(22)}m_{010}^{(22)}m_{011}^{(00)}m_{210}^{(11)}+m_{100}^{(22)}m_{010}^{(22)}m_{011}^{(00)}m_{120}^{(10)}+m_{100}^{(22)}m_{010}^{(22)}m_{011}^{(10)}m_{300}^{(11)}\\
&-2m_{100}^{(22)}m_{010}^{(22)}m_{011}^{(10)}m_{210}^{(10)}+m_{100}^{(22)}m_{010}^{(22)}m_{011}^{(10)}m_{120}^{(00)}+m_{100}^{(22)}m_{010}^{(22)}m_{011}^{(11)}m_{300}^{(10)}\\
&-m_{100}^{(22)}m_{010}^{(22)}m_{011}^{(11)}m_{210}^{(00)}+m_{100}^{(22)}m_{001}^{(00)}m_{110}^{(11)}m_{102}^{(11)}-m_{100}^{(22)}m_{001}^{(00)}m_{110}^{(11)}m_{012}^{(10)}\\
&-m_{100}^{(22)}m_{001}^{(00)}m_{110}^{(20)}m_{030}^{(21)}+m_{100}^{(22)}m_{001}^{(00)}m_{110}^{(20)}m_{021}^{(11)}+m_{100}^{(22)}m_{001}^{(00)}m_{110}^{(21)}m_{120}^{(21)}\\
&-2m_{100}^{(22)}m_{001}^{(00)}m_{110}^{(21)}m_{111}^{(11)}+m_{100}^{(22)}m_{001}^{(00)}m_{110}^{(21)}m_{021}^{(10)}+m_{100}^{(22)}m_{001}^{(00)}m_{101}^{(10)}m_{030}^{(21)}\\
&-m_{100}^{(22)}m_{001}^{(00)}m_{101}^{(10)}m_{021}^{(11)}-m_{100}^{(22)}m_{001}^{(00)}m_{101}^{(11)}m_{120}^{(21)}+m_{100}^{(22)}m_{001}^{(00)}m_{101}^{(11)}m_{021}^{(10)}\\
&+m_{100}^{(22)}m_{001}^{(00)}m_{101}^{(21)}m_{120}^{(11)}-m_{100}^{(22)}m_{001}^{(00)}m_{101}^{(21)}m_{030}^{(10)}-m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(10)}m_{102}^{(11)}\\
&+m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(10)}m_{012}^{(10)}+m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(20)}m_{120}^{(21)}-m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(20)}m_{021}^{(10)}\\
&-m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(21)}m_{210}^{(21)}+m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(21)}m_{201}^{(11)}-m_{100}^{(22)}m_{001}^{(00)}m_{011}^{(10)}m_{120}^{(21)}\\
&+2m_{100}^{(22)}m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(11)}-m_{100}^{(22)}m_{001}^{(00)}m_{011}^{(10)}m_{021}^{(10)}+m_{100}^{(22)}m_{001}^{(00)}m_{011}^{(11)}m_{210}^{(21)}
\end{aligned}
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\begin{aligned}
&-m_{100}^{(22)}m_{001}^{(00)}m_{011}^{(11)}m_{201}^{(11)} - m_{100}^{(22)}m_{001}^{(00)}m_{011}^{(20)}m_{120}^{(11)} + m_{100}^{(22)}m_{001}^{(00)}m_{011}^{(20)}m_{030}^{(10)}\\
&-m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(11)}m_{102}^{(11)} + m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(11)}m_{012}^{(10)} + m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(21)}m_{111}^{(11)}\\
&-m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(10)} + m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(20)}m_{120}^{(21)} - m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(11)}\\
&+m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(20)}m_{030}^{(20)} - m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(10)} - m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(21)}m_{210}^{(21)}\\
&+m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(21)}m_{201}^{(11)} - m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(21)}m_{120}^{(20)} + m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(10)}\\
&-m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(10)}m_{120}^{(21)} + m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(11)} - m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(10)}m_{030}^{(20)}\\
&+m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(10)} + m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(11)}m_{210}^{(21)} + m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(11)}m_{201}^{(11)}\\
&+m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(11)}m_{120}^{(20)} - 3m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(10)} - 2m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(21)}m_{210}^{(11)}\\
&+2m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(10)} + m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(00)}m_{102}^{(11)} - m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(00)}m_{012}^{(10)}\\
&-m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(20)}m_{210}^{(21)} - m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(20)}m_{201}^{(11)} - m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(20)}m_{120}^{(20)}\\
&+3m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(20)}m_{111}^{(10)} + m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(21)}m_{300}^{(21)} + m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(21)}m_{210}^{(20)}\\
&-2m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(21)}m_{201}^{(10)} - m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(00)}m_{111}^{(11)} + m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(00)}m_{021}^{(10)}\\
&+m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(10)}m_{210}^{(21)} - m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(11)} + m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(10)}m_{120}^{(20)}\\
&-m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(10)} - m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(11)}m_{300}^{(21)} - m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(11)}m_{210}^{(20)}\\
&+2m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(11)}m_{201}^{(10)} + 2m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(11)} - 2m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(10)}\\
&+m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(10)}m_{102}^{(11)} - m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(10)} - m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(21)}m_{201}^{(11)}\\
&+m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(21)}m_{111}^{(10)} - m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(00)}m_{102}^{(11)} + m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(00)}m_{012}^{(10)}\\
&+m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(20)}m_{201}^{(11)} - m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(20)}m_{120}^{(20)} - m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(10)}\\
&+m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(20)}m_{021}^{(00)} + m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(21)}m_{210}^{(20)} - m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(21)}m_{111}^{(00)}\\
&-m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(11)} + m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(10)}m_{120}^{(20)} + m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(10)}\\
&-m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(10)}m_{021}^{(00)} - m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(11)}m_{210}^{(20)} + m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(11)}m_{111}^{(00)}\\
&+m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(21)}m_{300}^{(11)} - m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(21)}m_{210}^{(10)} + m_{100}^{(22)}m_{001}^{(11)}m_{020}^{(20)}m_{210}^{(20)}\\
&-m_{100}^{(22)}m_{001}^{(11)}m_{020}^{(20)}m_{111}^{(00)} - m_{100}^{(22)}m_{001}^{(11)}m_{020}^{(21)}m_{300}^{(20)} + m_{100}^{(22)}m_{001}^{(11)}m_{020}^{(21)}m_{201}^{(00)}\\
&+m_{100}^{(22)}m_{001}^{(11)}m_{011}^{(00)}m_{201}^{(11)} - m_{100}^{(22)}m_{001}^{(11)}m_{011}^{(00)}m_{111}^{(10)} - m_{100}^{(22)}m_{001}^{(11)}m_{011}^{(10)}m_{210}^{(20)}\\
&+m_{100}^{(22)}m_{001}^{(11)}m_{011}^{(10)}m_{111}^{(00)} + m_{100}^{(22)}m_{001}^{(11)}m_{011}^{(11)}m_{300}^{(20)} - m_{100}^{(22)}m_{001}^{(11)}m_{011}^{(11)}m_{201}^{(00)}\\
&-m_{100}^{(22)}m_{001}^{(11)}m_{011}^{(20)}m_{300}^{(11)} + m_{100}^{(22)}m_{001}^{(11)}m_{011}^{(20)}m_{210}^{(10)} + m_{100}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{111}^{(11)}\\
&-m_{100}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(10)} - m_{100}^{(22)}m_{001}^{(20)}m_{200}^{(21)}m_{120}^{(11)} + m_{100}^{(22)}m_{001}^{(20)}m_{200}^{(21)}m_{030}^{(10)}\\
&-2m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{201}^{(11)} + 2m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(10)} + 2m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(11)}\\
&-2m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(10)} - m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(11)} + m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{021}^{(10)}\\
&+2m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(11)} - 2m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(10)} - m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(21)}m_{300}^{(11)}\\
&+m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(21)}m_{210}^{(10)} + m_{100}^{(22)}m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(11)} - m_{100}^{(22)}m_{001}^{(20)}m_{011}^{(00)}m_{030}^{(10)}\\
&-2m_{100}^{(22)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(11)} + 2m_{100}^{(22)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(10)} + m_{100}^{(22)}m_{001}^{(20)}m_{011}^{(11)}m_{300}^{(11)}\\
&-m_{100}^{(22)}m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(10)} - 2m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(11)} + 2m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(10)}\\
&+m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{201}^{(11)} - m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(10)} + m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(21)}m_{210}^{(11)}\\
&-m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(10)} + 2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(11)} - 2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{021}^{(10)}\\
&-m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(11)} + 2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(10)} - m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(20)}m_{030}^{(00)}\\
&-m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(21)}m_{300}^{(11)} + m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(21)}m_{120}^{(00)} + m_{100}^{(22)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(11)}\\
&-2m_{100}^{(22)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(10)} + m_{100}^{(22)}m_{001}^{(21)}m_{101}^{(10)}m_{030}^{(00)} - m_{100}^{(22)}m_{001}^{(21)}m_{101}^{(11)}m_{300}^{(11)}
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\begin{aligned}
&+2m_{100}^{(22)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(10)} - m_{100}^{(22)}m_{001}^{(21)}m_{101}^{(11)}m_{120}^{(00)} - m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(11)}\\
&+m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(10)} + m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(20)}m_{300}^{(11)} - 2m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(10)}\\
&+m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(20)}m_{120}^{(00)} + m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(21)}m_{300}^{(10)} - m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(21)}m_{210}^{(00)}\\
&-m_{100}^{(22)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(11)} + m_{100}^{(22)}m_{001}^{(21)}m_{011}^{(00)}m_{120}^{(10)} + m_{100}^{(22)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(11)}\\
&-m_{100}^{(22)}m_{001}^{(21)}m_{011}^{(10)}m_{120}^{(00)} - m_{100}^{(22)}m_{001}^{(21)}m_{011}^{(11)}m_{300}^{(10)} + m_{100}^{(22)}m_{001}^{(21)}m_{011}^{(11)}m_{210}^{(00)}\\
&+m_{100}^{(22)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(11)} - m_{100}^{(22)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(10)} - m_{100}^{(22)}m_{001}^{(22)}m_{200}^{(11)}m_{210}^{(11)}\\
&+m_{100}^{(22)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(10)} - m_{100}^{(22)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(11)} + m_{100}^{(22)}m_{001}^{(22)}m_{110}^{(00)}m_{030}^{(10)}\\
&+m_{100}^{(22)}m_{001}^{(22)}m_{110}^{(11)}m_{300}^{(11)} - m_{100}^{(22)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(10)} + m_{100}^{(22)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(11)}\\
&-m_{100}^{(22)}m_{001}^{(22)}m_{020}^{(00)}m_{120}^{(10)} - m_{100}^{(22)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(11)} + m_{100}^{(22)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(10)}\\
&-(m_{010}^{(00)})^2m_{110}^{(21)}m_{012}^{(22)} + (m_{010}^{(00)})^2m_{110}^{(21)}m_{003}^{(21)} + (m_{010}^{(00)})^2m_{110}^{(22)}m_{021}^{(22)}\\
&-(m_{010}^{(00)})^2m_{110}^{(22)}m_{012}^{(21)} + (m_{010}^{(00)})^2m_{101}^{(21)}m_{021}^{(22)} - (m_{010}^{(00)})^2m_{101}^{(21)}m_{012}^{(21)}\\
&-(m_{010}^{(00)})^2m_{101}^{(22)}m_{030}^{(22)} + (m_{010}^{(00)})^2m_{101}^{(22)}m_{021}^{(21)} + (m_{010}^{(00)})^2m_{011}^{(10)}m_{012}^{(22)}\\
&-(m_{010}^{(00)})^2m_{011}^{(10)}m_{003}^{(21)} - (m_{010}^{(00)})^2m_{011}^{(20)}m_{021}^{(22)} + (m_{010}^{(00)})^2m_{011}^{(20)}m_{012}^{(21)}\\
&-(m_{010}^{(00)})^2m_{002}^{(10)}m_{021}^{(22)} + (m_{010}^{(00)})^2m_{002}^{(10)}m_{012}^{(21)} + (m_{010}^{(00)})^2m_{002}^{(20)}m_{030}^{(22)}\\
&-(m_{010}^{(00)})^2m_{002}^{(20)}m_{021}^{(21)} + m_{010}^{(00)}m_{010}^{(10)}m_{200}^{(21)}m_{012}^{(22)} - m_{010}^{(00)}m_{010}^{(10)}m_{200}^{(21)}m_{003}^{(21)}\\
&-m_{010}^{(00)}m_{010}^{(10)}m_{200}^{(22)}m_{021}^{(22)} + m_{010}^{(00)}m_{010}^{(10)}m_{200}^{(22)}m_{012}^{(21)} + m_{010}^{(00)}m_{010}^{(10)}m_{110}^{(20)}m_{012}^{(22)}\\
&-m_{010}^{(00)}m_{010}^{(10)}m_{110}^{(20)}m_{003}^{(21)} + m_{010}^{(00)}m_{010}^{(10)}m_{110}^{(21)}m_{102}^{(22)} - m_{010}^{(00)}m_{010}^{(10)}m_{110}^{(21)}m_{003}^{(20)}\\
&-2m_{010}^{(00)}m_{010}^{(10)}m_{110}^{(22)}m_{111}^{(22)} + m_{010}^{(00)}m_{010}^{(10)}m_{110}^{(22)}m_{102}^{(21)} + m_{010}^{(00)}m_{010}^{(10)}m_{110}^{(22)}m_{012}^{(20)}\\
&-m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(10)}m_{012}^{(22)} + m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(10)}m_{003}^{(21)} - 2m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(22)}\\
&+m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(21)}m_{102}^{(21)} + m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(21)}m_{012}^{(20)} + 3m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(22)}m_{120}^{(22)}\\
&-2m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(22)}m_{111}^{(21)} - m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(22)}m_{021}^{(20)} - m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(00)}m_{012}^{(22)}\\
&+m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(00)}m_{003}^{(21)} - m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(10)}m_{102}^{(22)} + m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(10)}m_{003}^{(20)}\\
&+2m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(20)}m_{111}^{(22)} - m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(20)}m_{102}^{(21)} - m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(20)}m_{012}^{(20)}\\
&+m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(00)}m_{021}^{(22)} - m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(00)}m_{012}^{(21)} + 2m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(10)}m_{111}^{(22)}\\
&-m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(10)}m_{102}^{(21)} - m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(10)}m_{012}^{(20)} - 3m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(20)}m_{120}^{(22)}\\
&+2m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(20)}m_{111}^{(21)} + m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(20)}m_{021}^{(20)} - m_{010}^{(00)}m_{010}^{(11)}m_{200}^{(20)}m_{012}^{(22)}\\
&+m_{010}^{(00)}m_{010}^{(11)}m_{200}^{(20)}m_{003}^{(21)} + m_{010}^{(00)}m_{010}^{(11)}m_{200}^{(22)}m_{111}^{(22)} - m_{010}^{(00)}m_{010}^{(11)}m_{200}^{(22)}m_{102}^{(21)}\\
&+m_{010}^{(00)}m_{010}^{(11)}m_{101}^{(00)}m_{012}^{(22)} - m_{010}^{(00)}m_{010}^{(11)}m_{101}^{(00)}m_{003}^{(21)} - m_{010}^{(00)}m_{010}^{(11)}m_{101}^{(22)}m_{210}^{(22)}\\
&+m_{010}^{(00)}m_{010}^{(11)}m_{101}^{(22)}m_{201}^{(21)} - m_{010}^{(00)}m_{010}^{(11)}m_{002}^{(00)}m_{111}^{(22)} + m_{010}^{(00)}m_{010}^{(11)}m_{002}^{(00)}m_{102}^{(21)}\\
&+m_{010}^{(00)}m_{010}^{(11)}m_{002}^{(20)}m_{210}^{(22)} - m_{010}^{(00)}m_{010}^{(11)}m_{002}^{(20)}m_{201}^{(21)} - m_{010}^{(00)}m_{010}^{(20)}m_{200}^{(21)}m_{021}^{(22)}\\
&+m_{010}^{(00)}m_{010}^{(20)}m_{200}^{(21)}m_{012}^{(21)} + m_{010}^{(00)}m_{010}^{(20)}m_{200}^{(22)}m_{030}^{(22)} - m_{010}^{(00)}m_{010}^{(20)}m_{200}^{(22)}m_{021}^{(21)}\\
&-m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(20)}m_{021}^{(22)} + m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(21)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{111}^{(22)}\\
&-3m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{102}^{(21)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{012}^{(20)} - m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{003}^{(10)}\\
&-m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(22)}m_{120}^{(22)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(22)}m_{111}^{(21)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(22)}m_{021}^{(20)}\\
&+m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(22)}m_{012}^{(10)} + m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(10)}m_{021}^{(22)} - m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(10)}m_{012}^{(21)}\\
&-m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(21)}m_{120}^{(22)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(21)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(21)}m_{021}^{(20)}\\
&+m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(21)}m_{012}^{(10)} - m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(22)}m_{120}^{(21)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(22)}m_{030}^{(20)}\\
&-m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(22)}m_{021}^{(10)} + m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(00)}m_{021}^{(22)} - m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(00)}m_{012}^{(21)}
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\begin{aligned}
&-2m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(22)}+3m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(10)}m_{102}^{(21)}-2m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(10)}m_{012}^{(20)}\\
&+m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(10)}m_{003}^{(10)}+m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(20)}m_{120}^{(22)}-2m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(21)}\\
&+2m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(20)}m_{021}^{(20)}-m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(20)}m_{012}^{(10)}-m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(00)}m_{030}^{(22)}\\
&+m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(00)}m_{021}^{(21)}+m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(10)}m_{120}^{(22)}-2m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(10)}m_{111}^{(21)}\\
&+2m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(10)}m_{021}^{(20)}-m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(10)}m_{012}^{(10)}+m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(20)}m_{120}^{(21)}\\
&-2m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(20)}m_{030}^{(20)}+m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(20)}m_{021}^{(10)}+2m_{010}^{(00)}m_{010}^{(21)}m_{200}^{(20)}m_{021}^{(22)}\\
&-2m_{010}^{(00)}m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(21)}-m_{010}^{(00)}m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(22)}+m_{010}^{(00)}m_{010}^{(21)}m_{200}^{(21)}m_{102}^{(21)}\\
&-m_{010}^{(00)}m_{010}^{(21)}m_{200}^{(22)}m_{120}^{(22)}+m_{010}^{(00)}m_{010}^{(21)}m_{200}^{(22)}m_{111}^{(21)}-m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(22)}\\
&+m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(21)}-m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(21)}m_{102}^{(20)}+m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(21)}m_{003}^{(00)}\\
&+m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(22)}m_{210}^{(22)}-m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(22)}m_{201}^{(21)}+m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(22)}m_{111}^{(20)}\\
&-m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(22)}m_{012}^{(00)}-2m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(00)}m_{021}^{(22)}+2m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(00)}m_{012}^{(21)}\\
&+m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(22)}-m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(10)}m_{102}^{(21)}+m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{210}^{(22)}\\
&-m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{201}^{(21)}+m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(20)}-m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{012}^{(00)}\\
&-m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(22)}m_{120}^{(20)}+m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(22)}m_{021}^{(00)}+m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(00)}m_{111}^{(22)}\\
&-m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(00)}m_{102}^{(21)}+m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(10)}m_{102}^{(20)}-m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(10)}m_{003}^{(00)}\\
&-m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(22)}+m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(21)}-m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{111}^{(20)}\\
&+m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{012}^{(00)}+m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(00)}m_{120}^{(22)}-m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(00)}m_{111}^{(21)}\\
&-m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(10)}m_{210}^{(22)}+m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(10)}m_{201}^{(21)}-m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(10)}m_{111}^{(20)}\\
&+m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(10)}m_{012}^{(00)}+m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(20)}m_{120}^{(20)}-m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(20)}m_{021}^{(00)}\\
&-m_{010}^{(00)}m_{010}^{(22)}m_{200}^{(20)}m_{030}^{(22)}+m_{010}^{(00)}m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(21)}+m_{010}^{(00)}m_{010}^{(22)}m_{200}^{(21)}m_{120}^{(22)}\\
&-m_{010}^{(00)}m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(21)}+m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(20)}m_{120}^{(22)}-m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(21)}\\
&-m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{210}^{(22)}+m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(21)}+m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{102}^{(10)}\\
&-m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{012}^{(00)}-m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(22)}m_{111}^{(10)}+m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(22)}m_{021}^{(00)}\\
&+m_{010}^{(00)}m_{010}^{(22)}m_{101}^{(00)}m_{030}^{(22)}-m_{010}^{(00)}m_{010}^{(22)}m_{101}^{(00)}m_{021}^{(21)}-m_{010}^{(00)}m_{010}^{(22)}m_{101}^{(10)}m_{120}^{(22)}\\
&+m_{010}^{(00)}m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(21)}-m_{010}^{(00)}m_{010}^{(22)}m_{101}^{(21)}m_{111}^{(10)}+m_{010}^{(00)}m_{010}^{(22)}m_{101}^{(21)}m_{021}^{(00)}\\
&+m_{010}^{(00)}m_{010}^{(22)}m_{101}^{(22)}m_{120}^{(10)}-m_{010}^{(00)}m_{010}^{(22)}m_{101}^{(22)}m_{030}^{(00)}-m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(00)}m_{120}^{(22)}\\
&+m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(00)}m_{111}^{(21)}+m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(10)}m_{210}^{(22)}-m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(10)}m_{201}^{(21)}\\
&-m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(10)}m_{102}^{(10)}+m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(10)}m_{012}^{(00)}+m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(20)}m_{111}^{(20)}\\
&-m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(20)}m_{021}^{(00)}+m_{010}^{(00)}m_{010}^{(22)}m_{002}^{(10)}m_{111}^{(10)}-m_{010}^{(00)}m_{010}^{(22)}m_{002}^{(10)}m_{021}^{(00)}\\
&-m_{010}^{(00)}m_{010}^{(22)}m_{002}^{(20)}m_{120}^{(10)}+m_{010}^{(00)}m_{010}^{(22)}m_{002}^{(20)}m_{030}^{(00)}+m_{010}^{(00)}m_{001}^{(00)}m_{110}^{(11)}m_{012}^{(22)}\\
&-m_{010}^{(00)}m_{001}^{(00)}m_{110}^{(11)}m_{003}^{(21)}-m_{010}^{(00)}m_{001}^{(00)}m_{110}^{(21)}m_{021}^{(22)}+2m_{010}^{(00)}m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(00)}m_{110}^{(21)}m_{003}^{(11)}-m_{010}^{(00)}m_{001}^{(00)}m_{110}^{(22)}m_{021}^{(21)}+m_{010}^{(00)}m_{001}^{(00)}m_{110}^{(22)}m_{012}^{(11)}\\
&-m_{010}^{(00)}m_{001}^{(00)}m_{101}^{(11)}m_{021}^{(22)}+m_{010}^{(00)}m_{001}^{(00)}m_{101}^{(11)}m_{012}^{(21)}+m_{010}^{(00)}m_{001}^{(00)}m_{101}^{(21)}m_{030}^{(22)}\\
&-2m_{010}^{(00)}m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(21)}+m_{010}^{(00)}m_{001}^{(00)}m_{101}^{(21)}m_{012}^{(11)}+m_{010}^{(00)}m_{001}^{(00)}m_{101}^{(22)}m_{030}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(00)}m_{101}^{(22)}m_{021}^{(11)}-m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(10)}m_{012}^{(22)}+m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(10)}m_{003}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(20)}m_{021}^{(22)}-m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(20)}m_{012}^{(21)}+m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(10)}m_{021}^{(22)}\\
&-2m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(21)}+m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(10)}m_{003}^{(11)}-m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(20)}m_{030}^{(22)}\\
&+2m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(21)}-m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(20)}m_{012}^{(11)}+m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(10)}m_{021}^{(21)}
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&-m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(10)}m_{012}^{(11)} - m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(20)}m_{030}^{(21)} + m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(20)}m_{021}^{(11)}\\
&-m_{010}^{(00)}m_{001}^{(10)}m_{200}^{(11)}m_{012}^{(22)} + m_{010}^{(00)}m_{001}^{(10)}m_{200}^{(11)}m_{003}^{(21)} + m_{010}^{(00)}m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(22)}\\
&-m_{010}^{(00)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(21)} - m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(22)} + m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(22)} - 2m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(21)} - m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(20)}\\
&+2m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{003}^{(10)} + m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(21)} + m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{021}^{(20)}\\
&-2m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{012}^{(10)} + m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(22)} - m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(22)} - m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(11)}m_{102}^{(21)} - 2m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(22)}\\
&+3m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(21)} + m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(20)} - 2m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{012}^{(10)}\\
&-m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(22)}m_{120}^{(21)} - m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(22)}m_{030}^{(20)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(22)}m_{021}^{(10)}\\
&+m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(00)}m_{012}^{(22)} - m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(00)}m_{003}^{(21)} - m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{111}^{(22)}\\
&+m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(21)} - m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(00)}m_{021}^{(22)} + m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(00)}m_{012}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(22)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(21)} + m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{012}^{(20)}\\
&-2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{003}^{(10)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(22)} - 3m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{021}^{(20)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{012}^{(10)} - m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{021}^{(20)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{012}^{(10)} + m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(20)}m_{030}^{(20)} - 2m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(20)}m_{021}^{(10)} + m_{010}^{(00)}m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(22)}\\
&-m_{010}^{(00)}m_{001}^{(11)}m_{200}^{(10)}m_{003}^{(21)} - m_{010}^{(00)}m_{001}^{(11)}m_{200}^{(21)}m_{111}^{(22)} + m_{010}^{(00)}m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(11)}m_{110}^{(00)}m_{012}^{(22)} + m_{010}^{(00)}m_{001}^{(11)}m_{110}^{(00)}m_{003}^{(21)} + m_{010}^{(00)}m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(22)}\\
&-m_{010}^{(00)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(21)} + m_{010}^{(00)}m_{001}^{(11)}m_{110}^{(21)}m_{102}^{(20)} - m_{010}^{(00)}m_{001}^{(11)}m_{110}^{(21)}m_{003}^{(00)}\\
&-m_{010}^{(00)}m_{001}^{(11)}m_{110}^{(22)}m_{111}^{(20)} + m_{010}^{(00)}m_{001}^{(11)}m_{110}^{(22)}m_{012}^{(00)} - m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(22)}\\
&+m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(21)} + m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{210}^{(22)} - m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(20)} + m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{012}^{(00)} + m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(22)}m_{120}^{(20)}\\
&-m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(22)}m_{021}^{(00)} + m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(00)}m_{111}^{(22)} - m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(00)}m_{102}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(10)}m_{102}^{(20)} + m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(10)}m_{003}^{(00)} - m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{210}^{(22)}\\
&+m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(21)} + m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(20)} - m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{012}^{(00)}\\
&+m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(10)}m_{111}^{(20)} - m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(10)}m_{012}^{(00)} - m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(20)}m_{120}^{(20)}\\
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&-m_{010}^{(00)}m_{001}^{(20)}m_{200}^{(21)}m_{030}^{(22)} + m_{010}^{(00)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(21)} - 2m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(22)}\\
&+2m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(11)}m_{102}^{(21)} + m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(20)}m_{030}^{(22)} - m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(22)} - m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(21)} + m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{102}^{(11)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{012}^{(10)} - m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(22)}m_{111}^{(11)} + m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(22)}m_{021}^{(10)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(22)} + m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(21)} + m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(22)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(21)} - m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{111}^{(11)} + m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{021}^{(10)}\\
&+m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(22)}m_{120}^{(11)} - m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(22)}m_{030}^{(10)} - m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(00)}m_{021}^{(22)}\\
&+m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(00)}m_{012}^{(21)} + 2m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(22)} - 2m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{120}^{(22)} + m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(21)} + m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(00)}m_{030}^{(22)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(00)}m_{021}^{(21)} - m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(22)} + m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{102}^{(11)} + m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{012}^{(10)} + m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{111}^{(11)}
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\begin{aligned}
&-m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{021}^{(10)}+m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(10)}m_{111}^{(11)}-m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(10)}m_{021}^{(10)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(20)}m_{120}^{(11)}+m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(20)}m_{030}^{(10)}-2m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(22)}\\
&+2m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(21)}+m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(22)}-m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(11)}m_{102}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(22)}-m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(21)}+2m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(00)}m_{021}^{(22)}\\
&-2m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(00)}m_{012}^{(21)}-m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(22)}+m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(22)}+m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(21)}-m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{102}^{(10)}\\
&+m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{012}^{(00)}+m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(22)}m_{111}^{(10)}-m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(22)}m_{021}^{(00)}\\
&+m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(22)}-m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(21)}-m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(22)}\\
&+m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(21)}+m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{111}^{(10)}-m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{021}^{(00)}\\
&-m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(22)}m_{120}^{(10)}+m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(22)}m_{030}^{(00)}-m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(00)}m_{020}^{(22)}m_{111}^{(22)}\\
&+m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(00)}m_{102}^{(21)}+m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(22)}-m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(00)}m_{120}^{(22)}+m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(21)}+m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(22)}\\
&-m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(21)}+m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{102}^{(10)}-m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{012}^{(00)}\\
&-m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{111}^{(10)}+m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{021}^{(00)}-m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(10)}m_{111}^{(10)}\\
&+m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(10)}m_{021}^{(00)}+m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(20)}m_{120}^{(10)}-m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(20)}m_{030}^{(00)}\\
&+m_{010}^{(00)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(22)}-m_{010}^{(00)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(21)}-m_{010}^{(00)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(22)}\\
&+m_{010}^{(00)}m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(21)}-m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(00)}m_{030}^{(22)}+m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(00)}m_{021}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(22)}-m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(11)}m_{201}^{(21)}+m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(00)}m_{120}^{(22)}\\
&-m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(21)}-m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(22)}+m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(21)}\\
&-(m_{010}^{(10)})^2m_{200}^{(21)}m_{102}^{(22)}+(m_{010}^{(10)})^2m_{200}^{(21)}m_{003}^{(20)}+(m_{010}^{(10)})^2m_{200}^{(22)}m_{111}^{(22)}\\
&-(m_{010}^{(10)})^2m_{200}^{(22)}m_{012}^{(20)}-(m_{010}^{(10)})^2m_{110}^{(20)}m_{102}^{(22)}+(m_{010}^{(10)})^2m_{110}^{(20)}m_{003}^{(20)}\\
&+(m_{010}^{(10)})^2m_{110}^{(22)}m_{201}^{(22)}-(m_{010}^{(10)})^2m_{110}^{(22)}m_{102}^{(20)}+(m_{010}^{(10)})^2m_{101}^{(10)}m_{102}^{(22)}\\
&-(m_{010}^{(10)})^2m_{101}^{(10)}m_{003}^{(20)}+(m_{010}^{(10)})^2m_{101}^{(21)}m_{201}^{(22)}-(m_{010}^{(10)})^2m_{101}^{(21)}m_{102}^{(20)}\\
&-2(m_{010}^{(10)})^2m_{101}^{(22)}m_{210}^{(22)}+2(m_{010}^{(10)})^2m_{101}^{(22)}m_{111}^{(20)}+(m_{010}^{(10)})^2m_{011}^{(00)}m_{102}^{(22)}\\
&-(m_{010}^{(10)})^2m_{011}^{(00)}m_{003}^{(20)}-(m_{010}^{(10)})^2m_{011}^{(20)}m_{201}^{(22)}+(m_{010}^{(10)})^2m_{011}^{(20)}m_{102}^{(20)}\\
&-(m_{010}^{(10)})^2m_{002}^{(00)}m_{111}^{(22)}+(m_{010}^{(10)})^2m_{002}^{(00)}m_{012}^{(20)}-(m_{010}^{(10)})^2m_{002}^{(10)}m_{201}^{(22)}\\
&+(m_{010}^{(10)})^2m_{002}^{(10)}m_{102}^{(20)}+2(m_{010}^{(10)})^2m_{002}^{(20)}m_{210}^{(22)}-2(m_{010}^{(10)})^2m_{002}^{(20)}m_{111}^{(20)}\\
&+m_{010}^{(10)}m_{010}^{(11)}m_{200}^{(20)}m_{102}^{(22)}-m_{010}^{(10)}m_{010}^{(11)}m_{200}^{(20)}m_{003}^{(20)}-m_{010}^{(10)}m_{010}^{(11)}m_{200}^{(22)}m_{201}^{(22)}\\
&+m_{010}^{(10)}m_{010}^{(11)}m_{200}^{(22)}m_{102}^{(20)}-m_{010}^{(10)}m_{010}^{(11)}m_{101}^{(00)}m_{102}^{(22)}+m_{010}^{(10)}m_{010}^{(11)}m_{101}^{(00)}m_{003}^{(20)}\\
&+m_{010}^{(10)}m_{010}^{(11)}m_{101}^{(22)}m_{300}^{(22)}-m_{010}^{(10)}m_{010}^{(11)}m_{101}^{(22)}m_{201}^{(20)}+m_{010}^{(10)}m_{010}^{(11)}m_{002}^{(00)}m_{201}^{(22)}\\
&-m_{010}^{(10)}m_{010}^{(11)}m_{002}^{(00)}m_{102}^{(20)}-m_{010}^{(10)}m_{010}^{(11)}m_{002}^{(20)}m_{300}^{(22)}+m_{010}^{(10)}m_{010}^{(11)}m_{002}^{(20)}m_{201}^{(20)}\\
&+m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{111}^{(22)}+m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{102}^{(21)}-3m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{012}^{(20)}\\
&+m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{003}^{(10)}-m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(22)}m_{120}^{(22)}-m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(22)}m_{111}^{(21)}\\
&+3m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(22)}m_{021}^{(20)}-m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(22)}m_{012}^{(10)}+m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{111}^{(22)}\\
&+m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{102}^{(21)}-3m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(20)}+m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{003}^{(10)}\\
&-2m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{201}^{(22)}+2m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{102}^{(20)}+m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{210}^{(22)}\\
&-m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{201}^{(21)}+m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{111}^{(20)}-m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{102}^{(10)}\\
&-m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{111}^{(22)}-m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{102}^{(21)}+3m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{012}^{(20)}
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&-m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{003}^{(10)}+m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{210}^{(22)}-m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{201}^{(21)}\\
&+m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(20)}-m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{102}^{(10)}+2m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{210}^{(21)}\\
&-4m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{120}^{(20)}+2m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{111}^{(10)}-m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(00)}m_{111}^{(22)}\\
&-m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(00)}m_{102}^{(21)}+3m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(00)}m_{012}^{(20)}-m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(00)}m_{003}^{(10)}\\
&+2m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{201}^{(22)}-2m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{102}^{(20)}-m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{210}^{(22)}\\
&+m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{201}^{(21)}-m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(20)}+m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{102}^{(10)}\\
&+m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(00)}m_{120}^{(22)}+m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(00)}m_{111}^{(21)}-3m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(00)}m_{021}^{(20)}\\
&+m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(00)}m_{012}^{(10)}-m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{210}^{(22)}+m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{201}^{(21)}\\
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&+4m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{120}^{(20)}-2m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{111}^{(10)}-2m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(20)}m_{111}^{(22)}\\
&+2m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(20)}+m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{201}^{(22)}-m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{003}^{(00)}\\
&+m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{210}^{(22)}-2m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{111}^{(20)}+m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{012}^{(00)}\\
&+m_{010}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{201}^{(22)}-m_{010}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{003}^{(00)}-m_{010}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{300}^{(22)}\\
&+m_{010}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{102}^{(00)}+2m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(00)}m_{111}^{(22)}-2m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(00)}m_{012}^{(20)}\\
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&-m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(21)}m_{102}^{(10)}+m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(21)}m_{012}^{(00)}+m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(22)}m_{111}^{(10)}\\
&-m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(22)}m_{021}^{(00)}-m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{210}^{(22)}+m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(20)}\\
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&+m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{201}^{(10)}-m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{111}^{(00)}-2m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(22)}m_{210}^{(10)}\\
&+2m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(22)}m_{120}^{(00)}+m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{210}^{(22)}-m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{111}^{(20)}\\
&+m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{102}^{(10)}-m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{012}^{(00)}-m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{300}^{(22)}\\
&+m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{201}^{(20)}-m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{201}^{(10)}+m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{111}^{(00)}\\
&-m_{010}^{(10)}m_{010}^{(22)}m_{002}^{(00)}m_{111}^{(10)}+m_{010}^{(10)}m_{010}^{(22)}m_{002}^{(00)}m_{021}^{(00)}-m_{010}^{(10)}m_{010}^{(22)}m_{002}^{(10)}m_{201}^{(10)}\\
&+m_{010}^{(10)}m_{010}^{(22)}m_{002}^{(10)}m_{111}^{(00)}+2m_{010}^{(10)}m_{010}^{(22)}m_{002}^{(20)}m_{210}^{(10)}-2m_{010}^{(10)}m_{010}^{(22)}m_{002}^{(20)}m_{120}^{(00)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{200}^{(21)}m_{012}^{(21)}+m_{010}^{(10)}m_{001}^{(00)}m_{200}^{(21)}m_{003}^{(11)}+m_{010}^{(10)}m_{001}^{(00)}m_{200}^{(22)}m_{021}^{(21)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{200}^{(22)}m_{012}^{(11)}-m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(11)}m_{102}^{(22)}+m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(11)}m_{003}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(20)}m_{012}^{(21)}+m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(20)}m_{003}^{(11)}+m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{111}^{(22)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(20)}+m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(22)}m_{111}^{(21)}-m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(22)}m_{102}^{(11)}\\
&+m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(10)}m_{012}^{(21)}-m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(10)}m_{003}^{(11)}+m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(11)}m_{111}^{(22)}
\end{aligned}
$$

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\begin{aligned}
&-m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(11)}m_{012}^{(20)} - m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{120}^{(22)} + m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{111}^{(21)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{102}^{(11)} + m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(20)} - 2m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(22)}m_{120}^{(21)}\\
&+2m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(22)}m_{111}^{(11)} + m_{010}^{(10)}m_{001}^{(00)}m_{020}^{(10)}m_{102}^{(22)} - m_{010}^{(10)}m_{001}^{(00)}m_{020}^{(10)}m_{003}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{020}^{(20)}m_{111}^{(22)} + m_{010}^{(10)}m_{001}^{(00)}m_{020}^{(20)}m_{012}^{(20)} + m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(00)}m_{012}^{(21)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(00)}m_{003}^{(11)} - m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(22)} + m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{120}^{(22)} - m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(21)} + m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{102}^{(11)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(20)} - m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(00)}m_{021}^{(21)} + m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(00)}m_{012}^{(11)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{111}^{(21)} + m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{102}^{(11)} + 2m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(20)}m_{120}^{(21)}\\
&-2m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(20)}m_{111}^{(11)} + m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(11)}m_{102}^{(22)} - m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(11)}m_{003}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{111}^{(22)} + m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{102}^{(21)} + 2m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{003}^{(10)} - m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(22)}m_{111}^{(21)} - m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(22)}m_{021}^{(20)}\\
&+2m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(22)}m_{012}^{(10)} + m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(22)} + m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{102}^{(21)}\\
&-2m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{003}^{(10)} - m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{201}^{(22)} + m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{201}^{(21)} - m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(20)} + 2m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{102}^{(10)}\\
&-m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(22)} - m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{102}^{(21)} + 2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{003}^{(10)}\\
&-m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{201}^{(22)} + m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{102}^{(20)} + 2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{210}^{(22)}\\
&-m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{201}^{(21)} - 3m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(20)} + 2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{102}^{(10)}\\
&+2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{210}^{(21)} + 2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{120}^{(20)} - 4m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{111}^{(10)}\\
&-m_{010}^{(10)}m_{001}^{(10)}m_{020}^{(00)}m_{102}^{(22)} + m_{010}^{(10)}m_{001}^{(10)}m_{020}^{(00)}m_{003}^{(20)} + m_{010}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{201}^{(22)}\\
&-m_{010}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(20)} + m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{111}^{(22)} - m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{102}^{(21)}\\
&-2m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{012}^{(20)} + 2m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{003}^{(10)} + m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(22)}\\
&-m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(20)} - 2m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(22)} + m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(21)}\\
&+3m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(20)} - 2m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{102}^{(10)} + m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(00)}m_{111}^{(21)}\\
&+m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(00)}m_{021}^{(20)} - 2m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(00)}m_{012}^{(10)} + m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{201}^{(21)}\\
&+m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(20)} - 2m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{102}^{(10)} - 2m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{210}^{(21)}\\
&-2m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(20)} + 4m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{111}^{(10)} - m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(10)}m_{102}^{(22)}\\
&+m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(10)}m_{003}^{(20)} + m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{201}^{(22)} - 2m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{003}^{(00)} + m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{111}^{(20)} - m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{012}^{(00)}\\
&+m_{010}^{(10)}m_{001}^{(11)}m_{110}^{(00)}m_{102}^{(22)} - m_{010}^{(10)}m_{001}^{(11)}m_{110}^{(00)}m_{003}^{(20)} - m_{010}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{201}^{(22)}\\
&+m_{010}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{003}^{(00)} + m_{010}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{201}^{(20)} - m_{010}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{102}^{(00)}\\
&+m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(22)} - m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{003}^{(00)} - m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{300}^{(22)}\\
&+2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(20)} - m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{102}^{(00)} - 2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{210}^{(20)}\\
&+2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{111}^{(00)} - m_{010}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{201}^{(22)} + 2m_{010}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{102}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{003}^{(00)} + m_{010}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{300}^{(22)} - 2m_{010}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{102}^{(00)} - m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(00)}m_{111}^{(20)} + m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(00)}m_{012}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{201}^{(20)} + m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{102}^{(00)} + 2m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{111}^{(00)} - m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{111}^{(22)} + m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{012}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{120}^{(22)} - m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{102}^{(11)} - m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(20)}
\end{aligned}
$$

$$+m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{012}^{(10)}+m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(22)}m_{111}^{(11)}-m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(22)}m_{021}^{(10)}$$
$$+2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{201}^{(22)}-2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{102}^{(20)}-m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(22)}$$
$$-m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{102}^{(11)}+m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(20)}+m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{012}^{(10)}$$
$$-m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(22)}+m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(20)}+m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{201}^{(11)}$$
$$-m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{111}^{(10)}+m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(22)}+m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{102}^{(11)}$$
$$-m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(20)}-m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{012}^{(10)}-m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{210}^{(22)}$$
$$+m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(20)}+m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{201}^{(11)}-m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{111}^{(10)}$$
$$-2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(22)}m_{210}^{(11)}+2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(22)}m_{120}^{(10)}+m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(22)}$$
$$-m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{012}^{(20)}-2m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(22)}+2m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(20)}$$
$$+m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(22)}-m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(20)}-m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(22)}$$
$$+m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{102}^{(11)}+m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{021}^{(20)}-m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{012}^{(10)}$$
$$+m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(22)}-m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(20)}-m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{201}^{(11)}$$
$$+m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{111}^{(10)}-m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(00)}m_{111}^{(11)}+m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(00)}m_{021}^{(10)}$$
$$-m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{201}^{(11)}+m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{111}^{(10)}+2m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(20)}m_{210}^{(11)}$$
$$-2m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(20)}m_{120}^{(10)}+2m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(22)}-2m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(20)}$$
$$-m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{201}^{(22)}+m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{102}^{(20)}-m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{210}^{(22)}$$
$$+m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(20)}+m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{102}^{(10)}-m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{012}^{(00)}$$
$$-m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(22)}m_{111}^{(10)}+m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(22)}m_{021}^{(00)}-2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(22)}$$
$$+2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{012}^{(20)}+m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(22)}-m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(20)}$$
$$+m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{102}^{(10)}-m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{012}^{(00)}+m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{300}^{(22)}$$
$$-m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(20)}-m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{201}^{(10)}+m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{111}^{(00)}$$
$$-m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(22)}+m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(20)}-m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{102}^{(10)}$$
$$+m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{012}^{(00)}+m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{300}^{(22)}-m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(20)}$$
$$-m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{201}^{(10)}+m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{111}^{(00)}+2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(22)}m_{210}^{(10)}$$
$$-2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(22)}m_{120}^{(00)}+m_{010}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(22)}-m_{010}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{102}^{(20)}$$
$$-m_{010}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{300}^{(22)}+m_{010}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(20)}+m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(22)}$$
$$-m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(20)}-m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{102}^{(10)}+m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{012}^{(00)}$$
$$-m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(22)}+m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(20)}+m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{201}^{(10)}$$
$$-m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{111}^{(00)}+m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(00)}m_{111}^{(10)}-m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(00)}m_{021}^{(00)}$$
$$+m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{201}^{(10)}-m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{111}^{(00)}-2m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(20)}m_{210}^{(10)}$$
$$+2m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(20)}m_{120}^{(00)}-m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(22)}+m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(20)}$$
$$+m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{210}^{(22)}-m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(20)}+m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(22)}m_{110}^{(00)}m_{120}^{(22)}$$
$$-m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{021}^{(20)}-m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{300}^{(22)}+m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{201}^{(20)}$$
$$-m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(22)}+m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(20)}+m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(22)}$$
$$-m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(20)}-m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(20)}m_{102}^{(21)}+2m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(20)}m_{012}^{(20)}$$
$$-m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(20)}m_{003}^{(10)}+m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(22)}m_{201}^{(21)}-2m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(22)}m_{111}^{(20)}$$
$$+m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(22)}m_{102}^{(10)}+m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(00)}m_{102}^{(21)}-2m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(00)}m_{012}^{(20)}$$
$$+m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(00)}m_{003}^{(10)}-m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(22)}m_{300}^{(21)}+2m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(22)}m_{210}^{(20)}$$

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\begin{aligned}
&-m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(22)}m_{201}^{(10)} - m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(00)}m_{201}^{(21)} + 2m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(00)}m_{111}^{(20)}\\
&-m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(00)}m_{102}^{(10)} + m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(20)}m_{300}^{(21)} - 2m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(20)}m_{210}^{(20)}\\
&+m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(20)}m_{201}^{(10)} - m_{010}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{102}^{(20)} + m_{010}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{003}^{(00)}\\
&+m_{010}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{201}^{(20)} - m_{010}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{102}^{(00)} + m_{010}^{(11)}m_{010}^{(21)}m_{101}^{(00)}m_{102}^{(20)}\\
&-m_{010}^{(11)}m_{010}^{(21)}m_{101}^{(00)}m_{003}^{(00)} - m_{010}^{(11)}m_{010}^{(21)}m_{101}^{(22)}m_{300}^{(20)} + m_{010}^{(11)}m_{010}^{(21)}m_{101}^{(22)}m_{201}^{(00)}\\
&-m_{010}^{(11)}m_{010}^{(21)}m_{002}^{(00)}m_{201}^{(20)} + m_{010}^{(11)}m_{010}^{(21)}m_{002}^{(00)}m_{102}^{(00)} + m_{010}^{(11)}m_{010}^{(21)}m_{002}^{(20)}m_{300}^{(20)}\\
&-m_{010}^{(11)}m_{010}^{(21)}m_{002}^{(20)}m_{201}^{(00)} + m_{010}^{(11)}m_{010}^{(22)}m_{200}^{(20)}m_{102}^{(10)} - m_{010}^{(11)}m_{010}^{(22)}m_{200}^{(20)}m_{012}^{(00)}\\
&-m_{010}^{(11)}m_{010}^{(22)}m_{200}^{(22)}m_{201}^{(10)} + m_{010}^{(11)}m_{010}^{(22)}m_{200}^{(22)}m_{111}^{(00)} - m_{010}^{(11)}m_{010}^{(22)}m_{101}^{(00)}m_{102}^{(10)}\\
&+m_{010}^{(11)}m_{010}^{(22)}m_{101}^{(00)}m_{012}^{(00)} + m_{010}^{(11)}m_{010}^{(22)}m_{101}^{(22)}m_{300}^{(10)} - m_{010}^{(11)}m_{010}^{(22)}m_{101}^{(22)}m_{210}^{(00)}\\
&+m_{010}^{(11)}m_{010}^{(22)}m_{002}^{(00)}m_{201}^{(10)} - m_{010}^{(11)}m_{010}^{(22)}m_{002}^{(00)}m_{111}^{(00)} - m_{010}^{(11)}m_{010}^{(22)}m_{002}^{(20)}m_{300}^{(10)}\\
&+m_{010}^{(11)}m_{010}^{(22)}m_{002}^{(20)}m_{210}^{(00)} + m_{010}^{(11)}m_{001}^{(00)}m_{200}^{(20)}m_{012}^{(21)} - m_{010}^{(11)}m_{001}^{(00)}m_{200}^{(20)}m_{003}^{(11)}\\
&-m_{010}^{(11)}m_{001}^{(00)}m_{200}^{(22)}m_{111}^{(21)} + m_{010}^{(11)}m_{001}^{(00)}m_{200}^{(22)}m_{102}^{(11)} - m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(00)}m_{012}^{(21)}\\
&+m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(00)}m_{003}^{(11)} + m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(22)}m_{210}^{(21)} - m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(22)}m_{201}^{(11)}\\
&+m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(00)}m_{111}^{(21)} - m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(00)}m_{102}^{(11)} - m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(20)}m_{210}^{(21)}\\
&+m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(20)}m_{201}^{(11)} - m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{102}^{(21)} - m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{012}^{(20)}\\
&+2m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{003}^{(10)} + m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{201}^{(21)} + m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{111}^{(20)}\\
&-2m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{102}^{(10)} + m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(00)}m_{102}^{(21)} + m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(00)}m_{012}^{(20)}\\
&-2m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(00)}m_{003}^{(10)} - m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{300}^{(21)} - m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{210}^{(20)}\\
&+2m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{201}^{(10)} - m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(00)}m_{201}^{(21)} - m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(00)}m_{111}^{(20)}\\
&+2m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(00)}m_{102}^{(10)} + m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{300}^{(21)} + m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{210}^{(20)}\\
&-2m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{201}^{(10)} + m_{010}^{(11)}m_{001}^{(11)}m_{200}^{(20)}m_{102}^{(20)} - m_{010}^{(11)}m_{001}^{(11)}m_{200}^{(20)}m_{003}^{(00)}\\
&-m_{010}^{(11)}m_{001}^{(11)}m_{200}^{(22)}m_{201}^{(20)} + m_{010}^{(11)}m_{001}^{(11)}m_{200}^{(22)}m_{102}^{(00)} - m_{010}^{(11)}m_{001}^{(11)}m_{101}^{(00)}m_{102}^{(20)}\\
&+m_{010}^{(11)}m_{001}^{(11)}m_{101}^{(00)}m_{003}^{(00)} + m_{010}^{(11)}m_{001}^{(11)}m_{101}^{(22)}m_{300}^{(20)} - m_{010}^{(11)}m_{001}^{(11)}m_{101}^{(22)}m_{201}^{(00)}\\
&+m_{010}^{(11)}m_{001}^{(11)}m_{002}^{(00)}m_{201}^{(20)} - m_{010}^{(11)}m_{001}^{(11)}m_{002}^{(00)}m_{102}^{(00)} - m_{010}^{(11)}m_{001}^{(11)}m_{002}^{(20)}m_{300}^{(20)}\\
&+m_{010}^{(11)}m_{001}^{(11)}m_{002}^{(20)}m_{201}^{(00)} + m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{102}^{(11)} - m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{012}^{(10)}\\
&-m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(22)}m_{201}^{(11)} + m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(22)}m_{111}^{(10)} - m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{102}^{(11)}\\
&+m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{012}^{(10)} + m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(22)}m_{300}^{(11)} - m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(22)}m_{210}^{(10)}\\
&+m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(00)}m_{201}^{(11)} - m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(00)}m_{111}^{(10)} - m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(20)}m_{300}^{(11)}\\
&+m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(20)}m_{210}^{(10)} - m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{102}^{(10)} + m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{012}^{(00)}\\
&+m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(22)}m_{201}^{(10)} - m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(22)}m_{111}^{(00)} + m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{102}^{(10)}\\
&-m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{012}^{(00)} - m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(22)}m_{300}^{(10)} + m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(22)}m_{210}^{(00)}\\
&-m_{010}^{(11)}m_{001}^{(21)}m_{002}^{(00)}m_{201}^{(10)} + m_{010}^{(11)}m_{001}^{(21)}m_{002}^{(00)}m_{111}^{(00)} + m_{010}^{(11)}m_{001}^{(21)}m_{002}^{(20)}m_{300}^{(10)}\\
&-m_{010}^{(11)}m_{001}^{(21)}m_{002}^{(20)}m_{210}^{(00)} - (m_{010}^{(20)})^2m_{200}^{(21)}m_{111}^{(21)} + 2(m_{010}^{(20)})^2m_{200}^{(21)}m_{021}^{(20)}\\
&-(m_{010}^{(20)})^2m_{200}^{(21)}m_{012}^{(10)} + (m_{010}^{(20)})^2m_{200}^{(22)}m_{120}^{(21)} - 2(m_{010}^{(20)})^2m_{200}^{(22)}m_{030}^{(20)}\\
&+(m_{010}^{(20)})^2m_{200}^{(22)}m_{021}^{(10)} - (m_{010}^{(20)})^2m_{110}^{(20)}m_{111}^{(21)} + 2(m_{010}^{(20)})^2m_{110}^{(20)}m_{021}^{(20)}\\
&-(m_{010}^{(20)})^2m_{110}^{(20)}m_{012}^{(10)} + 2(m_{010}^{(20)})^2m_{110}^{(21)}m_{201}^{(21)} - 4(m_{010}^{(20)})^2m_{110}^{(21)}m_{111}^{(20)}\\
&+2(m_{010}^{(20)})^2m_{110}^{(21)}m_{102}^{(10)} - (m_{010}^{(20)})^2m_{110}^{(22)}m_{210}^{(21)} + 2(m_{010}^{(20)})^2m_{110}^{(22)}m_{120}^{(20)}\\
&-(m_{010}^{(20)})^2m_{110}^{(22)}m_{111}^{(10)} + (m_{010}^{(20)})^2m_{101}^{(10)}m_{111}^{(21)} - 2(m_{010}^{(20)})^2m_{101}^{(10)}m_{021}^{(20)}
\end{aligned}
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\begin{aligned}
&+(m_{010}^{(20)})^2 m_{101}^{(10)} m_{012}^{(10)} - (m_{010}^{(20)})^2 m_{101}^{(21)} m_{210}^{(21)} + 2(m_{010}^{(20)})^2 m_{101}^{(21)} m_{120}^{(20)} \\
&-(m_{010}^{(20)})^2 m_{101}^{(21)} m_{111}^{(10)} + (m_{010}^{(20)})^2 m_{011}^{(00)} m_{111}^{(21)} - 2(m_{010}^{(20)})^2 m_{011}^{(00)} m_{021}^{(20)} \\
&+(m_{010}^{(20)})^2 m_{011}^{(00)} m_{012}^{(10)} - 2(m_{010}^{(20)})^2 m_{011}^{(10)} m_{201}^{(21)} + 4(m_{010}^{(20)})^2 m_{011}^{(10)} m_{111}^{(20)} \\
&-2(m_{010}^{(20)})^2 m_{011}^{(10)} m_{102}^{(10)} + (m_{010}^{(20)})^2 m_{011}^{(20)} m_{210}^{(21)} - 2(m_{010}^{(20)})^2 m_{011}^{(20)} m_{120}^{(20)} \\
&+(m_{010}^{(20)})^2 m_{011}^{(20)} m_{111}^{(10)} - (m_{010}^{(20)})^2 m_{002}^{(00)} m_{120}^{(21)} + 2(m_{010}^{(20)})^2 m_{002}^{(00)} m_{030}^{(20)} \\
&-(m_{010}^{(20)})^2 m_{002}^{(00)} m_{021}^{(10)} + (m_{010}^{(20)})^2 m_{002}^{(10)} m_{210}^{(21)} - 2(m_{010}^{(20)})^2 m_{002}^{(10)} m_{120}^{(20)} \\
&+(m_{010}^{(20)})^2 m_{002}^{(10)} m_{111}^{(10)} + 2m_{010}^{(20)} m_{010}^{(21)} m_{200}^{(20)} m_{111}^{(21)} - 4m_{010}^{(20)} m_{010}^{(21)} m_{200}^{(20)} m_{021}^{(20)} \\
&+2m_{010}^{(20)} m_{010}^{(21)} m_{200}^{(20)} m_{012}^{(10)} - m_{010}^{(20)} m_{010}^{(21)} m_{200}^{(21)} m_{201}^{(21)} + m_{010}^{(20)} m_{010}^{(21)} m_{200}^{(21)} m_{111}^{(20)} \\
&-m_{010}^{(20)} m_{010}^{(21)} m_{200}^{(21)} m_{102}^{(10)} + m_{010}^{(20)} m_{010}^{(21)} m_{200}^{(20)} m_{012}^{(00)} - m_{010}^{(20)} m_{010}^{(21)} m_{200}^{(22)} m_{210}^{(21)} \\
&+3m_{010}^{(20)} m_{010}^{(21)} m_{200}^{(22)} m_{120}^{(20)} - m_{010}^{(20)} m_{010}^{(21)} m_{200}^{(22)} m_{111}^{(10)} - m_{010}^{(20)} m_{010}^{(21)} m_{200}^{(22)} m_{021}^{(00)} \\
&-m_{010}^{(20)} m_{010}^{(21)} m_{110}^{(20)} m_{201}^{(21)} + m_{010}^{(20)} m_{010}^{(21)} m_{110}^{(20)} m_{111}^{(20)} - m_{010}^{(20)} m_{010}^{(21)} m_{110}^{(20)} m_{102}^{(10)} \\
&+m_{010}^{(20)} m_{010}^{(21)} m_{110}^{(20)} m_{012}^{(00)} + 2m_{010}^{(20)} m_{010}^{(21)} m_{110}^{(21)} m_{201}^{(20)} - 2m_{010}^{(20)} m_{010}^{(21)} m_{110}^{(21)} m_{102}^{(00)} \\
&+m_{010}^{(20)} m_{010}^{(21)} m_{110}^{(22)} m_{300}^{(21)} - 3m_{010}^{(20)} m_{010}^{(21)} m_{110}^{(22)} m_{210}^{(20)} + m_{010}^{(20)} m_{010}^{(21)} m_{110}^{(22)} m_{201}^{(10)} \\
&+m_{010}^{(20)} m_{010}^{(21)} m_{110}^{(22)} m_{111}^{(00)} - 2m_{010}^{(20)} m_{010}^{(21)} m_{101}^{(00)} m_{111}^{(21)} + 4m_{010}^{(20)} m_{010}^{(21)} m_{101}^{(00)} m_{021}^{(20)} \\
&-2m_{010}^{(20)} m_{010}^{(21)} m_{101}^{(00)} m_{012}^{(10)} + m_{010}^{(20)} m_{010}^{(21)} m_{101}^{(10)} m_{201}^{(21)} - m_{010}^{(20)} m_{010}^{(21)} m_{101}^{(10)} m_{111}^{(20)} \\
&+m_{010}^{(20)} m_{010}^{(21)} m_{101}^{(10)} m_{102}^{(10)} - m_{010}^{(20)} m_{010}^{(21)} m_{101}^{(10)} m_{012}^{(00)} + m_{010}^{(20)} m_{010}^{(21)} m_{101}^{(21)} m_{300}^{(21)} \\
&-3m_{010}^{(20)} m_{010}^{(21)} m_{101}^{(21)} m_{210}^{(20)} + m_{010}^{(20)} m_{010}^{(21)} m_{101}^{(21)} m_{201}^{(10)} + m_{010}^{(20)} m_{010}^{(21)} m_{101}^{(21)} m_{111}^{(00)} \\
&+m_{010}^{(20)} m_{010}^{(21)} m_{011}^{(00)} m_{201}^{(21)} - m_{010}^{(20)} m_{010}^{(21)} m_{011}^{(00)} m_{111}^{(20)} + m_{010}^{(20)} m_{010}^{(21)} m_{011}^{(00)} m_{102}^{(10)} \\
&-m_{010}^{(20)} m_{010}^{(21)} m_{011}^{(00)} m_{012}^{(00)} - 2m_{010}^{(20)} m_{010}^{(21)} m_{011}^{(10)} m_{201}^{(20)} + 2m_{010}^{(20)} m_{010}^{(21)} m_{011}^{(10)} m_{102}^{(00)} \\
&-m_{010}^{(20)} m_{010}^{(21)} m_{011}^{(20)} m_{300}^{(21)} + 3m_{010}^{(20)} m_{010}^{(21)} m_{011}^{(20)} m_{210}^{(20)} - m_{010}^{(20)} m_{010}^{(21)} m_{011}^{(20)} m_{201}^{(10)} \\
&-m_{010}^{(20)} m_{010}^{(21)} m_{011}^{(20)} m_{111}^{(00)} + m_{010}^{(20)} m_{010}^{(21)} m_{002}^{(00)} m_{210}^{(21)} - 3m_{010}^{(20)} m_{010}^{(21)} m_{002}^{(00)} m_{120}^{(20)} \\
&+m_{010}^{(20)} m_{010}^{(21)} m_{002}^{(00)} m_{111}^{(10)} + m_{010}^{(20)} m_{010}^{(21)} m_{002}^{(00)} m_{021}^{(00)} - m_{010}^{(20)} m_{010}^{(21)} m_{002}^{(10)} m_{300}^{(21)} \\
&+3m_{010}^{(20)} m_{010}^{(21)} m_{002}^{(10)} m_{210}^{(20)} - m_{010}^{(20)} m_{010}^{(21)} m_{002}^{(10)} m_{201}^{(10)} - m_{010}^{(20)} m_{010}^{(21)} m_{002}^{(10)} m_{111}^{(00)} \\
&-m_{010}^{(20)} m_{010}^{(22)} m_{200}^{(20)} m_{120}^{(21)} + 2m_{010}^{(20)} m_{010}^{(22)} m_{200}^{(20)} m_{030}^{(20)} - m_{010}^{(20)} m_{010}^{(22)} m_{200}^{(20)} m_{021}^{(10)} \\
&+m_{010}^{(20)} m_{010}^{(22)} m_{200}^{(21)} m_{210}^{(21)} - 2m_{010}^{(20)} m_{010}^{(22)} m_{200}^{(21)} m_{120}^{(20)} + 2m_{010}^{(20)} m_{010}^{(22)} m_{200}^{(21)} m_{111}^{(10)} \\
&-m_{010}^{(20)} m_{010}^{(22)} m_{200}^{(21)} m_{021}^{(00)} - m_{010}^{(20)} m_{010}^{(22)} m_{200}^{(22)} m_{120}^{(10)} + m_{010}^{(20)} m_{010}^{(22)} m_{200}^{(22)} m_{030}^{(00)} \\
&+m_{010}^{(20)} m_{010}^{(22)} m_{110}^{(20)} m_{210}^{(21)} - 2m_{010}^{(20)} m_{010}^{(22)} m_{110}^{(20)} m_{120}^{(20)} + 2m_{010}^{(20)} m_{010}^{(22)} m_{110}^{(20)} m_{111}^{(10)} \\
&-m_{010}^{(20)} m_{010}^{(22)} m_{110}^{(20)} m_{021}^{(00)} - m_{010}^{(20)} m_{010}^{(22)} m_{110}^{(21)} m_{300}^{(21)} + 2m_{010}^{(20)} m_{010}^{(22)} m_{110}^{(21)} m_{210}^{(20)} \\
&-3m_{010}^{(20)} m_{010}^{(22)} m_{110}^{(21)} m_{201}^{(10)} + 2m_{010}^{(20)} m_{010}^{(22)} m_{110}^{(21)} m_{111}^{(00)} + m_{010}^{(20)} m_{010}^{(22)} m_{110}^{(22)} m_{210}^{(10)} \\
&-m_{010}^{(20)} m_{010}^{(22)} m_{110}^{(22)} m_{120}^{(00)} + m_{010}^{(20)} m_{010}^{(22)} m_{101}^{(00)} m_{120}^{(21)} - 2m_{010}^{(20)} m_{010}^{(22)} m_{101}^{(00)} m_{030}^{(20)} \\
&+m_{010}^{(20)} m_{010}^{(22)} m_{101}^{(00)} m_{021}^{(10)} - m_{010}^{(20)} m_{010}^{(22)} m_{101}^{(10)} m_{210}^{(21)} + 2m_{010}^{(20)} m_{010}^{(22)} m_{101}^{(10)} m_{120}^{(20)} \\
&-2m_{010}^{(20)} m_{010}^{(22)} m_{101}^{(10)} m_{111}^{(10)} + m_{010}^{(20)} m_{010}^{(22)} m_{101}^{(10)} m_{021}^{(00)} + m_{010}^{(20)} m_{010}^{(22)} m_{101}^{(21)} m_{210}^{(10)} \\
&-m_{010}^{(20)} m_{010}^{(22)} m_{101}^{(21)} m_{120}^{(00)} - m_{010}^{(20)} m_{010}^{(22)} m_{011}^{(00)} m_{210}^{(21)} + 2m_{010}^{(20)} m_{010}^{(22)} m_{011}^{(00)} m_{120}^{(20)} \\
&-2m_{010}^{(20)} m_{010}^{(22)} m_{011}^{(00)} m_{111}^{(10)} + m_{010}^{(20)} m_{010}^{(22)} m_{011}^{(00)} m_{021}^{(00)} + m_{010}^{(20)} m_{010}^{(22)} m_{011}^{(10)} m_{300}^{(21)} \\
&-2m_{010}^{(20)} m_{010}^{(22)} m_{011}^{(10)} m_{210}^{(20)} + 3m_{010}^{(20)} m_{010}^{(22)} m_{011}^{(10)} m_{201}^{(10)} - 2m_{010}^{(20)} m_{010}^{(22)} m_{011}^{(10)} m_{111}^{(00)} \\
&-m_{010}^{(20)} m_{010}^{(22)} m_{011}^{(20)} m_{210}^{(10)} + m_{010}^{(20)} m_{010}^{(22)} m_{011}^{(20)} m_{120}^{(00)} + m_{010}^{(20)} m_{010}^{(22)} m_{002}^{(00)} m_{120}^{(10)} \\
&-m_{010}^{(20)} m_{010}^{(22)} m_{002}^{(00)} m_{030}^{(00)} - m_{010}^{(20)} m_{010}^{(22)} m_{002}^{(10)} m_{210}^{(10)} + m_{010}^{(20)} m_{010}^{(22)} m_{002}^{(10)} m_{120}^{(00)} \\
&+m_{010}^{(20)} m_{001}^{(00)} m_{200}^{(21)} m_{021}^{(21)} - m_{010}^{(20)} m_{001}^{(00)} m_{200}^{(21)} m_{012}^{(11)} - m_{010}^{(20)} m_{001}^{(00)} m_{200}^{(22)} m_{030}^{(21)}
\end{aligned}
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\begin{aligned}
&+m_{010}^{(20)}m_{001}^{(00)}m_{200}^{(22)}m_{021}^{(11)}+m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(11)}m_{102}^{(21)}-2m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(11)}m_{012}^{(20)}\\
&+m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(11)}m_{003}^{(10)}+m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(20)}m_{021}^{(21)}-m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(20)}m_{012}^{(11)}\\
&-3m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{111}^{(21)}+2m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{102}^{(11)}+2m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{021}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(10)}+m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(22)}m_{120}^{(21)}-m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(22)}m_{111}^{(11)}\\
&-m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(10)}m_{021}^{(21)}+m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(10)}m_{012}^{(11)}-m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(11)}m_{111}^{(21)}\\
&+2m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(11)}m_{021}^{(20)}-m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(11)}m_{012}^{(10)}+2m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(21)}m_{120}^{(21)}\\
&-m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(21)}m_{111}^{(11)}-2m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(21)}m_{030}^{(20)}+m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(10)}m_{102}^{(21)}+2m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(10)}m_{012}^{(20)}-m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(10)}m_{003}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(20)}m_{111}^{(21)}-2m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(20)}m_{021}^{(20)}+m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(20)}m_{012}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(00)}m_{021}^{(21)}+m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(00)}m_{012}^{(11)}+3m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(21)}\\
&-2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{102}^{(11)}-2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{021}^{(20)}+m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(10)}\\
&-2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(20)}m_{120}^{(21)}+m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(11)}+2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(20)}m_{030}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(10)}+m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(00)}m_{030}^{(21)}-m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(00)}m_{021}^{(11)}\\
&-m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(10)}m_{120}^{(21)}+m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(10)}m_{111}^{(11)}-m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(11)}m_{102}^{(21)}\\
&+2m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(11)}m_{012}^{(20)}-m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(11)}m_{003}^{(10)}-3m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(20)}\\
&+3m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(10)}+m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(22)}m_{120}^{(21)}+m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(22)}m_{030}^{(20)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(22)}m_{021}^{(10)}-2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(21)}+m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(20)}\\
&+m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(10)}+3m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{201}^{(21)}-3m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{210}^{(21)}-m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{120}^{(20)}+2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(10)}\\
&+2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(21)}-m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(20)}-m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{201}^{(21)}-2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(20)}+m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{102}^{(10)}\\
&-3m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{210}^{(21)}+3m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(20)}+m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(00)}m_{102}^{(21)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(00)}m_{012}^{(20)}+m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(00)}m_{003}^{(10)}-m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{201}^{(21)}\\
&+2m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{111}^{(20)}-m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(10)}+3m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(00)}m_{021}^{(20)}\\
&-3m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(00)}m_{012}^{(10)}-3m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(21)}+3m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(10)}\\
&+3m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(21)}-3m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(20)}-m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(00)}m_{120}^{(21)}\\
&-m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(00)}m_{030}^{(20)}+2m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(00)}m_{021}^{(10)}+m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{210}^{(21)}\\
&+m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{120}^{(20)}-2m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(10)}+m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(10)}m_{102}^{(21)}\\
&-2m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(20)}+m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(10)}m_{003}^{(10)}-m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(21)}m_{201}^{(21)}\\
&+3m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(21)}m_{111}^{(20)}-m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(10)}-m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(21)}m_{012}^{(00)}\\
&-m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(22)}m_{120}^{(20)}+m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(22)}m_{021}^{(00)}-m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(00)}m_{102}^{(21)}\\
&+2m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(00)}m_{012}^{(20)}-m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(00)}m_{003}^{(10)}+m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{201}^{(21)}\\
&-m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(20)}+m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(10)}-m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{012}^{(00)}\\
&-2m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{201}^{(20)}+2m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{102}^{(00)}+m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(22)}m_{210}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(22)}m_{111}^{(00)}-m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(21)}+m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(10)}+m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(11)}m_{012}^{(00)}+m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{300}^{(21)}\\
&-m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{210}^{(20)}+m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(10)}-m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(00)}\\
&+m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(00)}m_{201}^{(21)}-3m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(00)}m_{111}^{(20)}+m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(00)}m_{102}^{(10)}
\end{aligned}
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\begin{aligned}
&+m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(00)}m_{012}^{(00)} + 2m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(20)} - 2m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{102}^{(00)}\\
&-m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{300}^{(21)} + m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{210}^{(20)} - m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(00)} + m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(00)}m_{120}^{(20)} - m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(00)}m_{021}^{(00)}\\
&-m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(10)}m_{210}^{(20)} + m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(10)}m_{111}^{(00)} + m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(11)}m_{111}^{(21)}\\
&-2m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(20)} + m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(11)}m_{012}^{(10)} - m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(21)}m_{120}^{(21)}\\
&+m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(21)}m_{111}^{(11)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(21)}m_{030}^{(20)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(22)}m_{120}^{(11)} + m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(22)}m_{030}^{(10)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{201}^{(21)}\\
&+4m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(20)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{102}^{(10)} + m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(21)}\\
&+m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(11)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(20)}m_{030}^{(20)} + m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(21)}\\
&-2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{201}^{(11)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(20)} + 3m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(22)}m_{210}^{(11)} - m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(22)}m_{120}^{(10)} - m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(21)}\\
&-m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(11)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(20)} + m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{210}^{(21)}\\
&-2m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(20)} + m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(10)} + m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(21)}m_{210}^{(11)}\\
&-m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(10)} - m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(21)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(00)}m_{021}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(00)}m_{012}^{(10)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(21)} - 4m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(20)}\\
&+2m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(10)} - m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(21)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{120}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(10)} + m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(21)} - m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(00)}m_{111}^{(11)}\\
&-2m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(00)}m_{030}^{(20)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(00)}m_{021}^{(10)} - m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(21)}\\
&+2m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(11)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(20)} - 3m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(11)} + m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(10)} + m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(00)}m_{120}^{(11)}\\
&-m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(00)}m_{030}^{(10)} - m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(10)}m_{210}^{(11)} + m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(10)}m_{120}^{(10)}\\
&-2m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(21)} + 4m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(20)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{201}^{(21)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(20)} + m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{102}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{210}^{(21)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(20)} + m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(00)}\\
&+m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(22)}m_{120}^{(10)} - m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(22)}m_{030}^{(00)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(21)}\\
&-4m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{021}^{(20)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{012}^{(10)} - m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(21)}\\
&+2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(20)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(10)} + m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{021}^{(00)}\\
&-m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{300}^{(21)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(20)} + m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(10)}\\
&-2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(00)} - m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(10)} + m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(22)}m_{120}^{(00)}\\
&+m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(21)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(20)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(00)} - m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{300}^{(21)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(10)} - m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(10)} + m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(00)}\\
&-m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(21)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(20)} - m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{102}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{300}^{(21)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(20)} + m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(21)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{120}^{(20)} - m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{021}^{(00)}\\
&+m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(21)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(20)} - m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(10)}\\
&+2m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(20)}m_{111}^{(00)} + m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(10)} - m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(20)}m_{120}^{(00)}\\
&-m_{010}^{(20)}m_{001}^{(21)}m_{002}^{(00)}m_{120}^{(10)} + m_{010}^{(20)}m_{001}^{(21)}m_{002}^{(00)}m_{030}^{(00)} + m_{010}^{(20)}m_{001}^{(21)}m_{002}^{(10)}m_{210}^{(10)}
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&-m_{010}^{(20)}m_{001}^{(21)}m_{002}^{(10)}m_{120}^{(00)} + m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(21)} - 2m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(20)}\\
&+m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(10)} - m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{210}^{(21)} + 2m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(10)} - m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(21)} + 2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{030}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{021}^{(10)} + m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{300}^{(21)} - 2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(20)}\\
&+m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{201}^{(10)} + m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(21)} - 2m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{120}^{(20)}\\
&+m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(10)} - m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(21)} + 2m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(10)} + 2(m_{010}^{(21)})^2m_{200}^{(20)}m_{111}^{(20)} - 2(m_{010}^{(21)})^2m_{200}^{(20)}m_{012}^{(00)}\\
&-(m_{010}^{(21)})^2m_{200}^{(21)}m_{201}^{(20)} + (m_{010}^{(21)})^2m_{200}^{(21)}m_{102}^{(00)} - (m_{010}^{(21)})^2m_{200}^{(22)}m_{210}^{(20)}\\
&+(m_{010}^{(21)})^2m_{200}^{(22)}m_{111}^{(00)} - (m_{010}^{(21)})^2m_{110}^{(20)}m_{201}^{(20)} + (m_{010}^{(21)})^2m_{110}^{(20)}m_{102}^{(00)}\\
&+(m_{010}^{(21)})^2m_{110}^{(22)}m_{300}^{(20)} - (m_{010}^{(21)})^2m_{110}^{(22)}m_{201}^{(00)} - 2(m_{010}^{(21)})^2m_{101}^{(00)}m_{111}^{(20)}\\
&+2(m_{010}^{(21)})^2m_{101}^{(00)}m_{012}^{(00)} + (m_{010}^{(21)})^2m_{101}^{(10)}m_{201}^{(20)} - (m_{010}^{(21)})^2m_{101}^{(10)}m_{102}^{(00)}\\
&+(m_{010}^{(21)})^2m_{101}^{(21)}m_{300}^{(20)} - (m_{010}^{(21)})^2m_{101}^{(21)}m_{201}^{(00)} + (m_{010}^{(21)})^2m_{011}^{(00)}m_{201}^{(20)}\\
&-(m_{010}^{(21)})^2m_{011}^{(00)}m_{102}^{(00)} - (m_{010}^{(21)})^2m_{011}^{(20)}m_{300}^{(20)} + (m_{010}^{(21)})^2m_{011}^{(20)}m_{201}^{(00)}\\
&+(m_{010}^{(21)})^2m_{002}^{(00)}m_{210}^{(20)} - (m_{010}^{(21)})^2m_{002}^{(00)}m_{111}^{(00)} - (m_{010}^{(21)})^2m_{002}^{(10)}m_{300}^{(20)}\\
&+(m_{010}^{(21)})^2m_{002}^{(10)}m_{201}^{(00)} - m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{120}^{(20)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{111}^{(10)}\\
&+3m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(00)} + m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{210}^{(20)} + m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{201}^{(10)}\\
&-2m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(00)} + m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(22)}m_{210}^{(10)} - m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(22)}m_{120}^{(00)}\\
&+m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{210}^{(20)} + m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{201}^{(10)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(00)}\\
&-m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(21)}m_{300}^{(20)} + m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(00)} - m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(22)}m_{300}^{(10)}\\
&+m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(22)}m_{210}^{(00)} + m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(00)}m_{120}^{(20)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(00)}m_{111}^{(10)}\\
&-3m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(00)}m_{021}^{(00)} - m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{210}^{(20)} - m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{201}^{(10)}\\
&+2m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(00)} - m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(21)}m_{300}^{(10)} + m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(00)}\\
&-m_{010}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{210}^{(20)} - m_{010}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{201}^{(10)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{111}^{(00)}\\
&+m_{010}^{(21)}m_{010}^{(22)}m_{011}^{(10)}m_{300}^{(20)} - m_{010}^{(21)}m_{010}^{(22)}m_{011}^{(10)}m_{201}^{(00)} + m_{010}^{(21)}m_{010}^{(22)}m_{011}^{(20)}m_{300}^{(10)}\\
&-m_{010}^{(21)}m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(00)} - m_{010}^{(21)}m_{010}^{(22)}m_{002}^{(00)}m_{210}^{(10)} + m_{010}^{(21)}m_{010}^{(22)}m_{002}^{(00)}m_{120}^{(00)}\\
&+m_{010}^{(21)}m_{010}^{(22)}m_{002}^{(10)}m_{300}^{(10)} - m_{010}^{(21)}m_{010}^{(22)}m_{002}^{(10)}m_{210}^{(00)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{200}^{(20)}m_{021}^{(21)}\\
&+2m_{010}^{(21)}m_{001}^{(00)}m_{200}^{(20)}m_{012}^{(11)} + m_{010}^{(21)}m_{001}^{(00)}m_{200}^{(21)}m_{111}^{(21)} - m_{010}^{(21)}m_{001}^{(00)}m_{200}^{(21)}m_{102}^{(11)}\\
&+m_{010}^{(21)}m_{001}^{(00)}m_{200}^{(22)}m_{120}^{(21)} - m_{010}^{(21)}m_{001}^{(00)}m_{200}^{(22)}m_{111}^{(11)} + m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(11)}m_{102}^{(20)}\\
&-m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(11)}m_{003}^{(00)} + m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{111}^{(21)} - m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{102}^{(11)}\\
&-m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{111}^{(20)} + m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(00)} - m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(22)}m_{210}^{(21)}\\
&+m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(22)}m_{201}^{(11)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(00)}m_{021}^{(21)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(00)}m_{012}^{(11)}\\
&-m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(10)}m_{111}^{(21)} + m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(10)}m_{102}^{(11)} - m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(11)}m_{111}^{(20)}\\
&+m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(11)}m_{012}^{(00)} - m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{210}^{(21)} + m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{201}^{(11)}\\
&+m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{120}^{(20)} - m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(00)} - m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(10)}m_{020}^{(20)}m_{102}^{(20)}\\
&+m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(10)}m_{003}^{(00)} + m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(20)}m_{111}^{(20)} - m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(20)}m_{012}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(00)}m_{111}^{(21)} + m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(00)}m_{102}^{(11)} + m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(20)}\\
&-m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(00)} + m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{210}^{(21)} - m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{201}^{(11)}\\
&-m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{120}^{(20)} + m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(00)} - m_{010}^{(21)}m_{001}^{(00)}m_{002}^{(00)}m_{120}^{(21)}
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&+m_{010}^{(21)}m_{001}^{(00)}m_{002}^{(00)}m_{111}^{(11)}+m_{010}^{(21)}m_{001}^{(00)}m_{002}^{(10)}m_{210}^{(21)}-m_{010}^{(21)}m_{001}^{(00)}m_{002}^{(10)}m_{201}^{(11)}\\
&-m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(11)}m_{102}^{(20)}+m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(11)}m_{003}^{(00)}+2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{111}^{(21)}\\
&+2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{021}^{(20)}-4m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{012}^{(10)}-m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{201}^{(21)}\\
&+2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{102}^{(10)}-m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(00)}-m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(22)}m_{210}^{(21)}\\
&-m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(22)}m_{120}^{(20)}+2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(22)}m_{111}^{(10)}-m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{201}^{(21)}\\
&-2m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(20)}+2m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{102}^{(10)}+m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{201}^{(20)}-m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(00)}+m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(22)}m_{300}^{(21)}\\
&+m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(22)}m_{210}^{(20)}-2m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(22)}m_{201}^{(10)}-2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{111}^{(21)}\\
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&+2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(20)}-2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{102}^{(10)}-m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(11)}m_{201}^{(20)}-m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(11)}m_{102}^{(00)}+m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{300}^{(21)}\\
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&+m_{010}^{(21)}m_{001}^{(10)}m_{020}^{(00)}m_{102}^{(20)}-m_{010}^{(21)}m_{001}^{(10)}m_{020}^{(00)}m_{003}^{(00)}-m_{010}^{(21)}m_{001}^{(10)}m_{020}^{(20)}m_{201}^{(20)}\\
&+m_{010}^{(21)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(00)}+m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{201}^{(21)}-2m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{102}^{(10)}\\
&+m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{012}^{(00)}-m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(20)}+m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{300}^{(21)}+m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(20)}+2m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(10)}\\
&-2m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(00)}+m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(00)}m_{210}^{(21)}+m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(00)}m_{120}^{(20)}\\
&-2m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(00)}m_{111}^{(10)}-m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{300}^{(21)}-m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{210}^{(20)}\\
&+2m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{201}^{(10)}+m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{102}^{(20)}-m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{003}^{(00)}\\
&-2m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{111}^{(20)}+2m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(00)}+m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(22)}m_{210}^{(20)}\\
&-m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(22)}m_{111}^{(00)}-m_{010}^{(21)}m_{001}^{(11)}m_{110}^{(00)}m_{102}^{(20)}+m_{010}^{(21)}m_{001}^{(11)}m_{110}^{(00)}m_{003}^{(00)}\\
&+2m_{010}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{201}^{(20)}-2m_{010}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(00)}-m_{010}^{(21)}m_{001}^{(11)}m_{110}^{(22)}m_{300}^{(20)}\\
&+m_{010}^{(21)}m_{001}^{(11)}m_{110}^{(22)}m_{201}^{(00)}+2m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{111}^{(20)}-2m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{012}^{(00)}\\
&-2m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(20)}+2m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(00)}-m_{010}^{(21)}m_{001}^{(11)}m_{002}^{(00)}m_{210}^{(20)}\\
&+m_{010}^{(21)}m_{001}^{(11)}m_{002}^{(00)}m_{111}^{(00)}+m_{010}^{(21)}m_{001}^{(11)}m_{002}^{(10)}m_{300}^{(20)}-m_{010}^{(21)}m_{001}^{(11)}m_{002}^{(10)}m_{201}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{111}^{(20)}-m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{012}^{(00)}-2m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{111}^{(11)}\\
&+2m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{021}^{(10)}+m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{201}^{(11)}-m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{120}^{(20)}\\
&-m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{111}^{(10)}+m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(00)}+m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(22)}m_{210}^{(11)}\\
&-m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(22)}m_{120}^{(10)}-2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{201}^{(20)}+2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{102}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{201}^{(11)}+m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(20)}-m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(10)}\\
&-m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(00)}+m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(20)}-m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(22)}m_{300}^{(11)}+m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(22)}m_{210}^{(10)}+2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(00)}m_{111}^{(11)}\\
&-2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(00)}m_{021}^{(10)}-m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{201}^{(11)}-m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(20)}\\
&+m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(10)}+m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(00)}+m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{210}^{(20)}\\
&-m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(00)}-m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(21)}m_{300}^{(11)}+m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(21)}m_{210}^{(10)}\\
&-m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(20)}+m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{012}^{(00)}+2m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(20)}\\
&-2m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(00)}-m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(20)}+m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{201}^{(11)}+m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(20)}+m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{111}^{(10)}
\end{aligned}
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\begin{aligned}
&-m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{021}^{(00)} - m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(20)} + m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(20)}m_{300}^{(11)} - m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(10)} - m_{010}^{(21)}m_{001}^{(20)}m_{002}^{(00)}m_{210}^{(11)}\\
&+m_{010}^{(21)}m_{001}^{(20)}m_{002}^{(00)}m_{120}^{(10)} + m_{010}^{(21)}m_{001}^{(20)}m_{002}^{(10)}m_{300}^{(11)} - m_{010}^{(21)}m_{001}^{(20)}m_{002}^{(10)}m_{210}^{(10)}\\
&-2m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(20)} + 2m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(00)} + m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(11)}m_{201}^{(20)}\\
&-m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(11)}m_{102}^{(00)} + 2m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(10)} - 2m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{210}^{(20)} - m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{201}^{(10)} - m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(22)}m_{210}^{(10)}\\
&+m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(22)}m_{120}^{(00)} + 2m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(20)} - 2m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{012}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(20)} - m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(10)} + 2m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{300}^{(20)} + m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(00)} + m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(22)}m_{300}^{(10)}\\
&-m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(00)} - 2m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(10)} + 2m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{021}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(20)} + m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{201}^{(10)} - 2m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(11)}m_{300}^{(20)} + m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(00)} + m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(21)}m_{300}^{(10)}\\
&-m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(00)} - m_{010}^{(21)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(20)} + m_{010}^{(21)}m_{001}^{(21)}m_{020}^{(00)}m_{102}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{300}^{(20)} - m_{010}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(00)} - m_{010}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(20)}\\
&+m_{010}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{201}^{(10)} + m_{010}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(20)} - m_{010}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(10)} + m_{010}^{(21)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(00)} + m_{010}^{(21)}m_{001}^{(21)}m_{002}^{(00)}m_{210}^{(10)}\\
&-m_{010}^{(21)}m_{001}^{(21)}m_{002}^{(00)}m_{120}^{(00)} - m_{010}^{(21)}m_{001}^{(21)}m_{002}^{(10)}m_{300}^{(10)} + m_{010}^{(21)}m_{001}^{(21)}m_{002}^{(10)}m_{210}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(20)} - m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(00)} - m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{210}^{(20)}\\
&+m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(00)} - m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(20)} + m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{021}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(11)}m_{300}^{(20)} - m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(11)}m_{201}^{(00)} + m_{010}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(20)}\\
&-m_{010}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(00)} - m_{010}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(20)} + m_{010}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(00)}\\
&+(m_{010}^{(22)})^2m_{200}^{(20)}m_{120}^{(10)} - (m_{010}^{(22)})^2m_{200}^{(20)}m_{030}^{(00)} - (m_{010}^{(22)})^2m_{200}^{(21)}m_{210}^{(10)}\\
&+(m_{010}^{(22)})^2m_{200}^{(21)}m_{120}^{(00)} - (m_{010}^{(22)})^2m_{110}^{(20)}m_{210}^{(10)} + (m_{010}^{(22)})^2m_{110}^{(20)}m_{120}^{(00)}\\
&+(m_{010}^{(22)})^2m_{110}^{(21)}m_{300}^{(10)} - (m_{010}^{(22)})^2m_{110}^{(21)}m_{210}^{(00)} - (m_{010}^{(22)})^2m_{101}^{(00)}m_{120}^{(10)}\\
&+(m_{010}^{(22)})^2m_{101}^{(00)}m_{030}^{(00)} + (m_{010}^{(22)})^2m_{101}^{(10)}m_{210}^{(10)} - (m_{010}^{(22)})^2m_{101}^{(10)}m_{120}^{(00)}\\
&+(m_{010}^{(22)})^2m_{011}^{(00)}m_{210}^{(10)} - (m_{010}^{(22)})^2m_{011}^{(00)}m_{120}^{(00)} - (m_{010}^{(22)})^2m_{011}^{(10)}m_{300}^{(10)}\\
&+(m_{010}^{(22)})^2m_{011}^{(10)}m_{210}^{(00)} + m_{010}^{(22)}m_{001}^{(00)}m_{200}^{(20)}m_{030}^{(21)} - m_{010}^{(22)}m_{001}^{(00)}m_{200}^{(20)}m_{021}^{(11)}\\
&-m_{010}^{(22)}m_{001}^{(00)}m_{200}^{(21)}m_{120}^{(21)} + m_{010}^{(22)}m_{001}^{(00)}m_{200}^{(21)}m_{111}^{(11)} - m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(11)}m_{102}^{(10)}\\
&+m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(11)}m_{012}^{(00)} - m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(20)}m_{120}^{(21)} + m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(20)}m_{111}^{(11)}\\
&+m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(21)}m_{210}^{(21)} - m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(21)}m_{201}^{(11)} + m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(21)}m_{111}^{(10)}\\
&-m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(21)}m_{021}^{(00)} - m_{010}^{(22)}m_{001}^{(00)}m_{101}^{(00)}m_{030}^{(21)} + m_{010}^{(22)}m_{001}^{(00)}m_{101}^{(00)}m_{021}^{(11)}\\
&+m_{010}^{(22)}m_{001}^{(00)}m_{101}^{(10)}m_{120}^{(21)} - m_{010}^{(22)}m_{001}^{(00)}m_{101}^{(10)}m_{111}^{(11)} + m_{010}^{(22)}m_{001}^{(00)}m_{101}^{(11)}m_{111}^{(10)}\\
&-m_{010}^{(22)}m_{001}^{(00)}m_{101}^{(11)}m_{021}^{(00)} - m_{010}^{(22)}m_{001}^{(00)}m_{101}^{(21)}m_{120}^{(10)} + m_{010}^{(22)}m_{001}^{(00)}m_{101}^{(21)}m_{030}^{(00)}\\
&+m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(10)}m_{102}^{(10)} - m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(10)}m_{012}^{(00)} - m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(20)}m_{111}^{(10)}\\
&+m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(20)}m_{021}^{(00)} + m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(00)}m_{120}^{(21)} - m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(00)}m_{111}^{(11)}\\
&-m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(10)}m_{210}^{(21)} + m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(10)}m_{201}^{(11)} - m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(10)}\\
&+m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(10)}m_{021}^{(00)} + m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(20)}m_{120}^{(10)} - m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(20)}m_{030}^{(00)}\\
&+m_{010}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(10)}m_{102}^{(10)} - m_{010}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(00)}m_{012}^{(00)} - m_{010}^{(22)}m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{120}^{(20)}
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\begin{aligned}
&-m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(20)}m_{030}^{(20)} + 2m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(20)}m_{021}^{(10)} + m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(21)}m_{210}^{(21)}\\
&+m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(21)}m_{120}^{(20)} - 3m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(21)}m_{111}^{(10)} + m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(00)}\\
&+m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(20)}m_{210}^{(21)} + m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(20)}m_{120}^{(20)} - m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(10)}\\
&-m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(00)} - m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(21)}m_{300}^{(21)} - m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(21)}m_{210}^{(20)}\\
&+m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(21)}m_{201}^{(10)} + m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(00)} + m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(00)}m_{120}^{(21)}\\
&+m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(00)}m_{030}^{(20)} - 2m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(00)}m_{021}^{(10)} - m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(10)}m_{210}^{(21)}\\
&-m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(10)}m_{120}^{(20)} + m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(10)} + m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(00)}\\
&-m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(11)}m_{201}^{(10)} + m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(00)} + 2m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(21)}m_{210}^{(10)}\\
&-2m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(00)} - m_{010}^{(22)}m_{001}^{(10)}m_{020}^{(00)}m_{102}^{(10)} + m_{010}^{(22)}m_{001}^{(10)}m_{020}^{(00)}m_{012}^{(00)}\\
&+m_{010}^{(22)}m_{001}^{(10)}m_{020}^{(20)}m_{201}^{(10)} - m_{010}^{(22)}m_{001}^{(10)}m_{020}^{(20)}m_{111}^{(00)} - m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(00)}m_{210}^{(21)}\\
&-m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(00)}m_{120}^{(20)} + 3m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(00)}m_{111}^{(10)} - m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(00)}m_{021}^{(00)}\\
&+m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(10)}m_{300}^{(21)} + m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(10)}m_{210}^{(20)} - m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(10)}\\
&-m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(00)} - 2m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(10)} + 2m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(00)}\\
&-m_{010}^{(22)}m_{001}^{(11)}m_{200}^{(10)}m_{102}^{(10)} + m_{010}^{(22)}m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(00)} + m_{010}^{(22)}m_{001}^{(11)}m_{200}^{(20)}m_{120}^{(20)}\\
&-m_{010}^{(22)}m_{001}^{(11)}m_{200}^{(20)}m_{021}^{(00)} - m_{010}^{(22)}m_{001}^{(11)}m_{200}^{(21)}m_{210}^{(20)} + m_{010}^{(22)}m_{001}^{(11)}m_{200}^{(21)}m_{201}^{(10)}\\
&+m_{010}^{(22)}m_{001}^{(11)}m_{110}^{(00)}m_{102}^{(10)} - m_{010}^{(22)}m_{001}^{(11)}m_{110}^{(00)}m_{012}^{(00)} - m_{010}^{(22)}m_{001}^{(11)}m_{110}^{(20)}m_{210}^{(20)}\\
&-m_{010}^{(22)}m_{001}^{(11)}m_{110}^{(20)}m_{201}^{(10)} + 2m_{010}^{(22)}m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(00)} + m_{010}^{(22)}m_{001}^{(11)}m_{110}^{(21)}m_{300}^{(20)}\\
&-m_{010}^{(22)}m_{001}^{(11)}m_{110}^{(21)}m_{201}^{(00)} - m_{010}^{(22)}m_{001}^{(11)}m_{101}^{(00)}m_{120}^{(20)} + m_{010}^{(22)}m_{001}^{(11)}m_{101}^{(00)}m_{021}^{(00)}\\
&+m_{010}^{(22)}m_{001}^{(11)}m_{101}^{(10)}m_{210}^{(20)} + m_{010}^{(22)}m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(10)} - 2m_{010}^{(22)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(00)}\\
&-m_{010}^{(22)}m_{001}^{(11)}m_{101}^{(21)}m_{300}^{(10)} + m_{010}^{(22)}m_{001}^{(11)}m_{101}^{(21)}m_{210}^{(00)} + m_{010}^{(22)}m_{001}^{(11)}m_{011}^{(00)}m_{210}^{(20)}\\
&-m_{010}^{(22)}m_{001}^{(11)}m_{011}^{(00)}m_{201}^{(10)} - m_{010}^{(22)}m_{001}^{(11)}m_{011}^{(10)}m_{300}^{(20)} + m_{010}^{(22)}m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(00)}\\
&+m_{010}^{(22)}m_{001}^{(11)}m_{011}^{(20)}m_{300}^{(10)} - m_{010}^{(22)}m_{001}^{(11)}m_{011}^{(20)}m_{210}^{(00)} - m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{111}^{(10)}\\
&+m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(00)} + m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(20)}m_{120}^{(11)} - m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(20)}m_{030}^{(10)}\\
&-m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(21)}m_{210}^{(11)} + 2m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(21)}m_{120}^{(10)} - m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(21)}m_{030}^{(00)}\\
&+2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{201}^{(10)} - 2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(00)} - m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(20)}m_{210}^{(11)}\\
&+m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(20)}m_{030}^{(00)} + m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(21)}m_{300}^{(11)} - 2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(10)}\\
&+m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(00)} - m_{010}^{(22)}m_{001}^{(20)}m_{101}^{(00)}m_{120}^{(11)} + m_{010}^{(22)}m_{001}^{(20)}m_{101}^{(00)}m_{030}^{(10)}\\
&+m_{010}^{(22)}m_{001}^{(20)}m_{101}^{(10)}m_{210}^{(11)} - m_{010}^{(22)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(00)} - m_{010}^{(22)}m_{001}^{(20)}m_{101}^{(11)}m_{210}^{(10)}\\
&+m_{010}^{(22)}m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(00)} + m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(10)} - m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{021}^{(00)}\\
&-2m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(10)} + 2m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(00)} + m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(10)}\\
&-m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(20)}m_{120}^{(00)} + m_{010}^{(22)}m_{001}^{(20)}m_{011}^{(00)}m_{210}^{(11)} - 2m_{010}^{(22)}m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(10)}\\
&+m_{010}^{(22)}m_{001}^{(20)}m_{011}^{(00)}m_{030}^{(00)} - m_{010}^{(22)}m_{001}^{(20)}m_{011}^{(10)}m_{300}^{(11)} + 2m_{010}^{(22)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(10)}\\
&-m_{010}^{(22)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(00)} + 2m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(10)} - 2m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(00)}\\
&-m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{201}^{(10)} + m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(00)} - m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(20)}m_{120}^{(10)}\\
&+m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(20)}m_{030}^{(00)} - 2m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(10)} + 2m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{021}^{(00)}\\
&+2m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(10)} - 2m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(00)} + m_{010}^{(22)}m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(10)}\\
&-m_{010}^{(22)}m_{001}^{(21)}m_{101}^{(00)}m_{030}^{(00)} - 2m_{010}^{(22)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(10)} + 2m_{010}^{(22)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(00)}\\
&+m_{010}^{(22)}m_{001}^{(21)}m_{101}^{(11)}m_{300}^{(10)} - m_{010}^{(22)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(00)} + m_{010}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(10)}
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&-m_{010}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(00)} - m_{010}^{(22)}m_{001}^{(21)}m_{020}^{(20)}m_{300}^{(10)} + m_{010}^{(22)}m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(00)}\\
&-m_{010}^{(22)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(10)} + m_{010}^{(22)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(00)} + m_{010}^{(22)}m_{001}^{(22)}m_{200}^{(11)}m_{210}^{(10)}\\
&-m_{010}^{(22)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(00)} + m_{010}^{(22)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(10)} - m_{010}^{(22)}m_{001}^{(22)}m_{110}^{(00)}m_{030}^{(00)}\\
&-m_{010}^{(22)}m_{001}^{(22)}m_{110}^{(11)}m_{300}^{(10)} + m_{010}^{(22)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(00)} - m_{010}^{(22)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(10)}\\
&+m_{010}^{(22)}m_{001}^{(22)}m_{020}^{(00)}m_{120}^{(00)} + m_{010}^{(22)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(10)} - m_{010}^{(22)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(00)}\\
&-(m_{001}^{(00)})^2m_{110}^{(11)}m_{012}^{(21)} + (m_{001}^{(00)})^2m_{110}^{(11)}m_{003}^{(11)} + (m_{001}^{(00)})^2m_{110}^{(21)}m_{021}^{(21)}\\
&-(m_{001}^{(00)})^2m_{110}^{(21)}m_{012}^{(11)} + (m_{001}^{(00)})^2m_{101}^{(11)}m_{021}^{(21)} - (m_{001}^{(00)})^2m_{101}^{(11)}m_{012}^{(11)}\\
&-(m_{001}^{(00)})^2m_{101}^{(21)}m_{030}^{(21)} + (m_{001}^{(00)})^2m_{101}^{(21)}m_{021}^{(11)} + (m_{001}^{(00)})^2m_{020}^{(10)}m_{012}^{(21)}\\
&-(m_{001}^{(00)})^2m_{020}^{(10)}m_{003}^{(11)} - (m_{001}^{(00)})^2m_{020}^{(20)}m_{021}^{(21)} + (m_{001}^{(00)})^2m_{020}^{(20)}m_{012}^{(11)}\\
&-(m_{001}^{(00)})^2m_{011}^{(10)}m_{021}^{(21)} + (m_{001}^{(00)})^2m_{011}^{(10)}m_{012}^{(11)} + (m_{001}^{(00)})^2m_{011}^{(20)}m_{030}^{(21)}\\
&-(m_{001}^{(00)})^2m_{011}^{(20)}m_{021}^{(11)} + m_{001}^{(00)}m_{001}^{(10)}m_{200}^{(11)}m_{012}^{(21)} - m_{001}^{(00)}m_{001}^{(10)}m_{200}^{(11)}m_{003}^{(11)}\\
&-m_{001}^{(00)}m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(21)} + m_{001}^{(00)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(11)} + m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(11)}m_{102}^{(21)}\\
&+m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(11)}m_{012}^{(20)} - 2m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(11)}m_{003}^{(10)} + m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(21)}\\
&-m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(11)} - 2m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(21)} + m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(11)}\\
&-m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{021}^{(20)} + 2m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(10)} - m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(21)}\\
&+m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(11)} - 2m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(21)} + m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(11)}m_{102}^{(11)}\\
&-m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(11)}m_{021}^{(20)} + 2m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(11)}m_{012}^{(10)} + 3m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(21)}\\
&-2m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(11)} + m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{030}^{(20)} - 2m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(10)}\\
&-m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(00)}m_{012}^{(21)} + m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(00)}m_{003}^{(11)} - m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(21)}\\
&-m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(10)}m_{012}^{(20)} + 2m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(10)}m_{003}^{(10)} + 2m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{111}^{(21)}\\
&-m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(11)} + m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{021}^{(20)} - 2m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{012}^{(10)}\\
&+m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(00)}m_{021}^{(21)} - m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(00)}m_{012}^{(11)} + 2m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(21)}\\
&-m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(11)} + m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{021}^{(20)} - 2m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{012}^{(10)}\\
&-3m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(21)} + 2m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(11)} - m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{030}^{(20)}\\
&+2m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{021}^{(10)} - m_{001}^{(00)}m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(21)} + m_{001}^{(00)}m_{001}^{(11)}m_{200}^{(10)}m_{003}^{(11)}\\
&+m_{001}^{(00)}m_{001}^{(11)}m_{200}^{(21)}m_{111}^{(21)} - m_{001}^{(00)}m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(11)} + m_{001}^{(00)}m_{001}^{(11)}m_{110}^{(00)}m_{012}^{(21)}\\
&-m_{001}^{(00)}m_{001}^{(11)}m_{110}^{(00)}m_{003}^{(11)} - m_{001}^{(00)}m_{001}^{(11)}m_{110}^{(11)}m_{102}^{(20)} + m_{001}^{(00)}m_{001}^{(11)}m_{110}^{(11)}m_{003}^{(00)}\\
&-m_{001}^{(00)}m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(21)} + m_{001}^{(00)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(11)} + m_{001}^{(00)}m_{001}^{(11)}m_{110}^{(21)}m_{111}^{(20)}\\
&-m_{001}^{(00)}m_{001}^{(11)}m_{110}^{(21)}m_{012}^{(00)} + m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(21)} - m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(11)}\\
&+m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(11)}m_{111}^{(20)} - m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(11)}m_{012}^{(00)} - m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{210}^{(21)}\\
&+m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(11)} - m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{120}^{(20)} + m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{021}^{(00)}\\
&+m_{001}^{(00)}m_{001}^{(11)}m_{020}^{(10)}m_{102}^{(20)} - m_{001}^{(00)}m_{001}^{(11)}m_{020}^{(10)}m_{003}^{(00)} - m_{001}^{(00)}m_{001}^{(11)}m_{020}^{(20)}m_{111}^{(20)}\\
&+m_{001}^{(00)}m_{001}^{(11)}m_{020}^{(20)}m_{012}^{(00)} - m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(00)}m_{111}^{(21)} + m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(00)}m_{102}^{(11)}\\
&-m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(10)}m_{111}^{(20)} + m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(10)}m_{012}^{(00)} + m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{210}^{(21)}\\
&-m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(11)} + m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{120}^{(20)} - m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{021}^{(00)}\\
&-m_{001}^{(00)}m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(21)} + m_{001}^{(00)}m_{001}^{(20)}m_{200}^{(11)}m_{012}^{(11)} + m_{001}^{(00)}m_{001}^{(20)}m_{200}^{(21)}m_{030}^{(21)}\\
&-m_{001}^{(00)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(11)} + 2m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(21)} - 3m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(11)}m_{102}^{(11)}\\
&+m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(11)}m_{012}^{(10)} - m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(20)}m_{030}^{(21)} + m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(11)}
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\begin{aligned}
&-m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(21)} + 2m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(11)} - m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(10)}\\
&+m_{001}^{(00)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(21)} - m_{001}^{(00)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(11)} - m_{001}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(21)}\\
&+2m_{001}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(11)} - m_{001}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{021}^{(10)} - m_{001}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(11)}\\
&+m_{001}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{030}^{(10)} + m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(00)}m_{021}^{(21)} - m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(00)}m_{012}^{(11)}\\
&-2m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(21)} + 3m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(11)} - m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{012}^{(10)}\\
&+m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{120}^{(21)} - 2m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(11)} + m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{021}^{(10)}\\
&-m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(00)}m_{030}^{(21)} + m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(00)}m_{021}^{(11)} + m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(21)}\\
&-2m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(11)} + m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{021}^{(10)} + m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(11)}\\
&-m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{030}^{(10)} + 2m_{001}^{(00)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(21)} - 2m_{001}^{(00)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(11)}\\
&-m_{001}^{(00)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(21)} + m_{001}^{(00)}m_{001}^{(21)}m_{200}^{(11)}m_{102}^{(11)} - m_{001}^{(00)}m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(21)}\\
&+m_{001}^{(00)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(11)} - 2m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(00)}m_{021}^{(21)} + 2m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(00)}m_{012}^{(11)}\\
&+m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(11)}m_{102}^{(10)} - m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(11)}m_{012}^{(00)} + m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(21)}\\
&-m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(11)} + m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(21)} - m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(11)}\\
&-m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(10)} + m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{021}^{(00)} - m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(21)}\\
&+m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(11)} + m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(21)} - m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(11)}\\
&-m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{111}^{(10)} + m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{021}^{(00)} + m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(10)}\\
&-m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{030}^{(00)} + m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(21)} - m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(00)}m_{102}^{(11)}\\
&-m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{102}^{(10)} + m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{012}^{(00)} - m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(21)}\\
&+m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(11)} + m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{111}^{(10)} - m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{021}^{(00)}\\
&+m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(00)}m_{120}^{(21)} - m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(11)} - m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(21)}\\
&+m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(11)} + m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(10)} - m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{021}^{(00)}\\
&-m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{120}^{(10)} + m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{030}^{(00)} - m_{001}^{(00)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(21)}\\
&+m_{001}^{(00)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(11)} + m_{001}^{(00)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(21)} - m_{001}^{(00)}m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(11)}\\
&+m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(00)}m_{030}^{(21)} - m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(00)}m_{021}^{(11)} - m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(11)}m_{120}^{(21)}\\
&+m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(11)}m_{201}^{(11)} - m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(00)}m_{120}^{(21)} + m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(11)}\\
&+m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(21)} - m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(11)} - (m_{001}^{(10)})^2m_{200}^{(11)}m_{102}^{(21)}\\
&-(m_{001}^{(10)})^2m_{200}^{(11)}m_{012}^{(20)} + 2(m_{001}^{(10)})^2m_{200}^{(11)}m_{003}^{(10)} + (m_{001}^{(10)})^2m_{200}^{(21)}m_{111}^{(21)}\\
&+(m_{001}^{(10)})^2m_{200}^{(21)}m_{021}^{(20)} - 2(m_{001}^{(10)})^2m_{200}^{(21)}m_{012}^{(10)} - (m_{001}^{(10)})^2m_{110}^{(20)}m_{111}^{(21)}\\
&-(m_{001}^{(10)})^2m_{110}^{(20)}m_{021}^{(20)} + 2(m_{001}^{(10)})^2m_{110}^{(20)}m_{012}^{(10)} + (m_{001}^{(10)})^2m_{110}^{(21)}m_{201}^{(21)}\\
&+(m_{001}^{(10)})^2m_{110}^{(21)}m_{111}^{(20)} - 2(m_{001}^{(10)})^2m_{110}^{(21)}m_{102}^{(10)} + (m_{001}^{(10)})^2m_{101}^{(10)}m_{111}^{(21)}\\
&+(m_{001}^{(10)})^2m_{101}^{(10)}m_{021}^{(20)} - 2(m_{001}^{(10)})^2m_{101}^{(10)}m_{012}^{(10)} + (m_{001}^{(10)})^2m_{101}^{(11)}m_{201}^{(21)}\\
&+(m_{001}^{(10)})^2m_{101}^{(11)}m_{111}^{(20)} - 2(m_{001}^{(10)})^2m_{101}^{(11)}m_{102}^{(10)} - 2(m_{001}^{(10)})^2m_{101}^{(21)}m_{210}^{(21)}\\
&-2(m_{001}^{(10)})^2m_{101}^{(21)}m_{120}^{(20)} + 4(m_{001}^{(10)})^2m_{101}^{(21)}m_{111}^{(10)} + (m_{001}^{(10)})^2m_{020}^{(00)}m_{102}^{(21)}\\
&+(m_{001}^{(10)})^2m_{020}^{(00)}m_{012}^{(20)} - 2(m_{001}^{(10)})^2m_{020}^{(00)}m_{003}^{(10)} - (m_{001}^{(10)})^2m_{020}^{(20)}m_{201}^{(21)}\\
&-(m_{001}^{(10)})^2m_{020}^{(20)}m_{111}^{(20)} + 2(m_{001}^{(10)})^2m_{020}^{(20)}m_{102}^{(10)} - (m_{001}^{(10)})^2m_{011}^{(00)}m_{111}^{(21)}\\
&-(m_{001}^{(10)})^2m_{011}^{(00)}m_{021}^{(20)} + 2(m_{001}^{(10)})^2m_{011}^{(00)}m_{012}^{(10)} - (m_{001}^{(10)})^2m_{011}^{(10)}m_{201}^{(21)}\\
&-(m_{001}^{(10)})^2m_{011}^{(10)}m_{111}^{(20)} + 2(m_{001}^{(10)})^2m_{011}^{(10)}m_{102}^{(10)} + 2(m_{001}^{(10)})^2m_{011}^{(20)}m_{210}^{(21)}\\
&+2(m_{001}^{(10)})^2m_{011}^{(20)}m_{120}^{(20)} - 4(m_{001}^{(10)})^2m_{011}^{(20)}m_{111}^{(10)} + m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(10)}m_{102}^{(21)}
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\begin{aligned}
&+m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(20)} - 2m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(10)}m_{003}^{(10)} + m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(11)}m_{102}^{(20)}\\
&-m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(11)}m_{003}^{(00)} - m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{201}^{(21)} - 2m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{111}^{(20)}\\
&+2m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(10)} + m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{012}^{(00)} - m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(00)}m_{102}^{(21)}\\
&-m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(00)}m_{012}^{(20)} + 2m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(00)}m_{003}^{(10)} + m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{201}^{(21)}\\
&+2m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(20)} - 2m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(10)} - m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{012}^{(00)}\\
&-m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(21)}m_{201}^{(20)} + m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(21)}m_{102}^{(00)} - m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(21)}\\
&-2m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(20)} + 2m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(10)} + m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{012}^{(00)}\\
&-m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(11)}m_{201}^{(20)} + m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(11)}m_{102}^{(00)} + m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{300}^{(21)}\\
&+3m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{210}^{(20)} - 2m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(10)} - 2m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(00)}\\
&-m_{001}^{(10)}m_{001}^{(11)}m_{020}^{(00)}m_{102}^{(20)} + m_{001}^{(10)}m_{001}^{(11)}m_{020}^{(00)}m_{003}^{(00)} + m_{001}^{(10)}m_{001}^{(11)}m_{020}^{(20)}m_{201}^{(20)}\\
&-m_{001}^{(10)}m_{001}^{(11)}m_{020}^{(20)}m_{102}^{(00)} + m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{201}^{(21)} + 2m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{111}^{(20)}\\
&-2m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{102}^{(10)} - m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{012}^{(00)} + m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(20)}\\
&-m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(10)}m_{102}^{(00)} - m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{300}^{(21)} - 3m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{210}^{(20)}\\
&+2m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(10)} + 2m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(00)} + m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{111}^{(21)}\\
&+m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{102}^{(11)} + m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(20)} - 3m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{012}^{(10)}\\
&-m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{120}^{(21)} - m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{111}^{(11)} - m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{030}^{(20)}\\
&+3m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(10)} - 2m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{201}^{(21)} - 2m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(20)}\\
&+4m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{102}^{(10)} + m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(21)} + m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(11)}\\
&+m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{030}^{(20)} - 3m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(10)} + m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(21)}\\
&-m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{201}^{(11)} + m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(20)} - m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(10)}\\
&-m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(21)} - m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(11)} - m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(20)}\\
&+3m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(10)} + m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{210}^{(21)} - m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{201}^{(11)}\\
&+m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(20)} - m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(10)} + 2m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{210}^{(11)}\\
&-2m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(10)} - m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(21)} - m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{102}^{(11)}\\
&-m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{021}^{(20)} + 3m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{012}^{(10)} + 2m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(21)}\\
&+2m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(20)} - 4m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(10)} - m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(21)}\\
&+m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{201}^{(11)} - m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{120}^{(20)} + m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(10)}\\
&+m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(21)} + m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{111}^{(11)} + m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{030}^{(20)}\\
&-3m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{021}^{(10)} - m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(21)} + m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(11)}\\
&-m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(20)} + m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(10)} - 2m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(11)}\\
&+2m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(10)} - 2m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(21)} - 2m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(20)}\\
&+4m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(10)} + m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{201}^{(21)} + m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(20)}\\
&-3m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{102}^{(10)} + m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{012}^{(00)} + m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{210}^{(21)}\\
&+m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(20)} - m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(10)} - m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(00)}\\
&+2m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(21)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{021}^{(20)} - 4m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{012}^{(10)}\\
&-m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(21)} - m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(20)} + m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(10)}\\
&+m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{021}^{(00)} - m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{300}^{(21)} - m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(20)}\\
&+3m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(10)} - m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(00)} + m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(21)}
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&+m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(20)} - m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(10)} - m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(00)}\\
&-m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{300}^{(21)} - m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(20)} + 3m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(10)}\\
&-m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{111}^{(00)} - 2m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(10)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(00)}\\
&-m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(21)} - m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(20)} + 3m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{102}^{(10)}\\
&-m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{012}^{(00)} + m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{300}^{(21)} + m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(20)}\\
&-3m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(10)} + m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{111}^{(00)} - m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(21)}\\
&-m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{120}^{(20)} + m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(10)} + m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{021}^{(00)}\\
&+m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(21)} + m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(20)} - 3m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(10)}\\
&+m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(00)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(10)} - 2m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{120}^{(00)}\\
&+m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(21)} + m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(20)} - 2m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(10)}\\
&-m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{210}^{(21)} - m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(20)} + 2m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(10)}\\
&-m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(21)} - m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{030}^{(20)} + 2m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{021}^{(10)}\\
&+m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{300}^{(21)} + m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(20)} - 2m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{201}^{(10)}\\
&+m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(21)} + m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{120}^{(20)} - 2m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(10)}\\
&-m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(21)} - m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(20)} + 2m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(10)}\\
&-(m_{001}^{(11)})^2m_{200}^{(10)}m_{102}^{(20)} + (m_{001}^{(11)})^2m_{200}^{(10)}m_{003}^{(00)} + (m_{001}^{(11)})^2m_{200}^{(21)}m_{201}^{(20)}\\
&-(m_{001}^{(11)})^2m_{200}^{(21)}m_{102}^{(00)} + (m_{001}^{(11)})^2m_{110}^{(00)}m_{102}^{(20)} - (m_{001}^{(11)})^2m_{110}^{(00)}m_{003}^{(00)}\\
&-(m_{001}^{(11)})^2m_{110}^{(20)}m_{201}^{(20)} + (m_{001}^{(11)})^2m_{110}^{(20)}m_{102}^{(00)} + (m_{001}^{(11)})^2m_{101}^{(10)}m_{201}^{(20)}\\
&-(m_{001}^{(11)})^2m_{101}^{(10)}m_{102}^{(00)} - (m_{001}^{(11)})^2m_{101}^{(21)}m_{300}^{(20)} + (m_{001}^{(11)})^2m_{101}^{(21)}m_{201}^{(00)}\\
&-(m_{001}^{(11)})^2m_{011}^{(00)}m_{201}^{(20)} + (m_{001}^{(11)})^2m_{011}^{(00)}m_{102}^{(00)} + (m_{001}^{(11)})^2m_{011}^{(20)}m_{300}^{(20)}\\
&-(m_{001}^{(11)})^2m_{011}^{(20)}m_{201}^{(00)} - m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{102}^{(11)} + m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{012}^{(10)}\\
&-m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(11)}m_{111}^{(20)} + m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(11)}m_{012}^{(00)} + m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{201}^{(11)}\\
&+m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{120}^{(20)} - m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{111}^{(10)} - m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(00)}\\
&+m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(00)}m_{102}^{(11)} - m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(00)}m_{012}^{(10)} + 2m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(11)}m_{201}^{(20)}\\
&-2m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(11)}m_{102}^{(00)} - m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{201}^{(11)} - m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(20)}\\
&+m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(10)} + m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(00)} - m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(20)}\\
&+m_{001}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(00)} + m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{201}^{(11)} + m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(20)}\\
&-m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(10)} - m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(00)} - m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{210}^{(20)}\\
&+m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(00)} - m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{300}^{(11)} + m_{001}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{210}^{(10)}\\
&+m_{001}^{(11)}m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(20)} - m_{001}^{(11)}m_{001}^{(20)}m_{020}^{(00)}m_{012}^{(00)} - 2m_{001}^{(11)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(20)}\\
&+2m_{001}^{(11)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(00)} + m_{001}^{(11)}m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(20)} - m_{001}^{(11)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(00)}\\
&-m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{201}^{(11)} - m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(20)} + m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{111}^{(10)}\\
&+m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{021}^{(00)} + m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(20)} - m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(00)}\\
&+m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{300}^{(11)} - m_{001}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(10)} + 2m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(20)}\\
&+m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{102}^{(10)} - 3m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(00)} - m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(11)}m_{201}^{(20)}\\
&+m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(11)}m_{102}^{(00)} - m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{210}^{(20)} - m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{201}^{(10)}\\
&+2m_{001}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(00)} - 2m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(20)} - m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{102}^{(10)}\\
&+3m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{012}^{(00)} + m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(20)} + m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(10)}
\end{aligned}
$$

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\begin{aligned}
&-2m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(00)} + m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(21)}m_{300}^{(20)} - m_{001}^{(11)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(00)}\\
&-m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(20)} - m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{201}^{(10)} + 2m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(00)}\\
&+m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(11)}m_{300}^{(20)} - m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(00)} + m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{300}^{(10)}\\
&-m_{001}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(00)} + m_{001}^{(11)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(20)} - m_{001}^{(11)}m_{001}^{(21)}m_{020}^{(00)}m_{102}^{(00)}\\
&-m_{001}^{(11)}m_{001}^{(21)}m_{020}^{(20)}m_{300}^{(20)} + m_{001}^{(11)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(00)} + m_{001}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(20)}\\
&+m_{001}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{201}^{(10)} - 2m_{001}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(00)} - m_{001}^{(11)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(20)}\\
&+m_{001}^{(11)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(00)} - m_{001}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(10)} + m_{001}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(00)}\\
&-m_{001}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(20)} + m_{001}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(00)} + m_{001}^{(11)}m_{001}^{(22)}m_{200}^{(11)}m_{210}^{(20)}\\
&-m_{001}^{(11)}m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(00)} + m_{001}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(20)} - m_{001}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{021}^{(00)}\\
&-m_{001}^{(11)}m_{001}^{(22)}m_{110}^{(11)}m_{300}^{(20)} + m_{001}^{(11)}m_{001}^{(22)}m_{110}^{(11)}m_{201}^{(00)} - m_{001}^{(11)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(20)}\\
&+m_{001}^{(11)}m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(00)} + m_{001}^{(11)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(20)} - m_{001}^{(11)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(00)}\\
&-(m_{001}^{(20)})^2m_{200}^{(11)}m_{111}^{(11)} + (m_{001}^{(20)})^2m_{200}^{(11)}m_{021}^{(10)} + (m_{001}^{(20)})^2m_{200}^{(21)}m_{120}^{(11)}\\
&-(m_{001}^{(20)})^2m_{200}^{(21)}m_{030}^{(10)} + 2(m_{001}^{(20)})^2m_{110}^{(11)}m_{201}^{(11)} - 2(m_{001}^{(20)})^2m_{110}^{(11)}m_{111}^{(10)}\\
&-(m_{001}^{(20)})^2m_{110}^{(20)}m_{120}^{(11)} + (m_{001}^{(20)})^2m_{110}^{(20)}m_{030}^{(10)} - (m_{001}^{(20)})^2m_{110}^{(21)}m_{210}^{(11)}\\
&+(m_{001}^{(20)})^2m_{110}^{(21)}m_{120}^{(10)} + (m_{001}^{(20)})^2m_{101}^{(10)}m_{120}^{(11)} - (m_{001}^{(20)})^2m_{101}^{(10)}m_{030}^{(10)}\\
&-(m_{001}^{(20)})^2m_{101}^{(11)}m_{210}^{(11)} + (m_{001}^{(20)})^2m_{101}^{(11)}m_{120}^{(10)} + (m_{001}^{(20)})^2m_{020}^{(00)}m_{111}^{(11)}\\
&-(m_{001}^{(20)})^2m_{020}^{(00)}m_{021}^{(10)} - 2(m_{001}^{(20)})^2m_{020}^{(10)}m_{201}^{(11)} + 2(m_{001}^{(20)})^2m_{020}^{(10)}m_{111}^{(10)}\\
&+(m_{001}^{(20)})^2m_{020}^{(20)}m_{210}^{(11)} - (m_{001}^{(20)})^2m_{020}^{(20)}m_{120}^{(10)} - (m_{001}^{(20)})^2m_{011}^{(00)}m_{120}^{(11)}\\
&+(m_{001}^{(20)})^2m_{011}^{(00)}m_{030}^{(10)} + (m_{001}^{(20)})^2m_{011}^{(10)}m_{210}^{(11)} - (m_{001}^{(20)})^2m_{011}^{(10)}m_{120}^{(10)}\\
&+2m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(11)} - 2m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(10)} - m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{201}^{(11)}\\
&+2m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(10)} - m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{021}^{(00)} - m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{210}^{(11)}\\
&+m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{030}^{(00)} - 2m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(11)} + 2m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{021}^{(10)}\\
&-2m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(10)} + 2m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{111}^{(00)} + m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(11)}\\
&-m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{030}^{(00)} + m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{300}^{(11)} - m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{120}^{(00)}\\
&-m_{001}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(11)} + m_{001}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{030}^{(00)} + m_{001}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{300}^{(11)}\\
&-m_{001}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{120}^{(00)} + m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(11)} - 2m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(10)}\\
&+m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{021}^{(00)} + 2m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(10)} - 2m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{111}^{(00)}\\
&-m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{300}^{(11)} + m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{120}^{(00)} + m_{001}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(11)}\\
&-m_{001}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{030}^{(00)} - m_{001}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(11)} + m_{001}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{120}^{(00)}\\
&-m_{001}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(11)} + m_{001}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(10)} + m_{001}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{210}^{(11)}\\
&-m_{001}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(10)} + m_{001}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(11)} - m_{001}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{030}^{(10)}\\
&-m_{001}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{300}^{(11)} + m_{001}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(10)} - m_{001}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(11)}\\
&+m_{001}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{120}^{(10)} + m_{001}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(11)} - m_{001}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(10)}\\
&-2(m_{001}^{(21)})^2m_{200}^{(10)}m_{111}^{(10)} + 2(m_{001}^{(21)})^2m_{200}^{(10)}m_{021}^{(00)} + (m_{001}^{(21)})^2m_{200}^{(11)}m_{201}^{(10)}\\
&-(m_{001}^{(21)})^2m_{200}^{(11)}m_{111}^{(00)} + (m_{001}^{(21)})^2m_{200}^{(21)}m_{210}^{(10)} - (m_{001}^{(21)})^2m_{200}^{(21)}m_{120}^{(00)}\\
&+2(m_{001}^{(21)})^2m_{110}^{(00)}m_{111}^{(10)} - 2(m_{001}^{(21)})^2m_{110}^{(00)}m_{021}^{(00)} - (m_{001}^{(21)})^2m_{110}^{(20)}m_{210}^{(10)}\\
&+(m_{001}^{(21)})^2m_{110}^{(20)}m_{120}^{(00)} - (m_{001}^{(21)})^2m_{110}^{(21)}m_{300}^{(10)} + (m_{001}^{(21)})^2m_{110}^{(21)}m_{210}^{(00)}\\
&+(m_{001}^{(21)})^2m_{101}^{(10)}m_{210}^{(10)} - (m_{001}^{(21)})^2m_{101}^{(10)}m_{120}^{(00)} - (m_{001}^{(21)})^2m_{101}^{(11)}m_{300}^{(10)}
\end{aligned}
$$

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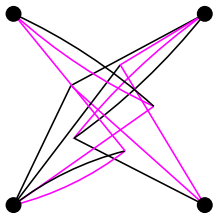
\begin{aligned}
&+(m_{001}^{(21)})^2 m_{101}^{(11)} m_{210}^{(00)} - (m_{001}^{(21)})^2 m_{020}^{(00)} m_{201}^{(10)} + (m_{001}^{(21)})^2 m_{020}^{(00)} m_{111}^{(00)} \\
&+(m_{001}^{(21)})^2 m_{020}^{(20)} m_{300}^{(10)} - (m_{001}^{(21)})^2 m_{020}^{(20)} m_{210}^{(00)} - (m_{001}^{(21)})^2 m_{011}^{(00)} m_{210}^{(10)} \\
&+(m_{001}^{(21)})^2 m_{011}^{(00)} m_{120}^{(00)} + (m_{001}^{(21)})^2 m_{011}^{(10)} m_{300}^{(10)} - (m_{001}^{(21)})^2 m_{011}^{(10)} m_{210}^{(00)} \\
&+m_{001}^{(21)} m_{001}^{(22)} m_{200}^{(10)} m_{120}^{(10)} - m_{001}^{(21)} m_{001}^{(22)} m_{200}^{(10)} m_{030}^{(00)} - m_{001}^{(21)} m_{001}^{(22)} m_{200}^{(11)} m_{210}^{(10)} \\
&+m_{001}^{(21)} m_{001}^{(22)} m_{200}^{(11)} m_{120}^{(00)} - m_{001}^{(21)} m_{001}^{(22)} m_{110}^{(00)} m_{120}^{(10)} + m_{001}^{(21)} m_{001}^{(22)} m_{110}^{(00)} m_{030}^{(00)} \\
&+m_{001}^{(21)} m_{001}^{(22)} m_{110}^{(11)} m_{300}^{(10)} - m_{001}^{(21)} m_{001}^{(22)} m_{110}^{(11)} m_{210}^{(00)} + m_{001}^{(21)} m_{001}^{(22)} m_{020}^{(00)} m_{210}^{(10)} \\
&-m_{001}^{(21)} m_{001}^{(22)} m_{020}^{(00)} m_{120}^{(00)} - m_{001}^{(21)} m_{001}^{(22)} m_{020}^{(10)} m_{300}^{(10)} + m_{001}^{(21)} m_{001}^{(22)} m_{020}^{(10)} m_{210}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{rrrrr}
V1 & V1 & 1 & 1 & V3 \\
1 & V2 & V3 & 3 & 3 \\
V2 & 2 & V4 & V4 & 4
\end{array}
$$



$$
\begin{aligned}
T_{103} \;=\;& -m_{100}^{(00)} m_{100}^{(10)} m_{020}^{(22)} m_{021}^{(22)} + 2m_{100}^{(00)} m_{100}^{(10)} m_{020}^{(22)} m_{012}^{(21)} - m_{100}^{(00)} m_{100}^{(10)} m_{020}^{(22)} m_{003}^{(11)} \\
&+2m_{100}^{(00)} m_{100}^{(10)} m_{011}^{(21)} m_{021}^{(22)} - 4m_{100}^{(00)} m_{100}^{(10)} m_{011}^{(21)} m_{012}^{(21)} + 2m_{100}^{(00)} m_{100}^{(10)} m_{011}^{(21)} m_{003}^{(11)} \\
&-m_{100}^{(00)} m_{100}^{(10)} m_{002}^{(11)} m_{021}^{(22)} + 2m_{100}^{(00)} m_{100}^{(10)} m_{002}^{(11)} m_{012}^{(21)} - m_{100}^{(00)} m_{100}^{(10)} m_{002}^{(11)} m_{003}^{(11)} \\
&+m_{100}^{(00)} m_{100}^{(11)} m_{020}^{(22)} m_{111}^{(22)} - m_{100}^{(00)} m_{100}^{(11)} m_{020}^{(22)} m_{102}^{(21)} - m_{100}^{(00)} m_{100}^{(11)} m_{020}^{(22)} m_{012}^{(20)} \\
&+m_{100}^{(00)} m_{100}^{(11)} m_{020}^{(22)} m_{003}^{(10)} - 2m_{100}^{(00)} m_{100}^{(11)} m_{011}^{(21)} m_{111}^{(22)} + 2m_{100}^{(00)} m_{100}^{(11)} m_{011}^{(21)} m_{102}^{(21)} \\
&+2m_{100}^{(00)} m_{100}^{(11)} m_{011}^{(21)} m_{012}^{(20)} - 2m_{100}^{(00)} m_{100}^{(11)} m_{011}^{(21)} m_{003}^{(10)} + m_{100}^{(00)} m_{100}^{(11)} m_{002}^{(11)} m_{111}^{(22)} \\
&-m_{100}^{(00)} m_{100}^{(11)} m_{002}^{(11)} m_{102}^{(21)} - m_{100}^{(00)} m_{100}^{(11)} m_{002}^{(11)} m_{012}^{(20)} + m_{100}^{(00)} m_{100}^{(11)} m_{002}^{(11)} m_{003}^{(10)} \\
&+m_{100}^{(00)} m_{100}^{(20)} m_{020}^{(22)} m_{030}^{(22)} - 2m_{100}^{(00)} m_{100}^{(20)} m_{020}^{(22)} m_{021}^{(21)} + m_{100}^{(00)} m_{100}^{(20)} m_{020}^{(22)} m_{012}^{(11)} \\
&-2m_{100}^{(00)} m_{100}^{(20)} m_{011}^{(21)} m_{030}^{(22)} + 4m_{100}^{(00)} m_{100}^{(20)} m_{011}^{(21)} m_{021}^{(21)} - 2m_{100}^{(00)} m_{100}^{(20)} m_{011}^{(21)} m_{012}^{(11)} \\
&+m_{100}^{(00)} m_{100}^{(20)} m_{002}^{(11)} m_{030}^{(22)} - 2m_{100}^{(00)} m_{100}^{(20)} m_{002}^{(11)} m_{021}^{(21)} + m_{100}^{(00)} m_{100}^{(20)} m_{002}^{(11)} m_{012}^{(11)} \\
&-m_{100}^{(00)} m_{100}^{(21)} m_{020}^{(22)} m_{120}^{(22)} + m_{100}^{(00)} m_{100}^{(21)} m_{020}^{(22)} m_{102}^{(11)} + 2m_{100}^{(00)} m_{100}^{(21)} m_{020}^{(22)} m_{021}^{(20)} \\
&-2m_{100}^{(00)} m_{100}^{(21)} m_{020}^{(22)} m_{012}^{(10)} + 2m_{100}^{(00)} m_{100}^{(21)} m_{011}^{(21)} m_{120}^{(22)} - 2m_{100}^{(00)} m_{100}^{(21)} m_{011}^{(21)} m_{102}^{(11)} \\
&-4m_{100}^{(00)} m_{100}^{(21)} m_{011}^{(21)} m_{021}^{(20)} + 4m_{100}^{(00)} m_{100}^{(21)} m_{011}^{(21)} m_{012}^{(10)} - m_{100}^{(00)} m_{100}^{(21)} m_{002}^{(11)} m_{120}^{(22)} \\
&+m_{100}^{(00)} m_{100}^{(21)} m_{002}^{(11)} m_{102}^{(11)} + 2m_{100}^{(00)} m_{100}^{(21)} m_{002}^{(11)} m_{021}^{(20)} - 2m_{100}^{(00)} m_{100}^{(21)} m_{002}^{(11)} m_{012}^{(10)} \\
&+m_{100}^{(00)} m_{100}^{(22)} m_{020}^{(22)} m_{120}^{(21)} - m_{100}^{(00)} m_{100}^{(22)} m_{020}^{(22)} m_{111}^{(11)} - m_{100}^{(00)} m_{100}^{(22)} m_{020}^{(22)} m_{030}^{(20)} \\
&+m_{100}^{(00)} m_{100}^{(22)} m_{020}^{(22)} m_{021}^{(10)} - 2m_{100}^{(00)} m_{100}^{(22)} m_{011}^{(21)} m_{120}^{(21)} + 2m_{100}^{(00)} m_{100}^{(22)} m_{011}^{(21)} m_{111}^{(11)}
\end{aligned}
$$

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\begin{aligned}
&+2m_{100}^{(00)}m_{100}^{(22)}m_{011}^{(21)}m_{030}^{(20)} - 2m_{100}^{(00)}m_{100}^{(22)}m_{011}^{(21)}m_{021}^{(10)} + m_{100}^{(00)}m_{100}^{(22)}m_{002}^{(11)}m_{120}^{(21)}\\
&-m_{100}^{(00)}m_{100}^{(22)}m_{002}^{(11)}m_{111}^{(11)} - m_{100}^{(00)}m_{100}^{(22)}m_{002}^{(11)}m_{030}^{(20)} + m_{100}^{(00)}m_{100}^{(22)}m_{002}^{(11)}m_{021}^{(10)}\\
&+m_{100}^{(00)}m_{010}^{(00)}m_{020}^{(22)}m_{021}^{(22)} - 2m_{100}^{(00)}m_{010}^{(00)}m_{020}^{(22)}m_{012}^{(21)} + m_{100}^{(00)}m_{010}^{(00)}m_{020}^{(22)}m_{003}^{(11)}\\
&-2m_{100}^{(00)}m_{010}^{(00)}m_{011}^{(21)}m_{021}^{(22)} + 4m_{100}^{(00)}m_{010}^{(00)}m_{011}^{(21)}m_{012}^{(21)} - 2m_{100}^{(00)}m_{010}^{(00)}m_{011}^{(21)}m_{003}^{(11)}\\
&+m_{100}^{(00)}m_{010}^{(00)}m_{002}^{(11)}m_{021}^{(22)} - 2m_{100}^{(00)}m_{010}^{(00)}m_{002}^{(11)}m_{012}^{(21)} + m_{100}^{(00)}m_{010}^{(00)}m_{002}^{(11)}m_{003}^{(11)}\\
&-m_{100}^{(00)}m_{010}^{(10)}m_{020}^{(22)}m_{111}^{(22)} + m_{100}^{(00)}m_{010}^{(10)}m_{020}^{(22)}m_{102}^{(21)} + m_{100}^{(00)}m_{010}^{(10)}m_{020}^{(22)}m_{012}^{(20)}\\
&-m_{100}^{(00)}m_{010}^{(10)}m_{020}^{(22)}m_{003}^{(10)} + 2m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{111}^{(22)} - 2m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{102}^{(21)}\\
&-2m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{012}^{(20)} + 2m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{003}^{(10)} - m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(11)}m_{111}^{(22)}\\
&+m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(11)}m_{102}^{(21)} + m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(11)}m_{012}^{(20)} - m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(11)}m_{003}^{(10)}\\
&-m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(22)}m_{120}^{(22)} + 3m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(22)}m_{111}^{(21)} - 2m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(22)}m_{102}^{(11)}\\
&-m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(22)}m_{021}^{(20)} + m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(22)}m_{012}^{(10)} + 2m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{120}^{(22)}\\
&-6m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(21)} + 4m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{102}^{(11)} + 2m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{021}^{(20)}\\
&-2m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{012}^{(10)} - m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(11)}m_{120}^{(22)} + 3m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(11)}m_{111}^{(21)}\\
&-2m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(11)}m_{102}^{(11)} - m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(11)}m_{021}^{(20)} + m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(11)}m_{012}^{(10)}\\
&+m_{100}^{(00)}m_{010}^{(21)}m_{020}^{(22)}m_{210}^{(22)} - m_{100}^{(00)}m_{010}^{(21)}m_{020}^{(22)}m_{201}^{(21)} - m_{100}^{(00)}m_{010}^{(21)}m_{020}^{(22)}m_{111}^{(20)}\\
&+m_{100}^{(00)}m_{010}^{(21)}m_{020}^{(22)}m_{102}^{(10)} - 2m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{210}^{(22)} + 2m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(21)}\\
&+2m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{111}^{(20)} - 2m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{102}^{(10)} + m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(11)}m_{210}^{(22)}\\
&-m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(11)}m_{201}^{(21)} - m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(11)}m_{111}^{(20)} + m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(11)}m_{102}^{(10)}\\
&-m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(22)}m_{201}^{(21)} + m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(22)}m_{111}^{(21)} + m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(22)}m_{120}^{(20)}\\
&-m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(22)}m_{111}^{(10)} + 2m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{210}^{(21)} - 2m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{201}^{(11)}\\
&-2m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{120}^{(20)} + 2m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{111}^{(10)} - m_{100}^{(00)}m_{010}^{(22)}m_{002}^{(11)}m_{210}^{(21)}\\
&+m_{100}^{(00)}m_{010}^{(22)}m_{002}^{(11)}m_{201}^{(11)} + m_{100}^{(00)}m_{010}^{(22)}m_{002}^{(11)}m_{120}^{(20)} - m_{100}^{(00)}m_{010}^{(22)}m_{002}^{(11)}m_{111}^{(10)}\\
&-m_{100}^{(00)}m_{001}^{(00)}m_{020}^{(22)}m_{030}^{(22)} + 2m_{100}^{(00)}m_{001}^{(00)}m_{020}^{(22)}m_{021}^{(21)} - m_{100}^{(00)}m_{001}^{(00)}m_{020}^{(22)}m_{012}^{(11)}\\
&+2m_{100}^{(00)}m_{001}^{(00)}m_{011}^{(21)}m_{030}^{(22)} - 4m_{100}^{(00)}m_{001}^{(00)}m_{011}^{(21)}m_{021}^{(21)} + 2m_{100}^{(00)}m_{001}^{(00)}m_{011}^{(21)}m_{012}^{(11)}\\
&-m_{100}^{(00)}m_{001}^{(00)}m_{002}^{(11)}m_{030}^{(22)} + 2m_{100}^{(00)}m_{001}^{(00)}m_{002}^{(11)}m_{021}^{(21)} - m_{100}^{(00)}m_{001}^{(00)}m_{002}^{(11)}m_{012}^{(11)}\\
&+2m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{120}^{(22)} - 3m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{111}^{(21)} + m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{102}^{(11)}\\
&-m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{021}^{(20)} + m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{012}^{(10)} - 4m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{120}^{(22)}\\
&+6m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(21)} - 2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{102}^{(11)} + 2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{021}^{(20)}\\
&-2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{012}^{(10)} + 2m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{120}^{(22)} - 3m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{111}^{(21)}\\
&+m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{102}^{(11)} - m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{021}^{(20)} + m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{012}^{(10)}\\
&-m_{100}^{(00)}m_{001}^{(11)}m_{020}^{(22)}m_{210}^{(22)} + m_{100}^{(00)}m_{001}^{(11)}m_{020}^{(22)}m_{201}^{(21)} + m_{100}^{(00)}m_{001}^{(11)}m_{020}^{(22)}m_{111}^{(20)}\\
&-m_{100}^{(00)}m_{001}^{(11)}m_{020}^{(22)}m_{102}^{(10)} + 2m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{210}^{(22)} - 2m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{201}^{(21)}\\
&-2m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{111}^{(20)} + 2m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{102}^{(10)} - m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(11)}m_{210}^{(22)}\\
&+m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(11)}m_{201}^{(21)} + m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(11)}m_{111}^{(20)} - m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(11)}m_{102}^{(10)}\\
&-m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(22)}m_{120}^{(21)} + m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(22)}m_{111}^{(11)} + m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(22)}m_{030}^{(20)}\\
&-m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(22)}m_{021}^{(10)} + 2m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(21)} - 2m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{111}^{(11)}\\
&-2m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{030}^{(20)} + 2m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{021}^{(10)} - m_{100}^{(00)}m_{001}^{(20)}m_{002}^{(11)}m_{120}^{(21)}\\
&+m_{100}^{(00)}m_{001}^{(20)}m_{002}^{(11)}m_{111}^{(11)} + m_{100}^{(00)}m_{001}^{(20)}m_{002}^{(11)}m_{030}^{(20)} - m_{100}^{(00)}m_{001}^{(20)}m_{002}^{(11)}m_{021}^{(10)}
\end{aligned}
$$

$$+m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{210}^{(21)} - m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{201}^{(11)} - m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{120}^{(20)}$$
$$+m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{111}^{(10)} - 2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(21)} + 2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{201}^{(11)}$$
$$+2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{120}^{(20)} - 2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{111}^{(10)} + m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(11)}m_{210}^{(21)}$$
$$-m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(11)}m_{201}^{(11)} - m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(11)}m_{120}^{(20)} + m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(11)}m_{111}^{(10)}$$
$$+2(m_{100}^{(10)})^2m_{110}^{(22)}m_{021}^{(22)} - 4(m_{100}^{(10)})^2m_{110}^{(22)}m_{012}^{(21)} + 2(m_{100}^{(10)})^2m_{110}^{(22)}m_{003}^{(11)}$$
$$-2(m_{100}^{(10)})^2m_{101}^{(21)}m_{021}^{(22)} + 4(m_{100}^{(10)})^2m_{101}^{(21)}m_{012}^{(21)} - 2(m_{100}^{(10)})^2m_{101}^{(21)}m_{003}^{(11)}$$
$$-2(m_{100}^{(10)})^2m_{011}^{(20)}m_{021}^{(22)} + 4(m_{100}^{(10)})^2m_{011}^{(20)}m_{012}^{(21)} - 2(m_{100}^{(10)})^2m_{011}^{(20)}m_{003}^{(11)}$$
$$+2(m_{100}^{(10)})^2m_{002}^{(10)}m_{021}^{(22)} - 4(m_{100}^{(10)})^2m_{002}^{(10)}m_{012}^{(21)} + 2(m_{100}^{(10)})^2m_{002}^{(10)}m_{003}^{(11)}$$
$$-m_{100}^{(10)}m_{100}^{(11)}m_{200}^{(22)}m_{021}^{(22)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{200}^{(22)}m_{012}^{(21)} - m_{100}^{(10)}m_{100}^{(11)}m_{200}^{(22)}m_{003}^{(11)}$$
$$-2m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(22)}m_{111}^{(22)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(22)}m_{102}^{(21)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(22)}m_{012}^{(20)}$$
$$-2m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(22)}m_{003}^{(10)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(20)}m_{021}^{(22)} - 4m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(20)}m_{012}^{(21)}$$
$$+2m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(20)}m_{003}^{(11)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(21)}m_{111}^{(22)} - 2m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(21)}m_{102}^{(21)}$$
$$-2m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(21)}m_{012}^{(20)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(21)}m_{003}^{(10)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(20)}m_{111}^{(22)}$$
$$-2m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(20)}m_{102}^{(21)} - 2m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(20)}m_{012}^{(20)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(20)}m_{003}^{(10)}$$
$$-m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(00)}m_{021}^{(22)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(00)}m_{012}^{(21)} - m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(00)}m_{003}^{(11)}$$
$$-2m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(10)}m_{111}^{(22)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(10)}m_{102}^{(21)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(10)}m_{012}^{(20)}$$
$$-2m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(10)}m_{003}^{(10)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{021}^{(22)} + 4m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{012}^{(21)}$$
$$-2m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{003}^{(11)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(22)}m_{030}^{(22)} + 4m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(22)}m_{021}^{(21)}$$
$$-2m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(22)}m_{012}^{(11)} + 2m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(11)}m_{021}^{(22)} - 4m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(11)}m_{012}^{(21)}$$
$$+2m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(11)}m_{003}^{(11)} + 2m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{030}^{(22)} - 4m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{021}^{(21)}$$
$$+2m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{012}^{(11)} + 2m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(21)}m_{021}^{(22)} - 4m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(20)}m_{012}^{(21)}$$
$$+2m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(20)}m_{003}^{(11)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(10)}m_{021}^{(22)} + 4m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(10)}m_{012}^{(21)}$$
$$-2m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(10)}m_{003}^{(11)} + 2m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(20)}m_{030}^{(22)} - 4m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(20)}m_{021}^{(21)}$$
$$+2m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(20)}m_{012}^{(11)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(10)}m_{030}^{(22)} + 4m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(10)}m_{021}^{(21)}$$
$$-2m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(10)}m_{012}^{(11)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{200}^{(21)}m_{021}^{(22)} - 4m_{100}^{(10)}m_{100}^{(21)}m_{200}^{(21)}m_{012}^{(21)}$$
$$+2m_{100}^{(10)}m_{100}^{(21)}m_{200}^{(21)}m_{003}^{(11)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(20)}m_{021}^{(22)} + 4m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(20)}m_{012}^{(21)}$$
$$-2m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(20)}m_{003}^{(11)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(22)}m_{120}^{(22)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(22)}m_{102}^{(11)}$$
$$-4m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(22)}m_{021}^{(20)} + 4m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(22)}m_{012}^{(10)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(10)}m_{021}^{(22)}$$
$$+4m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(10)}m_{012}^{(21)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(10)}m_{003}^{(11)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{120}^{(22)}$$
$$+2m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{102}^{(11)} + 4m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{021}^{(20)} - 4m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{012}^{(10)}$$
$$+2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(00)}m_{021}^{(22)} - 4m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(00)}m_{012}^{(21)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(00)}m_{003}^{(11)}$$
$$-2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{120}^{(22)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{102}^{(11)} + 4m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{021}^{(20)}$$
$$-4m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{012}^{(10)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{120}^{(22)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{102}^{(11)}$$
$$-4m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{021}^{(20)} + 4m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{012}^{(10)} - m_{100}^{(10)}m_{100}^{(22)}m_{200}^{(11)}m_{021}^{(22)}$$
$$+2m_{100}^{(10)}m_{100}^{(22)}m_{200}^{(11)}m_{012}^{(21)} - m_{100}^{(10)}m_{100}^{(22)}m_{200}^{(11)}m_{003}^{(11)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(10)}m_{021}^{(22)}$$
$$-4m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(10)}m_{012}^{(21)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(10)}m_{003}^{(11)} - 2m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(22)}m_{120}^{(21)}$$
$$+2m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(22)}m_{111}^{(11)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(22)}m_{030}^{(20)} - 2m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(22)}m_{021}^{(10)}$$
$$+2m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(21)}m_{120}^{(21)} - 2m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(21)}m_{111}^{(11)} - 2m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(21)}m_{030}^{(20)}$$

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\begin{aligned}
&+2m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(21)}m_{021}^{(10)} - m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(00)}m_{021}^{(22)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(00)}m_{012}^{(21)}\\
&-m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(00)}m_{003}^{(11)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(20)}m_{120}^{(21)} - 2m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(20)}m_{111}^{(11)}\\
&-2m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(20)}m_{030}^{(20)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(20)}m_{021}^{(10)} - 2m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(10)}m_{120}^{(21)}\\
&+2m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(10)}m_{111}^{(11)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(10)}m_{030}^{(20)} - 2m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(10)}m_{021}^{(10)}\\
&-2m_{100}^{(10)}m_{010}^{(00)}m_{110}^{(22)}m_{021}^{(22)} + 4m_{100}^{(10)}m_{010}^{(00)}m_{110}^{(22)}m_{012}^{(21)} - 2m_{100}^{(10)}m_{010}^{(00)}m_{110}^{(22)}m_{003}^{(11)}\\
&+2m_{100}^{(10)}m_{010}^{(00)}m_{101}^{(21)}m_{021}^{(22)} - 4m_{100}^{(10)}m_{010}^{(00)}m_{101}^{(21)}m_{012}^{(21)} + 2m_{100}^{(10)}m_{010}^{(00)}m_{101}^{(21)}m_{003}^{(11)}\\
&+m_{100}^{(10)}m_{010}^{(00)}m_{020}^{(22)}m_{111}^{(22)} - m_{100}^{(10)}m_{010}^{(00)}m_{020}^{(22)}m_{102}^{(21)} - m_{100}^{(10)}m_{010}^{(00)}m_{020}^{(22)}m_{012}^{(20)}\\
&+m_{100}^{(10)}m_{010}^{(00)}m_{020}^{(22)}m_{003}^{(10)} + 2m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(20)}m_{021}^{(22)} - 4m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(20)}m_{012}^{(21)}\\
&+2m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(20)}m_{003}^{(11)} - 2m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{111}^{(22)} + 2m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{102}^{(21)}\\
&+2m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{012}^{(20)} - 2m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{003}^{(10)} - 2m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(10)}m_{021}^{(22)}\\
&+4m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(10)}m_{012}^{(21)} - 2m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(10)}m_{003}^{(11)} + m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(11)}m_{111}^{(22)}\\
&-m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(11)}m_{102}^{(21)} - m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(11)}m_{012}^{(20)} + m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(11)}m_{003}^{(10)}\\
&+m_{100}^{(10)}m_{010}^{(11)}m_{200}^{(22)}m_{111}^{(22)} - m_{100}^{(10)}m_{010}^{(11)}m_{200}^{(22)}m_{102}^{(21)} - m_{100}^{(10)}m_{010}^{(11)}m_{200}^{(22)}m_{012}^{(20)}\\
&+m_{100}^{(10)}m_{010}^{(11)}m_{200}^{(22)}m_{003}^{(10)} - 2m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{111}^{(22)} + 2m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{102}^{(21)}\\
&+2m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{012}^{(20)} - 2m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{003}^{(10)} + m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(00)}m_{111}^{(22)}\\
&-m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(00)}m_{102}^{(21)} - m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(00)}m_{012}^{(20)} + m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(00)}m_{003}^{(10)}\\
&+2m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{111}^{(22)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{102}^{(21)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{012}^{(20)}\\
&+2m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{003}^{(10)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{120}^{(22)} - 6m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{111}^{(21)}\\
&+4m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{102}^{(11)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{021}^{(20)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{012}^{(10)}\\
&-2m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(11)}m_{111}^{(22)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(11)}m_{102}^{(21)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(11)}m_{012}^{(20)}\\
&-2m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(11)}m_{003}^{(10)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{120}^{(22)} + 6m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(21)}\\
&-4m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{102}^{(11)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{021}^{(20)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{012}^{(10)}\\
&-2m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(20)}m_{111}^{(22)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(20)}m_{102}^{(21)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(20)}m_{012}^{(20)}\\
&-2m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(20)}m_{003}^{(10)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(22)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{102}^{(21)}\\
&-2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{012}^{(20)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{003}^{(10)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{120}^{(22)}\\
&+6m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(21)} - 4m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{102}^{(11)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{021}^{(20)}\\
&+2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{012}^{(10)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{120}^{(22)} - 6m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{111}^{(21)}\\
&+4m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{102}^{(11)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{021}^{(20)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{012}^{(10)}\\
&-2m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(22)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{102}^{(21)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{012}^{(20)}\\
&-2m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{003}^{(10)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(22)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(21)}\\
&-2m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{012}^{(20)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{003}^{(10)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{210}^{(22)}\\
&+2m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{201}^{(21)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{111}^{(20)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{102}^{(10)}\\
&+2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(22)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{102}^{(21)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{012}^{(20)}\\
&+2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{003}^{(10)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{210}^{(22)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{201}^{(21)}\\
&-2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(20)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{102}^{(10)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(00)}m_{111}^{(22)}\\
&+2m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(00)}m_{102}^{(21)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(00)}m_{012}^{(20)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(00)}m_{003}^{(10)}\\
&+2m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(22)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(21)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{111}^{(20)}\\
&+2m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{102}^{(10)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{210}^{(22)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{201}^{(21)}
\end{aligned}
$$

$$+2m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{111}^{(20)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{102}^{(10)} + m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(11)}m_{111}^{(22)}$$
$$-m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(11)}m_{102}^{(21)} - m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(11)}m_{012}^{(20)} + m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(11)}m_{003}^{(10)}$$
$$-2m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(22)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{102}^{(21)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{012}^{(20)}$$
$$-2m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{003}^{(10)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(22)}m_{210}^{(21)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(22)}m_{201}^{(11)}$$
$$-2m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(22)}m_{120}^{(20)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(22)}m_{111}^{(10)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(21)}$$
$$+2m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{201}^{(11)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{120}^{(20)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{111}^{(10)}$$
$$+m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(00)}m_{111}^{(22)} - m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(00)}m_{102}^{(21)} - m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(00)}m_{012}^{(20)}$$
$$+m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(00)}m_{003}^{(10)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(21)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{201}^{(11)}$$
$$+2m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{120}^{(20)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{111}^{(10)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(10)}m_{210}^{(21)}$$
$$-2m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(10)}m_{201}^{(11)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(10)}m_{120}^{(20)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(10)}m_{111}^{(10)}$$
$$+2m_{100}^{(10)}m_{001}^{(00)}m_{110}^{(22)}m_{030}^{(22)} - 4m_{100}^{(10)}m_{001}^{(00)}m_{110}^{(22)}m_{021}^{(21)} + 2m_{100}^{(10)}m_{001}^{(00)}m_{110}^{(22)}m_{012}^{(11)}$$
$$-2m_{100}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{030}^{(22)} + 4m_{100}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(21)} - 2m_{100}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{012}^{(11)}$$
$$-m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(22)}m_{111}^{(21)} + m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(22)}m_{102}^{(11)} + m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(22)}m_{021}^{(20)}$$
$$-m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(22)}m_{012}^{(10)} - 2m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{030}^{(22)} + 4m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(21)}$$
$$-2m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{012}^{(11)} + 2m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(21)} - 2m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{102}^{(11)}$$
$$-2m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{021}^{(20)} + 2m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{012}^{(10)} + 2m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{030}^{(22)}$$
$$-4m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{021}^{(21)} + 2m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{012}^{(11)} - m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(11)}m_{111}^{(21)}$$
$$+m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(11)}m_{102}^{(11)} + m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(11)}m_{021}^{(20)} - m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(11)}m_{012}^{(10)}$$
$$-4m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{120}^{(22)} + 8m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(21)} - 4m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{102}^{(11)}$$
$$+4m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(22)} - 8m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(21)} + 4m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{102}^{(11)}$$
$$+4m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(22)} - 8m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(21)} + 4m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{102}^{(11)}$$
$$-4m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{120}^{(22)} + 8m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(21)} - 4m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{102}^{(11)}$$
$$-m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{111}^{(21)} + m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{102}^{(11)} + m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{021}^{(20)}$$
$$-m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{012}^{(10)} + 2m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{210}^{(22)} - 2m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{201}^{(21)}$$
$$-2m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{111}^{(20)} + 2m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{102}^{(10)} + 2m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(21)}$$
$$-2m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{102}^{(11)} - 2m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{021}^{(20)} + 2m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{012}^{(10)}$$
$$-2m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{210}^{(22)} + 2m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(21)} + 2m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(20)}$$
$$-2m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{102}^{(10)} - 2m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{210}^{(22)} + 2m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(21)}$$
$$+2m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(20)} - 2m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{102}^{(10)} - m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(00)}m_{111}^{(21)}$$
$$+m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(00)}m_{102}^{(11)} + m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(00)}m_{021}^{(20)} - m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(00)}m_{012}^{(10)}$$
$$+2m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{210}^{(22)} - 2m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{201}^{(21)} - 2m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{111}^{(20)}$$
$$+2m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{102}^{(10)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(21)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{102}^{(11)}$$
$$+2m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(20)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{012}^{(10)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{120}^{(21)}$$
$$-2m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{111}^{(11)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{030}^{(20)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{021}^{(10)}$$
$$+2m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(21)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{102}^{(11)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{021}^{(20)}$$
$$+2m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{012}^{(10)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(21)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{111}^{(11)}$$
$$+2m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{030}^{(20)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{021}^{(10)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(21)}$$
$$-2m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{102}^{(11)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{021}^{(20)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{012}^{(10)}$$

$$
\begin{aligned}
&-2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(21)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{102}^{(11)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{021}^{(20)}\\
&-2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{012}^{(10)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(21)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{111}^{(11)}\\
&+2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{030}^{(20)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{021}^{(10)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{120}^{(21)}\\
&-2m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{111}^{(11)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{030}^{(20)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{021}^{(10)}\\
&+2m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(21)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{102}^{(11)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(20)}\\
&+2m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{012}^{(10)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(21)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{102}^{(11)}\\
&+2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{021}^{(20)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{012}^{(10)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(21)}\\
&+2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{201}^{(11)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{120}^{(20)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{111}^{(10)}\\
&-2m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(21)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{102}^{(11)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(20)}\\
&-2m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{012}^{(10)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(21)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{201}^{(11)}\\
&-2m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(20)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{111}^{(10)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(21)}\\
&-2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{102}^{(11)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{021}^{(20)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{012}^{(10)}\\
&+2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(21)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{201}^{(11)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{120}^{(20)}\\
&+2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{111}^{(10)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{210}^{(21)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{201}^{(11)}\\
&+2m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{120}^{(20)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{111}^{(10)} - m_{100}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(21)}\\
&+m_{100}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{102}^{(11)} + m_{100}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{021}^{(20)} - m_{100}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{012}^{(10)}\\
&+2m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(21)} - 2m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{102}^{(11)} - 2m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{021}^{(20)}\\
&+2m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{012}^{(10)} - m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(21)} + m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{102}^{(11)}\\
&+m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{021}^{(20)} - m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{012}^{(10)} + (m_{100}^{(11)})^2m_{200}^{(22)}m_{111}^{(22)}\\
&-(m_{100}^{(11)})^2m_{200}^{(22)}m_{102}^{(21)} - (m_{100}^{(11)})^2m_{200}^{(22)}m_{012}^{(20)} + (m_{100}^{(11)})^2m_{200}^{(22)}m_{003}^{(10)}\\
&-2(m_{100}^{(11)})^2m_{101}^{(20)}m_{111}^{(22)} + 2(m_{100}^{(11)})^2m_{101}^{(20)}m_{102}^{(21)} + 2(m_{100}^{(11)})^2m_{101}^{(20)}m_{012}^{(20)}\\
&-2(m_{100}^{(11)})^2m_{101}^{(20)}m_{003}^{(10)} + (m_{100}^{(11)})^2m_{002}^{(00)}m_{111}^{(22)} - (m_{100}^{(11)})^2m_{002}^{(00)}m_{102}^{(21)}\\
&-(m_{100}^{(11)})^2m_{002}^{(00)}m_{012}^{(20)} + (m_{100}^{(11)})^2m_{002}^{(00)}m_{003}^{(10)} + m_{100}^{(11)}m_{100}^{(20)}m_{200}^{(22)}m_{030}^{(22)}\\
&-2m_{100}^{(11)}m_{100}^{(20)}m_{200}^{(22)}m_{021}^{(21)} + m_{100}^{(11)}m_{100}^{(20)}m_{200}^{(22)}m_{012}^{(11)} + 2m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(21)}m_{111}^{(22)}\\
&-2m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(21)}m_{102}^{(21)} - 2m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(21)}m_{012}^{(20)} + 2m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(21)}m_{003}^{(10)}\\
&-2m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(11)}m_{111}^{(22)} + 2m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(11)}m_{102}^{(21)} + 2m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(11)}m_{012}^{(20)}\\
&-2m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(11)}m_{003}^{(10)} - 2m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(20)}m_{030}^{(22)} + 4m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(20)}m_{021}^{(21)}\\
&-2m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(20)}m_{012}^{(11)} - 2m_{100}^{(11)}m_{100}^{(20)}m_{020}^{(20)}m_{111}^{(22)} + 2m_{100}^{(11)}m_{100}^{(20)}m_{020}^{(20)}m_{102}^{(21)}\\
&+2m_{100}^{(11)}m_{100}^{(20)}m_{020}^{(20)}m_{012}^{(20)} - 2m_{100}^{(11)}m_{100}^{(20)}m_{020}^{(20)}m_{003}^{(10)} + 2m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(10)}m_{111}^{(22)}\\
&-2m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(10)}m_{102}^{(21)} - 2m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(10)}m_{012}^{(20)} + 2m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(10)}m_{003}^{(10)}\\
&+m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(00)}m_{030}^{(22)} - 2m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(00)}m_{021}^{(21)} + m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(00)}m_{012}^{(11)}\\
&-2m_{100}^{(11)}m_{100}^{(21)}m_{200}^{(21)}m_{111}^{(22)} + 2m_{100}^{(11)}m_{100}^{(21)}m_{200}^{(21)}m_{102}^{(21)} + 2m_{100}^{(11)}m_{100}^{(21)}m_{200}^{(21)}m_{012}^{(20)}\\
&-2m_{100}^{(11)}m_{100}^{(21)}m_{200}^{(21)}m_{003}^{(10)} - m_{100}^{(11)}m_{100}^{(21)}m_{200}^{(22)}m_{120}^{(22)} + m_{100}^{(11)}m_{100}^{(21)}m_{200}^{(22)}m_{102}^{(11)}\\
&+2m_{100}^{(11)}m_{100}^{(21)}m_{200}^{(22)}m_{021}^{(20)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{200}^{(22)}m_{012}^{(10)} + 2m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(20)}m_{111}^{(22)}\\
&-2m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(20)}m_{102}^{(21)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(20)}m_{012}^{(20)} + 2m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(20)}m_{003}^{(10)}\\
&+2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(10)}m_{111}^{(22)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(10)}m_{102}^{(21)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(10)}m_{012}^{(20)}\\
&+2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(10)}m_{003}^{(10)} + 2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{120}^{(22)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{102}^{(11)}\\
&-4m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{021}^{(20)} + 4m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{012}^{(10)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(00)}m_{111}^{(22)}
\end{aligned}
$$

$$+2m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(00)}m_{102}^{(21)}+2m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(00)}m_{012}^{(20)}-2m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(00)}m_{003}^{(10)}$$
$$-m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(00)}m_{120}^{(22)}+m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(00)}m_{102}^{(11)}+2m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(00)}m_{021}^{(20)}$$
$$-2m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(00)}m_{012}^{(10)}+m_{100}^{(11)}m_{100}^{(22)}m_{200}^{(11)}m_{111}^{(22)}-m_{100}^{(11)}m_{100}^{(22)}m_{200}^{(11)}m_{102}^{(21)}$$
$$-m_{100}^{(11)}m_{100}^{(22)}m_{200}^{(11)}m_{012}^{(20)}+m_{100}^{(11)}m_{100}^{(22)}m_{200}^{(11)}m_{003}^{(10)}+m_{100}^{(11)}m_{100}^{(22)}m_{200}^{(22)}m_{120}^{(21)}$$
$$-m_{100}^{(11)}m_{100}^{(22)}m_{200}^{(22)}m_{111}^{(11)}-m_{100}^{(11)}m_{100}^{(22)}m_{200}^{(22)}m_{030}^{(20)}+m_{100}^{(11)}m_{100}^{(22)}m_{200}^{(22)}m_{021}^{(10)}$$
$$-2m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(10)}m_{111}^{(22)}+2m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(10)}m_{102}^{(21)}+2m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(10)}m_{012}^{(20)}$$
$$-2m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(10)}m_{003}^{(10)}-2m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(20)}m_{120}^{(21)}+2m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(20)}m_{111}^{(11)}$$
$$+2m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(20)}m_{030}^{(20)}-2m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(20)}m_{021}^{(10)}+m_{100}^{(11)}m_{100}^{(22)}m_{020}^{(00)}m_{111}^{(22)}$$
$$-m_{100}^{(11)}m_{100}^{(22)}m_{020}^{(00)}m_{102}^{(21)}-m_{100}^{(11)}m_{100}^{(22)}m_{020}^{(00)}m_{012}^{(20)}+m_{100}^{(11)}m_{100}^{(22)}m_{020}^{(00)}m_{003}^{(10)}$$
$$+m_{100}^{(11)}m_{100}^{(22)}m_{002}^{(00)}m_{120}^{(21)}-m_{100}^{(11)}m_{100}^{(22)}m_{002}^{(00)}m_{111}^{(11)}-m_{100}^{(11)}m_{100}^{(22)}m_{002}^{(00)}m_{030}^{(20)}$$
$$+m_{100}^{(11)}m_{100}^{(22)}m_{002}^{(00)}m_{021}^{(10)}+m_{100}^{(11)}m_{010}^{(00)}m_{200}^{(22)}m_{021}^{(22)}-2m_{100}^{(11)}m_{010}^{(00)}m_{200}^{(22)}m_{012}^{(21)}$$
$$+m_{100}^{(11)}m_{010}^{(00)}m_{200}^{(22)}m_{003}^{(11)}-2m_{100}^{(11)}m_{010}^{(00)}m_{101}^{(20)}m_{021}^{(22)}+4m_{100}^{(11)}m_{010}^{(00)}m_{101}^{(20)}m_{012}^{(21)}$$
$$-2m_{100}^{(11)}m_{010}^{(00)}m_{101}^{(20)}m_{003}^{(11)}-m_{100}^{(11)}m_{010}^{(00)}m_{020}^{(22)}m_{201}^{(22)}+2m_{100}^{(11)}m_{010}^{(00)}m_{020}^{(22)}m_{102}^{(20)}$$
$$-m_{100}^{(11)}m_{010}^{(00)}m_{020}^{(22)}m_{003}^{(00)}+2m_{100}^{(11)}m_{010}^{(00)}m_{011}^{(21)}m_{201}^{(22)}-4m_{100}^{(11)}m_{010}^{(00)}m_{011}^{(21)}m_{102}^{(20)}$$
$$+2m_{100}^{(11)}m_{010}^{(00)}m_{011}^{(21)}m_{003}^{(00)}+m_{100}^{(11)}m_{010}^{(00)}m_{002}^{(00)}m_{021}^{(22)}-2m_{100}^{(11)}m_{010}^{(00)}m_{002}^{(00)}m_{012}^{(21)}$$
$$+m_{100}^{(11)}m_{010}^{(00)}m_{002}^{(00)}m_{003}^{(11)}-m_{100}^{(11)}m_{010}^{(00)}m_{002}^{(11)}m_{201}^{(22)}+2m_{100}^{(11)}m_{010}^{(00)}m_{002}^{(11)}m_{102}^{(20)}$$
$$-m_{100}^{(11)}m_{010}^{(00)}m_{002}^{(11)}m_{003}^{(00)}-m_{100}^{(11)}m_{010}^{(10)}m_{200}^{(22)}m_{111}^{(22)}+m_{100}^{(11)}m_{010}^{(10)}m_{200}^{(22)}m_{102}^{(21)}$$
$$+m_{100}^{(11)}m_{010}^{(10)}m_{200}^{(22)}m_{012}^{(20)}-m_{100}^{(11)}m_{010}^{(10)}m_{200}^{(22)}m_{003}^{(10)}+2m_{100}^{(11)}m_{010}^{(10)}m_{110}^{(22)}m_{201}^{(22)}$$
$$-4m_{100}^{(11)}m_{010}^{(10)}m_{110}^{(22)}m_{102}^{(20)}+2m_{100}^{(11)}m_{010}^{(10)}m_{110}^{(22)}m_{003}^{(00)}+2m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(20)}m_{111}^{(22)}$$
$$-2m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(20)}m_{102}^{(21)}-2m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(20)}m_{012}^{(20)}+2m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(20)}m_{003}^{(10)}$$
$$-2m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(21)}m_{201}^{(22)}+4m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(21)}m_{102}^{(20)}-2m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(21)}m_{003}^{(00)}$$
$$-2m_{100}^{(11)}m_{010}^{(10)}m_{011}^{(20)}m_{201}^{(22)}+4m_{100}^{(11)}m_{010}^{(10)}m_{011}^{(20)}m_{102}^{(20)}-2m_{100}^{(11)}m_{010}^{(10)}m_{011}^{(20)}m_{003}^{(00)}$$
$$-m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(00)}m_{111}^{(22)}+m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(00)}m_{102}^{(21)}+m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(00)}m_{012}^{(20)}$$
$$-m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(00)}m_{003}^{(10)}+2m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(10)}m_{201}^{(22)}-4m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(10)}m_{102}^{(20)}$$
$$+2m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(10)}m_{003}^{(00)}-m_{100}^{(11)}m_{010}^{(11)}m_{200}^{(22)}m_{201}^{(22)}+2m_{100}^{(11)}m_{010}^{(11)}m_{200}^{(22)}m_{102}^{(20)}$$
$$-m_{100}^{(11)}m_{010}^{(11)}m_{200}^{(22)}m_{003}^{(00)}+2m_{100}^{(11)}m_{010}^{(11)}m_{101}^{(20)}m_{201}^{(22)}-4m_{100}^{(11)}m_{010}^{(11)}m_{101}^{(20)}m_{102}^{(20)}$$
$$+2m_{100}^{(11)}m_{010}^{(11)}m_{101}^{(20)}m_{003}^{(00)}-m_{100}^{(11)}m_{010}^{(11)}m_{002}^{(00)}m_{201}^{(22)}+2m_{100}^{(11)}m_{010}^{(11)}m_{002}^{(00)}m_{102}^{(20)}$$
$$-m_{100}^{(11)}m_{010}^{(11)}m_{002}^{(00)}m_{003}^{(00)}-m_{100}^{(11)}m_{010}^{(20)}m_{200}^{(22)}m_{120}^{(22)}+3m_{100}^{(11)}m_{010}^{(20)}m_{200}^{(22)}m_{111}^{(21)}$$
$$-2m_{100}^{(11)}m_{010}^{(20)}m_{200}^{(22)}m_{102}^{(11)}-m_{100}^{(11)}m_{010}^{(20)}m_{200}^{(22)}m_{021}^{(20)}+m_{100}^{(11)}m_{010}^{(20)}m_{200}^{(22)}m_{012}^{(10)}$$
$$-2m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(21)}m_{201}^{(22)}+4m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(21)}m_{102}^{(20)}-2m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(21)}m_{003}^{(00)}$$
$$+2m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(11)}m_{201}^{(22)}-4m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(11)}m_{102}^{(20)}+2m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(11)}m_{003}^{(00)}$$
$$+2m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{120}^{(22)}-6m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{111}^{(21)}+4m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{102}^{(11)}$$
$$+2m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{021}^{(20)}-2m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{012}^{(10)}+2m_{100}^{(11)}m_{010}^{(20)}m_{020}^{(20)}m_{201}^{(22)}$$
$$-4m_{100}^{(11)}m_{010}^{(20)}m_{020}^{(20)}m_{102}^{(20)}+2m_{100}^{(11)}m_{010}^{(20)}m_{020}^{(20)}m_{003}^{(00)}-2m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(10)}m_{201}^{(22)}$$
$$+4m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(10)}m_{102}^{(20)}-2m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(10)}m_{003}^{(00)}-m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(00)}m_{120}^{(22)}$$
$$+3m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(00)}m_{111}^{(21)}-2m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(00)}m_{102}^{(11)}-m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(00)}m_{021}^{(20)}$$
$$+m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(00)}m_{012}^{(10)}+2m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(21)}m_{201}^{(22)}-4m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(21)}m_{102}^{(20)}$$
$$+2m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(21)}m_{003}^{(00)}+m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{210}^{(22)}-m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{201}^{(21)}$$

$$
\begin{aligned}
&-m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{111}^{(20)}+m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{102}^{(10)}-2m_{100}^{(11)}m_{010}^{(21)}m_{110}^{(20)}m_{201}^{(22)}\\
&+4m_{100}^{(11)}m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(20)}-2m_{100}^{(11)}m_{010}^{(21)}m_{110}^{(20)}m_{003}^{(00)}-2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(10)}m_{201}^{(22)}\\
&+4m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(10)}m_{102}^{(20)}-2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(10)}m_{003}^{(00)}-2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{210}^{(22)}\\
&+2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{201}^{(21)}+2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(20)}-2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{102}^{(10)}\\
&+2m_{100}^{(11)}m_{010}^{(21)}m_{011}^{(00)}m_{201}^{(22)}-4m_{100}^{(11)}m_{010}^{(21)}m_{011}^{(00)}m_{102}^{(20)}+2m_{100}^{(11)}m_{010}^{(21)}m_{011}^{(00)}m_{003}^{(00)}\\
&+m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(00)}m_{210}^{(22)}-m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(00)}m_{201}^{(21)}-m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(00)}m_{111}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(00)}m_{102}^{(10)}-m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(11)}m_{201}^{(22)}+2m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(11)}m_{102}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(11)}m_{003}^{(00)}-m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(22)}m_{210}^{(21)}+m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(22)}m_{201}^{(11)}\\
&+m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(22)}m_{120}^{(20)}-m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(22)}m_{111}^{(10)}+2m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(22)}m_{201}^{(20)}\\
&-4m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(10)}m_{102}^{(20)}+2m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(10)}m_{003}^{(00)}+2m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(20)}m_{210}^{(21)}\\
&-2m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(20)}m_{201}^{(11)}-2m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(20)}+2m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(20)}m_{111}^{(10)}\\
&-m_{100}^{(11)}m_{010}^{(22)}m_{020}^{(00)}m_{201}^{(22)}+2m_{100}^{(11)}m_{010}^{(22)}m_{020}^{(00)}m_{102}^{(20)}-m_{100}^{(11)}m_{010}^{(22)}m_{020}^{(00)}m_{003}^{(00)}\\
&-m_{100}^{(11)}m_{010}^{(22)}m_{002}^{(00)}m_{210}^{(21)}+m_{100}^{(11)}m_{010}^{(22)}m_{002}^{(00)}m_{201}^{(11)}+m_{100}^{(11)}m_{010}^{(22)}m_{002}^{(00)}m_{120}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(22)}m_{002}^{(00)}m_{111}^{(10)}-m_{100}^{(11)}m_{001}^{(00)}m_{200}^{(22)}m_{030}^{(22)}+2m_{100}^{(11)}m_{001}^{(00)}m_{200}^{(22)}m_{021}^{(21)}\\
&-m_{100}^{(11)}m_{001}^{(00)}m_{200}^{(22)}m_{012}^{(11)}+2m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{030}^{(22)}-4m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{021}^{(21)}\\
&+2m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{012}^{(11)}+m_{100}^{(11)}m_{001}^{(00)}m_{020}^{(22)}m_{201}^{(21)}-m_{100}^{(11)}m_{001}^{(00)}m_{020}^{(22)}m_{111}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(00)}m_{020}^{(22)}m_{102}^{(10)}+m_{100}^{(11)}m_{001}^{(00)}m_{020}^{(22)}m_{012}^{(00)}-2m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(21)}m_{201}^{(21)}\\
&+2m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(20)}+2m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(21)}m_{102}^{(10)}-2m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(21)}m_{012}^{(00)}\\
&-m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(00)}m_{030}^{(22)}+2m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(00)}m_{021}^{(21)}-m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(00)}m_{012}^{(11)}\\
&+m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(11)}m_{201}^{(21)}-m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(11)}m_{111}^{(20)}-m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(11)}m_{102}^{(10)}\\
&+m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(11)}m_{012}^{(00)}+2m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{120}^{(22)}-3m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{111}^{(21)}\\
&+m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{102}^{(11)}-m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{021}^{(20)}+m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{012}^{(10)}\\
&-2m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(22)}m_{201}^{(21)}+2m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(20)}+2m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(22)}m_{102}^{(10)}\\
&-2m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(22)}m_{012}^{(00)}-4m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{120}^{(22)}+6m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(21)}\\
&-2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{102}^{(11)}+2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(20)}-2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{012}^{(10)}\\
&+2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{201}^{(21)}-2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(20)}-2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{102}^{(10)}\\
&+2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{012}^{(00)}+2m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(21)}-2m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(20)}\\
&-2m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{102}^{(10)}+2m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{012}^{(00)}+2m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(00)}m_{120}^{(22)}\\
&-3m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(00)}m_{111}^{(21)}+m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(00)}m_{102}^{(11)}-m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(00)}m_{021}^{(20)}\\
&+m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(00)}m_{012}^{(10)}-2m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{201}^{(21)}+2m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(20)}\\
&+2m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{102}^{(10)}-2m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{012}^{(00)}-m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(22)}m_{210}^{(22)}\\
&+2m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(22)}m_{201}^{(21)}-2m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(22)}m_{102}^{(20)}+m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(22)}m_{012}^{(00)}\\
&+2m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(20)}m_{210}^{(22)}-4m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(20)}m_{201}^{(21)}+4m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(20)}m_{102}^{(10)}\\
&-2m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(20)}m_{012}^{(00)}-m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(00)}m_{210}^{(22)}+2m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(00)}m_{201}^{(21)}\\
&-2m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(00)}m_{102}^{(10)}+m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(00)}m_{012}^{(00)}-m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(22)}m_{120}^{(21)}\\
&+m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(22)}m_{111}^{(11)}+m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(22)}m_{030}^{(20)}-m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(22)}m_{021}^{(10)}\\
&+2m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{201}^{(21)}-2m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(20)}-2m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{102}^{(10)}\\
&+2m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{012}^{(00)}-2m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{201}^{(21)}+2m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(20)}
\end{aligned}
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\begin{aligned}
&+2m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{102}^{(10)} - 2m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{012}^{(00)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(21)}\\
&-2m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{111}^{(11)} - 2m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(20)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{021}^{(10)}\\
&-2m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(20)}m_{201}^{(21)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(20)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(20)}m_{102}^{(10)}\\
&-2m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(20)}m_{012}^{(00)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(21)} - 2m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(20)}\\
&-2m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{102}^{(10)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{012}^{(00)} - m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(00)}m_{120}^{(21)}\\
&+m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(00)}m_{111}^{(11)} + m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(00)}m_{030}^{(20)} - m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(00)}m_{021}^{(10)}\\
&-2m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{201}^{(21)} + 2m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(20)} + 2m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{102}^{(10)}\\
&-2m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{012}^{(00)} + m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(22)}m_{210}^{(21)} - m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(22)}m_{201}^{(11)}\\
&-m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(22)}m_{120}^{(20)} + m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(22)}m_{111}^{(10)} + 2m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(21)}\\
&-2m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(20)} - 2m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{102}^{(10)} + 2m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{012}^{(00)}\\
&+2m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{201}^{(21)} - 2m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(20)} - 2m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{102}^{(10)}\\
&+2m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{012}^{(00)} - 2m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(21)} + 2m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{201}^{(11)}\\
&+2m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(20)} - 2m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{111}^{(10)} - 2m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{201}^{(21)}\\
&+2m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(20)} + 2m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{102}^{(10)} - 2m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{012}^{(00)}\\
&+m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(00)}m_{210}^{(21)} - m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(00)}m_{201}^{(11)} - m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(00)}m_{120}^{(20)}\\
&+m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(00)}m_{111}^{(10)} + m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(11)}m_{201}^{(21)} - m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(11)}m_{102}^{(10)} + m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(11)}m_{012}^{(00)} - 2m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{201}^{(21)}\\
&+2m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(20)} + 2m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{102}^{(10)} - 2m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{012}^{(00)}\\
&+m_{100}^{(11)}m_{001}^{(22)}m_{020}^{(00)}m_{201}^{(21)} - m_{100}^{(11)}m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(20)} - m_{100}^{(11)}m_{001}^{(22)}m_{020}^{(00)}m_{102}^{(10)}\\
&+m_{100}^{(11)}m_{001}^{(22)}m_{020}^{(00)}m_{012}^{(00)} + 2(m_{100}^{(20)})^2m_{110}^{(21)}m_{030}^{(22)} - 4(m_{100}^{(20)})^2m_{110}^{(21)}m_{021}^{(21)}\\
&+2(m_{100}^{(20)})^2m_{110}^{(21)}m_{012}^{(11)} - 2(m_{100}^{(20)})^2m_{101}^{(11)}m_{030}^{(22)} + 4(m_{100}^{(20)})^2m_{101}^{(11)}m_{021}^{(21)}\\
&-2(m_{100}^{(20)})^2m_{101}^{(11)}m_{012}^{(11)} - 2(m_{100}^{(20)})^2m_{020}^{(20)}m_{030}^{(22)} + 4(m_{100}^{(20)})^2m_{020}^{(20)}m_{021}^{(21)}\\
&-2(m_{100}^{(20)})^2m_{020}^{(20)}m_{012}^{(11)} + 2(m_{100}^{(20)})^2m_{011}^{(10)}m_{030}^{(22)} - 4(m_{100}^{(20)})^2m_{011}^{(10)}m_{021}^{(21)}\\
&+2(m_{100}^{(20)})^2m_{011}^{(10)}m_{012}^{(11)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{200}^{(21)}m_{030}^{(22)} + 4m_{100}^{(20)}m_{100}^{(21)}m_{200}^{(21)}m_{021}^{(21)}\\
&-2m_{100}^{(20)}m_{100}^{(21)}m_{200}^{(21)}m_{012}^{(11)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(20)}m_{030}^{(22)} - 4m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(20)}m_{021}^{(21)}\\
&+2m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(20)}m_{012}^{(11)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{120}^{(22)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{102}^{(11)}\\
&+4m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{021}^{(20)} - 4m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{012}^{(10)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(10)}m_{030}^{(22)}\\
&-4m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(10)}m_{021}^{(21)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(10)}m_{012}^{(11)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{120}^{(22)}\\
&-2m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{102}^{(11)} - 4m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{021}^{(20)} + 4m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{012}^{(10)}\\
&+2m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{120}^{(22)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{102}^{(11)} - 4m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{021}^{(20)}\\
&+4m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{012}^{(10)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(00)}m_{030}^{(22)} + 4m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(00)}m_{021}^{(21)}\\
&-2m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(00)}m_{012}^{(11)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{120}^{(22)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{102}^{(11)}\\
&+4m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{021}^{(20)} - 4m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{012}^{(10)} + m_{100}^{(20)}m_{100}^{(22)}m_{200}^{(11)}m_{030}^{(22)}\\
&-2m_{100}^{(20)}m_{100}^{(22)}m_{200}^{(11)}m_{021}^{(21)} + m_{100}^{(20)}m_{100}^{(22)}m_{200}^{(11)}m_{012}^{(11)} - 2m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(10)}m_{030}^{(22)}\\
&+4m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(10)}m_{021}^{(21)} - 2m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(10)}m_{012}^{(11)} + 2m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(21)}m_{120}^{(21)}\\
&-2m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(21)}m_{111}^{(11)} - 2m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(21)}m_{030}^{(20)} + 2m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(21)}m_{021}^{(10)}\\
&-2m_{100}^{(20)}m_{100}^{(22)}m_{101}^{(11)}m_{120}^{(21)} + 2m_{100}^{(20)}m_{100}^{(22)}m_{101}^{(11)}m_{111}^{(20)} + 2m_{100}^{(20)}m_{100}^{(22)}m_{101}^{(11)}m_{030}^{(20)}\\
&-2m_{100}^{(20)}m_{100}^{(22)}m_{101}^{(11)}m_{021}^{(10)} + m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(00)}m_{030}^{(22)} - 2m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(00)}m_{021}^{(21)}
\end{aligned}
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$$+m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(00)}m_{012}^{(11)}-2m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(20)}m_{120}^{(21)}+2m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(20)}m_{111}^{(11)}$$
$$+2m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(20)}m_{030}^{(20)}-2m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(20)}m_{021}^{(10)}+2m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(10)}m_{120}^{(21)}$$
$$-2m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(10)}m_{111}^{(11)}-2m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(10)}m_{030}^{(20)}+2m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(10)}m_{021}^{(10)}$$
$$+2m_{100}^{(20)}m_{010}^{(00)}m_{110}^{(21)}m_{021}^{(22)}-4m_{100}^{(20)}m_{010}^{(00)}m_{110}^{(21)}m_{012}^{(21)}+2m_{100}^{(20)}m_{010}^{(00)}m_{110}^{(21)}m_{003}^{(11)}$$
$$-2m_{100}^{(20)}m_{010}^{(00)}m_{101}^{(11)}m_{021}^{(22)}+4m_{100}^{(20)}m_{010}^{(00)}m_{101}^{(11)}m_{012}^{(21)}-2m_{100}^{(20)}m_{010}^{(00)}m_{101}^{(11)}m_{003}^{(11)}$$
$$-2m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(20)}m_{021}^{(22)}+4m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(20)}m_{012}^{(21)}-2m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(20)}m_{003}^{(11)}$$
$$-m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(22)}m_{120}^{(22)}+m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(22)}m_{111}^{(21)}+m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(22)}m_{021}^{(20)}$$
$$-m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(22)}m_{012}^{(10)}+2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(10)}m_{021}^{(22)}-4m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(10)}m_{012}^{(21)}$$
$$+2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(10)}m_{003}^{(11)}+2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{120}^{(22)}-2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{111}^{(21)}$$
$$-2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{021}^{(20)}+2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{012}^{(10)}-m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(11)}m_{120}^{(22)}$$
$$+m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(11)}m_{111}^{(21)}+m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(11)}m_{021}^{(20)}-m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(11)}m_{012}^{(10)}$$
$$-2m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{111}^{(22)}+2m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{102}^{(21)}+2m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{012}^{(20)}$$
$$-2m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{003}^{(10)}+2m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{120}^{(22)}-2m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{111}^{(21)}$$
$$-2m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{021}^{(20)}+2m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{012}^{(10)}+2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(11)}m_{111}^{(22)}$$
$$-2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(11)}m_{102}^{(21)}-2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(11)}m_{012}^{(20)}+2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(11)}m_{003}^{(10)}$$
$$-2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{120}^{(22)}+2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(21)}+2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{021}^{(20)}$$
$$-2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{012}^{(10)}+2m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(22)}m_{111}^{(22)}-2m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(20)}m_{102}^{(21)}$$
$$-2m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(20)}m_{012}^{(20)}+2m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(20)}m_{003}^{(10)}-2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{111}^{(22)}$$
$$+2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{102}^{(21)}+2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{012}^{(20)}-2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{003}^{(10)}$$
$$-2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{120}^{(22)}+2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{111}^{(21)}+2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{021}^{(20)}$$
$$-2m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(20)}m_{011}^{(10)}+2m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{120}^{(22)}-2m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{111}^{(21)}$$
$$-2m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{021}^{(20)}+2m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{012}^{(10)}-m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(22)}m_{120}^{(22)}$$
$$+m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(22)}m_{111}^{(21)}+m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(22)}m_{021}^{(20)}-m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(22)}m_{012}^{(10)}$$
$$+2m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(20)}m_{120}^{(22)}-2m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(20)}m_{111}^{(21)}-2m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(20)}m_{021}^{(20)}$$
$$+2m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(20)}m_{012}^{(10)}-m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(00)}m_{120}^{(22)}+m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(00)}m_{111}^{(21)}$$
$$+m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(00)}m_{021}^{(20)}-m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(00)}m_{012}^{(10)}-4m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{120}^{(22)}$$
$$+8m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{111}^{(21)}-4m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{102}^{(11)}+4m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(11)}m_{120}^{(22)}$$
$$-8m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(11)}m_{111}^{(21)}+4m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(11)}m_{102}^{(11)}+4m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(20)}m_{120}^{(22)}$$
$$-8m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(20)}m_{111}^{(21)}+4m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(20)}m_{102}^{(11)}-4m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{120}^{(22)}$$
$$+8m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(21)}-4m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{102}^{(11)}+2m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{120}^{(22)}$$
$$-2m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(21)}-2m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{021}^{(20)}+2m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{012}^{(10)}$$
$$-2m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{120}^{(22)}+2m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(21)}+2m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{021}^{(20)}$$
$$-2m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{012}^{(10)}+2m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{210}^{(22)}-2m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{201}^{(21)}$$
$$-2m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{111}^{(20)}+2m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{102}^{(10)}-2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{120}^{(22)}$$
$$+2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(21)}+2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{021}^{(20)}-2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{012}^{(10)}$$
$$-2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(11)}m_{210}^{(22)}+2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(11)}m_{201}^{(21)}+2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(11)}m_{111}^{(20)}$$
$$-2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(11)}m_{102}^{(10)}-2m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(20)}m_{210}^{(22)}+2m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(20)}m_{201}^{(21)}$$
$$+2m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(20)}m_{111}^{(20)}-2m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(20)}m_{102}^{(10)}+2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{120}^{(22)}$$

$$
\begin{aligned}
&-2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{111}^{(21)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{021}^{(20)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{012}^{(10)}\\
&+2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{210}^{(22)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(21)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{111}^{(20)}\\
&+2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{102}^{(10)} - m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(11)}m_{120}^{(22)} + m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(11)}m_{111}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(11)}m_{021}^{(20)} - m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(11)}m_{012}^{(10)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{120}^{(22)}\\
&-2m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(21)} - 2m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{021}^{(20)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{012}^{(10)}\\
&-2m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{210}^{(21)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(11)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{120}^{(20)}\\
&-2m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(10)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(11)}m_{210}^{(21)} - 2m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(11)}m_{201}^{(11)}\\
&-2m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(11)}m_{120}^{(20)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(11)}m_{111}^{(10)} - m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(00)}m_{120}^{(22)}\\
&+m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(00)}m_{111}^{(21)} + m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(00)}m_{021}^{(20)} - m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(00)}m_{012}^{(10)}\\
&+2m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(20)}m_{210}^{(21)} - 2m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(20)}m_{201}^{(11)} - 2m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(20)}m_{120}^{(20)}\\
&+2m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(20)}m_{111}^{(10)} - 2m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{210}^{(21)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{201}^{(11)}\\
&+2m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{120}^{(20)} - 2m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{111}^{(10)} - 2m_{100}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{030}^{(22)}\\
&+4m_{100}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{021}^{(21)} - 2m_{100}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(11)} + 2m_{100}^{(20)}m_{001}^{(00)}m_{101}^{(11)}m_{030}^{(22)}\\
&-4m_{100}^{(20)}m_{001}^{(00)}m_{101}^{(11)}m_{021}^{(21)} + 2m_{100}^{(20)}m_{001}^{(00)}m_{101}^{(11)}m_{012}^{(11)} + 2m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(20)}m_{030}^{(22)}\\
&-4m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(20)}m_{021}^{(21)} + 2m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(20)}m_{012}^{(11)} + m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(22)}m_{120}^{(21)}\\
&-m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(22)}m_{111}^{(11)} - m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(22)}m_{030}^{(20)} + m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(22)}m_{021}^{(10)}\\
&-2m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{030}^{(22)} + 4m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{021}^{(21)} - 2m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(11)}\\
&-2m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{120}^{(21)} + 2m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(11)} + 2m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{030}^{(20)}\\
&-2m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{021}^{(10)} + m_{100}^{(20)}m_{001}^{(00)}m_{002}^{(11)}m_{120}^{(21)} - m_{100}^{(20)}m_{001}^{(00)}m_{002}^{(11)}m_{111}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(00)}m_{002}^{(11)}m_{030}^{(20)} + m_{100}^{(20)}m_{001}^{(00)}m_{002}^{(11)}m_{021}^{(10)} + 4m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{120}^{(22)}\\
&-6m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(21)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(11)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{021}^{(20)}\\
&+2m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(10)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{120}^{(21)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(11)}\\
&+2m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{030}^{(20)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{021}^{(10)} - 4m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{120}^{(22)}\\
&+6m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(21)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{102}^{(11)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{021}^{(20)}\\
&-2m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{012}^{(10)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(21)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(11)}\\
&-2m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{030}^{(20)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(10)} - 4m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{120}^{(22)}\\
&+6m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{111}^{(21)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(11)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{021}^{(20)}\\
&-2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{012}^{(10)} + 4m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(22)}m_{120}^{(20)} - 6m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(21)}\\
&+2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(11)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{021}^{(20)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{012}^{(10)}\\
&+2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(21)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(11)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{030}^{(20)}\\
&+2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{021}^{(10)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{120}^{(21)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(11)}\\
&+2m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{030}^{(20)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{021}^{(10)} + m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(22)}m_{120}^{(21)}\\
&-m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(22)}m_{111}^{(11)} - m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(22)}m_{030}^{(20)} + m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(22)}m_{021}^{(10)}\\
&-2m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{210}^{(22)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{201}^{(21)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{111}^{(20)}\\
&-2m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{102}^{(10)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(11)}m_{210}^{(22)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(11)}m_{201}^{(21)}\\
&-2m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(11)}m_{111}^{(20)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(11)}m_{102}^{(10)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{120}^{(21)}\\
&+2m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(11)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{030}^{(20)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{021}^{(10)}\\
&+2m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(20)}m_{210}^{(22)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(20)}m_{201}^{(21)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(20)}m_{111}^{(20)}
\end{aligned}
$$

$$+2m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(20)}m_{102}^{(10)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{210}^{(22)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(21)}$$
$$+2m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{111}^{(20)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{102}^{(10)} + m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(00)}m_{120}^{(21)}$$
$$-m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(00)}m_{111}^{(11)} - m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(00)}m_{030}^{(20)} + m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(00)}m_{021}^{(10)}$$
$$-2m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(21)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(11)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{030}^{(20)}$$
$$-2m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(10)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(21)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(11)}$$
$$-2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{030}^{(20)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{021}^{(10)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(21)}$$
$$-2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(11)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{120}^{(20)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(10)}$$
$$+2m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(21)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(11)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{030}^{(20)}$$
$$+2m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(10)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(21)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(11)}$$
$$+2m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{120}^{(20)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{111}^{(10)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(21)}$$
$$+2m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(11)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{120}^{(20)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{111}^{(10)}$$
$$-2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{120}^{(21)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(11)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{030}^{(20)}$$
$$-2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{021}^{(10)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(21)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(11)}$$
$$-2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{120}^{(20)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(10)} + m_{100}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(21)}$$
$$-m_{100}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(11)} - m_{100}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{030}^{(20)} + m_{100}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{021}^{(10)}$$
$$-2m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(21)} + 2m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(11)} + 2m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{030}^{(20)}$$
$$-2m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{021}^{(10)} + m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{120}^{(21)} - m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(11)}$$
$$-m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{030}^{(20)} + m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{021}^{(10)} + 2(m_{100}^{(21)})^2m_{200}^{(21)}m_{120}^{(22)}$$
$$-2(m_{100}^{(21)})^2m_{200}^{(21)}m_{102}^{(11)} - 4(m_{100}^{(21)})^2m_{200}^{(21)}m_{021}^{(20)} + 4(m_{100}^{(21)})^2m_{200}^{(21)}m_{012}^{(10)}$$
$$-2(m_{100}^{(21)})^2m_{110}^{(20)}m_{120}^{(22)} + 2(m_{100}^{(21)})^2m_{110}^{(20)}m_{102}^{(11)} + 4(m_{100}^{(21)})^2m_{110}^{(20)}m_{021}^{(20)}$$
$$-4(m_{100}^{(21)})^2m_{110}^{(20)}m_{012}^{(10)} - 2(m_{100}^{(21)})^2m_{101}^{(10)}m_{120}^{(22)} + 2(m_{100}^{(21)})^2m_{101}^{(10)}m_{102}^{(11)}$$
$$+4(m_{100}^{(21)})^2m_{101}^{(10)}m_{021}^{(20)} - 4(m_{100}^{(21)})^2m_{101}^{(10)}m_{012}^{(10)} + 2(m_{100}^{(21)})^2m_{011}^{(00)}m_{120}^{(22)}$$
$$-2(m_{100}^{(21)})^2m_{011}^{(00)}m_{102}^{(11)} - 4(m_{100}^{(21)})^2m_{011}^{(00)}m_{021}^{(20)} + 4(m_{100}^{(21)})^2m_{011}^{(00)}m_{012}^{(10)}$$
$$-m_{100}^{(21)}m_{100}^{(22)}m_{200}^{(11)}m_{120}^{(22)} + m_{100}^{(21)}m_{100}^{(22)}m_{200}^{(11)}m_{102}^{(11)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{200}^{(11)}m_{021}^{(20)}$$
$$-2m_{100}^{(21)}m_{100}^{(22)}m_{200}^{(11)}m_{012}^{(10)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{200}^{(21)}m_{120}^{(21)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{200}^{(21)}m_{111}^{(11)}$$
$$+2m_{100}^{(21)}m_{100}^{(22)}m_{200}^{(21)}m_{030}^{(20)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{200}^{(21)}m_{021}^{(10)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{120}^{(22)}$$
$$-2m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{102}^{(11)} - 4m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{021}^{(20)} + 4m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{012}^{(10)}$$
$$+2m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(20)}m_{120}^{(21)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(20)}m_{111}^{(11)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(20)}m_{030}^{(20)}$$
$$+2m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(20)}m_{021}^{(10)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{101}^{(10)}m_{120}^{(21)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{101}^{(10)}m_{111}^{(11)}$$
$$-2m_{100}^{(21)}m_{100}^{(22)}m_{101}^{(10)}m_{030}^{(20)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{101}^{(10)}m_{021}^{(10)} - m_{100}^{(21)}m_{100}^{(22)}m_{020}^{(00)}m_{120}^{(22)}$$
$$+m_{100}^{(21)}m_{100}^{(22)}m_{020}^{(00)}m_{102}^{(11)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{020}^{(00)}m_{021}^{(20)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{020}^{(00)}m_{012}^{(10)}$$
$$-2m_{100}^{(21)}m_{100}^{(22)}m_{011}^{(00)}m_{120}^{(21)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{011}^{(00)}m_{111}^{(11)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{011}^{(00)}m_{030}^{(20)}$$
$$-2m_{100}^{(21)}m_{100}^{(22)}m_{011}^{(00)}m_{021}^{(10)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{200}^{(21)}m_{021}^{(22)} + 4m_{100}^{(21)}m_{010}^{(00)}m_{200}^{(21)}m_{012}^{(21)}$$
$$-2m_{100}^{(21)}m_{010}^{(00)}m_{200}^{(21)}m_{003}^{(11)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{110}^{(20)}m_{021}^{(22)} - 4m_{100}^{(21)}m_{010}^{(00)}m_{110}^{(20)}m_{012}^{(21)}$$
$$+2m_{100}^{(21)}m_{010}^{(00)}m_{110}^{(20)}m_{003}^{(11)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{101}^{(10)}m_{021}^{(22)} - 4m_{100}^{(21)}m_{010}^{(00)}m_{101}^{(10)}m_{012}^{(21)}$$
$$+2m_{100}^{(21)}m_{010}^{(00)}m_{101}^{(10)}m_{003}^{(11)} + m_{100}^{(21)}m_{010}^{(00)}m_{020}^{(22)}m_{210}^{(22)} + m_{100}^{(21)}m_{010}^{(00)}m_{020}^{(22)}m_{201}^{(21)}$$
$$-3m_{100}^{(21)}m_{010}^{(00)}m_{020}^{(22)}m_{111}^{(20)} - m_{100}^{(21)}m_{010}^{(00)}m_{020}^{(22)}m_{102}^{(10)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{020}^{(22)}m_{012}^{(00)}$$
$$-2m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(00)}m_{021}^{(22)} + 4m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(00)}m_{012}^{(21)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(00)}m_{003}^{(11)}$$

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\begin{aligned}
&-2m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(21)}m_{210}^{(22)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(21)}m_{201}^{(21)} + 6m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(21)}m_{111}^{(20)}\\
&+2m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(21)}m_{102}^{(10)} - 4m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(21)}m_{012}^{(00)} + m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(11)}m_{210}^{(22)}\\
&+m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(11)}m_{201}^{(21)} - 3m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(11)}m_{111}^{(20)} - m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(11)}m_{102}^{(10)}\\
&+2m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(11)}m_{012}^{(00)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(21)}m_{111}^{(22)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(21)}m_{102}^{(21)}\\
&-2m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(21)}m_{012}^{(20)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(21)}m_{003}^{(10)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{111}^{(22)}\\
&+2m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{102}^{(21)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{012}^{(20)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{003}^{(10)}\\
&-2m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(22)}m_{210}^{(22)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(22)}m_{201}^{(21)} + 6m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(22)}m_{111}^{(20)}\\
&+2m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(22)}m_{102}^{(10)} - 4m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(22)}m_{012}^{(00)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(10)}m_{111}^{(22)}\\
&+2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(10)}m_{102}^{(21)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(10)}m_{012}^{(20)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(10)}m_{003}^{(10)}\\
&+2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{210}^{(22)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{201}^{(21)} - 6m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(20)}\\
&-2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{102}^{(10)} + 4m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{012}^{(00)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(00)}m_{111}^{(22)}\\
&-2m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(00)}m_{102}^{(21)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(00)}m_{012}^{(20)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(00)}m_{003}^{(10)}\\
&+2m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{210}^{(22)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{201}^{(21)} - 6m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{111}^{(20)}\\
&-2m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{102}^{(10)} + 4m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{012}^{(00)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{210}^{(22)}\\
&-2m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{201}^{(21)} + 6m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{111}^{(20)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{102}^{(10)}\\
&-4m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{012}^{(00)} + m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(22)}m_{210}^{(22)} + m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(22)}m_{201}^{(21)}\\
&-3m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(22)}m_{111}^{(20)} - m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(22)}m_{102}^{(10)} + 2m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(22)}m_{012}^{(00)}\\
&-2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{210}^{(22)} - 2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{201}^{(21)} + 6m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{111}^{(20)}\\
&+2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{102}^{(10)} - 4m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{012}^{(00)} + m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(00)}m_{210}^{(22)}\\
&+m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(00)}m_{201}^{(21)} - 3m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(00)}m_{111}^{(20)} - m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(00)}m_{102}^{(10)}\\
&+2m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(00)}m_{012}^{(00)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{120}^{(22)} - 6m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{111}^{(21)}\\
&+4m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{102}^{(11)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{021}^{(20)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{012}^{(10)}\\
&-2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{120}^{(22)} + 6m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{111}^{(21)} - 4m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{102}^{(11)}\\
&-2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{021}^{(20)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(10)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{210}^{(22)}\\
&+2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{201}^{(21)} - 6m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{111}^{(20)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{102}^{(10)}\\
&+4m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{012}^{(00)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{120}^{(22)} + 6m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{111}^{(21)}\\
&-4m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{102}^{(11)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{021}^{(20)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{012}^{(10)}\\
&-2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(11)}m_{210}^{(22)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(11)}m_{201}^{(21)} + 6m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(11)}m_{111}^{(20)}\\
&+2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(11)}m_{102}^{(10)} - 4m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(11)}m_{012}^{(00)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(20)}m_{210}^{(22)}\\
&-2m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(20)}m_{201}^{(21)} + 6m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(20)}m_{111}^{(20)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(20)}m_{102}^{(10)}\\
&-4m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(20)}m_{012}^{(00)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{120}^{(22)} - 6m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{111}^{(21)}\\
&+4m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{102}^{(11)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{021}^{(20)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{012}^{(10)}\\
&+2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{210}^{(22)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{201}^{(21)} - 6m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(20)}\\
&-2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{102}^{(10)} + 4m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{012}^{(00)} - 4m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(21)}m_{210}^{(22)}\\
&+8m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(20)} - 4m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(21)}m_{012}^{(00)} + 4m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(20)}m_{210}^{(22)}\\
&-8m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(20)} + 4m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(20)}m_{012}^{(00)} + 4m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{210}^{(22)}\\
&-8m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(20)} + 4m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{012}^{(00)} - 4m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(00)}m_{210}^{(22)}\\
&+8m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(00)}m_{111}^{(20)} - 4m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(00)}m_{012}^{(00)} + m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(11)}m_{210}^{(22)}
\end{aligned}
$$

$$+m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(11)}m_{201}^{(21)}-3m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(11)}m_{111}^{(20)}-m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(11)}m_{102}^{(10)}$$
$$+2m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(11)}m_{012}^{(00)}+2m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{210}^{(21)}-2m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{201}^{(11)}$$
$$-2m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{120}^{(20)}+2m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(10)}-2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{210}^{(22)}$$
$$-2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{201}^{(21)}+6m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(20)}+2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{102}^{(10)}$$
$$-4m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{012}^{(00)}-2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{210}^{(21)}+2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{201}^{(11)}$$
$$+2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{120}^{(20)}-2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(10)}-2m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{210}^{(21)}$$
$$+2m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{201}^{(11)}+2m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{120}^{(20)}-2m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(10)}$$
$$+m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(00)}m_{210}^{(22)}+m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(00)}m_{201}^{(21)}-3m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(00)}m_{111}^{(20)}$$
$$-m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(00)}m_{102}^{(10)}+2m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(00)}m_{012}^{(00)}+2m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{210}^{(21)}$$
$$-2m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{201}^{(11)}-2m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{120}^{(20)}+2m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{111}^{(10)}$$
$$+2m_{100}^{(21)}m_{001}^{(00)}m_{200}^{(21)}m_{030}^{(22)}-4m_{100}^{(21)}m_{001}^{(00)}m_{200}^{(21)}m_{021}^{(21)}+2m_{100}^{(21)}m_{001}^{(00)}m_{200}^{(21)}m_{012}^{(11)}$$
$$-2m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{030}^{(22)}+4m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{021}^{(21)}-2m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{012}^{(11)}$$
$$-2m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(10)}m_{030}^{(22)}+4m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(10)}m_{021}^{(21)}-2m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(10)}m_{012}^{(11)}$$
$$-m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(22)}m_{210}^{(21)}-m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(22)}m_{201}^{(11)}+m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(22)}m_{120}^{(20)}$$
$$+3m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(22)}m_{111}^{(10)}-2m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(22)}m_{021}^{(00)}+2m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(00)}m_{030}^{(22)}$$
$$-4m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(00)}m_{021}^{(21)}+2m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(00)}m_{012}^{(11)}+2m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{210}^{(21)}$$
$$+2m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{201}^{(11)}-2m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{120}^{(20)}-6m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(10)}$$
$$+4m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{021}^{(00)}-m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(11)}m_{210}^{(21)}-m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(11)}m_{201}^{(11)}$$
$$+m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(11)}m_{120}^{(20)}+3m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(11)}m_{111}^{(10)}-2m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(11)}m_{021}^{(00)}$$
$$-4m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{120}^{(22)}+6m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{111}^{(21)}-2m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{102}^{(11)}$$
$$+2m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(20)}-2m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(10)}+4m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{120}^{(22)}$$
$$-6m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(21)}+2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{102}^{(11)}-2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(20)}$$
$$+2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(10)}+2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(22)}m_{210}^{(21)}+2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(22)}m_{201}^{(11)}$$
$$-2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(22)}m_{120}^{(20)}-6m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(10)}+4m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(22)}m_{021}^{(00)}$$
$$+4m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{120}^{(22)}-6m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(21)}+2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{102}^{(11)}$$
$$-2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(20)}+2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(10)}-2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{210}^{(21)}$$
$$-2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{201}^{(11)}+2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(20)}+6m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(10)}$$
$$-4m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(00)}-4m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{120}^{(22)}+6m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{111}^{(21)}$$
$$-2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{102}^{(11)}+2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{021}^{(20)}-2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{012}^{(10)}$$
$$-2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(21)}-2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(11)}+2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(20)}$$
$$+6m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(10)}-4m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{021}^{(00)}+2m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{210}^{(21)}$$
$$+2m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{201}^{(11)}-2m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{120}^{(20)}-6m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(10)}$$
$$+4m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{021}^{(00)}+2m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{210}^{(22)}-2m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{201}^{(21)}$$
$$-2m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{111}^{(20)}+2m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(10)}-m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(22)}m_{210}^{(21)}$$
$$-m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(22)}m_{201}^{(11)}+m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(22)}m_{120}^{(20)}+3m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(22)}m_{111}^{(10)}$$
$$-2m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(22)}m_{021}^{(00)}-2m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{210}^{(22)}+2m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{201}^{(21)}$$
$$+2m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(20)}-2m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(10)}-2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{210}^{(22)}$$
$$+2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(21)}+2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(20)}-2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(10)}$$

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\begin{aligned}
&+2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{210}^{(21)}+2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{201}^{(11)}-2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{120}^{(20)}\\
&-6m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(10)}+4m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{021}^{(00)}+2m_{100}^{(21)}m_{001}^{(11)}m_{001}^{(00)}m_{210}^{(22)}\\
&-2m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(00)}m_{201}^{(21)}-2m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(00)}m_{111}^{(20)}+2m_{100}^{(21)}m_{001}^{(11)}m_{001}^{(00)}m_{011}^{(10)}\\
&-m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(00)}m_{210}^{(21)}-m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(00)}m_{201}^{(11)}+m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(00)}m_{120}^{(20)}\\
&+3m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(00)}m_{111}^{(10)}-2m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(00)}m_{021}^{(00)}+2m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{120}^{(21)}\\
&-2m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{111}^{(11)}-2m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{030}^{(20)}+2m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(10)}\\
&-2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(21)}+2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(11)}+2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{030}^{(20)}\\
&-2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(10)}-2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(21)}-2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{201}^{(11)}\\
&+2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(20)}+6m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(10)}-4m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(00)}\\
&-2m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(21)}+2m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(11)}+2m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(20)}\\
&-2m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(10)}+2m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{210}^{(21)}+2m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{201}^{(11)}\\
&-2m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(20)}-6m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(10)}+4m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{021}^{(00)}\\
&+2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(21)}+2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{201}^{(11)}-2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{120}^{(20)}\\
&-6m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(10)}+4m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{021}^{(00)}+2m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(21)}\\
&-2m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{111}^{(11)}-2m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{030}^{(20)}+2m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{021}^{(10)}\\
&-2m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(21)}-2m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(11)}+2m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(20)}\\
&+6m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(10)}-4m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{021}^{(00)}+4m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{201}^{(11)}\\
&-8m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(10)}+4m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(00)}-4m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(11)}\\
&+8m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(10)}-4m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{021}^{(00)}-4m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{201}^{(11)}\\
&+8m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(10)}-4m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(00)}+4m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{201}^{(11)}\\
&-8m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(10)}+4m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{021}^{(00)}-m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{210}^{(21)}\\
&-m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{201}^{(11)}+m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(20)}+3m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(10)}\\
&-2m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{021}^{(00)}+2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(21)}+2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{201}^{(11)}\\
&-2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(20)}-6m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(10)}+4m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{021}^{(00)}\\
&-m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(21)}-m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{201}^{(11)}+m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{120}^{(20)}\\
&+3m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(10)}-2m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{021}^{(00)}+(m_{100}^{(22)})^2m_{200}^{(11)}m_{120}^{(21)}\\
&-(m_{100}^{(22)})^2m_{200}^{(11)}m_{111}^{(11)}-(m_{100}^{(22)})^2m_{200}^{(11)}m_{030}^{(20)}+(m_{100}^{(22)})^2m_{200}^{(11)}m_{021}^{(10)}\\
&-2(m_{100}^{(22)})^2m_{110}^{(10)}m_{120}^{(21)}+2(m_{100}^{(22)})^2m_{110}^{(10)}m_{111}^{(11)}+2(m_{100}^{(22)})^2m_{110}^{(10)}m_{030}^{(20)}\\
&-2(m_{100}^{(22)})^2m_{110}^{(10)}m_{021}^{(10)}+(m_{100}^{(22)})^2m_{020}^{(00)}m_{120}^{(21)}-(m_{100}^{(22)})^2m_{020}^{(00)}m_{111}^{(11)}\\
&-(m_{100}^{(22)})^2m_{020}^{(00)}m_{030}^{(20)}+(m_{100}^{(22)})^2m_{020}^{(00)}m_{021}^{(10)}+m_{100}^{(22)}m_{010}^{(00)}m_{200}^{(11)}m_{021}^{(22)}\\
&-2m_{100}^{(22)}m_{010}^{(00)}m_{200}^{(11)}m_{012}^{(21)}+m_{100}^{(22)}m_{010}^{(00)}m_{200}^{(11)}m_{003}^{(11)}-2m_{100}^{(22)}m_{010}^{(00)}m_{110}^{(10)}m_{021}^{(22)}\\
&+4m_{100}^{(22)}m_{010}^{(00)}m_{110}^{(10)}m_{012}^{(21)}-2m_{100}^{(22)}m_{010}^{(00)}m_{110}^{(10)}m_{003}^{(11)}+m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(00)}m_{021}^{(22)}\\
&-2m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(00)}m_{012}^{(21)}+m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(00)}m_{003}^{(11)}-m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(22)}m_{210}^{(21)}\\
&+m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(22)}m_{120}^{(20)}+m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(22)}m_{111}^{(10)}-m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(22)}m_{021}^{(00)}\\
&+2m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(21)}m_{210}^{(21)}-2m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(21)}m_{120}^{(20)}-2m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(21)}m_{111}^{(10)}\\
&+2m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(21)}m_{021}^{(00)}-m_{100}^{(22)}m_{010}^{(00)}m_{002}^{(11)}m_{210}^{(21)}+m_{100}^{(22)}m_{010}^{(00)}m_{002}^{(11)}m_{120}^{(20)}\\
&+m_{100}^{(22)}m_{010}^{(00)}m_{002}^{(11)}m_{111}^{(10)}-m_{100}^{(22)}m_{010}^{(00)}m_{002}^{(11)}m_{021}^{(00)}-m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(11)}m_{111}^{(22)}\\
&+m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(11)}m_{102}^{(21)}+m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(11)}m_{012}^{(20)}-m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(11)}m_{003}^{(10)}
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&+2m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(10)}m_{111}^{(22)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(10)}m_{102}^{(21)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(10)}m_{012}^{(20)}\\
&+2m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(10)}m_{003}^{(10)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(22)}m_{210}^{(21)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(22)}m_{120}^{(20)}\\
&-2m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(22)}m_{111}^{(10)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(22)}m_{021}^{(00)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(21)}m_{210}^{(21)}\\
&+2m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(21)}m_{120}^{(20)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(10)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(21)}m_{021}^{(00)}\\
&-m_{100}^{(22)}m_{010}^{(10)}m_{020}^{(00)}m_{111}^{(22)} + m_{100}^{(22)}m_{010}^{(10)}m_{020}^{(00)}m_{102}^{(21)} + m_{100}^{(22)}m_{010}^{(10)}m_{020}^{(00)}m_{012}^{(20)}\\
&-m_{100}^{(22)}m_{010}^{(10)}m_{020}^{(00)}m_{003}^{(10)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(20)}m_{210}^{(21)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(20)}m_{120}^{(20)}\\
&+2m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(20)}m_{111}^{(10)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(20)}m_{021}^{(00)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{002}^{(10)}m_{210}^{(21)}\\
&-2m_{100}^{(22)}m_{010}^{(10)}m_{002}^{(10)}m_{120}^{(20)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{002}^{(10)}m_{111}^{(10)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{002}^{(10)}m_{021}^{(00)}\\
&-m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(22)}m_{210}^{(21)} + m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(22)}m_{120}^{(20)} + m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(22)}m_{111}^{(10)}\\
&-m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(22)}m_{021}^{(00)} + 2m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(20)}m_{210}^{(21)} - 2m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(20)}m_{120}^{(20)}\\
&-2m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(20)}m_{111}^{(10)} + 2m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(20)}m_{021}^{(00)} - m_{100}^{(22)}m_{010}^{(11)}m_{002}^{(00)}m_{210}^{(21)}\\
&+m_{100}^{(22)}m_{010}^{(11)}m_{002}^{(00)}m_{120}^{(20)} + m_{100}^{(22)}m_{010}^{(11)}m_{002}^{(00)}m_{111}^{(10)} - m_{100}^{(22)}m_{010}^{(11)}m_{002}^{(00)}m_{021}^{(00)}\\
&-m_{100}^{(22)}m_{010}^{(20)}m_{200}^{(11)}m_{120}^{(22)} + 3m_{100}^{(22)}m_{010}^{(20)}m_{200}^{(11)}m_{111}^{(21)} - 2m_{100}^{(22)}m_{010}^{(20)}m_{200}^{(11)}m_{102}^{(11)}\\
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&+2m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(21)}m_{111}^{(10)} - 2m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(21)}m_{021}^{(00)} + 2m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(11)}m_{210}^{(21)}\\
&-2m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(11)}m_{120}^{(20)} - 2m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(11)}m_{111}^{(10)} + 2m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(11)}m_{021}^{(00)}\\
&-m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(00)}m_{120}^{(22)} + 3m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(00)}m_{111}^{(21)} - 2m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(00)}m_{102}^{(11)}\\
&-m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(00)}m_{021}^{(20)} + m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(00)}m_{012}^{(10)} + 2m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(20)}m_{210}^{(21)}\\
&-2m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(20)}m_{120}^{(20)} - 2m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(20)}m_{111}^{(10)} + 2m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(20)}m_{021}^{(00)}\\
&-2m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{210}^{(21)} + 2m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{120}^{(20)} + 2m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(10)}\\
&-2m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{021}^{(00)} + m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(11)}m_{210}^{(22)} - m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(11)}m_{201}^{(21)}\\
&-m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(11)}m_{111}^{(20)} + m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(11)}m_{102}^{(10)} + 2m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(21)}m_{210}^{(21)}\\
&-2m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(21)}m_{120}^{(20)} - 2m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(10)} + 2m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(21)}m_{021}^{(00)}\\
&-2m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{210}^{(22)} + 2m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{201}^{(21)} + 2m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{111}^{(20)}\\
&-2m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{102}^{(10)} - 2m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(20)}m_{210}^{(21)} + 2m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(20)}m_{120}^{(20)}\\
&+2m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(10)} - 2m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(20)}m_{021}^{(00)} - 2m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(10)}m_{210}^{(21)}\\
&+2m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(10)}m_{120}^{(20)} + 2m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(10)} - 2m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(10)}m_{021}^{(00)}\\
&+m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(00)}m_{210}^{(22)} - m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(00)}m_{201}^{(21)} - m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(00)}m_{111}^{(20)}\\
&+m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(00)}m_{102}^{(10)} + 2m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(00)}m_{210}^{(21)} - 2m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(00)}m_{120}^{(20)}\\
&-2m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(00)}m_{111}^{(10)} + 2m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(00)}m_{021}^{(00)} - 2m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(11)}m_{210}^{(21)}\\
&+m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(11)}m_{201}^{(11)} + 2m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(11)}m_{120}^{(20)} - m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(11)}m_{021}^{(00)}\\
&+4m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(10)}m_{210}^{(21)} - 2m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(10)}m_{201}^{(11)} - 4m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(10)}m_{120}^{(20)}\\
&+2m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(10)}m_{021}^{(00)} - 2m_{100}^{(22)}m_{010}^{(22)}m_{020}^{(00)}m_{210}^{(21)} + m_{100}^{(22)}m_{010}^{(22)}m_{020}^{(00)}m_{201}^{(11)}\\
&+2m_{100}^{(22)}m_{010}^{(22)}m_{020}^{(00)}m_{120}^{(20)} - m_{100}^{(22)}m_{010}^{(22)}m_{020}^{(00)}m_{021}^{(00)} - m_{100}^{(22)}m_{001}^{(00)}m_{200}^{(11)}m_{030}^{(22)}\\
&+2m_{100}^{(22)}m_{001}^{(00)}m_{200}^{(11)}m_{021}^{(21)} - m_{100}^{(22)}m_{001}^{(00)}m_{200}^{(11)}m_{012}^{(11)} + 2m_{100}^{(22)}m_{001}^{(00)}m_{110}^{(10)}m_{030}^{(22)}\\
&-4m_{100}^{(22)}m_{001}^{(00)}m_{110}^{(10)}m_{021}^{(21)} + 2m_{100}^{(22)}m_{001}^{(00)}m_{110}^{(10)}m_{012}^{(11)} - m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(00)}m_{030}^{(22)}
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&+2m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(00)}m_{021}^{(21)} - m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(00)}m_{012}^{(11)} + m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(22)}m_{210}^{(11)}\\
&-2m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(22)}m_{120}^{(10)} + m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(22)}m_{030}^{(00)} - 2m_{100}^{(22)}m_{001}^{(00)}m_{011}^{(21)}m_{210}^{(11)}\\
&+4m_{100}^{(22)}m_{001}^{(00)}m_{011}^{(21)}m_{120}^{(10)} - 2m_{100}^{(22)}m_{001}^{(00)}m_{011}^{(21)}m_{030}^{(00)} + m_{100}^{(22)}m_{001}^{(00)}m_{002}^{(11)}m_{210}^{(11)}\\
&-2m_{100}^{(22)}m_{001}^{(00)}m_{002}^{(11)}m_{120}^{(10)} + m_{100}^{(22)}m_{001}^{(00)}m_{002}^{(11)}m_{030}^{(00)} + 2m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(11)}m_{120}^{(22)}\\
&-3m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(11)}m_{111}^{(21)} + m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(11)}m_{102}^{(11)} - m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(11)}m_{021}^{(20)}\\
&+m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(11)}m_{012}^{(10)} - 4m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{120}^{(22)} + 6m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{111}^{(21)}\\
&-2m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(11)} + 2m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{021}^{(20)} - 2m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(10)}\\
&-2m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(22)}m_{210}^{(11)} + 4m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(22)}m_{120}^{(10)} - 2m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(22)}m_{030}^{(00)}\\
&+2m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(21)}m_{210}^{(11)} - 4m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(10)} + 2m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(21)}m_{030}^{(00)}\\
&+2m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(00)}m_{120}^{(22)} - 3m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(00)}m_{111}^{(21)} + m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(00)}m_{102}^{(11)}\\
&-m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(00)}m_{021}^{(20)} + m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(00)}m_{012}^{(10)} + 2m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(11)}\\
&-4m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(10)} + 2m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(20)}m_{030}^{(00)} - 2m_{100}^{(22)}m_{001}^{(10)}m_{002}^{(10)}m_{210}^{(11)}\\
&+4m_{100}^{(22)}m_{001}^{(10)}m_{002}^{(10)}m_{120}^{(10)} - 2m_{100}^{(22)}m_{001}^{(10)}m_{002}^{(10)}m_{030}^{(00)} - m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(11)}m_{210}^{(22)}\\
&+m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(11)}m_{201}^{(21)} + m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(11)}m_{111}^{(20)} - m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(11)}m_{102}^{(10)}\\
&+m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(22)}m_{210}^{(11)} - 2m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(22)}m_{120}^{(10)} + m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(22)}m_{030}^{(00)}\\
&+2m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(10)}m_{210}^{(22)} - 2m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(10)}m_{201}^{(21)} - 2m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(10)}m_{111}^{(20)}\\
&+2m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(10)} - 2m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(20)}m_{210}^{(11)} + 4m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(20)}m_{120}^{(10)}\\
&-2m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(20)}m_{030}^{(00)} - m_{100}^{(22)}m_{001}^{(11)}m_{020}^{(00)}m_{210}^{(22)} + m_{100}^{(22)}m_{001}^{(11)}m_{020}^{(00)}m_{201}^{(21)}\\
&+m_{100}^{(22)}m_{001}^{(11)}m_{020}^{(00)}m_{111}^{(20)} - m_{100}^{(22)}m_{001}^{(11)}m_{020}^{(00)}m_{102}^{(10)} + m_{100}^{(22)}m_{001}^{(11)}m_{002}^{(00)}m_{210}^{(11)}\\
&-2m_{100}^{(22)}m_{001}^{(11)}m_{002}^{(00)}m_{120}^{(10)} + m_{100}^{(22)}m_{001}^{(11)}m_{002}^{(00)}m_{030}^{(00)} - m_{100}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{120}^{(21)}\\
&+m_{100}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{111}^{(11)} + m_{100}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{030}^{(20)} - m_{100}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(10)}\\
&+2m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{120}^{(21)} - 2m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(11)} - 2m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{030}^{(20)}\\
&+2m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(10)} + 2m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(11)} - 4m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(10)}\\
&+2m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(21)}m_{030}^{(00)} - 2m_{100}^{(22)}m_{001}^{(20)}m_{101}^{(11)}m_{210}^{(11)} + 4m_{100}^{(22)}m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(10)}\\
&-2m_{100}^{(22)}m_{001}^{(20)}m_{101}^{(11)}m_{030}^{(00)} - m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{120}^{(21)} + m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(11)}\\
&+m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{030}^{(20)} - m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{021}^{(10)} - 2m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(11)}\\
&+4m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(20)}m_{120}^{(10)} - 2m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(20)}m_{030}^{(00)} + 2m_{100}^{(22)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(11)}\\
&-4m_{100}^{(22)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(10)} + 2m_{100}^{(22)}m_{001}^{(20)}m_{011}^{(10)}m_{030}^{(00)} + m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{210}^{(21)}\\
&-m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{201}^{(11)} - m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{120}^{(20)} + m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(10)}\\
&-2m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(21)}m_{210}^{(11)} + 4m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(10)} - 2m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(21)}m_{030}^{(00)}\\
&-2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{210}^{(21)} + 2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(11)} + 2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{120}^{(20)}\\
&-2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(10)} + 2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(11)} - 4m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(10)}\\
&+2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(20)}m_{030}^{(00)} + 2m_{100}^{(22)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(11)} - 4m_{100}^{(22)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(10)}\\
&+2m_{100}^{(22)}m_{001}^{(21)}m_{101}^{(10)}m_{030}^{(00)} + m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{210}^{(21)} - m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(11)}\\
&-m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{120}^{(20)} + m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(10)} - 2m_{100}^{(22)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(11)}\\
&+4m_{100}^{(22)}m_{001}^{(21)}m_{011}^{(00)}m_{120}^{(10)} - 2m_{100}^{(22)}m_{001}^{(21)}m_{011}^{(00)}m_{030}^{(00)} + m_{100}^{(22)}m_{001}^{(22)}m_{200}^{(11)}m_{210}^{(11)}\\
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&+4m_{100}^{(22)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(10)} - 2m_{100}^{(22)}m_{001}^{(22)}m_{110}^{(10)}m_{030}^{(00)} + m_{100}^{(22)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(11)}
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\begin{aligned}
&-2m_{100}^{(22)}m_{001}^{(22)}m_{020}^{(00)}m_{120}^{(10)}+m_{100}^{(22)}m_{001}^{(22)}m_{020}^{(00)}m_{030}^{(00)}-(m_{010}^{(00)})^2m_{020}^{(22)}m_{111}^{(22)}\\
&+(m_{010}^{(00)})^2m_{020}^{(22)}m_{102}^{(21)}+(m_{010}^{(00)})^2m_{020}^{(22)}m_{012}^{(20)}-(m_{010}^{(00)})^2m_{020}^{(22)}m_{003}^{(10)}\\
&+2(m_{010}^{(00)})^2m_{011}^{(21)}m_{111}^{(22)}-2(m_{010}^{(00)})^2m_{011}^{(21)}m_{102}^{(21)}-2(m_{010}^{(00)})^2m_{011}^{(21)}m_{012}^{(20)}\\
&+2(m_{010}^{(00)})^2m_{011}^{(21)}m_{003}^{(10)}-(m_{010}^{(00)})^2m_{002}^{(11)}m_{111}^{(22)}+(m_{010}^{(00)})^2m_{002}^{(11)}m_{102}^{(21)}\\
&+(m_{010}^{(00)})^2m_{002}^{(11)}m_{012}^{(20)}-(m_{010}^{(00)})^2m_{002}^{(11)}m_{003}^{(10)}+2m_{010}^{(00)}m_{010}^{(10)}m_{110}^{(22)}m_{111}^{(22)}\\
&-2m_{010}^{(00)}m_{010}^{(10)}m_{110}^{(22)}m_{102}^{(21)}-2m_{010}^{(00)}m_{010}^{(10)}m_{110}^{(22)}m_{012}^{(20)}+2m_{010}^{(00)}m_{010}^{(10)}m_{110}^{(22)}m_{003}^{(10)}\\
&-2m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(22)}+2m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(21)}m_{102}^{(21)}+2m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(21)}m_{012}^{(20)}\\
&-2m_{010}^{(00)}m_{010}^{(10)}m_{101}^{(21)}m_{003}^{(10)}+m_{010}^{(00)}m_{010}^{(10)}m_{020}^{(22)}m_{201}^{(22)}-2m_{010}^{(00)}m_{010}^{(10)}m_{020}^{(22)}m_{102}^{(20)}\\
&+m_{010}^{(00)}m_{010}^{(10)}m_{020}^{(22)}m_{003}^{(00)}-2m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(20)}m_{111}^{(22)}+2m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(20)}m_{102}^{(21)}\\
&+2m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(20)}m_{012}^{(20)}-2m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(20)}m_{003}^{(10)}-2m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{201}^{(22)}\\
&+4m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{102}^{(20)}-2m_{010}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{003}^{(00)}+2m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(10)}m_{111}^{(22)}\\
&-2m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(10)}m_{102}^{(21)}-2m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(10)}m_{012}^{(20)}+2m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(10)}m_{003}^{(10)}\\
&+m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(11)}m_{201}^{(22)}-2m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(11)}m_{102}^{(20)}+m_{010}^{(00)}m_{010}^{(10)}m_{002}^{(11)}m_{003}^{(00)}\\
&-m_{010}^{(00)}m_{010}^{(11)}m_{200}^{(22)}m_{111}^{(22)}+m_{010}^{(00)}m_{010}^{(11)}m_{200}^{(22)}m_{102}^{(21)}+m_{010}^{(00)}m_{010}^{(11)}m_{200}^{(22)}m_{012}^{(20)}\\
&-m_{010}^{(00)}m_{010}^{(11)}m_{200}^{(22)}m_{003}^{(10)}+2m_{010}^{(00)}m_{010}^{(11)}m_{101}^{(20)}m_{111}^{(22)}-2m_{010}^{(00)}m_{010}^{(11)}m_{101}^{(20)}m_{102}^{(21)}\\
&-2m_{010}^{(00)}m_{010}^{(11)}m_{101}^{(20)}m_{012}^{(20)}+2m_{010}^{(00)}m_{010}^{(11)}m_{101}^{(20)}m_{003}^{(10)}-m_{010}^{(00)}m_{010}^{(11)}m_{002}^{(00)}m_{111}^{(22)}\\
&+m_{010}^{(00)}m_{010}^{(11)}m_{002}^{(00)}m_{102}^{(21)}+m_{010}^{(00)}m_{010}^{(11)}m_{002}^{(00)}m_{012}^{(20)}-m_{010}^{(00)}m_{010}^{(11)}m_{002}^{(00)}m_{003}^{(10)}\\
&-2m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{111}^{(22)}+2m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{102}^{(21)}+2m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{012}^{(20)}\\
&-2m_{010}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{003}^{(10)}+2m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(11)}m_{111}^{(22)}-2m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(11)}m_{102}^{(21)}\\
&-2m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(11)}m_{012}^{(20)}+2m_{010}^{(00)}m_{010}^{(20)}m_{101}^{(11)}m_{003}^{(10)}+2m_{010}^{(00)}m_{010}^{(20)}m_{020}^{(20)}m_{111}^{(22)}\\
&-2m_{010}^{(00)}m_{010}^{(20)}m_{020}^{(20)}m_{102}^{(21)}-2m_{010}^{(00)}m_{010}^{(20)}m_{020}^{(20)}m_{012}^{(20)}+2m_{010}^{(00)}m_{010}^{(20)}m_{020}^{(20)}m_{003}^{(10)}\\
&+m_{010}^{(00)}m_{010}^{(20)}m_{020}^{(22)}m_{210}^{(22)}-2m_{010}^{(00)}m_{010}^{(20)}m_{020}^{(22)}m_{201}^{(21)}+2m_{010}^{(00)}m_{010}^{(20)}m_{020}^{(22)}m_{102}^{(10)}\\
&-m_{010}^{(00)}m_{010}^{(20)}m_{020}^{(22)}m_{012}^{(00)}-2m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(22)}+2m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(10)}m_{102}^{(21)}\\
&+2m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(10)}m_{012}^{(20)}-2m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(10)}m_{003}^{(10)}-2m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{210}^{(22)}\\
&+4m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{201}^{(21)}-4m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{102}^{(10)}+2m_{010}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{012}^{(00)}\\
&+m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(11)}m_{210}^{(22)}-2m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(11)}m_{201}^{(21)}+2m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(11)}m_{102}^{(10)}\\
&-m_{010}^{(00)}m_{010}^{(20)}m_{002}^{(11)}m_{012}^{(00)}+2m_{010}^{(00)}m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(22)}-2m_{010}^{(00)}m_{010}^{(21)}m_{200}^{(21)}m_{102}^{(21)}\\
&-2m_{010}^{(00)}m_{010}^{(21)}m_{200}^{(21)}m_{012}^{(20)}+2m_{010}^{(00)}m_{010}^{(21)}m_{200}^{(21)}m_{003}^{(10)}-2m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(22)}\\
&+2m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(21)}+2m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(20)}m_{012}^{(20)}-2m_{010}^{(00)}m_{010}^{(21)}m_{110}^{(20)}m_{003}^{(10)}\\
&-2m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(22)}+2m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(10)}m_{102}^{(21)}+2m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(10)}m_{012}^{(20)}\\
&-2m_{010}^{(00)}m_{010}^{(21)}m_{101}^{(10)}m_{003}^{(10)}-m_{010}^{(00)}m_{010}^{(21)}m_{020}^{(22)}m_{300}^{(22)}+2m_{010}^{(00)}m_{010}^{(21)}m_{020}^{(22)}m_{201}^{(20)}\\
&-m_{010}^{(00)}m_{010}^{(21)}m_{020}^{(22)}m_{102}^{(00)}+2m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(00)}m_{111}^{(22)}-2m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(00)}m_{102}^{(21)}\\
&-2m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(00)}m_{012}^{(20)}+2m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(00)}m_{003}^{(10)}+2m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{300}^{(22)}\\
&-4m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(20)}+2m_{010}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{102}^{(00)}-m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(11)}m_{300}^{(22)}\\
&+2m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(11)}m_{201}^{(20)}-m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(11)}m_{102}^{(00)}-m_{010}^{(00)}m_{010}^{(22)}m_{200}^{(11)}m_{111}^{(22)}\\
&+m_{010}^{(00)}m_{010}^{(22)}m_{200}^{(11)}m_{102}^{(21)}+m_{010}^{(00)}m_{010}^{(22)}m_{200}^{(11)}m_{012}^{(20)}-m_{010}^{(00)}m_{010}^{(22)}m_{200}^{(11)}m_{003}^{(10)}\\
&+2m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(22)}-2m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(10)}m_{102}^{(21)}-2m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(10)}m_{012}^{(20)}\\
&+2m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(10)}m_{003}^{(10)}-m_{010}^{(00)}m_{010}^{(22)}m_{020}^{(00)}m_{111}^{(22)}+m_{010}^{(00)}m_{010}^{(22)}m_{020}^{(00)}m_{102}^{(21)}
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&+m_{010}^{(00)}m_{010}^{(22)}m_{020}^{(00)}m_{012}^{(20)} - m_{010}^{(00)}m_{010}^{(22)}m_{020}^{(00)}m_{003}^{(10)} + m_{010}^{(00)}m_{010}^{(22)}m_{020}^{(22)}m_{300}^{(21)}\\
&-m_{010}^{(00)}m_{010}^{(22)}m_{020}^{(22)}m_{210}^{(20)} - m_{010}^{(00)}m_{010}^{(22)}m_{020}^{(22)}m_{201}^{(10)} + m_{010}^{(00)}m_{010}^{(22)}m_{020}^{(22)}m_{111}^{(00)}\\
&-2m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{300}^{(21)} + 2m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{210}^{(20)} + 2m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{201}^{(10)}\\
&-2m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{111}^{(00)} + m_{010}^{(00)}m_{010}^{(22)}m_{002}^{(11)}m_{300}^{(21)} - m_{010}^{(00)}m_{010}^{(22)}m_{002}^{(11)}m_{210}^{(20)}\\
&-m_{010}^{(00)}m_{010}^{(22)}m_{002}^{(11)}m_{201}^{(10)} + m_{010}^{(00)}m_{010}^{(22)}m_{002}^{(11)}m_{111}^{(00)} + m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(22)}m_{120}^{(22)}\\
&-m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(22)}m_{102}^{(11)} - 2m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(22)}m_{021}^{(20)} + 2m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(22)}m_{012}^{(10)}\\
&-2m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(21)}m_{120}^{(22)} + 2m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(21)}m_{102}^{(11)} + 4m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(21)}m_{021}^{(20)}\\
&-4m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(21)}m_{012}^{(10)} + m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(11)}m_{120}^{(22)} - m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(11)}m_{102}^{(11)}\\
&-2m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(11)}m_{021}^{(20)} + 2m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(11)}m_{012}^{(10)} - 2m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(21)}\\
&+2m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{102}^{(11)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{021}^{(20)} - 2m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{012}^{(10)}\\
&+2m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(21)} - 2m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{102}^{(11)} - 2m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(20)}\\
&+2m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{012}^{(10)} - 2m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{210}^{(22)} + m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{201}^{(21)}\\
&+3m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{111}^{(20)} - m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{102}^{(10)} - m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{012}^{(00)}\\
&+2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(21)} - 2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{102}^{(11)} - 2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{021}^{(20)}\\
&+2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{012}^{(10)} + 4m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{210}^{(22)} - 2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(21)}\\
&-6m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(20)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{102}^{(10)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{012}^{(00)}\\
&-2m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(21)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{102}^{(11)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{021}^{(20)}\\
&-2m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{012}^{(10)} - 2m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{210}^{(22)} + m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{201}^{(21)}\\
&+3m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{111}^{(20)} - m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{102}^{(10)} - m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{012}^{(00)}\\
&+m_{010}^{(00)}m_{001}^{(11)}m_{200}^{(22)}m_{111}^{(21)} - m_{010}^{(00)}m_{001}^{(11)}m_{200}^{(22)}m_{102}^{(11)} - m_{010}^{(00)}m_{001}^{(11)}m_{200}^{(22)}m_{021}^{(20)}\\
&+m_{010}^{(00)}m_{001}^{(11)}m_{200}^{(22)}m_{012}^{(10)} - 2m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(21)} + 2m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(20)}m_{102}^{(11)}\\
&+2m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(20)}m_{021}^{(20)} - 2m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(20)}m_{012}^{(10)} + m_{010}^{(00)}m_{001}^{(11)}m_{020}^{(22)}m_{300}^{(22)}\\
&-2m_{010}^{(00)}m_{001}^{(11)}m_{020}^{(22)}m_{201}^{(20)} + m_{010}^{(00)}m_{001}^{(11)}m_{020}^{(22)}m_{102}^{(00)} - 2m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{300}^{(22)}\\
&+4m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{201}^{(20)} - 2m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{102}^{(00)} + m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(00)}m_{111}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(00)}m_{102}^{(11)} - m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(00)}m_{021}^{(20)} + m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(00)}m_{012}^{(10)}\\
&+m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(11)}m_{300}^{(22)} - 2m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(11)}m_{201}^{(20)} + m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(11)}m_{102}^{(00)}\\
&+2m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(21)} - 2m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{102}^{(11)} - 2m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(20)}\\
&+2m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{012}^{(10)} - 2m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{111}^{(21)} + 2m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{102}^{(11)}\\
&+2m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{021}^{(20)} - 2m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{012}^{(10)} - 2m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(21)}\\
&+2m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{102}^{(11)} + 2m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{021}^{(20)} - 2m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{012}^{(10)}\\
&+m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(22)}m_{210}^{(21)} - m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(22)}m_{120}^{(20)} - m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(22)}m_{111}^{(10)}\\
&+m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(22)}m_{021}^{(00)} + 2m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(21)} - 2m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{102}^{(11)}\\
&-2m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{021}^{(20)} + 2m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{012}^{(10)} - 2m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(21)}\\
&+2m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(20)} + 2m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{111}^{(10)} - 2m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{021}^{(00)}\\
&+m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(11)}m_{210}^{(21)} - m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(11)}m_{120}^{(20)} - m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(11)}m_{111}^{(10)}\\
&+m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(11)}m_{021}^{(00)} - 2m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(21)} + 2m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(21)}m_{102}^{(11)}\\
&+2m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(20)} - 2m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(21)}m_{012}^{(10)} + 2m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(21)}\\
&-2m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{102}^{(11)} - 2m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{021}^{(20)} + 2m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{012}^{(10)}
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\begin{aligned}
&+2m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(21)} - 2m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{102}^{(11)} - 2m_{010}^{(00)}m_{001}^{(21)}m_{001}^{(10)}m_{021}^{(20)}\\
&+2m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{012}^{(10)} - m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{300}^{(21)} + m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{210}^{(20)}\\
&+m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{201}^{(10)} - m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{111}^{(00)} - 2m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(21)}\\
&+2m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(00)}m_{102}^{(11)} + 2m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(00)}m_{021}^{(20)} - 2m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(00)}m_{012}^{(10)}\\
&+2m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(21)} - 2m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(20)} - 2m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{201}^{(10)}\\
&+2m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{111}^{(00)} - m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(11)}m_{300}^{(21)} + m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(11)}m_{210}^{(20)}\\
&+m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(11)}m_{201}^{(10)} - m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(11)}m_{111}^{(00)} + m_{010}^{(00)}m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(22)}m_{200}^{(11)}m_{102}^{(11)} - m_{010}^{(00)}m_{001}^{(22)}m_{200}^{(11)}m_{021}^{(20)} + m_{010}^{(00)}m_{001}^{(22)}m_{200}^{(11)}m_{012}^{(10)}\\
&-2m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(21)} + 2m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{102}^{(11)} + 2m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{021}^{(20)}\\
&-2m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{012}^{(10)} + m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(21)} - m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(00)}m_{102}^{(11)}\\
&-m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(00)}m_{021}^{(20)} + m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(00)}m_{012}^{(10)} - 2(m_{010}^{(10)})^2m_{110}^{(22)}m_{201}^{(22)}\\
&+4(m_{010}^{(10)})^2m_{110}^{(22)}m_{102}^{(20)} - 2(m_{010}^{(10)})^2m_{110}^{(22)}m_{003}^{(00)} + 2(m_{010}^{(10)})^2m_{101}^{(21)}m_{201}^{(22)}\\
&-4(m_{010}^{(10)})^2m_{101}^{(21)}m_{102}^{(20)} + 2(m_{010}^{(10)})^2m_{101}^{(21)}m_{003}^{(00)} + 2(m_{010}^{(10)})^2m_{011}^{(20)}m_{201}^{(22)}\\
&-4(m_{010}^{(10)})^2m_{011}^{(20)}m_{102}^{(20)} + 2(m_{010}^{(10)})^2m_{011}^{(20)}m_{003}^{(00)} - 2(m_{010}^{(10)})^2m_{002}^{(10)}m_{201}^{(22)}\\
&+4(m_{010}^{(10)})^2m_{002}^{(10)}m_{102}^{(20)} - 2(m_{010}^{(10)})^2m_{002}^{(10)}m_{003}^{(00)} + m_{010}^{(10)}m_{010}^{(11)}m_{200}^{(22)}m_{201}^{(22)}\\
&-2m_{010}^{(10)}m_{010}^{(11)}m_{200}^{(22)}m_{102}^{(20)} + m_{010}^{(10)}m_{010}^{(11)}m_{200}^{(22)}m_{003}^{(00)} - 2m_{010}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{201}^{(22)}\\
&+4m_{010}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{102}^{(20)} - 2m_{010}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{003}^{(00)} + m_{010}^{(10)}m_{010}^{(11)}m_{002}^{(00)}m_{201}^{(22)}\\
&-2m_{010}^{(10)}m_{010}^{(11)}m_{002}^{(00)}m_{102}^{(20)} + m_{010}^{(10)}m_{010}^{(11)}m_{002}^{(00)}m_{003}^{(00)} + 2m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{201}^{(22)}\\
&-4m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{102}^{(20)} + 2m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{003}^{(00)} - 2m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{210}^{(22)}\\
&+4m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{201}^{(21)} - 4m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{102}^{(10)} + 2m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{012}^{(00)}\\
&-2m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(11)}m_{201}^{(22)} + 4m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(11)}m_{102}^{(20)} - 2m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(11)}m_{003}^{(00)}\\
&+2m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{210}^{(22)} - 4m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{201}^{(21)} + 4m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{102}^{(10)}\\
&-2m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{012}^{(00)} - 2m_{010}^{(10)}m_{010}^{(20)}m_{020}^{(20)}m_{201}^{(22)} + 4m_{010}^{(10)}m_{010}^{(20)}m_{020}^{(20)}m_{102}^{(20)}\\
&-2m_{010}^{(10)}m_{010}^{(20)}m_{020}^{(20)}m_{003}^{(00)} + 2m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{201}^{(22)} - 4m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{102}^{(20)}\\
&+2m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{003}^{(00)} + 2m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{210}^{(22)} - 4m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{201}^{(21)}\\
&+4m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{102}^{(10)} - 2m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{012}^{(00)} - 2m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{210}^{(22)}\\
&+4m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{201}^{(21)} - 4m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{102}^{(10)} + 2m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{012}^{(00)}\\
&-2m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{201}^{(22)} + 4m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{102}^{(20)} - 2m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{003}^{(00)}\\
&+2m_{010}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{201}^{(22)} - 4m_{010}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(20)} + 2m_{010}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{003}^{(00)}\\
&+2m_{010}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{300}^{(22)} - 4m_{010}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{201}^{(20)} + 2m_{010}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{102}^{(00)}\\
&+2m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{201}^{(22)} - 4m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{102}^{(20)} + 2m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{003}^{(00)}\\
&-2m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{300}^{(22)} + 4m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{201}^{(20)} - 2m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{102}^{(00)}\\
&-2m_{010}^{(10)}m_{010}^{(21)}m_{011}^{(00)}m_{201}^{(22)} + 4m_{010}^{(10)}m_{010}^{(21)}m_{011}^{(00)}m_{102}^{(20)} - 2m_{010}^{(10)}m_{010}^{(21)}m_{011}^{(00)}m_{003}^{(00)}\\
&-2m_{010}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{300}^{(22)} + 4m_{010}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(20)} - 2m_{010}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{102}^{(00)}\\
&+2m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{300}^{(22)} - 4m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{201}^{(20)} + 2m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{102}^{(00)}\\
&+m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(11)}m_{201}^{(22)} - 2m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(11)}m_{102}^{(20)} + m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(11)}m_{003}^{(00)}\\
&-2m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{201}^{(22)} + 4m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{102}^{(20)} - 2m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{003}^{(00)}\\
&-2m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(22)}m_{300}^{(21)} + 2m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(22)}m_{210}^{(20)} + 2m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(22)}m_{201}^{(10)}
\end{aligned}
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\begin{aligned}
&-2m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(22)}m_{111}^{(00)}+2m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{300}^{(21)}-2m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(20)}\\
&-2m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{201}^{(10)}+2m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{111}^{(00)}+m_{010}^{(10)}m_{010}^{(22)}m_{020}^{(00)}m_{201}^{(22)}\\
&-2m_{010}^{(10)}m_{010}^{(22)}m_{020}^{(00)}m_{102}^{(20)}+m_{010}^{(10)}m_{010}^{(22)}m_{020}^{(00)}m_{003}^{(00)}+2m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{300}^{(21)}\\
&-2m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(20)}-2m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{201}^{(10)}+2m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{111}^{(00)}\\
&-2m_{010}^{(10)}m_{010}^{(22)}m_{002}^{(10)}m_{300}^{(21)}+2m_{010}^{(10)}m_{010}^{(22)}m_{002}^{(10)}m_{210}^{(20)}+2m_{010}^{(10)}m_{010}^{(22)}m_{002}^{(10)}m_{201}^{(10)}\\
&-2m_{010}^{(10)}m_{010}^{(22)}m_{002}^{(10)}m_{111}^{(00)}-2m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(22)}m_{120}^{(22)}+2m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(22)}m_{111}^{(21)}\\
&+2m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(22)}m_{021}^{(20)}-2m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(22)}m_{012}^{(10)}+2m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{120}^{(22)}\\
&-2m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{111}^{(21)}-2m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(20)}+2m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{012}^{(10)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{020}^{(22)}m_{201}^{(21)}+m_{010}^{(10)}m_{001}^{(00)}m_{020}^{(22)}m_{111}^{(20)}+m_{010}^{(10)}m_{001}^{(00)}m_{020}^{(22)}m_{102}^{(10)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{020}^{(22)}m_{012}^{(00)}+2m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{120}^{(22)}-2m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(21)}\\
&-2m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(20)}+2m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{012}^{(10)}+2m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{201}^{(21)}\\
&-2m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(20)}-2m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{102}^{(10)}+2m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{012}^{(00)}\\
&-2m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{120}^{(22)}+2m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{111}^{(21)}+2m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{021}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{012}^{(10)}-m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(11)}m_{201}^{(21)}+m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(11)}m_{111}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(11)}m_{102}^{(10)}-m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(11)}m_{012}^{(00)}+4m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{210}^{(22)}\\
&-8m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(20)}+4m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{012}^{(00)}-4m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{210}^{(22)}\\
&+8m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(20)}-4m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{012}^{(00)}-4m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(22)}\\
&+8m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(20)}-4m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{012}^{(00)}+4m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{210}^{(22)}\\
&-8m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(20)}+4m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{012}^{(00)}-m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{201}^{(21)}\\
&+m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{111}^{(20)}+m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{102}^{(10)}-m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{012}^{(00)}\\
&-2m_{010}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{300}^{(22)}+4m_{010}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{201}^{(20)}-2m_{010}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{102}^{(00)}\\
&+2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{201}^{(21)}-2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(20)}-2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{102}^{(10)}\\
&+2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{012}^{(00)}+2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{300}^{(22)}-4m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(20)}\\
&+2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{102}^{(00)}+2m_{010}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{300}^{(22)}-4m_{010}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(20)}\\
&+2m_{010}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{102}^{(00)}-m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(00)}m_{201}^{(21)}+m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(00)}m_{111}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(00)}m_{102}^{(10)}-m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(00)}m_{012}^{(00)}-2m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{300}^{(22)}\\
&+4m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{201}^{(20)}-2m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{102}^{(00)}-2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{201}^{(21)}\\
&+2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(20)}+2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{102}^{(10)}-2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{012}^{(00)}\\
&-2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{210}^{(21)}+2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{120}^{(20)}+2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{111}^{(10)}\\
&-2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{021}^{(00)}+2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{201}^{(21)}-2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{102}^{(10)}+2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{012}^{(00)}+2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{210}^{(21)}\\
&-2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(20)}-2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{111}^{(10)}+2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{021}^{(00)}\\
&+2m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{201}^{(21)}-2m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(20)}-2m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{102}^{(10)}\\
&+2m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{012}^{(00)}-2m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(21)}+2m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(20)}\\
&+2m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{102}^{(10)}-2m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{012}^{(00)}+2m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(21)}\\
&-2m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(20)}-2m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{111}^{(10)}+2m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{021}^{(00)}\\
&-2m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{210}^{(21)}+2m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{120}^{(20)}+2m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{111}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{021}^{(00)}+2m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{201}^{(21)}-2m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(20)}
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\begin{aligned}
&-2m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{102}^{(10)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{012}^{(00)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(21)}\\
&+2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(20)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{102}^{(10)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{012}^{(00)}\\
&+2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{300}^{(21)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(20)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{201}^{(10)}\\
&+2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{111}^{(00)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{201}^{(21)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(20)}\\
&+2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{102}^{(10)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{012}^{(00)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{300}^{(21)}\\
&+2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(20)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{201}^{(10)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{111}^{(00)}\\
&+2m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{201}^{(21)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(20)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{102}^{(10)}\\
&+2m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{012}^{(00)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(21)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(20)}\\
&+2m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{201}^{(10)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{111}^{(00)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{300}^{(21)}\\
&-2m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{210}^{(20)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{201}^{(10)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{111}^{(00)}\\
&-m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{201}^{(21)} + m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(20)} + m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{102}^{(10)}\\
&-m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{012}^{(00)} + 2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{201}^{(21)} - 2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{102}^{(10)} + 2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{012}^{(00)} - m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{201}^{(21)}\\
&+m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(20)} + m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{102}^{(10)} - m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{012}^{(00)}\\
&+m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(22)}m_{210}^{(22)} - 2m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(22)}m_{201}^{(21)} + 2m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(22)}m_{102}^{(10)}\\
&-m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(22)}m_{012}^{(00)} - 2m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{210}^{(22)} + 4m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{201}^{(21)}\\
&-4m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{102}^{(10)} + 2m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{012}^{(00)} + m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(00)}m_{210}^{(22)}\\
&-2m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(00)}m_{201}^{(21)} + 2m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(00)}m_{102}^{(10)} - m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(00)}m_{012}^{(00)}\\
&-m_{010}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{300}^{(22)} + 2m_{010}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{201}^{(20)} - m_{010}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{102}^{(00)}\\
&+2m_{010}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{300}^{(22)} - 4m_{010}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{201}^{(20)} + 2m_{010}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{102}^{(00)}\\
&-m_{010}^{(11)}m_{010}^{(21)}m_{002}^{(00)}m_{300}^{(22)} + 2m_{010}^{(11)}m_{010}^{(21)}m_{002}^{(00)}m_{201}^{(20)} - m_{010}^{(11)}m_{010}^{(21)}m_{002}^{(00)}m_{102}^{(00)}\\
&+m_{010}^{(11)}m_{010}^{(22)}m_{200}^{(22)}m_{300}^{(21)} - m_{010}^{(11)}m_{010}^{(22)}m_{200}^{(22)}m_{210}^{(20)} - m_{010}^{(11)}m_{010}^{(22)}m_{200}^{(22)}m_{201}^{(10)}\\
&+m_{010}^{(11)}m_{010}^{(22)}m_{200}^{(22)}m_{111}^{(00)} - 2m_{010}^{(11)}m_{010}^{(22)}m_{101}^{(20)}m_{300}^{(21)} + 2m_{010}^{(11)}m_{010}^{(22)}m_{101}^{(20)}m_{210}^{(20)}\\
&+2m_{010}^{(11)}m_{010}^{(22)}m_{101}^{(20)}m_{201}^{(10)} - 2m_{010}^{(11)}m_{010}^{(22)}m_{101}^{(20)}m_{111}^{(00)} + m_{010}^{(11)}m_{010}^{(22)}m_{002}^{(00)}m_{300}^{(21)}\\
&-m_{010}^{(11)}m_{010}^{(22)}m_{002}^{(00)}m_{210}^{(20)} - m_{010}^{(11)}m_{010}^{(22)}m_{002}^{(00)}m_{201}^{(10)} + m_{010}^{(11)}m_{010}^{(22)}m_{002}^{(00)}m_{111}^{(00)}\\
&+m_{010}^{(11)}m_{001}^{(00)}m_{200}^{(22)}m_{120}^{(22)} - m_{010}^{(11)}m_{001}^{(00)}m_{200}^{(22)}m_{111}^{(21)} - m_{010}^{(11)}m_{001}^{(00)}m_{200}^{(22)}m_{021}^{(20)}\\
&+m_{010}^{(11)}m_{001}^{(00)}m_{200}^{(22)}m_{012}^{(10)} - 2m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{120}^{(22)} + 2m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{111}^{(21)}\\
&+2m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{021}^{(20)} - 2m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{012}^{(10)} + m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(00)}m_{120}^{(22)}\\
&-m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(00)}m_{111}^{(21)} - m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(00)}m_{021}^{(20)} + m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(00)}m_{012}^{(10)}\\
&-2m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{210}^{(22)} + m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{201}^{(21)} + 3m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{111}^{(20)}\\
&-m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{102}^{(10)} - m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{012}^{(00)} + 4m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{210}^{(22)}\\
&-2m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{201}^{(21)} - 6m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(20)} + 2m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{102}^{(10)}\\
&+2m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{012}^{(00)} - 2m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(00)}m_{210}^{(22)} + m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(00)}m_{201}^{(21)}\\
&+3m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(00)}m_{111}^{(20)} - m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(00)}m_{102}^{(10)} - m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(00)}m_{012}^{(00)}\\
&+m_{010}^{(11)}m_{001}^{(11)}m_{200}^{(22)}m_{300}^{(22)} - 2m_{010}^{(11)}m_{001}^{(11)}m_{200}^{(22)}m_{201}^{(20)} + m_{010}^{(11)}m_{001}^{(11)}m_{200}^{(22)}m_{102}^{(00)}\\
&-2m_{010}^{(11)}m_{001}^{(11)}m_{101}^{(20)}m_{300}^{(22)} + 4m_{010}^{(11)}m_{001}^{(11)}m_{101}^{(20)}m_{201}^{(20)} - 2m_{010}^{(11)}m_{001}^{(11)}m_{101}^{(20)}m_{102}^{(00)}\\
&+m_{010}^{(11)}m_{001}^{(11)}m_{002}^{(00)}m_{300}^{(22)} - 2m_{010}^{(11)}m_{001}^{(11)}m_{002}^{(00)}m_{201}^{(20)} + m_{010}^{(11)}m_{001}^{(11)}m_{002}^{(00)}m_{102}^{(00)}\\
&+m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(22)}m_{210}^{(21)} - m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(22)}m_{120}^{(20)} - m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(22)}m_{111}^{(10)}
\end{aligned}
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$$+m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(22)}m_{021}^{(00)} - 2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{210}^{(21)} + 2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(20)}$$
$$+2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{111}^{(10)} - 2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{021}^{(00)} + m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(00)}m_{210}^{(21)}$$
$$-m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(00)}m_{120}^{(20)} - m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(00)}m_{111}^{(10)} + m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(00)}m_{021}^{(00)}$$
$$-m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(22)}m_{300}^{(21)} + m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(22)}m_{210}^{(20)} + m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(22)}m_{201}^{(10)}$$
$$-m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(22)}m_{111}^{(00)} + 2m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{300}^{(21)} - 2m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(20)}$$
$$-2m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{201}^{(10)} + 2m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{111}^{(00)} - m_{010}^{(11)}m_{001}^{(21)}m_{002}^{(00)}m_{300}^{(21)}$$
$$+m_{010}^{(11)}m_{001}^{(21)}m_{002}^{(00)}m_{210}^{(20)} + m_{010}^{(11)}m_{001}^{(21)}m_{002}^{(00)}m_{201}^{(10)} - m_{010}^{(11)}m_{001}^{(21)}m_{002}^{(00)}m_{111}^{(00)}$$
$$+2(m_{010}^{(20)})^2m_{110}^{(21)}m_{210}^{(22)} - 4(m_{010}^{(20)})^2m_{110}^{(21)}m_{201}^{(21)} + 4(m_{010}^{(20)})^2m_{110}^{(21)}m_{102}^{(10)}$$
$$-2(m_{010}^{(20)})^2m_{110}^{(21)}m_{012}^{(00)} - 2(m_{010}^{(20)})^2m_{101}^{(11)}m_{210}^{(22)} + 4(m_{010}^{(20)})^2m_{101}^{(11)}m_{201}^{(21)}$$
$$-4(m_{010}^{(20)})^2m_{101}^{(11)}m_{102}^{(10)} + 2(m_{010}^{(20)})^2m_{101}^{(11)}m_{012}^{(00)} - 2(m_{010}^{(20)})^2m_{020}^{(20)}m_{210}^{(22)}$$
$$+4(m_{010}^{(20)})^2m_{020}^{(20)}m_{201}^{(21)} - 4(m_{010}^{(20)})^2m_{020}^{(20)}m_{102}^{(10)} + 2(m_{010}^{(20)})^2m_{020}^{(20)}m_{012}^{(00)}$$
$$+2(m_{010}^{(20)})^2m_{011}^{(10)}m_{210}^{(22)} - 4(m_{010}^{(20)})^2m_{011}^{(10)}m_{201}^{(21)} + 4(m_{010}^{(20)})^2m_{011}^{(10)}m_{102}^{(10)}$$
$$-2(m_{010}^{(20)})^2m_{011}^{(10)}m_{012}^{(00)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{210}^{(22)} + 4m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{201}^{(21)}$$
$$-4m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{102}^{(10)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{012}^{(00)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{210}^{(22)}$$
$$-4m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{201}^{(21)} + 4m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(10)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{012}^{(00)}$$
$$-2m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{300}^{(22)} + 4m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{201}^{(20)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{102}^{(00)}$$
$$+2m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{210}^{(22)} - 4m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{201}^{(21)} + 4m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{102}^{(10)}$$
$$-2m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{012}^{(00)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(11)}m_{300}^{(22)} - 4m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(11)}m_{201}^{(20)}$$
$$+2m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(11)}m_{102}^{(00)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{020}^{(20)}m_{300}^{(22)} - 4m_{010}^{(20)}m_{010}^{(21)}m_{020}^{(20)}m_{201}^{(20)}$$
$$+2m_{010}^{(20)}m_{010}^{(21)}m_{020}^{(20)}m_{102}^{(00)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{210}^{(22)} + 4m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{201}^{(21)}$$
$$-4m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{102}^{(10)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{012}^{(00)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{300}^{(22)}$$
$$+4m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(20)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{102}^{(00)} + m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(11)}m_{210}^{(22)}$$
$$-2m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(11)}m_{201}^{(21)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(11)}m_{102}^{(10)} - m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(11)}m_{012}^{(00)}$$
$$-2m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{210}^{(22)} + 4m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{201}^{(21)} - 4m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{102}^{(10)}$$
$$+2m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{012}^{(00)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{300}^{(21)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{210}^{(20)}$$
$$-2m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(10)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(00)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(11)}m_{300}^{(21)}$$
$$+2m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(11)}m_{210}^{(20)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(11)}m_{201}^{(10)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(11)}m_{111}^{(00)}$$
$$+m_{010}^{(20)}m_{010}^{(22)}m_{020}^{(00)}m_{210}^{(22)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{020}^{(00)}m_{201}^{(21)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{020}^{(00)}m_{102}^{(10)}$$
$$-m_{010}^{(20)}m_{010}^{(22)}m_{020}^{(00)}m_{012}^{(00)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{020}^{(20)}m_{300}^{(21)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{020}^{(20)}m_{210}^{(20)}$$
$$+2m_{010}^{(20)}m_{010}^{(22)}m_{020}^{(20)}m_{201}^{(10)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{020}^{(20)}m_{111}^{(00)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{300}^{(21)}$$
$$-2m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{210}^{(20)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{201}^{(10)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{111}^{(00)}$$
$$+2m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{120}^{(22)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{111}^{(21)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{021}^{(20)}$$
$$+2m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(10)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(11)}m_{120}^{(22)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(11)}m_{111}^{(21)}$$
$$+2m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(11)}m_{021}^{(20)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(11)}m_{012}^{(10)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(20)}m_{120}^{(22)}$$
$$+2m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(20)}m_{111}^{(21)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(20)}m_{021}^{(20)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(20)}m_{012}^{(10)}$$
$$-m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(22)}m_{210}^{(21)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(22)}m_{201}^{(11)} + m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(22)}m_{120}^{(20)}$$
$$-3m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(22)}m_{111}^{(10)} + m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(22)}m_{021}^{(00)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{120}^{(22)}$$
$$-2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(21)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{021}^{(20)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(10)}$$

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\begin{aligned}
&+2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{210}^{(21)} - 4m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{201}^{(11)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{120}^{(20)}\\
&+6m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(10)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{021}^{(00)} - m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(11)}m_{210}^{(21)}\\
&+2m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(11)}m_{201}^{(11)} + m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(11)}m_{120}^{(20)} - 3m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(11)}m_{111}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(11)}m_{021}^{(00)} - 4m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{210}^{(22)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{201}^{(21)}\\
&+6m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(20)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(10)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(00)}\\
&+2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{210}^{(21)} - 4m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{201}^{(11)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{120}^{(20)}\\
&+6m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(10)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{021}^{(00)} + 4m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{210}^{(22)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{201}^{(21)} - 6m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(20)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{102}^{(10)}\\
&+2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{012}^{(00)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{210}^{(21)} + 4m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{201}^{(11)}\\
&+2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(20)} - 6m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(10)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(00)}\\
&+4m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{210}^{(22)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{201}^{(21)} - 6m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{111}^{(20)}\\
&+2m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(10)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{012}^{(00)} - 4m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{210}^{(22)}\\
&+2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(21)} + 6m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(20)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(10)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{012}^{(00)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(21)} + 4m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(11)}\\
&+2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(20)} - 6m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(10)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{021}^{(00)}\\
&+2m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{210}^{(21)} - 4m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{201}^{(11)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{120}^{(20)}\\
&+6m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(10)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{021}^{(00)} - m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(22)}m_{210}^{(21)}\\
&+2m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(22)}m_{201}^{(11)} + m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(22)}m_{120}^{(20)} - 3m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(22)}m_{111}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(22)}m_{021}^{(00)} + 2m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{300}^{(22)} - 4m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{201}^{(20)}\\
&+2m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{102}^{(00)} - 2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(11)}m_{300}^{(22)} + 4m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(11)}m_{201}^{(20)}\\
&-2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(11)}m_{102}^{(00)} + 2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{210}^{(21)} - 4m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{201}^{(11)}\\
&-2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{120}^{(20)} + 6m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(10)} - 2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{021}^{(00)}\\
&-2m_{010}^{(20)}m_{001}^{(11)}m_{020}^{(20)}m_{300}^{(22)} + 4m_{010}^{(20)}m_{001}^{(11)}m_{020}^{(20)}m_{201}^{(20)} - 2m_{010}^{(20)}m_{001}^{(11)}m_{020}^{(20)}m_{102}^{(00)}\\
&+2m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{300}^{(22)} - 4m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(20)} + 2m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{102}^{(00)}\\
&-m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(00)}m_{210}^{(21)} + 2m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(00)}m_{201}^{(11)} + m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(00)}m_{120}^{(20)}\\
&-3m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(00)}m_{111}^{(10)} + m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(00)}m_{021}^{(00)} + 4m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{201}^{(11)}\\
&-8m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(10)} + 4m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(00)} - 4m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{201}^{(11)}\\
&+8m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(10)} - 4m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{021}^{(00)} - 4m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{201}^{(11)}\\
&+8m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(10)} - 4m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{021}^{(00)} + 4m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(11)}\\
&-8m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(10)} + 4m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{021}^{(00)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{210}^{(21)}\\
&-4m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{201}^{(11)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(20)} + 6m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(10)}\\
&-2m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(00)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(21)} + 4m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(11)}\\
&+2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(20)} - 6m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(10)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{021}^{(00)}\\
&-2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{300}^{(21)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(20)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(10)}\\
&-2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(00)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(21)} + 4m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{201}^{(11)}\\
&+2m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(20)} - 6m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(10)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(00)}\\
&+2m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{300}^{(21)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(20)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(10)}\\
&+2m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{111}^{(00)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{300}^{(21)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(20)}
\end{aligned}
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\begin{aligned}
&-2m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(10)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{111}^{(00)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(21)}\\
&-4m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{201}^{(11)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{120}^{(20)} + 6m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(10)}\\
&-2m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{021}^{(00)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(21)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(20)}\\
&+2m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(10)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(00)} - m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{210}^{(21)}\\
&+2m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{201}^{(11)} + m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(20)} - 3m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{021}^{(00)} + 2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(21)} - 4m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{201}^{(11)}\\
&-2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(20)} + 6m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(10)} - 2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{021}^{(00)}\\
&-m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(21)} + 2m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{201}^{(11)} + m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{120}^{(20)}\\
&-3m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(10)} + m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{021}^{(00)} + 2(m_{010}^{(21)})^2m_{200}^{(21)}m_{300}^{(22)}\\
&-4(m_{010}^{(21)})^2m_{200}^{(21)}m_{201}^{(20)} + 2(m_{010}^{(21)})^2m_{200}^{(21)}m_{102}^{(00)} - 2(m_{010}^{(21)})^2m_{110}^{(20)}m_{300}^{(22)}\\
&+4(m_{010}^{(21)})^2m_{110}^{(20)}m_{201}^{(20)} - 2(m_{010}^{(21)})^2m_{110}^{(20)}m_{102}^{(00)} - 2(m_{010}^{(21)})^2m_{101}^{(10)}m_{300}^{(22)}\\
&+4(m_{010}^{(21)})^2m_{101}^{(10)}m_{201}^{(20)} - 2(m_{010}^{(21)})^2m_{101}^{(10)}m_{102}^{(00)} + 2(m_{010}^{(21)})^2m_{011}^{(00)}m_{300}^{(22)}\\
&-4(m_{010}^{(21)})^2m_{011}^{(00)}m_{201}^{(20)} + 2(m_{010}^{(21)})^2m_{011}^{(00)}m_{102}^{(00)} - m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(11)}m_{300}^{(22)}\\
&+2m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(11)}m_{201}^{(20)} - m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(11)}m_{102}^{(00)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{300}^{(21)}\\
&+2m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{210}^{(20)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{201}^{(10)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(00)}\\
&+2m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{300}^{(22)} - 4m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{201}^{(20)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{102}^{(00)}\\
&+2m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{300}^{(21)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{210}^{(20)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{201}^{(10)}\\
&+2m_{010}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(00)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{300}^{(21)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{210}^{(20)}\\
&-2m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{201}^{(10)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(00)} - m_{010}^{(21)}m_{010}^{(22)}m_{020}^{(00)}m_{300}^{(22)}\\
&+2m_{010}^{(21)}m_{010}^{(22)}m_{020}^{(00)}m_{201}^{(20)} - m_{010}^{(21)}m_{010}^{(22)}m_{020}^{(00)}m_{102}^{(00)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{300}^{(21)}\\
&+2m_{010}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{210}^{(20)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{201}^{(10)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{111}^{(00)}\\
&-2m_{010}^{(21)}m_{001}^{(00)}m_{200}^{(21)}m_{120}^{(22)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{200}^{(21)}m_{111}^{(21)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{200}^{(21)}m_{021}^{(20)}\\
&-2m_{010}^{(21)}m_{001}^{(00)}m_{200}^{(21)}m_{012}^{(10)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{120}^{(22)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{111}^{(21)}\\
&-2m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{021}^{(20)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{012}^{(10)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(10)}m_{120}^{(22)}\\
&-2m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(10)}m_{111}^{(21)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(10)}m_{021}^{(20)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(10)}m_{012}^{(10)}\\
&+m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(22)}m_{300}^{(21)} - m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(22)}m_{210}^{(20)} - m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(22)}m_{201}^{(10)}\\
&+m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(22)}m_{111}^{(00)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(00)}m_{120}^{(22)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(00)}m_{111}^{(21)}\\
&+2m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(00)}m_{021}^{(20)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(00)}m_{012}^{(10)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{300}^{(21)}\\
&+2m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{210}^{(20)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{201}^{(10)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(00)}m_{002}^{(11)}m_{300}^{(21)} - m_{010}^{(21)}m_{001}^{(00)}m_{002}^{(11)}m_{210}^{(20)} - m_{010}^{(21)}m_{001}^{(00)}m_{002}^{(11)}m_{201}^{(10)}\\
&+m_{010}^{(21)}m_{001}^{(00)}m_{002}^{(11)}m_{111}^{(00)} + 4m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{210}^{(22)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{201}^{(21)}\\
&-6m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{111}^{(20)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{102}^{(10)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(00)}\\
&-4m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{210}^{(22)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{201}^{(21)} + 6m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(20)}\\
&-2m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{102}^{(10)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(00)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(22)}m_{300}^{(21)}\\
&+2m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(22)}m_{210}^{(20)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(22)}m_{201}^{(10)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(00)}\\
&-4m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{210}^{(22)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{201}^{(21)} + 6m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(20)}\\
&-2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{102}^{(10)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(00)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{300}^{(21)}\\
&-2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{210}^{(20)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{201}^{(10)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(00)}
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\begin{aligned}
&+4m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{210}^{(22)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{201}^{(21)} - 6m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{111}^{(20)}\\
&+2m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{102}^{(10)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{012}^{(00)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{300}^{(21)}\\
&-2m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(20)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(10)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(00)}\\
&-2m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{300}^{(21)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{210}^{(20)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{201}^{(10)}\\
&-2m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(00)} - 2m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{300}^{(22)} + 4m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{201}^{(20)}\\
&-2m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(00)} + m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(22)}m_{300}^{(21)} - m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(22)}m_{210}^{(20)}\\
&-m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(22)}m_{201}^{(10)} + m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(22)}m_{111}^{(00)} + 2m_{010}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{300}^{(22)}\\
&-4m_{010}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{201}^{(20)} + 2m_{010}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(00)} + 2m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{300}^{(22)}\\
&-4m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(20)} + 2m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(00)} - 2m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{300}^{(21)}\\
&+2m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{210}^{(20)} + 2m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{201}^{(10)} - 2m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(00)}\\
&-2m_{010}^{(21)}m_{001}^{(11)}m_{011}^{(00)}m_{300}^{(22)} + 4m_{010}^{(21)}m_{001}^{(11)}m_{011}^{(00)}m_{201}^{(20)} - 2m_{010}^{(21)}m_{001}^{(11)}m_{011}^{(00)}m_{102}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(11)}m_{002}^{(00)}m_{300}^{(21)} - m_{010}^{(21)}m_{001}^{(11)}m_{002}^{(00)}m_{210}^{(20)} - m_{010}^{(21)}m_{001}^{(11)}m_{002}^{(00)}m_{201}^{(10)}\\
&+m_{010}^{(21)}m_{001}^{(11)}m_{002}^{(00)}m_{111}^{(00)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{210}^{(21)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{120}^{(20)}\\
&+2m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{111}^{(10)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(00)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{110}^{(21)}\\
&-2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(20)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(10)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(00)}\\
&+2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{300}^{(21)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(20)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{201}^{(10)}\\
&+2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(00)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{210}^{(21)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(20)}\\
&-2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(10)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(00)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{300}^{(21)}\\
&+2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{210}^{(20)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{201}^{(10)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(00)}\\
&-2m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(21)}m_{300}^{(20)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(20)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{201}^{(10)}\\
&-2m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(00)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{210}^{(21)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(20)}\\
&+2m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{111}^{(10)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{021}^{(00)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{300}^{(21)}\\
&-2m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(20)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(10)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{300}^{(21)} - m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{210}^{(20)} - m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{201}^{(10)}\\
&+m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(00)} - 2m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{300}^{(21)} + 2m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(20)}\\
&+2m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{201}^{(10)} - 2m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(00)} + m_{010}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{300}^{(21)}\\
&-m_{010}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(20)} - m_{010}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{201}^{(10)} + m_{010}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(00)}\\
&+(m_{010}^{(22)})^2m_{200}^{(11)}m_{300}^{(21)} - (m_{010}^{(22)})^2m_{200}^{(11)}m_{210}^{(20)} - (m_{010}^{(22)})^2m_{200}^{(11)}m_{201}^{(10)}\\
&+(m_{010}^{(22)})^2m_{200}^{(11)}m_{111}^{(00)} - 2(m_{010}^{(22)})^2m_{110}^{(10)}m_{300}^{(21)} + 2(m_{010}^{(22)})^2m_{110}^{(10)}m_{210}^{(20)}\\
&+2(m_{010}^{(22)})^2m_{110}^{(10)}m_{201}^{(10)} - 2(m_{010}^{(22)})^2m_{110}^{(10)}m_{111}^{(00)} + (m_{010}^{(22)})^2m_{020}^{(00)}m_{300}^{(21)}\\
&-(m_{010}^{(22)})^2m_{020}^{(00)}m_{210}^{(20)} - (m_{010}^{(22)})^2m_{020}^{(00)}m_{201}^{(10)} + (m_{010}^{(22)})^2m_{020}^{(00)}m_{111}^{(00)}\\
&+m_{010}^{(22)}m_{001}^{(00)}m_{200}^{(11)}m_{120}^{(22)} - m_{010}^{(22)}m_{001}^{(00)}m_{200}^{(11)}m_{111}^{(21)} - m_{010}^{(22)}m_{001}^{(00)}m_{200}^{(11)}m_{021}^{(20)}\\
&+m_{010}^{(22)}m_{001}^{(00)}m_{200}^{(11)}m_{012}^{(10)} - 2m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(10)}m_{120}^{(22)} + 2m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(10)}m_{111}^{(21)}\\
&+2m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(10)}m_{021}^{(20)} - 2m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(10)}m_{012}^{(10)} + m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(00)}m_{120}^{(22)}\\
&-m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(00)}m_{111}^{(21)} - m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(00)}m_{021}^{(20)} + m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(00)}m_{012}^{(10)}\\
&-m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(22)}m_{300}^{(11)} + 2m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(22)}m_{210}^{(10)} - m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(22)}m_{120}^{(00)}\\
&+2m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(21)}m_{300}^{(11)} - 4m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(21)}m_{210}^{(10)} + 2m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(21)}m_{120}^{(00)}\\
&-m_{010}^{(22)}m_{001}^{(00)}m_{002}^{(11)}m_{300}^{(11)} + 2m_{010}^{(22)}m_{001}^{(00)}m_{002}^{(11)}m_{210}^{(10)} - m_{010}^{(22)}m_{001}^{(00)}m_{002}^{(11)}m_{120}^{(00)}
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\begin{aligned}
&-2m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(11)}m_{210}^{(22)} + m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(11)}m_{201}^{(21)} + 3m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(11)}m_{111}^{(20)}\\
&-m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(11)}m_{102}^{(10)} - m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(11)}m_{012}^{(00)} + 4m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{210}^{(22)}\\
&-2m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{201}^{(21)} - 6m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{111}^{(20)} + 2m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(10)}\\
&+2m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(00)} + 2m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(22)}m_{300}^{(11)} - 4m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(22)}m_{210}^{(10)}\\
&+2m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(22)}m_{120}^{(00)} - 2m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(21)}m_{300}^{(11)} + 4m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(21)}m_{210}^{(10)}\\
&-2m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(00)} - 2m_{010}^{(22)}m_{001}^{(10)}m_{020}^{(00)}m_{210}^{(22)} + m_{010}^{(22)}m_{001}^{(10)}m_{020}^{(00)}m_{201}^{(21)}\\
&+3m_{010}^{(22)}m_{001}^{(10)}m_{020}^{(00)}m_{111}^{(20)} - m_{010}^{(22)}m_{001}^{(10)}m_{020}^{(00)}m_{102}^{(10)} - m_{010}^{(22)}m_{001}^{(10)}m_{020}^{(00)}m_{012}^{(00)}\\
&-2m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(20)}m_{300}^{(11)} + 4m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(10)} - 2m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(00)}\\
&+2m_{010}^{(22)}m_{001}^{(10)}m_{002}^{(10)}m_{300}^{(11)} - 4m_{010}^{(22)}m_{001}^{(10)}m_{002}^{(10)}m_{210}^{(10)} + 2m_{010}^{(22)}m_{001}^{(10)}m_{002}^{(10)}m_{120}^{(00)}\\
&+m_{010}^{(22)}m_{001}^{(11)}m_{200}^{(11)}m_{300}^{(22)} - 2m_{010}^{(22)}m_{001}^{(11)}m_{200}^{(11)}m_{201}^{(20)} + m_{010}^{(22)}m_{001}^{(11)}m_{200}^{(11)}m_{102}^{(00)}\\
&-m_{010}^{(22)}m_{001}^{(11)}m_{200}^{(22)}m_{300}^{(11)} + 2m_{010}^{(22)}m_{001}^{(11)}m_{200}^{(22)}m_{210}^{(10)} - m_{010}^{(22)}m_{001}^{(11)}m_{200}^{(22)}m_{120}^{(00)}\\
&-2m_{010}^{(22)}m_{001}^{(11)}m_{110}^{(10)}m_{300}^{(22)} + 4m_{010}^{(22)}m_{001}^{(11)}m_{110}^{(10)}m_{201}^{(20)} - 2m_{010}^{(22)}m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(00)}\\
&+2m_{010}^{(22)}m_{001}^{(11)}m_{101}^{(20)}m_{300}^{(11)} - 4m_{010}^{(22)}m_{001}^{(11)}m_{101}^{(20)}m_{210}^{(10)} + 2m_{010}^{(22)}m_{001}^{(11)}m_{101}^{(20)}m_{120}^{(00)}\\
&+m_{010}^{(22)}m_{001}^{(11)}m_{020}^{(00)}m_{300}^{(22)} - 2m_{010}^{(22)}m_{001}^{(11)}m_{020}^{(00)}m_{201}^{(20)} + m_{010}^{(22)}m_{001}^{(11)}m_{020}^{(00)}m_{102}^{(00)}\\
&-m_{010}^{(22)}m_{001}^{(11)}m_{002}^{(00)}m_{300}^{(11)} + 2m_{010}^{(22)}m_{001}^{(11)}m_{002}^{(00)}m_{210}^{(10)} - m_{010}^{(22)}m_{001}^{(11)}m_{002}^{(00)}m_{120}^{(00)}\\
&+m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{210}^{(21)} - m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{120}^{(20)} - m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{111}^{(10)}\\
&+m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(00)} - 2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{210}^{(21)} + 2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{120}^{(20)}\\
&+2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(10)} - 2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(00)} - 2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(21)}m_{300}^{(11)}\\
&+4m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(10)} - 2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(00)} + 2m_{010}^{(22)}m_{001}^{(20)}m_{101}^{(11)}m_{300}^{(11)}\\
&-4m_{010}^{(22)}m_{001}^{(20)}m_{101}^{(11)}m_{210}^{(10)} + 2m_{010}^{(22)}m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(00)} + m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{210}^{(21)}\\
&-m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{120}^{(20)} - m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(10)} + m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{021}^{(00)}\\
&+2m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(20)}m_{300}^{(11)} - 4m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(10)} + 2m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(20)}m_{120}^{(00)}\\
&-2m_{010}^{(22)}m_{001}^{(20)}m_{011}^{(10)}m_{300}^{(11)} + 4m_{010}^{(22)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(10)} - 2m_{010}^{(22)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(00)}\\
&-m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{300}^{(21)} + m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{210}^{(20)} + m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{201}^{(10)}\\
&-m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(00)} + 2m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(21)}m_{300}^{(11)} - 4m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(21)}m_{210}^{(10)}\\
&+2m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(00)} + 2m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{300}^{(21)} - 2m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{210}^{(20)}\\
&-2m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(10)} + 2m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(00)} - 2m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(20)}m_{300}^{(11)}\\
&+4m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(10)} - 2m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(00)} - 2m_{010}^{(22)}m_{001}^{(21)}m_{101}^{(10)}m_{300}^{(11)}\\
&+4m_{010}^{(22)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(10)} - 2m_{010}^{(22)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(00)} - m_{010}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{300}^{(21)}\\
&+m_{010}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{210}^{(20)} + m_{010}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(10)} - m_{010}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(00)}\\
&+2m_{010}^{(22)}m_{001}^{(21)}m_{011}^{(00)}m_{300}^{(11)} - 4m_{010}^{(22)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(10)} + 2m_{010}^{(22)}m_{001}^{(21)}m_{011}^{(00)}m_{120}^{(00)}\\
&-m_{010}^{(22)}m_{001}^{(22)}m_{200}^{(11)}m_{300}^{(11)} + 2m_{010}^{(22)}m_{001}^{(22)}m_{200}^{(11)}m_{210}^{(10)} - m_{010}^{(22)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(00)}\\
&+2m_{010}^{(22)}m_{001}^{(22)}m_{110}^{(10)}m_{300}^{(11)} - 4m_{010}^{(22)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(10)} + 2m_{010}^{(22)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(00)}\\
&-m_{010}^{(22)}m_{001}^{(22)}m_{020}^{(00)}m_{300}^{(11)} + 2m_{010}^{(22)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(10)} - m_{010}^{(22)}m_{001}^{(22)}m_{020}^{(00)}m_{120}^{(00)}\\
&-(m_{001}^{(00)})^2m_{020}^{(22)}m_{120}^{(21)} + (m_{001}^{(00)})^2m_{020}^{(22)}m_{111}^{(11)} + (m_{001}^{(00)})^2m_{020}^{(22)}m_{030}^{(20)}\\
&-(m_{001}^{(00)})^2m_{020}^{(22)}m_{021}^{(10)} + 2(m_{001}^{(00)})^2m_{011}^{(21)}m_{120}^{(21)} - 2(m_{001}^{(00)})^2m_{011}^{(21)}m_{111}^{(11)}\\
&-2(m_{001}^{(00)})^2m_{011}^{(21)}m_{030}^{(20)} + 2(m_{001}^{(00)})^2m_{011}^{(21)}m_{021}^{(10)} - (m_{001}^{(00)})^2m_{002}^{(11)}m_{120}^{(21)}\\
&+(m_{001}^{(00)})^2m_{002}^{(11)}m_{111}^{(11)} + (m_{001}^{(00)})^2m_{002}^{(11)}m_{030}^{(20)} - (m_{001}^{(00)})^2m_{002}^{(11)}m_{021}^{(10)}
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&+2m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{120}^{(21)} - 2m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(11)} - 2m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{030}^{(20)}\\
&+2m_{001}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{021}^{(10)} - 2m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(21)} + 2m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(11)}\\
&+2m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{030}^{(20)} - 2m_{001}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(10)} + 2m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{210}^{(21)}\\
&-m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{201}^{(11)} - 2m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{120}^{(20)} + m_{001}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{021}^{(00)}\\
&-2m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(21)} + 2m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(11)} + 2m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{030}^{(20)}\\
&-2m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{021}^{(10)} - 4m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{210}^{(21)} + 2m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(11)}\\
&+4m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{120}^{(20)} - 2m_{001}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{021}^{(00)} + 2m_{001}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{120}^{(21)}\\
&-2m_{001}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(11)} - 2m_{001}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{030}^{(20)} + 2m_{001}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{021}^{(10)}\\
&+2m_{001}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{210}^{(21)} - m_{001}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{201}^{(11)} - 2m_{001}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{120}^{(20)}\\
&+m_{001}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{021}^{(00)} - m_{001}^{(00)}m_{001}^{(11)}m_{200}^{(22)}m_{120}^{(21)} + m_{001}^{(00)}m_{001}^{(11)}m_{200}^{(22)}m_{111}^{(11)}\\
&+m_{001}^{(00)}m_{001}^{(11)}m_{200}^{(22)}m_{030}^{(20)} - m_{001}^{(00)}m_{001}^{(11)}m_{200}^{(22)}m_{021}^{(10)} + 2m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(20)}m_{120}^{(21)}\\
&-2m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(11)} - 2m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(20)}m_{030}^{(20)} + 2m_{001}^{(00)}m_{001}^{(11)}m_{101}^{(20)}m_{021}^{(10)}\\
&-m_{001}^{(00)}m_{001}^{(11)}m_{020}^{(22)}m_{300}^{(21)} + m_{001}^{(00)}m_{001}^{(11)}m_{020}^{(22)}m_{210}^{(20)} + m_{001}^{(00)}m_{001}^{(11)}m_{020}^{(22)}m_{201}^{(10)}\\
&-m_{001}^{(00)}m_{001}^{(11)}m_{020}^{(22)}m_{111}^{(00)} + 2m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{300}^{(21)} - 2m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{210}^{(20)}\\
&-2m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{201}^{(10)} + 2m_{001}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{111}^{(00)} - m_{001}^{(00)}m_{001}^{(11)}m_{002}^{(00)}m_{120}^{(21)}\\
&+m_{001}^{(00)}m_{001}^{(11)}m_{002}^{(00)}m_{111}^{(11)} + m_{001}^{(00)}m_{001}^{(11)}m_{002}^{(00)}m_{030}^{(20)} - m_{001}^{(00)}m_{001}^{(11)}m_{002}^{(00)}m_{021}^{(10)}\\
&-m_{001}^{(00)}m_{001}^{(11)}m_{002}^{(11)}m_{300}^{(21)} + m_{001}^{(00)}m_{001}^{(11)}m_{002}^{(11)}m_{210}^{(20)} + m_{001}^{(00)}m_{001}^{(11)}m_{002}^{(11)}m_{201}^{(10)}\\
&-m_{001}^{(00)}m_{001}^{(11)}m_{002}^{(11)}m_{111}^{(00)} - 2m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(21)} + 2m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(11)}\\
&+2m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{030}^{(20)} - 2m_{001}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(10)} + 2m_{001}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(21)}\\
&-2m_{001}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(11)} - 2m_{001}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{030}^{(20)} + 2m_{001}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{021}^{(10)}\\
&+2m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{120}^{(21)} - 2m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(11)} - 2m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{030}^{(20)}\\
&+2m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{021}^{(10)} - m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(22)}m_{210}^{(11)} + 2m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(22)}m_{120}^{(10)}\\
&-m_{001}^{(00)}m_{001}^{(20)}m_{020}^{(22)}m_{030}^{(00)} - 2m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(21)} + 2m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(11)}\\
&+2m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{030}^{(20)} - 2m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{021}^{(10)} + 2m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(11)}\\
&-4m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(10)} + 2m_{001}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{030}^{(00)} - m_{001}^{(00)}m_{001}^{(20)}m_{002}^{(11)}m_{210}^{(11)}\\
&+2m_{001}^{(00)}m_{001}^{(20)}m_{002}^{(11)}m_{120}^{(10)} - m_{001}^{(00)}m_{001}^{(20)}m_{002}^{(11)}m_{030}^{(00)} + 2m_{001}^{(00)}m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(21)}\\
&-2m_{001}^{(00)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(11)} - 2m_{001}^{(00)}m_{001}^{(21)}m_{200}^{(20)}m_{030}^{(20)} + 2m_{001}^{(00)}m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(10)}\\
&-2m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(21)} + 2m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(11)} + 2m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{030}^{(20)}\\
&-2m_{001}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{021}^{(10)} - 2m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(21)} + 2m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(11)}\\
&+2m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{030}^{(20)} - 2m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(10)} + m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{300}^{(11)}\\
&-2m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{210}^{(10)} + m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{120}^{(00)} + 2m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(00)}m_{120}^{(21)}\\
&-2m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(11)} - 2m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(00)}m_{030}^{(20)} + 2m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(00)}m_{021}^{(10)}\\
&-2m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(11)} + 4m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(10)} - 2m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{120}^{(00)}\\
&+m_{001}^{(00)}m_{001}^{(21)}m_{002}^{(11)}m_{300}^{(11)} - 2m_{001}^{(00)}m_{001}^{(21)}m_{002}^{(11)}m_{210}^{(10)} + m_{001}^{(00)}m_{001}^{(21)}m_{002}^{(11)}m_{120}^{(00)}\\
&-m_{001}^{(00)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(21)} + m_{001}^{(00)}m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(11)} + m_{001}^{(00)}m_{001}^{(22)}m_{200}^{(11)}m_{030}^{(20)}\\
&-m_{001}^{(00)}m_{001}^{(22)}m_{200}^{(11)}m_{021}^{(10)} + 2m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(21)} - 2m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(11)}\\
&-2m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{030}^{(20)} + 2m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{021}^{(10)} - m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(00)}m_{120}^{(21)}\\
&+m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(11)} + m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(00)}m_{030}^{(20)} - m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(00)}m_{021}^{(10)}
\end{aligned}
$$

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\begin{aligned}
&-4(m_{001}^{(10)})^2 m_{110}^{(22)} m_{210}^{(21)} + 2(m_{001}^{(10)})^2 m_{110}^{(22)} m_{201}^{(11)} + 4(m_{001}^{(10)})^2 m_{110}^{(22)} m_{120}^{(20)} \\
&-2(m_{001}^{(10)})^2 m_{110}^{(22)} m_{021}^{(00)} + 4(m_{001}^{(10)})^2 m_{101}^{(21)} m_{210}^{(21)} - 2(m_{001}^{(10)})^2 m_{101}^{(21)} m_{201}^{(11)} \\
&-4(m_{001}^{(10)})^2 m_{101}^{(21)} m_{120}^{(20)} + 2(m_{001}^{(10)})^2 m_{101}^{(21)} m_{021}^{(00)} + 4(m_{001}^{(10)})^2 m_{011}^{(20)} m_{210}^{(21)} \\
&-2(m_{001}^{(10)})^2 m_{011}^{(20)} m_{201}^{(11)} - 4(m_{001}^{(10)})^2 m_{011}^{(20)} m_{120}^{(20)} + 2(m_{001}^{(10)})^2 m_{011}^{(20)} m_{021}^{(00)} \\
&-4(m_{001}^{(10)})^2 m_{002}^{(10)} m_{210}^{(21)} + 2(m_{001}^{(10)})^2 m_{002}^{(10)} m_{201}^{(11)} + 4(m_{001}^{(10)})^2 m_{002}^{(10)} m_{120}^{(20)} \\
&-2(m_{001}^{(10)})^2 m_{002}^{(10)} m_{021}^{(00)} + 2m_{001}^{(10)} m_{001}^{(11)} m_{200}^{(22)} m_{210}^{(21)} - m_{001}^{(10)} m_{001}^{(11)} m_{200}^{(22)} m_{201}^{(11)} \\
&-2m_{001}^{(10)} m_{001}^{(11)} m_{200}^{(22)} m_{120}^{(20)} + m_{001}^{(10)} m_{001}^{(11)} m_{200}^{(22)} m_{021}^{(00)} + 2m_{001}^{(10)} m_{001}^{(11)} m_{110}^{(22)} m_{300}^{(21)} \\
&-2m_{001}^{(10)} m_{001}^{(11)} m_{110}^{(22)} m_{210}^{(20)} - 2m_{001}^{(10)} m_{001}^{(11)} m_{110}^{(22)} m_{201}^{(10)} + 2m_{001}^{(10)} m_{001}^{(11)} m_{110}^{(22)} m_{111}^{(00)} \\
&-4m_{001}^{(10)} m_{001}^{(11)} m_{101}^{(20)} m_{210}^{(21)} + 2m_{001}^{(10)} m_{001}^{(11)} m_{101}^{(20)} m_{201}^{(11)} + 4m_{001}^{(10)} m_{001}^{(11)} m_{101}^{(20)} m_{120}^{(20)} \\
&-2m_{001}^{(10)} m_{001}^{(11)} m_{101}^{(20)} m_{021}^{(00)} - 2m_{001}^{(10)} m_{001}^{(11)} m_{101}^{(21)} m_{300}^{(21)} + 2m_{001}^{(10)} m_{001}^{(11)} m_{101}^{(21)} m_{210}^{(20)} \\
&+2m_{001}^{(10)} m_{001}^{(11)} m_{101}^{(21)} m_{201}^{(10)} - 2m_{001}^{(10)} m_{001}^{(11)} m_{101}^{(21)} m_{111}^{(00)} - 2m_{001}^{(10)} m_{001}^{(11)} m_{011}^{(20)} m_{300}^{(21)} \\
&+2m_{001}^{(10)} m_{001}^{(11)} m_{011}^{(20)} m_{210}^{(20)} + 2m_{001}^{(10)} m_{001}^{(11)} m_{011}^{(20)} m_{201}^{(10)} - 2m_{001}^{(10)} m_{001}^{(11)} m_{011}^{(20)} m_{111}^{(00)} \\
&+2m_{001}^{(10)} m_{001}^{(11)} m_{002}^{(00)} m_{210}^{(21)} - m_{001}^{(10)} m_{001}^{(11)} m_{002}^{(00)} m_{201}^{(11)} - 2m_{001}^{(10)} m_{001}^{(11)} m_{002}^{(00)} m_{120}^{(20)} \\
&+m_{001}^{(10)} m_{001}^{(11)} m_{002}^{(00)} m_{021}^{(00)} + 2m_{001}^{(10)} m_{001}^{(11)} m_{002}^{(10)} m_{300}^{(21)} - 2m_{001}^{(10)} m_{001}^{(11)} m_{002}^{(10)} m_{210}^{(20)} \\
&-2m_{001}^{(10)} m_{001}^{(11)} m_{002}^{(10)} m_{201}^{(10)} + 2m_{001}^{(10)} m_{001}^{(11)} m_{002}^{(10)} m_{111}^{(00)} + 4m_{001}^{(10)} m_{001}^{(20)} m_{110}^{(21)} m_{210}^{(21)} \\
&-2m_{001}^{(10)} m_{001}^{(20)} m_{110}^{(21)} m_{201}^{(11)} - 4m_{001}^{(10)} m_{001}^{(20)} m_{110}^{(21)} m_{120}^{(20)} + 2m_{001}^{(10)} m_{001}^{(20)} m_{110}^{(21)} m_{021}^{(00)} \\
&+2m_{001}^{(10)} m_{001}^{(20)} m_{110}^{(22)} m_{210}^{(11)} - 4m_{001}^{(10)} m_{001}^{(20)} m_{110}^{(22)} m_{120}^{(10)} + 2m_{001}^{(10)} m_{001}^{(20)} m_{110}^{(22)} m_{030}^{(00)} \\
&-4m_{001}^{(10)} m_{001}^{(20)} m_{101}^{(11)} m_{210}^{(21)} + 2m_{001}^{(10)} m_{001}^{(20)} m_{101}^{(11)} m_{201}^{(11)} + 4m_{001}^{(10)} m_{001}^{(20)} m_{101}^{(11)} m_{120}^{(20)} \\
&-2m_{001}^{(10)} m_{001}^{(20)} m_{101}^{(11)} m_{021}^{(00)} - 2m_{001}^{(10)} m_{001}^{(20)} m_{101}^{(21)} m_{210}^{(11)} + 4m_{001}^{(10)} m_{001}^{(20)} m_{101}^{(21)} m_{120}^{(10)} \\
&-2m_{001}^{(10)} m_{001}^{(20)} m_{101}^{(21)} m_{030}^{(00)} - 4m_{001}^{(10)} m_{001}^{(20)} m_{020}^{(20)} m_{210}^{(21)} + 2m_{001}^{(10)} m_{001}^{(20)} m_{020}^{(20)} m_{201}^{(11)} \\
&+4m_{001}^{(10)} m_{001}^{(20)} m_{020}^{(20)} m_{120}^{(20)} - 2m_{001}^{(10)} m_{001}^{(20)} m_{020}^{(20)} m_{021}^{(00)} + 4m_{001}^{(10)} m_{001}^{(20)} m_{011}^{(10)} m_{210}^{(21)} \\
&-2m_{001}^{(10)} m_{001}^{(20)} m_{011}^{(10)} m_{201}^{(11)} - 4m_{001}^{(10)} m_{001}^{(20)} m_{011}^{(10)} m_{120}^{(20)} + 2m_{001}^{(10)} m_{001}^{(20)} m_{011}^{(10)} m_{021}^{(00)} \\
&-2m_{001}^{(10)} m_{001}^{(20)} m_{011}^{(20)} m_{210}^{(11)} + 4m_{001}^{(10)} m_{001}^{(20)} m_{011}^{(20)} m_{120}^{(10)} - 2m_{001}^{(10)} m_{001}^{(20)} m_{011}^{(20)} m_{030}^{(00)} \\
&+2m_{001}^{(10)} m_{001}^{(20)} m_{002}^{(10)} m_{210}^{(11)} - 4m_{001}^{(10)} m_{001}^{(20)} m_{002}^{(10)} m_{120}^{(10)} + 2m_{001}^{(10)} m_{001}^{(20)} m_{002}^{(10)} m_{030}^{(00)} \\
&-4m_{001}^{(10)} m_{001}^{(21)} m_{200}^{(21)} m_{210}^{(21)} + 2m_{001}^{(10)} m_{001}^{(21)} m_{200}^{(21)} m_{201}^{(11)} + 4m_{001}^{(10)} m_{001}^{(21)} m_{200}^{(21)} m_{120}^{(20)} \\
&-2m_{001}^{(10)} m_{001}^{(21)} m_{200}^{(21)} m_{021}^{(00)} + 4m_{001}^{(10)} m_{001}^{(21)} m_{110}^{(20)} m_{210}^{(21)} - 2m_{001}^{(10)} m_{001}^{(21)} m_{110}^{(20)} m_{201}^{(11)} \\
&-4m_{001}^{(10)} m_{001}^{(21)} m_{110}^{(20)} m_{120}^{(20)} + 2m_{001}^{(10)} m_{001}^{(21)} m_{110}^{(20)} m_{021}^{(00)} - 2m_{001}^{(10)} m_{001}^{(21)} m_{110}^{(22)} m_{300}^{(11)} \\
&+4m_{001}^{(10)} m_{001}^{(21)} m_{110}^{(22)} m_{210}^{(10)} - 2m_{001}^{(10)} m_{001}^{(21)} m_{110}^{(22)} m_{120}^{(00)} + 4m_{001}^{(10)} m_{001}^{(21)} m_{101}^{(10)} m_{210}^{(21)} \\
&-2m_{001}^{(10)} m_{001}^{(21)} m_{101}^{(10)} m_{201}^{(11)} - 4m_{001}^{(10)} m_{001}^{(21)} m_{101}^{(10)} m_{120}^{(20)} + 2m_{001}^{(10)} m_{001}^{(21)} m_{101}^{(10)} m_{021}^{(00)} \\
&+2m_{001}^{(10)} m_{001}^{(21)} m_{101}^{(21)} m_{300}^{(11)} - 4m_{001}^{(10)} m_{001}^{(21)} m_{101}^{(21)} m_{210}^{(10)} + 2m_{001}^{(10)} m_{001}^{(21)} m_{101}^{(21)} m_{120}^{(00)} \\
&-4m_{001}^{(10)} m_{001}^{(21)} m_{011}^{(00)} m_{210}^{(21)} + 2m_{001}^{(10)} m_{001}^{(21)} m_{011}^{(00)} m_{201}^{(11)} + 4m_{001}^{(10)} m_{001}^{(21)} m_{011}^{(00)} m_{120}^{(20)} \\
&-2m_{001}^{(10)} m_{001}^{(21)} m_{011}^{(00)} m_{021}^{(00)} + 2m_{001}^{(10)} m_{001}^{(21)} m_{011}^{(20)} m_{300}^{(11)} - 4m_{001}^{(10)} m_{001}^{(21)} m_{011}^{(20)} m_{210}^{(10)} \\
&+2m_{001}^{(10)} m_{001}^{(21)} m_{011}^{(20)} m_{120}^{(00)} - 2m_{001}^{(10)} m_{001}^{(21)} m_{002}^{(10)} m_{300}^{(11)} + 4m_{001}^{(10)} m_{001}^{(21)} m_{002}^{(10)} m_{210}^{(10)} \\
&-2m_{001}^{(10)} m_{001}^{(21)} m_{002}^{(10)} m_{120}^{(00)} + 2m_{001}^{(10)} m_{001}^{(22)} m_{200}^{(11)} m_{210}^{(21)} - m_{001}^{(10)} m_{001}^{(22)} m_{200}^{(11)} m_{201}^{(11)} \\
&-2m_{001}^{(10)} m_{001}^{(22)} m_{200}^{(11)} m_{120}^{(20)} + m_{001}^{(10)} m_{001}^{(22)} m_{200}^{(11)} m_{021}^{(00)} - 4m_{001}^{(10)} m_{001}^{(22)} m_{110}^{(10)} m_{210}^{(21)} \\
&+2m_{001}^{(10)} m_{001}^{(22)} m_{110}^{(10)} m_{201}^{(11)} + 4m_{001}^{(10)} m_{001}^{(22)} m_{110}^{(10)} m_{120}^{(20)} - 2m_{001}^{(10)} m_{001}^{(22)} m_{110}^{(10)} m_{021}^{(00)} \\
&+2m_{001}^{(10)} m_{001}^{(22)} m_{020}^{(00)} m_{210}^{(21)} - m_{001}^{(10)} m_{001}^{(22)} m_{020}^{(00)} m_{201}^{(11)} - 2m_{001}^{(10)} m_{001}^{(22)} m_{020}^{(00)} m_{120}^{(20)} \\
&+m_{001}^{(10)} m_{001}^{(22)} m_{020}^{(00)} m_{021}^{(00)} - (m_{001}^{(11)})^2 m_{200}^{(22)} m_{300}^{(21)} + (m_{001}^{(11)})^2 m_{200}^{(22)} m_{210}^{(20)}
\end{aligned}
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\begin{aligned}
&+(m_{001}^{(11)})^2 m_{200}^{(22)} m_{201}^{(10)} - (m_{001}^{(11)})^2 m_{200}^{(22)} m_{111}^{(00)} + 2(m_{001}^{(11)})^2 m_{101}^{(20)} m_{300}^{(21)} \\
&-2(m_{001}^{(11)})^2 m_{101}^{(20)} m_{210}^{(20)} - 2(m_{001}^{(11)})^2 m_{101}^{(20)} m_{201}^{(10)} + 2(m_{001}^{(11)})^2 m_{101}^{(20)} m_{111}^{(00)} \\
&-(m_{001}^{(11)})^2 m_{002}^{(00)} m_{300}^{(21)} + (m_{001}^{(11)})^2 m_{002}^{(00)} m_{210}^{(20)} + (m_{001}^{(11)})^2 m_{002}^{(00)} m_{201}^{(10)} \\
&-(m_{001}^{(11)})^2 m_{002}^{(00)} m_{111}^{(00)} - m_{001}^{(11)} m_{001}^{(20)} m_{200}^{(22)} m_{210}^{(11)} + 2m_{001}^{(11)} m_{001}^{(20)} m_{200}^{(22)} m_{120}^{(10)} \\
&-m_{001}^{(11)} m_{001}^{(20)} m_{200}^{(22)} m_{030}^{(00)} - 2m_{001}^{(11)} m_{001}^{(20)} m_{110}^{(21)} m_{300}^{(21)} + 2m_{001}^{(11)} m_{001}^{(20)} m_{110}^{(21)} m_{210}^{(20)} \\
&+2m_{001}^{(11)} m_{001}^{(20)} m_{110}^{(21)} m_{201}^{(10)} - 2m_{001}^{(11)} m_{001}^{(20)} m_{110}^{(21)} m_{111}^{(00)} + 2m_{001}^{(11)} m_{001}^{(20)} m_{101}^{(11)} m_{300}^{(21)} \\
&-2m_{001}^{(11)} m_{001}^{(20)} m_{101}^{(11)} m_{210}^{(20)} - 2m_{001}^{(11)} m_{001}^{(20)} m_{101}^{(11)} m_{201}^{(10)} + 2m_{001}^{(11)} m_{001}^{(20)} m_{101}^{(11)} m_{111}^{(00)} \\
&+2m_{001}^{(11)} m_{001}^{(20)} m_{101}^{(20)} m_{210}^{(11)} - 4m_{001}^{(11)} m_{001}^{(20)} m_{101}^{(20)} m_{120}^{(10)} + 2m_{001}^{(11)} m_{001}^{(20)} m_{101}^{(20)} m_{030}^{(00)} \\
&+2m_{001}^{(11)} m_{001}^{(20)} m_{020}^{(20)} m_{300}^{(21)} - 2m_{001}^{(11)} m_{001}^{(20)} m_{020}^{(20)} m_{210}^{(20)} - 2m_{001}^{(11)} m_{001}^{(20)} m_{020}^{(20)} m_{201}^{(10)} \\
&+2m_{001}^{(11)} m_{001}^{(20)} m_{020}^{(20)} m_{111}^{(00)} - 2m_{001}^{(11)} m_{001}^{(20)} m_{011}^{(10)} m_{300}^{(21)} + 2m_{001}^{(11)} m_{001}^{(20)} m_{011}^{(10)} m_{210}^{(20)} \\
&+2m_{001}^{(11)} m_{001}^{(20)} m_{011}^{(10)} m_{201}^{(10)} - 2m_{001}^{(11)} m_{001}^{(20)} m_{011}^{(10)} m_{111}^{(00)} - m_{001}^{(11)} m_{001}^{(20)} m_{002}^{(00)} m_{210}^{(11)} \\
&+2m_{001}^{(11)} m_{001}^{(20)} m_{002}^{(00)} m_{120}^{(10)} - m_{001}^{(11)} m_{001}^{(20)} m_{002}^{(00)} m_{030}^{(00)} + 2m_{001}^{(11)} m_{001}^{(21)} m_{200}^{(21)} m_{300}^{(21)} \\
&-2m_{001}^{(11)} m_{001}^{(21)} m_{200}^{(20)} m_{210}^{(20)} - 2m_{001}^{(11)} m_{001}^{(21)} m_{200}^{(21)} m_{201}^{(10)} + 2m_{001}^{(11)} m_{001}^{(21)} m_{200}^{(21)} m_{111}^{(00)} \\
&+m_{001}^{(11)} m_{001}^{(21)} m_{200}^{(22)} m_{300}^{(11)} - 2m_{001}^{(11)} m_{001}^{(21)} m_{200}^{(22)} m_{210}^{(10)} + m_{001}^{(11)} m_{001}^{(21)} m_{200}^{(22)} m_{120}^{(00)} \\
&-2m_{001}^{(11)} m_{001}^{(21)} m_{110}^{(20)} m_{300}^{(21)} + 2m_{001}^{(11)} m_{001}^{(21)} m_{110}^{(20)} m_{210}^{(20)} + 2m_{001}^{(11)} m_{001}^{(21)} m_{110}^{(20)} m_{201}^{(10)} \\
&-2m_{001}^{(11)} m_{001}^{(21)} m_{110}^{(20)} m_{111}^{(00)} - 2m_{001}^{(11)} m_{001}^{(21)} m_{101}^{(10)} m_{300}^{(21)} + 2m_{001}^{(11)} m_{001}^{(21)} m_{101}^{(10)} m_{210}^{(20)} \\
&+2m_{001}^{(11)} m_{001}^{(21)} m_{101}^{(10)} m_{201}^{(10)} - 2m_{001}^{(11)} m_{001}^{(21)} m_{101}^{(10)} m_{111}^{(00)} - 2m_{001}^{(11)} m_{001}^{(21)} m_{101}^{(20)} m_{300}^{(11)} \\
&+4m_{001}^{(11)} m_{001}^{(21)} m_{101}^{(20)} m_{210}^{(10)} - 2m_{001}^{(11)} m_{001}^{(21)} m_{101}^{(20)} m_{120}^{(00)} + 2m_{001}^{(11)} m_{001}^{(21)} m_{011}^{(00)} m_{300}^{(21)} \\
&-2m_{001}^{(11)} m_{001}^{(21)} m_{011}^{(00)} m_{210}^{(20)} - 2m_{001}^{(11)} m_{001}^{(21)} m_{011}^{(00)} m_{201}^{(10)} + 2m_{001}^{(11)} m_{001}^{(21)} m_{011}^{(00)} m_{111}^{(00)} \\
&+m_{001}^{(11)} m_{001}^{(21)} m_{002}^{(00)} m_{300}^{(11)} - 2m_{001}^{(11)} m_{001}^{(21)} m_{002}^{(00)} m_{210}^{(10)} + m_{001}^{(11)} m_{001}^{(21)} m_{002}^{(00)} m_{120}^{(00)} \\
&-m_{001}^{(11)} m_{001}^{(22)} m_{200}^{(11)} m_{300}^{(21)} + m_{001}^{(11)} m_{001}^{(22)} m_{200}^{(11)} m_{210}^{(20)} + m_{001}^{(11)} m_{001}^{(22)} m_{200}^{(11)} m_{201}^{(10)} \\
&-m_{001}^{(11)} m_{001}^{(22)} m_{200}^{(11)} m_{111}^{(00)} + 2m_{001}^{(11)} m_{001}^{(22)} m_{110}^{(10)} m_{300}^{(21)} - 2m_{001}^{(11)} m_{001}^{(22)} m_{110}^{(10)} m_{210}^{(20)} \\
&-2m_{001}^{(11)} m_{001}^{(22)} m_{110}^{(10)} m_{201}^{(10)} + 2m_{001}^{(11)} m_{001}^{(22)} m_{110}^{(10)} m_{111}^{(00)} - m_{001}^{(11)} m_{001}^{(22)} m_{020}^{(00)} m_{300}^{(21)} \\
&+m_{001}^{(11)} m_{001}^{(22)} m_{020}^{(00)} m_{210}^{(20)} + m_{001}^{(11)} m_{001}^{(22)} m_{020}^{(00)} m_{201}^{(10)} - m_{001}^{(11)} m_{001}^{(22)} m_{020}^{(00)} m_{111}^{(00)} \\
&-2(m_{001}^{(20)})^2 m_{110}^{(21)} m_{210}^{(11)} + 4(m_{001}^{(20)})^2 m_{110}^{(21)} m_{120}^{(10)} - 2(m_{001}^{(20)})^2 m_{110}^{(21)} m_{030}^{(00)} \\
&+2(m_{001}^{(20)})^2 m_{101}^{(11)} m_{210}^{(11)} - 4(m_{001}^{(20)})^2 m_{101}^{(11)} m_{120}^{(10)} + 2(m_{001}^{(20)})^2 m_{101}^{(11)} m_{030}^{(00)} \\
&+2(m_{001}^{(20)})^2 m_{020}^{(20)} m_{210}^{(11)} - 4(m_{001}^{(20)})^2 m_{020}^{(20)} m_{120}^{(10)} + 2(m_{001}^{(20)})^2 m_{020}^{(20)} m_{030}^{(00)} \\
&-2(m_{001}^{(20)})^2 m_{011}^{(10)} m_{210}^{(11)} + 4(m_{001}^{(20)})^2 m_{011}^{(10)} m_{120}^{(10)} - 2(m_{001}^{(20)})^2 m_{011}^{(10)} m_{030}^{(00)} \\
&+2m_{001}^{(20)} m_{001}^{(21)} m_{200}^{(21)} m_{210}^{(11)} - 4m_{001}^{(20)} m_{001}^{(21)} m_{200}^{(21)} m_{120}^{(10)} + 2m_{001}^{(20)} m_{001}^{(21)} m_{200}^{(21)} m_{030}^{(00)} \\
&-2m_{001}^{(20)} m_{001}^{(21)} m_{110}^{(20)} m_{210}^{(11)} + 4m_{001}^{(20)} m_{001}^{(21)} m_{110}^{(20)} m_{120}^{(10)} - 2m_{001}^{(20)} m_{001}^{(21)} m_{110}^{(20)} m_{030}^{(00)} \\
&+2m_{001}^{(20)} m_{001}^{(21)} m_{110}^{(21)} m_{300}^{(11)} - 4m_{001}^{(20)} m_{001}^{(21)} m_{110}^{(21)} m_{210}^{(10)} + 2m_{001}^{(20)} m_{001}^{(21)} m_{110}^{(21)} m_{120}^{(00)} \\
&-2m_{001}^{(20)} m_{001}^{(21)} m_{101}^{(10)} m_{210}^{(11)} + 4m_{001}^{(20)} m_{001}^{(21)} m_{101}^{(10)} m_{120}^{(10)} - 2m_{001}^{(20)} m_{001}^{(21)} m_{101}^{(10)} m_{030}^{(00)} \\
&-2m_{001}^{(20)} m_{001}^{(21)} m_{101}^{(11)} m_{300}^{(11)} + 4m_{001}^{(20)} m_{001}^{(21)} m_{101}^{(11)} m_{210}^{(10)} - 2m_{001}^{(20)} m_{001}^{(21)} m_{101}^{(11)} m_{120}^{(00)} \\
&-2m_{001}^{(20)} m_{001}^{(21)} m_{020}^{(20)} m_{300}^{(11)} + 4m_{001}^{(20)} m_{001}^{(21)} m_{020}^{(20)} m_{210}^{(10)} - 2m_{001}^{(20)} m_{001}^{(21)} m_{020}^{(20)} m_{120}^{(00)} \\
&+2m_{001}^{(20)} m_{001}^{(21)} m_{011}^{(00)} m_{210}^{(11)} - 4m_{001}^{(20)} m_{001}^{(21)} m_{011}^{(00)} m_{120}^{(10)} + 2m_{001}^{(20)} m_{001}^{(21)} m_{011}^{(00)} m_{030}^{(00)} \\
&+2m_{001}^{(20)} m_{001}^{(21)} m_{011}^{(10)} m_{300}^{(11)} - 4m_{001}^{(20)} m_{001}^{(21)} m_{011}^{(10)} m_{210}^{(10)} + 2m_{001}^{(20)} m_{001}^{(21)} m_{011}^{(10)} m_{120}^{(00)} \\
&-m_{001}^{(20)} m_{001}^{(22)} m_{200}^{(11)} m_{210}^{(11)} + 2m_{001}^{(20)} m_{001}^{(22)} m_{200}^{(11)} m_{120}^{(10)} - m_{001}^{(20)} m_{001}^{(22)} m_{200}^{(11)} m_{030}^{(00)} \\
&+2m_{001}^{(20)} m_{001}^{(22)} m_{110}^{(10)} m_{210}^{(11)} - 4m_{001}^{(20)} m_{001}^{(22)} m_{110}^{(10)} m_{120}^{(10)} + 2m_{001}^{(20)} m_{001}^{(22)} m_{110}^{(10)} m_{030}^{(00)}
\end{aligned}
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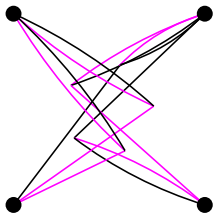
\begin{aligned}
&-m_{001}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(11)} + 2m_{001}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{120}^{(10)} - m_{001}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{030}^{(00)}\\
&-2(m_{001}^{(21)})^2m_{200}^{(21)}m_{300}^{(11)} + 4(m_{001}^{(21)})^2m_{200}^{(21)}m_{210}^{(10)} - 2(m_{001}^{(21)})^2m_{200}^{(21)}m_{120}^{(00)}\\
&+2(m_{001}^{(21)})^2m_{110}^{(20)}m_{300}^{(11)} - 4(m_{001}^{(21)})^2m_{110}^{(20)}m_{210}^{(10)} + 2(m_{001}^{(21)})^2m_{110}^{(20)}m_{120}^{(00)}\\
&+2(m_{001}^{(21)})^2m_{101}^{(10)}m_{300}^{(11)} - 4(m_{001}^{(21)})^2m_{101}^{(10)}m_{210}^{(10)} + 2(m_{001}^{(21)})^2m_{101}^{(10)}m_{120}^{(00)}\\
&-2(m_{001}^{(21)})^2m_{011}^{(00)}m_{300}^{(11)} + 4(m_{001}^{(21)})^2m_{011}^{(00)}m_{210}^{(10)} - 2(m_{001}^{(21)})^2m_{011}^{(00)}m_{120}^{(00)}\\
&+m_{001}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{300}^{(11)} - 2m_{001}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{210}^{(10)} + m_{001}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(00)}\\
&-2m_{001}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{300}^{(11)} + 4m_{001}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(10)} - 2m_{001}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(00)}\\
&+m_{001}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{300}^{(11)} - 2m_{001}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(10)} + m_{001}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{120}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccccc}
V1 & V1 & 1 & V3 & 3 \\
V2 & V2 & V3 & 3 & V4 \\
2 & 2 & 3 & V4 & 4
\end{array}
$$



$$
\begin{aligned}
T_{104} \;=\;& -m_{100}^{(00)}m_{100}^{(10)}m_{020}^{(22)}m_{021}^{(22)} + 2m_{100}^{(00)}m_{100}^{(10)}m_{020}^{(22)}m_{012}^{(21)} - m_{100}^{(00)}m_{100}^{(10)}m_{020}^{(22)}m_{003}^{(11)}\\
&+2m_{100}^{(00)}m_{100}^{(10)}m_{011}^{(21)}m_{021}^{(22)} - 4m_{100}^{(00)}m_{100}^{(10)}m_{011}^{(21)}m_{012}^{(21)} + 2m_{100}^{(00)}m_{100}^{(10)}m_{011}^{(21)}m_{003}^{(11)}\\
&-m_{100}^{(00)}m_{100}^{(10)}m_{002}^{(11)}m_{021}^{(22)} + 2m_{100}^{(00)}m_{100}^{(10)}m_{002}^{(11)}m_{012}^{(21)} - m_{100}^{(00)}m_{100}^{(10)}m_{002}^{(11)}m_{003}^{(11)}\\
&+m_{100}^{(00)}m_{100}^{(11)}m_{020}^{(22)}m_{111}^{(22)} - m_{100}^{(00)}m_{100}^{(11)}m_{020}^{(22)}m_{102}^{(21)} - m_{100}^{(00)}m_{100}^{(11)}m_{020}^{(22)}m_{012}^{(20)}\\
&+m_{100}^{(00)}m_{100}^{(11)}m_{020}^{(22)}m_{003}^{(10)} - 2m_{100}^{(00)}m_{100}^{(11)}m_{011}^{(21)}m_{111}^{(22)} + 2m_{100}^{(00)}m_{100}^{(11)}m_{011}^{(21)}m_{102}^{(21)}\\
&+2m_{100}^{(00)}m_{100}^{(11)}m_{011}^{(21)}m_{012}^{(20)} - 2m_{100}^{(00)}m_{100}^{(11)}m_{011}^{(21)}m_{003}^{(10)} + m_{100}^{(00)}m_{100}^{(11)}m_{002}^{(11)}m_{111}^{(22)}\\
&-m_{100}^{(00)}m_{100}^{(11)}m_{002}^{(11)}m_{102}^{(21)} - m_{100}^{(00)}m_{100}^{(11)}m_{002}^{(11)}m_{012}^{(20)} + m_{100}^{(00)}m_{100}^{(11)}m_{002}^{(11)}m_{003}^{(10)}\\
&+m_{100}^{(00)}m_{100}^{(20)}m_{020}^{(22)}m_{030}^{(22)} - 2m_{100}^{(00)}m_{100}^{(20)}m_{020}^{(22)}m_{021}^{(21)} + m_{100}^{(00)}m_{100}^{(20)}m_{020}^{(22)}m_{012}^{(11)}\\
&-2m_{100}^{(00)}m_{100}^{(20)}m_{011}^{(21)}m_{030}^{(22)} + 4m_{100}^{(00)}m_{100}^{(20)}m_{011}^{(21)}m_{021}^{(21)} - 2m_{100}^{(00)}m_{100}^{(20)}m_{011}^{(21)}m_{012}^{(11)}\\
&+m_{100}^{(00)}m_{100}^{(20)}m_{002}^{(11)}m_{030}^{(22)} - 2m_{100}^{(00)}m_{100}^{(20)}m_{002}^{(11)}m_{021}^{(21)} + m_{100}^{(00)}m_{100}^{(20)}m_{002}^{(11)}m_{012}^{(11)}\\
&-m_{100}^{(00)}m_{100}^{(21)}m_{020}^{(22)}m_{120}^{(22)} + m_{100}^{(00)}m_{100}^{(21)}m_{020}^{(22)}m_{102}^{(11)} + 2m_{100}^{(00)}m_{100}^{(21)}m_{020}^{(22)}m_{021}^{(20)}\\
&-2m_{100}^{(00)}m_{100}^{(21)}m_{020}^{(22)}m_{012}^{(10)} + 2m_{100}^{(00)}m_{100}^{(21)}m_{011}^{(21)}m_{120}^{(22)} - 2m_{100}^{(00)}m_{100}^{(21)}m_{011}^{(21)}m_{102}^{(11)}\\
&-4m_{100}^{(00)}m_{100}^{(21)}m_{011}^{(21)}m_{021}^{(20)} + 4m_{100}^{(00)}m_{100}^{(21)}m_{011}^{(21)}m_{012}^{(10)} - m_{100}^{(00)}m_{100}^{(21)}m_{002}^{(11)}m_{120}^{(22)}\\
&+m_{100}^{(00)}m_{100}^{(21)}m_{002}^{(11)}m_{102}^{(11)} + 2m_{100}^{(00)}m_{100}^{(21)}m_{002}^{(11)}m_{021}^{(20)} - 2m_{100}^{(00)}m_{100}^{(21)}m_{002}^{(11)}m_{012}^{(10)}\\
&+m_{100}^{(00)}m_{100}^{(22)}m_{020}^{(22)}m_{120}^{(21)} - m_{100}^{(00)}m_{100}^{(22)}m_{020}^{(22)}m_{111}^{(11)} - m_{100}^{(00)}m_{100}^{(22)}m_{020}^{(22)}m_{030}^{(20)}
\end{aligned}
$$

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\begin{aligned}
&+m_{100}^{(00)}m_{100}^{(22)}m_{020}^{(22)}m_{021}^{(10)} - 2m_{100}^{(00)}m_{100}^{(22)}m_{011}^{(21)}m_{120}^{(21)} + 2m_{100}^{(00)}m_{100}^{(22)}m_{011}^{(21)}m_{111}^{(11)}\\
&+2m_{100}^{(00)}m_{100}^{(22)}m_{011}^{(21)}m_{030}^{(20)} - 2m_{100}^{(00)}m_{100}^{(22)}m_{011}^{(21)}m_{021}^{(10)} + m_{100}^{(00)}m_{100}^{(22)}m_{002}^{(11)}m_{120}^{(21)}\\
&-m_{100}^{(00)}m_{100}^{(22)}m_{002}^{(11)}m_{111}^{(11)} - m_{100}^{(00)}m_{100}^{(22)}m_{002}^{(11)}m_{030}^{(20)} + m_{100}^{(00)}m_{100}^{(22)}m_{002}^{(11)}m_{021}^{(10)}\\
&+m_{100}^{(00)}m_{010}^{(00)}m_{020}^{(22)}m_{021}^{(22)} - 2m_{100}^{(00)}m_{010}^{(00)}m_{020}^{(22)}m_{012}^{(21)} + m_{100}^{(00)}m_{010}^{(00)}m_{020}^{(22)}m_{003}^{(11)}\\
&-2m_{100}^{(00)}m_{010}^{(00)}m_{011}^{(21)}m_{021}^{(22)} + 4m_{100}^{(00)}m_{010}^{(00)}m_{011}^{(21)}m_{012}^{(21)} - 2m_{100}^{(00)}m_{010}^{(00)}m_{011}^{(21)}m_{003}^{(11)}\\
&+m_{100}^{(00)}m_{010}^{(00)}m_{002}^{(11)}m_{021}^{(22)} - 2m_{100}^{(00)}m_{010}^{(00)}m_{002}^{(11)}m_{012}^{(21)} + m_{100}^{(00)}m_{010}^{(00)}m_{002}^{(11)}m_{003}^{(11)}\\
&-m_{100}^{(00)}m_{010}^{(10)}m_{020}^{(22)}m_{111}^{(22)} + m_{100}^{(00)}m_{010}^{(10)}m_{020}^{(22)}m_{102}^{(21)} + m_{100}^{(00)}m_{010}^{(10)}m_{020}^{(22)}m_{012}^{(20)}\\
&-m_{100}^{(00)}m_{010}^{(10)}m_{020}^{(22)}m_{003}^{(10)} + 2m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{111}^{(22)} - 2m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{102}^{(21)}\\
&-2m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{012}^{(20)} + 2m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{003}^{(10)} - m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(11)}m_{111}^{(22)}\\
&+m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(11)}m_{102}^{(21)} + m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(11)}m_{012}^{(20)} - m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(11)}m_{003}^{(10)}\\
&-m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(22)}m_{120}^{(22)} + 3m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(22)}m_{111}^{(21)} - 2m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(22)}m_{102}^{(11)}\\
&-m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(22)}m_{021}^{(20)} + m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(22)}m_{012}^{(10)} + 2m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{120}^{(22)}\\
&-6m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(21)} + 4m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{102}^{(11)} + 2m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{021}^{(20)}\\
&-2m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{012}^{(10)} - m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(11)}m_{120}^{(22)} + 3m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(11)}m_{111}^{(21)}\\
&-2m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(11)}m_{102}^{(11)} - m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(11)}m_{021}^{(20)} + m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(11)}m_{012}^{(10)}\\
&+m_{100}^{(00)}m_{010}^{(21)}m_{020}^{(22)}m_{210}^{(22)} - m_{100}^{(00)}m_{010}^{(21)}m_{020}^{(22)}m_{201}^{(21)} - m_{100}^{(00)}m_{010}^{(21)}m_{020}^{(22)}m_{111}^{(20)}\\
&+m_{100}^{(00)}m_{010}^{(21)}m_{020}^{(22)}m_{102}^{(10)} - 2m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{210}^{(22)} + 2m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(21)}\\
&+2m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{111}^{(20)} - 2m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{102}^{(10)} + m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(11)}m_{210}^{(22)}\\
&-m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(11)}m_{201}^{(21)} - m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(11)}m_{111}^{(20)} + m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(11)}m_{102}^{(10)}\\
&-m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(21)}m_{210}^{(21)} + m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(21)}m_{201}^{(11)} + m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(21)}m_{120}^{(20)}\\
&-m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(22)}m_{111}^{(10)} + 2m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{210}^{(21)} - 2m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{201}^{(11)}\\
&-2m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{120}^{(20)} + 2m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{111}^{(10)} - m_{100}^{(00)}m_{010}^{(22)}m_{002}^{(11)}m_{210}^{(21)}\\
&+m_{100}^{(00)}m_{010}^{(22)}m_{002}^{(11)}m_{201}^{(11)} + m_{100}^{(00)}m_{010}^{(22)}m_{002}^{(11)}m_{120}^{(20)} - m_{100}^{(00)}m_{010}^{(22)}m_{002}^{(11)}m_{111}^{(10)}\\
&-m_{100}^{(00)}m_{001}^{(00)}m_{020}^{(22)}m_{030}^{(22)} + 2m_{100}^{(00)}m_{001}^{(00)}m_{020}^{(22)}m_{021}^{(21)} - m_{100}^{(00)}m_{001}^{(00)}m_{020}^{(22)}m_{012}^{(11)}\\
&+2m_{100}^{(00)}m_{001}^{(00)}m_{011}^{(21)}m_{030}^{(22)} - 4m_{100}^{(00)}m_{001}^{(00)}m_{011}^{(21)}m_{021}^{(21)} + 2m_{100}^{(00)}m_{001}^{(00)}m_{011}^{(21)}m_{012}^{(11)}\\
&-m_{100}^{(00)}m_{001}^{(00)}m_{002}^{(11)}m_{030}^{(22)} + 2m_{100}^{(00)}m_{001}^{(00)}m_{002}^{(11)}m_{021}^{(21)} - m_{100}^{(00)}m_{001}^{(00)}m_{002}^{(11)}m_{012}^{(11)}\\
&+2m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{120}^{(22)} - 3m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{111}^{(21)} + m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{102}^{(11)}\\
&-m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{021}^{(20)} + m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{012}^{(10)} - 4m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{120}^{(22)}\\
&+6m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(21)} - 2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{102}^{(11)} + 2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{021}^{(20)}\\
&-2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{012}^{(10)} + 2m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{120}^{(22)} - 3m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{111}^{(21)}\\
&+m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{102}^{(11)} - m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{021}^{(20)} + m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{012}^{(10)}\\
&-m_{100}^{(00)}m_{001}^{(11)}m_{020}^{(22)}m_{210}^{(22)} + m_{100}^{(00)}m_{001}^{(11)}m_{020}^{(22)}m_{201}^{(21)} + m_{100}^{(00)}m_{001}^{(11)}m_{020}^{(22)}m_{111}^{(20)}\\
&-m_{100}^{(00)}m_{001}^{(11)}m_{020}^{(22)}m_{102}^{(10)} + 2m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{210}^{(22)} - 2m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{201}^{(21)}\\
&-2m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{111}^{(20)} + 2m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{102}^{(10)} - m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(11)}m_{210}^{(22)}\\
&+m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(11)}m_{201}^{(21)} + m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(11)}m_{111}^{(20)} - m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(11)}m_{102}^{(10)}\\
&-m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(22)}m_{120}^{(21)} + m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(22)}m_{111}^{(11)} + m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(22)}m_{030}^{(20)}\\
&-m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(22)}m_{021}^{(10)} + 2m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(21)} - 2m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{111}^{(11)}\\
&-2m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{030}^{(20)} + 2m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{021}^{(10)} - m_{100}^{(00)}m_{001}^{(20)}m_{002}^{(11)}m_{120}^{(21)}
\end{aligned}
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\begin{aligned}
&+m_{100}^{(00)}m_{001}^{(20)}m_{002}^{(11)}m_{111}^{(11)}+m_{100}^{(00)}m_{001}^{(20)}m_{002}^{(11)}m_{030}^{(20)}-m_{100}^{(00)}m_{001}^{(20)}m_{002}^{(11)}m_{021}^{(10)}\\
&+m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{210}^{(21)}-m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{201}^{(11)}-m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{120}^{(20)}\\
&+m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{111}^{(10)}-2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(21)}+2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{201}^{(11)}\\
&+2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{120}^{(20)}-2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{111}^{(10)}+m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(11)}m_{210}^{(21)}\\
&-m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(11)}m_{201}^{(11)}-m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(11)}m_{120}^{(20)}+m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(11)}m_{111}^{(10)}\\
&+(m_{100}^{(10)})^2m_{110}^{(22)}m_{021}^{(22)}-2(m_{100}^{(10)})^2m_{110}^{(22)}m_{012}^{(21)}+(m_{100}^{(10)})^2m_{110}^{(22)}m_{003}^{(11)}\\
&-(m_{100}^{(10)})^2m_{101}^{(21)}m_{021}^{(22)}+2(m_{100}^{(10)})^2m_{101}^{(21)}m_{012}^{(21)}-(m_{100}^{(10)})^2m_{101}^{(21)}m_{003}^{(11)}\\
&+(m_{100}^{(10)})^2m_{020}^{(22)}m_{111}^{(22)}-(m_{100}^{(10)})^2m_{020}^{(22)}m_{102}^{(21)}-(m_{100}^{(10)})^2m_{020}^{(22)}m_{012}^{(20)}\\
&+(m_{100}^{(10)})^2m_{020}^{(22)}m_{003}^{(10)}-(m_{100}^{(10)})^2m_{011}^{(20)}m_{021}^{(22)}+2(m_{100}^{(10)})^2m_{011}^{(20)}m_{012}^{(21)}\\
&-(m_{100}^{(10)})^2m_{011}^{(20)}m_{003}^{(11)}-2(m_{100}^{(10)})^2m_{011}^{(21)}m_{111}^{(22)}+2(m_{100}^{(10)})^2m_{011}^{(21)}m_{102}^{(21)}\\
&+2(m_{100}^{(10)})^2m_{011}^{(21)}m_{012}^{(20)}-2(m_{100}^{(10)})^2m_{011}^{(21)}m_{003}^{(10)}+(m_{100}^{(10)})^2m_{002}^{(10)}m_{021}^{(22)}\\
&-2(m_{100}^{(10)})^2m_{002}^{(10)}m_{012}^{(21)}+(m_{100}^{(10)})^2m_{002}^{(10)}m_{003}^{(11)}+(m_{100}^{(10)})^2m_{002}^{(11)}m_{111}^{(22)}\\
&-(m_{100}^{(10)})^2m_{002}^{(11)}m_{102}^{(21)}-(m_{100}^{(10)})^2m_{002}^{(11)}m_{012}^{(20)}+(m_{100}^{(10)})^2m_{002}^{(11)}m_{003}^{(10)}\\
&-2m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(22)}m_{111}^{(22)}+2m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(22)}m_{102}^{(21)}+2m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(22)}m_{012}^{(20)}\\
&-2m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(22)}m_{003}^{(10)}+2m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(21)}m_{111}^{(22)}-2m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(21)}m_{102}^{(21)}\\
&-2m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(21)}m_{012}^{(20)}+2m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(21)}m_{003}^{(10)}-m_{100}^{(10)}m_{100}^{(11)}m_{020}^{(22)}m_{201}^{(22)}\\
&+2m_{100}^{(10)}m_{100}^{(11)}m_{020}^{(22)}m_{102}^{(20)}-m_{100}^{(10)}m_{100}^{(11)}m_{020}^{(22)}m_{003}^{(00)}+2m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(20)}m_{111}^{(22)}\\
&-2m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(20)}m_{102}^{(21)}-2m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(20)}m_{012}^{(20)}+2m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(20)}m_{003}^{(10)}\\
&+2m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(21)}m_{201}^{(22)}-4m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(21)}m_{102}^{(20)}+2m_{100}^{(10)}m_{100}^{(11)}m_{011}^{(21)}m_{003}^{(00)}\\
&-2m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(10)}m_{111}^{(22)}+2m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(10)}m_{102}^{(21)}+2m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(10)}m_{012}^{(20)}\\
&-2m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(10)}m_{003}^{(10)}-m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(11)}m_{201}^{(22)}+2m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(11)}m_{102}^{(20)}\\
&-m_{100}^{(10)}m_{100}^{(11)}m_{002}^{(11)}m_{003}^{(00)}-m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{021}^{(22)}+2m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{012}^{(21)}\\
&-m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{003}^{(11)}-m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(22)}m_{030}^{(22)}+2m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(22)}m_{021}^{(21)}\\
&-m_{100}^{(10)}m_{100}^{(20)}m_{110}^{(22)}m_{012}^{(11)}+m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(11)}m_{021}^{(22)}-2m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(11)}m_{012}^{(21)}\\
&+m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(11)}m_{003}^{(11)}+m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{030}^{(22)}-2m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{021}^{(21)}\\
&+m_{100}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{012}^{(11)}+m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(22)}m_{021}^{(22)}-2m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(22)}m_{012}^{(21)}\\
&+m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(20)}m_{003}^{(11)}-m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(22)}m_{120}^{(22)}+m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(22)}m_{102}^{(11)}\\
&+2m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(22)}m_{021}^{(20)}-2m_{100}^{(10)}m_{100}^{(20)}m_{020}^{(22)}m_{012}^{(10)}-m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(10)}m_{021}^{(22)}\\
&+2m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(10)}m_{012}^{(21)}-m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(10)}m_{003}^{(11)}+m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(20)}m_{030}^{(22)}\\
&-2m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(20)}m_{021}^{(21)}+m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(20)}m_{012}^{(11)}+2m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{120}^{(22)}\\
&-2m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{102}^{(11)}-4m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{021}^{(20)}+4m_{100}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{012}^{(10)}\\
&-m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(10)}m_{030}^{(22)}+2m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(10)}m_{021}^{(21)}-m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(10)}m_{012}^{(11)}\\
&-m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(11)}m_{120}^{(22)}+m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(11)}m_{102}^{(11)}+2m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(11)}m_{021}^{(20)}\\
&-2m_{100}^{(10)}m_{100}^{(20)}m_{002}^{(11)}m_{012}^{(10)}+m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{111}^{(22)}-m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{102}^{(21)}\\
&-m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{012}^{(20)}+m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{003}^{(10)}+m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(22)}m_{120}^{(22)}\\
&+m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(22)}m_{111}^{(21)}-2m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(22)}m_{102}^{(11)}-3m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(22)}m_{021}^{(20)}\\
&+3m_{100}^{(10)}m_{100}^{(21)}m_{110}^{(22)}m_{012}^{(10)}-m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(11)}m_{111}^{(22)}+m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(11)}m_{102}^{(21)}\\
&+m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(11)}m_{012}^{(20)}-m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(11)}m_{003}^{(10)}-m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{120}^{(22)}
\end{aligned}
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\begin{aligned}
&-m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{111}^{(21)}+2m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{102}^{(11)}+3m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{021}^{(20)}\\
&-3m_{100}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{012}^{(10)}-m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(20)}m_{111}^{(22)}+m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(20)}m_{102}^{(21)}\\
&+m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(20)}m_{012}^{(20)}-m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(20)}m_{003}^{(10)}+m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(22)}m_{210}^{(22)}\\
&+m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(22)}m_{201}^{(21)}-3m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(22)}m_{111}^{(20)}-m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(22)}m_{102}^{(10)}\\
&+2m_{100}^{(10)}m_{100}^{(21)}m_{020}^{(22)}m_{012}^{(00)}+m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{111}^{(22)}-m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{102}^{(21)}\\
&-m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{012}^{(20)}+m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{003}^{(10)}-m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{120}^{(22)}\\
&-m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{111}^{(21)}+2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{102}^{(11)}+3m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{021}^{(20)}\\
&-3m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{012}^{(10)}-2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{210}^{(22)}-2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{201}^{(21)}\\
&+6m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{111}^{(20)}+2m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{102}^{(10)}-4m_{100}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{012}^{(00)}\\
&+m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{120}^{(22)}+m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{111}^{(21)}-2m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{102}^{(11)}\\
&-3m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{021}^{(20)}+3m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{012}^{(10)}+m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(11)}m_{210}^{(22)}\\
&+m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(11)}m_{201}^{(21)}-3m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(11)}m_{111}^{(20)}-m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(11)}m_{102}^{(10)}\\
&+2m_{100}^{(10)}m_{100}^{(21)}m_{002}^{(11)}m_{012}^{(00)}-m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{111}^{(21)}+m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{102}^{(11)}\\
&+m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{021}^{(20)}-m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{012}^{(10)}-m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(22)}m_{120}^{(21)}\\
&+m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(22)}m_{111}^{(11)}+m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(22)}m_{030}^{(20)}-m_{100}^{(10)}m_{100}^{(22)}m_{110}^{(22)}m_{021}^{(10)}\\
&+m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(11)}m_{111}^{(21)}-m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(11)}m_{102}^{(11)}-m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(11)}m_{021}^{(20)}\\
&+m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(11)}m_{012}^{(10)}+m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(21)}m_{120}^{(21)}-m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(21)}m_{111}^{(11)}\\
&-m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(21)}m_{030}^{(20)}+m_{100}^{(10)}m_{100}^{(22)}m_{101}^{(21)}m_{021}^{(10)}+m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(20)}m_{111}^{(21)}\\
&-m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(20)}m_{102}^{(11)}-m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(20)}m_{021}^{(20)}+m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(20)}m_{012}^{(10)}\\
&-m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(22)}m_{210}^{(21)}+m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(22)}m_{120}^{(20)}+m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(22)}m_{111}^{(10)}\\
&-m_{100}^{(10)}m_{100}^{(22)}m_{020}^{(22)}m_{021}^{(00)}-m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(10)}m_{111}^{(21)}+m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(10)}m_{102}^{(11)}\\
&+m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(10)}m_{021}^{(20)}-m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(10)}m_{012}^{(10)}+m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(20)}m_{120}^{(21)}\\
&-m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(20)}m_{111}^{(11)}-m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(20)}m_{030}^{(20)}+m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(20)}m_{021}^{(10)}\\
&+2m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(21)}m_{210}^{(21)}-2m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(21)}m_{120}^{(20)}-2m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(21)}m_{111}^{(10)}\\
&+2m_{100}^{(10)}m_{100}^{(22)}m_{011}^{(21)}m_{021}^{(00)}-m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(10)}m_{120}^{(21)}+m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(10)}m_{111}^{(22)}\\
&+m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(10)}m_{030}^{(20)}-m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(10)}m_{021}^{(10)}-m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(11)}m_{210}^{(21)}\\
&+m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(11)}m_{120}^{(20)}+m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(11)}m_{111}^{(10)}-m_{100}^{(10)}m_{100}^{(22)}m_{002}^{(11)}m_{021}^{(00)}\\
&-m_{100}^{(10)}m_{010}^{(00)}m_{020}^{(22)}m_{111}^{(22)}+m_{100}^{(10)}m_{010}^{(00)}m_{020}^{(22)}m_{102}^{(21)}+m_{100}^{(10)}m_{010}^{(00)}m_{020}^{(22)}m_{012}^{(20)}\\
&-m_{100}^{(10)}m_{010}^{(00)}m_{020}^{(22)}m_{003}^{(10)}+2m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{111}^{(22)}-2m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{102}^{(21)}\\
&-2m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{012}^{(20)}+2m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{003}^{(10)}-m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(11)}m_{111}^{(22)}\\
&+m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(11)}m_{102}^{(21)}+m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(11)}m_{012}^{(20)}-m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(11)}m_{003}^{(10)}\\
&-m_{100}^{(10)}m_{010}^{(10)}m_{200}^{(22)}m_{021}^{(22)}+2m_{100}^{(10)}m_{010}^{(10)}m_{200}^{(22)}m_{012}^{(21)}-m_{100}^{(10)}m_{010}^{(10)}m_{200}^{(22)}m_{003}^{(11)}\\
&+2m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(20)}m_{021}^{(22)}-4m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(20)}m_{012}^{(21)}+2m_{100}^{(10)}m_{010}^{(10)}m_{101}^{(20)}m_{003}^{(11)}\\
&+m_{100}^{(10)}m_{010}^{(10)}m_{020}^{(22)}m_{201}^{(22)}-2m_{100}^{(10)}m_{010}^{(10)}m_{020}^{(22)}m_{102}^{(20)}+m_{100}^{(10)}m_{010}^{(10)}m_{020}^{(22)}m_{003}^{(00)}\\
&-2m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(21)}m_{201}^{(22)}+4m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(21)}m_{102}^{(20)}-2m_{100}^{(10)}m_{010}^{(10)}m_{011}^{(21)}m_{003}^{(00)}\\
&-m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(00)}m_{021}^{(22)}+2m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(00)}m_{012}^{(21)}-m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(00)}m_{003}^{(11)}\\
&+m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(11)}m_{201}^{(22)}-2m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(11)}m_{102}^{(20)}+m_{100}^{(10)}m_{010}^{(10)}m_{002}^{(11)}m_{003}^{(00)}\\
&+m_{100}^{(10)}m_{010}^{(11)}m_{200}^{(22)}m_{111}^{(22)}-m_{100}^{(10)}m_{010}^{(11)}m_{200}^{(22)}m_{102}^{(21)}-m_{100}^{(10)}m_{010}^{(11)}m_{200}^{(22)}m_{012}^{(20)}
\end{aligned}
$$

$$+m_{100}^{(10)}m_{010}^{(11)}m_{200}^{(22)}m_{003}^{(10)} - 2m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{111}^{(22)} + 2m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{102}^{(21)}$$
$$+2m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{012}^{(20)} - 2m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{003}^{(10)} + m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(00)}m_{111}^{(22)}$$
$$-m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(00)}m_{102}^{(21)} - m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(00)}m_{012}^{(20)} + m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(00)}m_{003}^{(10)}$$
$$+m_{100}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{021}^{(22)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{012}^{(21)} + m_{100}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{003}^{(11)}$$
$$-m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{021}^{(22)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(21)} - m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{003}^{(11)}$$
$$+m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{120}^{(22)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{111}^{(21)} + m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{102}^{(11)}$$
$$-m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{021}^{(22)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{012}^{(21)} - m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{003}^{(11)}$$
$$-m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{120}^{(22)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(21)} - m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{102}^{(11)}$$
$$+m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(22)}m_{210}^{(22)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(22)}m_{201}^{(21)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(22)}m_{102}^{(10)}$$
$$-m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(22)}m_{012}^{(00)} + m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(00)}m_{021}^{(22)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(00)}m_{012}^{(21)}$$
$$+m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(00)}m_{003}^{(11)} - m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{120}^{(22)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(21)}$$
$$-m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{102}^{(11)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{210}^{(22)} + 4m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{201}^{(21)}$$
$$-4m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{102}^{(10)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{012}^{(00)} + m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{120}^{(22)}$$
$$-2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{111}^{(21)} + m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{102}^{(11)} + m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(11)}m_{210}^{(22)}$$
$$-2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(11)}m_{201}^{(21)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(11)}m_{102}^{(10)} - m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(11)}m_{012}^{(00)}$$
$$-m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(22)} + m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{102}^{(21)} + m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{012}^{(20)}$$
$$-m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{003}^{(10)} - m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{111}^{(21)} + m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{102}^{(11)}$$
$$+m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{021}^{(20)} - m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{012}^{(10)} + m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(22)}$$
$$-m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(21)} - m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{012}^{(20)} + m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{003}^{(10)}$$
$$-m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{210}^{(22)} + m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{201}^{(21)} + m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{111}^{(20)}$$
$$-m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{102}^{(10)} + m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(22)} - m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{102}^{(21)}$$
$$-m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{012}^{(20)} + m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{003}^{(10)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(21)}$$
$$-2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{102}^{(11)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{021}^{(20)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{012}^{(10)}$$
$$+m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{210}^{(22)} - m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{201}^{(21)} - m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(20)}$$
$$+m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{102}^{(10)} - m_{100}^{(10)}m_{010}^{(21)}m_{020}^{(22)}m_{300}^{(22)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{020}^{(22)}m_{201}^{(20)}$$
$$-m_{100}^{(10)}m_{010}^{(21)}m_{020}^{(22)}m_{102}^{(00)} - m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(00)}m_{111}^{(22)} + m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(00)}m_{102}^{(21)}$$
$$+m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(00)}m_{012}^{(20)} - m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(00)}m_{003}^{(10)} + m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(22)}$$
$$-m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(21)} - m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{111}^{(20)} + m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{102}^{(10)}$$
$$+2m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(21)}m_{300}^{(22)} - 4m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(20)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(21)}m_{102}^{(00)}$$
$$-m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(00)}m_{111}^{(21)} + m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(00)}m_{102}^{(11)} + m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(00)}m_{021}^{(20)}$$
$$-m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(00)}m_{012}^{(10)} - m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{210}^{(22)} + m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{201}^{(21)}$$
$$+m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{111}^{(20)} - m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{102}^{(10)} - m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(11)}m_{300}^{(22)}$$
$$+2m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(11)}m_{201}^{(20)} - m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(11)}m_{102}^{(00)} + m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(21)}$$
$$-m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(21)}m_{102}^{(11)} - m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(21)}m_{021}^{(20)} + m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(21)}m_{012}^{(10)}$$
$$-m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(21)} + m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{102}^{(11)} + m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{021}^{(20)}$$
$$-m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{012}^{(10)} + m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(22)}m_{210}^{(21)} - m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(22)}m_{201}^{(11)}$$
$$-m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(22)}m_{120}^{(20)} + m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(22)}m_{111}^{(10)} - m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(21)}$$
$$+m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{102}^{(11)} + m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{021}^{(20)} - m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{012}^{(10)}$$

$$
\begin{aligned}
&-m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(21)}+m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{201}^{(11)}+m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{120}^{(20)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{111}^{(10)}+m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(22)}m_{300}^{(21)}-m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(22)}m_{210}^{(20)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(22)}m_{201}^{(10)}+m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(22)}m_{111}^{(00)}+m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{111}^{(21)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{102}^{(11)}-m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{021}^{(20)}+m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{012}^{(10)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(21)}+m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{201}^{(11)}+m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{120}^{(20)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{111}^{(10)}-2m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(21)}m_{300}^{(21)}+2m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(21)}m_{210}^{(20)}\\
&+2m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(21)}m_{201}^{(10)}-2m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(21)}m_{111}^{(00)}+m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(10)}m_{210}^{(21)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(10)}m_{201}^{(11)}-m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(10)}m_{120}^{(20)}+m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(10)}m_{111}^{(10)}\\
&+m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(11)}m_{300}^{(21)}-m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(11)}m_{210}^{(20)}-m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(11)}m_{201}^{(10)}\\
&+m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(11)}m_{111}^{(00)}-m_{100}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{021}^{(22)}+2m_{100}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{003}^{(11)}+m_{100}^{(10)}m_{001}^{(00)}m_{110}^{(22)}m_{030}^{(22)}-2m_{100}^{(10)}m_{001}^{(00)}m_{110}^{(22)}m_{021}^{(21)}\\
&+m_{100}^{(10)}m_{001}^{(00)}m_{110}^{(22)}m_{012}^{(11)}+m_{100}^{(10)}m_{001}^{(00)}m_{101}^{(11)}m_{021}^{(22)}-2m_{100}^{(10)}m_{001}^{(00)}m_{101}^{(11)}m_{012}^{(21)}\\
&+m_{100}^{(10)}m_{001}^{(00)}m_{101}^{(11)}m_{003}^{(11)}-m_{100}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{030}^{(22)}+2m_{100}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{012}^{(11)}+m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(20)}m_{021}^{(22)}-2m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(20)}m_{012}^{(21)}\\
&+m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(20)}m_{003}^{(11)}+m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(22)}m_{120}^{(22)}-m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(22)}m_{111}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(22)}m_{021}^{(20)}+m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(22)}m_{012}^{(10)}-m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{021}^{(22)}\\
&+2m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(21)}-m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{003}^{(11)}-m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{030}^{(22)}\\
&+2m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(21)}-m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{012}^{(11)}-2m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{120}^{(22)}\\
&+2m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(21)}+2m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{021}^{(20)}-2m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{012}^{(10)}\\
&+m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{030}^{(22)}-2m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{021}^{(21)}+m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{012}^{(11)}\\
&+m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(11)}m_{120}^{(22)}-m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(11)}m_{111}^{(21)}-m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(11)}m_{021}^{(20)}\\
&+m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(11)}m_{012}^{(10)}+m_{100}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(22)}-2m_{100}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(21)}\\
&+m_{100}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{003}^{(11)}-m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(22)}+2m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{003}^{(11)}+m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(22)}-m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(20)}+m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{003}^{(10)}-2m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{120}^{(22)}\\
&+3m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(21)}-m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{102}^{(11)}+m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{021}^{(20)}\\
&-m_{100}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{012}^{(10)}-m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(22)}+2m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{003}^{(11)}-m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(22)}+m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{102}^{(21)}\\
&+m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{012}^{(20)}-m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{003}^{(10)}-2m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(22)}\\
&-3m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(21)}+m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{102}^{(11)}-m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(20)}\\
&+m_{100}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{012}^{(10)}-m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{111}^{(22)}+m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(21)}\\
&+m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{012}^{(20)}-m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{003}^{(10)}-2m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(22)}m_{210}^{(22)}\\
&+m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(22)}m_{201}^{(21)}+3m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(22)}m_{111}^{(20)}-m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(22)}m_{102}^{(10)}\\
&-m_{100}^{(10)}m_{001}^{(10)}m_{020}^{(22)}m_{012}^{(00)}+m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{021}^{(22)}-2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{012}^{(21)}\\
&+m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{003}^{(11)}+m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(22)}-m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{012}^{(20)}+m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{003}^{(10)}+2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(22)}\\
&-3m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(21)}+m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{102}^{(11)}-m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{021}^{(20)}\\
&+m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{012}^{(10)}+4m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{210}^{(22)}-2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(21)}
\end{aligned}
$$

$$
\begin{aligned}
&-6m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(20)}+2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{102}^{(10)}+2m_{100}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{012}^{(00)}\\
&-2m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{120}^{(22)}+3m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(21)}-m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{102}^{(11)}\\
&+m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{021}^{(20)}-m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{012}^{(10)}-2m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(11)}m_{210}^{(22)}\\
&+m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(11)}m_{201}^{(21)}+3m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(11)}m_{111}^{(20)}-m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(11)}m_{102}^{(10)}\\
&-m_{100}^{(10)}m_{001}^{(10)}m_{002}^{(11)}m_{012}^{(00)}-m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{111}^{(22)}+m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(21)}\\
&+m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{012}^{(20)}-m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{003}^{(10)}+m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(22)}\\
&-m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(21)}-m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{012}^{(20)}+m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{003}^{(10)}\\
&+m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{210}^{(22)}-m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{201}^{(21)}-m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{111}^{(20)}\\
&+m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{102}^{(10)}+m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(22)}-m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{012}^{(20)}+m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{003}^{(10)}-m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{210}^{(22)}\\
&+m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(21)}+m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(20)}-m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{102}^{(10)}\\
&+m_{100}^{(10)}m_{001}^{(11)}m_{020}^{(22)}m_{300}^{(22)}-2m_{100}^{(10)}m_{001}^{(11)}m_{020}^{(22)}m_{201}^{(20)}+m_{100}^{(10)}m_{001}^{(11)}m_{020}^{(22)}m_{102}^{(00)}\\
&-m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{111}^{(22)}+m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{102}^{(21)}+m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{012}^{(20)}\\
&-m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{003}^{(10)}-m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{210}^{(22)}+m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(21)}\\
&+m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(20)}-m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{102}^{(10)}-2m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(21)}m_{300}^{(22)}\\
&+4m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(21)}m_{201}^{(20)}-2m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(21)}m_{102}^{(00)}+m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{210}^{(22)}\\
&-m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{201}^{(21)}-m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{111}^{(20)}+m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{102}^{(10)}\\
&+m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(11)}m_{300}^{(22)}-2m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(11)}m_{201}^{(20)}+m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(11)}m_{102}^{(00)}\\
&-m_{100}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(22)}+2m_{100}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{012}^{(21)}-m_{100}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{003}^{(11)}\\
&+2m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(22)}-4m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(21)}+2m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{003}^{(11)}\\
&-m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(21)}+m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{102}^{(11)}+m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(20)}\\
&-m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{012}^{(10)}+m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{120}^{(21)}-m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{111}^{(11)}\\
&-m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{030}^{(20)}+m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{021}^{(10)}+m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{102}^{(11)}-m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{021}^{(20)}+m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{012}^{(10)}\\
&-m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(21)}+m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{111}^{(11)}+m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{030}^{(20)}\\
&-m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{021}^{(10)}-m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{021}^{(22)}+2m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{012}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{003}^{(11)}+m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(21)}-m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{102}^{(11)}\\
&-m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{021}^{(20)}+m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{012}^{(10)}+m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(22)}m_{210}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(22)}m_{120}^{(20)}-m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(22)}m_{111}^{(10)}+m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(22)}m_{021}^{(00)}\\
&-m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(21)}+m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{102}^{(11)}+m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{021}^{(20)}\\
&-m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{012}^{(10)}-m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(21)}+m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{111}^{(11)}\\
&+m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{030}^{(20)}-m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{021}^{(10)}-2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(21)}\\
&+2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(20)}+2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{111}^{(10)}-2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{021}^{(00)}\\
&+m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{120}^{(21)}-m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{111}^{(11)}-m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{030}^{(20)}\\
&+m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{021}^{(10)}+m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(11)}m_{210}^{(21)}-m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(11)}m_{120}^{(20)}\\
&-m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(11)}m_{111}^{(10)}+m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(11)}m_{021}^{(00)}+m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(22)}\\
&-m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{102}^{(21)}-m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{012}^{(20)}+m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{003}^{(10)}\\
&+m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(21)}-m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{102}^{(11)}-m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(20)}
\end{aligned}
$$

$$+m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{012}^{(10)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(22)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(21)}$$
$$+2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{012}^{(20)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{003}^{(10)} - m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(21)}$$
$$+m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{102}^{(11)} + m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{021}^{(20)} - m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{012}^{(10)}$$
$$-m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(21)} + m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{201}^{(11)} + m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{120}^{(20)}$$
$$-m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{111}^{(10)} - m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(21)} + m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{102}^{(11)}$$
$$+m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(20)} - m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{012}^{(10)} + m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(21)}$$
$$-m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{201}^{(11)} - m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(20)} + m_{100}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{111}^{(10)}$$
$$+m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(22)} - m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{102}^{(21)} - m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{012}^{(20)}$$
$$+m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{003}^{(10)} - m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(22)}m_{300}^{(21)} + m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(22)}m_{210}^{(20)}$$
$$+m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(22)}m_{201}^{(10)} - m_{100}^{(10)}m_{001}^{(21)}m_{020}^{(22)}m_{111}^{(00)} + m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(21)}$$
$$-m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{102}^{(11)} - m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{021}^{(20)} + m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{012}^{(10)}$$
$$+m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(21)} - m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{201}^{(11)} - m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{120}^{(20)}$$
$$+m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{111}^{(10)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(21)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(20)}$$
$$-2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{201}^{(10)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{111}^{(00)} - m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{210}^{(21)}$$
$$+m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{201}^{(11)} + m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{120}^{(20)} - m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{111}^{(10)}$$
$$-m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(11)}m_{300}^{(21)} + m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(11)}m_{210}^{(20)} + m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(11)}m_{201}^{(10)}$$
$$-m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(11)}m_{111}^{(00)} - m_{100}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(21)} + m_{100}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{102}^{(11)}$$
$$+m_{100}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{021}^{(20)} - m_{100}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{012}^{(10)} + 2m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(21)}$$
$$-2m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{102}^{(11)} - 2m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{021}^{(20)} + 2m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{012}^{(10)}$$
$$-m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(21)} + m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{102}^{(11)} + m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{021}^{(20)}$$
$$-m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{012}^{(10)} + (m_{100}^{(11)})^2m_{110}^{(22)}m_{201}^{(22)} - 2(m_{100}^{(11)})^2m_{110}^{(22)}m_{102}^{(20)}$$
$$+(m_{100}^{(11)})^2m_{110}^{(22)}m_{003}^{(00)} - (m_{100}^{(11)})^2m_{101}^{(21)}m_{201}^{(22)} + 2(m_{100}^{(11)})^2m_{101}^{(21)}m_{102}^{(20)}$$
$$-(m_{100}^{(11)})^2m_{101}^{(21)}m_{003}^{(00)} - (m_{100}^{(11)})^2m_{011}^{(20)}m_{201}^{(22)} + 2(m_{100}^{(11)})^2m_{011}^{(20)}m_{102}^{(20)}$$
$$-(m_{100}^{(11)})^2m_{011}^{(20)}m_{003}^{(00)} + (m_{100}^{(11)})^2m_{002}^{(10)}m_{201}^{(22)} - 2(m_{100}^{(11)})^2m_{002}^{(10)}m_{102}^{(20)}$$
$$+(m_{100}^{(11)})^2m_{002}^{(10)}m_{003}^{(00)} + m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(21)}m_{111}^{(22)} - m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(21)}m_{102}^{(21)}$$
$$-m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(21)}m_{012}^{(20)} + m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(21)}m_{003}^{(10)} + m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(22)}m_{120}^{(22)}$$
$$-m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(22)}m_{111}^{(21)} - m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(22)}m_{021}^{(20)} + m_{100}^{(11)}m_{100}^{(20)}m_{110}^{(22)}m_{012}^{(10)}$$
$$-m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(11)}m_{111}^{(22)} + m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(11)}m_{102}^{(21)} + m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(11)}m_{012}^{(20)}$$
$$-m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(11)}m_{003}^{(10)} - m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(21)}m_{120}^{(22)} + m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(21)}m_{111}^{(21)}$$
$$+m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(21)}m_{021}^{(20)} - m_{100}^{(11)}m_{100}^{(20)}m_{101}^{(21)}m_{012}^{(10)} - m_{100}^{(11)}m_{100}^{(20)}m_{020}^{(20)}m_{111}^{(22)}$$
$$+m_{100}^{(11)}m_{100}^{(20)}m_{020}^{(20)}m_{102}^{(21)} + m_{100}^{(11)}m_{100}^{(20)}m_{020}^{(20)}m_{012}^{(20)} - m_{100}^{(11)}m_{100}^{(20)}m_{020}^{(20)}m_{003}^{(10)}$$
$$+m_{100}^{(11)}m_{100}^{(20)}m_{020}^{(22)}m_{201}^{(21)} - m_{100}^{(11)}m_{100}^{(20)}m_{020}^{(22)}m_{111}^{(20)} - m_{100}^{(11)}m_{100}^{(20)}m_{020}^{(22)}m_{102}^{(10)}$$
$$+m_{100}^{(11)}m_{100}^{(20)}m_{020}^{(22)}m_{012}^{(00)} + m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(10)}m_{111}^{(22)} - m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(10)}m_{102}^{(21)}$$
$$-m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(10)}m_{012}^{(20)} + m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(10)}m_{003}^{(10)} - m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{120}^{(22)}$$
$$+m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{111}^{(21)} + m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{021}^{(20)} - m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{012}^{(10)}$$
$$-2m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(21)}m_{201}^{(21)} + 2m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(21)}m_{111}^{(20)} + 2m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(21)}m_{102}^{(10)}$$
$$-2m_{100}^{(11)}m_{100}^{(20)}m_{011}^{(21)}m_{012}^{(00)} + m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(10)}m_{120}^{(22)} - m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(10)}m_{111}^{(21)}$$
$$-m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(10)}m_{021}^{(20)} + m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(10)}m_{012}^{(10)} + m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(11)}m_{201}^{(21)}$$

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\begin{aligned}
&-m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(11)}m_{111}^{(20)} - m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(11)}m_{102}^{(10)} + m_{100}^{(11)}m_{100}^{(20)}m_{002}^{(11)}m_{012}^{(00)}\\
&-m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(21)}m_{201}^{(22)} + 2m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(21)}m_{102}^{(20)} - m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(21)}m_{003}^{(00)}\\
&-m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(22)}m_{210}^{(22)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(22)}m_{201}^{(21)} + 4m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(22)}m_{111}^{(20)}\\
&+2m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(22)}m_{102}^{(10)} - 3m_{100}^{(11)}m_{100}^{(21)}m_{110}^{(22)}m_{012}^{(00)} + m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(11)}m_{201}^{(22)}\\
&-2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(11)}m_{102}^{(20)} + m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(11)}m_{003}^{(00)} + m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(21)}m_{210}^{(22)}\\
&+2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(21)}m_{201}^{(21)} - 4m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(21)}m_{111}^{(20)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(21)}m_{102}^{(10)}\\
&+3m_{100}^{(11)}m_{100}^{(21)}m_{101}^{(21)}m_{012}^{(00)} + m_{100}^{(11)}m_{100}^{(21)}m_{020}^{(20)}m_{201}^{(22)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{020}^{(20)}m_{102}^{(20)}\\
&+m_{100}^{(11)}m_{100}^{(21)}m_{020}^{(20)}m_{003}^{(00)} - m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(10)}m_{201}^{(22)} + 2m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(10)}m_{102}^{(20)}\\
&-m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(10)}m_{003}^{(00)} + m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(20)}m_{210}^{(22)} + 2m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(20)}m_{201}^{(21)}\\
&-4m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(20)}m_{111}^{(20)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(20)}m_{102}^{(10)} + 3m_{100}^{(11)}m_{100}^{(21)}m_{011}^{(20)}m_{012}^{(00)}\\
&-m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(10)}m_{210}^{(22)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(10)}m_{201}^{(21)} + 4m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(10)}m_{111}^{(20)}\\
&+2m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(10)}m_{102}^{(10)} - 3m_{100}^{(11)}m_{100}^{(21)}m_{002}^{(10)}m_{012}^{(00)} + m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(21)}m_{201}^{(21)}\\
&-m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(21)}m_{111}^{(20)} - m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(21)}m_{102}^{(10)} + m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(21)}m_{012}^{(00)}\\
&+m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(22)}m_{210}^{(21)} - m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(22)}m_{120}^{(20)} - m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(22)}m_{111}^{(10)}\\
&+m_{100}^{(11)}m_{100}^{(22)}m_{110}^{(22)}m_{021}^{(00)} - m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(11)}m_{201}^{(21)} + m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(11)}m_{111}^{(20)}\\
&+m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(11)}m_{102}^{(10)} - m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(11)}m_{012}^{(00)} - m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(21)}m_{210}^{(21)}\\
&+m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(21)}m_{120}^{(20)} + m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(21)}m_{111}^{(10)} - m_{100}^{(11)}m_{100}^{(22)}m_{101}^{(21)}m_{021}^{(00)}\\
&-m_{100}^{(11)}m_{100}^{(22)}m_{020}^{(20)}m_{201}^{(21)} + m_{100}^{(11)}m_{100}^{(22)}m_{020}^{(20)}m_{111}^{(20)} + m_{100}^{(11)}m_{100}^{(22)}m_{020}^{(20)}m_{102}^{(10)}\\
&-m_{100}^{(11)}m_{100}^{(22)}m_{020}^{(20)}m_{012}^{(00)} + m_{100}^{(11)}m_{100}^{(22)}m_{011}^{(10)}m_{201}^{(21)} - m_{100}^{(11)}m_{100}^{(22)}m_{011}^{(10)}m_{111}^{(20)}\\
&-m_{100}^{(11)}m_{100}^{(22)}m_{011}^{(10)}m_{102}^{(10)} + m_{100}^{(11)}m_{100}^{(22)}m_{011}^{(10)}m_{012}^{(00)} - m_{100}^{(11)}m_{100}^{(22)}m_{011}^{(20)}m_{210}^{(21)}\\
&+m_{100}^{(11)}m_{100}^{(22)}m_{011}^{(20)}m_{120}^{(20)} + m_{100}^{(11)}m_{100}^{(22)}m_{011}^{(20)}m_{111}^{(10)} - m_{100}^{(11)}m_{100}^{(22)}m_{011}^{(20)}m_{021}^{(00)}\\
&+m_{100}^{(11)}m_{100}^{(22)}m_{002}^{(10)}m_{210}^{(21)} - m_{100}^{(11)}m_{100}^{(22)}m_{002}^{(10)}m_{120}^{(20)} - m_{100}^{(11)}m_{100}^{(22)}m_{002}^{(10)}m_{111}^{(10)}\\
&+m_{100}^{(11)}m_{100}^{(22)}m_{002}^{(10)}m_{021}^{(00)} + m_{100}^{(11)}m_{010}^{(10)}m_{200}^{(22)}m_{111}^{(22)} - m_{100}^{(11)}m_{010}^{(10)}m_{200}^{(22)}m_{102}^{(21)}\\
&-m_{100}^{(11)}m_{010}^{(10)}m_{200}^{(22)}m_{012}^{(20)} + m_{100}^{(11)}m_{010}^{(10)}m_{200}^{(22)}m_{003}^{(10)} - 2m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(20)}m_{111}^{(22)}\\
&+2m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(20)}m_{102}^{(21)} + 2m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(20)}m_{012}^{(20)} - 2m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(20)}m_{003}^{(10)}\\
&+m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(00)}m_{111}^{(22)} - m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(00)}m_{102}^{(21)} - m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(00)}m_{012}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(00)}m_{003}^{(10)} - m_{100}^{(11)}m_{010}^{(11)}m_{200}^{(22)}m_{201}^{(22)} + 2m_{100}^{(11)}m_{010}^{(11)}m_{200}^{(22)}m_{102}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(11)}m_{200}^{(22)}m_{003}^{(00)} + 2m_{100}^{(11)}m_{010}^{(11)}m_{101}^{(20)}m_{201}^{(22)} - 4m_{100}^{(11)}m_{010}^{(11)}m_{101}^{(20)}m_{102}^{(20)}\\
&+2m_{100}^{(11)}m_{010}^{(11)}m_{101}^{(20)}m_{003}^{(00)} - m_{100}^{(11)}m_{010}^{(11)}m_{002}^{(00)}m_{201}^{(22)} + 2m_{100}^{(11)}m_{010}^{(11)}m_{002}^{(00)}m_{102}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(11)}m_{002}^{(00)}m_{003}^{(00)} - m_{100}^{(11)}m_{010}^{(20)}m_{200}^{(21)}m_{111}^{(22)} + m_{100}^{(11)}m_{010}^{(20)}m_{200}^{(21)}m_{102}^{(21)}\\
&+m_{100}^{(11)}m_{010}^{(20)}m_{200}^{(21)}m_{012}^{(20)} - m_{100}^{(11)}m_{010}^{(20)}m_{200}^{(21)}m_{003}^{(10)} + m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(20)}m_{111}^{(22)}\\
&-m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(20)}m_{102}^{(21)} - m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(20)} + m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(20)}m_{003}^{(10)}\\
&-m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(22)}m_{210}^{(22)} + m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(22)}m_{201}^{(21)} + m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(22)}m_{111}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(22)}m_{102}^{(10)} + m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(10)}m_{111}^{(22)} - m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(10)}m_{102}^{(21)}\\
&-m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(10)}m_{012}^{(20)} + m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(10)}m_{003}^{(10)} + m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(21)}m_{210}^{(22)}\\
&-m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(21)}m_{201}^{(21)} - m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(20)} + m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(21)}m_{102}^{(10)}\\
&-m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(00)}m_{111}^{(22)} + m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(00)}m_{102}^{(21)} + m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(00)}m_{012}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(00)}m_{003}^{(10)} + m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(20)}m_{210}^{(22)} - m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(20)}m_{201}^{(21)}
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&-m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(20)} + m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(20)}m_{102}^{(10)} - m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(10)}m_{210}^{(22)}\\
&+m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(10)}m_{201}^{(21)} + m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(10)}m_{111}^{(20)} - m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(10)}m_{102}^{(10)}\\
&+m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(21)}m_{201}^{(22)} - 2m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(21)}m_{102}^{(20)} + m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(21)}m_{003}^{(00)}\\
&+m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{201}^{(21)} - m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{111}^{(20)} - m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{102}^{(10)}\\
&+m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{012}^{(00)} - m_{100}^{(11)}m_{010}^{(21)}m_{110}^{(20)}m_{201}^{(22)} + 2m_{100}^{(11)}m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(21)}m_{110}^{(20)}m_{003}^{(00)} + m_{100}^{(11)}m_{010}^{(21)}m_{110}^{(22)}m_{300}^{(22)} - 2m_{100}^{(11)}m_{010}^{(21)}m_{110}^{(22)}m_{201}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(21)}m_{110}^{(22)}m_{102}^{(00)} - m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(10)}m_{201}^{(22)} + 2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(10)}m_{102}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(10)}m_{003}^{(00)} - 2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{201}^{(21)} + 2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(20)}\\
&+2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{102}^{(10)} - 2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{012}^{(00)} - m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(21)}m_{300}^{(22)}\\
&+2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(21)}m_{201}^{(20)} - m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(21)}m_{102}^{(00)} + m_{100}^{(11)}m_{010}^{(21)}m_{011}^{(00)}m_{201}^{(22)}\\
&-2m_{100}^{(11)}m_{010}^{(21)}m_{011}^{(00)}m_{102}^{(20)} + m_{100}^{(11)}m_{010}^{(21)}m_{011}^{(00)}m_{003}^{(00)} - m_{100}^{(11)}m_{010}^{(21)}m_{011}^{(20)}m_{300}^{(22)}\\
&+2m_{100}^{(11)}m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(20)} - m_{100}^{(11)}m_{010}^{(21)}m_{011}^{(20)}m_{102}^{(00)} + m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(00)}m_{201}^{(21)}\\
&-m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(00)}m_{111}^{(20)} - m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(00)}m_{102}^{(10)} + m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(00)}m_{012}^{(00)}\\
&+m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(10)}m_{300}^{(22)} - 2m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(10)}m_{201}^{(20)} + m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(10)}m_{102}^{(00)}\\
&-m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(21)}m_{201}^{(21)} + m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(20)} + m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(21)}m_{102}^{(10)}\\
&-m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(21)}m_{012}^{(00)} + m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(20)}m_{201}^{(21)} - m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(20)}m_{102}^{(10)} + m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(20)}m_{012}^{(00)} - m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(22)}m_{300}^{(21)}\\
&+m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(22)}m_{210}^{(20)} + m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(22)}m_{201}^{(10)} - m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(22)}m_{111}^{(00)}\\
&+m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(10)}m_{201}^{(21)} - m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(20)} - m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(10)}m_{102}^{(10)}\\
&+m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(10)}m_{012}^{(00)} + m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(21)}m_{300}^{(21)} - m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(21)}m_{201}^{(10)} + m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(21)}m_{111}^{(00)} - m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(00)}m_{011}^{(21)}m_{201}\\
&+m_{100}^{(11)}m_{010}^{(22)}m_{011}^{(00)}m_{111}^{(20)} + m_{100}^{(11)}m_{010}^{(22)}m_{011}^{(00)}m_{102}^{(10)} - m_{100}^{(11)}m_{010}^{(22)}m_{011}^{(00)}m_{012}^{(00)}\\
&+m_{100}^{(11)}m_{010}^{(22)}m_{011}^{(20)}m_{300}^{(21)} - m_{100}^{(11)}m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(20)} - m_{100}^{(11)}m_{010}^{(22)}m_{011}^{(20)}m_{201}^{(10)}\\
&+m_{100}^{(11)}m_{010}^{(22)}m_{011}^{(20)}m_{111}^{(00)} - m_{100}^{(11)}m_{010}^{(22)}m_{002}^{(10)}m_{300}^{(21)} + m_{100}^{(11)}m_{010}^{(22)}m_{002}^{(10)}m_{210}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(22)}m_{002}^{(10)}m_{201}^{(10)} - m_{100}^{(11)}m_{010}^{(22)}m_{002}^{(10)}m_{111}^{(00)} + m_{100}^{(11)}m_{001}^{(00)}m_{110}^{(21)}m_{111}^{(22)}\\
&-m_{100}^{(11)}m_{001}^{(00)}m_{110}^{(21)}m_{102}^{(21)} - m_{100}^{(11)}m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(20)} + m_{100}^{(11)}m_{001}^{(00)}m_{110}^{(21)}m_{003}^{(10)}\\
&-m_{100}^{(11)}m_{001}^{(00)}m_{110}^{(22)}m_{120}^{(22)} + m_{100}^{(11)}m_{001}^{(00)}m_{110}^{(22)}m_{111}^{(21)} + m_{100}^{(11)}m_{001}^{(00)}m_{110}^{(22)}m_{021}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(00)}m_{110}^{(22)}m_{012}^{(10)} - m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(11)}m_{111}^{(22)} + m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(11)}m_{102}^{(21)}\\
&+m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(11)}m_{012}^{(20)} - m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(11)}m_{003}^{(10)} + m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(21)}m_{120}^{(22)}\\
&-m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(21)}m_{111}^{(21)} - m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(20)} + m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(21)}m_{012}^{(10)}\\
&-m_{100}^{(11)}m_{001}^{(00)}m_{020}^{(20)}m_{111}^{(22)} + m_{100}^{(11)}m_{001}^{(00)}m_{020}^{(20)}m_{102}^{(21)} + m_{100}^{(11)}m_{001}^{(00)}m_{020}^{(20)}m_{012}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(00)}m_{020}^{(20)}m_{003}^{(10)} + m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(22)} - m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(10)}m_{102}^{(21)}\\
&-m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(20)} + m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(10)}m_{003}^{(10)} + m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{120}^{(22)}\\
&-m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(21)} - m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(20)} + m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{012}^{(10)}\\
&-m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(10)}m_{120}^{(22)} + m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(10)}m_{111}^{(21)} + m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(10)}m_{021}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(10)}m_{012}^{(10)} - m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(21)}m_{111}^{(22)} + m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(21)}m_{102}^{(21)}\\
&+m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(20)} - m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(21)}m_{003}^{(10)} + m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(22)}\\
&-m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{102}^{(21)} - m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(20)} + m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{003}^{(10)}
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&-m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(21)}m_{201}^{(22)}+2m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(20)}-m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(21)}m_{003}^{(00)}\\
&+2m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(22)}m_{210}^{(22)}-m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(22)}m_{201}^{(21)}-3m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(20)}\\
&+m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(22)}m_{102}^{(10)}+m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(22)}m_{012}^{(00)}+m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(22)}\\
&-m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{102}^{(21)}-m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(20)}+m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{003}^{(10)}\\
&+m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(11)}m_{201}^{(22)}-2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(11)}m_{102}^{(20)}+m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(11)}m_{003}^{(00)}\\
&-2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{210}^{(22)}+m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{201}^{(21)}+3m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{102}^{(10)}-m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{012}^{(00)}+m_{100}^{(11)}m_{001}^{(10)}m_{020}^{(20)}m_{201}^{(22)}\\
&-2m_{100}^{(11)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(20)}+m_{100}^{(11)}m_{001}^{(10)}m_{020}^{(20)}m_{003}^{(00)}-m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(00)}m_{111}^{(22)}\\
&+m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(00)}m_{102}^{(21)}+m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(00)}m_{012}^{(20)}-m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(00)}m_{003}^{(10)}\\
&-m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(22)}+2m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(20)}-m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(10)}m_{003}^{(00)}\\
&-2m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(22)}+m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(21)}+3m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{102}^{(10)}-m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{012}^{(00)}+2m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{210}^{(22)}\\
&-m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{201}^{(21)}-3m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(20)}+m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{102}^{(10)}\\
&+m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{012}^{(00)}+m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(21)}m_{201}^{(22)}-2m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(20)}\\
&+m_{100}^{(11)}m_{001}^{(11)}m_{200}^{(21)}m_{003}^{(00)}-m_{100}^{(11)}m_{001}^{(11)}m_{110}^{(20)}m_{201}^{(22)}+2m_{100}^{(11)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(11)}m_{110}^{(20)}m_{003}^{(00)}-m_{100}^{(11)}m_{001}^{(11)}m_{110}^{(22)}m_{300}^{(22)}+2m_{100}^{(11)}m_{001}^{(11)}m_{110}^{(22)}m_{201}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(11)}m_{110}^{(22)}m_{102}^{(00)}-m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(22)}+2m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(10)}m_{003}^{(00)}+m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(21)}m_{300}^{(22)}-2m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(20)}\\
&+m_{100}^{(11)}m_{001}^{(11)}m_{101}^{(21)}m_{102}^{(00)}+m_{100}^{(11)}m_{001}^{(11)}m_{011}^{(00)}m_{201}^{(22)}-2m_{100}^{(11)}m_{001}^{(11)}m_{011}^{(00)}m_{102}^{(20)}\\
&+m_{100}^{(11)}m_{001}^{(11)}m_{011}^{(00)}m_{003}^{(00)}+m_{100}^{(11)}m_{001}^{(11)}m_{011}^{(20)}m_{300}^{(22)}-2m_{100}^{(11)}m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(20)}\\
&+m_{100}^{(11)}m_{001}^{(11)}m_{011}^{(20)}m_{102}^{(00)}-m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(10)}m_{300}^{(22)}+2m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(10)}m_{201}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(11)}m_{002}^{(10)}m_{102}^{(00)}+m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(11)}m_{111}^{(22)}-m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(11)}m_{102}^{(21)}\\
&-m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(11)}m_{012}^{(20)}+m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(11)}m_{003}^{(10)}-2m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(22)}\\
&+2m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{102}^{(21)}+2m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(20)}-2m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{003}^{(10)}\\
&+m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{201}^{(21)}-m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(20)}-m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{102}^{(10)}\\
&+m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{012}^{(00)}-m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(22)}m_{210}^{(21)}+m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(22)}m_{120}^{(20)}\\
&+m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(22)}m_{111}^{(10)}-m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(22)}m_{021}^{(00)}-m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{201}^{(21)}\\
&+m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(20)}+m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{102}^{(10)}-m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{012}^{(00)}\\
&+m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{210}^{(21)}-m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(20)}-m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{111}^{(10)}\\
&+m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{021}^{(00)}+m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(22)}-m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(00)}m_{102}^{(21)}\\
&-m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(00)}m_{012}^{(20)}+m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(00)}m_{003}^{(10)}-m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(20)}m_{201}^{(21)}\\
&+m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(20)}+m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(20)}m_{102}^{(10)}-m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(20)}m_{012}^{(00)}\\
&+m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(21)}-m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(20)}-m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{102}^{(10)}\\
&+m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{012}^{(00)}+m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(21)}-m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{111}^{(10)}+m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{021}^{(00)}-m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(10)}m_{210}^{(21)}\\
&+m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(10)}m_{120}^{(20)}+m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(10)}m_{111}^{(10)}-m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(10)}m_{021}^{(00)}\\
&-m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(11)}m_{201}^{(22)}+2m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(11)}m_{102}^{(20)}-m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(11)}m_{003}^{(00)}\\
&-m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{201}^{(21)}+m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(20)}+m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{102}^{(10)}
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&-m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{012}^{(00)} + 2m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(22)} - 4m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(20)}\\
&+2m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(10)}m_{003}^{(00)} + m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(21)} - m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{102}^{(10)} + m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{012}^{(00)} + m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(22)}m_{300}^{(21)}\\
&-m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(20)} - m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(22)}m_{201}^{(10)} + m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(22)}m_{111}^{(00)}\\
&+m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{201}^{(21)} - m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(20)} - m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{102}^{(10)}\\
&+m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{012}^{(00)} - m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{300}^{(21)} + m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(20)}\\
&+m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{201}^{(10)} - m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{111}^{(00)} - m_{100}^{(11)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(22)}\\
&+2m_{100}^{(11)}m_{001}^{(21)}m_{020}^{(00)}m_{102}^{(20)} - m_{100}^{(11)}m_{001}^{(21)}m_{020}^{(00)}m_{003}^{(00)} - m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{201}^{(21)}\\
&+m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(20)} + m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{102}^{(10)} - m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{012}^{(00)}\\
&-m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(21)} + m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(20)} + m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{201}^{(10)}\\
&-m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{111}^{(00)} + m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(10)}m_{300}^{(21)} - m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(10)}m_{210}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(10)}m_{201}^{(10)} + m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(10)}m_{111}^{(00)} + m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(11)}m_{201}^{(21)}\\
&-m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(20)} - m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(11)}m_{102}^{(10)} + m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(11)}m_{012}^{(00)}\\
&-2m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{201}^{(21)} + 2m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(20)} + 2m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{102}^{(10)}\\
&-2m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{012}^{(00)} + m_{100}^{(11)}m_{001}^{(22)}m_{020}^{(00)}m_{201}^{(21)} - m_{100}^{(11)}m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(22)}m_{020}^{(00)}m_{102}^{(10)} + m_{100}^{(11)}m_{001}^{(22)}m_{020}^{(00)}m_{012}^{(00)} + (m_{100}^{(20)})^2m_{110}^{(21)}m_{030}^{(22)}\\
&-2(m_{100}^{(20)})^2m_{110}^{(21)}m_{021}^{(21)} + (m_{100}^{(20)})^2m_{110}^{(21)}m_{012}^{(11)} - (m_{100}^{(20)})^2m_{101}^{(11)}m_{030}^{(22)}\\
&+2(m_{100}^{(20)})^2m_{101}^{(11)}m_{021}^{(21)} - (m_{100}^{(20)})^2m_{101}^{(11)}m_{012}^{(11)} - (m_{100}^{(20)})^2m_{020}^{(20)}m_{030}^{(22)}\\
&+2(m_{100}^{(20)})^2m_{020}^{(20)}m_{021}^{(21)} - (m_{100}^{(20)})^2m_{020}^{(20)}m_{012}^{(11)} + (m_{100}^{(20)})^2m_{020}^{(22)}m_{120}^{(21)}\\
&-(m_{100}^{(20)})^2m_{020}^{(22)}m_{111}^{(11)} - (m_{100}^{(20)})^2m_{020}^{(22)}m_{030}^{(20)} + (m_{100}^{(20)})^2m_{020}^{(22)}m_{021}^{(10)}\\
&+(m_{100}^{(20)})^2m_{011}^{(10)}m_{030}^{(22)} - 2(m_{100}^{(20)})^2m_{011}^{(10)}m_{021}^{(21)} + (m_{100}^{(20)})^2m_{011}^{(10)}m_{012}^{(11)}\\
&-2(m_{100}^{(20)})^2m_{011}^{(21)}m_{120}^{(21)} + 2(m_{100}^{(20)})^2m_{011}^{(21)}m_{111}^{(11)} + 2(m_{100}^{(20)})^2m_{011}^{(21)}m_{030}^{(20)}\\
&-2(m_{100}^{(20)})^2m_{011}^{(21)}m_{021}^{(10)} + (m_{100}^{(20)})^2m_{002}^{(11)}m_{120}^{(21)} - (m_{100}^{(20)})^2m_{002}^{(11)}m_{111}^{(11)}\\
&-(m_{100}^{(20)})^2m_{002}^{(11)}m_{030}^{(20)} + (m_{100}^{(20)})^2m_{002}^{(11)}m_{021}^{(10)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{120}^{(22)}\\
&+m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{111}^{(21)} + m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{102}^{(11)} + 3m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{021}^{(20)}\\
&-3m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{012}^{(10)} - m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(22)}m_{120}^{(21)} + m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(22)}m_{111}^{(11)}\\
&+m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(22)}m_{030}^{(20)} - m_{100}^{(20)}m_{100}^{(21)}m_{110}^{(22)}m_{021}^{(10)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{120}^{(22)}\\
&-m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{111}^{(21)} - m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{102}^{(11)} - 3m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{021}^{(20)}\\
&+3m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{012}^{(10)} + m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{120}^{(21)} - m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{111}^{(11)}\\
&-m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{030}^{(20)} + m_{100}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{021}^{(10)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{120}^{(22)}\\
&-m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{111}^{(21)} - m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{102}^{(11)} - 3m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{021}^{(20)}\\
&+3m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{012}^{(10)} - m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(22)}m_{210}^{(21)} - m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(22)}m_{201}^{(11)}\\
&+m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(22)}m_{120}^{(20)} + 3m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(22)}m_{111}^{(10)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{020}^{(22)}m_{021}^{(00)}\\
&-2m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{120}^{(22)} + m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{111}^{(21)} + m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{102}^{(11)}\\
&+3m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{021}^{(20)} - 3m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{012}^{(10)} + m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(20)}m_{120}^{(21)}\\
&-m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(20)}m_{111}^{(11)} - m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(20)}m_{030}^{(20)} + m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(20)}m_{021}^{(10)}\\
&+2m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(21)}m_{210}^{(21)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(21)}m_{201}^{(11)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(21)}m_{120}^{(20)}\\
&-6m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(21)}m_{111}^{(10)} + 4m_{100}^{(20)}m_{100}^{(21)}m_{011}^{(21)}m_{021}^{(00)} - m_{100}^{(20)}m_{100}^{(21)}m_{002}^{(10)}m_{120}^{(21)}
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\begin{aligned}
&+m_{100}^{(20)}m_{100}^{(21)}m_{002}^{(10)}m_{111}^{(11)}+m_{100}^{(20)}m_{100}^{(21)}m_{002}^{(10)}m_{030}^{(20)}-m_{100}^{(20)}m_{100}^{(21)}m_{002}^{(10)}m_{021}^{(10)}\\
&-m_{100}^{(20)}m_{100}^{(21)}m_{002}^{(11)}m_{210}^{(21)}-m_{100}^{(20)}m_{100}^{(21)}m_{002}^{(11)}m_{201}^{(11)}+m_{100}^{(20)}m_{100}^{(21)}m_{002}^{(11)}m_{120}^{(20)}\\
&+3m_{100}^{(20)}m_{100}^{(21)}m_{002}^{(11)}m_{111}^{(10)}-2m_{100}^{(20)}m_{100}^{(21)}m_{002}^{(11)}m_{021}^{(00)}+2m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(21)}m_{120}^{(21)}\\
&-2m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(21)}m_{111}^{(11)}-2m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(21)}m_{030}^{(20)}+2m_{100}^{(20)}m_{100}^{(22)}m_{110}^{(21)}m_{021}^{(10)}\\
&-2m_{100}^{(20)}m_{100}^{(22)}m_{101}^{(11)}m_{120}^{(21)}+2m_{100}^{(20)}m_{100}^{(22)}m_{101}^{(11)}m_{111}^{(11)}+2m_{100}^{(20)}m_{100}^{(22)}m_{101}^{(11)}m_{030}^{(20)}\\
&-2m_{100}^{(20)}m_{100}^{(22)}m_{101}^{(11)}m_{021}^{(10)}-2m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(20)}m_{120}^{(21)}+2m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(20)}m_{111}^{(11)}\\
&+2m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(20)}m_{030}^{(20)}-2m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(20)}m_{021}^{(10)}+m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(22)}m_{210}^{(11)}\\
&-2m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(22)}m_{120}^{(10)}+m_{100}^{(20)}m_{100}^{(22)}m_{020}^{(22)}m_{030}^{(00)}+2m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(10)}m_{120}^{(21)}\\
&-2m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(10)}m_{111}^{(11)}-2m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(10)}m_{030}^{(20)}+2m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(10)}m_{021}^{(10)}\\
&-2m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(21)}m_{210}^{(11)}+4m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(21)}m_{120}^{(10)}-2m_{100}^{(20)}m_{100}^{(22)}m_{011}^{(21)}m_{030}^{(00)}\\
&+m_{100}^{(20)}m_{100}^{(22)}m_{002}^{(11)}m_{210}^{(11)}-2m_{100}^{(20)}m_{100}^{(22)}m_{002}^{(11)}m_{120}^{(10)}+m_{100}^{(20)}m_{100}^{(22)}m_{002}^{(11)}m_{030}^{(00)}\\
&+m_{100}^{(20)}m_{010}^{(00)}m_{110}^{(21)}m_{021}^{(22)}-2m_{100}^{(20)}m_{010}^{(00)}m_{110}^{(21)}m_{012}^{(21)}+m_{100}^{(20)}m_{010}^{(00)}m_{110}^{(21)}m_{003}^{(11)}\\
&-m_{100}^{(20)}m_{010}^{(00)}m_{110}^{(22)}m_{030}^{(22)}+2m_{100}^{(20)}m_{010}^{(00)}m_{110}^{(22)}m_{021}^{(21)}-m_{100}^{(20)}m_{010}^{(00)}m_{110}^{(22)}m_{012}^{(11)}\\
&-m_{100}^{(20)}m_{010}^{(00)}m_{101}^{(11)}m_{021}^{(22)}+2m_{100}^{(20)}m_{010}^{(00)}m_{101}^{(11)}m_{012}^{(21)}-m_{100}^{(20)}m_{010}^{(00)}m_{101}^{(11)}m_{003}^{(11)}\\
&+m_{100}^{(20)}m_{010}^{(00)}m_{101}^{(21)}m_{030}^{(22)}-2m_{100}^{(20)}m_{010}^{(00)}m_{101}^{(21)}m_{021}^{(21)}+m_{100}^{(20)}m_{010}^{(00)}m_{101}^{(21)}m_{012}^{(11)}\\
&-m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(20)}m_{021}^{(22)}+2m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(20)}m_{012}^{(21)}-m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(20)}m_{003}^{(11)}\\
&+m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(22)}m_{111}^{(21)}-m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(22)}m_{102}^{(11)}-m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(22)}m_{021}^{(20)}\\
&+m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(22)}m_{012}^{(10)}+m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(10)}m_{021}^{(22)}-2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(10)}m_{012}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(10)}m_{003}^{(11)}+m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(20)}m_{030}^{(22)}-2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(20)}m_{021}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(20)}m_{012}^{(11)}-2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{111}^{(21)}+2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{102}^{(11)}\\
&+2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{021}^{(20)}-2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{012}^{(10)}-m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(10)}m_{030}^{(22)}\\
&+2m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(10)}m_{021}^{(21)}-m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(10)}m_{012}^{(11)}+m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(11)}m_{111}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(11)}m_{102}^{(11)}-m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(11)}m_{021}^{(20)}+m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(11)}m_{012}^{(10)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{200}^{(22)}m_{030}^{(22)}-2m_{100}^{(20)}m_{010}^{(10)}m_{200}^{(22)}m_{021}^{(21)}+m_{100}^{(20)}m_{010}^{(10)}m_{200}^{(22)}m_{012}^{(11)}\\
&-m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{111}^{(22)}+m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{102}^{(21)}+m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{012}^{(20)}\\
&-m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{003}^{(10)}+m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{120}^{(22)}-m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{111}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{021}^{(20)}+m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{012}^{(10)}+m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(11)}m_{111}^{(22)}\\
&-m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(11)}m_{102}^{(21)}-m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(11)}m_{012}^{(20)}+m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(11)}m_{003}^{(10)}\\
&-2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(20)}m_{030}^{(22)}+4m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(20)}m_{021}^{(21)}-2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(20)}m_{012}^{(11)}\\
&-m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{120}^{(22)}+m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(21)}+m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{021}^{(20)}\\
&-m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{012}^{(10)}+m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(20)}m_{111}^{(22)}-m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(20)}m_{102}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(20)}m_{012}^{(20)}+m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(20)}m_{003}^{(10)}-m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(22)}m_{201}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(22)}m_{111}^{(20)}+m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(22)}m_{102}^{(10)}-m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(22)}m_{012}^{(00)}\\
&-m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{111}^{(22)}+m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{102}^{(21)}+m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{012}^{(20)}\\
&-m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{003}^{(10)}-m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{120}^{(22)}+m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{111}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{021}^{(20)}-m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{012}^{(10)}+2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{201}^{(21)}\\
&-2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{111}^{(20)}-2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{102}^{(10)}+2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{012}^{(00)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(00)}m_{030}^{(22)}-2m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(00)}m_{021}^{(21)}+m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(00)}m_{012}^{(11)}
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\begin{aligned}
&+m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{120}^{(22)} - m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{111}^{(21)} - m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{021}^{(20)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{012}^{(10)} - m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(11)}m_{201}^{(21)} + m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(11)}m_{111}^{(20)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(11)}m_{102}^{(10)} - m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(11)}m_{012}^{(00)} - m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(22)}m_{120}^{(22)}\\
&+m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(22)}m_{111}^{(21)} + m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(22)}m_{021}^{(20)} - m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(22)}m_{012}^{(10)}\\
&+2m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(20)}m_{120}^{(22)} - 2m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(20)}m_{111}^{(21)} - 2m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(20)}m_{021}^{(20)}\\
&+2m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(20)}m_{012}^{(10)} - m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(00)}m_{120}^{(22)} + m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(00)}m_{111}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(00)}m_{021}^{(20)} - m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(00)}m_{012}^{(10)} - m_{100}^{(20)}m_{010}^{(20)}m_{200}^{(21)}m_{030}^{(22)}\\
&+2m_{100}^{(20)}m_{010}^{(20)}m_{200}^{(21)}m_{021}^{(21)} - m_{100}^{(20)}m_{010}^{(20)}m_{200}^{(21)}m_{012}^{(11)} + m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(20)}m_{030}^{(22)}\\
&-2m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(20)}m_{021}^{(21)} + m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(11)} - m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{120}^{(22)}\\
&+3m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{111}^{(21)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{102}^{(11)} - m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{021}^{(20)}\\
&+m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{012}^{(10)} - m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(22)}m_{120}^{(21)} + m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(22)}m_{111}^{(11)}\\
&+m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(22)}m_{030}^{(20)} - m_{100}^{(20)}m_{010}^{(20)}m_{110}^{(22)}m_{021}^{(10)} + m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(10)}m_{030}^{(22)}\\
&-2m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(10)}m_{021}^{(21)} + m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(10)}m_{012}^{(11)} + m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(11)}m_{120}^{(22)}\\
&-3m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(11)}m_{111}^{(21)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(11)}m_{102}^{(11)} + m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(11)}m_{021}^{(20)}\\
&-m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(11)}m_{012}^{(10)} + m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{120}^{(21)} - m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(11)}\\
&-m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{030}^{(20)} + m_{100}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{021}^{(10)} + m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(20)}m_{120}^{(22)}\\
&-3m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(20)}m_{111}^{(21)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(20)}m_{102}^{(11)} + m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(20)}m_{021}^{(20)}\\
&-m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(20)}m_{012}^{(10)} - m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(22)}m_{210}^{(21)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(22)}m_{201}^{(11)}\\
&+m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(22)}m_{120}^{(20)} - 3m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(22)}m_{111}^{(10)} + m_{100}^{(20)}m_{010}^{(20)}m_{020}^{(22)}m_{021}^{(00)}\\
&-m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(00)}m_{030}^{(22)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(00)}m_{021}^{(21)} - m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(00)}m_{012}^{(11)}\\
&-m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{120}^{(22)} + 3m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(21)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{102}^{(11)}\\
&-m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{021}^{(20)} + m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{012}^{(10)} + m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(20)}m_{120}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(11)} - m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(20)}m_{030}^{(20)} + m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(20)}m_{021}^{(10)}\\
&+2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{210}^{(21)} - 4m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{201}^{(11)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{120}^{(20)}\\
&+6m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(10)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{021}^{(00)} - m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(10)}m_{120}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(10)}m_{111}^{(11)} + m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(10)}m_{030}^{(20)} - m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(10)}m_{021}^{(10)}\\
&-m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(11)}m_{210}^{(21)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(11)}m_{201}^{(11)} + m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(11)}m_{120}^{(20)}\\
&-3m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(11)}m_{111}^{(10)} + m_{100}^{(20)}m_{010}^{(20)}m_{002}^{(11)}m_{021}^{(00)} + m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{120}^{(22)}\\
&-m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(21)} - m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{021}^{(20)} + m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{012}^{(10)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(22)}m_{120}^{(21)} - m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(22)}m_{111}^{(11)} - m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(22)}m_{030}^{(20)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(22)}m_{021}^{(10)} - m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{120}^{(22)} + m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{021}^{(20)} - m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{012}^{(10)} + m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{210}^{(22)}\\
&-m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{201}^{(21)} - m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{111}^{(20)} + m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{102}^{(10)}\\
&-m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{120}^{(22)} + m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(21)} + m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{021}^{(20)}\\
&-m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{012}^{(10)} - m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(11)}m_{210}^{(22)} + m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(11)}m_{201}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(11)}m_{111}^{(20)} - m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(11)}m_{102}^{(10)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(21)}\\
&+2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(11)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{030}^{(20)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{021}^{(10)}\\
&-m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(20)}m_{210}^{(22)} + m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(20)}m_{201}^{(21)} + m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(20)}m_{111}^{(20)}
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\begin{aligned}
&-m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(20)}m_{102}^{(10)}+m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(22)}m_{300}^{(21)}-m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(22)}m_{210}^{(20)}\\
&-m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(22)}m_{201}^{(10)}+m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(22)}m_{111}^{(00)}+m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{120}^{(22)}\\
&-m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{111}^{(21)}-m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{021}^{(20)}+m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{012}^{(10)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{210}^{(22)}-m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(21)}-m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{111}^{(20)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{102}^{(10)}-2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{300}^{(21)}+2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{210}^{(20)}\\
&+2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(10)}-2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{111}^{(00)}+m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(00)}m_{120}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(00)}m_{111}^{(11)}-m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(00)}m_{030}^{(20)}+m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(00)}m_{021}^{(10)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(11)}m_{300}^{(21)}-m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(11)}m_{210}^{(20)}-m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(11)}m_{201}^{(10)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{002}^{(11)}m_{111}^{(00)}-m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{120}^{(21)}+m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(11)}\\
&+m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{030}^{(20)}-m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{021}^{(10)}+m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{120}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(11)}-m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{030}^{(20)}+m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{021}^{(10)}\\
&-m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{210}^{(21)}+m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(11)}+m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{120}^{(20)}\\
&-m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(10)}+m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(21)}m_{120}^{(21)}-m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(11)}\\
&-m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(10)}m_{030}^{(20)}+m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(10)}m_{021}^{(10)}+m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(11)}m_{210}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(11)}m_{201}^{(11)}-m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(11)}m_{120}^{(20)}+m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(11)}m_{111}^{(10)}\\
&+m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(20)}m_{210}^{(21)}-m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(20)}m_{201}^{(11)}-m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(20)}m_{120}^{(20)}\\
&+m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(20)}m_{111}^{(10)}-m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(22)}m_{300}^{(11)}+2m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(22)}m_{210}^{(10)}\\
&-m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(22)}m_{120}^{(00)}-m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(00)}m_{120}^{(21)}+m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(00)}m_{111}^{(11)}\\
&+m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(00)}m_{030}^{(20)}-m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(00)}m_{021}^{(10)}-m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{210}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{201}^{(11)}+m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{120}^{(20)}-m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{111}^{(10)}\\
&+2m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(21)}m_{300}^{(11)}-4m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(21)}m_{210}^{(10)}+2m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(21)}m_{120}^{(00)}\\
&-m_{100}^{(20)}m_{010}^{(22)}m_{002}^{(11)}m_{300}^{(11)}+2m_{100}^{(20)}m_{010}^{(22)}m_{002}^{(11)}m_{210}^{(10)}-m_{100}^{(20)}m_{010}^{(22)}m_{002}^{(11)}m_{120}^{(00)}\\
&-m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(22)}m_{120}^{(21)}+m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(22)}m_{111}^{(11)}+m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(22)}m_{030}^{(20)}\\
&-m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(22)}m_{021}^{(10)}+2m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{120}^{(21)}-2m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(11)}\\
&-2m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{030}^{(20)}+2m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{021}^{(10)}-m_{100}^{(20)}m_{001}^{(00)}m_{002}^{(11)}m_{120}^{(21)}\\
&+m_{100}^{(20)}m_{001}^{(00)}m_{002}^{(11)}m_{111}^{(11)}+m_{100}^{(20)}m_{001}^{(00)}m_{002}^{(11)}m_{030}^{(20)}-m_{100}^{(20)}m_{001}^{(00)}m_{002}^{(11)}m_{021}^{(10)}\\
&-m_{100}^{(20)}m_{001}^{(10)}m_{200}^{(21)}m_{030}^{(22)}+2m_{100}^{(20)}m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(21)}-m_{100}^{(20)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(11)}\\
&+m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{030}^{(22)}-2m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(21)}+m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(11)}\\
&+m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{120}^{(22)}-2m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(21)}+m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(11)}\\
&+m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{030}^{(22)}-2m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(21)}+m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{120}^{(22)}+2m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(21)}-m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{102}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{120}^{(22)}+2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{111}^{(21)}-m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(11)}\\
&+2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(22)}m_{210}^{(21)}-m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(22)}m_{201}^{(11)}-2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(22)}m_{120}^{(20)}\\
&+m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(22)}m_{021}^{(00)}-m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(00)}m_{030}^{(22)}+2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(00)}m_{021}^{(21)}\\
&-m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(00)}m_{012}^{(11)}+m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{120}^{(22)}-2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(21)}\\
&+m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(11)}-4m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{210}^{(21)}+2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(11)}\\
&+4m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{120}^{(20)}-2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{021}^{(00)}+2m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(11)}m_{210}^{(21)}\\
&-m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(11)}m_{201}^{(11)}-2m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(11)}m_{120}^{(20)}+m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(11)}m_{021}^{(00)}
\end{aligned}
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\begin{aligned}
&+m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(21)}m_{120}^{(22)} - m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(21)}m_{111}^{(21)} - m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(21)}m_{021}^{(20)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(21)}m_{012}^{(10)} - m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{120}^{(22)} + m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(21)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{021}^{(20)} - m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{012}^{(10)} - m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{210}^{(22)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{201}^{(21)} + m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{111}^{(20)} - m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{102}^{(10)}\\
&-m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{120}^{(22)} + m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(21)} + m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{021}^{(20)}\\
&-m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{012}^{(10)} + m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(11)}m_{210}^{(22)} - m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(11)}m_{201}^{(21)}\\
&-m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(11)}m_{111}^{(20)} + m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(11)}m_{102}^{(10)} + m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(20)}m_{210}^{(22)}\\
&-m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(20)}m_{201}^{(21)} - m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(20)}m_{111}^{(20)} + m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(20)}m_{102}^{(10)}\\
&-m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(22)}m_{300}^{(21)} + m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(22)}m_{210}^{(20)} + m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(22)}m_{201}^{(10)}\\
&-m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(22)}m_{111}^{(00)} + m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(00)}m_{120}^{(22)} - m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(00)}m_{111}^{(21)}\\
&-m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(00)}m_{021}^{(20)} + m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(00)}m_{012}^{(10)} - m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{210}^{(22)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(21)} + m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{111}^{(20)} - m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{102}^{(10)}\\
&+2m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(21)}m_{300}^{(21)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(21)}m_{210}^{(20)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(21)}m_{201}^{(10)}\\
&+2m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(21)}m_{111}^{(00)} - m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(11)}m_{300}^{(21)} + m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(11)}m_{210}^{(20)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(11)}m_{201}^{(10)} - m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(11)}m_{111}^{(00)} + m_{100}^{(20)}m_{001}^{(20)}m_{200}^{(11)}m_{030}^{(22)}\\
&-2m_{100}^{(20)}m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(21)} + m_{100}^{(20)}m_{001}^{(20)}m_{200}^{(11)}m_{012}^{(11)} - 2m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{030}^{(22)}\\
&+4m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(21)} - 2m_{100}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(11)} + m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(00)}m_{030}^{(22)}\\
&-2m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(00)}m_{021}^{(21)} + m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(00)}m_{012}^{(11)} - m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(22)}m_{210}^{(11)}\\
&+2m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(22)}m_{120}^{(10)} - m_{100}^{(20)}m_{001}^{(20)}m_{020}^{(22)}m_{030}^{(00)} + 2m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(11)}\\
&-4m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(10)} + 2m_{100}^{(20)}m_{001}^{(20)}m_{011}^{(21)}m_{030}^{(00)} - m_{100}^{(20)}m_{001}^{(20)}m_{002}^{(11)}m_{210}^{(11)}\\
&+2m_{100}^{(20)}m_{001}^{(20)}m_{002}^{(11)}m_{120}^{(10)} - m_{100}^{(20)}m_{001}^{(20)}m_{002}^{(11)}m_{030}^{(00)} - m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{120}^{(22)}\\
&+m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(21)} + m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{021}^{(20)} - m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{012}^{(10)}\\
&-m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(21)} + m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(11)} + m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{030}^{(20)}\\
&-m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(10)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{120}^{(22)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(21)}\\
&-2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{021}^{(20)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{012}^{(10)} + m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(21)}\\
&-m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(11)} - m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{030}^{(20)} + m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{021}^{(10)}\\
&+m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(21)} - m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(11)} - m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{120}^{(20)}\\
&+m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(10)} + m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(21)} - m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{030}^{(20)} + m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(10)} - m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(21)}\\
&+m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(11)} + m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{120}^{(20)} - m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{111}^{(10)}\\
&-m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{120}^{(22)} + m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(21)} + m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{021}^{(20)}\\
&-m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{012}^{(10)} - m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(21)} + m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(11)}\\
&+m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{120}^{(20)} - m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{111}^{(10)} + m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(22)}m_{300}^{(11)}\\
&-2m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(22)}m_{210}^{(10)} + m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(22)}m_{120}^{(00)} - m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{120}^{(21)}\\
&+m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(11)} + m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{030}^{(20)} - m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{021}^{(10)}\\
&+m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(21)} - m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(11)} - m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{120}^{(20)}\\
&+m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(10)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(11)} + 4m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(10)}\\
&-2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(21)}m_{120}^{(00)} + m_{100}^{(20)}m_{001}^{(21)}m_{002}^{(11)}m_{300}^{(11)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{002}^{(11)}m_{210}^{(10)}
\end{aligned}
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\begin{aligned}
&+m_{100}^{(20)}m_{001}^{(21)}m_{002}^{(11)}m_{120}^{(00)}+m_{100}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(21)}-m_{100}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{030}^{(20)}+m_{100}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{021}^{(10)}-2m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(21)}\\
&+2m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(11)}+2m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{030}^{(20)}-2m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{021}^{(10)}\\
&+m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{120}^{(21)}-m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(11)}-m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{030}^{(20)}\\
&+m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{021}^{(10)}+(m_{100}^{(21)})^2m_{110}^{(21)}m_{210}^{(22)}+(m_{100}^{(21)})^2m_{110}^{(21)}m_{201}^{(21)}\\
&-3(m_{100}^{(21)})^2m_{110}^{(21)}m_{111}^{(20)}-(m_{100}^{(21)})^2m_{110}^{(21)}m_{102}^{(10)}+2(m_{100}^{(21)})^2m_{110}^{(21)}m_{012}^{(00)}\\
&+(m_{100}^{(21)})^2m_{110}^{(22)}m_{210}^{(21)}+(m_{100}^{(21)})^2m_{110}^{(22)}m_{201}^{(11)}-(m_{100}^{(21)})^2m_{110}^{(22)}m_{120}^{(20)}\\
&-3(m_{100}^{(21)})^2m_{110}^{(22)}m_{111}^{(10)}+2(m_{100}^{(21)})^2m_{110}^{(22)}m_{021}^{(00)}-(m_{100}^{(21)})^2m_{101}^{(11)}m_{210}^{(22)}\\
&-(m_{100}^{(21)})^2m_{101}^{(11)}m_{201}^{(21)}+3(m_{100}^{(21)})^2m_{101}^{(11)}m_{111}^{(20)}+(m_{100}^{(21)})^2m_{101}^{(11)}m_{102}^{(10)}\\
&-2(m_{100}^{(21)})^2m_{101}^{(11)}m_{012}^{(00)}-(m_{100}^{(21)})^2m_{101}^{(21)}m_{210}^{(21)}-(m_{100}^{(21)})^2m_{101}^{(21)}m_{201}^{(11)}\\
&+(m_{100}^{(21)})^2m_{101}^{(21)}m_{120}^{(20)}+3(m_{100}^{(21)})^2m_{101}^{(21)}m_{111}^{(10)}-2(m_{100}^{(21)})^2m_{101}^{(21)}m_{021}^{(00)}\\
&-(m_{100}^{(21)})^2m_{020}^{(20)}m_{210}^{(22)}-(m_{100}^{(21)})^2m_{020}^{(20)}m_{201}^{(21)}+3(m_{100}^{(21)})^2m_{020}^{(20)}m_{111}^{(20)}\\
&+(m_{100}^{(21)})^2m_{020}^{(20)}m_{102}^{(10)}-2(m_{100}^{(21)})^2m_{020}^{(20)}m_{012}^{(00)}+(m_{100}^{(21)})^2m_{011}^{(10)}m_{210}^{(22)}\\
&+(m_{100}^{(21)})^2m_{011}^{(10)}m_{201}^{(21)}-3(m_{100}^{(21)})^2m_{011}^{(10)}m_{111}^{(20)}-(m_{100}^{(21)})^2m_{011}^{(10)}m_{102}^{(10)}\\
&+2(m_{100}^{(21)})^2m_{011}^{(10)}m_{012}^{(00)}-(m_{100}^{(21)})^2m_{011}^{(20)}m_{210}^{(21)}-(m_{100}^{(21)})^2m_{011}^{(20)}m_{201}^{(11)}\\
&+(m_{100}^{(21)})^2m_{011}^{(20)}m_{120}^{(20)}+3(m_{100}^{(21)})^2m_{011}^{(20)}m_{111}^{(10)}-2(m_{100}^{(21)})^2m_{011}^{(20)}m_{021}^{(00)}\\
&+(m_{100}^{(21)})^2m_{002}^{(10)}m_{210}^{(21)}+(m_{100}^{(21)})^2m_{002}^{(10)}m_{201}^{(11)}-(m_{100}^{(21)})^2m_{002}^{(10)}m_{120}^{(20)}\\
&-3(m_{100}^{(21)})^2m_{002}^{(10)}m_{111}^{(10)}+2(m_{100}^{(21)})^2m_{002}^{(10)}m_{021}^{(00)}-2m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(21)}m_{210}^{(21)}\\
&-m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(21)}m_{201}^{(11)}+2m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(21)}m_{120}^{(20)}+4m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(21)}m_{111}^{(10)}\\
&-3m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(21)}m_{021}^{(00)}-m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(22)}m_{210}^{(11)}+2m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(22)}m_{120}^{(10)}\\
&-m_{100}^{(21)}m_{100}^{(22)}m_{110}^{(22)}m_{030}^{(00)}+2m_{100}^{(21)}m_{100}^{(22)}m_{101}^{(11)}m_{210}^{(21)}+m_{100}^{(21)}m_{100}^{(22)}m_{101}^{(11)}m_{201}^{(11)}\\
&-2m_{100}^{(21)}m_{100}^{(22)}m_{101}^{(11)}m_{120}^{(20)}-4m_{100}^{(21)}m_{100}^{(22)}m_{101}^{(11)}m_{111}^{(10)}+3m_{100}^{(21)}m_{100}^{(22)}m_{101}^{(11)}m_{021}^{(00)}\\
&+m_{100}^{(21)}m_{100}^{(22)}m_{101}^{(21)}m_{210}^{(11)}-2m_{100}^{(21)}m_{100}^{(22)}m_{101}^{(21)}m_{120}^{(10)}+m_{100}^{(21)}m_{100}^{(22)}m_{101}^{(21)}m_{030}^{(00)}\\
&+2m_{100}^{(21)}m_{100}^{(22)}m_{020}^{(20)}m_{210}^{(21)}+m_{100}^{(21)}m_{100}^{(22)}m_{020}^{(20)}m_{201}^{(11)}-2m_{100}^{(21)}m_{100}^{(22)}m_{020}^{(20)}m_{120}^{(20)}\\
&-4m_{100}^{(21)}m_{100}^{(22)}m_{020}^{(20)}m_{111}^{(10)}+3m_{100}^{(21)}m_{100}^{(22)}m_{020}^{(20)}m_{021}^{(00)}-2m_{100}^{(21)}m_{100}^{(22)}m_{011}^{(10)}m_{210}^{(21)}\\
&-m_{100}^{(21)}m_{100}^{(22)}m_{011}^{(10)}m_{201}^{(11)}+2m_{100}^{(21)}m_{100}^{(22)}m_{011}^{(10)}m_{120}^{(20)}+4m_{100}^{(21)}m_{100}^{(22)}m_{011}^{(10)}m_{111}^{(10)}\\
&-3m_{100}^{(21)}m_{100}^{(22)}m_{011}^{(10)}m_{021}^{(00)}+m_{100}^{(21)}m_{100}^{(22)}m_{011}^{(20)}m_{210}^{(11)}-2m_{100}^{(21)}m_{100}^{(22)}m_{011}^{(20)}m_{120}^{(10)}\\
&+m_{100}^{(21)}m_{100}^{(22)}m_{011}^{(20)}m_{030}^{(00)}-m_{100}^{(21)}m_{100}^{(22)}m_{002}^{(10)}m_{210}^{(11)}+2m_{100}^{(21)}m_{100}^{(22)}m_{002}^{(10)}m_{120}^{(10)}\\
&-m_{100}^{(21)}m_{100}^{(22)}m_{002}^{(10)}m_{030}^{(00)}-m_{100}^{(21)}m_{010}^{(00)}m_{110}^{(21)}m_{111}^{(22)}+m_{100}^{(21)}m_{010}^{(00)}m_{110}^{(21)}m_{102}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(00)}m_{110}^{(21)}m_{012}^{(20)}-m_{100}^{(21)}m_{010}^{(00)}m_{110}^{(21)}m_{003}^{(10)}+m_{100}^{(21)}m_{010}^{(00)}m_{110}^{(22)}m_{120}^{(22)}\\
&-m_{100}^{(21)}m_{010}^{(00)}m_{110}^{(22)}m_{111}^{(21)}-m_{100}^{(21)}m_{010}^{(00)}m_{110}^{(22)}m_{021}^{(20)}+m_{100}^{(21)}m_{010}^{(00)}m_{110}^{(22)}m_{012}^{(10)}\\
&+m_{100}^{(21)}m_{010}^{(00)}m_{101}^{(11)}m_{111}^{(22)}-m_{100}^{(21)}m_{010}^{(00)}m_{101}^{(11)}m_{102}^{(21)}-m_{100}^{(21)}m_{010}^{(00)}m_{101}^{(11)}m_{012}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(00)}m_{101}^{(11)}m_{003}^{(10)}-m_{100}^{(21)}m_{010}^{(00)}m_{101}^{(21)}m_{120}^{(22)}+m_{100}^{(21)}m_{010}^{(00)}m_{101}^{(21)}m_{111}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(00)}m_{101}^{(21)}m_{021}^{(20)}-m_{100}^{(21)}m_{010}^{(00)}m_{101}^{(21)}m_{012}^{(10)}+m_{100}^{(21)}m_{010}^{(00)}m_{020}^{(20)}m_{111}^{(22)}\\
&-m_{100}^{(21)}m_{010}^{(00)}m_{020}^{(20)}m_{102}^{(21)}-m_{100}^{(21)}m_{010}^{(00)}m_{020}^{(20)}m_{012}^{(20)}+m_{100}^{(21)}m_{010}^{(00)}m_{020}^{(20)}m_{003}^{(10)}\\
&-m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(10)}m_{111}^{(22)}+m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(10)}m_{102}^{(21)}+m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(10)}m_{012}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(10)}m_{003}^{(10)}-m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(20)}m_{120}^{(22)}+m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(20)}m_{111}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(20)}m_{021}^{(20)}-m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(20)}m_{012}^{(10)}+m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(10)}m_{120}^{(22)}
\end{aligned}
$$

$$-m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(10)}m_{111}^{(21)} - m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(10)}m_{021}^{(20)} + m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(10)}m_{012}^{(10)}$$
$$-m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(22)}m_{120}^{(22)} + m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(22)}m_{102}^{(11)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(22)}m_{021}^{(20)}$$
$$-2m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(22)}m_{012}^{(10)} + m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(21)}m_{201}^{(22)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(21)}m_{102}^{(20)}$$
$$+m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(21)}m_{003}^{(00)} - m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(22)}m_{210}^{(22)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(22)}m_{111}^{(20)}$$
$$-m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(22)}m_{012}^{(00)} - m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(11)}m_{201}^{(22)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(11)}m_{102}^{(20)}$$
$$-m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(11)}m_{003}^{(00)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{120}^{(22)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{102}^{(11)}$$
$$-4m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{021}^{(20)} + 4m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{012}^{(10)} + m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{210}^{(22)}$$
$$-2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(20)} + m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{012}^{(00)} - m_{100}^{(21)}m_{010}^{(10)}m_{020}^{(20)}m_{201}^{(22)}$$
$$+2m_{100}^{(21)}m_{010}^{(10)}m_{020}^{(20)}m_{102}^{(20)} - m_{100}^{(21)}m_{010}^{(10)}m_{020}^{(20)}m_{003}^{(00)} + m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(10)}m_{201}^{(22)}$$
$$-2m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(10)}m_{102}^{(20)} + m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(10)}m_{003}^{(00)} + m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{210}^{(22)}$$
$$-2m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{111}^{(20)} + m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{012}^{(00)} - m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(00)}m_{120}^{(22)}$$
$$+m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(00)}m_{102}^{(11)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(00)}m_{021}^{(20)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(00)}m_{012}^{(10)}$$
$$-m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{210}^{(22)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{111}^{(20)} - m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{012}^{(00)}$$
$$+m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(22)}m_{210}^{(22)} + m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(22)}m_{201}^{(21)} - 3m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(22)}m_{111}^{(20)}$$
$$-m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(22)}m_{102}^{(10)} + 2m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(22)}m_{012}^{(00)} - 2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{210}^{(22)}$$
$$-2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{201}^{(21)} + 6m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{111}^{(20)} + 2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{102}^{(10)}$$
$$-4m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{012}^{(00)} + m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(00)}m_{210}^{(22)} + m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(00)}m_{201}^{(21)}$$
$$-3m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(00)}m_{111}^{(20)} - m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(00)}m_{102}^{(10)} + 2m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(00)}m_{012}^{(00)}$$
$$+m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{120}^{(22)} - m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{102}^{(11)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{021}^{(20)}$$
$$+2m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{012}^{(10)} - m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{120}^{(22)} + m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{102}^{(11)}$$
$$+2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{021}^{(20)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(10)} + m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{210}^{(22)}$$
$$-2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{201}^{(21)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{102}^{(10)} - m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{012}^{(00)}$$
$$+2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(22)}m_{210}^{(21)} - m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(22)}m_{201}^{(11)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(22)}m_{120}^{(20)}$$
$$+m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(22)}m_{021}^{(00)} - m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{120}^{(22)} + m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{102}^{(11)}$$
$$+2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{021}^{(20)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{012}^{(10)} - m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(11)}m_{210}^{(22)}$$
$$+2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(11)}m_{201}^{(21)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(11)}m_{102}^{(10)} + m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(11)}m_{012}^{(00)}$$
$$-2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{210}^{(21)} + m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{201}^{(11)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{120}^{(20)}$$
$$-m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{021}^{(00)} - m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(20)}m_{210}^{(22)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(20)}m_{201}^{(21)}$$
$$-2m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(20)}m_{102}^{(10)} + m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(20)}m_{012}^{(00)} + m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{120}^{(22)}$$
$$-m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{102}^{(11)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{021}^{(20)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{012}^{(10)}$$
$$+m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{210}^{(22)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{201}^{(21)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{102}^{(10)}$$
$$-m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{012}^{(00)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{210}^{(21)} + m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{201}^{(11)}$$
$$+2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{120}^{(20)} - m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{021}^{(00)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(10)}m_{210}^{(21)}$$
$$-m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(10)}m_{201}^{(11)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(10)}m_{120}^{(20)} + m_{100}^{(21)}m_{010}^{(20)}m_{002}^{(10)}m_{021}^{(00)}$$
$$-m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(21)}m_{210}^{(22)} - m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(21)}m_{201}^{(21)} + 3m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(20)}$$
$$+m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(21)}m_{102}^{(10)} - 2m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(21)}m_{012}^{(00)} - m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(22)}m_{210}^{(21)}$$
$$-m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(22)}m_{201}^{(11)} + m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(22)}m_{120}^{(20)} + 3m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(22)}m_{111}^{(10)}$$
$$-2m_{100}^{(21)}m_{010}^{(21)}m_{200}^{(22)}m_{021}^{(00)} + m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(20)}m_{210}^{(22)} + m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(20)}m_{201}^{(21)}$$

$$
\begin{aligned}
&-3m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(20)} - m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(10)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(20)}m_{012}^{(00)}\\
&-m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(21)}m_{300}^{(22)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(21)}m_{201}^{(20)} - m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(21)}m_{102}^{(00)}\\
&-m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(22)}m_{300}^{(21)} + m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(22)}m_{210}^{(20)} + m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(22)}m_{201}^{(10)}\\
&-m_{100}^{(21)}m_{010}^{(21)}m_{110}^{(22)}m_{111}^{(00)} + m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{210}^{(22)} + m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{201}^{(21)}\\
&-3m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(20)} - m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{102}^{(10)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{012}^{(00)}\\
&+m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(11)}m_{300}^{(22)} - 2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(11)}m_{201}^{(20)} + m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(11)}m_{102}^{(00)}\\
&+2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{210}^{(21)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{201}^{(11)} - 2m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(20)}\\
&-6m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(10)} + 4m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{021}^{(00)} + m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(21)}m_{300}^{(21)}\\
&-m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(21)}m_{210}^{(20)} - m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(21)}m_{201}^{(10)} + m_{100}^{(21)}m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(00)}\\
&+m_{100}^{(21)}m_{010}^{(21)}m_{020}^{(20)}m_{300}^{(22)} - 2m_{100}^{(21)}m_{010}^{(21)}m_{020}^{(20)}m_{201}^{(20)} + m_{100}^{(21)}m_{010}^{(21)}m_{020}^{(20)}m_{102}^{(00)}\\
&-m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(00)}m_{210}^{(22)} - m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(00)}m_{201}^{(21)} + 3m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(00)}m_{111}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(00)}m_{102}^{(10)} - 2m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(00)}m_{012}^{(00)} - m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(10)}m_{300}^{(22)}\\
&+2m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(20)} - m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(10)}m_{102}^{(00)} + m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(20)}m_{300}^{(21)}\\
&-m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(20)} - m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(10)} + m_{100}^{(21)}m_{010}^{(21)}m_{011}^{(20)}m_{111}^{(00)}\\
&-m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(00)}m_{210}^{(21)} - m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(00)}m_{201}^{(11)} + m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(00)}m_{120}^{(20)}\\
&+3m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(00)}m_{111}^{(10)} - 2m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(00)}m_{021}^{(00)} - m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(10)}m_{300}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(10)}m_{210}^{(20)} + m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(10)}m_{201}^{(10)} - m_{100}^{(21)}m_{010}^{(21)}m_{002}^{(10)}m_{111}^{(00)}\\
&+m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{210}^{(21)} + m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{201}^{(11)} - m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{120}^{(20)}\\
&-3m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(10)} + 2m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{021}^{(00)} - m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{210}^{(21)}\\
&-m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{201}^{(11)} + m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{120}^{(20)} + 3m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(10)}\\
&-2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{021}^{(00)} + m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(21)}m_{300}^{(21)} - m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(21)}m_{210}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(10)} + m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(00)} + m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(22)}m_{300}^{(11)}\\
&-2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(22)}m_{210}^{(10)} + m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(22)}m_{120}^{(00)} - m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{210}^{(21)}\\
&-m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{201}^{(11)} + m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{120}^{(20)} + 3m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(10)}\\
&-2m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{021}^{(00)} - m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(11)}m_{300}^{(21)} + m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(11)}m_{210}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(11)}m_{201}^{(10)} - m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(11)}m_{111}^{(00)} - m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(21)}m_{300}^{(11)}\\
&+2m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(10)} - m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(21)}m_{120}^{(00)} - m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(20)}m_{300}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(20)}m_{210}^{(20)} + m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(20)}m_{201}^{(10)} - m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(20)}m_{111}^{(00)}\\
&+m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{210}^{(21)} + m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{201}^{(11)} - m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{120}^{(20)}\\
&-3m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{111}^{(10)} + 2m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{021}^{(00)} + m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(10)}m_{300}^{(21)}\\
&-m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(10)}m_{210}^{(20)} - m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(10)}m_{201}^{(10)} + m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(10)}m_{111}^{(00)}\\
&-m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(20)}m_{300}^{(11)} + 2m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(10)} - m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(20)}m_{120}^{(00)}\\
&+m_{100}^{(21)}m_{010}^{(22)}m_{002}^{(10)}m_{300}^{(11)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{002}^{(10)}m_{210}^{(10)} + m_{100}^{(21)}m_{010}^{(22)}m_{002}^{(10)}m_{120}^{(00)}\\
&-m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{111}^{(21)} + m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{102}^{(11)} + m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{021}^{(20)}\\
&-m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(10)} + m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(22)}m_{120}^{(21)} - m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(22)}m_{111}^{(11)}\\
&-m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(22)}m_{030}^{(20)} + m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(22)}m_{021}^{(10)} + m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(11)}m_{111}^{(21)}\\
&-m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(11)}m_{102}^{(11)} - m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(11)}m_{021}^{(20)} + m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(11)}m_{012}^{(10)}\\
&-m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{120}^{(21)} + m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{111}^{(11)} + m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{030}^{(20)}
\end{aligned}
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\begin{aligned}
&-m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(10)}+m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(20)}m_{111}^{(21)}-m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(20)}m_{102}^{(11)}\\
&-m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(20)}m_{021}^{(20)}+m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(20)}m_{012}^{(10)}-m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(21)}\\
&+m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{102}^{(11)}+m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{021}^{(20)}-m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(10)}\\
&-m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{120}^{(21)}+m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(11)}+m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{030}^{(20)}\\
&-m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(10)}+m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(10)}m_{120}^{(21)}-m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(10)}m_{111}^{(11)}\\
&-m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(10)}m_{030}^{(20)}+m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(10)}m_{021}^{(10)}+m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{120}^{(22)}\\
&-m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{102}^{(11)}-2m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(20)}+2m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(10)}\\
&-m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{120}^{(22)}+m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{102}^{(11)}+2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(20)}\\
&-2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(10)}-m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{210}^{(22)}+2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{201}^{(21)}\\
&-2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(10)}+m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(00)}-2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(22)}m_{210}^{(21)}\\
&+m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(22)}m_{201}^{(11)}+2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(22)}m_{120}^{(20)}-m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(22)}m_{021}^{(00)}\\
&-m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{120}^{(22)}+m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{102}^{(11)}+2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(20)}\\
&-2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(10)}+m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(11)}m_{210}^{(22)}-2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(11)}m_{201}^{(21)}\\
&+2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(11)}m_{102}^{(10)}-m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(11)}m_{012}^{(00)}+2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{210}^{(21)}\\
&-m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{201}^{(11)}-2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(20)}+m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(00)}\\
&+m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(20)}m_{210}^{(22)}-2m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(20)}m_{201}^{(21)}+2m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(10)}\\
&-m_{100}^{(21)}m_{001}^{(10)}m_{020}^{(20)}m_{012}^{(00)}+m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{120}^{(22)}-m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{102}^{(11)}\\
&-2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{021}^{(20)}+2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{012}^{(10)}-m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{210}^{(22)}\\
&+2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(21)}-2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(10)}+m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{012}^{(00)}\\
&+2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(21)}-m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(11)}-2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(20)}\\
&+m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{021}^{(00)}-2m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{210}^{(21)}+m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{201}^{(11)}\\
&+2m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{120}^{(20)}-m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{021}^{(00)}-m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{210}^{(22)}\\
&-m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{201}^{(21)}+3m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{111}^{(20)}+m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(10)}\\
&-2m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{012}^{(00)}+m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{210}^{(22)}+m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{201}^{(21)}\\
&-3m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(20)}-m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(10)}+2m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{012}^{(00)}\\
&+m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(21)}m_{300}^{(22)}-2m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(21)}m_{201}^{(20)}+m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(21)}m_{102}^{(00)}\\
&+m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(22)}m_{300}^{(21)}-m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(22)}m_{210}^{(20)}-m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(22)}m_{201}^{(10)}\\
&+m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(22)}m_{111}^{(00)}+m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{210}^{(22)}+m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(21)}\\
&-3m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(20)}-m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(10)}+2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{012}^{(00)}\\
&-m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(11)}m_{300}^{(22)}+2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(11)}m_{201}^{(20)}-m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(11)}m_{102}^{(00)}\\
&-m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{300}^{(21)}+m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{210}^{(20)}+m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(10)}\\
&-m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(00)}-m_{100}^{(21)}m_{001}^{(11)}m_{020}^{(20)}m_{300}^{(22)}+2m_{100}^{(21)}m_{001}^{(11)}m_{020}^{(20)}m_{201}^{(20)}\\
&-m_{100}^{(21)}m_{001}^{(11)}m_{020}^{(20)}m_{102}^{(00)}-m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(00)}m_{210}^{(22)}-m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(00)}m_{201}^{(21)}\\
&+3m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(00)}m_{111}^{(20)}+m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(00)}m_{102}^{(10)}-2m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(00)}m_{012}^{(00)}\\
&+m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(10)}m_{300}^{(22)}-2m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(20)}+m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(10)}m_{102}^{(00)}\\
&-m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(20)}m_{300}^{(21)}+m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(20)}m_{210}^{(20)}+m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(10)}\\
&-m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(00)}+m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(10)}m_{300}^{(21)}-m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(10)}m_{210}^{(20)}\\
&-m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(10)}m_{201}^{(10)}+m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(10)}m_{111}^{(00)}-m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{120}^{(22)}
\end{aligned}
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\begin{aligned}
&+m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{102}^{(11)}+2m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(20)}-2m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{012}^{(10)}\\
&+2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{120}^{(22)}-2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{102}^{(11)}-4m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(20)}\\
&+4m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(10)}-m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{201}^{(11)}+2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(10)}\\
&-m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(00)}+m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(22)}m_{210}^{(11)}-2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(22)}m_{120}^{(10)}\\
&+m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(22)}m_{030}^{(00)}+m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{201}^{(11)}-2m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(10)}\\
&+m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{021}^{(00)}-m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(21)}m_{210}^{(11)}+2m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(10)}\\
&-m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(21)}m_{030}^{(00)}-m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{120}^{(22)}+m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{102}^{(11)}\\
&+2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{021}^{(20)}-2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{012}^{(10)}+m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{201}^{(11)}\\
&-2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(10)}+m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{021}^{(00)}-m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(11)}\\
&+2m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(10)}-m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{021}^{(00)}-m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(11)}\\
&+2m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(10)}-m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(20)}m_{030}^{(00)}+m_{100}^{(21)}m_{001}^{(20)}m_{002}^{(10)}m_{210}^{(11)}\\
&-2m_{100}^{(21)}m_{001}^{(20)}m_{002}^{(10)}m_{120}^{(10)}+m_{100}^{(21)}m_{001}^{(20)}m_{002}^{(10)}m_{030}^{(00)}+m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(11)}m_{210}^{(22)}\\
&+m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(11)}m_{201}^{(21)}-3m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(20)}-m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(11)}m_{102}^{(10)}\\
&+2m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(11)}m_{012}^{(00)}+m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{210}^{(21)}+m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{201}^{(11)}\\
&-m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(20)}-3m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(10)}+2m_{100}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(00)}\\
&-2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{210}^{(22)}-2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(21)}+6m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(20)}\\
&+2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(10)}-4m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{012}^{(00)}-m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(21)}\\
&-m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(11)}+m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(20)}+3m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(10)}\\
&-2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{021}^{(00)}-m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{300}^{(21)}+m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(20)}\\
&+m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(10)}-m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(00)}-m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(22)}m_{300}^{(11)}\\
&+2m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(10)}-m_{100}^{(21)}m_{001}^{(21)}m_{110}^{(22)}m_{120}^{(00)}-m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(21)}\\
&-m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{201}^{(11)}+m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(20)}+3m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(10)}\\
&-2m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(00)}+m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(11)}m_{300}^{(21)}-m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(20)}\\
&-m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(10)}+m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(11)}m_{111}^{(00)}+m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(21)}m_{300}^{(11)}\\
&-2m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(10)}+m_{100}^{(21)}m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(00)}+m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(00)}m_{210}^{(22)}\\
&+m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(21)}-3m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(20)}-m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(00)}m_{102}^{(10)}\\
&+2m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(00)}m_{012}^{(00)}+m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{300}^{(21)}-m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(20)}\\
&-m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(10)}+m_{100}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{111}^{(00)}+m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(21)}\\
&+m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{201}^{(11)}-m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{120}^{(20)}-3m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(10)}\\
&+2m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{021}^{(00)}-m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(21)}+m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(20)}\\
&+m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(10)}-m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(00)}+m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(11)}\\
&-2m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(10)}+m_{100}^{(21)}m_{001}^{(21)}m_{011}^{(20)}m_{120}^{(00)}-m_{100}^{(21)}m_{001}^{(21)}m_{002}^{(10)}m_{300}^{(11)}\\
&+2m_{100}^{(21)}m_{001}^{(21)}m_{002}^{(10)}m_{210}^{(10)}-m_{100}^{(21)}m_{001}^{(21)}m_{002}^{(10)}m_{120}^{(00)}-m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{210}^{(21)}\\
&-m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{201}^{(11)}+m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(20)}+3m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(10)}\\
&-2m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{021}^{(00)}+2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(21)}+2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{201}^{(11)}\\
&-2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(20)}-6m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(10)}+4m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{021}^{(00)}\\
&-m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(21)}-m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{201}^{(11)}+m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{120}^{(20)}\\
&+3m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(10)}-2m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{021}^{(00)}+(m_{100}^{(22)})^2m_{110}^{(21)}m_{210}^{(11)}
\end{aligned}
$$

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\begin{aligned}
&-2(m_{100}^{(22)})^2 m_{110}^{(21)} m_{120}^{(10)} + (m_{100}^{(22)})^2 m_{110}^{(21)} m_{030}^{(00)} - (m_{100}^{(22)})^2 m_{101}^{(11)} m_{210}^{(11)} \\
&+2(m_{100}^{(22)})^2 m_{101}^{(11)} m_{120}^{(10)} - (m_{100}^{(22)})^2 m_{101}^{(11)} m_{030}^{(00)} - (m_{100}^{(22)})^2 m_{020}^{(20)} m_{210}^{(11)} \\
&+2(m_{100}^{(22)})^2 m_{020}^{(20)} m_{120}^{(10)} - (m_{100}^{(22)})^2 m_{020}^{(20)} m_{030}^{(00)} + (m_{100}^{(22)})^2 m_{011}^{(10)} m_{210}^{(11)} \\
&-2(m_{100}^{(22)})^2 m_{011}^{(10)} m_{120}^{(10)} + (m_{100}^{(22)})^2 m_{011}^{(10)} m_{030}^{(00)} + m_{100}^{(22)} m_{010}^{(00)} m_{110}^{(21)} m_{111}^{(21)} \\
&-m_{100}^{(22)} m_{010}^{(00)} m_{110}^{(21)} m_{102}^{(11)} - m_{100}^{(22)} m_{010}^{(00)} m_{110}^{(21)} m_{021}^{(20)} + m_{100}^{(22)} m_{010}^{(00)} m_{110}^{(21)} m_{012}^{(10)} \\
&-m_{100}^{(22)} m_{010}^{(00)} m_{110}^{(22)} m_{120}^{(21)} + m_{100}^{(22)} m_{010}^{(00)} m_{110}^{(22)} m_{111}^{(11)} + m_{100}^{(22)} m_{010}^{(00)} m_{110}^{(22)} m_{030}^{(20)} \\
&-m_{100}^{(22)} m_{010}^{(00)} m_{110}^{(22)} m_{021}^{(10)} - m_{100}^{(22)} m_{010}^{(00)} m_{110}^{(11)} m_{111}^{(21)} + m_{100}^{(22)} m_{010}^{(00)} m_{110}^{(11)} m_{102}^{(11)} \\
&+m_{100}^{(22)} m_{010}^{(00)} m_{101}^{(11)} m_{021}^{(20)} - m_{100}^{(22)} m_{010}^{(00)} m_{101}^{(11)} m_{012}^{(10)} + m_{100}^{(22)} m_{010}^{(00)} m_{101}^{(21)} m_{120}^{(21)} \\
&-m_{100}^{(22)} m_{010}^{(00)} m_{101}^{(21)} m_{111}^{(11)} - m_{100}^{(22)} m_{010}^{(00)} m_{101}^{(21)} m_{030}^{(20)} + m_{100}^{(22)} m_{010}^{(00)} m_{101}^{(21)} m_{021}^{(10)} \\
&-m_{100}^{(22)} m_{010}^{(00)} m_{020}^{(20)} m_{111}^{(21)} + m_{100}^{(22)} m_{010}^{(00)} m_{020}^{(20)} m_{102}^{(11)} + m_{100}^{(22)} m_{010}^{(00)} m_{020}^{(20)} m_{021}^{(20)} \\
&-m_{100}^{(22)} m_{010}^{(00)} m_{020}^{(20)} m_{012}^{(10)} + m_{100}^{(22)} m_{010}^{(00)} m_{011}^{(10)} m_{111}^{(21)} - m_{100}^{(22)} m_{010}^{(00)} m_{011}^{(10)} m_{102}^{(11)} \\
&-m_{100}^{(22)} m_{010}^{(00)} m_{011}^{(10)} m_{021}^{(20)} + m_{100}^{(22)} m_{010}^{(00)} m_{011}^{(10)} m_{012}^{(10)} + m_{100}^{(22)} m_{010}^{(00)} m_{011}^{(20)} m_{120}^{(21)} \\
&-m_{100}^{(22)} m_{010}^{(00)} m_{011}^{(20)} m_{111}^{(11)} - m_{100}^{(22)} m_{010}^{(00)} m_{011}^{(20)} m_{030}^{(20)} + m_{100}^{(22)} m_{010}^{(00)} m_{011}^{(20)} m_{021}^{(10)} \\
&-m_{100}^{(22)} m_{010}^{(00)} m_{002}^{(10)} m_{120}^{(21)} + m_{100}^{(22)} m_{010}^{(00)} m_{002}^{(10)} m_{111}^{(11)} + m_{100}^{(22)} m_{010}^{(00)} m_{002}^{(10)} m_{030}^{(20)} \\
&-m_{100}^{(22)} m_{010}^{(00)} m_{002}^{(10)} m_{021}^{(10)} + m_{100}^{(22)} m_{010}^{(10)} m_{200}^{(22)} m_{120}^{(21)} - m_{100}^{(22)} m_{010}^{(10)} m_{200}^{(22)} m_{111}^{(11)} \\
&-m_{100}^{(22)} m_{010}^{(10)} m_{200}^{(22)} m_{030}^{(20)} + m_{100}^{(22)} m_{010}^{(10)} m_{200}^{(22)} m_{021}^{(10)} - m_{100}^{(22)} m_{010}^{(10)} m_{110}^{(21)} m_{201}^{(21)} \\
&+m_{100}^{(22)} m_{010}^{(10)} m_{110}^{(21)} m_{111}^{(20)} + m_{100}^{(22)} m_{010}^{(10)} m_{110}^{(21)} m_{102}^{(10)} - m_{100}^{(22)} m_{010}^{(10)} m_{110}^{(21)} m_{012}^{(00)} \\
&+m_{100}^{(22)} m_{010}^{(10)} m_{110}^{(22)} m_{210}^{(21)} - m_{100}^{(22)} m_{010}^{(10)} m_{110}^{(22)} m_{120}^{(20)} - m_{100}^{(22)} m_{010}^{(10)} m_{110}^{(22)} m_{111}^{(10)} \\
&+m_{100}^{(22)} m_{010}^{(10)} m_{110}^{(22)} m_{021}^{(00)} + m_{100}^{(22)} m_{010}^{(10)} m_{101}^{(11)} m_{201}^{(21)} - m_{100}^{(22)} m_{010}^{(10)} m_{101}^{(11)} m_{111}^{(20)} \\
&-m_{100}^{(22)} m_{010}^{(10)} m_{101}^{(11)} m_{102}^{(10)} + m_{100}^{(22)} m_{010}^{(10)} m_{101}^{(11)} m_{012}^{(00)} - 2m_{100}^{(22)} m_{010}^{(10)} m_{101}^{(20)} m_{120}^{(21)} \\
&+2m_{100}^{(22)} m_{010}^{(10)} m_{101}^{(20)} m_{111}^{(11)} + 2m_{100}^{(22)} m_{010}^{(10)} m_{101}^{(20)} m_{030}^{(20)} - 2m_{100}^{(22)} m_{010}^{(10)} m_{101}^{(20)} m_{021}^{(10)} \\
&-m_{100}^{(22)} m_{010}^{(10)} m_{101}^{(21)} m_{210}^{(21)} + m_{100}^{(22)} m_{010}^{(10)} m_{101}^{(21)} m_{120}^{(20)} + m_{100}^{(22)} m_{010}^{(10)} m_{101}^{(21)} m_{111}^{(10)} \\
&-m_{100}^{(22)} m_{010}^{(10)} m_{101}^{(21)} m_{021}^{(00)} + m_{100}^{(22)} m_{010}^{(10)} m_{020}^{(20)} m_{201}^{(21)} - m_{100}^{(22)} m_{010}^{(10)} m_{020}^{(20)} m_{111}^{(20)} \\
&-m_{100}^{(22)} m_{010}^{(10)} m_{020}^{(20)} m_{102}^{(10)} + m_{100}^{(22)} m_{010}^{(10)} m_{020}^{(20)} m_{012}^{(00)} - m_{100}^{(22)} m_{010}^{(10)} m_{011}^{(10)} m_{201}^{(21)} \\
&+m_{100}^{(22)} m_{010}^{(10)} m_{011}^{(10)} m_{111}^{(20)} + m_{100}^{(22)} m_{010}^{(10)} m_{011}^{(10)} m_{102}^{(10)} - m_{100}^{(22)} m_{010}^{(10)} m_{011}^{(10)} m_{012}^{(00)} \\
&-m_{100}^{(22)} m_{010}^{(10)} m_{011}^{(20)} m_{111}^{(21)} + m_{100}^{(22)} m_{010}^{(10)} m_{011}^{(20)} m_{120}^{(20)} + m_{100}^{(22)} m_{010}^{(10)} m_{011}^{(20)} m_{111}^{(10)} \\
&-m_{100}^{(22)} m_{010}^{(10)} m_{011}^{(20)} m_{021}^{(00)} + m_{100}^{(22)} m_{010}^{(10)} m_{002}^{(00)} m_{120}^{(21)} - m_{100}^{(22)} m_{010}^{(10)} m_{002}^{(00)} m_{111}^{(11)} \\
&-m_{100}^{(22)} m_{010}^{(10)} m_{002}^{(00)} m_{030}^{(20)} + m_{100}^{(22)} m_{010}^{(10)} m_{002}^{(00)} m_{021}^{(10)} + m_{100}^{(22)} m_{010}^{(10)} m_{002}^{(10)} m_{210}^{(21)} \\
&-m_{100}^{(22)} m_{010}^{(10)} m_{002}^{(10)} m_{120}^{(20)} - m_{100}^{(22)} m_{010}^{(10)} m_{002}^{(10)} m_{111}^{(10)} + m_{100}^{(22)} m_{010}^{(10)} m_{002}^{(10)} m_{021}^{(00)} \\
&-m_{100}^{(22)} m_{010}^{(11)} m_{200}^{(22)} m_{210}^{(21)} + m_{100}^{(22)} m_{010}^{(11)} m_{200}^{(22)} m_{120}^{(20)} + m_{100}^{(22)} m_{010}^{(11)} m_{200}^{(22)} m_{111}^{(10)} \\
&-m_{100}^{(22)} m_{010}^{(11)} m_{200}^{(22)} m_{021}^{(00)} + 2m_{100}^{(22)} m_{010}^{(11)} m_{101}^{(20)} m_{210}^{(21)} - 2m_{100}^{(22)} m_{010}^{(11)} m_{101}^{(20)} m_{120}^{(20)} \\
&-2m_{100}^{(22)} m_{010}^{(11)} m_{101}^{(20)} m_{111}^{(10)} + 2m_{100}^{(22)} m_{010}^{(11)} m_{101}^{(20)} m_{021}^{(00)} - m_{100}^{(22)} m_{010}^{(11)} m_{002}^{(00)} m_{210}^{(21)} \\
&+m_{100}^{(22)} m_{010}^{(11)} m_{002}^{(00)} m_{120}^{(20)} + m_{100}^{(22)} m_{010}^{(11)} m_{002}^{(00)} m_{111}^{(10)} - m_{100}^{(22)} m_{010}^{(11)} m_{002}^{(00)} m_{021}^{(00)} \\
&-m_{100}^{(22)} m_{010}^{(20)} m_{200}^{(21)} m_{120}^{(21)} + m_{100}^{(22)} m_{010}^{(20)} m_{200}^{(21)} m_{111}^{(20)} + m_{100}^{(22)} m_{010}^{(20)} m_{200}^{(21)} m_{030}^{(20)} \\
&-m_{100}^{(22)} m_{010}^{(20)} m_{200}^{(21)} m_{021}^{(10)} + m_{100}^{(22)} m_{010}^{(20)} m_{110}^{(20)} m_{120}^{(20)} - m_{100}^{(22)} m_{010}^{(20)} m_{110}^{(20)} m_{111}^{(20)} \\
&-m_{100}^{(22)} m_{010}^{(20)} m_{110}^{(20)} m_{030}^{(20)} + m_{100}^{(22)} m_{010}^{(20)} m_{110}^{(20)} m_{021}^{(10)} - m_{100}^{(22)} m_{010}^{(20)} m_{110}^{(21)} m_{210}^{(21)} \\
&+2m_{100}^{(22)} m_{010}^{(20)} m_{110}^{(21)} m_{201}^{(11)} + m_{100}^{(22)} m_{010}^{(20)} m_{110}^{(21)} m_{120}^{(10)} - 3m_{100}^{(22)} m_{010}^{(20)} m_{110}^{(21)} m_{111}^{(10)} \\
&+m_{100}^{(22)} m_{010}^{(20)} m_{110}^{(21)} m_{021}^{(00)} - m_{100}^{(22)} m_{010}^{(20)} m_{110}^{(22)} m_{210}^{(11)} + 2m_{100}^{(22)} m_{010}^{(20)} m_{110}^{(22)} m_{120}^{(10)}
\end{aligned}
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\begin{aligned}
&-m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(22)}m_{030}^{(00)}+m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(10)}m_{120}^{(21)}-m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(10)}m_{111}^{(11)}\\
&-m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(10)}m_{030}^{(20)}+m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(10)}m_{021}^{(10)}+m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(11)}m_{210}^{(21)}\\
&-2m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(11)}m_{201}^{(11)}-m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(11)}m_{120}^{(20)}+3m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(11)}m_{111}^{(10)}\\
&-m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(11)}m_{021}^{(00)}+m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(21)}m_{210}^{(11)}-2m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(21)}m_{120}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(21)}m_{030}^{(00)}+m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(20)}m_{210}^{(21)}-2m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(20)}m_{201}^{(11)}\\
&-m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(20)}m_{120}^{(20)}+3m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(20)}m_{111}^{(10)}-m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(20)}m_{021}^{(00)}\\
&-m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(00)}m_{120}^{(21)}+m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(00)}m_{111}^{(11)}+m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(00)}m_{030}^{(20)}\\
&-m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(00)}m_{021}^{(10)}-m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{210}^{(21)}+2m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{201}^{(11)}\\
&+m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{120}^{(20)}-3m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(10)}+m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{021}^{(00)}\\
&+m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(20)}m_{210}^{(11)}-2m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(20)}m_{120}^{(10)}+m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(20)}m_{030}^{(00)}\\
&-m_{100}^{(22)}m_{010}^{(20)}m_{002}^{(10)}m_{210}^{(11)}+2m_{100}^{(22)}m_{010}^{(20)}m_{002}^{(10)}m_{120}^{(10)}-m_{100}^{(22)}m_{010}^{(20)}m_{002}^{(10)}m_{030}^{(00)}\\
&+m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(21)}m_{210}^{(21)}-m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(21)}m_{120}^{(20)}-m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(21)}m_{021}^{(00)}+m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(22)}m_{210}^{(11)}-2m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(22)}m_{120}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(22)}m_{030}^{(00)}-m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(20)}m_{210}^{(21)}+m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(20)}m_{120}^{(20)}\\
&+m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(10)}-m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(20)}m_{021}^{(00)}+m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(21)}m_{300}^{(21)}\\
&-m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(21)}m_{210}^{(20)}-m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(21)}m_{201}^{(10)}+m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(21)}m_{111}^{(00)}\\
&-m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(10)}m_{210}^{(21)}+m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(10)}m_{120}^{(20)}+m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(10)}\\
&-m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(10)}m_{021}^{(00)}-m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(11)}m_{300}^{(21)}+m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(11)}m_{210}^{(20)}\\
&+m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(11)}m_{201}^{(10)}-m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(11)}m_{111}^{(00)}-2m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(20)}m_{210}^{(11)}\\
&+4m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(10)}-2m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(20)}m_{030}^{(00)}-m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(20)}m_{300}^{(21)}\\
&+m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(20)}m_{210}^{(20)}+m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(20)}m_{201}^{(10)}-m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(20)}m_{111}^{(00)}\\
&+m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(00)}m_{210}^{(21)}-m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(00)}m_{120}^{(20)}-m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(00)}m_{111}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(00)}m_{021}^{(00)}+m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(10)}m_{300}^{(21)}-m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(10)}m_{210}^{(20)}\\
&-m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(10)}+m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(10)}m_{111}^{(00)}+m_{100}^{(22)}m_{010}^{(21)}m_{002}^{(00)}m_{210}^{(11)}\\
&-2m_{100}^{(22)}m_{010}^{(21)}m_{002}^{(00)}m_{120}^{(10)}+m_{100}^{(22)}m_{010}^{(21)}m_{002}^{(00)}m_{030}^{(00)}-m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(21)}m_{210}^{(11)}\\
&+2m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(21)}m_{120}^{(10)}-m_{100}^{(22)}m_{010}^{(22)}m_{200}^{(21)}m_{030}^{(00)}+m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(20)}m_{210}^{(11)}\\
&-2m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(20)}m_{120}^{(10)}+m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(20)}m_{030}^{(00)}-m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(21)}m_{300}^{(11)}\\
&+2m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(21)}m_{210}^{(10)}-m_{100}^{(22)}m_{010}^{(22)}m_{110}^{(21)}m_{120}^{(00)}+m_{100}^{(22)}m_{010}^{(22)}m_{101}^{(10)}m_{210}^{(11)}\\
&-2m_{100}^{(22)}m_{010}^{(22)}m_{101}^{(10)}m_{120}^{(10)}+m_{100}^{(22)}m_{010}^{(22)}m_{101}^{(10)}m_{030}^{(00)}+m_{100}^{(22)}m_{010}^{(22)}m_{101}^{(11)}m_{300}^{(11)}\\
&-2m_{100}^{(22)}m_{010}^{(22)}m_{101}^{(11)}m_{210}^{(10)}+m_{100}^{(22)}m_{010}^{(22)}m_{101}^{(11)}m_{120}^{(00)}+m_{100}^{(22)}m_{010}^{(22)}m_{020}^{(20)}m_{300}^{(11)}\\
&-2m_{100}^{(22)}m_{010}^{(22)}m_{020}^{(20)}m_{210}^{(10)}+m_{100}^{(22)}m_{010}^{(22)}m_{020}^{(20)}m_{120}^{(00)}-m_{100}^{(22)}m_{010}^{(22)}m_{011}^{(00)}m_{210}^{(11)}\\
&+2m_{100}^{(22)}m_{010}^{(22)}m_{011}^{(00)}m_{120}^{(10)}-m_{100}^{(22)}m_{010}^{(22)}m_{011}^{(00)}m_{030}^{(00)}-m_{100}^{(22)}m_{010}^{(22)}m_{011}^{(10)}m_{300}^{(11)}\\
&+2m_{100}^{(22)}m_{010}^{(22)}m_{011}^{(10)}m_{210}^{(10)}-m_{100}^{(22)}m_{010}^{(22)}m_{011}^{(10)}m_{120}^{(00)}-m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(21)}m_{120}^{(21)}\\
&+m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(21)}m_{111}^{(11)}+m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(21)}m_{030}^{(20)}-m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(10)}\\
&+m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(20)}m_{120}^{(21)}-m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(11)}-m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(20)}m_{030}^{(20)}\\
&+m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(10)}+m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(21)}m_{210}^{(21)}-m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(21)}m_{201}^{(11)}\\
&-m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(21)}m_{120}^{(20)}+m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(10)}+m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(10)}m_{120}^{(21)}\\
&-m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(11)}-m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(10)}m_{030}^{(20)}+m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(10)}
\end{aligned}
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\begin{aligned}
&-m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(11)}m_{210}^{(21)} + m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(11)}m_{201}^{(11)} + m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(11)}m_{120}^{(20)}\\
&-m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(10)} - m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(20)}m_{210}^{(21)} + m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(20)}m_{201}^{(11)}\\
&+m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(20)}m_{120}^{(20)} - m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(20)}m_{111}^{(10)} - m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(00)}m_{120}^{(21)}\\
&+m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(00)}m_{111}^{(11)} + m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(00)}m_{030}^{(20)} - m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(00)}m_{021}^{(10)}\\
&+m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(10)}m_{210}^{(21)} - m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(11)} - m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(10)}m_{120}^{(20)}\\
&+m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(10)} + m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(21)}m_{210}^{(21)} - m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(21)}m_{120}^{(20)}\\
&-m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(21)}m_{111}^{(10)} + m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(21)}m_{021}^{(00)} - m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(20)}m_{210}^{(21)}\\
&+m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(20)}m_{120}^{(20)} + m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(10)} - m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(20)}m_{021}^{(00)}\\
&-m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(21)}m_{300}^{(21)} + m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(21)}m_{210}^{(20)} + m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(21)}m_{201}^{(10)}\\
&-m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(21)}m_{111}^{(00)} - m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(10)}m_{210}^{(21)} + m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(10)}m_{120}^{(20)}\\
&+m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(10)} - m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(10)}m_{021}^{(00)} + m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(11)}m_{300}^{(21)}\\
&-m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(11)}m_{210}^{(20)} - m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(11)}m_{201}^{(10)} + m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(11)}m_{111}^{(00)}\\
&+m_{100}^{(22)}m_{001}^{(11)}m_{020}^{(20)}m_{300}^{(21)} - m_{100}^{(22)}m_{001}^{(11)}m_{020}^{(20)}m_{210}^{(20)} - m_{100}^{(22)}m_{001}^{(11)}m_{020}^{(20)}m_{201}^{(10)}\\
&+m_{100}^{(22)}m_{001}^{(11)}m_{020}^{(20)}m_{111}^{(00)} + m_{100}^{(22)}m_{001}^{(11)}m_{011}^{(00)}m_{210}^{(21)} - m_{100}^{(22)}m_{001}^{(11)}m_{011}^{(00)}m_{120}^{(20)}\\
&-m_{100}^{(22)}m_{001}^{(11)}m_{011}^{(00)}m_{111}^{(10)} + m_{100}^{(22)}m_{001}^{(11)}m_{011}^{(00)}m_{021}^{(00)} - m_{100}^{(22)}m_{001}^{(11)}m_{011}^{(10)}m_{300}^{(21)}\\
&+m_{100}^{(22)}m_{001}^{(11)}m_{011}^{(10)}m_{210}^{(20)} + m_{100}^{(22)}m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(10)} - m_{100}^{(22)}m_{001}^{(11)}m_{011}^{(10)}m_{111}^{(00)}\\
&+m_{100}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{120}^{(21)} - m_{100}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{111}^{(11)} - m_{100}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{030}^{(20)}\\
&+m_{100}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(10)} - 2m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{120}^{(21)} + 2m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(11)}\\
&+2m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{030}^{(20)} - 2m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(10)} + m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{120}^{(21)}\\
&-m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(11)} - m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{030}^{(20)} + m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{021}^{(10)}\\
&-m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{210}^{(21)} + m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{120}^{(20)} + m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(10)}\\
&-m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{021}^{(00)} - m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(21)}m_{210}^{(11)} + 2m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(10)}\\
&-m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(21)}m_{030}^{(00)} + 2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{210}^{(21)} - 2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{120}^{(20)}\\
&-2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(10)} + 2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{021}^{(00)} + m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(11)}\\
&-2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(10)} + m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(20)}m_{030}^{(00)} + m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(21)}m_{300}^{(11)}\\
&-2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(10)} + m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(21)}m_{120}^{(00)} + m_{100}^{(22)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(11)}\\
&-2m_{100}^{(22)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(10)} + m_{100}^{(22)}m_{001}^{(21)}m_{101}^{(10)}m_{030}^{(00)} - m_{100}^{(22)}m_{001}^{(21)}m_{101}^{(11)}m_{300}^{(11)}\\
&+2m_{100}^{(22)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(10)} - m_{100}^{(22)}m_{001}^{(21)}m_{101}^{(11)}m_{120}^{(00)} - m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{210}^{(21)}\\
&+m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{120}^{(20)} + m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(10)} - m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{021}^{(00)}\\
&-m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(20)}m_{300}^{(11)} + 2m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(10)} - m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(20)}m_{120}^{(00)}\\
&-m_{100}^{(22)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(11)} + 2m_{100}^{(22)}m_{001}^{(21)}m_{011}^{(00)}m_{120}^{(10)} - m_{100}^{(22)}m_{001}^{(21)}m_{011}^{(00)}m_{030}^{(00)}\\
&+m_{100}^{(22)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(11)} - 2m_{100}^{(22)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(10)} + m_{100}^{(22)}m_{001}^{(21)}m_{011}^{(10)}m_{120}^{(00)}\\
&+m_{100}^{(22)}m_{001}^{(22)}m_{200}^{(11)}m_{210}^{(11)} - 2m_{100}^{(22)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(10)} + m_{100}^{(22)}m_{001}^{(22)}m_{200}^{(11)}m_{030}^{(00)}\\
&-2m_{100}^{(22)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(11)} + 4m_{100}^{(22)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(10)} - 2m_{100}^{(22)}m_{001}^{(22)}m_{110}^{(10)}m_{030}^{(00)}\\
&+m_{100}^{(22)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(11)} - 2m_{100}^{(22)}m_{001}^{(22)}m_{020}^{(00)}m_{120}^{(10)} + m_{100}^{(22)}m_{001}^{(22)}m_{020}^{(00)}m_{030}^{(00)}\\
&-(m_{010}^{(00)})^2m_{110}^{(22)}m_{021}^{(22)} + 2(m_{010}^{(00)})^2m_{110}^{(22)}m_{012}^{(21)} - (m_{010}^{(00)})^2m_{110}^{(22)}m_{003}^{(11)}\\
&+(m_{010}^{(00)})^2m_{101}^{(21)}m_{021}^{(22)} - 2(m_{010}^{(00)})^2m_{101}^{(21)}m_{012}^{(21)} + (m_{010}^{(00)})^2m_{101}^{(21)}m_{003}^{(11)}\\
&+(m_{010}^{(00)})^2m_{011}^{(20)}m_{021}^{(22)} - 2(m_{010}^{(00)})^2m_{011}^{(20)}m_{012}^{(21)} + (m_{010}^{(00)})^2m_{011}^{(20)}m_{003}^{(11)}
\end{aligned}
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\begin{aligned}
&-(m_{010}^{(00)})^2 m_{002}^{(10)} m_{021}^{(22)} + 2(m_{010}^{(00)})^2 m_{002}^{(10)} m_{012}^{(21)} - (m_{010}^{(00)})^2 m_{002}^{(10)} m_{003}^{(11)} \\
&+m_{010}^{(00)} m_{010}^{(10)} m_{200}^{(22)} m_{021}^{(22)} - 2m_{010}^{(00)} m_{010}^{(10)} m_{200}^{(22)} m_{012}^{(21)} + m_{010}^{(00)} m_{010}^{(10)} m_{200}^{(22)} m_{003}^{(11)} \\
&+2m_{010}^{(00)} m_{010}^{(10)} m_{110}^{(22)} m_{111}^{(22)} - 2m_{010}^{(00)} m_{010}^{(10)} m_{110}^{(22)} m_{102}^{(21)} - 2m_{010}^{(00)} m_{010}^{(10)} m_{110}^{(22)} m_{012}^{(20)} \\
&+2m_{010}^{(00)} m_{010}^{(10)} m_{110}^{(22)} m_{003}^{(10)} - 2m_{010}^{(00)} m_{010}^{(10)} m_{101}^{(20)} m_{021}^{(22)} + 4m_{010}^{(00)} m_{010}^{(10)} m_{101}^{(20)} m_{012}^{(21)} \\
&-2m_{010}^{(00)} m_{010}^{(10)} m_{101}^{(20)} m_{003}^{(11)} - 2m_{010}^{(00)} m_{010}^{(10)} m_{101}^{(21)} m_{111}^{(22)} + 2m_{010}^{(00)} m_{010}^{(10)} m_{101}^{(21)} m_{102}^{(21)} \\
&+2m_{010}^{(00)} m_{010}^{(10)} m_{101}^{(21)} m_{012}^{(20)} - 2m_{010}^{(00)} m_{010}^{(10)} m_{101}^{(21)} m_{003}^{(10)} - 2m_{010}^{(00)} m_{010}^{(10)} m_{011}^{(20)} m_{111}^{(22)} \\
&+2m_{010}^{(00)} m_{010}^{(10)} m_{011}^{(20)} m_{102}^{(21)} + 2m_{010}^{(00)} m_{010}^{(10)} m_{011}^{(20)} m_{012}^{(20)} - 2m_{010}^{(00)} m_{010}^{(10)} m_{011}^{(20)} m_{003}^{(10)} \\
&+m_{010}^{(00)} m_{010}^{(10)} m_{002}^{(00)} m_{021}^{(22)} - 2m_{010}^{(00)} m_{010}^{(10)} m_{002}^{(00)} m_{012}^{(21)} + m_{010}^{(00)} m_{010}^{(10)} m_{002}^{(00)} m_{003}^{(11)} \\
&+2m_{010}^{(00)} m_{010}^{(10)} m_{002}^{(10)} m_{111}^{(22)} - 2m_{010}^{(00)} m_{010}^{(10)} m_{002}^{(10)} m_{102}^{(21)} - 2m_{010}^{(00)} m_{010}^{(10)} m_{002}^{(10)} m_{012}^{(20)} \\
&+2m_{010}^{(00)} m_{010}^{(10)} m_{002}^{(10)} m_{003}^{(10)} - m_{010}^{(00)} m_{010}^{(11)} m_{200}^{(22)} m_{111}^{(22)} + m_{010}^{(00)} m_{010}^{(11)} m_{200}^{(22)} m_{102}^{(21)} \\
&+m_{010}^{(00)} m_{010}^{(11)} m_{200}^{(22)} m_{012}^{(20)} - m_{010}^{(00)} m_{010}^{(11)} m_{200}^{(22)} m_{003}^{(10)} + 2m_{010}^{(00)} m_{010}^{(11)} m_{101}^{(20)} m_{111}^{(22)} \\
&-2m_{010}^{(00)} m_{010}^{(11)} m_{101}^{(20)} m_{102}^{(21)} - 2m_{010}^{(00)} m_{010}^{(11)} m_{101}^{(20)} m_{012}^{(20)} + 2m_{010}^{(00)} m_{010}^{(11)} m_{101}^{(20)} m_{003}^{(10)} \\
&-m_{010}^{(00)} m_{010}^{(11)} m_{002}^{(00)} m_{111}^{(22)} + m_{010}^{(00)} m_{010}^{(11)} m_{002}^{(00)} m_{102}^{(21)} + m_{010}^{(00)} m_{010}^{(11)} m_{002}^{(00)} m_{012}^{(20)} \\
&-m_{010}^{(00)} m_{010}^{(11)} m_{002}^{(00)} m_{003}^{(10)} - m_{010}^{(00)} m_{010}^{(20)} m_{200}^{(21)} m_{021}^{(22)} + 2m_{010}^{(00)} m_{010}^{(20)} m_{200}^{(21)} m_{012}^{(21)} \\
&-m_{010}^{(00)} m_{010}^{(20)} m_{200}^{(21)} m_{003}^{(11)} + m_{010}^{(00)} m_{010}^{(20)} m_{110}^{(20)} m_{021}^{(22)} - 2m_{010}^{(00)} m_{010}^{(20)} m_{110}^{(20)} m_{012}^{(21)} \\
&+m_{010}^{(00)} m_{010}^{(20)} m_{110}^{(20)} m_{003}^{(11)} + m_{010}^{(00)} m_{010}^{(20)} m_{110}^{(22)} m_{120}^{(22)} - 4m_{010}^{(00)} m_{010}^{(20)} m_{110}^{(22)} m_{111}^{(21)} \\
&+3m_{010}^{(00)} m_{010}^{(20)} m_{110}^{(22)} m_{102}^{(11)} + 2m_{010}^{(00)} m_{010}^{(20)} m_{110}^{(22)} m_{021}^{(20)} - 2m_{010}^{(00)} m_{010}^{(20)} m_{110}^{(22)} m_{012}^{(10)} \\
&+m_{010}^{(00)} m_{010}^{(20)} m_{101}^{(10)} m_{021}^{(22)} - 2m_{010}^{(00)} m_{010}^{(20)} m_{101}^{(10)} m_{012}^{(21)} + m_{010}^{(00)} m_{010}^{(20)} m_{101}^{(10)} m_{003}^{(11)} \\
&-m_{010}^{(00)} m_{010}^{(20)} m_{101}^{(21)} m_{120}^{(22)} + 4m_{010}^{(00)} m_{010}^{(20)} m_{101}^{(21)} m_{111}^{(21)} - 3m_{010}^{(00)} m_{010}^{(20)} m_{101}^{(21)} m_{102}^{(11)} \\
&-2m_{010}^{(00)} m_{010}^{(20)} m_{101}^{(21)} m_{021}^{(20)} + 2m_{010}^{(00)} m_{010}^{(20)} m_{101}^{(21)} m_{012}^{(10)} - m_{010}^{(00)} m_{010}^{(20)} m_{011}^{(00)} m_{021}^{(22)} \\
&+2m_{010}^{(00)} m_{010}^{(20)} m_{011}^{(00)} m_{012}^{(21)} - m_{010}^{(00)} m_{010}^{(20)} m_{011}^{(00)} m_{003}^{(11)} - m_{010}^{(00)} m_{010}^{(20)} m_{011}^{(20)} m_{120}^{(22)} \\
&+4m_{010}^{(00)} m_{010}^{(20)} m_{011}^{(20)} m_{111}^{(21)} - 3m_{010}^{(00)} m_{010}^{(20)} m_{011}^{(20)} m_{102}^{(11)} - 2m_{010}^{(00)} m_{010}^{(20)} m_{011}^{(20)} m_{021}^{(20)} \\
&+2m_{010}^{(00)} m_{010}^{(20)} m_{011}^{(20)} m_{012}^{(10)} + m_{010}^{(00)} m_{010}^{(20)} m_{002}^{(10)} m_{120}^{(22)} - 4m_{010}^{(00)} m_{010}^{(20)} m_{002}^{(10)} m_{111}^{(21)} \\
&+3m_{010}^{(00)} m_{010}^{(20)} m_{002}^{(10)} m_{102}^{(11)} + 2m_{010}^{(00)} m_{010}^{(20)} m_{002}^{(10)} m_{021}^{(20)} - 2m_{010}^{(00)} m_{010}^{(20)} m_{002}^{(10)} m_{012}^{(10)} \\
&+m_{010}^{(00)} m_{010}^{(21)} m_{200}^{(21)} m_{111}^{(22)} - m_{010}^{(00)} m_{010}^{(21)} m_{200}^{(21)} m_{102}^{(21)} - m_{010}^{(00)} m_{010}^{(21)} m_{200}^{(21)} m_{012}^{(20)} \\
&+m_{010}^{(00)} m_{010}^{(21)} m_{200}^{(21)} m_{003}^{(10)} + m_{010}^{(00)} m_{010}^{(21)} m_{200}^{(22)} m_{111}^{(21)} - m_{010}^{(00)} m_{010}^{(21)} m_{200}^{(22)} m_{102}^{(11)} \\
&-m_{010}^{(00)} m_{010}^{(21)} m_{200}^{(22)} m_{021}^{(20)} + m_{010}^{(00)} m_{010}^{(21)} m_{200}^{(22)} m_{012}^{(10)} - m_{010}^{(00)} m_{010}^{(21)} m_{110}^{(20)} m_{111}^{(22)} \\
&+m_{010}^{(00)} m_{010}^{(21)} m_{110}^{(20)} m_{102}^{(21)} + m_{010}^{(00)} m_{010}^{(21)} m_{110}^{(20)} m_{012}^{(20)} - m_{010}^{(00)} m_{010}^{(21)} m_{110}^{(20)} m_{003}^{(10)} \\
&-m_{010}^{(00)} m_{010}^{(21)} m_{110}^{(22)} m_{210}^{(22)} + m_{010}^{(00)} m_{010}^{(21)} m_{110}^{(22)} m_{201}^{(21)} + m_{010}^{(00)} m_{010}^{(21)} m_{110}^{(22)} m_{111}^{(20)} \\
&-m_{010}^{(00)} m_{010}^{(21)} m_{110}^{(22)} m_{102}^{(10)} - m_{010}^{(00)} m_{010}^{(21)} m_{101}^{(10)} m_{111}^{(22)} + m_{010}^{(00)} m_{010}^{(21)} m_{101}^{(10)} m_{102}^{(21)} \\
&+m_{010}^{(00)} m_{010}^{(21)} m_{101}^{(10)} m_{012}^{(20)} - m_{010}^{(00)} m_{010}^{(21)} m_{101}^{(10)} m_{003}^{(10)} - 2m_{010}^{(00)} m_{010}^{(21)} m_{101}^{(20)} m_{111}^{(21)} \\
&+2m_{010}^{(00)} m_{010}^{(21)} m_{101}^{(20)} m_{102}^{(11)} + 2m_{010}^{(00)} m_{010}^{(21)} m_{101}^{(20)} m_{021}^{(20)} - 2m_{010}^{(00)} m_{010}^{(21)} m_{101}^{(20)} m_{012}^{(10)} \\
&+m_{010}^{(00)} m_{010}^{(21)} m_{101}^{(21)} m_{210}^{(22)} - m_{010}^{(00)} m_{010}^{(21)} m_{101}^{(21)} m_{201}^{(21)} - m_{010}^{(00)} m_{010}^{(21)} m_{101}^{(21)} m_{111}^{(20)} \\
&+m_{010}^{(00)} m_{010}^{(21)} m_{101}^{(21)} m_{102}^{(10)} + m_{010}^{(00)} m_{010}^{(21)} m_{011}^{(00)} m_{111}^{(22)} - m_{010}^{(00)} m_{010}^{(21)} m_{011}^{(00)} m_{102}^{(21)} \\
&-m_{010}^{(00)} m_{010}^{(21)} m_{011}^{(00)} m_{012}^{(20)} + m_{010}^{(00)} m_{010}^{(21)} m_{011}^{(00)} m_{003}^{(10)} + m_{010}^{(00)} m_{010}^{(21)} m_{011}^{(20)} m_{210}^{(22)} \\
&-m_{010}^{(00)} m_{010}^{(21)} m_{011}^{(20)} m_{201}^{(21)} - m_{010}^{(00)} m_{010}^{(21)} m_{011}^{(20)} m_{111}^{(20)} + m_{010}^{(00)} m_{010}^{(21)} m_{011}^{(20)} m_{102}^{(10)} \\
&+m_{010}^{(00)} m_{010}^{(21)} m_{002}^{(00)} m_{111}^{(21)} - m_{010}^{(00)} m_{010}^{(21)} m_{002}^{(00)} m_{102}^{(11)} - m_{010}^{(00)} m_{010}^{(21)} m_{002}^{(00)} m_{021}^{(20)} \\
&+m_{010}^{(00)} m_{010}^{(21)} m_{002}^{(00)} m_{012}^{(10)} - m_{010}^{(00)} m_{010}^{(21)} m_{002}^{(10)} m_{210}^{(22)} + m_{010}^{(00)} m_{010}^{(21)} m_{002}^{(10)} m_{201}^{(21)}
\end{aligned}
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\begin{aligned}
&+m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(10)}m_{111}^{(20)} - m_{010}^{(00)}m_{010}^{(21)}m_{002}^{(10)}m_{102}^{(10)} - m_{010}^{(00)}m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(21)}\\
&+m_{010}^{(00)}m_{010}^{(22)}m_{200}^{(21)}m_{102}^{(11)} + m_{010}^{(00)}m_{010}^{(22)}m_{200}^{(21)}m_{021}^{(20)} - m_{010}^{(00)}m_{010}^{(22)}m_{200}^{(21)}m_{012}^{(10)}\\
&+m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(21)} - m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(20)}m_{102}^{(11)} - m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(20)}m_{021}^{(20)}\\
&+m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(20)}m_{012}^{(10)} + m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(22)}m_{210}^{(21)} - m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(22)}m_{201}^{(11)}\\
&-m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(22)}m_{120}^{(20)} + m_{010}^{(00)}m_{010}^{(22)}m_{110}^{(22)}m_{111}^{(10)} + m_{010}^{(00)}m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(21)}\\
&-m_{010}^{(00)}m_{010}^{(22)}m_{101}^{(10)}m_{102}^{(11)} - m_{010}^{(00)}m_{010}^{(22)}m_{101}^{(10)}m_{021}^{(20)} + m_{010}^{(00)}m_{010}^{(22)}m_{101}^{(10)}m_{012}^{(10)}\\
&-m_{010}^{(00)}m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(21)} + m_{010}^{(00)}m_{010}^{(22)}m_{101}^{(21)}m_{201}^{(11)} + m_{010}^{(00)}m_{010}^{(22)}m_{101}^{(21)}m_{120}^{(20)}\\
&-m_{010}^{(00)}m_{010}^{(22)}m_{101}^{(21)}m_{111}^{(10)} - m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(00)}m_{111}^{(21)} + m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(00)}m_{102}^{(11)}\\
&+m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(00)}m_{021}^{(20)} - m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(00)}m_{012}^{(10)} - m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(21)}\\
&+m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(20)}m_{201}^{(11)} + m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(20)}m_{120}^{(20)} - m_{010}^{(00)}m_{010}^{(22)}m_{011}^{(20)}m_{111}^{(10)}\\
&+m_{010}^{(00)}m_{010}^{(22)}m_{002}^{(10)}m_{210}^{(21)} - m_{010}^{(00)}m_{010}^{(22)}m_{002}^{(10)}m_{201}^{(11)} - m_{010}^{(00)}m_{010}^{(22)}m_{002}^{(10)}m_{120}^{(20)}\\
&+m_{010}^{(00)}m_{010}^{(22)}m_{002}^{(10)}m_{111}^{(10)} + m_{010}^{(00)}m_{001}^{(00)}m_{110}^{(21)}m_{021}^{(22)} - 2m_{010}^{(00)}m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(00)}m_{110}^{(21)}m_{003}^{(11)} + m_{010}^{(00)}m_{001}^{(00)}m_{110}^{(22)}m_{030}^{(22)} - 2m_{010}^{(00)}m_{001}^{(00)}m_{110}^{(22)}m_{021}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(00)}m_{110}^{(22)}m_{012}^{(11)} - m_{010}^{(00)}m_{001}^{(00)}m_{101}^{(11)}m_{021}^{(22)} + 2m_{010}^{(00)}m_{001}^{(00)}m_{101}^{(11)}m_{012}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(00)}m_{101}^{(11)}m_{003}^{(11)} - m_{010}^{(00)}m_{001}^{(00)}m_{101}^{(21)}m_{030}^{(22)} + 2m_{010}^{(00)}m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(00)}m_{101}^{(21)}m_{012}^{(11)} - m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(20)}m_{021}^{(22)} + 2m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(20)}m_{012}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(00)}m_{020}^{(20)}m_{003}^{(11)} + m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(10)}m_{021}^{(22)} - 2m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(10)}m_{003}^{(11)} - m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(20)}m_{030}^{(22)} + 2m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(00)}m_{011}^{(20)}m_{012}^{(11)} + m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(10)}m_{030}^{(22)} - 2m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(10)}m_{021}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(00)}m_{002}^{(10)}m_{012}^{(11)} - m_{010}^{(00)}m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(22)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(10)}m_{200}^{(21)}m_{003}^{(11)} + m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(22)} - 2m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(20)}m_{003}^{(11)} - m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(22)} + m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(20)} - m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{003}^{(10)} - 2m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{120}^{(22)}\\
&+3m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(21)} - m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{102}^{(11)} + m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{021}^{(20)}\\
&-m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{012}^{(10)} + m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(22)} - 2m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(10)}m_{003}^{(11)} + m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(22)} - m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(11)}m_{102}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(11)}m_{012}^{(20)} + m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(11)}m_{003}^{(10)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(22)}\\
&-3m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(21)} + m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{102}^{(11)} - m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(20)}\\
&+m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{012}^{(10)} + m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{111}^{(22)} - m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{012}^{(20)} + m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{003}^{(10)} - m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(00)}m_{021}^{(22)}\\
&+2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(00)}m_{012}^{(21)} - m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(00)}m_{003}^{(11)} - m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(22)}\\
&+m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(21)} + m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{012}^{(20)} - m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{003}^{(10)}\\
&+2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(22)} - 3m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(21)} + m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{102}^{(11)}\\
&-m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{021}^{(20)} + m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{012}^{(10)} - 2m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{120}^{(22)}\\
&+3m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(21)} - m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{102}^{(11)} + m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{021}^{(20)}\\
&-m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{012}^{(10)} + m_{010}^{(00)}m_{001}^{(11)}m_{200}^{(21)}m_{111}^{(22)} - m_{010}^{(00)}m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(11)}m_{200}^{(21)}m_{012}^{(20)} + m_{010}^{(00)}m_{001}^{(11)}m_{200}^{(21)}m_{003}^{(10)} - m_{010}^{(00)}m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(22)}\\
&+m_{010}^{(00)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(21)} + m_{010}^{(00)}m_{001}^{(11)}m_{110}^{(20)}m_{012}^{(20)} - m_{010}^{(00)}m_{001}^{(11)}m_{110}^{(20)}m_{003}^{(10)}
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\begin{aligned}
&+m_{010}^{(00)}m_{001}^{(11)}m_{110}^{(22)}m_{210}^{(22)} - m_{010}^{(00)}m_{001}^{(11)}m_{110}^{(22)}m_{201}^{(21)} - m_{010}^{(00)}m_{001}^{(11)}m_{110}^{(22)}m_{111}^{(20)}\\
&+m_{010}^{(00)}m_{001}^{(11)}m_{110}^{(22)}m_{102}^{(10)} - m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(22)} + m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(10)}m_{012}^{(20)} - m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(10)}m_{003}^{(10)} - m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{210}^{(22)}\\
&+m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(21)} + m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(20)} - m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{102}^{(10)}\\
&+m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(00)}m_{111}^{(22)} - m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(00)}m_{102}^{(21)} - m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(00)}m_{012}^{(20)}\\
&+m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(00)}m_{003}^{(10)} - m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{210}^{(22)} + m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(20)} - m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{102}^{(10)} + m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(10)}m_{210}^{(22)}\\
&-m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(10)}m_{201}^{(21)} - m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(10)}m_{111}^{(20)} + m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(10)}m_{102}^{(10)}\\
&+m_{010}^{(00)}m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(22)} - 2m_{010}^{(00)}m_{001}^{(20)}m_{200}^{(11)}m_{012}^{(21)} + m_{010}^{(00)}m_{001}^{(20)}m_{200}^{(11)}m_{003}^{(11)}\\
&-2m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(22)} + 4m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(21)} - 2m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(10)}m_{003}^{(11)}\\
&+m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(21)} - m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{102}^{(11)} - m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(20)}\\
&+m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{012}^{(10)} + m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(22)}m_{120}^{(21)} - m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(22)}m_{111}^{(11)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(22)}m_{030}^{(20)} + m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(22)}m_{021}^{(10)} - m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{102}^{(11)} + m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{021}^{(20)} - m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{012}^{(10)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(21)} + m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{111}^{(11)} + m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{030}^{(20)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{021}^{(10)} + m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(00)}m_{021}^{(22)} - 2m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(00)}m_{012}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(00)}m_{003}^{(11)} - m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(21)} + m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{102}^{(11)}\\
&+m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{021}^{(20)} - m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{012}^{(10)} + m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{111}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{102}^{(11)} - m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{021}^{(20)} + m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{012}^{(10)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(21)} + m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{111}^{(11)} + m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{030}^{(20)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{021}^{(10)} + m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(10)}m_{120}^{(21)} - m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(10)}m_{111}^{(11)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(10)}m_{030}^{(20)} + m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(10)}m_{021}^{(10)} - m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(22)}\\
&+m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(11)}m_{102}^{(21)} + m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(11)}m_{012}^{(20)} - m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(11)}m_{003}^{(10)}\\
&-m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(21)} + m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(21)}m_{102}^{(11)} + m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(20)}\\
&-m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(21)}m_{012}^{(10)} + 2m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(22)} - 2m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(21)}\\
&-2m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{012}^{(20)} + 2m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{003}^{(10)} + m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{102}^{(11)} - m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{021}^{(20)} + m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{012}^{(10)}\\
&-m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(21)} + m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(22)}m_{201}^{(11)} + m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(22)}m_{120}^{(20)}\\
&-m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(22)}m_{111}^{(10)} + m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(21)} - m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{102}^{(11)}\\
&-m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(20)} + m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{012}^{(10)} + m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{201}^{(11)} - m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(20)} + m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{111}^{(10)}\\
&-m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(22)} + m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(00)}m_{102}^{(21)} + m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(00)}m_{012}^{(20)}\\
&-m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(00)}m_{003}^{(10)} - m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(21)} + m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(00)}m_{102}^{(11)}\\
&+m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(00)}m_{021}^{(20)} - m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(00)}m_{012}^{(10)} + m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{201}^{(11)} - m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{120}^{(20)} + m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{111}^{(10)}\\
&-m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(10)}m_{210}^{(21)} + m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(10)}m_{201}^{(11)} + m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(10)}m_{120}^{(20)}\\
&-m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(10)}m_{111}^{(10)} + m_{010}^{(00)}m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(21)} - m_{010}^{(00)}m_{001}^{(22)}m_{200}^{(11)}m_{102}^{(11)}\\
&-m_{010}^{(00)}m_{001}^{(22)}m_{200}^{(11)}m_{021}^{(20)} + m_{010}^{(00)}m_{001}^{(22)}m_{200}^{(11)}m_{012}^{(10)} - 2m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(21)}
\end{aligned}
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$$+2m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{102}^{(11)}+2m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{021}^{(20)}-2m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{012}^{(10)}$$
$$+m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(21)}-m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(00)}m_{102}^{(11)}-m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(00)}m_{021}^{(20)}$$
$$+m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(00)}m_{012}^{(10)}-(m_{010}^{(10)})^2m_{200}^{(22)}m_{111}^{(22)}+(m_{010}^{(10)})^2m_{200}^{(22)}m_{102}^{(21)}$$
$$+(m_{010}^{(10)})^2m_{200}^{(22)}m_{012}^{(20)}-(m_{010}^{(10)})^2m_{200}^{(22)}m_{003}^{(10)}-(m_{010}^{(10)})^2m_{110}^{(22)}m_{201}^{(22)}$$
$$+2(m_{010}^{(10)})^2m_{110}^{(22)}m_{102}^{(20)}-(m_{010}^{(10)})^2m_{110}^{(22)}m_{003}^{(00)}+2(m_{010}^{(10)})^2m_{101}^{(20)}m_{111}^{(22)}$$
$$-2(m_{010}^{(10)})^2m_{101}^{(20)}m_{102}^{(21)}-2(m_{010}^{(10)})^2m_{101}^{(20)}m_{012}^{(20)}+2(m_{010}^{(10)})^2m_{101}^{(20)}m_{003}^{(10)}$$
$$+(m_{010}^{(10)})^2m_{101}^{(21)}m_{201}^{(22)}-2(m_{010}^{(10)})^2m_{101}^{(21)}m_{102}^{(20)}+(m_{010}^{(10)})^2m_{101}^{(21)}m_{003}^{(00)}$$
$$+(m_{010}^{(10)})^2m_{011}^{(20)}m_{201}^{(22)}-2(m_{010}^{(10)})^2m_{011}^{(20)}m_{102}^{(20)}+(m_{010}^{(10)})^2m_{011}^{(20)}m_{003}^{(00)}$$
$$-(m_{010}^{(10)})^2m_{002}^{(00)}m_{111}^{(22)}+(m_{010}^{(10)})^2m_{002}^{(00)}m_{102}^{(21)}+(m_{010}^{(10)})^2m_{002}^{(00)}m_{012}^{(20)}$$
$$-(m_{010}^{(10)})^2m_{002}^{(00)}m_{003}^{(10)}-(m_{010}^{(10)})^2m_{002}^{(10)}m_{201}^{(22)}+2(m_{010}^{(10)})^2m_{002}^{(10)}m_{102}^{(20)}$$
$$-(m_{010}^{(10)})^2m_{002}^{(10)}m_{003}^{(00)}+m_{010}^{(10)}m_{010}^{(11)}m_{200}^{(22)}m_{201}^{(22)}-2m_{010}^{(10)}m_{010}^{(11)}m_{200}^{(22)}m_{102}^{(20)}$$
$$+m_{010}^{(10)}m_{010}^{(11)}m_{200}^{(22)}m_{003}^{(00)}-2m_{010}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{201}^{(22)}+4m_{010}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{102}^{(20)}$$
$$-2m_{010}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{003}^{(00)}+m_{010}^{(10)}m_{010}^{(11)}m_{002}^{(00)}m_{201}^{(22)}-2m_{010}^{(10)}m_{010}^{(11)}m_{002}^{(00)}m_{102}^{(20)}$$
$$+m_{010}^{(10)}m_{010}^{(11)}m_{002}^{(00)}m_{003}^{(00)}+m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{111}^{(22)}-m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{102}^{(21)}$$
$$-m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{012}^{(20)}+m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{003}^{(10)}-m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(22)}m_{120}^{(22)}$$
$$+3m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(22)}m_{111}^{(21)}-2m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(22)}m_{102}^{(11)}-m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(22)}m_{021}^{(20)}$$
$$+m_{010}^{(10)}m_{010}^{(20)}m_{200}^{(22)}m_{012}^{(10)}-m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{111}^{(22)}+m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{102}^{(21)}$$
$$+m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(20)}-m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{003}^{(10)}-m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{210}^{(22)}$$
$$+3m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{201}^{(21)}-m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{111}^{(20)}-3m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{102}^{(10)}$$
$$+2m_{010}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{012}^{(00)}-m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{111}^{(22)}+m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{102}^{(21)}$$
$$+m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{012}^{(20)}-m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{003}^{(10)}+2m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(20)}m_{120}^{(22)}$$
$$-6m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(20)}m_{111}^{(21)}+4m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(20)}m_{102}^{(11)}+2m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(20)}m_{021}^{(20)}$$
$$-2m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(20)}m_{012}^{(10)}+m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{210}^{(22)}-3m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{201}^{(21)}$$
$$+m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(20)}+3m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{102}^{(10)}-2m_{010}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{012}^{(00)}$$
$$+m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(00)}m_{111}^{(22)}-m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(00)}m_{102}^{(21)}-m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(00)}m_{012}^{(20)}$$
$$+m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(00)}m_{003}^{(10)}+m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{210}^{(22)}-3m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{201}^{(21)}$$
$$+m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(20)}+3m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{102}^{(10)}-2m_{010}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{012}^{(00)}$$
$$-m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(00)}m_{120}^{(22)}+3m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(00)}m_{111}^{(21)}-2m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(00)}m_{102}^{(11)}$$
$$-m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(00)}m_{021}^{(20)}+m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(00)}m_{012}^{(10)}-m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{210}^{(22)}$$
$$+3m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{201}^{(21)}-m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{111}^{(20)}-3m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{102}^{(10)}$$
$$+2m_{010}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{012}^{(00)}-m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{201}^{(22)}+2m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{102}^{(20)}$$
$$-m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{003}^{(00)}+m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{210}^{(22)}-2m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{201}^{(21)}$$
$$+2m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{102}^{(10)}-m_{010}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{012}^{(00)}+m_{010}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{201}^{(22)}$$
$$-2m_{010}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(20)}+m_{010}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{003}^{(00)}+m_{010}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{300}^{(22)}$$
$$-2m_{010}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{201}^{(20)}+m_{010}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{102}^{(00)}+m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{201}^{(22)}$$
$$-2m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{102}^{(20)}+m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{003}^{(00)}-2m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{210}^{(22)}$$
$$+4m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{201}^{(21)}-4m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{102}^{(10)}+2m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{012}^{(00)}$$
$$-m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{300}^{(22)}+2m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{201}^{(20)}-m_{010}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{102}^{(00)}$$

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\begin{aligned}
&-m_{010}^{(10)}m_{010}^{(21)}m_{011}^{(00)}m_{201}^{(22)}+2m_{010}^{(10)}m_{010}^{(21)}m_{011}^{(00)}m_{102}^{(20)}-m_{010}^{(10)}m_{010}^{(21)}m_{011}^{(00)}m_{003}^{(00)}\\
&-m_{010}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{300}^{(22)}+2m_{010}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(20)}-m_{010}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{102}^{(00)}\\
&+m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(00)}m_{210}^{(22)}-2m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(00)}m_{201}^{(21)}+2m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(00)}m_{102}^{(10)}\\
&-m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(00)}m_{012}^{(00)}+m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{300}^{(22)}-2m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{201}^{(20)}\\
&+m_{010}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{102}^{(00)}+m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(21)}m_{201}^{(21)}-m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(20)}\\
&-m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(21)}m_{102}^{(10)}+m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(21)}m_{012}^{(00)}-m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(22)}m_{210}^{(21)}\\
&+m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(22)}m_{201}^{(11)}+m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(22)}m_{120}^{(20)}-m_{010}^{(10)}m_{010}^{(22)}m_{200}^{(22)}m_{111}^{(10)}\\
&-m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{201}^{(21)}+m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(20)}+m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{102}^{(10)}\\
&-m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{012}^{(00)}-m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(22)}m_{300}^{(21)}+m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(22)}m_{210}^{(20)}\\
&+m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(22)}m_{201}^{(10)}-m_{010}^{(10)}m_{010}^{(22)}m_{110}^{(22)}m_{111}^{(00)}-m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{201}^{(21)}\\
&+m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(20)}+m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{102}^{(10)}-m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{012}^{(00)}\\
&+2m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{210}^{(21)}-2m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{201}^{(11)}-2m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(20)}\\
&+2m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{111}^{(10)}+m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{300}^{(21)}-m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(20)}\\
&-m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{201}^{(10)}+m_{010}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{111}^{(00)}+m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{201}^{(21)}\\
&-m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{111}^{(20)}-m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{102}^{(10)}+m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{012}^{(00)}\\
&+m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{300}^{(21)}-m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(20)}-m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{201}^{(10)}\\
&+m_{010}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{111}^{(00)}-m_{010}^{(10)}m_{010}^{(22)}m_{002}^{(00)}m_{210}^{(21)}+m_{010}^{(10)}m_{010}^{(22)}m_{002}^{(00)}m_{201}^{(11)}\\
&+m_{010}^{(10)}m_{010}^{(22)}m_{002}^{(00)}m_{120}^{(20)}-m_{010}^{(10)}m_{010}^{(22)}m_{002}^{(00)}m_{111}^{(10)}-m_{010}^{(10)}m_{010}^{(22)}m_{002}^{(10)}m_{300}^{(21)}\\
&+m_{010}^{(10)}m_{010}^{(22)}m_{002}^{(10)}m_{210}^{(20)}+m_{010}^{(10)}m_{010}^{(22)}m_{002}^{(10)}m_{201}^{(10)}-m_{010}^{(10)}m_{010}^{(22)}m_{002}^{(10)}m_{111}^{(00)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{200}^{(22)}m_{030}^{(22)}+2m_{010}^{(10)}m_{001}^{(00)}m_{200}^{(22)}m_{021}^{(21)}-m_{010}^{(10)}m_{001}^{(00)}m_{200}^{(22)}m_{012}^{(11)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{111}^{(22)}+m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{102}^{(21)}+m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{003}^{(10)}-m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(22)}m_{120}^{(22)}+m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(22)}m_{111}^{(21)}\\
&+m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(22)}m_{021}^{(20)}-m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(22)}m_{012}^{(10)}+m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(11)}m_{111}^{(22)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(11)}m_{102}^{(21)}-m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(11)}m_{012}^{(20)}+m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(11)}m_{003}^{(10)}\\
&+2m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(20)}m_{030}^{(22)}-4m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(20)}m_{021}^{(21)}+2m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(20)}m_{012}^{(11)}\\
&+m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{120}^{(22)}-m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{111}^{(21)}-m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{012}^{(10)}+m_{010}^{(10)}m_{001}^{(00)}m_{020}^{(20)}m_{111}^{(22)}-m_{010}^{(10)}m_{001}^{(00)}m_{020}^{(20)}m_{102}^{(21)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{020}^{(20)}m_{012}^{(20)}+m_{010}^{(10)}m_{001}^{(00)}m_{020}^{(20)}m_{003}^{(10)}-m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(22)}\\
&+m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{102}^{(21)}+m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(20)}-m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{003}^{(10)}\\
&+m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{120}^{(22)}-m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(21)}-m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{012}^{(10)}-m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(00)}m_{030}^{(22)}+2m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(00)}m_{021}^{(21)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(00)}m_{012}^{(11)}-m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{120}^{(22)}+m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{111}^{(21)}\\
&+m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{021}^{(20)}-m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{012}^{(10)}+m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{111}^{(22)}\\
&-m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{102}^{(21)}-m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(20)}+m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{003}^{(10)}\\
&+2m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(22)}m_{120}^{(22)}-3m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(22)}m_{111}^{(21)}+m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(22)}m_{102}^{(11)}\\
&-m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(22)}m_{021}^{(20)}+m_{010}^{(10)}m_{001}^{(10)}m_{200}^{(22)}m_{012}^{(10)}-m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(22)}\\
&+m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{102}^{(21)}+m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(20)}-m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{003}^{(10)}\\
&+m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{201}^{(22)}-2m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(20)}+m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{003}^{(00)}
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&+2m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{210}^{(22)} - m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{201}^{(21)} - 3m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{102}^{(10)} + m_{010}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{012}^{(00)} - m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(22)}\\
&+m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{102}^{(21)} + m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(20)} - m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{003}^{(10)}\\
&-m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{201}^{(22)} + 2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{102}^{(20)} - m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{003}^{(00)}\\
&-4m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{120}^{(22)} + 6m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(21)} - 2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{102}^{(11)}\\
&+2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(20)} - 2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{012}^{(10)} - 2m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{210}^{(22)}\\
&+m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{201}^{(21)} + 3m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(20)} - m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{102}^{(10)}\\
&-m_{010}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{012}^{(00)} - m_{010}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{201}^{(22)} + 2m_{010}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{003}^{(00)} + m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{111}^{(22)} - m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{102}^{(21)}\\
&-m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{012}^{(20)} + m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{003}^{(10)} + m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(22)}\\
&-2m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(20)} + m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{003}^{(00)} - 2m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(22)}\\
&+m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(21)} + 3m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(20)} - m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{102}^{(10)}\\
&-m_{010}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{012}^{(00)} + 2m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(00)}m_{120}^{(22)} - 3m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(00)}m_{111}^{(21)}\\
&+m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(00)}m_{102}^{(11)} - m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(00)}m_{021}^{(20)} + m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(00)}m_{012}^{(10)}\\
&+2m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{210}^{(22)} - m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{201}^{(21)} - 3m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{102}^{(10)} + m_{010}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{012}^{(00)} - m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{201}^{(22)}\\
&+2m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(20)} - m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{003}^{(00)} - m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{210}^{(22)}\\
&+m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{201}^{(21)} + m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{111}^{(20)} - m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{102}^{(10)}\\
&+m_{010}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{201}^{(22)} - 2m_{010}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(20)} + m_{010}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{003}^{(00)}\\
&-m_{010}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{300}^{(22)} + 2m_{010}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{201}^{(20)} - m_{010}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{102}^{(00)}\\
&+m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(22)} - 2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(20)} + m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{003}^{(00)}\\
&+2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{210}^{(22)} - 2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{201}^{(21)} - 2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(20)}\\
&+2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{102}^{(10)} + m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{300}^{(22)} - 2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{102}^{(00)} - m_{010}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{201}^{(22)} + 2m_{010}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{102}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{003}^{(00)} + m_{010}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{300}^{(22)} - 2m_{010}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{102}^{(00)} - m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(00)}m_{210}^{(22)} + m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(00)}m_{201}^{(21)}\\
&+m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(00)}m_{111}^{(20)} - m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(00)}m_{102}^{(10)} - m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{300}^{(22)}\\
&+2m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{201}^{(20)} - m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{102}^{(00)} - m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{111}^{(22)}\\
&+m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{102}^{(21)} + m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{012}^{(20)} - m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{003}^{(10)}\\
&-m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(22)}m_{120}^{(21)} + m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(22)}m_{111}^{(11)} + m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(22)}m_{030}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(20)}m_{200}^{(22)}m_{021}^{(10)} + 2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(22)} - 2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{102}^{(21)}\\
&-2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(20)} + 2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{003}^{(10)} - m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{201}^{(21)}\\
&+m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(20)} + m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{102}^{(10)} - m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{012}^{(00)}\\
&-m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{210}^{(21)} + m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{120}^{(20)} + m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{111}^{(10)}\\
&-m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{021}^{(00)} + m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{201}^{(21)} - m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{102}^{(10)} + m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{012}^{(00)} + 2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(21)}\\
&-2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{111}^{(11)} - 2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(20)} + 2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{021}^{(10)}\\
&+m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{210}^{(21)} - m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(20)} - m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{111}^{(10)}
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&+m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{021}^{(00)} - m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(22)} + m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{102}^{(21)}\\
&+m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{012}^{(20)} - m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{003}^{(10)} + m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{201}^{(21)}\\
&-m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(20)} - m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{102}^{(10)} + m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{012}^{(00)}\\
&-m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(21)} + m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(20)} + m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{102}^{(10)}\\
&-m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{012}^{(00)} + m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(21)} - m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{111}^{(10)} + m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{021}^{(00)} - m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(00)}m_{120}^{(21)}\\
&+m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(00)}m_{111}^{(11)} + m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(00)}m_{030}^{(20)} - m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(00)}m_{021}^{(10)}\\
&-m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{210}^{(21)} + m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{120}^{(20)} + m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{111}^{(10)}\\
&-m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{021}^{(00)} + m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{201}^{(22)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{102}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{003}^{(00)} + m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{201}^{(21)} - m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{102}^{(10)} + m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{012}^{(00)} + m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(22)}m_{210}^{(21)}\\
&-m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(22)}m_{201}^{(11)} - m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(22)}m_{120}^{(20)} + m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(22)}m_{111}^{(10)}\\
&-2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(22)} + 4m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(20)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{003}^{(00)}\\
&-m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(21)} + m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(20)} + m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{102}^{(10)}\\
&-m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{012}^{(00)} + m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{300}^{(21)} - m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{201}^{(10)} + m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{111}^{(00)} - m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{201}^{(21)}\\
&+m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(20)} + m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{102}^{(10)} - m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{012}^{(00)}\\
&-2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(21)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{201}^{(11)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{111}^{(10)} - m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{300}^{(21)} + m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{201}^{(10)} - m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{111}^{(00)} + m_{010}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(22)}\\
&-2m_{010}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{102}^{(20)} + m_{010}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{003}^{(00)} + m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{201}^{(21)}\\
&-m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(20)} - m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{102}^{(10)} + m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{012}^{(00)}\\
&-m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(21)} + m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(20)} + m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{201}^{(10)}\\
&-m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{111}^{(00)} + m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(00)}m_{210}^{(21)} - m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(00)}m_{201}^{(11)}\\
&-m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(00)}m_{120}^{(20)} + m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(00)}m_{111}^{(10)} + m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{300}^{(21)}\\
&-m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{210}^{(20)} - m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{201}^{(10)} + m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{111}^{(00)}\\
&-m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{201}^{(21)} + m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(20)} + m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{102}^{(10)}\\
&-m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{012}^{(00)} + 2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{201}^{(21)} - 2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{102}^{(10)} + 2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{012}^{(00)} - m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{201}^{(21)}\\
&+m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(20)} + m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{102}^{(10)} - m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{012}^{(00)}\\
&+m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(22)}m_{210}^{(22)} - 2m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(22)}m_{201}^{(21)} + 2m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(22)}m_{102}^{(10)}\\
&-m_{010}^{(11)}m_{010}^{(20)}m_{200}^{(22)}m_{012}^{(00)} - 2m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{210}^{(22)} + 4m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{201}^{(21)}\\
&-4m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{102}^{(10)} + 2m_{010}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{012}^{(00)} + m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(00)}m_{210}^{(22)}\\
&-2m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(00)}m_{201}^{(21)} + 2m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(00)}m_{102}^{(10)} - m_{010}^{(11)}m_{010}^{(20)}m_{002}^{(00)}m_{012}^{(00)}\\
&-m_{010}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{300}^{(22)} + 2m_{010}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{201}^{(20)} - m_{010}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{102}^{(00)}\\
&+2m_{010}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{300}^{(22)} - 4m_{010}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{201}^{(20)} + 2m_{010}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{102}^{(00)}\\
&-m_{010}^{(11)}m_{010}^{(21)}m_{002}^{(00)}m_{300}^{(22)} + 2m_{010}^{(11)}m_{010}^{(21)}m_{002}^{(00)}m_{201}^{(20)} - m_{010}^{(11)}m_{010}^{(21)}m_{002}^{(00)}m_{102}^{(00)}\\
&+m_{010}^{(11)}m_{010}^{(22)}m_{200}^{(22)}m_{300}^{(21)} - m_{010}^{(11)}m_{010}^{(22)}m_{200}^{(22)}m_{210}^{(20)} - m_{010}^{(11)}m_{010}^{(22)}m_{200}^{(22)}m_{201}^{(10)}
\end{aligned}
$$

$$+m_{010}^{(11)}m_{010}^{(22)}m_{200}^{(22)}m_{111}^{(00)} - 2m_{010}^{(11)}m_{010}^{(22)}m_{101}^{(20)}m_{300}^{(21)} + 2m_{010}^{(11)}m_{010}^{(22)}m_{101}^{(20)}m_{210}^{(20)}$$
$$+2m_{010}^{(11)}m_{010}^{(22)}m_{101}^{(20)}m_{201}^{(10)} - 2m_{010}^{(11)}m_{010}^{(22)}m_{101}^{(20)}m_{111}^{(00)} + m_{010}^{(11)}m_{010}^{(22)}m_{002}^{(00)}m_{300}^{(21)}$$
$$-m_{010}^{(11)}m_{010}^{(22)}m_{002}^{(00)}m_{210}^{(20)} - m_{010}^{(11)}m_{010}^{(22)}m_{002}^{(00)}m_{201}^{(10)} + m_{010}^{(11)}m_{010}^{(22)}m_{002}^{(00)}m_{111}^{(00)}$$
$$+m_{010}^{(11)}m_{001}^{(00)}m_{200}^{(22)}m_{120}^{(22)} - m_{010}^{(11)}m_{001}^{(00)}m_{200}^{(22)}m_{111}^{(21)} - m_{010}^{(11)}m_{001}^{(00)}m_{200}^{(22)}m_{021}^{(20)}$$
$$+m_{010}^{(11)}m_{001}^{(00)}m_{200}^{(22)}m_{012}^{(10)} - 2m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{120}^{(22)} + 2m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{111}^{(21)}$$
$$+2m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{021}^{(20)} - 2m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{012}^{(10)} + m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(00)}m_{120}^{(22)}$$
$$-m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(00)}m_{111}^{(21)} - m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(00)}m_{021}^{(20)} + m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(00)}m_{012}^{(10)}$$
$$-2m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{210}^{(22)} + m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{201}^{(21)} + 3m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{111}^{(20)}$$
$$-m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{102}^{(10)} - m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{012}^{(00)} + 4m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{210}^{(22)}$$
$$-2m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{201}^{(21)} - 6m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(20)} + 2m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{102}^{(10)}$$
$$+2m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{012}^{(00)} - 2m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(00)}m_{210}^{(22)} + m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(00)}m_{201}^{(21)}$$
$$+3m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(00)}m_{111}^{(20)} - m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(00)}m_{102}^{(10)} - m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(00)}m_{012}^{(00)}$$
$$+m_{010}^{(11)}m_{001}^{(11)}m_{200}^{(22)}m_{300}^{(22)} - 2m_{010}^{(11)}m_{001}^{(11)}m_{200}^{(22)}m_{201}^{(20)} + m_{010}^{(11)}m_{001}^{(11)}m_{200}^{(22)}m_{102}^{(00)}$$
$$-2m_{010}^{(11)}m_{001}^{(11)}m_{101}^{(20)}m_{300}^{(22)} + 4m_{010}^{(11)}m_{001}^{(11)}m_{101}^{(20)}m_{201}^{(20)} - 2m_{010}^{(11)}m_{001}^{(11)}m_{101}^{(20)}m_{102}^{(00)}$$
$$+m_{010}^{(11)}m_{001}^{(11)}m_{002}^{(00)}m_{300}^{(22)} - 2m_{010}^{(11)}m_{001}^{(11)}m_{002}^{(00)}m_{201}^{(20)} + m_{010}^{(11)}m_{001}^{(11)}m_{002}^{(00)}m_{102}^{(00)}$$
$$+m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(22)}m_{210}^{(21)} - m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(22)}m_{120}^{(20)} - m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(22)}m_{111}^{(10)}$$
$$+m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(22)}m_{021}^{(00)} - 2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{210}^{(21)} + 2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(20)}$$
$$+2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{111}^{(10)} - 2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{021}^{(00)} + m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(00)}m_{210}^{(21)}$$
$$-m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(00)}m_{120}^{(20)} - m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(00)}m_{111}^{(10)} + m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(00)}m_{021}^{(00)}$$
$$-m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(22)}m_{300}^{(21)} + m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(22)}m_{210}^{(20)} + m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(22)}m_{201}^{(10)}$$
$$-m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(22)}m_{111}^{(00)} + 2m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{300}^{(21)} - 2m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(20)}$$
$$-2m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{201}^{(10)} + 2m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{111}^{(00)} - m_{010}^{(11)}m_{001}^{(21)}m_{002}^{(00)}m_{300}^{(21)}$$
$$+m_{010}^{(11)}m_{001}^{(21)}m_{002}^{(00)}m_{210}^{(20)} + m_{010}^{(11)}m_{001}^{(21)}m_{002}^{(00)}m_{201}^{(10)} - m_{010}^{(11)}m_{001}^{(21)}m_{002}^{(00)}m_{111}^{(00)}$$
$$+(m_{010}^{(20)})^2m_{200}^{(21)}m_{120}^{(22)} - 3(m_{010}^{(20)})^2m_{200}^{(21)}m_{111}^{(21)} + 2(m_{010}^{(20)})^2m_{200}^{(21)}m_{102}^{(11)}$$
$$+(m_{010}^{(20)})^2m_{200}^{(21)}m_{021}^{(20)} - (m_{010}^{(20)})^2m_{200}^{(21)}m_{012}^{(10)} - (m_{010}^{(20)})^2m_{110}^{(20)}m_{120}^{(22)}$$
$$+3(m_{010}^{(20)})^2m_{110}^{(20)}m_{111}^{(21)} - 2(m_{010}^{(20)})^2m_{110}^{(20)}m_{102}^{(11)} - (m_{010}^{(20)})^2m_{110}^{(20)}m_{021}^{(20)}$$
$$+(m_{010}^{(20)})^2m_{110}^{(20)}m_{012}^{(10)} + (m_{010}^{(20)})^2m_{110}^{(22)}m_{210}^{(21)} - 2(m_{010}^{(20)})^2m_{110}^{(22)}m_{201}^{(11)}$$
$$-(m_{010}^{(20)})^2m_{110}^{(22)}m_{120}^{(20)} + 3(m_{010}^{(20)})^2m_{110}^{(22)}m_{111}^{(10)} - (m_{010}^{(20)})^2m_{110}^{(22)}m_{021}^{(00)}$$
$$-(m_{010}^{(20)})^2m_{101}^{(10)}m_{120}^{(22)} + 3(m_{010}^{(20)})^2m_{101}^{(10)}m_{111}^{(21)} - 2(m_{010}^{(20)})^2m_{101}^{(10)}m_{102}^{(11)}$$
$$-(m_{010}^{(20)})^2m_{101}^{(10)}m_{021}^{(20)} + (m_{010}^{(20)})^2m_{101}^{(10)}m_{012}^{(10)} - (m_{010}^{(20)})^2m_{101}^{(21)}m_{210}^{(21)}$$
$$+2(m_{010}^{(20)})^2m_{101}^{(21)}m_{201}^{(11)} + (m_{010}^{(20)})^2m_{101}^{(21)}m_{120}^{(20)} - 3(m_{010}^{(20)})^2m_{101}^{(21)}m_{111}^{(10)}$$
$$+(m_{010}^{(20)})^2m_{101}^{(21)}m_{021}^{(00)} + (m_{010}^{(20)})^2m_{011}^{(00)}m_{120}^{(22)} - 3(m_{010}^{(20)})^2m_{011}^{(00)}m_{111}^{(21)}$$
$$+2(m_{010}^{(20)})^2m_{011}^{(00)}m_{102}^{(11)} + (m_{010}^{(20)})^2m_{011}^{(00)}m_{021}^{(20)} - (m_{010}^{(20)})^2m_{011}^{(00)}m_{012}^{(10)}$$
$$-(m_{010}^{(20)})^2m_{011}^{(20)}m_{210}^{(21)} + 2(m_{010}^{(20)})^2m_{011}^{(20)}m_{201}^{(11)} + (m_{010}^{(20)})^2m_{011}^{(20)}m_{120}^{(20)}$$
$$-3(m_{010}^{(20)})^2m_{011}^{(20)}m_{111}^{(10)} + (m_{010}^{(20)})^2m_{011}^{(20)}m_{021}^{(00)} + (m_{010}^{(20)})^2m_{002}^{(10)}m_{210}^{(21)}$$
$$-2(m_{010}^{(20)})^2m_{002}^{(10)}m_{201}^{(11)} - (m_{010}^{(20)})^2m_{002}^{(10)}m_{120}^{(20)} + 3(m_{010}^{(20)})^2m_{002}^{(10)}m_{111}^{(10)}$$
$$-(m_{010}^{(20)})^2m_{002}^{(10)}m_{021}^{(00)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{210}^{(22)} + 3m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{201}^{(21)}$$
$$+m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(20)} - 3m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{102}^{(10)} + m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{012}^{(00)}$$

$$
\begin{aligned}
&-m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(22)}m_{210}^{(21)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(22)}m_{201}^{(11)} + m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(22)}m_{120}^{(20)}\\
&-3m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(22)}m_{111}^{(10)} + m_{010}^{(20)}m_{010}^{(21)}m_{200}^{(22)}m_{021}^{(00)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{210}^{(22)}\\
&-3m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{201}^{(21)} - m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(20)} + 3m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(10)}\\
&-m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{012}^{(00)} - m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(22)}m_{300}^{(21)} + m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(22)}m_{210}^{(20)}\\
&+m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(22)}m_{201}^{(10)} - m_{010}^{(20)}m_{010}^{(21)}m_{110}^{(22)}m_{111}^{(00)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{210}^{(22)}\\
&-3m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{201}^{(21)} - m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(20)} + 3m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{102}^{(10)}\\
&-m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{012}^{(00)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{210}^{(21)} - 4m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{201}^{(11)}\\
&-2m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(20)} + 6m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(10)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{021}^{(00)}\\
&+m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{300}^{(21)} - m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{210}^{(20)} - m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{201}^{(10)}\\
&+m_{010}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(00)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{210}^{(22)} + 3m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{201}^{(21)}\\
&+m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{111}^{(20)} - 3m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{102}^{(10)} + m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{012}^{(00)}\\
&+m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{300}^{(21)} - m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(20)} - m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(10)}\\
&+m_{010}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{111}^{(00)} - m_{010}^{(20)}m_{010}^{(21)}m_{002}^{(00)}m_{210}^{(21)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{002}^{(00)}m_{201}^{(11)}\\
&+m_{010}^{(20)}m_{010}^{(21)}m_{002}^{(00)}m_{120}^{(20)} - 3m_{010}^{(20)}m_{010}^{(21)}m_{002}^{(00)}m_{111}^{(10)} + m_{010}^{(20)}m_{010}^{(21)}m_{002}^{(00)}m_{021}^{(00)}\\
&-m_{010}^{(20)}m_{010}^{(21)}m_{002}^{(10)}m_{300}^{(21)} + m_{010}^{(20)}m_{010}^{(21)}m_{002}^{(10)}m_{210}^{(20)} + m_{010}^{(20)}m_{010}^{(21)}m_{002}^{(10)}m_{201}^{(10)}\\
&-m_{010}^{(20)}m_{010}^{(21)}m_{002}^{(10)}m_{111}^{(00)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{210}^{(21)} - 3m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{201}^{(11)}\\
&-2m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{120}^{(20)} + 4m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(10)} - m_{010}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{021}^{(00)}\\
&-2m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{210}^{(21)} + 3m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{201}^{(11)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{120}^{(20)}\\
&-4m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(10)} + m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{021}^{(00)} + m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(22)}m_{300}^{(11)}\\
&-2m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(22)}m_{210}^{(10)} + m_{010}^{(20)}m_{010}^{(22)}m_{110}^{(22)}m_{120}^{(00)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(10)}m_{210}^{(21)}\\
&+3m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(10)}m_{201}^{(11)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(10)}m_{120}^{(20)} - 4m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(10)}\\
&+m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(10)}m_{021}^{(00)} - m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(21)}m_{300}^{(11)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(10)}\\
&-m_{010}^{(20)}m_{010}^{(22)}m_{101}^{(21)}m_{120}^{(00)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(00)}m_{210}^{(21)} - 3m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(00)}m_{201}^{(11)}\\
&-2m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(00)}m_{120}^{(20)} + 4m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(00)}m_{111}^{(10)} - m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(00)}m_{021}^{(00)}\\
&-m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(20)}m_{300}^{(11)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(10)} - m_{010}^{(20)}m_{010}^{(22)}m_{011}^{(20)}m_{120}^{(00)}\\
&+m_{010}^{(20)}m_{010}^{(22)}m_{002}^{(10)}m_{300}^{(11)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{002}^{(10)}m_{210}^{(10)} + m_{010}^{(20)}m_{010}^{(22)}m_{002}^{(10)}m_{120}^{(00)}\\
&+m_{010}^{(20)}m_{001}^{(00)}m_{200}^{(21)}m_{030}^{(22)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{200}^{(21)}m_{021}^{(21)} + m_{010}^{(20)}m_{001}^{(00)}m_{200}^{(21)}m_{012}^{(11)}\\
&-m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(20)}m_{030}^{(22)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(20)}m_{021}^{(21)} - m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(20)}m_{012}^{(11)}\\
&-m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{120}^{(22)} + 3m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{111}^{(21)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{102}^{(11)}\\
&-m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{021}^{(20)} + m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(10)} + m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(22)}m_{120}^{(21)}\\
&-m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(22)}m_{111}^{(11)} - m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(22)}m_{030}^{(20)} + m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(22)}m_{021}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(10)}m_{030}^{(22)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(10)}m_{021}^{(21)} - m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(10)}m_{012}^{(11)}\\
&+m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(11)}m_{120}^{(22)} - 3m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(11)}m_{111}^{(21)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(11)}m_{102}^{(11)}\\
&+m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(11)}m_{021}^{(20)} - m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(11)}m_{012}^{(10)} - m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(21)}m_{120}^{(21)}\\
&+m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(21)}m_{111}^{(11)} + m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(21)}m_{030}^{(20)} - m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(20)}m_{120}^{(22)} - 3m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(20)}m_{111}^{(21)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(20)}m_{102}^{(11)}\\
&+m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(20)}m_{021}^{(20)} - m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(20)}m_{012}^{(10)} + m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(00)}m_{030}^{(22)}\\
&-2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(00)}m_{021}^{(21)} + m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(00)}m_{012}^{(11)} - m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{120}^{(22)}
\end{aligned}
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\begin{aligned}
&+3m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(21)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{102}^{(11)} - m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{021}^{(20)}\\
&+m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(10)} - m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(20)}m_{120}^{(21)} + m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(11)}\\
&+m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(20)}m_{030}^{(20)} - m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(10)} + m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(10)}m_{120}^{(21)}\\
&-m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(10)}m_{111}^{(11)} - m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(10)}m_{030}^{(20)} + m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(10)}m_{021}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(21)}m_{120}^{(22)} + m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(21)}m_{102}^{(11)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(20)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(10)} + m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{120}^{(22)} - m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{102}^{(11)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(20)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(10)} + m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{210}^{(22)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{201}^{(21)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(10)} - m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(00)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{210}^{(21)} + m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{201}^{(11)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{120}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{021}^{(00)} + m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{120}^{(22)} - m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{102}^{(11)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(20)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(10)} - m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{210}^{(22)}\\
&+2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{201}^{(21)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{102}^{(10)} + m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{012}^{(00)}\\
&+2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{210}^{(21)} - m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{201}^{(11)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(20)}\\
&+m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(00)} - m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{210}^{(22)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{201}^{(21)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(10)} + m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{012}^{(00)} - m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(00)}m_{120}^{(22)}\\
&+m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(00)}m_{102}^{(11)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(00)}m_{021}^{(20)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(00)}m_{012}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{210}^{(22)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(21)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{012}^{(00)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(21)} - m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(11)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(20)} + m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{021}^{(00)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{210}^{(21)}\\
&+m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{201}^{(11)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{120}^{(20)} - m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{021}^{(00)}\\
&+m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(21)}m_{201}^{(21)} - m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(21)}m_{111}^{(20)} - m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(21)}m_{012}^{(00)} - m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{201}^{(21)} + m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(20)}\\
&+m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(10)} - m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{012}^{(00)} + m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(22)}m_{300}^{(21)}\\
&-m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(22)}m_{210}^{(20)} - m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(22)}m_{201}^{(10)} + m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(22)}m_{111}^{(00)}\\
&-m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(21)} + m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(20)} + m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{012}^{(00)} - m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{300}^{(21)} + m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{210}^{(20)}\\
&+m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(10)} - m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(00)} + m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(00)}m_{201}^{(21)}\\
&-m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(00)}m_{111}^{(20)} - m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(00)}m_{102}^{(10)} + m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(00)}m_{012}^{(00)}\\
&-m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{300}^{(21)} + m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{210}^{(20)} + m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(00)} + m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(10)}m_{300}^{(21)} - m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(10)}m_{210}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(10)}m_{201}^{(10)} + m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(10)}m_{111}^{(00)} - m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(11)}m_{120}^{(22)}\\
&+3m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(11)}m_{111}^{(21)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(11)}m_{102}^{(11)} - m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(20)}\\
&+m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(11)}m_{012}^{(10)} + m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(21)}m_{120}^{(21)} - m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(21)}m_{111}^{(11)}\\
&-m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(21)}m_{030}^{(20)} + m_{010}^{(20)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(10)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{120}^{(22)}\\
&-6m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(21)} + 4m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{102}^{(11)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(20)}\\
&-2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(10)} - m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(21)} + m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(11)}\\
&+m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(20)}m_{030}^{(20)} - m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(10)} - m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(21)}\\
&+2m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{201}^{(11)} + m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(20)} - 3m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(10)}
\end{aligned}
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\begin{aligned}
&+m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(00)} + m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(22)}m_{210}^{(11)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(20)}m_{110}^{(22)}m_{030}^{(00)} - m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(21)} + m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(11)}\\
&+m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(20)} - m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(10)} + m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{210}^{(21)}\\
&-2m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{201}^{(11)} - m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(20)} + 3m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{021}^{(00)} - m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(21)}m_{210}^{(11)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(20)}m_{101}^{(21)}m_{030}^{(00)} - m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(00)}m_{120}^{(22)} + 3m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(21)}\\
&-2m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(00)}m_{102}^{(11)} - m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(00)}m_{021}^{(20)} + m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(00)}m_{012}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(21)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{201}^{(11)} - m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{120}^{(20)}\\
&+3m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(10)} - m_{010}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{021}^{(00)} + m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(21)}\\
&-m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(00)}m_{111}^{(11)} - m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(00)}m_{030}^{(20)} + m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(00)}m_{021}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(21)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(11)} + m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(20)}\\
&-3m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(10)} + m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{021}^{(00)} - m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(11)}\\
&+2m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(10)} - m_{010}^{(20)}m_{001}^{(20)}m_{011}^{(20)}m_{030}^{(00)} + m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(10)}m_{210}^{(11)}\\
&-2m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(10)}m_{120}^{(10)} + m_{010}^{(20)}m_{001}^{(20)}m_{002}^{(10)}m_{030}^{(00)} + m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{210}^{(22)}\\
&-2m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{201}^{(21)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{102}^{(10)} - m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{012}^{(00)}\\
&-m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{201}^{(11)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(10)} - m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(00)}\\
&-2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{210}^{(22)} + 4m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(21)} - 4m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(10)}\\
&+2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{012}^{(00)} + m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(11)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{021}^{(00)} - m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(22)}m_{300}^{(11)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(22)}m_{120}^{(00)} + m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{201}^{(11)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(00)} + m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(21)}m_{300}^{(11)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(00)} + m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{210}^{(22)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(21)}\\
&+2m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{102}^{(10)} - m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{012}^{(00)} - m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{201}^{(11)}\\
&+2m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(10)} - m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{021}^{(00)} + m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(11)}\\
&-2m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(10)} + m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(20)}m_{120}^{(00)} - m_{010}^{(20)}m_{001}^{(21)}m_{002}^{(10)}m_{300}^{(11)}\\
&+2m_{010}^{(20)}m_{001}^{(21)}m_{002}^{(10)}m_{210}^{(10)} - m_{010}^{(20)}m_{001}^{(21)}m_{002}^{(10)}m_{120}^{(00)} - m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{210}^{(21)}\\
&+2m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{201}^{(11)} + m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(20)} - 3m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{021}^{(00)} + 2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(21)} - 4m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{201}^{(11)}\\
&-2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(20)} + 6m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(10)} - 2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{021}^{(00)}\\
&-m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(21)} + 2m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{201}^{(11)} + m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{120}^{(20)}\\
&-3m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(10)} + m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{021}^{(00)} + (m_{010}^{(21)})^2m_{200}^{(21)}m_{300}^{(22)}\\
&-2(m_{010}^{(21)})^2m_{200}^{(21)}m_{201}^{(20)} + (m_{010}^{(21)})^2m_{200}^{(21)}m_{102}^{(00)} + (m_{010}^{(21)})^2m_{200}^{(22)}m_{300}^{(21)}\\
&-(m_{010}^{(21)})^2m_{200}^{(22)}m_{210}^{(20)} - (m_{010}^{(21)})^2m_{200}^{(22)}m_{201}^{(10)} + (m_{010}^{(21)})^2m_{200}^{(22)}m_{111}^{(00)}\\
&-(m_{010}^{(21)})^2m_{110}^{(20)}m_{300}^{(22)} + 2(m_{010}^{(21)})^2m_{110}^{(20)}m_{201}^{(20)} - (m_{010}^{(21)})^2m_{110}^{(20)}m_{102}^{(00)}\\
&-(m_{010}^{(21)})^2m_{101}^{(10)}m_{300}^{(22)} + 2(m_{010}^{(21)})^2m_{101}^{(10)}m_{201}^{(20)} - (m_{010}^{(21)})^2m_{101}^{(10)}m_{102}^{(00)}\\
&-2(m_{010}^{(21)})^2m_{101}^{(20)}m_{300}^{(21)} + 2(m_{010}^{(21)})^2m_{101}^{(20)}m_{210}^{(20)} + 2(m_{010}^{(21)})^2m_{101}^{(20)}m_{201}^{(10)}\\
&-2(m_{010}^{(21)})^2m_{101}^{(20)}m_{111}^{(00)} + (m_{010}^{(21)})^2m_{011}^{(00)}m_{300}^{(22)} - 2(m_{010}^{(21)})^2m_{011}^{(00)}m_{201}^{(20)}\\
&+(m_{010}^{(21)})^2m_{011}^{(00)}m_{102}^{(00)} + (m_{010}^{(21)})^2m_{002}^{(00)}m_{300}^{(21)} - (m_{010}^{(21)})^2m_{002}^{(00)}m_{210}^{(20)}
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\begin{aligned}
&-(m_{010}^{(21)})^2 m_{002}^{(00)} m_{201}^{(10)} + (m_{010}^{(21)})^2 m_{002}^{(00)} m_{111}^{(00)} - 2m_{010}^{(21)} m_{010}^{(22)} m_{200}^{(21)} m_{300}^{(21)} \\
&+2m_{010}^{(21)} m_{010}^{(22)} m_{200}^{(21)} m_{210}^{(20)} + 2m_{010}^{(21)} m_{010}^{(22)} m_{200}^{(21)} m_{201}^{(10)} - 2m_{010}^{(21)} m_{010}^{(22)} m_{200}^{(21)} m_{111}^{(00)} \\
&-m_{010}^{(21)} m_{010}^{(22)} m_{200}^{(22)} m_{300}^{(11)} + 2m_{010}^{(21)} m_{010}^{(22)} m_{200}^{(22)} m_{210}^{(10)} - m_{010}^{(21)} m_{010}^{(22)} m_{200}^{(22)} m_{120}^{(00)} \\
&+2m_{010}^{(21)} m_{010}^{(22)} m_{110}^{(20)} m_{300}^{(21)} - 2m_{010}^{(21)} m_{010}^{(22)} m_{110}^{(20)} m_{210}^{(20)} - 2m_{010}^{(21)} m_{010}^{(22)} m_{110}^{(20)} m_{201}^{(10)} \\
&+2m_{010}^{(21)} m_{010}^{(22)} m_{110}^{(20)} m_{111}^{(00)} + 2m_{010}^{(21)} m_{010}^{(22)} m_{101}^{(10)} m_{300}^{(21)} - 2m_{010}^{(21)} m_{010}^{(22)} m_{101}^{(10)} m_{210}^{(20)} \\
&-2m_{010}^{(21)} m_{010}^{(22)} m_{101}^{(10)} m_{201}^{(10)} + 2m_{010}^{(21)} m_{010}^{(22)} m_{101}^{(10)} m_{111}^{(00)} + 2m_{010}^{(21)} m_{010}^{(22)} m_{101}^{(20)} m_{300}^{(11)} \\
&-4m_{010}^{(21)} m_{010}^{(22)} m_{101}^{(20)} m_{210}^{(10)} + 2m_{010}^{(21)} m_{010}^{(22)} m_{101}^{(20)} m_{120}^{(00)} - 2m_{010}^{(21)} m_{010}^{(22)} m_{011}^{(00)} m_{300}^{(21)} \\
&+2m_{010}^{(21)} m_{010}^{(22)} m_{011}^{(00)} m_{210}^{(20)} + 2m_{010}^{(21)} m_{010}^{(22)} m_{011}^{(00)} m_{201}^{(10)} - 2m_{010}^{(21)} m_{010}^{(22)} m_{011}^{(00)} m_{111}^{(00)} \\
&-m_{010}^{(21)} m_{010}^{(22)} m_{002}^{(00)} m_{300}^{(11)} + 2m_{010}^{(21)} m_{010}^{(22)} m_{002}^{(00)} m_{210}^{(10)} - m_{010}^{(21)} m_{010}^{(22)} m_{002}^{(00)} m_{120}^{(00)} \\
&-m_{010}^{(21)} m_{001}^{(00)} m_{200}^{(21)} m_{120}^{(22)} + m_{010}^{(21)} m_{001}^{(00)} m_{200}^{(21)} m_{111}^{(21)} + m_{010}^{(21)} m_{001}^{(00)} m_{200}^{(21)} m_{021}^{(20)} \\
&-m_{010}^{(21)} m_{001}^{(00)} m_{200}^{(21)} m_{012}^{(10)} - m_{010}^{(21)} m_{001}^{(00)} m_{200}^{(22)} m_{120}^{(21)} + m_{010}^{(21)} m_{001}^{(00)} m_{200}^{(22)} m_{111}^{(11)} \\
&+m_{010}^{(21)} m_{001}^{(00)} m_{200}^{(22)} m_{030}^{(20)} - m_{010}^{(21)} m_{001}^{(00)} m_{200}^{(22)} m_{021}^{(10)} + m_{010}^{(21)} m_{001}^{(00)} m_{110}^{(20)} m_{120}^{(22)} \\
&-m_{010}^{(21)} m_{001}^{(00)} m_{110}^{(20)} m_{111}^{(21)} - m_{010}^{(21)} m_{001}^{(00)} m_{110}^{(20)} m_{021}^{(20)} + m_{010}^{(21)} m_{001}^{(00)} m_{110}^{(20)} m_{012}^{(10)} \\
&+m_{010}^{(21)} m_{001}^{(00)} m_{110}^{(21)} m_{210}^{(22)} - m_{010}^{(21)} m_{001}^{(00)} m_{110}^{(21)} m_{201}^{(21)} - m_{010}^{(21)} m_{001}^{(00)} m_{110}^{(21)} m_{111}^{(20)} \\
&+m_{010}^{(21)} m_{001}^{(00)} m_{110}^{(21)} m_{102}^{(10)} + m_{010}^{(21)} m_{001}^{(00)} m_{101}^{(10)} m_{120}^{(22)} - m_{010}^{(21)} m_{001}^{(00)} m_{101}^{(10)} m_{111}^{(21)} \\
&-m_{010}^{(21)} m_{001}^{(00)} m_{101}^{(10)} m_{021}^{(20)} + m_{010}^{(21)} m_{001}^{(00)} m_{101}^{(10)} m_{012}^{(10)} - m_{010}^{(21)} m_{001}^{(00)} m_{101}^{(11)} m_{210}^{(22)} \\
&+m_{010}^{(21)} m_{001}^{(00)} m_{101}^{(11)} m_{201}^{(21)} + m_{010}^{(21)} m_{001}^{(00)} m_{101}^{(11)} m_{111}^{(20)} - m_{010}^{(21)} m_{001}^{(00)} m_{101}^{(11)} m_{102}^{(10)} \\
&+2m_{010}^{(21)} m_{001}^{(00)} m_{101}^{(20)} m_{120}^{(21)} - 2m_{010}^{(21)} m_{001}^{(00)} m_{101}^{(20)} m_{111}^{(11)} - 2m_{010}^{(21)} m_{001}^{(00)} m_{101}^{(20)} m_{030}^{(20)} \\
&+2m_{010}^{(21)} m_{001}^{(00)} m_{101}^{(20)} m_{021}^{(10)} - m_{010}^{(21)} m_{001}^{(00)} m_{020}^{(20)} m_{210}^{(22)} + m_{010}^{(21)} m_{001}^{(00)} m_{020}^{(20)} m_{201}^{(21)} \\
&+m_{010}^{(21)} m_{001}^{(00)} m_{020}^{(20)} m_{111}^{(20)} - m_{010}^{(21)} m_{001}^{(00)} m_{020}^{(20)} m_{102}^{(10)} - m_{010}^{(21)} m_{001}^{(00)} m_{011}^{(00)} m_{120}^{(22)} \\
&+m_{010}^{(21)} m_{001}^{(00)} m_{011}^{(00)} m_{111}^{(21)} + m_{010}^{(21)} m_{001}^{(00)} m_{011}^{(00)} m_{021}^{(20)} - m_{010}^{(21)} m_{001}^{(00)} m_{011}^{(00)} m_{012}^{(10)} \\
&+m_{010}^{(21)} m_{001}^{(00)} m_{011}^{(10)} m_{210}^{(22)} - m_{010}^{(21)} m_{001}^{(00)} m_{011}^{(10)} m_{201}^{(21)} - m_{010}^{(21)} m_{001}^{(00)} m_{011}^{(10)} m_{111}^{(20)} \\
&+m_{010}^{(21)} m_{001}^{(00)} m_{011}^{(10)} m_{102}^{(10)} - m_{010}^{(21)} m_{001}^{(00)} m_{002}^{(00)} m_{120}^{(21)} + m_{010}^{(21)} m_{001}^{(00)} m_{002}^{(00)} m_{111}^{(11)} \\
&+m_{010}^{(21)} m_{001}^{(00)} m_{002}^{(00)} m_{030}^{(20)} - m_{010}^{(21)} m_{001}^{(00)} m_{002}^{(00)} m_{021}^{(10)} + m_{010}^{(21)} m_{001}^{(10)} m_{200}^{(21)} m_{210}^{(22)} \\
&-2m_{010}^{(21)} m_{001}^{(10)} m_{200}^{(21)} m_{111}^{(20)} + m_{010}^{(21)} m_{001}^{(10)} m_{200}^{(21)} m_{012}^{(00)} + 2m_{010}^{(21)} m_{001}^{(10)} m_{200}^{(22)} m_{210}^{(21)} \\
&-m_{010}^{(21)} m_{001}^{(10)} m_{200}^{(22)} m_{201}^{(11)} - 2m_{010}^{(21)} m_{001}^{(10)} m_{200}^{(22)} m_{120}^{(20)} + m_{010}^{(21)} m_{001}^{(10)} m_{200}^{(22)} m_{021}^{(00)} \\
&-m_{010}^{(21)} m_{001}^{(10)} m_{110}^{(20)} m_{210}^{(22)} + 2m_{010}^{(21)} m_{001}^{(10)} m_{110}^{(20)} m_{111}^{(20)} - m_{010}^{(21)} m_{001}^{(10)} m_{110}^{(20)} m_{012}^{(00)} \\
&-m_{010}^{(21)} m_{001}^{(10)} m_{110}^{(21)} m_{300}^{(22)} + 2m_{010}^{(21)} m_{001}^{(10)} m_{110}^{(21)} m_{201}^{(20)} - m_{010}^{(21)} m_{001}^{(10)} m_{110}^{(21)} m_{102}^{(00)} \\
&-m_{010}^{(21)} m_{001}^{(10)} m_{101}^{(10)} m_{210}^{(22)} + 2m_{010}^{(21)} m_{001}^{(10)} m_{101}^{(10)} m_{111}^{(20)} - m_{010}^{(21)} m_{001}^{(10)} m_{101}^{(10)} m_{012}^{(00)} \\
&+m_{010}^{(21)} m_{001}^{(10)} m_{101}^{(11)} m_{300}^{(22)} - 2m_{010}^{(21)} m_{001}^{(10)} m_{101}^{(11)} m_{201}^{(20)} + m_{010}^{(21)} m_{001}^{(10)} m_{101}^{(11)} m_{102}^{(00)} \\
&-4m_{010}^{(21)} m_{001}^{(10)} m_{101}^{(20)} m_{210}^{(21)} + 2m_{010}^{(21)} m_{001}^{(10)} m_{101}^{(20)} m_{201}^{(11)} + 4m_{010}^{(21)} m_{001}^{(10)} m_{101}^{(20)} m_{120}^{(20)} \\
&-2m_{010}^{(21)} m_{001}^{(10)} m_{101}^{(20)} m_{021}^{(00)} + m_{010}^{(21)} m_{001}^{(10)} m_{020}^{(20)} m_{300}^{(22)} - 2m_{010}^{(21)} m_{001}^{(10)} m_{020}^{(20)} m_{201}^{(20)} \\
&+m_{010}^{(21)} m_{001}^{(10)} m_{020}^{(20)} m_{102}^{(00)} + m_{010}^{(21)} m_{001}^{(10)} m_{011}^{(00)} m_{210}^{(22)} - 2m_{010}^{(21)} m_{001}^{(10)} m_{011}^{(00)} m_{111}^{(20)} \\
&+m_{010}^{(21)} m_{001}^{(10)} m_{011}^{(00)} m_{012}^{(00)} - m_{010}^{(21)} m_{001}^{(10)} m_{011}^{(10)} m_{300}^{(22)} + 2m_{010}^{(21)} m_{001}^{(10)} m_{011}^{(10)} m_{201}^{(20)} \\
&-m_{010}^{(21)} m_{001}^{(10)} m_{011}^{(10)} m_{102}^{(00)} + 2m_{010}^{(21)} m_{001}^{(10)} m_{002}^{(00)} m_{210}^{(21)} - m_{010}^{(21)} m_{001}^{(10)} m_{002}^{(00)} m_{201}^{(11)} \\
&-2m_{010}^{(21)} m_{001}^{(10)} m_{002}^{(00)} m_{120}^{(20)} + m_{010}^{(21)} m_{001}^{(10)} m_{002}^{(00)} m_{021}^{(00)} - m_{010}^{(21)} m_{001}^{(11)} m_{200}^{(22)} m_{300}^{(21)} \\
&+m_{010}^{(21)} m_{001}^{(11)} m_{200}^{(22)} m_{210}^{(20)} + m_{010}^{(21)} m_{001}^{(11)} m_{200}^{(22)} m_{201}^{(10)} - m_{010}^{(21)} m_{001}^{(11)} m_{200}^{(22)} m_{111}^{(00)} \\
&+2m_{010}^{(21)} m_{001}^{(11)} m_{101}^{(20)} m_{300}^{(21)} - 2m_{010}^{(21)} m_{001}^{(11)} m_{101}^{(20)} m_{210}^{(20)} - 2m_{010}^{(21)} m_{001}^{(11)} m_{101}^{(20)} m_{201}^{(10)}
\end{aligned}
$$

$$+2m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(00)} - m_{010}^{(21)}m_{001}^{(11)}m_{002}^{(00)}m_{300}^{(21)} + m_{010}^{(21)}m_{001}^{(11)}m_{002}^{(00)}m_{210}^{(20)}$$
$$+m_{010}^{(21)}m_{001}^{(11)}m_{002}^{(00)}m_{201}^{(10)} - m_{010}^{(21)}m_{001}^{(11)}m_{002}^{(00)}m_{111}^{(00)} + m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{210}^{(22)}$$
$$-m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{201}^{(21)} - m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{111}^{(20)} + m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{102}^{(10)}$$
$$-m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{210}^{(21)} + m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{120}^{(20)} + m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{111}^{(10)}$$
$$-m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(00)} - m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(22)}m_{210}^{(11)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(22)}m_{120}^{(10)}$$
$$-m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(22)}m_{030}^{(00)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{210}^{(22)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{201}^{(21)}$$
$$+2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(20)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{102}^{(10)} + m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{210}^{(21)}$$
$$-m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(20)} - m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(10)} + m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(00)}$$
$$+m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{300}^{(21)} - m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(20)} - m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{201}^{(10)}$$
$$+m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(00)} + m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{210}^{(21)} - m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(20)}$$
$$-m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(10)} + m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(00)} - m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{300}^{(21)}$$
$$+m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{210}^{(20)} + m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{201}^{(10)} - m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(00)}$$
$$+2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(20)}m_{210}^{(11)} - 4m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(10)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(00)}$$
$$+m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{210}^{(22)} - m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{201}^{(21)} - m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(20)}$$
$$+m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{102}^{(10)} - m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{300}^{(21)} + m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(20)}$$
$$+m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{201}^{(10)} - m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(00)} - m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{210}^{(21)}$$
$$+m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(20)} + m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{111}^{(10)} - m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{021}^{(00)}$$
$$+m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{300}^{(21)} - m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(20)} - m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(10)}$$
$$+m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(00)} - m_{010}^{(21)}m_{001}^{(20)}m_{002}^{(00)}m_{210}^{(11)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{002}^{(00)}m_{120}^{(10)}$$
$$-m_{010}^{(21)}m_{001}^{(20)}m_{002}^{(00)}m_{030}^{(00)} - m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(11)}m_{300}^{(22)} + 2m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(11)}m_{201}^{(20)}$$
$$-m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(11)}m_{102}^{(00)} + m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(22)}m_{300}^{(11)} - 2m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(22)}m_{210}^{(10)}$$
$$+m_{010}^{(21)}m_{001}^{(21)}m_{200}^{(22)}m_{120}^{(00)} + 2m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{300}^{(22)} - 4m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(20)}$$
$$+2m_{010}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(00)} - 2m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(20)}m_{300}^{(11)} + 4m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(10)}$$
$$-2m_{010}^{(21)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(00)} - m_{010}^{(21)}m_{001}^{(21)}m_{020}^{(00)}m_{300}^{(22)} + 2m_{010}^{(21)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(20)}$$
$$-m_{010}^{(21)}m_{001}^{(21)}m_{020}^{(00)}m_{102}^{(00)} + m_{010}^{(21)}m_{001}^{(21)}m_{002}^{(00)}m_{300}^{(11)} - 2m_{010}^{(21)}m_{001}^{(21)}m_{002}^{(00)}m_{210}^{(10)}$$
$$+m_{010}^{(21)}m_{001}^{(21)}m_{002}^{(00)}m_{120}^{(00)} + m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{300}^{(21)} - m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{210}^{(20)}$$
$$-m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{201}^{(10)} + m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(00)} - 2m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{300}^{(21)}$$
$$+2m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(20)} + 2m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{201}^{(10)} - 2m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(00)}$$
$$+m_{010}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{300}^{(21)} - m_{010}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(20)} - m_{010}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{201}^{(10)}$$
$$+m_{010}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(00)} + (m_{010}^{(22)})^2m_{200}^{(21)}m_{300}^{(11)} - 2(m_{010}^{(22)})^2m_{200}^{(21)}m_{210}^{(10)}$$
$$+(m_{010}^{(22)})^2m_{200}^{(21)}m_{120}^{(00)} - (m_{010}^{(22)})^2m_{110}^{(20)}m_{300}^{(11)} + 2(m_{010}^{(22)})^2m_{110}^{(20)}m_{210}^{(10)}$$
$$-(m_{010}^{(22)})^2m_{110}^{(20)}m_{120}^{(00)} - (m_{010}^{(22)})^2m_{101}^{(10)}m_{300}^{(11)} + 2(m_{010}^{(22)})^2m_{101}^{(10)}m_{210}^{(10)}$$
$$-(m_{010}^{(22)})^2m_{101}^{(10)}m_{120}^{(00)} + (m_{010}^{(22)})^2m_{011}^{(00)}m_{300}^{(11)} - 2(m_{010}^{(22)})^2m_{011}^{(00)}m_{210}^{(10)}$$
$$+(m_{010}^{(22)})^2m_{011}^{(00)}m_{120}^{(00)} + m_{010}^{(22)}m_{001}^{(00)}m_{200}^{(21)}m_{120}^{(21)} - m_{010}^{(22)}m_{001}^{(00)}m_{200}^{(21)}m_{111}^{(11)}$$
$$-m_{010}^{(22)}m_{001}^{(00)}m_{200}^{(21)}m_{030}^{(20)} + m_{010}^{(22)}m_{001}^{(00)}m_{200}^{(21)}m_{021}^{(10)} - m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(20)}m_{120}^{(21)}$$
$$+m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(20)}m_{111}^{(11)} + m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(20)}m_{030}^{(20)} - m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(20)}m_{021}^{(10)}$$
$$-m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(21)}m_{210}^{(21)} + m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(21)}m_{201}^{(11)} + m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(21)}m_{120}^{(20)}$$
$$-m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(21)}m_{111}^{(10)} - m_{010}^{(22)}m_{001}^{(00)}m_{101}^{(10)}m_{120}^{(21)} + m_{010}^{(22)}m_{001}^{(00)}m_{101}^{(10)}m_{111}^{(11)}$$

$$
\begin{aligned}
&+m_{010}^{(22)}m_{001}^{(00)}m_{101}^{(10)}m_{030}^{(20)} - m_{010}^{(22)}m_{001}^{(00)}m_{101}^{(10)}m_{021}^{(10)} + m_{010}^{(22)}m_{001}^{(00)}m_{101}^{(11)}m_{210}^{(21)}\\
&-m_{010}^{(22)}m_{001}^{(00)}m_{101}^{(11)}m_{201}^{(11)} - m_{010}^{(22)}m_{001}^{(00)}m_{101}^{(11)}m_{120}^{(20)} + m_{010}^{(22)}m_{001}^{(00)}m_{101}^{(11)}m_{111}^{(10)}\\
&+m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(20)}m_{210}^{(21)} - m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(20)}m_{201}^{(11)} - m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(20)}m_{120}^{(20)}\\
&+m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(20)}m_{111}^{(10)} + m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(00)}m_{120}^{(21)} - m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(00)}m_{111}^{(11)}\\
&-m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(00)}m_{030}^{(20)} + m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(00)}m_{021}^{(10)} - m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(10)}m_{210}^{(21)}\\
&+m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(10)}m_{201}^{(11)} + m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(10)}m_{120}^{(20)} - m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(10)}\\
&-m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(21)}m_{210}^{(21)} + m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(21)}m_{120}^{(20)} + m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(21)}m_{111}^{(10)}\\
&-m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(00)} + m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(20)}m_{210}^{(21)} - m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(20)}m_{120}^{(20)}\\
&-m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(10)} + m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(00)} + m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(21)}m_{300}^{(21)}\\
&-m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(21)}m_{210}^{(20)} - m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(21)}m_{201}^{(10)} + m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(00)}\\
&+m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(10)}m_{210}^{(21)} - m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(10)}m_{120}^{(20)} - m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(10)}\\
&+m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(00)} - m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(11)}m_{300}^{(21)} + m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(11)}m_{210}^{(20)}\\
&+m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(11)}m_{201}^{(10)} - m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(00)} - m_{010}^{(22)}m_{001}^{(10)}m_{020}^{(20)}m_{300}^{(21)}\\
&+m_{010}^{(22)}m_{001}^{(10)}m_{020}^{(20)}m_{210}^{(20)} + m_{010}^{(22)}m_{001}^{(10)}m_{020}^{(20)}m_{201}^{(10)} - m_{010}^{(22)}m_{001}^{(10)}m_{020}^{(20)}m_{111}^{(00)}\\
&-m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(00)}m_{210}^{(21)} + m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(00)}m_{120}^{(20)} + m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(00)}m_{111}^{(10)}\\
&-m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(00)}m_{021}^{(00)} + m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(10)}m_{300}^{(21)} - m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(10)}m_{210}^{(20)}\\
&-m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(10)} + m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(00)} - m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{210}^{(21)}\\
&+m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{201}^{(11)} + m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{120}^{(20)} - m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{111}^{(10)}\\
&+m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(21)}m_{210}^{(11)} - 2m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(21)}m_{120}^{(10)} + m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(21)}m_{030}^{(00)}\\
&+2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{210}^{(21)} - 2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{201}^{(11)} - 2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{120}^{(20)}\\
&+2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(10)} - m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(20)}m_{210}^{(11)} + 2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(10)}\\
&-m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(20)}m_{030}^{(00)} - m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(21)}m_{300}^{(11)} + 2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(10)}\\
&-m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(00)} - m_{010}^{(22)}m_{001}^{(20)}m_{101}^{(10)}m_{210}^{(11)} + 2m_{010}^{(22)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(10)}\\
&-m_{010}^{(22)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(00)} + m_{010}^{(22)}m_{001}^{(20)}m_{101}^{(11)}m_{300}^{(11)} - 2m_{010}^{(22)}m_{001}^{(20)}m_{101}^{(11)}m_{210}^{(10)}\\
&+m_{010}^{(22)}m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(00)} - m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{210}^{(21)} + m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{201}^{(11)}\\
&+m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{120}^{(20)} - m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(10)} + m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(20)}m_{300}^{(11)}\\
&-2m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(10)} + m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(20)}m_{120}^{(00)} + m_{010}^{(22)}m_{001}^{(20)}m_{011}^{(00)}m_{210}^{(11)}\\
&-2m_{010}^{(22)}m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(10)} + m_{010}^{(22)}m_{001}^{(20)}m_{011}^{(00)}m_{030}^{(00)} - m_{010}^{(22)}m_{001}^{(20)}m_{011}^{(10)}m_{300}^{(11)}\\
&+2m_{010}^{(22)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(10)} - m_{010}^{(22)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(00)} + m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{300}^{(21)}\\
&-m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{210}^{(20)} - m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{201}^{(10)} + m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(00)}\\
&-2m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{300}^{(21)} + 2m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{210}^{(20)} + 2m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(10)}\\
&-2m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(00)} + m_{010}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{300}^{(21)} - m_{010}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{210}^{(20)}\\
&-m_{010}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(10)} + m_{010}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(00)} - m_{010}^{(22)}m_{001}^{(22)}m_{200}^{(11)}m_{300}^{(11)}\\
&+2m_{010}^{(22)}m_{001}^{(22)}m_{200}^{(11)}m_{210}^{(10)} - m_{010}^{(22)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(00)} + 2m_{010}^{(22)}m_{001}^{(22)}m_{110}^{(10)}m_{300}^{(11)}\\
&-4m_{010}^{(22)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(10)} + 2m_{010}^{(22)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(00)} - m_{010}^{(22)}m_{001}^{(22)}m_{020}^{(00)}m_{300}^{(11)}\\
&+2m_{010}^{(22)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(10)} - m_{010}^{(22)}m_{001}^{(22)}m_{020}^{(00)}m_{120}^{(00)} - (m_{001}^{(00)})^2m_{110}^{(21)}m_{030}^{(22)}\\
&+2(m_{001}^{(00)})^2m_{110}^{(21)}m_{021}^{(21)} - (m_{001}^{(00)})^2m_{110}^{(21)}m_{012}^{(11)} + (m_{001}^{(00)})^2m_{101}^{(11)}m_{030}^{(22)}\\
&-2(m_{001}^{(00)})^2m_{101}^{(11)}m_{021}^{(21)} + (m_{001}^{(00)})^2m_{101}^{(11)}m_{012}^{(11)} + (m_{001}^{(00)})^2m_{020}^{(20)}m_{030}^{(22)}
\end{aligned}
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\begin{aligned}
&-2(m_{001}^{(00)})^2 m_{020}^{(20)} m_{021}^{(21)} + (m_{001}^{(00)})^2 m_{020}^{(20)} m_{012}^{(11)} - (m_{001}^{(00)})^2 m_{011}^{(10)} m_{030}^{(22)} \\
&+2(m_{001}^{(00)})^2 m_{011}^{(10)} m_{021}^{(21)} - (m_{001}^{(00)})^2 m_{011}^{(10)} m_{012}^{(11)} + m_{001}^{(00)} m_{001}^{(10)} m_{200}^{(21)} m_{030}^{(22)} \\
&-2m_{001}^{(00)} m_{001}^{(10)} m_{200}^{(21)} m_{021}^{(21)} + m_{001}^{(00)} m_{001}^{(10)} m_{200}^{(21)} m_{012}^{(11)} - m_{001}^{(00)} m_{001}^{(10)} m_{110}^{(20)} m_{030}^{(22)} \\
&+2m_{001}^{(00)} m_{001}^{(10)} m_{110}^{(20)} m_{021}^{(21)} - m_{001}^{(00)} m_{001}^{(10)} m_{110}^{(20)} m_{012}^{(11)} + 3m_{001}^{(00)} m_{001}^{(10)} m_{110}^{(21)} m_{120}^{(22)} \\
&-4m_{001}^{(00)} m_{001}^{(10)} m_{110}^{(21)} m_{111}^{(21)} + m_{001}^{(00)} m_{001}^{(10)} m_{110}^{(21)} m_{102}^{(11)} - 2m_{001}^{(00)} m_{001}^{(10)} m_{110}^{(21)} m_{021}^{(20)} \\
&+2m_{001}^{(00)} m_{001}^{(10)} m_{110}^{(21)} m_{012}^{(10)} - m_{001}^{(00)} m_{001}^{(10)} m_{101}^{(10)} m_{030}^{(22)} + 2m_{001}^{(00)} m_{001}^{(10)} m_{101}^{(10)} m_{021}^{(21)} \\
&-m_{001}^{(00)} m_{001}^{(10)} m_{101}^{(10)} m_{012}^{(11)} - 3m_{001}^{(00)} m_{001}^{(10)} m_{101}^{(11)} m_{120}^{(22)} + 4m_{001}^{(00)} m_{001}^{(10)} m_{101}^{(11)} m_{111}^{(21)} \\
&-m_{001}^{(00)} m_{001}^{(10)} m_{101}^{(11)} m_{102}^{(11)} + 2m_{001}^{(00)} m_{001}^{(10)} m_{101}^{(11)} m_{021}^{(20)} - 2m_{001}^{(00)} m_{001}^{(10)} m_{101}^{(11)} m_{012}^{(10)} \\
&-3m_{001}^{(00)} m_{001}^{(10)} m_{020}^{(20)} m_{120}^{(22)} + 4m_{001}^{(00)} m_{001}^{(10)} m_{020}^{(20)} m_{111}^{(21)} - m_{001}^{(00)} m_{001}^{(10)} m_{020}^{(20)} m_{102}^{(11)} \\
&+2m_{001}^{(00)} m_{001}^{(10)} m_{020}^{(20)} m_{021}^{(20)} - 2m_{001}^{(00)} m_{001}^{(10)} m_{020}^{(20)} m_{012}^{(10)} + m_{001}^{(00)} m_{001}^{(10)} m_{011}^{(00)} m_{030}^{(22)} \\
&-2m_{001}^{(00)} m_{001}^{(10)} m_{011}^{(00)} m_{021}^{(21)} + m_{001}^{(00)} m_{001}^{(10)} m_{011}^{(00)} m_{012}^{(11)} + 3m_{001}^{(00)} m_{001}^{(10)} m_{011}^{(10)} m_{120}^{(22)} \\
&-4m_{001}^{(00)} m_{001}^{(10)} m_{011}^{(10)} m_{111}^{(21)} + m_{001}^{(00)} m_{001}^{(10)} m_{011}^{(10)} m_{102}^{(11)} - 2m_{001}^{(00)} m_{001}^{(10)} m_{011}^{(10)} m_{021}^{(20)} \\
&+2m_{001}^{(00)} m_{001}^{(10)} m_{011}^{(10)} m_{012}^{(10)} - m_{001}^{(00)} m_{001}^{(11)} m_{200}^{(21)} m_{120}^{(22)} + m_{001}^{(00)} m_{001}^{(11)} m_{200}^{(21)} m_{111}^{(21)} \\
&+m_{001}^{(00)} m_{001}^{(11)} m_{200}^{(21)} m_{021}^{(20)} - m_{001}^{(00)} m_{001}^{(11)} m_{200}^{(21)} m_{012}^{(10)} + m_{001}^{(00)} m_{001}^{(11)} m_{110}^{(20)} m_{120}^{(22)} \\
&-m_{001}^{(00)} m_{001}^{(11)} m_{110}^{(20)} m_{111}^{(21)} - m_{001}^{(00)} m_{001}^{(11)} m_{110}^{(20)} m_{021}^{(20)} + m_{001}^{(00)} m_{001}^{(11)} m_{110}^{(20)} m_{012}^{(10)} \\
&-m_{001}^{(00)} m_{001}^{(11)} m_{110}^{(21)} m_{210}^{(22)} + m_{001}^{(00)} m_{001}^{(11)} m_{110}^{(21)} m_{201}^{(21)} + m_{001}^{(00)} m_{001}^{(11)} m_{110}^{(21)} m_{111}^{(20)} \\
&-m_{001}^{(00)} m_{001}^{(11)} m_{110}^{(21)} m_{102}^{(10)} + m_{001}^{(00)} m_{001}^{(11)} m_{101}^{(10)} m_{120}^{(22)} - m_{001}^{(00)} m_{001}^{(11)} m_{101}^{(10)} m_{111}^{(21)} \\
&-m_{001}^{(00)} m_{001}^{(11)} m_{101}^{(10)} m_{021}^{(20)} + m_{001}^{(00)} m_{001}^{(11)} m_{101}^{(10)} m_{012}^{(10)} + m_{001}^{(00)} m_{001}^{(11)} m_{101}^{(11)} m_{210}^{(22)} \\
&-m_{001}^{(00)} m_{001}^{(11)} m_{101}^{(11)} m_{201}^{(21)} - m_{001}^{(00)} m_{001}^{(11)} m_{101}^{(11)} m_{111}^{(20)} + m_{001}^{(00)} m_{001}^{(11)} m_{101}^{(11)} m_{102}^{(10)} \\
&+m_{001}^{(00)} m_{001}^{(11)} m_{020}^{(20)} m_{210}^{(22)} - m_{001}^{(00)} m_{001}^{(11)} m_{020}^{(20)} m_{201}^{(21)} - m_{001}^{(00)} m_{001}^{(11)} m_{020}^{(20)} m_{111}^{(20)} \\
&+m_{001}^{(00)} m_{001}^{(11)} m_{020}^{(20)} m_{102}^{(10)} - m_{001}^{(00)} m_{001}^{(11)} m_{011}^{(00)} m_{120}^{(22)} + m_{001}^{(00)} m_{001}^{(11)} m_{011}^{(00)} m_{111}^{(21)} \\
&+m_{001}^{(00)} m_{001}^{(11)} m_{011}^{(00)} m_{021}^{(20)} - m_{001}^{(00)} m_{001}^{(11)} m_{011}^{(00)} m_{012}^{(10)} - m_{001}^{(00)} m_{001}^{(11)} m_{011}^{(10)} m_{210}^{(22)} \\
&+m_{001}^{(00)} m_{001}^{(11)} m_{011}^{(10)} m_{201}^{(21)} + m_{001}^{(00)} m_{001}^{(11)} m_{011}^{(10)} m_{111}^{(20)} - m_{001}^{(00)} m_{001}^{(11)} m_{011}^{(10)} m_{102}^{(10)} \\
&-m_{001}^{(00)} m_{001}^{(20)} m_{200}^{(11)} m_{030}^{(22)} + 2m_{001}^{(00)} m_{001}^{(20)} m_{200}^{(11)} m_{021}^{(21)} - m_{001}^{(00)} m_{001}^{(20)} m_{200}^{(11)} m_{012}^{(11)} \\
&+2m_{001}^{(00)} m_{001}^{(20)} m_{110}^{(10)} m_{030}^{(22)} - 4m_{001}^{(00)} m_{001}^{(20)} m_{110}^{(10)} m_{021}^{(21)} + 2m_{001}^{(00)} m_{001}^{(20)} m_{110}^{(10)} m_{012}^{(11)} \\
&-2m_{001}^{(00)} m_{001}^{(20)} m_{110}^{(21)} m_{120}^{(21)} + 2m_{001}^{(00)} m_{001}^{(20)} m_{110}^{(21)} m_{111}^{(11)} + 2m_{001}^{(00)} m_{001}^{(20)} m_{110}^{(21)} m_{030}^{(20)} \\
&-2m_{001}^{(00)} m_{001}^{(20)} m_{110}^{(21)} m_{021}^{(10)} + 2m_{001}^{(00)} m_{001}^{(20)} m_{101}^{(11)} m_{120}^{(21)} - 2m_{001}^{(00)} m_{001}^{(20)} m_{101}^{(11)} m_{111}^{(11)} \\
&-2m_{001}^{(00)} m_{001}^{(20)} m_{101}^{(11)} m_{030}^{(20)} + 2m_{001}^{(00)} m_{001}^{(20)} m_{101}^{(11)} m_{021}^{(10)} - m_{001}^{(00)} m_{001}^{(20)} m_{020}^{(00)} m_{030}^{(22)} \\
&+2m_{001}^{(00)} m_{001}^{(20)} m_{020}^{(00)} m_{021}^{(21)} - m_{001}^{(00)} m_{001}^{(20)} m_{020}^{(00)} m_{012}^{(11)} + 2m_{001}^{(00)} m_{001}^{(20)} m_{020}^{(20)} m_{120}^{(21)} \\
&-2m_{001}^{(00)} m_{001}^{(20)} m_{020}^{(20)} m_{111}^{(11)} - 2m_{001}^{(00)} m_{001}^{(20)} m_{020}^{(20)} m_{030}^{(20)} + 2m_{001}^{(00)} m_{001}^{(20)} m_{020}^{(20)} m_{021}^{(10)} \\
&-2m_{001}^{(00)} m_{001}^{(20)} m_{011}^{(10)} m_{120}^{(21)} + 2m_{001}^{(00)} m_{001}^{(20)} m_{011}^{(10)} m_{111}^{(11)} + 2m_{001}^{(00)} m_{001}^{(20)} m_{011}^{(10)} m_{030}^{(20)} \\
&-2m_{001}^{(00)} m_{001}^{(20)} m_{011}^{(10)} m_{021}^{(10)} + m_{001}^{(00)} m_{001}^{(21)} m_{200}^{(11)} m_{120}^{(22)} - m_{001}^{(00)} m_{001}^{(21)} m_{200}^{(11)} m_{111}^{(21)} \\
&-m_{001}^{(00)} m_{001}^{(21)} m_{200}^{(11)} m_{021}^{(20)} + m_{001}^{(00)} m_{001}^{(21)} m_{200}^{(11)} m_{012}^{(10)} + m_{001}^{(00)} m_{001}^{(21)} m_{200}^{(21)} m_{120}^{(21)} \\
&-m_{001}^{(00)} m_{001}^{(21)} m_{200}^{(21)} m_{111}^{(11)} - m_{001}^{(00)} m_{001}^{(21)} m_{200}^{(21)} m_{030}^{(20)} + m_{001}^{(00)} m_{001}^{(21)} m_{200}^{(21)} m_{021}^{(10)} \\
&-2m_{001}^{(00)} m_{001}^{(21)} m_{110}^{(10)} m_{120}^{(22)} + 2m_{001}^{(00)} m_{001}^{(21)} m_{110}^{(10)} m_{111}^{(21)} + 2m_{001}^{(00)} m_{001}^{(21)} m_{110}^{(10)} m_{021}^{(20)} \\
&-2m_{001}^{(00)} m_{001}^{(21)} m_{110}^{(10)} m_{012}^{(10)} - m_{001}^{(00)} m_{001}^{(21)} m_{110}^{(20)} m_{120}^{(21)} + m_{001}^{(00)} m_{001}^{(21)} m_{110}^{(20)} m_{111}^{(11)} \\
&+m_{001}^{(00)} m_{001}^{(21)} m_{110}^{(20)} m_{030}^{(20)} - m_{001}^{(00)} m_{001}^{(21)} m_{110}^{(20)} m_{021}^{(10)} + m_{001}^{(00)} m_{001}^{(21)} m_{110}^{(21)} m_{210}^{(21)} \\
&-m_{001}^{(00)} m_{001}^{(21)} m_{110}^{(21)} m_{201}^{(11)} - m_{001}^{(00)} m_{001}^{(21)} m_{110}^{(21)} m_{120}^{(20)} + m_{001}^{(00)} m_{001}^{(21)} m_{110}^{(21)} m_{111}^{(10)}
\end{aligned}
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\begin{aligned}
&-m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(21)} + m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(11)} + m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{030}^{(20)}\\
&-m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(10)} - m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(21)} + m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(11)}\\
&+m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{120}^{(20)} - m_{001}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{111}^{(10)} + m_{001}^{(00)}m_{001}^{(21)}m_{001}^{(00)}m_{120}^{(22)}\\
&-m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(21)} - m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(00)}m_{021}^{(20)} + m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(00)}m_{012}^{(10)}\\
&-m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(21)} + m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(11)} + m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{120}^{(20)}\\
&-m_{001}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{111}^{(10)} + m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(00)}m_{120}^{(21)} - m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(11)}\\
&-m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(00)}m_{030}^{(20)} + m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(00)}m_{021}^{(10)} + m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(21)}\\
&-m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(11)} - m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{120}^{(20)} + m_{001}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(10)}\\
&-m_{001}^{(00)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(21)} + m_{001}^{(00)}m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(11)} + m_{001}^{(00)}m_{001}^{(22)}m_{200}^{(11)}m_{030}^{(20)}\\
&-m_{001}^{(00)}m_{001}^{(22)}m_{200}^{(11)}m_{021}^{(10)} + 2m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(21)} - 2m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(11)}\\
&-2m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{030}^{(20)} + 2m_{001}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{021}^{(10)} - m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(00)}m_{120}^{(21)}\\
&+m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(11)} + m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(00)}m_{030}^{(20)} - m_{001}^{(00)}m_{001}^{(22)}m_{020}^{(00)}m_{021}^{(10)}\\
&-2(m_{001}^{(10)})^2m_{200}^{(21)}m_{120}^{(22)} + 3(m_{001}^{(10)})^2m_{200}^{(21)}m_{111}^{(21)} - (m_{001}^{(10)})^2m_{200}^{(21)}m_{102}^{(11)}\\
&+(m_{001}^{(10)})^2m_{200}^{(21)}m_{021}^{(20)} - (m_{001}^{(10)})^2m_{200}^{(21)}m_{012}^{(10)} + 2(m_{001}^{(10)})^2m_{110}^{(20)}m_{120}^{(22)}\\
&-3(m_{001}^{(10)})^2m_{110}^{(20)}m_{111}^{(21)} + (m_{001}^{(10)})^2m_{110}^{(20)}m_{102}^{(11)} - (m_{001}^{(10)})^2m_{110}^{(20)}m_{021}^{(20)}\\
&+(m_{001}^{(10)})^2m_{110}^{(20)}m_{012}^{(10)} - 2(m_{001}^{(10)})^2m_{110}^{(21)}m_{210}^{(22)} + (m_{001}^{(10)})^2m_{110}^{(21)}m_{201}^{(21)}\\
&+3(m_{001}^{(10)})^2m_{110}^{(21)}m_{111}^{(20)} - (m_{001}^{(10)})^2m_{110}^{(21)}m_{102}^{(10)} - (m_{001}^{(10)})^2m_{110}^{(21)}m_{012}^{(00)}\\
&+2(m_{001}^{(10)})^2m_{101}^{(10)}m_{120}^{(22)} - 3(m_{001}^{(10)})^2m_{101}^{(10)}m_{111}^{(21)} + (m_{001}^{(10)})^2m_{101}^{(10)}m_{102}^{(11)}\\
&-(m_{001}^{(10)})^2m_{101}^{(10)}m_{021}^{(20)} + (m_{001}^{(10)})^2m_{101}^{(10)}m_{012}^{(10)} + 2(m_{001}^{(10)})^2m_{101}^{(11)}m_{210}^{(22)}\\
&-(m_{001}^{(10)})^2m_{101}^{(11)}m_{201}^{(21)} - 3(m_{001}^{(10)})^2m_{101}^{(11)}m_{111}^{(20)} + (m_{001}^{(10)})^2m_{101}^{(11)}m_{102}^{(10)}\\
&+(m_{001}^{(10)})^2m_{101}^{(11)}m_{012}^{(00)} + 2(m_{001}^{(10)})^2m_{020}^{(20)}m_{210}^{(22)} - (m_{001}^{(10)})^2m_{020}^{(20)}m_{201}^{(21)}\\
&-3(m_{001}^{(10)})^2m_{020}^{(20)}m_{111}^{(20)} + (m_{001}^{(10)})^2m_{020}^{(20)}m_{102}^{(10)} + (m_{001}^{(10)})^2m_{020}^{(20)}m_{012}^{(00)}\\
&-2(m_{001}^{(10)})^2m_{011}^{(00)}m_{120}^{(22)} + 3(m_{001}^{(10)})^2m_{011}^{(00)}m_{111}^{(21)} - (m_{001}^{(10)})^2m_{011}^{(00)}m_{102}^{(11)}\\
&+(m_{001}^{(10)})^2m_{011}^{(00)}m_{021}^{(20)} - (m_{001}^{(10)})^2m_{011}^{(00)}m_{012}^{(10)} - 2(m_{001}^{(10)})^2m_{011}^{(10)}m_{210}^{(22)}\\
&+(m_{001}^{(10)})^2m_{011}^{(10)}m_{201}^{(21)} + 3(m_{001}^{(10)})^2m_{011}^{(10)}m_{111}^{(20)} - (m_{001}^{(10)})^2m_{011}^{(10)}m_{102}^{(10)}\\
&-(m_{001}^{(10)})^2m_{011}^{(10)}m_{012}^{(00)} + 3m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{210}^{(22)} - 2m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{201}^{(21)}\\
&-4m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{111}^{(20)} + 2m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(10)} + m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{012}^{(00)}\\
&-3m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{210}^{(22)} + 2m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{201}^{(21)} + 4m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(20)}\\
&-2m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(10)} - m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{012}^{(00)} + m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(21)}m_{300}^{(22)}\\
&-2m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(21)}m_{201}^{(20)} + m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(21)}m_{102}^{(00)} - 3m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{210}^{(22)}\\
&+2m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(21)} + 4m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(20)} - 2m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(10)}\\
&-m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{012}^{(00)} - m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(11)}m_{300}^{(22)} + 2m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(11)}m_{201}^{(20)}\\
&-m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(11)}m_{102}^{(00)} - m_{001}^{(10)}m_{001}^{(11)}m_{020}^{(20)}m_{300}^{(22)} + 2m_{001}^{(10)}m_{001}^{(11)}m_{020}^{(20)}m_{201}^{(20)}\\
&-m_{001}^{(10)}m_{001}^{(11)}m_{020}^{(20)}m_{102}^{(00)} + 3m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{210}^{(22)} - 2m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{201}^{(21)}\\
&-4m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{111}^{(20)} + 2m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{102}^{(10)} + m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{012}^{(00)}\\
&+m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(10)}m_{300}^{(22)} - 2m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(20)} + m_{001}^{(10)}m_{001}^{(11)}m_{011}^{(10)}m_{102}^{(00)}\\
&+2m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{120}^{(22)} - 3m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{111}^{(21)} + m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{102}^{(11)}\\
&-m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(20)} + m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{012}^{(10)} + m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{120}^{(21)}
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\begin{aligned}
&-m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{111}^{(11)} - m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{030}^{(20)} + m_{001}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(10)}\\
&-4m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{120}^{(22)} + 6m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(21)} - 2m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{102}^{(11)}\\
&+2m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(20)} - 2m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(10)} - m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(21)}\\
&+m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(11)} + m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{030}^{(20)} - m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(10)}\\
&+3m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(21)} - m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{201}^{(11)} - 3m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(20)}\\
&-m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(10)} + 2m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(00)} - m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(21)}\\
&+m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(11)} + m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(20)} - m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(10)}\\
&-3m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{210}^{(21)} + m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{201}^{(11)} + 3m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(20)}\\
&+m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(10)} - 2m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{021}^{(00)} + 2m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{120}^{(22)}\\
&-3m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(21)} + m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{102}^{(11)} - m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{021}^{(20)}\\
&+m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{012}^{(10)} - 3m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(21)} + m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{201}^{(11)}\\
&+3m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{120}^{(20)} + m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(10)} - 2m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{021}^{(00)}\\
&+m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(21)} - m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{111}^{(11)} - m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{030}^{(20)}\\
&+m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{021}^{(10)} + 3m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(21)} - m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(11)}\\
&-3m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(20)} - m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(10)} + 2m_{001}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{021}^{(00)}\\
&-2m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{210}^{(22)} + m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{201}^{(21)} + 3m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(20)}\\
&-m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{102}^{(10)} - m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{012}^{(00)} - 3m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{210}^{(21)}\\
&+2m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{201}^{(11)} + 3m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(20)} - m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(10)}\\
&-m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(00)} + 4m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{210}^{(22)} - 2m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(21)}\\
&-6m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(20)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(10)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{012}^{(00)}\\
&+3m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(21)} - 2m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(11)} - 3m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(20)}\\
&+m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(10)} + m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{021}^{(00)} - m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{300}^{(21)}\\
&+m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(20)} + m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(10)} - m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(00)}\\
&+3m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(21)} - 2m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{201}^{(11)} - 3m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(20)}\\
&+m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(10)} + m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(00)} + m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{300}^{(21)}\\
&-m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(20)} - m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(10)} + m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{111}^{(00)}\\
&-2m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{210}^{(22)} + m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(21)} + 3m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(20)}\\
&-m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{102}^{(10)} - m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{012}^{(00)} + m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{300}^{(21)}\\
&-m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(20)} - m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(10)} + m_{001}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{111}^{(00)}\\
&-3m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(21)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{201}^{(11)} + 3m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{120}^{(20)}\\
&-m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(10)} - m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{021}^{(00)} - m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(21)}\\
&+m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(20)} + m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(10)} - m_{001}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(00)}\\
&+2m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{210}^{(21)} - m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{201}^{(11)} - 2m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(20)}\\
&+m_{001}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{021}^{(00)} - 4m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(21)} + 2m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{201}^{(11)}\\
&+4m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(20)} - 2m_{001}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{021}^{(00)} + 2m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(21)}\\
&-m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{201}^{(11)} - 2m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{120}^{(20)} + m_{001}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{021}^{(00)}\\
&-(m_{001}^{(11)})^2m_{200}^{(21)}m_{300}^{(22)} + 2(m_{001}^{(11)})^2m_{200}^{(21)}m_{201}^{(20)} - (m_{001}^{(11)})^2m_{200}^{(21)}m_{102}^{(00)}\\
&+(m_{001}^{(11)})^2m_{110}^{(20)}m_{300}^{(22)} - 2(m_{001}^{(11)})^2m_{110}^{(20)}m_{201}^{(20)} + (m_{001}^{(11)})^2m_{110}^{(20)}m_{102}^{(00)}
\end{aligned}
$$

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\begin{aligned}
&+(m_{001}^{(11)})^2 m_{101}^{(10)} m_{300}^{(22)} - 2(m_{001}^{(11)})^2 m_{101}^{(10)} m_{201}^{(20)} + (m_{001}^{(11)})^2 m_{101}^{(10)} m_{102}^{(00)} \\
&-(m_{001}^{(11)})^2 m_{011}^{(00)} m_{300}^{(22)} + 2(m_{001}^{(11)})^2 m_{011}^{(00)} m_{201}^{(20)} - (m_{001}^{(11)})^2 m_{011}^{(00)} m_{102}^{(00)} \\
&-m_{001}^{(11)} m_{001}^{(20)} m_{200}^{(11)} m_{210}^{(22)} + m_{001}^{(11)} m_{001}^{(20)} m_{200}^{(11)} m_{201}^{(21)} + m_{001}^{(11)} m_{001}^{(20)} m_{200}^{(11)} m_{111}^{(20)} \\
&-m_{001}^{(11)} m_{001}^{(20)} m_{200}^{(11)} m_{102}^{(10)} - m_{001}^{(11)} m_{001}^{(20)} m_{200}^{(21)} m_{210}^{(21)} + m_{001}^{(11)} m_{001}^{(20)} m_{200}^{(21)} m_{120}^{(20)} \\
&+m_{001}^{(11)} m_{001}^{(20)} m_{200}^{(21)} m_{111}^{(10)} - m_{001}^{(11)} m_{001}^{(20)} m_{200}^{(21)} m_{021}^{(00)} + 2m_{001}^{(11)} m_{001}^{(20)} m_{110}^{(10)} m_{210}^{(22)} \\
&-2m_{001}^{(11)} m_{001}^{(20)} m_{110}^{(10)} m_{201}^{(21)} - 2m_{001}^{(11)} m_{001}^{(20)} m_{110}^{(10)} m_{111}^{(20)} + 2m_{001}^{(11)} m_{001}^{(20)} m_{110}^{(10)} m_{102}^{(10)} \\
&+m_{001}^{(11)} m_{001}^{(20)} m_{110}^{(20)} m_{210}^{(21)} - m_{001}^{(11)} m_{001}^{(20)} m_{110}^{(20)} m_{120}^{(20)} - m_{001}^{(11)} m_{001}^{(20)} m_{110}^{(20)} m_{111}^{(10)} \\
&+m_{001}^{(11)} m_{001}^{(20)} m_{110}^{(20)} m_{021}^{(00)} - m_{001}^{(11)} m_{001}^{(20)} m_{110}^{(21)} m_{300}^{(21)} + m_{001}^{(11)} m_{001}^{(20)} m_{110}^{(21)} m_{210}^{(20)} \\
&+m_{001}^{(11)} m_{001}^{(20)} m_{110}^{(21)} m_{201}^{(10)} - m_{001}^{(11)} m_{001}^{(20)} m_{110}^{(21)} m_{111}^{(00)} + m_{001}^{(11)} m_{001}^{(20)} m_{101}^{(10)} m_{210}^{(21)} \\
&-m_{001}^{(11)} m_{001}^{(20)} m_{101}^{(10)} m_{120}^{(20)} - m_{001}^{(11)} m_{001}^{(20)} m_{101}^{(10)} m_{111}^{(10)} + m_{001}^{(11)} m_{001}^{(20)} m_{101}^{(10)} m_{021}^{(00)} \\
&+m_{001}^{(11)} m_{001}^{(20)} m_{101}^{(11)} m_{300}^{(21)} - m_{001}^{(11)} m_{001}^{(20)} m_{101}^{(11)} m_{210}^{(20)} - m_{001}^{(11)} m_{001}^{(20)} m_{101}^{(11)} m_{201}^{(10)} \\
&+m_{001}^{(11)} m_{001}^{(20)} m_{101}^{(11)} m_{111}^{(00)} - m_{001}^{(11)} m_{001}^{(20)} m_{020}^{(00)} m_{210}^{(22)} + m_{001}^{(11)} m_{001}^{(20)} m_{020}^{(00)} m_{201}^{(21)} \\
&+m_{001}^{(11)} m_{001}^{(20)} m_{020}^{(00)} m_{111}^{(20)} - m_{001}^{(11)} m_{001}^{(20)} m_{020}^{(00)} m_{102}^{(10)} + m_{001}^{(11)} m_{001}^{(20)} m_{020}^{(20)} m_{300}^{(21)} \\
&-m_{001}^{(11)} m_{001}^{(20)} m_{020}^{(20)} m_{210}^{(20)} - m_{001}^{(11)} m_{001}^{(20)} m_{020}^{(20)} m_{201}^{(10)} + m_{001}^{(11)} m_{001}^{(20)} m_{020}^{(20)} m_{111}^{(00)} \\
&-m_{001}^{(11)} m_{001}^{(20)} m_{011}^{(00)} m_{210}^{(21)} + m_{001}^{(11)} m_{001}^{(20)} m_{011}^{(00)} m_{120}^{(20)} + m_{001}^{(11)} m_{001}^{(20)} m_{011}^{(00)} m_{111}^{(10)} \\
&-m_{001}^{(11)} m_{001}^{(20)} m_{011}^{(00)} m_{021}^{(00)} - m_{001}^{(11)} m_{001}^{(20)} m_{011}^{(10)} m_{300}^{(21)} + m_{001}^{(11)} m_{001}^{(20)} m_{011}^{(10)} m_{210}^{(20)} \\
&+m_{001}^{(11)} m_{001}^{(20)} m_{011}^{(10)} m_{201}^{(10)} - m_{001}^{(11)} m_{001}^{(20)} m_{011}^{(10)} m_{111}^{(00)} + m_{001}^{(11)} m_{001}^{(21)} m_{200}^{(11)} m_{300}^{(22)} \\
&-2m_{001}^{(11)} m_{001}^{(21)} m_{200}^{(11)} m_{201}^{(20)} + m_{001}^{(11)} m_{001}^{(21)} m_{200}^{(11)} m_{102}^{(00)} + 2m_{001}^{(11)} m_{001}^{(21)} m_{200}^{(21)} m_{300}^{(21)} \\
&-2m_{001}^{(11)} m_{001}^{(21)} m_{200}^{(21)} m_{210}^{(20)} - 2m_{001}^{(11)} m_{001}^{(21)} m_{200}^{(21)} m_{201}^{(10)} + 2m_{001}^{(11)} m_{001}^{(21)} m_{200}^{(21)} m_{111}^{(00)} \\
&-2m_{001}^{(11)} m_{001}^{(21)} m_{110}^{(10)} m_{300}^{(22)} + 4m_{001}^{(11)} m_{001}^{(21)} m_{110}^{(10)} m_{201}^{(20)} - 2m_{001}^{(11)} m_{001}^{(21)} m_{110}^{(10)} m_{102}^{(00)} \\
&-2m_{001}^{(11)} m_{001}^{(21)} m_{110}^{(20)} m_{300}^{(21)} + 2m_{001}^{(11)} m_{001}^{(21)} m_{110}^{(20)} m_{210}^{(20)} + 2m_{001}^{(11)} m_{001}^{(21)} m_{110}^{(20)} m_{201}^{(10)} \\
&-2m_{001}^{(11)} m_{001}^{(21)} m_{110}^{(20)} m_{111}^{(00)} - 2m_{001}^{(11)} m_{001}^{(21)} m_{101}^{(10)} m_{300}^{(21)} + 2m_{001}^{(11)} m_{001}^{(21)} m_{101}^{(10)} m_{210}^{(20)} \\
&+2m_{001}^{(11)} m_{001}^{(21)} m_{101}^{(10)} m_{201}^{(10)} - 2m_{001}^{(11)} m_{001}^{(21)} m_{101}^{(10)} m_{111}^{(00)} + m_{001}^{(11)} m_{001}^{(21)} m_{020}^{(00)} m_{300}^{(22)} \\
&-2m_{001}^{(11)} m_{001}^{(21)} m_{020}^{(00)} m_{201}^{(20)} + m_{001}^{(11)} m_{001}^{(21)} m_{020}^{(00)} m_{102}^{(00)} + 2m_{001}^{(11)} m_{001}^{(21)} m_{011}^{(00)} m_{300}^{(21)} \\
&-2m_{001}^{(11)} m_{001}^{(21)} m_{011}^{(00)} m_{210}^{(20)} - 2m_{001}^{(11)} m_{001}^{(21)} m_{011}^{(00)} m_{201}^{(10)} + 2m_{001}^{(11)} m_{001}^{(21)} m_{011}^{(00)} m_{111}^{(00)} \\
&-m_{001}^{(11)} m_{001}^{(22)} m_{200}^{(11)} m_{300}^{(21)} + m_{001}^{(11)} m_{001}^{(22)} m_{200}^{(11)} m_{210}^{(20)} + m_{001}^{(11)} m_{001}^{(22)} m_{200}^{(11)} m_{201}^{(10)} \\
&-m_{001}^{(11)} m_{001}^{(22)} m_{200}^{(11)} m_{111}^{(00)} + 2m_{001}^{(11)} m_{001}^{(22)} m_{110}^{(10)} m_{300}^{(21)} - 2m_{001}^{(11)} m_{001}^{(22)} m_{110}^{(10)} m_{210}^{(20)} \\
&-2m_{001}^{(11)} m_{001}^{(22)} m_{110}^{(10)} m_{201}^{(10)} + 2m_{001}^{(11)} m_{001}^{(22)} m_{110}^{(10)} m_{111}^{(00)} - m_{001}^{(11)} m_{001}^{(22)} m_{020}^{(00)} m_{300}^{(21)} \\
&+m_{001}^{(11)} m_{001}^{(22)} m_{020}^{(00)} m_{210}^{(20)} + m_{001}^{(11)} m_{001}^{(22)} m_{020}^{(00)} m_{201}^{(10)} - m_{001}^{(11)} m_{001}^{(22)} m_{020}^{(00)} m_{111}^{(00)} \\
&-(m_{001}^{(20)})^2 m_{200}^{(11)} m_{120}^{(21)} + (m_{001}^{(20)})^2 m_{200}^{(11)} m_{111}^{(20)} + (m_{001}^{(20)})^2 m_{200}^{(11)} m_{030}^{(20)} \\
&-(m_{001}^{(20)})^2 m_{200}^{(11)} m_{021}^{(10)} + 2(m_{001}^{(20)})^2 m_{110}^{(10)} m_{120}^{(21)} - 2(m_{001}^{(20)})^2 m_{110}^{(10)} m_{111}^{(11)} \\
&-2(m_{001}^{(20)})^2 m_{110}^{(10)} m_{030}^{(20)} + 2(m_{001}^{(20)})^2 m_{110}^{(10)} m_{021}^{(10)} - (m_{001}^{(20)})^2 m_{110}^{(21)} m_{210}^{(11)} \\
&+2(m_{001}^{(20)})^2 m_{110}^{(21)} m_{120}^{(10)} - (m_{001}^{(20)})^2 m_{110}^{(21)} m_{030}^{(00)} + (m_{001}^{(20)})^2 m_{101}^{(11)} m_{210}^{(11)} \\
&-2(m_{001}^{(20)})^2 m_{101}^{(11)} m_{120}^{(10)} + (m_{001}^{(20)})^2 m_{101}^{(11)} m_{030}^{(00)} - (m_{001}^{(20)})^2 m_{020}^{(00)} m_{120}^{(21)} \\
&+(m_{001}^{(20)})^2 m_{020}^{(00)} m_{111}^{(11)} + (m_{001}^{(20)})^2 m_{020}^{(00)} m_{030}^{(20)} - (m_{001}^{(20)})^2 m_{020}^{(00)} m_{021}^{(10)} \\
&+(m_{001}^{(20)})^2 m_{020}^{(20)} m_{210}^{(11)} - 2(m_{001}^{(20)})^2 m_{020}^{(20)} m_{120}^{(10)} + (m_{001}^{(20)})^2 m_{020}^{(20)} m_{030}^{(00)} \\
&-(m_{001}^{(20)})^2 m_{011}^{(10)} m_{210}^{(11)} + 2(m_{001}^{(20)})^2 m_{011}^{(10)} m_{120}^{(10)} - (m_{001}^{(20)})^2 m_{011}^{(10)} m_{030}^{(00)} \\
&+2m_{001}^{(20)} m_{001}^{(21)} m_{200}^{(11)} m_{210}^{(21)} - m_{001}^{(20)} m_{001}^{(21)} m_{200}^{(11)} m_{201}^{(11)} - 2m_{001}^{(20)} m_{001}^{(21)} m_{200}^{(11)} m_{120}^{(20)}
\end{aligned}
$$

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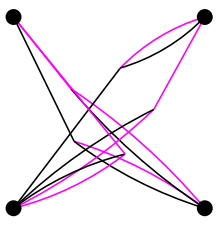
\begin{aligned}
&+m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{021}^{(00)} + m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{210}^{(11)} - 2m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(10)}\\
&+m_{001}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{030}^{(00)} - 4m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{210}^{(21)} + 2m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(11)}\\
&+4m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{120}^{(20)} - 2m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{021}^{(00)} - m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(11)}\\
&+2m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(10)} - m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{030}^{(00)} + m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{300}^{(11)}\\
&-2m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(10)} + m_{001}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{120}^{(00)} - m_{001}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(11)}\\
&+2m_{001}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(10)} - m_{001}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{030}^{(00)} - m_{001}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{300}^{(11)}\\
&+2m_{001}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(10)} - m_{001}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{120}^{(00)} + 2m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{210}^{(21)}\\
&-m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(11)} - 2m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{120}^{(20)} + m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{021}^{(00)}\\
&-m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{300}^{(11)} + 2m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(10)} - m_{001}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{120}^{(00)}\\
&+m_{001}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(11)} - 2m_{001}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{120}^{(10)} + m_{001}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{030}^{(00)}\\
&+m_{001}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(11)} - 2m_{001}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(10)} + m_{001}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{120}^{(00)}\\
&-m_{001}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{210}^{(11)} + 2m_{001}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(10)} - m_{001}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{030}^{(00)}\\
&+2m_{001}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(11)} - 4m_{001}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(10)} + 2m_{001}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{030}^{(00)}\\
&-m_{001}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(11)} + 2m_{001}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{120}^{(10)} - m_{001}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{030}^{(00)}\\
&-(m_{001}^{(21)})^2m_{200}^{(11)}m_{300}^{(21)} + (m_{001}^{(21)})^2m_{200}^{(11)}m_{210}^{(20)} + (m_{001}^{(21)})^2m_{200}^{(10)}m_{201}^{(11)}\\
&-(m_{001}^{(21)})^2m_{200}^{(11)}m_{111}^{(00)} - (m_{001}^{(21)})^2m_{200}^{(21)}m_{300}^{(11)} + 2(m_{001}^{(21)})^2m_{200}^{(21)}m_{210}^{(10)}\\
&-(m_{001}^{(21)})^2m_{200}^{(21)}m_{120}^{(00)} + 2(m_{001}^{(21)})^2m_{110}^{(10)}m_{300}^{(21)} - 2(m_{001}^{(21)})^2m_{110}^{(10)}m_{210}^{(20)}\\
&-2(m_{001}^{(21)})^2m_{110}^{(10)}m_{201}^{(10)} + 2(m_{001}^{(21)})^2m_{110}^{(10)}m_{111}^{(00)} + (m_{001}^{(21)})^2m_{110}^{(20)}m_{300}^{(11)}\\
&-2(m_{001}^{(21)})^2m_{110}^{(20)}m_{210}^{(10)} + (m_{001}^{(21)})^2m_{110}^{(20)}m_{120}^{(00)} + (m_{001}^{(21)})^2m_{101}^{(10)}m_{300}^{(11)}\\
&-2(m_{001}^{(21)})^2m_{101}^{(10)}m_{210}^{(10)} + (m_{001}^{(21)})^2m_{101}^{(10)}m_{120}^{(00)} - (m_{001}^{(21)})^2m_{020}^{(00)}m_{300}^{(21)}\\
&+(m_{001}^{(21)})^2m_{020}^{(00)}m_{210}^{(20)} + (m_{001}^{(21)})^2m_{020}^{(00)}m_{201}^{(10)} - (m_{001}^{(21)})^2m_{020}^{(00)}m_{111}^{(00)}\\
&-(m_{001}^{(21)})^2m_{011}^{(00)}m_{300}^{(11)} + 2(m_{001}^{(21)})^2m_{011}^{(00)}m_{210}^{(10)} - (m_{001}^{(21)})^2m_{011}^{(00)}m_{120}^{(00)}\\
&+m_{001}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{300}^{(11)} - 2m_{001}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{210}^{(10)} + m_{001}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(00)}\\
&-2m_{001}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{300}^{(11)} + 4m_{001}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(10)} - 2m_{001}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(00)}\\
&+m_{001}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{300}^{(11)} - 2m_{001}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(10)} + m_{001}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{120}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{rrrrr}
V1 & V1 & 1 & V2 & 2\\
1 & 1 & V3 & V4 & V4\\
V2 & V3 & 3 & 4 & 4
\end{array}
$$



$$
\begin{aligned}
T_{105} \;=\;& -2m_{100}^{(00)}m_{010}^{(10)}m_{110}^{(21)}m_{012}^{(22)} + 2m_{100}^{(00)}m_{010}^{(10)}m_{110}^{(21)}m_{003}^{(21)} + 2m_{100}^{(00)}m_{010}^{(10)}m_{110}^{(22)}m_{012}^{(21)} \\
& -2m_{100}^{(00)}m_{010}^{(10)}m_{110}^{(22)}m_{003}^{(11)} + 2m_{100}^{(00)}m_{010}^{(10)}m_{101}^{(21)}m_{021}^{(22)} - 2m_{100}^{(00)}m_{010}^{(10)}m_{101}^{(21)}m_{012}^{(21)} \\
& -2m_{100}^{(00)}m_{010}^{(10)}m_{101}^{(22)}m_{021}^{(21)} + 2m_{100}^{(00)}m_{010}^{(10)}m_{101}^{(22)}m_{012}^{(11)} + m_{100}^{(00)}m_{010}^{(10)}m_{020}^{(20)}m_{012}^{(22)} \\
& -m_{100}^{(00)}m_{010}^{(10)}m_{020}^{(20)}m_{003}^{(21)} + m_{100}^{(00)}m_{010}^{(10)}m_{020}^{(21)}m_{102}^{(22)} - m_{100}^{(00)}m_{010}^{(10)}m_{020}^{(21)}m_{003}^{(20)} \\
& -m_{100}^{(00)}m_{010}^{(10)}m_{020}^{(22)}m_{102}^{(21)} - m_{100}^{(00)}m_{010}^{(10)}m_{020}^{(22)}m_{012}^{(20)} + 2m_{100}^{(00)}m_{010}^{(10)}m_{020}^{(22)}m_{003}^{(10)} \\
& -2m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(20)}m_{021}^{(22)} + 2m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(20)}m_{012}^{(21)} - 2m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{102}^{(21)} \\
& +2m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{012}^{(20)} + 2m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(22)}m_{102}^{(11)} + 2m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(22)}m_{021}^{(20)} \\
& -4m_{100}^{(00)}m_{010}^{(10)}m_{011}^{(22)}m_{012}^{(10)} + m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(20)}m_{030}^{(22)} - m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(20)}m_{021}^{(21)} \\
& -m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(21)}m_{120}^{(22)} + 2m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(21)}m_{111}^{(21)} - m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(21)}m_{021}^{(20)} \\
& +m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(22)}m_{120}^{(21)} - 2m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(22)}m_{111}^{(11)} - m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(22)}m_{030}^{(20)} \\
& +2m_{100}^{(00)}m_{010}^{(10)}m_{002}^{(22)}m_{021}^{(10)} + m_{100}^{(00)}m_{010}^{(11)}m_{200}^{(21)}m_{012}^{(22)} - m_{100}^{(00)}m_{010}^{(11)}m_{200}^{(21)}m_{003}^{(21)} \\
& -m_{100}^{(00)}m_{010}^{(11)}m_{200}^{(22)}m_{012}^{(21)} + m_{100}^{(00)}m_{010}^{(11)}m_{200}^{(22)}m_{003}^{(11)} - 2m_{100}^{(00)}m_{010}^{(11)}m_{101}^{(21)}m_{111}^{(22)} \\
& +2m_{100}^{(00)}m_{010}^{(11)}m_{101}^{(21)}m_{102}^{(21)} + 2m_{100}^{(00)}m_{010}^{(11)}m_{101}^{(22)}m_{111}^{(21)} - 2m_{100}^{(00)}m_{010}^{(11)}m_{101}^{(22)}m_{102}^{(11)} \\
& -m_{100}^{(00)}m_{010}^{(11)}m_{020}^{(20)}m_{102}^{(22)} + m_{100}^{(00)}m_{010}^{(11)}m_{020}^{(20)}m_{003}^{(20)} + m_{100}^{(00)}m_{010}^{(11)}m_{020}^{(22)}m_{102}^{(20)} \\
& -m_{100}^{(00)}m_{010}^{(11)}m_{020}^{(22)}m_{003}^{(00)} + 2m_{100}^{(00)}m_{010}^{(11)}m_{011}^{(20)}m_{111}^{(22)} - 2m_{100}^{(00)}m_{010}^{(11)}m_{011}^{(20)}m_{012}^{(20)} \\
& -2m_{100}^{(00)}m_{010}^{(11)}m_{011}^{(22)}m_{111}^{(20)} + 2m_{100}^{(00)}m_{010}^{(11)}m_{011}^{(22)}m_{012}^{(00)} - m_{100}^{(00)}m_{010}^{(11)}m_{002}^{(20)}m_{120}^{(22)} \\
& +m_{100}^{(00)}m_{010}^{(11)}m_{002}^{(20)}m_{021}^{(20)} + m_{100}^{(00)}m_{010}^{(11)}m_{002}^{(21)}m_{210}^{(22)} - m_{100}^{(00)}m_{010}^{(11)}m_{002}^{(21)}m_{201}^{(21)} \\
& -m_{100}^{(00)}m_{010}^{(11)}m_{002}^{(22)}m_{210}^{(21)} + m_{100}^{(00)}m_{010}^{(11)}m_{002}^{(22)}m_{201}^{(11)} + m_{100}^{(00)}m_{010}^{(11)}m_{002}^{(22)}m_{120}^{(20)} \\
& -m_{100}^{(00)}m_{010}^{(11)}m_{002}^{(22)}m_{021}^{(00)} + 2m_{100}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{021}^{(22)} - 2m_{100}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{012}^{(21)} \\
& -2m_{100}^{(00)}m_{010}^{(20)}m_{110}^{(22)}m_{021}^{(21)} + 2m_{100}^{(00)}m_{010}^{(20)}m_{110}^{(22)}m_{012}^{(11)} - 2m_{100}^{(00)}m_{010}^{(20)}m_{101}^{(21)}m_{030}^{(22)} \\
& +2m_{100}^{(00)}m_{010}^{(20)}m_{101}^{(21)}m_{021}^{(21)} + 2m_{100}^{(00)}m_{010}^{(20)}m_{101}^{(22)}m_{030}^{(21)} - 2m_{100}^{(00)}m_{010}^{(20)}m_{101}^{(22)}m_{021}^{(11)} \\
& -m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(20)}m_{012}^{(21)} + m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(20)}m_{003}^{(11)} - 2m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(21)}m_{111}^{(22)} \\
& +m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(21)}m_{102}^{(21)} + 2m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(21)}m_{012}^{(20)} - m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(21)}m_{003}^{(10)} \\
& +2m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(22)}m_{111}^{(21)} - m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(22)}m_{102}^{(11)} - m_{100}^{(00)}m_{010}^{(20)}m_{020}^{(22)}m_{012}^{(10)} \\
& +2m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(20)}m_{021}^{(21)} - 2m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(20)}m_{012}^{(11)} + 2m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{120}^{(22)} \\
& -4m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{021}^{(20)} + 2m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{012}^{(10)} - 2m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(22)}m_{120}^{(21)} \\
& +2m_{100}^{(00)}m_{010}^{(20)}m_{011}^{(22)}m_{021}^{(10)} - m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(20)}m_{030}^{(21)} + m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(20)}m_{021}^{(11)} \\
& -m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{120}^{(21)} + 2m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{030}^{(20)} - m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{021}^{(10)} \\
& +m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(22)}m_{120}^{(11)} - m_{100}^{(00)}m_{010}^{(20)}m_{002}^{(22)}m_{030}^{(10)} - 2m_{100}^{(00)}m_{010}^{(21)}m_{200}^{(21)}m_{021}^{(22)} \\
& +2m_{100}^{(00)}m_{010}^{(21)}m_{200}^{(21)}m_{012}^{(21)} + 2m_{100}^{(00)}m_{010}^{(21)}m_{200}^{(22)}m_{021}^{(21)} - 2m_{100}^{(00)}m_{010}^{(21)}m_{200}^{(22)}m_{012}^{(11)} \\
& +2m_{100}^{(00)}m_{010}^{(21)}m_{110}^{(21)}m_{111}^{(22)} - 2m_{100}^{(00)}m_{010}^{(21)}m_{110}^{(21)}m_{102}^{(21)} - 2m_{100}^{(00)}m_{010}^{(21)}m_{110}^{(22)}m_{111}^{(21)} \\
& +2m_{100}^{(00)}m_{010}^{(21)}m_{110}^{(22)}m_{102}^{(11)} + 2m_{100}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{120}^{(22)} - 2m_{100}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(21)} \\
& -2m_{100}^{(00)}m_{010}^{(21)}m_{101}^{(22)}m_{120}^{(21)} + 2m_{100}^{(00)}m_{010}^{(21)}m_{101}^{(22)}m_{111}^{(11)} + 2m_{100}^{(00)}m_{010}^{(21)}m_{020}^{(20)}m_{102}^{(21)} \\
& -m_{100}^{(00)}m_{010}^{(21)}m_{020}^{(20)}m_{012}^{(20)} - m_{100}^{(00)}m_{010}^{(21)}m_{020}^{(20)}m_{003}^{(10)} - m_{100}^{(00)}m_{010}^{(21)}m_{020}^{(21)}m_{102}^{(20)} \\
& +m_{100}^{(00)}m_{010}^{(21)}m_{020}^{(21)}m_{003}^{(00)} - m_{100}^{(00)}m_{010}^{(21)}m_{020}^{(22)}m_{102}^{(10)} + m_{100}^{(00)}m_{010}^{(21)}m_{020}^{(22)}m_{012}^{(00)} \\
& -4m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{111}^{(21)} + 2m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{021}^{(20)} + 2m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{012}^{(10)} \\
& -2m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{210}^{(22)} + 2m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(21)} + 2m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{111}^{(20)} \\
& -2m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{012}^{(00)} + 2m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{210}^{(21)} - 2m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{201}^{(11)}
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&+2m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{111}^{(10)} - 2m_{100}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{021}^{(00)} + 2m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(20)}m_{120}^{(21)}\\
&-m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(20)}m_{030}^{(20)} - m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(20)}m_{021}^{(10)} - m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(21)}m_{120}^{(20)}\\
&+m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(21)}m_{021}^{(00)} - m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(22)}m_{120}^{(10)} + m_{100}^{(00)}m_{010}^{(21)}m_{002}^{(22)}m_{030}^{(00)}\\
&+m_{100}^{(00)}m_{010}^{(22)}m_{200}^{(21)}m_{030}^{(22)} - m_{100}^{(00)}m_{010}^{(22)}m_{200}^{(21)}m_{021}^{(21)} - m_{100}^{(00)}m_{010}^{(22)}m_{200}^{(22)}m_{030}^{(21)}\\
&+m_{100}^{(00)}m_{010}^{(22)}m_{200}^{(22)}m_{021}^{(11)} - 2m_{100}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{120}^{(22)} + 2m_{100}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(21)}\\
&+2m_{100}^{(00)}m_{010}^{(22)}m_{110}^{(22)}m_{120}^{(21)} - 2m_{100}^{(00)}m_{010}^{(22)}m_{110}^{(22)}m_{111}^{(11)} - m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(20)}m_{102}^{(11)}\\
&+m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(20)}m_{012}^{(10)} + m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(21)}m_{210}^{(22)} - m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(21)}m_{201}^{(21)}\\
&+m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(21)}m_{102}^{(10)} - m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(21)}m_{012}^{(00)} - m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(22)}m_{210}^{(21)}\\
&+m_{100}^{(00)}m_{010}^{(22)}m_{020}^{(22)}m_{201}^{(11)} + 2m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(20)}m_{111}^{(11)} - 2m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(20)}m_{021}^{(10)}\\
&-2m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{111}^{(10)} + 2m_{100}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{021}^{(00)} - m_{100}^{(00)}m_{010}^{(22)}m_{002}^{(20)}m_{120}^{(11)}\\
&+m_{100}^{(00)}m_{010}^{(22)}m_{002}^{(20)}m_{030}^{(10)} + m_{100}^{(00)}m_{010}^{(22)}m_{002}^{(21)}m_{120}^{(10)} - m_{100}^{(00)}m_{010}^{(22)}m_{002}^{(21)}m_{030}^{(00)}\\
&+2m_{100}^{(00)}m_{001}^{(10)}m_{110}^{(11)}m_{012}^{(22)} - 2m_{100}^{(00)}m_{001}^{(10)}m_{110}^{(11)}m_{003}^{(21)} - 2m_{100}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(21)}\\
&+2m_{100}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{003}^{(11)} - 2m_{100}^{(00)}m_{001}^{(10)}m_{101}^{(11)}m_{021}^{(22)} + 2m_{100}^{(00)}m_{001}^{(10)}m_{101}^{(11)}m_{012}^{(21)}\\
&+2m_{100}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(21)} - 2m_{100}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{012}^{(11)} - m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(10)}m_{012}^{(22)}\\
&+m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(10)}m_{003}^{(21)} - m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(11)}m_{102}^{(22)} + m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(11)}m_{003}^{(20)}\\
&+m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{102}^{(21)} + m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{012}^{(20)} - 2m_{100}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{003}^{(10)}\\
&+2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{021}^{(22)} - 2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{012}^{(21)} + 2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{102}^{(21)}\\
&-2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{012}^{(20)} - 2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{102}^{(11)} - 2m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{021}^{(20)}\\
&+4m_{100}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{012}^{(10)} - m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{030}^{(22)} + m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{021}^{(21)}\\
&+m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{120}^{(22)} - 2m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{111}^{(21)} + m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{021}^{(20)}\\
&-m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{120}^{(21)} + 2m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{111}^{(11)} + m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{030}^{(20)}\\
&-2m_{100}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{021}^{(10)} - m_{100}^{(00)}m_{001}^{(11)}m_{200}^{(11)}m_{012}^{(22)} + m_{100}^{(00)}m_{001}^{(11)}m_{200}^{(11)}m_{003}^{(21)}\\
&+m_{100}^{(00)}m_{001}^{(11)}m_{200}^{(21)}m_{012}^{(21)} - m_{100}^{(00)}m_{001}^{(11)}m_{200}^{(21)}m_{003}^{(11)} + 2m_{100}^{(00)}m_{001}^{(11)}m_{101}^{(11)}m_{111}^{(22)}\\
&-2m_{100}^{(00)}m_{001}^{(11)}m_{101}^{(11)}m_{102}^{(21)} - 2m_{100}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(21)} + 2m_{100}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{102}^{(11)}\\
&+m_{100}^{(00)}m_{001}^{(11)}m_{020}^{(10)}m_{102}^{(22)} - m_{100}^{(00)}m_{001}^{(11)}m_{020}^{(10)}m_{003}^{(20)} - m_{100}^{(00)}m_{001}^{(11)}m_{020}^{(21)}m_{102}^{(20)}\\
&+m_{100}^{(00)}m_{001}^{(11)}m_{020}^{(21)}m_{003}^{(00)} - 2m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(10)}m_{111}^{(22)} + 2m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(10)}m_{012}^{(20)}\\
&+2m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{111}^{(20)} - 2m_{100}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{012}^{(00)} + m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(10)}m_{120}^{(22)}\\
&-m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(10)}m_{021}^{(20)} - m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(11)}m_{210}^{(22)} + m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(11)}m_{201}^{(21)}\\
&+m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{210}^{(21)} - m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{201}^{(11)} - m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{120}^{(20)}\\
&+m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{021}^{(00)} - 2m_{100}^{(00)}m_{001}^{(20)}m_{110}^{(11)}m_{021}^{(22)} + 2m_{100}^{(00)}m_{001}^{(20)}m_{110}^{(11)}m_{012}^{(21)}\\
&+2m_{100}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(21)} - 2m_{100}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{012}^{(11)} + 2m_{100}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{030}^{(22)}\\
&-2m_{100}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{021}^{(21)} - 2m_{100}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{030}^{(21)} + 2m_{100}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{021}^{(11)}\\
&+m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{012}^{(21)} - m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{003}^{(11)} + 2m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{111}^{(22)}\\
&-m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{102}^{(21)} - 2m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{012}^{(20)} + m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{003}^{(10)}\\
&-2m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(21)} + m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{102}^{(11)} + m_{100}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{012}^{(10)}\\
&-2m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{021}^{(21)} + 2m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{012}^{(11)} - 2m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{120}^{(22)}\\
&+4m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{021}^{(20)} - 2m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{012}^{(10)} + 2m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(21)}\\
&-2m_{100}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{021}^{(10)} + m_{100}^{(00)}m_{001}^{(20)}m_{002}^{(10)}m_{030}^{(21)} - m_{100}^{(00)}m_{001}^{(20)}m_{002}^{(10)}m_{021}^{(11)}
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&-m_{100}^{(00)}m_{001}^{(20)}m_{002}^{(21)}m_{120}^{(11)} + m_{100}^{(00)}m_{001}^{(20)}m_{002}^{(21)}m_{030}^{(10)} + 2m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(11)}m_{200}^{(22)}m_{021}^{(22)}\\
&-2m_{100}^{(00)}m_{001}^{(21)}m_{200}^{(11)}m_{012}^{(21)} - 2m_{100}^{(00)}m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(21)} + 2m_{100}^{(00)}m_{001}^{(21)}m_{200}^{(21)}m_{012}^{(11)}\\
&-2m_{100}^{(00)}m_{001}^{(21)}m_{110}^{(11)}m_{111}^{(22)} + 2m_{100}^{(00)}m_{001}^{(21)}m_{110}^{(11)}m_{102}^{(21)} + 2m_{100}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(21)}\\
&-2m_{100}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{102}^{(11)} - 2m_{100}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{120}^{(22)} + 2m_{100}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{111}^{(21)}\\
&+2m_{100}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(21)} - 2m_{100}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{111}^{(11)} - 2m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{102}^{(21)}\\
&+m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{012}^{(20)} + m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{003}^{(10)} + m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(11)}m_{102}^{(20)}\\
&-m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(11)}m_{003}^{(00)} + m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{102}^{(10)} - m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{012}^{(00)}\\
&+4m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(21)} - 2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{021}^{(20)} - 2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{012}^{(10)}\\
&+2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{210}^{(22)} - 2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{201}^{(21)} - 2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{111}^{(20)}\\
&+2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{012}^{(00)} - 2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(21)} + 2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{201}^{(11)}\\
&-2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{111}^{(10)} + 2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{021}^{(00)} - 2m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(10)}m_{120}^{(21)}\\
&+m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(10)}m_{030}^{(20)} + m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(10)}m_{021}^{(10)} + m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(11)}m_{120}^{(20)}\\
&-m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(11)}m_{021}^{(00)} + m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(21)}m_{120}^{(10)} - m_{100}^{(00)}m_{001}^{(21)}m_{002}^{(21)}m_{030}^{(00)}\\
&-m_{100}^{(00)}m_{001}^{(22)}m_{200}^{(11)}m_{030}^{(22)} + m_{100}^{(00)}m_{001}^{(22)}m_{200}^{(11)}m_{021}^{(21)} + m_{100}^{(00)}m_{001}^{(22)}m_{200}^{(21)}m_{030}^{(21)}\\
&-m_{100}^{(00)}m_{001}^{(22)}m_{200}^{(21)}m_{021}^{(11)} + 2m_{100}^{(00)}m_{001}^{(22)}m_{110}^{(11)}m_{120}^{(22)} - 2m_{100}^{(00)}m_{001}^{(22)}m_{110}^{(11)}m_{111}^{(21)}\\
&-2m_{100}^{(00)}m_{001}^{(22)}m_{110}^{(21)}m_{120}^{(21)} + 2m_{100}^{(00)}m_{001}^{(22)}m_{110}^{(21)}m_{111}^{(11)} + m_{100}^{(00)}m_{001}^{(22)}m_{020}^{(10)}m_{102}^{(11)}\\
&-m_{100}^{(00)}m_{001}^{(22)}m_{020}^{(10)}m_{012}^{(10)} - m_{100}^{(00)}m_{001}^{(22)}m_{020}^{(11)}m_{210}^{(22)} + m_{100}^{(00)}m_{001}^{(22)}m_{020}^{(11)}m_{201}^{(21)}\\
&-m_{100}^{(00)}m_{001}^{(22)}m_{020}^{(11)}m_{102}^{(10)} + m_{100}^{(00)}m_{001}^{(22)}m_{020}^{(11)}m_{012}^{(00)} + m_{100}^{(00)}m_{001}^{(22)}m_{020}^{(21)}m_{210}^{(21)}\\
&-m_{100}^{(00)}m_{001}^{(22)}m_{020}^{(21)}m_{201}^{(11)} - 2m_{100}^{(00)}m_{001}^{(22)}m_{011}^{(10)}m_{111}^{(11)} + 2m_{100}^{(00)}m_{001}^{(22)}m_{011}^{(10)}m_{021}^{(10)}\\
&+2m_{100}^{(00)}m_{001}^{(22)}m_{011}^{(11)}m_{111}^{(10)} - 2m_{100}^{(00)}m_{001}^{(22)}m_{011}^{(11)}m_{021}^{(00)} + m_{100}^{(00)}m_{001}^{(22)}m_{002}^{(10)}m_{120}^{(11)}\\
&-m_{100}^{(00)}m_{001}^{(22)}m_{002}^{(10)}m_{030}^{(10)} - m_{100}^{(00)}m_{001}^{(22)}m_{002}^{(11)}m_{120}^{(10)} + m_{100}^{(00)}m_{001}^{(22)}m_{002}^{(11)}m_{030}^{(00)}\\
&+2m_{100}^{(10)}m_{010}^{(00)}m_{110}^{(21)}m_{012}^{(22)} - 2m_{100}^{(10)}m_{010}^{(00)}m_{110}^{(21)}m_{003}^{(21)} - 2m_{100}^{(10)}m_{010}^{(00)}m_{110}^{(22)}m_{012}^{(21)}\\
&+2m_{100}^{(10)}m_{010}^{(00)}m_{110}^{(22)}m_{003}^{(11)} - 2m_{100}^{(10)}m_{010}^{(00)}m_{101}^{(21)}m_{021}^{(22)} + 2m_{100}^{(10)}m_{010}^{(00)}m_{101}^{(21)}m_{012}^{(21)}\\
&+2m_{100}^{(10)}m_{010}^{(00)}m_{101}^{(22)}m_{021}^{(21)} - 2m_{100}^{(10)}m_{010}^{(00)}m_{101}^{(22)}m_{012}^{(11)} - m_{100}^{(10)}m_{010}^{(00)}m_{020}^{(20)}m_{012}^{(22)}\\
&+m_{100}^{(10)}m_{010}^{(00)}m_{020}^{(20)}m_{003}^{(21)} - m_{100}^{(10)}m_{010}^{(00)}m_{020}^{(21)}m_{102}^{(22)} + m_{100}^{(10)}m_{010}^{(00)}m_{020}^{(21)}m_{003}^{(20)}\\
&+m_{100}^{(10)}m_{010}^{(00)}m_{020}^{(22)}m_{102}^{(21)} + m_{100}^{(10)}m_{010}^{(00)}m_{020}^{(22)}m_{012}^{(20)} - 2m_{100}^{(10)}m_{010}^{(00)}m_{020}^{(22)}m_{003}^{(10)}\\
&+2m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(20)}m_{021}^{(22)} - 2m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(20)}m_{012}^{(21)} + 2m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{102}^{(21)}\\
&-2m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{012}^{(20)} - 2m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(22)}m_{102}^{(11)} - 2m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(22)}m_{021}^{(20)}\\
&+4m_{100}^{(10)}m_{010}^{(00)}m_{011}^{(22)}m_{012}^{(10)} - m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(20)}m_{030}^{(22)} + m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(20)}m_{021}^{(21)}\\
&+m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(21)}m_{120}^{(22)} - 2m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(21)}m_{111}^{(21)} + m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(21)}m_{021}^{(20)}\\
&-m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(22)}m_{120}^{(21)} + 2m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(22)}m_{111}^{(11)} + m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(22)}m_{030}^{(20)}\\
&-2m_{100}^{(10)}m_{010}^{(00)}m_{002}^{(22)}m_{021}^{(10)} - m_{100}^{(10)}m_{010}^{(11)}m_{200}^{(20)}m_{012}^{(22)} + m_{100}^{(10)}m_{010}^{(11)}m_{200}^{(20)}m_{003}^{(21)}\\
&-m_{100}^{(10)}m_{010}^{(11)}m_{200}^{(21)}m_{102}^{(22)} + m_{100}^{(10)}m_{010}^{(11)}m_{200}^{(21)}m_{003}^{(20)} + m_{100}^{(10)}m_{010}^{(11)}m_{200}^{(22)}m_{102}^{(21)}\\
&+m_{100}^{(10)}m_{010}^{(11)}m_{200}^{(22)}m_{012}^{(20)} - 2m_{100}^{(10)}m_{010}^{(11)}m_{200}^{(22)}m_{003}^{(10)} + 2m_{100}^{(10)}m_{010}^{(11)}m_{110}^{(20)}m_{102}^{(22)}\\
&-2m_{100}^{(10)}m_{010}^{(11)}m_{110}^{(20)}m_{003}^{(20)} - 2m_{100}^{(10)}m_{010}^{(11)}m_{110}^{(22)}m_{102}^{(20)} + 2m_{100}^{(10)}m_{010}^{(11)}m_{110}^{(22)}m_{003}^{(00)}\\
&-2m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{102}^{(21)} + 2m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{012}^{(20)} + 2m_{100}^{(10)}m_{010}^{(11)}m_{101}^{(21)}m_{201}^{(22)}\\
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&+2m_{100}^{(10)}m_{010}^{(11)}m_{011}^{(22)}m_{201}^{(20)} - 2m_{100}^{(10)}m_{010}^{(11)}m_{011}^{(22)}m_{102}^{(00)} + m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(20)}m_{210}^{(22)}\\
&+m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(20)}m_{201}^{(21)} - 2m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(20)}m_{111}^{(20)} - m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(21)}m_{300}^{(22)}\\
&+m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(21)}m_{201}^{(20)} + m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(22)}m_{300}^{(21)} - m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(22)}m_{210}^{(20)}\\
&-2m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(22)}m_{201}^{(10)} + 2m_{100}^{(10)}m_{010}^{(11)}m_{002}^{(22)}m_{111}^{(00)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{021}^{(22)}\\
&+4m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(21)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{003}^{(11)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{111}^{(22)}\\
&+2m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{102}^{(21)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{012}^{(20)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{003}^{(10)}\\
&+2m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{111}^{(21)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{102}^{(11)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{021}^{(20)}\\
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&+2m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(20)}m_{012}^{(11)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{120}^{(22)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(21)}\\
&+2m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{021}^{(20)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{012}^{(10)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{120}^{(21)}\\
&+2m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{111}^{(11)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{030}^{(20)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{021}^{(10)}\\
&+2m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(20)}m_{111}^{(22)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(20)}m_{102}^{(21)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(21)}m_{201}^{(22)}\\
&-2m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(21)}m_{102}^{(20)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(22)}m_{201}^{(21)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(22)}m_{111}^{(20)}\\
&+4m_{100}^{(10)}m_{010}^{(20)}m_{020}^{(22)}m_{102}^{(10)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{120}^{(22)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{102}^{(11)}\\
&-2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{210}^{(22)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{201}^{(21)} + 6m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(20)}\\
&-2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{102}^{(10)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{210}^{(21)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{201}^{(11)}\\
&+2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{120}^{(20)} - 6m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{111}^{(10)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{120}^{(21)}\\
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&+2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{111}^{(10)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(22)}m_{210}^{(11)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(22)}m_{120}^{(10)}\\
&+2m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(20)}m_{021}^{(22)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(21)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(22)}\\
&-2m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{012}^{(20)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{111}^{(21)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{021}^{(20)}\\
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&+2m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{012}^{(20)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{003}^{(10)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(21)}m_{201}^{(22)}\\
&+4m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(21)}m_{102}^{(20)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(21)}m_{003}^{(00)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{201}^{(21)}\\
&+2m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{111}^{(20)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{102}^{(10)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{012}^{(00)}\\
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&-2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{012}^{(10)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{210}^{(22)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{012}^{(00)}\\
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&+2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{021}^{(00)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(22)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(21)}\\
&-2m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{111}^{(20)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{102}^{(10)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{011}^{(21)}m_{300}^{(22)}\\
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&-4m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{210}^{(21)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{120}^{(20)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{111}^{(10)}\\
&+2m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{210}^{(20)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{111}^{(00)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(22)}m_{210}^{(10)}\\
&-2m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(22)}m_{120}^{(00)} - m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(20)}m_{030}^{(22)} + m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(21)}\\
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&+m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(22)}m_{030}^{(20)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{200}^{(22)}m_{021}^{(10)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{120}^{(22)}
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&+2m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{210}^{(22)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(20)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{102}^{(10)}\\
&+2m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{012}^{(00)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(22)}m_{210}^{(21)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(22)}m_{120}^{(20)}\\
&+4m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(22)}m_{111}^{(10)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{111}^{(11)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{021}^{(10)}\\
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&+m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(20)}m_{201}^{(21)} - m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(21)}m_{300}^{(22)} + m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(21)}m_{201}^{(20)}\\
&+m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(22)}m_{300}^{(21)} + m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(22)}m_{210}^{(20)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{020}^{(22)}m_{201}^{(10)}\\
&-2m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{201}^{(11)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{111}^{(10)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(21)}m_{201}^{(10)}\\
&-2m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(21)}m_{111}^{(00)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(20)}m_{210}^{(11)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(20)}m_{120}^{(10)}\\
&-2m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(21)}m_{210}^{(10)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{002}^{(21)}m_{120}^{(00)} - 2m_{100}^{(10)}m_{001}^{(00)}m_{110}^{(11)}m_{012}^{(22)}\\
&+2m_{100}^{(10)}m_{001}^{(00)}m_{110}^{(11)}m_{003}^{(21)} + 2m_{100}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(21)} - 2m_{100}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{003}^{(11)}\\
&+2m_{100}^{(10)}m_{001}^{(00)}m_{101}^{(11)}m_{021}^{(22)} - 2m_{100}^{(10)}m_{001}^{(00)}m_{101}^{(11)}m_{012}^{(21)} - 2m_{100}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(21)}\\
&+2m_{100}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{012}^{(11)} + m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(10)}m_{012}^{(22)} - m_{100}^{(10)}m_{001}^{(00)}m_{020}^{(10)}m_{003}^{(21)}\\
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&+2m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{102}^{(11)} + 2m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{021}^{(20)} - 4m_{100}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{012}^{(10)}\\
&+m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{030}^{(22)} - m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{021}^{(21)} - m_{100}^{(10)}m_{001}^{(00)}m_{002}^{(11)}m_{120}^{(22)}\\
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&-m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(11)}m_{003}^{(20)} - m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(21)} - m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{012}^{(20)}\\
&+2m_{100}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{003}^{(10)} - 2m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(22)} + 2m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(10)}m_{003}^{(20)}\\
&+2m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(21)}m_{102}^{(20)} - 2m_{100}^{(10)}m_{001}^{(11)}m_{110}^{(21)}m_{003}^{(00)} + 2m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(21)}\\
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&+2m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(21)} - 4m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{102}^{(10)} + 2m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{012}^{(00)}\\
&+2m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(22)} - 2m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(10)}m_{102}^{(20)} - 2m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(21)}m_{201}^{(20)}\\
&+2m_{100}^{(10)}m_{001}^{(11)}m_{011}^{(21)}m_{102}^{(00)} - m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{210}^{(22)} - m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{201}^{(21)}\\
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&-m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(21)}m_{300}^{(21)} + m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(21)}m_{210}^{(20)} + 2m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(21)}m_{201}^{(10)}\\
&-2m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(21)}m_{111}^{(00)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(22)} - 4m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(21)}\\
&+2m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{003}^{(11)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(22)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{102}^{(21)}\\
&+2m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{012}^{(20)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{003}^{(10)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(21)}\\
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&-2m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(22)} + 4m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(21)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{012}^{(11)}\\
&-2m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(22)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(21)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{021}^{(20)}\\
&+2m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{012}^{(10)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(21)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{111}^{(11)}\\
&+2m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{030}^{(20)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{021}^{(10)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(22)}
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&+2m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(21)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(22)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(11)}m_{102}^{(20)}\\
&+2m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(21)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(20)} - 4m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{102}^{(10)}\\
&+2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(22)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{102}^{(11)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(22)}\\
&+2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{201}^{(21)} - 6m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{111}^{(20)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{102}^{(10)}\\
&-2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(21)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{201}^{(11)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(20)}\\
&+6m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{111}^{(10)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{120}^{(21)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{111}^{(11)}\\
&-2m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(11)}m_{210}^{(21)} + 4m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(11)}m_{120}^{(20)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(11)}m_{111}^{(10)}\\
&+2m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(21)}m_{210}^{(11)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{002}^{(21)}m_{120}^{(10)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(22)}\\
&+2m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(21)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(22)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{012}^{(20)}\\
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&+2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(22)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(21)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{012}^{(20)}\\
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&+2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(11)}m_{003}^{(00)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(21)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(20)}\\
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&+2m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(11)}m_{111}^{(00)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(21)}m_{210}^{(10)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{002}^{(21)}m_{120}^{(00)}\\
&+m_{100}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(22)} - m_{100}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(21)} + m_{100}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(22)}\\
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&+2m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(21)} + 2m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{120}^{(20)} - 4m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{111}^{(10)}\\
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&+2m_{100}^{(10)}m_{001}^{(22)}m_{101}^{(11)}m_{021}^{(00)} + m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(22)} - m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(21)}\\
&+m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(22)} - m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(11)}m_{201}^{(20)} - m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(21)}\\
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&+m_{100}^{(11)}m_{010}^{(00)}m_{200}^{(22)}m_{012}^{(21)} - m_{100}^{(11)}m_{010}^{(00)}m_{200}^{(22)}m_{003}^{(11)} + 2m_{100}^{(11)}m_{010}^{(00)}m_{101}^{(21)}m_{111}^{(22)}\\
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&+m_{100}^{(11)}m_{010}^{(00)}m_{020}^{(20)}m_{102}^{(22)} - m_{100}^{(11)}m_{010}^{(00)}m_{020}^{(20)}m_{003}^{(20)} - m_{100}^{(11)}m_{010}^{(00)}m_{020}^{(22)}m_{102}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(00)}m_{020}^{(22)}m_{003}^{(00)} - 2m_{100}^{(11)}m_{010}^{(00)}m_{011}^{(20)}m_{111}^{(22)} + 2m_{100}^{(11)}m_{010}^{(00)}m_{011}^{(20)}m_{012}^{(20)}\\
&+2m_{100}^{(11)}m_{010}^{(00)}m_{011}^{(22)}m_{111}^{(20)} - 2m_{100}^{(11)}m_{010}^{(00)}m_{011}^{(22)}m_{012}^{(00)} + m_{100}^{(11)}m_{010}^{(00)}m_{002}^{(20)}m_{120}^{(22)}\\
&-m_{100}^{(11)}m_{010}^{(00)}m_{002}^{(20)}m_{021}^{(20)} - m_{100}^{(11)}m_{010}^{(00)}m_{002}^{(21)}m_{210}^{(22)} + m_{100}^{(11)}m_{010}^{(00)}m_{002}^{(21)}m_{201}^{(21)}\\
&+m_{100}^{(11)}m_{010}^{(00)}m_{002}^{(22)}m_{210}^{(21)} - m_{100}^{(11)}m_{010}^{(00)}m_{002}^{(22)}m_{201}^{(11)} - m_{100}^{(11)}m_{010}^{(00)}m_{002}^{(22)}m_{120}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(00)}m_{002}^{(22)}m_{021}^{(00)} + m_{100}^{(11)}m_{010}^{(10)}m_{200}^{(20)}m_{012}^{(22)} - m_{100}^{(11)}m_{010}^{(10)}m_{200}^{(20)}m_{003}^{(21)}\\
&+m_{100}^{(11)}m_{010}^{(10)}m_{200}^{(21)}m_{102}^{(22)} - m_{100}^{(11)}m_{010}^{(10)}m_{200}^{(21)}m_{003}^{(20)} - m_{100}^{(11)}m_{010}^{(10)}m_{200}^{(22)}m_{102}^{(21)}\\
&-m_{100}^{(11)}m_{010}^{(10)}m_{200}^{(22)}m_{012}^{(20)} + 2m_{100}^{(11)}m_{010}^{(10)}m_{200}^{(22)}m_{003}^{(10)} - 2m_{100}^{(11)}m_{010}^{(10)}m_{110}^{(20)}m_{102}^{(22)}\\
&+2m_{100}^{(11)}m_{010}^{(10)}m_{110}^{(20)}m_{003}^{(20)} + 2m_{100}^{(11)}m_{010}^{(10)}m_{110}^{(22)}m_{102}^{(20)} - 2m_{100}^{(11)}m_{010}^{(10)}m_{110}^{(22)}m_{003}^{(00)}\\
&+2m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(20)}m_{102}^{(21)} - 2m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(20)}m_{012}^{(20)} - 2m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(21)}m_{201}^{(22)}\\
&+2m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(21)}m_{102}^{(20)} + 2m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(22)}m_{201}^{(21)} - 4m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(22)}m_{102}^{(10)}\\
&+2m_{100}^{(11)}m_{010}^{(10)}m_{101}^{(22)}m_{012}^{(00)} + 2m_{100}^{(11)}m_{010}^{(10)}m_{011}^{(20)}m_{201}^{(22)} - 2m_{100}^{(11)}m_{010}^{(10)}m_{011}^{(20)}m_{102}^{(20)}\\
&-2m_{100}^{(11)}m_{010}^{(10)}m_{011}^{(22)}m_{201}^{(20)} + 2m_{100}^{(11)}m_{010}^{(10)}m_{011}^{(22)}m_{102}^{(00)} - m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(20)}m_{210}^{(22)}\\
&-m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(20)}m_{201}^{(21)} + 2m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(20)}m_{111}^{(20)} + m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(21)}m_{300}^{(22)}\\
&-m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(21)}m_{201}^{(20)} - m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(22)}m_{300}^{(21)} + m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(22)}m_{210}^{(20)}\\
&+2m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(22)}m_{201}^{(10)} - 2m_{100}^{(11)}m_{010}^{(10)}m_{002}^{(22)}m_{111}^{(00)} - m_{100}^{(11)}m_{010}^{(20)}m_{200}^{(20)}m_{012}^{(21)}\\
&+m_{100}^{(11)}m_{010}^{(20)}m_{200}^{(20)}m_{003}^{(11)} - m_{100}^{(11)}m_{010}^{(20)}m_{200}^{(21)}m_{102}^{(21)} + 2m_{100}^{(11)}m_{010}^{(20)}m_{200}^{(21)}m_{012}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(20)}m_{200}^{(21)}m_{003}^{(10)} + m_{100}^{(11)}m_{010}^{(20)}m_{200}^{(22)}m_{102}^{(11)} - m_{100}^{(11)}m_{010}^{(20)}m_{200}^{(22)}m_{012}^{(10)}\\
&+2m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(20)}m_{111}^{(22)} - 2m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(20)} - 2m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(22)}m_{111}^{(20)}\\
&+2m_{100}^{(11)}m_{010}^{(20)}m_{110}^{(22)}m_{012}^{(00)} - 2m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{120}^{(22)} + 2m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{111}^{(21)}\\
&-2m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{102}^{(11)} + 2m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{021}^{(20)} + 2m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(21)}m_{201}^{(21)}\\
&-4m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(20)} + 2m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(21)}m_{102}^{(10)} - 2m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(22)}m_{201}^{(11)}\\
&+2m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(22)}m_{120}^{(20)} + 2m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(22)}m_{111}^{(10)} - 2m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(22)}m_{021}^{(00)}\\
&-2m_{100}^{(11)}m_{010}^{(20)}m_{020}^{(20)}m_{201}^{(22)} + 2m_{100}^{(11)}m_{010}^{(20)}m_{020}^{(20)}m_{102}^{(20)} + 2m_{100}^{(11)}m_{010}^{(20)}m_{020}^{(22)}m_{201}^{(20)}\\
&-2m_{100}^{(11)}m_{010}^{(20)}m_{020}^{(22)}m_{102}^{(00)} + 2m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(20)}m_{210}^{(22)} - 2m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(20)}\\
&-2m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(22)}m_{210}^{(20)} + 2m_{100}^{(11)}m_{010}^{(20)}m_{011}^{(22)}m_{111}^{(00)} - m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(20)}m_{210}^{(21)}\\
&+m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(20)}m_{201}^{(11)} - m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(21)}m_{300}^{(21)} + 2m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(21)}m_{210}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(21)}m_{201}^{(10)} + m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(22)}m_{300}^{(11)} - m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(22)}m_{210}^{(10)}\\
&-2m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{111}^{(22)} + 2m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{102}^{(21)} + m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{003}^{(10)} - m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(21)}m_{102}^{(20)} + m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(21)}m_{003}^{(00)}\\
&+2m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{111}^{(20)} - m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{102}^{(10)} - m_{100}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{012}^{(00)}\\
&+2m_{100}^{(11)}m_{010}^{(21)}m_{110}^{(20)}m_{201}^{(22)} - 2m_{100}^{(11)}m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(20)} - 2m_{100}^{(11)}m_{010}^{(21)}m_{110}^{(22)}m_{201}^{(20)}\\
&+2m_{100}^{(11)}m_{010}^{(21)}m_{110}^{(22)}m_{102}^{(00)} + 2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{210}^{(22)} - 4m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{201}^{(21)}\\
&+2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{102}^{(10)} + 2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(21)}m_{201}^{(20)} - 2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(21)}m_{102}^{(00)}\\
&-2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(22)}m_{210}^{(20)} + 2m_{100}^{(11)}m_{010}^{(21)}m_{101}^{(22)}m_{201}^{(10)} - 2m_{100}^{(11)}m_{010}^{(21)}m_{011}^{(20)}m_{300}^{(22)}\\
&+2m_{100}^{(11)}m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(20)} + 2m_{100}^{(11)}m_{010}^{(21)}m_{011}^{(22)}m_{300}^{(20)} - 2m_{100}^{(11)}m_{010}^{(21)}m_{011}^{(22)}m_{201}^{(00)}\\
&+2m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(20)}m_{300}^{(21)} - m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(20)}m_{210}^{(20)} - m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(20)}m_{201}^{(10)}\\
&-m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(21)}m_{300}^{(20)} + m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(21)}m_{201}^{(00)} - m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(22)}m_{300}^{(10)}
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&+m_{100}^{(11)}m_{010}^{(21)}m_{002}^{(22)}m_{210}^{(00)} + m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(20)}m_{120}^{(22)} - m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(20)}m_{102}^{(11)}\\
&-m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(20)} + m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(20)}m_{012}^{(10)} + m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(21)}m_{102}^{(10)}\\
&-m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(21)}m_{012}^{(00)} - m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(22)}m_{120}^{(20)} + m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(22)}m_{021}^{(00)}\\
&-2m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(20)}m_{210}^{(22)} + 2m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(20)} + 2m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(22)}m_{210}^{(20)}\\
&-2m_{100}^{(11)}m_{010}^{(22)}m_{110}^{(22)}m_{111}^{(00)} + 2m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(20)}m_{201}^{(11)} - 2m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(20)}m_{111}^{(10)}\\
&-2m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(21)}m_{201}^{(10)} + 2m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(21)}m_{111}^{(00)} + m_{100}^{(11)}m_{010}^{(22)}m_{020}^{(20)}m_{300}^{(22)}\\
&-m_{100}^{(11)}m_{010}^{(22)}m_{020}^{(20)}m_{201}^{(20)} - m_{100}^{(11)}m_{010}^{(22)}m_{020}^{(22)}m_{300}^{(20)} + m_{100}^{(11)}m_{010}^{(22)}m_{020}^{(22)}m_{201}^{(00)}\\
&-m_{100}^{(11)}m_{010}^{(22)}m_{002}^{(20)}m_{300}^{(11)} + m_{100}^{(11)}m_{010}^{(22)}m_{002}^{(20)}m_{210}^{(10)} + m_{100}^{(11)}m_{010}^{(22)}m_{002}^{(21)}m_{300}^{(10)}\\
&-m_{100}^{(11)}m_{010}^{(22)}m_{002}^{(21)}m_{210}^{(00)} + m_{100}^{(11)}m_{001}^{(00)}m_{200}^{(11)}m_{012}^{(22)} - m_{100}^{(11)}m_{001}^{(00)}m_{200}^{(11)}m_{003}^{(21)}\\
&-m_{100}^{(11)}m_{001}^{(00)}m_{200}^{(21)}m_{012}^{(21)} + m_{100}^{(11)}m_{001}^{(00)}m_{200}^{(21)}m_{003}^{(11)} - 2m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(11)}m_{111}^{(22)}\\
&+2m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(11)}m_{102}^{(21)} + 2m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(21)}m_{111}^{(21)} - 2m_{100}^{(11)}m_{001}^{(00)}m_{101}^{(21)}m_{102}^{(11)}\\
&-m_{100}^{(11)}m_{001}^{(00)}m_{020}^{(10)}m_{102}^{(22)} + m_{100}^{(11)}m_{001}^{(00)}m_{020}^{(10)}m_{003}^{(20)} + m_{100}^{(11)}m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(00)}m_{020}^{(21)}m_{003}^{(00)} + 2m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(22)} - 2m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(20)}\\
&-2m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(20)} + 2m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(21)}m_{012}^{(00)} - m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(10)}m_{120}^{(22)}\\
&+m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(10)}m_{021}^{(20)} + m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(11)}m_{210}^{(22)} - m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(11)}m_{201}^{(21)}\\
&-m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(21)}m_{210}^{(21)} + m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(21)}m_{201}^{(11)} + m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(21)}m_{120}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(21)}m_{021}^{(00)} - m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(10)}m_{012}^{(22)} + m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(10)}m_{003}^{(21)}\\
&-m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(11)}m_{102}^{(22)} + m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(11)}m_{003}^{(20)} + m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(21)}m_{102}^{(21)}\\
&+m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(20)} - 2m_{100}^{(11)}m_{001}^{(10)}m_{200}^{(21)}m_{003}^{(10)} + 2m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(22)}\\
&-2m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(10)}m_{003}^{(20)} - 2m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(20)} + 2m_{100}^{(11)}m_{001}^{(10)}m_{110}^{(21)}m_{003}^{(00)}\\
&-2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{102}^{(21)} + 2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(20)} + 2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(11)}m_{102}^{(22)}\\
&-2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(11)}m_{102}^{(20)} - 2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{201}^{(21)} + 4m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{102}^{(10)}\\
&-2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{012}^{(00)} - 2m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(22)} + 2m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(20)}\\
&+2m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(20)} - 2m_{100}^{(11)}m_{001}^{(10)}m_{011}^{(21)}m_{102}^{(00)} + m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{210}^{(22)}\\
&+m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{201}^{(21)} - 2m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(20)} - m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(11)}m_{300}^{(22)}\\
&+m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(11)}m_{201}^{(20)} + m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(21)}m_{300}^{(21)} - m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(21)}m_{210}^{(20)}\\
&-2m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(21)}m_{201}^{(10)} + 2m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(21)}m_{111}^{(00)} + m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{012}^{(21)}\\
&-m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{003}^{(11)} + m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(11)}m_{102}^{(21)} - 2m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(11)}m_{012}^{(20)}\\
&+m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(11)}m_{003}^{(10)} - m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{102}^{(11)} + m_{100}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{012}^{(10)}\\
&-2m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(22)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(20)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(20)}\\
&-2m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{012}^{(00)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(22)} - 2m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(21)}\\
&+2m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{102}^{(11)} - 2m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(20)} - 2m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{201}^{(21)}\\
&+4m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(20)} - 2m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{102}^{(10)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{201}^{(11)}\\
&-2m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(20)} - 2m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{111}^{(10)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{021}^{(00)}\\
&+2m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(22)} - 2m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(20)} - 2m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(20)}\\
&+2m_{100}^{(11)}m_{001}^{(20)}m_{020}^{(21)}m_{102}^{(00)} - 2m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(22)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(20)}\\
&+2m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(20)} - 2m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{111}^{(00)} + m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(10)}m_{210}^{(21)}\\
&-m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(10)}m_{201}^{(11)} + m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(11)}m_{300}^{(21)} - 2m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(11)}m_{210}^{(20)}
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&+m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(11)}m_{201}^{(10)} - m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(21)}m_{300}^{(11)} + m_{100}^{(11)}m_{001}^{(20)}m_{002}^{(21)}m_{210}^{(10)}\\
&+2m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(22)} - 2m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{102}^{(21)} - m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(20)}\\
&+m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{003}^{(10)} + m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(11)}m_{102}^{(20)} - m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(11)}m_{003}^{(00)}\\
&-2m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(20)} + m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{102}^{(10)} + m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{012}^{(00)}\\
&-2m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(22)} + 2m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(20)} + 2m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(20)}\\
&-2m_{100}^{(11)}m_{001}^{(21)}m_{110}^{(21)}m_{102}^{(00)} - 2m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(22)} + 4m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{201}^{(21)}\\
&-2m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{102}^{(10)} - 2m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(20)} + 2m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(11)}m_{102}^{(00)}\\
&+2m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(20)} - 2m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{201}^{(10)} + 2m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(22)}\\
&-2m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(20)} - 2m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(20)} + 2m_{100}^{(11)}m_{001}^{(21)}m_{011}^{(21)}m_{201}^{(00)}\\
&-2m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(10)}m_{300}^{(21)} + m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(10)}m_{210}^{(20)} + m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(10)}m_{201}^{(10)}\\
&+m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(11)}m_{300}^{(20)} - m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(11)}m_{201}^{(00)} + m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(21)}m_{300}^{(10)}\\
&-m_{100}^{(11)}m_{001}^{(21)}m_{002}^{(21)}m_{210}^{(00)} - m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(22)} + m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{102}^{(11)}\\
&+m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(20)} - m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{012}^{(10)} - m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(11)}m_{102}^{(10)}\\
&+m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(11)}m_{012}^{(00)} + m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(20)} - m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(21)}m_{021}^{(00)}\\
&+2m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(22)} - 2m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(20)} - 2m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(20)}\\
&+2m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(21)}m_{111}^{(00)} - 2m_{100}^{(11)}m_{001}^{(22)}m_{101}^{(10)}m_{201}^{(11)} + 2m_{100}^{(11)}m_{001}^{(22)}m_{101}^{(10)}m_{111}^{(10)}\\
&+2m_{100}^{(11)}m_{001}^{(22)}m_{101}^{(11)}m_{201}^{(10)} - 2m_{100}^{(11)}m_{001}^{(22)}m_{101}^{(11)}m_{111}^{(00)} - m_{100}^{(11)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(22)}\\
&+m_{100}^{(11)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(20)} + m_{100}^{(11)}m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(20)} - m_{100}^{(11)}m_{001}^{(22)}m_{020}^{(21)}m_{201}^{(00)}\\
&+m_{100}^{(11)}m_{001}^{(22)}m_{002}^{(10)}m_{300}^{(11)} - m_{100}^{(11)}m_{001}^{(22)}m_{002}^{(10)}m_{210}^{(10)} - m_{100}^{(11)}m_{001}^{(22)}m_{002}^{(11)}m_{300}^{(10)}\\
&+m_{100}^{(11)}m_{001}^{(22)}m_{002}^{(11)}m_{210}^{(00)} - 2m_{100}^{(20)}m_{010}^{(00)}m_{110}^{(21)}m_{021}^{(22)} + 2m_{100}^{(20)}m_{010}^{(00)}m_{110}^{(21)}m_{012}^{(21)}\\
&+2m_{100}^{(20)}m_{010}^{(00)}m_{110}^{(22)}m_{021}^{(21)} - 2m_{100}^{(20)}m_{010}^{(00)}m_{110}^{(22)}m_{012}^{(11)} + 2m_{100}^{(20)}m_{010}^{(00)}m_{101}^{(21)}m_{030}^{(22)}\\
&-2m_{100}^{(20)}m_{010}^{(00)}m_{101}^{(21)}m_{021}^{(21)} - 2m_{100}^{(20)}m_{010}^{(00)}m_{101}^{(22)}m_{030}^{(21)} + 2m_{100}^{(20)}m_{010}^{(00)}m_{101}^{(22)}m_{021}^{(11)}\\
&+m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(20)}m_{012}^{(21)} - m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(20)}m_{003}^{(11)} + 2m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(21)}m_{111}^{(22)}\\
&-m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(21)}m_{102}^{(21)} - 2m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(21)}m_{012}^{(20)} + m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(21)}m_{003}^{(10)}\\
&-2m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(22)}m_{111}^{(21)} + m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(22)}m_{102}^{(11)} + m_{100}^{(20)}m_{010}^{(00)}m_{020}^{(22)}m_{012}^{(10)}\\
&-2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(20)}m_{021}^{(21)} + 2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(20)}m_{012}^{(11)} - 2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{120}^{(22)}\\
&+4m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{021}^{(20)} - 2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{012}^{(10)} + 2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(22)}m_{120}^{(21)}\\
&-2m_{100}^{(20)}m_{010}^{(00)}m_{011}^{(22)}m_{021}^{(10)} + m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(20)}m_{030}^{(21)} - m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(20)}m_{021}^{(11)}\\
&+m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(21)}m_{120}^{(21)} - 2m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(21)}m_{030}^{(20)} + m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(21)}m_{021}^{(10)}\\
&-m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(22)}m_{120}^{(11)} + m_{100}^{(20)}m_{010}^{(00)}m_{002}^{(22)}m_{030}^{(10)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(20)}m_{021}^{(22)}\\
&-4m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(20)}m_{012}^{(21)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(20)}m_{003}^{(11)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{111}^{(22)}\\
&-2m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{102}^{(21)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{012}^{(20)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{003}^{(10)}\\
&-2m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{111}^{(21)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{102}^{(11)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{021}^{(20)}\\
&+2m_{100}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{012}^{(10)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(20)}m_{030}^{(22)} + 4m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(20)}m_{021}^{(21)}\\
&-2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(20)}m_{012}^{(11)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{120}^{(22)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(21)}\\
&-2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{021}^{(20)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{012}^{(10)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(22)}m_{120}^{(21)}\\
&-2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(22)}m_{111}^{(11)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(22)}m_{030}^{(20)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{101}^{(22)}m_{021}^{(10)}\\
&-2m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(20)}m_{111}^{(22)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(20)}m_{102}^{(21)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(21)}m_{201}^{(22)}
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&+2m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(21)}m_{102}^{(20)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(22)}m_{201}^{(21)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(22)}m_{111}^{(20)}\\
&-4m_{100}^{(20)}m_{010}^{(10)}m_{020}^{(22)}m_{102}^{(10)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{120}^{(22)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{102}^{(11)}\\
&+2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{210}^{(22)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{201}^{(21)} - 6m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{111}^{(20)}\\
&+2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{102}^{(10)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(22)}m_{210}^{(21)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(22)}m_{201}^{(11)}\\
&-2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(22)}m_{120}^{(20)} + 6m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(22)}m_{111}^{(10)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(20)}m_{120}^{(21)}\\
&+2m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(20)}m_{111}^{(11)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(21)}m_{210}^{(21)} + 4m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(21)}m_{120}^{(20)}\\
&-2m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(21)}m_{111}^{(10)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(22)}m_{210}^{(11)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(22)}m_{120}^{(10)}\\
&+m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(20)}m_{012}^{(21)} - m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(20)}m_{003}^{(11)} + m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(21)}m_{102}^{(21)}\\
&-2m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(21)}m_{012}^{(20)} + m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(21)}m_{003}^{(10)} - m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(22)}m_{102}^{(11)}\\
&+m_{100}^{(20)}m_{010}^{(11)}m_{200}^{(22)}m_{012}^{(10)} - 2m_{100}^{(20)}m_{010}^{(11)}m_{110}^{(20)}m_{111}^{(22)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{110}^{(20)}m_{012}^{(20)}\\
&+2m_{100}^{(20)}m_{010}^{(11)}m_{110}^{(22)}m_{111}^{(20)} - 2m_{100}^{(20)}m_{010}^{(11)}m_{110}^{(22)}m_{012}^{(00)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(20)}m_{120}^{(22)}\\
&-2m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(20)}m_{111}^{(21)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(20)}m_{102}^{(11)} - 2m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(20)}m_{021}^{(20)}\\
&-2m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(21)}m_{201}^{(21)} + 4m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(21)}m_{111}^{(20)} - 2m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(21)}m_{102}^{(10)}\\
&+2m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(22)}m_{201}^{(11)} - 2m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(22)}m_{120}^{(20)} - 2m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(22)}m_{111}^{(10)}\\
&+2m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(22)}m_{021}^{(00)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{020}^{(20)}m_{201}^{(22)} - 2m_{100}^{(20)}m_{010}^{(11)}m_{020}^{(20)}m_{102}^{(20)}\\
&-2m_{100}^{(20)}m_{010}^{(11)}m_{020}^{(22)}m_{201}^{(20)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{020}^{(22)}m_{102}^{(00)} - 2m_{100}^{(20)}m_{010}^{(11)}m_{011}^{(20)}m_{210}^{(22)}\\
&+2m_{100}^{(20)}m_{010}^{(11)}m_{011}^{(20)}m_{111}^{(20)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{011}^{(22)}m_{210}^{(20)} - 2m_{100}^{(20)}m_{010}^{(11)}m_{011}^{(22)}m_{111}^{(00)}\\
&+m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(20)}m_{210}^{(21)} - m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(20)}m_{201}^{(11)} + m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(21)}m_{300}^{(21)}\\
&-2m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(21)}m_{210}^{(20)} + m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(21)}m_{201}^{(10)} - m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(22)}m_{300}^{(11)}\\
&+m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(22)}m_{210}^{(10)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(20)}m_{021}^{(21)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(20)}m_{012}^{(11)}\\
&-2m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(21)} + 4m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{021}^{(20)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{012}^{(10)}\\
&+2m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(22)}m_{111}^{(11)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{200}^{(22)}m_{021}^{(10)} + 6m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{111}^{(21)}\\
&-2m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{102}^{(11)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{021}^{(20)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{012}^{(10)}\\
&+2m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{201}^{(21)} - 6m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{111}^{(20)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{102}^{(10)}\\
&+2m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{012}^{(00)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(22)}m_{201}^{(11)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{110}^{(22)}m_{021}^{(00)}\\
&-2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(21)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(11)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{030}^{(20)}\\
&+2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{021}^{(10)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{210}^{(21)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{120}^{(20)}\\
&+2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(10)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{021}^{(00)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(22)}m_{210}^{(11)}\\
&+4m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(22)}m_{120}^{(10)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(22)}m_{030}^{(00)} - 4m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(20)}m_{201}^{(21)}\\
&+2m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(20)}m_{111}^{(20)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(20)}m_{102}^{(10)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(21)}m_{201}^{(20)}\\
&-2m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(21)}m_{102}^{(00)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(22)}m_{201}^{(10)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{020}^{(22)}m_{111}^{(00)}\\
&+2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(21)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{201}^{(11)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{120}^{(20)}\\
&-2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{111}^{(10)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{300}^{(21)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{210}^{(20)}\\
&-2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(10)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{111}^{(00)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(22)}m_{300}^{(11)}\\
&-4m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(22)}m_{210}^{(10)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(22)}m_{120}^{(00)} + m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(20)}m_{030}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(11)} + m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{120}^{(21)} - 2m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{030}^{(20)}\\
&+m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{021}^{(10)} - m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(22)}m_{120}^{(11)} + m_{100}^{(20)}m_{010}^{(22)}m_{200}^{(22)}m_{030}^{(10)}\\
&-2m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{120}^{(21)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{021}^{(10)} - 2m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{210}^{(21)}
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&+4m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{120}^{(20)} - 2m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{021}^{(00)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(22)}m_{210}^{(11)}\\
&-2m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(22)}m_{120}^{(10)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(11)} - 2m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(20)}m_{030}^{(10)}\\
&-2m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(21)}m_{120}^{(10)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{101}^{(21)}m_{030}^{(00)} + m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(20)}m_{210}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(20)}m_{201}^{(11)} - 2m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(20)}m_{111}^{(10)} + m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(21)}m_{300}^{(21)}\\
&-2m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(21)}m_{210}^{(20)} - m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(21)}m_{201}^{(10)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(21)}m_{111}^{(00)}\\
&-m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(22)}m_{300}^{(11)} + m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(22)}m_{210}^{(10)} - 2m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(11)}\\
&+2m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(20)}m_{120}^{(10)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(21)}m_{210}^{(10)} - 2m_{100}^{(20)}m_{010}^{(22)}m_{011}^{(21)}m_{120}^{(00)}\\
&+2m_{100}^{(20)}m_{001}^{(00)}m_{110}^{(11)}m_{021}^{(22)} - 2m_{100}^{(20)}m_{001}^{(00)}m_{110}^{(11)}m_{012}^{(21)} - 2m_{100}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{021}^{(21)}\\
&+2m_{100}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(11)} - 2m_{100}^{(20)}m_{001}^{(00)}m_{101}^{(11)}m_{030}^{(22)} + 2m_{100}^{(20)}m_{001}^{(00)}m_{101}^{(11)}m_{021}^{(21)}\\
&+2m_{100}^{(20)}m_{001}^{(00)}m_{101}^{(21)}m_{030}^{(21)} - 2m_{100}^{(20)}m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(11)} - m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(10)}m_{012}^{(21)}\\
&+m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(10)}m_{003}^{(11)} - 2m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(11)}m_{111}^{(22)} + m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(11)}m_{102}^{(21)}\\
&+2m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(11)}m_{012}^{(20)} - m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(11)}m_{003}^{(10)} + 2m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{111}^{(21)}\\
&-m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(11)} - m_{100}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{012}^{(10)} + 2m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{021}^{(21)}\\
&-2m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(11)} + 2m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{120}^{(22)} - 4m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{021}^{(20)}\\
&+2m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{012}^{(10)} - 2m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{120}^{(21)} + 2m_{100}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{021}^{(10)}\\
&-m_{100}^{(20)}m_{001}^{(00)}m_{002}^{(10)}m_{030}^{(21)} + m_{100}^{(20)}m_{001}^{(00)}m_{002}^{(10)}m_{021}^{(11)} - m_{100}^{(20)}m_{001}^{(00)}m_{002}^{(11)}m_{120}^{(21)}\\
&+2m_{100}^{(20)}m_{001}^{(00)}m_{002}^{(11)}m_{030}^{(20)} - m_{100}^{(20)}m_{001}^{(00)}m_{002}^{(11)}m_{021}^{(10)} + m_{100}^{(20)}m_{001}^{(00)}m_{002}^{(21)}m_{120}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(00)}m_{002}^{(21)}m_{030}^{(10)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{021}^{(22)} + 4m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(21)}\\
&-2m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{003}^{(11)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(11)}m_{111}^{(22)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(11)}m_{102}^{(21)}\\
&-2m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(11)}m_{012}^{(20)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(11)}m_{003}^{(10)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(21)}\\
&-2m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(11)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{021}^{(20)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(10)}\\
&+2m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{030}^{(22)} - 4m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(21)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(11)}\\
&+2m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{120}^{(22)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(21)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{021}^{(20)}\\
&-2m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{012}^{(10)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(21)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(11)}\\
&-2m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{030}^{(20)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(10)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{111}^{(22)}\\
&-2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(21)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(11)}m_{201}^{(22)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(11)}m_{102}^{(20)}\\
&-2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{201}^{(21)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{111}^{(20)} + 4m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{102}^{(10)}\\
&-2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{120}^{(22)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(21)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{210}^{(22)}\\
&-2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{201}^{(21)} + 6m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{111}^{(20)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{102}^{(10)}\\
&+2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{210}^{(21)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(11)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{120}^{(20)}\\
&-6m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(10)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{120}^{(21)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(11)}\\
&+2m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(11)}m_{210}^{(21)} - 4m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(11)}m_{120}^{(20)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(11)}m_{111}^{(10)}\\
&-2m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(21)}m_{210}^{(11)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{002}^{(21)}m_{120}^{(10)} - m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(21)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(10)}m_{003}^{(11)} - m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(11)}m_{102}^{(21)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{200}^{(11)}m_{012}^{(20)}\\
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&+2m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(10)}m_{111}^{(22)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(10)}m_{012}^{(20)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{111}^{(20)}\\
&+2m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{012}^{(00)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{120}^{(22)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(21)}\\
&-2m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(11)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{021}^{(20)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(11)}m_{201}^{(21)}
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&-4m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(11)}m_{111}^{(20)}+2m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(11)}m_{102}^{(10)}-2m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(11)}\\
&+2m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{120}^{(20)}+2m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(10)}-2m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{021}^{(00)}\\
&-2m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(10)}m_{201}^{(22)}+2m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(10)}m_{102}^{(20)}+2m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(21)}m_{201}^{(20)}\\
&-2m_{100}^{(20)}m_{001}^{(11)}m_{020}^{(21)}m_{102}^{(00)}+2m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{210}^{(22)}-2m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{111}^{(20)}\\
&-2m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(21)}m_{210}^{(20)}+2m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(21)}m_{111}^{(00)}-m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(10)}m_{210}^{(21)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(10)}m_{201}^{(11)}-m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(11)}m_{300}^{(21)}+2m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(11)}m_{210}^{(20)}\\
&-m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(11)}m_{201}^{(10)}+m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(21)}m_{300}^{(11)}-m_{100}^{(20)}m_{001}^{(11)}m_{002}^{(21)}m_{210}^{(10)}\\
&+2m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(21)}-2m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(11)}+2m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(21)}\\
&-4m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{021}^{(20)}+2m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{012}^{(10)}-2m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(11)}\\
&+2m_{100}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(10)}-6m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(21)}+2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(11)}\\
&+2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{021}^{(20)}+2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{012}^{(10)}-2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(21)}\\
&+6m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{111}^{(20)}-2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{102}^{(10)}-2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{012}^{(00)}\\
&+2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(11)}-2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{021}^{(00)}+2m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(21)}\\
&+2m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(11)}-2m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{030}^{(20)}-2m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(10)}\\
&-2m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(21)}+2m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{120}^{(20)}-2m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{111}^{(10)}\\
&+2m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{021}^{(00)}+2m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(11)}-4m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(21)}m_{120}^{(10)}\\
&+2m_{100}^{(20)}m_{001}^{(21)}m_{101}^{(21)}m_{030}^{(00)}+4m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(21)}-2m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{111}^{(20)}\\
&-2m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{102}^{(10)}-2m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(11)}m_{201}^{(20)}+2m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(11)}m_{102}^{(00)}\\
&-2m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{201}^{(10)}+2m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{111}^{(00)}-2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(21)}\\
&-2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(11)}+2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{120}^{(20)}+2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(21)}\\
&+2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{300}^{(21)}-2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{210}^{(20)}+2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{201}^{(10)}\\
&-2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{111}^{(00)}-2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(11)}+4m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(10)}\\
&-2m_{100}^{(20)}m_{001}^{(21)}m_{011}^{(21)}m_{120}^{(00)}-m_{100}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(21)}+m_{100}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(21)}+2m_{100}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{030}^{(20)}-m_{100}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{021}^{(10)}\\
&+m_{100}^{(20)}m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(11)}-m_{100}^{(20)}m_{001}^{(22)}m_{200}^{(21)}m_{030}^{(10)}+2m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(21)}\\
&-2m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{021}^{(10)}+2m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(21)}-4m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{120}^{(20)}\\
&+2m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{021}^{(00)}-2m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(11)}+2m_{100}^{(20)}m_{001}^{(22)}m_{110}^{(21)}m_{120}^{(10)}\\
&-2m_{100}^{(20)}m_{001}^{(22)}m_{101}^{(10)}m_{120}^{(11)}+2m_{100}^{(20)}m_{001}^{(22)}m_{101}^{(10)}m_{030}^{(10)}+2m_{100}^{(20)}m_{001}^{(22)}m_{101}^{(11)}m_{120}^{(10)}\\
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&+2m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{111}^{(10)}-m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(21)}+2m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(11)}m_{210}^{(20)}\\
&+m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(11)}m_{201}^{(10)}-2m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(11)}m_{111}^{(00)}+m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(11)}\\
&-m_{100}^{(20)}m_{001}^{(22)}m_{020}^{(21)}m_{210}^{(10)}+2m_{100}^{(20)}m_{001}^{(22)}m_{011}^{(10)}m_{210}^{(11)}-2m_{100}^{(20)}m_{001}^{(22)}m_{011}^{(10)}m_{120}^{(10)}\\
&-2m_{100}^{(20)}m_{001}^{(22)}m_{011}^{(11)}m_{210}^{(10)}+2m_{100}^{(20)}m_{001}^{(22)}m_{011}^{(11)}m_{120}^{(00)}+2m_{100}^{(21)}m_{010}^{(00)}m_{200}^{(21)}m_{021}^{(22)}\\
&-2m_{100}^{(21)}m_{010}^{(00)}m_{200}^{(21)}m_{012}^{(21)}-2m_{100}^{(21)}m_{010}^{(00)}m_{200}^{(22)}m_{021}^{(21)}+2m_{100}^{(21)}m_{010}^{(00)}m_{200}^{(22)}m_{012}^{(11)}\\
&-2m_{100}^{(21)}m_{010}^{(00)}m_{110}^{(21)}m_{111}^{(22)}+2m_{100}^{(21)}m_{010}^{(00)}m_{110}^{(21)}m_{102}^{(21)}+2m_{100}^{(21)}m_{010}^{(00)}m_{110}^{(22)}m_{111}^{(21)}\\
&-2m_{100}^{(21)}m_{010}^{(00)}m_{110}^{(22)}m_{102}^{(11)}-2m_{100}^{(21)}m_{010}^{(00)}m_{101}^{(21)}m_{120}^{(22)}+2m_{100}^{(21)}m_{010}^{(00)}m_{101}^{(21)}m_{111}^{(21)}\\
&+2m_{100}^{(21)}m_{010}^{(00)}m_{101}^{(22)}m_{120}^{(21)}-2m_{100}^{(21)}m_{010}^{(00)}m_{101}^{(22)}m_{111}^{(11)}-2m_{100}^{(21)}m_{010}^{(00)}m_{020}^{(20)}m_{102}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(00)}m_{020}^{(20)}m_{012}^{(20)}+m_{100}^{(21)}m_{010}^{(00)}m_{020}^{(20)}m_{003}^{(10)}+m_{100}^{(21)}m_{010}^{(00)}m_{020}^{(21)}m_{102}^{(20)}
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&-m_{100}^{(21)}m_{010}^{(00)}m_{020}^{(21)}m_{003}^{(00)} + m_{100}^{(21)}m_{010}^{(00)}m_{020}^{(22)}m_{102}^{(10)} - m_{100}^{(21)}m_{010}^{(00)}m_{020}^{(22)}m_{012}^{(00)}\\
&+4m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(20)}m_{111}^{(21)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(20)}m_{021}^{(20)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(20)}m_{012}^{(10)}\\
&+2m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(21)}m_{210}^{(22)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(21)}m_{201}^{(21)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(21)}m_{111}^{(20)}\\
&+2m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(21)}m_{012}^{(00)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(22)}m_{210}^{(21)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(22)}m_{201}^{(11)}\\
&-2m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(22)}m_{111}^{(10)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(22)}m_{021}^{(00)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(20)}m_{120}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(20)}m_{030}^{(20)} + m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(20)}m_{021}^{(10)} + m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(21)}m_{120}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(21)}m_{021}^{(00)} + m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(22)}m_{120}^{(10)} - m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(22)}m_{030}^{(00)}\\
&-2m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(20)}m_{021}^{(22)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(20)}m_{012}^{(21)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(21)}m_{111}^{(22)}\\
&+2m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(21)}m_{012}^{(20)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(22)}m_{111}^{(21)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(22)}m_{021}^{(20)}\\
&-4m_{100}^{(21)}m_{010}^{(10)}m_{200}^{(22)}m_{012}^{(10)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{111}^{(22)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{102}^{(21)}\\
&-2m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{012}^{(20)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{003}^{(10)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(21)}m_{201}^{(22)}\\
&-4m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(21)}m_{102}^{(20)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(21)}m_{003}^{(00)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(22)}m_{201}^{(21)}\\
&-2m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(22)}m_{111}^{(20)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(22)}m_{102}^{(10)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{110}^{(22)}m_{012}^{(00)}\\
&+2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{120}^{(22)} - 6m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{111}^{(21)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{021}^{(20)}\\
&+2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{012}^{(10)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{210}^{(22)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{012}^{(00)}\\
&-2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(22)}m_{210}^{(21)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(22)}m_{120}^{(20)} + 6m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(22)}m_{111}^{(10)}\\
&-2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(22)}m_{021}^{(00)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{210}^{(22)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{201}^{(21)}\\
&+2m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{111}^{(20)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{102}^{(10)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(21)}m_{300}^{(22)}\\
&+4m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(21)}m_{201}^{(20)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(21)}m_{102}^{(00)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(22)}m_{300}^{(21)}\\
&+2m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(22)}m_{210}^{(20)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(22)}m_{201}^{(10)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{011}^{(22)}m_{111}^{(00)}\\
&+4m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(20)}m_{210}^{(21)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(20)}m_{120}^{(20)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(20)}m_{111}^{(10)}\\
&-2m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(21)}m_{210}^{(20)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(21)}m_{111}^{(00)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(22)}m_{210}^{(10)}\\
&+2m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(22)}m_{120}^{(00)} + 2m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(20)}m_{111}^{(22)} - 2m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(20)}m_{102}^{(21)}\\
&-m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(20)}m_{012}^{(20)} + m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(20)}m_{003}^{(10)} + m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(21)}m_{102}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(21)}m_{003}^{(00)} - 2m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(22)}m_{111}^{(20)} + m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(22)}m_{102}^{(10)}\\
&+m_{100}^{(21)}m_{010}^{(11)}m_{200}^{(22)}m_{012}^{(00)} - 2m_{100}^{(21)}m_{010}^{(11)}m_{110}^{(20)}m_{201}^{(22)} + 2m_{100}^{(21)}m_{010}^{(11)}m_{110}^{(20)}m_{102}^{(20)}\\
&+2m_{100}^{(21)}m_{010}^{(11)}m_{110}^{(22)}m_{201}^{(20)} - 2m_{100}^{(21)}m_{010}^{(11)}m_{110}^{(22)}m_{102}^{(00)} - 2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{210}^{(22)}\\
&+4m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{201}^{(21)} - 2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{102}^{(10)} - 2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(21)}m_{201}^{(20)}\\
&+2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(21)}m_{102}^{(00)} + 2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(22)}m_{210}^{(20)} - 2m_{100}^{(21)}m_{010}^{(11)}m_{101}^{(22)}m_{201}^{(10)}\\
&+2m_{100}^{(21)}m_{010}^{(11)}m_{011}^{(20)}m_{300}^{(22)} - 2m_{100}^{(21)}m_{010}^{(11)}m_{011}^{(20)}m_{201}^{(20)} - 2m_{100}^{(21)}m_{010}^{(11)}m_{011}^{(22)}m_{300}^{(20)}\\
&+2m_{100}^{(21)}m_{010}^{(11)}m_{011}^{(22)}m_{201}^{(00)} - 2m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(20)}m_{300}^{(21)} + m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(20)}m_{210}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(20)}m_{201}^{(10)} + m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(21)}m_{300}^{(20)} - m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(21)}m_{201}^{(00)}\\
&+m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(22)}m_{300}^{(10)} - m_{100}^{(21)}m_{010}^{(11)}m_{002}^{(22)}m_{210}^{(00)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(20)}m_{021}^{(21)}\\
&-2m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(20)}m_{012}^{(11)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{111}^{(21)} - 4m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{021}^{(20)}\\
&+2m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{012}^{(10)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(22)}m_{111}^{(11)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{200}^{(22)}m_{021}^{(10)}\\
&-6m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{111}^{(21)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{102}^{(11)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{021}^{(20)}\\
&+2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{012}^{(10)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{201}^{(21)} + 6m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{111}^{(20)}\\
&-2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{102}^{(10)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{012}^{(00)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(22)}m_{201}^{(11)}
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&-2m_{100}^{(21)}m_{010}^{(20)}m_{110}^{(22)}m_{021}^{(00)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{120}^{(21)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{111}^{(11)}\\
&-2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{030}^{(20)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{021}^{(10)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{210}^{(21)}\\
&+2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{120}^{(20)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(10)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{021}^{(00)}\\
&+2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(22)}m_{210}^{(11)} - 4m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(22)}m_{120}^{(10)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(22)}m_{030}^{(00)}\\
&+4m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(20)}m_{201}^{(21)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(20)}m_{111}^{(20)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(20)}m_{102}^{(10)}\\
&-2m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(21)}m_{201}^{(20)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(21)}m_{102}^{(00)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(22)}m_{201}^{(10)}\\
&+2m_{100}^{(21)}m_{010}^{(20)}m_{020}^{(22)}m_{111}^{(00)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{210}^{(21)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{201}^{(11)}\\
&+2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{120}^{(20)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(10)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(21)}m_{300}^{(21)}\\
&-2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(21)}m_{210}^{(20)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(21)}m_{201}^{(10)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(00)}\\
&-2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(22)}m_{300}^{(11)} + 4m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(22)}m_{210}^{(10)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(22)}m_{120}^{(00)}\\
&-2m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{120}^{(21)} + 2m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{111}^{(11)} + m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{030}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(10)} + m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{120}^{(20)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(10)}\\
&+m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{021}^{(00)} + m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(22)}m_{120}^{(10)} - m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(22)}m_{030}^{(00)}\\
&+4m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{210}^{(21)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{201}^{(11)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{120}^{(20)}\\
&-2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(21)}m_{210}^{(20)} + 2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(10)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(22)}m_{210}^{(10)}\\
&+2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(22)}m_{120}^{(00)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(20)}m_{210}^{(11)} + 2m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(10)}\\
&+2m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(10)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{101}^{(21)}m_{120}^{(00)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(20)}m_{300}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(20)}m_{210}^{(20)} + m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(20)}m_{201}^{(10)} + m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(21)}m_{300}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(21)}m_{201}^{(00)} + m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(22)}m_{300}^{(10)} - m_{100}^{(21)}m_{010}^{(22)}m_{020}^{(22)}m_{210}^{(00)}\\
&+2m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(20)}m_{300}^{(11)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(10)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(21)}m_{300}^{(10)}\\
&+2m_{100}^{(21)}m_{010}^{(22)}m_{011}^{(21)}m_{210}^{(00)} - 2m_{100}^{(21)}m_{001}^{(00)}m_{200}^{(11)}m_{021}^{(22)} + 2m_{100}^{(21)}m_{001}^{(00)}m_{200}^{(11)}m_{012}^{(21)}\\
&+2m_{100}^{(21)}m_{001}^{(00)}m_{200}^{(21)}m_{021}^{(21)} - 2m_{100}^{(21)}m_{001}^{(00)}m_{200}^{(21)}m_{012}^{(11)} + 2m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(11)}m_{111}^{(22)}\\
&-2m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(11)}m_{102}^{(21)} - 2m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{111}^{(21)} + 2m_{100}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{102}^{(11)}\\
&+2m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(11)}m_{120}^{(22)} - 2m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(11)}m_{111}^{(21)} - 2m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{120}^{(21)}\\
&+2m_{100}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{111}^{(11)} + 2m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(10)}m_{102}^{(21)} - m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(10)}m_{012}^{(20)}\\
&-m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(10)}m_{003}^{(10)} - m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(11)}m_{102}^{(20)} + m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(11)}m_{003}^{(00)}\\
&-m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(10)} + m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(21)}m_{012}^{(00)} - 4m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(21)}\\
&+2m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{021}^{(20)} + 2m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(10)} - 2m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(11)}m_{210}^{(22)}\\
&+2m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(11)}m_{201}^{(21)} + 2m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(11)}m_{111}^{(20)} - 2m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(11)}m_{012}^{(00)}\\
&+2m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{210}^{(21)} - 2m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{201}^{(11)} + 2m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(10)}\\
&-2m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{021}^{(00)} + 2m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(10)}m_{120}^{(21)} - m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(10)}m_{030}^{(20)}\\
&-m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(10)}m_{021}^{(10)} - m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(11)}m_{120}^{(20)} + m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(11)}m_{021}^{(00)}\\
&-m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(21)}m_{120}^{(10)} + m_{100}^{(21)}m_{001}^{(00)}m_{002}^{(21)}m_{030}^{(00)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(10)}m_{021}^{(22)}\\
&-2m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(10)}m_{012}^{(21)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(11)}m_{111}^{(22)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(11)}m_{012}^{(20)}\\
&-2m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{111}^{(21)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(20)} + 4m_{100}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(10)}\\
&-2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{111}^{(22)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(21)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(20)}\\
&+2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{003}^{(10)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(11)}m_{201}^{(22)} + 4m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(11)}m_{102}^{(20)}\\
&-2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(11)}m_{003}^{(00)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{201}^{(21)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(20)}
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\begin{aligned}
&-2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(10)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(00)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{120}^{(22)}\\
&+6m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(21)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(20)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(10)}\\
&-2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(11)}m_{210}^{(22)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(11)}m_{012}^{(00)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{210}^{(21)}\\
&+2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(20)} - 6m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(10)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(00)}\\
&+2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{210}^{(22)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(21)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(20)}\\
&-2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(10)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(11)}m_{300}^{(22)} - 4m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(11)}m_{201}^{(20)}\\
&+2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(11)}m_{102}^{(00)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{300}^{(21)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{210}^{(20)}\\
&+2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{201}^{(10)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(00)} - 4m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{210}^{(21)}\\
&+2m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{120}^{(20)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(10)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(11)}m_{210}^{(20)}\\
&-2m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(11)}m_{111}^{(00)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(21)}m_{210}^{(10)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{002}^{(21)}m_{120}^{(00)}\\
&-2m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{111}^{(22)} + 2m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{102}^{(21)} + m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(20)}\\
&-m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{003}^{(10)} - m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(11)}m_{102}^{(20)} + m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(11)}m_{003}^{(00)}\\
&+2m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{111}^{(20)} - m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(10)} - m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{012}^{(00)}\\
&+2m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(10)}m_{201}^{(22)} - 2m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(20)} - 2m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(21)}m_{201}^{(20)}\\
&+2m_{100}^{(21)}m_{001}^{(11)}m_{110}^{(21)}m_{102}^{(00)} + 2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{210}^{(22)} - 4m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(21)}\\
&+2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(10)} + 2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(11)}m_{201}^{(20)} - 2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(11)}m_{102}^{(00)}\\
&-2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{210}^{(20)} + 2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(10)} - 2m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(10)}m_{300}^{(22)}\\
&+2m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(20)} + 2m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(21)}m_{300}^{(20)} - 2m_{100}^{(21)}m_{001}^{(11)}m_{011}^{(21)}m_{201}^{(00)}\\
&+2m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(10)}m_{300}^{(21)} - m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(10)}m_{210}^{(20)} - m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(10)}m_{201}^{(10)}\\
&-m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(11)}m_{300}^{(20)} + m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(11)}m_{201}^{(00)} - m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(21)}m_{300}^{(10)}\\
&+m_{100}^{(21)}m_{001}^{(11)}m_{002}^{(21)}m_{210}^{(00)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(21)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{012}^{(11)}\\
&-2m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{111}^{(21)} + 4m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(20)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{012}^{(10)}\\
&+2m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{111}^{(11)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(10)} + 6m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(21)}\\
&-2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{102}^{(11)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(20)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(10)}\\
&+2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{201}^{(21)} - 6m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{111}^{(20)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{102}^{(10)}\\
&+2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{012}^{(00)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{201}^{(11)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{021}^{(00)}\\
&-2m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(21)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(11)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(20)}\\
&+2m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(10)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{210}^{(21)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(20)}\\
&+2m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(10)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{021}^{(00)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(21)}m_{210}^{(11)}\\
&+4m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(10)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{101}^{(21)}m_{030}^{(00)} - 4m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(21)}\\
&+2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(20)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(10)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(20)}\\
&-2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(11)}m_{102}^{(00)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(10)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(00)}\\
&+2m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(21)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(11)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(20)}\\
&-2m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(10)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(11)}m_{300}^{(21)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(20)}\\
&-2m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(11)}m_{201}^{(10)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(11)}m_{111}^{(00)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(21)}m_{300}^{(11)}\\
&-4m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(10)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(00)} + 2m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(21)}\\
&-2m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{111}^{(11)} - m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(20)} + m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(10)}\\
&-m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{120}^{(20)} + 2m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(10)} - m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{021}^{(00)}
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&-m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(10)}+m_{100}^{(21)}m_{001}^{(22)}m_{200}^{(21)}m_{030}^{(00)}-4m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(21)}\\
&+2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{201}^{(11)}+2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(20)}+2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(20)}\\
&-2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(11)}m_{201}^{(10)}+2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(10)}-2m_{100}^{(21)}m_{001}^{(22)}m_{110}^{(21)}m_{120}^{(00)}\\
&+2m_{100}^{(21)}m_{001}^{(22)}m_{101}^{(10)}m_{210}^{(11)}-2m_{100}^{(21)}m_{001}^{(22)}m_{101}^{(10)}m_{120}^{(10)}-2m_{100}^{(21)}m_{001}^{(22)}m_{101}^{(11)}m_{210}^{(10)}\\
&+2m_{100}^{(21)}m_{001}^{(22)}m_{101}^{(11)}m_{120}^{(00)}+2m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(21)}-m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(20)}\\
&-m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(10)}-m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(20)}+m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(11)}m_{201}^{(00)}\\
&-m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(10)}+m_{100}^{(21)}m_{001}^{(22)}m_{020}^{(21)}m_{210}^{(00)}-2m_{100}^{(21)}m_{001}^{(22)}m_{011}^{(10)}m_{300}^{(11)}\\
&+2m_{100}^{(21)}m_{001}^{(22)}m_{011}^{(10)}m_{210}^{(10)}+2m_{100}^{(21)}m_{001}^{(22)}m_{011}^{(11)}m_{300}^{(10)}-2m_{100}^{(21)}m_{001}^{(22)}m_{011}^{(11)}m_{210}^{(00)}\\
&-m_{100}^{(22)}m_{010}^{(00)}m_{200}^{(21)}m_{030}^{(22)}+m_{100}^{(22)}m_{010}^{(00)}m_{200}^{(21)}m_{021}^{(21)}+m_{100}^{(22)}m_{010}^{(00)}m_{200}^{(22)}m_{030}^{(21)}\\
&-m_{100}^{(22)}m_{010}^{(00)}m_{200}^{(22)}m_{021}^{(11)}+2m_{100}^{(22)}m_{010}^{(00)}m_{110}^{(21)}m_{120}^{(22)}-2m_{100}^{(22)}m_{010}^{(00)}m_{110}^{(21)}m_{111}^{(21)}\\
&-2m_{100}^{(22)}m_{010}^{(00)}m_{110}^{(22)}m_{120}^{(21)}+2m_{100}^{(22)}m_{010}^{(00)}m_{110}^{(22)}m_{111}^{(21)}+m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(20)}m_{102}^{(11)}\\
&-m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(20)}m_{012}^{(10)}-m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(21)}m_{210}^{(22)}+m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(21)}m_{201}^{(21)}\\
&-m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(21)}m_{102}^{(10)}+m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(21)}m_{012}^{(00)}+m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(22)}m_{210}^{(21)}\\
&-m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(22)}m_{201}^{(11)}-2m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(20)}m_{111}^{(11)}+2m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(20)}m_{021}^{(10)}\\
&+2m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(21)}m_{111}^{(10)}-2m_{100}^{(22)}m_{010}^{(00)}m_{011}^{(21)}m_{021}^{(00)}+m_{100}^{(22)}m_{010}^{(00)}m_{002}^{(20)}m_{120}^{(11)}\\
&-m_{100}^{(22)}m_{010}^{(00)}m_{002}^{(20)}m_{030}^{(10)}-m_{100}^{(22)}m_{010}^{(00)}m_{002}^{(21)}m_{120}^{(10)}+m_{100}^{(22)}m_{010}^{(00)}m_{002}^{(21)}m_{030}^{(00)}\\
&+m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(20)}m_{030}^{(22)}-m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(20)}m_{021}^{(21)}+m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(21)}m_{120}^{(22)}\\
&-m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(21)}m_{021}^{(20)}-m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(22)}m_{120}^{(21)}-m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(22)}m_{030}^{(20)}\\
&+2m_{100}^{(22)}m_{010}^{(10)}m_{200}^{(22)}m_{021}^{(10)}-2m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(20)}m_{120}^{(22)}+2m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(20)}m_{111}^{(21)}\\
&-2m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(20)}m_{102}^{(11)}+2m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(20)}m_{012}^{(10)}-2m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(21)}m_{210}^{(22)}\\
&+2m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(21)}m_{111}^{(20)}+2m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(21)}m_{102}^{(10)}-2m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(21)}m_{012}^{(00)}\\
&+2m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(22)}m_{210}^{(21)}+2m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(22)}m_{120}^{(20)}-4m_{100}^{(22)}m_{010}^{(10)}m_{110}^{(22)}m_{111}^{(10)}\\
&+2m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(20)}m_{111}^{(11)}-2m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(20)}m_{021}^{(10)}-2m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(10)}\\
&+2m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(21)}m_{021}^{(00)}+m_{100}^{(22)}m_{010}^{(10)}m_{020}^{(20)}m_{210}^{(22)}-m_{100}^{(22)}m_{010}^{(10)}m_{020}^{(20)}m_{201}^{(21)}\\
&+m_{100}^{(22)}m_{010}^{(10)}m_{020}^{(21)}m_{300}^{(22)}-m_{100}^{(22)}m_{010}^{(10)}m_{020}^{(21)}m_{201}^{(20)}-m_{100}^{(22)}m_{010}^{(10)}m_{020}^{(22)}m_{300}^{(21)}\\
&-m_{100}^{(22)}m_{010}^{(10)}m_{020}^{(22)}m_{210}^{(20)}+2m_{100}^{(22)}m_{010}^{(10)}m_{020}^{(22)}m_{201}^{(10)}+2m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(20)}m_{201}^{(11)}\\
&-2m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(20)}m_{111}^{(10)}-2m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(21)}m_{201}^{(10)}+2m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(21)}m_{111}^{(00)}\\
&-2m_{100}^{(22)}m_{010}^{(10)}m_{002}^{(20)}m_{210}^{(11)}+2m_{100}^{(22)}m_{010}^{(10)}m_{002}^{(20)}m_{120}^{(10)}+2m_{100}^{(22)}m_{010}^{(10)}m_{002}^{(21)}m_{210}^{(10)}\\
&-2m_{100}^{(22)}m_{010}^{(10)}m_{002}^{(21)}m_{120}^{(00)}-m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(20)}m_{120}^{(22)}+m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(20)}m_{102}^{(11)}\\
&+m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(20)}m_{021}^{(20)}-m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(20)}m_{012}^{(10)}-m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(21)}m_{102}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(21)}m_{012}^{(00)}+m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(22)}m_{120}^{(20)}-m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(22)}m_{021}^{(00)}\\
&+2m_{100}^{(22)}m_{010}^{(11)}m_{110}^{(20)}m_{210}^{(22)}-2m_{100}^{(22)}m_{010}^{(11)}m_{110}^{(20)}m_{111}^{(21)}-2m_{100}^{(22)}m_{010}^{(11)}m_{110}^{(22)}m_{210}^{(20)}\\
&+2m_{100}^{(22)}m_{010}^{(11)}m_{110}^{(22)}m_{111}^{(00)}-2m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(20)}m_{201}^{(11)}+2m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(20)}m_{111}^{(10)}\\
&+2m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(21)}m_{201}^{(10)}-2m_{100}^{(22)}m_{010}^{(11)}m_{101}^{(21)}m_{111}^{(00)}-m_{100}^{(22)}m_{010}^{(11)}m_{020}^{(20)}m_{300}^{(22)}\\
&+m_{100}^{(22)}m_{010}^{(11)}m_{020}^{(20)}m_{201}^{(21)}+m_{100}^{(22)}m_{010}^{(11)}m_{020}^{(22)}m_{300}^{(20)}-m_{100}^{(22)}m_{010}^{(11)}m_{020}^{(22)}m_{201}^{(00)}\\
&+m_{100}^{(22)}m_{010}^{(11)}m_{002}^{(20)}m_{300}^{(11)}-m_{100}^{(22)}m_{010}^{(11)}m_{002}^{(20)}m_{210}^{(10)}-m_{100}^{(22)}m_{010}^{(11)}m_{002}^{(21)}m_{300}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(11)}m_{002}^{(21)}m_{210}^{(00)}-m_{100}^{(22)}m_{010}^{(20)}m_{200}^{(20)}m_{030}^{(21)}+m_{100}^{(22)}m_{010}^{(20)}m_{200}^{(20)}m_{021}^{(11)}\\
&-m_{100}^{(22)}m_{010}^{(20)}m_{200}^{(21)}m_{120}^{(21)}+2m_{100}^{(22)}m_{010}^{(20)}m_{200}^{(21)}m_{030}^{(20)}-m_{100}^{(22)}m_{010}^{(20)}m_{200}^{(21)}m_{021}^{(10)}
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&+m_{100}^{(22)}m_{010}^{(20)}m_{200}^{(22)}m_{120}^{(11)} - m_{100}^{(22)}m_{010}^{(20)}m_{200}^{(22)}m_{030}^{(10)} + 2m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(20)}m_{120}^{(21)}\\
&-2m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(20)}m_{021}^{(10)} + 2m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(21)}m_{210}^{(21)} - 4m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(21)}m_{120}^{(20)}\\
&+2m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(21)}m_{021}^{(00)} - 2m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(22)}m_{210}^{(11)} + 2m_{100}^{(22)}m_{010}^{(20)}m_{110}^{(22)}m_{120}^{(10)}\\
&-2m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(20)}m_{120}^{(11)} + 2m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(20)}m_{030}^{(10)} + 2m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(21)}m_{120}^{(10)}\\
&-2m_{100}^{(22)}m_{010}^{(20)}m_{101}^{(21)}m_{030}^{(00)} - m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(20)}m_{210}^{(21)} - m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(20)}m_{201}^{(11)}\\
&+2m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(20)}m_{111}^{(10)} - m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(21)}m_{300}^{(21)} + 2m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(21)}m_{210}^{(20)}\\
&+m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(21)}m_{201}^{(10)} - 2m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(21)}m_{111}^{(00)} + m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(22)}m_{300}^{(11)}\\
&-m_{100}^{(22)}m_{010}^{(20)}m_{020}^{(22)}m_{210}^{(10)} + 2m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(20)}m_{210}^{(11)} - 2m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(20)}m_{120}^{(10)}\\
&-2m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(21)}m_{210}^{(10)} + 2m_{100}^{(22)}m_{010}^{(20)}m_{011}^{(21)}m_{120}^{(00)} + 2m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(20)}m_{120}^{(21)}\\
&-2m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(20)}m_{111}^{(11)} - m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(20)}m_{030}^{(20)} + m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(20)}m_{021}^{(10)}\\
&-m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(21)}m_{120}^{(20)} + 2m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(21)}m_{111}^{(10)} - m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(21)}m_{021}^{(00)}\\
&-m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(22)}m_{120}^{(10)} + m_{100}^{(22)}m_{010}^{(21)}m_{200}^{(22)}m_{030}^{(00)} - 4m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(20)}m_{210}^{(21)}\\
&+2m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(20)}m_{201}^{(11)} + 2m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(20)}m_{120}^{(20)} + 2m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(21)}m_{210}^{(20)}\\
&-2m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(21)}m_{201}^{(10)} + 2m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(22)}m_{210}^{(10)} - 2m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(22)}m_{120}^{(00)}\\
&+2m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(20)}m_{210}^{(11)} - 2m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(10)} - 2m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(21)}m_{210}^{(10)}\\
&+2m_{100}^{(22)}m_{010}^{(21)}m_{101}^{(21)}m_{120}^{(00)} + 2m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(20)}m_{300}^{(21)} - m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(20)}m_{210}^{(20)}\\
&-m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(20)}m_{201}^{(10)} - m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(21)}m_{300}^{(20)} + m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(21)}m_{201}^{(00)}\\
&-m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(22)}m_{300}^{(10)} + m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(22)}m_{210}^{(00)} - 2m_{100}^{(22)}m_{010}^{(21)}m_{020}^{(20)}m_{011}^{(11)}m_{300}\\
&+2m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(20)}m_{210}^{(10)} + 2m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(21)}m_{300}^{(10)} - 2m_{100}^{(22)}m_{010}^{(21)}m_{011}^{(21)}m_{210}^{(00)}\\
&+m_{100}^{(22)}m_{001}^{(00)}m_{200}^{(11)}m_{030}^{(22)} - m_{100}^{(22)}m_{001}^{(00)}m_{200}^{(11)}m_{021}^{(21)} - m_{100}^{(22)}m_{001}^{(00)}m_{200}^{(21)}m_{030}^{(21)}\\
&+m_{100}^{(22)}m_{001}^{(00)}m_{200}^{(21)}m_{021}^{(11)} - 2m_{100}^{(22)}m_{001}^{(00)}m_{110}^{(11)}m_{120}^{(22)} + 2m_{100}^{(22)}m_{001}^{(00)}m_{110}^{(11)}m_{111}^{(21)}\\
&+2m_{100}^{(22)}m_{001}^{(00)}m_{110}^{(21)}m_{120}^{(21)} - 2m_{100}^{(22)}m_{001}^{(00)}m_{110}^{(21)}m_{111}^{(11)} - m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(10)}m_{102}^{(11)}\\
&+m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(10)}m_{012}^{(10)} + m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(11)}m_{210}^{(22)} - m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(11)}m_{201}^{(21)}\\
&+m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(11)}m_{102}^{(10)} - m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(11)}m_{012}^{(00)} - m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(21)}m_{210}^{(21)}\\
&+m_{100}^{(22)}m_{001}^{(00)}m_{020}^{(21)}m_{201}^{(11)} + 2m_{100}^{(22)}m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(11)} - 2m_{100}^{(22)}m_{001}^{(00)}m_{011}^{(10)}m_{021}^{(10)}\\
&-2m_{100}^{(22)}m_{001}^{(00)}m_{011}^{(11)}m_{111}^{(10)} + 2m_{100}^{(22)}m_{001}^{(00)}m_{011}^{(11)}m_{021}^{(00)} - m_{100}^{(22)}m_{001}^{(00)}m_{002}^{(10)}m_{120}^{(11)}\\
&+m_{100}^{(22)}m_{001}^{(00)}m_{002}^{(10)}m_{030}^{(10)} + m_{100}^{(22)}m_{001}^{(00)}m_{002}^{(11)}m_{120}^{(10)} - m_{100}^{(22)}m_{001}^{(00)}m_{002}^{(11)}m_{030}^{(00)}\\
&-m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(10)}m_{030}^{(22)} + m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(10)}m_{021}^{(21)} - m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(11)}m_{120}^{(21)}\\
&+m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(11)}m_{021}^{(20)} + m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(21)}m_{120}^{(21)} + m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(21)}m_{030}^{(20)}\\
&-2m_{100}^{(22)}m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(10)} + 2m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{120}^{(22)} - 2m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{111}^{(21)}\\
&+2m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(11)} - 2m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(10)} + 2m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(11)}m_{210}^{(22)}\\
&-2m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(11)}m_{111}^{(20)} - 2m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(11)}m_{102}^{(10)} + 2m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(11)}m_{012}^{(00)}\\
&-2m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(21)}m_{210}^{(21)} - 2m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(21)}m_{120}^{(20)} + 4m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(10)}\\
&-2m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(11)} + 2m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(10)} + 2m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(10)}\\
&-2m_{100}^{(22)}m_{001}^{(10)}m_{101}^{(11)}m_{021}^{(00)} - m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(10)}m_{210}^{(22)} + m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(10)}m_{201}^{(21)}\\
&-m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(11)}m_{300}^{(22)} + m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(11)}m_{201}^{(20)} + m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(21)}m_{300}^{(21)}\\
&+m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(21)}m_{210}^{(20)} - 2m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(21)}m_{201}^{(10)} - 2m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(10)}m_{011}^{(11)}m_{201}\\
&+2m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(10)} + 2m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(11)}m_{201}^{(10)} - 2m_{100}^{(22)}m_{001}^{(10)}m_{011}^{(11)}m_{111}^{(00)}
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&+2m_{100}^{(22)}m_{001}^{(10)}m_{002}^{(10)}m_{210}^{(11)} - 2m_{100}^{(22)}m_{001}^{(10)}m_{002}^{(10)}m_{120}^{(10)} - 2m_{100}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{210}^{(10)}\\
&+2m_{100}^{(22)}m_{001}^{(10)}m_{002}^{(11)}m_{120}^{(00)} + m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(10)}m_{120}^{(22)} - m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(10)}m_{102}^{(11)}\\
&-m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(10)}m_{021}^{(20)} + m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(10)} + m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(11)}m_{102}^{(10)}\\
&-m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(11)}m_{012}^{(00)} - m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(21)}m_{120}^{(20)} + m_{100}^{(22)}m_{001}^{(11)}m_{200}^{(21)}m_{021}^{(00)}\\
&-2m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(10)}m_{210}^{(22)} + 2m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(10)}m_{111}^{(20)} + 2m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(21)}m_{210}^{(20)}\\
&-2m_{100}^{(22)}m_{001}^{(11)}m_{110}^{(21)}m_{111}^{(00)} + 2m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(11)} - 2m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(10)}\\
&-2m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(11)}m_{201}^{(10)} + 2m_{100}^{(22)}m_{001}^{(11)}m_{101}^{(11)}m_{111}^{(00)} + m_{100}^{(22)}m_{001}^{(11)}m_{020}^{(10)}m_{300}^{(22)}\\
&-m_{100}^{(22)}m_{001}^{(11)}m_{020}^{(10)}m_{201}^{(20)} - m_{100}^{(22)}m_{001}^{(11)}m_{020}^{(21)}m_{300}^{(20)} + m_{100}^{(22)}m_{001}^{(11)}m_{020}^{(21)}m_{201}^{(00)}\\
&-m_{100}^{(22)}m_{001}^{(11)}m_{002}^{(10)}m_{300}^{(11)} + m_{100}^{(22)}m_{001}^{(11)}m_{002}^{(10)}m_{210}^{(10)} + m_{100}^{(22)}m_{001}^{(11)}m_{002}^{(11)}m_{300}^{(10)}\\
&-m_{100}^{(22)}m_{001}^{(11)}m_{002}^{(11)}m_{210}^{(00)} + m_{100}^{(22)}m_{001}^{(20)}m_{200}^{(10)}m_{030}^{(21)} - m_{100}^{(22)}m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(11)}\\
&+m_{100}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{120}^{(21)} - 2m_{100}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{030}^{(20)} + m_{100}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{021}^{(10)}\\
&-m_{100}^{(22)}m_{001}^{(20)}m_{200}^{(21)}m_{120}^{(11)} + m_{100}^{(22)}m_{001}^{(20)}m_{200}^{(21)}m_{030}^{(10)} - 2m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{120}^{(21)}\\
&+2m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(10)} - 2m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{210}^{(21)} + 4m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{120}^{(20)}\\
&-2m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{021}^{(00)} + 2m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(11)} - 2m_{100}^{(22)}m_{001}^{(20)}m_{110}^{(21)}m_{120}^{(10)}\\
&+2m_{100}^{(22)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(11)} - 2m_{100}^{(22)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(10)} - 2m_{100}^{(22)}m_{001}^{(20)}m_{101}^{(11)}m_{120}^{(10)}\\
&+2m_{100}^{(22)}m_{001}^{(20)}m_{101}^{(11)}m_{030}^{(00)} + m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{210}^{(21)} + m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(11)}\\
&-2m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(10)} + m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(11)}m_{300}^{(21)} - 2m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(11)}m_{210}^{(20)}\\
&-m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(10)} + 2m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(11)}m_{111}^{(00)} - m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(21)}m_{300}^{(11)}\\
&+m_{100}^{(22)}m_{001}^{(20)}m_{020}^{(21)}m_{210}^{(10)} - 2m_{100}^{(22)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(11)} + 2m_{100}^{(22)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(10)}\\
&+2m_{100}^{(22)}m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(10)} - 2m_{100}^{(22)}m_{001}^{(20)}m_{011}^{(11)}m_{120}^{(00)} - 2m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{120}^{(21)}\\
&+2m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(11)} + m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{030}^{(20)} - m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(10)}\\
&+m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{120}^{(20)} - 2m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(10)} + m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{021}^{(00)}\\
&+m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(10)} - m_{100}^{(22)}m_{001}^{(21)}m_{200}^{(21)}m_{030}^{(00)} + 4m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{210}^{(21)}\\
&-2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(11)} - 2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{120}^{(20)} - 2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(11)}m_{210}^{(20)}\\
&+2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(10)} - 2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(10)} + 2m_{100}^{(22)}m_{001}^{(21)}m_{110}^{(21)}m_{120}^{(00)}\\
&-2m_{100}^{(22)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(11)} + 2m_{100}^{(22)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(10)} + 2m_{100}^{(22)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(10)}\\
&-2m_{100}^{(22)}m_{001}^{(21)}m_{101}^{(11)}m_{120}^{(00)} - 2m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(10)}m_{300}^{(21)} + m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(10)}m_{210}^{(20)}\\
&+m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(10)} + m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(11)}m_{300}^{(20)} - m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(11)}m_{201}^{(00)}\\
&+m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(21)}m_{300}^{(10)} - m_{100}^{(22)}m_{001}^{(21)}m_{020}^{(21)}m_{210}^{(00)} + 2m_{100}^{(22)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(11)}\\
&-2m_{100}^{(22)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(10)} - 2m_{100}^{(22)}m_{001}^{(21)}m_{011}^{(11)}m_{300}^{(10)} + 2m_{100}^{(22)}m_{001}^{(21)}m_{011}^{(11)}m_{210}^{(00)}\\
&-2m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(22)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(10)}m_{003}^{(21)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(21)}\\
&-2m_{010}^{(00)}m_{001}^{(10)}m_{110}^{(20)}m_{003}^{(11)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(22)} - 2m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(21)}\\
&-2m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(21)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{101}^{(20)}m_{012}^{(11)} + m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(00)}m_{012}^{(22)}\\
&-m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(00)}m_{003}^{(21)} + m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(22)} - m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(10)}m_{003}^{(20)}\\
&-m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(21)} - m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{012}^{(20)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{003}^{(10)}\\
&-2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(00)}m_{021}^{(22)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(00)}m_{012}^{(21)} - 2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(21)}\\
&+2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{012}^{(20)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{102}^{(11)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{021}^{(20)}\\
&-4m_{010}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{012}^{(10)} + m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(00)}m_{030}^{(22)} - m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(00)}m_{021}^{(21)}
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&-m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{120}^{(22)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(21)} - m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{021}^{(20)}\\
&+m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(21)} - 2m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(20)}m_{111}^{(11)} - m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(20)}m_{030}^{(20)}\\
&+2m_{010}^{(00)}m_{001}^{(10)}m_{002}^{(20)}m_{021}^{(10)} + m_{010}^{(00)}m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(22)} - m_{010}^{(00)}m_{001}^{(11)}m_{200}^{(10)}m_{003}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(21)} + m_{010}^{(00)}m_{001}^{(11)}m_{200}^{(20)}m_{003}^{(11)} - 2m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(22)}\\
&+2m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(21)} + 2m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(21)} - 2m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(20)}m_{102}^{(11)}\\
&-m_{010}^{(00)}m_{001}^{(11)}m_{020}^{(00)}m_{102}^{(22)} + m_{010}^{(00)}m_{001}^{(11)}m_{020}^{(00)}m_{003}^{(20)} + m_{010}^{(00)}m_{001}^{(11)}m_{020}^{(20)}m_{102}^{(20)}\\
&-m_{010}^{(00)}m_{001}^{(11)}m_{020}^{(20)}m_{003}^{(00)} + 2m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(00)}m_{111}^{(22)} - 2m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(00)}m_{012}^{(20)}\\
&-2m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(20)} + 2m_{010}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{012}^{(00)} - m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(00)}m_{120}^{(22)}\\
&+m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(00)}m_{021}^{(20)} + m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(10)}m_{210}^{(22)} - m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(10)}m_{201}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(21)} + m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(20)}m_{201}^{(11)} + m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(20)}m_{120}^{(20)}\\
&-m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(20)}m_{021}^{(00)} + 2m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(22)} - 2m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(21)}\\
&-2m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(21)} + 2m_{010}^{(00)}m_{001}^{(20)}m_{110}^{(20)}m_{012}^{(11)} - 2m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(22)}\\
&+2m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(21)} + 2m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(21)} - 2m_{010}^{(00)}m_{001}^{(20)}m_{101}^{(20)}m_{021}^{(11)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(00)}m_{012}^{(21)} + m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(00)}m_{003}^{(11)} - 2m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(22)}\\
&+m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(21)} + 2m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{012}^{(20)} - m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{003}^{(10)}\\
&+2m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(21)} - m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{102}^{(11)} - m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{012}^{(10)}\\
&+2m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(00)}m_{021}^{(21)} - 2m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(00)}m_{012}^{(11)} + 2m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(22)}\\
&-4m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{021}^{(20)} + 2m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{012}^{(10)} - 2m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(21)}\\
&+2m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{021}^{(10)} - m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(00)}m_{030}^{(21)} + m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(00)}m_{021}^{(11)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(10)}m_{120}^{(21)} + 2m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(10)}m_{030}^{(20)} - m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(10)}m_{021}^{(10)}\\
&+m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(20)}m_{120}^{(11)} - m_{010}^{(00)}m_{001}^{(20)}m_{002}^{(20)}m_{030}^{(10)} - 2m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(22)}\\
&+2m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(21)} + 2m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(21)} - 2m_{010}^{(00)}m_{001}^{(21)}m_{200}^{(20)}m_{012}^{(11)}\\
&+2m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(22)} - 2m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(21)} - 2m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(21)}\\
&+2m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{102}^{(11)} + 2m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(22)} - 2m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(21)}\\
&-2m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(21)} + 2m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(20)}m_{111}^{(11)} + 2m_{010}^{(00)}m_{001}^{(21)}m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(00)}m_{012}^{(20)} - m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(00)}m_{003}^{(10)} - m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{102}^{(20)}\\
&+m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{003}^{(00)} - m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{102}^{(10)} + m_{010}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{012}^{(00)}\\
&-4m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(21)} + 2m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(00)}m_{021}^{(20)} + 2m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(00)}m_{012}^{(10)}\\
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&-2m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{012}^{(00)} + 2m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(21)} - 2m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{201}^{(11)}\\
&+2m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{111}^{(10)} - 2m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{021}^{(00)} + 2m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(00)}m_{120}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(00)}m_{030}^{(20)} - m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(00)}m_{021}^{(10)} - m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(10)}m_{120}^{(20)}\\
&+m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(10)}m_{021}^{(00)} - m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(20)}m_{120}^{(10)} + m_{010}^{(00)}m_{001}^{(21)}m_{002}^{(20)}m_{030}^{(00)}\\
&+m_{010}^{(00)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(22)} - m_{010}^{(00)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(21)} - m_{010}^{(00)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(21)}\\
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&+2m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(21)} - 2m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(20)}m_{111}^{(11)} - m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(00)}m_{102}^{(11)}\\
&+m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(00)}m_{012}^{(10)} + m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(22)} - m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(10)}m_{102}^{(10)} - m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(10)}m_{012}^{(00)} - m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(21)}
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&+m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(20)}m_{201}^{(11)}+2m_{010}^{(00)}m_{001}^{(22)}m_{011}^{(00)}m_{111}^{(11)}-2m_{010}^{(00)}m_{001}^{(22)}m_{011}^{(00)}m_{021}^{(10)}\\
&-2m_{010}^{(00)}m_{001}^{(22)}m_{011}^{(10)}m_{111}^{(10)}+2m_{010}^{(00)}m_{001}^{(22)}m_{011}^{(10)}m_{021}^{(00)}-m_{010}^{(00)}m_{001}^{(22)}m_{002}^{(00)}m_{120}^{(11)}\\
&+m_{010}^{(00)}m_{001}^{(22)}m_{002}^{(00)}m_{030}^{(10)}+m_{010}^{(00)}m_{001}^{(22)}m_{002}^{(10)}m_{120}^{(10)}-m_{010}^{(00)}m_{001}^{(22)}m_{002}^{(10)}m_{030}^{(00)}\\
&+2m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(10)}m_{012}^{(22)}-2m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(10)}m_{003}^{(21)}-2m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(20)}m_{012}^{(21)}\\
&+2m_{010}^{(10)}m_{001}^{(00)}m_{110}^{(20)}m_{003}^{(11)}-2m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(10)}m_{021}^{(22)}+2m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(10)}m_{012}^{(21)}\\
&+2m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(20)}m_{021}^{(21)}-2m_{010}^{(10)}m_{001}^{(00)}m_{101}^{(20)}m_{012}^{(11)}-m_{010}^{(10)}m_{001}^{(00)}m_{020}^{(00)}m_{012}^{(22)}\\
&+m_{010}^{(10)}m_{001}^{(00)}m_{020}^{(00)}m_{003}^{(21)}-m_{010}^{(10)}m_{001}^{(00)}m_{020}^{(10)}m_{102}^{(22)}+m_{010}^{(10)}m_{001}^{(00)}m_{020}^{(10)}m_{003}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(00)}m_{020}^{(20)}m_{102}^{(21)}+m_{010}^{(10)}m_{001}^{(00)}m_{020}^{(20)}m_{012}^{(20)}-2m_{010}^{(10)}m_{001}^{(00)}m_{020}^{(20)}m_{003}^{(10)}\\
&+2m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(00)}m_{021}^{(22)}-2m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(00)}m_{012}^{(21)}+2m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{102}^{(21)}\\
&-2m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(20)}-2m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{102}^{(11)}-2m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(20)}\\
&+4m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{012}^{(10)}-m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(00)}m_{030}^{(22)}+m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(00)}m_{021}^{(21)}\\
&+m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{120}^{(22)}-2m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{111}^{(21)}+m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{021}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(20)}m_{120}^{(21)}+2m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(20)}m_{111}^{(11)}+m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(20)}m_{030}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(20)}m_{021}^{(10)}-m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(00)}m_{012}^{(22)}+m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(00)}m_{003}^{(21)}\\
&-m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(10)}m_{102}^{(22)}+m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(10)}m_{003}^{(20)}+m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{102}^{(21)}\\
&+m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(20)}-2m_{010}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{003}^{(10)}+2m_{010}^{(10)}m_{001}^{(11)}m_{110}^{(00)}m_{102}^{(22)}\\
&-2m_{010}^{(10)}m_{001}^{(11)}m_{110}^{(00)}m_{003}^{(20)}-2m_{010}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(20)}+2m_{010}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{003}^{(00)}\\
&-2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{102}^{(21)}+2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{012}^{(20)}+2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(22)}\\
&-2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(20)}-2m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{201}^{(21)}+4m_{010}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{102}^{(10)}\\
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&+2m_{010}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(20)}-2m_{010}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{102}^{(00)}+m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(00)}m_{210}^{(22)}\\
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&+m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{201}^{(20)}+m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{300}^{(21)}-m_{010}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(20)}\\
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&+4m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(00)}m_{012}^{(21)}-2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(00)}m_{003}^{(11)}-2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(22)}\\
&+2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{102}^{(21)}-2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(20)}+2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{003}^{(10)}\\
&+2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(21)}-2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{102}^{(11)}+2m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(20)}\\
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&+2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(20)}-2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{012}^{(10)}-2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(21)}\\
&+2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{111}^{(11)}-2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(20)}+2m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{021}^{(10)}\\
&+2m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(22)}-2m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{102}^{(21)}+2m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(22)}\\
&-2m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(20)}-2m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{201}^{(21)}-2m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(20)}\\
&+4m_{010}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{102}^{(10)}-2m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(22)}+2m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{102}^{(11)}\\
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&+2m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(20)}-6m_{010}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{111}^{(10)}+2m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(00)}m_{120}^{(21)}\\
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&+2m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{111}^{(10)} - 2m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(20)}m_{210}^{(11)} + 2m_{010}^{(10)}m_{001}^{(20)}m_{002}^{(20)}m_{120}^{(10)}\\
&+2m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(22)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(00)}m_{012}^{(21)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(22)}\\
&-2m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(20)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(21)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(20)}\\
&+4m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{012}^{(10)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(22)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{102}^{(21)}\\
&+2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{012}^{(20)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{003}^{(10)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(22)}\\
&+4m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(20)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{003}^{(00)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(21)}\\
&+2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(20)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{102}^{(10)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{012}^{(00)}\\
&-2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(22)} + 6m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(21)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{021}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{012}^{(10)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(22)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{012}^{(00)}\\
&+2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(21)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(20)} - 6m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{111}^{(10)}\\
&+2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{021}^{(00)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(22)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{201}^{(21)}\\
&-2m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(20)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{102}^{(10)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(22)}\\
&-4m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(20)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{102}^{(00)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(21)}\\
&-2m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(20)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{201}^{(10)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{111}^{(00)}\\
&-4m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(00)}m_{210}^{(21)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(00)}m_{120}^{(20)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(00)}m_{111}^{(10)}\\
&+2m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{210}^{(20)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{111}^{(00)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(20)}m_{210}^{(10)}\\
&-2m_{010}^{(10)}m_{001}^{(21)}m_{002}^{(20)}m_{120}^{(00)} - m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(22)} + m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(00)}m_{021}^{(21)}\\
&-m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(22)} + m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(20)} + m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(20)}m_{120}^{(21)}\\
&+m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(20)} - 2m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(20)}m_{021}^{(10)} + 2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(22)}\\
&-2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{111}^{(21)} + 2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{102}^{(11)} - 2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{012}^{(10)}\\
&+2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(22)} - 2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(20)} - 2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{102}^{(10)}\\
&+2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{012}^{(00)} - 2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{210}^{(21)} - 2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(20)}\\
&+4m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{111}^{(10)} - 2m_{010}^{(10)}m_{001}^{(22)}m_{101}^{(00)}m_{111}^{(11)} + 2m_{010}^{(10)}m_{001}^{(22)}m_{101}^{(00)}m_{021}^{(10)}\\
&+2m_{010}^{(10)}m_{001}^{(22)}m_{101}^{(10)}m_{111}^{(10)} - 2m_{010}^{(10)}m_{001}^{(22)}m_{101}^{(10)}m_{021}^{(00)} - m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(22)}\\
&+m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{201}^{(21)} - m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(22)} + m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{300}^{(21)} + m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(20)} - 2m_{010}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{201}^{(10)}\\
&-2m_{010}^{(10)}m_{001}^{(22)}m_{011}^{(00)}m_{201}^{(11)} + 2m_{010}^{(10)}m_{001}^{(22)}m_{011}^{(00)}m_{111}^{(10)} + 2m_{010}^{(10)}m_{001}^{(22)}m_{011}^{(10)}m_{201}^{(10)}\\
&-2m_{010}^{(10)}m_{001}^{(22)}m_{011}^{(10)}m_{111}^{(00)} + 2m_{010}^{(10)}m_{001}^{(22)}m_{002}^{(00)}m_{210}^{(11)} - 2m_{010}^{(10)}m_{001}^{(22)}m_{002}^{(00)}m_{120}^{(10)}\\
&-2m_{010}^{(10)}m_{001}^{(22)}m_{002}^{(10)}m_{210}^{(10)} + 2m_{010}^{(10)}m_{001}^{(22)}m_{002}^{(10)}m_{120}^{(00)} - m_{010}^{(11)}m_{001}^{(00)}m_{200}^{(10)}m_{012}^{(22)}\\
&+m_{010}^{(11)}m_{001}^{(00)}m_{200}^{(10)}m_{003}^{(21)} + m_{010}^{(11)}m_{001}^{(00)}m_{200}^{(20)}m_{012}^{(21)} - m_{010}^{(11)}m_{001}^{(00)}m_{200}^{(20)}m_{003}^{(11)}\\
&+2m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(10)}m_{111}^{(22)} - 2m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(10)}m_{102}^{(21)} - 2m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{111}^{(21)}\\
&+2m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{102}^{(11)} + m_{010}^{(11)}m_{001}^{(00)}m_{020}^{(00)}m_{102}^{(22)} - m_{010}^{(11)}m_{001}^{(00)}m_{020}^{(00)}m_{003}^{(20)}\\
&-m_{010}^{(11)}m_{001}^{(00)}m_{020}^{(20)}m_{102}^{(20)} + m_{010}^{(11)}m_{001}^{(00)}m_{020}^{(20)}m_{003}^{(00)} - 2m_{010}^{(11)}m_{001}^{(00)}m_{011}^{(00)}m_{111}^{(22)}\\
&+2m_{010}^{(11)}m_{001}^{(00)}m_{011}^{(00)}m_{012}^{(20)} + 2m_{010}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(20)} - 2m_{010}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{012}^{(00)}\\
&+m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(00)}m_{120}^{(22)} - m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(00)}m_{021}^{(20)} - m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(10)}m_{210}^{(22)}\\
&+m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(10)}m_{201}^{(21)} + m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(20)}m_{210}^{(21)} - m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(20)}m_{201}^{(11)}\\
&-m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(20)}m_{120}^{(20)} + m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(20)}m_{021}^{(00)} + m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(00)}m_{012}^{(22)}\\
&-m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(00)}m_{003}^{(21)} + m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(10)}m_{102}^{(22)} - m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(10)}m_{003}^{(20)}
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&-m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{102}^{(21)} - m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{012}^{(20)} + 2m_{010}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{003}^{(10)}\\
&-2m_{010}^{(11)}m_{001}^{(10)}m_{110}^{(00)}m_{102}^{(22)} + 2m_{010}^{(11)}m_{001}^{(10)}m_{110}^{(00)}m_{003}^{(20)} + 2m_{010}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{102}^{(20)}\\
&-2m_{010}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{003}^{(00)} + 2m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(00)}m_{102}^{(21)} - 2m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(00)}m_{012}^{(20)}\\
&-2m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{201}^{(22)} + 2m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{102}^{(20)} + 2m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{201}^{(21)}\\
&-4m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{102}^{(10)} + 2m_{010}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{012}^{(00)} + 2m_{010}^{(11)}m_{001}^{(10)}m_{011}^{(00)}m_{201}^{(22)}\\
&-2m_{010}^{(11)}m_{001}^{(10)}m_{011}^{(00)}m_{102}^{(20)} - 2m_{010}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(20)} + 2m_{010}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{102}^{(00)}\\
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&+m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{300}^{(22)} - m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{201}^{(20)} - m_{010}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{300}^{(21)}\\
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&+2m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{012}^{(20)} - m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{003}^{(10)} + m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{102}^{(11)}\\
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&+2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{111}^{(21)} - 2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{102}^{(11)} + 2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{021}^{(20)}\\
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&+2m_{010}^{(11)}m_{001}^{(20)}m_{020}^{(20)}m_{201}^{(20)} - 2m_{010}^{(11)}m_{001}^{(20)}m_{020}^{(20)}m_{102}^{(00)} + 2m_{010}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{210}^{(22)}\\
&-2m_{010}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{111}^{(20)} - 2m_{010}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(20)} + 2m_{010}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{111}^{(00)}\\
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&+2m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(10)}m_{210}^{(20)} - m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(10)}m_{201}^{(10)} + m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(20)}m_{300}^{(11)}\\
&-m_{010}^{(11)}m_{001}^{(20)}m_{002}^{(20)}m_{210}^{(10)} - 2m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{111}^{(22)} + 2m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{102}^{(21)}\\
&+m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{012}^{(20)} - m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{003}^{(10)} - m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{102}^{(20)}\\
&+m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{003}^{(00)} + 2m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(20)} - m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{102}^{(10)}\\
&-m_{010}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{012}^{(00)} + 2m_{010}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{201}^{(22)} - 2m_{010}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{102}^{(20)}\\
&-2m_{010}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(20)} + 2m_{010}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{102}^{(00)} + 2m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{210}^{(22)}\\
&-4m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{201}^{(21)} + 2m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{102}^{(10)} + 2m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{201}^{(20)}\\
&-2m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{102}^{(00)} - 2m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(20)} + 2m_{010}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{201}^{(10)}\\
&-2m_{010}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{300}^{(22)} + 2m_{010}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{201}^{(20)} + 2m_{010}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(20)}\\
&-2m_{010}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{201}^{(00)} + 2m_{010}^{(11)}m_{001}^{(21)}m_{002}^{(00)}m_{300}^{(21)} - m_{010}^{(11)}m_{001}^{(21)}m_{002}^{(00)}m_{210}^{(20)}\\
&-m_{010}^{(11)}m_{001}^{(21)}m_{002}^{(00)}m_{201}^{(10)} - m_{010}^{(11)}m_{001}^{(21)}m_{002}^{(10)}m_{300}^{(20)} + m_{010}^{(11)}m_{001}^{(21)}m_{002}^{(10)}m_{201}^{(00)}\\
&-m_{010}^{(11)}m_{001}^{(21)}m_{002}^{(20)}m_{300}^{(10)} + m_{010}^{(11)}m_{001}^{(21)}m_{002}^{(20)}m_{210}^{(00)} + m_{010}^{(11)}m_{001}^{(22)}m_{200}^{(00)}m_{120}^{(22)}\\
&-m_{010}^{(11)}m_{001}^{(22)}m_{200}^{(00)}m_{102}^{(11)} - m_{010}^{(11)}m_{001}^{(22)}m_{200}^{(00)}m_{021}^{(20)} + m_{010}^{(11)}m_{001}^{(22)}m_{200}^{(00)}m_{012}^{(10)}\\
&+m_{010}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{102}^{(10)} - m_{010}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{012}^{(00)} - m_{010}^{(11)}m_{001}^{(22)}m_{200}^{(20)}m_{120}^{(20)}\\
&+m_{010}^{(11)}m_{001}^{(22)}m_{200}^{(20)}m_{021}^{(00)} - 2m_{010}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{210}^{(22)} + 2m_{010}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{111}^{(20)}\\
&+2m_{010}^{(11)}m_{001}^{(22)}m_{110}^{(20)}m_{210}^{(20)} - 2m_{010}^{(11)}m_{001}^{(22)}m_{110}^{(20)}m_{111}^{(00)} + 2m_{010}^{(11)}m_{001}^{(22)}m_{101}^{(00)}m_{201}^{(11)}\\
&-2m_{010}^{(11)}m_{001}^{(22)}m_{101}^{(00)}m_{111}^{(10)} - 2m_{010}^{(11)}m_{001}^{(22)}m_{101}^{(10)}m_{201}^{(10)} + 2m_{010}^{(11)}m_{001}^{(22)}m_{101}^{(10)}m_{111}^{(00)}\\
&+m_{010}^{(11)}m_{001}^{(22)}m_{020}^{(00)}m_{300}^{(22)} - m_{010}^{(11)}m_{001}^{(22)}m_{020}^{(00)}m_{201}^{(20)} - m_{010}^{(11)}m_{001}^{(22)}m_{020}^{(20)}m_{300}^{(20)}
\end{aligned}
$$

$$
\begin{aligned}
&+m_{010}^{(11)}m_{001}^{(22)}m_{020}^{(20)}m_{201}^{(00)} - m_{010}^{(11)}m_{001}^{(22)}m_{002}^{(00)}m_{300}^{(11)} + m_{010}^{(11)}m_{001}^{(22)}m_{002}^{(00)}m_{210}^{(10)}\\
&+m_{010}^{(11)}m_{001}^{(22)}m_{002}^{(10)}m_{300}^{(10)} - m_{010}^{(11)}m_{001}^{(22)}m_{002}^{(10)}m_{210}^{(00)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(10)}m_{021}^{(22)}\\
&+2m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(10)}m_{012}^{(21)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(20)}m_{021}^{(21)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{110}^{(20)}m_{012}^{(11)}\\
&+2m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(10)}m_{030}^{(22)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(10)}m_{021}^{(21)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(20)}m_{030}^{(21)}\\
&+2m_{010}^{(20)}m_{001}^{(00)}m_{101}^{(20)}m_{021}^{(11)} + m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(00)}m_{012}^{(21)} - m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(00)}m_{003}^{(11)}\\
&+2m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(10)}m_{111}^{(22)} - m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(10)}m_{102}^{(21)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(10)}m_{012}^{(20)}\\
&+m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(10)}m_{003}^{(10)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(20)}m_{111}^{(21)} + m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(20)}m_{102}^{(11)}\\
&+m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(20)}m_{012}^{(10)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(00)}m_{021}^{(21)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(00)}m_{012}^{(11)}\\
&-2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{120}^{(22)} + 4m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{021}^{(20)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(10)}\\
&+2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(20)}m_{120}^{(21)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(10)} + m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(00)}m_{030}^{(21)}\\
&-m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(00)}m_{021}^{(11)} + m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(10)}m_{120}^{(21)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(10)}m_{030}^{(20)}\\
&+m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(10)}m_{021}^{(10)} - m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(20)}m_{120}^{(11)} + m_{010}^{(20)}m_{001}^{(00)}m_{002}^{(20)}m_{030}^{(10)}\\
&+2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(00)}m_{021}^{(22)} - 4m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(00)}m_{012}^{(21)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(00)}m_{003}^{(11)}\\
&+2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{111}^{(22)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(21)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(20)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{003}^{(10)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(21)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{102}^{(11)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(20)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(10)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(00)}m_{030}^{(22)}\\
&+4m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(00)}m_{021}^{(21)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(00)}m_{012}^{(11)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{120}^{(22)}\\
&+2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(21)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(20)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(10)}\\
&+2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{120}^{(21)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(11)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{030}^{(20)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(10)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(00)}m_{111}^{(22)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(00)}m_{102}^{(21)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{201}^{(22)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(20)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{201}^{(21)}\\
&+2m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{111}^{(20)} - 4m_{010}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(10)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(00)}m_{120}^{(22)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(00)}m_{102}^{(11)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{210}^{(22)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(21)}\\
&-6m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(20)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(10)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(21)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(11)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(20)} + 6m_{010}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(10)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(00)}m_{120}^{(21)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(00)}m_{111}^{(11)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{210}^{(21)}\\
&+4m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{120}^{(20)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(20)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(20)}m_{210}^{(11)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(10)} + m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(00)}m_{012}^{(21)} - m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(00)}m_{003}^{(11)}\\
&+m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(10)}m_{102}^{(21)} - 2m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(20)} + m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(10)}m_{003}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(20)}m_{102}^{(11)} + m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(10)} - 2m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(00)}m_{111}^{(22)}\\
&+2m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(00)}m_{012}^{(20)} + 2m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(20)} - 2m_{010}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{012}^{(00)}\\
&+2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(00)}m_{120}^{(22)} - 2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(00)}m_{111}^{(21)} + 2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(00)}m_{102}^{(11)}\\
&-2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(00)}m_{021}^{(20)} - 2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(21)} + 4m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(20)}\\
&-2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(10)} + 2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{201}^{(11)} - 2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{120}^{(20)}\\
&-2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(10)} + 2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{021}^{(00)} + 2m_{010}^{(20)}m_{001}^{(11)}m_{020}^{(00)}m_{201}^{(22)}\\
&-2m_{010}^{(20)}m_{001}^{(11)}m_{020}^{(00)}m_{102}^{(20)} - 2m_{010}^{(20)}m_{001}^{(11)}m_{020}^{(20)}m_{201}^{(20)} + 2m_{010}^{(20)}m_{001}^{(11)}m_{020}^{(20)}m_{102}^{(00)}\\
&-2m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(00)}m_{210}^{(22)} + 2m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(00)}m_{111}^{(20)} + 2m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{210}^{(20)}\\
&-2m_{010}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(00)} + m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(00)}m_{210}^{(21)} - m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(00)}m_{201}^{(11)}
\end{aligned}
$$

$$+m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(10)}m_{300}^{(21)}-2m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(10)}m_{210}^{(20)}+m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(10)}m_{201}^{(10)}$$
$$-m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(20)}m_{300}^{(11)}+m_{010}^{(20)}m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(10)}-2m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(21)}$$
$$+2m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(00)}m_{012}^{(11)}-2m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(21)}+4m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(20)}$$
$$-2m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(10)}+2m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(11)}-2m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(10)}$$
$$+6m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(21)}-2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{102}^{(11)}-2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{021}^{(20)}$$
$$-2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{012}^{(10)}+2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(21)}-6m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(20)}$$
$$+2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(10)}+2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{012}^{(00)}-2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(11)}$$
$$+2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{021}^{(00)}-2m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(21)}-2m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(11)}$$
$$+2m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(00)}m_{030}^{(20)}+2m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(00)}m_{021}^{(10)}+2m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(21)}$$
$$-2m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(20)}+2m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(10)}-2m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(00)}$$
$$-2m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(11)}+4m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(10)}-2m_{010}^{(20)}m_{001}^{(21)}m_{101}^{(20)}m_{030}^{(00)}$$
$$-4m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(21)}+2m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(20)}+2m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{102}^{(10)}$$
$$+2m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(20)}-2m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{102}^{(00)}+2m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(10)}$$
$$-2m_{010}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{111}^{(00)}+2m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(21)}+2m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{201}^{(11)}$$
$$-2m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{120}^{(20)}-2m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(10)}-2m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(21)}$$
$$+2m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(20)}-2m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(10)}+2m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(00)}$$
$$+2m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(20)}m_{300}^{(11)}-4m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(10)}+2m_{010}^{(20)}m_{001}^{(21)}m_{011}^{(20)}m_{120}^{(00)}$$
$$+m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(21)}-m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(00)}m_{021}^{(11)}+m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(21)}$$
$$-2m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{030}^{(20)}+m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(10)}-m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(20)}m_{120}^{(11)}$$
$$+m_{010}^{(20)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(10)}-2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(21)}+2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{021}^{(10)}$$
$$-2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(21)}+4m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(20)}-2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{021}^{(00)}$$
$$+2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(20)}m_{210}^{(11)}-2m_{010}^{(20)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(10)}+2m_{010}^{(20)}m_{001}^{(22)}m_{101}^{(00)}m_{120}^{(11)}$$
$$-2m_{010}^{(20)}m_{001}^{(22)}m_{101}^{(00)}m_{030}^{(10)}-2m_{010}^{(20)}m_{001}^{(22)}m_{101}^{(10)}m_{120}^{(10)}+2m_{010}^{(20)}m_{001}^{(22)}m_{101}^{(10)}m_{030}^{(00)}$$
$$+m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(21)}+m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{201}^{(11)}-2m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(10)}$$
$$+m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(21)}-2m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(20)}-m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(10)}$$
$$+2m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{111}^{(00)}-m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(20)}m_{300}^{(11)}+m_{010}^{(20)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(10)}$$
$$-2m_{010}^{(20)}m_{001}^{(22)}m_{011}^{(00)}m_{210}^{(11)}+2m_{010}^{(20)}m_{001}^{(22)}m_{011}^{(00)}m_{120}^{(10)}+2m_{010}^{(20)}m_{001}^{(22)}m_{011}^{(10)}m_{210}^{(10)}$$
$$-2m_{010}^{(20)}m_{001}^{(22)}m_{011}^{(10)}m_{120}^{(00)}+2m_{010}^{(21)}m_{001}^{(00)}m_{200}^{(10)}m_{120}^{(22)}-2m_{010}^{(21)}m_{001}^{(00)}m_{200}^{(20)}m_{021}^{(21)}$$
$$-2m_{010}^{(21)}m_{001}^{(00)}m_{200}^{(20)}m_{012}^{(11)}+2m_{010}^{(21)}m_{001}^{(00)}m_{200}^{(20)}m_{111}^{(10)}-2m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(10)}m_{111}^{(22)}$$
$$+2m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(10)}m_{102}^{(21)}+2m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{111}^{(21)}-2m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{102}^{(11)}$$
$$-2m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(10)}m_{120}^{(22)}+2m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(10)}m_{111}^{(21)}+2m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(20)}m_{120}^{(21)}$$
$$-2m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(20)}m_{111}^{(11)}-2m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(00)}m_{102}^{(21)}+m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(00)}m_{012}^{(20)}$$
$$+m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(00)}m_{003}^{(10)}+m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(10)}m_{102}^{(20)}-m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(10)}m_{003}^{(00)}$$
$$+m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(20)}m_{102}^{(10)}-m_{010}^{(21)}m_{001}^{(00)}m_{020}^{(20)}m_{012}^{(00)}+4m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(00)}m_{111}^{(21)}$$
$$-2m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(00)}m_{021}^{(20)}-2m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(00)}m_{012}^{(10)}+2m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{210}^{(22)}$$
$$-2m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{201}^{(21)}-2m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(20)}+2m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{012}^{(10)}$$
$$-2m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{210}^{(21)}+2m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{201}^{(11)}-2m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(10)}$$
$$+2m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(00)}-2m_{010}^{(21)}m_{001}^{(00)}m_{002}^{(00)}m_{120}^{(21)}+m_{010}^{(21)}m_{001}^{(00)}m_{002}^{(00)}m_{030}^{(20)}$$

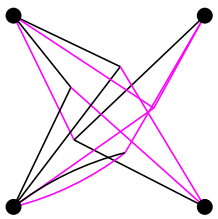
$$+m_{010}^{(21)}m_{001}^{(00)}m_{002}^{(00)}m_{021}^{(10)}+m_{010}^{(21)}m_{001}^{(00)}m_{002}^{(10)}m_{120}^{(20)}-m_{010}^{(21)}m_{001}^{(00)}m_{002}^{(10)}m_{021}^{(00)}$$
$$+m_{010}^{(21)}m_{001}^{(00)}m_{002}^{(20)}m_{120}^{(10)}-m_{010}^{(21)}m_{001}^{(00)}m_{002}^{(20)}m_{030}^{(00)}-2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(00)}m_{021}^{(22)}$$
$$+2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(00)}m_{012}^{(21)}-2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(10)}m_{111}^{(22)}+2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(10)}m_{012}^{(20)}$$
$$+2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{111}^{(21)}+2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{021}^{(20)}-4m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{012}^{(10)}$$
$$+2m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(00)}m_{111}^{(22)}+2m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(00)}m_{102}^{(21)}-2m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(00)}m_{012}^{(20)}$$
$$-2m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(00)}m_{003}^{(10)}+2m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{201}^{(22)}-4m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(20)}$$
$$+2m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{003}^{(00)}-2m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{201}^{(21)}-2m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(20)}$$
$$+2m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{102}^{(10)}+2m_{010}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(00)}+2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{120}^{(22)}$$
$$-6m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{111}^{(21)}+2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{021}^{(20)}+2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{012}^{(10)}$$
$$+2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{210}^{(22)}-2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(00)}-2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{210}^{(21)}$$
$$-2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{120}^{(20)}+6m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(10)}-2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(00)}$$
$$-2m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{210}^{(22)}-2m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{201}^{(21)}+2m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{111}^{(20)}$$
$$+2m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{102}^{(10)}-2m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{300}^{(22)}+4m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(20)}$$
$$-2m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{102}^{(00)}+2m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{300}^{(21)}+2m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{210}^{(20)}$$
$$-2m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{201}^{(10)}-2m_{010}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(00)}+4m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(00)}m_{210}^{(21)}$$
$$-2m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(00)}m_{120}^{(20)}-2m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(00)}m_{111}^{(10)}-2m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{210}^{(20)}$$
$$+2m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(00)}-2m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(20)}m_{210}^{(10)}+2m_{010}^{(21)}m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(00)}$$
$$+2m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(00)}m_{111}^{(22)}-2m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(00)}m_{102}^{(21)}-m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(00)}m_{012}^{(20)}$$
$$+m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(00)}m_{003}^{(10)}+m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{102}^{(20)}-m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{003}^{(00)}$$
$$-2m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{111}^{(20)}+m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{102}^{(10)}+m_{010}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(00)}$$
$$-2m_{010}^{(21)}m_{001}^{(11)}m_{110}^{(00)}m_{201}^{(22)}+2m_{010}^{(21)}m_{001}^{(11)}m_{110}^{(00)}m_{102}^{(20)}+2m_{010}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{201}^{(20)}$$
$$-2m_{010}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(00)}-2m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{210}^{(22)}+4m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{201}^{(21)}$$
$$-2m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{102}^{(10)}-2m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(20)}+2m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(00)}$$
$$+2m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{210}^{(20)}-2m_{010}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{201}^{(10)}+2m_{010}^{(21)}m_{001}^{(11)}m_{011}^{(00)}m_{300}^{(22)}$$
$$-2m_{010}^{(21)}m_{001}^{(11)}m_{011}^{(00)}m_{201}^{(20)}-2m_{010}^{(21)}m_{001}^{(11)}m_{011}^{(20)}m_{300}^{(20)}+2m_{010}^{(21)}m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(00)}$$
$$-2m_{010}^{(21)}m_{001}^{(11)}m_{002}^{(00)}m_{300}^{(21)}+m_{010}^{(21)}m_{001}^{(11)}m_{002}^{(00)}m_{210}^{(20)}+m_{010}^{(21)}m_{001}^{(11)}m_{002}^{(00)}m_{201}^{(10)}$$
$$+m_{010}^{(21)}m_{001}^{(11)}m_{002}^{(10)}m_{300}^{(20)}-m_{010}^{(21)}m_{001}^{(11)}m_{002}^{(10)}m_{201}^{(00)}+m_{010}^{(21)}m_{001}^{(11)}m_{002}^{(20)}m_{300}^{(10)}$$
$$-m_{010}^{(21)}m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(00)}+2m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(00)}m_{021}^{(21)}-2m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(00)}m_{012}^{(11)}$$
$$+2m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{111}^{(21)}-4m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(20)}+2m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{012}^{(10)}$$
$$-2m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{111}^{(11)}+2m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{021}^{(10)}-6m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{111}^{(21)}$$
$$+2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{102}^{(11)}+2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{021}^{(20)}+2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{012}^{(10)}$$
$$-2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{201}^{(21)}+6m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(20)}-2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{102}^{(10)}$$
$$-2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(00)}+2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{201}^{(11)}-2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(00)}$$
$$+2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(00)}m_{120}^{(21)}+2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(00)}m_{111}^{(11)}-2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(00)}m_{030}^{(20)}$$
$$-2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(00)}m_{021}^{(10)}-2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{210}^{(21)}+2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(20)}$$
$$-2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(10)}+2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(00)}+2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(20)}m_{210}^{(11)}$$
$$-4m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(10)}+2m_{010}^{(21)}m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(00)}+4m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{201}^{(21)}$$
$$-2m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(20)}-2m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{102}^{(10)}-2m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(20)}$$

$$
\begin{aligned}
&+2m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(00)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{201}^{(10)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(00)}\\
&-2m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{210}^{(21)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{201}^{(11)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(20)}\\
&+2m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{111}^{(10)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{300}^{(21)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(20)}\\
&+2m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(10)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(00)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(20)}m_{300}^{(11)}\\
&+4m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(10)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(00)} - 2m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(00)}m_{120}^{(21)}\\
&+2m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(00)}m_{111}^{(11)} + m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(20)} - m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(00)}m_{021}^{(10)}\\
&+m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(20)} - 2m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{111}^{(10)} + m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(20)}m_{120}^{(10)} - m_{010}^{(21)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(00)} + 4m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{210}^{(21)}\\
&-2m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{201}^{(11)} - 2m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(20)} - 2m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(20)}\\
&+2m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{201}^{(10)} - 2m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(20)}m_{210}^{(10)} + 2m_{010}^{(21)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(00)}\\
&-2m_{010}^{(21)}m_{001}^{(22)}m_{101}^{(00)}m_{210}^{(11)} + 2m_{010}^{(21)}m_{001}^{(22)}m_{101}^{(00)}m_{120}^{(10)} + 2m_{010}^{(21)}m_{001}^{(22)}m_{101}^{(10)}m_{210}^{(10)}\\
&-2m_{010}^{(21)}m_{001}^{(22)}m_{101}^{(10)}m_{120}^{(00)} - 2m_{010}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{300}^{(21)} + m_{010}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{210}^{(20)}\\
&+m_{010}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{201}^{(10)} + m_{010}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{300}^{(20)} - m_{010}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(22)}m_{020}^{(20)}m_{300}^{(10)} - m_{010}^{(21)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(00)} + 2m_{010}^{(21)}m_{001}^{(22)}m_{011}^{(00)}m_{300}^{(11)}\\
&-2m_{010}^{(21)}m_{001}^{(22)}m_{011}^{(00)}m_{210}^{(10)} - 2m_{010}^{(21)}m_{001}^{(22)}m_{011}^{(10)}m_{300}^{(10)} + 2m_{010}^{(21)}m_{001}^{(22)}m_{011}^{(10)}m_{210}^{(00)}\\
&-m_{010}^{(22)}m_{001}^{(00)}m_{200}^{(10)}m_{030}^{(22)} + m_{010}^{(22)}m_{001}^{(00)}m_{200}^{(10)}m_{021}^{(21)} + m_{010}^{(22)}m_{001}^{(00)}m_{200}^{(20)}m_{030}^{(21)}\\
&-m_{010}^{(22)}m_{001}^{(00)}m_{200}^{(20)}m_{021}^{(11)} + 2m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(10)}m_{120}^{(22)} - 2m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(10)}m_{111}^{(21)}\\
&-2m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(20)}m_{120}^{(21)} + 2m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(20)}m_{111}^{(11)} + m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(00)}m_{102}^{(11)}\\
&-m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(00)}m_{012}^{(10)} - m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(10)}m_{210}^{(22)} + m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(10)}m_{201}^{(21)}\\
&-m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(10)}m_{102}^{(10)} + m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(10)}m_{012}^{(00)} + m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(20)}m_{210}^{(21)}\\
&-m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(20)}m_{201}^{(11)} - 2m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(00)}m_{111}^{(11)} + 2m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(00)}m_{021}^{(10)}\\
&+2m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(10)} - 2m_{010}^{(22)}m_{001}^{(00)}m_{011}^{(10)}m_{021}^{(00)} + m_{010}^{(22)}m_{001}^{(00)}m_{002}^{(00)}m_{120}^{(11)}\\
&-m_{010}^{(22)}m_{001}^{(00)}m_{002}^{(00)}m_{030}^{(10)} - m_{010}^{(22)}m_{001}^{(00)}m_{002}^{(10)}m_{120}^{(10)} + m_{010}^{(22)}m_{001}^{(00)}m_{002}^{(10)}m_{030}^{(00)}\\
&+m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(00)}m_{030}^{(22)} - m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(00)}m_{021}^{(21)} + m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(10)}m_{120}^{(22)}\\
&-m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(10)}m_{021}^{(20)} - m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(20)}m_{120}^{(21)} - m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(20)}m_{030}^{(20)}\\
&+2m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(20)}m_{021}^{(10)} - 2m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(00)}m_{120}^{(22)} + 2m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(00)}m_{111}^{(21)}\\
&-2m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(00)}m_{102}^{(11)} + 2m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(00)}m_{012}^{(10)} - 2m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{210}^{(22)}\\
&+2m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{111}^{(20)} + 2m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(10)} - 2m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(00)}\\
&+2m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(20)}m_{210}^{(21)} + 2m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(20)}m_{120}^{(20)} - 4m_{010}^{(22)}m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(10)}\\
&+2m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(00)}m_{111}^{(11)} - 2m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(00)}m_{021}^{(10)} - 2m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(10)}\\
&+2m_{010}^{(22)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(00)} + m_{010}^{(22)}m_{001}^{(10)}m_{020}^{(00)}m_{210}^{(22)} - m_{010}^{(22)}m_{001}^{(10)}m_{020}^{(00)}m_{201}^{(21)}\\
&+m_{010}^{(22)}m_{001}^{(10)}m_{020}^{(10)}m_{300}^{(22)} - m_{010}^{(22)}m_{001}^{(10)}m_{020}^{(10)}m_{201}^{(20)} - m_{010}^{(22)}m_{001}^{(10)}m_{020}^{(20)}m_{300}^{(21)}\\
&-m_{010}^{(22)}m_{001}^{(10)}m_{020}^{(20)}m_{210}^{(20)} + 2m_{010}^{(22)}m_{001}^{(10)}m_{020}^{(20)}m_{201}^{(10)} + 2m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(00)}m_{201}^{(11)}\\
&-2m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(00)}m_{111}^{(10)} - 2m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(10)} + 2m_{010}^{(22)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(00)}\\
&-2m_{010}^{(22)}m_{001}^{(10)}m_{002}^{(00)}m_{210}^{(11)} + 2m_{010}^{(22)}m_{001}^{(10)}m_{002}^{(00)}m_{120}^{(10)} + 2m_{010}^{(22)}m_{001}^{(10)}m_{002}^{(10)}m_{210}^{(10)}\\
&-2m_{010}^{(22)}m_{001}^{(10)}m_{002}^{(10)}m_{120}^{(00)} - m_{010}^{(22)}m_{001}^{(11)}m_{200}^{(00)}m_{120}^{(22)} + m_{010}^{(22)}m_{001}^{(11)}m_{200}^{(00)}m_{102}^{(11)}\\
&+m_{010}^{(22)}m_{001}^{(11)}m_{200}^{(00)}m_{021}^{(20)} - m_{010}^{(22)}m_{001}^{(11)}m_{200}^{(00)}m_{012}^{(10)} - m_{010}^{(22)}m_{001}^{(11)}m_{200}^{(10)}m_{102}^{(10)}\\
&+m_{010}^{(22)}m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(00)} + m_{010}^{(22)}m_{001}^{(11)}m_{200}^{(20)}m_{120}^{(20)} - m_{010}^{(22)}m_{001}^{(11)}m_{200}^{(20)}m_{021}^{(00)}
\end{aligned}
$$

$$
\begin{aligned}
&+2m_{010}^{(22)}m_{001}^{(11)}m_{110}^{(00)}m_{210}^{(22)} - 2m_{010}^{(22)}m_{001}^{(11)}m_{110}^{(00)}m_{111}^{(20)} - 2m_{010}^{(22)}m_{001}^{(11)}m_{110}^{(20)}m_{210}^{(20)}\\
&+2m_{010}^{(22)}m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(00)} - 2m_{010}^{(22)}m_{001}^{(11)}m_{101}^{(00)}m_{201}^{(11)} + 2m_{010}^{(22)}m_{001}^{(11)}m_{101}^{(00)}m_{111}^{(10)}\\
&+2m_{010}^{(22)}m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(10)} - 2m_{010}^{(22)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(00)} - m_{010}^{(22)}m_{001}^{(11)}m_{020}^{(00)}m_{300}^{(22)}\\
&+m_{010}^{(22)}m_{001}^{(11)}m_{020}^{(00)}m_{201}^{(20)} + m_{010}^{(22)}m_{001}^{(11)}m_{020}^{(20)}m_{300}^{(20)} - m_{010}^{(22)}m_{001}^{(11)}m_{020}^{(20)}m_{201}^{(00)}\\
&+m_{010}^{(22)}m_{001}^{(11)}m_{002}^{(00)}m_{300}^{(11)} - m_{010}^{(22)}m_{001}^{(11)}m_{002}^{(00)}m_{210}^{(10)} - m_{010}^{(22)}m_{001}^{(11)}m_{002}^{(10)}m_{300}^{(10)}\\
&+m_{010}^{(22)}m_{001}^{(11)}m_{002}^{(10)}m_{210}^{(00)} - m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(00)}m_{030}^{(21)} + m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(00)}m_{021}^{(11)}\\
&-m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(10)}m_{120}^{(21)} + 2m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(10)}m_{030}^{(20)} - m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(10)}\\
&+m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(20)}m_{120}^{(11)} - m_{010}^{(22)}m_{001}^{(20)}m_{200}^{(20)}m_{030}^{(10)} + 2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(00)}m_{120}^{(21)}\\
&-2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(00)}m_{021}^{(10)} + 2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{210}^{(21)} - 4m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{120}^{(20)}\\
&+2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{021}^{(00)} - 2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(20)}m_{210}^{(11)} + 2m_{010}^{(22)}m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(10)}\\
&-2m_{010}^{(22)}m_{001}^{(20)}m_{101}^{(00)}m_{120}^{(11)} + 2m_{010}^{(22)}m_{001}^{(20)}m_{101}^{(00)}m_{030}^{(10)} + 2m_{010}^{(22)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(10)}\\
&-2m_{010}^{(22)}m_{001}^{(20)}m_{101}^{(10)}m_{030}^{(00)} - m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{210}^{(21)} - m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{201}^{(11)}\\
&+2m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{111}^{(10)} - m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{300}^{(21)} + 2m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{210}^{(20)}\\
&+m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(10)} - 2m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(00)} + m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(20)}m_{300}^{(11)}\\
&-m_{010}^{(22)}m_{001}^{(20)}m_{020}^{(20)}m_{210}^{(10)} + 2m_{010}^{(22)}m_{001}^{(20)}m_{011}^{(00)}m_{210}^{(11)} - 2m_{010}^{(22)}m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(10)}\\
&-2m_{010}^{(22)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(10)} + 2m_{010}^{(22)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(00)} + 2m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(00)}m_{120}^{(21)}\\
&-2m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(00)}m_{111}^{(11)} - m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(00)}m_{030}^{(20)} + m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(10)}\\
&-m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{120}^{(20)} + 2m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(10)} - m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(00)}\\
&-m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(20)}m_{120}^{(10)} + m_{010}^{(22)}m_{001}^{(21)}m_{200}^{(20)}m_{030}^{(00)} - 4m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{210}^{(21)}\\
&+2m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{201}^{(11)} + 2m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{120}^{(20)} + 2m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{210}^{(20)}\\
&-2m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(10)} + 2m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(10)} - 2m_{010}^{(22)}m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(00)}\\
&+2m_{010}^{(22)}m_{001}^{(21)}m_{101}^{(00)}m_{210}^{(11)} - 2m_{010}^{(22)}m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(10)} - 2m_{010}^{(22)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(10)}\\
&+2m_{010}^{(22)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(00)} + 2m_{010}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{300}^{(21)} - m_{010}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{210}^{(20)}\\
&-m_{010}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{201}^{(10)} - m_{010}^{(22)}m_{001}^{(21)}m_{020}^{(10)}m_{300}^{(20)} + m_{010}^{(22)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(00)}\\
&-m_{010}^{(22)}m_{001}^{(21)}m_{020}^{(20)}m_{300}^{(10)} + m_{010}^{(22)}m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(00)} - 2m_{010}^{(22)}m_{001}^{(21)}m_{011}^{(00)}m_{300}^{(11)}\\
&+2m_{010}^{(22)}m_{001}^{(21)}m_{011}^{(00)}m_{210}^{(10)} + 2m_{010}^{(22)}m_{001}^{(21)}m_{011}^{(10)}m_{300}^{(10)} - 2m_{010}^{(22)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccccc}
V1 & V1 & 1 & 1 & V2\\
1 & V2 & 2 & 2 & 3\\
V3 & V3 & V4 & V4 & 4
\end{array}
$$



$$
\begin{aligned}
T_{106} \;=\;& m_{100}^{(00)} m_{010}^{(21)} m_{011}^{(00)} m_{021}^{(22)} - 2m_{100}^{(00)} m_{010}^{(21)} m_{011}^{(00)} m_{012}^{(21)} + m_{100}^{(00)} m_{010}^{(21)} m_{011}^{(00)} m_{003}^{(11)} \\
& -2m_{100}^{(00)} m_{010}^{(21)} m_{011}^{(10)} m_{111}^{(22)} + 2m_{100}^{(00)} m_{010}^{(21)} m_{011}^{(10)} m_{102}^{(21)} + 2m_{100}^{(00)} m_{010}^{(21)} m_{011}^{(10)} m_{012}^{(20)} \\
& -2m_{100}^{(00)} m_{010}^{(21)} m_{011}^{(10)} m_{003}^{(10)} + m_{100}^{(00)} m_{010}^{(21)} m_{011}^{(11)} m_{201}^{(22)} - 2m_{100}^{(00)} m_{010}^{(21)} m_{011}^{(11)} m_{102}^{(20)} \\
& +m_{100}^{(00)} m_{010}^{(21)} m_{011}^{(11)} m_{003}^{(00)} + 2m_{100}^{(00)} m_{010}^{(21)} m_{011}^{(20)} m_{111}^{(21)} - 2m_{100}^{(00)} m_{010}^{(21)} m_{011}^{(20)} m_{102}^{(11)} \\
& -2m_{100}^{(00)} m_{010}^{(21)} m_{011}^{(20)} m_{021}^{(20)} + 2m_{100}^{(00)} m_{010}^{(21)} m_{011}^{(20)} m_{012}^{(10)} - 2m_{100}^{(00)} m_{010}^{(21)} m_{011}^{(21)} m_{201}^{(21)} \\
& +2m_{100}^{(00)} m_{010}^{(21)} m_{011}^{(21)} m_{111}^{(20)} + 2m_{100}^{(00)} m_{010}^{(21)} m_{011}^{(21)} m_{102}^{(10)} - 2m_{100}^{(00)} m_{010}^{(21)} m_{011}^{(21)} m_{012}^{(00)} \\
& +m_{100}^{(00)} m_{010}^{(21)} m_{011}^{(22)} m_{201}^{(11)} - 2m_{100}^{(00)} m_{010}^{(21)} m_{011}^{(22)} m_{111}^{(10)} + m_{100}^{(00)} m_{010}^{(21)} m_{011}^{(22)} m_{021}^{(00)} \\
& -m_{100}^{(00)} m_{010}^{(21)} m_{002}^{(00)} m_{030}^{(22)} + 2m_{100}^{(00)} m_{010}^{(21)} m_{002}^{(00)} m_{021}^{(21)} - m_{100}^{(00)} m_{010}^{(21)} m_{002}^{(00)} m_{012}^{(11)} \\
& +2m_{100}^{(00)} m_{010}^{(21)} m_{002}^{(10)} m_{120}^{(22)} - 2m_{100}^{(00)} m_{010}^{(21)} m_{002}^{(10)} m_{111}^{(21)} - 2m_{100}^{(00)} m_{010}^{(21)} m_{002}^{(10)} m_{021}^{(20)} \\
& +2m_{100}^{(00)} m_{010}^{(21)} m_{002}^{(10)} m_{012}^{(10)} - m_{100}^{(00)} m_{010}^{(21)} m_{002}^{(11)} m_{210}^{(22)} + 2m_{100}^{(00)} m_{010}^{(21)} m_{002}^{(11)} m_{111}^{(20)} \\
& -m_{100}^{(00)} m_{010}^{(21)} m_{002}^{(11)} m_{012}^{(00)} - 2m_{100}^{(00)} m_{010}^{(21)} m_{002}^{(20)} m_{120}^{(21)} + 2m_{100}^{(00)} m_{010}^{(21)} m_{002}^{(20)} m_{111}^{(11)} \\
& +2m_{100}^{(00)} m_{010}^{(21)} m_{002}^{(20)} m_{030}^{(20)} - 2m_{100}^{(00)} m_{010}^{(21)} m_{002}^{(20)} m_{021}^{(10)} + 2m_{100}^{(00)} m_{010}^{(21)} m_{002}^{(21)} m_{210}^{(21)} \\
& -2m_{100}^{(00)} m_{010}^{(21)} m_{002}^{(21)} m_{120}^{(20)} - 2m_{100}^{(00)} m_{010}^{(21)} m_{002}^{(21)} m_{111}^{(10)} + 2m_{100}^{(00)} m_{010}^{(21)} m_{002}^{(21)} m_{021}^{(00)} \\
& -m_{100}^{(00)} m_{010}^{(21)} m_{002}^{(22)} m_{210}^{(11)} + 2m_{100}^{(00)} m_{010}^{(21)} m_{002}^{(22)} m_{120}^{(10)} - m_{100}^{(00)} m_{010}^{(21)} m_{002}^{(22)} m_{030}^{(00)} \\
& -m_{100}^{(00)} m_{010}^{(22)} m_{020}^{(00)} m_{021}^{(22)} + 2m_{100}^{(00)} m_{010}^{(22)} m_{020}^{(00)} m_{012}^{(21)} - m_{100}^{(00)} m_{010}^{(22)} m_{020}^{(00)} m_{003}^{(11)} \\
& +2m_{100}^{(00)} m_{010}^{(22)} m_{020}^{(10)} m_{111}^{(22)} - 2m_{100}^{(00)} m_{010}^{(22)} m_{020}^{(10)} m_{102}^{(21)} - 2m_{100}^{(00)} m_{010}^{(22)} m_{020}^{(10)} m_{012}^{(20)} \\
& +2m_{100}^{(00)} m_{010}^{(22)} m_{020}^{(10)} m_{003}^{(10)} - m_{100}^{(00)} m_{010}^{(22)} m_{020}^{(11)} m_{201}^{(22)} + 2m_{100}^{(00)} m_{010}^{(22)} m_{020}^{(11)} m_{102}^{(20)} \\
& -m_{100}^{(00)} m_{010}^{(22)} m_{020}^{(11)} m_{003}^{(00)} - 2m_{100}^{(00)} m_{010}^{(22)} m_{020}^{(20)} m_{111}^{(21)} + 2m_{100}^{(00)} m_{010}^{(22)} m_{020}^{(20)} m_{102}^{(11)} \\
& +2m_{100}^{(00)} m_{010}^{(22)} m_{020}^{(20)} m_{021}^{(20)} - 2m_{100}^{(00)} m_{010}^{(22)} m_{020}^{(20)} m_{012}^{(10)} + 2m_{100}^{(00)} m_{010}^{(22)} m_{020}^{(21)} m_{201}^{(21)} \\
& -2m_{100}^{(00)} m_{010}^{(22)} m_{020}^{(21)} m_{111}^{(20)} - 2m_{100}^{(00)} m_{010}^{(22)} m_{020}^{(21)} m_{102}^{(10)} + 2m_{100}^{(00)} m_{010}^{(22)} m_{020}^{(21)} m_{012}^{(00)} \\
& -m_{100}^{(00)} m_{010}^{(22)} m_{020}^{(22)} m_{201}^{(11)} + 2m_{100}^{(00)} m_{010}^{(22)} m_{020}^{(22)} m_{111}^{(10)} - m_{100}^{(00)} m_{010}^{(22)} m_{020}^{(22)} m_{021}^{(00)} \\
& +m_{100}^{(00)} m_{010}^{(22)} m_{011}^{(00)} m_{030}^{(22)} - 2m_{100}^{(00)} m_{010}^{(22)} m_{011}^{(00)} m_{021}^{(21)} + m_{100}^{(00)} m_{010}^{(22)} m_{011}^{(00)} m_{012}^{(11)} \\
& -2m_{100}^{(00)} m_{010}^{(22)} m_{011}^{(10)} m_{120}^{(22)} + 2m_{100}^{(00)} m_{010}^{(22)} m_{011}^{(10)} m_{111}^{(21)} + 2m_{100}^{(00)} m_{010}^{(22)} m_{011}^{(10)} m_{021}^{(20)} \\
& -2m_{100}^{(00)} m_{010}^{(22)} m_{011}^{(10)} m_{012}^{(10)} + m_{100}^{(00)} m_{010}^{(22)} m_{011}^{(11)} m_{210}^{(22)} - 2m_{100}^{(00)} m_{010}^{(22)} m_{011}^{(11)} m_{111}^{(20)} \\
& +m_{100}^{(00)} m_{010}^{(22)} m_{011}^{(11)} m_{012}^{(00)} + 2m_{100}^{(00)} m_{010}^{(22)} m_{011}^{(20)} m_{120}^{(21)} - 2m_{100}^{(00)} m_{010}^{(22)} m_{011}^{(20)} m_{111}^{(11)} \\
& -2m_{100}^{(00)} m_{010}^{(22)} m_{011}^{(20)} m_{030}^{(20)} + 2m_{100}^{(00)} m_{010}^{(22)} m_{011}^{(20)} m_{021}^{(10)} - 2m_{100}^{(00)} m_{010}^{(22)} m_{011}^{(21)} m_{210}^{(21)} \\
& +2m_{100}^{(00)} m_{010}^{(22)} m_{011}^{(21)} m_{120}^{(20)} + 2m_{100}^{(00)} m_{010}^{(22)} m_{011}^{(21)} m_{111}^{(10)} - 2m_{100}^{(00)} m_{010}^{(22)} m_{011}^{(21)} m_{021}^{(00)} \\
& +m_{100}^{(00)} m_{010}^{(22)} m_{011}^{(22)} m_{210}^{(11)} - 2m_{100}^{(00)} m_{010}^{(22)} m_{011}^{(22)} m_{120}^{(10)} + m_{100}^{(00)} m_{010}^{(22)} m_{011}^{(22)} m_{030}^{(00)} \\
& -m_{100}^{(00)} m_{001}^{(11)} m_{011}^{(00)} m_{021}^{(22)} + 2m_{100}^{(00)} m_{001}^{(11)} m_{011}^{(00)} m_{012}^{(21)} - m_{100}^{(00)} m_{001}^{(11)} m_{011}^{(00)} m_{003}^{(11)} \\
& +2m_{100}^{(00)} m_{001}^{(11)} m_{011}^{(10)} m_{111}^{(22)} - 2m_{100}^{(00)} m_{001}^{(11)} m_{011}^{(10)} m_{102}^{(21)} - 2m_{100}^{(00)} m_{001}^{(11)} m_{011}^{(10)} m_{012}^{(20)} \\
& +2m_{100}^{(00)} m_{001}^{(11)} m_{011}^{(10)} m_{003}^{(10)} - m_{100}^{(00)} m_{001}^{(11)} m_{011}^{(11)} m_{201}^{(22)} + 2m_{100}^{(00)} m_{001}^{(11)} m_{011}^{(11)} m_{102}^{(20)} \\
& -m_{100}^{(00)} m_{001}^{(11)} m_{011}^{(11)} m_{003}^{(00)} - 2m_{100}^{(00)} m_{001}^{(11)} m_{011}^{(20)} m_{111}^{(21)} + 2m_{100}^{(00)} m_{001}^{(11)} m_{011}^{(20)} m_{102}^{(11)} \\
& +2m_{100}^{(00)} m_{001}^{(11)} m_{011}^{(20)} m_{021}^{(20)} - 2m_{100}^{(00)} m_{001}^{(11)} m_{011}^{(20)} m_{012}^{(10)} + 2m_{100}^{(00)} m_{001}^{(11)} m_{011}^{(21)} m_{201}^{(21)} \\
& -2m_{100}^{(00)} m_{001}^{(11)} m_{011}^{(21)} m_{111}^{(20)} - 2m_{100}^{(00)} m_{001}^{(11)} m_{011}^{(21)} m_{102}^{(10)} + 2m_{100}^{(00)} m_{001}^{(11)} m_{011}^{(21)} m_{012}^{(00)} \\
& -m_{100}^{(00)} m_{001}^{(11)} m_{011}^{(22)} m_{201}^{(11)} + 2m_{100}^{(00)} m_{001}^{(11)} m_{011}^{(22)} m_{111}^{(10)} - m_{100}^{(00)} m_{001}^{(11)} m_{011}^{(22)} m_{021}^{(00)} \\
& +m_{100}^{(00)} m_{001}^{(11)} m_{002}^{(00)} m_{030}^{(22)} - 2m_{100}^{(00)} m_{001}^{(11)} m_{002}^{(00)} m_{021}^{(21)} + m_{100}^{(00)} m_{001}^{(11)} m_{002}^{(00)} m_{012}^{(11)} \\
& -2m_{100}^{(00)} m_{001}^{(11)} m_{002}^{(10)} m_{120}^{(22)} + 2m_{100}^{(00)} m_{001}^{(11)} m_{002}^{(10)} m_{111}^{(21)} + 2m_{100}^{(00)} m_{001}^{(11)} m_{002}^{(10)} m_{021}^{(20)} \\
& -2m_{100}^{(00)} m_{001}^{(11)} m_{002}^{(10)} m_{012}^{(10)} + m_{100}^{(00)} m_{001}^{(11)} m_{002}^{(11)} m_{210}^{(22)} - 2m_{100}^{(00)} m_{001}^{(11)} m_{002}^{(11)} m_{111}^{(20)}
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&+m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(11)}m_{012}^{(00)}+2m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(20)}m_{120}^{(21)}-2m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(20)}m_{111}^{(11)}\\
&-2m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(20)}m_{030}^{(20)}+2m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(20)}m_{021}^{(10)}-2m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{210}^{(21)}\\
&+2m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{120}^{(20)}+2m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{111}^{(10)}-2m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{021}^{(00)}\\
&+m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(22)}m_{210}^{(11)}-2m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(22)}m_{120}^{(10)}+m_{100}^{(00)}m_{001}^{(11)}m_{002}^{(22)}m_{030}^{(00)}\\
&+m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(00)}m_{021}^{(22)}-2m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(00)}m_{012}^{(21)}+m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(00)}m_{003}^{(11)}\\
&-2m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{111}^{(22)}+2m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{102}^{(21)}+2m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{012}^{(20)}\\
&-2m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{003}^{(10)}+m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(11)}m_{201}^{(22)}-2m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(11)}m_{102}^{(20)}\\
&+m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(11)}m_{003}^{(00)}+2m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{111}^{(21)}-2m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{102}^{(11)}\\
&-2m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{021}^{(20)}+2m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{012}^{(10)}-2m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{201}^{(21)}\\
&+2m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{111}^{(20)}+2m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{102}^{(10)}-2m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{012}^{(00)}\\
&+m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{201}^{(11)}-2m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{111}^{(10)}+m_{100}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{021}^{(00)}\\
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&+2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{120}^{(22)}-2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(21)}-2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{021}^{(20)}\\
&+2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{012}^{(10)}-m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{210}^{(22)}+2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{111}^{(20)}\\
&-m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{012}^{(00)}-2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{120}^{(21)}+2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{111}^{(11)}\\
&+2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{030}^{(20)}-2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{021}^{(10)}+2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(21)}\\
&-2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{120}^{(20)}-2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{111}^{(10)}+2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{021}^{(00)}\\
&-m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(22)}m_{210}^{(11)}+2m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(22)}m_{120}^{(10)}-m_{100}^{(00)}m_{001}^{(21)}m_{011}^{(22)}m_{030}^{(00)}\\
&-m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(00)}m_{021}^{(22)}+2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(00)}m_{012}^{(21)}-m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(00)}m_{003}^{(11)}\\
&+2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(22)}-2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{102}^{(21)}-2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{012}^{(20)}\\
&+2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{003}^{(10)}-m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(11)}m_{201}^{(22)}+2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(11)}m_{102}^{(20)}\\
&-m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(11)}m_{003}^{(00)}-2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(21)}+2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{102}^{(11)}\\
&+2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{021}^{(20)}-2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{012}^{(10)}+2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{201}^{(21)}\\
&-2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(20)}-2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{102}^{(10)}+2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{012}^{(00)}\\
&-m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{201}^{(11)}+2m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{111}^{(10)}-m_{100}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{021}^{(00)}\\
&+m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(00)}m_{030}^{(22)}-2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(00)}m_{021}^{(21)}+m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(00)}m_{012}^{(11)}\\
&-2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{120}^{(22)}+2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{111}^{(21)}+2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{021}^{(20)}\\
&-2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{012}^{(10)}+m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(11)}m_{210}^{(22)}-2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(11)}m_{111}^{(20)}\\
&+m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(11)}m_{012}^{(00)}+2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{120}^{(21)}-2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{111}^{(11)}\\
&-2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{030}^{(20)}+2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{021}^{(10)}-2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{210}^{(21)}\\
&+2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{120}^{(20)}+2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{111}^{(10)}-2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{021}^{(00)}\\
&+m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(22)}m_{210}^{(11)}-2m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(22)}m_{120}^{(10)}+m_{100}^{(10)}m_{010}^{(20)}m_{002}^{(22)}m_{030}^{(00)}\\
&-m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(00)}m_{021}^{(22)}+2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(00)}m_{012}^{(21)}-m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(00)}m_{003}^{(11)}\\
&+2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(22)}-2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{102}^{(21)}-2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{012}^{(20)}\\
&+2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{003}^{(10)}-m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(11)}m_{201}^{(22)}+2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(11)}m_{102}^{(20)}\\
&-m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(11)}m_{003}^{(00)}-2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(21)}+2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{102}^{(11)}\\
&+2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{021}^{(20)}-2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{012}^{(10)}+2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{201}^{(21)}\\
&-2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(20)}-2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{102}^{(10)}+2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{012}^{(00)}
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&-m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{201}^{(11)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{111}^{(10)} - m_{100}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{021}^{(00)}\\
&+m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(00)}m_{120}^{(22)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(00)}m_{111}^{(21)} + m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(00)}m_{102}^{(11)}\\
&-2m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{210}^{(22)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{201}^{(21)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{111}^{(20)}\\
&-2m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{102}^{(10)} + m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(11)}m_{300}^{(22)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(11)}m_{201}^{(20)}\\
&+m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(11)}m_{102}^{(00)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{210}^{(21)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{201}^{(11)}\\
&-2m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{120}^{(20)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{111}^{(10)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{300}^{(21)}\\
&+2m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{210}^{(20)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{201}^{(10)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{111}^{(00)}\\
&+m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(22)}m_{300}^{(11)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(22)}m_{210}^{(10)} + m_{100}^{(10)}m_{010}^{(21)}m_{002}^{(22)}m_{120}^{(00)}\\
&+2m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(00)}m_{021}^{(22)} - 4m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(00)}m_{012}^{(21)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(00)}m_{003}^{(11)}\\
&-4m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(22)} + 4m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{102}^{(21)} + 4m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{012}^{(20)}\\
&-4m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{003}^{(10)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(11)}m_{201}^{(22)} - 4m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(11)}m_{102}^{(20)}\\
&+2m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(11)}m_{003}^{(00)} + 4m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(21)} - 4m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{102}^{(11)}\\
&-4m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{021}^{(20)} + 4m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{012}^{(10)} - 4m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(21)}\\
&+4m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(20)} + 4m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{102}^{(10)} - 4m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{012}^{(00)}\\
&+2m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(22)}m_{201}^{(11)} - 4m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(22)}m_{111}^{(10)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{110}^{(22)}m_{021}^{(00)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(00)}m_{030}^{(22)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(00)}m_{021}^{(21)} - m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(00)}m_{012}^{(11)}\\
&+2m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{120}^{(22)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(21)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{021}^{(20)}\\
&+2m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{012}^{(10)} - m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(11)}m_{210}^{(22)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(11)}m_{111}^{(20)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(11)}m_{012}^{(00)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(21)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{111}^{(11)}\\
&+2m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{030}^{(20)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{021}^{(10)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(21)}\\
&-2m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{120}^{(20)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{111}^{(10)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{021}^{(00)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(22)}m_{210}^{(11)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(22)}m_{120}^{(10)} - m_{100}^{(10)}m_{010}^{(22)}m_{101}^{(22)}m_{030}^{(00)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{120}^{(22)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{111}^{(21)} - m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{102}^{(11)}\\
&+2m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{210}^{(22)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{201}^{(21)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{111}^{(20)}\\
&+2m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{102}^{(10)} - m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(11)}m_{300}^{(22)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(11)}m_{201}^{(20)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(11)}m_{102}^{(00)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{210}^{(21)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{201}^{(11)}\\
&+2m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{120}^{(20)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{111}^{(10)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(21)}m_{300}^{(21)}\\
&-2m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(21)}m_{210}^{(20)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(21)}m_{201}^{(10)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(21)}m_{111}^{(00)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(22)}m_{300}^{(11)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(22)}m_{210}^{(10)} - m_{100}^{(10)}m_{010}^{(22)}m_{011}^{(22)}m_{120}^{(00)}\\
&+2m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{021}^{(22)} - 4m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{012}^{(21)} + 2m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{003}^{(11)}\\
&-4m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(22)} + 4m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(21)} + 4m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{012}^{(20)}\\
&-4m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{003}^{(10)} + 2m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(11)}m_{201}^{(22)} - 4m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(11)}m_{102}^{(20)}\\
&+2m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(11)}m_{003}^{(00)} + 4m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(21)} - 4m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{102}^{(11)}\\
&-4m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{021}^{(20)} + 4m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{012}^{(10)} - 4m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(21)}\\
&+4m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(20)} + 4m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{102}^{(10)} - 4m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{012}^{(00)}\\
&+2m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{201}^{(11)} - 4m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{111}^{(10)} + 2m_{100}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{021}^{(00)}\\
&-2m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(00)}m_{120}^{(22)} + 4m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(00)}m_{111}^{(21)} - 2m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(00)}m_{102}^{(11)}\\
&+4m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{210}^{(22)} - 4m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{201}^{(21)} - 4m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{111}^{(20)}
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&+4m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{102}^{(10)} - 2m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(11)}m_{300}^{(22)} + 4m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(11)}m_{201}^{(20)}\\
&-2m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(11)}m_{102}^{(00)} - 4m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(21)} + 4m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{201}^{(11)}\\
&+4m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{120}^{(20)} - 4m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{111}^{(10)} + 4m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(21)}m_{300}^{(21)}\\
&-4m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(21)}m_{210}^{(20)} - 4m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(21)}m_{201}^{(10)} + 4m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(21)}m_{111}^{(00)}\\
&-2m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(22)}m_{300}^{(11)} + 4m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(22)}m_{210}^{(10)} - 2m_{100}^{(10)}m_{001}^{(11)}m_{002}^{(22)}m_{120}^{(00)}\\
&+m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{021}^{(22)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{012}^{(21)} + m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{003}^{(11)}\\
&-2m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(22)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(21)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{012}^{(20)}\\
&-2m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{003}^{(10)} + m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(22)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(11)}m_{102}^{(20)}\\
&+m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(11)}m_{003}^{(00)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(21)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{102}^{(11)}\\
&-2m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{021}^{(20)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{012}^{(10)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(21)}\\
&+2m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(20)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{102}^{(10)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{012}^{(00)}\\
&+m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(22)}m_{201}^{(11)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(22)}m_{111}^{(10)} + m_{100}^{(10)}m_{001}^{(20)}m_{020}^{(22)}m_{021}^{(00)}\\
&-m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{030}^{(22)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{021}^{(21)} - m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{012}^{(11)}\\
&+2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{120}^{(22)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(21)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{021}^{(20)}\\
&+2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{012}^{(10)} - m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{210}^{(22)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{111}^{(20)}\\
&-m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{012}^{(00)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(21)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{111}^{(11)}\\
&+2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{030}^{(20)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{021}^{(10)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(21)}\\
&-2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(20)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{111}^{(10)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{021}^{(00)}\\
&-m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(22)}m_{210}^{(11)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(22)}m_{120}^{(10)} - m_{100}^{(10)}m_{001}^{(20)}m_{011}^{(22)}m_{030}^{(00)}\\
&-3m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{021}^{(22)} + 6m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{012}^{(21)} - 3m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{003}^{(11)}\\
&+6m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(22)} - 6m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(21)} - 6m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{012}^{(20)}\\
&+6m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{003}^{(10)} - 3m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(22)} + 6m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(11)}m_{102}^{(20)}\\
&-3m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(11)}m_{003}^{(00)} - 6m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(21)} + 6m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{102}^{(11)}\\
&+6m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{021}^{(20)} - 6m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{012}^{(10)} + 6m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(21)}\\
&-6m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(20)} - 6m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{102}^{(10)} + 6m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{012}^{(00)}\\
&-3m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{201}^{(11)} + 6m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{111}^{(10)} - 3m_{100}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{021}^{(00)}\\
&+3m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{120}^{(22)} - 6m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{111}^{(21)} + 3m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{102}^{(11)}\\
&-6m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{210}^{(22)} + 6m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{201}^{(21)} + 6m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{111}^{(20)}\\
&-6m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{102}^{(10)} + 3m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(11)}m_{300}^{(22)} - 6m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(11)}m_{201}^{(20)}\\
&+3m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(11)}m_{102}^{(00)} + 6m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(21)} - 6m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{201}^{(11)}\\
&-6m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{120}^{(20)} + 6m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{111}^{(10)} - 6m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(21)}\\
&+6m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{210}^{(20)} + 6m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{201}^{(10)} - 6m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{111}^{(00)}\\
&+3m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(22)}m_{300}^{(11)} - 6m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(22)}m_{210}^{(10)} + 3m_{100}^{(10)}m_{001}^{(21)}m_{011}^{(22)}m_{120}^{(00)}\\
&+m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{030}^{(22)} - 2m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{021}^{(21)} + m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{012}^{(11)}\\
&-2m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(22)} + 2m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(21)} + 2m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{021}^{(20)}\\
&-2m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{012}^{(10)} + m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(22)} - 2m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{111}^{(20)}\\
&+m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{012}^{(00)} + 2m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(21)} - 2m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{111}^{(11)}\\
&-2m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{030}^{(20)} + 2m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{021}^{(10)} - 2m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(21)}
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&+2m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{120}^{(20)} + 2m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{111}^{(10)} - 2m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{021}^{(00)}\\
&+m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(22)}m_{210}^{(11)} - 2m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(22)}m_{120}^{(10)} + m_{100}^{(10)}m_{001}^{(22)}m_{110}^{(22)}m_{030}^{(00)}\\
&-m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{120}^{(22)} + 2m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(21)} - m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{102}^{(11)}\\
&+2m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(22)} - 2m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(21)} - 2m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{111}^{(20)}\\
&+2m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{102}^{(10)} - m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(22)} + 2m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(11)}m_{201}^{(20)}\\
&-m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(11)}m_{102}^{(00)} - 2m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(21)} + 2m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{201}^{(11)}\\
&+2m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{120}^{(20)} - 2m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{111}^{(10)} + 2m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(21)}\\
&-2m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(21)}m_{210}^{(20)} - 2m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(21)}m_{201}^{(10)} + 2m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(21)}m_{111}^{(00)}\\
&-m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(22)}m_{300}^{(11)} + 2m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(22)}m_{210}^{(10)} - m_{100}^{(10)}m_{001}^{(22)}m_{020}^{(22)}m_{120}^{(00)}\\
&+m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(00)}m_{021}^{(22)} - 2m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(00)}m_{012}^{(21)} + m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(00)}m_{003}^{(11)}\\
&-2m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(10)}m_{111}^{(22)} + 2m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(10)}m_{102}^{(21)} + 2m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(10)}m_{012}^{(20)}\\
&-2m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(10)}m_{003}^{(10)} + m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(11)}m_{201}^{(22)} - 2m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(11)}m_{102}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(11)}m_{003}^{(00)} + 2m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{111}^{(21)} - 2m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{102}^{(11)}\\
&-2m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{021}^{(20)} + 2m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{012}^{(10)} - 2m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(21)}m_{201}^{(21)}\\
&+2m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(21)}m_{111}^{(20)} + 2m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(21)}m_{102}^{(10)} - 2m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(21)}m_{012}^{(00)}\\
&+m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(22)}m_{201}^{(11)} - 2m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(22)}m_{111}^{(10)} + m_{100}^{(11)}m_{010}^{(20)}m_{101}^{(22)}m_{021}^{(00)}\\
&-m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(00)}m_{120}^{(22)} + 2m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(00)}m_{111}^{(21)} - m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(00)}m_{102}^{(11)}\\
&+2m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(10)}m_{210}^{(22)} - 2m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(10)}m_{201}^{(21)} - 2m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(10)}m_{111}^{(20)}\\
&+2m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(10)}m_{102}^{(10)} - m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(11)}m_{300}^{(22)} + 2m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(11)}m_{201}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(11)}m_{102}^{(00)} - 2m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(20)}m_{210}^{(21)} + 2m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(20)}m_{201}^{(11)}\\
&+2m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(20)}m_{120}^{(20)} - 2m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(20)}m_{111}^{(10)} + 2m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(21)}m_{300}^{(21)}\\
&-2m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(21)}m_{210}^{(20)} - 2m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(21)}m_{201}^{(10)} + 2m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(21)}m_{111}^{(00)}\\
&-m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(22)}m_{300}^{(11)} + 2m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(22)}m_{210}^{(10)} - m_{100}^{(11)}m_{010}^{(20)}m_{002}^{(22)}m_{120}^{(00)}\\
&-m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(00)}m_{021}^{(22)} + 2m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(00)}m_{012}^{(21)} - m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(00)}m_{003}^{(11)}\\
&+2m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(10)}m_{111}^{(22)} - 2m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(10)}m_{102}^{(21)} - 2m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(10)}m_{012}^{(20)}\\
&+2m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(10)}m_{003}^{(10)} - m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(11)}m_{201}^{(22)} + 2m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(11)}m_{102}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(11)}m_{003}^{(00)} - 2m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(20)}m_{111}^{(21)} + 2m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(20)}m_{102}^{(11)}\\
&+2m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(20)} - 2m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(20)}m_{012}^{(10)} + 2m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(21)}m_{201}^{(21)}\\
&-2m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(21)}m_{111}^{(20)} - 2m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(21)}m_{102}^{(10)} + 2m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(21)}m_{012}^{(00)}\\
&-m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(22)}m_{201}^{(11)} + 2m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(22)}m_{111}^{(10)} - m_{100}^{(11)}m_{010}^{(22)}m_{200}^{(22)}m_{021}^{(00)}\\
&+m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(00)}m_{120}^{(22)} - 2m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(00)}m_{111}^{(21)} + m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(00)}m_{102}^{(11)}\\
&-2m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(10)}m_{210}^{(22)} + 2m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(10)}m_{201}^{(21)} + 2m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(10)}m_{111}^{(20)}\\
&-2m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(10)}m_{102}^{(10)} + m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(11)}m_{300}^{(22)} - 2m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(11)}m_{201}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(11)}m_{102}^{(00)} + 2m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(20)}m_{210}^{(21)} - 2m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(20)}m_{201}^{(11)}\\
&-2m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(20)}m_{120}^{(20)} + 2m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(20)}m_{111}^{(10)} - 2m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(21)}m_{300}^{(21)}\\
&+2m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(21)}m_{210}^{(20)} + 2m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(21)}m_{201}^{(10)} - 2m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(21)}m_{111}^{(00)}\\
&+m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(22)}m_{300}^{(11)} - 2m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(22)}m_{210}^{(10)} + m_{100}^{(11)}m_{010}^{(22)}m_{101}^{(22)}m_{120}^{(00)}\\
&+m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(00)}m_{021}^{(22)} - 2m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(00)}m_{012}^{(21)} + m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(00)}m_{003}^{(11)}
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&-2m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(22)} + 2m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(10)}m_{102}^{(21)} + 2m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(20)}\\
&-2m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(10)}m_{003}^{(10)} + m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(11)}m_{201}^{(22)} - 2m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(11)}m_{102}^{(20)}\\
&+m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(11)}m_{003}^{(00)} + 2m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(21)} - 2m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{102}^{(11)}\\
&-2m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(20)} + 2m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{012}^{(10)} - 2m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(21)}m_{201}^{(21)}\\
&+2m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(20)} + 2m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(21)}m_{102}^{(10)} - 2m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(21)}m_{012}^{(00)}\\
&+m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(22)}m_{201}^{(11)} - 2m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(22)}m_{111}^{(10)} + m_{100}^{(11)}m_{001}^{(00)}m_{011}^{(22)}m_{021}^{(00)}\\
&-m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(00)}m_{030}^{(22)} + 2m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(00)}m_{021}^{(21)} - m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(00)}m_{012}^{(11)}\\
&+2m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(10)}m_{120}^{(22)} - 2m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(10)}m_{111}^{(21)} - 2m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(10)}m_{021}^{(20)}\\
&+2m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(10)}m_{012}^{(10)} - m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(11)}m_{210}^{(22)} + 2m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(11)}m_{111}^{(20)}\\
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&+2m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(20)}m_{030}^{(20)} - 2m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(20)}m_{021}^{(10)} + 2m_{100}^{(11)}m_{001}^{(00)}m_{002}^{(21)}m_{210}^{(21)}\\
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&+4m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(22)} - 4m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{102}^{(21)} - 4m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(20)}\\
&+4m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{003}^{(10)} - 2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(11)}m_{201}^{(22)} + 4m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(11)}m_{102}^{(20)}\\
&-2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(11)}m_{003}^{(00)} - 4m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(21)} + 4m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{102}^{(11)}\\
&+4m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(20)} - 4m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{012}^{(10)} + 4m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{201}^{(21)}\\
&-4m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(20)} - 4m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{102}^{(10)} + 4m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{012}^{(00)}\\
&-2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{201}^{(11)} + 4m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{111}^{(10)} - 2m_{100}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{021}^{(00)}\\
&+2m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(00)}m_{120}^{(22)} - 4m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(00)}m_{111}^{(21)} + 2m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(00)}m_{102}^{(11)}\\
&-4m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{210}^{(22)} + 4m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{201}^{(21)} + 4m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{111}^{(20)}\\
&-4m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{102}^{(10)} + 2m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(11)}m_{300}^{(22)} - 4m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(11)}m_{201}^{(20)}\\
&+2m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(11)}m_{102}^{(00)} + 4m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{210}^{(21)} - 4m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{201}^{(11)}\\
&-4m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{120}^{(20)} + 4m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{111}^{(10)} - 4m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(21)}m_{300}^{(21)}\\
&+4m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(21)}m_{210}^{(20)} + 4m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(21)}m_{201}^{(10)} - 4m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(21)}m_{111}^{(00)}\\
&+2m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(22)}m_{300}^{(11)} - 4m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(22)}m_{210}^{(10)} + 2m_{100}^{(11)}m_{001}^{(10)}m_{002}^{(22)}m_{120}^{(00)}\\
&-m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(00)}m_{021}^{(22)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(00)}m_{012}^{(21)} - m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(00)}m_{003}^{(11)}\\
&+2m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(22)} - 2m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{102}^{(21)} - 2m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{012}^{(20)}\\
&+2m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{003}^{(10)} - m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(11)}m_{201}^{(22)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(11)}m_{102}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(11)}m_{003}^{(00)} - 2m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(21)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{102}^{(11)}\\
&+2m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(20)} - 2m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{012}^{(10)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{201}^{(21)}\\
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&+2m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{030}^{(22)} - 4m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{021}^{(21)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{012}^{(11)}\\
&-4m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(22)} + 4m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(21)} + 4m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(20)}\\
&-4m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{012}^{(10)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{210}^{(22)} - 4m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{111}^{(20)}\\
&+2m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{012}^{(00)} + 4m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(21)} - 4m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{111}^{(11)}
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&+4m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{120}^{(20)} + 4m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{111}^{(10)} - 4m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{021}^{(00)}\\
&+2m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(22)}m_{210}^{(11)} - 4m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(22)}m_{120}^{(10)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{101}^{(22)}m_{030}^{(00)}\\
&-m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{120}^{(22)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{111}^{(21)} - m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{102}^{(11)}\\
&+2m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{210}^{(22)} - 2m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{201}^{(21)} - 2m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{111}^{(20)}\\
&+2m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{102}^{(10)} - m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(11)}m_{300}^{(22)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(11)}m_{201}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(11)}m_{102}^{(00)} - 2m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{210}^{(21)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{201}^{(11)}\\
&+2m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(20)} - 2m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{111}^{(10)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{300}^{(21)}\\
&-2m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(20)} - 2m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{201}^{(10)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{111}^{(00)}\\
&-m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(22)}m_{300}^{(11)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(22)}m_{210}^{(10)} - m_{100}^{(11)}m_{001}^{(20)}m_{011}^{(22)}m_{120}^{(00)}\\
&+2m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(22)} - 4m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{012}^{(21)} + 2m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{003}^{(11)}\\
&-4m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(22)} + 4m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{102}^{(21)} + 4m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(20)}\\
&-4m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{003}^{(10)} + 2m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(11)}m_{201}^{(22)} - 4m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(11)}m_{102}^{(20)}\\
&+2m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(11)}m_{003}^{(00)} + 4m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(21)} - 4m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{102}^{(11)}\\
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&+4m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(20)} + 4m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{102}^{(10)} - 4m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{012}^{(00)}\\
&+2m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(22)}m_{201}^{(11)} - 4m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(22)}m_{111}^{(10)} + 2m_{100}^{(11)}m_{001}^{(21)}m_{200}^{(22)}m_{021}^{(00)}\\
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&+4m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(22)} - 4m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{201}^{(21)} - 4m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(20)}\\
&+4m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{102}^{(10)} - 2m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(11)}m_{300}^{(22)} + 4m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(20)}\\
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&+4m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(20)} - 4m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{111}^{(10)} + 4m_{100}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{300}^{(21)}\\
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&-m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(22)} + 2m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(00)}m_{021}^{(21)} - m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(00)}m_{012}^{(11)}\\
&+2m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(22)} - 2m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{111}^{(21)} - 2m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(20)}\\
&+2m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{012}^{(10)} - m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(11)}m_{210}^{(22)} + 2m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(11)}m_{012}^{(00)} - 2m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(20)}m_{120}^{(21)} + 2m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(20)}m_{111}^{(11)}\\
&+2m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(20)} - 2m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(20)}m_{021}^{(10)} + 2m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(21)}m_{210}^{(21)}\\
&-2m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(20)} - 2m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(21)}m_{111}^{(10)} + 2m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(21)}m_{021}^{(00)}\\
&-m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(22)}m_{210}^{(11)} + 2m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(22)}m_{120}^{(10)} - m_{100}^{(11)}m_{001}^{(22)}m_{200}^{(22)}m_{030}^{(00)}\\
&+m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(22)} - 2m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{111}^{(21)} + m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{102}^{(11)}\\
&-2m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(22)} + 2m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{201}^{(21)} + 2m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(20)}\\
&-2m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{102}^{(10)} + m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(11)}m_{300}^{(22)} - 2m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(11)}m_{201}^{(20)}\\
&+m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(11)}m_{102}^{(00)} + 2m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(20)}m_{210}^{(21)} - 2m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(20)}m_{201}^{(11)}\\
&-2m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(20)} + 2m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(20)}m_{111}^{(10)} - 2m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(21)}m_{300}^{(21)}\\
&+2m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(20)} + 2m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(21)}m_{201}^{(10)} - 2m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(21)}m_{111}^{(00)}\\
&+m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(22)}m_{300}^{(11)} - 2m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(22)}m_{210}^{(10)} + m_{100}^{(11)}m_{001}^{(22)}m_{110}^{(22)}m_{120}^{(00)}
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&+m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(00)}m_{021}^{(22)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(00)}m_{012}^{(21)} + m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(00)}m_{003}^{(11)}\\
&-2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{111}^{(22)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{102}^{(21)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{012}^{(20)}\\
&-2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{003}^{(10)} + m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(11)}m_{201}^{(22)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(11)}m_{102}^{(20)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(11)}m_{003}^{(00)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{111}^{(21)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{102}^{(11)}\\
&-2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{021}^{(20)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{012}^{(10)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{201}^{(21)}\\
&+2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{111}^{(20)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{102}^{(10)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{012}^{(00)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(22)}m_{201}^{(11)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(22)}m_{111}^{(10)} + m_{100}^{(20)}m_{010}^{(10)}m_{011}^{(22)}m_{021}^{(00)}\\
&-m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(00)}m_{030}^{(22)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(00)}m_{021}^{(21)} - m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(00)}m_{012}^{(11)}\\
&+2m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{120}^{(22)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{111}^{(21)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{021}^{(20)}\\
&+2m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{012}^{(10)} - m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(11)}m_{210}^{(22)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(11)}m_{111}^{(20)}\\
&-m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(11)}m_{012}^{(00)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(20)}m_{120}^{(21)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(20)}m_{111}^{(11)}\\
&+2m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(20)}m_{030}^{(20)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(20)}m_{021}^{(10)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(21)}m_{210}^{(21)}\\
&-2m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(21)}m_{120}^{(20)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(21)}m_{111}^{(10)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{002}^{(21)}m_{021}^{(00)}\\
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&+2m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(10)}m_{111}^{(22)} - 2m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(10)}m_{102}^{(21)} - 2m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(10)}m_{012}^{(20)}\\
&+2m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(10)}m_{003}^{(10)} - m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(11)}m_{201}^{(22)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{101}^{(11)}m_{102}^{(20)}\\
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&+m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(00)}m_{120}^{(22)} - 2m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(00)}m_{111}^{(21)} + m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(00)}m_{102}^{(11)}\\
&-2m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(10)}m_{210}^{(22)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(10)}m_{201}^{(21)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(10)}m_{111}^{(20)}\\
&-2m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(10)}m_{102}^{(10)} + m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(11)}m_{300}^{(22)} - 2m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(11)}m_{201}^{(20)}\\
&+m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(11)}m_{102}^{(00)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(20)}m_{210}^{(21)} - 2m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(20)}m_{201}^{(11)}\\
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&+2m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(21)}m_{210}^{(20)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(21)}m_{201}^{(10)} - 2m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(21)}m_{111}^{(00)}\\
&+m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(22)}m_{300}^{(11)} - 2m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(22)}m_{210}^{(10)} + m_{100}^{(20)}m_{010}^{(11)}m_{002}^{(22)}m_{120}^{(00)}\\
&+3m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(00)}m_{030}^{(22)} - 6m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(00)}m_{021}^{(21)} + 3m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(00)}m_{012}^{(11)}\\
&-6m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{120}^{(22)} + 6m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{111}^{(21)} + 6m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{021}^{(20)}\\
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&+3m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(11)}m_{012}^{(00)} + 6m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{120}^{(21)} - 6m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{111}^{(11)}\\
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&+6m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{120}^{(20)} + 6m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{111}^{(10)} - 6m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{021}^{(00)}\\
&+3m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(22)}m_{210}^{(11)} - 6m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(22)}m_{120}^{(10)} + 3m_{100}^{(20)}m_{010}^{(21)}m_{101}^{(22)}m_{030}^{(00)}\\
&-3m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{120}^{(22)} + 6m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{111}^{(21)} - 3m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{102}^{(11)}\\
&+6m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{210}^{(22)} - 6m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{201}^{(21)} - 6m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{111}^{(20)}\\
&+6m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{102}^{(10)} - 3m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(11)}m_{300}^{(22)} + 6m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(11)}m_{201}^{(20)}
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&+6m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{120}^{(20)} - 6m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{111}^{(10)} + 6m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{300}^{(21)}\\
&-6m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{210}^{(20)} - 6m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{201}^{(10)} + 6m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{111}^{(00)}\\
&-3m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(22)}m_{300}^{(11)} + 6m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(22)}m_{210}^{(10)} - 3m_{100}^{(20)}m_{010}^{(21)}m_{011}^{(22)}m_{120}^{(00)}\\
&-2m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(00)}m_{030}^{(22)} + 4m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(00)}m_{021}^{(21)} - 2m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(00)}m_{012}^{(11)}\\
&+4m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{120}^{(22)} - 4m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{111}^{(21)} - 4m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{021}^{(20)}\\
&+4m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{012}^{(10)} - 2m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(11)}m_{210}^{(22)} + 4m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(11)}m_{111}^{(20)}\\
&-2m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(11)}m_{012}^{(00)} - 4m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{120}^{(21)} + 4m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(11)}\\
&+4m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{030}^{(20)} - 4m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{021}^{(10)} + 4m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{210}^{(21)}\\
&-4m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{120}^{(20)} - 4m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(10)} + 4m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{021}^{(00)}\\
&-2m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(22)}m_{210}^{(11)} + 4m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(22)}m_{120}^{(10)} - 2m_{100}^{(20)}m_{010}^{(22)}m_{110}^{(22)}m_{030}^{(00)}\\
&+2m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(00)}m_{120}^{(22)} - 4m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(00)}m_{111}^{(21)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(00)}m_{102}^{(11)}\\
&-4m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(10)}m_{210}^{(22)} + 4m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(10)}m_{201}^{(21)} + 4m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(10)}m_{111}^{(20)}\\
&-4m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(10)}m_{102}^{(10)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(11)}m_{300}^{(22)} - 4m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(11)}m_{201}^{(20)}\\
&+2m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(11)}m_{102}^{(00)} + 4m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(20)}m_{210}^{(21)} - 4m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(20)}m_{201}^{(11)}\\
&-4m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(20)}m_{120}^{(20)} + 4m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(20)}m_{111}^{(10)} - 4m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(21)}m_{300}^{(21)}\\
&+4m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(21)}m_{210}^{(20)} + 4m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(21)}m_{201}^{(10)} - 4m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(21)}m_{111}^{(00)}\\
&+2m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(22)}m_{300}^{(11)} - 4m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(22)}m_{210}^{(10)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{020}^{(22)}m_{120}^{(00)}\\
&-m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(00)}m_{021}^{(22)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(00)}m_{012}^{(21)} - m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(00)}m_{003}^{(11)}\\
&+2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{111}^{(22)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{102}^{(21)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{012}^{(20)}\\
&+2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{003}^{(10)} - m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(11)}m_{201}^{(22)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(11)}m_{102}^{(20)}\\
&-m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(11)}m_{003}^{(00)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{111}^{(21)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{102}^{(11)}\\
&+2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{021}^{(20)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{012}^{(10)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{201}^{(21)}\\
&-2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{111}^{(20)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{102}^{(10)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{012}^{(00)}\\
&-m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(22)}m_{201}^{(11)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(22)}m_{111}^{(10)} - m_{100}^{(20)}m_{001}^{(10)}m_{020}^{(22)}m_{021}^{(00)}\\
&+m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(00)}m_{030}^{(22)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(00)}m_{021}^{(21)} + m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(00)}m_{012}^{(11)}\\
&-2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{120}^{(22)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(21)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{021}^{(20)}\\
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&+m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{012}^{(00)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{120}^{(21)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{111}^{(11)}\\
&-2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{030}^{(20)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{021}^{(10)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{210}^{(21)}\\
&+2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{120}^{(20)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{111}^{(10)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{021}^{(00)}\\
&+m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(22)}m_{210}^{(11)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(22)}m_{120}^{(10)} + m_{100}^{(20)}m_{001}^{(10)}m_{011}^{(22)}m_{030}^{(00)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(00)}m_{021}^{(22)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(00)}m_{012}^{(21)} + m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(00)}m_{003}^{(11)}\\
&-2m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(10)}m_{111}^{(22)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(10)}m_{102}^{(21)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(10)}m_{012}^{(20)}\\
&-2m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(10)}m_{003}^{(10)} + m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(11)}m_{201}^{(22)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(11)}m_{102}^{(20)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(11)}m_{003}^{(00)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{111}^{(21)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{102}^{(11)}\\
&-2m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{021}^{(20)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{012}^{(10)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{201}^{(21)}\\
&+2m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{111}^{(20)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{102}^{(10)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{012}^{(00)}
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&-2m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(00)}m_{030}^{(22)} + 4m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(00)}m_{021}^{(21)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(00)}m_{012}^{(11)}\\
&+4m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{120}^{(22)} - 4m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(21)} - 4m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{021}^{(20)}\\
&+4m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{012}^{(10)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(11)}m_{210}^{(22)} + 4m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(11)}m_{111}^{(20)}\\
&-2m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(11)}m_{012}^{(00)} - 4m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{120}^{(21)} + 4m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(11)}\\
&+4m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{030}^{(20)} - 4m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{021}^{(10)} + 4m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{210}^{(21)}\\
&-4m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{120}^{(20)} - 4m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(10)} + 4m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{021}^{(00)}\\
&-2m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(22)}m_{210}^{(11)} + 4m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(22)}m_{120}^{(10)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{101}^{(22)}m_{030}^{(00)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(00)}m_{120}^{(22)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(00)}m_{111}^{(21)} + m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(00)}m_{102}^{(11)}\\
&-2m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{210}^{(22)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{201}^{(21)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{111}^{(20)}\\
&-2m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{102}^{(10)} + m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(11)}m_{300}^{(22)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(11)}m_{201}^{(20)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(11)}m_{102}^{(00)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{210}^{(21)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{201}^{(11)}\\
&-2m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{120}^{(20)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{111}^{(10)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(21)}m_{300}^{(21)}\\
&+2m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(21)}m_{210}^{(20)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(21)}m_{201}^{(10)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(21)}m_{111}^{(00)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(22)}m_{300}^{(11)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(22)}m_{210}^{(10)} + m_{100}^{(20)}m_{001}^{(11)}m_{011}^{(22)}m_{120}^{(00)}\\
&+m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{030}^{(22)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{021}^{(21)} + m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{012}^{(11)}\\
&-2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{120}^{(22)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(21)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{021}^{(20)}\\
&-2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{012}^{(10)} + m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{210}^{(22)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{111}^{(20)}\\
&+m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{012}^{(00)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(21)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(11)}\\
&-2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{030}^{(20)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{021}^{(10)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(21)}\\
&+2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{120}^{(20)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(10)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{021}^{(00)}\\
&+m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(11)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(22)}m_{120}^{(10)} + m_{100}^{(20)}m_{001}^{(21)}m_{110}^{(22)}m_{030}^{(00)}\\
&-m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{120}^{(22)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{111}^{(21)} - m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{102}^{(11)}\\
&+2m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{210}^{(22)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{201}^{(21)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{111}^{(20)}\\
&+2m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{102}^{(10)} - m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(11)}m_{300}^{(22)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(11)}m_{201}^{(20)}\\
&-m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(11)}m_{102}^{(00)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{210}^{(21)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{201}^{(11)}\\
&+2m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{120}^{(20)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{111}^{(10)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{300}^{(21)}\\
&-2m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{210}^{(20)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{201}^{(10)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{111}^{(00)}\\
&-m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(22)}m_{300}^{(11)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(22)}m_{210}^{(10)} - m_{100}^{(20)}m_{001}^{(21)}m_{020}^{(22)}m_{120}^{(00)}\\
&-m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(00)}m_{021}^{(22)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(00)}m_{012}^{(21)} - m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(00)}m_{003}^{(11)}\\
&+2m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(10)}m_{111}^{(22)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(10)}m_{102}^{(21)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(10)}m_{012}^{(20)}\\
&+2m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(10)}m_{003}^{(10)} - m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(11)}m_{201}^{(22)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(11)}m_{102}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(11)}m_{003}^{(00)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(20)}m_{111}^{(21)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(20)}m_{102}^{(11)}\\
&+2m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(20)}m_{021}^{(20)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(20)}m_{012}^{(10)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(21)}m_{201}^{(21)}\\
&-2m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(21)}m_{111}^{(20)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(21)}m_{102}^{(10)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(21)}m_{012}^{(00)}\\
&-m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(22)}m_{201}^{(11)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(22)}m_{111}^{(10)} - m_{100}^{(21)}m_{010}^{(00)}m_{011}^{(22)}m_{021}^{(00)}\\
&+m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(00)}m_{030}^{(22)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(00)}m_{021}^{(21)} + m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(00)}m_{012}^{(11)}\\
&-2m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(10)}m_{120}^{(22)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(10)}m_{111}^{(21)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(10)}m_{021}^{(20)}
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&+m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(11)}m_{012}^{(00)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(20)}m_{120}^{(21)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(20)}m_{111}^{(11)}\\
&-2m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(20)}m_{030}^{(20)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(20)}m_{021}^{(10)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(21)}m_{210}^{(21)}\\
&+2m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(21)}m_{120}^{(20)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(21)}m_{111}^{(10)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(21)}m_{021}^{(00)}\\
&+m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(22)}m_{210}^{(11)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(22)}m_{120}^{(10)} + m_{100}^{(21)}m_{010}^{(00)}m_{002}^{(22)}m_{030}^{(00)}\\
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&-2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(10)}m_{111}^{(22)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(10)}m_{102}^{(21)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(10)}m_{012}^{(20)}\\
&-2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(10)}m_{003}^{(10)} + m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(11)}m_{201}^{(22)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(11)}m_{102}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(11)}m_{003}^{(00)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{111}^{(21)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{102}^{(11)}\\
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&+2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(20)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{102}^{(10)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{012}^{(00)}\\
&+m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(22)}m_{201}^{(11)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(22)}m_{111}^{(10)} + m_{100}^{(21)}m_{010}^{(10)}m_{101}^{(22)}m_{021}^{(00)}\\
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&+2m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{210}^{(22)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{201}^{(21)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{111}^{(20)}\\
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&+2m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(20)}m_{120}^{(20)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(20)}m_{111}^{(10)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(21)}m_{300}^{(21)}\\
&-2m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(21)}m_{210}^{(20)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(21)}m_{201}^{(10)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{002}^{(21)}m_{111}^{(00)}\\
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&-3m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(00)}m_{030}^{(22)} + 6m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(00)}m_{021}^{(21)} - 3m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(00)}m_{012}^{(11)}\\
&+6m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{120}^{(22)} - 6m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{111}^{(21)} - 6m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{021}^{(20)}\\
&+6m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{012}^{(10)} - 3m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(11)}m_{210}^{(22)} + 6m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(11)}m_{111}^{(20)}\\
&-3m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(11)}m_{012}^{(00)} - 6m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{120}^{(21)} + 6m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{111}^{(11)}\\
&+6m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{030}^{(20)} - 6m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{021}^{(10)} + 6m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{210}^{(21)}\\
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&-3m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(22)}m_{210}^{(11)} + 6m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(22)}m_{120}^{(10)} - 3m_{100}^{(21)}m_{010}^{(20)}m_{101}^{(22)}m_{030}^{(00)}\\
&+3m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{120}^{(22)} - 6m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{111}^{(21)} + 3m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{102}^{(11)}\\
&-6m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{210}^{(22)} + 6m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{201}^{(21)} + 6m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{111}^{(20)}\\
&-6m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{102}^{(10)} + 3m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(11)}m_{300}^{(22)} - 6m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(11)}m_{201}^{(20)}\\
&+3m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(11)}m_{102}^{(00)} + 6m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{210}^{(21)} - 6m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{201}^{(11)}\\
&-6m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{120}^{(20)} + 6m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{111}^{(10)} - 6m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(21)}m_{300}^{(21)}\\
&+6m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(21)}m_{210}^{(20)} + 6m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(21)}m_{201}^{(10)} - 6m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(21)}m_{111}^{(00)}\\
&+3m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(22)}m_{300}^{(11)} - 6m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(22)}m_{210}^{(10)} + 3m_{100}^{(21)}m_{010}^{(20)}m_{011}^{(22)}m_{120}^{(00)}\\
&+2m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(00)}m_{030}^{(22)} - 4m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(00)}m_{021}^{(21)} + 2m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(00)}m_{012}^{(11)}\\
&-4m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{120}^{(22)} + 4m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{111}^{(21)} + 4m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{021}^{(20)}\\
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&+2m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(11)}m_{012}^{(00)} + 4m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{120}^{(21)} - 4m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{111}^{(11)}\\
&-4m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{030}^{(20)} + 4m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{021}^{(10)} - 4m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{210}^{(21)}
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&+2m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(22)}m_{210}^{(11)} - 4m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(22)}m_{120}^{(10)} + 2m_{100}^{(21)}m_{010}^{(22)}m_{200}^{(22)}m_{030}^{(00)}\\
&-2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(00)}m_{120}^{(22)} + 4m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(00)}m_{111}^{(21)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(00)}m_{102}^{(11)}\\
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&+4m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{120}^{(20)} - 4m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{111}^{(10)} + 4m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(21)}m_{300}^{(21)}\\
&-4m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(21)}m_{210}^{(20)} - 4m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(21)}m_{201}^{(10)} + 4m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(21)}m_{111}^{(00)}\\
&-2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(22)}m_{300}^{(11)} + 4m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(22)}m_{210}^{(10)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{110}^{(22)}m_{120}^{(00)}\\
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&+2m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(10)}m_{111}^{(22)} - 2m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(10)}m_{102}^{(21)} - 2m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(10)}m_{012}^{(20)}\\
&+2m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(10)}m_{003}^{(10)} - m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(11)}m_{201}^{(22)} + 2m_{100}^{(21)}m_{001}^{(00)}m_{020}^{(11)}m_{102}^{(20)}\\
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&+2m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{120}^{(20)} + 2m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(10)} - 2m_{100}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{021}^{(00)}\\
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&+3m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(11)}m_{003}^{(00)} + 6m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(21)} - 6m_{100}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{102}^{(11)}\\
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&+6m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{120}^{(22)} - 6m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{201}^{(21)} - 6m_{100}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{111}^{(20)}\\
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&+4m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{003}^{(10)} - 2m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(11)}m_{201}^{(22)} + 4m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(11)}m_{102}^{(20)}\\
&-2m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(11)}m_{003}^{(00)} - 4m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{111}^{(21)} + 4m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{102}^{(11)}\\
&+4m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{021}^{(20)} - 4m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(10)} + 4m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{201}^{(21)}\\
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&-2m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(22)}m_{201}^{(11)} + 4m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(22)}m_{111}^{(10)} - 2m_{100}^{(21)}m_{001}^{(11)}m_{200}^{(22)}m_{021}^{(00)}\\
&+2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{120}^{(22)} - 4m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{111}^{(21)} + 2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{102}^{(11)}\\
&-4m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{210}^{(22)} + 4m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(21)} + 4m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(20)}\\
&-4m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(10)} + 2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(11)}m_{300}^{(22)} - 4m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(11)}m_{201}^{(20)}\\
&+2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(11)}m_{102}^{(00)} + 4m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{210}^{(21)} - 4m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{201}^{(11)}\\
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&+4m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{210}^{(20)} + 4m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(10)} - 4m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(00)}\\
&+2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(22)}m_{300}^{(11)} - 4m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(22)}m_{210}^{(10)} + 2m_{100}^{(21)}m_{001}^{(11)}m_{101}^{(22)}m_{120}^{(00)}\\
&-m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{030}^{(22)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{021}^{(21)} - m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{012}^{(11)}\\
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&+2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{030}^{(20)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{021}^{(10)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(21)}\\
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&-2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{210}^{(22)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{201}^{(21)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(20)}\\
&-2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(10)} + m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(11)}m_{300}^{(22)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(20)}\\
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&+2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(21)}m_{210}^{(20)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(10)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(21)}m_{111}^{(00)}\\
&+m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(22)}m_{300}^{(11)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(22)}m_{210}^{(10)} + m_{100}^{(21)}m_{001}^{(20)}m_{020}^{(22)}m_{120}^{(00)}\\
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&-2m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(20)}m_{021}^{(20)} + 2m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(20)}m_{012}^{(10)} - 2m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(21)}m_{201}^{(21)}\\
&+2m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(21)}m_{111}^{(20)} + 2m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(21)}m_{102}^{(10)} - 2m_{100}^{(22)}m_{010}^{(00)}m_{020}^{(21)}m_{012}^{(00)}\\
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&+m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(00)}m_{030}^{(22)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(00)}m_{021}^{(21)} + m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(00)}m_{012}^{(11)}\\
&-2m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(10)}m_{120}^{(22)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(10)}m_{111}^{(21)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(10)}m_{021}^{(20)}\\
&-2m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(10)}m_{012}^{(10)} + m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(11)}m_{210}^{(22)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(11)}m_{111}^{(20)}\\
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&-2m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(20)}m_{030}^{(20)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(20)}m_{021}^{(10)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(21)}m_{210}^{(21)}\\
&+2m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(21)}m_{120}^{(20)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(21)}m_{111}^{(10)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(21)}m_{021}^{(00)}\\
&+m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(22)}m_{210}^{(11)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(22)}m_{120}^{(10)} + m_{100}^{(22)}m_{010}^{(10)}m_{101}^{(22)}m_{030}^{(00)}\\
&+m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(00)}m_{120}^{(22)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(00)}m_{111}^{(21)} + m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(00)}m_{102}^{(11)}\\
&-2m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(10)}m_{210}^{(22)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(10)}m_{201}^{(21)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{011}^{(10)}m_{111}^{(20)}\\
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&-2m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(10)}m_{111}^{(22)} + 2m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(10)}m_{102}^{(21)} + 2m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(10)}m_{012}^{(20)}\\
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&+m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(22)}m_{201}^{(11)} - 2m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(22)}m_{111}^{(10)} + m_{100}^{(22)}m_{010}^{(11)}m_{200}^{(22)}m_{021}^{(00)}\\
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&+4m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(21)}m_{210}^{(20)} + 4m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(21)}m_{201}^{(10)} - 4m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(21)}m_{111}^{(00)}\\
&+2m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(22)}m_{300}^{(11)} - 4m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(22)}m_{210}^{(10)} + 2m_{100}^{(22)}m_{010}^{(21)}m_{110}^{(22)}m_{120}^{(00)}\\
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&+2m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(10)} - m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(11)}m_{210}^{(22)} + 2m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(11)}m_{111}^{(20)}\\
&-m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(11)}m_{012}^{(00)} - 2m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(20)}m_{120}^{(21)} + 2m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(11)}\\
&+2m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(20)}m_{030}^{(20)} - 2m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(10)} + 2m_{100}^{(22)}m_{001}^{(10)}m_{110}^{(21)}m_{210}^{(21)}\\
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&+m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(00)}m_{120}^{(22)} - 2m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(00)}m_{111}^{(21)} + m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(00)}m_{102}^{(11)}\\
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&+2m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(21)}m_{210}^{(20)} + 2m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(21)}m_{201}^{(10)} - 2m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(21)}m_{111}^{(00)}\\
&+m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(22)}m_{300}^{(11)} - 2m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(22)}m_{210}^{(10)} + m_{100}^{(22)}m_{001}^{(10)}m_{020}^{(22)}m_{120}^{(00)}\\
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&-m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(00)}m_{021}^{(22)} + 2m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(00)}m_{012}^{(21)} - m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(00)}m_{003}^{(11)}\\
&+2m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(22)} - 2m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(21)} - 2m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(10)}m_{012}^{(20)}\\
&+2m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(10)}m_{003}^{(10)} - m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(11)}m_{201}^{(22)} + 2m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(11)}m_{102}^{(20)}\\
&-m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(11)}m_{003}^{(00)} - 2m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(21)} + 2m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(20)}m_{102}^{(11)}\\
&+2m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(20)}m_{021}^{(20)} - 2m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(20)}m_{012}^{(10)} + 2m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(21)}\\
&-2m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(20)} - 2m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{102}^{(10)} + 2m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{012}^{(00)}
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&-m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(22)}m_{201}^{(11)} + 2m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(22)}m_{111}^{(10)} - m_{010}^{(00)}m_{001}^{(11)}m_{101}^{(22)}m_{021}^{(00)}\\
&+m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(00)}m_{120}^{(22)} - 2m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(00)}m_{111}^{(21)} + m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(00)}m_{102}^{(11)}\\
&-2m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(10)}m_{210}^{(22)} + 2m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(10)}m_{201}^{(21)} + 2m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(10)}m_{111}^{(20)}\\
&-2m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(10)}m_{102}^{(10)} + m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(11)}m_{300}^{(22)} - 2m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(11)}m_{201}^{(20)}\\
&+m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(11)}m_{102}^{(00)} + 2m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(20)}m_{210}^{(21)} - 2m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(20)}m_{201}^{(11)}\\
&-2m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(20)}m_{120}^{(20)} + 2m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(20)}m_{111}^{(10)} - 2m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{300}^{(21)}\\
&+2m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{210}^{(20)} + 2m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{201}^{(10)} - 2m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{111}^{(00)}\\
&+m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(22)}m_{300}^{(11)} - 2m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(22)}m_{210}^{(10)} + m_{010}^{(00)}m_{001}^{(11)}m_{002}^{(22)}m_{120}^{(00)}\\
&-2m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(00)}m_{021}^{(22)} + 4m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(00)}m_{012}^{(21)} - 2m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(00)}m_{003}^{(11)}\\
&+4m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{111}^{(22)} - 4m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{102}^{(21)} - 4m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{012}^{(20)}\\
&+4m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{003}^{(10)} - 2m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{201}^{(22)} + 4m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{102}^{(20)}\\
&-2m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{003}^{(00)} - 4m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{111}^{(21)} + 4m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{102}^{(11)}\\
&+4m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{021}^{(20)} - 4m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{012}^{(10)} + 4m_{010}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{201}^{(21)}\\
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&+2m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(00)}m_{030}^{(22)} - 4m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(00)}m_{021}^{(21)} + 2m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(00)}m_{012}^{(11)}\\
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&+2m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{012}^{(00)} + 4m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{120}^{(21)} - 4m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{111}^{(11)}\\
&-4m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{030}^{(20)} + 4m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{021}^{(10)} - 4m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{210}^{(21)}\\
&+4m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{120}^{(20)} + 4m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{111}^{(10)} - 4m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{021}^{(00)}\\
&+2m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(22)}m_{210}^{(11)} - 4m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(22)}m_{120}^{(10)} + 2m_{010}^{(00)}m_{001}^{(20)}m_{011}^{(22)}m_{030}^{(00)}\\
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&-2m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(22)} + 2m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(21)} + 2m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{012}^{(20)}\\
&-2m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{003}^{(10)} + m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(22)} - 2m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(11)}m_{102}^{(20)}\\
&+m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(11)}m_{003}^{(00)} + 2m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(21)} - 2m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{102}^{(11)}\\
&-2m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{021}^{(20)} + 2m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{012}^{(10)} - 2m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(21)}\\
&+2m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(20)} + 2m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{102}^{(10)} - 2m_{010}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{012}^{(00)}\\
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&-2m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{120}^{(22)} + 2m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(21)} + 2m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{021}^{(20)}\\
&-2m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{012}^{(10)} + m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{210}^{(22)} - 2m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{111}^{(20)}\\
&+m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{012}^{(00)} + 2m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(20)}m_{120}^{(21)} - 2m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(20)}m_{111}^{(11)}\\
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&+m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(22)}m_{210}^{(11)} - 2m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(22)}m_{120}^{(10)} + m_{010}^{(00)}m_{001}^{(21)}m_{101}^{(22)}m_{030}^{(00)}\\
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&-2m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{102}^{(00)} - 4m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{210}^{(21)} + 4m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{201}^{(11)}\\
&+4m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{120}^{(20)} - 4m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{111}^{(10)} + 4m_{010}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{300}^{(21)}\\
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&+2m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{120}^{(22)} - 2m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(21)} - 2m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{021}^{(20)}\\
&+2m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{012}^{(10)} - m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(11)}m_{210}^{(22)} + 2m_{010}^{(00)}m_{001}^{(22)}m_{110}^{(11)}m_{111}^{(20)}\\
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&+m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(00)}m_{120}^{(22)} - 2m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(00)}m_{111}^{(21)} + m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(00)}m_{102}^{(11)}\\
&-2m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(10)}m_{210}^{(22)} + 2m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(10)}m_{201}^{(21)} + 2m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(10)}m_{111}^{(20)}\\
&-2m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(10)}m_{102}^{(10)} + m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(11)}m_{300}^{(22)} - 2m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(11)}m_{201}^{(20)}\\
&+m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(11)}m_{102}^{(00)} + 2m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(20)}m_{210}^{(21)} - 2m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(20)}m_{201}^{(11)}\\
&-2m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(20)}m_{120}^{(20)} + 2m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(20)}m_{111}^{(10)} - 2m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(21)}m_{300}^{(21)}\\
&+2m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(21)}m_{210}^{(20)} + 2m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(21)}m_{201}^{(10)} - 2m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(21)}m_{111}^{(00)}\\
&+m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(22)}m_{300}^{(11)} - 2m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(22)}m_{210}^{(10)} + m_{010}^{(00)}m_{001}^{(22)}m_{020}^{(22)}m_{120}^{(00)}\\
&-2m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(00)}m_{021}^{(22)} + 4m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(00)}m_{012}^{(21)} - 2m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(00)}m_{003}^{(11)}\\
&+4m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(22)} - 4m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{102}^{(21)} - 4m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(20)}\\
&+4m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{003}^{(10)} - 2m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(11)}m_{201}^{(22)} + 4m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(11)}m_{102}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(11)}m_{003}^{(00)} - 4m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(21)} + 4m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{102}^{(11)}\\
&+4m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(20)} - 4m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{012}^{(10)} + 4m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{201}^{(21)}\\
&-4m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(20)} - 4m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{102}^{(10)} + 4m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{012}^{(00)}\\
&-2m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(22)}m_{201}^{(11)} + 4m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(22)}m_{111}^{(10)} - 2m_{010}^{(10)}m_{001}^{(00)}m_{011}^{(22)}m_{021}^{(00)}\\
&+2m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(00)}m_{030}^{(22)} - 4m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(00)}m_{021}^{(21)} + 2m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(00)}m_{012}^{(11)}\\
&-4m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{120}^{(22)} + 4m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{111}^{(21)} + 4m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{021}^{(20)}\\
&-4m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{012}^{(10)} + 2m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(11)}m_{210}^{(22)} - 4m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(11)}m_{111}^{(20)}\\
&+2m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(11)}m_{012}^{(00)} + 4m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(20)}m_{120}^{(21)} - 4m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(20)}m_{111}^{(11)}\\
&-4m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(20)}m_{030}^{(20)} + 4m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(20)}m_{021}^{(10)} - 4m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{210}^{(21)}\\
&+4m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{120}^{(20)} + 4m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{111}^{(10)} - 4m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{021}^{(00)}\\
&+2m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(22)}m_{210}^{(11)} - 4m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(22)}m_{120}^{(10)} + 2m_{010}^{(10)}m_{001}^{(00)}m_{002}^{(22)}m_{030}^{(00)}\\
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&+3m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{003}^{(00)} + 6m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(21)} - 6m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{102}^{(11)}\\
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&+3m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{201}^{(11)} - 6m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{111}^{(10)} + 3m_{010}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{021}^{(00)}\\
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&+6m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{120}^{(22)} - 6m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(21)} - 6m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{021}^{(20)}\\
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&+6m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{030}^{(20)} - 6m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{021}^{(10)} + 6m_{010}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{210}^{(21)}\\
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&+2m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{003}^{(10)} - m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{201}^{(22)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{102}^{(20)}\\
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&+2m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(20)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{012}^{(10)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{201}^{(21)}\\
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&+m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{120}^{(22)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{111}^{(21)} + m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{102}^{(11)}\\
&-2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{210}^{(22)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{201}^{(21)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{111}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{102}^{(10)} + m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{300}^{(22)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{201}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{102}^{(00)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{210}^{(21)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{201}^{(11)}\\
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&+2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{210}^{(20)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{201}^{(10)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{111}^{(00)}\\
&+m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(22)}m_{300}^{(11)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(22)}m_{210}^{(10)} + m_{010}^{(10)}m_{001}^{(21)}m_{101}^{(22)}m_{120}^{(00)}\\
&+m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(00)}m_{030}^{(22)} - 2m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(00)}m_{021}^{(21)} + m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(00)}m_{012}^{(11)}\\
&-2m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{120}^{(22)} + 2m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{111}^{(21)} + 2m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{021}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{012}^{(10)} + m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{210}^{(22)} - 2m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{111}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{012}^{(00)} + 2m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(20)}m_{120}^{(21)} - 2m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(20)}m_{111}^{(11)}\\
&-2m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(20)}m_{030}^{(20)} + 2m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(20)}m_{021}^{(10)} - 2m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{210}^{(21)}\\
&+2m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{120}^{(20)} + 2m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{111}^{(10)} - 2m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{021}^{(00)}\\
&+m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(22)}m_{210}^{(11)} - 2m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(22)}m_{120}^{(10)} + m_{010}^{(10)}m_{001}^{(22)}m_{200}^{(22)}m_{030}^{(00)}\\
&-m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{120}^{(22)} + 2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{111}^{(21)} - m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{102}^{(11)}\\
&+2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{210}^{(22)} - 2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{201}^{(21)} - 2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{111}^{(20)}\\
&+2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{102}^{(10)} - m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{300}^{(22)} + 2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{201}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{102}^{(00)} - 2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{210}^{(21)} + 2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{201}^{(11)}\\
&+2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{120}^{(20)} - 2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{111}^{(10)} + 2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{300}^{(21)}\\
&-2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{210}^{(20)} - 2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{201}^{(10)} + 2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{111}^{(00)}\\
&-m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(22)}m_{300}^{(11)} + 2m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(22)}m_{210}^{(10)} - m_{010}^{(10)}m_{001}^{(22)}m_{110}^{(22)}m_{120}^{(00)}\\
&+m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(00)}m_{021}^{(22)} - 2m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(00)}m_{012}^{(21)} + m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(00)}m_{003}^{(11)}
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&-2m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(10)}m_{111}^{(22)} + 2m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(10)}m_{102}^{(21)} + 2m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(10)}m_{012}^{(20)}\\
&-2m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(10)}m_{003}^{(10)} + m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(11)}m_{201}^{(22)} - 2m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(11)}m_{102}^{(20)}\\
&+m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(11)}m_{003}^{(00)} + 2m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{111}^{(21)} - 2m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{102}^{(11)}\\
&-2m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{021}^{(20)} + 2m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{012}^{(10)} - 2m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(21)}m_{201}^{(21)}\\
&+2m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(21)}m_{111}^{(20)} + 2m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(21)}m_{102}^{(10)} - 2m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(21)}m_{012}^{(00)}\\
&+m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(22)}m_{201}^{(11)} - 2m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(22)}m_{111}^{(10)} + m_{010}^{(11)}m_{001}^{(00)}m_{101}^{(22)}m_{021}^{(00)}\\
&-m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(00)}m_{120}^{(22)} + 2m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(00)}m_{111}^{(21)} - m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(00)}m_{102}^{(11)}\\
&+2m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(10)}m_{210}^{(22)} - 2m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(10)}m_{201}^{(21)} - 2m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(10)}m_{111}^{(20)}\\
&+2m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(10)}m_{102}^{(10)} - m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(11)}m_{300}^{(22)} + 2m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(11)}m_{201}^{(20)}\\
&-m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(11)}m_{102}^{(00)} - 2m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(20)}m_{210}^{(21)} + 2m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(20)}m_{201}^{(11)}\\
&+2m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(20)}m_{120}^{(20)} - 2m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(20)}m_{111}^{(10)} + 2m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(21)}m_{300}^{(21)}\\
&-2m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(21)}m_{210}^{(20)} - 2m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(21)}m_{201}^{(10)} + 2m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(21)}m_{111}^{(00)}\\
&-m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(22)}m_{300}^{(11)} + 2m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(22)}m_{210}^{(10)} - m_{010}^{(11)}m_{001}^{(00)}m_{002}^{(22)}m_{120}^{(00)}\\
&-m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(00)}m_{021}^{(22)} + 2m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(00)}m_{012}^{(21)} - m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(00)}m_{003}^{(11)}\\
&+2m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{111}^{(22)} - 2m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{102}^{(21)} - 2m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{012}^{(20)}\\
&+2m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{003}^{(10)} - m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(11)}m_{201}^{(22)} + 2m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(11)}m_{102}^{(20)}\\
&-m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(11)}m_{003}^{(00)} - 2m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{111}^{(21)} + 2m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{102}^{(11)}\\
&+2m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{021}^{(20)} - 2m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{012}^{(10)} + 2m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{201}^{(21)}\\
&-2m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{111}^{(20)} - 2m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{102}^{(10)} + 2m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{012}^{(00)}\\
&-m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(22)}m_{201}^{(11)} + 2m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(22)}m_{111}^{(10)} - m_{010}^{(11)}m_{001}^{(20)}m_{200}^{(22)}m_{021}^{(00)}\\
&+m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{120}^{(22)} - 2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{111}^{(21)} + m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{102}^{(11)}\\
&-2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{210}^{(22)} + 2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{201}^{(21)} + 2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{111}^{(20)}\\
&-2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{102}^{(10)} + m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{300}^{(22)} - 2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{201}^{(20)}\\
&+m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{102}^{(00)} + 2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{210}^{(21)} - 2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{201}^{(11)}\\
&-2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{120}^{(20)} + 2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{111}^{(10)} - 2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{300}^{(21)}\\
&+2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{210}^{(20)} + 2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{201}^{(10)} - 2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{111}^{(00)}\\
&+m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(22)}m_{300}^{(11)} - 2m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(22)}m_{210}^{(10)} + m_{010}^{(11)}m_{001}^{(20)}m_{101}^{(22)}m_{120}^{(00)}\\
&+2m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(00)}m_{021}^{(22)} - 4m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(00)}m_{012}^{(21)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(00)}m_{003}^{(11)}\\
&-4m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(10)}m_{111}^{(22)} + 4m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(10)}m_{102}^{(21)} + 4m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(10)}m_{012}^{(20)}\\
&-4m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(10)}m_{003}^{(10)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(11)}m_{201}^{(22)} - 4m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(11)}m_{102}^{(20)}\\
&+2m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(11)}m_{003}^{(00)} + 4m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(20)}m_{111}^{(21)} - 4m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(20)}m_{102}^{(11)}\\
&-4m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(20)}m_{021}^{(20)} + 4m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(20)}m_{012}^{(10)} - 4m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{201}^{(21)}\\
&+4m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{111}^{(20)} + 4m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{102}^{(10)} - 4m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{012}^{(00)}\\
&+2m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(22)}m_{201}^{(11)} - 4m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(22)}m_{111}^{(10)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{020}^{(22)}m_{021}^{(00)}\\
&-2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(00)}m_{030}^{(22)} + 4m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(00)}m_{021}^{(21)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(00)}m_{012}^{(11)}\\
&+4m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{120}^{(22)} - 4m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(21)} - 4m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{021}^{(20)}\\
&+4m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{012}^{(10)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{210}^{(22)} + 4m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{111}^{(20)}\\
&-2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{012}^{(00)} - 4m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(20)}m_{120}^{(21)} + 4m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(11)}
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&+4m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(20)}m_{030}^{(20)} - 4m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(20)}m_{021}^{(10)} + 4m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{210}^{(21)}\\
&-4m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{120}^{(20)} - 4m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(10)} + 4m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{021}^{(00)}\\
&-2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(22)}m_{210}^{(11)} + 4m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(22)}m_{120}^{(10)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{011}^{(22)}m_{030}^{(00)}\\
&-3m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(00)}m_{021}^{(22)} + 6m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(00)}m_{012}^{(21)} - 3m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(00)}m_{003}^{(11)}\\
&+6m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{111}^{(22)} - 6m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{102}^{(21)} - 6m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{012}^{(20)}\\
&+6m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{003}^{(10)} - 3m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(11)}m_{201}^{(22)} + 6m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(11)}m_{102}^{(20)}\\
&-3m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(11)}m_{003}^{(00)} - 6m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{111}^{(21)} + 6m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{102}^{(11)}\\
&+6m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{021}^{(20)} - 6m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{012}^{(10)} + 6m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{201}^{(21)}\\
&-6m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{111}^{(20)} - 6m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{102}^{(10)} + 6m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{012}^{(00)}\\
&-3m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{201}^{(11)} + 6m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{111}^{(10)} - 3m_{010}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{021}^{(00)}\\
&+3m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(00)}m_{030}^{(22)} - 6m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(00)}m_{021}^{(21)} + 3m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(00)}m_{012}^{(11)}\\
&-6m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{120}^{(22)} + 6m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(21)} + 6m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{021}^{(20)}\\
&-6m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{012}^{(10)} + 3m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{210}^{(22)} - 6m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{111}^{(20)}\\
&+3m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{012}^{(00)} + 6m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{120}^{(21)} - 6m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(11)}\\
&-6m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{030}^{(20)} + 6m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{021}^{(10)} - 6m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{210}^{(21)}\\
&+6m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{120}^{(20)} + 6m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(10)} - 6m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{021}^{(00)}\\
&+3m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(22)}m_{210}^{(11)} - 6m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(22)}m_{120}^{(10)} + 3m_{010}^{(20)}m_{001}^{(10)}m_{101}^{(22)}m_{030}^{(00)}\\
&+m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(00)}m_{021}^{(22)} - 2m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(00)}m_{012}^{(21)} + m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(00)}m_{003}^{(11)}\\
&-2m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(10)}m_{111}^{(22)} + 2m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(10)}m_{102}^{(21)} + 2m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(10)}m_{012}^{(20)}\\
&-2m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(10)}m_{003}^{(10)} + m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(11)}m_{201}^{(22)} - 2m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(11)}m_{102}^{(20)}\\
&+m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(11)}m_{003}^{(00)} + 2m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(20)}m_{111}^{(21)} - 2m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(20)}m_{102}^{(11)}\\
&-2m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(20)}m_{021}^{(20)} + 2m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(20)}m_{012}^{(10)} - 2m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(21)}m_{201}^{(21)}\\
&+2m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(21)}m_{111}^{(20)} + 2m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(21)}m_{102}^{(10)} - 2m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(21)}m_{012}^{(00)}\\
&+m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(22)}m_{201}^{(11)} - 2m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(22)}m_{111}^{(10)} + m_{010}^{(20)}m_{001}^{(11)}m_{200}^{(22)}m_{021}^{(00)}\\
&-m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(00)}m_{120}^{(22)} + 2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(00)}m_{111}^{(21)} - m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(00)}m_{102}^{(11)}\\
&+2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{210}^{(22)} - 2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{201}^{(21)} - 2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{111}^{(20)}\\
&+2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{102}^{(10)} - m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(11)}m_{300}^{(22)} + 2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(11)}m_{201}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(11)}m_{102}^{(00)} - 2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{210}^{(21)} + 2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{201}^{(11)}\\
&+2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{120}^{(20)} - 2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{111}^{(10)} + 2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{300}^{(21)}\\
&-2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{210}^{(20)} - 2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{201}^{(10)} + 2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{111}^{(00)}\\
&-m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(22)}m_{300}^{(11)} + 2m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(22)}m_{210}^{(10)} - m_{010}^{(20)}m_{001}^{(11)}m_{101}^{(22)}m_{120}^{(00)}\\
&-m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(00)}m_{030}^{(22)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(00)}m_{021}^{(21)} - m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(00)}m_{012}^{(11)}\\
&+2m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{120}^{(22)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{111}^{(21)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{021}^{(20)}\\
&+2m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{012}^{(10)} - m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{210}^{(22)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{111}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{012}^{(00)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{120}^{(21)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{111}^{(11)}\\
&+2m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{030}^{(20)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{021}^{(10)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{210}^{(21)}\\
&-2m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{120}^{(20)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{111}^{(10)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{021}^{(00)}\\
&-m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(22)}m_{210}^{(11)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(22)}m_{120}^{(10)} - m_{010}^{(20)}m_{001}^{(21)}m_{200}^{(22)}m_{030}^{(00)}
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&+m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{120}^{(22)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{111}^{(21)} + m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{102}^{(11)}\\
&-2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{210}^{(22)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{201}^{(21)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{111}^{(20)}\\
&-2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{102}^{(10)} + m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{300}^{(22)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{201}^{(20)}\\
&+m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{102}^{(00)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{210}^{(21)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{201}^{(11)}\\
&-2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{120}^{(20)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{111}^{(10)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{300}^{(21)}\\
&+2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{210}^{(20)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{201}^{(10)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{111}^{(00)}\\
&+m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(22)}m_{300}^{(11)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(22)}m_{210}^{(10)} + m_{010}^{(20)}m_{001}^{(21)}m_{110}^{(22)}m_{120}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(00)}m_{021}^{(22)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(00)}m_{012}^{(21)} - m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(00)}m_{003}^{(11)}\\
&+2m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(10)}m_{111}^{(22)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(10)}m_{102}^{(21)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(10)}m_{012}^{(20)}\\
&+2m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(10)}m_{003}^{(10)} - m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(11)}m_{201}^{(22)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(11)}m_{102}^{(20)}\\
&-m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(11)}m_{003}^{(00)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{111}^{(21)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{102}^{(11)}\\
&+2m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{021}^{(20)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{012}^{(10)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{201}^{(21)}\\
&-2m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{111}^{(20)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{102}^{(10)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{012}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(22)}m_{201}^{(11)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(22)}m_{111}^{(10)} - m_{010}^{(21)}m_{001}^{(00)}m_{110}^{(22)}m_{021}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(00)}m_{030}^{(22)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(00)}m_{021}^{(21)} - m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(00)}m_{012}^{(11)}\\
&+2m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(10)}m_{120}^{(22)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(10)}m_{111}^{(21)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(10)}m_{021}^{(20)}\\
&+2m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(10)}m_{012}^{(10)} - m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(11)}m_{210}^{(22)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(11)}m_{111}^{(20)}\\
&-m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(11)}m_{012}^{(00)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(20)}m_{120}^{(21)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(20)}m_{111}^{(11)}\\
&+2m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(20)}m_{030}^{(20)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(20)}m_{021}^{(10)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{210}^{(21)}\\
&-2m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{120}^{(20)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{111}^{(10)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{021}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(22)}m_{210}^{(11)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(22)}m_{120}^{(10)} - m_{010}^{(21)}m_{001}^{(00)}m_{101}^{(22)}m_{030}^{(00)}\\
&+2m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(00)}m_{120}^{(22)} - 4m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(00)}m_{111}^{(21)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(00)}m_{102}^{(11)}\\
&-4m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{210}^{(22)} + 4m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{201}^{(21)} + 4m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{111}^{(20)}\\
&-4m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{102}^{(10)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(11)}m_{300}^{(22)} - 4m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(11)}m_{201}^{(20)}\\
&+2m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(11)}m_{102}^{(00)} + 4m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{210}^{(21)} - 4m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{201}^{(11)}\\
&-4m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{120}^{(20)} + 4m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{111}^{(10)} - 4m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{300}^{(21)}\\
&+4m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{210}^{(20)} + 4m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{201}^{(10)} - 4m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{111}^{(00)}\\
&+2m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(22)}m_{300}^{(11)} - 4m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(22)}m_{210}^{(10)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{011}^{(22)}m_{120}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(00)}m_{021}^{(22)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(00)}m_{012}^{(21)} + m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(00)}m_{003}^{(11)}\\
&-2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(10)}m_{111}^{(22)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(10)}m_{102}^{(21)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(10)}m_{012}^{(20)}\\
&-2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(10)}m_{003}^{(10)} + m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(11)}m_{201}^{(22)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(11)}m_{102}^{(20)}\\
&+m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(11)}m_{003}^{(00)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{111}^{(21)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{102}^{(11)}\\
&-2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{021}^{(20)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{012}^{(10)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{201}^{(21)}\\
&+2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{111}^{(20)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{102}^{(10)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{012}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(22)}m_{201}^{(11)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(22)}m_{111}^{(10)} + m_{010}^{(21)}m_{001}^{(10)}m_{200}^{(22)}m_{021}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{120}^{(22)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{111}^{(21)} - m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{102}^{(11)}\\
&+2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{210}^{(22)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{201}^{(21)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{111}^{(20)}\\
&+2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{102}^{(10)} - m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(11)}m_{300}^{(22)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(11)}m_{201}^{(20)}
\end{aligned}
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\begin{aligned}
&-m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(11)}m_{102}^{(00)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{210}^{(21)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{201}^{(11)}\\
&+2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{120}^{(20)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{111}^{(10)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{300}^{(21)}\\
&-2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{210}^{(20)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{201}^{(10)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{111}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(22)}m_{300}^{(11)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(22)}m_{210}^{(10)} - m_{010}^{(21)}m_{001}^{(10)}m_{101}^{(22)}m_{120}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(00)}m_{030}^{(22)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(00)}m_{021}^{(21)} + m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(00)}m_{012}^{(11)}\\
&-2m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{120}^{(22)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{111}^{(21)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{021}^{(20)}\\
&-2m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{012}^{(10)} + m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{210}^{(22)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{111}^{(20)}\\
&+m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{012}^{(00)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{120}^{(21)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{111}^{(11)}\\
&-2m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{030}^{(20)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{021}^{(10)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{210}^{(21)}\\
&+2m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{120}^{(20)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{111}^{(10)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{021}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(22)}m_{210}^{(11)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(22)}m_{120}^{(10)} + m_{010}^{(21)}m_{001}^{(20)}m_{200}^{(22)}m_{030}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{120}^{(22)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{111}^{(21)} - m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{102}^{(11)}\\
&+2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{210}^{(22)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{201}^{(21)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{111}^{(20)}\\
&+2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{102}^{(10)} - m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{300}^{(22)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{201}^{(20)}\\
&-m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{102}^{(00)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{210}^{(21)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{201}^{(11)}\\
&+2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{120}^{(20)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{111}^{(10)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{300}^{(21)}\\
&-2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{210}^{(20)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{201}^{(10)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{111}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(22)}m_{300}^{(11)} + 2m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(22)}m_{210}^{(10)} - m_{010}^{(21)}m_{001}^{(20)}m_{110}^{(22)}m_{120}^{(00)}\\
&+m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(00)}m_{030}^{(22)} - 2m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(00)}m_{021}^{(21)} + m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(00)}m_{012}^{(11)}\\
&-2m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(10)}m_{120}^{(22)} + 2m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(10)}m_{111}^{(21)} + 2m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(10)}m_{021}^{(20)}\\
&-2m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(10)}m_{012}^{(10)} + m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(11)}m_{210}^{(22)} - 2m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(11)}m_{111}^{(20)}\\
&+m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(11)}m_{012}^{(00)} + 2m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(20)}m_{120}^{(21)} - 2m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(20)}m_{111}^{(11)}\\
&-2m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(20)}m_{030}^{(20)} + 2m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(20)}m_{021}^{(10)} - 2m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(21)}m_{210}^{(21)}\\
&+2m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(21)}m_{120}^{(20)} + 2m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(21)}m_{111}^{(10)} - 2m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(21)}m_{021}^{(00)}\\
&+m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(22)}m_{210}^{(11)} - 2m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(22)}m_{120}^{(10)} + m_{010}^{(22)}m_{001}^{(00)}m_{110}^{(22)}m_{030}^{(00)}\\
&-m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(00)}m_{120}^{(22)} + 2m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(00)}m_{111}^{(21)} - m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(00)}m_{102}^{(11)}\\
&+2m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(10)}m_{210}^{(22)} - 2m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(10)}m_{201}^{(21)} - 2m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(10)}m_{111}^{(20)}\\
&+2m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(10)}m_{102}^{(10)} - m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(11)}m_{300}^{(22)} + 2m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(11)}m_{201}^{(20)}\\
&-m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(11)}m_{102}^{(00)} - 2m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(20)}m_{210}^{(21)} + 2m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(20)}m_{201}^{(11)}\\
&+2m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(20)}m_{120}^{(20)} - 2m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(20)}m_{111}^{(10)} + 2m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(21)}m_{300}^{(21)}\\
&-2m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(21)}m_{210}^{(20)} - 2m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(21)}m_{201}^{(10)} + 2m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(21)}m_{111}^{(00)}\\
&-m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(22)}m_{300}^{(11)} + 2m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(22)}m_{210}^{(10)} - m_{010}^{(22)}m_{001}^{(00)}m_{020}^{(22)}m_{120}^{(00)}\\
&-m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(00)}m_{030}^{(22)} + 2m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(00)}m_{021}^{(21)} - m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(00)}m_{012}^{(11)}\\
&+2m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(10)}m_{120}^{(22)} - 2m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(10)}m_{111}^{(21)} - 2m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(10)}m_{021}^{(20)}\\
&+2m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(10)}m_{012}^{(10)} - m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(11)}m_{210}^{(22)} + 2m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(11)}m_{111}^{(20)}\\
&-m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(11)}m_{012}^{(00)} - 2m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(20)}m_{120}^{(21)} + 2m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(20)}m_{111}^{(11)}\\
&+2m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(20)}m_{030}^{(20)} - 2m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(20)}m_{021}^{(10)} + 2m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(21)}m_{210}^{(21)}\\
&-2m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(21)}m_{120}^{(20)} - 2m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(21)}m_{111}^{(10)} + 2m_{010}^{(22)}m_{001}^{(10)}m_{200}^{(21)}m_{021}^{(00)}
\end{aligned}
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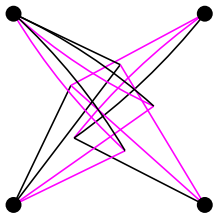
\begin{array}{l}
-m_{010}^{(22)} m_{001}^{(10)} m_{200}^{(22)} m_{210}^{(11)} + 2m_{010}^{(22)} m_{001}^{(10)} m_{200}^{(22)} m_{120}^{(10)} - m_{010}^{(22)} m_{001}^{(10)} m_{200}^{(22)} m_{030}^{(00)} \\
+m_{010}^{(22)} m_{001}^{(10)} m_{110}^{(00)} m_{120}^{(22)} - 2m_{010}^{(22)} m_{001}^{(10)} m_{110}^{(00)} m_{111}^{(21)} + m_{010}^{(22)} m_{001}^{(10)} m_{110}^{(00)} m_{102}^{(11)} \\
-2m_{010}^{(22)} m_{001}^{(10)} m_{110}^{(10)} m_{210}^{(22)} + 2m_{010}^{(22)} m_{001}^{(10)} m_{110}^{(10)} m_{201}^{(21)} + 2m_{010}^{(22)} m_{001}^{(10)} m_{110}^{(10)} m_{111}^{(20)} \\
-2m_{010}^{(22)} m_{001}^{(10)} m_{110}^{(10)} m_{102}^{(10)} + m_{010}^{(22)} m_{001}^{(10)} m_{110}^{(11)} m_{300}^{(22)} - 2m_{010}^{(22)} m_{001}^{(10)} m_{110}^{(11)} m_{201}^{(20)} \\
+m_{010}^{(22)} m_{001}^{(10)} m_{110}^{(11)} m_{102}^{(00)} + 2m_{010}^{(22)} m_{001}^{(10)} m_{110}^{(20)} m_{210}^{(21)} - 2m_{010}^{(22)} m_{001}^{(10)} m_{110}^{(20)} m_{201}^{(11)} \\
-2m_{010}^{(22)} m_{001}^{(10)} m_{110}^{(20)} m_{120}^{(20)} + 2m_{010}^{(22)} m_{001}^{(10)} m_{110}^{(20)} m_{111}^{(10)} - 2m_{010}^{(22)} m_{001}^{(10)} m_{110}^{(21)} m_{300}^{(21)} \\
+2m_{010}^{(22)} m_{001}^{(10)} m_{110}^{(21)} m_{210}^{(20)} + 2m_{010}^{(22)} m_{001}^{(10)} m_{110}^{(21)} m_{201}^{(10)} - 2m_{010}^{(22)} m_{001}^{(10)} m_{110}^{(21)} m_{111}^{(00)} \\
+m_{010}^{(22)} m_{001}^{(10)} m_{110}^{(22)} m_{300}^{(11)} - 2m_{010}^{(22)} m_{001}^{(10)} m_{110}^{(22)} m_{210}^{(10)} + m_{010}^{(22)} m_{001}^{(10)} m_{110}^{(22)} m_{120}^{(00)}
\end{array}
$$

Generating graph:

$$
\begin{array}{rrrrr}
V1 & V1 & 1 & 1 & V3 \\
V2 & V2 & 2 & V3 & 3 \\
2 & 2 & V4 & V4 & 4
\end{array}
$$



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\begin{array}{rcl}
T_{107} & = & -m_{000}^{(00)} m_{100}^{(10)} m_{111}^{(11)} m_{012}^{(22)} + m_{000}^{(00)} m_{100}^{(10)} m_{111}^{(11)} m_{003}^{(21)} + m_{000}^{(00)} m_{100}^{(10)} m_{111}^{(21)} m_{021}^{(22)} \\
 & & -m_{000}^{(00)} m_{100}^{(10)} m_{111}^{(21)} m_{003}^{(11)} - m_{000}^{(00)} m_{100}^{(10)} m_{111}^{(22)} m_{021}^{(21)} + m_{000}^{(00)} m_{100}^{(10)} m_{111}^{(22)} m_{012}^{(11)} \\
 & & +m_{000}^{(00)} m_{100}^{(10)} m_{102}^{(11)} m_{021}^{(22)} - m_{000}^{(00)} m_{100}^{(10)} m_{102}^{(11)} m_{012}^{(21)} - m_{000}^{(00)} m_{100}^{(10)} m_{102}^{(21)} m_{030}^{(22)} \\
 & & +m_{000}^{(00)} m_{100}^{(10)} m_{102}^{(21)} m_{012}^{(11)} + m_{000}^{(00)} m_{100}^{(10)} m_{102}^{(22)} m_{030}^{(21)} - m_{000}^{(00)} m_{100}^{(10)} m_{102}^{(22)} m_{021}^{(11)} \\
 & & -m_{000}^{(00)} m_{100}^{(10)} m_{030}^{(20)} m_{012}^{(22)} + m_{000}^{(00)} m_{100}^{(10)} m_{030}^{(20)} m_{003}^{(21)} - m_{000}^{(00)} m_{100}^{(10)} m_{030}^{(21)} m_{003}^{(20)} \\
 & & +m_{000}^{(00)} m_{100}^{(10)} m_{030}^{(22)} m_{012}^{(20)} + 2m_{000}^{(00)} m_{100}^{(10)} m_{021}^{(10)} m_{012}^{(22)} - 2m_{000}^{(00)} m_{100}^{(10)} m_{021}^{(10)} m_{003}^{(21)} \\
 & & +m_{000}^{(00)} m_{100}^{(10)} m_{021}^{(11)} m_{003}^{(20)} + m_{000}^{(00)} m_{100}^{(10)} m_{021}^{(20)} m_{012}^{(21)} - m_{000}^{(00)} m_{100}^{(10)} m_{021}^{(20)} m_{003}^{(11)} \\
 & & -m_{000}^{(00)} m_{100}^{(10)} m_{021}^{(21)} m_{012}^{(20)} + 2m_{000}^{(00)} m_{100}^{(10)} m_{021}^{(21)} m_{003}^{(10)} - 2m_{000}^{(00)} m_{100}^{(10)} m_{021}^{(22)} m_{012}^{(10)} \\
 & & +2m_{000}^{(00)} m_{100}^{(10)} m_{012}^{(10)} m_{003}^{(11)} - 2m_{000}^{(00)} m_{100}^{(10)} m_{012}^{(11)} m_{003}^{(10)} + m_{000}^{(00)} m_{100}^{(11)} m_{120}^{(20)} m_{012}^{(22)} \\
 & & -m_{000}^{(00)} m_{100}^{(11)} m_{120}^{(20)} m_{003}^{(21)} - m_{000}^{(00)} m_{100}^{(11)} m_{120}^{(21)} m_{102}^{(22)} + m_{000}^{(00)} m_{100}^{(11)} m_{120}^{(21)} m_{003}^{(20)} \\
 & & +m_{000}^{(00)} m_{100}^{(11)} m_{120}^{(22)} m_{102}^{(21)} - m_{000}^{(00)} m_{100}^{(11)} m_{120}^{(22)} m_{012}^{(20)} + m_{000}^{(00)} m_{100}^{(11)} m_{111}^{(11)} m_{102}^{(22)} \\
 & & -m_{000}^{(00)} m_{100}^{(11)} m_{111}^{(11)} m_{003}^{(20)} - m_{000}^{(00)} m_{100}^{(11)} m_{111}^{(20)} m_{021}^{(22)} + m_{000}^{(00)} m_{100}^{(11)} m_{111}^{(20)} m_{003}^{(11)} \\
 & & -m_{000}^{(00)} m_{100}^{(11)} m_{111}^{(22)} m_{102}^{(11)} + m_{000}^{(00)} m_{100}^{(11)} m_{111}^{(22)} m_{021}^{(20)} + m_{000}^{(00)} m_{100}^{(11)} m_{102}^{(11)} m_{012}^{(20)} \\
 & & +m_{000}^{(00)} m_{100}^{(11)} m_{102}^{(20)} m_{021}^{(21)} - m_{000}^{(00)} m_{100}^{(11)} m_{102}^{(20)} m_{012}^{(11)} - m_{000}^{(00)} m_{100}^{(11)} m_{102}^{(21)} m_{021}^{(20)} \\
 & & -m_{000}^{(00)} m_{100}^{(11)} m_{021}^{(00)} m_{012}^{(22)} + m_{000}^{(00)} m_{100}^{(11)} m_{021}^{(00)} m_{003}^{(21)} - m_{000}^{(00)} m_{100}^{(11)} m_{021}^{(21)} m_{003}^{(00)}
\end{array}
$$

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\begin{aligned}
&+m_{000}^{(00)}m_{100}^{(11)}m_{021}^{(22)}m_{012}^{(00)} - m_{000}^{(00)}m_{100}^{(11)}m_{012}^{(00)}m_{003}^{(11)} + m_{000}^{(00)}m_{100}^{(11)}m_{012}^{(11)}m_{003}^{(00)}\\
&+m_{000}^{(00)}m_{100}^{(20)}m_{120}^{(11)}m_{012}^{(22)} - m_{000}^{(00)}m_{100}^{(20)}m_{120}^{(11)}m_{003}^{(21)} - m_{000}^{(00)}m_{100}^{(20)}m_{120}^{(21)}m_{021}^{(22)}\\
&+m_{000}^{(00)}m_{100}^{(20)}m_{120}^{(21)}m_{003}^{(11)} + m_{000}^{(00)}m_{100}^{(20)}m_{120}^{(22)}m_{021}^{(21)} - m_{000}^{(00)}m_{100}^{(20)}m_{120}^{(22)}m_{012}^{(11)}\\
&-m_{000}^{(00)}m_{100}^{(20)}m_{111}^{(11)}m_{021}^{(22)} + m_{000}^{(00)}m_{100}^{(20)}m_{111}^{(11)}m_{012}^{(21)} + m_{000}^{(00)}m_{100}^{(20)}m_{111}^{(21)}m_{030}^{(22)}\\
&-m_{000}^{(00)}m_{100}^{(20)}m_{111}^{(21)}m_{012}^{(11)} - m_{000}^{(00)}m_{100}^{(20)}m_{111}^{(22)}m_{030}^{(21)} + m_{000}^{(00)}m_{100}^{(20)}m_{111}^{(22)}m_{021}^{(11)}\\
&-m_{000}^{(00)}m_{100}^{(20)}m_{030}^{(10)}m_{012}^{(22)} + m_{000}^{(00)}m_{100}^{(20)}m_{030}^{(10)}m_{003}^{(21)} + 2m_{000}^{(00)}m_{100}^{(20)}m_{030}^{(20)}m_{021}^{(22)}\\
&-2m_{000}^{(00)}m_{100}^{(20)}m_{030}^{(20)}m_{012}^{(21)} + 2m_{000}^{(00)}m_{100}^{(20)}m_{030}^{(21)}m_{012}^{(20)} - m_{000}^{(00)}m_{100}^{(20)}m_{030}^{(21)}m_{003}^{(10)}\\
&-2m_{000}^{(00)}m_{100}^{(20)}m_{030}^{(22)}m_{021}^{(20)} + m_{000}^{(00)}m_{100}^{(20)}m_{030}^{(22)}m_{012}^{(10)} + m_{000}^{(00)}m_{100}^{(20)}m_{021}^{(10)}m_{012}^{(21)}\\
&-m_{000}^{(00)}m_{100}^{(20)}m_{021}^{(10)}m_{003}^{(11)} - 2m_{000}^{(00)}m_{100}^{(20)}m_{021}^{(11)}m_{012}^{(20)} + m_{000}^{(00)}m_{100}^{(20)}m_{021}^{(11)}m_{003}^{(10)}\\
&+2m_{000}^{(00)}m_{100}^{(20)}m_{021}^{(20)}m_{012}^{(11)} - m_{000}^{(00)}m_{100}^{(20)}m_{021}^{(21)}m_{012}^{(10)} - m_{000}^{(00)}m_{100}^{(21)}m_{120}^{(10)}m_{012}^{(22)}\\
&+m_{000}^{(00)}m_{100}^{(21)}m_{120}^{(10)}m_{003}^{(21)} - m_{000}^{(00)}m_{100}^{(21)}m_{120}^{(20)}m_{021}^{(22)} + m_{000}^{(00)}m_{100}^{(21)}m_{120}^{(20)}m_{012}^{(21)}\\
&+2m_{000}^{(00)}m_{100}^{(21)}m_{120}^{(21)}m_{111}^{(22)} - m_{000}^{(00)}m_{100}^{(21)}m_{120}^{(21)}m_{012}^{(20)} - m_{000}^{(00)}m_{100}^{(21)}m_{120}^{(21)}m_{003}^{(10)}\\
&-2m_{000}^{(00)}m_{100}^{(21)}m_{120}^{(22)}m_{111}^{(21)} + m_{000}^{(00)}m_{100}^{(21)}m_{120}^{(22)}m_{021}^{(20)} + m_{000}^{(00)}m_{100}^{(21)}m_{120}^{(22)}m_{012}^{(10)}\\
&+m_{000}^{(00)}m_{100}^{(21)}m_{111}^{(10)}m_{021}^{(22)} - m_{000}^{(00)}m_{100}^{(21)}m_{111}^{(10)}m_{003}^{(11)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{111}^{(11)}m_{102}^{(21)}\\
&+m_{000}^{(00)}m_{100}^{(21)}m_{111}^{(11)}m_{012}^{(20)} + m_{000}^{(00)}m_{100}^{(21)}m_{111}^{(11)}m_{003}^{(10)} + m_{000}^{(00)}m_{100}^{(21)}m_{111}^{(20)}m_{030}^{(22)}\\
&-m_{000}^{(00)}m_{100}^{(21)}m_{111}^{(20)}m_{012}^{(11)} + 2m_{000}^{(00)}m_{100}^{(21)}m_{111}^{(21)}m_{102}^{(11)} - m_{000}^{(00)}m_{100}^{(21)}m_{111}^{(22)}m_{030}^{(20)}\\
&-m_{000}^{(00)}m_{100}^{(21)}m_{111}^{(22)}m_{021}^{(10)} - m_{000}^{(00)}m_{100}^{(21)}m_{102}^{(10)}m_{021}^{(21)} + m_{000}^{(00)}m_{100}^{(21)}m_{102}^{(10)}m_{012}^{(11)}\\
&-m_{000}^{(00)}m_{100}^{(21)}m_{102}^{(11)}m_{021}^{(20)} - m_{000}^{(00)}m_{100}^{(21)}m_{102}^{(11)}m_{012}^{(10)} - m_{000}^{(00)}m_{100}^{(21)}m_{102}^{(20)}m_{030}^{(21)}\\
&+m_{000}^{(00)}m_{100}^{(21)}m_{102}^{(20)}m_{021}^{(11)} + m_{000}^{(00)}m_{100}^{(21)}m_{102}^{(21)}m_{030}^{(20)} + m_{000}^{(00)}m_{100}^{(21)}m_{102}^{(21)}m_{021}^{(10)}\\
&+m_{000}^{(00)}m_{100}^{(21)}m_{030}^{(00)}m_{012}^{(22)} - m_{000}^{(00)}m_{100}^{(21)}m_{030}^{(00)}m_{003}^{(21)} + m_{000}^{(00)}m_{100}^{(21)}m_{030}^{(21)}m_{003}^{(00)}\\
&-m_{000}^{(00)}m_{100}^{(21)}m_{030}^{(22)}m_{012}^{(00)} - m_{000}^{(00)}m_{100}^{(21)}m_{021}^{(00)}m_{012}^{(21)} + m_{000}^{(00)}m_{100}^{(21)}m_{021}^{(00)}m_{003}^{(11)}\\
&-m_{000}^{(00)}m_{100}^{(21)}m_{021}^{(11)}m_{003}^{(00)} + m_{000}^{(00)}m_{100}^{(21)}m_{021}^{(21)}m_{012}^{(00)} + m_{000}^{(00)}m_{100}^{(22)}m_{120}^{(10)}m_{021}^{(22)}\\
&-m_{000}^{(00)}m_{100}^{(22)}m_{120}^{(10)}m_{012}^{(21)} - m_{000}^{(00)}m_{100}^{(22)}m_{120}^{(11)}m_{111}^{(22)} + m_{000}^{(00)}m_{100}^{(22)}m_{120}^{(11)}m_{102}^{(21)}\\
&-m_{000}^{(00)}m_{100}^{(22)}m_{120}^{(21)}m_{102}^{(11)} + m_{000}^{(00)}m_{100}^{(22)}m_{120}^{(21)}m_{012}^{(10)} + m_{000}^{(00)}m_{100}^{(22)}m_{120}^{(22)}m_{111}^{(11)}\\
&-m_{000}^{(00)}m_{100}^{(22)}m_{120}^{(22)}m_{021}^{(10)} - m_{000}^{(00)}m_{100}^{(22)}m_{111}^{(10)}m_{022}^{(22)} + m_{000}^{(00)}m_{100}^{(22)}m_{111}^{(11)}m_{012}^{(10)}\\
&-m_{000}^{(00)}m_{100}^{(22)}m_{111}^{(11)}m_{012}^{(10)} + m_{000}^{(00)}m_{100}^{(22)}m_{111}^{(22)}m_{030}^{(10)} + m_{000}^{(00)}m_{100}^{(22)}m_{102}^{(10)}m_{030}^{(21)}\\
&-m_{000}^{(00)}m_{100}^{(22)}m_{102}^{(10)}m_{021}^{(11)} + m_{000}^{(00)}m_{100}^{(22)}m_{102}^{(11)}m_{021}^{(10)} - m_{000}^{(00)}m_{100}^{(22)}m_{102}^{(21)}m_{030}^{(10)}\\
&-m_{000}^{(00)}m_{100}^{(22)}m_{030}^{(00)}m_{012}^{(21)} + m_{000}^{(00)}m_{100}^{(22)}m_{030}^{(00)}m_{012}^{(11)} - m_{000}^{(00)}m_{100}^{(22)}m_{030}^{(11)}m_{012}^{(00)}\\
&+m_{000}^{(00)}m_{100}^{(22)}m_{030}^{(22)}m_{021}^{(00)} - m_{000}^{(00)}m_{100}^{(22)}m_{021}^{(00)}m_{012}^{(11)} + m_{000}^{(00)}m_{100}^{(22)}m_{021}^{(11)}m_{012}^{(00)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{120}^{(20)}m_{012}^{(22)} - m_{000}^{(00)}m_{010}^{(10)}m_{120}^{(20)}m_{003}^{(21)} - m_{000}^{(00)}m_{010}^{(10)}m_{120}^{(21)}m_{102}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{120}^{(21)}m_{003}^{(20)} + m_{000}^{(00)}m_{010}^{(10)}m_{120}^{(22)}m_{102}^{(21)} - m_{000}^{(00)}m_{010}^{(10)}m_{120}^{(22)}m_{012}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{111}^{(11)}m_{102}^{(22)} - m_{000}^{(00)}m_{010}^{(10)}m_{111}^{(11)}m_{003}^{(20)} - m_{000}^{(00)}m_{010}^{(10)}m_{111}^{(20)}m_{021}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{111}^{(20)}m_{003}^{(11)} - m_{000}^{(00)}m_{010}^{(10)}m_{111}^{(22)}m_{102}^{(11)} + m_{000}^{(00)}m_{010}^{(10)}m_{111}^{(22)}m_{021}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{102}^{(11)}m_{012}^{(20)} + m_{000}^{(00)}m_{010}^{(10)}m_{102}^{(20)}m_{021}^{(21)} - m_{000}^{(00)}m_{010}^{(10)}m_{102}^{(20)}m_{012}^{(11)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{102}^{(21)}m_{021}^{(20)} - m_{000}^{(00)}m_{010}^{(10)}m_{021}^{(00)}m_{012}^{(22)} + m_{000}^{(00)}m_{010}^{(10)}m_{021}^{(00)}m_{003}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{021}^{(21)}m_{003}^{(00)} + m_{000}^{(00)}m_{010}^{(10)}m_{021}^{(22)}m_{012}^{(00)} - m_{000}^{(00)}m_{010}^{(10)}m_{012}^{(00)}m_{003}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{012}^{(11)}m_{003}^{(00)} - m_{000}^{(00)}m_{010}^{(11)}m_{210}^{(20)}m_{012}^{(22)} + m_{000}^{(00)}m_{010}^{(11)}m_{210}^{(20)}m_{003}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{210}^{(21)}m_{102}^{(22)} - m_{000}^{(00)}m_{010}^{(11)}m_{210}^{(21)}m_{003}^{(20)} - m_{000}^{(00)}m_{010}^{(11)}m_{210}^{(22)}m_{102}^{(21)}
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&+m_{000}^{(00)}m_{010}^{(11)}m_{210}^{(22)}m_{012}^{(20)}+m_{000}^{(00)}m_{010}^{(11)}m_{201}^{(20)}m_{021}^{(22)}-m_{000}^{(00)}m_{010}^{(11)}m_{201}^{(20)}m_{012}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{201}^{(21)}m_{111}^{(22)}+m_{000}^{(00)}m_{010}^{(11)}m_{201}^{(21)}m_{012}^{(20)}+m_{000}^{(00)}m_{010}^{(11)}m_{201}^{(22)}m_{111}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{201}^{(22)}m_{021}^{(20)}+m_{000}^{(00)}m_{010}^{(11)}m_{111}^{(00)}m_{012}^{(22)}-m_{000}^{(00)}m_{010}^{(11)}m_{111}^{(00)}m_{003}^{(21)}\\
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&-2m_{000}^{(00)}m_{010}^{(11)}m_{111}^{(20)}m_{003}^{(10)}-2m_{000}^{(00)}m_{010}^{(11)}m_{111}^{(21)}m_{102}^{(20)}+m_{000}^{(00)}m_{010}^{(11)}m_{111}^{(21)}m_{003}^{(00)}\\
&+2m_{000}^{(00)}m_{010}^{(11)}m_{111}^{(22)}m_{102}^{(10)}-m_{000}^{(00)}m_{010}^{(11)}m_{111}^{(22)}m_{012}^{(00)}-m_{000}^{(00)}m_{010}^{(11)}m_{102}^{(00)}m_{021}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{102}^{(00)}m_{012}^{(21)}-2m_{000}^{(00)}m_{010}^{(11)}m_{102}^{(10)}m_{012}^{(20)}+2m_{000}^{(00)}m_{010}^{(11)}m_{102}^{(20)}m_{012}^{(10)}\\
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&-m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(10)}m_{012}^{(22)}+m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(10)}m_{003}^{(21)}-m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(20)}m_{021}^{(22)}\\
&+2m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(20)}m_{012}^{(21)}-m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(20)}m_{003}^{(11)}+2m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(21)}m_{111}^{(22)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(21)}m_{102}^{(21)}-m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(21)}m_{012}^{(20)}-2m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(22)}m_{111}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(22)}m_{102}^{(11)}+m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(22)}m_{021}^{(20)}+2m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(10)}m_{021}^{(22)}\\
&-2m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(10)}m_{012}^{(21)}-m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(11)}m_{111}^{(22)}+m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(11)}m_{012}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(20)}m_{030}^{(22)}-2m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(20)}m_{021}^{(21)}+m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(20)}m_{012}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(20)}(m_{111}^{(21)})^2-m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(22)}m_{030}^{(20)}-m_{000}^{(00)}m_{010}^{(20)}m_{102}^{(10)}m_{030}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{102}^{(10)}m_{021}^{(21)}-m_{000}^{(00)}m_{010}^{(20)}m_{102}^{(11)}m_{021}^{(20)}+m_{000}^{(00)}m_{010}^{(20)}m_{102}^{(21)}m_{030}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{030}^{(00)}m_{012}^{(22)}-m_{000}^{(00)}m_{010}^{(20)}m_{030}^{(00)}m_{003}^{(21)}-m_{000}^{(00)}m_{010}^{(20)}m_{030}^{(20)}m_{012}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{030}^{(20)}m_{003}^{(10)}-m_{000}^{(00)}m_{010}^{(20)}m_{021}^{(00)}m_{021}^{(22)}+m_{000}^{(00)}m_{010}^{(20)}m_{021}^{(00)}m_{003}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{021}^{(10)}m_{012}^{(20)}-m_{000}^{(00)}m_{010}^{(20)}m_{021}^{(10)}m_{003}^{(10)}+m_{000}^{(00)}m_{010}^{(20)}(m_{021}^{(20)})^2\\
&-2m_{000}^{(00)}m_{010}^{(20)}m_{021}^{(20)}m_{012}^{(10)}+m_{000}^{(00)}m_{010}^{(20)}m_{021}^{(21)}m_{012}^{(00)}-m_{000}^{(00)}m_{010}^{(20)}m_{012}^{(00)}m_{012}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(20)}(m_{012}^{(10)})^2+m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(10)}m_{012}^{(22)}-m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(10)}m_{003}^{(21)}\\
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&-m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(20)}m_{012}^{(21)}-m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(21)}m_{111}^{(22)}+m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(21)}m_{102}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(22)}m_{111}^{(21)}-m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(22)}m_{021}^{(20)}-m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(10)}m_{021}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(10)}m_{012}^{(21)}+m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(11)}m_{111}^{(22)}-m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(11)}m_{012}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(20)}m_{030}^{(22)}+m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(20)}m_{021}^{(21)}+m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(21)}m_{120}^{(22)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(21)}m_{111}^{(21)}-m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(22)}m_{120}^{(21)}+m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(22)}m_{030}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{120}^{(00)}m_{012}^{(22)}+m_{000}^{(00)}m_{010}^{(21)}m_{120}^{(00)}m_{003}^{(21)}+2m_{000}^{(00)}m_{010}^{(21)}m_{120}^{(10)}m_{102}^{(22)}\\
&-2m_{000}^{(00)}m_{010}^{(21)}m_{120}^{(10)}m_{003}^{(20)}-2m_{000}^{(00)}m_{010}^{(21)}m_{120}^{(20)}m_{102}^{(21)}+m_{000}^{(00)}m_{010}^{(21)}m_{120}^{(20)}m_{012}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{120}^{(20)}m_{003}^{(10)}+m_{000}^{(00)}m_{010}^{(21)}m_{120}^{(21)}m_{102}^{(20)}-m_{000}^{(00)}m_{010}^{(21)}m_{120}^{(22)}m_{102}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(10)}m_{111}^{(22)}+m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(10)}m_{102}^{(21)}-m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(10)}m_{012}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(10)}m_{003}^{(10)}+m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(11)}m_{102}^{(20)}-m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(11)}m_{003}^{(00)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(20)}m_{111}^{(21)}-m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(20)}m_{102}^{(11)}-m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(20)}m_{021}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(20)}m_{012}^{(10)}-m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(21)}m_{102}^{(10)}+m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(22)}m_{021}^{(00)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{102}^{(00)}m_{030}^{(22)}-m_{000}^{(00)}m_{010}^{(21)}m_{102}^{(00)}m_{021}^{(21)}+3m_{000}^{(00)}m_{010}^{(21)}m_{102}^{(10)}m_{021}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{102}^{(10)}m_{012}^{(10)}+m_{000}^{(00)}m_{010}^{(21)}m_{102}^{(11)}m_{012}^{(00)}-2m_{000}^{(00)}m_{010}^{(21)}m_{102}^{(20)}m_{021}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{102}^{(22)}m_{030}^{(00)}+m_{000}^{(00)}m_{010}^{(21)}m_{030}^{(00)}m_{003}^{(20)}-m_{000}^{(00)}m_{010}^{(21)}m_{030}^{(20)}m_{003}^{(00)}
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&+m_{000}^{(00)}m_{010}^{(21)}m_{021}^{(00)}m_{012}^{(20)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{021}^{(00)}m_{003}^{(10)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{021}^{(10)}m_{003}^{(00)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{021}^{(20)}m_{012}^{(00)} - m_{000}^{(00)}m_{010}^{(22)}m_{210}^{(10)}m_{021}^{(22)} + m_{000}^{(00)}m_{010}^{(22)}m_{210}^{(10)}m_{012}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{210}^{(11)}m_{111}^{(22)} - m_{000}^{(00)}m_{010}^{(22)}m_{210}^{(11)}m_{012}^{(20)} - m_{000}^{(00)}m_{010}^{(22)}m_{210}^{(21)}m_{111}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{210}^{(21)}m_{021}^{(20)} + m_{000}^{(00)}m_{010}^{(22)}m_{201}^{(10)}m_{030}^{(22)} - m_{000}^{(00)}m_{010}^{(22)}m_{201}^{(10)}m_{021}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{201}^{(11)}m_{120}^{(22)} + m_{000}^{(00)}m_{010}^{(22)}m_{201}^{(11)}m_{021}^{(20)} + m_{000}^{(00)}m_{010}^{(22)}m_{201}^{(21)}m_{120}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{201}^{(21)}m_{030}^{(20)} + m_{000}^{(00)}m_{010}^{(22)}m_{120}^{(00)}m_{021}^{(22)} - m_{000}^{(00)}m_{010}^{(22)}m_{120}^{(00)}m_{012}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{120}^{(10)}m_{111}^{(22)} - m_{000}^{(00)}m_{010}^{(22)}m_{120}^{(10)}m_{102}^{(21)} + 2m_{000}^{(00)}m_{010}^{(22)}m_{120}^{(10)}m_{012}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{120}^{(20)}m_{111}^{(21)} + m_{000}^{(00)}m_{010}^{(22)}m_{120}^{(20)}m_{102}^{(11)} - m_{000}^{(00)}m_{010}^{(22)}m_{120}^{(20)}m_{021}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{120}^{(20)}m_{012}^{(10)} - m_{000}^{(00)}m_{010}^{(22)}m_{120}^{(21)}m_{111}^{(20)} + m_{000}^{(00)}m_{010}^{(22)}m_{120}^{(22)}m_{111}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{111}^{(00)}m_{030}^{(22)} + m_{000}^{(00)}m_{010}^{(22)}m_{111}^{(00)}m_{021}^{(21)} + m_{000}^{(00)}m_{010}^{(22)}m_{111}^{(10)}m_{111}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{111}^{(10)}m_{021}^{(20)} - m_{000}^{(00)}m_{010}^{(22)}m_{111}^{(10)}m_{012}^{(10)} - m_{000}^{(00)}m_{010}^{(22)}m_{111}^{(11)}m_{111}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{111}^{(11)}m_{012}^{(00)} + m_{000}^{(00)}m_{010}^{(22)}m_{111}^{(20)}m_{030}^{(20)} + m_{000}^{(00)}m_{010}^{(22)}m_{111}^{(20)}m_{021}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{111}^{(21)}m_{021}^{(00)} - m_{000}^{(00)}m_{010}^{(22)}m_{102}^{(10)}m_{030}^{(20)} + m_{000}^{(00)}m_{010}^{(22)}m_{102}^{(10)}m_{021}^{(10)}\\
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&+m_{000}^{(00)}m_{010}^{(22)}m_{030}^{(20)}m_{012}^{(00)} + 2m_{000}^{(00)}m_{010}^{(22)}m_{021}^{(00)}m_{012}^{(10)} - 2m_{000}^{(00)}m_{010}^{(22)}m_{021}^{(10)}m_{012}^{(00)}\\
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&-m_{000}^{(00)}m_{001}^{(10)}m_{111}^{(10)}m_{021}^{(22)} + 2m_{000}^{(00)}m_{001}^{(10)}m_{111}^{(10)}m_{012}^{(21)} - m_{000}^{(00)}m_{001}^{(10)}m_{111}^{(10)}m_{003}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{111}^{(11)}m_{111}^{(22)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{111}^{(11)}m_{102}^{(21)} + m_{000}^{(00)}m_{001}^{(10)}m_{111}^{(11)}m_{003}^{(10)}\\
&+2m_{000}^{(00)}m_{001}^{(10)}m_{111}^{(20)}m_{021}^{(21)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{111}^{(20)}m_{012}^{(11)} - m_{000}^{(00)}m_{001}^{(10)}(m_{111}^{(21)})^2\\
&+2m_{000}^{(00)}m_{001}^{(10)}m_{111}^{(21)}m_{102}^{(11)} - m_{000}^{(00)}m_{001}^{(10)}m_{111}^{(22)}m_{021}^{(10)} + m_{000}^{(00)}m_{001}^{(10)}m_{102}^{(10)}m_{030}^{(22)}\\
&-2m_{000}^{(00)}m_{001}^{(10)}m_{102}^{(10)}m_{021}^{(21)} + m_{000}^{(00)}m_{001}^{(10)}m_{102}^{(10)}m_{012}^{(11)} - m_{000}^{(00)}m_{001}^{(10)}m_{102}^{(11)}m_{012}^{(10)}\\
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&+m_{000}^{(00)}m_{001}^{(10)}m_{030}^{(20)}m_{012}^{(20)} - m_{000}^{(00)}m_{001}^{(10)}m_{030}^{(20)}m_{003}^{(10)} + m_{000}^{(00)}m_{001}^{(10)}m_{030}^{(21)}m_{003}^{(00)}\\
&-m_{000}^{(00)}m_{001}^{(10)}m_{030}^{(22)}m_{012}^{(00)} + m_{000}^{(00)}m_{001}^{(10)}m_{021}^{(00)}m_{021}^{(22)} - m_{000}^{(00)}m_{001}^{(10)}m_{021}^{(00)}m_{012}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(10)}m_{021}^{(10)}m_{012}^{(20)} + m_{000}^{(00)}m_{001}^{(10)}m_{021}^{(10)}m_{003}^{(10)} - m_{000}^{(00)}m_{001}^{(10)}m_{021}^{(11)}m_{003}^{(00)}\\
&-m_{000}^{(00)}m_{001}^{(10)}(m_{021}^{(20)})^2 + 2m_{000}^{(00)}m_{001}^{(10)}m_{021}^{(20)}m_{012}^{(10)} + m_{000}^{(00)}m_{001}^{(10)}m_{012}^{(00)}m_{012}^{(11)}\\
&-m_{000}^{(00)}m_{001}^{(10)}(m_{012}^{(10)})^2 + m_{000}^{(00)}m_{001}^{(11)}m_{210}^{(20)}m_{012}^{(21)} - m_{000}^{(00)}m_{001}^{(11)}m_{210}^{(20)}m_{003}^{(11)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{210}^{(21)}m_{102}^{(21)} + m_{000}^{(00)}m_{001}^{(11)}m_{210}^{(21)}m_{003}^{(10)} + m_{000}^{(00)}m_{001}^{(11)}m_{210}^{(22)}m_{102}^{(11)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{210}^{(22)}m_{012}^{(10)} - m_{000}^{(00)}m_{001}^{(11)}m_{201}^{(20)}m_{021}^{(21)} + m_{000}^{(00)}m_{001}^{(11)}m_{201}^{(20)}m_{012}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{201}^{(21)}m_{111}^{(21)} - m_{000}^{(00)}m_{001}^{(11)}m_{201}^{(21)}m_{012}^{(10)} - m_{000}^{(00)}m_{001}^{(11)}m_{201}^{(22)}m_{111}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{201}^{(22)}m_{021}^{(10)} - m_{000}^{(00)}m_{001}^{(11)}m_{120}^{(20)}m_{012}^{(20)} + m_{000}^{(00)}m_{001}^{(11)}m_{120}^{(20)}m_{003}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{120}^{(21)}m_{102}^{(20)} - m_{000}^{(00)}m_{001}^{(11)}m_{120}^{(21)}m_{003}^{(00)} - m_{000}^{(00)}m_{001}^{(11)}m_{120}^{(22)}m_{102}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{120}^{(22)}m_{012}^{(00)} - m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(00)}m_{012}^{(21)} + m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(00)}m_{003}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(10)}m_{111}^{(22)} + m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(10)}m_{102}^{(21)} - m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(10)}m_{012}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(10)}m_{003}^{(10)} + m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(11)}m_{102}^{(20)} - m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(20)}m_{111}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(20)}m_{102}^{(11)} + m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(20)}m_{021}^{(20)} + m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(20)}m_{012}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(21)}m_{102}^{(10)} + m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(21)}m_{012}^{(00)} - m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(22)}m_{021}^{(00)}
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&+m_{000}^{(00)}m_{001}^{(11)}m_{102}^{(00)}m_{021}^{(21)} - m_{000}^{(00)}m_{001}^{(11)}m_{102}^{(00)}m_{012}^{(11)} + m_{000}^{(00)}m_{001}^{(11)}m_{102}^{(10)}m_{021}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{102}^{(10)}m_{012}^{(10)} - 2m_{000}^{(00)}m_{001}^{(11)}m_{102}^{(20)}m_{021}^{(10)} + 2m_{000}^{(00)}m_{001}^{(11)}m_{021}^{(00)}m_{012}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{021}^{(00)}m_{003}^{(10)} + m_{000}^{(00)}m_{001}^{(11)}m_{021}^{(10)}m_{003}^{(00)} - 2m_{000}^{(00)}m_{001}^{(11)}m_{021}^{(20)}m_{012}^{(00)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(10)}m_{021}^{(22)} - m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(10)}m_{012}^{(21)} - m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(11)}m_{111}^{(22)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(11)}m_{102}^{(21)} - m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(21)}m_{102}^{(11)} + m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(21)}m_{012}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(22)}m_{111}^{(11)} - m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(22)}m_{021}^{(10)} - m_{000}^{(00)}m_{001}^{(20)}m_{111}^{(10)}m_{030}^{(22)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{111}^{(10)}m_{012}^{(11)} - m_{000}^{(00)}m_{001}^{(20)}m_{111}^{(11)}m_{012}^{(10)} + m_{000}^{(00)}m_{001}^{(20)}m_{111}^{(22)}m_{030}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{102}^{(10)}m_{030}^{(21)} - m_{000}^{(00)}m_{001}^{(20)}m_{102}^{(10)}m_{021}^{(11)} + m_{000}^{(00)}m_{001}^{(20)}m_{102}^{(11)}m_{021}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(20)}m_{102}^{(21)}m_{030}^{(10)} - m_{000}^{(00)}m_{001}^{(20)}m_{030}^{(00)}m_{021}^{(22)} + m_{000}^{(00)}m_{001}^{(20)}m_{030}^{(00)}m_{012}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(20)}m_{030}^{(21)}m_{012}^{(00)} + m_{000}^{(00)}m_{001}^{(20)}m_{030}^{(22)}m_{021}^{(00)} - m_{000}^{(00)}m_{001}^{(20)}m_{030}^{(00)}m_{021}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{021}^{(11)}m_{012}^{(00)} - m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(10)}m_{012}^{(21)} + m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(10)}m_{003}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(11)}m_{102}^{(21)} - m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(11)}m_{102}^{(10)} - m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(20)}m_{021}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(20)}m_{012}^{(11)} + m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(21)}m_{111}^{(21)} - m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(21)}m_{102}^{(11)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(22)}m_{111}^{(11)} + m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(22)}m_{021}^{(10)} + m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(10)}m_{021}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(10)}m_{012}^{(11)} - m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(11)}m_{111}^{(21)} + m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(11)}m_{012}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(20)}m_{030}^{(21)} - m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(20)}m_{021}^{(11)} - m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(21)}m_{120}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(21)}m_{111}^{(11)} + m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(22)}m_{120}^{(11)} - m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(22)}m_{030}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(00)}m_{012}^{(21)} - m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(00)}m_{003}^{(11)} - m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(10)}m_{111}^{(22)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(10)}m_{102}^{(21)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(10)}m_{012}^{(20)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(11)}m_{102}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(11)}m_{003}^{(00)} + m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(20)}m_{111}^{(21)} + m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(20)}m_{102}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(20)}m_{021}^{(20)} - 3m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(20)}m_{012}^{(10)} - m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(21)}m_{111}^{(20)}\\
&+2m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(21)}m_{102}^{(10)} + m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(22)}m_{111}^{(10)} - m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(22)}m_{021}^{(00)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{111}^{(10)}m_{111}^{(21)} - m_{000}^{(00)}m_{001}^{(21)}m_{111}^{(10)}m_{021}^{(20)} + m_{000}^{(00)}m_{001}^{(21)}m_{111}^{(10)}m_{012}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{111}^{(11)}m_{111}^{(20)} - m_{000}^{(00)}m_{001}^{(21)}m_{111}^{(11)}m_{012}^{(00)} - m_{000}^{(00)}m_{001}^{(21)}m_{111}^{(20)}m_{030}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{111}^{(20)}m_{021}^{(10)} + m_{000}^{(00)}m_{001}^{(21)}m_{111}^{(22)}m_{030}^{(00)} - m_{000}^{(00)}m_{001}^{(21)}m_{102}^{(00)}m_{030}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{102}^{(00)}m_{021}^{(11)} - m_{000}^{(00)}m_{001}^{(21)}m_{102}^{(10)}m_{030}^{(20)} - m_{000}^{(00)}m_{001}^{(21)}m_{102}^{(10)}m_{021}^{(10)}\\
&+2m_{000}^{(00)}m_{001}^{(21)}m_{102}^{(20)}m_{030}^{(10)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{030}^{(00)}m_{012}^{(20)} + m_{000}^{(00)}m_{001}^{(21)}m_{030}^{(00)}m_{003}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{030}^{(10)}m_{003}^{(00)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{030}^{(20)}m_{012}^{(00)} + m_{000}^{(00)}m_{001}^{(21)}m_{021}^{(00)}m_{012}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{021}^{(10)}m_{012}^{(00)} + m_{000}^{(00)}m_{001}^{(22)}m_{210}^{(10)}m_{021}^{(21)} - m_{000}^{(00)}m_{001}^{(22)}m_{210}^{(10)}m_{012}^{(11)}\\
&-m_{000}^{(00)}m_{001}^{(22)}m_{210}^{(11)}m_{111}^{(21)} + m_{000}^{(00)}m_{001}^{(22)}m_{210}^{(11)}m_{012}^{(10)} + m_{000}^{(00)}m_{001}^{(22)}m_{210}^{(21)}m_{111}^{(11)}\\
&-m_{000}^{(00)}m_{001}^{(22)}m_{210}^{(21)}m_{021}^{(10)} - m_{000}^{(00)}m_{001}^{(22)}m_{201}^{(10)}m_{030}^{(21)} + m_{000}^{(00)}m_{001}^{(22)}m_{201}^{(10)}m_{021}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(22)}m_{201}^{(11)}m_{120}^{(21)} - m_{000}^{(00)}m_{001}^{(22)}m_{201}^{(11)}m_{021}^{(10)} - m_{000}^{(00)}m_{001}^{(22)}m_{201}^{(21)}m_{120}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(22)}m_{201}^{(21)}m_{030}^{(10)} - m_{000}^{(00)}m_{001}^{(22)}m_{120}^{(00)}m_{021}^{(21)} + m_{000}^{(00)}m_{001}^{(22)}m_{120}^{(00)}m_{012}^{(11)}\\
&+2m_{000}^{(00)}m_{001}^{(22)}m_{120}^{(10)}m_{111}^{(21)} - 2m_{000}^{(00)}m_{001}^{(22)}m_{120}^{(10)}m_{021}^{(20)} + 2m_{000}^{(00)}m_{001}^{(22)}m_{120}^{(11)}m_{111}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(22)}m_{120}^{(11)}m_{012}^{(00)} - 2m_{000}^{(00)}m_{001}^{(22)}m_{120}^{(20)}m_{111}^{(11)} + 2m_{000}^{(00)}m_{001}^{(22)}m_{120}^{(20)}m_{021}^{(10)}\\
&-2m_{000}^{(00)}m_{001}^{(22)}m_{120}^{(21)}m_{111}^{(10)} + m_{000}^{(00)}m_{001}^{(22)}m_{120}^{(21)}m_{021}^{(00)} + m_{000}^{(00)}m_{001}^{(22)}m_{111}^{(00)}m_{030}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(22)}m_{111}^{(00)}m_{021}^{(11)} + 2m_{000}^{(00)}m_{001}^{(22)}m_{111}^{(10)}m_{030}^{(20)} + m_{000}^{(00)}m_{001}^{(22)}m_{111}^{(11)}m_{021}^{(00)}\\
&-2m_{000}^{(00)}m_{001}^{(22)}m_{111}^{(20)}m_{030}^{(10)} - m_{000}^{(00)}m_{001}^{(22)}m_{111}^{(21)}m_{030}^{(00)} + 2m_{000}^{(00)}m_{001}^{(22)}m_{030}^{(00)}m_{021}^{(20)}
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&-m_{000}^{(00)}m_{001}^{(22)}m_{030}^{(00)}m_{012}^{(10)}+m_{000}^{(00)}m_{001}^{(22)}m_{030}^{(10)}m_{012}^{(00)}-2m_{000}^{(00)}m_{001}^{(22)}m_{030}^{(20)}m_{021}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(00)}m_{111}^{(11)}m_{012}^{(22)}-m_{000}^{(10)}m_{100}^{(00)}m_{111}^{(11)}m_{003}^{(21)}-m_{000}^{(10)}m_{100}^{(00)}m_{111}^{(21)}m_{021}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(00)}m_{111}^{(21)}m_{003}^{(11)}+m_{000}^{(10)}m_{100}^{(00)}m_{111}^{(22)}m_{021}^{(21)}-m_{000}^{(10)}m_{100}^{(00)}m_{111}^{(22)}m_{012}^{(11)}\\
&-m_{000}^{(10)}m_{100}^{(00)}m_{102}^{(11)}m_{021}^{(22)}+m_{000}^{(10)}m_{100}^{(00)}m_{102}^{(11)}m_{012}^{(21)}+m_{000}^{(10)}m_{100}^{(00)}m_{102}^{(21)}m_{030}^{(22)}\\
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&+m_{000}^{(10)}m_{100}^{(00)}m_{030}^{(20)}m_{012}^{(22)}-m_{000}^{(10)}m_{100}^{(00)}m_{030}^{(20)}m_{003}^{(21)}+m_{000}^{(10)}m_{100}^{(00)}m_{030}^{(21)}m_{003}^{(20)}\\
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&-m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(11)}m_{003}^{(20)}-m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(20)}m_{012}^{(21)}+m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(20)}m_{003}^{(11)}\\
&+m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(21)}m_{012}^{(20)}-2m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(21)}m_{003}^{(10)}+2m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(22)}m_{012}^{(10)}\\
&-2m_{000}^{(10)}m_{100}^{(00)}m_{012}^{(10)}m_{003}^{(11)}+2m_{000}^{(10)}m_{100}^{(00)}m_{012}^{(11)}m_{003}^{(10)}+m_{000}^{(10)}m_{100}^{(10)}m_{201}^{(11)}m_{012}^{(22)}\\
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&+m_{000}^{(10)}m_{100}^{(10)}m_{201}^{(22)}m_{021}^{(21)}-m_{000}^{(10)}m_{100}^{(10)}m_{201}^{(22)}m_{012}^{(11)}-2m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(10)}m_{012}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(10)}m_{003}^{(21)}+2m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(20)}m_{021}^{(22)}-2m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(20)}m_{012}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(21)}m_{012}^{(20)}-2m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(21)}m_{003}^{(10)}-2m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(22)}m_{021}^{(20)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(22)}m_{012}^{(10)}+2m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(10)}m_{012}^{(21)}-2m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(10)}m_{003}^{(11)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(11)}m_{012}^{(20)}+2m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(11)}m_{003}^{(10)}-2m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(20)}m_{021}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(20)}m_{012}^{(11)}+2m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(21)}m_{021}^{(20)}-2m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(21)}m_{012}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{021}^{(00)}m_{012}^{(22)}-m_{000}^{(10)}m_{100}^{(10)}m_{021}^{(00)}m_{003}^{(21)}+m_{000}^{(10)}m_{100}^{(10)}m_{021}^{(21)}m_{003}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{021}^{(22)}m_{012}^{(00)}+m_{000}^{(10)}m_{100}^{(10)}m_{012}^{(00)}m_{003}^{(11)}-m_{000}^{(10)}m_{100}^{(10)}m_{012}^{(11)}m_{003}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{210}^{(20)}m_{012}^{(22)}+m_{000}^{(10)}m_{100}^{(11)}m_{210}^{(20)}m_{003}^{(21)}+m_{000}^{(10)}m_{100}^{(11)}m_{210}^{(21)}m_{102}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{210}^{(21)}m_{003}^{(20)}-m_{000}^{(10)}m_{100}^{(11)}m_{210}^{(22)}m_{102}^{(21)}+m_{000}^{(10)}m_{100}^{(11)}m_{210}^{(22)}m_{012}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{201}^{(11)}m_{102}^{(22)}+m_{000}^{(10)}m_{100}^{(11)}m_{201}^{(11)}m_{003}^{(20)}+m_{000}^{(10)}m_{100}^{(11)}m_{201}^{(20)}m_{012}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{201}^{(20)}m_{003}^{(11)}+m_{000}^{(10)}m_{100}^{(11)}m_{201}^{(21)}m_{111}^{(22)}-m_{000}^{(10)}m_{100}^{(11)}m_{201}^{(21)}m_{012}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{201}^{(22)}m_{111}^{(21)}+m_{000}^{(10)}m_{100}^{(11)}m_{201}^{(22)}m_{102}^{(11)}+m_{000}^{(10)}m_{100}^{(11)}m_{111}^{(00)}m_{012}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{111}^{(00)}m_{003}^{(21)}+m_{000}^{(10)}m_{100}^{(11)}m_{111}^{(21)}m_{003}^{(00)}-m_{000}^{(10)}m_{100}^{(11)}m_{111}^{(22)}m_{012}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{102}^{(00)}m_{012}^{(21)}+m_{000}^{(10)}m_{100}^{(11)}m_{102}^{(00)}m_{003}^{(11)}-m_{000}^{(10)}m_{100}^{(11)}m_{102}^{(11)}m_{003}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{102}^{(21)}m_{012}^{(00)}-2m_{000}^{(10)}m_{100}^{(20)}m_{210}^{(11)}m_{012}^{(22)}+2m_{000}^{(10)}m_{100}^{(20)}m_{210}^{(11)}m_{003}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{210}^{(21)}m_{021}^{(22)}-2m_{000}^{(10)}m_{100}^{(20)}m_{210}^{(21)}m_{003}^{(11)}-2m_{000}^{(10)}m_{100}^{(20)}m_{210}^{(22)}m_{021}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{210}^{(22)}m_{012}^{(11)}+m_{000}^{(10)}m_{100}^{(20)}m_{201}^{(11)}m_{021}^{(22)}-m_{000}^{(10)}m_{100}^{(20)}m_{201}^{(11)}m_{012}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{201}^{(21)}m_{030}^{(22)}+m_{000}^{(10)}m_{100}^{(20)}m_{201}^{(21)}m_{012}^{(11)}+m_{000}^{(10)}m_{100}^{(20)}m_{201}^{(22)}m_{030}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{201}^{(22)}m_{021}^{(11)}+3m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(10)}m_{012}^{(22)}-3m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(10)}m_{003}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(11)}m_{102}^{(22)}+m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(11)}m_{003}^{(20)}-3m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(20)}m_{021}^{(22)}\\
&+3m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(20)}m_{012}^{(21)}+m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(21)}m_{111}^{(22)}+m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(21)}m_{102}^{(21)}\\
&-4m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(21)}m_{012}^{(20)}+2m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(21)}m_{003}^{(10)}-m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(22)}m_{111}^{(21)}\\
&+3m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(22)}m_{021}^{(20)}-2m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(22)}m_{012}^{(10)}-m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(10)}m_{021}^{(22)}\\
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&+m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(11)}m_{102}^{(21)}+m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(11)}m_{012}^{(20)}-3m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(11)}m_{003}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(20)}m_{030}^{(22)}+2m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(20)}m_{021}^{(21)}-3m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(20)}m_{012}^{(11)}
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&-m_{000}^{(10)}m_{100}^{(20)}(m_{111}^{(21)})^2 - m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(21)}m_{102}^{(11)} + 4m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(21)}m_{012}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(22)}m_{030}^{(20)} - m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(22)}m_{021}^{(10)} + m_{000}^{(10)}m_{100}^{(20)}m_{102}^{(10)}m_{021}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{102}^{(10)}m_{012}^{(11)} + m_{000}^{(10)}m_{100}^{(20)}m_{102}^{(11)}m_{012}^{(10)} - m_{000}^{(10)}m_{100}^{(20)}m_{102}^{(20)}m_{030}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{102}^{(20)}m_{021}^{(11)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{102}^{(21)}m_{021}^{(10)} + m_{000}^{(10)}m_{100}^{(20)}m_{102}^{(22)}m_{030}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{030}^{(00)}m_{012}^{(22)} + m_{000}^{(10)}m_{100}^{(20)}m_{030}^{(00)}m_{003}^{(21)} - m_{000}^{(10)}m_{100}^{(20)}m_{030}^{(10)}m_{003}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{030}^{(20)}m_{012}^{(20)} + m_{000}^{(10)}m_{100}^{(20)}m_{021}^{(00)}m_{021}^{(22)} - m_{000}^{(10)}m_{100}^{(20)}m_{021}^{(00)}m_{003}^{(11)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{021}^{(10)}m_{012}^{(20)} + m_{000}^{(10)}m_{100}^{(20)}m_{021}^{(10)}m_{003}^{(10)} - m_{000}^{(10)}m_{100}^{(20)}(m_{021}^{(20)})^2\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{021}^{(20)}m_{012}^{(10)} - m_{000}^{(10)}m_{100}^{(20)}m_{021}^{(21)}m_{012}^{(00)} + m_{000}^{(10)}m_{100}^{(20)}m_{012}^{(00)}m_{012}^{(11)}\\
&-m_{000}^{(10)}m_{100}^{(20)}(m_{012}^{(10)})^2 + m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(10)}m_{012}^{(22)} - m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(10)}m_{003}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(11)}m_{102}^{(22)} - m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(11)}m_{003}^{(20)} + m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(20)}m_{021}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(20)}m_{012}^{(21)} - 3m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(21)}m_{111}^{(22)} - m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(21)}m_{102}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(21)}m_{012}^{(20)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(21)}m_{003}^{(10)} + 3m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(22)}m_{111}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(22)}m_{021}^{(20)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(22)}m_{012}^{(10)} - m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(10)}m_{012}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(10)}m_{003}^{(11)} - m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(11)}m_{111}^{(22)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(11)}m_{102}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(11)}m_{003}^{(10)} - m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(20)}m_{021}^{(21)} + m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(20)}m_{012}^{(11)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(21)}m_{120}^{(22)} + m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(21)}m_{111}^{(21)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(21)}m_{102}^{(11)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(22)}m_{120}^{(21)} + m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(22)}m_{021}^{(10)} - m_{000}^{(10)}m_{100}^{(21)}m_{120}^{(00)}m_{012}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{120}^{(00)}m_{003}^{(21)} - m_{000}^{(10)}m_{100}^{(21)}m_{120}^{(10)}m_{102}^{(22)} + m_{000}^{(10)}m_{100}^{(21)}m_{120}^{(10)}m_{003}^{(20)}\\
&+3m_{000}^{(10)}m_{100}^{(21)}m_{120}^{(20)}m_{111}^{(22)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{120}^{(20)}m_{102}^{(21)} - m_{000}^{(10)}m_{100}^{(21)}m_{120}^{(20)}m_{012}^{(20)}\\
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&-m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(00)}m_{003}^{(11)} + m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(10)}m_{111}^{(22)} + m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(10)}m_{102}^{(21)}\\
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&+2m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(11)}m_{003}^{(00)} - m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(20)}m_{111}^{(21)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(20)}m_{102}^{(11)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(20)}m_{021}^{(20)} + m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(20)}m_{012}^{(10)} - m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(21)}m_{102}^{(10)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(21)}m_{012}^{(00)} + m_{000}^{(10)}m_{100}^{(21)}m_{102}^{(00)}m_{021}^{(21)} - m_{000}^{(10)}m_{100}^{(21)}m_{102}^{(00)}m_{012}^{(11)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{102}^{(10)}m_{012}^{(10)} - m_{000}^{(10)}m_{100}^{(21)}m_{102}^{(20)}m_{021}^{(10)} - m_{000}^{(10)}m_{100}^{(22)}m_{210}^{(10)}m_{021}^{(22)}\\
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&+2m_{000}^{(10)}m_{100}^{(22)}m_{210}^{(22)}m_{021}^{(10)} + m_{000}^{(10)}m_{100}^{(22)}m_{201}^{(10)}m_{021}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{201}^{(10)}m_{012}^{(11)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{201}^{(11)}m_{021}^{(20)} + m_{000}^{(10)}m_{100}^{(22)}m_{201}^{(11)}m_{012}^{(10)} - m_{000}^{(10)}m_{100}^{(22)}m_{201}^{(21)}m_{120}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{201}^{(21)}m_{030}^{(20)} + m_{000}^{(10)}m_{100}^{(22)}m_{201}^{(22)}m_{120}^{(11)} - m_{000}^{(10)}m_{100}^{(22)}m_{201}^{(22)}m_{030}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{120}^{(00)}m_{021}^{(22)} - m_{000}^{(10)}m_{100}^{(22)}m_{120}^{(00)}m_{012}^{(21)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{120}^{(10)}m_{111}^{(22)}\\
&+3m_{000}^{(10)}m_{100}^{(22)}m_{120}^{(10)}m_{102}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{120}^{(10)}m_{012}^{(20)} - m_{000}^{(10)}m_{100}^{(22)}m_{120}^{(11)}m_{102}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{120}^{(20)}m_{111}^{(21)} + m_{000}^{(10)}m_{100}^{(22)}m_{120}^{(20)}m_{021}^{(10)} + m_{000}^{(10)}m_{100}^{(22)}m_{120}^{(21)}m_{111}^{(20)}\\
&-2m_{000}^{(10)}m_{100}^{(22)}m_{120}^{(21)}m_{102}^{(10)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{120}^{(21)}m_{012}^{(00)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{120}^{(22)}m_{111}^{(10)}\\
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&-m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(10)}m_{111}^{(21)} - 3m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(10)}m_{102}^{(11)} + m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(10)}m_{021}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(10)}m_{012}^{(10)} + m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(11)}m_{111}^{(20)} + 3m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(11)}m_{102}^{(10)}\\
&-2m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(11)}m_{012}^{(00)} - m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(20)}m_{030}^{(20)} - m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(20)}m_{021}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(21)}m_{021}^{(00)} + m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(22)}m_{030}^{(00)} - m_{000}^{(10)}m_{100}^{(22)}m_{102}^{(10)}m_{021}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{102}^{(11)}m_{021}^{(00)} + m_{000}^{(10)}m_{100}^{(22)}m_{102}^{(20)}m_{030}^{(10)} - m_{000}^{(10)}m_{100}^{(22)}m_{102}^{(21)}m_{030}^{(00)}\\
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&-m_{000}^{(10)}m_{010}^{(00)}m_{120}^{(21)}m_{003}^{(20)} - m_{000}^{(10)}m_{010}^{(00)}m_{120}^{(22)}m_{102}^{(21)} + m_{000}^{(10)}m_{010}^{(00)}m_{120}^{(22)}m_{012}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(00)}m_{111}^{(11)}m_{102}^{(22)} + m_{000}^{(10)}m_{010}^{(00)}m_{111}^{(11)}m_{003}^{(20)} + m_{000}^{(10)}m_{010}^{(00)}m_{111}^{(20)}m_{021}^{(22)}\\
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&-m_{000}^{(10)}m_{010}^{(00)}m_{102}^{(11)}m_{012}^{(20)} - m_{000}^{(10)}m_{010}^{(00)}m_{102}^{(20)}m_{021}^{(21)} + m_{000}^{(10)}m_{010}^{(00)}m_{102}^{(20)}m_{012}^{(11)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{102}^{(21)}m_{021}^{(20)} + m_{000}^{(10)}m_{010}^{(00)}m_{021}^{(00)}m_{012}^{(22)} - m_{000}^{(10)}m_{010}^{(00)}m_{021}^{(00)}m_{003}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{021}^{(21)}m_{003}^{(00)} - m_{000}^{(10)}m_{010}^{(00)}m_{021}^{(22)}m_{012}^{(00)} + m_{000}^{(10)}m_{010}^{(00)}m_{012}^{(00)}m_{003}^{(11)}\\
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&-m_{000}^{(10)}m_{010}^{(10)}m_{201}^{(20)}m_{021}^{(22)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{201}^{(20)}m_{012}^{(21)} - m_{000}^{(10)}m_{010}^{(10)}m_{201}^{(20)}m_{003}^{(11)}\\
&+2m_{000}^{(10)}m_{010}^{(10)}m_{201}^{(21)}m_{111}^{(22)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{201}^{(21)}m_{012}^{(20)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{201}^{(22)}m_{111}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(10)}m_{201}^{(22)}m_{102}^{(11)} + m_{000}^{(10)}m_{010}^{(10)}m_{201}^{(22)}m_{021}^{(20)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{111}^{(10)}m_{102}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(10)}m_{111}^{(10)}m_{003}^{(20)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{111}^{(20)}m_{102}^{(21)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{111}^{(20)}m_{003}^{(10)}\\
&+2m_{000}^{(10)}m_{010}^{(10)}m_{111}^{(21)}m_{102}^{(20)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{111}^{(22)}m_{102}^{(10)} + m_{000}^{(10)}m_{010}^{(10)}m_{102}^{(00)}m_{021}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(10)}m_{102}^{(00)}m_{012}^{(21)} + m_{000}^{(10)}m_{010}^{(10)}m_{102}^{(00)}m_{003}^{(11)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{102}^{(10)}m_{012}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(10)}m_{102}^{(11)}m_{003}^{(00)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{102}^{(20)}m_{012}^{(10)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{102}^{(21)}m_{012}^{(00)}\\
&-m_{000}^{(10)}m_{010}^{(10)}m_{102}^{(22)}m_{021}^{(00)} + m_{000}^{(10)}m_{010}^{(10)}m_{021}^{(00)}m_{003}^{(20)} - m_{000}^{(10)}m_{010}^{(10)}m_{021}^{(20)}m_{003}^{(00)}\\
&-2m_{000}^{(10)}m_{010}^{(10)}m_{012}^{(00)}m_{003}^{(10)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{012}^{(10)}m_{003}^{(00)} + m_{000}^{(10)}m_{010}^{(11)}m_{300}^{(20)}m_{012}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(11)}m_{300}^{(20)}m_{003}^{(21)} - m_{000}^{(10)}m_{010}^{(11)}m_{300}^{(21)}m_{102}^{(22)} + m_{000}^{(10)}m_{010}^{(11)}m_{300}^{(21)}m_{003}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(11)}m_{300}^{(22)}m_{102}^{(21)} - m_{000}^{(10)}m_{010}^{(11)}m_{300}^{(22)}m_{012}^{(20)} - m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(00)}m_{012}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(00)}m_{003}^{(21)} + 2m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(10)}m_{102}^{(22)} - 2m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(10)}m_{003}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(20)}m_{111}^{(22)} - m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(20)}m_{102}^{(21)} + 2m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(20)}m_{003}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(21)}m_{102}^{(20)} - m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(21)}m_{003}^{(00)} + m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(22)}m_{111}^{(20)}\\
&-2m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(22)}m_{102}^{(10)} + m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(22)}m_{012}^{(00)} - m_{000}^{(10)}m_{010}^{(11)}m_{111}^{(00)}m_{102}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(11)}m_{111}^{(00)}m_{003}^{(20)} - m_{000}^{(10)}m_{010}^{(11)}m_{111}^{(20)}m_{003}^{(00)} + m_{000}^{(10)}m_{010}^{(11)}m_{111}^{(22)}m_{102}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(11)}m_{102}^{(00)}m_{012}^{(20)} - 2m_{000}^{(10)}m_{010}^{(11)}m_{102}^{(00)}m_{003}^{(10)} + 2m_{000}^{(10)}m_{010}^{(11)}m_{102}^{(10)}m_{003}^{(00)}\\
&-m_{000}^{(10)}m_{010}^{(11)}m_{102}^{(20)}m_{012}^{(00)} + m_{000}^{(10)}m_{010}^{(20)}m_{210}^{(10)}m_{012}^{(22)} - m_{000}^{(10)}m_{010}^{(20)}m_{210}^{(10)}m_{003}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{210}^{(11)}m_{102}^{(22)} - m_{000}^{(10)}m_{010}^{(20)}m_{210}^{(11)}m_{003}^{(20)} + m_{000}^{(10)}m_{010}^{(20)}m_{210}^{(20)}m_{021}^{(22)}\\
&-3m_{000}^{(10)}m_{010}^{(20)}m_{210}^{(20)}m_{012}^{(21)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{210}^{(20)}m_{003}^{(11)} - 3m_{000}^{(10)}m_{010}^{(20)}m_{210}^{(21)}m_{111}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{210}^{(21)}m_{102}^{(21)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{210}^{(21)}m_{012}^{(20)} + 3m_{000}^{(10)}m_{010}^{(20)}m_{210}^{(22)}m_{111}^{(21)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{210}^{(22)}m_{102}^{(11)} - m_{000}^{(10)}m_{010}^{(20)}m_{210}^{(22)}m_{021}^{(20)} - m_{000}^{(10)}m_{010}^{(20)}m_{201}^{(10)}m_{021}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{201}^{(10)}m_{012}^{(21)} + m_{000}^{(10)}m_{010}^{(20)}m_{201}^{(20)}m_{021}^{(21)} - m_{000}^{(10)}m_{010}^{(20)}m_{201}^{(20)}m_{012}^{(11)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{201}^{(21)}m_{120}^{(22)} - m_{000}^{(10)}m_{010}^{(20)}m_{201}^{(21)}m_{111}^{(21)} - m_{000}^{(10)}m_{010}^{(20)}m_{201}^{(22)}m_{120}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{201}^{(22)}m_{111}^{(11)} - m_{000}^{(10)}m_{010}^{(20)}m_{120}^{(00)}m_{012}^{(22)} + m_{000}^{(10)}m_{010}^{(20)}m_{120}^{(00)}m_{003}^{(21)}
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&-m_{000}^{(10)}m_{010}^{(20)}m_{120}^{(10)}m_{102}^{(22)}+m_{000}^{(10)}m_{010}^{(20)}m_{120}^{(10)}m_{003}^{(20)}+3m_{000}^{(10)}m_{010}^{(20)}m_{120}^{(20)}m_{111}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{120}^{(20)}m_{102}^{(21)}+m_{000}^{(10)}m_{010}^{(20)}m_{120}^{(20)}m_{012}^{(20)}-2m_{000}^{(10)}m_{010}^{(20)}m_{120}^{(20)}m_{003}^{(10)}\\
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&+2m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(00)}m_{012}^{(21)}-2m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(00)}m_{003}^{(11)}-m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(10)}m_{111}^{(22)}\\
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&+2m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(20)}m_{102}^{(11)}-m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(20)}m_{021}^{(20)}+m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(10)}m_{012}^{(10)}\\
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&+m_{000}^{(10)}m_{010}^{(20)}m_{102}^{(20)}m_{021}^{(10)}-2m_{000}^{(10)}m_{010}^{(20)}m_{021}^{(00)}m_{012}^{(20)}+m_{000}^{(10)}m_{010}^{(20)}m_{021}^{(00)}m_{003}^{(10)}\\
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&+m_{000}^{(10)}m_{010}^{(21)}m_{300}^{(10)}m_{003}^{(21)}+m_{000}^{(10)}m_{010}^{(21)}m_{300}^{(11)}m_{102}^{(22)}-m_{000}^{(10)}m_{010}^{(21)}m_{300}^{(11)}m_{003}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{300}^{(20)}m_{021}^{(22)}+m_{000}^{(10)}m_{010}^{(21)}m_{300}^{(20)}m_{012}^{(21)}+m_{000}^{(10)}m_{010}^{(21)}m_{300}^{(21)}m_{111}^{(22)}\\
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&+2m_{000}^{(10)}m_{010}^{(21)}m_{210}^{(22)}m_{102}^{(10)}+m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(00)}m_{021}^{(22)}-m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(00)}m_{012}^{(21)}\\
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&+2m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(20)}m_{120}^{(22)}-2m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(20)}m_{111}^{(21)}+m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(20)}m_{102}^{(11)}\\
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&+m_{000}^{(10)}m_{010}^{(21)}m_{111}^{(20)}m_{012}^{(00)}+3m_{000}^{(10)}m_{010}^{(21)}m_{111}^{(21)}m_{102}^{(00)}-m_{000}^{(10)}m_{010}^{(21)}m_{102}^{(00)}m_{102}^{(11)}\\
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&+m_{000}^{(10)}m_{010}^{(22)}m_{300}^{(21)}m_{111}^{(21)}-m_{000}^{(10)}m_{010}^{(22)}m_{300}^{(21)}m_{021}^{(20)}-m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(00)}m_{021}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(00)}m_{012}^{(21)}+2m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(10)}m_{111}^{(22)}+m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(10)}m_{102}^{(21)}\\
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&+2m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(20)}m_{012}^{(10)}-m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(21)}m_{201}^{(21)}+m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(21)}m_{111}^{(20)}\\
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&+m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(10)}m_{111}^{(21)}+m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(10)}m_{012}^{(10)}-m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(11)}m_{111}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(11)}m_{012}^{(00)}+m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(20)}m_{111}^{(11)}-m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(20)}m_{021}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(21)}m_{120}^{(20)}-m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(21)}m_{111}^{(10)}+m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(21)}m_{021}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(22)}m_{120}^{(10)}-m_{000}^{(10)}m_{010}^{(22)}m_{120}^{(00)}m_{111}^{(22)}-m_{000}^{(10)}m_{010}^{(22)}m_{120}^{(00)}m_{102}^{(21)}\\
&+2m_{000}^{(10)}m_{010}^{(22)}m_{120}^{(00)}m_{012}^{(20)}-m_{000}^{(10)}m_{010}^{(22)}m_{120}^{(10)}m_{102}^{(20)}-m_{000}^{(10)}m_{010}^{(22)}m_{120}^{(20)}m_{111}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(22)}m_{120}^{(20)}m_{102}^{(10)}-2m_{000}^{(10)}m_{010}^{(22)}m_{120}^{(20)}m_{012}^{(00)}+2m_{000}^{(10)}m_{010}^{(22)}m_{120}^{(22)}m_{111}^{(00)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{111}^{(00)}m_{111}^{(21)}+2m_{000}^{(10)}m_{010}^{(22)}m_{111}^{(00)}m_{102}^{(11)}-3m_{000}^{(10)}m_{010}^{(22)}m_{111}^{(00)}m_{012}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{111}^{(10)}m_{111}^{(20)}-m_{000}^{(10)}m_{010}^{(22)}m_{111}^{(10)}m_{102}^{(10)}+3m_{000}^{(10)}m_{010}^{(22)}m_{111}^{(10)}m_{012}^{(00)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{111}^{(11)}m_{102}^{(00)}+m_{000}^{(10)}m_{010}^{(22)}m_{102}^{(00)}m_{021}^{(10)}-m_{000}^{(10)}m_{010}^{(22)}m_{102}^{(10)}m_{021}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(20)}m_{012}^{(21)}-m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(20)}m_{003}^{(11)}-m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(21)}m_{102}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(21)}m_{003}^{(10)}+m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(22)}m_{102}^{(11)}-m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(22)}m_{012}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(10)}m_{021}^{(22)}-2m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(10)}m_{012}^{(21)}+m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(10)}m_{003}^{(11)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(11)}m_{111}^{(22)}+2m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(11)}m_{102}^{(21)}-m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(11)}m_{003}^{(10)}\\
&-2m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(20)}m_{021}^{(21)}+2m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(20)}m_{012}^{(11)}+m_{000}^{(10)}m_{001}^{(00)}(m_{111}^{(21)})^2\\
&-2m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(21)}m_{102}^{(11)}+m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(22)}m_{021}^{(10)}-m_{000}^{(10)}m_{001}^{(00)}m_{102}^{(10)}m_{030}^{(22)}\\
&+2m_{000}^{(10)}m_{001}^{(00)}m_{102}^{(10)}m_{021}^{(21)}-m_{000}^{(10)}m_{001}^{(00)}m_{102}^{(10)}m_{012}^{(11)}+m_{000}^{(10)}m_{001}^{(00)}m_{102}^{(11)}m_{012}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{102}^{(20)}m_{030}^{(21)}-m_{000}^{(10)}m_{001}^{(00)}m_{102}^{(20)}m_{021}^{(11)}-m_{000}^{(10)}m_{001}^{(00)}m_{102}^{(21)}m_{021}^{(10)}\\
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&+m_{000}^{(10)}m_{001}^{(00)}(m_{012}^{(10)})^2+m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(10)}m_{021}^{(22)}-2m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(10)}m_{012}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(10)}m_{003}^{(11)}-m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(11)}m_{111}^{(22)}+2m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(11)}m_{102}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(11)}m_{003}^{(10)}-2m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(21)}m_{102}^{(11)}+2m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(21)}m_{012}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(22)}m_{111}^{(11)}-m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(22)}m_{021}^{(10)}-m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(00)}m_{021}^{(22)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(00)}m_{012}^{(21)}-m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(00)}m_{003}^{(11)}-2m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(10)}m_{102}^{(21)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(10)}m_{012}^{(20)}-2m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(11)}m_{102}^{(20)}+m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(11)}m_{003}^{(00)}\\
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&+2m_{000}^{(10)}m_{001}^{(10)}m_{102}^{(20)}m_{021}^{(10)}-2m_{000}^{(10)}m_{001}^{(10)}m_{021}^{(00)}m_{012}^{(20)}+m_{000}^{(10)}m_{001}^{(10)}m_{021}^{(00)}m_{003}^{(10)}\\
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&-m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(00)}m_{003}^{(11)}-m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(10)}m_{111}^{(22)}-m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(10)}m_{102}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(10)}m_{012}^{(20)}+m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(10)}m_{003}^{(10)}+m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(11)}m_{201}^{(22)}\\
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&-m_{000}^{(10)}m_{001}^{(11)}(m_{201}^{(21)})^2+2m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(21)}m_{102}^{(10)}-m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(22)}m_{111}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(00)}m_{111}^{(22)}-2m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(00)}m_{012}^{(20)}+m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(00)}m_{003}^{(10)}\\
&+2m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(10)}m_{102}^{(20)}-m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(10)}m_{003}^{(00)}-m_{000}^{(10)}m_{001}^{(11)}(m_{111}^{(20)})^2\\
&+2m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(20)}m_{012}^{(00)}-2m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(21)}m_{102}^{(00)}+m_{000}^{(10)}m_{001}^{(11)}m_{102}^{(00)}m_{102}^{(11)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{102}^{(00)}m_{012}^{(10)}-m_{000}^{(10)}m_{001}^{(11)}(m_{102}^{(10)})^2-m_{000}^{(10)}m_{001}^{(11)}m_{102}^{(10)}m_{012}^{(00)}\\
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&+2m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(11)}m_{111}^{(22)}-3m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(11)}m_{102}^{(21)}+m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(11)}m_{003}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(20)}m_{021}^{(21)}-m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(20)}m_{012}^{(11)}-m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(21)}m_{111}^{(21)}\\
&+3m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(21)}m_{102}^{(11)}-2m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(21)}m_{012}^{(10)}-m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(22)}m_{111}^{(11)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(22)}m_{021}^{(10)}+m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(10)}m_{030}^{(22)}-m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(10)}m_{021}^{(21)}\\
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&+m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(20)}m_{021}^{(11)}+m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(21)}m_{120}^{(21)}-m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(21)}m_{111}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(00)}m_{021}^{(22)}-3m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(00)}m_{012}^{(21)}+m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(00)}m_{003}^{(11)}\\
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&+m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(11)}m_{102}^{(20)}-m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(11)}m_{003}^{(00)}-m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(20)}m_{111}^{(21)}\\
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&-4m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(21)}m_{102}^{(10)}+2m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(21)}m_{012}^{(00)}+2m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(22)}m_{111}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(22)}m_{021}^{(00)}-m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(00)}m_{030}^{(22)}+m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(00)}m_{012}^{(11)}\\
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&-m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(10)}m_{012}^{(10)}-m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(11)}m_{111}^{(20)}+3m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(11)}m_{102}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(20)}m_{030}^{(20)}-m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(20)}m_{021}^{(10)}+m_{000}^{(10)}m_{001}^{(20)}m_{102}^{(00)}m_{030}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{102}^{(00)}m_{021}^{(11)}+m_{000}^{(10)}m_{001}^{(20)}m_{102}^{(10)}m_{021}^{(10)}-m_{000}^{(10)}m_{001}^{(20)}m_{102}^{(20)}m_{030}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{030}^{(00)}m_{012}^{(20)}-m_{000}^{(10)}m_{001}^{(20)}m_{030}^{(00)}m_{003}^{(10)}+m_{000}^{(10)}m_{001}^{(20)}m_{030}^{(10)}m_{003}^{(00)}\\
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&+m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(10)}m_{012}^{(21)}-m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(10)}m_{003}^{(11)}-m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(11)}m_{102}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(11)}m_{003}^{(10)}+m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(20)}m_{021}^{(21)}-m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(20)}m_{012}^{(11)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(21)}m_{111}^{(21)}+m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(21)}m_{102}^{(11)}+m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(22)}m_{111}^{(11)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(22)}m_{021}^{(10)}-m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(00)}m_{012}^{(21)}+m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(00)}m_{003}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(10)}m_{111}^{(22)}+m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(10)}m_{102}^{(21)}-3m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(10)}m_{012}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(11)}m_{201}^{(22)}+3m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(11)}m_{102}^{(20)}-m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(11)}m_{003}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(20)}m_{111}^{(21)}-2m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(20)}m_{102}^{(11)}-m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(20)}m_{021}^{(20)}\\
&+4m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(20)}m_{012}^{(10)}+m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(21)}m_{201}^{(21)}+m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(21)}m_{111}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(21)}m_{102}^{(10)}+m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(22)}m_{201}^{(11)}-2m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(22)}m_{111}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(22)}m_{021}^{(00)}-m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(00)}m_{021}^{(21)}+m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(00)}m_{012}^{(11)}\\
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&-m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(10)}m_{012}^{(10)}-m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(11)}m_{102}^{(10)}-m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(20)}m_{120}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(20)}m_{021}^{(10)}-m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(21)}m_{111}^{(10)}+2m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(22)}m_{120}^{(10)}\\
&-2m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(00)}m_{111}^{(22)}+3m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(00)}m_{012}^{(20)}-m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(00)}m_{003}^{(10)}
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&-3m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(10)}m_{102}^{(20)} + m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(10)}m_{003}^{(00)} + m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(20)}m_{111}^{(20)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(20)}m_{102}^{(10)} - 3m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(20)}m_{012}^{(00)} + m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(21)}m_{102}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(22)}m_{111}^{(00)} + m_{000}^{(10)}m_{001}^{(21)}m_{111}^{(00)}m_{111}^{(21)} + m_{000}^{(10)}m_{001}^{(21)}m_{111}^{(00)}m_{021}^{(20)}\\
&-3m_{000}^{(10)}m_{001}^{(21)}m_{111}^{(00)}m_{012}^{(10)} - m_{000}^{(10)}m_{001}^{(21)}m_{111}^{(10)}m_{111}^{(20)} + m_{000}^{(10)}m_{001}^{(21)}m_{111}^{(10)}m_{102}^{(10)}\\
&+3m_{000}^{(10)}m_{001}^{(21)}m_{111}^{(10)}m_{012}^{(00)} - m_{000}^{(10)}m_{001}^{(21)}m_{111}^{(11)}m_{102}^{(00)} - m_{000}^{(10)}m_{001}^{(21)}m_{111}^{(20)}m_{021}^{(00)}\\
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&+m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(00)}m_{021}^{(21)} - m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(00)}m_{012}^{(11)} - 4m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(10)}m_{111}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(10)}m_{102}^{(11)} + 3m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(10)}m_{021}^{(20)} + 3m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(11)}m_{201}^{(21)}\\
&-3m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(11)}m_{111}^{(20)} - m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(11)}m_{102}^{(10)} + m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(11)}m_{012}^{(00)}\\
&+3m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(20)}m_{111}^{(11)} - 3m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(20)}m_{021}^{(10)} - 3m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(21)}m_{201}^{(11)}\\
&+4m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(21)}m_{111}^{(10)} - m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(21)}m_{021}^{(00)} + 3m_{000}^{(10)}m_{001}^{(22)}m_{201}^{(10)}m_{201}^{(21)}m_{120}\\
&-2m_{000}^{(10)}m_{001}^{(22)}m_{201}^{(10)}m_{111}^{(11)} - m_{000}^{(10)}m_{001}^{(22)}m_{201}^{(10)}m_{030}^{(20)} + m_{000}^{(10)}m_{001}^{(22)}m_{201}^{(11)}m_{120}^{(20)}\\
&+2m_{000}^{(10)}m_{001}^{(22)}m_{201}^{(11)}m_{111}^{(10)} - m_{000}^{(10)}m_{001}^{(22)}m_{201}^{(20)}m_{120}^{(11)} + m_{000}^{(10)}m_{001}^{(22)}m_{201}^{(20)}m_{030}^{(10)}\\
&-3m_{000}^{(10)}m_{001}^{(22)}m_{201}^{(21)}m_{120}^{(10)} + 3m_{000}^{(10)}m_{001}^{(22)}m_{120}^{(00)}m_{111}^{(21)} - m_{000}^{(10)}m_{001}^{(22)}m_{120}^{(00)}m_{102}^{(11)}\\
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&+3m_{000}^{(10)}m_{001}^{(22)}m_{120}^{(20)}m_{021}^{(00)} - 3m_{000}^{(10)}m_{001}^{(22)}m_{120}^{(21)}m_{111}^{(00)} + m_{000}^{(10)}m_{001}^{(22)}m_{111}^{(00)}m_{030}^{(20)}\\
&+2m_{000}^{(10)}m_{001}^{(22)}m_{111}^{(00)}m_{021}^{(10)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{111}^{(10)}m_{021}^{(00)} - m_{000}^{(10)}m_{001}^{(22)}m_{111}^{(20)}m_{030}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(22)}m_{102}^{(00)}m_{030}^{(10)} + m_{000}^{(10)}m_{001}^{(22)}m_{102}^{(10)}m_{030}^{(00)} - m_{000}^{(11)}m_{100}^{(00)}m_{201}^{(11)}m_{012}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{201}^{(11)}m_{003}^{(21)} + m_{000}^{(11)}m_{100}^{(00)}m_{201}^{(21)}m_{021}^{(22)} - m_{000}^{(11)}m_{100}^{(00)}m_{201}^{(21)}m_{003}^{(11)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{201}^{(22)}m_{021}^{(21)} + m_{000}^{(11)}m_{100}^{(00)}m_{201}^{(22)}m_{012}^{(11)} - m_{000}^{(11)}m_{100}^{(00)}m_{120}^{(20)}m_{012}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{120}^{(20)}m_{003}^{(21)} + m_{000}^{(11)}m_{100}^{(00)}m_{120}^{(21)}m_{102}^{(22)} - m_{000}^{(11)}m_{100}^{(00)}m_{120}^{(21)}m_{003}^{(20)}\\
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&-m_{000}^{(11)}m_{100}^{(00)}m_{111}^{(20)}m_{021}^{(22)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{111}^{(20)}m_{012}^{(21)} - m_{000}^{(11)}m_{100}^{(00)}m_{111}^{(20)}m_{003}^{(11)}\\
&-2m_{000}^{(11)}m_{100}^{(00)}m_{111}^{(21)}m_{012}^{(20)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{111}^{(21)}m_{003}^{(10)} + m_{000}^{(11)}m_{100}^{(00)}m_{111}^{(22)}m_{102}^{(11)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{111}^{(22)}m_{021}^{(20)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{111}^{(22)}m_{012}^{(10)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{102}^{(10)}m_{012}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(00)}m_{102}^{(10)}m_{003}^{(11)} + m_{000}^{(11)}m_{100}^{(00)}m_{102}^{(11)}m_{012}^{(20)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{102}^{(11)}m_{003}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{102}^{(20)}m_{021}^{(21)} - m_{000}^{(11)}m_{100}^{(00)}m_{102}^{(20)}m_{012}^{(11)} - m_{000}^{(11)}m_{100}^{(00)}m_{102}^{(21)}m_{021}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(00)}m_{102}^{(21)}m_{012}^{(10)} + m_{000}^{(11)}m_{100}^{(10)}m_{210}^{(20)}m_{012}^{(22)} - m_{000}^{(11)}m_{100}^{(10)}m_{210}^{(20)}m_{003}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{210}^{(21)}m_{102}^{(22)} + m_{000}^{(11)}m_{100}^{(10)}m_{210}^{(21)}m_{003}^{(20)} + m_{000}^{(11)}m_{100}^{(10)}m_{210}^{(22)}m_{102}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{210}^{(22)}m_{012}^{(20)} + m_{000}^{(11)}m_{100}^{(10)}m_{201}^{(11)}m_{102}^{(22)} - m_{000}^{(11)}m_{100}^{(10)}m_{201}^{(11)}m_{003}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{201}^{(20)}m_{012}^{(21)} + m_{000}^{(11)}m_{100}^{(10)}m_{201}^{(20)}m_{003}^{(11)} - m_{000}^{(11)}m_{100}^{(10)}m_{201}^{(21)}m_{111}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{201}^{(21)}m_{012}^{(20)} + m_{000}^{(11)}m_{100}^{(10)}m_{201}^{(22)}m_{111}^{(21)} - m_{000}^{(11)}m_{100}^{(10)}m_{201}^{(22)}m_{102}^{(11)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{111}^{(00)}m_{012}^{(22)} + m_{000}^{(11)}m_{100}^{(10)}m_{111}^{(00)}m_{003}^{(21)} - m_{000}^{(11)}m_{100}^{(10)}m_{111}^{(21)}m_{003}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{111}^{(22)}m_{012}^{(00)} + m_{000}^{(11)}m_{100}^{(10)}m_{102}^{(00)}m_{012}^{(21)} - m_{000}^{(11)}m_{100}^{(10)}m_{102}^{(00)}m_{003}^{(11)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{102}^{(11)}m_{003}^{(00)} - m_{000}^{(11)}m_{100}^{(10)}m_{102}^{(21)}m_{012}^{(00)} + m_{000}^{(11)}m_{100}^{(20)}m_{300}^{(11)}m_{012}^{(22)}
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&-m_{000}^{(11)}m_{100}^{(20)}m_{300}^{(11)}m_{003}^{(21)} - m_{000}^{(11)}m_{100}^{(20)}m_{300}^{(21)}m_{021}^{(22)} + m_{000}^{(11)}m_{100}^{(20)}m_{300}^{(21)}m_{003}^{(11)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{300}^{(22)}m_{021}^{(21)} - m_{000}^{(11)}m_{100}^{(20)}m_{300}^{(22)}m_{012}^{(11)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{210}^{(10)}m_{012}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{210}^{(10)}m_{003}^{(21)} + m_{000}^{(11)}m_{100}^{(20)}m_{210}^{(11)}m_{102}^{(22)} - m_{000}^{(11)}m_{100}^{(20)}m_{210}^{(11)}m_{003}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{210}^{(20)}m_{021}^{(22)} - m_{000}^{(11)}m_{100}^{(20)}m_{210}^{(20)}m_{012}^{(21)} - m_{000}^{(11)}m_{100}^{(20)}m_{210}^{(21)}m_{102}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{210}^{(21)}m_{012}^{(20)} - m_{000}^{(11)}m_{100}^{(20)}m_{210}^{(21)}m_{003}^{(10)} - m_{000}^{(11)}m_{100}^{(20)}m_{210}^{(22)}m_{021}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{210}^{(22)}m_{012}^{(10)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{201}^{(10)}m_{012}^{(21)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{201}^{(10)}m_{003}^{(11)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{201}^{(11)}m_{111}^{(22)} - m_{000}^{(11)}m_{100}^{(20)}m_{201}^{(11)}m_{102}^{(21)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{201}^{(11)}m_{003}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{201}^{(20)}m_{021}^{(21)} + m_{000}^{(11)}m_{100}^{(20)}m_{201}^{(20)}m_{012}^{(11)} + m_{000}^{(11)}m_{100}^{(20)}m_{201}^{(21)}m_{120}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{201}^{(21)}m_{111}^{(21)} + m_{000}^{(11)}m_{100}^{(20)}m_{201}^{(21)}m_{102}^{(11)} - 3m_{000}^{(11)}m_{100}^{(20)}m_{201}^{(21)}m_{012}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{201}^{(22)}m_{120}^{(21)} + m_{000}^{(11)}m_{100}^{(20)}m_{201}^{(22)}m_{021}^{(10)} + m_{000}^{(11)}m_{100}^{(20)}m_{120}^{(00)}m_{012}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{120}^{(00)}m_{003}^{(21)} - m_{000}^{(11)}m_{100}^{(20)}m_{120}^{(10)}m_{102}^{(22)} + m_{000}^{(11)}m_{100}^{(20)}m_{120}^{(10)}m_{003}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{120}^{(20)}m_{111}^{(22)} - m_{000}^{(11)}m_{100}^{(20)}m_{120}^{(20)}m_{012}^{(20)} + m_{000}^{(11)}m_{100}^{(20)}m_{120}^{(21)}m_{102}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{120}^{(22)}m_{111}^{(20)} - m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(00)}m_{012}^{(21)} + m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(00)}m_{003}^{(11)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(10)}m_{111}^{(22)} + m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(10)}m_{102}^{(21)} - m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(10)}m_{012}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(10)}m_{003}^{(10)} - m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(20)}m_{111}^{(21)} + m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(20)}m_{021}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(20)}m_{012}^{(10)} - m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(21)}m_{102}^{(10)} + m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(21)}m_{012}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(22)}m_{021}^{(00)} + m_{000}^{(11)}m_{100}^{(20)}m_{102}^{(10)}m_{012}^{(10)} - m_{000}^{(11)}m_{100}^{(20)}m_{102}^{(11)}m_{012}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{102}^{(20)}m_{021}^{(10)} + m_{000}^{(11)}m_{100}^{(20)}m_{102}^{(21)}m_{021}^{(00)} - m_{000}^{(11)}m_{100}^{(21)}m_{300}^{(11)}m_{102}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{300}^{(11)}m_{003}^{(20)} + m_{000}^{(11)}m_{100}^{(21)}m_{300}^{(21)}m_{111}^{(22)} + m_{000}^{(11)}m_{100}^{(21)}m_{300}^{(21)}m_{102}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{300}^{(21)}m_{012}^{(20)} - m_{000}^{(11)}m_{100}^{(21)}m_{300}^{(21)}m_{003}^{(10)} - m_{000}^{(11)}m_{100}^{(21)}m_{300}^{(22)}m_{111}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{300}^{(22)}m_{012}^{(10)} + m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(10)}m_{102}^{(22)} - m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(10)}m_{003}^{(20)}\\
&-2m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(20)}m_{111}^{(22)} + m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(20)}m_{102}^{(21)} + m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(20)}m_{012}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(21)}m_{201}^{(22)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(21)}m_{102}^{(20)} + m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(21)}m_{003}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(22)}m_{201}^{(21)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(22)}m_{111}^{(20)} - m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(22)}m_{012}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(10)}m_{102}^{(21)} + m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(10)}m_{003}^{(10)} + m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(11)}m_{201}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(11)}m_{003}^{(00)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(20)}m_{111}^{(21)} - m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(20)}m_{102}^{(11)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(20)}m_{012}^{(10)} - m_{000}^{(11)}m_{100}^{(21)}(m_{201}^{(21)})^2 + 2m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(21)}m_{102}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(21)}m_{012}^{(00)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(22)}m_{111}^{(10)} + m_{000}^{(11)}m_{100}^{(21)}m_{111}^{(00)}m_{111}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{111}^{(00)}m_{102}^{(21)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{111}^{(10)}m_{102}^{(20)} - m_{000}^{(11)}m_{100}^{(21)}(m_{111}^{(20)})^2\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{111}^{(21)}m_{102}^{(00)} + m_{000}^{(11)}m_{100}^{(21)}m_{102}^{(00)}m_{102}^{(11)} - m_{000}^{(11)}m_{100}^{(21)}(m_{102}^{(10)})^2\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{300}^{(11)}m_{102}^{(21)} - m_{000}^{(11)}m_{100}^{(22)}m_{300}^{(11)}m_{012}^{(20)} - m_{000}^{(11)}m_{100}^{(22)}m_{300}^{(21)}m_{111}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{300}^{(21)}m_{102}^{(11)} + m_{000}^{(11)}m_{100}^{(22)}m_{300}^{(21)}m_{021}^{(20)} + m_{000}^{(11)}m_{100}^{(22)}m_{300}^{(21)}m_{012}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{300}^{(22)}m_{111}^{(11)} - m_{000}^{(11)}m_{100}^{(22)}m_{300}^{(22)}m_{021}^{(10)} + m_{000}^{(11)}m_{100}^{(22)}m_{210}^{(10)}m_{111}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(22)}m_{210}^{(10)}m_{102}^{(21)} + m_{000}^{(11)}m_{100}^{(22)}m_{210}^{(10)}m_{012}^{(20)} - m_{000}^{(11)}m_{100}^{(22)}m_{210}^{(11)}m_{201}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{210}^{(11)}m_{102}^{(20)} + m_{000}^{(11)}m_{100}^{(22)}m_{210}^{(20)}m_{111}^{(21)} - m_{000}^{(11)}m_{100}^{(22)}m_{210}^{(20)}m_{021}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{210}^{(21)}m_{201}^{(21)} - m_{000}^{(11)}m_{100}^{(22)}m_{210}^{(21)}m_{111}^{(20)} + m_{000}^{(11)}m_{100}^{(22)}m_{210}^{(21)}m_{102}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{210}^{(21)}m_{012}^{(00)} - m_{000}^{(11)}m_{100}^{(22)}m_{210}^{(22)}m_{111}^{(10)} + m_{000}^{(11)}m_{100}^{(22)}m_{210}^{(22)}m_{021}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(10)}m_{111}^{(21)} + 2m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(10)}m_{102}^{(11)} - m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(10)}m_{012}^{(10)}
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&+m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(11)}m_{111}^{(20)} - 2m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(11)}m_{102}^{(10)} + m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(11)}m_{012}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(20)}m_{111}^{(11)} + m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(20)}m_{021}^{(10)} - m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(21)}m_{120}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(21)}m_{111}^{(10)} - m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(21)}m_{021}^{(00)} + m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(22)}m_{120}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{120}^{(00)}m_{111}^{(22)} + m_{000}^{(11)}m_{100}^{(22)}m_{120}^{(00)}m_{102}^{(21)} - m_{000}^{(11)}m_{100}^{(22)}m_{120}^{(10)}m_{102}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{120}^{(20)}m_{111}^{(20)} + m_{000}^{(11)}m_{100}^{(22)}m_{111}^{(00)}m_{111}^{(21)} - m_{000}^{(11)}m_{100}^{(22)}m_{111}^{(00)}m_{102}^{(11)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{111}^{(10)}m_{111}^{(20)} + m_{000}^{(11)}m_{100}^{(22)}m_{111}^{(10)}m_{102}^{(10)} + m_{000}^{(11)}m_{010}^{(00)}m_{210}^{(20)}m_{012}^{(22)}\\
&-m_{000}^{(11)}m_{010}^{(00)}m_{210}^{(20)}m_{003}^{(21)} - m_{000}^{(11)}m_{010}^{(00)}m_{210}^{(21)}m_{102}^{(22)} + m_{000}^{(11)}m_{010}^{(00)}m_{210}^{(21)}m_{003}^{(20)}\\
&+m_{000}^{(11)}m_{010}^{(00)}m_{210}^{(22)}m_{102}^{(21)} - m_{000}^{(11)}m_{010}^{(00)}m_{210}^{(22)}m_{012}^{(20)} + m_{000}^{(11)}m_{010}^{(00)}m_{201}^{(11)}m_{102}^{(22)}\\
&-m_{000}^{(11)}m_{010}^{(00)}m_{201}^{(11)}m_{003}^{(20)} - m_{000}^{(11)}m_{010}^{(00)}m_{201}^{(20)}m_{012}^{(21)} + m_{000}^{(11)}m_{010}^{(00)}m_{201}^{(20)}m_{003}^{(11)}\\
&-m_{000}^{(11)}m_{010}^{(00)}m_{201}^{(21)}m_{111}^{(22)} + m_{000}^{(11)}m_{010}^{(00)}m_{201}^{(21)}m_{012}^{(20)} + m_{000}^{(11)}m_{010}^{(00)}m_{201}^{(22)}m_{111}^{(21)}\\
&-m_{000}^{(11)}m_{010}^{(00)}m_{201}^{(22)}m_{102}^{(11)} - m_{000}^{(11)}m_{010}^{(00)}m_{111}^{(00)}m_{012}^{(22)} + m_{000}^{(11)}m_{010}^{(00)}m_{111}^{(00)}m_{003}^{(21)}\\
&-m_{000}^{(11)}m_{010}^{(00)}m_{111}^{(21)}m_{003}^{(00)} + m_{000}^{(11)}m_{010}^{(00)}m_{111}^{(22)}m_{012}^{(00)} + m_{000}^{(11)}m_{010}^{(00)}m_{102}^{(00)}m_{012}^{(21)}\\
&-m_{000}^{(11)}m_{010}^{(00)}m_{102}^{(00)}m_{003}^{(11)} + m_{000}^{(11)}m_{010}^{(00)}m_{102}^{(11)}m_{003}^{(00)} - m_{000}^{(11)}m_{010}^{(00)}m_{102}^{(21)}m_{012}^{(00)}\\
&-m_{000}^{(11)}m_{010}^{(10)}m_{300}^{(20)}m_{012}^{(22)} + m_{000}^{(11)}m_{010}^{(10)}m_{300}^{(20)}m_{003}^{(21)} + m_{000}^{(11)}m_{010}^{(10)}m_{300}^{(21)}m_{102}^{(22)}\\
&-m_{000}^{(11)}m_{010}^{(10)}m_{300}^{(21)}m_{003}^{(20)} - m_{000}^{(11)}m_{010}^{(10)}m_{300}^{(22)}m_{102}^{(21)} + m_{000}^{(11)}m_{010}^{(10)}m_{300}^{(22)}m_{012}^{(20)}\\
&+m_{000}^{(11)}m_{010}^{(10)}m_{201}^{(00)}m_{012}^{(22)} - m_{000}^{(11)}m_{010}^{(10)}m_{201}^{(00)}m_{003}^{(21)} - 2m_{000}^{(11)}m_{010}^{(10)}m_{201}^{(10)}m_{102}^{(22)}\\
&+2m_{000}^{(11)}m_{010}^{(10)}m_{201}^{(10)}m_{003}^{(20)} + m_{000}^{(11)}m_{010}^{(10)}m_{201}^{(20)}m_{111}^{(22)} + m_{000}^{(11)}m_{010}^{(10)}m_{201}^{(20)}m_{102}^{(21)}\\
&-2m_{000}^{(11)}m_{010}^{(10)}m_{201}^{(20)}m_{003}^{(10)} - m_{000}^{(11)}m_{010}^{(10)}m_{201}^{(21)}m_{102}^{(20)} + m_{000}^{(11)}m_{010}^{(10)}m_{201}^{(21)}m_{003}^{(00)}\\
&-m_{000}^{(11)}m_{010}^{(10)}m_{201}^{(22)}m_{111}^{(20)} + 2m_{000}^{(11)}m_{010}^{(10)}m_{201}^{(22)}m_{102}^{(10)} - m_{000}^{(11)}m_{010}^{(10)}m_{201}^{(22)}m_{012}^{(00)}\\
&+m_{000}^{(11)}m_{010}^{(10)}m_{111}^{(00)}m_{102}^{(22)} - m_{000}^{(11)}m_{010}^{(10)}m_{111}^{(00)}m_{003}^{(20)} + m_{000}^{(11)}m_{010}^{(10)}m_{111}^{(20)}m_{003}^{(00)}\\
&-m_{000}^{(11)}m_{010}^{(10)}m_{111}^{(22)}m_{102}^{(00)} - m_{000}^{(11)}m_{010}^{(10)}m_{102}^{(00)}m_{012}^{(20)} + 2m_{000}^{(11)}m_{010}^{(10)}m_{102}^{(00)}m_{003}^{(10)}\\
&-2m_{000}^{(11)}m_{010}^{(10)}m_{102}^{(10)}m_{003}^{(00)} + m_{000}^{(11)}m_{010}^{(10)}m_{102}^{(20)}m_{012}^{(00)} - m_{000}^{(11)}m_{010}^{(20)}m_{300}^{(11)}m_{102}^{(22)}\\
&+m_{000}^{(11)}m_{010}^{(20)}m_{300}^{(11)}m_{003}^{(20)} + m_{000}^{(11)}m_{010}^{(20)}m_{300}^{(20)}m_{012}^{(21)} - m_{000}^{(11)}m_{010}^{(20)}m_{300}^{(20)}m_{003}^{(11)}\\
&+m_{000}^{(11)}m_{010}^{(20)}m_{300}^{(21)}m_{111}^{(22)} - m_{000}^{(11)}m_{010}^{(20)}m_{300}^{(21)}m_{012}^{(20)} - m_{000}^{(11)}m_{010}^{(20)}m_{300}^{(22)}m_{111}^{(21)}\\
&+m_{000}^{(11)}m_{010}^{(20)}m_{300}^{(22)}m_{102}^{(11)} + m_{000}^{(11)}m_{010}^{(20)}m_{210}^{(10)}m_{102}^{(22)} - m_{000}^{(11)}m_{010}^{(20)}m_{210}^{(10)}m_{003}^{(20)}\\
&-2m_{000}^{(11)}m_{010}^{(20)}m_{210}^{(20)}m_{111}^{(22)} + m_{000}^{(11)}m_{010}^{(20)}m_{210}^{(20)}m_{102}^{(21)} + m_{000}^{(11)}m_{010}^{(20)}m_{210}^{(20)}m_{003}^{(10)}\\
&+m_{000}^{(11)}m_{010}^{(20)}m_{210}^{(21)}m_{201}^{(22)} - m_{000}^{(11)}m_{010}^{(20)}m_{210}^{(21)}m_{102}^{(20)} - m_{000}^{(11)}m_{010}^{(20)}m_{210}^{(22)}m_{201}^{(21)}\\
&+2m_{000}^{(11)}m_{010}^{(20)}m_{210}^{(22)}m_{111}^{(20)} - m_{000}^{(11)}m_{010}^{(20)}m_{210}^{(22)}m_{102}^{(10)} - m_{000}^{(11)}m_{010}^{(20)}m_{201}^{(00)}m_{012}^{(21)}\\
&+m_{000}^{(11)}m_{010}^{(20)}m_{201}^{(00)}m_{003}^{(11)} + m_{000}^{(11)}m_{010}^{(20)}m_{201}^{(10)}m_{111}^{(22)} - m_{000}^{(11)}m_{010}^{(20)}m_{201}^{(10)}m_{012}^{(20)}\\
&+m_{000}^{(11)}m_{010}^{(20)}m_{201}^{(11)}m_{102}^{(20)} - m_{000}^{(11)}m_{010}^{(20)}m_{201}^{(11)}m_{003}^{(20)} - m_{000}^{(11)}m_{010}^{(20)}m_{201}^{(20)}m_{102}^{(11)}\\
&+m_{000}^{(11)}m_{010}^{(20)}m_{201}^{(20)}m_{012}^{(10)} + m_{000}^{(11)}m_{010}^{(20)}m_{201}^{(21)}m_{012}^{(00)} - m_{000}^{(11)}m_{010}^{(20)}m_{201}^{(22)}m_{111}^{(10)}\\
&-m_{000}^{(11)}m_{010}^{(20)}m_{111}^{(00)}m_{102}^{(21)} + 2m_{000}^{(11)}m_{010}^{(20)}m_{111}^{(00)}m_{012}^{(20)} - m_{000}^{(11)}m_{010}^{(20)}m_{111}^{(00)}m_{003}^{(10)}\\
&+m_{000}^{(11)}m_{010}^{(20)}m_{111}^{(10)}m_{102}^{(00)} - 2m_{000}^{(11)}m_{010}^{(20)}m_{111}^{(20)}m_{012}^{(00)} + m_{000}^{(11)}m_{010}^{(20)}m_{111}^{(21)}m_{102}^{(00)}\\
&-m_{000}^{(11)}m_{010}^{(20)}m_{102}^{(00)}m_{012}^{(10)} + m_{000}^{(11)}m_{010}^{(20)}m_{102}^{(10)}m_{012}^{(00)} + m_{000}^{(11)}m_{010}^{(21)}m_{300}^{(10)}m_{102}^{(22)}\\
&-m_{000}^{(11)}m_{010}^{(21)}m_{300}^{(10)}m_{003}^{(20)} + m_{000}^{(11)}m_{010}^{(21)}m_{300}^{(20)}m_{111}^{(22)} - 2m_{000}^{(11)}m_{010}^{(21)}m_{300}^{(20)}m_{102}^{(21)}\\
&+m_{000}^{(11)}m_{010}^{(21)}m_{300}^{(20)}m_{003}^{(10)} - 2m_{000}^{(11)}m_{010}^{(21)}m_{300}^{(21)}m_{201}^{(22)} + 2m_{000}^{(11)}m_{010}^{(21)}m_{300}^{(21)}m_{102}^{(20)}\\
&+2m_{000}^{(11)}m_{010}^{(21)}m_{300}^{(22)}m_{201}^{(21)} - m_{000}^{(11)}m_{010}^{(21)}m_{300}^{(22)}m_{111}^{(20)} - m_{000}^{(11)}m_{010}^{(21)}m_{300}^{(22)}m_{102}^{(10)}\\
&-m_{000}^{(11)}m_{010}^{(21)}m_{210}^{(00)}m_{102}^{(22)} + m_{000}^{(11)}m_{010}^{(21)}m_{210}^{(00)}m_{003}^{(20)} + m_{000}^{(11)}m_{010}^{(21)}m_{210}^{(20)}m_{201}^{(22)}
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&-m_{000}^{(11)}m_{010}^{(21)}m_{210}^{(20)}m_{003}^{(00)} - m_{000}^{(11)}m_{010}^{(21)}m_{210}^{(22)}m_{201}^{(20)} + m_{000}^{(11)}m_{010}^{(21)}m_{210}^{(22)}m_{102}^{(00)}\\
&-m_{000}^{(11)}m_{010}^{(21)}m_{201}^{(00)}m_{111}^{(22)} + 2m_{000}^{(11)}m_{010}^{(21)}m_{201}^{(00)}m_{102}^{(21)} - m_{000}^{(11)}m_{010}^{(21)}m_{201}^{(00)}m_{003}^{(10)}\\
&-m_{000}^{(11)}m_{010}^{(21)}m_{201}^{(10)}m_{102}^{(20)} + m_{000}^{(11)}m_{010}^{(21)}m_{201}^{(10)}m_{003}^{(00)} + m_{000}^{(11)}m_{010}^{(21)}m_{201}^{(20)}m_{102}^{(10)}\\
&-2m_{000}^{(11)}m_{010}^{(21)}m_{201}^{(21)}m_{102}^{(00)} + m_{000}^{(11)}m_{010}^{(21)}m_{201}^{(22)}m_{111}^{(00)} - m_{000}^{(11)}m_{010}^{(21)}m_{111}^{(00)}m_{102}^{(20)}\\
&+m_{000}^{(11)}m_{010}^{(21)}m_{111}^{(20)}m_{102}^{(00)} - m_{000}^{(11)}m_{010}^{(22)}m_{300}^{(10)}m_{111}^{(22)} + m_{000}^{(11)}m_{010}^{(22)}m_{300}^{(10)}m_{012}^{(20)}\\
&+m_{000}^{(11)}m_{010}^{(22)}m_{300}^{(11)}m_{201}^{(22)} - m_{000}^{(11)}m_{010}^{(22)}m_{300}^{(11)}m_{102}^{(20)} + m_{000}^{(11)}m_{010}^{(22)}m_{300}^{(20)}m_{102}^{(11)}\\
&-m_{000}^{(11)}m_{010}^{(22)}m_{300}^{(20)}m_{012}^{(10)} - m_{000}^{(11)}m_{010}^{(22)}m_{300}^{(22)}m_{201}^{(11)} + m_{000}^{(11)}m_{010}^{(22)}m_{300}^{(22)}m_{111}^{(10)}\\
&+m_{000}^{(11)}m_{010}^{(22)}m_{210}^{(00)}m_{111}^{(22)} - m_{000}^{(11)}m_{010}^{(22)}m_{210}^{(00)}m_{012}^{(20)} - m_{000}^{(11)}m_{010}^{(22)}m_{210}^{(10)}m_{201}^{(22)}\\
&+m_{000}^{(11)}m_{010}^{(22)}m_{210}^{(10)}m_{102}^{(20)} - m_{000}^{(11)}m_{010}^{(22)}m_{210}^{(20)}m_{102}^{(10)} + m_{000}^{(11)}m_{010}^{(22)}m_{210}^{(20)}m_{012}^{(00)}\\
&+m_{000}^{(11)}m_{010}^{(22)}m_{210}^{(22)}m_{201}^{(10)} - m_{000}^{(11)}m_{010}^{(22)}m_{210}^{(22)}m_{111}^{(00)} - m_{000}^{(11)}m_{010}^{(22)}m_{201}^{(00)}m_{111}^{(11)}\\
&+m_{000}^{(11)}m_{010}^{(22)}m_{201}^{(00)}m_{012}^{(10)} - m_{000}^{(11)}m_{010}^{(22)}m_{201}^{(10)}m_{012}^{(00)} + m_{000}^{(11)}m_{010}^{(22)}m_{201}^{(11)}m_{102}^{(00)}\\
&+m_{000}^{(11)}m_{010}^{(22)}m_{111}^{(00)}m_{102}^{(10)} - m_{000}^{(11)}m_{010}^{(22)}m_{111}^{(10)}m_{102}^{(00)} - m_{000}^{(11)}m_{001}^{(00)}m_{210}^{(20)}m_{012}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{210}^{(20)}m_{003}^{(11)} + m_{000}^{(11)}m_{001}^{(00)}m_{210}^{(21)}m_{102}^{(21)} - m_{000}^{(11)}m_{001}^{(00)}m_{210}^{(21)}m_{003}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{210}^{(22)}m_{102}^{(11)} + m_{000}^{(11)}m_{001}^{(00)}m_{210}^{(22)}m_{012}^{(10)} - m_{000}^{(11)}m_{001}^{(00)}m_{201}^{(10)}m_{012}^{(22)}\\
&+2m_{000}^{(11)}m_{001}^{(00)}m_{201}^{(10)}m_{012}^{(21)} - m_{000}^{(11)}m_{001}^{(00)}m_{201}^{(10)}m_{003}^{(11)} + m_{000}^{(11)}m_{001}^{(00)}m_{201}^{(11)}m_{111}^{(22)}\\
&-2m_{000}^{(11)}m_{001}^{(00)}m_{201}^{(11)}m_{102}^{(21)} + m_{000}^{(11)}m_{001}^{(00)}m_{201}^{(11)}m_{003}^{(10)} + m_{000}^{(11)}m_{001}^{(00)}m_{201}^{(20)}m_{021}^{(21)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{201}^{(20)}m_{012}^{(11)} - m_{000}^{(11)}m_{001}^{(00)}m_{201}^{(21)}m_{111}^{(21)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{201}^{(21)}m_{102}^{(11)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{201}^{(21)}m_{012}^{(10)} + m_{000}^{(11)}m_{001}^{(00)}m_{120}^{(20)}m_{012}^{(20)} - m_{000}^{(11)}m_{001}^{(00)}m_{120}^{(20)}m_{003}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{120}^{(21)}m_{102}^{(20)} + m_{000}^{(11)}m_{001}^{(00)}m_{120}^{(21)}m_{003}^{(00)} + m_{000}^{(11)}m_{001}^{(00)}m_{120}^{(22)}m_{102}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{120}^{(22)}m_{012}^{(00)} + m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(00)}m_{021}^{(22)} - m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(00)}m_{012}^{(21)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(10)}m_{111}^{(22)} + m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(10)}m_{102}^{(21)} - m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(10)}m_{012}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(10)}m_{003}^{(10)} + m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(11)}m_{102}^{(20)} - m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(11)}m_{003}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(20)}m_{111}^{(21)} - m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(20)}m_{102}^{(11)} - m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(20)}m_{021}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(20)}m_{012}^{(10)} - m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(21)}m_{102}^{(10)} + m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(21)}m_{012}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{102}^{(00)}m_{021}^{(21)} + m_{000}^{(11)}m_{001}^{(00)}m_{102}^{(00)}m_{012}^{(11)} + m_{000}^{(11)}m_{001}^{(00)}m_{102}^{(10)}m_{021}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{102}^{(10)}m_{012}^{(10)} + m_{000}^{(11)}m_{001}^{(10)}m_{300}^{(20)}m_{012}^{(21)} - m_{000}^{(11)}m_{001}^{(10)}m_{300}^{(20)}m_{003}^{(11)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{300}^{(21)}m_{102}^{(21)} + m_{000}^{(11)}m_{001}^{(10)}m_{300}^{(21)}m_{003}^{(10)} + m_{000}^{(11)}m_{001}^{(10)}m_{300}^{(22)}m_{102}^{(11)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{300}^{(22)}m_{012}^{(10)} - m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(20)}m_{012}^{(20)} + m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(20)}m_{003}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(21)}m_{102}^{(20)} - m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(21)}m_{003}^{(00)} - m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(22)}m_{102}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(22)}m_{012}^{(00)} - m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(00)}m_{012}^{(21)} + m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(00)}m_{003}^{(11)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(10)}m_{111}^{(22)} + m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(10)}m_{102}^{(21)} - m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(10)}m_{012}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(10)}m_{003}^{(10)} - m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(11)}m_{201}^{(22)} + m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(11)}m_{102}^{(20)}\\
&-2m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(20)}m_{111}^{(21)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(20)}m_{012}^{(10)} + m_{000}^{(11)}m_{001}^{(10)}(m_{201}^{(21)})^2\\
&-2m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(21)}m_{102}^{(10)} + m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(22)}m_{111}^{(10)} - m_{000}^{(11)}m_{001}^{(10)}m_{111}^{(00)}m_{111}^{(22)}\\
&+2m_{000}^{(11)}m_{001}^{(10)}m_{111}^{(00)}m_{012}^{(20)} - m_{000}^{(11)}m_{001}^{(10)}m_{111}^{(00)}m_{003}^{(10)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{111}^{(10)}m_{102}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{111}^{(10)}m_{003}^{(00)} + m_{000}^{(11)}m_{001}^{(10)}(m_{111}^{(20)})^2 - 2m_{000}^{(11)}m_{001}^{(10)}m_{111}^{(20)}m_{012}^{(00)}\\
&+2m_{000}^{(11)}m_{001}^{(10)}m_{111}^{(21)}m_{102}^{(00)} - m_{000}^{(11)}m_{001}^{(10)}m_{102}^{(00)}m_{102}^{(11)} - m_{000}^{(11)}m_{001}^{(10)}m_{102}^{(00)}m_{012}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(10)}(m_{102}^{(10)})^2 + m_{000}^{(11)}m_{001}^{(10)}m_{102}^{(10)}m_{012}^{(00)} + m_{000}^{(11)}m_{001}^{(20)}m_{300}^{(10)}m_{021}^{(22)}
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&-2m_{000}^{(11)}m_{001}^{(20)}m_{300}^{(10)}m_{012}^{(21)} + m_{000}^{(11)}m_{001}^{(20)}m_{300}^{(10)}m_{003}^{(11)} - m_{000}^{(11)}m_{001}^{(20)}m_{300}^{(11)}m_{111}^{(22)}\\
&+2m_{000}^{(11)}m_{001}^{(20)}m_{300}^{(11)}m_{102}^{(21)} - m_{000}^{(11)}m_{001}^{(20)}m_{300}^{(11)}m_{003}^{(10)} - m_{000}^{(11)}m_{001}^{(20)}m_{300}^{(20)}m_{021}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{300}^{(20)}m_{012}^{(11)} + m_{000}^{(11)}m_{001}^{(20)}m_{300}^{(21)}m_{111}^{(21)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{300}^{(21)}m_{102}^{(11)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{300}^{(21)}m_{012}^{(10)} - m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(00)}m_{021}^{(22)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(00)}m_{012}^{(21)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(00)}m_{003}^{(11)} + m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(10)}m_{111}^{(22)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(10)}m_{102}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(10)}m_{012}^{(20)} - m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(11)}m_{102}^{(20)} + m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(11)}m_{003}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(20)}m_{111}^{(21)} + m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(20)}m_{021}^{(20)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(20)}m_{012}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(21)}m_{201}^{(21)} - m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(21)}m_{111}^{(20)} + 3m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(21)}m_{102}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(21)}m_{012}^{(00)} + m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(22)}m_{201}^{(11)} - m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(22)}m_{111}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(00)}m_{021}^{(21)} - m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(00)}m_{012}^{(11)} - m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(10)}m_{120}^{(22)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(10)}m_{111}^{(21)} + m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(10)}m_{102}^{(11)} + m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(20)}m_{012}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(11)}m_{102}^{(10)} + m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(20)}m_{120}^{(21)} - m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(20)}m_{021}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(21)}m_{111}^{(10)} - m_{000}^{(11)}m_{001}^{(20)}m_{120}^{(00)}m_{012}^{(20)} + m_{000}^{(11)}m_{001}^{(20)}m_{120}^{(00)}m_{003}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{120}^{(10)}m_{102}^{(20)} - m_{000}^{(11)}m_{001}^{(20)}m_{120}^{(10)}m_{003}^{(00)} - m_{000}^{(11)}m_{001}^{(20)}m_{120}^{(20)}m_{111}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{120}^{(20)}m_{012}^{(00)} - m_{000}^{(11)}m_{001}^{(20)}m_{120}^{(21)}m_{102}^{(00)} + m_{000}^{(11)}m_{001}^{(20)}m_{120}^{(22)}m_{111}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{111}^{(00)}m_{111}^{(21)} + m_{000}^{(11)}m_{001}^{(20)}m_{111}^{(00)}m_{102}^{(11)} - m_{000}^{(11)}m_{001}^{(20)}m_{111}^{(00)}m_{021}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{111}^{(10)}m_{111}^{(20)} - m_{000}^{(11)}m_{001}^{(20)}m_{111}^{(10)}m_{102}^{(10)} + m_{000}^{(11)}m_{001}^{(20)}m_{111}^{(20)}m_{021}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{102}^{(00)}m_{021}^{(10)} - m_{000}^{(11)}m_{001}^{(20)}m_{102}^{(10)}m_{021}^{(00)} - m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(10)}m_{111}^{(22)}\\
&+m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(10)}m_{012}^{(20)} + m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(11)}m_{201}^{(22)} - m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(11)}m_{102}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(20)}m_{102}^{(11)} - m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(20)}m_{012}^{(10)} - m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(22)}m_{201}^{(11)}\\
&+m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(22)}m_{111}^{(10)} + m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(00)}m_{111}^{(22)} - m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(00)}m_{012}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(10)}m_{201}^{(22)} + m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(10)}m_{102}^{(20)} - m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(20)}m_{102}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(20)}m_{012}^{(00)} + m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(22)}m_{201}^{(10)} - m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(22)}m_{111}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(00)}m_{102}^{(11)} + m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(00)}m_{012}^{(10)} - m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(10)}m_{012}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(11)}m_{102}^{(00)} + m_{000}^{(11)}m_{001}^{(21)}m_{111}^{(00)}m_{102}^{(10)} - m_{000}^{(11)}m_{001}^{(21)}m_{111}^{(10)}m_{102}^{(00)}\\
&+2m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(10)}m_{111}^{(21)} - m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(10)}m_{102}^{(11)} - m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(10)}m_{021}^{(20)}\\
&-2m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(11)}m_{201}^{(21)} + m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(11)}m_{111}^{(20)} + m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(11)}m_{102}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(20)}m_{111}^{(11)} + m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(20)}m_{021}^{(10)} + 2m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(21)}m_{201}^{(11)}\\
&-2m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(21)}m_{111}^{(10)} - 2m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(00)}m_{111}^{(21)} + m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(00)}m_{102}^{(11)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(00)}m_{021}^{(20)} + 2m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(10)}m_{201}^{(21)} - 2m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(10)}m_{111}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(11)}m_{201}^{(20)} - m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(11)}m_{102}^{(00)} - m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(20)}m_{201}^{(11)}\\
&+2m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(20)}m_{111}^{(10)} - m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(20)}m_{021}^{(00)} - 2m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(21)}m_{201}^{(10)}\\
&+2m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(21)}m_{111}^{(00)} + m_{000}^{(11)}m_{001}^{(22)}m_{201}^{(00)}m_{111}^{(11)} - m_{000}^{(11)}m_{001}^{(22)}m_{201}^{(00)}m_{021}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{201}^{(10)}m_{120}^{(20)} + m_{000}^{(11)}m_{001}^{(22)}m_{201}^{(10)}m_{021}^{(00)} - m_{000}^{(11)}m_{001}^{(22)}m_{201}^{(11)}m_{111}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(22)}m_{201}^{(20)}m_{120}^{(10)} + m_{000}^{(11)}m_{001}^{(22)}m_{120}^{(00)}m_{111}^{(20)} - m_{000}^{(11)}m_{001}^{(22)}m_{120}^{(00)}m_{102}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{120}^{(10)}m_{102}^{(00)} - m_{000}^{(11)}m_{001}^{(22)}m_{120}^{(20)}m_{111}^{(00)} - m_{000}^{(20)}m_{100}^{(00)}m_{120}^{(11)}m_{012}^{(22)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{120}^{(11)}m_{003}^{(21)} + m_{000}^{(20)}m_{100}^{(00)}m_{120}^{(21)}m_{021}^{(22)} - m_{000}^{(20)}m_{100}^{(00)}m_{120}^{(21)}m_{003}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(00)}m_{120}^{(22)}m_{021}^{(21)} + m_{000}^{(20)}m_{100}^{(00)}m_{120}^{(22)}m_{012}^{(11)} + m_{000}^{(20)}m_{100}^{(00)}m_{111}^{(22)}m_{021}^{(11)}
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&-m_{000}^{(20)}m_{100}^{(00)}m_{111}^{(11)}m_{012}^{(21)} - m_{000}^{(20)}m_{100}^{(00)}m_{111}^{(21)}m_{030}^{(22)} + m_{000}^{(20)}m_{100}^{(00)}m_{111}^{(21)}m_{012}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{111}^{(22)}m_{030}^{(21)} - m_{000}^{(20)}m_{100}^{(00)}m_{111}^{(22)}m_{021}^{(11)} + m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(10)}m_{012}^{(22)}\\
&-m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(10)}m_{003}^{(21)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(20)}m_{021}^{(22)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(20)}m_{012}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(21)}m_{012}^{(20)} + m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(21)}m_{003}^{(10)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(22)}m_{021}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(22)}m_{012}^{(10)} - m_{000}^{(20)}m_{100}^{(00)}m_{021}^{(10)}m_{012}^{(21)} + m_{000}^{(20)}m_{100}^{(00)}m_{021}^{(10)}m_{003}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(00)}m_{021}^{(11)}m_{012}^{(20)} - m_{000}^{(20)}m_{100}^{(00)}m_{021}^{(11)}m_{003}^{(10)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{021}^{(20)}m_{012}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{021}^{(21)}m_{012}^{(10)} + m_{000}^{(20)}m_{100}^{(10)}m_{210}^{(11)}m_{012}^{(22)} - m_{000}^{(20)}m_{100}^{(10)}m_{210}^{(11)}m_{003}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{210}^{(21)}m_{021}^{(22)} + m_{000}^{(20)}m_{100}^{(10)}m_{210}^{(21)}m_{003}^{(11)} + m_{000}^{(20)}m_{100}^{(10)}m_{210}^{(22)}m_{021}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{210}^{(22)}m_{012}^{(11)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{201}^{(11)}m_{021}^{(22)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{201}^{(11)}m_{012}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(10)}m_{201}^{(21)}m_{030}^{(22)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{201}^{(21)}m_{012}^{(11)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{201}^{(22)}m_{030}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(10)}m_{201}^{(22)}m_{021}^{(11)} - m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(10)}m_{012}^{(22)} + m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(10)}m_{003}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(11)}m_{102}^{(22)} - m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(11)}m_{003}^{(20)} + m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(20)}m_{021}^{(22)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(20)}m_{012}^{(21)} - m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(21)}m_{111}^{(22)} - m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(21)}m_{102}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(21)}m_{012}^{(20)} + m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(22)}m_{111}^{(21)} - m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(22)}m_{021}^{(20)}\\
&+3m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(10)}m_{021}^{(22)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(10)}m_{012}^{(21)} - m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(10)}m_{003}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(11)}m_{111}^{(22)} - m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(11)}m_{102}^{(21)} + m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(11)}m_{012}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(11)}m_{003}^{(10)} - 3m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(20)}m_{030}^{(22)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(20)}m_{021}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(20)}m_{012}^{(11)} + m_{000}^{(20)}m_{100}^{(10)}(m_{111}^{(21)})^2 + m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(21)}m_{102}^{(11)}\\
&-4m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(21)}m_{021}^{(20)} + 3m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(22)}m_{030}^{(20)} - m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(22)}m_{021}^{(10)}\\
&-3m_{000}^{(20)}m_{100}^{(10)}m_{102}^{(10)}m_{021}^{(21)} + 3m_{000}^{(20)}m_{100}^{(10)}m_{102}^{(10)}m_{012}^{(11)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{102}^{(11)}m_{021}^{(20)}\\
&-3m_{000}^{(20)}m_{100}^{(10)}m_{102}^{(11)}m_{012}^{(10)} + 3m_{000}^{(20)}m_{100}^{(10)}m_{102}^{(20)}m_{030}^{(21)} - 3m_{000}^{(20)}m_{100}^{(10)}m_{102}^{(20)}m_{021}^{(11)}\\
&-2m_{000}^{(20)}m_{100}^{(10)}m_{102}^{(21)}m_{030}^{(20)} + 4m_{000}^{(20)}m_{100}^{(10)}m_{102}^{(21)}m_{021}^{(10)} - m_{000}^{(20)}m_{100}^{(10)}m_{102}^{(22)}m_{030}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{030}^{(10)}m_{003}^{(20)} - m_{000}^{(20)}m_{100}^{(10)}m_{030}^{(20)}m_{012}^{(20)} - m_{000}^{(20)}m_{100}^{(10)}m_{030}^{(21)}m_{003}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{030}^{(22)}m_{012}^{(00)} - m_{000}^{(20)}m_{100}^{(10)}m_{021}^{(00)}m_{021}^{(22)} + m_{000}^{(20)}m_{100}^{(10)}m_{021}^{(00)}m_{012}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(10)}m_{021}^{(10)}m_{012}^{(20)} - m_{000}^{(20)}m_{100}^{(10)}m_{021}^{(10)}m_{003}^{(10)} + m_{000}^{(20)}m_{100}^{(10)}m_{021}^{(11)}m_{003}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(10)}(m_{021}^{(20)})^2 + m_{000}^{(20)}m_{100}^{(10)}m_{021}^{(20)}m_{012}^{(10)} - m_{000}^{(20)}m_{100}^{(10)}m_{012}^{(00)}m_{012}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(10)}(m_{012}^{(10)})^2 - m_{000}^{(20)}m_{100}^{(11)}m_{210}^{(11)}m_{102}^{(22)} + m_{000}^{(20)}m_{100}^{(11)}m_{210}^{(11)}m_{003}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{210}^{(20)}m_{021}^{(22)} - m_{000}^{(20)}m_{100}^{(11)}m_{210}^{(20)}m_{012}^{(21)} + m_{000}^{(20)}m_{100}^{(11)}m_{210}^{(21)}m_{102}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{210}^{(21)}m_{003}^{(10)} - m_{000}^{(20)}m_{100}^{(11)}m_{210}^{(22)}m_{021}^{(20)} + m_{000}^{(20)}m_{100}^{(11)}m_{210}^{(22)}m_{012}^{(10)}\\
&+2m_{000}^{(20)}m_{100}^{(11)}m_{201}^{(11)}m_{111}^{(22)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{201}^{(11)}m_{012}^{(20)} - m_{000}^{(20)}m_{100}^{(11)}m_{201}^{(20)}m_{021}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{201}^{(20)}m_{012}^{(11)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{201}^{(21)}m_{120}^{(22)} - m_{000}^{(20)}m_{100}^{(11)}m_{201}^{(21)}m_{111}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(11)}m_{201}^{(21)}m_{021}^{(20)} + m_{000}^{(20)}m_{100}^{(11)}m_{201}^{(21)}m_{012}^{(10)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{201}^{(22)}m_{120}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{201}^{(22)}m_{111}^{(11)} - m_{000}^{(20)}m_{100}^{(11)}m_{201}^{(22)}m_{021}^{(10)} + m_{000}^{(20)}m_{100}^{(11)}m_{120}^{(10)}m_{102}^{(22)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{120}^{(10)}m_{003}^{(20)} - 3m_{000}^{(20)}m_{100}^{(11)}m_{120}^{(20)}m_{111}^{(22)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{120}^{(20)}m_{102}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{120}^{(20)}m_{012}^{(20)} - 3m_{000}^{(20)}m_{100}^{(11)}m_{120}^{(21)}m_{102}^{(20)} + m_{000}^{(20)}m_{100}^{(11)}m_{120}^{(21)}m_{003}^{(00)}\\
&+3m_{000}^{(20)}m_{100}^{(11)}m_{120}^{(22)}m_{111}^{(20)} - m_{000}^{(20)}m_{100}^{(11)}m_{120}^{(22)}m_{012}^{(00)} - m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(00)}m_{021}^{(22)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(00)}m_{012}^{(21)} - m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(10)}m_{111}^{(22)} - m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(10)}m_{102}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(10)}m_{012}^{(20)} + m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(10)}m_{003}^{(10)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(11)}m_{102}^{(20)}
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&-m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(11)}m_{003}^{(00)} + m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(20)}m_{111}^{(21)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(20)}m_{102}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(20)}m_{021}^{(20)} - m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(20)}m_{012}^{(10)} + m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(21)}m_{102}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(21)}m_{012}^{(00)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(22)}m_{021}^{(00)} + m_{000}^{(20)}m_{100}^{(11)}m_{102}^{(00)}m_{021}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{102}^{(00)}m_{012}^{(11)} - m_{000}^{(20)}m_{100}^{(11)}m_{102}^{(10)}m_{012}^{(10)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{102}^{(11)}m_{012}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{102}^{(20)}m_{021}^{(10)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{102}^{(21)}m_{021}^{(00)} + m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(11)}m_{021}^{(22)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{210}^{(11)}m_{012}^{(21)} - m_{000}^{(20)}m_{100}^{(20)}m_{210}^{(21)}m_{030}^{(22)} + m_{000}^{(20)}m_{100}^{(20)}m_{210}^{(21)}m_{012}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{210}^{(22)}m_{030}^{(21)} - m_{000}^{(20)}m_{100}^{(20)}m_{210}^{(22)}m_{021}^{(11)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(10)}m_{021}^{(22)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(10)}m_{012}^{(21)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(20)}m_{030}^{(22)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(20)}m_{021}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(21)}m_{021}^{(20)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(21)}m_{012}^{(10)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(22)}m_{030}^{(20)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(22)}m_{021}^{(10)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(10)}m_{021}^{(21)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(10)}m_{012}^{(11)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(11)}m_{021}^{(20)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(11)}m_{012}^{(10)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(20)}m_{030}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(20)}m_{021}^{(11)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(21)}m_{030}^{(20)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(21)}m_{021}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{030}^{(00)}m_{021}^{(22)} - m_{000}^{(20)}m_{100}^{(20)}m_{030}^{(00)}m_{012}^{(21)} + m_{000}^{(20)}m_{100}^{(20)}m_{030}^{(21)}m_{012}^{(00)}\\
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&-m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(11)}m_{012}^{(20)} - m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(20)}m_{030}^{(22)} + m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(20)}m_{021}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(21)}m_{120}^{(22)} - m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(21)}m_{111}^{(21)} - m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(21)}m_{102}^{(11)}\\
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&+2m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(10)}m_{111}^{(22)} - 3m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(10)}m_{102}^{(21)} + m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(10)}m_{012}^{(20)}\\
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&+m_{000}^{(20)}m_{100}^{(21)}m_{102}^{(10)}m_{021}^{(10)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{102}^{(11)}m_{021}^{(00)} - m_{000}^{(20)}m_{100}^{(21)}m_{102}^{(20)}m_{030}^{(10)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{102}^{(21)}m_{030}^{(00)} + m_{000}^{(20)}m_{100}^{(22)}m_{210}^{(10)}m_{030}^{(22)} - m_{000}^{(20)}m_{100}^{(22)}m_{210}^{(10)}m_{021}^{(21)}\\
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&-m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(00)}m_{030}^{(22)} + m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(00)}m_{021}^{(21)} - m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(21)}m_{021}^{(00)}
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&+m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(22)}m_{030}^{(00)}+m_{000}^{(20)}m_{100}^{(22)}m_{111}^{(00)}m_{030}^{(21)}-m_{000}^{(20)}m_{100}^{(22)}m_{111}^{(00)}m_{021}^{(11)}\\
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&+2m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(20)}m_{021}^{(21)}-m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(20)}m_{012}^{(11)}-m_{000}^{(20)}m_{010}^{(00)}(m_{111}^{(21)})^2\\
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&+3m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(22)}m_{120}^{(21)}-2m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(22)}m_{111}^{(11)}-m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(22)}m_{030}^{(20)}\\
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&+2m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(11)}m_{102}^{(20)}-m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(20)}m_{111}^{(21)}-2m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(20)}m_{102}^{(11)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(20)}m_{021}^{(20)}-m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(20)}m_{012}^{(10)}+m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(21)}m_{102}^{(10)}\\
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&+m_{000}^{(20)}m_{010}^{(10)}m_{021}^{(00)}m_{003}^{(10)}-m_{000}^{(20)}m_{010}^{(10)}m_{021}^{(10)}m_{003}^{(00)}-m_{000}^{(20)}m_{010}^{(10)}m_{021}^{(20)}m_{012}^{(00)}\\
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&-m_{000}^{(20)}m_{010}^{(11)}m_{210}^{(22)}m_{102}^{(10)}+m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(00)}m_{021}^{(22)}-m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(00)}m_{012}^{(21)}\\
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&+4m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(20)}m_{111}^{(21)}-3m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(20)}m_{012}^{(10)}-4m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(21)}m_{111}^{(20)}\\
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&+2m_{000}^{(20)}m_{010}^{(20)}m_{111}^{(21)}m_{021}^{(00)}-m_{000}^{(20)}m_{010}^{(20)}m_{111}^{(22)}m_{030}^{(00)}+m_{000}^{(20)}m_{010}^{(20)}m_{030}^{(20)}m_{012}^{(00)}\\
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&-m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(00)}m_{030}^{(22)}+m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(00)}m_{021}^{(21)}+2m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(10)}m_{120}^{(22)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(10)}m_{111}^{(21)}-4m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(10)}m_{021}^{(20)}+m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(10)}m_{012}^{(10)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(11)}m_{111}^{(20)}-m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(11)}m_{012}^{(00)}-m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(20)}m_{120}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(20)}m_{111}^{(11)}+3m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(20)}m_{021}^{(10)}+2m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(21)}m_{120}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(21)}m_{111}^{(10)}-3m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(22)}m_{120}^{(10)}+m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(22)}m_{030}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(00)}m_{111}^{(22)}-m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(00)}m_{102}^{(21)}+3m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(10)}m_{102}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(20)}m_{111}^{(20)}-2m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(20)}m_{102}^{(10)}-m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(00)}m_{111}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(00)}m_{102}^{(11)}+3m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(00)}m_{021}^{(20)}-m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(00)}m_{012}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(10)}m_{111}^{(20)}-m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(10)}m_{102}^{(10)}+m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(10)}m_{012}^{(00)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(11)}m_{102}^{(00)}-3m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(20)}m_{021}^{(00)}+m_{000}^{(20)}m_{010}^{(21)}m_{102}^{(00)}m_{030}^{(20)}\\
&-3m_{000}^{(20)}m_{010}^{(21)}m_{102}^{(00)}m_{021}^{(10)}+3m_{000}^{(20)}m_{010}^{(21)}m_{102}^{(10)}m_{021}^{(00)}-m_{000}^{(20)}m_{010}^{(21)}m_{102}^{(20)}m_{030}^{(00)}
\end{aligned}
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\begin{aligned}
&-m_{000}^{(20)}m_{010}^{(22)}m_{300}^{(10)}m_{030}^{(22)} + m_{000}^{(20)}m_{010}^{(22)}m_{300}^{(10)}m_{021}^{(21)} + m_{000}^{(20)}m_{010}^{(22)}m_{300}^{(11)}m_{120}^{(22)}\\
&-m_{000}^{(20)}m_{010}^{(22)}m_{300}^{(11)}m_{021}^{(20)} - m_{000}^{(20)}m_{010}^{(22)}m_{300}^{(21)}m_{120}^{(21)} + m_{000}^{(20)}m_{010}^{(22)}m_{300}^{(21)}m_{030}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(00)}m_{030}^{(22)} - m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(00)}m_{021}^{(21)} - 2m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(10)}m_{111}^{(21)}\\
&+2m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(10)}m_{021}^{(20)} - m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(11)}m_{210}^{(22)} + m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(11)}m_{111}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(20)}m_{120}^{(21)} + m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(20)}m_{111}^{(11)} - m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(20)}m_{030}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(20)}m_{021}^{(10)} + m_{000}^{(20)}m_{010}^{(22)}(m_{210}^{(21)})^2 - 2m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(21)}m_{120}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(22)}m_{120}^{(10)} + m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(10)}m_{030}^{(20)} - m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(10)}m_{021}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(11)}m_{120}^{(20)} + m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(11)}m_{021}^{(00)} + m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(21)}m_{120}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(21)}m_{030}^{(00)} - m_{000}^{(20)}m_{010}^{(22)}m_{120}^{(00)}m_{120}^{(22)} + 2m_{000}^{(20)}m_{010}^{(22)}m_{120}^{(00)}m_{111}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(22)}m_{120}^{(00)}m_{021}^{(20)} - 2m_{000}^{(20)}m_{010}^{(22)}m_{120}^{(10)}m_{111}^{(20)} + m_{000}^{(20)}m_{010}^{(22)}(m_{120}^{(20)})^2\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{120}^{(20)}m_{021}^{(00)} - m_{000}^{(20)}m_{010}^{(22)}m_{111}^{(00)}m_{111}^{(11)} - m_{000}^{(20)}m_{010}^{(22)}m_{111}^{(00)}m_{030}^{(20)}\\
&+2m_{000}^{(20)}m_{010}^{(22)}m_{111}^{(00)}m_{021}^{(10)} + m_{000}^{(20)}m_{010}^{(22)}(m_{111}^{(10)})^2 - 2m_{000}^{(20)}m_{010}^{(22)}m_{111}^{(10)}m_{021}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{111}^{(20)}m_{030}^{(00)} - m_{000}^{(20)}m_{001}^{(00)}m_{120}^{(10)}m_{021}^{(22)} + m_{000}^{(20)}m_{001}^{(00)}m_{120}^{(10)}m_{012}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{120}^{(11)}m_{111}^{(22)} - m_{000}^{(20)}m_{001}^{(00)}m_{120}^{(11)}m_{102}^{(21)} + m_{000}^{(20)}m_{001}^{(00)}m_{120}^{(21)}m_{102}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(00)}m_{120}^{(21)}m_{012}^{(10)} - m_{000}^{(20)}m_{001}^{(00)}m_{120}^{(22)}m_{111}^{(11)} + m_{000}^{(20)}m_{001}^{(00)}m_{120}^{(22)}m_{021}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{111}^{(10)}m_{030}^{(22)} - m_{000}^{(20)}m_{001}^{(00)}m_{111}^{(10)}m_{012}^{(11)} + m_{000}^{(20)}m_{001}^{(00)}m_{111}^{(10)}m_{012}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(00)}m_{111}^{(22)}m_{030}^{(10)} - m_{000}^{(20)}m_{001}^{(00)}m_{102}^{(10)}m_{030}^{(21)} + m_{000}^{(20)}m_{001}^{(00)}m_{102}^{(10)}m_{021}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(00)}m_{102}^{(11)}m_{021}^{(10)} + m_{000}^{(20)}m_{001}^{(00)}m_{102}^{(21)}m_{030}^{(10)} + m_{000}^{(20)}m_{001}^{(00)}m_{030}^{(00)}m_{021}^{(22)}\\
&-m_{000}^{(20)}m_{001}^{(00)}m_{030}^{(00)}m_{012}^{(21)} + m_{000}^{(20)}m_{001}^{(00)}m_{030}^{(21)}m_{012}^{(00)} - m_{000}^{(20)}m_{001}^{(00)}m_{030}^{(22)}m_{021}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{021}^{(00)}m_{012}^{(11)} - m_{000}^{(20)}m_{001}^{(00)}m_{021}^{(11)}m_{012}^{(00)} + m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(10)}m_{021}^{(22)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(10)}m_{012}^{(21)} - m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(11)}m_{111}^{(22)} + m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(11)}m_{102}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(20)}m_{021}^{(21)} + m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(20)}m_{012}^{(11)} + m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(21)}m_{111}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(21)}m_{102}^{(11)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(10)}m_{030}^{(22)} + 3m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(10)}m_{021}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(10)}m_{012}^{(11)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(11)}m_{120}^{(22)} - 3m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(11)}m_{111}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(11)}m_{012}^{(10)} + m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(20)}m_{030}^{(21)} - m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(20)}m_{021}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(21)}m_{120}^{(21)} + 3m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(21)}m_{111}^{(11)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(21)}m_{021}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(22)}m_{120}^{(11)} + m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(22)}m_{030}^{(10)} - m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(00)}m_{021}^{(22)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(00)}m_{012}^{(21)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(10)}m_{111}^{(22)} - m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(10)}m_{102}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(10)}m_{012}^{(20)} + m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(11)}m_{102}^{(20)} + m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(20)}m_{111}^{(21)}\\
&-2m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(20)}m_{102}^{(11)} + m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(20)}m_{021}^{(20)} - m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(21)}m_{111}^{(20)}\\
&+2m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(21)}m_{102}^{(10)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(22)}m_{111}^{(10)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(00)}m_{030}^{(22)}\\
&-2m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(00)}m_{021}^{(21)} - m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(10)}m_{111}^{(21)} + 3m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(10)}m_{102}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(10)}m_{021}^{(20)} + m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(10)}m_{012}^{(10)} + m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(11)}m_{111}^{(20)}\\
&-3m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(11)}m_{102}^{(10)} - m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(11)}m_{012}^{(00)} - m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(20)}m_{030}^{(20)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(20)}m_{021}^{(10)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(21)}m_{021}^{(00)} - m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(22)}m_{030}^{(00)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{102}^{(00)}m_{030}^{(21)} + m_{000}^{(20)}m_{001}^{(10)}m_{102}^{(00)}m_{021}^{(11)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{102}^{(10)}m_{030}^{(20)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{102}^{(10)}m_{021}^{(10)} - m_{000}^{(20)}m_{001}^{(10)}m_{102}^{(20)}m_{030}^{(10)} + m_{000}^{(20)}m_{001}^{(10)}m_{030}^{(00)}m_{012}^{(20)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{030}^{(20)}m_{012}^{(00)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{021}^{(00)}m_{012}^{(10)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{021}^{(10)}m_{012}^{(00)}
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&+m_{000}^{(20)}m_{001}^{(11)}m_{300}^{(20)}m_{021}^{(21)} - m_{000}^{(20)}m_{001}^{(11)}m_{300}^{(20)}m_{012}^{(11)} - m_{000}^{(20)}m_{001}^{(11)}m_{300}^{(21)}m_{111}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{300}^{(21)}m_{012}^{(10)} + m_{000}^{(20)}m_{001}^{(11)}m_{300}^{(22)}m_{111}^{(11)} - m_{000}^{(20)}m_{001}^{(11)}m_{300}^{(22)}m_{021}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(10)}m_{111}^{(22)} + m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(10)}m_{012}^{(20)} + m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(11)}m_{201}^{(22)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(11)}m_{102}^{(20)} - m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(20)}m_{111}^{(21)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(20)}m_{102}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(20)}m_{021}^{(20)} + m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(21)}m_{201}^{(21)} + m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(21)}m_{111}^{(20)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(21)}m_{102}^{(10)} - m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(21)}m_{012}^{(00)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(22)}m_{201}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(22)}m_{111}^{(10)} + m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(22)}m_{021}^{(00)} - m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(00)}m_{021}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(00)}m_{012}^{(11)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(10)}m_{120}^{(22)} + m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(10)}m_{111}^{(21)}\\
&-2m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(10)}m_{021}^{(20)} - m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(10)}m_{012}^{(10)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(11)}m_{111}^{(20)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(20)}m_{120}^{(21)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(20)}m_{111}^{(11)} + 3m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(20)}m_{021}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(21)}m_{111}^{(10)} - m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(22)}m_{120}^{(10)} + m_{000}^{(20)}m_{001}^{(11)}m_{120}^{(00)}m_{111}^{(22)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{120}^{(00)}m_{012}^{(20)} + m_{000}^{(20)}m_{001}^{(11)}m_{120}^{(10)}m_{102}^{(20)} + m_{000}^{(20)}m_{001}^{(11)}m_{120}^{(20)}m_{111}^{(20)}\\
&-2m_{000}^{(20)}m_{001}^{(11)}m_{120}^{(20)}m_{102}^{(10)} + m_{000}^{(20)}m_{001}^{(11)}m_{120}^{(20)}m_{012}^{(00)} + m_{000}^{(20)}m_{001}^{(11)}m_{120}^{(21)}m_{102}^{(00)}\\
&-2m_{000}^{(20)}m_{001}^{(11)}m_{120}^{(22)}m_{111}^{(00)} + m_{000}^{(20)}m_{001}^{(11)}m_{111}^{(00)}m_{111}^{(21)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{111}^{(00)}m_{102}^{(11)}\\
&+3m_{000}^{(20)}m_{001}^{(11)}m_{111}^{(00)}m_{021}^{(20)} - m_{000}^{(20)}m_{001}^{(11)}m_{111}^{(10)}m_{111}^{(20)} + m_{000}^{(20)}m_{001}^{(11)}m_{111}^{(10)}m_{102}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{111}^{(11)}m_{102}^{(00)} - 3m_{000}^{(20)}m_{001}^{(11)}m_{111}^{(20)}m_{021}^{(00)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{102}^{(00)}m_{021}^{(10)}\\
&+2m_{000}^{(20)}m_{001}^{(11)}m_{102}^{(10)}m_{021}^{(00)} + m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(10)}m_{030}^{(22)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(10)}m_{021}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(10)}m_{012}^{(11)} - m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(11)}m_{120}^{(22)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(11)}m_{111}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(11)}m_{012}^{(10)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(21)}m_{111}^{(11)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(21)}m_{021}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(22)}m_{120}^{(11)} - m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(22)}m_{030}^{(10)} - m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(00)}m_{030}^{(22)}\\
&+2m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(00)}m_{021}^{(21)} - m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(00)}m_{012}^{(11)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(10)}m_{111}^{(21)}\\
&+2m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(10)}m_{021}^{(20)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(11)}m_{111}^{(20)} + m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(11)}m_{012}^{(00)}\\
&+2m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(20)}m_{111}^{(11)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(20)}m_{021}^{(10)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(21)}m_{111}^{(10)}\\
&-2m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(21)}m_{021}^{(00)} + m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(22)}m_{030}^{(00)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{111}^{(10)}m_{030}^{(20)}\\
&+2m_{000}^{(20)}m_{001}^{(20)}m_{111}^{(20)}m_{030}^{(10)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{030}^{(00)}m_{021}^{(20)} + m_{000}^{(20)}m_{001}^{(20)}m_{030}^{(00)}m_{012}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{030}^{(10)}m_{012}^{(00)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{030}^{(20)}m_{021}^{(00)} - m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(10)}m_{021}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(10)}m_{012}^{(11)} + m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(11)}m_{111}^{(21)} - m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(11)}m_{012}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(20)}m_{030}^{(21)} + m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(20)}m_{021}^{(11)} + m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(21)}m_{120}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(21)}m_{111}^{(11)} - m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(22)}m_{120}^{(11)} + m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(22)}m_{030}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(00)}m_{021}^{(21)} - m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(00)}m_{012}^{(11)} - m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(10)}m_{120}^{(22)}\\
&+2m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(10)}m_{111}^{(21)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(10)}m_{102}^{(11)} + m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(10)}m_{021}^{(20)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(11)}m_{120}^{(22)} - 3m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(11)}m_{201}^{(21)} - m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(11)}m_{111}^{(20)}\\
&+2m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(11)}m_{102}^{(10)} + m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(11)}m_{012}^{(00)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(20)}m_{120}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(20)}m_{111}^{(11)} + m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(20)}m_{030}^{(20)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(20)}m_{021}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(21)}(m_{210}^{(21)})^2 + 3m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(21)}m_{201}^{(11)} - m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(21)}m_{120}^{(20)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(22)}m_{030}^{(00)} + m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(00)}m_{030}^{(21)} - m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(00)}m_{021}^{(11)}\\
&-4m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(10)}m_{120}^{(21)} + m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(10)}m_{111}^{(11)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(10)}m_{030}^{(20)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(10)}m_{021}^{(10)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(11)}m_{120}^{(20)} - m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(11)}m_{111}^{(10)}
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$$+3m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(20)}m_{120}^{(11)} - 3m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(20)}m_{030}^{(10)} + 3m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(21)}m_{120}^{(10)}$$
$$+m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(00)}m_{120}^{(22)} - 3m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(00)}m_{111}^{(21)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(00)}m_{102}^{(11)}$$
$$-m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(00)}m_{021}^{(20)} + m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(00)}m_{012}^{(10)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(10)}m_{111}^{(20)}$$
$$-m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(10)}m_{012}^{(00)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(11)}m_{102}^{(00)} - m_{000}^{(20)}m_{001}^{(21)}(m_{120}^{(20)})^2$$
$$+4m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(20)}m_{111}^{(10)} + m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(20)}m_{021}^{(00)} + m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(21)}m_{111}^{(00)}$$
$$+m_{000}^{(20)}m_{001}^{(21)}m_{111}^{(00)}m_{111}^{(11)} - 3m_{000}^{(20)}m_{001}^{(21)}m_{111}^{(00)}m_{030}^{(20)} + m_{000}^{(20)}m_{001}^{(21)}m_{111}^{(00)}m_{021}^{(10)}$$
$$-m_{000}^{(20)}m_{001}^{(21)}(m_{111}^{(10)})^2 - m_{000}^{(20)}m_{001}^{(21)}m_{111}^{(10)}m_{021}^{(00)} + 3m_{000}^{(20)}m_{001}^{(21)}m_{111}^{(20)}m_{030}^{(00)}$$
$$+2m_{000}^{(20)}m_{001}^{(21)}m_{102}^{(00)}m_{030}^{(10)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{102}^{(10)}m_{030}^{(00)} + m_{000}^{(20)}m_{001}^{(22)}m_{300}^{(10)}m_{030}^{(21)}$$
$$-m_{000}^{(20)}m_{001}^{(22)}m_{300}^{(10)}m_{021}^{(11)} - m_{000}^{(20)}m_{001}^{(22)}m_{300}^{(11)}m_{120}^{(21)} + m_{000}^{(20)}m_{001}^{(22)}m_{300}^{(11)}m_{021}^{(10)}$$
$$+m_{000}^{(20)}m_{001}^{(22)}m_{300}^{(21)}m_{120}^{(11)} - m_{000}^{(20)}m_{001}^{(22)}m_{300}^{(21)}m_{030}^{(10)} - m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(00)}m_{030}^{(21)}$$
$$+m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(00)}m_{021}^{(11)} + m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(10)}m_{120}^{(21)} + m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(10)}m_{111}^{(11)}$$
$$-2m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(10)}m_{030}^{(20)} + 2m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(11)}m_{120}^{(20)} - m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(11)}m_{111}^{(10)}$$
$$-m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(11)}m_{021}^{(00)} - 2m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(20)}m_{120}^{(11)} + 2m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(20)}m_{030}^{(10)}$$
$$-m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(21)}m_{120}^{(10)} + m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(21)}m_{030}^{(00)} - m_{000}^{(20)}m_{001}^{(22)}m_{120}^{(00)}m_{111}^{(11)}$$
$$+2m_{000}^{(20)}m_{001}^{(22)}m_{120}^{(00)}m_{030}^{(20)} - m_{000}^{(20)}m_{001}^{(22)}m_{120}^{(00)}m_{021}^{(10)} + m_{000}^{(20)}m_{001}^{(22)}m_{120}^{(10)}m_{021}^{(00)}$$
$$+m_{000}^{(20)}m_{001}^{(22)}m_{120}^{(11)}m_{111}^{(00)} - 2m_{000}^{(20)}m_{001}^{(22)}m_{120}^{(20)}m_{030}^{(00)} - m_{000}^{(20)}m_{001}^{(22)}m_{111}^{(00)}m_{030}^{(10)}$$
$$+m_{000}^{(20)}m_{001}^{(22)}m_{111}^{(10)}m_{030}^{(00)} + m_{000}^{(21)}m_{100}^{(00)}m_{210}^{(11)}m_{012}^{(22)} - m_{000}^{(21)}m_{100}^{(00)}m_{210}^{(11)}m_{003}^{(21)}$$
$$-m_{000}^{(21)}m_{100}^{(00)}m_{210}^{(21)}m_{021}^{(22)} + m_{000}^{(21)}m_{100}^{(00)}m_{210}^{(21)}m_{003}^{(11)} + m_{000}^{(21)}m_{100}^{(00)}m_{210}^{(22)}m_{021}^{(21)}$$
$$-m_{000}^{(21)}m_{100}^{(00)}m_{210}^{(22)}m_{012}^{(11)} + m_{000}^{(21)}m_{100}^{(00)}m_{201}^{(11)}m_{021}^{(22)} - m_{000}^{(21)}m_{100}^{(00)}m_{201}^{(11)}m_{012}^{(21)}$$
$$-m_{000}^{(21)}m_{100}^{(00)}m_{201}^{(21)}m_{030}^{(22)} + m_{000}^{(21)}m_{100}^{(00)}m_{201}^{(21)}m_{012}^{(11)} + m_{000}^{(21)}m_{100}^{(00)}m_{201}^{(22)}m_{030}^{(21)}$$
$$-m_{000}^{(21)}m_{100}^{(00)}m_{201}^{(22)}m_{021}^{(11)} - m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(10)}m_{012}^{(22)} + m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(10)}m_{003}^{(21)}$$
$$+3m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(20)}m_{021}^{(22)} - 3m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(20)}m_{012}^{(21)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(21)}m_{111}^{(22)}$$
$$+3m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(21)}m_{012}^{(20)} - m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(21)}m_{003}^{(10)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(22)}m_{111}^{(21)}$$
$$-3m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(22)}m_{021}^{(20)} + m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(22)}m_{012}^{(10)} - 3m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(10)}m_{021}^{(22)}$$
$$+4m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(10)}m_{012}^{(21)} - m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(10)}m_{003}^{(11)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(11)}m_{102}^{(21)}$$
$$-3m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(11)}m_{012}^{(20)} + m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(10)}m_{003}^{(10)} + m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(20)}m_{030}^{(22)}$$
$$-4m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(20)}m_{021}^{(21)} + 3m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(20)}m_{012}^{(11)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(21)}m_{102}^{(11)}$$
$$+4m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(21)}m_{021}^{(20)} - 4m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(21)}m_{012}^{(10)} - m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(22)}m_{030}^{(20)}$$
$$+3m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(22)}m_{021}^{(10)} + 3m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(10)}m_{021}^{(21)} - 3m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(10)}m_{012}^{(11)}$$
$$-m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(11)}m_{021}^{(20)} + 3m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(11)}m_{012}^{(10)} - m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(20)}m_{030}^{(21)}$$
$$+m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(20)}m_{021}^{(11)} + m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(21)}m_{030}^{(20)} - 3m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(21)}m_{021}^{(10)}$$
$$-m_{000}^{(21)}m_{100}^{(10)}m_{300}^{(11)}m_{012}^{(22)} + m_{000}^{(21)}m_{100}^{(10)}m_{300}^{(11)}m_{003}^{(21)} + m_{000}^{(21)}m_{100}^{(10)}m_{300}^{(21)}m_{021}^{(22)}$$
$$-m_{000}^{(21)}m_{100}^{(10)}m_{300}^{(21)}m_{003}^{(11)} - m_{000}^{(21)}m_{100}^{(10)}m_{300}^{(22)}m_{021}^{(21)} + m_{000}^{(21)}m_{100}^{(10)}m_{300}^{(22)}m_{012}^{(11)}$$
$$+m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(10)}m_{012}^{(22)} - m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(10)}m_{003}^{(21)} - m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(11)}m_{102}^{(22)}$$
$$+m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(11)}m_{003}^{(20)} - 3m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(20)}m_{021}^{(22)} + 3m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(20)}m_{012}^{(21)}$$
$$+3m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(21)}m_{111}^{(22)} + m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(21)}m_{102}^{(21)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(21)}m_{012}^{(20)}$$
$$-3m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(22)}m_{111}^{(21)} + 3m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(22)}m_{021}^{(20)} - m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(10)}m_{012}^{(21)}$$
$$+m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(10)}m_{003}^{(11)} - m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(11)}m_{102}^{(21)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(11)}m_{012}^{(20)}$$

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&-m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(11)}m_{003}^{(10)}+3m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(20)}m_{021}^{(21)}-3m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(20)}m_{012}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(21)}m_{111}^{(21)}+m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(21)}m_{102}^{(11)}-2m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(21)}m_{021}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(21)}m_{012}^{(10)}+m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(22)}m_{111}^{(11)}-m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(22)}m_{021}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(10)}m_{102}^{(22)}-m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(10)}m_{003}^{(20)}-m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(20)}m_{111}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(20)}m_{012}^{(20)}-m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(21)}m_{102}^{(20)}+m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(21)}m_{003}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(22)}m_{111}^{(20)}-m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(22)}m_{012}^{(00)}+2m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(00)}m_{021}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(00)}m_{012}^{(21)}-m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(10)}m_{111}^{(22)}-m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(10)}m_{102}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(10)}m_{012}^{(20)}+m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(10)}m_{003}^{(10)}-m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(11)}m_{003}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(20)}m_{111}^{(21)}-m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(20)}m_{021}^{(20)}-m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(20)}m_{012}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(21)}m_{102}^{(10)}+2m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(21)}m_{012}^{(00)}-m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(22)}m_{021}^{(00)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{102}^{(00)}m_{021}^{(21)}+2m_{000}^{(21)}m_{100}^{(10)}m_{102}^{(00)}m_{012}^{(11)}-m_{000}^{(21)}m_{100}^{(10)}m_{102}^{(10)}m_{012}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{102}^{(11)}m_{012}^{(00)}+m_{000}^{(21)}m_{100}^{(10)}m_{102}^{(20)}m_{021}^{(10)}+m_{000}^{(21)}m_{100}^{(10)}m_{102}^{(21)}m_{021}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{300}^{(11)}m_{102}^{(22)}-m_{000}^{(21)}m_{100}^{(11)}m_{300}^{(11)}m_{003}^{(20)}-m_{000}^{(21)}m_{100}^{(11)}m_{300}^{(21)}m_{111}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{300}^{(21)}m_{102}^{(21)}+m_{000}^{(21)}m_{100}^{(11)}m_{300}^{(21)}m_{012}^{(20)}+m_{000}^{(21)}m_{100}^{(11)}m_{300}^{(21)}m_{003}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{300}^{(22)}m_{111}^{(21)}-m_{000}^{(21)}m_{100}^{(11)}m_{300}^{(22)}m_{012}^{(10)}-m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(10)}m_{102}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(10)}m_{003}^{(20)}+2m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(20)}m_{111}^{(22)}-m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(20)}m_{102}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(20)}m_{012}^{(20)}-m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(21)}m_{201}^{(22)}+2m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(21)}m_{102}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(21)}m_{003}^{(00)}+m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(22)}m_{201}^{(21)}-2m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(22)}m_{111}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(22)}m_{012}^{(00)}+m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(10)}m_{102}^{(21)}-m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(10)}m_{003}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(11)}m_{201}^{(22)}+m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(11)}m_{003}^{(00)}-2m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(20)}m_{111}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(20)}m_{102}^{(11)}+m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(20)}m_{012}^{(10)}+m_{000}^{(21)}m_{100}^{(11)}(m_{201}^{(21)})^2\\
&-2m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(21)}m_{102}^{(10)}-m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(21)}m_{012}^{(00)}+2m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(22)}m_{111}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{111}^{(00)}m_{111}^{(22)}+m_{000}^{(21)}m_{100}^{(11)}m_{111}^{(00)}m_{102}^{(21)}-2m_{000}^{(21)}m_{100}^{(11)}m_{111}^{(10)}m_{102}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(11)}(m_{111}^{(20)})^2+m_{000}^{(21)}m_{100}^{(11)}m_{111}^{(21)}m_{102}^{(00)}-m_{000}^{(21)}m_{100}^{(11)}m_{102}^{(00)}m_{102}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(11)}(m_{102}^{(10)})^2-m_{000}^{(21)}m_{100}^{(20)}m_{300}^{(11)}m_{021}^{(22)}+m_{000}^{(21)}m_{100}^{(20)}m_{300}^{(11)}m_{012}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{300}^{(21)}m_{030}^{(22)}-m_{000}^{(21)}m_{100}^{(20)}m_{300}^{(21)}m_{012}^{(11)}-m_{000}^{(21)}m_{100}^{(20)}m_{300}^{(22)}m_{030}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{300}^{(22)}m_{021}^{(11)}+3m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(10)}m_{021}^{(22)}-3m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(10)}m_{012}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(11)}m_{111}^{(22)}+m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(11)}m_{012}^{(20)}-m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(20)}m_{030}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(20)}m_{021}^{(21)}-m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(21)}m_{120}^{(22)}+m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(21)}m_{111}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(21)}m_{021}^{(20)}+2m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(21)}m_{012}^{(10)}+m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(22)}m_{120}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(22)}m_{030}^{(20)}-2m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(22)}m_{021}^{(10)}-3m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(10)}m_{201}^{(21)}\\
&+3m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(10)}m_{012}^{(11)}+3m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(11)}m_{111}^{(21)}-3m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(11)}m_{012}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(20)}m_{030}^{(21)}-m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(20)}m_{021}^{(11)}-m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(21)}m_{120}^{(21)}\\
&-3m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(21)}m_{111}^{(11)}+4m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(21)}m_{021}^{(10)}+m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(22)}m_{120}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(22)}m_{030}^{(10)}-2m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(00)}m_{021}^{(22)}+2m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(00)}m_{012}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(10)}m_{102}^{(21)}-m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(10)}m_{012}^{(20)}-m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(11)}m_{102}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(20)}m_{111}^{(21)}+m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(20)}m_{021}^{(20)}+m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(21)}m_{111}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(21)}m_{012}^{(00)}+m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(22)}m_{021}^{(00)}+2m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(00)}m_{021}^{(21)}
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&-2m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(00)}m_{012}^{(11)} - m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(10)}m_{111}^{(21)} - m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(10)}m_{102}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(10)}m_{021}^{(20)} + m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(10)}m_{012}^{(10)} + m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(11)}m_{111}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(11)}m_{102}^{(10)} + m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(11)}m_{012}^{(00)} - m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(20)}m_{030}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(20)}m_{021}^{(10)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(21)}m_{021}^{(00)} + m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(22)}m_{030}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{102}^{(10)}m_{021}^{(10)} + m_{000}^{(21)}m_{100}^{(20)}m_{102}^{(11)}m_{021}^{(00)} + m_{000}^{(21)}m_{100}^{(20)}m_{102}^{(20)}m_{030}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{102}^{(21)}m_{030}^{(00)} + m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(11)}m_{111}^{(22)} - m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(11)}m_{102}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(21)}m_{120}^{(22)} + m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(21)}m_{102}^{(11)} + m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(22)}m_{120}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(22)}m_{111}^{(11)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(10)}m_{111}^{(22)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(10)}m_{102}^{(21)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(20)}m_{120}^{(22)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(20)}m_{111}^{(21)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(21)}m_{111}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(21)}m_{102}^{(10)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(22)}m_{120}^{(20)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(22)}m_{111}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(10)}m_{111}^{(21)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(10)}m_{102}^{(11)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(11)}m_{111}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(11)}m_{102}^{(10)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(20)}m_{120}^{(21)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(20)}m_{111}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(21)}m_{120}^{(20)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(21)}m_{111}^{(10)} + m_{000}^{(21)}m_{100}^{(21)}m_{120}^{(00)}m_{111}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{120}^{(00)}m_{102}^{(21)} + m_{000}^{(21)}m_{100}^{(21)}m_{120}^{(21)}m_{102}^{(00)} - m_{000}^{(21)}m_{100}^{(21)}m_{120}^{(22)}m_{111}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{111}^{(00)}m_{102}^{(11)} - m_{000}^{(21)}m_{100}^{(21)}m_{111}^{(11)}m_{102}^{(00)} - m_{000}^{(21)}m_{100}^{(22)}m_{300}^{(11)}m_{111}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{300}^{(11)}m_{021}^{(20)} + m_{000}^{(21)}m_{100}^{(22)}m_{300}^{(21)}m_{120}^{(21)} + m_{000}^{(21)}m_{100}^{(22)}m_{300}^{(21)}m_{111}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{300}^{(21)}m_{030}^{(20)} - m_{000}^{(21)}m_{100}^{(22)}m_{300}^{(21)}m_{021}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{300}^{(22)}m_{120}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{300}^{(22)}m_{030}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(10)}m_{120}^{(22)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(10)}m_{111}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(10)}m_{021}^{(20)} + m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(11)}m_{210}^{(22)} + m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(11)}m_{201}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(11)}m_{111}^{(20)} - m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(20)}m_{120}^{(21)} + m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(20)}m_{030}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(22)}(m_{210}^{(21)})^2 - m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(21)}m_{201}^{(11)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(21)}m_{120}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(21)}m_{021}^{(00)} - m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(22)}m_{030}^{(00)} + m_{000}^{(21)}m_{100}^{(22)}m_{201}^{(10)}m_{120}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(22)}m_{201}^{(10)}m_{111}^{(11)} + m_{000}^{(21)}m_{100}^{(22)}m_{201}^{(10)}m_{021}^{(10)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{201}^{(11)}m_{111}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{201}^{(11)}m_{021}^{(00)} + m_{000}^{(21)}m_{100}^{(22)}m_{201}^{(20)}m_{120}^{(11)} - m_{000}^{(21)}m_{100}^{(22)}m_{201}^{(20)}m_{030}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(22)}m_{201}^{(21)}m_{120}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{201}^{(21)}m_{030}^{(00)} + m_{000}^{(21)}m_{100}^{(22)}m_{120}^{(00)}m_{120}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{120}^{(00)}m_{111}^{(21)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{120}^{(10)}m_{111}^{(20)} - m_{000}^{(21)}m_{100}^{(22)}(m_{120}^{(20)})^2\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{120}^{(21)}m_{111}^{(00)} + m_{000}^{(21)}m_{100}^{(22)}m_{111}^{(11)}m_{111}^{(11)} - m_{000}^{(21)}m_{100}^{(22)}(m_{111}^{(10)})^2\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{210}^{(10)}m_{012}^{(22)} + m_{000}^{(21)}m_{010}^{(00)}m_{210}^{(10)}m_{003}^{(21)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{210}^{(20)}m_{021}^{(22)}\\
&+3m_{000}^{(21)}m_{010}^{(00)}m_{210}^{(20)}m_{012}^{(21)} - m_{000}^{(21)}m_{010}^{(00)}m_{210}^{(20)}m_{003}^{(11)} + 3m_{000}^{(21)}m_{010}^{(00)}m_{210}^{(21)}m_{111}^{(22)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{210}^{(21)}m_{102}^{(21)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{210}^{(21)}m_{012}^{(20)} - 3m_{000}^{(21)}m_{010}^{(00)}m_{210}^{(22)}m_{111}^{(21)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{210}^{(22)}m_{102}^{(11)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{210}^{(22)}m_{021}^{(20)} + m_{000}^{(21)}m_{010}^{(00)}m_{201}^{(10)}m_{021}^{(22)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{201}^{(10)}m_{012}^{(21)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{201}^{(11)}m_{111}^{(22)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{201}^{(11)}m_{012}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{201}^{(20)}m_{021}^{(21)} - m_{000}^{(21)}m_{010}^{(00)}m_{201}^{(20)}m_{012}^{(11)} + m_{000}^{(21)}m_{010}^{(00)}m_{201}^{(21)}m_{120}^{(22)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{201}^{(21)}m_{111}^{(21)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{201}^{(21)}m_{021}^{(20)} - m_{000}^{(21)}m_{010}^{(00)}m_{201}^{(22)}m_{120}^{(21)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{201}^{(22)}m_{111}^{(11)} + m_{000}^{(21)}m_{010}^{(00)}m_{120}^{(00)}m_{012}^{(22)} - m_{000}^{(21)}m_{010}^{(00)}m_{120}^{(00)}m_{003}^{(21)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{120}^{(20)}m_{012}^{(20)} + m_{000}^{(21)}m_{010}^{(00)}m_{120}^{(20)}m_{003}^{(10)} + m_{000}^{(21)}m_{010}^{(00)}m_{120}^{(21)}m_{102}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{120}^{(22)}m_{102}^{(10)} + m_{000}^{(21)}m_{010}^{(00)}m_{111}^{(00)}m_{021}^{(22)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{111}^{(00)}m_{012}^{(21)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{111}^{(00)}m_{003}^{(11)} + m_{000}^{(21)}m_{010}^{(00)}m_{111}^{(10)}m_{111}^{(22)} - m_{000}^{(21)}m_{010}^{(00)}m_{111}^{(10)}m_{102}^{(21)}
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&+m_{000}^{(21)}m_{010}^{(00)}m_{111}^{(10)}m_{012}^{(20)} - m_{000}^{(21)}m_{010}^{(00)}m_{111}^{(10)}m_{003}^{(10)} - m_{000}^{(21)}m_{010}^{(00)}m_{111}^{(11)}m_{102}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{111}^{(20)}m_{111}^{(21)} + m_{000}^{(21)}m_{010}^{(00)}m_{111}^{(20)}m_{102}^{(11)} + m_{000}^{(21)}m_{010}^{(00)}m_{111}^{(20)}m_{021}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{111}^{(20)}m_{012}^{(10)} + m_{000}^{(21)}m_{010}^{(00)}m_{111}^{(21)}m_{102}^{(10)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{111}^{(21)}m_{012}^{(00)}\\
&-2m_{000}^{(21)}m_{010}^{(00)}m_{111}^{(22)}m_{021}^{(00)} - m_{000}^{(21)}m_{010}^{(00)}m_{102}^{(00)}m_{021}^{(21)} + m_{000}^{(21)}m_{010}^{(00)}m_{102}^{(00)}m_{012}^{(11)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{102}^{(10)}m_{021}^{(20)} + m_{000}^{(21)}m_{010}^{(00)}m_{102}^{(10)}m_{012}^{(10)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{102}^{(11)}m_{012}^{(00)}\\
&+2m_{000}^{(21)}m_{010}^{(00)}m_{102}^{(21)}m_{021}^{(00)} + m_{000}^{(21)}m_{010}^{(10)}m_{300}^{(10)}m_{012}^{(22)} - m_{000}^{(21)}m_{010}^{(10)}m_{300}^{(10)}m_{003}^{(21)}\\
&+2m_{000}^{(21)}m_{010}^{(10)}m_{300}^{(20)}m_{021}^{(22)} - 3m_{000}^{(21)}m_{010}^{(10)}m_{300}^{(20)}m_{012}^{(21)} + m_{000}^{(21)}m_{010}^{(10)}m_{300}^{(20)}m_{003}^{(11)}\\
&-3m_{000}^{(21)}m_{010}^{(10)}m_{300}^{(21)}m_{111}^{(22)} + m_{000}^{(21)}m_{010}^{(10)}m_{300}^{(21)}m_{102}^{(21)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{300}^{(21)}m_{012}^{(20)}\\
&+3m_{000}^{(21)}m_{010}^{(10)}m_{300}^{(22)}m_{111}^{(21)} - m_{000}^{(21)}m_{010}^{(10)}m_{300}^{(22)}m_{102}^{(11)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{300}^{(22)}m_{021}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{210}^{(00)}m_{012}^{(22)} + m_{000}^{(21)}m_{010}^{(10)}m_{210}^{(00)}m_{003}^{(21)} + m_{000}^{(21)}m_{010}^{(10)}m_{210}^{(10)}m_{102}^{(22)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{210}^{(10)}m_{003}^{(20)} + m_{000}^{(21)}m_{010}^{(10)}m_{210}^{(20)}m_{111}^{(22)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{210}^{(20)}m_{102}^{(21)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{210}^{(20)}m_{012}^{(20)} - m_{000}^{(21)}m_{010}^{(10)}m_{210}^{(21)}m_{201}^{(22)} + m_{000}^{(21)}m_{010}^{(10)}m_{210}^{(21)}m_{102}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{210}^{(22)}m_{201}^{(21)} - m_{000}^{(21)}m_{010}^{(10)}m_{210}^{(22)}m_{111}^{(20)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(00)}m_{021}^{(22)}\\
&+3m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(00)}m_{012}^{(21)} - m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(00)}m_{003}^{(11)} + m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(10)}m_{111}^{(22)}\\
&+2m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(10)}m_{102}^{(21)} - 4m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(10)}m_{012}^{(20)} + m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(10)}m_{003}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(11)}m_{201}^{(22)} - m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(11)}m_{102}^{(20)} - m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(20)}m_{120}^{(22)}\\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(20)}m_{111}^{(21)} + 3m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(20)}m_{012}^{(10)} - m_{000}^{(21)}m_{010}^{(10)}(m_{201}^{(21)})^2\\
&+4m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(21)}m_{111}^{(20)} - m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(21)}m_{102}^{(10)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(21)}m_{012}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(22)}m_{120}^{(20)} - 3m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(22)}m_{111}^{(10)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(22)}m_{021}^{(00)}\\
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&+m_{000}^{(21)}m_{010}^{(10)}m_{111}^{(00)}m_{012}^{(20)} - m_{000}^{(21)}m_{010}^{(10)}m_{111}^{(00)}m_{003}^{(10)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{111}^{(10)}m_{102}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{111}^{(10)}m_{003}^{(00)} - m_{000}^{(21)}m_{010}^{(10)}(m_{111}^{(20)})^2 - m_{000}^{(21)}m_{010}^{(10)}m_{111}^{(20)}m_{012}^{(00)}\\
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&-3m_{000}^{(21)}m_{010}^{(10)}m_{102}^{(00)}m_{012}^{(10)} - m_{000}^{(21)}m_{010}^{(10)}(m_{102}^{(10)})^2 + 3m_{000}^{(21)}m_{010}^{(10)}m_{102}^{(10)}m_{012}^{(00)}\\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{102}^{(20)}m_{021}^{(00)} - m_{000}^{(21)}m_{010}^{(11)}m_{300}^{(10)}m_{102}^{(22)} + m_{000}^{(21)}m_{010}^{(11)}m_{300}^{(10)}m_{003}^{(20)}\\
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&+m_{000}^{(21)}m_{010}^{(11)}m_{210}^{(22)}m_{201}^{(20)} - m_{000}^{(21)}m_{010}^{(11)}m_{210}^{(22)}m_{102}^{(00)} + m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(00)}m_{111}^{(22)}\\
&-2m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(00)}m_{102}^{(21)} + m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(00)}m_{003}^{(10)} + m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(10)}m_{102}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(10)}m_{003}^{(00)} - m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(20)}m_{102}^{(10)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(21)}m_{102}^{(00)}\\
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&-2m_{000}^{(21)}m_{010}^{(20)}m_{300}^{(11)}m_{012}^{(20)} - m_{000}^{(21)}m_{010}^{(20)}m_{300}^{(20)}m_{021}^{(21)} + m_{000}^{(21)}m_{010}^{(20)}m_{300}^{(20)}m_{012}^{(11)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{300}^{(21)}m_{120}^{(22)} - m_{000}^{(21)}m_{010}^{(20)}m_{300}^{(21)}m_{111}^{(21)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{300}^{(21)}m_{021}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{300}^{(22)}m_{120}^{(21)} - m_{000}^{(21)}m_{010}^{(20)}m_{300}^{(22)}m_{111}^{(11)} + m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(00)}m_{021}^{(22)}
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&-m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(00)}m_{012}^{(21)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(10)}m_{111}^{(22)} - m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(10)}m_{102}^{(21)}\\
&+3m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(10)}m_{012}^{(20)} - m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(11)}m_{201}^{(22)} + m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(11)}m_{102}^{(20)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(20)}m_{120}^{(22)} + m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(20)}m_{111}^{(21)} - m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(20)}m_{021}^{(20)}\\
&-2m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(20)}m_{012}^{(10)} + m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(21)}m_{201}^{(21)} - m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(21)}m_{111}^{(20)}\\
&-2m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(22)}m_{120}^{(20)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(22)}m_{111}^{(10)} + m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(00)}m_{021}^{(21)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(00)}m_{012}^{(11)} - m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(10)}m_{111}^{(21)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(10)}m_{021}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(10)}m_{012}^{(10)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(11)}m_{111}^{(20)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(11)}m_{012}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(20)}m_{120}^{(21)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(20)}m_{111}^{(11)} - m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(20)}m_{021}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(21)}m_{111}^{(10)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(21)}m_{021}^{(00)} + m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(22)}m_{120}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{120}^{(00)}m_{102}^{(21)} - m_{000}^{(21)}m_{010}^{(20)}m_{120}^{(00)}m_{012}^{(20)} - m_{000}^{(21)}m_{010}^{(20)}m_{120}^{(10)}m_{102}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{120}^{(20)}m_{111}^{(20)} + m_{000}^{(21)}m_{010}^{(20)}m_{120}^{(00)}m_{012}^{(00)} - m_{000}^{(21)}m_{010}^{(20)}m_{120}^{(10)}m_{111}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{111}^{(00)}m_{111}^{(21)} - 3m_{000}^{(21)}m_{010}^{(20)}m_{111}^{(00)}m_{021}^{(20)} + 3m_{000}^{(21)}m_{010}^{(20)}m_{111}^{(00)}m_{012}^{(10)}\\
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&+2m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(21)}m_{210}^{(22)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(21)}m_{111}^{(20)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(22)}m_{210}^{(21)}\\
&+m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(22)}m_{201}^{(11)} + m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(22)}m_{120}^{(20)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(10)}m_{201}^{(22)}\\
&-2m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(10)}m_{102}^{(20)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(20)}m_{201}^{(21)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(20)}m_{102}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(20)}m_{201}^{(20)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(22)}m_{201}^{(10)} + m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(00)}m_{120}^{(22)}\\
&-2m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(00)}m_{111}^{(21)} + m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(00)}m_{102}^{(11)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(10)}m_{111}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(11)}m_{102}^{(00)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(20)}m_{111}^{(10)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(21)}m_{111}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(22)}m_{120}^{(00)} + m_{000}^{(21)}m_{010}^{(21)}m_{120}^{(00)}m_{102}^{(20)} - m_{000}^{(21)}m_{010}^{(21)}m_{120}^{(20)}m_{102}^{(00)}\\
&-2m_{000}^{(21)}m_{010}^{(21)}m_{111}^{(00)}m_{102}^{(10)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{111}^{(10)}m_{102}^{(00)} + m_{000}^{(21)}m_{010}^{(22)}m_{300}^{(10)}m_{120}^{(22)}\\
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&-m_{000}^{(21)}m_{010}^{(22)}m_{300}^{(20)}m_{111}^{(11)} + m_{000}^{(21)}m_{010}^{(22)}m_{300}^{(20)}m_{021}^{(10)} + m_{000}^{(21)}m_{010}^{(22)}m_{300}^{(22)}m_{210}^{(11)}\\
&-m_{000}^{(21)}m_{010}^{(22)}m_{300}^{(22)}m_{120}^{(10)} - m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(00)}m_{120}^{(22)} + m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(00)}m_{021}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(11)}m_{201}^{(20)} + m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(20)}m_{201}^{(11)} - m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(20)}m_{021}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(22)}m_{120}^{(00)} + m_{000}^{(21)}m_{010}^{(22)}m_{201}^{(00)}m_{111}^{(11)} - m_{000}^{(21)}m_{010}^{(22)}m_{201}^{(00)}m_{021}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(22)}m_{201}^{(10)}m_{120}^{(20)} + m_{000}^{(21)}m_{010}^{(22)}m_{201}^{(10)}m_{021}^{(00)} - m_{000}^{(21)}m_{010}^{(22)}m_{201}^{(11)}m_{111}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(22)}m_{201}^{(20)}m_{120}^{(10)} - m_{000}^{(21)}m_{010}^{(22)}m_{120}^{(00)}m_{111}^{(20)} + m_{000}^{(21)}m_{010}^{(22)}m_{120}^{(20)}m_{111}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{210}^{(10)}m_{021}^{(22)} - m_{000}^{(21)}m_{001}^{(00)}m_{210}^{(10)}m_{012}^{(21)} - m_{000}^{(21)}m_{001}^{(00)}m_{210}^{(11)}m_{111}^{(22)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{210}^{(11)}m_{102}^{(21)} + m_{000}^{(21)}m_{001}^{(00)}m_{210}^{(20)}m_{021}^{(21)} - m_{000}^{(21)}m_{001}^{(00)}m_{210}^{(20)}m_{012}^{(11)}\\
&-m_{000}^{(21)}m_{001}^{(00)}m_{210}^{(21)}m_{111}^{(21)} - m_{000}^{(21)}m_{001}^{(00)}m_{210}^{(21)}m_{102}^{(11)} + 2m_{000}^{(21)}m_{001}^{(00)}m_{210}^{(21)}m_{012}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(00)}m_{210}^{(22)}m_{111}^{(11)} - 2m_{000}^{(21)}m_{001}^{(00)}m_{210}^{(22)}m_{021}^{(10)} + m_{000}^{(21)}m_{001}^{(00)}m_{201}^{(10)}m_{030}^{(22)}\\
&-3m_{000}^{(21)}m_{001}^{(00)}m_{201}^{(10)}m_{021}^{(21)} + 2m_{000}^{(21)}m_{001}^{(00)}m_{201}^{(10)}m_{012}^{(11)} - m_{000}^{(21)}m_{001}^{(00)}m_{201}^{(11)}m_{120}^{(22)}\\
&+3m_{000}^{(21)}m_{001}^{(00)}m_{201}^{(11)}m_{111}^{(21)} - 2m_{000}^{(21)}m_{001}^{(00)}m_{201}^{(11)}m_{012}^{(10)} - m_{000}^{(21)}m_{001}^{(00)}m_{201}^{(20)}m_{030}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{201}^{(20)}m_{021}^{(11)} + m_{000}^{(21)}m_{001}^{(00)}m_{201}^{(21)}m_{120}^{(21)} - 3m_{000}^{(21)}m_{001}^{(00)}m_{201}^{(21)}m_{111}^{(11)}
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&+2m_{000}^{(21)}m_{001}^{(00)}m_{201}^{(21)}m_{021}^{(10)} - m_{000}^{(21)}m_{001}^{(00)}m_{120}^{(00)}m_{021}^{(22)} + m_{000}^{(21)}m_{001}^{(00)}m_{120}^{(00)}m_{012}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{120}^{(10)}m_{111}^{(22)} - m_{000}^{(21)}m_{001}^{(00)}m_{120}^{(10)}m_{102}^{(21)} - m_{000}^{(21)}m_{001}^{(00)}m_{120}^{(20)}m_{111}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{120}^{(20)}m_{102}^{(11)} - m_{000}^{(21)}m_{001}^{(00)}m_{120}^{(20)}m_{021}^{(20)} + m_{000}^{(21)}m_{001}^{(00)}m_{120}^{(20)}m_{012}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{120}^{(21)}m_{111}^{(20)} - 2m_{000}^{(21)}m_{001}^{(00)}m_{120}^{(21)}m_{012}^{(00)} - m_{000}^{(21)}m_{001}^{(00)}m_{120}^{(22)}m_{111}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(00)}m_{120}^{(22)}m_{021}^{(00)} - m_{000}^{(21)}m_{001}^{(00)}m_{111}^{(00)}m_{030}^{(22)} + 2m_{000}^{(21)}m_{001}^{(00)}m_{111}^{(00)}m_{021}^{(21)}\\
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&+2m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(21)}m_{012}^{(00)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(22)}m_{111}^{(10)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(22)}m_{021}^{(00)}\\
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&-2m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(10)}m_{102}^{(11)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(10)}m_{021}^{(20)} + m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(10)}m_{012}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(11)}m_{111}^{(20)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(11)}m_{102}^{(10)} + m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(20)}m_{120}^{(21)}\\
&+2m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(20)}m_{111}^{(11)} - 3m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(20)}m_{021}^{(10)} + m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(21)}m_{111}^{(10)}\\
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&+m_{000}^{(21)}m_{001}^{(10)}m_{120}^{(10)}m_{102}^{(20)} - m_{000}^{(21)}m_{001}^{(10)}m_{120}^{(20)}m_{111}^{(20)} + m_{000}^{(21)}m_{001}^{(10)}m_{120}^{(20)}m_{012}^{(00)}\\
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&-m_{000}^{(21)}m_{001}^{(10)}m_{111}^{(10)}m_{102}^{(10)} - 3m_{000}^{(21)}m_{001}^{(10)}m_{111}^{(10)}m_{012}^{(00)} + 3m_{000}^{(21)}m_{001}^{(10)}m_{111}^{(20)}m_{021}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{102}^{(00)}m_{021}^{(10)} - m_{000}^{(21)}m_{001}^{(10)}m_{102}^{(10)}m_{021}^{(00)} + m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(10)}m_{111}^{(22)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(10)}m_{012}^{(20)} - m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(11)}m_{201}^{(22)} + m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(11)}m_{102}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(20)}m_{102}^{(11)} + m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(20)}m_{012}^{(10)} + m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(22)}m_{201}^{(11)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(22)}m_{111}^{(10)} - m_{000}^{(21)}m_{001}^{(11)}m_{210}^{(00)}m_{111}^{(22)} + m_{000}^{(21)}m_{001}^{(11)}m_{210}^{(00)}m_{012}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{210}^{(10)}m_{201}^{(22)} - m_{000}^{(21)}m_{001}^{(11)}m_{210}^{(10)}m_{102}^{(20)} + m_{000}^{(21)}m_{001}^{(11)}m_{210}^{(20)}m_{102}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{210}^{(20)}m_{012}^{(00)} - m_{000}^{(21)}m_{001}^{(11)}m_{210}^{(22)}m_{201}^{(10)} + m_{000}^{(21)}m_{001}^{(11)}m_{210}^{(22)}m_{111}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(00)}m_{102}^{(11)} - m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(00)}m_{012}^{(10)} + m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(10)}m_{012}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(11)}m_{102}^{(00)} - m_{000}^{(21)}m_{001}^{(11)}m_{111}^{(00)}m_{102}^{(10)} + m_{000}^{(21)}m_{001}^{(11)}m_{111}^{(10)}m_{102}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(10)}m_{030}^{(22)} + 3m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(10)}m_{021}^{(21)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(10)}m_{012}^{(11)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(11)}m_{120}^{(22)} - 3m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(11)}m_{111}^{(21)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(11)}m_{012}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(20)}m_{030}^{(21)} - m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(20)}m_{021}^{(11)} - m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(21)}m_{120}^{(21)}
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&+3m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(21)}m_{111}^{(11)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(21)}m_{021}^{(10)} + m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(00)}m_{030}^{(22)}\\
&-3m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(00)}m_{021}^{(21)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(00)}m_{012}^{(11)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(10)}m_{111}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(10)}m_{102}^{(11)} - 3m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(10)}m_{021}^{(20)} - m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(11)}m_{210}^{(22)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(11)}m_{201}^{(21)} + 3m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(11)}m_{111}^{(20)} - m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(11)}m_{102}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(11)}m_{012}^{(00)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(20)}m_{120}^{(21)} - m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(20)}m_{111}^{(11)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(20)}m_{030}^{(20)} + 4m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(20)}m_{021}^{(10)} + m_{000}^{(21)}m_{001}^{(20)}(m_{210}^{(21)})^2\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(21)}m_{201}^{(11)} + m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(21)}m_{120}^{(20)} - 4m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(21)}m_{111}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(21)}m_{021}^{(00)} + m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(22)}m_{120}^{(10)} - m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(00)}m_{030}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(00)}m_{021}^{(11)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(10)}m_{120}^{(21)} - m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(10)}m_{111}^{(11)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(10)}m_{021}^{(10)} + m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(11)}m_{111}^{(10)} - m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(20)}m_{120}^{(11)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(20)}m_{030}^{(10)} - m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(21)}m_{120}^{(10)} - m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(00)}m_{120}^{(22)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(00)}m_{111}^{(21)} - m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(00)}m_{102}^{(11)} + 3m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(00)}m_{021}^{(20)}\\
&-2m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(00)}m_{012}^{(10)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(10)}m_{111}^{(20)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(10)}m_{012}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(11)}m_{102}^{(00)} + m_{000}^{(21)}m_{001}^{(20)}(m_{120}^{(20)})^2 - 3m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(20)}m_{021}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(21)}m_{111}^{(00)} - m_{000}^{(21)}m_{001}^{(20)}m_{111}^{(00)}m_{111}^{(11)} + m_{000}^{(21)}m_{001}^{(20)}m_{111}^{(00)}m_{030}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{111}^{(00)}m_{021}^{(10)} + m_{000}^{(21)}m_{001}^{(20)}(m_{111}^{(10)})^2 + m_{000}^{(21)}m_{001}^{(20)}m_{111}^{(10)}m_{021}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{111}^{(20)}m_{030}^{(00)} - m_{000}^{(21)}m_{001}^{(20)}m_{102}^{(00)}m_{030}^{(10)} + m_{000}^{(21)}m_{001}^{(20)}m_{102}^{(10)}m_{030}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(10)}m_{120}^{(22)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(10)}m_{111}^{(21)} + m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(10)}m_{102}^{(11)}\\
&-m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(11)}m_{210}^{(22)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(11)}m_{201}^{(21)} - m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(11)}m_{102}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(21)}m_{201}^{(11)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(21)}m_{111}^{(10)} + m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(22)}m_{210}^{(11)}\\
&-m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(22)}m_{120}^{(10)} - m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(00)}m_{120}^{(22)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(00)}m_{111}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(00)}m_{102}^{(11)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(10)}m_{201}^{(21)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(10)}m_{111}^{(20)}\\
&-2m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(11)}m_{201}^{(20)} + m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(11)}m_{102}^{(00)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(20)}m_{201}^{(11)}\\
&-2m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(20)}m_{111}^{(10)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(21)}m_{201}^{(10)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(21)}m_{111}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(22)}m_{120}^{(00)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{201}^{(10)}m_{120}^{(20)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{201}^{(20)}m_{120}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(21)}m_{120}^{(00)}m_{111}^{(20)} + m_{000}^{(21)}m_{001}^{(21)}m_{120}^{(00)}m_{102}^{(10)} - m_{000}^{(21)}m_{001}^{(21)}m_{120}^{(10)}m_{102}^{(00)}\\
&+2m_{000}^{(21)}m_{001}^{(21)}m_{120}^{(20)}m_{111}^{(00)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(10)}m_{120}^{(21)} + m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(10)}m_{111}^{(11)}\\
&+m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(10)}m_{030}^{(20)} + 2m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(11)}m_{210}^{(21)} - m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(11)}m_{120}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(11)}m_{111}^{(10)} + m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(20)}m_{120}^{(11)} - m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(20)}m_{030}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(21)}m_{210}^{(11)} + 2m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(21)}m_{120}^{(10)} + 2m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(00)}m_{120}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(00)}m_{111}^{(11)} - m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(00)}m_{030}^{(20)} - m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(10)}m_{201}^{(11)}\\
&+m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(10)}m_{120}^{(20)} + m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(11)}m_{201}^{(10)} + m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(11)}m_{111}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(20)}m_{120}^{(10)} + m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(20)}m_{030}^{(00)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(21)}m_{120}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(22)}m_{201}^{(00)}m_{120}^{(11)} + m_{000}^{(21)}m_{001}^{(22)}m_{201}^{(00)}m_{030}^{(10)} - m_{000}^{(21)}m_{001}^{(22)}m_{201}^{(10)}m_{030}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(22)}m_{201}^{(11)}m_{120}^{(00)} + m_{000}^{(21)}m_{001}^{(22)}m_{120}^{(00)}m_{111}^{(10)} - m_{000}^{(21)}m_{001}^{(22)}m_{120}^{(10)}m_{111}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{210}^{(11)}m_{021}^{(22)} + m_{000}^{(22)}m_{100}^{(00)}m_{210}^{(11)}m_{012}^{(21)} + m_{000}^{(22)}m_{100}^{(00)}m_{210}^{(21)}m_{030}^{(22)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{210}^{(21)}m_{012}^{(11)} - m_{000}^{(22)}m_{100}^{(00)}m_{210}^{(22)}m_{030}^{(21)} + m_{000}^{(22)}m_{100}^{(00)}m_{210}^{(22)}m_{021}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{120}^{(10)}m_{021}^{(22)} - m_{000}^{(22)}m_{100}^{(00)}m_{120}^{(10)}m_{012}^{(21)} + m_{000}^{(22)}m_{100}^{(00)}m_{120}^{(11)}m_{111}^{(22)}
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&-m_{000}^{(22)}m_{100}^{(00)}m_{120}^{(11)}m_{102}^{(21)} - 2m_{000}^{(22)}m_{100}^{(00)}m_{120}^{(20)}m_{030}^{(22)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{120}^{(20)}m_{021}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{120}^{(21)}m_{102}^{(11)} - 2m_{000}^{(22)}m_{100}^{(00)}m_{120}^{(21)}m_{021}^{(20)} + m_{000}^{(22)}m_{100}^{(00)}m_{120}^{(21)}m_{012}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{120}^{(22)}m_{111}^{(11)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{120}^{(22)}m_{030}^{(20)} - m_{000}^{(22)}m_{100}^{(00)}m_{120}^{(22)}m_{021}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{111}^{(10)}m_{030}^{(22)} - 2m_{000}^{(22)}m_{100}^{(00)}m_{111}^{(10)}m_{021}^{(21)} + m_{000}^{(22)}m_{100}^{(00)}m_{111}^{(10)}m_{012}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(00)}m_{111}^{(11)}m_{021}^{(20)} - m_{000}^{(22)}m_{100}^{(00)}m_{111}^{(11)}m_{012}^{(10)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{111}^{(20)}m_{030}^{(21)}\\
&-2m_{000}^{(22)}m_{100}^{(00)}m_{111}^{(20)}m_{021}^{(11)} - 2m_{000}^{(22)}m_{100}^{(00)}m_{111}^{(21)}m_{030}^{(20)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{111}^{(21)}m_{021}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{111}^{(22)}m_{030}^{(10)} - m_{000}^{(22)}m_{100}^{(00)}m_{102}^{(10)}m_{030}^{(21)} + m_{000}^{(22)}m_{100}^{(00)}m_{102}^{(10)}m_{021}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{102}^{(11)}m_{021}^{(10)} + m_{000}^{(22)}m_{100}^{(00)}m_{102}^{(21)}m_{030}^{(10)} + m_{000}^{(22)}m_{100}^{(10)}m_{300}^{(11)}m_{021}^{(22)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{300}^{(11)}m_{012}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{300}^{(21)}m_{030}^{(22)} + m_{000}^{(22)}m_{100}^{(10)}m_{300}^{(21)}m_{012}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{300}^{(22)}m_{030}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{300}^{(22)}m_{021}^{(11)} - m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(10)}m_{021}^{(22)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(10)}m_{012}^{(21)} + m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(11)}m_{102}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(11)}m_{012}^{(20)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(20)}m_{030}^{(22)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(20)}m_{021}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(21)}m_{120}^{(22)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(21)}m_{111}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(21)}m_{102}^{(11)} + 3m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(21)}m_{021}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(22)}m_{120}^{(21)} + m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(22)}m_{111}^{(11)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(22)}m_{030}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(10)}m_{021}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(10)}m_{012}^{(11)} - m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(11)}m_{021}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(11)}m_{012}^{(10)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(20)}m_{030}^{(21)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(20)}m_{021}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(21)}m_{120}^{(21)} + m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(21)}m_{030}^{(20)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(21)}m_{021}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(22)}m_{120}^{(11)} + m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(22)}m_{030}^{(10)} - m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(10)}m_{102}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(10)}m_{012}^{(20)} + m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(11)}m_{102}^{(20)} + m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(20)}m_{111}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(20)}m_{021}^{(20)} - m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(21)}m_{111}^{(20)} - m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(21)}m_{012}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(22)}m_{021}^{(00)} - m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(00)}m_{030}^{(22)} + m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(00)}m_{021}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(10)}m_{111}^{(21)} + m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(10)}m_{102}^{(11)} - m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(10)}m_{021}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(10)}m_{012}^{(10)} - m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(11)}m_{111}^{(20)} - m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(11)}m_{102}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(11)}m_{012}^{(00)} + m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(20)}m_{030}^{(20)} + m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(20)}m_{021}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(21)}m_{021}^{(00)} + m_{000}^{(22)}m_{100}^{(10)}m_{102}^{(00)}m_{030}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{102}^{(00)}m_{021}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{102}^{(10)}m_{021}^{(10)} - m_{000}^{(22)}m_{100}^{(10)}m_{102}^{(20)}m_{030}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{300}^{(11)}m_{111}^{(22)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{300}^{(11)}m_{012}^{(20)} + m_{000}^{(22)}m_{100}^{(11)}m_{300}^{(21)}m_{120}^{(22)} + m_{000}^{(22)}m_{100}^{(11)}m_{300}^{(21)}m_{111}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{300}^{(21)}m_{021}^{(20)} - m_{000}^{(22)}m_{100}^{(11)}m_{300}^{(21)}m_{012}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{300}^{(22)}m_{120}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{300}^{(22)}m_{021}^{(10)} + m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(10)}m_{111}^{(22)} - m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(10)}m_{012}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(11)}m_{201}^{(22)} - m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(11)}m_{102}^{(20)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(20)}m_{120}^{(22)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(20)}m_{111}^{(21)} + m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(20)}m_{021}^{(20)} - m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(21)}m_{201}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(21)}m_{111}^{(20)} + m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(21)}m_{102}^{(10)} + m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(21)}m_{012}^{(00)}\\
&+2m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(22)}m_{120}^{(20)} - m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(22)}m_{111}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(22)}m_{021}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{201}^{(10)}m_{111}^{(21)} + m_{000}^{(22)}m_{100}^{(11)}m_{201}^{(10)}m_{012}^{(10)} + m_{000}^{(22)}m_{100}^{(11)}m_{201}^{(11)}m_{111}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{201}^{(11)}m_{012}^{(00)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{201}^{(20)}m_{120}^{(21)} - m_{000}^{(22)}m_{100}^{(11)}m_{201}^{(20)}m_{111}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{201}^{(20)}m_{021}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{201}^{(21)}m_{120}^{(20)} + m_{000}^{(22)}m_{100}^{(11)}m_{201}^{(21)}m_{111}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{201}^{(21)}m_{021}^{(00)} - m_{000}^{(22)}m_{100}^{(11)}m_{201}^{(22)}m_{120}^{(10)} + m_{000}^{(22)}m_{100}^{(11)}m_{120}^{(10)}m_{102}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{120}^{(20)}m_{111}^{(20)} - m_{000}^{(22)}m_{100}^{(11)}m_{120}^{(21)}m_{102}^{(00)} + m_{000}^{(22)}m_{100}^{(11)}m_{120}^{(22)}m_{111}^{(00)}
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&-m_{000}^{(22)}m_{100}^{(11)}m_{111}^{(00)}m_{111}^{(21)}+m_{000}^{(22)}m_{100}^{(11)}m_{111}^{(10)}m_{111}^{(20)}-m_{000}^{(22)}m_{100}^{(11)}m_{111}^{(10)}m_{102}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{111}^{(11)}m_{102}^{(00)}-m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(10)}m_{030}^{(22)}+m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(10)}m_{021}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(11)}m_{120}^{(22)}-m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(11)}m_{111}^{(21)}+m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(21)}m_{111}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(21)}m_{021}^{(10)}-m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(22)}m_{120}^{(11)}+m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(22)}m_{030}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{201}^{(10)}m_{030}^{(21)}-m_{000}^{(22)}m_{100}^{(20)}m_{201}^{(10)}m_{021}^{(11)}-m_{000}^{(22)}m_{100}^{(20)}m_{201}^{(11)}m_{120}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{201}^{(11)}m_{021}^{(10)}+m_{000}^{(22)}m_{100}^{(20)}m_{201}^{(21)}m_{120}^{(11)}-m_{000}^{(22)}m_{100}^{(20)}m_{201}^{(21)}m_{030}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(00)}m_{030}^{(22)}-m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(00)}m_{021}^{(21)}+m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(21)}m_{021}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(22)}m_{030}^{(00)}-m_{000}^{(22)}m_{100}^{(20)}m_{111}^{(00)}m_{030}^{(21)}+m_{000}^{(22)}m_{100}^{(20)}m_{111}^{(00)}m_{021}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{111}^{(11)}m_{021}^{(00)}+m_{000}^{(22)}m_{100}^{(20)}m_{111}^{(21)}m_{030}^{(00)}+m_{000}^{(22)}m_{100}^{(21)}m_{300}^{(11)}m_{111}^{(21)}\\
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&+m_{000}^{(22)}m_{100}^{(21)}m_{300}^{(21)}m_{030}^{(20)}+m_{000}^{(22)}m_{100}^{(21)}m_{300}^{(21)}m_{021}^{(10)}+m_{000}^{(22)}m_{100}^{(21)}m_{300}^{(22)}m_{120}^{(11)}\\
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&+m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(10)}m_{021}^{(20)}-m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(11)}m_{210}^{(22)}-m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(11)}m_{201}^{(21)}\\
&+2m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(11)}m_{111}^{(20)}+m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(20)}m_{120}^{(21)}-m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(20)}m_{030}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(21)}(m_{210}^{(21)})^2+m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(21)}m_{201}^{(11)}-2m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(21)}m_{120}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(21)}m_{021}^{(00)}+m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(22)}m_{030}^{(00)}-m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(10)}m_{201}^{(21)}m_{120}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(10)}m_{111}^{(11)}-m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(10)}m_{021}^{(10)}-2m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(11)}m_{111}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(11)}m_{021}^{(00)}-m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(20)}m_{120}^{(11)}+m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(20)}m_{030}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(21)}m_{120}^{(10)}-m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(21)}m_{030}^{(00)}-m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(00)}m_{120}^{(22)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(00)}m_{111}^{(21)}-2m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(10)}m_{111}^{(20)}+m_{000}^{(22)}m_{100}^{(21)}(m_{120}^{(20)})^2\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(21)}m_{111}^{(00)}-m_{000}^{(22)}m_{100}^{(21)}m_{111}^{(00)}m_{111}^{(11)}+m_{000}^{(22)}m_{100}^{(21)}(m_{111}^{(10)})^2\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{210}^{(10)}m_{021}^{(22)}-m_{000}^{(22)}m_{010}^{(00)}m_{210}^{(10)}m_{012}^{(21)}+m_{000}^{(22)}m_{010}^{(00)}m_{210}^{(20)}m_{030}^{(22)}\\
&-2m_{000}^{(22)}m_{010}^{(00)}m_{210}^{(20)}m_{021}^{(21)}+m_{000}^{(22)}m_{010}^{(00)}m_{210}^{(20)}m_{012}^{(11)}-2m_{000}^{(22)}m_{010}^{(00)}m_{210}^{(21)}m_{120}^{(22)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{210}^{(21)}m_{111}^{(21)}+m_{000}^{(22)}m_{010}^{(00)}m_{210}^{(21)}m_{021}^{(20)}+2m_{000}^{(22)}m_{010}^{(00)}m_{210}^{(22)}m_{120}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{210}^{(22)}m_{111}^{(11)}-m_{000}^{(22)}m_{010}^{(00)}m_{210}^{(22)}m_{030}^{(20)}-m_{000}^{(22)}m_{010}^{(00)}m_{201}^{(10)}m_{030}^{(22)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{201}^{(10)}m_{021}^{(21)}+m_{000}^{(22)}m_{010}^{(00)}m_{201}^{(11)}m_{120}^{(22)}-m_{000}^{(22)}m_{010}^{(00)}m_{201}^{(11)}m_{021}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{201}^{(21)}m_{120}^{(21)}+m_{000}^{(22)}m_{010}^{(00)}m_{201}^{(21)}m_{030}^{(20)}-m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(00)}m_{021}^{(22)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(00)}m_{012}^{(21)}-m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(10)}m_{111}^{(22)}+m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(10)}m_{102}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(20)}m_{111}^{(21)}-m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(20)}m_{102}^{(11)}+m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(20)}m_{021}^{(20)}\\
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&+m_{000}^{(22)}m_{010}^{(00)}m_{111}^{(00)}m_{021}^{(21)}-m_{000}^{(22)}m_{010}^{(00)}m_{111}^{(00)}m_{012}^{(11)}-m_{000}^{(22)}m_{010}^{(00)}m_{111}^{(10)}m_{111}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{111}^{(10)}m_{021}^{(20)}+m_{000}^{(22)}m_{010}^{(00)}m_{111}^{(10)}m_{012}^{(10)}+m_{000}^{(22)}m_{010}^{(00)}m_{111}^{(11)}m_{111}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{111}^{(20)}m_{030}^{(20)}+m_{000}^{(22)}m_{010}^{(00)}m_{111}^{(20)}m_{021}^{(10)}-m_{000}^{(22)}m_{010}^{(00)}m_{111}^{(21)}m_{021}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{111}^{(22)}m_{030}^{(00)}+m_{000}^{(22)}m_{010}^{(00)}m_{102}^{(10)}m_{030}^{(20)}-m_{000}^{(22)}m_{010}^{(00)}m_{102}^{(10)}m_{021}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{102}^{(11)}m_{021}^{(00)}-m_{000}^{(22)}m_{010}^{(00)}m_{102}^{(21)}m_{030}^{(00)}-m_{000}^{(22)}m_{010}^{(10)}m_{300}^{(10)}m_{021}^{(22)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{300}^{(10)}m_{012}^{(21)}-m_{000}^{(22)}m_{010}^{(10)}m_{300}^{(20)}m_{030}^{(22)}+2m_{000}^{(22)}m_{010}^{(10)}m_{300}^{(20)}m_{021}^{(21)}\\
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&+m_{000}^{(22)}m_{010}^{(10)}m_{300}^{(22)}m_{030}^{(20)}+m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(00)}m_{021}^{(22)}-m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(00)}m_{012}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(10)}m_{102}^{(21)}+m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(10)}m_{012}^{(20)}-m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(20)}m_{120}^{(22)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(20)}m_{111}^{(21)}+m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(20)}m_{102}^{(11)}-m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(20)}m_{021}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(21)}m_{201}^{(21)}-m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(21)}m_{111}^{(20)}-m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(22)}m_{201}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(22)}m_{120}^{(20)}+m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(00)}m_{030}^{(22)}-2m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(00)}m_{021}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(00)}m_{012}^{(11)}-m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(10)}m_{111}^{(21)}+2m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(10)}m_{021}^{(20)}\\
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&+m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(21)}m_{111}^{(10)}+m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(21)}m_{021}^{(00)}+m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(22)}m_{120}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(22)}m_{030}^{(00)}+m_{000}^{(22)}m_{010}^{(10)}m_{120}^{(00)}m_{102}^{(21)}-m_{000}^{(22)}m_{010}^{(10)}m_{120}^{(00)}m_{012}^{(20)}\\
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&+m_{000}^{(22)}m_{010}^{(10)}m_{111}^{(00)}m_{012}^{(10)}-m_{000}^{(22)}m_{010}^{(10)}m_{111}^{(10)}m_{111}^{(20)}+m_{000}^{(22)}m_{010}^{(10)}m_{111}^{(10)}m_{102}^{(10)}\\
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&-m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(10)}m_{012}^{(20)}+m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(20)}m_{120}^{(22)}-2m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(20)}m_{111}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(20)}m_{012}^{(10)}-2m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(21)}m_{210}^{(22)}+2m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(21)}m_{111}^{(20)}\\
&+2m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(22)}m_{210}^{(21)}-m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(22)}m_{120}^{(20)}-m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(22)}m_{111}^{(10)}\\
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&+m_{000}^{(22)}m_{010}^{(11)}m_{210}^{(22)}m_{111}^{(00)}-m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(00)}m_{120}^{(22)}+2m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(00)}m_{111}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(00)}m_{012}^{(10)}-2m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(10)}m_{111}^{(20)}+m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(10)}m_{012}^{(00)}\\
&+2m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(20)}m_{111}^{(10)}-2m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(21)}m_{111}^{(00)}+m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(22)}m_{120}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{120}^{(00)}m_{102}^{(20)}+m_{000}^{(22)}m_{010}^{(11)}m_{120}^{(00)}m_{102}^{(10)}+m_{000}^{(22)}m_{010}^{(11)}m_{111}^{(00)}m_{102}^{(10)}\\
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&-m_{000}^{(22)}m_{010}^{(20)}m_{300}^{(21)}m_{120}^{(20)}-m_{000}^{(22)}m_{010}^{(20)}m_{300}^{(22)}m_{120}^{(10)}+m_{000}^{(22)}m_{010}^{(20)}m_{300}^{(22)}m_{021}^{(10)}\\
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&-2m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(10)}m_{021}^{(20)}+m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(11)}m_{210}^{(22)}-m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(11)}m_{111}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(20)}m_{120}^{(21)}-m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(20)}m_{111}^{(11)}+m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(20)}m_{030}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(20)}m_{021}^{(10)}-m_{000}^{(22)}m_{010}^{(20)}(m_{210}^{(21)})^2+2m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(21)}m_{120}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(22)}m_{120}^{(10)}-m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(10)}m_{030}^{(20)}+m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(10)}m_{021}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(11)}m_{120}^{(20)}-m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(11)}m_{021}^{(00)}-m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(21)}m_{120}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(22)}m_{120}^{(00)}-2m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(00)}m_{111}^{(21)}+m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(00)}m_{021}^{(20)}+2m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(10)}m_{111}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(20)}(m_{120}^{(20)})^2-m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(20)}m_{021}^{(00)}+m_{000}^{(22)}m_{010}^{(20)}m_{111}^{(00)}m_{111}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{111}^{(00)}m_{030}^{(20)}-2m_{000}^{(22)}m_{010}^{(20)}m_{111}^{(00)}m_{021}^{(10)}-m_{000}^{(22)}m_{010}^{(20)}(m_{111}^{(10)})^2\\
&+2m_{000}^{(22)}m_{010}^{(20)}m_{111}^{(10)}m_{021}^{(00)}-m_{000}^{(22)}m_{010}^{(20)}m_{111}^{(20)}m_{030}^{(00)}-m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(10)}m_{120}^{(22)}
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&+m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(10)}m_{021}^{(20)} + m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(11)}m_{210}^{(22)} - m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(11)}m_{111}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(20)}m_{111}^{(11)} - m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(20)}m_{021}^{(10)} - m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(22)}m_{210}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(22)}m_{120}^{(10)} + m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(00)}m_{120}^{(22)} - m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(00)}m_{021}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(11)}m_{201}^{(20)} - m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(20)}m_{201}^{(11)} + m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(20)}m_{021}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(22)}m_{120}^{(00)} - m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(00)}m_{111}^{(11)} + m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(00)}m_{021}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(10)}m_{120}^{(20)} - m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(10)}m_{021}^{(00)} + m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(11)}m_{111}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(20)}m_{120}^{(10)} + m_{000}^{(22)}m_{010}^{(21)}m_{120}^{(00)}m_{111}^{(20)} - m_{000}^{(22)}m_{010}^{(21)}m_{120}^{(20)}m_{111}^{(00)}\\
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&-m_{000}^{(22)}m_{001}^{(00)}m_{210}^{(11)}m_{111}^{(21)} + m_{000}^{(22)}m_{001}^{(00)}m_{210}^{(21)}m_{111}^{(11)} - m_{000}^{(22)}m_{001}^{(00)}m_{210}^{(21)}m_{021}^{(10)}\\
&-m_{000}^{(22)}m_{001}^{(00)}m_{210}^{(22)}m_{120}^{(11)} + m_{000}^{(22)}m_{001}^{(00)}m_{210}^{(22)}m_{030}^{(10)} + m_{000}^{(22)}m_{001}^{(00)}m_{201}^{(10)}m_{030}^{(21)}\\
&-m_{000}^{(22)}m_{001}^{(00)}m_{201}^{(10)}m_{021}^{(11)} - m_{000}^{(22)}m_{001}^{(00)}m_{201}^{(11)}m_{120}^{(21)} + m_{000}^{(22)}m_{001}^{(00)}m_{201}^{(11)}m_{021}^{(10)}\\
&+m_{000}^{(22)}m_{001}^{(00)}m_{201}^{(21)}m_{120}^{(11)} - m_{000}^{(22)}m_{001}^{(00)}m_{201}^{(21)}m_{030}^{(10)} + m_{000}^{(22)}m_{001}^{(00)}m_{120}^{(00)}m_{030}^{(22)}\\
&-m_{000}^{(22)}m_{001}^{(00)}m_{120}^{(00)}m_{021}^{(21)} + m_{000}^{(22)}m_{001}^{(00)}m_{120}^{(21)}m_{021}^{(00)} - m_{000}^{(22)}m_{001}^{(00)}m_{120}^{(22)}m_{030}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(00)}m_{111}^{(00)}m_{030}^{(21)} + m_{000}^{(22)}m_{001}^{(00)}m_{111}^{(00)}m_{021}^{(11)} - m_{000}^{(22)}m_{001}^{(00)}m_{111}^{(11)}m_{021}^{(00)}\\
&+m_{000}^{(22)}m_{001}^{(00)}m_{111}^{(21)}m_{030}^{(00)} + m_{000}^{(22)}m_{001}^{(10)}m_{300}^{(10)}m_{030}^{(22)} - m_{000}^{(22)}m_{001}^{(10)}m_{300}^{(10)}m_{021}^{(21)}\\
&-m_{000}^{(22)}m_{001}^{(10)}m_{300}^{(11)}m_{120}^{(22)} + m_{000}^{(22)}m_{001}^{(10)}m_{300}^{(11)}m_{111}^{(21)} - m_{000}^{(22)}m_{001}^{(10)}m_{300}^{(21)}m_{111}^{(11)}\\
&+m_{000}^{(22)}m_{001}^{(10)}m_{300}^{(21)}m_{021}^{(10)} + m_{000}^{(22)}m_{001}^{(10)}m_{300}^{(22)}m_{120}^{(11)} - m_{000}^{(22)}m_{001}^{(10)}m_{300}^{(22)}m_{030}^{(10)}\\
&-m_{000}^{(22)}m_{001}^{(10)}m_{210}^{(00)}m_{030}^{(22)} + m_{000}^{(22)}m_{001}^{(10)}m_{210}^{(00)}m_{021}^{(21)} + m_{000}^{(22)}m_{001}^{(10)}m_{210}^{(10)}m_{120}^{(22)}\\
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&-m_{000}^{(22)}m_{001}^{(10)}m_{210}^{(20)}m_{111}^{(11)} + m_{000}^{(22)}m_{001}^{(10)}m_{210}^{(20)}m_{021}^{(10)} + m_{000}^{(22)}m_{001}^{(10)}m_{210}^{(21)}m_{201}^{(11)}\\
&-m_{000}^{(22)}m_{001}^{(10)}m_{210}^{(21)}m_{021}^{(00)} - m_{000}^{(22)}m_{001}^{(10)}m_{210}^{(22)}m_{120}^{(10)} + m_{000}^{(22)}m_{001}^{(10)}m_{210}^{(22)}m_{030}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(10)}m_{201}^{(10)}m_{120}^{(21)} + 2m_{000}^{(22)}m_{001}^{(10)}m_{201}^{(10)}m_{111}^{(11)} - m_{000}^{(22)}m_{001}^{(10)}m_{201}^{(10)}m_{030}^{(20)}\\
&+m_{000}^{(22)}m_{001}^{(10)}m_{201}^{(11)}m_{120}^{(20)} - 2m_{000}^{(22)}m_{001}^{(10)}m_{201}^{(11)}m_{111}^{(10)} - m_{000}^{(22)}m_{001}^{(10)}m_{201}^{(20)}m_{120}^{(11)}\\
&+m_{000}^{(22)}m_{001}^{(10)}m_{201}^{(20)}m_{030}^{(10)} + m_{000}^{(22)}m_{001}^{(10)}m_{201}^{(21)}m_{120}^{(10)} - m_{000}^{(22)}m_{001}^{(10)}m_{120}^{(00)}m_{111}^{(21)}\\
&+m_{000}^{(22)}m_{001}^{(10)}m_{120}^{(00)}m_{021}^{(20)} - m_{000}^{(22)}m_{001}^{(10)}m_{120}^{(20)}m_{021}^{(00)} + m_{000}^{(22)}m_{001}^{(10)}m_{120}^{(21)}m_{111}^{(00)}\\
&+m_{000}^{(22)}m_{001}^{(10)}m_{111}^{(00)}m_{030}^{(20)} - 2m_{000}^{(22)}m_{001}^{(10)}m_{111}^{(00)}m_{021}^{(10)} + 2m_{000}^{(22)}m_{001}^{(10)}m_{111}^{(10)}m_{021}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(10)}m_{111}^{(20)}m_{030}^{(00)} - m_{000}^{(22)}m_{001}^{(11)}m_{300}^{(10)}m_{120}^{(22)} + m_{000}^{(22)}m_{001}^{(11)}m_{300}^{(10)}m_{021}^{(20)}\\
&+m_{000}^{(22)}m_{001}^{(11)}m_{300}^{(11)}m_{210}^{(22)} - m_{000}^{(22)}m_{001}^{(11)}m_{300}^{(11)}m_{111}^{(20)} + m_{000}^{(22)}m_{001}^{(11)}m_{300}^{(20)}m_{111}^{(11)}\\
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&+m_{000}^{(22)}m_{001}^{(11)}m_{210}^{(00)}m_{120}^{(22)} - m_{000}^{(22)}m_{001}^{(11)}m_{210}^{(00)}m_{021}^{(20)} + m_{000}^{(22)}m_{001}^{(11)}m_{210}^{(11)}m_{201}^{(20)}\\
&-m_{000}^{(22)}m_{001}^{(11)}m_{210}^{(20)}m_{201}^{(11)} + m_{000}^{(22)}m_{001}^{(11)}m_{210}^{(20)}m_{021}^{(00)} - m_{000}^{(22)}m_{001}^{(11)}m_{210}^{(22)}m_{120}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(11)}m_{201}^{(00)}m_{111}^{(11)} + m_{000}^{(22)}m_{001}^{(11)}m_{201}^{(00)}m_{021}^{(10)} + m_{000}^{(22)}m_{001}^{(11)}m_{201}^{(10)}m_{120}^{(20)}\\
&-m_{000}^{(22)}m_{001}^{(11)}m_{201}^{(10)}m_{021}^{(00)} + m_{000}^{(22)}m_{001}^{(11)}m_{201}^{(11)}m_{111}^{(00)} - m_{000}^{(22)}m_{001}^{(11)}m_{201}^{(20)}m_{120}^{(10)}\\
&+m_{000}^{(22)}m_{001}^{(11)}m_{120}^{(00)}m_{111}^{(20)} - m_{000}^{(22)}m_{001}^{(11)}m_{120}^{(20)}m_{111}^{(00)} - m_{000}^{(22)}m_{001}^{(20)}m_{300}^{(10)}m_{030}^{(21)}\\
&+m_{000}^{(22)}m_{001}^{(20)}m_{300}^{(10)}m_{021}^{(11)} + m_{000}^{(22)}m_{001}^{(20)}m_{300}^{(11)}m_{120}^{(21)} - m_{000}^{(22)}m_{001}^{(20)}m_{300}^{(11)}m_{021}^{(10)}\\
&-m_{000}^{(22)}m_{001}^{(20)}m_{300}^{(21)}m_{120}^{(11)} + m_{000}^{(22)}m_{001}^{(20)}m_{300}^{(21)}m_{030}^{(10)} + m_{000}^{(22)}m_{001}^{(20)}m_{210}^{(00)}m_{030}^{(21)}\\
&-m_{000}^{(22)}m_{001}^{(20)}m_{210}^{(00)}m_{021}^{(11)} - m_{000}^{(22)}m_{001}^{(20)}m_{210}^{(10)}m_{120}^{(21)} - m_{000}^{(22)}m_{001}^{(20)}m_{210}^{(10)}m_{111}^{(11)}\\
&+2m_{000}^{(22)}m_{001}^{(20)}m_{210}^{(10)}m_{030}^{(20)} - 2m_{000}^{(22)}m_{001}^{(20)}m_{210}^{(11)}m_{120}^{(20)} + m_{000}^{(22)}m_{001}^{(20)}m_{210}^{(11)}m_{111}^{(10)}
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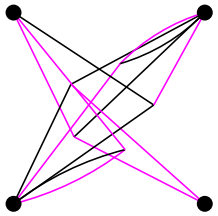
+m_{000}^{(22)}m_{001}^{(20)}m_{210}^{(11)}m_{021}^{(00)} + 2m_{000}^{(22)}m_{001}^{(20)}m_{210}^{(20)}m_{120}^{(11)} - 2m_{000}^{(22)}m_{001}^{(20)}m_{210}^{(20)}m_{030}^{(10)} \\
+m_{000}^{(22)}m_{001}^{(20)}m_{210}^{(21)}m_{120}^{(10)} - m_{000}^{(22)}m_{001}^{(20)}m_{210}^{(21)}m_{030}^{(00)} + m_{000}^{(22)}m_{001}^{(20)}m_{120}^{(00)}m_{111}^{(11)} \\
-2m_{000}^{(22)}m_{001}^{(20)}m_{120}^{(00)}m_{030}^{(20)} + m_{000}^{(22)}m_{001}^{(20)}m_{120}^{(00)}m_{021}^{(10)} - m_{000}^{(22)}m_{001}^{(20)}m_{120}^{(10)}m_{021}^{(00)} \\
-m_{000}^{(22)}m_{001}^{(20)}m_{120}^{(11)}m_{111}^{(00)} + 2m_{000}^{(22)}m_{001}^{(20)}m_{120}^{(20)}m_{030}^{(00)} + m_{000}^{(22)}m_{001}^{(20)}m_{111}^{(00)}m_{030}^{(10)} \\
-m_{000}^{(22)}m_{001}^{(20)}m_{111}^{(10)}m_{030}^{(00)} + 2m_{000}^{(22)}m_{001}^{(21)}m_{300}^{(10)}m_{120}^{(21)} - m_{000}^{(22)}m_{001}^{(21)}m_{300}^{(10)}m_{111}^{(11)} \\
-m_{000}^{(22)}m_{001}^{(21)}m_{300}^{(10)}m_{030}^{(20)} - 2m_{000}^{(22)}m_{001}^{(21)}m_{300}^{(11)}m_{210}^{(21)} + m_{000}^{(22)}m_{001}^{(21)}m_{300}^{(11)}m_{120}^{(20)} \\
+m_{000}^{(22)}m_{001}^{(21)}m_{300}^{(11)}m_{111}^{(10)} - m_{000}^{(22)}m_{001}^{(21)}m_{300}^{(20)}m_{120}^{(11)} + m_{000}^{(22)}m_{001}^{(21)}m_{300}^{(20)}m_{030}^{(10)} \\
+2m_{000}^{(22)}m_{001}^{(21)}m_{300}^{(21)}m_{210}^{(11)} - 2m_{000}^{(22)}m_{001}^{(21)}m_{300}^{(21)}m_{120}^{(10)} - 2m_{000}^{(22)}m_{001}^{(21)}m_{210}^{(00)}m_{120}^{(21)} \\
+m_{000}^{(22)}m_{001}^{(21)}m_{210}^{(00)}m_{111}^{(11)} + m_{000}^{(22)}m_{001}^{(21)}m_{210}^{(00)}m_{030}^{(20)} + m_{000}^{(22)}m_{001}^{(21)}m_{210}^{(10)}m_{201}^{(11)} \\
-m_{000}^{(22)}m_{001}^{(21)}m_{210}^{(10)}m_{120}^{(20)} - m_{000}^{(22)}m_{001}^{(21)}m_{210}^{(11)}m_{201}^{(10)} - m_{000}^{(22)}m_{001}^{(21)}m_{210}^{(11)}m_{111}^{(00)} \\
+m_{000}^{(22)}m_{001}^{(21)}m_{210}^{(20)}m_{120}^{(10)} - m_{000}^{(22)}m_{001}^{(21)}m_{210}^{(20)}m_{030}^{(00)} + 2m_{000}^{(22)}m_{001}^{(21)}m_{210}^{(21)}m_{120}^{(00)} \\
+m_{000}^{(22)}m_{001}^{(21)}m_{201}^{(00)}m_{120}^{(11)} - m_{000}^{(22)}m_{001}^{(21)}m_{201}^{(00)}m_{030}^{(10)} + m_{000}^{(22)}m_{001}^{(21)}m_{201}^{(10)}m_{030}^{(00)} \\
-m_{000}^{(22)}m_{001}^{(21)}m_{201}^{(11)}m_{120}^{(00)} - m_{000}^{(22)}m_{001}^{(21)}m_{120}^{(00)}m_{111}^{(10)} + m_{000}^{(22)}m_{001}^{(21)}m_{120}^{(10)}m_{111}^{(00)}
\end{array}
$$

Generating graph:

$$
\begin{array}{ccccc}
V1 & 1 & V1 & 1 & V2 \\
1 & 2 & V3 & 3 & 3 \\
V2 & V3 & 3 & V4 & V4
\end{array}
$$



$$
\begin{array}{rcl}
T_{108} & = & -m_{000}^{(00)}m_{010}^{(00)}m_{120}^{(11)}m_{003}^{(22)} + 2m_{000}^{(00)}m_{010}^{(00)}m_{120}^{(21)}m_{003}^{(21)} - m_{000}^{(00)}m_{010}^{(00)}m_{120}^{(22)}m_{003}^{(11)} \\
 & & +2m_{000}^{(00)}m_{010}^{(00)}m_{111}^{(11)}m_{012}^{(22)} - 4m_{000}^{(00)}m_{010}^{(00)}m_{111}^{(21)}m_{012}^{(21)} + 2m_{000}^{(00)}m_{010}^{(00)}m_{111}^{(22)}m_{012}^{(11)} \\
 & & -m_{000}^{(00)}m_{010}^{(00)}m_{102}^{(11)}m_{021}^{(22)} + 2m_{000}^{(00)}m_{010}^{(00)}m_{102}^{(21)}m_{021}^{(21)} - m_{000}^{(00)}m_{010}^{(00)}m_{102}^{(22)}m_{021}^{(11)} \\
 & & +m_{000}^{(00)}m_{010}^{(00)}m_{030}^{(10)}m_{003}^{(22)} - m_{000}^{(00)}m_{010}^{(00)}m_{030}^{(20)}m_{003}^{(21)} - m_{000}^{(00)}m_{010}^{(00)}m_{030}^{(21)}m_{003}^{(20)} \\
 & & +m_{000}^{(00)}m_{010}^{(00)}m_{030}^{(22)}m_{003}^{(10)} - m_{000}^{(00)}m_{010}^{(00)}m_{021}^{(10)}m_{012}^{(22)} - 2m_{000}^{(00)}m_{010}^{(00)}m_{021}^{(10)}m_{003}^{(21)} \\
 & & +2m_{000}^{(00)}m_{010}^{(00)}m_{021}^{(11)}m_{003}^{(20)} + m_{000}^{(00)}m_{010}^{(00)}m_{021}^{(20)}m_{012}^{(21)} + 2m_{000}^{(00)}m_{010}^{(00)}m_{021}^{(20)}m_{003}^{(11)} \\
 & & +m_{000}^{(00)}m_{010}^{(00)}m_{021}^{(21)}m_{012}^{(20)} - 2m_{000}^{(00)}m_{010}^{(00)}m_{021}^{(21)}m_{003}^{(10)} - m_{000}^{(00)}m_{010}^{(00)}m_{021}^{(22)}m_{012}^{(10)} \\
 & & +4m_{000}^{(00)}m_{010}^{(00)}m_{012}^{(10)}m_{012}^{(21)} - 4m_{000}^{(00)}m_{010}^{(00)}m_{012}^{(11)}m_{012}^{(20)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{210}^{(11)}m_{003}^{(22)} \\
 & & -4m_{000}^{(00)}m_{010}^{(10)}m_{210}^{(21)}m_{003}^{(21)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{210}^{(22)}m_{003}^{(11)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{201}^{(11)}m_{012}^{(22)} \\
 & & +4m_{000}^{(00)}m_{010}^{(10)}m_{201}^{(21)}m_{012}^{(21)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{201}^{(22)}m_{012}^{(11)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{120}^{(10)}m_{003}^{(22)}
\end{array}
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\begin{aligned}
&+2m_{000}^{(00)}m_{010}^{(10)}m_{120}^{(20)}m_{003}^{(21)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{120}^{(21)}m_{003}^{(20)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{120}^{(22)}m_{003}^{(10)}\\
&+4m_{000}^{(00)}m_{010}^{(10)}m_{111}^{(10)}m_{003}^{(21)} - 4m_{000}^{(00)}m_{010}^{(10)}m_{111}^{(11)}m_{003}^{(20)} - 4m_{000}^{(00)}m_{010}^{(10)}m_{111}^{(20)}m_{003}^{(11)}\\
&+4m_{000}^{(00)}m_{010}^{(10)}m_{111}^{(21)}m_{003}^{(10)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{102}^{(10)}m_{021}^{(22)} - 4m_{000}^{(00)}m_{010}^{(10)}m_{102}^{(10)}m_{012}^{(21)}\\
&+4m_{000}^{(00)}m_{010}^{(10)}m_{102}^{(11)}m_{012}^{(20)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{102}^{(20)}m_{021}^{(21)} + 4m_{000}^{(00)}m_{010}^{(10)}m_{102}^{(20)}m_{012}^{(11)}\\
&-2m_{000}^{(00)}m_{010}^{(10)}m_{102}^{(21)}m_{021}^{(20)} - 4m_{000}^{(00)}m_{010}^{(10)}m_{102}^{(21)}m_{012}^{(10)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{102}^{(22)}m_{021}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{300}^{(11)}m_{003}^{(22)} + 2m_{000}^{(00)}m_{010}^{(11)}m_{300}^{(21)}m_{003}^{(21)} - m_{000}^{(00)}m_{010}^{(11)}m_{300}^{(22)}m_{003}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{210}^{(10)}m_{003}^{(22)} - m_{000}^{(00)}m_{010}^{(11)}m_{210}^{(20)}m_{003}^{(21)} - m_{000}^{(00)}m_{010}^{(11)}m_{210}^{(21)}m_{003}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{210}^{(22)}m_{003}^{(10)} + m_{000}^{(00)}m_{010}^{(11)}m_{201}^{(10)}m_{012}^{(22)} - 2m_{000}^{(00)}m_{010}^{(11)}m_{201}^{(10)}m_{003}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{201}^{(11)}m_{102}^{(22)} + 2m_{000}^{(00)}m_{010}^{(11)}m_{201}^{(11)}m_{003}^{(20)} - m_{000}^{(00)}m_{010}^{(11)}m_{201}^{(20)}m_{012}^{(21)}\\
&+2m_{000}^{(00)}m_{010}^{(11)}m_{201}^{(20)}m_{003}^{(11)} - 2m_{000}^{(00)}m_{010}^{(11)}m_{201}^{(21)}m_{102}^{(21)} - m_{000}^{(00)}m_{010}^{(11)}m_{201}^{(21)}m_{012}^{(20)}\\
&-2m_{000}^{(00)}m_{010}^{(11)}m_{201}^{(21)}m_{003}^{(10)} + m_{000}^{(00)}m_{010}^{(11)}m_{201}^{(22)}m_{102}^{(11)} + m_{000}^{(00)}m_{010}^{(11)}m_{201}^{(22)}m_{012}^{(10)}\\
&-2m_{000}^{(00)}m_{010}^{(11)}m_{111}^{(10)}m_{102}^{(22)} + 2m_{000}^{(00)}m_{010}^{(11)}m_{111}^{(20)}m_{102}^{(21)} + 2m_{000}^{(00)}m_{010}^{(11)}m_{111}^{(21)}m_{102}^{(20)}\\
&-2m_{000}^{(00)}m_{010}^{(11)}m_{111}^{(22)}m_{102}^{(10)} + 4m_{000}^{(00)}m_{010}^{(11)}m_{102}^{(10)}m_{102}^{(21)} - 4m_{000}^{(00)}m_{010}^{(11)}m_{102}^{(11)}m_{102}^{(20)}\\
&-2m_{000}^{(00)}m_{010}^{(20)}m_{210}^{(11)}m_{012}^{(22)} + 4m_{000}^{(00)}m_{010}^{(20)}m_{210}^{(21)}m_{012}^{(21)} - 2m_{000}^{(00)}m_{010}^{(20)}m_{210}^{(22)}m_{012}^{(11)}\\
&+2m_{000}^{(00)}m_{010}^{(20)}m_{201}^{(11)}m_{021}^{(22)} - 4m_{000}^{(00)}m_{010}^{(20)}m_{201}^{(21)}m_{021}^{(21)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{201}^{(22)}m_{021}^{(11)}\\
&+2m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(10)}m_{012}^{(22)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(11)}m_{102}^{(22)} - 2m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(20)}m_{012}^{(21)}\\
&-4m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(21)}m_{102}^{(21)} - 2m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(21)}m_{012}^{(20)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(22)}m_{102}^{(11)}\\
&+2m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(22)}m_{012}^{(10)} - 4m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(10)}m_{012}^{(21)} - 4m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(11)}m_{012}^{(22)}\\
&+4m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(11)}m_{012}^{(20)} + 4m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(20)}m_{012}^{(11)} + 4m_{000}^{(00)}m_{010}^{(20)}(m_{111}^{(21)})^2\\
&-4m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(21)}m_{012}^{(10)} - 2m_{000}^{(00)}m_{010}^{(20)}m_{102}^{(10)}m_{030}^{(22)} + 4m_{000}^{(00)}m_{010}^{(20)}m_{102}^{(10)}m_{021}^{(21)}\\
&-4m_{000}^{(00)}m_{010}^{(20)}m_{102}^{(11)}m_{021}^{(20)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{102}^{(20)}m_{030}^{(21)} - 4m_{000}^{(00)}m_{010}^{(20)}m_{102}^{(20)}m_{021}^{(11)}\\
&+2m_{000}^{(00)}m_{010}^{(20)}m_{102}^{(21)}m_{030}^{(20)} + 4m_{000}^{(00)}m_{010}^{(20)}m_{102}^{(21)}m_{021}^{(10)} - 2m_{000}^{(00)}m_{010}^{(20)}m_{102}^{(22)}m_{030}^{(10)}\\
&+2m_{000}^{(00)}m_{010}^{(21)}m_{300}^{(11)}m_{012}^{(22)} - 4m_{000}^{(00)}m_{010}^{(21)}m_{300}^{(21)}m_{012}^{(21)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{300}^{(22)}m_{012}^{(11)}\\
&-2m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(10)}m_{012}^{(22)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(11)}m_{102}^{(22)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(20)}m_{012}^{(21)}\\
&+4m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(21)}m_{102}^{(21)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(21)}m_{012}^{(20)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(22)}m_{102}^{(11)}\\
&-2m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(22)}m_{012}^{(10)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(10)}m_{021}^{(22)} + 4m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(10)}m_{012}^{(21)}\\
&-4m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(11)}m_{012}^{(20)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(20)}m_{021}^{(21)} - 4m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(20)}m_{012}^{(11)}\\
&+2m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(21)}m_{021}^{(20)} + 4m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(21)}m_{012}^{(10)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(22)}m_{021}^{(10)}\\
&+2m_{000}^{(00)}m_{010}^{(21)}m_{120}^{(10)}m_{102}^{(22)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{120}^{(20)}m_{102}^{(21)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{120}^{(21)}m_{102}^{(20)}\\
&+2m_{000}^{(00)}m_{010}^{(21)}m_{120}^{(22)}m_{102}^{(10)} + 4m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(10)}m_{111}^{(22)} - 4m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(10)}m_{102}^{(21)}\\
&+4m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(11)}m_{102}^{(20)} - 4m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(20)}m_{111}^{(21)} + 4m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(20)}m_{102}^{(11)}\\
&-4m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(21)}m_{102}^{(10)} - m_{000}^{(00)}m_{010}^{(22)}m_{300}^{(11)}m_{021}^{(22)} + 2m_{000}^{(00)}m_{010}^{(22)}m_{300}^{(21)}m_{021}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{300}^{(22)}m_{021}^{(11)} + m_{000}^{(00)}m_{010}^{(22)}m_{210}^{(10)}m_{021}^{(22)} + 2m_{000}^{(00)}m_{010}^{(22)}m_{210}^{(11)}m_{111}^{(22)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{210}^{(20)}m_{021}^{(21)} - 4m_{000}^{(00)}m_{010}^{(22)}m_{210}^{(21)}m_{111}^{(21)} - m_{000}^{(00)}m_{010}^{(22)}m_{210}^{(21)}m_{021}^{(20)}\\
&+2m_{000}^{(00)}m_{010}^{(22)}m_{210}^{(22)}m_{111}^{(11)} + m_{000}^{(00)}m_{010}^{(22)}m_{210}^{(22)}m_{021}^{(10)} + m_{000}^{(00)}m_{010}^{(22)}m_{201}^{(10)}m_{030}^{(22)}\\
&-2m_{000}^{(00)}m_{010}^{(22)}m_{201}^{(10)}m_{021}^{(21)} - m_{000}^{(00)}m_{010}^{(22)}m_{201}^{(11)}m_{120}^{(22)} + 2m_{000}^{(00)}m_{010}^{(22)}m_{201}^{(11)}m_{021}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{201}^{(20)}m_{030}^{(21)} + 2m_{000}^{(00)}m_{010}^{(22)}m_{201}^{(20)}m_{021}^{(11)} + 2m_{000}^{(00)}m_{010}^{(22)}m_{201}^{(21)}m_{120}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{201}^{(21)}m_{030}^{(20)} - 2m_{000}^{(00)}m_{010}^{(22)}m_{201}^{(21)}m_{021}^{(10)} - m_{000}^{(00)}m_{010}^{(22)}m_{201}^{(22)}m_{120}^{(11)}
\end{aligned}
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\begin{aligned}
&+m_{000}^{(00)}m_{010}^{(22)}m_{201}^{(22)}m_{030}^{(10)} - 2m_{000}^{(00)}m_{010}^{(22)}m_{120}^{(10)}m_{111}^{(22)} + 2m_{000}^{(00)}m_{010}^{(22)}m_{120}^{(20)}m_{111}^{(21)}\\
&+2m_{000}^{(00)}m_{010}^{(22)}m_{120}^{(21)}m_{111}^{(20)} - 2m_{000}^{(00)}m_{010}^{(22)}m_{120}^{(22)}m_{111}^{(10)} + 4m_{000}^{(00)}m_{010}^{(22)}m_{111}^{(10)}m_{111}^{(21)}\\
&-4m_{000}^{(00)}m_{010}^{(22)}m_{111}^{(11)}m_{111}^{(20)} + m_{000}^{(00)}m_{001}^{(00)}m_{120}^{(11)}m_{012}^{(22)} - 2m_{000}^{(00)}m_{001}^{(00)}m_{120}^{(21)}m_{012}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(00)}m_{120}^{(22)}m_{012}^{(11)} - 2m_{000}^{(00)}m_{001}^{(00)}m_{111}^{(11)}m_{021}^{(22)} + 4m_{000}^{(00)}m_{001}^{(00)}m_{111}^{(21)}m_{021}^{(21)}\\
&-2m_{000}^{(00)}m_{001}^{(00)}m_{111}^{(22)}m_{021}^{(11)} + m_{000}^{(00)}m_{001}^{(00)}m_{102}^{(11)}m_{030}^{(22)} - 2m_{000}^{(00)}m_{001}^{(00)}m_{102}^{(21)}m_{030}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(00)}m_{102}^{(22)}m_{030}^{(11)} - 2m_{000}^{(00)}m_{001}^{(00)}m_{030}^{(10)}m_{012}^{(22)} + m_{000}^{(00)}m_{001}^{(00)}m_{030}^{(10)}m_{003}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(00)}m_{030}^{(11)}m_{003}^{(20)} + 2m_{000}^{(00)}m_{001}^{(00)}m_{030}^{(20)}m_{012}^{(21)} - m_{000}^{(00)}m_{001}^{(00)}m_{030}^{(20)}m_{003}^{(11)}\\
&+2m_{000}^{(00)}m_{001}^{(00)}m_{030}^{(21)}m_{012}^{(20)} + m_{000}^{(00)}m_{001}^{(00)}m_{030}^{(21)}m_{003}^{(10)} - 2m_{000}^{(00)}m_{001}^{(00)}m_{030}^{(22)}m_{012}^{(10)}\\
&+4m_{000}^{(00)}m_{001}^{(00)}m_{021}^{(10)}m_{021}^{(22)} - m_{000}^{(00)}m_{001}^{(00)}m_{021}^{(10)}m_{012}^{(21)} + m_{000}^{(00)}m_{001}^{(00)}m_{021}^{(11)}m_{012}^{(20)}\\
&-4m_{000}^{(00)}m_{001}^{(00)}m_{021}^{(20)}m_{021}^{(21)} + m_{000}^{(00)}m_{001}^{(00)}m_{021}^{(20)}m_{012}^{(11)} - m_{000}^{(00)}m_{001}^{(00)}m_{021}^{(21)}m_{012}^{(10)}\\
&-2m_{000}^{(00)}m_{001}^{(10)}m_{210}^{(11)}m_{012}^{(22)} + 4m_{000}^{(00)}m_{001}^{(10)}m_{210}^{(21)}m_{012}^{(21)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{210}^{(22)}m_{012}^{(11)}\\
&+2m_{000}^{(00)}m_{001}^{(10)}m_{201}^{(11)}m_{021}^{(22)} - 4m_{000}^{(00)}m_{001}^{(10)}m_{201}^{(21)}m_{021}^{(21)} + 2m_{000}^{(00)}m_{001}^{(10)}m_{201}^{(22)}m_{021}^{(11)}\\
&+4m_{000}^{(00)}m_{001}^{(10)}m_{120}^{(10)}m_{012}^{(22)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{120}^{(10)}m_{003}^{(21)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{120}^{(11)}m_{102}^{(22)}\\
&+2m_{000}^{(00)}m_{001}^{(10)}m_{120}^{(11)}m_{003}^{(20)} - 4m_{000}^{(00)}m_{001}^{(10)}m_{120}^{(20)}m_{012}^{(21)} + 2m_{000}^{(00)}m_{001}^{(10)}m_{120}^{(20)}m_{003}^{(11)}\\
&+4m_{000}^{(00)}m_{001}^{(10)}m_{120}^{(21)}m_{102}^{(21)} - 4m_{000}^{(00)}m_{001}^{(10)}m_{120}^{(21)}m_{012}^{(20)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{120}^{(21)}m_{003}^{(10)}\\
&-2m_{000}^{(00)}m_{001}^{(10)}m_{120}^{(22)}m_{102}^{(11)} + 4m_{000}^{(00)}m_{001}^{(10)}m_{120}^{(22)}m_{012}^{(10)} - 4m_{000}^{(00)}m_{001}^{(10)}m_{111}^{(10)}m_{021}^{(22)}\\
&+4m_{000}^{(00)}m_{001}^{(10)}m_{111}^{(11)}m_{111}^{(22)} + 4m_{000}^{(00)}m_{001}^{(10)}m_{111}^{(20)}m_{021}^{(21)} - 4m_{000}^{(00)}m_{001}^{(10)}(m_{111}^{(21)})^2\\
&+4m_{000}^{(00)}m_{001}^{(10)}m_{111}^{(21)}m_{021}^{(20)} - 4m_{000}^{(00)}m_{001}^{(10)}m_{111}^{(22)}m_{021}^{(10)} + 2m_{000}^{(00)}m_{001}^{(10)}m_{102}^{(10)}m_{021}^{(21)}\\
&-2m_{000}^{(00)}m_{001}^{(10)}m_{102}^{(11)}m_{021}^{(20)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{102}^{(20)}m_{021}^{(11)} + 2m_{000}^{(00)}m_{001}^{(10)}m_{102}^{(21)}m_{021}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{300}^{(11)}m_{012}^{(22)} - 2m_{000}^{(00)}m_{001}^{(11)}m_{300}^{(21)}m_{012}^{(21)} + m_{000}^{(00)}m_{001}^{(11)}m_{300}^{(22)}m_{012}^{(11)}\\
&-2m_{000}^{(00)}m_{001}^{(11)}m_{210}^{(10)}m_{012}^{(22)} + m_{000}^{(00)}m_{001}^{(11)}m_{210}^{(10)}m_{003}^{(21)} + m_{000}^{(00)}m_{001}^{(11)}m_{210}^{(11)}m_{102}^{(22)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{210}^{(11)}m_{003}^{(20)} + 2m_{000}^{(00)}m_{001}^{(11)}m_{210}^{(20)}m_{012}^{(21)} - m_{000}^{(00)}m_{001}^{(11)}m_{210}^{(20)}m_{003}^{(11)}\\
&-2m_{000}^{(00)}m_{001}^{(11)}m_{210}^{(21)}m_{102}^{(21)} + 2m_{000}^{(00)}m_{001}^{(11)}m_{210}^{(21)}m_{012}^{(20)} + m_{000}^{(00)}m_{001}^{(11)}m_{210}^{(21)}m_{003}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{210}^{(22)}m_{102}^{(11)} - 2m_{000}^{(00)}m_{001}^{(11)}m_{210}^{(22)}m_{012}^{(10)} + m_{000}^{(00)}m_{001}^{(11)}m_{201}^{(10)}m_{012}^{(21)}\\
&-2m_{000}^{(00)}m_{001}^{(11)}m_{201}^{(11)}m_{111}^{(22)} - m_{000}^{(00)}m_{001}^{(11)}m_{201}^{(11)}m_{012}^{(20)} - m_{000}^{(00)}m_{001}^{(11)}m_{201}^{(20)}m_{012}^{(11)}\\
&+4m_{000}^{(00)}m_{001}^{(11)}m_{201}^{(21)}m_{111}^{(21)} + m_{000}^{(00)}m_{001}^{(11)}m_{201}^{(21)}m_{012}^{(10)} - 2m_{000}^{(00)}m_{001}^{(11)}m_{201}^{(22)}m_{111}^{(11)}\\
&+4m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(10)}m_{111}^{(22)} - 2m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(10)}m_{102}^{(21)} + 2m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(11)}m_{102}^{(20)}\\
&-4m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(20)}m_{111}^{(21)} + 2m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(20)}m_{102}^{(11)} - 2m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(21)}m_{102}^{(10)}\\
&+2m_{000}^{(00)}m_{001}^{(20)}m_{210}^{(11)}m_{021}^{(22)} - 4m_{000}^{(00)}m_{001}^{(20)}m_{210}^{(21)}m_{021}^{(21)} + 2m_{000}^{(00)}m_{001}^{(20)}m_{210}^{(22)}m_{021}^{(11)}\\
&-2m_{000}^{(00)}m_{001}^{(20)}m_{201}^{(11)}m_{030}^{(22)} + 4m_{000}^{(00)}m_{001}^{(20)}m_{201}^{(21)}m_{030}^{(21)} - 2m_{000}^{(00)}m_{001}^{(20)}m_{201}^{(22)}m_{030}^{(11)}\\
&-4m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(10)}m_{021}^{(22)} + 2m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(10)}m_{012}^{(21)} - 2m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(11)}m_{012}^{(20)}\\
&+4m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(20)}m_{021}^{(21)} - 2m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(20)}m_{012}^{(11)} + 4m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(21)}m_{021}^{(20)}\\
&+2m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(21)}m_{012}^{(10)} - 4m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(22)}m_{021}^{(10)} + 4m_{000}^{(00)}m_{001}^{(20)}m_{111}^{(10)}m_{030}^{(22)}\\
&-4m_{000}^{(00)}m_{001}^{(20)}m_{111}^{(20)}m_{030}^{(21)} - 4m_{000}^{(00)}m_{001}^{(20)}m_{111}^{(21)}m_{030}^{(20)} + 4m_{000}^{(00)}m_{001}^{(20)}m_{111}^{(22)}m_{030}^{(10)}\\
&-2m_{000}^{(00)}m_{001}^{(20)}m_{102}^{(10)}m_{030}^{(21)} + 2m_{000}^{(00)}m_{001}^{(20)}m_{102}^{(11)}m_{030}^{(20)} + 2m_{000}^{(00)}m_{001}^{(20)}m_{102}^{(20)}m_{030}^{(11)}\\
&-2m_{000}^{(00)}m_{001}^{(20)}m_{102}^{(21)}m_{030}^{(10)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{300}^{(11)}m_{021}^{(22)} + 4m_{000}^{(00)}m_{001}^{(21)}m_{300}^{(21)}m_{021}^{(21)}\\
&-2m_{000}^{(00)}m_{001}^{(21)}m_{300}^{(22)}m_{021}^{(11)} + 4m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(10)}m_{021}^{(22)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(10)}m_{012}^{(21)}\\
&+2m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(11)}m_{012}^{(20)} - 4m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(20)}m_{021}^{(21)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(20)}m_{012}^{(11)}
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\begin{aligned}
&-4m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(21)}m_{021}^{(20)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(21)}m_{012}^{(10)} + 4m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(22)}m_{021}^{(10)}\\
&-2m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(10)}m_{021}^{(21)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(11)}m_{120}^{(22)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(11)}m_{021}^{(20)}\\
&+2m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(20)}m_{021}^{(11)} - 4m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(21)}m_{120}^{(21)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(21)}m_{021}^{(10)}\\
&+2m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(22)}m_{120}^{(11)} - 4m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(10)}m_{111}^{(22)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(10)}m_{102}^{(21)}\\
&-2m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(11)}m_{102}^{(20)} + 4m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(20)}m_{111}^{(21)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(20)}m_{102}^{(11)}\\
&+4m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(21)}m_{111}^{(20)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(21)}m_{102}^{(10)} - 4m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(22)}m_{111}^{(10)}\\
&+4m_{000}^{(00)}m_{001}^{(21)}m_{111}^{(10)}m_{111}^{(21)} - 4m_{000}^{(00)}m_{001}^{(21)}m_{111}^{(11)}m_{111}^{(20)} + m_{000}^{(00)}m_{001}^{(22)}m_{300}^{(11)}m_{030}^{(22)}\\
&-2m_{000}^{(00)}m_{001}^{(22)}m_{300}^{(21)}m_{030}^{(21)} + m_{000}^{(00)}m_{001}^{(22)}m_{300}^{(22)}m_{030}^{(11)} - 2m_{000}^{(00)}m_{001}^{(22)}m_{210}^{(10)}m_{030}^{(22)}\\
&+m_{000}^{(00)}m_{001}^{(22)}m_{210}^{(10)}m_{021}^{(21)} - m_{000}^{(00)}m_{001}^{(22)}m_{210}^{(11)}m_{120}^{(22)} - m_{000}^{(00)}m_{001}^{(22)}m_{210}^{(11)}m_{021}^{(20)}\\
&+2m_{000}^{(00)}m_{001}^{(22)}m_{210}^{(20)}m_{030}^{(21)} - m_{000}^{(00)}m_{001}^{(22)}m_{210}^{(20)}m_{021}^{(11)} + 2m_{000}^{(00)}m_{001}^{(22)}m_{210}^{(21)}m_{120}^{(21)}\\
&+2m_{000}^{(00)}m_{001}^{(22)}m_{210}^{(21)}m_{030}^{(20)} + m_{000}^{(00)}m_{001}^{(22)}m_{210}^{(21)}m_{021}^{(10)} - m_{000}^{(00)}m_{001}^{(22)}m_{210}^{(22)}m_{120}^{(11)}\\
&-2m_{000}^{(00)}m_{001}^{(22)}m_{210}^{(22)}m_{030}^{(10)} + m_{000}^{(00)}m_{001}^{(22)}m_{201}^{(10)}m_{030}^{(21)} - m_{000}^{(00)}m_{001}^{(22)}m_{201}^{(11)}m_{030}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(22)}m_{201}^{(20)}m_{030}^{(11)} + m_{000}^{(00)}m_{001}^{(22)}m_{201}^{(21)}m_{030}^{(10)} + 4m_{000}^{(00)}m_{001}^{(22)}m_{120}^{(10)}m_{120}^{(22)}\\
&-2m_{000}^{(00)}m_{001}^{(22)}m_{120}^{(10)}m_{111}^{(21)} + 2m_{000}^{(00)}m_{001}^{(22)}m_{120}^{(11)}m_{111}^{(20)} - 4m_{000}^{(00)}m_{001}^{(22)}m_{120}^{(20)}m_{120}^{(21)}\\
&+2m_{000}^{(00)}m_{001}^{(22)}m_{120}^{(20)}m_{111}^{(11)} - 2m_{000}^{(00)}m_{001}^{(22)}m_{120}^{(21)}m_{111}^{(10)} + m_{000}^{(10)}m_{100}^{(00)}m_{120}^{(11)}m_{003}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(00)}m_{120}^{(21)}m_{003}^{(21)} + m_{000}^{(10)}m_{100}^{(00)}m_{120}^{(22)}m_{003}^{(11)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{111}^{(11)}m_{012}^{(22)}\\
&+4m_{000}^{(10)}m_{100}^{(00)}m_{111}^{(21)}m_{012}^{(21)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{111}^{(22)}m_{012}^{(11)} + m_{000}^{(10)}m_{100}^{(00)}m_{102}^{(11)}m_{021}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(00)}m_{102}^{(21)}m_{021}^{(21)} + m_{000}^{(10)}m_{100}^{(00)}m_{102}^{(22)}m_{021}^{(11)} - m_{000}^{(10)}m_{100}^{(00)}m_{030}^{(10)}m_{003}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(00)}m_{030}^{(20)}m_{003}^{(21)} + m_{000}^{(10)}m_{100}^{(00)}m_{030}^{(21)}m_{003}^{(20)} - m_{000}^{(10)}m_{100}^{(00)}m_{030}^{(22)}m_{003}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(10)}m_{012}^{(22)} + 2m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(10)}m_{003}^{(21)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(11)}m_{003}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(20)}m_{012}^{(21)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(20)}m_{003}^{(11)} - m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(21)}m_{012}^{(20)}\\
&+2m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(21)}m_{003}^{(10)} + m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(22)}m_{012}^{(10)} - 4m_{000}^{(10)}m_{100}^{(00)}m_{012}^{(10)}m_{012}^{(21)}\\
&+4m_{000}^{(10)}m_{100}^{(00)}m_{012}^{(11)}m_{012}^{(20)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{210}^{(11)}m_{003}^{(22)} + 4m_{000}^{(10)}m_{100}^{(10)}m_{210}^{(21)}m_{003}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{210}^{(22)}m_{003}^{(11)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{201}^{(11)}m_{012}^{(22)} - 4m_{000}^{(10)}m_{100}^{(10)}m_{201}^{(21)}m_{012}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{201}^{(22)}m_{012}^{(11)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{120}^{(10)}m_{003}^{(22)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{120}^{(20)}m_{003}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{120}^{(21)}m_{003}^{(20)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{120}^{(22)}m_{003}^{(10)} - 4m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(10)}m_{003}^{(21)}\\
&+4m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(11)}m_{003}^{(20)} + 4m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(20)}m_{003}^{(11)} - 4m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(21)}m_{003}^{(10)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(10)}m_{021}^{(22)} + 4m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(10)}m_{012}^{(21)} - 4m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(11)}m_{012}^{(20)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(20)}m_{021}^{(21)} - 4m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(20)}m_{012}^{(11)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(21)}m_{021}^{(20)}\\
&+4m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(21)}m_{012}^{(10)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(22)}m_{021}^{(10)} + m_{000}^{(10)}m_{100}^{(11)}m_{300}^{(11)}m_{003}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(11)}m_{300}^{(21)}m_{003}^{(21)} + m_{000}^{(10)}m_{100}^{(11)}m_{300}^{(22)}m_{003}^{(11)} - m_{000}^{(10)}m_{100}^{(11)}m_{210}^{(10)}m_{003}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{210}^{(20)}m_{003}^{(21)} + m_{000}^{(10)}m_{100}^{(11)}m_{210}^{(21)}m_{003}^{(20)} - m_{000}^{(10)}m_{100}^{(11)}m_{210}^{(22)}m_{003}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{201}^{(10)}m_{012}^{(22)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{201}^{(10)}m_{003}^{(21)} - m_{000}^{(10)}m_{100}^{(11)}m_{201}^{(11)}m_{102}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(11)}m_{201}^{(11)}m_{003}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{201}^{(20)}m_{012}^{(21)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{201}^{(20)}m_{003}^{(11)}\\
&+2m_{000}^{(10)}m_{100}^{(11)}m_{201}^{(21)}m_{102}^{(21)} + m_{000}^{(10)}m_{100}^{(11)}m_{201}^{(21)}m_{012}^{(20)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{201}^{(21)}m_{003}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{201}^{(22)}m_{102}^{(11)} - m_{000}^{(10)}m_{100}^{(11)}m_{201}^{(22)}m_{012}^{(10)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{111}^{(10)}m_{102}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(11)}m_{111}^{(20)}m_{102}^{(21)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{111}^{(21)}m_{102}^{(20)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{111}^{(22)}m_{102}^{(10)}\\
&-4m_{000}^{(10)}m_{100}^{(11)}m_{102}^{(10)}m_{102}^{(21)} + 4m_{000}^{(10)}m_{100}^{(11)}m_{102}^{(11)}m_{102}^{(20)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{210}^{(11)}m_{012}^{(22)}
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&-4m_{000}^{(10)}m_{100}^{(20)}m_{210}^{(21)}m_{012}^{(21)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{210}^{(22)}m_{012}^{(11)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{201}^{(11)}m_{021}^{(22)} \\
&+4m_{000}^{(10)}m_{100}^{(20)}m_{201}^{(21)}m_{021}^{(21)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{201}^{(22)}m_{021}^{(11)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(10)}m_{012}^{(22)} \\
&-2m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(11)}m_{102}^{(22)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(20)}m_{012}^{(21)} + 4m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(21)}m_{102}^{(21)} \\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(21)}m_{012}^{(20)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(22)}m_{102}^{(11)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(22)}m_{012}^{(10)} \\
&+4m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(10)}m_{012}^{(21)} + 4m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(11)}m_{111}^{(22)} - 4m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(11)}m_{012}^{(20)} \\
&-4m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(20)}m_{012}^{(11)} - 4m_{000}^{(10)}m_{100}^{(20)}(m_{111}^{(21)})^2 + 4m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(21)}m_{012}^{(10)} \\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{102}^{(10)}m_{030}^{(22)} - 4m_{000}^{(10)}m_{100}^{(20)}m_{102}^{(10)}m_{021}^{(21)} + 4m_{000}^{(10)}m_{100}^{(20)}m_{102}^{(11)}m_{021}^{(20)} \\
&-2m_{000}^{(10)}m_{100}^{(20)}m_{102}^{(20)}m_{030}^{(21)} + 4m_{000}^{(10)}m_{100}^{(20)}m_{102}^{(20)}m_{021}^{(11)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{102}^{(21)}m_{030}^{(20)} \\
&-4m_{000}^{(10)}m_{100}^{(20)}m_{102}^{(21)}m_{021}^{(10)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{102}^{(22)}m_{030}^{(10)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{300}^{(11)}m_{012}^{(22)} \\
&+4m_{000}^{(10)}m_{100}^{(21)}m_{300}^{(21)}m_{012}^{(21)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{300}^{(22)}m_{012}^{(11)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(10)}m_{012}^{(22)} \\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(11)}m_{102}^{(22)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(20)}m_{012}^{(21)} - 4m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(21)}m_{102}^{(21)} \\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(21)}m_{012}^{(20)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(22)}m_{102}^{(11)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(22)}m_{012}^{(10)} \\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(10)}m_{021}^{(22)} - 4m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(10)}m_{012}^{(21)} + 4m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(11)}m_{012}^{(20)} \\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(20)}m_{021}^{(21)} + 4m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(20)}m_{012}^{(11)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(21)}m_{021}^{(20)} \\
&-4m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(21)}m_{012}^{(10)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(22)}m_{021}^{(10)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{120}^{(10)}m_{102}^{(22)} \\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{120}^{(20)}m_{102}^{(21)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{120}^{(21)}m_{102}^{(20)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{120}^{(22)}m_{102}^{(10)} \\
&-4m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(10)}m_{111}^{(22)} + 4m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(10)}m_{102}^{(21)} - 4m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(11)}m_{102}^{(20)} \\
&+4m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(20)}m_{111}^{(21)} - 4m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(20)}m_{102}^{(11)} + 4m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(21)}m_{102}^{(10)} \\
&+m_{000}^{(10)}m_{100}^{(22)}m_{300}^{(11)}m_{021}^{(22)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{300}^{(21)}m_{021}^{(21)} + m_{000}^{(10)}m_{100}^{(22)}m_{300}^{(22)}m_{021}^{(11)} \\
&-m_{000}^{(10)}m_{100}^{(22)}m_{210}^{(10)}m_{021}^{(22)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{210}^{(11)}m_{111}^{(22)} + m_{000}^{(10)}m_{100}^{(22)}m_{210}^{(20)}m_{021}^{(21)} \\
&+4m_{000}^{(10)}m_{100}^{(22)}m_{210}^{(21)}m_{111}^{(21)} + m_{000}^{(10)}m_{100}^{(22)}m_{210}^{(21)}m_{021}^{(20)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{210}^{(22)}m_{111}^{(11)} \\
&-m_{000}^{(10)}m_{100}^{(22)}m_{210}^{(22)}m_{021}^{(10)} - m_{000}^{(10)}m_{100}^{(22)}m_{201}^{(10)}m_{030}^{(22)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{201}^{(10)}m_{021}^{(21)} \\
&+m_{000}^{(10)}m_{100}^{(22)}m_{201}^{(11)}m_{120}^{(22)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{201}^{(11)}m_{021}^{(20)} + m_{000}^{(10)}m_{100}^{(22)}m_{201}^{(20)}m_{030}^{(21)} \\
&-2m_{000}^{(10)}m_{100}^{(22)}m_{201}^{(20)}m_{021}^{(11)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{201}^{(21)}m_{120}^{(21)} + m_{000}^{(10)}m_{100}^{(22)}m_{201}^{(21)}m_{030}^{(20)} \\
&+2m_{000}^{(10)}m_{100}^{(22)}m_{201}^{(21)}m_{021}^{(10)} + m_{000}^{(10)}m_{100}^{(22)}m_{201}^{(22)}m_{120}^{(11)} - m_{000}^{(10)}m_{100}^{(22)}m_{201}^{(22)}m_{030}^{(10)} \\
&+2m_{000}^{(10)}m_{100}^{(22)}m_{120}^{(10)}m_{111}^{(22)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{120}^{(20)}m_{111}^{(21)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{120}^{(21)}m_{111}^{(20)} \\
&+2m_{000}^{(10)}m_{100}^{(22)}m_{120}^{(22)}m_{111}^{(10)} - 4m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(10)}m_{111}^{(21)} + 4m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(11)}m_{111}^{(20)} \\
&+m_{000}^{(10)}m_{010}^{(00)}m_{120}^{(10)}m_{003}^{(22)} - m_{000}^{(10)}m_{010}^{(00)}m_{120}^{(20)}m_{003}^{(21)} - m_{000}^{(10)}m_{010}^{(00)}m_{120}^{(21)}m_{003}^{(20)} \\
&+m_{000}^{(10)}m_{010}^{(00)}m_{120}^{(22)}m_{003}^{(10)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{111}^{(10)}m_{012}^{(22)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{111}^{(20)}m_{012}^{(21)} \\
&+2m_{000}^{(10)}m_{010}^{(00)}m_{111}^{(21)}m_{012}^{(20)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{111}^{(22)}m_{012}^{(10)} + m_{000}^{(10)}m_{010}^{(00)}m_{102}^{(10)}m_{021}^{(22)} \\
&-m_{000}^{(10)}m_{010}^{(00)}m_{102}^{(20)}m_{021}^{(21)} - m_{000}^{(10)}m_{010}^{(00)}m_{102}^{(21)}m_{021}^{(20)} + m_{000}^{(10)}m_{010}^{(00)}m_{102}^{(22)}m_{021}^{(10)} \\
&-m_{000}^{(10)}m_{010}^{(00)}m_{030}^{(00)}m_{003}^{(22)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{030}^{(20)}m_{003}^{(20)} - m_{000}^{(10)}m_{010}^{(00)}m_{030}^{(22)}m_{003}^{(00)} \\
&+m_{000}^{(10)}m_{010}^{(00)}m_{021}^{(00)}m_{012}^{(22)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{021}^{(00)}m_{003}^{(21)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{021}^{(10)}m_{003}^{(20)} \\
&-2m_{000}^{(10)}m_{010}^{(00)}m_{021}^{(20)}m_{012}^{(20)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{021}^{(20)}m_{003}^{(10)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{021}^{(21)}m_{003}^{(00)} \\
&+m_{000}^{(10)}m_{010}^{(00)}m_{021}^{(22)}m_{012}^{(00)} - 4m_{000}^{(10)}m_{010}^{(00)}m_{012}^{(00)}m_{012}^{(21)} + 4m_{000}^{(10)}m_{010}^{(00)}m_{012}^{(10)}m_{012}^{(20)} \\
&-2m_{000}^{(10)}m_{010}^{(10)}m_{210}^{(10)}m_{003}^{(22)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{210}^{(20)}m_{003}^{(21)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{210}^{(21)}m_{003}^{(20)} \\
&-2m_{000}^{(10)}m_{010}^{(10)}m_{210}^{(22)}m_{003}^{(10)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{201}^{(10)}m_{012}^{(22)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{201}^{(20)}m_{012}^{(21)} \\
&-2m_{000}^{(10)}m_{010}^{(10)}m_{201}^{(21)}m_{012}^{(20)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{201}^{(22)}m_{012}^{(10)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{120}^{(00)}m_{003}^{(22)}
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&-4m_{000}^{(10)}m_{010}^{(10)}m_{120}^{(20)}m_{003}^{(20)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{120}^{(22)}m_{003}^{(00)} - 4m_{000}^{(10)}m_{010}^{(10)}m_{111}^{(00)}m_{003}^{(21)}\\
&+4m_{000}^{(10)}m_{010}^{(10)}m_{111}^{(10)}m_{003}^{(20)} + 4m_{000}^{(10)}m_{010}^{(10)}m_{111}^{(20)}m_{003}^{(10)} - 4m_{000}^{(10)}m_{010}^{(10)}m_{111}^{(21)}m_{003}^{(00)}\\
&-2m_{000}^{(10)}m_{010}^{(10)}m_{102}^{(00)}m_{021}^{(22)} + 4m_{000}^{(10)}m_{010}^{(10)}m_{102}^{(00)}m_{012}^{(21)} - 4m_{000}^{(10)}m_{010}^{(10)}m_{102}^{(10)}m_{012}^{(20)}\\
&+4m_{000}^{(10)}m_{010}^{(10)}m_{102}^{(20)}m_{021}^{(20)} - 4m_{000}^{(10)}m_{010}^{(10)}m_{102}^{(20)}m_{012}^{(10)} + 4m_{000}^{(10)}m_{010}^{(10)}m_{102}^{(21)}m_{012}^{(00)}\\
&-2m_{000}^{(10)}m_{010}^{(10)}m_{102}^{(22)}m_{021}^{(00)} + m_{000}^{(10)}m_{010}^{(11)}m_{300}^{(10)}m_{003}^{(22)} - m_{000}^{(10)}m_{010}^{(11)}m_{300}^{(20)}m_{003}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(11)}m_{300}^{(21)}m_{003}^{(20)} + m_{000}^{(10)}m_{010}^{(11)}m_{300}^{(22)}m_{003}^{(10)} - m_{000}^{(10)}m_{010}^{(11)}m_{210}^{(00)}m_{003}^{(22)}\\
&+2m_{000}^{(10)}m_{010}^{(11)}m_{210}^{(20)}m_{003}^{(20)} - m_{000}^{(10)}m_{010}^{(11)}m_{210}^{(22)}m_{003}^{(00)} - m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(00)}m_{012}^{(22)}\\
&+2m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(00)}m_{003}^{(21)} - m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(10)}m_{102}^{(22)} - 2m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(10)}m_{003}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(20)}m_{102}^{(21)} + 2m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(20)}m_{012}^{(20)} - 2m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(20)}m_{003}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(21)}m_{102}^{(20)} + 2m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(21)}m_{003}^{(00)} - m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(22)}m_{102}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(22)}m_{012}^{(00)} + 2m_{000}^{(10)}m_{010}^{(11)}m_{111}^{(00)}m_{102}^{(22)} - 4m_{000}^{(10)}m_{010}^{(11)}m_{111}^{(20)}m_{102}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(11)}m_{111}^{(22)}m_{102}^{(00)} - 4m_{000}^{(10)}m_{010}^{(11)}m_{102}^{(00)}m_{102}^{(21)} + 4m_{000}^{(10)}m_{010}^{(11)}m_{102}^{(10)}m_{102}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{210}^{(10)}m_{012}^{(22)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{210}^{(20)}m_{012}^{(21)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{210}^{(21)}m_{012}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{210}^{(22)}m_{012}^{(10)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{201}^{(10)}m_{021}^{(22)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{201}^{(20)}m_{021}^{(21)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{201}^{(21)}m_{021}^{(20)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{201}^{(22)}m_{021}^{(10)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{120}^{(00)}m_{012}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{120}^{(10)}m_{102}^{(22)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{120}^{(20)}m_{102}^{(21)} + 4m_{000}^{(10)}m_{010}^{(20)}m_{120}^{(20)}m_{012}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{120}^{(21)}m_{102}^{(20)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{120}^{(22)}m_{102}^{(10)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{120}^{(22)}m_{012}^{(00)}\\
&+4m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(00)}m_{012}^{(21)} + 4m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(10)}m_{111}^{(22)} - 4m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(10)}m_{012}^{(20)}\\
&-4m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(20)}m_{111}^{(21)} - 4m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(20)}m_{012}^{(10)} + 4m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(21)}m_{012}^{(00)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{102}^{(00)}m_{030}^{(22)} - 4m_{000}^{(10)}m_{010}^{(20)}m_{102}^{(00)}m_{021}^{(21)} + 4m_{000}^{(10)}m_{010}^{(20)}m_{102}^{(10)}m_{021}^{(20)}\\
&-4m_{000}^{(10)}m_{010}^{(20)}m_{102}^{(20)}m_{030}^{(20)} + 4m_{000}^{(10)}m_{010}^{(20)}m_{102}^{(20)}m_{021}^{(10)} - 4m_{000}^{(10)}m_{010}^{(20)}m_{102}^{(21)}m_{021}^{(00)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{102}^{(22)}m_{030}^{(00)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{300}^{(10)}m_{012}^{(22)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{300}^{(20)}m_{012}^{(21)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{300}^{(21)}m_{012}^{(20)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{300}^{(22)}m_{012}^{(10)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{210}^{(00)}m_{012}^{(22)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{210}^{(10)}m_{102}^{(22)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{210}^{(20)}m_{102}^{(21)} - 4m_{000}^{(10)}m_{010}^{(21)}m_{210}^{(20)}m_{012}^{(20)}\\
&-2m_{000}^{(10)}m_{010}^{(21)}m_{210}^{(21)}m_{102}^{(20)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{210}^{(22)}m_{102}^{(10)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{210}^{(22)}m_{012}^{(00)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(00)}m_{021}^{(22)} - 4m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(00)}m_{012}^{(21)} + 4m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(10)}m_{012}^{(20)}\\
&-4m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(20)}m_{021}^{(20)} + 4m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(20)}m_{012}^{(10)} - 4m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(21)}m_{012}^{(00)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(22)}m_{021}^{(00)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{120}^{(00)}m_{102}^{(22)} + 4m_{000}^{(10)}m_{010}^{(21)}m_{120}^{(20)}m_{102}^{(20)}\\
&-2m_{000}^{(10)}m_{010}^{(21)}m_{120}^{(22)}m_{102}^{(00)} - 4m_{000}^{(10)}m_{010}^{(21)}m_{111}^{(00)}m_{111}^{(22)} + 4m_{000}^{(10)}m_{010}^{(21)}m_{111}^{(00)}m_{102}^{(21)}\\
&-4m_{000}^{(10)}m_{010}^{(21)}m_{111}^{(10)}m_{102}^{(20)} + 4m_{000}^{(10)}m_{010}^{(21)}(m_{111}^{(20)})^2 - 4m_{000}^{(10)}m_{010}^{(21)}m_{111}^{(20)}m_{102}^{(10)}\\
&+4m_{000}^{(10)}m_{010}^{(21)}m_{111}^{(21)}m_{102}^{(00)} + m_{000}^{(10)}m_{010}^{(22)}m_{300}^{(10)}m_{021}^{(22)} - m_{000}^{(10)}m_{010}^{(22)}m_{300}^{(20)}m_{021}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{300}^{(21)}m_{021}^{(20)} + m_{000}^{(10)}m_{010}^{(22)}m_{300}^{(22)}m_{021}^{(10)} - m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(00)}m_{021}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(10)}m_{111}^{(22)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(20)}m_{111}^{(21)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(20)}m_{021}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(21)}m_{111}^{(20)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(22)}m_{111}^{(10)} - m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(22)}m_{021}^{(00)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(00)}m_{030}^{(22)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(00)}m_{021}^{(21)} + m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(10)}m_{120}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(10)}m_{021}^{(20)} - m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(20)}m_{120}^{(21)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(20)}m_{030}^{(20)}\\
&-2m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(20)}m_{021}^{(10)} - m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(21)}m_{120}^{(20)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(21)}m_{021}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(22)}m_{120}^{(10)} - m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(22)}m_{030}^{(00)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{120}^{(00)}m_{111}^{(22)}
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&-4m_{000}^{(10)}m_{010}^{(22)}m_{120}^{(20)}m_{111}^{(20)}+2m_{000}^{(10)}m_{010}^{(22)}m_{120}^{(22)}m_{111}^{(00)}-4m_{000}^{(10)}m_{010}^{(22)}m_{111}^{(00)}m_{111}^{(21)}\\
&+4m_{000}^{(10)}m_{010}^{(22)}m_{111}^{(10)}m_{111}^{(20)}-m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(10)}m_{003}^{(21)}-2m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(11)}m_{102}^{(22)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(11)}m_{003}^{(20)}+m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(20)}m_{003}^{(11)}+4m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(21)}m_{102}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(21)}m_{003}^{(10)}-2m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(22)}m_{102}^{(11)}+2m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(10)}m_{012}^{(21)}\\
&+4m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(11)}m_{111}^{(22)}-2m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(11)}m_{012}^{(20)}-2m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(20)}m_{012}^{(11)}\\
&-4m_{000}^{(10)}m_{001}^{(00)}(m_{111}^{(21)})^2+2m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(21)}m_{012}^{(10)}-m_{000}^{(10)}m_{001}^{(00)}m_{102}^{(10)}m_{021}^{(21)}\\
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&+2m_{000}^{(10)}m_{001}^{(00)}m_{030}^{(00)}m_{012}^{(22)}-m_{000}^{(10)}m_{001}^{(00)}m_{030}^{(00)}m_{003}^{(21)}+m_{000}^{(10)}m_{001}^{(00)}m_{030}^{(10)}m_{003}^{(20)}\\
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&+2m_{000}^{(10)}m_{001}^{(00)}m_{030}^{(22)}m_{012}^{(00)}-4m_{000}^{(10)}m_{001}^{(00)}m_{021}^{(00)}m_{021}^{(22)}+m_{000}^{(10)}m_{001}^{(00)}m_{021}^{(00)}m_{012}^{(21)}\\
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&+2m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(21)}m_{003}^{(10)}+4m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(22)}m_{102}^{(11)}-2m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(10)}m_{012}^{(21)}\\
&-4m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(11)}m_{111}^{(22)}+2m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(11)}m_{012}^{(20)}+2m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(20)}m_{012}^{(11)}\\
&+8m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(21)}m_{111}^{(21)}-2m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(21)}m_{012}^{(10)}-4m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(22)}m_{111}^{(11)}\\
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&+8m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(20)}m_{012}^{(20)}-2m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(20)}m_{003}^{(10)}+2m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(21)}m_{003}^{(00)}\\
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&+4m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(22)}m_{021}^{(00)}-2m_{000}^{(10)}m_{001}^{(10)}m_{102}^{(00)}m_{021}^{(21)}+2m_{000}^{(10)}m_{001}^{(10)}m_{102}^{(10)}m_{021}^{(20)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{102}^{(20)}m_{021}^{(10)}-2m_{000}^{(10)}m_{001}^{(10)}m_{102}^{(21)}m_{021}^{(00)}-m_{000}^{(10)}m_{001}^{(11)}m_{300}^{(10)}m_{003}^{(21)}\\
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&+4m_{000}^{(10)}m_{001}^{(11)}m_{300}^{(21)}m_{102}^{(21)}-m_{000}^{(10)}m_{001}^{(11)}m_{300}^{(21)}m_{003}^{(10)}-2m_{000}^{(10)}m_{001}^{(11)}m_{300}^{(22)}m_{102}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(00)}m_{012}^{(22)}-m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(00)}m_{003}^{(21)}+m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(10)}m_{003}^{(20)}\\
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&+2m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(22)}m_{012}^{(00)}-m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(00)}m_{012}^{(21)}+m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(10)}m_{102}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(10)}m_{012}^{(20)}+4m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(11)}m_{201}^{(22)}-m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(11)}m_{102}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(20)}m_{102}^{(11)}+m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(20)}m_{012}^{(10)}-4m_{000}^{(10)}m_{001}^{(11)}(m_{201}^{(21)})^2\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(21)}m_{102}^{(10)}-m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(21)}m_{012}^{(00)}-4m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(00)}m_{111}^{(22)}\\
&+2m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(00)}m_{102}^{(21)}-2m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(10)}m_{102}^{(20)}+4m_{000}^{(10)}m_{001}^{(11)}(m_{111}^{(20)})^2\\
&-2m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(20)}m_{102}^{(10)}+2m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(21)}m_{102}^{(00)}-2m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(10)}m_{012}^{(21)}\\
&-4m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(11)}m_{111}^{(22)}+2m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(11)}m_{012}^{(20)}+2m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(20)}m_{012}^{(11)}\\
&+8m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(21)}m_{111}^{(21)}-2m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(21)}m_{012}^{(10)}-4m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(22)}m_{111}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(10)}m_{021}^{(21)}+4m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(11)}m_{120}^{(22)}-2m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(11)}m_{021}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(20)}m_{021}^{(11)}-8m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(21)}m_{120}^{(21)}+2m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(21)}m_{021}^{(10)}\\
&+4m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(22)}m_{120}^{(11)}+4m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(00)}m_{021}^{(22)}-2m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(00)}m_{012}^{(21)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(10)}m_{102}^{(21)}+2m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(10)}m_{012}^{(20)}-2m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(11)}m_{102}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(20)}m_{102}^{(11)}-8m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(20)}m_{021}^{(20)}+2m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(20)}m_{012}^{(10)}
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&+2m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(21)}m_{102}^{(10)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(21)}m_{012}^{(00)} + 4m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(22)}m_{021}^{(00)}\\
&-4m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(00)}m_{030}^{(22)} - 4m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(10)}m_{111}^{(21)} + 4m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(11)}m_{111}^{(20)}\\
&+8m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(20)}m_{030}^{(20)} - 4m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(22)}m_{030}^{(00)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{102}^{(00)}m_{030}^{(21)}\\
&-2m_{000}^{(10)}m_{001}^{(20)}m_{102}^{(10)}m_{030}^{(20)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{102}^{(20)}m_{030}^{(10)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{102}^{(21)}m_{030}^{(00)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(10)}m_{012}^{(21)} + 4m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(11)}m_{111}^{(22)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(11)}m_{012}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(20)}m_{012}^{(11)} - 8m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(21)}m_{111}^{(21)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(21)}m_{012}^{(10)}\\
&+4m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(22)}m_{111}^{(11)} - 4m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(00)}m_{021}^{(22)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(00)}m_{012}^{(21)}\\
&-2m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(10)}m_{102}^{(21)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(10)}m_{012}^{(20)} - 4m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(11)}m_{201}^{(22)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(11)}m_{102}^{(20)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(20)}m_{102}^{(11)} + 8m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(20)}m_{021}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(20)}m_{012}^{(10)} + 8m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(21)}m_{201}^{(21)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(21)}m_{102}^{(10)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(21)}m_{012}^{(00)} - 4m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(22)}m_{201}^{(11)} - 4m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(22)}m_{021}^{(00)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(00)}m_{021}^{(21)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(10)}m_{021}^{(20)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(20)}m_{021}^{(10)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(21)}m_{021}^{(00)} + 4m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(00)}m_{111}^{(22)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(00)}m_{102}^{(21)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(10)}m_{102}^{(20)} - 8m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(20)}m_{111}^{(20)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(20)}m_{102}^{(10)}\\
&-2m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(21)}m_{102}^{(00)} + 4m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(22)}m_{111}^{(00)} - 4m_{000}^{(10)}m_{001}^{(21)}m_{111}^{(00)}m_{111}^{(21)}\\
&+4m_{000}^{(10)}m_{001}^{(21)}m_{111}^{(10)}m_{111}^{(20)} - m_{000}^{(10)}m_{001}^{(22)}m_{300}^{(10)}m_{021}^{(21)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{300}^{(11)}m_{120}^{(22)}\\
&+m_{000}^{(10)}m_{001}^{(22)}m_{300}^{(11)}m_{021}^{(20)} + m_{000}^{(10)}m_{001}^{(22)}m_{300}^{(20)}m_{021}^{(11)} + 4m_{000}^{(10)}m_{001}^{(22)}m_{300}^{(21)}m_{120}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(22)}m_{300}^{(21)}m_{021}^{(10)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{300}^{(22)}m_{120}^{(11)} + 2m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(00)}m_{030}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(00)}m_{021}^{(21)} + 2m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(10)}m_{111}^{(21)} + m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(10)}m_{021}^{(20)}\\
&+4m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(11)}m_{210}^{(22)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(11)}m_{111}^{(20)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(20)}m_{111}^{(11)}\\
&-4m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(20)}m_{030}^{(20)} + m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(20)}m_{021}^{(10)} - 4m_{000}^{(10)}m_{001}^{(22)}(m_{210}^{(21)})^2\\
&+2m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(21)}m_{111}^{(10)} - m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(21)}m_{021}^{(00)} + 2m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(22)}m_{030}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(22)}m_{201}^{(00)}m_{030}^{(21)} - m_{000}^{(10)}m_{001}^{(22)}m_{201}^{(10)}m_{120}^{(21)} + m_{000}^{(10)}m_{001}^{(22)}m_{201}^{(10)}m_{030}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(22)}m_{201}^{(11)}m_{120}^{(20)} + m_{000}^{(10)}m_{001}^{(22)}m_{201}^{(20)}m_{120}^{(11)} + m_{000}^{(10)}m_{001}^{(22)}m_{201}^{(20)}m_{030}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(22)}m_{201}^{(21)}m_{120}^{(10)} - m_{000}^{(10)}m_{001}^{(22)}m_{201}^{(21)}m_{030}^{(00)} - 4m_{000}^{(10)}m_{001}^{(22)}m_{120}^{(00)}m_{120}^{(22)}\\
&+2m_{000}^{(10)}m_{001}^{(22)}m_{120}^{(00)}m_{111}^{(21)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{120}^{(10)}m_{111}^{(20)} + 4m_{000}^{(10)}m_{001}^{(22)}(m_{120}^{(20)})^2\\
&-2m_{000}^{(10)}m_{001}^{(22)}m_{120}^{(20)}m_{111}^{(10)} + 2m_{000}^{(10)}m_{001}^{(22)}m_{120}^{(21)}m_{111}^{(00)} - m_{000}^{(11)}m_{100}^{(00)}m_{120}^{(10)}m_{003}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{120}^{(20)}m_{003}^{(21)} + m_{000}^{(11)}m_{100}^{(00)}m_{120}^{(21)}m_{003}^{(20)} - m_{000}^{(11)}m_{100}^{(00)}m_{120}^{(22)}m_{003}^{(10)}\\
&+2m_{000}^{(11)}m_{100}^{(00)}m_{111}^{(10)}m_{012}^{(22)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{111}^{(20)}m_{012}^{(21)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{111}^{(21)}m_{012}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(00)}m_{111}^{(22)}m_{012}^{(10)} - m_{000}^{(11)}m_{100}^{(00)}m_{102}^{(10)}m_{021}^{(22)} + m_{000}^{(11)}m_{100}^{(00)}m_{102}^{(20)}m_{021}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{102}^{(21)}m_{021}^{(20)} - m_{000}^{(11)}m_{100}^{(00)}m_{102}^{(22)}m_{021}^{(10)} + m_{000}^{(11)}m_{100}^{(00)}m_{030}^{(00)}m_{003}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(00)}m_{030}^{(20)}m_{003}^{(20)} + m_{000}^{(11)}m_{100}^{(00)}m_{030}^{(22)}m_{003}^{(00)} - m_{000}^{(11)}m_{100}^{(00)}m_{021}^{(00)}m_{012}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(00)}m_{021}^{(00)}m_{003}^{(21)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{021}^{(10)}m_{003}^{(20)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{021}^{(20)}m_{012}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(00)}m_{021}^{(20)}m_{003}^{(10)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{021}^{(21)}m_{003}^{(00)} - m_{000}^{(11)}m_{100}^{(00)}m_{021}^{(22)}m_{012}^{(00)}\\
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&-2m_{000}^{(11)}m_{100}^{(10)}m_{120}^{(22)}m_{003}^{(00)} + 4m_{000}^{(11)}m_{100}^{(10)}m_{111}^{(00)}m_{003}^{(21)} - 4m_{000}^{(11)}m_{100}^{(10)}m_{111}^{(10)}m_{003}^{(20)}\\
&-4m_{000}^{(11)}m_{100}^{(10)}m_{111}^{(20)}m_{003}^{(10)} + 4m_{000}^{(11)}m_{100}^{(10)}m_{111}^{(21)}m_{003}^{(00)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(00)}m_{102}^{(22)}m_{021}\\
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&+4m_{000}^{(11)}m_{100}^{(10)}m_{102}^{(20)}m_{012}^{(10)} - 4m_{000}^{(11)}m_{100}^{(10)}m_{102}^{(21)}m_{012}^{(00)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{102}^{(22)}m_{021}^{(00)}\\
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&+m_{000}^{(11)}m_{100}^{(11)}m_{210}^{(22)}m_{003}^{(00)} + m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(00)}m_{012}^{(22)} - 2m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(00)}m_{003}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(10)}m_{102}^{(22)} + 2m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(10)}m_{003}^{(20)} - m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(20)}m_{102}^{(21)}\\
&-2m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(20)}m_{012}^{(20)} + 2m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(20)}m_{003}^{(10)} - m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(21)}m_{102}^{(20)}\\
&-2m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(21)}m_{003}^{(00)} + m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(22)}m_{102}^{(10)} + m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(22)}m_{012}^{(00)}\\
&-2m_{000}^{(11)}m_{100}^{(11)}m_{111}^{(00)}m_{102}^{(22)} + 4m_{000}^{(11)}m_{100}^{(11)}m_{111}^{(20)}m_{102}^{(20)} - 2m_{000}^{(11)}m_{100}^{(11)}m_{111}^{(22)}m_{102}^{(00)}\\
&+4m_{000}^{(11)}m_{100}^{(11)}m_{102}^{(00)}m_{102}^{(21)} - 4m_{000}^{(11)}m_{100}^{(11)}m_{102}^{(10)}m_{102}^{(20)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(10)}m_{210}^{(22)}m_{012}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(20)}m_{210}^{(21)}m_{012} + 2m_{000}^{(11)}m_{100}^{(20)}m_{210}^{(21)}m_{012}^{(20)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{210}^{(22)}m_{012}^{(10)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(10)}m_{201}^{(22)}m_{021} - 2m_{000}^{(11)}m_{100}^{(20)}m_{201}^{(20)}m_{021}^{(21)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{201}^{(21)}m_{021}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{201}^{(22)}m_{021}^{(10)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{120}^{(00)}m_{012}^{(22)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{120}^{(10)}m_{102}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{120}^{(20)}m_{102}^{(21)} - 4m_{000}^{(11)}m_{100}^{(20)}m_{120}^{(20)}m_{012}^{(20)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{120}^{(21)}m_{102}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{120}^{(22)}m_{102}^{(10)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{120}^{(22)}m_{012}^{(00)} - 4m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(00)}m_{012}^{(21)}\\
&-4m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(10)}m_{111}^{(22)} + 4m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(10)}m_{012}^{(20)} + 4m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(20)}m_{111}^{(21)}\\
&+4m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(20)}m_{012}^{(10)} - 4m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(21)}m_{012}^{(00)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(00)}m_{102}^{(22)}m_{030}\\
&+4m_{000}^{(11)}m_{100}^{(20)}m_{102}^{(00)}m_{021}^{(21)} - 4m_{000}^{(11)}m_{100}^{(20)}m_{102}^{(10)}m_{021}^{(20)} + 4m_{000}^{(11)}m_{100}^{(20)}m_{102}^{(20)}m_{030}^{(20)}\\
&-4m_{000}^{(11)}m_{100}^{(20)}m_{102}^{(20)}m_{021}^{(10)} + 4m_{000}^{(11)}m_{100}^{(20)}m_{102}^{(21)}m_{021}^{(00)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{102}^{(22)}m_{030}^{(00)}\\
&+2m_{000}^{(11)}m_{100}^{(21)}m_{300}^{(10)}m_{012}^{(22)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{300}^{(20)}m_{012}^{(21)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{300}^{(21)}m_{012}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(21)}m_{300}^{(22)}m_{012}^{(10)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(00)}m_{012}^{(22)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(10)}m_{102}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(20)}m_{102}^{(21)} + 4m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(20)}m_{012}^{(20)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(21)}m_{102}^{(20)}\\
&-2m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(22)}m_{102}^{(10)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(22)}m_{012}^{(00)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(00)}m_{021}^{(22)}\\
&+4m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(00)}m_{012}^{(21)} - 4m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(10)}m_{012}^{(20)} + 4m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(20)}m_{021}^{(20)}\\
&-4m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(20)}m_{012}^{(10)} + 4m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(21)}m_{012}^{(00)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(22)}m_{021}^{(00)}\\
&+2m_{000}^{(11)}m_{100}^{(21)}m_{120}^{(00)}m_{102}^{(22)} - 4m_{000}^{(11)}m_{100}^{(21)}m_{120}^{(20)}m_{102}^{(20)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{120}^{(22)}m_{102}^{(00)}\\
&+4m_{000}^{(11)}m_{100}^{(21)}m_{111}^{(00)}m_{111}^{(22)} - 4m_{000}^{(11)}m_{100}^{(21)}m_{111}^{(00)}m_{102}^{(21)} + 4m_{000}^{(11)}m_{100}^{(21)}m_{111}^{(10)}m_{102}^{(20)}\\
&-4m_{000}^{(11)}m_{100}^{(21)}(m_{111}^{(20)})^2 + 4m_{000}^{(11)}m_{100}^{(21)}m_{111}^{(20)}m_{102}^{(10)} - 4m_{000}^{(11)}m_{100}^{(21)}m_{111}^{(21)}m_{102}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{300}^{(10)}m_{021}^{(22)} + m_{000}^{(11)}m_{100}^{(22)}m_{300}^{(20)}m_{021}^{(21)} + m_{000}^{(11)}m_{100}^{(22)}m_{300}^{(21)}m_{021}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{300}^{(22)}m_{021}^{(10)} + m_{000}^{(11)}m_{100}^{(22)}m_{210}^{(00)}m_{021}^{(22)} + 2m_{000}^{(11)}m_{100}^{(22)}m_{210}^{(10)}m_{111}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(22)}m_{210}^{(20)}m_{111}^{(21)} - 2m_{000}^{(11)}m_{100}^{(22)}m_{210}^{(20)}m_{021}^{(20)} - 2m_{000}^{(11)}m_{100}^{(22)}m_{210}^{(21)}m_{111}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(22)}m_{210}^{(22)}m_{111}^{(10)} + m_{000}^{(11)}m_{100}^{(22)}m_{210}^{(22)}m_{021}^{(00)} + m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(00)}m_{030}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(00)}m_{021}^{(21)} - m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(10)}m_{120}^{(22)} + 2m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(10)}m_{021}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(20)}m_{120}^{(21)} - 2m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(20)}m_{030}^{(20)} + 2m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(20)}m_{021}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(21)}m_{120}^{(20)} - 2m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(21)}m_{021}^{(00)} - m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(22)}m_{120}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(22)}m_{030}^{(00)} - 2m_{000}^{(11)}m_{100}^{(22)}m_{120}^{(00)}m_{111}^{(22)} + 4m_{000}^{(11)}m_{100}^{(22)}m_{120}^{(20)}m_{111}^{(20)}
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&-2m_{000}^{(11)}m_{100}^{(22)}m_{120}^{(22)}m_{111}^{(00)} + 4m_{000}^{(11)}m_{100}^{(22)}m_{111}^{(00)}m_{111}^{(21)} - 4m_{000}^{(11)}m_{100}^{(22)}m_{111}^{(10)}m_{111}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{120}^{(00)}m_{012}^{(22)} + m_{000}^{(11)}m_{001}^{(00)}m_{120}^{(00)}m_{003}^{(21)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{120}^{(10)}m_{102}^{(22)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{120}^{(10)}m_{003}^{(20)} - 2m_{000}^{(11)}m_{001}^{(00)}m_{120}^{(20)}m_{102}^{(21)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{120}^{(20)}m_{012}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{120}^{(20)}m_{003}^{(10)} - 2m_{000}^{(11)}m_{001}^{(00)}m_{120}^{(21)}m_{102}^{(20)} + m_{000}^{(11)}m_{001}^{(00)}m_{120}^{(21)}m_{003}^{(00)}\\
&+2m_{000}^{(11)}m_{001}^{(00)}m_{120}^{(22)}m_{102}^{(10)} - m_{000}^{(11)}m_{001}^{(00)}m_{120}^{(22)}m_{012}^{(00)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(00)}m_{111}^{(22)}\\
&-2m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(00)}m_{012}^{(21)} - 4m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(10)}m_{111}^{(22)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(10)}m_{012}^{(20)}\\
&+4m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(20)}m_{111}^{(21)} - 4m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(20)}m_{021}^{(20)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(20)}m_{012}^{(10)}\\
&-2m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(21)}m_{012}^{(00)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(22)}m_{021}^{(00)} - m_{000}^{(11)}m_{001}^{(00)}m_{102}^{(00)}m_{030}^{(22)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{102}^{(00)}m_{021}^{(21)} - m_{000}^{(11)}m_{001}^{(00)}m_{102}^{(10)}m_{021}^{(20)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{102}^{(20)}m_{030}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{102}^{(20)}m_{021}^{(10)} + m_{000}^{(11)}m_{001}^{(00)}m_{102}^{(21)}m_{021}^{(00)} - m_{000}^{(11)}m_{001}^{(00)}m_{102}^{(22)}m_{030}^{(00)}\\
&+2m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(00)}m_{012}^{(22)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(00)}m_{003}^{(21)} - 4m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(10)}m_{102}^{(22)}\\
&+2m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(10)}m_{003}^{(20)} + 4m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(20)}m_{102}^{(21)} - 4m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(20)}m_{012}^{(20)}\\
&+2m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(20)}m_{003}^{(10)} + 4m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(21)}m_{102}^{(20)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(21)}m_{003}^{(00)}\\
&-4m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(22)}m_{102}^{(10)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(22)}m_{012}^{(00)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(00)}m_{201}^{(22)}\\
&+2m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(00)}m_{012}^{(21)} + 4m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(10)}m_{111}^{(22)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(10)}m_{012}^{(20)}\\
&-4m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(20)}m_{111}^{(21)} + 4m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(20)}m_{021}^{(20)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(20)}m_{012}^{(10)}\\
&-4m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(21)}m_{111}^{(20)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(21)}m_{012}^{(00)} + 4m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(22)}m_{111}^{(10)}\\
&-2m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(22)}m_{021}^{(00)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{120}^{(00)}m_{102}^{(22)} - 4m_{000}^{(11)}m_{001}^{(10)}m_{120}^{(20)}m_{102}^{(20)}\\
&+2m_{000}^{(11)}m_{001}^{(10)}m_{120}^{(22)}m_{102}^{(00)} - 4m_{000}^{(11)}m_{001}^{(10)}m_{111}^{(00)}m_{111}^{(22)} + 4m_{000}^{(11)}m_{001}^{(10)}(m_{111}^{(20)})^2\\
&-m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(00)}m_{012}^{(22)} + m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(00)}m_{003}^{(21)} + 2m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(10)}m_{102}^{(22)}\\
&-m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(10)}m_{003}^{(20)} - 2m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(20)}m_{102}^{(21)} + 2m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(20)}m_{012}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(20)}m_{003}^{(10)} - 2m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(21)}m_{102}^{(20)} + m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(21)}m_{003}^{(00)}\\
&+2m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(22)}m_{102}^{(10)} - m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(22)}m_{012}^{(00)} - m_{000}^{(11)}m_{001}^{(11)}m_{210}^{(00)}m_{102}^{(22)}\\
&+2m_{000}^{(11)}m_{001}^{(11)}m_{210}^{(20)}m_{102}^{(20)} - m_{000}^{(11)}m_{001}^{(11)}m_{210}^{(22)}m_{102}^{(00)} + 2m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(00)}m_{111}^{(22)}\\
&-m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(00)}m_{102}^{(21)} - 4m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(10)}m_{201}^{(22)} + m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(10)}m_{102}^{(20)}\\
&+4m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(20)}m_{201}^{(21)} - 4m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(20)}m_{111}^{(20)} + m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(20)}m_{102}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(21)}m_{102}^{(00)} + 2m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(22)}m_{111}^{(00)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(00)}m_{021}^{(22)}\\
&+2m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(00)}m_{012}^{(21)} + 4m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(10)}m_{111}^{(22)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(10)}m_{012}^{(20)}\\
&-4m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(20)}m_{111}^{(21)} + 4m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(20)}m_{021}^{(20)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(20)}m_{012}^{(10)}\\
&-4m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(21)}m_{111}^{(20)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(21)}m_{012}^{(00)} + 4m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(22)}m_{111}^{(10)}\\
&-2m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(22)}m_{021}^{(00)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(00)}m_{030}^{(22)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(00)}m_{021}^{(21)}\\
&-4m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(10)}m_{120}^{(22)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(10)}m_{021}^{(20)} + 4m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(20)}m_{120}^{(21)}\\
&-4m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(20)}m_{030}^{(20)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(20)}m_{021}^{(10)} + 4m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(21)}m_{120}^{(20)}\\
&-2m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(21)}m_{021}^{(00)} - 4m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(22)}m_{120}^{(10)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(22)}m_{030}^{(00)}\\
&-2m_{000}^{(11)}m_{001}^{(20)}m_{120}^{(00)}m_{102}^{(21)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{120}^{(10)}m_{102}^{(20)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{120}^{(20)}m_{102}^{(10)}\\
&-2m_{000}^{(11)}m_{001}^{(20)}m_{120}^{(21)}m_{102}^{(00)} + 4m_{000}^{(11)}m_{001}^{(20)}m_{111}^{(00)}m_{111}^{(21)} - 4m_{000}^{(11)}m_{001}^{(20)}m_{111}^{(10)}m_{111}^{(20)}\\
&+2m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(00)}m_{021}^{(22)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(00)}m_{012}^{(21)} - 4m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(10)}m_{111}^{(22)}\\
&+2m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(10)}m_{012}^{(20)} + 4m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(20)}m_{111}^{(21)} - 4m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(20)}m_{021}^{(20)}
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&+2m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(20)}m_{012}^{(10)} + 4m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(21)}m_{111}^{(20)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(21)}m_{012}^{(00)}\\
&-4m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(22)}m_{111}^{(10)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(22)}m_{021}^{(00)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(00)}m_{102}^{(21)}\\
&+4m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(10)}m_{201}^{(22)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(10)}m_{102}^{(20)} - 4m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(20)}m_{201}^{(21)}\\
&-2m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(20)}m_{102}^{(10)} - 4m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(21)}m_{201}^{(20)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(21)}m_{102}^{(00)}\\
&+4m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(22)}m_{201}^{(10)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(00)}m_{120}^{(22)} + 4m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(20)}m_{120}^{(20)}\\
&-2m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(22)}m_{120}^{(00)} - m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(00)}m_{030}^{(22)} + m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(00)}m_{021}^{(21)}\\
&+2m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(10)}m_{120}^{(22)} - m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(10)}m_{021}^{(20)} - 2m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(20)}m_{120}^{(21)}\\
&+2m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(20)}m_{030}^{(20)} - m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(20)}m_{021}^{(10)} - 2m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(21)}m_{120}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(21)}m_{021}^{(00)} + 2m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(22)}m_{120}^{(10)} - m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(22)}m_{030}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(00)}m_{120}^{(22)} - 2m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(00)}m_{111}^{(21)} - 4m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(10)}m_{210}^{(22)}\\
&+2m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(10)}m_{111}^{(20)} + 4m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(20)}m_{210}^{(21)} - 2m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(20)}m_{120}^{(20)}\\
&+2m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(20)}m_{111}^{(10)} - 2m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(21)}m_{111}^{(00)} + m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(22)}m_{120}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{201}^{(00)}m_{120}^{(21)} - m_{000}^{(11)}m_{001}^{(22)}m_{201}^{(10)}m_{120}^{(20)} - m_{000}^{(11)}m_{001}^{(22)}m_{201}^{(20)}m_{120}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{201}^{(21)}m_{120}^{(00)} - m_{000}^{(20)}m_{100}^{(00)}m_{120}^{(11)}m_{012}^{(22)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{120}^{(21)}m_{012}^{(21)}\\
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&+2m_{000}^{(20)}m_{100}^{(00)}m_{111}^{(22)}m_{021}^{(11)} - m_{000}^{(20)}m_{100}^{(00)}m_{102}^{(11)}m_{030}^{(22)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{102}^{(21)}m_{030}^{(21)}\\
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&+m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(11)}m_{003}^{(20)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(20)}m_{012}^{(21)} + m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(20)}m_{003}^{(11)}\\
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&-4m_{000}^{(20)}m_{100}^{(00)}m_{021}^{(10)}m_{021}^{(22)} + m_{000}^{(20)}m_{100}^{(00)}m_{021}^{(10)}m_{012}^{(21)} - m_{000}^{(20)}m_{100}^{(00)}m_{021}^{(11)}m_{012}^{(20)}\\
&+4m_{000}^{(20)}m_{100}^{(00)}m_{021}^{(20)}m_{021}^{(21)} - m_{000}^{(20)}m_{100}^{(00)}m_{021}^{(20)}m_{012}^{(11)} + m_{000}^{(20)}m_{100}^{(00)}m_{021}^{(21)}m_{012}^{(10)}\\
&+2m_{000}^{(20)}m_{100}^{(10)}m_{210}^{(11)}m_{012}^{(22)} - 4m_{000}^{(20)}m_{100}^{(10)}m_{210}^{(21)}m_{012}^{(21)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{210}^{(22)}m_{012}^{(11)}\\
&-2m_{000}^{(20)}m_{100}^{(10)}m_{201}^{(11)}m_{021}^{(22)} + 4m_{000}^{(20)}m_{100}^{(10)}m_{201}^{(21)}m_{021}^{(21)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{201}^{(22)}m_{021}^{(11)}\\
&-4m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(10)}m_{012}^{(22)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(10)}m_{003}^{(21)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(11)}m_{102}^{(22)}\\
&-2m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(11)}m_{003}^{(20)} + 4m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(20)}m_{012}^{(21)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(20)}m_{003}^{(11)}\\
&-4m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(21)}m_{102}^{(21)} + 4m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(21)}m_{012}^{(20)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(21)}m_{003}^{(10)}\\
&+2m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(22)}m_{102}^{(11)} - 4m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(22)}m_{012}^{(10)} + 4m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(10)}m_{021}^{(22)}\\
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&-4m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(21)}m_{021}^{(20)} + 4m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(22)}m_{021}^{(10)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{102}^{(10)}m_{021}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(10)}m_{102}^{(11)}m_{021}^{(20)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{102}^{(20)}m_{021}^{(11)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{102}^{(21)}m_{021}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{300}^{(11)}m_{012}^{(22)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{300}^{(21)}m_{012}^{(21)} - m_{000}^{(20)}m_{100}^{(11)}m_{300}^{(22)}m_{012}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(11)}m_{210}^{(10)}m_{012}^{(22)} - m_{000}^{(20)}m_{100}^{(11)}m_{210}^{(10)}m_{003}^{(21)} - m_{000}^{(20)}m_{100}^{(11)}m_{210}^{(11)}m_{102}^{(22)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{210}^{(11)}m_{003}^{(20)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{210}^{(20)}m_{012}^{(21)} + m_{000}^{(20)}m_{100}^{(11)}m_{210}^{(20)}m_{003}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(11)}m_{210}^{(21)}m_{102}^{(21)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{210}^{(21)}m_{012}^{(20)} - m_{000}^{(20)}m_{100}^{(11)}m_{210}^{(21)}m_{003}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{210}^{(22)}m_{102}^{(11)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{210}^{(22)}m_{012}^{(10)} - m_{000}^{(20)}m_{100}^{(11)}m_{201}^{(10)}m_{012}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(11)}m_{201}^{(11)}m_{111}^{(22)} + m_{000}^{(20)}m_{100}^{(11)}m_{201}^{(11)}m_{012}^{(20)} + m_{000}^{(20)}m_{100}^{(11)}m_{201}^{(20)}m_{012}^{(11)}\\
&-4m_{000}^{(20)}m_{100}^{(11)}m_{201}^{(21)}m_{111}^{(21)} - m_{000}^{(20)}m_{100}^{(11)}m_{201}^{(21)}m_{012}^{(10)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{201}^{(22)}m_{111}^{(11)}\\
&-4m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(10)}m_{111}^{(22)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(10)}m_{102}^{(21)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(11)}m_{102}^{(20)}
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&+4m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(20)}m_{111}^{(21)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(20)}m_{102}^{(11)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(21)}m_{102}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{210}^{(11)}m_{021}^{(22)} + 4m_{000}^{(20)}m_{100}^{(20)}m_{210}^{(21)}m_{021}^{(21)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{210}^{(22)}m_{021}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{201}^{(11)}m_{030}^{(22)} - 4m_{000}^{(20)}m_{100}^{(20)}m_{201}^{(21)}m_{030}^{(21)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{201}^{(22)}m_{030}^{(11)}\\
&+4m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(10)}m_{021}^{(22)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(10)}m_{012}^{(21)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(11)}m_{012}^{(20)}\\
&-4m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(20)}m_{021}^{(21)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(20)}m_{012}^{(11)} - 4m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(21)}m_{021}^{(20)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(21)}m_{012}^{(10)} + 4m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(22)}m_{021}^{(10)} - 4m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(10)}m_{030}^{(22)}\\
&+4m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(20)}m_{030}^{(21)} + 4m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(21)}m_{030}^{(20)} - 4m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(22)}m_{030}^{(10)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{102}^{(10)}m_{030}^{(21)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{102}^{(11)}m_{030}^{(20)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{102}^{(20)}m_{030}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{102}^{(21)}m_{030}^{(10)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{300}^{(11)}m_{021}^{(22)} - 4m_{000}^{(20)}m_{100}^{(21)}m_{300}^{(21)}m_{021}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{300}^{(22)}m_{021}^{(11)} - 4m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(10)}m_{021}^{(22)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(10)}m_{012}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(11)}m_{012}^{(20)} + 4m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(20)}m_{021}^{(21)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(20)}m_{012}^{(11)}\\
&+4m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(21)}m_{021}^{(20)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(21)}m_{012}^{(10)} - 4m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(22)}m_{021}^{(10)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(10)}m_{021}^{(21)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(11)}m_{120}^{(22)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(11)}m_{021}^{(20)}\\
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&-2m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(22)}m_{120}^{(11)} + 4m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(10)}m_{111}^{(22)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(10)}m_{102}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(11)}m_{102}^{(20)} - 4m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(20)}m_{111}^{(21)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(20)}m_{102}^{(11)}\\
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&+2m_{000}^{(20)}m_{100}^{(22)}m_{300}^{(21)}m_{030}^{(21)} - m_{000}^{(20)}m_{100}^{(22)}m_{300}^{(22)}m_{030}^{(11)} + 2m_{000}^{(20)}m_{100}^{(22)}m_{210}^{(10)}m_{030}^{(22)}\\
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&+2m_{000}^{(20)}m_{100}^{(22)}m_{210}^{(22)}m_{030}^{(10)} - m_{000}^{(20)}m_{100}^{(22)}m_{201}^{(10)}m_{030}^{(21)} + m_{000}^{(20)}m_{100}^{(22)}m_{201}^{(11)}m_{030}^{(20)}\\
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&-2m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(20)}m_{111}^{(11)} + 2m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(21)}m_{111}^{(10)} - m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(10)}m_{120}^{(22)}\\
&+2m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(11)}m_{102}^{(22)} + m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(20)}m_{012}^{(21)} - 4m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(21)}m_{102}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(21)}m_{012}^{(20)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(22)}m_{102}^{(11)} - m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(22)}m_{012}^{(10)}\\
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&+4m_{000}^{(20)}m_{010}^{(00)}m_{012}^{(00)}m_{012}^{(11)} - 4m_{000}^{(20)}m_{010}^{(00)}(m_{012}^{(10)})^2 + 2m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(10)}m_{012}^{(22)}\\
&-4m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(11)}m_{102}^{(22)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(20)}m_{012}^{(21)} + 8m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(21)}m_{102}^{(21)}\\
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&-8m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(21)}m_{111}^{(21)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(21)}m_{021}^{(20)} + 4m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(22)}m_{111}^{(11)}\\
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&+2m_{000}^{(20)}m_{010}^{(10)}m_{120}^{(10)}m_{003}^{(20)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{120}^{(20)}m_{102}^{(21)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{120}^{(20)}m_{003}^{(10)}\\
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&+4m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(00)}m_{003}^{(11)} - 4m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(10)}m_{111}^{(22)} - 8m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(10)}m_{003}^{(10)}\\
&+4m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(11)}m_{003}^{(00)} + 4m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(20)}m_{111}^{(21)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{102}^{(00)}m_{021}^{(21)}\\
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&-m_{000}^{(20)}m_{010}^{(11)}m_{300}^{(22)}m_{012}^{(10)} + m_{000}^{(20)}m_{010}^{(11)}m_{210}^{(00)}m_{003}^{(21)} - m_{000}^{(20)}m_{010}^{(11)}m_{210}^{(10)}m_{102}^{(22)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{210}^{(10)}m_{003}^{(20)} + m_{000}^{(20)}m_{010}^{(11)}m_{210}^{(20)}m_{102}^{(21)} - m_{000}^{(20)}m_{010}^{(11)}m_{210}^{(20)}m_{003}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{210}^{(21)}m_{102}^{(20)} + m_{000}^{(20)}m_{010}^{(11)}m_{210}^{(21)}m_{003}^{(00)} - m_{000}^{(20)}m_{010}^{(11)}m_{210}^{(22)}m_{102}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(00)}m_{012}^{(21)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(00)}m_{003}^{(11)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(10)}m_{111}^{(22)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(10)}m_{012}^{(20)} + 4m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(10)}m_{003}^{(10)} - 4m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(11)}m_{201}^{(22)}\\
&-2m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(11)}m_{003}^{(00)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(20)}m_{111}^{(21)} - m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(20)}m_{012}^{(10)}\\
&+4m_{000}^{(20)}m_{010}^{(11)}(m_{201}^{(21)})^2 - 2m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(21)}m_{111}^{(20)} + m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(21)}m_{012}^{(00)}\\
&+2m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(22)}m_{111}^{(10)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{111}^{(00)}m_{102}^{(21)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{111}^{(10)}m_{102}^{(20)}\\
&+2m_{000}^{(20)}m_{010}^{(11)}m_{111}^{(20)}m_{102}^{(10)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{111}^{(21)}m_{102}^{(00)} + 4m_{000}^{(20)}m_{010}^{(11)}m_{102}^{(00)}m_{102}^{(11)}\\
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&+2m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(20)}m_{021}^{(21)} - 8m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(21)}m_{111}^{(21)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(21)}m_{021}^{(20)}\\
&+4m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(22)}m_{111}^{(11)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(22)}m_{021}^{(10)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(10)}m_{030}^{(22)}\\
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&-2m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(21)}m_{030}^{(20)} - 4m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(22)}m_{120}^{(11)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(22)}m_{030}^{(10)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(00)}m_{012}^{(21)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(10)}m_{012}^{(20)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(20)}m_{012}^{(10)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(21)}m_{012}^{(00)} - 4m_{000}^{(20)}m_{010}^{(20)}m_{111}^{(00)}m_{012}^{(11)} + 8m_{000}^{(20)}m_{010}^{(20)}m_{111}^{(10)}m_{012}^{(10)}\\
&-4m_{000}^{(20)}m_{010}^{(20)}m_{111}^{(11)}m_{012}^{(00)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{102}^{(00)}m_{030}^{(21)} + 4m_{000}^{(20)}m_{010}^{(20)}m_{102}^{(00)}m_{021}^{(11)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{102}^{(10)}m_{030}^{(20)} - 8m_{000}^{(20)}m_{010}^{(20)}m_{102}^{(10)}m_{021}^{(10)} + 4m_{000}^{(20)}m_{010}^{(20)}m_{102}^{(11)}m_{021}^{(00)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{102}^{(20)}m_{030}^{(10)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{102}^{(21)}m_{030}^{(00)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(10)}m_{021}^{(22)}\\
&-4m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(11)}m_{111}^{(22)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(20)}m_{021}^{(21)} + 8m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(21)}m_{111}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(21)}m_{021}^{(20)} - 4m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(22)}m_{111}^{(11)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(22)}m_{021}^{(10)}\\
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&+4m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(22)}m_{201}^{(11)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(00)}m_{021}^{(21)} + 4m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(00)}m_{012}^{(11)}\\
&-2m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(10)}m_{120}^{(22)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(10)}m_{021}^{(20)} - 8m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(10)}m_{012}^{(10)}\\
&+4m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(11)}m_{012}^{(00)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(20)}m_{120}^{(21)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(20)}m_{021}^{(10)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(21)}m_{120}^{(20)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(21)}m_{021}^{(00)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(22)}m_{120}^{(10)}
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&+2m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(00)}m_{102}^{(21)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(10)}m_{102}^{(20)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(20)}m_{102}^{(10)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(21)}m_{102}^{(00)} + 4m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(00)}m_{111}^{(21)} - 4m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(00)}m_{102}^{(11)}\\
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&-m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(10)}m_{021}^{(20)} - 4m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(11)}m_{210}^{(22)} - m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(20)}m_{120}^{(21)}\\
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&+m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(21)}m_{021}^{(00)} + m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(22)}m_{120}^{(10)} + m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(00)}m_{030}^{(21)}\\
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&+2m_{000}^{(20)}m_{001}^{(00)}m_{111}^{(20)}m_{021}^{(11)} - 2m_{000}^{(20)}m_{001}^{(00)}m_{111}^{(21)}m_{021}^{(10)} + m_{000}^{(20)}m_{001}^{(00)}m_{102}^{(10)}m_{030}^{(21)}\\
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&-2m_{000}^{(20)}m_{001}^{(00)}m_{030}^{(00)}m_{012}^{(21)} + m_{000}^{(20)}m_{001}^{(00)}m_{030}^{(00)}m_{003}^{(11)} + 2m_{000}^{(20)}m_{001}^{(00)}m_{030}^{(10)}m_{012}^{(20)}\\
&-2m_{000}^{(20)}m_{001}^{(00)}m_{030}^{(10)}m_{003}^{(10)} + m_{000}^{(20)}m_{001}^{(00)}m_{030}^{(11)}m_{003}^{(00)} + 2m_{000}^{(20)}m_{001}^{(00)}m_{030}^{(20)}m_{012}^{(10)}\\
&-2m_{000}^{(20)}m_{001}^{(00)}m_{030}^{(21)}m_{012}^{(00)} + 4m_{000}^{(20)}m_{001}^{(00)}m_{021}^{(00)}m_{021}^{(21)} - m_{000}^{(20)}m_{001}^{(00)}m_{021}^{(00)}m_{012}^{(11)}\\
&-4m_{000}^{(20)}m_{001}^{(00)}m_{021}^{(10)}m_{021}^{(20)} + 2m_{000}^{(20)}m_{001}^{(00)}m_{021}^{(10)}m_{012}^{(10)} - m_{000}^{(20)}m_{001}^{(00)}m_{021}^{(11)}m_{012}^{(00)}\\
&-2m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(10)}m_{012}^{(21)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(11)}m_{012}^{(20)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(20)}m_{012}^{(11)}\\
&-2m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(21)}m_{012}^{(10)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(10)}m_{021}^{(21)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(11)}m_{021}^{(20)}\\
&-2m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(20)}m_{021}^{(11)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(21)}m_{021}^{(10)} + 4m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(00)}m_{012}^{(21)}\\
&-2m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(00)}m_{003}^{(11)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(10)}m_{102}^{(21)} - 4m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(10)}m_{012}^{(20)}\\
&+4m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(10)}m_{003}^{(10)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(11)}m_{102}^{(20)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(11)}m_{003}^{(00)}\\
&+2m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(20)}m_{102}^{(11)} - 4m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(20)}m_{012}^{(10)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(21)}m_{102}^{(10)}\\
&+4m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(21)}m_{012}^{(00)} - 4m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(00)}m_{021}^{(21)} + 4m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(10)}m_{111}^{(21)}\\
&+4m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(10)}m_{021}^{(20)} - 4m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(11)}m_{111}^{(20)} + 4m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(20)}m_{021}^{(10)}\\
&-4m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(21)}m_{021}^{(00)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{102}^{(00)}m_{021}^{(11)} - 4m_{000}^{(20)}m_{001}^{(10)}m_{102}^{(10)}m_{021}^{(10)}\\
&+2m_{000}^{(20)}m_{001}^{(10)}m_{102}^{(11)}m_{021}^{(00)} + m_{000}^{(20)}m_{001}^{(11)}m_{300}^{(10)}m_{012}^{(21)} - m_{000}^{(20)}m_{001}^{(11)}m_{300}^{(11)}m_{012}^{(20)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{300}^{(20)}m_{012}^{(11)} + m_{000}^{(20)}m_{001}^{(11)}m_{300}^{(21)}m_{012}^{(10)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(00)}m_{012}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(00)}m_{003}^{(11)} + m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(10)}m_{102}^{(21)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(10)}m_{012}^{(20)}\\
&-2m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(10)}m_{003}^{(10)} - m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(11)}m_{102}^{(20)} + m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(11)}m_{003}^{(00)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(20)}m_{102}^{(11)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(20)}m_{012}^{(10)} + m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(21)}m_{102}^{(10)}\\
&-2m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(21)}m_{012}^{(00)} + m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(00)}m_{012}^{(11)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(10)}m_{111}^{(21)}\\
&-2m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(10)}m_{012}^{(10)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(11)}m_{111}^{(20)} + m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(11)}m_{012}^{(00)}\\
&+2m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(20)}m_{111}^{(11)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(21)}m_{111}^{(10)} + 4m_{000}^{(20)}m_{001}^{(11)}m_{111}^{(00)}m_{111}^{(21)}
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&-2m_{000}^{(20)}m_{001}^{(11)}m_{111}^{(00)}m_{102}^{(11)} - 4m_{000}^{(20)}m_{001}^{(11)}m_{111}^{(10)}m_{111}^{(20)} + 4m_{000}^{(20)}m_{001}^{(11)}m_{111}^{(10)}m_{102}^{(10)}\\
&-2m_{000}^{(20)}m_{001}^{(11)}m_{111}^{(11)}m_{102}^{(00)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(10)}m_{021}^{(21)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(11)}m_{021}^{(20)}\\
&-2m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(20)}m_{021}^{(11)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(21)}m_{021}^{(10)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{201}^{(10)}m_{030}^{(21)}\\
&+2m_{000}^{(20)}m_{001}^{(20)}m_{201}^{(11)}m_{030}^{(20)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{201}^{(20)}m_{030}^{(11)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{201}^{(21)}m_{030}^{(10)}\\
&-4m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(00)}m_{021}^{(21)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(00)}m_{012}^{(11)} + 4m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(10)}m_{021}^{(20)}\\
&-4m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(10)}m_{012}^{(10)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(11)}m_{012}^{(00)} + 4m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(20)}m_{021}^{(10)}\\
&-4m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(21)}m_{021}^{(00)} + 4m_{000}^{(20)}m_{001}^{(20)}m_{111}^{(00)}m_{030}^{(21)} - 4m_{000}^{(20)}m_{001}^{(20)}m_{111}^{(10)}m_{030}^{(20)}\\
&-4m_{000}^{(20)}m_{001}^{(20)}m_{111}^{(20)}m_{030}^{(10)} + 4m_{000}^{(20)}m_{001}^{(20)}m_{111}^{(21)}m_{030}^{(00)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{102}^{(00)}m_{030}^{(11)}\\
&+4m_{000}^{(20)}m_{001}^{(20)}m_{102}^{(10)}m_{030}^{(10)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{102}^{(11)}m_{030}^{(00)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(10)}m_{021}^{(21)}\\
&+2m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(11)}m_{021}^{(20)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(20)}m_{021}^{(11)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(21)}m_{021}^{(10)}\\
&+4m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(00)}m_{021}^{(21)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(00)}m_{012}^{(11)} - 4m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(10)}m_{021}^{(20)}\\
&+4m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(10)}m_{012}^{(10)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(11)}m_{012}^{(00)} - 4m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(20)}m_{021}^{(10)}\\
&+4m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(21)}m_{021}^{(00)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(00)}m_{021}^{(11)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(10)}m_{120}^{(21)}\\
&+4m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(10)}m_{021}^{(10)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(11)}m_{120}^{(20)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(11)}m_{021}^{(00)}\\
&-2m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(20)}m_{120}^{(11)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(21)}m_{120}^{(10)} - 4m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(00)}m_{111}^{(21)}\\
&+2m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(00)}m_{102}^{(11)} + 4m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(10)}m_{111}^{(20)} - 4m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(10)}m_{102}^{(10)}\\
&+2m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(11)}m_{102}^{(00)} + 4m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(20)}m_{111}^{(10)} - 4m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(21)}m_{111}^{(00)}\\
&+4m_{000}^{(20)}m_{001}^{(21)}m_{111}^{(00)}m_{111}^{(11)} - 4m_{000}^{(20)}m_{001}^{(21)}(m_{111}^{(10)})^2 + m_{000}^{(20)}m_{001}^{(22)}m_{300}^{(10)}m_{030}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(22)}m_{300}^{(11)}m_{030}^{(20)} - m_{000}^{(20)}m_{001}^{(22)}m_{300}^{(20)}m_{030}^{(11)} + m_{000}^{(20)}m_{001}^{(22)}m_{300}^{(21)}m_{030}^{(10)}\\
&-2m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(00)}m_{030}^{(21)} + m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(00)}m_{021}^{(11)} - m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(10)}m_{120}^{(21)}\\
&+2m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(10)}m_{030}^{(20)} - 2m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(10)}m_{021}^{(10)} + m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(11)}m_{120}^{(20)}\\
&+m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(11)}m_{021}^{(00)} + m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(20)}m_{120}^{(11)} + 2m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(20)}m_{030}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(21)}m_{120}^{(10)} - 2m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(21)}m_{030}^{(00)} + m_{000}^{(20)}m_{001}^{(22)}m_{201}^{(00)}m_{030}^{(11)}\\
&-2m_{000}^{(20)}m_{001}^{(22)}m_{201}^{(10)}m_{030}^{(10)} + m_{000}^{(20)}m_{001}^{(22)}m_{201}^{(11)}m_{030}^{(00)} + 4m_{000}^{(20)}m_{001}^{(22)}m_{120}^{(00)}m_{120}^{(21)}\\
&-2m_{000}^{(20)}m_{001}^{(22)}m_{120}^{(00)}m_{111}^{(11)} - 4m_{000}^{(20)}m_{001}^{(22)}m_{120}^{(10)}m_{120}^{(20)} + 4m_{000}^{(20)}m_{001}^{(22)}m_{120}^{(10)}m_{111}^{(10)}\\
&-2m_{000}^{(20)}m_{001}^{(22)}m_{120}^{(11)}m_{111}^{(00)} + m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(10)}m_{012}^{(22)} + m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(10)}m_{003}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(11)}m_{003}^{(20)} - m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(20)}m_{012}^{(21)} - m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(20)}m_{003}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(21)}m_{012}^{(20)} + m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(21)}m_{003}^{(10)} + m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(22)}m_{012}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(10)}m_{021}^{(22)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(10)}m_{012}^{(21)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(11)}m_{012}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(20)}m_{021}^{(21)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(20)}m_{012}^{(11)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(21)}m_{021}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(21)}m_{012}^{(10)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(22)}m_{021}^{(10)} + m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(10)}m_{030}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(10)}m_{021}^{(21)} - m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(11)}m_{021}^{(20)} - m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(20)}m_{030}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(20)}m_{021}^{(11)} - m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(21)}m_{030}^{(20)} + m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(21)}m_{021}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(22)}m_{030}^{(10)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{030}^{(00)}m_{012}^{(22)} + 4m_{000}^{(21)}m_{100}^{(00)}m_{030}^{(20)}m_{012}^{(20)}\\
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&-4m_{000}^{(21)}m_{100}^{(00)}m_{021}^{(10)}m_{003}^{(10)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{021}^{(11)}m_{003}^{(00)} - 4m_{000}^{(21)}m_{100}^{(00)}(m_{021}^{(20)})^2\\
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&-2m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(10)}m_{003}^{(21)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(11)}m_{003}^{(20)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(20)}m_{012}^{(21)}
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&+2m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(20)}m_{003}^{(11)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(21)}m_{012}^{(20)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(21)}m_{003}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(22)}m_{012}^{(10)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(10)}m_{021}^{(22)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(10)}m_{012}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(11)}m_{012}^{(20)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(20)}m_{021}^{(21)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(20)}m_{012}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(21)}m_{021}^{(20)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(21)}m_{012}^{(10)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(22)}m_{021}^{(10)}\\
&+4m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(00)}m_{012}^{(22)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(10)}m_{102}^{(22)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(20)}m_{102}^{(21)}\\
&-8m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(20)}m_{012}^{(20)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(21)}m_{102}^{(20)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(22)}m_{102}^{(10)}\\
&+4m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(22)}m_{012}^{(00)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(00)}m_{021}^{(22)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(00)}m_{003}^{(11)}\\
&+4m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(10)}m_{111}^{(22)} + 8m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(10)}m_{003}^{(10)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(11)}m_{003}^{(00)}\\
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&+m_{000}^{(21)}m_{100}^{(11)}m_{300}^{(10)}m_{012}^{(22)} + m_{000}^{(21)}m_{100}^{(11)}m_{300}^{(10)}m_{003}^{(21)} - m_{000}^{(21)}m_{100}^{(11)}m_{300}^{(11)}m_{003}^{(20)}\\
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&+m_{000}^{(21)}m_{100}^{(11)}m_{300}^{(21)}m_{003}^{(10)} + m_{000}^{(21)}m_{100}^{(11)}m_{300}^{(22)}m_{012}^{(10)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(00)}m_{012}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(10)}m_{102}^{(22)} - m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(20)}m_{102}^{(21)} + 4m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(20)}m_{012}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(21)}m_{102}^{(20)} + m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(22)}m_{102}^{(10)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(22)}m_{012}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(00)}m_{003}^{(11)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(10)}m_{111}^{(22)} - m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(10)}m_{102}^{(21)}\\
&-4m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(10)}m_{003}^{(10)} + m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(11)}m_{102}^{(20)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(11)}m_{003}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(20)}m_{111}^{(21)} + m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(20)}m_{102}^{(11)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(21)}m_{111}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(21)}m_{102}^{(10)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(22)}m_{111}^{(10)} + 4m_{000}^{(21)}m_{100}^{(11)}m_{111}^{(00)}m_{111}^{(22)}\\
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&+2m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(10)}m_{021}^{(22)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(10)}m_{012}^{(21)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(11)}m_{012}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(20)}m_{021}^{(21)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(20)}m_{012}^{(11)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(21)}m_{021}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(21)}m_{012}^{(10)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(22)}m_{021}^{(10)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(10)}m_{030}^{(22)}\\
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&+2m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(20)}m_{021}^{(11)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(21)}m_{030}^{(20)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(21)}m_{021}^{(10)}\\
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&+2m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(11)}m_{102}^{(20)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(20)}m_{102}^{(11)} + 8m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(20)}m_{021}^{(20)}\\
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&-4m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(11)}m_{111}^{(20)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(11)}m_{012}^{(00)} - 8m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(20)}m_{030}^{(20)}\\
&+4m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(22)}m_{030}^{(00)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{102}^{(00)}m_{021}^{(11)} + 8m_{000}^{(21)}m_{100}^{(20)}m_{102}^{(10)}m_{021}^{(10)}\\
&-4m_{000}^{(21)}m_{100}^{(20)}m_{102}^{(11)}m_{021}^{(00)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(10)}m_{021}^{(22)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(10)}m_{012}^{(21)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(11)}m_{012}^{(20)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(20)}m_{021}^{(21)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(20)}m_{012}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(21)}m_{021}^{(20)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(21)}m_{012}^{(10)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(22)}m_{021}^{(10)}\\
&+4m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(00)}m_{021}^{(22)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(10)}m_{102}^{(21)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(11)}m_{102}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(20)}m_{102}^{(11)} - 8m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(20)}m_{021}^{(20)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(21)}m_{102}^{(10)}\\
&+4m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(22)}m_{021}^{(00)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(00)}m_{012}^{(11)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(10)}m_{120}^{(22)}\\
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&-2m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(21)}m_{120}^{(20)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(22)}m_{120}^{(10)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{120}^{(00)}m_{111}^{(22)}\\
&+8m_{000}^{(21)}m_{100}^{(21)}m_{120}^{(20)}m_{111}^{(20)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{120}^{(22)}m_{111}^{(00)} + 4m_{000}^{(21)}m_{100}^{(21)}m_{111}^{(00)}m_{102}^{(11)}\\
&-8m_{000}^{(21)}m_{100}^{(21)}m_{111}^{(10)}m_{102}^{(10)} + 4m_{000}^{(21)}m_{100}^{(21)}m_{111}^{(11)}m_{102}^{(00)} + m_{000}^{(21)}m_{100}^{(22)}m_{300}^{(10)}m_{030}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{300}^{(10)}m_{021}^{(21)} - m_{000}^{(21)}m_{100}^{(22)}m_{300}^{(11)}m_{021}^{(20)} - m_{000}^{(21)}m_{100}^{(22)}m_{300}^{(20)}m_{030}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{300}^{(20)}m_{021}^{(11)} - m_{000}^{(21)}m_{100}^{(22)}m_{300}^{(21)}m_{030}^{(20)} + m_{000}^{(21)}m_{100}^{(22)}m_{300}^{(21)}m_{021}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{300}^{(22)}m_{030}^{(10)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(00)}m_{030}^{(22)} - m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(10)}m_{120}^{(22)}\\
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&+2m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(20)}m_{111}^{(11)} + 4m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(20)}m_{030}^{(20)} + m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(21)}m_{120}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(21)}m_{111}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(22)}m_{120}^{(10)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(22)}m_{030}^{(00)}\\
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&-m_{000}^{(21)}m_{010}^{(11)}m_{300}^{(00)}m_{003}^{(21)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{300}^{(10)}m_{102}^{(22)} + m_{000}^{(21)}m_{010}^{(11)}m_{300}^{(10)}m_{003}^{(20)}\\
&+2m_{000}^{(21)}m_{010}^{(11)}m_{300}^{(20)}m_{102}^{(21)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{300}^{(20)}m_{012}^{(20)} + m_{000}^{(21)}m_{010}^{(11)}m_{300}^{(20)}m_{003}^{(10)}\\
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&-2m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(10)}m_{021}^{(20)} - 4m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(20)}m_{120}^{(21)} + 4m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(20)}m_{030}^{(20)}\\
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&+2m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(00)}m_{111}^{(21)} + 4m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(10)}m_{210}^{(22)} - 2m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(10)}m_{111}^{(20)}\\
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&+2m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(10)}m_{012}^{(20)} - 4m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(10)}m_{003}^{(10)} - 4m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(11)}m_{102}^{(20)}\\
&+2m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(11)}m_{003}^{(00)} - 4m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(20)}m_{102}^{(11)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(20)}m_{012}^{(10)}\\
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&+4m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(10)}m_{012}^{(10)} + 4m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(11)}m_{111}^{(20)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(11)}m_{012}^{(00)}\\
&+4m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(20)}m_{111}^{(11)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(20)}m_{021}^{(10)} - 4m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(21)}m_{111}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(21)}m_{021}^{(00)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{120}^{(00)}m_{102}^{(21)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{120}^{(10)}m_{102}^{(20)}\\
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&+2m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(11)}m_{021}^{(00)} - 4m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(20)}m_{120}^{(11)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(20)}m_{030}^{(10)}\\
&+4m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(21)}m_{120}^{(10)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(21)}m_{030}^{(00)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(00)}m_{102}^{(11)}\\
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&+2m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(20)}m_{021}^{(10)} + 4m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(21)}m_{111}^{(10)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(21)}m_{021}^{(00)}\\
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&+4m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(11)}m_{201}^{(20)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(11)}m_{102}^{(00)} + 4m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(20)}m_{201}^{(11)}\\
&-4m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(21)}m_{201}^{(10)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{201}^{(00)}m_{120}^{(21)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{201}^{(10)}m_{120}^{(20)}\\
&-2m_{000}^{(21)}m_{001}^{(21)}m_{201}^{(20)}m_{120}^{(10)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{201}^{(21)}m_{120}^{(00)} + m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(00)}m_{030}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(00)}m_{021}^{(11)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(10)}m_{120}^{(21)} - m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(10)}m_{030}^{(20)}\\
&+2m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(10)}m_{021}^{(10)} + 2m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(11)}m_{120}^{(20)} - m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(11)}m_{021}^{(00)}\\
&+2m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(20)}m_{120}^{(11)} - m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(20)}m_{030}^{(10)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(21)}m_{120}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(21)}m_{030}^{(00)} - m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(00)}m_{120}^{(21)} + 2m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(00)}m_{111}^{(11)}\\
&+4m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(10)}m_{210}^{(21)} + m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(10)}m_{120}^{(20)} - 4m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(10)}m_{111}^{(10)}\\
&-4m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(11)}m_{210}^{(20)} + 2m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(11)}m_{111}^{(00)} + m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(20)}m_{120}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(21)}m_{120}^{(00)} - m_{000}^{(21)}m_{001}^{(22)}m_{201}^{(00)}m_{120}^{(11)} + 2m_{000}^{(21)}m_{001}^{(22)}m_{201}^{(10)}m_{120}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(22)}m_{201}^{(11)}m_{120}^{(00)} - m_{000}^{(22)}m_{100}^{(00)}m_{120}^{(10)}m_{012}^{(21)} + m_{000}^{(22)}m_{100}^{(00)}m_{120}^{(11)}m_{012}^{(20)}
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&-2m_{000}^{(22)}m_{100}^{(00)}m_{111}^{(11)}m_{021}^{(20)} - 2m_{000}^{(22)}m_{100}^{(00)}m_{111}^{(20)}m_{021}^{(11)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{111}^{(21)}m_{021}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{102}^{(10)}m_{030}^{(21)} + m_{000}^{(22)}m_{100}^{(00)}m_{102}^{(11)}m_{030}^{(20)} + m_{000}^{(22)}m_{100}^{(00)}m_{102}^{(20)}m_{030}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{102}^{(21)}m_{030}^{(10)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{030}^{(00)}m_{012}^{(21)} - m_{000}^{(22)}m_{100}^{(00)}m_{030}^{(00)}m_{003}^{(11)}\\
&-2m_{000}^{(22)}m_{100}^{(00)}m_{030}^{(10)}m_{012}^{(20)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{030}^{(10)}m_{003}^{(10)} - m_{000}^{(22)}m_{100}^{(00)}m_{030}^{(11)}m_{003}^{(00)}\\
&-2m_{000}^{(22)}m_{100}^{(00)}m_{030}^{(20)}m_{012}^{(10)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{030}^{(21)}m_{012}^{(00)} - 4m_{000}^{(22)}m_{100}^{(00)}m_{021}^{(00)}m_{021}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{021}^{(00)}m_{012}^{(11)} + 4m_{000}^{(22)}m_{100}^{(00)}m_{021}^{(10)}m_{021}^{(20)} - 2m_{000}^{(22)}m_{100}^{(00)}m_{021}^{(10)}m_{012}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{021}^{(11)}m_{012}^{(00)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(10)}m_{012}^{(21)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(11)}m_{012}^{(20)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(20)}m_{012}^{(11)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(21)}m_{012}^{(10)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(10)}m_{021}^{(21)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(11)}m_{021}^{(20)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(20)}m_{021}^{(11)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(21)}m_{021}^{(10)}\\
&-4m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(00)}m_{012}^{(21)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(00)}m_{003}^{(11)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(10)}m_{102}^{(21)}\\
&+4m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(10)}m_{012}^{(20)} - 4m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(10)}m_{003}^{(10)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(11)}m_{102}^{(20)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(11)}m_{003}^{(00)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(20)}m_{102}^{(11)} + 4m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(20)}m_{012}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(21)}m_{102}^{(10)} - 4m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(21)}m_{012}^{(00)} + 4m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(00)}m_{021}^{(21)}\\
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&+4m_{000}^{(22)}m_{100}^{(10)}m_{102}^{(10)}m_{021}^{(10)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{102}^{(11)}m_{021}^{(00)} - m_{000}^{(22)}m_{100}^{(11)}m_{300}^{(10)}m_{012}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{300}^{(11)}m_{012}^{(20)} + m_{000}^{(22)}m_{100}^{(11)}m_{300}^{(20)}m_{012}^{(11)} - m_{000}^{(22)}m_{100}^{(11)}m_{300}^{(21)}m_{012}^{(10)}\\
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&-m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(11)}m_{003}^{(00)} + m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(20)}m_{102}^{(11)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(20)}m_{012}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(21)}m_{102}^{(10)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(21)}m_{012}^{(00)} - m_{000}^{(22)}m_{100}^{(11)}m_{201}^{(00)}m_{012}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(11)}m_{201}^{(10)}m_{111}^{(21)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{201}^{(10)}m_{012}^{(10)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{201}^{(11)}m_{111}^{(20)}\\
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&-4m_{000}^{(22)}m_{100}^{(11)}m_{111}^{(00)}m_{111}^{(21)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{111}^{(00)}m_{102}^{(11)} + 4m_{000}^{(22)}m_{100}^{(11)}m_{111}^{(10)}m_{111}^{(20)}\\
&-4m_{000}^{(22)}m_{100}^{(11)}m_{111}^{(10)}m_{102}^{(10)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{111}^{(00)}m_{102}^{(00)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(10)}m_{210}^{(21)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(20)}m_{210}^{(11)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(21)}m_{210}^{(10)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(21)}m_{201}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{201}^{(11)}m_{030}^{(20)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{201}^{(20)}m_{030}^{(11)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{201}^{(21)}m_{030}^{(10)}\\
&+4m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(00)}m_{021}^{(21)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(00)}m_{012}^{(11)} - 4m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(10)}m_{021}^{(20)}\\
&+4m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(10)}m_{012}^{(10)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(11)}m_{012}^{(00)} - 4m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(20)}m_{021}^{(10)}\\
&+4m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(21)}m_{021}^{(00)} - 4m_{000}^{(22)}m_{100}^{(20)}m_{111}^{(00)}m_{030}^{(21)} + 4m_{000}^{(22)}m_{100}^{(20)}m_{111}^{(10)}m_{030}^{(20)}\\
&+4m_{000}^{(22)}m_{100}^{(20)}m_{111}^{(20)}m_{030}^{(10)} - 4m_{000}^{(22)}m_{100}^{(20)}m_{111}^{(21)}m_{030}^{(00)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{102}^{(00)}m_{030}^{(11)}\\
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&-4m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(00)}m_{021}^{(21)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(00)}m_{012}^{(11)} + 4m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(10)}m_{021}^{(20)}\\
&+4m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(20)}m_{021}^{(10)} - 4m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(21)}m_{021}^{(00)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(00)}m_{021}^{(11)}\\
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&+2m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(11)}m_{021}^{(00)}+2m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(20)}m_{120}^{(11)}-2m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(21)}m_{120}^{(10)}\\
&+4m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(00)}m_{111}^{(21)}-2m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(00)}m_{102}^{(11)}-4m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(10)}m_{111}^{(20)}\\
&+4m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(10)}m_{102}^{(10)}-2m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(11)}m_{102}^{(00)}-4m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(20)}m_{111}^{(10)}\\
&+4m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(21)}m_{111}^{(00)}-4m_{000}^{(22)}m_{100}^{(21)}m_{111}^{(00)}m_{111}^{(11)}+4m_{000}^{(22)}m_{100}^{(21)}(m_{111}^{(10)})^2\\
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&+4m_{000}^{(22)}m_{010}^{(00)}m_{111}^{(11)}m_{111}^{(20)}-2m_{000}^{(22)}m_{010}^{(00)}m_{111}^{(11)}m_{012}^{(00)}-2m_{000}^{(22)}m_{010}^{(00)}m_{111}^{(20)}m_{021}^{(10)}\\
&+2m_{000}^{(22)}m_{010}^{(00)}m_{111}^{(21)}m_{021}^{(00)}-m_{000}^{(22)}m_{010}^{(00)}m_{102}^{(00)}m_{030}^{(21)}+m_{000}^{(22)}m_{010}^{(00)}m_{102}^{(00)}m_{021}^{(11)}\\
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&-2m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(00)}m_{003}^{(11)}-4m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(10)}m_{102}^{(21)}-2m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(10)}m_{012}^{(20)}\\
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&+4m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(20)}m_{102}^{(11)}-2m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(20)}m_{012}^{(10)}-4m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(21)}m_{102}^{(10)}\\
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&+4m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(10)}m_{111}^{(21)}+2m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(10)}m_{021}^{(20)}-4m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(10)}m_{012}^{(10)}\\
&-4m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(11)}m_{111}^{(20)}+2m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(11)}m_{012}^{(00)}-4m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(20)}m_{111}^{(11)}\\
&+2m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(20)}m_{021}^{(10)}+4m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(21)}m_{111}^{(10)}-2m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(21)}m_{021}^{(00)}\\
&+2m_{000}^{(22)}m_{010}^{(10)}m_{120}^{(00)}m_{102}^{(21)}-2m_{000}^{(22)}m_{010}^{(10)}m_{120}^{(10)}m_{102}^{(20)}-2m_{000}^{(22)}m_{010}^{(10)}m_{120}^{(20)}m_{102}^{(10)}\\
&+2m_{000}^{(22)}m_{010}^{(10)}m_{120}^{(21)}m_{102}^{(00)}-4m_{000}^{(22)}m_{010}^{(10)}m_{111}^{(00)}m_{111}^{(21)}+4m_{000}^{(22)}m_{010}^{(10)}m_{111}^{(10)}m_{111}^{(20)}\\
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&+m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(11)}m_{003}^{(00)}-2m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(20)}m_{102}^{(11)}+m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(20)}m_{012}^{(10)}\\
&+2m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(21)}m_{102}^{(10)}-m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(21)}m_{012}^{(00)}-m_{000}^{(22)}m_{010}^{(11)}m_{210}^{(00)}m_{102}^{(21)}\\
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&+2m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(10)}m_{021}^{(20)} - 4m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(10)}m_{012}^{(10)} - 4m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(11)}m_{111}^{(20)}\\
&+2m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(11)}m_{012}^{(00)} - 4m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(20)}m_{111}^{(11)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(20)}m_{021}^{(10)}\\
&+4m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(21)}m_{111}^{(10)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(21)}m_{021}^{(00)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(00)}m_{030}^{(21)}\\
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&+4m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(10)}m_{021}^{(10)} + 4m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(11)}m_{120}^{(20)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(11)}m_{021}^{(00)}\\
&+4m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(20)}m_{120}^{(11)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(20)}m_{030}^{(10)} - 4m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(21)}m_{120}^{(10)}\\
&+2m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(21)}m_{030}^{(00)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(00)}m_{102}^{(11)} + 4m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(10)}m_{102}^{(10)}\\
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&+2m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(00)}m_{021}^{(21)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(00)}m_{012}^{(11)} - 4m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(10)}m_{111}^{(21)}\\
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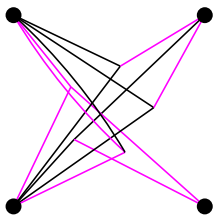
&-2m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(11)}m_{012}^{(00)} + 4m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(20)}m_{111}^{(11)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(20)}m_{021}^{(10)}\\
&-4m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(21)}m_{111}^{(10)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(21)}m_{021}^{(00)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(00)}m_{102}^{(11)}\\
&+4m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(10)}m_{201}^{(21)} - 4m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(10)}m_{102}^{(10)} - 4m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(11)}m_{201}^{(20)}\\
&+2m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(11)}m_{102}^{(00)} - 4m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(20)}m_{201}^{(11)} + 4m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(21)}m_{201}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(00)}m_{120}^{(21)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(10)}m_{120}^{(20)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(20)}m_{120}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(21)}m_{120}^{(00)} - m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(00)}m_{030}^{(21)} + m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(00)}m_{021}^{(11)}\\
&+2m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(10)}m_{120}^{(21)} + m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(10)}m_{030}^{(20)} - 2m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(10)}m_{021}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(11)}m_{120}^{(20)} + m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(11)}m_{021}^{(00)} - 2m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(20)}m_{120}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(20)}m_{030}^{(10)} + 2m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(21)}m_{120}^{(10)} - m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(21)}m_{030}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(00)}m_{120}^{(21)} - 2m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(00)}m_{111}^{(11)} - 4m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(10)}m_{210}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(10)}m_{120}^{(20)} + 4m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(10)}m_{111}^{(10)} + 4m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(11)}m_{210}^{(20)}\\
&-2m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(11)}m_{111}^{(00)} - m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(20)}m_{120}^{(10)} + m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(21)}m_{120}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(22)}m_{201}^{(00)}m_{120}^{(11)} - 2m_{000}^{(22)}m_{010}^{(22)}m_{201}^{(10)}m_{120}^{(10)} + m_{000}^{(22)}m_{010}^{(22)}m_{201}^{(11)}m_{120}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{rrrrr}
V1 & 1 & 1 & V1 & 1\\
V2 & 2 & 2 & V2 & 3\\
2 & V3 & V3 & V4 & V4
\end{array}
$$



$$
\begin{aligned}
T_{109} \;=\;& m_{000}^{(00)} m_{010}^{(00)} m_{120}^{(11)} m_{003}^{(22)} - m_{000}^{(00)} m_{010}^{(00)} m_{120}^{(21)} m_{012}^{(22)} - m_{000}^{(00)} m_{010}^{(00)} m_{120}^{(21)} m_{003}^{(21)} \\
&+ m_{000}^{(00)} m_{010}^{(00)} m_{120}^{(22)} m_{012}^{(21)} - 2 m_{000}^{(00)} m_{010}^{(00)} m_{111}^{(11)} m_{012}^{(22)} + 2 m_{000}^{(00)} m_{010}^{(00)} m_{111}^{(21)} m_{021}^{(22)} \\
&+ 2 m_{000}^{(00)} m_{010}^{(00)} m_{111}^{(21)} m_{012}^{(21)} - 2 m_{000}^{(00)} m_{010}^{(00)} m_{111}^{(22)} m_{021}^{(21)} + m_{000}^{(00)} m_{010}^{(00)} m_{102}^{(11)} m_{021}^{(22)} \\
&- m_{000}^{(00)} m_{010}^{(00)} m_{102}^{(21)} m_{030}^{(22)} - m_{000}^{(00)} m_{010}^{(00)} m_{102}^{(21)} m_{021}^{(21)} + m_{000}^{(00)} m_{010}^{(00)} m_{102}^{(22)} m_{030}^{(21)} \\
&- m_{000}^{(00)} m_{010}^{(00)} m_{030}^{(10)} m_{003}^{(22)} + m_{000}^{(00)} m_{010}^{(00)} m_{030}^{(20)} m_{003}^{(21)} + 2 m_{000}^{(00)} m_{010}^{(00)} m_{021}^{(10)} m_{012}^{(22)} \\
&+ m_{000}^{(00)} m_{010}^{(00)} m_{021}^{(10)} m_{003}^{(21)} - m_{000}^{(00)} m_{010}^{(00)} m_{021}^{(11)} m_{003}^{(20)} - 2 m_{000}^{(00)} m_{010}^{(00)} m_{021}^{(20)} m_{012}^{(21)} \\
&- m_{000}^{(00)} m_{010}^{(00)} m_{021}^{(20)} m_{003}^{(11)} + m_{000}^{(00)} m_{010}^{(00)} m_{021}^{(21)} m_{012}^{(20)} + m_{000}^{(00)} m_{010}^{(00)} m_{021}^{(21)} m_{003}^{(10)} \\
&- m_{000}^{(00)} m_{010}^{(00)} m_{021}^{(22)} m_{012}^{(10)} - 2 m_{000}^{(00)} m_{010}^{(00)} m_{012}^{(10)} m_{012}^{(21)} + 2 m_{000}^{(00)} m_{010}^{(00)} m_{012}^{(11)} m_{012}^{(20)} \\
&- 2 m_{000}^{(00)} m_{010}^{(10)} m_{210}^{(11)} m_{003}^{(22)} + 2 m_{000}^{(00)} m_{010}^{(10)} m_{210}^{(21)} m_{012}^{(22)} + 2 m_{000}^{(00)} m_{010}^{(10)} m_{210}^{(21)} m_{003}^{(21)} \\
&- 2 m_{000}^{(00)} m_{010}^{(10)} m_{210}^{(22)} m_{012}^{(21)} + 2 m_{000}^{(00)} m_{010}^{(10)} m_{201}^{(11)} m_{012}^{(22)} - 2 m_{000}^{(00)} m_{010}^{(10)} m_{201}^{(21)} m_{021}^{(22)} \\
&- 2 m_{000}^{(00)} m_{010}^{(10)} m_{201}^{(21)} m_{012}^{(21)} + 2 m_{000}^{(00)} m_{010}^{(10)} m_{201}^{(22)} m_{021}^{(21)} + 2 m_{000}^{(00)} m_{010}^{(10)} m_{120}^{(10)} m_{003}^{(22)} \\
&- 2 m_{000}^{(00)} m_{010}^{(10)} m_{120}^{(20)} m_{003}^{(21)} - 2 m_{000}^{(00)} m_{010}^{(10)} m_{120}^{(21)} m_{102}^{(22)} + 2 m_{000}^{(00)} m_{010}^{(10)} m_{120}^{(22)} m_{102}^{(21)} \\
&- 2 m_{000}^{(00)} m_{010}^{(10)} m_{111}^{(10)} m_{012}^{(22)} - 2 m_{000}^{(00)} m_{010}^{(10)} m_{111}^{(10)} m_{003}^{(21)} + 2 m_{000}^{(00)} m_{010}^{(10)} m_{111}^{(11)} m_{102}^{(22)} \\
&+ 2 m_{000}^{(00)} m_{010}^{(10)} m_{111}^{(11)} m_{003}^{(20)} + 2 m_{000}^{(00)} m_{010}^{(10)} m_{111}^{(20)} m_{012}^{(21)} + 2 m_{000}^{(00)} m_{010}^{(10)} m_{111}^{(20)} m_{003}^{(11)} \\
&- 2 m_{000}^{(00)} m_{010}^{(10)} m_{111}^{(21)} m_{012}^{(20)} - 2 m_{000}^{(00)} m_{010}^{(10)} m_{111}^{(21)} m_{003}^{(10)} - 2 m_{000}^{(00)} m_{010}^{(10)} m_{111}^{(22)} m_{102}^{(11)} \\
&+ 2 m_{000}^{(00)} m_{010}^{(10)} m_{111}^{(22)} m_{012}^{(10)} + 2 m_{000}^{(00)} m_{010}^{(10)} m_{102}^{(10)} m_{012}^{(21)} - 2 m_{000}^{(00)} m_{010}^{(10)} m_{102}^{(11)} m_{012}^{(20)} \\
&- 2 m_{000}^{(00)} m_{010}^{(10)} m_{102}^{(20)} m_{012}^{(11)} + 2 m_{000}^{(00)} m_{010}^{(10)} m_{102}^{(21)} m_{021}^{(20)} + 2 m_{000}^{(00)} m_{010}^{(10)} m_{102}^{(21)} m_{012}^{(10)} \\
&- 2 m_{000}^{(00)} m_{010}^{(10)} m_{102}^{(22)} m_{021}^{(10)} + m_{000}^{(00)} m_{010}^{(11)} m_{300}^{(11)} m_{003}^{(22)} - m_{000}^{(00)} m_{010}^{(11)} m_{300}^{(21)} m_{012}^{(22)} \\
&- m_{000}^{(00)} m_{010}^{(11)} m_{300}^{(21)} m_{003}^{(21)} + m_{000}^{(00)} m_{010}^{(11)} m_{300}^{(22)} m_{012}^{(21)} - m_{000}^{(00)} m_{010}^{(11)} m_{210}^{(10)} m_{003}^{(22)} \\
&+ m_{000}^{(00)} m_{010}^{(11)} m_{210}^{(20)} m_{003}^{(21)} + m_{000}^{(00)} m_{010}^{(11)} m_{210}^{(21)} m_{102}^{(22)} - m_{000}^{(00)} m_{010}^{(11)} m_{210}^{(22)} m_{102}^{(21)} \\
&+ m_{000}^{(00)} m_{010}^{(11)} m_{201}^{(10)} m_{003}^{(21)} - 2 m_{000}^{(00)} m_{010}^{(11)} m_{201}^{(11)} m_{102}^{(22)} - m_{000}^{(00)} m_{010}^{(11)} m_{201}^{(11)} m_{003}^{(20)} \\
&- m_{000}^{(00)} m_{010}^{(11)} m_{201}^{(20)} m_{003}^{(11)} + 2 m_{000}^{(00)} m_{010}^{(11)} m_{201}^{(21)} m_{111}^{(22)} + m_{000}^{(00)} m_{010}^{(11)} m_{201}^{(21)} m_{102}^{(21)} \\
&+ m_{000}^{(00)} m_{010}^{(11)} m_{201}^{(21)} m_{012}^{(20)} + m_{000}^{(00)} m_{010}^{(11)} m_{201}^{(21)} m_{003}^{(10)} - 2 m_{000}^{(00)} m_{010}^{(11)} m_{201}^{(22)} m_{111}^{(21)} \\
&+ m_{000}^{(00)} m_{010}^{(11)} m_{201}^{(22)} m_{102}^{(11)} - m_{000}^{(00)} m_{010}^{(11)} m_{201}^{(22)} m_{012}^{(10)} + 2 m_{000}^{(00)} m_{010}^{(11)} m_{111}^{(10)} m_{102}^{(22)} \\
&- 2 m_{000}^{(00)} m_{010}^{(11)} m_{111}^{(20)} m_{102}^{(21)} - 2 m_{000}^{(00)} m_{010}^{(11)} m_{102}^{(10)} m_{102}^{(21)} + 2 m_{000}^{(00)} m_{010}^{(11)} m_{102}^{(11)} m_{102}^{(20)} \\
&+ 2 m_{000}^{(00)} m_{010}^{(20)} m_{210}^{(11)} m_{012}^{(22)} - 2 m_{000}^{(00)} m_{010}^{(20)} m_{210}^{(21)} m_{021}^{(22)} - 2 m_{000}^{(00)} m_{010}^{(20)} m_{210}^{(21)} m_{012}^{(21)} \\
&+ 2 m_{000}^{(00)} m_{010}^{(20)} m_{210}^{(22)} m_{021}^{(21)} - 2 m_{000}^{(00)} m_{010}^{(20)} m_{201}^{(11)} m_{021}^{(22)} + 2 m_{000}^{(00)} m_{010}^{(20)} m_{201}^{(21)} m_{030}^{(22)} \\
&+ 2 m_{000}^{(00)} m_{010}^{(20)} m_{201}^{(21)} m_{021}^{(21)} - 2 m_{000}^{(00)} m_{010}^{(20)} m_{201}^{(22)} m_{030}^{(21)} - 2 m_{000}^{(00)} m_{010}^{(20)} m_{120}^{(10)} m_{012}^{(22)} \\
&- 2 m_{000}^{(00)} m_{010}^{(20)} m_{120}^{(11)} m_{102}^{(22)} + 2 m_{000}^{(00)} m_{010}^{(20)} m_{120}^{(20)} m_{012}^{(21)} + 4 m_{000}^{(00)} m_{010}^{(20)} m_{120}^{(21)} m_{111}^{(22)} \\
&+ 2 m_{000}^{(00)} m_{010}^{(20)} m_{120}^{(21)} m_{102}^{(21)} - 4 m_{000}^{(00)} m_{010}^{(20)} m_{120}^{(22)} m_{111}^{(21)} + 2 m_{000}^{(00)} m_{010}^{(20)} m_{111}^{(10)} m_{021}^{(22)} \\
&+ 2 m_{000}^{(00)} m_{010}^{(20)} m_{111}^{(10)} m_{012}^{(21)} + 2 m_{000}^{(00)} m_{010}^{(20)} m_{111}^{(11)} m_{111}^{(22)} - 2 m_{000}^{(00)} m_{010}^{(20)} m_{111}^{(11)} m_{012}^{(20)} \\
&- 2 m_{000}^{(00)} m_{010}^{(20)} m_{111}^{(20)} m_{021}^{(21)} - 2 m_{000}^{(00)} m_{010}^{(20)} m_{111}^{(20)} m_{012}^{(11)} - 2 m_{000}^{(00)} m_{010}^{(20)} (m_{111}^{(21)})^2 \\
&+ 2 m_{000}^{(00)} m_{010}^{(20)} m_{111}^{(21)} m_{021}^{(20)} + 2 m_{000}^{(00)} m_{010}^{(20)} m_{111}^{(21)} m_{012}^{(10)} - 2 m_{000}^{(00)} m_{010}^{(20)} m_{111}^{(22)} m_{021}^{(10)} \\
&- 2 m_{000}^{(00)} m_{010}^{(20)} m_{102}^{(10)} m_{021}^{(21)} + 2 m_{000}^{(00)} m_{010}^{(20)} m_{102}^{(11)} m_{021}^{(20)} + 2 m_{000}^{(00)} m_{010}^{(20)} m_{102}^{(20)} m_{021}^{(11)} \\
&- 2 m_{000}^{(00)} m_{010}^{(20)} m_{102}^{(21)} m_{030}^{(20)} - 2 m_{000}^{(00)} m_{010}^{(20)} m_{102}^{(21)} m_{021}^{(10)} + 2 m_{000}^{(00)} m_{010}^{(20)} m_{102}^{(22)} m_{030}^{(10)} \\
&- 2 m_{000}^{(00)} m_{010}^{(21)} m_{300}^{(11)} m_{012}^{(22)} + 2 m_{000}^{(00)} m_{010}^{(21)} m_{300}^{(21)} m_{021}^{(22)} + 2 m_{000}^{(00)} m_{010}^{(21)} m_{300}^{(21)} m_{012}^{(21)} \\
&- 2 m_{000}^{(00)} m_{010}^{(21)} m_{300}^{(22)} m_{021}^{(21)} + 2 m_{000}^{(00)} m_{010}^{(21)} m_{210}^{(10)} m_{012}^{(22)} + 2 m_{000}^{(00)} m_{010}^{(21)} m_{210}^{(11)} m_{102}^{(22)} \\
&- 2 m_{000}^{(00)} m_{010}^{(21)} m_{210}^{(20)} m_{012}^{(21)} - 4 m_{000}^{(00)} m_{010}^{(21)} m_{210}^{(21)} m_{111}^{(22)} - 2 m_{000}^{(00)} m_{010}^{(21)} m_{210}^{(21)} m_{102}^{(21)}
\end{aligned}
$$

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\begin{aligned}
&+4m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(22)}m_{111}^{(21)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(10)}m_{012}^{(21)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(11)}m_{111}^{(22)}\\
&+2m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(11)}m_{012}^{(20)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(20)}m_{012}^{(11)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(21)}m_{120}^{(22)}\\
&-2m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(21)}m_{021}^{(20)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(21)}m_{012}^{(10)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(22)}m_{120}^{(21)}\\
&-2m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(22)}m_{111}^{(11)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(22)}m_{021}^{(10)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{120}^{(10)}m_{102}^{(22)}\\
&+2m_{000}^{(00)}m_{010}^{(21)}m_{120}^{(20)}m_{102}^{(21)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(10)}m_{111}^{(22)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(10)}m_{102}^{(21)}\\
&-2m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(11)}m_{102}^{(20)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(20)}m_{111}^{(21)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(20)}m_{102}^{(11)}\\
&+2m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(21)}m_{102}^{(10)} + m_{000}^{(00)}m_{010}^{(22)}m_{300}^{(11)}m_{021}^{(22)} - m_{000}^{(00)}m_{010}^{(22)}m_{300}^{(21)}m_{030}^{(22)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{300}^{(21)}m_{021}^{(21)} + m_{000}^{(00)}m_{010}^{(22)}m_{300}^{(22)}m_{030}^{(21)} - m_{000}^{(00)}m_{010}^{(22)}m_{210}^{(10)}m_{021}^{(22)}\\
&-2m_{000}^{(00)}m_{010}^{(22)}m_{210}^{(11)}m_{111}^{(22)} + m_{000}^{(00)}m_{010}^{(22)}m_{210}^{(20)}m_{021}^{(21)} + 3m_{000}^{(00)}m_{010}^{(22)}m_{210}^{(21)}m_{120}^{(22)}\\
&+2m_{000}^{(00)}m_{010}^{(22)}m_{210}^{(21)}m_{111}^{(21)} - 3m_{000}^{(00)}m_{010}^{(22)}m_{210}^{(22)}m_{120}^{(21)} + m_{000}^{(00)}m_{010}^{(22)}m_{201}^{(10)}m_{021}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{201}^{(11)}m_{021}^{(20)} - m_{000}^{(00)}m_{010}^{(22)}m_{201}^{(20)}m_{021}^{(11)} - m_{000}^{(00)}m_{010}^{(22)}m_{201}^{(21)}m_{120}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{201}^{(21)}m_{030}^{(20)} + m_{000}^{(00)}m_{010}^{(22)}m_{201}^{(21)}m_{021}^{(10)} + m_{000}^{(00)}m_{010}^{(22)}m_{201}^{(22)}m_{120}^{(11)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{201}^{(22)}m_{030}^{(10)} + 2m_{000}^{(00)}m_{010}^{(22)}m_{120}^{(10)}m_{111}^{(22)} - 2m_{000}^{(00)}m_{010}^{(22)}m_{120}^{(20)}m_{111}^{(21)}\\
&-2m_{000}^{(00)}m_{010}^{(22)}m_{111}^{(10)}m_{111}^{(21)} + 2m_{000}^{(00)}m_{010}^{(22)}m_{111}^{(11)}m_{111}^{(20)} - m_{000}^{(00)}m_{001}^{(00)}m_{120}^{(11)}m_{003}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(00)}m_{120}^{(21)}m_{012}^{(21)} + m_{000}^{(00)}m_{001}^{(00)}m_{120}^{(21)}m_{003}^{(11)} - m_{000}^{(00)}m_{001}^{(00)}m_{120}^{(22)}m_{012}^{(11)}\\
&+2m_{000}^{(00)}m_{001}^{(00)}m_{111}^{(11)}m_{012}^{(21)} - 2m_{000}^{(00)}m_{001}^{(00)}m_{111}^{(21)}m_{021}^{(21)} - 2m_{000}^{(00)}m_{001}^{(00)}m_{111}^{(21)}m_{012}^{(11)}\\
&+2m_{000}^{(00)}m_{001}^{(00)}m_{111}^{(22)}m_{021}^{(11)} - m_{000}^{(00)}m_{001}^{(00)}m_{102}^{(11)}m_{021}^{(21)} + m_{000}^{(00)}m_{001}^{(00)}m_{102}^{(21)}m_{030}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(00)}m_{102}^{(21)}m_{021}^{(11)} - m_{000}^{(00)}m_{001}^{(00)}m_{102}^{(22)}m_{030}^{(11)} + m_{000}^{(00)}m_{001}^{(00)}m_{030}^{(10)}m_{012}^{(22)}\\
&+m_{000}^{(00)}m_{001}^{(00)}m_{030}^{(11)}m_{003}^{(20)} - m_{000}^{(00)}m_{001}^{(00)}m_{030}^{(20)}m_{012}^{(21)} - m_{000}^{(00)}m_{001}^{(00)}m_{030}^{(21)}m_{012}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(00)}m_{030}^{(21)}m_{003}^{(10)} + m_{000}^{(00)}m_{001}^{(00)}m_{030}^{(22)}m_{012}^{(10)} - 2m_{000}^{(00)}m_{001}^{(00)}m_{021}^{(10)}m_{021}^{(22)}\\
&-m_{000}^{(00)}m_{001}^{(00)}m_{021}^{(10)}m_{012}^{(21)} - 2m_{000}^{(00)}m_{001}^{(00)}m_{021}^{(11)}m_{012}^{(20)} + 2m_{000}^{(00)}m_{001}^{(00)}m_{021}^{(20)}m_{021}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(00)}m_{021}^{(20)}m_{012}^{(11)} + 2m_{000}^{(00)}m_{001}^{(00)}m_{021}^{(21)}m_{012}^{(10)} + 2m_{000}^{(00)}m_{001}^{(10)}m_{210}^{(11)}m_{003}^{(21)}\\
&-2m_{000}^{(00)}m_{001}^{(10)}m_{210}^{(21)}m_{012}^{(21)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{210}^{(21)}m_{003}^{(11)} + 2m_{000}^{(00)}m_{001}^{(10)}m_{210}^{(22)}m_{012}^{(11)}\\
&-2m_{000}^{(00)}m_{001}^{(10)}m_{201}^{(11)}m_{012}^{(21)} + 2m_{000}^{(00)}m_{001}^{(10)}m_{201}^{(21)}m_{021}^{(21)} + 2m_{000}^{(00)}m_{001}^{(10)}m_{201}^{(21)}m_{012}^{(11)}\\
&-2m_{000}^{(00)}m_{001}^{(10)}m_{201}^{(22)}m_{021}^{(11)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{120}^{(10)}m_{012}^{(22)} + 2m_{000}^{(00)}m_{001}^{(10)}m_{120}^{(11)}m_{102}^{(22)}\\
&-2m_{000}^{(00)}m_{001}^{(10)}m_{120}^{(11)}m_{003}^{(20)} + 2m_{000}^{(00)}m_{001}^{(10)}m_{120}^{(20)}m_{012}^{(21)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{120}^{(21)}m_{102}^{(21)}\\
&+2m_{000}^{(00)}m_{001}^{(10)}m_{120}^{(21)}m_{012}^{(20)} + 2m_{000}^{(00)}m_{001}^{(10)}m_{120}^{(21)}m_{003}^{(10)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{120}^{(22)}m_{012}^{(10)}\\
&+2m_{000}^{(00)}m_{001}^{(10)}m_{111}^{(10)}m_{021}^{(22)} + 2m_{000}^{(00)}m_{001}^{(10)}m_{111}^{(10)}m_{012}^{(21)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{111}^{(11)}m_{111}^{(22)}\\
&-4m_{000}^{(00)}m_{001}^{(10)}m_{111}^{(11)}m_{102}^{(21)} + 2m_{000}^{(00)}m_{001}^{(10)}m_{111}^{(11)}m_{012}^{(20)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{111}^{(20)}m_{021}^{(21)}\\
&-2m_{000}^{(00)}m_{001}^{(10)}m_{111}^{(20)}m_{012}^{(11)} + 2m_{000}^{(00)}m_{001}^{(10)}(m_{111}^{(21)})^2 + 4m_{000}^{(00)}m_{001}^{(10)}m_{111}^{(21)}m_{102}^{(11)}\\
&-2m_{000}^{(00)}m_{001}^{(10)}m_{111}^{(21)}m_{021}^{(20)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{111}^{(21)}m_{012}^{(10)} + 2m_{000}^{(00)}m_{001}^{(10)}m_{111}^{(22)}m_{021}^{(10)}\\
&-2m_{000}^{(00)}m_{001}^{(10)}m_{102}^{(10)}m_{021}^{(21)} + 2m_{000}^{(00)}m_{001}^{(10)}m_{102}^{(20)}m_{021}^{(11)} - m_{000}^{(00)}m_{001}^{(11)}m_{300}^{(11)}m_{003}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{300}^{(21)}m_{012}^{(21)} + m_{000}^{(00)}m_{001}^{(11)}m_{300}^{(21)}m_{003}^{(11)} - m_{000}^{(00)}m_{001}^{(11)}m_{300}^{(22)}m_{012}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{210}^{(10)}m_{012}^{(22)} - m_{000}^{(00)}m_{001}^{(11)}m_{210}^{(11)}m_{102}^{(22)} + m_{000}^{(00)}m_{001}^{(11)}m_{210}^{(11)}m_{003}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{210}^{(20)}m_{012}^{(21)} + m_{000}^{(00)}m_{001}^{(11)}m_{210}^{(21)}m_{102}^{(21)} - m_{000}^{(00)}m_{001}^{(11)}m_{210}^{(21)}m_{012}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{210}^{(21)}m_{003}^{(10)} + m_{000}^{(00)}m_{001}^{(11)}m_{210}^{(22)}m_{012}^{(10)} - m_{000}^{(00)}m_{001}^{(11)}m_{201}^{(10)}m_{012}^{(21)}\\
&+3m_{000}^{(00)}m_{001}^{(11)}m_{201}^{(11)}m_{102}^{(21)} + m_{000}^{(00)}m_{001}^{(11)}m_{201}^{(20)}m_{012}^{(11)} - 2m_{000}^{(00)}m_{001}^{(11)}m_{201}^{(21)}m_{111}^{(21)}\\
&-3m_{000}^{(00)}m_{001}^{(11)}m_{201}^{(21)}m_{102}^{(11)} + 2m_{000}^{(00)}m_{001}^{(11)}m_{201}^{(22)}m_{111}^{(11)} - 2m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(10)}m_{111}^{(22)}
\end{aligned}
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\begin{aligned}
&-2m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(11)}m_{102}^{(20)} + 2m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(20)}m_{111}^{(21)} + 2m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(21)}m_{102}^{(10)}\\
&-2m_{000}^{(00)}m_{001}^{(20)}m_{210}^{(11)}m_{012}^{(21)} + 2m_{000}^{(00)}m_{001}^{(20)}m_{210}^{(21)}m_{021}^{(21)} + 2m_{000}^{(00)}m_{001}^{(20)}m_{210}^{(21)}m_{012}^{(11)}\\
&-2m_{000}^{(00)}m_{001}^{(20)}m_{210}^{(22)}m_{021}^{(11)} + 2m_{000}^{(00)}m_{001}^{(20)}m_{201}^{(11)}m_{021}^{(21)} - 2m_{000}^{(00)}m_{001}^{(20)}m_{201}^{(21)}m_{030}^{(21)}\\
&-2m_{000}^{(00)}m_{001}^{(20)}m_{201}^{(21)}m_{021}^{(11)} + 2m_{000}^{(00)}m_{001}^{(20)}m_{201}^{(22)}m_{030}^{(11)} + 2m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(10)}m_{021}^{(22)}\\
&-2m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(11)}m_{111}^{(22)} + 2m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(11)}m_{102}^{(21)} + 2m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(11)}m_{012}^{(20)}\\
&-2m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(20)}m_{021}^{(21)} - 2m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(21)}m_{102}^{(11)} - 2m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(21)}m_{021}^{(20)}\\
&-2m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(21)}m_{012}^{(10)} + 2m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(22)}m_{111}^{(11)} + 2m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(22)}m_{021}^{(10)}\\
&-2m_{000}^{(00)}m_{001}^{(20)}m_{111}^{(10)}m_{030}^{(22)} - 2m_{000}^{(00)}m_{001}^{(20)}m_{111}^{(10)}m_{021}^{(21)} - 2m_{000}^{(00)}m_{001}^{(20)}m_{111}^{(11)}m_{021}^{(20)}\\
&+2m_{000}^{(00)}m_{001}^{(20)}m_{111}^{(20)}m_{030}^{(21)} + 2m_{000}^{(00)}m_{001}^{(20)}m_{111}^{(20)}m_{021}^{(11)} + 2m_{000}^{(00)}m_{001}^{(20)}m_{111}^{(21)}m_{030}^{(20)}\\
&+2m_{000}^{(00)}m_{001}^{(20)}m_{111}^{(21)}m_{021}^{(10)} - 2m_{000}^{(00)}m_{001}^{(20)}m_{111}^{(22)}m_{030}^{(10)} + 2m_{000}^{(00)}m_{001}^{(20)}m_{102}^{(10)}m_{030}^{(21)}\\
&-2m_{000}^{(00)}m_{001}^{(20)}m_{102}^{(20)}m_{030}^{(11)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{300}^{(11)}m_{012}^{(21)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{300}^{(21)}m_{021}^{(21)}\\
&-2m_{000}^{(00)}m_{001}^{(21)}m_{300}^{(21)}m_{012}^{(11)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{300}^{(22)}m_{021}^{(11)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(10)}m_{021}^{(22)}\\
&+2m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(11)}m_{111}^{(22)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(11)}m_{102}^{(21)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(11)}m_{012}^{(20)}\\
&+2m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(20)}m_{021}^{(21)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(21)}m_{102}^{(11)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(21)}m_{021}^{(20)}\\
&+2m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(21)}m_{012}^{(10)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(22)}m_{111}^{(11)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(22)}m_{021}^{(10)}\\
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&+2m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(21)}m_{120}^{(21)} + 4m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(21)}m_{111}^{(11)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(22)}m_{120}^{(11)}\\
&+2m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(10)}m_{111}^{(22)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(11)}m_{102}^{(20)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(20)}m_{111}^{(21)}\\
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&+2m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(20)}m_{012}^{(21)} + m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(20)}m_{003}^{(11)} - m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(21)}m_{012}^{(20)}\\
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&-2m_{000}^{(10)}m_{100}^{(00)}m_{012}^{(11)}m_{012}^{(20)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{210}^{(11)}m_{003}^{(22)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{210}^{(21)}m_{012}^{(22)}\\
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&+2m_{000}^{(10)}m_{100}^{(10)}m_{201}^{(21)}m_{021}^{(22)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{201}^{(21)}m_{012}^{(21)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{201}^{(22)}m_{021}^{(21)}
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&-2m_{000}^{(10)}m_{100}^{(10)}m_{120}^{(10)}m_{003}^{(22)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{120}^{(20)}m_{003}^{(21)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{120}^{(21)}m_{102}^{(22)}\\
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&+2m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(11)}m_{012}^{(20)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(20)}m_{012}^{(11)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(21)}m_{021}^{(20)}\\
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&+2m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(11)}m_{012}^{(20)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(20)}m_{021}^{(21)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(20)}m_{012}^{(11)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}(m_{111}^{(21)})^2 - 2m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(21)}m_{021}^{(20)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(21)}m_{012}^{(10)}\\
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&-2m_{000}^{(10)}m_{100}^{(21)}m_{300}^{(21)}m_{012}^{(21)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{300}^{(22)}m_{021}^{(21)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(10)}m_{012}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(11)}m_{102}^{(22)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(20)}m_{012}^{(21)} + 4m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(21)}m_{111}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(21)}m_{102}^{(21)} - 4m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(22)}m_{111}^{(21)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(10)}m_{012}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(11)}m_{111}^{(22)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(11)}m_{012}^{(20)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(20)}m_{012}^{(11)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(21)}m_{120}^{(22)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(21)}m_{021}^{(20)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(21)}m_{012}^{(10)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(22)}m_{120}^{(21)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(22)}m_{111}^{(11)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(22)}m_{021}^{(10)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{120}^{(10)}m_{102}^{(22)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{120}^{(20)}m_{102}^{(21)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(10)}m_{111}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(10)}m_{102}^{(21)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(11)}m_{102}^{(20)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(20)}m_{111}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(20)}m_{102}^{(11)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(21)}m_{102}^{(10)} - m_{000}^{(10)}m_{100}^{(22)}m_{300}^{(11)}m_{021}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{300}^{(21)}m_{030}^{(22)} + m_{000}^{(10)}m_{100}^{(22)}m_{300}^{(21)}m_{021}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{300}^{(22)}m_{030}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{210}^{(10)}m_{021}^{(22)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{210}^{(11)}m_{111}^{(22)} - m_{000}^{(10)}m_{100}^{(22)}m_{210}^{(20)}m_{021}^{(21)}\\
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&+m_{000}^{(10)}m_{100}^{(22)}m_{201}^{(21)}m_{120}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{201}^{(21)}m_{030}^{(20)} - m_{000}^{(10)}m_{100}^{(22)}m_{201}^{(21)}m_{021}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{201}^{(22)}m_{120}^{(11)} + m_{000}^{(10)}m_{100}^{(22)}m_{201}^{(22)}m_{030}^{(10)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{120}^{(10)}m_{111}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(22)}m_{120}^{(20)}m_{111}^{(21)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(10)}m_{111}^{(21)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(11)}m_{111}^{(20)}\\
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&+m_{000}^{(10)}m_{010}^{(00)}m_{102}^{(20)}m_{030}^{(22)} + m_{000}^{(10)}m_{010}^{(00)}m_{102}^{(21)}m_{021}^{(20)} - m_{000}^{(10)}m_{010}^{(00)}m_{102}^{(22)}m_{030}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{030}^{(00)}m_{003}^{(22)} - m_{000}^{(10)}m_{010}^{(00)}m_{030}^{(20)}m_{003}^{(20)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{021}^{(00)}m_{012}^{(22)}\\
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&+2m_{000}^{(10)}m_{010}^{(00)}m_{012}^{(00)}m_{012}^{(21)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{012}^{(10)}m_{012}^{(20)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{210}^{(10)}m_{003}^{(22)}\\
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&+2m_{000}^{(10)}m_{010}^{(10)}m_{111}^{(21)}m_{003}^{(00)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{111}^{(22)}m_{102}^{(10)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{111}^{(22)}m_{012}^{(00)}\\
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&+2m_{000}^{(10)}m_{010}^{(10)}m_{102}^{(20)}m_{012}^{(10)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{102}^{(21)}m_{012}^{(00)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{102}^{(22)}m_{021}^{(00)}\\
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&-2m_{000}^{(10)}m_{010}^{(20)}m_{201}^{(21)}m_{021}^{(20)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{201}^{(22)}m_{030}^{(20)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{120}^{(00)}m_{012}^{(22)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{120}^{(10)}m_{102}^{(22)} - 4m_{000}^{(10)}m_{010}^{(20)}m_{120}^{(20)}m_{111}^{(22)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{120}^{(20)}m_{012}^{(20)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{120}^{(21)}m_{102}^{(20)} + 4m_{000}^{(10)}m_{010}^{(20)}m_{120}^{(22)}m_{111}^{(20)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(00)}m_{021}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(00)}m_{012}^{(21)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(10)}m_{111}^{(22)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(10)}m_{012}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(20)}m_{111}^{(21)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(20)}m_{012}^{(10)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(21)}m_{012}^{(00)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(22)}m_{021}^{(00)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{102}^{(10)}m_{021}^{(21)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{102}^{(10)}m_{021}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{102}^{(20)}m_{030}^{(20)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{102}^{(20)}m_{021}^{(10)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{102}^{(21)}m_{021}^{(00)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{102}^{(22)}m_{030}^{(00)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{300}^{(10)}m_{012}^{(22)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{300}^{(20)}m_{021}^{(22)}
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&-2m_{000}^{(10)}m_{010}^{(21)}m_{300}^{(21)}m_{012}^{(20)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{300}^{(22)}m_{021}^{(20)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{210}^{(00)}m_{012}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(21)}m_{210}^{(10)}m_{102}^{(22)} + 4m_{000}^{(10)}m_{010}^{(21)}m_{210}^{(20)}m_{111}^{(22)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{210}^{(20)}m_{012}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{210}^{(21)}m_{102}^{(20)} - 4m_{000}^{(10)}m_{010}^{(21)}m_{210}^{(22)}m_{111}^{(20)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(00)}m_{012}^{(21)}\\
&-2m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(10)}m_{111}^{(22)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(10)}m_{012}^{(20)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(20)}m_{120}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(20)}m_{111}^{(21)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(20)}m_{021}^{(20)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(20)}m_{012}^{(10)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(21)}m_{111}^{(20)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(21)}m_{012}^{(00)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(22)}m_{120}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(22)}m_{111}^{(10)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(22)}m_{021}^{(00)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{120}^{(00)}m_{102}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(21)}m_{120}^{(20)}m_{102}^{(20)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{111}^{(00)}m_{111}^{(22)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{111}^{(00)}m_{102}^{(21)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{111}^{(10)}m_{102}^{(20)} - 2m_{000}^{(10)}m_{010}^{(21)}(m_{111}^{(20)})^2 + 2m_{000}^{(10)}m_{010}^{(21)}m_{111}^{(20)}m_{102}^{(10)}\\
&-2m_{000}^{(10)}m_{010}^{(21)}m_{111}^{(21)}m_{102}^{(00)} - m_{000}^{(10)}m_{010}^{(22)}m_{300}^{(10)}m_{021}^{(22)} + m_{000}^{(10)}m_{010}^{(22)}m_{300}^{(20)}m_{030}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{300}^{(21)}m_{021}^{(20)} - m_{000}^{(10)}m_{010}^{(22)}m_{300}^{(22)}m_{030}^{(20)} + m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(00)}m_{021}^{(22)}\\
&+2m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(10)}m_{111}^{(22)} - 3m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(20)}m_{120}^{(22)} - m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(20)}m_{021}^{(20)}\\
&-2m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(21)}m_{111}^{(20)} + 3m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(22)}m_{120}^{(20)} - m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(00)}m_{021}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(10)}m_{021}^{(20)} + m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(20)}m_{120}^{(21)} - m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(20)}m_{030}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(20)}m_{021}^{(10)} - m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(21)}m_{021}^{(00)} - m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(22)}m_{120}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(22)}m_{030}^{(00)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{120}^{(00)}m_{111}^{(22)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{120}^{(20)}m_{111}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(22)}m_{111}^{(00)}m_{111}^{(21)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{111}^{(10)}m_{111}^{(20)} - m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(10)}m_{012}^{(22)}\\
&+2m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(10)}m_{003}^{(21)} + m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(11)}m_{102}^{(22)} - m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(20)}m_{003}^{(11)}\\
&-2m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(21)}m_{102}^{(21)} - m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(21)}m_{003}^{(10)} + m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(22)}m_{102}^{(11)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(22)}m_{012}^{(10)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(10)}m_{021}^{(22)} - 4m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(10)}m_{012}^{(21)}\\
&-2m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(11)}m_{111}^{(22)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(20)}m_{012}^{(11)} + 2m_{000}^{(10)}m_{001}^{(00)}(m_{111}^{(21)})^2\\
&+2m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(21)}m_{012}^{(10)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(22)}m_{021}^{(10)} - m_{000}^{(10)}m_{001}^{(00)}m_{102}^{(10)}m_{030}^{(22)}\\
&+2m_{000}^{(10)}m_{001}^{(00)}m_{102}^{(10)}m_{021}^{(21)} - m_{000}^{(10)}m_{001}^{(00)}m_{102}^{(20)}m_{021}^{(11)} - m_{000}^{(10)}m_{001}^{(00)}m_{102}^{(21)}m_{021}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{102}^{(22)}m_{030}^{(10)} - m_{000}^{(10)}m_{001}^{(00)}m_{030}^{(00)}m_{012}^{(22)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{030}^{(10)}m_{003}^{(20)}\\
&+2m_{000}^{(10)}m_{001}^{(00)}m_{030}^{(20)}m_{012}^{(20)} + m_{000}^{(10)}m_{001}^{(00)}m_{030}^{(20)}m_{003}^{(10)} + m_{000}^{(10)}m_{001}^{(00)}m_{030}^{(21)}m_{003}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{030}^{(22)}m_{012}^{(00)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{021}^{(00)}m_{021}^{(22)} + m_{000}^{(10)}m_{001}^{(00)}m_{021}^{(00)}m_{012}^{(21)}\\
&+5m_{000}^{(10)}m_{001}^{(00)}m_{021}^{(10)}m_{012}^{(20)} - 2m_{000}^{(10)}m_{001}^{(00)}(m_{021}^{(20)})^2 - 4m_{000}^{(10)}m_{001}^{(00)}m_{021}^{(20)}m_{012}^{(10)}\\
&-2m_{000}^{(10)}m_{001}^{(00)}m_{021}^{(21)}m_{012}^{(00)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(10)}m_{012}^{(22)} - 4m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(10)}m_{003}^{(21)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(11)}m_{102}^{(22)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(20)}m_{003}^{(11)} + 4m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(21)}m_{102}^{(21)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(21)}m_{003}^{(10)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(22)}m_{102}^{(11)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(22)}m_{012}^{(10)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(10)}m_{021}^{(22)} + 4m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(10)}m_{012}^{(21)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(11)}m_{111}^{(22)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(20)}m_{012}^{(11)} - 4m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(21)}m_{111}^{(21)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(21)}m_{012}^{(10)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(22)}m_{111}^{(11)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(22)}m_{021}^{(10)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(00)}m_{012}^{(22)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(10)}m_{102}^{(22)} + 4m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(10)}m_{003}^{(20)} - 4m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(20)}m_{012}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(20)}m_{003}^{(10)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(21)}m_{003}^{(00)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(22)}m_{102}^{(10)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(22)}m_{012}^{(00)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(00)}m_{021}^{(22)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(00)}m_{012}^{(21)}\\
&+6m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(10)}m_{102}^{(21)} - 6m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(10)}m_{012}^{(20)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(11)}m_{102}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(20)}m_{102}^{(11)} + 4m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(20)}m_{021}^{(20)} + 6m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(20)}m_{012}^{(10)}
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&-6m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(21)}m_{102}^{(10)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(21)}m_{012}^{(00)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(22)}m_{021}^{(00)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{102}^{(00)}m_{021}^{(21)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{102}^{(10)}m_{021}^{(20)} - 4m_{000}^{(10)}m_{001}^{(10)}m_{102}^{(20)}m_{021}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{300}^{(10)}m_{012}^{(22)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{300}^{(10)}m_{003}^{(21)} + m_{000}^{(10)}m_{001}^{(11)}m_{300}^{(11)}m_{102}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{300}^{(20)}m_{003}^{(11)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{300}^{(21)}m_{102}^{(21)} - m_{000}^{(10)}m_{001}^{(11)}m_{300}^{(21)}m_{003}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{300}^{(22)}m_{102}^{(11)} + m_{000}^{(10)}m_{001}^{(11)}m_{300}^{(22)}m_{012}^{(10)} - m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(00)}m_{012}^{(22)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(10)}m_{102}^{(22)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(10)}m_{003}^{(20)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(20)}m_{012}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(20)}m_{003}^{(10)} + m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(21)}m_{003}^{(00)} - m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(22)}m_{102}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(22)}m_{012}^{(00)} + m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(00)}m_{012}^{(21)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(10)}m_{111}^{(22)}\\
&-5m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(10)}m_{102}^{(21)} + m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(10)}m_{012}^{(20)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(11)}m_{201}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(11)}m_{102}^{(20)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(20)}m_{102}^{(11)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(20)}m_{012}^{(10)}\\
&+2m_{000}^{(10)}m_{001}^{(11)}(m_{201}^{(21)})^2 + 4m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(21)}m_{102}^{(10)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(22)}m_{111}^{(10)}\\
&+2m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(00)}m_{111}^{(22)} + 4m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(10)}m_{102}^{(20)} - 2m_{000}^{(10)}m_{001}^{(11)}(m_{111}^{(20)})^2\\
&-2m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(20)}m_{102}^{(10)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(21)}m_{102}^{(00)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(10)}m_{021}^{(22)}\\
&+4m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(10)}m_{012}^{(21)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(11)}m_{111}^{(22)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(20)}m_{012}^{(11)}\\
&-4m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(21)}m_{111}^{(21)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(21)}m_{012}^{(10)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(22)}m_{111}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(22)}m_{021}^{(10)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(10)}m_{030}^{(22)} - 4m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(10)}m_{021}^{(21)}\\
&-2m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(11)}m_{120}^{(22)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(20)}m_{021}^{(11)} + 4m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(21)}m_{120}^{(21)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(21)}m_{021}^{(10)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(22)}m_{120}^{(11)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(22)}m_{030}^{(10)}\\
&-2m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(00)}m_{021}^{(22)} + 4m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(10)}m_{111}^{(22)} - 4m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(10)}m_{102}^{(21)}\\
&-4m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(10)}m_{012}^{(20)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(20)}m_{102}^{(11)} + 4m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(20)}m_{021}^{(20)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(20)}m_{012}^{(10)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(21)}m_{102}^{(10)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(21)}m_{012}^{(00)}\\
&-4m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(22)}m_{111}^{(10)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(22)}m_{021}^{(00)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(00)}m_{030}^{(22)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(00)}m_{021}^{(21)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(10)}m_{111}^{(21)} + 6m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(10)}m_{021}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(11)}m_{111}^{(20)} - 4m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(20)}m_{030}^{(20)} - 6m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(20)}m_{021}^{(10)}\\
&-2m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(21)}m_{021}^{(00)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(22)}m_{030}^{(00)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{102}^{(00)}m_{030}^{(21)}\\
&-2m_{000}^{(10)}m_{001}^{(20)}m_{102}^{(10)}m_{030}^{(20)} + 4m_{000}^{(10)}m_{001}^{(20)}m_{102}^{(20)}m_{030}^{(10)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(10)}m_{021}^{(22)}\\
&-4m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(10)}m_{012}^{(21)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(11)}m_{111}^{(22)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(20)}m_{012}^{(11)}\\
&+4m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(21)}m_{111}^{(21)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(21)}m_{012}^{(10)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(22)}m_{111}^{(11)}\\
&-2m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(22)}m_{021}^{(10)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(00)}m_{021}^{(22)} - 4m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(10)}m_{111}^{(22)}\\
&+4m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(10)}m_{102}^{(21)} + 4m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(10)}m_{012}^{(20)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(11)}m_{201}^{(22)}\\
&-2m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(20)}m_{102}^{(11)} - 4m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(20)}m_{021}^{(20)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(20)}m_{012}^{(10)}\\
&-4m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(21)}m_{201}^{(21)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(21)}m_{102}^{(10)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(21)}m_{012}^{(00)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(22)}m_{201}^{(11)} + 4m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(22)}m_{111}^{(10)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(22)}m_{021}^{(00)}\\
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&-2m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(10)}m_{021}^{(20)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(11)}m_{111}^{(20)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(20)}m_{111}^{(11)}\\
&+4m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(20)}m_{021}^{(10)} - 6m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(21)}m_{111}^{(10)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(22)}m_{120}^{(10)}\\
&-2m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(00)}m_{111}^{(22)} - 4m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(10)}m_{102}^{(20)} + 4m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(20)}m_{111}^{(20)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(20)}m_{102}^{(10)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(21)}m_{102}^{(00)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(22)}m_{111}^{(00)}
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&+2m_{000}^{(10)}m_{001}^{(21)}m_{111}^{(00)}m_{111}^{(21)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{111}^{(10)}m_{111}^{(20)} - m_{000}^{(10)}m_{001}^{(22)}m_{300}^{(10)}m_{030}^{(22)}\\
&+2m_{000}^{(10)}m_{001}^{(22)}m_{300}^{(10)}m_{021}^{(21)} + m_{000}^{(10)}m_{001}^{(22)}m_{300}^{(11)}m_{120}^{(22)} - m_{000}^{(10)}m_{001}^{(22)}m_{300}^{(20)}m_{021}^{(11)}\\
&-2m_{000}^{(10)}m_{001}^{(22)}m_{300}^{(21)}m_{120}^{(21)} - m_{000}^{(10)}m_{001}^{(22)}m_{300}^{(21)}m_{021}^{(10)} + m_{000}^{(10)}m_{001}^{(22)}m_{300}^{(22)}m_{120}^{(11)}\\
&+m_{000}^{(10)}m_{001}^{(22)}m_{300}^{(22)}m_{030}^{(10)} - m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(00)}m_{030}^{(22)} + 3m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(10)}m_{120}^{(22)}\\
&-4m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(10)}m_{111}^{(21)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(10)}m_{021}^{(20)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(11)}m_{210}^{(22)}\\
&+2m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(20)}m_{111}^{(11)} + 2m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(20)}m_{030}^{(20)} + m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(20)}m_{021}^{(10)}\\
&+2m_{000}^{(10)}m_{001}^{(22)}(m_{210}^{(21)})^2 + 2m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(21)}m_{111}^{(10)} + m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(21)}m_{021}^{(00)}\\
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&+4m_{000}^{(10)}m_{001}^{(22)}m_{120}^{(10)}m_{111}^{(20)} - 2m_{000}^{(10)}m_{001}^{(22)}(m_{120}^{(20)})^2 - 2m_{000}^{(10)}m_{001}^{(22)}m_{120}^{(20)}m_{111}^{(10)}\\
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&+2m_{000}^{(11)}m_{100}^{(00)}m_{111}^{(20)}m_{021}^{(22)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{111}^{(21)}m_{012}^{(20)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{111}^{(22)}m_{021}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{102}^{(10)}m_{021}^{(22)} - m_{000}^{(11)}m_{100}^{(00)}m_{102}^{(20)}m_{030}^{(22)} - m_{000}^{(11)}m_{100}^{(00)}m_{102}^{(21)}m_{021}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{102}^{(22)}m_{030}^{(20)} - m_{000}^{(11)}m_{100}^{(00)}m_{030}^{(00)}m_{003}^{(22)} + m_{000}^{(11)}m_{100}^{(00)}m_{030}^{(20)}m_{003}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(00)}m_{021}^{(00)}m_{012}^{(22)} + m_{000}^{(11)}m_{100}^{(00)}m_{021}^{(00)}m_{003}^{(21)} - m_{000}^{(11)}m_{100}^{(00)}m_{021}^{(10)}m_{003}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{021}^{(20)}m_{012}^{(20)} - m_{000}^{(11)}m_{100}^{(00)}m_{021}^{(20)}m_{003}^{(10)} + m_{000}^{(11)}m_{100}^{(00)}m_{021}^{(21)}m_{003}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{021}^{(22)}m_{012}^{(00)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{012}^{(00)}m_{012}^{(21)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{012}^{(10)}m_{012}^{(20)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{210}^{(10)}m_{003}^{(22)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{210}^{(20)}m_{012}^{(22)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{210}^{(21)}m_{003}^{(20)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{210}^{(22)}m_{012}^{(20)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{201}^{(10)}m_{012}^{(22)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{201}^{(20)}m_{021}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{201}^{(21)}m_{012}^{(20)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{201}^{(22)}m_{021}^{(20)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{120}^{(00)}m_{003}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{120}^{(20)}m_{102}^{(22)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{120}^{(20)}m_{003}^{(20)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{120}^{(22)}m_{102}^{(20)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{111}^{(00)}m_{012}^{(22)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{111}^{(00)}m_{003}^{(21)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{111}^{(10)}m_{102}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{111}^{(10)}m_{003}^{(20)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{111}^{(20)}m_{102}^{(21)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{111}^{(20)}m_{003}^{(10)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{111}^{(21)}m_{102}^{(20)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{111}^{(21)}m_{003}^{(00)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{111}^{(22)}m_{102}^{(10)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{111}^{(22)}m_{012}^{(00)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{102}^{(00)}m_{012}^{(21)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{102}^{(10)}m_{012}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{102}^{(20)}m_{021}^{(20)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{102}^{(20)}m_{012}^{(10)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{102}^{(21)}m_{012}^{(00)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{102}^{(22)}m_{021}^{(00)} + m_{000}^{(11)}m_{100}^{(11)}m_{300}^{(10)}m_{003}^{(22)} - m_{000}^{(11)}m_{100}^{(11)}m_{300}^{(20)}m_{012}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(11)}m_{300}^{(21)}m_{003}^{(20)} + m_{000}^{(11)}m_{100}^{(11)}m_{300}^{(22)}m_{012}^{(20)} - m_{000}^{(11)}m_{100}^{(11)}m_{210}^{(00)}m_{003}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{210}^{(20)}m_{102}^{(22)} + m_{000}^{(11)}m_{100}^{(11)}m_{210}^{(20)}m_{003}^{(20)} - m_{000}^{(11)}m_{100}^{(11)}m_{210}^{(22)}m_{102}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(00)}m_{003}^{(21)} - 2m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(10)}m_{102}^{(22)} - m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(10)}m_{003}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(20)}m_{111}^{(22)} - m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(20)}m_{102}^{(21)} + m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(20)}m_{012}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(20)}m_{003}^{(10)} + 2m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(21)}m_{102}^{(20)} + m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(21)}m_{003}^{(00)}\\
&-2m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(22)}m_{111}^{(20)} + m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(22)}m_{102}^{(10)} - m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(22)}m_{012}^{(00)}\\
&+2m_{000}^{(11)}m_{100}^{(11)}m_{111}^{(00)}m_{102}^{(22)} - 2m_{000}^{(11)}m_{100}^{(11)}m_{111}^{(20)}m_{102}^{(20)} - 2m_{000}^{(11)}m_{100}^{(11)}m_{102}^{(00)}m_{102}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(11)}m_{102}^{(10)}m_{102}^{(20)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{210}^{(10)}m_{012}^{(22)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{210}^{(20)}m_{021}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{210}^{(21)}m_{012}^{(20)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{210}^{(22)}m_{021}^{(20)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{201}^{(10)}m_{021}^{(22)}
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&+2m_{000}^{(11)}m_{100}^{(20)}m_{201}^{(20)}m_{030}^{(22)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{201}^{(21)}m_{021}^{(20)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{201}^{(22)}m_{030}^{(20)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{120}^{(00)}m_{012}^{(22)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{120}^{(10)}m_{102}^{(22)} + 4m_{000}^{(11)}m_{100}^{(20)}m_{120}^{(20)}m_{111}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{120}^{(20)}m_{012}^{(20)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{120}^{(21)}m_{102}^{(20)} - 4m_{000}^{(11)}m_{100}^{(20)}m_{120}^{(22)}m_{111}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(00)}m_{021}^{(22)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(00)}m_{012}^{(21)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(10)}m_{111}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(10)}m_{012}^{(20)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(20)}m_{111}^{(21)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(20)}m_{012}^{(10)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(21)}m_{012}^{(00)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(22)}m_{021}^{(00)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{102}^{(00)}m_{021}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{102}^{(10)}m_{021}^{(20)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{102}^{(20)}m_{030}^{(20)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{102}^{(20)}m_{021}^{(10)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{102}^{(21)}m_{021}^{(00)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{102}^{(22)}m_{030}^{(00)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{300}^{(10)}m_{012}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(21)}m_{300}^{(20)}m_{021}^{(22)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{300}^{(21)}m_{012}^{(20)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{300}^{(22)}m_{021}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(00)}m_{012}^{(22)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(10)}m_{102}^{(22)} - 4m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(20)}m_{111}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(20)}m_{012}^{(20)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(21)}m_{102}^{(20)} + 4m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(22)}m_{111}^{(20)}\\
&-2m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(00)}m_{012}^{(21)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(10)}m_{111}^{(22)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(10)}m_{012}^{(20)}\\
&-2m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(20)}m_{120}^{(22)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(20)}m_{111}^{(21)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(20)}m_{021}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(20)}m_{012}^{(10)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(21)}m_{111}^{(20)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(21)}m_{012}^{(00)}\\
&+2m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(22)}m_{120}^{(20)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(22)}m_{111}^{(10)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(22)}m_{021}^{(00)}\\
&-2m_{000}^{(11)}m_{100}^{(21)}m_{120}^{(00)}m_{102}^{(22)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{120}^{(20)}m_{102}^{(20)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{111}^{(00)}m_{111}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(21)}m_{111}^{(00)}m_{102}^{(21)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{111}^{(10)}m_{102}^{(20)} + 2m_{000}^{(11)}m_{100}^{(21)}(m_{111}^{(20)})^2\\
&-2m_{000}^{(11)}m_{100}^{(21)}m_{111}^{(20)}m_{102}^{(10)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{111}^{(21)}m_{102}^{(00)} + m_{000}^{(11)}m_{100}^{(22)}m_{111}^{(10)}m_{300}^{(22)}m_{021}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{300}^{(20)}m_{030}^{(22)} - m_{000}^{(11)}m_{100}^{(22)}m_{300}^{(21)}m_{021}^{(20)} + m_{000}^{(11)}m_{100}^{(22)}m_{300}^{(22)}m_{030}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{210}^{(00)}m_{021}^{(22)} - 2m_{000}^{(11)}m_{100}^{(22)}m_{210}^{(10)}m_{111}^{(22)} + 3m_{000}^{(11)}m_{100}^{(22)}m_{210}^{(20)}m_{120}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{210}^{(20)}m_{021}^{(20)} + 2m_{000}^{(11)}m_{100}^{(22)}m_{210}^{(21)}m_{111}^{(20)} - 3m_{000}^{(11)}m_{100}^{(22)}m_{210}^{(22)}m_{120}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(00)}m_{021}^{(21)} - m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(10)}m_{021}^{(20)} - m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(20)}m_{120}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(20)}m_{030}^{(20)} - m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(20)}m_{021}^{(10)} + m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(21)}m_{021}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(22)}m_{120}^{(10)} - m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(22)}m_{030}^{(00)} + 2m_{000}^{(11)}m_{100}^{(22)}m_{120}^{(00)}m_{111}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(22)}m_{120}^{(20)}m_{111}^{(20)} - 2m_{000}^{(11)}m_{100}^{(22)}m_{111}^{(00)}m_{111}^{(21)} + 2m_{000}^{(11)}m_{100}^{(22)}m_{111}^{(10)}m_{111}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{120}^{(00)}m_{012}^{(22)} - m_{000}^{(11)}m_{001}^{(00)}m_{120}^{(00)}m_{003}^{(21)} - m_{000}^{(11)}m_{001}^{(00)}m_{120}^{(10)}m_{102}^{(22)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{120}^{(20)}m_{102}^{(21)} - m_{000}^{(11)}m_{001}^{(00)}m_{120}^{(20)}m_{012}^{(20)} + m_{000}^{(11)}m_{001}^{(00)}m_{120}^{(20)}m_{003}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{120}^{(21)}m_{102}^{(20)} - m_{000}^{(11)}m_{001}^{(00)}m_{120}^{(22)}m_{102}^{(10)} - 2m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(00)}m_{021}^{(22)}\\
&+2m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(00)}m_{012}^{(21)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(10)}m_{111}^{(22)} - 2m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(20)}m_{111}^{(21)}\\
&+2m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(20)}m_{021}^{(20)} - 2m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(20)}m_{012}^{(10)} + m_{000}^{(11)}m_{001}^{(00)}m_{102}^{(00)}m_{030}^{(22)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{102}^{(00)}m_{021}^{(21)} - m_{000}^{(11)}m_{001}^{(00)}m_{102}^{(20)}m_{030}^{(20)} + m_{000}^{(11)}m_{001}^{(00)}m_{102}^{(20)}m_{021}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{030}^{(00)}m_{003}^{(20)} - m_{000}^{(11)}m_{001}^{(00)}m_{030}^{(20)}m_{003}^{(00)} - 3m_{000}^{(11)}m_{001}^{(00)}m_{021}^{(00)}m_{012}^{(20)}\\
&+3m_{000}^{(11)}m_{001}^{(00)}m_{021}^{(20)}m_{012}^{(00)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(00)}m_{012}^{(22)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(00)}m_{003}^{(21)}\\
&+2m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(10)}m_{102}^{(22)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(20)}m_{102}^{(21)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(20)}m_{012}^{(20)}\\
&-2m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(20)}m_{003}^{(10)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(21)}m_{102}^{(20)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(22)}m_{102}^{(10)}\\
&+2m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(00)}m_{021}^{(22)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(00)}m_{012}^{(21)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(10)}m_{111}^{(22)}\\
&+2m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(20)}m_{111}^{(21)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(20)}m_{021}^{(20)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(20)}m_{012}^{(10)}\\
&+2m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(21)}m_{111}^{(20)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(22)}m_{111}^{(10)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{120}^{(00)}m_{003}^{(20)}
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&+2m_{000}^{(11)}m_{001}^{(10)}m_{120}^{(20)}m_{102}^{(20)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{120}^{(20)}m_{003}^{(00)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{120}^{(22)}m_{102}^{(00)}\\
&+2m_{000}^{(11)}m_{001}^{(10)}m_{111}^{(00)}m_{111}^{(22)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{111}^{(00)}m_{102}^{(21)} + 4m_{000}^{(11)}m_{001}^{(10)}m_{111}^{(00)}m_{012}^{(20)}\\
&-2m_{000}^{(11)}m_{001}^{(10)}m_{111}^{(10)}m_{102}^{(20)} - 2m_{000}^{(11)}m_{001}^{(10)}(m_{111}^{(20)})^2 + 2m_{000}^{(11)}m_{001}^{(10)}m_{111}^{(20)}m_{102}^{(10)}\\
&-4m_{000}^{(11)}m_{001}^{(10)}m_{111}^{(20)}m_{012}^{(00)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{111}^{(21)}m_{102}^{(00)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{102}^{(00)}m_{021}^{(20)}\\
&+2m_{000}^{(11)}m_{001}^{(10)}m_{102}^{(20)}m_{021}^{(00)} + m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(00)}m_{012}^{(22)} - m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(00)}m_{003}^{(21)}\\
&-m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(10)}m_{102}^{(22)} + m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(20)}m_{102}^{(21)} - m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(20)}m_{012}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(20)}m_{003}^{(10)} + m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(21)}m_{102}^{(20)} - m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(22)}m_{102}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{210}^{(00)}m_{003}^{(20)} - m_{000}^{(11)}m_{001}^{(11)}m_{210}^{(20)}m_{102}^{(20)} - m_{000}^{(11)}m_{001}^{(11)}m_{210}^{(20)}m_{003}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{210}^{(22)}m_{102}^{(00)} - 2m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(00)}m_{111}^{(22)} + 2m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(00)}m_{102}^{(21)}\\
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&-2m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(20)}m_{201}^{(21)} + 2m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(20)}m_{111}^{(20)} - 2m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(20)}m_{102}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(20)}m_{012}^{(00)} - m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(21)}m_{102}^{(00)} - 2m_{000}^{(11)}m_{001}^{(11)}m_{111}^{(00)}m_{102}^{(20)}\\
&+2m_{000}^{(11)}m_{001}^{(11)}m_{111}^{(20)}m_{102}^{(00)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(00)}m_{021}^{(22)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(00)}m_{012}^{(21)}\\
&-2m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(10)}m_{111}^{(22)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(20)}m_{111}^{(21)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(20)}m_{021}^{(20)}\\
&+2m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(20)}m_{012}^{(10)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(21)}m_{111}^{(20)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(22)}m_{111}^{(10)}\\
&-2m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(00)}m_{030}^{(22)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(00)}m_{021}^{(21)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(10)}m_{120}^{(22)}\\
&-2m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(20)}m_{120}^{(21)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(20)}m_{030}^{(20)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(20)}m_{021}^{(10)}\\
&-2m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(21)}m_{120}^{(20)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(22)}m_{120}^{(10)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{120}^{(00)}m_{111}^{(22)}\\
&+2m_{000}^{(11)}m_{001}^{(20)}m_{120}^{(00)}m_{102}^{(21)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{120}^{(00)}m_{012}^{(20)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{120}^{(20)}m_{102}^{(10)}\\
&-2m_{000}^{(11)}m_{001}^{(20)}m_{120}^{(20)}m_{012}^{(00)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{120}^{(22)}m_{111}^{(00)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{111}^{(00)}m_{111}^{(21)}\\
&-4m_{000}^{(11)}m_{001}^{(20)}m_{111}^{(00)}m_{021}^{(20)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{111}^{(10)}m_{111}^{(20)} + 4m_{000}^{(11)}m_{001}^{(20)}m_{111}^{(20)}m_{021}^{(00)}\\
&+2m_{000}^{(11)}m_{001}^{(20)}m_{102}^{(00)}m_{030}^{(20)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{102}^{(20)}m_{030}^{(00)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(00)}m_{021}^{(22)}\\
&+2m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(00)}m_{012}^{(21)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(10)}m_{111}^{(22)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(20)}m_{111}^{(21)}\\
&+2m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(20)}m_{021}^{(20)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(20)}m_{012}^{(10)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(21)}m_{111}^{(20)}\\
&+2m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(22)}m_{111}^{(10)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(00)}m_{111}^{(22)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(00)}m_{102}^{(21)}\\
&-2m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(00)}m_{012}^{(20)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(10)}m_{201}^{(22)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(20)}m_{201}^{(21)}\\
&+2m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(20)}m_{102}^{(10)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(20)}m_{012}^{(00)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(21)}m_{201}^{(20)}\\
&-2m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(22)}m_{201}^{(10)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(22)}m_{111}^{(00)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(00)}m_{120}^{(22)}\\
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&-2m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(20)}m_{120}^{(20)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(20)}m_{111}^{(10)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(20)}m_{021}^{(00)}\\
&+2m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(21)}m_{111}^{(00)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{120}^{(00)}m_{102}^{(20)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{120}^{(20)}m_{102}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(00)}m_{030}^{(22)} - m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(00)}m_{021}^{(21)} - m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(10)}m_{120}^{(22)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(20)}m_{120}^{(21)} - m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(20)}m_{030}^{(20)} + m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(20)}m_{021}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(21)}m_{120}^{(20)} - m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(22)}m_{120}^{(10)} - 2m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(00)}m_{120}^{(22)}\\
&+2m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(00)}m_{111}^{(21)} + m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(00)}m_{021}^{(20)} + 2m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(10)}m_{210}^{(22)}\\
&-2m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(20)}m_{210}^{(21)} + m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(20)}m_{120}^{(20)} - 2m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(20)}m_{111}^{(10)}\\
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&+m_{000}^{(11)}m_{001}^{(22)}m_{201}^{(10)}m_{120}^{(20)} + m_{000}^{(11)}m_{001}^{(22)}m_{201}^{(20)}m_{030}^{(00)} - m_{000}^{(11)}m_{001}^{(22)}m_{201}^{(21)}m_{120}^{(00)}
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&-2m_{000}^{(11)}m_{001}^{(22)}m_{120}^{(00)}m_{111}^{(20)} + 2m_{000}^{(11)}m_{001}^{(22)}m_{120}^{(20)}m_{111}^{(00)} + m_{000}^{(20)}m_{100}^{(00)}m_{120}^{(11)}m_{003}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(00)}m_{120}^{(21)}m_{012}^{(21)} - m_{000}^{(20)}m_{100}^{(00)}m_{120}^{(21)}m_{003}^{(11)} + m_{000}^{(20)}m_{100}^{(00)}m_{120}^{(22)}m_{012}^{(11)}\\
&-2m_{000}^{(20)}m_{100}^{(00)}m_{111}^{(11)}m_{012}^{(21)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{111}^{(21)}m_{021}^{(21)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{111}^{(21)}m_{012}^{(11)}\\
&-2m_{000}^{(20)}m_{100}^{(00)}m_{111}^{(22)}m_{021}^{(11)} + m_{000}^{(20)}m_{100}^{(00)}m_{102}^{(11)}m_{021}^{(21)} - m_{000}^{(20)}m_{100}^{(00)}m_{102}^{(21)}m_{030}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(00)}m_{102}^{(21)}m_{021}^{(11)} + m_{000}^{(20)}m_{100}^{(00)}m_{102}^{(22)}m_{030}^{(11)} - m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(10)}m_{012}^{(22)}\\
&-m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(11)}m_{003}^{(20)} + m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(20)}m_{012}^{(21)} + m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(21)}m_{012}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(21)}m_{003}^{(10)} - m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(22)}m_{012}^{(10)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{021}^{(10)}m_{021}^{(22)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{021}^{(10)}m_{012}^{(21)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{021}^{(11)}m_{012}^{(20)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{021}^{(20)}m_{021}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(00)}m_{021}^{(20)}m_{012}^{(11)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{021}^{(21)}m_{012}^{(10)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{210}^{(11)}m_{003}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(10)}m_{210}^{(21)}m_{012}^{(21)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{210}^{(21)}m_{003}^{(11)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{210}^{(22)}m_{012}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(10)}m_{201}^{(11)}m_{012}^{(21)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{201}^{(21)}m_{021}^{(21)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{201}^{(21)}m_{012}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(10)}m_{201}^{(22)}m_{021}^{(11)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(10)}m_{012}^{(22)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(11)}m_{102}^{(22)}\\
&+2m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(11)}m_{003}^{(20)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(20)}m_{012}^{(21)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(21)}m_{102}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(21)}m_{012}^{(20)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(21)}m_{003}^{(10)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(22)}m_{012}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(10)}m_{021}^{(22)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(10)}m_{012}^{(21)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(11)}m_{111}^{(22)}\\
&+4m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(11)}m_{102}^{(21)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(11)}m_{012}^{(20)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(20)}m_{021}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(20)}m_{012}^{(11)} - 2m_{000}^{(20)}m_{100}^{(10)}(m_{111}^{(21)})^2 - 4m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(21)}m_{102}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(21)}m_{021}^{(20)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(21)}m_{012}^{(10)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(22)}m_{021}^{(10)}\\
&+2m_{000}^{(20)}m_{100}^{(10)}m_{102}^{(10)}m_{021}^{(21)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{102}^{(20)}m_{021}^{(11)} + m_{000}^{(20)}m_{100}^{(11)}m_{300}^{(11)}m_{003}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{300}^{(21)}m_{012}^{(21)} - m_{000}^{(20)}m_{100}^{(11)}m_{300}^{(21)}m_{003}^{(11)} + m_{000}^{(20)}m_{100}^{(11)}m_{300}^{(22)}m_{012}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{210}^{(10)}m_{012}^{(22)} + m_{000}^{(20)}m_{100}^{(11)}m_{210}^{(11)}m_{102}^{(22)} - m_{000}^{(20)}m_{100}^{(11)}m_{210}^{(11)}m_{003}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{210}^{(20)}m_{012}^{(21)} - m_{000}^{(20)}m_{100}^{(11)}m_{210}^{(21)}m_{102}^{(21)} + m_{000}^{(20)}m_{100}^{(11)}m_{210}^{(21)}m_{012}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{210}^{(21)}m_{003}^{(10)} - m_{000}^{(20)}m_{100}^{(11)}m_{210}^{(22)}m_{012}^{(10)} + m_{000}^{(20)}m_{100}^{(11)}m_{201}^{(10)}m_{012}^{(21)}\\
&-3m_{000}^{(20)}m_{100}^{(11)}m_{201}^{(11)}m_{102}^{(21)} - m_{000}^{(20)}m_{100}^{(11)}m_{201}^{(20)}m_{012}^{(11)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{201}^{(21)}m_{111}^{(21)}\\
&+3m_{000}^{(20)}m_{100}^{(11)}m_{201}^{(21)}m_{102}^{(11)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{201}^{(22)}m_{111}^{(11)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(10)}m_{111}^{(22)}\\
&+2m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(11)}m_{102}^{(20)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(20)}m_{111}^{(21)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(21)}m_{102}^{(10)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{210}^{(11)}m_{012}^{(21)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{210}^{(21)}m_{021}^{(21)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{210}^{(21)}m_{012}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{210}^{(22)}m_{021}^{(11)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{201}^{(21)}m_{021}^{(21)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{201}^{(21)}m_{030}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{201}^{(21)}m_{021}^{(11)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{201}^{(22)}m_{030}^{(11)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(10)}m_{021}^{(22)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(11)}m_{111}^{(22)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(11)}m_{102}^{(21)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(11)}m_{012}^{(20)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(20)}m_{021}^{(21)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(21)}m_{102}^{(11)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(21)}m_{021}^{(20)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(21)}m_{012}^{(10)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(22)}m_{111}^{(11)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(22)}m_{021}^{(10)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(10)}m_{030}^{(22)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(10)}m_{021}^{(21)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(11)}m_{111}^{(20)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(20)}m_{030}^{(21)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(20)}m_{021}^{(11)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(21)}m_{030}^{(20)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(21)}m_{021}^{(10)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(22)}m_{030}^{(10)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{102}^{(10)}m_{030}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{102}^{(20)}m_{030}^{(11)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{300}^{(11)}m_{012}^{(21)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{300}^{(21)}m_{021}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{300}^{(21)}m_{012}^{(11)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{300}^{(22)}m_{021}^{(11)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(10)}m_{021}^{(22)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(11)}m_{111}^{(22)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(11)}m_{102}^{(21)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(11)}m_{012}^{(20)}
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&-2m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(20)}m_{021}^{(21)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(21)}m_{102}^{(11)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(21)}m_{021}^{(20)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(21)}m_{012}^{(10)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(22)}m_{111}^{(11)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(22)}m_{021}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(10)}m_{021}^{(21)} + 4m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(11)}m_{111}^{(21)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(20)}m_{021}^{(11)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(21)}m_{120}^{(21)} - 4m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(21)}m_{111}^{(11)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(22)}m_{120}^{(11)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(10)}m_{111}^{(22)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(11)}m_{102}^{(20)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(20)}m_{111}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(21)}m_{111}^{(20)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(21)}m_{102}^{(10)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(22)}m_{111}^{(10)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(10)}m_{111}^{(21)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(11)}m_{111}^{(20)} + m_{000}^{(20)}m_{100}^{(22)}m_{300}^{(11)}m_{021}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{300}^{(21)}m_{030}^{(21)} - m_{000}^{(20)}m_{100}^{(22)}m_{300}^{(21)}m_{021}^{(11)} + m_{000}^{(20)}m_{100}^{(22)}m_{300}^{(22)}m_{030}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{210}^{(10)}m_{030}^{(22)} + m_{000}^{(20)}m_{100}^{(22)}m_{210}^{(11)}m_{120}^{(22)} - 2m_{000}^{(20)}m_{100}^{(22)}m_{210}^{(11)}m_{111}^{(21)}\\
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&+2m_{000}^{(20)}m_{100}^{(22)}m_{210}^{(21)}m_{111}^{(11)} + m_{000}^{(20)}m_{100}^{(22)}m_{210}^{(21)}m_{030}^{(20)} + m_{000}^{(20)}m_{100}^{(22)}m_{210}^{(21)}m_{021}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(22)}m_{210}^{(22)}m_{120}^{(11)} - m_{000}^{(20)}m_{100}^{(22)}m_{210}^{(22)}m_{030}^{(10)} + m_{000}^{(20)}m_{100}^{(22)}m_{210}^{(10)}m_{201}^{(21)}m_{030}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{201}^{(11)}m_{120}^{(21)} - m_{000}^{(20)}m_{100}^{(22)}m_{201}^{(20)}m_{030}^{(11)} + m_{000}^{(20)}m_{100}^{(22)}m_{201}^{(21)}m_{120}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(10)}m_{120}^{(22)} + 2m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(11)}m_{111}^{(20)} - 2m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(20)}m_{120}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(21)}m_{111}^{(10)} + m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(10)}m_{012}^{(22)} - m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(11)}m_{102}^{(22)}\\
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&+2m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(21)}m_{102}^{(21)} + m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(21)}m_{012}^{(20)} - m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(22)}m_{102}^{(11)}\\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(10)}m_{021}^{(22)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(11)}m_{111}^{(22)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(11)}m_{012}^{(20)}\\
&+4m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(20)}m_{021}^{(21)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(20)}m_{012}^{(11)} - 2m_{000}^{(20)}m_{010}^{(00)}(m_{111}^{(21)})^2\\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(21)}m_{021}^{(20)} + m_{000}^{(20)}m_{010}^{(00)}m_{102}^{(10)}m_{030}^{(22)} - m_{000}^{(20)}m_{010}^{(00)}m_{102}^{(11)}m_{021}^{(20)}\\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{102}^{(20)}m_{030}^{(21)} + m_{000}^{(20)}m_{010}^{(00)}m_{102}^{(20)}m_{021}^{(11)} + m_{000}^{(20)}m_{010}^{(00)}m_{102}^{(21)}m_{030}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{030}^{(00)}m_{003}^{(21)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{030}^{(10)}m_{003}^{(20)} - m_{000}^{(20)}m_{010}^{(00)}m_{030}^{(20)}m_{003}^{(10)}\\
&+2m_{000}^{(20)}m_{010}^{(00)}m_{021}^{(00)}m_{012}^{(21)} + m_{000}^{(20)}m_{010}^{(00)}m_{021}^{(00)}m_{003}^{(11)} - 5m_{000}^{(20)}m_{010}^{(00)}m_{021}^{(10)}m_{012}^{(20)}\\
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&-m_{000}^{(20)}m_{010}^{(00)}m_{021}^{(21)}m_{012}^{(00)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{012}^{(00)}m_{012}^{(11)} + 2m_{000}^{(20)}m_{010}^{(00)}(m_{012}^{(10)})^2\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(10)}m_{012}^{(22)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(11)}m_{102}^{(22)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(11)}m_{003}^{(20)}\\
&+4m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(20)}m_{012}^{(21)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(20)}m_{003}^{(11)} - 4m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(21)}m_{102}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(21)}m_{012}^{(20)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(22)}m_{102}^{(11)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(10)}m_{021}^{(22)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(11)}m_{111}^{(22)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(11)}m_{012}^{(20)} - 4m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(20)}m_{021}^{(21)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(20)}m_{012}^{(11)} + 4m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(21)}m_{111}^{(21)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(21)}m_{021}^{(20)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(22)}m_{111}^{(11)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{120}^{(00)}m_{003}^{(21)} - 4m_{000}^{(20)}m_{010}^{(10)}m_{120}^{(10)}m_{003}^{(20)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{120}^{(20)}m_{102}^{(21)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{120}^{(20)}m_{003}^{(10)} + 4m_{000}^{(20)}m_{010}^{(10)}m_{120}^{(21)}m_{102}^{(20)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{120}^{(22)}m_{102}^{(10)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(00)}m_{012}^{(21)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(00)}m_{003}^{(11)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(10)}m_{111}^{(22)} + 6m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(10)}m_{012}^{(20)} + 4m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(10)}m_{003}^{(10)}\\
&-4m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(11)}m_{102}^{(20)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(11)}m_{003}^{(00)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(20)}m_{111}^{(21)}\\
&+4m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(20)}m_{102}^{(11)} - 6m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(20)}m_{012}^{(10)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(21)}m_{012}^{(00)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{102}^{(00)}m_{012}^{(11)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{102}^{(10)}m_{021}^{(20)} - 4m_{000}^{(20)}m_{010}^{(10)}m_{102}^{(10)}m_{012}^{(10)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{102}^{(11)}m_{012}^{(00)} + 4m_{000}^{(20)}m_{010}^{(10)}m_{102}^{(20)}m_{021}^{(10)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{102}^{(21)}m_{021}^{(00)}
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&+m_{000}^{(20)}m_{010}^{(11)}m_{300}^{(10)}m_{012}^{(22)} - m_{000}^{(20)}m_{010}^{(11)}m_{300}^{(11)}m_{102}^{(22)} - m_{000}^{(20)}m_{010}^{(11)}m_{300}^{(11)}m_{003}^{(20)}\\
&-2m_{000}^{(20)}m_{010}^{(11)}m_{300}^{(20)}m_{012}^{(21)} + m_{000}^{(20)}m_{010}^{(11)}m_{300}^{(20)}m_{003}^{(11)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{300}^{(21)}m_{102}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{300}^{(21)}m_{012}^{(20)} - m_{000}^{(20)}m_{010}^{(11)}m_{300}^{(22)}m_{102}^{(11)} - m_{000}^{(20)}m_{010}^{(11)}m_{210}^{(00)}m_{003}^{(21)}\\
&+2m_{000}^{(20)}m_{010}^{(11)}m_{210}^{(10)}m_{003}^{(20)} + m_{000}^{(20)}m_{010}^{(11)}m_{210}^{(20)}m_{102}^{(21)} - m_{000}^{(20)}m_{010}^{(11)}m_{210}^{(20)}m_{003}^{(10)}\\
&-2m_{000}^{(20)}m_{010}^{(11)}m_{210}^{(21)}m_{102}^{(20)} + m_{000}^{(20)}m_{010}^{(11)}m_{210}^{(22)}m_{102}^{(10)} + m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(00)}m_{003}^{(11)}\\
&-2m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(10)}m_{111}^{(22)} - m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(10)}m_{012}^{(20)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(10)}m_{003}^{(10)}\\
&+2m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(11)}m_{201}^{(22)} + 3m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(11)}m_{102}^{(20)} + m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(11)}m_{003}^{(00)}\\
&+4m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(20)}m_{111}^{(21)} - 3m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(20)}m_{102}^{(11)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(20)}m_{012}^{(10)}\\
&-2m_{000}^{(20)}m_{010}^{(11)}(m_{201}^{(21)})^2 - 2m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(21)}m_{111}^{(20)} - m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(21)}m_{012}^{(00)}\\
&+2m_{000}^{(20)}m_{010}^{(11)}m_{111}^{(00)}m_{102}^{(21)} - 4m_{000}^{(20)}m_{010}^{(11)}m_{111}^{(10)}m_{102}^{(20)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{111}^{(20)}m_{102}^{(10)}\\
&-2m_{000}^{(20)}m_{010}^{(11)}m_{102}^{(00)}m_{102}^{(11)} + 2m_{000}^{(20)}m_{010}^{(11)}(m_{102}^{(10)})^2 + 2m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(10)}m_{021}^{(22)}\\
&-2m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(11)}m_{111}^{(22)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(11)}m_{012}^{(20)} - 4m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(20)}m_{021}^{(21)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(20)}m_{012}^{(11)} + 4m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(21)}m_{111}^{(21)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(21)}m_{021}^{(20)}\\
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&+2m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(11)}m_{021}^{(20)} + 4m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(20)}m_{030}^{(21)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(20)}m_{021}^{(11)}\\
&-4m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(21)}m_{120}^{(21)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(21)}m_{030}^{(20)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(22)}m_{120}^{(11)}\\
&-2m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(00)}m_{012}^{(21)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(10)}m_{111}^{(22)} + 4m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(10)}m_{012}^{(20)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(11)}m_{102}^{(20)} + 6m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(20)}m_{111}^{(21)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(20)}m_{102}^{(11)}\\
&-2m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(20)}m_{012}^{(10)} - 6m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(21)}m_{111}^{(20)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(22)}m_{111}^{(10)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{111}^{(00)}m_{021}^{(21)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{111}^{(00)}m_{012}^{(11)} - 6m_{000}^{(20)}m_{010}^{(20)}m_{111}^{(10)}m_{021}^{(20)}\\
&-4m_{000}^{(20)}m_{010}^{(20)}m_{111}^{(10)}m_{012}^{(10)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{111}^{(11)}m_{012}^{(00)} + 6m_{000}^{(20)}m_{010}^{(20)}m_{111}^{(20)}m_{021}^{(10)}\\
&-2m_{000}^{(20)}m_{010}^{(20)}m_{111}^{(21)}m_{021}^{(00)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{102}^{(00)}m_{021}^{(11)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{102}^{(10)}m_{030}^{(20)}\\
&+4m_{000}^{(20)}m_{010}^{(20)}m_{102}^{(10)}m_{021}^{(10)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{102}^{(11)}m_{021}^{(00)} - 4m_{000}^{(20)}m_{010}^{(20)}m_{102}^{(20)}m_{030}^{(10)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{102}^{(21)}m_{030}^{(00)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(10)}m_{021}^{(22)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(11)}m_{111}^{(22)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(11)}m_{012}^{(20)} + 4m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(20)}m_{021}^{(21)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(20)}m_{012}^{(11)}\\
&-4m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(21)}m_{111}^{(21)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(21)}m_{021}^{(20)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(22)}m_{111}^{(11)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(00)}m_{012}^{(21)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(10)}m_{111}^{(22)} - 4m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(10)}m_{012}^{(20)}\\
&-2m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(11)}m_{201}^{(22)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(11)}m_{102}^{(20)} - 6m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(20)}m_{111}^{(21)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(20)}m_{102}^{(11)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(20)}m_{012}^{(10)} + 4m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(21)}m_{201}^{(21)}\\
&+6m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(21)}m_{111}^{(20)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(22)}m_{201}^{(11)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(22)}m_{111}^{(10)}\\
&-2m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(00)}m_{012}^{(11)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(10)}m_{120}^{(22)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(10)}m_{021}^{(20)}\\
&+4m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(10)}m_{012}^{(10)} - 4m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(11)}m_{111}^{(20)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(11)}m_{012}^{(00)}\\
&-4m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(20)}m_{120}^{(21)} + 4m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(20)}m_{111}^{(11)} - 4m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(20)}m_{021}^{(10)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(21)}m_{120}^{(20)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(21)}m_{021}^{(00)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(00)}m_{102}^{(21)}\\
&+4m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(10)}m_{102}^{(20)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(20)}m_{102}^{(10)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(00)}m_{111}^{(21)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(00)}m_{111}^{(11)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(10)}m_{111}^{(20)} - 4m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(10)}m_{102}^{(10)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(11)}m_{102}^{(00)} + m_{000}^{(20)}m_{010}^{(22)}m_{300}^{(10)}m_{030}^{(22)} - m_{000}^{(20)}m_{010}^{(22)}m_{300}^{(11)}m_{120}^{(22)}\\
&-m_{000}^{(20)}m_{010}^{(22)}m_{300}^{(11)}m_{021}^{(20)} - 2m_{000}^{(20)}m_{010}^{(22)}m_{300}^{(20)}m_{030}^{(21)} + m_{000}^{(20)}m_{010}^{(22)}m_{300}^{(20)}m_{021}^{(11)}
\end{aligned}
$$

$$+2m_{000}^{(20)}m_{010}^{(22)}m_{300}^{(21)}m_{120}^{(21)}+m_{000}^{(20)}m_{010}^{(22)}m_{300}^{(21)}m_{030}^{(20)}-m_{000}^{(20)}m_{010}^{(22)}m_{300}^{(22)}m_{120}^{(11)}$$
$$-m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(00)}m_{021}^{(21)}-2m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(10)}m_{120}^{(22)}+2m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(10)}m_{021}^{(20)}$$
$$+2m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(11)}m_{210}^{(22)}+2m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(11)}m_{111}^{(20)}+5m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(20)}m_{120}^{(21)}$$
$$-2m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(20)}m_{111}^{(11)}-m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(20)}m_{021}^{(10)}-2m_{000}^{(20)}m_{010}^{(22)}(m_{210}^{(21)})^2$$
$$-4m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(21)}m_{120}^{(20)}+m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(22)}m_{120}^{(10)}+m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(00)}m_{021}^{(11)}$$
$$-m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(10)}m_{030}^{(20)}-2m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(10)}m_{021}^{(10)}+m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(11)}m_{120}^{(20)}$$
$$+m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(11)}m_{021}^{(00)}-m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(20)}m_{120}^{(11)}+2m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(20)}m_{030}^{(10)}$$
$$-m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(21)}m_{030}^{(00)}+2m_{000}^{(20)}m_{010}^{(22)}m_{120}^{(00)}m_{111}^{(21)}-4m_{000}^{(20)}m_{010}^{(22)}m_{120}^{(10)}m_{111}^{(20)}$$
$$+2m_{000}^{(20)}m_{010}^{(22)}m_{120}^{(20)}m_{111}^{(10)}-2m_{000}^{(20)}m_{010}^{(22)}m_{111}^{(00)}m_{111}^{(11)}+2m_{000}^{(20)}m_{010}^{(22)}(m_{111}^{(10)})^2$$
$$-m_{000}^{(20)}m_{001}^{(00)}m_{120}^{(10)}m_{003}^{(11)}+m_{000}^{(20)}m_{001}^{(00)}m_{120}^{(11)}m_{003}^{(10)}+m_{000}^{(20)}m_{001}^{(00)}m_{120}^{(20)}m_{012}^{(11)}$$
$$-m_{000}^{(20)}m_{001}^{(00)}m_{120}^{(21)}m_{012}^{(10)}+2m_{000}^{(20)}m_{001}^{(00)}m_{111}^{(10)}m_{012}^{(11)}-2m_{000}^{(20)}m_{001}^{(00)}m_{111}^{(11)}m_{012}^{(10)}$$
$$-2m_{000}^{(20)}m_{001}^{(00)}m_{111}^{(20)}m_{021}^{(11)}+2m_{000}^{(20)}m_{001}^{(00)}m_{111}^{(21)}m_{021}^{(10)}-m_{000}^{(20)}m_{001}^{(00)}m_{102}^{(10)}m_{021}^{(11)}$$
$$+m_{000}^{(20)}m_{001}^{(00)}m_{102}^{(11)}m_{021}^{(10)}+m_{000}^{(20)}m_{001}^{(00)}m_{102}^{(20)}m_{030}^{(11)}-m_{000}^{(20)}m_{001}^{(00)}m_{102}^{(21)}m_{030}^{(10)}$$
$$+m_{000}^{(20)}m_{001}^{(00)}m_{030}^{(00)}m_{012}^{(21)}-m_{000}^{(20)}m_{001}^{(00)}m_{030}^{(10)}m_{012}^{(20)}+m_{000}^{(20)}m_{001}^{(00)}m_{030}^{(10)}m_{003}^{(10)}$$
$$-m_{000}^{(20)}m_{001}^{(00)}m_{030}^{(11)}m_{003}^{(00)}-m_{000}^{(20)}m_{001}^{(00)}m_{030}^{(20)}m_{012}^{(10)}+m_{000}^{(20)}m_{001}^{(00)}m_{030}^{(21)}m_{012}^{(00)}$$
$$-2m_{000}^{(20)}m_{001}^{(00)}m_{021}^{(00)}m_{021}^{(21)}-m_{000}^{(20)}m_{001}^{(00)}m_{021}^{(00)}m_{012}^{(11)}+2m_{000}^{(20)}m_{001}^{(00)}m_{021}^{(10)}m_{021}^{(20)}$$
$$-m_{000}^{(20)}m_{001}^{(00)}m_{021}^{(10)}m_{012}^{(10)}+2m_{000}^{(20)}m_{001}^{(00)}m_{021}^{(11)}m_{012}^{(00)}+2m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(10)}m_{003}^{(11)}$$
$$-2m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(11)}m_{003}^{(10)}-2m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(20)}m_{012}^{(11)}+2m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(21)}m_{012}^{(10)}$$
$$-2m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(10)}m_{012}^{(11)}+2m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(11)}m_{012}^{(10)}+2m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(20)}m_{021}^{(11)}$$
$$-2m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(21)}m_{021}^{(10)}-2m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(00)}m_{012}^{(21)}+2m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(10)}m_{102}^{(21)}$$
$$+2m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(10)}m_{012}^{(20)}-2m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(10)}m_{003}^{(10)}-2m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(11)}m_{102}^{(20)}$$
$$+2m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(11)}m_{003}^{(00)}+2m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(20)}m_{012}^{(10)}-2m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(21)}m_{012}^{(00)}$$
$$+2m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(00)}m_{021}^{(21)}+2m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(00)}m_{012}^{(11)}-2m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(10)}m_{111}^{(21)}$$
$$-4m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(10)}m_{102}^{(11)}-2m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(10)}m_{021}^{(20)}+2m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(11)}m_{111}^{(20)}$$
$$+4m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(11)}m_{102}^{(10)}-2m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(11)}m_{012}^{(00)}-2m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(20)}m_{021}^{(10)}$$
$$+2m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(21)}m_{021}^{(00)}-2m_{000}^{(20)}m_{001}^{(10)}m_{102}^{(00)}m_{021}^{(11)}+2m_{000}^{(20)}m_{001}^{(10)}m_{102}^{(10)}m_{021}^{(10)}$$
$$-m_{000}^{(20)}m_{001}^{(11)}m_{300}^{(10)}m_{003}^{(11)}+m_{000}^{(20)}m_{001}^{(11)}m_{300}^{(11)}m_{003}^{(10)}+m_{000}^{(20)}m_{001}^{(11)}m_{300}^{(20)}m_{012}^{(11)}$$
$$-m_{000}^{(20)}m_{001}^{(11)}m_{300}^{(21)}m_{012}^{(10)}+m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(00)}m_{012}^{(21)}-m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(10)}m_{102}^{(21)}$$
$$-m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(10)}m_{012}^{(20)}+m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(10)}m_{003}^{(10)}+m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(11)}m_{102}^{(20)}$$
$$-m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(11)}m_{003}^{(00)}-m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(20)}m_{012}^{(10)}+m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(21)}m_{012}^{(00)}$$
$$-m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(00)}m_{012}^{(11)}+3m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(10)}m_{102}^{(11)}+m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(10)}m_{012}^{(10)}$$
$$-3m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(11)}m_{102}^{(10)}-2m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(20)}m_{111}^{(11)}+2m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(21)}m_{111}^{(10)}$$
$$-2m_{000}^{(20)}m_{001}^{(11)}m_{111}^{(00)}m_{111}^{(21)}+2m_{000}^{(20)}m_{001}^{(11)}m_{111}^{(10)}m_{111}^{(20)}-2m_{000}^{(20)}m_{001}^{(11)}m_{111}^{(10)}m_{102}^{(10)}$$
$$+2m_{000}^{(20)}m_{001}^{(11)}m_{111}^{(11)}m_{102}^{(00)}-2m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(10)}m_{012}^{(11)}+2m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(11)}m_{012}^{(10)}$$
$$+2m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(20)}m_{021}^{(11)}-2m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(21)}m_{021}^{(10)}+2m_{000}^{(20)}m_{001}^{(20)}m_{201}^{(10)}m_{021}^{(11)}$$
$$-2m_{000}^{(20)}m_{001}^{(20)}m_{201}^{(11)}m_{021}^{(10)}-2m_{000}^{(20)}m_{001}^{(20)}m_{201}^{(20)}m_{030}^{(11)}+2m_{000}^{(20)}m_{001}^{(20)}m_{201}^{(21)}m_{030}^{(10)}$$
$$+2m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(00)}m_{021}^{(21)}-2m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(10)}m_{111}^{(21)}+2m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(10)}m_{102}^{(11)}$$
$$-2m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(10)}m_{021}^{(20)}+2m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(10)}m_{012}^{(10)}+2m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(11)}m_{111}^{(20)}$$

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\begin{aligned}
&-2m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(11)}m_{102}^{(10)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(11)}m_{012}^{(00)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(20)}m_{111}^{(11)}\\
&-2m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(20)}m_{021}^{(10)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(21)}m_{111}^{(10)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(21)}m_{021}^{(00)}\\
&-2m_{000}^{(20)}m_{001}^{(20)}m_{111}^{(00)}m_{030}^{(21)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{111}^{(00)}m_{021}^{(11)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{111}^{(10)}m_{030}^{(20)}\\
&+2m_{000}^{(20)}m_{001}^{(20)}m_{111}^{(11)}m_{021}^{(00)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{111}^{(20)}m_{030}^{(10)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{111}^{(21)}m_{030}^{(00)}\\
&+2m_{000}^{(20)}m_{001}^{(20)}m_{102}^{(00)}m_{030}^{(11)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{102}^{(10)}m_{030}^{(10)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(10)}m_{012}^{(11)}\\
&-2m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(11)}m_{012}^{(10)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(20)}m_{021}^{(11)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(21)}m_{021}^{(10)}\\
&-2m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(00)}m_{021}^{(21)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(10)}m_{111}^{(21)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(10)}m_{102}^{(11)}\\
&+2m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(10)}m_{021}^{(20)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(10)}m_{012}^{(10)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(11)}m_{111}^{(20)}\\
&+2m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(11)}m_{102}^{(10)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(11)}m_{012}^{(00)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(20)}m_{111}^{(11)}\\
&+2m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(20)}m_{021}^{(10)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(21)}m_{111}^{(10)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(21)}m_{021}^{(00)}\\
&+2m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(00)}m_{021}^{(11)} - 4m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(10)}m_{111}^{(11)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(10)}m_{021}^{(10)}\\
&+4m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(11)}m_{111}^{(10)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(20)}m_{120}^{(11)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(21)}m_{120}^{(10)}\\
&+2m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(00)}m_{111}^{(21)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(10)}m_{111}^{(20)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(10)}m_{102}^{(10)}\\
&-2m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(11)}m_{102}^{(00)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(20)}m_{111}^{(10)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(21)}m_{111}^{(00)}\\
&-2m_{000}^{(20)}m_{001}^{(21)}m_{111}^{(00)}m_{111}^{(11)} + 2m_{000}^{(20)}m_{001}^{(21)}(m_{111}^{(10)})^2 - m_{000}^{(20)}m_{001}^{(22)}m_{300}^{(10)}m_{021}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(22)}m_{300}^{(11)}m_{021}^{(10)} + m_{000}^{(20)}m_{001}^{(22)}m_{300}^{(20)}m_{030}^{(11)} - m_{000}^{(20)}m_{001}^{(22)}m_{300}^{(21)}m_{030}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(00)}m_{030}^{(21)} - m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(10)}m_{120}^{(21)} + 2m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(10)}m_{111}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(10)}m_{030}^{(20)} + m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(10)}m_{021}^{(10)} + m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(11)}m_{120}^{(20)}\\
&-2m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(11)}m_{111}^{(10)} - m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(11)}m_{021}^{(00)} - 2m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(20)}m_{111}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(20)}m_{030}^{(10)} + 2m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(21)}m_{120}^{(10)} + m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(21)}m_{030}^{(00)}\\
&-m_{000}^{(20)}m_{001}^{(22)}m_{201}^{(00)}m_{030}^{(11)} + m_{000}^{(20)}m_{001}^{(22)}m_{201}^{(10)}m_{120}^{(11)} + m_{000}^{(20)}m_{001}^{(22)}m_{201}^{(10)}m_{030}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(22)}m_{201}^{(11)}m_{120}^{(10)} - 2m_{000}^{(20)}m_{001}^{(22)}m_{120}^{(00)}m_{120}^{(21)} + 2m_{000}^{(20)}m_{001}^{(22)}m_{120}^{(10)}m_{120}^{(20)}\\
&-2m_{000}^{(20)}m_{001}^{(22)}m_{120}^{(10)}m_{111}^{(10)} + 2m_{000}^{(20)}m_{001}^{(22)}m_{120}^{(11)}m_{111}^{(00)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(10)}m_{003}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(11)}m_{003}^{(20)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(20)}m_{012}^{(21)} - m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(21)}m_{012}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(21)}m_{003}^{(10)} - m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(22)}m_{012}^{(10)} + 4m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(10)}m_{012}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(11)}m_{012}^{(20)} - 4m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(20)}m_{021}^{(21)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(21)}m_{021}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(21)}m_{012}^{(10)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(22)}m_{021}^{(10)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(10)}m_{021}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(11)}m_{021}^{(20)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(20)}m_{030}^{(21)} - m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(21)}m_{030}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(21)}m_{021}^{(10)} - m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(22)}m_{030}^{(10)} + m_{000}^{(21)}m_{100}^{(00)}m_{030}^{(00)}m_{012}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{030}^{(00)}m_{003}^{(21)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{030}^{(20)}m_{012}^{(20)} - m_{000}^{(21)}m_{100}^{(00)}m_{030}^{(21)}m_{003}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{030}^{(22)}m_{012}^{(00)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{021}^{(00)}m_{021}^{(22)} - 3m_{000}^{(21)}m_{100}^{(00)}m_{021}^{(00)}m_{012}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{021}^{(00)}m_{003}^{(11)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{021}^{(10)}m_{003}^{(10)} - m_{000}^{(21)}m_{100}^{(00)}m_{021}^{(11)}m_{003}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(00)}(m_{021}^{(20)})^2 + 3m_{000}^{(21)}m_{100}^{(00)}m_{021}^{(21)}m_{012}^{(00)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{012}^{(00)}m_{012}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}(m_{012}^{(10)})^2 + 4m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(10)}m_{003}^{(21)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(11)}m_{003}^{(20)}\\
&-4m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(20)}m_{012}^{(21)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(21)}m_{012}^{(20)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(21)}m_{003}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(22)}m_{012}^{(10)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(10)}m_{012}^{(21)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(11)}m_{012}^{(20)}\\
&+4m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(20)}m_{021}^{(21)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(21)}m_{021}^{(20)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(21)}m_{012}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(22)}m_{021}^{(10)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(00)}m_{012}^{(22)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(00)}m_{003}^{(21)}
\end{aligned}
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\begin{aligned}
&+2m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(10)}m_{102}^{(22)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(20)}m_{102}^{(21)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(20)}m_{012}^{(20)}\\
&-4m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(21)}m_{102}^{(20)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(21)}m_{003}^{(00)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(22)}m_{012}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(00)}m_{021}^{(22)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(00)}m_{012}^{(21)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(00)}m_{003}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(10)}m_{111}^{(22)} - 6m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(10)}m_{102}^{(21)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(10)}m_{003}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(11)}m_{102}^{(20)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(11)}m_{003}^{(00)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(20)}m_{111}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(20)}m_{102}^{(11)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(20)}m_{021}^{(20)} + 6m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(21)}m_{102}^{(10)}\\
&-4m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(21)}m_{012}^{(00)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(22)}m_{021}^{(00)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(00)}m_{102}^{(21)}m_{021}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{102}^{(00)}m_{012}^{(11)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{102}^{(10)}m_{012}^{(10)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{102}^{(11)}m_{012}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{102}^{(21)}m_{021}^{(00)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{300}^{(10)}m_{003}^{(21)} + m_{000}^{(21)}m_{100}^{(11)}m_{300}^{(11)}m_{003}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(11)}m_{300}^{(20)}m_{012}^{(21)} - m_{000}^{(21)}m_{100}^{(11)}m_{300}^{(21)}m_{012}^{(20)} + m_{000}^{(21)}m_{100}^{(11)}m_{300}^{(21)}m_{003}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{300}^{(22)}m_{012}^{(10)} + m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(00)}m_{012}^{(22)} + m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(00)}m_{003}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(10)}m_{102}^{(22)} - m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(20)}m_{102}^{(21)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(20)}m_{012}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(21)}m_{102}^{(20)} - m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(21)}m_{003}^{(00)} + m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(22)}m_{012}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(00)}m_{012}^{(21)} - m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(00)}m_{003}^{(11)} + 5m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(10)}m_{102}^{(21)}\\
&+2m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(10)}m_{003}^{(10)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(11)}m_{102}^{(20)} - m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(11)}m_{003}^{(00)}\\
&-4m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(20)}m_{111}^{(21)} + m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(20)}m_{102}^{(11)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(21)}m_{111}^{(20)}\\
&-4m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(21)}m_{102}^{(10)} + m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(21)}m_{012}^{(00)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(22)}m_{111}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(11)}m_{111}^{(00)}m_{111}^{(22)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{111}^{(00)}m_{102}^{(21)} + 2m_{000}^{(21)}m_{100}^{(11)}(m_{111}^{(20)})^2\\
&+2m_{000}^{(21)}m_{100}^{(11)}m_{111}^{(21)}m_{102}^{(00)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{102}^{(00)}m_{102}^{(11)} - 2m_{000}^{(21)}m_{100}^{(11)}(m_{102}^{(10)})^2\\
&-4m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(10)}m_{012}^{(21)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(11)}m_{012}^{(20)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(20)}m_{021}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(21)}m_{021}^{(20)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(21)}m_{012}^{(10)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(22)}m_{021}^{(10)}\\
&+4m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(10)}m_{021}^{(21)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(11)}m_{021}^{(20)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(20)}m_{030}^{(21)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(21)}m_{030}^{(20)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(21)}m_{021}^{(10)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(22)}m_{030}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(00)}m_{021}^{(22)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(00)}m_{012}^{(21)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(10)}m_{111}^{(22)}\\
&+4m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(10)}m_{102}^{(21)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(11)}m_{102}^{(20)} - 6m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(20)}m_{111}^{(21)}\\
&-4m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(20)}m_{021}^{(20)} + 6m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(21)}m_{111}^{(20)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(21)}m_{102}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(21)}m_{012}^{(00)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(22)}m_{111}^{(10)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(22)}m_{021}^{(00)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(00)}m_{030}^{(22)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(00)}m_{021}^{(21)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(00)}m_{012}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(10)}m_{111}^{(21)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(10)}m_{012}^{(10)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(11)}m_{111}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(11)}m_{012}^{(00)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(20)}m_{030}^{(20)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(21)}m_{021}^{(00)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(22)}m_{030}^{(00)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{102}^{(00)}m_{030}^{(21)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{102}^{(00)}m_{021}^{(11)}\\
&-4m_{000}^{(21)}m_{100}^{(20)}m_{102}^{(10)}m_{021}^{(10)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{102}^{(11)}m_{021}^{(00)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{102}^{(21)}m_{030}^{(00)}\\
&+4m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(10)}m_{012}^{(21)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(11)}m_{012}^{(20)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(20)}m_{021}^{(21)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(21)}m_{021}^{(20)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(21)}m_{012}^{(10)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(22)}m_{021}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(00)}m_{021}^{(22)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(00)}m_{012}^{(21)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(10)}m_{111}^{(22)}\\
&-4m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(10)}m_{102}^{(21)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(11)}m_{102}^{(20)} + 6m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(20)}m_{111}^{(21)}\\
&+4m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(20)}m_{021}^{(20)} - 6m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(21)}m_{111}^{(20)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(21)}m_{102}^{(10)}\\
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&+2m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(00)}m_{021}^{(21)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(00)}m_{012}^{(11)} - 6m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(10)}m_{111}^{(21)}\\
&-4m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(10)}m_{012}^{(10)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(11)}m_{111}^{(20)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(11)}m_{012}^{(00)}\\
&+4m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(20)}m_{120}^{(21)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(20)}m_{111}^{(11)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(21)}m_{120}^{(20)}\\
&+6m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(21)}m_{111}^{(10)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(21)}m_{021}^{(00)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(22)}m_{120}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{120}^{(00)}m_{111}^{(22)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{120}^{(00)}m_{102}^{(21)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{120}^{(20)}m_{111}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{120}^{(21)}m_{102}^{(00)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{120}^{(22)}m_{111}^{(00)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{111}^{(00)}m_{102}^{(11)}\\
&+4m_{000}^{(21)}m_{100}^{(21)}m_{111}^{(10)}m_{102}^{(10)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{111}^{(11)}m_{102}^{(00)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{100}^{(10)}m_{300}^{(21)}m_{021}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{300}^{(11)}m_{021}^{(20)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{300}^{(20)}m_{030}^{(21)} - m_{000}^{(21)}m_{100}^{(22)}m_{300}^{(21)}m_{030}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{300}^{(21)}m_{021}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{300}^{(22)}m_{030}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(00)}m_{030}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(00)}m_{021}^{(21)} - m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(10)}m_{120}^{(22)} + 4m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(10)}m_{111}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(11)}m_{111}^{(20)} - 5m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(20)}m_{120}^{(21)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(20)}m_{030}^{(20)}\\
&+4m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(21)}m_{120}^{(20)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(21)}m_{111}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(21)}m_{021}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(22)}m_{120}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(22)}m_{030}^{(00)} - m_{000}^{(21)}m_{100}^{(22)}m_{201}^{(00)}m_{030}^{(21)}\\
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&+2m_{000}^{(21)}m_{100}^{(22)}(m_{120}^{(20)})^2 + 2m_{000}^{(21)}m_{100}^{(22)}m_{120}^{(21)}m_{111}^{(00)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{120}^{(00)}m_{111}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(22)}(m_{111}^{(10)})^2 - m_{000}^{(21)}m_{010}^{(00)}m_{120}^{(00)}m_{012}^{(22)} + m_{000}^{(21)}m_{010}^{(00)}m_{120}^{(00)}m_{003}^{(21)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{120}^{(10)}m_{102}^{(22)} - m_{000}^{(21)}m_{010}^{(00)}m_{120}^{(20)}m_{102}^{(21)} + m_{000}^{(21)}m_{010}^{(00)}m_{120}^{(20)}m_{012}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{120}^{(20)}m_{003}^{(10)} - m_{000}^{(21)}m_{010}^{(00)}m_{120}^{(21)}m_{102}^{(20)} + m_{000}^{(21)}m_{010}^{(00)}m_{120}^{(22)}m_{102}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(00)}m_{111}^{(00)}m_{021}^{(22)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{111}^{(00)}m_{012}^{(21)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{111}^{(10)}m_{111}^{(22)}\\
&+2m_{000}^{(21)}m_{010}^{(00)}m_{111}^{(20)}m_{111}^{(21)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{111}^{(20)}m_{021}^{(20)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{111}^{(20)}m_{012}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{102}^{(00)}m_{030}^{(22)} + m_{000}^{(21)}m_{010}^{(00)}m_{102}^{(00)}m_{021}^{(21)} + m_{000}^{(21)}m_{010}^{(00)}m_{102}^{(20)}m_{030}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{102}^{(20)}m_{021}^{(10)} - m_{000}^{(21)}m_{010}^{(00)}m_{030}^{(00)}m_{003}^{(20)} + m_{000}^{(21)}m_{010}^{(00)}m_{030}^{(20)}m_{003}^{(00)}\\
&+3m_{000}^{(21)}m_{010}^{(00)}m_{021}^{(00)}m_{012}^{(20)} - 3m_{000}^{(21)}m_{010}^{(00)}m_{021}^{(20)}m_{012}^{(00)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{210}^{(00)}m_{012}^{(22)}\\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{210}^{(00)}m_{003}^{(21)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{210}^{(10)}m_{102}^{(22)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{210}^{(20)}m_{102}^{(21)}\\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{210}^{(20)}m_{012}^{(20)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{210}^{(20)}m_{003}^{(10)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{210}^{(21)}m_{102}^{(20)}\\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{210}^{(22)}m_{102}^{(10)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(00)}m_{021}^{(22)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(00)}m_{012}^{(21)}\\
&+2m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(10)}m_{111}^{(22)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(20)}m_{111}^{(21)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(20)}m_{021}^{(20)}\\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(20)}m_{012}^{(10)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(21)}m_{111}^{(20)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(22)}m_{111}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(10)}m_{120}^{(00)}m_{003}^{(20)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{120}^{(20)}m_{102}^{(20)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{120}^{(20)}m_{003}^{(00)}\\
&+2m_{000}^{(21)}m_{010}^{(10)}m_{120}^{(22)}m_{102}^{(00)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{111}^{(00)}m_{111}^{(22)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{111}^{(00)}m_{102}^{(21)}\\
&-4m_{000}^{(21)}m_{010}^{(10)}m_{111}^{(00)}m_{012}^{(20)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{111}^{(10)}m_{102}^{(20)} + 2m_{000}^{(21)}m_{010}^{(10)}(m_{111}^{(20)})^2\\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{111}^{(20)}m_{102}^{(10)} + 4m_{000}^{(21)}m_{010}^{(10)}m_{111}^{(20)}m_{012}^{(00)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{111}^{(21)}m_{102}^{(00)}\\
&+2m_{000}^{(21)}m_{010}^{(10)}m_{102}^{(00)}m_{021}^{(20)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{102}^{(20)}m_{021}^{(00)} - m_{000}^{(21)}m_{010}^{(11)}m_{300}^{(00)}m_{012}^{(22)}\\
&+m_{000}^{(21)}m_{010}^{(11)}m_{300}^{(00)}m_{003}^{(21)} + m_{000}^{(21)}m_{010}^{(11)}m_{300}^{(10)}m_{102}^{(22)} - m_{000}^{(21)}m_{010}^{(11)}m_{300}^{(20)}m_{102}^{(21)}\\
&+m_{000}^{(21)}m_{010}^{(11)}m_{300}^{(20)}m_{012}^{(20)} - m_{000}^{(21)}m_{010}^{(11)}m_{300}^{(20)}m_{003}^{(10)} - m_{000}^{(21)}m_{010}^{(11)}m_{300}^{(21)}m_{102}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(11)}m_{300}^{(22)}m_{102}^{(10)} - m_{000}^{(21)}m_{010}^{(11)}m_{210}^{(00)}m_{003}^{(20)} + m_{000}^{(21)}m_{010}^{(11)}m_{210}^{(20)}m_{102}^{(20)}
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&+m_{000}^{(21)}m_{010}^{(11)}m_{210}^{(20)}m_{003}^{(00)} - m_{000}^{(21)}m_{010}^{(11)}m_{210}^{(22)}m_{102}^{(00)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(00)}m_{111}^{(22)}\\
&-2m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(00)}m_{102}^{(21)} + m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(00)}m_{012}^{(20)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(10)}m_{201}^{(22)}\\
&-m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(10)}m_{102}^{(20)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(20)}m_{201}^{(21)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(20)}m_{111}^{(20)}\\
&+2m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(20)}m_{102}^{(10)} - m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(20)}m_{012}^{(00)} + m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(21)}m_{102}^{(00)}\\
&+2m_{000}^{(21)}m_{010}^{(11)}m_{111}^{(00)}m_{102}^{(20)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{111}^{(20)}m_{102}^{(00)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(00)}m_{021}^{(22)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(00)}m_{012}^{(21)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(10)}m_{111}^{(22)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(20)}m_{111}^{(21)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(20)}m_{021}^{(20)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(20)}m_{012}^{(10)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(21)}m_{111}^{(20)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(22)}m_{111}^{(10)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(00)}m_{030}^{(22)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(00)}m_{021}^{(21)}\\
&-2m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(10)}m_{120}^{(22)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(20)}m_{120}^{(21)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(20)}m_{030}^{(20)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(20)}m_{021}^{(10)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(21)}m_{120}^{(20)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(22)}m_{120}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{120}^{(00)}m_{111}^{(22)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{120}^{(00)}m_{102}^{(21)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{120}^{(20)}m_{012}^{(00)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{120}^{(20)}m_{102}^{(10)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{120}^{(20)}m_{012}^{(00)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{120}^{(22)}m_{111}^{(00)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{111}^{(00)}m_{111}^{(21)} + 4m_{000}^{(21)}m_{010}^{(20)}m_{111}^{(00)}m_{021}^{(20)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{111}^{(10)}m_{111}^{(20)}\\
&-4m_{000}^{(21)}m_{010}^{(20)}m_{111}^{(20)}m_{021}^{(00)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{102}^{(00)}m_{030}^{(20)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{102}^{(20)}m_{030}^{(00)}\\
&+2m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(00)}m_{021}^{(22)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(00)}m_{012}^{(21)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(10)}m_{111}^{(22)}\\
&+2m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(20)}m_{111}^{(21)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(20)}m_{021}^{(20)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(20)}m_{012}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(21)}m_{111}^{(20)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(22)}m_{111}^{(10)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(00)}m_{111}^{(22)}\\
&+2m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(00)}m_{102}^{(21)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(00)}m_{012}^{(20)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(10)}m_{201}^{(22)}\\
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&+2m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(10)}m_{111}^{(20)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(20)}m_{120}^{(20)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(20)}m_{111}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(20)}m_{021}^{(00)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(21)}m_{111}^{(00)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(00)}m_{120}^{(20)}\\
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&-m_{000}^{(21)}m_{010}^{(22)}m_{300}^{(20)}m_{021}^{(10)} - m_{000}^{(21)}m_{010}^{(22)}m_{300}^{(21)}m_{120}^{(20)} + m_{000}^{(21)}m_{010}^{(22)}m_{300}^{(22)}m_{120}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(00)}m_{120}^{(22)} - 2m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(00)}m_{111}^{(21)} - m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(00)}m_{021}^{(20)}\\
&-2m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(10)}m_{210}^{(22)} + 2m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(20)}m_{210}^{(21)} - m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(20)}m_{120}^{(20)}\\
&+2m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(20)}m_{111}^{(10)} + m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(20)}m_{021}^{(00)} - m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(22)}m_{120}^{(00)}\\
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&+m_{000}^{(21)}m_{010}^{(22)}m_{201}^{(21)}m_{120}^{(00)} + 2m_{000}^{(21)}m_{010}^{(22)}m_{120}^{(00)}m_{111}^{(20)} - 2m_{000}^{(21)}m_{010}^{(22)}m_{120}^{(20)}m_{111}^{(00)}\\
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&+m_{000}^{(21)}m_{001}^{(00)}m_{120}^{(10)}m_{012}^{(20)} - m_{000}^{(21)}m_{001}^{(00)}m_{120}^{(10)}m_{003}^{(10)} - m_{000}^{(21)}m_{001}^{(00)}m_{120}^{(11)}m_{102}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(00)}m_{120}^{(20)}m_{102}^{(11)} + m_{000}^{(21)}m_{001}^{(00)}m_{120}^{(21)}m_{102}^{(10)} + 2m_{000}^{(21)}m_{001}^{(00)}m_{111}^{(00)}m_{021}^{(21)}\\
&-2m_{000}^{(21)}m_{001}^{(00)}m_{111}^{(00)}m_{012}^{(11)} - 2m_{000}^{(21)}m_{001}^{(00)}m_{111}^{(10)}m_{111}^{(21)} - 2m_{000}^{(21)}m_{001}^{(00)}m_{111}^{(10)}m_{021}^{(20)}\\
&+2m_{000}^{(21)}m_{001}^{(00)}m_{111}^{(10)}m_{012}^{(10)} + 2m_{000}^{(21)}m_{001}^{(00)}m_{111}^{(11)}m_{111}^{(20)} - m_{000}^{(21)}m_{001}^{(00)}m_{102}^{(00)}m_{030}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{102}^{(00)}m_{021}^{(11)} + m_{000}^{(21)}m_{001}^{(00)}m_{102}^{(10)}m_{030}^{(20)} - m_{000}^{(21)}m_{001}^{(00)}m_{102}^{(10)}m_{021}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(00)}m_{030}^{(00)}m_{003}^{(10)} + m_{000}^{(21)}m_{001}^{(00)}m_{030}^{(10)}m_{003}^{(00)} + 3m_{000}^{(21)}m_{001}^{(00)}m_{021}^{(00)}m_{012}^{(10)}
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&-3m_{000}^{(21)}m_{001}^{(00)}m_{021}^{(10)}m_{012}^{(00)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(00)}m_{012}^{(21)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(00)}m_{003}^{(11)}\\
&-2m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(10)}m_{102}^{(21)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(10)}m_{012}^{(20)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(10)}m_{003}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(11)}m_{102}^{(20)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(20)}m_{102}^{(11)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(21)}m_{102}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(00)}m_{021}^{(21)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(00)}m_{012}^{(11)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(10)}m_{111}^{(21)}\\
&+2m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(10)}m_{021}^{(20)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(10)}m_{012}^{(10)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(11)}m_{111}^{(20)}\\
&-2m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(20)}m_{111}^{(11)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(21)}m_{111}^{(10)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{120}^{(00)}m_{003}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(10)}m_{120}^{(10)}m_{003}^{(00)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{120}^{(20)}m_{102}^{(10)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{120}^{(21)}m_{102}^{(00)}\\
&-2m_{000}^{(21)}m_{001}^{(10)}m_{111}^{(00)}m_{111}^{(21)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{111}^{(00)}m_{102}^{(11)} - 4m_{000}^{(21)}m_{001}^{(10)}m_{111}^{(00)}m_{012}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(10)}m_{111}^{(10)}m_{111}^{(20)} + 4m_{000}^{(21)}m_{001}^{(10)}m_{111}^{(10)}m_{012}^{(00)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{111}^{(11)}m_{102}^{(00)}\\
&+2m_{000}^{(21)}m_{001}^{(10)}m_{102}^{(00)}m_{021}^{(10)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{102}^{(10)}m_{021}^{(00)} - m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(00)}m_{012}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(00)}m_{003}^{(11)} + m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(10)}m_{102}^{(21)} + m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(10)}m_{012}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(10)}m_{003}^{(10)} - m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(11)}m_{102}^{(20)} - m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(20)}m_{102}^{(11)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(21)}m_{102}^{(10)} - m_{000}^{(21)}m_{001}^{(11)}m_{210}^{(00)}m_{003}^{(10)} + m_{000}^{(21)}m_{001}^{(11)}m_{210}^{(10)}m_{003}^{(00)}\\
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&-2m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(00)}m_{102}^{(11)} + m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(00)}m_{012}^{(10)} - 2m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(10)}m_{201}^{(21)}\\
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&+2m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(11)}m_{201}^{(20)} + m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(11)}m_{102}^{(00)} + 2m_{000}^{(21)}m_{001}^{(11)}m_{111}^{(00)}m_{102}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(11)}m_{111}^{(10)}m_{102}^{(00)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(00)}m_{021}^{(21)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(00)}m_{012}^{(11)}\\
&+2m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(10)}m_{111}^{(21)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(10)}m_{021}^{(20)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(10)}m_{012}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(11)}m_{111}^{(20)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(20)}m_{111}^{(11)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(21)}m_{111}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(00)}m_{030}^{(21)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(00)}m_{021}^{(11)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(10)}m_{120}^{(21)}\\
&-2m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(10)}m_{030}^{(20)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(10)}m_{021}^{(10)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(11)}m_{120}^{(20)}\\
&+2m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(20)}m_{120}^{(11)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(21)}m_{120}^{(10)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(00)}m_{120}^{(21)}\\
&-2m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(00)}m_{102}^{(11)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(00)}m_{012}^{(10)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(10)}m_{111}^{(20)}\\
&+2m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(10)}m_{102}^{(10)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(10)}m_{012}^{(00)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(20)}m_{111}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(21)}m_{111}^{(00)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{111}^{(00)}m_{111}^{(11)} + 4m_{000}^{(21)}m_{001}^{(20)}m_{111}^{(00)}m_{021}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(20)}(m_{111}^{(10)})^2 - 4m_{000}^{(21)}m_{001}^{(20)}m_{111}^{(10)}m_{021}^{(00)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{102}^{(00)}m_{030}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(20)}m_{102}^{(10)}m_{030}^{(00)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(00)}m_{021}^{(21)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(00)}m_{012}^{(11)}\\
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&+2m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(11)}m_{111}^{(20)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(20)}m_{111}^{(11)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(21)}m_{111}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(00)}m_{111}^{(21)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(00)}m_{102}^{(11)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(00)}m_{012}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(10)}m_{201}^{(21)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(10)}m_{111}^{(20)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(10)}m_{102}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(10)}m_{012}^{(00)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(11)}m_{201}^{(20)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(20)}m_{201}^{(11)}\\
&-2m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(20)}m_{111}^{(10)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(21)}m_{201}^{(10)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(21)}m_{111}^{(00)}\\
&-2m_{000}^{(21)}m_{001}^{(21)}m_{201}^{(00)}m_{120}^{(21)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{201}^{(00)}m_{111}^{(11)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{201}^{(00)}m_{021}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(21)}m_{201}^{(10)}m_{120}^{(20)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{201}^{(10)}m_{021}^{(00)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{201}^{(11)}m_{111}^{(00)}\\
&-2m_{000}^{(21)}m_{001}^{(21)}m_{120}^{(00)}m_{102}^{(10)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{120}^{(10)}m_{102}^{(00)} - m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(00)}m_{030}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(00)}m_{021}^{(11)} + m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(10)}m_{120}^{(21)} + m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(10)}m_{030}^{(20)}
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&-m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(10)}m_{021}^{(10)} - m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(11)}m_{120}^{(20)} - m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(20)}m_{120}^{(11)}\\
&+m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(21)}m_{120}^{(10)} + 2m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(00)}m_{120}^{(21)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(00)}m_{111}^{(11)}\\
&-m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(00)}m_{021}^{(10)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(10)}m_{210}^{(21)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(10)}m_{120}^{(20)}\\
&+2m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(10)}m_{111}^{(10)} + m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(10)}m_{021}^{(00)} + 2m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(11)}m_{210}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(20)}m_{120}^{(10)} - m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(21)}m_{120}^{(00)} + m_{000}^{(21)}m_{001}^{(22)}m_{201}^{(00)}m_{030}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(22)}m_{201}^{(10)}m_{120}^{(10)} - m_{000}^{(21)}m_{001}^{(22)}m_{201}^{(10)}m_{030}^{(00)} + m_{000}^{(21)}m_{001}^{(22)}m_{201}^{(11)}m_{120}^{(00)}\\
&+2m_{000}^{(21)}m_{001}^{(22)}m_{120}^{(00)}m_{111}^{(10)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{120}^{(10)}m_{111}^{(00)} + m_{000}^{(22)}m_{100}^{(00)}m_{120}^{(10)}m_{003}^{(11)}\\
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&-2m_{000}^{(22)}m_{100}^{(00)}m_{111}^{(10)}m_{012}^{(11)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{111}^{(11)}m_{012}^{(10)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{111}^{(20)}m_{021}^{(11)}\\
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&-m_{000}^{(22)}m_{100}^{(00)}m_{102}^{(20)}m_{030}^{(11)} + m_{000}^{(22)}m_{100}^{(00)}m_{102}^{(21)}m_{030}^{(10)} - m_{000}^{(22)}m_{100}^{(00)}m_{030}^{(00)}m_{012}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{030}^{(10)}m_{012}^{(20)} - m_{000}^{(22)}m_{100}^{(00)}m_{030}^{(10)}m_{003}^{(10)} + m_{000}^{(22)}m_{100}^{(00)}m_{030}^{(11)}m_{003}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{030}^{(20)}m_{012}^{(10)} - m_{000}^{(22)}m_{100}^{(00)}m_{030}^{(21)}m_{012}^{(00)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{021}^{(00)}m_{021}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{021}^{(00)}m_{012}^{(11)} - 2m_{000}^{(22)}m_{100}^{(00)}m_{021}^{(10)}m_{021}^{(20)} + m_{000}^{(22)}m_{100}^{(00)}m_{021}^{(10)}m_{012}^{(10)}\\
&-2m_{000}^{(22)}m_{100}^{(00)}m_{021}^{(11)}m_{012}^{(00)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(10)}m_{003}^{(11)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(11)}m_{003}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(20)}m_{012}^{(11)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(21)}m_{012}^{(10)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(10)}m_{012}^{(11)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(11)}m_{012}^{(10)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(20)}m_{021}^{(11)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(21)}m_{021}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(00)}m_{012}^{(21)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(10)}m_{102}^{(21)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(10)}m_{012}^{(20)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(10)}m_{003}^{(10)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(11)}m_{102}^{(20)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(11)}m_{003}^{(00)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(20)}m_{012}^{(10)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(21)}m_{012}^{(00)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(00)}m_{021}^{(21)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(00)}m_{012}^{(11)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(10)}m_{111}^{(21)} + 4m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(10)}m_{102}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(10)}m_{021}^{(20)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(11)}m_{111}^{(20)} - 4m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(11)}m_{102}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(11)}m_{012}^{(00)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(20)}m_{021}^{(10)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(21)}m_{021}^{(00)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{102}^{(00)}m_{021}^{(11)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{102}^{(10)}m_{021}^{(10)} + m_{000}^{(22)}m_{100}^{(11)}m_{300}^{(10)}m_{003}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{300}^{(11)}m_{003}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{300}^{(20)}m_{012}^{(11)} + m_{000}^{(22)}m_{100}^{(11)}m_{300}^{(21)}m_{012}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(00)}m_{012}^{(21)} + m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(10)}m_{102}^{(21)} + m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(10)}m_{012}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(10)}m_{003}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(11)}m_{102}^{(20)} + m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(11)}m_{003}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(20)}m_{012}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(21)}m_{012}^{(00)} + m_{000}^{(22)}m_{100}^{(11)}m_{201}^{(00)}m_{012}^{(11)}\\
&-3m_{000}^{(22)}m_{100}^{(11)}m_{201}^{(10)}m_{102}^{(11)} - m_{000}^{(22)}m_{100}^{(11)}m_{201}^{(10)}m_{012}^{(10)} + 3m_{000}^{(22)}m_{100}^{(11)}m_{201}^{(11)}m_{102}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(11)}m_{201}^{(20)}m_{111}^{(11)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{201}^{(21)}m_{111}^{(10)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{111}^{(00)}m_{111}^{(21)}\\
&-2m_{000}^{(22)}m_{100}^{(11)}m_{111}^{(10)}m_{111}^{(20)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{111}^{(10)}m_{102}^{(10)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{111}^{(11)}m_{102}^{(00)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(10)}m_{012}^{(11)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(11)}m_{012}^{(10)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(20)}m_{021}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(21)}m_{021}^{(10)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{201}^{(10)}m_{021}^{(11)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{201}^{(11)}m_{021}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{201}^{(11)}m_{030}^{(10)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{201}^{(21)}m_{030}^{(10)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(00)}m_{021}^{(21)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(10)}m_{111}^{(21)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(10)}m_{102}^{(11)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(10)}m_{021}^{(20)}\\
&-2m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(10)}m_{012}^{(10)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(11)}m_{111}^{(20)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(11)}m_{102}^{(10)}\\
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&+2m_{000}^{(22)}m_{100}^{(20)}m_{111}^{(00)}m_{021}^{(11)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{111}^{(10)}m_{030}^{(20)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{111}^{(11)}m_{021}^{(00)}\\
&-2m_{000}^{(22)}m_{100}^{(20)}m_{111}^{(20)}m_{030}^{(10)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{111}^{(21)}m_{030}^{(00)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{102}^{(00)}m_{030}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{102}^{(10)}m_{030}^{(10)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{300}^{(10)}m_{012}^{(11)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{300}^{(11)}m_{012}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(21)}m_{300}^{(20)}m_{021}^{(11)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{300}^{(21)}m_{021}^{(10)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(00)}m_{021}^{(21)}\\
&-2m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(10)}m_{111}^{(21)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(10)}m_{102}^{(11)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(10)}m_{021}^{(20)}\\
&+2m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(10)}m_{012}^{(10)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(11)}m_{111}^{(20)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(11)}m_{102}^{(10)}\\
&-2m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(11)}m_{012}^{(00)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(20)}m_{111}^{(11)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(20)}m_{021}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(21)}m_{111}^{(10)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(21)}m_{021}^{(00)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(00)}m_{021}^{(11)}\\
&+4m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(10)}m_{111}^{(11)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(10)}m_{021}^{(10)} - 4m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(11)}m_{111}^{(10)}\\
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&+2m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(10)}m_{111}^{(20)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(10)}m_{102}^{(10)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(11)}m_{102}^{(00)}\\
&+2m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(20)}m_{111}^{(10)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(21)}m_{111}^{(00)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{111}^{(00)}m_{111}^{(11)}\\
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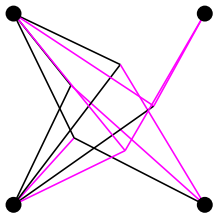
&+m_{000}^{(22)}m_{100}^{(22)}m_{210}^{(11)}m_{021}^{(00)} + 2m_{000}^{(22)}m_{100}^{(22)}m_{210}^{(20)}m_{120}^{(11)} + m_{000}^{(22)}m_{100}^{(22)}m_{210}^{(20)}m_{030}^{(10)}\\
&-2m_{000}^{(22)}m_{100}^{(22)}m_{210}^{(21)}m_{120}^{(10)} - m_{000}^{(22)}m_{100}^{(22)}m_{210}^{(21)}m_{030}^{(00)} + m_{000}^{(22)}m_{100}^{(22)}m_{201}^{(00)}m_{030}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(22)}m_{201}^{(10)}m_{120}^{(11)} - m_{000}^{(22)}m_{100}^{(22)}m_{201}^{(10)}m_{030}^{(10)} + m_{000}^{(22)}m_{100}^{(22)}m_{201}^{(11)}m_{120}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(22)}m_{120}^{(00)}m_{120}^{(21)} - 2m_{000}^{(22)}m_{100}^{(22)}m_{120}^{(10)}m_{120}^{(20)} + 2m_{000}^{(22)}m_{100}^{(22)}m_{120}^{(10)}m_{111}^{(10)}\\
&-2m_{000}^{(22)}m_{100}^{(22)}m_{120}^{(11)}m_{111}^{(00)} + m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(00)}m_{012}^{(21)} - m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(00)}m_{003}^{(11)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(10)}m_{102}^{(21)} - m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(10)}m_{012}^{(20)} + m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(10)}m_{003}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(11)}m_{102}^{(20)} + m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(20)}m_{102}^{(11)} - m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(21)}m_{102}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(00)}m_{111}^{(00)}m_{021}^{(21)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{111}^{(00)}m_{012}^{(11)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{111}^{(10)}m_{111}^{(21)}\\
&+2m_{000}^{(22)}m_{010}^{(00)}m_{111}^{(20)}m_{021}^{(11)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{111}^{(10)}m_{012}^{(10)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{111}^{(11)}m_{111}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{102}^{(00)}m_{030}^{(21)} - m_{000}^{(22)}m_{010}^{(00)}m_{102}^{(00)}m_{021}^{(11)} - m_{000}^{(22)}m_{010}^{(00)}m_{102}^{(10)}m_{030}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{102}^{(10)}m_{021}^{(10)} + m_{000}^{(22)}m_{010}^{(00)}m_{030}^{(00)}m_{003}^{(10)} - m_{000}^{(22)}m_{010}^{(00)}m_{030}^{(10)}m_{003}^{(00)}\\
&-3m_{000}^{(22)}m_{010}^{(00)}m_{021}^{(00)}m_{012}^{(10)} + 3m_{000}^{(22)}m_{010}^{(00)}m_{021}^{(10)}m_{012}^{(00)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(00)}m_{012}^{(21)}\\
&+2m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(00)}m_{003}^{(11)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(10)}m_{102}^{(21)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(10)}m_{012}^{(20)}\\
&-2m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(10)}m_{003}^{(10)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(11)}m_{102}^{(20)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(20)}m_{102}^{(11)}\\
&+2m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(21)}m_{102}^{(10)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(00)}m_{021}^{(21)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(00)}m_{012}^{(11)}\\
&-2m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(10)}m_{111}^{(21)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(10)}m_{021}^{(20)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(10)}m_{012}^{(10)}\\
&+2m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(11)}m_{111}^{(20)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(20)}m_{111}^{(11)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(21)}m_{111}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(10)}m_{120}^{(00)}m_{003}^{(10)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{120}^{(00)}m_{003}^{(00)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{120}^{(20)}m_{102}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(10)}m_{120}^{(21)}m_{102}^{(00)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{111}^{(00)}m_{111}^{(21)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{111}^{(00)}m_{102}^{(11)}\\
&+4m_{000}^{(22)}m_{010}^{(10)}m_{111}^{(00)}m_{012}^{(10)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{111}^{(10)}m_{111}^{(20)} - 4m_{000}^{(22)}m_{010}^{(10)}m_{111}^{(10)}m_{012}^{(00)}\\
&+2m_{000}^{(22)}m_{010}^{(10)}m_{111}^{(11)}m_{102}^{(00)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{102}^{(00)}m_{021}^{(10)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{102}^{(10)}m_{021}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(00)}m_{012}^{(21)} - m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(00)}m_{003}^{(11)} - m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(10)}m_{102}^{(21)}
\end{aligned}
$$

$$
\begin{aligned}
&-m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(10)}m_{012}^{(20)}+m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(10)}m_{003}^{(10)}+m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(11)}m_{102}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(20)}m_{102}^{(11)}-m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(21)}m_{102}^{(10)}+m_{000}^{(22)}m_{010}^{(11)}m_{210}^{(00)}m_{003}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{210}^{(10)}m_{003}^{(00)}-m_{000}^{(22)}m_{010}^{(11)}m_{210}^{(20)}m_{102}^{(10)}+m_{000}^{(22)}m_{010}^{(11)}m_{210}^{(21)}m_{102}^{(00)}\\
&-2m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(00)}m_{111}^{(21)}+2m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(00)}m_{102}^{(11)}-m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(00)}m_{012}^{(10)}\\
&+2m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(10)}m_{201}^{(21)}+2m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(10)}m_{111}^{(20)}-m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(10)}m_{102}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(10)}m_{012}^{(00)}-2m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(11)}m_{201}^{(20)}-m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(11)}m_{102}^{(00)}\\
&-2m_{000}^{(22)}m_{010}^{(11)}m_{111}^{(00)}m_{102}^{(10)}+2m_{000}^{(22)}m_{010}^{(11)}m_{111}^{(10)}m_{102}^{(00)}+2m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(00)}m_{021}^{(21)}\\
&-2m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(00)}m_{012}^{(11)}-2m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(10)}m_{111}^{(21)}-2m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(10)}m_{021}^{(20)}\\
&+2m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(10)}m_{012}^{(10)}+2m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(11)}m_{111}^{(20)}+2m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(20)}m_{111}^{(11)}\\
&-2m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(21)}m_{111}^{(10)}-2m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(00)}m_{030}^{(21)}+2m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(00)}m_{021}^{(11)}\\
&+2m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(10)}m_{120}^{(21)}+2m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(10)}m_{030}^{(20)}-2m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(10)}m_{021}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(11)}m_{120}^{(20)}-2m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(20)}m_{120}^{(11)}+2m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(21)}m_{120}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(00)}m_{111}^{(21)}+2m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(00)}m_{102}^{(11)}+2m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(00)}m_{012}^{(10)}\\
&+2m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(10)}m_{111}^{(20)}-2m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(10)}m_{102}^{(10)}-2m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(10)}m_{012}^{(00)}\\
&-2m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(20)}m_{111}^{(10)}+2m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(21)}m_{111}^{(00)}-2m_{000}^{(22)}m_{010}^{(20)}m_{111}^{(00)}m_{111}^{(11)}\\
&-4m_{000}^{(22)}m_{010}^{(20)}m_{111}^{(00)}m_{021}^{(10)}+2m_{000}^{(22)}m_{010}^{(20)}(m_{111}^{(10)})^2+4m_{000}^{(22)}m_{010}^{(20)}m_{111}^{(10)}m_{021}^{(00)}\\
&+2m_{000}^{(22)}m_{010}^{(20)}m_{102}^{(00)}m_{030}^{(10)}-2m_{000}^{(22)}m_{010}^{(20)}m_{102}^{(10)}m_{030}^{(00)}-2m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(00)}m_{021}^{(21)}\\
&+2m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(00)}m_{012}^{(11)}+2m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(10)}m_{111}^{(21)}+2m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(10)}m_{021}^{(20)}\\
&-2m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(10)}m_{012}^{(10)}-2m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(11)}m_{111}^{(20)}-2m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(20)}m_{111}^{(11)}\\
&+2m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(21)}m_{111}^{(10)}+2m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(00)}m_{111}^{(21)}-2m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(00)}m_{102}^{(11)}\\
&-2m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(00)}m_{012}^{(10)}-2m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(10)}m_{201}^{(21)}-2m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(10)}m_{111}^{(20)}\\
&+2m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(10)}m_{102}^{(10)}+2m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(10)}m_{012}^{(00)}+2m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(11)}m_{201}^{(20)}\\
&+2m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(20)}m_{201}^{(11)}+2m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(20)}m_{111}^{(10)}-2m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(21)}m_{201}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(21)}m_{111}^{(00)}+2m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(00)}m_{120}^{(21)}-2m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(00)}m_{111}^{(11)}\\
&+2m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(00)}m_{021}^{(10)}-2m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(10)}m_{120}^{(20)}-2m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(10)}m_{021}^{(00)}\\
&+2m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(11)}m_{111}^{(00)}+2m_{000}^{(22)}m_{010}^{(21)}m_{120}^{(00)}m_{102}^{(10)}-2m_{000}^{(22)}m_{010}^{(21)}m_{120}^{(10)}m_{102}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(00)}m_{030}^{(21)}-m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(00)}m_{021}^{(11)}-m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(10)}m_{120}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(10)}m_{030}^{(20)}+m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(10)}m_{021}^{(10)}+m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(11)}m_{120}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(20)}m_{120}^{(11)}-m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(21)}m_{120}^{(10)}-2m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(00)}m_{120}^{(21)}\\
&+2m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(00)}m_{111}^{(21)}+m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(00)}m_{021}^{(10)}+2m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(10)}m_{210}^{(21)}\\
&+2m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(10)}m_{120}^{(20)}-2m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(10)}m_{111}^{(10)}-m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(10)}m_{021}^{(00)}\\
&-2m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(11)}m_{210}^{(20)}-m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(20)}m_{120}^{(10)}+m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(21)}m_{120}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(22)}m_{201}^{(00)}m_{030}^{(10)}+m_{000}^{(22)}m_{010}^{(22)}m_{201}^{(10)}m_{120}^{(10)}+m_{000}^{(22)}m_{010}^{(22)}m_{201}^{(10)}m_{030}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(22)}m_{201}^{(11)}m_{120}^{(00)}-2m_{000}^{(22)}m_{010}^{(22)}m_{120}^{(00)}m_{111}^{(10)}+2m_{000}^{(22)}m_{010}^{(22)}m_{120}^{(10)}m_{111}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccccc}
V1 & 1 & 1 & 1 & V1\\
V2 & V2 & 2 & 2 & 2\\
V3 & V3 & V4 & V4 & 4
\end{array}
$$



$$
\begin{aligned}
T_{110} \;=\;& -m^{(00)}_{000}m^{(00)}_{010}m^{(11)}_{120}m^{(22)}_{003} + 2m^{(00)}_{000}m^{(00)}_{010}m^{(21)}_{120}m^{(21)}_{003} - m^{(00)}_{000}m^{(00)}_{010}m^{(22)}_{120}m^{(11)}_{003} \\
& +2m^{(00)}_{000}m^{(00)}_{010}m^{(11)}_{111}m^{(22)}_{012} - 4m^{(00)}_{000}m^{(00)}_{010}m^{(21)}_{111}m^{(21)}_{012} + 2m^{(00)}_{000}m^{(00)}_{010}m^{(22)}_{111}m^{(11)}_{012} \\
& -m^{(00)}_{000}m^{(00)}_{010}m^{(11)}_{102}m^{(22)}_{021} + 2m^{(00)}_{000}m^{(00)}_{010}m^{(21)}_{102}m^{(21)}_{021} - m^{(00)}_{000}m^{(00)}_{010}m^{(22)}_{102}m^{(11)}_{021} \\
& +m^{(00)}_{000}m^{(00)}_{010}m^{(10)}_{030}m^{(22)}_{003} - m^{(00)}_{000}m^{(00)}_{010}m^{(20)}_{030}m^{(21)}_{003} - m^{(00)}_{000}m^{(00)}_{010}m^{(21)}_{030}m^{(20)}_{003} \\
& +m^{(00)}_{000}m^{(00)}_{010}m^{(22)}_{030}m^{(10)}_{003} - m^{(00)}_{000}m^{(00)}_{010}m^{(10)}_{021}m^{(22)}_{012} - 2m^{(00)}_{000}m^{(00)}_{010}m^{(10)}_{021}m^{(21)}_{003} \\
& +2m^{(00)}_{000}m^{(00)}_{010}m^{(11)}_{021}m^{(20)}_{003} + m^{(00)}_{000}m^{(00)}_{010}m^{(20)}_{021}m^{(21)}_{012} + 2m^{(00)}_{000}m^{(00)}_{010}m^{(20)}_{021}m^{(11)}_{003} \\
& +m^{(00)}_{000}m^{(00)}_{010}m^{(21)}_{021}m^{(20)}_{012} - 2m^{(00)}_{000}m^{(00)}_{010}m^{(21)}_{021}m^{(10)}_{003} - m^{(00)}_{000}m^{(00)}_{010}m^{(22)}_{021}m^{(10)}_{012} \\
& +4m^{(00)}_{000}m^{(00)}_{010}m^{(10)}_{012}m^{(21)}_{012} - 4m^{(00)}_{000}m^{(00)}_{010}m^{(11)}_{012}m^{(20)}_{012} + m^{(00)}_{000}m^{(10)}_{010}m^{(11)}_{210}m^{(22)}_{003} \\
& -2m^{(00)}_{000}m^{(10)}_{010}m^{(21)}_{210}m^{(21)}_{003} + m^{(00)}_{000}m^{(10)}_{010}m^{(22)}_{210}m^{(11)}_{003} - m^{(00)}_{000}m^{(10)}_{010}m^{(11)}_{201}m^{(22)}_{012} \\
& +2m^{(00)}_{000}m^{(10)}_{010}m^{(21)}_{201}m^{(21)}_{012} - m^{(00)}_{000}m^{(10)}_{010}m^{(22)}_{201}m^{(11)}_{012} - 2m^{(00)}_{000}m^{(10)}_{010}m^{(10)}_{111}m^{(22)}_{012} \\
& +2m^{(00)}_{000}m^{(10)}_{010}m^{(10)}_{111}m^{(21)}_{003} - 2m^{(00)}_{000}m^{(10)}_{010}m^{(11)}_{111}m^{(20)}_{003} + 2m^{(00)}_{000}m^{(10)}_{010}m^{(20)}_{111}m^{(21)}_{012} \\
& -2m^{(00)}_{000}m^{(10)}_{010}m^{(20)}_{111}m^{(11)}_{003} + 2m^{(00)}_{000}m^{(10)}_{010}m^{(21)}_{111}m^{(20)}_{012} + 2m^{(00)}_{000}m^{(10)}_{010}m^{(21)}_{111}m^{(10)}_{003} \\
& -2m^{(00)}_{000}m^{(10)}_{010}m^{(22)}_{111}m^{(10)}_{012} + 2m^{(00)}_{000}m^{(10)}_{010}m^{(10)}_{102}m^{(22)}_{021} - 2m^{(00)}_{000}m^{(10)}_{010}m^{(10)}_{102}m^{(21)}_{012} \\
& +2m^{(00)}_{000}m^{(10)}_{010}m^{(11)}_{102}m^{(20)}_{012} - 2m^{(00)}_{000}m^{(10)}_{010}m^{(20)}_{102}m^{(21)}_{021} + 2m^{(00)}_{000}m^{(10)}_{010}m^{(20)}_{102}m^{(11)}_{012} \\
& -2m^{(00)}_{000}m^{(10)}_{010}m^{(21)}_{102}m^{(20)}_{021} - 2m^{(00)}_{000}m^{(10)}_{010}m^{(21)}_{102}m^{(10)}_{012} + 2m^{(00)}_{000}m^{(10)}_{010}m^{(22)}_{102}m^{(10)}_{021} \\
& -m^{(00)}_{000}m^{(10)}_{010}m^{(00)}_{030}m^{(22)}_{003} + 2m^{(00)}_{000}m^{(10)}_{010}m^{(20)}_{030}m^{(20)}_{003} - m^{(00)}_{000}m^{(10)}_{010}m^{(22)}_{030}m^{(00)}_{003} \\
& +m^{(00)}_{000}m^{(10)}_{010}m^{(00)}_{021}m^{(22)}_{012} + 2m^{(00)}_{000}m^{(10)}_{010}m^{(00)}_{021}m^{(21)}_{003} - 2m^{(00)}_{000}m^{(10)}_{010}m^{(10)}_{021}m^{(20)}_{003} \\
& -2m^{(00)}_{000}m^{(10)}_{010}m^{(20)}_{021}m^{(20)}_{012} - 2m^{(00)}_{000}m^{(10)}_{010}m^{(20)}_{021}m^{(10)}_{003} + 2m^{(00)}_{000}m^{(10)}_{010}m^{(21)}_{021}m^{(00)}_{003} \\
& +m^{(00)}_{000}m^{(10)}_{010}m^{(22)}_{021}m^{(00)}_{012} - 4m^{(00)}_{000}m^{(10)}_{010}m^{(00)}_{012}m^{(21)}_{012} + 4m^{(00)}_{000}m^{(10)}_{010}m^{(10)}_{012}m^{(20)}_{012} \\
& -m^{(00)}_{000}m^{(11)}_{010}m^{(10)}_{210}m^{(22)}_{003} + m^{(00)}_{000}m^{(11)}_{010}m^{(20)}_{210}m^{(21)}_{003} + m^{(00)}_{000}m^{(11)}_{010}m^{(21)}_{210}m^{(20)}_{003} \\
& -m^{(00)}_{000}m^{(11)}_{010}m^{(22)}_{210}m^{(10)}_{003} + m^{(00)}_{000}m^{(11)}_{010}m^{(10)}_{201}m^{(22)}_{012} - m^{(00)}_{000}m^{(11)}_{010}m^{(20)}_{201}m^{(21)}_{012} \\
& -m^{(00)}_{000}m^{(11)}_{010}m^{(21)}_{201}m^{(20)}_{012} + m^{(00)}_{000}m^{(11)}_{010}m^{(22)}_{201}m^{(10)}_{012} + m^{(00)}_{000}m^{(11)}_{010}m^{(00)}_{120}m^{(22)}_{003} \\
& -2m^{(00)}_{000}m^{(11)}_{010}m^{(20)}_{120}m^{(20)}_{003} + m^{(00)}_{000}m^{(11)}_{010}m^{(22)}_{120}m^{(00)}_{003} - 2m^{(00)}_{000}m^{(11)}_{010}m^{(00)}_{111}m^{(21)}_{003} \\
& +2m^{(00)}_{000}m^{(11)}_{010}m^{(10)}_{111}m^{(20)}_{003} + 2m^{(00)}_{000}m^{(11)}_{010}m^{(20)}_{111}m^{(10)}_{003} - 2m^{(00)}_{000}m^{(11)}_{010}m^{(21)}_{111}m^{(00)}_{003} \\
& -m^{(00)}_{000}m^{(11)}_{010}m^{(00)}_{102}m^{(22)}_{021} + 2m^{(00)}_{000}m^{(11)}_{010}m^{(00)}_{102}m^{(21)}_{012} - 2m^{(00)}_{000}m^{(11)}_{010}m^{(10)}_{102}m^{(20)}_{012} \\
& +2m^{(00)}_{000}m^{(11)}_{010}m^{(20)}_{102}m^{(20)}_{021} - 2m^{(00)}_{000}m^{(11)}_{010}m^{(20)}_{102}m^{(10)}_{012} + 2m^{(00)}_{000}m^{(11)}_{010}m^{(21)}_{102}m^{(00)}_{012} \\
& -m^{(00)}_{000}m^{(11)}_{010}m^{(22)}_{102}m^{(00)}_{021} - m^{(00)}_{000}m^{(20)}_{010}m^{(11)}_{210}m^{(22)}_{012} + 2m^{(00)}_{000}m^{(20)}_{010}m^{(21)}_{210}m^{(21)}_{012} \\
& -m^{(00)}_{000}m^{(20)}_{010}m^{(22)}_{210}m^{(11)}_{012} + m^{(00)}_{000}m^{(20)}_{010}m^{(11)}_{201}m^{(22)}_{021} - 2m^{(00)}_{000}m^{(20)}_{010}m^{(21)}_{201}m^{(21)}_{021}
\end{aligned}
$$

$$+m_{000}^{(00)}m_{010}^{(20)}m_{201}^{(22)}m_{021}^{(11)}+m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(10)}m_{012}^{(22)}-m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(10)}m_{003}^{(21)}$$
$$+m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(11)}m_{102}^{(22)}+m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(11)}m_{003}^{(20)}-m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(20)}m_{012}^{(21)}$$
$$+m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(20)}m_{003}^{(11)}-2m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(21)}m_{102}^{(21)}-m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(21)}m_{012}^{(20)}$$
$$-m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(21)}m_{003}^{(10)}+m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(22)}m_{102}^{(11)}+m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(22)}m_{012}^{(10)}$$
$$-2m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(11)}m_{111}^{(22)}+2m_{000}^{(00)}m_{010}^{(20)}(m_{111}^{(21)})^2-m_{000}^{(00)}m_{010}^{(20)}m_{102}^{(10)}m_{030}^{(22)}$$
$$+m_{000}^{(00)}m_{010}^{(20)}m_{102}^{(10)}m_{021}^{(21)}-m_{000}^{(00)}m_{010}^{(20)}m_{102}^{(11)}m_{021}^{(20)}+m_{000}^{(00)}m_{010}^{(20)}m_{102}^{(20)}m_{030}^{(21)}$$
$$-m_{000}^{(00)}m_{010}^{(20)}m_{102}^{(20)}m_{021}^{(11)}+m_{000}^{(00)}m_{010}^{(20)}m_{102}^{(21)}m_{030}^{(20)}+m_{000}^{(00)}m_{010}^{(20)}m_{102}^{(21)}m_{021}^{(10)}$$
$$-m_{000}^{(00)}m_{010}^{(20)}m_{102}^{(22)}m_{030}^{(10)}+m_{000}^{(00)}m_{010}^{(20)}m_{030}^{(00)}m_{003}^{(21)}-m_{000}^{(00)}m_{010}^{(20)}m_{030}^{(10)}m_{003}^{(20)}$$
$$-m_{000}^{(00)}m_{010}^{(20)}m_{030}^{(20)}m_{003}^{(10)}+m_{000}^{(00)}m_{010}^{(20)}m_{030}^{(21)}m_{003}^{(00)}-m_{000}^{(00)}m_{010}^{(20)}m_{021}^{(00)}m_{012}^{(21)}$$
$$-2m_{000}^{(00)}m_{010}^{(20)}m_{021}^{(00)}m_{003}^{(11)}+m_{000}^{(00)}m_{010}^{(20)}m_{021}^{(10)}m_{012}^{(20)}+4m_{000}^{(00)}m_{010}^{(20)}m_{021}^{(10)}m_{003}^{(10)}$$
$$-2m_{000}^{(00)}m_{010}^{(20)}m_{021}^{(11)}m_{003}^{(00)}+m_{000}^{(00)}m_{010}^{(20)}m_{021}^{(20)}m_{012}^{(10)}-m_{000}^{(00)}m_{010}^{(20)}m_{021}^{(21)}m_{012}^{(00)}$$
$$+4m_{000}^{(00)}m_{010}^{(20)}m_{012}^{(00)}m_{012}^{(11)}-4m_{000}^{(00)}m_{010}^{(20)}(m_{012}^{(10)})^2+m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(10)}m_{012}^{(22)}$$
$$+m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(10)}m_{003}^{(21)}-m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(11)}m_{003}^{(20)}-m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(20)}m_{012}^{(21)}$$
$$-m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(20)}m_{003}^{(11)}-m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(21)}m_{012}^{(20)}+m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(21)}m_{003}^{(10)}$$
$$+m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(22)}m_{012}^{(10)}-m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(10)}m_{021}^{(22)}-m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(10)}m_{012}^{(21)}$$
$$+m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(11)}m_{012}^{(20)}+m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(20)}m_{021}^{(21)}+m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(20)}m_{012}^{(11)}$$
$$+m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(21)}m_{021}^{(20)}-m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(21)}m_{012}^{(10)}-m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(22)}m_{021}^{(10)}$$
$$-m_{000}^{(00)}m_{010}^{(21)}m_{120}^{(00)}m_{012}^{(22)}-m_{000}^{(00)}m_{010}^{(21)}m_{120}^{(00)}m_{003}^{(21)}-m_{000}^{(00)}m_{010}^{(21)}m_{120}^{(10)}m_{102}^{(22)}$$
$$+m_{000}^{(00)}m_{010}^{(21)}m_{120}^{(10)}m_{003}^{(20)}+m_{000}^{(00)}m_{010}^{(21)}m_{120}^{(20)}m_{102}^{(21)}+2m_{000}^{(00)}m_{010}^{(21)}m_{120}^{(20)}m_{012}^{(20)}$$
$$+m_{000}^{(00)}m_{010}^{(21)}m_{120}^{(20)}m_{003}^{(10)}+m_{000}^{(00)}m_{010}^{(21)}m_{120}^{(21)}m_{102}^{(20)}-m_{000}^{(00)}m_{010}^{(21)}m_{120}^{(21)}m_{003}^{(00)}$$
$$-m_{000}^{(00)}m_{010}^{(21)}m_{120}^{(22)}m_{102}^{(10)}-m_{000}^{(00)}m_{010}^{(21)}m_{120}^{(22)}m_{012}^{(00)}+2m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(00)}m_{012}^{(21)}$$
$$+2m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(00)}m_{003}^{(11)}+2m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(10)}m_{111}^{(22)}-2m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(10)}m_{012}^{(20)}$$
$$-4m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(10)}m_{003}^{(10)}+2m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(11)}m_{003}^{(00)}-2m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(20)}m_{111}^{(21)}$$
$$-2m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(20)}m_{012}^{(10)}+2m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(21)}m_{012}^{(00)}+m_{000}^{(00)}m_{010}^{(21)}m_{102}^{(00)}m_{030}^{(22)}$$
$$-m_{000}^{(00)}m_{010}^{(21)}m_{102}^{(00)}m_{021}^{(21)}-2m_{000}^{(00)}m_{010}^{(21)}m_{102}^{(00)}m_{012}^{(11)}+m_{000}^{(00)}m_{010}^{(21)}m_{102}^{(10)}m_{021}^{(20)}$$
$$+4m_{000}^{(00)}m_{010}^{(21)}m_{102}^{(10)}m_{012}^{(10)}-2m_{000}^{(00)}m_{010}^{(21)}m_{102}^{(11)}m_{012}^{(00)}-2m_{000}^{(00)}m_{010}^{(21)}m_{102}^{(20)}m_{030}^{(20)}$$
$$+m_{000}^{(00)}m_{010}^{(21)}m_{102}^{(20)}m_{021}^{(10)}-m_{000}^{(00)}m_{010}^{(21)}m_{102}^{(21)}m_{021}^{(00)}+m_{000}^{(00)}m_{010}^{(21)}m_{102}^{(22)}m_{030}^{(00)}$$
$$-m_{000}^{(00)}m_{010}^{(22)}m_{210}^{(10)}m_{012}^{(21)}+m_{000}^{(00)}m_{010}^{(22)}m_{210}^{(11)}m_{012}^{(20)}+m_{000}^{(00)}m_{010}^{(22)}m_{210}^{(20)}m_{012}^{(11)}$$
$$-m_{000}^{(00)}m_{010}^{(22)}m_{210}^{(21)}m_{012}^{(10)}+m_{000}^{(00)}m_{010}^{(22)}m_{201}^{(10)}m_{021}^{(21)}-m_{000}^{(00)}m_{010}^{(22)}m_{201}^{(11)}m_{021}^{(20)}$$
$$-m_{000}^{(00)}m_{010}^{(22)}m_{201}^{(20)}m_{021}^{(11)}+m_{000}^{(00)}m_{010}^{(22)}m_{201}^{(21)}m_{021}^{(10)}+m_{000}^{(00)}m_{010}^{(22)}m_{120}^{(00)}m_{012}^{(21)}$$
$$+m_{000}^{(00)}m_{010}^{(22)}m_{120}^{(10)}m_{102}^{(21)}-m_{000}^{(00)}m_{010}^{(22)}m_{120}^{(10)}m_{012}^{(20)}-m_{000}^{(00)}m_{010}^{(22)}m_{120}^{(11)}m_{102}^{(20)}$$
$$-m_{000}^{(00)}m_{010}^{(22)}m_{120}^{(20)}m_{102}^{(11)}-m_{000}^{(00)}m_{010}^{(22)}m_{120}^{(20)}m_{012}^{(10)}+m_{000}^{(00)}m_{010}^{(22)}m_{120}^{(21)}m_{102}^{(10)}$$
$$+m_{000}^{(00)}m_{010}^{(22)}m_{120}^{(21)}m_{012}^{(00)}-2m_{000}^{(00)}m_{010}^{(22)}m_{111}^{(00)}m_{012}^{(11)}-2m_{000}^{(00)}m_{010}^{(22)}m_{111}^{(10)}m_{111}^{(21)}$$
$$+4m_{000}^{(00)}m_{010}^{(22)}m_{111}^{(10)}m_{012}^{(10)}+2m_{000}^{(00)}m_{010}^{(22)}m_{111}^{(11)}m_{111}^{(20)}-2m_{000}^{(00)}m_{010}^{(22)}m_{111}^{(11)}m_{012}^{(00)}$$
$$-m_{000}^{(00)}m_{010}^{(22)}m_{102}^{(00)}m_{030}^{(21)}+2m_{000}^{(00)}m_{010}^{(22)}m_{102}^{(00)}m_{021}^{(11)}+m_{000}^{(00)}m_{010}^{(22)}m_{102}^{(10)}m_{030}^{(20)}$$
$$-4m_{000}^{(00)}m_{010}^{(22)}m_{102}^{(10)}m_{021}^{(10)}+2m_{000}^{(00)}m_{010}^{(22)}m_{102}^{(11)}m_{021}^{(00)}+m_{000}^{(00)}m_{010}^{(22)}m_{102}^{(20)}m_{030}^{(10)}$$
$$-m_{000}^{(00)}m_{010}^{(22)}m_{102}^{(21)}m_{030}^{(00)}+m_{000}^{(00)}m_{001}^{(00)}m_{120}^{(11)}m_{012}^{(22)}-2m_{000}^{(00)}m_{001}^{(00)}m_{120}^{(21)}m_{012}^{(21)}$$
$$+m_{000}^{(00)}m_{001}^{(00)}m_{120}^{(22)}m_{012}^{(11)}-2m_{000}^{(00)}m_{001}^{(00)}m_{111}^{(11)}m_{021}^{(22)}+4m_{000}^{(00)}m_{001}^{(00)}m_{111}^{(21)}m_{021}^{(21)}$$

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&-2m_{000}^{(00)}m_{001}^{(00)}m_{111}^{(22)}m_{021}^{(11)}+m_{000}^{(00)}m_{001}^{(00)}m_{102}^{(11)}m_{030}^{(22)}-2m_{000}^{(00)}m_{001}^{(00)}m_{102}^{(21)}m_{030}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(00)}m_{102}^{(22)}m_{030}^{(11)}-2m_{000}^{(00)}m_{001}^{(00)}m_{030}^{(10)}m_{012}^{(22)}+m_{000}^{(00)}m_{001}^{(00)}m_{030}^{(10)}m_{003}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(00)}m_{030}^{(11)}m_{003}^{(20)}+2m_{000}^{(00)}m_{001}^{(00)}m_{030}^{(20)}m_{012}^{(21)}-m_{000}^{(00)}m_{001}^{(00)}m_{030}^{(20)}m_{003}^{(11)}\\
&+2m_{000}^{(00)}m_{001}^{(00)}m_{030}^{(21)}m_{012}^{(20)}+m_{000}^{(00)}m_{001}^{(00)}m_{030}^{(21)}m_{003}^{(10)}-2m_{000}^{(00)}m_{001}^{(00)}m_{030}^{(22)}m_{012}^{(10)}\\
&+4m_{000}^{(00)}m_{001}^{(00)}m_{021}^{(10)}m_{021}^{(22)}-m_{000}^{(00)}m_{001}^{(00)}m_{021}^{(10)}m_{012}^{(21)}+m_{000}^{(00)}m_{001}^{(00)}m_{021}^{(11)}m_{012}^{(20)}\\
&-4m_{000}^{(00)}m_{001}^{(00)}m_{021}^{(20)}m_{021}^{(21)}+m_{000}^{(00)}m_{001}^{(00)}m_{021}^{(20)}m_{012}^{(11)}-m_{000}^{(00)}m_{001}^{(00)}m_{021}^{(21)}m_{012}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(10)}m_{210}^{(11)}m_{012}^{(22)}+2m_{000}^{(00)}m_{001}^{(10)}m_{210}^{(21)}m_{012}^{(21)}-m_{000}^{(00)}m_{001}^{(10)}m_{210}^{(22)}m_{012}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{201}^{(11)}m_{021}^{(22)}-2m_{000}^{(00)}m_{001}^{(10)}m_{201}^{(21)}m_{021}^{(21)}+m_{000}^{(00)}m_{001}^{(10)}m_{201}^{(22)}m_{021}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{120}^{(10)}m_{012}^{(22)}-m_{000}^{(00)}m_{001}^{(10)}m_{120}^{(10)}m_{003}^{(21)}-m_{000}^{(00)}m_{001}^{(10)}m_{120}^{(11)}m_{102}^{(22)}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{120}^{(11)}m_{003}^{(20)}-m_{000}^{(00)}m_{001}^{(10)}m_{120}^{(20)}m_{012}^{(21)}+m_{000}^{(00)}m_{001}^{(10)}m_{120}^{(20)}m_{003}^{(11)}\\
&+2m_{000}^{(00)}m_{001}^{(10)}m_{120}^{(21)}m_{102}^{(21)}-m_{000}^{(00)}m_{001}^{(10)}m_{120}^{(21)}m_{012}^{(20)}-m_{000}^{(00)}m_{001}^{(10)}m_{120}^{(21)}m_{003}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(10)}m_{120}^{(22)}m_{102}^{(11)}+m_{000}^{(00)}m_{001}^{(10)}m_{120}^{(22)}m_{012}^{(10)}+2m_{000}^{(00)}m_{001}^{(10)}m_{111}^{(11)}m_{111}^{(22)}\\
&-2m_{000}^{(00)}m_{001}^{(10)}(m_{111}^{(21)})^2-m_{000}^{(00)}m_{001}^{(10)}m_{102}^{(10)}m_{030}^{(22)}+m_{000}^{(00)}m_{001}^{(10)}m_{102}^{(10)}m_{021}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(10)}m_{102}^{(11)}m_{021}^{(20)}+m_{000}^{(00)}m_{001}^{(10)}m_{102}^{(20)}m_{030}^{(21)}-m_{000}^{(00)}m_{001}^{(10)}m_{102}^{(20)}m_{021}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{102}^{(21)}m_{030}^{(20)}+m_{000}^{(00)}m_{001}^{(10)}m_{102}^{(21)}m_{021}^{(10)}-m_{000}^{(00)}m_{001}^{(10)}m_{102}^{(22)}m_{030}^{(10)}\\
&+2m_{000}^{(00)}m_{001}^{(10)}m_{030}^{(00)}m_{012}^{(22)}-m_{000}^{(00)}m_{001}^{(10)}m_{030}^{(00)}m_{003}^{(21)}+m_{000}^{(00)}m_{001}^{(10)}m_{030}^{(10)}m_{003}^{(20)}\\
&-4m_{000}^{(00)}m_{001}^{(10)}m_{030}^{(20)}m_{012}^{(20)}+m_{000}^{(00)}m_{001}^{(10)}m_{030}^{(20)}m_{003}^{(10)}-m_{000}^{(00)}m_{001}^{(10)}m_{030}^{(21)}m_{003}^{(00)}\\
&+2m_{000}^{(00)}m_{001}^{(10)}m_{030}^{(21)}m_{012}^{(00)}-4m_{000}^{(00)}m_{001}^{(10)}m_{021}^{(00)}m_{021}^{(22)}+m_{000}^{(00)}m_{001}^{(10)}m_{021}^{(00)}m_{012}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(10)}m_{021}^{(10)}m_{012}^{(20)}+4m_{000}^{(00)}m_{001}^{(10)}(m_{021}^{(20)})^2-m_{000}^{(00)}m_{001}^{(10)}m_{021}^{(20)}m_{012}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{021}^{(21)}m_{012}^{(00)}+m_{000}^{(00)}m_{001}^{(11)}m_{210}^{(10)}m_{012}^{(22)}-m_{000}^{(00)}m_{001}^{(11)}m_{210}^{(20)}m_{012}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{210}^{(21)}m_{012}^{(20)}+m_{000}^{(00)}m_{001}^{(11)}m_{210}^{(22)}m_{012}^{(10)}-m_{000}^{(00)}m_{001}^{(11)}m_{201}^{(10)}m_{021}^{(22)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{201}^{(20)}m_{021}^{(21)}+m_{000}^{(00)}m_{001}^{(11)}m_{201}^{(21)}m_{021}^{(20)}-m_{000}^{(00)}m_{001}^{(11)}m_{201}^{(22)}m_{021}^{(10)}\\
&-2m_{000}^{(00)}m_{001}^{(11)}m_{120}^{(00)}m_{012}^{(22)}+m_{000}^{(00)}m_{001}^{(11)}m_{120}^{(00)}m_{003}^{(21)}+m_{000}^{(00)}m_{001}^{(11)}m_{120}^{(10)}m_{102}^{(22)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{120}^{(10)}m_{003}^{(20)}-m_{000}^{(00)}m_{001}^{(11)}m_{120}^{(20)}m_{102}^{(21)}+4m_{000}^{(00)}m_{001}^{(11)}m_{120}^{(20)}m_{012}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{120}^{(20)}m_{003}^{(10)}-m_{000}^{(00)}m_{001}^{(11)}m_{120}^{(21)}m_{102}^{(20)}+m_{000}^{(00)}m_{001}^{(11)}m_{120}^{(21)}m_{003}^{(00)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{120}^{(22)}m_{102}^{(10)}-2m_{000}^{(00)}m_{001}^{(11)}m_{120}^{(22)}m_{012}^{(00)}+2m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(00)}m_{021}^{(22)}\\
&-2m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(10)}m_{111}^{(22)}+2m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(20)}m_{111}^{(21)}-4m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(20)}m_{021}^{(20)}\\
&+2m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(22)}m_{021}^{(00)}-m_{000}^{(00)}m_{001}^{(11)}m_{102}^{(00)}m_{021}^{(21)}+m_{000}^{(00)}m_{001}^{(11)}m_{102}^{(10)}m_{021}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{102}^{(20)}m_{021}^{(10)}-m_{000}^{(00)}m_{001}^{(11)}m_{102}^{(21)}m_{021}^{(00)}+m_{000}^{(00)}m_{001}^{(20)}m_{210}^{(11)}m_{021}^{(22)}\\
&-2m_{000}^{(00)}m_{001}^{(20)}m_{210}^{(21)}m_{021}^{(21)}+m_{000}^{(00)}m_{001}^{(20)}m_{210}^{(22)}m_{021}^{(11)}-m_{000}^{(00)}m_{001}^{(20)}m_{201}^{(11)}m_{030}^{(22)}\\
&+2m_{000}^{(00)}m_{001}^{(20)}m_{201}^{(21)}m_{030}^{(21)}-m_{000}^{(00)}m_{001}^{(20)}m_{201}^{(22)}m_{030}^{(11)}-2m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(10)}m_{021}^{(22)}\\
&+2m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(10)}m_{012}^{(21)}-2m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(11)}m_{012}^{(20)}+2m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(20)}m_{021}^{(21)}\\
&-2m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(20)}m_{012}^{(11)}+2m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(21)}m_{021}^{(20)}+2m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(21)}m_{012}^{(10)}\\
&-2m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(22)}m_{021}^{(10)}+2m_{000}^{(00)}m_{001}^{(20)}m_{111}^{(10)}m_{030}^{(22)}-2m_{000}^{(00)}m_{001}^{(20)}m_{111}^{(10)}m_{021}^{(21)}\\
&+2m_{000}^{(00)}m_{001}^{(20)}m_{111}^{(11)}m_{021}^{(20)}-2m_{000}^{(00)}m_{001}^{(20)}m_{111}^{(20)}m_{030}^{(21)}+2m_{000}^{(00)}m_{001}^{(20)}m_{111}^{(20)}m_{021}^{(11)}\\
&-2m_{000}^{(00)}m_{001}^{(20)}m_{111}^{(21)}m_{030}^{(20)}-2m_{000}^{(00)}m_{001}^{(20)}m_{111}^{(21)}m_{021}^{(10)}+2m_{000}^{(00)}m_{001}^{(20)}m_{111}^{(22)}m_{030}^{(10)}\\
&-2m_{000}^{(00)}m_{001}^{(20)}m_{030}^{(00)}m_{012}^{(21)}+m_{000}^{(00)}m_{001}^{(20)}m_{030}^{(00)}m_{003}^{(11)}+2m_{000}^{(00)}m_{001}^{(20)}m_{030}^{(10)}m_{012}^{(20)}\\
&-2m_{000}^{(00)}m_{001}^{(20)}m_{030}^{(10)}m_{003}^{(10)}+m_{000}^{(00)}m_{001}^{(20)}m_{030}^{(11)}m_{003}^{(00)}+2m_{000}^{(00)}m_{001}^{(20)}m_{030}^{(20)}m_{012}^{(10)}
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&-2m_{000}^{(00)}m_{001}^{(20)}m_{030}^{(21)}m_{012}^{(00)} + 4m_{000}^{(00)}m_{001}^{(20)}m_{021}^{(00)}m_{021}^{(21)} - m_{000}^{(00)}m_{001}^{(20)}m_{021}^{(00)}m_{012}^{(11)}\\
&-4m_{000}^{(00)}m_{001}^{(20)}m_{021}^{(10)}m_{021}^{(20)} + 2m_{000}^{(00)}m_{001}^{(20)}m_{021}^{(10)}m_{012}^{(10)} - m_{000}^{(00)}m_{001}^{(20)}m_{021}^{(11)}m_{012}^{(00)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(10)}m_{021}^{(22)} - m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(10)}m_{012}^{(21)} + m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(11)}m_{012}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(20)}m_{021}^{(21)} + m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(20)}m_{012}^{(11)} + m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(21)}m_{021}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(21)}m_{012}^{(10)} - m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(22)}m_{021}^{(10)} + m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(10)}m_{030}^{(22)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(10)}m_{021}^{(21)} - m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(11)}m_{021}^{(20)} - m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(20)}m_{030}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(20)}m_{021}^{(11)} - m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(21)}m_{030}^{(20)} + m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(21)}m_{021}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(22)}m_{030}^{(10)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(00)}m_{021}^{(22)} + m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(00)}m_{012}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(00)}m_{003}^{(11)} - m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(10)}m_{102}^{(21)} - m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(10)}m_{012}^{(20)}\\
&+2m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(10)}m_{003}^{(10)} + m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(11)}m_{102}^{(20)} - m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(11)}m_{003}^{(00)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(20)}m_{102}^{(11)} - 4m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(20)}m_{021}^{(20)} - m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(20)}m_{012}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(21)}m_{102}^{(10)} + m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(21)}m_{012}^{(00)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(22)}m_{021}^{(00)}\\
&-2m_{000}^{(00)}m_{001}^{(21)}m_{111}^{(00)}m_{030}^{(22)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{111}^{(00)}m_{021}^{(21)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{111}^{(10)}m_{111}^{(21)}\\
&+2m_{000}^{(00)}m_{001}^{(21)}m_{111}^{(10)}m_{021}^{(20)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{111}^{(11)}m_{111}^{(20)} + 4m_{000}^{(00)}m_{001}^{(21)}m_{111}^{(20)}m_{030}^{(20)}\\
&+2m_{000}^{(00)}m_{001}^{(21)}m_{111}^{(20)}m_{021}^{(10)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{111}^{(21)}m_{021}^{(00)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{111}^{(22)}m_{030}^{(00)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{102}^{(00)}m_{030}^{(21)} + m_{000}^{(00)}m_{001}^{(21)}m_{102}^{(00)}m_{021}^{(11)} - m_{000}^{(00)}m_{001}^{(21)}m_{102}^{(10)}m_{030}^{(20)}\\
&-2m_{000}^{(00)}m_{001}^{(21)}m_{102}^{(10)}m_{021}^{(10)} + m_{000}^{(00)}m_{001}^{(21)}m_{102}^{(11)}m_{021}^{(00)} - m_{000}^{(00)}m_{001}^{(21)}m_{102}^{(20)}m_{030}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{102}^{(21)}m_{030}^{(00)} + m_{000}^{(00)}m_{001}^{(22)}m_{210}^{(10)}m_{021}^{(21)} - m_{000}^{(00)}m_{001}^{(22)}m_{210}^{(11)}m_{021}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(22)}m_{210}^{(20)}m_{021}^{(11)} + m_{000}^{(00)}m_{001}^{(22)}m_{210}^{(21)}m_{021}^{(10)} - m_{000}^{(00)}m_{001}^{(22)}m_{201}^{(10)}m_{030}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(22)}m_{201}^{(11)}m_{030}^{(20)} + m_{000}^{(00)}m_{001}^{(22)}m_{201}^{(20)}m_{030}^{(11)} - m_{000}^{(00)}m_{001}^{(22)}m_{201}^{(21)}m_{030}^{(10)}\\
&-2m_{000}^{(00)}m_{001}^{(22)}m_{120}^{(00)}m_{021}^{(21)} + m_{000}^{(00)}m_{001}^{(22)}m_{120}^{(00)}m_{012}^{(11)} + 2m_{000}^{(00)}m_{001}^{(22)}m_{120}^{(10)}m_{021}^{(20)}\\
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&-2m_{000}^{(00)}m_{001}^{(22)}m_{120}^{(21)}m_{021}^{(00)} + 2m_{000}^{(00)}m_{001}^{(22)}m_{111}^{(00)}m_{030}^{(21)} - 2m_{000}^{(00)}m_{001}^{(22)}m_{111}^{(10)}m_{030}^{(20)}\\
&-2m_{000}^{(00)}m_{001}^{(22)}m_{111}^{(20)}m_{030}^{(10)} + 2m_{000}^{(00)}m_{001}^{(22)}m_{111}^{(21)}m_{030}^{(00)} - m_{000}^{(00)}m_{001}^{(22)}m_{102}^{(00)}m_{030}^{(11)}\\
&+2m_{000}^{(00)}m_{001}^{(22)}m_{102}^{(10)}m_{030}^{(10)} - m_{000}^{(00)}m_{001}^{(22)}m_{102}^{(11)}m_{030}^{(00)} + m_{000}^{(10)}m_{100}^{(00)}m_{120}^{(11)}m_{003}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(00)}m_{120}^{(21)}m_{003}^{(21)} + m_{000}^{(10)}m_{100}^{(00)}m_{120}^{(22)}m_{003}^{(11)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{111}^{(11)}m_{012}^{(22)}\\
&+4m_{000}^{(10)}m_{100}^{(00)}m_{111}^{(21)}m_{012}^{(21)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{111}^{(22)}m_{012}^{(11)} + m_{000}^{(10)}m_{100}^{(00)}m_{102}^{(11)}m_{021}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(00)}m_{102}^{(21)}m_{021}^{(21)} + m_{000}^{(10)}m_{100}^{(00)}m_{102}^{(22)}m_{021}^{(11)} - m_{000}^{(10)}m_{100}^{(00)}m_{030}^{(10)}m_{003}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(00)}m_{030}^{(20)}m_{003}^{(21)} + m_{000}^{(10)}m_{100}^{(00)}m_{030}^{(21)}m_{003}^{(20)} - m_{000}^{(10)}m_{100}^{(00)}m_{030}^{(22)}m_{003}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(10)}m_{012}^{(22)} + 2m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(10)}m_{003}^{(21)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(11)}m_{003}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(20)}m_{012}^{(21)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(20)}m_{003}^{(11)} - m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(21)}m_{012}^{(20)}\\
&+2m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(21)}m_{003}^{(10)} + m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(22)}m_{012}^{(10)} - 4m_{000}^{(10)}m_{100}^{(00)}m_{012}^{(10)}m_{012}^{(21)}\\
&+4m_{000}^{(10)}m_{100}^{(00)}m_{012}^{(11)}m_{012}^{(20)} - m_{000}^{(10)}m_{100}^{(10)}m_{210}^{(11)}m_{003}^{(22)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{210}^{(21)}m_{003}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{210}^{(22)}m_{003}^{(11)} + m_{000}^{(10)}m_{100}^{(10)}m_{201}^{(11)}m_{012}^{(22)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{201}^{(21)}m_{012}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{201}^{(22)}m_{012}^{(11)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(10)}m_{012}^{(22)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(10)}m_{003}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(11)}m_{003}^{(20)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(20)}m_{012}^{(21)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(20)}m_{003}^{(11)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(21)}m_{012}^{(20)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(21)}m_{003}^{(10)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(22)}m_{012}^{(10)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(10)}m_{021}^{(22)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(10)}m_{012}^{(21)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(11)}m_{012}^{(20)}
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&+2m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(20)}m_{021}^{(21)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(20)}m_{012}^{(11)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(21)}m_{021}^{(20)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(21)}m_{012}^{(10)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(22)}m_{021}^{(10)} + m_{000}^{(10)}m_{100}^{(10)}m_{030}^{(00)}m_{003}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{030}^{(20)}m_{003}^{(20)} + m_{000}^{(10)}m_{100}^{(10)}m_{030}^{(22)}m_{003}^{(00)} - m_{000}^{(10)}m_{100}^{(10)}m_{021}^{(00)}m_{012}^{(22)}\\
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&+2m_{000}^{(10)}m_{100}^{(10)}m_{021}^{(20)}m_{003}^{(10)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{021}^{(21)}m_{003}^{(00)} - m_{000}^{(10)}m_{100}^{(10)}m_{021}^{(22)}m_{012}^{(00)}\\
&+4m_{000}^{(10)}m_{100}^{(10)}m_{012}^{(00)}m_{012}^{(21)} - 4m_{000}^{(10)}m_{100}^{(10)}m_{012}^{(10)}m_{012}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{210}^{(10)}m_{003}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{210}^{(20)}m_{003}^{(21)} - m_{000}^{(10)}m_{100}^{(11)}m_{210}^{(21)}m_{003}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{210}^{(22)}m_{003}^{(10)}\\
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&+2m_{000}^{(10)}m_{100}^{(11)}m_{102}^{(20)}m_{012}^{(10)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{102}^{(21)}m_{012}^{(00)} + m_{000}^{(10)}m_{100}^{(11)}m_{102}^{(22)}m_{021}^{(00)}\\
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&+2m_{000}^{(10)}m_{010}^{(00)}m_{102}^{(20)}m_{012}^{(11)} - m_{000}^{(10)}m_{010}^{(00)}m_{102}^{(21)}m_{021}^{(20)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{102}^{(21)}m_{012}^{(10)}\\
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&+2m_{000}^{(10)}m_{010}^{(10)}m_{111}^{(20)}m_{102}^{(21)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{111}^{(20)}m_{003}^{(10)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{111}^{(21)}m_{102}^{(20)}\\
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&-4m_{000}^{(10)}m_{010}^{(10)}m_{102}^{(11)}m_{102}^{(20)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{102}^{(20)}m_{021}^{(20)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{102}^{(20)}m_{012}^{(10)}\\
&+2m_{000}^{(10)}m_{010}^{(10)}m_{102}^{(21)}m_{012}^{(00)} - m_{000}^{(10)}m_{010}^{(10)}m_{102}^{(22)}m_{021}^{(00)} + m_{000}^{(10)}m_{010}^{(11)}m_{300}^{(10)}m_{003}^{(22)}\\
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&-m_{000}^{(10)}m_{010}^{(11)}m_{210}^{(00)}m_{003}^{(22)} + 2m_{000}^{(10)}m_{010}^{(11)}m_{210}^{(20)}m_{003}^{(20)} - m_{000}^{(10)}m_{010}^{(11)}m_{210}^{(22)}m_{003}^{(00)}\\
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&-2m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(10)}m_{003}^{(20)} + m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(20)}m_{102}^{(21)} + 2m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(20)}m_{012}^{(20)}\\
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&+4m_{000}^{(10)}m_{010}^{(11)}m_{102}^{(10)}m_{102}^{(20)} + m_{000}^{(10)}m_{010}^{(20)}m_{300}^{(11)}m_{012}^{(22)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{300}^{(21)}m_{012}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{300}^{(22)}m_{012}^{(11)} - m_{000}^{(10)}m_{010}^{(20)}m_{210}^{(10)}m_{012}^{(22)} + m_{000}^{(10)}m_{010}^{(20)}m_{210}^{(10)}m_{003}^{(21)}\\
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&-2m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(20)}m_{021}^{(20)} + m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(20)}m_{012}^{(10)} + m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(21)}m_{102}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(21)}m_{012}^{(00)} + m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(22)}m_{021}^{(00)} - m_{000}^{(10)}m_{010}^{(21)}m_{120}^{(00)}m_{102}^{(22)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{120}^{(20)}m_{102}^{(20)} - m_{000}^{(10)}m_{010}^{(21)}m_{120}^{(22)}m_{102}^{(00)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{111}^{(00)}m_{111}^{(22)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}(m_{111}^{(20)})^2 + 4m_{000}^{(10)}m_{010}^{(21)}m_{102}^{(00)}m_{102}^{(11)} - 4m_{000}^{(10)}m_{010}^{(21)}(m_{102}^{(10)})^2\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{300}^{(10)}m_{012}^{(21)} - m_{000}^{(10)}m_{010}^{(22)}m_{300}^{(11)}m_{012}^{(20)} - m_{000}^{(10)}m_{010}^{(22)}m_{300}^{(20)}m_{012}^{(11)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{300}^{(21)}m_{012}^{(10)} - m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(00)}m_{012}^{(21)} - m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(10)}m_{102}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(10)}m_{012}^{(20)} + m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(11)}m_{102}^{(20)} + m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(20)}m_{102}^{(11)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(20)}m_{012}^{(10)} - m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(21)}m_{102}^{(10)} - m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(21)}m_{012}^{(00)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(00)}m_{021}^{(21)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(00)}m_{012}^{(11)} + m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(10)}m_{021}^{(20)}\\
&-4m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(10)}m_{012}^{(10)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(11)}m_{012}^{(00)} + m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(20)}m_{021}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(21)}m_{021}^{(00)} + m_{000}^{(10)}m_{010}^{(22)}m_{120}^{(00)}m_{102}^{(21)} - m_{000}^{(10)}m_{010}^{(22)}m_{120}^{(10)}m_{102}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{120}^{(20)}m_{102}^{(10)} + m_{000}^{(10)}m_{010}^{(22)}m_{120}^{(21)}m_{102}^{(00)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{111}^{(00)}m_{111}^{(21)}
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&-2m_{000}^{(10)}m_{010}^{(22)}m_{111}^{(00)}m_{102}^{(11)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{111}^{(10)}m_{111}^{(20)} + 4m_{000}^{(10)}m_{010}^{(22)}m_{111}^{(10)}m_{102}^{(10)}\\
&-2m_{000}^{(10)}m_{010}^{(22)}m_{111}^{(11)}m_{102}^{(00)} - m_{000}^{(10)}m_{001}^{(00)}m_{210}^{(11)}m_{012}^{(22)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{210}^{(21)}m_{012}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{210}^{(22)}m_{012}^{(11)} + m_{000}^{(10)}m_{001}^{(00)}m_{201}^{(11)}m_{021}^{(22)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{201}^{(21)}m_{021}^{(21)}\\
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&+2m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(20)}m_{003}^{(11)} + 6m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(21)}m_{102}^{(21)} - 3m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(21)}m_{012}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(21)}m_{003}^{(10)} - 3m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(22)}m_{102}^{(11)} + 3m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(22)}m_{012}^{(10)}\\
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&-6m_{000}^{(10)}m_{001}^{(00)}(m_{111}^{(21)})^2 + 4m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(21)}m_{021}^{(20)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(21)}m_{012}^{(10)}\\
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&+2m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(20)}m_{012}^{(21)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(20)}m_{003}^{(11)} - 6m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(21)}m_{102}^{(21)}\\
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&-4m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(22)}m_{111}^{(11)} - 3m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(00)}m_{012}^{(22)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(00)}m_{003}^{(21)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(10)}m_{102}^{(22)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(10)}m_{003}^{(20)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(20)}m_{102}^{(21)}\\
&+6m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(20)}m_{012}^{(20)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(20)}m_{003}^{(10)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(21)}m_{102}^{(20)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(21)}m_{003}^{(00)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(22)}m_{102}^{(10)} - 3m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(22)}m_{012}^{(00)}\\
&+4m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(00)}m_{021}^{(22)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(00)}m_{012}^{(21)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(10)}m_{102}^{(21)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(10)}m_{012}^{(20)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(11)}m_{102}^{(20)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(20)}m_{102}^{(11)}\\
&-8m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(20)}m_{021}^{(20)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(20)}m_{012}^{(10)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(21)}m_{102}^{(10)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(21)}m_{012}^{(00)} + 4m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(22)}m_{021}^{(00)} - m_{000}^{(10)}m_{001}^{(10)}m_{102}^{(00)}m_{030}^{(22)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{102}^{(20)}m_{030}^{(20)} - m_{000}^{(10)}m_{001}^{(10)}m_{102}^{(22)}m_{030}^{(00)} - m_{000}^{(10)}m_{001}^{(11)}m_{300}^{(10)}m_{012}^{(22)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{300}^{(20)}m_{012}^{(21)} + m_{000}^{(10)}m_{001}^{(11)}m_{300}^{(21)}m_{012}^{(20)} - m_{000}^{(10)}m_{001}^{(11)}m_{300}^{(22)}m_{012}^{(10)}\\
&+3m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(00)}m_{012}^{(22)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(00)}m_{003}^{(21)} - 3m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(10)}m_{102}^{(22)}\\
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&+2m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(20)}m_{003}^{(10)} + 3m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(21)}m_{102}^{(20)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(21)}m_{003}^{(00)}\\
&-3m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(22)}m_{102}^{(10)} + 3m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(22)}m_{012}^{(00)} - m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(00)}m_{021}^{(22)}\\
&+4m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(10)}m_{111}^{(22)} - 4m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(20)}m_{111}^{(21)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(20)}m_{021}^{(20)}\\
&-4m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(21)}m_{111}^{(20)} + 4m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(22)}m_{111}^{(10)} - m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(22)}m_{021}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{120}^{(00)}m_{102}^{(22)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{120}^{(20)}m_{102}^{(20)} + m_{000}^{(10)}m_{001}^{(11)}m_{120}^{(22)}m_{102}^{(00)}\\
&-6m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(00)}m_{111}^{(22)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(00)}m_{102}^{(21)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(10)}m_{102}^{(20)}\\
&+6m_{000}^{(10)}m_{001}^{(11)}(m_{111}^{(20)})^2 - 2m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(20)}m_{102}^{(10)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(21)}m_{102}^{(00)}\\
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&+3m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(10)}m_{021}^{(22)} - 3m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(10)}m_{012}^{(21)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(11)}m_{111}^{(22)}
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&+3m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(11)}m_{012}^{(20)} - 3m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(20)}m_{021}^{(21)} + 3m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(20)}m_{012}^{(11)}\\
&+4m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(21)}m_{111}^{(21)} - 3m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(21)}m_{021}^{(20)} - 3m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(21)}m_{012}^{(10)}\\
&-2m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(22)}m_{111}^{(11)} + 3m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(22)}m_{021}^{(10)} - m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(10)}m_{030}^{(22)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(10)}m_{021}^{(21)} + 3m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(11)}m_{120}^{(22)} - m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(11)}m_{021}^{(20)}\\
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&+m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(21)}m_{030}^{(20)} + m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(21)}m_{021}^{(10)} + 3m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(22)}m_{120}^{(11)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(22)}m_{030}^{(10)} + 3m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(00)}m_{012}^{(21)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(00)}m_{003}^{(11)}\\
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&+2m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(21)}m_{111}^{(20)} - m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(21)}m_{102}^{(10)} + 3m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(21)}m_{012}^{(00)}\\
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&-m_{000}^{(10)}m_{001}^{(20)}m_{102}^{(20)}m_{030}^{(10)} + m_{000}^{(10)}m_{001}^{(20)}m_{102}^{(21)}m_{030}^{(00)} + m_{000}^{(10)}m_{001}^{(21)}m_{102}^{(10)}m_{030}^{(22)} + m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(10)}m_{021}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(10)}m_{012}^{(21)} - m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(11)}m_{012}^{(20)} - m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(20)}m_{021}^{(21)}\\
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&+2m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(00)}m_{003}^{(11)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(10)}m_{111}^{(22)} + 3m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(10)}m_{102}^{(21)}\\
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&+2m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(11)}m_{003}^{(00)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(20)}m_{111}^{(21)} - 3m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(20)}m_{102}^{(11)}\\
&+6m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(20)}m_{021}^{(20)} + m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(20)}m_{012}^{(10)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(21)}m_{111}^{(20)}\\
&+3m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(21)}m_{102}^{(10)} - m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(21)}m_{012}^{(00)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(22)}m_{111}^{(10)}\\
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&+4m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(11)}m_{111}^{(20)} + 3m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(20)}m_{120}^{(21)} + 4m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(20)}m_{111}^{(11)}\\
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&+3m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(10)}m_{102}^{(20)} - 4m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(20)}m_{111}^{(20)} + 3m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(20)}m_{102}^{(10)}\\
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&+3m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(21)}m_{021}^{(00)} - m_{000}^{(10)}m_{001}^{(22)}m_{201}^{(00)}m_{030}^{(21)} + 3m_{000}^{(10)}m_{001}^{(22)}m_{201}^{(10)}m_{120}^{(21)}\\
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&+m_{000}^{(10)}m_{001}^{(22)}m_{201}^{(20)}m_{030}^{(10)} + 3m_{000}^{(10)}m_{001}^{(22)}m_{201}^{(21)}m_{120}^{(10)} - m_{000}^{(10)}m_{001}^{(22)}m_{201}^{(21)}m_{030}^{(00)}\\
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&+m_{000}^{(11)}m_{100}^{(00)}m_{201}^{(22)}m_{012}^{(11)} + m_{000}^{(11)}m_{100}^{(00)}m_{120}^{(10)}m_{003}^{(22)} - m_{000}^{(11)}m_{100}^{(00)}m_{120}^{(20)}m_{003}^{(21)}\\
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&+m_{000}^{(11)}m_{100}^{(00)}m_{102}^{(20)}m_{021}^{(21)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{102}^{(20)}m_{012}^{(11)} + m_{000}^{(11)}m_{100}^{(00)}m_{102}^{(21)}m_{021}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(00)}m_{102}^{(21)}m_{012}^{(10)} - m_{000}^{(11)}m_{100}^{(00)}m_{102}^{(22)}m_{021}^{(10)} + m_{000}^{(11)}m_{100}^{(10)}m_{300}^{(11)}m_{003}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{300}^{(21)}m_{003}^{(21)} + m_{000}^{(11)}m_{100}^{(10)}m_{300}^{(22)}m_{003}^{(11)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{201}^{(10)}m_{012}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{201}^{(10)}m_{003}^{(21)} - m_{000}^{(11)}m_{100}^{(10)}m_{201}^{(11)}m_{102}^{(22)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{201}^{(11)}m_{003}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{201}^{(20)}m_{012}^{(21)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{201}^{(20)}m_{003}^{(11)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{201}^{(21)}m_{102}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{201}^{(21)}m_{012}^{(20)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{201}^{(21)}m_{003}^{(10)} - m_{000}^{(11)}m_{100}^{(10)}m_{201}^{(22)}m_{102}^{(11)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{201}^{(22)}m_{012}^{(10)} - m_{000}^{(11)}m_{100}^{(10)}m_{120}^{(00)}m_{003}^{(22)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{120}^{(20)}m_{003}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{120}^{(22)}m_{003}^{(00)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{111}^{(00)}m_{003}^{(21)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{111}^{(10)}m_{102}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{111}^{(10)}m_{003}^{(20)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{111}^{(20)}m_{102}^{(21)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{111}^{(20)}m_{003}^{(10)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{111}^{(21)}m_{102}^{(20)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{111}^{(21)}m_{003}^{(00)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{111}^{(22)}m_{102}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{102}^{(00)}m_{021}^{(22)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{102}^{(00)}m_{012}^{(21)} - 4m_{000}^{(11)}m_{100}^{(10)}m_{102}^{(10)}m_{102}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{102}^{(10)}m_{012}^{(20)} + 4m_{000}^{(11)}m_{100}^{(10)}m_{102}^{(11)}m_{102}^{(20)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{102}^{(20)}m_{021}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{102}^{(20)}m_{012}^{(10)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{102}^{(21)}m_{012}^{(00)} + m_{000}^{(11)}m_{100}^{(10)}m_{102}^{(22)}m_{021}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(11)}m_{300}^{(10)}m_{003}^{(22)} + m_{000}^{(11)}m_{100}^{(11)}m_{300}^{(20)}m_{003}^{(21)} + m_{000}^{(11)}m_{100}^{(11)}m_{300}^{(21)}m_{003}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(11)}m_{300}^{(22)}m_{003}^{(10)} + m_{000}^{(11)}m_{100}^{(11)}m_{210}^{(00)}m_{003}^{(22)} - 2m_{000}^{(11)}m_{100}^{(11)}m_{210}^{(20)}m_{003}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{210}^{(22)}m_{003}^{(00)} + m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(00)}m_{012}^{(22)} - 2m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(00)}m_{003}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(10)}m_{102}^{(22)} + 2m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(10)}m_{003}^{(20)} - m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(20)}m_{102}^{(21)}\\
&-2m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(20)}m_{012}^{(20)} + 2m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(20)}m_{003}^{(10)} - m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(21)}m_{102}^{(20)}\\
&-2m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(21)}m_{003}^{(00)} + m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(22)}m_{102}^{(10)} + m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(22)}m_{012}^{(00)}\\
&-2m_{000}^{(11)}m_{100}^{(11)}m_{111}^{(00)}m_{102}^{(22)} + 4m_{000}^{(11)}m_{100}^{(11)}m_{111}^{(20)}m_{102}^{(20)} - 2m_{000}^{(11)}m_{100}^{(11)}m_{111}^{(22)}m_{102}^{(00)}\\
&+4m_{000}^{(11)}m_{100}^{(11)}m_{102}^{(00)}m_{102}^{(21)} - 4m_{000}^{(11)}m_{100}^{(11)}m_{102}^{(10)}m_{102}^{(20)} - m_{000}^{(11)}m_{100}^{(20)}m_{300}^{(11)}m_{012}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{300}^{(21)}m_{012}^{(21)} - m_{000}^{(11)}m_{100}^{(20)}m_{300}^{(22)}m_{012}^{(11)} + m_{000}^{(11)}m_{100}^{(20)}m_{210}^{(10)}m_{012}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{210}^{(10)}m_{003}^{(21)} + m_{000}^{(11)}m_{100}^{(20)}m_{210}^{(11)}m_{102}^{(22)} + m_{000}^{(11)}m_{100}^{(20)}m_{210}^{(11)}m_{003}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{210}^{(20)}m_{012}^{(21)} + m_{000}^{(11)}m_{100}^{(20)}m_{210}^{(20)}m_{003}^{(11)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{210}^{(21)}m_{102}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{210}^{(21)}m_{012}^{(20)} - m_{000}^{(11)}m_{100}^{(20)}m_{210}^{(21)}m_{003}^{(10)} + m_{000}^{(11)}m_{100}^{(20)}m_{210}^{(22)}m_{102}^{(11)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{210}^{(22)}m_{012}^{(10)} + m_{000}^{(11)}m_{100}^{(20)}m_{201}^{(10)}m_{021}^{(22)} - m_{000}^{(11)}m_{100}^{(20)}m_{201}^{(10)}m_{012}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{201}^{(11)}m_{012}^{(20)} - m_{000}^{(11)}m_{100}^{(20)}m_{201}^{(20)}m_{021}^{(21)} + m_{000}^{(11)}m_{100}^{(20)}m_{201}^{(20)}m_{012}^{(11)}
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&-m_{000}^{(11)}m_{100}^{(20)}m_{201}^{(21)}m_{021}^{(20)} - m_{000}^{(11)}m_{100}^{(20)}m_{201}^{(21)}m_{012}^{(10)} + m_{000}^{(11)}m_{100}^{(20)}m_{201}^{(22)}m_{021}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{120}^{(00)}m_{003}^{(21)} - m_{000}^{(11)}m_{100}^{(20)}m_{120}^{(10)}m_{102}^{(22)} - m_{000}^{(11)}m_{100}^{(20)}m_{120}^{(10)}m_{003}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{120}^{(20)}m_{102}^{(21)} - m_{000}^{(11)}m_{100}^{(20)}m_{120}^{(20)}m_{003}^{(10)} + m_{000}^{(11)}m_{100}^{(20)}m_{120}^{(21)}m_{102}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{120}^{(21)}m_{003}^{(00)} - m_{000}^{(11)}m_{100}^{(20)}m_{120}^{(22)}m_{102}^{(10)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(00)}m_{003}^{(11)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(10)}m_{111}^{(22)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(10)}m_{102}^{(21)} + 4m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(10)}m_{003}^{(10)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(11)}m_{102}^{(20)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(11)}m_{003}^{(00)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(20)}m_{111}^{(21)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(20)}m_{102}^{(11)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(21)}m_{102}^{(10)} - m_{000}^{(11)}m_{100}^{(20)}m_{102}^{(00)}m_{021}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{102}^{(00)}m_{012}^{(11)} + m_{000}^{(11)}m_{100}^{(20)}m_{102}^{(10)}m_{021}^{(20)} - 4m_{000}^{(11)}m_{100}^{(20)}m_{102}^{(10)}m_{012}^{(10)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{102}^{(11)}m_{012}^{(00)} + m_{000}^{(11)}m_{100}^{(20)}m_{102}^{(20)}m_{021}^{(10)} - m_{000}^{(11)}m_{100}^{(20)}m_{102}^{(21)}m_{021}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{300}^{(10)}m_{012}^{(22)} + m_{000}^{(11)}m_{100}^{(21)}m_{300}^{(10)}m_{003}^{(21)} - m_{000}^{(11)}m_{100}^{(21)}m_{300}^{(11)}m_{003}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{300}^{(20)}m_{012}^{(21)} - m_{000}^{(11)}m_{100}^{(21)}m_{300}^{(20)}m_{003}^{(11)} - m_{000}^{(11)}m_{100}^{(21)}m_{300}^{(21)}m_{012}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{300}^{(21)}m_{003}^{(10)} + m_{000}^{(11)}m_{100}^{(21)}m_{300}^{(22)}m_{012}^{(10)} - m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(00)}m_{012}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(00)}m_{003}^{(21)} - m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(10)}m_{102}^{(22)} + m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(10)}m_{003}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(20)}m_{102}^{(21)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(20)}m_{012}^{(20)} + m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(20)}m_{003}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(21)}m_{102}^{(20)} - m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(21)}m_{003}^{(00)} - m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(22)}m_{102}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(22)}m_{012}^{(00)} - m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(00)}m_{021}^{(22)} + m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(00)}m_{012}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(00)}m_{003}^{(11)} - m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(10)}m_{102}^{(21)} - m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(10)}m_{012}^{(20)}\\
&-4m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(10)}m_{003}^{(10)} + m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(11)}m_{102}^{(20)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(11)}m_{003}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(20)}m_{102}^{(11)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(20)}m_{021}^{(20)} - m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(20)}m_{012}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(21)}m_{102}^{(10)} + m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(21)}m_{012}^{(00)} - m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(22)}m_{021}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{120}^{(00)}m_{102}^{(22)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{120}^{(20)}m_{102}^{(20)} + m_{000}^{(11)}m_{100}^{(21)}m_{120}^{(22)}m_{102}^{(00)}\\
&+2m_{000}^{(11)}m_{100}^{(21)}m_{111}^{(00)}m_{111}^{(22)} - 2m_{000}^{(11)}m_{100}^{(21)}(m_{111}^{(20)})^2 - 4m_{000}^{(11)}m_{100}^{(21)}m_{102}^{(00)}m_{102}^{(11)}\\
&+4m_{000}^{(11)}m_{100}^{(21)}(m_{102}^{(10)})^2 - m_{000}^{(11)}m_{100}^{(22)}m_{300}^{(10)}m_{012}^{(21)} + m_{000}^{(11)}m_{100}^{(22)}m_{300}^{(11)}m_{012}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{300}^{(20)}m_{012}^{(11)} - m_{000}^{(11)}m_{100}^{(22)}m_{300}^{(21)}m_{012}^{(10)} + m_{000}^{(11)}m_{100}^{(22)}m_{210}^{(00)}m_{012}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{210}^{(10)}m_{102}^{(21)} - m_{000}^{(11)}m_{100}^{(22)}m_{210}^{(10)}m_{012}^{(20)} - m_{000}^{(11)}m_{100}^{(22)}m_{210}^{(11)}m_{102}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{210}^{(20)}m_{102}^{(11)} - m_{000}^{(11)}m_{100}^{(22)}m_{210}^{(20)}m_{012}^{(10)} + m_{000}^{(11)}m_{100}^{(22)}m_{210}^{(21)}m_{102}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(00)}m_{012}^{(21)} - m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(10)}m_{012}^{(20)} + m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(11)}m_{012}^{(10)}\\
&-2m_{000}^{(11)}m_{100}^{(22)}m_{111}^{(00)}m_{111}^{(21)} + 2m_{000}^{(11)}m_{100}^{(22)}m_{111}^{(00)}m_{102}^{(11)} + 2m_{000}^{(11)}m_{100}^{(22)}m_{111}^{(10)}m_{111}^{(20)}\\
&-4m_{000}^{(11)}m_{100}^{(22)}m_{111}^{(10)}m_{102}^{(10)} + 2m_{000}^{(11)}m_{100}^{(22)}m_{111}^{(11)}m_{102}^{(00)} - m_{000}^{(11)}m_{001}^{(00)}m_{210}^{(10)}m_{012}^{(22)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{210}^{(10)}m_{003}^{(21)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{210}^{(11)}m_{102}^{(22)} - m_{000}^{(11)}m_{001}^{(00)}m_{210}^{(11)}m_{003}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{210}^{(20)}m_{012}^{(21)} - m_{000}^{(11)}m_{001}^{(00)}m_{210}^{(20)}m_{003}^{(11)} - 4m_{000}^{(11)}m_{001}^{(00)}m_{210}^{(21)}m_{102}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{210}^{(21)}m_{012}^{(20)} + m_{000}^{(11)}m_{001}^{(00)}m_{210}^{(21)}m_{003}^{(10)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{210}^{(22)}m_{102}^{(11)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{210}^{(22)}m_{012}^{(10)} + m_{000}^{(11)}m_{001}^{(00)}m_{201}^{(10)}m_{021}^{(22)} - m_{000}^{(11)}m_{001}^{(00)}m_{201}^{(10)}m_{012}^{(21)}\\
&-2m_{000}^{(11)}m_{001}^{(00)}m_{201}^{(11)}m_{111}^{(22)} + m_{000}^{(11)}m_{001}^{(00)}m_{201}^{(11)}m_{012}^{(20)} - m_{000}^{(11)}m_{001}^{(00)}m_{201}^{(20)}m_{012}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{201}^{(20)}m_{012}^{(11)} + 4m_{000}^{(11)}m_{001}^{(00)}m_{201}^{(21)}m_{111}^{(21)} - m_{000}^{(11)}m_{001}^{(00)}m_{201}^{(21)}m_{021}^{(20)}
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&-m_{000}^{(11)}m_{001}^{(00)}m_{201}^{(21)}m_{012}^{(10)} - 2m_{000}^{(11)}m_{001}^{(00)}m_{201}^{(22)}m_{111}^{(11)} + m_{000}^{(11)}m_{001}^{(00)}m_{201}^{(22)}m_{021}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{120}^{(10)}m_{102}^{(22)} + m_{000}^{(11)}m_{001}^{(00)}m_{120}^{(20)}m_{102}^{(21)} + m_{000}^{(11)}m_{001}^{(00)}m_{120}^{(21)}m_{102}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{120}^{(22)}m_{102}^{(10)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(10)}m_{111}^{(22)} - 2m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(20)}m_{111}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{300}^{(10)}m_{012}^{(22)} - m_{000}^{(11)}m_{001}^{(10)}m_{300}^{(10)}m_{003}^{(21)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{300}^{(11)}m_{102}^{(22)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{300}^{(11)}m_{003}^{(20)} - m_{000}^{(11)}m_{001}^{(10)}m_{300}^{(20)}m_{012}^{(21)} + m_{000}^{(11)}m_{001}^{(10)}m_{300}^{(20)}m_{003}^{(11)}\\
&+4m_{000}^{(11)}m_{001}^{(10)}m_{300}^{(21)}m_{102}^{(21)} - m_{000}^{(11)}m_{001}^{(10)}m_{300}^{(21)}m_{012}^{(20)} - m_{000}^{(11)}m_{001}^{(10)}m_{300}^{(21)}m_{003}^{(10)}\\
&-2m_{000}^{(11)}m_{001}^{(10)}m_{300}^{(22)}m_{102}^{(11)} + m_{000}^{(11)}m_{001}^{(10)}m_{300}^{(22)}m_{012}^{(10)} + m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(00)}m_{012}^{(22)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(00)}m_{003}^{(21)} - m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(10)}m_{102}^{(22)} + m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(10)}m_{003}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(20)}m_{102}^{(21)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(20)}m_{012}^{(20)} + m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(20)}m_{003}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(21)}m_{102}^{(20)} - m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(21)}m_{003}^{(00)} - m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(22)}m_{102}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(22)}m_{012}^{(00)} - m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(00)}m_{021}^{(22)} + m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(00)}m_{012}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(10)}m_{102}^{(21)} - m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(10)}m_{012}^{(20)} + 4m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(11)}m_{201}^{(22)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(11)}m_{102}^{(20)} - m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(20)}m_{102}^{(11)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(20)}m_{021}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(20)}m_{012}^{(10)} - 4m_{000}^{(11)}m_{001}^{(10)}(m_{201}^{(21)})^2 + m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(21)}m_{102}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(21)}m_{012}^{(00)} - m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(22)}m_{021}^{(00)} + m_{000}^{(11)}m_{001}^{(10)}m_{120}^{(00)}m_{102}^{(22)}\\
&-2m_{000}^{(11)}m_{001}^{(10)}m_{120}^{(20)}m_{102}^{(20)} + m_{000}^{(11)}m_{001}^{(10)}m_{120}^{(22)}m_{102}^{(00)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{111}^{(00)}m_{111}^{(22)}\\
&+2m_{000}^{(11)}m_{001}^{(10)}(m_{111}^{(20)})^2 - m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(00)}m_{012}^{(22)} + m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(00)}m_{003}^{(21)}\\
&+2m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(10)}m_{102}^{(22)} - m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(10)}m_{003}^{(20)} - 2m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(20)}m_{102}^{(21)}\\
&+2m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(20)}m_{012}^{(20)} - m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(20)}m_{003}^{(10)} - 2m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(21)}m_{102}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(21)}m_{003}^{(00)} + 2m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(22)}m_{102}^{(10)} - m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(22)}m_{012}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(11)}m_{210}^{(00)}m_{102}^{(22)} + 2m_{000}^{(11)}m_{001}^{(11)}m_{210}^{(20)}m_{102}^{(20)} - m_{000}^{(11)}m_{001}^{(11)}m_{210}^{(22)}m_{102}^{(00)}\\
&+2m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(00)}m_{111}^{(22)} - m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(00)}m_{102}^{(21)} - 4m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(10)}m_{201}^{(22)}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(10)}m_{102}^{(20)} + 4m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(20)}m_{201}^{(21)} - 4m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(20)}m_{111}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(20)}m_{102}^{(10)} - m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(21)}m_{102}^{(00)} + 2m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(22)}m_{111}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{300}^{(10)}m_{021}^{(22)} + m_{000}^{(11)}m_{001}^{(20)}m_{300}^{(10)}m_{012}^{(21)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{300}^{(11)}m_{111}^{(22)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{300}^{(11)}m_{012}^{(20)} + m_{000}^{(11)}m_{001}^{(20)}m_{300}^{(20)}m_{021}^{(21)} - m_{000}^{(11)}m_{001}^{(20)}m_{300}^{(20)}m_{012}^{(11)}\\
&-4m_{000}^{(11)}m_{001}^{(20)}m_{300}^{(21)}m_{111}^{(21)} + m_{000}^{(11)}m_{001}^{(20)}m_{300}^{(21)}m_{021}^{(20)} + m_{000}^{(11)}m_{001}^{(20)}m_{300}^{(21)}m_{012}^{(10)}\\
&+2m_{000}^{(11)}m_{001}^{(20)}m_{300}^{(22)}m_{111}^{(11)} - m_{000}^{(11)}m_{001}^{(20)}m_{300}^{(22)}m_{021}^{(10)} - m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(00)}m_{012}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(00)}m_{003}^{(11)} + m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(10)}m_{102}^{(21)} + m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(10)}m_{012}^{(20)}\\
&-2m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(10)}m_{003}^{(10)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(11)}m_{201}^{(22)} - m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(11)}m_{102}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(11)}m_{003}^{(00)} - m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(20)}m_{102}^{(11)} + m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(20)}m_{012}^{(10)}\\
&+4m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(21)}m_{201}^{(21)} + m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(21)}m_{102}^{(10)} - m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(21)}m_{012}^{(00)}\\
&-2m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(22)}m_{201}^{(11)} + m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(00)}m_{021}^{(22)} - m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(00)}m_{012}^{(11)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(10)}m_{120}^{(22)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(10)}m_{111}^{(21)} - m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(10)}m_{021}^{(20)}\\
&+2m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(10)}m_{012}^{(10)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(11)}m_{111}^{(20)} - m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(11)}m_{012}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(20)}m_{120}^{(21)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(20)}m_{111}^{(11)} - m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(20)}m_{021}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(21)}m_{120}^{(20)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(21)}m_{111}^{(10)} + m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(21)}m_{021}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(22)}m_{201}^{(10)} - m_{000}^{(11)}m_{001}^{(20)}m_{120}^{(00)}m_{102}^{(21)} + m_{000}^{(11)}m_{001}^{(20)}m_{120}^{(10)}m_{102}^{(20)}
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$$+m_{000}^{(11)}m_{001}^{(20)}m_{120}^{(20)}m_{102}^{(10)} - m_{000}^{(11)}m_{001}^{(20)}m_{120}^{(21)}m_{102}^{(00)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{111}^{(00)}m_{111}^{(21)}$$
$$-2m_{000}^{(11)}m_{001}^{(20)}m_{111}^{(10)}m_{111}^{(20)} + m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(00)}m_{021}^{(22)} - m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(00)}m_{003}^{(11)}$$
$$-2m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(10)}m_{111}^{(22)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(10)}m_{102}^{(21)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(10)}m_{003}^{(10)}$$
$$+2m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(11)}m_{102}^{(20)} - m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(11)}m_{003}^{(00)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(20)}m_{111}^{(21)}$$
$$+2m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(20)}m_{102}^{(11)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(20)}m_{021}^{(20)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(21)}m_{111}^{(20)}$$
$$-2m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(21)}m_{102}^{(10)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(22)}m_{111}^{(10)} + m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(22)}m_{021}^{(00)}$$
$$+2m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(00)}m_{102}^{(21)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(10)}m_{201}^{(22)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(10)}m_{102}^{(20)}$$
$$-2m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(20)}m_{201}^{(21)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(20)}m_{102}^{(10)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(21)}m_{201}^{(20)}$$
$$+2m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(21)}m_{102}^{(00)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(22)}m_{201}^{(10)} - m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(00)}m_{120}^{(22)}$$
$$-2m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(00)}m_{111}^{(21)} + m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(00)}m_{102}^{(11)} + 4m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(10)}m_{201}^{(21)}$$
$$+2m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(10)}m_{111}^{(20)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(10)}m_{102}^{(10)} - 4m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(11)}m_{201}^{(20)}$$
$$+m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(11)}m_{102}^{(00)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(20)}m_{120}^{(20)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(20)}m_{111}^{(10)}$$
$$-2m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(21)}m_{111}^{(00)} - m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(22)}m_{120}^{(00)} - m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(00)}m_{021}^{(21)}$$
$$+m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(00)}m_{012}^{(11)} + 2m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(10)}m_{111}^{(21)} + m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(10)}m_{021}^{(20)}$$
$$-2m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(10)}m_{012}^{(10)} - 2m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(11)}m_{111}^{(20)} + m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(11)}m_{012}^{(00)}$$
$$-2m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(20)}m_{111}^{(11)} + m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(20)}m_{021}^{(10)} + 2m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(21)}m_{111}^{(10)}$$
$$-m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(21)}m_{021}^{(00)} - m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(00)}m_{102}^{(11)} - 2m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(10)}m_{201}^{(21)}$$
$$+2m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(10)}m_{102}^{(10)} + 2m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(11)}m_{201}^{(20)} - m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(11)}m_{102}^{(00)}$$
$$+2m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(20)}m_{201}^{(11)} - 2m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(21)}m_{201}^{(10)} + m_{000}^{(11)}m_{001}^{(22)}m_{201}^{(00)}m_{120}^{(21)}$$
$$-m_{000}^{(11)}m_{001}^{(22)}m_{201}^{(10)}m_{120}^{(20)} - m_{000}^{(11)}m_{001}^{(22)}m_{201}^{(20)}m_{120}^{(10)} + m_{000}^{(11)}m_{001}^{(22)}m_{201}^{(21)}m_{120}^{(00)}$$
$$-m_{000}^{(20)}m_{100}^{(00)}m_{120}^{(11)}m_{012}^{(22)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{120}^{(21)}m_{012}^{(21)} - m_{000}^{(20)}m_{100}^{(00)}m_{120}^{(22)}m_{012}^{(11)}$$
$$+2m_{000}^{(20)}m_{100}^{(00)}m_{111}^{(11)}m_{021}^{(22)} - 4m_{000}^{(20)}m_{100}^{(00)}m_{111}^{(21)}m_{021}^{(21)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{111}^{(22)}m_{021}^{(11)}$$
$$-m_{000}^{(20)}m_{100}^{(00)}m_{102}^{(11)}m_{030}^{(22)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{102}^{(21)}m_{030}^{(21)} - m_{000}^{(20)}m_{100}^{(00)}m_{102}^{(22)}m_{030}^{(11)}$$
$$+2m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(10)}m_{012}^{(22)} - m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(10)}m_{003}^{(21)} + m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(11)}m_{003}^{(20)}$$
$$-2m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(20)}m_{012}^{(21)} + m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(20)}m_{003}^{(11)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(21)}m_{012}^{(20)}$$
$$-m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(21)}m_{003}^{(10)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(22)}m_{012}^{(10)} - 4m_{000}^{(20)}m_{100}^{(00)}m_{021}^{(10)}m_{021}^{(22)}$$
$$+m_{000}^{(20)}m_{100}^{(00)}m_{021}^{(10)}m_{012}^{(21)} - m_{000}^{(20)}m_{100}^{(00)}m_{021}^{(11)}m_{012}^{(20)} + 4m_{000}^{(20)}m_{100}^{(00)}m_{021}^{(20)}m_{021}^{(21)}$$
$$-m_{000}^{(20)}m_{100}^{(00)}m_{021}^{(20)}m_{012}^{(11)} + m_{000}^{(20)}m_{100}^{(00)}m_{021}^{(21)}m_{012}^{(10)} + m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(11)}m_{210}^{(22)}m_{012}$$
$$-2m_{000}^{(20)}m_{100}^{(10)}m_{210}^{(21)}m_{012}^{(21)} + m_{000}^{(20)}m_{100}^{(10)}m_{210}^{(22)}m_{012}^{(11)} - m_{000}^{(20)}m_{100}^{(10)}m_{201}^{(11)}m_{021}^{(22)}$$
$$+2m_{000}^{(20)}m_{100}^{(10)}m_{201}^{(21)}m_{021}^{(21)} - m_{000}^{(20)}m_{100}^{(10)}m_{201}^{(22)}m_{021}^{(11)} - m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(10)}m_{012}^{(22)}$$
$$+m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(10)}m_{003}^{(21)} + m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(11)}m_{102}^{(22)} - m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(11)}m_{003}^{(20)}$$
$$+m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(20)}m_{012}^{(21)} - m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(20)}m_{003}^{(11)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(21)}m_{102}^{(21)}$$
$$+m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(21)}m_{012}^{(20)} + m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(21)}m_{003}^{(10)} + m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(22)}m_{102}^{(11)}$$
$$-m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(22)}m_{012}^{(10)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(22)}m_{111}^{(22)} + 2m_{000}^{(20)}m_{100}^{(10)}(m_{111}^{(21)})^2$$
$$+m_{000}^{(20)}m_{100}^{(10)}m_{102}^{(10)}m_{030}^{(22)} - m_{000}^{(20)}m_{100}^{(10)}m_{102}^{(10)}m_{021}^{(21)} + m_{000}^{(20)}m_{100}^{(10)}m_{102}^{(11)}m_{021}^{(20)}$$
$$-m_{000}^{(20)}m_{100}^{(10)}m_{102}^{(20)}m_{030}^{(21)} + m_{000}^{(20)}m_{100}^{(10)}m_{102}^{(20)}m_{021}^{(11)} - m_{000}^{(20)}m_{100}^{(10)}m_{102}^{(21)}m_{030}^{(20)}$$
$$-m_{000}^{(20)}m_{100}^{(10)}m_{102}^{(21)}m_{021}^{(10)} + m_{000}^{(20)}m_{100}^{(10)}m_{102}^{(22)}m_{030}^{(10)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{030}^{(00)}m_{012}^{(22)}$$
$$+m_{000}^{(20)}m_{100}^{(10)}m_{030}^{(00)}m_{003}^{(21)} - m_{000}^{(20)}m_{100}^{(10)}m_{030}^{(10)}m_{003}^{(20)} + 4m_{000}^{(20)}m_{100}^{(10)}m_{030}^{(20)}m_{012}^{(20)}$$

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&-m_{000}^{(20)}m_{100}^{(10)}m_{030}^{(20)}m_{003}^{(10)}+m_{000}^{(20)}m_{100}^{(10)}m_{030}^{(21)}m_{003}^{(00)}-2m_{000}^{(20)}m_{100}^{(10)}m_{030}^{(22)}m_{012}^{(00)}\\
&+4m_{000}^{(20)}m_{100}^{(10)}m_{021}^{(00)}m_{021}^{(22)}-m_{000}^{(20)}m_{100}^{(10)}m_{021}^{(00)}m_{012}^{(21)}+m_{000}^{(20)}m_{100}^{(10)}m_{021}^{(10)}m_{012}^{(20)}\\
&-4m_{000}^{(20)}m_{100}^{(10)}(m_{021}^{(20)})^2+m_{000}^{(20)}m_{100}^{(10)}m_{021}^{(20)}m_{012}^{(10)}-m_{000}^{(20)}m_{100}^{(10)}m_{021}^{(21)}m_{012}^{(00)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{210}^{(10)}m_{012}^{(22)}+m_{000}^{(20)}m_{100}^{(11)}m_{210}^{(20)}m_{012}^{(21)}+m_{000}^{(20)}m_{100}^{(11)}m_{210}^{(21)}m_{012}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{210}^{(22)}m_{012}^{(10)}+m_{000}^{(20)}m_{100}^{(11)}m_{201}^{(10)}m_{021}^{(22)}-m_{000}^{(20)}m_{100}^{(11)}m_{201}^{(20)}m_{021}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{201}^{(21)}m_{021}^{(20)}+m_{000}^{(20)}m_{100}^{(11)}m_{201}^{(22)}m_{021}^{(10)}+2m_{000}^{(20)}m_{100}^{(11)}m_{120}^{(00)}m_{012}^{(22)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{120}^{(00)}m_{003}^{(21)}-m_{000}^{(20)}m_{100}^{(11)}m_{120}^{(10)}m_{102}^{(22)}+m_{000}^{(20)}m_{100}^{(11)}m_{120}^{(10)}m_{003}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{120}^{(20)}m_{102}^{(21)}-4m_{000}^{(20)}m_{100}^{(11)}m_{120}^{(20)}m_{012}^{(20)}+m_{000}^{(20)}m_{100}^{(11)}m_{120}^{(20)}m_{003}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{120}^{(21)}m_{102}^{(20)}-m_{000}^{(20)}m_{100}^{(11)}m_{120}^{(21)}m_{003}^{(00)}-m_{000}^{(20)}m_{100}^{(11)}m_{120}^{(22)}m_{102}^{(10)}\\
&+2m_{000}^{(20)}m_{100}^{(11)}m_{120}^{(22)}m_{012}^{(00)}-2m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(00)}m_{021}^{(22)}+2m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(10)}m_{111}^{(22)}\\
&-2m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(20)}m_{111}^{(21)}+4m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(20)}m_{021}^{(20)}-2m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(22)}m_{021}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{102}^{(00)}m_{021}^{(21)}-m_{000}^{(20)}m_{100}^{(11)}m_{102}^{(10)}m_{021}^{(20)}-m_{000}^{(20)}m_{100}^{(11)}m_{102}^{(20)}m_{021}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{102}^{(21)}m_{021}^{(00)}-m_{000}^{(20)}m_{100}^{(20)}m_{210}^{(11)}m_{021}^{(22)}+2m_{000}^{(20)}m_{100}^{(20)}m_{210}^{(21)}m_{021}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{210}^{(22)}m_{021}^{(11)}+m_{000}^{(20)}m_{100}^{(20)}m_{201}^{(11)}m_{030}^{(22)}-2m_{000}^{(20)}m_{100}^{(20)}m_{201}^{(21)}m_{030}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{201}^{(22)}m_{030}^{(11)}+2m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(10)}m_{021}^{(22)}-2m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(10)}m_{012}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(11)}m_{012}^{(20)}-2m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(20)}m_{021}^{(21)}+2m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(20)}m_{012}^{(11)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(21)}m_{021}^{(20)}-2m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(21)}m_{012}^{(10)}+2m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(22)}m_{021}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(10)}m_{030}^{(22)}+2m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(10)}m_{021}^{(21)}-2m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(11)}m_{021}^{(20)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(20)}m_{030}^{(21)}-2m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(20)}m_{021}^{(11)}+2m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(21)}m_{030}^{(20)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(21)}m_{021}^{(10)}-2m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(22)}m_{030}^{(10)}+2m_{000}^{(20)}m_{100}^{(20)}m_{030}^{(00)}m_{012}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{030}^{(00)}m_{003}^{(11)}-2m_{000}^{(20)}m_{100}^{(20)}m_{030}^{(10)}m_{012}^{(20)}+2m_{000}^{(20)}m_{100}^{(20)}m_{030}^{(10)}m_{003}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{030}^{(11)}m_{003}^{(00)}-2m_{000}^{(20)}m_{100}^{(20)}m_{030}^{(20)}m_{012}^{(10)}+2m_{000}^{(20)}m_{100}^{(20)}m_{030}^{(21)}m_{012}^{(00)}\\
&-4m_{000}^{(20)}m_{100}^{(20)}m_{021}^{(00)}m_{021}^{(21)}+m_{000}^{(20)}m_{100}^{(20)}m_{021}^{(00)}m_{012}^{(11)}+4m_{000}^{(20)}m_{100}^{(20)}m_{021}^{(10)}m_{021}^{(20)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{021}^{(10)}m_{012}^{(10)}+m_{000}^{(20)}m_{100}^{(20)}m_{021}^{(11)}m_{012}^{(00)}+m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(10)}m_{021}^{(22)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(10)}m_{012}^{(21)}-m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(11)}m_{012}^{(20)}-m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(20)}m_{021}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(20)}m_{012}^{(11)}-m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(21)}m_{021}^{(20)}+m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(21)}m_{012}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(22)}m_{021}^{(10)}-m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(10)}m_{030}^{(22)}-m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(10)}m_{021}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(11)}m_{021}^{(20)}+m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(20)}m_{030}^{(21)}+m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(20)}m_{021}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(21)}m_{030}^{(20)}-m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(21)}m_{021}^{(10)}-m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(22)}m_{030}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(00)}m_{021}^{(22)}-m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(00)}m_{012}^{(21)}+m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(00)}m_{003}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(10)}m_{102}^{(21)}+m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(10)}m_{012}^{(20)}-2m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(10)}m_{003}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(11)}m_{102}^{(20)}+m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(11)}m_{003}^{(00)}-m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(20)}m_{102}^{(11)}\\
&+4m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(20)}m_{021}^{(20)}+m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(20)}m_{012}^{(10)}+m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(21)}m_{102}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(21)}m_{012}^{(00)}-2m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(22)}m_{021}^{(00)}+2m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(00)}m_{030}^{(22)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(00)}m_{021}^{(21)}-2m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(10)}m_{111}^{(21)}-2m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(10)}m_{021}^{(20)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(11)}m_{111}^{(20)}-4m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(20)}m_{030}^{(20)}-2m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(20)}m_{021}^{(10)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(21)}m_{021}^{(00)}+2m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(22)}m_{030}^{(00)}-m_{000}^{(20)}m_{100}^{(21)}m_{102}^{(00)}m_{030}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{102}^{(00)}m_{021}^{(11)}+m_{000}^{(20)}m_{100}^{(21)}m_{102}^{(10)}m_{030}^{(20)}+2m_{000}^{(20)}m_{100}^{(21)}m_{102}^{(10)}m_{021}^{(10)}
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&-m_{000}^{(20)}m_{100}^{(21)}m_{102}^{(11)}m_{021}^{(00)}+m_{000}^{(20)}m_{100}^{(21)}m_{102}^{(20)}m_{030}^{(10)}-m_{000}^{(20)}m_{100}^{(21)}m_{102}^{(21)}m_{030}^{(00)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{210}^{(10)}m_{021}^{(21)}+m_{000}^{(20)}m_{100}^{(22)}m_{210}^{(11)}m_{021}^{(20)}+m_{000}^{(20)}m_{100}^{(22)}m_{210}^{(20)}m_{021}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{210}^{(21)}m_{021}^{(10)}+m_{000}^{(20)}m_{100}^{(22)}m_{201}^{(10)}m_{030}^{(21)}-m_{000}^{(20)}m_{100}^{(22)}m_{201}^{(11)}m_{030}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{201}^{(20)}m_{030}^{(11)}+m_{000}^{(20)}m_{100}^{(22)}m_{201}^{(21)}m_{030}^{(10)}+2m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(00)}m_{021}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(00)}m_{012}^{(11)}-2m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(10)}m_{021}^{(20)}+2m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(10)}m_{012}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(11)}m_{012}^{(00)}-2m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(20)}m_{021}^{(10)}+2m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(21)}m_{021}^{(00)}\\
&-2m_{000}^{(20)}m_{100}^{(22)}m_{111}^{(00)}m_{030}^{(21)}+2m_{000}^{(20)}m_{100}^{(22)}m_{111}^{(10)}m_{030}^{(20)}+2m_{000}^{(20)}m_{100}^{(22)}m_{111}^{(20)}m_{030}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(22)}m_{111}^{(21)}m_{030}^{(00)}+m_{000}^{(20)}m_{100}^{(22)}m_{102}^{(00)}m_{030}^{(11)}-2m_{000}^{(20)}m_{100}^{(22)}m_{102}^{(10)}m_{030}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{102}^{(11)}m_{030}^{(00)}-m_{000}^{(20)}m_{010}^{(00)}m_{210}^{(11)}m_{012}^{(22)}+2m_{000}^{(20)}m_{010}^{(00)}m_{210}^{(21)}m_{012}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{210}^{(22)}m_{012}^{(11)}+m_{000}^{(20)}m_{010}^{(00)}m_{201}^{(11)}m_{021}^{(22)}-2m_{000}^{(20)}m_{010}^{(00)}m_{201}^{(21)}m_{021}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(00)}m_{201}^{(22)}m_{021}^{(11)}+m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(10)}m_{003}^{(21)}+3m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(11)}m_{102}^{(22)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(11)}m_{003}^{(20)}-m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(20)}m_{003}^{(11)}-6m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(21)}m_{102}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(21)}m_{003}^{(10)}+3m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(22)}m_{102}^{(11)}+2m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(10)}m_{021}^{(22)}\\
&-4m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(10)}m_{012}^{(21)}-6m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(11)}m_{111}^{(22)}+4m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(11)}m_{012}^{(20)}\\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(20)}m_{021}^{(21)}+4m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(20)}m_{012}^{(11)}+6m_{000}^{(20)}m_{010}^{(00)}(m_{111}^{(21)})^2\\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(21)}m_{021}^{(20)}-4m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(21)}m_{012}^{(10)}+2m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(22)}m_{021}^{(10)}\\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{102}^{(10)}m_{030}^{(22)}+3m_{000}^{(20)}m_{010}^{(00)}m_{102}^{(10)}m_{021}^{(21)}-3m_{000}^{(20)}m_{010}^{(00)}m_{102}^{(11)}m_{021}^{(20)}\\
&+2m_{000}^{(20)}m_{010}^{(00)}m_{102}^{(20)}m_{030}^{(21)}-3m_{000}^{(20)}m_{010}^{(00)}m_{102}^{(20)}m_{021}^{(11)}+2m_{000}^{(20)}m_{010}^{(00)}m_{102}^{(21)}m_{030}^{(20)}\\
&+3m_{000}^{(20)}m_{010}^{(00)}m_{102}^{(21)}m_{021}^{(10)}-2m_{000}^{(20)}m_{010}^{(00)}m_{102}^{(22)}m_{030}^{(10)}+m_{000}^{(20)}m_{010}^{(10)}m_{300}^{(11)}m_{012}^{(22)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{300}^{(21)}m_{012}^{(21)}+m_{000}^{(20)}m_{010}^{(10)}m_{300}^{(22)}m_{012}^{(11)}+m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(10)}m_{012}^{(22)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(10)}m_{003}^{(21)}-3m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(11)}m_{102}^{(22)}+m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(11)}m_{003}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(20)}m_{012}^{(21)}+m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(20)}m_{003}^{(11)}+6m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(21)}m_{102}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(21)}m_{012}^{(20)}-m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(21)}m_{003}^{(10)}-3m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(22)}m_{102}^{(11)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(22)}m_{012}^{(10)}-3m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(10)}m_{021}^{(22)}+3m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(10)}m_{012}^{(21)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(11)}m_{111}^{(22)}-3m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(11)}m_{012}^{(20)}+3m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(20)}m_{021}^{(21)}\\
&-3m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(20)}m_{012}^{(11)}-4m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(21)}m_{111}^{(21)}+3m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(21)}m_{021}^{(20)}\\
&+3m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(21)}m_{012}^{(10)}+2m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(22)}m_{111}^{(11)}-3m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(22)}m_{021}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{120}^{(00)}m_{003}^{(21)}-m_{000}^{(20)}m_{010}^{(10)}m_{120}^{(10)}m_{102}^{(22)}+m_{000}^{(20)}m_{010}^{(10)}m_{120}^{(10)}m_{003}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{120}^{(20)}m_{102}^{(21)}+m_{000}^{(20)}m_{010}^{(10)}m_{120}^{(20)}m_{003}^{(10)}+m_{000}^{(20)}m_{010}^{(10)}m_{120}^{(21)}m_{102}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{120}^{(21)}m_{003}^{(00)}-m_{000}^{(20)}m_{010}^{(10)}m_{120}^{(22)}m_{102}^{(10)}-2m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(00)}m_{021}^{(22)}\\
&+4m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(00)}m_{012}^{(21)}+6m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(10)}m_{111}^{(22)}-2m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(10)}m_{102}^{(21)}\\
&-4m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(10)}m_{012}^{(20)}+2m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(11)}m_{102}^{(20)}-6m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(20)}m_{111}^{(21)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(20)}m_{102}^{(11)}+4m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(20)}m_{021}^{(20)}-4m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(20)}m_{012}^{(10)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(21)}m_{102}^{(10)}+4m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(21)}m_{012}^{(00)}-2m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(22)}m_{021}^{(00)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{102}^{(00)}m_{030}^{(22)}-3m_{000}^{(20)}m_{010}^{(10)}m_{102}^{(00)}m_{021}^{(21)}+3m_{000}^{(20)}m_{010}^{(10)}m_{102}^{(10)}m_{021}^{(20)}\\
&-4m_{000}^{(20)}m_{010}^{(10)}m_{102}^{(20)}m_{030}^{(20)}+3m_{000}^{(20)}m_{010}^{(10)}m_{102}^{(20)}m_{021}^{(10)}-3m_{000}^{(20)}m_{010}^{(10)}m_{102}^{(21)}m_{021}^{(00)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{102}^{(22)}m_{030}^{(00)}-m_{000}^{(20)}m_{010}^{(11)}m_{300}^{(10)}m_{012}^{(22)}+m_{000}^{(20)}m_{010}^{(11)}m_{300}^{(20)}m_{012}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{300}^{(21)}m_{012}^{(20)}-m_{000}^{(20)}m_{010}^{(11)}m_{300}^{(22)}m_{012}^{(10)}+m_{000}^{(20)}m_{010}^{(11)}m_{210}^{(00)}m_{003}^{(21)}
\end{aligned}
$$

$$+3m_{000}^{(20)}m_{010}^{(11)}m_{210}^{(10)}m_{102}^{(22)} - m_{000}^{(20)}m_{010}^{(11)}m_{210}^{(10)}m_{003}^{(20)} - 3m_{000}^{(20)}m_{010}^{(11)}m_{210}^{(20)}m_{102}^{(21)}$$
$$-m_{000}^{(20)}m_{010}^{(11)}m_{210}^{(20)}m_{003}^{(10)} - 3m_{000}^{(20)}m_{010}^{(11)}m_{210}^{(21)}m_{102}^{(20)} + m_{000}^{(20)}m_{010}^{(11)}m_{210}^{(21)}m_{003}^{(00)}$$
$$+3m_{000}^{(20)}m_{010}^{(11)}m_{210}^{(22)}m_{102}^{(10)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(00)}m_{021}^{(22)} - 3m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(00)}m_{012}^{(21)}$$
$$-2m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(10)}m_{111}^{(22)} + 3m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(10)}m_{012}^{(20)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(20)}m_{111}^{(21)}$$
$$-4m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(20)}m_{021}^{(20)} + 3m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(20)}m_{012}^{(10)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(21)}m_{111}^{(20)}$$
$$-3m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(21)}m_{012}^{(00)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(22)}m_{111}^{(10)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(22)}m_{021}^{(00)}$$
$$-2m_{000}^{(20)}m_{010}^{(11)}m_{120}^{(00)}m_{102}^{(22)} + 4m_{000}^{(20)}m_{010}^{(11)}m_{120}^{(20)}m_{102}^{(20)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{120}^{(22)}m_{102}^{(00)}$$
$$+2m_{000}^{(20)}m_{010}^{(11)}m_{111}^{(00)}m_{102}^{(21)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{111}^{(10)}m_{102}^{(20)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{111}^{(20)}m_{102}^{(10)}$$
$$+2m_{000}^{(20)}m_{010}^{(11)}m_{111}^{(21)}m_{102}^{(00)} - m_{000}^{(20)}m_{010}^{(20)}m_{300}^{(11)}m_{021}^{(22)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{300}^{(21)}m_{021}^{(21)}$$
$$-m_{000}^{(20)}m_{010}^{(20)}m_{300}^{(22)}m_{021}^{(11)} + 4m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(11)}m_{111}^{(22)} - 8m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(21)}m_{111}^{(21)}$$
$$+4m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(22)}m_{111}^{(11)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(10)}m_{030}^{(22)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(10)}m_{021}^{(21)}$$
$$-3m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(11)}m_{120}^{(22)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(11)}m_{021}^{(20)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(20)}m_{030}^{(21)}$$
$$+2m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(20)}m_{021}^{(11)} + 6m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(21)}m_{120}^{(21)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(21)}m_{030}^{(20)}$$
$$-2m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(21)}m_{021}^{(10)} - 3m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(22)}m_{120}^{(11)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(22)}m_{030}^{(10)}$$
$$+m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(00)}m_{003}^{(11)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(10)}m_{111}^{(22)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(10)}m_{102}^{(21)}$$
$$-2m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(10)}m_{003}^{(10)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(11)}m_{102}^{(20)} + m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(11)}m_{003}^{(00)}$$
$$+2m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(20)}m_{111}^{(21)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(20)}m_{102}^{(11)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(21)}m_{111}^{(20)}$$
$$+2m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(21)}m_{102}^{(10)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(22)}m_{111}^{(10)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{111}^{(00)}m_{021}^{(21)}$$
$$-4m_{000}^{(20)}m_{010}^{(20)}m_{111}^{(00)}m_{012}^{(11)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{111}^{(10)}m_{021}^{(20)} + 8m_{000}^{(20)}m_{010}^{(20)}m_{111}^{(10)}m_{012}^{(10)}$$
$$-4m_{000}^{(20)}m_{010}^{(20)}m_{111}^{(11)}m_{012}^{(00)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{111}^{(20)}m_{021}^{(10)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{111}^{(21)}m_{021}^{(00)}$$
$$-2m_{000}^{(20)}m_{010}^{(20)}m_{102}^{(00)}m_{030}^{(21)} + 3m_{000}^{(20)}m_{010}^{(20)}m_{102}^{(00)}m_{021}^{(11)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{102}^{(10)}m_{030}^{(20)}$$
$$-6m_{000}^{(20)}m_{010}^{(20)}m_{102}^{(10)}m_{021}^{(10)} + 3m_{000}^{(20)}m_{010}^{(20)}m_{102}^{(11)}m_{021}^{(00)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{102}^{(20)}m_{030}^{(10)}$$
$$-2m_{000}^{(20)}m_{010}^{(20)}m_{102}^{(21)}m_{030}^{(00)} + m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(10)}m_{021}^{(22)} + m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(10)}m_{012}^{(21)}$$
$$-m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(11)}m_{012}^{(20)} - m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(20)}m_{021}^{(21)} - m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(20)}m_{012}^{(11)}$$
$$-m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(21)}m_{021}^{(20)} + m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(21)}m_{012}^{(10)} + m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(22)}m_{021}^{(10)}$$
$$-m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(00)}m_{012}^{(21)} - m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(00)}m_{003}^{(11)} - 4m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(10)}m_{111}^{(22)}$$
$$-3m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(10)}m_{102}^{(21)} + m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(10)}m_{012}^{(20)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(10)}m_{003}^{(10)}$$
$$+3m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(11)}m_{102}^{(20)} - m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(11)}m_{003}^{(00)} + 4m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(20)}m_{111}^{(21)}$$
$$+3m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(20)}m_{102}^{(11)} + m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(20)}m_{012}^{(10)} + 4m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(21)}m_{111}^{(20)}$$
$$-3m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(21)}m_{102}^{(10)} - m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(21)}m_{012}^{(00)} - 4m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(22)}m_{111}^{(10)}$$
$$-2m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(00)}m_{030}^{(22)} + m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(00)}m_{021}^{(21)} + 3m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(00)}m_{012}^{(11)}$$
$$+3m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(10)}m_{120}^{(22)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(10)}m_{111}^{(21)} - m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(10)}m_{021}^{(20)}$$
$$-6m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(10)}m_{012}^{(10)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(11)}m_{111}^{(20)} + 3m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(11)}m_{012}^{(00)}$$
$$-3m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(20)}m_{120}^{(21)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(20)}m_{111}^{(11)} + 4m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(20)}m_{030}^{(20)}$$
$$-m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(20)}m_{021}^{(10)} - 3m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(21)}m_{120}^{(20)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(21)}m_{111}^{(10)}$$
$$+m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(21)}m_{021}^{(00)} + 3m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(22)}m_{120}^{(10)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(22)}m_{030}^{(00)}$$
$$+2m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(00)}m_{111}^{(22)} + 3m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(00)}m_{102}^{(21)} - 3m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(10)}m_{102}^{(20)}$$
$$-4m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(20)}m_{111}^{(20)} - 3m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(20)}m_{102}^{(10)} + 3m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(21)}m_{102}^{(00)}$$

$$+2m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(22)}m_{111}^{(00)} - 6m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(00)}m_{111}^{(21)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(00)}m_{102}^{(11)}$$
$$+6m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(10)}m_{111}^{(20)} + 4m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(10)}m_{102}^{(10)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(11)}m_{102}^{(00)}$$
$$-m_{000}^{(20)}m_{010}^{(22)}m_{300}^{(10)}m_{021}^{(21)} + m_{000}^{(20)}m_{010}^{(22)}m_{300}^{(11)}m_{021}^{(20)} + m_{000}^{(20)}m_{010}^{(22)}m_{300}^{(20)}m_{021}^{(11)}$$
$$-m_{000}^{(20)}m_{010}^{(22)}m_{300}^{(21)}m_{021}^{(10)} + m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(00)}m_{012}^{(11)} + 4m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(10)}m_{111}^{(21)}$$
$$-2m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(10)}m_{012}^{(10)} - 4m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(11)}m_{111}^{(20)} + m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(11)}m_{012}^{(00)}$$
$$-4m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(20)}m_{111}^{(11)} + 4m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(21)}m_{111}^{(10)} + 2m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(00)}m_{030}^{(21)}$$
$$-3m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(00)}m_{021}^{(11)} - 3m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(10)}m_{120}^{(21)} - 2m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(10)}m_{030}^{(20)}$$
$$+6m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(10)}m_{021}^{(10)} + 3m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(11)}m_{120}^{(20)} - 3m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(11)}m_{021}^{(00)}$$
$$+3m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(20)}m_{120}^{(11)} - 2m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(20)}m_{030}^{(10)} - 3m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(21)}m_{120}^{(10)}$$
$$+2m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(21)}m_{030}^{(00)} - 2m_{000}^{(20)}m_{010}^{(22)}m_{120}^{(00)}m_{111}^{(21)} - m_{000}^{(20)}m_{010}^{(22)}m_{120}^{(00)}m_{102}^{(11)}$$
$$+2m_{000}^{(20)}m_{010}^{(22)}m_{120}^{(10)}m_{111}^{(20)} + 2m_{000}^{(20)}m_{010}^{(22)}m_{120}^{(10)}m_{102}^{(10)} - m_{000}^{(20)}m_{010}^{(22)}m_{120}^{(11)}m_{102}^{(00)}$$
$$+2m_{000}^{(20)}m_{010}^{(22)}m_{120}^{(20)}m_{111}^{(10)} - 2m_{000}^{(20)}m_{010}^{(22)}m_{120}^{(21)}m_{111}^{(00)} + 6m_{000}^{(20)}m_{010}^{(22)}m_{111}^{(00)}m_{111}^{(11)}$$
$$-6m_{000}^{(20)}m_{010}^{(22)}(m_{111}^{(10)})^2 + m_{000}^{(20)}m_{001}^{(00)}m_{210}^{(11)}m_{021}^{(22)} - 2m_{000}^{(20)}m_{001}^{(00)}m_{210}^{(21)}m_{021}^{(11)}$$
$$+m_{000}^{(20)}m_{001}^{(00)}m_{210}^{(22)}m_{021}^{(11)} - m_{000}^{(20)}m_{001}^{(00)}m_{201}^{(11)}m_{030}^{(22)} + 2m_{000}^{(20)}m_{001}^{(00)}m_{201}^{(21)}m_{030}^{(11)}$$
$$-m_{000}^{(20)}m_{001}^{(00)}m_{201}^{(22)}m_{030}^{(11)} - 2m_{000}^{(20)}m_{001}^{(00)}m_{120}^{(10)}m_{021}^{(22)} + m_{000}^{(20)}m_{001}^{(00)}m_{120}^{(10)}m_{012}^{(21)}$$
$$-m_{000}^{(20)}m_{001}^{(00)}m_{120}^{(11)}m_{012}^{(20)} + 2m_{000}^{(20)}m_{001}^{(00)}m_{120}^{(20)}m_{021}^{(11)} - m_{000}^{(20)}m_{001}^{(00)}m_{120}^{(20)}m_{012}^{(11)}$$
$$+2m_{000}^{(20)}m_{001}^{(00)}m_{120}^{(21)}m_{021}^{(20)} + m_{000}^{(20)}m_{001}^{(00)}m_{120}^{(21)}m_{012}^{(10)} - 2m_{000}^{(20)}m_{001}^{(00)}m_{120}^{(22)}m_{021}^{(10)}$$
$$+2m_{000}^{(20)}m_{001}^{(00)}m_{111}^{(10)}m_{030}^{(22)} - 2m_{000}^{(20)}m_{001}^{(00)}m_{111}^{(20)}m_{030}^{(21)} - 2m_{000}^{(20)}m_{001}^{(00)}m_{111}^{(21)}m_{030}^{(20)}$$
$$+2m_{000}^{(20)}m_{001}^{(00)}m_{111}^{(22)}m_{030}^{(10)} - m_{000}^{(20)}m_{001}^{(00)}m_{102}^{(10)}m_{030}^{(21)} + m_{000}^{(20)}m_{001}^{(00)}m_{102}^{(11)}m_{030}^{(20)}$$
$$+m_{000}^{(20)}m_{001}^{(00)}m_{102}^{(20)}m_{030}^{(11)} - m_{000}^{(20)}m_{001}^{(00)}m_{102}^{(21)}m_{030}^{(10)} - m_{000}^{(20)}m_{001}^{(10)}m_{300}^{(11)}m_{021}^{(22)}$$
$$+2m_{000}^{(20)}m_{001}^{(10)}m_{300}^{(21)}m_{021}^{(21)} - m_{000}^{(20)}m_{001}^{(10)}m_{300}^{(22)}m_{021}^{(11)} + m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(10)}m_{021}^{(22)}$$
$$-m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(10)}m_{012}^{(21)} + m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(11)}m_{012}^{(20)} - m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(20)}m_{021}^{(11)}$$
$$+m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(20)}m_{012}^{(11)} - m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(21)}m_{021}^{(20)} - m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(21)}m_{012}^{(10)}$$
$$+m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(22)}m_{021}^{(10)} + m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(10)}m_{030}^{(22)} - m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(10)}m_{021}^{(21)}$$
$$+m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(11)}m_{120}^{(22)} + m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(11)}m_{021}^{(20)} - m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(20)}m_{030}^{(21)}$$
$$+m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(20)}m_{021}^{(11)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(21)}m_{120}^{(21)} - m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(21)}m_{030}^{(20)}$$
$$-m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(21)}m_{021}^{(10)} + m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(22)}m_{120}^{(11)} + m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(22)}m_{030}^{(10)}$$
$$+2m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(00)}m_{021}^{(22)} - m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(00)}m_{012}^{(21)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(10)}m_{111}^{(22)}$$
$$+m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(10)}m_{102}^{(21)} + m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(10)}m_{012}^{(20)} - m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(11)}m_{102}^{(20)}$$
$$+2m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(20)}m_{111}^{(21)} - m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(20)}m_{102}^{(11)} - 4m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(20)}m_{021}^{(20)}$$
$$+m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(20)}m_{012}^{(10)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(21)}m_{111}^{(20)} + m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(21)}m_{102}^{(10)}$$
$$-m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(21)}m_{012}^{(00)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(22)}m_{111}^{(10)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(22)}m_{021}^{(00)}$$
$$-2m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(00)}m_{030}^{(22)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(10)}m_{111}^{(21)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(11)}m_{111}^{(20)}$$
$$+4m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(20)}m_{030}^{(20)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(22)}m_{030}^{(00)} + m_{000}^{(20)}m_{001}^{(10)}m_{102}^{(00)}m_{030}^{(21)}$$
$$-m_{000}^{(20)}m_{001}^{(10)}m_{102}^{(10)}m_{030}^{(20)} - m_{000}^{(20)}m_{001}^{(10)}m_{102}^{(20)}m_{030}^{(10)} + m_{000}^{(20)}m_{001}^{(10)}m_{102}^{(21)}m_{030}^{(00)}$$
$$+m_{000}^{(20)}m_{001}^{(11)}m_{300}^{(10)}m_{021}^{(22)} - m_{000}^{(20)}m_{001}^{(11)}m_{300}^{(20)}m_{021}^{(21)} - m_{000}^{(20)}m_{001}^{(11)}m_{300}^{(21)}m_{021}^{(20)}$$
$$+m_{000}^{(20)}m_{001}^{(11)}m_{300}^{(22)}m_{021}^{(10)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(00)}m_{021}^{(22)} + m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(00)}m_{012}^{(21)}$$
$$-m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(10)}m_{012}^{(20)} + 4m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(20)}m_{021}^{(20)} - m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(20)}m_{012}^{(10)}$$

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\begin{aligned}
&+m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(21)}m_{012}^{(00)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(22)}m_{021}^{(00)} + m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(00)}m_{021}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(10)}m_{120}^{(22)} - m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(10)}m_{021}^{(20)} + m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(20)}m_{120}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(20)}m_{120}^{(10)} + m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(21)}m_{120}^{(20)} + m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(21)}m_{021}^{(00)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(22)}m_{120}^{(10)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{120}^{(00)}m_{111}^{(22)} - m_{000}^{(20)}m_{001}^{(11)}m_{120}^{(00)}m_{102}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{120}^{(10)}m_{102}^{(20)} - 4m_{000}^{(20)}m_{001}^{(11)}m_{120}^{(20)}m_{111}^{(20)} + m_{000}^{(20)}m_{001}^{(11)}m_{120}^{(20)}m_{102}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{120}^{(21)}m_{102}^{(00)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{120}^{(22)}m_{111}^{(00)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{111}^{(00)}m_{111}^{(21)}\\
&+2m_{000}^{(20)}m_{001}^{(11)}m_{111}^{(10)}m_{111}^{(20)} + m_{000}^{(20)}m_{001}^{(20)}m_{300}^{(11)}m_{030}^{(22)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{300}^{(21)}m_{030}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{300}^{(22)}m_{030}^{(11)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(10)}m_{030}^{(22)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(10)}m_{021}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(11)}m_{120}^{(22)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(11)}m_{021}^{(20)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(20)}m_{030}^{(21)}\\
&-2m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(20)}m_{021}^{(11)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(21)}m_{120}^{(21)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(21)}m_{030}^{(20)}\\
&+2m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(21)}m_{021}^{(10)} - m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(22)}m_{120}^{(11)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(22)}m_{030}^{(10)}\\
&-2m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(00)}m_{021}^{(21)} + m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(00)}m_{012}^{(11)} + 4m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(10)}m_{120}^{(22)}\\
&-2m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(10)}m_{111}^{(21)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(10)}m_{021}^{(20)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(10)}m_{012}^{(10)}\\
&+2m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(11)}m_{111}^{(20)} + m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(11)}m_{012}^{(00)} - 4m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(20)}m_{120}^{(21)}\\
&+2m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(20)}m_{111}^{(11)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(20)}m_{021}^{(10)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(21)}m_{111}^{(10)}\\
&-2m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(21)}m_{021}^{(00)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{111}^{(00)}m_{030}^{(21)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{111}^{(10)}m_{030}^{(20)}\\
&-2m_{000}^{(20)}m_{001}^{(20)}m_{111}^{(20)}m_{030}^{(10)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{111}^{(21)}m_{030}^{(00)} - m_{000}^{(20)}m_{001}^{(20)}m_{102}^{(00)}m_{030}^{(11)}\\
&+2m_{000}^{(20)}m_{001}^{(20)}m_{102}^{(10)}m_{030}^{(10)} - m_{000}^{(20)}m_{001}^{(20)}m_{102}^{(11)}m_{030}^{(00)} - m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(10)}m_{030}^{(22)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(10)}m_{021}^{(21)} + m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(11)}m_{021}^{(20)} + m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(20)}m_{030}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(20)}m_{021}^{(11)} + m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(21)}m_{030}^{(20)} - m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(21)}m_{021}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(22)}m_{030}^{(10)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(00)}m_{030}^{(22)} + m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(00)}m_{021}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(00)}m_{012}^{(11)} + m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(10)}m_{120}^{(22)} - m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(10)}m_{021}^{(20)}\\
&+2m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(10)}m_{012}^{(10)} - m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(11)}m_{012}^{(00)} - m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(20)}m_{120}^{(21)}\\
&-4m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(20)}m_{030}^{(20)} - m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(20)}m_{021}^{(10)} - m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(21)}m_{120}^{(20)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(21)}m_{021}^{(00)} + m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(22)}m_{120}^{(10)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(22)}m_{030}^{(00)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(00)}m_{030}^{(21)} - m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(00)}m_{021}^{(11)} + m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(10)}m_{120}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(10)}m_{030}^{(20)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(10)}m_{021}^{(10)} - m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(11)}m_{120}^{(20)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(11)}m_{021}^{(00)} - m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(20)}m_{120}^{(11)} + m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(20)}m_{030}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(21)}m_{120}^{(10)} - m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(21)}m_{030}^{(00)} - 4m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(00)}m_{120}^{(22)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(00)}m_{102}^{(11)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(10)}m_{102}^{(10)} + m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(11)}m_{102}^{(00)}\\
&+4m_{000}^{(20)}m_{001}^{(21)}(m_{120}^{(20)})^2 + 2m_{000}^{(20)}m_{001}^{(21)}m_{111}^{(00)}m_{111}^{(11)} - 2m_{000}^{(20)}m_{001}^{(21)}(m_{111}^{(10)})^2\\
&+m_{000}^{(20)}m_{001}^{(22)}m_{300}^{(10)}m_{030}^{(21)} - m_{000}^{(20)}m_{001}^{(22)}m_{300}^{(11)}m_{030}^{(20)} - m_{000}^{(20)}m_{001}^{(22)}m_{300}^{(20)}m_{030}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(22)}m_{300}^{(21)}m_{030}^{(10)} - 2m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(00)}m_{030}^{(21)} + m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(00)}m_{021}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(10)}m_{120}^{(21)} + 2m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(10)}m_{030}^{(20)} - 2m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(10)}m_{021}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(11)}m_{120}^{(20)} + m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(11)}m_{021}^{(00)} + m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(20)}m_{120}^{(11)}\\
&+2m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(20)}m_{030}^{(10)} - m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(21)}m_{120}^{(10)} - 2m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(21)}m_{030}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(22)}m_{201}^{(00)}m_{030}^{(11)} - 2m_{000}^{(20)}m_{001}^{(22)}m_{201}^{(10)}m_{030}^{(10)} + m_{000}^{(20)}m_{001}^{(22)}m_{201}^{(11)}m_{030}^{(00)}\\
&+4m_{000}^{(20)}m_{001}^{(22)}m_{120}^{(00)}m_{120}^{(21)} - 2m_{000}^{(20)}m_{001}^{(22)}m_{120}^{(00)}m_{111}^{(11)} - 4m_{000}^{(20)}m_{001}^{(22)}m_{120}^{(10)}m_{120}^{(20)}
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\begin{aligned}
&+4m_{000}^{(20)}m_{001}^{(22)}m_{120}^{(10)}m_{111}^{(10)} - 2m_{000}^{(20)}m_{001}^{(22)}m_{120}^{(11)}m_{111}^{(00)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{210}^{(11)}m_{012}^{(22)}\\
&-4m_{000}^{(21)}m_{100}^{(00)}m_{210}^{(21)}m_{012}^{(21)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{210}^{(22)}m_{012}^{(11)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{201}^{(11)}m_{021}^{(22)}\\
&+4m_{000}^{(21)}m_{100}^{(00)}m_{201}^{(21)}m_{021}^{(21)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{201}^{(22)}m_{021}^{(11)} - 3m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(10)}m_{012}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(10)}m_{003}^{(21)} - m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(11)}m_{003}^{(20)} + 3m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(20)}m_{012}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(20)}m_{003}^{(11)} + 3m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(21)}m_{012}^{(20)} + m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(21)}m_{003}^{(10)}\\
&-3m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(22)}m_{012}^{(10)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(10)}m_{021}^{(22)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(10)}m_{012}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(11)}m_{012}^{(20)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(20)}m_{021}^{(21)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(20)}m_{012}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(21)}m_{021}^{(20)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(21)}m_{012}^{(10)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(22)}m_{021}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(10)}m_{030}^{(22)} - 3m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(10)}m_{021}^{(21)} + 3m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(11)}m_{021}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(20)}m_{030}^{(21)} + 3m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(20)}m_{021}^{(11)} - m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(21)}m_{030}^{(20)}\\
&-3m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(21)}m_{021}^{(10)} + m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(22)}m_{030}^{(10)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{300}^{(11)}m_{012}^{(22)}\\
&+4m_{000}^{(21)}m_{100}^{(10)}m_{300}^{(21)}m_{012}^{(21)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{300}^{(22)}m_{012}^{(11)} + m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(10)}m_{012}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(10)}m_{003}^{(21)} + m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(11)}m_{003}^{(20)} - m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(20)}m_{012}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(20)}m_{003}^{(11)} - m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(21)}m_{012}^{(20)} - m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(21)}m_{003}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(22)}m_{012}^{(10)} + 3m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(10)}m_{021}^{(22)} - 3m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(10)}m_{012}^{(21)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(11)}m_{111}^{(22)} + 3m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(11)}m_{012}^{(20)} - 3m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(20)}m_{021}^{(21)}\\
&+3m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(20)}m_{012}^{(11)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(21)}m_{111}^{(21)} - 3m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(21)}m_{021}^{(20)}\\
&-3m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(21)}m_{012}^{(10)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(22)}m_{111}^{(11)} + 3m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(22)}m_{021}^{(10)}\\
&+3m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(00)}m_{012}^{(22)} - m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(00)}m_{003}^{(21)} - m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(10)}m_{102}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(10)}m_{003}^{(20)} + m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(20)}m_{102}^{(21)} - 6m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(20)}m_{012}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(20)}m_{003}^{(10)} + m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(21)}m_{102}^{(20)} - m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(21)}m_{003}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(22)}m_{102}^{(10)} + 3m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(22)}m_{012}^{(00)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(00)}m_{021}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(00)}m_{012}^{(21)} - 6m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(10)}m_{111}^{(22)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(10)}m_{102}^{(21)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(10)}m_{012}^{(20)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(11)}m_{102}^{(20)} + 6m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(20)}m_{111}^{(21)}\\
&-4m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(20)}m_{102}^{(11)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(20)}m_{021}^{(20)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(20)}m_{012}^{(10)}\\
&+4m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(21)}m_{102}^{(10)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(21)}m_{012}^{(00)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(22)}m_{021}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{102}^{(00)}m_{030}^{(22)} + 3m_{000}^{(21)}m_{100}^{(10)}m_{102}^{(00)}m_{021}^{(21)} - 3m_{000}^{(21)}m_{100}^{(10)}m_{102}^{(10)}m_{021}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{102}^{(20)}m_{030}^{(20)} - 3m_{000}^{(21)}m_{100}^{(10)}m_{102}^{(20)}m_{021}^{(10)} + 3m_{000}^{(21)}m_{100}^{(10)}m_{102}^{(21)}m_{021}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{102}^{(22)}m_{030}^{(00)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{300}^{(10)}m_{012}^{(22)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{300}^{(20)}m_{012}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(11)}m_{300}^{(21)}m_{012}^{(20)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{300}^{(22)}m_{012}^{(10)} - 3m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(00)}m_{012}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(00)}m_{003}^{(21)} - m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(10)}m_{003}^{(20)} + 6m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(20)}m_{012}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(20)}m_{003}^{(10)} + m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(21)}m_{003}^{(00)} - 3m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(22)}m_{012}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(00)}m_{021}^{(22)} + 3m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(00)}m_{012}^{(21)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(10)}m_{111}^{(22)}\\
&-3m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(10)}m_{012}^{(20)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(20)}m_{111}^{(21)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(20)}m_{021}^{(20)}\\
&-3m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(20)}m_{012}^{(10)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(21)}m_{111}^{(20)} + 3m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(21)}m_{012}^{(00)}\\
&-2m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(22)}m_{111}^{(10)} - m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(22)}m_{021}^{(00)} + m_{000}^{(21)}m_{100}^{(11)}m_{120}^{(00)}m_{102}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(11)}m_{120}^{(20)}m_{102}^{(20)} + m_{000}^{(21)}m_{100}^{(11)}m_{120}^{(22)}m_{102}^{(00)} + 6m_{000}^{(21)}m_{100}^{(11)}m_{111}^{(00)}m_{111}^{(22)}\\
&-4m_{000}^{(21)}m_{100}^{(11)}m_{111}^{(00)}m_{102}^{(21)} + 4m_{000}^{(21)}m_{100}^{(11)}m_{111}^{(10)}m_{102}^{(20)} - 6m_{000}^{(21)}m_{100}^{(11)}(m_{111}^{(20)})^2
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&+4m_{000}^{(21)}m_{100}^{(11)}m_{111}^{(20)}m_{102}^{(10)} - 4m_{000}^{(21)}m_{100}^{(11)}m_{111}^{(21)}m_{102}^{(00)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{300}^{(11)}m_{021}^{(22)}\\
&-4m_{000}^{(21)}m_{100}^{(20)}m_{300}^{(21)}m_{021}^{(21)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{300}^{(22)}m_{021}^{(11)} - 3m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(10)}m_{021}^{(22)}\\
&+3m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(10)}m_{012}^{(21)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(11)}m_{111}^{(22)} - 3m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(11)}m_{012}^{(20)}\\
&+3m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(20)}m_{021}^{(21)} - 3m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(20)}m_{012}^{(11)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(21)}m_{111}^{(21)}\\
&+3m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(21)}m_{021}^{(20)} + 3m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(21)}m_{012}^{(10)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(22)}m_{111}^{(11)}\\
&-3m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(22)}m_{021}^{(10)} - m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(10)}m_{030}^{(22)} + m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(10)}m_{021}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(11)}m_{021}^{(20)} + m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(20)}m_{030}^{(21)} - m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(20)}m_{021}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(21)}m_{030}^{(20)} + m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(21)}m_{021}^{(10)} - m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(22)}m_{030}^{(10)}\\
&-3m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(00)}m_{012}^{(21)} + m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(00)}m_{003}^{(11)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(10)}m_{111}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(10)}m_{102}^{(21)} + 3m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(10)}m_{012}^{(20)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(10)}m_{003}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(11)}m_{102}^{(20)} + m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(11)}m_{003}^{(00)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(20)}m_{111}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(20)}m_{102}^{(11)} + 3m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(20)}m_{012}^{(10)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(21)}m_{111}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(21)}m_{102}^{(10)} - 3m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(21)}m_{012}^{(00)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(22)}m_{111}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(00)}m_{021}^{(21)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(00)}m_{012}^{(11)} - 6m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(10)}m_{111}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(10)}m_{021}^{(20)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(10)}m_{012}^{(10)} + 6m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(11)}m_{111}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(11)}m_{012}^{(00)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(20)}m_{021}^{(10)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(21)}m_{021}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{102}^{(00)}m_{030}^{(21)} - 3m_{000}^{(21)}m_{100}^{(20)}m_{102}^{(00)}m_{021}^{(11)} - m_{000}^{(21)}m_{100}^{(20)}m_{102}^{(10)}m_{030}^{(20)}\\
&+6m_{000}^{(21)}m_{100}^{(20)}m_{102}^{(10)}m_{021}^{(10)} - 3m_{000}^{(21)}m_{100}^{(20)}m_{102}^{(11)}m_{021}^{(00)} - m_{000}^{(21)}m_{100}^{(20)}m_{102}^{(20)}m_{030}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{102}^{(21)}m_{030}^{(00)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(10)}m_{021}^{(22)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(10)}m_{012}^{(21)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(11)}m_{012}^{(20)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(20)}m_{021}^{(21)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(20)}m_{012}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(21)}m_{021}^{(20)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(21)}m_{012}^{(10)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(22)}m_{021}^{(10)}\\
&+3m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(00)}m_{021}^{(22)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(00)}m_{012}^{(21)} - m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(00)}m_{003}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(10)}m_{111}^{(22)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(10)}m_{012}^{(20)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(10)}m_{003}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(11)}m_{003}^{(00)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(20)}m_{111}^{(21)} - 6m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(20)}m_{021}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(20)}m_{012}^{(10)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(21)}m_{111}^{(20)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(21)}m_{012}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(22)}m_{111}^{(10)} + 3m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(22)}m_{021}^{(00)} + m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(00)}m_{030}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(00)}m_{021}^{(21)} - 3m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(00)}m_{012}^{(11)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(10)}m_{111}^{(21)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(10)}m_{021}^{(20)} + 6m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(10)}m_{012}^{(10)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(11)}m_{111}^{(20)}\\
&-3m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(11)}m_{012}^{(00)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(20)}m_{111}^{(11)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(20)}m_{030}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(20)}m_{021}^{(10)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(21)}m_{111}^{(10)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(21)}m_{021}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(22)}m_{030}^{(00)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{120}^{(00)}m_{111}^{(22)} + 8m_{000}^{(21)}m_{100}^{(21)}m_{120}^{(20)}m_{111}^{(20)}\\
&-4m_{000}^{(21)}m_{100}^{(21)}m_{120}^{(22)}m_{111}^{(00)} + 4m_{000}^{(21)}m_{100}^{(21)}m_{111}^{(00)}m_{102}^{(11)} - 8m_{000}^{(21)}m_{100}^{(21)}m_{111}^{(10)}m_{102}^{(10)}\\
&+4m_{000}^{(21)}m_{100}^{(21)}m_{111}^{(11)}m_{102}^{(00)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{300}^{(10)}m_{021}^{(21)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{300}^{(11)}m_{021}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(22)}m_{300}^{(20)}m_{021}^{(11)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{300}^{(21)}m_{021}^{(10)} - 3m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(00)}m_{021}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(00)}m_{012}^{(11)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(10)}m_{111}^{(21)} + 3m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(10)}m_{021}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(10)}m_{012}^{(10)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(11)}m_{111}^{(20)} + m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(11)}m_{012}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(20)}m_{111}^{(11)} + 3m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(20)}m_{021}^{(10)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(21)}m_{111}^{(10)}\\
&-3m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(21)}m_{021}^{(00)} - m_{000}^{(21)}m_{100}^{(22)}m_{201}^{(00)}m_{030}^{(21)} + 3m_{000}^{(21)}m_{100}^{(22)}m_{201}^{(00)}m_{021}^{(11)}
\end{aligned}
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\begin{aligned}
&+m_{000}^{(21)}m_{100}^{(22)}m_{201}^{(10)}m_{030}^{(20)} - 6m_{000}^{(21)}m_{100}^{(22)}m_{201}^{(10)}m_{021}^{(10)} + 3m_{000}^{(21)}m_{100}^{(22)}m_{201}^{(11)}m_{021}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{201}^{(20)}m_{030}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{201}^{(21)}m_{030}^{(00)} + 4m_{000}^{(21)}m_{100}^{(22)}m_{120}^{(00)}m_{111}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{120}^{(00)}m_{102}^{(11)} - 4m_{000}^{(21)}m_{100}^{(22)}m_{120}^{(10)}m_{111}^{(20)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{120}^{(10)}m_{102}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{120}^{(11)}m_{102}^{(00)} - 4m_{000}^{(21)}m_{100}^{(22)}m_{120}^{(20)}m_{111}^{(10)} + 4m_{000}^{(21)}m_{100}^{(22)}m_{120}^{(21)}m_{111}^{(00)}\\
&-6m_{000}^{(21)}m_{100}^{(22)}m_{111}^{(00)}m_{111}^{(11)} + 6m_{000}^{(21)}m_{100}^{(22)}(m_{111}^{(10)})^2 + m_{000}^{(21)}m_{010}^{(00)}m_{210}^{(10)}m_{012}^{(22)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{210}^{(10)}m_{003}^{(21)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{210}^{(11)}m_{102}^{(22)} + m_{000}^{(21)}m_{010}^{(00)}m_{210}^{(11)}m_{003}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{210}^{(20)}m_{012}^{(21)} + m_{000}^{(21)}m_{010}^{(00)}m_{210}^{(20)}m_{003}^{(11)} + 4m_{000}^{(21)}m_{010}^{(00)}m_{210}^{(21)}m_{102}^{(21)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{210}^{(21)}m_{012}^{(20)} - m_{000}^{(21)}m_{010}^{(00)}m_{210}^{(21)}m_{003}^{(10)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{210}^{(22)}m_{102}^{(11)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{210}^{(22)}m_{012}^{(10)} - m_{000}^{(21)}m_{010}^{(00)}m_{201}^{(10)}m_{021}^{(22)} + m_{000}^{(21)}m_{010}^{(00)}m_{201}^{(10)}m_{012}^{(21)}\\
&+2m_{000}^{(21)}m_{010}^{(00)}m_{201}^{(11)}m_{111}^{(22)} - m_{000}^{(21)}m_{010}^{(00)}m_{201}^{(11)}m_{012}^{(20)} + m_{000}^{(21)}m_{010}^{(00)}m_{201}^{(20)}m_{021}^{(21)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{201}^{(20)}m_{012}^{(11)} - 4m_{000}^{(21)}m_{010}^{(00)}m_{201}^{(21)}m_{111}^{(21)} + m_{000}^{(21)}m_{010}^{(00)}m_{201}^{(21)}m_{021}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{201}^{(21)}m_{012}^{(10)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{201}^{(22)}m_{111}^{(11)} - m_{000}^{(21)}m_{010}^{(00)}m_{201}^{(22)}m_{021}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{120}^{(10)}m_{102}^{(22)} - m_{000}^{(21)}m_{010}^{(00)}m_{120}^{(20)}m_{102}^{(21)} - m_{000}^{(21)}m_{010}^{(00)}m_{120}^{(21)}m_{102}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{120}^{(22)}m_{102}^{(10)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{111}^{(10)}m_{111}^{(22)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{111}^{(20)}m_{111}^{(21)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{300}^{(10)}m_{012}^{(22)} + m_{000}^{(21)}m_{010}^{(10)}m_{300}^{(10)}m_{003}^{(21)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{300}^{(11)}m_{102}^{(22)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{300}^{(11)}m_{003}^{(20)} + m_{000}^{(21)}m_{010}^{(10)}m_{300}^{(20)}m_{012}^{(21)} - m_{000}^{(21)}m_{010}^{(10)}m_{300}^{(20)}m_{003}^{(11)}\\
&-4m_{000}^{(21)}m_{010}^{(10)}m_{300}^{(21)}m_{102}^{(21)} + m_{000}^{(21)}m_{010}^{(10)}m_{300}^{(21)}m_{012}^{(20)} + m_{000}^{(21)}m_{010}^{(10)}m_{300}^{(21)}m_{003}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(10)}m_{300}^{(22)}m_{102}^{(11)} - m_{000}^{(21)}m_{010}^{(10)}m_{300}^{(22)}m_{012}^{(10)} - m_{000}^{(21)}m_{010}^{(10)}m_{210}^{(00)}m_{012}^{(22)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{210}^{(00)}m_{003}^{(21)} + m_{000}^{(21)}m_{010}^{(10)}m_{210}^{(10)}m_{102}^{(22)} - m_{000}^{(21)}m_{010}^{(10)}m_{210}^{(10)}m_{003}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{210}^{(20)}m_{102}^{(21)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{210}^{(20)}m_{012}^{(20)} - m_{000}^{(21)}m_{010}^{(10)}m_{210}^{(20)}m_{003}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{210}^{(21)}m_{102}^{(20)} + m_{000}^{(21)}m_{010}^{(10)}m_{210}^{(21)}m_{003}^{(00)} + m_{000}^{(21)}m_{010}^{(10)}m_{210}^{(22)}m_{102}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{210}^{(22)}m_{012}^{(00)} + m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(00)}m_{021}^{(22)} - m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(00)}m_{012}^{(21)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(10)}m_{102}^{(21)} + m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(10)}m_{012}^{(20)} - 4m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(11)}m_{201}^{(22)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(11)}m_{102}^{(20)} + m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(20)}m_{102}^{(11)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(20)}m_{021}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(20)}m_{012}^{(10)} + 4m_{000}^{(21)}m_{010}^{(10)}(m_{201}^{(21)})^2 - m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(21)}m_{102}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(21)}m_{012}^{(00)} + m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(22)}m_{021}^{(00)} - m_{000}^{(21)}m_{010}^{(10)}m_{120}^{(00)}m_{102}^{(22)}\\
&+2m_{000}^{(21)}m_{010}^{(10)}m_{120}^{(20)}m_{102}^{(20)} - m_{000}^{(21)}m_{010}^{(10)}m_{120}^{(22)}m_{102}^{(00)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{111}^{(00)}m_{111}^{(22)}\\
&-2m_{000}^{(21)}m_{010}^{(10)}(m_{111}^{(20)})^2 + m_{000}^{(21)}m_{010}^{(11)}m_{300}^{(00)}m_{012}^{(22)} - m_{000}^{(21)}m_{010}^{(11)}m_{300}^{(00)}m_{003}^{(21)}\\
&-2m_{000}^{(21)}m_{010}^{(11)}m_{300}^{(10)}m_{102}^{(22)} + m_{000}^{(21)}m_{010}^{(11)}m_{300}^{(10)}m_{003}^{(20)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{300}^{(20)}m_{102}^{(21)}\\
&-2m_{000}^{(21)}m_{010}^{(11)}m_{300}^{(20)}m_{012}^{(20)} + m_{000}^{(21)}m_{010}^{(11)}m_{300}^{(20)}m_{003}^{(10)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{300}^{(21)}m_{102}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(11)}m_{300}^{(21)}m_{003}^{(00)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{300}^{(22)}m_{102}^{(10)} + m_{000}^{(21)}m_{010}^{(11)}m_{300}^{(22)}m_{012}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(11)}m_{210}^{(00)}m_{102}^{(22)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{210}^{(20)}m_{102}^{(20)} + m_{000}^{(21)}m_{010}^{(11)}m_{210}^{(22)}m_{102}^{(00)}\\
&-2m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(00)}m_{111}^{(22)} + m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(00)}m_{102}^{(21)} + 4m_{000}^{(21)}m_{010}^{(11)}m_{010}^{(10)}m_{201}^{(22)}\\
&-m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(10)}m_{102}^{(20)} - 4m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(20)}m_{201}^{(21)} + 4m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(20)}m_{111}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(20)}m_{102}^{(10)} + m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(21)}m_{102}^{(00)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(22)}m_{111}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{300}^{(10)}m_{021}^{(22)} - m_{000}^{(21)}m_{010}^{(20)}m_{300}^{(10)}m_{012}^{(21)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{300}^{(11)}m_{111}^{(22)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{300}^{(11)}m_{012}^{(20)} - m_{000}^{(21)}m_{010}^{(20)}m_{300}^{(20)}m_{021}^{(21)} + m_{000}^{(21)}m_{010}^{(20)}m_{300}^{(20)}m_{012}^{(11)}\\
&+4m_{000}^{(21)}m_{010}^{(20)}m_{300}^{(21)}m_{111}^{(21)} - m_{000}^{(21)}m_{010}^{(20)}m_{300}^{(21)}m_{021}^{(20)} - m_{000}^{(21)}m_{010}^{(20)}m_{300}^{(21)}m_{012}^{(10)}
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&-2m_{000}^{(21)}m_{010}^{(20)}m_{300}^{(22)}m_{111}^{(11)}+m_{000}^{(21)}m_{010}^{(20)}m_{300}^{(22)}m_{021}^{(10)}+m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(00)}m_{012}^{(21)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(00)}m_{003}^{(11)}-m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(10)}m_{102}^{(21)}-m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(10)}m_{012}^{(20)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(10)}m_{003}^{(10)}+2m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(11)}m_{201}^{(22)}+m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(11)}m_{102}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(11)}m_{003}^{(00)}+m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(20)}m_{102}^{(11)}-m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(20)}m_{012}^{(10)}\\
&-4m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(21)}m_{201}^{(21)}-m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(21)}m_{102}^{(10)}+m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(21)}m_{012}^{(00)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(22)}m_{201}^{(11)}-m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(00)}m_{021}^{(21)}+m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(00)}m_{012}^{(11)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(10)}m_{120}^{(22)}+2m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(10)}m_{111}^{(21)}+m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(10)}m_{021}^{(20)}\\
&-2m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(10)}m_{012}^{(10)}-2m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(11)}m_{111}^{(20)}+m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(11)}m_{012}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(20)}m_{120}^{(21)}-2m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(20)}m_{111}^{(11)}+m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(20)}m_{021}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(21)}m_{120}^{(20)}+2m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(21)}m_{111}^{(10)}-m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(21)}m_{021}^{(00)}\\
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&-m_{000}^{(21)}m_{010}^{(20)}m_{120}^{(20)}m_{102}^{(10)}+m_{000}^{(21)}m_{010}^{(20)}m_{120}^{(21)}m_{102}^{(00)}-2m_{000}^{(21)}m_{010}^{(20)}m_{111}^{(21)}m_{111}^{(21)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{111}^{(10)}m_{111}^{(20)}-m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(00)}m_{021}^{(22)}+m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(00)}m_{003}^{(11)}\\
&+2m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(10)}m_{111}^{(22)}+2m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(10)}m_{102}^{(21)}-2m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(10)}m_{003}^{(10)}\\
&-2m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(11)}m_{102}^{(20)}+m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(11)}m_{003}^{(00)}-2m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(20)}m_{111}^{(21)}\\
&-2m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(20)}m_{102}^{(11)}+2m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(20)}m_{021}^{(20)}-2m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(21)}m_{111}^{(20)}\\
&+2m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(21)}m_{102}^{(10)}+2m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(22)}m_{111}^{(10)}-m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(22)}m_{021}^{(00)}\\
&-2m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(00)}m_{102}^{(21)}-2m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(10)}m_{201}^{(22)}+2m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(10)}m_{102}^{(20)}\\
&+2m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(20)}m_{201}^{(21)}+2m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(20)}m_{102}^{(10)}+2m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(21)}m_{201}^{(20)}\\
&-2m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(21)}m_{102}^{(00)}-2m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(22)}m_{201}^{(10)}+m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(00)}m_{120}^{(22)}\\
&+2m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(00)}m_{111}^{(21)}-m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(00)}m_{102}^{(11)}-4m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(10)}m_{201}^{(21)}\\
&-2m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(10)}m_{111}^{(20)}+2m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(10)}m_{102}^{(10)}+4m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(11)}m_{201}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(11)}m_{102}^{(00)}-2m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(20)}m_{120}^{(20)}-2m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(20)}m_{111}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(21)}m_{111}^{(00)}+m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(22)}m_{120}^{(00)}+m_{000}^{(21)}m_{010}^{(22)}m_{300}^{(00)}m_{021}^{(21)}\\
&-m_{000}^{(21)}m_{010}^{(22)}m_{300}^{(00)}m_{012}^{(11)}-2m_{000}^{(21)}m_{010}^{(22)}m_{300}^{(10)}m_{111}^{(21)}-m_{000}^{(21)}m_{010}^{(22)}m_{300}^{(10)}m_{021}^{(20)}\\
&+2m_{000}^{(21)}m_{010}^{(22)}m_{300}^{(10)}m_{012}^{(10)}+2m_{000}^{(21)}m_{010}^{(22)}m_{300}^{(11)}m_{111}^{(20)}-m_{000}^{(21)}m_{010}^{(22)}m_{300}^{(11)}m_{012}^{(00)}\\
&+2m_{000}^{(21)}m_{010}^{(22)}m_{300}^{(20)}m_{111}^{(11)}-m_{000}^{(21)}m_{010}^{(22)}m_{300}^{(20)}m_{021}^{(10)}-2m_{000}^{(21)}m_{010}^{(22)}m_{300}^{(21)}m_{111}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(22)}m_{300}^{(21)}m_{021}^{(00)}+m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(00)}m_{102}^{(11)}+2m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(10)}m_{201}^{(21)}\\
&-2m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(10)}m_{102}^{(10)}-2m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(11)}m_{201}^{(20)}+m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(11)}m_{102}^{(00)}\\
&-2m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(20)}m_{201}^{(11)}+2m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(21)}m_{201}^{(10)}-m_{000}^{(21)}m_{010}^{(22)}m_{201}^{(00)}m_{120}^{(21)}\\
&+m_{000}^{(21)}m_{010}^{(22)}m_{201}^{(10)}m_{120}^{(20)}+m_{000}^{(21)}m_{010}^{(22)}m_{201}^{(20)}m_{120}^{(10)}-m_{000}^{(21)}m_{010}^{(22)}m_{201}^{(21)}m_{120}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{210}^{(10)}m_{021}^{(22)}-m_{000}^{(21)}m_{001}^{(00)}m_{210}^{(10)}m_{012}^{(21)}-2m_{000}^{(21)}m_{001}^{(00)}m_{210}^{(11)}m_{111}^{(22)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{210}^{(11)}m_{012}^{(20)}-m_{000}^{(21)}m_{001}^{(00)}m_{210}^{(20)}m_{021}^{(21)}+m_{000}^{(21)}m_{001}^{(00)}m_{210}^{(20)}m_{012}^{(11)}\\
&+4m_{000}^{(21)}m_{001}^{(00)}m_{210}^{(21)}m_{111}^{(21)}-m_{000}^{(21)}m_{001}^{(00)}m_{210}^{(21)}m_{021}^{(20)}-m_{000}^{(21)}m_{001}^{(00)}m_{210}^{(21)}m_{012}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(00)}m_{210}^{(22)}m_{111}^{(11)}+m_{000}^{(21)}m_{001}^{(00)}m_{210}^{(22)}m_{021}^{(10)}-m_{000}^{(21)}m_{001}^{(00)}m_{201}^{(10)}m_{030}^{(22)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{201}^{(10)}m_{021}^{(21)}+2m_{000}^{(21)}m_{001}^{(00)}m_{201}^{(11)}m_{120}^{(22)}-m_{000}^{(21)}m_{001}^{(00)}m_{201}^{(11)}m_{021}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{201}^{(20)}m_{030}^{(21)}-m_{000}^{(21)}m_{001}^{(00)}m_{201}^{(20)}m_{021}^{(11)}-4m_{000}^{(21)}m_{001}^{(00)}m_{201}^{(21)}m_{120}^{(21)}\\
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&-m_{000}^{(21)}m_{001}^{(00)}m_{201}^{(22)}m_{030}^{(10)}+m_{000}^{(21)}m_{001}^{(00)}m_{120}^{(10)}m_{102}^{(21)}-m_{000}^{(21)}m_{001}^{(00)}m_{120}^{(11)}m_{102}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(00)}m_{120}^{(20)}m_{102}^{(11)}+m_{000}^{(21)}m_{001}^{(00)}m_{120}^{(21)}m_{102}^{(10)}-2m_{000}^{(21)}m_{001}^{(00)}m_{111}^{(10)}m_{111}^{(21)}\\
&+2m_{000}^{(21)}m_{001}^{(00)}m_{111}^{(11)}m_{111}^{(20)}-m_{000}^{(21)}m_{001}^{(10)}m_{300}^{(10)}m_{021}^{(22)}+m_{000}^{(21)}m_{001}^{(10)}m_{300}^{(10)}m_{012}^{(21)}\\
&+2m_{000}^{(21)}m_{001}^{(10)}m_{300}^{(11)}m_{111}^{(22)}-m_{000}^{(21)}m_{001}^{(10)}m_{300}^{(11)}m_{012}^{(20)}+m_{000}^{(21)}m_{001}^{(10)}m_{300}^{(20)}m_{021}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{300}^{(20)}m_{012}^{(11)}-4m_{000}^{(21)}m_{001}^{(10)}m_{300}^{(21)}m_{111}^{(21)}+m_{000}^{(21)}m_{001}^{(10)}m_{300}^{(21)}m_{021}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{300}^{(21)}m_{012}^{(10)}+2m_{000}^{(21)}m_{001}^{(10)}m_{300}^{(22)}m_{111}^{(11)}-m_{000}^{(21)}m_{001}^{(10)}m_{300}^{(22)}m_{021}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(00)}m_{021}^{(22)}+m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(00)}m_{012}^{(21)}+2m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(10)}m_{111}^{(22)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(10)}m_{102}^{(21)}-m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(10)}m_{012}^{(20)}-2m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(11)}m_{201}^{(22)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(11)}m_{102}^{(20)}-2m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(20)}m_{111}^{(21)}+m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(20)}m_{102}^{(11)}\\
&+2m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(20)}m_{021}^{(20)}-m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(20)}m_{012}^{(10)}+4m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(21)}m_{201}^{(21)}\\
&-2m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(21)}m_{111}^{(20)}-m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(21)}m_{102}^{(10)}+m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(21)}m_{012}^{(00)}\\
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&+m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(00)}m_{030}^{(22)}-m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(00)}m_{021}^{(21)}-m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(10)}m_{120}^{(22)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(10)}m_{021}^{(20)}+m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(20)}m_{120}^{(21)}-2m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(20)}m_{030}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(20)}m_{021}^{(10)}+m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(21)}m_{120}^{(20)}-m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(21)}m_{021}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(22)}m_{120}^{(10)}+m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(22)}m_{030}^{(00)}-m_{000}^{(21)}m_{001}^{(10)}m_{120}^{(00)}m_{102}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{120}^{(10)}m_{102}^{(20)}+m_{000}^{(21)}m_{001}^{(10)}m_{120}^{(20)}m_{102}^{(10)}-m_{000}^{(21)}m_{001}^{(10)}m_{120}^{(21)}m_{102}^{(00)}\\
&+2m_{000}^{(21)}m_{001}^{(10)}m_{111}^{(00)}m_{111}^{(21)}-2m_{000}^{(21)}m_{001}^{(10)}m_{111}^{(10)}m_{111}^{(20)}+m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(00)}m_{021}^{(22)}\\
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&+2m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(20)}m_{111}^{(21)}-2m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(20)}m_{021}^{(20)}+m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(20)}m_{012}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(21)}m_{111}^{(20)}-m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(21)}m_{012}^{(00)}-2m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(22)}m_{111}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(22)}m_{021}^{(00)}+m_{000}^{(21)}m_{001}^{(11)}m_{210}^{(00)}m_{102}^{(21)}+2m_{000}^{(21)}m_{001}^{(11)}m_{210}^{(10)}m_{201}^{(22)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{210}^{(10)}m_{102}^{(20)}-2m_{000}^{(21)}m_{001}^{(11)}m_{210}^{(20)}m_{201}^{(21)}-m_{000}^{(21)}m_{001}^{(11)}m_{210}^{(20)}m_{102}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(11)}m_{210}^{(21)}m_{201}^{(20)}+m_{000}^{(21)}m_{001}^{(11)}m_{210}^{(21)}m_{102}^{(00)}+2m_{000}^{(21)}m_{001}^{(11)}m_{210}^{(22)}m_{201}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(00)}m_{120}^{(22)}+2m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(20)}m_{120}^{(20)}-m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(22)}m_{120}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(10)}m_{030}^{(22)}-m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(10)}m_{021}^{(21)}-2m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(11)}m_{120}^{(22)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(11)}m_{021}^{(20)}-m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(20)}m_{030}^{(21)}+m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(20)}m_{021}^{(11)}\\
&+4m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(21)}m_{120}^{(21)}-m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(21)}m_{030}^{(20)}-m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(21)}m_{021}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(22)}m_{120}^{(11)}+m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(22)}m_{030}^{(10)}+m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(00)}m_{021}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(00)}m_{012}^{(11)}-m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(10)}m_{120}^{(22)}-m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(10)}m_{021}^{(20)}\\
&+2m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(10)}m_{012}^{(10)}+4m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(11)}m_{210}^{(22)}-m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(11)}m_{012}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(20)}m_{120}^{(21)}-m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(20)}m_{021}^{(10)}-4m_{000}^{(21)}m_{001}^{(20)}m_{001}^{(21)}(m_{210}^{(21)})^2\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(21)}m_{120}^{(20)}+m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(21)}m_{021}^{(00)}-m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(22)}m_{120}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(00)}m_{030}^{(21)}+m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(00)}m_{021}^{(11)}+m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(10)}m_{120}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(10)}m_{030}^{(20)}-2m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(10)}m_{021}^{(10)}-m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(11)}m_{120}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(11)}m_{021}^{(00)}-m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(20)}m_{120}^{(11)}+m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(20)}m_{030}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(21)}m_{120}^{(10)}-m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(21)}m_{030}^{(00)}+m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(00)}m_{102}^{(11)}\\
&-2m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(10)}m_{102}^{(10)}+m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(11)}m_{102}^{(00)}-2m_{000}^{(21)}m_{001}^{(20)}m_{111}^{(00)}m_{111}^{(11)}
\end{aligned}
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\begin{aligned}
&+2m_{000}^{(21)}m_{001}^{(20)}(m_{111}^{(10)})^2 - m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(00)}m_{030}^{(22)} + m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(00)}m_{012}^{(11)}\\
&+2m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(10)}m_{120}^{(22)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(10)}m_{111}^{(21)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(10)}m_{012}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(11)}m_{111}^{(20)} + m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(11)}m_{012}^{(00)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(20)}m_{120}^{(21)}\\
&-2m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(20)}m_{111}^{(11)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(20)}m_{030}^{(20)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(21)}m_{120}^{(20)}\\
&+2m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(21)}m_{111}^{(10)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(22)}m_{120}^{(10)} - m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(22)}m_{030}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(00)}m_{120}^{(22)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(00)}m_{111}^{(21)} - m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(00)}m_{102}^{(11)}\\
&-4m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(10)}m_{210}^{(22)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(10)}m_{201}^{(21)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(10)}m_{111}^{(20)}\\
&+2m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(10)}m_{102}^{(10)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(11)}m_{201}^{(20)} - m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(11)}m_{102}^{(00)}\\
&+4m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(20)}m_{210}^{(21)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(20)}m_{201}^{(11)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(20)}m_{120}^{(20)}\\
&+2m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(20)}m_{111}^{(10)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(21)}m_{201}^{(10)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(21)}m_{111}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(22)}m_{120}^{(00)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{201}^{(00)}m_{120}^{(21)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{201}^{(10)}m_{120}^{(20)}\\
&-2m_{000}^{(21)}m_{001}^{(21)}m_{201}^{(20)}m_{120}^{(10)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{201}^{(21)}m_{120}^{(00)} + m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(00)}m_{030}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(00)}m_{021}^{(11)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(10)}m_{120}^{(21)} - m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(10)}m_{030}^{(20)}\\
&+2m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(10)}m_{021}^{(10)} + 2m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(11)}m_{120}^{(20)} - m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(11)}m_{021}^{(00)}\\
&+2m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(20)}m_{120}^{(11)} - m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(20)}m_{030}^{(10)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(21)}m_{120}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(21)}m_{030}^{(00)} - m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(00)}m_{120}^{(21)} + 2m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(00)}m_{111}^{(11)}\\
&+4m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(10)}m_{210}^{(21)} + m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(10)}m_{120}^{(20)} - 4m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(10)}m_{111}^{(10)}\\
&-4m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(11)}m_{210}^{(20)} + 2m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(11)}m_{111}^{(00)} + m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(20)}m_{120}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(21)}m_{120}^{(00)} - m_{000}^{(21)}m_{001}^{(22)}m_{201}^{(00)}m_{120}^{(11)} + 2m_{000}^{(21)}m_{001}^{(22)}m_{201}^{(10)}m_{120}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(22)}m_{201}^{(11)}m_{120}^{(00)} - m_{000}^{(22)}m_{100}^{(00)}m_{210}^{(11)}m_{021}^{(22)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{210}^{(21)}m_{021}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{210}^{(22)}m_{021}^{(11)} + m_{000}^{(22)}m_{100}^{(00)}m_{201}^{(11)}m_{030}^{(22)} - 2m_{000}^{(22)}m_{100}^{(00)}m_{201}^{(21)}m_{030}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{201}^{(22)}m_{030}^{(11)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{120}^{(10)}m_{021}^{(22)} - m_{000}^{(22)}m_{100}^{(00)}m_{120}^{(10)}m_{012}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{120}^{(11)}m_{012}^{(20)} - 2m_{000}^{(22)}m_{100}^{(00)}m_{120}^{(20)}m_{021}^{(21)} + m_{000}^{(22)}m_{100}^{(00)}m_{120}^{(20)}m_{012}^{(11)}\\
&-2m_{000}^{(22)}m_{100}^{(00)}m_{120}^{(21)}m_{021}^{(20)} - m_{000}^{(22)}m_{100}^{(00)}m_{120}^{(21)}m_{012}^{(10)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{120}^{(22)}m_{021}^{(10)}\\
&-2m_{000}^{(22)}m_{100}^{(00)}m_{111}^{(10)}m_{030}^{(22)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{111}^{(20)}m_{030}^{(21)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{111}^{(21)}m_{030}^{(20)}\\
&-2m_{000}^{(22)}m_{100}^{(00)}m_{111}^{(22)}m_{030}^{(10)} + m_{000}^{(22)}m_{100}^{(00)}m_{102}^{(10)}m_{030}^{(21)} - m_{000}^{(22)}m_{100}^{(00)}m_{102}^{(11)}m_{030}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{102}^{(20)}m_{030}^{(11)} + m_{000}^{(22)}m_{100}^{(00)}m_{102}^{(21)}m_{030}^{(10)} + m_{000}^{(22)}m_{100}^{(10)}m_{300}^{(11)}m_{021}^{(22)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{300}^{(21)}m_{021}^{(21)} + m_{000}^{(22)}m_{100}^{(10)}m_{300}^{(22)}m_{021}^{(11)} - m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(10)}m_{021}^{(22)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(10)}m_{012}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(11)}m_{012}^{(20)} + m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(20)}m_{021}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(20)}m_{012}^{(11)} + m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(21)}m_{021}^{(20)} + m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(21)}m_{012}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(22)}m_{021}^{(10)} - m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(10)}m_{030}^{(22)} + m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(10)}m_{021}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(11)}m_{120}^{(22)} - m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(11)}m_{021}^{(20)} + m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(20)}m_{030}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(20)}m_{021}^{(11)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(21)}m_{120}^{(21)} + m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(21)}m_{030}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(21)}m_{021}^{(10)} - m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(22)}m_{120}^{(11)} - m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(22)}m_{030}^{(10)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(00)}m_{021}^{(22)} + m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(00)}m_{012}^{(21)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(10)}m_{111}^{(22)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(10)}m_{102}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(20)}m_{012}^{(11)} + m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(11)}m_{102}^{(20)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(20)}m_{111}^{(21)} + m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(20)}m_{102}^{(11)} + 4m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(20)}m_{021}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(20)}m_{012}^{(10)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(21)}m_{111}^{(20)} - m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(21)}m_{102}^{(10)}
\end{aligned}
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$$+m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(21)}m_{012}^{(00)}+2m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(22)}m_{111}^{(10)}-2m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(22)}m_{021}^{(00)}$$
$$+2m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(00)}m_{030}^{(22)}-2m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(10)}m_{111}^{(21)}+2m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(11)}m_{111}^{(20)}$$
$$-4m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(20)}m_{030}^{(20)}+2m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(22)}m_{030}^{(00)}-m_{000}^{(22)}m_{100}^{(10)}m_{102}^{(00)}m_{030}^{(21)}$$
$$+m_{000}^{(22)}m_{100}^{(10)}m_{102}^{(10)}m_{030}^{(20)}+m_{000}^{(22)}m_{100}^{(10)}m_{102}^{(20)}m_{030}^{(10)}-m_{000}^{(22)}m_{100}^{(10)}m_{102}^{(21)}m_{030}^{(00)}$$
$$-m_{000}^{(22)}m_{100}^{(11)}m_{300}^{(10)}m_{021}^{(22)}+m_{000}^{(22)}m_{100}^{(11)}m_{300}^{(20)}m_{021}^{(21)}+m_{000}^{(22)}m_{100}^{(11)}m_{300}^{(21)}m_{021}^{(20)}$$
$$-m_{000}^{(22)}m_{100}^{(11)}m_{300}^{(22)}m_{021}^{(10)}+2m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(00)}m_{021}^{(22)}-m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(00)}m_{012}^{(21)}$$
$$+m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(10)}m_{012}^{(20)}-4m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(20)}m_{021}^{(20)}+m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(20)}m_{012}^{(10)}$$
$$-m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(21)}m_{012}^{(00)}+2m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(22)}m_{021}^{(00)}-m_{000}^{(22)}m_{100}^{(11)}m_{201}^{(00)}m_{021}^{(21)}$$
$$+m_{000}^{(22)}m_{100}^{(11)}m_{201}^{(10)}m_{120}^{(22)}+m_{000}^{(22)}m_{100}^{(11)}m_{201}^{(10)}m_{021}^{(20)}-m_{000}^{(22)}m_{100}^{(11)}m_{201}^{(20)}m_{120}^{(21)}$$
$$+m_{000}^{(22)}m_{100}^{(11)}m_{201}^{(20)}m_{021}^{(10)}-m_{000}^{(22)}m_{100}^{(11)}m_{201}^{(21)}m_{120}^{(20)}-m_{000}^{(22)}m_{100}^{(11)}m_{201}^{(21)}m_{021}^{(00)}$$
$$+m_{000}^{(22)}m_{100}^{(11)}m_{201}^{(22)}m_{120}^{(10)}-2m_{000}^{(22)}m_{100}^{(11)}m_{120}^{(00)}m_{111}^{(22)}+m_{000}^{(22)}m_{100}^{(11)}m_{120}^{(00)}m_{102}^{(21)}$$
$$-m_{000}^{(22)}m_{100}^{(11)}m_{120}^{(10)}m_{102}^{(20)}+4m_{000}^{(22)}m_{100}^{(11)}m_{120}^{(20)}m_{111}^{(20)}-m_{000}^{(22)}m_{100}^{(11)}m_{120}^{(20)}m_{102}^{(10)}$$
$$+m_{000}^{(22)}m_{100}^{(11)}m_{120}^{(21)}m_{102}^{(00)}-2m_{000}^{(22)}m_{100}^{(11)}m_{120}^{(22)}m_{111}^{(00)}+2m_{000}^{(22)}m_{100}^{(11)}m_{111}^{(00)}m_{111}^{(21)}$$
$$-2m_{000}^{(22)}m_{100}^{(11)}m_{111}^{(10)}m_{111}^{(20)}-m_{000}^{(22)}m_{100}^{(20)}m_{300}^{(11)}m_{030}^{(22)}+2m_{000}^{(22)}m_{100}^{(20)}m_{300}^{(22)}m_{030}^{(11)}$$
$$-m_{000}^{(22)}m_{100}^{(20)}m_{300}^{(22)}m_{030}^{(11)}+2m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(10)}m_{030}^{(22)}-2m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(10)}m_{021}^{(21)}$$
$$+m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(11)}m_{120}^{(22)}+2m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(11)}m_{021}^{(20)}-2m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(20)}m_{030}^{(21)}$$
$$+2m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(20)}m_{021}^{(11)}-2m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(21)}m_{120}^{(21)}-2m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(21)}m_{030}^{(20)}$$
$$-2m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(21)}m_{021}^{(10)}+m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(22)}m_{120}^{(11)}+2m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(22)}m_{030}^{(10)}$$
$$+2m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(00)}m_{021}^{(21)}-m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(00)}m_{012}^{(11)}-4m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(10)}m_{120}^{(22)}$$
$$+2m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(10)}m_{111}^{(21)}-2m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(10)}m_{021}^{(20)}+2m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(10)}m_{012}^{(10)}$$
$$-2m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(11)}m_{111}^{(20)}-m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(11)}m_{012}^{(00)}+4m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(20)}m_{120}^{(21)}$$
$$-2m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(20)}m_{111}^{(11)}-2m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(20)}m_{021}^{(10)}+2m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(21)}m_{111}^{(10)}$$
$$+2m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(21)}m_{021}^{(00)}-2m_{000}^{(22)}m_{100}^{(20)}m_{111}^{(00)}m_{030}^{(21)}+2m_{000}^{(22)}m_{100}^{(20)}m_{111}^{(10)}m_{030}^{(20)}$$
$$+2m_{000}^{(22)}m_{100}^{(20)}m_{111}^{(20)}m_{030}^{(10)}-2m_{000}^{(22)}m_{100}^{(20)}m_{111}^{(21)}m_{030}^{(00)}+m_{000}^{(22)}m_{100}^{(20)}m_{102}^{(00)}m_{030}^{(11)}$$
$$-2m_{000}^{(22)}m_{100}^{(20)}m_{102}^{(10)}m_{030}^{(10)}+m_{000}^{(22)}m_{100}^{(20)}m_{102}^{(11)}m_{030}^{(00)}+m_{000}^{(22)}m_{100}^{(21)}m_{300}^{(10)}m_{030}^{(22)}$$
$$+m_{000}^{(22)}m_{100}^{(21)}m_{300}^{(10)}m_{021}^{(21)}-m_{000}^{(22)}m_{100}^{(21)}m_{300}^{(11)}m_{021}^{(20)}-m_{000}^{(22)}m_{100}^{(21)}m_{300}^{(20)}m_{030}^{(21)}$$
$$-m_{000}^{(22)}m_{100}^{(21)}m_{300}^{(20)}m_{021}^{(11)}-m_{000}^{(22)}m_{100}^{(21)}m_{300}^{(21)}m_{030}^{(20)}+m_{000}^{(22)}m_{100}^{(21)}m_{300}^{(21)}m_{021}^{(10)}$$
$$+m_{000}^{(22)}m_{100}^{(21)}m_{300}^{(22)}m_{030}^{(10)}-2m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(00)}m_{030}^{(22)}-m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(00)}m_{021}^{(21)}$$
$$+m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(00)}m_{012}^{(11)}-m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(10)}m_{120}^{(22)}+m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(10)}m_{021}^{(20)}$$
$$-2m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(10)}m_{012}^{(10)}+m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(11)}m_{012}^{(00)}+m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(20)}m_{120}^{(21)}$$
$$+4m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(20)}m_{030}^{(20)}+m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(20)}m_{021}^{(10)}+m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(21)}m_{120}^{(20)}$$
$$-m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(21)}m_{021}^{(00)}-m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(22)}m_{120}^{(10)}-2m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(22)}m_{030}^{(00)}$$
$$+m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(00)}m_{030}^{(21)}+m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(00)}m_{021}^{(11)}-m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(10)}m_{120}^{(21)}$$
$$-m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(10)}m_{030}^{(20)}-2m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(10)}m_{021}^{(10)}+m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(11)}m_{120}^{(20)}$$
$$+m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(11)}m_{021}^{(00)}+m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(20)}m_{120}^{(11)}-m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(20)}m_{030}^{(10)}$$
$$-m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(21)}m_{120}^{(10)}+m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(21)}m_{030}^{(00)}+4m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(20)}m_{120}^{(22)}$$
$$-m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(00)}m_{102}^{(11)}+2m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(10)}m_{102}^{(10)}-m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(11)}m_{102}^{(00)}$$
$$-4m_{000}^{(22)}m_{100}^{(21)}(m_{120}^{(20)})^2-2m_{000}^{(22)}m_{100}^{(21)}m_{111}^{(00)}m_{111}^{(11)}+2m_{000}^{(22)}m_{100}^{(21)}(m_{111}^{(10)})^2$$

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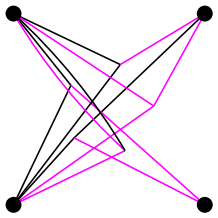
\begin{aligned}
&-m_{000}^{(22)}m_{100}^{(22)}m_{300}^{(10)}m_{030}^{(21)}+m_{000}^{(22)}m_{100}^{(22)}m_{300}^{(11)}m_{030}^{(20)}+m_{000}^{(22)}m_{100}^{(22)}m_{300}^{(20)}m_{030}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(22)}m_{300}^{(21)}m_{030}^{(10)}+2m_{000}^{(22)}m_{100}^{(22)}m_{210}^{(00)}m_{030}^{(21)}-m_{000}^{(22)}m_{100}^{(22)}m_{210}^{(00)}m_{021}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(22)}m_{210}^{(10)}m_{120}^{(21)}-2m_{000}^{(22)}m_{100}^{(22)}m_{210}^{(10)}m_{030}^{(20)}+2m_{000}^{(22)}m_{100}^{(22)}m_{210}^{(10)}m_{021}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(22)}m_{210}^{(11)}m_{120}^{(20)}-m_{000}^{(22)}m_{100}^{(22)}m_{210}^{(11)}m_{021}^{(00)}-m_{000}^{(22)}m_{100}^{(22)}m_{210}^{(20)}m_{120}^{(11)}\\
&-2m_{000}^{(22)}m_{100}^{(22)}m_{210}^{(20)}m_{030}^{(10)}+m_{000}^{(22)}m_{100}^{(22)}m_{210}^{(21)}m_{120}^{(10)}+2m_{000}^{(22)}m_{100}^{(22)}m_{210}^{(21)}m_{030}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(22)}m_{201}^{(00)}m_{030}^{(11)}+2m_{000}^{(22)}m_{100}^{(22)}m_{201}^{(10)}m_{030}^{(10)}-m_{000}^{(22)}m_{100}^{(22)}m_{201}^{(11)}m_{030}^{(00)}\\
&-4m_{000}^{(22)}m_{100}^{(22)}m_{120}^{(00)}m_{120}^{(21)}+2m_{000}^{(22)}m_{100}^{(22)}m_{120}^{(00)}m_{111}^{(11)}+4m_{000}^{(22)}m_{100}^{(22)}m_{120}^{(10)}m_{120}^{(20)}\\
&-4m_{000}^{(22)}m_{100}^{(22)}m_{120}^{(10)}m_{111}^{(10)}+2m_{000}^{(22)}m_{100}^{(22)}m_{120}^{(11)}m_{111}^{(00)}-m_{000}^{(22)}m_{010}^{(00)}m_{210}^{(10)}m_{021}^{(22)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{210}^{(10)}m_{012}^{(21)}+2m_{000}^{(22)}m_{010}^{(00)}m_{210}^{(11)}m_{111}^{(22)}-m_{000}^{(22)}m_{010}^{(00)}m_{210}^{(11)}m_{012}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{210}^{(20)}m_{021}^{(21)}-m_{000}^{(22)}m_{010}^{(00)}m_{210}^{(20)}m_{012}^{(11)}-4m_{000}^{(22)}m_{010}^{(00)}m_{210}^{(21)}m_{111}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{210}^{(21)}m_{021}^{(20)}+m_{000}^{(22)}m_{010}^{(00)}m_{210}^{(21)}m_{012}^{(10)}+2m_{000}^{(22)}m_{010}^{(00)}m_{210}^{(22)}m_{111}^{(11)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{210}^{(22)}m_{021}^{(10)}+m_{000}^{(22)}m_{010}^{(00)}m_{201}^{(10)}m_{030}^{(22)}-m_{000}^{(22)}m_{010}^{(00)}m_{201}^{(10)}m_{021}^{(21)}\\
&-2m_{000}^{(22)}m_{010}^{(00)}m_{201}^{(11)}m_{120}^{(22)}+m_{000}^{(22)}m_{010}^{(00)}m_{201}^{(11)}m_{021}^{(20)}-m_{000}^{(22)}m_{010}^{(00)}m_{201}^{(20)}m_{030}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{201}^{(20)}m_{021}^{(11)}+4m_{000}^{(22)}m_{010}^{(00)}m_{201}^{(21)}m_{120}^{(21)}-m_{000}^{(22)}m_{010}^{(00)}m_{201}^{(21)}m_{030}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{201}^{(21)}m_{021}^{(10)}-2m_{000}^{(22)}m_{010}^{(00)}m_{201}^{(22)}m_{120}^{(11)}+m_{000}^{(22)}m_{010}^{(00)}m_{201}^{(22)}m_{030}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(21)}m_{102}^{(21)}+m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(11)}m_{102}^{(20)}+m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(20)}m_{102}^{(11)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(21)}m_{102}^{(10)}+2m_{000}^{(22)}m_{010}^{(00)}m_{111}^{(10)}m_{111}^{(21)}-2m_{000}^{(22)}m_{010}^{(00)}m_{111}^{(11)}m_{111}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{300}^{(10)}m_{021}^{(22)}-m_{000}^{(22)}m_{010}^{(10)}m_{300}^{(10)}m_{012}^{(21)}-2m_{000}^{(22)}m_{010}^{(10)}m_{300}^{(11)}m_{111}^{(22)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{300}^{(11)}m_{012}^{(20)}-m_{000}^{(22)}m_{010}^{(10)}m_{300}^{(20)}m_{021}^{(21)}+m_{000}^{(22)}m_{010}^{(10)}m_{300}^{(20)}m_{012}^{(11)}\\
&+4m_{000}^{(22)}m_{010}^{(10)}m_{300}^{(21)}m_{111}^{(21)}-m_{000}^{(22)}m_{010}^{(10)}m_{300}^{(21)}m_{021}^{(20)}-m_{000}^{(22)}m_{010}^{(10)}m_{300}^{(21)}m_{012}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(10)}m_{300}^{(22)}m_{111}^{(11)}+m_{000}^{(22)}m_{010}^{(10)}m_{300}^{(22)}m_{021}^{(10)}+m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(00)}m_{021}^{(22)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(00)}m_{012}^{(21)}-2m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(10)}m_{111}^{(22)}+m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(10)}m_{012}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(10)}m_{012}^{(20)}+2m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(11)}m_{201}^{(22)}-m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(11)}m_{102}^{(20)}\\
&+2m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(20)}m_{111}^{(21)}-m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(20)}m_{102}^{(11)}-2m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(20)}m_{021}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(20)}m_{012}^{(10)}-4m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(21)}m_{201}^{(21)}+2m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(21)}m_{111}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(21)}m_{102}^{(10)}-m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(21)}m_{012}^{(00)}+2m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(22)}m_{201}^{(11)}\\
&-2m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(22)}m_{111}^{(10)}+m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(22)}m_{021}^{(00)}-m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(00)}m_{030}^{(22)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(00)}m_{021}^{(21)}+m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(10)}m_{120}^{(22)}-m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(10)}m_{021}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(20)}m_{120}^{(21)}+2m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(20)}m_{030}^{(20)}-m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(20)}m_{021}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(21)}m_{120}^{(20)}+m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(21)}m_{021}^{(00)}+m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(22)}m_{120}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(22)}m_{030}^{(00)}+m_{000}^{(22)}m_{010}^{(10)}m_{120}^{(00)}m_{102}^{(21)}-m_{000}^{(22)}m_{010}^{(10)}m_{120}^{(10)}m_{102}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{120}^{(20)}m_{102}^{(10)}+m_{000}^{(22)}m_{010}^{(10)}m_{120}^{(21)}m_{102}^{(00)}-2m_{000}^{(22)}m_{010}^{(10)}m_{111}^{(00)}m_{111}^{(21)}\\
&+2m_{000}^{(22)}m_{010}^{(10)}m_{111}^{(10)}m_{111}^{(20)}-m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(00)}m_{021}^{(22)}+m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(00)}m_{012}^{(21)}\\
&+2m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(10)}m_{111}^{(22)}-m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(10)}m_{012}^{(20)}-2m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(20)}m_{111}^{(21)}\\
&+2m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(20)}m_{021}^{(20)}-m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(20)}m_{012}^{(10)}-2m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(21)}m_{111}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(21)}m_{012}^{(00)}+2m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(22)}m_{111}^{(10)}-m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(22)}m_{021}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{210}^{(00)}m_{102}^{(21)}-2m_{000}^{(22)}m_{010}^{(11)}m_{210}^{(10)}m_{201}^{(22)}+m_{000}^{(22)}m_{010}^{(11)}m_{210}^{(10)}m_{102}^{(20)}\\
&+2m_{000}^{(22)}m_{010}^{(11)}m_{210}^{(20)}m_{201}^{(21)}+m_{000}^{(22)}m_{010}^{(11)}m_{210}^{(20)}m_{102}^{(10)}+2m_{000}^{(22)}m_{010}^{(11)}m_{210}^{(21)}m_{201}^{(20)}
\end{aligned}
$$

$$
\begin{aligned}
&-m_{000}^{(22)}m_{010}^{(11)}m_{210}^{(21)}m_{102}^{(00)} - 2m_{000}^{(22)}m_{010}^{(11)}m_{210}^{(22)}m_{201}^{(10)} + m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(00)}m_{120}^{(22)}\\
&-2m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(20)}m_{120}^{(20)} + m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(22)}m_{120}^{(00)} - m_{000}^{(22)}m_{010}^{(20)}m_{300}^{(10)}m_{030}^{(22)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{300}^{(10)}m_{021}^{(21)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{300}^{(11)}m_{120}^{(22)} - m_{000}^{(22)}m_{010}^{(20)}m_{300}^{(11)}m_{021}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{300}^{(20)}m_{030}^{(21)} - m_{000}^{(22)}m_{010}^{(20)}m_{300}^{(20)}m_{021}^{(11)} - 4m_{000}^{(22)}m_{010}^{(20)}m_{300}^{(21)}m_{120}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{300}^{(21)}m_{030}^{(20)} + m_{000}^{(22)}m_{010}^{(20)}m_{300}^{(21)}m_{021}^{(10)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{300}^{(22)}m_{120}^{(11)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{300}^{(22)}m_{030}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(00)}m_{021}^{(21)} + m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(00)}m_{012}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(10)}m_{120}^{(22)} + m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(10)}m_{021}^{(20)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(10)}m_{012}^{(10)}\\
&-4m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(11)}m_{210}^{(22)} + m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(11)}m_{012}^{(00)} - m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(20)}m_{120}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(20)}m_{021}^{(10)} + 4m_{000}^{(22)}m_{010}^{(20)}(m_{210}^{(21)})^2 - m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(21)}m_{120}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(21)}m_{021}^{(00)} + m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(22)}m_{120}^{(10)} + m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(00)}m_{030}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(00)}m_{021}^{(11)} - m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(10)}m_{120}^{(21)} - m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(10)}m_{030}^{(20)}\\
&+2m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(10)}m_{021}^{(10)} + m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(11)}m_{120}^{(20)} - m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(11)}m_{021}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(20)}m_{120}^{(11)} - m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(20)}m_{030}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(21)}m_{120}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(21)}m_{030}^{(00)} - m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(00)}m_{102}^{(11)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(10)}m_{102}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(11)}m_{102}^{(00)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{111}^{(00)}m_{111}^{(11)} - 2m_{000}^{(22)}m_{010}^{(20)}(m_{111}^{(10)})^2\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(00)}m_{030}^{(22)} - m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(00)}m_{012}^{(11)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(10)}m_{120}^{(22)}\\
&-2m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(10)}m_{111}^{(21)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(10)}m_{012}^{(10)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(11)}m_{111}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(11)}m_{012}^{(00)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(20)}m_{120}^{(21)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(20)}m_{111}^{(11)}\\
&-2m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(20)}m_{030}^{(20)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(21)}m_{120}^{(20)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(21)}m_{111}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(22)}m_{120}^{(10)} + m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(22)}m_{030}^{(00)} - m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(00)}m_{120}^{(22)}\\
&+2m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(00)}m_{111}^{(21)} + m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(00)}m_{102}^{(11)} + 4m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(10)}m_{210}^{(22)}\\
&+2m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(10)}m_{201}^{(21)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(10)}m_{111}^{(20)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(10)}m_{102}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(11)}m_{201}^{(20)} + m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(11)}m_{102}^{(00)} - 4m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(20)}m_{210}^{(21)}\\
&-2m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(20)}m_{201}^{(11)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(20)}m_{120}^{(20)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(20)}m_{111}^{(10)}\\
&+2m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(21)}m_{201}^{(10)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(21)}m_{111}^{(00)} - m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(22)}m_{120}^{(00)}\\
&-2m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(00)}m_{120}^{(21)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(10)}m_{120}^{(20)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(20)}m_{120}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(21)}m_{120}^{(00)} - m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(00)}m_{030}^{(21)} + m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(00)}m_{021}^{(11)}\\
&+2m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(10)}m_{120}^{(21)} + m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(10)}m_{030}^{(20)} - 2m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(10)}m_{021}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(11)}m_{120}^{(20)} + m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(11)}m_{021}^{(00)} - 2m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(20)}m_{120}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(20)}m_{030}^{(10)} + 2m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(21)}m_{120}^{(10)} - m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(21)}m_{030}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(00)}m_{120}^{(21)} - 2m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(00)}m_{111}^{(11)} - 4m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(10)}m_{210}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(10)}m_{120}^{(20)} + 4m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(10)}m_{111}^{(10)} + 4m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(11)}m_{210}^{(20)}\\
&-2m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(11)}m_{111}^{(00)} - m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(20)}m_{120}^{(10)} + m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(21)}m_{120}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(22)}m_{201}^{(00)}m_{120}^{(11)} - 2m_{000}^{(22)}m_{010}^{(22)}m_{201}^{(10)}m_{120}^{(10)} + m_{000}^{(22)}m_{010}^{(22)}m_{201}^{(11)}m_{120}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{rrrrr}
V1 & V1 & 1 & 1 & 1\\
V2 & V2 & 2 & 2 & 3\\
2 & V3 & V3 & V4 & V4
\end{array}
$$



$$
\begin{aligned}
T_{111} \;=\;& -m^{(00)}_{000}m^{(00)}_{010}m^{(11)}_{120}m^{(22)}_{003} + m^{(00)}_{000}m^{(00)}_{010}m^{(21)}_{120}m^{(22)}_{012} + m^{(00)}_{000}m^{(00)}_{010}m^{(21)}_{120}m^{(21)}_{003} \\
& -m^{(00)}_{000}m^{(00)}_{010}m^{(22)}_{120}m^{(21)}_{012} + 2m^{(00)}_{000}m^{(00)}_{010}m^{(11)}_{111}m^{(22)}_{012} - 2m^{(00)}_{000}m^{(00)}_{010}m^{(21)}_{111}m^{(22)}_{021} \\
& -2m^{(00)}_{000}m^{(00)}_{010}m^{(21)}_{111}m^{(21)}_{012} + 2m^{(00)}_{000}m^{(00)}_{010}m^{(22)}_{111}m^{(21)}_{021} - m^{(00)}_{000}m^{(00)}_{010}m^{(11)}_{102}m^{(22)}_{021} \\
& +m^{(00)}_{000}m^{(00)}_{010}m^{(21)}_{102}m^{(22)}_{030} + m^{(00)}_{000}m^{(00)}_{010}m^{(21)}_{102}m^{(21)}_{021} - m^{(00)}_{000}m^{(00)}_{010}m^{(22)}_{102}m^{(21)}_{030} \\
& +m^{(00)}_{000}m^{(00)}_{010}m^{(10)}_{030}m^{(22)}_{003} - m^{(00)}_{000}m^{(00)}_{010}m^{(20)}_{030}m^{(21)}_{003} - 2m^{(00)}_{000}m^{(00)}_{010}m^{(10)}_{021}m^{(22)}_{012} \\
& -m^{(00)}_{000}m^{(00)}_{010}m^{(10)}_{021}m^{(21)}_{003} + m^{(00)}_{000}m^{(00)}_{010}m^{(11)}_{021}m^{(20)}_{003} + 2m^{(00)}_{000}m^{(00)}_{010}m^{(20)}_{021}m^{(21)}_{012} \\
& +m^{(00)}_{000}m^{(00)}_{010}m^{(20)}_{021}m^{(11)}_{003} - m^{(00)}_{000}m^{(00)}_{010}m^{(21)}_{021}m^{(20)}_{012} - m^{(00)}_{000}m^{(00)}_{010}m^{(21)}_{021}m^{(10)}_{003} \\
& +m^{(00)}_{000}m^{(00)}_{010}m^{(22)}_{021}m^{(10)}_{012} + 2m^{(00)}_{000}m^{(00)}_{010}m^{(10)}_{012}m^{(21)}_{012} - 2m^{(00)}_{000}m^{(00)}_{010}m^{(11)}_{012}m^{(20)}_{012} \\
& +m^{(00)}_{000}m^{(10)}_{010}m^{(11)}_{210}m^{(22)}_{003} - m^{(00)}_{000}m^{(10)}_{010}m^{(21)}_{210}m^{(22)}_{012} - m^{(00)}_{000}m^{(10)}_{010}m^{(21)}_{210}m^{(21)}_{003} \\
& +m^{(00)}_{000}m^{(10)}_{010}m^{(22)}_{210}m^{(21)}_{012} - m^{(00)}_{000}m^{(10)}_{010}m^{(11)}_{201}m^{(22)}_{012} + m^{(00)}_{000}m^{(10)}_{010}m^{(21)}_{201}m^{(22)}_{021} \\
& +m^{(00)}_{000}m^{(10)}_{010}m^{(21)}_{201}m^{(21)}_{012} - m^{(00)}_{000}m^{(10)}_{010}m^{(22)}_{201}m^{(21)}_{021} - m^{(00)}_{000}m^{(10)}_{010}m^{(20)}_{120}m^{(22)}_{012} \\
& +m^{(00)}_{000}m^{(10)}_{010}m^{(20)}_{120}m^{(21)}_{003} + m^{(00)}_{000}m^{(10)}_{010}m^{(21)}_{120}m^{(22)}_{102} - m^{(00)}_{000}m^{(10)}_{010}m^{(21)}_{120}m^{(20)}_{003} \\
& -m^{(00)}_{000}m^{(10)}_{010}m^{(22)}_{120}m^{(21)}_{102} + m^{(00)}_{000}m^{(10)}_{010}m^{(22)}_{120}m^{(20)}_{012} - m^{(00)}_{000}m^{(10)}_{010}m^{(10)}_{111}m^{(22)}_{012} \\
& +m^{(00)}_{000}m^{(10)}_{010}m^{(10)}_{111}m^{(21)}_{003} - m^{(00)}_{000}m^{(10)}_{010}m^{(11)}_{111}m^{(22)}_{102} - m^{(00)}_{000}m^{(10)}_{010}m^{(11)}_{111}m^{(20)}_{003} \\
& +2m^{(00)}_{000}m^{(10)}_{010}m^{(20)}_{111}m^{(22)}_{021} - m^{(00)}_{000}m^{(10)}_{010}m^{(20)}_{111}m^{(21)}_{012} - m^{(00)}_{000}m^{(10)}_{010}m^{(20)}_{111}m^{(11)}_{003} \\
& +3m^{(00)}_{000}m^{(10)}_{010}m^{(21)}_{111}m^{(20)}_{012} + m^{(00)}_{000}m^{(10)}_{010}m^{(21)}_{111}m^{(10)}_{003} + m^{(00)}_{000}m^{(10)}_{010}m^{(22)}_{111}m^{(11)}_{102} \\
& -2m^{(00)}_{000}m^{(10)}_{010}m^{(22)}_{111}m^{(20)}_{021} - m^{(00)}_{000}m^{(10)}_{010}m^{(22)}_{111}m^{(10)}_{012} + m^{(00)}_{000}m^{(10)}_{010}m^{(10)}_{102}m^{(22)}_{021} \\
& -m^{(00)}_{000}m^{(10)}_{010}m^{(10)}_{102}m^{(21)}_{012} + m^{(00)}_{000}m^{(10)}_{010}m^{(11)}_{102}m^{(20)}_{012} - m^{(00)}_{000}m^{(10)}_{010}m^{(20)}_{102}m^{(22)}_{030} \\
& +m^{(00)}_{000}m^{(10)}_{010}m^{(20)}_{102}m^{(11)}_{012} - 2m^{(00)}_{000}m^{(10)}_{010}m^{(21)}_{102}m^{(20)}_{021} - m^{(00)}_{000}m^{(10)}_{010}m^{(21)}_{102}m^{(10)}_{012} \\
& +m^{(00)}_{000}m^{(10)}_{010}m^{(22)}_{102}m^{(20)}_{030} + m^{(00)}_{000}m^{(10)}_{010}m^{(22)}_{102}m^{(10)}_{021} - m^{(00)}_{000}m^{(10)}_{010}m^{(00)}_{030}m^{(22)}_{003} \\
& +m^{(00)}_{000}m^{(10)}_{010}m^{(20)}_{030}m^{(20)}_{003} + 2m^{(00)}_{000}m^{(10)}_{010}m^{(00)}_{021}m^{(22)}_{012} + m^{(00)}_{000}m^{(10)}_{010}m^{(00)}_{021}m^{(21)}_{003} \\
& -m^{(00)}_{000}m^{(10)}_{010}m^{(10)}_{021}m^{(20)}_{003} - m^{(00)}_{000}m^{(10)}_{010}m^{(20)}_{021}m^{(20)}_{012} - m^{(00)}_{000}m^{(10)}_{010}m^{(20)}_{021}m^{(10)}_{003} \\
& +m^{(00)}_{000}m^{(10)}_{010}m^{(21)}_{021}m^{(00)}_{003} - m^{(00)}_{000}m^{(10)}_{010}m^{(22)}_{021}m^{(00)}_{012} - 2m^{(00)}_{000}m^{(10)}_{010}m^{(00)}_{012}m^{(21)}_{012} \\
& +2m^{(00)}_{000}m^{(10)}_{010}m^{(10)}_{012}m^{(20)}_{012} - m^{(00)}_{000}m^{(11)}_{010}m^{(10)}_{210}m^{(22)}_{003} + m^{(00)}_{000}m^{(11)}_{010}m^{(20)}_{210}m^{(22)}_{012} \\
& +m^{(00)}_{000}m^{(11)}_{010}m^{(21)}_{210}m^{(20)}_{003} - m^{(00)}_{000}m^{(11)}_{010}m^{(22)}_{210}m^{(20)}_{012} + m^{(00)}_{000}m^{(11)}_{010}m^{(10)}_{201}m^{(22)}_{012} \\
& -m^{(00)}_{000}m^{(11)}_{010}m^{(20)}_{201}m^{(22)}_{021} - m^{(00)}_{000}m^{(11)}_{010}m^{(21)}_{201}m^{(20)}_{012} + m^{(00)}_{000}m^{(11)}_{010}m^{(22)}_{201}m^{(20)}_{021} \\
& +m^{(00)}_{000}m^{(11)}_{010}m^{(00)}_{120}m^{(22)}_{003} - m^{(00)}_{000}m^{(11)}_{010}m^{(20)}_{120}m^{(22)}_{102} - m^{(00)}_{000}m^{(11)}_{010}m^{(20)}_{120}m^{(20)}_{003} \\
& +m^{(00)}_{000}m^{(11)}_{010}m^{(22)}_{120}m^{(20)}_{102} - m^{(00)}_{000}m^{(11)}_{010}m^{(00)}_{111}m^{(22)}_{012} - m^{(00)}_{000}m^{(11)}_{010}m^{(00)}_{111}m^{(21)}_{003}
\end{aligned}
$$

$$
\begin{aligned}
&+m_{000}^{(00)}m_{010}^{(11)}m_{111}^{(10)}m_{102}^{(22)}+m_{000}^{(00)}m_{010}^{(11)}m_{111}^{(10)}m_{003}^{(20)}+m_{000}^{(00)}m_{010}^{(11)}m_{111}^{(20)}m_{102}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{111}^{(20)}m_{003}^{(10)}-m_{000}^{(00)}m_{010}^{(11)}m_{111}^{(21)}m_{102}^{(20)}-m_{000}^{(00)}m_{010}^{(11)}m_{111}^{(21)}m_{003}^{(00)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{111}^{(22)}m_{102}^{(10)}+m_{000}^{(00)}m_{010}^{(11)}m_{111}^{(22)}m_{012}^{(00)}+m_{000}^{(00)}m_{010}^{(11)}m_{102}^{(00)}m_{012}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{102}^{(10)}m_{012}^{(20)}+m_{000}^{(00)}m_{010}^{(11)}m_{102}^{(20)}m_{021}^{(20)}-m_{000}^{(00)}m_{010}^{(11)}m_{102}^{(20)}m_{012}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{102}^{(21)}m_{012}^{(00)}-m_{000}^{(00)}m_{010}^{(11)}m_{102}^{(22)}m_{021}^{(00)}-m_{000}^{(00)}m_{010}^{(20)}m_{210}^{(11)}m_{012}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{210}^{(21)}m_{021}^{(22)}+m_{000}^{(00)}m_{010}^{(20)}m_{210}^{(21)}m_{012}^{(21)}-m_{000}^{(00)}m_{010}^{(20)}m_{210}^{(22)}m_{021}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{201}^{(11)}m_{021}^{(22)}-m_{000}^{(00)}m_{010}^{(20)}m_{201}^{(21)}m_{030}^{(22)}-m_{000}^{(00)}m_{010}^{(20)}m_{201}^{(21)}m_{021}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{201}^{(22)}m_{030}^{(21)}+m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(10)}m_{012}^{(22)}-m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(10)}m_{003}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(11)}m_{102}^{(22)}+m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(11)}m_{003}^{(20)}-2m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(21)}m_{111}^{(22)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(21)}m_{102}^{(21)}-m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(21)}m_{012}^{(20)}+2m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(22)}m_{111}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(10)}m_{021}^{(22)}+m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(10)}m_{012}^{(21)}-m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(11)}m_{111}^{(22)}\\
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&+m_{000}^{(00)}m_{010}^{(20)}(m_{111}^{(21)})^2+m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(21)}m_{021}^{(20)}-m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(21)}m_{012}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(22)}m_{021}^{(10)}+m_{000}^{(00)}m_{010}^{(20)}m_{102}^{(20)}m_{030}^{(21)}-m_{000}^{(00)}m_{010}^{(20)}m_{102}^{(20)}m_{021}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{102}^{(21)}m_{021}^{(10)}-m_{000}^{(00)}m_{010}^{(20)}m_{102}^{(22)}m_{030}^{(10)}+m_{000}^{(00)}m_{010}^{(20)}m_{030}^{(00)}m_{003}^{(21)}\\
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&+m_{000}^{(00)}m_{010}^{(22)}m_{111}^{(11)}m_{111}^{(20)} - m_{000}^{(00)}m_{010}^{(22)}m_{111}^{(11)}m_{012}^{(00)} - m_{000}^{(00)}m_{010}^{(22)}m_{111}^{(20)}m_{021}^{(10)}\\
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&+2m_{000}^{(00)}m_{001}^{(00)}m_{021}^{(10)}m_{021}^{(22)} + m_{000}^{(00)}m_{001}^{(00)}m_{021}^{(10)}m_{012}^{(21)} + 2m_{000}^{(00)}m_{001}^{(00)}m_{021}^{(11)}m_{012}^{(20)}\\
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&-m_{000}^{(00)}m_{001}^{(10)}m_{102}^{(20)}m_{021}^{(11)} + m_{000}^{(00)}m_{001}^{(10)}m_{102}^{(21)}m_{021}^{(10)} - m_{000}^{(00)}m_{001}^{(10)}m_{102}^{(22)}m_{030}^{(10)}\\
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&-m_{000}^{(00)}m_{001}^{(11)}m_{201}^{(22)}m_{021}^{(10)} - m_{000}^{(00)}m_{001}^{(11)}m_{120}^{(00)}m_{012}^{(22)} + m_{000}^{(00)}m_{001}^{(11)}m_{120}^{(10)}m_{012}^{(22)}\\
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&+m_{000}^{(00)}m_{001}^{(11)}m_{120}^{(21)}m_{003}^{(00)} - m_{000}^{(00)}m_{001}^{(11)}m_{120}^{(22)}m_{012}^{(00)} + m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(00)}m_{021}^{(22)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(00)}m_{012}^{(21)} - m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(10)}m_{111}^{(22)} - 2m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(10)}m_{102}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(10)}m_{012}^{(20)} + m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(20)}m_{111}^{(21)} - 2m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(20)}m_{021}^{(20)}\\
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&+m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(22)}m_{021}^{(00)} - m_{000}^{(00)}m_{001}^{(11)}m_{102}^{(00)}m_{021}^{(21)} + m_{000}^{(00)}m_{001}^{(11)}m_{102}^{(20)}m_{021}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{210}^{(11)}m_{012}^{(21)} - m_{000}^{(00)}m_{001}^{(20)}m_{210}^{(21)}m_{021}^{(21)} - m_{000}^{(00)}m_{001}^{(20)}m_{210}^{(21)}m_{012}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{210}^{(22)}m_{021}^{(11)} - m_{000}^{(00)}m_{001}^{(20)}m_{201}^{(11)}m_{021}^{(21)} + m_{000}^{(00)}m_{001}^{(20)}m_{201}^{(21)}m_{030}^{(21)}\\
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&+m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(10)}m_{003}^{(11)} + m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(11)}m_{111}^{(22)} - m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(11)}m_{102}^{(21)}
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&-m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(11)}m_{012}^{(20)} - m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(11)}m_{003}^{(10)} + m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(20)}m_{021}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(20)}m_{012}^{(11)} + m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(21)}m_{102}^{(11)} + m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(21)}m_{021}^{(20)}\\
&+2m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(21)}m_{012}^{(10)} - m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(22)}m_{111}^{(11)} - m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(22)}m_{021}^{(10)}\\
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&+m_{000}^{(00)}m_{001}^{(20)}m_{111}^{(22)}m_{030}^{(10)} - m_{000}^{(00)}m_{001}^{(20)}m_{102}^{(10)}m_{030}^{(21)} + m_{000}^{(00)}m_{001}^{(20)}m_{102}^{(10)}m_{021}^{(11)}\\
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&+2m_{000}^{(00)}m_{001}^{(21)}m_{111}^{(10)}m_{102}^{(11)} - m_{000}^{(00)}m_{001}^{(21)}m_{111}^{(11)}m_{111}^{(20)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{111}^{(11)}m_{102}^{(10)}\\
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&+m_{000}^{(10)}m_{100}^{(00)}m_{120}^{(22)}m_{012}^{(21)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{111}^{(11)}m_{012}^{(22)} + 2m_{000}^{(10)}m_{100}^{(00)}m_{111}^{(21)}m_{021}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(00)}m_{111}^{(21)}m_{012}^{(21)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{111}^{(22)}m_{021}^{(21)} + m_{000}^{(10)}m_{100}^{(00)}m_{102}^{(11)}m_{021}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(00)}m_{102}^{(21)}m_{030}^{(22)} - m_{000}^{(10)}m_{100}^{(00)}m_{102}^{(21)}m_{021}^{(21)} + m_{000}^{(10)}m_{100}^{(00)}m_{102}^{(22)}m_{030}^{(21)}
\end{aligned}
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\begin{aligned}
&-m_{000}^{(10)}m_{100}^{(00)}m_{030}^{(10)}m_{003}^{(22)} + m_{000}^{(10)}m_{100}^{(00)}m_{030}^{(20)}m_{003}^{(21)} + 2m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(10)}m_{012}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(10)}m_{003}^{(21)} - m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(11)}m_{003}^{(20)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(20)}m_{012}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(20)}m_{003}^{(11)} + m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(21)}m_{012}^{(20)} + m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(21)}m_{003}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(22)}m_{012}^{(10)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{012}^{(10)}m_{012}^{(21)} + 2m_{000}^{(10)}m_{100}^{(00)}m_{012}^{(11)}m_{012}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{210}^{(11)}m_{003}^{(22)} + m_{000}^{(10)}m_{100}^{(10)}m_{210}^{(21)}m_{012}^{(22)} + m_{000}^{(10)}m_{100}^{(10)}m_{210}^{(21)}m_{003}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{210}^{(22)}m_{012}^{(21)} + m_{000}^{(10)}m_{100}^{(10)}m_{201}^{(11)}m_{012}^{(22)} - m_{000}^{(10)}m_{100}^{(10)}m_{201}^{(21)}m_{021}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{201}^{(21)}m_{012}^{(21)} + m_{000}^{(10)}m_{100}^{(10)}m_{201}^{(22)}m_{021}^{(21)} + m_{000}^{(10)}m_{100}^{(10)}m_{120}^{(20)}m_{012}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{120}^{(20)}m_{003}^{(21)} - m_{000}^{(10)}m_{100}^{(10)}m_{120}^{(21)}m_{102}^{(22)} + m_{000}^{(10)}m_{100}^{(10)}m_{120}^{(21)}m_{003}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{120}^{(22)}m_{102}^{(21)} - m_{000}^{(10)}m_{100}^{(10)}m_{120}^{(22)}m_{012}^{(20)} + m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(10)}m_{012}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(10)}m_{003}^{(21)} + m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(11)}m_{102}^{(22)} + m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(11)}m_{003}^{(20)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(20)}m_{021}^{(22)} + m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(20)}m_{012}^{(21)} + m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(20)}m_{003}^{(11)}\\
&-3m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(21)}m_{012}^{(20)} - m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(21)}m_{003}^{(10)} - m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(22)}m_{102}^{(11)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(22)}m_{021}^{(20)} + m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(22)}m_{012}^{(10)} - m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(10)}m_{021}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(10)}m_{012}^{(21)} - m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(11)}m_{012}^{(20)} + m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(20)}m_{030}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(20)}m_{012}^{(11)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(21)}m_{021}^{(20)} + m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(21)}m_{012}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(22)}m_{030}^{(20)} - m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(22)}m_{021}^{(10)} + m_{000}^{(10)}m_{100}^{(10)}m_{030}^{(00)}m_{003}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{030}^{(20)}m_{003}^{(20)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{021}^{(00)}m_{012}^{(22)} - m_{000}^{(10)}m_{100}^{(10)}m_{021}^{(00)}m_{003}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{021}^{(10)}m_{003}^{(20)} + m_{000}^{(10)}m_{100}^{(10)}m_{021}^{(20)}m_{012}^{(20)} + m_{000}^{(10)}m_{100}^{(10)}m_{021}^{(20)}m_{003}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{021}^{(21)}m_{003}^{(00)} + m_{000}^{(10)}m_{100}^{(10)}m_{021}^{(22)}m_{012}^{(00)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{012}^{(00)}m_{012}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{012}^{(10)}m_{012}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{210}^{(10)}m_{003}^{(22)} - m_{000}^{(10)}m_{100}^{(11)}m_{210}^{(20)}m_{012}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{210}^{(21)}m_{003}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{210}^{(22)}m_{012}^{(20)} - m_{000}^{(10)}m_{100}^{(11)}m_{201}^{(10)}m_{012}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{201}^{(20)}m_{021}^{(22)} + m_{000}^{(10)}m_{100}^{(11)}m_{201}^{(21)}m_{012}^{(20)} - m_{000}^{(10)}m_{100}^{(11)}m_{201}^{(22)}m_{021}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{120}^{(00)}m_{003}^{(22)} + m_{000}^{(10)}m_{100}^{(11)}m_{120}^{(20)}m_{102}^{(22)} + m_{000}^{(10)}m_{100}^{(11)}m_{120}^{(20)}m_{003}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{120}^{(22)}m_{102}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{111}^{(00)}m_{012}^{(22)} + m_{000}^{(10)}m_{100}^{(11)}m_{111}^{(00)}m_{003}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{111}^{(10)}m_{102}^{(22)} - m_{000}^{(10)}m_{100}^{(11)}m_{111}^{(10)}m_{003}^{(20)} - m_{000}^{(10)}m_{100}^{(11)}m_{111}^{(20)}m_{102}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{111}^{(20)}m_{003}^{(10)} + m_{000}^{(10)}m_{100}^{(11)}m_{111}^{(21)}m_{102}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{111}^{(21)}m_{003}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{111}^{(22)}m_{102}^{(10)} - m_{000}^{(10)}m_{100}^{(11)}m_{111}^{(22)}m_{012}^{(00)} - m_{000}^{(10)}m_{100}^{(11)}m_{102}^{(00)}m_{012}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{102}^{(10)}m_{012}^{(20)} - m_{000}^{(10)}m_{100}^{(11)}m_{102}^{(20)}m_{021}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{102}^{(20)}m_{012}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{102}^{(21)}m_{012}^{(00)} + m_{000}^{(10)}m_{100}^{(11)}m_{102}^{(22)}m_{021}^{(00)} + m_{000}^{(10)}m_{100}^{(20)}m_{210}^{(11)}m_{012}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{210}^{(21)}m_{021}^{(22)} - m_{000}^{(10)}m_{100}^{(20)}m_{210}^{(21)}m_{012}^{(21)} + m_{000}^{(10)}m_{100}^{(20)}m_{210}^{(22)}m_{021}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{201}^{(11)}m_{021}^{(22)} + m_{000}^{(10)}m_{100}^{(20)}m_{201}^{(21)}m_{030}^{(22)} + m_{000}^{(10)}m_{100}^{(20)}m_{201}^{(21)}m_{021}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{201}^{(22)}m_{030}^{(21)} - m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(10)}m_{012}^{(22)} + m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(10)}m_{003}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(11)}m_{102}^{(22)} - m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(11)}m_{003}^{(20)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(21)}m_{111}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(21)}m_{102}^{(21)} + m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(21)}m_{012}^{(20)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(22)}m_{111}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(10)}m_{021}^{(22)} - m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(10)}m_{012}^{(21)} + m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(11)}m_{111}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(11)}m_{012}^{(20)} + m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(20)}m_{021}^{(21)} - m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(20)}m_{012}^{(11)}\\
&-m_{000}^{(10)}m_{100}^{(20)}(m_{111}^{(21)})^2 - m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(21)}m_{021}^{(20)} + m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(21)}m_{012}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(22)}m_{021}^{(10)} - m_{000}^{(10)}m_{100}^{(20)}m_{102}^{(20)}m_{030}^{(21)} + m_{000}^{(10)}m_{100}^{(20)}m_{102}^{(20)}m_{021}^{(11)}
\end{aligned}
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\begin{aligned}
&-m_{000}^{(10)}m_{100}^{(20)}m_{102}^{(21)}m_{021}^{(10)}+m_{000}^{(10)}m_{100}^{(20)}m_{102}^{(22)}m_{030}^{(10)}-m_{000}^{(10)}m_{100}^{(20)}m_{030}^{(00)}m_{003}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{030}^{(10)}m_{003}^{(20)}+2m_{000}^{(10)}m_{100}^{(20)}m_{021}^{(00)}m_{012}^{(21)}+m_{000}^{(10)}m_{100}^{(20)}m_{021}^{(00)}m_{003}^{(11)}\\
&-2m_{000}^{(10)}m_{100}^{(20)}m_{021}^{(10)}m_{012}^{(20)}-2m_{000}^{(10)}m_{100}^{(20)}m_{021}^{(10)}m_{003}^{(10)}+m_{000}^{(10)}m_{100}^{(20)}m_{021}^{(11)}m_{003}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{021}^{(20)}m_{012}^{(10)}-m_{000}^{(10)}m_{100}^{(20)}m_{021}^{(21)}m_{012}^{(00)}-2m_{000}^{(10)}m_{100}^{(20)}m_{012}^{(00)}m_{012}^{(11)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}(m_{012}^{(10)})^2-m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(10)}m_{012}^{(22)}-m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(10)}m_{003}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(11)}m_{003}^{(20)}+m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(20)}m_{021}^{(22)}+m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(20)}m_{012}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(22)}m_{021}^{(20)}+m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(10)}m_{021}^{(22)}+m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(10)}m_{012}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(11)}m_{012}^{(20)}-m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(20)}m_{030}^{(22)}-m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(20)}m_{021}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(22)}m_{030}^{(20)}+m_{000}^{(10)}m_{100}^{(21)}m_{120}^{(00)}m_{012}^{(22)}+m_{000}^{(10)}m_{100}^{(21)}m_{120}^{(00)}m_{003}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{120}^{(10)}m_{102}^{(22)}-m_{000}^{(10)}m_{100}^{(21)}m_{120}^{(10)}m_{003}^{(20)}-2m_{000}^{(10)}m_{100}^{(21)}m_{120}^{(20)}m_{111}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{120}^{(20)}m_{102}^{(21)}-m_{000}^{(10)}m_{100}^{(21)}m_{120}^{(20)}m_{012}^{(20)}+2m_{000}^{(10)}m_{100}^{(21)}m_{120}^{(22)}m_{111}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(00)}m_{021}^{(22)}-2m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(00)}m_{012}^{(21)}-m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(00)}m_{003}^{(11)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(10)}m_{111}^{(22)}+m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(10)}m_{102}^{(21)}+2m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(10)}m_{012}^{(20)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(10)}m_{003}^{(10)}-m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(11)}m_{102}^{(20)}-m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(11)}m_{003}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(20)}m_{111}^{(21)}+m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(20)}m_{102}^{(11)}-m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(21)}m_{102}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(22)}m_{021}^{(00)}+m_{000}^{(10)}m_{100}^{(21)}m_{102}^{(00)}m_{021}^{(21)}+m_{000}^{(10)}m_{100}^{(21)}m_{102}^{(00)}m_{012}^{(11)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{102}^{(10)}m_{021}^{(20)}-2m_{000}^{(10)}m_{100}^{(21)}m_{102}^{(10)}m_{012}^{(10)}+m_{000}^{(10)}m_{100}^{(21)}m_{102}^{(11)}m_{012}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{102}^{(20)}m_{030}^{(20)}-m_{000}^{(10)}m_{100}^{(21)}m_{102}^{(22)}m_{030}^{(00)}+m_{000}^{(10)}m_{100}^{(22)}m_{210}^{(10)}m_{012}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{210}^{(11)}m_{012}^{(20)}-m_{000}^{(10)}m_{100}^{(22)}m_{210}^{(20)}m_{021}^{(21)}+m_{000}^{(10)}m_{100}^{(22)}m_{210}^{(21)}m_{021}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{201}^{(10)}m_{021}^{(21)}+m_{000}^{(10)}m_{100}^{(22)}m_{201}^{(11)}m_{021}^{(20)}+m_{000}^{(10)}m_{100}^{(22)}m_{201}^{(20)}m_{030}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{201}^{(21)}m_{030}^{(20)}-m_{000}^{(10)}m_{100}^{(22)}m_{120}^{(00)}m_{012}^{(21)}-m_{000}^{(10)}m_{100}^{(22)}m_{120}^{(10)}m_{102}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{120}^{(10)}m_{012}^{(20)}+m_{000}^{(10)}m_{100}^{(22)}m_{120}^{(11)}m_{102}^{(20)}+2m_{000}^{(10)}m_{100}^{(22)}m_{120}^{(20)}m_{111}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(22)}m_{120}^{(21)}m_{111}^{(20)}+m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(00)}m_{021}^{(21)}+m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(00)}m_{012}^{(11)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(10)}m_{111}^{(21)}-m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(10)}m_{021}^{(20)}-2m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(10)}m_{012}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(11)}m_{111}^{(20)}+m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(11)}m_{012}^{(00)}+m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(20)}m_{021}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(21)}m_{021}^{(00)}-m_{000}^{(10)}m_{100}^{(22)}m_{102}^{(00)}m_{021}^{(11)}+2m_{000}^{(10)}m_{100}^{(22)}m_{102}^{(10)}m_{021}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{102}^{(11)}m_{021}^{(00)}-m_{000}^{(10)}m_{100}^{(22)}m_{102}^{(20)}m_{030}^{(10)}+m_{000}^{(10)}m_{100}^{(22)}m_{102}^{(21)}m_{030}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{210}^{(11)}m_{003}^{(22)}-m_{000}^{(10)}m_{010}^{(00)}m_{210}^{(21)}m_{012}^{(22)}-m_{000}^{(10)}m_{010}^{(00)}m_{210}^{(21)}m_{003}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{210}^{(22)}m_{012}^{(21)}-m_{000}^{(10)}m_{010}^{(00)}m_{201}^{(11)}m_{012}^{(22)}+m_{000}^{(10)}m_{010}^{(00)}m_{201}^{(21)}m_{021}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{201}^{(21)}m_{012}^{(21)}-m_{000}^{(10)}m_{010}^{(00)}m_{201}^{(22)}m_{021}^{(21)}-m_{000}^{(10)}m_{010}^{(00)}m_{120}^{(10)}m_{003}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{120}^{(20)}m_{003}^{(21)}+m_{000}^{(10)}m_{010}^{(00)}m_{120}^{(21)}m_{102}^{(22)}-m_{000}^{(10)}m_{010}^{(00)}m_{120}^{(22)}m_{102}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{111}^{(10)}m_{012}^{(22)}+m_{000}^{(10)}m_{010}^{(00)}m_{111}^{(10)}m_{003}^{(21)}-m_{000}^{(10)}m_{010}^{(00)}m_{111}^{(11)}m_{102}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(00)}m_{111}^{(11)}m_{003}^{(20)}-m_{000}^{(10)}m_{010}^{(00)}m_{111}^{(20)}m_{012}^{(21)}-m_{000}^{(10)}m_{010}^{(00)}m_{111}^{(20)}m_{003}^{(11)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{111}^{(20)}m_{012}^{(20)}+m_{000}^{(10)}m_{010}^{(00)}m_{111}^{(21)}m_{003}^{(10)}+m_{000}^{(10)}m_{010}^{(00)}m_{111}^{(22)}m_{102}^{(11)}\\
&-m_{000}^{(10)}m_{010}^{(00)}m_{111}^{(22)}m_{012}^{(10)}-m_{000}^{(10)}m_{010}^{(00)}m_{102}^{(10)}m_{012}^{(21)}+m_{000}^{(10)}m_{010}^{(00)}m_{102}^{(11)}m_{012}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{102}^{(20)}m_{012}^{(11)}-m_{000}^{(10)}m_{010}^{(00)}m_{102}^{(21)}m_{021}^{(20)}-m_{000}^{(10)}m_{010}^{(00)}m_{102}^{(21)}m_{012}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{102}^{(22)}m_{021}^{(10)}-m_{000}^{(10)}m_{010}^{(10)}m_{300}^{(11)}m_{003}^{(22)}+m_{000}^{(10)}m_{010}^{(10)}m_{300}^{(21)}m_{012}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(10)}m_{300}^{(21)}m_{003}^{(21)}-m_{000}^{(10)}m_{010}^{(10)}m_{300}^{(22)}m_{012}^{(21)}+m_{000}^{(10)}m_{010}^{(10)}m_{210}^{(20)}m_{012}^{(22)}
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\begin{aligned}
&-m^{(10)}_{000}m^{(10)}_{010}m^{(20)}_{210}m^{(21)}_{003} - m^{(10)}_{000}m^{(10)}_{010}m^{(21)}_{210}m^{(22)}_{102} + m^{(10)}_{000}m^{(10)}_{010}m^{(21)}_{210}m^{(20)}_{003}\\
&+m^{(10)}_{000}m^{(10)}_{010}m^{(22)}_{210}m^{(21)}_{102} - m^{(10)}_{000}m^{(10)}_{010}m^{(22)}_{210}m^{(20)}_{012} + m^{(10)}_{000}m^{(10)}_{010}m^{(10)}_{201}m^{(22)}_{012}\\
&-m^{(10)}_{000}m^{(10)}_{010}m^{(10)}_{201}m^{(21)}_{003} + 2m^{(10)}_{000}m^{(10)}_{010}m^{(11)}_{201}m^{(22)}_{102} + m^{(10)}_{000}m^{(10)}_{010}m^{(11)}_{201}m^{(20)}_{003}\\
&-m^{(10)}_{000}m^{(10)}_{010}m^{(20)}_{201}m^{(22)}_{021} + m^{(10)}_{000}m^{(10)}_{010}m^{(20)}_{201}m^{(11)}_{003} - 2m^{(10)}_{000}m^{(10)}_{010}m^{(21)}_{201}m^{(22)}_{111}\\
&-m^{(10)}_{000}m^{(10)}_{010}m^{(21)}_{201}m^{(21)}_{102} - 2m^{(10)}_{000}m^{(10)}_{010}m^{(21)}_{201}m^{(20)}_{012} - m^{(10)}_{000}m^{(10)}_{010}m^{(21)}_{201}m^{(10)}_{003}\\
&+2m^{(10)}_{000}m^{(10)}_{010}m^{(22)}_{201}m^{(21)}_{111} - m^{(10)}_{000}m^{(10)}_{010}m^{(22)}_{201}m^{(11)}_{102} + m^{(10)}_{000}m^{(10)}_{010}m^{(22)}_{201}m^{(20)}_{021}\\
&+m^{(10)}_{000}m^{(10)}_{010}m^{(22)}_{201}m^{(10)}_{012} + m^{(10)}_{000}m^{(10)}_{010}m^{(00)}_{120}m^{(22)}_{003} - m^{(10)}_{000}m^{(10)}_{010}m^{(20)}_{120}m^{(22)}_{102}\\
&-m^{(10)}_{000}m^{(10)}_{010}m^{(20)}_{120}m^{(20)}_{003} + m^{(10)}_{000}m^{(10)}_{010}m^{(22)}_{120}m^{(20)}_{102} - m^{(10)}_{000}m^{(10)}_{010}m^{(00)}_{111}m^{(22)}_{012}\\
&-m^{(10)}_{000}m^{(10)}_{010}m^{(00)}_{111}m^{(21)}_{003} - m^{(10)}_{000}m^{(10)}_{010}m^{(10)}_{111}m^{(22)}_{102} + m^{(10)}_{000}m^{(10)}_{010}m^{(10)}_{111}m^{(20)}_{003}\\
&+3m^{(10)}_{000}m^{(10)}_{010}m^{(20)}_{111}m^{(21)}_{102} + m^{(10)}_{000}m^{(10)}_{010}m^{(20)}_{111}m^{(10)}_{003} - m^{(10)}_{000}m^{(10)}_{010}m^{(21)}_{111}m^{(20)}_{102}\\
&-m^{(10)}_{000}m^{(10)}_{010}m^{(21)}_{111}m^{(00)}_{003} - m^{(10)}_{000}m^{(10)}_{010}m^{(22)}_{111}m^{(10)}_{102} + m^{(10)}_{000}m^{(10)}_{010}m^{(22)}_{111}m^{(00)}_{012}\\
&+m^{(10)}_{000}m^{(10)}_{010}m^{(00)}_{102}m^{(21)}_{012} + 2m^{(10)}_{000}m^{(10)}_{010}m^{(10)}_{102}m^{(21)}_{102} - m^{(10)}_{000}m^{(10)}_{010}m^{(10)}_{102}m^{(20)}_{012}\\
&-2m^{(10)}_{000}m^{(10)}_{010}m^{(11)}_{102}m^{(20)}_{102} + m^{(10)}_{000}m^{(10)}_{010}m^{(20)}_{102}m^{(20)}_{021} - m^{(10)}_{000}m^{(10)}_{010}m^{(20)}_{102}m^{(10)}_{012}\\
&+m^{(10)}_{000}m^{(10)}_{010}m^{(21)}_{102}m^{(00)}_{012} - m^{(10)}_{000}m^{(10)}_{010}m^{(22)}_{102}m^{(00)}_{021} + m^{(10)}_{000}m^{(11)}_{010}m^{(10)}_{300}m^{(22)}_{003}\\
&-m^{(10)}_{000}m^{(11)}_{010}m^{(20)}_{300}m^{(22)}_{012} - m^{(10)}_{000}m^{(11)}_{010}m^{(21)}_{300}m^{(20)}_{003} + m^{(10)}_{000}m^{(11)}_{010}m^{(22)}_{300}m^{(20)}_{012}\\
&-m^{(10)}_{000}m^{(11)}_{010}m^{(00)}_{210}m^{(22)}_{003} + m^{(10)}_{000}m^{(11)}_{010}m^{(20)}_{210}m^{(22)}_{102} + m^{(10)}_{000}m^{(11)}_{010}m^{(20)}_{210}m^{(20)}_{003}\\
&-m^{(10)}_{000}m^{(11)}_{010}m^{(22)}_{210}m^{(20)}_{102} + m^{(10)}_{000}m^{(11)}_{010}m^{(00)}_{201}m^{(21)}_{003} - 2m^{(10)}_{000}m^{(11)}_{010}m^{(10)}_{201}m^{(22)}_{102}\\
&-m^{(10)}_{000}m^{(11)}_{010}m^{(10)}_{201}m^{(20)}_{003} + 2m^{(10)}_{000}m^{(11)}_{010}m^{(20)}_{201}m^{(22)}_{111} - m^{(10)}_{000}m^{(11)}_{010}m^{(20)}_{201}m^{(21)}_{102}\\
&+m^{(10)}_{000}m^{(11)}_{010}m^{(20)}_{201}m^{(20)}_{012} - m^{(10)}_{000}m^{(11)}_{010}m^{(20)}_{201}m^{(10)}_{003} + 2m^{(10)}_{000}m^{(11)}_{010}m^{(21)}_{201}m^{(20)}_{102}\\
&+m^{(10)}_{000}m^{(11)}_{010}m^{(21)}_{201}m^{(00)}_{003} - 2m^{(10)}_{000}m^{(11)}_{010}m^{(22)}_{201}m^{(20)}_{111} + m^{(10)}_{000}m^{(11)}_{010}m^{(22)}_{201}m^{(10)}_{102}\\
&-m^{(10)}_{000}m^{(11)}_{010}m^{(22)}_{201}m^{(00)}_{012} + 2m^{(10)}_{000}m^{(11)}_{010}m^{(00)}_{111}m^{(22)}_{102} - 2m^{(10)}_{000}m^{(11)}_{010}m^{(20)}_{111}m^{(20)}_{102}\\
&-2m^{(10)}_{000}m^{(11)}_{010}m^{(00)}_{102}m^{(21)}_{102} + 2m^{(10)}_{000}m^{(11)}_{010}m^{(10)}_{102}m^{(20)}_{102} + m^{(10)}_{000}m^{(20)}_{010}m^{(11)}_{300}m^{(22)}_{012}\\
&-m^{(10)}_{000}m^{(20)}_{010}m^{(21)}_{300}m^{(22)}_{021} - m^{(10)}_{000}m^{(20)}_{010}m^{(21)}_{300}m^{(21)}_{012} + m^{(10)}_{000}m^{(20)}_{010}m^{(22)}_{300}m^{(21)}_{021}\\
&-m^{(10)}_{000}m^{(20)}_{010}m^{(10)}_{210}m^{(22)}_{012} + m^{(10)}_{000}m^{(20)}_{010}m^{(10)}_{210}m^{(21)}_{003} - m^{(10)}_{000}m^{(20)}_{010}m^{(11)}_{210}m^{(22)}_{102}\\
&-m^{(10)}_{000}m^{(20)}_{010}m^{(11)}_{210}m^{(20)}_{003} + 2m^{(10)}_{000}m^{(20)}_{010}m^{(21)}_{210}m^{(22)}_{111} + m^{(10)}_{000}m^{(20)}_{010}m^{(21)}_{210}m^{(21)}_{102}\\
&+m^{(10)}_{000}m^{(20)}_{010}m^{(21)}_{210}m^{(20)}_{012} - 2m^{(10)}_{000}m^{(20)}_{010}m^{(22)}_{210}m^{(21)}_{111} - m^{(10)}_{000}m^{(20)}_{010}m^{(11)}_{201}m^{(22)}_{111}\\
&+m^{(10)}_{000}m^{(20)}_{010}m^{(20)}_{201}m^{(21)}_{021} - m^{(10)}_{000}m^{(20)}_{010}m^{(20)}_{201}m^{(11)}_{012} + m^{(10)}_{000}m^{(20)}_{010}m^{(21)}_{201}m^{(22)}_{120}\\
&+m^{(10)}_{000}m^{(20)}_{010}m^{(21)}_{201}m^{(10)}_{012} - m^{(10)}_{000}m^{(20)}_{010}m^{(22)}_{201}m^{(21)}_{120} + m^{(10)}_{000}m^{(20)}_{010}m^{(22)}_{201}m^{(11)}_{111}\\
&-m^{(10)}_{000}m^{(20)}_{010}m^{(22)}_{201}m^{(10)}_{021} - m^{(10)}_{000}m^{(20)}_{010}m^{(00)}_{120}m^{(21)}_{003} + m^{(10)}_{000}m^{(20)}_{010}m^{(10)}_{120}m^{(22)}_{102}\\
&+m^{(10)}_{000}m^{(20)}_{010}m^{(10)}_{120}m^{(20)}_{003} - m^{(10)}_{000}m^{(20)}_{010}m^{(21)}_{120}m^{(20)}_{102} + m^{(10)}_{000}m^{(20)}_{010}m^{(00)}_{111}m^{(21)}_{012}\\
&+m^{(10)}_{000}m^{(20)}_{010}m^{(00)}_{111}m^{(11)}_{003} + m^{(10)}_{000}m^{(20)}_{010}m^{(10)}_{111}m^{(22)}_{111} - 2m^{(10)}_{000}m^{(20)}_{010}m^{(10)}_{111}m^{(21)}_{102}\\
&-m^{(10)}_{000}m^{(20)}_{010}m^{(10)}_{111}m^{(20)}_{012} - 2m^{(10)}_{000}m^{(20)}_{010}m^{(10)}_{111}m^{(10)}_{003} + 2m^{(10)}_{000}m^{(20)}_{010}m^{(11)}_{111}m^{(20)}_{102}\\
&+m^{(10)}_{000}m^{(20)}_{010}m^{(11)}_{111}m^{(00)}_{003} - m^{(10)}_{000}m^{(20)}_{010}m^{(20)}_{111}m^{(21)}_{111} + m^{(10)}_{000}m^{(20)}_{010}m^{(20)}_{111}m^{(10)}_{012}\\
&-m^{(10)}_{000}m^{(20)}_{010}m^{(21)}_{111}m^{(00)}_{012} - m^{(10)}_{000}m^{(20)}_{010}m^{(00)}_{102}m^{(11)}_{012} + 2m^{(10)}_{000}m^{(20)}_{010}m^{(10)}_{102}m^{(10)}_{012}\\
&-m^{(10)}_{000}m^{(20)}_{010}m^{(11)}_{102}m^{(00)}_{012} - m^{(10)}_{000}m^{(20)}_{010}m^{(20)}_{102}m^{(10)}_{021} + m^{(10)}_{000}m^{(20)}_{010}m^{(21)}_{102}m^{(00)}_{021}\\
&-m^{(10)}_{000}m^{(21)}_{010}m^{(10)}_{300}m^{(22)}_{012} - m^{(10)}_{000}m^{(21)}_{010}m^{(10)}_{300}m^{(21)}_{003} + m^{(10)}_{000}m^{(21)}_{010}m^{(11)}_{300}m^{(20)}_{003}\\
&+m^{(10)}_{000}m^{(21)}_{010}m^{(20)}_{300}m^{(22)}_{021} + m^{(10)}_{000}m^{(21)}_{010}m^{(20)}_{300}m^{(21)}_{012} - m^{(10)}_{000}m^{(21)}_{010}m^{(22)}_{300}m^{(20)}_{021}\\
&+m^{(10)}_{000}m^{(21)}_{010}m^{(00)}_{210}m^{(22)}_{012} + m^{(10)}_{000}m^{(21)}_{010}m^{(00)}_{210}m^{(21)}_{003} + m^{(10)}_{000}m^{(21)}_{010}m^{(10)}_{210}m^{(22)}_{102}
\end{aligned}
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\begin{aligned}
&-m_{000}^{(10)}m_{010}^{(21)}m_{210}^{(10)}m_{003}^{(20)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{210}^{(20)}m_{111}^{(22)} - m_{000}^{(10)}m_{010}^{(21)}m_{210}^{(20)}m_{102}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{210}^{(20)}m_{012}^{(20)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{210}^{(22)}m_{111}^{(20)} - m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(00)}m_{012}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(00)}m_{003}^{(11)} + m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(10)}m_{111}^{(22)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(10)}m_{102}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(10)}m_{012}^{(20)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(10)}m_{003}^{(10)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(11)}m_{102}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(11)}m_{003}^{(00)} - m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(20)}m_{120}^{(22)} - m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(20)}m_{111}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(20)}m_{102}^{(11)} - m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(20)}m_{021}^{(20)} + m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(21)}m_{111}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(21)}m_{102}^{(10)} + m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(22)}m_{120}^{(20)} - m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(22)}m_{111}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(22)}m_{021}^{(00)} - m_{000}^{(10)}m_{010}^{(21)}m_{120}^{(00)}m_{102}^{(22)} + m_{000}^{(10)}m_{010}^{(21)}m_{120}^{(20)}m_{102}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{111}^{(00)}m_{111}^{(22)} - m_{000}^{(10)}m_{010}^{(21)}m_{111}^{(00)}m_{102}^{(21)} + m_{000}^{(10)}m_{010}^{(21)}m_{111}^{(10)}m_{102}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(21)}(m_{111}^{(20)})^2 - m_{000}^{(10)}m_{010}^{(21)}m_{111}^{(20)}m_{102}^{(10)} + m_{000}^{(10)}m_{010}^{(21)}m_{111}^{(21)}m_{102}^{(00)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{102}^{(00)}m_{102}^{(11)} - 2m_{000}^{(10)}m_{010}^{(21)}(m_{102}^{(10)})^2 + m_{000}^{(10)}m_{010}^{(22)}m_{300}^{(10)}m_{012}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{300}^{(11)}m_{012}^{(20)} - m_{000}^{(10)}m_{010}^{(22)}m_{300}^{(20)}m_{021}^{(21)} + m_{000}^{(10)}m_{010}^{(22)}m_{300}^{(21)}m_{021}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(00)}m_{012}^{(21)} - m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(10)}m_{102}^{(21)} + m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(10)}m_{012}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(11)}m_{102}^{(20)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(20)}m_{111}^{(21)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(21)}m_{111}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(00)}m_{012}^{(11)} - m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(10)}m_{111}^{(21)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(10)}m_{012}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(11)}m_{111}^{(20)} + m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(11)}m_{012}^{(00)} + m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(20)}m_{120}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(20)}m_{111}^{(11)} + m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(20)}m_{021}^{(10)} - m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(21)}m_{120}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(21)}m_{111}^{(10)} - m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(21)}m_{021}^{(00)} + m_{000}^{(10)}m_{010}^{(22)}m_{120}^{(00)}m_{102}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{120}^{(10)}m_{102}^{(20)} + m_{000}^{(10)}m_{010}^{(22)}m_{111}^{(00)}m_{111}^{(21)} - m_{000}^{(10)}m_{010}^{(22)}m_{111}^{(00)}m_{111}^{(11)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{111}^{(10)}m_{111}^{(20)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{111}^{(10)}m_{102}^{(10)} - m_{000}^{(10)}m_{010}^{(22)}m_{111}^{(11)}m_{102}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{210}^{(11)}m_{003}^{(21)} + m_{000}^{(10)}m_{001}^{(00)}m_{210}^{(21)}m_{012}^{(21)} + m_{000}^{(10)}m_{001}^{(00)}m_{210}^{(21)}m_{003}^{(11)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{210}^{(22)}m_{012}^{(11)} + m_{000}^{(10)}m_{001}^{(00)}m_{201}^{(11)}m_{012}^{(21)} - m_{000}^{(10)}m_{001}^{(00)}m_{201}^{(21)}m_{021}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{201}^{(21)}m_{012}^{(11)} + m_{000}^{(10)}m_{001}^{(00)}m_{201}^{(22)}m_{021}^{(11)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(10)}m_{012}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(10)}m_{003}^{(21)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(11)}m_{102}^{(22)} + m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(11)}m_{003}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(20)}m_{012}^{(21)} + m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(20)}m_{003}^{(11)} + 3m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(21)}m_{102}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(21)}m_{012}^{(20)} - m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(21)}m_{003}^{(10)} - m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(22)}m_{102}^{(11)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(22)}m_{012}^{(10)} - 3m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(10)}m_{021}^{(22)} + m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(10)}m_{012}^{(21)}\\
&+3m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(11)}m_{111}^{(22)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(21)}m_{102}^{(21)} - m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(11)}m_{012}^{(20)}\\
&+3m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(20)}m_{021}^{(21)} - m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(20)}m_{012}^{(11)} - 3m_{000}^{(10)}m_{001}^{(00)}(m_{111}^{(21)})^2\\
&-2m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(21)}m_{102}^{(11)} + m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(21)}m_{021}^{(20)} + m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(21)}m_{012}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(22)}m_{021}^{(10)} + m_{000}^{(10)}m_{001}^{(00)}m_{102}^{(10)}m_{030}^{(22)} - m_{000}^{(10)}m_{001}^{(00)}m_{102}^{(20)}m_{030}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{030}^{(10)}m_{003}^{(20)} - m_{000}^{(10)}m_{001}^{(00)}m_{030}^{(20)}m_{003}^{(10)} - 3m_{000}^{(10)}m_{001}^{(00)}m_{021}^{(10)}m_{012}^{(20)}\\
&+3m_{000}^{(10)}m_{001}^{(00)}m_{021}^{(20)}m_{012}^{(10)} + m_{000}^{(10)}m_{001}^{(10)}m_{300}^{(11)}m_{003}^{(21)} - m_{000}^{(10)}m_{001}^{(10)}m_{300}^{(21)}m_{012}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{300}^{(21)}m_{003}^{(11)} + m_{000}^{(10)}m_{001}^{(10)}m_{300}^{(22)}m_{012}^{(11)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(10)}m_{012}^{(22)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(10)}m_{003}^{(21)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(11)}m_{102}^{(22)} - m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(11)}m_{003}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(20)}m_{012}^{(21)} - m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(20)}m_{003}^{(11)} - 3m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(21)}m_{102}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(21)}m_{012}^{(20)} + m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(22)}m_{102}^{(11)} + m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(10)}m_{021}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(10)}m_{012}^{(21)} - m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(11)}m_{111}^{(22)} - 3m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(11)}m_{102}^{(21)}
\end{aligned}
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\begin{aligned}
&+4m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(21)}m_{111}^{(21)}+3m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(21)}m_{102}^{(11)}+m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(21)}m_{012}^{(10)}\\
&-3m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(22)}m_{111}^{(11)}-m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(22)}m_{021}^{(10)}-2m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(00)}m_{012}^{(22)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(00)}m_{003}^{(21)}+2m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(10)}m_{102}^{(22)}-2m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(10)}m_{003}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(20)}m_{102}^{(21)}+3m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(20)}m_{012}^{(20)}-m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(21)}m_{102}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(21)}m_{003}^{(00)}-m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(22)}m_{012}^{(00)}+3m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(00)}m_{021}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(00)}m_{012}^{(21)}-3m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(10)}m_{102}^{(21)}+3m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(10)}m_{012}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(11)}m_{102}^{(20)}+m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(20)}m_{102}^{(11)}-4m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(20)}m_{021}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(20)}m_{012}^{(10)}+m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(21)}m_{102}^{(10)}-m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(21)}m_{012}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(22)}m_{021}^{(00)}-m_{000}^{(10)}m_{001}^{(10)}m_{102}^{(00)}m_{030}^{(22)}-m_{000}^{(10)}m_{001}^{(10)}m_{102}^{(10)}m_{021}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{102}^{(20)}m_{030}^{(20)}+m_{000}^{(10)}m_{001}^{(10)}m_{102}^{(20)}m_{021}^{(10)}-m_{000}^{(10)}m_{001}^{(10)}m_{030}^{(00)}m_{003}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{030}^{(20)}m_{003}^{(00)}+3m_{000}^{(10)}m_{001}^{(10)}m_{021}^{(00)}m_{012}^{(20)}-3m_{000}^{(10)}m_{001}^{(10)}m_{021}^{(20)}m_{012}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{300}^{(10)}m_{003}^{(21)}+m_{000}^{(10)}m_{001}^{(11)}m_{300}^{(20)}m_{012}^{(21)}+m_{000}^{(10)}m_{001}^{(11)}m_{300}^{(21)}m_{003}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{300}^{(22)}m_{012}^{(10)}+2m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(00)}m_{012}^{(22)}-m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(00)}m_{003}^{(21)}\\
&-2m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(10)}m_{102}^{(22)}+m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(10)}m_{003}^{(20)}+m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(20)}m_{102}^{(21)}\\
&-3m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(20)}m_{012}^{(20)}+m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(20)}m_{003}^{(10)}+2m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(21)}m_{102}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(21)}m_{003}^{(00)}-m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(22)}m_{102}^{(10)}+m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(22)}m_{012}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(00)}m_{021}^{(22)}+m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(10)}m_{111}^{(22)}+3m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(10)}m_{102}^{(21)}\\
&-3m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(20)}m_{111}^{(21)}+m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(20)}m_{021}^{(20)}-m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(21)}m_{111}^{(20)}\\
&-3m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(21)}m_{102}^{(10)}+3m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(22)}m_{111}^{(10)}+m_{000}^{(10)}m_{001}^{(11)}m_{120}^{(00)}m_{003}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{120}^{(20)}m_{102}^{(20)}-m_{000}^{(10)}m_{001}^{(11)}m_{120}^{(20)}m_{003}^{(00)}+m_{000}^{(10)}m_{001}^{(11)}m_{120}^{(22)}m_{102}^{(00)}\\
&-3m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(00)}m_{111}^{(22)}+m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(00)}m_{102}^{(21)}-2m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(00)}m_{012}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(10)}m_{102}^{(20)}+3m_{000}^{(10)}m_{001}^{(11)}(m_{111}^{(20)})^2-m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(20)}m_{102}^{(10)}\\
&+2m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(20)}m_{012}^{(00)}+m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(21)}m_{102}^{(00)}+m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(00)}m_{102}^{(20)}m_{021}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{102}^{(20)}m_{021}^{(00)}-m_{000}^{(10)}m_{001}^{(20)}m_{300}^{(11)}m_{012}^{(21)}+m_{000}^{(10)}m_{001}^{(20)}m_{300}^{(21)}m_{021}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{300}^{(21)}m_{012}^{(11)}-m_{000}^{(10)}m_{001}^{(20)}m_{300}^{(22)}m_{021}^{(11)}+2m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(10)}m_{021}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(10)}m_{012}^{(21)}-m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(10)}m_{003}^{(11)}-2m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(11)}m_{111}^{(22)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(11)}m_{102}^{(21)}+m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(11)}m_{012}^{(20)}+m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(11)}m_{003}^{(10)}\\
&-2m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(20)}m_{021}^{(21)}+2m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(20)}m_{012}^{(11)}+2m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(21)}m_{111}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(21)}m_{102}^{(11)}-m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(21)}m_{021}^{(20)}-2m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(21)}m_{012}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(22)}m_{021}^{(10)}-m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(10)}m_{030}^{(22)}+m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(10)}m_{012}^{(11)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(11)}m_{120}^{(22)}+2m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(11)}m_{111}^{(21)}-m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(11)}m_{012}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(20)}m_{030}^{(21)}-m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(20)}m_{021}^{(11)}-3m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(21)}m_{120}^{(21)}\\
&-2m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(21)}m_{111}^{(11)}+m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(21)}m_{021}^{(10)}+2m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(22)}m_{120}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(00)}m_{012}^{(21)}-m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(00)}m_{003}^{(11)}-2m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(10)}m_{111}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(10)}m_{102}^{(21)}-m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(10)}m_{012}^{(20)}+2m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(10)}m_{003}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(11)}m_{102}^{(20)}-m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(11)}m_{003}^{(00)}+2m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(20)}m_{111}^{(21)}\\
&-2m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(20)}m_{012}^{(10)}+m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(21)}m_{012}^{(00)}-3m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(00)}m_{021}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(00)}m_{012}^{(11)}+3m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(10)}m_{111}^{(21)}+2m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(10)}m_{102}^{(11)}
\end{aligned}
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$$+m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(10)}m_{021}^{(20)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(10)}m_{012}^{(10)} - 3m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(11)}m_{111}^{(20)}$$
$$-2m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(11)}m_{102}^{(10)} + m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(11)}m_{012}^{(00)} + 3m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(20)}m_{021}^{(10)}$$
$$-m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(21)}m_{021}^{(00)} + m_{000}^{(10)}m_{001}^{(20)}m_{102}^{(00)}m_{030}^{(21)} - m_{000}^{(10)}m_{001}^{(20)}m_{102}^{(20)}m_{030}^{(10)}$$
$$+m_{000}^{(10)}m_{001}^{(20)}m_{030}^{(00)}m_{003}^{(10)} - m_{000}^{(10)}m_{001}^{(20)}m_{030}^{(10)}m_{003}^{(00)} - 3m_{000}^{(10)}m_{001}^{(20)}m_{021}^{(00)}m_{012}^{(10)}$$
$$+3m_{000}^{(10)}m_{001}^{(20)}m_{021}^{(10)}m_{012}^{(00)} + m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(10)}m_{012}^{(21)} + m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(10)}m_{003}^{(11)}$$
$$-m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(11)}m_{003}^{(10)} - m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(20)}m_{021}^{(21)} - m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(20)}m_{012}^{(11)}$$
$$+m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(22)}m_{021}^{(10)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(00)}m_{021}^{(22)} - m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(00)}m_{012}^{(21)}$$
$$+m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(00)}m_{003}^{(11)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(10)}m_{111}^{(22)} + m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(10)}m_{102}^{(21)}$$
$$+m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(10)}m_{012}^{(20)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(10)}m_{003}^{(10)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(11)}m_{102}^{(20)}$$
$$+m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(11)}m_{003}^{(00)} - m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(20)}m_{102}^{(11)} + 3m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(20)}m_{021}^{(20)}$$
$$-2m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(21)}m_{111}^{(20)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(21)}m_{102}^{(10)} - m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(22)}m_{021}^{(00)}$$
$$+m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(00)}m_{030}^{(22)} + m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(00)}m_{021}^{(21)} - m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(10)}m_{120}^{(22)}$$
$$-3m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(10)}m_{111}^{(21)} - 3m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(10)}m_{102}^{(11)} - m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(10)}m_{021}^{(20)}$$
$$+m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(11)}m_{111}^{(20)} + 3m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(11)}m_{102}^{(10)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(20)}m_{120}^{(21)}$$
$$+3m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(20)}m_{111}^{(11)} - m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(20)}m_{030}^{(20)} + m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(21)}m_{120}^{(20)}$$
$$-m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(21)}m_{111}^{(10)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(22)}m_{120}^{(10)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(00)}m_{120}^{(22)}$$
$$-m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(00)}m_{102}^{(21)} - m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(00)}m_{012}^{(20)} - m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(00)}m_{003}^{(10)}$$
$$+m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(10)}m_{102}^{(20)} + m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(10)}m_{003}^{(00)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(20)}m_{111}^{(20)}$$
$$+2m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(20)}m_{102}^{(10)} + m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(20)}m_{012}^{(00)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(21)}m_{102}^{(00)}$$
$$+3m_{000}^{(10)}m_{001}^{(21)}m_{111}^{(00)}m_{111}^{(21)} - m_{000}^{(10)}m_{001}^{(21)}m_{111}^{(00)}m_{102}^{(11)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{111}^{(00)}m_{021}^{(20)}$$
$$+2m_{000}^{(10)}m_{001}^{(21)}m_{111}^{(00)}m_{012}^{(10)} - 3m_{000}^{(10)}m_{001}^{(21)}m_{111}^{(10)}m_{111}^{(20)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{111}^{(10)}m_{102}^{(10)}$$
$$-2m_{000}^{(10)}m_{001}^{(21)}m_{111}^{(10)}m_{012}^{(00)} - m_{000}^{(10)}m_{001}^{(21)}m_{111}^{(11)}m_{102}^{(00)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{111}^{(20)}m_{021}^{(00)}$$
$$-m_{000}^{(10)}m_{001}^{(21)}m_{102}^{(00)}m_{030}^{(20)} - m_{000}^{(10)}m_{001}^{(21)}m_{102}^{(00)}m_{021}^{(10)} + m_{000}^{(10)}m_{001}^{(21)}m_{102}^{(10)}m_{021}^{(00)}$$
$$+m_{000}^{(10)}m_{001}^{(21)}m_{102}^{(20)}m_{030}^{(00)} - m_{000}^{(10)}m_{001}^{(22)}m_{300}^{(10)}m_{012}^{(11)} + m_{000}^{(10)}m_{001}^{(22)}m_{300}^{(11)}m_{012}^{(10)}$$
$$+m_{000}^{(10)}m_{001}^{(22)}m_{300}^{(20)}m_{021}^{(11)} - m_{000}^{(10)}m_{001}^{(22)}m_{300}^{(21)}m_{021}^{(10)} + 2m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(00)}m_{021}^{(21)}$$
$$-m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(00)}m_{012}^{(11)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(10)}m_{111}^{(21)} + m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(10)}m_{102}^{(11)}$$
$$-2m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(10)}m_{021}^{(20)} + 2m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(10)}m_{012}^{(10)} + 2m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(11)}m_{111}^{(20)}$$
$$-m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(11)}m_{102}^{(10)} - m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(11)}m_{012}^{(00)} - m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(20)}m_{021}^{(10)}$$
$$+m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(21)}m_{021}^{(00)} - m_{000}^{(10)}m_{001}^{(22)}m_{201}^{(00)}m_{030}^{(21)} + m_{000}^{(10)}m_{001}^{(22)}m_{201}^{(10)}m_{120}^{(21)}$$
$$+2m_{000}^{(10)}m_{001}^{(22)}m_{201}^{(10)}m_{111}^{(11)} + m_{000}^{(10)}m_{001}^{(22)}m_{201}^{(10)}m_{030}^{(20)} - m_{000}^{(10)}m_{001}^{(22)}m_{201}^{(11)}m_{120}^{(20)}$$
$$-2m_{000}^{(10)}m_{001}^{(22)}m_{201}^{(11)}m_{111}^{(10)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{201}^{(20)}m_{120}^{(11)} + 2m_{000}^{(10)}m_{001}^{(22)}m_{201}^{(21)}m_{120}^{(10)}$$
$$-2m_{000}^{(10)}m_{001}^{(22)}m_{120}^{(00)}m_{111}^{(21)} + m_{000}^{(10)}m_{001}^{(22)}m_{120}^{(00)}m_{102}^{(11)} + m_{000}^{(10)}m_{001}^{(22)}m_{120}^{(00)}m_{012}^{(10)}$$
$$+2m_{000}^{(10)}m_{001}^{(22)}m_{120}^{(10)}m_{111}^{(20)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{120}^{(10)}m_{102}^{(10)} - m_{000}^{(10)}m_{001}^{(22)}m_{120}^{(10)}m_{012}^{(00)}$$
$$+m_{000}^{(10)}m_{001}^{(22)}m_{120}^{(11)}m_{102}^{(00)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{111}^{(00)}m_{021}^{(10)} + 2m_{000}^{(10)}m_{001}^{(22)}m_{111}^{(10)}m_{021}^{(00)}$$
$$+m_{000}^{(10)}m_{001}^{(22)}m_{102}^{(00)}m_{030}^{(10)} - m_{000}^{(10)}m_{001}^{(22)}m_{102}^{(10)}m_{030}^{(00)} - m_{000}^{(11)}m_{100}^{(00)}m_{210}^{(11)}m_{003}^{(22)}$$
$$+m_{000}^{(11)}m_{100}^{(00)}m_{210}^{(21)}m_{012}^{(22)} + m_{000}^{(11)}m_{100}^{(00)}m_{210}^{(21)}m_{003}^{(21)} - m_{000}^{(11)}m_{100}^{(00)}m_{210}^{(22)}m_{012}^{(21)}$$
$$+m_{000}^{(11)}m_{100}^{(00)}m_{201}^{(11)}m_{012}^{(22)} - m_{000}^{(11)}m_{100}^{(00)}m_{201}^{(21)}m_{021}^{(22)} - m_{000}^{(11)}m_{100}^{(00)}m_{201}^{(21)}m_{012}^{(21)}$$
$$+m_{000}^{(11)}m_{100}^{(00)}m_{201}^{(22)}m_{021}^{(21)} + m_{000}^{(11)}m_{100}^{(00)}m_{120}^{(10)}m_{003}^{(22)} - m_{000}^{(11)}m_{100}^{(00)}m_{120}^{(20)}m_{003}^{(21)}$$

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\begin{aligned}
&-m_{000}^{(11)}m_{100}^{(00)}m_{120}^{(21)}m_{102}^{(22)}+m_{000}^{(11)}m_{100}^{(00)}m_{120}^{(22)}m_{102}^{(21)}-m_{000}^{(11)}m_{100}^{(00)}m_{111}^{(10)}m_{012}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{111}^{(10)}m_{003}^{(21)}+m_{000}^{(11)}m_{100}^{(00)}m_{111}^{(11)}m_{102}^{(22)}+m_{000}^{(11)}m_{100}^{(00)}m_{111}^{(11)}m_{003}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{111}^{(20)}m_{012}^{(21)}+m_{000}^{(11)}m_{100}^{(00)}m_{111}^{(20)}m_{003}^{(11)}-m_{000}^{(11)}m_{100}^{(00)}m_{111}^{(21)}m_{012}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{111}^{(21)}m_{003}^{(10)}-m_{000}^{(11)}m_{100}^{(00)}m_{111}^{(22)}m_{102}^{(11)}+m_{000}^{(11)}m_{100}^{(00)}m_{111}^{(22)}m_{012}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{102}^{(10)}m_{012}^{(21)}-m_{000}^{(11)}m_{100}^{(00)}m_{102}^{(11)}m_{012}^{(20)}-m_{000}^{(11)}m_{100}^{(00)}m_{102}^{(20)}m_{012}^{(11)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{102}^{(21)}m_{021}^{(20)}+m_{000}^{(11)}m_{100}^{(00)}m_{102}^{(21)}m_{012}^{(10)}-m_{000}^{(11)}m_{100}^{(00)}m_{102}^{(22)}m_{021}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(11)}m_{300}^{(22)}m_{003}^{(22)}-m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(21)}m_{300}^{(22)}m_{012}^{(22)}-m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(21)}m_{300}^{(21)}m_{003}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{300}^{(21)}m_{012}^{(21)}-m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(20)}m_{210}^{(22)}m_{012}^{(22)}+m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(20)}m_{210}^{(21)}m_{003}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(21)}m_{210}^{(22)}m_{102}^{(22)}-m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(21)}m_{210}^{(20)}m_{003}^{(22)}-m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{210}^{(21)}m_{102}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{210}^{(20)}m_{012}^{(20)}-m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(10)}m_{201}^{(22)}m_{012}^{(22)}+m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(10)}m_{201}^{(21)}m_{003}^{(21)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(11)}m_{201}^{(11)}m_{102}^{(22)}-m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(11)}m_{201}^{(20)}m_{003}^{(22)}+m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(20)}m_{201}^{(11)}m_{021}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(20)}m_{201}^{(11)}m_{003}^{(21)}+2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(21)}m_{201}^{(22)}m_{111}^{(21)}+m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(21)}m_{201}^{(21)}m_{102}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(21)}m_{201}^{(20)}m_{012}^{(21)}+m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(21)}m_{201}^{(10)}m_{003}^{(22)}-2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{201}^{(10)}m_{111}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{201}^{(11)}m_{102}^{(21)}-m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{201}^{(20)}m_{021}^{(21)}-m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{201}^{(10)}m_{012}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(00)}m_{120}^{(22)}m_{003}^{(22)}+m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(20)}m_{120}^{(22)}m_{102}^{(22)}+m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(20)}m_{120}^{(20)}m_{003}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{120}^{(20)}m_{102}^{(20)}+m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(00)}m_{111}^{(22)}m_{012}^{(22)}+m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(00)}m_{111}^{(21)}m_{003}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(10)}m_{111}^{(22)}m_{102}^{(22)}-m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(10)}m_{111}^{(20)}m_{003}^{(22)}-3m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(20)}m_{111}^{(21)}m_{102}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(20)}m_{111}^{(10)}m_{003}^{(21)}+m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(21)}m_{111}^{(20)}m_{102}^{(21)}+m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(21)}m_{111}^{(00)}m_{003}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{111}^{(10)}m_{102}^{(21)}-m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{111}^{(00)}m_{012}^{(22)}-m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(00)}m_{102}^{(21)}m_{012}^{(21)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(10)}m_{102}^{(21)}m_{102}^{(21)}+m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(10)}m_{102}^{(21)}m_{012}^{(20)}+2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(11)}m_{102}^{(20)}m_{102}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(20)}m_{102}^{(20)}m_{021}^{(20)}+m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(20)}m_{102}^{(10)}m_{012}^{(20)}-m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(21)}m_{102}^{(00)}m_{012}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{102}^{(00)}m_{021}^{(20)}-m_{000}^{(11)}m_{100}^{(11)}m_{300}^{(10)}m_{003}^{(22)}+m_{000}^{(11)}m_{100}^{(11)}m_{300}^{(20)}m_{012}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{300}^{(21)}m_{003}^{(20)}-m_{000}^{(11)}m_{100}^{(11)}m_{300}^{(22)}m_{012}^{(20)}+m_{000}^{(11)}m_{100}^{(11)}m_{210}^{(00)}m_{003}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(11)}m_{210}^{(20)}m_{102}^{(22)}-m_{000}^{(11)}m_{100}^{(11)}m_{210}^{(20)}m_{003}^{(20)}+m_{000}^{(11)}m_{100}^{(11)}m_{210}^{(22)}m_{102}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(00)}m_{003}^{(21)}+2m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(10)}m_{102}^{(22)}+m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(10)}m_{003}^{(20)}\\
&-2m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(20)}m_{111}^{(22)}+m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(20)}m_{102}^{(21)}-m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(20)}m_{012}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(20)}m_{003}^{(10)}-2m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(21)}m_{102}^{(20)}-m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(21)}m_{003}^{(00)}\\
&+2m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(22)}m_{111}^{(20)}-m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(22)}m_{102}^{(10)}+m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(22)}m_{012}^{(00)}\\
&-2m_{000}^{(11)}m_{100}^{(11)}m_{111}^{(00)}m_{102}^{(22)}+2m_{000}^{(11)}m_{100}^{(11)}m_{111}^{(20)}m_{102}^{(20)}+2m_{000}^{(11)}m_{100}^{(11)}m_{102}^{(00)}m_{102}^{(21)}\\
&-2m_{000}^{(11)}m_{100}^{(11)}m_{102}^{(10)}m_{102}^{(20)}-m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(11)}m_{300}^{(22)}m_{012}^{(22)}+m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{300}^{(22)}m_{021}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{300}^{(21)}m_{012}^{(21)}-m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{300}^{(21)}m_{021}^{(21)}+m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(10)}m_{210}^{(22)}m_{012}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(10)}m_{210}^{(21)}m_{003}^{(21)}+m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(11)}m_{210}^{(22)}m_{102}^{(22)}+m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(11)}m_{210}^{(20)}m_{003}^{(20)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{210}^{(22)}m_{111}^{(22)}-m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{210}^{(21)}m_{102}^{(21)}-m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{210}^{(20)}m_{012}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{210}^{(21)}m_{111}^{(21)}+m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(11)}m_{201}^{(22)}m_{111}^{(22)}-m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(20)}m_{201}^{(21)}m_{021}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(20)}m_{201}^{(11)}m_{012}^{(22)}-m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{201}^{(22)}m_{120}^{(22)}-m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{201}^{(10)}m_{012}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{201}^{(21)}m_{120}^{(22)}-m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{201}^{(11)}m_{111}^{(22)}+m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{201}^{(10)}m_{021}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(00)}m_{120}^{(21)}m_{003}^{(21)}-m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(10)}m_{120}^{(22)}m_{102}^{(22)}-m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(10)}m_{120}^{(20)}m_{003}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{120}^{(20)}m_{102}^{(20)}-m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(00)}m_{111}^{(21)}m_{012}^{(21)}-m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(00)}m_{111}^{(11)}m_{003}^{(21)}
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&-m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(10)}m_{111}^{(22)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(10)}m_{102}^{(21)} + m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(10)}m_{012}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(10)}m_{003}^{(10)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(11)}m_{102}^{(20)} - m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(11)}m_{003}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(20)}m_{111}^{(21)} - m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(20)}m_{012}^{(10)} + m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(21)}m_{012}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{102}^{(00)}m_{012}^{(11)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{102}^{(10)}m_{012}^{(10)} + m_{000}^{(11)}m_{100}^{(20)}m_{102}^{(11)}m_{012}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{102}^{(20)}m_{021}^{(10)} - m_{000}^{(11)}m_{100}^{(20)}m_{102}^{(21)}m_{021}^{(00)} + m_{000}^{(11)}m_{100}^{(21)}m_{100}^{(10)}m_{300}^{(22)}m_{012}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{300}^{(10)}m_{003}^{(21)} - m_{000}^{(11)}m_{100}^{(21)}m_{300}^{(11)}m_{003}^{(20)} - m_{000}^{(11)}m_{100}^{(21)}m_{300}^{(20)}m_{021}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{300}^{(20)}m_{012}^{(21)} + m_{000}^{(11)}m_{100}^{(21)}m_{300}^{(22)}m_{021}^{(20)} - m_{000}^{(11)}m_{100}^{(21)}m_{300}^{(00)}m_{210}^{(22)}m_{012}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(00)}m_{003}^{(21)} - m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(10)}m_{102}^{(22)} + m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(10)}m_{003}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(20)}m_{111}^{(22)} + m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(20)}m_{102}^{(21)} + m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(20)}m_{012}^{(20)}\\
&-2m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(22)}m_{111}^{(20)} + m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(00)}m_{012}^{(21)} + m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(00)}m_{003}^{(11)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(10)}m_{111}^{(22)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(10)}m_{102}^{(21)} - m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(10)}m_{012}^{(20)}\\
&-2m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(10)}m_{003}^{(10)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(11)}m_{102}^{(20)} + m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(11)}m_{003}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(20)}m_{120}^{(22)} + m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(20)}m_{111}^{(21)} - m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(20)}m_{102}^{(11)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(20)}m_{021}^{(20)} - m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(21)}m_{111}^{(20)} + m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(21)}m_{102}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(22)}m_{120}^{(20)} + m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(22)}m_{111}^{(10)} - m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(22)}m_{021}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{120}^{(00)}m_{102}^{(22)} - m_{000}^{(11)}m_{100}^{(21)}m_{120}^{(20)}m_{102}^{(20)} + m_{000}^{(11)}m_{100}^{(21)}m_{111}^{(00)}m_{111}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{111}^{(00)}m_{102}^{(21)} - m_{000}^{(11)}m_{100}^{(21)}m_{111}^{(10)}m_{102}^{(20)} - m_{000}^{(11)}m_{100}^{(21)}(m_{111}^{(20)})^2\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{111}^{(20)}m_{102}^{(10)} - m_{000}^{(11)}m_{100}^{(21)}m_{111}^{(21)}m_{102}^{(00)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{102}^{(00)}m_{102}^{(11)}\\
&+2m_{000}^{(11)}m_{100}^{(21)}(m_{102}^{(10)})^2 - m_{000}^{(11)}m_{100}^{(22)}m_{300}^{(10)}m_{012}^{(21)} + m_{000}^{(11)}m_{100}^{(22)}m_{300}^{(11)}m_{012}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{300}^{(20)}m_{021}^{(21)} - m_{000}^{(11)}m_{100}^{(22)}m_{300}^{(21)}m_{021}^{(20)} + m_{000}^{(11)}m_{100}^{(22)}m_{210}^{(00)}m_{012}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{210}^{(10)}m_{102}^{(21)} - m_{000}^{(11)}m_{100}^{(22)}m_{210}^{(10)}m_{012}^{(20)} - m_{000}^{(11)}m_{100}^{(22)}m_{210}^{(11)}m_{102}^{(20)}\\
&-2m_{000}^{(11)}m_{100}^{(22)}m_{210}^{(20)}m_{111}^{(21)} + 2m_{000}^{(11)}m_{100}^{(22)}m_{210}^{(21)}m_{111}^{(20)} - m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(00)}m_{012}^{(11)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(10)}m_{111}^{(21)} + 2m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(10)}m_{012}^{(10)} - m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(11)}m_{111}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(11)}m_{012}^{(00)} - m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(20)}m_{120}^{(21)} + m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(20)}m_{111}^{(11)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(20)}m_{021}^{(10)} + m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(21)}m_{120}^{(20)} - m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(21)}m_{111}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(21)}m_{021}^{(00)} - m_{000}^{(11)}m_{100}^{(22)}m_{120}^{(00)}m_{102}^{(21)} + m_{000}^{(11)}m_{100}^{(22)}m_{120}^{(10)}m_{102}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{111}^{(00)}m_{111}^{(21)} + m_{000}^{(11)}m_{100}^{(22)}m_{111}^{(00)}m_{102}^{(11)} + m_{000}^{(11)}m_{100}^{(22)}m_{111}^{(10)}m_{111}^{(20)}\\
&-2m_{000}^{(11)}m_{100}^{(22)}m_{111}^{(10)}m_{102}^{(10)} + m_{000}^{(11)}m_{100}^{(22)}m_{111}^{(11)}m_{102}^{(00)} - m_{000}^{(11)}m_{001}^{(00)}m_{210}^{(10)}m_{012}^{(22)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{210}^{(10)}m_{003}^{(21)} + m_{000}^{(11)}m_{001}^{(00)}m_{210}^{(11)}m_{102}^{(22)} + m_{000}^{(11)}m_{001}^{(00)}m_{210}^{(20)}m_{012}^{(21)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{210}^{(20)}m_{003}^{(11)} - 2m_{000}^{(11)}m_{001}^{(00)}m_{210}^{(21)}m_{102}^{(21)} + m_{000}^{(11)}m_{001}^{(00)}m_{210}^{(22)}m_{102}^{(11)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{201}^{(10)}m_{021}^{(22)} - m_{000}^{(11)}m_{001}^{(00)}m_{201}^{(10)}m_{012}^{(21)} - m_{000}^{(11)}m_{001}^{(00)}m_{201}^{(11)}m_{111}^{(22)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{201}^{(20)}m_{021}^{(21)} + m_{000}^{(11)}m_{001}^{(00)}m_{201}^{(20)}m_{012}^{(11)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{201}^{(21)}m_{111}^{(21)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{201}^{(22)}m_{111}^{(11)} - m_{000}^{(11)}m_{001}^{(00)}m_{120}^{(10)}m_{003}^{(20)} + m_{000}^{(11)}m_{001}^{(00)}m_{120}^{(20)}m_{003}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{120}^{(21)}m_{102}^{(20)} - m_{000}^{(11)}m_{001}^{(00)}m_{120}^{(22)}m_{102}^{(10)} + m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(10)}m_{111}^{(22)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(10)}m_{102}^{(21)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(10)}m_{012}^{(20)} - m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(11)}m_{102}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(20)}m_{111}^{(21)} + m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(20)}m_{102}^{(11)} - 2m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(20)}m_{012}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(21)}m_{102}^{(10)} - m_{000}^{(11)}m_{001}^{(00)}m_{102}^{(10)}m_{021}^{(20)} + m_{000}^{(11)}m_{001}^{(00)}m_{102}^{(20)}m_{021}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{300}^{(10)}m_{012}^{(22)} - m_{000}^{(11)}m_{001}^{(10)}m_{300}^{(10)}m_{003}^{(21)} - m_{000}^{(11)}m_{001}^{(10)}m_{300}^{(11)}m_{102}^{(22)}
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&-m_{000}^{(11)}m_{001}^{(10)}m_{300}^{(20)}m_{012}^{(21)} + m_{000}^{(11)}m_{001}^{(10)}m_{300}^{(20)}m_{003}^{(11)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{300}^{(21)}m_{102}^{(21)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{300}^{(22)}m_{102}^{(11)} + m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(00)}m_{012}^{(22)} - m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(00)}m_{003}^{(21)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(10)}m_{102}^{(22)} + m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(10)}m_{003}^{(20)} + m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(20)}m_{102}^{(21)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(20)}m_{012}^{(20)} - m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(00)}m_{021}^{(22)} + m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(00)}m_{012}^{(21)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(10)}m_{111}^{(22)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(10)}m_{102}^{(21)} - m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(10)}m_{012}^{(20)}\\
&+2m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(11)}m_{201}^{(22)} + m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(11)}m_{102}^{(20)} + m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(20)}m_{111}^{(21)}\\
&-2m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(20)}m_{102}^{(11)} + m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(20)}m_{021}^{(20)} - 2m_{000}^{(11)}m_{001}^{(10)}(m_{201}^{(21)})^2\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(21)}m_{111}^{(20)} - m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(21)}m_{102}^{(10)} + m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(22)}m_{111}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{120}^{(00)}m_{003}^{(20)} - m_{000}^{(11)}m_{001}^{(10)}m_{120}^{(20)}m_{102}^{(20)} - m_{000}^{(11)}m_{001}^{(10)}m_{120}^{(20)}m_{003}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{120}^{(22)}m_{102}^{(00)} - m_{000}^{(11)}m_{001}^{(10)}m_{111}^{(00)}m_{111}^{(22)} + m_{000}^{(11)}m_{001}^{(10)}m_{111}^{(00)}m_{102}^{(21)}\\
&-2m_{000}^{(11)}m_{001}^{(10)}m_{111}^{(00)}m_{012}^{(20)} - m_{000}^{(11)}m_{001}^{(10)}m_{111}^{(10)}m_{102}^{(20)} + m_{000}^{(11)}m_{001}^{(10)}(m_{111}^{(20)})^2\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{111}^{(20)}m_{102}^{(10)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{111}^{(20)}m_{012}^{(00)} - m_{000}^{(11)}m_{001}^{(10)}m_{111}^{(21)}m_{102}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{102}^{(00)}m_{021}^{(20)} - m_{000}^{(11)}m_{001}^{(10)}m_{102}^{(20)}m_{021}^{(00)} - m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(00)}m_{012}^{(22)}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(00)}m_{003}^{(21)} + m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(10)}m_{102}^{(22)} - m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(20)}m_{102}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(20)}m_{012}^{(20)} - m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(20)}m_{003}^{(10)} - m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(21)}m_{102}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(22)}m_{102}^{(10)} - m_{000}^{(11)}m_{001}^{(11)}m_{210}^{(00)}m_{003}^{(20)} + m_{000}^{(11)}m_{001}^{(11)}m_{210}^{(20)}m_{102}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{210}^{(20)}m_{003}^{(00)} - m_{000}^{(11)}m_{001}^{(11)}m_{210}^{(22)}m_{102}^{(00)} + 2m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(00)}m_{111}^{(22)}\\
&-2m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(00)}m_{102}^{(21)} + m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(00)}m_{012}^{(20)} - 2m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(10)}m_{201}^{(22)}\\
&-m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(10)}m_{102}^{(20)} + 2m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(20)}m_{201}^{(21)} - 2m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(20)}m_{111}^{(20)}\\
&+2m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(20)}m_{102}^{(10)} - m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(20)}m_{012}^{(00)} + m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(21)}m_{102}^{(00)}\\
&+2m_{000}^{(11)}m_{001}^{(11)}m_{111}^{(00)}m_{102}^{(20)} - 2m_{000}^{(11)}m_{001}^{(11)}m_{111}^{(20)}m_{102}^{(00)} - m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(10)}m_{300}^{(22)}m_{021}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{300}^{(10)}m_{012}^{(21)} + m_{000}^{(11)}m_{001}^{(20)}m_{300}^{(11)}m_{111}^{(22)} + m_{000}^{(11)}m_{001}^{(20)}m_{300}^{(20)}m_{021}^{(21)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{300}^{(20)}m_{012}^{(11)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{300}^{(21)}m_{111}^{(21)} + m_{000}^{(11)}m_{001}^{(20)}m_{300}^{(22)}m_{111}^{(11)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(00)}m_{012}^{(21)} + m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(00)}m_{003}^{(11)} + m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(10)}m_{111}^{(22)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(10)}m_{003}^{(10)} - m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(11)}m_{201}^{(22)} - m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(11)}m_{102}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(20)}m_{111}^{(21)} + m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(20)}m_{012}^{(10)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(21)}m_{201}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(21)}m_{111}^{(20)} + m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(21)}m_{102}^{(10)} - m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(22)}m_{201}^{(11)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(22)}m_{111}^{(10)} + m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(00)}m_{021}^{(21)} - m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(00)}m_{012}^{(11)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(10)}m_{120}^{(22)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(10)}m_{111}^{(21)} + m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(10)}m_{012}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(20)}m_{120}^{(21)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(20)}m_{111}^{(11)} - m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(20)}m_{021}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{120}^{(00)}m_{003}^{(10)} + m_{000}^{(11)}m_{001}^{(20)}m_{120}^{(10)}m_{102}^{(20)} + m_{000}^{(11)}m_{001}^{(20)}m_{120}^{(10)}m_{003}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{120}^{(21)}m_{102}^{(00)} + m_{000}^{(11)}m_{001}^{(20)}m_{111}^{(00)}m_{111}^{(21)} - m_{000}^{(11)}m_{001}^{(20)}m_{111}^{(00)}m_{102}^{(11)}\\
&+2m_{000}^{(11)}m_{001}^{(20)}m_{111}^{(00)}m_{012}^{(10)} - m_{000}^{(11)}m_{001}^{(20)}m_{111}^{(10)}m_{111}^{(20)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{111}^{(10)}m_{012}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{111}^{(11)}m_{102}^{(00)} - m_{000}^{(11)}m_{001}^{(20)}m_{102}^{(00)}m_{021}^{(10)} + m_{000}^{(11)}m_{001}^{(20)}m_{102}^{(10)}m_{021}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(00)}m_{022}^{(22)} - m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(00)}m_{003}^{(11)} - m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(10)}m_{111}^{(22)}\\
&-m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(10)}m_{102}^{(21)} - m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(20)}m_{012}^{(20)} + m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(20)}m_{003}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(11)}m_{102}^{(20)} + m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(20)}m_{111}^{(21)} + m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(20)}m_{102}^{(11)}\\
&-m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(20)}m_{021}^{(20)} + m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(20)}m_{012}^{(10)} + m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(21)}m_{111}^{(20)}
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&-m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(21)}m_{102}^{(10)} - m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(22)}m_{111}^{(10)} - m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(00)}m_{111}^{(22)}\\
&+m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(00)}m_{102}^{(21)} + m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(00)}m_{012}^{(20)} + m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(00)}m_{003}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(10)}m_{201}^{(22)} - m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(10)}m_{003}^{(00)} - m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(20)}m_{201}^{(21)}\\
&-2m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(20)}m_{102}^{(10)} - m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(20)}m_{012}^{(00)} - m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(21)}m_{201}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(21)}m_{102}^{(00)} + m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(22)}m_{201}^{(10)} + m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(22)}m_{111}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(00)}m_{120}^{(22)} - m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(00)}m_{111}^{(21)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(00)}m_{102}^{(11)}\\
&-m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(00)}m_{021}^{(20)} - m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(00)}m_{012}^{(10)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(10)}m_{201}^{(21)}\\
&+3m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(10)}m_{111}^{(20)} - m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(10)}m_{102}^{(10)} + m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(10)}m_{012}^{(00)}\\
&-2m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(11)}m_{201}^{(20)} - m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(11)}m_{102}^{(00)} + m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(20)}m_{120}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(20)}m_{111}^{(10)} + m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(20)}m_{021}^{(00)} - m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(21)}m_{111}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(21)}m_{120}^{(00)}m_{102}^{(20)} + m_{000}^{(11)}m_{001}^{(21)}m_{120}^{(20)}m_{102}^{(00)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{111}^{(00)}m_{102}^{(10)}\\
&+2m_{000}^{(11)}m_{001}^{(21)}m_{111}^{(10)}m_{102}^{(00)} - m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(00)}m_{021}^{(21)} + m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(00)}m_{012}^{(11)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(10)}m_{111}^{(21)} + m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(10)}m_{021}^{(20)} - m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(10)}m_{012}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(11)}m_{111}^{(20)} - m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(20)}m_{111}^{(11)} + m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(21)}m_{111}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(00)}m_{111}^{(21)} - m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(00)}m_{102}^{(11)} - m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(00)}m_{012}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(10)}m_{201}^{(21)} - m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(10)}m_{111}^{(20)} + m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(10)}m_{102}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(10)}m_{012}^{(00)} + m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(11)}m_{201}^{(20)} + m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(20)}m_{201}^{(11)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(20)}m_{111}^{(10)} - m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(21)}m_{201}^{(10)} - m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(21)}m_{111}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{201}^{(00)}m_{120}^{(21)} - m_{000}^{(11)}m_{001}^{(22)}m_{201}^{(00)}m_{111}^{(11)} + m_{000}^{(11)}m_{001}^{(22)}m_{201}^{(00)}m_{021}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(22)}m_{201}^{(10)}m_{120}^{(20)} - m_{000}^{(11)}m_{001}^{(22)}m_{201}^{(10)}m_{021}^{(00)} + m_{000}^{(11)}m_{001}^{(22)}m_{201}^{(20)}m_{111}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{120}^{(00)}m_{102}^{(10)} - m_{000}^{(11)}m_{001}^{(22)}m_{120}^{(10)}m_{102}^{(00)} - m_{000}^{(20)}m_{100}^{(00)}m_{120}^{(11)}m_{003}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{120}^{(21)}m_{012}^{(21)} + m_{000}^{(20)}m_{100}^{(00)}m_{120}^{(21)}m_{003}^{(11)} - m_{000}^{(20)}m_{100}^{(00)}m_{120}^{(22)}m_{012}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(00)}m_{111}^{(11)}m_{012}^{(21)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{111}^{(21)}m_{021}^{(21)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{111}^{(21)}m_{012}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(00)}m_{111}^{(22)}m_{021}^{(11)} - m_{000}^{(20)}m_{100}^{(00)}m_{102}^{(11)}m_{021}^{(21)} + m_{000}^{(20)}m_{100}^{(00)}m_{102}^{(21)}m_{030}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{102}^{(21)}m_{021}^{(11)} - m_{000}^{(20)}m_{100}^{(00)}m_{102}^{(22)}m_{030}^{(11)} + m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(10)}m_{012}^{(22)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(11)}m_{003}^{(20)} - m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(20)}m_{012}^{(21)} - m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(21)}m_{012}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(21)}m_{003}^{(10)} + m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(22)}m_{012}^{(10)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{021}^{(10)}m_{021}^{(22)}\\
&-m_{000}^{(20)}m_{100}^{(00)}m_{021}^{(10)}m_{012}^{(21)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{021}^{(11)}m_{012}^{(20)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{021}^{(20)}m_{021}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{021}^{(20)}m_{012}^{(11)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{021}^{(21)}m_{012}^{(10)} + m_{000}^{(20)}m_{100}^{(10)}m_{210}^{(11)}m_{003}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{210}^{(21)}m_{012}^{(21)} - m_{000}^{(20)}m_{100}^{(10)}m_{210}^{(21)}m_{003}^{(11)} + m_{000}^{(20)}m_{100}^{(10)}m_{210}^{(22)}m_{012}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{201}^{(11)}m_{012}^{(21)} + m_{000}^{(20)}m_{100}^{(10)}m_{201}^{(21)}m_{021}^{(21)} + m_{000}^{(20)}m_{100}^{(10)}m_{201}^{(21)}m_{012}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{201}^{(22)}m_{021}^{(11)} - m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(10)}m_{012}^{(22)} + m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(10)}m_{003}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(11)}m_{102}^{(22)} - m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(11)}m_{003}^{(20)} - m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(21)}m_{102}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(21)}m_{012}^{(20)} + m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(10)}m_{021}^{(22)} - m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(10)}m_{012}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(11)}m_{111}^{(22)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(11)}m_{102}^{(21)} + m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(11)}m_{012}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(20)}m_{021}^{(21)} - m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(20)}m_{012}^{(11)} + m_{000}^{(20)}m_{100}^{(10)}(m_{111}^{(21)})^2\\
&+2m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(21)}m_{102}^{(11)} - m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(21)}m_{021}^{(20)} + m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(21)}m_{012}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(22)}m_{021}^{(10)} - m_{000}^{(20)}m_{100}^{(10)}m_{102}^{(20)}m_{030}^{(21)} + m_{000}^{(20)}m_{100}^{(10)}m_{102}^{(20)}m_{021}^{(11)}
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&-m_{000}^{(20)}m_{100}^{(10)}m_{102}^{(21)}m_{021}^{(10)}+m_{000}^{(20)}m_{100}^{(10)}m_{102}^{(22)}m_{030}^{(10)}-m_{000}^{(20)}m_{100}^{(10)}m_{030}^{(00)}m_{012}^{(22)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{030}^{(10)}m_{003}^{(20)}+2m_{000}^{(20)}m_{100}^{(10)}m_{030}^{(20)}m_{012}^{(20)}+m_{000}^{(20)}m_{100}^{(10)}m_{030}^{(21)}m_{003}^{(00)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{030}^{(22)}m_{012}^{(00)}+2m_{000}^{(20)}m_{100}^{(10)}m_{021}^{(00)}m_{021}^{(22)}+m_{000}^{(20)}m_{100}^{(10)}m_{021}^{(00)}m_{012}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(10)}m_{021}^{(10)}m_{012}^{(20)}-2m_{000}^{(20)}m_{100}^{(10)}(m_{021}^{(20)})^2-m_{000}^{(20)}m_{100}^{(10)}m_{021}^{(20)}m_{012}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(10)}m_{021}^{(21)}m_{012}^{(00)}-m_{000}^{(20)}m_{100}^{(11)}m_{210}^{(10)}m_{003}^{(21)}+m_{000}^{(20)}m_{100}^{(11)}m_{210}^{(20)}m_{012}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{210}^{(21)}m_{003}^{(10)}-m_{000}^{(20)}m_{100}^{(11)}m_{210}^{(22)}m_{012}^{(10)}+m_{000}^{(20)}m_{100}^{(11)}m_{201}^{(10)}m_{012}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{201}^{(20)}m_{021}^{(21)}-m_{000}^{(20)}m_{100}^{(11)}m_{201}^{(21)}m_{012}^{(10)}+m_{000}^{(20)}m_{100}^{(11)}m_{201}^{(22)}m_{021}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{120}^{(00)}m_{012}^{(22)}-m_{000}^{(20)}m_{100}^{(11)}m_{120}^{(10)}m_{102}^{(22)}+m_{000}^{(20)}m_{100}^{(11)}m_{120}^{(10)}m_{003}^{(20)}\\
&-2m_{000}^{(20)}m_{100}^{(11)}m_{120}^{(20)}m_{012}^{(20)}+m_{000}^{(20)}m_{100}^{(11)}m_{120}^{(21)}m_{102}^{(20)}-m_{000}^{(20)}m_{100}^{(11)}m_{120}^{(21)}m_{003}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{120}^{(22)}m_{012}^{(00)}-m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(00)}m_{021}^{(22)}-m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(00)}m_{012}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(10)}m_{111}^{(22)}+2m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(10)}m_{102}^{(21)}-m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(10)}m_{012}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(20)}m_{111}^{(21)}+2m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(20)}m_{021}^{(20)}+m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(20)}m_{012}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(21)}m_{102}^{(10)}+m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(21)}m_{012}^{(00)}-m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(22)}m_{021}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{102}^{(00)}m_{021}^{(21)}-m_{000}^{(20)}m_{100}^{(11)}m_{102}^{(20)}m_{021}^{(10)}-m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(11)}m_{012}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{210}^{(21)}m_{021}^{(21)}+m_{000}^{(20)}m_{100}^{(20)}m_{210}^{(21)}m_{012}^{(11)}-m_{000}^{(20)}m_{100}^{(20)}m_{210}^{(22)}m_{021}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{201}^{(11)}m_{021}^{(21)}-m_{000}^{(20)}m_{100}^{(20)}m_{201}^{(21)}m_{030}^{(21)}-m_{000}^{(20)}m_{100}^{(20)}m_{201}^{(21)}m_{021}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{201}^{(22)}m_{030}^{(11)}+m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(10)}m_{021}^{(22)}-m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(10)}m_{003}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(11)}m_{111}^{(22)}+m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(11)}m_{102}^{(21)}+m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(11)}m_{012}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(11)}m_{003}^{(10)}-m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(20)}m_{021}^{(21)}+m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(20)}m_{012}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(21)}m_{102}^{(11)}-m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(21)}m_{021}^{(20)}-2m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(21)}m_{012}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(22)}m_{111}^{(11)}+m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(22)}m_{021}^{(10)}-m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(10)}m_{030}^{(22)}\\
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&+m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(21)}m_{030}^{(20)}+3m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(21)}m_{021}^{(10)}-m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(22)}m_{030}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{102}^{(10)}m_{030}^{(21)}-m_{000}^{(20)}m_{100}^{(20)}m_{102}^{(10)}m_{021}^{(11)}+m_{000}^{(20)}m_{100}^{(20)}m_{102}^{(11)}m_{021}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{102}^{(21)}m_{030}^{(10)}+m_{000}^{(20)}m_{100}^{(20)}m_{030}^{(00)}m_{012}^{(21)}-m_{000}^{(20)}m_{100}^{(20)}m_{030}^{(10)}m_{012}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{030}^{(10)}m_{003}^{(10)}-m_{000}^{(20)}m_{100}^{(20)}m_{030}^{(11)}m_{003}^{(00)}-m_{000}^{(20)}m_{100}^{(20)}m_{030}^{(20)}m_{012}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{030}^{(21)}m_{012}^{(00)}-2m_{000}^{(20)}m_{100}^{(20)}m_{021}^{(00)}m_{021}^{(21)}-m_{000}^{(20)}m_{100}^{(20)}m_{021}^{(00)}m_{012}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{021}^{(10)}m_{021}^{(20)}-m_{000}^{(20)}m_{100}^{(20)}m_{021}^{(10)}m_{012}^{(10)}+2m_{000}^{(20)}m_{100}^{(20)}m_{021}^{(11)}m_{012}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(10)}m_{012}^{(21)}+m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(10)}m_{003}^{(11)}-m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(11)}m_{003}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(20)}m_{021}^{(21)}-m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(20)}m_{012}^{(11)}+m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(22)}m_{021}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(10)}m_{021}^{(21)}-m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(10)}m_{012}^{(11)}+m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(11)}m_{012}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(20)}m_{030}^{(21)}+m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(20)}m_{021}^{(11)}-m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(22)}m_{030}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(00)}m_{021}^{(22)}-m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(00)}m_{012}^{(21)}+m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(10)}m_{111}^{(22)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(10)}m_{003}^{(10)}-m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(11)}m_{102}^{(20)}+m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(11)}m_{003}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(20)}m_{111}^{(21)}+2m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(20)}m_{021}^{(20)}+m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(20)}m_{012}^{(10)}\\
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&-m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(22)}m_{021}^{(00)}+m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(00)}m_{030}^{(22)}+2m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(00)}m_{021}^{(21)}
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&+m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(00)}m_{012}^{(11)} - m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(10)}m_{111}^{(21)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(10)}m_{102}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(11)}m_{111}^{(20)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(11)}m_{102}^{(10)} - m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(11)}m_{012}^{(00)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(20)}m_{030}^{(20)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(20)}m_{021}^{(10)} + m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(22)}m_{030}^{(00)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{102}^{(00)}m_{030}^{(21)} - m_{000}^{(20)}m_{100}^{(21)}m_{102}^{(00)}m_{021}^{(11)} + m_{000}^{(20)}m_{100}^{(21)}m_{102}^{(10)}m_{021}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{102}^{(20)}m_{030}^{(10)} - m_{000}^{(20)}m_{100}^{(22)}m_{210}^{(10)}m_{012}^{(11)} + m_{000}^{(20)}m_{100}^{(22)}m_{210}^{(11)}m_{012}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{210}^{(20)}m_{021}^{(11)} - m_{000}^{(20)}m_{100}^{(22)}m_{210}^{(21)}m_{021}^{(10)} + m_{000}^{(20)}m_{100}^{(22)}m_{201}^{(10)}m_{021}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{201}^{(11)}m_{021}^{(10)} - m_{000}^{(20)}m_{100}^{(22)}m_{201}^{(20)}m_{030}^{(11)} + m_{000}^{(20)}m_{100}^{(22)}m_{201}^{(21)}m_{030}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(00)}m_{021}^{(21)} - m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(10)}m_{111}^{(21)} + m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(10)}m_{102}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(10)}m_{021}^{(20)} + m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(10)}m_{012}^{(10)} + m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(11)}m_{111}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(11)}m_{102}^{(10)} - m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(11)}m_{012}^{(00)} - m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(20)}m_{111}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(20)}m_{021}^{(10)} + m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(21)}m_{111}^{(10)} + m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(21)}m_{021}^{(00)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{111}^{(00)}m_{030}^{(21)} - m_{000}^{(20)}m_{100}^{(22)}m_{111}^{(00)}m_{021}^{(11)} + m_{000}^{(20)}m_{100}^{(22)}m_{111}^{(10)}m_{030}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{111}^{(11)}m_{021}^{(00)} + m_{000}^{(20)}m_{100}^{(22)}m_{111}^{(20)}m_{030}^{(10)} - m_{000}^{(20)}m_{100}^{(22)}m_{111}^{(21)}m_{030}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{102}^{(00)}m_{030}^{(11)} - m_{000}^{(20)}m_{100}^{(22)}m_{102}^{(10)}m_{030}^{(10)} - m_{000}^{(20)}m_{010}^{(00)}m_{210}^{(11)}m_{012}^{(22)}\\
&+m_{000}^{(20)}m_{010}^{(00)}m_{210}^{(21)}m_{021}^{(22)} + m_{000}^{(20)}m_{010}^{(00)}m_{210}^{(21)}m_{012}^{(21)} - m_{000}^{(20)}m_{010}^{(00)}m_{210}^{(22)}m_{021}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(00)}m_{201}^{(11)}m_{021}^{(22)} - m_{000}^{(20)}m_{010}^{(00)}m_{201}^{(21)}m_{030}^{(22)} - m_{000}^{(20)}m_{010}^{(00)}m_{201}^{(21)}m_{021}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(00)}m_{201}^{(22)}m_{030}^{(21)} + m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(10)}m_{003}^{(21)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(11)}m_{102}^{(22)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(20)}m_{003}^{(11)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(21)}m_{111}^{(22)} - 3m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(21)}m_{102}^{(21)}\\
&+2m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(22)}m_{111}^{(21)} + m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(22)}m_{102}^{(11)} + m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(10)}m_{021}^{(22)}\\
&-3m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(10)}m_{012}^{(21)} - 3m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(11)}m_{111}^{(22)} + m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(11)}m_{012}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(20)}m_{021}^{(21)} + 3m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(20)}m_{012}^{(11)} + 3m_{000}^{(20)}m_{010}^{(00)}(m_{111}^{(21)})^2\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(21)}m_{021}^{(20)} - m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(21)}m_{012}^{(10)} + m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(22)}m_{021}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{102}^{(10)}m_{030}^{(22)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{102}^{(10)}m_{021}^{(21)} - m_{000}^{(20)}m_{010}^{(00)}m_{102}^{(11)}m_{021}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(00)}m_{102}^{(20)}m_{030}^{(21)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{102}^{(20)}m_{021}^{(11)} + m_{000}^{(20)}m_{010}^{(00)}m_{102}^{(21)}m_{030}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(00)}m_{102}^{(21)}m_{021}^{(10)} - m_{000}^{(20)}m_{010}^{(00)}m_{102}^{(22)}m_{030}^{(10)} - m_{000}^{(20)}m_{010}^{(00)}m_{102}^{(10)}m_{030}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(00)}m_{030}^{(20)}m_{003}^{(10)} + 3m_{000}^{(20)}m_{010}^{(00)}m_{021}^{(10)}m_{012}^{(20)} - 3m_{000}^{(20)}m_{010}^{(00)}m_{021}^{(20)}m_{012}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{300}^{(11)}m_{012}^{(22)} - m_{000}^{(20)}m_{010}^{(10)}m_{300}^{(21)}m_{021}^{(22)} - m_{000}^{(20)}m_{010}^{(10)}m_{300}^{(21)}m_{012}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{300}^{(22)}m_{021}^{(21)} + m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(10)}m_{012}^{(22)} - m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(10)}m_{003}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(11)}m_{102}^{(22)} - m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(20)}m_{021}^{(22)} + m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(20)}m_{003}^{(11)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(21)}m_{111}^{(22)} + 3m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(21)}m_{102}^{(21)} - m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(21)}m_{012}^{(20)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(22)}m_{111}^{(21)} - m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(22)}m_{102}^{(11)} + m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(22)}m_{021}^{(20)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(10)}m_{021}^{(22)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(10)}m_{012}^{(21)} - m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(11)}m_{012}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(20)}m_{030}^{(22)} + m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(20)}m_{021}^{(21)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(20)}m_{012}^{(11)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(21)}m_{120}^{(22)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(21)}m_{111}^{(21)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(21)}m_{021}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(21)}m_{012}^{(10)} - m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(22)}m_{120}^{(21)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(22)}m_{111}^{(11)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(22)}m_{030}^{(20)} - m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(22)}m_{021}^{(10)} - m_{000}^{(20)}m_{010}^{(10)}m_{120}^{(00)}m_{003}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{120}^{(10)}m_{102}^{(22)} + m_{000}^{(20)}m_{010}^{(10)}m_{120}^{(10)}m_{003}^{(20)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{120}^{(20)}m_{111}^{(22)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{120}^{(21)}m_{102}^{(20)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{120}^{(22)}m_{111}^{(20)} - m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(00)}m_{021}^{(22)}
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&+3m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(00)}m_{012}^{(21)}+3m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(10)}m_{111}^{(22)}-3m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(10)}m_{012}^{(20)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(11)}m_{102}^{(20)}-3m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(20)}m_{111}^{(21)}+2m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(20)}m_{021}^{(20)}\\
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&+2m_{000}^{(20)}m_{010}^{(10)}m_{102}^{(10)}m_{021}^{(20)}-2m_{000}^{(20)}m_{010}^{(10)}m_{102}^{(20)}m_{030}^{(20)}+m_{000}^{(20)}m_{010}^{(10)}m_{102}^{(20)}m_{021}^{(10)}\\
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&+2m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(20)}m_{012}^{(10)}-m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(21)}m_{012}^{(00)}+m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(22)}m_{120}^{(20)}\\
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&+m_{000}^{(20)}m_{010}^{(11)}m_{102}^{(20)}m_{021}^{(00)}-m_{000}^{(20)}m_{010}^{(20)}m_{300}^{(11)}m_{021}^{(22)}+m_{000}^{(20)}m_{010}^{(20)}m_{300}^{(21)}m_{030}^{(22)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{300}^{(21)}m_{021}^{(21)}-m_{000}^{(20)}m_{010}^{(20)}m_{300}^{(22)}m_{030}^{(21)}+3m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(11)}m_{111}^{(22)}\\
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&+3m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(22)}m_{120}^{(21)}+m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(22)}m_{111}^{(11)}+m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(10)}m_{030}^{(22)}\\
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&+2m_{000}^{(20)}m_{010}^{(20)}m_{102}^{(00)}m_{021}^{(11)}-3m_{000}^{(20)}m_{010}^{(20)}m_{102}^{(10)}m_{021}^{(10)}+m_{000}^{(20)}m_{010}^{(20)}m_{102}^{(11)}m_{021}^{(00)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{102}^{(20)}m_{030}^{(10)}-m_{000}^{(20)}m_{010}^{(20)}m_{102}^{(21)}m_{030}^{(00)}-m_{000}^{(20)}m_{010}^{(20)}m_{030}^{(00)}m_{003}^{(10)}\\
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&-2m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(10)}m_{102}^{(21)} + m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(10)}m_{003}^{(10)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(11)}m_{102}^{(20)}\\
&+3m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(20)}m_{120}^{(22)} + 3m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(20)}m_{111}^{(21)} + m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(20)}m_{102}^{(11)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(20)}m_{012}^{(10)} + m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(21)}m_{111}^{(20)} - m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(21)}m_{102}^{(10)}\\
&-3m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(22)}m_{120}^{(20)} - m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(22)}m_{111}^{(10)} - m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(00)}m_{030}^{(22)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(00)}m_{021}^{(21)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(00)}m_{012}^{(11)} + m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(10)}m_{120}^{(22)}\\
&-3m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(10)}m_{012}^{(10)} + m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(11)}m_{012}^{(00)} - m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(20)}m_{120}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(20)}m_{111}^{(11)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(20)}m_{030}^{(20)} - m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(20)}m_{021}^{(10)}\\
&-2m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(21)}m_{120}^{(20)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(21)}m_{111}^{(10)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(22)}m_{120}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(22)}m_{030}^{(00)} + m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(00)}m_{111}^{(22)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(00)}m_{102}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(00)}m_{012}^{(20)} + m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(00)}m_{003}^{(10)} - m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(10)}m_{102}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(10)}m_{003}^{(00)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(20)}m_{111}^{(20)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(20)}m_{102}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(20)}m_{012}^{(00)} + m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(21)}m_{102}^{(00)} + m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(22)}m_{111}^{(00)}\\
&-3m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(00)}m_{111}^{(21)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(00)}m_{021}^{(20)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(00)}m_{012}^{(10)}\\
&+3m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(10)}m_{111}^{(20)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(10)}m_{102}^{(10)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(10)}m_{012}^{(00)}\\
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&+m_{000}^{(20)}m_{010}^{(21)}m_{102}^{(00)}m_{021}^{(10)} - m_{000}^{(20)}m_{010}^{(21)}m_{102}^{(10)}m_{021}^{(00)} - m_{000}^{(20)}m_{010}^{(21)}m_{102}^{(20)}m_{030}^{(00)}\\
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&-m_{000}^{(20)}m_{010}^{(22)}m_{300}^{(21)}m_{030}^{(20)} + m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(00)}m_{012}^{(11)} + 3m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(10)}m_{111}^{(21)}\\
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&-m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(20)}m_{111}^{(11)} + 3m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(21)}m_{120}^{(20)} + m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(21)}m_{111}^{(10)}\\
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&-m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(11)}m_{021}^{(00)} + 2m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(20)}m_{111}^{(11)} - m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(20)}m_{030}^{(10)}\\
&-2m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(21)}m_{120}^{(10)} + m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(21)}m_{030}^{(00)} - m_{000}^{(20)}m_{010}^{(22)}m_{120}^{(00)}m_{111}^{(21)}\\
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&+m_{000}^{(20)}m_{001}^{(10)}m_{300}^{(21)}m_{021}^{(21)}+m_{000}^{(20)}m_{001}^{(10)}m_{300}^{(21)}m_{012}^{(11)}-m_{000}^{(20)}m_{001}^{(10)}m_{300}^{(22)}m_{021}^{(11)}\\
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&+m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(11)}m_{012}^{(00)}-2m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(20)}m_{120}^{(21)}+m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(20)}m_{111}^{(11)}\\
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&-m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(10)}m_{012}^{(11)}+m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(11)}m_{012}^{(10)}+m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(20)}m_{030}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(20)}m_{021}^{(11)}-m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(22)}m_{030}^{(10)}+m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(00)}m_{030}^{(22)}\\
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&+m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(10)}m_{102}^{(11)}+m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(10)}m_{012}^{(10)}+m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(11)}m_{111}^{(20)}\\
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&+2m_{000}^{(20)}m_{001}^{(22)}m_{120}^{(00)}m_{120}^{(21)}-2m_{000}^{(20)}m_{001}^{(22)}m_{120}^{(10)}m_{120}^{(20)}+2m_{000}^{(20)}m_{001}^{(22)}m_{120}^{(10)}m_{111}^{(10)}\\
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&-m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(21)}m_{021}^{(10)}+m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(22)}m_{030}^{(10)}-m_{000}^{(21)}m_{100}^{(10)}m_{300}^{(11)}m_{012}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{300}^{(11)}m_{003}^{(21)}+m_{000}^{(21)}m_{100}^{(10)}m_{300}^{(21)}m_{021}^{(22)}+2m_{000}^{(21)}m_{100}^{(10)}m_{300}^{(21)}m_{012}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{300}^{(21)}m_{003}^{(11)}-m_{000}^{(21)}m_{100}^{(10)}m_{300}^{(22)}m_{021}^{(21)}-m_{000}^{(21)}m_{100}^{(10)}m_{300}^{(22)}m_{012}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(10)}m_{012}^{(22)}-m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(10)}m_{003}^{(21)}+m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(11)}m_{003}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(20)}m_{021}^{(22)}-m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(20)}m_{012}^{(21)}-2m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(21)}m_{111}^{(22)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(22)}m_{111}^{(21)}-m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(22)}m_{111}^{(20)}+m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(10)}m_{021}^{(22)}
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\begin{aligned}
&-m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(10)}m_{012}^{(21)}+m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(11)}m_{111}^{(22)}+3m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(11)}m_{102}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(11)}m_{012}^{(20)}-m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(20)}m_{030}^{(22)}-m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(20)}m_{021}^{(21)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(20)}m_{012}^{(11)}-m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(21)}m_{120}^{(22)}-2m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(21)}m_{111}^{(21)}\\
&-3m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(21)}m_{102}^{(11)}-2m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(21)}m_{021}^{(20)}-2m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(21)}m_{012}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(22)}m_{120}^{(21)}+m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(22)}m_{111}^{(11)}+m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(22)}m_{030}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(22)}m_{021}^{(10)}+2m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(00)}m_{012}^{(22)}-m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(10)}m_{102}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(10)}m_{003}^{(20)}-2m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(20)}m_{111}^{(22)}+m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(20)}m_{102}^{(21)}\\
&-3m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(20)}m_{012}^{(20)}-m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(21)}m_{003}^{(00)}+2m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(22)}m_{111}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(22)}m_{012}^{(00)}-2m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(00)}m_{021}^{(22)}-2m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(00)}m_{012}^{(21)}\\
&-3m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(10)}m_{111}^{(22)}+3m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(10)}m_{102}^{(21)}-3m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(11)}m_{102}^{(20)}\\
&+3m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(20)}m_{111}^{(21)}-m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(20)}m_{102}^{(11)}+2m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(20)}m_{021}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(20)}m_{012}^{(10)}+m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(21)}m_{102}^{(10)}+2m_{000}^{(21)}m_{100}^{(10)}m_{102}^{(00)}m_{021}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{102}^{(10)}m_{021}^{(20)}+m_{000}^{(21)}m_{100}^{(10)}m_{102}^{(20)}m_{030}^{(20)}-2m_{000}^{(21)}m_{100}^{(10)}m_{102}^{(20)}m_{021}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{102}^{(21)}m_{021}^{(00)}-m_{000}^{(21)}m_{100}^{(10)}m_{102}^{(22)}m_{030}^{(00)}+m_{000}^{(21)}m_{100}^{(11)}m_{300}^{(10)}m_{012}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{300}^{(10)}m_{003}^{(21)}-m_{000}^{(21)}m_{100}^{(11)}m_{300}^{(20)}m_{021}^{(22)}-m_{000}^{(21)}m_{100}^{(11)}m_{300}^{(20)}m_{012}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{300}^{(21)}m_{012}^{(20)}-m_{000}^{(21)}m_{100}^{(11)}m_{300}^{(21)}m_{003}^{(10)}+m_{000}^{(21)}m_{100}^{(11)}m_{300}^{(22)}m_{021}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{300}^{(22)}m_{012}^{(10)}-2m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(00)}m_{012}^{(22)}-m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(10)}m_{003}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(20)}m_{111}^{(22)}+3m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(20)}m_{012}^{(20)}+m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(21)}m_{003}^{(00)}\\
&-2m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(22)}m_{111}^{(20)}-m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(22)}m_{012}^{(00)}+2m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(00)}m_{012}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(10)}m_{111}^{(22)}-3m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(10)}m_{102}^{(21)}-m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(10)}m_{012}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(20)}m_{120}^{(22)}+m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(20)}m_{111}^{(21)}+m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(20)}m_{021}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(20)}m_{012}^{(10)}+m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(21)}m_{111}^{(20)}+3m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(21)}m_{102}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(21)}m_{012}^{(00)}-m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(22)}m_{120}^{(20)}-m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(22)}m_{111}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(22)}m_{021}^{(00)}+m_{000}^{(21)}m_{100}^{(11)}m_{120}^{(00)}m_{102}^{(22)}-m_{000}^{(21)}m_{100}^{(11)}m_{120}^{(20)}m_{102}^{(20)}\\
&+3m_{000}^{(21)}m_{100}^{(11)}m_{111}^{(00)}m_{111}^{(22)}-m_{000}^{(21)}m_{100}^{(11)}m_{111}^{(00)}m_{102}^{(21)}+3m_{000}^{(21)}m_{100}^{(11)}m_{111}^{(10)}m_{102}^{(20)}\\
&-3m_{000}^{(21)}m_{100}^{(11)}(m_{111}^{(20)})^2+m_{000}^{(21)}m_{100}^{(11)}m_{111}^{(20)}m_{102}^{(10)}-3m_{000}^{(21)}m_{100}^{(11)}m_{111}^{(21)}m_{102}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{300}^{(11)}m_{021}^{(22)}+m_{000}^{(21)}m_{100}^{(20)}m_{300}^{(11)}m_{012}^{(21)}-m_{000}^{(21)}m_{100}^{(20)}m_{300}^{(21)}m_{030}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{300}^{(21)}m_{021}^{(21)}-m_{000}^{(21)}m_{100}^{(20)}m_{300}^{(21)}m_{012}^{(11)}+m_{000}^{(21)}m_{100}^{(20)}m_{300}^{(22)}m_{030}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{300}^{(22)}m_{021}^{(11)}-2m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(10)}m_{021}^{(22)}+m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(10)}m_{012}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(10)}m_{003}^{(11)}-m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(11)}m_{111}^{(22)}-m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(11)}m_{102}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(11)}m_{012}^{(20)}-m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(11)}m_{003}^{(10)}+m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(20)}m_{021}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(20)}m_{012}^{(11)}+3m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(21)}m_{120}^{(22)}+2m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(21)}m_{111}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(21)}m_{102}^{(11)}+2m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(21)}m_{021}^{(20)}+2m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(21)}m_{012}^{(10)}\\
&-3m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(22)}m_{120}^{(21)}-m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(22)}m_{111}^{(11)}-m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(22)}m_{021}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(10)}m_{021}^{(21)}-m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(10)}m_{012}^{(11)}-2m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(11)}m_{111}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(11)}m_{012}^{(10)}+m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(20)}m_{030}^{(21)}-m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(20)}m_{021}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(21)}m_{111}^{(11)}-m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(22)}m_{030}^{(10)}-2m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(00)}m_{012}^{(21)}\\
&+3m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(10)}m_{111}^{(22)}+2m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(10)}m_{012}^{(20)}-m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(10)}m_{003}^{(10)}
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&+m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(11)}m_{102}^{(20)} + m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(11)}m_{003}^{(00)} - m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(20)}m_{111}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(20)}m_{012}^{(10)} - 3m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(21)}m_{111}^{(20)} - m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(21)}m_{102}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(21)}m_{012}^{(00)} + m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(22)}m_{111}^{(10)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(00)}m_{021}^{(21)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(00)}m_{012}^{(11)} - 3m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(10)}m_{111}^{(21)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(10)}m_{102}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(10)}m_{021}^{(20)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(10)}m_{012}^{(10)} + 3m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(11)}m_{111}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(11)}m_{102}^{(10)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{102}^{(00)}m_{021}^{(11)} + 3m_{000}^{(21)}m_{100}^{(20)}m_{102}^{(10)}m_{021}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{102}^{(11)}m_{021}^{(00)} - m_{000}^{(21)}m_{100}^{(20)}m_{102}^{(20)}m_{030}^{(10)} + m_{000}^{(21)}m_{100}^{(20)}m_{102}^{(21)}m_{030}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(10)}m_{021}^{(22)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(10)}m_{012}^{(21)} - m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(10)}m_{003}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(11)}m_{012}^{(20)} + m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(11)}m_{003}^{(10)} + m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(20)}m_{030}^{(22)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(20)}m_{021}^{(21)} + m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(20)}m_{012}^{(11)} - m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(22)}m_{030}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(22)}m_{021}^{(10)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(00)}m_{021}^{(22)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(00)}m_{012}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(10)}m_{111}^{(22)} + m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(10)}m_{102}^{(21)} - m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(10)}m_{012}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(10)}m_{003}^{(10)} - m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(11)}m_{003}^{(00)} - 3m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(20)}m_{120}^{(22)}\\
&-3m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(20)}m_{111}^{(21)} - 3m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(20)}m_{021}^{(20)} - m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(20)}m_{012}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(21)}m_{111}^{(20)} - m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(21)}m_{102}^{(10)} + 3m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(22)}m_{120}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(22)}m_{111}^{(10)} + m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(22)}m_{021}^{(00)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(00)}m_{021}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(00)}m_{012}^{(11)} + 3m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(10)}m_{111}^{(21)} + 3m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(10)}m_{102}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(10)}m_{021}^{(20)} + 3m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(10)}m_{012}^{(10)} - m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(11)}m_{111}^{(20)}\\
&-3m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(11)}m_{102}^{(10)} - m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(11)}m_{012}^{(00)} - m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(20)}m_{120}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(20)}m_{111}^{(11)} - m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(20)}m_{030}^{(20)} + m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(20)}m_{021}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(21)}m_{120}^{(20)} - m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(21)}m_{111}^{(10)} + m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(22)}m_{030}^{(00)}\\
&-3m_{000}^{(21)}m_{100}^{(21)}m_{120}^{(00)}m_{111}^{(22)} - m_{000}^{(21)}m_{100}^{(21)}m_{120}^{(00)}m_{102}^{(21)} + 4m_{000}^{(21)}m_{100}^{(21)}m_{120}^{(20)}m_{111}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{120}^{(21)}m_{102}^{(00)} - m_{000}^{(21)}m_{100}^{(21)}m_{120}^{(22)}m_{111}^{(00)} + m_{000}^{(21)}m_{100}^{(21)}m_{111}^{(00)}m_{102}^{(11)}\\
&-4m_{000}^{(21)}m_{100}^{(21)}m_{111}^{(10)}m_{102}^{(10)} + 3m_{000}^{(21)}m_{100}^{(21)}m_{111}^{(11)}m_{102}^{(00)} + m_{000}^{(21)}m_{100}^{(22)}m_{300}^{(10)}m_{021}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{300}^{(10)}m_{012}^{(11)} - m_{000}^{(21)}m_{100}^{(22)}m_{300}^{(11)}m_{021}^{(20)} - m_{000}^{(21)}m_{100}^{(22)}m_{300}^{(11)}m_{012}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{300}^{(20)}m_{030}^{(21)} - m_{000}^{(21)}m_{100}^{(22)}m_{300}^{(20)}m_{021}^{(11)} + m_{000}^{(21)}m_{100}^{(22)}m_{300}^{(21)}m_{030}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{300}^{(21)}m_{021}^{(10)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(00)}m_{021}^{(21)} - m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(10)}m_{111}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(10)}m_{102}^{(11)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(10)}m_{021}^{(20)} - m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(10)}m_{012}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(11)}m_{111}^{(20)} + m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(11)}m_{102}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(11)}m_{012}^{(00)}\\
&+3m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(20)}m_{120}^{(21)} + m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(20)}m_{111}^{(11)} + m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(20)}m_{021}^{(10)}\\
&-3m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(21)}m_{120}^{(20)} - m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(21)}m_{111}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(21)}m_{021}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(22)}m_{201}^{(00)}m_{021}^{(11)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{201}^{(10)}m_{111}^{(11)} - 3m_{000}^{(21)}m_{100}^{(22)}m_{201}^{(10)}m_{021}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(22)}m_{201}^{(11)}m_{111}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{201}^{(11)}m_{021}^{(00)} + m_{000}^{(21)}m_{100}^{(22)}m_{201}^{(20)}m_{030}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{201}^{(21)}m_{030}^{(00)} + 3m_{000}^{(21)}m_{100}^{(22)}m_{120}^{(00)}m_{111}^{(21)} - 3m_{000}^{(21)}m_{100}^{(22)}m_{120}^{(10)}m_{111}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{120}^{(10)}m_{102}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{120}^{(11)}m_{102}^{(00)} - m_{000}^{(21)}m_{100}^{(22)}m_{120}^{(20)}m_{111}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{120}^{(21)}m_{111}^{(00)} - 3m_{000}^{(21)}m_{100}^{(22)}m_{111}^{(00)}m_{111}^{(11)} + 3m_{000}^{(21)}m_{100}^{(22)}(m_{111}^{(10)})^2\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{210}^{(10)}m_{012}^{(22)} - m_{000}^{(21)}m_{010}^{(00)}m_{210}^{(10)}m_{003}^{(21)} - m_{000}^{(21)}m_{010}^{(00)}m_{210}^{(11)}m_{102}^{(22)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{210}^{(20)}m_{012}^{(21)} + m_{000}^{(21)}m_{010}^{(00)}m_{210}^{(20)}m_{003}^{(11)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{210}^{(21)}m_{102}^{(21)}
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&-m_{000}^{(21)} m_{010}^{(00)} m_{210}^{(22)} m_{102}^{(11)} - m_{000}^{(21)} m_{010}^{(00)} m_{201}^{(10)} m_{021}^{(22)} + m_{000}^{(21)} m_{010}^{(00)} m_{201}^{(10)} m_{012}^{(21)} \\
&+m_{000}^{(21)} m_{010}^{(00)} m_{201}^{(11)} m_{111}^{(22)} + m_{000}^{(21)} m_{010}^{(00)} m_{201}^{(20)} m_{021}^{(21)} - m_{000}^{(21)} m_{010}^{(00)} m_{201}^{(20)} m_{012}^{(11)} \\
&-2m_{000}^{(21)} m_{010}^{(00)} m_{201}^{(21)} m_{111}^{(21)} + m_{000}^{(21)} m_{010}^{(00)} m_{201}^{(22)} m_{111}^{(11)} + m_{000}^{(21)} m_{010}^{(00)} m_{120}^{(10)} m_{003}^{(20)} \\
&-m_{000}^{(21)} m_{010}^{(00)} m_{120}^{(20)} m_{003}^{(10)} - m_{000}^{(21)} m_{010}^{(00)} m_{120}^{(21)} m_{102}^{(20)} + m_{000}^{(21)} m_{010}^{(00)} m_{120}^{(22)} m_{102}^{(10)} \\
&-m_{000}^{(21)} m_{010}^{(00)} m_{111}^{(10)} m_{111}^{(22)} + m_{000}^{(21)} m_{010}^{(00)} m_{111}^{(10)} m_{102}^{(21)} - 2m_{000}^{(21)} m_{010}^{(00)} m_{111}^{(10)} m_{012}^{(20)} \\
&+m_{000}^{(21)} m_{010}^{(00)} m_{111}^{(11)} m_{102}^{(20)} + m_{000}^{(21)} m_{010}^{(00)} m_{111}^{(20)} m_{111}^{(21)} - m_{000}^{(21)} m_{010}^{(00)} m_{111}^{(20)} m_{102}^{(11)} \\
&+2m_{000}^{(21)} m_{010}^{(00)} m_{111}^{(20)} m_{012}^{(10)} - m_{000}^{(21)} m_{010}^{(00)} m_{111}^{(21)} m_{102}^{(10)} + m_{000}^{(21)} m_{010}^{(00)} m_{102}^{(10)} m_{021}^{(20)} \\
&-m_{000}^{(21)} m_{010}^{(00)} m_{102}^{(20)} m_{021}^{(10)} - m_{000}^{(21)} m_{010}^{(10)} m_{300}^{(10)} m_{012}^{(22)} + m_{000}^{(21)} m_{010}^{(10)} m_{300}^{(10)} m_{003}^{(21)} \\
&+m_{000}^{(21)} m_{010}^{(10)} m_{300}^{(11)} m_{102}^{(22)} + m_{000}^{(21)} m_{010}^{(10)} m_{300}^{(20)} m_{012}^{(21)} - m_{000}^{(21)} m_{010}^{(10)} m_{300}^{(20)} m_{003}^{(11)} \\
&-2m_{000}^{(21)} m_{010}^{(10)} m_{300}^{(21)} m_{102}^{(21)} + m_{000}^{(21)} m_{010}^{(10)} m_{300}^{(22)} m_{102}^{(11)} - m_{000}^{(21)} m_{010}^{(10)} m_{210}^{(00)} m_{012}^{(22)} \\
&+m_{000}^{(21)} m_{010}^{(10)} m_{210}^{(00)} m_{003}^{(21)} + m_{000}^{(21)} m_{010}^{(10)} m_{210}^{(10)} m_{102}^{(22)} - m_{000}^{(21)} m_{010}^{(10)} m_{210}^{(10)} m_{003}^{(20)} \\
&-m_{000}^{(21)} m_{010}^{(10)} m_{210}^{(20)} m_{102}^{(21)} + m_{000}^{(21)} m_{010}^{(10)} m_{210}^{(20)} m_{012}^{(20)} + m_{000}^{(21)} m_{010}^{(10)} m_{201}^{(00)} m_{021}^{(22)} \\
&-m_{000}^{(21)} m_{010}^{(10)} m_{201}^{(00)} m_{012}^{(21)} + m_{000}^{(21)} m_{010}^{(10)} m_{201}^{(10)} m_{111}^{(22)} - 2m_{000}^{(21)} m_{010}^{(10)} m_{201}^{(10)} m_{102}^{(21)} \\
&+m_{000}^{(21)} m_{010}^{(10)} m_{201}^{(10)} m_{012}^{(20)} - 2m_{000}^{(21)} m_{010}^{(10)} m_{201}^{(11)} m_{201}^{(22)} - m_{000}^{(21)} m_{010}^{(10)} m_{201}^{(11)} m_{102}^{(20)} \\
&-m_{000}^{(21)} m_{010}^{(10)} m_{201}^{(20)} m_{111}^{(21)} + 2m_{000}^{(21)} m_{010}^{(10)} m_{201}^{(20)} m_{102}^{(11)} - m_{000}^{(21)} m_{010}^{(10)} m_{201}^{(20)} m_{021}^{(20)} \\
&+2m_{000}^{(21)} m_{010}^{(10)} (m_{201}^{(21)})^2 + m_{000}^{(21)} m_{010}^{(10)} m_{201}^{(21)} m_{111}^{(20)} + m_{000}^{(21)} m_{010}^{(10)} m_{201}^{(21)} m_{102}^{(10)} \\
&-m_{000}^{(21)} m_{010}^{(10)} m_{201}^{(22)} m_{111}^{(10)} - m_{000}^{(21)} m_{010}^{(10)} m_{120}^{(00)} m_{003}^{(20)} + m_{000}^{(21)} m_{010}^{(10)} m_{120}^{(20)} m_{102}^{(20)} \\
&+m_{000}^{(21)} m_{010}^{(10)} m_{120}^{(20)} m_{003}^{(00)} - m_{000}^{(21)} m_{010}^{(10)} m_{120}^{(22)} m_{102}^{(00)} + m_{000}^{(21)} m_{010}^{(10)} m_{111}^{(00)} m_{111}^{(22)} \\
&-m_{000}^{(21)} m_{010}^{(10)} m_{111}^{(00)} m_{102}^{(21)} + 2m_{000}^{(21)} m_{010}^{(10)} m_{111}^{(00)} m_{012}^{(20)} + m_{000}^{(21)} m_{010}^{(10)} m_{111}^{(10)} m_{102}^{(20)} \\
&-m_{000}^{(21)} m_{010}^{(10)} (m_{111}^{(20)})^2 - m_{000}^{(21)} m_{010}^{(10)} m_{111}^{(20)} m_{102}^{(10)} - 2m_{000}^{(21)} m_{010}^{(10)} m_{111}^{(20)} m_{012}^{(00)} \\
&+m_{000}^{(21)} m_{010}^{(10)} m_{111}^{(21)} m_{102}^{(00)} - m_{000}^{(21)} m_{010}^{(10)} m_{102}^{(00)} m_{021}^{(20)} + m_{000}^{(21)} m_{010}^{(10)} m_{102}^{(20)} m_{021}^{(00)} \\
&+m_{000}^{(21)} m_{010}^{(11)} m_{300}^{(00)} m_{012}^{(22)} - m_{000}^{(21)} m_{010}^{(11)} m_{300}^{(00)} m_{003}^{(21)} - m_{000}^{(21)} m_{010}^{(11)} m_{300}^{(10)} m_{102}^{(22)} \\
&+m_{000}^{(21)} m_{010}^{(11)} m_{300}^{(20)} m_{102}^{(21)} - m_{000}^{(21)} m_{010}^{(11)} m_{300}^{(20)} m_{012}^{(20)} + m_{000}^{(21)} m_{010}^{(11)} m_{300}^{(20)} m_{003}^{(10)} \\
&+m_{000}^{(21)} m_{010}^{(11)} m_{300}^{(21)} m_{102}^{(20)} - m_{000}^{(21)} m_{010}^{(11)} m_{300}^{(22)} m_{102}^{(10)} + m_{000}^{(21)} m_{010}^{(11)} m_{210}^{(00)} m_{003}^{(20)} \\
&-m_{000}^{(21)} m_{010}^{(11)} m_{210}^{(20)} m_{102}^{(20)} - m_{000}^{(21)} m_{010}^{(11)} m_{210}^{(20)} m_{003}^{(00)} + m_{000}^{(21)} m_{010}^{(11)} m_{210}^{(22)} m_{102}^{(00)} \\
&-2m_{000}^{(21)} m_{010}^{(11)} m_{201}^{(00)} m_{111}^{(22)} + 2m_{000}^{(21)} m_{010}^{(11)} m_{201}^{(00)} m_{102}^{(21)} - m_{000}^{(21)} m_{010}^{(11)} m_{201}^{(00)} m_{012}^{(20)} \\
&+2m_{000}^{(21)} m_{010}^{(11)} m_{201}^{(10)} m_{201}^{(22)} + m_{000}^{(21)} m_{010}^{(11)} m_{201}^{(10)} m_{102}^{(20)} - 2m_{000}^{(21)} m_{010}^{(11)} m_{201}^{(20)} m_{201}^{(21)} \\
&+2m_{000}^{(21)} m_{010}^{(11)} m_{201}^{(20)} m_{111}^{(20)} - 2m_{000}^{(21)} m_{010}^{(11)} m_{201}^{(20)} m_{102}^{(10)} + m_{000}^{(21)} m_{010}^{(11)} m_{201}^{(20)} m_{012}^{(00)} \\
&-m_{000}^{(21)} m_{010}^{(11)} m_{201}^{(21)} m_{102}^{(00)} - 2m_{000}^{(21)} m_{010}^{(11)} m_{111}^{(00)} m_{102}^{(20)} + 2m_{000}^{(21)} m_{010}^{(11)} m_{111}^{(20)} m_{102}^{(00)} \\
&+m_{000}^{(21)} m_{010}^{(20)} m_{300}^{(10)} m_{021}^{(22)} - m_{000}^{(21)} m_{010}^{(20)} m_{300}^{(10)} m_{012}^{(21)} - m_{000}^{(21)} m_{010}^{(20)} m_{300}^{(11)} m_{111}^{(22)} \\
&-m_{000}^{(21)} m_{010}^{(20)} m_{300}^{(20)} m_{021}^{(21)} + m_{000}^{(21)} m_{010}^{(20)} m_{300}^{(20)} m_{012}^{(11)} + 2m_{000}^{(21)} m_{010}^{(20)} m_{300}^{(21)} m_{111}^{(21)} \\
&-m_{000}^{(21)} m_{010}^{(20)} m_{300}^{(22)} m_{111}^{(11)} + m_{000}^{(21)} m_{010}^{(20)} m_{210}^{(00)} m_{012}^{(21)} - m_{000}^{(21)} m_{010}^{(20)} m_{210}^{(00)} m_{003}^{(11)} \\
&-m_{000}^{(21)} m_{010}^{(20)} m_{210}^{(10)} m_{111}^{(22)} + m_{000}^{(21)} m_{010}^{(20)} m_{210}^{(10)} m_{003}^{(10)} + m_{000}^{(21)} m_{010}^{(20)} m_{210}^{(11)} m_{201}^{(22)} \\
&+m_{000}^{(21)} m_{010}^{(20)} m_{210}^{(11)} m_{102}^{(20)} + m_{000}^{(21)} m_{010}^{(20)} m_{210}^{(20)} m_{111}^{(21)} - m_{000}^{(21)} m_{010}^{(20)} m_{210}^{(20)} m_{012}^{(10)} \\
&-2m_{000}^{(21)} m_{010}^{(20)} m_{210}^{(21)} m_{201}^{(21)} - m_{000}^{(21)} m_{010}^{(20)} m_{210}^{(21)} m_{111}^{(20)} - m_{000}^{(21)} m_{010}^{(20)} m_{210}^{(21)} m_{102}^{(10)} \\
&+m_{000}^{(21)} m_{010}^{(20)} m_{210}^{(22)} m_{201}^{(11)} + m_{000}^{(21)} m_{010}^{(20)} m_{210}^{(22)} m_{111}^{(10)} - m_{000}^{(21)} m_{010}^{(20)} m_{201}^{(00)} m_{021}^{(21)} \\
&+m_{000}^{(21)} m_{010}^{(20)} m_{201}^{(00)} m_{012}^{(11)} - m_{000}^{(21)} m_{010}^{(20)} m_{201}^{(10)} m_{120}^{(22)} + 2m_{000}^{(21)} m_{010}^{(20)} m_{201}^{(10)} m_{111}^{(21)} \\
&-m_{000}^{(21)} m_{010}^{(20)} m_{201}^{(10)} m_{012}^{(10)} + m_{000}^{(21)} m_{010}^{(20)} m_{201}^{(20)} m_{120}^{(21)} - 2m_{000}^{(21)} m_{010}^{(20)} m_{201}^{(20)} m_{111}^{(11)}
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&+m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(20)}m_{021}^{(10)}+m_{000}^{(21)}m_{010}^{(20)}m_{120}^{(00)}m_{003}^{(10)}-m_{000}^{(21)}m_{010}^{(20)}m_{120}^{(10)}m_{102}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{120}^{(10)}m_{003}^{(00)}+m_{000}^{(21)}m_{010}^{(20)}m_{120}^{(21)}m_{102}^{(00)}-m_{000}^{(21)}m_{010}^{(20)}m_{111}^{(00)}m_{111}^{(21)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{111}^{(00)}m_{102}^{(11)}-2m_{000}^{(21)}m_{010}^{(20)}m_{111}^{(00)}m_{012}^{(10)}+m_{000}^{(21)}m_{010}^{(20)}m_{111}^{(10)}m_{111}^{(20)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{111}^{(10)}m_{012}^{(00)}-m_{000}^{(21)}m_{010}^{(20)}m_{111}^{(11)}m_{102}^{(00)}+m_{000}^{(21)}m_{010}^{(20)}m_{102}^{(00)}m_{021}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{102}^{(10)}m_{021}^{(00)}-m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(00)}m_{021}^{(22)}+m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(00)}m_{003}^{(11)}\\
&+m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(10)}m_{111}^{(22)}+m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(10)}m_{102}^{(21)}+m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(10)}m_{012}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(10)}m_{003}^{(10)}-m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(11)}m_{102}^{(20)}-m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(20)}m_{111}^{(21)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(20)}m_{102}^{(11)}+m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(20)}m_{021}^{(20)}-m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(20)}m_{012}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(21)}m_{111}^{(20)}+m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(21)}m_{102}^{(10)}+m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(22)}m_{111}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(00)}m_{111}^{(22)}-m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(00)}m_{102}^{(21)}-m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(00)}m_{012}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(00)}m_{003}^{(10)}-m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(10)}m_{201}^{(22)}+m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(10)}m_{003}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(20)}m_{201}^{(21)}+2m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(20)}m_{102}^{(10)}+m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(20)}m_{012}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(21)}m_{201}^{(20)}-m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(21)}m_{102}^{(00)}-m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(22)}m_{201}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(22)}m_{111}^{(00)}+m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(00)}m_{120}^{(22)}+m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(00)}m_{111}^{(21)}\\
&-2m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(00)}m_{102}^{(11)}+m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(00)}m_{021}^{(20)}+m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(00)}m_{012}^{(10)}\\
&-2m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(10)}m_{201}^{(21)}-3m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(10)}m_{111}^{(20)}+m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(10)}m_{102}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(10)}m_{012}^{(00)}+2m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(11)}m_{201}^{(20)}+m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(11)}m_{102}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(20)}m_{120}^{(20)}+m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(20)}m_{111}^{(10)}-m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(20)}m_{021}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(21)}m_{111}^{(00)}+m_{000}^{(21)}m_{010}^{(21)}m_{120}^{(00)}m_{102}^{(20)}-m_{000}^{(21)}m_{010}^{(21)}m_{120}^{(20)}m_{102}^{(00)}\\
&+2m_{000}^{(21)}m_{010}^{(21)}m_{111}^{(00)}m_{102}^{(10)}-2m_{000}^{(21)}m_{010}^{(21)}m_{111}^{(10)}m_{102}^{(00)}+m_{000}^{(21)}m_{010}^{(22)}m_{300}^{(00)}m_{021}^{(21)}\\
&-m_{000}^{(21)}m_{010}^{(22)}m_{300}^{(00)}m_{012}^{(11)}-m_{000}^{(21)}m_{010}^{(22)}m_{300}^{(10)}m_{111}^{(21)}-m_{000}^{(21)}m_{010}^{(22)}m_{300}^{(10)}m_{021}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(22)}m_{300}^{(10)}m_{012}^{(10)}+m_{000}^{(21)}m_{010}^{(22)}m_{300}^{(11)}m_{111}^{(20)}+m_{000}^{(21)}m_{010}^{(22)}m_{300}^{(20)}m_{111}^{(11)}\\
&-m_{000}^{(21)}m_{010}^{(22)}m_{300}^{(21)}m_{111}^{(10)}-m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(00)}m_{111}^{(21)}+m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(00)}m_{102}^{(11)}\\
&+m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(00)}m_{012}^{(10)}+m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(10)}m_{201}^{(21)}+m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(10)}m_{111}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(10)}m_{102}^{(10)}-m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(10)}m_{012}^{(00)}-m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(11)}m_{201}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(20)}m_{201}^{(11)}-m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(20)}m_{111}^{(10)}+m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(21)}m_{201}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(21)}m_{111}^{(00)}-m_{000}^{(21)}m_{010}^{(22)}m_{201}^{(00)}m_{120}^{(21)}+m_{000}^{(21)}m_{010}^{(22)}m_{201}^{(00)}m_{111}^{(11)}\\
&-m_{000}^{(21)}m_{010}^{(22)}m_{201}^{(10)}m_{021}^{(00)}+m_{000}^{(21)}m_{010}^{(22)}m_{201}^{(10)}m_{120}^{(20)}+m_{000}^{(21)}m_{010}^{(22)}m_{201}^{(10)}m_{021}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(22)}m_{201}^{(11)}m_{111}^{(00)}-m_{000}^{(21)}m_{010}^{(22)}m_{120}^{(00)}m_{102}^{(10)}+m_{000}^{(21)}m_{010}^{(22)}m_{120}^{(10)}m_{102}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{210}^{(10)}m_{021}^{(22)}-m_{000}^{(21)}m_{001}^{(00)}m_{210}^{(10)}m_{012}^{(21)}-m_{000}^{(21)}m_{001}^{(00)}m_{210}^{(11)}m_{111}^{(22)}\\
&-m_{000}^{(21)}m_{001}^{(00)}m_{210}^{(20)}m_{021}^{(21)}+m_{000}^{(21)}m_{001}^{(00)}m_{210}^{(20)}m_{012}^{(11)}+2m_{000}^{(21)}m_{001}^{(00)}m_{210}^{(21)}m_{111}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(00)}m_{210}^{(22)}m_{111}^{(11)}-m_{000}^{(21)}m_{001}^{(00)}m_{201}^{(10)}m_{030}^{(22)}+m_{000}^{(21)}m_{001}^{(00)}m_{201}^{(10)}m_{021}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{201}^{(11)}m_{120}^{(22)}+m_{000}^{(21)}m_{001}^{(00)}m_{201}^{(20)}m_{030}^{(21)}-m_{000}^{(21)}m_{001}^{(00)}m_{201}^{(20)}m_{021}^{(11)}\\
&-2m_{000}^{(21)}m_{001}^{(00)}m_{201}^{(21)}m_{120}^{(21)}+m_{000}^{(21)}m_{001}^{(00)}m_{201}^{(22)}m_{120}^{(11)}-m_{000}^{(21)}m_{001}^{(00)}m_{120}^{(10)}m_{111}^{(22)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{120}^{(10)}m_{102}^{(21)}+m_{000}^{(21)}m_{001}^{(00)}m_{120}^{(10)}m_{012}^{(20)}+m_{000}^{(21)}m_{001}^{(00)}m_{120}^{(20)}m_{111}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(00)}m_{120}^{(20)}m_{102}^{(11)}-m_{000}^{(21)}m_{001}^{(00)}m_{120}^{(20)}m_{012}^{(10)}-m_{000}^{(21)}m_{001}^{(00)}m_{120}^{(21)}m_{111}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{120}^{(22)}m_{111}^{(10)}-m_{000}^{(21)}m_{001}^{(00)}m_{111}^{(10)}m_{111}^{(21)}-2m_{000}^{(21)}m_{001}^{(00)}m_{111}^{(10)}m_{021}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{111}^{(11)}m_{111}^{(20)}+2m_{000}^{(21)}m_{001}^{(00)}m_{111}^{(20)}m_{021}^{(10)}+m_{000}^{(21)}m_{001}^{(00)}m_{102}^{(10)}m_{030}^{(20)}
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&-m_{000}^{(21)}m_{001}^{(00)}m_{102}^{(20)}m_{030}^{(10)} - m_{000}^{(21)}m_{001}^{(10)}m_{300}^{(10)}m_{021}^{(22)} + m_{000}^{(21)}m_{001}^{(10)}m_{300}^{(10)}m_{012}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{300}^{(11)}m_{111}^{(22)} + m_{000}^{(21)}m_{001}^{(10)}m_{300}^{(20)}m_{021}^{(21)} - m_{000}^{(21)}m_{001}^{(10)}m_{300}^{(20)}m_{012}^{(11)}\\
&-2m_{000}^{(21)}m_{001}^{(10)}m_{300}^{(21)}m_{111}^{(21)} + m_{000}^{(21)}m_{001}^{(10)}m_{300}^{(22)}m_{111}^{(11)} - m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(00)}m_{021}^{(22)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(00)}m_{012}^{(21)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(10)}m_{111}^{(22)} - m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(10)}m_{102}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(10)}m_{012}^{(20)} - m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(11)}m_{201}^{(22)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(20)}m_{111}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(20)}m_{102}^{(11)} + m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(20)}m_{021}^{(20)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(21)}m_{201}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(22)}m_{201}^{(11)} + m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(00)}m_{030}^{(22)} - m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(00)}m_{021}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(10)}m_{111}^{(21)} + m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(10)}m_{021}^{(20)} - m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(11)}m_{111}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(20)}m_{111}^{(11)} - m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(20)}m_{030}^{(20)} + m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(21)}m_{120}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(21)}m_{111}^{(10)} - m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(22)}m_{120}^{(10)} + m_{000}^{(21)}m_{001}^{(10)}m_{120}^{(00)}m_{111}^{(22)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{120}^{(00)}m_{102}^{(21)} - m_{000}^{(21)}m_{001}^{(10)}m_{120}^{(00)}m_{012}^{(20)} + m_{000}^{(21)}m_{001}^{(10)}m_{120}^{(10)}m_{102}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{120}^{(20)}m_{012}^{(00)} - m_{000}^{(21)}m_{001}^{(10)}m_{120}^{(22)}m_{111}^{(00)} + m_{000}^{(21)}m_{001}^{(10)}m_{111}^{(00)}m_{111}^{(21)}\\
&+2m_{000}^{(21)}m_{001}^{(10)}m_{111}^{(00)}m_{021}^{(20)} - m_{000}^{(21)}m_{001}^{(10)}m_{111}^{(10)}m_{111}^{(20)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{111}^{(20)}m_{021}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{102}^{(00)}m_{030}^{(20)} + m_{000}^{(21)}m_{001}^{(10)}m_{102}^{(20)}m_{030}^{(00)} + m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(00)}m_{021}^{(22)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(00)}m_{012}^{(21)} - m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(10)}m_{111}^{(22)} + m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(20)}m_{111}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(20)}m_{021}^{(20)} + m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(20)}m_{012}^{(10)} + m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(21)}m_{111}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(22)}m_{111}^{(10)} - m_{000}^{(21)}m_{001}^{(11)}m_{210}^{(00)}m_{111}^{(22)} + m_{000}^{(21)}m_{001}^{(11)}m_{210}^{(00)}m_{102}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{210}^{(00)}m_{012}^{(20)} + m_{000}^{(21)}m_{001}^{(11)}m_{210}^{(10)}m_{201}^{(22)} - m_{000}^{(21)}m_{001}^{(11)}m_{210}^{(20)}m_{201}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{210}^{(20)}m_{102}^{(10)} - m_{000}^{(21)}m_{001}^{(11)}m_{210}^{(20)}m_{012}^{(00)} - m_{000}^{(21)}m_{001}^{(11)}m_{210}^{(21)}m_{201}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{210}^{(22)}m_{201}^{(10)} + m_{000}^{(21)}m_{001}^{(11)}m_{210}^{(22)}m_{111}^{(00)} - m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(00)}m_{120}^{(22)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(00)}m_{111}^{(21)} - m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(00)}m_{021}^{(20)} + m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(10)}m_{111}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(20)}m_{120}^{(20)} - m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(20)}m_{111}^{(10)} + m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(20)}m_{021}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(21)}m_{111}^{(00)} - m_{000}^{(21)}m_{001}^{(11)}m_{120}^{(00)}m_{102}^{(20)} + m_{000}^{(21)}m_{001}^{(11)}m_{120}^{(20)}m_{102}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(10)}m_{030}^{(22)} - m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(10)}m_{021}^{(21)} - m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(11)}m_{120}^{(22)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(20)}m_{030}^{(21)} + m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(20)}m_{021}^{(11)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(21)}m_{120}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(22)}m_{120}^{(11)} + m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(00)}m_{021}^{(21)} - m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(00)}m_{012}^{(11)}\\
&-2m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(10)}m_{120}^{(22)} + m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(10)}m_{111}^{(21)} + m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(10)}m_{012}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(11)}m_{210}^{(22)} + m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(11)}m_{111}^{(20)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(20)}m_{120}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(20)}m_{111}^{(11)} - m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(20)}m_{021}^{(10)} - 2m_{000}^{(21)}m_{001}^{(20)}(m_{210}^{(21)})^2\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(21)}m_{120}^{(20)} - m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(21)}m_{111}^{(10)} + m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(22)}m_{120}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(00)}m_{030}^{(21)} + m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(00)}m_{021}^{(11)} + m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(10)}m_{120}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(10)}m_{021}^{(10)} - m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(20)}m_{120}^{(11)} + m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(20)}m_{030}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(00)}m_{111}^{(21)} + m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(00)}m_{102}^{(11)} + m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(00)}m_{012}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(10)}m_{111}^{(20)} - m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(10)}m_{102}^{(10)} - m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(10)}m_{012}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(20)}m_{111}^{(10)} + m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(21)}m_{111}^{(00)} - m_{000}^{(21)}m_{001}^{(20)}m_{111}^{(00)}m_{111}^{(11)}\\
&-2m_{000}^{(21)}m_{001}^{(20)}m_{111}^{(00)}m_{021}^{(10)} + m_{000}^{(21)}m_{001}^{(20)}(m_{111}^{(10)})^2 + 2m_{000}^{(21)}m_{001}^{(20)}m_{111}^{(10)}m_{021}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{102}^{(00)}m_{030}^{(10)} - m_{000}^{(21)}m_{001}^{(20)}m_{102}^{(10)}m_{030}^{(00)} - m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(00)}m_{030}^{(22)}\\
&+m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(00)}m_{012}^{(11)} + m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(10)}m_{120}^{(22)} + m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(10)}m_{111}^{(21)}
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&+m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(10)}m_{021}^{(20)} - m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(10)}m_{012}^{(10)} - m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(11)}m_{111}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(20)}m_{120}^{(21)} - m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(20)}m_{111}^{(11)} + m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(20)}m_{030}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(20)}m_{021}^{(10)} - m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(21)}m_{120}^{(20)} + m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(21)}m_{111}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(22)}m_{120}^{(10)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(00)}m_{120}^{(22)} - m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(00)}m_{111}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(00)}m_{102}^{(11)} - m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(00)}m_{021}^{(20)} - m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(00)}m_{012}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(10)}m_{210}^{(22)} - m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(10)}m_{201}^{(21)} - m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(10)}m_{111}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(10)}m_{102}^{(10)} + m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(10)}m_{012}^{(00)} + m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(11)}m_{201}^{(20)}\\
&+2m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(20)}m_{210}^{(21)} + m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(20)}m_{201}^{(11)} - m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(20)}m_{120}^{(20)}\\
&+3m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(20)}m_{111}^{(10)} + m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(20)}m_{021}^{(00)} - m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(21)}m_{201}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(21)}m_{111}^{(00)} - m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(22)}m_{120}^{(00)} + m_{000}^{(21)}m_{001}^{(21)}m_{201}^{(00)}m_{120}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(21)}m_{201}^{(00)}m_{111}^{(11)} + m_{000}^{(21)}m_{001}^{(21)}m_{201}^{(00)}m_{030}^{(20)} + m_{000}^{(21)}m_{001}^{(21)}m_{201}^{(00)}m_{021}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(21)}m_{201}^{(10)}m_{120}^{(20)} - m_{000}^{(21)}m_{001}^{(21)}m_{201}^{(10)}m_{021}^{(00)} + m_{000}^{(21)}m_{001}^{(21)}m_{201}^{(11)}m_{111}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(21)}m_{201}^{(20)}m_{030}^{(00)} + m_{000}^{(21)}m_{001}^{(21)}m_{201}^{(21)}m_{120}^{(00)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{120}^{(00)}m_{111}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(21)}m_{120}^{(00)}m_{102}^{(10)} - m_{000}^{(21)}m_{001}^{(21)}m_{120}^{(10)}m_{102}^{(00)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{120}^{(20)}m_{111}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(00)}m_{030}^{(21)} - m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(00)}m_{021}^{(11)} - m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(10)}m_{120}^{(21)}\\
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&+m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(20)}m_{120}^{(11)} - m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(21)}m_{120}^{(10)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(00)}m_{120}^{(21)}\\
&+2m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(00)}m_{111}^{(11)} + m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(00)}m_{021}^{(10)} + 2m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(10)}m_{210}^{(21)}\\
&+2m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(10)}m_{120}^{(20)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(10)}m_{111}^{(10)} - m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(10)}m_{021}^{(00)}\\
&-2m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(11)}m_{210}^{(20)} - m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(20)}m_{120}^{(10)} + m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(21)}m_{120}^{(00)}\\
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&-m_{000}^{(21)}m_{001}^{(22)}m_{201}^{(11)}m_{120}^{(00)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{120}^{(00)}m_{111}^{(10)} + 2m_{000}^{(21)}m_{001}^{(22)}m_{120}^{(10)}m_{111}^{(00)}\\
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&-m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(22)}m_{111}^{(11)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(11)}m_{111}^{(21)} + m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(20)}m_{030}^{(21)}\\
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&+m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(21)}m_{021}^{(10)} - m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(22)}m_{120}^{(11)} - m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(22)}m_{030}^{(10)}
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&-m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(00)}m_{021}^{(22)}+2m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(10)}m_{111}^{(22)}-m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(10)}m_{102}^{(21)}\\
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&-m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(11)}m_{111}^{(20)}-m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(11)}m_{102}^{(10)}-m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(11)}m_{012}^{(00)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(20)}m_{120}^{(21)}-m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(20)}m_{111}^{(11)}-m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(20)}m_{021}^{(10)}\\
&+3m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(21)}m_{111}^{(10)}+m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(21)}m_{021}^{(00)}-m_{000}^{(22)}m_{100}^{(20)}m_{111}^{(00)}m_{111}^{(21)}m_{030}^{(21)}\\
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&+m_{000}^{(22)}m_{100}^{(20)}m_{111}^{(20)}m_{030}^{(10)}-m_{000}^{(22)}m_{100}^{(20)}m_{111}^{(21)}m_{030}^{(00)}+m_{000}^{(22)}m_{100}^{(20)}m_{102}^{(00)}m_{030}^{(11)}\\
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&-m_{000}^{(22)}m_{100}^{(21)}m_{300}^{(11)}m_{012}^{(10)}-m_{000}^{(22)}m_{100}^{(21)}m_{300}^{(20)}m_{030}^{(21)}-m_{000}^{(22)}m_{100}^{(21)}m_{300}^{(20)}m_{021}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{300}^{(22)}m_{030}^{(10)}-m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(00)}m_{030}^{(22)}-m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(00)}m_{021}^{(21)}\\
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&+2m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(20)}m_{030}^{(20)}+m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(20)}m_{021}^{(10)}-m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(21)}m_{120}^{(20)}
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&+m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(21)}m_{111}^{(10)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(22)}m_{120}^{(10)} - m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(22)}m_{030}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(00)}m_{030}^{(21)} + m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(00)}m_{021}^{(11)} - m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(10)}m_{120}^{(21)}\\
&-2m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(10)}m_{111}^{(11)} - m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(10)}m_{021}^{(10)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(11)}m_{111}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(20)}m_{120}^{(11)} - m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(20)}m_{030}^{(10)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(00)}m_{120}^{(22)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(00)}m_{111}^{(21)} + m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(10)}m_{111}^{(20)} + m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(10)}m_{102}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(11)}m_{102}^{(00)} - 2m_{000}^{(22)}m_{100}^{(21)}(m_{120}^{(20)})^2 - m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(20)}m_{111}^{(10)}\\
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&+2m_{000}^{(22)}m_{100}^{(22)}m_{210}^{(10)}m_{111}^{(11)} - m_{000}^{(22)}m_{100}^{(22)}m_{210}^{(10)}m_{030}^{(20)} + m_{000}^{(22)}m_{100}^{(22)}m_{210}^{(10)}m_{021}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(22)}m_{210}^{(11)}m_{120}^{(20)} - 2m_{000}^{(22)}m_{100}^{(22)}m_{210}^{(11)}m_{111}^{(10)} - m_{000}^{(22)}m_{100}^{(22)}m_{210}^{(11)}m_{021}^{(00)}\\
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&+m_{000}^{(22)}m_{100}^{(22)}m_{210}^{(21)}m_{030}^{(00)} - m_{000}^{(22)}m_{100}^{(22)}m_{201}^{(00)}m_{030}^{(11)} + m_{000}^{(22)}m_{100}^{(22)}m_{201}^{(10)}m_{120}^{(11)}\\
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&+2m_{000}^{(22)}m_{010}^{(00)}m_{201}^{(21)}m_{120}^{(21)} - m_{000}^{(22)}m_{010}^{(00)}m_{201}^{(22)}m_{111}^{(11)} + m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(10)}m_{111}^{(22)}\\
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&+m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(20)}m_{102}^{(11)} + m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(20)}m_{012}^{(10)} + m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(21)}m_{111}^{(20)}\\
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&+2m_{000}^{(22)}m_{010}^{(10)}m_{300}^{(21)}m_{111}^{(21)} - m_{000}^{(22)}m_{010}^{(10)}m_{300}^{(22)}m_{111}^{(11)} + m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(00)}m_{021}^{(22)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(00)}m_{012}^{(21)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(10)}m_{111}^{(22)} + m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(10)}m_{102}^{(21)}\\
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&-m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(21)}m_{111}^{(10)} + m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(22)}m_{120}^{(10)} - m_{000}^{(22)}m_{010}^{(10)}m_{120}^{(00)}m_{111}^{(22)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{120}^{(00)}m_{102}^{(21)} + m_{000}^{(22)}m_{010}^{(10)}m_{120}^{(00)}m_{012}^{(20)} - m_{000}^{(22)}m_{010}^{(10)}m_{120}^{(10)}m_{102}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{120}^{(20)}m_{012}^{(00)} + m_{000}^{(22)}m_{010}^{(10)}m_{120}^{(22)}m_{111}^{(00)} - m_{000}^{(22)}m_{010}^{(10)}m_{111}^{(00)}m_{111}^{(21)}\\
&-2m_{000}^{(22)}m_{010}^{(10)}m_{111}^{(00)}m_{021}^{(20)} + m_{000}^{(22)}m_{010}^{(10)}m_{111}^{(10)}m_{111}^{(20)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{111}^{(20)}m_{021}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{102}^{(00)}m_{030}^{(20)} - m_{000}^{(22)}m_{010}^{(10)}m_{102}^{(20)}m_{030}^{(00)} - m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(00)}m_{021}^{(22)}
\end{aligned}
$$

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\begin{aligned}
&+m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(00)}m_{012}^{(21)}+m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(10)}m_{111}^{(22)}-m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(20)}m_{111}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(20)}m_{021}^{(20)}-m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(20)}m_{012}^{(10)}-m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(21)}m_{111}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(22)}m_{111}^{(10)}+m_{000}^{(22)}m_{010}^{(11)}m_{210}^{(00)}m_{111}^{(22)}-m_{000}^{(22)}m_{010}^{(11)}m_{210}^{(00)}m_{102}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{210}^{(00)}m_{012}^{(20)}-m_{000}^{(22)}m_{010}^{(11)}m_{210}^{(10)}m_{201}^{(22)}+m_{000}^{(22)}m_{010}^{(11)}m_{210}^{(20)}m_{201}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{210}^{(20)}m_{102}^{(10)}+m_{000}^{(22)}m_{010}^{(11)}m_{210}^{(20)}m_{012}^{(00)}+m_{000}^{(22)}m_{010}^{(11)}m_{210}^{(21)}m_{201}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{210}^{(22)}m_{201}^{(10)}-m_{000}^{(22)}m_{010}^{(11)}m_{210}^{(22)}m_{111}^{(00)}+m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(00)}m_{120}^{(22)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(00)}m_{111}^{(21)}+m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(00)}m_{021}^{(20)}-m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(10)}m_{111}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(20)}m_{120}^{(20)}+m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(20)}m_{111}^{(10)}-m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(20)}m_{021}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(21)}m_{111}^{(00)}+m_{000}^{(22)}m_{010}^{(11)}m_{120}^{(00)}m_{102}^{(20)}-m_{000}^{(22)}m_{010}^{(11)}m_{120}^{(20)}m_{102}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{300}^{(10)}m_{030}^{(22)}+m_{000}^{(22)}m_{010}^{(20)}m_{300}^{(10)}m_{021}^{(21)}+m_{000}^{(22)}m_{010}^{(20)}m_{300}^{(11)}m_{120}^{(22)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{300}^{(20)}m_{030}^{(21)}-m_{000}^{(22)}m_{010}^{(20)}m_{300}^{(20)}m_{021}^{(11)}-2m_{000}^{(22)}m_{010}^{(20)}m_{300}^{(21)}m_{120}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{300}^{(22)}m_{120}^{(11)}-m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(00)}m_{021}^{(21)}+m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(00)}m_{012}^{(11)}\\
&+2m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(10)}m_{120}^{(22)}-m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(10)}m_{111}^{(21)}-m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(10)}m_{012}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(11)}m_{210}^{(22)}-m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(11)}m_{111}^{(20)}-2m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(20)}m_{120}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(20)}m_{111}^{(11)}+m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(20)}m_{021}^{(10)}+2m_{000}^{(22)}m_{010}^{(20)}(m_{210}^{(21)})^2\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(21)}m_{120}^{(20)}+m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(21)}m_{111}^{(10)}-m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(22)}m_{120}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(00)}m_{030}^{(21)}-m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(00)}m_{021}^{(11)}-m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(10)}m_{120}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(10)}m_{021}^{(10)}+m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(20)}m_{120}^{(11)}-m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(20)}m_{030}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(00)}m_{111}^{(21)}-m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(00)}m_{102}^{(11)}-m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(00)}m_{012}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(10)}m_{111}^{(20)}+m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(10)}m_{102}^{(10)}+m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(10)}m_{012}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(20)}m_{111}^{(10)}-m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(21)}m_{111}^{(00)}+m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(00)}m_{111}^{(11)}\\
&+2m_{000}^{(22)}m_{010}^{(20)}m_{111}^{(00)}m_{021}^{(10)}-m_{000}^{(22)}m_{010}^{(20)}(m_{111}^{(10)})^2-2m_{000}^{(22)}m_{010}^{(20)}m_{111}^{(10)}m_{021}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{102}^{(00)}m_{030}^{(10)}+m_{000}^{(22)}m_{010}^{(20)}m_{102}^{(10)}m_{030}^{(00)}+m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(00)}m_{030}^{(22)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(00)}m_{012}^{(11)}-m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(10)}m_{120}^{(22)}-m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(10)}m_{111}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(10)}m_{021}^{(20)}+m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(10)}m_{012}^{(10)}+m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(11)}m_{111}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(20)}m_{120}^{(21)}+m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(20)}m_{111}^{(11)}-m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(20)}m_{030}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(20)}m_{021}^{(10)}+m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(21)}m_{120}^{(20)}-m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(21)}m_{111}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(22)}m_{120}^{(10)}-2m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(00)}m_{120}^{(22)}+m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(00)}m_{111}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(00)}m_{102}^{(11)}+m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(00)}m_{021}^{(20)}+m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(00)}m_{012}^{(10)}\\
&+2m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(10)}m_{210}^{(22)}+m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(10)}m_{201}^{(21)}+m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(10)}m_{111}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(10)}m_{102}^{(10)}-m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(10)}m_{012}^{(00)}-m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(11)}m_{201}^{(20)}\\
&-2m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(20)}m_{210}^{(21)}-m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(20)}m_{201}^{(11)}+m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(20)}m_{120}^{(20)}\\
&-3m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(20)}m_{111}^{(10)}-m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(20)}m_{021}^{(00)}+m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(21)}m_{201}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(21)}m_{111}^{(00)}+m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(22)}m_{120}^{(00)}-m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(00)}m_{120}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(00)}m_{111}^{(11)}-m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(00)}m_{030}^{(20)}-m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(00)}m_{021}^{(10)}\\
&+2m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(10)}m_{120}^{(20)}+m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(10)}m_{021}^{(00)}-m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(11)}m_{111}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(20)}m_{030}^{(00)}-m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(21)}m_{120}^{(00)}-2m_{000}^{(22)}m_{010}^{(21)}m_{120}^{(00)}m_{111}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{120}^{(00)}m_{102}^{(10)}+m_{000}^{(22)}m_{010}^{(21)}m_{120}^{(10)}m_{102}^{(00)}+2m_{000}^{(22)}m_{010}^{(21)}m_{120}^{(20)}m_{111}^{(00)}
\end{aligned}
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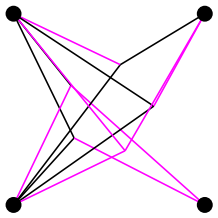
\begin{aligned}
&-m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(00)}m_{030}^{(21)} + m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(00)}m_{021}^{(11)} + m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(10)}m_{120}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(10)}m_{030}^{(20)} - m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(10)}m_{021}^{(10)} - m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(11)}m_{120}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(20)}m_{120}^{(11)} + m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(21)}m_{120}^{(10)} + 2m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(00)}m_{120}^{(21)}\\
&-2m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(00)}m_{111}^{(11)} - m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(00)}m_{021}^{(10)} - 2m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(10)}m_{210}^{(21)}\\
&-2m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(10)}m_{120}^{(20)} + 2m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(10)}m_{111}^{(10)} + m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(10)}m_{021}^{(00)}\\
&+2m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(11)}m_{210}^{(20)} + m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(20)}m_{120}^{(10)} - m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(21)}m_{120}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(22)}m_{201}^{(00)}m_{030}^{(10)} - m_{000}^{(22)}m_{010}^{(22)}m_{201}^{(10)}m_{120}^{(10)} - m_{000}^{(22)}m_{010}^{(22)}m_{201}^{(10)}m_{030}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(22)}m_{201}^{(11)}m_{120}^{(00)} + 2m_{000}^{(22)}m_{010}^{(22)}m_{120}^{(00)}m_{111}^{(10)} - 2m_{000}^{(22)}m_{010}^{(22)}m_{120}^{(10)}m_{111}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccccc}
V1 & 1 & 1 & V1 & 1 \\
V2 & 2 & V2 & 2 & 2 \\
V3 & V3 & 3 & V4 & V4
\end{array}
$$



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\begin{aligned}
T_{112} \;=\;& -m_{000}^{(00)}m_{010}^{(00)}m_{120}^{(11)}m_{003}^{(22)} + m_{000}^{(00)}m_{010}^{(00)}m_{120}^{(21)}m_{012}^{(22)} + m_{000}^{(00)}m_{010}^{(00)}m_{120}^{(21)}m_{003}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(00)}m_{120}^{(22)}m_{012}^{(21)} + m_{000}^{(00)}m_{010}^{(00)}m_{111}^{(11)}m_{012}^{(22)} + m_{000}^{(00)}m_{010}^{(00)}m_{111}^{(11)}m_{003}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(00)}m_{111}^{(21)}m_{021}^{(22)} - 2m_{000}^{(00)}m_{010}^{(00)}m_{111}^{(21)}m_{012}^{(21)} - m_{000}^{(00)}m_{010}^{(00)}m_{111}^{(21)}m_{003}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(00)}m_{111}^{(22)}m_{021}^{(21)} + m_{000}^{(00)}m_{010}^{(00)}m_{111}^{(22)}m_{012}^{(11)} - m_{000}^{(00)}m_{010}^{(00)}m_{102}^{(11)}m_{012}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(00)}m_{102}^{(21)}m_{021}^{(21)} + m_{000}^{(00)}m_{010}^{(00)}m_{102}^{(21)}m_{012}^{(11)} - m_{000}^{(00)}m_{010}^{(00)}m_{102}^{(22)}m_{021}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(00)}m_{030}^{(10)}m_{003}^{(22)} - m_{000}^{(00)}m_{010}^{(00)}m_{030}^{(20)}m_{012}^{(22)} - m_{000}^{(00)}m_{010}^{(00)}m_{030}^{(21)}m_{003}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(00)}m_{030}^{(22)}m_{012}^{(20)} - 3m_{000}^{(00)}m_{010}^{(00)}m_{021}^{(10)}m_{003}^{(21)} + 2m_{000}^{(00)}m_{010}^{(00)}m_{021}^{(11)}m_{003}^{(20)}\\
&+3m_{000}^{(00)}m_{010}^{(00)}m_{021}^{(20)}m_{012}^{(21)} - 2m_{000}^{(00)}m_{010}^{(00)}m_{021}^{(21)}m_{012}^{(20)} + m_{000}^{(00)}m_{010}^{(00)}m_{021}^{(21)}m_{003}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(00)}m_{021}^{(22)}m_{012}^{(10)} + 2m_{000}^{(00)}m_{010}^{(00)}m_{012}^{(10)}m_{012}^{(21)} + 2m_{000}^{(00)}m_{010}^{(00)}m_{012}^{(10)}m_{003}^{(11)}\\
&-2m_{000}^{(00)}m_{010}^{(00)}m_{012}^{(11)}m_{012}^{(20)} - 2m_{000}^{(00)}m_{010}^{(00)}m_{012}^{(11)}m_{003}^{(10)} + m_{000}^{(00)}m_{010}^{(10)}m_{210}^{(11)}m_{003}^{(22)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{210}^{(21)}m_{012}^{(22)} - m_{000}^{(00)}m_{010}^{(10)}m_{210}^{(21)}m_{003}^{(21)} + m_{000}^{(00)}m_{010}^{(10)}m_{210}^{(22)}m_{012}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{201}^{(11)}m_{012}^{(22)} + m_{000}^{(00)}m_{010}^{(10)}m_{201}^{(21)}m_{021}^{(22)} + m_{000}^{(00)}m_{010}^{(10)}m_{201}^{(21)}m_{012}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{201}^{(22)}m_{021}^{(21)} + m_{000}^{(00)}m_{010}^{(10)}m_{120}^{(20)}m_{012}^{(22)} - m_{000}^{(00)}m_{010}^{(10)}m_{120}^{(20)}m_{003}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{120}^{(21)}m_{102}^{(22)} + m_{000}^{(00)}m_{010}^{(10)}m_{120}^{(21)}m_{003}^{(20)} + m_{000}^{(00)}m_{010}^{(10)}m_{120}^{(22)}m_{102}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{120}^{(22)}m_{012}^{(20)} - m_{000}^{(00)}m_{010}^{(10)}m_{111}^{(10)}m_{012}^{(22)} + m_{000}^{(00)}m_{010}^{(10)}m_{111}^{(10)}m_{003}^{(21)}
\end{aligned}
$$

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\begin{aligned}
&+m_{000}^{(00)}m_{010}^{(10)}m_{111}^{(11)}m_{102}^{(22)} - 3m_{000}^{(00)}m_{010}^{(10)}m_{111}^{(11)}m_{003}^{(20)} - m_{000}^{(00)}m_{010}^{(10)}m_{111}^{(20)}m_{012}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{111}^{(20)}m_{003}^{(11)} + 3m_{000}^{(00)}m_{010}^{(10)}m_{111}^{(21)}m_{012}^{(20)} + m_{000}^{(00)}m_{010}^{(10)}m_{111}^{(21)}m_{003}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{111}^{(22)}m_{102}^{(11)} - m_{000}^{(00)}m_{010}^{(10)}m_{111}^{(22)}m_{012}^{(10)} + m_{000}^{(00)}m_{010}^{(10)}m_{102}^{(10)}m_{021}^{(22)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{102}^{(10)}m_{012}^{(21)} + 3m_{000}^{(00)}m_{010}^{(10)}m_{102}^{(11)}m_{012}^{(20)} - m_{000}^{(00)}m_{010}^{(10)}m_{102}^{(20)}m_{030}^{(22)}\\
&+2m_{000}^{(00)}m_{010}^{(10)}m_{102}^{(20)}m_{021}^{(21)} - m_{000}^{(00)}m_{010}^{(10)}m_{102}^{(20)}m_{012}^{(11)} - 4m_{000}^{(00)}m_{010}^{(10)}m_{102}^{(21)}m_{021}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{102}^{(21)}m_{012}^{(10)} + m_{000}^{(00)}m_{010}^{(10)}m_{102}^{(22)}m_{030}^{(20)} + m_{000}^{(00)}m_{010}^{(10)}m_{102}^{(22)}m_{021}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{030}^{(00)}m_{003}^{(22)} + m_{000}^{(00)}m_{010}^{(10)}m_{030}^{(20)}m_{003}^{(20)} + 3m_{000}^{(00)}m_{010}^{(10)}m_{021}^{(00)}m_{003}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{021}^{(10)}m_{003}^{(20)} - m_{000}^{(00)}m_{010}^{(10)}m_{021}^{(20)}m_{012}^{(20)} - m_{000}^{(00)}m_{010}^{(10)}m_{021}^{(20)}m_{003}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{021}^{(21)}m_{003}^{(00)} + m_{000}^{(00)}m_{010}^{(10)}m_{021}^{(22)}m_{012}^{(00)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{012}^{(00)}m_{012}^{(21)}\\
&-2m_{000}^{(00)}m_{010}^{(10)}m_{012}^{(00)}m_{003}^{(11)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{012}^{(10)}m_{012}^{(20)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{012}^{(11)}m_{003}^{(00)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{210}^{(10)}m_{003}^{(22)} + m_{000}^{(00)}m_{010}^{(11)}m_{210}^{(20)}m_{003}^{(21)} + m_{000}^{(00)}m_{010}^{(11)}m_{210}^{(21)}m_{102}^{(22)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{210}^{(22)}m_{102}^{(21)} + m_{000}^{(00)}m_{010}^{(11)}m_{201}^{(10)}m_{012}^{(22)} - m_{000}^{(00)}m_{010}^{(11)}m_{201}^{(20)}m_{012}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{201}^{(21)}m_{111}^{(22)} + m_{000}^{(00)}m_{010}^{(11)}m_{201}^{(22)}m_{111}^{(21)} + m_{000}^{(00)}m_{010}^{(11)}m_{120}^{(00)}m_{003}^{(22)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{120}^{(20)}m_{102}^{(22)} - m_{000}^{(00)}m_{010}^{(11)}m_{120}^{(20)}m_{003}^{(20)} + m_{000}^{(00)}m_{010}^{(11)}m_{120}^{(22)}m_{102}^{(20)}\\
&-2m_{000}^{(00)}m_{010}^{(11)}m_{111}^{(00)}m_{003}^{(21)} - m_{000}^{(00)}m_{010}^{(11)}m_{111}^{(10)}m_{102}^{(22)} + 3m_{000}^{(00)}m_{010}^{(11)}m_{111}^{(10)}m_{003}^{(20)}\\
&+3m_{000}^{(00)}m_{010}^{(11)}m_{111}^{(20)}m_{102}^{(21)} - m_{000}^{(00)}m_{010}^{(11)}m_{111}^{(20)}m_{003}^{(10)} - 3m_{000}^{(00)}m_{010}^{(11)}m_{111}^{(21)}m_{102}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{111}^{(22)}m_{102}^{(10)} - m_{000}^{(00)}m_{010}^{(11)}m_{102}^{(00)}m_{021}^{(22)} + 2m_{000}^{(00)}m_{010}^{(11)}m_{102}^{(00)}m_{012}^{(21)}\\
&-3m_{000}^{(00)}m_{010}^{(11)}m_{102}^{(10)}m_{012}^{(20)} + m_{000}^{(00)}m_{010}^{(11)}m_{102}^{(20)}m_{021}^{(20)} + m_{000}^{(00)}m_{010}^{(11)}m_{102}^{(20)}m_{012}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{021}^{(00)}m_{003}^{(20)} + m_{000}^{(00)}m_{010}^{(11)}m_{021}^{(20)}m_{003}^{(00)} + 2m_{000}^{(00)}m_{010}^{(11)}m_{012}^{(00)}m_{003}^{(10)}\\
&-2m_{000}^{(00)}m_{010}^{(11)}m_{012}^{(10)}m_{003}^{(00)} - m_{000}^{(00)}m_{010}^{(20)}m_{210}^{(11)}m_{003}^{(21)} + m_{000}^{(00)}m_{010}^{(20)}m_{210}^{(21)}m_{012}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{210}^{(21)}m_{003}^{(11)} - m_{000}^{(00)}m_{010}^{(20)}m_{210}^{(22)}m_{012}^{(11)} + m_{000}^{(00)}m_{010}^{(20)}m_{201}^{(11)}m_{012}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{201}^{(21)}m_{021}^{(21)} - m_{000}^{(00)}m_{010}^{(20)}m_{201}^{(21)}m_{012}^{(11)} + m_{000}^{(00)}m_{010}^{(20)}m_{201}^{(22)}m_{021}^{(11)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(10)}m_{012}^{(22)} + m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(10)}m_{003}^{(21)} + m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(11)}m_{102}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(11)}m_{003}^{(20)} - m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(21)}m_{102}^{(21)} - m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(21)}m_{012}^{(20)}\\
&-2m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(21)}m_{003}^{(10)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(22)}m_{012}^{(10)} + m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(10)}m_{021}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(10)}m_{012}^{(21)} - 2m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(10)}m_{003}^{(11)} - m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(11)}m_{111}^{(22)}\\
&-2m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(11)}m_{102}^{(21)} - m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(11)}m_{012}^{(20)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(11)}m_{003}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(20)}m_{021}^{(21)} + m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(20)}m_{012}^{(11)} + m_{000}^{(00)}m_{010}^{(20)}(m_{111}^{(21)})^2\\
&+2m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(21)}m_{102}^{(11)} + m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(21)}m_{021}^{(20)} - m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(21)}m_{012}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(22)}m_{021}^{(10)} - 2m_{000}^{(00)}m_{010}^{(20)}m_{102}^{(10)}m_{021}^{(21)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{102}^{(10)}m_{012}^{(11)}\\
&-2m_{000}^{(00)}m_{010}^{(20)}m_{102}^{(11)}m_{012}^{(10)} + m_{000}^{(00)}m_{010}^{(20)}m_{102}^{(20)}m_{030}^{(21)} - m_{000}^{(00)}m_{010}^{(20)}m_{102}^{(20)}m_{021}^{(11)}\\
&+3m_{000}^{(00)}m_{010}^{(20)}m_{102}^{(21)}m_{021}^{(10)} - m_{000}^{(00)}m_{010}^{(20)}m_{102}^{(22)}m_{030}^{(10)} + m_{000}^{(00)}m_{010}^{(20)}m_{030}^{(00)}m_{012}^{(22)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{030}^{(10)}m_{003}^{(20)} + m_{000}^{(00)}m_{010}^{(20)}m_{030}^{(21)}m_{003}^{(00)} - m_{000}^{(00)}m_{010}^{(20)}m_{030}^{(22)}m_{012}^{(00)}\\
&-3m_{000}^{(00)}m_{010}^{(20)}m_{021}^{(00)}m_{012}^{(21)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{021}^{(10)}m_{012}^{(20)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{021}^{(10)}m_{003}^{(10)}\\
&-2m_{000}^{(00)}m_{010}^{(20)}m_{021}^{(11)}m_{003}^{(00)} - m_{000}^{(00)}m_{010}^{(20)}m_{021}^{(20)}m_{012}^{(10)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{021}^{(21)}m_{012}^{(00)}\\
&+2m_{000}^{(00)}m_{010}^{(20)}m_{012}^{(00)}m_{012}^{(11)} - 2m_{000}^{(00)}m_{010}^{(20)}(m_{012}^{(10)})^2 + m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(10)}m_{012}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(10)}m_{003}^{(21)} - m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(11)}m_{102}^{(22)} - m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(20)}m_{012}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(20)}m_{003}^{(11)} + m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(22)}m_{102}^{(11)} - m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(10)}m_{021}^{(22)}
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&-m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(10)}m_{012}^{(21)}+m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(11)}m_{111}^{(22)}+m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(20)}m_{021}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(20)}m_{012}^{(11)}-m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(22)}m_{111}^{(11)}-m_{000}^{(00)}m_{010}^{(21)}m_{120}^{(00)}m_{012}^{(22)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{120}^{(00)}m_{003}^{(21)}+m_{000}^{(00)}m_{010}^{(21)}m_{120}^{(10)}m_{102}^{(22)}-m_{000}^{(00)}m_{010}^{(21)}m_{120}^{(10)}m_{003}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{120}^{(20)}m_{102}^{(21)}+m_{000}^{(00)}m_{010}^{(21)}m_{120}^{(20)}m_{012}^{(20)}+2m_{000}^{(00)}m_{010}^{(21)}m_{120}^{(20)}m_{003}^{(10)}\\
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&+m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(10)}m_{111}^{(22)}-m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(10)}m_{102}^{(21)}-2m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(10)}m_{012}^{(20)}\\
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&+2m_{000}^{(00)}m_{010}^{(21)}m_{102}^{(10)}m_{012}^{(10)}-m_{000}^{(00)}m_{010}^{(21)}m_{102}^{(20)}m_{030}^{(20)}-2m_{000}^{(00)}m_{010}^{(21)}m_{102}^{(20)}m_{021}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{030}^{(00)}m_{003}^{(20)}-m_{000}^{(00)}m_{010}^{(21)}m_{030}^{(20)}m_{003}^{(00)}+m_{000}^{(00)}m_{010}^{(21)}m_{021}^{(00)}m_{012}^{(20)}\\
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&+m_{000}^{(00)}m_{010}^{(22)}m_{111}^{(20)}m_{021}^{(10)}-m_{000}^{(00)}m_{010}^{(22)}m_{102}^{(00)}m_{030}^{(21)}+2m_{000}^{(00)}m_{010}^{(22)}m_{102}^{(00)}m_{021}^{(11)}\\
&-2m_{000}^{(00)}m_{010}^{(22)}m_{102}^{(10)}m_{021}^{(10)}+m_{000}^{(00)}m_{010}^{(22)}m_{102}^{(20)}m_{030}^{(10)}-m_{000}^{(00)}m_{010}^{(22)}m_{030}^{(00)}m_{012}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{030}^{(20)}m_{012}^{(00)}+2m_{000}^{(00)}m_{010}^{(22)}m_{021}^{(00)}m_{012}^{(10)}-2m_{000}^{(00)}m_{010}^{(22)}m_{021}^{(10)}m_{012}^{(00)}\\
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&-2m_{000}^{(00)}m_{001}^{(00)}m_{030}^{(10)}m_{012}^{(22)}+m_{000}^{(00)}m_{001}^{(00)}m_{030}^{(10)}m_{003}^{(21)}-m_{000}^{(00)}m_{001}^{(00)}m_{030}^{(11)}m_{003}^{(20)}\\
&+2m_{000}^{(00)}m_{001}^{(00)}m_{030}^{(20)}m_{021}^{(22)}-m_{000}^{(00)}m_{001}^{(00)}m_{030}^{(20)}m_{012}^{(21)}+3m_{000}^{(00)}m_{001}^{(00)}m_{030}^{(21)}m_{012}^{(20)}\\
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&+m_{000}^{(00)}m_{001}^{(10)}m_{201}^{(11)}m_{021}^{(22)}-m_{000}^{(00)}m_{001}^{(10)}m_{201}^{(21)}m_{030}^{(22)}-m_{000}^{(00)}m_{001}^{(10)}m_{201}^{(21)}m_{021}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{201}^{(22)}m_{030}^{(21)}+m_{000}^{(00)}m_{001}^{(10)}m_{120}^{(10)}m_{012}^{(22)}-m_{000}^{(00)}m_{001}^{(10)}m_{120}^{(10)}m_{003}^{(21)}\\
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&+2m_{000}^{(00)}m_{001}^{(10)}m_{120}^{(20)}m_{012}^{(21)}+2m_{000}^{(00)}m_{001}^{(10)}m_{120}^{(21)}m_{111}^{(22)}+m_{000}^{(00)}m_{001}^{(10)}m_{120}^{(21)}m_{102}^{(21)}\\
&-3m_{000}^{(00)}m_{001}^{(10)}m_{120}^{(21)}m_{012}^{(20)}-2m_{000}^{(00)}m_{001}^{(10)}m_{120}^{(22)}m_{111}^{(21)}+2m_{000}^{(00)}m_{001}^{(10)}m_{120}^{(22)}m_{021}^{(20)}
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&-m_{000}^{(00)}m_{001}^{(10)}m_{111}^{(10)}m_{021}^{(22)}+m_{000}^{(00)}m_{001}^{(10)}m_{111}^{(10)}m_{012}^{(21)}+m_{000}^{(00)}m_{001}^{(10)}m_{111}^{(11)}m_{111}^{(22)}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{111}^{(11)}m_{012}^{(20)}+2m_{000}^{(00)}m_{001}^{(10)}m_{111}^{(20)}m_{030}^{(22)}-m_{000}^{(00)}m_{001}^{(10)}m_{111}^{(20)}m_{021}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(10)}m_{111}^{(20)}m_{012}^{(11)}-m_{000}^{(00)}m_{001}^{(10)}(m_{111}^{(21)})^2+m_{000}^{(00)}m_{001}^{(10)}m_{111}^{(21)}m_{021}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(10)}m_{111}^{(21)}m_{012}^{(10)}-2m_{000}^{(00)}m_{001}^{(10)}m_{111}^{(22)}m_{030}^{(20)}+m_{000}^{(00)}m_{001}^{(10)}m_{111}^{(22)}m_{021}^{(10)}\\
&-2m_{000}^{(00)}m_{001}^{(10)}m_{102}^{(11)}m_{021}^{(20)}-m_{000}^{(00)}m_{001}^{(10)}m_{102}^{(20)}m_{030}^{(21)}+m_{000}^{(00)}m_{001}^{(10)}m_{102}^{(20)}m_{021}^{(11)}\\
&+2m_{000}^{(00)}m_{001}^{(10)}m_{102}^{(21)}m_{030}^{(20)}+m_{000}^{(00)}m_{001}^{(10)}m_{102}^{(21)}m_{021}^{(10)}-m_{000}^{(00)}m_{001}^{(10)}m_{102}^{(22)}m_{030}^{(10)}\\
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&+m_{000}^{(00)}m_{001}^{(11)}m_{210}^{(22)}m_{111}^{(21)}-m_{000}^{(00)}m_{001}^{(11)}m_{201}^{(10)}m_{021}^{(22)}+m_{000}^{(00)}m_{001}^{(11)}m_{201}^{(20)}m_{021}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{201}^{(21)}m_{120}^{(22)}-m_{000}^{(00)}m_{001}^{(11)}m_{201}^{(22)}m_{120}^{(21)}-2m_{000}^{(00)}m_{001}^{(11)}m_{120}^{(00)}m_{012}^{(22)}\\
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&+2m_{000}^{(00)}m_{001}^{(11)}m_{102}^{(10)}m_{021}^{(20)}-m_{000}^{(00)}m_{001}^{(11)}m_{102}^{(20)}m_{021}^{(10)}+2m_{000}^{(00)}m_{001}^{(11)}m_{021}^{(00)}m_{012}^{(20)}\\
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&+m_{000}^{(00)}m_{001}^{(20)}m_{210}^{(11)}m_{012}^{(21)}-m_{000}^{(00)}m_{001}^{(20)}m_{210}^{(21)}m_{021}^{(21)}-m_{000}^{(00)}m_{001}^{(20)}m_{210}^{(21)}m_{012}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{210}^{(22)}m_{021}^{(11)}-m_{000}^{(00)}m_{001}^{(20)}m_{201}^{(11)}m_{021}^{(21)}+m_{000}^{(00)}m_{001}^{(20)}m_{201}^{(21)}m_{030}^{(21)}\\
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&+m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(20)}m_{021}^{(21)}-m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(20)}m_{012}^{(11)}-m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(21)}m_{102}^{(11)}\\
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&+m_{000}^{(00)}m_{001}^{(20)}m_{102}^{(10)}m_{030}^{(21)}-m_{000}^{(00)}m_{001}^{(20)}m_{102}^{(10)}m_{021}^{(11)}+m_{000}^{(00)}m_{001}^{(20)}m_{102}^{(11)}m_{021}^{(10)}\\
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&+2m_{000}^{(00)}m_{001}^{(20)}m_{021}^{(00)}m_{021}^{(21)}-m_{000}^{(00)}m_{001}^{(20)}m_{021}^{(00)}m_{012}^{(11)}-2m_{000}^{(00)}m_{001}^{(20)}m_{021}^{(10)}m_{021}^{(20)}\\
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&-m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(11)}m_{120}^{(22)} - m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(20)}m_{030}^{(21)} - m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(20)}m_{021}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(22)}m_{120}^{(11)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(00)}m_{021}^{(22)} + m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(00)}m_{012}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(00)}m_{003}^{(11)} - 3m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(10)}m_{111}^{(22)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(10)}m_{012}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(10)}m_{003}^{(10)} - m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(11)}m_{102}^{(20)} - m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(20)}m_{111}^{(21)}\\
&+2m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(20)}m_{102}^{(11)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(20)}m_{021}^{(20)} - 3m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(20)}m_{012}^{(10)}\\
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&+m_{000}^{(00)}m_{001}^{(21)}m_{102}^{(00)}m_{030}^{(21)} + m_{000}^{(00)}m_{001}^{(21)}m_{102}^{(00)}m_{021}^{(11)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{102}^{(10)}m_{030}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{102}^{(10)}m_{021}^{(10)} + m_{000}^{(00)}m_{001}^{(21)}m_{102}^{(20)}m_{030}^{(10)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{030}^{(00)}m_{012}^{(20)}\\
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&+3m_{000}^{(00)}m_{001}^{(22)}m_{120}^{(10)}m_{111}^{(21)} - m_{000}^{(00)}m_{001}^{(22)}m_{120}^{(10)}m_{102}^{(11)} - m_{000}^{(00)}m_{001}^{(22)}m_{120}^{(10)}m_{021}^{(20)}\\
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&+2m_{000}^{(00)}m_{001}^{(22)}m_{111}^{(00)}m_{030}^{(21)} + m_{000}^{(00)}m_{001}^{(22)}m_{111}^{(10)}m_{030}^{(20)} - 3m_{000}^{(00)}m_{001}^{(22)}m_{111}^{(20)}m_{030}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(22)}m_{102}^{(00)}m_{030}^{(11)} + m_{000}^{(00)}m_{001}^{(22)}m_{102}^{(10)}m_{030}^{(10)} + 2m_{000}^{(00)}m_{001}^{(22)}m_{030}^{(00)}m_{021}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(22)}m_{030}^{(00)}m_{012}^{(10)} + m_{000}^{(00)}m_{001}^{(22)}m_{030}^{(10)}m_{012}^{(00)} - 2m_{000}^{(00)}m_{001}^{(22)}m_{030}^{(20)}m_{021}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(00)}m_{120}^{(11)}m_{003}^{(22)} - m_{000}^{(10)}m_{100}^{(00)}m_{120}^{(21)}m_{012}^{(22)} - m_{000}^{(10)}m_{100}^{(00)}m_{120}^{(21)}m_{003}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(00)}m_{120}^{(22)}m_{012}^{(21)} - m_{000}^{(10)}m_{100}^{(00)}m_{111}^{(11)}m_{012}^{(22)} - m_{000}^{(10)}m_{100}^{(00)}m_{111}^{(21)}m_{003}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(00)}m_{111}^{(21)}m_{021}^{(22)} + 2m_{000}^{(10)}m_{100}^{(00)}m_{111}^{(21)}m_{012}^{(21)} + m_{000}^{(10)}m_{100}^{(00)}m_{111}^{(21)}m_{003}^{(11)}\\
&-m_{000}^{(10)}m_{100}^{(00)}m_{111}^{(22)}m_{021}^{(21)} - m_{000}^{(10)}m_{100}^{(00)}m_{111}^{(22)}m_{012}^{(11)} + m_{000}^{(10)}m_{100}^{(00)}m_{102}^{(11)}m_{012}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(00)}m_{102}^{(21)}m_{021}^{(21)} - m_{000}^{(10)}m_{100}^{(00)}m_{102}^{(21)}m_{012}^{(11)} + m_{000}^{(10)}m_{100}^{(00)}m_{102}^{(22)}m_{021}^{(11)}\\
&-m_{000}^{(10)}m_{100}^{(00)}m_{030}^{(10)}m_{003}^{(22)} + m_{000}^{(10)}m_{100}^{(00)}m_{030}^{(20)}m_{012}^{(22)} + m_{000}^{(10)}m_{100}^{(00)}m_{030}^{(21)}m_{003}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(00)}m_{030}^{(22)}m_{012}^{(20)} + 3m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(10)}m_{003}^{(21)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(11)}m_{003}^{(20)}\\
&-3m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(20)}m_{012}^{(21)} + 2m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(21)}m_{012}^{(20)} - m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(21)}m_{003}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(22)}m_{012}^{(10)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{012}^{(10)}m_{012}^{(21)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{012}^{(10)}m_{003}^{(11)}\\
&+2m_{000}^{(10)}m_{100}^{(00)}m_{012}^{(11)}m_{012}^{(20)} + 2m_{000}^{(10)}m_{100}^{(00)}m_{012}^{(11)}m_{003}^{(10)} - m_{000}^{(10)}m_{100}^{(10)}m_{210}^{(11)}m_{003}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{210}^{(21)}m_{012}^{(22)} + m_{000}^{(10)}m_{100}^{(10)}m_{210}^{(21)}m_{003}^{(21)} - m_{000}^{(10)}m_{100}^{(10)}m_{210}^{(22)}m_{012}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{201}^{(11)}m_{012}^{(22)} - m_{000}^{(10)}m_{100}^{(10)}m_{201}^{(21)}m_{021}^{(22)} - m_{000}^{(10)}m_{100}^{(10)}m_{201}^{(21)}m_{012}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{201}^{(22)}m_{021}^{(21)} - m_{000}^{(10)}m_{100}^{(10)}m_{120}^{(20)}m_{012}^{(22)} + m_{000}^{(10)}m_{100}^{(10)}m_{120}^{(20)}m_{003}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{120}^{(21)}m_{102}^{(22)} - m_{000}^{(10)}m_{100}^{(10)}m_{120}^{(21)}m_{003}^{(20)} - m_{000}^{(10)}m_{100}^{(10)}m_{120}^{(22)}m_{102}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{120}^{(22)}m_{012}^{(20)} + m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(22)}m_{012}^{(10)} - m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(10)}m_{003}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(11)}m_{102}^{(22)} + 3m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(11)}m_{003}^{(20)} + m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(20)}m_{012}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(20)}m_{003}^{(11)} - 3m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(21)}m_{012}^{(20)} - m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(21)}m_{003}^{(10)}
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&+m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(22)}m_{102}^{(11)}+m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(22)}m_{012}^{(10)}-m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(10)}m_{021}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(10)}m_{012}^{(21)}-3m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(11)}m_{012}^{(20)}+m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(20)}m_{030}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(20)}m_{021}^{(21)}+m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(20)}m_{012}^{(11)}+4m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(21)}m_{021}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(21)}m_{012}^{(10)}-m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(22)}m_{030}^{(20)}-m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(22)}m_{021}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{030}^{(00)}m_{003}^{(22)}-m_{000}^{(10)}m_{100}^{(10)}m_{030}^{(20)}m_{003}^{(20)}-3m_{000}^{(10)}m_{100}^{(10)}m_{021}^{(00)}m_{003}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{021}^{(10)}m_{003}^{(20)}+m_{000}^{(10)}m_{100}^{(10)}m_{021}^{(20)}m_{012}^{(20)}+m_{000}^{(10)}m_{100}^{(10)}m_{021}^{(20)}m_{003}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{021}^{(21)}m_{003}^{(00)}-m_{000}^{(10)}m_{100}^{(10)}m_{021}^{(22)}m_{012}^{(00)}+2m_{000}^{(10)}m_{100}^{(10)}m_{012}^{(00)}m_{012}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{012}^{(00)}m_{003}^{(11)}-2m_{000}^{(10)}m_{100}^{(10)}m_{012}^{(10)}m_{012}^{(20)}-2m_{000}^{(10)}m_{100}^{(10)}m_{012}^{(11)}m_{003}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{210}^{(10)}m_{003}^{(22)}-m_{000}^{(10)}m_{100}^{(11)}m_{210}^{(20)}m_{003}^{(21)}-m_{000}^{(10)}m_{100}^{(11)}m_{210}^{(21)}m_{102}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{210}^{(22)}m_{102}^{(21)}-m_{000}^{(10)}m_{100}^{(11)}m_{201}^{(10)}m_{012}^{(22)}+m_{000}^{(10)}m_{100}^{(11)}m_{201}^{(20)}m_{012}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{201}^{(21)}m_{111}^{(22)}-m_{000}^{(10)}m_{100}^{(11)}m_{201}^{(22)}m_{111}^{(21)}-m_{000}^{(10)}m_{100}^{(11)}m_{120}^{(00)}m_{003}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{120}^{(20)}m_{102}^{(22)}+m_{000}^{(10)}m_{100}^{(11)}m_{120}^{(20)}m_{003}^{(20)}-m_{000}^{(10)}m_{100}^{(11)}m_{120}^{(22)}m_{102}^{(20)}\\
&+2m_{000}^{(10)}m_{100}^{(11)}m_{111}^{(00)}m_{003}^{(21)}+m_{000}^{(10)}m_{100}^{(11)}m_{111}^{(10)}m_{102}^{(22)}-3m_{000}^{(10)}m_{100}^{(11)}m_{111}^{(10)}m_{003}^{(20)}\\
&-3m_{000}^{(10)}m_{100}^{(11)}m_{111}^{(20)}m_{102}^{(21)}+m_{000}^{(10)}m_{100}^{(11)}m_{111}^{(20)}m_{003}^{(10)}+3m_{000}^{(10)}m_{100}^{(11)}m_{111}^{(21)}m_{102}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{111}^{(22)}m_{102}^{(10)}+m_{000}^{(10)}m_{100}^{(11)}m_{102}^{(00)}m_{021}^{(22)}-2m_{000}^{(10)}m_{100}^{(11)}m_{102}^{(00)}m_{012}^{(21)}\\
&+3m_{000}^{(10)}m_{100}^{(11)}m_{102}^{(10)}m_{012}^{(20)}-m_{000}^{(10)}m_{100}^{(11)}m_{102}^{(20)}m_{021}^{(20)}-m_{000}^{(10)}m_{100}^{(11)}m_{102}^{(20)}m_{012}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{021}^{(00)}m_{003}^{(20)}-m_{000}^{(10)}m_{100}^{(11)}m_{021}^{(20)}m_{003}^{(00)}-2m_{000}^{(10)}m_{100}^{(11)}m_{012}^{(00)}m_{003}^{(10)}\\
&+2m_{000}^{(10)}m_{100}^{(11)}m_{012}^{(10)}m_{003}^{(00)}+m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(10)}m_{003}^{(21)}-m_{000}^{(10)}m_{100}^{(20)}m_{210}^{(21)}m_{012}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{210}^{(21)}m_{003}^{(11)}+m_{000}^{(10)}m_{100}^{(20)}m_{210}^{(22)}m_{012}^{(11)}-m_{000}^{(10)}m_{100}^{(20)}m_{201}^{(11)}m_{012}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{201}^{(21)}m_{021}^{(21)}+m_{000}^{(10)}m_{100}^{(20)}m_{201}^{(21)}m_{012}^{(11)}-m_{000}^{(10)}m_{100}^{(20)}m_{201}^{(22)}m_{021}^{(11)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(10)}m_{012}^{(22)}-m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(10)}m_{003}^{(21)}-m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(11)}m_{102}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(11)}m_{003}^{(20)}+m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(21)}m_{102}^{(21)}+m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(21)}m_{012}^{(20)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(21)}m_{003}^{(10)}-2m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(22)}m_{012}^{(10)}-m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(10)}m_{021}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(10)}m_{012}^{(21)}+2m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(10)}m_{003}^{(11)}+m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(11)}m_{111}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(11)}m_{102}^{(21)}+m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(11)}m_{012}^{(20)}-2m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(11)}m_{003}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(20)}m_{021}^{(21)}-m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(20)}m_{012}^{(11)}-m_{000}^{(10)}m_{100}^{(20)}(m_{111}^{(21)})^2\\
&-2m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(21)}m_{102}^{(11)}-m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(21)}m_{021}^{(20)}+m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(21)}m_{012}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(22)}m_{021}^{(10)}+2m_{000}^{(10)}m_{100}^{(20)}m_{102}^{(10)}m_{021}^{(21)}-2m_{000}^{(10)}m_{100}^{(20)}m_{102}^{(10)}m_{012}^{(11)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{102}^{(11)}m_{012}^{(10)}-m_{000}^{(10)}m_{100}^{(20)}m_{102}^{(20)}m_{030}^{(21)}+m_{000}^{(10)}m_{100}^{(20)}m_{102}^{(20)}m_{021}^{(11)}\\
&-3m_{000}^{(10)}m_{100}^{(20)}m_{102}^{(21)}m_{021}^{(10)}+m_{000}^{(10)}m_{100}^{(20)}m_{102}^{(22)}m_{030}^{(10)}-m_{000}^{(10)}m_{100}^{(20)}m_{030}^{(00)}m_{012}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{030}^{(10)}m_{003}^{(20)}-m_{000}^{(10)}m_{100}^{(20)}m_{030}^{(21)}m_{003}^{(00)}+m_{000}^{(10)}m_{100}^{(20)}m_{030}^{(22)}m_{012}^{(00)}\\
&+3m_{000}^{(10)}m_{100}^{(20)}m_{021}^{(00)}m_{012}^{(21)}-2m_{000}^{(10)}m_{100}^{(20)}m_{021}^{(10)}m_{012}^{(20)}-2m_{000}^{(10)}m_{100}^{(20)}m_{021}^{(10)}m_{003}^{(10)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{021}^{(11)}m_{003}^{(00)}+m_{000}^{(10)}m_{100}^{(20)}m_{021}^{(20)}m_{012}^{(10)}-2m_{000}^{(10)}m_{100}^{(20)}m_{021}^{(21)}m_{012}^{(00)}\\
&-2m_{000}^{(10)}m_{100}^{(20)}m_{012}^{(00)}m_{012}^{(11)}+2m_{000}^{(10)}m_{100}^{(20)}(m_{012}^{(10)})^2-m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(10)}m_{012}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(10)}m_{003}^{(21)}+m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(11)}m_{102}^{(22)}+m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(20)}m_{012}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(20)}m_{003}^{(11)}-m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(22)}m_{102}^{(11)}+m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(10)}m_{021}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(10)}m_{012}^{(21)}-m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(11)}m_{111}^{(22)}-m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(20)}m_{021}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(20)}m_{012}^{(11)}+m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(22)}m_{111}^{(11)}+m_{000}^{(10)}m_{100}^{(21)}m_{120}^{(00)}m_{012}^{(22)}
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&+m_{000}^{(10)}m_{100}^{(21)}m_{120}^{(00)}m_{003}^{(21)} - m_{000}^{(10)}m_{100}^{(21)}m_{120}^{(10)}m_{102}^{(22)} + m_{000}^{(10)}m_{100}^{(21)}m_{120}^{(10)}m_{003}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{120}^{(20)}m_{102}^{(21)} - m_{000}^{(10)}m_{100}^{(21)}m_{120}^{(20)}m_{012}^{(20)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{120}^{(20)}m_{003}^{(10)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{120}^{(22)}m_{102}^{(10)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(00)}m_{012}^{(21)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(00)}m_{003}^{(11)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(10)}m_{111}^{(22)} + m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(10)}m_{102}^{(21)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(10)}m_{012}^{(20)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(10)}m_{003}^{(10)} - 3m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(11)}m_{102}^{(20)} + m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(20)}m_{111}^{(21)}\\
&+3m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(20)}m_{102}^{(11)} - m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(21)}m_{102}^{(10)} - m_{000}^{(10)}m_{100}^{(21)}m_{102}^{(00)}m_{030}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{102}^{(00)}m_{021}^{(21)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{102}^{(00)}m_{012}^{(11)} - 3m_{000}^{(10)}m_{100}^{(21)}m_{102}^{(10)}m_{021}^{(20)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{102}^{(10)}m_{012}^{(10)} + m_{000}^{(10)}m_{100}^{(21)}m_{102}^{(20)}m_{030}^{(20)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{102}^{(20)}m_{021}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{030}^{(00)}m_{003}^{(20)} + m_{000}^{(10)}m_{100}^{(21)}m_{030}^{(20)}m_{003}^{(00)} - m_{000}^{(10)}m_{100}^{(21)}m_{021}^{(00)}m_{012}^{(20)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{021}^{(00)}m_{003}^{(10)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{021}^{(10)}m_{003}^{(00)} + m_{000}^{(10)}m_{100}^{(21)}m_{021}^{(20)}m_{012}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{210}^{(10)}m_{012}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{210}^{(11)}m_{102}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{210}^{(20)}m_{012}^{(11)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{210}^{(21)}m_{102}^{(11)} - m_{000}^{(10)}m_{100}^{(22)}m_{201}^{(10)}m_{021}^{(21)} + m_{000}^{(10)}m_{100}^{(22)}m_{201}^{(11)}m_{111}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{201}^{(20)}m_{021}^{(11)} - m_{000}^{(10)}m_{100}^{(22)}m_{201}^{(21)}m_{111}^{(11)} - m_{000}^{(10)}m_{100}^{(22)}m_{120}^{(00)}m_{012}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{120}^{(10)}m_{102}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{120}^{(10)}m_{012}^{(20)} + m_{000}^{(10)}m_{100}^{(22)}m_{120}^{(11)}m_{102}^{(20)}\\
&+2m_{000}^{(10)}m_{100}^{(22)}m_{120}^{(20)}m_{012}^{(10)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{120}^{(21)}m_{102}^{(10)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(00)}m_{012}^{(11)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(10)}m_{111}^{(21)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(10)}m_{102}^{(11)} + m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(10)}m_{021}^{(20)}\\
&-2m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(10)}m_{012}^{(10)} - m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(11)}m_{111}^{(20)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(11)}m_{102}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(20)}m_{021}^{(10)} + m_{000}^{(10)}m_{100}^{(22)}m_{102}^{(00)}m_{030}^{(21)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{102}^{(00)}m_{021}^{(11)}\\
&+2m_{000}^{(10)}m_{100}^{(22)}m_{102}^{(10)}m_{021}^{(10)} - m_{000}^{(10)}m_{100}^{(22)}m_{102}^{(20)}m_{030}^{(10)} + m_{000}^{(10)}m_{100}^{(22)}m_{030}^{(00)}m_{012}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{030}^{(20)}m_{012}^{(00)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{021}^{(00)}m_{012}^{(10)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{021}^{(10)}m_{012}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{210}^{(11)}m_{003}^{(22)} - m_{000}^{(10)}m_{010}^{(00)}m_{210}^{(21)}m_{012}^{(22)} - m_{000}^{(10)}m_{010}^{(00)}m_{210}^{(21)}m_{003}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{210}^{(22)}m_{012}^{(21)} - m_{000}^{(10)}m_{010}^{(00)}m_{201}^{(11)}m_{003}^{(21)} + m_{000}^{(10)}m_{010}^{(00)}m_{201}^{(21)}m_{012}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{201}^{(21)}m_{003}^{(11)} - m_{000}^{(10)}m_{010}^{(00)}m_{201}^{(22)}m_{012}^{(11)} - m_{000}^{(10)}m_{010}^{(00)}m_{120}^{(10)}m_{003}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{120}^{(20)}m_{012}^{(22)} + m_{000}^{(10)}m_{010}^{(00)}m_{120}^{(21)}m_{003}^{(20)} - m_{000}^{(10)}m_{010}^{(00)}m_{120}^{(22)}m_{012}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(00)}m_{111}^{(10)}m_{012}^{(22)} + 3m_{000}^{(10)}m_{010}^{(00)}m_{111}^{(10)}m_{003}^{(21)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{111}^{(11)}m_{003}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{111}^{(20)}m_{021}^{(22)} - 3m_{000}^{(10)}m_{010}^{(00)}m_{111}^{(20)}m_{012}^{(21)} + 3m_{000}^{(10)}m_{010}^{(00)}m_{111}^{(21)}m_{012}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(00)}m_{111}^{(21)}m_{003}^{(10)} - m_{000}^{(10)}m_{010}^{(00)}m_{111}^{(22)}m_{021}^{(20)} + m_{000}^{(10)}m_{010}^{(00)}m_{111}^{(22)}m_{012}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{102}^{(10)}m_{012}^{(21)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{102}^{(10)}m_{003}^{(11)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{102}^{(11)}m_{003}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(00)}m_{102}^{(20)}m_{021}^{(21)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{102}^{(20)}m_{012}^{(11)} - 3m_{000}^{(10)}m_{010}^{(00)}m_{102}^{(21)}m_{012}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{102}^{(22)}m_{021}^{(10)} - m_{000}^{(10)}m_{010}^{(10)}m_{300}^{(11)}m_{003}^{(22)} + m_{000}^{(10)}m_{010}^{(10)}m_{300}^{(21)}m_{012}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(10)}m_{300}^{(21)}m_{003}^{(21)} - m_{000}^{(10)}m_{010}^{(10)}m_{300}^{(22)}m_{012}^{(21)} - m_{000}^{(10)}m_{010}^{(10)}m_{210}^{(20)}m_{012}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(10)}m_{210}^{(20)}m_{003}^{(21)} + m_{000}^{(10)}m_{010}^{(10)}m_{210}^{(21)}m_{102}^{(22)} - m_{000}^{(10)}m_{010}^{(10)}m_{210}^{(21)}m_{003}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(10)}m_{210}^{(22)}m_{102}^{(21)} + m_{000}^{(10)}m_{010}^{(10)}m_{210}^{(22)}m_{012}^{(20)} + m_{000}^{(10)}m_{010}^{(10)}m_{201}^{(10)}m_{012}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(10)}m_{201}^{(10)}m_{003}^{(21)} + 3m_{000}^{(10)}m_{010}^{(10)}m_{201}^{(11)}m_{003}^{(20)} - m_{000}^{(10)}m_{010}^{(10)}m_{201}^{(20)}m_{021}^{(22)}\\
&+2m_{000}^{(10)}m_{010}^{(10)}m_{201}^{(20)}m_{012}^{(21)} - m_{000}^{(10)}m_{010}^{(10)}m_{201}^{(20)}m_{003}^{(11)} - m_{000}^{(10)}m_{010}^{(10)}m_{201}^{(21)}m_{102}^{(21)}\\
&-4m_{000}^{(10)}m_{010}^{(10)}m_{201}^{(21)}m_{012}^{(20)} - m_{000}^{(10)}m_{010}^{(10)}m_{201}^{(21)}m_{003}^{(10)} + m_{000}^{(10)}m_{010}^{(10)}m_{201}^{(22)}m_{102}^{(11)}\\
&+m_{000}^{(10)}m_{010}^{(10)}m_{201}^{(22)}m_{021}^{(20)} + m_{000}^{(10)}m_{010}^{(10)}m_{201}^{(22)}m_{012}^{(10)} + m_{000}^{(10)}m_{010}^{(10)}m_{120}^{(00)}m_{003}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(10)}m_{120}^{(20)}m_{102}^{(22)} - m_{000}^{(10)}m_{010}^{(10)}m_{120}^{(20)}m_{003}^{(20)} + m_{000}^{(10)}m_{010}^{(10)}m_{120}^{(22)}m_{102}^{(20)}
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$$+m_{000}^{(10)}m_{010}^{(10)}m_{111}^{(00)}m_{012}^{(22)} - 3m_{000}^{(10)}m_{010}^{(10)}m_{111}^{(00)}m_{003}^{(21)} - m_{000}^{(10)}m_{010}^{(10)}m_{111}^{(10)}m_{102}^{(22)}$$
$$+m_{000}^{(10)}m_{010}^{(10)}m_{111}^{(10)}m_{003}^{(20)} + 3m_{000}^{(10)}m_{010}^{(10)}m_{111}^{(20)}m_{102}^{(21)} + m_{000}^{(10)}m_{010}^{(10)}m_{111}^{(20)}m_{003}^{(10)}$$
$$-m_{000}^{(10)}m_{010}^{(10)}m_{111}^{(21)}m_{102}^{(20)} + m_{000}^{(10)}m_{010}^{(10)}m_{111}^{(21)}m_{003}^{(00)} - m_{000}^{(10)}m_{010}^{(10)}m_{111}^{(22)}m_{102}^{(10)}$$
$$-m_{000}^{(10)}m_{010}^{(10)}m_{111}^{(22)}m_{012}^{(00)} - m_{000}^{(10)}m_{010}^{(10)}m_{102}^{(00)}m_{012}^{(21)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{102}^{(00)}m_{003}^{(11)}$$
$$+2m_{000}^{(10)}m_{010}^{(10)}m_{102}^{(10)}m_{102}^{(21)} - m_{000}^{(10)}m_{010}^{(10)}m_{102}^{(10)}m_{012}^{(20)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{102}^{(11)}m_{102}^{(20)}$$
$$-2m_{000}^{(10)}m_{010}^{(10)}m_{102}^{(11)}m_{003}^{(00)} + m_{000}^{(10)}m_{010}^{(10)}m_{102}^{(20)}m_{021}^{(20)} - m_{000}^{(10)}m_{010}^{(10)}m_{102}^{(20)}m_{012}^{(10)}$$
$$+3m_{000}^{(10)}m_{010}^{(10)}m_{102}^{(21)}m_{012}^{(00)} - m_{000}^{(10)}m_{010}^{(10)}m_{102}^{(22)}m_{021}^{(00)} + m_{000}^{(10)}m_{010}^{(11)}m_{300}^{(10)}m_{003}^{(22)}$$
$$-m_{000}^{(10)}m_{010}^{(11)}m_{300}^{(20)}m_{003}^{(21)} - m_{000}^{(10)}m_{010}^{(11)}m_{300}^{(21)}m_{102}^{(22)} + m_{000}^{(10)}m_{010}^{(11)}m_{300}^{(22)}m_{102}^{(21)}$$
$$-m_{000}^{(10)}m_{010}^{(11)}m_{210}^{(00)}m_{003}^{(22)} + m_{000}^{(10)}m_{010}^{(11)}m_{210}^{(20)}m_{102}^{(22)} + m_{000}^{(10)}m_{010}^{(11)}m_{210}^{(20)}m_{003}^{(20)}$$
$$-m_{000}^{(10)}m_{010}^{(11)}m_{210}^{(22)}m_{102}^{(20)} - m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(00)}m_{012}^{(22)} + 2m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(00)}m_{003}^{(21)}$$
$$-3m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(10)}m_{003}^{(20)} + m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(20)}m_{111}^{(22)} - 2m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(20)}m_{102}^{(21)}$$
$$+m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(20)}m_{012}^{(20)} + m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(20)}m_{003}^{(10)} + 3m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(21)}m_{102}^{(20)}$$
$$-m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(22)}m_{111}^{(20)} - m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(22)}m_{102}^{(10)} + m_{000}^{(10)}m_{010}^{(11)}m_{111}^{(00)}m_{102}^{(22)}$$
$$+m_{000}^{(10)}m_{010}^{(11)}m_{111}^{(00)}m_{003}^{(20)} - 2m_{000}^{(10)}m_{010}^{(11)}m_{111}^{(20)}m_{102}^{(20)} - m_{000}^{(10)}m_{010}^{(11)}m_{111}^{(20)}m_{003}^{(00)}$$
$$+m_{000}^{(10)}m_{010}^{(11)}m_{111}^{(22)}m_{102}^{(00)} - 2m_{000}^{(10)}m_{010}^{(11)}m_{102}^{(00)}m_{102}^{(21)} + m_{000}^{(10)}m_{010}^{(11)}m_{102}^{(00)}m_{012}^{(20)}$$
$$-2m_{000}^{(10)}m_{010}^{(11)}m_{102}^{(00)}m_{003}^{(10)} + 2m_{000}^{(10)}m_{010}^{(11)}m_{102}^{(10)}m_{102}^{(20)} + 2m_{000}^{(10)}m_{010}^{(11)}m_{102}^{(10)}m_{003}^{(00)}$$
$$-m_{000}^{(10)}m_{010}^{(11)}m_{102}^{(20)}m_{012}^{(00)} + m_{000}^{(10)}m_{010}^{(20)}m_{300}^{(11)}m_{003}^{(21)} - m_{000}^{(10)}m_{010}^{(20)}m_{300}^{(21)}m_{012}^{(21)}$$
$$-m_{000}^{(10)}m_{010}^{(20)}m_{300}^{(21)}m_{003}^{(11)} + m_{000}^{(10)}m_{010}^{(20)}m_{300}^{(22)}m_{012}^{(11)} + m_{000}^{(10)}m_{010}^{(20)}m_{210}^{(10)}m_{012}^{(22)}$$
$$-m_{000}^{(10)}m_{010}^{(20)}m_{210}^{(10)}m_{003}^{(21)} - m_{000}^{(10)}m_{010}^{(20)}m_{210}^{(11)}m_{102}^{(22)} - m_{000}^{(10)}m_{010}^{(20)}m_{210}^{(11)}m_{003}^{(20)}$$
$$+m_{000}^{(10)}m_{010}^{(20)}m_{210}^{(21)}m_{102}^{(21)} + m_{000}^{(10)}m_{010}^{(20)}m_{210}^{(21)}m_{012}^{(20)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{210}^{(21)}m_{003}^{(10)}$$
$$-2m_{000}^{(10)}m_{010}^{(20)}m_{210}^{(22)}m_{012}^{(10)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{201}^{(10)}m_{012}^{(21)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{201}^{(10)}m_{003}^{(11)}$$
$$+m_{000}^{(10)}m_{010}^{(20)}m_{201}^{(11)}m_{102}^{(21)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{201}^{(11)}m_{003}^{(10)} + m_{000}^{(10)}m_{010}^{(20)}m_{201}^{(20)}m_{021}^{(21)}$$
$$-m_{000}^{(10)}m_{010}^{(20)}m_{201}^{(20)}m_{012}^{(11)} - m_{000}^{(10)}m_{010}^{(20)}m_{201}^{(21)}m_{102}^{(11)} + 3m_{000}^{(10)}m_{010}^{(20)}m_{201}^{(21)}m_{012}^{(10)}$$
$$-m_{000}^{(10)}m_{010}^{(20)}m_{201}^{(22)}m_{021}^{(10)} - m_{000}^{(10)}m_{010}^{(20)}m_{120}^{(00)}m_{012}^{(22)} + m_{000}^{(10)}m_{010}^{(20)}m_{120}^{(10)}m_{102}^{(22)}$$
$$+m_{000}^{(10)}m_{010}^{(20)}m_{120}^{(10)}m_{003}^{(20)} - m_{000}^{(10)}m_{010}^{(20)}m_{120}^{(21)}m_{102}^{(20)} - m_{000}^{(10)}m_{010}^{(20)}m_{120}^{(21)}m_{003}^{(00)}$$
$$+m_{000}^{(10)}m_{010}^{(20)}m_{120}^{(22)}m_{012}^{(00)} - m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(00)}m_{021}^{(22)} + 3m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(00)}m_{012}^{(21)}$$
$$+m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(10)}m_{111}^{(22)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(10)}m_{102}^{(21)} - m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(10)}m_{012}^{(20)}$$
$$-2m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(10)}m_{003}^{(10)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(11)}m_{102}^{(20)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(11)}m_{003}^{(00)}$$
$$-m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(20)}m_{111}^{(21)} + m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(20)}m_{012}^{(10)} - 3m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(21)}m_{012}^{(00)}$$
$$+m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(22)}m_{021}^{(00)} + m_{000}^{(10)}m_{010}^{(20)}m_{102}^{(00)}m_{021}^{(21)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{102}^{(00)}m_{012}^{(11)}$$
$$+2m_{000}^{(10)}m_{010}^{(20)}m_{102}^{(10)}m_{012}^{(10)} - m_{000}^{(10)}m_{010}^{(20)}m_{102}^{(20)}m_{021}^{(10)} - m_{000}^{(10)}m_{010}^{(21)}m_{300}^{(10)}m_{012}^{(22)}$$
$$-m_{000}^{(10)}m_{010}^{(21)}m_{300}^{(10)}m_{003}^{(21)} + m_{000}^{(10)}m_{010}^{(21)}m_{300}^{(11)}m_{102}^{(22)} + m_{000}^{(10)}m_{010}^{(21)}m_{300}^{(20)}m_{012}^{(21)}$$
$$+m_{000}^{(10)}m_{010}^{(21)}m_{300}^{(20)}m_{003}^{(11)} - m_{000}^{(10)}m_{010}^{(21)}m_{300}^{(22)}m_{102}^{(11)} + m_{000}^{(10)}m_{010}^{(21)}m_{210}^{(00)}m_{012}^{(22)}$$
$$+m_{000}^{(10)}m_{010}^{(21)}m_{210}^{(00)}m_{003}^{(21)} - m_{000}^{(10)}m_{010}^{(21)}m_{210}^{(10)}m_{102}^{(22)} + m_{000}^{(10)}m_{010}^{(21)}m_{210}^{(10)}m_{003}^{(20)}$$
$$-m_{000}^{(10)}m_{010}^{(21)}m_{210}^{(20)}m_{102}^{(21)} - m_{000}^{(10)}m_{010}^{(21)}m_{210}^{(20)}m_{012}^{(20)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{210}^{(20)}m_{003}^{(10)}$$
$$+2m_{000}^{(10)}m_{010}^{(21)}m_{210}^{(22)}m_{102}^{(10)} + m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(00)}m_{021}^{(22)} - m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(00)}m_{012}^{(21)}$$
$$-2m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(00)}m_{003}^{(11)} - m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(10)}m_{111}^{(22)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(10)}m_{102}^{(21)}$$
$$+3m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(10)}m_{012}^{(20)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(10)}m_{003}^{(10)} - 3m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(11)}m_{102}^{(20)}$$

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\begin{aligned}
&-m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(20)}m_{111}^{(21)}+2m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(20)}m_{102}^{(11)}-m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(20)}m_{021}^{(20)}\\
&-2m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(20)}m_{012}^{(10)}+m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(21)}m_{111}^{(20)}-m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(21)}m_{102}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(22)}m_{111}^{(10)}-m_{000}^{(10)}m_{010}^{(21)}m_{120}^{(00)}m_{003}^{(20)}+m_{000}^{(10)}m_{010}^{(21)}m_{120}^{(20)}m_{102}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{120}^{(20)}m_{003}^{(00)}-m_{000}^{(10)}m_{010}^{(21)}m_{120}^{(22)}m_{102}^{(00)}-m_{000}^{(10)}m_{010}^{(21)}m_{111}^{(00)}m_{111}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{111}^{(00)}m_{102}^{(21)}-2m_{000}^{(10)}m_{010}^{(21)}m_{111}^{(00)}m_{012}^{(20)}+2m_{000}^{(10)}m_{010}^{(21)}m_{111}^{(00)}m_{003}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{111}^{(10)}m_{102}^{(20)}-2m_{000}^{(10)}m_{010}^{(21)}m_{111}^{(10)}m_{003}^{(00)}+m_{000}^{(10)}m_{010}^{(21)}(m_{111}^{(20)})^2\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{111}^{(20)}m_{102}^{(10)}+2m_{000}^{(10)}m_{010}^{(21)}m_{111}^{(20)}m_{012}^{(00)}+m_{000}^{(10)}m_{010}^{(21)}m_{111}^{(21)}m_{102}^{(00)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{102}^{(00)}m_{102}^{(11)}-m_{000}^{(10)}m_{010}^{(21)}m_{102}^{(00)}m_{021}^{(20)}+2m_{000}^{(10)}m_{010}^{(21)}m_{102}^{(00)}m_{012}^{(10)}\\
&-2m_{000}^{(10)}m_{010}^{(21)}(m_{102}^{(10)})^2-2m_{000}^{(10)}m_{010}^{(21)}m_{102}^{(10)}m_{012}^{(00)}+m_{000}^{(10)}m_{010}^{(21)}m_{102}^{(20)}m_{021}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{300}^{(10)}m_{012}^{(21)}-m_{000}^{(10)}m_{010}^{(22)}m_{300}^{(11)}m_{102}^{(21)}-m_{000}^{(10)}m_{010}^{(22)}m_{300}^{(20)}m_{012}^{(11)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{300}^{(21)}m_{102}^{(11)}-m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(00)}m_{012}^{(21)}+m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(10)}m_{102}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(10)}m_{012}^{(20)}+m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(11)}m_{102}^{(20)}+2m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(20)}m_{012}^{(10)}\\
&-2m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(21)}m_{102}^{(10)}-m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(00)}m_{021}^{(21)}+2m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(00)}m_{012}^{(11)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(10)}m_{111}^{(21)}-2m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(10)}m_{102}^{(11)}-2m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(10)}m_{012}^{(10)}\\
&+2m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(11)}m_{102}^{(10)}+m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(20)}m_{021}^{(10)}-m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(21)}m_{111}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{120}^{(00)}m_{012}^{(20)}-m_{000}^{(10)}m_{010}^{(22)}m_{120}^{(10)}m_{102}^{(20)}-m_{000}^{(10)}m_{010}^{(22)}m_{120}^{(20)}m_{012}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{120}^{(21)}m_{102}^{(00)}+m_{000}^{(10)}m_{010}^{(22)}m_{111}^{(00)}m_{111}^{(21)}+m_{000}^{(10)}m_{010}^{(22)}m_{111}^{(00)}m_{021}^{(20)}\\
&-2m_{000}^{(10)}m_{010}^{(22)}m_{111}^{(00)}m_{012}^{(10)}-m_{000}^{(10)}m_{010}^{(22)}m_{111}^{(10)}m_{111}^{(20)}+2m_{000}^{(10)}m_{010}^{(22)}m_{111}^{(10)}m_{102}^{(10)}\\
&+2m_{000}^{(10)}m_{010}^{(22)}m_{111}^{(10)}m_{012}^{(00)}-2m_{000}^{(10)}m_{010}^{(22)}m_{111}^{(11)}m_{102}^{(00)}-m_{000}^{(10)}m_{010}^{(22)}m_{111}^{(20)}m_{021}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{210}^{(11)}m_{012}^{(22)}+m_{000}^{(10)}m_{001}^{(00)}m_{210}^{(21)}m_{021}^{(22)}+m_{000}^{(10)}m_{001}^{(00)}m_{210}^{(21)}m_{012}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{210}^{(22)}m_{021}^{(21)}+m_{000}^{(10)}m_{001}^{(00)}m_{201}^{(11)}m_{012}^{(21)}-m_{000}^{(10)}m_{001}^{(00)}m_{201}^{(21)}m_{021}^{(21)}\\
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&-2m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(10)}m_{003}^{(21)}-3m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(11)}m_{102}^{(22)}+2m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(11)}m_{003}^{(20)}\\
&-3m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(20)}m_{021}^{(22)}+2m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(20)}m_{012}^{(21)}+3m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(21)}m_{111}^{(22)}\\
&+3m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(21)}m_{102}^{(21)}-5m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(21)}m_{012}^{(20)}-3m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(22)}m_{111}^{(21)}\\
&+3m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(22)}m_{021}^{(20)}-m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(10)}m_{021}^{(22)}-3m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(10)}m_{012}^{(21)}\\
&+2m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(10)}m_{003}^{(11)}+3m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(11)}m_{111}^{(22)}+3m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(11)}m_{102}^{(21)}\\
&-2m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(11)}m_{003}^{(10)}+m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(20)}m_{030}^{(22)}+3m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(20)}m_{021}^{(21)}\\
&-2m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(20)}m_{012}^{(11)}-3m_{000}^{(10)}m_{001}^{(00)}(m_{111}^{(21)})^2-3m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(21)}m_{102}^{(11)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(21)}m_{021}^{(20)}+5m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(21)}m_{012}^{(10)}-m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(22)}m_{030}^{(20)}\\
&-3m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(22)}m_{021}^{(10)}+m_{000}^{(10)}m_{001}^{(00)}m_{102}^{(10)}m_{021}^{(21)}-m_{000}^{(10)}m_{001}^{(00)}m_{102}^{(20)}m_{030}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{102}^{(21)}m_{021}^{(10)}+m_{000}^{(10)}m_{001}^{(00)}m_{102}^{(22)}m_{030}^{(10)}+m_{000}^{(10)}m_{001}^{(10)}m_{300}^{(11)}m_{012}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{300}^{(21)}m_{021}^{(22)}-m_{000}^{(10)}m_{001}^{(10)}m_{300}^{(21)}m_{012}^{(21)}+m_{000}^{(10)}m_{001}^{(10)}m_{300}^{(22)}m_{021}^{(21)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(10)}m_{012}^{(22)}+2m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(10)}m_{003}^{(21)}+3m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(11)}m_{102}^{(22)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(11)}m_{003}^{(20)}+3m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(20)}m_{021}^{(22)}-3m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(20)}m_{012}^{(21)}\\
&-4m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(21)}m_{111}^{(22)}-3m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(21)}m_{102}^{(21)}+5m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(21)}m_{012}^{(20)}\\
&+4m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(22)}m_{111}^{(21)}-3m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(22)}m_{021}^{(20)}+m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(10)}m_{021}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(10)}m_{012}^{(21)}-3m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(11)}m_{111}^{(22)}-m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(11)}m_{012}^{(20)}
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&-m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(20)}m_{030}^{(22)}+m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(20)}m_{012}^{(11)}+3m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(21)}m_{120}^{(22)}\\
&+4m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(21)}m_{111}^{(21)}+m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(21)}m_{012}^{(10)}-3m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(22)}m_{120}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(22)}m_{111}^{(11)}+m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(22)}m_{030}^{(20)}-m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(22)}m_{021}^{(10)}\\
&-3m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(00)}m_{012}^{(22)}+2m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(00)}m_{003}^{(21)}+2m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(10)}m_{102}^{(22)}\\
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&+3m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(20)}m_{012}^{(20)}+3m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(21)}m_{102}^{(20)}-4m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(22)}m_{111}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(00)}m_{021}^{(22)}+3m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(00)}m_{012}^{(21)}-2m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(00)}m_{003}^{(11)}\\
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&+2m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(11)}m_{003}^{(00)}+5m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(20)}m_{102}^{(11)}-4m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(20)}m_{021}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(20)}m_{012}^{(10)}+m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(21)}m_{102}^{(10)}-5m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(21)}m_{012}^{(00)}\\
&+3m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(22)}m_{021}^{(00)}-m_{000}^{(10)}m_{001}^{(10)}m_{102}^{(00)}m_{021}^{(21)}-m_{000}^{(10)}m_{001}^{(10)}m_{102}^{(10)}m_{021}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{102}^{(20)}m_{030}^{(20)}+m_{000}^{(10)}m_{001}^{(10)}m_{102}^{(20)}m_{021}^{(10)}+m_{000}^{(10)}m_{001}^{(10)}m_{102}^{(21)}m_{021}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{102}^{(22)}m_{030}^{(00)}-m_{000}^{(10)}m_{001}^{(11)}m_{300}^{(10)}m_{012}^{(22)}+m_{000}^{(10)}m_{001}^{(11)}m_{300}^{(20)}m_{012}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{300}^{(21)}m_{111}^{(22)}-m_{000}^{(10)}m_{001}^{(11)}m_{300}^{(22)}m_{111}^{(21)}+3m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(00)}m_{012}^{(22)}\\
&-2m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(00)}m_{003}^{(21)}-3m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(10)}m_{102}^{(22)}+2m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(10)}m_{003}^{(20)}\\
&-3m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(20)}m_{111}^{(22)}+5m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(20)}m_{102}^{(21)}-3m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(20)}m_{012}^{(20)}\\
&+3m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(21)}m_{201}^{(22)}-2m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(21)}m_{102}^{(20)}-3m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(22)}m_{201}^{(21)}\\
&+3m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(22)}m_{111}^{(20)}-m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(00)}m_{021}^{(22)}+3m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(10)}m_{111}^{(22)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(10)}m_{012}^{(20)}+m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(20)}m_{120}^{(22)}-3m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(20)}m_{111}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(20)}m_{021}^{(20)}-m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(20)}m_{012}^{(10)}-m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(21)}m_{111}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(22)}m_{120}^{(20)}+m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(22)}m_{111}^{(10)}+m_{000}^{(10)}m_{001}^{(11)}m_{120}^{(00)}m_{102}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{120}^{(20)}m_{102}^{(20)}-3m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(00)}m_{111}^{(22)}-3m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(00)}m_{012}^{(20)}\\
&+2m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(00)}m_{003}^{(10)}+3m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(10)}m_{102}^{(20)}-2m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(10)}m_{003}^{(00)}\\
&+3m_{000}^{(10)}m_{001}^{(11)}(m_{111}^{(20)})^2-5m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(20)}m_{102}^{(10)}+3m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(20)}m_{012}^{(00)}\\
&+2m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(21)}m_{102}^{(00)}+m_{000}^{(10)}m_{001}^{(11)}m_{102}^{(00)}m_{021}^{(20)}-m_{000}^{(10)}m_{001}^{(11)}m_{102}^{(20)}m_{021}^{(00)}\\
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&-2m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(10)}m_{003}^{(11)}+m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(11)}m_{111}^{(22)}-3m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(11)}m_{102}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(11)}m_{012}^{(20)}+2m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(11)}m_{003}^{(10)}-2m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(20)}m_{021}^{(21)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(20)}m_{012}^{(11)}+2m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(21)}m_{111}^{(21)}+3m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(21)}m_{102}^{(11)}\\
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&+4m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(22)}m_{021}^{(10)}+2m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(11)}m_{111}^{(21)}+m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(20)}m_{030}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(20)}m_{021}^{(11)}-3m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(21)}m_{120}^{(21)}-2m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(21)}m_{111}^{(11)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(21)}m_{021}^{(10)}+3m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(22)}m_{120}^{(11)}-m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(22)}m_{030}^{(10)}\\
&+3m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(00)}m_{021}^{(22)}-2m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(00)}m_{012}^{(21)}-6m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(10)}m_{111}^{(22)}\\
&+3m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(10)}m_{102}^{(21)}-m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(10)}m_{012}^{(20)}+2m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(10)}m_{003}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(11)}m_{102}^{(20)}-2m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(11)}m_{003}^{(00)}+2m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(20)}m_{111}^{(21)}\\
&-2m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(20)}m_{012}^{(10)}-4m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(21)}m_{102}^{(10)}+5m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(21)}m_{012}^{(00)}
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&+4m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(22)}m_{111}^{(10)} - 3m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(22)}m_{021}^{(00)} - m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(00)}m_{030}^{(22)}\\
&-3m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(00)}m_{021}^{(21)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(00)}m_{012}^{(11)} + 3m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(10)}m_{111}^{(21)}\\
&-2m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(10)}m_{102}^{(11)} + m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(10)}m_{021}^{(20)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(10)}m_{012}^{(10)}\\
&-3m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(11)}m_{111}^{(20)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(11)}m_{102}^{(10)} + 3m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(20)}m_{021}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(21)}m_{021}^{(00)} + m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(22)}m_{030}^{(00)} + m_{000}^{(10)}m_{001}^{(20)}m_{102}^{(00)}m_{030}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{102}^{(20)}m_{030}^{(10)} + m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(10)}m_{021}^{(22)} + m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(10)}m_{012}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(11)}m_{111}^{(22)} - m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(20)}m_{021}^{(21)} - m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(20)}m_{012}^{(11)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(22)}m_{111}^{(11)} - 3m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(00)}m_{021}^{(22)} - m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(00)}m_{012}^{(21)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(00)}m_{003}^{(11)} + 6m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(10)}m_{111}^{(22)} + m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(10)}m_{102}^{(21)}\\
&-3m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(10)}m_{012}^{(20)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(10)}m_{003}^{(10)} - 3m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(11)}m_{201}^{(22)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(11)}m_{102}^{(20)} - 5m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(20)}m_{102}^{(11)} + 3m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(20)}m_{021}^{(20)}\\
&+4m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(20)}m_{012}^{(10)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(21)}m_{111}^{(20)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(21)}m_{102}^{(10)}\\
&+3m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(22)}m_{201}^{(11)} - 4m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(22)}m_{111}^{(10)} + m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(00)}m_{030}^{(22)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(00)}m_{021}^{(21)} - 4m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(10)}m_{120}^{(22)} - 3m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(10)}m_{111}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(10)}m_{021}^{(20)} + m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(11)}m_{111}^{(20)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(20)}m_{120}^{(21)}\\
&+3m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(20)}m_{111}^{(11)} - m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(20)}m_{030}^{(20)} + m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(21)}m_{120}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(21)}m_{111}^{(10)} + m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(22)}m_{120}^{(10)} - m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(00)}m_{111}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(00)}m_{102}^{(21)} + 3m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(00)}m_{012}^{(20)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(00)}m_{003}^{(10)}\\
&-3m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(10)}m_{102}^{(20)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(10)}m_{003}^{(00)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(20)}m_{111}^{(20)}\\
&+6m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(20)}m_{102}^{(10)} - 3m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(20)}m_{012}^{(00)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(21)}m_{102}^{(00)}\\
&+3m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(22)}m_{111}^{(00)} + 3m_{000}^{(10)}m_{001}^{(21)}m_{111}^{(00)}m_{111}^{(21)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{111}^{(00)}m_{021}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(21)}m_{111}^{(00)}m_{012}^{(10)} - 3m_{000}^{(10)}m_{001}^{(21)}m_{111}^{(10)}m_{111}^{(20)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{111}^{(10)}m_{102}^{(10)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{111}^{(10)}m_{012}^{(00)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{111}^{(11)}m_{102}^{(00)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{111}^{(20)}m_{021}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{102}^{(00)}m_{030}^{(20)} + m_{000}^{(10)}m_{001}^{(21)}m_{102}^{(20)}m_{030}^{(00)} - m_{000}^{(10)}m_{001}^{(22)}m_{300}^{(10)}m_{021}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(22)}m_{300}^{(11)}m_{111}^{(21)} + m_{000}^{(10)}m_{001}^{(22)}m_{300}^{(20)}m_{021}^{(11)} - m_{000}^{(10)}m_{001}^{(22)}m_{300}^{(21)}m_{111}^{(11)}\\
&+3m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(00)}m_{021}^{(21)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(00)}m_{012}^{(11)} - 6m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(10)}m_{111}^{(21)}\\
&+2m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(10)}m_{102}^{(11)} + m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(10)}m_{021}^{(20)} + 2m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(10)}m_{012}^{(10)}\\
&+3m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(11)}m_{201}^{(21)} - m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(11)}m_{111}^{(20)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(11)}m_{102}^{(10)}\\
&+3m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(20)}m_{111}^{(11)} - 4m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(20)}m_{021}^{(10)} - 3m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(21)}m_{201}^{(11)}\\
&+4m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(21)}m_{111}^{(10)} - m_{000}^{(10)}m_{001}^{(22)}m_{201}^{(00)}m_{030}^{(21)} + 4m_{000}^{(10)}m_{001}^{(22)}m_{201}^{(10)}m_{120}^{(21)}\\
&-3m_{000}^{(10)}m_{001}^{(22)}m_{201}^{(20)}m_{120}^{(11)} + m_{000}^{(10)}m_{001}^{(22)}m_{201}^{(20)}m_{030}^{(10)} - m_{000}^{(10)}m_{001}^{(22)}m_{201}^{(21)}m_{120}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(22)}m_{120}^{(00)}m_{111}^{(21)} - 3m_{000}^{(10)}m_{001}^{(22)}m_{120}^{(00)}m_{021}^{(20)} + 2m_{000}^{(10)}m_{001}^{(22)}m_{120}^{(00)}m_{012}^{(10)}\\
&+6m_{000}^{(10)}m_{001}^{(22)}m_{120}^{(10)}m_{111}^{(20)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{120}^{(10)}m_{102}^{(10)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{120}^{(10)}m_{012}^{(00)}\\
&+2m_{000}^{(10)}m_{001}^{(22)}m_{120}^{(11)}m_{102}^{(00)} - 4m_{000}^{(10)}m_{001}^{(22)}m_{120}^{(20)}m_{111}^{(10)} + 3m_{000}^{(10)}m_{001}^{(22)}m_{120}^{(20)}m_{021}^{(00)}\\
&-3m_{000}^{(10)}m_{001}^{(22)}m_{120}^{(21)}m_{111}^{(00)} + m_{000}^{(10)}m_{001}^{(22)}m_{111}^{(00)}m_{030}^{(20)} - m_{000}^{(10)}m_{001}^{(22)}m_{111}^{(20)}m_{030}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{210}^{(11)}m_{003}^{(22)} + m_{000}^{(11)}m_{100}^{(00)}m_{210}^{(21)}m_{012}^{(22)} + m_{000}^{(11)}m_{100}^{(00)}m_{210}^{(21)}m_{003}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{210}^{(22)}m_{012}^{(21)} + m_{000}^{(11)}m_{100}^{(00)}m_{201}^{(11)}m_{003}^{(21)} - m_{000}^{(11)}m_{100}^{(00)}m_{201}^{(21)}m_{012}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{201}^{(21)}m_{003}^{(11)} + m_{000}^{(11)}m_{100}^{(00)}m_{201}^{(22)}m_{012}^{(11)} + m_{000}^{(11)}m_{100}^{(10)}m_{120}^{(22)}m_{003}^{(00)}
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&-m_{000}^{(11)}m_{100}^{(00)}m_{120}^{(20)}m_{012}^{(22)} - m_{000}^{(11)}m_{100}^{(00)}m_{120}^{(21)}m_{003}^{(20)} + m_{000}^{(11)}m_{100}^{(00)}m_{120}^{(22)}m_{012}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{111}^{(10)}m_{012}^{(22)} - 3m_{000}^{(11)}m_{100}^{(00)}m_{111}^{(10)}m_{003}^{(21)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{111}^{(11)}m_{003}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{111}^{(20)}m_{021}^{(22)} + 3m_{000}^{(11)}m_{100}^{(00)}m_{111}^{(20)}m_{012}^{(21)} - 3m_{000}^{(11)}m_{100}^{(00)}m_{111}^{(21)}m_{012}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{111}^{(21)}m_{003}^{(10)} + m_{000}^{(11)}m_{100}^{(00)}m_{111}^{(22)}m_{021}^{(20)} - m_{000}^{(11)}m_{100}^{(00)}m_{111}^{(22)}m_{012}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{102}^{(10)}m_{012}^{(21)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{102}^{(10)}m_{003}^{(11)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{102}^{(11)}m_{003}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{102}^{(20)}m_{021}^{(21)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{102}^{(20)}m_{012}^{(11)} + 3m_{000}^{(11)}m_{100}^{(00)}m_{102}^{(21)}m_{012}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{102}^{(22)}m_{021}^{(10)} + m_{000}^{(11)}m_{100}^{(10)}m_{300}^{(11)}m_{003}^{(22)} - m_{000}^{(11)}m_{100}^{(10)}m_{300}^{(21)}m_{012}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{300}^{(21)}m_{003}^{(21)} + m_{000}^{(11)}m_{100}^{(10)}m_{300}^{(22)}m_{012}^{(21)} + m_{000}^{(11)}m_{100}^{(10)}m_{210}^{(20)}m_{012}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{210}^{(20)}m_{003}^{(21)} - m_{000}^{(11)}m_{100}^{(10)}m_{210}^{(21)}m_{102}^{(22)} + m_{000}^{(11)}m_{100}^{(10)}m_{210}^{(21)}m_{003}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{210}^{(22)}m_{102}^{(21)} - m_{000}^{(11)}m_{100}^{(10)}m_{210}^{(22)}m_{012}^{(20)} - m_{000}^{(11)}m_{100}^{(10)}m_{201}^{(10)}m_{012}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{201}^{(10)}m_{003}^{(21)} - 3m_{000}^{(11)}m_{100}^{(10)}m_{201}^{(11)}m_{003}^{(20)} + m_{000}^{(11)}m_{100}^{(10)}m_{201}^{(20)}m_{021}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{201}^{(20)}m_{012}^{(21)} + m_{000}^{(11)}m_{100}^{(10)}m_{201}^{(20)}m_{003}^{(11)} + m_{000}^{(11)}m_{100}^{(10)}m_{201}^{(21)}m_{102}^{(21)}\\
&+4m_{000}^{(11)}m_{100}^{(10)}m_{201}^{(21)}m_{012}^{(20)} + m_{000}^{(11)}m_{100}^{(10)}m_{201}^{(21)}m_{003}^{(10)} - m_{000}^{(11)}m_{100}^{(10)}m_{201}^{(22)}m_{102}^{(11)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{201}^{(22)}m_{021}^{(20)} - m_{000}^{(11)}m_{100}^{(10)}m_{201}^{(22)}m_{012}^{(10)} - m_{000}^{(11)}m_{100}^{(10)}m_{120}^{(00)}m_{003}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{120}^{(20)}m_{102}^{(22)} + m_{000}^{(11)}m_{100}^{(10)}m_{120}^{(20)}m_{003}^{(20)} - m_{000}^{(11)}m_{100}^{(10)}m_{120}^{(22)}m_{102}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{111}^{(00)}m_{012}^{(22)} + 3m_{000}^{(11)}m_{100}^{(10)}m_{111}^{(00)}m_{003}^{(21)} + m_{000}^{(11)}m_{100}^{(10)}m_{111}^{(10)}m_{102}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{111}^{(10)}m_{003}^{(20)} - 3m_{000}^{(11)}m_{100}^{(10)}m_{111}^{(20)}m_{102}^{(21)} - m_{000}^{(11)}m_{100}^{(10)}m_{111}^{(20)}m_{003}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{111}^{(21)}m_{102}^{(20)} - m_{000}^{(11)}m_{100}^{(10)}m_{111}^{(21)}m_{003}^{(00)} + m_{000}^{(11)}m_{100}^{(10)}m_{111}^{(22)}m_{102}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{111}^{(22)}m_{012}^{(00)} + m_{000}^{(11)}m_{100}^{(10)}m_{102}^{(00)}m_{012}^{(21)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{102}^{(00)}m_{003}^{(11)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{102}^{(10)}m_{102}^{(21)} + m_{000}^{(11)}m_{100}^{(10)}m_{102}^{(10)}m_{012}^{(20)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{102}^{(11)}m_{102}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{102}^{(11)}m_{003}^{(00)} - m_{000}^{(11)}m_{100}^{(10)}m_{102}^{(20)}m_{021}^{(20)} + m_{000}^{(11)}m_{100}^{(10)}m_{102}^{(20)}m_{012}^{(10)}\\
&-3m_{000}^{(11)}m_{100}^{(10)}m_{102}^{(21)}m_{012}^{(00)} + m_{000}^{(11)}m_{100}^{(10)}m_{102}^{(22)}m_{021}^{(00)} - m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(10)}m_{300}^{(22)}m_{003}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(20)}m_{300}^{(21)}m_{003}^{(21)} + m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(21)}m_{300}^{(22)}m_{102}^{(21)} - m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(22)}m_{300}^{(21)}m_{102}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(00)}m_{210}^{(22)}m_{003}^{(22)} - m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(20)}m_{210}^{(22)}m_{102}^{(22)} - m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(20)}m_{210}^{(20)}m_{003}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(22)}m_{210}^{(20)}m_{102}^{(20)} + m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(00)}m_{201}^{(22)}m_{012}^{(22)} - 2m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(00)}m_{201}^{(21)}m_{003}^{(20)}\\
&+3m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(10)}m_{201}^{(20)}m_{003}^{(20)} - m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(20)}m_{201}^{(22)}m_{111}^{(20)} + 2m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(20)}m_{201}^{(21)}m_{102}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(20)}m_{201}^{(20)}m_{012}^{(20)} - m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(20)}m_{201}^{(20)}m_{003}^{(10)} - 3m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(21)}m_{201}^{(20)}m_{102}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(22)}m_{201}^{(20)}m_{111}^{(20)} + m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(22)}m_{201}^{(10)}m_{102}^{(20)} - m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(00)}m_{111}^{(22)}m_{102}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(00)}m_{111}^{(20)}m_{003}^{(20)} + 2m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(20)}m_{111}^{(20)}m_{102}^{(20)} + m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(20)}m_{111}^{(20)}m_{003}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(22)}m_{111}^{(00)}m_{102}^{(20)} + 2m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(00)}m_{102}^{(21)}m_{102}^{(20)} - m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(00)}m_{102}^{(20)}m_{012}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(00)}m_{102}^{(00)}m_{003}^{(10)} - 2m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(10)}m_{102}^{(10)}m_{102}^{(20)} - 2m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(10)}m_{102}^{(10)}m_{003}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(20)}m_{102}^{(00)}m_{012}^{(20)} - m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(20)}m_{300}^{(11)}m_{003}^{(21)} + m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(20)}m_{300}^{(21)}m_{012}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{300}^{(21)}m_{003}^{(11)} - m_{000}^{(11)}m_{100}^{(20)}m_{300}^{(22)}m_{012}^{(11)} - m_{000}^{(11)}m_{100}^{(20)}m_{210}^{(10)}m_{012}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{210}^{(10)}m_{003}^{(21)} + m_{000}^{(11)}m_{100}^{(20)}m_{210}^{(11)}m_{102}^{(22)} + m_{000}^{(11)}m_{100}^{(20)}m_{210}^{(11)}m_{003}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{210}^{(21)}m_{102}^{(21)} - m_{000}^{(11)}m_{100}^{(20)}m_{210}^{(21)}m_{012}^{(20)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{210}^{(21)}m_{003}^{(10)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{210}^{(22)}m_{012}^{(10)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{201}^{(10)}m_{012}^{(21)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{201}^{(10)}m_{003}^{(11)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{201}^{(11)}m_{102}^{(21)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{201}^{(11)}m_{003}^{(10)} - m_{000}^{(11)}m_{100}^{(20)}m_{201}^{(20)}m_{021}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{201}^{(20)}m_{012}^{(11)} + m_{000}^{(11)}m_{100}^{(20)}m_{201}^{(21)}m_{102}^{(11)} - 3m_{000}^{(11)}m_{100}^{(20)}m_{201}^{(21)}m_{012}^{(10)}
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&+m_{000}^{(11)}m_{100}^{(20)}m_{201}^{(22)}m_{021}^{(10)}+m_{000}^{(11)}m_{100}^{(20)}m_{120}^{(00)}m_{012}^{(22)}-m_{000}^{(11)}m_{100}^{(20)}m_{120}^{(10)}m_{102}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{120}^{(10)}m_{003}^{(20)}+m_{000}^{(11)}m_{100}^{(20)}m_{120}^{(21)}m_{102}^{(20)}+m_{000}^{(11)}m_{100}^{(20)}m_{120}^{(21)}m_{003}^{(00)}\\
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&+2m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(10)}m_{003}^{(10)}-2m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(11)}m_{102}^{(20)}-2m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(11)}m_{003}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(20)}m_{111}^{(21)}-m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(20)}m_{012}^{(10)}+3m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(21)}m_{012}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(22)}m_{021}^{(00)}-m_{000}^{(11)}m_{100}^{(20)}m_{102}^{(00)}m_{021}^{(21)}+2m_{000}^{(11)}m_{100}^{(20)}m_{102}^{(00)}m_{012}^{(11)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{102}^{(10)}m_{012}^{(10)}+m_{000}^{(11)}m_{100}^{(20)}m_{102}^{(20)}m_{021}^{(10)}+m_{000}^{(11)}m_{100}^{(21)}m_{300}^{(10)}m_{012}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{300}^{(10)}m_{003}^{(21)}-m_{000}^{(11)}m_{100}^{(21)}m_{300}^{(11)}m_{102}^{(22)}-m_{000}^{(11)}m_{100}^{(21)}m_{300}^{(20)}m_{012}^{(21)}\\
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&+m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(20)}m_{102}^{(21)}+m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(20)}m_{012}^{(20)}+2m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(20)}m_{003}^{(10)}\\
&-2m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(22)}m_{102}^{(10)}-m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(00)}m_{021}^{(22)}+m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(00)}m_{012}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(00)}m_{003}^{(11)}+m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(10)}m_{111}^{(22)}-2m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(10)}m_{102}^{(21)}\\
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&+m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(20)}m_{111}^{(21)}-2m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(20)}m_{102}^{(11)}+m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(20)}m_{021}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(20)}m_{012}^{(10)}-m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(21)}m_{111}^{(20)}+m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(21)}m_{102}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(22)}m_{111}^{(10)}+m_{000}^{(11)}m_{100}^{(21)}m_{120}^{(00)}m_{003}^{(20)}-m_{000}^{(11)}m_{100}^{(21)}m_{120}^{(20)}m_{102}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{120}^{(20)}m_{003}^{(00)}+m_{000}^{(11)}m_{100}^{(21)}m_{120}^{(22)}m_{102}^{(00)}+m_{000}^{(11)}m_{100}^{(21)}m_{111}^{(00)}m_{111}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{111}^{(00)}m_{102}^{(21)}+2m_{000}^{(11)}m_{100}^{(21)}m_{111}^{(00)}m_{012}^{(20)}-2m_{000}^{(11)}m_{100}^{(21)}m_{111}^{(00)}m_{003}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{111}^{(10)}m_{102}^{(20)}+2m_{000}^{(11)}m_{100}^{(21)}m_{111}^{(10)}m_{003}^{(00)}-m_{000}^{(11)}m_{100}^{(21)}(m_{111}^{(20)})^2\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{111}^{(20)}m_{102}^{(10)}-2m_{000}^{(11)}m_{100}^{(21)}m_{111}^{(20)}m_{012}^{(00)}-m_{000}^{(11)}m_{100}^{(21)}m_{111}^{(21)}m_{102}^{(00)}\\
&-2m_{000}^{(11)}m_{100}^{(21)}m_{102}^{(00)}m_{102}^{(11)}+m_{000}^{(11)}m_{100}^{(21)}m_{102}^{(00)}m_{021}^{(20)}-2m_{000}^{(11)}m_{100}^{(21)}m_{102}^{(00)}m_{012}^{(10)}\\
&+2m_{000}^{(11)}m_{100}^{(21)}(m_{102}^{(10)})^2+2m_{000}^{(11)}m_{100}^{(21)}m_{102}^{(10)}m_{012}^{(00)}-m_{000}^{(11)}m_{100}^{(21)}m_{102}^{(20)}m_{021}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{300}^{(10)}m_{012}^{(21)}+m_{000}^{(11)}m_{100}^{(22)}m_{300}^{(11)}m_{102}^{(21)}+m_{000}^{(11)}m_{100}^{(22)}m_{300}^{(20)}m_{012}^{(11)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{300}^{(21)}m_{102}^{(11)}+m_{000}^{(11)}m_{100}^{(22)}m_{210}^{(00)}m_{012}^{(21)}-m_{000}^{(11)}m_{100}^{(22)}m_{210}^{(10)}m_{102}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{210}^{(10)}m_{012}^{(20)}-m_{000}^{(11)}m_{100}^{(22)}m_{210}^{(11)}m_{102}^{(20)}-2m_{000}^{(11)}m_{100}^{(22)}m_{210}^{(20)}m_{012}^{(10)}\\
&+2m_{000}^{(11)}m_{100}^{(22)}m_{210}^{(21)}m_{102}^{(10)}+m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(00)}m_{021}^{(21)}-2m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(00)}m_{012}^{(11)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(10)}m_{111}^{(21)}+2m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(10)}m_{102}^{(11)}+2m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(10)}m_{012}^{(10)}\\
&-2m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(11)}m_{102}^{(10)}-m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(20)}m_{021}^{(10)}+m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(21)}m_{111}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{120}^{(00)}m_{012}^{(20)}+m_{000}^{(11)}m_{100}^{(22)}m_{120}^{(10)}m_{102}^{(20)}+m_{000}^{(11)}m_{100}^{(22)}m_{120}^{(20)}m_{012}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{120}^{(21)}m_{102}^{(00)}-m_{000}^{(11)}m_{100}^{(22)}m_{111}^{(00)}m_{111}^{(21)}-m_{000}^{(11)}m_{100}^{(22)}m_{111}^{(00)}m_{021}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(22)}m_{111}^{(00)}m_{012}^{(10)}+m_{000}^{(11)}m_{100}^{(22)}m_{111}^{(10)}m_{111}^{(20)}-2m_{000}^{(11)}m_{100}^{(22)}m_{111}^{(10)}m_{102}^{(10)}\\
&-2m_{000}^{(11)}m_{100}^{(22)}m_{111}^{(10)}m_{012}^{(00)}+2m_{000}^{(11)}m_{100}^{(22)}m_{111}^{(11)}m_{102}^{(00)}+m_{000}^{(11)}m_{100}^{(22)}m_{111}^{(20)}m_{021}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{210}^{(10)}m_{012}^{(22)}+m_{000}^{(11)}m_{001}^{(00)}m_{210}^{(10)}m_{003}^{(21)}+2m_{000}^{(11)}m_{001}^{(00)}m_{210}^{(11)}m_{102}^{(22)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{210}^{(11)}m_{003}^{(20)}+m_{000}^{(11)}m_{001}^{(00)}m_{210}^{(20)}m_{021}^{(22)}-m_{000}^{(11)}m_{001}^{(00)}m_{210}^{(20)}m_{012}^{(21)}\\
&-2m_{000}^{(11)}m_{001}^{(00)}m_{210}^{(21)}m_{111}^{(22)}-2m_{000}^{(11)}m_{001}^{(00)}m_{210}^{(21)}m_{102}^{(21)}+2m_{000}^{(11)}m_{001}^{(00)}m_{210}^{(21)}m_{012}^{(20)}\\
&+2m_{000}^{(11)}m_{001}^{(00)}m_{210}^{(22)}m_{111}^{(21)}-m_{000}^{(11)}m_{001}^{(00)}m_{210}^{(22)}m_{021}^{(20)}+m_{000}^{(11)}m_{001}^{(00)}m_{201}^{(10)}m_{012}^{(21)}
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&-m_{000}^{(11)}m_{001}^{(00)}m_{201}^{(10)}m_{003}^{(11)} - 2m_{000}^{(11)}m_{001}^{(00)}m_{201}^{(11)}m_{102}^{(21)} + m_{000}^{(11)}m_{001}^{(00)}m_{201}^{(11)}m_{003}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{201}^{(20)}m_{021}^{(21)} + m_{000}^{(11)}m_{001}^{(00)}m_{201}^{(20)}m_{012}^{(11)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{201}^{(21)}m_{111}^{(21)}\\
&+2m_{000}^{(11)}m_{001}^{(00)}m_{201}^{(21)}m_{102}^{(11)} - 2m_{000}^{(11)}m_{001}^{(00)}m_{201}^{(21)}m_{012}^{(10)} - 2m_{000}^{(11)}m_{001}^{(00)}m_{201}^{(22)}m_{111}^{(11)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{201}^{(22)}m_{021}^{(10)} - m_{000}^{(11)}m_{001}^{(00)}m_{120}^{(10)}m_{102}^{(22)} + m_{000}^{(11)}m_{001}^{(00)}m_{120}^{(20)}m_{111}^{(22)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{120}^{(21)}m_{102}^{(20)} - m_{000}^{(11)}m_{001}^{(00)}m_{120}^{(22)}m_{111}^{(20)} + m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(10)}m_{111}^{(22)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(10)}m_{102}^{(21)} - m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(20)}m_{111}^{(21)} - m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(21)}m_{102}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{300}^{(10)}m_{012}^{(22)} - m_{000}^{(11)}m_{001}^{(10)}m_{300}^{(10)}m_{003}^{(21)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{300}^{(11)}m_{102}^{(22)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{300}^{(11)}m_{003}^{(20)} - m_{000}^{(11)}m_{001}^{(10)}m_{300}^{(20)}m_{021}^{(22)} + m_{000}^{(11)}m_{001}^{(10)}m_{300}^{(20)}m_{012}^{(21)}\\
&+2m_{000}^{(11)}m_{001}^{(10)}m_{300}^{(21)}m_{111}^{(22)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{300}^{(21)}m_{102}^{(21)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{300}^{(21)}m_{012}^{(20)}\\
&-2m_{000}^{(11)}m_{001}^{(10)}m_{300}^{(22)}m_{111}^{(21)} + m_{000}^{(11)}m_{001}^{(10)}m_{300}^{(22)}m_{021}^{(20)} + m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(00)}m_{012}^{(22)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(00)}m_{003}^{(21)} - m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(10)}m_{102}^{(22)} + m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(10)}m_{003}^{(20)}\\
&-2m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(20)}m_{111}^{(22)} + 3m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(20)}m_{102}^{(21)} - m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(20)}m_{012}^{(20)}\\
&+2m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(21)}m_{201}^{(22)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(21)}m_{102}^{(20)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(22)}m_{201}^{(21)}\\
&+2m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(22)}m_{111}^{(20)} - m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(00)}m_{012}^{(21)} + m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(00)}m_{003}^{(11)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(10)}m_{111}^{(22)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(10)}m_{102}^{(21)} - m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(10)}m_{012}^{(20)}\\
&+2m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(11)}m_{201}^{(22)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(11)}m_{102}^{(20)} - m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(11)}m_{003}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(20)}m_{120}^{(22)} + m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(20)}m_{111}^{(21)} - 3m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(20)}m_{102}^{(11)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(20)}m_{021}^{(20)} - 2m_{000}^{(11)}m_{001}^{(10)}(m_{201}^{(21)})^2 - m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(21)}m_{111}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(21)}m_{102}^{(10)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(21)}m_{012}^{(00)} - m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(22)}m_{120}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(22)}m_{111}^{(10)} - m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(22)}m_{021}^{(00)} + m_{000}^{(11)}m_{001}^{(10)}m_{120}^{(00)}m_{102}^{(22)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{120}^{(20)}m_{102}^{(20)} - m_{000}^{(11)}m_{001}^{(10)}m_{111}^{(00)}m_{111}^{(22)} - m_{000}^{(11)}m_{001}^{(10)}m_{111}^{(00)}m_{102}^{(21)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{111}^{(10)}m_{102}^{(20)} + m_{000}^{(11)}m_{001}^{(10)}(m_{111}^{(20)})^2 + m_{000}^{(11)}m_{001}^{(10)}m_{111}^{(20)}m_{102}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{111}^{(21)}m_{102}^{(00)} - m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(00)}m_{012}^{(22)} + m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(00)}m_{003}^{(21)}\\
&+2m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(10)}m_{102}^{(22)} - m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(10)}m_{003}^{(20)} + m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(20)}m_{111}^{(22)}\\
&-3m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(20)}m_{102}^{(21)} + m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(20)}m_{012}^{(20)} - 2m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(21)}m_{201}^{(22)}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(21)}m_{102}^{(20)} + 2m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(22)}m_{201}^{(21)} - m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(22)}m_{111}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(11)}m_{210}^{(00)}m_{102}^{(22)} + m_{000}^{(11)}m_{001}^{(11)}m_{210}^{(20)}m_{201}^{(22)} + m_{000}^{(11)}m_{001}^{(11)}m_{210}^{(20)}m_{102}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(11)}m_{210}^{(22)}m_{201}^{(20)} + m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(00)}m_{111}^{(22)} + m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(00)}m_{012}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(00)}m_{003}^{(10)} - 2m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(10)}m_{201}^{(22)} - 2m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(10)}m_{102}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(10)}m_{003}^{(00)} + 2m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(20)}m_{201}^{(21)} - 2m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(20)}m_{111}^{(20)}\\
&+3m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(20)}m_{102}^{(10)} - m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(20)}m_{012}^{(00)} - m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(21)}m_{102}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(22)}m_{111}^{(00)} + m_{000}^{(11)}m_{001}^{(11)}m_{111}^{(00)}m_{102}^{(20)} - m_{000}^{(11)}m_{001}^{(11)}m_{111}^{(20)}m_{102}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{300}^{(10)}m_{012}^{(21)} + m_{000}^{(11)}m_{001}^{(20)}m_{300}^{(10)}m_{003}^{(11)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{300}^{(11)}m_{102}^{(21)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{300}^{(11)}m_{003}^{(10)} + m_{000}^{(11)}m_{001}^{(20)}m_{300}^{(20)}m_{021}^{(21)} - m_{000}^{(11)}m_{001}^{(20)}m_{300}^{(20)}m_{012}^{(11)}\\
&-2m_{000}^{(11)}m_{001}^{(20)}m_{300}^{(21)}m_{111}^{(21)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{300}^{(21)}m_{102}^{(11)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{300}^{(21)}m_{012}^{(10)}\\
&+2m_{000}^{(11)}m_{001}^{(20)}m_{300}^{(22)}m_{111}^{(11)} - m_{000}^{(11)}m_{001}^{(20)}m_{300}^{(22)}m_{021}^{(10)} - m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(00)}m_{021}^{(22)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(00)}m_{012}^{(21)} + 3m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(10)}m_{111}^{(22)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(10)}m_{102}^{(21)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(10)}m_{003}^{(10)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(11)}m_{201}^{(22)} - m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(11)}m_{102}^{(20)}
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&+m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(11)}m_{003}^{(00)} - m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(20)}m_{111}^{(21)} + m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(20)}m_{012}^{(10)}\\
&+2m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(21)}m_{201}^{(21)} + m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(21)}m_{111}^{(20)} + 3m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(21)}m_{102}^{(10)}\\
&-2m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(21)}m_{012}^{(00)} - 3m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(22)}m_{111}^{(10)} + m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(22)}m_{021}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(00)}m_{021}^{(21)} - m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(00)}m_{012}^{(11)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(10)}m_{111}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(10)}m_{102}^{(11)} + m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(10)}m_{012}^{(10)} - m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(11)}m_{102}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(20)}m_{120}^{(21)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(20)}m_{111}^{(11)} - m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(20)}m_{021}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(22)}m_{120}^{(10)} - m_{000}^{(11)}m_{001}^{(20)}m_{120}^{(00)}m_{111}^{(22)} + m_{000}^{(11)}m_{001}^{(20)}m_{120}^{(10)}m_{102}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{120}^{(21)}m_{102}^{(00)} + m_{000}^{(11)}m_{001}^{(20)}m_{120}^{(22)}m_{111}^{(00)} + m_{000}^{(11)}m_{001}^{(20)}m_{111}^{(00)}m_{111}^{(21)}\\
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&-3m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(10)}m_{111}^{(22)} - m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(10)}m_{102}^{(21)} + m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(10)}m_{012}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(10)}m_{003}^{(10)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(11)}m_{201}^{(22)} - m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(11)}m_{102}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(20)}m_{111}^{(21)} + 3m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(20)}m_{102}^{(11)} - m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(20)}m_{021}^{(20)}\\
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&+m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(00)}m_{102}^{(21)} - m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(00)}m_{012}^{(20)} + m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(00)}m_{003}^{(10)}\\
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&-m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(21)}m_{201}^{(20)} + m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(21)}m_{102}^{(00)} + 3m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(22)}m_{201}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(22)}m_{111}^{(00)} - m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(00)}m_{120}^{(22)} - m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(00)}m_{111}^{(21)}\\
&-m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(00)}m_{021}^{(20)} + m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(00)}m_{012}^{(10)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(10)}m_{201}^{(21)}\\
&+3m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(10)}m_{111}^{(20)} - m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(10)}m_{102}^{(10)} - m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(10)}m_{012}^{(00)}\\
&-2m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(11)}m_{201}^{(20)} + m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(11)}m_{102}^{(00)} + m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(20)}m_{120}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(20)}m_{111}^{(10)} + m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(20)}m_{021}^{(00)} - m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(21)}m_{111}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(21)}m_{120}^{(00)}m_{102}^{(20)} + m_{000}^{(11)}m_{001}^{(21)}m_{120}^{(20)}m_{102}^{(00)} - m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(00)}m_{021}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(00)}m_{012}^{(11)} + 3m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(10)}m_{111}^{(21)} - m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(10)}m_{102}^{(11)}\\
&-m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(10)}m_{012}^{(10)} - 2m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(11)}m_{201}^{(21)} + m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(11)}m_{102}^{(10)}\\
&-2m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(20)}m_{111}^{(11)} + m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(20)}m_{021}^{(10)} + 2m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(21)}m_{201}^{(11)}\\
&-m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(21)}m_{111}^{(10)} - m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(00)}m_{111}^{(21)} + m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(00)}m_{021}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(00)}m_{012}^{(10)} + m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(10)}m_{201}^{(21)} - 3m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(10)}m_{111}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(10)}m_{102}^{(10)} + m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(10)}m_{012}^{(00)} + 2m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(11)}m_{201}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(11)}m_{102}^{(00)} + 3m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(20)}m_{111}^{(10)} - m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(20)}m_{021}^{(00)}\\
&-3m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(21)}m_{201}^{(10)} + m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(21)}m_{111}^{(00)} + m_{000}^{(11)}m_{001}^{(22)}m_{201}^{(00)}m_{120}^{(21)}\\
&-m_{000}^{(11)}m_{001}^{(22)}m_{201}^{(20)}m_{120}^{(10)} + m_{000}^{(11)}m_{001}^{(22)}m_{120}^{(00)}m_{111}^{(20)} - m_{000}^{(11)}m_{001}^{(22)}m_{120}^{(20)}m_{111}^{(00)}\\
&-m_{000}^{(20)}m_{100}^{(00)}m_{120}^{(11)}m_{012}^{(22)} + m_{000}^{(20)}m_{100}^{(00)}m_{120}^{(21)}m_{021}^{(22)} + m_{000}^{(20)}m_{100}^{(00)}m_{120}^{(21)}m_{012}^{(21)}\\
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&+m_{000}^{(20)}m_{100}^{(00)}m_{111}^{(22)}m_{030}^{(21)} + m_{000}^{(20)}m_{100}^{(00)}m_{111}^{(22)}m_{021}^{(11)} - m_{000}^{(20)}m_{100}^{(00)}m_{102}^{(11)}m_{021}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{102}^{(21)}m_{030}^{(21)} + m_{000}^{(20)}m_{100}^{(00)}m_{102}^{(21)}m_{021}^{(11)} - m_{000}^{(20)}m_{100}^{(00)}m_{102}^{(22)}m_{030}^{(11)}
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&+2m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(10)}m_{012}^{(22)} - m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(10)}m_{003}^{(21)} + m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(11)}m_{003}^{(20)}\\
&-2m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(20)}m_{021}^{(22)} + m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(20)}m_{012}^{(21)} - 3m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(21)}m_{012}^{(20)}\\
&+2m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(22)}m_{021}^{(20)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{021}^{(10)}m_{021}^{(22)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{021}^{(10)}m_{012}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{021}^{(10)}m_{003}^{(11)} - m_{000}^{(20)}m_{100}^{(00)}m_{021}^{(11)}m_{003}^{(10)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{021}^{(20)}m_{021}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(00)}m_{021}^{(20)}m_{012}^{(11)} + 3m_{000}^{(20)}m_{100}^{(00)}m_{021}^{(21)}m_{012}^{(10)} + m_{000}^{(20)}m_{100}^{(10)}m_{210}^{(11)}m_{012}^{(22)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{210}^{(21)}m_{021}^{(22)} - m_{000}^{(20)}m_{100}^{(10)}m_{210}^{(21)}m_{012}^{(21)} + m_{000}^{(20)}m_{100}^{(10)}m_{210}^{(22)}m_{021}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{201}^{(11)}m_{021}^{(22)} + m_{000}^{(20)}m_{100}^{(10)}m_{201}^{(21)}m_{030}^{(22)} + m_{000}^{(20)}m_{100}^{(10)}m_{201}^{(21)}m_{021}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{201}^{(22)}m_{030}^{(21)} - m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(10)}m_{012}^{(22)} + m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(10)}m_{003}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(11)}m_{102}^{(22)} - m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(11)}m_{003}^{(20)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(20)}m_{021}^{(22)}\\
&-2m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(20)}m_{012}^{(21)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(21)}m_{111}^{(22)} - m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(21)}m_{102}^{(21)}\\
&+3m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(21)}m_{012}^{(20)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(22)}m_{111}^{(21)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(22)}m_{021}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(10)}m_{021}^{(22)} - m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(10)}m_{012}^{(21)} - m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(11)}m_{111}^{(22)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(11)}m_{012}^{(20)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(20)}m_{030}^{(22)} + m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(20)}m_{021}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(20)}m_{012}^{(11)} + m_{000}^{(20)}m_{100}^{(10)}(m_{111}^{(21)})^2 - m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(21)}m_{021}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(21)}m_{012}^{(10)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(22)}m_{030}^{(20)} - m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(22)}m_{021}^{(10)}\\
&+2m_{000}^{(20)}m_{100}^{(10)}m_{102}^{(11)}m_{021}^{(20)} + m_{000}^{(20)}m_{100}^{(10)}m_{102}^{(20)}m_{030}^{(21)} - m_{000}^{(20)}m_{100}^{(10)}m_{102}^{(20)}m_{021}^{(11)}\\
&-2m_{000}^{(20)}m_{100}^{(10)}m_{102}^{(21)}m_{030}^{(20)} - m_{000}^{(20)}m_{100}^{(10)}m_{102}^{(21)}m_{021}^{(10)} + m_{000}^{(20)}m_{100}^{(10)}m_{102}^{(22)}m_{030}^{(10)}\\
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&+2m_{000}^{(20)}m_{100}^{(10)}m_{030}^{(20)}m_{012}^{(20)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{021}^{(00)}m_{021}^{(22)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{021}^{(00)}m_{012}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{021}^{(00)}m_{003}^{(11)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{021}^{(10)}m_{012}^{(20)} + m_{000}^{(20)}m_{100}^{(10)}m_{021}^{(11)}m_{003}^{(00)}\\
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&-m_{000}^{(20)}m_{100}^{(11)}m_{201}^{(21)}m_{120}^{(22)} + m_{000}^{(20)}m_{100}^{(11)}m_{201}^{(22)}m_{120}^{(21)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{120}^{(00)}m_{012}^{(22)}\\
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&-2m_{000}^{(20)}m_{100}^{(11)}m_{120}^{(20)}m_{111}^{(22)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{120}^{(20)}m_{102}^{(21)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{120}^{(20)}m_{012}^{(20)}\\
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&-m_{000}^{(20)}m_{100}^{(20)}m_{210}^{(22)}m_{021}^{(11)} + m_{000}^{(20)}m_{100}^{(20)}m_{201}^{(11)}m_{021}^{(21)} - m_{000}^{(20)}m_{100}^{(20)}m_{201}^{(21)}m_{030}^{(21)}\\
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&+2m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(10)}m_{012}^{(21)} - m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(10)}m_{003}^{(11)} + m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(11)}m_{111}^{(22)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(11)}m_{102}^{(21)} + m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(11)}m_{012}^{(20)} + m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(11)}m_{003}^{(10)}\\
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&-m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(21)}m_{021}^{(20)} - 4m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(21)}m_{012}^{(10)} - m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(22)}m_{111}^{(11)}
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&+3m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(22)}m_{021}^{(10)} + m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(10)}m_{030}^{(22)} - m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(10)}m_{021}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(11)}m_{021}^{(20)} + m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(21)}m_{030}^{(20)} - m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(11)}m_{021}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(21)}m_{030}^{(20)} + 3m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(21)}m_{021}^{(10)} - 3m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(22)}m_{030}^{(10)}\\
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&+m_{000}^{(20)}m_{100}^{(20)}m_{102}^{(21)}m_{030}^{(10)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{030}^{(00)}m_{021}^{(22)} - m_{000}^{(20)}m_{100}^{(20)}m_{030}^{(00)}m_{012}^{(21)}\\
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&-2m_{000}^{(20)}m_{100}^{(20)}m_{021}^{(00)}m_{021}^{(21)} + m_{000}^{(20)}m_{100}^{(20)}m_{021}^{(00)}m_{012}^{(11)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{021}^{(10)}m_{021}^{(20)}\\
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&+m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(22)}m_{111}^{(11)} - m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(10)}m_{030}^{(22)} - m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(10)}m_{021}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(11)}m_{120}^{(22)} + m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(20)}m_{030}^{(21)} + m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(20)}m_{021}^{(11)}\\
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&+m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(00)}m_{003}^{(11)} + 3m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(10)}m_{111}^{(22)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(10)}m_{012}^{(20)}\\
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&-m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(21)}m_{111}^{(20)} + m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(21)}m_{102}^{(10)} - 3m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(22)}m_{111}^{(10)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(00)}m_{030}^{(22)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(00)}m_{021}^{(21)} - m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(10)}m_{111}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(11)}m_{111}^{(20)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(20)}m_{030}^{(20)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(20)}m_{021}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{102}^{(00)}m_{030}^{(21)} - m_{000}^{(20)}m_{100}^{(21)}m_{102}^{(00)}m_{021}^{(11)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{102}^{(10)}m_{030}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{102}^{(10)}m_{021}^{(10)} - m_{000}^{(20)}m_{100}^{(21)}m_{102}^{(20)}m_{030}^{(10)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{030}^{(00)}m_{012}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{030}^{(00)}m_{003}^{(10)} + m_{000}^{(20)}m_{100}^{(21)}m_{030}^{(10)}m_{003}^{(00)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{030}^{(20)}m_{012}^{(00)}\\
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&+m_{000}^{(20)}m_{100}^{(22)}m_{210}^{(11)}m_{111}^{(21)} + m_{000}^{(20)}m_{100}^{(22)}m_{210}^{(20)}m_{021}^{(11)} - m_{000}^{(20)}m_{100}^{(22)}m_{210}^{(21)}m_{111}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{201}^{(10)}m_{030}^{(21)} - m_{000}^{(20)}m_{100}^{(22)}m_{201}^{(11)}m_{120}^{(21)} - m_{000}^{(20)}m_{100}^{(22)}m_{201}^{(20)}m_{030}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{201}^{(21)}m_{120}^{(11)} + 2m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(00)}m_{021}^{(21)} - m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(00)}m_{012}^{(11)}\\
&-3m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(10)}m_{111}^{(21)} + m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(10)}m_{102}^{(11)} + m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(10)}m_{021}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(10)}m_{012}^{(10)} - m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(11)}m_{111}^{(20)} - m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(11)}m_{102}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(20)}m_{111}^{(11)} - 3m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(20)}m_{021}^{(10)} + 3m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(21)}m_{111}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(22)}m_{111}^{(00)}m_{030}^{(21)} - m_{000}^{(20)}m_{100}^{(22)}m_{111}^{(10)}m_{030}^{(20)} + 3m_{000}^{(20)}m_{100}^{(22)}m_{111}^{(20)}m_{030}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{102}^{(00)}m_{030}^{(11)} - m_{000}^{(20)}m_{100}^{(22)}m_{102}^{(10)}m_{030}^{(10)} - 2m_{000}^{(20)}m_{100}^{(22)}m_{030}^{(00)}m_{021}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{030}^{(00)}m_{012}^{(10)} - m_{000}^{(20)}m_{100}^{(22)}m_{030}^{(10)}m_{012}^{(00)} + 2m_{000}^{(20)}m_{100}^{(22)}m_{030}^{(20)}m_{021}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{210}^{(11)}m_{012}^{(22)} + m_{000}^{(20)}m_{010}^{(00)}m_{210}^{(21)}m_{021}^{(22)} + m_{000}^{(20)}m_{010}^{(00)}m_{210}^{(21)}m_{012}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{210}^{(22)}m_{021}^{(21)} + m_{000}^{(20)}m_{010}^{(00)}m_{201}^{(11)}m_{012}^{(21)} - m_{000}^{(20)}m_{010}^{(00)}m_{201}^{(21)}m_{021}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{201}^{(21)}m_{012}^{(11)} + m_{000}^{(20)}m_{010}^{(00)}m_{201}^{(22)}m_{021}^{(11)} + m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(10)}m_{003}^{(21)}\\
&+3m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(11)}m_{102}^{(22)} - m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(11)}m_{003}^{(20)} - m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(20)}m_{012}^{(21)}\\
&-3m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(21)}m_{111}^{(22)} - 3m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(21)}m_{102}^{(21)} + m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(21)}m_{012}^{(20)}\\
&+3m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(22)}m_{111}^{(21)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(10)}m_{021}^{(22)} - 3m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(10)}m_{012}^{(21)}
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&-m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(10)}m_{003}^{(11)} - 3m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(11)}m_{111}^{(22)} - 3m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(11)}m_{102}^{(21)}\\
&+3m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(11)}m_{012}^{(20)} + m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(11)}m_{003}^{(10)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(20)}m_{030}^{(22)}\\
&+3m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(20)}m_{021}^{(21)} + m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(20)}m_{012}^{(11)} + 3m_{000}^{(20)}m_{010}^{(00)}(m_{111}^{(21)})^2\\
&+3m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(21)}m_{102}^{(11)} - 5m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(21)}m_{021}^{(20)} - m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(21)}m_{012}^{(10)}\\
&+2m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(22)}m_{030}^{(20)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{102}^{(10)}m_{021}^{(21)} + 3m_{000}^{(20)}m_{010}^{(00)}m_{102}^{(10)}m_{012}^{(11)}\\
&-3m_{000}^{(20)}m_{010}^{(00)}m_{102}^{(11)}m_{012}^{(10)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{102}^{(20)}m_{030}^{(21)} - 3m_{000}^{(20)}m_{010}^{(00)}m_{102}^{(20)}m_{021}^{(11)}\\
&+5m_{000}^{(20)}m_{010}^{(00)}m_{102}^{(21)}m_{021}^{(10)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{102}^{(22)}m_{030}^{(10)} + m_{000}^{(20)}m_{010}^{(10)}m_{300}^{(11)}m_{012}^{(22)}\\
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&+m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(10)}m_{012}^{(22)} - m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(10)}m_{003}^{(21)} - 3m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(11)}m_{102}^{(22)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(11)}m_{003}^{(20)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(21)}m_{111}^{(22)} + 3m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(21)}m_{102}^{(21)}\\
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&+2m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(10)}m_{012}^{(21)} + 3m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(11)}m_{111}^{(22)} - 4m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(11)}m_{012}^{(20)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(20)}m_{030}^{(22)} - 3m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(20)}m_{021}^{(21)} + m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(20)}m_{012}^{(11)}\\
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&+4m_{000}^{(20)}m_{010}^{(10)}m_{120}^{(20)}m_{102}^{(21)} - 3m_{000}^{(20)}m_{010}^{(10)}m_{120}^{(21)}m_{102}^{(20)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{120}^{(22)}m_{111}^{(20)}\\
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&+3m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(10)}m_{111}^{(22)} - 3m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(10)}m_{012}^{(20)} + 6m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(11)}m_{102}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(11)}m_{003}^{(00)} - 3m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(20)}m_{111}^{(21)} - 4m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(20)}m_{102}^{(11)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(20)}m_{021}^{(20)} - m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(20)}m_{012}^{(10)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(21)}m_{102}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(21)}m_{012}^{(00)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{102}^{(00)}m_{021}^{(21)} - 3m_{000}^{(20)}m_{010}^{(10)}m_{102}^{(00)}m_{012}^{(11)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{102}^{(10)}m_{021}^{(20)} + 3m_{000}^{(20)}m_{010}^{(10)}m_{102}^{(11)}m_{012}^{(00)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{102}^{(20)}m_{030}^{(20)}\\
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&-3m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(00)}m_{012}^{(21)} - 3m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(10)}m_{111}^{(22)} + 4m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(10)}m_{012}^{(20)}\\
&-2m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(20)}m_{120}^{(22)} + 6m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(20)}m_{111}^{(21)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(20)}m_{021}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(20)}m_{012}^{(10)} - 4m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(21)}m_{111}^{(20)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(22)}m_{120}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(22)}m_{111}^{(10)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{120}^{(00)}m_{102}^{(22)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{120}^{(20)}m_{102}^{(20)}\\
&+3m_{000}^{(20)}m_{010}^{(11)}m_{111}^{(00)}m_{102}^{(21)} - m_{000}^{(20)}m_{010}^{(11)}m_{111}^{(00)}m_{003}^{(10)} - 6m_{000}^{(20)}m_{010}^{(11)}m_{111}^{(10)}m_{102}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{111}^{(10)}m_{003}^{(00)} + 4m_{000}^{(20)}m_{010}^{(11)}m_{111}^{(20)}m_{102}^{(10)} - m_{000}^{(20)}m_{010}^{(11)}m_{111}^{(21)}m_{102}^{(00)}\\
&-2m_{000}^{(20)}m_{010}^{(11)}m_{102}^{(00)}m_{021}^{(20)} + 3m_{000}^{(20)}m_{010}^{(11)}m_{102}^{(00)}m_{012}^{(10)} - 3m_{000}^{(20)}m_{010}^{(11)}m_{102}^{(10)}m_{012}^{(00)}\\
&+2m_{000}^{(20)}m_{010}^{(11)}m_{102}^{(20)}m_{021}^{(00)} - m_{000}^{(20)}m_{010}^{(20)}m_{300}^{(11)}m_{012}^{(21)} + m_{000}^{(20)}m_{010}^{(20)}m_{300}^{(21)}m_{021}^{(11)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{300}^{(21)}m_{012}^{(11)} - m_{000}^{(20)}m_{010}^{(20)}m_{300}^{(22)}m_{021}^{(11)} - m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(10)}m_{021}^{(22)}
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&+m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(10)}m_{003}^{(11)} + m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(11)}m_{111}^{(22)} + 3m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(11)}m_{102}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(11)}m_{012}^{(20)} - m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(11)}m_{003}^{(10)} + m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(20)}m_{021}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(20)}m_{012}^{(11)} - 4m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(21)}m_{111}^{(21)} - 3m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(21)}m_{102}^{(11)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(21)}m_{021}^{(20)} + 3m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(22)}m_{111}^{(11)} + m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(22)}m_{021}^{(10)}\\
&+3m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(10)}m_{021}^{(21)} - 3m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(10)}m_{012}^{(11)} - 4m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(11)}m_{111}^{(21)}\\
&+3m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(11)}m_{012}^{(10)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(20)}m_{030}^{(21)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(20)}m_{021}^{(11)}\\
&+3m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(21)}m_{120}^{(21)} + 4m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(21)}m_{111}^{(11)} - 5m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(21)}m_{021}^{(10)}\\
&-3m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(22)}m_{120}^{(11)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(22)}m_{030}^{(10)} + m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(00)}m_{012}^{(21)}\\
&+3m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(10)}m_{111}^{(22)} - 3m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(10)}m_{102}^{(21)} - m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(10)}m_{012}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(10)}m_{003}^{(10)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(11)}m_{102}^{(20)} + m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(11)}m_{003}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(20)}m_{111}^{(21)} + m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(20)}m_{012}^{(10)} + 3m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(21)}m_{111}^{(20)}\\
&+5m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(21)}m_{102}^{(10)} - m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(21)}m_{012}^{(00)} - 5m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(22)}m_{111}^{(10)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{111}^{(00)}m_{030}^{(22)} - 3m_{000}^{(20)}m_{010}^{(20)}m_{111}^{(00)}m_{021}^{(21)} - m_{000}^{(20)}m_{010}^{(20)}m_{111}^{(00)}m_{012}^{(11)}\\
&+4m_{000}^{(20)}m_{010}^{(20)}m_{111}^{(10)}m_{102}^{(11)} + m_{000}^{(20)}m_{010}^{(20)}m_{111}^{(10)}m_{021}^{(20)} + 4m_{000}^{(20)}m_{010}^{(20)}m_{111}^{(10)}m_{012}^{(10)}\\
&-4m_{000}^{(20)}m_{010}^{(20)}m_{111}^{(11)}m_{102}^{(10)} - 3m_{000}^{(20)}m_{010}^{(20)}m_{111}^{(11)}m_{012}^{(00)} - 3m_{000}^{(20)}m_{010}^{(20)}m_{111}^{(20)}m_{021}^{(10)}\\
&+5m_{000}^{(20)}m_{010}^{(20)}m_{111}^{(21)}m_{021}^{(00)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{111}^{(22)}m_{030}^{(00)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{102}^{(00)}m_{030}^{(21)}\\
&+3m_{000}^{(20)}m_{010}^{(20)}m_{102}^{(00)}m_{021}^{(11)} - 3m_{000}^{(20)}m_{010}^{(20)}m_{102}^{(10)}m_{021}^{(10)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{102}^{(20)}m_{030}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(10)}m_{021}^{(22)} + m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(10)}m_{012}^{(21)} - m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(11)}m_{111}^{(22)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(20)}m_{021}^{(21)} - m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(20)}m_{012}^{(11)} + m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(22)}m_{111}^{(11)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(00)}m_{012}^{(21)} - m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(00)}m_{003}^{(11)} - 3m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(10)}m_{111}^{(22)}\\
&-2m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(10)}m_{102}^{(21)} + m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(10)}m_{003}^{(10)} + 3m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(11)}m_{201}^{(22)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(11)}m_{102}^{(20)} + 3m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(20)}m_{111}^{(21)} + 4m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(20)}m_{102}^{(11)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(20)}m_{012}^{(10)} + m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(21)}m_{111}^{(20)} - m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(21)}m_{102}^{(10)}\\
&-3m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(22)}m_{201}^{(11)} - m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(22)}m_{111}^{(10)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(00)}m_{030}^{(22)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(00)}m_{021}^{(21)} + 3m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(00)}m_{012}^{(11)} + 5m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(10)}m_{120}^{(22)}\\
&-4m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(10)}m_{021}^{(20)} - 3m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(10)}m_{012}^{(10)} + 4m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(11)}m_{111}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(20)}m_{120}^{(21)} - 6m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(20)}m_{111}^{(11)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(20)}m_{030}^{(20)}\\
&+3m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(20)}m_{021}^{(10)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(21)}m_{120}^{(20)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(21)}m_{111}^{(10)}\\
&-2m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(22)}m_{120}^{(10)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(00)}m_{111}^{(22)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(00)}m_{102}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(00)}m_{003}^{(10)} + 3m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(10)}m_{102}^{(20)} - m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(10)}m_{003}^{(00)}\\
&-2m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(20)}m_{111}^{(20)} - 6m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(20)}m_{102}^{(10)} + m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(21)}m_{102}^{(00)}\\
&-3m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(00)}m_{111}^{(21)} - 3m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(00)}m_{102}^{(11)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(00)}m_{021}^{(20)}\\
&-2m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(00)}m_{012}^{(10)} + 3m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(10)}m_{111}^{(20)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(10)}m_{102}^{(10)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(10)}m_{012}^{(00)} + m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(11)}m_{102}^{(00)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(20)}m_{021}^{(00)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{102}^{(00)}m_{030}^{(20)} - 3m_{000}^{(20)}m_{010}^{(21)}m_{102}^{(00)}m_{021}^{(10)} + 3m_{000}^{(20)}m_{010}^{(21)}m_{102}^{(10)}m_{021}^{(00)}\\
&-2m_{000}^{(20)}m_{010}^{(21)}m_{102}^{(20)}m_{030}^{(00)} - m_{000}^{(20)}m_{010}^{(22)}m_{300}^{(10)}m_{021}^{(21)} + m_{000}^{(20)}m_{010}^{(22)}m_{300}^{(11)}m_{111}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{300}^{(20)}m_{021}^{(11)} - m_{000}^{(20)}m_{010}^{(22)}m_{300}^{(21)}m_{111}^{(11)} + m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(00)}m_{012}^{(11)}\\
&+3m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(10)}m_{111}^{(21)} - m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(10)}m_{102}^{(11)} + m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(10)}m_{021}^{(20)}
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&-m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(10)}m_{012}^{(10)} - 3m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(11)}m_{201}^{(21)} - m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(11)}m_{111}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(11)}m_{102}^{(10)} - 3m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(20)}m_{111}^{(11)} - m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(20)}m_{021}^{(10)}\\
&+3m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(21)}m_{201}^{(11)} + m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(21)}m_{111}^{(10)} + 2m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(00)}m_{030}^{(21)}\\
&-3m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(00)}m_{021}^{(11)} - 5m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(10)}m_{120}^{(21)} + 3m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(10)}m_{111}^{(11)}\\
&+3m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(10)}m_{021}^{(10)} - 3m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(11)}m_{111}^{(10)} + 3m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(20)}m_{120}^{(11)}\\
&-2m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(20)}m_{030}^{(10)} + 2m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(21)}m_{120}^{(10)} - 2m_{000}^{(20)}m_{010}^{(22)}m_{120}^{(00)}m_{111}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(22)}m_{120}^{(00)}m_{012}^{(10)} - 3m_{000}^{(20)}m_{010}^{(22)}m_{120}^{(10)}m_{111}^{(20)} + m_{000}^{(20)}m_{010}^{(22)}m_{120}^{(10)}m_{102}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{120}^{(10)}m_{012}^{(00)} - m_{000}^{(20)}m_{010}^{(22)}m_{120}^{(11)}m_{102}^{(00)} + 5m_{000}^{(20)}m_{010}^{(22)}m_{120}^{(20)}m_{111}^{(10)}\\
&+3m_{000}^{(20)}m_{010}^{(22)}m_{111}^{(00)}m_{111}^{(11)} - 2m_{000}^{(20)}m_{010}^{(22)}m_{111}^{(00)}m_{030}^{(20)} + 3m_{000}^{(20)}m_{010}^{(22)}m_{111}^{(00)}m_{021}^{(10)}\\
&-3m_{000}^{(20)}m_{010}^{(22)}(m_{111}^{(10)})^2 - 3m_{000}^{(20)}m_{010}^{(22)}m_{111}^{(10)}m_{021}^{(00)} + 2m_{000}^{(20)}m_{010}^{(22)}m_{111}^{(20)}m_{030}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{210}^{(11)}m_{021}^{(22)} - m_{000}^{(20)}m_{001}^{(00)}m_{210}^{(21)}m_{030}^{(22)} - m_{000}^{(20)}m_{001}^{(00)}m_{210}^{(21)}m_{021}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{210}^{(22)}m_{030}^{(21)} - m_{000}^{(20)}m_{001}^{(00)}m_{201}^{(11)}m_{021}^{(21)} + m_{000}^{(20)}m_{001}^{(00)}m_{201}^{(21)}m_{030}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{201}^{(21)}m_{021}^{(11)} - m_{000}^{(20)}m_{001}^{(00)}m_{201}^{(22)}m_{030}^{(11)} - 2m_{000}^{(20)}m_{001}^{(00)}m_{120}^{(10)}m_{021}^{(22)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{120}^{(10)}m_{012}^{(21)} - m_{000}^{(20)}m_{001}^{(00)}m_{120}^{(11)}m_{012}^{(20)} + 2m_{000}^{(20)}m_{001}^{(00)}m_{120}^{(20)}m_{030}^{(22)}\\
&-m_{000}^{(20)}m_{001}^{(00)}m_{120}^{(20)}m_{021}^{(21)} + 3m_{000}^{(20)}m_{001}^{(00)}m_{120}^{(21)}m_{021}^{(20)} - 2m_{000}^{(20)}m_{001}^{(00)}m_{120}^{(22)}m_{030}^{(20)}\\
&+3m_{000}^{(20)}m_{001}^{(00)}m_{111}^{(10)}m_{021}^{(21)} - m_{000}^{(20)}m_{001}^{(00)}m_{111}^{(10)}m_{012}^{(11)} - m_{000}^{(20)}m_{001}^{(00)}m_{111}^{(11)}m_{021}^{(20)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{111}^{(11)}m_{012}^{(10)} - 3m_{000}^{(20)}m_{001}^{(00)}m_{111}^{(20)}m_{030}^{(21)} + m_{000}^{(20)}m_{001}^{(00)}m_{111}^{(20)}m_{021}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{111}^{(21)}m_{030}^{(20)} - 3m_{000}^{(20)}m_{001}^{(00)}m_{111}^{(21)}m_{021}^{(10)} + 2m_{000}^{(20)}m_{001}^{(00)}m_{111}^{(22)}m_{030}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(00)}m_{102}^{(10)}m_{021}^{(11)} + m_{000}^{(20)}m_{001}^{(00)}m_{102}^{(11)}m_{021}^{(10)} + m_{000}^{(20)}m_{001}^{(00)}m_{102}^{(20)}m_{030}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(00)}m_{102}^{(21)}m_{030}^{(10)} - m_{000}^{(20)}m_{001}^{(10)}m_{300}^{(11)}m_{021}^{(22)} + m_{000}^{(20)}m_{001}^{(10)}m_{300}^{(21)}m_{030}^{(22)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{300}^{(21)}m_{021}^{(21)} - m_{000}^{(20)}m_{001}^{(10)}m_{300}^{(22)}m_{030}^{(21)} + m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(10)}m_{021}^{(22)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(10)}m_{012}^{(21)} + m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(11)}m_{012}^{(20)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(20)}m_{030}^{(22)}\\
&+2m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(20)}m_{021}^{(21)} + m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(21)}m_{120}^{(22)} - 3m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(21)}m_{021}^{(20)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(22)}m_{120}^{(21)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(22)}m_{030}^{(20)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(11)}m_{021}^{(20)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(20)}m_{030}^{(21)} - m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(20)}m_{021}^{(11)} - m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(21)}m_{120}^{(21)}\\
&-2m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(21)}m_{030}^{(20)} - m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(21)}m_{021}^{(10)} + m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(22)}m_{120}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(22)}m_{030}^{(10)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(00)}m_{021}^{(22)} - m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(00)}m_{012}^{(21)}\\
&-2m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(10)}m_{111}^{(22)} + m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(10)}m_{102}^{(21)} + m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(10)}m_{012}^{(20)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(11)}m_{102}^{(20)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(20)}m_{021}^{(20)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(21)}m_{111}^{(20)}\\
&-3m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(00)}m_{021}^{(21)} + m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(00)}m_{012}^{(11)} + m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(10)}m_{111}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(10)}m_{021}^{(20)} - m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(11)}m_{111}^{(20)} - m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(11)}m_{012}^{(00)}\\
&+2m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(20)}m_{030}^{(20)} + m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(20)}m_{021}^{(10)} + 3m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(21)}m_{021}^{(00)}\\
&-2m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(22)}m_{030}^{(00)} + m_{000}^{(20)}m_{001}^{(10)}m_{102}^{(00)}m_{021}^{(11)} - m_{000}^{(20)}m_{001}^{(10)}m_{102}^{(11)}m_{021}^{(00)}\\
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&+2m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(20)}m_{120}^{(22)} - m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(20)}m_{111}^{(21)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(20)}m_{021}^{(20)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(21)}m_{111}^{(20)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(22)}m_{120}^{(20)} + m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(00)}m_{021}^{(21)}
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&-2m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(10)}m_{021}^{(20)} - m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(20)}m_{120}^{(21)} + m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(20)}m_{021}^{(10)}\\
&+2m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(21)}m_{120}^{(20)} - m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(22)}m_{120}^{(10)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{120}^{(00)}m_{111}^{(22)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{120}^{(00)}m_{102}^{(21)} + m_{000}^{(20)}m_{001}^{(11)}m_{120}^{(10)}m_{102}^{(20)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{120}^{(20)}m_{111}^{(20)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{111}^{(00)}m_{111}^{(21)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{111}^{(00)}m_{021}^{(20)} - m_{000}^{(20)}m_{001}^{(11)}m_{111}^{(00)}m_{012}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{111}^{(10)}m_{111}^{(20)} + m_{000}^{(20)}m_{001}^{(11)}m_{111}^{(10)}m_{012}^{(00)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{111}^{(20)}m_{021}^{(00)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{102}^{(00)}m_{021}^{(10)} + m_{000}^{(20)}m_{001}^{(11)}m_{102}^{(10)}m_{021}^{(00)} + m_{000}^{(20)}m_{001}^{(20)}m_{300}^{(11)}m_{021}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{300}^{(21)}m_{030}^{(21)} - m_{000}^{(20)}m_{001}^{(20)}m_{300}^{(21)}m_{021}^{(11)} + m_{000}^{(20)}m_{001}^{(20)}m_{300}^{(22)}m_{030}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(10)}m_{030}^{(22)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(10)}m_{021}^{(21)} + m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(10)}m_{012}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(11)}m_{120}^{(22)} - m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(11)}m_{021}^{(20)} - m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(11)}m_{012}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(20)}m_{030}^{(21)} - m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(20)}m_{021}^{(11)} + m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(21)}m_{120}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(21)}m_{030}^{(20)} + 4m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(21)}m_{021}^{(10)} - 3m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(22)}m_{030}^{(10)}\\
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&+m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(10)}m_{111}^{(21)} - m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(10)}m_{102}^{(11)} + m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(10)}m_{021}^{(20)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(10)}m_{012}^{(10)} + m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(11)}m_{111}^{(20)} + m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(11)}m_{102}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(11)}m_{012}^{(00)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(20)}m_{120}^{(21)} + m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(20)}m_{111}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(20)}m_{021}^{(10)} - 3m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(21)}m_{111}^{(10)} - 3m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(21)}m_{021}^{(00)}\\
&+2m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(22)}m_{030}^{(00)} + 3m_{000}^{(20)}m_{001}^{(20)}m_{111}^{(00)}m_{030}^{(21)} - m_{000}^{(20)}m_{001}^{(20)}m_{111}^{(00)}m_{021}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{111}^{(10)}m_{030}^{(20)} + m_{000}^{(20)}m_{001}^{(20)}m_{111}^{(11)}m_{021}^{(00)} - m_{000}^{(20)}m_{001}^{(20)}m_{111}^{(20)}m_{030}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{111}^{(21)}m_{030}^{(00)} - m_{000}^{(20)}m_{001}^{(20)}m_{102}^{(00)}m_{030}^{(11)} + m_{000}^{(20)}m_{001}^{(20)}m_{102}^{(10)}m_{030}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(10)}m_{030}^{(22)} - m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(10)}m_{021}^{(21)} + m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(11)}m_{120}^{(22)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(20)}m_{030}^{(21)} + m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(20)}m_{021}^{(11)} - m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(22)}m_{120}^{(11)}\\
&+2m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(00)}m_{030}^{(22)} + m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(00)}m_{021}^{(21)} - m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(00)}m_{012}^{(11)}\\
&-2m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(10)}m_{120}^{(22)} + m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(10)}m_{111}^{(21)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(20)}m_{021}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(10)}m_{012}^{(10)} - m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(11)}m_{111}^{(20)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(20)}m_{120}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(20)}m_{111}^{(11)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(20)}m_{030}^{(20)} - 3m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(20)}m_{021}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(21)}m_{120}^{(20)} - m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(21)}m_{111}^{(10)} + 3m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(22)}m_{120}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(00)}m_{030}^{(21)} - m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(00)}m_{021}^{(11)} + m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(10)}m_{120}^{(21)}\\
&+2m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(10)}m_{030}^{(20)} + m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(10)}m_{021}^{(10)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(11)}m_{120}^{(20)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(20)}m_{120}^{(11)} - m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(20)}m_{030}^{(10)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(00)}m_{120}^{(22)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(00)}m_{111}^{(21)} + m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(00)}m_{102}^{(11)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(00)}m_{021}^{(20)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(00)}m_{012}^{(10)} - m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(10)}m_{111}^{(20)} - m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(10)}m_{102}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(10)}m_{012}^{(00)} + 2m_{000}^{(20)}m_{001}^{(21)}(m_{120}^{(20)})^2 + m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(20)}m_{111}^{(10)}\\
&+2m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(20)}m_{021}^{(00)} + m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(21)}m_{111}^{(00)} + m_{000}^{(20)}m_{001}^{(21)}m_{111}^{(00)}m_{111}^{(11)}\\
&-2m_{000}^{(20)}m_{001}^{(21)}m_{111}^{(00)}m_{030}^{(20)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{111}^{(00)}m_{021}^{(10)} - m_{000}^{(20)}m_{001}^{(21)}(m_{111}^{(10)})^2\\
&-2m_{000}^{(20)}m_{001}^{(21)}m_{111}^{(10)}m_{021}^{(00)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{111}^{(20)}m_{030}^{(00)} + m_{000}^{(20)}m_{001}^{(21)}m_{102}^{(00)}m_{030}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{102}^{(10)}m_{030}^{(00)} + m_{000}^{(20)}m_{001}^{(22)}m_{300}^{(10)}m_{030}^{(21)} - m_{000}^{(20)}m_{001}^{(22)}m_{300}^{(11)}m_{120}^{(21)}
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&-m_{000}^{(20)}m_{001}^{(22)}m_{300}^{(20)}m_{030}^{(11)}+m_{000}^{(20)}m_{001}^{(22)}m_{300}^{(21)}m_{120}^{(11)}-2m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(00)}m_{030}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(00)}m_{021}^{(11)}+2m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(10)}m_{120}^{(21)}-m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(10)}m_{111}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(10)}m_{030}^{(20)}-m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(10)}m_{021}^{(10)}+m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(11)}m_{120}^{(20)}\\
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&+m_{000}^{(20)}m_{001}^{(22)}m_{201}^{(00)}m_{030}^{(11)}-m_{000}^{(20)}m_{001}^{(22)}m_{201}^{(10)}m_{120}^{(11)}-m_{000}^{(20)}m_{001}^{(22)}m_{201}^{(10)}m_{030}^{(10)}\\
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&+2m_{000}^{(20)}m_{001}^{(22)}m_{120}^{(00)}m_{030}^{(20)}-m_{000}^{(20)}m_{001}^{(22)}m_{120}^{(00)}m_{021}^{(10)}-2m_{000}^{(20)}m_{001}^{(22)}m_{120}^{(10)}m_{120}^{(20)}\\
&+2m_{000}^{(20)}m_{001}^{(22)}m_{120}^{(10)}m_{111}^{(10)}+m_{000}^{(20)}m_{001}^{(22)}m_{120}^{(10)}m_{021}^{(00)}-m_{000}^{(20)}m_{001}^{(22)}m_{120}^{(11)}m_{111}^{(00)}\\
&-2m_{000}^{(20)}m_{001}^{(22)}m_{120}^{(20)}m_{030}^{(00)}-m_{000}^{(20)}m_{001}^{(22)}m_{111}^{(00)}m_{030}^{(10)}+m_{000}^{(20)}m_{001}^{(22)}m_{111}^{(10)}m_{030}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(00)}m_{210}^{(11)}m_{012}^{(22)}-2m_{000}^{(21)}m_{100}^{(00)}m_{210}^{(21)}m_{021}^{(22)}-2m_{000}^{(21)}m_{100}^{(00)}m_{210}^{(21)}m_{012}^{(21)}\\
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&+2m_{000}^{(21)}m_{100}^{(00)}m_{201}^{(21)}m_{012}^{(11)}-2m_{000}^{(21)}m_{100}^{(00)}m_{201}^{(22)}m_{021}^{(11)}-3m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(10)}m_{012}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(10)}m_{003}^{(21)}-m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(11)}m_{003}^{(20)}+3m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(20)}m_{021}^{(22)}\\
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&+m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(10)}m_{021}^{(21)}-3m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(10)}m_{012}^{(11)}+3m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(11)}m_{012}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(20)}m_{030}^{(21)}+3m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(20)}m_{021}^{(11)}-4m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(21)}m_{021}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(22)}m_{030}^{(10)}-2m_{000}^{(21)}m_{100}^{(10)}m_{300}^{(11)}m_{012}^{(22)}+2m_{000}^{(21)}m_{100}^{(10)}m_{300}^{(21)}m_{021}^{(22)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{300}^{(21)}m_{012}^{(21)}-2m_{000}^{(21)}m_{100}^{(10)}m_{300}^{(22)}m_{021}^{(21)}+m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(10)}m_{012}^{(22)}\\
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&+3m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(20)}m_{012}^{(21)}+2m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(21)}m_{111}^{(22)}-4m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(21)}m_{012}^{(20)}\\
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&+3m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(20)}m_{021}^{(21)}-2m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(20)}m_{012}^{(11)}-2m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(21)}m_{111}^{(21)}\\
&-6m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(21)}m_{021}^{(20)}-2m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(21)}m_{012}^{(10)}+2m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(22)}m_{111}^{(11)}\\
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&-2m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(20)}m_{111}^{(22)}+m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(20)}m_{102}^{(21)}-3m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(20)}m_{012}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(22)}m_{111}^{(20)}+m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(00)}m_{021}^{(22)}-6m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(00)}m_{012}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(00)}m_{003}^{(11)}-3m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(10)}m_{111}^{(22)}+3m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(10)}m_{102}^{(21)}\\
&-3m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(11)}m_{102}^{(20)}-m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(20)}m_{003}^{(00)}+3m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(20)}m_{111}^{(21)}\\
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&+m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(21)}m_{102}^{(10)}+4m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(21)}m_{012}^{(00)}-3m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(22)}m_{021}^{(00)}\\
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&-3m_{000}^{(21)}m_{100}^{(10)}m_{102}^{(11)}m_{012}^{(00)}+m_{000}^{(21)}m_{100}^{(10)}m_{102}^{(20)}m_{030}^{(20)}-2m_{000}^{(21)}m_{100}^{(10)}m_{102}^{(20)}m_{021}^{(10)}
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&+4m_{000}^{(21)}m_{100}^{(10)}m_{102}^{(21)}m_{021}^{(00)} - m_{000}^{(21)}m_{100}^{(10)}m_{102}^{(22)}m_{030}^{(00)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{300}^{(10)}m_{012}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(11)}m_{300}^{(20)}m_{012}^{(21)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{300}^{(21)}m_{111}^{(22)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{300}^{(22)}m_{111}^{(21)}\\
&-3m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(00)}m_{012}^{(22)} + m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(00)}m_{003}^{(21)} - m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(10)}m_{003}^{(20)}\\
&+3m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(20)}m_{111}^{(22)} - m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(20)}m_{102}^{(21)} + 3m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(20)}m_{012}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(21)}m_{102}^{(20)} - 3m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(22)}m_{111}^{(20)} - m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(00)}m_{021}^{(22)}\\
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&+5m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(21)}m_{111}^{(20)} - m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(22)}m_{120}^{(20)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(22)}m_{111}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{120}^{(00)}m_{102}^{(22)} - m_{000}^{(21)}m_{100}^{(11)}m_{120}^{(20)}m_{102}^{(20)} + 3m_{000}^{(21)}m_{100}^{(11)}m_{111}^{(00)}m_{111}^{(22)}\\
&-3m_{000}^{(21)}m_{100}^{(11)}m_{111}^{(00)}m_{102}^{(21)} + 3m_{000}^{(21)}m_{100}^{(11)}m_{111}^{(00)}m_{012}^{(20)} - m_{000}^{(21)}m_{100}^{(11)}m_{111}^{(00)}m_{003}^{(10)}\\
&+3m_{000}^{(21)}m_{100}^{(11)}m_{111}^{(10)}m_{102}^{(20)} + m_{000}^{(21)}m_{100}^{(11)}m_{111}^{(10)}m_{003}^{(00)} - 3m_{000}^{(21)}m_{100}^{(11)}(m_{111}^{(20)})^2\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{111}^{(20)}m_{102}^{(10)} - 3m_{000}^{(21)}m_{100}^{(11)}m_{111}^{(20)}m_{012}^{(00)} - m_{000}^{(21)}m_{100}^{(11)}m_{111}^{(21)}m_{102}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{102}^{(00)}m_{021}^{(20)} - 3m_{000}^{(21)}m_{100}^{(11)}m_{102}^{(00)}m_{012}^{(10)} + 3m_{000}^{(21)}m_{100}^{(11)}m_{102}^{(10)}m_{012}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{102}^{(20)}m_{021}^{(00)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{300}^{(11)}m_{012}^{(21)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{300}^{(21)}m_{021}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{300}^{(21)}m_{012}^{(11)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{300}^{(22)}m_{021}^{(11)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(10)}m_{021}^{(22)}\\
&-3m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(10)}m_{012}^{(21)} + m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(10)}m_{003}^{(11)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(11)}m_{111}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(11)}m_{012}^{(20)} - m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(11)}m_{003}^{(10)} + m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(20)}m_{021}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(20)}m_{012}^{(11)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(21)}m_{111}^{(21)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(21)}m_{021}^{(20)}\\
&+6m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(21)}m_{012}^{(10)} - 5m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(22)}m_{021}^{(10)} - 3m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(10)}m_{021}^{(21)}\\
&+3m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(10)}m_{012}^{(11)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(11)}m_{111}^{(21)} - 3m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(11)}m_{012}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(20)}m_{030}^{(21)} - m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(20)}m_{021}^{(11)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(21)}m_{111}^{(11)}\\
&+4m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(21)}m_{021}^{(10)} - m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(22)}m_{030}^{(10)} - 3m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(00)}m_{021}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(00)}m_{012}^{(21)} + 3m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(10)}m_{111}^{(22)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(10)}m_{012}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(10)}m_{003}^{(10)} + m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(11)}m_{102}^{(20)} + m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(11)}m_{003}^{(00)}\\
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&+3m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(22)}m_{021}^{(00)} - m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(00)}m_{030}^{(22)} + 6m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(00)}m_{021}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(00)}m_{012}^{(11)} - 3m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(10)}m_{111}^{(21)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(10)}m_{102}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(10)}m_{021}^{(20)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(10)}m_{012}^{(10)} + 3m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(11)}m_{111}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(11)}m_{102}^{(10)} + 3m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(11)}m_{012}^{(00)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(21)}m_{021}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(22)}m_{030}^{(00)} + m_{000}^{(21)}m_{100}^{(20)}m_{102}^{(00)}m_{030}^{(21)} - 3m_{000}^{(21)}m_{100}^{(20)}m_{102}^{(00)}m_{021}^{(11)}\\
&+3m_{000}^{(21)}m_{100}^{(20)}m_{102}^{(10)}m_{021}^{(10)} - m_{000}^{(21)}m_{100}^{(20)}m_{102}^{(20)}m_{030}^{(10)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(10)}m_{021}^{(22)}\\
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&+2m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(20)}m_{012}^{(11)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(22)}m_{111}^{(11)} + 3m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(00)}m_{021}^{(22)}\\
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&+m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(10)}m_{102}^{(21)} + 3m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(10)}m_{012}^{(20)} + m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(10)}m_{003}^{(10)}\\
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&-m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(21)}m_{102}^{(10)}+5m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(22)}m_{111}^{(10)}+m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(00)}m_{030}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(00)}m_{021}^{(21)}-3m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(00)}m_{012}^{(11)}-m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(10)}m_{120}^{(22)}\\
&+3m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(10)}m_{111}^{(21)}+5m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(10)}m_{021}^{(20)}+3m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(10)}m_{012}^{(10)}\\
&-5m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(11)}m_{111}^{(20)}-m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(20)}m_{120}^{(21)}+3m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(20)}m_{111}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(20)}m_{030}^{(20)}-3m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(20)}m_{021}^{(10)}+m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(21)}m_{120}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(21)}m_{111}^{(10)}+m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(22)}m_{120}^{(10)}-m_{000}^{(21)}m_{100}^{(21)}m_{120}^{(00)}m_{111}^{(22)}\\
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&-m_{000}^{(21)}m_{100}^{(21)}m_{120}^{(10)}m_{003}^{(00)}+4m_{000}^{(21)}m_{100}^{(21)}m_{120}^{(20)}m_{111}^{(20)}+3m_{000}^{(21)}m_{100}^{(21)}m_{120}^{(20)}m_{012}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{120}^{(21)}m_{102}^{(00)}-3m_{000}^{(21)}m_{100}^{(21)}m_{120}^{(22)}m_{111}^{(00)}+3m_{000}^{(21)}m_{100}^{(21)}m_{111}^{(00)}m_{102}^{(11)}\\
&-4m_{000}^{(21)}m_{100}^{(21)}m_{111}^{(00)}m_{021}^{(20)}+4m_{000}^{(21)}m_{100}^{(21)}m_{111}^{(00)}m_{012}^{(10)}-4m_{000}^{(21)}m_{100}^{(21)}m_{111}^{(10)}m_{102}^{(10)}\\
&-4m_{000}^{(21)}m_{100}^{(21)}m_{111}^{(10)}m_{012}^{(00)}+m_{000}^{(21)}m_{100}^{(21)}m_{111}^{(11)}m_{102}^{(00)}+4m_{000}^{(21)}m_{100}^{(21)}m_{111}^{(20)}m_{021}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{102}^{(00)}m_{030}^{(20)}+3m_{000}^{(21)}m_{100}^{(21)}m_{102}^{(00)}m_{021}^{(10)}-3m_{000}^{(21)}m_{100}^{(21)}m_{102}^{(10)}m_{021}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{102}^{(20)}m_{030}^{(00)}+2m_{000}^{(21)}m_{100}^{(22)}m_{300}^{(10)}m_{021}^{(21)}-2m_{000}^{(21)}m_{100}^{(22)}m_{300}^{(11)}m_{111}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(22)}m_{300}^{(20)}m_{021}^{(11)}+2m_{000}^{(21)}m_{100}^{(22)}m_{300}^{(21)}m_{111}^{(11)}-3m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(00)}m_{021}^{(21)}\\
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&-2m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(10)}m_{021}^{(20)}-m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(10)}m_{012}^{(10)}+2m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(11)}m_{111}^{(20)}\\
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&+m_{000}^{(21)}m_{010}^{(00)}m_{201}^{(20)}m_{021}^{(21)}-m_{000}^{(21)}m_{010}^{(00)}m_{201}^{(20)}m_{012}^{(11)}-2m_{000}^{(21)}m_{010}^{(00)}m_{201}^{(21)}m_{111}^{(21)}\\
&-2m_{000}^{(21)}m_{010}^{(00)}m_{201}^{(21)}m_{102}^{(11)}+2m_{000}^{(21)}m_{010}^{(00)}m_{201}^{(21)}m_{012}^{(10)}+2m_{000}^{(21)}m_{010}^{(00)}m_{201}^{(22)}m_{111}^{(11)}\\
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&+2m_{000}^{(21)}m_{010}^{(10)}m_{300}^{(22)}m_{111}^{(21)} - m_{000}^{(21)}m_{010}^{(10)}m_{300}^{(22)}m_{021}^{(20)} - m_{000}^{(21)}m_{010}^{(10)}m_{210}^{(00)}m_{012}^{(22)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{210}^{(00)}m_{003}^{(21)} + m_{000}^{(21)}m_{010}^{(10)}m_{210}^{(10)}m_{102}^{(22)} - m_{000}^{(21)}m_{010}^{(10)}m_{210}^{(10)}m_{003}^{(20)}\\
&+2m_{000}^{(21)}m_{010}^{(10)}m_{210}^{(20)}m_{111}^{(22)} - 3m_{000}^{(21)}m_{010}^{(10)}m_{210}^{(20)}m_{102}^{(21)} + m_{000}^{(21)}m_{010}^{(10)}m_{210}^{(20)}m_{012}^{(20)}\\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{210}^{(21)}m_{201}^{(22)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{210}^{(21)}m_{102}^{(20)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{210}^{(22)}m_{201}^{(21)}\\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{210}^{(22)}m_{111}^{(20)} + m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(00)}m_{012}^{(21)} - m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(00)}m_{003}^{(11)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(10)}m_{111}^{(22)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(10)}m_{102}^{(21)} + m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(10)}m_{012}^{(20)}\\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(11)}m_{201}^{(22)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(11)}m_{102}^{(20)} + m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(11)}m_{003}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(20)}m_{120}^{(22)} - m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(20)}m_{111}^{(21)} + 3m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(20)}m_{102}^{(11)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(20)}m_{021}^{(20)} + 2m_{000}^{(21)}m_{010}^{(10)}(m_{201}^{(21)})^2 + m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(21)}m_{111}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(21)}m_{102}^{(10)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(21)}m_{012}^{(00)} + m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(22)}m_{120}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(22)}m_{111}^{(10)} + m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(22)}m_{021}^{(00)} - m_{000}^{(21)}m_{010}^{(10)}m_{120}^{(00)}m_{102}^{(22)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{120}^{(20)}m_{102}^{(20)} + m_{000}^{(21)}m_{010}^{(10)}m_{111}^{(00)}m_{111}^{(22)} + m_{000}^{(21)}m_{010}^{(10)}m_{111}^{(00)}m_{102}^{(21)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{111}^{(10)}m_{102}^{(20)} - m_{000}^{(21)}m_{010}^{(10)}(m_{111}^{(20)})^2 - m_{000}^{(21)}m_{010}^{(10)}m_{111}^{(20)}m_{102}^{(10)}\\
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&-2m_{000}^{(21)}m_{010}^{(11)}m_{300}^{(10)}m_{102}^{(22)} + m_{000}^{(21)}m_{010}^{(11)}m_{300}^{(10)}m_{003}^{(20)} - m_{000}^{(21)}m_{010}^{(11)}m_{300}^{(20)}m_{111}^{(22)}\\
&+3m_{000}^{(21)}m_{010}^{(11)}m_{300}^{(20)}m_{102}^{(21)} - m_{000}^{(21)}m_{010}^{(11)}m_{300}^{(20)}m_{012}^{(20)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{300}^{(21)}m_{201}^{(22)}\\
&-m_{000}^{(21)}m_{010}^{(11)}m_{300}^{(21)}m_{102}^{(20)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{300}^{(22)}m_{201}^{(21)} + m_{000}^{(21)}m_{010}^{(11)}m_{300}^{(22)}m_{111}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(11)}m_{210}^{(00)}m_{102}^{(22)} - m_{000}^{(21)}m_{010}^{(11)}m_{210}^{(20)}m_{201}^{(22)} - m_{000}^{(21)}m_{010}^{(11)}m_{210}^{(20)}m_{102}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(11)}m_{210}^{(22)}m_{201}^{(20)} - m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(00)}m_{111}^{(22)} - m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(00)}m_{012}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(00)}m_{003}^{(10)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(10)}m_{201}^{(22)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(10)}m_{102}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(10)}m_{003}^{(00)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(20)}m_{201}^{(21)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(20)}m_{111}^{(20)}\\
&-3m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(20)}m_{102}^{(10)} + m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(20)}m_{012}^{(00)} + m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(21)}m_{102}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(22)}m_{111}^{(00)} - m_{000}^{(21)}m_{010}^{(11)}m_{111}^{(00)}m_{102}^{(22)} + m_{000}^{(21)}m_{010}^{(11)}m_{111}^{(00)}m_{102}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(10)}m_{012}^{(21)} - m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(10)}m_{003}^{(11)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(11)}m_{102}^{(21)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{300}^{(11)}m_{003}^{(10)} - m_{000}^{(21)}m_{010}^{(20)}m_{300}^{(20)}m_{021}^{(21)} + m_{000}^{(21)}m_{010}^{(20)}m_{300}^{(20)}m_{012}^{(11)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{300}^{(21)}m_{111}^{(21)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{300}^{(21)}m_{102}^{(11)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{300}^{(21)}m_{012}^{(10)}\\
&-2m_{000}^{(21)}m_{010}^{(20)}m_{300}^{(22)}m_{111}^{(11)} + m_{000}^{(21)}m_{010}^{(20)}m_{300}^{(22)}m_{021}^{(10)} + m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(00)}m_{021}^{(22)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(00)}m_{012}^{(21)} - 3m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(10)}m_{111}^{(22)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(10)}m_{102}^{(21)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(10)}m_{003}^{(10)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(11)}m_{201}^{(22)} + m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(11)}m_{102}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(11)}m_{003}^{(00)} + m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(20)}m_{111}^{(21)} - m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(20)}m_{012}^{(10)}\\
&-2m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(21)}m_{201}^{(21)} - m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(21)}m_{111}^{(20)} - 3m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(21)}m_{102}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(21)}m_{012}^{(00)} + 3m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(22)}m_{111}^{(10)} - m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(22)}m_{021}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(00)}m_{021}^{(21)} + m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(00)}m_{012}^{(11)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(10)}m_{111}^{(21)}\\
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&+m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(20)}m_{120}^{(21)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(20)}m_{111}^{(11)} + m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(20)}m_{021}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(22)}m_{120}^{(10)} + m_{000}^{(21)}m_{010}^{(20)}m_{120}^{(00)}m_{111}^{(22)} - m_{000}^{(21)}m_{010}^{(20)}m_{120}^{(10)}m_{102}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{120}^{(21)}m_{102}^{(00)} - m_{000}^{(21)}m_{010}^{(20)}m_{120}^{(22)}m_{111}^{(00)} - m_{000}^{(21)}m_{010}^{(20)}m_{111}^{(00)}m_{111}^{(21)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{111}^{(10)}m_{111}^{(20)} - m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(00)}m_{021}^{(22)} + m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(00)}m_{003}^{(11)}
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&+3m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(10)}m_{111}^{(22)} + m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(10)}m_{102}^{(21)} - m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(10)}m_{012}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(10)}m_{003}^{(10)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(11)}m_{201}^{(22)} + m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(11)}m_{102}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(20)}m_{111}^{(21)} - 3m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(20)}m_{102}^{(11)} + m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(20)}m_{021}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(20)}m_{012}^{(10)} - m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(21)}m_{111}^{(20)} + m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(21)}m_{102}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(22)}m_{201}^{(11)} - m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(22)}m_{111}^{(10)} - m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(00)}m_{111}^{(22)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(00)}m_{102}^{(21)} + m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(00)}m_{012}^{(20)} - m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(00)}m_{003}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(10)}m_{201}^{(22)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(10)}m_{102}^{(20)} + m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(10)}m_{003}^{(00)}\\
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&+2m_{000}^{(21)}m_{010}^{(22)}m_{300}^{(20)}m_{111}^{(11)} - m_{000}^{(21)}m_{010}^{(22)}m_{300}^{(20)}m_{021}^{(10)} - 2m_{000}^{(21)}m_{010}^{(22)}m_{300}^{(21)}m_{201}^{(11)}\\
&+m_{000}^{(21)}m_{010}^{(22)}m_{300}^{(21)}m_{111}^{(10)} + m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(00)}m_{111}^{(21)} - m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(00)}m_{021}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(00)}m_{012}^{(10)} - m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(10)}m_{201}^{(21)} + 3m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(10)}m_{111}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(10)}m_{102}^{(10)} - m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(10)}m_{012}^{(00)} - 2m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(11)}m_{201}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(11)}m_{102}^{(00)} - 3m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(20)}m_{111}^{(10)} + m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(20)}m_{021}^{(00)}\\
&+3m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(21)}m_{201}^{(10)} - m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(21)}m_{111}^{(00)} - m_{000}^{(21)}m_{010}^{(22)}m_{201}^{(00)}m_{120}^{(21)}\\
&+m_{000}^{(21)}m_{010}^{(22)}m_{201}^{(20)}m_{120}^{(10)} - m_{000}^{(21)}m_{010}^{(22)}m_{120}^{(00)}m_{111}^{(20)} + m_{000}^{(21)}m_{010}^{(22)}m_{120}^{(20)}m_{111}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{210}^{(10)}m_{021}^{(22)} - m_{000}^{(21)}m_{001}^{(00)}m_{210}^{(10)}m_{012}^{(21)} - 2m_{000}^{(21)}m_{001}^{(00)}m_{210}^{(11)}m_{111}^{(22)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{210}^{(11)}m_{012}^{(20)} - m_{000}^{(21)}m_{001}^{(00)}m_{210}^{(20)}m_{030}^{(22)} + m_{000}^{(21)}m_{001}^{(00)}m_{210}^{(20)}m_{021}^{(21)}\\
&+2m_{000}^{(21)}m_{001}^{(00)}m_{210}^{(21)}m_{120}^{(22)} + 2m_{000}^{(21)}m_{001}^{(00)}m_{210}^{(21)}m_{111}^{(21)} - 2m_{000}^{(21)}m_{001}^{(00)}m_{210}^{(21)}m_{021}^{(20)}\\
&-2m_{000}^{(21)}m_{001}^{(00)}m_{210}^{(22)}m_{120}^{(21)} + m_{000}^{(21)}m_{001}^{(00)}m_{210}^{(22)}m_{030}^{(20)} - m_{000}^{(21)}m_{001}^{(00)}m_{201}^{(10)}m_{021}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{201}^{(10)}m_{012}^{(11)} + 2m_{000}^{(21)}m_{001}^{(00)}m_{201}^{(11)}m_{111}^{(21)} - m_{000}^{(21)}m_{001}^{(00)}m_{201}^{(11)}m_{012}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{201}^{(20)}m_{030}^{(21)} - m_{000}^{(21)}m_{001}^{(00)}m_{201}^{(20)}m_{021}^{(11)} - 2m_{000}^{(21)}m_{001}^{(00)}m_{201}^{(21)}m_{120}^{(21)}\\
&-2m_{000}^{(21)}m_{001}^{(00)}m_{201}^{(21)}m_{111}^{(11)} + 2m_{000}^{(21)}m_{001}^{(00)}m_{201}^{(21)}m_{021}^{(10)} + 2m_{000}^{(21)}m_{001}^{(00)}m_{201}^{(22)}m_{120}^{(11)}\\
&-m_{000}^{(21)}m_{001}^{(00)}m_{201}^{(22)}m_{030}^{(10)} + m_{000}^{(21)}m_{001}^{(00)}m_{120}^{(10)}m_{102}^{(21)} - m_{000}^{(21)}m_{001}^{(00)}m_{120}^{(11)}m_{102}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(00)}m_{120}^{(20)}m_{111}^{(21)} + m_{000}^{(21)}m_{001}^{(00)}m_{120}^{(21)}m_{111}^{(20)} - m_{000}^{(21)}m_{001}^{(00)}m_{111}^{(10)}m_{111}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(00)}m_{111}^{(10)}m_{102}^{(11)} + m_{000}^{(21)}m_{001}^{(00)}m_{111}^{(11)}m_{111}^{(20)} + m_{000}^{(21)}m_{001}^{(00)}m_{111}^{(11)}m_{102}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{300}^{(10)}m_{021}^{(22)} + m_{000}^{(21)}m_{001}^{(10)}m_{300}^{(10)}m_{012}^{(21)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{300}^{(11)}m_{111}^{(22)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{300}^{(11)}m_{012}^{(20)} + m_{000}^{(21)}m_{001}^{(10)}m_{300}^{(20)}m_{030}^{(22)} - m_{000}^{(21)}m_{001}^{(10)}m_{300}^{(20)}m_{021}^{(21)}\\
&-2m_{000}^{(21)}m_{001}^{(10)}m_{300}^{(21)}m_{120}^{(22)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{300}^{(21)}m_{111}^{(21)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{300}^{(21)}m_{021}^{(20)}\\
&+2m_{000}^{(21)}m_{001}^{(10)}m_{300}^{(22)}m_{120}^{(21)} - m_{000}^{(21)}m_{001}^{(10)}m_{300}^{(22)}m_{030}^{(20)} - m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(00)}m_{021}^{(22)}
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&+m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(00)}m_{012}^{(21)}+2m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(10)}m_{111}^{(22)}-m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(10)}m_{102}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(10)}m_{012}^{(20)}-2m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(11)}m_{201}^{(22)}+m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(11)}m_{102}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(20)}m_{120}^{(22)}-2m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(20)}m_{111}^{(21)}+m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(20)}m_{021}^{(20)}\\
&+2m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(21)}m_{201}^{(21)}-m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(22)}m_{120}^{(20)}+m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(00)}m_{021}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(00)}m_{012}^{(11)}-m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(10)}m_{111}^{(21)}+m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(10)}m_{021}^{(20)}\\
&-3m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(11)}m_{111}^{(20)}+m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(11)}m_{012}^{(00)}-2m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(20)}m_{120}^{(21)}\\
&+3m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(20)}m_{111}^{(11)}-m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(20)}m_{030}^{(20)}+3m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(21)}m_{120}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(21)}m_{111}^{(10)}-2m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(21)}m_{021}^{(00)}-m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(22)}m_{120}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(22)}m_{030}^{(00)}-m_{000}^{(21)}m_{001}^{(10)}m_{120}^{(00)}m_{102}^{(21)}+m_{000}^{(21)}m_{001}^{(10)}m_{120}^{(10)}m_{102}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{111}^{(00)}m_{111}^{(21)}+m_{000}^{(21)}m_{001}^{(10)}m_{111}^{(00)}m_{102}^{(11)}-m_{000}^{(21)}m_{001}^{(10)}m_{111}^{(10)}m_{111}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{111}^{(11)}m_{102}^{(00)}+m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(00)}m_{021}^{(22)}-m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(00)}m_{012}^{(21)}\\
&-2m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(10)}m_{111}^{(22)}+m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(10)}m_{012}^{(20)}-m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(20)}m_{120}^{(22)}\\
&+3m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(20)}m_{111}^{(21)}-m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(20)}m_{021}^{(20)}+2m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(21)}m_{210}^{(22)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(21)}m_{111}^{(20)}-2m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(22)}m_{210}^{(21)}+m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(22)}m_{120}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{210}^{(00)}m_{102}^{(21)}+2m_{000}^{(21)}m_{001}^{(11)}m_{210}^{(10)}m_{201}^{(22)}-m_{000}^{(21)}m_{001}^{(11)}m_{210}^{(10)}m_{102}^{(20)}\\
&-3m_{000}^{(21)}m_{001}^{(11)}m_{210}^{(20)}m_{201}^{(21)}+m_{000}^{(21)}m_{001}^{(11)}m_{210}^{(21)}m_{201}^{(20)}-m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(00)}m_{111}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(00)}m_{021}^{(20)}+m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(00)}m_{012}^{(10)}+3m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(10)}m_{111}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(10)}m_{012}^{(00)}+m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(20)}m_{120}^{(20)}-3m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(20)}m_{111}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(20)}m_{021}^{(00)}+m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(21)}m_{111}^{(00)}-m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(22)}m_{120}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{111}^{(00)}m_{102}^{(10)}+m_{000}^{(21)}m_{001}^{(11)}m_{111}^{(10)}m_{102}^{(00)}+m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(10)}m_{021}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(10)}m_{012}^{(11)}-2m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(11)}m_{111}^{(21)}+m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(11)}m_{012}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(20)}m_{030}^{(21)}+m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(20)}m_{021}^{(11)}+2m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(21)}m_{120}^{(21)}\\
&+2m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(21)}m_{111}^{(11)}-2m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(21)}m_{021}^{(10)}-2m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(22)}m_{120}^{(11)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(22)}m_{030}^{(10)}+m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(00)}m_{030}^{(22)}-m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(00)}m_{021}^{(21)}\\
&-3m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(10)}m_{120}^{(22)}+m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(10)}m_{111}^{(21)}+m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(10)}m_{102}^{(11)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(10)}m_{012}^{(10)}+2m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(11)}m_{210}^{(22)}+2m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(11)}m_{201}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(11)}m_{111}^{(20)}-m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(11)}m_{102}^{(10)}-m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(11)}m_{012}^{(00)}\\
&+2m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(20)}m_{120}^{(21)}-m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(20)}m_{111}^{(11)}-m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(20)}m_{021}^{(10)}\\
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&-m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(22)}m_{030}^{(00)}-m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(00)}m_{030}^{(21)}+m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(00)}m_{021}^{(11)}\\
&+3m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(10)}m_{120}^{(21)}-2m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(10)}m_{111}^{(11)}-m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(10)}m_{021}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(11)}m_{111}^{(10)}-m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(20)}m_{120}^{(11)}+m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(20)}m_{030}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(21)}m_{120}^{(10)}+m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(00)}m_{111}^{(21)}-m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(10)}m_{111}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(10)}m_{102}^{(10)}+m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(11)}m_{102}^{(00)}+m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(20)}m_{111}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(21)}m_{111}^{(00)}-m_{000}^{(21)}m_{001}^{(20)}m_{111}^{(11)}m_{111}^{(11)}+m_{000}^{(21)}m_{001}^{(20)}(m_{111}^{(10)})^2\\
&-m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(00)}m_{030}^{(22)}+m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(00)}m_{012}^{(11)}+3m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(10)}m_{120}^{(22)}\\
&+m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(10)}m_{111}^{(21)}-m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(10)}m_{021}^{(20)}-m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(10)}m_{012}^{(10)}
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&-2m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(11)}m_{210}^{(22)}+m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(11)}m_{111}^{(20)}-m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(20)}m_{120}^{(21)}\\
&-3m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(20)}m_{111}^{(11)}+m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(20)}m_{030}^{(20)}+m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(20)}m_{021}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(21)}m_{120}^{(20)}+m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(21)}m_{111}^{(10)}+2m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(22)}m_{210}^{(11)}\\
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&+m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(00)}m_{021}^{(20)}-m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(00)}m_{012}^{(10)}-2m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(10)}m_{210}^{(22)}\\
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&+m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(10)}m_{012}^{(00)}-m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(11)}m_{201}^{(20)}+2m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(20)}m_{210}^{(21)}\\
&+3m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(20)}m_{201}^{(11)}-m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(20)}m_{120}^{(20)}+3m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(20)}m_{111}^{(10)}\\
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&+m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(22)}m_{120}^{(00)}+m_{000}^{(21)}m_{001}^{(21)}m_{201}^{(00)}m_{120}^{(21)}+m_{000}^{(21)}m_{001}^{(21)}m_{201}^{(00)}m_{111}^{(11)}\\
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&+m_{000}^{(21)}m_{001}^{(21)}m_{201}^{(10)}m_{021}^{(00)}-m_{000}^{(21)}m_{001}^{(21)}m_{201}^{(11)}m_{111}^{(00)}+2m_{000}^{(21)}m_{001}^{(21)}m_{201}^{(20)}m_{120}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(21)}m_{201}^{(20)}m_{030}^{(00)}+m_{000}^{(21)}m_{001}^{(21)}m_{201}^{(21)}m_{120}^{(00)}+m_{000}^{(21)}m_{001}^{(21)}m_{120}^{(00)}m_{102}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(21)}m_{120}^{(10)}m_{102}^{(00)}+m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(00)}m_{030}^{(21)}-m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(00)}m_{021}^{(11)}\\
&-3m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(10)}m_{120}^{(21)}+m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(10)}m_{111}^{(11)}+m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(10)}m_{021}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(11)}m_{210}^{(21)}-m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(11)}m_{111}^{(10)}+2m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(20)}m_{120}^{(11)}\\
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&+m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(00)}m_{111}^{(11)}-m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(00)}m_{030}^{(20)}+m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(00)}m_{021}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(10)}m_{210}^{(21)}-m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(10)}m_{201}^{(11)}+3m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(10)}m_{120}^{(20)}\\
&-2m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(10)}m_{111}^{(10)}-m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(10)}m_{021}^{(00)}-2m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(11)}m_{210}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(11)}m_{201}^{(10)}+m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(11)}m_{111}^{(00)}-2m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(20)}m_{120}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(20)}m_{030}^{(00)}-m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(21)}m_{120}^{(00)}-m_{000}^{(21)}m_{001}^{(22)}m_{201}^{(00)}m_{120}^{(11)}\\
&+m_{000}^{(21)}m_{001}^{(22)}m_{201}^{(10)}m_{120}^{(10)}-m_{000}^{(21)}m_{001}^{(22)}m_{201}^{(00)}m_{111}^{(10)}+m_{000}^{(21)}m_{001}^{(22)}m_{120}^{(10)}m_{111}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{210}^{(11)}m_{021}^{(22)}+m_{000}^{(22)}m_{100}^{(00)}m_{210}^{(21)}m_{030}^{(22)}+m_{000}^{(22)}m_{100}^{(00)}m_{210}^{(21)}m_{021}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{210}^{(22)}m_{030}^{(21)}+m_{000}^{(22)}m_{100}^{(00)}m_{201}^{(11)}m_{021}^{(21)}-m_{000}^{(22)}m_{100}^{(00)}m_{201}^{(21)}m_{030}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{201}^{(21)}m_{021}^{(11)}+m_{000}^{(22)}m_{100}^{(00)}m_{201}^{(22)}m_{030}^{(11)}+2m_{000}^{(22)}m_{100}^{(00)}m_{120}^{(10)}m_{021}^{(22)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{120}^{(10)}m_{012}^{(21)}+m_{000}^{(22)}m_{100}^{(00)}m_{120}^{(11)}m_{012}^{(20)}-2m_{000}^{(22)}m_{100}^{(00)}m_{120}^{(20)}m_{030}^{(22)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{120}^{(20)}m_{021}^{(21)}-3m_{000}^{(22)}m_{100}^{(00)}m_{120}^{(21)}m_{021}^{(20)}+2m_{000}^{(22)}m_{100}^{(00)}m_{120}^{(22)}m_{030}^{(20)}\\
&-3m_{000}^{(22)}m_{100}^{(00)}m_{111}^{(10)}m_{021}^{(21)}+m_{000}^{(22)}m_{100}^{(00)}m_{111}^{(10)}m_{012}^{(11)}+m_{000}^{(22)}m_{100}^{(00)}m_{111}^{(11)}m_{021}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{111}^{(11)}m_{012}^{(10)}+3m_{000}^{(22)}m_{100}^{(00)}m_{111}^{(20)}m_{030}^{(21)}-m_{000}^{(22)}m_{100}^{(00)}m_{111}^{(20)}m_{021}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{111}^{(21)}m_{030}^{(20)}+3m_{000}^{(22)}m_{100}^{(00)}m_{111}^{(21)}m_{021}^{(10)}-2m_{000}^{(22)}m_{100}^{(00)}m_{111}^{(22)}m_{030}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{102}^{(10)}m_{021}^{(11)}-m_{000}^{(22)}m_{100}^{(00)}m_{102}^{(11)}m_{021}^{(10)}-m_{000}^{(22)}m_{100}^{(00)}m_{102}^{(20)}m_{030}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{102}^{(21)}m_{030}^{(10)}+m_{000}^{(22)}m_{100}^{(10)}m_{300}^{(11)}m_{021}^{(22)}-m_{000}^{(22)}m_{100}^{(10)}m_{300}^{(21)}m_{030}^{(22)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{300}^{(21)}m_{021}^{(21)}+m_{000}^{(22)}m_{100}^{(10)}m_{300}^{(22)}m_{030}^{(21)}-m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(10)}m_{021}^{(22)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(10)}m_{012}^{(21)}-m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(11)}m_{012}^{(20)}+2m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(20)}m_{030}^{(22)}\\
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&+2m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(21)}m_{030}^{(20)}+m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(21)}m_{021}^{(10)}-m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(22)}m_{120}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(22)}m_{030}^{(10)}-2m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(00)}m_{021}^{(22)}+m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(00)}m_{012}^{(21)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(10)}m_{111}^{(22)}-m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(10)}m_{102}^{(21)}-m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(10)}m_{012}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(11)}m_{102}^{(20)}+2m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(20)}m_{021}^{(20)}-2m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(21)}m_{111}^{(20)}\\
&+3m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(00)}m_{021}^{(21)}-m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(00)}m_{012}^{(11)}-m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(10)}m_{111}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(10)}m_{021}^{(20)}+m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(11)}m_{111}^{(20)}+m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(11)}m_{012}^{(00)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(20)}m_{030}^{(20)}-m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(20)}m_{021}^{(10)}-3m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(21)}m_{021}^{(00)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(22)}m_{030}^{(00)}-m_{000}^{(22)}m_{100}^{(10)}m_{102}^{(00)}m_{021}^{(11)}+m_{000}^{(22)}m_{100}^{(10)}m_{102}^{(11)}m_{021}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{102}^{(20)}m_{030}^{(10)}-m_{000}^{(22)}m_{100}^{(10)}m_{102}^{(21)}m_{030}^{(00)}-m_{000}^{(22)}m_{100}^{(11)}m_{300}^{(10)}m_{021}^{(22)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{300}^{(20)}m_{021}^{(21)}+m_{000}^{(22)}m_{100}^{(11)}m_{300}^{(21)}m_{120}^{(22)}-m_{000}^{(22)}m_{100}^{(11)}m_{300}^{(22)}m_{120}^{(21)}\\
&+2m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(00)}m_{021}^{(22)}-m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(00)}m_{012}^{(21)}+m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(10)}m_{012}^{(20)}\\
&-2m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(20)}m_{120}^{(22)}+m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(20)}m_{111}^{(21)}-2m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(20)}m_{021}^{(20)}\\
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&+2m_{000}^{(22)}m_{100}^{(11)}m_{201}^{(10)}m_{021}^{(20)}+m_{000}^{(22)}m_{100}^{(11)}m_{201}^{(20)}m_{120}^{(21)}-m_{000}^{(22)}m_{100}^{(11)}m_{201}^{(20)}m_{021}^{(10)}\\
&-2m_{000}^{(22)}m_{100}^{(11)}m_{201}^{(21)}m_{120}^{(20)}+m_{000}^{(22)}m_{100}^{(11)}m_{201}^{(22)}m_{120}^{(10)}-2m_{000}^{(22)}m_{100}^{(11)}m_{120}^{(00)}m_{111}^{(22)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{120}^{(00)}m_{102}^{(21)}-m_{000}^{(22)}m_{100}^{(11)}m_{120}^{(10)}m_{102}^{(20)}+2m_{000}^{(22)}m_{100}^{(11)}m_{120}^{(20)}m_{111}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{111}^{(00)}m_{111}^{(21)}-2m_{000}^{(22)}m_{100}^{(11)}m_{111}^{(00)}m_{021}^{(20)}+m_{000}^{(22)}m_{100}^{(11)}m_{111}^{(00)}m_{012}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{111}^{(10)}m_{111}^{(20)}-m_{000}^{(22)}m_{100}^{(11)}m_{111}^{(10)}m_{012}^{(00)}+2m_{000}^{(22)}m_{100}^{(11)}m_{111}^{(20)}m_{021}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{102}^{(00)}m_{021}^{(10)}-m_{000}^{(22)}m_{100}^{(11)}m_{102}^{(10)}m_{021}^{(00)}-m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(11)}m_{300}^{(21)}m_{021}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{300}^{(21)}m_{030}^{(21)}+m_{000}^{(22)}m_{100}^{(20)}m_{300}^{(21)}m_{021}^{(11)}-m_{000}^{(22)}m_{100}^{(20)}m_{300}^{(22)}m_{030}^{(11)}\\
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&-m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(20)}m_{030}^{(21)}+m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(20)}m_{021}^{(11)}-m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(21)}m_{120}^{(21)}\\
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&+m_{000}^{(22)}m_{100}^{(20)}m_{201}^{(10)}m_{030}^{(21)}-m_{000}^{(22)}m_{100}^{(20)}m_{201}^{(10)}m_{021}^{(11)}-m_{000}^{(22)}m_{100}^{(20)}m_{201}^{(11)}m_{120}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{201}^{(11)}m_{021}^{(10)}+m_{000}^{(22)}m_{100}^{(20)}m_{201}^{(21)}m_{120}^{(11)}-m_{000}^{(22)}m_{100}^{(20)}m_{201}^{(21)}m_{030}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(00)}m_{030}^{(22)}-m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(00)}m_{021}^{(21)}-2m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(10)}m_{120}^{(22)}\\
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&+m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(10)}m_{012}^{(10)}-m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(11)}m_{111}^{(20)}-m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(11)}m_{102}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(11)}m_{012}^{(00)}+2m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(20)}m_{120}^{(21)}-m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(20)}m_{111}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(20)}m_{021}^{(10)}+3m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(21)}m_{111}^{(10)}+3m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(21)}m_{021}^{(00)}\\
&-2m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(22)}m_{030}^{(00)}-3m_{000}^{(22)}m_{100}^{(20)}m_{111}^{(00)}m_{030}^{(21)}+m_{000}^{(22)}m_{100}^{(20)}m_{111}^{(00)}m_{021}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{111}^{(10)}m_{030}^{(20)}-m_{000}^{(22)}m_{100}^{(20)}m_{111}^{(11)}m_{021}^{(00)}+m_{000}^{(22)}m_{100}^{(20)}m_{111}^{(20)}m_{030}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{111}^{(21)}m_{030}^{(00)}+m_{000}^{(22)}m_{100}^{(20)}m_{102}^{(00)}m_{030}^{(11)}-m_{000}^{(22)}m_{100}^{(20)}m_{102}^{(10)}m_{030}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{300}^{(10)}m_{030}^{(22)}+m_{000}^{(22)}m_{100}^{(21)}m_{300}^{(10)}m_{021}^{(21)}-m_{000}^{(22)}m_{100}^{(21)}m_{300}^{(11)}m_{120}^{(22)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{300}^{(20)}m_{030}^{(21)}-m_{000}^{(22)}m_{100}^{(21)}m_{300}^{(20)}m_{021}^{(11)}+m_{000}^{(22)}m_{100}^{(21)}m_{300}^{(22)}m_{120}^{(11)}\\
&-2m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(00)}m_{030}^{(22)}-m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(00)}m_{021}^{(21)}+m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(00)}m_{012}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(10)}m_{120}^{(22)}-m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(10)}m_{111}^{(21)}-2m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(10)}m_{021}^{(20)}
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&-m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(10)}m_{012}^{(10)} + m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(11)}m_{111}^{(20)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(20)}m_{120}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(20)}m_{111}^{(11)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(20)}m_{030}^{(20)} + 3m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(20)}m_{021}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(21)}m_{120}^{(20)} + m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(21)}m_{111}^{(10)} - 3m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(22)}m_{120}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(00)}m_{030}^{(21)} + m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(00)}m_{021}^{(11)} - m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(10)}m_{120}^{(21)}\\
&-2m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(10)}m_{030}^{(20)} - m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(10)}m_{021}^{(10)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(11)}m_{120}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(20)}m_{120}^{(11)} + m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(20)}m_{030}^{(10)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(00)}m_{120}^{(22)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(00)}m_{111}^{(21)} - m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(00)}m_{102}^{(11)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(00)}m_{021}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(00)}m_{012}^{(10)} + m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(10)}m_{111}^{(20)} + m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(10)}m_{102}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(10)}m_{012}^{(00)} - 2m_{000}^{(22)}m_{100}^{(21)}(m_{120}^{(20)})^2 - m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(20)}m_{111}^{(10)}\\
&-2m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(20)}m_{021}^{(00)} - m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(21)}m_{111}^{(00)} - m_{000}^{(22)}m_{100}^{(21)}m_{111}^{(00)}m_{111}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(21)}m_{111}^{(00)}m_{030}^{(20)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{111}^{(00)}m_{021}^{(10)} + m_{000}^{(22)}m_{100}^{(21)}(m_{111}^{(10)})^2\\
&+2m_{000}^{(22)}m_{100}^{(21)}m_{111}^{(10)}m_{021}^{(00)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{111}^{(20)}m_{030}^{(00)} - m_{000}^{(22)}m_{100}^{(21)}m_{102}^{(00)}m_{030}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{102}^{(10)}m_{030}^{(00)} - m_{000}^{(22)}m_{100}^{(22)}m_{300}^{(10)}m_{030}^{(21)} + m_{000}^{(22)}m_{100}^{(22)}m_{300}^{(11)}m_{120}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(22)}m_{300}^{(20)}m_{030}^{(11)} - m_{000}^{(22)}m_{100}^{(22)}m_{300}^{(21)}m_{120}^{(11)} + 2m_{000}^{(22)}m_{100}^{(22)}m_{210}^{(00)}m_{030}^{(21)}\\
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&+m_{000}^{(22)}m_{100}^{(22)}m_{210}^{(10)}m_{030}^{(20)} + m_{000}^{(22)}m_{100}^{(22)}m_{210}^{(10)}m_{021}^{(10)} - m_{000}^{(22)}m_{100}^{(22)}m_{210}^{(11)}m_{120}^{(20)}\\
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&-m_{000}^{(22)}m_{100}^{(22)}m_{201}^{(00)}m_{030}^{(11)} + m_{000}^{(22)}m_{100}^{(22)}m_{201}^{(10)}m_{120}^{(11)} + m_{000}^{(22)}m_{100}^{(22)}m_{201}^{(10)}m_{030}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(22)}m_{201}^{(11)}m_{120}^{(10)} - 2m_{000}^{(22)}m_{100}^{(22)}m_{120}^{(00)}m_{120}^{(21)} + m_{000}^{(22)}m_{100}^{(22)}m_{120}^{(00)}m_{111}^{(11)}\\
&-2m_{000}^{(22)}m_{100}^{(22)}m_{120}^{(00)}m_{030}^{(20)} + m_{000}^{(22)}m_{100}^{(22)}m_{120}^{(00)}m_{021}^{(10)} + 2m_{000}^{(22)}m_{100}^{(22)}m_{120}^{(10)}m_{120}^{(20)}\\
&-2m_{000}^{(22)}m_{100}^{(22)}m_{120}^{(10)}m_{111}^{(10)} - m_{000}^{(22)}m_{100}^{(22)}m_{120}^{(10)}m_{021}^{(00)} + m_{000}^{(22)}m_{100}^{(22)}m_{120}^{(11)}m_{111}^{(00)}\\
&+2m_{000}^{(22)}m_{100}^{(22)}m_{120}^{(20)}m_{030}^{(00)} + m_{000}^{(22)}m_{100}^{(22)}m_{111}^{(00)}m_{030}^{(10)} - m_{000}^{(22)}m_{100}^{(22)}m_{111}^{(10)}m_{030}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{210}^{(10)}m_{021}^{(22)} + m_{000}^{(22)}m_{010}^{(00)}m_{210}^{(10)}m_{012}^{(21)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{210}^{(11)}m_{111}^{(22)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{210}^{(11)}m_{012}^{(20)} + m_{000}^{(22)}m_{010}^{(00)}m_{210}^{(20)}m_{030}^{(22)} - m_{000}^{(22)}m_{010}^{(00)}m_{210}^{(20)}m_{021}^{(21)}\\
&-2m_{000}^{(22)}m_{010}^{(00)}m_{210}^{(21)}m_{120}^{(22)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{210}^{(21)}m_{111}^{(21)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{210}^{(21)}m_{021}^{(20)}\\
&+2m_{000}^{(22)}m_{010}^{(00)}m_{210}^{(22)}m_{120}^{(21)} - m_{000}^{(22)}m_{010}^{(00)}m_{210}^{(22)}m_{030}^{(20)} + m_{000}^{(22)}m_{010}^{(00)}m_{201}^{(10)}m_{021}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{201}^{(10)}m_{012}^{(11)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{201}^{(11)}m_{111}^{(21)} + m_{000}^{(22)}m_{010}^{(00)}m_{201}^{(11)}m_{012}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{201}^{(20)}m_{030}^{(21)} + m_{000}^{(22)}m_{010}^{(00)}m_{201}^{(20)}m_{021}^{(11)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{201}^{(21)}m_{120}^{(21)}\\
&+2m_{000}^{(22)}m_{010}^{(00)}m_{201}^{(21)}m_{111}^{(11)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{201}^{(21)}m_{021}^{(10)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{201}^{(22)}m_{120}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{201}^{(22)}m_{030}^{(10)} - m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(10)}m_{102}^{(21)} + m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(11)}m_{102}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(20)}m_{111}^{(21)} - m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(21)}m_{111}^{(20)} + m_{000}^{(22)}m_{010}^{(00)}m_{111}^{(10)}m_{111}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{111}^{(10)}m_{102}^{(11)} - m_{000}^{(22)}m_{010}^{(00)}m_{111}^{(11)}m_{111}^{(20)} - m_{000}^{(22)}m_{010}^{(00)}m_{111}^{(11)}m_{102}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{300}^{(10)}m_{021}^{(22)} - m_{000}^{(22)}m_{010}^{(10)}m_{300}^{(10)}m_{012}^{(21)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{300}^{(11)}m_{111}^{(22)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{300}^{(11)}m_{012}^{(20)} - m_{000}^{(22)}m_{010}^{(10)}m_{300}^{(20)}m_{030}^{(22)} + m_{000}^{(22)}m_{010}^{(10)}m_{300}^{(20)}m_{021}^{(21)}\\
&+2m_{000}^{(22)}m_{010}^{(10)}m_{300}^{(21)}m_{120}^{(22)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{300}^{(21)}m_{111}^{(21)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{300}^{(21)}m_{021}^{(20)}\\
&-2m_{000}^{(22)}m_{010}^{(10)}m_{300}^{(22)}m_{120}^{(21)} + m_{000}^{(22)}m_{010}^{(10)}m_{300}^{(22)}m_{030}^{(20)} + m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(00)}m_{021}^{(22)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(00)}m_{012}^{(21)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(10)}m_{111}^{(22)} + m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(10)}m_{102}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(10)}m_{012}^{(20)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(11)}m_{201}^{(22)} - m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(11)}m_{102}^{(20)}
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&-m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(20)}m_{120}^{(22)}+2m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(20)}m_{111}^{(21)}-m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(20)}m_{021}^{(20)}\\
&-2m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(21)}m_{201}^{(21)}+m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(22)}m_{120}^{(20)}-m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(00)}m_{021}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(00)}m_{012}^{(11)}+m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(10)}m_{111}^{(21)}-m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(10)}m_{021}^{(20)}\\
&+3m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(11)}m_{111}^{(20)}-m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(11)}m_{012}^{(00)}+2m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(20)}m_{120}^{(21)}\\
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&+m_{000}^{(22)}m_{010}^{(10)}m_{111}^{(11)}m_{102}^{(00)}-m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(00)}m_{021}^{(22)}+m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(00)}m_{012}^{(21)}\\
&+2m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(10)}m_{111}^{(22)}-m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(10)}m_{012}^{(20)}+m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(20)}m_{120}^{(22)}\\
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&+m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(21)}m_{111}^{(20)}+2m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(22)}m_{210}^{(21)}-m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(22)}m_{120}^{(20)}\\
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&+3m_{000}^{(22)}m_{010}^{(11)}m_{210}^{(20)}m_{201}^{(21)}-m_{000}^{(22)}m_{010}^{(11)}m_{210}^{(21)}m_{201}^{(20)}+m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(00)}m_{111}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(00)}m_{021}^{(20)}-m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(00)}m_{012}^{(10)}-3m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(10)}m_{111}^{(20)}\\
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&-m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(20)}m_{021}^{(00)}-m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(21)}m_{111}^{(00)}+m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(22)}m_{120}^{(00)}\\
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&+m_{000}^{(22)}m_{010}^{(20)}m_{300}^{(10)}m_{012}^{(11)}+2m_{000}^{(22)}m_{010}^{(20)}m_{300}^{(11)}m_{111}^{(21)}-m_{000}^{(22)}m_{010}^{(20)}m_{300}^{(11)}m_{012}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{300}^{(20)}m_{030}^{(21)}-m_{000}^{(22)}m_{010}^{(20)}m_{300}^{(20)}m_{021}^{(11)}-2m_{000}^{(22)}m_{010}^{(20)}m_{300}^{(21)}m_{120}^{(21)}\\
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&+3m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(10)}m_{120}^{(22)}-m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(10)}m_{111}^{(21)}-m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(10)}m_{102}^{(11)}\\
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&-2m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(20)}m_{120}^{(21)}+m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(20)}m_{111}^{(11)}+m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(20)}m_{021}^{(10)}\\
&+2m_{000}^{(22)}m_{010}^{(20)}(m_{210}^{(21)})^2+2m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(21)}m_{201}^{(11)}+m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(21)}m_{120}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(21)}m_{111}^{(10)}-2m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(21)}m_{021}^{(00)}-2m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(22)}m_{120}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(22)}m_{030}^{(00)}+m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(00)}m_{030}^{(21)}-m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(00)}m_{021}^{(11)}\\
&-3m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(10)}m_{120}^{(21)}+2m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(10)}m_{111}^{(11)}+m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(10)}m_{021}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(11)}m_{111}^{(10)}+m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(20)}m_{120}^{(11)}-m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(20)}m_{030}^{(10)}\\
&+2m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(21)}m_{120}^{(10)}-m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(00)}m_{111}^{(21)}+m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(10)}m_{111}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(10)}m_{102}^{(10)}-m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(11)}m_{102}^{(00)}-m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(20)}m_{111}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(21)}m_{111}^{(00)}+m_{000}^{(22)}m_{010}^{(20)}m_{111}^{(00)}m_{111}^{(11)}-m_{000}^{(22)}m_{010}^{(20)}(m_{111}^{(10)})^2\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(00)}m_{030}^{(22)}-m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(00)}m_{012}^{(11)}-3m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(10)}m_{120}^{(22)}\\
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&+2m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(11)}m_{210}^{(22)}-m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(11)}m_{111}^{(20)}+m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(20)}m_{120}^{(21)}\\
&+3m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(20)}m_{111}^{(11)}-m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(20)}m_{030}^{(20)}-m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(20)}m_{021}^{(10)}
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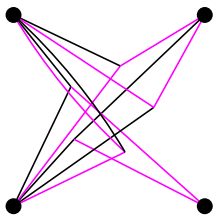
&+m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(21)}m_{120}^{(20)} - m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(21)}m_{111}^{(10)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(22)}m_{210}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(22)}m_{120}^{(10)} + m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(00)}m_{111}^{(21)} + m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(00)}m_{102}^{(11)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(00)}m_{021}^{(20)} + m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(00)}m_{012}^{(10)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(10)}m_{210}^{(22)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(10)}m_{201}^{(21)} + m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(10)}m_{111}^{(20)} - m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(10)}m_{102}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(10)}m_{012}^{(00)} + m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(11)}m_{201}^{(20)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(20)}m_{210}^{(21)}\\
&-3m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(20)}m_{201}^{(11)} + m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(20)}m_{120}^{(20)} - 3m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(20)}m_{111}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(20)}m_{021}^{(00)} + m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(21)}m_{201}^{(10)} + m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(21)}m_{111}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(22)}m_{120}^{(00)} - m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(00)}m_{120}^{(21)} - m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(00)}m_{111}^{(11)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(00)}m_{030}^{(20)} + m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(00)}m_{021}^{(10)} + 4m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(10)}m_{120}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(10)}m_{021}^{(00)} + m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(11)}m_{111}^{(00)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(20)}m_{120}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(20)}m_{030}^{(00)} - m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(21)}m_{120}^{(00)} - m_{000}^{(22)}m_{010}^{(21)}m_{120}^{(00)}m_{102}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{120}^{(10)}m_{102}^{(00)} - m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(00)}m_{030}^{(21)} + m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(00)}m_{021}^{(11)}\\
&+3m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(10)}m_{120}^{(21)} - m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(10)}m_{111}^{(11)} - m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(10)}m_{021}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(11)}m_{210}^{(21)} + m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(11)}m_{111}^{(10)} - 2m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(20)}m_{120}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(20)}m_{030}^{(10)} + 2m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(21)}m_{210}^{(11)} - m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(21)}m_{120}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(00)}m_{111}^{(11)} + m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(00)}m_{030}^{(20)} - m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(00)}m_{021}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(10)}m_{210}^{(21)} + m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(10)}m_{201}^{(11)} - 3m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(10)}m_{120}^{(20)}\\
&+2m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(10)}m_{111}^{(10)} + m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(10)}m_{021}^{(00)} + 2m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(11)}m_{210}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(11)}m_{201}^{(10)} - m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(11)}m_{111}^{(00)} + 2m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(20)}m_{120}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(20)}m_{030}^{(00)} + m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(21)}m_{120}^{(00)} + m_{000}^{(22)}m_{010}^{(22)}m_{201}^{(00)}m_{120}^{(11)}\\
&-m_{000}^{(22)}m_{010}^{(22)}m_{201}^{(10)}m_{120}^{(10)} + m_{000}^{(22)}m_{010}^{(22)}m_{120}^{(00)}m_{111}^{(10)} - m_{000}^{(22)}m_{010}^{(22)}m_{120}^{(10)}m_{111}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{rrrrr}
V1 & 1 & V1 & 1 & 1\\
V2 & V2 & 2 & 2 & 3\\
2 & V3 & V3 & V4 & V4
\end{array}
$$



$$
\begin{aligned}
T_{113} \;=\;& -m_{000}^{(00)}m_{010}^{(00)}m_{120}^{(11)}m_{003}^{(22)} + m_{000}^{(00)}m_{010}^{(00)}m_{120}^{(21)}m_{012}^{(22)} + m_{000}^{(00)}m_{010}^{(00)}m_{120}^{(21)}m_{003}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(00)}m_{120}^{(22)}m_{012}^{(21)} + 2m_{000}^{(00)}m_{010}^{(00)}m_{111}^{(11)}m_{012}^{(22)} - 2m_{000}^{(00)}m_{010}^{(00)}m_{111}^{(21)}m_{021}^{(22)}
\end{aligned}
$$

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\begin{aligned}
&-2m_{000}^{(00)}m_{010}^{(00)}m_{111}^{(21)}m_{012}^{(21)}+2m_{000}^{(00)}m_{010}^{(00)}m_{111}^{(22)}m_{021}^{(21)}-m_{000}^{(00)}m_{010}^{(00)}m_{102}^{(11)}m_{021}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(00)}m_{102}^{(21)}m_{030}^{(22)}+m_{000}^{(00)}m_{010}^{(00)}m_{102}^{(21)}m_{021}^{(21)}-m_{000}^{(00)}m_{010}^{(00)}m_{102}^{(22)}m_{030}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(00)}m_{030}^{(10)}m_{003}^{(22)}-m_{000}^{(00)}m_{010}^{(00)}m_{030}^{(20)}m_{003}^{(21)}-2m_{000}^{(00)}m_{010}^{(00)}m_{021}^{(10)}m_{012}^{(22)}\\
&-m_{000}^{(00)}m_{010}^{(00)}m_{021}^{(10)}m_{003}^{(21)}+m_{000}^{(00)}m_{010}^{(00)}m_{021}^{(11)}m_{003}^{(20)}+2m_{000}^{(00)}m_{010}^{(00)}m_{021}^{(20)}m_{012}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(00)}m_{021}^{(20)}m_{003}^{(11)}-m_{000}^{(00)}m_{010}^{(00)}m_{021}^{(21)}m_{012}^{(20)}-m_{000}^{(00)}m_{010}^{(00)}m_{021}^{(21)}m_{003}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(00)}m_{021}^{(22)}m_{012}^{(10)}+2m_{000}^{(00)}m_{010}^{(00)}m_{012}^{(10)}m_{012}^{(21)}-2m_{000}^{(00)}m_{010}^{(00)}m_{012}^{(11)}m_{012}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{210}^{(11)}m_{003}^{(22)}-m_{000}^{(00)}m_{010}^{(10)}m_{210}^{(21)}m_{012}^{(22)}-m_{000}^{(00)}m_{010}^{(10)}m_{210}^{(21)}m_{003}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{210}^{(22)}m_{012}^{(21)}-m_{000}^{(00)}m_{010}^{(10)}m_{201}^{(11)}m_{012}^{(22)}+m_{000}^{(00)}m_{010}^{(10)}m_{201}^{(21)}m_{021}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{201}^{(21)}m_{012}^{(21)}-m_{000}^{(00)}m_{010}^{(10)}m_{201}^{(22)}m_{021}^{(21)}-m_{000}^{(00)}m_{010}^{(10)}m_{120}^{(20)}m_{012}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{120}^{(20)}m_{003}^{(21)}+m_{000}^{(00)}m_{010}^{(10)}m_{120}^{(21)}m_{102}^{(22)}-m_{000}^{(00)}m_{010}^{(10)}m_{120}^{(21)}m_{003}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{120}^{(22)}m_{102}^{(21)}+m_{000}^{(00)}m_{010}^{(10)}m_{120}^{(22)}m_{012}^{(20)}-m_{000}^{(00)}m_{010}^{(10)}m_{111}^{(10)}m_{012}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{111}^{(10)}m_{003}^{(21)}-m_{000}^{(00)}m_{010}^{(10)}m_{111}^{(11)}m_{102}^{(22)}-m_{000}^{(00)}m_{010}^{(10)}m_{111}^{(11)}m_{003}^{(20)}\\
&+2m_{000}^{(00)}m_{010}^{(10)}m_{111}^{(20)}m_{021}^{(22)}-m_{000}^{(00)}m_{010}^{(10)}m_{111}^{(20)}m_{012}^{(21)}-m_{000}^{(00)}m_{010}^{(10)}m_{111}^{(20)}m_{003}^{(11)}\\
&+3m_{000}^{(00)}m_{010}^{(10)}m_{111}^{(21)}m_{012}^{(20)}+m_{000}^{(00)}m_{010}^{(10)}m_{111}^{(21)}m_{003}^{(10)}+m_{000}^{(00)}m_{010}^{(10)}m_{111}^{(22)}m_{102}^{(11)}\\
&-2m_{000}^{(00)}m_{010}^{(10)}m_{111}^{(22)}m_{021}^{(20)}-m_{000}^{(00)}m_{010}^{(10)}m_{111}^{(22)}m_{012}^{(10)}+m_{000}^{(00)}m_{010}^{(10)}m_{102}^{(10)}m_{021}^{(22)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{102}^{(10)}m_{012}^{(21)}+m_{000}^{(00)}m_{010}^{(10)}m_{102}^{(11)}m_{012}^{(20)}-m_{000}^{(00)}m_{010}^{(10)}m_{102}^{(20)}m_{030}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{102}^{(20)}m_{012}^{(11)}-2m_{000}^{(00)}m_{010}^{(10)}m_{102}^{(21)}m_{021}^{(20)}-m_{000}^{(00)}m_{010}^{(10)}m_{102}^{(21)}m_{012}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{102}^{(22)}m_{030}^{(20)}+m_{000}^{(00)}m_{010}^{(10)}m_{102}^{(22)}m_{021}^{(10)}-m_{000}^{(00)}m_{010}^{(10)}m_{030}^{(00)}m_{003}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{030}^{(20)}m_{003}^{(20)}+2m_{000}^{(00)}m_{010}^{(10)}m_{021}^{(00)}m_{012}^{(22)}+m_{000}^{(00)}m_{010}^{(10)}m_{021}^{(00)}m_{003}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{021}^{(10)}m_{003}^{(20)}-m_{000}^{(00)}m_{010}^{(10)}m_{021}^{(20)}m_{012}^{(20)}-m_{000}^{(00)}m_{010}^{(10)}m_{021}^{(20)}m_{003}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{021}^{(21)}m_{003}^{(00)}-m_{000}^{(00)}m_{010}^{(10)}m_{021}^{(22)}m_{012}^{(00)}-2m_{000}^{(00)}m_{010}^{(10)}m_{012}^{(00)}m_{012}^{(21)}\\
&+2m_{000}^{(00)}m_{010}^{(10)}m_{012}^{(10)}m_{012}^{(20)}-m_{000}^{(00)}m_{010}^{(11)}m_{210}^{(10)}m_{003}^{(22)}+m_{000}^{(00)}m_{010}^{(11)}m_{210}^{(20)}m_{012}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{210}^{(21)}m_{003}^{(20)}-m_{000}^{(00)}m_{010}^{(11)}m_{210}^{(22)}m_{012}^{(20)}+m_{000}^{(00)}m_{010}^{(11)}m_{201}^{(10)}m_{012}^{(22)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{201}^{(20)}m_{021}^{(22)}-m_{000}^{(00)}m_{010}^{(11)}m_{201}^{(21)}m_{012}^{(20)}+m_{000}^{(00)}m_{010}^{(11)}m_{201}^{(22)}m_{021}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{120}^{(00)}m_{003}^{(22)}-m_{000}^{(00)}m_{010}^{(11)}m_{120}^{(20)}m_{102}^{(22)}-m_{000}^{(00)}m_{010}^{(11)}m_{120}^{(20)}m_{003}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{120}^{(22)}m_{102}^{(20)}-m_{000}^{(00)}m_{010}^{(11)}m_{111}^{(00)}m_{012}^{(22)}-m_{000}^{(00)}m_{010}^{(11)}m_{111}^{(00)}m_{003}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{111}^{(10)}m_{102}^{(22)}+m_{000}^{(00)}m_{010}^{(11)}m_{111}^{(10)}m_{003}^{(20)}+m_{000}^{(00)}m_{010}^{(11)}m_{111}^{(20)}m_{102}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{111}^{(20)}m_{003}^{(10)}-m_{000}^{(00)}m_{010}^{(11)}m_{111}^{(21)}m_{102}^{(20)}-m_{000}^{(00)}m_{010}^{(11)}m_{111}^{(21)}m_{003}^{(00)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{111}^{(22)}m_{102}^{(10)}+m_{000}^{(00)}m_{010}^{(11)}m_{111}^{(22)}m_{012}^{(00)}+m_{000}^{(00)}m_{010}^{(11)}m_{102}^{(00)}m_{012}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{102}^{(10)}m_{012}^{(20)}+m_{000}^{(00)}m_{010}^{(11)}m_{102}^{(20)}m_{021}^{(20)}-m_{000}^{(00)}m_{010}^{(11)}m_{102}^{(20)}m_{012}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{102}^{(21)}m_{012}^{(00)}-m_{000}^{(00)}m_{010}^{(11)}m_{102}^{(22)}m_{021}^{(00)}-m_{000}^{(00)}m_{010}^{(20)}m_{210}^{(11)}m_{012}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{210}^{(21)}m_{021}^{(22)}+m_{000}^{(00)}m_{010}^{(20)}m_{210}^{(21)}m_{012}^{(21)}-m_{000}^{(00)}m_{010}^{(20)}m_{210}^{(22)}m_{021}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{201}^{(11)}m_{021}^{(22)}-m_{000}^{(00)}m_{010}^{(20)}m_{201}^{(21)}m_{030}^{(22)}-m_{000}^{(00)}m_{010}^{(20)}m_{201}^{(21)}m_{021}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{201}^{(22)}m_{030}^{(21)}+2m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(11)}m_{102}^{(22)}+m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(20)}m_{012}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(20)}m_{003}^{(11)}-2m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(21)}m_{111}^{(22)}-3m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(21)}m_{102}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(21)}m_{003}^{(10)}+2m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(22)}m_{111}^{(21)}+m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(22)}m_{102}^{(11)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(22)}m_{012}^{(10)}+m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(10)}m_{021}^{(22)}-m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(10)}m_{012}^{(21)}\\
&-3m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(11)}m_{111}^{(22)}+m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(11)}m_{012}^{(20)}-3m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(20)}m_{021}^{(21)}
\end{aligned}
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\begin{aligned}
&+3m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(20)}m_{012}^{(11)}+3m_{000}^{(00)}m_{010}^{(20)}(m_{111}^{(21)})^2-m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(21)}m_{021}^{(20)}\\
&-3m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(21)}m_{012}^{(10)}+3m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(22)}m_{021}^{(10)}-m_{000}^{(00)}m_{010}^{(20)}m_{102}^{(10)}m_{030}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{102}^{(10)}m_{021}^{(21)}-m_{000}^{(00)}m_{010}^{(20)}m_{102}^{(11)}m_{021}^{(20)}+2m_{000}^{(00)}m_{010}^{(20)}m_{102}^{(20)}m_{030}^{(21)}\\
&-2m_{000}^{(00)}m_{010}^{(20)}m_{102}^{(20)}m_{021}^{(11)}+m_{000}^{(00)}m_{010}^{(20)}m_{102}^{(21)}m_{030}^{(20)}+2m_{000}^{(00)}m_{010}^{(20)}m_{102}^{(21)}m_{021}^{(10)}\\
&-2m_{000}^{(00)}m_{010}^{(20)}m_{102}^{(22)}m_{030}^{(10)}+m_{000}^{(00)}m_{010}^{(20)}m_{030}^{(00)}m_{012}^{(22)}-2m_{000}^{(00)}m_{010}^{(20)}m_{030}^{(20)}m_{012}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{030}^{(20)}m_{003}^{(10)}-m_{000}^{(00)}m_{010}^{(20)}m_{030}^{(21)}m_{003}^{(00)}+m_{000}^{(00)}m_{010}^{(20)}m_{030}^{(22)}m_{012}^{(00)}\\
&-2m_{000}^{(00)}m_{010}^{(20)}m_{021}^{(00)}m_{021}^{(22)}-m_{000}^{(00)}m_{010}^{(20)}m_{021}^{(00)}m_{012}^{(21)}+m_{000}^{(00)}m_{010}^{(20)}m_{021}^{(10)}m_{012}^{(20)}\\
&+2m_{000}^{(00)}m_{010}^{(20)}(m_{021}^{(20)})^2-2m_{000}^{(00)}m_{010}^{(20)}m_{021}^{(20)}m_{012}^{(10)}+2m_{000}^{(00)}m_{010}^{(20)}m_{021}^{(21)}m_{012}^{(00)}\\
&+2m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(10)}m_{012}^{(22)}-m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(11)}m_{102}^{(22)}-m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(20)}m_{021}^{(22)}\\
&-2m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(20)}m_{012}^{(21)}+m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(20)}m_{003}^{(11)}+2m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(21)}m_{102}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(21)}m_{012}^{(20)}-m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(21)}m_{003}^{(10)}-m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(22)}m_{102}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(22)}m_{021}^{(20)}+m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(22)}m_{012}^{(10)}-2m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(10)}m_{021}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(11)}m_{111}^{(22)}+m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(20)}m_{030}^{(22)}+2m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(20)}m_{021}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(20)}m_{012}^{(11)}-2m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(21)}m_{111}^{(21)}+m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(21)}m_{021}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(21)}m_{012}^{(10)}+m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(22)}m_{111}^{(11)}-m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(22)}m_{030}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(22)}m_{021}^{(10)}-2m_{000}^{(00)}m_{010}^{(21)}m_{120}^{(00)}m_{012}^{(22)}+2m_{000}^{(00)}m_{010}^{(21)}m_{120}^{(20)}m_{111}^{(22)}\\
&+3m_{000}^{(00)}m_{010}^{(21)}m_{120}^{(20)}m_{012}^{(20)}-m_{000}^{(00)}m_{010}^{(21)}m_{120}^{(20)}m_{003}^{(10)}-m_{000}^{(00)}m_{010}^{(21)}m_{120}^{(21)}m_{102}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{120}^{(21)}m_{003}^{(00)}-2m_{000}^{(00)}m_{010}^{(21)}m_{120}^{(22)}m_{111}^{(20)}+m_{000}^{(00)}m_{010}^{(21)}m_{120}^{(22)}m_{102}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{120}^{(22)}m_{012}^{(00)}+2m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(00)}m_{021}^{(22)}+2m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(20)}m_{012}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(10)}m_{111}^{(22)}-m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(10)}m_{102}^{(21)}-2m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(10)}m_{012}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(11)}m_{102}^{(20)}+m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(20)}m_{111}^{(21)}-m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(20)}m_{102}^{(11)}\\
&-2m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(20)}m_{021}^{(20)}+m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(21)}m_{102}^{(10)}-2m_{000}^{(00)}m_{010}^{(21)}m_{102}^{(00)}m_{021}^{(21)}\\
&+2m_{000}^{(00)}m_{010}^{(21)}m_{102}^{(10)}m_{021}^{(20)}-m_{000}^{(00)}m_{010}^{(21)}m_{102}^{(20)}m_{030}^{(20)}+m_{000}^{(00)}m_{010}^{(21)}m_{102}^{(20)}m_{021}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{102}^{(21)}m_{021}^{(00)}+m_{000}^{(00)}m_{010}^{(21)}m_{102}^{(22)}m_{030}^{(00)}-m_{000}^{(00)}m_{010}^{(22)}m_{210}^{(10)}m_{021}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{210}^{(11)}m_{111}^{(22)}+2m_{000}^{(00)}m_{010}^{(22)}m_{210}^{(20)}m_{021}^{(21)}-m_{000}^{(00)}m_{010}^{(22)}m_{210}^{(20)}m_{012}^{(11)}\\
&-2m_{000}^{(00)}m_{010}^{(22)}m_{210}^{(21)}m_{111}^{(21)}+m_{000}^{(00)}m_{010}^{(22)}m_{210}^{(21)}m_{012}^{(10)}+m_{000}^{(00)}m_{010}^{(22)}m_{210}^{(22)}m_{111}^{(11)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{210}^{(22)}m_{021}^{(10)}+m_{000}^{(00)}m_{010}^{(22)}m_{201}^{(10)}m_{030}^{(22)}-m_{000}^{(00)}m_{010}^{(22)}m_{201}^{(11)}m_{120}^{(22)}\\
&-2m_{000}^{(00)}m_{010}^{(22)}m_{201}^{(20)}m_{030}^{(21)}+m_{000}^{(00)}m_{010}^{(22)}m_{201}^{(20)}m_{021}^{(11)}+2m_{000}^{(00)}m_{010}^{(22)}m_{201}^{(21)}m_{120}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{201}^{(21)}m_{021}^{(10)}-m_{000}^{(00)}m_{010}^{(22)}m_{201}^{(22)}m_{120}^{(11)}+m_{000}^{(00)}m_{010}^{(22)}m_{201}^{(22)}m_{030}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{120}^{(00)}m_{021}^{(22)}-2m_{000}^{(00)}m_{010}^{(22)}m_{120}^{(20)}m_{111}^{(21)}+m_{000}^{(00)}m_{010}^{(22)}m_{120}^{(20)}m_{102}^{(11)}\\
&-2m_{000}^{(00)}m_{010}^{(22)}m_{120}^{(20)}m_{021}^{(20)}+m_{000}^{(00)}m_{010}^{(22)}m_{120}^{(20)}m_{012}^{(10)}+2m_{000}^{(00)}m_{010}^{(22)}m_{120}^{(21)}m_{111}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{120}^{(21)}m_{102}^{(10)}-m_{000}^{(00)}m_{010}^{(22)}m_{120}^{(21)}m_{012}^{(00)}+m_{000}^{(00)}m_{010}^{(22)}m_{120}^{(22)}m_{021}^{(00)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{111}^{(00)}m_{030}^{(22)}-m_{000}^{(00)}m_{010}^{(22)}m_{111}^{(00)}m_{021}^{(21)}+m_{000}^{(00)}m_{010}^{(22)}m_{111}^{(10)}m_{111}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{111}^{(10)}m_{021}^{(20)}-m_{000}^{(00)}m_{010}^{(22)}m_{111}^{(11)}m_{111}^{(20)}+2m_{000}^{(00)}m_{010}^{(22)}m_{111}^{(20)}m_{030}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{111}^{(20)}m_{021}^{(10)}+m_{000}^{(00)}m_{010}^{(22)}m_{111}^{(21)}m_{021}^{(00)}-m_{000}^{(00)}m_{010}^{(22)}m_{111}^{(22)}m_{030}^{(00)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{102}^{(00)}m_{030}^{(21)}-m_{000}^{(00)}m_{010}^{(22)}m_{102}^{(10)}m_{030}^{(20)}+m_{000}^{(00)}m_{001}^{(11)}m_{120}^{(21)}m_{003}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(00)}m_{120}^{(21)}m_{012}^{(21)}-m_{000}^{(00)}m_{001}^{(00)}m_{120}^{(21)}m_{003}^{(11)}+m_{000}^{(00)}m_{001}^{(00)}m_{120}^{(22)}m_{012}^{(11)}\\
&-2m_{000}^{(00)}m_{001}^{(00)}m_{111}^{(11)}m_{012}^{(21)}+2m_{000}^{(00)}m_{001}^{(00)}m_{111}^{(21)}m_{021}^{(21)}+2m_{000}^{(00)}m_{001}^{(00)}m_{111}^{(21)}m_{012}^{(11)}
\end{aligned}
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\begin{aligned}
&-2m_{000}^{(00)}m_{001}^{(00)}m_{111}^{(22)}m_{021}^{(11)}+m_{000}^{(00)}m_{001}^{(00)}m_{102}^{(11)}m_{021}^{(21)}-m_{000}^{(00)}m_{001}^{(00)}m_{102}^{(21)}m_{030}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(00)}m_{102}^{(21)}m_{021}^{(11)}+m_{000}^{(00)}m_{001}^{(00)}m_{102}^{(22)}m_{030}^{(11)}-m_{000}^{(00)}m_{001}^{(00)}m_{030}^{(10)}m_{012}^{(22)}\\
&-m_{000}^{(00)}m_{001}^{(00)}m_{030}^{(11)}m_{003}^{(20)}+m_{000}^{(00)}m_{001}^{(00)}m_{030}^{(20)}m_{012}^{(21)}+m_{000}^{(00)}m_{001}^{(00)}m_{030}^{(21)}m_{012}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(00)}m_{030}^{(21)}m_{003}^{(10)}-m_{000}^{(00)}m_{001}^{(00)}m_{030}^{(22)}m_{012}^{(10)}+2m_{000}^{(00)}m_{001}^{(00)}m_{021}^{(10)}m_{021}^{(22)}\\
&+m_{000}^{(00)}m_{001}^{(00)}m_{021}^{(10)}m_{012}^{(21)}+2m_{000}^{(00)}m_{001}^{(00)}m_{021}^{(11)}m_{012}^{(20)}-2m_{000}^{(00)}m_{001}^{(00)}m_{021}^{(20)}m_{021}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(00)}m_{021}^{(20)}m_{012}^{(11)}-2m_{000}^{(00)}m_{001}^{(00)}m_{021}^{(21)}m_{012}^{(10)}-m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{210}^{(21)}m_{003}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{210}^{(21)}m_{012}+m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{210}^{(11)}m_{003}-m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{210}^{(11)}m_{012}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{201}^{(21)}m_{012}-m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{201}^{(21)}m_{021}-m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{201}^{(11)}m_{012}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{201}^{(11)}m_{021}+2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(10)}m_{120}^{(22)}m_{012}-2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(10)}m_{120}^{(21)}m_{003}\\
&-2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{120}^{(22)}m_{102}+2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{120}^{(20)}m_{003}-m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{120}^{(21)}m_{012}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{120}^{(11)}m_{003}+3m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{120}^{(21)}m_{102}-2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{120}^{(20)}m_{012}\\
&-m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{120}^{(10)}m_{003}-m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{120}^{(11)}m_{102}+m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{120}^{(10)}m_{012}\\
&-3m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(10)}m_{111}^{(22)}m_{021}+3m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(10)}m_{111}^{(21)}m_{012}+3m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{111}^{(22)}m_{111}\\
&+2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{111}^{(21)}m_{102}-3m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{111}^{(20)}m_{012}+m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{111}^{(21)}m_{021}\\
&-m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{111}^{(11)}m_{012}-3m_{000}^{(00)}m_{001}^{(10)}(m_{111}^{(21)})^2-2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{111}^{(11)}m_{102}\\
&+3m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{111}^{(20)}m_{021}+m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{111}^{(10)}m_{012}-m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{111}^{(10)}m_{021}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(10)}m_{102}^{(22)}m_{030}-m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(10)}m_{102}^{(21)}m_{021}+m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{102}^{(20)}m_{021}\\
&-m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{102}^{(20)}m_{030}+m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(00)}m_{030}^{(21)}m_{003}-m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{030}^{(10)}m_{003}\\
&-2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(00)}m_{021}^{(21)}m_{012}-m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(00)}m_{021}^{(11)}m_{003}-m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(10)}m_{021}^{(20)}m_{012}\\
&+2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(10)}m_{021}^{(10)}m_{003}-m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{021}^{(00)}m_{003}+2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{021}^{(10)}m_{012}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{021}^{(00)}m_{012}+2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(00)}m_{012}^{(11)}m_{012}-2m_{000}^{(00)}m_{001}^{(10)}(m_{012}^{(10)})^2\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{210}^{(10)}m_{012}^{(22)}+2m_{000}^{(00)}m_{001}^{(11)}m_{210}^{(10)}m_{003}^{(21)}+m_{000}^{(00)}m_{001}^{(11)}m_{210}^{(11)}m_{102}^{(22)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{210}^{(11)}m_{003}^{(20)}-m_{000}^{(00)}m_{001}^{(11)}m_{210}^{(20)}m_{003}^{(11)}-2m_{000}^{(00)}m_{001}^{(11)}m_{210}^{(21)}m_{102}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{210}^{(21)}m_{012}^{(20)}+m_{000}^{(00)}m_{001}^{(11)}m_{210}^{(22)}m_{102}^{(11)}+m_{000}^{(00)}m_{001}^{(11)}m_{201}^{(10)}m_{021}^{(22)}\\
&-2m_{000}^{(00)}m_{001}^{(11)}m_{201}^{(10)}m_{012}^{(21)}-m_{000}^{(00)}m_{001}^{(11)}m_{201}^{(11)}m_{111}^{(22)}+m_{000}^{(00)}m_{001}^{(11)}m_{201}^{(11)}m_{012}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{201}^{(20)}m_{012}^{(11)}+2m_{000}^{(00)}m_{001}^{(11)}m_{201}^{(21)}m_{111}^{(21)}-m_{000}^{(00)}m_{001}^{(11)}m_{201}^{(21)}m_{021}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{201}^{(22)}m_{111}^{(11)}-m_{000}^{(00)}m_{001}^{(11)}m_{120}^{(00)}m_{003}^{(21)}+m_{000}^{(00)}m_{001}^{(11)}m_{120}^{(20)}m_{102}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{120}^{(20)}m_{003}^{(10)}-m_{000}^{(00)}m_{001}^{(11)}m_{120}^{(22)}m_{102}^{(10)}+m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(00)}m_{012}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(00)}m_{003}^{(11)}+m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(10)}m_{111}^{(22)}-2m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(10)}m_{102}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(10)}m_{012}^{(20)}-2m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(10)}m_{003}^{(10)}+m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(11)}m_{003}^{(00)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(20)}m_{111}^{(21)}-m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(20)}m_{012}^{(10)}+2m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(21)}m_{102}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(21)}m_{012}^{(00)}-m_{000}^{(00)}m_{001}^{(11)}m_{102}^{(00)}m_{012}^{(11)}-m_{000}^{(00)}m_{001}^{(11)}m_{102}^{(10)}m_{021}^{(20)}\\
&+2m_{000}^{(00)}m_{001}^{(11)}m_{102}^{(10)}m_{012}^{(10)}-m_{000}^{(00)}m_{001}^{(11)}m_{102}^{(11)}m_{012}^{(00)}+m_{000}^{(00)}m_{001}^{(11)}m_{102}^{(21)}m_{021}^{(00)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{210}^{(11)}m_{012}^{(21)}-m_{000}^{(00)}m_{001}^{(20)}m_{210}^{(21)}m_{021}^{(21)}-m_{000}^{(00)}m_{001}^{(20)}m_{210}^{(21)}m_{012}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{210}^{(22)}m_{021}^{(11)}-m_{000}^{(00)}m_{001}^{(20)}m_{201}^{(11)}m_{021}^{(21)}+m_{000}^{(00)}m_{001}^{(20)}m_{201}^{(21)}m_{030}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{201}^{(21)}m_{021}^{(11)}-m_{000}^{(00)}m_{001}^{(20)}m_{201}^{(22)}m_{030}^{(11)}-m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(10)}m_{021}^{(22)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(10)}m_{003}^{(11)}+m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(11)}m_{111}^{(22)}-m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(11)}m_{102}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(11)}m_{012}^{(20)}-m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(11)}m_{003}^{(10)}+m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(20)}m_{021}^{(21)}
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&-m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(20)}m_{012}^{(11)}+m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(21)}m_{102}^{(11)}+m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(21)}m_{021}^{(20)}\\
&+2m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(21)}m_{012}^{(10)}-m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(22)}m_{111}^{(11)}-m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(22)}m_{021}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{111}^{(10)}m_{030}^{(22)}+m_{000}^{(00)}m_{001}^{(20)}m_{111}^{(10)}m_{021}^{(21)}-2m_{000}^{(00)}m_{001}^{(20)}m_{111}^{(10)}m_{012}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{111}^{(11)}m_{021}^{(20)}+2m_{000}^{(00)}m_{001}^{(20)}m_{111}^{(11)}m_{012}^{(10)}-m_{000}^{(00)}m_{001}^{(20)}m_{111}^{(20)}m_{030}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{111}^{(20)}m_{021}^{(11)}-m_{000}^{(00)}m_{001}^{(20)}m_{111}^{(21)}m_{030}^{(20)}-3m_{000}^{(00)}m_{001}^{(20)}m_{111}^{(21)}m_{021}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{111}^{(22)}m_{030}^{(10)}-m_{000}^{(00)}m_{001}^{(20)}m_{102}^{(10)}m_{030}^{(21)}+m_{000}^{(00)}m_{001}^{(20)}m_{102}^{(10)}m_{021}^{(11)}\\
&-m_{000}^{(00)}m_{001}^{(20)}m_{102}^{(11)}m_{021}^{(10)}+m_{000}^{(00)}m_{001}^{(20)}m_{102}^{(21)}m_{030}^{(10)}-m_{000}^{(00)}m_{001}^{(20)}m_{030}^{(00)}m_{012}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{030}^{(10)}m_{012}^{(20)}-m_{000}^{(00)}m_{001}^{(20)}m_{030}^{(10)}m_{003}^{(10)}+m_{000}^{(00)}m_{001}^{(20)}m_{030}^{(11)}m_{003}^{(00)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{030}^{(20)}m_{012}^{(10)}-m_{000}^{(00)}m_{001}^{(20)}m_{030}^{(21)}m_{012}^{(00)}+2m_{000}^{(00)}m_{001}^{(20)}m_{021}^{(00)}m_{021}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{021}^{(00)}m_{012}^{(11)}-2m_{000}^{(00)}m_{001}^{(20)}m_{021}^{(10)}m_{021}^{(20)}+m_{000}^{(00)}m_{001}^{(20)}m_{021}^{(10)}m_{012}^{(10)}\\
&-2m_{000}^{(00)}m_{001}^{(20)}m_{021}^{(11)}m_{012}^{(00)}+m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(10)}m_{021}^{(22)}-2m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(10)}m_{012}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(10)}m_{003}^{(11)}-m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(11)}m_{111}^{(22)}+m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(11)}m_{012}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(11)}m_{003}^{(10)}+2m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(20)}m_{012}^{(11)}+2m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(21)}m_{111}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(21)}m_{021}^{(20)}-m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(21)}m_{012}^{(10)}-m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(22)}m_{111}^{(11)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(10)}m_{030}^{(22)}+2m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(10)}m_{021}^{(21)}+m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(10)}m_{012}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(11)}m_{120}^{(22)}-m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(11)}m_{021}^{(20)}-m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(11)}m_{012}^{(10)}\\
&-2m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(20)}m_{021}^{(11)}-2m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(21)}m_{120}^{(21)}+m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(21)}m_{030}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(21)}m_{021}^{(10)}+m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(22)}m_{120}^{(11)}+2m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(00)}m_{012}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(10)}m_{111}^{(22)}+m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(10)}m_{102}^{(21)}-m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(10)}m_{012}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(10)}m_{003}^{(10)}-m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(11)}m_{003}^{(00)}-m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(20)}m_{111}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(20)}m_{102}^{(11)}-2m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(20)}m_{012}^{(10)}+m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(21)}m_{111}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(21)}m_{012}^{(00)}+m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(22)}m_{111}^{(10)}-2m_{000}^{(00)}m_{001}^{(21)}m_{111}^{(00)}m_{021}^{(21)}\\
&-2m_{000}^{(00)}m_{001}^{(21)}m_{111}^{(00)}m_{012}^{(11)}-m_{000}^{(00)}m_{001}^{(21)}m_{111}^{(10)}m_{111}^{(21)}+2m_{000}^{(00)}m_{001}^{(21)}m_{111}^{(10)}m_{102}^{(11)}\\
&+2m_{000}^{(00)}m_{001}^{(21)}m_{111}^{(10)}m_{012}^{(10)}+m_{000}^{(00)}m_{001}^{(21)}m_{111}^{(11)}m_{111}^{(20)}-2m_{000}^{(00)}m_{001}^{(21)}m_{111}^{(11)}m_{102}^{(10)}\\
&+2m_{000}^{(00)}m_{001}^{(21)}m_{111}^{(20)}m_{021}^{(10)}+2m_{000}^{(00)}m_{001}^{(21)}m_{102}^{(00)}m_{021}^{(11)}+m_{000}^{(00)}m_{001}^{(21)}m_{102}^{(10)}m_{030}^{(20)}\\
&-3m_{000}^{(00)}m_{001}^{(21)}m_{102}^{(10)}m_{021}^{(10)}+m_{000}^{(00)}m_{001}^{(21)}m_{102}^{(11)}m_{021}^{(00)}-m_{000}^{(00)}m_{001}^{(21)}m_{102}^{(21)}m_{030}^{(00)}\\
&+m_{000}^{(00)}m_{001}^{(22)}m_{210}^{(10)}m_{012}^{(11)}-m_{000}^{(00)}m_{001}^{(22)}m_{210}^{(11)}m_{012}^{(10)}-m_{000}^{(00)}m_{001}^{(22)}m_{210}^{(20)}m_{021}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(22)}m_{210}^{(21)}m_{021}^{(10)}-m_{000}^{(00)}m_{001}^{(22)}m_{201}^{(10)}m_{021}^{(11)}+m_{000}^{(00)}m_{001}^{(22)}m_{201}^{(11)}m_{021}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(22)}m_{201}^{(20)}m_{030}^{(11)}-m_{000}^{(00)}m_{001}^{(22)}m_{201}^{(21)}m_{030}^{(10)}-m_{000}^{(00)}m_{001}^{(22)}m_{120}^{(00)}m_{021}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(22)}m_{120}^{(10)}m_{111}^{(21)}-m_{000}^{(00)}m_{001}^{(22)}m_{120}^{(10)}m_{102}^{(11)}+m_{000}^{(00)}m_{001}^{(22)}m_{120}^{(10)}m_{021}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(22)}m_{120}^{(10)}m_{012}^{(10)}-m_{000}^{(00)}m_{001}^{(22)}m_{120}^{(11)}m_{111}^{(20)}+m_{000}^{(00)}m_{001}^{(22)}m_{120}^{(11)}m_{102}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(22)}m_{120}^{(11)}m_{012}^{(00)}+m_{000}^{(00)}m_{001}^{(22)}m_{120}^{(20)}m_{111}^{(11)}+m_{000}^{(00)}m_{001}^{(22)}m_{120}^{(20)}m_{021}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(22)}m_{120}^{(21)}m_{111}^{(10)}-m_{000}^{(00)}m_{001}^{(22)}m_{120}^{(21)}m_{021}^{(00)}+m_{000}^{(00)}m_{001}^{(22)}m_{111}^{(00)}m_{030}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(22)}m_{111}^{(00)}m_{021}^{(11)}-m_{000}^{(00)}m_{001}^{(22)}m_{111}^{(10)}m_{030}^{(20)}-m_{000}^{(00)}m_{001}^{(22)}m_{111}^{(11)}m_{021}^{(00)}\\
&-m_{000}^{(00)}m_{001}^{(22)}m_{111}^{(20)}m_{030}^{(10)}+m_{000}^{(00)}m_{001}^{(22)}m_{111}^{(21)}m_{030}^{(00)}-m_{000}^{(00)}m_{001}^{(22)}m_{102}^{(00)}m_{030}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(22)}m_{102}^{(10)}m_{030}^{(10)}+m_{000}^{(10)}m_{100}^{(00)}m_{120}^{(11)}m_{003}^{(22)}-m_{000}^{(10)}m_{100}^{(00)}m_{120}^{(21)}m_{012}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(00)}m_{120}^{(21)}m_{003}^{(21)}+m_{000}^{(10)}m_{100}^{(00)}m_{120}^{(22)}m_{012}^{(21)}-2m_{000}^{(10)}m_{100}^{(00)}m_{111}^{(11)}m_{012}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(00)}m_{111}^{(21)}m_{021}^{(22)}+2m_{000}^{(10)}m_{100}^{(00)}m_{111}^{(21)}m_{012}^{(21)}-2m_{000}^{(10)}m_{100}^{(00)}m_{111}^{(22)}m_{021}^{(21)}
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&+m_{000}^{(10)}m_{100}^{(00)}m_{102}^{(11)}m_{021}^{(22)} - m_{000}^{(10)}m_{100}^{(00)}m_{102}^{(21)}m_{030}^{(22)} - m_{000}^{(10)}m_{100}^{(00)}m_{102}^{(21)}m_{021}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(00)}m_{102}^{(22)}m_{030}^{(21)} - m_{000}^{(10)}m_{100}^{(00)}m_{030}^{(10)}m_{003}^{(22)} + m_{000}^{(10)}m_{100}^{(00)}m_{030}^{(20)}m_{003}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(10)}m_{012}^{(22)} + m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(10)}m_{003}^{(21)} - m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(11)}m_{003}^{(20)}\\
&-2m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(20)}m_{012}^{(21)} - m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(20)}m_{003}^{(11)} + m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(21)}m_{012}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(21)}m_{003}^{(10)} - m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(22)}m_{012}^{(10)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{012}^{(10)}m_{012}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(00)}m_{012}^{(11)}m_{012}^{(20)} - m_{000}^{(10)}m_{100}^{(10)}m_{210}^{(11)}m_{003}^{(22)} + m_{000}^{(10)}m_{100}^{(10)}m_{210}^{(21)}m_{012}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{210}^{(21)}m_{003}^{(21)} - m_{000}^{(10)}m_{100}^{(10)}m_{210}^{(22)}m_{012}^{(21)} + m_{000}^{(10)}m_{100}^{(10)}m_{201}^{(11)}m_{012}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{201}^{(21)}m_{021}^{(22)} - m_{000}^{(10)}m_{100}^{(10)}m_{201}^{(21)}m_{012}^{(21)} + m_{000}^{(10)}m_{100}^{(10)}m_{201}^{(22)}m_{021}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{120}^{(20)}m_{012}^{(22)} - m_{000}^{(10)}m_{100}^{(10)}m_{120}^{(20)}m_{003}^{(21)} - m_{000}^{(10)}m_{100}^{(10)}m_{120}^{(21)}m_{102}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{120}^{(21)}m_{003}^{(20)} + m_{000}^{(10)}m_{100}^{(10)}m_{120}^{(22)}m_{102}^{(21)} - m_{000}^{(10)}m_{100}^{(10)}m_{120}^{(22)}m_{012}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(22)}m_{012}^{(10)} - m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(10)}m_{003}^{(21)} + m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(11)}m_{102}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(11)}m_{003}^{(20)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(20)}m_{021}^{(22)} + m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(20)}m_{012}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(20)}m_{003}^{(11)} - 3m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(21)}m_{012}^{(20)} - m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(21)}m_{003}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(22)}m_{102}^{(11)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(22)}m_{021}^{(20)} + m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(22)}m_{012}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(10)}m_{021}^{(22)} + m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(10)}m_{012}^{(21)} - m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(11)}m_{012}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(20)}m_{030}^{(22)} - m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(20)}m_{012}^{(11)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(21)}m_{021}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(21)}m_{012}^{(10)} - m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(22)}m_{030}^{(20)} - m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(22)}m_{021}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{030}^{(00)}m_{003}^{(22)} - m_{000}^{(10)}m_{100}^{(10)}m_{030}^{(20)}m_{003}^{(20)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{021}^{(00)}m_{012}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{021}^{(00)}m_{003}^{(21)} + m_{000}^{(10)}m_{100}^{(10)}m_{021}^{(10)}m_{003}^{(20)} + m_{000}^{(10)}m_{100}^{(10)}m_{021}^{(20)}m_{012}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{021}^{(20)}m_{003}^{(10)} - m_{000}^{(10)}m_{100}^{(10)}m_{021}^{(21)}m_{003}^{(00)} + m_{000}^{(10)}m_{100}^{(10)}m_{021}^{(22)}m_{012}^{(00)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{012}^{(00)}m_{012}^{(21)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{012}^{(10)}m_{012}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{210}^{(10)}m_{003}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{210}^{(20)}m_{012}^{(22)} - m_{000}^{(10)}m_{100}^{(11)}m_{210}^{(21)}m_{003}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{210}^{(22)}m_{012}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{201}^{(10)}m_{012}^{(22)} + m_{000}^{(10)}m_{100}^{(11)}m_{201}^{(20)}m_{021}^{(22)} + m_{000}^{(10)}m_{100}^{(11)}m_{201}^{(21)}m_{012}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{201}^{(22)}m_{021}^{(20)} - m_{000}^{(10)}m_{100}^{(11)}m_{120}^{(00)}m_{003}^{(22)} + m_{000}^{(10)}m_{100}^{(11)}m_{120}^{(20)}m_{102}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{120}^{(20)}m_{003}^{(20)} - m_{000}^{(10)}m_{100}^{(11)}m_{120}^{(22)}m_{102}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{111}^{(00)}m_{012}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{111}^{(00)}m_{003}^{(21)} - m_{000}^{(10)}m_{100}^{(11)}m_{111}^{(10)}m_{102}^{(22)} - m_{000}^{(10)}m_{100}^{(11)}m_{111}^{(10)}m_{003}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{111}^{(20)}m_{102}^{(21)} - m_{000}^{(10)}m_{100}^{(11)}m_{111}^{(20)}m_{003}^{(10)} + m_{000}^{(10)}m_{100}^{(11)}m_{111}^{(21)}m_{102}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{111}^{(21)}m_{003}^{(00)} + m_{000}^{(10)}m_{100}^{(11)}m_{111}^{(22)}m_{102}^{(10)} - m_{000}^{(10)}m_{100}^{(11)}m_{111}^{(22)}m_{012}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{102}^{(00)}m_{012}^{(21)} + m_{000}^{(10)}m_{100}^{(11)}m_{102}^{(10)}m_{012}^{(20)} - m_{000}^{(10)}m_{100}^{(11)}m_{102}^{(20)}m_{021}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{102}^{(20)}m_{012}^{(10)} - m_{000}^{(10)}m_{100}^{(11)}m_{102}^{(21)}m_{012}^{(00)} + m_{000}^{(10)}m_{100}^{(11)}m_{102}^{(22)}m_{021}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{210}^{(11)}m_{012}^{(22)} - m_{000}^{(10)}m_{100}^{(20)}m_{210}^{(21)}m_{021}^{(22)} - m_{000}^{(10)}m_{100}^{(20)}m_{210}^{(21)}m_{012}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{210}^{(22)}m_{021}^{(21)} - m_{000}^{(10)}m_{100}^{(20)}m_{201}^{(11)}m_{021}^{(22)} + m_{000}^{(10)}m_{100}^{(20)}m_{201}^{(21)}m_{030}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{201}^{(21)}m_{021}^{(21)} - m_{000}^{(10)}m_{100}^{(20)}m_{201}^{(22)}m_{030}^{(21)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(11)}m_{102}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(20)}m_{012}^{(21)} + m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(20)}m_{003}^{(11)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(21)}m_{111}^{(22)}\\
&+3m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(21)}m_{102}^{(21)} - m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(21)}m_{003}^{(10)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(22)}m_{111}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(22)}m_{102}^{(11)} + m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(22)}m_{012}^{(10)} - m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(10)}m_{021}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(10)}m_{012}^{(21)} + 3m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(11)}m_{111}^{(22)} - m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(11)}m_{012}^{(20)}\\
&+3m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(20)}m_{021}^{(21)} - 3m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(20)}m_{012}^{(11)} - 3m_{000}^{(10)}m_{100}^{(20)}(m_{111}^{(21)})^2
\end{aligned}
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\begin{aligned}
&+m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(21)}m_{021}^{(20)}+3m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(21)}m_{012}^{(10)}-3m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(22)}m_{111}^{(10)}m_{021}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{102}^{(10)}m_{030}^{(22)}-m_{000}^{(10)}m_{100}^{(20)}m_{102}^{(10)}m_{021}^{(21)}+m_{000}^{(10)}m_{100}^{(20)}m_{102}^{(11)}m_{021}^{(20)}\\
&-2m_{000}^{(10)}m_{100}^{(20)}m_{102}^{(20)}m_{030}^{(21)}+2m_{000}^{(10)}m_{100}^{(20)}m_{102}^{(20)}m_{021}^{(11)}-m_{000}^{(10)}m_{100}^{(20)}m_{102}^{(21)}m_{030}^{(20)}\\
&-2m_{000}^{(10)}m_{100}^{(20)}m_{102}^{(21)}m_{021}^{(10)}+2m_{000}^{(10)}m_{100}^{(20)}m_{102}^{(22)}m_{030}^{(10)}-m_{000}^{(10)}m_{100}^{(20)}m_{030}^{(00)}m_{012}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{030}^{(20)}m_{012}^{(20)}-m_{000}^{(10)}m_{100}^{(20)}m_{030}^{(20)}m_{003}^{(10)}+m_{000}^{(10)}m_{100}^{(20)}m_{030}^{(21)}m_{003}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{030}^{(22)}m_{012}^{(00)}+2m_{000}^{(10)}m_{100}^{(20)}m_{021}^{(00)}m_{021}^{(22)}+m_{000}^{(10)}m_{100}^{(20)}m_{021}^{(00)}m_{012}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{021}^{(10)}m_{012}^{(20)}-2m_{000}^{(10)}m_{100}^{(20)}(m_{021}^{(20)})^2+2m_{000}^{(10)}m_{100}^{(20)}m_{021}^{(20)}m_{012}^{(10)}\\
&-2m_{000}^{(10)}m_{100}^{(20)}m_{021}^{(21)}m_{012}^{(00)}-2m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(10)}m_{012}^{(22)}+m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(11)}m_{102}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(20)}m_{021}^{(22)}+2m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(20)}m_{012}^{(21)}-m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(20)}m_{003}^{(11)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(21)}m_{102}^{(21)}+m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(21)}m_{012}^{(20)}+m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(21)}m_{003}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(22)}m_{102}^{(11)}-m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(22)}m_{021}^{(20)}-m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(22)}m_{012}^{(10)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(10)}m_{021}^{(22)}-m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(11)}m_{111}^{(22)}-m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(20)}m_{030}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(20)}m_{021}^{(21)}+m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(20)}m_{012}^{(11)}+2m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(21)}m_{111}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(21)}m_{021}^{(20)}-m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(21)}m_{012}^{(10)}-m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(22)}m_{111}^{(11)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(22)}m_{030}^{(20)}+m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(22)}m_{021}^{(10)}+2m_{000}^{(10)}m_{100}^{(21)}m_{120}^{(00)}m_{012}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{120}^{(20)}m_{111}^{(22)}-3m_{000}^{(10)}m_{100}^{(21)}m_{120}^{(20)}m_{012}^{(20)}+m_{000}^{(10)}m_{100}^{(21)}m_{120}^{(20)}m_{003}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{120}^{(21)}m_{102}^{(20)}-m_{000}^{(10)}m_{100}^{(21)}m_{120}^{(21)}m_{003}^{(00)}+2m_{000}^{(10)}m_{100}^{(21)}m_{120}^{(22)}m_{111}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{120}^{(22)}m_{102}^{(10)}+m_{000}^{(10)}m_{100}^{(21)}m_{120}^{(22)}m_{012}^{(00)}-2m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(00)}m_{021}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(00)}m_{012}^{(21)}+m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(10)}m_{111}^{(22)}+m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(10)}m_{102}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(10)}m_{012}^{(20)}-m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(11)}m_{102}^{(20)}-m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(20)}m_{111}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(20)}m_{102}^{(11)}+2m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(20)}m_{021}^{(20)}-m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(21)}m_{102}^{(10)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{102}^{(00)}m_{021}^{(21)}-2m_{000}^{(10)}m_{100}^{(21)}m_{102}^{(10)}m_{021}^{(20)}+m_{000}^{(10)}m_{100}^{(21)}m_{102}^{(20)}m_{030}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{102}^{(20)}m_{021}^{(10)}+m_{000}^{(10)}m_{100}^{(21)}m_{102}^{(21)}m_{021}^{(00)}-m_{000}^{(10)}m_{100}^{(21)}m_{102}^{(22)}m_{030}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{210}^{(10)}m_{021}^{(22)}-m_{000}^{(10)}m_{100}^{(22)}m_{210}^{(11)}m_{111}^{(22)}-2m_{000}^{(10)}m_{100}^{(22)}m_{210}^{(20)}m_{021}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{210}^{(20)}m_{012}^{(11)}+2m_{000}^{(10)}m_{100}^{(22)}m_{210}^{(21)}m_{111}^{(21)}-m_{000}^{(10)}m_{100}^{(22)}m_{210}^{(21)}m_{012}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{210}^{(22)}m_{111}^{(11)}+m_{000}^{(10)}m_{100}^{(22)}m_{210}^{(22)}m_{021}^{(10)}-m_{000}^{(10)}m_{100}^{(22)}m_{201}^{(10)}m_{030}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{201}^{(11)}m_{120}^{(22)}+2m_{000}^{(10)}m_{100}^{(22)}m_{201}^{(20)}m_{030}^{(21)}-m_{000}^{(10)}m_{100}^{(22)}m_{201}^{(20)}m_{021}^{(11)}\\
&-2m_{000}^{(10)}m_{100}^{(22)}m_{201}^{(21)}m_{120}^{(21)}+m_{000}^{(10)}m_{100}^{(22)}m_{201}^{(21)}m_{021}^{(10)}+m_{000}^{(10)}m_{100}^{(22)}m_{201}^{(22)}m_{120}^{(11)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{201}^{(22)}m_{030}^{(10)}-m_{000}^{(10)}m_{100}^{(22)}m_{120}^{(00)}m_{021}^{(22)}+2m_{000}^{(10)}m_{100}^{(22)}m_{120}^{(20)}m_{111}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{120}^{(20)}m_{102}^{(11)}+2m_{000}^{(10)}m_{100}^{(22)}m_{120}^{(20)}m_{021}^{(20)}-m_{000}^{(10)}m_{100}^{(22)}m_{120}^{(20)}m_{012}^{(10)}\\
&-2m_{000}^{(10)}m_{100}^{(22)}m_{120}^{(21)}m_{111}^{(20)}+m_{000}^{(10)}m_{100}^{(22)}m_{120}^{(21)}m_{102}^{(10)}+m_{000}^{(10)}m_{100}^{(22)}m_{120}^{(21)}m_{012}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{120}^{(22)}m_{021}^{(00)}+m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(00)}m_{030}^{(22)}+m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(00)}m_{021}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(10)}m_{111}^{(21)}-m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(10)}m_{021}^{(20)}+m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(11)}m_{111}^{(20)}\\
&-2m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(20)}m_{030}^{(20)}+m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(20)}m_{021}^{(10)}-m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(21)}m_{021}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(22)}m_{030}^{(00)}-m_{000}^{(10)}m_{100}^{(22)}m_{102}^{(00)}m_{030}^{(21)}+m_{000}^{(10)}m_{100}^{(22)}m_{102}^{(10)}m_{030}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{210}^{(11)}m_{003}^{(22)}-m_{000}^{(10)}m_{010}^{(00)}m_{210}^{(21)}m_{012}^{(22)}-m_{000}^{(10)}m_{010}^{(00)}m_{210}^{(21)}m_{003}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{210}^{(22)}m_{012}^{(21)}-m_{000}^{(10)}m_{010}^{(00)}m_{201}^{(11)}m_{012}^{(22)}+m_{000}^{(10)}m_{010}^{(00)}m_{201}^{(21)}m_{021}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{201}^{(21)}m_{012}^{(21)}-m_{000}^{(10)}m_{010}^{(00)}m_{201}^{(22)}m_{021}^{(21)}-m_{000}^{(10)}m_{010}^{(00)}m_{120}^{(10)}m_{003}^{(22)}
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&+m_{000}^{(10)}m_{010}^{(00)}m_{120}^{(20)}m_{003}^{(21)}+m_{000}^{(10)}m_{010}^{(00)}m_{120}^{(21)}m_{102}^{(22)}-m_{000}^{(10)}m_{010}^{(00)}m_{120}^{(22)}m_{102}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{111}^{(10)}m_{012}^{(22)}+m_{000}^{(10)}m_{010}^{(00)}m_{111}^{(10)}m_{003}^{(21)}-m_{000}^{(10)}m_{010}^{(00)}m_{111}^{(11)}m_{102}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(00)}m_{111}^{(11)}m_{003}^{(20)}-m_{000}^{(10)}m_{010}^{(00)}m_{111}^{(20)}m_{012}^{(21)}-m_{000}^{(10)}m_{010}^{(00)}m_{111}^{(20)}m_{003}^{(11)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{111}^{(21)}m_{012}^{(20)}+m_{000}^{(10)}m_{010}^{(00)}m_{111}^{(21)}m_{003}^{(10)}+m_{000}^{(10)}m_{010}^{(00)}m_{111}^{(22)}m_{102}^{(11)}\\
&-m_{000}^{(10)}m_{010}^{(00)}m_{111}^{(22)}m_{012}^{(10)}-m_{000}^{(10)}m_{010}^{(00)}m_{102}^{(10)}m_{012}^{(21)}+m_{000}^{(10)}m_{010}^{(00)}m_{102}^{(11)}m_{012}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{102}^{(20)}m_{012}^{(11)}-m_{000}^{(10)}m_{010}^{(00)}m_{102}^{(21)}m_{021}^{(20)}-m_{000}^{(10)}m_{010}^{(00)}m_{102}^{(21)}m_{012}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{102}^{(22)}m_{021}^{(10)}-m_{000}^{(10)}m_{010}^{(10)}m_{300}^{(11)}m_{003}^{(22)}+m_{000}^{(10)}m_{010}^{(10)}m_{300}^{(21)}m_{012}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(10)}m_{300}^{(21)}m_{003}^{(21)}-m_{000}^{(10)}m_{010}^{(10)}m_{300}^{(22)}m_{012}^{(21)}+m_{000}^{(10)}m_{010}^{(10)}m_{210}^{(20)}m_{012}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(10)}m_{210}^{(20)}m_{003}^{(21)}-m_{000}^{(10)}m_{010}^{(10)}m_{210}^{(21)}m_{102}^{(22)}+m_{000}^{(10)}m_{010}^{(10)}m_{210}^{(21)}m_{003}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(10)}m_{210}^{(22)}m_{102}^{(21)}-m_{000}^{(10)}m_{010}^{(10)}m_{210}^{(22)}m_{012}^{(20)}+m_{000}^{(10)}m_{010}^{(10)}m_{201}^{(10)}m_{012}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(10)}m_{201}^{(10)}m_{003}^{(21)}+2m_{000}^{(10)}m_{010}^{(10)}m_{201}^{(11)}m_{102}^{(22)}+m_{000}^{(10)}m_{010}^{(10)}m_{201}^{(11)}m_{003}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(10)}m_{201}^{(20)}m_{021}^{(22)}+m_{000}^{(10)}m_{010}^{(10)}m_{201}^{(20)}m_{003}^{(11)}-2m_{000}^{(10)}m_{010}^{(10)}m_{201}^{(21)}m_{111}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(10)}m_{201}^{(21)}m_{102}^{(21)}-2m_{000}^{(10)}m_{010}^{(10)}m_{201}^{(21)}m_{012}^{(20)}-m_{000}^{(10)}m_{010}^{(10)}m_{201}^{(21)}m_{003}^{(10)}\\
&+2m_{000}^{(10)}m_{010}^{(10)}m_{201}^{(22)}m_{111}^{(21)}-m_{000}^{(10)}m_{010}^{(10)}m_{201}^{(22)}m_{102}^{(11)}+m_{000}^{(10)}m_{010}^{(10)}m_{201}^{(22)}m_{021}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(10)}m_{201}^{(22)}m_{012}^{(10)}+m_{000}^{(10)}m_{010}^{(10)}m_{120}^{(00)}m_{003}^{(22)}-m_{000}^{(10)}m_{010}^{(10)}m_{120}^{(20)}m_{102}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(10)}m_{120}^{(20)}m_{003}^{(20)}+m_{000}^{(10)}m_{010}^{(10)}m_{120}^{(22)}m_{102}^{(20)}-m_{000}^{(10)}m_{010}^{(10)}m_{111}^{(00)}m_{012}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(10)}m_{111}^{(00)}m_{003}^{(21)}-m_{000}^{(10)}m_{010}^{(10)}m_{111}^{(10)}m_{102}^{(22)}+m_{000}^{(10)}m_{010}^{(10)}m_{111}^{(10)}m_{003}^{(20)}\\
&+3m_{000}^{(10)}m_{010}^{(10)}m_{111}^{(20)}m_{102}^{(21)}+m_{000}^{(10)}m_{010}^{(10)}m_{111}^{(20)}m_{003}^{(10)}-m_{000}^{(10)}m_{010}^{(10)}m_{111}^{(21)}m_{102}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(10)}m_{111}^{(21)}m_{003}^{(00)}-m_{000}^{(10)}m_{010}^{(10)}m_{111}^{(22)}m_{102}^{(10)}+m_{000}^{(10)}m_{010}^{(10)}m_{111}^{(22)}m_{012}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(10)}m_{102}^{(00)}m_{012}^{(21)}+2m_{000}^{(10)}m_{010}^{(10)}m_{102}^{(10)}m_{102}^{(21)}-m_{000}^{(10)}m_{010}^{(10)}m_{102}^{(10)}m_{012}^{(20)}\\
&-2m_{000}^{(10)}m_{010}^{(10)}m_{102}^{(11)}m_{102}^{(20)}+m_{000}^{(10)}m_{010}^{(10)}m_{102}^{(20)}m_{021}^{(20)}-m_{000}^{(10)}m_{010}^{(10)}m_{102}^{(20)}m_{012}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(10)}m_{102}^{(21)}m_{012}^{(00)}-m_{000}^{(10)}m_{010}^{(10)}m_{102}^{(22)}m_{021}^{(00)}+m_{000}^{(10)}m_{010}^{(11)}m_{300}^{(10)}m_{003}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(11)}m_{300}^{(20)}m_{012}^{(22)}-m_{000}^{(10)}m_{010}^{(11)}m_{300}^{(21)}m_{003}^{(20)}+m_{000}^{(10)}m_{010}^{(11)}m_{300}^{(22)}m_{012}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(11)}m_{210}^{(00)}m_{003}^{(22)}+m_{000}^{(10)}m_{010}^{(11)}m_{210}^{(20)}m_{102}^{(22)}+m_{000}^{(10)}m_{010}^{(11)}m_{210}^{(20)}m_{003}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(11)}m_{210}^{(22)}m_{102}^{(20)}+m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(00)}m_{003}^{(21)}-2m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(10)}m_{102}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(10)}m_{003}^{(20)}+2m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(20)}m_{111}^{(22)}-m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(20)}m_{102}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(20)}m_{012}^{(20)}-m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(20)}m_{003}^{(10)}+2m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(21)}m_{102}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(21)}m_{003}^{(00)}-2m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(22)}m_{111}^{(20)}+m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(22)}m_{102}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(22)}m_{012}^{(00)}+2m_{000}^{(10)}m_{010}^{(11)}m_{111}^{(00)}m_{102}^{(22)}-2m_{000}^{(10)}m_{010}^{(11)}m_{111}^{(20)}m_{102}^{(20)}\\
&-2m_{000}^{(10)}m_{010}^{(11)}m_{102}^{(00)}m_{102}^{(21)}+2m_{000}^{(10)}m_{010}^{(11)}m_{102}^{(10)}m_{102}^{(20)}+m_{000}^{(10)}m_{010}^{(20)}m_{300}^{(11)}m_{012}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{300}^{(21)}m_{021}^{(22)}-m_{000}^{(10)}m_{010}^{(20)}m_{300}^{(21)}m_{012}^{(21)}+m_{000}^{(10)}m_{010}^{(20)}m_{300}^{(22)}m_{021}^{(21)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{210}^{(11)}m_{102}^{(22)}-m_{000}^{(10)}m_{010}^{(20)}m_{210}^{(20)}m_{012}^{(21)}+m_{000}^{(10)}m_{010}^{(20)}m_{210}^{(20)}m_{003}^{(11)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{210}^{(21)}m_{111}^{(22)}+3m_{000}^{(10)}m_{010}^{(20)}m_{210}^{(21)}m_{102}^{(21)}-m_{000}^{(10)}m_{010}^{(20)}m_{210}^{(21)}m_{003}^{(10)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{210}^{(22)}m_{111}^{(21)}-m_{000}^{(10)}m_{010}^{(20)}m_{210}^{(22)}m_{102}^{(11)}+m_{000}^{(10)}m_{010}^{(20)}m_{210}^{(22)}m_{012}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{201}^{(10)}m_{021}^{(22)}+m_{000}^{(10)}m_{010}^{(20)}m_{201}^{(10)}m_{012}^{(21)}-m_{000}^{(10)}m_{010}^{(20)}m_{201}^{(11)}m_{012}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{201}^{(20)}m_{021}^{(21)}-2m_{000}^{(10)}m_{010}^{(20)}m_{201}^{(20)}m_{012}^{(11)}+m_{000}^{(10)}m_{010}^{(20)}m_{201}^{(21)}m_{120}^{(22)}\\
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&-m_{000}^{(10)}m_{010}^{(20)}m_{120}^{(00)}m_{012}^{(22)}+2m_{000}^{(10)}m_{010}^{(20)}m_{120}^{(10)}m_{102}^{(22)}-m_{000}^{(10)}m_{010}^{(20)}m_{120}^{(20)}m_{102}^{(21)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{120}^{(20)}m_{012}^{(20)}-m_{000}^{(10)}m_{010}^{(20)}m_{120}^{(20)}m_{003}^{(10)}-2m_{000}^{(10)}m_{010}^{(20)}m_{120}^{(21)}m_{102}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{120}^{(21)}m_{003}^{(00)}+m_{000}^{(10)}m_{010}^{(20)}m_{120}^{(22)}m_{102}^{(10)}-m_{000}^{(10)}m_{010}^{(20)}m_{120}^{(22)}m_{012}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(00)}m_{021}^{(22)}+m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(00)}m_{012}^{(21)}-m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(10)}m_{111}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(10)}m_{102}^{(21)}-m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(10)}m_{012}^{(20)}+2m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(11)}m_{102}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(20)}m_{111}^{(21)}-2m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(20)}m_{021}^{(20)}+m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(20)}m_{012}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(21)}m_{012}^{(00)}+m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(22)}m_{021}^{(00)}-m_{000}^{(10)}m_{010}^{(20)}m_{102}^{(00)}m_{021}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{102}^{(10)}m_{021}^{(20)}-2m_{000}^{(10)}m_{010}^{(21)}m_{300}^{(10)}m_{012}^{(22)}+m_{000}^{(10)}m_{010}^{(21)}m_{300}^{(11)}m_{102}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{300}^{(20)}m_{021}^{(22)}+2m_{000}^{(10)}m_{010}^{(21)}m_{300}^{(20)}m_{012}^{(21)}-m_{000}^{(10)}m_{010}^{(21)}m_{300}^{(20)}m_{003}^{(11)}\\
&-2m_{000}^{(10)}m_{010}^{(21)}m_{300}^{(21)}m_{102}^{(21)}+m_{000}^{(10)}m_{010}^{(21)}m_{300}^{(21)}m_{012}^{(20)}+m_{000}^{(10)}m_{010}^{(21)}m_{300}^{(21)}m_{003}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{300}^{(22)}m_{102}^{(11)}-m_{000}^{(10)}m_{010}^{(21)}m_{300}^{(22)}m_{021}^{(20)}-m_{000}^{(10)}m_{010}^{(21)}m_{300}^{(22)}m_{012}^{(10)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{210}^{(00)}m_{012}^{(22)}-2m_{000}^{(10)}m_{010}^{(21)}m_{210}^{(20)}m_{111}^{(22)}-3m_{000}^{(10)}m_{010}^{(21)}m_{210}^{(20)}m_{012}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{210}^{(20)}m_{003}^{(10)}+m_{000}^{(10)}m_{010}^{(21)}m_{210}^{(21)}m_{102}^{(20)}-m_{000}^{(10)}m_{010}^{(21)}m_{210}^{(21)}m_{003}^{(00)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{210}^{(22)}m_{111}^{(20)}-m_{000}^{(10)}m_{010}^{(21)}m_{210}^{(22)}m_{102}^{(10)}+m_{000}^{(10)}m_{010}^{(21)}m_{210}^{(22)}m_{012}^{(00)}\\
&-2m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(00)}m_{012}^{(21)}+3m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(10)}m_{111}^{(22)}+m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(10)}m_{102}^{(21)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(10)}m_{012}^{(20)}-2m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(11)}m_{201}^{(22)}-m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(11)}m_{102}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(20)}m_{120}^{(22)}-3m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(20)}m_{111}^{(21)}+2m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(20)}m_{102}^{(11)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(20)}m_{021}^{(20)}+m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(20)}m_{012}^{(10)}+2m_{000}^{(10)}m_{010}^{(21)}(m_{201}^{(21)})^2\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(21)}m_{111}^{(20)}-2m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(21)}m_{102}^{(10)}-m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(21)}m_{012}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(22)}m_{120}^{(20)}+m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(22)}m_{111}^{(10)}+m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(22)}m_{021}^{(00)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{120}^{(00)}m_{102}^{(22)}+m_{000}^{(10)}m_{010}^{(21)}m_{120}^{(20)}m_{102}^{(20)}-3m_{000}^{(10)}m_{010}^{(21)}m_{111}^{(00)}m_{111}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{111}^{(00)}m_{102}^{(21)}-m_{000}^{(10)}m_{010}^{(21)}m_{111}^{(10)}m_{102}^{(20)}+3m_{000}^{(10)}m_{010}^{(21)}(m_{111}^{(20)})^2\\
&-3m_{000}^{(10)}m_{010}^{(21)}m_{111}^{(20)}m_{102}^{(10)}+3m_{000}^{(10)}m_{010}^{(21)}m_{111}^{(21)}m_{102}^{(00)}+m_{000}^{(10)}m_{010}^{(22)}m_{300}^{(10)}m_{021}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{300}^{(11)}m_{111}^{(22)}-2m_{000}^{(10)}m_{010}^{(22)}m_{300}^{(20)}m_{021}^{(21)}+m_{000}^{(10)}m_{010}^{(22)}m_{300}^{(20)}m_{012}^{(11)}\\
&+2m_{000}^{(10)}m_{010}^{(22)}m_{300}^{(21)}m_{111}^{(21)}-m_{000}^{(10)}m_{010}^{(22)}m_{300}^{(21)}m_{012}^{(10)}-m_{000}^{(10)}m_{010}^{(22)}m_{300}^{(22)}m_{111}^{(11)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{300}^{(22)}m_{021}^{(10)}-m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(00)}m_{021}^{(22)}+m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(11)}m_{201}^{(22)}\\
&+2m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(20)}m_{111}^{(21)}-m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(20)}m_{102}^{(11)}+2m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(20)}m_{021}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(20)}m_{012}^{(10)}-2m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(21)}m_{201}^{(21)}-2m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(21)}m_{111}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(21)}m_{102}^{(10)}+m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(21)}m_{012}^{(00)}+m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(22)}m_{201}^{(11)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(22)}m_{021}^{(00)}+m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(00)}m_{021}^{(21)}-m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(10)}m_{120}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(10)}m_{111}^{(21)}-m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(10)}m_{021}^{(20)}+m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(11)}m_{111}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(20)}m_{120}^{(21)}-m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(20)}m_{111}^{(11)}+m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(21)}m_{111}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(22)}m_{120}^{(10)}+m_{000}^{(10)}m_{010}^{(22)}m_{120}^{(00)}m_{111}^{(22)}-2m_{000}^{(10)}m_{010}^{(22)}m_{120}^{(20)}m_{111}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{120}^{(20)}m_{102}^{(10)}-m_{000}^{(10)}m_{010}^{(22)}m_{120}^{(21)}m_{102}^{(00)}+m_{000}^{(10)}m_{010}^{(22)}m_{120}^{(22)}m_{111}^{(00)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{111}^{(00)}m_{111}^{(21)}+m_{000}^{(10)}m_{010}^{(22)}m_{111}^{(10)}m_{111}^{(20)}-m_{000}^{(10)}m_{001}^{(00)}m_{210}^{(11)}m_{003}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{210}^{(21)}m_{012}^{(21)}+m_{000}^{(10)}m_{001}^{(00)}m_{210}^{(21)}m_{003}^{(11)}-m_{000}^{(10)}m_{001}^{(00)}m_{210}^{(22)}m_{012}^{(11)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{201}^{(11)}m_{012}^{(21)}-m_{000}^{(10)}m_{001}^{(00)}m_{201}^{(21)}m_{021}^{(21)}-m_{000}^{(10)}m_{001}^{(00)}m_{201}^{(21)}m_{012}^{(11)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{201}^{(22)}m_{021}^{(11)}+m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(10)}m_{012}^{(22)}-m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(11)}m_{102}^{(22)}
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&-m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(20)}m_{012}^{(21)}+m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(21)}m_{102}^{(21)}-m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(10)}m_{021}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(10)}m_{012}^{(21)}+m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(11)}m_{111}^{(22)}+2m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(11)}m_{102}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(11)}m_{012}^{(20)}+m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(20)}m_{021}^{(21)}+m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(20)}m_{012}^{(11)}\\
&-m_{000}^{(10)}m_{001}^{(00)}(m_{111}^{(21)})^2-2m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(21)}m_{102}^{(11)}-m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(21)}m_{021}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(21)}m_{012}^{(10)}+m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(22)}m_{021}^{(10)}+m_{000}^{(10)}m_{001}^{(00)}m_{102}^{(10)}m_{021}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{102}^{(11)}m_{021}^{(20)}-m_{000}^{(10)}m_{001}^{(00)}m_{102}^{(20)}m_{021}^{(11)}+m_{000}^{(10)}m_{001}^{(00)}m_{102}^{(21)}m_{030}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{102}^{(21)}m_{021}^{(10)}-m_{000}^{(10)}m_{001}^{(00)}m_{102}^{(22)}m_{030}^{(10)}+m_{000}^{(10)}m_{001}^{(00)}m_{030}^{(00)}m_{012}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{030}^{(00)}m_{003}^{(21)}+2m_{000}^{(10)}m_{001}^{(00)}m_{030}^{(10)}m_{003}^{(20)}-2m_{000}^{(10)}m_{001}^{(00)}m_{030}^{(20)}m_{012}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{030}^{(21)}m_{003}^{(00)}+m_{000}^{(10)}m_{001}^{(00)}m_{030}^{(22)}m_{012}^{(00)}-2m_{000}^{(10)}m_{001}^{(00)}m_{021}^{(00)}m_{021}^{(22)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{021}^{(00)}m_{012}^{(21)}+m_{000}^{(10)}m_{001}^{(00)}m_{021}^{(00)}m_{003}^{(11)}-4m_{000}^{(10)}m_{001}^{(00)}m_{021}^{(10)}m_{012}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(00)}m_{021}^{(10)}m_{003}^{(10)}+m_{000}^{(10)}m_{001}^{(00)}m_{021}^{(11)}m_{003}^{(00)}+2m_{000}^{(10)}m_{001}^{(00)}(m_{021}^{(20)})^2\\
&+2m_{000}^{(10)}m_{001}^{(00)}m_{021}^{(20)}m_{012}^{(10)}+m_{000}^{(10)}m_{001}^{(00)}m_{021}^{(21)}m_{012}^{(00)}-2m_{000}^{(10)}m_{001}^{(00)}m_{012}^{(00)}m_{012}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(00)}(m_{012}^{(10)})^2+m_{000}^{(10)}m_{001}^{(10)}m_{300}^{(11)}m_{003}^{(21)}-m_{000}^{(10)}m_{001}^{(10)}m_{300}^{(21)}m_{012}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{300}^{(21)}m_{003}^{(11)}+m_{000}^{(10)}m_{001}^{(10)}m_{300}^{(22)}m_{012}^{(11)}-2m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(10)}m_{012}^{(22)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(10)}m_{003}^{(21)}+2m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(11)}m_{102}^{(22)}-m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(11)}m_{003}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(20)}m_{012}^{(21)}-m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(20)}m_{003}^{(11)}-3m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(21)}m_{102}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(21)}m_{012}^{(20)}+m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(22)}m_{102}^{(11)}+m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(10)}m_{021}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(10)}m_{012}^{(21)}-m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(11)}m_{111}^{(22)}-3m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(11)}m_{102}^{(21)}\\
&+4m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(21)}m_{111}^{(21)}+3m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(21)}m_{102}^{(11)}+m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(21)}m_{012}^{(10)}\\
&-3m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(22)}m_{111}^{(11)}-m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(22)}m_{021}^{(10)}-2m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(00)}m_{012}^{(22)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(00)}m_{003}^{(21)}+2m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(10)}m_{102}^{(22)}-2m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(10)}m_{003}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(20)}m_{102}^{(21)}+3m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(20)}m_{012}^{(20)}-m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(21)}m_{102}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(21)}m_{003}^{(00)}-m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(22)}m_{012}^{(00)}+3m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(00)}m_{021}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(00)}m_{012}^{(21)}-3m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(10)}m_{102}^{(21)}+3m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(10)}m_{012}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(11)}m_{102}^{(20)}+m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(20)}m_{102}^{(11)}-4m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(20)}m_{021}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(20)}m_{012}^{(10)}+m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(21)}m_{102}^{(10)}-m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(21)}m_{012}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(22)}m_{021}^{(00)}-m_{000}^{(10)}m_{001}^{(10)}m_{102}^{(00)}m_{030}^{(22)}-m_{000}^{(10)}m_{001}^{(10)}m_{102}^{(10)}m_{021}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{102}^{(20)}m_{030}^{(20)}+m_{000}^{(10)}m_{001}^{(10)}m_{102}^{(20)}m_{021}^{(10)}-m_{000}^{(10)}m_{001}^{(10)}m_{030}^{(00)}m_{003}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{030}^{(20)}m_{003}^{(00)}+3m_{000}^{(10)}m_{001}^{(10)}m_{021}^{(00)}m_{012}^{(20)}-3m_{000}^{(10)}m_{001}^{(10)}m_{021}^{(20)}m_{012}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{300}^{(10)}m_{012}^{(22)}-2m_{000}^{(10)}m_{001}^{(11)}m_{300}^{(10)}m_{003}^{(21)}-m_{000}^{(10)}m_{001}^{(11)}m_{300}^{(11)}m_{102}^{(22)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{300}^{(11)}m_{003}^{(20)}+m_{000}^{(10)}m_{001}^{(11)}m_{300}^{(20)}m_{003}^{(11)}+2m_{000}^{(10)}m_{001}^{(11)}m_{300}^{(21)}m_{102}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{300}^{(21)}m_{012}^{(20)}-m_{000}^{(10)}m_{001}^{(11)}m_{300}^{(22)}m_{102}^{(11)}+m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(00)}m_{012}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(10)}m_{102}^{(22)}-m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(20)}m_{012}^{(20)}+m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(21)}m_{102}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(00)}m_{021}^{(22)}+m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(00)}m_{012}^{(21)}-m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(00)}m_{003}^{(11)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(10)}m_{111}^{(22)}+4m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(10)}m_{102}^{(21)}-m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(10)}m_{012}^{(20)}\\
&+2m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(10)}m_{003}^{(10)}+2m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(11)}m_{201}^{(22)}-m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(11)}m_{102}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(11)}m_{003}^{(00)}-m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(20)}m_{111}^{(21)}-m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(20)}m_{102}^{(11)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(20)}m_{021}^{(20)}-m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(20)}m_{012}^{(10)}-2m_{000}^{(10)}m_{001}^{(11)}(m_{201}^{(21)})^2
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&+m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(21)}m_{111}^{(20)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(21)}m_{102}^{(10)} + m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(21)}m_{012}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(22)}m_{111}^{(10)} + m_{000}^{(10)}m_{001}^{(11)}m_{120}^{(00)}m_{003}^{(20)} - m_{000}^{(10)}m_{001}^{(11)}m_{120}^{(20)}m_{102}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{120}^{(20)}m_{003}^{(00)} + m_{000}^{(10)}m_{001}^{(11)}m_{120}^{(22)}m_{102}^{(00)} - m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(00)}m_{111}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(00)}m_{102}^{(21)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(00)}m_{012}^{(20)} + m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(10)}m_{102}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(11)}(m_{111}^{(20)})^2 + m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(20)}m_{102}^{(10)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(20)}m_{012}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(21)}m_{102}^{(00)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{102}^{(00)}m_{102}^{(11)} + m_{000}^{(10)}m_{001}^{(11)}m_{102}^{(00)}m_{021}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(11)}(m_{102}^{(10)})^2 - m_{000}^{(10)}m_{001}^{(11)}m_{102}^{(20)}m_{021}^{(00)} - m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(11)}m_{300}^{(21)}m_{012}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{300}^{(21)}m_{021}^{(21)} + m_{000}^{(10)}m_{001}^{(20)}m_{300}^{(21)}m_{012}^{(11)} - m_{000}^{(10)}m_{001}^{(20)}m_{300}^{(22)}m_{021}^{(11)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(10)}m_{021}^{(22)} - m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(10)}m_{003}^{(11)} - m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(11)}m_{111}^{(22)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(11)}m_{102}^{(21)} + m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(11)}m_{003}^{(10)} - m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(20)}m_{021}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(20)}m_{012}^{(11)} - m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(21)}m_{102}^{(11)} - m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(21)}m_{012}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(22)}m_{111}^{(11)} - m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(10)}m_{021}^{(21)} + m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(10)}m_{012}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(11)}m_{111}^{(21)} + m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(11)}m_{021}^{(20)} - m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(11)}m_{012}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(21)}m_{120}^{(21)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(21)}m_{111}^{(11)} - m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(21)}m_{030}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(22)}m_{120}^{(11)} + m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(22)}m_{030}^{(10)} + m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(00)}m_{021}^{(22)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(00)}m_{012}^{(21)} - m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(00)}m_{003}^{(11)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(10)}m_{111}^{(22)}\\
&-2m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(10)}m_{102}^{(21)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(10)}m_{003}^{(10)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(11)}m_{102}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(11)}m_{003}^{(00)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(20)}m_{111}^{(21)} + m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(20)}m_{102}^{(11)}\\
&-2m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(20)}m_{021}^{(20)} - m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(10)}m_{012}^{(20)} - m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(21)}m_{102}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(22)}m_{021}^{(00)} - m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(00)}m_{030}^{(22)} - 3m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(00)}m_{021}^{(21)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(00)}m_{012}^{(11)} + 5m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(10)}m_{111}^{(21)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(10)}m_{102}^{(11)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(10)}m_{021}^{(20)} - 4m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(10)}m_{012}^{(10)} - 5m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(11)}m_{111}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(11)}m_{102}^{(10)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(11)}m_{012}^{(00)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(20)}m_{030}^{(20)}\\
&+3m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(20)}m_{021}^{(10)} - m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(21)}m_{021}^{(00)} - m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(22)}m_{030}^{(00)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{102}^{(00)}m_{030}^{(21)} - m_{000}^{(10)}m_{001}^{(20)}m_{102}^{(00)}m_{021}^{(11)} - m_{000}^{(10)}m_{001}^{(20)}m_{102}^{(10)}m_{030}^{(20)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{102}^{(10)}m_{021}^{(10)} - m_{000}^{(10)}m_{001}^{(20)}m_{102}^{(11)}m_{021}^{(00)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{102}^{(20)}m_{030}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{102}^{(21)}m_{030}^{(00)} + m_{000}^{(10)}m_{001}^{(20)}m_{030}^{(00)}m_{003}^{(10)} - m_{000}^{(10)}m_{001}^{(20)}m_{030}^{(10)}m_{003}^{(00)}\\
&-3m_{000}^{(10)}m_{001}^{(20)}m_{021}^{(00)}m_{012}^{(10)} + 3m_{000}^{(10)}m_{001}^{(20)}m_{021}^{(10)}m_{012}^{(00)} - m_{000}^{(10)}m_{001}^{(21)}m_{111}^{(10)}m_{300}^{(22)}m_{021}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(10)}m_{012}^{(21)} + m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(10)}m_{003}^{(11)} + m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(11)}m_{111}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(11)}m_{012}^{(20)} - m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(11)}m_{003}^{(10)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(20)}m_{012}^{(11)}\\
&-2m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(21)}m_{111}^{(21)} + m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(21)}m_{021}^{(20)} + m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(21)}m_{012}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(22)}m_{111}^{(11)} - m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(00)}m_{021}^{(22)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(00)}m_{012}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(00)}m_{003}^{(11)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(10)}m_{111}^{(22)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(10)}m_{012}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(10)}m_{003}^{(10)} - m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(11)}m_{201}^{(22)} - m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(11)}m_{102}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(11)}m_{003}^{(00)} + m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(20)}m_{021}^{(20)} + m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(20)}m_{012}^{(10)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(21)}m_{201}^{(21)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(21)}m_{111}^{(20)} + m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(21)}m_{102}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(21)}m_{012}^{(00)} - m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(22)}m_{201}^{(11)} + m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(00)}m_{030}^{(22)}\\
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&-2m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(10)}m_{012}^{(10)} + m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(11)}m_{111}^{(20)} + 3m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(11)}m_{102}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(11)}m_{012}^{(00)} + m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(20)}m_{120}^{(21)} + 3m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(20)}m_{111}^{(11)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(20)}m_{030}^{(20)} + m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(20)}m_{021}^{(10)} - m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(21)}m_{111}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(21)}m_{021}^{(00)} - m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(22)}m_{120}^{(10)} + m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(00)}m_{111}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(00)}m_{012}^{(20)} - m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(00)}m_{003}^{(10)} + m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(10)}m_{003}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(20)}m_{102}^{(10)} + m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(20)}m_{012}^{(00)} - m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(21)}m_{102}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(22)}m_{111}^{(00)} + 5m_{000}^{(10)}m_{001}^{(21)}m_{111}^{(00)}m_{111}^{(21)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{111}^{(00)}m_{102}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{111}^{(00)}m_{021}^{(20)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{111}^{(00)}m_{012}^{(10)} - 5m_{000}^{(10)}m_{001}^{(21)}m_{111}^{(10)}m_{111}^{(20)}\\
&+4m_{000}^{(10)}m_{001}^{(21)}m_{111}^{(10)}m_{102}^{(10)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{111}^{(10)}m_{012}^{(00)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{111}^{(11)}m_{102}^{(00)}\\
&-2m_{000}^{(10)}m_{001}^{(21)}m_{111}^{(20)}m_{021}^{(00)} - m_{000}^{(10)}m_{001}^{(21)}m_{102}^{(00)}m_{030}^{(20)} - m_{000}^{(10)}m_{001}^{(21)}m_{102}^{(00)}m_{021}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{102}^{(10)}m_{021}^{(00)} + m_{000}^{(10)}m_{001}^{(21)}m_{102}^{(20)}m_{030}^{(00)} - m_{000}^{(10)}m_{001}^{(22)}m_{300}^{(10)}m_{012}^{(11)}\\
&+m_{000}^{(10)}m_{001}^{(22)}m_{300}^{(11)}m_{012}^{(10)} + m_{000}^{(10)}m_{001}^{(22)}m_{300}^{(20)}m_{021}^{(11)} - m_{000}^{(10)}m_{001}^{(22)}m_{300}^{(21)}m_{021}^{(10)}\\
&+2m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(00)}m_{021}^{(21)} - m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(00)}m_{012}^{(11)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(10)}m_{111}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(10)}m_{102}^{(11)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(10)}m_{021}^{(20)} + 2m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(10)}m_{012}^{(10)}\\
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&-m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(20)}m_{021}^{(10)} + m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(21)}m_{021}^{(00)} - m_{000}^{(10)}m_{001}^{(22)}m_{201}^{(00)}m_{030}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(22)}m_{201}^{(10)}m_{120}^{(21)} + 2m_{000}^{(10)}m_{001}^{(22)}m_{201}^{(10)}m_{111}^{(11)} + m_{000}^{(10)}m_{001}^{(22)}m_{201}^{(10)}m_{030}^{(20)}\\
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&+2m_{000}^{(10)}m_{001}^{(22)}m_{111}^{(10)}m_{021}^{(00)} + m_{000}^{(10)}m_{001}^{(22)}m_{102}^{(00)}m_{030}^{(10)} - m_{000}^{(10)}m_{001}^{(22)}m_{102}^{(10)}m_{030}^{(00)}\\
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&-m_{000}^{(11)}m_{100}^{(00)}m_{210}^{(22)}m_{012}^{(21)} + m_{000}^{(11)}m_{100}^{(00)}m_{201}^{(11)}m_{012}^{(22)} - m_{000}^{(11)}m_{100}^{(00)}m_{201}^{(21)}m_{021}^{(22)}\\
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&+m_{000}^{(11)}m_{100}^{(00)}m_{111}^{(11)}m_{003}^{(20)} + m_{000}^{(11)}m_{100}^{(00)}m_{111}^{(20)}m_{012}^{(21)} + m_{000}^{(11)}m_{100}^{(00)}m_{111}^{(20)}m_{003}^{(11)}\\
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&+m_{000}^{(11)}m_{100}^{(00)}m_{111}^{(22)}m_{012}^{(10)} + m_{000}^{(11)}m_{100}^{(00)}m_{102}^{(10)}m_{012}^{(21)} - m_{000}^{(11)}m_{100}^{(00)}m_{102}^{(11)}m_{012}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{102}^{(20)}m_{012}^{(11)} + m_{000}^{(11)}m_{100}^{(00)}m_{102}^{(21)}m_{021}^{(20)} + m_{000}^{(11)}m_{100}^{(00)}m_{102}^{(21)}m_{012}^{(10)}\\
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&-m_{000}^{(11)}m_{100}^{(10)}m_{300}^{(21)}m_{003}^{(21)} + m_{000}^{(11)}m_{100}^{(10)}m_{300}^{(22)}m_{012}^{(21)} - m_{000}^{(11)}m_{100}^{(10)}m_{210}^{(20)}m_{012}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{210}^{(20)}m_{003}^{(21)} + m_{000}^{(11)}m_{100}^{(10)}m_{210}^{(21)}m_{102}^{(22)} - m_{000}^{(11)}m_{100}^{(10)}m_{210}^{(21)}m_{003}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{210}^{(22)}m_{102}^{(21)} + m_{000}^{(11)}m_{100}^{(10)}m_{210}^{(22)}m_{012}^{(20)} - m_{000}^{(11)}m_{100}^{(10)}m_{201}^{(10)}m_{012}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{201}^{(10)}m_{003}^{(21)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{201}^{(11)}m_{102}^{(22)} - m_{000}^{(11)}m_{100}^{(10)}m_{201}^{(11)}m_{003}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{201}^{(20)}m_{021}^{(22)} - m_{000}^{(11)}m_{100}^{(10)}m_{201}^{(20)}m_{003}^{(11)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{201}^{(21)}m_{111}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{201}^{(21)}m_{102}^{(21)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{201}^{(21)}m_{012}^{(20)} + m_{000}^{(11)}m_{100}^{(10)}m_{201}^{(21)}m_{003}^{(10)}
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&-m_{000}^{(11)}m_{100}^{(10)}m_{201}^{(22)}m_{012}^{(10)} - m_{000}^{(11)}m_{100}^{(10)}m_{120}^{(00)}m_{003}^{(22)} + m_{000}^{(11)}m_{100}^{(10)}m_{120}^{(20)}m_{102}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{120}^{(20)}m_{003}^{(20)} - m_{000}^{(11)}m_{100}^{(10)}m_{120}^{(22)}m_{102}^{(20)} + m_{000}^{(11)}m_{100}^{(10)}m_{111}^{(00)}m_{012}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{111}^{(00)}m_{003}^{(21)} + m_{000}^{(11)}m_{100}^{(10)}m_{111}^{(10)}m_{102}^{(22)} - m_{000}^{(11)}m_{100}^{(10)}m_{111}^{(10)}m_{003}^{(20)}\\
&-3m_{000}^{(11)}m_{100}^{(10)}m_{111}^{(20)}m_{102}^{(21)} - m_{000}^{(11)}m_{100}^{(10)}m_{111}^{(20)}m_{003}^{(10)} + m_{000}^{(11)}m_{100}^{(10)}m_{111}^{(21)}m_{102}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{111}^{(21)}m_{003}^{(00)} + m_{000}^{(11)}m_{100}^{(10)}m_{111}^{(22)}m_{102}^{(10)} - m_{000}^{(11)}m_{100}^{(10)}m_{111}^{(22)}m_{012}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{102}^{(00)}m_{012}^{(21)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{102}^{(10)}m_{102}^{(21)} + m_{000}^{(11)}m_{100}^{(10)}m_{102}^{(10)}m_{012}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{102}^{(11)}m_{102}^{(20)} - m_{000}^{(11)}m_{100}^{(10)}m_{102}^{(20)}m_{021}^{(20)} + m_{000}^{(11)}m_{100}^{(10)}m_{102}^{(20)}m_{012}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{102}^{(21)}m_{012}^{(00)} + m_{000}^{(11)}m_{100}^{(10)}m_{102}^{(22)}m_{021}^{(00)} - m_{000}^{(11)}m_{100}^{(11)}m_{300}^{(10)}m_{003}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{300}^{(20)}m_{012}^{(22)} + m_{000}^{(11)}m_{100}^{(11)}m_{300}^{(21)}m_{003}^{(20)} - m_{000}^{(11)}m_{100}^{(11)}m_{300}^{(22)}m_{012}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{210}^{(00)}m_{003}^{(22)} - m_{000}^{(11)}m_{100}^{(11)}m_{210}^{(20)}m_{102}^{(22)} - m_{000}^{(11)}m_{100}^{(11)}m_{210}^{(20)}m_{003}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{210}^{(22)}m_{102}^{(20)} - m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(00)}m_{003}^{(21)} + 2m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(10)}m_{102}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(10)}m_{003}^{(20)} - 2m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(20)}m_{111}^{(22)} + m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(20)}m_{102}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(20)}m_{012}^{(20)} + m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(20)}m_{003}^{(10)} - 2m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(21)}m_{102}^{(20)}\\
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&+2m_{000}^{(11)}m_{100}^{(11)}m_{102}^{(00)}m_{102}^{(21)} - 2m_{000}^{(11)}m_{100}^{(11)}m_{102}^{(10)}m_{102}^{(20)} - m_{000}^{(11)}m_{100}^{(20)}m_{300}^{(11)}m_{012}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{300}^{(21)}m_{021}^{(22)} + m_{000}^{(11)}m_{100}^{(20)}m_{300}^{(21)}m_{012}^{(21)} - m_{000}^{(11)}m_{100}^{(20)}m_{300}^{(22)}m_{021}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{210}^{(11)}m_{102}^{(22)} + m_{000}^{(11)}m_{100}^{(20)}m_{210}^{(20)}m_{012}^{(21)} - m_{000}^{(11)}m_{100}^{(20)}m_{210}^{(20)}m_{003}^{(11)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{210}^{(21)}m_{111}^{(22)} - 3m_{000}^{(11)}m_{100}^{(20)}m_{210}^{(21)}m_{102}^{(21)} + m_{000}^{(11)}m_{100}^{(20)}m_{210}^{(21)}m_{003}^{(10)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{210}^{(22)}m_{111}^{(21)} + m_{000}^{(11)}m_{100}^{(20)}m_{210}^{(22)}m_{102}^{(11)} - m_{000}^{(11)}m_{100}^{(20)}m_{210}^{(22)}m_{012}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{201}^{(10)}m_{021}^{(22)} - m_{000}^{(11)}m_{100}^{(20)}m_{201}^{(10)}m_{012}^{(21)} + m_{000}^{(11)}m_{100}^{(20)}m_{201}^{(11)}m_{012}^{(20)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{201}^{(20)}m_{021}^{(21)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{201}^{(20)}m_{012}^{(11)} - m_{000}^{(11)}m_{100}^{(20)}m_{201}^{(21)}m_{012}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{201}^{(21)}m_{111}^{(21)} - m_{000}^{(11)}m_{100}^{(20)}m_{201}^{(21)}m_{021}^{(20)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{201}^{(21)}m_{012}^{(10)}\\
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&+m_{000}^{(11)}m_{100}^{(20)}m_{120}^{(00)}m_{012}^{(22)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{120}^{(10)}m_{102}^{(22)} + m_{000}^{(11)}m_{100}^{(20)}m_{120}^{(20)}m_{102}^{(21)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{120}^{(20)}m_{012}^{(20)} + m_{000}^{(11)}m_{100}^{(20)}m_{120}^{(20)}m_{003}^{(10)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{120}^{(21)}m_{102}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{120}^{(21)}m_{003}^{(00)} - m_{000}^{(11)}m_{100}^{(20)}m_{120}^{(22)}m_{102}^{(10)} + m_{000}^{(11)}m_{100}^{(20)}m_{120}^{(22)}m_{012}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(00)}m_{021}^{(22)} - m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(00)}m_{012}^{(21)} + m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(10)}m_{111}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(10)}m_{102}^{(21)} + m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(10)}m_{012}^{(20)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(11)}m_{102}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(20)}m_{111}^{(21)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(20)}m_{021}^{(20)} - m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(20)}m_{012}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(21)}m_{012}^{(00)} - m_{000}^{(11)}m_{100}^{(20)}m_{111}^{(22)}m_{021}^{(00)} + m_{000}^{(11)}m_{100}^{(20)}m_{102}^{(00)}m_{021}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{102}^{(10)}m_{021}^{(20)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{300}^{(10)}m_{012}^{(22)} - m_{000}^{(11)}m_{100}^{(21)}m_{300}^{(11)}m_{102}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{300}^{(20)}m_{021}^{(22)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{300}^{(20)}m_{012}^{(21)} + m_{000}^{(11)}m_{100}^{(21)}m_{300}^{(20)}m_{003}^{(11)}\\
&+2m_{000}^{(11)}m_{100}^{(21)}m_{300}^{(21)}m_{102}^{(21)} - m_{000}^{(11)}m_{100}^{(21)}m_{300}^{(21)}m_{012}^{(20)} - m_{000}^{(11)}m_{100}^{(21)}m_{300}^{(21)}m_{003}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{300}^{(22)}m_{102}^{(11)} + m_{000}^{(11)}m_{100}^{(21)}m_{300}^{(22)}m_{021}^{(20)} + m_{000}^{(11)}m_{100}^{(21)}m_{300}^{(22)}m_{012}^{(10)}\\
&-2m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(00)}m_{012}^{(22)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(20)}m_{111}^{(22)} + 3m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(20)}m_{012}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(20)}m_{003}^{(10)} - m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(21)}m_{102}^{(20)} + m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(21)}m_{003}^{(00)}
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&+2m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(00)}m_{012}^{(21)} - 3m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(10)}m_{111}^{(22)} - m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(10)}m_{102}^{(21)}\\
&-2m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(10)}m_{012}^{(20)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(11)}m_{201}^{(22)} + m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(11)}m_{102}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(20)}m_{120}^{(22)} + 3m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(20)}m_{111}^{(21)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(20)}m_{102}^{(11)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(20)}m_{021}^{(20)} - m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(20)}m_{012}^{(10)} - 2m_{000}^{(11)}m_{100}^{(21)}(m_{201}^{(21)})^2\\
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&-m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(22)}m_{120}^{(20)} - m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(22)}m_{111}^{(10)} - m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(22)}m_{021}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{120}^{(00)}m_{102}^{(22)} - m_{000}^{(11)}m_{100}^{(21)}m_{120}^{(20)}m_{102}^{(20)} + 3m_{000}^{(11)}m_{100}^{(21)}m_{111}^{(00)}m_{111}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{111}^{(00)}m_{102}^{(21)} + m_{000}^{(11)}m_{100}^{(21)}m_{111}^{(10)}m_{102}^{(20)} - 3m_{000}^{(11)}m_{100}^{(21)}(m_{111}^{(20)})^2\\
&+3m_{000}^{(11)}m_{100}^{(21)}m_{111}^{(20)}m_{102}^{(10)} - 3m_{000}^{(11)}m_{100}^{(21)}m_{111}^{(21)}m_{102}^{(00)} - m_{000}^{(11)}m_{100}^{(22)}m_{100}^{(10)}m_{300}^{(22)}m_{021}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{300}^{(11)}m_{111}^{(22)} + 2m_{000}^{(11)}m_{100}^{(22)}m_{300}^{(20)}m_{021}^{(21)} - m_{000}^{(11)}m_{100}^{(22)}m_{300}^{(20)}m_{012}^{(11)}\\
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&+m_{000}^{(11)}m_{100}^{(22)}m_{210}^{(22)}m_{021}^{(00)} - m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(00)}m_{021}^{(21)} + m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(10)}m_{120}^{(22)}\\
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&+m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(22)}m_{120}^{(10)} - m_{000}^{(11)}m_{100}^{(22)}m_{120}^{(00)}m_{111}^{(22)} + 2m_{000}^{(11)}m_{100}^{(22)}m_{120}^{(20)}m_{111}^{(20)}\\
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&+m_{000}^{(11)}m_{100}^{(22)}m_{111}^{(00)}m_{111}^{(21)} - m_{000}^{(11)}m_{100}^{(22)}m_{111}^{(10)}m_{111}^{(20)} + m_{000}^{(11)}m_{001}^{(00)}m_{210}^{(11)}m_{003}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{210}^{(21)}m_{012}^{(20)} - m_{000}^{(11)}m_{001}^{(00)}m_{210}^{(21)}m_{003}^{(10)} + m_{000}^{(11)}m_{001}^{(00)}m_{210}^{(22)}m_{012}^{(10)}\\
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&+m_{000}^{(11)}m_{001}^{(00)}m_{120}^{(10)}m_{102}^{(22)} - 2m_{000}^{(11)}m_{001}^{(00)}m_{120}^{(10)}m_{003}^{(20)} - m_{000}^{(11)}m_{001}^{(00)}m_{120}^{(20)}m_{102}^{(21)}\\
&+2m_{000}^{(11)}m_{001}^{(00)}m_{120}^{(20)}m_{012}^{(20)} + m_{000}^{(11)}m_{001}^{(00)}m_{120}^{(21)}m_{003}^{(00)} - m_{000}^{(11)}m_{001}^{(00)}m_{120}^{(22)}m_{012}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(00)}m_{021}^{(22)} - m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(00)}m_{003}^{(11)} - m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(10)}m_{111}^{(22)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(10)}m_{102}^{(21)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(10)}m_{012}^{(20)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(10)}m_{003}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(11)}m_{102}^{(20)} - m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(11)}m_{003}^{(00)} + m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(20)}m_{111}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(20)}m_{102}^{(11)} - 2m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(20)}m_{021}^{(20)} - 2m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(20)}m_{012}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(21)}m_{102}^{(10)} + m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(22)}m_{021}^{(00)} - m_{000}^{(11)}m_{001}^{(00)}m_{102}^{(00)}m_{102}^{(21)}m_{021}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{102}^{(00)}m_{012}^{(11)} - 2m_{000}^{(11)}m_{001}^{(00)}m_{102}^{(10)}m_{012}^{(10)} + m_{000}^{(11)}m_{001}^{(00)}m_{102}^{(11)}m_{012}^{(00)}\\
&+2m_{000}^{(11)}m_{001}^{(00)}m_{102}^{(20)}m_{021}^{(10)} - m_{000}^{(11)}m_{001}^{(00)}m_{102}^{(21)}m_{021}^{(00)} - m_{000}^{(11)}m_{001}^{(10)}m_{300}^{(11)}m_{003}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{300}^{(21)}m_{012}^{(20)} + m_{000}^{(11)}m_{001}^{(10)}m_{300}^{(21)}m_{003}^{(10)} - m_{000}^{(11)}m_{001}^{(10)}m_{300}^{(22)}m_{012}^{(10)}\\
&+2m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(00)}m_{012}^{(22)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(00)}m_{003}^{(21)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(10)}m_{102}^{(22)}\\
&+2m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(10)}m_{003}^{(20)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(20)}m_{102}^{(21)} - 3m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(20)}m_{012}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(20)}m_{003}^{(10)} + m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(21)}m_{102}^{(20)} - m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(21)}m_{003}^{(00)}
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&-m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(22)}m_{102}^{(10)}+m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(22)}m_{012}^{(00)}-m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(00)}m_{021}^{(22)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(00)}m_{003}^{(11)}+m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(10)}m_{111}^{(22)}+m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(10)}m_{102}^{(21)}\\
&-2m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(10)}m_{003}^{(10)}+2m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(11)}m_{102}^{(20)}+m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(11)}m_{003}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(20)}m_{111}^{(21)}-m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(20)}m_{102}^{(11)}+m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(20)}m_{021}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(20)}m_{012}^{(10)}-3m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(21)}m_{111}^{(20)}-2m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(21)}m_{102}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(21)}m_{012}^{(00)}+3m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(22)}m_{111}^{(10)}+m_{000}^{(11)}m_{001}^{(10)}m_{120}^{(00)}m_{003}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{120}^{(20)}m_{102}^{(20)}-m_{000}^{(11)}m_{001}^{(10)}m_{120}^{(20)}m_{003}^{(00)}+m_{000}^{(11)}m_{001}^{(10)}m_{120}^{(22)}m_{102}^{(00)}\\
&-3m_{000}^{(11)}m_{001}^{(10)}m_{111}^{(00)}m_{111}^{(22)}+3m_{000}^{(11)}m_{001}^{(10)}m_{111}^{(00)}m_{102}^{(21)}-2m_{000}^{(11)}m_{001}^{(10)}m_{111}^{(00)}m_{012}^{(20)}\\
&-3m_{000}^{(11)}m_{001}^{(10)}m_{111}^{(10)}m_{102}^{(20)}+3m_{000}^{(11)}m_{001}^{(10)}(m_{111}^{(20)})^2-m_{000}^{(11)}m_{001}^{(10)}m_{111}^{(20)}m_{102}^{(10)}\\
&+2m_{000}^{(11)}m_{001}^{(10)}m_{111}^{(20)}m_{012}^{(00)}+m_{000}^{(11)}m_{001}^{(10)}m_{111}^{(21)}m_{102}^{(00)}-2m_{000}^{(11)}m_{001}^{(10)}m_{102}^{(00)}m_{102}^{(11)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{102}^{(00)}m_{021}^{(20)}+2m_{000}^{(11)}m_{001}^{(10)}(m_{102}^{(10)})^2-m_{000}^{(11)}m_{001}^{(10)}m_{102}^{(20)}m_{021}^{(00)}\\
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&-m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(20)}m_{102}^{(21)}+m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(20)}m_{012}^{(20)}-m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(20)}m_{003}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(21)}m_{102}^{(20)}+m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(22)}m_{102}^{(10)}-m_{000}^{(11)}m_{001}^{(11)}m_{210}^{(00)}m_{003}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{210}^{(20)}m_{102}^{(20)}+m_{000}^{(11)}m_{001}^{(11)}m_{210}^{(20)}m_{003}^{(00)}-m_{000}^{(11)}m_{001}^{(11)}m_{210}^{(22)}m_{102}^{(00)}\\
&+2m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(00)}m_{111}^{(22)}-2m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(00)}m_{102}^{(21)}+m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(00)}m_{012}^{(20)}\\
&-2m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(10)}m_{201}^{(22)}-m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(10)}m_{102}^{(20)}+2m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(20)}m_{201}^{(21)}\\
&-2m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(20)}m_{111}^{(20)}+2m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(20)}m_{102}^{(10)}-m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(20)}m_{012}^{(00)}\\
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&+m_{000}^{(11)}m_{001}^{(20)}m_{300}^{(11)}m_{012}^{(20)}-m_{000}^{(11)}m_{001}^{(20)}m_{300}^{(21)}m_{021}^{(20)}-m_{000}^{(11)}m_{001}^{(20)}m_{300}^{(21)}m_{012}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{300}^{(22)}m_{021}^{(10)}-m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(00)}m_{021}^{(22)}+m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(00)}m_{003}^{(11)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(10)}m_{111}^{(22)}+m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(10)}m_{102}^{(21)}-m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(10)}m_{012}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(10)}m_{003}^{(10)}-2m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(11)}m_{102}^{(20)}-m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(20)}m_{111}^{(21)}\\
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&+2m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(21)}m_{102}^{(10)}+m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(21)}m_{012}^{(00)}-m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(22)}m_{111}^{(10)}\\
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&-m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(11)}m_{012}^{(00)}+2m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(20)}m_{111}^{(11)}-2m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(20)}m_{021}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(21)}m_{120}^{(20)}+m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(21)}m_{021}^{(00)}-m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(22)}m_{120}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{120}^{(00)}m_{111}^{(22)}-m_{000}^{(11)}m_{001}^{(20)}m_{120}^{(00)}m_{102}^{(21)}-m_{000}^{(11)}m_{001}^{(20)}m_{120}^{(00)}m_{003}^{(10)}\\
&+2m_{000}^{(11)}m_{001}^{(20)}m_{120}^{(10)}m_{102}^{(20)}+m_{000}^{(11)}m_{001}^{(20)}m_{120}^{(10)}m_{003}^{(00)}-2m_{000}^{(11)}m_{001}^{(20)}m_{120}^{(20)}m_{111}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{120}^{(20)}m_{102}^{(10)}-2m_{000}^{(11)}m_{001}^{(20)}m_{120}^{(21)}m_{102}^{(00)}+m_{000}^{(11)}m_{001}^{(20)}m_{120}^{(22)}m_{111}^{(00)}\\
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&-2m_{000}^{(11)}m_{001}^{(20)}m_{111}^{(10)}m_{102}^{(10)}-2m_{000}^{(11)}m_{001}^{(20)}m_{111}^{(10)}m_{012}^{(00)}+2m_{000}^{(11)}m_{001}^{(20)}m_{111}^{(11)}m_{102}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{102}^{(00)}m_{021}^{(10)}+m_{000}^{(11)}m_{001}^{(20)}m_{102}^{(10)}m_{021}^{(00)}+m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(00)}m_{021}^{(22)}\\
&-m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(00)}m_{003}^{(11)}-m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(10)}m_{111}^{(22)}-m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(10)}m_{102}^{(21)}\\
&-m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(10)}m_{012}^{(20)}+m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(10)}m_{003}^{(10)}+m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(11)}m_{102}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(20)}m_{111}^{(21)}+m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(20)}m_{102}^{(11)}-m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(20)}m_{021}^{(20)}
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&+m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(20)}m_{012}^{(10)} + m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(21)}m_{111}^{(20)} - m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(21)}m_{102}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(22)}m_{111}^{(10)} - m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(00)}m_{111}^{(22)} + m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(00)}m_{102}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(00)}m_{012}^{(20)} + m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(00)}m_{003}^{(10)} + m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(10)}m_{201}^{(22)}\\
&-m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(10)}m_{003}^{(00)} - m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(20)}m_{201}^{(21)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(20)}m_{102}^{(10)}\\
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&+m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(22)}m_{201}^{(10)} + m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(22)}m_{111}^{(00)} - m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(00)}m_{120}^{(22)}\\
&-m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(00)}m_{111}^{(21)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(00)}m_{102}^{(11)} - m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(00)}m_{021}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(00)}m_{012}^{(10)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(10)}m_{201}^{(21)} + 3m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(10)}m_{111}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(10)}m_{102}^{(10)} + m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(10)}m_{012}^{(00)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(11)}m_{201}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(11)}m_{102}^{(00)} + m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(20)}m_{120}^{(20)} - m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(20)}m_{111}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(20)}m_{021}^{(00)} - m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(21)}m_{111}^{(00)} - m_{000}^{(11)}m_{001}^{(21)}m_{120}^{(00)}m_{102}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(21)}m_{120}^{(20)}m_{102}^{(00)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{111}^{(00)}m_{102}^{(10)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{111}^{(10)}m_{102}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(00)}m_{021}^{(21)} + m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(00)}m_{012}^{(11)} + m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(10)}m_{111}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(10)}m_{021}^{(20)} - m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(10)}m_{012}^{(10)} - m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(11)}m_{111}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(20)}m_{111}^{(11)} + m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(21)}m_{111}^{(10)} + m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(00)}m_{111}^{(21)}\\
&-m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(00)}m_{102}^{(11)} - m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(00)}m_{012}^{(10)} - m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(10)}m_{201}^{(21)}\\
&-m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(10)}m_{111}^{(20)} + m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(10)}m_{102}^{(10)} + m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(10)}m_{012}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(11)}m_{201}^{(20)} + m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(20)}m_{201}^{(11)} + m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(20)}m_{111}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(21)}m_{201}^{(10)} - m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(21)}m_{111}^{(00)} + m_{000}^{(11)}m_{001}^{(22)}m_{201}^{(00)}m_{120}^{(21)}\\
&-m_{000}^{(11)}m_{001}^{(22)}m_{201}^{(00)}m_{111}^{(11)} + m_{000}^{(11)}m_{001}^{(22)}m_{201}^{(00)}m_{021}^{(10)} - m_{000}^{(11)}m_{001}^{(22)}m_{201}^{(10)}m_{120}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(22)}m_{201}^{(10)}m_{021}^{(00)} + m_{000}^{(11)}m_{001}^{(22)}m_{201}^{(11)}m_{111}^{(00)} + m_{000}^{(11)}m_{001}^{(22)}m_{120}^{(00)}m_{102}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(22)}m_{120}^{(10)}m_{102}^{(00)} - m_{000}^{(20)}m_{100}^{(00)}m_{120}^{(11)}m_{003}^{(21)} + m_{000}^{(20)}m_{100}^{(00)}m_{120}^{(21)}m_{012}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{120}^{(21)}m_{003}^{(11)} - m_{000}^{(20)}m_{100}^{(00)}m_{120}^{(22)}m_{012}^{(11)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{111}^{(11)}m_{012}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(00)}m_{111}^{(21)}m_{021}^{(21)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{111}^{(21)}m_{012}^{(11)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{111}^{(22)}m_{021}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(00)}m_{102}^{(11)}m_{021}^{(21)} + m_{000}^{(20)}m_{100}^{(00)}m_{102}^{(21)}m_{030}^{(21)} + m_{000}^{(20)}m_{100}^{(00)}m_{102}^{(21)}m_{021}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(00)}m_{102}^{(22)}m_{030}^{(11)} + m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(10)}m_{012}^{(22)} + m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(11)}m_{003}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(20)}m_{012}^{(21)} - m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(21)}m_{012}^{(20)} - m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(21)}m_{003}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(22)}m_{012}^{(10)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{021}^{(10)}m_{021}^{(22)} - m_{000}^{(20)}m_{100}^{(00)}m_{021}^{(10)}m_{012}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(00)}m_{021}^{(11)}m_{012}^{(20)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{021}^{(20)}m_{021}^{(21)} + m_{000}^{(20)}m_{100}^{(00)}m_{021}^{(20)}m_{012}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(00)}m_{021}^{(21)}m_{012}^{(10)} + m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(11)}m_{210}^{(21)}m_{003} - m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(21)}m_{210}^{(21)}m_{012}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{210}^{(21)}m_{003}^{(11)} + m_{000}^{(20)}m_{100}^{(10)}m_{210}^{(22)}m_{012}^{(11)} - m_{000}^{(20)}m_{100}^{(10)}m_{201}^{(11)}m_{012}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{201}^{(21)}m_{021}^{(21)} + m_{000}^{(20)}m_{100}^{(10)}m_{201}^{(21)}m_{012}^{(11)} - m_{000}^{(20)}m_{100}^{(10)}m_{201}^{(22)}m_{021}^{(11)}\\
&-2m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(10)}m_{012}^{(22)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(10)}m_{003}^{(21)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(11)}m_{102}^{(22)}\\
&-2m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(11)}m_{003}^{(20)} + m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(20)}m_{012}^{(21)} - m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(20)}m_{003}^{(11)}\\
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&+m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(22)}m_{102}^{(11)} - m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(22)}m_{012}^{(10)} + 3m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(10)}m_{021}^{(22)}\\
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&+3m_{000}^{(20)}m_{100}^{(10)}(m_{111}^{(21)})^2+2m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(21)}m_{102}^{(11)}-3m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(21)}m_{021}^{(20)}\\
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&+m_{000}^{(20)}m_{100}^{(11)}m_{120}^{(22)}m_{102}^{(10)}-m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(00)}m_{012}^{(21)}-m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(00)}m_{003}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(10)}m_{111}^{(22)}+2m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(10)}m_{102}^{(21)}-m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(10)}m_{012}^{(20)}\\
&+2m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(10)}m_{003}^{(10)}-m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(11)}m_{003}^{(00)}+m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(20)}m_{111}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(20)}m_{012}^{(10)}-2m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(21)}m_{102}^{(10)}+m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(21)}m_{012}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{102}^{(00)}m_{012}^{(11)}+m_{000}^{(20)}m_{100}^{(11)}m_{102}^{(10)}m_{021}^{(20)}-2m_{000}^{(20)}m_{100}^{(11)}m_{102}^{(10)}m_{012}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{102}^{(11)}m_{012}^{(00)}-m_{000}^{(20)}m_{100}^{(11)}m_{102}^{(21)}m_{021}^{(00)}-m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(11)}m_{012}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{210}^{(21)}m_{021}^{(21)}+m_{000}^{(20)}m_{100}^{(20)}m_{210}^{(21)}m_{012}^{(11)}-m_{000}^{(20)}m_{100}^{(20)}m_{210}^{(22)}m_{021}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{201}^{(11)}m_{021}^{(21)}-m_{000}^{(20)}m_{100}^{(20)}m_{201}^{(21)}m_{030}^{(21)}-m_{000}^{(20)}m_{100}^{(20)}m_{201}^{(21)}m_{021}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{201}^{(22)}m_{030}^{(11)}+m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(10)}m_{021}^{(22)}-m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(10)}m_{003}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(11)}m_{111}^{(22)}+m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(11)}m_{102}^{(21)}+m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(11)}m_{012}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(11)}m_{003}^{(10)}-m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(20)}m_{021}^{(21)}+m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(20)}m_{012}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(21)}m_{102}^{(11)}-m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(21)}m_{021}^{(20)}-2m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(21)}m_{012}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(22)}m_{111}^{(11)}+m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(22)}m_{021}^{(10)}-m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(10)}m_{030}^{(22)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(10)}m_{021}^{(21)}+2m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(10)}m_{012}^{(11)}-m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(11)}m_{021}^{(20)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(11)}m_{012}^{(10)}+m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(20)}m_{030}^{(21)}-m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(20)}m_{021}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(21)}m_{030}^{(20)}+3m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(21)}m_{021}^{(10)}-m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(22)}m_{030}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{102}^{(10)}m_{030}^{(21)}-m_{000}^{(20)}m_{100}^{(20)}m_{102}^{(10)}m_{021}^{(11)}+m_{000}^{(20)}m_{100}^{(20)}m_{102}^{(11)}m_{021}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{102}^{(21)}m_{030}^{(10)}+m_{000}^{(20)}m_{100}^{(20)}m_{030}^{(00)}m_{012}^{(21)}-m_{000}^{(20)}m_{100}^{(20)}m_{030}^{(10)}m_{012}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{030}^{(10)}m_{003}^{(10)}-m_{000}^{(20)}m_{100}^{(20)}m_{030}^{(11)}m_{003}^{(00)}-m_{000}^{(20)}m_{100}^{(20)}m_{030}^{(20)}m_{012}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{030}^{(21)}m_{012}^{(00)}-2m_{000}^{(20)}m_{100}^{(20)}m_{021}^{(00)}m_{021}^{(21)}-m_{000}^{(20)}m_{100}^{(20)}m_{021}^{(00)}m_{012}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{021}^{(10)}m_{021}^{(20)}-m_{000}^{(20)}m_{100}^{(20)}m_{021}^{(10)}m_{012}^{(10)}+2m_{000}^{(20)}m_{100}^{(20)}m_{021}^{(11)}m_{012}^{(00)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(10)}m_{021}^{(22)}+2m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(10)}m_{012}^{(21)}+m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(10)}m_{003}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(11)}m_{111}^{(22)}-m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(11)}m_{012}^{(20)}-m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(11)}m_{003}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(20)}m_{012}^{(11)}-2m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(21)}m_{111}^{(21)}+m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(21)}m_{021}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(21)}m_{012}^{(10)}+m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(22)}m_{111}^{(11)}+m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(10)}m_{030}^{(22)}
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&-2m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(10)}m_{021}^{(21)} - m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(10)}m_{012}^{(11)} - m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(11)}m_{120}^{(22)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(11)}m_{021}^{(20)} + m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(11)}m_{012}^{(10)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(20)}m_{021}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(21)}m_{120}^{(21)} - m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(21)}m_{030}^{(20)} - m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(21)}m_{021}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(22)}m_{120}^{(11)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(00)}m_{012}^{(21)} + m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(10)}m_{111}^{(22)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(10)}m_{102}^{(21)} + m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(10)}m_{012}^{(20)} - m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(10)}m_{003}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(11)}m_{003}^{(00)} + m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(20)}m_{111}^{(21)} + m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(20)}m_{102}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(20)}m_{012}^{(10)} - m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(21)}m_{111}^{(20)} - m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(21)}m_{012}^{(00)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(22)}m_{111}^{(10)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(00)}m_{021}^{(21)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(00)}m_{012}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(10)}m_{111}^{(21)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(10)}m_{102}^{(11)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(10)}m_{012}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(11)}m_{111}^{(20)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(11)}m_{102}^{(10)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(20)}m_{021}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{102}^{(00)}m_{021}^{(11)} - m_{000}^{(20)}m_{100}^{(21)}m_{102}^{(10)}m_{030}^{(20)} + 3m_{000}^{(20)}m_{100}^{(21)}m_{102}^{(10)}m_{021}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{102}^{(11)}m_{021}^{(00)} + m_{000}^{(20)}m_{100}^{(21)}m_{102}^{(21)}m_{030}^{(00)} - m_{000}^{(20)}m_{100}^{(22)}m_{210}^{(10)}m_{012}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{210}^{(11)}m_{012}^{(10)} + m_{000}^{(20)}m_{100}^{(22)}m_{210}^{(20)}m_{021}^{(11)} - m_{000}^{(20)}m_{100}^{(22)}m_{210}^{(21)}m_{021}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{201}^{(10)}m_{021}^{(11)} - m_{000}^{(20)}m_{100}^{(22)}m_{201}^{(11)}m_{021}^{(10)} - m_{000}^{(20)}m_{100}^{(22)}m_{201}^{(20)}m_{030}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{201}^{(21)}m_{030}^{(10)} + m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(00)}m_{021}^{(21)} - m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(10)}m_{111}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(10)}m_{102}^{(11)} - m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(10)}m_{021}^{(20)} + m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(10)}m_{012}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(11)}m_{111}^{(20)} - m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(11)}m_{102}^{(10)} - m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(11)}m_{012}^{(00)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(20)}m_{111}^{(11)} - m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(20)}m_{021}^{(10)} + m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(21)}m_{111}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(21)}m_{021}^{(00)} - m_{000}^{(20)}m_{100}^{(22)}m_{111}^{(00)}m_{030}^{(21)} - m_{000}^{(20)}m_{100}^{(22)}m_{111}^{(00)}m_{021}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{111}^{(10)}m_{030}^{(20)} + m_{000}^{(20)}m_{100}^{(22)}m_{111}^{(11)}m_{021}^{(00)} + m_{000}^{(20)}m_{100}^{(22)}m_{111}^{(20)}m_{030}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{111}^{(21)}m_{030}^{(00)} + m_{000}^{(20)}m_{100}^{(22)}m_{102}^{(00)}m_{030}^{(11)} - m_{000}^{(20)}m_{100}^{(22)}m_{102}^{(10)}m_{030}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{210}^{(11)}m_{012}^{(22)} + m_{000}^{(20)}m_{010}^{(00)}m_{210}^{(21)}m_{021}^{(22)} + m_{000}^{(20)}m_{010}^{(00)}m_{210}^{(21)}m_{012}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{210}^{(22)}m_{021}^{(21)} + m_{000}^{(20)}m_{010}^{(00)}m_{201}^{(11)}m_{021}^{(22)} - m_{000}^{(20)}m_{010}^{(00)}m_{201}^{(21)}m_{030}^{(22)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{201}^{(21)}m_{021}^{(21)} + m_{000}^{(20)}m_{010}^{(00)}m_{201}^{(22)}m_{030}^{(21)} + m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(10)}m_{012}^{(22)}\\
&+m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(11)}m_{102}^{(22)} + m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(11)}m_{003}^{(20)} - m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(20)}m_{012}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(21)}m_{111}^{(22)} - m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(21)}m_{102}^{(21)} - m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(21)}m_{012}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(21)}m_{003}^{(10)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(22)}m_{111}^{(21)} + m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(22)}m_{012}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(10)}m_{021}^{(22)} - m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(10)}m_{012}^{(21)} - m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(11)}m_{111}^{(22)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(11)}m_{012}^{(20)} + m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(20)}m_{021}^{(21)} + m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(20)}m_{012}^{(11)}\\
&+m_{000}^{(20)}m_{010}^{(00)}(m_{111}^{(21)})^2 + m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(21)}m_{021}^{(20)} + m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(21)}m_{012}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(22)}m_{021}^{(10)} + m_{000}^{(20)}m_{010}^{(00)}m_{102}^{(10)}m_{021}^{(21)} - m_{000}^{(20)}m_{010}^{(00)}m_{102}^{(20)}m_{021}^{(11)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{030}^{(00)}m_{012}^{(22)} + m_{000}^{(20)}m_{010}^{(00)}m_{030}^{(00)}m_{003}^{(21)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{030}^{(10)}m_{003}^{(20)}\\
&+2m_{000}^{(20)}m_{010}^{(00)}m_{030}^{(20)}m_{012}^{(20)} + m_{000}^{(20)}m_{010}^{(00)}m_{030}^{(21)}m_{003}^{(00)} - m_{000}^{(20)}m_{010}^{(00)}m_{030}^{(22)}m_{012}^{(00)}\\
&+2m_{000}^{(20)}m_{010}^{(00)}m_{021}^{(00)}m_{021}^{(22)} - m_{000}^{(20)}m_{010}^{(00)}m_{021}^{(00)}m_{012}^{(21)} - m_{000}^{(20)}m_{010}^{(00)}m_{021}^{(00)}m_{003}^{(11)}\\
&+4m_{000}^{(20)}m_{010}^{(00)}m_{021}^{(10)}m_{012}^{(20)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{021}^{(10)}m_{003}^{(10)} - m_{000}^{(20)}m_{010}^{(00)}m_{021}^{(11)}m_{003}^{(00)}\\
&-2m_{000}^{(20)}m_{010}^{(00)}(m_{021}^{(20)})^2 - 2m_{000}^{(20)}m_{010}^{(00)}m_{021}^{(20)}m_{012}^{(10)} - m_{000}^{(20)}m_{010}^{(00)}m_{021}^{(21)}m_{012}^{(00)}\\
&+2m_{000}^{(20)}m_{010}^{(00)}m_{012}^{(00)}m_{012}^{(11)} - 2m_{000}^{(20)}m_{010}^{(00)}(m_{012}^{(10)})^2 + m_{000}^{(20)}m_{010}^{(10)}m_{300}^{(11)}m_{012}^{(22)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{300}^{(21)}m_{021}^{(22)} - m_{000}^{(20)}m_{010}^{(10)}m_{300}^{(21)}m_{012}^{(21)} + m_{000}^{(20)}m_{010}^{(10)}m_{300}^{(22)}m_{021}^{(21)}
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&-m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(11)}m_{102}^{(22)} - m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(11)}m_{003}^{(20)} - m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(20)}m_{021}^{(22)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(20)}m_{012}^{(21)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(21)}m_{111}^{(22)} + m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(21)}m_{102}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(21)}m_{003}^{(10)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(22)}m_{111}^{(21)} + m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(22)}m_{021}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(22)}m_{012}^{(10)} - m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(10)}m_{021}^{(22)} + m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(10)}m_{012}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(11)}m_{111}^{(22)} + m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(20)}m_{030}^{(22)} - m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(20)}m_{012}^{(11)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(21)}m_{120}^{(22)} + m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(21)}m_{021}^{(20)} - m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(22)}m_{120}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(22)}m_{111}^{(11)} - m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(22)}m_{030}^{(20)} + m_{000}^{(20)}m_{010}^{(10)}m_{120}^{(00)}m_{012}^{(22)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{120}^{(00)}m_{003}^{(21)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{120}^{(10)}m_{102}^{(22)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{120}^{(10)}m_{003}^{(20)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{120}^{(20)}m_{111}^{(22)} + m_{000}^{(20)}m_{010}^{(10)}m_{120}^{(20)}m_{102}^{(21)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{120}^{(20)}m_{012}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{120}^{(20)}m_{003}^{(10)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{120}^{(21)}m_{102}^{(20)} - m_{000}^{(20)}m_{010}^{(10)}m_{120}^{(21)}m_{003}^{(00)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{120}^{(22)}m_{111}^{(20)} - m_{000}^{(20)}m_{010}^{(10)}m_{120}^{(22)}m_{102}^{(10)} + m_{000}^{(20)}m_{010}^{(10)}m_{120}^{(22)}m_{012}^{(00)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(00)}m_{021}^{(22)} + 3m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(00)}m_{012}^{(21)} + m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(00)}m_{003}^{(11)}\\
&+5m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(10)}m_{111}^{(22)} - 3m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(10)}m_{012}^{(20)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(10)}m_{003}^{(10)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(11)}m_{102}^{(20)} + m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(11)}m_{003}^{(00)} - 5m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(20)}m_{111}^{(21)}\\
&+4m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(20)}m_{021}^{(20)} - m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(20)}m_{012}^{(10)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(21)}m_{102}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(21)}m_{012}^{(00)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(22)}m_{021}^{(00)} + m_{000}^{(20)}m_{010}^{(10)}m_{102}^{(00)}m_{030}^{(22)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{102}^{(00)}m_{021}^{(21)} - m_{000}^{(20)}m_{010}^{(10)}m_{102}^{(00)}m_{012}^{(11)} + m_{000}^{(20)}m_{010}^{(10)}m_{102}^{(10)}m_{021}^{(20)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{102}^{(10)}m_{012}^{(10)} - m_{000}^{(20)}m_{010}^{(10)}m_{102}^{(11)}m_{012}^{(00)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{102}^{(20)}m_{030}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{102}^{(22)}m_{030}^{(00)} + m_{000}^{(20)}m_{010}^{(10)}m_{030}^{(00)}m_{003}^{(20)} - m_{000}^{(20)}m_{010}^{(10)}m_{030}^{(20)}m_{003}^{(00)}\\
&-3m_{000}^{(20)}m_{010}^{(10)}m_{021}^{(00)}m_{012}^{(20)} + 3m_{000}^{(20)}m_{010}^{(10)}m_{021}^{(20)}m_{012}^{(00)} - m_{000}^{(20)}m_{010}^{(11)}m_{300}^{(10)}m_{012}^{(22)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{300}^{(20)}m_{021}^{(22)} + m_{000}^{(20)}m_{010}^{(11)}m_{300}^{(21)}m_{012}^{(20)} - m_{000}^{(20)}m_{010}^{(11)}m_{300}^{(22)}m_{021}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{210}^{(00)}m_{003}^{(21)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{210}^{(10)}m_{102}^{(22)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{210}^{(20)}m_{111}^{(22)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{210}^{(20)}m_{102}^{(21)} - m_{000}^{(20)}m_{010}^{(11)}m_{210}^{(20)}m_{003}^{(10)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{210}^{(21)}m_{102}^{(20)}\\
&+2m_{000}^{(20)}m_{010}^{(11)}m_{210}^{(22)}m_{111}^{(20)} + m_{000}^{(20)}m_{010}^{(11)}m_{210}^{(22)}m_{102}^{(10)} + m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(00)}m_{021}^{(22)}\\
&-2m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(00)}m_{012}^{(21)} + m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(10)}m_{012}^{(20)} - m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(20)}m_{120}^{(22)}\\
&+2m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(20)}m_{111}^{(21)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(20)}m_{021}^{(20)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(20)}m_{012}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(21)}m_{012}^{(00)} + m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(22)}m_{120}^{(20)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(22)}m_{111}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(22)}m_{021}^{(00)} - m_{000}^{(20)}m_{010}^{(11)}m_{120}^{(00)}m_{102}^{(22)} - m_{000}^{(20)}m_{010}^{(11)}m_{120}^{(00)}m_{003}^{(20)}\\
&+2m_{000}^{(20)}m_{010}^{(11)}m_{120}^{(20)}m_{102}^{(20)} + m_{000}^{(20)}m_{010}^{(11)}m_{120}^{(20)}m_{003}^{(00)} - m_{000}^{(20)}m_{010}^{(11)}m_{120}^{(22)}m_{102}^{(00)}\\
&+2m_{000}^{(20)}m_{010}^{(11)}m_{111}^{(00)}m_{012}^{(20)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{111}^{(10)}m_{102}^{(20)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{111}^{(20)}m_{012}^{(00)}\\
&+2m_{000}^{(20)}m_{010}^{(11)}m_{111}^{(21)}m_{102}^{(00)} - m_{000}^{(20)}m_{010}^{(11)}m_{102}^{(00)}m_{021}^{(20)} + m_{000}^{(20)}m_{010}^{(11)}m_{102}^{(20)}m_{021}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{300}^{(11)}m_{021}^{(22)} + m_{000}^{(20)}m_{010}^{(20)}m_{300}^{(21)}m_{030}^{(22)} + m_{000}^{(20)}m_{010}^{(20)}m_{300}^{(21)}m_{021}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{300}^{(22)}m_{030}^{(21)} + 3m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(11)}m_{111}^{(22)} + m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(11)}m_{012}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(20)}m_{021}^{(21)} - m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(20)}m_{012}^{(11)} - 3m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(21)}m_{120}^{(22)}\\
&-4m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(21)}m_{111}^{(21)} - m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(21)}m_{021}^{(20)} + 3m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(22)}m_{120}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(22)}m_{111}^{(11)} + m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(10)}m_{030}^{(22)} - m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(10)}m_{021}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(11)}m_{120}^{(22)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(20)}m_{030}^{(21)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(20)}m_{021}^{(11)}\\
&+3m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(21)}m_{120}^{(21)} - m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(21)}m_{021}^{(10)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(22)}m_{120}^{(11)}
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&+m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(22)}m_{030}^{(10)}+m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(00)}m_{003}^{(11)}-m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(10)}m_{111}^{(22)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(10)}m_{102}^{(21)}-m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(10)}m_{012}^{(20)}-m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(10)}m_{003}^{(10)}\\
&-2m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(11)}m_{102}^{(20)}-m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(20)}m_{111}^{(21)}+m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(20)}m_{012}^{(10)}\\
&+3m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(21)}m_{111}^{(20)}+m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(21)}m_{102}^{(10)}-m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(22)}m_{111}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{111}^{(00)}m_{021}^{(21)}-3m_{000}^{(20)}m_{010}^{(20)}m_{111}^{(00)}m_{012}^{(11)}+m_{000}^{(20)}m_{010}^{(20)}m_{111}^{(10)}m_{021}^{(20)}\\
&+4m_{000}^{(20)}m_{010}^{(20)}m_{111}^{(10)}m_{012}^{(10)}-m_{000}^{(20)}m_{010}^{(20)}m_{111}^{(11)}m_{012}^{(00)}-3m_{000}^{(20)}m_{010}^{(20)}m_{111}^{(20)}m_{021}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{111}^{(21)}m_{021}^{(00)}-m_{000}^{(20)}m_{010}^{(20)}m_{102}^{(00)}m_{030}^{(21)}+2m_{000}^{(20)}m_{010}^{(20)}m_{102}^{(00)}m_{021}^{(11)}\\
&-3m_{000}^{(20)}m_{010}^{(20)}m_{102}^{(10)}m_{021}^{(10)}+m_{000}^{(20)}m_{010}^{(20)}m_{102}^{(11)}m_{021}^{(00)}+2m_{000}^{(20)}m_{010}^{(20)}m_{102}^{(20)}m_{030}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{102}^{(21)}m_{030}^{(00)}-m_{000}^{(20)}m_{010}^{(20)}m_{030}^{(00)}m_{003}^{(10)}+m_{000}^{(20)}m_{010}^{(20)}m_{030}^{(10)}m_{003}^{(00)}\\
&+3m_{000}^{(20)}m_{010}^{(20)}m_{021}^{(00)}m_{012}^{(10)}-3m_{000}^{(20)}m_{010}^{(20)}m_{021}^{(10)}m_{012}^{(00)}+2m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(10)}m_{021}^{(22)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(11)}m_{111}^{(22)}-m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(20)}m_{030}^{(22)}-2m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(20)}m_{021}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(20)}m_{012}^{(11)}+2m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(21)}m_{111}^{(21)}-m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(21)}m_{021}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(21)}m_{012}^{(10)}-m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(22)}m_{111}^{(11)}+m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(22)}m_{030}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(22)}m_{021}^{(10)}-m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(00)}m_{021}^{(22)}-m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(00)}m_{003}^{(11)}\\
&-3m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(10)}m_{111}^{(22)}-m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(10)}m_{102}^{(21)}-m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(10)}m_{012}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(10)}m_{003}^{(10)}+m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(11)}m_{201}^{(22)}+m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(11)}m_{102}^{(20)}\\
&+3m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(20)}m_{120}^{(22)}+3m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(20)}m_{111}^{(21)}+2m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(20)}m_{021}^{(20)}\\
&-2m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(21)}m_{201}^{(21)}+m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(21)}m_{111}^{(20)}+m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(21)}m_{012}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(22)}m_{201}^{(11)}-3m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(22)}m_{120}^{(20)}-m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(22)}m_{111}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(22)}m_{021}^{(00)}-m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(00)}m_{030}^{(22)}+2m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(00)}m_{021}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(00)}m_{012}^{(11)}-m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(10)}m_{021}^{(20)}-m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(10)}m_{012}^{(10)}\\
&-2m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(20)}m_{111}^{(11)}+2m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(20)}m_{030}^{(20)}-2m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(20)}m_{021}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(21)}m_{120}^{(20)}+2m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(21)}m_{111}^{(10)}+m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(21)}m_{021}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(22)}m_{120}^{(10)}-m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(22)}m_{030}^{(00)}+2m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(00)}m_{111}^{(22)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(00)}m_{102}^{(21)}+m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(00)}m_{012}^{(20)}+m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(00)}m_{003}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(10)}m_{003}^{(00)}-4m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(20)}m_{111}^{(20)}-m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(20)}m_{102}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(20)}m_{012}^{(00)}+2m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(22)}m_{111}^{(00)}-5m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(00)}m_{111}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(00)}m_{102}^{(11)}-2m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(00)}m_{021}^{(20)}-2m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(00)}m_{012}^{(10)}\\
&+5m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(10)}m_{111}^{(20)}+2m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(10)}m_{012}^{(00)}-m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(11)}m_{102}^{(00)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(20)}m_{021}^{(00)}+m_{000}^{(20)}m_{010}^{(21)}m_{102}^{(00)}m_{030}^{(20)}+m_{000}^{(20)}m_{010}^{(21)}m_{102}^{(00)}m_{021}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{102}^{(10)}m_{021}^{(00)}-m_{000}^{(20)}m_{010}^{(21)}m_{102}^{(20)}m_{030}^{(00)}-m_{000}^{(20)}m_{010}^{(22)}m_{300}^{(10)}m_{030}^{(22)}\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{300}^{(11)}m_{120}^{(22)}+2m_{000}^{(20)}m_{010}^{(22)}m_{300}^{(20)}m_{030}^{(21)}-m_{000}^{(20)}m_{010}^{(22)}m_{300}^{(20)}m_{021}^{(11)}\\
&-2m_{000}^{(20)}m_{010}^{(22)}m_{300}^{(21)}m_{120}^{(21)}+m_{000}^{(20)}m_{010}^{(22)}m_{300}^{(21)}m_{021}^{(10)}+m_{000}^{(20)}m_{010}^{(22)}m_{300}^{(22)}m_{120}^{(11)}\\
&-m_{000}^{(20)}m_{010}^{(22)}m_{300}^{(22)}m_{030}^{(10)}+m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(00)}m_{030}^{(22)}-m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(00)}m_{021}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(00)}m_{012}^{(11)}+m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(10)}m_{120}^{(21)}+m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(10)}m_{111}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(10)}m_{021}^{(20)}-m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(10)}m_{012}^{(10)}-2m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(11)}m_{210}^{(22)}\\
&-m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(11)}m_{111}^{(20)}-4m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(20)}m_{120}^{(21)}+m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(20)}m_{111}^{(11)}\\
&-2m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(20)}m_{030}^{(20)}+m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(20)}m_{021}^{(10)}+2m_{000}^{(20)}m_{010}^{(22)}(m_{210}^{(21)})^2
\end{aligned}
$$

$$+2m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(21)}m_{120}^{(20)} - m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(21)}m_{111}^{(10)} - m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(21)}m_{021}^{(00)}$$
$$+m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(22)}m_{120}^{(10)} + m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(22)}m_{030}^{(00)} - m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(00)}m_{021}^{(11)}$$
$$+m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(10)}m_{021}^{(10)} + m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(20)}m_{120}^{(11)} - m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(21)}m_{120}^{(10)}$$
$$-2m_{000}^{(20)}m_{010}^{(22)}m_{120}^{(00)}m_{120}^{(22)} + m_{000}^{(20)}m_{010}^{(22)}m_{120}^{(00)}m_{111}^{(21)} - m_{000}^{(20)}m_{010}^{(22)}m_{120}^{(00)}m_{102}^{(11)}$$
$$-m_{000}^{(20)}m_{010}^{(22)}m_{120}^{(00)}m_{012}^{(10)} - m_{000}^{(20)}m_{010}^{(22)}m_{120}^{(10)}m_{111}^{(20)} + m_{000}^{(20)}m_{010}^{(22)}m_{120}^{(10)}m_{102}^{(10)}$$
$$+m_{000}^{(20)}m_{010}^{(22)}m_{120}^{(10)}m_{012}^{(00)} + 2m_{000}^{(20)}m_{010}^{(22)}(m_{120}^{(20)})^2 - m_{000}^{(20)}m_{010}^{(22)}m_{120}^{(20)}m_{111}^{(10)}$$
$$+m_{000}^{(20)}m_{010}^{(22)}m_{120}^{(21)}m_{111}^{(00)} + m_{000}^{(20)}m_{010}^{(22)}m_{111}^{(00)}m_{111}^{(11)} + 2m_{000}^{(20)}m_{010}^{(22)}m_{111}^{(00)}m_{021}^{(10)}$$
$$-m_{000}^{(20)}m_{010}^{(22)}(m_{111}^{(10)})^2 - 2m_{000}^{(20)}m_{010}^{(22)}m_{111}^{(10)}m_{021}^{(00)} - m_{000}^{(20)}m_{010}^{(22)}m_{102}^{(00)}m_{030}^{(10)}$$
$$+m_{000}^{(20)}m_{010}^{(22)}m_{102}^{(10)}m_{030}^{(00)} + m_{000}^{(20)}m_{001}^{(00)}m_{210}^{(11)}m_{012}^{(21)} - m_{000}^{(20)}m_{001}^{(00)}m_{210}^{(21)}m_{021}^{(21)}$$
$$-m_{000}^{(20)}m_{001}^{(00)}m_{210}^{(21)}m_{012}^{(11)} + m_{000}^{(20)}m_{001}^{(00)}m_{210}^{(22)}m_{021}^{(11)} - m_{000}^{(20)}m_{001}^{(00)}m_{201}^{(11)}m_{021}^{(21)}$$
$$+m_{000}^{(20)}m_{001}^{(00)}m_{201}^{(21)}m_{030}^{(21)} + m_{000}^{(20)}m_{001}^{(00)}m_{201}^{(21)}m_{021}^{(11)} - m_{000}^{(20)}m_{001}^{(00)}m_{201}^{(22)}m_{030}^{(11)}$$
$$-m_{000}^{(20)}m_{001}^{(00)}m_{120}^{(10)}m_{021}^{(22)} + m_{000}^{(20)}m_{001}^{(00)}m_{120}^{(11)}m_{111}^{(22)} - m_{000}^{(20)}m_{001}^{(00)}m_{120}^{(11)}m_{102}^{(21)}$$
$$-m_{000}^{(20)}m_{001}^{(00)}m_{120}^{(11)}m_{012}^{(20)} + m_{000}^{(20)}m_{001}^{(00)}m_{120}^{(20)}m_{021}^{(21)} + m_{000}^{(20)}m_{001}^{(00)}m_{120}^{(21)}m_{102}^{(11)}$$
$$+m_{000}^{(20)}m_{001}^{(00)}m_{120}^{(21)}m_{021}^{(20)} + m_{000}^{(20)}m_{001}^{(00)}m_{120}^{(21)}m_{012}^{(10)} - m_{000}^{(20)}m_{001}^{(00)}m_{120}^{(22)}m_{111}^{(11)}$$
$$-m_{000}^{(20)}m_{001}^{(00)}m_{120}^{(22)}m_{021}^{(10)} + m_{000}^{(20)}m_{001}^{(00)}m_{111}^{(10)}m_{111}^{(22)} + m_{000}^{(20)}m_{001}^{(00)}m_{111}^{(10)}m_{021}^{(21)}$$
$$+m_{000}^{(20)}m_{001}^{(00)}m_{111}^{(11)}m_{021}^{(20)} - m_{000}^{(20)}m_{001}^{(00)}m_{111}^{(20)}m_{030}^{(21)} - m_{000}^{(20)}m_{001}^{(00)}m_{111}^{(20)}m_{021}^{(11)}$$
$$-m_{000}^{(20)}m_{001}^{(00)}m_{111}^{(21)}m_{030}^{(20)} - m_{000}^{(20)}m_{001}^{(00)}m_{111}^{(21)}m_{021}^{(10)} + m_{000}^{(20)}m_{001}^{(00)}m_{111}^{(22)}m_{030}^{(10)}$$
$$-m_{000}^{(20)}m_{001}^{(00)}m_{102}^{(10)}m_{030}^{(21)} + m_{000}^{(20)}m_{001}^{(00)}m_{102}^{(20)}m_{030}^{(11)} - m_{000}^{(20)}m_{001}^{(10)}m_{300}^{(11)}m_{012}^{(21)}$$
$$+m_{000}^{(20)}m_{001}^{(10)}m_{300}^{(21)}m_{021}^{(21)} + m_{000}^{(20)}m_{001}^{(10)}m_{300}^{(21)}m_{012}^{(11)} - m_{000}^{(20)}m_{001}^{(10)}m_{300}^{(22)}m_{021}^{(11)}$$
$$+2m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(10)}m_{021}^{(22)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(10)}m_{012}^{(21)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(11)}m_{111}^{(22)}$$
$$+m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(11)}m_{102}^{(21)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(11)}m_{012}^{(20)} - m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(20)}m_{021}^{(21)}$$
$$+m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(20)}m_{012}^{(11)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(21)}m_{111}^{(21)} - m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(21)}m_{102}^{(11)}$$
$$-2m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(21)}m_{021}^{(20)} - m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(21)}m_{012}^{(10)} + m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(22)}m_{021}^{(10)}$$
$$-m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(10)}m_{030}^{(22)} + m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(10)}m_{021}^{(21)} + m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(11)}m_{120}^{(22)}$$
$$+2m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(11)}m_{111}^{(21)} - m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(11)}m_{021}^{(20)} - 3m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(21)}m_{120}^{(21)}$$
$$-2m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(21)}m_{111}^{(11)} + m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(21)}m_{030}^{(20)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(22)}m_{120}^{(11)}$$
$$+m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(00)}m_{012}^{(21)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(10)}m_{111}^{(22)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(10)}m_{102}^{(21)}$$
$$-2m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(11)}m_{102}^{(20)} - m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(20)}m_{102}^{(11)} - m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(20)}m_{012}^{(10)}$$
$$+2m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(21)}m_{111}^{(20)} + m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(21)}m_{102}^{(10)} - m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(00)}m_{021}^{(21)}$$
$$-m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(00)}m_{012}^{(11)} - m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(10)}m_{111}^{(21)} - m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(10)}m_{021}^{(20)}$$
$$+2m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(10)}m_{012}^{(10)} + m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(11)}m_{111}^{(20)} - m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(11)}m_{012}^{(00)}$$
$$+m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(20)}m_{021}^{(10)} + m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(21)}m_{021}^{(00)} + m_{000}^{(20)}m_{001}^{(10)}m_{102}^{(00)}m_{021}^{(11)}$$
$$+m_{000}^{(20)}m_{001}^{(10)}m_{102}^{(10)}m_{030}^{(20)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{102}^{(10)}m_{021}^{(10)} + m_{000}^{(20)}m_{001}^{(10)}m_{102}^{(11)}m_{021}^{(00)}$$
$$-m_{000}^{(20)}m_{001}^{(10)}m_{102}^{(21)}m_{030}^{(00)} - m_{000}^{(20)}m_{001}^{(11)}m_{300}^{(10)}m_{021}^{(22)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{300}^{(10)}m_{012}^{(21)}$$
$$+m_{000}^{(20)}m_{001}^{(11)}m_{300}^{(11)}m_{111}^{(22)} - m_{000}^{(20)}m_{001}^{(11)}m_{300}^{(11)}m_{012}^{(20)} - m_{000}^{(20)}m_{001}^{(11)}m_{300}^{(20)}m_{012}^{(11)}$$
$$-2m_{000}^{(20)}m_{001}^{(11)}m_{300}^{(21)}m_{111}^{(21)} + m_{000}^{(20)}m_{001}^{(11)}m_{300}^{(21)}m_{021}^{(20)} + m_{000}^{(20)}m_{001}^{(11)}m_{300}^{(22)}m_{111}^{(11)}$$
$$-m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(00)}m_{012}^{(21)} + m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(10)}m_{111}^{(22)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(10)}m_{102}^{(21)}$$
$$-m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(11)}m_{201}^{(22)} + m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(11)}m_{102}^{(20)} + m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(20)}m_{111}^{(21)}$$

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\begin{aligned}
&+m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(20)}m_{102}^{(11)} + m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(20)}m_{012}^{(10)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(21)}m_{201}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(21)}m_{111}^{(20)} - m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(22)}m_{201}^{(11)} - m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(22)}m_{111}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(00)}m_{012}^{(11)} + m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(10)}m_{120}^{(22)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(10)}m_{111}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(10)}m_{021}^{(20)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(10)}m_{012}^{(10)} + m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(11)}m_{012}^{(00)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(21)}m_{120}^{(20)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(21)}m_{111}^{(10)} - m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(21)}m_{021}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{120}^{(00)}m_{102}^{(21)} - m_{000}^{(20)}m_{001}^{(11)}m_{120}^{(20)}m_{102}^{(10)} + m_{000}^{(20)}m_{001}^{(11)}m_{111}^{(00)}m_{111}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{111}^{(00)}m_{102}^{(11)} - m_{000}^{(20)}m_{001}^{(11)}m_{111}^{(10)}m_{111}^{(20)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{111}^{(10)}m_{102}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{111}^{(11)}m_{102}^{(00)} + m_{000}^{(20)}m_{001}^{(20)}m_{300}^{(11)}m_{021}^{(21)} - m_{000}^{(20)}m_{001}^{(20)}m_{300}^{(21)}m_{030}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{300}^{(21)}m_{021}^{(11)} + m_{000}^{(20)}m_{001}^{(20)}m_{300}^{(22)}m_{030}^{(11)} - m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(10)}m_{030}^{(22)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(10)}m_{012}^{(11)} + m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(11)}m_{120}^{(22)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(11)}m_{111}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(11)}m_{021}^{(20)} - m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(11)}m_{012}^{(10)} + m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(20)}m_{030}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(20)}m_{021}^{(11)} + m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(21)}m_{120}^{(21)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(21)}m_{111}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(21)}m_{030}^{(20)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(21)}m_{021}^{(10)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(22)}m_{120}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(22)}m_{030}^{(10)} + m_{000}^{(20)}m_{001}^{(20)}m_{201}^{(10)}m_{030}^{(21)} - m_{000}^{(20)}m_{001}^{(20)}m_{201}^{(10)}m_{021}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{201}^{(11)}m_{120}^{(21)} + m_{000}^{(20)}m_{001}^{(20)}m_{201}^{(11)}m_{021}^{(10)} + m_{000}^{(20)}m_{001}^{(20)}m_{201}^{(21)}m_{120}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{201}^{(21)}m_{030}^{(10)} - m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(00)}m_{021}^{(21)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(10)}m_{120}^{(22)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(10)}m_{111}^{(21)} - m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(10)}m_{102}^{(11)} + m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(10)}m_{021}^{(20)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(10)}m_{012}^{(10)} + m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(11)}m_{111}^{(20)} + m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(11)}m_{102}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(11)}m_{012}^{(00)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(20)}m_{120}^{(21)} + m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(20)}m_{111}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(20)}m_{021}^{(10)} - 3m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(21)}m_{111}^{(10)} - m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(21)}m_{021}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{111}^{(00)}m_{030}^{(21)} + m_{000}^{(20)}m_{001}^{(20)}m_{111}^{(00)}m_{021}^{(11)} - m_{000}^{(20)}m_{001}^{(20)}m_{111}^{(10)}m_{030}^{(20)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{111}^{(11)}m_{021}^{(00)} - m_{000}^{(20)}m_{001}^{(20)}m_{111}^{(20)}m_{030}^{(10)} + m_{000}^{(20)}m_{001}^{(20)}m_{111}^{(21)}m_{030}^{(00)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{102}^{(00)}m_{030}^{(11)} + m_{000}^{(20)}m_{001}^{(20)}m_{102}^{(10)}m_{030}^{(10)} + m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(10)}m_{030}^{(22)}\\
&-2m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(10)}m_{021}^{(21)} - m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(10)}m_{012}^{(11)} - m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(11)}m_{120}^{(22)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(11)}m_{021}^{(20)} + m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(11)}m_{012}^{(10)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(20)}m_{021}^{(11)}\\
&+2m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(21)}m_{120}^{(21)} - m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(21)}m_{030}^{(20)} - m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(21)}m_{021}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(22)}m_{120}^{(11)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(00)}m_{021}^{(21)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(10)}m_{120}^{(22)}\\
&+3m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(10)}m_{111}^{(21)} + m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(10)}m_{102}^{(11)} - m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(10)}m_{021}^{(20)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(10)}m_{012}^{(10)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(11)}m_{210}^{(22)} - m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(11)}m_{111}^{(20)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(11)}m_{102}^{(10)} - m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(11)}m_{012}^{(00)} - m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(20)}m_{120}^{(21)}\\
&-3m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(20)}m_{111}^{(11)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(20)}m_{021}^{(10)} - 2m_{000}^{(20)}m_{001}^{(21)}(m_{210}^{(21)})^2\\
&+2m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(21)}m_{120}^{(20)} + m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(21)}m_{111}^{(10)} + m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(21)}m_{021}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(22)}m_{120}^{(10)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(00)}m_{021}^{(11)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(10)}m_{111}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(10)}m_{030}^{(20)} + 3m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(10)}m_{021}^{(10)} + m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(11)}m_{120}^{(20)}\\
&-2m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(11)}m_{111}^{(10)} - m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(11)}m_{021}^{(00)} - m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(21)}m_{120}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(21)}m_{030}^{(00)} - 3m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(00)}m_{111}^{(21)} + m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(10)}m_{111}^{(20)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(10)}m_{102}^{(10)} + m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(11)}m_{102}^{(00)} + 3m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(20)}m_{111}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(21)}m_{111}^{(00)} + 3m_{000}^{(20)}m_{001}^{(21)}m_{111}^{(00)}m_{111}^{(11)} - 3m_{000}^{(20)}m_{001}^{(21)}(m_{111}^{(10)})^2
\end{aligned}
$$

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\begin{aligned}
&+m_{000}^{(20)}m_{001}^{(22)}m_{300}^{(10)}m_{021}^{(11)} - m_{000}^{(20)}m_{001}^{(22)}m_{300}^{(11)}m_{021}^{(10)} - m_{000}^{(20)}m_{001}^{(22)}m_{300}^{(20)}m_{030}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(22)}m_{300}^{(21)}m_{030}^{(10)} - m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(00)}m_{030}^{(21)} + m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(10)}m_{120}^{(21)}\\
&-2m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(10)}m_{111}^{(11)} + m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(10)}m_{030}^{(20)} - m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(10)}m_{021}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(11)}m_{120}^{(20)} + 2m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(11)}m_{111}^{(10)} + m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(11)}m_{021}^{(00)}\\
&+2m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(20)}m_{120}^{(11)} + m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(20)}m_{030}^{(10)} - 2m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(21)}m_{120}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(21)}m_{030}^{(00)} + m_{000}^{(20)}m_{001}^{(22)}m_{201}^{(00)}m_{030}^{(11)} - m_{000}^{(20)}m_{001}^{(22)}m_{201}^{(10)}m_{120}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(22)}m_{201}^{(10)}m_{030}^{(10)} + m_{000}^{(20)}m_{001}^{(22)}m_{201}^{(11)}m_{120}^{(10)} + 2m_{000}^{(20)}m_{001}^{(22)}m_{120}^{(00)}m_{120}^{(21)}\\
&-2m_{000}^{(20)}m_{001}^{(22)}m_{120}^{(10)}m_{120}^{(20)} + 2m_{000}^{(20)}m_{001}^{(22)}m_{120}^{(10)}m_{111}^{(10)} - 2m_{000}^{(20)}m_{001}^{(22)}m_{120}^{(11)}m_{111}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{210}^{(11)}m_{012}^{(22)} + m_{000}^{(21)}m_{100}^{(00)}m_{210}^{(11)}m_{003}^{(21)} - m_{000}^{(21)}m_{100}^{(00)}m_{210}^{(21)}m_{021}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{210}^{(21)}m_{012}^{(21)} - m_{000}^{(21)}m_{100}^{(00)}m_{210}^{(21)}m_{003}^{(11)} + m_{000}^{(21)}m_{100}^{(00)}m_{210}^{(22)}m_{021}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{210}^{(22)}m_{012}^{(11)} - m_{000}^{(21)}m_{100}^{(00)}m_{201}^{(11)}m_{021}^{(22)} - m_{000}^{(21)}m_{100}^{(00)}m_{201}^{(11)}m_{012}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{201}^{(21)}m_{030}^{(22)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{201}^{(21)}m_{021}^{(21)} + m_{000}^{(21)}m_{100}^{(00)}m_{201}^{(21)}m_{012}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{201}^{(22)}m_{030}^{(21)} - m_{000}^{(21)}m_{100}^{(00)}m_{201}^{(22)}m_{021}^{(11)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(10)}m_{012}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(11)}m_{003}^{(20)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(20)}m_{012}^{(21)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(21)}m_{111}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(21)}m_{012}^{(20)} + m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(21)}m_{003}^{(10)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(22)}m_{111}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(22)}m_{012}^{(10)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(10)}m_{021}^{(22)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(10)}m_{012}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(11)}m_{102}^{(21)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(20)}m_{021}^{(21)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(20)}m_{012}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(21)}m_{102}^{(11)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(10)}m_{021}^{(21)} + m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(11)}m_{021}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(20)}m_{021}^{(11)} - m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(21)}m_{030}^{(20)} - m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(21)}m_{021}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(22)}m_{030}^{(10)} - m_{000}^{(21)}m_{100}^{(10)}m_{300}^{(11)}m_{012}^{(22)} - m_{000}^{(21)}m_{100}^{(10)}m_{300}^{(11)}m_{003}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{300}^{(21)}m_{021}^{(22)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{300}^{(21)}m_{012}^{(21)} + m_{000}^{(21)}m_{100}^{(10)}m_{300}^{(21)}m_{003}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{300}^{(22)}m_{021}^{(21)} - m_{000}^{(21)}m_{100}^{(10)}m_{300}^{(22)}m_{012}^{(11)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(10)}m_{012}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(10)}m_{003}^{(21)} - m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(11)}m_{102}^{(22)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(11)}m_{003}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(20)}m_{021}^{(22)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(20)}m_{012}^{(21)} + m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(20)}m_{003}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(21)}m_{111}^{(22)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(21)}m_{102}^{(21)} - m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(21)}m_{012}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(21)}m_{003}^{(10)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(22)}m_{111}^{(21)} - m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(22)}m_{102}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(22)}m_{021}^{(20)} + m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(22)}m_{012}^{(10)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(11)}m_{111}^{(22)}\\
&+3m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(11)}m_{102}^{(21)} - m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(20)}m_{030}^{(22)} + m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(20)}m_{012}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(21)}m_{120}^{(22)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(21)}m_{111}^{(21)} - 3m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(21)}m_{102}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(21)}m_{021}^{(20)} - m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(21)}m_{012}^{(10)} + m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(22)}m_{120}^{(21)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(22)}m_{111}^{(11)} + m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(22)}m_{030}^{(20)} + m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(22)}m_{021}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(00)}m_{012}^{(22)} + m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(00)}m_{003}^{(21)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(20)}m_{111}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(20)}m_{012}^{(20)} - m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(20)}m_{003}^{(10)} - m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(21)}m_{102}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(22)}m_{111}^{(20)} + m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(22)}m_{102}^{(10)} - m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(00)}m_{021}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(00)}m_{012}^{(21)} - m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(00)}m_{003}^{(11)} - 5m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(10)}m_{111}^{(22)}\\
&+3m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(10)}m_{102}^{(21)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(10)}m_{003}^{(10)} - 3m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(11)}m_{102}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(11)}m_{003}^{(00)} + 5m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(20)}m_{111}^{(21)} - m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(20)}m_{102}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(20)}m_{012}^{(10)} + m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(21)}m_{102}^{(10)} + m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(22)}m_{021}^{(00)}
\end{aligned}
$$

$$+m_{000}^{(21)}m_{100}^{(10)}m_{102}^{(00)}m_{021}^{(21)}+m_{000}^{(21)}m_{100}^{(10)}m_{102}^{(00)}m_{012}^{(11)}-2m_{000}^{(21)}m_{100}^{(10)}m_{102}^{(10)}m_{012}^{(10)}$$
$$+m_{000}^{(21)}m_{100}^{(10)}m_{102}^{(11)}m_{012}^{(00)}+m_{000}^{(21)}m_{100}^{(10)}m_{102}^{(20)}m_{030}^{(20)}-m_{000}^{(21)}m_{100}^{(10)}m_{102}^{(20)}m_{021}^{(10)}$$
$$-m_{000}^{(21)}m_{100}^{(10)}m_{102}^{(22)}m_{030}^{(00)}+2m_{000}^{(21)}m_{100}^{(11)}m_{300}^{(10)}m_{003}^{(21)}+m_{000}^{(21)}m_{100}^{(11)}m_{300}^{(11)}m_{102}^{(22)}$$
$$-m_{000}^{(21)}m_{100}^{(11)}m_{300}^{(11)}m_{003}^{(20)}-m_{000}^{(21)}m_{100}^{(11)}m_{300}^{(20)}m_{021}^{(22)}-m_{000}^{(21)}m_{100}^{(11)}m_{300}^{(20)}m_{003}^{(11)}$$
$$-2m_{000}^{(21)}m_{100}^{(11)}m_{300}^{(21)}m_{102}^{(21)}+m_{000}^{(21)}m_{100}^{(11)}m_{300}^{(22)}m_{102}^{(11)}+m_{000}^{(21)}m_{100}^{(11)}m_{300}^{(22)}m_{021}^{(20)}$$
$$-m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(00)}m_{012}^{(22)}-m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(00)}m_{003}^{(21)}-m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(10)}m_{102}^{(22)}$$
$$+2m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(20)}m_{111}^{(22)}+m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(20)}m_{102}^{(21)}+m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(20)}m_{012}^{(20)}$$
$$+m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(20)}m_{003}^{(10)}+m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(21)}m_{102}^{(20)}-2m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(22)}m_{111}^{(20)}$$
$$-m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(22)}m_{102}^{(10)}+m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(00)}m_{012}^{(21)}+m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(00)}m_{003}^{(11)}$$
$$+m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(10)}m_{111}^{(22)}-4m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(10)}m_{102}^{(21)}-2m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(10)}m_{003}^{(10)}$$
$$-2m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(11)}m_{201}^{(22)}+m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(11)}m_{102}^{(20)}+m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(11)}m_{003}^{(00)}$$
$$+m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(20)}m_{120}^{(22)}-m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(20)}m_{111}^{(21)}+m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(20)}m_{102}^{(11)}$$
$$+m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(20)}m_{021}^{(20)}-m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(20)}m_{012}^{(10)}+2m_{000}^{(21)}m_{100}^{(11)}(m_{201}^{(21)})^2$$
$$-m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(21)}m_{111}^{(20)}+2m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(21)}m_{102}^{(10)}-m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(22)}m_{120}^{(20)}$$
$$+m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(22)}m_{111}^{(10)}-m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(22)}m_{021}^{(00)}+m_{000}^{(21)}m_{100}^{(11)}m_{120}^{(00)}m_{102}^{(22)}$$
$$-m_{000}^{(21)}m_{100}^{(11)}m_{120}^{(20)}m_{102}^{(20)}+m_{000}^{(21)}m_{100}^{(11)}m_{111}^{(00)}m_{102}^{(22)}+m_{000}^{(21)}m_{100}^{(11)}m_{111}^{(00)}m_{102}^{(21)}$$
$$+m_{000}^{(21)}m_{100}^{(11)}m_{111}^{(10)}m_{102}^{(20)}-m_{000}^{(21)}m_{100}^{(11)}(m_{111}^{(20)})^2-m_{000}^{(21)}m_{100}^{(11)}m_{111}^{(20)}m_{102}^{(10)}$$
$$-m_{000}^{(21)}m_{100}^{(11)}m_{111}^{(21)}m_{102}^{(00)}-2m_{000}^{(21)}m_{100}^{(11)}m_{102}^{(00)}m_{102}^{(11)}+2m_{000}^{(21)}m_{100}^{(11)}(m_{102}^{(10)})^2$$
$$+m_{000}^{(21)}m_{100}^{(20)}m_{300}^{(11)}m_{021}^{(22)}+m_{000}^{(21)}m_{100}^{(20)}m_{300}^{(11)}m_{012}^{(21)}-m_{000}^{(21)}m_{100}^{(20)}m_{300}^{(21)}m_{030}^{(22)}$$
$$-2m_{000}^{(21)}m_{100}^{(20)}m_{300}^{(21)}m_{021}^{(21)}-m_{000}^{(21)}m_{100}^{(20)}m_{300}^{(21)}m_{012}^{(11)}+m_{000}^{(21)}m_{100}^{(20)}m_{300}^{(22)}m_{030}^{(21)}$$
$$+m_{000}^{(21)}m_{100}^{(20)}m_{300}^{(22)}m_{021}^{(11)}-m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(10)}m_{021}^{(22)}+m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(10)}m_{003}^{(11)}$$
$$-2m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(11)}m_{111}^{(22)}-m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(11)}m_{102}^{(21)}-m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(11)}m_{012}^{(20)}$$
$$-m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(11)}m_{003}^{(10)}+3m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(21)}m_{120}^{(22)}+4m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(21)}m_{111}^{(21)}$$
$$+m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(21)}m_{102}^{(11)}+m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(21)}m_{021}^{(20)}+m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(21)}m_{012}^{(10)}$$
$$-3m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(22)}m_{120}^{(21)}-2m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(22)}m_{111}^{(11)}-m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(10)}m_{030}^{(22)}$$
$$+2m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(10)}m_{021}^{(21)}-m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(10)}m_{012}^{(11)}+m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(11)}m_{120}^{(22)}$$
$$-2m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(11)}m_{111}^{(21)}-m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(11)}m_{021}^{(20)}+m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(11)}m_{012}^{(10)}$$
$$+2m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(20)}m_{030}^{(21)}-2m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(20)}m_{021}^{(11)}-2m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(21)}m_{120}^{(21)}$$
$$+2m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(21)}m_{111}^{(11)}+m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(21)}m_{030}^{(20)}+m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(21)}m_{021}^{(10)}$$
$$+m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(22)}m_{120}^{(11)}-2m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(22)}m_{030}^{(10)}-m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(00)}m_{021}^{(22)}$$
$$-m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(00)}m_{012}^{(21)}+3m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(10)}m_{111}^{(22)}+m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(10)}m_{102}^{(21)}$$
$$+m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(10)}m_{012}^{(20)}-m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(10)}m_{003}^{(10)}+m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(11)}m_{003}^{(00)}$$
$$-m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(20)}m_{111}^{(21)}-m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(20)}m_{102}^{(11)}+2m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(20)}m_{021}^{(20)}$$
$$-3m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(21)}m_{111}^{(20)}+m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(22)}m_{111}^{(10)}-m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(22)}m_{021}^{(00)}$$
$$+m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(00)}m_{030}^{(22)}+2m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(00)}m_{021}^{(21)}+m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(00)}m_{012}^{(11)}$$
$$-5m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(10)}m_{111}^{(21)}-2m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(10)}m_{102}^{(11)}-2m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(10)}m_{021}^{(20)}$$
$$+5m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(11)}m_{111}^{(20)}+2m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(11)}m_{102}^{(10)}-m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(11)}m_{012}^{(00)}$$
$$-2m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(20)}m_{030}^{(20)}+m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(22)}m_{030}^{(00)}-m_{000}^{(21)}m_{100}^{(20)}m_{102}^{(00)}m_{030}^{(21)}$$

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\begin{aligned}
&-m_{000}^{(21)}m_{100}^{(20)}m_{102}^{(00)}m_{021}^{(11)}+m_{000}^{(21)}m_{100}^{(20)}m_{102}^{(10)}m_{030}^{(20)}+m_{000}^{(21)}m_{100}^{(20)}m_{102}^{(10)}m_{021}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(10)}m_{021}^{(22)}-2m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(10)}m_{012}^{(21)}-m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(10)}m_{003}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(11)}m_{012}^{(20)}+m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(11)}m_{003}^{(10)}+m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(20)}m_{030}^{(22)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(20)}m_{021}^{(21)}+m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(20)}m_{012}^{(11)}-m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(22)}m_{030}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(22)}m_{021}^{(10)}+2m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(00)}m_{021}^{(22)}+2m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(00)}m_{012}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(10)}m_{111}^{(22)}+m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(10)}m_{102}^{(21)}-m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(10)}m_{012}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(10)}m_{003}^{(10)}-m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(11)}m_{003}^{(00)}-3m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(20)}m_{120}^{(22)}\\
&-3m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(20)}m_{111}^{(21)}-3m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(20)}m_{021}^{(20)}-m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(20)}m_{012}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(21)}m_{111}^{(20)}-m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(21)}m_{102}^{(10)}+3m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(22)}m_{120}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(22)}m_{111}^{(10)}+m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(22)}m_{021}^{(00)}-2m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(00)}m_{021}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(00)}m_{012}^{(11)}+3m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(10)}m_{111}^{(21)}+3m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(10)}m_{102}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(10)}m_{021}^{(20)}+3m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(10)}m_{012}^{(10)}-m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(11)}m_{111}^{(20)}\\
&-3m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(11)}m_{102}^{(10)}-m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(11)}m_{012}^{(00)}-m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(20)}m_{120}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(20)}m_{111}^{(11)}-m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(20)}m_{030}^{(20)}+m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(20)}m_{021}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(21)}m_{120}^{(20)}-m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(21)}m_{111}^{(10)}+m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(22)}m_{030}^{(00)}\\
&-3m_{000}^{(21)}m_{100}^{(21)}m_{120}^{(00)}m_{111}^{(22)}-m_{000}^{(21)}m_{100}^{(21)}m_{120}^{(00)}m_{102}^{(21)}+4m_{000}^{(21)}m_{100}^{(21)}m_{120}^{(20)}m_{111}^{(20)}\\
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&+4m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(20)}m_{120}^{(21)}-m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(20)}m_{111}^{(11)}+2m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(20)}m_{030}^{(20)}\\
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&+2m_{000}^{(21)}m_{100}^{(22)}m_{120}^{(00)}m_{120}^{(22)}+m_{000}^{(21)}m_{100}^{(22)}m_{120}^{(00)}m_{111}^{(21)}-m_{000}^{(21)}m_{100}^{(22)}m_{120}^{(10)}m_{111}^{(20)}\\
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&-m_{000}^{(21)}m_{010}^{(00)}m_{120}^{(21)}m_{003}^{(00)}+m_{000}^{(21)}m_{010}^{(00)}m_{120}^{(22)}m_{012}^{(00)}-m_{000}^{(21)}m_{010}^{(00)}m_{111}^{(00)}m_{021}^{(22)}\\
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&+m_{000}^{(21)}m_{010}^{(00)}m_{111}^{(11)}m_{003}^{(00)}-m_{000}^{(21)}m_{010}^{(00)}m_{111}^{(20)}m_{111}^{(21)}-m_{000}^{(21)}m_{010}^{(00)}m_{111}^{(20)}m_{102}^{(11)}\\
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&+m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(20)}m_{102}^{(11)}-m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(20)}m_{021}^{(20)}-m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(20)}m_{012}^{(10)}\\
&+3m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(21)}m_{111}^{(20)}+2m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(21)}m_{102}^{(10)}+m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(21)}m_{012}^{(00)}\\
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&-m_{000}^{(21)}m_{010}^{(11)}m_{300}^{(00)}m_{003}^{(21)}-m_{000}^{(21)}m_{010}^{(11)}m_{300}^{(10)}m_{102}^{(22)}+m_{000}^{(21)}m_{010}^{(11)}m_{300}^{(20)}m_{102}^{(21)}\\
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&-m_{000}^{(21)}m_{010}^{(11)}m_{300}^{(22)}m_{102}^{(10)}+m_{000}^{(21)}m_{010}^{(11)}m_{210}^{(00)}m_{003}^{(20)}-m_{000}^{(21)}m_{010}^{(11)}m_{210}^{(20)}m_{102}^{(20)}\\
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&+2m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(00)}m_{102}^{(21)}-m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(00)}m_{012}^{(20)}+2m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(10)}m_{201}^{(22)}\\
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&-2m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(20)}m_{102}^{(10)}+m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(20)}m_{012}^{(00)}-m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(21)}m_{102}^{(00)}\\
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&+m_{000}^{(21)}m_{010}^{(20)}m_{300}^{(21)}m_{021}^{(20)}+m_{000}^{(21)}m_{010}^{(20)}m_{300}^{(21)}m_{012}^{(10)}-m_{000}^{(21)}m_{010}^{(20)}m_{300}^{(22)}m_{021}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(00)}m_{021}^{(22)}-m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(00)}m_{003}^{(11)}-m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(10)}m_{111}^{(22)}\\
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&-2m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(20)}m_{021}^{(20)}-m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(21)}m_{111}^{(20)}-2m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(21)}m_{102}^{(10)}\\
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&+m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(10)}m_{021}^{(20)} - 3m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(10)}m_{012}^{(10)} + m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(11)}m_{012}^{(00)}\\
&-2m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(20)}m_{111}^{(11)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(20)}m_{021}^{(10)} - m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(21)}m_{120}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(21)}m_{021}^{(00)} + m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(22)}m_{120}^{(10)} - m_{000}^{(21)}m_{010}^{(20)}m_{120}^{(00)}m_{111}^{(22)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{120}^{(00)}m_{102}^{(21)} + m_{000}^{(21)}m_{010}^{(20)}m_{120}^{(00)}m_{003}^{(10)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{120}^{(10)}m_{102}^{(20)}\\
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&+2m_{000}^{(21)}m_{010}^{(20)}m_{111}^{(10)}m_{012}^{(00)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{111}^{(11)}m_{102}^{(00)} + m_{000}^{(21)}m_{010}^{(20)}m_{102}^{(00)}m_{021}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{102}^{(10)}m_{021}^{(00)} - m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(00)}m_{021}^{(22)} + m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(00)}m_{003}^{(11)}\\
&+m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(10)}m_{111}^{(22)} + m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(10)}m_{102}^{(21)} + m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(10)}m_{012}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(10)}m_{003}^{(10)} - m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(11)}m_{102}^{(20)} - m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(20)}m_{111}^{(21)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(20)}m_{102}^{(11)} + m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(20)}m_{021}^{(20)} - m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(20)}m_{012}^{(10)}\\
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&+m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(00)}m_{111}^{(22)} - m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(00)}m_{102}^{(21)} - m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(00)}m_{012}^{(20)}\\
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&-2m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(00)}m_{102}^{(11)} + m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(00)}m_{021}^{(20)} + m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(00)}m_{012}^{(10)}\\
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&+m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(21)}m_{111}^{(00)} + m_{000}^{(21)}m_{010}^{(21)}m_{120}^{(00)}m_{102}^{(20)} - m_{000}^{(21)}m_{010}^{(21)}m_{120}^{(20)}m_{102}^{(00)}\\
&+2m_{000}^{(21)}m_{010}^{(21)}m_{111}^{(00)}m_{102}^{(10)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{111}^{(10)}m_{102}^{(00)} + m_{000}^{(21)}m_{010}^{(22)}m_{300}^{(00)}m_{021}^{(21)}\\
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&+m_{000}^{(21)}m_{010}^{(22)}m_{300}^{(10)}m_{012}^{(10)} + m_{000}^{(21)}m_{010}^{(22)}m_{300}^{(11)}m_{111}^{(20)} + m_{000}^{(21)}m_{010}^{(22)}m_{300}^{(20)}m_{111}^{(11)}\\
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&+m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(21)}m_{111}^{(00)} - m_{000}^{(21)}m_{010}^{(22)}m_{201}^{(00)}m_{120}^{(21)} + m_{000}^{(21)}m_{010}^{(22)}m_{201}^{(00)}m_{111}^{(11)}\\
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&-m_{000}^{(21)}m_{001}^{(00)}m_{120}^{(21)}m_{111}^{(20)} - m_{000}^{(21)}m_{001}^{(00)}m_{120}^{(21)}m_{102}^{(10)} - m_{000}^{(21)}m_{001}^{(00)}m_{120}^{(21)}m_{012}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{120}^{(22)}m_{111}^{(10)} + m_{000}^{(21)}m_{001}^{(00)}m_{120}^{(22)}m_{021}^{(00)} - m_{000}^{(21)}m_{001}^{(00)}m_{111}^{(00)}m_{030}^{(22)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{111}^{(00)}m_{012}^{(11)} + m_{000}^{(21)}m_{001}^{(00)}m_{111}^{(10)}m_{111}^{(21)} - 2m_{000}^{(21)}m_{001}^{(00)}m_{111}^{(10)}m_{021}^{(20)}\\
&-2m_{000}^{(21)}m_{001}^{(00)}m_{111}^{(10)}m_{012}^{(10)} - m_{000}^{(21)}m_{001}^{(00)}m_{111}^{(11)}m_{111}^{(20)} + m_{000}^{(21)}m_{001}^{(00)}m_{111}^{(11)}m_{012}^{(00)}\\
&+2m_{000}^{(21)}m_{001}^{(00)}m_{111}^{(20)}m_{030}^{(20)} + 2m_{000}^{(21)}m_{001}^{(00)}m_{111}^{(20)}m_{021}^{(10)} - m_{000}^{(21)}m_{001}^{(00)}m_{111}^{(22)}m_{030}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{102}^{(00)}m_{030}^{(21)} - m_{000}^{(21)}m_{001}^{(00)}m_{102}^{(00)}m_{021}^{(11)} + 2m_{000}^{(21)}m_{001}^{(00)}m_{102}^{(10)}m_{021}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(00)}m_{102}^{(11)}m_{021}^{(00)} - 2m_{000}^{(21)}m_{001}^{(00)}m_{102}^{(20)}m_{030}^{(10)} + m_{000}^{(21)}m_{001}^{(00)}m_{102}^{(21)}m_{030}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{300}^{(11)}m_{012}^{(20)} - m_{000}^{(21)}m_{001}^{(10)}m_{300}^{(21)}m_{021}^{(20)} - m_{000}^{(21)}m_{001}^{(10)}m_{300}^{(21)}m_{012}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{300}^{(22)}m_{021}^{(10)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(00)}m_{021}^{(22)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(00)}m_{012}^{(21)}\\
&+2m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(10)}m_{111}^{(22)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(10)}m_{012}^{(20)} - m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(11)}m_{102}^{(20)}\\
&-2m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(20)}m_{111}^{(21)} + 3m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(20)}m_{021}^{(20)} - m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(20)}m_{012}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(21)}m_{102}^{(10)} + m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(21)}m_{012}^{(00)} - m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(22)}m_{021}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(00)}m_{030}^{(22)} - m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(00)}m_{012}^{(11)} - m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(10)}m_{120}^{(22)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(10)}m_{111}^{(21)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(10)}m_{012}^{(10)} - m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(11)}m_{111}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(11)}m_{012}^{(00)} + m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(20)}m_{120}^{(21)} + m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(20)}m_{111}^{(11)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(20)}m_{030}^{(20)} - m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(20)}m_{021}^{(10)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(21)}m_{120}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(21)}m_{111}^{(10)} + m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(21)}m_{021}^{(00)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(22)}m_{120}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(10)}m_{120}^{(00)}m_{111}^{(22)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{120}^{(00)}m_{102}^{(21)} - m_{000}^{(21)}m_{001}^{(10)}m_{120}^{(00)}m_{012}^{(20)}\\
&+2m_{000}^{(21)}m_{001}^{(10)}m_{120}^{(10)}m_{102}^{(20)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{120}^{(20)}m_{111}^{(20)} + m_{000}^{(21)}m_{001}^{(10)}m_{120}^{(20)}m_{102}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{120}^{(20)}m_{012}^{(00)} - m_{000}^{(21)}m_{001}^{(10)}m_{120}^{(21)}m_{102}^{(00)} - m_{000}^{(21)}m_{001}^{(10)}m_{111}^{(00)}m_{111}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{111}^{(00)}m_{102}^{(11)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{111}^{(00)}m_{021}^{(20)} + m_{000}^{(21)}m_{001}^{(10)}m_{111}^{(10)}m_{111}^{(20)}\\
&-2m_{000}^{(21)}m_{001}^{(10)}m_{111}^{(10)}m_{102}^{(10)} + m_{000}^{(21)}m_{001}^{(10)}m_{111}^{(11)}m_{102}^{(00)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{111}^{(20)}m_{021}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{102}^{(00)}m_{030}^{(20)} + m_{000}^{(21)}m_{001}^{(10)}m_{102}^{(20)}m_{030}^{(00)} + m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(00)}m_{021}^{(22)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(00)}m_{012}^{(21)} - m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(10)}m_{111}^{(22)} + m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(20)}m_{111}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(20)}m_{021}^{(20)} + m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(20)}m_{012}^{(10)} + m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(21)}m_{111}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(22)}m_{111}^{(10)} - m_{000}^{(21)}m_{001}^{(11)}m_{210}^{(00)}m_{111}^{(22)} + m_{000}^{(21)}m_{001}^{(11)}m_{210}^{(00)}m_{102}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{210}^{(00)}m_{012}^{(20)} + m_{000}^{(21)}m_{001}^{(11)}m_{210}^{(10)}m_{201}^{(22)} - m_{000}^{(21)}m_{001}^{(11)}m_{210}^{(20)}m_{201}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{210}^{(20)}m_{102}^{(10)} - m_{000}^{(21)}m_{001}^{(11)}m_{210}^{(20)}m_{012}^{(00)} - m_{000}^{(21)}m_{001}^{(11)}m_{210}^{(21)}m_{201}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{210}^{(22)}m_{201}^{(10)} + m_{000}^{(21)}m_{001}^{(11)}m_{210}^{(22)}m_{111}^{(00)} - m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(00)}m_{120}^{(22)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(00)}m_{111}^{(21)} - m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(00)}m_{021}^{(20)} + m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(10)}m_{201}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(20)}m_{120}^{(20)} - m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(20)}m_{111}^{(10)} + m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(20)}m_{021}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(21)}m_{111}^{(00)} - m_{000}^{(21)}m_{001}^{(11)}m_{120}^{(00)}m_{102}^{(20)} + m_{000}^{(21)}m_{001}^{(11)}m_{120}^{(00)}m_{102}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(11)}m_{021}^{(20)} + m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(21)}m_{030}^{(20)} + m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(21)}m_{021}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(22)}m_{030}^{(10)} + m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(00)}m_{030}^{(22)} - m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(00)}m_{012}^{(11)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(10)}m_{120}^{(22)} - m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(10)}m_{111}^{(21)} + m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(10)}m_{021}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(10)}m_{012}^{(10)} + 3m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(11)}m_{111}^{(20)} + m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(20)}m_{120}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(20)}m_{111}^{(11)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(20)}m_{030}^{(20)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(21)}m_{120}^{(20)}\\
&-3m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(21)}m_{111}^{(10)} - m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(21)}m_{021}^{(00)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(22)}m_{120}^{(10)}
\end{aligned}
$$

$$+m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(22)}m_{030}^{(00)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(00)}m_{030}^{(21)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(00)}m_{021}^{(11)}$$
$$+2m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(10)}m_{120}^{(21)} + m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(10)}m_{030}^{(20)} - 3m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(10)}m_{021}^{(10)}$$
$$-m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(11)}m_{120}^{(20)} + m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(11)}m_{021}^{(00)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(20)}m_{120}^{(11)}$$
$$+2m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(20)}m_{030}^{(10)} + m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(21)}m_{120}^{(10)} - m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(21)}m_{030}^{(00)}$$
$$-2m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(00)}m_{120}^{(22)} + m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(00)}m_{111}^{(21)} + m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(00)}m_{102}^{(11)}$$
$$+m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(00)}m_{012}^{(10)} - 3m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(10)}m_{111}^{(20)} - m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(10)}m_{102}^{(10)}$$
$$-m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(10)}m_{012}^{(00)} + 2m_{000}^{(21)}m_{001}^{(20)}(m_{120}^{(20)})^2 - m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(20)}m_{111}^{(10)}$$
$$+3m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(21)}m_{111}^{(00)} - 3m_{000}^{(21)}m_{001}^{(20)}m_{111}^{(00)}m_{111}^{(11)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{111}^{(00)}m_{021}^{(10)}$$
$$+3m_{000}^{(21)}m_{001}^{(20)}(m_{111}^{(10)})^2 + 2m_{000}^{(21)}m_{001}^{(20)}m_{111}^{(10)}m_{021}^{(00)} + m_{000}^{(21)}m_{001}^{(20)}m_{102}^{(00)}m_{030}^{(10)}$$
$$-m_{000}^{(21)}m_{001}^{(20)}m_{102}^{(10)}m_{030}^{(00)} - m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(00)}m_{030}^{(22)} + m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(00)}m_{012}^{(11)}$$
$$+m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(10)}m_{120}^{(22)} + m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(10)}m_{111}^{(21)} + m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(10)}m_{021}^{(20)}$$
$$-m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(10)}m_{012}^{(10)} - m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(11)}m_{111}^{(20)} - m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(20)}m_{120}^{(21)}$$
$$-m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(20)}m_{111}^{(11)} + m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(20)}m_{030}^{(20)} - m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(20)}m_{021}^{(10)}$$
$$-m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(21)}m_{120}^{(20)} + m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(21)}m_{111}^{(10)} + m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(22)}m_{120}^{(10)}$$
$$+2m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(00)}m_{120}^{(22)} - m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(00)}m_{111}^{(21)} - m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(00)}m_{102}^{(11)}$$
$$-m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(00)}m_{021}^{(20)} - m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(00)}m_{012}^{(10)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(10)}m_{210}^{(22)}$$
$$-m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(10)}m_{201}^{(21)} - m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(10)}m_{111}^{(20)} + m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(10)}m_{102}^{(10)}$$
$$+m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(10)}m_{012}^{(00)} + m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(11)}m_{201}^{(20)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(20)}m_{210}^{(21)}$$
$$+m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(20)}m_{201}^{(11)} - m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(20)}m_{120}^{(20)} + 3m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(20)}m_{111}^{(10)}$$
$$+m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(20)}m_{021}^{(00)} - m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(21)}m_{201}^{(10)} - m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(21)}m_{111}^{(00)}$$
$$-m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(22)}m_{120}^{(00)} + m_{000}^{(21)}m_{001}^{(21)}m_{201}^{(00)}m_{120}^{(21)} - m_{000}^{(21)}m_{001}^{(21)}m_{201}^{(00)}m_{111}^{(11)}$$
$$+m_{000}^{(21)}m_{001}^{(21)}m_{201}^{(00)}m_{030}^{(20)} + m_{000}^{(21)}m_{001}^{(21)}m_{201}^{(00)}m_{021}^{(10)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{201}^{(10)}m_{120}^{(20)}$$
$$-m_{000}^{(21)}m_{001}^{(21)}m_{201}^{(10)}m_{021}^{(00)} + m_{000}^{(21)}m_{001}^{(21)}m_{201}^{(11)}m_{111}^{(00)} - m_{000}^{(21)}m_{001}^{(21)}m_{201}^{(20)}m_{030}^{(00)}$$
$$+m_{000}^{(21)}m_{001}^{(21)}m_{201}^{(21)}m_{120}^{(00)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{120}^{(00)}m_{111}^{(20)} + m_{000}^{(21)}m_{001}^{(21)}m_{120}^{(00)}m_{102}^{(10)}$$
$$-m_{000}^{(21)}m_{001}^{(21)}m_{120}^{(10)}m_{102}^{(00)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{120}^{(20)}m_{111}^{(00)} + m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(00)}m_{030}^{(21)}$$
$$-m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(00)}m_{021}^{(11)} - m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(10)}m_{120}^{(21)} - m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(10)}m_{030}^{(20)}$$
$$+m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(10)}m_{021}^{(10)} + m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(11)}m_{120}^{(20)} + m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(20)}m_{120}^{(11)}$$
$$-m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(21)}m_{120}^{(10)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(00)}m_{120}^{(21)} + 2m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(00)}m_{111}^{(11)}$$
$$+m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(00)}m_{021}^{(10)} + 2m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(10)}m_{210}^{(21)} + 2m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(10)}m_{120}^{(20)}$$
$$-2m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(10)}m_{111}^{(10)} - m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(10)}m_{021}^{(00)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(11)}m_{210}^{(20)}$$
$$-m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(20)}m_{120}^{(10)} + m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(21)}m_{120}^{(00)} - m_{000}^{(21)}m_{001}^{(22)}m_{201}^{(00)}m_{030}^{(10)}$$
$$+m_{000}^{(21)}m_{001}^{(22)}m_{201}^{(10)}m_{120}^{(10)} + m_{000}^{(21)}m_{001}^{(22)}m_{201}^{(10)}m_{030}^{(00)} - m_{000}^{(21)}m_{001}^{(22)}m_{201}^{(11)}m_{120}^{(00)}$$
$$-2m_{000}^{(21)}m_{001}^{(22)}m_{120}^{(00)}m_{111}^{(10)} + 2m_{000}^{(21)}m_{001}^{(22)}m_{120}^{(10)}m_{111}^{(00)} - m_{000}^{(22)}m_{100}^{(00)}m_{210}^{(11)}m_{012}^{(21)}$$
$$+m_{000}^{(22)}m_{100}^{(00)}m_{210}^{(21)}m_{021}^{(21)} + m_{000}^{(22)}m_{100}^{(00)}m_{210}^{(21)}m_{012}^{(11)} - m_{000}^{(22)}m_{100}^{(00)}m_{210}^{(22)}m_{021}^{(11)}$$
$$+m_{000}^{(22)}m_{100}^{(00)}m_{201}^{(11)}m_{021}^{(21)} - m_{000}^{(22)}m_{100}^{(00)}m_{201}^{(21)}m_{030}^{(21)} - m_{000}^{(22)}m_{100}^{(00)}m_{201}^{(21)}m_{021}^{(11)}$$
$$+m_{000}^{(22)}m_{100}^{(00)}m_{201}^{(22)}m_{030}^{(11)} + m_{000}^{(22)}m_{100}^{(00)}m_{120}^{(10)}m_{021}^{(22)} - m_{000}^{(22)}m_{100}^{(00)}m_{120}^{(11)}m_{111}^{(22)}$$
$$+m_{000}^{(22)}m_{100}^{(00)}m_{120}^{(11)}m_{102}^{(21)} + m_{000}^{(22)}m_{100}^{(00)}m_{120}^{(11)}m_{012}^{(20)} - m_{000}^{(22)}m_{100}^{(00)}m_{120}^{(20)}m_{021}^{(11)}$$
$$-m_{000}^{(22)}m_{100}^{(00)}m_{120}^{(21)}m_{102}^{(11)} - m_{000}^{(22)}m_{100}^{(00)}m_{120}^{(21)}m_{021}^{(20)} - m_{000}^{(22)}m_{100}^{(00)}m_{120}^{(21)}m_{012}^{(10)}$$

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\begin{aligned}
&+m_{000}^{(22)}m_{100}^{(00)}m_{120}^{(22)}m_{111}^{(11)}+m_{000}^{(22)}m_{100}^{(00)}m_{120}^{(22)}m_{021}^{(10)}-m_{000}^{(22)}m_{100}^{(00)}m_{111}^{(10)}m_{030}^{(22)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{111}^{(10)}m_{021}^{(21)}-m_{000}^{(22)}m_{100}^{(00)}m_{111}^{(11)}m_{020}^{(20)}+m_{000}^{(22)}m_{100}^{(00)}m_{111}^{(20)}m_{030}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{111}^{(20)}m_{021}^{(11)}+m_{000}^{(22)}m_{100}^{(00)}m_{111}^{(21)}m_{020}^{(20)}+m_{000}^{(22)}m_{100}^{(00)}m_{111}^{(21)}m_{021}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{111}^{(22)}m_{030}^{(10)}+m_{000}^{(22)}m_{100}^{(00)}m_{102}^{(10)}m_{030}^{(21)}-m_{000}^{(22)}m_{100}^{(00)}m_{102}^{(20)}m_{030}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{300}^{(11)}m_{012}^{(21)}-m_{000}^{(22)}m_{100}^{(10)}m_{300}^{(21)}m_{021}^{(21)}-m_{000}^{(22)}m_{100}^{(10)}m_{300}^{(21)}m_{012}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{300}^{(22)}m_{021}^{(11)}-2m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(10)}m_{021}^{(22)}+2m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(10)}m_{012}^{(21)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(11)}m_{111}^{(22)}-m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(11)}m_{102}^{(21)}-2m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(11)}m_{012}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(20)}m_{021}^{(21)}-m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(20)}m_{012}^{(11)}-2m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(21)}m_{111}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(21)}m_{102}^{(11)}+2m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(21)}m_{021}^{(20)}+m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(21)}m_{012}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(22)}m_{021}^{(10)}+m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(10)}m_{030}^{(22)}-m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(10)}m_{021}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(11)}m_{120}^{(22)}-2m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(11)}m_{111}^{(21)}+m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(11)}m_{021}^{(20)}\\
&+3m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(21)}m_{120}^{(21)}+2m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(21)}m_{111}^{(11)}-m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(21)}m_{030}^{(20)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(22)}m_{120}^{(11)}-m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(00)}m_{012}^{(21)}+2m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(10)}m_{111}^{(22)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(10)}m_{102}^{(21)}+2m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(11)}m_{102}^{(20)}+m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(20)}m_{102}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(20)}m_{012}^{(10)}-2m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(21)}m_{111}^{(20)}-m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(21)}m_{102}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(00)}m_{021}^{(21)}+m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(00)}m_{012}^{(11)}+m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(10)}m_{111}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(10)}m_{021}^{(20)}-2m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(10)}m_{012}^{(10)}-m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(11)}m_{111}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(00)}m_{012}^{(11)}-m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(20)}m_{021}^{(10)}-m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(21)}m_{021}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{102}^{(00)}m_{021}^{(11)}-m_{000}^{(22)}m_{100}^{(10)}m_{102}^{(10)}m_{030}^{(20)}+2m_{000}^{(22)}m_{100}^{(10)}m_{102}^{(10)}m_{021}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{102}^{(11)}m_{021}^{(00)}+m_{000}^{(22)}m_{100}^{(10)}m_{102}^{(21)}m_{030}^{(00)}+m_{000}^{(22)}m_{100}^{(11)}m_{300}^{(10)}m_{021}^{(22)}\\
&-2m_{000}^{(22)}m_{100}^{(11)}m_{300}^{(10)}m_{012}^{(21)}-m_{000}^{(22)}m_{100}^{(11)}m_{300}^{(11)}m_{111}^{(22)}+m_{000}^{(22)}m_{100}^{(11)}m_{300}^{(11)}m_{012}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{300}^{(20)}m_{012}^{(11)}+2m_{000}^{(22)}m_{100}^{(11)}m_{300}^{(21)}m_{111}^{(21)}-m_{000}^{(22)}m_{100}^{(11)}m_{300}^{(21)}m_{021}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{300}^{(22)}m_{111}^{(11)}+m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(00)}m_{012}^{(21)}-m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(10)}m_{111}^{(22)}\\
&+2m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(10)}m_{102}^{(21)}+m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(11)}m_{201}^{(22)}-m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(11)}m_{102}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(20)}m_{111}^{(21)}-m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(20)}m_{102}^{(11)}-m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(20)}m_{012}^{(10)}\\
&-2m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(21)}m_{201}^{(21)}+m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(21)}m_{111}^{(20)}+m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(22)}m_{201}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(22)}m_{111}^{(10)}-m_{000}^{(22)}m_{100}^{(11)}m_{201}^{(00)}m_{012}^{(11)}-m_{000}^{(22)}m_{100}^{(11)}m_{201}^{(10)}m_{120}^{(22)}\\
&+2m_{000}^{(22)}m_{100}^{(11)}m_{201}^{(10)}m_{111}^{(21)}-m_{000}^{(22)}m_{100}^{(11)}m_{201}^{(10)}m_{021}^{(20)}+2m_{000}^{(22)}m_{100}^{(11)}m_{201}^{(10)}m_{012}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{201}^{(11)}m_{012}^{(00)}+m_{000}^{(22)}m_{100}^{(11)}m_{201}^{(21)}m_{120}^{(20)}-2m_{000}^{(22)}m_{100}^{(11)}m_{201}^{(21)}m_{111}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{201}^{(21)}m_{021}^{(00)}-m_{000}^{(22)}m_{100}^{(11)}m_{120}^{(00)}m_{021}^{(21)}+m_{000}^{(22)}m_{100}^{(11)}m_{120}^{(10)}m_{021}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{111}^{(00)}m_{021}^{(21)}-m_{000}^{(22)}m_{100}^{(11)}m_{111}^{(00)}m_{102}^{(11)}+m_{000}^{(22)}m_{100}^{(11)}m_{111}^{(10)}m_{111}^{(20)}\\
&-2m_{000}^{(22)}m_{100}^{(11)}m_{111}^{(10)}m_{102}^{(10)}+m_{000}^{(22)}m_{100}^{(11)}m_{111}^{(11)}m_{102}^{(00)}-m_{000}^{(22)}m_{100}^{(20)}m_{300}^{(11)}m_{021}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{300}^{(21)}m_{030}^{(21)}+m_{000}^{(22)}m_{100}^{(20)}m_{300}^{(21)}m_{021}^{(11)}-m_{000}^{(22)}m_{100}^{(20)}m_{300}^{(22)}m_{030}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(10)}m_{030}^{(22)}-m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(10)}m_{012}^{(11)}-m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(11)}m_{120}^{(22)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(11)}m_{111}^{(21)}+m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(11)}m_{021}^{(20)}+m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(11)}m_{012}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(20)}m_{030}^{(21)}+m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(20)}m_{021}^{(11)}-m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(21)}m_{120}^{(21)}\\
&-2m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(21)}m_{111}^{(11)}-m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(21)}m_{030}^{(20)}-2m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(21)}m_{021}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(22)}m_{120}^{(11)}+m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(22)}m_{030}^{(10)}-m_{000}^{(22)}m_{100}^{(20)}m_{201}^{(10)}m_{030}^{(21)}
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&+m_{000}^{(22)}m_{100}^{(20)}m_{201}^{(10)}m_{021}^{(11)}+m_{000}^{(22)}m_{100}^{(20)}m_{201}^{(11)}m_{120}^{(21)}-m_{000}^{(22)}m_{100}^{(20)}m_{201}^{(11)}m_{021}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{201}^{(21)}m_{120}^{(11)}+m_{000}^{(22)}m_{100}^{(20)}m_{201}^{(21)}m_{030}^{(10)}+m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(00)}m_{021}^{(21)}\\
&-2m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(10)}m_{120}^{(22)}-m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(10)}m_{111}^{(21)}+m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(10)}m_{102}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(10)}m_{021}^{(20)}+m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(10)}m_{012}^{(10)}-m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(11)}m_{111}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(11)}m_{102}^{(10)}-m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(11)}m_{012}^{(00)}+2m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(20)}m_{120}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(20)}m_{111}^{(11)}-m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(20)}m_{021}^{(10)}+3m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(21)}m_{111}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(21)}m_{021}^{(00)}-m_{000}^{(22)}m_{100}^{(20)}m_{111}^{(00)}m_{030}^{(21)}-m_{000}^{(22)}m_{100}^{(20)}m_{111}^{(00)}m_{021}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{111}^{(10)}m_{030}^{(20)}+m_{000}^{(22)}m_{100}^{(20)}m_{111}^{(11)}m_{021}^{(00)}+m_{000}^{(22)}m_{100}^{(20)}m_{111}^{(20)}m_{030}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{111}^{(21)}m_{030}^{(00)}+m_{000}^{(22)}m_{100}^{(20)}m_{102}^{(00)}m_{030}^{(11)}-m_{000}^{(22)}m_{100}^{(20)}m_{102}^{(10)}m_{030}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{300}^{(10)}m_{030}^{(22)}+2m_{000}^{(22)}m_{100}^{(21)}m_{300}^{(10)}m_{021}^{(21)}+m_{000}^{(22)}m_{100}^{(21)}m_{300}^{(10)}m_{012}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{300}^{(11)}m_{120}^{(22)}-m_{000}^{(22)}m_{100}^{(21)}m_{300}^{(11)}m_{021}^{(20)}-m_{000}^{(22)}m_{100}^{(21)}m_{300}^{(11)}m_{012}^{(10)}\\
&-2m_{000}^{(22)}m_{100}^{(21)}m_{300}^{(20)}m_{021}^{(11)}-2m_{000}^{(22)}m_{100}^{(21)}m_{300}^{(21)}m_{120}^{(21)}+m_{000}^{(22)}m_{100}^{(21)}m_{300}^{(21)}m_{030}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{300}^{(21)}m_{021}^{(10)}+m_{000}^{(22)}m_{100}^{(21)}m_{300}^{(22)}m_{120}^{(11)}-2m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(00)}m_{021}^{(21)}\\
&+2m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(10)}m_{120}^{(22)}-3m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(10)}m_{111}^{(21)}-m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(10)}m_{102}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(10)}m_{021}^{(20)}-m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(10)}m_{012}^{(10)}-2m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(11)}m_{210}^{(22)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(11)}m_{111}^{(20)}+m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(11)}m_{102}^{(10)}+m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(11)}m_{012}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(20)}m_{120}^{(21)}+3m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(20)}m_{111}^{(11)}+2m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(20)}m_{021}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(21)}(m_{210}^{(21)})^2-2m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(21)}m_{120}^{(20)}-m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(21)}m_{111}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(21)}m_{021}^{(00)}-m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(22)}m_{120}^{(10)}+2m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(00)}m_{021}^{(11)}\\
&-2m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(10)}m_{111}^{(11)}+m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(10)}m_{030}^{(20)}-3m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(10)}m_{021}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(11)}m_{120}^{(20)}+2m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(11)}m_{111}^{(10)}+m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(11)}m_{021}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(21)}m_{120}^{(10)}-m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(21)}m_{030}^{(00)}+3m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(00)}m_{111}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(10)}m_{111}^{(20)}+m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(10)}m_{102}^{(10)}-m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(11)}m_{102}^{(00)}\\
&-3m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(20)}m_{111}^{(10)}+m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(21)}m_{111}^{(00)}-3m_{000}^{(22)}m_{100}^{(21)}m_{111}^{(00)}m_{111}^{(11)}\\
&+3m_{000}^{(22)}m_{100}^{(21)}(m_{111}^{(10)})^2-m_{000}^{(22)}m_{100}^{(22)}m_{300}^{(10)}m_{021}^{(11)}+m_{000}^{(22)}m_{100}^{(22)}m_{300}^{(11)}m_{021}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(22)}m_{300}^{(20)}m_{030}^{(11)}-m_{000}^{(22)}m_{100}^{(22)}m_{300}^{(21)}m_{030}^{(10)}+m_{000}^{(22)}m_{100}^{(22)}m_{210}^{(00)}m_{030}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(22)}m_{210}^{(10)}m_{120}^{(21)}+2m_{000}^{(22)}m_{100}^{(22)}m_{210}^{(10)}m_{111}^{(11)}-m_{000}^{(22)}m_{100}^{(22)}m_{210}^{(10)}m_{030}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(22)}m_{210}^{(10)}m_{021}^{(10)}+m_{000}^{(22)}m_{100}^{(22)}m_{210}^{(11)}m_{120}^{(20)}-2m_{000}^{(22)}m_{100}^{(22)}m_{210}^{(11)}m_{111}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(22)}m_{210}^{(11)}m_{021}^{(00)}-2m_{000}^{(22)}m_{100}^{(22)}m_{210}^{(20)}m_{120}^{(11)}-m_{000}^{(22)}m_{100}^{(22)}m_{210}^{(20)}m_{030}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(22)}m_{210}^{(21)}m_{120}^{(10)}+m_{000}^{(22)}m_{100}^{(22)}m_{210}^{(21)}m_{030}^{(00)}-m_{000}^{(22)}m_{100}^{(22)}m_{201}^{(00)}m_{030}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(22)}m_{201}^{(10)}m_{120}^{(11)}+m_{000}^{(22)}m_{100}^{(22)}m_{201}^{(10)}m_{030}^{(10)}-m_{000}^{(22)}m_{100}^{(22)}m_{201}^{(11)}m_{120}^{(10)}\\
&-2m_{000}^{(22)}m_{100}^{(22)}m_{120}^{(00)}m_{120}^{(21)}+2m_{000}^{(22)}m_{100}^{(22)}m_{120}^{(10)}m_{120}^{(20)}-2m_{000}^{(22)}m_{100}^{(22)}m_{120}^{(10)}m_{111}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(22)}m_{120}^{(11)}m_{111}^{(00)}+m_{000}^{(22)}m_{010}^{(00)}m_{210}^{(11)}m_{012}^{(20)}-m_{000}^{(22)}m_{010}^{(00)}m_{210}^{(21)}m_{021}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{210}^{(21)}m_{012}^{(10)}+m_{000}^{(22)}m_{010}^{(00)}m_{210}^{(22)}m_{021}^{(10)}-m_{000}^{(22)}m_{010}^{(00)}m_{201}^{(11)}m_{021}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{201}^{(21)}m_{030}^{(20)}+m_{000}^{(22)}m_{010}^{(00)}m_{201}^{(21)}m_{021}^{(10)}-m_{000}^{(22)}m_{010}^{(00)}m_{201}^{(22)}m_{030}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(00)}m_{021}^{(22)}+m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(00)}m_{012}^{(21)}+m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(10)}m_{111}^{(22)}\\
&-2m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(10)}m_{012}^{(20)}-m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(11)}m_{102}^{(20)}-m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(20)}m_{111}^{(21)}\\
&+2m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(20)}m_{021}^{(20)}+m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(21)}m_{111}^{(20)}+m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(21)}m_{102}^{(10)}
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&+m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(21)}m_{012}^{(00)} - m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(22)}m_{111}^{(10)} - m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(22)}m_{021}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{111}^{(00)}m_{030}^{(22)} - m_{000}^{(22)}m_{010}^{(00)}m_{111}^{(00)}m_{012}^{(11)} - m_{000}^{(22)}m_{010}^{(00)}m_{111}^{(10)}m_{111}^{(21)}\\
&+2m_{000}^{(22)}m_{010}^{(00)}m_{111}^{(10)}m_{021}^{(20)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{111}^{(10)}m_{012}^{(10)} + m_{000}^{(22)}m_{010}^{(00)}m_{111}^{(11)}m_{111}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{111}^{(11)}m_{012}^{(00)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{111}^{(20)}m_{030}^{(20)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{111}^{(20)}m_{021}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{111}^{(22)}m_{030}^{(00)} - m_{000}^{(22)}m_{010}^{(00)}m_{102}^{(00)}m_{030}^{(21)} + m_{000}^{(22)}m_{010}^{(00)}m_{102}^{(00)}m_{021}^{(11)}\\
&-2m_{000}^{(22)}m_{010}^{(00)}m_{102}^{(10)}m_{021}^{(10)} + m_{000}^{(22)}m_{010}^{(00)}m_{102}^{(11)}m_{021}^{(00)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{102}^{(20)}m_{030}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{102}^{(21)}m_{030}^{(00)} - m_{000}^{(22)}m_{010}^{(10)}m_{300}^{(11)}m_{012}^{(20)} + m_{000}^{(22)}m_{010}^{(10)}m_{300}^{(21)}m_{021}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{300}^{(21)}m_{012}^{(10)} - m_{000}^{(22)}m_{010}^{(10)}m_{300}^{(22)}m_{021}^{(10)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(00)}m_{021}^{(22)}\\
&-2m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(00)}m_{012}^{(21)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(10)}m_{111}^{(22)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(10)}m_{012}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(11)}m_{102}^{(20)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(20)}m_{111}^{(21)} - 3m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(20)}m_{021}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(20)}m_{012}^{(10)} - m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(21)}m_{102}^{(10)} - m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(21)}m_{012}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(22)}m_{021}^{(00)} - m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(00)}m_{030}^{(22)} + m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(00)}m_{012}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(10)}m_{120}^{(22)} + m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(10)}m_{111}^{(21)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(10)}m_{012}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(11)}m_{111}^{(20)} + m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(11)}m_{012}^{(00)} - m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(20)}m_{120}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(20)}m_{111}^{(11)} + m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(20)}m_{030}^{(20)} + m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(20)}m_{021}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(21)}m_{120}^{(20)} - m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(21)}m_{111}^{(10)} - m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(21)}m_{021}^{(00)}\\
&+2m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(22)}m_{120}^{(10)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{120}^{(00)}m_{111}^{(22)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{120}^{(00)}m_{102}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{120}^{(00)}m_{012}^{(20)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{120}^{(10)}m_{102}^{(20)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{120}^{(20)}m_{111}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{120}^{(20)}m_{102}^{(10)} - m_{000}^{(22)}m_{010}^{(10)}m_{120}^{(20)}m_{012}^{(00)} + m_{000}^{(22)}m_{010}^{(10)}m_{120}^{(21)}m_{102}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{111}^{(00)}m_{111}^{(21)} - m_{000}^{(22)}m_{010}^{(10)}m_{111}^{(00)}m_{102}^{(11)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{111}^{(00)}m_{021}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{111}^{(10)}m_{111}^{(20)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{111}^{(10)}m_{102}^{(10)} - m_{000}^{(22)}m_{010}^{(10)}m_{111}^{(11)}m_{102}^{(00)}\\
&+2m_{000}^{(22)}m_{010}^{(10)}m_{111}^{(20)}m_{021}^{(00)} + m_{000}^{(22)}m_{010}^{(10)}m_{102}^{(00)}m_{030}^{(20)} - m_{000}^{(22)}m_{010}^{(10)}m_{102}^{(20)}m_{030}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(00)}m_{021}^{(22)} + m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(00)}m_{012}^{(21)} + m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(10)}m_{111}^{(22)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(20)}m_{111}^{(21)} + m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(20)}m_{021}^{(20)} - m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(20)}m_{012}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(21)}m_{111}^{(20)} + m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(22)}m_{111}^{(10)} + m_{000}^{(22)}m_{010}^{(11)}m_{210}^{(00)}m_{111}^{(22)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{210}^{(00)}m_{102}^{(21)} - m_{000}^{(22)}m_{010}^{(11)}m_{210}^{(00)}m_{012}^{(20)} - m_{000}^{(22)}m_{010}^{(11)}m_{210}^{(10)}m_{201}^{(22)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{210}^{(20)}m_{201}^{(21)} + m_{000}^{(22)}m_{010}^{(11)}m_{210}^{(20)}m_{102}^{(10)} + m_{000}^{(22)}m_{010}^{(11)}m_{210}^{(20)}m_{012}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{210}^{(21)}m_{201}^{(20)} - m_{000}^{(22)}m_{010}^{(11)}m_{210}^{(22)}m_{201}^{(10)} - m_{000}^{(22)}m_{010}^{(11)}m_{210}^{(22)}m_{111}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(00)}m_{120}^{(22)} - m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(00)}m_{111}^{(21)} + m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(00)}m_{021}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(10)}m_{111}^{(20)} - m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(20)}m_{120}^{(20)} + m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(20)}m_{111}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(20)}m_{021}^{(00)} + m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(21)}m_{111}^{(00)} + m_{000}^{(22)}m_{010}^{(11)}m_{120}^{(00)}m_{102}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{120}^{(00)}m_{102}^{(20)} + m_{000}^{(22)}m_{010}^{(20)}m_{300}^{(11)}m_{021}^{(20)} - m_{000}^{(22)}m_{010}^{(20)}m_{300}^{(21)}m_{030}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{300}^{(21)}m_{021}^{(10)} + m_{000}^{(22)}m_{010}^{(20)}m_{300}^{(22)}m_{030}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(00)}m_{030}^{(22)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(00)}m_{012}^{(11)} + m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(10)}m_{120}^{(22)} + m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(10)}m_{111}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(10)}m_{021}^{(20)} - m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(10)}m_{012}^{(10)} - 3m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(11)}m_{111}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(20)}m_{120}^{(21)} - m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(20)}m_{111}^{(11)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(20)}m_{030}^{(20)}\\
&+2m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(21)}m_{120}^{(20)} + 3m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(21)}m_{111}^{(10)} + m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(21)}m_{021}^{(00)}\\
&-2m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(22)}m_{120}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(22)}m_{030}^{(00)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(00)}m_{030}^{(21)}
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&-2m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(00)}m_{021}^{(11)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(10)}m_{120}^{(21)} - m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(10)}m_{030}^{(20)}\\
&+3m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(10)}m_{021}^{(10)} + m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(11)}m_{120}^{(20)} - m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(11)}m_{021}^{(00)}\\
&+2m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(20)}m_{120}^{(11)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(20)}m_{030}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(21)}m_{120}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(21)}m_{030}^{(00)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(00)}m_{120}^{(22)} - m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(00)}m_{111}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(00)}m_{102}^{(11)} - m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(00)}m_{012}^{(10)} + 3m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(10)}m_{111}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(10)}m_{102}^{(10)} + m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(10)}m_{012}^{(00)} - 2m_{000}^{(22)}m_{010}^{(20)}(m_{120}^{(20)})^2\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(20)}m_{111}^{(10)} - 3m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(21)}m_{111}^{(00)} + 3m_{000}^{(22)}m_{010}^{(20)}m_{111}^{(00)}m_{111}^{(11)}\\
&+2m_{000}^{(22)}m_{010}^{(20)}m_{111}^{(00)}m_{021}^{(10)} - 3m_{000}^{(22)}m_{010}^{(20)}(m_{111}^{(10)})^2 - 2m_{000}^{(22)}m_{010}^{(20)}m_{111}^{(10)}m_{021}^{(00)}\\
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&+m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(20)}m_{120}^{(21)} + m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(20)}m_{111}^{(11)} - m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(20)}m_{030}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(20)}m_{021}^{(10)} + m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(21)}m_{120}^{(20)} - m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(21)}m_{111}^{(10)}\\
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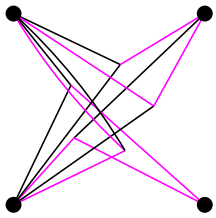
&+m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(00)}m_{102}^{(11)} + m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(00)}m_{021}^{(20)} + m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(00)}m_{012}^{(10)}\\
&+2m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(10)}m_{210}^{(22)} + m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(10)}m_{201}^{(21)} + m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(10)}m_{111}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(10)}m_{102}^{(10)} - m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(10)}m_{012}^{(00)} - m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(11)}m_{201}^{(20)}\\
&-2m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(20)}m_{210}^{(21)} - m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(20)}m_{201}^{(11)} + m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(20)}m_{120}^{(20)}\\
&-3m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(20)}m_{111}^{(10)} - m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(20)}m_{021}^{(00)} + m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(21)}m_{201}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(21)}m_{111}^{(00)} + m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(22)}m_{120}^{(00)} - m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(00)}m_{120}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(00)}m_{111}^{(11)} - m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(00)}m_{030}^{(20)} - m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(00)}m_{021}^{(10)}\\
&+2m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(10)}m_{120}^{(20)} + m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(10)}m_{021}^{(00)} - m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(11)}m_{111}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(20)}m_{030}^{(00)} - m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(21)}m_{120}^{(00)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{120}^{(00)}m_{111}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{120}^{(00)}m_{102}^{(10)} + m_{000}^{(22)}m_{010}^{(21)}m_{120}^{(10)}m_{102}^{(00)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{120}^{(20)}m_{111}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(00)}m_{030}^{(21)} + m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(00)}m_{021}^{(11)} + m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(10)}m_{120}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(10)}m_{030}^{(20)} - m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(10)}m_{021}^{(10)} - m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(11)}m_{120}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(20)}m_{120}^{(11)} + m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(21)}m_{120}^{(10)} + 2m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(00)}m_{120}^{(21)}\\
&-2m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(00)}m_{111}^{(11)} - m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(00)}m_{021}^{(10)} - 2m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(10)}m_{210}^{(21)}\\
&-2m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(10)}m_{120}^{(20)} + 2m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(10)}m_{111}^{(10)} + m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(10)}m_{021}^{(00)}\\
&+2m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(11)}m_{210}^{(20)} + m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(20)}m_{120}^{(10)} - m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(21)}m_{120}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(22)}m_{201}^{(00)}m_{030}^{(10)} - m_{000}^{(22)}m_{010}^{(22)}m_{201}^{(10)}m_{120}^{(10)} - m_{000}^{(22)}m_{010}^{(22)}m_{201}^{(10)}m_{030}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(22)}m_{201}^{(11)}m_{120}^{(00)} + 2m_{000}^{(22)}m_{010}^{(22)}m_{120}^{(00)}m_{111}^{(10)} - 2m_{000}^{(22)}m_{010}^{(22)}m_{120}^{(10)}m_{111}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{rrrrr}
V1 & 1 & 1 & 1 & V1\\
V2 & V2 & 2 & 2 & 3\\
2 & V3 & V3 & V4 & V4
\end{array}
$$



$$
\begin{aligned}
T_{114} \;=\;& -m_{000}^{(00)} m_{010}^{(00)} m_{120}^{(11)} m_{003}^{(22)} + m_{000}^{(00)} m_{010}^{(00)} m_{120}^{(21)} m_{012}^{(22)} + m_{000}^{(00)} m_{010}^{(00)} m_{120}^{(21)} m_{003}^{(21)} \\
& - m_{000}^{(00)} m_{010}^{(00)} m_{120}^{(22)} m_{012}^{(21)} + m_{000}^{(00)} m_{010}^{(00)} m_{111}^{(11)} m_{012}^{(22)} + m_{000}^{(00)} m_{010}^{(00)} m_{111}^{(11)} m_{003}^{(21)} \\
& - m_{000}^{(00)} m_{010}^{(00)} m_{111}^{(21)} m_{021}^{(22)} - 2m_{000}^{(00)} m_{010}^{(00)} m_{111}^{(21)} m_{012}^{(21)} - m_{000}^{(00)} m_{010}^{(00)} m_{111}^{(21)} m_{003}^{(11)} \\
& + m_{000}^{(00)} m_{010}^{(00)} m_{111}^{(22)} m_{021}^{(21)} + m_{000}^{(00)} m_{010}^{(00)} m_{111}^{(22)} m_{012}^{(11)} - m_{000}^{(00)} m_{010}^{(00)} m_{102}^{(11)} m_{012}^{(21)} \\
& + m_{000}^{(00)} m_{010}^{(00)} m_{102}^{(21)} m_{021}^{(21)} + m_{000}^{(00)} m_{010}^{(00)} m_{102}^{(21)} m_{012}^{(11)} - m_{000}^{(00)} m_{010}^{(00)} m_{102}^{(22)} m_{021}^{(11)} \\
& + m_{000}^{(00)} m_{010}^{(00)} m_{030}^{(10)} m_{003}^{(22)} - m_{000}^{(00)} m_{010}^{(00)} m_{030}^{(20)} m_{012}^{(22)} - m_{000}^{(00)} m_{010}^{(00)} m_{030}^{(21)} m_{003}^{(20)} \\
& + m_{000}^{(00)} m_{010}^{(00)} m_{030}^{(22)} m_{012}^{(20)} - 3m_{000}^{(00)} m_{010}^{(00)} m_{021}^{(10)} m_{003}^{(21)} + 2m_{000}^{(00)} m_{010}^{(00)} m_{021}^{(11)} m_{003}^{(20)} \\
& + 3m_{000}^{(00)} m_{010}^{(00)} m_{021}^{(20)} m_{012}^{(21)} - 2m_{000}^{(00)} m_{010}^{(00)} m_{021}^{(21)} m_{012}^{(20)} + m_{000}^{(00)} m_{010}^{(00)} m_{021}^{(21)} m_{003}^{(10)} \\
& - m_{000}^{(00)} m_{010}^{(00)} m_{021}^{(22)} m_{012}^{(10)} + 2m_{000}^{(00)} m_{010}^{(00)} m_{012}^{(10)} m_{012}^{(21)} + 2m_{000}^{(00)} m_{010}^{(00)} m_{012}^{(10)} m_{003}^{(11)} \\
& - 2m_{000}^{(00)} m_{010}^{(00)} m_{012}^{(11)} m_{012}^{(20)} - 2m_{000}^{(00)} m_{010}^{(00)} m_{012}^{(11)} m_{003}^{(10)} + m_{000}^{(00)} m_{010}^{(10)} m_{210}^{(11)} m_{003}^{(22)} \\
& - m_{000}^{(00)} m_{010}^{(10)} m_{210}^{(21)} m_{012}^{(22)} - m_{000}^{(00)} m_{010}^{(10)} m_{210}^{(21)} m_{003}^{(21)} + m_{000}^{(00)} m_{010}^{(10)} m_{210}^{(22)} m_{012}^{(21)} \\
& - m_{000}^{(00)} m_{010}^{(10)} m_{201}^{(11)} m_{003}^{(21)} + m_{000}^{(00)} m_{010}^{(10)} m_{201}^{(21)} m_{012}^{(21)} + m_{000}^{(00)} m_{010}^{(10)} m_{201}^{(21)} m_{003}^{(11)} \\
& - m_{000}^{(00)} m_{010}^{(10)} m_{201}^{(22)} m_{012}^{(11)} + m_{000}^{(00)} m_{010}^{(10)} m_{120}^{(20)} m_{012}^{(22)} - m_{000}^{(00)} m_{010}^{(10)} m_{120}^{(20)} m_{003}^{(21)} \\
& - m_{000}^{(00)} m_{010}^{(10)} m_{120}^{(21)} m_{102}^{(22)} + m_{000}^{(00)} m_{010}^{(10)} m_{120}^{(21)} m_{003}^{(20)} + m_{000}^{(00)} m_{010}^{(10)} m_{120}^{(22)} m_{102}^{(21)} \\
& - m_{000}^{(00)} m_{010}^{(10)} m_{120}^{(22)} m_{012}^{(20)} - 3m_{000}^{(00)} m_{010}^{(10)} m_{111}^{(10)} m_{012}^{(22)} + 3m_{000}^{(00)} m_{010}^{(10)} m_{111}^{(10)} m_{003}^{(21)} \\
& + m_{000}^{(00)} m_{010}^{(10)} m_{111}^{(11)} m_{102}^{(22)} - 3m_{000}^{(00)} m_{010}^{(10)} m_{111}^{(11)} m_{003}^{(20)} + 2m_{000}^{(00)} m_{010}^{(10)} m_{111}^{(20)} m_{021}^{(22)} \\
& - 3m_{000}^{(00)} m_{010}^{(10)} m_{111}^{(20)} m_{012}^{(21)} + m_{000}^{(00)} m_{010}^{(10)} m_{111}^{(20)} m_{003}^{(11)} + 5m_{000}^{(00)} m_{010}^{(10)} m_{111}^{(21)} m_{012}^{(20)} \\
& - m_{000}^{(00)} m_{010}^{(10)} m_{111}^{(21)} m_{003}^{(10)} - m_{000}^{(00)} m_{010}^{(10)} m_{111}^{(22)} m_{102}^{(11)} - 2m_{000}^{(00)} m_{010}^{(10)} m_{111}^{(22)} m_{021}^{(20)} \\
& + m_{000}^{(00)} m_{010}^{(10)} m_{111}^{(22)} m_{012}^{(10)} + m_{000}^{(00)} m_{010}^{(10)} m_{102}^{(10)} m_{021}^{(22)} + m_{000}^{(00)} m_{010}^{(10)} m_{102}^{(10)} m_{012}^{(21)} \\
& - 2m_{000}^{(00)} m_{010}^{(10)} m_{102}^{(10)} m_{003}^{(11)} + m_{000}^{(00)} m_{010}^{(10)} m_{102}^{(11)} m_{012}^{(20)} + 2m_{000}^{(00)} m_{010}^{(10)} m_{102}^{(11)} m_{003}^{(10)} \\
& - m_{000}^{(00)} m_{010}^{(10)} m_{102}^{(20)} m_{030}^{(22)} + m_{000}^{(00)} m_{010}^{(10)} m_{102}^{(20)} m_{012}^{(11)} - 2m_{000}^{(00)} m_{010}^{(10)} m_{102}^{(21)} m_{021}^{(20)} \\
& - 3m_{000}^{(00)} m_{010}^{(10)} m_{102}^{(21)} m_{012}^{(10)} + m_{000}^{(00)} m_{010}^{(10)} m_{102}^{(22)} m_{030}^{(20)} + m_{000}^{(00)} m_{010}^{(10)} m_{102}^{(22)} m_{021}^{(10)} \\
& - m_{000}^{(00)} m_{010}^{(10)} m_{030}^{(00)} m_{003}^{(22)} + m_{000}^{(00)} m_{010}^{(10)} m_{030}^{(20)} m_{003}^{(20)} + m_{000}^{(00)} m_{010}^{(10)} m_{021}^{(00)} m_{012}^{(22)} \\
& + 2m_{000}^{(00)} m_{010}^{(10)} m_{021}^{(00)} m_{003}^{(21)} - m_{000}^{(00)} m_{010}^{(10)} m_{021}^{(10)} m_{003}^{(20)} - m_{000}^{(00)} m_{010}^{(10)} m_{021}^{(20)} m_{012}^{(20)} \\
& - m_{000}^{(00)} m_{010}^{(10)} m_{021}^{(20)} m_{003}^{(10)} - 2m_{000}^{(00)} m_{010}^{(10)} m_{012}^{(00)} m_{012}^{(21)} - m_{000}^{(00)} m_{010}^{(10)} m_{012}^{(00)} m_{003}^{(11)} \\
& + 2m_{000}^{(00)} m_{010}^{(10)} m_{012}^{(10)} m_{012}^{(20)} + m_{000}^{(00)} m_{010}^{(10)} m_{012}^{(11)} m_{003}^{(00)} - m_{000}^{(00)} m_{010}^{(11)} m_{010}^{(10)} m_{210}^{(22)} m_{003}^{(22)} \\
& + m_{000}^{(00)} m_{010}^{(11)} m_{210}^{(20)} m_{003}^{(21)} + m_{000}^{(00)} m_{010}^{(11)} m_{210}^{(21)} m_{102}^{(22)} - m_{000}^{(00)} m_{010}^{(11)} m_{210}^{(22)} m_{102}^{(21)} \\
& + m_{000}^{(00)} m_{010}^{(11)} m_{201}^{(10)} m_{012}^{(22)} - m_{000}^{(00)} m_{010}^{(11)} m_{201}^{(11)} m_{102}^{(22)} + m_{000}^{(00)} m_{010}^{(11)} m_{201}^{(11)} m_{003}^{(20)} \\
& - m_{000}^{(00)} m_{010}^{(11)} m_{201}^{(20)} m_{021}^{(22)} + m_{000}^{(00)} m_{010}^{(11)} m_{201}^{(20)} m_{012}^{(21)} - m_{000}^{(00)} m_{010}^{(11)} m_{201}^{(20)} m_{003}^{(11)} \\
& + m_{000}^{(00)} m_{010}^{(11)} m_{201}^{(21)} m_{111}^{(22)} - 2m_{000}^{(00)} m_{010}^{(11)} m_{201}^{(21)} m_{012}^{(20)} - m_{000}^{(00)} m_{010}^{(11)} m_{201}^{(22)} m_{111}^{(21)} \\
& + m_{000}^{(00)} m_{010}^{(11)} m_{201}^{(22)} m_{102}^{(11)} + m_{000}^{(00)} m_{010}^{(11)} m_{201}^{(22)} m_{021}^{(20)} + m_{000}^{(00)} m_{010}^{(11)} m_{120}^{(00)} m_{003}^{(22)} \\
& - m_{000}^{(00)} m_{010}^{(11)} m_{120}^{(20)} m_{102}^{(22)} - m_{000}^{(00)} m_{010}^{(11)} m_{120}^{(20)} m_{003}^{(20)} + m_{000}^{(00)} m_{010}^{(11)} m_{120}^{(22)} m_{102}^{(20)} \\
& - 2m_{000}^{(00)} m_{010}^{(11)} m_{111}^{(00)} m_{003}^{(21)} + m_{000}^{(00)} m_{010}^{(11)} m_{111}^{(10)} m_{102}^{(22)} + m_{000}^{(00)} m_{010}^{(11)} m_{111}^{(10)} m_{003}^{(20)} \\
& + m_{000}^{(00)} m_{010}^{(11)} m_{111}^{(20)} m_{102}^{(21)} + m_{000}^{(00)} m_{010}^{(11)} m_{111}^{(20)} m_{003}^{(10)} - m_{000}^{(00)} m_{010}^{(11)} m_{111}^{(21)} m_{102}^{(20)} \\
& - m_{000}^{(00)} m_{010}^{(11)} m_{111}^{(22)} m_{102}^{(10)} + m_{000}^{(00)} m_{010}^{(11)} m_{102}^{(00)} m_{003}^{(11)} - m_{000}^{(00)} m_{010}^{(11)} m_{102}^{(10)} m_{012}^{(20)} \\
& - m_{000}^{(00)} m_{010}^{(11)} m_{102}^{(10)} m_{003}^{(11)} + m_{000}^{(00)} m_{010}^{(11)} m_{102}^{(11)} m_{012}^{(10)} + 2m_{000}^{(00)} m_{010}^{(11)} m_{102}^{(21)} m_{012}^{(00)} \\
& - m_{000}^{(00)} m_{010}^{(11)} m_{102}^{(22)} m_{021}^{(00)} - m_{000}^{(00)} m_{010}^{(20)} m_{210}^{(11)} m_{012}^{(22)} + m_{000}^{(00)} m_{010}^{(20)} m_{210}^{(21)} m_{012}^{(21)} \\
& - m_{000}^{(00)} m_{010}^{(20)} m_{210}^{(22)} m_{021}^{(21)}
\end{aligned}
$$

$$+m_{000}^{(00)}m_{010}^{(20)}m_{201}^{(11)}m_{012}^{(21)} - m_{000}^{(00)}m_{010}^{(20)}m_{201}^{(21)}m_{021}^{(21)} - m_{000}^{(00)}m_{010}^{(20)}m_{201}^{(21)}m_{012}^{(11)}$$
$$+m_{000}^{(00)}m_{010}^{(20)}m_{201}^{(22)}m_{021}^{(11)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(11)}m_{102}^{(22)} - m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(20)}m_{021}^{(22)}$$
$$+m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(20)}m_{012}^{(21)} - m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(21)}m_{111}^{(22)} - 2m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(21)}m_{102}^{(21)}$$
$$-m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(21)}m_{012}^{(20)} + m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(22)}m_{111}^{(21)} + m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(22)}m_{021}^{(20)}$$
$$+2m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(10)}m_{021}^{(22)} - m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(10)}m_{012}^{(21)} - m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(10)}m_{003}^{(11)}$$
$$-2m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(11)}m_{111}^{(22)} - 3m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(11)}m_{102}^{(21)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(11)}m_{012}^{(20)}$$
$$+m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(11)}m_{003}^{(10)} - m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(20)}m_{030}^{(22)} + m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(20)}m_{021}^{(21)}$$
$$+2m_{000}^{(00)}m_{010}^{(20)}(m_{111}^{(21)})^2 + 3m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(21)}m_{102}^{(11)} - 3m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(21)}m_{021}^{(20)}$$
$$-m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(21)}m_{012}^{(10)} + m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(22)}m_{030}^{(20)} - 3m_{000}^{(00)}m_{010}^{(20)}m_{102}^{(10)}m_{021}^{(21)}$$
$$+3m_{000}^{(00)}m_{010}^{(20)}m_{102}^{(10)}m_{012}^{(11)} - 3m_{000}^{(00)}m_{010}^{(20)}m_{102}^{(11)}m_{012}^{(10)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{102}^{(20)}m_{030}^{(21)}$$
$$-2m_{000}^{(00)}m_{010}^{(20)}m_{102}^{(20)}m_{021}^{(11)} + 5m_{000}^{(00)}m_{010}^{(20)}m_{102}^{(21)}m_{021}^{(10)} - 2m_{000}^{(00)}m_{010}^{(20)}m_{102}^{(22)}m_{030}^{(10)}$$
$$+m_{000}^{(00)}m_{010}^{(20)}m_{030}^{(00)}m_{012}^{(22)} - m_{000}^{(00)}m_{010}^{(20)}m_{030}^{(20)}m_{012}^{(20)} - m_{000}^{(00)}m_{010}^{(20)}m_{021}^{(00)}m_{021}^{(22)}$$
$$-2m_{000}^{(00)}m_{010}^{(20)}m_{021}^{(00)}m_{012}^{(21)} + m_{000}^{(00)}m_{010}^{(20)}m_{021}^{(10)}m_{003}^{(10)} - m_{000}^{(00)}m_{010}^{(20)}m_{021}^{(11)}m_{003}^{(00)}$$
$$+m_{000}^{(00)}m_{010}^{(20)}(m_{021}^{(20)})^2 + 2m_{000}^{(00)}m_{010}^{(20)}m_{021}^{(21)}m_{012}^{(00)} + m_{000}^{(00)}m_{010}^{(20)}m_{012}^{(00)}m_{012}^{(11)}$$
$$-m_{000}^{(00)}m_{010}^{(20)}(m_{012}^{(10)})^2 + 2m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(10)}m_{012}^{(22)} - m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(11)}m_{102}^{(22)}$$
$$-2m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(20)}m_{012}^{(21)} - m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(21)}m_{111}^{(22)} + m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(21)}m_{102}^{(21)}$$
$$+m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(22)}m_{111}^{(21)} - m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(10)}m_{021}^{(22)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(10)}m_{012}^{(21)}$$
$$+m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(10)}m_{003}^{(11)} + m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(11)}m_{111}^{(22)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(11)}m_{102}^{(21)}$$
$$-m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(11)}m_{012}^{(20)} - m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(11)}m_{003}^{(10)} + m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(20)}m_{030}^{(22)}$$
$$+m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(20)}m_{012}^{(11)} - m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(21)}m_{120}^{(22)} - m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(21)}m_{111}^{(21)}$$
$$-2m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(21)}m_{102}^{(11)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(21)}m_{021}^{(20)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(21)}m_{012}^{(10)}$$
$$+m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(22)}m_{120}^{(21)} - m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(22)}m_{030}^{(20)} - m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(22)}m_{021}^{(10)}$$
$$-2m_{000}^{(00)}m_{010}^{(21)}m_{120}^{(00)}m_{012}^{(22)} + m_{000}^{(00)}m_{010}^{(21)}m_{120}^{(20)}m_{111}^{(22)} + m_{000}^{(00)}m_{010}^{(21)}m_{120}^{(20)}m_{102}^{(21)}$$
$$+2m_{000}^{(00)}m_{010}^{(21)}m_{120}^{(20)}m_{012}^{(20)} - m_{000}^{(00)}m_{010}^{(21)}m_{120}^{(21)}m_{102}^{(20)} - m_{000}^{(00)}m_{010}^{(21)}m_{120}^{(22)}m_{111}^{(20)}$$
$$+4m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(00)}m_{012}^{(21)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(10)}m_{102}^{(21)} - m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(10)}m_{012}^{(20)}$$
$$-m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(10)}m_{003}^{(10)} + m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(11)}m_{102}^{(20)} + m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(11)}m_{003}^{(00)}$$
$$-m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(20)}m_{102}^{(11)} - m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(20)}m_{021}^{(20)} - m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(20)}m_{012}^{(10)}$$
$$+2m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(21)}m_{102}^{(10)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(21)}m_{012}^{(00)} + m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(22)}m_{021}^{(00)}$$
$$-2m_{000}^{(00)}m_{010}^{(21)}m_{102}^{(00)}m_{012}^{(11)} + m_{000}^{(00)}m_{010}^{(21)}m_{102}^{(10)}m_{021}^{(20)} + m_{000}^{(00)}m_{010}^{(21)}m_{102}^{(10)}m_{012}^{(10)}$$
$$+m_{000}^{(00)}m_{010}^{(21)}m_{102}^{(11)}m_{012}^{(00)} - m_{000}^{(00)}m_{010}^{(21)}m_{102}^{(20)}m_{030}^{(20)} + m_{000}^{(00)}m_{010}^{(21)}m_{102}^{(20)}m_{021}^{(10)}$$
$$-2m_{000}^{(00)}m_{010}^{(21)}m_{102}^{(21)}m_{021}^{(00)} + m_{000}^{(00)}m_{010}^{(21)}m_{102}^{(22)}m_{030}^{(00)} - m_{000}^{(00)}m_{010}^{(22)}m_{210}^{(10)}m_{021}^{(22)}$$
$$+m_{000}^{(00)}m_{010}^{(22)}m_{210}^{(11)}m_{111}^{(22)} + m_{000}^{(00)}m_{010}^{(22)}m_{210}^{(20)}m_{021}^{(21)} - m_{000}^{(00)}m_{010}^{(22)}m_{210}^{(21)}m_{111}^{(21)}$$
$$+2m_{000}^{(00)}m_{010}^{(22)}m_{201}^{(10)}m_{021}^{(21)} - m_{000}^{(00)}m_{010}^{(22)}m_{201}^{(10)}m_{012}^{(11)} - 2m_{000}^{(00)}m_{010}^{(22)}m_{201}^{(11)}m_{111}^{(21)}$$
$$+m_{000}^{(00)}m_{010}^{(22)}m_{201}^{(11)}m_{012}^{(10)} - m_{000}^{(00)}m_{010}^{(22)}m_{201}^{(20)}m_{030}^{(21)} + m_{000}^{(00)}m_{010}^{(22)}m_{201}^{(21)}m_{120}^{(20)}$$
$$+2m_{000}^{(00)}m_{010}^{(22)}m_{201}^{(21)}m_{111}^{(11)} - 2m_{000}^{(00)}m_{010}^{(22)}m_{201}^{(21)}m_{021}^{(10)} - m_{000}^{(00)}m_{010}^{(22)}m_{201}^{(22)}m_{111}^{(20)}$$
$$+m_{000}^{(00)}m_{010}^{(22)}m_{201}^{(22)}m_{030}^{(10)} + m_{000}^{(00)}m_{010}^{(22)}m_{120}^{(00)}m_{021}^{(22)} - m_{000}^{(00)}m_{010}^{(22)}m_{120}^{(20)}m_{111}^{(21)}$$
$$-m_{000}^{(00)}m_{010}^{(22)}m_{120}^{(20)}m_{021}^{(20)} + m_{000}^{(00)}m_{010}^{(22)}m_{120}^{(21)}m_{111}^{(20)} - 2m_{000}^{(00)}m_{010}^{(22)}m_{111}^{(00)}m_{021}^{(21)}$$
$$+m_{000}^{(00)}m_{010}^{(22)}m_{111}^{(10)}m_{111}^{(11)} + m_{000}^{(00)}m_{010}^{(22)}m_{111}^{(10)}m_{012}^{(10)} - m_{000}^{(00)}m_{010}^{(22)}m_{111}^{(11)}m_{102}^{(10)}$$

$$
\begin{aligned}
&-m_{000}^{(00)}m_{010}^{(22)}m_{111}^{(11)}m_{012}^{(00)} + m_{000}^{(00)}m_{010}^{(22)}m_{111}^{(20)}m_{030}^{(20)} + 2m_{000}^{(00)}m_{010}^{(22)}m_{111}^{(21)}m_{021}^{(00)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{111}^{(22)}m_{030}^{(00)} + m_{000}^{(00)}m_{010}^{(22)}m_{102}^{(00)}m_{021}^{(11)} - m_{000}^{(00)}m_{010}^{(22)}m_{102}^{(10)}m_{021}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(00)}m_{120}^{(11)}m_{012}^{(22)} - m_{000}^{(00)}m_{001}^{(00)}m_{120}^{(21)}m_{021}^{(22)} - m_{000}^{(00)}m_{001}^{(00)}m_{120}^{(21)}m_{012}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(00)}m_{120}^{(22)}m_{021}^{(21)} - m_{000}^{(00)}m_{001}^{(00)}m_{111}^{(11)}m_{021}^{(22)} - m_{000}^{(00)}m_{001}^{(00)}m_{111}^{(21)}m_{012}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(00)}m_{111}^{(21)}m_{030}^{(22)} + 2m_{000}^{(00)}m_{001}^{(00)}m_{111}^{(21)}m_{021}^{(21)} + m_{000}^{(00)}m_{001}^{(00)}m_{111}^{(21)}m_{012}^{(11)}\\
&-m_{000}^{(00)}m_{001}^{(00)}m_{111}^{(22)}m_{030}^{(21)} - m_{000}^{(00)}m_{001}^{(00)}m_{111}^{(22)}m_{021}^{(11)} + m_{000}^{(00)}m_{001}^{(00)}m_{102}^{(11)}m_{021}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(00)}m_{102}^{(21)}m_{030}^{(21)} - m_{000}^{(00)}m_{001}^{(00)}m_{102}^{(21)}m_{021}^{(11)} + m_{000}^{(00)}m_{001}^{(00)}m_{102}^{(22)}m_{030}^{(11)}\\
&-2m_{000}^{(00)}m_{001}^{(00)}m_{030}^{(10)}m_{012}^{(22)} + m_{000}^{(00)}m_{001}^{(00)}m_{030}^{(10)}m_{003}^{(21)} - m_{000}^{(00)}m_{001}^{(00)}m_{030}^{(11)}m_{003}^{(20)}\\
&+2m_{000}^{(00)}m_{001}^{(00)}m_{030}^{(20)}m_{021}^{(22)} - m_{000}^{(00)}m_{001}^{(00)}m_{030}^{(20)}m_{012}^{(21)} + 3m_{000}^{(00)}m_{001}^{(00)}m_{030}^{(21)}m_{012}^{(20)}\\
&-2m_{000}^{(00)}m_{001}^{(00)}m_{030}^{(22)}m_{021}^{(20)} + 2m_{000}^{(00)}m_{001}^{(00)}m_{021}^{(10)}m_{021}^{(22)} + 2m_{000}^{(00)}m_{001}^{(00)}m_{021}^{(10)}m_{012}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(00)}m_{021}^{(10)}m_{003}^{(11)} + m_{000}^{(00)}m_{001}^{(00)}m_{021}^{(11)}m_{003}^{(10)} - 2m_{000}^{(00)}m_{001}^{(00)}m_{021}^{(20)}m_{021}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(00)}m_{021}^{(20)}m_{012}^{(11)} - 3m_{000}^{(00)}m_{001}^{(00)}m_{021}^{(21)}m_{012}^{(10)} - m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{210}^{(22)}m_{012}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{210}^{(22)}m_{021} + m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{210}^{(21)}m_{012} - m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{210}^{(21)}m_{021}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{201}^{(21)}m_{012} - m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{201}^{(21)}m_{021} - m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{201}^{(11)}m_{012}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{201}^{(11)}m_{021} + 2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(10)}m_{120}^{(22)}m_{012} - 2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(10)}m_{120}^{(21)}m_{003}\\
&-2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{120}^{(22)}m_{102} + 2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{120}^{(20)}m_{003} - 3m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{120}^{(22)}m_{021}\\
&+3m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{120}^{(21)}m_{012} + 3m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{120}^{(22)}m_{111} + 2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{120}^{(21)}m_{102}\\
&-5m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{120}^{(20)}m_{012} - 3m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{120}^{(21)}m_{111} + 3m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{120}^{(20)}m_{021}\\
&-m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(10)}m_{111}^{(21)}m_{012} + m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(10)}m_{111}^{(11)}m_{003} + 2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{111}^{(22)}m_{111}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{111}^{(21)}m_{102} - m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{111}^{(10)}m_{003} + m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{111}^{(20)}m_{030}^{(22)}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{111}^{(21)}m_{021} - 2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{111}^{(11)}m_{012} - 2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(10)}(m_{111}^{(21)})^2\\
&-m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{111}^{(11)}m_{102} + m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{111}^{(20)}m_{021} + 3m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{111}^{(10)}m_{012}\\
&-m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{111}^{(20)}m_{030} - 2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{111}^{(10)}m_{021} - m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(10)}m_{102}^{(10)}m_{021}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(10)}m_{102}^{(11)}m_{012} - m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{102}^{(10)}m_{012} + m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{102}^{(10)}m_{021}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(00)}m_{030}^{(22)}m_{012} - m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{030}^{(20)}m_{012} - m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(00)}m_{021}^{(22)}m_{021}\\
&-2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(00)}m_{021}^{(21)}m_{012} + m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(10)}m_{021}^{(10)}m_{003} - m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{021}^{(00)}m_{003}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(10)}(m_{021}^{(20)})^2 + 2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{021}^{(00)}m_{012} + m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(00)}m_{012}^{(11)}m_{012}\\
&-m_{000}^{(00)}m_{001}^{(10)}(m_{012}^{(10)})^2 + m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(10)}m_{210}^{(21)}m_{003} + m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(11)}m_{210}^{(22)}m_{102}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(11)}m_{210}^{(20)}m_{003} + m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{210}^{(22)}m_{021} - 2m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{210}^{(21)}m_{012}\\
&-2m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{210}^{(22)}m_{111} - m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{210}^{(21)}m_{102} + 2m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{210}^{(20)}m_{012}\\
&+2m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{210}^{(21)}m_{111} - m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{210}^{(20)}m_{021} - m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(10)}m_{201}^{(21)}m_{012}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{201}^{(11)}m_{012} + m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{201}^{(21)}m_{111} - m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{201}^{(11)}m_{111}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{120}^{(00)}m_{012}^{(22)} + m_{000}^{(00)}m_{001}^{(11)}m_{120}^{(20)}m_{111}^{(22)} + m_{000}^{(00)}m_{001}^{(11)}m_{120}^{(20)}m_{012}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{120}^{(22)}m_{111}^{(20)} + 2m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(00)}m_{012}^{(21)} - m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(10)}m_{102}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(10)}m_{003}^{(10)} + m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(11)}m_{003}^{(00)} - m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(20)}m_{021}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(21)}m_{102}^{(10)} - 2m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(21)}m_{012}^{(00)} + m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(22)}m_{021}^{(00)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{102}^{(00)}m_{012}^{(11)} + m_{000}^{(00)}m_{001}^{(11)}m_{102}^{(10)}m_{012}^{(10)} + m_{000}^{(00)}m_{001}^{(20)}m_{210}^{(11)}m_{021}^{(22)}\\
&-m_{000}^{(00)}m_{001}^{(20)}m_{210}^{(21)}m_{030}^{(22)} - m_{000}^{(00)}m_{001}^{(20)}m_{210}^{(21)}m_{021}^{(21)} + m_{000}^{(00)}m_{001}^{(20)}m_{210}^{(22)}m_{030}^{(21)}
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&-m_{000}^{(00)}m_{001}^{(20)}m_{201}^{(11)}m_{021}^{(21)} + m_{000}^{(00)}m_{001}^{(20)}m_{201}^{(21)}m_{030}^{(21)} + m_{000}^{(00)}m_{001}^{(20)}m_{201}^{(21)}m_{021}^{(11)}\\
&-m_{000}^{(00)}m_{001}^{(20)}m_{201}^{(22)}m_{030}^{(11)} - m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(10)}m_{021}^{(22)} + m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(10)}m_{003}^{(11)}\\
&-m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(11)}m_{111}^{(22)} + m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(11)}m_{102}^{(21)} - m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(11)}m_{012}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(11)}m_{003}^{(10)} + 2m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(20)}m_{030}^{(22)} - m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(20)}m_{021}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(20)}m_{012}^{(11)} - m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(21)}m_{102}^{(11)} + 3m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(21)}m_{021}^{(20)}\\
&+2m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(21)}m_{012}^{(10)} + m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(22)}m_{111}^{(11)} - 2m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(22)}m_{030}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(22)}m_{021}^{(10)} - m_{000}^{(00)}m_{001}^{(20)}m_{111}^{(10)}m_{030}^{(22)} + 3m_{000}^{(00)}m_{001}^{(20)}m_{111}^{(10)}m_{021}^{(21)}\\
&-2m_{000}^{(00)}m_{001}^{(20)}m_{111}^{(10)}m_{012}^{(11)} - m_{000}^{(00)}m_{001}^{(20)}m_{111}^{(11)}m_{021}^{(20)} + 2m_{000}^{(00)}m_{001}^{(20)}m_{111}^{(11)}m_{012}^{(10)}\\
&-3m_{000}^{(00)}m_{001}^{(20)}m_{111}^{(20)}m_{030}^{(21)} + 3m_{000}^{(00)}m_{001}^{(20)}m_{111}^{(20)}m_{021}^{(11)} + m_{000}^{(00)}m_{001}^{(20)}m_{111}^{(21)}m_{030}^{(20)}\\
&-5m_{000}^{(00)}m_{001}^{(20)}m_{111}^{(21)}m_{021}^{(10)} + 3m_{000}^{(00)}m_{001}^{(20)}m_{111}^{(22)}m_{030}^{(10)} + m_{000}^{(00)}m_{001}^{(20)}m_{102}^{(10)}m_{030}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(20)}m_{102}^{(10)}m_{021}^{(11)} + m_{000}^{(00)}m_{001}^{(20)}m_{102}^{(11)}m_{021}^{(10)} - m_{000}^{(00)}m_{001}^{(20)}m_{102}^{(21)}m_{030}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(20)}m_{030}^{(00)}m_{021}^{(22)} + m_{000}^{(00)}m_{001}^{(20)}m_{030}^{(10)}m_{012}^{(20)} - m_{000}^{(00)}m_{001}^{(20)}m_{030}^{(10)}m_{003}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{030}^{(11)}m_{003}^{(00)} + m_{000}^{(00)}m_{001}^{(20)}m_{030}^{(20)}m_{012}^{(10)} - 2m_{000}^{(00)}m_{001}^{(20)}m_{030}^{(21)}m_{012}^{(00)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{030}^{(22)}m_{021}^{(00)} + 2m_{000}^{(00)}m_{001}^{(20)}m_{021}^{(00)}m_{021}^{(21)} - 2m_{000}^{(00)}m_{001}^{(20)}m_{021}^{(10)}m_{021}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{021}^{(10)}m_{012}^{(10)} - m_{000}^{(00)}m_{001}^{(20)}m_{021}^{(11)}m_{012}^{(00)} - m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(10)}m_{021}^{(22)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(10)}m_{003}^{(11)} - m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(11)}m_{102}^{(21)} + m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(11)}m_{012}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(11)}m_{003}^{(10)} - m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(20)}m_{030}^{(22)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(20)}m_{021}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(20)}m_{012}^{(11)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(21)}m_{120}^{(22)} + m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(21)}m_{111}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(21)}m_{102}^{(11)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(21)}m_{021}^{(20)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(21)}m_{012}^{(10)}\\
&-2m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(22)}m_{120}^{(21)} - m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(22)}m_{111}^{(11)} + m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(22)}m_{030}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(22)}m_{021}^{(10)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(10)}m_{021}^{(21)} - m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(11)}m_{111}^{(21)}\\
&-2m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(20)}m_{021}^{(11)} - m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(21)}m_{120}^{(21)} + m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(21)}m_{111}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(22)}m_{120}^{(11)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(00)}m_{021}^{(22)} - m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(10)}m_{111}^{(22)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(10)}m_{102}^{(21)} - m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(10)}m_{012}^{(20)} + m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(10)}m_{003}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(11)}m_{003}^{(00)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(20)}m_{111}^{(21)} - m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(20)}m_{021}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(20)}m_{012}^{(10)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(21)}m_{111}^{(20)} - m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(21)}m_{102}^{(10)}\\
&+2m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(21)}m_{012}^{(00)} + m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(22)}m_{111}^{(10)} - m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(22)}m_{021}^{(00)}\\
&-4m_{000}^{(00)}m_{001}^{(21)}m_{111}^{(00)}m_{021}^{(21)} + m_{000}^{(00)}m_{001}^{(21)}m_{111}^{(10)}m_{102}^{(11)} + m_{000}^{(00)}m_{001}^{(21)}m_{111}^{(10)}m_{021}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{111}^{(10)}m_{012}^{(10)} - m_{000}^{(00)}m_{001}^{(21)}m_{111}^{(11)}m_{102}^{(10)} - m_{000}^{(00)}m_{001}^{(21)}m_{111}^{(11)}m_{012}^{(00)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{111}^{(20)}m_{030}^{(20)} + m_{000}^{(00)}m_{001}^{(21)}m_{111}^{(20)}m_{021}^{(10)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{111}^{(21)}m_{021}^{(00)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{111}^{(22)}m_{030}^{(00)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{102}^{(00)}m_{021}^{(11)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{102}^{(10)}m_{021}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(22)}m_{210}^{(10)}m_{030}^{(22)} - m_{000}^{(00)}m_{001}^{(22)}m_{210}^{(10)}m_{021}^{(21)} + m_{000}^{(00)}m_{001}^{(22)}m_{210}^{(10)}m_{012}^{(11)}\\
&-m_{000}^{(00)}m_{001}^{(22)}m_{210}^{(11)}m_{120}^{(22)} + m_{000}^{(00)}m_{001}^{(22)}m_{210}^{(11)}m_{111}^{(21)} - m_{000}^{(00)}m_{001}^{(22)}m_{210}^{(11)}m_{012}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(22)}m_{210}^{(20)}m_{021}^{(11)} - m_{000}^{(00)}m_{001}^{(22)}m_{210}^{(21)}m_{111}^{(11)} + 2m_{000}^{(00)}m_{001}^{(22)}m_{210}^{(21)}m_{021}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(22)}m_{210}^{(22)}m_{120}^{(11)} - m_{000}^{(00)}m_{001}^{(22)}m_{210}^{(22)}m_{030}^{(10)} - m_{000}^{(00)}m_{001}^{(22)}m_{201}^{(10)}m_{030}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(22)}m_{201}^{(11)}m_{120}^{(21)} + m_{000}^{(00)}m_{001}^{(22)}m_{201}^{(20)}m_{030}^{(11)} - m_{000}^{(00)}m_{001}^{(22)}m_{201}^{(21)}m_{120}^{(11)}\\
&-m_{000}^{(00)}m_{001}^{(22)}m_{120}^{(00)}m_{030}^{(22)} + m_{000}^{(00)}m_{001}^{(22)}m_{120}^{(10)}m_{111}^{(21)} - m_{000}^{(00)}m_{001}^{(22)}m_{120}^{(10)}m_{102}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(22)}m_{120}^{(10)}m_{021}^{(20)} - m_{000}^{(00)}m_{001}^{(22)}m_{120}^{(10)}m_{012}^{(10)} - m_{000}^{(00)}m_{001}^{(22)}m_{120}^{(11)}m_{111}^{(20)}
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&+m_{000}^{(00)}m_{001}^{(22)}m_{120}^{(11)}m_{102}^{(10)}+m_{000}^{(00)}m_{001}^{(22)}m_{120}^{(11)}m_{012}^{(00)}+m_{000}^{(00)}m_{001}^{(22)}m_{120}^{(20)}m_{111}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(22)}m_{120}^{(20)}m_{021}^{(10)}-m_{000}^{(00)}m_{001}^{(22)}m_{120}^{(21)}m_{111}^{(10)}-2m_{000}^{(00)}m_{001}^{(22)}m_{120}^{(21)}m_{021}^{(00)}\\
&+m_{000}^{(00)}m_{001}^{(22)}m_{120}^{(22)}m_{030}^{(00)}+2m_{000}^{(00)}m_{001}^{(22)}m_{111}^{(00)}m_{030}^{(21)}-m_{000}^{(00)}m_{001}^{(22)}m_{111}^{(10)}m_{030}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(22)}m_{111}^{(20)}m_{030}^{(10)}-m_{000}^{(00)}m_{001}^{(22)}m_{102}^{(00)}m_{030}^{(11)}+m_{000}^{(00)}m_{001}^{(22)}m_{102}^{(10)}m_{030}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(00)}m_{120}^{(11)}m_{003}^{(22)}-m_{000}^{(10)}m_{100}^{(00)}m_{120}^{(21)}m_{012}^{(22)}-m_{000}^{(10)}m_{100}^{(00)}m_{120}^{(21)}m_{003}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(00)}m_{120}^{(22)}m_{012}^{(21)}-m_{000}^{(10)}m_{100}^{(00)}m_{111}^{(11)}m_{012}^{(22)}-m_{000}^{(10)}m_{100}^{(00)}m_{111}^{(11)}m_{003}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(00)}m_{111}^{(21)}m_{021}^{(22)}+2m_{000}^{(10)}m_{100}^{(00)}m_{111}^{(21)}m_{012}^{(21)}+m_{000}^{(10)}m_{100}^{(00)}m_{111}^{(21)}m_{003}^{(11)}\\
&-m_{000}^{(10)}m_{100}^{(00)}m_{111}^{(22)}m_{021}^{(21)}-m_{000}^{(10)}m_{100}^{(00)}m_{111}^{(22)}m_{012}^{(11)}+m_{000}^{(10)}m_{100}^{(00)}m_{102}^{(11)}m_{012}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(00)}m_{102}^{(21)}m_{021}^{(21)}-m_{000}^{(10)}m_{100}^{(00)}m_{102}^{(21)}m_{012}^{(11)}+m_{000}^{(10)}m_{100}^{(00)}m_{102}^{(22)}m_{021}^{(11)}\\
&-m_{000}^{(10)}m_{100}^{(00)}m_{030}^{(10)}m_{003}^{(22)}+m_{000}^{(10)}m_{100}^{(00)}m_{030}^{(20)}m_{012}^{(22)}+m_{000}^{(10)}m_{100}^{(00)}m_{030}^{(21)}m_{003}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(00)}m_{030}^{(22)}m_{012}^{(20)}+3m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(10)}m_{003}^{(21)}-2m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(11)}m_{003}^{(20)}\\
&-3m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(20)}m_{012}^{(21)}+2m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(21)}m_{012}^{(20)}-m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(21)}m_{003}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(22)}m_{012}^{(10)}-2m_{000}^{(10)}m_{100}^{(00)}m_{012}^{(10)}m_{012}^{(21)}-2m_{000}^{(10)}m_{100}^{(00)}m_{012}^{(10)}m_{003}^{(11)}\\
&+2m_{000}^{(10)}m_{100}^{(00)}m_{012}^{(11)}m_{012}^{(20)}+2m_{000}^{(10)}m_{100}^{(00)}m_{012}^{(11)}m_{003}^{(10)}-m_{000}^{(10)}m_{100}^{(10)}m_{210}^{(11)}m_{003}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{210}^{(21)}m_{012}^{(22)}+m_{000}^{(10)}m_{100}^{(10)}m_{210}^{(21)}m_{003}^{(21)}-m_{000}^{(10)}m_{100}^{(10)}m_{210}^{(22)}m_{012}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{201}^{(11)}m_{003}^{(21)}-m_{000}^{(10)}m_{100}^{(10)}m_{201}^{(21)}m_{012}^{(21)}-m_{000}^{(10)}m_{100}^{(10)}m_{201}^{(21)}m_{003}^{(11)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{201}^{(22)}m_{012}^{(11)}-m_{000}^{(10)}m_{100}^{(10)}m_{120}^{(20)}m_{012}^{(22)}+m_{000}^{(10)}m_{100}^{(10)}m_{120}^{(20)}m_{003}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{120}^{(21)}m_{102}^{(22)}-m_{000}^{(10)}m_{100}^{(10)}m_{120}^{(21)}m_{003}^{(20)}-m_{000}^{(10)}m_{100}^{(10)}m_{120}^{(22)}m_{102}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{120}^{(22)}m_{012}^{(20)}+3m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(10)}m_{012}^{(22)}-3m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(10)}m_{003}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(22)}m_{102}^{(11)}+3m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(11)}m_{003}^{(20)}-2m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(20)}m_{021}^{(22)}\\
&+3m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(20)}m_{012}^{(21)}-m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(20)}m_{003}^{(11)}-5m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(21)}m_{012}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(21)}m_{003}^{(10)}+m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(22)}m_{102}^{(11)}+2m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(22)}m_{021}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(22)}m_{012}^{(10)}-m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(22)}m_{021}^{(10)}-m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(21)}m_{012}^{(10)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(10)}m_{003}^{(11)}-m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(11)}m_{012}^{(20)}-2m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(11)}m_{003}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(20)}m_{030}^{(22)}-m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(20)}m_{012}^{(11)}+2m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(21)}m_{021}^{(20)}\\
&+3m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(21)}m_{012}^{(10)}-m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(22)}m_{030}^{(20)}-m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(22)}m_{021}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{030}^{(00)}m_{003}^{(22)}-m_{000}^{(10)}m_{100}^{(10)}m_{030}^{(20)}m_{003}^{(20)}-m_{000}^{(10)}m_{100}^{(10)}m_{021}^{(00)}m_{012}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{021}^{(00)}m_{003}^{(21)}+m_{000}^{(10)}m_{100}^{(10)}m_{021}^{(10)}m_{003}^{(20)}+m_{000}^{(10)}m_{100}^{(10)}m_{021}^{(20)}m_{012}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{021}^{(20)}m_{003}^{(10)}+2m_{000}^{(10)}m_{100}^{(10)}m_{012}^{(00)}m_{012}^{(21)}+m_{000}^{(10)}m_{100}^{(10)}m_{012}^{(00)}m_{003}^{(11)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{012}^{(10)}m_{012}^{(20)}-m_{000}^{(10)}m_{100}^{(10)}m_{012}^{(11)}m_{003}^{(00)}+m_{000}^{(10)}m_{100}^{(11)}m_{210}^{(10)}m_{003}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{210}^{(20)}m_{003}^{(21)}-m_{000}^{(10)}m_{100}^{(11)}m_{210}^{(21)}m_{102}^{(22)}+m_{000}^{(10)}m_{100}^{(11)}m_{210}^{(22)}m_{102}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{201}^{(10)}m_{012}^{(22)}+m_{000}^{(10)}m_{100}^{(11)}m_{201}^{(11)}m_{102}^{(22)}-m_{000}^{(10)}m_{100}^{(11)}m_{201}^{(11)}m_{003}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{201}^{(20)}m_{021}^{(22)}-m_{000}^{(10)}m_{100}^{(11)}m_{201}^{(20)}m_{012}^{(21)}+m_{000}^{(10)}m_{100}^{(11)}m_{201}^{(20)}m_{003}^{(11)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{201}^{(21)}m_{111}^{(22)}+2m_{000}^{(10)}m_{100}^{(11)}m_{201}^{(21)}m_{012}^{(20)}+m_{000}^{(10)}m_{100}^{(11)}m_{201}^{(22)}m_{111}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{201}^{(22)}m_{102}^{(11)}-m_{000}^{(10)}m_{100}^{(11)}m_{201}^{(22)}m_{021}^{(20)}-m_{000}^{(10)}m_{100}^{(11)}m_{120}^{(00)}m_{003}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{120}^{(20)}m_{102}^{(22)}+m_{000}^{(10)}m_{100}^{(11)}m_{120}^{(20)}m_{003}^{(20)}-m_{000}^{(10)}m_{100}^{(11)}m_{120}^{(22)}m_{102}^{(20)}\\
&+2m_{000}^{(10)}m_{100}^{(11)}m_{111}^{(00)}m_{003}^{(21)}-m_{000}^{(10)}m_{100}^{(11)}m_{111}^{(10)}m_{102}^{(22)}-m_{000}^{(10)}m_{100}^{(11)}m_{111}^{(10)}m_{003}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{111}^{(20)}m_{102}^{(21)}-m_{000}^{(10)}m_{100}^{(11)}m_{111}^{(20)}m_{003}^{(10)}+m_{000}^{(10)}m_{100}^{(11)}m_{111}^{(21)}m_{102}^{(20)}
\end{aligned}
$$

$$+m_{000}^{(10)}m_{100}^{(11)}m_{111}^{(22)}m_{102}^{(10)} - m_{000}^{(10)}m_{100}^{(11)}m_{102}^{(00)}m_{003}^{(11)} + m_{000}^{(10)}m_{100}^{(11)}m_{102}^{(10)}m_{012}^{(20)}$$
$$+m_{000}^{(10)}m_{100}^{(11)}m_{102}^{(11)}m_{003}^{(00)} - m_{000}^{(10)}m_{100}^{(11)}m_{102}^{(20)}m_{021}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{102}^{(20)}m_{012}^{(10)}$$
$$-2m_{000}^{(10)}m_{100}^{(11)}m_{102}^{(21)}m_{012}^{(00)} + m_{000}^{(10)}m_{100}^{(11)}m_{102}^{(22)}m_{021}^{(00)} + m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(11)}m_{210}^{(22)}m_{012}$$
$$-m_{000}^{(10)}m_{100}^{(20)}m_{210}^{(21)}m_{021}^{(22)} - m_{000}^{(10)}m_{100}^{(20)}m_{210}^{(21)}m_{012}^{(21)} + m_{000}^{(10)}m_{100}^{(20)}m_{210}^{(22)}m_{021}^{(21)}$$
$$-m_{000}^{(10)}m_{100}^{(20)}m_{201}^{(11)}m_{012}^{(21)} + m_{000}^{(10)}m_{100}^{(20)}m_{201}^{(21)}m_{021}^{(21)} + m_{000}^{(10)}m_{100}^{(20)}m_{201}^{(21)}m_{012}^{(11)}$$
$$-m_{000}^{(10)}m_{100}^{(20)}m_{201}^{(22)}m_{021}^{(11)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(11)}m_{102}^{(22)} + m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(20)}m_{021}^{(22)}$$
$$-m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(20)}m_{012}^{(21)} + m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(21)}m_{111}^{(22)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(21)}m_{102}^{(21)}$$
$$+m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(21)}m_{012}^{(20)} - m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(22)}m_{111}^{(21)} - m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(22)}m_{021}^{(20)}$$
$$-2m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(10)}m_{021}^{(22)} + m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(10)}m_{012}^{(21)} + m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(10)}m_{003}^{(11)}$$
$$+2m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(11)}m_{111}^{(22)} + 3m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(11)}m_{102}^{(21)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(11)}m_{012}^{(20)}$$
$$-m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(11)}m_{003}^{(10)} + m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(20)}m_{030}^{(22)} - m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(20)}m_{021}^{(21)}$$
$$-2m_{000}^{(10)}m_{100}^{(20)}(m_{111}^{(21)})^2 - 3m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(21)}m_{102}^{(11)} + 3m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(21)}m_{021}^{(20)}$$
$$+m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(21)}m_{012}^{(10)} - m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(22)}m_{030}^{(20)} + 3m_{000}^{(10)}m_{100}^{(20)}m_{102}^{(10)}m_{021}^{(21)}$$
$$-3m_{000}^{(10)}m_{100}^{(20)}m_{102}^{(10)}m_{012}^{(11)} + 3m_{000}^{(10)}m_{100}^{(20)}m_{102}^{(11)}m_{012}^{(10)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{102}^{(20)}m_{030}^{(21)}$$
$$+2m_{000}^{(10)}m_{100}^{(20)}m_{102}^{(20)}m_{021}^{(11)} - 5m_{000}^{(10)}m_{100}^{(20)}m_{102}^{(21)}m_{021}^{(10)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{102}^{(22)}m_{030}^{(10)}$$
$$-m_{000}^{(10)}m_{100}^{(20)}m_{030}^{(00)}m_{012}^{(22)} + m_{000}^{(10)}m_{100}^{(20)}m_{030}^{(20)}m_{012}^{(20)} + m_{000}^{(10)}m_{100}^{(20)}m_{021}^{(00)}m_{021}^{(22)}$$
$$+2m_{000}^{(10)}m_{100}^{(20)}m_{021}^{(00)}m_{012}^{(21)} - m_{000}^{(10)}m_{100}^{(20)}m_{021}^{(10)}m_{003}^{(10)} + m_{000}^{(10)}m_{100}^{(20)}m_{021}^{(11)}m_{003}^{(00)}$$
$$-m_{000}^{(10)}m_{100}^{(20)}(m_{021}^{(20)})^2 - 2m_{000}^{(10)}m_{100}^{(20)}m_{021}^{(21)}m_{012}^{(00)} - m_{000}^{(10)}m_{100}^{(20)}m_{012}^{(00)}m_{012}^{(11)}$$
$$+m_{000}^{(10)}m_{100}^{(20)}(m_{012}^{(10)})^2 - 2m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(10)}m_{012}^{(22)} + m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(11)}m_{102}^{(22)}$$
$$+2m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(20)}m_{012}^{(21)} + m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(21)}m_{111}^{(22)} - m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(21)}m_{102}^{(21)}$$
$$-m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(22)}m_{111}^{(21)} + m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(10)}m_{021}^{(22)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(10)}m_{012}^{(21)}$$
$$-m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(10)}m_{003}^{(11)} - m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(11)}m_{111}^{(22)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(11)}m_{102}^{(21)}$$
$$+m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(11)}m_{012}^{(20)} + m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(11)}m_{003}^{(10)} - m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(20)}m_{030}^{(22)}$$
$$-m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(20)}m_{012}^{(11)} + m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(21)}m_{120}^{(22)} + m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(21)}m_{111}^{(21)}$$
$$+2m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(21)}m_{102}^{(11)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(21)}m_{021}^{(20)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(21)}m_{012}^{(10)}$$
$$-m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(22)}m_{120}^{(21)} + m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(22)}m_{030}^{(20)} + m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(22)}m_{021}^{(10)}$$
$$+2m_{000}^{(10)}m_{100}^{(21)}m_{120}^{(00)}m_{012}^{(22)} - m_{000}^{(10)}m_{100}^{(21)}m_{120}^{(20)}m_{111}^{(22)} - m_{000}^{(10)}m_{100}^{(21)}m_{120}^{(20)}m_{102}^{(21)}$$
$$-2m_{000}^{(10)}m_{100}^{(21)}m_{120}^{(20)}m_{012}^{(20)} + m_{000}^{(10)}m_{100}^{(21)}m_{120}^{(21)}m_{102}^{(20)} + m_{000}^{(10)}m_{100}^{(21)}m_{120}^{(22)}m_{111}^{(20)}$$
$$-4m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(00)}m_{012}^{(21)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(10)}m_{102}^{(21)} + m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(10)}m_{012}^{(20)}$$
$$+m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(10)}m_{003}^{(10)} - m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(11)}m_{102}^{(20)} - m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(11)}m_{003}^{(00)}$$
$$+m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(20)}m_{102}^{(11)} + m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(20)}m_{021}^{(20)} + m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(20)}m_{012}^{(10)}$$
$$-2m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(21)}m_{102}^{(10)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(21)}m_{012}^{(00)} - m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(22)}m_{021}^{(00)}$$
$$+2m_{000}^{(10)}m_{100}^{(21)}m_{102}^{(00)}m_{012}^{(11)} - m_{000}^{(10)}m_{100}^{(21)}m_{102}^{(10)}m_{021}^{(20)} - m_{000}^{(10)}m_{100}^{(21)}m_{102}^{(10)}m_{012}^{(10)}$$
$$-m_{000}^{(10)}m_{100}^{(21)}m_{102}^{(11)}m_{012}^{(00)} + m_{000}^{(10)}m_{100}^{(21)}m_{102}^{(20)}m_{030}^{(20)} - m_{000}^{(10)}m_{100}^{(21)}m_{102}^{(20)}m_{021}^{(10)}$$
$$+2m_{000}^{(10)}m_{100}^{(21)}m_{102}^{(21)}m_{021}^{(00)} - m_{000}^{(10)}m_{100}^{(21)}m_{102}^{(22)}m_{030}^{(00)} + m_{000}^{(10)}m_{100}^{(22)}m_{100}^{(10)}m_{210}^{(22)}m_{021}$$
$$-m_{000}^{(10)}m_{100}^{(22)}m_{210}^{(11)}m_{111}^{(22)} - m_{000}^{(10)}m_{100}^{(22)}m_{210}^{(20)}m_{021}^{(21)} + m_{000}^{(10)}m_{100}^{(22)}m_{210}^{(21)}m_{111}^{(21)}$$
$$-2m_{000}^{(10)}m_{100}^{(22)}m_{201}^{(10)}m_{021}^{(21)} + m_{000}^{(10)}m_{100}^{(22)}m_{201}^{(10)}m_{012}^{(11)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{201}^{(11)}m_{111}^{(21)}$$
$$-m_{000}^{(10)}m_{100}^{(22)}m_{201}^{(11)}m_{012}^{(10)} + m_{000}^{(10)}m_{100}^{(22)}m_{201}^{(20)}m_{030}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{201}^{(21)}m_{120}^{(21)}$$

$$
\begin{aligned}
&-2m_{000}^{(10)}m_{100}^{(22)}m_{201}^{(21)}m_{111}^{(11)}+2m_{000}^{(10)}m_{100}^{(22)}m_{201}^{(21)}m_{021}^{(10)}+m_{000}^{(10)}m_{100}^{(22)}m_{201}^{(22)}m_{120}^{(11)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{201}^{(22)}m_{030}^{(10)}-m_{000}^{(10)}m_{100}^{(22)}m_{120}^{(00)}m_{021}^{(22)}+m_{000}^{(10)}m_{100}^{(22)}m_{120}^{(20)}m_{111}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{120}^{(20)}m_{021}^{(20)}-m_{000}^{(10)}m_{100}^{(22)}m_{120}^{(21)}m_{111}^{(20)}+2m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(00)}m_{021}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(10)}m_{102}^{(11)}-m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(10)}m_{012}^{(10)}+m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(11)}m_{102}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(11)}m_{012}^{(00)}-m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(20)}m_{030}^{(20)}-2m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(21)}m_{021}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(22)}m_{030}^{(00)}-m_{000}^{(10)}m_{100}^{(22)}m_{102}^{(00)}m_{021}^{(11)}+m_{000}^{(10)}m_{100}^{(22)}m_{102}^{(10)}m_{021}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{210}^{(11)}m_{003}^{(22)}-m_{000}^{(10)}m_{010}^{(00)}m_{210}^{(21)}m_{012}^{(22)}-m_{000}^{(10)}m_{010}^{(00)}m_{210}^{(21)}m_{003}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{210}^{(22)}m_{012}^{(21)}-m_{000}^{(10)}m_{010}^{(00)}m_{201}^{(11)}m_{012}^{(22)}+m_{000}^{(10)}m_{010}^{(00)}m_{201}^{(21)}m_{021}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{201}^{(21)}m_{012}^{(21)}-m_{000}^{(10)}m_{010}^{(00)}m_{201}^{(22)}m_{021}^{(21)}-m_{000}^{(10)}m_{010}^{(00)}m_{120}^{(10)}m_{003}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{120}^{(20)}m_{012}^{(22)}+m_{000}^{(10)}m_{010}^{(00)}m_{120}^{(21)}m_{003}^{(20)}-m_{000}^{(10)}m_{010}^{(00)}m_{120}^{(22)}m_{012}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{111}^{(10)}m_{012}^{(22)}+m_{000}^{(10)}m_{010}^{(00)}m_{111}^{(10)}m_{003}^{(21)}-2m_{000}^{(10)}m_{010}^{(00)}m_{111}^{(11)}m_{003}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(00)}m_{111}^{(20)}m_{021}^{(22)}-m_{000}^{(10)}m_{010}^{(00)}m_{111}^{(20)}m_{012}^{(21)}+m_{000}^{(10)}m_{010}^{(00)}m_{111}^{(21)}m_{012}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{111}^{(21)}m_{003}^{(10)}+m_{000}^{(10)}m_{010}^{(00)}m_{111}^{(22)}m_{021}^{(20)}-m_{000}^{(10)}m_{010}^{(00)}m_{111}^{(22)}m_{012}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(00)}m_{102}^{(10)}m_{012}^{(21)}+2m_{000}^{(10)}m_{010}^{(00)}m_{102}^{(11)}m_{012}^{(20)}+m_{000}^{(10)}m_{010}^{(00)}m_{102}^{(20)}m_{021}^{(21)}\\
&-2m_{000}^{(10)}m_{010}^{(00)}m_{102}^{(21)}m_{021}^{(20)}-m_{000}^{(10)}m_{010}^{(00)}m_{102}^{(21)}m_{012}^{(10)}+m_{000}^{(10)}m_{010}^{(00)}m_{102}^{(22)}m_{021}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(00)}m_{021}^{(00)}m_{012}^{(22)}+m_{000}^{(10)}m_{010}^{(00)}m_{021}^{(00)}m_{003}^{(21)}-m_{000}^{(10)}m_{010}^{(00)}m_{021}^{(21)}m_{003}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{021}^{(22)}m_{012}^{(00)}-m_{000}^{(10)}m_{010}^{(00)}m_{012}^{(00)}m_{003}^{(11)}+m_{000}^{(10)}m_{010}^{(00)}m_{012}^{(11)}m_{003}^{(00)}\\
&-m_{000}^{(10)}m_{010}^{(10)}m_{300}^{(11)}m_{003}^{(22)}+m_{000}^{(10)}m_{010}^{(10)}m_{300}^{(21)}m_{012}^{(22)}+m_{000}^{(10)}m_{010}^{(10)}m_{300}^{(21)}m_{003}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(10)}m_{300}^{(22)}m_{012}^{(21)}-m_{000}^{(10)}m_{010}^{(10)}m_{210}^{(20)}m_{012}^{(22)}+m_{000}^{(10)}m_{010}^{(10)}m_{210}^{(20)}m_{003}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(10)}m_{210}^{(21)}m_{102}^{(22)}-m_{000}^{(10)}m_{010}^{(10)}m_{210}^{(21)}m_{003}^{(20)}-m_{000}^{(10)}m_{010}^{(10)}m_{210}^{(22)}m_{102}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(10)}m_{210}^{(22)}m_{012}^{(20)}+m_{000}^{(10)}m_{010}^{(10)}m_{201}^{(10)}m_{012}^{(22)}-m_{000}^{(10)}m_{010}^{(10)}m_{201}^{(10)}m_{003}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(10)}m_{201}^{(11)}m_{102}^{(22)}+2m_{000}^{(10)}m_{010}^{(10)}m_{201}^{(11)}m_{003}^{(20)}-2m_{000}^{(10)}m_{010}^{(10)}m_{201}^{(21)}m_{111}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(10)}m_{201}^{(21)}m_{102}^{(21)}-2m_{000}^{(10)}m_{010}^{(10)}m_{201}^{(21)}m_{012}^{(20)}-m_{000}^{(10)}m_{010}^{(10)}m_{201}^{(21)}m_{003}^{(10)}\\
&+2m_{000}^{(10)}m_{010}^{(10)}m_{201}^{(22)}m_{111}^{(21)}+m_{000}^{(10)}m_{010}^{(10)}m_{201}^{(22)}m_{012}^{(10)}+m_{000}^{(10)}m_{010}^{(10)}m_{120}^{(00)}m_{003}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(10)}m_{120}^{(20)}m_{102}^{(22)}-m_{000}^{(10)}m_{010}^{(10)}m_{120}^{(20)}m_{003}^{(20)}+m_{000}^{(10)}m_{010}^{(10)}m_{120}^{(22)}m_{102}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(10)}m_{111}^{(00)}m_{012}^{(22)}-3m_{000}^{(10)}m_{010}^{(10)}m_{111}^{(00)}m_{003}^{(21)}-3m_{000}^{(10)}m_{010}^{(10)}m_{111}^{(10)}m_{102}^{(22)}\\
&+3m_{000}^{(10)}m_{010}^{(10)}m_{111}^{(10)}m_{003}^{(20)}+5m_{000}^{(10)}m_{010}^{(10)}m_{111}^{(20)}m_{102}^{(21)}-m_{000}^{(10)}m_{010}^{(10)}m_{111}^{(20)}m_{003}^{(10)}\\
&-3m_{000}^{(10)}m_{010}^{(10)}m_{111}^{(21)}m_{102}^{(20)}+m_{000}^{(10)}m_{010}^{(10)}m_{111}^{(21)}m_{003}^{(00)}+m_{000}^{(10)}m_{010}^{(10)}m_{111}^{(22)}m_{102}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(10)}m_{111}^{(22)}m_{012}^{(00)}-m_{000}^{(10)}m_{010}^{(10)}m_{102}^{(00)}m_{021}^{(22)}+m_{000}^{(10)}m_{010}^{(10)}m_{102}^{(00)}m_{012}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(10)}m_{102}^{(00)}m_{003}^{(11)}+2m_{000}^{(10)}m_{010}^{(10)}m_{102}^{(10)}m_{102}^{(21)}-3m_{000}^{(10)}m_{010}^{(10)}m_{102}^{(10)}m_{012}^{(20)}\\
&-2m_{000}^{(10)}m_{010}^{(10)}m_{102}^{(11)}m_{102}^{(20)}-m_{000}^{(10)}m_{010}^{(10)}m_{102}^{(11)}m_{003}^{(00)}+m_{000}^{(10)}m_{010}^{(10)}m_{102}^{(20)}m_{021}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(10)}m_{102}^{(20)}m_{012}^{(10)}+m_{000}^{(10)}m_{010}^{(10)}m_{102}^{(21)}m_{012}^{(00)}-m_{000}^{(10)}m_{010}^{(10)}m_{021}^{(00)}m_{003}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(10)}m_{021}^{(20)}m_{003}^{(00)}+2m_{000}^{(10)}m_{010}^{(10)}m_{012}^{(00)}m_{003}^{(10)}-2m_{000}^{(10)}m_{010}^{(10)}m_{012}^{(10)}m_{003}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(11)}m_{300}^{(10)}m_{003}^{(22)}-m_{000}^{(10)}m_{010}^{(11)}m_{300}^{(20)}m_{003}^{(21)}-m_{000}^{(10)}m_{010}^{(11)}m_{300}^{(21)}m_{102}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(11)}m_{300}^{(22)}m_{102}^{(21)}-m_{000}^{(10)}m_{010}^{(11)}m_{210}^{(00)}m_{003}^{(22)}+m_{000}^{(10)}m_{010}^{(11)}m_{210}^{(20)}m_{102}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(11)}m_{210}^{(20)}m_{003}^{(20)}-m_{000}^{(10)}m_{010}^{(11)}m_{210}^{(22)}m_{102}^{(20)}-m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(00)}m_{012}^{(22)}\\
&+2m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(00)}m_{003}^{(21)}-3m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(10)}m_{003}^{(20)}+m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(20)}m_{111}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(20)}m_{102}^{(21)}+m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(20)}m_{012}^{(20)}+m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(20)}m_{003}^{(10)}
\end{aligned}
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\begin{aligned}
&+3m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(21)}m_{102}^{(20)} - m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(22)}m_{111}^{(20)} - m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(22)}m_{102}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(11)}m_{111}^{(00)}m_{102}^{(22)} + m_{000}^{(10)}m_{010}^{(11)}m_{111}^{(00)}m_{003}^{(20)} - 2m_{000}^{(10)}m_{010}^{(11)}m_{111}^{(20)}m_{102}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(11)}m_{111}^{(20)}m_{003}^{(00)} + m_{000}^{(10)}m_{010}^{(11)}m_{111}^{(22)}m_{102}^{(00)} - 2m_{000}^{(10)}m_{010}^{(11)}m_{102}^{(00)}m_{102}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(11)}m_{102}^{(00)}m_{012}^{(20)} - 2m_{000}^{(10)}m_{010}^{(11)}m_{102}^{(00)}m_{003}^{(10)} + 2m_{000}^{(10)}m_{010}^{(11)}m_{102}^{(10)}m_{102}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(11)}m_{102}^{(10)}m_{003}^{(00)} - m_{000}^{(10)}m_{010}^{(11)}m_{102}^{(20)}m_{012}^{(00)} + m_{000}^{(10)}m_{010}^{(20)}m_{300}^{(11)}m_{012}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{300}^{(21)}m_{021}^{(22)} - m_{000}^{(10)}m_{010}^{(20)}m_{300}^{(21)}m_{012}^{(21)} + m_{000}^{(10)}m_{010}^{(20)}m_{300}^{(22)}m_{021}^{(21)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{210}^{(11)}m_{102}^{(22)} + m_{000}^{(10)}m_{010}^{(20)}m_{210}^{(20)}m_{021}^{(22)} - m_{000}^{(10)}m_{010}^{(20)}m_{210}^{(20)}m_{012}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{210}^{(21)}m_{111}^{(22)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{210}^{(21)}m_{102}^{(21)} + m_{000}^{(10)}m_{010}^{(20)}m_{210}^{(21)}m_{012}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{210}^{(22)}m_{111}^{(21)} - m_{000}^{(10)}m_{010}^{(20)}m_{210}^{(22)}m_{021}^{(20)} - m_{000}^{(10)}m_{010}^{(20)}m_{201}^{(10)}m_{021}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{201}^{(10)}m_{012}^{(21)} + m_{000}^{(10)}m_{010}^{(20)}m_{201}^{(11)}m_{111}^{(22)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{201}^{(11)}m_{012}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{201}^{(21)}m_{111}^{(21)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{201}^{(21)}m_{021}^{(20)} + m_{000}^{(10)}m_{010}^{(20)}m_{201}^{(21)}m_{012}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{201}^{(22)}m_{021}^{(10)} - m_{000}^{(10)}m_{010}^{(20)}m_{120}^{(00)}m_{012}^{(22)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{120}^{(10)}m_{102}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{120}^{(20)}m_{111}^{(22)} + m_{000}^{(10)}m_{010}^{(20)}m_{120}^{(20)}m_{012}^{(20)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{120}^{(21)}m_{102}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{120}^{(22)}m_{111}^{(20)} + m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(00)}m_{012}^{(21)} + m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(00)}m_{003}^{(11)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(10)}m_{102}^{(21)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(10)}m_{012}^{(20)} - m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(10)}m_{003}^{(10)}\\
&+4m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(11)}m_{102}^{(20)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(20)}m_{102}^{(11)} - m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(20)}m_{021}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(20)}m_{012}^{(10)} - m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(21)}m_{102}^{(10)} - m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(21)}m_{012}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(22)}m_{021}^{(00)} + m_{000}^{(10)}m_{010}^{(20)}m_{102}^{(00)}m_{021}^{(21)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{102}^{(00)}m_{012}^{(11)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{102}^{(10)}m_{021}^{(20)} + m_{000}^{(10)}m_{010}^{(20)}m_{102}^{(10)}m_{012}^{(10)} + m_{000}^{(10)}m_{010}^{(20)}m_{102}^{(11)}m_{012}^{(00)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{102}^{(20)}m_{021}^{(10)} - m_{000}^{(10)}m_{010}^{(20)}m_{102}^{(21)}m_{021}^{(00)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{021}^{(00)}m_{012}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{021}^{(00)}m_{003}^{(10)} + m_{000}^{(10)}m_{010}^{(20)}m_{021}^{(10)}m_{003}^{(00)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{021}^{(20)}m_{012}^{(00)}\\
&-2m_{000}^{(10)}m_{010}^{(21)}m_{300}^{(10)}m_{012}^{(22)} + m_{000}^{(10)}m_{010}^{(21)}m_{300}^{(11)}m_{102}^{(22)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{300}^{(20)}m_{012}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{300}^{(21)}m_{111}^{(22)} - m_{000}^{(10)}m_{010}^{(21)}m_{300}^{(21)}m_{102}^{(21)} - m_{000}^{(10)}m_{010}^{(21)}m_{300}^{(22)}m_{111}^{(21)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{210}^{(00)}m_{012}^{(22)} - m_{000}^{(10)}m_{010}^{(21)}m_{210}^{(20)}m_{111}^{(22)} - m_{000}^{(10)}m_{010}^{(21)}m_{210}^{(20)}m_{102}^{(21)}\\
&-2m_{000}^{(10)}m_{010}^{(21)}m_{210}^{(20)}m_{012}^{(20)} - m_{000}^{(10)}m_{010}^{(21)}m_{210}^{(21)}m_{201}^{(22)} + m_{000}^{(10)}m_{010}^{(21)}m_{210}^{(21)}m_{102}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{210}^{(22)}m_{201}^{(21)} + m_{000}^{(10)}m_{010}^{(21)}m_{210}^{(22)}m_{111}^{(20)} + m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(00)}m_{021}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(00)}m_{012}^{(21)} - m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(00)}m_{003}^{(11)} + 5m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(10)}m_{012}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(10)}m_{003}^{(10)} - m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(11)}m_{201}^{(22)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(11)}m_{102}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(20)}m_{120}^{(22)} + m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(20)}m_{111}^{(21)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(20)}m_{102}^{(11)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(20)}m_{021}^{(20)} - 3m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(20)}m_{012}^{(10)} + m_{000}^{(10)}m_{010}^{(21)}(m_{201}^{(21)})^2\\
&-3m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(21)}m_{111}^{(20)} + m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(22)}m_{120}^{(20)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(22)}m_{111}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{120}^{(00)}m_{102}^{(22)} + m_{000}^{(10)}m_{010}^{(21)}m_{120}^{(20)}m_{102}^{(20)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{111}^{(00)}m_{111}^{(22)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{111}^{(00)}m_{102}^{(21)} - 3m_{000}^{(10)}m_{010}^{(21)}m_{111}^{(00)}m_{012}^{(20)} + m_{000}^{(10)}m_{010}^{(21)}m_{111}^{(00)}m_{003}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{111}^{(10)}m_{102}^{(20)} - m_{000}^{(10)}m_{010}^{(21)}m_{111}^{(10)}m_{003}^{(00)} + 2m_{000}^{(10)}m_{010}^{(21)}(m_{111}^{(20)})^2\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{111}^{(20)}m_{102}^{(10)} + 3m_{000}^{(10)}m_{010}^{(21)}m_{111}^{(20)}m_{012}^{(00)} + m_{000}^{(10)}m_{010}^{(21)}m_{102}^{(00)}m_{102}^{(11)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{102}^{(00)}m_{021}^{(20)} + 3m_{000}^{(10)}m_{010}^{(21)}m_{102}^{(00)}m_{012}^{(10)} - m_{000}^{(10)}m_{010}^{(21)}(m_{102}^{(10)})^2\\
&-3m_{000}^{(10)}m_{010}^{(21)}m_{102}^{(10)}m_{012}^{(00)} + m_{000}^{(10)}m_{010}^{(21)}m_{102}^{(20)}m_{021}^{(00)} + m_{000}^{(10)}m_{010}^{(22)}m_{300}^{(10)}m_{021}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{300}^{(11)}m_{111}^{(22)} - m_{000}^{(10)}m_{010}^{(22)}m_{300}^{(20)}m_{021}^{(21)} + m_{000}^{(10)}m_{010}^{(22)}m_{300}^{(21)}m_{111}^{(21)}
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&-m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(00)}m_{021}^{(22)}+m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(11)}m_{201}^{(22)}+m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(20)}m_{111}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(20)}m_{021}^{(20)}-m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(21)}m_{201}^{(21)}-m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(21)}m_{111}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(00)}m_{012}^{(11)}-2m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(10)}m_{021}^{(20)}-m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(10)}m_{012}^{(10)}\\
&+2m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(11)}m_{111}^{(20)}+m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(20)}m_{120}^{(21)}-2m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(20)}m_{111}^{(11)}\\
&+2m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(20)}m_{021}^{(10)}-m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(22)}m_{120}^{(10)}+m_{000}^{(10)}m_{010}^{(22)}m_{120}^{(00)}m_{111}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{120}^{(20)}m_{111}^{(20)}-m_{000}^{(10)}m_{010}^{(22)}m_{111}^{(00)}m_{102}^{(11)}+2m_{000}^{(10)}m_{010}^{(22)}m_{111}^{(00)}m_{021}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{111}^{(00)}m_{012}^{(10)}+m_{000}^{(10)}m_{010}^{(22)}m_{111}^{(10)}m_{102}^{(10)}+m_{000}^{(10)}m_{010}^{(22)}m_{111}^{(10)}m_{012}^{(00)}\\
&-2m_{000}^{(10)}m_{010}^{(22)}m_{111}^{(20)}m_{021}^{(00)}-m_{000}^{(10)}m_{010}^{(22)}m_{102}^{(00)}m_{021}^{(10)}+m_{000}^{(10)}m_{010}^{(22)}m_{102}^{(10)}m_{021}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{210}^{(11)}m_{012}^{(22)}+m_{000}^{(10)}m_{001}^{(00)}m_{210}^{(21)}m_{021}^{(22)}+m_{000}^{(10)}m_{001}^{(00)}m_{210}^{(21)}m_{012}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{210}^{(22)}m_{021}^{(21)}+m_{000}^{(10)}m_{001}^{(00)}m_{201}^{(11)}m_{021}^{(22)}-m_{000}^{(10)}m_{001}^{(00)}m_{201}^{(21)}m_{030}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{201}^{(21)}m_{021}^{(21)}+m_{000}^{(10)}m_{001}^{(00)}m_{201}^{(22)}m_{030}^{(21)}+2m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(10)}m_{012}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(10)}m_{003}^{(21)}-2m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(11)}m_{102}^{(22)}+m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(11)}m_{003}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(20)}m_{021}^{(22)}+m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(20)}m_{012}^{(21)}+2m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(21)}m_{111}^{(22)}\\
&+2m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(21)}m_{102}^{(21)}-3m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(21)}m_{012}^{(20)}-2m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(22)}m_{111}^{(21)}\\
&+2m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(22)}m_{021}^{(20)}-2m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(10)}m_{021}^{(22)}-m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(10)}m_{012}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(10)}m_{003}^{(11)}+2m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(11)}m_{111}^{(22)}+2m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(11)}m_{102}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(11)}m_{012}^{(20)}-m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(11)}m_{003}^{(10)}+2m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(20)}m_{030}^{(22)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(20)}m_{021}^{(21)}-m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(20)}m_{012}^{(11)}-2m_{000}^{(10)}m_{001}^{(00)}(m_{111}^{(21)})^2\\
&-2m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(21)}m_{102}^{(11)}+m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(21)}m_{021}^{(20)}+m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(21)}m_{012}^{(10)}\\
&-2m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(22)}m_{030}^{(20)}+2m_{000}^{(10)}m_{001}^{(00)}m_{102}^{(10)}m_{021}^{(21)}-m_{000}^{(10)}m_{001}^{(00)}m_{102}^{(10)}m_{012}^{(11)}\\
&-2m_{000}^{(10)}m_{001}^{(00)}m_{102}^{(11)}m_{021}^{(20)}+m_{000}^{(10)}m_{001}^{(00)}m_{102}^{(11)}m_{012}^{(10)}-2m_{000}^{(10)}m_{001}^{(00)}m_{102}^{(20)}m_{030}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{102}^{(20)}m_{021}^{(11)}+2m_{000}^{(10)}m_{001}^{(00)}m_{102}^{(21)}m_{030}^{(20)}-m_{000}^{(10)}m_{001}^{(00)}m_{102}^{(21)}m_{021}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{030}^{(00)}m_{012}^{(22)}-m_{000}^{(10)}m_{001}^{(00)}m_{030}^{(00)}m_{003}^{(21)}+m_{000}^{(10)}m_{001}^{(00)}m_{030}^{(10)}m_{003}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{030}^{(20)}m_{012}^{(20)}-m_{000}^{(10)}m_{001}^{(00)}m_{021}^{(00)}m_{021}^{(22)}+m_{000}^{(10)}m_{001}^{(00)}m_{021}^{(00)}m_{003}^{(11)}\\
&-2m_{000}^{(10)}m_{001}^{(00)}m_{021}^{(10)}m_{012}^{(20)}-m_{000}^{(10)}m_{001}^{(00)}m_{021}^{(10)}m_{003}^{(10)}+m_{000}^{(10)}m_{001}^{(00)}(m_{021}^{(20)})^2\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{021}^{(20)}m_{012}^{(10)}+m_{000}^{(10)}m_{001}^{(00)}m_{021}^{(21)}m_{012}^{(00)}-m_{000}^{(10)}m_{001}^{(00)}m_{012}^{(00)}m_{012}^{(11)}\\
&+m_{000}^{(10)}m_{001}^{(00)}(m_{012}^{(10)})^2+m_{000}^{(10)}m_{001}^{(10)}m_{300}^{(11)}m_{012}^{(22)}-m_{000}^{(10)}m_{001}^{(10)}m_{300}^{(21)}m_{021}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{300}^{(21)}m_{012}^{(21)}+m_{000}^{(10)}m_{001}^{(10)}m_{300}^{(22)}m_{021}^{(21)}-2m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(10)}m_{012}^{(22)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(10)}m_{003}^{(21)}+3m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(11)}m_{102}^{(22)}-2m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(11)}m_{003}^{(20)}\\
&+3m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(20)}m_{021}^{(22)}-3m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(20)}m_{012}^{(21)}-4m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(21)}m_{111}^{(22)}\\
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&-3m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(22)}m_{021}^{(20)}+m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(10)}m_{012}^{(21)}-m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(10)}m_{003}^{(11)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(11)}m_{111}^{(22)}-2m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(11)}m_{102}^{(21)}-m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(11)}m_{012}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(11)}m_{003}^{(10)}-m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(20)}m_{030}^{(22)}+m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(20)}m_{012}^{(11)}\\
&+3m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(21)}m_{120}^{(22)}+4m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(21)}m_{111}^{(21)}+2m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(21)}m_{102}^{(11)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(21)}m_{012}^{(10)}-3m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(22)}m_{120}^{(21)}-2m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(22)}m_{111}^{(11)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(22)}m_{030}^{(20)}-3m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(00)}m_{012}^{(22)}+2m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(00)}m_{003}^{(21)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(10)}m_{102}^{(22)}-2m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(10)}m_{003}^{(20)}+4m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(20)}m_{111}^{(22)}
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&-5m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(20)}m_{102}^{(21)}+3m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(20)}m_{012}^{(20)}+3m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(21)}m_{102}^{(20)}\\
&-4m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(22)}m_{111}^{(20)}+2m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(00)}m_{021}^{(22)}+m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(00)}m_{012}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(00)}m_{003}^{(11)}-m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(10)}m_{102}^{(21)}+m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(10)}m_{012}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(11)}m_{102}^{(20)}+m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(11)}m_{003}^{(00)}+3m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(20)}m_{102}^{(11)}\\
&-4m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(20)}m_{021}^{(20)}+m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(20)}m_{012}^{(10)}-m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(21)}m_{102}^{(10)}\\
&-3m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(21)}m_{012}^{(00)}+2m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(22)}m_{021}^{(00)}-m_{000}^{(10)}m_{001}^{(10)}m_{102}^{(00)}m_{021}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{102}^{(10)}m_{021}^{(20)}+m_{000}^{(10)}m_{001}^{(10)}m_{102}^{(20)}m_{030}^{(20)}-m_{000}^{(10)}m_{001}^{(10)}m_{102}^{(20)}m_{021}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{102}^{(21)}m_{021}^{(00)}-m_{000}^{(10)}m_{001}^{(10)}m_{102}^{(22)}m_{030}^{(00)}+2m_{000}^{(10)}m_{001}^{(10)}m_{021}^{(00)}m_{012}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{021}^{(00)}m_{003}^{(10)}+m_{000}^{(10)}m_{001}^{(10)}m_{021}^{(10)}m_{003}^{(00)}-2m_{000}^{(10)}m_{001}^{(10)}m_{021}^{(20)}m_{012}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{300}^{(10)}m_{003}^{(21)}-m_{000}^{(10)}m_{001}^{(11)}m_{300}^{(11)}m_{102}^{(22)}+m_{000}^{(10)}m_{001}^{(11)}m_{300}^{(11)}m_{003}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{300}^{(20)}m_{021}^{(22)}+2m_{000}^{(10)}m_{001}^{(11)}m_{300}^{(20)}m_{012}^{(21)}+2m_{000}^{(10)}m_{001}^{(11)}m_{300}^{(21)}m_{111}^{(22)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{300}^{(21)}m_{102}^{(21)}-2m_{000}^{(10)}m_{001}^{(11)}m_{300}^{(21)}m_{012}^{(20)}-2m_{000}^{(10)}m_{001}^{(11)}m_{300}^{(22)}m_{111}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{300}^{(22)}m_{021}^{(20)}+2m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(00)}m_{012}^{(22)}-m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(00)}m_{003}^{(21)}\\
&-2m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(10)}m_{102}^{(22)}+m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(10)}m_{003}^{(20)}-2m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(20)}m_{111}^{(22)}\\
&+3m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(20)}m_{102}^{(21)}-2m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(20)}m_{012}^{(20)}+2m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(21)}m_{201}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(21)}m_{102}^{(20)}-2m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(22)}m_{201}^{(21)}+2m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(22)}m_{111}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(00)}m_{012}^{(21)}+2m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(10)}m_{102}^{(21)}+m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(10)}m_{012}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(10)}m_{003}^{(10)}+m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(11)}m_{201}^{(22)}-m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(11)}m_{003}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(20)}m_{120}^{(22)}-m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(20)}m_{111}^{(21)}-m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(20)}m_{102}^{(11)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(20)}m_{021}^{(20)}-2m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(20)}m_{012}^{(10)}-m_{000}^{(10)}m_{001}^{(11)}(m_{201}^{(21)})^2\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(21)}m_{111}^{(20)}-m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(21)}m_{102}^{(10)}+2m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(21)}m_{012}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(22)}m_{120}^{(20)}+2m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(22)}m_{111}^{(10)}-m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(22)}m_{021}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{120}^{(00)}m_{102}^{(22)}-m_{000}^{(10)}m_{001}^{(11)}m_{120}^{(20)}m_{102}^{(20)}-2m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(00)}m_{111}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(00)}m_{102}^{(21)}-2m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(00)}m_{012}^{(20)}+m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(00)}m_{003}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(10)}m_{102}^{(20)}-m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(10)}m_{003}^{(00)}+2m_{000}^{(10)}m_{001}^{(11)}(m_{111}^{(20)})^2\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(20)}m_{102}^{(10)}+2m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(20)}m_{012}^{(00)}+m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(21)}m_{102}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{102}^{(00)}m_{102}^{(11)}+m_{000}^{(10)}m_{001}^{(11)}m_{102}^{(00)}m_{012}^{(10)}-m_{000}^{(10)}m_{001}^{(11)}(m_{102}^{(10)})^2\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{102}^{(10)}m_{012}^{(00)}-m_{000}^{(10)}m_{001}^{(20)}m_{300}^{(11)}m_{021}^{(22)}+m_{000}^{(10)}m_{001}^{(20)}m_{300}^{(21)}m_{030}^{(22)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{300}^{(21)}m_{021}^{(21)}-m_{000}^{(10)}m_{001}^{(20)}m_{300}^{(22)}m_{030}^{(21)}+m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(10)}m_{021}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(10)}m_{003}^{(11)}-m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(11)}m_{102}^{(21)}+m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(11)}m_{012}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(11)}m_{003}^{(10)}-2m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(20)}m_{030}^{(22)}+m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(20)}m_{021}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(20)}m_{012}^{(11)}+m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(21)}m_{120}^{(22)}+m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(21)}m_{111}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(21)}m_{102}^{(11)}-3m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(21)}m_{021}^{(20)}-2m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(21)}m_{012}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(22)}m_{120}^{(21)}-m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(22)}m_{111}^{(11)}+2m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(22)}m_{030}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(22)}m_{021}^{(10)}+m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(10)}m_{030}^{(22)}-3m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(10)}m_{021}^{(21)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(10)}m_{012}^{(11)}-m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(11)}m_{120}^{(22)}+3m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(11)}m_{111}^{(21)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(11)}m_{021}^{(20)}-2m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(11)}m_{012}^{(10)}+2m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(20)}m_{030}^{(21)}\\
&-2m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(20)}m_{021}^{(11)}-2m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(21)}m_{120}^{(21)}-3m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(21)}m_{111}^{(11)}
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&-2m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(21)}m_{030}^{(20)} + 3m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(21)}m_{021}^{(10)} + 3m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(22)}m_{120}^{(11)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(22)}m_{030}^{(10)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(00)}m_{021}^{(22)} - m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(00)}m_{003}^{(11)}\\
&-4m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(10)}m_{111}^{(22)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(10)}m_{003}^{(10)} - m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(11)}m_{003}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(20)}m_{111}^{(21)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(20)}m_{102}^{(11)} - m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(20)}m_{021}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(20)}m_{012}^{(10)} + m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(21)}m_{111}^{(20)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(21)}m_{102}^{(10)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(21)}m_{012}^{(00)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(22)}m_{111}^{(10)} - m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(22)}m_{021}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(00)}m_{030}^{(22)} - 3m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(00)}m_{021}^{(21)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(00)}m_{012}^{(11)}\\
&+4m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(10)}m_{111}^{(21)} - m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(10)}m_{102}^{(11)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(10)}m_{021}^{(20)}\\
&-3m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(10)}m_{012}^{(10)} - 4m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(11)}m_{111}^{(20)} + m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(11)}m_{102}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(11)}m_{012}^{(00)} + m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(20)}m_{030}^{(20)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(20)}m_{021}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(21)}m_{021}^{(00)} + m_{000}^{(10)}m_{001}^{(20)}m_{102}^{(00)}m_{030}^{(21)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{102}^{(10)}m_{030}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{102}^{(10)}m_{021}^{(10)} - m_{000}^{(10)}m_{001}^{(20)}m_{102}^{(11)}m_{021}^{(00)} + m_{000}^{(10)}m_{001}^{(20)}m_{102}^{(21)}m_{030}^{(00)}\\
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&+m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(10)}m_{021}^{(22)} + m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(10)}m_{003}^{(11)} + m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(11)}m_{102}^{(21)}\\
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&+2m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(21)}m_{012}^{(10)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(22)}m_{120}^{(21)} + m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(22)}m_{111}^{(11)}\\
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&-2m_{000}^{(10)}m_{001}^{(21)}m_{102}^{(00)}m_{021}^{(10)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{102}^{(10)}m_{021}^{(00)} - m_{000}^{(10)}m_{001}^{(22)}m_{300}^{(10)}m_{030}^{(22)}\\
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&+m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(11)}m_{201}^{(21)} + m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(11)}m_{111}^{(20)} - m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(11)}m_{102}^{(10)}\\
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&-m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(21)}m_{201}^{(11)} + 2m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(21)}m_{021}^{(00)} + m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(22)}m_{120}^{(10)}\\
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&-m_{000}^{(11)}m_{100}^{(00)}m_{201}^{(21)}m_{021}^{(22)} - m_{000}^{(11)}m_{100}^{(00)}m_{201}^{(21)}m_{012}^{(21)} + m_{000}^{(11)}m_{100}^{(00)}m_{201}^{(22)}m_{021}^{(21)}\\
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&+m_{000}^{(11)}m_{100}^{(00)}m_{120}^{(22)}m_{012}^{(20)} - m_{000}^{(11)}m_{100}^{(00)}m_{111}^{(10)}m_{012}^{(22)} - m_{000}^{(11)}m_{100}^{(00)}m_{111}^{(10)}m_{003}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(00)}m_{111}^{(11)}m_{003}^{(20)} + m_{000}^{(11)}m_{100}^{(00)}m_{111}^{(20)}m_{021}^{(22)} + m_{000}^{(11)}m_{100}^{(00)}m_{111}^{(20)}m_{012}^{(21)}\\
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&-m_{000}^{(11)}m_{100}^{(10)}m_{210}^{(20)}m_{003}^{(21)} - m_{000}^{(11)}m_{100}^{(10)}m_{210}^{(21)}m_{102}^{(22)} + m_{000}^{(11)}m_{100}^{(10)}m_{210}^{(21)}m_{003}^{(20)}\\
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&+m_{000}^{(11)}m_{100}^{(10)}m_{111}^{(20)}m_{003}^{(10)}+3m_{000}^{(11)}m_{100}^{(10)}m_{111}^{(21)}m_{102}^{(20)}-m_{000}^{(11)}m_{100}^{(10)}m_{111}^{(21)}m_{003}^{(00)}\\
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&+m_{000}^{(11)}m_{100}^{(20)}m_{201}^{(10)}m_{021}^{(22)}-m_{000}^{(11)}m_{100}^{(20)}m_{201}^{(10)}m_{012}^{(21)}-m_{000}^{(11)}m_{100}^{(20)}m_{201}^{(11)}m_{111}^{(22)}\\
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&+2m_{000}^{(11)}m_{100}^{(20)}m_{102}^{(00)}m_{012}^{(11)}-2m_{000}^{(11)}m_{100}^{(20)}m_{102}^{(10)}m_{021}^{(20)}-m_{000}^{(11)}m_{100}^{(20)}m_{102}^{(10)}m_{012}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{102}^{(11)}m_{012}^{(00)}+2m_{000}^{(11)}m_{100}^{(20)}m_{102}^{(20)}m_{021}^{(10)}+m_{000}^{(11)}m_{100}^{(20)}m_{102}^{(21)}m_{021}^{(00)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{021}^{(00)}m_{012}^{(20)}+m_{000}^{(11)}m_{100}^{(20)}m_{021}^{(10)}m_{003}^{(00)}-m_{000}^{(11)}m_{100}^{(20)}m_{021}^{(10)}m_{003}^{(00)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{021}^{(20)}m_{012}^{(00)}+2m_{000}^{(11)}m_{100}^{(21)}m_{300}^{(10)}m_{012}^{(22)}-m_{000}^{(11)}m_{100}^{(21)}m_{300}^{(11)}m_{102}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(21)}m_{300}^{(20)}m_{012}^{(21)}-m_{000}^{(11)}m_{100}^{(21)}m_{300}^{(21)}m_{111}^{(22)}+m_{000}^{(11)}m_{100}^{(21)}m_{300}^{(21)}m_{102}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{300}^{(22)}m_{111}^{(21)}-2m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(00)}m_{012}^{(22)}+m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(20)}m_{111}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(20)}m_{102}^{(21)}+2m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(20)}m_{012}^{(20)}+m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(21)}m_{201}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(21)}m_{102}^{(20)}-m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(22)}m_{201}^{(20)}-m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(22)}m_{111}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(00)}m_{021}^{(22)}+2m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(00)}m_{012}^{(21)}+m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(00)}m_{003}^{(11)}
\end{aligned}
$$

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\begin{aligned}
&-5m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(10)}m_{012}^{(20)} - m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(10)}m_{003}^{(10)} + m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(11)}m_{201}^{(22)} \\
&+2m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(11)}m_{102}^{(20)} + m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(20)}m_{120}^{(22)} - m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(20)}m_{111}^{(21)} \\
&-2m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(20)}m_{102}^{(11)} + m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(20)}m_{021}^{(20)} + 3m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(20)}m_{012}^{(10)} \\
&-m_{000}^{(11)}m_{100}^{(21)}(m_{201}^{(21)})^2 + 3m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(21)}m_{111}^{(20)} - m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(22)}m_{120}^{(20)} \\
&-2m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(22)}m_{111}^{(10)} + m_{000}^{(11)}m_{100}^{(21)}m_{120}^{(00)}m_{102}^{(22)} - m_{000}^{(11)}m_{100}^{(21)}m_{120}^{(20)}m_{102}^{(20)} \\
&+2m_{000}^{(11)}m_{100}^{(21)}m_{111}^{(00)}m_{111}^{(22)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{111}^{(00)}m_{102}^{(21)} + 3m_{000}^{(11)}m_{100}^{(21)}m_{111}^{(00)}m_{012}^{(20)} \\
&-m_{000}^{(11)}m_{100}^{(21)}m_{111}^{(00)}m_{003}^{(10)} + m_{000}^{(11)}m_{100}^{(21)}m_{111}^{(10)}m_{102}^{(20)} + m_{000}^{(11)}m_{100}^{(21)}m_{111}^{(10)}m_{003}^{(00)} \\
&-2m_{000}^{(11)}m_{100}^{(21)}(m_{111}^{(20)})^2 + m_{000}^{(11)}m_{100}^{(21)}m_{111}^{(20)}m_{102}^{(10)} - 3m_{000}^{(11)}m_{100}^{(21)}m_{111}^{(20)}m_{012}^{(00)} \\
&-m_{000}^{(11)}m_{100}^{(21)}m_{102}^{(00)}m_{102}^{(11)} + m_{000}^{(11)}m_{100}^{(21)}m_{102}^{(00)}m_{021}^{(20)} - 3m_{000}^{(11)}m_{100}^{(21)}m_{102}^{(00)}m_{012}^{(10)} \\
&+m_{000}^{(11)}m_{100}^{(21)}(m_{102}^{(10)})^2 + 3m_{000}^{(11)}m_{100}^{(21)}m_{102}^{(10)}m_{012}^{(00)} - m_{000}^{(11)}m_{100}^{(21)}m_{102}^{(20)}m_{021}^{(00)} \\
&-m_{000}^{(11)}m_{100}^{(22)}m_{300}^{(10)}m_{021}^{(22)} + m_{000}^{(11)}m_{100}^{(22)}m_{300}^{(11)}m_{111}^{(22)} + m_{000}^{(11)}m_{100}^{(22)}m_{300}^{(20)}m_{021}^{(21)} \\
&-m_{000}^{(11)}m_{100}^{(22)}m_{300}^{(21)}m_{111}^{(21)} + m_{000}^{(11)}m_{100}^{(22)}m_{210}^{(00)}m_{021}^{(22)} - m_{000}^{(11)}m_{100}^{(22)}m_{210}^{(11)}m_{201}^{(22)} \\
&-m_{000}^{(11)}m_{100}^{(22)}m_{210}^{(20)}m_{111}^{(21)} - m_{000}^{(11)}m_{100}^{(22)}m_{210}^{(20)}m_{021}^{(20)} + m_{000}^{(11)}m_{100}^{(22)}m_{210}^{(21)}m_{201}^{(21)} \\
&+m_{000}^{(11)}m_{100}^{(22)}m_{210}^{(21)}m_{111}^{(20)} - m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(00)}m_{012}^{(11)} + 2m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(10)}m_{021}^{(20)} \\
&+m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(10)}m_{012}^{(10)} - 2m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(11)}m_{111}^{(20)} - m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(20)}m_{120}^{(21)} \\
&+2m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(20)}m_{111}^{(11)} - 2m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(20)}m_{021}^{(10)} + m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(22)}m_{120}^{(10)} \\
&-m_{000}^{(11)}m_{100}^{(22)}m_{120}^{(00)}m_{111}^{(22)} + m_{000}^{(11)}m_{100}^{(22)}m_{120}^{(20)}m_{111}^{(20)} + m_{000}^{(11)}m_{100}^{(22)}m_{111}^{(00)}m_{102}^{(11)} \\
&-2m_{000}^{(11)}m_{100}^{(22)}m_{111}^{(00)}m_{021}^{(20)} + m_{000}^{(11)}m_{100}^{(22)}m_{111}^{(00)}m_{012}^{(10)} - m_{000}^{(11)}m_{100}^{(22)}m_{111}^{(10)}m_{102}^{(10)} \\
&-m_{000}^{(11)}m_{100}^{(22)}m_{111}^{(10)}m_{012}^{(00)} + 2m_{000}^{(11)}m_{100}^{(22)}m_{111}^{(20)}m_{021}^{(00)} + m_{000}^{(11)}m_{100}^{(22)}m_{102}^{(00)}m_{021}^{(10)} \\
&-m_{000}^{(11)}m_{100}^{(22)}m_{102}^{(10)}m_{021}^{(00)} + m_{000}^{(11)}m_{001}^{(00)}m_{210}^{(11)}m_{102}^{(22)} - m_{000}^{(11)}m_{001}^{(00)}m_{210}^{(21)}m_{111}^{(22)} \\
&-m_{000}^{(11)}m_{001}^{(00)}m_{210}^{(21)}m_{102}^{(21)} + m_{000}^{(11)}m_{001}^{(00)}m_{210}^{(22)}m_{111}^{(21)} - m_{000}^{(11)}m_{001}^{(00)}m_{201}^{(11)}m_{111}^{(22)} \\
&+m_{000}^{(11)}m_{001}^{(00)}m_{201}^{(21)}m_{120}^{(22)} + m_{000}^{(11)}m_{001}^{(00)}m_{201}^{(21)}m_{111}^{(21)} - m_{000}^{(11)}m_{001}^{(00)}m_{201}^{(22)}m_{120}^{(21)} \\
&-m_{000}^{(11)}m_{001}^{(00)}m_{120}^{(00)}m_{012}^{(22)} + m_{000}^{(11)}m_{001}^{(00)}m_{120}^{(00)}m_{003}^{(21)} - m_{000}^{(11)}m_{001}^{(00)}m_{120}^{(10)}m_{003}^{(20)} \\
&+2m_{000}^{(11)}m_{001}^{(00)}m_{120}^{(20)}m_{111}^{(22)} - 2m_{000}^{(11)}m_{001}^{(00)}m_{120}^{(20)}m_{102}^{(21)} + m_{000}^{(11)}m_{001}^{(00)}m_{120}^{(20)}m_{012}^{(20)} \\
&+2m_{000}^{(11)}m_{001}^{(00)}m_{120}^{(21)}m_{102}^{(20)} - 2m_{000}^{(11)}m_{001}^{(00)}m_{120}^{(22)}m_{111}^{(20)} + m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(00)}m_{021}^{(22)} \\
&-m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(00)}m_{003}^{(11)} + m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(10)}m_{012}^{(20)} + m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(10)}m_{003}^{(10)} \\
&-2m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(11)}m_{102}^{(20)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(20)}m_{102}^{(11)} - m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(20)}m_{021}^{(20)} \\
&-m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(20)}m_{012}^{(10)} - m_{000}^{(11)}m_{001}^{(00)}m_{102}^{(00)}m_{021}^{(21)} + m_{000}^{(11)}m_{001}^{(00)}m_{102}^{(00)}m_{012}^{(11)} \\
&-m_{000}^{(11)}m_{001}^{(00)}m_{102}^{(10)}m_{012}^{(10)} + m_{000}^{(11)}m_{001}^{(00)}m_{102}^{(20)}m_{021}^{(10)} - m_{000}^{(11)}m_{001}^{(10)}m_{300}^{(11)}m_{102}^{(22)} \\
&+m_{000}^{(11)}m_{001}^{(10)}m_{300}^{(21)}m_{111}^{(22)} + m_{000}^{(11)}m_{001}^{(10)}m_{300}^{(21)}m_{102}^{(21)} - m_{000}^{(11)}m_{001}^{(10)}m_{300}^{(22)}m_{111}^{(21)} \\
&+2m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(00)}m_{012}^{(22)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(00)}m_{003}^{(21)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(10)}m_{102}^{(22)} \\
&+2m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(10)}m_{003}^{(20)} - 3m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(20)}m_{111}^{(22)} + 5m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(20)}m_{102}^{(21)} \\
&-2m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(20)}m_{012}^{(20)} + 3m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(21)}m_{201}^{(22)} - 3m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(21)}m_{102}^{(20)} \\
&-3m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(22)}m_{201}^{(21)} + 3m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(22)}m_{111}^{(20)} - m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(00)}m_{021}^{(22)} \\
&+m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(00)}m_{003}^{(11)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(10)}m_{111}^{(22)} - m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(10)}m_{012}^{(20)} \\
&-m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(10)}m_{003}^{(10)} + m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(11)}m_{201}^{(22)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(11)}m_{102}^{(20)} \\
&+m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(20)}m_{120}^{(22)} - m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(20)}m_{111}^{(21)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(20)}m_{102}^{(11)} \\
&+m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(20)}m_{021}^{(20)} + m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(20)}m_{012}^{(10)} - m_{000}^{(11)}m_{001}^{(10)}(m_{201}^{(21)})^2
\end{aligned}
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\begin{aligned}
&-m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(21)}m_{111}^{(20)} - m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(22)}m_{120}^{(20)} + m_{000}^{(11)}m_{001}^{(10)}m_{120}^{(00)}m_{102}^{(22)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{120}^{(20)}m_{102}^{(20)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{111}^{(00)}m_{111}^{(22)} - m_{000}^{(11)}m_{001}^{(10)}m_{111}^{(00)}m_{012}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{111}^{(00)}m_{003}^{(10)} + m_{000}^{(11)}m_{001}^{(10)}m_{111}^{(10)}m_{102}^{(20)} - m_{000}^{(11)}m_{001}^{(10)}m_{111}^{(10)}m_{003}^{(00)}\\
&+2m_{000}^{(11)}m_{001}^{(10)}(m_{111}^{(20)})^2 - 3m_{000}^{(11)}m_{001}^{(10)}m_{111}^{(20)}m_{102}^{(10)} + m_{000}^{(11)}m_{001}^{(10)}m_{111}^{(20)}m_{012}^{(00)}\\
&+2m_{000}^{(11)}m_{001}^{(10)}m_{111}^{(21)}m_{102}^{(00)} - m_{000}^{(11)}m_{001}^{(10)}m_{102}^{(00)}m_{102}^{(11)} + m_{000}^{(11)}m_{001}^{(10)}m_{102}^{(00)}m_{021}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{102}^{(00)}m_{012}^{(10)} + m_{000}^{(11)}m_{001}^{(10)}(m_{102}^{(10)})^2 + m_{000}^{(11)}m_{001}^{(10)}m_{102}^{(10)}m_{012}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{102}^{(20)}m_{021}^{(00)} - m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(00)}m_{012}^{(22)} + m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(00)}m_{003}^{(21)}\\
&+2m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(10)}m_{102}^{(22)} - m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(10)}m_{003}^{(20)} + m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(20)}m_{111}^{(22)}\\
&-3m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(20)}m_{102}^{(21)} + m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(20)}m_{012}^{(20)} - 2m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(21)}m_{201}^{(22)}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(21)}m_{102}^{(20)} + 2m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(22)}m_{201}^{(21)} - m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(22)}m_{111}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(11)}m_{210}^{(00)}m_{102}^{(22)} + m_{000}^{(11)}m_{001}^{(11)}m_{210}^{(20)}m_{201}^{(22)} + m_{000}^{(11)}m_{001}^{(11)}m_{210}^{(20)}m_{102}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(11)}m_{210}^{(22)}m_{201}^{(20)} + m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(00)}m_{111}^{(22)} + m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(00)}m_{012}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(00)}m_{003}^{(10)} - 2m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(10)}m_{201}^{(22)} - 2m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(10)}m_{102}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(10)}m_{003}^{(00)} + 2m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(20)}m_{201}^{(21)} - 2m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(20)}m_{111}^{(20)}\\
&+3m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(20)}m_{102}^{(10)} - m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(20)}m_{012}^{(00)} - m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(21)}m_{102}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(22)}m_{111}^{(00)} + m_{000}^{(11)}m_{001}^{(11)}m_{111}^{(00)}m_{102}^{(20)} - m_{000}^{(11)}m_{001}^{(11)}m_{111}^{(20)}m_{102}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{300}^{(11)}m_{111}^{(22)} - m_{000}^{(11)}m_{001}^{(20)}m_{300}^{(21)}m_{120}^{(22)} - m_{000}^{(11)}m_{001}^{(20)}m_{300}^{(21)}m_{111}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{300}^{(22)}m_{120}^{(21)} - m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(00)}m_{021}^{(22)} + m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(00)}m_{003}^{(11)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(10)}m_{111}^{(22)} + m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(10)}m_{102}^{(21)} - m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(10)}m_{012}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(10)}m_{003}^{(10)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(11)}m_{201}^{(22)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(20)}m_{120}^{(22)}\\
&-2m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(20)}m_{111}^{(21)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(20)}m_{102}^{(11)} + m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(20)}m_{021}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(20)}m_{012}^{(10)} + m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(21)}m_{201}^{(21)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(21)}m_{111}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(21)}m_{102}^{(10)} + m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(22)}m_{201}^{(11)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(22)}m_{120}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(22)}m_{111}^{(10)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(00)}m_{021}^{(21)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(00)}m_{012}^{(11)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(10)}m_{120}^{(22)} - m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(10)}m_{111}^{(21)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(10)}m_{012}^{(10)}\\
&-2m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(11)}m_{111}^{(20)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(20)}m_{120}^{(21)} + 4m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(20)}m_{111}^{(11)}\\
&-2m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(20)}m_{021}^{(10)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(21)}m_{120}^{(20)} - m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(21)}m_{111}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(22)}m_{120}^{(10)} - m_{000}^{(11)}m_{001}^{(20)}m_{120}^{(00)}m_{102}^{(21)} + m_{000}^{(11)}m_{001}^{(20)}m_{120}^{(00)}m_{012}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{120}^{(00)}m_{003}^{(10)} + m_{000}^{(11)}m_{001}^{(20)}m_{120}^{(10)}m_{003}^{(00)} - m_{000}^{(11)}m_{001}^{(20)}m_{120}^{(20)}m_{111}^{(20)}\\
&+2m_{000}^{(11)}m_{001}^{(20)}m_{120}^{(20)}m_{102}^{(10)} - m_{000}^{(11)}m_{001}^{(20)}m_{120}^{(20)}m_{012}^{(00)} - m_{000}^{(11)}m_{001}^{(20)}m_{120}^{(21)}m_{102}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{120}^{(22)}m_{111}^{(00)} + m_{000}^{(11)}m_{001}^{(20)}m_{111}^{(00)}m_{102}^{(11)} - m_{000}^{(11)}m_{001}^{(20)}m_{111}^{(00)}m_{021}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{111}^{(00)}m_{012}^{(10)} - m_{000}^{(11)}m_{001}^{(20)}m_{111}^{(10)}m_{102}^{(10)} - m_{000}^{(11)}m_{001}^{(20)}m_{111}^{(10)}m_{012}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{111}^{(20)}m_{021}^{(00)} + m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(00)}m_{021}^{(22)} - m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(00)}m_{003}^{(11)}\\
&-3m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(10)}m_{111}^{(22)} - m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(10)}m_{102}^{(21)} + m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(10)}m_{012}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(10)}m_{003}^{(10)} + m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(11)}m_{201}^{(22)} - m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(20)}m_{120}^{(22)}\\
&+3m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(20)}m_{111}^{(21)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(20)}m_{102}^{(11)} - m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(20)}m_{021}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(20)}m_{012}^{(10)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(21)}m_{210}^{(22)} - m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(21)}m_{111}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(21)}m_{102}^{(10)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(22)}m_{210}^{(21)} - m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(22)}m_{201}^{(11)}
\end{aligned}
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$$+m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(22)}m_{120}^{(20)}+m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(22)}m_{111}^{(10)}+m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(00)}m_{111}^{(22)}$$
$$+m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(00)}m_{102}^{(21)}-m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(00)}m_{012}^{(20)}+m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(00)}m_{003}^{(10)}$$
$$+m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(10)}m_{201}^{(22)}-m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(10)}m_{003}^{(00)}-3m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(20)}m_{201}^{(21)}$$
$$-2m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(20)}m_{102}^{(10)}+m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(20)}m_{012}^{(00)}+m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(21)}m_{201}^{(20)}$$
$$+m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(21)}m_{102}^{(00)}+m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(22)}m_{201}^{(10)}-m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(22)}m_{111}^{(00)}$$
$$-3m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(00)}m_{111}^{(21)}+m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(00)}m_{102}^{(11)}-m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(00)}m_{021}^{(20)}$$
$$+m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(00)}m_{012}^{(10)}+2m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(10)}m_{201}^{(21)}+5m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(10)}m_{111}^{(20)}$$
$$-m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(10)}m_{102}^{(10)}-m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(10)}m_{012}^{(00)}-2m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(11)}m_{201}^{(20)}$$
$$+m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(20)}m_{120}^{(20)}-3m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(20)}m_{111}^{(10)}+m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(20)}m_{021}^{(00)}$$
$$+m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(21)}m_{111}^{(00)}-m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(22)}m_{120}^{(00)}-2m_{000}^{(11)}m_{001}^{(21)}m_{111}^{(00)}m_{102}^{(10)}$$
$$+2m_{000}^{(11)}m_{001}^{(21)}m_{111}^{(10)}m_{102}^{(00)}-m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(00)}m_{021}^{(21)}+m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(00)}m_{012}^{(11)}$$
$$+m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(10)}m_{120}^{(22)}+m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(10)}m_{111}^{(21)}-m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(10)}m_{012}^{(10)}$$
$$-m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(11)}m_{210}^{(22)}-2m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(20)}m_{111}^{(11)}+m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(20)}m_{021}^{(10)}$$
$$+m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(21)}m_{111}^{(10)}+m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(22)}m_{210}^{(11)}-m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(22)}m_{120}^{(10)}$$
$$-m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(00)}m_{120}^{(22)}+m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(00)}m_{111}^{(21)}-m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(00)}m_{102}^{(11)}$$
$$+m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(00)}m_{021}^{(20)}-m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(10)}m_{012}^{(20)}-m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(10)}m_{201}^{(21)}$$
$$-m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(10)}m_{111}^{(20)}+m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(10)}m_{102}^{(10)}+m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(10)}m_{012}^{(00)}$$
$$+2m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(20)}m_{201}^{(11)}+m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(20)}m_{111}^{(10)}-m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(20)}m_{021}^{(00)}$$
$$-m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(21)}m_{201}^{(10)}-m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(21)}m_{111}^{(00)}+m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(22)}m_{120}^{(00)}$$
$$+m_{000}^{(11)}m_{001}^{(22)}m_{201}^{(00)}m_{120}^{(21)}-2m_{000}^{(11)}m_{001}^{(22)}m_{201}^{(10)}m_{120}^{(20)}+m_{000}^{(11)}m_{001}^{(22)}m_{201}^{(20)}m_{120}^{(10)}$$
$$-m_{000}^{(11)}m_{001}^{(22)}m_{120}^{(00)}m_{111}^{(20)}+m_{000}^{(11)}m_{001}^{(22)}m_{120}^{(00)}m_{102}^{(10)}-m_{000}^{(11)}m_{001}^{(22)}m_{120}^{(10)}m_{102}^{(00)}$$
$$+m_{000}^{(11)}m_{001}^{(22)}m_{120}^{(20)}m_{111}^{(00)}-m_{000}^{(20)}m_{100}^{(00)}m_{120}^{(11)}m_{012}^{(22)}+m_{000}^{(20)}m_{100}^{(00)}m_{120}^{(21)}m_{021}^{(22)}$$
$$+m_{000}^{(20)}m_{100}^{(00)}m_{120}^{(21)}m_{012}^{(21)}-m_{000}^{(20)}m_{100}^{(00)}m_{120}^{(22)}m_{021}^{(21)}+m_{000}^{(20)}m_{100}^{(00)}m_{111}^{(11)}m_{021}^{(22)}$$
$$+m_{000}^{(20)}m_{100}^{(00)}m_{111}^{(11)}m_{012}^{(21)}-m_{000}^{(20)}m_{100}^{(00)}m_{111}^{(21)}m_{030}^{(22)}-2m_{000}^{(20)}m_{100}^{(00)}m_{111}^{(21)}m_{021}^{(21)}$$
$$-m_{000}^{(20)}m_{100}^{(00)}m_{111}^{(21)}m_{012}^{(11)}+m_{000}^{(20)}m_{100}^{(00)}m_{111}^{(22)}m_{030}^{(21)}+m_{000}^{(20)}m_{100}^{(00)}m_{111}^{(22)}m_{021}^{(11)}$$
$$-m_{000}^{(20)}m_{100}^{(00)}m_{102}^{(11)}m_{021}^{(21)}+m_{000}^{(20)}m_{100}^{(00)}m_{102}^{(21)}m_{030}^{(21)}+m_{000}^{(20)}m_{100}^{(00)}m_{102}^{(21)}m_{021}^{(11)}$$
$$-m_{000}^{(20)}m_{100}^{(00)}m_{102}^{(22)}m_{030}^{(11)}+2m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(10)}m_{012}^{(22)}-m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(10)}m_{003}^{(21)}$$
$$+m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(11)}m_{003}^{(20)}-2m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(20)}m_{021}^{(22)}+m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(20)}m_{012}^{(21)}$$
$$-3m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(21)}m_{012}^{(20)}+2m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(22)}m_{021}^{(20)}-2m_{000}^{(20)}m_{100}^{(00)}m_{021}^{(10)}m_{021}^{(22)}$$
$$-2m_{000}^{(20)}m_{100}^{(00)}m_{021}^{(10)}m_{012}^{(21)}+m_{000}^{(20)}m_{100}^{(00)}m_{021}^{(10)}m_{003}^{(11)}-m_{000}^{(20)}m_{100}^{(00)}m_{021}^{(11)}m_{003}^{(10)}$$
$$+2m_{000}^{(20)}m_{100}^{(00)}m_{021}^{(20)}m_{021}^{(21)}-m_{000}^{(20)}m_{100}^{(00)}m_{021}^{(20)}m_{012}^{(11)}+3m_{000}^{(20)}m_{100}^{(00)}m_{021}^{(21)}m_{012}^{(10)}$$
$$+m_{000}^{(20)}m_{100}^{(10)}m_{210}^{(11)}m_{012}^{(22)}-m_{000}^{(20)}m_{100}^{(10)}m_{210}^{(21)}m_{021}^{(22)}-m_{000}^{(20)}m_{100}^{(10)}m_{210}^{(21)}m_{012}^{(21)}$$
$$+m_{000}^{(20)}m_{100}^{(10)}m_{210}^{(22)}m_{021}^{(21)}-m_{000}^{(20)}m_{100}^{(10)}m_{201}^{(11)}m_{012}^{(22)}+m_{000}^{(20)}m_{100}^{(10)}m_{201}^{(21)}m_{021}^{(21)}$$
$$+m_{000}^{(20)}m_{100}^{(10)}m_{201}^{(21)}m_{012}^{(11)}-m_{000}^{(20)}m_{100}^{(10)}m_{201}^{(22)}m_{021}^{(11)}-2m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(10)}m_{012}^{(22)}$$
$$+2m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(10)}m_{003}^{(21)}+2m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(11)}m_{102}^{(22)}-2m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(11)}m_{003}^{(20)}$$
$$+3m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(20)}m_{021}^{(22)}-3m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(20)}m_{012}^{(21)}-3m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(21)}m_{111}^{(22)}$$
$$-2m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(21)}m_{102}^{(21)}+5m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(21)}m_{012}^{(20)}+3m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(22)}m_{111}^{(21)}$$
$$-3m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(22)}m_{021}^{(20)}+m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(10)}m_{012}^{(21)}-m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(10)}m_{003}^{(11)}$$

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\begin{aligned}
&-2m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(11)}m_{111}^{(22)} - m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(11)}m_{102}^{(21)} + m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(11)}m_{003}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(20)}m_{030}^{(22)} - m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(20)}m_{021}^{(21)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(20)}m_{012}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(10)}(m_{111}^{(21)})^2 + m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(21)}m_{102}^{(11)} - m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(21)}m_{021}^{(20)}\\
&-3m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(21)}m_{012}^{(10)} + m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(22)}m_{030}^{(20)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(22)}m_{021}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{102}^{(10)}m_{021}^{(21)} - m_{000}^{(20)}m_{100}^{(10)}m_{102}^{(10)}m_{012}^{(11)} + m_{000}^{(20)}m_{100}^{(10)}m_{102}^{(11)}m_{012}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{102}^{(21)}m_{021}^{(10)} - m_{000}^{(20)}m_{100}^{(10)}m_{030}^{(00)}m_{012}^{(22)} + m_{000}^{(20)}m_{100}^{(10)}m_{030}^{(20)}m_{012}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{021}^{(00)}m_{021}^{(22)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{021}^{(00)}m_{012}^{(21)} - m_{000}^{(20)}m_{100}^{(10)}m_{021}^{(10)}m_{003}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{021}^{(11)}m_{003}^{(00)} - m_{000}^{(20)}m_{100}^{(10)}(m_{021}^{(20)})^2 - 2m_{000}^{(20)}m_{100}^{(10)}m_{021}^{(21)}m_{012}^{(00)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{012}^{(00)}m_{012}^{(11)} + m_{000}^{(20)}m_{100}^{(10)}(m_{012}^{(10)})^2 - m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(10)}m_{210}^{(21)}m_{003}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{210}^{(11)}m_{102}^{(22)} + m_{000}^{(20)}m_{100}^{(11)}m_{210}^{(11)}m_{003}^{(20)} - m_{000}^{(20)}m_{100}^{(11)}m_{210}^{(20)}m_{021}^{(22)}\\
&+2m_{000}^{(20)}m_{100}^{(11)}m_{210}^{(20)}m_{012}^{(21)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{210}^{(21)}m_{111}^{(22)} + m_{000}^{(20)}m_{100}^{(11)}m_{210}^{(21)}m_{102}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(11)}m_{210}^{(21)}m_{012}^{(20)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{210}^{(22)}m_{111}^{(21)} + m_{000}^{(20)}m_{100}^{(11)}m_{210}^{(22)}m_{021}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{201}^{(10)}m_{012}^{(21)} - m_{000}^{(20)}m_{100}^{(11)}m_{201}^{(20)}m_{012}^{(11)} - m_{000}^{(20)}m_{100}^{(11)}m_{201}^{(21)}m_{111}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{201}^{(22)}m_{111}^{(11)} + m_{000}^{(20)}m_{100}^{(11)}m_{120}^{(00)}m_{012}^{(22)} - m_{000}^{(20)}m_{100}^{(11)}m_{120}^{(20)}m_{111}^{(22)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{120}^{(20)}m_{012}^{(20)} + m_{000}^{(20)}m_{100}^{(11)}m_{120}^{(22)}m_{111}^{(20)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(00)}m_{012}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(10)}m_{102}^{(21)} + m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(10)}m_{003}^{(10)} - m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(11)}m_{003}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(20)}m_{021}^{(20)} - m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(21)}m_{102}^{(10)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(21)}m_{012}^{(00)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(22)}m_{021}^{(00)} + m_{000}^{(20)}m_{100}^{(11)}m_{102}^{(00)}m_{012}^{(11)} - m_{000}^{(20)}m_{100}^{(11)}m_{102}^{(10)}m_{012}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{210}^{(11)}m_{021}^{(22)} + m_{000}^{(20)}m_{100}^{(20)}m_{210}^{(21)}m_{030}^{(22)} + m_{000}^{(20)}m_{100}^{(20)}m_{210}^{(21)}m_{021}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{210}^{(22)}m_{030}^{(21)} + m_{000}^{(20)}m_{100}^{(20)}m_{201}^{(11)}m_{021}^{(21)} - m_{000}^{(20)}m_{100}^{(20)}m_{201}^{(21)}m_{030}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{201}^{(21)}m_{021}^{(11)} + m_{000}^{(20)}m_{100}^{(20)}m_{201}^{(22)}m_{030}^{(11)} + m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(10)}m_{021}^{(22)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(10)}m_{003}^{(11)} + m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(11)}m_{111}^{(22)} - m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(11)}m_{102}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(11)}m_{012}^{(20)} + m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(11)}m_{003}^{(10)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(20)}m_{030}^{(22)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(20)}m_{021}^{(21)} + m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(20)}m_{012}^{(11)} + m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(21)}m_{102}^{(11)}\\
&-3m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(21)}m_{021}^{(20)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(21)}m_{012}^{(10)} - m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(22)}m_{111}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(22)}m_{030}^{(20)} + m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(22)}m_{021}^{(10)} + m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(10)}m_{030}^{(22)}\\
&-3m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(10)}m_{021}^{(21)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(10)}m_{012}^{(11)} + m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(11)}m_{021}^{(20)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(11)}m_{012}^{(10)} + 3m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(20)}m_{030}^{(21)} - 3m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(20)}m_{021}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(21)}m_{030}^{(20)} + 5m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(21)}m_{021}^{(10)} - 3m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(22)}m_{030}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{102}^{(10)}m_{030}^{(21)} + m_{000}^{(20)}m_{100}^{(20)}m_{102}^{(10)}m_{021}^{(11)} - m_{000}^{(20)}m_{100}^{(20)}m_{102}^{(11)}m_{021}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{102}^{(21)}m_{030}^{(10)} + m_{000}^{(20)}m_{100}^{(20)}m_{030}^{(00)}m_{021}^{(22)} - m_{000}^{(20)}m_{100}^{(20)}m_{030}^{(10)}m_{012}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{030}^{(10)}m_{003}^{(10)} - m_{000}^{(20)}m_{100}^{(20)}m_{030}^{(11)}m_{003}^{(00)} - m_{000}^{(20)}m_{100}^{(20)}m_{030}^{(20)}m_{012}^{(10)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{030}^{(21)}m_{012}^{(00)} - m_{000}^{(20)}m_{100}^{(20)}m_{030}^{(22)}m_{021}^{(00)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{021}^{(00)}m_{021}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{021}^{(10)}m_{021}^{(20)} - m_{000}^{(20)}m_{100}^{(20)}m_{021}^{(10)}m_{012}^{(10)} + m_{000}^{(20)}m_{100}^{(20)}m_{021}^{(11)}m_{012}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(10)}m_{021}^{(22)} + m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(10)}m_{003}^{(11)} + m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(11)}m_{102}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(11)}m_{012}^{(20)} - m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(20)}m_{030}^{(22)} + m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(20)}m_{012}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(20)}m_{021}^{(21)} - m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(21)}m_{012}^{(11)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(21)}m_{120}^{(22)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(21)}m_{111}^{(21)} - m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(21)}m_{102}^{(11)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(21)}m_{021}^{(20)}
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&+2m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(21)}m_{012}^{(10)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(22)}m_{120}^{(21)} + m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(22)}m_{111}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(22)}m_{030}^{(20)} - m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(22)}m_{021}^{(10)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(10)}m_{021}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(11)}m_{111}^{(21)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(20)}m_{021}^{(11)} + m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(21)}m_{120}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(21)}m_{111}^{(11)} - m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(22)}m_{120}^{(11)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(00)}m_{021}^{(22)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(10)}m_{111}^{(22)} - m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(10)}m_{102}^{(21)} + m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(10)}m_{012}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(10)}m_{003}^{(10)} + m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(11)}m_{003}^{(00)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(20)}m_{111}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(20)}m_{021}^{(20)} + m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(20)}m_{012}^{(10)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(21)}m_{111}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(21)}m_{102}^{(10)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(21)}m_{012}^{(00)} - m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(22)}m_{111}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(22)}m_{021}^{(00)} + 4m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(00)}m_{021}^{(21)} - m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(10)}m_{102}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(10)}m_{021}^{(20)} - m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(10)}m_{012}^{(10)} + m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(11)}m_{102}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(11)}m_{012}^{(00)} - m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(20)}m_{030}^{(20)} - m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(20)}m_{021}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(21)}m_{021}^{(00)} + m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(22)}m_{030}^{(00)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{102}^{(00)}m_{021}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{102}^{(10)}m_{021}^{(10)} - m_{000}^{(20)}m_{100}^{(22)}m_{210}^{(10)}m_{030}^{(22)} + m_{000}^{(20)}m_{100}^{(22)}m_{210}^{(10)}m_{021}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{210}^{(10)}m_{012}^{(11)} + m_{000}^{(20)}m_{100}^{(22)}m_{210}^{(11)}m_{120}^{(22)} - m_{000}^{(20)}m_{100}^{(22)}m_{210}^{(11)}m_{111}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{210}^{(11)}m_{012}^{(10)} + m_{000}^{(20)}m_{100}^{(22)}m_{210}^{(20)}m_{021}^{(11)} + m_{000}^{(20)}m_{100}^{(22)}m_{210}^{(21)}m_{111}^{(11)}\\
&-2m_{000}^{(20)}m_{100}^{(22)}m_{210}^{(21)}m_{021}^{(10)} - m_{000}^{(20)}m_{100}^{(22)}m_{210}^{(22)}m_{120}^{(11)} + m_{000}^{(20)}m_{100}^{(22)}m_{210}^{(22)}m_{030}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{201}^{(10)}m_{030}^{(21)} - m_{000}^{(20)}m_{100}^{(22)}m_{201}^{(11)}m_{120}^{(21)} - m_{000}^{(20)}m_{100}^{(22)}m_{201}^{(20)}m_{030}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{201}^{(21)}m_{120}^{(11)} + m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(00)}m_{030}^{(22)} - m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(10)}m_{111}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(10)}m_{102}^{(11)} - m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(10)}m_{021}^{(20)} + m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(10)}m_{012}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(11)}m_{111}^{(20)} - m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(11)}m_{102}^{(10)} - m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(11)}m_{012}^{(00)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(20)}m_{111}^{(11)} - m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(20)}m_{021}^{(10)} + m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(21)}m_{111}^{(10)}\\
&+2m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(21)}m_{021}^{(00)} - m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(22)}m_{030}^{(00)} - 2m_{000}^{(20)}m_{100}^{(22)}m_{111}^{(00)}m_{030}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{111}^{(10)}m_{030}^{(20)} + m_{000}^{(20)}m_{100}^{(22)}m_{111}^{(20)}m_{030}^{(10)} + m_{000}^{(20)}m_{100}^{(22)}m_{102}^{(00)}m_{030}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{102}^{(10)}m_{030}^{(10)} - m_{000}^{(20)}m_{010}^{(00)}m_{210}^{(11)}m_{003}^{(21)} + m_{000}^{(20)}m_{010}^{(00)}m_{210}^{(21)}m_{012}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(00)}m_{210}^{(21)}m_{003}^{(11)} - m_{000}^{(20)}m_{010}^{(00)}m_{210}^{(22)}m_{012}^{(11)} + m_{000}^{(20)}m_{010}^{(00)}m_{201}^{(11)}m_{012}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{201}^{(21)}m_{021}^{(21)} - m_{000}^{(20)}m_{010}^{(00)}m_{201}^{(21)}m_{012}^{(11)} + m_{000}^{(20)}m_{010}^{(00)}m_{201}^{(22)}m_{021}^{(11)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(10)}m_{012}^{(22)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(10)}m_{003}^{(21)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(11)}m_{102}^{(22)}\\
&+m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(20)}m_{021}^{(22)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(20)}m_{012}^{(21)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(21)}m_{111}^{(22)}\\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(21)}m_{102}^{(21)} + m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(21)}m_{012}^{(20)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(21)}m_{003}^{(10)}\\
&+2m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(22)}m_{111}^{(21)} - m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(22)}m_{021}^{(20)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(22)}m_{012}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(10)}m_{021}^{(22)} - m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(10)}m_{012}^{(21)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(10)}m_{003}^{(11)}\\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(11)}m_{111}^{(22)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(11)}m_{102}^{(21)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(11)}m_{003}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(20)}m_{030}^{(22)} + m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(20)}m_{021}^{(21)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(20)}m_{012}^{(11)}\\
&+2m_{000}^{(20)}m_{010}^{(00)}(m_{111}^{(21)})^2 + 2m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(21)}m_{102}^{(11)} - m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(21)}m_{021}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(21)}m_{012}^{(10)} + m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(22)}m_{030}^{(20)} - m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(22)}m_{021}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{102}^{(10)}m_{021}^{(21)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{102}^{(10)}m_{012}^{(11)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{102}^{(11)}m_{012}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(00)}m_{102}^{(20)}m_{030}^{(21)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{102}^{(20)}m_{021}^{(11)} + 3m_{000}^{(20)}m_{010}^{(00)}m_{102}^{(21)}m_{021}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{102}^{(22)}m_{030}^{(10)} - m_{000}^{(20)}m_{010}^{(00)}m_{030}^{(10)}m_{003}^{(20)} + m_{000}^{(20)}m_{010}^{(00)}m_{030}^{(20)}m_{012}^{(20)}
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&+m_{000}^{(20)}m_{010}^{(00)}m_{030}^{(21)}m_{003}^{(00)} - m_{000}^{(20)}m_{010}^{(00)}m_{030}^{(22)}m_{012}^{(00)} + m_{000}^{(20)}m_{010}^{(00)}m_{021}^{(00)}m_{021}^{(22)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{021}^{(00)}m_{012}^{(21)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{021}^{(10)}m_{012}^{(20)} + m_{000}^{(20)}m_{010}^{(00)}m_{021}^{(10)}m_{003}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{021}^{(11)}m_{003}^{(00)} - m_{000}^{(20)}m_{010}^{(00)}(m_{021}^{(20)})^2 - m_{000}^{(20)}m_{010}^{(00)}m_{021}^{(20)}m_{012}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(00)}m_{012}^{(00)}m_{012}^{(11)} - m_{000}^{(20)}m_{010}^{(00)}(m_{012}^{(10)})^2 + m_{000}^{(20)}m_{010}^{(10)}m_{300}^{(11)}m_{003}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{300}^{(21)}m_{012}^{(21)} - m_{000}^{(20)}m_{010}^{(10)}m_{300}^{(21)}m_{003}^{(11)} + m_{000}^{(20)}m_{010}^{(10)}m_{300}^{(22)}m_{012}^{(11)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(10)}m_{012}^{(22)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(10)}m_{003}^{(21)} - 3m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(11)}m_{102}^{(22)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(11)}m_{003}^{(20)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(20)}m_{021}^{(22)} + 3m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(20)}m_{012}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(20)}m_{003}^{(11)} + 3m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(21)}m_{111}^{(22)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(21)}m_{102}^{(21)}\\
&-3m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(21)}m_{012}^{(20)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(21)}m_{003}^{(10)} - 3m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(22)}m_{111}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(22)}m_{102}^{(11)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(22)}m_{021}^{(20)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(22)}m_{012}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(10)}m_{021}^{(22)} - m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(10)}m_{012}^{(21)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(10)}m_{003}^{(11)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(11)}m_{111}^{(22)} + m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(11)}m_{102}^{(21)} - m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(11)}m_{012}^{(20)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(11)}m_{003}^{(10)} + m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(20)}m_{030}^{(22)} - m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(20)}m_{012}^{(11)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(21)}m_{120}^{(22)} - m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(21)}m_{111}^{(21)} - m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(21)}m_{102}^{(11)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(21)}m_{021}^{(20)} + 3m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(21)}m_{012}^{(10)} + m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(22)}m_{120}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(22)}m_{030}^{(20)} - m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(22)}m_{021}^{(10)} - m_{000}^{(20)}m_{010}^{(10)}m_{120}^{(00)}m_{003}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{120}^{(20)}m_{111}^{(22)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{120}^{(20)}m_{102}^{(21)} - m_{000}^{(20)}m_{010}^{(10)}m_{120}^{(20)}m_{012}^{(20)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{120}^{(20)}m_{003}^{(10)} - m_{000}^{(20)}m_{010}^{(10)}m_{120}^{(21)}m_{003}^{(00)} + m_{000}^{(20)}m_{010}^{(10)}m_{120}^{(22)}m_{111}^{(20)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{120}^{(22)}m_{102}^{(10)} + m_{000}^{(20)}m_{010}^{(10)}m_{120}^{(22)}m_{012}^{(00)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(00)}m_{021}^{(22)}\\
&+3m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(00)}m_{012}^{(21)} + m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(00)}m_{003}^{(11)} + 4m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(10)}m_{111}^{(22)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(10)}m_{102}^{(21)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(10)}m_{012}^{(20)} - m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(10)}m_{003}^{(10)}\\
&+4m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(11)}m_{102}^{(20)} - 4m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(20)}m_{111}^{(21)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(20)}m_{102}^{(11)}\\
&+3m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(20)}m_{021}^{(20)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(20)}m_{012}^{(10)} - m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(21)}m_{102}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(21)}m_{012}^{(00)} - m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(22)}m_{021}^{(00)} + m_{000}^{(20)}m_{010}^{(10)}m_{102}^{(00)}m_{030}^{(22)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{102}^{(00)}m_{012}^{(11)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{102}^{(10)}m_{021}^{(20)} + m_{000}^{(20)}m_{010}^{(10)}m_{102}^{(10)}m_{012}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{102}^{(11)}m_{012}^{(00)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{102}^{(20)}m_{030}^{(20)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{102}^{(21)}m_{021}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{102}^{(22)}m_{030}^{(00)} + m_{000}^{(20)}m_{010}^{(10)}m_{030}^{(00)}m_{003}^{(20)} - m_{000}^{(20)}m_{010}^{(10)}m_{030}^{(20)}m_{003}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{021}^{(00)}m_{012}^{(20)} - m_{000}^{(20)}m_{010}^{(10)}m_{021}^{(00)}m_{003}^{(10)} + m_{000}^{(20)}m_{010}^{(10)}m_{021}^{(10)}m_{003}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{021}^{(20)}m_{012}^{(00)} - m_{000}^{(20)}m_{010}^{(11)}m_{300}^{(10)}m_{012}^{(22)} + m_{000}^{(20)}m_{010}^{(11)}m_{300}^{(11)}m_{102}^{(22)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{300}^{(11)}m_{003}^{(20)} + m_{000}^{(20)}m_{010}^{(11)}m_{300}^{(20)}m_{021}^{(22)} - m_{000}^{(20)}m_{010}^{(11)}m_{300}^{(20)}m_{012}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{300}^{(20)}m_{003}^{(11)} - m_{000}^{(20)}m_{010}^{(11)}m_{300}^{(21)}m_{111}^{(22)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{300}^{(21)}m_{012}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{300}^{(22)}m_{111}^{(21)} - m_{000}^{(20)}m_{010}^{(11)}m_{300}^{(22)}m_{102}^{(11)} - m_{000}^{(20)}m_{010}^{(11)}m_{300}^{(22)}m_{021}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{210}^{(00)}m_{003}^{(21)} + m_{000}^{(20)}m_{010}^{(11)}m_{210}^{(10)}m_{102}^{(22)} + m_{000}^{(20)}m_{010}^{(11)}m_{210}^{(10)}m_{003}^{(20)}\\
&-2m_{000}^{(20)}m_{010}^{(11)}m_{210}^{(20)}m_{102}^{(21)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{210}^{(20)}m_{003}^{(10)} - m_{000}^{(20)}m_{010}^{(11)}m_{210}^{(21)}m_{201}^{(22)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{210}^{(21)}m_{102}^{(20)} + m_{000}^{(20)}m_{010}^{(11)}m_{210}^{(22)}m_{201}^{(21)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{210}^{(22)}m_{102}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(00)}m_{021}^{(22)} - m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(00)}m_{012}^{(21)} - m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(00)}m_{003}^{(11)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(10)}m_{111}^{(22)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(10)}m_{012}^{(20)} - m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(11)}m_{102}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(11)}m_{003}^{(00)} - m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(20)}m_{120}^{(22)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(20)}m_{111}^{(21)}
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&+m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(20)}m_{102}^{(11)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(20)}m_{021}^{(20)} + m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(20)}m_{012}^{(10)}\\
&-2m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(21)}m_{012}^{(00)} + m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(22)}m_{120}^{(20)} - m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(22)}m_{111}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(22)}m_{021}^{(00)} - m_{000}^{(20)}m_{010}^{(11)}m_{120}^{(00)}m_{102}^{(22)} - m_{000}^{(20)}m_{010}^{(11)}m_{120}^{(00)}m_{003}^{(20)}\\
&+2m_{000}^{(20)}m_{010}^{(11)}m_{120}^{(20)}m_{102}^{(20)} + m_{000}^{(20)}m_{010}^{(11)}m_{120}^{(20)}m_{003}^{(00)} - m_{000}^{(20)}m_{010}^{(11)}m_{120}^{(22)}m_{102}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{111}^{(00)}m_{102}^{(21)} + m_{000}^{(20)}m_{010}^{(11)}m_{111}^{(00)}m_{003}^{(10)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{111}^{(10)}m_{102}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{111}^{(10)}m_{003}^{(00)} + m_{000}^{(20)}m_{010}^{(11)}m_{111}^{(21)}m_{102}^{(00)} - m_{000}^{(20)}m_{010}^{(11)}m_{102}^{(00)}m_{021}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{102}^{(00)}m_{012}^{(10)} - m_{000}^{(20)}m_{010}^{(11)}m_{102}^{(10)}m_{012}^{(00)} + m_{000}^{(20)}m_{010}^{(11)}m_{102}^{(20)}m_{021}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{300}^{(11)}m_{012}^{(21)} + m_{000}^{(20)}m_{010}^{(20)}m_{300}^{(21)}m_{021}^{(21)} + m_{000}^{(20)}m_{010}^{(20)}m_{300}^{(21)}m_{012}^{(11)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{300}^{(22)}m_{021}^{(11)} - m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(10)}m_{021}^{(22)} + m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(10)}m_{003}^{(11)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(11)}m_{111}^{(22)} + 3m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(11)}m_{102}^{(21)} - m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(11)}m_{003}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(20)}m_{030}^{(22)} - m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(20)}m_{021}^{(21)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(21)}m_{120}^{(22)}\\
&-4m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(21)}m_{111}^{(21)} - 3m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(21)}m_{102}^{(11)} + m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(21)}m_{021}^{(20)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(22)}m_{120}^{(21)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(22)}m_{111}^{(11)} - m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(22)}m_{030}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(22)}m_{021}^{(10)} + 3m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(10)}m_{021}^{(21)} - 3m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(10)}m_{012}^{(11)}\\
&-4m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(11)}m_{111}^{(21)} + 3m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(11)}m_{012}^{(10)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(20)}m_{030}^{(21)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(20)}m_{021}^{(11)} + 3m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(21)}m_{120}^{(21)} + 4m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(21)}m_{111}^{(11)}\\
&-5m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(21)}m_{021}^{(10)} - 3m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(22)}m_{120}^{(11)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(22)}m_{030}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(00)}m_{012}^{(21)} + m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(10)}m_{111}^{(22)} - 3m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(10)}m_{102}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(10)}m_{012}^{(20)} - m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(10)}m_{003}^{(10)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(11)}m_{102}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(11)}m_{003}^{(00)} + m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(20)}m_{111}^{(21)} - m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(20)}m_{012}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(21)}m_{111}^{(20)} + 5m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(21)}m_{102}^{(10)} - m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(21)}m_{012}^{(00)}\\
&-3m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(22)}m_{111}^{(10)} + m_{000}^{(20)}m_{010}^{(20)}m_{111}^{(00)}m_{030}^{(22)} - m_{000}^{(20)}m_{010}^{(20)}m_{111}^{(00)}m_{021}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(20)}m_{111}^{(00)}m_{012}^{(11)} + 4m_{000}^{(20)}m_{010}^{(20)}m_{111}^{(10)}m_{102}^{(11)} - m_{000}^{(20)}m_{010}^{(20)}m_{111}^{(10)}m_{021}^{(20)}\\
&+4m_{000}^{(20)}m_{010}^{(20)}m_{111}^{(10)}m_{012}^{(10)} - 4m_{000}^{(20)}m_{010}^{(20)}m_{111}^{(11)}m_{102}^{(10)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{111}^{(11)}m_{012}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{111}^{(20)}m_{021}^{(10)} + 3m_{000}^{(20)}m_{010}^{(20)}m_{111}^{(21)}m_{021}^{(00)} - m_{000}^{(20)}m_{010}^{(20)}m_{111}^{(22)}m_{030}^{(00)}\\
&-2m_{000}^{(20)}m_{010}^{(20)}m_{102}^{(00)}m_{030}^{(21)} + 3m_{000}^{(20)}m_{010}^{(20)}m_{102}^{(00)}m_{021}^{(11)} - 3m_{000}^{(20)}m_{010}^{(20)}m_{102}^{(10)}m_{021}^{(10)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{102}^{(20)}m_{030}^{(10)} - m_{000}^{(20)}m_{010}^{(20)}m_{030}^{(00)}m_{012}^{(20)} + m_{000}^{(20)}m_{010}^{(20)}m_{030}^{(20)}m_{012}^{(00)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{021}^{(00)}m_{012}^{(10)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{021}^{(10)}m_{012}^{(00)} + m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(10)}m_{021}^{(22)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(10)}m_{012}^{(21)} - m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(10)}m_{003}^{(11)} - m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(11)}m_{111}^{(22)}\\
&-2m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(11)}m_{102}^{(21)} + m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(11)}m_{012}^{(20)} + m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(11)}m_{003}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(20)}m_{030}^{(22)} - m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(20)}m_{012}^{(11)} + m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(21)}m_{120}^{(22)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(21)}m_{111}^{(21)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(21)}m_{102}^{(11)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(21)}m_{021}^{(20)}\\
&-2m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(21)}m_{012}^{(10)} - m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(22)}m_{120}^{(21)} + m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(22)}m_{030}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(22)}m_{021}^{(10)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(00)}m_{012}^{(21)} - 3m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(10)}m_{111}^{(22)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(10)}m_{102}^{(21)} - 3m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(10)}m_{012}^{(20)} + m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(10)}m_{003}^{(10)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(11)}m_{201}^{(22)} + m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(11)}m_{102}^{(20)} - m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(11)}m_{003}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(20)}m_{120}^{(22)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(20)}m_{111}^{(21)} + m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(20)}m_{102}^{(11)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(20)}m_{021}^{(20)} + 3m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(20)}m_{012}^{(10)} - m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(21)}m_{201}^{(21)}
\end{aligned}
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$$+2m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(21)}m_{111}^{(20)} - 3m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(21)}m_{102}^{(10)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(21)}m_{012}^{(00)}$$
$$-m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(22)}m_{201}^{(11)} - m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(22)}m_{120}^{(20)} - m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(22)}m_{111}^{(10)}$$
$$-m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(22)}m_{021}^{(00)} - m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(00)}m_{030}^{(22)} + 3m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(00)}m_{012}^{(11)}$$
$$+2m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(10)}m_{120}^{(22)} + m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(10)}m_{111}^{(21)} - m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(10)}m_{102}^{(11)}$$
$$-2m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(10)}m_{021}^{(20)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(10)}m_{012}^{(10)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(11)}m_{111}^{(20)}$$
$$+m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(11)}m_{102}^{(10)} - m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(11)}m_{012}^{(00)} - 4m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(20)}m_{111}^{(11)}$$
$$+2m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(20)}m_{030}^{(20)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(21)}m_{120}^{(20)} + m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(21)}m_{111}^{(10)}$$
$$+2m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(21)}m_{021}^{(00)} - m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(22)}m_{030}^{(00)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(00)}m_{111}^{(22)}$$
$$+m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(00)}m_{102}^{(21)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(00)}m_{012}^{(20)} - 3m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(20)}m_{111}^{(20)}$$
$$-2m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(20)}m_{102}^{(10)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(20)}m_{012}^{(00)} + m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(21)}m_{102}^{(00)}$$
$$+m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(22)}m_{111}^{(00)} - 4m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(00)}m_{111}^{(21)} - m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(00)}m_{102}^{(11)}$$
$$+m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(00)}m_{021}^{(20)} - 3m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(00)}m_{012}^{(10)} + 4m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(10)}m_{111}^{(20)}$$
$$+m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(10)}m_{102}^{(10)} + 3m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(10)}m_{012}^{(00)} - m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(20)}m_{021}^{(00)}$$
$$+m_{000}^{(20)}m_{010}^{(21)}m_{102}^{(00)}m_{030}^{(20)} - m_{000}^{(20)}m_{010}^{(21)}m_{102}^{(00)}m_{021}^{(10)} + m_{000}^{(20)}m_{010}^{(21)}m_{102}^{(10)}m_{021}^{(00)}$$
$$-m_{000}^{(20)}m_{010}^{(21)}m_{102}^{(20)}m_{030}^{(00)} - 2m_{000}^{(20)}m_{010}^{(22)}m_{300}^{(10)}m_{021}^{(21)} + m_{000}^{(20)}m_{010}^{(22)}m_{300}^{(10)}m_{012}^{(11)}$$
$$+2m_{000}^{(20)}m_{010}^{(22)}m_{300}^{(11)}m_{111}^{(21)} - m_{000}^{(20)}m_{010}^{(22)}m_{300}^{(11)}m_{012}^{(10)} + m_{000}^{(20)}m_{010}^{(22)}m_{300}^{(20)}m_{030}^{(21)}$$
$$-m_{000}^{(20)}m_{010}^{(22)}m_{300}^{(21)}m_{120}^{(21)} - 2m_{000}^{(20)}m_{010}^{(22)}m_{300}^{(21)}m_{111}^{(11)} + 2m_{000}^{(20)}m_{010}^{(22)}m_{300}^{(21)}m_{021}^{(10)}$$
$$+m_{000}^{(20)}m_{010}^{(22)}m_{300}^{(22)}m_{120}^{(11)} - m_{000}^{(20)}m_{010}^{(22)}m_{300}^{(22)}m_{030}^{(10)} + m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(00)}m_{021}^{(21)}$$
$$+m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(10)}m_{120}^{(22)} + m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(10)}m_{111}^{(21)} - m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(10)}m_{102}^{(11)}$$
$$+2m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(10)}m_{021}^{(20)} - m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(10)}m_{012}^{(10)} - m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(11)}m_{210}^{(22)}$$
$$-2m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(11)}m_{201}^{(21)} - 2m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(11)}m_{111}^{(20)} + m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(11)}m_{102}^{(10)}$$
$$+m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(11)}m_{012}^{(00)} - 2m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(20)}m_{120}^{(21)} - m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(20)}m_{030}^{(20)}$$
$$-m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(20)}m_{021}^{(10)} + m_{000}^{(20)}m_{010}^{(22)}(m_{210}^{(21)})^2 + 2m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(21)}m_{201}^{(11)}$$
$$+m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(21)}m_{120}^{(20)} + m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(21)}m_{111}^{(10)} - 2m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(21)}m_{021}^{(00)}$$
$$+m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(22)}m_{030}^{(00)} + m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(00)}m_{030}^{(21)} - 2m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(00)}m_{021}^{(11)}$$
$$-3m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(10)}m_{120}^{(21)} + 2m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(10)}m_{111}^{(11)} + 2m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(10)}m_{021}^{(10)}$$
$$-2m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(11)}m_{111}^{(10)} + 2m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(20)}m_{120}^{(11)} - m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(20)}m_{030}^{(10)}$$
$$+m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(21)}m_{120}^{(10)} - m_{000}^{(20)}m_{010}^{(22)}m_{120}^{(00)}m_{120}^{(22)} - m_{000}^{(20)}m_{010}^{(22)}m_{120}^{(00)}m_{111}^{(21)}$$
$$-m_{000}^{(20)}m_{010}^{(22)}m_{120}^{(00)}m_{021}^{(20)} - m_{000}^{(20)}m_{010}^{(22)}m_{120}^{(10)}m_{111}^{(20)} + m_{000}^{(20)}m_{010}^{(22)}m_{120}^{(10)}m_{102}^{(10)}$$
$$-m_{000}^{(20)}m_{010}^{(22)}m_{120}^{(11)}m_{102}^{(00)} + m_{000}^{(20)}m_{010}^{(22)}(m_{120}^{(20)})^2 + m_{000}^{(20)}m_{010}^{(22)}m_{120}^{(20)}m_{111}^{(10)}$$
$$+m_{000}^{(20)}m_{010}^{(22)}m_{120}^{(20)}m_{021}^{(00)} + m_{000}^{(20)}m_{010}^{(22)}m_{120}^{(21)}m_{111}^{(00)} + 2m_{000}^{(20)}m_{010}^{(22)}m_{111}^{(00)}m_{111}^{(11)}$$
$$-m_{000}^{(20)}m_{010}^{(22)}m_{111}^{(00)}m_{030}^{(20)} + 2m_{000}^{(20)}m_{010}^{(22)}m_{111}^{(00)}m_{021}^{(10)} - 2m_{000}^{(20)}m_{010}^{(22)}(m_{111}^{(10)})^2$$
$$-2m_{000}^{(20)}m_{010}^{(22)}m_{111}^{(10)}m_{021}^{(00)} + m_{000}^{(20)}m_{010}^{(22)}m_{111}^{(20)}m_{030}^{(00)} + m_{000}^{(20)}m_{001}^{(00)}m_{210}^{(11)}m_{012}^{(21)}$$
$$-m_{000}^{(20)}m_{001}^{(00)}m_{210}^{(21)}m_{021}^{(21)} - m_{000}^{(20)}m_{001}^{(00)}m_{210}^{(21)}m_{012}^{(11)} + m_{000}^{(20)}m_{001}^{(00)}m_{210}^{(22)}m_{021}^{(11)}$$
$$-m_{000}^{(20)}m_{001}^{(00)}m_{201}^{(11)}m_{021}^{(21)} + m_{000}^{(20)}m_{001}^{(00)}m_{201}^{(21)}m_{030}^{(21)} + m_{000}^{(20)}m_{001}^{(00)}m_{201}^{(21)}m_{021}^{(11)}$$
$$-m_{000}^{(20)}m_{001}^{(00)}m_{201}^{(22)}m_{030}^{(11)} - m_{000}^{(20)}m_{001}^{(00)}m_{120}^{(10)}m_{012}^{(21)} - m_{000}^{(20)}m_{001}^{(00)}m_{120}^{(11)}m_{012}^{(20)}$$
$$+m_{000}^{(20)}m_{001}^{(00)}m_{120}^{(20)}m_{021}^{(21)} + m_{000}^{(20)}m_{001}^{(00)}m_{120}^{(21)}m_{021}^{(20)} + 2m_{000}^{(20)}m_{001}^{(00)}m_{120}^{(21)}m_{012}^{(10)}$$
$$-2m_{000}^{(20)}m_{001}^{(00)}m_{120}^{(22)}m_{021}^{(10)} + m_{000}^{(20)}m_{001}^{(00)}m_{111}^{(10)}m_{021}^{(21)} + m_{000}^{(20)}m_{001}^{(00)}m_{111}^{(10)}m_{012}^{(11)}$$

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\begin{aligned}
&+m_{000}^{(20)}m_{001}^{(00)}m_{111}^{(11)}m_{021}^{(20)} - m_{000}^{(20)}m_{001}^{(00)}m_{111}^{(11)}m_{012}^{(10)} - m_{000}^{(20)}m_{001}^{(00)}m_{111}^{(20)}m_{030}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(00)}m_{111}^{(20)}m_{021}^{(11)} - m_{000}^{(20)}m_{001}^{(00)}m_{111}^{(21)}m_{030}^{(20)} - m_{000}^{(20)}m_{001}^{(00)}m_{111}^{(21)}m_{021}^{(10)}\\
&+2m_{000}^{(20)}m_{001}^{(00)}m_{111}^{(22)}m_{030}^{(10)} - m_{000}^{(20)}m_{001}^{(00)}m_{102}^{(10)}m_{021}^{(11)} + m_{000}^{(20)}m_{001}^{(00)}m_{102}^{(11)}m_{021}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{102}^{(20)}m_{030}^{(11)} - m_{000}^{(20)}m_{001}^{(00)}m_{102}^{(21)}m_{030}^{(10)} - m_{000}^{(20)}m_{001}^{(00)}m_{030}^{(00)}m_{021}^{(22)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{030}^{(00)}m_{012}^{(21)} - m_{000}^{(20)}m_{001}^{(00)}m_{030}^{(21)}m_{012}^{(00)} + m_{000}^{(20)}m_{001}^{(00)}m_{030}^{(22)}m_{021}^{(00)}\\
&-m_{000}^{(20)}m_{001}^{(00)}m_{021}^{(00)}m_{012}^{(11)} + m_{000}^{(20)}m_{001}^{(00)}m_{021}^{(11)}m_{012}^{(00)} - m_{000}^{(20)}m_{001}^{(10)}m_{300}^{(11)}m_{012}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{300}^{(21)}m_{021}^{(21)} + m_{000}^{(20)}m_{001}^{(10)}m_{300}^{(21)}m_{012}^{(11)} - m_{000}^{(20)}m_{001}^{(10)}m_{300}^{(22)}m_{021}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(11)}m_{012}^{(20)} - m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(20)}m_{021}^{(21)} + m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(20)}m_{012}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(21)}m_{111}^{(21)} - m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(21)}m_{021}^{(20)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(21)}m_{012}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(22)}m_{111}^{(11)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(22)}m_{021}^{(10)} + m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(10)}m_{021}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(10)}m_{012}^{(11)} + m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(11)}m_{111}^{(21)} + m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(11)}m_{012}^{(10)}\\
&-2m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(21)}m_{120}^{(21)} - m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(21)}m_{111}^{(11)} - m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(21)}m_{021}^{(10)}\\
&+2m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(22)}m_{120}^{(11)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(00)}m_{021}^{(22)} - m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(00)}m_{012}^{(21)}\\
&-4m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(10)}m_{111}^{(22)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(10)}m_{102}^{(21)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(10)}m_{012}^{(20)}\\
&-2m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(11)}m_{102}^{(20)} + m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(20)}m_{111}^{(21)} - m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(20)}m_{021}^{(20)}\\
&-2m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(20)}m_{012}^{(10)} + m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(21)}m_{111}^{(20)} + m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(21)}m_{012}^{(00)}\\
&+2m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(22)}m_{111}^{(10)} - m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(22)}m_{021}^{(00)} - m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(00)}m_{030}^{(22)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(00)}m_{021}^{(21)} - m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(10)}m_{102}^{(11)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(10)}m_{021}^{(20)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(10)}m_{012}^{(10)} + m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(11)}m_{102}^{(10)} - m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(11)}m_{012}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(20)}m_{030}^{(20)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(20)}m_{021}^{(10)} + m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(21)}m_{021}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{102}^{(00)}m_{021}^{(11)} - m_{000}^{(20)}m_{001}^{(10)}m_{102}^{(10)}m_{021}^{(10)} - m_{000}^{(20)}m_{001}^{(10)}m_{030}^{(00)}m_{012}^{(20)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{030}^{(20)}m_{012}^{(00)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{021}^{(00)}m_{012}^{(10)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{021}^{(10)}m_{012}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{300}^{(10)}m_{012}^{(21)} - m_{000}^{(20)}m_{001}^{(11)}m_{300}^{(20)}m_{012}^{(11)} - m_{000}^{(20)}m_{001}^{(11)}m_{300}^{(21)}m_{111}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{300}^{(22)}m_{111}^{(11)} - m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(00)}m_{021}^{(22)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(10)}m_{111}^{(22)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(10)}m_{102}^{(21)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(10)}m_{012}^{(20)} - m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(11)}m_{201}^{(22)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(11)}m_{102}^{(20)} + m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(20)}m_{021}^{(20)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(20)}m_{012}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(21)}m_{201}^{(21)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(22)}m_{111}^{(10)} + m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(00)}m_{012}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(10)}m_{111}^{(21)} - m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(10)}m_{012}^{(10)} + m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(21)}m_{111}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{120}^{(00)}m_{012}^{(20)} - m_{000}^{(20)}m_{001}^{(11)}m_{120}^{(20)}m_{111}^{(20)} - m_{000}^{(20)}m_{001}^{(11)}m_{120}^{(20)}m_{012}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{120}^{(22)}m_{111}^{(00)} + m_{000}^{(20)}m_{001}^{(11)}m_{111}^{(00)}m_{021}^{(20)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{111}^{(00)}m_{012}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{111}^{(10)}m_{102}^{(10)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{111}^{(10)}m_{012}^{(00)} - m_{000}^{(20)}m_{001}^{(11)}m_{111}^{(11)}m_{102}^{(00)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{111}^{(20)}m_{021}^{(00)} + m_{000}^{(20)}m_{001}^{(20)}m_{300}^{(11)}m_{021}^{(21)} - m_{000}^{(20)}m_{001}^{(20)}m_{300}^{(21)}m_{030}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{300}^{(21)}m_{021}^{(11)} + m_{000}^{(20)}m_{001}^{(20)}m_{300}^{(22)}m_{030}^{(11)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(11)}m_{111}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(11)}m_{021}^{(20)} + m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(20)}m_{030}^{(21)} - m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(20)}m_{021}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(21)}m_{120}^{(21)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(21)}m_{111}^{(11)} + m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(21)}m_{030}^{(20)}\\
&+2m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(21)}m_{021}^{(10)} - m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(22)}m_{120}^{(11)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(22)}m_{030}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{201}^{(10)}m_{030}^{(21)} + m_{000}^{(20)}m_{001}^{(20)}m_{201}^{(10)}m_{021}^{(11)} + m_{000}^{(20)}m_{001}^{(20)}m_{201}^{(11)}m_{120}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{201}^{(11)}m_{021}^{(10)} - m_{000}^{(20)}m_{001}^{(20)}m_{201}^{(21)}m_{120}^{(11)} + m_{000}^{(20)}m_{001}^{(20)}m_{201}^{(21)}m_{030}^{(10)}
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&-m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(00)}m_{030}^{(22)} - m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(00)}m_{021}^{(21)} + m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(00)}m_{012}^{(11)}\\
&+2m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(10)}m_{120}^{(22)} + 3m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(10)}m_{111}^{(21)} - m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(10)}m_{102}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(10)}m_{021}^{(20)} - m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(10)}m_{012}^{(10)} + 3m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(11)}m_{111}^{(20)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(11)}m_{102}^{(10)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(20)}m_{120}^{(21)} - m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(20)}m_{111}^{(11)}\\
&+3m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(20)}m_{021}^{(10)} - 5m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(21)}m_{111}^{(10)} - m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(21)}m_{021}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(22)}m_{030}^{(00)} + 3m_{000}^{(20)}m_{001}^{(20)}m_{111}^{(00)}m_{030}^{(21)} - m_{000}^{(20)}m_{001}^{(20)}m_{111}^{(00)}m_{021}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{111}^{(10)}m_{030}^{(20)} + m_{000}^{(20)}m_{001}^{(20)}m_{111}^{(11)}m_{021}^{(00)} - 3m_{000}^{(20)}m_{001}^{(20)}m_{111}^{(20)}m_{030}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{111}^{(21)}m_{030}^{(00)} - m_{000}^{(20)}m_{001}^{(20)}m_{102}^{(00)}m_{030}^{(11)} + m_{000}^{(20)}m_{001}^{(20)}m_{102}^{(10)}m_{030}^{(10)}\\
&+2m_{000}^{(20)}m_{001}^{(20)}m_{030}^{(00)}m_{021}^{(20)} - m_{000}^{(20)}m_{001}^{(20)}m_{030}^{(00)}m_{012}^{(10)} + m_{000}^{(20)}m_{001}^{(20)}m_{030}^{(10)}m_{012}^{(00)}\\
&-2m_{000}^{(20)}m_{001}^{(20)}m_{030}^{(20)}m_{021}^{(00)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(10)}m_{021}^{(21)} + m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(11)}m_{111}^{(21)}\\
&+2m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(20)}m_{021}^{(11)} + m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(21)}m_{120}^{(21)} - m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(21)}m_{111}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(22)}m_{120}^{(11)} + m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(00)}m_{030}^{(22)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(00)}m_{021}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(00)}m_{012}^{(11)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(10)}m_{120}^{(22)} - m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(10)}m_{111}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(10)}m_{102}^{(11)} + 3m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(10)}m_{021}^{(20)} + m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(10)}m_{012}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(11)}m_{210}^{(22)} + m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(11)}m_{201}^{(21)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(11)}m_{111}^{(20)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(11)}m_{102}^{(10)} - m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(20)}m_{030}^{(20)} - 5m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(20)}m_{021}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(21)}(m_{210}^{(21)})^2 - m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(21)}m_{201}^{(11)} + 3m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(21)}m_{111}^{(10)}\\
&+2m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(22)}m_{120}^{(10)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(00)}m_{021}^{(11)} + m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(10)}m_{120}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(10)}m_{111}^{(11)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(10)}m_{021}^{(10)} - m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(11)}m_{111}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(21)}m_{120}^{(10)} - m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(00)}m_{120}^{(22)} - 3m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(00)}m_{021}^{(20)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(00)}m_{012}^{(10)} + m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(10)}m_{111}^{(20)} - m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(10)}m_{102}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(10)}m_{012}^{(00)} + m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(11)}m_{102}^{(00)} + m_{000}^{(20)}m_{001}^{(21)}(m_{120}^{(20)})^2\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(20)}m_{111}^{(10)} + 3m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(20)}m_{021}^{(00)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(21)}m_{111}^{(00)}\\
&+2m_{000}^{(20)}m_{001}^{(21)}m_{111}^{(00)}m_{111}^{(11)} - m_{000}^{(20)}m_{001}^{(21)}m_{111}^{(00)}m_{030}^{(20)} + 3m_{000}^{(20)}m_{001}^{(21)}m_{111}^{(00)}m_{021}^{(10)}\\
&-2m_{000}^{(20)}m_{001}^{(21)}(m_{111}^{(10)})^2 - 3m_{000}^{(20)}m_{001}^{(21)}m_{111}^{(10)}m_{021}^{(00)} + m_{000}^{(20)}m_{001}^{(21)}m_{111}^{(20)}m_{030}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(22)}m_{300}^{(10)}m_{030}^{(21)} - m_{000}^{(20)}m_{001}^{(22)}m_{300}^{(11)}m_{120}^{(21)} - m_{000}^{(20)}m_{001}^{(22)}m_{300}^{(20)}m_{030}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(22)}m_{300}^{(21)}m_{120}^{(11)} - 2m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(00)}m_{030}^{(21)} + m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(00)}m_{021}^{(11)}\\
&+2m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(10)}m_{120}^{(21)} - m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(10)}m_{111}^{(11)} - m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(10)}m_{030}^{(20)}\\
&-m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(10)}m_{021}^{(10)} + m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(11)}m_{120}^{(20)} + m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(11)}m_{111}^{(10)}\\
&+3m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(20)}m_{030}^{(10)} - 3m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(21)}m_{120}^{(10)} + m_{000}^{(20)}m_{001}^{(22)}m_{201}^{(00)}m_{030}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(22)}m_{201}^{(10)}m_{120}^{(11)} - m_{000}^{(20)}m_{001}^{(22)}m_{201}^{(10)}m_{030}^{(10)} + m_{000}^{(20)}m_{001}^{(22)}m_{201}^{(11)}m_{120}^{(10)}\\
&+2m_{000}^{(20)}m_{001}^{(22)}m_{120}^{(00)}m_{120}^{(21)} - m_{000}^{(20)}m_{001}^{(22)}m_{120}^{(00)}m_{111}^{(11)} + 2m_{000}^{(20)}m_{001}^{(22)}m_{120}^{(00)}m_{030}^{(20)}\\
&-m_{000}^{(20)}m_{001}^{(22)}m_{120}^{(00)}m_{021}^{(10)} - 2m_{000}^{(20)}m_{001}^{(22)}m_{120}^{(10)}m_{120}^{(20)} + 2m_{000}^{(20)}m_{001}^{(22)}m_{120}^{(10)}m_{111}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(22)}m_{120}^{(00)}m_{021}^{(00)} - m_{000}^{(20)}m_{001}^{(22)}m_{120}^{(11)}m_{111}^{(00)} - 2m_{000}^{(20)}m_{001}^{(22)}m_{120}^{(20)}m_{030}^{(00)}\\
&-m_{000}^{(20)}m_{001}^{(22)}m_{111}^{(00)}m_{030}^{(10)} + m_{000}^{(20)}m_{001}^{(22)}m_{111}^{(10)}m_{030}^{(00)} + m_{000}^{(21)}m_{100}^{(00)}m_{210}^{(11)}m_{012}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{210}^{(11)}m_{003}^{(21)} - m_{000}^{(21)}m_{100}^{(00)}m_{210}^{(21)}m_{021}^{(22)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{210}^{(21)}m_{012}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{210}^{(21)}m_{003}^{(11)} + m_{000}^{(21)}m_{100}^{(00)}m_{210}^{(22)}m_{021}^{(21)} + m_{000}^{(21)}m_{100}^{(00)}m_{210}^{(22)}m_{012}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{201}^{(11)}m_{021}^{(22)} - m_{000}^{(21)}m_{100}^{(00)}m_{201}^{(11)}m_{012}^{(21)} + m_{000}^{(21)}m_{100}^{(00)}m_{201}^{(21)}m_{030}^{(22)}
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&+2m_{000}^{(21)}m_{100}^{(00)}m_{201}^{(21)}m_{021}^{(21)}+m_{000}^{(21)}m_{100}^{(00)}m_{201}^{(21)}m_{012}^{(11)}-m_{000}^{(21)}m_{100}^{(00)}m_{201}^{(22)}m_{030}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{201}^{(22)}m_{021}^{(11)}-m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(10)}m_{012}^{(22)}-m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(10)}m_{003}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(11)}m_{003}^{(20)}+m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(20)}m_{021}^{(22)}+m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(20)}m_{012}^{(21)}\\
&+2m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(21)}m_{012}^{(20)}+2m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(21)}m_{003}^{(10)}-m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(22)}m_{021}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(22)}m_{012}^{(10)}+m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(10)}m_{021}^{(22)}+2m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(10)}m_{012}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(10)}m_{003}^{(11)}-m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(11)}m_{012}^{(20)}-m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(11)}m_{003}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(20)}m_{030}^{(22)}-2m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(20)}m_{021}^{(21)}-m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(20)}m_{012}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(22)}m_{030}^{(20)}+m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(22)}m_{021}^{(10)}-m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(10)}m_{021}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(10)}m_{012}^{(11)}+2m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(11)}m_{021}^{(20)}+m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(11)}m_{012}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(20)}m_{030}^{(21)}+m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(20)}m_{021}^{(11)}-2m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(21)}m_{030}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(21)}m_{021}^{(10)}+m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(22)}m_{030}^{(10)}-m_{000}^{(21)}m_{100}^{(00)}m_{030}^{(00)}m_{012}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{030}^{(00)}m_{003}^{(21)}-m_{000}^{(21)}m_{100}^{(00)}m_{030}^{(21)}m_{003}^{(00)}+m_{000}^{(21)}m_{100}^{(00)}m_{030}^{(22)}m_{012}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{021}^{(00)}m_{012}^{(21)}-m_{000}^{(21)}m_{100}^{(00)}m_{021}^{(00)}m_{003}^{(11)}+m_{000}^{(21)}m_{100}^{(00)}m_{021}^{(11)}m_{003}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{021}^{(21)}m_{012}^{(00)}-m_{000}^{(21)}m_{100}^{(10)}m_{300}^{(11)}m_{012}^{(22)}-m_{000}^{(21)}m_{100}^{(10)}m_{300}^{(11)}m_{003}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{300}^{(21)}m_{021}^{(22)}+2m_{000}^{(21)}m_{100}^{(10)}m_{300}^{(21)}m_{012}^{(21)}+m_{000}^{(21)}m_{100}^{(10)}m_{300}^{(21)}m_{003}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{300}^{(22)}m_{021}^{(21)}-m_{000}^{(21)}m_{100}^{(10)}m_{300}^{(22)}m_{012}^{(11)}+m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(11)}m_{003}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(20)}m_{021}^{(22)}+m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(20)}m_{003}^{(11)}+m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(21)}m_{111}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(21)}m_{102}^{(21)}-2m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(21)}m_{012}^{(20)}-2m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(21)}m_{003}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(22)}m_{111}^{(21)}-m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(22)}m_{102}^{(11)}+m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(22)}m_{021}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(22)}m_{012}^{(10)}+m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(10)}m_{021}^{(22)}-m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(10)}m_{003}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(11)}m_{111}^{(22)}+m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(11)}m_{102}^{(21)}+2m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(11)}m_{012}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(11)}m_{003}^{(10)}-2m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(21)}m_{120}^{(22)}-3m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(21)}m_{111}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(21)}m_{102}^{(11)}-2m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(21)}m_{021}^{(20)}-2m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(21)}m_{012}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(22)}m_{120}^{(21)}+2m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(22)}m_{111}^{(11)}+m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(22)}m_{021}^{(10)}\\
&+3m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(00)}m_{012}^{(22)}-m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(00)}m_{003}^{(21)}-2m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(10)}m_{102}^{(22)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(10)}m_{003}^{(20)}-3m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(20)}m_{111}^{(22)}+3m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(20)}m_{102}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(20)}m_{012}^{(20)}-2m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(20)}m_{003}^{(10)}-3m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(21)}m_{102}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(21)}m_{003}^{(00)}+3m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(22)}m_{111}^{(20)}+2m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(22)}m_{102}^{(10)}\\
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&+2m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(10)}m_{102}^{(21)}+m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(10)}m_{012}^{(20)}+m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(10)}m_{003}^{(10)}\\
&-3m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(11)}m_{102}^{(20)}-m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(11)}m_{003}^{(00)}+4m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(20)}m_{111}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(20)}m_{102}^{(11)}+m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(20)}m_{021}^{(20)}+m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(20)}m_{012}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(21)}m_{102}^{(10)}+2m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(21)}m_{012}^{(00)}-m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(22)}m_{021}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{102}^{(00)}m_{030}^{(22)}+m_{000}^{(21)}m_{100}^{(10)}m_{102}^{(00)}m_{021}^{(21)}+2m_{000}^{(21)}m_{100}^{(10)}m_{102}^{(00)}m_{012}^{(11)}\\
&-3m_{000}^{(21)}m_{100}^{(10)}m_{102}^{(10)}m_{021}^{(20)}-m_{000}^{(21)}m_{100}^{(10)}m_{102}^{(10)}m_{012}^{(10)}-m_{000}^{(21)}m_{100}^{(10)}m_{102}^{(11)}m_{012}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{102}^{(20)}m_{030}^{(20)}+m_{000}^{(21)}m_{100}^{(10)}m_{102}^{(20)}m_{021}^{(10)}+m_{000}^{(21)}m_{100}^{(10)}m_{102}^{(21)}m_{021}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{030}^{(00)}m_{003}^{(20)}+m_{000}^{(21)}m_{100}^{(10)}m_{030}^{(20)}m_{003}^{(00)}-m_{000}^{(21)}m_{100}^{(10)}m_{021}^{(00)}m_{012}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{021}^{(00)}m_{003}^{(10)}-2m_{000}^{(21)}m_{100}^{(10)}m_{021}^{(10)}m_{003}^{(00)}+m_{000}^{(21)}m_{100}^{(10)}m_{021}^{(20)}m_{012}^{(00)}
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&+m_{000}^{(21)}m_{100}^{(11)}m_{300}^{(10)}m_{012}^{(22)}+m_{000}^{(21)}m_{100}^{(11)}m_{300}^{(10)}m_{003}^{(21)}-m_{000}^{(21)}m_{100}^{(11)}m_{300}^{(20)}m_{012}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{300}^{(20)}m_{003}^{(11)}-m_{000}^{(21)}m_{100}^{(11)}m_{300}^{(21)}m_{111}^{(22)}-m_{000}^{(21)}m_{100}^{(11)}m_{300}^{(21)}m_{102}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{300}^{(22)}m_{111}^{(21)}+m_{000}^{(21)}m_{100}^{(11)}m_{300}^{(22)}m_{102}^{(11)}-2m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(00)}m_{012}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(10)}m_{102}^{(22)}-2m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(10)}m_{003}^{(20)}+2m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(20)}m_{111}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(20)}m_{102}^{(21)}+2m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(20)}m_{012}^{(20)}+2m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(20)}m_{003}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(21)}m_{201}^{(22)}+2m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(21)}m_{102}^{(20)}+m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(22)}m_{201}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(22)}m_{111}^{(20)}-2m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(22)}m_{102}^{(10)}-m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(00)}m_{021}^{(22)}\\
&+2m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(00)}m_{012}^{(21)}+m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(00)}m_{003}^{(11)}+m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(10)}m_{111}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(10)}m_{102}^{(21)}-3m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(10)}m_{012}^{(20)}-m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(10)}m_{003}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(11)}m_{201}^{(22)}+m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(11)}m_{102}^{(20)}-m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(20)}m_{111}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(20)}m_{021}^{(20)}+m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(20)}m_{012}^{(10)}+m_{000}^{(21)}m_{100}^{(11)}(m_{201}^{(21)})^2\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(21)}m_{111}^{(20)}+m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(21)}m_{102}^{(10)}-m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(22)}m_{111}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{120}^{(00)}m_{003}^{(20)}-m_{000}^{(21)}m_{100}^{(11)}m_{120}^{(20)}m_{102}^{(20)}-m_{000}^{(21)}m_{100}^{(11)}m_{120}^{(20)}m_{003}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{120}^{(22)}m_{102}^{(00)}+2m_{000}^{(21)}m_{100}^{(11)}m_{111}^{(00)}m_{111}^{(22)}+2m_{000}^{(21)}m_{100}^{(11)}m_{111}^{(00)}m_{012}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(11)}m_{111}^{(00)}m_{003}^{(10)}+m_{000}^{(21)}m_{100}^{(11)}m_{111}^{(10)}m_{102}^{(20)}+2m_{000}^{(21)}m_{100}^{(11)}m_{111}^{(10)}m_{003}^{(00)}\\
&-2m_{000}^{(21)}m_{100}^{(11)}(m_{111}^{(20)})^2+m_{000}^{(21)}m_{100}^{(11)}m_{111}^{(20)}m_{102}^{(10)}-2m_{000}^{(21)}m_{100}^{(11)}m_{111}^{(20)}m_{012}^{(00)}\\
&-2m_{000}^{(21)}m_{100}^{(11)}m_{111}^{(21)}m_{102}^{(00)}-m_{000}^{(21)}m_{100}^{(11)}m_{102}^{(00)}m_{102}^{(11)}+m_{000}^{(21)}m_{100}^{(11)}m_{102}^{(00)}m_{021}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(11)}m_{102}^{(00)}m_{012}^{(10)}+m_{000}^{(21)}m_{100}^{(11)}(m_{102}^{(10)})^2+2m_{000}^{(21)}m_{100}^{(11)}m_{102}^{(10)}m_{012}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{102}^{(20)}m_{021}^{(00)}+m_{000}^{(21)}m_{100}^{(20)}m_{300}^{(11)}m_{021}^{(22)}+m_{000}^{(21)}m_{100}^{(20)}m_{300}^{(11)}m_{012}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{300}^{(21)}m_{030}^{(22)}-2m_{000}^{(21)}m_{100}^{(20)}m_{300}^{(21)}m_{021}^{(21)}-m_{000}^{(21)}m_{100}^{(20)}m_{300}^{(21)}m_{012}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{300}^{(22)}m_{030}^{(21)}+m_{000}^{(21)}m_{100}^{(20)}m_{300}^{(22)}m_{021}^{(11)}-2m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(11)}m_{111}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(11)}m_{102}^{(21)}-m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(11)}m_{012}^{(20)}+m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(20)}m_{030}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(20)}m_{012}^{(11)}+m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(21)}m_{120}^{(22)}+3m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(21)}m_{111}^{(21)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(21)}m_{102}^{(11)}+2m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(21)}m_{021}^{(20)}+2m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(21)}m_{012}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(22)}m_{120}^{(21)}-m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(22)}m_{111}^{(11)}-m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(22)}m_{030}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(22)}m_{021}^{(10)}-m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(10)}m_{030}^{(22)}+m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(10)}m_{012}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(11)}m_{120}^{(22)}+m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(11)}m_{111}^{(21)}-2m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(11)}m_{021}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(11)}m_{012}^{(10)}-m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(21)}m_{120}^{(21)}-m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(21)}m_{111}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(21)}m_{030}^{(20)}+2m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(21)}m_{021}^{(10)}-m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(22)}m_{030}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(00)}m_{021}^{(22)}-m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(00)}m_{012}^{(21)}+m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(00)}m_{003}^{(11)}\\
&+3m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(10)}m_{111}^{(22)}+3m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(10)}m_{102}^{(21)}-m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(10)}m_{012}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(10)}m_{003}^{(10)}+2m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(11)}m_{102}^{(20)}-2m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(20)}m_{111}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(20)}m_{102}^{(11)}+m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(20)}m_{021}^{(20)}+3m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(20)}m_{012}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(21)}m_{111}^{(20)}-3m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(21)}m_{102}^{(10)}-m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(21)}m_{012}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(22)}m_{111}^{(10)}+m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(22)}m_{021}^{(00)}+4m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(00)}m_{021}^{(21)}\\
&-4m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(10)}m_{111}^{(21)}-3m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(10)}m_{102}^{(11)}-m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(10)}m_{021}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(10)}m_{012}^{(10)}+4m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(11)}m_{111}^{(20)}+3m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(11)}m_{102}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(11)}m_{012}^{(00)}-m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(20)}m_{030}^{(20)}-m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(20)}m_{021}^{(10)}
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&-2m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(21)}m_{021}^{(00)} + m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(22)}m_{030}^{(00)} + m_{000}^{(21)}m_{100}^{(20)}m_{102}^{(00)}m_{030}^{(21)}\\
&-3m_{000}^{(21)}m_{100}^{(20)}m_{102}^{(00)}m_{021}^{(11)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{102}^{(10)}m_{030}^{(20)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{102}^{(10)}m_{021}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{102}^{(11)}m_{021}^{(00)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{102}^{(20)}m_{030}^{(10)} - m_{000}^{(21)}m_{100}^{(20)}m_{102}^{(21)}m_{030}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{030}^{(00)}m_{012}^{(20)} - m_{000}^{(21)}m_{100}^{(20)}m_{030}^{(00)}m_{003}^{(10)} + m_{000}^{(21)}m_{100}^{(20)}m_{030}^{(10)}m_{003}^{(00)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{030}^{(20)}m_{012}^{(00)} - m_{000}^{(21)}m_{100}^{(20)}m_{021}^{(00)}m_{012}^{(10)} + m_{000}^{(21)}m_{100}^{(20)}m_{021}^{(10)}m_{012}^{(00)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(10)}m_{021}^{(22)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(10)}m_{012}^{(21)} + m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(11)}m_{111}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(11)}m_{102}^{(21)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(20)}m_{021}^{(21)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(20)}m_{012}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(21)}m_{120}^{(22)} - m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(21)}m_{102}^{(11)} - m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(22)}m_{120}^{(21)}\\
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&-m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(00)}m_{003}^{(11)} - m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(10)}m_{111}^{(22)} - m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(10)}m_{102}^{(21)}\\
&+3m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(10)}m_{012}^{(20)} + m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(10)}m_{003}^{(10)} - m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(11)}m_{102}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(20)}m_{120}^{(22)} - m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(20)}m_{111}^{(21)} + m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(20)}m_{102}^{(11)}\\
&-3m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(20)}m_{021}^{(20)} - 5m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(20)}m_{012}^{(10)} - m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(21)}m_{111}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(21)}m_{102}^{(10)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(22)}m_{120}^{(20)} + 3m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(22)}m_{111}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(00)}m_{030}^{(22)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(00)}m_{021}^{(21)} - 3m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(00)}m_{012}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(10)}m_{120}^{(22)} + m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(10)}m_{111}^{(21)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(10)}m_{102}^{(11)}\\
&+5m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(10)}m_{021}^{(20)} + 3m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(10)}m_{012}^{(10)} - 3m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(11)}m_{111}^{(20)}\\
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&-m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(20)}m_{030}^{(20)} - 3m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(20)}m_{021}^{(10)} - m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(21)}m_{120}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(21)}m_{111}^{(10)} + m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(22)}m_{120}^{(10)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{120}^{(00)}m_{111}^{(22)}\\
&-3m_{000}^{(21)}m_{100}^{(21)}m_{120}^{(00)}m_{012}^{(20)} + m_{000}^{(21)}m_{100}^{(21)}m_{120}^{(00)}m_{003}^{(10)} - m_{000}^{(21)}m_{100}^{(21)}m_{120}^{(10)}m_{003}^{(00)}\\
&+4m_{000}^{(21)}m_{100}^{(21)}m_{120}^{(20)}m_{111}^{(20)} + 3m_{000}^{(21)}m_{100}^{(21)}m_{120}^{(20)}m_{012}^{(00)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{120}^{(22)}m_{111}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{111}^{(00)}m_{102}^{(11)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{111}^{(00)}m_{021}^{(20)} + 4m_{000}^{(21)}m_{100}^{(21)}m_{111}^{(00)}m_{012}^{(10)}\\
&-4m_{000}^{(21)}m_{100}^{(21)}m_{111}^{(10)}m_{102}^{(10)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{111}^{(10)}m_{012}^{(00)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{111}^{(11)}m_{102}^{(00)}\\
&+4m_{000}^{(21)}m_{100}^{(21)}m_{111}^{(20)}m_{021}^{(00)} - m_{000}^{(21)}m_{100}^{(21)}m_{102}^{(00)}m_{030}^{(20)} + 3m_{000}^{(21)}m_{100}^{(21)}m_{102}^{(00)}m_{021}^{(10)}\\
&-3m_{000}^{(21)}m_{100}^{(21)}m_{102}^{(10)}m_{021}^{(00)} + m_{000}^{(21)}m_{100}^{(21)}m_{102}^{(20)}m_{030}^{(00)} + m_{000}^{(21)}m_{100}^{(22)}m_{300}^{(10)}m_{030}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{300}^{(10)}m_{021}^{(21)} - m_{000}^{(21)}m_{100}^{(22)}m_{300}^{(11)}m_{120}^{(22)} - m_{000}^{(21)}m_{100}^{(22)}m_{300}^{(11)}m_{111}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{300}^{(20)}m_{030}^{(21)} - m_{000}^{(21)}m_{100}^{(22)}m_{300}^{(20)}m_{021}^{(11)} + m_{000}^{(21)}m_{100}^{(22)}m_{300}^{(21)}m_{120}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{300}^{(21)}m_{111}^{(11)} - m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(00)}m_{030}^{(22)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(00)}m_{021}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(00)}m_{012}^{(11)} + m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(10)}m_{111}^{(21)} - m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(10)}m_{021}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(10)}m_{012}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(11)}m_{210}^{(22)} + m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(11)}m_{201}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(11)}m_{111}^{(20)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(20)}m_{120}^{(21)} - m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(20)}m_{111}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(20)}m_{030}^{(20)} + 3m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(20)}m_{021}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}(m_{210}^{(21)})^2\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(21)}m_{201}^{(11)} - m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(21)}m_{120}^{(20)} - m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(21)}m_{111}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(22)}m_{120}^{(10)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{201}^{(00)}m_{021}^{(11)} + m_{000}^{(21)}m_{100}^{(22)}m_{201}^{(10)}m_{021}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(22)}m_{201}^{(10)}m_{111}^{(11)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{201}^{(10)}m_{030}^{(20)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{201}^{(10)}m_{021}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(22)}m_{201}^{(11)}m_{120}^{(20)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{201}^{(11)}m_{111}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{201}^{(20)}m_{120}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(22)}m_{201}^{(20)}m_{030}^{(10)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{201}^{(21)}m_{120}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{120}^{(00)}m_{120}^{(22)}
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&+2m_{000}^{(21)}m_{100}^{(22)}m_{120}^{(00)}m_{111}^{(21)} - m_{000}^{(21)}m_{100}^{(22)}m_{120}^{(00)}m_{102}^{(11)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{120}^{(00)}m_{021}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{100}^{(00)}m_{012}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{120}^{(10)}m_{111}^{(20)} + m_{000}^{(21)}m_{100}^{(22)}m_{120}^{(10)}m_{102}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{120}^{(10)}m_{012}^{(00)} - m_{000}^{(21)}m_{100}^{(22)}(m_{120}^{(20)})^2 - m_{000}^{(21)}m_{100}^{(22)}m_{120}^{(20)}m_{111}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(22)}m_{120}^{(20)}m_{021}^{(00)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{111}^{(00)}m_{111}^{(11)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{111}^{(00)}m_{030}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(22)}m_{111}^{(00)}m_{021}^{(10)} + 2m_{000}^{(21)}m_{100}^{(22)}(m_{111}^{(10)})^2 + 2m_{000}^{(21)}m_{100}^{(22)}m_{111}^{(10)}m_{021}^{(00)}\\
&-2m_{000}^{(21)}m_{100}^{(22)}m_{111}^{(20)}m_{030}^{(00)} - m_{000}^{(21)}m_{100}^{(22)}m_{102}^{(00)}m_{030}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{102}^{(10)}m_{030}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{210}^{(11)}m_{102}^{(22)} + m_{000}^{(21)}m_{010}^{(00)}m_{210}^{(21)}m_{111}^{(22)} + m_{000}^{(21)}m_{010}^{(00)}m_{210}^{(21)}m_{102}^{(21)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{210}^{(22)}m_{111}^{(21)} + m_{000}^{(21)}m_{010}^{(00)}m_{201}^{(11)}m_{111}^{(22)} - m_{000}^{(21)}m_{010}^{(00)}m_{201}^{(21)}m_{120}^{(22)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{201}^{(21)}m_{111}^{(21)} + m_{000}^{(21)}m_{010}^{(00)}m_{201}^{(22)}m_{120}^{(21)} + m_{000}^{(21)}m_{010}^{(00)}m_{120}^{(00)}m_{012}^{(22)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{120}^{(00)}m_{003}^{(21)} + m_{000}^{(21)}m_{010}^{(00)}m_{120}^{(10)}m_{003}^{(20)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{120}^{(20)}m_{111}^{(22)}\\
&+2m_{000}^{(21)}m_{010}^{(00)}m_{120}^{(20)}m_{102}^{(21)} - m_{000}^{(21)}m_{010}^{(00)}m_{120}^{(20)}m_{012}^{(20)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{120}^{(21)}m_{102}^{(20)}\\
&+2m_{000}^{(21)}m_{010}^{(00)}m_{120}^{(22)}m_{111}^{(20)} - m_{000}^{(21)}m_{010}^{(00)}m_{111}^{(00)}m_{021}^{(22)} + m_{000}^{(21)}m_{010}^{(00)}m_{111}^{(00)}m_{003}^{(11)}\\
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&-2m_{000}^{(21)}m_{010}^{(00)}m_{111}^{(20)}m_{102}^{(11)} + m_{000}^{(21)}m_{010}^{(00)}m_{111}^{(20)}m_{021}^{(20)} + m_{000}^{(21)}m_{010}^{(00)}m_{111}^{(20)}m_{012}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{102}^{(00)}m_{021}^{(21)} - m_{000}^{(21)}m_{010}^{(00)}m_{102}^{(00)}m_{012}^{(11)} + m_{000}^{(21)}m_{010}^{(00)}m_{102}^{(10)}m_{012}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{102}^{(20)}m_{021}^{(10)} + m_{000}^{(21)}m_{010}^{(10)}m_{300}^{(11)}m_{102}^{(22)} - m_{000}^{(21)}m_{010}^{(10)}m_{300}^{(21)}m_{111}^{(22)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{300}^{(21)}m_{102}^{(21)} + m_{000}^{(21)}m_{010}^{(10)}m_{300}^{(22)}m_{111}^{(21)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{210}^{(00)}m_{012}^{(22)}\\
&+2m_{000}^{(21)}m_{010}^{(10)}m_{210}^{(00)}m_{003}^{(21)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{210}^{(10)}m_{102}^{(22)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{210}^{(10)}m_{003}^{(20)}\\
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&+m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(20)}m_{111}^{(21)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(20)}m_{102}^{(11)} - m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(20)}m_{021}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(20)}m_{012}^{(10)} + m_{000}^{(21)}m_{010}^{(10)}(m_{201}^{(21)})^2 + m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(21)}m_{111}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(22)}m_{120}^{(20)} - m_{000}^{(21)}m_{010}^{(10)}m_{120}^{(00)}m_{102}^{(22)} + m_{000}^{(21)}m_{010}^{(10)}m_{120}^{(20)}m_{102}^{(20)}\\
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&+m_{000}^{(21)}m_{010}^{(10)}m_{102}^{(00)}m_{102}^{(11)} - m_{000}^{(21)}m_{010}^{(10)}m_{102}^{(00)}m_{021}^{(20)} + m_{000}^{(21)}m_{010}^{(10)}m_{102}^{(00)}m_{012}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(10)}(m_{102}^{(10)})^2 - m_{000}^{(21)}m_{010}^{(10)}m_{102}^{(10)}m_{012}^{(00)} + m_{000}^{(21)}m_{010}^{(10)}m_{102}^{(20)}m_{021}^{(00)}\\
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&-m_{000}^{(21)}m_{010}^{(11)}m_{210}^{(20)}m_{201}^{(22)} - m_{000}^{(21)}m_{010}^{(11)}m_{210}^{(20)}m_{102}^{(20)} + m_{000}^{(21)}m_{010}^{(11)}m_{210}^{(22)}m_{201}^{(20)}\\
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&+2m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(10)}m_{201}^{(22)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(10)}m_{102}^{(20)} - m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(10)}m_{003}^{(00)}
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&-2m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(20)}m_{201}^{(21)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(20)}m_{111}^{(20)} - 3m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(20)}m_{102}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(20)}m_{012}^{(00)} + m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(21)}m_{102}^{(00)} - m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(22)}m_{111}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(11)}m_{111}^{(00)}m_{102}^{(20)} + m_{000}^{(21)}m_{010}^{(11)}m_{111}^{(20)}m_{102}^{(00)} - m_{000}^{(21)}m_{010}^{(20)}m_{300}^{(11)}m_{111}^{(22)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{300}^{(21)}m_{120}^{(22)} + m_{000}^{(21)}m_{010}^{(20)}m_{300}^{(21)}m_{111}^{(21)} - m_{000}^{(21)}m_{010}^{(20)}m_{300}^{(21)}m_{120}^{(21)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(00)}m_{021}^{(22)} - m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(00)}m_{003}^{(11)} - m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(10)}m_{111}^{(22)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(10)}m_{102}^{(21)} + m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(10)}m_{012}^{(20)} + m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(10)}m_{003}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(11)}m_{201}^{(22)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(20)}m_{120}^{(22)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(20)}m_{111}^{(21)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(20)}m_{102}^{(11)} - m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(20)}m_{021}^{(20)} - m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(20)}m_{012}^{(10)}\\
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&-m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(22)}m_{201}^{(11)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(22)}m_{120}^{(20)} + m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(22)}m_{111}^{(10)}\\
&-2m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(00)}m_{021}^{(21)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(00)}m_{012}^{(11)} + m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(10)}m_{120}^{(22)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(10)}m_{111}^{(21)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(10)}m_{012}^{(10)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(11)}m_{111}^{(20)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(20)}m_{120}^{(21)} - 4m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(20)}m_{111}^{(11)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(20)}m_{021}^{(10)}\\
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&+m_{000}^{(21)}m_{010}^{(20)}m_{120}^{(20)}m_{012}^{(00)} + m_{000}^{(21)}m_{010}^{(20)}m_{120}^{(21)}m_{102}^{(00)} - m_{000}^{(21)}m_{010}^{(20)}m_{120}^{(22)}m_{111}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{111}^{(00)}m_{102}^{(11)} + m_{000}^{(21)}m_{010}^{(20)}m_{111}^{(00)}m_{021}^{(20)} - m_{000}^{(21)}m_{010}^{(20)}m_{111}^{(00)}m_{012}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{111}^{(10)}m_{102}^{(10)} + m_{000}^{(21)}m_{010}^{(20)}m_{111}^{(10)}m_{012}^{(00)} - m_{000}^{(21)}m_{010}^{(20)}m_{111}^{(20)}m_{021}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(00)}m_{021}^{(22)} + m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(00)}m_{003}^{(11)} + 3m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(10)}m_{111}^{(22)}\\
&+m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(10)}m_{102}^{(21)} - m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(10)}m_{012}^{(20)} - m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(10)}m_{003}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(11)}m_{201}^{(22)} + m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(20)}m_{120}^{(22)} - 3m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(20)}m_{111}^{(21)}\\
&-2m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(20)}m_{102}^{(11)} + m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(20)}m_{021}^{(20)} + m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(20)}m_{012}^{(10)}\\
&-2m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(21)}m_{210}^{(22)} + m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(21)}m_{111}^{(20)} + m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(21)}m_{102}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(22)}m_{210}^{(21)} + m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(22)}m_{201}^{(11)} - m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(22)}m_{120}^{(20)}\\
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&+m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(00)}m_{012}^{(20)} - m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(00)}m_{003}^{(10)} - m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(10)}m_{201}^{(22)}\\
&+m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(10)}m_{003}^{(00)} + 3m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(20)}m_{201}^{(21)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(20)}m_{102}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(20)}m_{012}^{(00)} - m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(21)}m_{201}^{(20)} - m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(21)}m_{102}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(22)}m_{201}^{(10)} + m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(22)}m_{111}^{(00)} + 3m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(00)}m_{111}^{(21)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(00)}m_{102}^{(11)} + m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(00)}m_{021}^{(20)} - m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(00)}m_{012}^{(10)}\\
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&+m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(10)}m_{012}^{(00)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(11)}m_{201}^{(20)} - m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(20)}m_{120}^{(20)}\\
&+3m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(20)}m_{111}^{(10)} - m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(20)}m_{021}^{(00)} - m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(21)}m_{111}^{(00)}\\
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&+m_{000}^{(21)}m_{010}^{(22)}m_{300}^{(00)}m_{021}^{(21)} - m_{000}^{(21)}m_{010}^{(22)}m_{300}^{(00)}m_{012}^{(11)} - m_{000}^{(21)}m_{010}^{(22)}m_{300}^{(10)}m_{120}^{(22)}\\
&-m_{000}^{(21)}m_{010}^{(22)}m_{300}^{(10)}m_{111}^{(21)} + m_{000}^{(21)}m_{010}^{(22)}m_{300}^{(10)}m_{012}^{(10)} + m_{000}^{(21)}m_{010}^{(22)}m_{300}^{(11)}m_{210}^{(22)}\\
&+2m_{000}^{(21)}m_{010}^{(22)}m_{300}^{(20)}m_{111}^{(11)} - m_{000}^{(21)}m_{010}^{(22)}m_{300}^{(20)}m_{021}^{(10)} - m_{000}^{(21)}m_{010}^{(22)}m_{300}^{(21)}m_{111}^{(10)}
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&-m_{000}^{(21)}m_{010}^{(22)}m_{300}^{(22)}m_{210}^{(11)}+m_{000}^{(21)}m_{010}^{(22)}m_{300}^{(22)}m_{120}^{(10)}+m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(00)}m_{120}^{(22)}\\
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&+m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(00)}m_{012}^{(10)}+m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(10)}m_{201}^{(21)}+m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(10)}m_{111}^{(20)}\\
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&+2m_{000}^{(21)}m_{010}^{(22)}m_{201}^{(10)}m_{120}^{(20)}-m_{000}^{(21)}m_{010}^{(22)}m_{201}^{(20)}m_{120}^{(10)}+m_{000}^{(21)}m_{010}^{(22)}m_{120}^{(00)}m_{111}^{(20)}\\
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&+2m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(10)}m_{102}^{(11)}+m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(10)}m_{021}^{(20)}+m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(10)}m_{012}^{(10)}\\
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&+m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(20)}m_{111}^{(10)}-m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(20)}m_{030}^{(20)}-m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(20)}m_{021}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(21)}m_{120}^{(20)}+2m_{000}^{(21)}m_{001}^{(10)}m_{201}^{(21)}m_{111}^{(10)}-m_{000}^{(21)}m_{001}^{(10)}m_{120}^{(00)}m_{102}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{120}^{(20)}m_{111}^{(20)}+2m_{000}^{(21)}m_{001}^{(10)}m_{120}^{(20)}m_{102}^{(10)}-m_{000}^{(21)}m_{001}^{(10)}m_{120}^{(21)}m_{102}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{120}^{(22)}m_{111}^{(00)}+m_{000}^{(21)}m_{001}^{(10)}m_{111}^{(00)}m_{102}^{(11)}+m_{000}^{(21)}m_{001}^{(10)}m_{111}^{(00)}m_{021}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{111}^{(00)}m_{012}^{(10)}-m_{000}^{(21)}m_{001}^{(10)}m_{111}^{(10)}m_{102}^{(10)}+m_{000}^{(21)}m_{001}^{(10)}m_{111}^{(10)}m_{012}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{111}^{(20)}m_{021}^{(00)}-m_{000}^{(21)}m_{001}^{(10)}m_{102}^{(00)}m_{030}^{(20)}+m_{000}^{(21)}m_{001}^{(10)}m_{102}^{(00)}m_{021}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{102}^{(10)}m_{021}^{(00)}+m_{000}^{(21)}m_{001}^{(10)}m_{102}^{(20)}m_{030}^{(00)}+m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(00)}m_{021}^{(22)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(00)}m_{012}^{(21)}-2m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(10)}m_{111}^{(22)}+m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(10)}m_{012}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(11)}m_{201}^{(22)}-m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(11)}m_{102}^{(20)}+m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(20)}m_{111}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(20)}m_{102}^{(11)}-m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(20)}m_{021}^{(20)}+m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(21)}m_{111}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(22)}m_{201}^{(11)}+m_{000}^{(21)}m_{001}^{(11)}m_{210}^{(00)}m_{102}^{(21)}+m_{000}^{(21)}m_{001}^{(11)}m_{210}^{(10)}m_{102}^{(20)}
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&-m_{000}^{(21)}m_{001}^{(11)}m_{210}^{(20)}m_{201}^{(21)} - 2m_{000}^{(21)}m_{001}^{(11)}m_{210}^{(20)}m_{102}^{(10)} - m_{000}^{(21)}m_{001}^{(11)}m_{210}^{(21)}m_{201}^{(20)}\\
&+2m_{000}^{(21)}m_{001}^{(11)}m_{210}^{(22)}m_{201}^{(10)} - m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(00)}m_{120}^{(22)} + m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(00)}m_{111}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(00)}m_{102}^{(11)} - m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(00)}m_{021}^{(20)} + m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(00)}m_{012}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(10)}m_{111}^{(20)} - m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(10)}m_{012}^{(00)} + m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(11)}m_{102}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(20)}m_{120}^{(20)} - m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(20)}m_{111}^{(10)} + m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(20)}m_{021}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(21)}m_{111}^{(00)} - m_{000}^{(21)}m_{001}^{(11)}m_{120}^{(00)}m_{102}^{(20)} + m_{000}^{(21)}m_{001}^{(11)}m_{120}^{(20)}m_{102}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{111}^{(00)}m_{102}^{(10)} - m_{000}^{(21)}m_{001}^{(11)}m_{111}^{(10)}m_{102}^{(00)} - m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(11)}m_{111}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(21)}m_{120}^{(21)} + m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(21)}m_{111}^{(11)} - m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(22)}m_{120}^{(11)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(00)}m_{030}^{(22)} - m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(00)}m_{012}^{(11)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(10)}m_{120}^{(22)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(10)}m_{111}^{(21)} + m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(10)}m_{102}^{(11)} + m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(10)}m_{021}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(10)}m_{012}^{(10)} + m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(11)}m_{210}^{(22)} + 3m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(11)}m_{201}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(11)}m_{102}^{(10)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(20)}m_{111}^{(11)} - m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(20)}m_{030}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(20)}m_{021}^{(10)} - m_{000}^{(21)}m_{001}^{(20)}(m_{210}^{(21)})^2 - 3m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(21)}m_{201}^{(11)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(21)}m_{111}^{(10)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(22)}m_{120}^{(10)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(00)}m_{030}^{(21)}\\
&+2m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(00)}m_{021}^{(11)} + 5m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(10)}m_{120}^{(21)} - 3m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(10)}m_{111}^{(11)}\\
&-2m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(10)}m_{021}^{(10)} + 3m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(11)}m_{111}^{(10)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(20)}m_{120}^{(11)}\\
&+2m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(20)}m_{030}^{(10)} - 3m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(21)}m_{120}^{(10)} - m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(00)}m_{120}^{(22)}\\
&+2m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(00)}m_{111}^{(21)} - m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(00)}m_{021}^{(20)} + m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(00)}m_{012}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(10)}m_{111}^{(20)} - m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(10)}m_{102}^{(10)} - m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(10)}m_{012}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(11)}m_{102}^{(00)} + m_{000}^{(21)}m_{001}^{(20)}(m_{120}^{(20)})^2 - 3m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(20)}m_{111}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(20)}m_{021}^{(00)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{111}^{(00)}m_{111}^{(11)} + m_{000}^{(21)}m_{001}^{(20)}m_{111}^{(00)}m_{030}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{111}^{(00)}m_{021}^{(10)} + 2m_{000}^{(21)}m_{001}^{(20)}(m_{111}^{(10)})^2 + m_{000}^{(21)}m_{001}^{(20)}m_{111}^{(10)}m_{021}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{111}^{(20)}m_{030}^{(00)} - m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(00)}m_{030}^{(22)} + m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(00)}m_{012}^{(11)}\\
&+2m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(10)}m_{120}^{(22)} + 3m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(10)}m_{111}^{(21)} - m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(10)}m_{102}^{(11)}\\
&-m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(10)}m_{021}^{(20)} - m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(10)}m_{012}^{(10)} - m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(11)}m_{210}^{(22)}\\
&-2m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(11)}m_{201}^{(21)} + m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(11)}m_{111}^{(20)} + m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(11)}m_{102}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(20)}m_{120}^{(21)} - 3m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(20)}m_{111}^{(11)} + m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(20)}m_{030}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(20)}m_{021}^{(10)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(21)}m_{201}^{(11)} - m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(21)}m_{120}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(21)}m_{111}^{(10)} + m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(22)}m_{210}^{(11)} + m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(00)}m_{120}^{(22)}\\
&-3m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(00)}m_{111}^{(21)} + m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(00)}m_{021}^{(20)} - m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(00)}m_{012}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(10)}m_{210}^{(22)} + m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(10)}m_{201}^{(21)} - 3m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(10)}m_{111}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(10)}m_{102}^{(10)} + m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(10)}m_{012}^{(00)} + m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(11)}m_{201}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(11)}m_{102}^{(00)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(20)}m_{210}^{(21)} + m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(20)}m_{201}^{(11)}\\
&-m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(20)}m_{120}^{(20)} + 5m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(20)}m_{111}^{(10)} - m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(20)}m_{021}^{(00)}\\
&-3m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(21)}m_{201}^{(10)} + m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(21)}m_{111}^{(00)} + m_{000}^{(21)}m_{001}^{(21)}m_{201}^{(00)}m_{120}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(21)}m_{201}^{(00)}m_{111}^{(11)} + m_{000}^{(21)}m_{001}^{(21)}m_{201}^{(00)}m_{030}^{(20)} - m_{000}^{(21)}m_{001}^{(21)}m_{201}^{(00)}m_{021}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(21)}m_{201}^{(10)}m_{120}^{(20)} + m_{000}^{(21)}m_{001}^{(21)}m_{201}^{(10)}m_{021}^{(00)} - m_{000}^{(21)}m_{001}^{(21)}m_{201}^{(11)}m_{111}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(21)}m_{201}^{(20)}m_{030}^{(00)} + m_{000}^{(21)}m_{001}^{(21)}m_{201}^{(21)}m_{120}^{(00)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{120}^{(00)}m_{111}^{(20)}
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&-2m_{000}^{(21)}m_{001}^{(21)}m_{120}^{(20)}m_{111}^{(00)} + m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(00)}m_{030}^{(21)} - m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(00)}m_{021}^{(11)}\\
&-3m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(10)}m_{120}^{(21)} + m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(10)}m_{111}^{(11)} + m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(10)}m_{021}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(11)}m_{210}^{(21)} - m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(11)}m_{111}^{(10)} + 2m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(20)}m_{120}^{(11)}\\
&-m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(20)}m_{030}^{(10)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(11)}m_{210}^{(11)} + m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(21)}m_{120}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(00)}m_{111}^{(11)} - m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(00)}m_{030}^{(20)} + m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(00)}m_{021}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(10)}m_{210}^{(21)} - m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(10)}m_{201}^{(11)} + 3m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(10)}m_{120}^{(20)}\\
&-2m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(10)}m_{111}^{(10)} - m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(10)}m_{021}^{(00)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(11)}m_{210}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(11)}m_{201}^{(10)} + m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(11)}m_{111}^{(00)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(20)}m_{120}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(20)}m_{030}^{(00)} - m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(21)}m_{120}^{(00)} - m_{000}^{(21)}m_{001}^{(22)}m_{201}^{(00)}m_{120}^{(11)}\\
&+m_{000}^{(21)}m_{001}^{(22)}m_{201}^{(10)}m_{120}^{(10)} - m_{000}^{(21)}m_{001}^{(22)}m_{120}^{(00)}m_{111}^{(10)} + m_{000}^{(21)}m_{001}^{(22)}m_{120}^{(10)}m_{111}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{210}^{(11)}m_{012}^{(21)} + m_{000}^{(22)}m_{100}^{(00)}m_{210}^{(21)}m_{021}^{(21)} + m_{000}^{(22)}m_{100}^{(00)}m_{210}^{(21)}m_{012}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{210}^{(22)}m_{021}^{(11)} + m_{000}^{(22)}m_{100}^{(00)}m_{201}^{(11)}m_{021}^{(21)} - m_{000}^{(22)}m_{100}^{(00)}m_{201}^{(21)}m_{030}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{201}^{(21)}m_{021}^{(11)} + m_{000}^{(22)}m_{100}^{(00)}m_{201}^{(22)}m_{030}^{(11)} + m_{000}^{(22)}m_{100}^{(00)}m_{120}^{(10)}m_{012}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{120}^{(11)}m_{012}^{(20)} - m_{000}^{(22)}m_{100}^{(00)}m_{120}^{(20)}m_{021}^{(21)} - m_{000}^{(22)}m_{100}^{(00)}m_{120}^{(21)}m_{021}^{(20)}\\
&-2m_{000}^{(22)}m_{100}^{(00)}m_{120}^{(21)}m_{012}^{(10)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{120}^{(22)}m_{021}^{(10)} - m_{000}^{(22)}m_{100}^{(00)}m_{111}^{(10)}m_{021}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{111}^{(10)}m_{012}^{(11)} - m_{000}^{(22)}m_{100}^{(00)}m_{111}^{(11)}m_{021}^{(20)} + m_{000}^{(22)}m_{100}^{(00)}m_{111}^{(11)}m_{012}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{111}^{(20)}m_{030}^{(21)} + m_{000}^{(22)}m_{100}^{(00)}m_{111}^{(20)}m_{021}^{(11)} + m_{000}^{(22)}m_{100}^{(00)}m_{111}^{(21)}m_{030}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{111}^{(21)}m_{021}^{(10)} - 2m_{000}^{(22)}m_{100}^{(00)}m_{111}^{(22)}m_{030}^{(10)} + m_{000}^{(22)}m_{100}^{(00)}m_{102}^{(10)}m_{021}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{102}^{(11)}m_{021}^{(10)} - m_{000}^{(22)}m_{100}^{(00)}m_{102}^{(20)}m_{030}^{(11)} + m_{000}^{(22)}m_{100}^{(00)}m_{102}^{(21)}m_{030}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{030}^{(00)}m_{021}^{(22)} - m_{000}^{(22)}m_{100}^{(00)}m_{030}^{(00)}m_{012}^{(21)} + m_{000}^{(22)}m_{100}^{(00)}m_{030}^{(21)}m_{012}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{030}^{(22)}m_{021}^{(00)} + m_{000}^{(22)}m_{100}^{(00)}m_{021}^{(00)}m_{012}^{(11)} - m_{000}^{(22)}m_{100}^{(00)}m_{021}^{(11)}m_{012}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{300}^{(11)}m_{012}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{300}^{(21)}m_{021}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{300}^{(21)}m_{012}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{300}^{(22)}m_{021}^{(11)} - m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(11)}m_{012}^{(20)} + m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(20)}m_{021}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(20)}m_{012}^{(11)} - m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(21)}m_{111}^{(21)} + m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(21)}m_{021}^{(20)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(21)}m_{012}^{(10)} + m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(22)}m_{111}^{(11)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(22)}m_{021}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(10)}m_{021}^{(21)} + m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(10)}m_{012}^{(11)} - m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(11)}m_{111}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(11)}m_{012}^{(10)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(21)}m_{120}^{(21)} + m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(21)}m_{111}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(21)}m_{021}^{(10)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(22)}m_{120}^{(11)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(00)}m_{021}^{(22)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(00)}m_{012}^{(21)} + 4m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(10)}m_{111}^{(22)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(10)}m_{102}^{(21)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(10)}m_{012}^{(20)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(11)}m_{102}^{(20)} - m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(20)}m_{111}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(20)}m_{021}^{(20)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(20)}m_{012}^{(10)} - m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(21)}m_{111}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(21)}m_{012}^{(00)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(22)}m_{111}^{(10)} + m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(22)}m_{021}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(00)}m_{030}^{(22)} + m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(00)}m_{021}^{(21)} + m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(10)}m_{102}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(10)}m_{021}^{(20)} - m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(10)}m_{012}^{(10)} - m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(11)}m_{102}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(11)}m_{012}^{(00)} - m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(20)}m_{030}^{(20)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(20)}m_{021}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(21)}m_{021}^{(00)} - m_{000}^{(22)}m_{100}^{(10)}m_{102}^{(00)}m_{021}^{(11)} + m_{000}^{(22)}m_{100}^{(10)}m_{102}^{(10)}m_{021}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{030}^{(00)}m_{012}^{(20)} - m_{000}^{(22)}m_{100}^{(10)}m_{030}^{(20)}m_{012}^{(00)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{021}^{(00)}m_{012}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{021}^{(10)}m_{012}^{(00)} - m_{000}^{(22)}m_{100}^{(11)}m_{300}^{(10)}m_{012}^{(21)} + m_{000}^{(22)}m_{100}^{(11)}m_{300}^{(20)}m_{012}^{(11)}
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&+m_{000}^{(22)}m_{100}^{(11)}m_{300}^{(21)}m_{111}^{(21)} - m_{000}^{(22)}m_{100}^{(11)}m_{300}^{(22)}m_{111}^{(11)} + m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(00)}m_{021}^{(22)}\\
&-2m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(10)}m_{111}^{(22)} + m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(10)}m_{102}^{(21)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(10)}m_{012}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(11)}m_{201}^{(22)} - m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(11)}m_{102}^{(20)} - m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(20)}m_{021}^{(20)}\\
&-2m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(20)}m_{012}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(21)}m_{201}^{(21)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(22)}m_{111}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{201}^{(00)}m_{012}^{(11)} + m_{000}^{(22)}m_{100}^{(11)}m_{201}^{(10)}m_{111}^{(21)} + m_{000}^{(22)}m_{100}^{(11)}m_{201}^{(10)}m_{012}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{201}^{(21)}m_{111}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{120}^{(00)}m_{012}^{(20)} + m_{000}^{(22)}m_{100}^{(11)}m_{120}^{(20)}m_{111}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{120}^{(20)}m_{012}^{(00)} - m_{000}^{(22)}m_{100}^{(11)}m_{120}^{(22)}m_{111}^{(00)} - m_{000}^{(22)}m_{100}^{(11)}m_{111}^{(00)}m_{021}^{(20)}\\
&+2m_{000}^{(22)}m_{100}^{(11)}m_{111}^{(00)}m_{012}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{111}^{(10)}m_{102}^{(10)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{111}^{(10)}m_{012}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{111}^{(11)}m_{102}^{(00)} + m_{000}^{(22)}m_{100}^{(11)}m_{111}^{(20)}m_{021}^{(00)} - m_{000}^{(22)}m_{100}^{(20)}m_{300}^{(11)}m_{021}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{300}^{(21)}m_{030}^{(21)} + m_{000}^{(22)}m_{100}^{(20)}m_{300}^{(21)}m_{021}^{(11)} - m_{000}^{(22)}m_{100}^{(20)}m_{300}^{(22)}m_{030}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(11)}m_{111}^{(21)} + m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(11)}m_{021}^{(20)} - m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(20)}m_{030}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(20)}m_{021}^{(11)} - m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(21)}m_{120}^{(21)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(21)}m_{111}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(21)}m_{030}^{(20)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(21)}m_{021}^{(10)} + m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(22)}m_{120}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(22)}m_{030}^{(10)} + m_{000}^{(22)}m_{100}^{(20)}m_{201}^{(10)}m_{030}^{(21)} - m_{000}^{(22)}m_{100}^{(20)}m_{201}^{(10)}m_{021}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{201}^{(11)}m_{120}^{(21)} + m_{000}^{(22)}m_{100}^{(20)}m_{201}^{(11)}m_{021}^{(10)} + m_{000}^{(22)}m_{100}^{(20)}m_{201}^{(21)}m_{120}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{201}^{(21)}m_{030}^{(10)} + m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(00)}m_{030}^{(22)} + m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(00)}m_{021}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(00)}m_{012}^{(11)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(10)}m_{120}^{(22)} - 3m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(10)}m_{111}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(10)}m_{102}^{(11)} + m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(10)}m_{021}^{(20)} + m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(10)}m_{012}^{(10)}\\
&-3m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(11)}m_{111}^{(20)} - m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(11)}m_{102}^{(10)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(20)}m_{120}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(20)}m_{111}^{(11)} - 3m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(20)}m_{021}^{(10)} + 5m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(21)}m_{111}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(21)}m_{021}^{(00)} - m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(22)}m_{030}^{(00)} - 3m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(00)}m_{111}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{111}^{(00)}m_{021}^{(11)} - m_{000}^{(22)}m_{100}^{(20)}m_{111}^{(10)}m_{030}^{(20)} - m_{000}^{(22)}m_{100}^{(20)}m_{111}^{(11)}m_{021}^{(00)}\\
&+3m_{000}^{(22)}m_{100}^{(20)}m_{111}^{(20)}m_{030}^{(10)} + m_{000}^{(22)}m_{100}^{(20)}m_{111}^{(21)}m_{030}^{(00)} + m_{000}^{(22)}m_{100}^{(20)}m_{102}^{(00)}m_{030}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{102}^{(10)}m_{030}^{(10)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{030}^{(00)}m_{021}^{(20)} + m_{000}^{(22)}m_{100}^{(20)}m_{030}^{(00)}m_{012}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{030}^{(10)}m_{012}^{(00)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{030}^{(20)}m_{021}^{(00)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{300}^{(10)}m_{021}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{300}^{(11)}m_{111}^{(21)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{300}^{(20)}m_{021}^{(11)} - m_{000}^{(22)}m_{100}^{(21)}m_{300}^{(21)}m_{120}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{300}^{(21)}m_{111}^{(11)} + m_{000}^{(22)}m_{100}^{(21)}m_{300}^{(22)}m_{120}^{(11)} - m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(00)}m_{030}^{(22)}\\
&-2m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(00)}m_{021}^{(21)} + m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(00)}m_{012}^{(11)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(10)}m_{120}^{(22)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(10)}m_{111}^{(21)} - m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(10)}m_{102}^{(11)} - 3m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(10)}m_{021}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(10)}m_{012}^{(10)} - m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(11)}m_{210}^{(22)} - m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(11)}m_{201}^{(21)}\\
&+2m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(11)}m_{111}^{(20)} + m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(11)}m_{102}^{(10)} + m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(20)}m_{030}^{(20)}\\
&+5m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(20)}m_{021}^{(10)} + m_{000}^{(22)}m_{100}^{(21)}(m_{210}^{(21)})^2 + m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(21)}m_{201}^{(11)}\\
&-3m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(21)}m_{111}^{(10)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(22)}m_{120}^{(10)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(00)}m_{021}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(10)}m_{120}^{(21)} - m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(10)}m_{111}^{(11)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(10)}m_{021}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(11)}m_{111}^{(10)} + m_{000}^{(22)}m_{100}^{(21)}m_{201}^{(21)}m_{120}^{(10)} + m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(00)}m_{120}^{(22)}\\
&+3m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(00)}m_{021}^{(20)} - m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(00)}m_{012}^{(10)} - m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(10)}m_{111}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(10)}m_{102}^{(10)} + m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(10)}m_{012}^{(00)} - m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(11)}m_{102}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(21)}(m_{120}^{(20)})^2 - m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(20)}m_{111}^{(10)} - 3m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(20)}m_{021}^{(00)}
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&+2m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(21)}m_{111}^{(00)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{111}^{(00)}m_{111}^{(11)} + m_{000}^{(22)}m_{100}^{(21)}m_{111}^{(00)}m_{030}^{(20)}\\
&-3m_{000}^{(22)}m_{100}^{(21)}m_{111}^{(00)}m_{021}^{(10)} + 2m_{000}^{(22)}m_{100}^{(21)}(m_{111}^{(10)})^2 + 3m_{000}^{(22)}m_{100}^{(21)}m_{111}^{(10)}m_{021}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{111}^{(20)}m_{030}^{(00)} - m_{000}^{(22)}m_{100}^{(22)}m_{300}^{(10)}m_{030}^{(21)} + m_{000}^{(22)}m_{100}^{(22)}m_{300}^{(11)}m_{120}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(22)}m_{300}^{(20)}m_{030}^{(11)} - m_{000}^{(22)}m_{100}^{(22)}m_{300}^{(21)}m_{120}^{(11)} + 2m_{000}^{(22)}m_{100}^{(22)}m_{210}^{(00)}m_{030}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(22)}m_{210}^{(00)}m_{021}^{(11)} - 2m_{000}^{(22)}m_{100}^{(22)}m_{210}^{(10)}m_{120}^{(21)} + m_{000}^{(22)}m_{100}^{(22)}m_{210}^{(10)}m_{111}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(22)}m_{210}^{(10)}m_{030}^{(20)} + m_{000}^{(22)}m_{100}^{(22)}m_{210}^{(10)}m_{021}^{(10)} - m_{000}^{(22)}m_{100}^{(22)}m_{210}^{(11)}m_{120}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(22)}m_{210}^{(11)}m_{111}^{(10)} - 3m_{000}^{(22)}m_{100}^{(22)}m_{210}^{(20)}m_{030}^{(10)} + 3m_{000}^{(22)}m_{100}^{(22)}m_{210}^{(21)}m_{120}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(22)}m_{201}^{(00)}m_{030}^{(11)} + m_{000}^{(22)}m_{100}^{(22)}m_{201}^{(10)}m_{120}^{(11)} + m_{000}^{(22)}m_{100}^{(22)}m_{201}^{(10)}m_{030}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(22)}m_{201}^{(11)}m_{120}^{(10)} - 2m_{000}^{(22)}m_{100}^{(22)}m_{120}^{(00)}m_{120}^{(21)} + m_{000}^{(22)}m_{100}^{(22)}m_{120}^{(00)}m_{111}^{(11)}\\
&-2m_{000}^{(22)}m_{100}^{(22)}m_{120}^{(00)}m_{030}^{(20)} + m_{000}^{(22)}m_{100}^{(22)}m_{120}^{(00)}m_{021}^{(10)} + 2m_{000}^{(22)}m_{100}^{(22)}m_{120}^{(10)}m_{120}^{(20)}\\
&-2m_{000}^{(22)}m_{100}^{(22)}m_{120}^{(10)}m_{111}^{(10)} - m_{000}^{(22)}m_{100}^{(22)}m_{120}^{(10)}m_{021}^{(00)} + m_{000}^{(22)}m_{100}^{(22)}m_{120}^{(11)}m_{111}^{(00)}\\
&+2m_{000}^{(22)}m_{100}^{(22)}m_{120}^{(20)}m_{030}^{(00)} + m_{000}^{(22)}m_{100}^{(22)}m_{111}^{(00)}m_{030}^{(10)} - m_{000}^{(22)}m_{100}^{(22)}m_{111}^{(10)}m_{030}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{210}^{(11)}m_{102}^{(21)} - m_{000}^{(22)}m_{010}^{(00)}m_{210}^{(21)}m_{111}^{(21)} - m_{000}^{(22)}m_{010}^{(00)}m_{210}^{(21)}m_{102}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{210}^{(22)}m_{111}^{(11)} - m_{000}^{(22)}m_{010}^{(00)}m_{201}^{(11)}m_{111}^{(21)} + m_{000}^{(22)}m_{010}^{(00)}m_{201}^{(21)}m_{120}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{201}^{(21)}m_{111}^{(11)} - m_{000}^{(22)}m_{010}^{(00)}m_{201}^{(22)}m_{120}^{(11)} - m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(00)}m_{021}^{(22)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(00)}m_{012}^{(21)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(10)}m_{111}^{(22)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(10)}m_{102}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(10)}m_{012}^{(20)} + m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(20)}m_{021}^{(20)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(21)}m_{102}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(22)}m_{111}^{(10)} + m_{000}^{(22)}m_{010}^{(00)}m_{111}^{(00)}m_{030}^{(22)} - m_{000}^{(22)}m_{010}^{(00)}m_{111}^{(00)}m_{012}^{(11)}\\
&+2m_{000}^{(22)}m_{010}^{(00)}m_{111}^{(10)}m_{102}^{(11)} + m_{000}^{(22)}m_{010}^{(00)}m_{111}^{(10)}m_{021}^{(20)} + m_{000}^{(22)}m_{010}^{(00)}m_{111}^{(10)}m_{012}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(00)}m_{111}^{(11)}m_{102}^{(10)} - m_{000}^{(22)}m_{010}^{(00)}m_{111}^{(20)}m_{030}^{(20)} - m_{000}^{(22)}m_{010}^{(00)}m_{111}^{(20)}m_{021}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{102}^{(00)}m_{030}^{(21)} + m_{000}^{(22)}m_{010}^{(00)}m_{102}^{(00)}m_{021}^{(11)} - m_{000}^{(22)}m_{010}^{(00)}m_{102}^{(10)}m_{021}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{102}^{(20)}m_{030}^{(10)} - m_{000}^{(22)}m_{010}^{(10)}m_{300}^{(11)}m_{102}^{(21)} + m_{000}^{(22)}m_{010}^{(10)}m_{300}^{(21)}m_{111}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{300}^{(21)}m_{102}^{(11)} - m_{000}^{(22)}m_{010}^{(10)}m_{300}^{(22)}m_{111}^{(11)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(00)}m_{021}^{(22)}\\
&-2m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(00)}m_{012}^{(21)} - 4m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(10)}m_{111}^{(22)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(10)}m_{102}^{(21)}\\
&+2m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(10)}m_{012}^{(20)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(11)}m_{201}^{(22)} - m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(11)}m_{102}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(20)}m_{111}^{(21)} + m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(20)}m_{102}^{(11)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(20)}m_{021}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(21)}m_{201}^{(21)} + m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(21)}m_{111}^{(20)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(21)}m_{102}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(22)}m_{201}^{(11)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(22)}m_{111}^{(10)} - m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(00)}m_{030}^{(22)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(00)}m_{012}^{(11)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(10)}m_{120}^{(22)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(10)}m_{111}^{(21)}\\
&-2m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(10)}m_{102}^{(11)} - m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(10)}m_{021}^{(20)} - m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(10)}m_{012}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(11)}m_{111}^{(20)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(11)}m_{102}^{(10)} - m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(20)}m_{120}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(20)}m_{111}^{(11)} + m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(20)}m_{030}^{(20)} + m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(20)}m_{021}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(21)}m_{120}^{(20)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(21)}m_{111}^{(10)} + m_{000}^{(22)}m_{010}^{(10)}m_{120}^{(00)}m_{102}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{120}^{(20)}m_{111}^{(20)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{120}^{(20)}m_{102}^{(10)} + m_{000}^{(22)}m_{010}^{(10)}m_{120}^{(21)}m_{102}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{120}^{(22)}m_{111}^{(00)} - m_{000}^{(22)}m_{010}^{(10)}m_{111}^{(00)}m_{102}^{(11)} - m_{000}^{(22)}m_{010}^{(10)}m_{111}^{(00)}m_{021}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{111}^{(00)}m_{012}^{(10)} + m_{000}^{(22)}m_{010}^{(10)}m_{111}^{(10)}m_{102}^{(10)} - m_{000}^{(22)}m_{010}^{(10)}m_{111}^{(10)}m_{012}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{111}^{(20)}m_{021}^{(00)} + m_{000}^{(22)}m_{010}^{(10)}m_{102}^{(00)}m_{030}^{(20)} - m_{000}^{(22)}m_{010}^{(10)}m_{102}^{(00)}m_{021}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{102}^{(10)}m_{021}^{(00)} - m_{000}^{(22)}m_{010}^{(10)}m_{102}^{(20)}m_{030}^{(00)} - m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(00)}m_{021}^{(22)}
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&+m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(00)}m_{012}^{(21)} + 2m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(10)}m_{111}^{(22)} - m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(10)}m_{012}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(11)}m_{201}^{(22)} + m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(11)}m_{102}^{(20)} - m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(20)}m_{111}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(20)}m_{102}^{(11)} + m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(20)}m_{021}^{(20)} - m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(21)}m_{111}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(22)}m_{201}^{(11)} - m_{000}^{(22)}m_{010}^{(11)}m_{210}^{(00)}m_{102}^{(21)} - m_{000}^{(22)}m_{010}^{(11)}m_{210}^{(10)}m_{102}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{210}^{(20)}m_{201}^{(21)} + 2m_{000}^{(22)}m_{010}^{(11)}m_{210}^{(20)}m_{102}^{(10)} + m_{000}^{(22)}m_{010}^{(11)}m_{210}^{(21)}m_{201}^{(20)}\\
&-2m_{000}^{(22)}m_{010}^{(11)}m_{210}^{(22)}m_{201}^{(10)} + m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(00)}m_{120}^{(22)} - m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(00)}m_{111}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(00)}m_{102}^{(11)} + m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(00)}m_{021}^{(20)} - m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(00)}m_{012}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(10)}m_{111}^{(20)} + m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(10)}m_{012}^{(00)} - m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(11)}m_{102}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(20)}m_{120}^{(20)} + m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(20)}m_{111}^{(10)} - m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(20)}m_{021}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(21)}m_{111}^{(00)} + m_{000}^{(22)}m_{010}^{(11)}m_{120}^{(00)}m_{102}^{(20)} - m_{000}^{(22)}m_{010}^{(11)}m_{120}^{(20)}m_{102}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{111}^{(00)}m_{102}^{(10)} + m_{000}^{(22)}m_{010}^{(11)}m_{111}^{(10)}m_{102}^{(00)} + m_{000}^{(22)}m_{010}^{(20)}m_{300}^{(11)}m_{111}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{300}^{(21)}m_{120}^{(21)} - m_{000}^{(22)}m_{010}^{(20)}m_{300}^{(21)}m_{111}^{(11)} + m_{000}^{(22)}m_{010}^{(20)}m_{300}^{(22)}m_{120}^{(11)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(00)}m_{030}^{(22)} + m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(00)}m_{012}^{(11)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(10)}m_{120}^{(22)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(10)}m_{111}^{(21)} - m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(10)}m_{102}^{(11)} - m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(10)}m_{021}^{(20)}\\
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&+m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(11)}m_{102}^{(10)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(20)}m_{111}^{(11)} + m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(20)}m_{030}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(20)}m_{021}^{(10)} + m_{000}^{(22)}m_{010}^{(20)}(m_{210}^{(21)})^2 + 3m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(21)}m_{201}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(21)}m_{111}^{(10)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(22)}m_{120}^{(10)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(00)}m_{030}^{(21)}\\
&-2m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(00)}m_{021}^{(11)} - 5m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(10)}m_{120}^{(21)} + 3m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(10)}m_{111}^{(11)}\\
&+2m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(10)}m_{021}^{(11)} - 3m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(11)}m_{111}^{(10)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(20)}m_{120}^{(11)}\\
&-2m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(20)}m_{030}^{(10)} + 3m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(21)}m_{120}^{(10)} + m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(00)}m_{120}^{(22)}\\
&-2m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(00)}m_{111}^{(21)} + m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(00)}m_{021}^{(20)} - m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(00)}m_{012}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(10)}m_{111}^{(20)} + m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(10)}m_{102}^{(10)} + m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(10)}m_{012}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(11)}m_{102}^{(00)} - m_{000}^{(22)}m_{010}^{(20)}(m_{120}^{(20)})^2 + 3m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(20)}m_{111}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(20)}m_{021}^{(00)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{111}^{(00)}m_{111}^{(11)} - m_{000}^{(22)}m_{010}^{(20)}m_{111}^{(00)}m_{030}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{111}^{(00)}m_{021}^{(10)} - 2m_{000}^{(22)}m_{010}^{(20)}(m_{111}^{(10)})^2 - m_{000}^{(22)}m_{010}^{(20)}m_{111}^{(10)}m_{021}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{111}^{(20)}m_{030}^{(00)} + m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(00)}m_{030}^{(22)} - m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(00)}m_{012}^{(11)}\\
&-2m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(10)}m_{120}^{(22)} - 3m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(10)}m_{111}^{(21)} + m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(10)}m_{102}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(10)}m_{021}^{(20)} + m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(10)}m_{012}^{(10)} + m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(11)}m_{210}^{(22)}\\
&+2m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(11)}m_{201}^{(21)} - m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(11)}m_{111}^{(20)} - m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(11)}m_{102}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(20)}m_{120}^{(21)} + 3m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(20)}m_{111}^{(11)} - m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(20)}m_{030}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(20)}m_{021}^{(10)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(21)}m_{201}^{(11)} + m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(21)}m_{120}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(21)}m_{111}^{(10)} - m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(22)}m_{210}^{(11)} - m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(00)}m_{120}^{(22)}\\
&+3m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(00)}m_{111}^{(21)} - m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(00)}m_{021}^{(20)} + m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(00)}m_{012}^{(10)}\\
&+2m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(10)}m_{210}^{(22)} - m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(10)}m_{201}^{(21)} + 3m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(10)}m_{111}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(10)}m_{102}^{(10)} - m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(10)}m_{012}^{(00)} - m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(11)}m_{201}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(11)}m_{102}^{(00)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(20)}m_{210}^{(21)} - m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(20)}m_{201}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(20)}m_{120}^{(20)} - 5m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(20)}m_{111}^{(10)} + m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(20)}m_{021}^{(00)}
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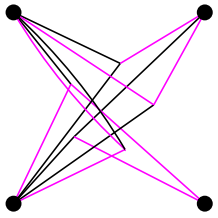
&+3m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(21)}m_{201}^{(10)} - m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(21)}m_{111}^{(00)} - m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(00)}m_{120}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(00)}m_{111}^{(11)} - m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(00)}m_{030}^{(20)} + m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(00)}m_{021}^{(10)}\\
&+2m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(10)}m_{120}^{(20)} - m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(10)}m_{021}^{(00)} + m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(11)}m_{111}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(20)}m_{030}^{(00)} - m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(00)}m_{120}^{(20)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{120}^{(00)}m_{111}^{(20)}\\
&+2m_{000}^{(22)}m_{010}^{(21)}m_{120}^{(20)}m_{111}^{(00)} - m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(00)}m_{030}^{(21)} + m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(00)}m_{021}^{(11)}\\
&+3m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(10)}m_{120}^{(21)} - m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(10)}m_{111}^{(11)} - m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(10)}m_{021}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(11)}m_{210}^{(21)} + m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(11)}m_{111}^{(10)} - 2m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(20)}m_{120}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(20)}m_{030}^{(10)} + 2m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(21)}m_{210}^{(11)} - m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(21)}m_{120}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(00)}m_{111}^{(11)} + m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(00)}m_{030}^{(20)} - m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(00)}m_{021}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(10)}m_{210}^{(21)} + m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(10)}m_{201}^{(11)} - 3m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(10)}m_{120}^{(20)}\\
&+2m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(10)}m_{111}^{(10)} + m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(10)}m_{021}^{(00)} + 2m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(11)}m_{210}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(11)}m_{201}^{(10)} - m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(11)}m_{111}^{(00)} + 2m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(20)}m_{120}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(20)}m_{030}^{(00)} + m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(21)}m_{120}^{(00)} + m_{000}^{(22)}m_{010}^{(22)}m_{201}^{(00)}m_{120}^{(11)}\\
&-m_{000}^{(22)}m_{010}^{(22)}m_{201}^{(10)}m_{120}^{(10)} + m_{000}^{(22)}m_{010}^{(22)}m_{120}^{(00)}m_{111}^{(10)} - m_{000}^{(22)}m_{010}^{(22)}m_{120}^{(10)}m_{111}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{rrrrr}
V1 & 1 & 1 & V1 & 1\\
V2 & V2 & 2 & 2 & 3\\
2 & V3 & V3 & V4 & V4
\end{array}
$$



$$
\begin{aligned}
T_{115} \;=\;& -m_{000}^{(00)}m_{010}^{(00)}m_{120}^{(11)}m_{003}^{(22)} + m_{000}^{(00)}m_{010}^{(00)}m_{120}^{(21)}m_{012}^{(22)} + m_{000}^{(00)}m_{010}^{(00)}m_{120}^{(21)}m_{003}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(00)}m_{120}^{(22)}m_{012}^{(21)} + m_{000}^{(00)}m_{010}^{(00)}m_{111}^{(11)}m_{012}^{(22)} + m_{000}^{(00)}m_{010}^{(00)}m_{111}^{(11)}m_{003}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(00)}m_{111}^{(21)}m_{021}^{(22)} - 2m_{000}^{(00)}m_{010}^{(00)}m_{111}^{(21)}m_{012}^{(21)} - m_{000}^{(00)}m_{010}^{(00)}m_{111}^{(21)}m_{003}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(00)}m_{111}^{(22)}m_{021}^{(21)} + m_{000}^{(00)}m_{010}^{(00)}m_{111}^{(22)}m_{012}^{(11)} - m_{000}^{(00)}m_{010}^{(00)}m_{102}^{(11)}m_{012}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(00)}m_{102}^{(21)}m_{021}^{(21)} + m_{000}^{(00)}m_{010}^{(00)}m_{102}^{(21)}m_{012}^{(11)} - m_{000}^{(00)}m_{010}^{(00)}m_{102}^{(22)}m_{021}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(00)}m_{030}^{(10)}m_{003}^{(22)} - m_{000}^{(00)}m_{010}^{(00)}m_{030}^{(20)}m_{012}^{(22)} - m_{000}^{(00)}m_{010}^{(00)}m_{030}^{(21)}m_{003}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(00)}m_{030}^{(22)}m_{012}^{(20)} - 3m_{000}^{(00)}m_{010}^{(00)}m_{021}^{(10)}m_{003}^{(21)} + 2m_{000}^{(00)}m_{010}^{(00)}m_{021}^{(11)}m_{003}^{(20)}\\
&+3m_{000}^{(00)}m_{010}^{(00)}m_{021}^{(20)}m_{012}^{(21)} - 2m_{000}^{(00)}m_{010}^{(00)}m_{021}^{(21)}m_{012}^{(20)} + m_{000}^{(00)}m_{010}^{(00)}m_{021}^{(21)}m_{003}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(00)}m_{021}^{(22)}m_{012}^{(10)} + 2m_{000}^{(00)}m_{010}^{(00)}m_{012}^{(10)}m_{012}^{(21)} + 2m_{000}^{(00)}m_{010}^{(00)}m_{012}^{(10)}m_{003}^{(11)}
\end{aligned}
$$

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\begin{aligned}
&-2m_{000}^{(00)}m_{010}^{(00)}m_{012}^{(11)}m_{012}^{(20)} - 2m_{000}^{(00)}m_{010}^{(00)}m_{012}^{(11)}m_{003}^{(10)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{210}^{(11)}m_{003}^{(22)}\\
&-2m_{000}^{(00)}m_{010}^{(10)}m_{210}^{(21)}m_{012}^{(22)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{210}^{(21)}m_{003}^{(21)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{210}^{(22)}m_{012}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{201}^{(11)}m_{012}^{(22)} - m_{000}^{(00)}m_{010}^{(10)}m_{201}^{(11)}m_{003}^{(21)} + m_{000}^{(00)}m_{010}^{(10)}m_{201}^{(21)}m_{021}^{(22)}\\
&+2m_{000}^{(00)}m_{010}^{(10)}m_{201}^{(21)}m_{012}^{(21)} + m_{000}^{(00)}m_{010}^{(10)}m_{201}^{(21)}m_{003}^{(11)} - m_{000}^{(00)}m_{010}^{(10)}m_{201}^{(22)}m_{021}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{201}^{(22)}m_{012}^{(11)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{120}^{(10)}m_{003}^{(22)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{120}^{(20)}m_{012}^{(22)}\\
&+2m_{000}^{(00)}m_{010}^{(10)}m_{120}^{(21)}m_{003}^{(20)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{120}^{(22)}m_{012}^{(20)} + 4m_{000}^{(00)}m_{010}^{(10)}m_{111}^{(10)}m_{003}^{(21)}\\
&-4m_{000}^{(00)}m_{010}^{(10)}m_{111}^{(11)}m_{003}^{(20)} - 4m_{000}^{(00)}m_{010}^{(10)}m_{111}^{(20)}m_{012}^{(21)} + 4m_{000}^{(00)}m_{010}^{(10)}m_{111}^{(21)}m_{012}^{(20)}\\
&-2m_{000}^{(00)}m_{010}^{(10)}m_{102}^{(10)}m_{003}^{(11)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{102}^{(11)}m_{012}^{(20)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{102}^{(11)}m_{003}^{(10)}\\
&+2m_{000}^{(00)}m_{010}^{(10)}m_{102}^{(20)}m_{012}^{(11)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{102}^{(21)}m_{021}^{(20)} - 4m_{000}^{(00)}m_{010}^{(10)}m_{102}^{(21)}m_{012}^{(10)}\\
&+2m_{000}^{(00)}m_{010}^{(10)}m_{102}^{(22)}m_{021}^{(10)} - m_{000}^{(00)}m_{010}^{(10)}m_{021}^{(00)}m_{012}^{(22)} + m_{000}^{(00)}m_{010}^{(10)}m_{021}^{(00)}m_{003}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{021}^{(21)}m_{003}^{(00)} + m_{000}^{(00)}m_{010}^{(10)}m_{021}^{(22)}m_{012}^{(00)} - m_{000}^{(00)}m_{010}^{(10)}m_{012}^{(00)}m_{003}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{012}^{(11)}m_{003}^{(00)} - m_{000}^{(00)}m_{010}^{(11)}m_{300}^{(11)}m_{003}^{(22)} + m_{000}^{(00)}m_{010}^{(11)}m_{300}^{(21)}m_{012}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{300}^{(21)}m_{003}^{(21)} - m_{000}^{(00)}m_{010}^{(11)}m_{300}^{(22)}m_{012}^{(21)} + m_{000}^{(00)}m_{010}^{(11)}m_{210}^{(10)}m_{003}^{(22)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{210}^{(20)}m_{012}^{(22)} - m_{000}^{(00)}m_{010}^{(11)}m_{210}^{(21)}m_{003}^{(20)} + m_{000}^{(00)}m_{010}^{(11)}m_{210}^{(22)}m_{012}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{201}^{(10)}m_{003}^{(21)} + m_{000}^{(00)}m_{010}^{(11)}m_{201}^{(11)}m_{102}^{(22)} + 2m_{000}^{(00)}m_{010}^{(11)}m_{201}^{(11)}m_{003}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{201}^{(20)}m_{012}^{(21)} - m_{000}^{(00)}m_{010}^{(11)}m_{201}^{(21)}m_{111}^{(22)} - m_{000}^{(00)}m_{010}^{(11)}m_{201}^{(21)}m_{102}^{(21)}\\
&-2m_{000}^{(00)}m_{010}^{(11)}m_{201}^{(21)}m_{012}^{(20)} - m_{000}^{(00)}m_{010}^{(11)}m_{201}^{(21)}m_{003}^{(10)} + m_{000}^{(00)}m_{010}^{(11)}m_{201}^{(22)}m_{111}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{201}^{(22)}m_{012}^{(10)} + m_{000}^{(00)}m_{010}^{(11)}m_{111}^{(00)}m_{012}^{(22)} - m_{000}^{(00)}m_{010}^{(11)}m_{111}^{(00)}m_{003}^{(21)}\\
&-2m_{000}^{(00)}m_{010}^{(11)}m_{111}^{(10)}m_{102}^{(22)} + 2m_{000}^{(00)}m_{010}^{(11)}m_{111}^{(20)}m_{102}^{(21)} + m_{000}^{(00)}m_{010}^{(11)}m_{111}^{(21)}m_{003}^{(00)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{111}^{(22)}m_{012}^{(00)} - m_{000}^{(00)}m_{010}^{(11)}m_{102}^{(00)}m_{012}^{(21)} + m_{000}^{(00)}m_{010}^{(11)}m_{102}^{(00)}m_{003}^{(11)}\\
&+2m_{000}^{(00)}m_{010}^{(11)}m_{102}^{(10)}m_{102}^{(21)} - 2m_{000}^{(00)}m_{010}^{(11)}m_{102}^{(11)}m_{102}^{(20)} - m_{000}^{(00)}m_{010}^{(11)}m_{102}^{(11)}m_{003}^{(00)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{102}^{(21)}m_{012}^{(00)} - m_{000}^{(00)}m_{010}^{(20)}m_{210}^{(11)}m_{012}^{(22)} - m_{000}^{(00)}m_{010}^{(20)}m_{210}^{(11)}m_{003}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{210}^{(21)}m_{021}^{(22)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{210}^{(21)}m_{012}^{(21)} + m_{000}^{(00)}m_{010}^{(20)}m_{210}^{(21)}m_{003}^{(11)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{210}^{(22)}m_{021}^{(21)} - m_{000}^{(00)}m_{010}^{(20)}m_{210}^{(22)}m_{012}^{(11)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{201}^{(11)}m_{012}^{(21)}\\
&-2m_{000}^{(00)}m_{010}^{(20)}m_{201}^{(21)}m_{021}^{(21)} - 2m_{000}^{(00)}m_{010}^{(20)}m_{201}^{(21)}m_{012}^{(11)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{201}^{(22)}m_{021}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(10)}m_{012}^{(22)} + m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(10)}m_{003}^{(21)} + m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(11)}m_{102}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(11)}m_{003}^{(20)} - m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(20)}m_{021}^{(22)} - m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(20)}m_{012}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(21)}m_{111}^{(22)} - m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(21)}m_{102}^{(21)} - 2m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(21)}m_{012}^{(20)}\\
&-2m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(21)}m_{003}^{(10)} + m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(22)}m_{111}^{(21)} + m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(22)}m_{021}^{(20)}\\
&+2m_{000}^{(00)}m_{010}^{(20)}m_{120}^{(22)}m_{012}^{(10)} + m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(10)}m_{021}^{(22)} - 4m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(10)}m_{012}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(10)}m_{003}^{(11)} - m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(11)}m_{111}^{(22)} - m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(11)}m_{102}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(11)}m_{012}^{(20)} + m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(11)}m_{003}^{(10)} - m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(20)}m_{030}^{(22)}\\
&+4m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(20)}m_{021}^{(21)} + m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(20)}m_{012}^{(11)} + m_{000}^{(00)}m_{010}^{(20)}(m_{111}^{(21)})^2\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(21)}m_{102}^{(11)} - 2m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(21)}m_{021}^{(20)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(21)}m_{012}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(22)}m_{030}^{(20)} - 3m_{000}^{(00)}m_{010}^{(20)}m_{111}^{(22)}m_{021}^{(10)} - m_{000}^{(00)}m_{010}^{(20)}m_{102}^{(10)}m_{021}^{(21)}\\
&+3m_{000}^{(00)}m_{010}^{(20)}m_{102}^{(10)}m_{012}^{(11)} - 3m_{000}^{(00)}m_{010}^{(20)}m_{102}^{(11)}m_{012}^{(10)} + m_{000}^{(00)}m_{010}^{(20)}m_{102}^{(20)}m_{030}^{(21)}\\
&-3m_{000}^{(00)}m_{010}^{(20)}m_{102}^{(20)}m_{021}^{(11)} + 4m_{000}^{(00)}m_{010}^{(20)}m_{102}^{(21)}m_{021}^{(10)} - m_{000}^{(00)}m_{010}^{(20)}m_{102}^{(22)}m_{030}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{030}^{(10)}m_{003}^{(20)} + m_{000}^{(00)}m_{010}^{(20)}m_{030}^{(20)}m_{012}^{(20)} + m_{000}^{(00)}m_{010}^{(20)}m_{030}^{(21)}m_{003}^{(00)}
\end{aligned}
$$

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\begin{aligned}
&-m_{000}^{(00)}m_{010}^{(20)}m_{030}^{(22)}m_{012}^{(00)} + m_{000}^{(00)}m_{010}^{(20)}m_{021}^{(00)}m_{021}^{(22)} - m_{000}^{(00)}m_{010}^{(20)}m_{021}^{(00)}m_{012}^{(21)}\\
&+2m_{000}^{(00)}m_{010}^{(20)}m_{021}^{(10)}m_{012}^{(20)} + m_{000}^{(00)}m_{010}^{(20)}m_{021}^{(10)}m_{003}^{(10)} - m_{000}^{(00)}m_{010}^{(20)}m_{021}^{(11)}m_{003}^{(00)}\\
&-m_{000}^{(00)}m_{010}^{(20)}(m_{021}^{(20)})^2 - m_{000}^{(00)}m_{010}^{(20)}m_{021}^{(20)}m_{012}^{(10)} + m_{000}^{(00)}m_{010}^{(20)}m_{012}^{(00)}m_{012}^{(11)}\\
&-m_{000}^{(00)}m_{010}^{(20)}(m_{012}^{(10)})^2 + m_{000}^{(00)}m_{010}^{(21)}m_{300}^{(11)}m_{012}^{(22)} + m_{000}^{(00)}m_{010}^{(21)}m_{300}^{(11)}m_{003}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{300}^{(21)}m_{021}^{(22)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{300}^{(21)}m_{012}^{(21)} - m_{000}^{(00)}m_{010}^{(21)}m_{300}^{(21)}m_{003}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{300}^{(22)}m_{021}^{(21)} + m_{000}^{(00)}m_{010}^{(21)}m_{300}^{(22)}m_{012}^{(11)} - m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(10)}m_{012}^{(22)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(10)}m_{003}^{(21)} - m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(11)}m_{102}^{(22)} - m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(11)}m_{003}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(20)}m_{021}^{(22)} + m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(20)}m_{012}^{(21)} + m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(21)}m_{111}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(21)}m_{102}^{(21)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(21)}m_{012}^{(20)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(21)}m_{003}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(22)}m_{111}^{(21)} - m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(22)}m_{021}^{(20)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{210}^{(22)}m_{012}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(10)}m_{012}^{(21)} + m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(10)}m_{003}^{(11)} - m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(11)}m_{102}^{(21)}\\
&-2m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(11)}m_{012}^{(20)} - m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(11)}m_{003}^{(10)} - m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(20)}m_{021}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(20)}m_{012}^{(11)} + m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(21)}m_{111}^{(21)} + m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(21)}m_{102}^{(11)}\\
&+2m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(21)}m_{021}^{(20)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(21)}m_{012}^{(10)} - m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(22)}m_{111}^{(11)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{201}^{(22)}m_{021}^{(10)} + m_{000}^{(00)}m_{010}^{(21)}m_{120}^{(10)}m_{102}^{(22)} + m_{000}^{(00)}m_{010}^{(21)}m_{120}^{(10)}m_{003}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{120}^{(20)}m_{111}^{(22)} - m_{000}^{(00)}m_{010}^{(21)}m_{120}^{(20)}m_{012}^{(20)} - m_{000}^{(00)}m_{010}^{(21)}m_{120}^{(21)}m_{102}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{120}^{(21)}m_{003}^{(00)} + m_{000}^{(00)}m_{010}^{(21)}m_{120}^{(22)}m_{111}^{(20)} + m_{000}^{(00)}m_{010}^{(21)}m_{120}^{(22)}m_{012}^{(00)}\\
&-2m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(00)}m_{021}^{(22)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(00)}m_{012}^{(21)} + 3m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(10)}m_{111}^{(22)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(10)}m_{102}^{(21)} - m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(10)}m_{012}^{(20)} - m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(10)}m_{003}^{(10)}\\
&+4m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(11)}m_{102}^{(20)} + m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(11)}m_{003}^{(00)} - 3m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(20)}m_{111}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(20)}m_{021}^{(20)} + m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(20)}m_{012}^{(10)} - 3m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(21)}m_{102}^{(10)}\\
&-2m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(21)}m_{012}^{(00)} + m_{000}^{(00)}m_{010}^{(21)}m_{111}^{(22)}m_{021}^{(00)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{102}^{(00)}m_{021}^{(21)}\\
&-2m_{000}^{(00)}m_{010}^{(21)}m_{102}^{(00)}m_{012}^{(11)} + m_{000}^{(00)}m_{010}^{(21)}m_{102}^{(10)}m_{012}^{(10)} + m_{000}^{(00)}m_{010}^{(21)}m_{102}^{(11)}m_{012}^{(00)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{102}^{(20)}m_{021}^{(10)} - m_{000}^{(00)}m_{010}^{(21)}m_{102}^{(21)}m_{021}^{(00)} - m_{000}^{(00)}m_{010}^{(22)}m_{300}^{(11)}m_{012}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{300}^{(21)}m_{021}^{(21)} + m_{000}^{(00)}m_{010}^{(22)}m_{300}^{(21)}m_{012}^{(11)} - m_{000}^{(00)}m_{010}^{(22)}m_{300}^{(22)}m_{021}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{210}^{(10)}m_{012}^{(21)} + m_{000}^{(00)}m_{010}^{(22)}m_{210}^{(11)}m_{102}^{(21)} + m_{000}^{(00)}m_{010}^{(22)}m_{210}^{(11)}m_{012}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{210}^{(20)}m_{021}^{(21)} - m_{000}^{(00)}m_{010}^{(22)}m_{210}^{(21)}m_{111}^{(21)} - m_{000}^{(00)}m_{010}^{(22)}m_{210}^{(21)}m_{102}^{(11)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{210}^{(21)}m_{021}^{(20)} - 2m_{000}^{(00)}m_{010}^{(22)}m_{210}^{(21)}m_{012}^{(10)} + m_{000}^{(00)}m_{010}^{(22)}m_{210}^{(22)}m_{111}^{(11)}\\
&+2m_{000}^{(00)}m_{010}^{(22)}m_{210}^{(22)}m_{021}^{(10)} - m_{000}^{(00)}m_{010}^{(22)}m_{201}^{(10)}m_{012}^{(11)} + m_{000}^{(00)}m_{010}^{(22)}m_{201}^{(11)}m_{012}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{201}^{(20)}m_{021}^{(11)} - m_{000}^{(00)}m_{010}^{(22)}m_{201}^{(21)}m_{021}^{(10)} - m_{000}^{(00)}m_{010}^{(22)}m_{120}^{(10)}m_{102}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{120}^{(10)}m_{012}^{(20)} - m_{000}^{(00)}m_{010}^{(22)}m_{120}^{(11)}m_{102}^{(20)} + m_{000}^{(00)}m_{010}^{(22)}m_{120}^{(20)}m_{111}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{120}^{(20)}m_{021}^{(20)} + m_{000}^{(00)}m_{010}^{(22)}m_{120}^{(21)}m_{111}^{(20)} + 2m_{000}^{(00)}m_{010}^{(22)}m_{120}^{(21)}m_{102}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{120}^{(21)}m_{012}^{(00)} - 2m_{000}^{(00)}m_{010}^{(22)}m_{120}^{(22)}m_{111}^{(10)} - m_{000}^{(00)}m_{010}^{(22)}m_{120}^{(22)}m_{021}^{(00)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{111}^{(00)}m_{030}^{(22)} - m_{000}^{(00)}m_{010}^{(22)}m_{111}^{(00)}m_{021}^{(21)} + m_{000}^{(00)}m_{010}^{(22)}m_{111}^{(10)}m_{111}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{111}^{(10)}m_{102}^{(11)} + m_{000}^{(00)}m_{010}^{(22)}m_{111}^{(10)}m_{021}^{(20)} + m_{000}^{(00)}m_{010}^{(22)}m_{111}^{(10)}m_{012}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{111}^{(11)}m_{111}^{(20)} - m_{000}^{(00)}m_{010}^{(22)}m_{111}^{(11)}m_{102}^{(10)} - m_{000}^{(00)}m_{010}^{(22)}m_{111}^{(11)}m_{012}^{(00)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{111}^{(20)}m_{030}^{(20)} - m_{000}^{(00)}m_{010}^{(22)}m_{111}^{(20)}m_{021}^{(10)} + m_{000}^{(00)}m_{010}^{(22)}m_{111}^{(21)}m_{021}^{(00)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{102}^{(00)}m_{030}^{(21)} + m_{000}^{(00)}m_{010}^{(22)}m_{102}^{(00)}m_{021}^{(11)} - m_{000}^{(00)}m_{010}^{(22)}m_{102}^{(10)}m_{021}^{(10)}
\end{aligned}
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\begin{aligned}
&+m^{(00)}_{000}m^{(22)}_{010}m^{(20)}_{102}m^{(10)}_{030} + m^{(00)}_{000}m^{(00)}_{001}m^{(11)}_{120}m^{(22)}_{012} - m^{(00)}_{000}m^{(00)}_{001}m^{(21)}_{120}m^{(22)}_{021}\\
&-m^{(00)}_{000}m^{(00)}_{001}m^{(21)}_{120}m^{(21)}_{012} + m^{(00)}_{000}m^{(00)}_{001}m^{(22)}_{120}m^{(21)}_{021} - m^{(00)}_{000}m^{(00)}_{001}m^{(11)}_{111}m^{(22)}_{021}\\
&-m^{(00)}_{000}m^{(00)}_{001}m^{(11)}_{111}m^{(21)}_{012} + m^{(00)}_{000}m^{(00)}_{001}m^{(21)}_{111}m^{(22)}_{030} + 2m^{(00)}_{000}m^{(00)}_{001}m^{(21)}_{111}m^{(21)}_{021}\\
&+m^{(00)}_{000}m^{(00)}_{001}m^{(21)}_{111}m^{(11)}_{012} - m^{(00)}_{000}m^{(00)}_{001}m^{(22)}_{111}m^{(21)}_{030} - m^{(00)}_{000}m^{(00)}_{001}m^{(22)}_{111}m^{(11)}_{021}\\
&+m^{(00)}_{000}m^{(00)}_{001}m^{(11)}_{102}m^{(21)}_{021} - m^{(00)}_{000}m^{(00)}_{001}m^{(21)}_{102}m^{(21)}_{030} - m^{(00)}_{000}m^{(00)}_{001}m^{(21)}_{102}m^{(11)}_{021}\\
&+m^{(00)}_{000}m^{(00)}_{001}m^{(22)}_{102}m^{(11)}_{030} - 2m^{(00)}_{000}m^{(00)}_{001}m^{(10)}_{030}m^{(22)}_{012} + m^{(00)}_{000}m^{(00)}_{001}m^{(10)}_{030}m^{(21)}_{003}\\
&-m^{(00)}_{000}m^{(00)}_{001}m^{(11)}_{030}m^{(20)}_{003} + 2m^{(00)}_{000}m^{(00)}_{001}m^{(20)}_{030}m^{(22)}_{021} - m^{(00)}_{000}m^{(00)}_{001}m^{(20)}_{030}m^{(21)}_{012}\\
&+3m^{(00)}_{000}m^{(00)}_{001}m^{(21)}_{030}m^{(20)}_{012} - 2m^{(00)}_{000}m^{(00)}_{001}m^{(22)}_{030}m^{(20)}_{021} + 2m^{(00)}_{000}m^{(00)}_{001}m^{(10)}_{021}m^{(22)}_{021}\\
&+2m^{(00)}_{000}m^{(00)}_{001}m^{(10)}_{021}m^{(21)}_{012} - m^{(00)}_{000}m^{(00)}_{001}m^{(10)}_{021}m^{(11)}_{003} + m^{(00)}_{000}m^{(00)}_{001}m^{(11)}_{021}m^{(10)}_{003}\\
&-2m^{(00)}_{000}m^{(00)}_{001}m^{(20)}_{021}m^{(21)}_{021} + m^{(00)}_{000}m^{(00)}_{001}m^{(20)}_{021}m^{(11)}_{012} - 3m^{(00)}_{000}m^{(00)}_{001}m^{(21)}_{021}m^{(10)}_{012}\\
&-2m^{(00)}_{000}m^{(10)}_{001}m^{(11)}_{210}m^{(22)}_{012} + 2m^{(00)}_{000}m^{(10)}_{001}m^{(21)}_{210}m^{(22)}_{021} + 2m^{(00)}_{000}m^{(10)}_{001}m^{(21)}_{210}m^{(21)}_{012}\\
&-2m^{(00)}_{000}m^{(10)}_{001}m^{(22)}_{210}m^{(21)}_{021} + m^{(00)}_{000}m^{(10)}_{001}m^{(11)}_{201}m^{(22)}_{021} + m^{(00)}_{000}m^{(10)}_{001}m^{(11)}_{201}m^{(21)}_{012}\\
&-m^{(00)}_{000}m^{(10)}_{001}m^{(21)}_{201}m^{(22)}_{030} - 2m^{(00)}_{000}m^{(10)}_{001}m^{(21)}_{201}m^{(21)}_{021} - m^{(00)}_{000}m^{(10)}_{001}m^{(21)}_{201}m^{(11)}_{012}\\
&+m^{(00)}_{000}m^{(10)}_{001}m^{(22)}_{201}m^{(21)}_{030} + m^{(00)}_{000}m^{(10)}_{001}m^{(22)}_{201}m^{(11)}_{021} + 3m^{(00)}_{000}m^{(10)}_{001}m^{(10)}_{120}m^{(22)}_{012}\\
&-m^{(00)}_{000}m^{(10)}_{001}m^{(10)}_{120}m^{(21)}_{003} - m^{(00)}_{000}m^{(10)}_{001}m^{(11)}_{120}m^{(22)}_{102} + m^{(00)}_{000}m^{(10)}_{001}m^{(11)}_{120}m^{(20)}_{003}\\
&-3m^{(00)}_{000}m^{(10)}_{001}m^{(20)}_{120}m^{(22)}_{021} + m^{(00)}_{000}m^{(10)}_{001}m^{(20)}_{120}m^{(21)}_{012} + m^{(00)}_{000}m^{(10)}_{001}m^{(21)}_{120}m^{(22)}_{111}\\
&+m^{(00)}_{000}m^{(10)}_{001}m^{(21)}_{120}m^{(21)}_{102} - 4m^{(00)}_{000}m^{(10)}_{001}m^{(21)}_{120}m^{(20)}_{012} - m^{(00)}_{000}m^{(10)}_{001}m^{(22)}_{120}m^{(21)}_{111}\\
&+3m^{(00)}_{000}m^{(10)}_{001}m^{(22)}_{120}m^{(20)}_{021} - m^{(00)}_{000}m^{(10)}_{001}m^{(10)}_{111}m^{(22)}_{021} - 4m^{(00)}_{000}m^{(10)}_{001}m^{(10)}_{111}m^{(21)}_{012}\\
&+m^{(00)}_{000}m^{(10)}_{001}m^{(10)}_{111}m^{(11)}_{003} + m^{(00)}_{000}m^{(10)}_{001}m^{(11)}_{111}m^{(22)}_{111} + m^{(00)}_{000}m^{(10)}_{001}m^{(11)}_{111}m^{(21)}_{102}\\
&+3m^{(00)}_{000}m^{(10)}_{001}m^{(11)}_{111}m^{(20)}_{012} - m^{(00)}_{000}m^{(10)}_{001}m^{(11)}_{111}m^{(10)}_{003} + m^{(00)}_{000}m^{(10)}_{001}m^{(20)}_{111}m^{(22)}_{030}\\
&+4m^{(00)}_{000}m^{(10)}_{001}m^{(20)}_{111}m^{(21)}_{021} - m^{(00)}_{000}m^{(10)}_{001}m^{(20)}_{111}m^{(11)}_{012} - m^{(00)}_{000}m^{(10)}_{001}(m^{(21)}_{111})^2\\
&-m^{(00)}_{000}m^{(10)}_{001}m^{(21)}_{111}m^{(11)}_{102} - 2m^{(00)}_{000}m^{(10)}_{001}m^{(21)}_{111}m^{(20)}_{021} + 2m^{(00)}_{000}m^{(10)}_{001}m^{(21)}_{111}m^{(10)}_{012}\\
&-m^{(00)}_{000}m^{(10)}_{001}m^{(22)}_{111}m^{(20)}_{030} - m^{(00)}_{000}m^{(10)}_{001}m^{(22)}_{111}m^{(10)}_{021} + m^{(00)}_{000}m^{(10)}_{001}m^{(10)}_{102}m^{(21)}_{021}\\
&+m^{(00)}_{000}m^{(10)}_{001}m^{(10)}_{102}m^{(11)}_{012} - 2m^{(00)}_{000}m^{(10)}_{001}m^{(11)}_{102}m^{(20)}_{021} - m^{(00)}_{000}m^{(10)}_{001}m^{(11)}_{102}m^{(10)}_{012}\\
&-m^{(00)}_{000}m^{(10)}_{001}m^{(20)}_{102}m^{(21)}_{030} - m^{(00)}_{000}m^{(10)}_{001}m^{(20)}_{102}m^{(11)}_{021} + 2m^{(00)}_{000}m^{(10)}_{001}m^{(21)}_{102}m^{(20)}_{030}\\
&+2m^{(00)}_{000}m^{(10)}_{001}m^{(21)}_{102}m^{(10)}_{021} - m^{(00)}_{000}m^{(10)}_{001}m^{(22)}_{102}m^{(10)}_{030} + m^{(00)}_{000}m^{(10)}_{001}m^{(00)}_{030}m^{(22)}_{012}\\
&-m^{(00)}_{000}m^{(10)}_{001}m^{(00)}_{030}m^{(21)}_{003} + m^{(00)}_{000}m^{(10)}_{001}m^{(10)}_{030}m^{(20)}_{003} - m^{(00)}_{000}m^{(10)}_{001}m^{(20)}_{030}m^{(20)}_{012}\\
&-m^{(00)}_{000}m^{(10)}_{001}m^{(00)}_{021}m^{(22)}_{021} + m^{(00)}_{000}m^{(10)}_{001}m^{(00)}_{021}m^{(11)}_{003} - 2m^{(00)}_{000}m^{(10)}_{001}m^{(10)}_{021}m^{(20)}_{012}\\
&-m^{(00)}_{000}m^{(10)}_{001}m^{(10)}_{021}m^{(10)}_{003} + m^{(00)}_{000}m^{(10)}_{001}(m^{(20)}_{021})^2 + m^{(00)}_{000}m^{(10)}_{001}m^{(20)}_{021}m^{(10)}_{012}\\
&+m^{(00)}_{000}m^{(10)}_{001}m^{(21)}_{021}m^{(00)}_{012} - m^{(00)}_{000}m^{(10)}_{001}m^{(00)}_{012}m^{(11)}_{012} + m^{(00)}_{000}m^{(10)}_{001}(m^{(10)}_{012})^2\\
&+m^{(00)}_{000}m^{(11)}_{001}m^{(11)}_{300}m^{(22)}_{012} - m^{(00)}_{000}m^{(11)}_{001}m^{(21)}_{300}m^{(22)}_{021} - m^{(00)}_{000}m^{(11)}_{001}m^{(21)}_{300}m^{(21)}_{012}\\
&+m^{(00)}_{000}m^{(11)}_{001}m^{(22)}_{300}m^{(21)}_{021} - m^{(00)}_{000}m^{(11)}_{001}m^{(10)}_{210}m^{(22)}_{012} + m^{(00)}_{000}m^{(11)}_{001}m^{(20)}_{210}m^{(22)}_{021}\\
&+m^{(00)}_{000}m^{(11)}_{001}m^{(21)}_{210}m^{(20)}_{012} - m^{(00)}_{000}m^{(11)}_{001}m^{(22)}_{210}m^{(20)}_{021} + m^{(00)}_{000}m^{(11)}_{001}m^{(10)}_{201}m^{(21)}_{012}\\
&-m^{(00)}_{000}m^{(11)}_{001}m^{(11)}_{201}m^{(22)}_{111} - 2m^{(00)}_{000}m^{(11)}_{001}m^{(11)}_{201}m^{(20)}_{012} - m^{(00)}_{000}m^{(11)}_{001}m^{(20)}_{201}m^{(21)}_{021}\\
&+m^{(00)}_{000}m^{(11)}_{001}m^{(21)}_{201}m^{(22)}_{120} + m^{(00)}_{000}m^{(11)}_{001}m^{(21)}_{201}m^{(21)}_{111} + 2m^{(00)}_{000}m^{(11)}_{001}m^{(21)}_{201}m^{(20)}_{021}\\
&+m^{(00)}_{000}m^{(11)}_{001}m^{(21)}_{201}m^{(10)}_{012} - m^{(00)}_{000}m^{(11)}_{001}m^{(22)}_{201}m^{(21)}_{120} - m^{(00)}_{000}m^{(11)}_{001}m^{(22)}_{201}m^{(10)}_{021}\\
&-m^{(00)}_{000}m^{(11)}_{001}m^{(00)}_{120}m^{(22)}_{012} + m^{(00)}_{000}m^{(11)}_{001}m^{(00)}_{120}m^{(21)}_{003} + m^{(00)}_{000}m^{(11)}_{001}m^{(10)}_{120}m^{(22)}_{102}\\
&-m^{(00)}_{000}m^{(11)}_{001}m^{(10)}_{120}m^{(20)}_{003} + m^{(00)}_{000}m^{(11)}_{001}m^{(20)}_{120}m^{(22)}_{111} - 2m^{(00)}_{000}m^{(11)}_{001}m^{(20)}_{120}m^{(21)}_{102}
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&+m_{000}^{(00)}m_{001}^{(11)}m_{120}^{(20)}m_{012}^{(20)}+m_{000}^{(00)}m_{001}^{(11)}m_{120}^{(21)}m_{102}^{(20)}-m_{000}^{(00)}m_{001}^{(11)}m_{120}^{(22)}m_{111}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(00)}m_{012}^{(21)}-m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(00)}m_{003}^{(11)}+m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(10)}m_{111}^{(22)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(10)}m_{102}^{(21)}+m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(10)}m_{012}^{(20)}+m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(10)}m_{003}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(20)}m_{111}^{(21)}+2m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(20)}m_{102}^{(11)}-m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(20)}m_{021}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(20)}m_{012}^{(10)}-m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(21)}m_{102}^{(10)}-m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(21)}m_{012}^{(00)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{111}^{(22)}m_{021}^{(00)}-m_{000}^{(00)}m_{001}^{(11)}m_{102}^{(10)}m_{012}^{(10)}+m_{000}^{(00)}m_{001}^{(11)}m_{102}^{(11)}m_{012}^{(00)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{102}^{(20)}m_{021}^{(10)}-m_{000}^{(00)}m_{001}^{(11)}m_{102}^{(21)}m_{021}^{(00)}+m_{000}^{(00)}m_{001}^{(20)}m_{111}^{(22)}m_{021}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{210}^{(11)}m_{012}^{(21)}-m_{000}^{(00)}m_{001}^{(20)}m_{210}^{(21)}m_{030}^{(22)}-2m_{000}^{(00)}m_{001}^{(20)}m_{210}^{(21)}m_{021}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(20)}m_{210}^{(21)}m_{012}^{(11)}+m_{000}^{(00)}m_{001}^{(20)}m_{210}^{(22)}m_{030}^{(21)}+m_{000}^{(00)}m_{001}^{(20)}m_{210}^{(22)}m_{021}^{(11)}\\
&-2m_{000}^{(00)}m_{001}^{(20)}m_{201}^{(11)}m_{021}^{(21)}+2m_{000}^{(00)}m_{001}^{(20)}m_{201}^{(21)}m_{030}^{(21)}+2m_{000}^{(00)}m_{001}^{(20)}m_{201}^{(21)}m_{021}^{(11)}\\
&-2m_{000}^{(00)}m_{001}^{(20)}m_{201}^{(22)}m_{030}^{(11)}-2m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(10)}m_{021}^{(22)}-2m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(11)}m_{012}^{(20)}\\
&+2m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(20)}m_{030}^{(22)}+4m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(21)}m_{021}^{(20)}+2m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(21)}m_{012}^{(10)}\\
&-2m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(22)}m_{030}^{(20)}-2m_{000}^{(00)}m_{001}^{(20)}m_{120}^{(22)}m_{021}^{(10)}+4m_{000}^{(00)}m_{001}^{(20)}m_{111}^{(10)}m_{021}^{(21)}\\
&-4m_{000}^{(00)}m_{001}^{(20)}m_{111}^{(20)}m_{030}^{(21)}-4m_{000}^{(00)}m_{001}^{(20)}m_{111}^{(21)}m_{021}^{(10)}+4m_{000}^{(00)}m_{001}^{(20)}m_{111}^{(22)}m_{030}^{(10)}\\
&-2m_{000}^{(00)}m_{001}^{(20)}m_{102}^{(10)}m_{021}^{(11)}+2m_{000}^{(00)}m_{001}^{(20)}m_{102}^{(11)}m_{021}^{(10)}+2m_{000}^{(00)}m_{001}^{(20)}m_{102}^{(20)}m_{030}^{(11)}\\
&-2m_{000}^{(00)}m_{001}^{(20)}m_{102}^{(21)}m_{030}^{(10)}-m_{000}^{(00)}m_{001}^{(20)}m_{030}^{(00)}m_{021}^{(22)}+m_{000}^{(00)}m_{001}^{(20)}m_{030}^{(00)}m_{012}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(20)}m_{030}^{(21)}m_{012}^{(00)}+m_{000}^{(00)}m_{001}^{(20)}m_{030}^{(22)}m_{021}^{(00)}-m_{000}^{(00)}m_{001}^{(20)}m_{021}^{(00)}m_{012}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{021}^{(11)}m_{012}^{(00)}-m_{000}^{(00)}m_{001}^{(21)}m_{300}^{(11)}m_{021}^{(22)}-m_{000}^{(00)}m_{001}^{(21)}m_{300}^{(11)}m_{012}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{300}^{(21)}m_{030}^{(22)}+2m_{000}^{(00)}m_{001}^{(21)}m_{300}^{(21)}m_{021}^{(21)}+m_{000}^{(00)}m_{001}^{(21)}m_{300}^{(21)}m_{012}^{(11)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{300}^{(22)}m_{030}^{(21)}-m_{000}^{(00)}m_{001}^{(21)}m_{300}^{(22)}m_{021}^{(11)}+m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(10)}m_{021}^{(22)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(10)}m_{012}^{(21)}+m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(11)}m_{111}^{(22)}+m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(11)}m_{012}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(20)}m_{030}^{(22)}-m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(20)}m_{021}^{(21)}-m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(21)}m_{120}^{(22)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(21)}m_{111}^{(21)}-2m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(21)}m_{021}^{(20)}-2m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(21)}m_{012}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(22)}m_{120}^{(21)}+m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(22)}m_{030}^{(20)}+2m_{000}^{(00)}m_{001}^{(21)}m_{210}^{(22)}m_{021}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(10)}m_{021}^{(21)}-m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(10)}m_{012}^{(11)}+m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(11)}m_{111}^{(21)}\\
&+2m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(11)}m_{021}^{(20)}+m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(11)}m_{012}^{(10)}+m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(20)}m_{021}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(20)}m_{021}^{(11)}-m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(21)}m_{120}^{(21)}-m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(21)}m_{111}^{(11)}\\
&-2m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(21)}m_{030}^{(20)}-2m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(21)}m_{021}^{(10)}+m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(22)}m_{120}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{201}^{(22)}m_{030}^{(10)}+2m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(00)}m_{021}^{(22)}-2m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(00)}m_{012}^{(21)}\\
&-4m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(10)}m_{111}^{(22)}+m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(10)}m_{102}^{(21)}+m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(10)}m_{012}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(11)}m_{102}^{(20)}+3m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(20)}m_{111}^{(21)}-m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(20)}m_{021}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(21)}m_{111}^{(20)}+m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(21)}m_{012}^{(00)}-m_{000}^{(00)}m_{001}^{(21)}m_{120}^{(22)}m_{021}^{(00)}\\
&-2m_{000}^{(00)}m_{001}^{(21)}m_{111}^{(00)}m_{021}^{(21)}+2m_{000}^{(00)}m_{001}^{(21)}m_{111}^{(00)}m_{012}^{(11)}+3m_{000}^{(00)}m_{001}^{(21)}m_{111}^{(10)}m_{111}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{111}^{(10)}m_{102}^{(11)}-m_{000}^{(00)}m_{001}^{(21)}m_{111}^{(10)}m_{021}^{(20)}-m_{000}^{(00)}m_{001}^{(21)}m_{111}^{(10)}m_{012}^{(10)}\\
&-3m_{000}^{(00)}m_{001}^{(21)}m_{111}^{(11)}m_{111}^{(20)}+m_{000}^{(00)}m_{001}^{(21)}m_{111}^{(11)}m_{102}^{(10)}-m_{000}^{(00)}m_{001}^{(21)}m_{111}^{(11)}m_{012}^{(00)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{111}^{(20)}m_{030}^{(20)}+m_{000}^{(00)}m_{001}^{(21)}m_{111}^{(20)}m_{021}^{(10)}+2m_{000}^{(00)}m_{001}^{(21)}m_{111}^{(21)}m_{021}^{(00)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{111}^{(22)}m_{030}^{(00)}+m_{000}^{(00)}m_{001}^{(21)}m_{102}^{(10)}m_{021}^{(10)}-m_{000}^{(00)}m_{001}^{(21)}m_{102}^{(11)}m_{021}^{(00)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{102}^{(20)}m_{030}^{(10)}+m_{000}^{(00)}m_{001}^{(21)}m_{102}^{(21)}m_{030}^{(00)}+m_{000}^{(00)}m_{001}^{(22)}m_{300}^{(11)}m_{021}^{(21)}
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&-m_{000}^{(00)}m_{001}^{(22)}m_{300}^{(21)}m_{030}^{(21)} - m_{000}^{(00)}m_{001}^{(22)}m_{300}^{(21)}m_{021}^{(11)} + m_{000}^{(00)}m_{001}^{(22)}m_{300}^{(22)}m_{030}^{(11)}\\
&-m_{000}^{(00)}m_{001}^{(22)}m_{210}^{(10)}m_{021}^{(21)} - m_{000}^{(00)}m_{001}^{(22)}m_{210}^{(11)}m_{111}^{(21)} - m_{000}^{(00)}m_{001}^{(22)}m_{210}^{(11)}m_{021}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(22)}m_{210}^{(20)}m_{030}^{(21)} + m_{000}^{(00)}m_{001}^{(22)}m_{210}^{(21)}m_{120}^{(21)} + m_{000}^{(00)}m_{001}^{(22)}m_{210}^{(21)}m_{111}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(22)}m_{210}^{(21)}m_{030}^{(20)} + 2m_{000}^{(00)}m_{001}^{(22)}m_{210}^{(21)}m_{021}^{(10)} - m_{000}^{(00)}m_{001}^{(22)}m_{210}^{(22)}m_{120}^{(11)}\\
&-2m_{000}^{(00)}m_{001}^{(22)}m_{210}^{(22)}m_{030}^{(10)} + m_{000}^{(00)}m_{001}^{(22)}m_{201}^{(10)}m_{021}^{(11)} - m_{000}^{(00)}m_{001}^{(22)}m_{201}^{(11)}m_{021}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(22)}m_{201}^{(20)}m_{030}^{(11)} + m_{000}^{(00)}m_{001}^{(22)}m_{201}^{(21)}m_{030}^{(10)} - m_{000}^{(00)}m_{001}^{(22)}m_{120}^{(00)}m_{030}^{(22)}\\
&+m_{000}^{(00)}m_{001}^{(22)}m_{120}^{(00)}m_{021}^{(21)} + 2m_{000}^{(00)}m_{001}^{(22)}m_{120}^{(10)}m_{120}^{(22)} + 2m_{000}^{(00)}m_{001}^{(22)}m_{120}^{(11)}m_{111}^{(20)}\\
&-2m_{000}^{(00)}m_{001}^{(22)}m_{120}^{(20)}m_{120}^{(21)} - 2m_{000}^{(00)}m_{001}^{(22)}m_{120}^{(21)}m_{111}^{(10)} - m_{000}^{(00)}m_{001}^{(22)}m_{120}^{(21)}m_{021}^{(00)}\\
&+m_{000}^{(00)}m_{001}^{(22)}m_{120}^{(22)}m_{030}^{(00)} + m_{000}^{(00)}m_{001}^{(22)}m_{111}^{(00)}m_{030}^{(21)} - m_{000}^{(00)}m_{001}^{(22)}m_{111}^{(00)}m_{021}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(22)}m_{111}^{(11)}m_{021}^{(00)} - m_{000}^{(00)}m_{001}^{(22)}m_{111}^{(21)}m_{030}^{(00)} + m_{000}^{(10)}m_{100}^{(00)}m_{120}^{(11)}m_{003}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(00)}m_{120}^{(21)}m_{012}^{(22)} - m_{000}^{(10)}m_{100}^{(00)}m_{120}^{(21)}m_{003}^{(21)} + m_{000}^{(10)}m_{100}^{(00)}m_{120}^{(22)}m_{012}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(00)}m_{111}^{(11)}m_{012}^{(22)} - m_{000}^{(10)}m_{100}^{(00)}m_{111}^{(11)}m_{003}^{(21)} + m_{000}^{(10)}m_{100}^{(00)}m_{111}^{(21)}m_{021}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(00)}m_{111}^{(21)}m_{012}^{(21)} + m_{000}^{(10)}m_{100}^{(00)}m_{111}^{(21)}m_{003}^{(11)} - m_{000}^{(10)}m_{100}^{(00)}m_{111}^{(22)}m_{021}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(00)}m_{111}^{(22)}m_{012}^{(11)} + m_{000}^{(10)}m_{100}^{(00)}m_{102}^{(11)}m_{012}^{(21)} - m_{000}^{(10)}m_{100}^{(00)}m_{102}^{(21)}m_{021}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(00)}m_{102}^{(21)}m_{012}^{(11)} + m_{000}^{(10)}m_{100}^{(00)}m_{102}^{(22)}m_{021}^{(11)} - m_{000}^{(10)}m_{100}^{(00)}m_{030}^{(10)}m_{003}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(00)}m_{030}^{(20)}m_{012}^{(22)} + m_{000}^{(10)}m_{100}^{(00)}m_{030}^{(21)}m_{003}^{(20)} - m_{000}^{(10)}m_{100}^{(00)}m_{030}^{(22)}m_{012}^{(20)}\\
&+3m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(10)}m_{003}^{(21)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(11)}m_{003}^{(20)} - 3m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(20)}m_{012}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(21)}m_{012}^{(20)} - m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(21)}m_{003}^{(10)} + m_{000}^{(10)}m_{100}^{(00)}m_{021}^{(22)}m_{012}^{(10)}\\
&-2m_{000}^{(10)}m_{100}^{(00)}m_{012}^{(10)}m_{012}^{(21)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{012}^{(10)}m_{003}^{(11)} + 2m_{000}^{(10)}m_{100}^{(00)}m_{012}^{(11)}m_{012}^{(20)}\\
&+2m_{000}^{(10)}m_{100}^{(00)}m_{012}^{(11)}m_{003}^{(10)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{210}^{(11)}m_{003}^{(22)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{210}^{(21)}m_{012}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{210}^{(21)}m_{003}^{(21)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{210}^{(22)}m_{012}^{(21)} + m_{000}^{(10)}m_{100}^{(10)}m_{201}^{(11)}m_{012}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{201}^{(11)}m_{003}^{(21)} - m_{000}^{(10)}m_{100}^{(10)}m_{201}^{(21)}m_{021}^{(22)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{201}^{(21)}m_{012}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{201}^{(21)}m_{003}^{(11)} + m_{000}^{(10)}m_{100}^{(10)}m_{201}^{(22)}m_{021}^{(21)} + m_{000}^{(10)}m_{100}^{(10)}m_{201}^{(22)}m_{012}^{(11)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{120}^{(10)}m_{003}^{(22)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{120}^{(20)}m_{012}^{(22)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{120}^{(21)}m_{003}^{(20)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{120}^{(22)}m_{012}^{(20)} - 4m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(10)}m_{003}^{(21)} + 4m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(11)}m_{003}^{(20)}\\
&+4m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(20)}m_{012}^{(21)} - 4m_{000}^{(10)}m_{100}^{(10)}m_{111}^{(21)}m_{012}^{(20)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(10)}m_{003}^{(11)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(11)}m_{012}^{(20)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(11)}m_{003}^{(10)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(20)}m_{012}^{(11)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(21)}m_{021}^{(20)} + 4m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(21)}m_{012}^{(10)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{102}^{(22)}m_{021}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{021}^{(00)}m_{012}^{(22)} - m_{000}^{(10)}m_{100}^{(10)}m_{021}^{(00)}m_{003}^{(21)} + m_{000}^{(10)}m_{100}^{(10)}m_{021}^{(21)}m_{003}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{021}^{(22)}m_{012}^{(00)} + m_{000}^{(10)}m_{100}^{(10)}m_{012}^{(00)}m_{003}^{(11)} - m_{000}^{(10)}m_{100}^{(10)}m_{012}^{(11)}m_{003}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{300}^{(11)}m_{003}^{(22)} - m_{000}^{(10)}m_{100}^{(11)}m_{300}^{(21)}m_{012}^{(22)} - m_{000}^{(10)}m_{100}^{(11)}m_{300}^{(21)}m_{003}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{300}^{(22)}m_{012}^{(21)} - m_{000}^{(10)}m_{100}^{(11)}m_{210}^{(10)}m_{003}^{(22)} + m_{000}^{(10)}m_{100}^{(11)}m_{210}^{(20)}m_{012}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{210}^{(21)}m_{003}^{(20)} - m_{000}^{(10)}m_{100}^{(11)}m_{210}^{(22)}m_{012}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{201}^{(10)}m_{003}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{201}^{(11)}m_{102}^{(22)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{201}^{(11)}m_{003}^{(20)} - m_{000}^{(10)}m_{100}^{(11)}m_{201}^{(20)}m_{012}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{201}^{(21)}m_{111}^{(22)} + m_{000}^{(10)}m_{100}^{(11)}m_{201}^{(21)}m_{102}^{(21)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{201}^{(21)}m_{012}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{201}^{(21)}m_{003}^{(10)} - m_{000}^{(10)}m_{100}^{(11)}m_{201}^{(22)}m_{111}^{(21)} - m_{000}^{(10)}m_{100}^{(11)}m_{201}^{(22)}m_{012}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{111}^{(00)}m_{012}^{(22)} + m_{000}^{(10)}m_{100}^{(11)}m_{111}^{(00)}m_{003}^{(21)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{111}^{(10)}m_{102}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(11)}m_{111}^{(20)}m_{102}^{(21)} - m_{000}^{(10)}m_{100}^{(11)}m_{111}^{(21)}m_{003}^{(00)} + m_{000}^{(10)}m_{100}^{(11)}m_{111}^{(22)}m_{012}^{(00)}
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&+m_{000}^{(10)}m_{100}^{(11)}m_{102}^{(00)}m_{012}^{(21)} - m_{000}^{(10)}m_{100}^{(11)}m_{102}^{(00)}m_{003}^{(11)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{102}^{(10)}m_{102}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(11)}m_{102}^{(11)}m_{102}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{102}^{(11)}m_{003}^{(00)} - m_{000}^{(10)}m_{100}^{(11)}m_{102}^{(21)}m_{012}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{210}^{(11)}m_{012}^{(22)} + m_{000}^{(10)}m_{100}^{(20)}m_{210}^{(11)}m_{003}^{(21)} - m_{000}^{(10)}m_{100}^{(20)}m_{210}^{(21)}m_{021}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(20)}m_{210}^{(21)}m_{012}^{(21)} - m_{000}^{(10)}m_{100}^{(20)}m_{210}^{(21)}m_{003}^{(11)} + m_{000}^{(10)}m_{100}^{(20)}m_{210}^{(22)}m_{021}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{210}^{(22)}m_{012}^{(11)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{201}^{(11)}m_{012}^{(21)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{201}^{(21)}m_{021}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{201}^{(21)}m_{012}^{(11)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{201}^{(22)}m_{021}^{(11)} - m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(10)}m_{012}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(10)}m_{003}^{(21)} - m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(11)}m_{102}^{(22)} - m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(11)}m_{102}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(20)}m_{021}^{(22)} + m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(20)}m_{012}^{(21)} + m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(21)}m_{111}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(21)}m_{102}^{(21)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(21)}m_{012}^{(20)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(21)}m_{003}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(22)}m_{111}^{(21)} - m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(22)}m_{021}^{(20)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{120}^{(22)}m_{012}^{(10)}\\
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&+m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(11)}m_{111}^{(22)} + m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(11)}m_{102}^{(21)} - m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(11)}m_{012}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(11)}m_{003}^{(10)} + m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(20)}m_{030}^{(22)} - 4m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(20)}m_{021}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(20)}m_{012}^{(11)} - m_{000}^{(10)}m_{100}^{(20)}(m_{111}^{(21)})^2 - m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(21)}m_{102}^{(11)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(21)}m_{021}^{(20)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(21)}m_{012}^{(10)} - m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(22)}m_{030}^{(20)}\\
&+3m_{000}^{(10)}m_{100}^{(20)}m_{111}^{(22)}m_{021}^{(10)} + m_{000}^{(10)}m_{100}^{(20)}m_{102}^{(10)}m_{021}^{(21)} - 3m_{000}^{(10)}m_{100}^{(20)}m_{102}^{(10)}m_{012}^{(11)}\\
&+3m_{000}^{(10)}m_{100}^{(20)}m_{102}^{(11)}m_{012}^{(10)} - m_{000}^{(10)}m_{100}^{(20)}m_{102}^{(20)}m_{030}^{(21)} + 3m_{000}^{(10)}m_{100}^{(20)}m_{102}^{(20)}m_{021}^{(11)}\\
&-4m_{000}^{(10)}m_{100}^{(20)}m_{102}^{(21)}m_{021}^{(10)} + m_{000}^{(10)}m_{100}^{(20)}m_{102}^{(22)}m_{030}^{(10)} + m_{000}^{(10)}m_{100}^{(20)}m_{030}^{(10)}m_{003}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{030}^{(20)}m_{012}^{(20)} - m_{000}^{(10)}m_{100}^{(20)}m_{030}^{(21)}m_{003}^{(00)} + m_{000}^{(10)}m_{100}^{(20)}m_{030}^{(22)}m_{012}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{021}^{(00)}m_{021}^{(22)} + m_{000}^{(10)}m_{100}^{(20)}m_{021}^{(00)}m_{012}^{(21)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{021}^{(10)}m_{012}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{021}^{(10)}m_{003}^{(10)} + m_{000}^{(10)}m_{100}^{(20)}m_{021}^{(11)}m_{003}^{(00)} + m_{000}^{(10)}m_{100}^{(20)}(m_{021}^{(20)})^2\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{021}^{(20)}m_{012}^{(10)} - m_{000}^{(10)}m_{100}^{(20)}m_{012}^{(00)}m_{012}^{(11)} + m_{000}^{(10)}m_{100}^{(20)}(m_{012}^{(10)})^2\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{300}^{(11)}m_{012}^{(22)} - m_{000}^{(10)}m_{100}^{(21)}m_{300}^{(11)}m_{003}^{(21)} + m_{000}^{(10)}m_{100}^{(21)}m_{300}^{(21)}m_{021}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{300}^{(21)}m_{012}^{(21)} + m_{000}^{(10)}m_{100}^{(21)}m_{300}^{(21)}m_{003}^{(11)} - m_{000}^{(10)}m_{100}^{(21)}m_{300}^{(22)}m_{021}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{300}^{(22)}m_{012}^{(11)} + m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(10)}m_{012}^{(22)} + m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(10)}m_{003}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(11)}m_{102}^{(22)} + m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(11)}m_{003}^{(20)} - m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(20)}m_{021}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(20)}m_{012}^{(21)} - m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(21)}m_{111}^{(22)} - m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(21)}m_{102}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(21)}m_{012}^{(20)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(21)}m_{003}^{(10)} + m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(22)}m_{111}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(22)}m_{021}^{(20)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{210}^{(22)}m_{012}^{(10)} - m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(10)}m_{012}^{(21)}\\
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&+m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(11)}m_{003}^{(10)} + m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(20)}m_{021}^{(21)} + m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(20)}m_{012}^{(11)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(21)}m_{111}^{(21)} - m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(21)}m_{102}^{(11)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(21)}m_{021}^{(20)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(21)}m_{012}^{(10)} + m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(22)}m_{111}^{(11)} + m_{000}^{(10)}m_{100}^{(21)}m_{201}^{(22)}m_{021}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{120}^{(10)}m_{102}^{(22)} - m_{000}^{(10)}m_{100}^{(21)}m_{120}^{(10)}m_{003}^{(20)} + m_{000}^{(10)}m_{100}^{(21)}m_{120}^{(20)}m_{111}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{120}^{(20)}m_{012}^{(20)} + m_{000}^{(10)}m_{100}^{(21)}m_{120}^{(21)}m_{102}^{(20)} + m_{000}^{(10)}m_{100}^{(21)}m_{120}^{(21)}m_{003}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{120}^{(22)}m_{111}^{(20)} - m_{000}^{(10)}m_{100}^{(21)}m_{120}^{(22)}m_{012}^{(00)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(00)}m_{021}^{(22)}\\
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&+m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(10)}m_{012}^{(20)} + m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(10)}m_{003}^{(10)} - 4m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(11)}m_{102}^{(20)}
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&-m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(11)}m_{003}^{(00)} + 3m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(20)}m_{111}^{(21)} - m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(20)}m_{021}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(20)}m_{012}^{(10)} + 3m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(21)}m_{102}^{(10)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(21)}m_{012}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{111}^{(22)}m_{021}^{(00)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{102}^{(00)}m_{021}^{(21)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{102}^{(00)}m_{012}^{(11)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{102}^{(10)}m_{012}^{(10)} - m_{000}^{(10)}m_{100}^{(21)}m_{102}^{(11)}m_{012}^{(00)} + m_{000}^{(10)}m_{100}^{(21)}m_{102}^{(20)}m_{021}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{102}^{(21)}m_{021}^{(00)} + m_{000}^{(10)}m_{100}^{(22)}m_{300}^{(11)}m_{012}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{300}^{(21)}m_{021}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{300}^{(21)}m_{012}^{(11)} + m_{000}^{(10)}m_{100}^{(22)}m_{300}^{(22)}m_{021}^{(11)} - m_{000}^{(10)}m_{100}^{(22)}m_{210}^{(10)}m_{012}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{210}^{(11)}m_{102}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{210}^{(11)}m_{012}^{(20)} + m_{000}^{(10)}m_{100}^{(22)}m_{210}^{(20)}m_{021}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{210}^{(21)}m_{111}^{(21)} + m_{000}^{(10)}m_{100}^{(22)}m_{210}^{(21)}m_{102}^{(11)} + m_{000}^{(10)}m_{100}^{(22)}m_{210}^{(21)}m_{021}^{(20)}\\
&+2m_{000}^{(10)}m_{100}^{(22)}m_{210}^{(21)}m_{012}^{(10)} - m_{000}^{(10)}m_{100}^{(22)}m_{210}^{(22)}m_{111}^{(11)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{210}^{(22)}m_{021}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{201}^{(10)}m_{012}^{(11)} - m_{000}^{(10)}m_{100}^{(22)}m_{201}^{(11)}m_{012}^{(10)} - m_{000}^{(10)}m_{100}^{(22)}m_{201}^{(20)}m_{021}^{(11)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{201}^{(21)}m_{021}^{(10)} + m_{000}^{(10)}m_{100}^{(22)}m_{120}^{(10)}m_{102}^{(21)} + m_{000}^{(10)}m_{100}^{(22)}m_{120}^{(10)}m_{012}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{120}^{(11)}m_{102}^{(20)} - m_{000}^{(10)}m_{100}^{(22)}m_{120}^{(20)}m_{111}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{120}^{(20)}m_{021}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{120}^{(21)}m_{111}^{(20)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{120}^{(21)}m_{102}^{(10)} - m_{000}^{(10)}m_{100}^{(22)}m_{120}^{(21)}m_{012}^{(00)}\\
&+2m_{000}^{(10)}m_{100}^{(22)}m_{120}^{(22)}m_{111}^{(10)} + m_{000}^{(10)}m_{100}^{(22)}m_{120}^{(22)}m_{021}^{(00)} - m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(00)}m_{030}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(00)}m_{021}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(10)}m_{111}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(10)}m_{102}^{(11)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(10)}m_{021}^{(20)} - m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(10)}m_{012}^{(10)} + m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(11)}m_{111}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(11)}m_{102}^{(10)} + m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(11)}m_{012}^{(00)} + m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(20)}m_{030}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(20)}m_{021}^{(10)} - m_{000}^{(10)}m_{100}^{(22)}m_{111}^{(21)}m_{021}^{(00)} + m_{000}^{(10)}m_{100}^{(22)}m_{102}^{(00)}m_{030}^{(21)}\\
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&+m_{000}^{(10)}m_{010}^{(00)}m_{120}^{(10)}m_{003}^{(22)} - m_{000}^{(10)}m_{010}^{(00)}m_{120}^{(20)}m_{003}^{(21)} - m_{000}^{(10)}m_{010}^{(00)}m_{120}^{(21)}m_{102}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{120}^{(22)}m_{102}^{(21)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{111}^{(10)}m_{012}^{(22)} + m_{000}^{(10)}m_{010}^{(00)}m_{111}^{(11)}m_{102}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(00)}m_{111}^{(11)}m_{003}^{(20)} + m_{000}^{(10)}m_{010}^{(00)}m_{111}^{(20)}m_{021}^{(22)} + m_{000}^{(10)}m_{010}^{(00)}m_{111}^{(20)}m_{003}^{(11)}\\
&+2m_{000}^{(10)}m_{010}^{(00)}m_{111}^{(21)}m_{012}^{(20)} - m_{000}^{(10)}m_{010}^{(00)}m_{111}^{(22)}m_{102}^{(11)} - m_{000}^{(10)}m_{010}^{(00)}m_{111}^{(22)}m_{021}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{102}^{(10)}m_{021}^{(22)} + m_{000}^{(10)}m_{010}^{(00)}m_{102}^{(11)}m_{012}^{(20)} - m_{000}^{(10)}m_{010}^{(00)}m_{102}^{(20)}m_{030}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{102}^{(20)}m_{021}^{(21)} - m_{000}^{(10)}m_{010}^{(00)}m_{102}^{(20)}m_{012}^{(11)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{102}^{(21)}m_{021}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{102}^{(22)}m_{030}^{(20)} - m_{000}^{(10)}m_{010}^{(00)}m_{030}^{(00)}m_{003}^{(22)} + m_{000}^{(10)}m_{010}^{(00)}m_{030}^{(20)}m_{003}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{021}^{(00)}m_{012}^{(22)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{021}^{(00)}m_{003}^{(21)} - m_{000}^{(10)}m_{010}^{(00)}m_{021}^{(10)}m_{003}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(00)}m_{021}^{(20)}m_{012}^{(20)} - m_{000}^{(10)}m_{010}^{(00)}m_{021}^{(20)}m_{003}^{(10)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{012}^{(00)}m_{012}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(00)}m_{012}^{(00)}m_{003}^{(11)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{012}^{(10)}m_{012}^{(20)} + m_{000}^{(10)}m_{010}^{(00)}m_{012}^{(11)}m_{003}^{(00)}\\
&-2m_{000}^{(10)}m_{010}^{(10)}m_{210}^{(10)}m_{003}^{(22)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{210}^{(20)}m_{003}^{(21)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{210}^{(21)}m_{102}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(10)}m_{210}^{(22)}m_{102}^{(21)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{201}^{(10)}m_{012}^{(22)} - m_{000}^{(10)}m_{010}^{(10)}m_{201}^{(11)}m_{102}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(10)}m_{201}^{(11)}m_{003}^{(20)} - m_{000}^{(10)}m_{010}^{(10)}m_{201}^{(20)}m_{021}^{(22)} - m_{000}^{(10)}m_{010}^{(10)}m_{201}^{(20)}m_{003}^{(11)}\\
&-2m_{000}^{(10)}m_{010}^{(10)}m_{201}^{(21)}m_{012}^{(20)} + m_{000}^{(10)}m_{010}^{(10)}m_{201}^{(22)}m_{102}^{(11)} + m_{000}^{(10)}m_{010}^{(10)}m_{201}^{(22)}m_{021}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(10)}m_{120}^{(00)}m_{003}^{(22)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{120}^{(20)}m_{102}^{(22)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{120}^{(20)}m_{003}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(10)}m_{120}^{(22)}m_{102}^{(20)} - 4m_{000}^{(10)}m_{010}^{(10)}m_{111}^{(00)}m_{003}^{(21)} + 4m_{000}^{(10)}m_{010}^{(10)}m_{111}^{(10)}m_{003}^{(20)}\\
&+4m_{000}^{(10)}m_{010}^{(10)}m_{111}^{(20)}m_{102}^{(21)} - 4m_{000}^{(10)}m_{010}^{(10)}m_{111}^{(21)}m_{102}^{(20)} - m_{000}^{(10)}m_{010}^{(10)}m_{102}^{(00)}m_{021}^{(22)}\\
&+2m_{000}^{(10)}m_{010}^{(10)}m_{102}^{(00)}m_{012}^{(21)} + m_{000}^{(10)}m_{010}^{(10)}m_{102}^{(00)}m_{003}^{(11)} - 4m_{000}^{(10)}m_{010}^{(10)}m_{102}^{(10)}m_{012}^{(20)}\\
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&-m_{000}^{(10)}m_{010}^{(10)}m_{102}^{(22)}m_{021}^{(00)} - m_{000}^{(10)}m_{010}^{(10)}m_{021}^{(00)}m_{003}^{(20)} + m_{000}^{(10)}m_{010}^{(10)}m_{021}^{(20)}m_{003}^{(00)}\\
&+2m_{000}^{(10)}m_{010}^{(10)}m_{012}^{(00)}m_{003}^{(10)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{012}^{(10)}m_{003}^{(00)} + m_{000}^{(10)}m_{010}^{(11)}m_{300}^{(10)}m_{003}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(11)}m_{300}^{(20)}m_{003}^{(21)} - m_{000}^{(10)}m_{010}^{(11)}m_{300}^{(21)}m_{102}^{(22)} + m_{000}^{(10)}m_{010}^{(11)}m_{300}^{(22)}m_{102}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(11)}m_{210}^{(00)}m_{003}^{(22)} + m_{000}^{(10)}m_{010}^{(11)}m_{210}^{(20)}m_{102}^{(22)} + m_{000}^{(10)}m_{010}^{(11)}m_{210}^{(20)}m_{003}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(11)}m_{210}^{(22)}m_{102}^{(20)} - m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(00)}m_{012}^{(22)} + 2m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(00)}m_{003}^{(21)}\\
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&+m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(20)}m_{012}^{(20)} + m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(20)}m_{003}^{(10)} + 3m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(21)}m_{102}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(22)}m_{111}^{(20)} - m_{000}^{(10)}m_{010}^{(11)}m_{201}^{(22)}m_{102}^{(10)} + m_{000}^{(10)}m_{010}^{(11)}m_{111}^{(00)}m_{102}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(11)}m_{111}^{(00)}m_{003}^{(20)} - 2m_{000}^{(10)}m_{010}^{(11)}m_{111}^{(20)}m_{102}^{(20)} - m_{000}^{(10)}m_{010}^{(11)}m_{111}^{(20)}m_{003}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(11)}m_{111}^{(22)}m_{102}^{(00)} - 2m_{000}^{(10)}m_{010}^{(11)}m_{102}^{(00)}m_{102}^{(21)} + m_{000}^{(10)}m_{010}^{(11)}m_{102}^{(00)}m_{012}^{(20)}\\
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&-m_{000}^{(10)}m_{010}^{(20)}m_{210}^{(21)}m_{102}^{(21)} + m_{000}^{(10)}m_{010}^{(20)}m_{210}^{(22)}m_{111}^{(21)} + m_{000}^{(10)}m_{010}^{(20)}m_{210}^{(22)}m_{102}^{(11)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{201}^{(10)}m_{021}^{(22)} - m_{000}^{(10)}m_{010}^{(20)}m_{201}^{(10)}m_{012}^{(21)} + m_{000}^{(10)}m_{010}^{(20)}m_{201}^{(11)}m_{111}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{201}^{(11)}m_{012}^{(20)} + m_{000}^{(10)}m_{010}^{(20)}m_{201}^{(20)}m_{030}^{(22)} - m_{000}^{(10)}m_{010}^{(20)}m_{201}^{(20)}m_{021}^{(21)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{201}^{(20)}m_{012}^{(11)} - m_{000}^{(10)}m_{010}^{(20)}m_{201}^{(21)}m_{120}^{(22)} + m_{000}^{(10)}m_{010}^{(20)}m_{201}^{(21)}m_{111}^{(21)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{201}^{(21)}m_{021}^{(20)} + m_{000}^{(10)}m_{010}^{(20)}m_{201}^{(22)}m_{120}^{(21)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{201}^{(22)}m_{111}^{(11)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{201}^{(22)}m_{030}^{(20)} - m_{000}^{(10)}m_{010}^{(20)}m_{120}^{(00)}m_{012}^{(22)} - m_{000}^{(10)}m_{010}^{(20)}m_{120}^{(00)}m_{003}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{120}^{(10)}m_{102}^{(22)} - m_{000}^{(10)}m_{010}^{(20)}m_{120}^{(10)}m_{003}^{(20)} + m_{000}^{(10)}m_{010}^{(20)}m_{120}^{(20)}m_{111}^{(22)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{120}^{(20)}m_{102}^{(21)} + m_{000}^{(10)}m_{010}^{(20)}m_{120}^{(20)}m_{012}^{(20)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{120}^{(20)}m_{003}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{120}^{(21)}m_{102}^{(20)} - m_{000}^{(10)}m_{010}^{(20)}m_{120}^{(22)}m_{111}^{(20)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{120}^{(22)}m_{102}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(00)}m_{021}^{(22)} + 4m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(00)}m_{012}^{(21)} + m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(00)}m_{003}^{(11)}\\
&+3m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(10)}m_{111}^{(22)} - m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(10)}m_{102}^{(21)} - m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(10)}m_{012}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(10)}m_{003}^{(10)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(11)}m_{102}^{(20)} - 3m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(20)}m_{111}^{(21)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(20)}m_{102}^{(11)} + m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(20)}m_{021}^{(20)} - 3m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(20)}m_{012}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{111}^{(21)}m_{102}^{(10)} + m_{000}^{(10)}m_{010}^{(20)}m_{102}^{(00)}m_{030}^{(22)} - m_{000}^{(10)}m_{010}^{(20)}m_{102}^{(00)}m_{021}^{(21)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{102}^{(00)}m_{012}^{(11)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{102}^{(10)}m_{021}^{(20)} + m_{000}^{(10)}m_{010}^{(20)}m_{102}^{(10)}m_{012}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{102}^{(11)}m_{012}^{(00)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{102}^{(20)}m_{030}^{(20)} + m_{000}^{(10)}m_{010}^{(20)}m_{102}^{(20)}m_{021}^{(10)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{102}^{(21)}m_{021}^{(00)} + m_{000}^{(10)}m_{010}^{(20)}m_{102}^{(22)}m_{030}^{(00)} + m_{000}^{(10)}m_{010}^{(20)}m_{030}^{(00)}m_{003}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{030}^{(20)}m_{003}^{(00)} - m_{000}^{(10)}m_{010}^{(20)}m_{021}^{(00)}m_{012}^{(20)} - m_{000}^{(10)}m_{010}^{(20)}m_{021}^{(00)}m_{003}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{021}^{(10)}m_{003}^{(00)} + m_{000}^{(10)}m_{010}^{(20)}m_{021}^{(20)}m_{012}^{(00)} - m_{000}^{(10)}m_{010}^{(21)}m_{300}^{(10)}m_{012}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{300}^{(10)}m_{003}^{(21)} + m_{000}^{(10)}m_{010}^{(21)}m_{300}^{(20)}m_{012}^{(21)} + m_{000}^{(10)}m_{010}^{(21)}m_{300}^{(20)}m_{003}^{(11)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{300}^{(21)}m_{111}^{(22)} + m_{000}^{(10)}m_{010}^{(21)}m_{300}^{(21)}m_{102}^{(21)} - m_{000}^{(10)}m_{010}^{(21)}m_{300}^{(22)}m_{111}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{300}^{(22)}m_{102}^{(11)} + m_{000}^{(10)}m_{010}^{(21)}m_{210}^{(00)}m_{012}^{(22)} + m_{000}^{(10)}m_{010}^{(21)}m_{210}^{(00)}m_{003}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{210}^{(10)}m_{102}^{(22)} + m_{000}^{(10)}m_{010}^{(21)}m_{210}^{(10)}m_{003}^{(20)} - m_{000}^{(10)}m_{010}^{(21)}m_{210}^{(20)}m_{111}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(21)}m_{210}^{(20)}m_{102}^{(21)} - m_{000}^{(10)}m_{010}^{(21)}m_{210}^{(20)}m_{012}^{(20)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{210}^{(20)}m_{003}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{210}^{(21)}m_{201}^{(22)} - m_{000}^{(10)}m_{010}^{(21)}m_{210}^{(21)}m_{102}^{(20)} + m_{000}^{(10)}m_{010}^{(21)}m_{210}^{(22)}m_{201}^{(21)}
\end{aligned}
$$

$$+m_{000}^{(10)}m_{010}^{(21)}m_{210}^{(22)}m_{111}^{(20)}+2m_{000}^{(10)}m_{010}^{(21)}m_{210}^{(22)}m_{102}^{(10)}+2m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(00)}m_{021}^{(22)}$$
$$-3m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(00)}m_{012}^{(21)}-m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(00)}m_{003}^{(11)}-3m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(10)}m_{111}^{(22)}$$
$$+2m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(10)}m_{102}^{(21)}+4m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(10)}m_{012}^{(20)}+m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(10)}m_{003}^{(10)}$$
$$+m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(11)}m_{201}^{(22)}-m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(11)}m_{102}^{(20)}-m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(20)}m_{120}^{(22)}$$
$$+4m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(20)}m_{111}^{(21)}-2m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(20)}m_{021}^{(20)}-m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(20)}m_{012}^{(10)}$$
$$-m_{000}^{(10)}m_{010}^{(21)}(m_{201}^{(21)})^2-2m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(21)}m_{111}^{(20)}-m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(21)}m_{102}^{(10)}$$
$$+m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(22)}m_{120}^{(20)}+m_{000}^{(10)}m_{010}^{(21)}m_{201}^{(22)}m_{111}^{(10)}-m_{000}^{(10)}m_{010}^{(21)}m_{120}^{(00)}m_{102}^{(22)}$$
$$-m_{000}^{(10)}m_{010}^{(21)}m_{120}^{(00)}m_{003}^{(20)}+2m_{000}^{(10)}m_{010}^{(21)}m_{120}^{(20)}m_{102}^{(20)}+m_{000}^{(10)}m_{010}^{(21)}m_{120}^{(20)}m_{003}^{(00)}$$
$$-m_{000}^{(10)}m_{010}^{(21)}m_{120}^{(22)}m_{102}^{(00)}-m_{000}^{(10)}m_{010}^{(21)}m_{111}^{(00)}m_{111}^{(22)}+m_{000}^{(10)}m_{010}^{(21)}m_{111}^{(00)}m_{102}^{(21)}$$
$$-m_{000}^{(10)}m_{010}^{(21)}m_{111}^{(00)}m_{012}^{(20)}+m_{000}^{(10)}m_{010}^{(21)}m_{111}^{(00)}m_{003}^{(10)}-4m_{000}^{(10)}m_{010}^{(21)}m_{111}^{(10)}m_{102}^{(20)}$$
$$-m_{000}^{(10)}m_{010}^{(21)}m_{111}^{(10)}m_{003}^{(00)}+m_{000}^{(10)}m_{010}^{(21)}(m_{111}^{(20)})^2+2m_{000}^{(10)}m_{010}^{(21)}m_{111}^{(20)}m_{102}^{(10)}$$
$$+m_{000}^{(10)}m_{010}^{(21)}m_{111}^{(20)}m_{012}^{(00)}+m_{000}^{(10)}m_{010}^{(21)}m_{111}^{(21)}m_{102}^{(00)}+m_{000}^{(10)}m_{010}^{(21)}m_{102}^{(00)}m_{102}^{(11)}$$
$$-2m_{000}^{(10)}m_{010}^{(21)}m_{102}^{(00)}m_{021}^{(20)}+3m_{000}^{(10)}m_{010}^{(21)}m_{102}^{(00)}m_{012}^{(10)}-m_{000}^{(10)}m_{010}^{(21)}(m_{102}^{(10)})^2$$
$$-3m_{000}^{(10)}m_{010}^{(21)}m_{102}^{(10)}m_{012}^{(00)}+2m_{000}^{(10)}m_{010}^{(21)}m_{102}^{(20)}m_{021}^{(00)}+m_{000}^{(10)}m_{010}^{(22)}m_{300}^{(10)}m_{012}^{(21)}$$
$$-m_{000}^{(10)}m_{010}^{(22)}m_{300}^{(20)}m_{012}^{(11)}-m_{000}^{(10)}m_{010}^{(22)}m_{300}^{(21)}m_{111}^{(21)}+m_{000}^{(10)}m_{010}^{(22)}m_{300}^{(22)}m_{111}^{(11)}$$
$$-m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(00)}m_{012}^{(21)}-m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(10)}m_{102}^{(21)}-m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(10)}m_{012}^{(20)}$$
$$+m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(20)}m_{111}^{(21)}+m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(20)}m_{102}^{(11)}+2m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(20)}m_{012}^{(10)}$$
$$+m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(21)}m_{201}^{(21)}+m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(21)}m_{111}^{(20)}-m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(22)}m_{201}^{(11)}$$
$$-2m_{000}^{(10)}m_{010}^{(22)}m_{210}^{(22)}m_{111}^{(10)}-m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(00)}m_{030}^{(22)}+m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(00)}m_{021}^{(21)}$$
$$+m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(00)}m_{012}^{(11)}+2m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(10)}m_{120}^{(22)}-m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(10)}m_{111}^{(21)}$$
$$-m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(10)}m_{021}^{(20)}-m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(10)}m_{012}^{(10)}+m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(11)}m_{111}^{(20)}$$
$$-m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(20)}m_{120}^{(21)}-m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(20)}m_{111}^{(11)}+m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(20)}m_{030}^{(20)}$$
$$-m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(21)}m_{120}^{(20)}+m_{000}^{(10)}m_{010}^{(22)}m_{201}^{(21)}m_{111}^{(10)}+m_{000}^{(10)}m_{010}^{(22)}m_{120}^{(00)}m_{102}^{(21)}$$
$$+m_{000}^{(10)}m_{010}^{(22)}m_{120}^{(00)}m_{012}^{(20)}+m_{000}^{(10)}m_{010}^{(22)}m_{120}^{(10)}m_{102}^{(20)}-m_{000}^{(10)}m_{010}^{(22)}m_{120}^{(20)}m_{111}^{(20)}$$
$$-2m_{000}^{(10)}m_{010}^{(22)}m_{120}^{(20)}m_{102}^{(10)}-m_{000}^{(10)}m_{010}^{(22)}m_{120}^{(20)}m_{012}^{(00)}+m_{000}^{(10)}m_{010}^{(22)}m_{120}^{(22)}m_{111}^{(00)}$$
$$-m_{000}^{(10)}m_{010}^{(22)}m_{111}^{(00)}m_{111}^{(21)}-m_{000}^{(10)}m_{010}^{(22)}m_{111}^{(00)}m_{102}^{(11)}-m_{000}^{(10)}m_{010}^{(22)}m_{111}^{(00)}m_{012}^{(10)}$$
$$+m_{000}^{(10)}m_{010}^{(22)}m_{111}^{(10)}m_{111}^{(20)}+m_{000}^{(10)}m_{010}^{(22)}m_{111}^{(10)}m_{102}^{(10)}+m_{000}^{(10)}m_{010}^{(22)}m_{111}^{(10)}m_{012}^{(00)}$$
$$+m_{000}^{(10)}m_{010}^{(22)}m_{102}^{(00)}m_{030}^{(20)}-m_{000}^{(10)}m_{010}^{(22)}m_{102}^{(00)}m_{021}^{(10)}+m_{000}^{(10)}m_{010}^{(22)}m_{102}^{(10)}m_{021}^{(00)}$$
$$-m_{000}^{(10)}m_{010}^{(22)}m_{102}^{(20)}m_{030}^{(00)}+m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(10)}m_{012}^{(22)}-2m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(10)}m_{003}^{(21)}$$
$$-3m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(11)}m_{102}^{(22)}+2m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(11)}m_{003}^{(20)}-2m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(20)}m_{021}^{(22)}$$
$$+3m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(20)}m_{012}^{(21)}+4m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(21)}m_{111}^{(22)}+3m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(21)}m_{102}^{(21)}$$
$$-4m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(21)}m_{012}^{(20)}-4m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(22)}m_{111}^{(21)}+2m_{000}^{(10)}m_{001}^{(00)}m_{120}^{(22)}m_{021}^{(20)}$$
$$-m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(10)}m_{021}^{(22)}+2m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(10)}m_{012}^{(21)}+m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(10)}m_{003}^{(11)}$$
$$+3m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(11)}m_{111}^{(22)}+2m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(11)}m_{102}^{(21)}-2m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(11)}m_{012}^{(20)}$$
$$-m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(11)}m_{003}^{(10)}+2m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(20)}m_{030}^{(22)}-2m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(20)}m_{021}^{(21)}$$
$$-2m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(20)}m_{012}^{(11)}-3m_{000}^{(10)}m_{001}^{(00)}(m_{111}^{(21)})^2-2m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(21)}m_{102}^{(11)}$$
$$+4m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(21)}m_{021}^{(20)}+2m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(21)}m_{012}^{(10)}-2m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(22)}m_{030}^{(20)}$$
$$-m_{000}^{(10)}m_{001}^{(00)}m_{111}^{(22)}m_{021}^{(10)}-m_{000}^{(10)}m_{001}^{(00)}m_{102}^{(10)}m_{012}^{(11)}+m_{000}^{(10)}m_{001}^{(00)}m_{102}^{(11)}m_{012}^{(10)}$$

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\begin{aligned}
&-m_{000}^{(10)}m_{001}^{(00)}m_{102}^{(20)}m_{030}^{(21)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{102}^{(20)}m_{021}^{(11)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{102}^{(21)}m_{021}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{102}^{(22)}m_{030}^{(10)} + m_{000}^{(10)}m_{001}^{(00)}m_{030}^{(00)}m_{012}^{(22)} - m_{000}^{(10)}m_{001}^{(00)}m_{030}^{(20)}m_{012}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{021}^{(00)}m_{021}^{(22)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{021}^{(00)}m_{012}^{(21)} + m_{000}^{(10)}m_{001}^{(00)}m_{021}^{(10)}m_{003}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{021}^{(11)}m_{003}^{(00)} + m_{000}^{(10)}m_{001}^{(00)}(m_{021}^{(20)})^2 + 2m_{000}^{(10)}m_{001}^{(00)}m_{021}^{(21)}m_{012}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{012}^{(00)}m_{012}^{(11)} - m_{000}^{(10)}m_{001}^{(00)}(m_{012}^{(10)})^2 + 2m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(10)}m_{003}^{(21)}\\
&+4m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(11)}m_{102}^{(22)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(11)}m_{003}^{(20)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(20)}m_{021}^{(22)}\\
&-4m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(20)}m_{012}^{(21)} - 6m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(21)}m_{111}^{(22)} - 4m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(21)}m_{102}^{(21)}\\
&+4m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(21)}m_{012}^{(20)} + 6m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(22)}m_{111}^{(21)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{210}^{(22)}m_{021}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(10)}m_{021}^{(22)} - m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(10)}m_{003}^{(11)} - m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(11)}m_{111}^{(22)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(11)}m_{102}^{(21)} + m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(11)}m_{003}^{(10)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(20)}m_{012}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(21)}m_{120}^{(22)} + 4m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(21)}m_{111}^{(21)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(21)}m_{102}^{(11)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(21)}m_{012}^{(10)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(22)}m_{120}^{(21)} - 3m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(22)}m_{111}^{(11)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{201}^{(22)}m_{021}^{(10)} - 4m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(00)}m_{012}^{(22)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(00)}m_{003}^{(21)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(10)}m_{003}^{(20)} + 6m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(20)}m_{111}^{(22)} - 4m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(20)}m_{102}^{(21)}\\
&+4m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(20)}m_{012}^{(20)} + 4m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(21)}m_{102}^{(20)} - 6m_{000}^{(10)}m_{001}^{(10)}m_{120}^{(22)}m_{111}^{(20)}\\
&+3m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(00)}m_{021}^{(22)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(00)}m_{012}^{(21)} - m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(00)}m_{003}^{(11)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(11)}m_{102}^{(20)} + m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(11)}m_{003}^{(00)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(20)}m_{102}^{(11)}\\
&-4m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(20)}m_{021}^{(20)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(21)}m_{012}^{(00)} + m_{000}^{(10)}m_{001}^{(10)}m_{111}^{(22)}m_{021}^{(00)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{102}^{(00)}m_{021}^{(21)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{102}^{(10)}m_{021}^{(20)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{021}^{(00)}m_{012}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{021}^{(00)}m_{003}^{(10)} + m_{000}^{(10)}m_{001}^{(10)}m_{021}^{(10)}m_{003}^{(00)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{021}^{(20)}m_{012}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{300}^{(10)}m_{012}^{(22)} - m_{000}^{(10)}m_{001}^{(11)}m_{300}^{(11)}m_{102}^{(22)} + m_{000}^{(10)}m_{001}^{(11)}m_{300}^{(20)}m_{012}^{(21)}\\
&+2m_{000}^{(10)}m_{001}^{(11)}m_{300}^{(21)}m_{111}^{(22)} + m_{000}^{(10)}m_{001}^{(11)}m_{300}^{(21)}m_{102}^{(21)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{300}^{(22)}m_{111}^{(21)}\\
&+3m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(00)}m_{012}^{(22)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(00)}m_{003}^{(21)} - m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(10)}m_{102}^{(22)}\\
&+2m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(10)}m_{003}^{(20)} - 4m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(20)}m_{111}^{(22)} + 4m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(20)}m_{102}^{(21)}\\
&-3m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(20)}m_{012}^{(20)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(21)}m_{201}^{(22)} - 3m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(21)}m_{102}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(22)}m_{201}^{(21)} + 4m_{000}^{(10)}m_{001}^{(11)}m_{210}^{(22)}m_{111}^{(20)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(00)}m_{012}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(00)}m_{003}^{(11)} + m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(10)}m_{111}^{(22)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(10)}m_{012}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(10)}m_{003}^{(10)} + m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(11)}m_{201}^{(22)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(11)}m_{102}^{(20)}\\
&+2m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(20)}m_{111}^{(21)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(20)}m_{102}^{(11)} - m_{000}^{(10)}m_{001}^{(11)}(m_{201}^{(21)})^2\\
&-4m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(21)}m_{111}^{(20)} + m_{000}^{(10)}m_{001}^{(11)}m_{201}^{(22)}m_{111}^{(10)} - 3m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(00)}m_{111}^{(22)}\\
&+2m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(00)}m_{102}^{(21)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(00)}m_{012}^{(20)} + m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(00)}m_{003}^{(10)}\\
&-2m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(10)}m_{102}^{(20)} - m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(10)}m_{003}^{(00)} + 3m_{000}^{(10)}m_{001}^{(11)}(m_{111}^{(20)})^2\\
&-2m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(20)}m_{102}^{(10)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(20)}m_{012}^{(00)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{111}^{(21)}m_{102}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{102}^{(00)}m_{102}^{(11)} + m_{000}^{(10)}m_{001}^{(11)}m_{102}^{(00)}m_{012}^{(10)} + m_{000}^{(10)}m_{001}^{(11)}(m_{102}^{(10)})^2\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{102}^{(10)}m_{012}^{(00)} + m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(10)}m_{021}^{(22)} - 3m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(10)}m_{012}^{(21)}\\
&-3m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(11)}m_{111}^{(22)} - m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(11)}m_{102}^{(21)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(11)}m_{012}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(20)}m_{030}^{(22)} + 3m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(20)}m_{021}^{(21)} + m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(20)}m_{012}^{(11)}\\
&+4m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(21)}m_{120}^{(22)} + 5m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(21)}m_{111}^{(21)} + m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(21)}m_{102}^{(11)}
\end{aligned}
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\begin{aligned}
&-4m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(21)}m_{021}^{(20)} - 4m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(22)}m_{120}^{(21)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(22)}m_{111}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{210}^{(22)}m_{030}^{(20)} + m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(10)}m_{021}^{(21)} + m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(10)}m_{012}^{(11)}\\
&+3m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(11)}m_{111}^{(21)} - m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(11)}m_{012}^{(10)} + m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(20)}m_{030}^{(21)}\\
&-3m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(20)}m_{021}^{(11)} - 5m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(21)}m_{120}^{(21)} - 3m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(21)}m_{111}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(21)}m_{021}^{(10)} + 5m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(22)}m_{120}^{(11)} - m_{000}^{(10)}m_{001}^{(20)}m_{201}^{(22)}m_{030}^{(10)}\\
&+3m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(00)}m_{021}^{(22)} - m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(00)}m_{012}^{(21)} - 4m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(10)}m_{111}^{(22)}\\
&+5m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(10)}m_{102}^{(21)} + 3m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(10)}m_{012}^{(20)} - 3m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(11)}m_{102}^{(20)}\\
&-3m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(20)}m_{111}^{(21)} - 3m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(20)}m_{021}^{(20)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(20)}m_{012}^{(10)}\\
&+3m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(21)}m_{111}^{(20)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(21)}m_{102}^{(10)} + 4m_{000}^{(10)}m_{001}^{(20)}m_{120}^{(22)}m_{111}^{(10)}\\
&-2m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(00)}m_{030}^{(22)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(00)}m_{021}^{(21)} - 3m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(10)}m_{111}^{(21)}\\
&-3m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(10)}m_{102}^{(11)} - 3m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(10)}m_{021}^{(20)} + m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(10)}m_{012}^{(10)}\\
&+3m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(11)}m_{111}^{(20)} + 3m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(11)}m_{102}^{(10)} - m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(11)}m_{012}^{(00)}\\
&+3m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(20)}m_{030}^{(20)} + 3m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(20)}m_{021}^{(10)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(21)}m_{021}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{111}^{(22)}m_{030}^{(00)} + m_{000}^{(10)}m_{001}^{(20)}m_{102}^{(00)}m_{030}^{(21)} + m_{000}^{(10)}m_{001}^{(20)}m_{102}^{(00)}m_{021}^{(11)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{102}^{(10)}m_{021}^{(10)} - m_{000}^{(10)}m_{001}^{(20)}m_{102}^{(20)}m_{030}^{(10)} - m_{000}^{(10)}m_{001}^{(20)}m_{030}^{(00)}m_{012}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{030}^{(20)}m_{012}^{(00)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{021}^{(00)}m_{012}^{(10)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{021}^{(10)}m_{012}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(10)}m_{021}^{(22)} + m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(10)}m_{012}^{(21)} + m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(11)}m_{111}^{(22)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(11)}m_{102}^{(21)} - m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(20)}m_{021}^{(21)} - m_{000}^{(10)}m_{001}^{(21)}m_{300}^{(20)}m_{012}^{(11)}\\
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&+4m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(20)}m_{120}^{(22)} - 3m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(20)}m_{111}^{(21)} + 5m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(20)}m_{021}^{(20)}\\
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&+2m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(21)}m_{102}^{(10)} - 4m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(22)}m_{120}^{(20)} - 4m_{000}^{(10)}m_{001}^{(21)}m_{210}^{(22)}m_{111}^{(10)}\\
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&+2m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(10)}m_{102}^{(11)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(20)}m_{021}^{(10)} + m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(10)}m_{012}^{(10)}\\
&-2m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(11)}m_{111}^{(20)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(11)}m_{102}^{(10)} - 3m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(20)}m_{120}^{(21)}\\
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&+3m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(21)}m_{111}^{(10)} - m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(22)}m_{120}^{(10)} + 3m_{000}^{(10)}m_{001}^{(21)}m_{201}^{(00)}m_{120}^{(22)}m_{111}\\
&-2m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(00)}m_{102}^{(21)} + m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(00)}m_{012}^{(20)} + 3m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(10)}m_{102}^{(20)}\\
&-5m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(20)}m_{111}^{(20)} - m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(20)}m_{012}^{(00)} - m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(21)}m_{102}^{(00)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{120}^{(22)}m_{111}^{(00)} - 3m_{000}^{(10)}m_{001}^{(21)}m_{111}^{(00)}m_{111}^{(21)} + m_{000}^{(10)}m_{001}^{(21)}m_{111}^{(00)}m_{102}^{(11)}\\
&+3m_{000}^{(10)}m_{001}^{(21)}m_{111}^{(00)}m_{021}^{(20)} - 3m_{000}^{(10)}m_{001}^{(21)}m_{111}^{(00)}m_{012}^{(10)} + 3m_{000}^{(10)}m_{001}^{(21)}m_{111}^{(10)}m_{111}^{(20)}\\
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&-m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(00)}m_{021}^{(21)} - 4m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(10)}m_{120}^{(22)} + 4m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(10)}m_{111}^{(21)}\\
&+3m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(10)}m_{021}^{(20)} + 2m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(11)}m_{210}^{(22)} + m_{000}^{(10)}m_{001}^{(22)}m_{210}^{(11)}m_{201}^{(21)}\\
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&+2m_{000}^{(10)}m_{001}^{(22)}m_{201}^{(10)}m_{120}^{(21)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{201}^{(10)}m_{111}^{(11)} + 2m_{000}^{(10)}m_{001}^{(22)}m_{201}^{(11)}m_{111}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(22)}m_{201}^{(20)}m_{120}^{(11)} + m_{000}^{(10)}m_{001}^{(22)}m_{201}^{(20)}m_{030}^{(10)} - 3m_{000}^{(10)}m_{001}^{(22)}m_{201}^{(21)}m_{120}^{(10)}\\
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&+m_{000}^{(11)}m_{100}^{(00)}m_{021}^{(20)}m_{012}^{(20)} + m_{000}^{(11)}m_{100}^{(00)}m_{021}^{(20)}m_{003}^{(10)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{012}^{(00)}m_{012}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{012}^{(00)}m_{003}^{(11)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{012}^{(10)}m_{012}^{(20)} - m_{000}^{(11)}m_{100}^{(00)}m_{012}^{(11)}m_{003}^{(00)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{210}^{(10)}m_{003}^{(22)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{210}^{(20)}m_{003}^{(21)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{210}^{(21)}m_{102}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{210}^{(22)}m_{102}^{(21)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{201}^{(10)}m_{012}^{(22)} + m_{000}^{(11)}m_{100}^{(10)}m_{201}^{(11)}m_{102}^{(22)}\\
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&+2m_{000}^{(11)}m_{100}^{(10)}m_{201}^{(21)}m_{012}^{(20)} - m_{000}^{(11)}m_{100}^{(10)}m_{201}^{(22)}m_{102}^{(11)} - m_{000}^{(11)}m_{100}^{(10)}m_{201}^{(22)}m_{021}^{(20)}\\
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&-2m_{000}^{(11)}m_{100}^{(10)}m_{120}^{(22)}m_{102}^{(20)} + 4m_{000}^{(11)}m_{100}^{(10)}m_{111}^{(00)}m_{003}^{(21)} - 4m_{000}^{(11)}m_{100}^{(10)}m_{111}^{(10)}m_{003}^{(20)}\\
&-4m_{000}^{(11)}m_{100}^{(10)}m_{111}^{(20)}m_{102}^{(21)} + 4m_{000}^{(11)}m_{100}^{(10)}m_{111}^{(21)}m_{102}^{(20)} + m_{000}^{(11)}m_{100}^{(10)}m_{102}^{(00)}m_{021}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{102}^{(00)}m_{012}^{(21)} - m_{000}^{(11)}m_{100}^{(10)}m_{102}^{(00)}m_{003}^{(11)} + 4m_{000}^{(11)}m_{100}^{(10)}m_{102}^{(10)}m_{012}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{102}^{(11)}m_{003}^{(00)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{102}^{(20)}m_{021}^{(20)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{102}^{(21)}m_{012}^{(00)}\\
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&+m_{000}^{(11)}m_{100}^{(11)}m_{300}^{(20)}m_{003}^{(21)} + m_{000}^{(11)}m_{100}^{(11)}m_{300}^{(21)}m_{102}^{(22)} - m_{000}^{(11)}m_{100}^{(11)}m_{300}^{(22)}m_{102}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{210}^{(00)}m_{003}^{(22)} - m_{000}^{(11)}m_{100}^{(11)}m_{210}^{(20)}m_{102}^{(22)} - m_{000}^{(11)}m_{100}^{(11)}m_{210}^{(20)}m_{003}^{(20)}\\
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&+3m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(10)}m_{003}^{(20)} - m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(20)}m_{111}^{(22)} + 2m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(20)}m_{102}^{(21)}\\
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&+m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(22)}m_{111}^{(20)} + m_{000}^{(11)}m_{100}^{(11)}m_{201}^{(22)}m_{102}^{(10)} - m_{000}^{(11)}m_{100}^{(11)}m_{111}^{(00)}m_{102}^{(22)}
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&-m_{000}^{(11)}m_{100}^{(11)}m_{111}^{(00)}m_{003}^{(20)}+2m_{000}^{(11)}m_{100}^{(11)}m_{111}^{(20)}m_{102}^{(20)}+m_{000}^{(11)}m_{100}^{(11)}m_{111}^{(20)}m_{003}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(11)}m_{111}^{(22)}m_{102}^{(00)}+2m_{000}^{(11)}m_{100}^{(11)}m_{102}^{(00)}m_{102}^{(21)}-m_{000}^{(11)}m_{100}^{(11)}m_{102}^{(00)}m_{012}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(11)}m_{102}^{(00)}m_{003}^{(10)}-2m_{000}^{(11)}m_{100}^{(11)}m_{102}^{(10)}m_{102}^{(20)}-2m_{000}^{(11)}m_{100}^{(11)}m_{102}^{(10)}m_{003}^{(00)}\\
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&+m_{000}^{(11)}m_{100}^{(21)}m_{300}^{(10)}m_{003}^{(21)}-m_{000}^{(11)}m_{100}^{(21)}m_{300}^{(20)}m_{012}^{(21)}-m_{000}^{(11)}m_{100}^{(21)}m_{300}^{(20)}m_{003}^{(11)}\\
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&+m_{000}^{(11)}m_{100}^{(21)}m_{300}^{(22)}m_{102}^{(11)}-m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(00)}m_{012}^{(22)}-m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(00)}m_{003}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(10)}m_{102}^{(22)}-m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(10)}m_{003}^{(20)}+m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(20)}m_{111}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(20)}m_{102}^{(21)}+m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(20)}m_{012}^{(20)}+2m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(20)}m_{003}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(21)}m_{201}^{(22)}+m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(21)}m_{102}^{(20)}-m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(22)}m_{201}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(22)}m_{111}^{(20)}-2m_{000}^{(11)}m_{100}^{(21)}m_{210}^{(22)}m_{102}^{(10)}-2m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(00)}m_{021}^{(22)}\\
&+3m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(00)}m_{012}^{(21)}+m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(00)}m_{003}^{(11)}+3m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(10)}m_{111}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(10)}m_{102}^{(21)}-4m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(10)}m_{012}^{(20)}-m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(10)}m_{003}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(11)}m_{201}^{(22)}+m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(11)}m_{102}^{(20)}+m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(20)}m_{120}^{(22)}\\
&-4m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(20)}m_{111}^{(21)}+2m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(20)}m_{021}^{(20)}+m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(20)}m_{012}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(21)}(m_{201}^{(21)})^2+2m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(21)}m_{111}^{(20)}+m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(21)}m_{102}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(22)}m_{120}^{(20)}-m_{000}^{(11)}m_{100}^{(21)}m_{201}^{(22)}m_{111}^{(10)}+m_{000}^{(11)}m_{100}^{(21)}m_{120}^{(00)}m_{102}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{120}^{(00)}m_{003}^{(20)}-2m_{000}^{(11)}m_{100}^{(21)}m_{120}^{(20)}m_{102}^{(20)}-m_{000}^{(11)}m_{100}^{(21)}m_{120}^{(20)}m_{003}^{(00)}
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&+m_{000}^{(11)}m_{100}^{(21)}m_{120}^{(22)}m_{102}^{(00)}+m_{000}^{(11)}m_{100}^{(21)}m_{111}^{(00)}m_{111}^{(22)}-m_{000}^{(11)}m_{100}^{(21)}m_{111}^{(00)}m_{102}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{111}^{(00)}m_{012}^{(20)}-m_{000}^{(11)}m_{100}^{(21)}m_{111}^{(00)}m_{003}^{(10)}+4m_{000}^{(11)}m_{100}^{(21)}m_{111}^{(10)}m_{102}^{(20)}\\
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&+m_{000}^{(11)}m_{100}^{(22)}m_{300}^{(20)}m_{012}^{(11)}+m_{000}^{(11)}m_{100}^{(22)}m_{300}^{(21)}m_{111}^{(21)}-m_{000}^{(11)}m_{100}^{(22)}m_{300}^{(22)}m_{111}^{(11)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{210}^{(00)}m_{012}^{(21)}+m_{000}^{(11)}m_{100}^{(22)}m_{210}^{(10)}m_{102}^{(21)}+m_{000}^{(11)}m_{100}^{(22)}m_{210}^{(10)}m_{012}^{(20)}\\
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&+2m_{000}^{(11)}m_{100}^{(22)}m_{210}^{(22)}m_{111}^{(10)}+m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(00)}m_{030}^{(22)}-m_{000}^{(11)}m_{100}^{(22)}m_{201}^{(00)}m_{021}^{(21)}\\
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&+m_{000}^{(11)}m_{001}^{(00)}m_{210}^{(11)}m_{102}^{(22)}-m_{000}^{(11)}m_{001}^{(00)}m_{210}^{(11)}m_{003}^{(20)}+m_{000}^{(11)}m_{001}^{(00)}m_{210}^{(20)}m_{021}^{(22)}\\
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&+2m_{000}^{(11)}m_{001}^{(00)}m_{210}^{(21)}m_{012}^{(20)}+m_{000}^{(11)}m_{001}^{(00)}m_{210}^{(22)}m_{111}^{(21)}-m_{000}^{(11)}m_{001}^{(00)}m_{210}^{(22)}m_{021}^{(20)}\\
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&+m_{000}^{(11)}m_{001}^{(00)}m_{201}^{(11)}m_{012}^{(20)}-m_{000}^{(11)}m_{001}^{(00)}m_{201}^{(20)}m_{030}^{(22)}+m_{000}^{(11)}m_{001}^{(00)}m_{201}^{(20)}m_{021}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{201}^{(21)}m_{120}^{(22)}+m_{000}^{(11)}m_{001}^{(00)}m_{201}^{(21)}m_{111}^{(21)}-2m_{000}^{(11)}m_{001}^{(00)}m_{201}^{(21)}m_{021}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{201}^{(22)}m_{120}^{(21)}+m_{000}^{(11)}m_{001}^{(00)}m_{201}^{(22)}m_{030}^{(20)}+m_{000}^{(11)}m_{001}^{(00)}m_{120}^{(10)}m_{102}^{(22)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{120}^{(20)}m_{102}^{(21)}-m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(10)}m_{111}^{(22)}-m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(10)}m_{102}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(10)}m_{012}^{(20)}-m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(10)}m_{003}^{(10)}-m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(11)}m_{102}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(11)}m_{003}^{(00)}+m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(20)}m_{111}^{(21)}+m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(20)}m_{102}^{(11)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(20)}m_{021}^{(20)}+m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(20)}m_{012}^{(10)}+m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(21)}m_{102}^{(10)}\\
&-2m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(21)}m_{012}^{(00)}+m_{000}^{(11)}m_{001}^{(00)}m_{111}^{(22)}m_{021}^{(00)}-m_{000}^{(11)}m_{001}^{(00)}m_{102}^{(10)}m_{021}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{102}^{(10)}m_{012}^{(10)}-m_{000}^{(11)}m_{001}^{(00)}m_{102}^{(11)}m_{012}^{(00)}+m_{000}^{(11)}m_{001}^{(00)}m_{102}^{(20)}m_{030}^{(20)}\\
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&+m_{000}^{(11)}m_{001}^{(10)}m_{300}^{(10)}m_{012}^{(22)}-m_{000}^{(11)}m_{001}^{(10)}m_{300}^{(10)}m_{003}^{(21)}-m_{000}^{(11)}m_{001}^{(10)}m_{300}^{(11)}m_{102}^{(22)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{300}^{(11)}m_{003}^{(20)}-m_{000}^{(11)}m_{001}^{(10)}m_{300}^{(20)}m_{021}^{(22)}+m_{000}^{(11)}m_{001}^{(10)}m_{300}^{(20)}m_{012}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{300}^{(21)}m_{111}^{(22)}+m_{000}^{(11)}m_{001}^{(10)}m_{300}^{(21)}m_{102}^{(21)}-2m_{000}^{(11)}m_{001}^{(10)}m_{300}^{(21)}m_{012}^{(20)}
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&-m_{000}^{(11)}m_{001}^{(10)}m_{300}^{(22)}m_{111}^{(21)}+m_{000}^{(11)}m_{001}^{(10)}m_{300}^{(22)}m_{021}^{(20)}+m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(00)}m_{012}^{(22)}\\
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&+3m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(21)}m_{201}^{(22)}-m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(21)}m_{102}^{(20)}-3m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(22)}m_{201}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{210}^{(22)}m_{111}^{(20)}-m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(00)}m_{021}^{(22)}+m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(00)}m_{012}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(10)}m_{111}^{(22)}+2m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(10)}m_{102}^{(21)}-2m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(10)}m_{012}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(10)}m_{003}^{(10)}+m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(11)}m_{201}^{(22)}-m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(11)}m_{003}^{(00)}\\
&+2m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(20)}m_{120}^{(22)}-4m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(20)}m_{111}^{(21)}-m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(20)}m_{102}^{(11)}\\
&+2m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(20)}m_{021}^{(20)}-m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(20)}m_{012}^{(10)}-m_{000}^{(11)}m_{001}^{(10)}(m_{201}^{(21)})^2\\
&+2m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(21)}m_{111}^{(20)}-m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(21)}m_{102}^{(10)}+2m_{000}^{(11)}m_{001}^{(10)}m_{201}^{(21)}m_{012}^{(00)}\\
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&+2m_{000}^{(11)}m_{001}^{(10)}m_{120}^{(00)}m_{102}^{(22)}-2m_{000}^{(11)}m_{001}^{(10)}m_{120}^{(20)}m_{102}^{(20)}-m_{000}^{(11)}m_{001}^{(10)}m_{111}^{(00)}m_{111}^{(22)}\\
&-3m_{000}^{(11)}m_{001}^{(10)}m_{111}^{(00)}m_{102}^{(21)}-m_{000}^{(11)}m_{001}^{(10)}m_{111}^{(00)}m_{012}^{(20)}+m_{000}^{(11)}m_{001}^{(10)}m_{111}^{(00)}m_{003}^{(10)}\\
&+4m_{000}^{(11)}m_{001}^{(10)}m_{111}^{(10)}m_{102}^{(20)}-m_{000}^{(11)}m_{001}^{(10)}m_{111}^{(10)}m_{003}^{(00)}+m_{000}^{(11)}m_{001}^{(10)}(m_{111}^{(20)})^2\\
&-2m_{000}^{(11)}m_{001}^{(10)}m_{111}^{(20)}m_{102}^{(10)}+m_{000}^{(11)}m_{001}^{(10)}m_{111}^{(20)}m_{012}^{(00)}+m_{000}^{(11)}m_{001}^{(10)}m_{111}^{(21)}m_{102}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{102}^{(00)}m_{102}^{(11)}+m_{000}^{(11)}m_{001}^{(10)}m_{102}^{(00)}m_{021}^{(20)}-m_{000}^{(11)}m_{001}^{(10)}m_{102}^{(00)}m_{012}^{(10)}\\
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&+m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(20)}m_{012}^{(20)}-2m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(21)}m_{201}^{(22)}+m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(21)}m_{102}^{(20)}\\
&+2m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(22)}m_{201}^{(21)}-m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(22)}m_{111}^{(20)}-m_{000}^{(11)}m_{001}^{(11)}m_{210}^{(00)}m_{102}^{(22)}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{210}^{(20)}m_{201}^{(22)}+m_{000}^{(11)}m_{001}^{(11)}m_{210}^{(20)}m_{102}^{(20)}-m_{000}^{(11)}m_{001}^{(11)}m_{210}^{(22)}m_{201}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(00)}m_{111}^{(22)}+m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(00)}m_{012}^{(20)}-m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(00)}m_{003}^{(10)}\\
&-2m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(10)}m_{201}^{(22)}-2m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(10)}m_{102}^{(20)}+m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(10)}m_{003}^{(00)}\\
&+2m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(20)}m_{201}^{(21)}-2m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(20)}m_{111}^{(20)}+3m_{000}^{(11)}m_{001}^{(11)}m_{201}^{(20)}m_{102}^{(10)}\\
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&+m_{000}^{(11)}m_{001}^{(11)}m_{111}^{(00)}m_{102}^{(20)}-m_{000}^{(11)}m_{001}^{(11)}m_{111}^{(20)}m_{102}^{(00)}-m_{000}^{(11)}m_{001}^{(11)}m_{300}^{(10)}m_{021}^{(22)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{300}^{(10)}m_{012}^{(21)}+m_{000}^{(11)}m_{001}^{(20)}m_{300}^{(11)}m_{111}^{(22)}-m_{000}^{(11)}m_{001}^{(20)}m_{300}^{(11)}m_{012}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{300}^{(20)}m_{030}^{(22)}-m_{000}^{(11)}m_{001}^{(20)}m_{300}^{(20)}m_{021}^{(21)}-m_{000}^{(11)}m_{001}^{(20)}m_{300}^{(21)}m_{120}^{(22)}\\
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&+4m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(10)}m_{111}^{(22)}-m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(10)}m_{102}^{(21)}-m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(10)}m_{012}^{(20)}\\
&-2m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(11)}m_{201}^{(22)}+2m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(11)}m_{102}^{(20)}-m_{000}^{(11)}m_{001}^{(20)}m_{210}^{(20)}m_{120}^{(22)}\\
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&+m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(20)}m_{120}^{(21)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(20)}m_{111}^{(11)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(20)}m_{030}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(20)}m_{021}^{(10)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(21)}m_{120}^{(20)} + m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(21)}m_{111}^{(10)}\\
&-2m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(21)}m_{021}^{(00)} - m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(22)}m_{120}^{(10)} + m_{000}^{(11)}m_{001}^{(20)}m_{201}^{(22)}m_{030}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{120}^{(00)}m_{111}^{(22)} - m_{000}^{(11)}m_{001}^{(20)}m_{120}^{(00)}m_{102}^{(21)} - m_{000}^{(11)}m_{001}^{(20)}m_{120}^{(10)}m_{102}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{120}^{(20)}m_{111}^{(20)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{120}^{(20)}m_{102}^{(10)} + 3m_{000}^{(11)}m_{001}^{(20)}m_{111}^{(00)}m_{111}^{(21)}\\
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&-3m_{000}^{(11)}m_{001}^{(20)}m_{111}^{(10)}m_{111}^{(20)} + m_{000}^{(11)}m_{001}^{(20)}m_{111}^{(10)}m_{102}^{(10)} + m_{000}^{(11)}m_{001}^{(20)}m_{111}^{(10)}m_{012}^{(00)}\\
&-2m_{000}^{(11)}m_{001}^{(20)}m_{111}^{(11)}m_{102}^{(00)} - m_{000}^{(11)}m_{001}^{(20)}m_{111}^{(20)}m_{021}^{(00)} - m_{000}^{(11)}m_{001}^{(20)}m_{102}^{(00)}m_{030}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{102}^{(00)}m_{021}^{(10)} - m_{000}^{(11)}m_{001}^{(20)}m_{102}^{(10)}m_{021}^{(00)} + m_{000}^{(11)}m_{001}^{(20)}m_{102}^{(20)}m_{030}^{(00)}\\
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&+2m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(10)}m_{012}^{(20)} + m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(11)}m_{201}^{(22)} - m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(11)}m_{102}^{(20)}\\
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&-2m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(20)}m_{021}^{(20)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(21)}m_{210}^{(22)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(22)}m_{210}^{(21)}\\
&-m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(22)}m_{201}^{(11)} + m_{000}^{(11)}m_{001}^{(21)}m_{300}^{(22)}m_{120}^{(20)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(00)}m_{102}^{(21)}\\
&+2m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(10)}m_{201}^{(22)} - 4m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(20)}m_{201}^{(21)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(20)}m_{102}^{(10)}\\
&+2m_{000}^{(11)}m_{001}^{(21)}m_{210}^{(22)}m_{201}^{(10)} - m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(00)}m_{120}^{(22)} - m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(00)}m_{102}^{(11)}\\
&-2m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(00)}m_{021}^{(20)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(00)}m_{012}^{(10)} + 4m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(10)}m_{111}^{(20)}\\
&-2m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(10)}m_{012}^{(00)} + m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(11)}m_{102}^{(00)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(20)}m_{120}^{(20)}\\
&-4m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(20)}m_{111}^{(10)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(20)}m_{021}^{(00)} - m_{000}^{(11)}m_{001}^{(21)}m_{201}^{(22)}m_{120}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(21)}m_{120}^{(00)}m_{102}^{(20)} + m_{000}^{(11)}m_{001}^{(21)}m_{120}^{(20)}m_{102}^{(00)} - m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(00)}m_{030}^{(22)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(00)}m_{021}^{(21)} + 2m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(10)}m_{120}^{(22)} - m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(10)}m_{021}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(11)}m_{210}^{(22)} + m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(11)}m_{111}^{(20)} - m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(20)}m_{120}^{(21)}\\
&-m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(20)}m_{111}^{(11)} + m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(20)}m_{030}^{(20)} - m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(21)}m_{120}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{300}^{(22)}m_{210}^{(11)} + m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(00)}m_{120}^{(22)} - 2m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(00)}m_{111}^{(21)}\\
&-2m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(10)}m_{210}^{(22)} - m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(11)}m_{201}^{(20)} + 2m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(20)}m_{210}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(20)}m_{201}^{(11)} - m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(20)}m_{120}^{(20)} + 2m_{000}^{(11)}m_{001}^{(22)}m_{210}^{(20)}m_{111}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{201}^{(00)}m_{111}^{(11)} + m_{000}^{(11)}m_{001}^{(22)}m_{201}^{(00)}m_{030}^{(20)} - m_{000}^{(11)}m_{001}^{(22)}m_{201}^{(00)}m_{021}^{(10)}\\
&-2m_{000}^{(11)}m_{001}^{(22)}m_{201}^{(10)}m_{120}^{(20)} + m_{000}^{(11)}m_{001}^{(22)}m_{201}^{(10)}m_{021}^{(00)} - m_{000}^{(11)}m_{001}^{(22)}m_{201}^{(11)}m_{111}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{201}^{(20)}m_{120}^{(10)} - m_{000}^{(11)}m_{001}^{(22)}m_{201}^{(20)}m_{030}^{(00)} + m_{000}^{(11)}m_{001}^{(22)}m_{201}^{(21)}m_{120}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{120}^{(00)}m_{111}^{(20)} - m_{000}^{(11)}m_{001}^{(22)}m_{120}^{(20)}m_{111}^{(00)} - m_{000}^{(20)}m_{100}^{(00)}m_{120}^{(11)}m_{012}^{(22)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{120}^{(21)}m_{021}^{(22)} + m_{000}^{(20)}m_{100}^{(00)}m_{120}^{(21)}m_{012}^{(21)} - m_{000}^{(20)}m_{100}^{(00)}m_{120}^{(22)}m_{021}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{111}^{(22)}m_{021}^{(21)} + m_{000}^{(20)}m_{100}^{(00)}m_{111}^{(21)}m_{012}^{(22)} - m_{000}^{(20)}m_{100}^{(00)}m_{111}^{(21)}m_{030}^{(22)}\\
&-2m_{000}^{(20)}m_{100}^{(00)}m_{111}^{(21)}m_{021}^{(21)} - m_{000}^{(20)}m_{100}^{(00)}m_{111}^{(21)}m_{012}^{(11)} + m_{000}^{(20)}m_{100}^{(00)}m_{111}^{(22)}m_{030}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{111}^{(22)}m_{021}^{(11)} - m_{000}^{(20)}m_{100}^{(00)}m_{102}^{(11)}m_{021}^{(21)} + m_{000}^{(20)}m_{100}^{(00)}m_{102}^{(21)}m_{030}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{102}^{(21)}m_{021}^{(11)} - m_{000}^{(20)}m_{100}^{(00)}m_{102}^{(22)}m_{030}^{(11)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(10)}m_{012}^{(22)}\\
&-m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(10)}m_{003}^{(21)} + m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(11)}m_{003}^{(20)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(20)}m_{021}^{(22)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(20)}m_{012}^{(21)} - 3m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(21)}m_{012}^{(20)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{030}^{(22)}m_{021}^{(20)}\\
&-2m_{000}^{(20)}m_{100}^{(00)}m_{021}^{(10)}m_{021}^{(22)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{021}^{(10)}m_{012}^{(21)} + m_{000}^{(20)}m_{100}^{(00)}m_{021}^{(10)}m_{003}^{(11)}
\end{aligned}
$$

$$-m_{000}^{(20)}m_{100}^{(00)}m_{021}^{(11)}m_{003}^{(10)}+2m_{000}^{(20)}m_{100}^{(00)}m_{021}^{(20)}m_{021}^{(21)}-m_{000}^{(20)}m_{100}^{(00)}m_{021}^{(20)}m_{012}^{(11)}$$
$$+3m_{000}^{(20)}m_{100}^{(00)}m_{021}^{(21)}m_{012}^{(10)}+2m_{000}^{(20)}m_{100}^{(10)}m_{210}^{(11)}m_{012}^{(22)}-2m_{000}^{(20)}m_{100}^{(10)}m_{210}^{(20)}m_{021}^{(22)}$$
$$-2m_{000}^{(20)}m_{100}^{(10)}m_{210}^{(21)}m_{012}^{(21)}+2m_{000}^{(20)}m_{100}^{(10)}m_{210}^{(22)}m_{021}^{(21)}-m_{000}^{(20)}m_{100}^{(10)}m_{201}^{(11)}m_{021}^{(22)}$$
$$-m_{000}^{(20)}m_{100}^{(10)}m_{201}^{(11)}m_{012}^{(21)}+m_{000}^{(20)}m_{100}^{(10)}m_{201}^{(21)}m_{030}^{(22)}+2m_{000}^{(20)}m_{100}^{(10)}m_{201}^{(21)}m_{021}^{(21)}$$
$$+m_{000}^{(20)}m_{100}^{(10)}m_{201}^{(21)}m_{012}^{(11)}-m_{000}^{(20)}m_{100}^{(10)}m_{201}^{(22)}m_{030}^{(21)}-m_{000}^{(20)}m_{100}^{(10)}m_{201}^{(22)}m_{021}^{(11)}$$
$$-3m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(10)}m_{012}^{(22)}+m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(10)}m_{003}^{(21)}+m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(11)}m_{102}^{(22)}$$
$$-m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(11)}m_{003}^{(20)}+3m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(20)}m_{021}^{(22)}-m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(20)}m_{012}^{(21)}$$
$$-m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(21)}m_{111}^{(22)}-m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(21)}m_{102}^{(21)}+4m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(21)}m_{012}^{(20)}$$
$$+m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(22)}m_{111}^{(21)}-3m_{000}^{(20)}m_{100}^{(10)}m_{120}^{(22)}m_{021}^{(20)}+m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(10)}m_{021}^{(22)}$$
$$+4m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(10)}m_{012}^{(21)}-m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(10)}m_{003}^{(11)}-m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(11)}m_{111}^{(22)}$$
$$-m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(11)}m_{102}^{(21)}-3m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(11)}m_{012}^{(20)}+m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(11)}m_{003}^{(10)}$$
$$-m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(20)}m_{030}^{(22)}-4m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(20)}m_{021}^{(21)}+m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(20)}m_{012}^{(11)}$$
$$+m_{000}^{(20)}m_{100}^{(10)}(m_{111}^{(21)})^2+m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(21)}m_{102}^{(11)}+2m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(21)}m_{021}^{(20)}$$
$$-2m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(21)}m_{012}^{(10)}+m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(22)}m_{030}^{(20)}+m_{000}^{(20)}m_{100}^{(10)}m_{111}^{(22)}m_{021}^{(10)}$$
$$-m_{000}^{(20)}m_{100}^{(10)}m_{102}^{(10)}m_{021}^{(21)}-m_{000}^{(20)}m_{100}^{(10)}m_{102}^{(10)}m_{012}^{(11)}+2m_{000}^{(20)}m_{100}^{(10)}m_{102}^{(11)}m_{021}^{(20)}$$
$$+m_{000}^{(20)}m_{100}^{(10)}m_{102}^{(11)}m_{012}^{(10)}+m_{000}^{(20)}m_{100}^{(10)}m_{102}^{(20)}m_{030}^{(21)}+m_{000}^{(20)}m_{100}^{(10)}m_{102}^{(20)}m_{021}^{(11)}$$
$$-2m_{000}^{(20)}m_{100}^{(10)}m_{102}^{(21)}m_{030}^{(20)}-2m_{000}^{(20)}m_{100}^{(10)}m_{102}^{(21)}m_{021}^{(10)}+m_{000}^{(20)}m_{100}^{(10)}m_{102}^{(22)}m_{030}^{(10)}$$
$$-m_{000}^{(20)}m_{100}^{(10)}m_{030}^{(00)}m_{012}^{(22)}+m_{000}^{(20)}m_{100}^{(10)}m_{030}^{(00)}m_{003}^{(21)}-m_{000}^{(20)}m_{100}^{(10)}m_{030}^{(10)}m_{003}^{(20)}$$
$$+m_{000}^{(20)}m_{100}^{(10)}m_{030}^{(20)}m_{012}^{(20)}+m_{000}^{(20)}m_{100}^{(10)}m_{021}^{(00)}m_{021}^{(22)}-m_{000}^{(20)}m_{100}^{(10)}m_{021}^{(00)}m_{003}^{(11)}$$
$$+2m_{000}^{(20)}m_{100}^{(10)}m_{021}^{(10)}m_{012}^{(20)}+m_{000}^{(20)}m_{100}^{(10)}m_{021}^{(10)}m_{003}^{(10)}-m_{000}^{(20)}m_{100}^{(10)}(m_{021}^{(20)})^2$$
$$-m_{000}^{(20)}m_{100}^{(10)}m_{021}^{(20)}m_{012}^{(10)}-m_{000}^{(20)}m_{100}^{(10)}m_{021}^{(21)}m_{012}^{(00)}+m_{000}^{(20)}m_{100}^{(10)}m_{012}^{(00)}m_{012}^{(11)}$$
$$-m_{000}^{(20)}m_{100}^{(10)}(m_{012}^{(10)})^2-m_{000}^{(20)}m_{100}^{(11)}m_{300}^{(11)}m_{012}^{(22)}+m_{000}^{(20)}m_{100}^{(11)}m_{300}^{(21)}m_{021}^{(22)}$$
$$+m_{000}^{(20)}m_{100}^{(11)}m_{300}^{(21)}m_{012}^{(21)}-m_{000}^{(20)}m_{100}^{(11)}m_{300}^{(22)}m_{021}^{(21)}+m_{000}^{(20)}m_{100}^{(11)}m_{210}^{(10)}m_{012}^{(22)}$$
$$-m_{000}^{(20)}m_{100}^{(11)}m_{210}^{(20)}m_{021}^{(22)}-m_{000}^{(20)}m_{100}^{(11)}m_{210}^{(21)}m_{012}^{(20)}+m_{000}^{(20)}m_{100}^{(11)}m_{210}^{(22)}m_{021}^{(20)}$$
$$-m_{000}^{(20)}m_{100}^{(11)}m_{201}^{(10)}m_{012}^{(21)}+m_{000}^{(20)}m_{100}^{(11)}m_{201}^{(11)}m_{111}^{(22)}+2m_{000}^{(20)}m_{100}^{(11)}m_{201}^{(11)}m_{012}^{(20)}$$
$$+m_{000}^{(20)}m_{100}^{(11)}m_{201}^{(20)}m_{021}^{(21)}-m_{000}^{(20)}m_{100}^{(11)}m_{201}^{(21)}m_{120}^{(22)}-m_{000}^{(20)}m_{100}^{(11)}m_{201}^{(21)}m_{111}^{(21)}$$
$$-2m_{000}^{(20)}m_{100}^{(11)}m_{201}^{(21)}m_{021}^{(20)}-m_{000}^{(20)}m_{100}^{(11)}m_{201}^{(21)}m_{012}^{(10)}+m_{000}^{(20)}m_{100}^{(11)}m_{201}^{(22)}m_{120}^{(21)}$$
$$+m_{000}^{(20)}m_{100}^{(11)}m_{201}^{(22)}m_{021}^{(10)}+m_{000}^{(20)}m_{100}^{(11)}m_{120}^{(00)}m_{012}^{(22)}-m_{000}^{(20)}m_{100}^{(11)}m_{120}^{(00)}m_{003}^{(21)}$$
$$-m_{000}^{(20)}m_{100}^{(11)}m_{120}^{(10)}m_{102}^{(22)}+m_{000}^{(20)}m_{100}^{(11)}m_{120}^{(10)}m_{003}^{(20)}-m_{000}^{(20)}m_{100}^{(11)}m_{120}^{(20)}m_{111}^{(22)}$$
$$+2m_{000}^{(20)}m_{100}^{(11)}m_{120}^{(20)}m_{102}^{(21)}-m_{000}^{(20)}m_{100}^{(11)}m_{120}^{(20)}m_{012}^{(20)}-m_{000}^{(20)}m_{100}^{(11)}m_{120}^{(21)}m_{102}^{(20)}$$
$$+m_{000}^{(20)}m_{100}^{(11)}m_{120}^{(22)}m_{111}^{(20)}-m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(00)}m_{012}^{(21)}+m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(00)}m_{003}^{(11)}$$
$$-m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(10)}m_{111}^{(22)}+m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(10)}m_{102}^{(21)}-m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(10)}m_{012}^{(20)}$$
$$-m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(10)}m_{003}^{(10)}+m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(20)}m_{111}^{(21)}-2m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(20)}m_{102}^{(11)}$$
$$+m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(20)}m_{021}^{(20)}+m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(20)}m_{012}^{(10)}+m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(21)}m_{102}^{(10)}$$
$$+m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(21)}m_{012}^{(00)}-m_{000}^{(20)}m_{100}^{(11)}m_{111}^{(22)}m_{021}^{(00)}+m_{000}^{(20)}m_{100}^{(11)}m_{102}^{(10)}m_{012}^{(10)}$$
$$-m_{000}^{(20)}m_{100}^{(11)}m_{102}^{(11)}m_{012}^{(00)}-m_{000}^{(20)}m_{100}^{(11)}m_{102}^{(20)}m_{021}^{(10)}+m_{000}^{(20)}m_{100}^{(11)}m_{102}^{(21)}m_{021}^{(00)}$$
$$-m_{000}^{(20)}m_{100}^{(20)}m_{210}^{(11)}m_{021}^{(22)}-m_{000}^{(20)}m_{100}^{(20)}m_{210}^{(11)}m_{012}^{(21)}+m_{000}^{(20)}m_{100}^{(20)}m_{210}^{(21)}m_{030}^{(22)}$$
$$+2m_{000}^{(20)}m_{100}^{(20)}m_{210}^{(21)}m_{021}^{(21)}+m_{000}^{(20)}m_{100}^{(20)}m_{210}^{(21)}m_{012}^{(11)}-m_{000}^{(20)}m_{100}^{(20)}m_{210}^{(22)}m_{030}^{(21)}$$

$$
\begin{aligned}
&-m_{000}^{(20)}m_{100}^{(20)}m_{210}^{(22)}m_{021}^{(11)}+2m_{000}^{(20)}m_{100}^{(20)}m_{201}^{(11)}m_{021}^{(21)}-2m_{000}^{(20)}m_{100}^{(20)}m_{201}^{(21)}m_{030}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{201}^{(21)}m_{021}^{(11)}+2m_{000}^{(20)}m_{100}^{(20)}m_{201}^{(22)}m_{030}^{(11)}+2m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(10)}m_{021}^{(22)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(11)}m_{012}^{(20)}-2m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(20)}m_{030}^{(22)}-4m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(21)}m_{021}^{(20)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(21)}m_{012}^{(10)}+2m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(22)}m_{030}^{(20)}+2m_{000}^{(20)}m_{100}^{(20)}m_{120}^{(22)}m_{021}^{(10)}\\
&-4m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(10)}m_{021}^{(21)}+4m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(20)}m_{030}^{(21)}+4m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(21)}m_{021}^{(10)}\\
&-4m_{000}^{(20)}m_{100}^{(20)}m_{111}^{(22)}m_{030}^{(10)}+2m_{000}^{(20)}m_{100}^{(20)}m_{102}^{(10)}m_{021}^{(11)}-2m_{000}^{(20)}m_{100}^{(20)}m_{102}^{(11)}m_{021}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{102}^{(20)}m_{030}^{(11)}+2m_{000}^{(20)}m_{100}^{(20)}m_{102}^{(21)}m_{030}^{(10)}+m_{000}^{(20)}m_{100}^{(20)}m_{030}^{(00)}m_{021}^{(22)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{030}^{(00)}m_{012}^{(21)}+m_{000}^{(20)}m_{100}^{(20)}m_{030}^{(21)}m_{012}^{(00)}-m_{000}^{(20)}m_{100}^{(20)}m_{030}^{(22)}m_{021}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{021}^{(00)}m_{012}^{(11)}-m_{000}^{(20)}m_{100}^{(20)}m_{021}^{(11)}m_{012}^{(00)}+m_{000}^{(20)}m_{100}^{(21)}m_{030}^{(11)}m_{021}^{(22)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{300}^{(11)}m_{012}^{(21)}-m_{000}^{(20)}m_{100}^{(21)}m_{300}^{(21)}m_{030}^{(22)}-2m_{000}^{(20)}m_{100}^{(21)}m_{300}^{(21)}m_{021}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{300}^{(21)}m_{012}^{(11)}+m_{000}^{(20)}m_{100}^{(21)}m_{300}^{(22)}m_{030}^{(21)}+m_{000}^{(20)}m_{100}^{(21)}m_{300}^{(22)}m_{021}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(10)}m_{021}^{(22)}-m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(10)}m_{012}^{(21)}-m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(11)}m_{111}^{(22)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(11)}m_{012}^{(20)}+m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(20)}m_{030}^{(22)}+m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(20)}m_{021}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(21)}m_{120}^{(22)}+m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(21)}m_{111}^{(21)}+2m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(21)}m_{021}^{(20)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(21)}m_{012}^{(10)}-m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(22)}m_{120}^{(21)}-m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(22)}m_{030}^{(20)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{210}^{(22)}m_{021}^{(10)}+m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(10)}m_{021}^{(21)}+m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(10)}m_{012}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(11)}m_{111}^{(21)}-2m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(11)}m_{021}^{(20)}-m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(11)}m_{012}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(20)}m_{030}^{(21)}-m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(20)}m_{021}^{(11)}+m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(21)}m_{120}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(21)}m_{111}^{(11)}+2m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(21)}m_{030}^{(20)}+2m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(21)}m_{021}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(22)}m_{120}^{(11)}-m_{000}^{(20)}m_{100}^{(21)}m_{201}^{(22)}m_{030}^{(10)}-2m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(00)}m_{021}^{(22)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(00)}m_{012}^{(21)}+4m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(10)}m_{111}^{(22)}-m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(10)}m_{102}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(10)}m_{012}^{(20)}+m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(11)}m_{102}^{(20)}-3m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(20)}m_{111}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(20)}m_{021}^{(20)}-m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(21)}m_{111}^{(20)}-m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(21)}m_{012}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{120}^{(22)}m_{021}^{(00)}+2m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(00)}m_{021}^{(21)}-2m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(00)}m_{012}^{(11)}\\
&-3m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(10)}m_{111}^{(21)}+m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(10)}m_{102}^{(11)}+m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(10)}m_{021}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(10)}m_{012}^{(10)}+3m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(11)}m_{111}^{(20)}-m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(11)}m_{102}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(11)}m_{012}^{(00)}-m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(20)}m_{030}^{(20)}-m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(20)}m_{021}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(21)}m_{021}^{(00)}+m_{000}^{(20)}m_{100}^{(21)}m_{111}^{(22)}m_{030}^{(00)}-m_{000}^{(20)}m_{100}^{(21)}m_{102}^{(10)}m_{021}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{102}^{(11)}m_{021}^{(00)}+m_{000}^{(20)}m_{100}^{(21)}m_{102}^{(20)}m_{030}^{(10)}-m_{000}^{(20)}m_{100}^{(21)}m_{102}^{(21)}m_{030}^{(00)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{300}^{(11)}m_{021}^{(21)}+m_{000}^{(20)}m_{100}^{(22)}m_{300}^{(21)}m_{030}^{(21)}+m_{000}^{(20)}m_{100}^{(22)}m_{300}^{(21)}m_{021}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{300}^{(22)}m_{030}^{(11)}+m_{000}^{(20)}m_{100}^{(22)}m_{210}^{(10)}m_{021}^{(21)}+m_{000}^{(20)}m_{100}^{(22)}m_{210}^{(11)}m_{111}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{210}^{(11)}m_{021}^{(20)}-m_{000}^{(20)}m_{100}^{(22)}m_{210}^{(20)}m_{030}^{(21)}-m_{000}^{(20)}m_{100}^{(22)}m_{210}^{(21)}m_{120}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{210}^{(21)}m_{111}^{(11)}-m_{000}^{(20)}m_{100}^{(22)}m_{210}^{(21)}m_{030}^{(20)}-2m_{000}^{(20)}m_{100}^{(22)}m_{210}^{(21)}m_{021}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{210}^{(22)}m_{120}^{(11)}+2m_{000}^{(20)}m_{100}^{(22)}m_{210}^{(22)}m_{030}^{(10)}-m_{000}^{(20)}m_{100}^{(22)}m_{201}^{(10)}m_{021}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{201}^{(11)}m_{021}^{(10)}+m_{000}^{(20)}m_{100}^{(22)}m_{201}^{(20)}m_{030}^{(11)}-m_{000}^{(20)}m_{100}^{(22)}m_{201}^{(21)}m_{030}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(00)}m_{030}^{(22)}-m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(00)}m_{021}^{(21)}-2m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(10)}m_{120}^{(22)}\\
&-2m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(11)}m_{111}^{(20)}+2m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(20)}m_{120}^{(21)}+2m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(21)}m_{111}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(21)}m_{021}^{(00)}-m_{000}^{(20)}m_{100}^{(22)}m_{120}^{(22)}m_{030}^{(00)}-m_{000}^{(20)}m_{100}^{(22)}m_{111}^{(00)}m_{030}^{(21)}
\end{aligned}
$$

$$+m_{000}^{(20)}m_{100}^{(22)}m_{111}^{(00)}m_{021}^{(11)}-m_{000}^{(20)}m_{100}^{(22)}m_{111}^{(11)}m_{021}^{(00)}+m_{000}^{(20)}m_{100}^{(22)}m_{111}^{(21)}m_{030}^{(00)}$$
$$-2m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(10)}m_{012}^{(22)}+m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(10)}m_{003}^{(21)}+3m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(11)}m_{102}^{(22)}$$
$$-m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(11)}m_{003}^{(20)}+m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(20)}m_{021}^{(22)}-2m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(21)}m_{111}^{(22)}$$
$$-3m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(21)}m_{102}^{(21)}+2m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(21)}m_{012}^{(20)}+2m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(22)}m_{111}^{(21)}$$
$$-m_{000}^{(20)}m_{010}^{(00)}m_{120}^{(22)}m_{021}^{(20)}+2m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(10)}m_{021}^{(22)}+2m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(10)}m_{012}^{(21)}$$
$$-2m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(10)}m_{003}^{(11)}-3m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(11)}m_{111}^{(22)}-4m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(11)}m_{102}^{(21)}$$
$$+m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(11)}m_{012}^{(20)}+2m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(11)}m_{003}^{(10)}-m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(20)}m_{030}^{(22)}$$
$$-2m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(20)}m_{021}^{(21)}+m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(20)}m_{012}^{(11)}+3m_{000}^{(20)}m_{010}^{(00)}(m_{111}^{(21)})^2$$
$$+4m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(21)}m_{102}^{(11)}-2m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(21)}m_{021}^{(20)}-4m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(21)}m_{012}^{(10)}$$
$$+m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(22)}m_{030}^{(20)}+2m_{000}^{(20)}m_{010}^{(00)}m_{111}^{(22)}m_{021}^{(10)}-3m_{000}^{(20)}m_{010}^{(00)}m_{102}^{(10)}m_{021}^{(21)}$$
$$+2m_{000}^{(20)}m_{010}^{(00)}m_{102}^{(10)}m_{012}^{(11)}-2m_{000}^{(20)}m_{010}^{(00)}m_{102}^{(10)}m_{012}^{(10)}+2m_{000}^{(20)}m_{010}^{(00)}m_{102}^{(20)}m_{030}^{(21)}$$
$$-m_{000}^{(20)}m_{010}^{(00)}m_{102}^{(20)}m_{021}^{(11)}+4m_{000}^{(20)}m_{010}^{(00)}m_{102}^{(21)}m_{021}^{(10)}-2m_{000}^{(20)}m_{010}^{(00)}m_{102}^{(22)}m_{030}^{(10)}$$
$$+m_{000}^{(20)}m_{010}^{(00)}m_{030}^{(00)}m_{012}^{(22)}-m_{000}^{(20)}m_{010}^{(00)}m_{030}^{(20)}m_{012}^{(20)}-m_{000}^{(20)}m_{010}^{(00)}m_{021}^{(00)}m_{021}^{(22)}$$
$$-2m_{000}^{(20)}m_{010}^{(00)}m_{021}^{(00)}m_{012}^{(21)}+m_{000}^{(20)}m_{010}^{(00)}m_{021}^{(10)}m_{003}^{(10)}-m_{000}^{(20)}m_{010}^{(00)}m_{021}^{(11)}m_{003}^{(00)}$$
$$+m_{000}^{(20)}m_{010}^{(00)}(m_{021}^{(20)})^2+2m_{000}^{(20)}m_{010}^{(00)}m_{021}^{(21)}m_{012}^{(00)}+m_{000}^{(20)}m_{010}^{(00)}m_{012}^{(00)}m_{012}^{(11)}$$
$$-m_{000}^{(20)}m_{010}^{(00)}(m_{012}^{(10)})^2+3m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(10)}m_{012}^{(22)}-m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(10)}m_{003}^{(21)}$$
$$-5m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(11)}m_{102}^{(22)}+m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(11)}m_{003}^{(20)}-m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(20)}m_{021}^{(22)}$$
$$-m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(20)}m_{012}^{(21)}+3m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(21)}m_{111}^{(22)}+5m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(21)}m_{102}^{(21)}$$
$$-2m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(21)}m_{012}^{(20)}-3m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(22)}m_{111}^{(21)}+m_{000}^{(20)}m_{010}^{(10)}m_{210}^{(22)}m_{021}^{(20)}$$
$$-m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(10)}m_{021}^{(22)}-3m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(10)}m_{012}^{(21)}+2m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(10)}m_{003}^{(11)}$$
$$+2m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(11)}m_{111}^{(22)}+4m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(11)}m_{102}^{(21)}-2m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(11)}m_{003}^{(10)}$$
$$+3m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(20)}m_{021}^{(21)}-m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(20)}m_{012}^{(11)}-m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(21)}m_{120}^{(22)}$$
$$-5m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(21)}m_{111}^{(21)}-4m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(21)}m_{102}^{(11)}+4m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(21)}m_{012}^{(10)}$$
$$+m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(22)}m_{120}^{(21)}+3m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(22)}m_{111}^{(11)}-2m_{000}^{(20)}m_{010}^{(10)}m_{201}^{(22)}m_{021}^{(10)}$$
$$-m_{000}^{(20)}m_{010}^{(10)}m_{120}^{(00)}m_{012}^{(22)}-m_{000}^{(20)}m_{010}^{(10)}m_{120}^{(00)}m_{003}^{(21)}+3m_{000}^{(20)}m_{010}^{(10)}m_{120}^{(10)}m_{102}^{(22)}$$
$$+m_{000}^{(20)}m_{010}^{(10)}m_{120}^{(10)}m_{003}^{(20)}-3m_{000}^{(20)}m_{010}^{(10)}m_{120}^{(20)}m_{111}^{(22)}+2m_{000}^{(20)}m_{010}^{(10)}m_{120}^{(20)}m_{102}^{(21)}$$
$$+m_{000}^{(20)}m_{010}^{(10)}m_{120}^{(20)}m_{012}^{(20)}-5m_{000}^{(20)}m_{010}^{(10)}m_{120}^{(21)}m_{102}^{(20)}+3m_{000}^{(20)}m_{010}^{(10)}m_{120}^{(22)}m_{111}^{(20)}$$
$$+2m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(00)}m_{012}^{(21)}+2m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(00)}m_{003}^{(11)}-3m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(10)}m_{111}^{(22)}$$
$$-3m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(10)}m_{102}^{(21)}-3m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(10)}m_{012}^{(20)}-3m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(10)}m_{003}^{(10)}$$
$$+4m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(11)}m_{102}^{(20)}+m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(11)}m_{003}^{(00)}+3m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(20)}m_{111}^{(21)}$$
$$-4m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(20)}m_{102}^{(11)}-m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(20)}m_{021}^{(20)}+3m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(20)}m_{012}^{(10)}$$
$$+3m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(21)}m_{102}^{(10)}-2m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(21)}m_{012}^{(00)}+m_{000}^{(20)}m_{010}^{(10)}m_{111}^{(22)}m_{021}^{(00)}$$
$$+m_{000}^{(20)}m_{010}^{(10)}m_{102}^{(00)}m_{021}^{(21)}-3m_{000}^{(20)}m_{010}^{(10)}m_{102}^{(00)}m_{012}^{(11)}+2m_{000}^{(20)}m_{010}^{(10)}m_{102}^{(10)}m_{021}^{(20)}$$
$$+3m_{000}^{(20)}m_{010}^{(10)}m_{102}^{(10)}m_{012}^{(10)}-3m_{000}^{(20)}m_{010}^{(10)}m_{102}^{(20)}m_{021}^{(10)}+2m_{000}^{(20)}m_{010}^{(10)}m_{021}^{(00)}m_{012}^{(20)}$$
$$-m_{000}^{(20)}m_{010}^{(10)}m_{021}^{(00)}m_{003}^{(10)}+m_{000}^{(20)}m_{010}^{(10)}m_{021}^{(10)}m_{003}^{(00)}-2m_{000}^{(20)}m_{010}^{(10)}m_{021}^{(20)}m_{012}^{(00)}$$
$$-m_{000}^{(20)}m_{010}^{(11)}m_{300}^{(10)}m_{012}^{(22)}+2m_{000}^{(20)}m_{010}^{(11)}m_{300}^{(11)}m_{102}^{(22)}+m_{000}^{(20)}m_{010}^{(11)}m_{300}^{(20)}m_{012}^{(21)}$$
$$-m_{000}^{(20)}m_{010}^{(11)}m_{300}^{(21)}m_{111}^{(22)}-2m_{000}^{(20)}m_{010}^{(11)}m_{300}^{(21)}m_{102}^{(21)}+m_{000}^{(20)}m_{010}^{(11)}m_{300}^{(22)}m_{111}^{(21)}$$
$$+m_{000}^{(20)}m_{010}^{(11)}m_{210}^{(00)}m_{003}^{(21)}-m_{000}^{(20)}m_{010}^{(11)}m_{210}^{(10)}m_{102}^{(22)}-m_{000}^{(20)}m_{010}^{(11)}m_{210}^{(10)}m_{003}^{(20)}$$

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\begin{aligned}
&+2m_{000}^{(20)}m_{010}^{(11)}m_{210}^{(20)}m_{111}^{(22)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{210}^{(20)}m_{102}^{(21)} - m_{000}^{(20)}m_{010}^{(11)}m_{210}^{(21)}m_{201}^{(22)}\\
&+3m_{000}^{(20)}m_{010}^{(11)}m_{210}^{(21)}m_{102}^{(20)} + m_{000}^{(20)}m_{010}^{(11)}m_{210}^{(22)}m_{201}^{(21)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{210}^{(22)}m_{111}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(00)}m_{012}^{(21)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(00)}m_{003}^{(11)} + m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(10)}m_{111}^{(22)}\\
&+2m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(10)}m_{012}^{(20)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(10)}m_{003}^{(10)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(11)}m_{201}^{(22)}\\
&-4m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(11)}m_{102}^{(20)} - 4m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(20)}m_{111}^{(21)} + 4m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(20)}m_{102}^{(11)}\\
&-3m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(20)}m_{012}^{(10)} + 2m_{000}^{(20)}m_{010}^{(11)}(m_{201}^{(21)})^2 + 2m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(21)}m_{111}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{201}^{(22)}m_{111}^{(10)} - m_{000}^{(20)}m_{010}^{(11)}m_{111}^{(00)}m_{102}^{(21)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{111}^{(00)}m_{012}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{111}^{(00)}m_{003}^{(10)} + 4m_{000}^{(20)}m_{010}^{(11)}m_{111}^{(10)}m_{102}^{(20)} - m_{000}^{(20)}m_{010}^{(11)}m_{111}^{(10)}m_{003}^{(00)}\\
&-2m_{000}^{(20)}m_{010}^{(11)}m_{111}^{(20)}m_{102}^{(10)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{111}^{(20)}m_{012}^{(00)} - m_{000}^{(20)}m_{010}^{(11)}m_{111}^{(21)}m_{102}^{(00)}\\
&+2m_{000}^{(20)}m_{010}^{(11)}m_{102}^{(00)}m_{102}^{(11)} + m_{000}^{(20)}m_{010}^{(11)}m_{102}^{(00)}m_{012}^{(10)} - 2m_{000}^{(20)}m_{010}^{(11)}(m_{102}^{(10)})^2\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{102}^{(10)}m_{012}^{(00)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(10)}m_{021}^{(22)} + 3m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(11)}m_{111}^{(22)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(11)}m_{102}^{(21)} - m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(11)}m_{012}^{(20)} + m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(20)}m_{030}^{(22)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(20)}m_{012}^{(11)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(21)}m_{120}^{(22)} - 4m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(21)}m_{111}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(21)}m_{102}^{(11)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(21)}m_{021}^{(20)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(22)}m_{120}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(22)}m_{111}^{(11)} - m_{000}^{(20)}m_{010}^{(20)}m_{210}^{(22)}m_{030}^{(20)} + 4m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(10)}m_{021}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(10)}m_{012}^{(11)} - 6m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(11)}m_{111}^{(21)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(11)}m_{012}^{(10)}\\
&-2m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(20)}m_{030}^{(21)} + 4m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(21)}m_{120}^{(21)} + 6m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(21)}m_{111}^{(11)}\\
&-4m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(21)}m_{021}^{(10)} - 4m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(22)}m_{120}^{(11)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{201}^{(22)}m_{030}^{(10)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(00)}m_{012}^{(21)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(10)}m_{111}^{(22)} - 4m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(10)}m_{102}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(20)}m_{012}^{(10)} + 4m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(21)}m_{102}^{(10)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{120}^{(22)}m_{111}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{111}^{(00)}m_{030}^{(22)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{111}^{(00)}m_{021}^{(21)} - 3m_{000}^{(20)}m_{010}^{(20)}m_{111}^{(00)}m_{012}^{(11)}\\
&+6m_{000}^{(20)}m_{010}^{(20)}m_{111}^{(10)}m_{102}^{(11)} + 4m_{000}^{(20)}m_{010}^{(20)}m_{111}^{(10)}m_{012}^{(10)} - 6m_{000}^{(20)}m_{010}^{(20)}m_{111}^{(11)}m_{102}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{111}^{(11)}m_{012}^{(00)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{111}^{(21)}m_{021}^{(00)} - m_{000}^{(20)}m_{010}^{(20)}m_{111}^{(22)}m_{030}^{(00)}\\
&-2m_{000}^{(20)}m_{010}^{(20)}m_{102}^{(00)}m_{030}^{(21)} + 4m_{000}^{(20)}m_{010}^{(20)}m_{102}^{(00)}m_{021}^{(11)} - 4m_{000}^{(20)}m_{010}^{(20)}m_{102}^{(10)}m_{021}^{(10)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{102}^{(20)}m_{030}^{(10)} - m_{000}^{(20)}m_{010}^{(20)}m_{030}^{(00)}m_{012}^{(20)} + m_{000}^{(20)}m_{010}^{(20)}m_{030}^{(20)}m_{012}^{(00)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{021}^{(00)}m_{012}^{(10)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{021}^{(10)}m_{012}^{(00)} + m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(10)}m_{021}^{(22)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(10)}m_{012}^{(21)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(11)}m_{111}^{(22)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(11)}m_{102}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(20)}m_{021}^{(21)} - m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(20)}m_{012}^{(11)} + m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(21)}m_{120}^{(22)}\\
&+3m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(21)}m_{111}^{(21)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(21)}m_{102}^{(11)} - m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(22)}m_{120}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{300}^{(22)}m_{111}^{(11)} + m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(00)}m_{021}^{(22)} - 3m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(00)}m_{012}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(10)}m_{111}^{(22)} + 3m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(10)}m_{102}^{(21)} + m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(10)}m_{012}^{(20)}\\
&+3m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(11)}m_{201}^{(22)} + m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(11)}m_{102}^{(20)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(20)}m_{120}^{(22)}\\
&+3m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(20)}m_{111}^{(21)} - m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(20)}m_{021}^{(20)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(20)}m_{012}^{(10)}\\
&-3m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(21)}m_{201}^{(21)} - 3m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(21)}m_{111}^{(20)} - 4m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(21)}m_{102}^{(10)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(22)}m_{120}^{(20)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{210}^{(22)}m_{111}^{(10)} - 3m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(00)}m_{021}^{(21)}\\
&+5m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(00)}m_{012}^{(11)} + 3m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(10)}m_{111}^{(21)} - 4m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(10)}m_{102}^{(11)}\\
&-2m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(10)}m_{021}^{(20)} - 5m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(10)}m_{012}^{(10)} + 4m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(11)}m_{111}^{(20)}\\
&+4m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(11)}m_{102}^{(10)} + 3m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(20)}m_{120}^{(21)} - 4m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(20)}m_{111}^{(11)}
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&+5m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(20)}m_{021}^{(10)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(21)}m_{120}^{(20)} - 3m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(21)}m_{111}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{201}^{(22)}m_{120}^{(10)} + m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(00)}m_{102}^{(21)} + m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(00)}m_{012}^{(20)}\\
&-3m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(10)}m_{102}^{(20)} + m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(20)}m_{111}^{(20)} - m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(20)}m_{012}^{(00)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(21)}m_{102}^{(00)} - m_{000}^{(20)}m_{010}^{(21)}m_{120}^{(22)}m_{111}^{(00)} + 3m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(00)}m_{111}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(00)}m_{102}^{(11)} + 3m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(00)}m_{021}^{(20)} - 3m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(00)}m_{012}^{(10)}\\
&-3m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(10)}m_{111}^{(20)} + 5m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(10)}m_{102}^{(10)} + 3m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(10)}m_{012}^{(00)}\\
&-3m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(11)}m_{102}^{(00)} - 3m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(20)}m_{021}^{(00)} - m_{000}^{(20)}m_{010}^{(21)}m_{111}^{(00)}m_{102}^{(10)}m_{021}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{102}^{(10)}m_{021}^{(00)} - m_{000}^{(20)}m_{010}^{(22)}m_{300}^{(10)}m_{021}^{(21)} + 2m_{000}^{(20)}m_{010}^{(22)}m_{300}^{(11)}m_{111}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{300}^{(20)}m_{021}^{(11)} - m_{000}^{(20)}m_{010}^{(22)}m_{300}^{(21)}m_{120}^{(21)} - 2m_{000}^{(20)}m_{010}^{(22)}m_{300}^{(21)}m_{111}^{(11)}\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{300}^{(22)}m_{120}^{(11)} - m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(00)}m_{030}^{(22)} + 2m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(00)}m_{021}^{(21)}\\
&+2m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(10)}m_{120}^{(22)} - 2m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(10)}m_{111}^{(21)} - m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(11)}m_{210}^{(22)}\\
&-2m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(11)}m_{201}^{(21)} - m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(11)}m_{111}^{(20)} - m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(20)}m_{111}^{(11)}\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(20)}m_{030}^{(20)} - 2m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(20)}m_{021}^{(10)} + m_{000}^{(20)}m_{010}^{(22)}(m_{210}^{(21)})^2\\
&+2m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(21)}m_{201}^{(11)} + 4m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(21)}m_{111}^{(10)} - 2m_{000}^{(20)}m_{010}^{(22)}m_{210}^{(22)}m_{120}^{(10)}\\
&+2m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(00)}m_{030}^{(21)} - 3m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(00)}m_{021}^{(11)} - 4m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(10)}m_{120}^{(21)}\\
&+4m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(10)}m_{111}^{(11)} + 3m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(10)}m_{021}^{(10)} - 4m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(11)}m_{111}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(20)}m_{120}^{(11)} - 2m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(20)}m_{030}^{(10)} + 3m_{000}^{(20)}m_{010}^{(22)}m_{201}^{(21)}m_{120}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{120}^{(00)}m_{120}^{(22)} - 2m_{000}^{(20)}m_{010}^{(22)}m_{120}^{(00)}m_{111}^{(21)} - m_{000}^{(20)}m_{010}^{(22)}m_{120}^{(00)}m_{021}^{(20)}\\
&+2m_{000}^{(20)}m_{010}^{(22)}m_{120}^{(10)}m_{111}^{(20)} - m_{000}^{(20)}m_{010}^{(22)}(m_{120}^{(20)})^2 + 2m_{000}^{(20)}m_{010}^{(22)}m_{120}^{(20)}m_{111}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{120}^{(20)}m_{021}^{(00)} - 2m_{000}^{(20)}m_{010}^{(22)}m_{120}^{(21)}m_{111}^{(00)} + 3m_{000}^{(20)}m_{010}^{(22)}m_{111}^{(00)}m_{111}^{(11)}\\
&-m_{000}^{(20)}m_{010}^{(22)}m_{111}^{(00)}m_{030}^{(20)} + 2m_{000}^{(20)}m_{010}^{(22)}m_{111}^{(00)}m_{021}^{(10)} - 3m_{000}^{(20)}m_{010}^{(22)}(m_{111}^{(10)})^2\\
&-2m_{000}^{(20)}m_{010}^{(22)}m_{111}^{(10)}m_{021}^{(00)} + m_{000}^{(20)}m_{010}^{(22)}m_{111}^{(20)}m_{030}^{(00)} + m_{000}^{(20)}m_{001}^{(00)}m_{120}^{(10)}m_{021}^{(22)}\\
&-m_{000}^{(20)}m_{001}^{(00)}m_{120}^{(10)}m_{012}^{(21)} + m_{000}^{(20)}m_{001}^{(00)}m_{120}^{(10)}m_{003}^{(11)} - m_{000}^{(20)}m_{001}^{(00)}m_{120}^{(11)}m_{111}^{(22)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{120}^{(11)}m_{102}^{(21)} - m_{000}^{(20)}m_{001}^{(00)}m_{120}^{(11)}m_{003}^{(10)} - m_{000}^{(20)}m_{001}^{(00)}m_{120}^{(20)}m_{012}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(00)}m_{120}^{(21)}m_{102}^{(11)} + 2m_{000}^{(20)}m_{001}^{(00)}m_{120}^{(21)}m_{012}^{(10)} + m_{000}^{(20)}m_{001}^{(00)}m_{120}^{(22)}m_{111}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(00)}m_{120}^{(22)}m_{021}^{(10)} - m_{000}^{(20)}m_{001}^{(00)}m_{111}^{(10)}m_{030}^{(22)} - m_{000}^{(20)}m_{001}^{(00)}m_{111}^{(10)}m_{012}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{111}^{(11)}m_{012}^{(10)} + 2m_{000}^{(20)}m_{001}^{(00)}m_{111}^{(20)}m_{021}^{(11)} - 2m_{000}^{(20)}m_{001}^{(00)}m_{111}^{(21)}m_{021}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{111}^{(22)}m_{030}^{(10)} + m_{000}^{(20)}m_{001}^{(00)}m_{102}^{(10)}m_{030}^{(21)} - m_{000}^{(20)}m_{001}^{(00)}m_{102}^{(20)}m_{030}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(00)}m_{030}^{(00)}m_{021}^{(22)} + m_{000}^{(20)}m_{001}^{(00)}m_{030}^{(10)}m_{012}^{(20)} - m_{000}^{(20)}m_{001}^{(00)}m_{030}^{(10)}m_{003}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{030}^{(11)}m_{003}^{(00)} + m_{000}^{(20)}m_{001}^{(00)}m_{030}^{(20)}m_{012}^{(10)} - 2m_{000}^{(20)}m_{001}^{(00)}m_{030}^{(21)}m_{012}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{030}^{(22)}m_{021}^{(00)} + 2m_{000}^{(20)}m_{001}^{(00)}m_{021}^{(00)}m_{021}^{(21)} - 2m_{000}^{(20)}m_{001}^{(00)}m_{021}^{(10)}m_{021}^{(20)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{021}^{(10)}m_{012}^{(10)} - m_{000}^{(20)}m_{001}^{(00)}m_{021}^{(11)}m_{012}^{(00)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(10)}m_{021}^{(22)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(10)}m_{012}^{(21)} - m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(10)}m_{003}^{(11)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(11)}m_{111}^{(22)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(11)}m_{102}^{(21)} + m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(11)}m_{003}^{(10)} + m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(20)}m_{021}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(20)}m_{012}^{(11)} - m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(21)}m_{111}^{(21)} + m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(21)}m_{102}^{(11)}\\
&-2m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(21)}m_{012}^{(10)} - m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(22)}m_{111}^{(11)} + m_{000}^{(20)}m_{001}^{(10)}m_{210}^{(22)}m_{021}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(10)}m_{030}^{(22)} + m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(10)}m_{021}^{(21)} - m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(11)}m_{120}^{(22)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(11)}m_{111}^{(21)} - m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(20)}m_{030}^{(21)} - m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(20)}m_{021}^{(11)}
\end{aligned}
$$

$$+m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(21)}m_{120}^{(21)}+m_{000}^{(20)}m_{001}^{(10)}m_{201}^{(21)}m_{111}^{(11)}+2m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(00)}m_{021}^{(22)}$$
$$+m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(00)}m_{012}^{(21)}-m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(00)}m_{003}^{(11)}-2m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(10)}m_{111}^{(22)}$$
$$-m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(10)}m_{102}^{(21)}-m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(10)}m_{012}^{(20)}+2m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(10)}m_{003}^{(10)}$$
$$+m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(11)}m_{102}^{(20)}-m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(11)}m_{003}^{(00)}-m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(20)}m_{111}^{(21)}$$
$$+2m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(20)}m_{102}^{(11)}-m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(20)}m_{021}^{(20)}-2m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(20)}m_{012}^{(10)}$$
$$+m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(21)}m_{111}^{(20)}-2m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(21)}m_{102}^{(10)}+2m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(21)}m_{012}^{(00)}$$
$$+2m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(22)}m_{111}^{(10)}-m_{000}^{(20)}m_{001}^{(10)}m_{120}^{(22)}m_{021}^{(00)}-m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(00)}m_{030}^{(22)}$$
$$-4m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(00)}m_{021}^{(21)}+m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(00)}m_{012}^{(11)}+3m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(10)}m_{111}^{(21)}$$
$$+m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(10)}m_{102}^{(11)}+3m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(10)}m_{021}^{(20)}-m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(10)}m_{012}^{(10)}$$
$$-3m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(11)}m_{111}^{(20)}-m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(11)}m_{102}^{(10)}+m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(20)}m_{030}^{(20)}$$
$$+m_{000}^{(20)}m_{001}^{(10)}m_{111}^{(20)}m_{021}^{(10)}+m_{000}^{(20)}m_{001}^{(10)}m_{102}^{(00)}m_{030}^{(21)}+m_{000}^{(20)}m_{001}^{(10)}m_{102}^{(00)}m_{021}^{(11)}$$
$$-2m_{000}^{(20)}m_{001}^{(10)}m_{102}^{(10)}m_{030}^{(20)}-m_{000}^{(20)}m_{001}^{(10)}m_{102}^{(10)}m_{021}^{(10)}+m_{000}^{(20)}m_{001}^{(10)}m_{102}^{(20)}m_{030}^{(10)}$$
$$-m_{000}^{(20)}m_{001}^{(10)}m_{030}^{(00)}m_{012}^{(20)}+m_{000}^{(20)}m_{001}^{(10)}m_{030}^{(00)}m_{003}^{(10)}-m_{000}^{(20)}m_{001}^{(10)}m_{030}^{(10)}m_{003}^{(00)}$$
$$+m_{000}^{(20)}m_{001}^{(10)}m_{030}^{(20)}m_{012}^{(00)}-m_{000}^{(20)}m_{001}^{(10)}m_{021}^{(00)}m_{012}^{(10)}+m_{000}^{(20)}m_{001}^{(10)}m_{021}^{(10)}m_{012}^{(00)}$$
$$+m_{000}^{(20)}m_{001}^{(11)}m_{300}^{(10)}m_{021}^{(22)}-m_{000}^{(20)}m_{001}^{(11)}m_{300}^{(11)}m_{111}^{(22)}-m_{000}^{(20)}m_{001}^{(11)}m_{300}^{(20)}m_{021}^{(21)}$$
$$+m_{000}^{(20)}m_{001}^{(11)}m_{300}^{(21)}m_{111}^{(21)}-m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(00)}m_{021}^{(22)}-m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(00)}m_{012}^{(21)}$$
$$+m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(00)}m_{003}^{(11)}+m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(10)}m_{111}^{(22)}+m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(10)}m_{102}^{(21)}$$
$$-m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(10)}m_{003}^{(10)}+m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(20)}m_{111}^{(21)}-2m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(20)}m_{102}^{(11)}$$
$$+m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(20)}m_{021}^{(20)}+m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(20)}m_{012}^{(10)}-m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(21)}m_{201}^{(21)}$$
$$-m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(21)}m_{111}^{(20)}+m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(21)}m_{102}^{(10)}+m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(22)}m_{201}^{(11)}$$
$$-m_{000}^{(20)}m_{001}^{(11)}m_{210}^{(22)}m_{111}^{(10)}+m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(00)}m_{021}^{(21)}-m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(10)}m_{120}^{(22)}$$
$$-m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(10)}m_{111}^{(21)}-2m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(10)}m_{021}^{(20)}+2m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(11)}m_{111}^{(20)}$$
$$+m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(20)}m_{120}^{(21)}+m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(20)}m_{021}^{(10)}-m_{000}^{(20)}m_{001}^{(11)}m_{201}^{(21)}m_{111}^{(10)}$$
$$+m_{000}^{(20)}m_{001}^{(11)}m_{120}^{(00)}m_{012}^{(20)}-m_{000}^{(20)}m_{001}^{(11)}m_{120}^{(00)}m_{003}^{(10)}-m_{000}^{(20)}m_{001}^{(11)}m_{120}^{(10)}m_{102}^{(20)}$$
$$+m_{000}^{(20)}m_{001}^{(11)}m_{120}^{(10)}m_{003}^{(00)}-m_{000}^{(20)}m_{001}^{(11)}m_{120}^{(20)}m_{111}^{(20)}+2m_{000}^{(20)}m_{001}^{(11)}m_{120}^{(20)}m_{102}^{(10)}$$
$$-m_{000}^{(20)}m_{001}^{(11)}m_{120}^{(20)}m_{012}^{(00)}-m_{000}^{(20)}m_{001}^{(11)}m_{120}^{(21)}m_{102}^{(00)}+m_{000}^{(20)}m_{001}^{(11)}m_{120}^{(22)}m_{111}^{(00)}$$
$$+m_{000}^{(20)}m_{001}^{(11)}m_{111}^{(00)}m_{111}^{(21)}-m_{000}^{(20)}m_{001}^{(11)}m_{111}^{(00)}m_{102}^{(11)}+m_{000}^{(20)}m_{001}^{(11)}m_{111}^{(20)}m_{021}^{(20)}$$
$$-m_{000}^{(20)}m_{001}^{(11)}m_{111}^{(10)}m_{111}^{(20)}+m_{000}^{(20)}m_{001}^{(11)}m_{111}^{(10)}m_{102}^{(10)}-m_{000}^{(20)}m_{001}^{(11)}m_{111}^{(20)}m_{021}^{(00)}$$
$$-m_{000}^{(20)}m_{001}^{(11)}m_{102}^{(00)}m_{021}^{(10)}+m_{000}^{(20)}m_{001}^{(11)}m_{102}^{(10)}m_{021}^{(00)}+m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(10)}m_{030}^{(22)}$$
$$+m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(10)}m_{012}^{(11)}-m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(11)}m_{120}^{(22)}-m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(11)}m_{012}^{(10)}$$
$$-2m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(20)}m_{021}^{(11)}+2m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(21)}m_{021}^{(10)}+m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(22)}m_{120}^{(11)}$$
$$-m_{000}^{(20)}m_{001}^{(20)}m_{210}^{(22)}m_{030}^{(10)}-2m_{000}^{(20)}m_{001}^{(20)}m_{201}^{(10)}m_{030}^{(21)}+2m_{000}^{(20)}m_{001}^{(20)}m_{201}^{(11)}m_{120}^{(21)}$$
$$+2m_{000}^{(20)}m_{001}^{(20)}m_{201}^{(20)}m_{030}^{(11)}-2m_{000}^{(20)}m_{001}^{(20)}m_{201}^{(21)}m_{120}^{(11)}-m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(00)}m_{030}^{(22)}$$
$$-2m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(00)}m_{021}^{(21)}+m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(00)}m_{012}^{(11)}+4m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(10)}m_{111}^{(21)}$$
$$-2m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(10)}m_{102}^{(11)}-2m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(10)}m_{012}^{(10)}+2m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(11)}m_{102}^{(10)}$$
$$+m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(11)}m_{012}^{(00)}+4m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(20)}m_{021}^{(10)}-4m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(21)}m_{111}^{(10)}$$
$$-2m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(21)}m_{021}^{(00)}+m_{000}^{(20)}m_{001}^{(20)}m_{120}^{(22)}m_{030}^{(00)}+4m_{000}^{(20)}m_{001}^{(20)}m_{111}^{(00)}m_{030}^{(21)}$$
$$-4m_{000}^{(20)}m_{001}^{(20)}m_{111}^{(20)}m_{030}^{(10)}-2m_{000}^{(20)}m_{001}^{(20)}m_{102}^{(00)}m_{030}^{(11)}+2m_{000}^{(20)}m_{001}^{(20)}m_{102}^{(10)}m_{030}^{(10)}$$

$$
\begin{aligned}
&+2m_{000}^{(20)}m_{001}^{(20)}m_{030}^{(00)}m_{021}^{(20)} - m_{000}^{(20)}m_{001}^{(20)}m_{030}^{(00)}m_{012}^{(10)} + m_{000}^{(20)}m_{001}^{(20)}m_{030}^{(10)}m_{012}^{(00)}\\
&-2m_{000}^{(20)}m_{001}^{(20)}m_{030}^{(20)}m_{021}^{(00)} - m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(10)}m_{030}^{(22)} - m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(10)}m_{021}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(11)}m_{120}^{(22)} + m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(11)}m_{111}^{(21)} + m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(20)}m_{030}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(20)}m_{021}^{(11)} - m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(21)}m_{120}^{(21)} - m_{000}^{(20)}m_{001}^{(21)}m_{300}^{(21)}m_{111}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(00)}m_{030}^{(22)} + 3m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(00)}m_{021}^{(21)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(00)}m_{012}^{(11)}\\
&-4m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(10)}m_{111}^{(21)} + m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(10)}m_{102}^{(11)} + m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(10)}m_{021}^{(20)}\\
&+2m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(10)}m_{012}^{(10)} - m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(11)}m_{210}^{(22)} + m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(11)}m_{201}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(11)}m_{111}^{(20)} - m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(11)}m_{102}^{(10)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(20)}m_{120}^{(21)}\\
&+3m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(20)}m_{111}^{(11)} - m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(20)}m_{030}^{(20)} - 4m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(20)}m_{021}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(21)}(m_{210}^{(21)})^2 - m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(21)}m_{201}^{(11)} + m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(21)}m_{120}^{(20)}\\
&+2m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(21)}m_{111}^{(10)} + m_{000}^{(20)}m_{001}^{(21)}m_{210}^{(22)}m_{120}^{(10)} - m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(00)}m_{030}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(00)}m_{021}^{(11)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(10)}m_{120}^{(21)} + m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(10)}m_{111}^{(11)}\\
&+2m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(10)}m_{030}^{(20)} + m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(10)}m_{021}^{(10)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(11)}m_{120}^{(20)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(11)}m_{111}^{(10)} - m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(20)}m_{120}^{(11)} - m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(20)}m_{030}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{201}^{(21)}m_{120}^{(10)} - m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(00)}m_{120}^{(22)} - m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(00)}m_{111}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(00)}m_{102}^{(11)} - 3m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(00)}m_{021}^{(20)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(00)}m_{012}^{(10)}\\
&+4m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(10)}m_{111}^{(20)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(10)}m_{102}^{(10)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(10)}m_{012}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(11)}m_{102}^{(00)} + m_{000}^{(20)}m_{001}^{(21)}(m_{120}^{(20)})^2 - 2m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(20)}m_{111}^{(10)}\\
&+3m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(20)}m_{021}^{(00)} - m_{000}^{(20)}m_{001}^{(21)}m_{120}^{(21)}m_{111}^{(00)} + m_{000}^{(20)}m_{001}^{(21)}m_{111}^{(00)}m_{111}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{111}^{(00)}m_{030}^{(20)} + m_{000}^{(20)}m_{001}^{(21)}m_{111}^{(00)}m_{021}^{(10)} - m_{000}^{(20)}m_{001}^{(21)}(m_{111}^{(10)})^2\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{111}^{(10)}m_{021}^{(00)} + m_{000}^{(20)}m_{001}^{(21)}m_{111}^{(20)}m_{030}^{(00)} + m_{000}^{(20)}m_{001}^{(21)}m_{102}^{(00)}m_{030}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{102}^{(10)}m_{030}^{(00)} + m_{000}^{(20)}m_{001}^{(22)}m_{300}^{(10)}m_{030}^{(21)} - m_{000}^{(20)}m_{001}^{(22)}m_{300}^{(11)}m_{120}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(22)}m_{300}^{(20)}m_{030}^{(11)} + m_{000}^{(20)}m_{001}^{(22)}m_{300}^{(21)}m_{120}^{(11)} - 2m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(00)}m_{030}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(00)}m_{021}^{(11)} + 2m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(10)}m_{120}^{(21)} - m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(10)}m_{111}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(10)}m_{030}^{(20)} - m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(10)}m_{021}^{(10)} + m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(11)}m_{120}^{(20)}\\
&+m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(11)}m_{111}^{(10)} + 3m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(20)}m_{030}^{(10)} - 3m_{000}^{(20)}m_{001}^{(22)}m_{210}^{(21)}m_{120}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(22)}m_{201}^{(00)}m_{030}^{(11)} - m_{000}^{(20)}m_{001}^{(22)}m_{201}^{(10)}m_{120}^{(11)} - m_{000}^{(20)}m_{001}^{(22)}m_{201}^{(10)}m_{030}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(22)}m_{201}^{(11)}m_{120}^{(10)} + 2m_{000}^{(20)}m_{001}^{(22)}m_{120}^{(00)}m_{120}^{(21)} - m_{000}^{(20)}m_{001}^{(22)}m_{120}^{(00)}m_{111}^{(11)}\\
&+2m_{000}^{(20)}m_{001}^{(22)}m_{120}^{(00)}m_{030}^{(20)} - m_{000}^{(20)}m_{001}^{(22)}m_{120}^{(00)}m_{021}^{(10)} - 2m_{000}^{(20)}m_{001}^{(22)}m_{120}^{(10)}m_{120}^{(20)}\\
&+2m_{000}^{(20)}m_{001}^{(22)}m_{120}^{(10)}m_{111}^{(10)} + m_{000}^{(20)}m_{001}^{(22)}m_{120}^{(10)}m_{021}^{(00)} - m_{000}^{(20)}m_{001}^{(22)}m_{120}^{(11)}m_{111}^{(00)}\\
&-2m_{000}^{(20)}m_{001}^{(22)}m_{120}^{(20)}m_{030}^{(00)} - m_{000}^{(20)}m_{001}^{(22)}m_{111}^{(00)}m_{030}^{(10)} + m_{000}^{(20)}m_{001}^{(22)}m_{111}^{(10)}m_{030}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(10)}m_{012}^{(22)} + m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(10)}m_{003}^{(21)} - m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(11)}m_{003}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(20)}m_{021}^{(22)} - 3m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(20)}m_{012}^{(21)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(21)}m_{111}^{(22)}\\
&+2m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(21)}m_{012}^{(20)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(22)}m_{111}^{(21)} - m_{000}^{(21)}m_{100}^{(00)}m_{120}^{(22)}m_{021}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(10)}m_{021}^{(22)} - 4m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(10)}m_{012}^{(21)} + m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(10)}m_{003}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(11)}m_{102}^{(21)} + m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(11)}m_{012}^{(20)} - m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(11)}m_{003}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(20)}m_{030}^{(22)} + 4m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(20)}m_{021}^{(21)} + m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(20)}m_{012}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(21)}m_{102}^{(11)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(21)}m_{021}^{(20)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(21)}m_{012}^{(10)}
\end{aligned}
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$$+m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(22)}m_{030}^{(20)} - m_{000}^{(21)}m_{100}^{(00)}m_{111}^{(22)}m_{021}^{(10)} + 3m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(10)}m_{021}^{(21)}$$
$$-m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(10)}m_{012}^{(11)} + m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(11)}m_{012}^{(10)} - m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(20)}m_{030}^{(21)}$$
$$-m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(20)}m_{021}^{(11)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(21)}m_{021}^{(10)} + m_{000}^{(21)}m_{100}^{(00)}m_{102}^{(22)}m_{030}^{(10)}$$
$$-2m_{000}^{(21)}m_{100}^{(00)}m_{030}^{(00)}m_{012}^{(22)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{030}^{(20)}m_{012}^{(20)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{021}^{(00)}m_{021}^{(22)}$$
$$+4m_{000}^{(21)}m_{100}^{(00)}m_{021}^{(00)}m_{012}^{(21)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{021}^{(10)}m_{003}^{(10)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{021}^{(11)}m_{003}^{(00)}$$
$$-2m_{000}^{(21)}m_{100}^{(00)}(m_{021}^{(20)})^2 - 4m_{000}^{(21)}m_{100}^{(00)}m_{021}^{(21)}m_{012}^{(00)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{012}^{(00)}m_{012}^{(11)}$$
$$+2m_{000}^{(21)}m_{100}^{(00)}(m_{012}^{(10)})^2 - 3m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(10)}m_{012}^{(22)} - m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(10)}m_{003}^{(21)}$$
$$+m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(11)}m_{102}^{(22)} + m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(11)}m_{003}^{(20)} - m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(20)}m_{021}^{(22)}$$
$$+5m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(20)}m_{012}^{(21)} + 3m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(21)}m_{111}^{(22)} - m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(21)}m_{102}^{(21)}$$
$$-2m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(21)}m_{012}^{(20)} - 3m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(22)}m_{111}^{(21)} + m_{000}^{(21)}m_{100}^{(10)}m_{210}^{(22)}m_{021}^{(20)}$$
$$+2m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(10)}m_{021}^{(22)} + 3m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(10)}m_{012}^{(21)} - m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(10)}m_{003}^{(11)}$$
$$-m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(11)}m_{111}^{(22)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(11)}m_{102}^{(21)} + m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(11)}m_{003}^{(10)}$$
$$-3m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(20)}m_{021}^{(21)} - m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(20)}m_{012}^{(11)} - m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(21)}m_{120}^{(22)}$$
$$+m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(21)}m_{111}^{(21)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(21)}m_{102}^{(11)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(21)}m_{012}^{(10)}$$
$$+m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(22)}m_{120}^{(21)} + m_{000}^{(21)}m_{100}^{(10)}m_{201}^{(22)}m_{021}^{(10)} + 5m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(00)}m_{012}^{(22)}$$
$$-m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(00)}m_{003}^{(21)} - 3m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(10)}m_{102}^{(22)} + m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(10)}m_{003}^{(20)}$$
$$-3m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(20)}m_{111}^{(22)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(20)}m_{102}^{(21)} - 5m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(20)}m_{012}^{(20)}$$
$$+m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(21)}m_{102}^{(20)} + 3m_{000}^{(21)}m_{100}^{(10)}m_{120}^{(22)}m_{111}^{(20)} - 3m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(00)}m_{021}^{(22)}$$
$$-4m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(00)}m_{012}^{(21)} - m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(00)}m_{003}^{(11)} + 3m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(10)}m_{111}^{(22)}$$
$$+3m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(10)}m_{102}^{(21)} + 3m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(10)}m_{012}^{(20)} + 3m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(10)}m_{003}^{(10)}$$
$$-2m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(11)}m_{102}^{(20)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(11)}m_{003}^{(00)} - 3m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(20)}m_{111}^{(21)}$$
$$+2m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(20)}m_{102}^{(11)} + 5m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(20)}m_{021}^{(20)} - 3m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(20)}m_{012}^{(10)}$$
$$-3m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(21)}m_{102}^{(10)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(21)}m_{012}^{(00)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{111}^{(22)}m_{021}^{(00)}$$
$$+m_{000}^{(21)}m_{100}^{(10)}m_{102}^{(00)}m_{021}^{(21)} + 3m_{000}^{(21)}m_{100}^{(10)}m_{102}^{(00)}m_{012}^{(11)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{102}^{(10)}m_{021}^{(20)}$$
$$-3m_{000}^{(21)}m_{100}^{(10)}m_{102}^{(10)}m_{012}^{(10)} + 3m_{000}^{(21)}m_{100}^{(10)}m_{102}^{(20)}m_{021}^{(10)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{021}^{(00)}m_{012}^{(20)}$$
$$+2m_{000}^{(21)}m_{100}^{(10)}m_{021}^{(00)}m_{003}^{(10)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{021}^{(10)}m_{003}^{(00)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{021}^{(20)}m_{012}^{(00)}$$
$$+2m_{000}^{(21)}m_{100}^{(11)}m_{300}^{(10)}m_{012}^{(22)} - m_{000}^{(21)}m_{100}^{(11)}m_{300}^{(11)}m_{102}^{(22)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{300}^{(21)}m_{012}^{(21)}$$
$$-m_{000}^{(21)}m_{100}^{(11)}m_{300}^{(21)}m_{111}^{(22)} + m_{000}^{(21)}m_{100}^{(11)}m_{300}^{(21)}m_{102}^{(21)} + m_{000}^{(21)}m_{100}^{(11)}m_{300}^{(22)}m_{111}^{(21)}$$
$$-3m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(00)}m_{012}^{(22)} + m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(00)}m_{003}^{(21)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(10)}m_{102}^{(22)}$$
$$-m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(10)}m_{003}^{(20)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(20)}m_{111}^{(22)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(20)}m_{102}^{(21)}$$
$$+3m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(20)}m_{012}^{(20)} - m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(21)}m_{201}^{(22)} + m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(22)}m_{201}^{(21)}$$
$$-2m_{000}^{(21)}m_{100}^{(11)}m_{210}^{(22)}m_{111}^{(20)} + m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(00)}m_{012}^{(21)} + m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(00)}m_{003}^{(11)}$$
$$-2m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(10)}m_{111}^{(22)} - 4m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(10)}m_{012}^{(20)} - m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(10)}m_{003}^{(10)}$$
$$+m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(11)}m_{201}^{(22)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(11)}m_{102}^{(20)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(20)}m_{111}^{(21)}$$
$$-2m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(20)}m_{102}^{(11)} + 3m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(20)}m_{012}^{(10)} - m_{000}^{(21)}m_{100}^{(11)}(m_{201}^{(21)})^2$$
$$+2m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(21)}m_{111}^{(20)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{201}^{(22)}m_{111}^{(10)} + 3m_{000}^{(21)}m_{100}^{(11)}m_{111}^{(00)}m_{111}^{(22)}$$
$$-m_{000}^{(21)}m_{100}^{(11)}m_{111}^{(00)}m_{102}^{(21)} + 4m_{000}^{(21)}m_{100}^{(11)}m_{111}^{(00)}m_{012}^{(20)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{111}^{(00)}m_{003}^{(10)}$$
$$-2m_{000}^{(21)}m_{100}^{(11)}m_{111}^{(10)}m_{102}^{(20)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{111}^{(10)}m_{003}^{(00)} - 3m_{000}^{(21)}m_{100}^{(11)}(m_{111}^{(20)})^2$$

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\begin{aligned}
&+4m_{000}^{(21)}m_{100}^{(11)}m_{111}^{(20)}m_{102}^{(10)} - 4m_{000}^{(21)}m_{100}^{(11)}m_{111}^{(20)}m_{012}^{(00)} - m_{000}^{(21)}m_{100}^{(11)}m_{111}^{(21)}m_{102}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{102}^{(00)}m_{102}^{(11)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{102}^{(00)}m_{012}^{(10)} + m_{000}^{(21)}m_{100}^{(11)}(m_{102}^{(10)})^2\\
&+2m_{000}^{(21)}m_{100}^{(11)}m_{102}^{(10)}m_{012}^{(00)} + m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(10)}m_{021}^{(22)} + 3m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(10)}m_{210}^{(21)}m_{012}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(11)}m_{102}^{(21)} - m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(11)}m_{012}^{(20)} + m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(20)}m_{030}^{(22)}\\
&-3m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(20)}m_{021}^{(21)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(20)}m_{012}^{(11)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(21)}m_{120}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(21)}m_{111}^{(21)} + m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(21)}m_{102}^{(11)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(21)}m_{021}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(22)}m_{120}^{(21)} + m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(22)}m_{111}^{(11)} - m_{000}^{(21)}m_{100}^{(20)}m_{210}^{(22)}m_{030}^{(20)}\\
&-5m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(10)}m_{021}^{(21)} + m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(10)}m_{012}^{(11)} + 3m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(11)}m_{111}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(11)}m_{012}^{(10)} + m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(20)}m_{030}^{(21)} + 3m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(20)}m_{021}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(21)}m_{120}^{(21)} - 3m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(21)}m_{111}^{(11)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(21)}m_{021}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(22)}m_{120}^{(11)} - m_{000}^{(21)}m_{100}^{(20)}m_{201}^{(22)}m_{030}^{(10)} - 3m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(00)}m_{021}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(00)}m_{012}^{(21)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(10)}m_{111}^{(22)} - m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(10)}m_{102}^{(21)}\\
&-3m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(10)}m_{012}^{(20)} + 3m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(11)}m_{102}^{(20)} + 3m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(20)}m_{111}^{(21)}\\
&+3m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(20)}m_{021}^{(20)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(20)}m_{012}^{(10)} - 3m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(21)}m_{111}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(21)}m_{102}^{(10)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{120}^{(22)}m_{111}^{(10)} + m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(00)}m_{030}^{(22)}\\
&+4m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(00)}m_{021}^{(21)} + 3m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(00)}m_{012}^{(11)} + 3m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(10)}m_{111}^{(21)}\\
&-3m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(10)}m_{102}^{(11)} + 3m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(10)}m_{021}^{(20)} - 5m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(10)}m_{012}^{(10)}\\
&-3m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(11)}m_{111}^{(20)} + 3m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(11)}m_{102}^{(10)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(11)}m_{012}^{(00)}\\
&-3m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(20)}m_{030}^{(20)} - 3m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(20)}m_{021}^{(10)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(21)}m_{021}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{111}^{(22)}m_{030}^{(00)} + m_{000}^{(21)}m_{100}^{(20)}m_{102}^{(00)}m_{030}^{(21)} - 5m_{000}^{(21)}m_{100}^{(20)}m_{102}^{(00)}m_{021}^{(11)}\\
&+5m_{000}^{(21)}m_{100}^{(20)}m_{102}^{(10)}m_{021}^{(10)} - m_{000}^{(21)}m_{100}^{(20)}m_{102}^{(20)}m_{030}^{(10)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{030}^{(00)}m_{012}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{030}^{(20)}m_{012}^{(00)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{021}^{(00)}m_{012}^{(10)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{021}^{(10)}m_{012}^{(00)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(10)}m_{021}^{(22)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(10)}m_{012}^{(21)} + m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(11)}m_{111}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(11)}m_{102}^{(21)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(20)}m_{021}^{(21)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(20)}m_{012}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(21)}m_{120}^{(22)} - m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(21)}m_{102}^{(11)} - m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(22)}m_{120}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{300}^{(22)}m_{111}^{(11)} + 4m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(00)}m_{021}^{(22)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(10)}m_{111}^{(22)}\\
&+4m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(10)}m_{012}^{(20)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(11)}m_{102}^{(20)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(20)}m_{120}^{(22)}\\
&-4m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(20)}m_{021}^{(20)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(20)}m_{012}^{(10)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(21)}m_{102}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(22)}m_{120}^{(20)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{210}^{(22)}m_{111}^{(10)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(00)}m_{012}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(10)}m_{102}^{(11)} + 4m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(10)}m_{021}^{(20)} + 4m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(10)}m_{012}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(11)}m_{111}^{(20)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(11)}m_{102}^{(10)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(20)}m_{111}^{(11)}\\
&-4m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(20)}m_{021}^{(10)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(21)}m_{120}^{(20)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{201}^{(22)}m_{120}^{(10)}\\
&-3m_{000}^{(21)}m_{100}^{(21)}m_{120}^{(00)}m_{111}^{(22)} + m_{000}^{(21)}m_{100}^{(21)}m_{120}^{(00)}m_{102}^{(21)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{120}^{(00)}m_{012}^{(20)}\\
&+4m_{000}^{(21)}m_{100}^{(21)}m_{120}^{(20)}m_{111}^{(20)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{120}^{(20)}m_{012}^{(00)} - m_{000}^{(21)}m_{100}^{(21)}m_{120}^{(21)}m_{102}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{120}^{(22)}m_{111}^{(00)} + m_{000}^{(21)}m_{100}^{(21)}m_{111}^{(00)}m_{102}^{(11)} - 6m_{000}^{(21)}m_{100}^{(21)}m_{111}^{(00)}m_{021}^{(20)}\\
&+6m_{000}^{(21)}m_{100}^{(21)}m_{111}^{(00)}m_{012}^{(10)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{111}^{(10)}m_{102}^{(10)} - 6m_{000}^{(21)}m_{100}^{(21)}m_{111}^{(10)}m_{012}^{(00)}\\
&+3m_{000}^{(21)}m_{100}^{(21)}m_{111}^{(11)}m_{102}^{(00)} + 6m_{000}^{(21)}m_{100}^{(21)}m_{111}^{(20)}m_{021}^{(00)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{102}^{(00)}m_{021}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{102}^{(10)}m_{021}^{(00)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{300}^{(10)}m_{021}^{(21)} - m_{000}^{(21)}m_{100}^{(22)}m_{300}^{(11)}m_{111}^{(21)}
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&-2m_{000}^{(21)}m_{100}^{(22)}m_{300}^{(20)}m_{021}^{(11)} - m_{000}^{(21)}m_{100}^{(22)}m_{300}^{(21)}m_{120}^{(21)} + m_{000}^{(21)}m_{100}^{(22)}m_{300}^{(21)}m_{111}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{300}^{(22)}m_{120}^{(11)} - m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(00)}m_{030}^{(22)} - m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(00)}m_{021}^{(21)}\\
&+2m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(10)}m_{120}^{(22)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(10)}m_{111}^{(21)} - 3m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(10)}m_{021}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(11)}m_{210}^{(22)} + m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(11)}m_{201}^{(21)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(11)}m_{111}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(20)}m_{111}^{(11)} + m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(20)}m_{030}^{(20)} + 4m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(20)}m_{021}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(22)}(m_{210}^{(21)})^2 - m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(21)}m_{201}^{(11)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(21)}m_{111}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(22)}m_{210}^{(22)}m_{120}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{201}^{(00)}m_{030}^{(21)} + 3m_{000}^{(21)}m_{100}^{(22)}m_{201}^{(00)}m_{021}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(22)}m_{201}^{(10)}m_{120}^{(21)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{201}^{(10)}m_{111}^{(11)} - 3m_{000}^{(21)}m_{100}^{(22)}m_{201}^{(10)}m_{021}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(22)}m_{201}^{(11)}m_{111}^{(10)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{201}^{(20)}m_{120}^{(11)} + m_{000}^{(21)}m_{100}^{(22)}m_{201}^{(20)}m_{030}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{120}^{(00)}m_{120}^{(22)} + m_{000}^{(21)}m_{100}^{(22)}m_{120}^{(00)}m_{111}^{(21)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{120}^{(00)}m_{021}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(22)}m_{120}^{(10)}m_{111}^{(20)} - m_{000}^{(21)}m_{100}^{(22)}(m_{120}^{(20)})^2 - 4m_{000}^{(21)}m_{100}^{(22)}m_{120}^{(20)}m_{111}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(22)}m_{120}^{(20)}m_{021}^{(00)} + m_{000}^{(21)}m_{100}^{(22)}m_{120}^{(21)}m_{111}^{(00)} - 3m_{000}^{(21)}m_{100}^{(22)}m_{111}^{(00)}m_{111}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(22)}m_{111}^{(00)}m_{030}^{(20)} - 4m_{000}^{(21)}m_{100}^{(22)}m_{111}^{(00)}m_{021}^{(10)} + 3m_{000}^{(21)}m_{100}^{(22)}(m_{111}^{(10)})^2\\
&+4m_{000}^{(21)}m_{100}^{(22)}m_{111}^{(10)}m_{021}^{(00)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{111}^{(20)}m_{030}^{(00)} + m_{000}^{(21)}m_{010}^{(00)}m_{210}^{(10)}m_{012}^{(22)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{210}^{(10)}m_{003}^{(21)} - m_{000}^{(21)}m_{010}^{(00)}m_{210}^{(11)}m_{102}^{(22)} + m_{000}^{(21)}m_{010}^{(00)}m_{210}^{(11)}m_{003}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{210}^{(20)}m_{021}^{(22)} + m_{000}^{(21)}m_{010}^{(00)}m_{210}^{(20)}m_{012}^{(21)} + m_{000}^{(21)}m_{010}^{(00)}m_{210}^{(21)}m_{111}^{(22)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{210}^{(21)}m_{102}^{(21)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{210}^{(21)}m_{012}^{(20)} - m_{000}^{(21)}m_{010}^{(00)}m_{210}^{(22)}m_{111}^{(21)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{210}^{(22)}m_{021}^{(20)} - m_{000}^{(21)}m_{010}^{(00)}m_{201}^{(10)}m_{021}^{(22)} + m_{000}^{(21)}m_{010}^{(00)}m_{201}^{(10)}m_{012}^{(21)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{201}^{(11)}m_{111}^{(22)} - m_{000}^{(21)}m_{010}^{(00)}m_{201}^{(11)}m_{012}^{(20)} + m_{000}^{(21)}m_{010}^{(00)}m_{201}^{(20)}m_{030}^{(22)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{201}^{(20)}m_{021}^{(21)} - m_{000}^{(21)}m_{010}^{(00)}m_{201}^{(21)}m_{120}^{(22)} - m_{000}^{(21)}m_{010}^{(00)}m_{201}^{(21)}m_{111}^{(21)}\\
&+2m_{000}^{(21)}m_{010}^{(00)}m_{201}^{(21)}m_{021}^{(20)} + m_{000}^{(21)}m_{010}^{(00)}m_{201}^{(22)}m_{120}^{(21)} - m_{000}^{(21)}m_{010}^{(00)}m_{201}^{(22)}m_{030}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{120}^{(10)}m_{102}^{(22)} + m_{000}^{(21)}m_{010}^{(00)}m_{120}^{(20)}m_{102}^{(21)} + m_{000}^{(21)}m_{010}^{(00)}m_{111}^{(10)}m_{102}^{(22)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{111}^{(10)}m_{102}^{(21)} - m_{000}^{(21)}m_{010}^{(00)}m_{111}^{(10)}m_{012}^{(20)} + m_{000}^{(21)}m_{010}^{(00)}m_{111}^{(10)}m_{003}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{111}^{(11)}m_{102}^{(20)} - m_{000}^{(21)}m_{010}^{(00)}m_{111}^{(11)}m_{003}^{(00)} - m_{000}^{(21)}m_{010}^{(00)}m_{111}^{(20)}m_{111}^{(21)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{111}^{(20)}m_{102}^{(11)} + m_{000}^{(21)}m_{010}^{(00)}m_{111}^{(20)}m_{021}^{(20)} - m_{000}^{(21)}m_{010}^{(00)}m_{111}^{(20)}m_{012}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{111}^{(21)}m_{102}^{(10)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{111}^{(21)}m_{012}^{(00)} - m_{000}^{(21)}m_{010}^{(00)}m_{111}^{(22)}m_{021}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{102}^{(10)}m_{021}^{(20)} - m_{000}^{(21)}m_{010}^{(00)}m_{102}^{(10)}m_{012}^{(10)} + m_{000}^{(21)}m_{010}^{(00)}m_{102}^{(11)}m_{012}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{102}^{(20)}m_{030}^{(20)} + m_{000}^{(21)}m_{010}^{(00)}m_{102}^{(20)}m_{021}^{(10)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{102}^{(21)}m_{021}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{102}^{(22)}m_{030}^{(00)} - m_{000}^{(21)}m_{010}^{(10)}m_{300}^{(10)}m_{012}^{(22)} + m_{000}^{(21)}m_{010}^{(10)}m_{300}^{(10)}m_{003}^{(21)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{300}^{(11)}m_{102}^{(22)} - m_{000}^{(21)}m_{010}^{(10)}m_{300}^{(11)}m_{003}^{(20)} + m_{000}^{(21)}m_{010}^{(10)}m_{300}^{(20)}m_{021}^{(22)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{300}^{(20)}m_{012}^{(21)} - m_{000}^{(21)}m_{010}^{(10)}m_{300}^{(21)}m_{111}^{(22)} - m_{000}^{(21)}m_{010}^{(10)}m_{300}^{(21)}m_{102}^{(21)}\\
&+2m_{000}^{(21)}m_{010}^{(10)}m_{300}^{(21)}m_{012}^{(20)} + m_{000}^{(21)}m_{010}^{(10)}m_{300}^{(22)}m_{111}^{(21)} - m_{000}^{(21)}m_{010}^{(10)}m_{300}^{(22)}m_{021}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{210}^{(00)}m_{012}^{(22)} + m_{000}^{(21)}m_{010}^{(10)}m_{210}^{(00)}m_{003}^{(21)} + 3m_{000}^{(21)}m_{010}^{(10)}m_{210}^{(10)}m_{102}^{(22)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{210}^{(10)}m_{003}^{(20)} + m_{000}^{(21)}m_{010}^{(10)}m_{210}^{(20)}m_{111}^{(22)} - 4m_{000}^{(21)}m_{010}^{(10)}m_{210}^{(20)}m_{102}^{(21)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{210}^{(20)}m_{012}^{(20)} - 3m_{000}^{(21)}m_{010}^{(10)}m_{210}^{(21)}m_{201}^{(22)} + m_{000}^{(21)}m_{010}^{(10)}m_{210}^{(21)}m_{102}^{(20)}\\
&+3m_{000}^{(21)}m_{010}^{(10)}m_{210}^{(22)}m_{201}^{(21)} - m_{000}^{(21)}m_{010}^{(10)}m_{210}^{(22)}m_{111}^{(20)} + m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(00)}m_{021}^{(22)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(00)}m_{012}^{(21)} - m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(10)}m_{111}^{(22)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(10)}m_{102}^{(21)}\\
&+2m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(10)}m_{012}^{(20)} - m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(10)}m_{003}^{(10)} - m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(11)}m_{201}^{(22)}
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\begin{aligned}
&+m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(11)}m_{003}^{(00)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(20)}m_{120}^{(22)} + 4m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(20)}m_{111}^{(21)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(20)}m_{102}^{(11)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(20)}m_{021}^{(20)} + m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(20)}m_{012}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(10)}(m_{201}^{(21)})^2 - 2m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(21)}m_{111}^{(20)} + m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(21)}m_{102}^{(10)}\\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(21)}m_{012}^{(00)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(22)}m_{120}^{(20)} - m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(22)}m_{111}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{201}^{(22)}m_{021}^{(00)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{120}^{(00)}m_{102}^{(22)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{120}^{(20)}m_{102}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{111}^{(00)}m_{111}^{(22)} + 3m_{000}^{(21)}m_{010}^{(10)}m_{111}^{(00)}m_{102}^{(21)} + m_{000}^{(21)}m_{010}^{(10)}m_{111}^{(00)}m_{012}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{111}^{(00)}m_{003}^{(10)} - 4m_{000}^{(21)}m_{010}^{(10)}m_{111}^{(10)}m_{102}^{(20)} + m_{000}^{(21)}m_{010}^{(10)}m_{111}^{(10)}m_{003}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(10)}(m_{111}^{(20)})^2 + 2m_{000}^{(21)}m_{010}^{(10)}m_{111}^{(20)}m_{102}^{(10)} - m_{000}^{(21)}m_{010}^{(10)}m_{111}^{(20)}m_{012}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{111}^{(21)}m_{102}^{(00)} - m_{000}^{(21)}m_{010}^{(10)}m_{102}^{(00)}m_{102}^{(11)} - m_{000}^{(21)}m_{010}^{(10)}m_{102}^{(00)}m_{021}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{102}^{(00)}m_{012}^{(10)} + m_{000}^{(21)}m_{010}^{(10)}(m_{102}^{(10)})^2 - m_{000}^{(21)}m_{010}^{(10)}m_{102}^{(10)}m_{012}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{102}^{(20)}m_{021}^{(00)} + m_{000}^{(21)}m_{010}^{(11)}m_{300}^{(00)}m_{012}^{(22)} - m_{000}^{(21)}m_{010}^{(11)}m_{300}^{(00)}m_{003}^{(21)}\\
&-2m_{000}^{(21)}m_{010}^{(11)}m_{300}^{(10)}m_{102}^{(22)} + m_{000}^{(21)}m_{010}^{(11)}m_{300}^{(10)}m_{003}^{(20)} - m_{000}^{(21)}m_{010}^{(11)}m_{300}^{(20)}m_{111}^{(22)}\\
&+3m_{000}^{(21)}m_{010}^{(11)}m_{300}^{(20)}m_{102}^{(21)} - m_{000}^{(21)}m_{010}^{(11)}m_{300}^{(20)}m_{012}^{(20)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{300}^{(21)}m_{201}^{(22)}\\
&-m_{000}^{(21)}m_{010}^{(11)}m_{300}^{(21)}m_{102}^{(20)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{300}^{(22)}m_{201}^{(21)} + m_{000}^{(21)}m_{010}^{(11)}m_{300}^{(22)}m_{111}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(11)}m_{210}^{(00)}m_{102}^{(22)} - m_{000}^{(21)}m_{010}^{(11)}m_{210}^{(20)}m_{201}^{(22)} - m_{000}^{(21)}m_{010}^{(11)}m_{210}^{(20)}m_{102}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(11)}m_{210}^{(22)}m_{201}^{(20)} - m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(00)}m_{111}^{(22)} - m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(00)}m_{012}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(00)}m_{003}^{(10)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(10)}m_{201}^{(22)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(10)}m_{102}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(10)}m_{003}^{(00)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(20)}m_{201}^{(21)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(20)}m_{111}^{(20)}\\
&-3m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(20)}m_{102}^{(10)} + m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(20)}m_{012}^{(00)} + m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(21)}m_{102}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(11)}m_{201}^{(22)}m_{111}^{(00)} - m_{000}^{(21)}m_{010}^{(11)}m_{111}^{(00)}m_{102}^{(20)} + m_{000}^{(21)}m_{010}^{(11)}m_{111}^{(20)}m_{102}^{(00)}\\
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&+m_{000}^{(21)}m_{010}^{(20)}m_{300}^{(11)}m_{012}^{(20)} - m_{000}^{(21)}m_{010}^{(20)}m_{300}^{(20)}m_{030}^{(22)} + m_{000}^{(21)}m_{010}^{(20)}m_{300}^{(20)}m_{021}^{(21)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{300}^{(21)}m_{120}^{(22)} + m_{000}^{(21)}m_{010}^{(20)}m_{300}^{(21)}m_{111}^{(21)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{300}^{(21)}m_{021}^{(20)}\\
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&+m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(10)}m_{012}^{(20)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(11)}m_{201}^{(22)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(11)}m_{102}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(20)}m_{120}^{(22)} + m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(20)}m_{111}^{(21)} + m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(20)}m_{102}^{(11)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(20)}m_{021}^{(20)} - m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(21)}m_{201}^{(21)} + 3m_{000}^{(21)}m_{010}^{(20)}m_{210}^{(21)}m_{111}^{(20)}\\
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&+m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(00)}m_{021}^{(21)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(10)}m_{120}^{(22)} + m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(10)}m_{111}^{(21)}\\
&-2m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(10)}m_{021}^{(20)} + m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(10)}m_{012}^{(10)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(11)}m_{111}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(11)}m_{012}^{(00)} - m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(20)}m_{120}^{(21)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(20)}m_{111}^{(11)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(20)}m_{030}^{(20)} - m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(20)}m_{021}^{(10)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(21)}m_{120}^{(20)}\\
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&-m_{000}^{(21)}m_{010}^{(20)}m_{201}^{(22)}m_{021}^{(00)} + m_{000}^{(21)}m_{010}^{(20)}m_{120}^{(00)}m_{111}^{(22)} + m_{000}^{(21)}m_{010}^{(20)}m_{120}^{(00)}m_{102}^{(21)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{120}^{(10)}m_{102}^{(20)} - m_{000}^{(21)}m_{010}^{(20)}m_{120}^{(20)}m_{111}^{(20)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{120}^{(20)}m_{102}^{(10)}\\
&-3m_{000}^{(21)}m_{010}^{(20)}m_{111}^{(00)}m_{111}^{(21)} - m_{000}^{(21)}m_{010}^{(20)}m_{111}^{(00)}m_{102}^{(11)} - m_{000}^{(21)}m_{010}^{(20)}m_{111}^{(00)}m_{021}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{111}^{(00)}m_{012}^{(10)} + 3m_{000}^{(21)}m_{010}^{(20)}m_{111}^{(10)}m_{111}^{(20)} - m_{000}^{(21)}m_{010}^{(20)}m_{111}^{(10)}m_{102}^{(10)}
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&-m_{000}^{(21)}m_{010}^{(20)}m_{111}^{(10)}m_{012}^{(00)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{111}^{(11)}m_{102}^{(00)} + m_{000}^{(21)}m_{010}^{(20)}m_{111}^{(20)}m_{021}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{102}^{(00)}m_{030}^{(20)} - m_{000}^{(21)}m_{010}^{(20)}m_{102}^{(00)}m_{021}^{(10)} + m_{000}^{(21)}m_{010}^{(20)}m_{102}^{(10)}m_{021}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{102}^{(20)}m_{030}^{(00)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(00)}m_{021}^{(22)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(00)}m_{012}^{(21)}\\
&+4m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(10)}m_{111}^{(22)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(10)}m_{012}^{(20)} - m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(11)}m_{201}^{(22)}\\
&+m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(11)}m_{102}^{(20)} + m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(20)}m_{120}^{(22)} - 4m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(20)}m_{111}^{(21)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(20)}m_{102}^{(11)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(20)}m_{021}^{(20)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(21)}m_{210}^{(22)}\\
&+2m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(22)}m_{210}^{(21)} + m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(22)}m_{201}^{(11)} - m_{000}^{(21)}m_{010}^{(21)}m_{300}^{(22)}m_{120}^{(20)}\\
&-2m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(00)}m_{102}^{(21)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(10)}m_{201}^{(22)} + 4m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(20)}m_{201}^{(21)}\\
&+2m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(20)}m_{102}^{(10)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{210}^{(22)}m_{201}^{(10)} + m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(00)}m_{120}^{(22)}\\
&+m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(00)}m_{102}^{(11)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(00)}m_{021}^{(20)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(00)}m_{012}^{(10)}\\
&-4m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(10)}m_{111}^{(20)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(10)}m_{012}^{(00)} - m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(11)}m_{102}^{(00)}\\
&-2m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(20)}m_{120}^{(20)} + 4m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(20)}m_{111}^{(10)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(20)}m_{021}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(21)}m_{201}^{(22)}m_{120}^{(00)} + m_{000}^{(21)}m_{010}^{(21)}m_{120}^{(00)}m_{102}^{(20)} - m_{000}^{(21)}m_{010}^{(21)}m_{120}^{(20)}m_{102}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(22)}m_{300}^{(00)}m_{030}^{(22)} - m_{000}^{(21)}m_{010}^{(22)}m_{300}^{(00)}m_{021}^{(21)} - 2m_{000}^{(21)}m_{010}^{(22)}m_{300}^{(10)}m_{120}^{(22)}\\
&+m_{000}^{(21)}m_{010}^{(22)}m_{300}^{(10)}m_{021}^{(20)} + m_{000}^{(21)}m_{010}^{(22)}m_{300}^{(11)}m_{210}^{(22)} - m_{000}^{(21)}m_{010}^{(22)}m_{300}^{(11)}m_{111}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(22)}m_{300}^{(20)}m_{120}^{(21)} + m_{000}^{(21)}m_{010}^{(22)}m_{300}^{(20)}m_{111}^{(11)} - m_{000}^{(21)}m_{010}^{(22)}m_{300}^{(20)}m_{030}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(22)}m_{300}^{(21)}m_{120}^{(20)} - m_{000}^{(21)}m_{010}^{(22)}m_{300}^{(22)}m_{210}^{(11)} - m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(00)}m_{120}^{(22)}\\
&+2m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(00)}m_{111}^{(21)} + 2m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(10)}m_{210}^{(22)} + m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(11)}m_{201}^{(20)}\\
&-2m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(20)}m_{210}^{(21)} - m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(20)}m_{201}^{(11)} + m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(20)}m_{120}^{(20)}\\
&-2m_{000}^{(21)}m_{010}^{(22)}m_{210}^{(20)}m_{111}^{(10)} - m_{000}^{(21)}m_{010}^{(22)}m_{201}^{(00)}m_{111}^{(11)} - m_{000}^{(21)}m_{010}^{(22)}m_{201}^{(00)}m_{030}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(22)}m_{201}^{(00)}m_{021}^{(10)} + 2m_{000}^{(21)}m_{010}^{(22)}m_{201}^{(10)}m_{120}^{(20)} - m_{000}^{(21)}m_{010}^{(22)}m_{201}^{(10)}m_{021}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(22)}m_{201}^{(11)}m_{111}^{(00)} - m_{000}^{(21)}m_{010}^{(22)}m_{201}^{(20)}m_{111}^{(10)} + m_{000}^{(21)}m_{010}^{(22)}m_{201}^{(20)}m_{030}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(22)}m_{201}^{(21)}m_{120}^{(00)} - m_{000}^{(21)}m_{010}^{(22)}m_{120}^{(00)}m_{111}^{(20)} + m_{000}^{(21)}m_{010}^{(22)}m_{120}^{(20)}m_{111}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(00)}m_{210}^{(10)}m_{012}^{(21)} - m_{000}^{(21)}m_{001}^{(00)}m_{210}^{(10)}m_{003}^{(11)} - m_{000}^{(21)}m_{001}^{(00)}m_{210}^{(11)}m_{102}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{210}^{(11)}m_{003}^{(10)} - m_{000}^{(21)}m_{001}^{(00)}m_{210}^{(20)}m_{021}^{(21)} + m_{000}^{(21)}m_{001}^{(00)}m_{210}^{(20)}m_{012}^{(11)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{210}^{(21)}m_{111}^{(21)} + m_{000}^{(21)}m_{001}^{(00)}m_{210}^{(21)}m_{102}^{(11)} - 2m_{000}^{(21)}m_{001}^{(00)}m_{210}^{(21)}m_{012}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(00)}m_{210}^{(22)}m_{111}^{(11)} + m_{000}^{(21)}m_{001}^{(00)}m_{210}^{(22)}m_{021}^{(10)} - m_{000}^{(21)}m_{001}^{(00)}m_{201}^{(10)}m_{021}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{201}^{(10)}m_{012}^{(11)} + m_{000}^{(21)}m_{001}^{(00)}m_{201}^{(11)}m_{111}^{(21)} - m_{000}^{(21)}m_{001}^{(00)}m_{201}^{(11)}m_{012}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{201}^{(20)}m_{030}^{(21)} - m_{000}^{(21)}m_{001}^{(00)}m_{201}^{(20)}m_{021}^{(11)} - m_{000}^{(21)}m_{001}^{(00)}m_{201}^{(21)}m_{120}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(00)}m_{201}^{(21)}m_{111}^{(11)} + 2m_{000}^{(21)}m_{001}^{(00)}m_{201}^{(21)}m_{021}^{(10)} + m_{000}^{(21)}m_{001}^{(00)}m_{201}^{(22)}m_{120}^{(11)}\\
&-m_{000}^{(21)}m_{001}^{(00)}m_{201}^{(22)}m_{030}^{(10)} - m_{000}^{(21)}m_{001}^{(00)}m_{120}^{(10)}m_{111}^{(22)} - m_{000}^{(21)}m_{001}^{(00)}m_{120}^{(10)}m_{012}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{120}^{(10)}m_{003}^{(10)} + m_{000}^{(21)}m_{001}^{(00)}m_{120}^{(11)}m_{102}^{(20)} - m_{000}^{(21)}m_{001}^{(00)}m_{120}^{(11)}m_{003}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{120}^{(20)}m_{111}^{(21)} + m_{000}^{(21)}m_{001}^{(00)}m_{120}^{(20)}m_{021}^{(20)} - m_{000}^{(21)}m_{001}^{(00)}m_{120}^{(20)}m_{012}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(00)}m_{120}^{(21)}m_{111}^{(20)} - m_{000}^{(21)}m_{001}^{(00)}m_{120}^{(21)}m_{102}^{(10)} + 2m_{000}^{(21)}m_{001}^{(00)}m_{120}^{(21)}m_{012}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{120}^{(22)}m_{111}^{(10)} - m_{000}^{(21)}m_{001}^{(00)}m_{120}^{(22)}m_{021}^{(00)} + m_{000}^{(21)}m_{001}^{(00)}m_{111}^{(10)}m_{111}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{111}^{(10)}m_{021}^{(20)} - m_{000}^{(21)}m_{001}^{(00)}m_{111}^{(10)}m_{012}^{(10)} - m_{000}^{(21)}m_{001}^{(00)}m_{111}^{(11)}m_{111}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{111}^{(11)}m_{012}^{(00)} - m_{000}^{(21)}m_{001}^{(00)}m_{111}^{(20)}m_{030}^{(20)} + m_{000}^{(21)}m_{001}^{(00)}m_{111}^{(20)}m_{021}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(00)}m_{111}^{(21)}m_{021}^{(00)} + m_{000}^{(21)}m_{001}^{(00)}m_{111}^{(22)}m_{030}^{(00)} - m_{000}^{(21)}m_{001}^{(10)}m_{300}^{(10)}m_{012}^{(21)}
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&+m_{000}^{(21)}m_{001}^{(10)}m_{300}^{(10)}m_{003}^{(11)}+m_{000}^{(21)}m_{001}^{(10)}m_{300}^{(11)}m_{102}^{(21)}-m_{000}^{(21)}m_{001}^{(10)}m_{300}^{(11)}m_{003}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{300}^{(20)}m_{021}^{(21)}-m_{000}^{(21)}m_{001}^{(10)}m_{300}^{(20)}m_{012}^{(11)}-m_{000}^{(21)}m_{001}^{(10)}m_{300}^{(21)}m_{111}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{300}^{(21)}m_{102}^{(11)}+2m_{000}^{(21)}m_{001}^{(10)}m_{300}^{(21)}m_{012}^{(10)}+m_{000}^{(21)}m_{001}^{(10)}m_{300}^{(22)}m_{111}^{(11)}\\
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&+2m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(10)}m_{111}^{(22)}+m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(10)}m_{102}^{(21)}+m_{000}^{(21)}m_{001}^{(10)}m_{210}^{(10)}m_{012}^{(20)}\\
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&+2m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(20)}m_{102}^{(11)}-m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(20)}m_{012}^{(10)}-m_{000}^{(21)}m_{001}^{(11)}m_{300}^{(21)}m_{102}^{(10)}\\
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&+m_{000}^{(21)}m_{001}^{(11)}m_{210}^{(10)}m_{102}^{(20)}-m_{000}^{(21)}m_{001}^{(11)}m_{210}^{(10)}m_{003}^{(00)}-2m_{000}^{(21)}m_{001}^{(11)}m_{210}^{(20)}m_{102}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{210}^{(20)}m_{012}^{(00)}+m_{000}^{(21)}m_{001}^{(11)}m_{210}^{(21)}m_{102}^{(00)}+m_{000}^{(21)}m_{001}^{(11)}m_{210}^{(22)}m_{201}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{210}^{(22)}m_{111}^{(00)}-2m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(00)}m_{111}^{(21)}+m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(00)}m_{102}^{(11)}\\
&+2m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(10)}m_{201}^{(21)}+2m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(10)}m_{111}^{(20)}-m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(10)}m_{102}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(11)}m_{201}^{(11)}m_{201}^{(20)}-m_{000}^{(21)}m_{001}^{(11)}m_{111}^{(00)}m_{102}^{(10)}+m_{000}^{(21)}m_{001}^{(11)}m_{111}^{(10)}m_{102}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(10)}m_{021}^{(21)}-m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(10)}m_{012}^{(11)}-m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(11)}m_{111}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(11)}m_{012}^{(10)}-m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(20)}m_{030}^{(21)}+m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(20)}m_{021}^{(11)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(21)}m_{120}^{(21)}+m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(21)}m_{111}^{(11)}-2m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(21)}m_{021}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(22)}m_{120}^{(11)}+m_{000}^{(21)}m_{001}^{(20)}m_{300}^{(22)}m_{030}^{(10)}+m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(00)}m_{021}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(00)}m_{012}^{(11)}-m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(10)}m_{120}^{(22)}-4m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(10)}m_{111}^{(21)}\\
&+2m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(10)}m_{102}^{(11)}-m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(10)}m_{021}^{(20)}+2m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(10)}m_{012}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(11)}m_{210}^{(22)}+3m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(11)}m_{201}^{(21)}+m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(11)}m_{111}^{(20)}\\
&-2m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(11)}m_{102}^{(10)}-m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(11)}m_{012}^{(00)}+2m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(20)}m_{120}^{(21)}
\end{aligned}
$$

$$+m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(20)}m_{111}^{(11)}+m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(20)}m_{030}^{(20)}-2m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(20)}m_{021}^{(10)}$$
$$-m_{000}^{(21)}m_{001}^{(20)}(m_{210}^{(21)})^2-3m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(21)}m_{201}^{(11)}-m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(21)}m_{120}^{(20)}$$
$$+2m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(21)}m_{111}^{(10)}+2m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(21)}m_{021}^{(00)}-m_{000}^{(21)}m_{001}^{(20)}m_{210}^{(22)}m_{030}^{(00)}$$
$$-m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(00)}m_{030}^{(21)}+m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(00)}m_{021}^{(11)}+4m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(10)}m_{120}^{(21)}$$
$$-m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(10)}m_{111}^{(11)}-m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(10)}m_{021}^{(10)}+m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(11)}m_{111}^{(10)}$$
$$-3m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(20)}m_{120}^{(11)}+m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(20)}m_{030}^{(10)}-m_{000}^{(21)}m_{001}^{(20)}m_{201}^{(21)}m_{120}^{(10)}$$
$$+m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(00)}m_{120}^{(22)}+m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(00)}m_{111}^{(21)}-m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(00)}m_{021}^{(20)}$$
$$+m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(00)}m_{012}^{(10)}+4m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(10)}m_{111}^{(20)}-2m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(10)}m_{102}^{(10)}$$
$$-m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(10)}m_{012}^{(00)}+2m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(11)}m_{102}^{(00)}-m_{000}^{(21)}m_{001}^{(20)}(m_{120}^{(20)})^2$$
$$-2m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(20)}m_{111}^{(10)}+m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(20)}m_{021}^{(00)}-3m_{000}^{(21)}m_{001}^{(20)}m_{120}^{(21)}m_{111}^{(00)}$$
$$-m_{000}^{(21)}m_{001}^{(20)}m_{111}^{(00)}m_{111}^{(11)}+m_{000}^{(21)}m_{001}^{(20)}m_{111}^{(00)}m_{030}^{(20)}-m_{000}^{(21)}m_{001}^{(20)}m_{111}^{(00)}m_{021}^{(10)}$$
$$+m_{000}^{(21)}m_{001}^{(20)}(m_{111}^{(10)})^2+m_{000}^{(21)}m_{001}^{(20)}m_{111}^{(10)}m_{021}^{(00)}-m_{000}^{(21)}m_{001}^{(20)}m_{111}^{(20)}m_{030}^{(00)}$$
$$-2m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(00)}m_{021}^{(21)}+2m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(00)}m_{012}^{(11)}+m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(10)}m_{120}^{(22)}$$
$$+4m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(10)}m_{111}^{(21)}-m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(10)}m_{102}^{(11)}-2m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(10)}m_{012}^{(10)}$$
$$-m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(11)}m_{210}^{(22)}-2m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(11)}m_{201}^{(21)}+m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(11)}m_{102}^{(10)}$$
$$-4m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(20)}m_{111}^{(11)}+2m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(20)}m_{021}^{(10)}+2m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(21)}m_{201}^{(11)}$$
$$+m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(22)}m_{210}^{(11)}-m_{000}^{(21)}m_{001}^{(21)}m_{300}^{(22)}m_{120}^{(10)}-m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(00)}m_{120}^{(22)}$$
$$-m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(00)}m_{102}^{(11)}+2m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(00)}m_{021}^{(20)}-2m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(00)}m_{012}^{(10)}$$
$$-4m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(10)}m_{111}^{(20)}+2m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(10)}m_{102}^{(10)}+2m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(10)}m_{012}^{(00)}$$
$$+2m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(11)}m_{201}^{(20)}-m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(11)}m_{102}^{(00)}+2m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(20)}m_{201}^{(11)}$$
$$+4m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(20)}m_{111}^{(10)}-2m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(20)}m_{021}^{(00)}-4m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(21)}m_{201}^{(10)}$$
$$+m_{000}^{(21)}m_{001}^{(21)}m_{210}^{(22)}m_{120}^{(00)}+2m_{000}^{(21)}m_{001}^{(21)}m_{201}^{(00)}m_{120}^{(21)}-2m_{000}^{(21)}m_{001}^{(21)}m_{201}^{(10)}m_{120}^{(20)}$$
$$+m_{000}^{(21)}m_{001}^{(21)}m_{120}^{(00)}m_{102}^{(10)}-m_{000}^{(21)}m_{001}^{(21)}m_{120}^{(10)}m_{102}^{(00)}+m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(00)}m_{030}^{(21)}$$
$$-m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(00)}m_{021}^{(11)}-3m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(10)}m_{120}^{(21)}+m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(10)}m_{111}^{(11)}$$
$$+m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(10)}m_{021}^{(10)}+2m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(11)}m_{210}^{(21)}-m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(11)}m_{111}^{(10)}$$
$$+2m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(20)}m_{120}^{(11)}-m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(20)}m_{030}^{(10)}-2m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(21)}m_{210}^{(11)}$$
$$+m_{000}^{(21)}m_{001}^{(22)}m_{300}^{(21)}m_{120}^{(10)}+m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(00)}m_{111}^{(11)}-m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(00)}m_{030}^{(20)}$$
$$+m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(00)}m_{021}^{(10)}+2m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(10)}m_{210}^{(21)}-m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(10)}m_{201}^{(11)}$$
$$+3m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(10)}m_{120}^{(20)}-2m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(10)}m_{111}^{(10)}-m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(10)}m_{021}^{(00)}$$
$$-2m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(11)}m_{210}^{(20)}+m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(11)}m_{201}^{(10)}+m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(11)}m_{111}^{(00)}$$
$$-2m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(20)}m_{120}^{(10)}+m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(20)}m_{030}^{(00)}-m_{000}^{(21)}m_{001}^{(22)}m_{210}^{(21)}m_{120}^{(00)}$$
$$-m_{000}^{(21)}m_{001}^{(22)}m_{201}^{(00)}m_{120}^{(11)}+m_{000}^{(21)}m_{001}^{(22)}m_{201}^{(10)}m_{120}^{(10)}-m_{000}^{(21)}m_{001}^{(22)}m_{120}^{(00)}m_{111}^{(10)}$$
$$+m_{000}^{(21)}m_{001}^{(22)}m_{120}^{(10)}m_{111}^{(00)}-m_{000}^{(22)}m_{100}^{(00)}m_{120}^{(10)}m_{021}^{(22)}+m_{000}^{(22)}m_{100}^{(00)}m_{120}^{(10)}m_{012}^{(21)}$$
$$-m_{000}^{(22)}m_{100}^{(00)}m_{120}^{(10)}m_{003}^{(11)}+m_{000}^{(22)}m_{100}^{(00)}m_{120}^{(11)}m_{111}^{(22)}-m_{000}^{(22)}m_{100}^{(00)}m_{120}^{(11)}m_{102}^{(21)}$$
$$+m_{000}^{(22)}m_{100}^{(00)}m_{120}^{(11)}m_{003}^{(10)}+m_{000}^{(22)}m_{100}^{(00)}m_{120}^{(20)}m_{012}^{(11)}+m_{000}^{(22)}m_{100}^{(00)}m_{120}^{(21)}m_{102}^{(11)}$$
$$-2m_{000}^{(22)}m_{100}^{(00)}m_{120}^{(21)}m_{012}^{(10)}-m_{000}^{(22)}m_{100}^{(00)}m_{120}^{(22)}m_{111}^{(11)}+m_{000}^{(22)}m_{100}^{(00)}m_{120}^{(22)}m_{021}^{(10)}$$
$$+m_{000}^{(22)}m_{100}^{(00)}m_{111}^{(10)}m_{030}^{(22)}+m_{000}^{(22)}m_{100}^{(00)}m_{111}^{(10)}m_{012}^{(11)}-m_{000}^{(22)}m_{100}^{(00)}m_{111}^{(11)}m_{012}^{(10)}$$
$$-2m_{000}^{(22)}m_{100}^{(00)}m_{111}^{(20)}m_{021}^{(11)}+2m_{000}^{(22)}m_{100}^{(00)}m_{111}^{(21)}m_{021}^{(10)}-m_{000}^{(22)}m_{100}^{(00)}m_{111}^{(22)}m_{030}^{(10)}$$

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\begin{aligned}
&-m_{000}^{(22)}m_{100}^{(00)}m_{102}^{(10)}m_{030}^{(21)}+m_{000}^{(22)}m_{100}^{(00)}m_{102}^{(20)}m_{030}^{(11)}+m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(00)}m_{021}^{(22)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{030}^{(10)}m_{012}^{(20)}+m_{000}^{(22)}m_{100}^{(00)}m_{030}^{(10)}m_{003}^{(10)}-m_{000}^{(22)}m_{100}^{(00)}m_{030}^{(11)}m_{003}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{030}^{(20)}m_{012}^{(10)}+2m_{000}^{(22)}m_{100}^{(00)}m_{030}^{(21)}m_{012}^{(00)}-m_{000}^{(22)}m_{100}^{(00)}m_{030}^{(22)}m_{021}^{(00)}\\
&-2m_{000}^{(22)}m_{100}^{(00)}m_{021}^{(00)}m_{021}^{(21)}+2m_{000}^{(22)}m_{100}^{(00)}m_{021}^{(10)}m_{021}^{(20)}-m_{000}^{(22)}m_{100}^{(00)}m_{021}^{(10)}m_{012}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{021}^{(11)}m_{012}^{(00)}+2m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(10)}m_{021}^{(22)}-m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(10)}m_{012}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(10)}m_{003}^{(11)}-2m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(11)}m_{111}^{(22)}+m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(11)}m_{102}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(11)}m_{003}^{(10)}-m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(20)}m_{021}^{(21)}-m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(20)}m_{012}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(21)}m_{111}^{(21)}-m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(21)}m_{102}^{(11)}+2m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(21)}m_{012}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(22)}m_{111}^{(11)}-m_{000}^{(22)}m_{100}^{(10)}m_{210}^{(22)}m_{021}^{(10)}-m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(10)}m_{030}^{(22)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(10)}m_{021}^{(21)}+m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(11)}m_{120}^{(22)}+m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(11)}m_{111}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(20)}m_{030}^{(21)}+m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(20)}m_{021}^{(11)}-m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(21)}m_{120}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{201}^{(21)}m_{111}^{(11)}-2m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(00)}m_{021}^{(22)}-m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(00)}m_{012}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(00)}m_{003}^{(11)}+2m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(10)}m_{111}^{(22)}+m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(10)}m_{102}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(10)}m_{012}^{(20)}-2m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(10)}m_{003}^{(10)}-m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(11)}m_{102}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(11)}m_{003}^{(00)}+m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(20)}m_{111}^{(21)}-2m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(20)}m_{102}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(20)}m_{021}^{(20)}+2m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(20)}m_{012}^{(10)}-m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(21)}m_{111}^{(20)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(21)}m_{102}^{(10)}-2m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(21)}m_{012}^{(00)}-2m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(22)}m_{111}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{120}^{(22)}m_{021}^{(00)}+m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(00)}m_{030}^{(22)}+4m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(00)}m_{021}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(00)}m_{012}^{(11)}-3m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(10)}m_{111}^{(21)}-m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(10)}m_{102}^{(11)}\\
&-3m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(10)}m_{021}^{(20)}+m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(10)}m_{012}^{(10)}+3m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(11)}m_{111}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(11)}m_{102}^{(10)}-m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(20)}m_{030}^{(20)}-m_{000}^{(22)}m_{100}^{(10)}m_{111}^{(20)}m_{021}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{102}^{(00)}m_{030}^{(21)}-m_{000}^{(22)}m_{100}^{(10)}m_{102}^{(00)}m_{021}^{(11)}+2m_{000}^{(22)}m_{100}^{(10)}m_{102}^{(10)}m_{030}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{102}^{(10)}m_{021}^{(10)}-m_{000}^{(22)}m_{100}^{(10)}m_{102}^{(20)}m_{030}^{(10)}+m_{000}^{(22)}m_{100}^{(10)}m_{030}^{(00)}m_{012}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{030}^{(00)}m_{003}^{(10)}+m_{000}^{(22)}m_{100}^{(10)}m_{030}^{(10)}m_{003}^{(00)}-m_{000}^{(22)}m_{100}^{(10)}m_{030}^{(20)}m_{012}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{021}^{(00)}m_{012}^{(10)}-m_{000}^{(22)}m_{100}^{(10)}m_{021}^{(10)}m_{012}^{(00)}-m_{000}^{(22)}m_{100}^{(11)}m_{300}^{(10)}m_{021}^{(22)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{300}^{(11)}m_{111}^{(22)}+m_{000}^{(22)}m_{100}^{(11)}m_{300}^{(20)}m_{021}^{(21)}-m_{000}^{(22)}m_{100}^{(11)}m_{300}^{(21)}m_{111}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(00)}m_{021}^{(22)}+m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(00)}m_{012}^{(21)}-m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(00)}m_{003}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(10)}m_{111}^{(22)}-m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(10)}m_{102}^{(21)}+m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(10)}m_{003}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(20)}m_{111}^{(21)}+2m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(20)}m_{102}^{(11)}-m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(20)}m_{021}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(20)}m_{012}^{(10)}+m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(21)}m_{201}^{(21)}+m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(21)}m_{111}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(21)}m_{102}^{(10)}-m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(22)}m_{201}^{(11)}+m_{000}^{(22)}m_{100}^{(11)}m_{210}^{(22)}m_{111}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{201}^{(00)}m_{021}^{(21)}+m_{000}^{(22)}m_{100}^{(11)}m_{201}^{(10)}m_{120}^{(22)}+m_{000}^{(22)}m_{100}^{(11)}m_{201}^{(10)}m_{111}^{(21)}\\
&+2m_{000}^{(22)}m_{100}^{(11)}m_{201}^{(10)}m_{021}^{(20)}-2m_{000}^{(22)}m_{100}^{(11)}m_{201}^{(11)}m_{111}^{(20)}-m_{000}^{(22)}m_{100}^{(11)}m_{201}^{(20)}m_{120}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{201}^{(20)}m_{021}^{(10)}+m_{000}^{(22)}m_{100}^{(11)}m_{201}^{(21)}m_{111}^{(10)}-m_{000}^{(22)}m_{100}^{(11)}m_{120}^{(00)}m_{012}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{120}^{(00)}m_{003}^{(10)}+m_{000}^{(22)}m_{100}^{(11)}m_{120}^{(10)}m_{102}^{(20)}-m_{000}^{(22)}m_{100}^{(11)}m_{120}^{(10)}m_{003}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{120}^{(20)}m_{111}^{(20)}-2m_{000}^{(22)}m_{100}^{(11)}m_{120}^{(20)}m_{102}^{(10)}+m_{000}^{(22)}m_{100}^{(11)}m_{120}^{(20)}m_{012}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{120}^{(21)}m_{102}^{(00)}-m_{000}^{(22)}m_{100}^{(11)}m_{120}^{(22)}m_{111}^{(00)}-m_{000}^{(22)}m_{100}^{(11)}m_{111}^{(00)}m_{111}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{111}^{(00)}m_{102}^{(11)}-m_{000}^{(22)}m_{100}^{(11)}m_{111}^{(00)}m_{021}^{(20)}+m_{000}^{(22)}m_{100}^{(11)}m_{111}^{(10)}m_{111}^{(20)}
\end{aligned}
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\begin{aligned}
&-m_{000}^{(22)}m_{100}^{(11)}m_{111}^{(10)}m_{102}^{(10)}+m_{000}^{(22)}m_{100}^{(11)}m_{111}^{(20)}m_{021}^{(00)}+m_{000}^{(22)}m_{100}^{(11)}m_{102}^{(00)}m_{021}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{102}^{(10)}m_{021}^{(00)}-m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(10)}m_{030}^{(22)}-m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(10)}m_{012}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(11)}m_{120}^{(22)}+m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(11)}m_{012}^{(10)}+2m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(20)}m_{021}^{(11)}\\
&-2m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(21)}m_{021}^{(10)}-m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(22)}m_{120}^{(11)}+m_{000}^{(22)}m_{100}^{(20)}m_{210}^{(22)}m_{030}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{201}^{(10)}m_{030}^{(21)}-2m_{000}^{(22)}m_{100}^{(20)}m_{201}^{(11)}m_{120}^{(21)}-2m_{000}^{(22)}m_{100}^{(20)}m_{201}^{(20)}m_{030}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{201}^{(21)}m_{120}^{(11)}+m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(00)}m_{030}^{(22)}+2m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(00)}m_{021}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(00)}m_{012}^{(11)}-4m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(10)}m_{111}^{(21)}+2m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(10)}m_{102}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(10)}m_{012}^{(10)}-2m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(11)}m_{102}^{(10)}-m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(11)}m_{012}^{(00)}\\
&-4m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(20)}m_{021}^{(10)}+4m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(21)}m_{111}^{(10)}+2m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(21)}m_{021}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{120}^{(22)}m_{030}^{(00)}-4m_{000}^{(22)}m_{100}^{(20)}m_{111}^{(00)}m_{030}^{(21)}+4m_{000}^{(22)}m_{100}^{(20)}m_{111}^{(20)}m_{030}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{102}^{(00)}m_{030}^{(11)}-2m_{000}^{(22)}m_{100}^{(20)}m_{102}^{(10)}m_{030}^{(10)}-2m_{000}^{(22)}m_{100}^{(20)}m_{030}^{(00)}m_{021}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{030}^{(00)}m_{012}^{(10)}-m_{000}^{(22)}m_{100}^{(20)}m_{030}^{(10)}m_{012}^{(00)}+2m_{000}^{(22)}m_{100}^{(20)}m_{030}^{(20)}m_{021}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{300}^{(10)}m_{030}^{(22)}+m_{000}^{(22)}m_{100}^{(21)}m_{300}^{(10)}m_{021}^{(21)}-m_{000}^{(22)}m_{100}^{(21)}m_{300}^{(11)}m_{120}^{(22)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{300}^{(11)}m_{111}^{(21)}-m_{000}^{(22)}m_{100}^{(21)}m_{300}^{(20)}m_{030}^{(21)}-m_{000}^{(22)}m_{100}^{(21)}m_{300}^{(20)}m_{021}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{300}^{(21)}m_{120}^{(21)}+m_{000}^{(22)}m_{100}^{(21)}m_{300}^{(21)}m_{111}^{(11)}-m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(00)}m_{030}^{(22)}\\
&-3m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(00)}m_{021}^{(21)}+2m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(00)}m_{012}^{(11)}+4m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(10)}m_{111}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(10)}m_{102}^{(11)}-m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(10)}m_{021}^{(20)}-2m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(10)}m_{012}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(11)}m_{210}^{(22)}-m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(11)}m_{201}^{(21)}+m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(11)}m_{111}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(11)}m_{102}^{(10)}+2m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(20)}m_{120}^{(21)}-3m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(20)}m_{111}^{(11)}\\
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&+m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(21)}m_{201}^{(11)}-m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(21)}m_{120}^{(20)}-2m_{000}^{(22)}m_{100}^{(21)}m_{210}^{(21)}m_{111}^{(10)}\\
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&+m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(00)}m_{120}^{(22)}+m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(00)}m_{111}^{(21)}-m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(00)}m_{102}^{(11)}\\
&+3m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(00)}m_{021}^{(20)}-2m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(00)}m_{012}^{(10)}-4m_{000}^{(22)}m_{100}^{(21)}m_{120}^{(10)}m_{111}^{(20)}\\
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&-m_{000}^{(22)}m_{100}^{(21)}m_{111}^{(20)}m_{030}^{(00)}-m_{000}^{(22)}m_{100}^{(21)}m_{102}^{(00)}m_{030}^{(10)}+m_{000}^{(22)}m_{100}^{(21)}m_{102}^{(10)}m_{030}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(22)}m_{300}^{(10)}m_{030}^{(21)}+m_{000}^{(22)}m_{100}^{(22)}m_{300}^{(11)}m_{120}^{(21)}+m_{000}^{(22)}m_{100}^{(22)}m_{300}^{(20)}m_{030}^{(11)}\\
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&-2m_{000}^{(22)}m_{100}^{(22)}m_{210}^{(10)}m_{120}^{(21)}+m_{000}^{(22)}m_{100}^{(22)}m_{210}^{(10)}m_{111}^{(11)}+m_{000}^{(22)}m_{100}^{(22)}m_{210}^{(10)}m_{030}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(22)}m_{210}^{(10)}m_{021}^{(10)}-m_{000}^{(22)}m_{100}^{(22)}m_{210}^{(11)}m_{120}^{(20)}-m_{000}^{(22)}m_{100}^{(22)}m_{210}^{(11)}m_{111}^{(10)}\\
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&+m_{000}^{(22)}m_{100}^{(22)}m_{201}^{(10)}m_{120}^{(11)}+m_{000}^{(22)}m_{100}^{(22)}m_{201}^{(10)}m_{030}^{(10)}-m_{000}^{(22)}m_{100}^{(22)}m_{201}^{(11)}m_{120}^{(10)}
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&-2m_{000}^{(22)}m_{100}^{(22)}m_{120}^{(00)}m_{120}^{(21)} + m_{000}^{(22)}m_{100}^{(22)}m_{120}^{(00)}m_{111}^{(11)} - 2m_{000}^{(22)}m_{100}^{(22)}m_{120}^{(00)}m_{030}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(22)}m_{120}^{(00)}m_{021}^{(10)} + 2m_{000}^{(22)}m_{100}^{(22)}m_{120}^{(10)}m_{120}^{(20)} - 2m_{000}^{(22)}m_{100}^{(22)}m_{120}^{(10)}m_{111}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(22)}m_{120}^{(10)}m_{021}^{(00)} + m_{000}^{(22)}m_{100}^{(22)}m_{120}^{(11)}m_{111}^{(00)} + 2m_{000}^{(22)}m_{100}^{(22)}m_{120}^{(20)}m_{030}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(22)}m_{111}^{(00)}m_{030}^{(10)} - m_{000}^{(22)}m_{100}^{(22)}m_{111}^{(10)}m_{030}^{(00)} - m_{000}^{(22)}m_{010}^{(00)}m_{210}^{(10)}m_{012}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{210}^{(10)}m_{003}^{(11)} + m_{000}^{(22)}m_{010}^{(00)}m_{210}^{(11)}m_{102}^{(21)} - m_{000}^{(22)}m_{010}^{(00)}m_{210}^{(11)}m_{003}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{210}^{(20)}m_{021}^{(21)} - m_{000}^{(22)}m_{010}^{(00)}m_{210}^{(20)}m_{012}^{(11)} - m_{000}^{(22)}m_{010}^{(00)}m_{210}^{(21)}m_{111}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{210}^{(21)}m_{102}^{(11)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{210}^{(21)}m_{012}^{(10)} + m_{000}^{(22)}m_{010}^{(00)}m_{210}^{(22)}m_{111}^{(11)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{210}^{(22)}m_{021}^{(10)} + m_{000}^{(22)}m_{010}^{(00)}m_{201}^{(10)}m_{021}^{(21)} - m_{000}^{(22)}m_{010}^{(00)}m_{201}^{(10)}m_{012}^{(11)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{201}^{(11)}m_{111}^{(21)} + m_{000}^{(22)}m_{010}^{(00)}m_{201}^{(11)}m_{012}^{(10)} - m_{000}^{(22)}m_{010}^{(00)}m_{201}^{(20)}m_{030}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{201}^{(20)}m_{021}^{(11)} + m_{000}^{(22)}m_{010}^{(00)}m_{201}^{(21)}m_{120}^{(21)} + m_{000}^{(22)}m_{010}^{(00)}m_{201}^{(21)}m_{111}^{(11)}\\
&-2m_{000}^{(22)}m_{010}^{(00)}m_{201}^{(21)}m_{021}^{(10)} - m_{000}^{(22)}m_{010}^{(00)}m_{201}^{(22)}m_{120}^{(11)} + m_{000}^{(22)}m_{010}^{(00)}m_{201}^{(22)}m_{030}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(10)}m_{111}^{(22)} + m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(10)}m_{012}^{(20)} - m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(10)}m_{003}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(11)}m_{102}^{(20)} + m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(11)}m_{003}^{(00)} - m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(20)}m_{111}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(20)}m_{021}^{(20)} + m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(20)}m_{012}^{(10)} + m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(21)}m_{111}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(21)}m_{102}^{(10)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(21)}m_{012}^{(00)} - m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(22)}m_{111}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{120}^{(22)}m_{021}^{(00)} - m_{000}^{(22)}m_{010}^{(00)}m_{111}^{(10)}m_{111}^{(21)} - m_{000}^{(22)}m_{010}^{(00)}m_{111}^{(10)}m_{021}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{111}^{(10)}m_{012}^{(10)} + m_{000}^{(22)}m_{010}^{(00)}m_{111}^{(11)}m_{111}^{(20)} - m_{000}^{(22)}m_{010}^{(00)}m_{111}^{(11)}m_{012}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{111}^{(20)}m_{030}^{(20)} - m_{000}^{(22)}m_{010}^{(00)}m_{111}^{(20)}m_{021}^{(10)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{111}^{(21)}m_{021}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{111}^{(22)}m_{030}^{(00)} + m_{000}^{(22)}m_{010}^{(10)}m_{300}^{(10)}m_{012}^{(21)} - m_{000}^{(22)}m_{010}^{(10)}m_{300}^{(10)}m_{003}^{(11)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{300}^{(11)}m_{102}^{(21)} + m_{000}^{(22)}m_{010}^{(10)}m_{300}^{(11)}m_{003}^{(10)} - m_{000}^{(22)}m_{010}^{(10)}m_{300}^{(20)}m_{021}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{300}^{(20)}m_{012}^{(11)} + m_{000}^{(22)}m_{010}^{(10)}m_{300}^{(21)}m_{111}^{(21)} + m_{000}^{(22)}m_{010}^{(10)}m_{300}^{(21)}m_{102}^{(11)}\\
&-2m_{000}^{(22)}m_{010}^{(10)}m_{300}^{(21)}m_{012}^{(10)} - m_{000}^{(22)}m_{010}^{(10)}m_{300}^{(22)}m_{111}^{(11)} + m_{000}^{(22)}m_{010}^{(10)}m_{300}^{(22)}m_{021}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(00)}m_{012}^{(21)} - m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(00)}m_{003}^{(11)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(10)}m_{111}^{(22)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(10)}m_{102}^{(21)} - m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(10)}m_{012}^{(20)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(10)}m_{003}^{(10)}\\
&+2m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(11)}m_{201}^{(22)} + m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(11)}m_{102}^{(20)} - m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(11)}m_{003}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(20)}m_{111}^{(21)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(20)}m_{102}^{(11)} + m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(20)}m_{021}^{(20)}\\
&-2m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(20)}m_{012}^{(10)} - m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(21)}m_{201}^{(21)} - m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(21)}m_{111}^{(20)}\\
&-2m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(21)}m_{102}^{(10)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(21)}m_{012}^{(00)} - m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(22)}m_{201}^{(11)}\\
&+2m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(22)}m_{111}^{(10)} - m_{000}^{(22)}m_{010}^{(10)}m_{210}^{(22)}m_{021}^{(00)} - m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(00)}m_{021}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(00)}m_{012}^{(11)} + m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(10)}m_{120}^{(22)} + m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(10)}m_{111}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(10)}m_{102}^{(11)} - m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(10)}m_{012}^{(10)} - m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(11)}m_{102}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(20)}m_{120}^{(21)} - 4m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(20)}m_{111}^{(11)} + m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(20)}m_{021}^{(10)}\\
&+3m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(21)}m_{111}^{(10)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{201}^{(22)}m_{120}^{(10)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{120}^{(00)}m_{111}^{(22)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{120}^{(00)}m_{012}^{(20)} + m_{000}^{(22)}m_{010}^{(10)}m_{120}^{(00)}m_{003}^{(10)} + m_{000}^{(22)}m_{010}^{(10)}m_{120}^{(10)}m_{102}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{120}^{(10)}m_{003}^{(00)} - m_{000}^{(22)}m_{010}^{(10)}m_{120}^{(20)}m_{111}^{(20)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{120}^{(20)}m_{102}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{120}^{(20)}m_{012}^{(00)} + m_{000}^{(22)}m_{010}^{(10)}m_{120}^{(21)}m_{102}^{(00)} - m_{000}^{(22)}m_{010}^{(10)}m_{120}^{(22)}m_{111}^{(00)}\\
&-3m_{000}^{(22)}m_{010}^{(10)}m_{111}^{(00)}m_{111}^{(21)} + m_{000}^{(22)}m_{010}^{(10)}m_{111}^{(00)}m_{021}^{(20)} - m_{000}^{(22)}m_{010}^{(10)}m_{111}^{(00)}m_{012}^{(10)}\\
&+3m_{000}^{(22)}m_{010}^{(10)}m_{111}^{(10)}m_{111}^{(20)} - m_{000}^{(22)}m_{010}^{(10)}m_{111}^{(10)}m_{102}^{(10)} + m_{000}^{(22)}m_{010}^{(10)}m_{111}^{(10)}m_{012}^{(00)}
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&+m_{000}^{(22)}m_{010}^{(10)}m_{111}^{(11)}m_{102}^{(00)} - m_{000}^{(22)}m_{010}^{(10)}m_{111}^{(20)}m_{021}^{(00)} - m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(00)}m_{012}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(00)}m_{003}^{(11)} + m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(10)}m_{111}^{(22)} + m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(10)}m_{102}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(10)}m_{003}^{(10)} - m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(11)}m_{201}^{(22)} - 2m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(20)}m_{102}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(20)}m_{012}^{(10)} + m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(21)}m_{102}^{(10)} + m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(22)}m_{201}^{(11)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{300}^{(22)}m_{111}^{(10)} - m_{000}^{(22)}m_{010}^{(11)}m_{210}^{(00)}m_{111}^{(22)} + m_{000}^{(22)}m_{010}^{(11)}m_{210}^{(00)}m_{012}^{(20)}\\
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&+m_{000}^{(22)}m_{010}^{(11)}m_{210}^{(10)}m_{003}^{(00)} + 2m_{000}^{(22)}m_{010}^{(11)}m_{210}^{(20)}m_{102}^{(10)} - m_{000}^{(22)}m_{010}^{(11)}m_{210}^{(20)}m_{012}^{(00)}\\
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&+2m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(00)}m_{111}^{(21)} - m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(00)}m_{102}^{(11)} - 2m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(10)}m_{201}^{(21)}\\
&-2m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(10)}m_{111}^{(20)} + m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(10)}m_{102}^{(10)} + 2m_{000}^{(22)}m_{010}^{(11)}m_{201}^{(11)}m_{201}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{111}^{(00)}m_{102}^{(10)} - m_{000}^{(22)}m_{010}^{(11)}m_{111}^{(10)}m_{102}^{(00)} - m_{000}^{(22)}m_{010}^{(20)}m_{300}^{(10)}m_{021}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{300}^{(10)}m_{012}^{(11)} + m_{000}^{(22)}m_{010}^{(20)}m_{300}^{(11)}m_{111}^{(21)} - m_{000}^{(22)}m_{010}^{(20)}m_{300}^{(11)}m_{012}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{300}^{(20)}m_{030}^{(21)} - m_{000}^{(22)}m_{010}^{(20)}m_{300}^{(20)}m_{021}^{(11)} - m_{000}^{(22)}m_{010}^{(20)}m_{300}^{(21)}m_{120}^{(21)}\\
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&+m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(10)}m_{021}^{(20)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(10)}m_{012}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(11)}m_{210}^{(22)}\\
&-3m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(11)}m_{201}^{(21)} - m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(11)}m_{111}^{(20)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(11)}m_{102}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(11)}m_{012}^{(00)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(20)}m_{120}^{(21)} - m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(20)}m_{111}^{(11)}\\
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&+3m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(21)}m_{201}^{(11)} + m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(21)}m_{120}^{(20)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{210}^{(21)}m_{111}^{(10)}\\
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&-m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(00)}m_{021}^{(11)} - 4m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(10)}m_{120}^{(21)} + m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(10)}m_{111}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(10)}m_{021}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(11)}m_{111}^{(10)} + 3m_{000}^{(22)}m_{010}^{(20)}m_{201}^{(20)}m_{120}^{(11)}\\
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&-m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(00)}m_{111}^{(21)} + m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(00)}m_{021}^{(20)} - m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(00)}m_{012}^{(10)}\\
&-4m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(10)}m_{111}^{(20)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(10)}m_{102}^{(10)} + m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(10)}m_{012}^{(00)}\\
&-2m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(11)}m_{102}^{(00)} + m_{000}^{(22)}m_{010}^{(20)}(m_{120}^{(20)})^2 + 2m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(20)}m_{111}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(20)}m_{021}^{(00)} + 3m_{000}^{(22)}m_{010}^{(20)}m_{120}^{(21)}m_{111}^{(00)} + m_{000}^{(22)}m_{010}^{(20)}m_{111}^{(00)}m_{111}^{(11)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{111}^{(00)}m_{030}^{(20)} + m_{000}^{(22)}m_{010}^{(20)}m_{111}^{(00)}m_{021}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}(m_{111}^{(10)})^2\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{111}^{(10)}m_{021}^{(00)} + m_{000}^{(22)}m_{010}^{(20)}m_{111}^{(20)}m_{030}^{(00)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(00)}m_{021}^{(21)}\\
&-2m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(00)}m_{012}^{(11)} - m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(10)}m_{120}^{(22)} - 4m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(10)}m_{111}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(10)}m_{102}^{(11)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(10)}m_{012}^{(10)} + m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(11)}m_{210}^{(22)}\\
&+2m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(11)}m_{201}^{(21)} - m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(11)}m_{102}^{(10)} + 4m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(20)}m_{111}^{(11)}\\
&-2m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(20)}m_{021}^{(10)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(21)}m_{201}^{(11)} - m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(22)}m_{210}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{300}^{(22)}m_{120}^{(10)} + m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(00)}m_{120}^{(22)} + m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(00)}m_{102}^{(11)}\\
&-2m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(00)}m_{021}^{(20)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(00)}m_{012}^{(10)} + 4m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(10)}m_{111}^{(20)}\\
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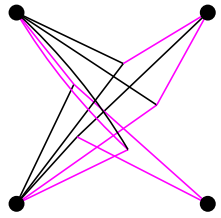
&+m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(11)}m_{102}^{(00)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(20)}m_{201}^{(11)} - 4m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(20)}m_{111}^{(10)}\\
&+2m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(20)}m_{021}^{(00)} + 4m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(21)}m_{201}^{(10)} - m_{000}^{(22)}m_{010}^{(21)}m_{210}^{(22)}m_{120}^{(00)}\\
&-2m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(00)}m_{120}^{(21)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{201}^{(10)}m_{120}^{(20)} - m_{000}^{(22)}m_{010}^{(21)}m_{120}^{(00)}m_{102}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{120}^{(10)}m_{102}^{(00)} - m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(00)}m_{030}^{(21)} + m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(00)}m_{021}^{(11)}\\
&+3m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(10)}m_{120}^{(21)} - m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(10)}m_{111}^{(11)} - m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(10)}m_{021}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(11)}m_{210}^{(21)} + m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(11)}m_{111}^{(10)} - 2m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(20)}m_{120}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(20)}m_{030}^{(10)} + 2m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(21)}m_{210}^{(11)} - m_{000}^{(22)}m_{010}^{(22)}m_{300}^{(21)}m_{120}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(00)}m_{111}^{(11)} + m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(00)}m_{030}^{(20)} - m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(00)}m_{021}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(10)}m_{210}^{(21)} + m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(10)}m_{201}^{(11)} - 3m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(10)}m_{120}^{(20)}\\
&+2m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(10)}m_{111}^{(10)} + m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(10)}m_{021}^{(00)} + 2m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(11)}m_{210}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(11)}m_{201}^{(10)} - m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(11)}m_{111}^{(00)} + 2m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(20)}m_{120}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(20)}m_{030}^{(00)} + m_{000}^{(22)}m_{010}^{(22)}m_{210}^{(21)}m_{120}^{(00)} + m_{000}^{(22)}m_{010}^{(22)}m_{201}^{(00)}m_{120}^{(11)}\\
&-m_{000}^{(22)}m_{010}^{(22)}m_{201}^{(10)}m_{120}^{(10)} + m_{000}^{(22)}m_{010}^{(22)}m_{120}^{(00)}m_{111}^{(10)} - m_{000}^{(22)}m_{010}^{(22)}m_{120}^{(10)}m_{111}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{rrrrr}
V1 & V1 & 1 & 1 & 1\\
V2 & 2 & 2 & V2 & 3\\
2 & V3 & V3 & V4 & V4
\end{array}
$$



$$
\begin{aligned}
T_{116} \;=\;& (m_{000}^{(00)})^2m_{100}^{(11)}m_{010}^{(11)}m_{003}^{(22)} - 2(m_{000}^{(00)})^2m_{100}^{(11)}m_{010}^{(21)}m_{012}^{(22)} + (m_{000}^{(00)})^2m_{100}^{(11)}m_{010}^{(22)}m_{021}^{(22)}\\
&-(m_{000}^{(00)})^2m_{100}^{(11)}m_{001}^{(11)}m_{012}^{(22)} + 2(m_{000}^{(00)})^2m_{100}^{(11)}m_{001}^{(21)}m_{021}^{(22)}\\
&-(m_{000}^{(00)})^2m_{100}^{(11)}m_{001}^{(22)}m_{030}^{(22)} - 2(m_{000}^{(00)})^2m_{100}^{(21)}m_{010}^{(11)}m_{003}^{(21)}\\
&+4(m_{000}^{(00)})^2m_{100}^{(21)}m_{010}^{(21)}m_{012}^{(21)} - 2(m_{000}^{(00)})^2m_{100}^{(21)}m_{010}^{(22)}m_{021}^{(21)}\\
&+2(m_{000}^{(00)})^2m_{100}^{(21)}m_{001}^{(11)}m_{012}^{(21)} - 4(m_{000}^{(00)})^2m_{100}^{(21)}m_{001}^{(21)}m_{021}^{(21)}\\
&+2(m_{000}^{(00)})^2m_{100}^{(21)}m_{001}^{(22)}m_{030}^{(21)} + (m_{000}^{(00)})^2m_{100}^{(22)}m_{010}^{(11)}m_{003}^{(11)}\\
&-2(m_{000}^{(00)})^2m_{100}^{(22)}m_{010}^{(21)}m_{012}^{(11)} + (m_{000}^{(00)})^2m_{100}^{(22)}m_{010}^{(22)}m_{021}^{(11)}\\
&-(m_{000}^{(00)})^2m_{100}^{(22)}m_{001}^{(11)}m_{012}^{(11)} + 2(m_{000}^{(00)})^2m_{100}^{(22)}m_{001}^{(21)}m_{021}^{(11)}\\
&-(m_{000}^{(00)})^2m_{100}^{(22)}m_{001}^{(22)}m_{030}^{(11)} - (m_{000}^{(00)})^2m_{010}^{(10)}m_{010}^{(11)}m_{003}^{(22)}\\
&+2(m_{000}^{(00)})^2m_{010}^{(10)}m_{010}^{(21)}m_{003}^{(21)} - (m_{000}^{(00)})^2m_{010}^{(10)}m_{010}^{(22)}m_{003}^{(11)}
\end{aligned}
$$

$$
\begin{aligned}
&+(m_{000}^{(00)})^2 m_{010}^{(10)} m_{001}^{(11)} m_{012}^{(22)} - 2(m_{000}^{(00)})^2 m_{010}^{(10)} m_{001}^{(21)} m_{012}^{(21)} \\
&+(m_{000}^{(00)})^2 m_{010}^{(10)} m_{001}^{(22)} m_{012}^{(11)} + (m_{000}^{(00)})^2 m_{010}^{(11)} m_{010}^{(20)} m_{012}^{(22)} \\
&+(m_{000}^{(00)})^2 m_{010}^{(11)} m_{010}^{(21)} m_{102}^{(22)} - (m_{000}^{(00)})^2 m_{010}^{(11)} m_{010}^{(22)} m_{111}^{(22)} \\
&+(m_{000}^{(00)})^2 m_{010}^{(11)} m_{001}^{(10)} m_{012}^{(22)} - (m_{000}^{(00)})^2 m_{010}^{(11)} m_{001}^{(11)} m_{102}^{(22)} \\
&-(m_{000}^{(00)})^2 m_{010}^{(11)} m_{001}^{(20)} m_{021}^{(22)} - (m_{000}^{(00)})^2 m_{010}^{(11)} m_{001}^{(21)} m_{111}^{(22)} \\
&+2(m_{000}^{(00)})^2 m_{010}^{(11)} m_{001}^{(21)} m_{102}^{(21)} + (m_{000}^{(00)})^2 m_{010}^{(11)} m_{001}^{(22)} m_{120}^{(22)} \\
&-(m_{000}^{(00)})^2 m_{010}^{(11)} m_{001}^{(22)} m_{102}^{(11)} - 2(m_{000}^{(00)})^2 m_{010}^{(20)} m_{010}^{(21)} m_{012}^{(21)} \\
&+(m_{000}^{(00)})^2 m_{010}^{(20)} m_{010}^{(22)} m_{012}^{(11)} - (m_{000}^{(00)})^2 m_{010}^{(20)} m_{001}^{(11)} m_{021}^{(22)} \\
&+2(m_{000}^{(00)})^2 m_{010}^{(20)} m_{001}^{(21)} m_{021}^{(21)} - (m_{000}^{(00)})^2 m_{010}^{(20)} m_{001}^{(22)} m_{021}^{(11)} \\
&-2(m_{000}^{(00)})^2 (m_{010}^{(21)})^2 m_{102}^{(21)} + 2(m_{000}^{(00)})^2 m_{010}^{(21)} m_{010}^{(22)} m_{111}^{(21)} \\
&+(m_{000}^{(00)})^2 m_{010}^{(21)} m_{010}^{(22)} m_{102}^{(11)} - 2(m_{000}^{(00)})^2 m_{010}^{(21)} m_{001}^{(10)} m_{012}^{(21)} \\
&+(m_{000}^{(00)})^2 m_{010}^{(21)} m_{001}^{(11)} m_{111}^{(22)} + 2(m_{000}^{(00)})^2 m_{010}^{(21)} m_{001}^{(20)} m_{021}^{(21)} \\
&-2(m_{000}^{(00)})^2 m_{010}^{(21)} m_{001}^{(22)} m_{120}^{(21)} + (m_{000}^{(00)})^2 m_{010}^{(21)} m_{001}^{(22)} m_{111}^{(11)} - (m_{000}^{(00)})^2 (m_{010}^{(22)})^2 m_{111}^{(11)} \\
&+(m_{000}^{(00)})^2 m_{010}^{(22)} m_{001}^{(10)} m_{012}^{(11)} - (m_{000}^{(00)})^2 m_{010}^{(22)} m_{001}^{(20)} m_{021}^{(11)} \\
&-(m_{000}^{(00)})^2 m_{010}^{(22)} m_{001}^{(21)} m_{111}^{(11)} + (m_{000}^{(00)})^2 m_{010}^{(22)} m_{001}^{(22)} m_{120}^{(11)} \\
&-(m_{000}^{(00)})^2 m_{001}^{(10)} m_{001}^{(11)} m_{021}^{(22)} + 2(m_{000}^{(00)})^2 m_{001}^{(10)} m_{001}^{(21)} m_{021}^{(21)} \\
&-(m_{000}^{(00)})^2 m_{001}^{(10)} m_{001}^{(22)} m_{021}^{(11)} + (m_{000}^{(00)})^2 (m_{001}^{(11)})^2 m_{111}^{(22)} + (m_{000}^{(00)})^2 m_{001}^{(11)} m_{001}^{(20)} m_{030}^{(22)} \\
&-(m_{000}^{(00)})^2 m_{001}^{(11)} m_{001}^{(21)} m_{120}^{(22)} - 2(m_{000}^{(00)})^2 m_{001}^{(11)} m_{001}^{(21)} m_{111}^{(21)} \\
&+(m_{000}^{(00)})^2 m_{001}^{(11)} m_{001}^{(22)} m_{111}^{(11)} - 2(m_{000}^{(00)})^2 m_{001}^{(20)} m_{001}^{(21)} m_{030}^{(21)} \\
&+(m_{000}^{(00)})^2 m_{001}^{(20)} m_{001}^{(22)} m_{030}^{(11)} + 2(m_{000}^{(00)})^2 (m_{001}^{(21)})^2 m_{120}^{(21)} \\
&-(m_{000}^{(00)})^2 m_{001}^{(21)} m_{001}^{(22)} m_{120}^{(11)} - m_{000}^{(00)} m_{000}^{(10)} m_{100}^{(10)} m_{010}^{(11)} m_{003}^{(22)} \\
&+4m_{000}^{(00)} m_{000}^{(10)} m_{100}^{(10)} m_{010}^{(21)} m_{012}^{(22)} - 2m_{000}^{(00)} m_{000}^{(10)} m_{100}^{(10)} m_{010}^{(21)} m_{003}^{(21)} \\
&-2m_{000}^{(00)} m_{000}^{(10)} m_{100}^{(10)} m_{010}^{(22)} m_{021}^{(22)} + m_{000}^{(00)} m_{000}^{(10)} m_{100}^{(10)} m_{010}^{(22)} m_{003}^{(11)} \\
&+m_{000}^{(00)} m_{000}^{(10)} m_{100}^{(10)} m_{001}^{(11)} m_{012}^{(22)} - 4m_{000}^{(00)} m_{000}^{(10)} m_{100}^{(10)} m_{001}^{(21)} m_{021}^{(22)} \\
&+2m_{000}^{(00)} m_{000}^{(10)} m_{100}^{(10)} m_{001}^{(21)} m_{012}^{(21)} + 2m_{000}^{(00)} m_{000}^{(10)} m_{100}^{(10)} m_{001}^{(22)} m_{030}^{(22)} \\
&-m_{000}^{(00)} m_{000}^{(10)} m_{100}^{(10)} m_{001}^{(22)} m_{012}^{(11)} - m_{000}^{(00)} m_{000}^{(10)} (m_{100}^{(11)})^2 m_{003}^{(22)} \\
&+2m_{000}^{(00)} m_{000}^{(10)} m_{100}^{(11)} m_{100}^{(21)} m_{012}^{(22)} + 2m_{000}^{(00)} m_{000}^{(10)} m_{100}^{(11)} m_{100}^{(21)} m_{003}^{(21)} \\
&-m_{000}^{(00)} m_{000}^{(10)} m_{100}^{(11)} m_{100}^{(22)} m_{021}^{(22)} - m_{000}^{(00)} m_{000}^{(10)} m_{100}^{(11)} m_{100}^{(22)} m_{003}^{(11)} \\
&-m_{000}^{(00)} m_{000}^{(10)} m_{100}^{(11)} m_{010}^{(10)} m_{003}^{(22)} + m_{000}^{(00)} m_{000}^{(10)} m_{100}^{(11)} m_{010}^{(20)} m_{012}^{(22)} \\
&+m_{000}^{(00)} m_{000}^{(10)} m_{100}^{(11)} m_{010}^{(21)} m_{102}^{(22)} - m_{000}^{(00)} m_{000}^{(10)} m_{100}^{(11)} m_{010}^{(22)} m_{111}^{(22)} \\
&+m_{000}^{(00)} m_{000}^{(10)} m_{100}^{(11)} m_{001}^{(10)} m_{012}^{(22)} + 2m_{000}^{(00)} m_{000}^{(10)} m_{100}^{(11)} m_{001}^{(11)} m_{102}^{(22)} \\
&-m_{000}^{(00)} m_{000}^{(10)} m_{100}^{(11)} m_{001}^{(20)} m_{021}^{(22)} - 3m_{000}^{(00)} m_{000}^{(10)} m_{100}^{(11)} m_{001}^{(21)} m_{111}^{(22)} \\
&-2m_{000}^{(00)} m_{000}^{(10)} m_{100}^{(11)} m_{001}^{(21)} m_{102}^{(21)} + 2m_{000}^{(00)} m_{000}^{(10)} m_{100}^{(11)} m_{001}^{(22)} m_{120}^{(22)} \\
&+m_{000}^{(00)} m_{000}^{(10)} m_{100}^{(11)} m_{001}^{(22)} m_{102}^{(11)} - m_{000}^{(00)} m_{000}^{(10)} m_{100}^{(20)} m_{010}^{(11)} m_{012}^{(22)} \\
&+2m_{000}^{(00)} m_{000}^{(10)} m_{100}^{(20)} m_{010}^{(11)} m_{003}^{(21)} - 2m_{000}^{(00)} m_{000}^{(10)} m_{100}^{(20)} m_{010}^{(21)} m_{012}^{(21)} \\
&+2m_{000}^{(00)} m_{000}^{(10)} m_{100}^{(20)} m_{010}^{(22)} m_{021}^{(21)} - m_{000}^{(00)} m_{000}^{(10)} m_{100}^{(20)} m_{010}^{(22)} m_{012}^{(11)} \\
&+m_{000}^{(00)} m_{000}^{(10)} m_{100}^{(20)} m_{001}^{(11)} m_{021}^{(22)} - 2m_{000}^{(00)} m_{000}^{(10)} m_{100}^{(20)} m_{001}^{(11)} m_{012}^{(21)} \\
&+2m_{000}^{(00)} m_{000}^{(10)} m_{100}^{(20)} m_{001}^{(21)} m_{021}^{(21)} - 2m_{000}^{(00)} m_{000}^{(10)} m_{100}^{(20)} m_{001}^{(22)} m_{030}^{(21)}
\end{aligned}
$$

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\begin{aligned}
&+m_{000}^{(00)}m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{021}^{(11)} - 4m_{000}^{(00)}m_{000}^{(10)}(m_{100}^{(21)})^2m_{012}^{(21)}\\
&+2m_{000}^{(00)}m_{000}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{021}^{(21)} + 2m_{000}^{(00)}m_{000}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{012}^{(11)}\\
&+2m_{000}^{(00)}m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{003}^{(21)} - m_{000}^{(00)}m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(11)}m_{102}^{(22)}\\
&+2m_{000}^{(00)}m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(11)}m_{003}^{(20)} - 2m_{000}^{(00)}m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{012}^{(21)}\\
&-4m_{000}^{(00)}m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(21)}m_{012}^{(20)} + 2m_{000}^{(00)}m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{111}^{(21)}\\
&-m_{000}^{(00)}m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{102}^{(11)} + 2m_{000}^{(00)}m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{021}^{(20)}\\
&-2m_{000}^{(00)}m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{012}^{(21)} - m_{000}^{(00)}m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{111}^{(22)}\\
&-2m_{000}^{(00)}m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{102}^{(21)} - 2m_{000}^{(00)}m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{012}^{(20)}\\
&+2m_{000}^{(00)}m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{021}^{(21)} + 8m_{000}^{(00)}m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{111}^{(21)}\\
&+4m_{000}^{(00)}m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{021}^{(20)} - 4m_{000}^{(00)}m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{120}^{(21)}\\
&-m_{000}^{(00)}m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{111}^{(11)} - 2m_{000}^{(00)}m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{030}^{(20)}\\
&-m_{000}^{(00)}m_{000}^{(10)}(m_{100}^{(22)})^2m_{021}^{(11)} - m_{000}^{(00)}m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{003}^{(11)}\\
&+m_{000}^{(00)}m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{111}^{(22)} - 2m_{000}^{(00)}m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{003}^{(10)}\\
&+m_{000}^{(00)}m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{012}^{(11)} - 2m_{000}^{(00)}m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{111}^{(21)}\\
&+m_{000}^{(00)}m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{102}^{(11)} + 4m_{000}^{(00)}m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{012}^{(10)}\\
&-2m_{000}^{(00)}m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(22)}m_{021}^{(10)} + m_{000}^{(00)}m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{012}^{(11)}\\
&+m_{000}^{(00)}m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{102}^{(11)} + 2m_{000}^{(00)}m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{012}^{(10)}\\
&-m_{000}^{(00)}m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{021}^{(11)} - 3m_{000}^{(00)}m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{111}^{(11)}\\
&-4m_{000}^{(00)}m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{021}^{(10)} + 2m_{000}^{(00)}m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(22)}m_{120}^{(11)}\\
&+2m_{000}^{(00)}m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(22)}m_{030}^{(10)} + m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(11)}m_{003}^{(22)}\\
&-2m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{003}^{(21)} + m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{003}^{(11)}\\
&-m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(11)}m_{012}^{(22)} + 2m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{012}^{(21)}\\
&-m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{012}^{(11)} + 2m_{000}^{(00)}m_{000}^{(10)}(m_{010}^{(10)})^2m_{003}^{(22)}\\
&-2m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{012}^{(22)} - 2m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{003}^{(21)}\\
&-2m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(21)}m_{102}^{(22)} - 2m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(21)}m_{003}^{(20)}\\
&+2m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{111}^{(22)} + 2m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{003}^{(10)}\\
&-4m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(10)}m_{012}^{(22)} + m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(11)}m_{102}^{(22)}\\
&+2m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{021}^{(22)} + 2m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{012}^{(21)}\\
&+2m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(21)}m_{111}^{(22)} - 2m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(21)}m_{102}^{(21)}\\
&+2m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(21)}m_{012}^{(20)} - 2m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{120}^{(22)}\\
&+m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{102}^{(11)} - 2m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{012}^{(10)}\\
&-2m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(11)}m_{010}^{(20)}m_{102}^{(22)} + m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(11)}m_{010}^{(22)}m_{201}^{(22)}\\
&-m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{012}^{(22)} + m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(10)}m_{102}^{(22)}\\
&+3m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{111}^{(22)} - 2m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{102}^{(21)}\\
&+m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(21)}m_{201}^{(22)} - 2m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(21)}m_{102}^{(20)}\\
&-2m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(22)}m_{210}^{(22)} + 2m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(22)}m_{102}^{(10)}\\
&+2m_{000}^{(00)}m_{000}^{(10)}(m_{010}^{(20)})^2m_{012}^{(21)} + 6m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{102}^{(21)}\\
&+2m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{012}^{(20)} - 2m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{111}^{(21)}
\end{aligned}
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\begin{aligned}
&-2m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{102}^{(11)} - 2m_{000}^{(00)}m_{000}^{(10)}m_{000}^{(20)}m_{010}^{(22)}m_{012}^{(10)}\\
&+2m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{021}^{(22)} + 2m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{012}^{(21)}\\
&+m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{111}^{(22)} - 4m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{021}^{(21)}\\
&-4m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{111}^{(21)} - 2m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{021}^{(20)}\\
&+2m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{120}^{(21)} + m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{111}^{(11)}\\
&+2m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{021}^{(10)} + 2m_{000}^{(00)}m_{000}^{(10)}(m_{010}^{(21)})^2m_{102}^{(20)}\\
&-2m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{201}^{(21)} - 2m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{111}^{(20)}\\
&-2m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{102}^{(10)} + 2m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{012}^{(21)}\\
&-2m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{111}^{(22)} + 2m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{102}^{(21)}\\
&+2m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{012}^{(20)} - m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(11)}m_{201}^{(22)}\\
&-4m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{111}^{(21)} - 2m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{021}^{(20)}\\
&+4m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{210}^{(21)} - m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{201}^{(11)}\\
&+2m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{120}^{(20)} - 2m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{111}^{(10)}\\
&+m_{000}^{(00)}m_{000}^{(10)}(m_{010}^{(22)})^2m_{201}^{(11)} + 2m_{000}^{(00)}m_{000}^{(10)}(m_{010}^{(22)})^2m_{111}^{(10)}\\
&-m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{012}^{(11)} - m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{102}^{(11)}\\
&-2m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{012}^{(10)} + 3m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{111}^{(11)}\\
&+2m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{021}^{(10)} + m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{201}^{(11)}\\
&+2m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{111}^{(10)} - 2m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(22)}m_{210}^{(11)}\\
&-2m_{000}^{(00)}m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(22)}m_{120}^{(10)} + m_{000}^{(00)}m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{021}^{(22)}\\
&-2m_{000}^{(00)}m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{021}^{(21)} + m_{000}^{(00)}m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{021}^{(11)}\\
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&+2m_{000}^{(00)}m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{120}^{(22)} - 2m_{000}^{(00)}m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{021}^{(20)}\\
&+2m_{000}^{(00)}m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{021}^{(10)} - m_{000}^{(00)}m_{000}^{(10)}(m_{001}^{(11)})^2m_{201}^{(22)}\\
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&+2m_{000}^{(00)}m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{210}^{(22)} + 2m_{000}^{(00)}m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{201}^{(21)}\\
&+2m_{000}^{(00)}m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{111}^{(20)} - m_{000}^{(00)}m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{201}^{(11)}\\
&-2m_{000}^{(00)}m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{111}^{(10)} + 2m_{000}^{(00)}m_{000}^{(10)}(m_{001}^{(20)})^2m_{030}^{(21)}\\
&+2m_{000}^{(00)}m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{120}^{(21)} + 2m_{000}^{(00)}m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{030}^{(20)}\\
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&+2m_{000}^{(00)}m_{000}^{(10)}m_{001}^{(21)}m_{001}^{(22)}m_{210}^{(11)} + 2m_{000}^{(00)}m_{000}^{(10)}m_{001}^{(21)}m_{001}^{(22)}m_{120}^{(10)}\\
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&+2m_{000}^{(00)}m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(21)}m_{021}^{(22)} - 2m_{000}^{(00)}m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(21)}m_{012}^{(21)}\\
&-m_{000}^{(00)}m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(22)}m_{030}^{(22)} + m_{000}^{(00)}m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(22)}m_{012}^{(11)}\\
&+m_{000}^{(00)}m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(11)}m_{003}^{(22)} - 2m_{000}^{(00)}m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(21)}m_{003}^{(21)}\\
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&+4m_{000}^{(00)}m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{012}^{(20)} + 2m_{000}^{(00)}m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{102}^{(11)}\\
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&+2m_{000}^{(00)}m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{021}^{(20)} - 2m_{000}^{(00)}m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{201}^{(21)}\\
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&+2m_{000}^{(00)}m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(11)}m_{012}^{(20)} + m_{000}^{(00)}m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(20)}m_{030}^{(22)}\\
&-m_{000}^{(00)}m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(21)}m_{120}^{(22)} + 2m_{000}^{(00)}m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(21)}m_{111}^{(21)}\\
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&+2m_{000}^{(00)}m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(22)}m_{030}^{(20)} + m_{000}^{(00)}m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{021}^{(22)}\\
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&+2m_{000}^{(00)}m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(21)}m_{030}^{(21)} - 4m_{000}^{(00)}m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(21)}m_{021}^{(11)}\\
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&+4m_{000}^{(00)}m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{102}^{(21)} + 2m_{000}^{(00)}m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{003}^{(10)}\\
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&+2m_{000}^{(00)}m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{021}^{(21)} + m_{000}^{(00)}m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(11)}m_{120}^{(22)}\\
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&+4m_{000}^{(00)}m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{111}^{(21)} + 2m_{000}^{(00)}m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{012}^{(10)}\\
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&-2m_{000}^{(00)}m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{012}^{(20)} - 2m_{000}^{(00)}m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(21)}m_{201}^{(22)}\\
&-2m_{000}^{(00)}m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(21)}m_{102}^{(20)} + m_{000}^{(00)}m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{210}^{(22)}\\
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&+2m_{000}^{(00)}m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{102}^{(11)} + 2m_{000}^{(00)}m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{021}^{(20)}\\
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&+2m_{000}^{(00)}m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{030}^{(20)} - 2m_{000}^{(00)}m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{021}^{(10)}\\
&+4m_{000}^{(00)}m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{210}^{(21)} - 2m_{000}^{(00)}m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{120}^{(20)}\\
&+2m_{000}^{(00)}m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{021}^{(00)} - 2m_{000}^{(00)}m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(22)}m_{210}^{(11)}\\
&+m_{000}^{(00)}m_{000}^{(21)}(m_{001}^{(11)})^2m_{300}^{(22)} + 2m_{000}^{(00)}m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{111}^{(10)}\\
&-2m_{000}^{(00)}m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(21)}m_{300}^{(21)} - 2m_{000}^{(00)}m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(21)}m_{111}^{(00)}\\
&+m_{000}^{(00)}m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(22)}m_{300}^{(11)} + 2m_{000}^{(00)}m_{000}^{(21)}(m_{001}^{(20)})^2m_{030}^{(10)}\\
&-2m_{000}^{(00)}m_{000}^{(21)}m_{001}^{(20)}m_{001}^{(21)}m_{120}^{(10)} - 2m_{000}^{(00)}m_{000}^{(21)}m_{001}^{(20)}m_{001}^{(21)}m_{030}^{(00)}
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&+2m_{000}^{(00)}m_{000}^{(21)}(m_{001}^{(21)})^2m_{120}^{(00)} - m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(11)}m_{021}^{(22)}\\
&+m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(11)}m_{003}^{(11)} + 2m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{021}^{(21)}\\
&-2m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{012}^{(11)} + m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(11)}m_{030}^{(22)}\\
&-m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(11)}m_{012}^{(11)} - 2m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(21)}m_{030}^{(21)}\\
&+2m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(21)}m_{021}^{(11)} + m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{021}^{(22)}\\
&-2m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}m_{021}^{(21)} + m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(22)}m_{021}^{(11)}\\
&+m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}m_{111}^{(22)} - 2m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}m_{003}^{(10)}\\
&-2m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{111}^{(21)} + 4m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{012}^{(10)}\\
&+m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(22)}m_{111}^{(11)} - 2m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(22)}m_{021}^{(10)}\\
&-2m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{120}^{(22)} + 2m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{012}^{(10)}\\
&+4m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(21)}m_{120}^{(21)} - 4m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(21)}m_{021}^{(10)}\\
&-2m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(22)}m_{120}^{(11)} + 2m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(22)}m_{030}^{(10)}\\
&-m_{000}^{(00)}m_{000}^{(22)}(m_{100}^{(11)})^2m_{111}^{(22)} - m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{030}^{(22)}\\
&+m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(21)}m_{120}^{(22)} + 2m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(21)}m_{111}^{(21)}\\
&-m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(22)}m_{111}^{(11)} - m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(10)}m_{111}^{(22)}\\
&+m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(11)}m_{201}^{(22)} + m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(11)}m_{003}^{(00)}\\
&+m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)}m_{120}^{(22)} - m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(21)}m_{210}^{(22)}\\
&-2m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(21)}m_{012}^{(00)} + m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(22)}m_{021}^{(00)}\\
&+m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(11)}m_{210}^{(22)} - m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(11)}m_{012}^{(00)}\\
&-2m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(21)}m_{210}^{(21)} + 2m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(21)}m_{021}^{(00)}\\
&+m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(22)}m_{210}^{(11)} - m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(22)}m_{030}^{(00)}\\
&+2m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(21)}m_{030}^{(21)} - m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(22)}m_{030}^{(11)}\\
&+m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{120}^{(22)} - 2m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(21)}m_{120}^{(21)}\\
&+m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(22)}m_{120}^{(11)} - 2m_{000}^{(00)}m_{000}^{(22)}(m_{100}^{(21)})^2m_{120}^{(21)}\\
&+m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(21)}m_{100}^{(22)}m_{120}^{(11)} + 2m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{111}^{(21)}\\
&-m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)}m_{210}^{(22)} - 2m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)}m_{201}^{(21)}\\
&-2m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(20)}m_{120}^{(21)} + 4m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(21)}m_{210}^{(21)}\\
&-m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(22)}m_{210}^{(11)} - m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)}m_{111}^{(11)}\\
&+m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(11)}m_{201}^{(11)} + m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(20)}m_{120}^{(11)}\\
&-m_{000}^{(00)}m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(21)}m_{210}^{(11)} - m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{003}^{(11)}\\
&+m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{111}^{(22)} + m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{012}^{(11)}\\
&-2m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{111}^{(21)} + m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{102}^{(11)}\\
&+m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{012}^{(11)} - m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{120}^{(22)}\\
&-m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{021}^{(11)} + 2m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{120}^{(21)}\\
&-m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{111}^{(11)} + 2m_{000}^{(00)}m_{000}^{(22)}(m_{010}^{(10)})^2m_{003}^{(10)}\\
&-m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(11)}m_{201}^{(22)} - m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(11)}m_{003}^{(00)}\\
&-2m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{012}^{(10)} + 2m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{201}^{(21)}\\
&-2m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{102}^{(10)} - m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{201}^{(11)}
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&+2m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{111}^{(10)} + m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{012}^{(11)}\\
&-4m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{012}^{(10)} + 2m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{210}^{(22)}\\
&+m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{012}^{(00)} + 2m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{021}^{(10)}\\
&-4m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{210}^{(21)} + 2m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{111}^{(10)}\\
&+2m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(22)}m_{210}^{(11)} - 2m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(22)}m_{120}^{(10)}\\
&-m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{210}^{(22)} + m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{012}^{(00)}\\
&+m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(21)}m_{300}^{(22)} + m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(21)}m_{102}^{(00)}\\
&-m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(22)}m_{111}^{(00)} - m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{102}^{(11)}\\
&+2m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{102}^{(10)} + m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{012}^{(00)}\\
&-m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(11)}m_{300}^{(22)} - m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(11)}m_{102}^{(00)}\\
&-m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{021}^{(00)} + 2m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(21)}m_{300}^{(21)}\\
&-m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(21)}m_{111}^{(00)} - m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(22)}m_{300}^{(11)}\\
&+m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(22)}m_{120}^{(00)} + 2m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{210}^{(21)}\\
&-m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(22)}m_{210}^{(11)} - m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(00)}m_{021}^{(11)}\\
&+2m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{021}^{(10)} - m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{021}^{(00)}\\
&-2m_{000}^{(00)}m_{000}^{(22)}(m_{010}^{(21)})^2m_{300}^{(21)} + m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(21)}m_{010}^{(22)}m_{300}^{(11)}\\
&+m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{111}^{(11)} - 2m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{111}^{(10)}\\
&+m_{000}^{(00)}m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(11)}m_{111}^{(00)} - m_{000}^{(00)}m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{021}^{(11)}\\
&+m_{000}^{(00)}m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{111}^{(11)} + m_{000}^{(00)}m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(20)}m_{030}^{(11)}\\
&-m_{000}^{(00)}m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(21)}m_{120}^{(11)} + 2m_{000}^{(00)}m_{000}^{(22)}(m_{001}^{(10)})^2m_{021}^{(10)}\\
&-2m_{000}^{(00)}m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{111}^{(10)} - m_{000}^{(00)}m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{021}^{(00)}\\
&-2m_{000}^{(00)}m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(20)}m_{030}^{(10)} + 2m_{000}^{(00)}m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(21)}m_{120}^{(10)}\\
&+m_{000}^{(00)}m_{000}^{(22)}(m_{001}^{(11)})^2m_{111}^{(00)} + m_{000}^{(00)}m_{000}^{(22)}m_{001}^{(11)}m_{001}^{(20)}m_{030}^{(00)}\\
&-m_{000}^{(00)}m_{000}^{(22)}m_{001}^{(11)}m_{001}^{(21)}m_{120}^{(00)} + 2(m_{000}^{(10)})^2m_{100}^{(10)}m_{100}^{(11)}m_{003}^{(22)}\\
&-4(m_{000}^{(10)})^2m_{100}^{(10)}m_{100}^{(21)}m_{012}^{(22)} + 2(m_{000}^{(10)})^2m_{100}^{(10)}m_{100}^{(22)}m_{021}^{(22)}\\
&-2(m_{000}^{(10)})^2m_{100}^{(10)}m_{010}^{(20)}m_{012}^{(22)} + 2(m_{000}^{(10)})^2m_{100}^{(10)}m_{010}^{(20)}m_{003}^{(21)}\\
&-2(m_{000}^{(10)})^2m_{100}^{(10)}m_{010}^{(21)}m_{102}^{(22)} + 2(m_{000}^{(10)})^2m_{100}^{(10)}m_{010}^{(21)}m_{003}^{(20)}\\
&+2(m_{000}^{(10)})^2m_{100}^{(10)}m_{010}^{(22)}m_{111}^{(22)} - 2(m_{000}^{(10)})^2m_{100}^{(10)}m_{010}^{(22)}m_{003}^{(10)}\\
&-2(m_{000}^{(10)})^2m_{100}^{(10)}m_{001}^{(11)}m_{102}^{(22)} + 2(m_{000}^{(10)})^2m_{100}^{(10)}m_{001}^{(20)}m_{021}^{(22)}\\
&-2(m_{000}^{(10)})^2m_{100}^{(10)}m_{001}^{(20)}m_{012}^{(21)} + 6(m_{000}^{(10)})^2m_{100}^{(10)}m_{001}^{(21)}m_{111}^{(22)}\\
&-2(m_{000}^{(10)})^2m_{100}^{(10)}m_{001}^{(21)}m_{012}^{(20)} - 4(m_{000}^{(10)})^2m_{100}^{(10)}m_{001}^{(22)}m_{120}^{(22)}\\
&+2(m_{000}^{(10)})^2m_{100}^{(10)}m_{001}^{(22)}m_{012}^{(10)} - 2(m_{000}^{(10)})^2m_{100}^{(11)}m_{100}^{(20)}m_{003}^{(21)}\\
&-2(m_{000}^{(10)})^2m_{100}^{(11)}m_{100}^{(21)}m_{003}^{(20)} + 2(m_{000}^{(10)})^2m_{100}^{(11)}m_{100}^{(22)}m_{003}^{(10)}\\
&-2(m_{000}^{(10)})^2m_{100}^{(11)}m_{001}^{(10)}m_{102}^{(22)} + 2(m_{000}^{(10)})^2m_{100}^{(11)}m_{001}^{(20)}m_{102}^{(21)}\\
&+2(m_{000}^{(10)})^2m_{100}^{(11)}m_{001}^{(21)}m_{102}^{(20)} - 2(m_{000}^{(10)})^2m_{100}^{(11)}m_{001}^{(22)}m_{102}^{(10)}\\
&+4(m_{000}^{(10)})^2m_{100}^{(20)}m_{100}^{(21)}m_{012}^{(21)} - 2(m_{000}^{(10)})^2m_{100}^{(20)}m_{100}^{(22)}m_{021}^{(21)}\\
&+2(m_{000}^{(10)})^2m_{100}^{(20)}m_{010}^{(10)}m_{012}^{(22)} - 2(m_{000}^{(10)})^2m_{100}^{(20)}m_{010}^{(10)}m_{003}^{(21)}\\
&+2(m_{000}^{(10)})^2m_{100}^{(20)}m_{010}^{(21)}m_{102}^{(21)} - 2(m_{000}^{(10)})^2m_{100}^{(20)}m_{010}^{(21)}m_{012}^{(20)}
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\begin{aligned}
&-2(m_{000}^{(10)})^2 m_{100}^{(20)} m_{010}^{(22)} m_{111}^{(21)} + 2(m_{000}^{(10)})^2 m_{100}^{(20)} m_{010}^{(22)} m_{012}^{(10)} \\
&-2(m_{000}^{(10)})^2 m_{100}^{(20)} m_{001}^{(10)} m_{021}^{(22)} + 2(m_{000}^{(10)})^2 m_{100}^{(20)} m_{001}^{(10)} m_{012}^{(21)} \\
&+2(m_{000}^{(10)})^2 m_{100}^{(20)} m_{001}^{(11)} m_{102}^{(21)} - 6(m_{000}^{(10)})^2 m_{100}^{(20)} m_{001}^{(21)} m_{111}^{(21)} \\
&+2(m_{000}^{(10)})^2 m_{100}^{(20)} m_{001}^{(21)} m_{021}^{(20)} + 4(m_{000}^{(10)})^2 m_{100}^{(20)} m_{001}^{(22)} m_{120}^{(21)} \\
&-2(m_{000}^{(10)})^2 m_{100}^{(20)} m_{001}^{(22)} m_{021}^{(10)} + 4(m_{000}^{(10)})^2 (m_{100}^{(21)})^2 m_{012}^{(20)} \\
&-2(m_{000}^{(10)})^2 m_{100}^{(21)} m_{100}^{(22)} m_{021}^{(20)} - 4(m_{000}^{(10)})^2 m_{100}^{(21)} m_{100}^{(22)} m_{012}^{(10)} \\
&+2(m_{000}^{(10)})^2 m_{100}^{(21)} m_{010}^{(10)} m_{102}^{(22)} - 2(m_{000}^{(10)})^2 m_{100}^{(21)} m_{010}^{(10)} m_{003}^{(20)} \\
&-2(m_{000}^{(10)})^2 m_{100}^{(21)} m_{010}^{(20)} m_{102}^{(21)} + 2(m_{000}^{(10)})^2 m_{100}^{(21)} m_{010}^{(20)} m_{012}^{(20)} \\
&-2(m_{000}^{(10)})^2 m_{100}^{(21)} m_{010}^{(22)} m_{111}^{(20)} + 2(m_{000}^{(10)})^2 m_{100}^{(21)} m_{010}^{(22)} m_{102}^{(10)} \\
&+2(m_{000}^{(10)})^2 m_{100}^{(21)} m_{001}^{(10)} m_{111}^{(22)} + 2(m_{000}^{(10)})^2 m_{100}^{(21)} m_{001}^{(10)} m_{012}^{(20)} \\
&+2(m_{000}^{(10)})^2 m_{100}^{(21)} m_{001}^{(11)} m_{102}^{(20)} - 2(m_{000}^{(10)})^2 m_{100}^{(21)} m_{001}^{(20)} m_{111}^{(21)} \\
&-2(m_{000}^{(10)})^2 m_{100}^{(21)} m_{001}^{(20)} m_{021}^{(20)} - 8(m_{000}^{(10)})^2 m_{100}^{(21)} m_{001}^{(21)} m_{111}^{(20)} \\
&+4(m_{000}^{(10)})^2 m_{100}^{(21)} m_{001}^{(22)} m_{120}^{(20)} + 2(m_{000}^{(10)})^2 m_{100}^{(21)} m_{001}^{(22)} m_{111}^{(10)} \\
&+2(m_{000}^{(10)})^2 (m_{100}^{(22)})^2 m_{021}^{(10)} - 2(m_{000}^{(10)})^2 m_{100}^{(22)} m_{010}^{(10)} m_{111}^{(22)} \\
&+2(m_{000}^{(10)})^2 m_{100}^{(22)} m_{010}^{(10)} m_{003}^{(10)} + 2(m_{000}^{(10)})^2 m_{100}^{(22)} m_{010}^{(20)} m_{111}^{(21)} \\
&-2(m_{000}^{(10)})^2 m_{100}^{(22)} m_{010}^{(20)} m_{012}^{(10)} + 2(m_{000}^{(10)})^2 m_{100}^{(22)} m_{010}^{(21)} m_{111}^{(20)} \\
&-2(m_{000}^{(10)})^2 m_{100}^{(22)} m_{010}^{(21)} m_{102}^{(10)} - 2(m_{000}^{(10)})^2 m_{100}^{(22)} m_{001}^{(10)} m_{012}^{(10)} \\
&-2(m_{000}^{(10)})^2 m_{100}^{(22)} m_{001}^{(11)} m_{102}^{(10)} + 2(m_{000}^{(10)})^2 m_{100}^{(22)} m_{001}^{(20)} m_{021}^{(10)} \\
&+6(m_{000}^{(10)})^2 m_{100}^{(22)} m_{001}^{(21)} m_{111}^{(10)} - 4(m_{000}^{(10)})^2 m_{100}^{(22)} m_{001}^{(22)} m_{120}^{(10)} \\
&-2(m_{000}^{(10)})^2 m_{010}^{(00)} m_{010}^{(10)} m_{003}^{(22)} + 2(m_{000}^{(10)})^2 m_{010}^{(00)} m_{010}^{(20)} m_{003}^{(21)} \\
&+2(m_{000}^{(10)})^2 m_{010}^{(00)} m_{010}^{(21)} m_{003}^{(20)} - 2(m_{000}^{(10)})^2 m_{010}^{(00)} m_{010}^{(22)} m_{003}^{(10)} \\
&+2(m_{000}^{(10)})^2 m_{010}^{(00)} m_{001}^{(10)} m_{012}^{(22)} - 2(m_{000}^{(10)})^2 m_{010}^{(00)} m_{001}^{(20)} m_{012}^{(21)} \\
&-2(m_{000}^{(10)})^2 m_{010}^{(00)} m_{001}^{(21)} m_{012}^{(20)} + 2(m_{000}^{(10)})^2 m_{010}^{(00)} m_{001}^{(22)} m_{012}^{(10)} \\
&+4(m_{000}^{(10)})^2 m_{010}^{(10)} m_{010}^{(20)} m_{102}^{(22)} - 2(m_{000}^{(10)})^2 m_{010}^{(10)} m_{010}^{(22)} m_{201}^{(22)} \\
&+2(m_{000}^{(10)})^2 m_{010}^{(10)} m_{001}^{(00)} m_{012}^{(22)} - 6(m_{000}^{(10)})^2 m_{010}^{(10)} m_{001}^{(20)} m_{111}^{(22)} \\
&+2(m_{000}^{(10)})^2 m_{010}^{(10)} m_{001}^{(20)} m_{102}^{(21)} - 2(m_{000}^{(10)})^2 m_{010}^{(10)} m_{001}^{(21)} m_{201}^{(22)} \\
&+2(m_{000}^{(10)})^2 m_{010}^{(10)} m_{001}^{(21)} m_{102}^{(20)} + 4(m_{000}^{(10)})^2 m_{010}^{(10)} m_{001}^{(22)} m_{210}^{(22)} \\
&-2(m_{000}^{(10)})^2 m_{010}^{(10)} m_{001}^{(22)} m_{102}^{(10)} - 4(m_{000}^{(10)})^2 (m_{010}^{(20)})^2 m_{102}^{(21)} \\
&-4(m_{000}^{(10)})^2 m_{010}^{(20)} m_{010}^{(21)} m_{102}^{(20)} + 2(m_{000}^{(10)})^2 m_{010}^{(20)} m_{010}^{(22)} m_{201}^{(21)} \\
&+4(m_{000}^{(10)})^2 m_{010}^{(20)} m_{010}^{(22)} m_{102}^{(10)} - 2(m_{000}^{(10)})^2 m_{010}^{(20)} m_{001}^{(00)} m_{012}^{(21)} \\
&-2(m_{000}^{(10)})^2 m_{010}^{(20)} m_{001}^{(10)} m_{111}^{(22)} - 2(m_{000}^{(10)})^2 m_{010}^{(20)} m_{001}^{(10)} m_{102}^{(21)} \\
&+8(m_{000}^{(10)})^2 m_{010}^{(20)} m_{001}^{(20)} m_{111}^{(21)} + 2(m_{000}^{(10)})^2 m_{010}^{(20)} m_{001}^{(21)} m_{201}^{(21)} \\
&+2(m_{000}^{(10)})^2 m_{010}^{(20)} m_{001}^{(21)} m_{111}^{(20)} - 4(m_{000}^{(10)})^2 m_{010}^{(20)} m_{001}^{(22)} m_{210}^{(21)} \\
&-2(m_{000}^{(10)})^2 m_{010}^{(20)} m_{001}^{(22)} m_{111}^{(10)} + 2(m_{000}^{(10)})^2 m_{010}^{(21)} m_{010}^{(22)} m_{201}^{(20)} \\
&-2(m_{000}^{(10)})^2 m_{010}^{(21)} m_{001}^{(00)} m_{012}^{(20)} + 2(m_{000}^{(10)})^2 m_{010}^{(21)} m_{001}^{(10)} m_{201}^{(22)} \\
&-2(m_{000}^{(10)})^2 m_{010}^{(21)} m_{001}^{(10)} m_{102}^{(20)} - 2(m_{000}^{(10)})^2 m_{010}^{(21)} m_{001}^{(20)} m_{201}^{(21)} \\
&+6(m_{000}^{(10)})^2 m_{010}^{(21)} m_{001}^{(20)} m_{111}^{(20)} - 4(m_{000}^{(10)})^2 m_{010}^{(21)} m_{001}^{(22)} m_{210}^{(20)} \\
&+2(m_{000}^{(10)})^2 m_{010}^{(21)} m_{001}^{(22)} m_{201}^{(10)} - 2(m_{000}^{(10)})^2 (m_{010}^{(22)})^2 m_{201}^{(10)}
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\begin{aligned}
&+2(m_{000}^{(10)})^2 m_{010}^{(22)} m_{001}^{(00)} m_{012}^{(10)} + 2(m_{000}^{(10)})^2 m_{010}^{(22)} m_{001}^{(10)} m_{102}^{(10)} \\
&-6(m_{000}^{(10)})^2 m_{010}^{(22)} m_{001}^{(20)} m_{111}^{(10)} - 2(m_{000}^{(10)})^2 m_{010}^{(22)} m_{001}^{(21)} m_{201}^{(10)} \\
&+4(m_{000}^{(10)})^2 m_{010}^{(22)} m_{001}^{(22)} m_{210}^{(10)} - 2(m_{000}^{(10)})^2 m_{001}^{(00)} m_{001}^{(10)} m_{021}^{(22)} \\
&+2(m_{000}^{(10)})^2 m_{001}^{(00)} m_{001}^{(20)} m_{021}^{(21)} + 2(m_{000}^{(10)})^2 m_{001}^{(00)} m_{001}^{(21)} m_{021}^{(20)} \\
&-2(m_{000}^{(10)})^2 m_{001}^{(00)} m_{001}^{(22)} m_{021}^{(10)} + 2(m_{000}^{(10)})^2 m_{001}^{(10)} m_{001}^{(11)} m_{201}^{(22)} \\
&+4(m_{000}^{(10)})^2 m_{001}^{(10)} m_{001}^{(20)} m_{120}^{(22)} - 4(m_{000}^{(10)})^2 m_{001}^{(10)} m_{001}^{(21)} m_{210}^{(22)} \\
&-2(m_{000}^{(10)})^2 m_{001}^{(11)} m_{001}^{(20)} m_{201}^{(21)} - 2(m_{000}^{(10)})^2 m_{001}^{(11)} m_{001}^{(21)} m_{201}^{(20)} \\
&+2(m_{000}^{(10)})^2 m_{001}^{(11)} m_{001}^{(22)} m_{201}^{(10)} - 4(m_{000}^{(10)})^2 (m_{001}^{(20)})^2 m_{120}^{(21)} \\
&+4(m_{000}^{(10)})^2 m_{001}^{(20)} m_{001}^{(21)} m_{210}^{(21)} - 4(m_{000}^{(10)})^2 m_{001}^{(20)} m_{001}^{(21)} m_{120}^{(20)} \\
&+4(m_{000}^{(10)})^2 m_{001}^{(20)} m_{001}^{(22)} m_{120}^{(10)} + 4(m_{000}^{(10)})^2 (m_{001}^{(21)})^2 m_{210}^{(20)} \\
&-4(m_{000}^{(10)})^2 m_{001}^{(21)} m_{001}^{(22)} m_{210}^{(10)} - m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(00)} m_{100}^{(11)} m_{003}^{(22)} \\
&+2m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(00)} m_{100}^{(21)} m_{012}^{(22)} - m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(00)} m_{100}^{(22)} m_{021}^{(22)} \\
&+m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(00)} m_{010}^{(10)} m_{003}^{(22)} + m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(00)} m_{010}^{(20)} m_{012}^{(22)} \\
&-2m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(00)} m_{010}^{(20)} m_{003}^{(21)} + m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(00)} m_{010}^{(21)} m_{102}^{(22)} \\
&-2m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(00)} m_{010}^{(21)} m_{003}^{(20)} - m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(00)} m_{010}^{(22)} m_{111}^{(22)} \\
&+2m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(00)} m_{010}^{(22)} m_{003}^{(10)} - m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(00)} m_{001}^{(10)} m_{012}^{(22)} \\
&+m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(00)} m_{001}^{(11)} m_{102}^{(22)} - m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(00)} m_{001}^{(20)} m_{021}^{(22)} \\
&+2m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(00)} m_{001}^{(20)} m_{012}^{(21)} - 3m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(00)} m_{001}^{(21)} m_{111}^{(22)} \\
&+2m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(00)} m_{001}^{(21)} m_{012}^{(20)} + 2m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(00)} m_{001}^{(22)} m_{120}^{(22)} \\
&-2m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(00)} m_{001}^{(22)} m_{012}^{(10)} - 2m_{000}^{(10)} m_{000}^{(11)} (m_{100}^{(10)})^2 m_{003}^{(22)} \\
&+2m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(10)} m_{100}^{(20)} m_{012}^{(22)} + 2m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(10)} m_{100}^{(20)} m_{003}^{(21)} \\
&+2m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(10)} m_{100}^{(21)} m_{102}^{(22)} + 2m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(10)} m_{100}^{(21)} m_{003}^{(20)} \\
&-2m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(10)} m_{100}^{(22)} m_{111}^{(22)} - 2m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(10)} m_{100}^{(22)} m_{003}^{(10)} \\
&+m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(10)} m_{010}^{(00)} m_{003}^{(22)} - 2m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(10)} m_{010}^{(20)} m_{003}^{(20)} \\
&+m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(10)} m_{010}^{(22)} m_{003}^{(00)} - m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(10)} m_{001}^{(00)} m_{012}^{(22)} \\
&+4m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(10)} m_{001}^{(10)} m_{102}^{(22)} - 2m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(10)} m_{001}^{(20)} m_{111}^{(22)} \\
&-2m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(10)} m_{001}^{(20)} m_{102}^{(21)} + 2m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(10)} m_{001}^{(20)} m_{012}^{(20)} \\
&-2m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(10)} m_{001}^{(21)} m_{201}^{(22)} - 2m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(10)} m_{001}^{(21)} m_{102}^{(20)} \\
&+2m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(10)} m_{001}^{(22)} m_{210}^{(22)} + 2m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(10)} m_{001}^{(22)} m_{102}^{(10)} \\
&-m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(10)} m_{001}^{(22)} m_{012}^{(00)} + 2m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(11)} m_{100}^{(20)} m_{003}^{(20)} \\
&-m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(11)} m_{100}^{(22)} m_{003}^{(00)} + m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(11)} m_{001}^{(00)} m_{102}^{(22)} \\
&-2m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(11)} m_{001}^{(20)} m_{102}^{(20)} + m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(11)} m_{001}^{(22)} m_{102}^{(00)} \\
&-2m_{000}^{(10)} m_{000}^{(11)} (m_{100}^{(20)})^2 m_{012}^{(21)} - 2m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(20)} m_{100}^{(21)} m_{102}^{(21)} \\
&-6m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(20)} m_{100}^{(21)} m_{012}^{(20)} + 2m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(20)} m_{100}^{(22)} m_{111}^{(21)} \\
&+2m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(20)} m_{100}^{(22)} m_{021}^{(20)} + 2m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(20)} m_{100}^{(22)} m_{012}^{(10)} \\
&-m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(20)} m_{010}^{(00)} m_{012}^{(22)} - 4m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(20)} m_{010}^{(10)} m_{102}^{(22)} \\
&+2m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(20)} m_{010}^{(10)} m_{003}^{(20)} + 4m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(20)} m_{010}^{(20)} m_{102}^{(21)} \\
&+2m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(20)} m_{010}^{(21)} m_{102}^{(20)} + 2m_{000}^{(10)} m_{000}^{(11)} m_{100}^{(20)} m_{010}^{(22)} m_{111}^{(20)}
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&-4m_{000}^{(10)}m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{102}^{(10)} - m_{000}^{(10)}m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{012}^{(00)}\\
&+m_{000}^{(10)}m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(00)}m_{021}^{(22)} + 2m_{000}^{(10)}m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{111}^{(22)}\\
&-2m_{000}^{(10)}m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{102}^{(21)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{012}^{(20)}\\
&-2m_{000}^{(10)}m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{102}^{(20)} + 2m_{000}^{(10)}m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{201}^{(21)}\\
&+4m_{000}^{(10)}m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{111}^{(20)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{210}^{(21)}\\
&-4m_{000}^{(10)}m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{120}^{(20)} + 2m_{000}^{(10)}m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{111}^{(10)}\\
&+m_{000}^{(10)}m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{021}^{(00)} - 2m_{000}^{(10)}m_{000}^{(11)}(m_{100}^{(21)})^2m_{102}^{(20)}\\
&+2m_{000}^{(10)}m_{000}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{111}^{(20)} + 2m_{000}^{(10)}m_{000}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{102}^{(10)}\\
&+2m_{000}^{(10)}m_{000}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{012}^{(00)} - m_{000}^{(10)}m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(00)}m_{102}^{(22)}\\
&+2m_{000}^{(10)}m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{102}^{(20)} - m_{000}^{(10)}m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(22)}m_{102}^{(00)}\\
&-m_{000}^{(10)}m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{111}^{(22)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{201}^{(22)}\\
&-2m_{000}^{(10)}m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{102}^{(20)} + 2m_{000}^{(10)}m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{201}^{(21)}\\
&+4m_{000}^{(10)}m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{111}^{(20)} + 4m_{000}^{(10)}m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(21)}m_{201}^{(20)}\\
&-2m_{000}^{(10)}m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{210}^{(20)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{201}^{(10)}\\
&-m_{000}^{(10)}m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{111}^{(00)} - 2m_{000}^{(10)}m_{000}^{(11)}(m_{100}^{(22)})^2m_{111}^{(10)}\\
&-m_{000}^{(10)}m_{000}^{(11)}(m_{100}^{(22)})^2m_{021}^{(00)} + m_{000}^{(10)}m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{111}^{(22)}\\
&+2m_{000}^{(10)}m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{201}^{(22)} - m_{000}^{(10)}m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{003}^{(00)}\\
&-2m_{000}^{(10)}m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{201}^{(21)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{111}^{(20)}\\
&+m_{000}^{(10)}m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{012}^{(00)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{201}^{(20)}\\
&+m_{000}^{(10)}m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{102}^{(00)} + 2m_{000}^{(10)}m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(22)}m_{201}^{(10)}\\
&+2m_{000}^{(10)}m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(10)}m_{102}^{(10)} + m_{000}^{(10)}m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(10)}m_{012}^{(00)}\\
&+m_{000}^{(10)}m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(11)}m_{102}^{(00)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(20)}m_{111}^{(10)}\\
&-m_{000}^{(10)}m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(20)}m_{021}^{(00)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(21)}m_{201}^{(10)}\\
&-3m_{000}^{(10)}m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(21)}m_{111}^{(00)} + 2m_{000}^{(10)}m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(22)}m_{210}^{(10)}\\
&+2m_{000}^{(10)}m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(22)}m_{120}^{(00)} + m_{000}^{(10)}m_{000}^{(11)}(m_{010}^{(00)})^2m_{003}^{(22)}\\
&-2m_{000}^{(10)}m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(20)}m_{102}^{(22)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(20)}m_{003}^{(20)}\\
&+m_{000}^{(10)}m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(22)}m_{201}^{(22)} + m_{000}^{(10)}m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(22)}m_{003}^{(00)}\\
&-2m_{000}^{(10)}m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(00)}m_{012}^{(22)} - m_{000}^{(10)}m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(10)}m_{102}^{(22)}\\
&+3m_{000}^{(10)}m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{111}^{(22)} + 2m_{000}^{(10)}m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{012}^{(20)}\\
&+m_{000}^{(10)}m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(21)}m_{201}^{(22)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(22)}m_{210}^{(22)}\\
&-m_{000}^{(10)}m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(22)}m_{012}^{(00)} - m_{000}^{(10)}m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{102}^{(22)}\\
&+4m_{000}^{(10)}m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{201}^{(22)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{102}^{(20)}\\
&-2m_{000}^{(10)}m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(22)}m_{300}^{(22)} + m_{000}^{(10)}m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(22)}m_{102}^{(00)}\\
&+4m_{000}^{(10)}m_{000}^{(11)}(m_{010}^{(20)})^2m_{102}^{(20)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{010}^{(20)}m_{010}^{(22)}m_{201}^{(20)}\\
&-2m_{000}^{(10)}m_{000}^{(11)}m_{010}^{(20)}m_{010}^{(22)}m_{102}^{(00)} + m_{000}^{(10)}m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{111}^{(22)}\\
&+2m_{000}^{(10)}m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{102}^{(21)} + 2m_{000}^{(10)}m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{012}^{(20)}\\
&+2m_{000}^{(10)}m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{102}^{(20)} - 4m_{000}^{(10)}m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{201}^{(21)}\\
&-8m_{000}^{(10)}m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{111}^{(20)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{201}^{(20)}
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&+2m_{000}^{(10)}m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{300}^{(21)} + 4m_{000}^{(10)}m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{210}^{(20)}\\
&+m_{000}^{(10)}m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{111}^{(00)} - m_{000}^{(10)}m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{201}^{(22)}\\
&+2m_{000}^{(10)}m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{102}^{(20)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{201}^{(20)}\\
&+2m_{000}^{(10)}m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(22)}m_{300}^{(20)} - m_{000}^{(10)}m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(22)}m_{201}^{(00)}\\
&+m_{000}^{(10)}m_{000}^{(11)}(m_{010}^{(22)})^2m_{201}^{(00)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{102}^{(10)}\\
&-m_{000}^{(10)}m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{012}^{(00)} - m_{000}^{(10)}m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(10)}m_{102}^{(00)}\\
&+4m_{000}^{(10)}m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{201}^{(10)} + 3m_{000}^{(10)}m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{111}^{(00)}\\
&+m_{000}^{(10)}m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(21)}m_{201}^{(00)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(22)}m_{300}^{(10)}\\
&-2m_{000}^{(10)}m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(22)}m_{210}^{(00)} + m_{000}^{(10)}m_{000}^{(11)}(m_{001}^{(00)})^2m_{021}^{(22)}\\
&+2m_{000}^{(10)}m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{111}^{(22)} - m_{000}^{(10)}m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{201}^{(22)}\\
&-2m_{000}^{(10)}m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{120}^{(22)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{111}^{(21)}\\
&-2m_{000}^{(10)}m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{021}^{(20)} + 2m_{000}^{(10)}m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{210}^{(22)}\\
&-2m_{000}^{(10)}m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{111}^{(20)} + 2m_{000}^{(10)}m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{111}^{(10)}\\
&+m_{000}^{(10)}m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{021}^{(00)} - 2m_{000}^{(10)}m_{000}^{(11)}(m_{001}^{(10)})^2m_{201}^{(22)}\\
&-2m_{000}^{(10)}m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{210}^{(22)} + 2m_{000}^{(10)}m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{201}^{(21)}\\
&+2m_{000}^{(10)}m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{300}^{(22)} + 2m_{000}^{(10)}m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{201}^{(20)}\\
&-2m_{000}^{(10)}m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{201}^{(10)} + 2m_{000}^{(10)}m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{201}^{(20)}\\
&-m_{000}^{(10)}m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(22)}m_{201}^{(00)} + 2m_{000}^{(10)}m_{000}^{(11)}(m_{001}^{(20)})^2m_{210}^{(21)}\\
&+4m_{000}^{(10)}m_{000}^{(11)}(m_{001}^{(20)})^2m_{120}^{(20)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{300}^{(21)}\\
&-2m_{000}^{(10)}m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{210}^{(20)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(22)}m_{210}^{(10)}\\
&-2m_{000}^{(10)}m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(22)}m_{120}^{(00)} - 2m_{000}^{(10)}m_{000}^{(11)}(m_{001}^{(21)})^2m_{300}^{(20)}\\
&+2m_{000}^{(10)}m_{000}^{(11)}m_{001}^{(21)}m_{001}^{(22)}m_{300}^{(10)} + 2m_{000}^{(10)}m_{000}^{(11)}m_{001}^{(21)}m_{001}^{(22)}m_{210}^{(00)}\\
&-2m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(11)}m_{012}^{(22)} - 2m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(11)}m_{003}^{(21)}\\
&+4m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(21)}m_{021}^{(22)} + 4m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(21)}m_{012}^{(21)}\\
&-2m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(22)}m_{030}^{(22)} - 2m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(22)}m_{021}^{(21)}\\
&+4m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(11)}m_{102}^{(22)} - 2m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(11)}m_{003}^{(20)}\\
&+2m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(20)}m_{021}^{(22)} - 2m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(20)}m_{003}^{(11)}\\
&-6m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{111}^{(22)} + 2m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{102}^{(21)}\\
&-2m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{012}^{(20)} + 2m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{003}^{(10)}\\
&+2m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(22)}m_{120}^{(22)} - 2m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(22)}m_{111}^{(21)}\\
&+2m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(22)}m_{012}^{(10)} - 2m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(11)}m_{111}^{(22)}\\
&+2m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(11)}m_{102}^{(21)} + 2m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(11)}m_{012}^{(20)}\\
&-2m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(20)}m_{030}^{(22)} + 2m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(20)}m_{012}^{(11)}\\
&+2m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(21)}m_{120}^{(22)} - 6m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(21)}m_{111}^{(21)}\\
&+2m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(21)}m_{021}^{(20)} - 2m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(21)}m_{012}^{(10)}\\
&+4m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(22)}m_{120}^{(21)} - 2m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(22)}m_{021}^{(10)}\\
&+2m_{000}^{(10)}m_{000}^{(20)}(m_{100}^{(11)})^2m_{003}^{(20)} + 2m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(20)}m_{012}^{(21)}\\
&+2m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(20)}m_{003}^{(11)} - 2m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(21)}m_{012}^{(20)}
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&-2m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(21)}m_{003}^{(10)} + 2m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(22)}m_{021}^{(20)}\\
&-2m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(22)}m_{012}^{(10)} + 2m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(10)}m_{003}^{(20)}\\
&-2m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(20)}m_{012}^{(20)} - 2m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(21)}m_{102}^{(20)}\\
&+2m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(22)}m_{111}^{(20)} + 2m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(10)}m_{111}^{(22)}\\
&+2m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(10)}m_{102}^{(21)} - 2m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(10)}m_{012}^{(20)}\\
&-4m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(11)}m_{102}^{(20)} - 2m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(20)}m_{111}^{(21)}\\
&-2m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(20)}m_{102}^{(11)} + 2m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(20)}m_{021}^{(20)}\\
&+4m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(21)}m_{111}^{(20)} + 2m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(21)}m_{102}^{(10)}\\
&-4m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(22)}m_{120}^{(20)} + 2m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(22)}m_{111}^{(10)}\\
&-4m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(21)}m_{021}^{(21)} - 4m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(21)}m_{012}^{(11)}\\
&+2m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(22)}m_{030}^{(21)} + 2m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(22)}m_{021}^{(11)}\\
&-2m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(10)}m_{021}^{(22)} + 2m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(10)}m_{003}^{(11)}\\
&-4m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{102}^{(21)} + 2m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{012}^{(20)}\\
&+6m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{111}^{(21)} - 2m_{000}^{(10)}m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{102}^{(11)}\\
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&+2m_{000}^{(10)}m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{102}^{(10)} + 2m_{000}^{(10)}m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{012}^{(00)}\\
&+2m_{000}^{(10)}m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}m_{210}^{(21)} + 4m_{000}^{(10)}m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}m_{111}^{(10)}\\
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&+2m_{000}^{(10)}m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{012}^{(10)} - 2m_{000}^{(10)}m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{201}^{(21)}\\
&+2m_{000}^{(10)}m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{102}^{(10)} + 2m_{000}^{(10)}m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(21)}m_{210}^{(21)}\\
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&-4m_{000}^{(10)}m_{000}^{(21)}(m_{100}^{(21)})^2m_{012}^{(00)} - 2m_{000}^{(10)}m_{000}^{(21)}m_{100}^{(21)}m_{100}^{(22)}m_{120}^{(20)}\\
&+2m_{000}^{(10)}m_{000}^{(21)}m_{100}^{(21)}m_{100}^{(22)}m_{021}^{(00)} + 2m_{000}^{(10)}m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(00)}m_{102}^{(21)}\\
&-2m_{000}^{(10)}m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(10)}m_{201}^{(22)} + 2m_{000}^{(10)}m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(10)}m_{003}^{(00)}\\
&+2m_{000}^{(10)}m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{201}^{(21)} - 2m_{000}^{(10)}m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{111}^{(20)}\\
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&+2m_{000}^{(10)}m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(22)}m_{111}^{(00)} + 2m_{000}^{(10)}m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}m_{111}^{(21)}\\
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&-2m_{000}^{(10)}m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(20)}m_{210}^{(21)} - 2m_{000}^{(10)}m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(20)}m_{120}^{(20)}
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&-2m_{000}^{(10)}m_{000}^{(21)}(m_{010}^{(00)})^2m_{003}^{(21)} + 2m_{000}^{(10)}m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(10)}m_{102}^{(22)} \\
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&-2m_{000}^{(10)}m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{111}^{(22)} + 2m_{000}^{(10)}m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{102}^{(21)} \\
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&+2m_{000}^{(10)}m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{102}^{(10)} + 2m_{000}^{(10)}m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{300}^{(22)} \\
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&-2m_{000}^{(10)}m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{300}^{(22)} + 2m_{000}^{(10)}m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{102}^{(00)}\\
&+2m_{000}^{(10)}m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{300}^{(21)} + 2m_{000}^{(10)}m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{210}^{(20)}\\
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&+2m_{000}^{(10)}m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{201}^{(21)} + 6m_{000}^{(10)}m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{120}^{(21)}\\
&+2m_{000}^{(10)}m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{021}^{(10)} - 4m_{000}^{(10)}m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{210}^{(21)}\\
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&+4m_{000}^{(10)}m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(22)}m_{210}^{(10)} + 2m_{000}^{(10)}m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{300}^{(21)}\\
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&+m_{000}^{(10)}m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(20)}m_{012}^{(11)} + m_{000}^{(10)}m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)}m_{102}^{(11)}\\
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&+m_{000}^{(10)}m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(11)}m_{021}^{(00)} + 2m_{000}^{(10)}m_{000}^{(22)}(m_{100}^{(21)})^2m_{120}^{(20)}\\
&-2m_{000}^{(10)}m_{000}^{(22)}m_{100}^{(21)}m_{100}^{(22)}m_{120}^{(10)} - m_{000}^{(10)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}m_{102}^{(11)}\\
&+2m_{000}^{(10)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{210}^{(22)} - 2m_{000}^{(10)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{111}^{(20)}\\
&+2m_{000}^{(10)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{102}^{(10)} + 2m_{000}^{(10)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)}m_{201}^{(20)}\\
&-m_{000}^{(10)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)}m_{102}^{(00)} - 2m_{000}^{(10)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(20)}m_{210}^{(21)}\\
&+2m_{000}^{(10)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(20)}m_{120}^{(20)} - 4m_{000}^{(10)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(21)}m_{210}^{(20)}\\
&+2m_{000}^{(10)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(22)}m_{210}^{(10)} - m_{000}^{(10)}m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(00)}m_{111}^{(11)}\\
&+2m_{000}^{(10)}m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(10)}m_{111}^{(10)} - m_{000}^{(10)}m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(11)}m_{111}^{(00)}\\
&+m_{000}^{(10)}m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(00)}m_{111}^{(11)} - 2m_{000}^{(10)}m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(11)}m_{201}^{(10)}\\
&+m_{000}^{(10)}m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(11)}m_{111}^{(00)} - 2m_{000}^{(10)}m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(20)}m_{120}^{(10)}\\
&+2m_{000}^{(10)}m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(21)}m_{210}^{(10)} + m_{000}^{(10)}m_{000}^{(22)}(m_{010}^{(00)})^2m_{003}^{(11)}\\
&-2m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{111}^{(22)} - 2m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{003}^{(10)}\\
&+m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{003}^{(00)} + 2m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{111}^{(21)}\\
&-2m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{102}^{(11)} + 2m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{111}^{(20)}\\
&+m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(22)}m_{201}^{(11)} - 2m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(22)}m_{111}^{(10)}
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&-2m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(00)}m_{012}^{(11)} + 2m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{120}^{(22)}\\
&-m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{102}^{(11)} + 2m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{012}^{(10)}\\
&-m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{012}^{(00)} - 2m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{120}^{(21)}\\
&+3m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{111}^{(11)} + m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{201}^{(11)}\\
&-2m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{120}^{(20)} - 2m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(22)}m_{210}^{(11)}\\
&+2m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(22)}m_{120}^{(10)} + 2m_{000}^{(10)}m_{000}^{(22)}(m_{010}^{(10)})^2m_{201}^{(22)}\\
&+2m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{210}^{(22)} - 2m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{201}^{(21)}\\
&+4m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{102}^{(10)} - 2m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{300}^{(22)}\\
&-2m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{201}^{(20)} + m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{102}^{(11)}\\
&+2m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{012}^{(10)} - 4m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{210}^{(22)}\\
&+m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{102}^{(00)} + 4m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{210}^{(21)}\\
&-6m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{111}^{(10)} + 4m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{210}^{(20)}\\
&-2m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{201}^{(10)} - 2m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{102}^{(00)}\\
&+m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(22)}m_{201}^{(00)} - m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{012}^{(00)}\\
&+2m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{300}^{(22)} - m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{102}^{(00)}\\
&-2m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{300}^{(21)} + 3m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{111}^{(00)}\\
&-2m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(21)}m_{300}^{(20)} + m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(21)}m_{201}^{(00)}\\
&+2m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(22)}m_{300}^{(10)} - 2m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(22)}m_{210}^{(00)}\\
&-2m_{000}^{(10)}m_{000}^{(22)}(m_{010}^{(20)})^2m_{210}^{(21)} + 2m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{300}^{(21)}\\
&-2m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{210}^{(20)} + 2m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(22)}m_{210}^{(10)}\\
&+m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(00)}m_{111}^{(11)} - 2m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{111}^{(10)}\\
&+m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{111}^{(00)} + 2m_{000}^{(10)}m_{000}^{(22)}(m_{010}^{(21)})^2m_{300}^{(20)}\\
&-2m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(21)}m_{010}^{(22)}m_{300}^{(10)} - m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{201}^{(11)}\\
&+2m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{201}^{(10)} - m_{000}^{(10)}m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(11)}m_{201}^{(00)}\\
&+m_{000}^{(10)}m_{000}^{(22)}(m_{001}^{(00)})^2m_{021}^{(11)} - 2m_{000}^{(10)}m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{021}^{(10)}\\
&-m_{000}^{(10)}m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{201}^{(11)} + m_{000}^{(10)}m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{021}^{(00)}\\
&-2m_{000}^{(10)}m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(20)}m_{120}^{(11)} + 2m_{000}^{(10)}m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(21)}m_{210}^{(11)}\\
&+2m_{000}^{(10)}m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{201}^{(10)} + 4m_{000}^{(10)}m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(20)}m_{120}^{(10)}\\
&-4m_{000}^{(10)}m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(21)}m_{210}^{(10)} - m_{000}^{(10)}m_{000}^{(22)}(m_{001}^{(11)})^2m_{201}^{(00)}\\
&-2m_{000}^{(10)}m_{000}^{(22)}m_{001}^{(11)}m_{001}^{(20)}m_{120}^{(00)} + 2m_{000}^{(10)}m_{000}^{(22)}m_{001}^{(11)}m_{001}^{(21)}m_{210}^{(00)}\\
&+(m_{000}^{(11)})^2m_{100}^{(00)}m_{100}^{(10)}m_{003}^{(22)} - (m_{000}^{(11)})^2m_{100}^{(00)}m_{100}^{(20)}m_{012}^{(22)}\\
&-(m_{000}^{(11)})^2m_{100}^{(00)}m_{100}^{(21)}m_{102}^{(22)} + (m_{000}^{(11)})^2m_{100}^{(00)}m_{100}^{(22)}m_{111}^{(22)}\\
&-(m_{000}^{(11)})^2m_{100}^{(00)}m_{010}^{(00)}m_{003}^{(22)} + 2(m_{000}^{(11)})^2m_{100}^{(00)}m_{010}^{(20)}m_{003}^{(20)}\\
&-(m_{000}^{(11)})^2m_{100}^{(00)}m_{010}^{(22)}m_{003}^{(00)} + (m_{000}^{(11)})^2m_{100}^{(00)}m_{001}^{(00)}m_{012}^{(22)}\\
&-(m_{000}^{(11)})^2m_{100}^{(00)}m_{001}^{(10)}m_{102}^{(22)} + (m_{000}^{(11)})^2m_{100}^{(00)}m_{001}^{(20)}m_{111}^{(22)}\\
&-2(m_{000}^{(11)})^2m_{100}^{(00)}m_{001}^{(20)}m_{012}^{(20)} + (m_{000}^{(11)})^2m_{100}^{(00)}m_{001}^{(21)}m_{201}^{(22)}\\
&-(m_{000}^{(11)})^2m_{100}^{(00)}m_{001}^{(22)}m_{210}^{(22)} + (m_{000}^{(11)})^2m_{100}^{(00)}m_{001}^{(22)}m_{012}^{(00)}\\
&-2(m_{000}^{(11)})^2m_{100}^{(10)}m_{100}^{(20)}m_{003}^{(20)} + (m_{000}^{(11)})^2m_{100}^{(10)}m_{100}^{(22)}m_{003}^{(00)}
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&-(m_{000}^{(11)})^2 m_{100}^{(10)} m_{001}^{(00)} m_{102}^{(22)} + 2(m_{000}^{(11)})^2 m_{100}^{(10)} m_{001}^{(20)} m_{102}^{(20)} \\
&-(m_{000}^{(11)})^2 m_{100}^{(10)} m_{001}^{(22)} m_{102}^{(00)} + 2(m_{000}^{(11)})^2 (m_{100}^{(20)})^2 m_{012}^{(20)} \\
&+2(m_{000}^{(11)})^2 m_{100}^{(20)} m_{100}^{(21)} m_{102}^{(20)} - 2(m_{000}^{(11)})^2 m_{100}^{(20)} m_{100}^{(22)} m_{111}^{(20)} \\
&-(m_{000}^{(11)})^2 m_{100}^{(20)} m_{100}^{(22)} m_{012}^{(00)} + 2(m_{000}^{(11)})^2 m_{100}^{(20)} m_{010}^{(00)} m_{102}^{(22)} \\
&-4(m_{000}^{(11)})^2 m_{100}^{(20)} m_{010}^{(20)} m_{102}^{(20)} + 2(m_{000}^{(11)})^2 m_{100}^{(20)} m_{010}^{(22)} m_{102}^{(00)} \\
&-(m_{000}^{(11)})^2 m_{100}^{(20)} m_{001}^{(00)} m_{111}^{(22)} + 2(m_{000}^{(11)})^2 m_{100}^{(20)} m_{001}^{(10)} m_{102}^{(20)} \\
&-2(m_{000}^{(11)})^2 m_{100}^{(20)} m_{001}^{(21)} m_{201}^{(20)} + 2(m_{000}^{(11)})^2 m_{100}^{(20)} m_{001}^{(22)} m_{210}^{(20)} \\
&-(m_{000}^{(11)})^2 m_{100}^{(20)} m_{001}^{(22)} m_{111}^{(00)} - (m_{000}^{(11)})^2 m_{100}^{(21)} m_{100}^{(22)} m_{102}^{(00)} \\
&+(m_{000}^{(11)})^2 m_{100}^{(21)} m_{001}^{(00)} m_{201}^{(22)} - 2(m_{000}^{(11)})^2 m_{100}^{(21)} m_{001}^{(20)} m_{201}^{(20)} \\
&+(m_{000}^{(11)})^2 m_{100}^{(21)} m_{001}^{(22)} m_{201}^{(00)} + (m_{000}^{(11)})^2 (m_{100}^{(22)})^2 m_{111}^{(00)} - (m_{000}^{(11)})^2 m_{100}^{(22)} m_{010}^{(00)} m_{201}^{(22)} \\
&+2(m_{000}^{(11)})^2 m_{100}^{(22)} m_{010}^{(20)} m_{201}^{(20)} - (m_{000}^{(11)})^2 m_{100}^{(22)} m_{010}^{(22)} m_{201}^{(00)} \\
&-(m_{000}^{(11)})^2 m_{100}^{(22)} m_{001}^{(10)} m_{102}^{(00)} + (m_{000}^{(11)})^2 m_{100}^{(22)} m_{001}^{(20)} m_{111}^{(00)} \\
&+(m_{000}^{(11)})^2 m_{100}^{(22)} m_{001}^{(21)} m_{201}^{(00)} - (m_{000}^{(11)})^2 m_{100}^{(22)} m_{001}^{(22)} m_{210}^{(00)} \\
&+(m_{000}^{(11)})^2 m_{010}^{(00)} m_{001}^{(00)} m_{102}^{(22)} - 2(m_{000}^{(11)})^2 m_{010}^{(00)} m_{001}^{(20)} m_{201}^{(22)} \\
&+(m_{000}^{(11)})^2 m_{010}^{(00)} m_{001}^{(22)} m_{300}^{(22)} - 2(m_{000}^{(11)})^2 m_{010}^{(20)} m_{001}^{(00)} m_{102}^{(20)} \\
&+4(m_{000}^{(11)})^2 m_{010}^{(20)} m_{001}^{(20)} m_{201}^{(20)} - 2(m_{000}^{(11)})^2 m_{010}^{(20)} m_{001}^{(22)} m_{300}^{(20)} \\
&+(m_{000}^{(11)})^2 m_{010}^{(22)} m_{001}^{(00)} m_{102}^{(00)} - 2(m_{000}^{(11)})^2 m_{010}^{(22)} m_{001}^{(20)} m_{201}^{(00)} \\
&+(m_{000}^{(11)})^2 m_{010}^{(22)} m_{001}^{(22)} m_{300}^{(00)} - (m_{000}^{(11)})^2 (m_{001}^{(00)})^2 m_{111}^{(22)} + (m_{000}^{(11)})^2 m_{001}^{(00)} m_{001}^{(10)} m_{201}^{(22)} \\
&+(m_{000}^{(11)})^2 m_{001}^{(00)} m_{001}^{(20)} m_{210}^{(22)} + 2(m_{000}^{(11)})^2 m_{001}^{(00)} m_{001}^{(20)} m_{111}^{(20)} \\
&-(m_{000}^{(11)})^2 m_{001}^{(00)} m_{001}^{(21)} m_{300}^{(22)} - (m_{000}^{(11)})^2 m_{001}^{(00)} m_{001}^{(22)} m_{111}^{(00)} \\
&-2(m_{000}^{(11)})^2 m_{001}^{(10)} m_{001}^{(20)} m_{201}^{(20)} + (m_{000}^{(11)})^2 m_{001}^{(10)} m_{001}^{(22)} m_{201}^{(00)} \\
&-2(m_{000}^{(11)})^2 (m_{001}^{(20)})^2 m_{210}^{(20)} + 2(m_{000}^{(11)})^2 m_{001}^{(20)} m_{001}^{(21)} m_{300}^{(20)} \\
&+(m_{000}^{(11)})^2 m_{001}^{(20)} m_{001}^{(22)} m_{210}^{(00)} - (m_{000}^{(11)})^2 m_{001}^{(21)} m_{001}^{(22)} m_{300}^{(00)} \\
&+m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(00)} m_{100}^{(11)} m_{012}^{(22)} - 2m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(00)} m_{100}^{(21)} m_{021}^{(22)} \\
&+m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(00)} m_{100}^{(22)} m_{030}^{(22)} + m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(00)} m_{010}^{(10)} m_{012}^{(22)} \\
&-2m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(00)} m_{010}^{(10)} m_{003}^{(21)} - 2m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(00)} m_{010}^{(11)} m_{102}^{(22)} \\
&+2m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(00)} m_{010}^{(11)} m_{003}^{(20)} - m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(00)} m_{010}^{(20)} m_{021}^{(22)} \\
&+2m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(00)} m_{010}^{(20)} m_{003}^{(11)} + 3m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(00)} m_{010}^{(21)} m_{111}^{(22)} \\
&-2m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(00)} m_{010}^{(21)} m_{003}^{(10)} - m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(00)} m_{010}^{(22)} m_{120}^{(22)} \\
&-m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(00)} m_{001}^{(10)} m_{021}^{(22)} + 2m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(00)} m_{001}^{(10)} m_{012}^{(21)} \\
&+m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(00)} m_{001}^{(11)} m_{111}^{(22)} - 2m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(00)} m_{001}^{(11)} m_{012}^{(20)} \\
&+m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(00)} m_{001}^{(20)} m_{030}^{(22)} - 2m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(00)} m_{001}^{(20)} m_{012}^{(11)} \\
&-m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(00)} m_{001}^{(21)} m_{120}^{(22)} + 2m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(00)} m_{001}^{(21)} m_{012}^{(10)} \\
&+2m_{000}^{(11)} m_{000}^{(20)} (m_{100}^{(10)})^2 m_{003}^{(21)} - 2m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(10)} m_{100}^{(11)} m_{003}^{(20)} \\
&-2m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(10)} m_{100}^{(20)} m_{012}^{(21)} - 2m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(10)} m_{100}^{(20)} m_{003}^{(11)} \\
&-2m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(10)} m_{100}^{(21)} m_{102}^{(21)} + 2m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(10)} m_{100}^{(21)} m_{003}^{(10)} \\
&+2m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(10)} m_{100}^{(22)} m_{111}^{(21)} - m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(10)} m_{010}^{(00)} m_{012}^{(22)} \\
&+2m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(10)} m_{010}^{(20)} m_{012}^{(20)} - m_{000}^{(11)} m_{000}^{(20)} m_{100}^{(10)} m_{010}^{(22)} m_{012}^{(00)}
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&+m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(00)}m_{021}^{(22)} - 4m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(10)}m_{102}^{(21)}\\
&+2m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(11)}m_{102}^{(20)} + 2m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(20)}m_{111}^{(21)}\\
&+2m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(20)}m_{102}^{(11)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(20)}m_{021}^{(20)}\\
&+2m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(21)}m_{201}^{(21)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(21)}m_{102}^{(10)}\\
&-2m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(22)}m_{210}^{(21)} + m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(22)}m_{021}^{(00)}\\
&+2m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(21)}m_{102}^{(20)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(22)}m_{111}^{(20)}\\
&+m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(22)}m_{012}^{(00)} - m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(00)}m_{111}^{(22)}\\
&+2m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(10)}m_{102}^{(20)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(21)}m_{201}^{(20)}\\
&+2m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(22)}m_{210}^{(20)} - m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(22)}m_{111}^{(00)}\\
&+2m_{000}^{(11)}m_{000}^{(20)}(m_{100}^{(20)})^2m_{012}^{(11)} + 2m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(21)}m_{102}^{(11)}\\
&+4m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(21)}m_{021}^{(20)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(21)}m_{012}^{(10)}\\
&-2m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(22)}m_{111}^{(11)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(22)}m_{030}^{(20)}\\
&+m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(00)}m_{021}^{(22)} + 4m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(10)}m_{102}^{(21)}\\
&-2m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(10)}m_{012}^{(20)} - 4m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(20)}m_{102}^{(11)}\\
&-6m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{111}^{(20)} + 4m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{102}^{(10)}\\
&+2m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(22)}m_{120}^{(20)} + m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(22)}m_{021}^{(00)}\\
&-m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(00)}m_{030}^{(22)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(10)}m_{111}^{(21)}\\
&+2m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(10)}m_{102}^{(11)} + 2m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(10)}m_{021}^{(20)}\\
&-2m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(21)}m_{201}^{(11)} + 2m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(21)}m_{120}^{(20)}\\
&-2m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(21)}m_{111}^{(10)} + 2m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(22)}m_{210}^{(11)}\\
&-m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(22)}m_{030}^{(00)} - 2m_{000}^{(11)}m_{000}^{(20)}(m_{100}^{(21)})^2m_{102}^{(10)}\\
&+2m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(21)}m_{100}^{(22)}m_{111}^{(10)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(21)}m_{100}^{(22)}m_{021}^{(00)}\\
&+m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(00)}m_{111}^{(22)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{111}^{(20)}\\
&+m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(22)}m_{111}^{(00)} + m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(00)}m_{120}^{(22)}\\
&+2m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{201}^{(21)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{102}^{(10)}\\
&-2m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(11)}m_{201}^{(20)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(20)}m_{201}^{(11)}\\
&-2m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(20)}m_{120}^{(20)} + 2m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(20)}m_{111}^{(10)}\\
&+4m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(21)}m_{201}^{(10)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(22)}m_{210}^{(10)}\\
&+m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(22)}m_{120}^{(00)} + m_{000}^{(11)}m_{000}^{(20)}(m_{100}^{(22)})^2m_{030}^{(00)}\\
&-m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(00)}m_{120}^{(22)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{201}^{(21)}\\
&+m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{012}^{(00)} + 2m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{201}^{(20)}\\
&-2m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{102}^{(00)} + 2m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(20)}m_{201}^{(11)}\\
&+2m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(20)}m_{120}^{(20)} - m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(20)}m_{021}^{(00)}\\
&-2m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(21)}m_{201}^{(10)} + 3m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(21)}m_{111}^{(00)}\\
&-2m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(22)}m_{120}^{(00)} - m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(10)}m_{021}^{(00)}\\
&+m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(11)}m_{111}^{(00)} + m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(20)}m_{030}^{(00)}\\
&-m_{000}^{(11)}m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(21)}m_{120}^{(00)} - m_{000}^{(11)}m_{000}^{(20)}(m_{010}^{(00)})^2m_{012}^{(22)}\\
&+2m_{000}^{(11)}m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(10)}m_{102}^{(22)} + 2m_{000}^{(11)}m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(20)}m_{012}^{(20)}
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&-2m_{000}^{(11)}m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{201}^{(22)} + m_{000}^{(11)}m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(22)}m_{210}^{(22)}\\
&-m_{000}^{(11)}m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(22)}m_{012}^{(00)} + 2m_{000}^{(11)}m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(00)}m_{021}^{(22)}\\
&-m_{000}^{(11)}m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(10)}m_{111}^{(22)} - m_{000}^{(11)}m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(20)}m_{120}^{(22)}\\
&-2m_{000}^{(11)}m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(20)}m_{021}^{(20)} + m_{000}^{(11)}m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{210}^{(22)}\\
&+m_{000}^{(11)}m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(22)}m_{021}^{(00)} - 4m_{000}^{(11)}m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{102}^{(20)}\\
&+2m_{000}^{(11)}m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{102}^{(00)} - 3m_{000}^{(11)}m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(00)}m_{111}^{(22)}\\
&+2m_{000}^{(11)}m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(00)}m_{102}^{(21)} - 4m_{000}^{(11)}m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{201}^{(21)}\\
&+6m_{000}^{(11)}m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{111}^{(20)} + 2m_{000}^{(11)}m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(22)}m_{300}^{(21)}\\
&-3m_{000}^{(11)}m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(22)}m_{111}^{(00)} + 2m_{000}^{(11)}m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{201}^{(22)}\\
&-2m_{000}^{(11)}m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{102}^{(20)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(22)}m_{300}^{(20)}\\
&+2m_{000}^{(11)}m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(22)}m_{201}^{(00)} + 4m_{000}^{(11)}m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{201}^{(20)}\\
&-2m_{000}^{(11)}m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(22)}m_{210}^{(20)} + m_{000}^{(11)}m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(00)}m_{120}^{(22)}\\
&-2m_{000}^{(11)}m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(00)}m_{102}^{(11)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(00)}m_{021}^{(20)}\\
&+2m_{000}^{(11)}m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{111}^{(20)} + 4m_{000}^{(11)}m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(20)}m_{201}^{(11)}\\
&-2m_{000}^{(11)}m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(21)}m_{210}^{(20)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(22)}m_{300}^{(11)}\\
&+m_{000}^{(11)}m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(22)}m_{120}^{(00)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{010}^{(21)}m_{010}^{(22)}m_{201}^{(00)}\\
&-m_{000}^{(11)}m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{210}^{(22)} + 2m_{000}^{(11)}m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{102}^{(10)}\\
&+2m_{000}^{(11)}m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{210}^{(20)} - 4m_{000}^{(11)}m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{201}^{(10)}\\
&+2m_{000}^{(11)}m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(22)}m_{300}^{(10)} - m_{000}^{(11)}m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(22)}m_{210}^{(00)}\\
&+m_{000}^{(11)}m_{000}^{(20)}(m_{010}^{(22)})^2m_{210}^{(00)} + m_{000}^{(11)}m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(00)}m_{021}^{(00)}\\
&-m_{000}^{(11)}m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{111}^{(00)} - m_{000}^{(11)}m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(20)}m_{120}^{(00)}\\
&+m_{000}^{(11)}m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(21)}m_{210}^{(00)} - m_{000}^{(11)}m_{000}^{(20)}(m_{001}^{(00)})^2m_{030}^{(22)}\\
&+2m_{000}^{(11)}m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{120}^{(22)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{111}^{(21)}\\
&-m_{000}^{(11)}m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{210}^{(22)} + 2m_{000}^{(11)}m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{111}^{(20)}\\
&+2m_{000}^{(11)}m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(20)}m_{111}^{(11)} + 2m_{000}^{(11)}m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(20)}m_{030}^{(20)}\\
&-2m_{000}^{(11)}m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{111}^{(10)} - m_{000}^{(11)}m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(22)}m_{030}^{(00)}\\
&+2m_{000}^{(11)}m_{000}^{(20)}(m_{001}^{(10)})^2m_{201}^{(21)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{201}^{(20)}\\
&+2m_{000}^{(11)}m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{210}^{(21)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{201}^{(11)}\\
&-4m_{000}^{(11)}m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{120}^{(20)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{300}^{(21)}\\
&+2m_{000}^{(11)}m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{201}^{(10)} + 2m_{000}^{(11)}m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(22)}m_{120}^{(00)}\\
&+2m_{000}^{(11)}m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{300}^{(20)} - m_{000}^{(11)}m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(22)}m_{210}^{(00)}\\
&-2m_{000}^{(11)}m_{000}^{(20)}(m_{001}^{(20)})^2m_{210}^{(11)} + 2m_{000}^{(11)}m_{000}^{(20)}m_{001}^{(20)}m_{001}^{(21)}m_{300}^{(11)}\\
&+2m_{000}^{(11)}m_{000}^{(20)}m_{001}^{(20)}m_{001}^{(21)}m_{210}^{(10)} - 2m_{000}^{(11)}m_{000}^{(20)}(m_{001}^{(21)})^2m_{300}^{(10)}\\
&-2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(10)}m_{012}^{(22)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(10)}m_{003}^{(21)}\\
&+m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(11)}m_{102}^{(22)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(20)}m_{021}^{(22)}\\
&+2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(20)}m_{012}^{(21)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(21)}m_{102}^{(21)}\\
&-m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(22)}m_{120}^{(22)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(22)}m_{111}^{(21)}\\
&+2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(00)}m_{012}^{(22)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(00)}m_{003}^{(21)}
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&+m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(10)}m_{102}^{(22)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(10)}m_{003}^{(20)}\\
&-m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(20)}m_{111}^{(22)} - 4m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(20)}m_{012}^{(20)}\\
&-2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(20)}m_{003}^{(10)} - m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(21)}m_{201}^{(22)}\\
&+2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(21)}m_{003}^{(00)} + m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(22)}m_{210}^{(22)}\\
&+2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(22)}m_{012}^{(00)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(00)}m_{021}^{(22)}\\
&-2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(00)}m_{012}^{(21)} + m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(10)}m_{111}^{(22)}\\
&+2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(10)}m_{102}^{(21)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(10)}m_{012}^{(20)}\\
&-m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(11)}m_{201}^{(22)} - m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(20)}m_{120}^{(22)}\\
&-2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(20)}m_{111}^{(21)} + 4m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(20)}m_{021}^{(20)}\\
&+2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(20)}m_{012}^{(10)} + m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{210}^{(22)}\\
&-2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{201}^{(21)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{012}^{(00)}\\
&+2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(22)}m_{210}^{(21)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(22)}m_{021}^{(00)}\\
&+2m_{000}^{(11)}m_{000}^{(21)}(m_{100}^{(10)})^2m_{003}^{(20)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(20)}m_{012}^{(20)}\\
&+2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(20)}m_{003}^{(10)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(21)}m_{102}^{(20)}\\
&-2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(21)}m_{003}^{(00)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}m_{111}^{(20)}\\
&-2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}m_{012}^{(00)} - m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(00)}m_{102}^{(22)}\\
&+2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{102}^{(20)} - m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(22)}m_{102}^{(00)}\\
&+3m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(00)}m_{111}^{(22)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(00)}m_{102}^{(21)}\\
&-4m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(10)}m_{102}^{(20)} - 4m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{111}^{(20)}\\
&-2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{102}^{(10)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{201}^{(20)}\\
&+2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{102}^{(00)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(22)}m_{210}^{(20)}\\
&+3m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(22)}m_{111}^{(00)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{102}^{(20)}\\
&+m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(22)}m_{102}^{(00)} - m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(00)}m_{201}^{(22)}\\
&+2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{201}^{(20)} - m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(22)}m_{201}^{(00)}\\
&-4m_{000}^{(11)}m_{000}^{(21)}(m_{100}^{(20)})^2m_{021}^{(20)} - 2m_{000}^{(11)}m_{000}^{(21)}(m_{100}^{(20)})^2m_{012}^{(10)}\\
&-2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{102}^{(10)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{012}^{(00)}\\
&+2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(22)}m_{120}^{(20)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(22)}m_{111}^{(10)}\\
&+2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(22)}m_{021}^{(00)} - 3m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(00)}m_{111}^{(22)}\\
&-4m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(00)}m_{102}^{(21)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{102}^{(20)}\\
&+8m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{111}^{(20)} + 4m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{102}^{(10)}\\
&+2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{201}^{(20)} - 4m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{102}^{(00)}\\
&-2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}m_{210}^{(20)} - 3m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}m_{111}^{(00)}\\
&+m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(00)}m_{120}^{(22)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(00)}m_{111}^{(21)}\\
&-4m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{111}^{(20)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{102}^{(10)}\\
&+2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{201}^{(20)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(21)}m_{210}^{(20)}\\
&+2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(21)}m_{201}^{(10)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(21)}m_{111}^{(00)}\\
&-2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(22)}m_{210}^{(10)} + m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(22)}m_{120}^{(00)}\\
&+2m_{000}^{(11)}m_{000}^{(21)}(m_{100}^{(21)})^2m_{102}^{(00)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(21)}m_{100}^{(22)}m_{111}^{(00)}
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&+m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(00)}m_{201}^{(22)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{201}^{(20)}\\
&+m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(22)}m_{201}^{(00)} - m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}m_{210}^{(22)}\\
&-2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}m_{201}^{(21)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{201}^{(20)}\\
&+2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{102}^{(00)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(20)}m_{210}^{(20)}\\
&+2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(20)}m_{201}^{(10)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(20)}m_{111}^{(00)}\\
&-4m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(21)}m_{201}^{(00)} + m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(22)}m_{210}^{(00)}\\
&-m_{000}^{(11)}m_{000}^{(21)}(m_{100}^{(22)})^2m_{120}^{(00)} + m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{210}^{(22)}\\
&+2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{201}^{(21)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{201}^{(20)}\\
&+m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{102}^{(00)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{210}^{(20)}\\
&-2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{201}^{(10)} - m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{111}^{(00)}\\
&+m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(21)}m_{201}^{(00)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(22)}m_{210}^{(00)}\\
&+m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(10)}m_{111}^{(00)} - m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(11)}m_{201}^{(00)}\\
&-m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(20)}m_{120}^{(00)} + m_{000}^{(11)}m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(21)}m_{210}^{(00)}\\
&-m_{000}^{(11)}m_{000}^{(21)}(m_{010}^{(00)})^2m_{102}^{(22)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{201}^{(22)}\\
&+2m_{000}^{(11)}m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{102}^{(20)} - m_{000}^{(11)}m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{300}^{(22)}\\
&-m_{000}^{(11)}m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{102}^{(00)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(00)}m_{102}^{(21)}\\
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&+m_{000}^{(11)}m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(22)}m_{111}^{(00)} - m_{000}^{(11)}m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{201}^{(22)}\\
&+2m_{000}^{(11)}m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{102}^{(20)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{201}^{(20)}\\
&+2m_{000}^{(11)}m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(22)}m_{300}^{(20)} - m_{000}^{(11)}m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(22)}m_{201}^{(00)}\\
&-4m_{000}^{(11)}m_{000}^{(21)}(m_{010}^{(20)})^2m_{201}^{(20)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(22)}m_{300}^{(20)}\\
&+2m_{000}^{(11)}m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(22)}m_{201}^{(00)} - m_{000}^{(11)}m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{210}^{(22)}\\
&+2m_{000}^{(11)}m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{111}^{(20)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{102}^{(10)}\\
&-2m_{000}^{(11)}m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(10)}m_{201}^{(20)} - 4m_{000}^{(11)}m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(20)}m_{201}^{(10)}\\
&+2m_{000}^{(11)}m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(21)}m_{300}^{(20)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(22)}m_{300}^{(10)}\\
&-m_{000}^{(11)}m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(22)}m_{210}^{(00)} + m_{000}^{(11)}m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{300}^{(22)}\\
&-2m_{000}^{(11)}m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{102}^{(00)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{300}^{(20)}\\
&+4m_{000}^{(11)}m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{201}^{(00)} - m_{000}^{(11)}m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(22)}m_{300}^{(00)}\\
&-m_{000}^{(11)}m_{000}^{(21)}(m_{010}^{(22)})^2m_{300}^{(00)} - m_{000}^{(11)}m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{111}^{(00)}\\
&+m_{000}^{(11)}m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(10)}m_{201}^{(00)} + m_{000}^{(11)}m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(20)}m_{210}^{(00)}\\
&-m_{000}^{(11)}m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(21)}m_{300}^{(00)} + m_{000}^{(11)}m_{000}^{(21)}(m_{001}^{(00)})^2m_{120}^{(22)}\\
&+2m_{000}^{(11)}m_{000}^{(21)}(m_{001}^{(00)})^2m_{111}^{(21)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{210}^{(22)}\\
&-2m_{000}^{(11)}m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{201}^{(21)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{111}^{(20)}\\
&+m_{000}^{(11)}m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{300}^{(22)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{210}^{(21)}\\
&-2m_{000}^{(11)}m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{120}^{(20)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{111}^{(10)}\\
&+2m_{000}^{(11)}m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{300}^{(21)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{111}^{(00)}
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&+m_{000}^{(11)}m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(22)}m_{120}^{(00)} + 2m_{000}^{(11)}m_{000}^{(21)}(m_{001}^{(10)})^2m_{201}^{(20)}\\
&+6m_{000}^{(11)}m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{210}^{(20)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{201}^{(10)}\\
&-2m_{000}^{(11)}m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{300}^{(20)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{201}^{(00)}\\
&-2m_{000}^{(11)}m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(22)}m_{210}^{(00)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{300}^{(20)}\\
&+m_{000}^{(11)}m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(22)}m_{300}^{(00)} + 2m_{000}^{(11)}m_{000}^{(21)}(m_{001}^{(20)})^2m_{210}^{(10)}\\
&-2m_{000}^{(11)}m_{000}^{(21)}m_{001}^{(20)}m_{001}^{(21)}m_{300}^{(10)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{001}^{(20)}m_{001}^{(21)}m_{210}^{(00)}\\
&+2m_{000}^{(11)}m_{000}^{(21)}(m_{001}^{(21)})^2m_{300}^{(00)} + m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(10)}m_{021}^{(22)}\\
&+m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(10)}m_{003}^{(11)} - m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(11)}m_{111}^{(22)}\\
&-m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(20)}m_{030}^{(22)} - m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(20)}m_{012}^{(11)}\\
&+m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)}m_{120}^{(22)} - m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)}m_{102}^{(11)}\\
&+m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(22)}m_{111}^{(11)} - m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(00)}m_{021}^{(22)}\\
&-m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(00)}m_{003}^{(11)} - m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(10)}m_{111}^{(22)}\\
&+2m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(10)}m_{003}^{(10)} + m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(11)}m_{201}^{(22)}\\
&-m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(11)}m_{003}^{(00)} + m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(20)}m_{120}^{(22)}\\
&+2m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(20)}m_{021}^{(20)} - m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{210}^{(22)}\\
&-m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(22)}m_{021}^{(00)} + m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(00)}m_{030}^{(22)}\\
&+m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(00)}m_{012}^{(11)} - m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(10)}m_{102}^{(11)}\\
&-2m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(10)}m_{012}^{(10)} + m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(11)}m_{012}^{(00)}\\
&+m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(20)}m_{111}^{(11)} - 2m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(20)}m_{030}^{(20)}\\
&+m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(21)}m_{201}^{(11)} - m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(22)}m_{210}^{(11)}\\
&+m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(22)}m_{030}^{(00)} - 2m_{000}^{(11)}m_{000}^{(22)}(m_{100}^{(10)})^2m_{003}^{(10)}\\
&+m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{003}^{(00)} - 2m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(20)}m_{021}^{(20)}\\
&+2m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(20)}m_{012}^{(10)} + 2m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}m_{102}^{(10)}\\
&-2m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(22)}m_{111}^{(10)} + m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(22)}m_{021}^{(00)}\\
&+m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(00)}m_{111}^{(22)} - 2m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{111}^{(20)}\\
&+m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(22)}m_{111}^{(00)} - 2m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(00)}m_{120}^{(22)}\\
&-m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(00)}m_{102}^{(11)} + 4m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)}m_{102}^{(10)}\\
&-m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{102}^{(00)} + 4m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(20)}m_{120}^{(20)}\\
&-2m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(20)}m_{111}^{(10)} - 2m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(21)}m_{201}^{(10)}\\
&+2m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(22)}m_{210}^{(10)} - 2m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(22)}m_{120}^{(00)}\\
&+2m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{111}^{(20)} - m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{012}^{(00)}\\
&-m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(21)}m_{102}^{(00)} + m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(00)}m_{210}^{(22)}\\
&-m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(10)}m_{102}^{(00)} - 2m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(20)}m_{210}^{(20)}\\
&+m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(20)}m_{111}^{(00)} + m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(21)}m_{201}^{(00)}\\
&+2m_{000}^{(11)}m_{000}^{(22)}(m_{100}^{(20)})^2m_{030}^{(20)} - 2m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(21)}m_{120}^{(20)}\\
&-m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(22)}m_{030}^{(00)} + m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(00)}m_{120}^{(22)}\\
&+2m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(00)}m_{102}^{(11)} + 2m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{111}^{(20)}\\
&-4m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{102}^{(10)} - 2m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{201}^{(20)}
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\begin{aligned}
&+2m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{102}^{(00)} - 4m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(20)}m_{120}^{(20)}\\
&+2m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(21)}m_{210}^{(20)} + m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(22)}m_{120}^{(00)}\\
&-m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(00)}m_{111}^{(11)} + 2m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(10)}m_{111}^{(10)}\\
&-m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(11)}m_{111}^{(00)} + m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(21)}m_{100}^{(22)}m_{120}^{(00)}\\
&-m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}m_{210}^{(22)} + 2m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(20)}m_{210}^{(20)}\\
&-m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(22)}m_{210}^{(00)} + m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(00)}m_{201}^{(11)}\\
&-2m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(10)}m_{201}^{(10)} + m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(11)}m_{201}^{(00)}\\
&-m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(00)}m_{201}^{(11)} + 2m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)}m_{201}^{(10)}\\
&-m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)}m_{111}^{(00)} + m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(20)}m_{120}^{(00)}\\
&-m_{000}^{(11)}m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(21)}m_{210}^{(00)} + m_{000}^{(11)}m_{000}^{(22)}(m_{010}^{(00)})^2m_{111}^{(22)}\\
&-m_{000}^{(11)}m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{201}^{(22)} - m_{000}^{(11)}m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{210}^{(22)}\\
&-2m_{000}^{(11)}m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{111}^{(20)} + m_{000}^{(11)}m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{300}^{(22)}\\
&+m_{000}^{(11)}m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(22)}m_{111}^{(00)} - m_{000}^{(11)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(00)}m_{120}^{(22)}\\
&+m_{000}^{(11)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(00)}m_{102}^{(11)} - 2m_{000}^{(11)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{201}^{(11)}\\
&+2m_{000}^{(11)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{120}^{(20)} + m_{000}^{(11)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(22)}m_{300}^{(11)}\\
&-m_{000}^{(11)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(22)}m_{120}^{(00)} + 2m_{000}^{(11)}m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{201}^{(20)}\\
&-m_{000}^{(11)}m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{201}^{(00)} + 2m_{000}^{(11)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{210}^{(22)}\\
&-2m_{000}^{(11)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{102}^{(10)} - 4m_{000}^{(11)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{210}^{(20)}\\
&+4m_{000}^{(11)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{201}^{(10)} - 2m_{000}^{(11)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(22)}m_{300}^{(10)}\\
&+2m_{000}^{(11)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(22)}m_{210}^{(00)} - m_{000}^{(11)}m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{300}^{(22)}\\
&+m_{000}^{(11)}m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{102}^{(00)} + 2m_{000}^{(11)}m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{300}^{(20)}\\
&-2m_{000}^{(11)}m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{201}^{(00)} + 2m_{000}^{(11)}m_{000}^{(22)}(m_{010}^{(20)})^2m_{210}^{(20)}\\
&-2m_{000}^{(11)}m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{300}^{(20)} - m_{000}^{(11)}m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(22)}m_{210}^{(00)}\\
&+m_{000}^{(11)}m_{000}^{(22)}m_{010}^{(21)}m_{010}^{(22)}m_{300}^{(00)} - m_{000}^{(11)}m_{000}^{(22)}(m_{001}^{(00)})^2m_{111}^{(11)}\\
&+m_{000}^{(11)}m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{201}^{(11)} + 2m_{000}^{(11)}m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{111}^{(10)}\\
&-m_{000}^{(11)}m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{111}^{(00)} + m_{000}^{(11)}m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(20)}m_{210}^{(11)}\\
&-m_{000}^{(11)}m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(21)}m_{300}^{(11)} - 2m_{000}^{(11)}m_{000}^{(22)}(m_{001}^{(10)})^2m_{201}^{(10)}\\
&+m_{000}^{(11)}m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{201}^{(00)} - 2m_{000}^{(11)}m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(20)}m_{210}^{(10)}\\
&+2m_{000}^{(11)}m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(21)}m_{300}^{(10)} + m_{000}^{(11)}m_{000}^{(22)}m_{001}^{(11)}m_{001}^{(20)}m_{210}^{(00)}\\
&-m_{000}^{(11)}m_{000}^{(22)}m_{001}^{(11)}m_{001}^{(21)}m_{300}^{(00)} + 2(m_{000}^{(20)})^2m_{100}^{(10)}m_{100}^{(11)}m_{012}^{(21)}\\
&-4(m_{000}^{(20)})^2m_{100}^{(10)}m_{100}^{(21)}m_{021}^{(21)} + 2(m_{000}^{(20)})^2m_{100}^{(10)}m_{100}^{(22)}m_{030}^{(21)}\\
&-4(m_{000}^{(20)})^2m_{100}^{(10)}m_{010}^{(11)}m_{102}^{(21)} + 2(m_{000}^{(20)})^2m_{100}^{(10)}m_{010}^{(11)}m_{012}^{(20)}\\
&-2(m_{000}^{(20)})^2m_{100}^{(10)}m_{010}^{(20)}m_{021}^{(21)} + 2(m_{000}^{(20)})^2m_{100}^{(10)}m_{010}^{(20)}m_{012}^{(11)}\\
&+6(m_{000}^{(20)})^2m_{100}^{(10)}m_{010}^{(21)}m_{111}^{(21)} - 2(m_{000}^{(20)})^2m_{100}^{(10)}m_{010}^{(21)}m_{012}^{(10)}\\
&-2(m_{000}^{(20)})^2m_{100}^{(10)}m_{010}^{(22)}m_{120}^{(21)} + 2(m_{000}^{(20)})^2m_{100}^{(10)}m_{001}^{(11)}m_{111}^{(21)}\\
&-2(m_{000}^{(20)})^2m_{100}^{(10)}m_{001}^{(11)}m_{021}^{(20)} + 2(m_{000}^{(20)})^2m_{100}^{(10)}m_{001}^{(20)}m_{030}^{(21)}\\
&-2(m_{000}^{(20)})^2m_{100}^{(10)}m_{001}^{(20)}m_{021}^{(11)} - 2(m_{000}^{(20)})^2m_{100}^{(10)}m_{001}^{(21)}m_{120}^{(21)}\\
&+2(m_{000}^{(20)})^2m_{100}^{(10)}m_{001}^{(21)}m_{021}^{(10)} - 2(m_{000}^{(20)})^2(m_{100}^{(11)})^2m_{012}^{(20)}
\end{aligned}
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\begin{aligned}
&-2(m_{000}^{(20)})^2 m_{100}^{(11)} m_{100}^{(20)} m_{012}^{(11)} + 4(m_{000}^{(20)})^2 m_{100}^{(11)} m_{100}^{(21)} m_{021}^{(20)} \\
&+2(m_{000}^{(20)})^2 m_{100}^{(11)} m_{100}^{(21)} m_{012}^{(10)} - 2(m_{000}^{(20)})^2 m_{100}^{(11)} m_{100}^{(22)} m_{030}^{(20)} \\
&-2(m_{000}^{(20)})^2 m_{100}^{(11)} m_{010}^{(10)} m_{012}^{(20)} + 4(m_{000}^{(20)})^2 m_{100}^{(11)} m_{010}^{(11)} m_{102}^{(20)} \\
&+2(m_{000}^{(20)})^2 m_{100}^{(11)} m_{010}^{(20)} m_{021}^{(20)} - 6(m_{000}^{(20)})^2 m_{100}^{(11)} m_{010}^{(21)} m_{111}^{(20)} \\
&+2(m_{000}^{(20)})^2 m_{100}^{(11)} m_{010}^{(22)} m_{120}^{(20)} - 2(m_{000}^{(20)})^2 m_{100}^{(11)} m_{001}^{(10)} m_{111}^{(21)} \\
&+2(m_{000}^{(20)})^2 m_{100}^{(11)} m_{001}^{(10)} m_{021}^{(20)} + 2(m_{000}^{(20)})^2 m_{100}^{(11)} m_{001}^{(20)} m_{111}^{(11)} \\
&-2(m_{000}^{(20)})^2 m_{100}^{(11)} m_{001}^{(20)} m_{030}^{(20)} + 2(m_{000}^{(20)})^2 m_{100}^{(11)} m_{001}^{(21)} m_{120}^{(20)} \\
&-2(m_{000}^{(20)})^2 m_{100}^{(11)} m_{001}^{(21)} m_{111}^{(10)} + 4(m_{000}^{(20)})^2 m_{100}^{(20)} m_{100}^{(21)} m_{021}^{(11)} \\
&-2(m_{000}^{(20)})^2 m_{100}^{(20)} m_{100}^{(22)} m_{030}^{(11)} + 2(m_{000}^{(20)})^2 m_{100}^{(20)} m_{010}^{(10)} m_{021}^{(21)} \\
&-2(m_{000}^{(20)})^2 m_{100}^{(20)} m_{010}^{(10)} m_{012}^{(11)} + 4(m_{000}^{(20)})^2 m_{100}^{(20)} m_{010}^{(11)} m_{102}^{(11)} \\
&-2(m_{000}^{(20)})^2 m_{100}^{(20)} m_{010}^{(11)} m_{021}^{(20)} - 6(m_{000}^{(20)})^2 m_{100}^{(20)} m_{010}^{(21)} m_{111}^{(11)} \\
&+2(m_{000}^{(20)})^2 m_{100}^{(20)} m_{010}^{(21)} m_{021}^{(10)} + 2(m_{000}^{(20)})^2 m_{100}^{(20)} m_{010}^{(22)} m_{120}^{(11)} \\
&-2(m_{000}^{(20)})^2 m_{100}^{(20)} m_{001}^{(10)} m_{030}^{(21)} + 2(m_{000}^{(20)})^2 m_{100}^{(20)} m_{001}^{(10)} m_{021}^{(11)} \\
&-2(m_{000}^{(20)})^2 m_{100}^{(20)} m_{001}^{(11)} m_{111}^{(11)} + 2(m_{000}^{(20)})^2 m_{100}^{(20)} m_{001}^{(11)} m_{030}^{(20)} \\
&+2(m_{000}^{(20)})^2 m_{100}^{(20)} m_{001}^{(21)} m_{120}^{(11)} - 2(m_{000}^{(20)})^2 m_{100}^{(20)} m_{001}^{(21)} m_{030}^{(10)} \\
&-4(m_{000}^{(20)})^2 (m_{100}^{(21)})^2 m_{021}^{(10)} + 2(m_{000}^{(20)})^2 m_{100}^{(21)} m_{100}^{(22)} m_{030}^{(10)} \\
&+2(m_{000}^{(20)})^2 m_{100}^{(21)} m_{010}^{(10)} m_{111}^{(21)} + 2(m_{000}^{(20)})^2 m_{100}^{(21)} m_{010}^{(10)} m_{012}^{(10)} \\
&-2(m_{000}^{(20)})^2 m_{100}^{(21)} m_{010}^{(11)} m_{111}^{(20)} - 4(m_{000}^{(20)})^2 m_{100}^{(21)} m_{010}^{(11)} m_{102}^{(10)} \\
&-2(m_{000}^{(20)})^2 m_{100}^{(21)} m_{010}^{(20)} m_{111}^{(11)} - 2(m_{000}^{(20)})^2 m_{100}^{(21)} m_{010}^{(20)} m_{021}^{(10)} \\
&+8(m_{000}^{(20)})^2 m_{100}^{(21)} m_{010}^{(21)} m_{111}^{(10)} - 2(m_{000}^{(20)})^2 m_{100}^{(21)} m_{010}^{(22)} m_{120}^{(10)} \\
&+2(m_{000}^{(20)})^2 m_{100}^{(21)} m_{001}^{(10)} m_{120}^{(21)} - 2(m_{000}^{(20)})^2 m_{100}^{(21)} m_{001}^{(10)} m_{021}^{(10)} \\
&-2(m_{000}^{(20)})^2 m_{100}^{(21)} m_{001}^{(11)} m_{120}^{(20)} + 2(m_{000}^{(20)})^2 m_{100}^{(21)} m_{001}^{(11)} m_{111}^{(10)} \\
&-2(m_{000}^{(20)})^2 m_{100}^{(21)} m_{001}^{(20)} m_{120}^{(11)} + 2(m_{000}^{(20)})^2 m_{100}^{(21)} m_{001}^{(20)} m_{030}^{(10)} \\
&-2(m_{000}^{(20)})^2 m_{100}^{(22)} m_{010}^{(10)} m_{120}^{(21)} + 2(m_{000}^{(20)})^2 m_{100}^{(22)} m_{010}^{(11)} m_{120}^{(20)} \\
&+2(m_{000}^{(20)})^2 m_{100}^{(22)} m_{010}^{(20)} m_{120}^{(11)} - 2(m_{000}^{(20)})^2 m_{100}^{(22)} m_{010}^{(21)} m_{120}^{(10)} \\
&-2(m_{000}^{(20)})^2 m_{010}^{(00)} m_{010}^{(10)} m_{012}^{(21)} + 2(m_{000}^{(20)})^2 m_{010}^{(00)} m_{010}^{(11)} m_{012}^{(20)} \\
&+2(m_{000}^{(20)})^2 m_{010}^{(00)} m_{010}^{(20)} m_{012}^{(11)} - 2(m_{000}^{(20)})^2 m_{010}^{(00)} m_{010}^{(21)} m_{012}^{(10)} \\
&+2(m_{000}^{(20)})^2 m_{010}^{(00)} m_{001}^{(10)} m_{021}^{(21)} - 2(m_{000}^{(20)})^2 m_{010}^{(00)} m_{001}^{(11)} m_{021}^{(20)} \\
&-2(m_{000}^{(20)})^2 m_{010}^{(00)} m_{001}^{(20)} m_{021}^{(11)} + 2(m_{000}^{(20)})^2 m_{010}^{(00)} m_{001}^{(21)} m_{021}^{(10)} \\
&+4(m_{000}^{(20)})^2 (m_{010}^{(10)})^2 m_{102}^{(21)} - 4(m_{000}^{(20)})^2 m_{010}^{(10)} m_{010}^{(11)} m_{102}^{(20)} \\
&-4(m_{000}^{(20)})^2 m_{010}^{(10)} m_{010}^{(20)} m_{102}^{(11)} - 4(m_{000}^{(20)})^2 m_{010}^{(10)} m_{010}^{(21)} m_{201}^{(21)} \\
&+4(m_{000}^{(20)})^2 m_{010}^{(10)} m_{010}^{(21)} m_{102}^{(10)} + 2(m_{000}^{(20)})^2 m_{010}^{(10)} m_{010}^{(22)} m_{210}^{(21)} \\
&+2(m_{000}^{(20)})^2 m_{010}^{(10)} m_{001}^{(00)} m_{021}^{(21)} - 8(m_{000}^{(20)})^2 m_{010}^{(10)} m_{001}^{(10)} m_{111}^{(21)} \\
&+6(m_{000}^{(20)})^2 m_{010}^{(10)} m_{001}^{(11)} m_{111}^{(20)} - 2(m_{000}^{(20)})^2 m_{010}^{(10)} m_{001}^{(20)} m_{120}^{(21)} \\
&+6(m_{000}^{(20)})^2 m_{010}^{(10)} m_{001}^{(20)} m_{111}^{(11)} + 2(m_{000}^{(20)})^2 m_{010}^{(10)} m_{001}^{(21)} m_{210}^{(21)} \\
&-6(m_{000}^{(20)})^2 m_{010}^{(10)} m_{001}^{(21)} m_{111}^{(10)} + 4(m_{000}^{(20)})^2 m_{010}^{(11)} m_{010}^{(21)} m_{201}^{(20)} \\
&-2(m_{000}^{(20)})^2 m_{010}^{(11)} m_{010}^{(22)} m_{210}^{(20)} - 2(m_{000}^{(20)})^2 m_{010}^{(11)} m_{001}^{(00)} m_{021}^{(20)} \\
&+4(m_{000}^{(20)})^2 m_{010}^{(11)} m_{001}^{(10)} m_{201}^{(21)} + 2(m_{000}^{(20)})^2 m_{010}^{(11)} m_{001}^{(10)} m_{111}^{(20)}
\end{aligned}
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\begin{aligned}
&-4(m_{000}^{(20)})^2 m_{010}^{(11)} m_{001}^{(11)} m_{201}^{(20)} - 4(m_{000}^{(20)})^2 m_{010}^{(11)} m_{001}^{(20)} m_{201}^{(11)} \\
&+2(m_{000}^{(20)})^2 m_{010}^{(11)} m_{001}^{(20)} m_{120}^{(20)} - 2(m_{000}^{(20)})^2 m_{010}^{(11)} m_{001}^{(21)} m_{210}^{(20)} \\
&+4(m_{000}^{(20)})^2 m_{010}^{(11)} m_{001}^{(21)} m_{201}^{(10)} + 4(m_{000}^{(20)})^2 m_{010}^{(20)} m_{010}^{(21)} m_{201}^{(11)} \\
&-2(m_{000}^{(20)})^2 m_{010}^{(20)} m_{010}^{(22)} m_{210}^{(11)} - 2(m_{000}^{(20)})^2 m_{010}^{(20)} m_{001}^{(00)} m_{021}^{(11)} \\
&+2(m_{000}^{(20)})^2 m_{010}^{(20)} m_{001}^{(10)} m_{120}^{(21)} + 2(m_{000}^{(20)})^2 m_{010}^{(20)} m_{001}^{(10)} m_{111}^{(11)} \\
&-2(m_{000}^{(20)})^2 m_{010}^{(20)} m_{001}^{(11)} m_{120}^{(20)} - 2(m_{000}^{(20)})^2 m_{010}^{(20)} m_{001}^{(21)} m_{210}^{(11)} \\
&+2(m_{000}^{(20)})^2 m_{010}^{(20)} m_{001}^{(21)} m_{120}^{(10)} - 4(m_{000}^{(20)})^2 (m_{010}^{(21)})^2 m_{201}^{(10)} \\
&+2(m_{000}^{(20)})^2 m_{010}^{(21)} m_{010}^{(22)} m_{210}^{(10)} + 2(m_{000}^{(20)})^2 m_{010}^{(21)} m_{001}^{(00)} m_{021}^{(10)} \\
&-2(m_{000}^{(20)})^2 m_{010}^{(21)} m_{001}^{(10)} m_{210}^{(21)} - 2(m_{000}^{(20)})^2 m_{010}^{(21)} m_{001}^{(10)} m_{111}^{(10)} \\
&+2(m_{000}^{(20)})^2 m_{010}^{(21)} m_{001}^{(11)} m_{210}^{(20)} + 2(m_{000}^{(20)})^2 m_{010}^{(21)} m_{001}^{(20)} m_{210}^{(11)} \\
&-2(m_{000}^{(20)})^2 m_{010}^{(21)} m_{001}^{(20)} m_{120}^{(10)} - 2(m_{000}^{(20)})^2 m_{001}^{(00)} m_{001}^{(10)} m_{030}^{(21)} \\
&+2(m_{000}^{(20)})^2 m_{001}^{(00)} m_{001}^{(11)} m_{030}^{(20)} + 2(m_{000}^{(20)})^2 m_{001}^{(00)} m_{001}^{(20)} m_{030}^{(11)} \\
&-2(m_{000}^{(20)})^2 m_{001}^{(00)} m_{001}^{(21)} m_{030}^{(10)} + 4(m_{000}^{(20)})^2 (m_{001}^{(10)})^2 m_{120}^{(21)} \\
&-2(m_{000}^{(20)})^2 m_{001}^{(10)} m_{001}^{(11)} m_{210}^{(21)} - 4(m_{000}^{(20)})^2 m_{001}^{(10)} m_{001}^{(11)} m_{120}^{(20)} \\
&-4(m_{000}^{(20)})^2 m_{001}^{(10)} m_{001}^{(20)} m_{120}^{(11)} + 4(m_{000}^{(20)})^2 m_{001}^{(10)} m_{001}^{(21)} m_{120}^{(10)} \\
&+2(m_{000}^{(20)})^2 (m_{001}^{(11)})^2 m_{210}^{(20)} + 2(m_{000}^{(20)})^2 m_{001}^{(11)} m_{001}^{(20)} m_{210}^{(11)} \\
&-2(m_{000}^{(20)})^2 m_{001}^{(11)} m_{001}^{(21)} m_{210}^{(10)} - 2m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(00)} m_{100}^{(11)} m_{012}^{(21)} \\
&+4m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(00)} m_{100}^{(21)} m_{021}^{(21)} - 2m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(00)} m_{100}^{(22)} m_{030}^{(21)} \\
&+2m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(00)} m_{010}^{(10)} m_{012}^{(21)} + 4m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(00)} m_{010}^{(11)} m_{102}^{(21)} \\
&-4m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(00)} m_{010}^{(11)} m_{012}^{(20)} + 2m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(00)} m_{010}^{(20)} m_{021}^{(21)} \\
&-4m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(00)} m_{010}^{(20)} m_{012}^{(11)} - 6m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(00)} m_{010}^{(21)} m_{111}^{(21)} \\
&+4m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(00)} m_{010}^{(21)} m_{012}^{(10)} + 2m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(00)} m_{010}^{(22)} m_{120}^{(21)} \\
&-2m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(00)} m_{001}^{(10)} m_{021}^{(21)} - 2m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(00)} m_{001}^{(11)} m_{111}^{(21)} \\
&+4m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(00)} m_{001}^{(11)} m_{021}^{(20)} - 2m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(00)} m_{001}^{(20)} m_{030}^{(21)} \\
&+4m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(00)} m_{001}^{(20)} m_{021}^{(11)} + 2m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(00)} m_{001}^{(21)} m_{120}^{(21)} \\
&-4m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(00)} m_{001}^{(21)} m_{021}^{(10)} - 4m_{000}^{(20)} m_{000}^{(21)} (m_{100}^{(10)})^2 m_{012}^{(21)} \\
&+2m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(10)} m_{100}^{(11)} m_{102}^{(21)} + 6m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(10)} m_{100}^{(11)} m_{012}^{(20)} \\
&+4m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(10)} m_{100}^{(20)} m_{021}^{(21)} + 4m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(10)} m_{100}^{(20)} m_{012}^{(11)} \\
&-4m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(10)} m_{100}^{(21)} m_{021}^{(20)} - 4m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(10)} m_{100}^{(21)} m_{012}^{(10)} \\
&-2m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(10)} m_{100}^{(22)} m_{120}^{(21)} + 2m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(10)} m_{100}^{(22)} m_{030}^{(20)} \\
&+2m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(10)} m_{010}^{(00)} m_{012}^{(21)} - 2m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(10)} m_{010}^{(11)} m_{102}^{(20)} \\
&-2m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(10)} m_{010}^{(20)} m_{111}^{(21)} + 2m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(10)} m_{010}^{(20)} m_{102}^{(11)} \\
&-2m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(10)} m_{010}^{(20)} m_{021}^{(20)} - 2m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(10)} m_{010}^{(20)} m_{012}^{(10)} \\
&-2m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(10)} m_{010}^{(21)} m_{201}^{(21)} + 6m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(10)} m_{010}^{(21)} m_{111}^{(20)} \\
&-2m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(10)} m_{010}^{(21)} m_{102}^{(10)} + 2m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(10)} m_{010}^{(21)} m_{012}^{(00)} \\
&+2m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(10)} m_{010}^{(22)} m_{210}^{(21)} - 2m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(10)} m_{010}^{(22)} m_{120}^{(20)} \\
&-2m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(10)} m_{001}^{(00)} m_{021}^{(21)} + 8m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(10)} m_{001}^{(10)} m_{111}^{(21)} \\
&-2m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(10)} m_{001}^{(11)} m_{201}^{(21)} - 4m_{000}^{(20)} m_{000}^{(21)} m_{100}^{(10)} m_{001}^{(11)} m_{111}^{(20)}
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&-2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{120}^{(21)} - 6m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{111}^{(11)}\\
&+2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{030}^{(20)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{021}^{(10)}\\
&+2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{210}^{(21)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{120}^{(20)}\\
&+6m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{111}^{(10)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{021}^{(00)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}(m_{100}^{(11)})^2m_{102}^{(20)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{102}^{(11)}\\
&-4m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{021}^{(20)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{012}^{(10)}\\
&+2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(21)}m_{102}^{(10)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(21)}m_{012}^{(00)}\\
&+2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(22)}m_{120}^{(20)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(10)}m_{102}^{(20)}\\
&+2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(20)}m_{111}^{(20)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(21)}m_{201}^{(20)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(22)}m_{210}^{(20)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(00)}m_{111}^{(21)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(10)}m_{201}^{(21)} - 4m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(10)}m_{111}^{(20)}\\
&+4m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(11)}m_{201}^{(20)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{201}^{(11)}\\
&+2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{120}^{(20)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{111}^{(10)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(21)}m_{210}^{(20)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(21)}m_{201}^{(10)}\\
&+2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(21)}m_{111}^{(00)} - 4m_{000}^{(20)}m_{000}^{(21)}(m_{100}^{(20)})^2m_{021}^{(11)}\\
&+2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(22)}m_{120}^{(11)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(22)}m_{030}^{(10)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(00)}m_{021}^{(21)} - 6m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{111}^{(21)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{102}^{(11)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{021}^{(20)}\\
&+2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{012}^{(10)} + 6m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(11)}m_{111}^{(20)}\\
&-4m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(11)}m_{102}^{(10)} + 8m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{111}^{(11)}\\
&+2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{201}^{(11)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{021}^{(00)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}m_{210}^{(11)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}m_{120}^{(10)}\\
&+2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(00)}m_{030}^{(21)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{120}^{(21)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{111}^{(11)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{030}^{(20)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{021}^{(10)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{201}^{(11)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{120}^{(20)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{111}^{(10)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(21)}m_{210}^{(11)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(21)}m_{030}^{(00)}\\
&+4m_{000}^{(20)}m_{000}^{(21)}(m_{100}^{(21)})^2m_{021}^{(00)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(21)}m_{100}^{(22)}m_{120}^{(10)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(21)}m_{100}^{(22)}m_{030}^{(00)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(00)}m_{111}^{(21)}\\
&+2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(10)}m_{201}^{(21)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(10)}m_{111}^{(20)}\\
&+2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(10)}m_{102}^{(10)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(10)}m_{012}^{(00)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(11)}m_{201}^{(20)} + 4m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(11)}m_{102}^{(00)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{201}^{(11)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{021}^{(00)}\\
&-8m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(21)}m_{111}^{(00)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(22)}m_{210}^{(10)}\\
&+2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(22)}m_{120}^{(00)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}m_{120}^{(21)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{210}^{(21)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{120}^{(20)}\\
&+2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{111}^{(10)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{021}^{(00)}\\
&+2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(11)}m_{210}^{(20)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(11)}m_{201}^{(10)}
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&-2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(11)}m_{111}^{(00)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(20)}m_{210}^{(11)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(20)}m_{030}^{(00)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{120}^{(21)}\\
&+2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{210}^{(21)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{120}^{(20)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(11)}m_{210}^{(20)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{210}^{(11)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{120}^{(10)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(21)}m_{210}^{(10)}\\
&+2m_{000}^{(20)}m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(21)}m_{120}^{(00)} + 2m_{000}^{(20)}m_{000}^{(21)}(m_{010}^{(00)})^2m_{012}^{(21)}\\
&-6m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(10)}m_{102}^{(21)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(10)}m_{012}^{(20)}\\
&+2m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(11)}m_{102}^{(20)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{102}^{(11)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{012}^{(10)} + 4m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{201}^{(21)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{102}^{(10)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{012}^{(00)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{210}^{(21)} - 4m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(00)}m_{021}^{(21)}\\
&+4m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{111}^{(21)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{021}^{(20)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(11)}m_{111}^{(20)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{120}^{(21)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{111}^{(11)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{021}^{(10)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{210}^{(21)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{111}^{(10)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{021}^{(00)} + 4m_{000}^{(20)}m_{000}^{(21)}(m_{010}^{(10)})^2m_{102}^{(20)}\\
&+4m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{201}^{(21)} + 4m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{102}^{(10)}\\
&-4m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(21)}m_{201}^{(20)} - 4m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(21)}m_{102}^{(00)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{300}^{(21)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{210}^{(20)}\\
&+4m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{111}^{(21)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{021}^{(20)}\\
&-8m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(10)}m_{111}^{(20)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(11)}m_{201}^{(20)}\\
&+2m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{210}^{(21)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{201}^{(11)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{120}^{(20)} - 6m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{111}^{(10)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{300}^{(21)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{210}^{(20)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{201}^{(10)} + 6m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{111}^{(00)}\\
&-4m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(11)}m_{010}^{(20)}m_{201}^{(20)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(11)}m_{010}^{(22)}m_{300}^{(20)}\\
&-4m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{201}^{(21)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{111}^{(20)}\\
&+2m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(10)}m_{201}^{(20)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(20)}m_{210}^{(20)}\\
&+4m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(20)}m_{201}^{(10)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(21)}m_{300}^{(20)}\\
&-4m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(21)}m_{201}^{(00)} - 4m_{000}^{(20)}m_{000}^{(21)}(m_{010}^{(20)})^2m_{201}^{(11)}\\
&+2m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(22)}m_{300}^{(11)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(22)}m_{210}^{(10)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{120}^{(21)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{111}^{(11)}\\
&+2m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{021}^{(10)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(10)}m_{210}^{(21)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(10)}m_{201}^{(11)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(10)}m_{120}^{(20)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(10)}m_{111}^{(10)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(11)}m_{210}^{(20)}\\
&+2m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(21)}m_{300}^{(11)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(21)}m_{120}^{(00)}\\
&+4m_{000}^{(20)}m_{000}^{(21)}(m_{010}^{(21)})^2m_{201}^{(00)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(21)}m_{010}^{(22)}m_{300}^{(10)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(21)}m_{010}^{(22)}m_{210}^{(00)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{210}^{(21)}
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&-2m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{111}^{(10)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{021}^{(00)}\\
&+2m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{300}^{(21)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{210}^{(20)}\\
&+2m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{201}^{(10)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{111}^{(00)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(11)}m_{300}^{(20)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{300}^{(11)}\\
&+2m_{000}^{(20)}m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{120}^{(00)} + 2m_{000}^{(20)}m_{000}^{(21)}(m_{001}^{(00)})^2m_{030}^{(21)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{120}^{(21)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{030}^{(20)}\\
&+2m_{000}^{(20)}m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{210}^{(21)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{120}^{(20)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{120}^{(11)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{030}^{(10)}\\
&+2m_{000}^{(20)}m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{120}^{(10)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{030}^{(00)}\\
&-4m_{000}^{(20)}m_{000}^{(21)}(m_{001}^{(10)})^2m_{210}^{(21)} + 4m_{000}^{(20)}m_{000}^{(21)}(m_{001}^{(10)})^2m_{120}^{(20)}\\
&+2m_{000}^{(20)}m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{300}^{(21)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{210}^{(20)}\\
&+4m_{000}^{(20)}m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{210}^{(11)} + 4m_{000}^{(20)}m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{120}^{(10)}\\
&-4m_{000}^{(20)}m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{210}^{(10)} - 4m_{000}^{(20)}m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{120}^{(00)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}(m_{001}^{(11)})^2m_{300}^{(20)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{300}^{(11)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{210}^{(10)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(21)}m_{300}^{(10)}\\
&+2m_{000}^{(20)}m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(21)}m_{210}^{(00)} + m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(11)}m_{012}^{(11)}\\
&-2m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)}m_{021}^{(11)} + m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(22)}m_{030}^{(11)}\\
&-2m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{021}^{(11)} + m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(10)}m_{012}^{(11)}\\
&-2m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(11)}m_{102}^{(11)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(11)}m_{021}^{(20)}\\
&+m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(20)}m_{021}^{(11)} + 3m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{111}^{(11)}\\
&-2m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{021}^{(10)} - m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(22)}m_{120}^{(11)}\\
&+2m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(10)}m_{030}^{(21)} - m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(10)}m_{021}^{(11)}\\
&+m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(11)}m_{111}^{(11)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(11)}m_{030}^{(20)}\\
&-m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(20)}m_{030}^{(11)} - m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(21)}m_{120}^{(11)}\\
&+2m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(21)}m_{030}^{(10)} + 2m_{000}^{(20)}m_{000}^{(22)}(m_{100}^{(10)})^2m_{021}^{(21)}\\
&-2m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{111}^{(21)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{021}^{(20)}\\
&-2m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{012}^{(10)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(20)}m_{030}^{(21)}\\
&-2m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(20)}m_{021}^{(11)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}m_{120}^{(21)}\\
&+6m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}m_{021}^{(10)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(22)}m_{030}^{(10)}\\
&-m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(00)}m_{012}^{(11)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}m_{201}^{(21)}\\
&-2m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}m_{111}^{(20)} + 4m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}m_{102}^{(10)}\\
&-m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}m_{012}^{(00)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{120}^{(21)}\\
&-2m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{111}^{(11)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{021}^{(10)}\\
&-2m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{210}^{(10)} - 4m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{111}^{(10)}\\
&+2m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(22)}m_{120}^{(10)} + m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(00)}m_{021}^{(11)}\\
&-4m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)}m_{120}^{(21)} + 4m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{120}^{(20)}\\
&-2m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{111}^{(10)} + m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{021}^{(00)}\\
&+4m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(20)}m_{120}^{(11)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(20)}m_{030}^{(10)}
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&-2m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(21)}m_{120}^{(10)} + 2m_{000}^{(20)}m_{000}^{(22)}(m_{100}^{(11)})^2m_{111}^{(20)}\\
&+m_{000}^{(20)}m_{000}^{(22)}(m_{100}^{(11)})^2m_{012}^{(00)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{111}^{(11)}\\
&+2m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{030}^{(20)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(21)}m_{120}^{(20)}\\
&-2m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(21)}m_{111}^{(10)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(21)}m_{021}^{(00)}\\
&+m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(22)}m_{030}^{(00)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(10)}m_{111}^{(20)}\\
&+m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(10)}m_{012}^{(00)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(11)}m_{201}^{(20)}\\
&-2m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(11)}m_{102}^{(00)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)}m_{120}^{(20)}\\
&-m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)}m_{021}^{(00)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(21)}m_{210}^{(20)}\\
&+3m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(21)}m_{111}^{(00)} - m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(22)}m_{120}^{(00)}\\
&-m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(00)}m_{111}^{(11)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(10)}m_{210}^{(21)}\\
&+2m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(10)}m_{111}^{(10)} - m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(10)}m_{021}^{(00)}\\
&-2m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(11)}m_{210}^{(20)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(20)}m_{210}^{(11)}\\
&+m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(20)}m_{030}^{(00)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(21)}m_{210}^{(10)}\\
&-m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(21)}m_{120}^{(00)} + 2m_{000}^{(20)}m_{000}^{(22)}(m_{100}^{(20)})^2m_{030}^{(11)}\\
&-2m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(21)}m_{120}^{(11)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(21)}m_{030}^{(10)}\\
&+m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(00)}m_{021}^{(11)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{120}^{(21)}\\
&+2m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{111}^{(11)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{021}^{(10)}\\
&-2m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{201}^{(11)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{120}^{(20)}\\
&+m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{021}^{(00)} - 4m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(20)}m_{120}^{(11)}\\
&+2m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(21)}m_{210}^{(11)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(21)}m_{120}^{(10)}\\
&-m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(00)}m_{030}^{(11)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(10)}m_{030}^{(10)}\\
&-m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(11)}m_{030}^{(00)} + 2m_{000}^{(20)}m_{000}^{(22)}(m_{100}^{(21)})^2m_{120}^{(10)}\\
&+m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}m_{111}^{(11)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{210}^{(21)}\\
&-4m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{111}^{(10)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)}m_{210}^{(20)}\\
&+2m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)}m_{201}^{(10)} + m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)}m_{111}^{(00)}\\
&+2m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(20)}m_{210}^{(11)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(20)}m_{120}^{(10)}\\
&-4m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(21)}m_{210}^{(10)} + m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(00)}m_{120}^{(11)}\\
&-2m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(10)}m_{120}^{(10)} + m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(11)}m_{120}^{(00)}\\
&-m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(00)}m_{120}^{(11)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)}m_{120}^{(10)}\\
&-m_{000}^{(20)}m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(11)}m_{120}^{(00)} - m_{000}^{(20)}m_{000}^{(22)}(m_{010}^{(00)})^2m_{012}^{(11)}\\
&+2m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{111}^{(21)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{102}^{(11)}\\
&+2m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{012}^{(10)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{111}^{(20)}\\
&-m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{012}^{(00)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{111}^{(11)}\\
&-2m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{201}^{(11)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{111}^{(10)}\\
&+m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(22)}m_{210}^{(11)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(00)}m_{021}^{(11)}\\
&-2m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{120}^{(21)} - m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{111}^{(11)}\\
&-2m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{021}^{(10)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{120}^{(20)}\\
&+m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{021}^{(00)} + m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{120}^{(11)}
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&+m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{210}^{(11)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{120}^{(10)}\\
&-2m_{000}^{(20)}m_{000}^{(22)}(m_{010}^{(10)})^2m_{201}^{(21)} - 4m_{000}^{(20)}m_{000}^{(22)}(m_{010}^{(10)})^2m_{102}^{(10)}\\
&+2m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(11)}m_{201}^{(20)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(11)}m_{102}^{(00)}\\
&-2m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{210}^{(21)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{201}^{(11)}\\
&+2m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{300}^{(21)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{201}^{(10)}\\
&-2m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{210}^{(10)} - 3m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{111}^{(11)}\\
&-2m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{021}^{(10)} + 4m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{210}^{(21)}\\
&+8m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{111}^{(10)} - 4m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{210}^{(20)}\\
&-3m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{111}^{(00)} - 4m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{210}^{(11)}\\
&+2m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{120}^{(10)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{210}^{(10)}\\
&+2m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{210}^{(20)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(21)}m_{300}^{(20)}\\
&-2m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(21)}m_{201}^{(00)} + m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(22)}m_{210}^{(00)}\\
&+2m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{201}^{(11)} + m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{021}^{(00)}\\
&-2m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{300}^{(21)} - 4m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{201}^{(10)}\\
&-m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{111}^{(00)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(11)}m_{300}^{(20)}\\
&+2m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(11)}m_{201}^{(00)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{300}^{(11)}\\
&-m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{120}^{(00)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(21)}m_{300}^{(10)}\\
&+m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(21)}m_{210}^{(00)} + 2m_{000}^{(20)}m_{000}^{(22)}(m_{010}^{(20)})^2m_{210}^{(11)}\\
&-2m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{300}^{(11)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{210}^{(10)}\\
&+m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(00)}m_{120}^{(11)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{120}^{(10)}\\
&+m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{120}^{(00)} + 2m_{000}^{(20)}m_{000}^{(22)}(m_{010}^{(21)})^2m_{300}^{(10)}\\
&-m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{210}^{(11)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{210}^{(10)}\\
&-m_{000}^{(20)}m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(11)}m_{210}^{(00)} - m_{000}^{(20)}m_{000}^{(22)}(m_{001}^{(00)})^2m_{030}^{(11)}\\
&+2m_{000}^{(20)}m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{120}^{(11)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{030}^{(10)}\\
&-m_{000}^{(20)}m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{210}^{(11)} - m_{000}^{(20)}m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{030}^{(00)}\\
&-4m_{000}^{(20)}m_{000}^{(22)}(m_{001}^{(10)})^2m_{120}^{(10)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{210}^{(10)}\\
&+2m_{000}^{(20)}m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{120}^{(00)} - m_{000}^{(20)}m_{000}^{(22)}(m_{001}^{(11)})^2m_{210}^{(00)}\\
&+4(m_{000}^{(21)})^2m_{100}^{(00)}m_{100}^{(10)}m_{012}^{(21)} - 2(m_{000}^{(21)})^2m_{100}^{(00)}m_{100}^{(11)}m_{102}^{(21)}\\
&-4(m_{000}^{(21)})^2m_{100}^{(00)}m_{100}^{(20)}m_{021}^{(21)} + 2(m_{000}^{(21)})^2m_{100}^{(00)}m_{100}^{(22)}m_{120}^{(21)}\\
&-4(m_{000}^{(21)})^2m_{100}^{(00)}m_{010}^{(00)}m_{012}^{(21)} - 2(m_{000}^{(21)})^2m_{100}^{(00)}m_{010}^{(10)}m_{102}^{(21)}\\
&+4(m_{000}^{(21)})^2m_{100}^{(00)}m_{010}^{(10)}m_{012}^{(20)} + 2(m_{000}^{(21)})^2m_{100}^{(00)}m_{010}^{(20)}m_{111}^{(21)}\\
&+4(m_{000}^{(21)})^2m_{100}^{(00)}m_{010}^{(20)}m_{012}^{(10)} + 2(m_{000}^{(21)})^2m_{100}^{(00)}m_{010}^{(21)}m_{201}^{(21)}\\
&-4(m_{000}^{(21)})^2m_{100}^{(00)}m_{010}^{(21)}m_{012}^{(00)} - 2(m_{000}^{(21)})^2m_{100}^{(00)}m_{010}^{(22)}m_{210}^{(21)}\\
&+4(m_{000}^{(21)})^2m_{100}^{(00)}m_{001}^{(00)}m_{021}^{(21)} - 2(m_{000}^{(21)})^2m_{100}^{(00)}m_{001}^{(10)}m_{111}^{(21)}\\
&-4(m_{000}^{(21)})^2m_{100}^{(00)}m_{001}^{(10)}m_{021}^{(20)} + 2(m_{000}^{(21)})^2m_{100}^{(00)}m_{001}^{(11)}m_{201}^{(21)}\\
&+2(m_{000}^{(21)})^2m_{100}^{(00)}m_{001}^{(20)}m_{120}^{(21)} - 4(m_{000}^{(21)})^2m_{100}^{(00)}m_{001}^{(20)}m_{021}^{(10)}\\
&-2(m_{000}^{(21)})^2m_{100}^{(00)}m_{001}^{(21)}m_{210}^{(21)} + 4(m_{000}^{(21)})^2m_{100}^{(00)}m_{001}^{(21)}m_{021}^{(00)}\\
&-4(m_{000}^{(21)})^2(m_{100}^{(10)})^2m_{012}^{(20)} + 2(m_{000}^{(21)})^2m_{100}^{(10)}m_{100}^{(11)}m_{102}^{(20)}
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&+4(m_{000}^{(21)})^2 m_{100}^{(10)} m_{100}^{(20)} m_{021}^{(20)} - 4(m_{000}^{(21)})^2 m_{100}^{(10)} m_{100}^{(20)} m_{012}^{(10)} \\
&+4(m_{000}^{(21)})^2 m_{100}^{(10)} m_{100}^{(21)} m_{012}^{(00)} - 2(m_{000}^{(21)})^2 m_{100}^{(10)} m_{100}^{(22)} m_{120}^{(20)} \\
&+2(m_{000}^{(21)})^2 m_{100}^{(10)} m_{010}^{(00)} m_{102}^{(21)} - 2(m_{000}^{(21)})^2 m_{100}^{(10)} m_{010}^{(20)} m_{111}^{(20)} \\
&-2(m_{000}^{(21)})^2 m_{100}^{(10)} m_{010}^{(20)} m_{102}^{(10)} - 2(m_{000}^{(21)})^2 m_{100}^{(10)} m_{010}^{(21)} m_{201}^{(20)} \\
&+2(m_{000}^{(21)})^2 m_{100}^{(10)} m_{010}^{(21)} m_{102}^{(00)} + 2(m_{000}^{(21)})^2 m_{100}^{(10)} m_{010}^{(22)} m_{210}^{(20)} \\
&-6(m_{000}^{(21)})^2 m_{100}^{(10)} m_{001}^{(00)} m_{111}^{(21)} + 8(m_{000}^{(21)})^2 m_{100}^{(10)} m_{001}^{(10)} m_{111}^{(20)} \\
&-2(m_{000}^{(21)})^2 m_{100}^{(10)} m_{001}^{(11)} m_{201}^{(20)} - 2(m_{000}^{(21)})^2 m_{100}^{(10)} m_{001}^{(20)} m_{120}^{(20)} \\
&+6(m_{000}^{(21)})^2 m_{100}^{(10)} m_{001}^{(20)} m_{111}^{(10)} + 2(m_{000}^{(21)})^2 m_{100}^{(10)} m_{001}^{(21)} m_{210}^{(20)} \\
&-6(m_{000}^{(21)})^2 m_{100}^{(10)} m_{001}^{(21)} m_{111}^{(00)} + 2(m_{000}^{(21)})^2 m_{100}^{(11)} m_{100}^{(20)} m_{102}^{(10)} \\
&-2(m_{000}^{(21)})^2 m_{100}^{(11)} m_{100}^{(21)} m_{102}^{(00)} + 2(m_{000}^{(21)})^2 m_{100}^{(11)} m_{001}^{(00)} m_{201}^{(21)} \\
&-2(m_{000}^{(21)})^2 m_{100}^{(11)} m_{001}^{(10)} m_{201}^{(20)} - 2(m_{000}^{(21)})^2 m_{100}^{(11)} m_{001}^{(20)} m_{201}^{(10)} \\
&+2(m_{000}^{(21)})^2 m_{100}^{(11)} m_{001}^{(21)} m_{201}^{(00)} + 4(m_{000}^{(21)})^2 (m_{100}^{(20)})^2 m_{021}^{(10)} \\
&-4(m_{000}^{(21)})^2 m_{100}^{(20)} m_{100}^{(21)} m_{021}^{(00)} - 2(m_{000}^{(21)})^2 m_{100}^{(20)} m_{100}^{(22)} m_{120}^{(10)} \\
&+6(m_{000}^{(21)})^2 m_{100}^{(20)} m_{010}^{(00)} m_{111}^{(21)} - 6(m_{000}^{(21)})^2 m_{100}^{(20)} m_{010}^{(10)} m_{111}^{(20)} \\
&+2(m_{000}^{(21)})^2 m_{100}^{(20)} m_{010}^{(10)} m_{102}^{(10)} - 8(m_{000}^{(21)})^2 m_{100}^{(20)} m_{010}^{(20)} m_{111}^{(10)} \\
&-2(m_{000}^{(21)})^2 m_{100}^{(20)} m_{010}^{(21)} m_{201}^{(10)} + 6(m_{000}^{(21)})^2 m_{100}^{(20)} m_{010}^{(21)} m_{111}^{(00)} \\
&+2(m_{000}^{(21)})^2 m_{100}^{(20)} m_{010}^{(22)} m_{210}^{(10)} - 2(m_{000}^{(21)})^2 m_{100}^{(20)} m_{001}^{(00)} m_{120}^{(21)} \\
&+2(m_{000}^{(21)})^2 m_{100}^{(20)} m_{001}^{(10)} m_{120}^{(20)} + 2(m_{000}^{(21)})^2 m_{100}^{(20)} m_{001}^{(10)} m_{111}^{(10)} \\
&-2(m_{000}^{(21)})^2 m_{100}^{(20)} m_{001}^{(11)} m_{201}^{(10)} + 2(m_{000}^{(21)})^2 m_{100}^{(20)} m_{001}^{(21)} m_{210}^{(10)} \\
&-2(m_{000}^{(21)})^2 m_{100}^{(20)} m_{001}^{(21)} m_{120}^{(00)} + 2(m_{000}^{(21)})^2 m_{100}^{(21)} m_{100}^{(22)} m_{120}^{(00)} \\
&-2(m_{000}^{(21)})^2 m_{100}^{(21)} m_{010}^{(00)} m_{201}^{(21)} + 2(m_{000}^{(21)})^2 m_{100}^{(21)} m_{010}^{(10)} m_{201}^{(20)} \\
&-2(m_{000}^{(21)})^2 m_{100}^{(21)} m_{010}^{(10)} m_{102}^{(00)} + 2(m_{000}^{(21)})^2 m_{100}^{(21)} m_{010}^{(20)} m_{201}^{(10)} \\
&+2(m_{000}^{(21)})^2 m_{100}^{(21)} m_{010}^{(20)} m_{111}^{(00)} - 2(m_{000}^{(21)})^2 m_{100}^{(21)} m_{010}^{(22)} m_{210}^{(00)} \\
&+2(m_{000}^{(21)})^2 m_{100}^{(21)} m_{001}^{(00)} m_{210}^{(21)} - 2(m_{000}^{(21)})^2 m_{100}^{(21)} m_{001}^{(10)} m_{210}^{(20)} \\
&-2(m_{000}^{(21)})^2 m_{100}^{(21)} m_{001}^{(10)} m_{111}^{(00)} + 2(m_{000}^{(21)})^2 m_{100}^{(21)} m_{001}^{(11)} m_{201}^{(00)} \\
&-2(m_{000}^{(21)})^2 m_{100}^{(21)} m_{001}^{(20)} m_{210}^{(10)} + 2(m_{000}^{(21)})^2 m_{100}^{(21)} m_{001}^{(20)} m_{120}^{(00)} \\
&-2(m_{000}^{(21)})^2 m_{100}^{(22)} m_{010}^{(00)} m_{210}^{(21)} + 2(m_{000}^{(21)})^2 m_{100}^{(22)} m_{010}^{(10)} m_{210}^{(20)} \\
&+2(m_{000}^{(21)})^2 m_{100}^{(22)} m_{010}^{(20)} m_{210}^{(10)} - 2(m_{000}^{(21)})^2 m_{100}^{(22)} m_{010}^{(21)} m_{210}^{(00)} \\
&+2(m_{000}^{(21)})^2 (m_{010}^{(00)})^2 m_{102}^{(21)} - 2(m_{000}^{(21)})^2 m_{010}^{(00)} m_{010}^{(10)} m_{102}^{(20)} \\
&-4(m_{000}^{(21)})^2 m_{010}^{(00)} m_{010}^{(20)} m_{201}^{(21)} - 2(m_{000}^{(21)})^2 m_{010}^{(00)} m_{010}^{(20)} m_{102}^{(10)} \\
&+2(m_{000}^{(21)})^2 m_{010}^{(00)} m_{010}^{(21)} m_{102}^{(00)} + 2(m_{000}^{(21)})^2 m_{010}^{(00)} m_{010}^{(22)} m_{300}^{(21)} \\
&-2(m_{000}^{(21)})^2 m_{010}^{(00)} m_{001}^{(10)} m_{201}^{(21)} + 2(m_{000}^{(21)})^2 m_{010}^{(00)} m_{001}^{(10)} m_{111}^{(20)} \\
&-2(m_{000}^{(21)})^2 m_{010}^{(00)} m_{001}^{(20)} m_{210}^{(21)} + 2(m_{000}^{(21)})^2 m_{010}^{(00)} m_{001}^{(20)} m_{111}^{(10)} \\
&+2(m_{000}^{(21)})^2 m_{010}^{(00)} m_{001}^{(21)} m_{300}^{(21)} - 2(m_{000}^{(21)})^2 m_{010}^{(00)} m_{001}^{(21)} m_{111}^{(00)} \\
&+4(m_{000}^{(21)})^2 m_{010}^{(10)} m_{010}^{(20)} m_{201}^{(20)} - 2(m_{000}^{(21)})^2 m_{010}^{(10)} m_{010}^{(22)} m_{300}^{(20)} \\
&+2(m_{000}^{(21)})^2 m_{010}^{(10)} m_{001}^{(00)} m_{201}^{(21)} - 2(m_{000}^{(21)})^2 m_{010}^{(10)} m_{001}^{(00)} m_{111}^{(20)} \\
&+2(m_{000}^{(21)})^2 m_{010}^{(10)} m_{001}^{(20)} m_{210}^{(20)} - 2(m_{000}^{(21)})^2 m_{010}^{(10)} m_{001}^{(20)} m_{201}^{(10)} \\
&-2(m_{000}^{(21)})^2 m_{010}^{(10)} m_{001}^{(21)} m_{300}^{(20)} + 2(m_{000}^{(21)})^2 m_{010}^{(10)} m_{001}^{(21)} m_{201}^{(00)}
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&+4(m_{000}^{(21)})^2(m_{010}^{(20)})^2m_{201}^{(10)} - 4(m_{000}^{(21)})^2m_{010}^{(20)}m_{010}^{(21)}m_{201}^{(00)}\\
&-2(m_{000}^{(21)})^2m_{010}^{(20)}m_{010}^{(22)}m_{300}^{(10)} + 2(m_{000}^{(21)})^2m_{010}^{(20)}m_{001}^{(00)}m_{210}^{(21)}\\
&-2(m_{000}^{(21)})^2m_{010}^{(20)}m_{001}^{(00)}m_{111}^{(10)} - 2(m_{000}^{(21)})^2m_{010}^{(20)}m_{001}^{(10)}m_{210}^{(20)}\\
&+2(m_{000}^{(21)})^2m_{010}^{(20)}m_{001}^{(10)}m_{201}^{(10)} - 2(m_{000}^{(21)})^2m_{010}^{(20)}m_{001}^{(21)}m_{300}^{(10)}\\
&+2(m_{000}^{(21)})^2m_{010}^{(20)}m_{001}^{(21)}m_{210}^{(00)} + 2(m_{000}^{(21)})^2m_{010}^{(21)}m_{010}^{(22)}m_{300}^{(00)}\\
&-2(m_{000}^{(21)})^2m_{010}^{(21)}m_{001}^{(00)}m_{300}^{(21)} + 2(m_{000}^{(21)})^2m_{010}^{(21)}m_{001}^{(00)}m_{111}^{(00)}\\
&+2(m_{000}^{(21)})^2m_{010}^{(21)}m_{001}^{(10)}m_{300}^{(20)} - 2(m_{000}^{(21)})^2m_{010}^{(21)}m_{001}^{(10)}m_{201}^{(00)}\\
&+2(m_{000}^{(21)})^2m_{010}^{(21)}m_{001}^{(20)}m_{300}^{(10)} - 2(m_{000}^{(21)})^2m_{010}^{(21)}m_{001}^{(20)}m_{210}^{(00)}\\
&-2(m_{000}^{(21)})^2(m_{001}^{(00)})^2m_{120}^{(21)} + 4(m_{000}^{(21)})^2m_{001}^{(00)}m_{001}^{(10)}m_{210}^{(21)}\\
&+2(m_{000}^{(21)})^2m_{001}^{(00)}m_{001}^{(10)}m_{120}^{(20)} - 2(m_{000}^{(21)})^2m_{001}^{(00)}m_{001}^{(11)}m_{300}^{(21)}\\
&+2(m_{000}^{(21)})^2m_{001}^{(00)}m_{001}^{(20)}m_{120}^{(10)} - 2(m_{000}^{(21)})^2m_{001}^{(00)}m_{001}^{(21)}m_{120}^{(00)}\\
&-4(m_{000}^{(21)})^2(m_{001}^{(10)})^2m_{210}^{(20)} + 2(m_{000}^{(21)})^2m_{001}^{(10)}m_{001}^{(11)}m_{300}^{(20)}\\
&-4(m_{000}^{(21)})^2m_{001}^{(10)}m_{001}^{(20)}m_{210}^{(10)} + 4(m_{000}^{(21)})^2m_{001}^{(10)}m_{001}^{(21)}m_{210}^{(00)}\\
&+2(m_{000}^{(21)})^2m_{001}^{(11)}m_{001}^{(20)}m_{300}^{(10)} - 2(m_{000}^{(21)})^2m_{001}^{(11)}m_{001}^{(21)}m_{300}^{(00)}\\
&-2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(10)}m_{021}^{(21)} - 2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(10)}m_{012}^{(11)}\\
&+2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(11)}m_{111}^{(21)} + m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(11)}m_{102}^{(11)}\\
&+2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(20)}m_{030}^{(21)} + 2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(20)}m_{021}^{(11)}\\
&-2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)}m_{120}^{(21)} - m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(22)}m_{120}^{(11)}\\
&+2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(00)}m_{021}^{(21)} + 2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(00)}m_{012}^{(11)}\\
&+2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(10)}m_{111}^{(21)} + m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(10)}m_{102}^{(11)}\\
&-2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(10)}m_{021}^{(20)} - 4m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(10)}m_{012}^{(10)}\\
&-2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(11)}m_{201}^{(21)} + 2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(11)}m_{012}^{(00)}\\
&-2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(20)}m_{120}^{(21)} - m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(20)}m_{111}^{(11)}\\
&-2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(20)}m_{021}^{(10)} + 2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{210}^{(21)}\\
&-m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{201}^{(11)} + 2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{021}^{(00)}\\
&+m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(22)}m_{210}^{(11)} - 2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(00)}m_{030}^{(21)}\\
&-2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(00)}m_{021}^{(11)} + m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(10)}m_{111}^{(11)}\\
&+2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(10)}m_{030}^{(20)} + 4m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(10)}m_{021}^{(10)}\\
&-m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(11)}m_{201}^{(11)} - 2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(11)}m_{021}^{(00)}\\
&-m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(20)}m_{120}^{(11)} + 2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(20)}m_{030}^{(10)}\\
&+m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(21)}m_{210}^{(11)} - 2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(21)}m_{030}^{(00)}\\
&+2m_{000}^{(21)}m_{000}^{(22)}(m_{100}^{(10)})^2m_{021}^{(20)} + 4m_{000}^{(21)}m_{000}^{(22)}(m_{100}^{(10)})^2m_{012}^{(10)}\\
&-2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{111}^{(20)} - 2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{102}^{(10)}\\
&-2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{012}^{(00)} - 2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(20)}m_{030}^{(20)}\\
&-2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(20)}m_{021}^{(10)} + 2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}m_{120}^{(20)}\\
&-2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}m_{021}^{(00)} + 2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(22)}m_{120}^{(10)}\\
&-2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(00)}m_{111}^{(21)} - m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(00)}m_{102}^{(11)}\\
&+2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}m_{201}^{(20)} - m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}m_{102}^{(00)}
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&+2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{120}^{(20)} + 4m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{111}^{(10)}\\
&-2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{210}^{(20)} + 2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{201}^{(10)}\\
&-2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{111}^{(00)} - 2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(22)}m_{210}^{(10)}\\
&+4m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(00)}m_{120}^{(21)} + 3m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(00)}m_{111}^{(11)}\\
&-4m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)}m_{120}^{(20)} - 8m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)}m_{111}^{(10)}\\
&+2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{201}^{(10)} + 3m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{111}^{(00)}\\
&-2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(20)}m_{120}^{(10)} - 2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(21)}m_{210}^{(10)}\\
&+4m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(21)}m_{120}^{(00)} + m_{000}^{(21)}m_{000}^{(22)}(m_{100}^{(11)})^2m_{102}^{(00)}\\
&-2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{111}^{(10)} + 2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{021}^{(00)}\\
&+2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(21)}m_{111}^{(00)} - m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(22)}m_{120}^{(00)}\\
&+m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(10)}m_{102}^{(00)} - m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)}m_{111}^{(00)}\\
&-m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(21)}m_{201}^{(00)} + m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(22)}m_{210}^{(00)}\\
&-2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(00)}m_{210}^{(21)} - m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(00)}m_{201}^{(11)}\\
&+2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(10)}m_{210}^{(20)} + 2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(10)}m_{201}^{(10)}\\
&+m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(10)}m_{111}^{(00)} - 2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(11)}m_{201}^{(00)}\\
&+2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(20)}m_{210}^{(10)} - m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(20)}m_{120}^{(00)}\\
&-m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(21)}m_{210}^{(00)} - 2m_{000}^{(21)}m_{000}^{(22)}(m_{100}^{(20)})^2m_{030}^{(10)}\\
&+2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(21)}m_{120}^{(10)} + 2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(21)}m_{030}^{(00)}\\
&-2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(00)}m_{120}^{(21)} - 3m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(00)}m_{111}^{(11)}\\
&+2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{120}^{(20)} + 4m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{111}^{(10)}\\
&+2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{201}^{(10)} - 3m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{111}^{(00)}\\
&+4m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(20)}m_{120}^{(10)} - 2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(21)}m_{210}^{(10)}\\
&-2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(21)}m_{120}^{(00)} + m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(00)}m_{120}^{(11)}\\
&-2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(10)}m_{120}^{(10)} + m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(11)}m_{120}^{(00)}\\
&-2m_{000}^{(21)}m_{000}^{(22)}(m_{100}^{(21)})^2m_{120}^{(00)} + 2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}m_{210}^{(21)}\\
&+m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}m_{201}^{(11)} - 2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{210}^{(20)}\\
&-2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{201}^{(10)} + 2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{111}^{(00)}\\
&-m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)}m_{201}^{(00)} - 2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(20)}m_{210}^{(10)}\\
&-2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(20)}m_{120}^{(00)} + 4m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(21)}m_{210}^{(00)}\\
&-m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(00)}m_{210}^{(11)} + 2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(10)}m_{210}^{(10)}\\
&-m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(11)}m_{210}^{(00)} + m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(00)}m_{210}^{(11)}\\
&-2m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)}m_{210}^{(10)} + m_{000}^{(21)}m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(11)}m_{210}^{(00)}\\
&-2m_{000}^{(21)}m_{000}^{(22)}(m_{010}^{(00)})^2m_{111}^{(21)} - m_{000}^{(21)}m_{000}^{(22)}(m_{010}^{(00)})^2m_{102}^{(11)}\\
&+2m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{201}^{(21)} + 2m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{111}^{(20)}\\
&+2m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{102}^{(10)} - m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{102}^{(00)}\\
&+2m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{210}^{(21)} + 2m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{201}^{(11)}\\
&+2m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{111}^{(10)} - 2m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{300}^{(21)}\\
&-2m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{111}^{(00)} - m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(22)}m_{300}^{(11)}
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&+2m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(00)}m_{120}^{(21)} + m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{201}^{(11)}\\
&-2m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{120}^{(20)} - 2m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{111}^{(10)}\\
&+m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{111}^{(00)} + m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{210}^{(11)}\\
&-2m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{120}^{(10)} - m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{300}^{(11)}\\
&+2m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{120}^{(00)} - 2m_{000}^{(21)}m_{000}^{(22)}(m_{010}^{(10)})^2m_{201}^{(20)}\\
&-2m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{210}^{(20)} - 6m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{201}^{(10)}\\
&+2m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{300}^{(20)} + 2m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{201}^{(00)}\\
&+2m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{300}^{(10)} - 4m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{210}^{(21)}\\
&-m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{201}^{(11)} + 2m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{111}^{(10)}\\
&+4m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{210}^{(20)} - m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{201}^{(00)}\\
&+2m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{210}^{(10)} + 2m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{300}^{(10)}\\
&-4m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{210}^{(00)} + 2m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{201}^{(00)}\\
&-m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(22)}m_{300}^{(00)} + 2m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{300}^{(21)}\\
&-m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{111}^{(00)} - 2m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{300}^{(20)}\\
&+m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{201}^{(00)} - 2m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{300}^{(10)}\\
&+m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{210}^{(00)} + m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(21)}m_{300}^{(00)}\\
&-2m_{000}^{(21)}m_{000}^{(22)}(m_{010}^{(20)})^2m_{210}^{(10)} + 2m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{300}^{(10)}\\
&+2m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{210}^{(00)} - m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(00)}m_{210}^{(11)}\\
&+2m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{210}^{(10)} - m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{210}^{(00)}\\
&-2m_{000}^{(21)}m_{000}^{(22)}(m_{010}^{(21)})^2m_{300}^{(00)} + m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{300}^{(11)}\\
&-2m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{300}^{(10)} + m_{000}^{(21)}m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(11)}m_{300}^{(00)}\\
&+m_{000}^{(21)}m_{000}^{(22)}(m_{001}^{(00)})^2m_{120}^{(11)} - 2m_{000}^{(21)}m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{210}^{(11)}\\
&-2m_{000}^{(21)}m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{120}^{(10)} + m_{000}^{(21)}m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{300}^{(11)}\\
&+m_{000}^{(21)}m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{120}^{(00)} + 4m_{000}^{(21)}m_{000}^{(22)}(m_{001}^{(10)})^2m_{210}^{(10)}\\
&-2m_{000}^{(21)}m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{300}^{(10)} - 2m_{000}^{(21)}m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{210}^{(00)}\\
&+m_{000}^{(21)}m_{000}^{(22)}(m_{001}^{(11)})^2m_{300}^{(00)} + (m_{000}^{(22)})^2m_{100}^{(00)}m_{100}^{(10)}m_{021}^{(11)}\\
&-(m_{000}^{(22)})^2m_{100}^{(00)}m_{100}^{(11)}m_{111}^{(11)} - (m_{000}^{(22)})^2m_{100}^{(00)}m_{100}^{(20)}m_{030}^{(11)}\\
&+(m_{000}^{(22)})^2m_{100}^{(00)}m_{100}^{(21)}m_{120}^{(11)} - (m_{000}^{(22)})^2m_{100}^{(00)}m_{010}^{(00)}m_{021}^{(11)}\\
&-(m_{000}^{(22)})^2m_{100}^{(00)}m_{010}^{(10)}m_{111}^{(11)} + 2(m_{000}^{(22)})^2m_{100}^{(00)}m_{010}^{(10)}m_{021}^{(10)}\\
&+(m_{000}^{(22)})^2m_{100}^{(00)}m_{010}^{(11)}m_{201}^{(11)} - (m_{000}^{(22)})^2m_{100}^{(00)}m_{010}^{(11)}m_{021}^{(00)}\\
&+(m_{000}^{(22)})^2m_{100}^{(00)}m_{010}^{(20)}m_{120}^{(11)} - (m_{000}^{(22)})^2m_{100}^{(00)}m_{010}^{(21)}m_{210}^{(11)}\\
&+(m_{000}^{(22)})^2m_{100}^{(00)}m_{001}^{(00)}m_{030}^{(11)} - 2(m_{000}^{(22)})^2m_{100}^{(00)}m_{001}^{(10)}m_{030}^{(10)}\\
&+(m_{000}^{(22)})^2m_{100}^{(00)}m_{001}^{(11)}m_{030}^{(00)} - 2(m_{000}^{(22)})^2(m_{100}^{(10)})^2m_{021}^{(10)}\\
&+2(m_{000}^{(22)})^2m_{100}^{(10)}m_{100}^{(11)}m_{111}^{(10)} + (m_{000}^{(22)})^2m_{100}^{(10)}m_{100}^{(11)}m_{021}^{(00)}\\
&+2(m_{000}^{(22)})^2m_{100}^{(10)}m_{100}^{(20)}m_{030}^{(10)} - 2(m_{000}^{(22)})^2m_{100}^{(10)}m_{100}^{(21)}m_{120}^{(10)}\\
&+(m_{000}^{(22)})^2m_{100}^{(10)}m_{010}^{(00)}m_{111}^{(11)} - 2(m_{000}^{(22)})^2m_{100}^{(10)}m_{010}^{(11)}m_{201}^{(10)}\\
&+(m_{000}^{(22)})^2m_{100}^{(10)}m_{010}^{(11)}m_{111}^{(00)} - 2(m_{000}^{(22)})^2m_{100}^{(10)}m_{010}^{(20)}m_{120}^{(10)}\\
&+2(m_{000}^{(22)})^2m_{100}^{(10)}m_{010}^{(21)}m_{210}^{(10)} - 2(m_{000}^{(22)})^2m_{100}^{(10)}m_{001}^{(00)}m_{120}^{(11)}
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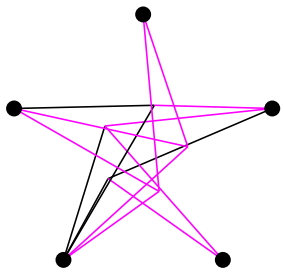
&+4(m_{000}^{(22)})^2 m_{100}^{(10)} m_{001}^{(10)} m_{120}^{(10)} - 2(m_{000}^{(22)})^2 m_{100}^{(10)} m_{001}^{(11)} m_{120}^{(00)} \\
&-(m_{000}^{(22)})^2 (m_{100}^{(11)})^2 m_{111}^{(00)} - (m_{000}^{(22)})^2 m_{100}^{(11)} m_{100}^{(20)} m_{030}^{(00)} + (m_{000}^{(22)})^2 m_{100}^{(11)} m_{100}^{(21)} m_{120}^{(00)} \\
&-(m_{000}^{(22)})^2 m_{100}^{(11)} m_{010}^{(10)} m_{111}^{(00)} + (m_{000}^{(22)})^2 m_{100}^{(11)} m_{010}^{(11)} m_{201}^{(00)} \\
&+(m_{000}^{(22)})^2 m_{100}^{(11)} m_{010}^{(20)} m_{120}^{(00)} - (m_{000}^{(22)})^2 m_{100}^{(11)} m_{010}^{(21)} m_{210}^{(00)} \\
&+(m_{000}^{(22)})^2 m_{100}^{(11)} m_{001}^{(00)} m_{210}^{(11)} - 2(m_{000}^{(22)})^2 m_{100}^{(11)} m_{001}^{(10)} m_{210}^{(10)} \\
&+(m_{000}^{(22)})^2 m_{100}^{(11)} m_{001}^{(11)} m_{210}^{(00)} + (m_{000}^{(22)})^2 m_{100}^{(20)} m_{010}^{(00)} m_{120}^{(11)} \\
&-2(m_{000}^{(22)})^2 m_{100}^{(20)} m_{010}^{(10)} m_{120}^{(10)} + (m_{000}^{(22)})^2 m_{100}^{(20)} m_{010}^{(11)} m_{120}^{(00)} \\
&-(m_{000}^{(22)})^2 m_{100}^{(21)} m_{010}^{(00)} m_{210}^{(11)} + 2(m_{000}^{(22)})^2 m_{100}^{(21)} m_{010}^{(10)} m_{210}^{(10)} \\
&-(m_{000}^{(22)})^2 m_{100}^{(21)} m_{010}^{(11)} m_{210}^{(00)} + (m_{000}^{(22)})^2 (m_{010}^{(00)})^2 m_{111}^{(11)} - (m_{000}^{(22)})^2 m_{010}^{(00)} m_{010}^{(10)} m_{201}^{(11)} \\
&-2(m_{000}^{(22)})^2 m_{010}^{(00)} m_{010}^{(10)} m_{111}^{(10)} + (m_{000}^{(22)})^2 m_{010}^{(00)} m_{010}^{(11)} m_{111}^{(00)} \\
&-(m_{000}^{(22)})^2 m_{010}^{(00)} m_{010}^{(20)} m_{210}^{(11)} + (m_{000}^{(22)})^2 m_{010}^{(00)} m_{010}^{(21)} m_{300}^{(11)} \\
&-(m_{000}^{(22)})^2 m_{010}^{(00)} m_{001}^{(00)} m_{120}^{(11)} + 2(m_{000}^{(22)})^2 m_{010}^{(00)} m_{001}^{(10)} m_{120}^{(10)} \\
&-(m_{000}^{(22)})^2 m_{010}^{(00)} m_{001}^{(11)} m_{120}^{(00)} + 2(m_{000}^{(22)})^2 (m_{010}^{(10)})^2 m_{201}^{(10)} \\
&-(m_{000}^{(22)})^2 m_{010}^{(10)} m_{010}^{(11)} m_{201}^{(00)} + 2(m_{000}^{(22)})^2 m_{010}^{(10)} m_{010}^{(20)} m_{210}^{(10)} \\
&-2(m_{000}^{(22)})^2 m_{010}^{(10)} m_{010}^{(21)} m_{300}^{(10)} + 2(m_{000}^{(22)})^2 m_{010}^{(10)} m_{001}^{(00)} m_{210}^{(11)} \\
&-4(m_{000}^{(22)})^2 m_{010}^{(10)} m_{001}^{(10)} m_{210}^{(10)} + 2(m_{000}^{(22)})^2 m_{010}^{(10)} m_{001}^{(11)} m_{210}^{(00)} \\
&-(m_{000}^{(22)})^2 m_{010}^{(11)} m_{010}^{(20)} m_{210}^{(00)} + (m_{000}^{(22)})^2 m_{010}^{(11)} m_{010}^{(21)} m_{300}^{(00)} \\
&-(m_{000}^{(22)})^2 m_{010}^{(11)} m_{001}^{(00)} m_{300}^{(11)} + 2(m_{000}^{(22)})^2 m_{010}^{(11)} m_{001}^{(10)} m_{300}^{(10)} \\
&-(m_{000}^{(22)})^2 m_{010}^{(11)} m_{001}^{(11)} m_{300}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{ccccc}
V1 & V1 & 1 & 1 & 1 \\
V2 & V2 & 2 & V4 & 4 \\
V3 & V3 & V4 & V5 & V5
\end{array}
$$



$$
\begin{aligned}
T_{117} \;=\;& m_{100}^{(00)} m_{100}^{(11)} m_{022}^{(22)} - 2m_{100}^{(00)} m_{100}^{(11)} m_{013}^{(21)} + m_{100}^{(00)} m_{100}^{(11)} m_{004}^{(11)} - 2m_{100}^{(00)} m_{100}^{(21)} m_{031}^{(22)} \\
&+4m_{100}^{(00)} m_{100}^{(21)} m_{022}^{(21)} - 2m_{100}^{(00)} m_{100}^{(21)} m_{013}^{(11)} + m_{100}^{(00)} m_{100}^{(22)} m_{040}^{(22)} - 2m_{100}^{(00)} m_{100}^{(22)} m_{031}^{(21)} \\
&+m_{100}^{(00)} m_{100}^{(22)} m_{022}^{(11)} + m_{100}^{(00)} m_{010}^{(10)} m_{022}^{(22)} - 2m_{100}^{(00)} m_{010}^{(10)} m_{013}^{(21)} + m_{100}^{(00)} m_{010}^{(10)} m_{004}^{(11)} \\
&-2m_{100}^{(00)} m_{010}^{(11)} m_{112}^{(22)} + 2m_{100}^{(00)} m_{010}^{(11)} m_{103}^{(21)} + 2m_{100}^{(00)} m_{010}^{(11)} m_{013}^{(20)} - 2m_{100}^{(00)} m_{010}^{(11)} m_{004}^{(10)}
\end{aligned}
$$

$$
\begin{aligned}
&-m_{100}^{(00)}m_{010}^{(20)}m_{031}^{(22)}+2m_{100}^{(00)}m_{010}^{(20)}m_{022}^{(21)}-m_{100}^{(00)}m_{010}^{(20)}m_{013}^{(11)}+3m_{100}^{(00)}m_{010}^{(21)}m_{121}^{(22)}\\
&-2m_{100}^{(00)}m_{010}^{(21)}m_{112}^{(21)}-m_{100}^{(00)}m_{010}^{(21)}m_{103}^{(11)}-4m_{100}^{(00)}m_{010}^{(21)}m_{022}^{(20)}+4m_{100}^{(00)}m_{010}^{(21)}m_{013}^{(10)}\\
&-m_{100}^{(00)}m_{010}^{(22)}m_{130}^{(22)}+m_{100}^{(00)}m_{010}^{(22)}m_{112}^{(11)}+2m_{100}^{(00)}m_{010}^{(22)}m_{031}^{(20)}-2m_{100}^{(00)}m_{010}^{(22)}m_{022}^{(10)}\\
&-m_{100}^{(00)}m_{001}^{(10)}m_{031}^{(22)}+2m_{100}^{(00)}m_{001}^{(10)}m_{022}^{(21)}-m_{100}^{(00)}m_{001}^{(10)}m_{013}^{(11)}+m_{100}^{(00)}m_{001}^{(11)}m_{121}^{(22)}\\
&-m_{100}^{(00)}m_{001}^{(11)}m_{103}^{(11)}-2m_{100}^{(00)}m_{001}^{(11)}m_{022}^{(20)}+2m_{100}^{(00)}m_{001}^{(11)}m_{013}^{(10)}+m_{100}^{(00)}m_{001}^{(20)}m_{040}^{(22)}\\
&-2m_{100}^{(00)}m_{001}^{(20)}m_{031}^{(21)}+m_{100}^{(00)}m_{001}^{(20)}m_{022}^{(11)}-m_{100}^{(00)}m_{001}^{(21)}m_{130}^{(22)}-2m_{100}^{(00)}m_{001}^{(21)}m_{121}^{(21)}\\
&+3m_{100}^{(00)}m_{001}^{(21)}m_{112}^{(11)}+4m_{100}^{(00)}m_{001}^{(21)}m_{031}^{(20)}-4m_{100}^{(00)}m_{001}^{(21)}m_{022}^{(10)}+2m_{100}^{(00)}m_{001}^{(22)}m_{130}^{(21)}\\
&-2m_{100}^{(00)}m_{001}^{(22)}m_{121}^{(11)}-2m_{100}^{(00)}m_{001}^{(22)}m_{040}^{(20)}+2m_{100}^{(00)}m_{001}^{(22)}m_{031}^{(10)}-(m_{100}^{(10)})^2m_{022}^{(22)}\\
&+2(m_{100}^{(10)})^2m_{013}^{(21)}-(m_{100}^{(10)})^2m_{004}^{(11)}+2m_{100}^{(10)}m_{100}^{(20)}m_{031}^{(22)}-4m_{100}^{(10)}m_{100}^{(20)}m_{022}^{(21)}\\
&+2m_{100}^{(10)}m_{100}^{(20)}m_{013}^{(11)}+2m_{100}^{(10)}m_{100}^{(21)}m_{121}^{(22)}-4m_{100}^{(10)}m_{100}^{(21)}m_{112}^{(21)}+2m_{100}^{(10)}m_{100}^{(21)}m_{103}^{(11)}\\
&-2m_{100}^{(10)}m_{100}^{(22)}m_{130}^{(22)}+4m_{100}^{(10)}m_{100}^{(22)}m_{121}^{(21)}-2m_{100}^{(10)}m_{100}^{(22)}m_{112}^{(11)}-m_{100}^{(10)}m_{010}^{(00)}m_{022}^{(22)}\\
&+2m_{100}^{(10)}m_{010}^{(00)}m_{013}^{(21)}-m_{100}^{(10)}m_{010}^{(00)}m_{004}^{(11)}+2m_{100}^{(10)}m_{010}^{(10)}m_{112}^{(22)}-2m_{100}^{(10)}m_{010}^{(10)}m_{103}^{(21)}\\
&-2m_{100}^{(10)}m_{010}^{(10)}m_{013}^{(20)}+2m_{100}^{(10)}m_{010}^{(10)}m_{004}^{(10)}+m_{100}^{(10)}m_{010}^{(11)}m_{202}^{(22)}-2m_{100}^{(10)}m_{010}^{(11)}m_{103}^{(20)}\\
&+m_{100}^{(10)}m_{010}^{(11)}m_{004}^{(00)}-2m_{100}^{(10)}m_{010}^{(20)}m_{112}^{(21)}+2m_{100}^{(10)}m_{010}^{(20)}m_{103}^{(11)}+2m_{100}^{(10)}m_{010}^{(20)}m_{022}^{(20)}\\
&-2m_{100}^{(10)}m_{010}^{(20)}m_{013}^{(10)}-4m_{100}^{(10)}m_{010}^{(21)}m_{211}^{(22)}+2m_{100}^{(10)}m_{010}^{(21)}m_{202}^{(21)}+6m_{100}^{(10)}m_{010}^{(21)}m_{112}^{(20)}\\
&-2m_{100}^{(10)}m_{010}^{(21)}m_{103}^{(10)}-2m_{100}^{(10)}m_{010}^{(21)}m_{013}^{(00)}+2m_{100}^{(10)}m_{010}^{(22)}m_{220}^{(22)}-m_{100}^{(10)}m_{010}^{(22)}m_{202}^{(11)}\\
&-4m_{100}^{(10)}m_{010}^{(22)}m_{121}^{(20)}+2m_{100}^{(10)}m_{010}^{(22)}m_{112}^{(10)}+m_{100}^{(10)}m_{010}^{(22)}m_{022}^{(00)}+m_{100}^{(10)}m_{001}^{(00)}m_{031}^{(22)}\\
&-2m_{100}^{(10)}m_{001}^{(00)}m_{022}^{(21)}+m_{100}^{(10)}m_{001}^{(00)}m_{013}^{(11)}-2m_{100}^{(10)}m_{001}^{(10)}m_{112}^{(21)}+2m_{100}^{(10)}m_{001}^{(10)}m_{103}^{(11)}\\
&+2m_{100}^{(10)}m_{001}^{(10)}m_{022}^{(20)}-2m_{100}^{(10)}m_{001}^{(10)}m_{013}^{(10)}-m_{100}^{(10)}m_{001}^{(11)}m_{211}^{(22)}+2m_{100}^{(10)}m_{001}^{(11)}m_{112}^{(20)}\\
&-m_{100}^{(10)}m_{001}^{(11)}m_{013}^{(00)}-2m_{100}^{(10)}m_{001}^{(20)}m_{130}^{(22)}+6m_{100}^{(10)}m_{001}^{(20)}m_{121}^{(21)}-4m_{100}^{(10)}m_{001}^{(20)}m_{112}^{(11)}\\
&-2m_{100}^{(10)}m_{001}^{(20)}m_{031}^{(20)}+2m_{100}^{(10)}m_{001}^{(20)}m_{022}^{(10)}+2m_{100}^{(10)}m_{001}^{(21)}m_{220}^{(22)}+2m_{100}^{(10)}m_{001}^{(21)}m_{211}^{(21)}\\
&-2m_{100}^{(10)}m_{001}^{(21)}m_{202}^{(11)}-6m_{100}^{(10)}m_{001}^{(21)}m_{121}^{(20)}+2m_{100}^{(10)}m_{001}^{(21)}m_{112}^{(10)}+2m_{100}^{(10)}m_{001}^{(21)}m_{022}^{(00)}\\
&-4m_{100}^{(10)}m_{001}^{(22)}m_{220}^{(21)}+3m_{100}^{(10)}m_{001}^{(22)}m_{211}^{(11)}+4m_{100}^{(10)}m_{001}^{(22)}m_{130}^{(20)}-2m_{100}^{(10)}m_{001}^{(22)}m_{121}^{(10)}\\
&-m_{100}^{(10)}m_{001}^{(22)}m_{031}^{(00)}-2m_{100}^{(11)}m_{100}^{(20)}m_{121}^{(22)}+4m_{100}^{(11)}m_{100}^{(20)}m_{112}^{(21)}-2m_{100}^{(11)}m_{100}^{(20)}m_{103}^{(11)}\\
&+m_{100}^{(11)}m_{100}^{(22)}m_{220}^{(22)}-2m_{100}^{(11)}m_{100}^{(22)}m_{211}^{(21)}+m_{100}^{(11)}m_{100}^{(22)}m_{202}^{(11)}-m_{100}^{(11)}m_{010}^{(10)}m_{202}^{(22)}\\
&+2m_{100}^{(11)}m_{010}^{(10)}m_{103}^{(20)}-m_{100}^{(11)}m_{010}^{(10)}m_{004}^{(00)}+m_{100}^{(11)}m_{010}^{(20)}m_{211}^{(22)}-2m_{100}^{(11)}m_{010}^{(20)}m_{112}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(20)}m_{013}^{(00)}+m_{100}^{(11)}m_{010}^{(21)}m_{301}^{(22)}-2m_{100}^{(11)}m_{010}^{(21)}m_{202}^{(20)}+m_{100}^{(11)}m_{010}^{(21)}m_{103}^{(00)}\\
&-m_{100}^{(11)}m_{010}^{(22)}m_{310}^{(22)}+2m_{100}^{(11)}m_{010}^{(22)}m_{211}^{(20)}-m_{100}^{(11)}m_{010}^{(22)}m_{112}^{(00)}-m_{100}^{(11)}m_{001}^{(00)}m_{121}^{(22)}\\
&+2m_{100}^{(11)}m_{001}^{(00)}m_{112}^{(21)}-m_{100}^{(11)}m_{001}^{(00)}m_{103}^{(11)}+m_{100}^{(11)}m_{001}^{(10)}m_{211}^{(22)}-2m_{100}^{(11)}m_{001}^{(10)}m_{112}^{(20)}\\
&+m_{100}^{(11)}m_{001}^{(10)}m_{013}^{(00)}+m_{100}^{(11)}m_{001}^{(20)}m_{220}^{(22)}-4m_{100}^{(11)}m_{001}^{(20)}m_{211}^{(21)}+2m_{100}^{(11)}m_{001}^{(20)}m_{202}^{(11)}\\
&+2m_{100}^{(11)}m_{001}^{(20)}m_{121}^{(20)}-m_{100}^{(11)}m_{001}^{(20)}m_{022}^{(00)}-m_{100}^{(11)}m_{001}^{(21)}m_{310}^{(22)}+2m_{100}^{(11)}m_{001}^{(21)}m_{211}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(21)}m_{112}^{(00)}+2m_{100}^{(11)}m_{001}^{(22)}m_{310}^{(21)}-m_{100}^{(11)}m_{001}^{(22)}m_{301}^{(11)}-2m_{100}^{(11)}m_{001}^{(22)}m_{220}^{(20)}\\
&+m_{100}^{(11)}m_{001}^{(22)}m_{121}^{(00)}-(m_{100}^{(20)})^2m_{040}^{(22)}+2(m_{100}^{(20)})^2m_{031}^{(21)}-(m_{100}^{(20)})^2m_{022}^{(11)}\\
&+2m_{100}^{(20)}m_{100}^{(21)}m_{130}^{(22)}-4m_{100}^{(20)}m_{100}^{(21)}m_{121}^{(21)}+2m_{100}^{(20)}m_{100}^{(21)}m_{112}^{(11)}+m_{100}^{(20)}m_{010}^{(00)}m_{031}^{(22)}\\
&-2m_{100}^{(20)}m_{010}^{(00)}m_{022}^{(21)}+m_{100}^{(20)}m_{010}^{(00)}m_{013}^{(11)}-4m_{100}^{(20)}m_{010}^{(10)}m_{121}^{(22)}+6m_{100}^{(20)}m_{010}^{(10)}m_{112}^{(21)}\\
&-2m_{100}^{(20)}m_{010}^{(10)}m_{103}^{(11)}+2m_{100}^{(20)}m_{010}^{(10)}m_{022}^{(20)}-2m_{100}^{(20)}m_{010}^{(10)}m_{013}^{(10)}+3m_{100}^{(20)}m_{010}^{(11)}m_{211}^{(22)}\\
&-4m_{100}^{(20)}m_{010}^{(11)}m_{202}^{(21)}-2m_{100}^{(20)}m_{010}^{(11)}m_{112}^{(20)}+4m_{100}^{(20)}m_{010}^{(11)}m_{103}^{(10)}-m_{100}^{(20)}m_{010}^{(11)}m_{013}^{(00)}\\
&+2m_{100}^{(20)}m_{010}^{(20)}m_{130}^{(22)}-2m_{100}^{(20)}m_{010}^{(20)}m_{121}^{(21)}-2m_{100}^{(20)}m_{010}^{(20)}m_{031}^{(20)}+2m_{100}^{(20)}m_{010}^{(20)}m_{022}^{(10)}
\end{aligned}
$$

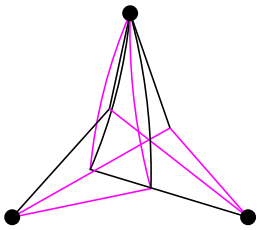
$$
\begin{aligned}
&-2m_{100}^{(20)}m_{010}^{(21)}m_{220}^{(22)}+2m_{100}^{(20)}m_{010}^{(21)}m_{211}^{(21)}+2m_{100}^{(20)}m_{010}^{(21)}m_{202}^{(11)}+2m_{100}^{(20)}m_{010}^{(21)}m_{121}^{(20)}\\
&-6m_{100}^{(20)}m_{010}^{(21)}m_{112}^{(10)}+2m_{100}^{(20)}m_{010}^{(21)}m_{022}^{(00)}-m_{100}^{(20)}m_{010}^{(22)}m_{211}^{(11)}+2m_{100}^{(20)}m_{010}^{(22)}m_{121}^{(10)}\\
&-m_{100}^{(20)}m_{010}^{(22)}m_{031}^{(00)}-m_{100}^{(20)}m_{001}^{(00)}m_{040}^{(22)}+2m_{100}^{(20)}m_{001}^{(00)}m_{031}^{(21)}-m_{100}^{(20)}m_{001}^{(00)}m_{022}^{(11)}\\
&+2m_{100}^{(20)}m_{001}^{(10)}m_{130}^{(22)}-2m_{100}^{(20)}m_{001}^{(10)}m_{121}^{(21)}-2m_{100}^{(20)}m_{001}^{(10)}m_{031}^{(20)}+2m_{100}^{(20)}m_{001}^{(10)}m_{022}^{(10)}\\
&-m_{100}^{(20)}m_{001}^{(11)}m_{220}^{(22)}+2m_{100}^{(20)}m_{001}^{(11)}m_{202}^{(11)}+2m_{100}^{(20)}m_{001}^{(11)}m_{121}^{(20)}-4m_{100}^{(20)}m_{001}^{(11)}m_{112}^{(10)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{022}^{(00)}-2m_{100}^{(20)}m_{001}^{(20)}m_{130}^{(21)}+2m_{100}^{(20)}m_{001}^{(20)}m_{121}^{(11)}+2m_{100}^{(20)}m_{001}^{(20)}m_{040}^{(20)}\\
&-2m_{100}^{(20)}m_{001}^{(20)}m_{031}^{(10)}+2m_{100}^{(20)}m_{001}^{(21)}m_{220}^{(21)}-4m_{100}^{(20)}m_{001}^{(21)}m_{211}^{(11)}-2m_{100}^{(20)}m_{001}^{(21)}m_{130}^{(20)}\\
&+6m_{100}^{(20)}m_{001}^{(21)}m_{121}^{(10)}-2m_{100}^{(20)}m_{001}^{(21)}m_{031}^{(00)}+m_{100}^{(20)}m_{001}^{(22)}m_{220}^{(11)}-2m_{100}^{(20)}m_{001}^{(22)}m_{130}^{(10)}\\
&+m_{100}^{(20)}m_{001}^{(22)}m_{040}^{(00)}-(m_{100}^{(21)})^2m_{220}^{(22)}+2(m_{100}^{(21)})^2m_{211}^{(21)}-(m_{100}^{(21)})^2m_{202}^{(11)}\\
&+m_{100}^{(21)}m_{010}^{(00)}m_{121}^{(22)}-2m_{100}^{(21)}m_{010}^{(00)}m_{112}^{(21)}+m_{100}^{(21)}m_{010}^{(00)}m_{103}^{(11)}+2m_{100}^{(21)}m_{010}^{(10)}m_{202}^{(21)}\\
&-2m_{100}^{(21)}m_{010}^{(10)}m_{112}^{(20)}-2m_{100}^{(21)}m_{010}^{(10)}m_{103}^{(10)}+2m_{100}^{(21)}m_{010}^{(10)}m_{013}^{(00)}-m_{100}^{(21)}m_{010}^{(11)}m_{301}^{(22)}\\
&+2m_{100}^{(21)}m_{010}^{(11)}m_{202}^{(20)}-m_{100}^{(21)}m_{010}^{(11)}m_{103}^{(00)}-2m_{100}^{(21)}m_{010}^{(20)}m_{220}^{(22)}+2m_{100}^{(21)}m_{010}^{(20)}m_{211}^{(21)}\\
&-2m_{100}^{(21)}m_{010}^{(20)}m_{202}^{(11)}+2m_{100}^{(21)}m_{010}^{(20)}m_{121}^{(20)}+2m_{100}^{(21)}m_{010}^{(20)}m_{112}^{(10)}-2m_{100}^{(21)}m_{010}^{(20)}m_{022}^{(00)}\\
&+2m_{100}^{(21)}m_{010}^{(21)}m_{310}^{(22)}-2m_{100}^{(21)}m_{010}^{(21)}m_{301}^{(21)}-2m_{100}^{(21)}m_{010}^{(21)}m_{211}^{(20)}+2m_{100}^{(21)}m_{010}^{(21)}m_{202}^{(10)}\\
&+m_{100}^{(21)}m_{010}^{(22)}m_{301}^{(11)}-2m_{100}^{(21)}m_{010}^{(22)}m_{211}^{(10)}+m_{100}^{(21)}m_{010}^{(22)}m_{121}^{(00)}+m_{100}^{(21)}m_{001}^{(00)}m_{130}^{(22)}\\
&-2m_{100}^{(21)}m_{001}^{(00)}m_{121}^{(21)}+m_{100}^{(21)}m_{001}^{(00)}m_{112}^{(11)}-2m_{100}^{(21)}m_{001}^{(10)}m_{220}^{(22)}+2m_{100}^{(21)}m_{001}^{(10)}m_{211}^{(21)}\\
&-2m_{100}^{(21)}m_{001}^{(10)}m_{202}^{(11)}+2m_{100}^{(21)}m_{001}^{(10)}m_{121}^{(20)}+2m_{100}^{(21)}m_{001}^{(10)}m_{112}^{(10)}-2m_{100}^{(21)}m_{001}^{(10)}m_{022}^{(00)}\\
&+m_{100}^{(21)}m_{001}^{(11)}m_{310}^{(22)}-2m_{100}^{(21)}m_{001}^{(11)}m_{211}^{(20)}+m_{100}^{(21)}m_{001}^{(11)}m_{112}^{(00)}+2m_{100}^{(21)}m_{001}^{(20)}m_{220}^{(21)}\\
&-2m_{100}^{(21)}m_{001}^{(20)}m_{130}^{(20)}-2m_{100}^{(21)}m_{001}^{(20)}m_{121}^{(10)}+2m_{100}^{(21)}m_{001}^{(20)}m_{031}^{(00)}-2m_{100}^{(21)}m_{001}^{(21)}m_{310}^{(21)}\\
&+2m_{100}^{(21)}m_{001}^{(21)}m_{301}^{(11)}+2m_{100}^{(21)}m_{001}^{(21)}m_{220}^{(20)}-2m_{100}^{(21)}m_{001}^{(21)}m_{211}^{(10)}-m_{100}^{(21)}m_{001}^{(22)}m_{310}^{(11)}\\
&+2m_{100}^{(21)}m_{001}^{(22)}m_{220}^{(10)}-m_{100}^{(21)}m_{001}^{(22)}m_{130}^{(00)}-m_{100}^{(22)}m_{010}^{(00)}m_{130}^{(22)}+2m_{100}^{(22)}m_{010}^{(00)}m_{121}^{(21)}\\
&-m_{100}^{(22)}m_{010}^{(00)}m_{112}^{(11)}+2m_{100}^{(22)}m_{010}^{(10)}m_{220}^{(22)}-4m_{100}^{(22)}m_{010}^{(10)}m_{211}^{(21)}+m_{100}^{(22)}m_{010}^{(10)}m_{202}^{(11)}\\
&+2m_{100}^{(22)}m_{010}^{(10)}m_{112}^{(10)}-m_{100}^{(22)}m_{010}^{(10)}m_{022}^{(00)}-m_{100}^{(22)}m_{010}^{(11)}m_{310}^{(22)}+2m_{100}^{(22)}m_{010}^{(11)}m_{301}^{(21)}\\
&-2m_{100}^{(22)}m_{010}^{(11)}m_{202}^{(10)}+m_{100}^{(22)}m_{010}^{(11)}m_{112}^{(00)}+m_{100}^{(22)}m_{010}^{(20)}m_{211}^{(11)}-2m_{100}^{(22)}m_{010}^{(20)}m_{121}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(20)}m_{031}^{(00)}-m_{100}^{(22)}m_{010}^{(21)}m_{301}^{(11)}+2m_{100}^{(22)}m_{010}^{(21)}m_{211}^{(10)}-m_{100}^{(22)}m_{010}^{(21)}m_{121}^{(00)}\\
&+m_{100}^{(22)}m_{001}^{(10)}m_{211}^{(11)}-2m_{100}^{(22)}m_{001}^{(10)}m_{121}^{(10)}+m_{100}^{(22)}m_{001}^{(10)}m_{031}^{(00)}-m_{100}^{(22)}m_{001}^{(11)}m_{301}^{(11)}\\
&+2m_{100}^{(22)}m_{001}^{(11)}m_{211}^{(10)}-m_{100}^{(22)}m_{001}^{(11)}m_{121}^{(00)}-m_{100}^{(22)}m_{001}^{(20)}m_{220}^{(11)}+2m_{100}^{(22)}m_{001}^{(20)}m_{130}^{(10)}\\
&-m_{100}^{(22)}m_{001}^{(20)}m_{040}^{(00)}+m_{100}^{(22)}m_{001}^{(21)}m_{310}^{(11)}-2m_{100}^{(22)}m_{001}^{(21)}m_{220}^{(10)}+m_{100}^{(22)}m_{001}^{(21)}m_{130}^{(00)}\\
&+m_{010}^{(00)}m_{010}^{(11)}m_{202}^{(22)}-2m_{010}^{(00)}m_{010}^{(11)}m_{103}^{(20)}+m_{010}^{(00)}m_{010}^{(11)}m_{004}^{(00)}-2m_{010}^{(00)}m_{010}^{(21)}m_{211}^{(22)}\\
&+4m_{010}^{(00)}m_{010}^{(21)}m_{112}^{(20)}-2m_{010}^{(00)}m_{010}^{(21)}m_{013}^{(00)}+m_{010}^{(00)}m_{010}^{(22)}m_{220}^{(22)}-2m_{010}^{(00)}m_{010}^{(22)}m_{121}^{(20)}\\
&+m_{010}^{(00)}m_{010}^{(22)}m_{022}^{(00)}+m_{010}^{(00)}m_{001}^{(10)}m_{121}^{(22)}-2m_{010}^{(00)}m_{001}^{(10)}m_{112}^{(21)}+m_{010}^{(00)}m_{001}^{(10)}m_{103}^{(11)}\\
&-m_{010}^{(00)}m_{001}^{(11)}m_{211}^{(22)}+2m_{010}^{(00)}m_{001}^{(11)}m_{112}^{(20)}-m_{010}^{(00)}m_{001}^{(11)}m_{013}^{(00)}-m_{010}^{(00)}m_{001}^{(20)}m_{130}^{(22)}\\
&+2m_{010}^{(00)}m_{001}^{(20)}m_{121}^{(21)}-m_{010}^{(00)}m_{001}^{(20)}m_{112}^{(11)}+m_{010}^{(00)}m_{001}^{(21)}m_{220}^{(22)}+2m_{010}^{(00)}m_{001}^{(21)}m_{211}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(21)}m_{202}^{(11)}-4m_{010}^{(00)}m_{001}^{(21)}m_{121}^{(20)}+2m_{010}^{(00)}m_{001}^{(21)}m_{022}^{(00)}-2m_{010}^{(00)}m_{001}^{(22)}m_{220}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(22)}m_{211}^{(11)}+2m_{010}^{(00)}m_{001}^{(22)}m_{130}^{(20)}-m_{010}^{(00)}m_{001}^{(22)}m_{031}^{(00)}-(m_{010}^{(10)})^2m_{202}^{(22)}\\
&+2(m_{010}^{(10)})^2m_{103}^{(20)}-(m_{010}^{(10)})^2m_{004}^{(00)}+2m_{010}^{(10)}m_{010}^{(20)}m_{211}^{(22)}-4m_{010}^{(10)}m_{010}^{(20)}m_{112}^{(20)}\\
&+2m_{010}^{(10)}m_{010}^{(20)}m_{013}^{(00)}+2m_{010}^{(10)}m_{010}^{(21)}m_{301}^{(22)}-4m_{010}^{(10)}m_{010}^{(21)}m_{202}^{(20)}+2m_{010}^{(10)}m_{010}^{(21)}m_{103}^{(00)}\\
&-2m_{010}^{(10)}m_{010}^{(22)}m_{310}^{(22)}+4m_{010}^{(10)}m_{010}^{(22)}m_{211}^{(20)}-2m_{010}^{(10)}m_{010}^{(22)}m_{112}^{(00)}-m_{010}^{(10)}m_{001}^{(00)}m_{121}^{(22)}
\end{aligned}
$$

$$+2m_{010}^{(10)}m_{001}^{(00)}m_{112}^{(21)} - m_{010}^{(10)}m_{001}^{(00)}m_{103}^{(11)} + 2m_{010}^{(10)}m_{001}^{(10)}m_{202}^{(21)} - 2m_{010}^{(10)}m_{001}^{(10)}m_{112}^{(20)}$$
$$-2m_{010}^{(10)}m_{001}^{(10)}m_{103}^{(10)} + 2m_{010}^{(10)}m_{001}^{(10)}m_{013}^{(00)} + m_{010}^{(10)}m_{001}^{(11)}m_{301}^{(22)} - 2m_{010}^{(10)}m_{001}^{(11)}m_{202}^{(20)}$$
$$+m_{010}^{(10)}m_{001}^{(11)}m_{103}^{(00)} + 2m_{010}^{(10)}m_{001}^{(20)}m_{220}^{(22)} - 6m_{010}^{(10)}m_{001}^{(20)}m_{211}^{(21)} + 2m_{010}^{(10)}m_{001}^{(20)}m_{202}^{(11)}$$
$$+2m_{010}^{(10)}m_{001}^{(20)}m_{121}^{(20)} + 2m_{010}^{(10)}m_{001}^{(20)}m_{112}^{(10)} - 2m_{010}^{(10)}m_{001}^{(20)}m_{022}^{(00)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{310}^{(22)}$$
$$-2m_{010}^{(10)}m_{001}^{(21)}m_{301}^{(21)} + 6m_{010}^{(10)}m_{001}^{(21)}m_{211}^{(20)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{202}^{(10)} - 4m_{010}^{(10)}m_{001}^{(21)}m_{112}^{(00)}$$
$$+4m_{010}^{(10)}m_{001}^{(22)}m_{310}^{(21)} - m_{010}^{(10)}m_{001}^{(22)}m_{301}^{(11)} - 4m_{010}^{(10)}m_{001}^{(22)}m_{220}^{(20)} - 2m_{010}^{(10)}m_{001}^{(22)}m_{211}^{(10)}$$
$$+3m_{010}^{(10)}m_{001}^{(22)}m_{121}^{(00)} - 2m_{010}^{(11)}m_{010}^{(20)}m_{301}^{(22)} + 4m_{010}^{(11)}m_{010}^{(20)}m_{202}^{(20)} - 2m_{010}^{(11)}m_{010}^{(20)}m_{103}^{(00)}$$
$$+m_{010}^{(11)}m_{010}^{(22)}m_{400}^{(22)} - 2m_{010}^{(11)}m_{010}^{(22)}m_{301}^{(20)} + m_{010}^{(11)}m_{010}^{(22)}m_{202}^{(00)} + m_{010}^{(11)}m_{001}^{(00)}m_{211}^{(22)}$$
$$-2m_{010}^{(11)}m_{001}^{(00)}m_{202}^{(21)} + 2m_{010}^{(11)}m_{001}^{(00)}m_{103}^{(10)} - m_{010}^{(11)}m_{001}^{(00)}m_{013}^{(00)} - m_{010}^{(11)}m_{001}^{(10)}m_{301}^{(22)}$$
$$+2m_{010}^{(11)}m_{001}^{(10)}m_{202}^{(20)} - m_{010}^{(11)}m_{001}^{(10)}m_{103}^{(00)} - m_{010}^{(11)}m_{001}^{(20)}m_{310}^{(22)} + 4m_{010}^{(11)}m_{001}^{(20)}m_{301}^{(21)}$$
$$-2m_{010}^{(11)}m_{001}^{(20)}m_{211}^{(20)} - 4m_{010}^{(11)}m_{001}^{(20)}m_{202}^{(10)} + 3m_{010}^{(11)}m_{001}^{(20)}m_{112}^{(00)} + m_{010}^{(11)}m_{001}^{(21)}m_{400}^{(22)}$$
$$-2m_{010}^{(11)}m_{001}^{(21)}m_{301}^{(20)} + m_{010}^{(11)}m_{001}^{(21)}m_{202}^{(00)} - 2m_{010}^{(11)}m_{001}^{(22)}m_{400}^{(21)} + 2m_{010}^{(11)}m_{001}^{(22)}m_{310}^{(20)}$$
$$+2m_{010}^{(11)}m_{001}^{(22)}m_{301}^{(10)} - 2m_{010}^{(11)}m_{001}^{(22)}m_{211}^{(00)} - (m_{010}^{(20)})^2m_{220}^{(22)} + 2(m_{010}^{(20)})^2m_{121}^{(20)}$$
$$-(m_{010}^{(20)})^2m_{022}^{(00)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{310}^{(22)} - 4m_{010}^{(20)}m_{010}^{(21)}m_{211}^{(20)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{112}^{(00)}$$
$$+m_{010}^{(20)}m_{001}^{(00)}m_{130}^{(22)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{121}^{(21)} + m_{010}^{(20)}m_{001}^{(00)}m_{112}^{(11)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{220}^{(22)}$$
$$+2m_{010}^{(20)}m_{001}^{(10)}m_{211}^{(21)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{202}^{(11)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{121}^{(20)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{112}^{(10)}$$
$$-2m_{010}^{(20)}m_{001}^{(10)}m_{022}^{(00)} + m_{010}^{(20)}m_{001}^{(11)}m_{310}^{(22)} - 2m_{010}^{(20)}m_{001}^{(11)}m_{211}^{(20)} + m_{010}^{(20)}m_{001}^{(11)}m_{112}^{(00)}$$
$$+2m_{010}^{(20)}m_{001}^{(20)}m_{220}^{(21)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{130}^{(20)} - 2m_{010}^{(20)}m_{001}^{(20)}m_{121}^{(10)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{031}^{(00)}$$
$$-2m_{010}^{(20)}m_{001}^{(21)}m_{310}^{(21)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{301}^{(11)} + 2m_{010}^{(20)}m_{001}^{(21)}m_{220}^{(20)} - 2m_{010}^{(20)}m_{001}^{(21)}m_{211}^{(10)}$$
$$-m_{010}^{(20)}m_{001}^{(22)}m_{310}^{(11)} + 2m_{010}^{(20)}m_{001}^{(22)}m_{220}^{(10)} - m_{010}^{(20)}m_{001}^{(22)}m_{130}^{(00)} - (m_{010}^{(21)})^2m_{400}^{(22)}$$
$$+2(m_{010}^{(21)})^2m_{301}^{(20)} - (m_{010}^{(21)})^2m_{202}^{(00)} - m_{010}^{(21)}m_{001}^{(00)}m_{220}^{(22)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{211}^{(21)}$$
$$+m_{010}^{(21)}m_{001}^{(00)}m_{202}^{(11)} - 4m_{010}^{(21)}m_{001}^{(00)}m_{112}^{(10)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{022}^{(00)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{310}^{(22)}$$
$$-2m_{010}^{(21)}m_{001}^{(10)}m_{301}^{(21)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{211}^{(20)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{202}^{(10)} - m_{010}^{(21)}m_{001}^{(11)}m_{400}^{(22)}$$
$$+2m_{010}^{(21)}m_{001}^{(11)}m_{301}^{(20)} - m_{010}^{(21)}m_{001}^{(11)}m_{202}^{(00)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{310}^{(21)} - 2m_{010}^{(21)}m_{001}^{(20)}m_{301}^{(11)}$$
$$+2m_{010}^{(21)}m_{001}^{(20)}m_{220}^{(20)} + 6m_{010}^{(21)}m_{001}^{(20)}m_{211}^{(10)} - 4m_{010}^{(21)}m_{001}^{(20)}m_{121}^{(00)} + 2m_{010}^{(21)}m_{001}^{(21)}m_{400}^{(21)}$$
$$-2m_{010}^{(21)}m_{001}^{(21)}m_{310}^{(20)} - 2m_{010}^{(21)}m_{001}^{(21)}m_{301}^{(10)} + 2m_{010}^{(21)}m_{001}^{(21)}m_{211}^{(00)} + m_{010}^{(21)}m_{001}^{(22)}m_{400}^{(11)}$$
$$-2m_{010}^{(21)}m_{001}^{(22)}m_{310}^{(10)} + m_{010}^{(21)}m_{001}^{(22)}m_{220}^{(00)} - m_{010}^{(22)}m_{001}^{(00)}m_{211}^{(11)} + 2m_{010}^{(22)}m_{001}^{(00)}m_{121}^{(10)}$$
$$-m_{010}^{(22)}m_{001}^{(00)}m_{031}^{(00)} + m_{010}^{(22)}m_{001}^{(10)}m_{301}^{(11)} - 2m_{010}^{(22)}m_{001}^{(10)}m_{211}^{(10)} + m_{010}^{(22)}m_{001}^{(10)}m_{121}^{(00)}$$
$$+m_{010}^{(22)}m_{001}^{(20)}m_{310}^{(11)} - 2m_{010}^{(22)}m_{001}^{(20)}m_{220}^{(10)} + m_{010}^{(22)}m_{001}^{(20)}m_{130}^{(00)} - m_{010}^{(22)}m_{001}^{(21)}m_{400}^{(11)}$$
$$+2m_{010}^{(22)}m_{001}^{(21)}m_{310}^{(10)} - m_{010}^{(22)}m_{001}^{(21)}m_{220}^{(00)} + m_{001}^{(00)}m_{001}^{(11)}m_{202}^{(11)} - 2m_{001}^{(00)}m_{001}^{(11)}m_{112}^{(10)}$$
$$+m_{001}^{(00)}m_{001}^{(11)}m_{022}^{(00)} - 2m_{001}^{(00)}m_{001}^{(21)}m_{211}^{(11)} + 4m_{001}^{(00)}m_{001}^{(21)}m_{121}^{(10)} - 2m_{001}^{(00)}m_{001}^{(21)}m_{031}^{(00)}$$
$$+m_{001}^{(00)}m_{001}^{(22)}m_{220}^{(11)} - 2m_{001}^{(00)}m_{001}^{(22)}m_{130}^{(10)} + m_{001}^{(00)}m_{001}^{(22)}m_{040}^{(00)} - (m_{001}^{(10)})^2m_{202}^{(11)}$$
$$+2(m_{001}^{(10)})^2m_{112}^{(10)} - (m_{001}^{(10)})^2m_{022}^{(00)} + 2m_{001}^{(10)}m_{001}^{(20)}m_{211}^{(11)} - 4m_{001}^{(10)}m_{001}^{(20)}m_{121}^{(10)}$$
$$+2m_{001}^{(10)}m_{001}^{(20)}m_{031}^{(00)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{301}^{(11)} - 4m_{001}^{(10)}m_{001}^{(21)}m_{211}^{(10)} + 2m_{001}^{(10)}m_{001}^{(21)}m_{121}^{(00)}$$
$$-2m_{001}^{(10)}m_{001}^{(22)}m_{310}^{(11)} + 4m_{001}^{(10)}m_{001}^{(22)}m_{220}^{(10)} - 2m_{001}^{(10)}m_{001}^{(22)}m_{130}^{(00)} - 2m_{001}^{(11)}m_{001}^{(20)}m_{301}^{(11)}$$
$$+4m_{001}^{(11)}m_{001}^{(20)}m_{211}^{(10)} - 2m_{001}^{(11)}m_{001}^{(20)}m_{121}^{(00)} + m_{001}^{(11)}m_{001}^{(22)}m_{400}^{(11)} - 2m_{001}^{(11)}m_{001}^{(22)}m_{310}^{(10)}$$
$$+m_{001}^{(11)}m_{001}^{(22)}m_{220}^{(00)} - (m_{001}^{(20)})^2m_{220}^{(11)} + 2(m_{001}^{(20)})^2m_{130}^{(10)} - (m_{001}^{(20)})^2m_{040}^{(00)}$$
$$+2m_{001}^{(20)}m_{001}^{(21)}m_{310}^{(11)} - 4m_{001}^{(20)}m_{001}^{(21)}m_{220}^{(10)} + 2m_{001}^{(20)}m_{001}^{(21)}m_{130}^{(00)} - (m_{001}^{(21)})^2m_{400}^{(11)}$$

$$+2(m_{001}^{(21)})^2m_{310}^{(10)} - (m_{001}^{(21)})^2m_{220}^{(00)}$$

Generating graph:

$$\begin{array}{rrrr} V1 & V1 & 1 & V2 \\ V2 & 2 & 2 & 2 \\ 2 & V3 & V3 & 3 \end{array}$$



$$\begin{aligned} T_{118} \;=\;& m_{100}^{(00)} m_{010}^{(10)} m_{022}^{(22)} - 2m_{100}^{(00)} m_{010}^{(10)} m_{013}^{(21)} + m_{100}^{(00)} m_{010}^{(10)} m_{004}^{(11)} - m_{100}^{(00)} m_{010}^{(11)} m_{112}^{(22)} \\ & + m_{100}^{(00)} m_{010}^{(11)} m_{103}^{(21)} + m_{100}^{(00)} m_{010}^{(11)} m_{013}^{(20)} - m_{100}^{(00)} m_{010}^{(11)} m_{004}^{(10)} - m_{100}^{(00)} m_{010}^{(20)} m_{031}^{(22)} \\ & + 2m_{100}^{(00)} m_{010}^{(20)} m_{022}^{(21)} - m_{100}^{(00)} m_{010}^{(20)} m_{013}^{(11)} + m_{100}^{(00)} m_{010}^{(21)} m_{121}^{(22)} - m_{100}^{(00)} m_{010}^{(21)} m_{103}^{(11)} \\ & - 2m_{100}^{(00)} m_{010}^{(21)} m_{022}^{(20)} + 2m_{100}^{(00)} m_{010}^{(21)} m_{013}^{(10)} - m_{100}^{(00)} m_{010}^{(22)} m_{121}^{(21)} + m_{100}^{(00)} m_{010}^{(22)} m_{112}^{(11)} \\ & + m_{100}^{(00)} m_{010}^{(22)} m_{031}^{(20)} - m_{100}^{(00)} m_{010}^{(22)} m_{022}^{(10)} - m_{100}^{(00)} m_{001}^{(10)} m_{031}^{(22)} + 2m_{100}^{(00)} m_{001}^{(10)} m_{022}^{(21)} \\ & - m_{100}^{(00)} m_{001}^{(10)} m_{013}^{(11)} + m_{100}^{(00)} m_{001}^{(11)} m_{121}^{(22)} - m_{100}^{(00)} m_{001}^{(11)} m_{112}^{(21)} - m_{100}^{(00)} m_{001}^{(11)} m_{022}^{(20)} \\ & + m_{100}^{(00)} m_{001}^{(11)} m_{013}^{(10)} + m_{100}^{(00)} m_{001}^{(20)} m_{040}^{(22)} - 2m_{100}^{(00)} m_{001}^{(20)} m_{031}^{(21)} + m_{100}^{(00)} m_{001}^{(20)} m_{022}^{(11)} \\ & - m_{100}^{(00)} m_{001}^{(21)} m_{130}^{(22)} + m_{100}^{(00)} m_{001}^{(21)} m_{112}^{(11)} + 2m_{100}^{(00)} m_{001}^{(21)} m_{031}^{(20)} - 2m_{100}^{(00)} m_{001}^{(21)} m_{022}^{(10)} \\ & + m_{100}^{(00)} m_{001}^{(22)} m_{130}^{(21)} - m_{100}^{(00)} m_{001}^{(22)} m_{121}^{(11)} - m_{100}^{(00)} m_{001}^{(22)} m_{040}^{(20)} + m_{100}^{(00)} m_{001}^{(22)} m_{031}^{(10)} \\ & - m_{100}^{(10)} m_{010}^{(00)} m_{022}^{(22)} + 2m_{100}^{(10)} m_{010}^{(00)} m_{013}^{(21)} - m_{100}^{(10)} m_{010}^{(00)} m_{004}^{(11)} + m_{100}^{(10)} m_{010}^{(11)} m_{202}^{(22)} \\ & - 2m_{100}^{(10)} m_{010}^{(11)} m_{103}^{(20)} + m_{100}^{(10)} m_{010}^{(11)} m_{004}^{(00)} + 2m_{100}^{(10)} m_{010}^{(20)} m_{121}^{(22)} - 4m_{100}^{(10)} m_{010}^{(20)} m_{112}^{(21)} \\ & + 2m_{100}^{(10)} m_{010}^{(20)} m_{103}^{(11)} - 2m_{100}^{(10)} m_{010}^{(21)} m_{211}^{(22)} + 4m_{100}^{(10)} m_{010}^{(21)} m_{112}^{(20)} - 2m_{100}^{(10)} m_{010}^{(21)} m_{013}^{(00)} \\ & + 2m_{100}^{(10)} m_{010}^{(22)} m_{211}^{(21)} - m_{100}^{(10)} m_{010}^{(22)} m_{202}^{(11)} - 2m_{100}^{(10)} m_{010}^{(22)} m_{121}^{(20)} + m_{100}^{(10)} m_{010}^{(22)} m_{022}^{(00)} \\ & + m_{100}^{(10)} m_{001}^{(00)} m_{031}^{(22)} - 2m_{100}^{(10)} m_{001}^{(00)} m_{022}^{(21)} + m_{100}^{(10)} m_{001}^{(00)} m_{013}^{(11)} - m_{100}^{(10)} m_{001}^{(11)} m_{211}^{(22)} \\ & + 2m_{100}^{(10)} m_{001}^{(11)} m_{112}^{(20)} - m_{100}^{(10)} m_{001}^{(11)} m_{013}^{(00)} - 2m_{100}^{(10)} m_{001}^{(20)} m_{130}^{(22)} + 4m_{100}^{(10)} m_{001}^{(20)} m_{121}^{(21)} \\ & - 2m_{100}^{(10)} m_{001}^{(20)} m_{112}^{(11)} + 2m_{100}^{(10)} m_{001}^{(21)} m_{220}^{(22)} - 4m_{100}^{(10)} m_{001}^{(21)} m_{121}^{(20)} + 2m_{100}^{(10)} m_{001}^{(21)} m_{022}^{(00)} \\ & - 2m_{100}^{(10)} m_{001}^{(22)} m_{220}^{(21)} + m_{100}^{(10)} m_{001}^{(22)} m_{211}^{(11)} + 2m_{100}^{(10)} m_{001}^{(22)} m_{130}^{(20)} - m_{100}^{(10)} m_{001}^{(22)} m_{031}^{(00)} \\ & + m_{100}^{(11)} m_{010}^{(00)} m_{112}^{(22)} - m_{100}^{(11)} m_{010}^{(00)} m_{103}^{(21)} - m_{100}^{(11)} m_{010}^{(00)} m_{013}^{(20)} + m_{100}^{(11)} m_{010}^{(00)} m_{004}^{(10)} \\ & - m_{100}^{(11)} m_{010}^{(10)} m_{202}^{(22)} + 2m_{100}^{(11)} m_{010}^{(10)} m_{103}^{(20)} - m_{100}^{(11)} m_{010}^{(10)} m_{004}^{(00)} - m_{100}^{(11)} m_{010}^{(20)} m_{211}^{(22)} \\ & + 2m_{100}^{(11)} m_{010}^{(20)} m_{202}^{(21)} - 2m_{100}^{(11)} m_{010}^{(20)} m_{103}^{(10)} + m_{100}^{(11)} m_{010}^{(20)} m_{013}^{(00)} + m_{100}^{(11)} m_{010}^{(21)} m_{301}^{(22)} \\ & - 2m_{100}^{(11)} m_{010}^{(21)} m_{202}^{(20)} + m_{100}^{(11)} m_{010}^{(21)} m_{103}^{(00)} - m_{100}^{(11)} m_{010}^{(22)} m_{301}^{(21)} + m_{100}^{(11)} m_{010}^{(22)} m_{211}^{(20)} \\ & + m_{100}^{(11)} m_{010}^{(22)} m_{202}^{(10)} - m_{100}^{(11)} m_{010}^{(22)} m_{112}^{(00)} - m_{100}^{(11)} m_{001}^{(00)} m_{121}^{(22)} + m_{100}^{(11)} m_{001}^{(00)} m_{112}^{(21)} \end{aligned}$$

$$
\begin{aligned}
&+m_{100}^{(11)}m_{001}^{(00)}m_{022}^{(20)} - m_{100}^{(11)}m_{001}^{(00)}m_{013}^{(10)} + m_{100}^{(11)}m_{001}^{(10)}m_{211}^{(22)} - 2m_{100}^{(11)}m_{001}^{(10)}m_{112}^{(20)}\\
&+m_{100}^{(11)}m_{001}^{(10)}m_{013}^{(00)} + m_{100}^{(11)}m_{001}^{(20)}m_{220}^{(22)} - 2m_{100}^{(11)}m_{001}^{(20)}m_{211}^{(21)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{112}^{(10)}\\
&-m_{100}^{(11)}m_{001}^{(20)}m_{022}^{(00)} - m_{100}^{(11)}m_{001}^{(21)}m_{310}^{(22)} + 2m_{100}^{(11)}m_{001}^{(21)}m_{211}^{(20)} - m_{100}^{(11)}m_{001}^{(21)}m_{112}^{(00)}\\
&+m_{100}^{(11)}m_{001}^{(22)}m_{310}^{(21)} - m_{100}^{(11)}m_{001}^{(22)}m_{220}^{(20)} - m_{100}^{(11)}m_{001}^{(22)}m_{211}^{(10)} + m_{100}^{(11)}m_{001}^{(22)}m_{121}^{(00)}\\
&+m_{100}^{(20)}m_{010}^{(00)}m_{031}^{(22)} - 2m_{100}^{(20)}m_{010}^{(00)}m_{022}^{(21)} + m_{100}^{(20)}m_{010}^{(00)}m_{013}^{(11)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{121}^{(22)}\\
&+4m_{100}^{(20)}m_{010}^{(10)}m_{112}^{(21)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{103}^{(11)} + m_{100}^{(20)}m_{010}^{(11)}m_{211}^{(22)} - 2m_{100}^{(20)}m_{010}^{(11)}m_{202}^{(21)}\\
&+2m_{100}^{(20)}m_{010}^{(11)}m_{103}^{(10)} - m_{100}^{(20)}m_{010}^{(11)}m_{013}^{(00)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{202}^{(11)} - 4m_{100}^{(20)}m_{010}^{(21)}m_{112}^{(10)}\\
&+2m_{100}^{(20)}m_{010}^{(21)}m_{022}^{(00)} - m_{100}^{(20)}m_{010}^{(22)}m_{211}^{(11)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{121}^{(10)} - m_{100}^{(20)}m_{010}^{(22)}m_{031}^{(00)}\\
&-m_{100}^{(20)}m_{001}^{(00)}m_{040}^{(22)} + 2m_{100}^{(20)}m_{001}^{(00)}m_{031}^{(21)} - m_{100}^{(20)}m_{001}^{(00)}m_{022}^{(11)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{130}^{(22)}\\
&-4m_{100}^{(20)}m_{001}^{(10)}m_{121}^{(21)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{112}^{(11)} - m_{100}^{(20)}m_{001}^{(11)}m_{220}^{(22)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{211}^{(21)}\\
&-2m_{100}^{(20)}m_{001}^{(11)}m_{112}^{(10)} + m_{100}^{(20)}m_{001}^{(11)}m_{022}^{(00)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{211}^{(11)} + 4m_{100}^{(20)}m_{001}^{(21)}m_{121}^{(10)}\\
&-2m_{100}^{(20)}m_{001}^{(21)}m_{031}^{(00)} + m_{100}^{(20)}m_{001}^{(22)}m_{220}^{(11)} - 2m_{100}^{(20)}m_{001}^{(22)}m_{130}^{(10)} + m_{100}^{(20)}m_{001}^{(22)}m_{040}^{(00)}\\
&-m_{100}^{(21)}m_{010}^{(00)}m_{121}^{(22)} + m_{100}^{(21)}m_{010}^{(00)}m_{103}^{(11)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{022}^{(20)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{013}^{(10)}\\
&+2m_{100}^{(21)}m_{010}^{(10)}m_{211}^{(22)} - 4m_{100}^{(21)}m_{010}^{(10)}m_{112}^{(20)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{013}^{(00)} - m_{100}^{(21)}m_{010}^{(11)}m_{301}^{(22)}\\
&+2m_{100}^{(21)}m_{010}^{(11)}m_{202}^{(20)} - m_{100}^{(21)}m_{010}^{(11)}m_{103}^{(00)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{202}^{(11)} + 4m_{100}^{(21)}m_{010}^{(20)}m_{112}^{(10)}\\
&-2m_{100}^{(21)}m_{010}^{(20)}m_{022}^{(00)} + m_{100}^{(21)}m_{010}^{(22)}m_{301}^{(11)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{211}^{(10)} + m_{100}^{(21)}m_{010}^{(22)}m_{121}^{(00)}\\
&+m_{100}^{(21)}m_{001}^{(00)}m_{130}^{(22)} - m_{100}^{(21)}m_{001}^{(00)}m_{112}^{(11)} - 2m_{100}^{(21)}m_{001}^{(00)}m_{031}^{(20)} + 2m_{100}^{(21)}m_{001}^{(00)}m_{022}^{(10)}\\
&-2m_{100}^{(21)}m_{001}^{(10)}m_{220}^{(22)} + 4m_{100}^{(21)}m_{001}^{(10)}m_{121}^{(20)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{022}^{(00)} + m_{100}^{(21)}m_{001}^{(11)}m_{310}^{(22)}\\
&-2m_{100}^{(21)}m_{001}^{(11)}m_{211}^{(20)} + m_{100}^{(21)}m_{001}^{(11)}m_{112}^{(00)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{211}^{(11)} - 4m_{100}^{(21)}m_{001}^{(20)}m_{121}^{(10)}\\
&+2m_{100}^{(21)}m_{001}^{(20)}m_{031}^{(00)} - m_{100}^{(21)}m_{001}^{(22)}m_{310}^{(11)} + 2m_{100}^{(21)}m_{001}^{(22)}m_{220}^{(10)} - m_{100}^{(21)}m_{001}^{(22)}m_{130}^{(00)}\\
&+m_{100}^{(22)}m_{010}^{(00)}m_{121}^{(21)} - m_{100}^{(22)}m_{010}^{(00)}m_{112}^{(11)} - m_{100}^{(22)}m_{010}^{(00)}m_{031}^{(20)} + m_{100}^{(22)}m_{010}^{(00)}m_{022}^{(10)}\\
&-2m_{100}^{(22)}m_{010}^{(10)}m_{211}^{(21)} + m_{100}^{(22)}m_{010}^{(10)}m_{202}^{(11)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{121}^{(20)} - m_{100}^{(22)}m_{010}^{(10)}m_{022}^{(00)}\\
&+m_{100}^{(22)}m_{010}^{(11)}m_{301}^{(21)} - m_{100}^{(22)}m_{010}^{(11)}m_{211}^{(20)} - m_{100}^{(22)}m_{010}^{(11)}m_{202}^{(10)} + m_{100}^{(22)}m_{010}^{(11)}m_{112}^{(00)}\\
&+m_{100}^{(22)}m_{010}^{(20)}m_{211}^{(11)} - 2m_{100}^{(22)}m_{010}^{(20)}m_{121}^{(10)} + m_{100}^{(22)}m_{010}^{(20)}m_{031}^{(00)} - m_{100}^{(22)}m_{010}^{(21)}m_{301}^{(11)}\\
&+2m_{100}^{(22)}m_{010}^{(21)}m_{211}^{(10)} - m_{100}^{(22)}m_{010}^{(21)}m_{121}^{(00)} - m_{100}^{(22)}m_{001}^{(00)}m_{130}^{(21)} + m_{100}^{(22)}m_{001}^{(00)}m_{121}^{(11)}\\
&+m_{100}^{(22)}m_{001}^{(00)}m_{040}^{(20)} - m_{100}^{(22)}m_{001}^{(00)}m_{031}^{(10)} + 2m_{100}^{(22)}m_{001}^{(10)}m_{220}^{(21)} - m_{100}^{(22)}m_{001}^{(10)}m_{211}^{(11)}\\
&-2m_{100}^{(22)}m_{001}^{(10)}m_{130}^{(20)} + m_{100}^{(22)}m_{001}^{(10)}m_{031}^{(00)} - m_{100}^{(22)}m_{001}^{(11)}m_{310}^{(21)} + m_{100}^{(22)}m_{001}^{(11)}m_{220}^{(20)}\\
&+m_{100}^{(22)}m_{001}^{(11)}m_{211}^{(10)} - m_{100}^{(22)}m_{001}^{(11)}m_{121}^{(00)} - m_{100}^{(22)}m_{001}^{(20)}m_{220}^{(11)} + 2m_{100}^{(22)}m_{001}^{(20)}m_{130}^{(10)}\\
&-m_{100}^{(22)}m_{001}^{(20)}m_{040}^{(00)} + m_{100}^{(22)}m_{001}^{(21)}m_{310}^{(11)} - 2m_{100}^{(22)}m_{001}^{(21)}m_{220}^{(10)} + m_{100}^{(22)}m_{001}^{(21)}m_{130}^{(00)}\\
&+m_{010}^{(00)}m_{001}^{(10)}m_{121}^{(22)} - 2m_{010}^{(00)}m_{001}^{(10)}m_{112}^{(21)} + m_{010}^{(00)}m_{001}^{(10)}m_{103}^{(11)} - m_{010}^{(00)}m_{001}^{(11)}m_{211}^{(22)}\\
&+m_{010}^{(00)}m_{001}^{(11)}m_{202}^{(21)} + m_{010}^{(00)}m_{001}^{(11)}m_{112}^{(20)} - m_{010}^{(00)}m_{001}^{(11)}m_{103}^{(10)} - m_{010}^{(00)}m_{001}^{(20)}m_{130}^{(22)}\\
&+2m_{010}^{(00)}m_{001}^{(20)}m_{121}^{(21)} - m_{010}^{(00)}m_{001}^{(20)}m_{112}^{(11)} + m_{010}^{(00)}m_{001}^{(21)}m_{220}^{(22)} - m_{010}^{(00)}m_{001}^{(21)}m_{202}^{(11)}\\
&-2m_{010}^{(00)}m_{001}^{(21)}m_{121}^{(20)} + 2m_{010}^{(00)}m_{001}^{(21)}m_{112}^{(10)} - m_{010}^{(00)}m_{001}^{(22)}m_{220}^{(21)} + m_{010}^{(00)}m_{001}^{(22)}m_{211}^{(11)}\\
&+m_{010}^{(00)}m_{001}^{(22)}m_{130}^{(20)} - m_{010}^{(00)}m_{001}^{(22)}m_{121}^{(10)} - m_{010}^{(10)}m_{001}^{(22)}m_{121}^{(00)} + 2m_{010}^{(10)}m_{001}^{(00)}m_{112}^{(21)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{103}^{(11)} + m_{010}^{(10)}m_{001}^{(11)}m_{301}^{(22)} - 2m_{010}^{(10)}m_{001}^{(11)}m_{202}^{(20)} + m_{010}^{(10)}m_{001}^{(11)}m_{103}^{(00)}\\
&+2m_{010}^{(10)}m_{001}^{(20)}m_{220}^{(22)} - 4m_{010}^{(10)}m_{001}^{(20)}m_{211}^{(21)} + 2m_{010}^{(10)}m_{001}^{(20)}m_{202}^{(11)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{310}^{(22)}\\
&+4m_{010}^{(10)}m_{001}^{(21)}m_{211}^{(20)} - 2m_{010}^{(10)}m_{001}^{(21)}m_{112}^{(00)} + 2m_{010}^{(10)}m_{001}^{(22)}m_{310}^{(21)} - m_{010}^{(10)}m_{001}^{(22)}m_{301}^{(11)}\\
&-2m_{010}^{(10)}m_{001}^{(22)}m_{220}^{(20)} + m_{010}^{(10)}m_{001}^{(22)}m_{121}^{(00)} + m_{010}^{(11)}m_{001}^{(00)}m_{211}^{(22)} - m_{010}^{(11)}m_{001}^{(00)}m_{202}^{(21)}
\end{aligned}
$$

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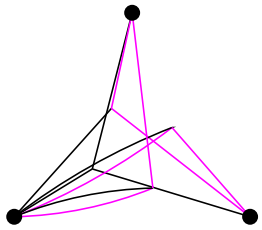
\begin{aligned}
&-m_{010}^{(11)}m_{001}^{(00)}m_{112}^{(20)}+m_{010}^{(11)}m_{001}^{(00)}m_{103}^{(10)}-m_{010}^{(11)}m_{001}^{(10)}m_{301}^{(22)}+2m_{010}^{(11)}m_{001}^{(10)}m_{202}^{(20)}\\
&-m_{010}^{(11)}m_{001}^{(10)}m_{103}^{(00)}-m_{010}^{(11)}m_{001}^{(20)}m_{310}^{(22)}+2m_{010}^{(11)}m_{001}^{(20)}m_{301}^{(21)}-2m_{010}^{(11)}m_{001}^{(20)}m_{202}^{(10)}\\
&+m_{010}^{(11)}m_{001}^{(20)}m_{112}^{(00)}+m_{010}^{(11)}m_{001}^{(21)}m_{400}^{(22)}-2m_{010}^{(11)}m_{001}^{(21)}m_{301}^{(20)}+m_{010}^{(11)}m_{001}^{(21)}m_{202}^{(00)}\\
&-m_{010}^{(11)}m_{001}^{(22)}m_{400}^{(21)}+m_{010}^{(11)}m_{001}^{(22)}m_{310}^{(20)}+m_{010}^{(11)}m_{001}^{(22)}m_{301}^{(10)}-m_{010}^{(11)}m_{001}^{(22)}m_{211}^{(00)}\\
&+m_{010}^{(20)}m_{001}^{(00)}m_{130}^{(22)}-2m_{010}^{(20)}m_{001}^{(00)}m_{121}^{(21)}+m_{010}^{(20)}m_{001}^{(00)}m_{112}^{(11)}-2m_{010}^{(20)}m_{001}^{(10)}m_{220}^{(22)}\\
&+4m_{010}^{(20)}m_{001}^{(10)}m_{211}^{(21)}-2m_{010}^{(20)}m_{001}^{(10)}m_{202}^{(11)}+m_{010}^{(20)}m_{001}^{(11)}m_{310}^{(22)}-2m_{010}^{(20)}m_{001}^{(11)}m_{301}^{(21)}\\
&+2m_{010}^{(20)}m_{001}^{(11)}m_{202}^{(10)}-m_{010}^{(20)}m_{001}^{(11)}m_{112}^{(00)}+2m_{010}^{(20)}m_{001}^{(21)}m_{301}^{(11)}-4m_{010}^{(20)}m_{001}^{(21)}m_{211}^{(10)}\\
&+2m_{010}^{(20)}m_{001}^{(21)}m_{121}^{(00)}-m_{010}^{(20)}m_{001}^{(22)}m_{310}^{(11)}+2m_{010}^{(20)}m_{001}^{(22)}m_{220}^{(10)}-m_{010}^{(20)}m_{001}^{(22)}m_{130}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(00)}m_{220}^{(22)}+m_{010}^{(21)}m_{001}^{(00)}m_{202}^{(11)}+2m_{010}^{(21)}m_{001}^{(00)}m_{121}^{(20)}-2m_{010}^{(21)}m_{001}^{(00)}m_{112}^{(10)}\\
&+2m_{010}^{(21)}m_{001}^{(10)}m_{310}^{(22)}-4m_{010}^{(21)}m_{001}^{(10)}m_{211}^{(20)}+2m_{010}^{(21)}m_{001}^{(10)}m_{112}^{(00)}-m_{010}^{(21)}m_{001}^{(11)}m_{400}^{(22)}\\
&+2m_{010}^{(21)}m_{001}^{(11)}m_{301}^{(20)}-m_{010}^{(21)}m_{001}^{(11)}m_{202}^{(00)}-2m_{010}^{(21)}m_{001}^{(20)}m_{301}^{(11)}+4m_{010}^{(21)}m_{001}^{(20)}m_{211}^{(10)}\\
&-2m_{010}^{(21)}m_{001}^{(20)}m_{121}^{(00)}+m_{010}^{(21)}m_{001}^{(22)}m_{400}^{(11)}-2m_{010}^{(21)}m_{001}^{(22)}m_{310}^{(10)}+m_{010}^{(21)}m_{001}^{(22)}m_{220}^{(00)}\\
&+m_{010}^{(22)}m_{001}^{(00)}m_{220}^{(21)}-m_{010}^{(22)}m_{001}^{(00)}m_{211}^{(11)}-m_{010}^{(22)}m_{001}^{(00)}m_{130}^{(20)}+m_{010}^{(22)}m_{001}^{(00)}m_{121}^{(10)}\\
&-2m_{010}^{(22)}m_{001}^{(10)}m_{310}^{(21)}+m_{010}^{(22)}m_{001}^{(10)}m_{301}^{(11)}+2m_{010}^{(22)}m_{001}^{(10)}m_{220}^{(20)}-m_{010}^{(22)}m_{001}^{(10)}m_{121}^{(00)}\\
&+m_{010}^{(22)}m_{001}^{(11)}m_{400}^{(21)}-m_{010}^{(22)}m_{001}^{(11)}m_{310}^{(20)}-m_{010}^{(22)}m_{001}^{(11)}m_{301}^{(10)}+m_{010}^{(22)}m_{001}^{(11)}m_{211}^{(00)}\\
&+m_{010}^{(22)}m_{001}^{(20)}m_{310}^{(11)}-2m_{010}^{(22)}m_{001}^{(20)}m_{220}^{(10)}+m_{010}^{(22)}m_{001}^{(20)}m_{130}^{(00)}-m_{010}^{(22)}m_{001}^{(21)}m_{400}^{(11)}\\
&+2m_{010}^{(22)}m_{001}^{(21)}m_{310}^{(10)}-m_{010}^{(22)}m_{001}^{(21)}m_{220}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & V1 & 1 & 1\\
1 & 1 & V2 & 2\\
V2 & V3 & V3 & 3
\end{array}
$$



$$
\begin{aligned}
T_{119} \;=\;& 2m_{100}^{(00)}m_{010}^{(10)}m_{022}^{(22)}-4m_{100}^{(00)}m_{010}^{(10)}m_{013}^{(21)}+2m_{100}^{(00)}m_{010}^{(10)}m_{004}^{(11)}-2m_{100}^{(00)}m_{010}^{(11)}m_{112}^{(22)}\\
&+2m_{100}^{(00)}m_{010}^{(11)}m_{103}^{(21)}+2m_{100}^{(00)}m_{010}^{(11)}m_{013}^{(20)}-2m_{100}^{(00)}m_{010}^{(11)}m_{004}^{(10)}-2m_{100}^{(00)}m_{010}^{(20)}m_{031}^{(22)}\\
&+4m_{100}^{(00)}m_{010}^{(20)}m_{022}^{(21)}-2m_{100}^{(00)}m_{010}^{(20)}m_{013}^{(11)}+2m_{100}^{(00)}m_{010}^{(21)}m_{121}^{(22)}-2m_{100}^{(00)}m_{010}^{(21)}m_{103}^{(11)}\\
&-4m_{100}^{(00)}m_{010}^{(21)}m_{022}^{(20)}+4m_{100}^{(00)}m_{010}^{(21)}m_{013}^{(10)}-2m_{100}^{(00)}m_{010}^{(22)}m_{121}^{(21)}+2m_{100}^{(00)}m_{010}^{(22)}m_{112}^{(11)}\\
&+2m_{100}^{(00)}m_{010}^{(22)}m_{031}^{(20)}-2m_{100}^{(00)}m_{010}^{(22)}m_{022}^{(10)}-2m_{100}^{(00)}m_{001}^{(10)}m_{031}^{(22)}+4m_{100}^{(00)}m_{001}^{(10)}m_{022}^{(21)}\\
&-2m_{100}^{(00)}m_{001}^{(10)}m_{013}^{(11)}+2m_{100}^{(00)}m_{001}^{(11)}m_{121}^{(22)}-2m_{100}^{(00)}m_{001}^{(11)}m_{112}^{(21)}-2m_{100}^{(00)}m_{001}^{(11)}m_{022}^{(20)}
\end{aligned}
$$

$$
\begin{aligned}
&+2m_{100}^{(00)}m_{001}^{(11)}m_{013}^{(10)}+2m_{100}^{(00)}m_{001}^{(20)}m_{040}^{(22)}-4m_{100}^{(00)}m_{001}^{(20)}m_{031}^{(21)}+2m_{100}^{(00)}m_{001}^{(20)}m_{022}^{(11)}\\
&-2m_{100}^{(00)}m_{001}^{(21)}m_{130}^{(22)}+2m_{100}^{(00)}m_{001}^{(21)}m_{112}^{(11)}+4m_{100}^{(00)}m_{001}^{(21)}m_{031}^{(20)}-4m_{100}^{(00)}m_{001}^{(21)}m_{022}^{(10)}\\
&+2m_{100}^{(00)}m_{001}^{(22)}m_{130}^{(21)}-2m_{100}^{(00)}m_{001}^{(22)}m_{121}^{(11)}-2m_{100}^{(00)}m_{001}^{(22)}m_{040}^{(20)}+2m_{100}^{(00)}m_{001}^{(22)}m_{031}^{(10)}\\
&-(m_{100}^{(10)})^2m_{022}^{(22)}+2(m_{100}^{(10)})^2m_{013}^{(21)}-(m_{100}^{(10)})^2m_{004}^{(11)}+2m_{100}^{(10)}m_{100}^{(11)}m_{112}^{(22)}\\
&-2m_{100}^{(10)}m_{100}^{(11)}m_{103}^{(21)}-2m_{100}^{(10)}m_{100}^{(11)}m_{013}^{(20)}+2m_{100}^{(10)}m_{100}^{(11)}m_{004}^{(10)}+2m_{100}^{(10)}m_{100}^{(20)}m_{031}^{(22)}\\
&-4m_{100}^{(10)}m_{100}^{(20)}m_{022}^{(21)}+2m_{100}^{(10)}m_{100}^{(20)}m_{013}^{(11)}-2m_{100}^{(10)}m_{100}^{(21)}m_{121}^{(22)}+2m_{100}^{(10)}m_{100}^{(21)}m_{103}^{(11)}\\
&+4m_{100}^{(10)}m_{100}^{(21)}m_{022}^{(20)}-4m_{100}^{(10)}m_{100}^{(21)}m_{013}^{(10)}+2m_{100}^{(10)}m_{100}^{(22)}m_{121}^{(21)}-2m_{100}^{(10)}m_{100}^{(22)}m_{112}^{(11)}\\
&-2m_{100}^{(10)}m_{100}^{(22)}m_{031}^{(20)}+2m_{100}^{(10)}m_{100}^{(22)}m_{022}^{(10)}-2m_{100}^{(10)}m_{010}^{(10)}m_{112}^{(22)}+2m_{100}^{(10)}m_{010}^{(10)}m_{103}^{(21)}\\
&+2m_{100}^{(10)}m_{010}^{(10)}m_{013}^{(20)}-2m_{100}^{(10)}m_{010}^{(10)}m_{004}^{(10)}+2m_{100}^{(10)}m_{010}^{(11)}m_{202}^{(22)}-4m_{100}^{(10)}m_{010}^{(11)}m_{103}^{(20)}\\
&+2m_{100}^{(10)}m_{010}^{(11)}m_{004}^{(00)}+2m_{100}^{(10)}m_{010}^{(20)}m_{121}^{(22)}-2m_{100}^{(10)}m_{010}^{(20)}m_{112}^{(21)}-2m_{100}^{(10)}m_{010}^{(20)}m_{022}^{(20)}\\
&+2m_{100}^{(10)}m_{010}^{(20)}m_{013}^{(10)}-2m_{100}^{(10)}m_{010}^{(21)}m_{211}^{(22)}-2m_{100}^{(10)}m_{010}^{(21)}m_{202}^{(21)}+6m_{100}^{(10)}m_{010}^{(21)}m_{112}^{(20)}\\
&+2m_{100}^{(10)}m_{010}^{(21)}m_{103}^{(10)}-4m_{100}^{(10)}m_{010}^{(21)}m_{013}^{(00)}+2m_{100}^{(10)}m_{010}^{(22)}m_{211}^{(21)}-2m_{100}^{(10)}m_{010}^{(22)}m_{121}^{(20)}\\
&-2m_{100}^{(10)}m_{010}^{(22)}m_{112}^{(10)}+2m_{100}^{(10)}m_{010}^{(22)}m_{022}^{(00)}+4m_{100}^{(10)}m_{001}^{(10)}m_{121}^{(22)}-6m_{100}^{(10)}m_{001}^{(10)}m_{112}^{(21)}\\
&+2m_{100}^{(10)}m_{001}^{(10)}m_{103}^{(11)}-2m_{100}^{(10)}m_{001}^{(10)}m_{022}^{(20)}+2m_{100}^{(10)}m_{001}^{(10)}m_{013}^{(10)}-4m_{100}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{211}^{(22)}\\
&+2m_{100}^{(10)}m_{001}^{(11)}m_{202}^{(21)}+6m_{100}^{(10)}m_{001}^{(11)}m_{112}^{(20)}-2m_{100}^{(10)}m_{001}^{(11)}m_{103}^{(10)}-2m_{100}^{(10)}m_{001}^{(11)}m_{013}^{(00)}\\
&-4m_{100}^{(10)}m_{001}^{(20)}m_{130}^{(22)}+6m_{100}^{(10)}m_{001}^{(20)}m_{121}^{(21)}-2m_{100}^{(10)}m_{001}^{(20)}m_{112}^{(11)}+2m_{100}^{(10)}m_{001}^{(20)}m_{031}^{(20)}\\
&-2m_{100}^{(10)}m_{001}^{(20)}m_{022}^{(10)}+4m_{100}^{(10)}m_{001}^{(21)}m_{220}^{(22)}+2m_{100}^{(10)}m_{001}^{(21)}m_{211}^{(21)}-2m_{100}^{(10)}m_{001}^{(21)}m_{202}^{(11)}\\
&-10m_{100}^{(10)}m_{001}^{(21)}m_{121}^{(20)}+2m_{100}^{(10)}m_{001}^{(21)}m_{112}^{(10)}+4m_{100}^{(10)}m_{001}^{(21)}m_{022}^{(00)}-4m_{100}^{(10)}m_{001}^{(22)}m_{220}^{(21)}\\
&+2m_{100}^{(10)}m_{001}^{(22)}m_{211}^{(11)}+4m_{100}^{(10)}m_{001}^{(22)}m_{130}^{(20)}-2m_{100}^{(10)}m_{001}^{(22)}m_{031}^{(00)}-(m_{100}^{(11)})^2m_{202}^{(22)}\\
&+2(m_{100}^{(11)})^2m_{103}^{(20)}-(m_{100}^{(11)})^2m_{004}^{(00)}-2m_{100}^{(11)}m_{100}^{(20)}m_{121}^{(22)}+2m_{100}^{(11)}m_{100}^{(20)}m_{112}^{(21)}\\
&+2m_{100}^{(11)}m_{100}^{(20)}m_{022}^{(20)}-2m_{100}^{(11)}m_{100}^{(20)}m_{013}^{(10)}+2m_{100}^{(11)}m_{100}^{(21)}m_{211}^{(22)}+2m_{100}^{(11)}m_{100}^{(21)}m_{202}^{(21)}\\
&-6m_{100}^{(11)}m_{100}^{(21)}m_{112}^{(20)}-2m_{100}^{(11)}m_{100}^{(21)}m_{103}^{(10)}+4m_{100}^{(11)}m_{100}^{(21)}m_{013}^{(00)}-2m_{100}^{(11)}m_{100}^{(22)}m_{211}^{(21)}\\
&+2m_{100}^{(11)}m_{100}^{(22)}m_{121}^{(20)}+2m_{100}^{(11)}m_{100}^{(22)}m_{112}^{(10)}-2m_{100}^{(11)}m_{100}^{(22)}m_{022}^{(00)}-2m_{100}^{(11)}m_{001}^{(10)}m_{211}^{(22)}\\
&+2m_{100}^{(11)}m_{001}^{(10)}m_{202}^{(21)}+2m_{100}^{(11)}m_{001}^{(10)}m_{112}^{(20)}-2m_{100}^{(11)}m_{001}^{(10)}m_{103}^{(10)}+2m_{100}^{(11)}m_{001}^{(11)}m_{301}^{(22)}\\
&-4m_{100}^{(11)}m_{001}^{(11)}m_{202}^{(20)}+2m_{100}^{(11)}m_{001}^{(11)}m_{103}^{(00)}+2m_{100}^{(11)}m_{001}^{(20)}m_{220}^{(22)}-2m_{100}^{(11)}m_{001}^{(20)}m_{211}^{(21)}\\
&-2m_{100}^{(11)}m_{001}^{(20)}m_{121}^{(20)}+2m_{100}^{(11)}m_{001}^{(20)}m_{112}^{(10)}-2m_{100}^{(11)}m_{001}^{(21)}m_{310}^{(22)}-2m_{100}^{(11)}m_{001}^{(21)}m_{301}^{(21)}\\
&+6m_{100}^{(11)}m_{001}^{(21)}m_{211}^{(20)}+2m_{100}^{(11)}m_{001}^{(21)}m_{202}^{(10)}-4m_{100}^{(11)}m_{001}^{(21)}m_{112}^{(00)}+2m_{100}^{(11)}m_{001}^{(22)}m_{310}^{(21)}\\
&-2m_{100}^{(11)}m_{001}^{(22)}m_{220}^{(20)}-2m_{100}^{(11)}m_{001}^{(22)}m_{211}^{(10)}+2m_{100}^{(11)}m_{001}^{(22)}m_{121}^{(00)}-(m_{100}^{(20)})^2m_{040}^{(22)}\\
&+2(m_{100}^{(20)})^2m_{031}^{(21)}-(m_{100}^{(20)})^2m_{022}^{(11)}+2m_{100}^{(20)}m_{100}^{(21)}m_{130}^{(22)}-2m_{100}^{(20)}m_{100}^{(21)}m_{112}^{(11)}\\
&-4m_{100}^{(20)}m_{100}^{(21)}m_{031}^{(20)}+4m_{100}^{(20)}m_{100}^{(21)}m_{022}^{(10)}-2m_{100}^{(20)}m_{100}^{(22)}m_{130}^{(21)}+2m_{100}^{(20)}m_{100}^{(22)}m_{121}^{(11)}\\
&+2m_{100}^{(20)}m_{100}^{(22)}m_{040}^{(20)}-2m_{100}^{(20)}m_{100}^{(22)}m_{031}^{(10)}-2m_{100}^{(20)}m_{010}^{(10)}m_{121}^{(22)}+6m_{100}^{(20)}m_{010}^{(10)}m_{112}^{(21)}\\
&-4m_{100}^{(20)}m_{010}^{(10)}m_{103}^{(11)}-2m_{100}^{(20)}m_{010}^{(10)}m_{022}^{(20)}+2m_{100}^{(20)}m_{010}^{(10)}m_{013}^{(10)}+2m_{100}^{(20)}m_{010}^{(11)}m_{211}^{(22)}\\
&-4m_{100}^{(20)}m_{010}^{(11)}m_{202}^{(21)}+4m_{100}^{(20)}m_{010}^{(11)}m_{103}^{(10)}-2m_{100}^{(20)}m_{010}^{(11)}m_{013}^{(00)}+2m_{100}^{(20)}m_{010}^{(20)}m_{130}^{(22)}\\
&-6m_{100}^{(20)}m_{010}^{(20)}m_{121}^{(21)}+4m_{100}^{(20)}m_{010}^{(20)}m_{112}^{(11)}+2m_{100}^{(20)}m_{010}^{(20)}m_{031}^{(20)}-2m_{100}^{(20)}m_{010}^{(20)}m_{022}^{(10)}\\
&-2m_{100}^{(20)}m_{010}^{(21)}m_{220}^{(22)}+2m_{100}^{(20)}m_{010}^{(21)}m_{211}^{(21)}+4m_{100}^{(20)}m_{010}^{(21)}m_{202}^{(11)}+2m_{100}^{(20)}m_{010}^{(21)}m_{121}^{(20)}\\
&-10m_{100}^{(20)}m_{010}^{(21)}m_{112}^{(10)}+4m_{100}^{(20)}m_{010}^{(21)}m_{022}^{(00)}+2m_{100}^{(20)}m_{010}^{(22)}m_{220}^{(21)}-4m_{100}^{(20)}m_{010}^{(22)}m_{211}^{(11)}\\
&-2m_{100}^{(20)}m_{010}^{(22)}m_{130}^{(20)}+6m_{100}^{(20)}m_{010}^{(22)}m_{121}^{(10)}-2m_{100}^{(20)}m_{010}^{(22)}m_{031}^{(00)}-2m_{100}^{(20)}m_{001}^{(10)}m_{121}^{(21)}\\
&+2m_{100}^{(20)}m_{001}^{(10)}m_{112}^{(11)}+2m_{100}^{(20)}m_{001}^{(10)}m_{031}^{(20)}-2m_{100}^{(20)}m_{001}^{(10)}m_{022}^{(10)}+2m_{100}^{(20)}m_{001}^{(11)}m_{211}^{(21)}
\end{aligned}
$$

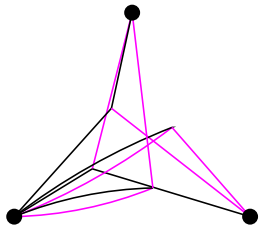
$$
\begin{aligned}
&-2m_{100}^{(20)}m_{001}^{(11)}m_{121}^{(20)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{112}^{(10)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{022}^{(00)} + 2m_{100}^{(20)}m_{001}^{(20)}m_{130}^{(21)} \\
&-2m_{100}^{(20)}m_{001}^{(20)}m_{121}^{(11)} - 2m_{100}^{(20)}m_{001}^{(20)}m_{040}^{(20)} + 2m_{100}^{(20)}m_{001}^{(20)}m_{031}^{(10)} - 2m_{100}^{(20)}m_{001}^{(21)}m_{220}^{(21)} \\
&-2m_{100}^{(20)}m_{001}^{(21)}m_{211}^{(11)} + 2m_{100}^{(20)}m_{001}^{(21)}m_{130}^{(20)} + 6m_{100}^{(20)}m_{001}^{(21)}m_{121}^{(10)} - 4m_{100}^{(20)}m_{001}^{(21)}m_{031}^{(00)} \\
&+2m_{100}^{(20)}m_{001}^{(22)}m_{220}^{(11)} - 4m_{100}^{(20)}m_{001}^{(22)}m_{130}^{(10)} + 2m_{100}^{(20)}m_{001}^{(22)}m_{040}^{(00)} - (m_{100}^{(21)})^2m_{220}^{(22)} \\
&-2(m_{100}^{(21)})^2m_{211}^{(21)} - (m_{100}^{(21)})^2m_{202}^{(11)} + 4(m_{100}^{(21)})^2m_{121}^{(20)} + 4(m_{100}^{(21)})^2m_{112}^{(10)} \\
&-4(m_{100}^{(21)})^2m_{022}^{(00)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{220}^{(21)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{211}^{(11)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{130}^{(20)} \\
&-6m_{100}^{(21)}m_{100}^{(22)}m_{121}^{(10)} + 4m_{100}^{(21)}m_{100}^{(22)}m_{031}^{(00)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{211}^{(22)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{202}^{(21)} \\
&-2m_{100}^{(21)}m_{010}^{(10)}m_{112}^{(20)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{103}^{(10)} - 2m_{100}^{(21)}m_{010}^{(11)}m_{301}^{(22)} + 4m_{100}^{(21)}m_{010}^{(11)}m_{202}^{(20)} \\
&-2m_{100}^{(21)}m_{010}^{(11)}m_{103}^{(00)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{220}^{(22)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{211}^{(21)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{121}^{(20)} \\
&-2m_{100}^{(21)}m_{010}^{(20)}m_{112}^{(10)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{310}^{(22)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{301}^{(21)} - 6m_{100}^{(21)}m_{010}^{(21)}m_{211}^{(20)} \\
&-2m_{100}^{(21)}m_{010}^{(21)}m_{202}^{(10)} + 4m_{100}^{(21)}m_{010}^{(21)}m_{112}^{(00)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{310}^{(21)} + 2m_{100}^{(21)}m_{010}^{(22)}m_{220}^{(20)} \\
&+2m_{100}^{(21)}m_{010}^{(22)}m_{211}^{(10)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{121}^{(00)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{211}^{(21)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{202}^{(11)} \\
&-2m_{100}^{(21)}m_{001}^{(10)}m_{121}^{(20)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{112}^{(10)} - 2m_{100}^{(21)}m_{001}^{(11)}m_{301}^{(21)} + 2m_{100}^{(21)}m_{001}^{(11)}m_{211}^{(20)} \\
&+2m_{100}^{(21)}m_{001}^{(11)}m_{202}^{(10)} - 2m_{100}^{(21)}m_{001}^{(11)}m_{112}^{(00)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{220}^{(21)} + 2m_{100}^{(21)}m_{001}^{(20)}m_{211}^{(11)} \\
&+2m_{100}^{(21)}m_{001}^{(20)}m_{130}^{(20)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{121}^{(10)} + 2m_{100}^{(21)}m_{001}^{(21)}m_{310}^{(21)} + 2m_{100}^{(21)}m_{001}^{(21)}m_{301}^{(11)} \\
&-2m_{100}^{(21)}m_{001}^{(21)}m_{220}^{(20)} - 6m_{100}^{(21)}m_{001}^{(21)}m_{211}^{(10)} + 4m_{100}^{(21)}m_{001}^{(21)}m_{121}^{(00)} - 2m_{100}^{(21)}m_{001}^{(22)}m_{310}^{(11)} \\
&+4m_{100}^{(21)}m_{001}^{(22)}m_{220}^{(10)} - 2m_{100}^{(21)}m_{001}^{(22)}m_{130}^{(00)} - (m_{100}^{(22)})^2m_{220}^{(11)} + 2(m_{100}^{(22)})^2m_{130}^{(10)} \\
&-(m_{100}^{(22)})^2m_{040}^{(00)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{211}^{(21)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{202}^{(11)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{121}^{(20)} \\
&-2m_{100}^{(22)}m_{010}^{(10)}m_{112}^{(10)} + 2m_{100}^{(22)}m_{010}^{(11)}m_{301}^{(21)} - 2m_{100}^{(22)}m_{010}^{(11)}m_{211}^{(20)} - 2m_{100}^{(22)}m_{010}^{(11)}m_{202}^{(10)} \\
&+2m_{100}^{(22)}m_{010}^{(11)}m_{112}^{(00)} + 2m_{100}^{(22)}m_{010}^{(20)}m_{220}^{(21)} - 2m_{100}^{(22)}m_{010}^{(20)}m_{211}^{(11)} - 2m_{100}^{(22)}m_{010}^{(20)}m_{130}^{(20)} \\
&+2m_{100}^{(22)}m_{010}^{(20)}m_{121}^{(10)} - 2m_{100}^{(22)}m_{010}^{(21)}m_{310}^{(21)} - 2m_{100}^{(22)}m_{010}^{(21)}m_{301}^{(11)} + 2m_{100}^{(22)}m_{010}^{(21)}m_{220}^{(20)} \\
&+6m_{100}^{(22)}m_{010}^{(21)}m_{211}^{(10)} - 4m_{100}^{(22)}m_{010}^{(21)}m_{121}^{(00)} + 2m_{100}^{(22)}m_{010}^{(22)}m_{310}^{(11)} - 4m_{100}^{(22)}m_{010}^{(22)}m_{220}^{(10)} \\
&+2m_{100}^{(22)}m_{010}^{(22)}m_{130}^{(00)} - (m_{010}^{(00)})^2m_{022}^{(22)} + 2(m_{010}^{(00)})^2m_{013}^{(21)} - (m_{010}^{(00)})^2m_{004}^{(11)} \\
&+2m_{010}^{(00)}m_{010}^{(10)}m_{112}^{(22)} - 2m_{010}^{(00)}m_{010}^{(10)}m_{103}^{(21)} - 2m_{010}^{(00)}m_{010}^{(10)}m_{013}^{(20)} + 2m_{010}^{(00)}m_{010}^{(10)}m_{004}^{(10)} \\
&+2m_{010}^{(00)}m_{010}^{(20)}m_{121}^{(22)} - 6m_{010}^{(00)}m_{010}^{(20)}m_{112}^{(21)} + 4m_{010}^{(00)}m_{010}^{(20)}m_{103}^{(11)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{022}^{(20)} \\
&-2m_{010}^{(00)}m_{010}^{(20)}m_{013}^{(10)} - 2m_{010}^{(00)}m_{010}^{(21)}m_{211}^{(22)} + 2m_{010}^{(00)}m_{010}^{(21)}m_{202}^{(21)} + 2m_{010}^{(00)}m_{010}^{(21)}m_{112}^{(20)} \\
&-2m_{010}^{(00)}m_{010}^{(21)}m_{103}^{(10)} + 2m_{010}^{(00)}m_{010}^{(22)}m_{211}^{(21)} - 2m_{010}^{(00)}m_{010}^{(22)}m_{202}^{(11)} - 2m_{010}^{(00)}m_{010}^{(22)}m_{121}^{(20)} \\
&+2m_{010}^{(00)}m_{010}^{(22)}m_{112}^{(10)} + 2m_{010}^{(00)}m_{001}^{(00)}m_{031}^{(22)} - 4m_{010}^{(00)}m_{001}^{(00)}m_{022}^{(21)} + 2m_{010}^{(00)}m_{001}^{(00)}m_{013}^{(11)} \\
&-2m_{010}^{(00)}m_{001}^{(10)}m_{121}^{(22)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{112}^{(21)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{022}^{(20)} - 2m_{010}^{(00)}m_{001}^{(10)}m_{013}^{(10)} \\
&-2m_{010}^{(00)}m_{001}^{(20)}m_{130}^{(22)} + 6m_{010}^{(00)}m_{001}^{(20)}m_{121}^{(21)} - 4m_{010}^{(00)}m_{001}^{(20)}m_{112}^{(11)} - 2m_{010}^{(00)}m_{001}^{(20)}m_{031}^{(20)} \\
&+2m_{010}^{(00)}m_{001}^{(20)}m_{022}^{(10)} + 2m_{010}^{(00)}m_{001}^{(21)}m_{220}^{(22)} - 2m_{010}^{(00)}m_{001}^{(21)}m_{211}^{(21)} - 2m_{010}^{(00)}m_{001}^{(21)}m_{121}^{(20)} \\
&+2m_{010}^{(00)}m_{001}^{(21)}m_{112}^{(10)} - 2m_{010}^{(00)}m_{001}^{(22)}m_{220}^{(21)} + 2m_{010}^{(00)}m_{001}^{(22)}m_{211}^{(11)} + 2m_{010}^{(00)}m_{001}^{(22)}m_{130}^{(20)} \\
&-2m_{010}^{(00)}m_{001}^{(22)}m_{121}^{(10)} - (m_{010}^{(10)})^2m_{202}^{(22)} + 2(m_{010}^{(10)})^2m_{103}^{(20)} - (m_{010}^{(10)})^2m_{004}^{(00)} \\
&-2m_{010}^{(10)}m_{010}^{(20)}m_{211}^{(22)} + 4m_{010}^{(10)}m_{010}^{(20)}m_{202}^{(21)} - 4m_{010}^{(10)}m_{010}^{(20)}m_{103}^{(10)} + 2m_{010}^{(10)}m_{010}^{(20)}m_{013}^{(00)} \\
&+2m_{010}^{(10)}m_{010}^{(21)}m_{301}^{(22)} - 4m_{010}^{(10)}m_{010}^{(21)}m_{202}^{(20)} + 2m_{010}^{(10)}m_{010}^{(21)}m_{103}^{(00)} - 2m_{010}^{(10)}m_{010}^{(22)}m_{301}^{(21)} \\
&+2m_{010}^{(10)}m_{010}^{(22)}m_{211}^{(20)} + 2m_{010}^{(10)}m_{010}^{(22)}m_{202}^{(10)} - 2m_{010}^{(10)}m_{010}^{(22)}m_{112}^{(00)} - 4m_{010}^{(10)}m_{001}^{(00)}m_{121}^{(22)} \\
&+6m_{010}^{(10)}m_{001}^{(00)}m_{112}^{(21)} - 2m_{010}^{(10)}m_{001}^{(00)}m_{103}^{(11)} + 2m_{010}^{(10)}m_{001}^{(00)}m_{022}^{(20)} - 2m_{010}^{(10)}m_{001}^{(00)}m_{013}^{(10)} \\
&+4m_{010}^{(10)}m_{001}^{(10)}m_{211}^{(22)} - 2m_{010}^{(10)}m_{001}^{(10)}m_{202}^{(21)} - 6m_{010}^{(10)}m_{001}^{(10)}m_{112}^{(20)} + 2m_{010}^{(10)}m_{001}^{(10)}m_{103}^{(10)}
\end{aligned}
$$

$$+2m_{010}^{(10)}m_{001}^{(10)}m_{013}^{(00)}+4m_{010}^{(10)}m_{001}^{(20)}m_{220}^{(22)}-10m_{010}^{(10)}m_{001}^{(20)}m_{211}^{(21)}+4m_{010}^{(10)}m_{001}^{(20)}m_{202}^{(11)}$$
$$+2m_{010}^{(10)}m_{001}^{(20)}m_{121}^{(20)}+2m_{010}^{(10)}m_{001}^{(20)}m_{112}^{(10)}-2m_{010}^{(10)}m_{001}^{(20)}m_{022}^{(00)}-4m_{010}^{(10)}m_{001}^{(21)}m_{310}^{(22)}$$
$$+2m_{010}^{(10)}m_{001}^{(21)}m_{301}^{(21)}+6m_{010}^{(10)}m_{001}^{(21)}m_{211}^{(20)}-2m_{010}^{(10)}m_{001}^{(21)}m_{202}^{(10)}-2m_{010}^{(10)}m_{001}^{(21)}m_{112}^{(00)}$$
$$+4m_{010}^{(10)}m_{001}^{(22)}m_{310}^{(21)}-2m_{010}^{(10)}m_{001}^{(22)}m_{301}^{(11)}-4m_{010}^{(10)}m_{001}^{(22)}m_{220}^{(20)}+2m_{010}^{(10)}m_{001}^{(22)}m_{121}^{(00)}$$
$$+2m_{010}^{(11)}m_{001}^{(00)}m_{211}^{(22)}-2m_{010}^{(11)}m_{001}^{(00)}m_{202}^{(21)}-2m_{010}^{(11)}m_{001}^{(00)}m_{112}^{(20)}+2m_{010}^{(11)}m_{001}^{(00)}m_{103}^{(10)}$$
$$-2m_{010}^{(11)}m_{001}^{(10)}m_{301}^{(22)}+4m_{010}^{(11)}m_{001}^{(10)}m_{202}^{(20)}-2m_{010}^{(11)}m_{001}^{(10)}m_{103}^{(00)}-2m_{010}^{(11)}m_{001}^{(20)}m_{310}^{(22)}$$
$$+4m_{010}^{(11)}m_{001}^{(20)}m_{301}^{(21)}-4m_{010}^{(11)}m_{001}^{(20)}m_{202}^{(10)}+2m_{010}^{(11)}m_{001}^{(20)}m_{112}^{(00)}+2m_{010}^{(11)}m_{001}^{(21)}m_{400}^{(22)}$$
$$-4m_{010}^{(11)}m_{001}^{(21)}m_{301}^{(20)}+2m_{010}^{(11)}m_{001}^{(21)}m_{202}^{(00)}-2m_{010}^{(11)}m_{001}^{(22)}m_{400}^{(21)}+2m_{010}^{(11)}m_{001}^{(22)}m_{310}^{(20)}$$
$$+2m_{010}^{(11)}m_{001}^{(22)}m_{301}^{(10)}-2m_{010}^{(11)}m_{001}^{(22)}m_{211}^{(00)}-(m_{010}^{(20)})^2m_{220}^{(22)}+4(m_{010}^{(20)})^2m_{211}^{(21)}$$
$$-4(m_{010}^{(20)})^2m_{202}^{(11)}-2(m_{010}^{(20)})^2m_{121}^{(20)}+4(m_{010}^{(20)})^2m_{112}^{(10)}-(m_{010}^{(20)})^2m_{022}^{(00)}$$
$$+2m_{010}^{(20)}m_{010}^{(21)}m_{310}^{(22)}-4m_{010}^{(20)}m_{010}^{(21)}m_{301}^{(21)}+4m_{010}^{(20)}m_{010}^{(21)}m_{202}^{(10)}-2m_{010}^{(20)}m_{010}^{(21)}m_{112}^{(00)}$$
$$-2m_{010}^{(20)}m_{010}^{(22)}m_{310}^{(21)}+4m_{010}^{(20)}m_{010}^{(22)}m_{301}^{(11)}+2m_{010}^{(20)}m_{010}^{(22)}m_{220}^{(20)}-6m_{010}^{(20)}m_{010}^{(22)}m_{211}^{(10)}$$
$$+2m_{010}^{(20)}m_{010}^{(22)}m_{121}^{(00)}+2m_{010}^{(20)}m_{001}^{(00)}m_{121}^{(21)}-2m_{010}^{(20)}m_{001}^{(00)}m_{112}^{(11)}-2m_{010}^{(20)}m_{001}^{(00)}m_{031}^{(20)}$$
$$+2m_{010}^{(20)}m_{001}^{(00)}m_{022}^{(10)}-2m_{010}^{(20)}m_{001}^{(10)}m_{211}^{(21)}+2m_{010}^{(20)}m_{001}^{(10)}m_{121}^{(20)}+2m_{010}^{(20)}m_{001}^{(10)}m_{112}^{(10)}$$
$$-2m_{010}^{(20)}m_{001}^{(10)}m_{022}^{(00)}-2m_{010}^{(20)}m_{001}^{(20)}m_{220}^{(21)}+4m_{010}^{(20)}m_{001}^{(20)}m_{211}^{(11)}+2m_{010}^{(20)}m_{001}^{(20)}m_{130}^{(20)}$$
$$-6m_{010}^{(20)}m_{001}^{(20)}m_{121}^{(10)}+2m_{010}^{(20)}m_{001}^{(20)}m_{031}^{(00)}+2m_{010}^{(20)}m_{001}^{(21)}m_{310}^{(21)}-2m_{010}^{(20)}m_{001}^{(21)}m_{220}^{(20)}$$
$$-2m_{010}^{(20)}m_{001}^{(21)}m_{211}^{(10)}+2m_{010}^{(20)}m_{001}^{(21)}m_{121}^{(00)}-2m_{010}^{(20)}m_{001}^{(22)}m_{310}^{(11)}+4m_{010}^{(20)}m_{001}^{(22)}m_{220}^{(10)}$$
$$-2m_{010}^{(20)}m_{001}^{(22)}m_{130}^{(00)}-(m_{010}^{(21)})^2m_{400}^{(22)}+2(m_{010}^{(21)})^2m_{301}^{(20)}-(m_{010}^{(21)})^2m_{202}^{(00)}$$
$$+2m_{010}^{(21)}m_{010}^{(22)}m_{400}^{(21)}-2m_{010}^{(21)}m_{010}^{(22)}m_{310}^{(20)}-2m_{010}^{(21)}m_{010}^{(22)}m_{301}^{(10)}+2m_{010}^{(21)}m_{010}^{(22)}m_{211}^{(00)}$$
$$-2m_{010}^{(21)}m_{001}^{(00)}m_{211}^{(21)}+2m_{010}^{(21)}m_{001}^{(00)}m_{202}^{(11)}+2m_{010}^{(21)}m_{001}^{(00)}m_{121}^{(20)}-2m_{010}^{(21)}m_{001}^{(00)}m_{112}^{(10)}$$
$$+2m_{010}^{(21)}m_{001}^{(10)}m_{301}^{(21)}-2m_{010}^{(21)}m_{001}^{(10)}m_{211}^{(20)}-2m_{010}^{(21)}m_{001}^{(10)}m_{202}^{(10)}+2m_{010}^{(21)}m_{001}^{(10)}m_{112}^{(00)}$$
$$+2m_{010}^{(21)}m_{001}^{(20)}m_{310}^{(21)}-4m_{010}^{(21)}m_{001}^{(20)}m_{301}^{(11)}-2m_{010}^{(21)}m_{001}^{(20)}m_{220}^{(20)}+6m_{010}^{(21)}m_{001}^{(20)}m_{211}^{(10)}$$
$$-2m_{010}^{(21)}m_{001}^{(20)}m_{121}^{(00)}-2m_{010}^{(21)}m_{001}^{(21)}m_{400}^{(21)}+2m_{010}^{(21)}m_{001}^{(21)}m_{310}^{(20)}+2m_{010}^{(21)}m_{001}^{(21)}m_{301}^{(10)}$$
$$-2m_{010}^{(21)}m_{001}^{(21)}m_{211}^{(00)}+2m_{010}^{(21)}m_{001}^{(22)}m_{400}^{(11)}-4m_{010}^{(21)}m_{001}^{(22)}m_{310}^{(10)}+2m_{010}^{(21)}m_{001}^{(22)}m_{220}^{(00)}$$
$$-(m_{010}^{(22)})^2m_{400}^{(11)}+2(m_{010}^{(22)})^2m_{310}^{(10)}-(m_{010}^{(22)})^2m_{220}^{(00)}-(m_{001}^{(00)})^2m_{040}^{(22)}$$
$$+2(m_{001}^{(00)})^2m_{031}^{(21)}-(m_{001}^{(00)})^2m_{022}^{(11)}+4m_{001}^{(00)}m_{001}^{(10)}m_{130}^{(22)}-6m_{001}^{(00)}m_{001}^{(10)}m_{121}^{(21)}$$
$$+2m_{001}^{(00)}m_{001}^{(10)}m_{112}^{(11)}-2m_{001}^{(00)}m_{001}^{(10)}m_{031}^{(20)}+2m_{001}^{(00)}m_{001}^{(10)}m_{022}^{(10)}-2m_{001}^{(00)}m_{001}^{(11)}m_{220}^{(22)}$$
$$+2m_{001}^{(00)}m_{001}^{(11)}m_{211}^{(21)}+2m_{001}^{(00)}m_{001}^{(11)}m_{121}^{(20)}-2m_{001}^{(00)}m_{001}^{(11)}m_{112}^{(10)}-2m_{001}^{(00)}m_{001}^{(20)}m_{130}^{(21)}$$
$$+2m_{001}^{(00)}m_{001}^{(20)}m_{121}^{(11)}+2m_{001}^{(00)}m_{001}^{(20)}m_{040}^{(20)}-2m_{001}^{(00)}m_{001}^{(20)}m_{031}^{(10)}+2m_{001}^{(00)}m_{001}^{(21)}m_{220}^{(21)}$$
$$-2m_{001}^{(00)}m_{001}^{(21)}m_{211}^{(11)}-2m_{001}^{(00)}m_{001}^{(21)}m_{130}^{(20)}+2m_{001}^{(00)}m_{001}^{(21)}m_{121}^{(10)}-4(m_{001}^{(10)})^2m_{220}^{(22)}$$
$$+4(m_{001}^{(10)})^2m_{211}^{(21)}-(m_{001}^{(10)})^2m_{202}^{(11)}+4(m_{001}^{(10)})^2m_{121}^{(20)}-2(m_{001}^{(10)})^2m_{112}^{(10)}$$
$$-(m_{001}^{(10)})^2m_{022}^{(00)}+4m_{001}^{(10)}m_{001}^{(11)}m_{310}^{(22)}-2m_{001}^{(10)}m_{001}^{(11)}m_{301}^{(21)}-6m_{001}^{(10)}m_{001}^{(11)}m_{211}^{(20)}$$
$$+2m_{001}^{(10)}m_{001}^{(11)}m_{202}^{(10)}+2m_{001}^{(10)}m_{001}^{(11)}m_{112}^{(00)}+4m_{001}^{(10)}m_{001}^{(20)}m_{220}^{(21)}-2m_{001}^{(10)}m_{001}^{(20)}m_{211}^{(11)}$$
$$-4m_{001}^{(10)}m_{001}^{(20)}m_{130}^{(20)}+2m_{001}^{(10)}m_{001}^{(20)}m_{031}^{(00)}-4m_{001}^{(10)}m_{001}^{(21)}m_{310}^{(21)}+2m_{001}^{(10)}m_{001}^{(21)}m_{301}^{(11)}$$
$$+4m_{001}^{(10)}m_{001}^{(21)}m_{220}^{(20)}-2m_{001}^{(10)}m_{001}^{(21)}m_{121}^{(00)}-(m_{001}^{(11)})^2m_{400}^{(22)}+2(m_{001}^{(11)})^2m_{301}^{(20)}$$
$$-(m_{001}^{(11)})^2m_{202}^{(00)}-2m_{001}^{(11)}m_{001}^{(20)}m_{310}^{(21)}+2m_{001}^{(11)}m_{001}^{(20)}m_{220}^{(20)}+2m_{001}^{(11)}m_{001}^{(20)}m_{211}^{(10)}$$
$$-2m_{001}^{(11)}m_{001}^{(20)}m_{121}^{(00)}+2m_{001}^{(11)}m_{001}^{(21)}m_{400}^{(21)}-2m_{001}^{(11)}m_{001}^{(21)}m_{310}^{(20)}-2m_{001}^{(11)}m_{001}^{(21)}m_{301}^{(10)}$$
$$+2m_{001}^{(11)}m_{001}^{(21)}m_{211}^{(00)}-(m_{001}^{(20)})^2m_{220}^{(11)}+2(m_{001}^{(20)})^2m_{130}^{(10)}-(m_{001}^{(20)})^2m_{040}^{(00)}$$

$$+2m_{001}^{(20)}m_{001}^{(21)}m_{310}^{(11)}-4m_{001}^{(20)}m_{001}^{(21)}m_{220}^{(10)}+2m_{001}^{(20)}m_{001}^{(21)}m_{130}^{(00)}-(m_{001}^{(21)})^2m_{400}^{(11)}$$
$$+2(m_{001}^{(21)})^2m_{310}^{(10)}-(m_{001}^{(21)})^2m_{220}^{(00)}$$

Generating graph:

$$\begin{array}{cccc} V1 & V1 & 1 & 1 \\ 1 & 1 & 2 & V2 \\ V2 & V3 & V3 & 3 \end{array}$$



$$\begin{aligned}
T_{120} \;=\;& m_{000}^{(00)} m_{200}^{(11)} m_{022}^{(22)} - 2m_{000}^{(00)} m_{200}^{(11)} m_{013}^{(21)} + m_{000}^{(00)} m_{200}^{(11)} m_{004}^{(11)} - 2m_{000}^{(00)} m_{200}^{(21)} m_{031}^{(22)} \\
&+4m_{000}^{(00)} m_{200}^{(21)} m_{022}^{(21)} - 2m_{000}^{(00)} m_{200}^{(21)} m_{013}^{(11)} + m_{000}^{(00)} m_{200}^{(22)} m_{040}^{(22)} - 2m_{000}^{(00)} m_{200}^{(22)} m_{031}^{(21)} \\
&+m_{000}^{(00)} m_{200}^{(22)} m_{022}^{(11)} - 2m_{000}^{(00)} m_{110}^{(10)} m_{022}^{(22)} + 4m_{000}^{(00)} m_{110}^{(10)} m_{013}^{(21)} - 2m_{000}^{(00)} m_{110}^{(10)} m_{004}^{(11)} \\
&+2m_{000}^{(00)} m_{110}^{(20)} m_{031}^{(22)} - 4m_{000}^{(00)} m_{110}^{(20)} m_{022}^{(21)} + 2m_{000}^{(00)} m_{110}^{(20)} m_{013}^{(11)} + 2m_{000}^{(00)} m_{110}^{(21)} m_{121}^{(22)} \\
&-4m_{000}^{(00)} m_{110}^{(21)} m_{112}^{(21)} + 2m_{000}^{(00)} m_{110}^{(21)} m_{103}^{(11)} - 2m_{000}^{(00)} m_{110}^{(22)} m_{130}^{(22)} + 4m_{000}^{(00)} m_{110}^{(22)} m_{121}^{(21)} \\
&-2m_{000}^{(00)} m_{110}^{(22)} m_{112}^{(11)} + 2m_{000}^{(00)} m_{101}^{(10)} m_{031}^{(22)} - 4m_{000}^{(00)} m_{101}^{(10)} m_{022}^{(21)} + 2m_{000}^{(00)} m_{101}^{(10)} m_{013}^{(11)} \\
&-2m_{000}^{(00)} m_{101}^{(11)} m_{121}^{(22)} + 4m_{000}^{(00)} m_{101}^{(11)} m_{112}^{(21)} - 2m_{000}^{(00)} m_{101}^{(11)} m_{103}^{(11)} - 2m_{000}^{(00)} m_{101}^{(20)} m_{040}^{(22)} \\
&+4m_{000}^{(00)} m_{101}^{(20)} m_{031}^{(21)} - 2m_{000}^{(00)} m_{101}^{(20)} m_{022}^{(11)} + 2m_{000}^{(00)} m_{101}^{(21)} m_{130}^{(22)} - 4m_{000}^{(00)} m_{101}^{(21)} m_{121}^{(21)} \\
&+2m_{000}^{(00)} m_{101}^{(21)} m_{112}^{(11)} + m_{000}^{(00)} m_{020}^{(00)} m_{022}^{(22)} - 2m_{000}^{(00)} m_{020}^{(00)} m_{013}^{(21)} + m_{000}^{(00)} m_{020}^{(00)} m_{004}^{(11)} \\
&-2m_{000}^{(00)} m_{020}^{(20)} m_{121}^{(22)} + 4m_{000}^{(00)} m_{020}^{(20)} m_{112}^{(21)} - 2m_{000}^{(00)} m_{020}^{(20)} m_{103}^{(11)} + m_{000}^{(00)} m_{020}^{(22)} m_{220}^{(22)} \\
&-2m_{000}^{(00)} m_{020}^{(22)} m_{211}^{(21)} + m_{000}^{(00)} m_{020}^{(22)} m_{202}^{(11)} - 2m_{000}^{(00)} m_{011}^{(00)} m_{031}^{(22)} + 4m_{000}^{(00)} m_{011}^{(00)} m_{022}^{(21)} \\
&-2m_{000}^{(00)} m_{011}^{(00)} m_{013}^{(11)} + 2m_{000}^{(00)} m_{011}^{(10)} m_{121}^{(22)} - 4m_{000}^{(00)} m_{011}^{(10)} m_{112}^{(21)} + 2m_{000}^{(00)} m_{011}^{(10)} m_{103}^{(11)} \\
&+2m_{000}^{(00)} m_{011}^{(20)} m_{130}^{(22)} - 4m_{000}^{(00)} m_{011}^{(20)} m_{121}^{(21)} + 2m_{000}^{(00)} m_{011}^{(20)} m_{112}^{(11)} - 2m_{000}^{(00)} m_{011}^{(21)} m_{220}^{(22)} \\
&+4m_{000}^{(00)} m_{011}^{(21)} m_{211}^{(21)} - 2m_{000}^{(00)} m_{011}^{(21)} m_{202}^{(11)} + m_{000}^{(00)} m_{002}^{(00)} m_{040}^{(22)} - 2m_{000}^{(00)} m_{002}^{(00)} m_{031}^{(21)} \\
&+m_{000}^{(00)} m_{002}^{(00)} m_{022}^{(11)} - 2m_{000}^{(00)} m_{002}^{(10)} m_{130}^{(22)} + 4m_{000}^{(00)} m_{002}^{(10)} m_{121}^{(21)} - 2m_{000}^{(00)} m_{002}^{(10)} m_{112}^{(11)} \\
&+m_{000}^{(00)} m_{002}^{(11)} m_{220}^{(22)} - 2m_{000}^{(00)} m_{002}^{(11)} m_{211}^{(21)} + m_{000}^{(00)} m_{002}^{(11)} m_{202}^{(11)} - 2m_{000}^{(10)} m_{200}^{(11)} m_{112}^{(22)} \\
&+2m_{000}^{(10)} m_{200}^{(11)} m_{103}^{(21)} + 2m_{000}^{(10)} m_{200}^{(11)} m_{013}^{(20)} - 2m_{000}^{(10)} m_{200}^{(11)} m_{004}^{(10)} + 4m_{000}^{(10)} m_{200}^{(21)} m_{121}^{(22)} \\
&-4m_{000}^{(10)} m_{200}^{(21)} m_{112}^{(21)} - 4m_{000}^{(10)} m_{200}^{(21)} m_{022}^{(20)} + 4m_{000}^{(10)} m_{200}^{(21)} m_{013}^{(10)} - 2m_{000}^{(10)} m_{200}^{(22)} m_{130}^{(22)} \\
&+2m_{000}^{(10)} m_{200}^{(22)} m_{121}^{(21)} + 2m_{000}^{(10)} m_{200}^{(22)} m_{031}^{(20)} - 2m_{000}^{(10)} m_{200}^{(22)} m_{022}^{(10)} + 4m_{000}^{(10)} m_{110}^{(10)} m_{112}^{(22)} \\
&-4m_{000}^{(10)} m_{110}^{(10)} m_{103}^{(21)} - 4m_{000}^{(10)} m_{110}^{(10)} m_{013}^{(20)} + 4m_{000}^{(10)} m_{110}^{(10)} m_{004}^{(10)} - 4m_{000}^{(10)} m_{110}^{(20)} m_{121}^{(22)} \\
&+4m_{000}^{(10)} m_{110}^{(20)} m_{112}^{(21)} + 4m_{000}^{(10)} m_{110}^{(20)} m_{022}^{(20)} - 4m_{000}^{(10)} m_{110}^{(20)} m_{013}^{(10)} - 4m_{000}^{(10)} m_{110}^{(21)} m_{211}^{(22)}
\end{aligned}$$

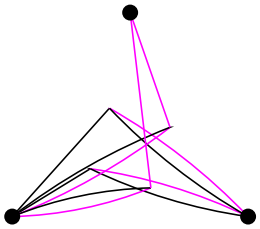
$$
\begin{aligned}
&+4m_{000}^{(10)}m_{110}^{(21)}m_{202}^{(21)}+4m_{000}^{(10)}m_{110}^{(21)}m_{112}^{(20)}-4m_{000}^{(10)}m_{110}^{(21)}m_{103}^{(10)}+4m_{000}^{(10)}m_{110}^{(22)}m_{220}^{(22)}\\
&-4m_{000}^{(10)}m_{110}^{(22)}m_{211}^{(21)}-4m_{000}^{(10)}m_{110}^{(22)}m_{121}^{(20)}+4m_{000}^{(10)}m_{110}^{(22)}m_{112}^{(10)}-4m_{000}^{(10)}m_{101}^{(10)}m_{121}^{(22)}\\
&+4m_{000}^{(10)}m_{101}^{(10)}m_{112}^{(21)}+4m_{000}^{(10)}m_{101}^{(10)}m_{022}^{(20)}-4m_{000}^{(10)}m_{101}^{(10)}m_{013}^{(10)}+4m_{000}^{(10)}m_{101}^{(11)}m_{211}^{(22)}\\
&-4m_{000}^{(10)}m_{101}^{(11)}m_{202}^{(21)}-4m_{000}^{(10)}m_{101}^{(11)}m_{112}^{(20)}+4m_{000}^{(10)}m_{101}^{(11)}m_{103}^{(10)}+4m_{000}^{(10)}m_{101}^{(20)}m_{130}^{(22)}\\
&-4m_{000}^{(10)}m_{101}^{(20)}m_{121}^{(21)}-4m_{000}^{(10)}m_{101}^{(20)}m_{031}^{(20)}+4m_{000}^{(10)}m_{101}^{(20)}m_{022}^{(10)}-4m_{000}^{(10)}m_{101}^{(21)}m_{220}^{(22)}\\
&+4m_{000}^{(10)}m_{101}^{(21)}m_{211}^{(21)}+4m_{000}^{(10)}m_{101}^{(21)}m_{121}^{(20)}-4m_{000}^{(10)}m_{101}^{(21)}m_{112}^{(10)}-2m_{000}^{(10)}m_{020}^{(00)}m_{112}^{(22)}\\
&+2m_{000}^{(10)}m_{020}^{(00)}m_{103}^{(21)}+2m_{000}^{(10)}m_{020}^{(00)}m_{013}^{(20)}-2m_{000}^{(10)}m_{020}^{(00)}m_{004}^{(10)}+4m_{000}^{(10)}m_{020}^{(20)}m_{211}^{(22)}\\
&-4m_{000}^{(10)}m_{020}^{(20)}m_{202}^{(21)}-4m_{000}^{(10)}m_{020}^{(20)}m_{112}^{(20)}+4m_{000}^{(10)}m_{020}^{(20)}m_{103}^{(10)}-2m_{000}^{(10)}m_{020}^{(22)}m_{310}^{(22)}\\
&+2m_{000}^{(10)}m_{020}^{(22)}m_{301}^{(21)}+2m_{000}^{(10)}m_{020}^{(22)}m_{211}^{(20)}-2m_{000}^{(10)}m_{020}^{(22)}m_{202}^{(10)}+4m_{000}^{(10)}m_{011}^{(00)}m_{121}^{(22)}\\
&-4m_{000}^{(10)}m_{011}^{(00)}m_{112}^{(21)}-4m_{000}^{(10)}m_{011}^{(00)}m_{022}^{(20)}+4m_{000}^{(10)}m_{011}^{(00)}m_{013}^{(10)}-4m_{000}^{(10)}m_{011}^{(10)}m_{211}^{(22)}\\
&+4m_{000}^{(10)}m_{011}^{(10)}m_{202}^{(21)}+4m_{000}^{(10)}m_{011}^{(10)}m_{112}^{(20)}-4m_{000}^{(10)}m_{011}^{(10)}m_{103}^{(10)}-4m_{000}^{(10)}m_{011}^{(20)}m_{220}^{(22)}\\
&+4m_{000}^{(10)}m_{011}^{(20)}m_{211}^{(21)}+4m_{000}^{(10)}m_{011}^{(20)}m_{121}^{(20)}-4m_{000}^{(10)}m_{011}^{(20)}m_{112}^{(10)}+4m_{000}^{(10)}m_{011}^{(21)}m_{310}^{(22)}\\
&-4m_{000}^{(10)}m_{011}^{(21)}m_{301}^{(21)}-4m_{000}^{(10)}m_{011}^{(21)}m_{211}^{(20)}+4m_{000}^{(10)}m_{011}^{(21)}m_{202}^{(10)}-2m_{000}^{(10)}m_{002}^{(00)}m_{130}^{(22)}\\
&+2m_{000}^{(10)}m_{002}^{(00)}m_{121}^{(21)}+2m_{000}^{(10)}m_{002}^{(00)}m_{031}^{(20)}-2m_{000}^{(10)}m_{002}^{(00)}m_{022}^{(10)}+4m_{000}^{(10)}m_{002}^{(10)}m_{220}^{(22)}\\
&-4m_{000}^{(10)}m_{002}^{(10)}m_{211}^{(21)}-4m_{000}^{(10)}m_{002}^{(10)}m_{121}^{(20)}+4m_{000}^{(10)}m_{002}^{(10)}m_{112}^{(10)}-2m_{000}^{(10)}m_{002}^{(11)}m_{310}^{(22)}\\
&+2m_{000}^{(10)}m_{002}^{(11)}m_{301}^{(21)}+2m_{000}^{(10)}m_{002}^{(11)}m_{211}^{(20)}-2m_{000}^{(10)}m_{002}^{(11)}m_{202}^{(10)}+m_{000}^{(11)}m_{200}^{(11)}m_{202}^{(22)}\\
&-2m_{000}^{(11)}m_{200}^{(11)}m_{103}^{(20)}+m_{000}^{(11)}m_{200}^{(11)}m_{004}^{(00)}-2m_{000}^{(11)}m_{200}^{(21)}m_{211}^{(22)}+4m_{000}^{(11)}m_{200}^{(21)}m_{112}^{(20)}\\
&-2m_{000}^{(11)}m_{200}^{(21)}m_{013}^{(00)}+m_{000}^{(11)}m_{200}^{(22)}m_{220}^{(22)}-2m_{000}^{(11)}m_{200}^{(22)}m_{121}^{(20)}+m_{000}^{(11)}m_{200}^{(22)}m_{022}^{(00)}\\
&-2m_{000}^{(11)}m_{110}^{(10)}m_{202}^{(22)}+4m_{000}^{(11)}m_{110}^{(10)}m_{103}^{(20)}-2m_{000}^{(11)}m_{110}^{(10)}m_{004}^{(00)}+2m_{000}^{(11)}m_{110}^{(20)}m_{211}^{(22)}\\
&-4m_{000}^{(11)}m_{110}^{(20)}m_{112}^{(20)}+2m_{000}^{(11)}m_{110}^{(20)}m_{013}^{(00)}+2m_{000}^{(11)}m_{110}^{(21)}m_{301}^{(22)}-4m_{000}^{(11)}m_{110}^{(21)}m_{202}^{(20)}\\
&+2m_{000}^{(11)}m_{110}^{(21)}m_{103}^{(00)}-2m_{000}^{(11)}m_{110}^{(22)}m_{310}^{(22)}+4m_{000}^{(11)}m_{110}^{(22)}m_{211}^{(20)}-2m_{000}^{(11)}m_{110}^{(22)}m_{112}^{(00)}\\
&+2m_{000}^{(11)}m_{101}^{(10)}m_{211}^{(22)}-4m_{000}^{(11)}m_{101}^{(10)}m_{112}^{(20)}+2m_{000}^{(11)}m_{101}^{(10)}m_{013}^{(00)}-2m_{000}^{(11)}m_{101}^{(11)}m_{301}^{(22)}\\
&+4m_{000}^{(11)}m_{101}^{(11)}m_{202}^{(20)}-2m_{000}^{(11)}m_{101}^{(11)}m_{103}^{(00)}-2m_{000}^{(11)}m_{101}^{(20)}m_{220}^{(22)}+4m_{000}^{(11)}m_{101}^{(20)}m_{121}^{(20)}\\
&-2m_{000}^{(11)}m_{101}^{(20)}m_{022}^{(00)}+2m_{000}^{(11)}m_{101}^{(21)}m_{310}^{(22)}-4m_{000}^{(11)}m_{101}^{(21)}m_{211}^{(20)}+2m_{000}^{(11)}m_{101}^{(21)}m_{112}^{(00)}\\
&+m_{000}^{(11)}m_{020}^{(00)}m_{202}^{(22)}-2m_{000}^{(11)}m_{020}^{(00)}m_{103}^{(20)}+m_{000}^{(11)}m_{020}^{(00)}m_{004}^{(00)}-2m_{000}^{(11)}m_{020}^{(20)}m_{301}^{(22)}\\
&+4m_{000}^{(11)}m_{020}^{(20)}m_{202}^{(20)}-2m_{000}^{(11)}m_{020}^{(20)}m_{103}^{(00)}+m_{000}^{(11)}m_{020}^{(22)}m_{400}^{(22)}-2m_{000}^{(11)}m_{020}^{(22)}m_{301}^{(20)}\\
&+m_{000}^{(11)}m_{020}^{(22)}m_{202}^{(00)}-2m_{000}^{(11)}m_{011}^{(00)}m_{211}^{(22)}+4m_{000}^{(11)}m_{011}^{(00)}m_{112}^{(20)}-2m_{000}^{(11)}m_{011}^{(00)}m_{013}^{(00)}\\
&+2m_{000}^{(11)}m_{011}^{(10)}m_{301}^{(22)}-4m_{000}^{(11)}m_{011}^{(10)}m_{202}^{(20)}+2m_{000}^{(11)}m_{011}^{(10)}m_{103}^{(00)}+2m_{000}^{(11)}m_{011}^{(20)}m_{310}^{(22)}\\
&-4m_{000}^{(11)}m_{011}^{(20)}m_{211}^{(20)}+2m_{000}^{(11)}m_{011}^{(20)}m_{112}^{(00)}-2m_{000}^{(11)}m_{011}^{(21)}m_{400}^{(22)}+4m_{000}^{(11)}m_{011}^{(21)}m_{301}^{(20)}\\
&-2m_{000}^{(11)}m_{011}^{(21)}m_{202}^{(00)}+m_{000}^{(11)}m_{002}^{(00)}m_{220}^{(22)}-2m_{000}^{(11)}m_{002}^{(00)}m_{121}^{(20)}+m_{000}^{(11)}m_{002}^{(00)}m_{022}^{(00)}\\
&-2m_{000}^{(11)}m_{002}^{(10)}m_{310}^{(22)}+4m_{000}^{(11)}m_{002}^{(10)}m_{211}^{(20)}-2m_{000}^{(11)}m_{002}^{(10)}m_{112}^{(00)}+m_{000}^{(11)}m_{002}^{(11)}m_{400}^{(22)}\\
&-2m_{000}^{(11)}m_{002}^{(11)}m_{301}^{(20)}+m_{000}^{(11)}m_{002}^{(11)}m_{202}^{(00)}+2m_{000}^{(20)}m_{200}^{(11)}m_{112}^{(21)}-2m_{000}^{(20)}m_{200}^{(11)}m_{103}^{(11)}\\
&-2m_{000}^{(20)}m_{200}^{(11)}m_{022}^{(20)}+2m_{000}^{(20)}m_{200}^{(11)}m_{013}^{(10)}-4m_{000}^{(20)}m_{200}^{(21)}m_{121}^{(21)}+4m_{000}^{(20)}m_{200}^{(21)}m_{112}^{(11)}\\
&+4m_{000}^{(20)}m_{200}^{(21)}m_{031}^{(20)}-4m_{000}^{(20)}m_{200}^{(21)}m_{022}^{(10)}+2m_{000}^{(20)}m_{200}^{(22)}m_{130}^{(21)}-2m_{000}^{(20)}m_{200}^{(22)}m_{121}^{(11)}\\
&-2m_{000}^{(20)}m_{200}^{(22)}m_{040}^{(20)}+2m_{000}^{(20)}m_{200}^{(22)}m_{031}^{(10)}-4m_{000}^{(20)}m_{110}^{(10)}m_{112}^{(21)}+4m_{000}^{(20)}m_{110}^{(10)}m_{103}^{(11)}\\
&+4m_{000}^{(20)}m_{110}^{(10)}m_{022}^{(20)}-4m_{000}^{(20)}m_{110}^{(10)}m_{013}^{(10)}+4m_{000}^{(20)}m_{110}^{(20)}m_{121}^{(21)}-4m_{000}^{(20)}m_{110}^{(20)}m_{112}^{(11)}\\
&-4m_{000}^{(20)}m_{110}^{(20)}m_{031}^{(20)}+4m_{000}^{(20)}m_{110}^{(20)}m_{022}^{(10)}+4m_{000}^{(20)}m_{110}^{(21)}m_{211}^{(21)}-4m_{000}^{(20)}m_{110}^{(21)}m_{202}^{(11)}\\
&-4m_{000}^{(20)}m_{110}^{(21)}m_{121}^{(20)}+4m_{000}^{(20)}m_{110}^{(21)}m_{112}^{(10)}-4m_{000}^{(20)}m_{110}^{(22)}m_{220}^{(21)}+4m_{000}^{(20)}m_{110}^{(22)}m_{211}^{(11)}
\end{aligned}
$$

$$
\begin{aligned}
&+4m_{000}^{(20)}m_{110}^{(22)}m_{130}^{(20)} - 4m_{000}^{(20)}m_{110}^{(22)}m_{121}^{(10)} + 4m_{000}^{(20)}m_{101}^{(10)}m_{121}^{(21)} - 4m_{000}^{(20)}m_{101}^{(10)}m_{112}^{(11)}\\
&-4m_{000}^{(20)}m_{101}^{(10)}m_{031}^{(20)} + 4m_{000}^{(20)}m_{101}^{(10)}m_{022}^{(10)} - 4m_{000}^{(20)}m_{101}^{(11)}m_{211}^{(21)} + 4m_{000}^{(20)}m_{101}^{(11)}m_{202}^{(11)}\\
&+4m_{000}^{(20)}m_{101}^{(11)}m_{121}^{(20)} - 4m_{000}^{(20)}m_{101}^{(11)}m_{112}^{(10)} - 4m_{000}^{(20)}m_{101}^{(20)}m_{130}^{(21)} + 4m_{000}^{(20)}m_{101}^{(20)}m_{121}^{(11)}\\
&+4m_{000}^{(20)}m_{101}^{(20)}m_{040}^{(20)} - 4m_{000}^{(20)}m_{101}^{(20)}m_{031}^{(10)} + 4m_{000}^{(20)}m_{101}^{(21)}m_{220}^{(21)} - 4m_{000}^{(20)}m_{101}^{(21)}m_{211}^{(11)}\\
&-4m_{000}^{(20)}m_{101}^{(21)}m_{130}^{(20)} + 4m_{000}^{(20)}m_{101}^{(21)}m_{121}^{(10)} + 2m_{000}^{(20)}m_{020}^{(00)}m_{112}^{(21)} - 2m_{000}^{(20)}m_{020}^{(00)}m_{103}^{(11)}\\
&-2m_{000}^{(20)}m_{020}^{(00)}m_{022}^{(20)} + 2m_{000}^{(20)}m_{020}^{(00)}m_{013}^{(10)} - 4m_{000}^{(20)}m_{020}^{(20)}m_{211}^{(21)} + 4m_{000}^{(20)}m_{020}^{(20)}m_{202}^{(11)}\\
&+4m_{000}^{(20)}m_{020}^{(20)}m_{121}^{(20)} - 4m_{000}^{(20)}m_{020}^{(20)}m_{112}^{(10)} + 2m_{000}^{(20)}m_{020}^{(22)}m_{310}^{(21)} - 2m_{000}^{(20)}m_{020}^{(22)}m_{301}^{(11)}\\
&-2m_{000}^{(20)}m_{020}^{(22)}m_{220}^{(20)} + 2m_{000}^{(20)}m_{020}^{(22)}m_{211}^{(10)} - 4m_{000}^{(20)}m_{011}^{(00)}m_{121}^{(21)} + 4m_{000}^{(20)}m_{011}^{(00)}m_{112}^{(11)}\\
&+4m_{000}^{(20)}m_{011}^{(00)}m_{031}^{(20)} - 4m_{000}^{(20)}m_{011}^{(00)}m_{022}^{(10)} + 4m_{000}^{(20)}m_{011}^{(10)}m_{211}^{(21)} - 4m_{000}^{(20)}m_{011}^{(10)}m_{202}^{(11)}\\
&-4m_{000}^{(20)}m_{011}^{(10)}m_{121}^{(20)} + 4m_{000}^{(20)}m_{011}^{(10)}m_{112}^{(10)} + 4m_{000}^{(20)}m_{011}^{(20)}m_{220}^{(21)} - 4m_{000}^{(20)}m_{011}^{(20)}m_{211}^{(11)}\\
&-4m_{000}^{(20)}m_{011}^{(20)}m_{130}^{(20)} + 4m_{000}^{(20)}m_{011}^{(20)}m_{121}^{(10)} - 4m_{000}^{(20)}m_{011}^{(21)}m_{310}^{(21)} + 4m_{000}^{(20)}m_{011}^{(21)}m_{301}^{(11)}\\
&+4m_{000}^{(20)}m_{011}^{(21)}m_{220}^{(20)} - 4m_{000}^{(20)}m_{011}^{(21)}m_{211}^{(10)} + 2m_{000}^{(20)}m_{002}^{(00)}m_{130}^{(21)} - 2m_{000}^{(20)}m_{002}^{(00)}m_{121}^{(11)}\\
&-2m_{000}^{(20)}m_{002}^{(00)}m_{040}^{(20)} + 2m_{000}^{(20)}m_{002}^{(00)}m_{031}^{(10)} - 4m_{000}^{(20)}m_{002}^{(10)}m_{220}^{(21)} + 4m_{000}^{(20)}m_{002}^{(10)}m_{211}^{(11)}\\
&+4m_{000}^{(20)}m_{002}^{(10)}m_{130}^{(20)} - 4m_{000}^{(20)}m_{002}^{(10)}m_{121}^{(10)} + 2m_{000}^{(20)}m_{002}^{(11)}m_{310}^{(21)} - 2m_{000}^{(20)}m_{002}^{(11)}m_{301}^{(11)}\\
&-2m_{000}^{(20)}m_{002}^{(11)}m_{220}^{(20)} + 2m_{000}^{(20)}m_{002}^{(11)}m_{211}^{(10)} - 2m_{000}^{(21)}m_{200}^{(11)}m_{202}^{(21)} + 2m_{000}^{(21)}m_{200}^{(11)}m_{112}^{(20)}\\
&+2m_{000}^{(21)}m_{200}^{(11)}m_{103}^{(10)} - 2m_{000}^{(21)}m_{200}^{(11)}m_{013}^{(00)} + 4m_{000}^{(21)}m_{200}^{(21)}m_{211}^{(21)} - 4m_{000}^{(21)}m_{200}^{(21)}m_{121}^{(20)}\\
&-4m_{000}^{(21)}m_{200}^{(21)}m_{112}^{(10)} + 4m_{000}^{(21)}m_{200}^{(21)}m_{022}^{(00)} - 2m_{000}^{(21)}m_{200}^{(22)}m_{220}^{(21)} + 2m_{000}^{(21)}m_{200}^{(22)}m_{130}^{(20)}\\
&+2m_{000}^{(21)}m_{200}^{(22)}m_{121}^{(10)} - 2m_{000}^{(21)}m_{200}^{(22)}m_{031}^{(00)} + 4m_{000}^{(21)}m_{110}^{(10)}m_{202}^{(21)} - 4m_{000}^{(21)}m_{110}^{(10)}m_{112}^{(20)}\\
&-4m_{000}^{(21)}m_{110}^{(10)}m_{103}^{(10)} + 4m_{000}^{(21)}m_{110}^{(10)}m_{013}^{(00)} - 4m_{000}^{(21)}m_{110}^{(20)}m_{211}^{(21)} + 4m_{000}^{(21)}m_{110}^{(20)}m_{121}^{(11)}\\
&+4m_{000}^{(21)}m_{110}^{(20)}m_{112}^{(10)} - 4m_{000}^{(21)}m_{110}^{(20)}m_{022}^{(00)} - 4m_{000}^{(21)}m_{110}^{(21)}m_{301}^{(21)} + 4m_{000}^{(21)}m_{110}^{(21)}m_{211}^{(11)}\\
&+4m_{000}^{(21)}m_{110}^{(21)}m_{202}^{(10)} - 4m_{000}^{(21)}m_{110}^{(21)}m_{112}^{(00)} + 4m_{000}^{(21)}m_{110}^{(22)}m_{310}^{(21)} - 4m_{000}^{(21)}m_{110}^{(22)}m_{220}^{(20)}\\
&-4m_{000}^{(21)}m_{110}^{(22)}m_{211}^{(10)} + 4m_{000}^{(21)}m_{110}^{(22)}m_{121}^{(00)} - 4m_{000}^{(21)}m_{101}^{(10)}m_{211}^{(21)} + 4m_{000}^{(21)}m_{101}^{(10)}m_{121}^{(20)}\\
&+4m_{000}^{(21)}m_{101}^{(10)}m_{112}^{(10)} - 4m_{000}^{(21)}m_{101}^{(10)}m_{022}^{(00)} + 4m_{000}^{(21)}m_{101}^{(11)}m_{301}^{(21)} - 4m_{000}^{(21)}m_{101}^{(11)}m_{211}^{(20)}\\
&-4m_{000}^{(21)}m_{101}^{(11)}m_{202}^{(10)} + 4m_{000}^{(21)}m_{101}^{(11)}m_{112}^{(00)} + 4m_{000}^{(21)}m_{101}^{(20)}m_{220}^{(21)} - 4m_{000}^{(21)}m_{101}^{(20)}m_{130}^{(20)}\\
&-4m_{000}^{(21)}m_{101}^{(20)}m_{121}^{(10)} + 4m_{000}^{(21)}m_{101}^{(20)}m_{031}^{(00)} - 4m_{000}^{(21)}m_{101}^{(21)}m_{310}^{(21)} + 4m_{000}^{(21)}m_{101}^{(21)}m_{220}^{(20)}\\
&+4m_{000}^{(21)}m_{101}^{(21)}m_{211}^{(10)} - 4m_{000}^{(21)}m_{101}^{(21)}m_{121}^{(00)} - 2m_{000}^{(21)}m_{020}^{(00)}m_{202}^{(21)} + 2m_{000}^{(21)}m_{020}^{(00)}m_{112}^{(20)}\\
&+2m_{000}^{(21)}m_{020}^{(00)}m_{103}^{(10)} - 2m_{000}^{(21)}m_{020}^{(00)}m_{013}^{(00)} + 4m_{000}^{(21)}m_{020}^{(20)}m_{301}^{(21)} - 4m_{000}^{(21)}m_{020}^{(20)}m_{211}^{(20)}\\
&-4m_{000}^{(21)}m_{020}^{(20)}m_{202}^{(10)} + 4m_{000}^{(21)}m_{020}^{(20)}m_{112}^{(00)} - 2m_{000}^{(21)}m_{020}^{(22)}m_{400}^{(21)} + 2m_{000}^{(21)}m_{020}^{(22)}m_{310}^{(20)}\\
&+2m_{000}^{(21)}m_{020}^{(22)}m_{301}^{(10)} - 2m_{000}^{(21)}m_{020}^{(22)}m_{211}^{(00)} + 4m_{000}^{(21)}m_{011}^{(00)}m_{211}^{(21)} - 4m_{000}^{(21)}m_{011}^{(00)}m_{121}^{(20)}\\
&-4m_{000}^{(21)}m_{011}^{(00)}m_{112}^{(10)} + 4m_{000}^{(21)}m_{011}^{(00)}m_{022}^{(00)} - 4m_{000}^{(21)}m_{011}^{(10)}m_{301}^{(21)} + 4m_{000}^{(21)}m_{011}^{(10)}m_{211}^{(20)}\\
&+4m_{000}^{(21)}m_{011}^{(10)}m_{202}^{(10)} - 4m_{000}^{(21)}m_{011}^{(10)}m_{112}^{(00)} - 4m_{000}^{(21)}m_{011}^{(20)}m_{310}^{(21)} + 4m_{000}^{(21)}m_{011}^{(20)}m_{220}^{(20)}\\
&+4m_{000}^{(21)}m_{011}^{(20)}m_{211}^{(10)} - 4m_{000}^{(21)}m_{011}^{(20)}m_{121}^{(00)} + 4m_{000}^{(21)}m_{011}^{(21)}m_{400}^{(21)} - 4m_{000}^{(21)}m_{011}^{(21)}m_{310}^{(20)}\\
&-4m_{000}^{(21)}m_{011}^{(21)}m_{301}^{(10)} + 4m_{000}^{(21)}m_{011}^{(21)}m_{211}^{(00)} - 2m_{000}^{(21)}m_{002}^{(00)}m_{220}^{(21)} + 2m_{000}^{(21)}m_{002}^{(00)}m_{130}^{(20)}\\
&+2m_{000}^{(21)}m_{002}^{(00)}m_{121}^{(10)} - 2m_{000}^{(21)}m_{002}^{(00)}m_{031}^{(00)} + 4m_{000}^{(21)}m_{002}^{(10)}m_{310}^{(21)} - 4m_{000}^{(21)}m_{002}^{(10)}m_{220}^{(20)}\\
&-4m_{000}^{(21)}m_{002}^{(10)}m_{211}^{(10)} + 4m_{000}^{(21)}m_{002}^{(10)}m_{121}^{(00)} - 2m_{000}^{(21)}m_{002}^{(11)}m_{400}^{(21)} + 2m_{000}^{(21)}m_{002}^{(11)}m_{310}^{(20)}\\
&+2m_{000}^{(21)}m_{002}^{(11)}m_{301}^{(10)} - 2m_{000}^{(21)}m_{002}^{(11)}m_{211}^{(00)} + m_{000}^{(22)}m_{200}^{(11)}m_{202}^{(11)} - 2m_{000}^{(22)}m_{200}^{(11)}m_{112}^{(10)}\\
&+m_{000}^{(22)}m_{200}^{(11)}m_{022}^{(00)} - 2m_{000}^{(22)}m_{200}^{(21)}m_{211}^{(11)} + 4m_{000}^{(22)}m_{200}^{(21)}m_{121}^{(10)} - 2m_{000}^{(22)}m_{200}^{(21)}m_{031}^{(00)}\\
&+m_{000}^{(22)}m_{200}^{(22)}m_{220}^{(11)} - 2m_{000}^{(22)}m_{200}^{(22)}m_{130}^{(10)} + m_{000}^{(22)}m_{200}^{(22)}m_{040}^{(00)} - 2m_{000}^{(22)}m_{110}^{(10)}m_{202}^{(11)}
\end{aligned}
$$

$$
\begin{aligned}
&+4m_{000}^{(22)}m_{110}^{(10)}m_{112}^{(10)} - 2m_{000}^{(22)}m_{110}^{(10)}m_{022}^{(00)} + 2m_{000}^{(22)}m_{110}^{(20)}m_{211}^{(11)} - 4m_{000}^{(22)}m_{110}^{(20)}m_{121}^{(10)}\\
&+2m_{000}^{(22)}m_{110}^{(20)}m_{031}^{(00)} + 2m_{000}^{(22)}m_{110}^{(21)}m_{301}^{(11)} - 4m_{000}^{(22)}m_{110}^{(21)}m_{211}^{(10)} + 2m_{000}^{(22)}m_{110}^{(21)}m_{121}^{(00)}\\
&-2m_{000}^{(22)}m_{110}^{(22)}m_{310}^{(11)} + 4m_{000}^{(22)}m_{110}^{(22)}m_{220}^{(10)} - 2m_{000}^{(22)}m_{110}^{(22)}m_{130}^{(00)} + 2m_{000}^{(22)}m_{101}^{(10)}m_{211}^{(11)}\\
&-4m_{000}^{(22)}m_{101}^{(10)}m_{121}^{(10)} + 2m_{000}^{(22)}m_{101}^{(10)}m_{031}^{(00)} - 2m_{000}^{(22)}m_{101}^{(11)}m_{301}^{(11)} + 4m_{000}^{(22)}m_{101}^{(11)}m_{211}^{(10)}\\
&-2m_{000}^{(22)}m_{101}^{(11)}m_{121}^{(00)} - 2m_{000}^{(22)}m_{101}^{(20)}m_{220}^{(11)} + 4m_{000}^{(22)}m_{101}^{(20)}m_{130}^{(10)} - 2m_{000}^{(22)}m_{101}^{(20)}m_{040}^{(00)}\\
&+2m_{000}^{(22)}m_{101}^{(21)}m_{310}^{(11)} - 4m_{000}^{(22)}m_{101}^{(21)}m_{220}^{(10)} + 2m_{000}^{(22)}m_{101}^{(21)}m_{130}^{(00)} + m_{000}^{(22)}m_{020}^{(00)}m_{202}^{(11)}\\
&-2m_{000}^{(22)}m_{020}^{(00)}m_{112}^{(10)} + m_{000}^{(22)}m_{020}^{(00)}m_{022}^{(00)} - 2m_{000}^{(22)}m_{020}^{(20)}m_{301}^{(11)} + 4m_{000}^{(22)}m_{020}^{(20)}m_{211}^{(10)}\\
&-2m_{000}^{(22)}m_{020}^{(20)}m_{121}^{(00)} + m_{000}^{(22)}m_{020}^{(22)}m_{400}^{(11)} - 2m_{000}^{(22)}m_{020}^{(22)}m_{310}^{(10)} + m_{000}^{(22)}m_{020}^{(22)}m_{220}^{(00)}\\
&-2m_{000}^{(22)}m_{011}^{(00)}m_{211}^{(11)} + 4m_{000}^{(22)}m_{011}^{(00)}m_{121}^{(10)} - 2m_{000}^{(22)}m_{011}^{(00)}m_{031}^{(00)} + 2m_{000}^{(22)}m_{011}^{(10)}m_{301}^{(11)}\\
&-4m_{000}^{(22)}m_{011}^{(10)}m_{211}^{(10)} + 2m_{000}^{(22)}m_{011}^{(10)}m_{121}^{(00)} + 2m_{000}^{(22)}m_{011}^{(20)}m_{310}^{(11)} - 4m_{000}^{(22)}m_{011}^{(20)}m_{220}^{(10)}\\
&+2m_{000}^{(22)}m_{011}^{(20)}m_{130}^{(00)} - 2m_{000}^{(22)}m_{011}^{(21)}m_{400}^{(11)} + 4m_{000}^{(22)}m_{011}^{(21)}m_{310}^{(10)} - 2m_{000}^{(22)}m_{011}^{(21)}m_{220}^{(00)}\\
&+m_{000}^{(22)}m_{002}^{(00)}m_{220}^{(11)} - 2m_{000}^{(22)}m_{002}^{(00)}m_{130}^{(10)} + m_{000}^{(22)}m_{002}^{(00)}m_{040}^{(00)} - 2m_{000}^{(22)}m_{002}^{(10)}m_{310}^{(11)}\\
&+4m_{000}^{(22)}m_{002}^{(10)}m_{220}^{(10)} - 2m_{000}^{(22)}m_{002}^{(10)}m_{130}^{(00)} + m_{000}^{(22)}m_{002}^{(11)}m_{400}^{(11)} - 2m_{000}^{(22)}m_{002}^{(11)}m_{310}^{(10)}\\
&+m_{000}^{(22)}m_{002}^{(11)}m_{220}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & V1 & 1 & 1\\
1 & 1 & V3 & V3\\
V2 & V2 & 3 & 3
\end{array}
$$



$$
\begin{aligned}
T_{121} \;=\;& m_{000}^{(00)}m_{200}^{(11)}m_{022}^{(22)} - 2m_{000}^{(00)}m_{200}^{(11)}m_{013}^{(21)} + m_{000}^{(00)}m_{200}^{(11)}m_{004}^{(11)} - 2m_{000}^{(00)}m_{200}^{(21)}m_{031}^{(22)}\\
&+4m_{000}^{(00)}m_{200}^{(21)}m_{022}^{(21)} - 2m_{000}^{(00)}m_{200}^{(21)}m_{013}^{(11)} + m_{000}^{(00)}m_{200}^{(22)}m_{040}^{(22)} - 2m_{000}^{(00)}m_{200}^{(22)}m_{031}^{(21)}\\
&+m_{000}^{(00)}m_{200}^{(22)}m_{022}^{(11)} - m_{000}^{(00)}m_{110}^{(10)}m_{022}^{(22)} + 2m_{000}^{(00)}m_{110}^{(10)}m_{013}^{(21)} - m_{000}^{(00)}m_{110}^{(10)}m_{004}^{(11)}\\
&-m_{000}^{(00)}m_{110}^{(11)}m_{112}^{(22)} + m_{000}^{(00)}m_{110}^{(11)}m_{103}^{(21)} + m_{000}^{(00)}m_{110}^{(11)}m_{013}^{(20)} - m_{000}^{(00)}m_{110}^{(11)}m_{004}^{(10)}\\
&+m_{000}^{(00)}m_{110}^{(20)}m_{031}^{(22)} - 2m_{000}^{(00)}m_{110}^{(20)}m_{022}^{(21)} + m_{000}^{(00)}m_{110}^{(20)}m_{013}^{(11)} + 3m_{000}^{(00)}m_{110}^{(21)}m_{121}^{(22)}\\
&-4m_{000}^{(00)}m_{110}^{(21)}m_{112}^{(21)} + m_{000}^{(00)}m_{110}^{(21)}m_{103}^{(11)} - 2m_{000}^{(00)}m_{110}^{(21)}m_{022}^{(20)} + 2m_{000}^{(00)}m_{110}^{(21)}m_{013}^{(10)}\\
&-2m_{000}^{(00)}m_{110}^{(22)}m_{130}^{(22)} + 3m_{000}^{(00)}m_{110}^{(22)}m_{121}^{(21)} - m_{000}^{(00)}m_{110}^{(22)}m_{112}^{(11)} + m_{000}^{(00)}m_{110}^{(22)}m_{031}^{(20)}\\
&-m_{000}^{(00)}m_{110}^{(22)}m_{022}^{(10)} + m_{000}^{(00)}m_{101}^{(10)}m_{031}^{(22)} - 2m_{000}^{(00)}m_{101}^{(10)}m_{022}^{(21)} + m_{000}^{(00)}m_{101}^{(10)}m_{013}^{(11)}\\
&-m_{000}^{(00)}m_{101}^{(11)}m_{121}^{(22)} + 3m_{000}^{(00)}m_{101}^{(11)}m_{112}^{(21)} - 2m_{000}^{(00)}m_{101}^{(11)}m_{103}^{(11)} - m_{000}^{(00)}m_{101}^{(11)}m_{022}^{(20)}
\end{aligned}
$$

$$+m_{000}^{(00)}m_{101}^{(11)}m_{013}^{(10)}-m_{000}^{(00)}m_{101}^{(20)}m_{040}^{(22)}+2m_{000}^{(00)}m_{101}^{(20)}m_{031}^{(21)}-m_{000}^{(00)}m_{101}^{(20)}m_{022}^{(11)}$$
$$+m_{000}^{(00)}m_{101}^{(21)}m_{130}^{(22)}-4m_{000}^{(00)}m_{101}^{(21)}m_{121}^{(21)}+3m_{000}^{(00)}m_{101}^{(21)}m_{112}^{(11)}+2m_{000}^{(00)}m_{101}^{(21)}m_{031}^{(20)}$$
$$-2m_{000}^{(00)}m_{101}^{(21)}m_{022}^{(10)}+m_{000}^{(00)}m_{101}^{(22)}m_{130}^{(21)}-m_{000}^{(00)}m_{101}^{(22)}m_{121}^{(11)}-m_{000}^{(00)}m_{101}^{(22)}m_{040}^{(20)}$$
$$+m_{000}^{(00)}m_{101}^{(22)}m_{031}^{(10)}+m_{000}^{(00)}m_{020}^{(10)}m_{112}^{(22)}-m_{000}^{(00)}m_{020}^{(10)}m_{103}^{(21)}-m_{000}^{(00)}m_{020}^{(10)}m_{013}^{(20)}$$
$$+m_{000}^{(00)}m_{020}^{(10)}m_{004}^{(10)}-m_{000}^{(00)}m_{020}^{(20)}m_{121}^{(22)}+m_{000}^{(00)}m_{020}^{(20)}m_{112}^{(21)}+m_{000}^{(00)}m_{020}^{(20)}m_{022}^{(20)}$$
$$-m_{000}^{(00)}m_{020}^{(20)}m_{013}^{(10)}-m_{000}^{(00)}m_{020}^{(21)}m_{211}^{(22)}+m_{000}^{(00)}m_{020}^{(21)}m_{202}^{(21)}+m_{000}^{(00)}m_{020}^{(21)}m_{112}^{(20)}$$
$$-m_{000}^{(00)}m_{020}^{(21)}m_{103}^{(10)}+m_{000}^{(00)}m_{020}^{(22)}m_{220}^{(22)}-m_{000}^{(00)}m_{020}^{(22)}m_{211}^{(21)}-m_{000}^{(00)}m_{020}^{(22)}m_{121}^{(20)}$$
$$+m_{000}^{(00)}m_{020}^{(22)}m_{112}^{(10)}-m_{000}^{(00)}m_{011}^{(10)}m_{121}^{(22)}+m_{000}^{(00)}m_{011}^{(10)}m_{103}^{(11)}+2m_{000}^{(00)}m_{011}^{(10)}m_{022}^{(20)}$$
$$-2m_{000}^{(00)}m_{011}^{(10)}m_{013}^{(10)}+m_{000}^{(00)}m_{011}^{(11)}m_{211}^{(22)}-m_{000}^{(00)}m_{011}^{(11)}m_{202}^{(21)}-m_{000}^{(00)}m_{011}^{(11)}m_{112}^{(20)}$$
$$+m_{000}^{(00)}m_{011}^{(11)}m_{103}^{(10)}+m_{000}^{(00)}m_{011}^{(20)}m_{130}^{(22)}-m_{000}^{(00)}m_{011}^{(20)}m_{112}^{(11)}-2m_{000}^{(00)}m_{011}^{(20)}m_{031}^{(20)}$$
$$+2m_{000}^{(00)}m_{011}^{(20)}m_{022}^{(10)}-m_{000}^{(00)}m_{011}^{(21)}m_{220}^{(22)}+2m_{000}^{(00)}m_{011}^{(21)}m_{211}^{(21)}-m_{000}^{(00)}m_{011}^{(21)}m_{202}^{(11)}$$
$$-m_{000}^{(00)}m_{011}^{(22)}m_{220}^{(21)}+m_{000}^{(00)}m_{011}^{(22)}m_{211}^{(11)}+m_{000}^{(00)}m_{011}^{(22)}m_{130}^{(20)}-m_{000}^{(00)}m_{011}^{(22)}m_{121}^{(10)}$$
$$+m_{000}^{(00)}m_{002}^{(10)}m_{121}^{(21)}-m_{000}^{(00)}m_{002}^{(10)}m_{112}^{(11)}-m_{000}^{(00)}m_{002}^{(10)}m_{031}^{(20)}+m_{000}^{(00)}m_{002}^{(10)}m_{022}^{(10)}$$
$$-m_{000}^{(00)}m_{002}^{(11)}m_{211}^{(21)}+m_{000}^{(00)}m_{002}^{(11)}m_{202}^{(11)}+m_{000}^{(00)}m_{002}^{(11)}m_{121}^{(20)}-m_{000}^{(00)}m_{002}^{(11)}m_{112}^{(10)}$$
$$-m_{000}^{(00)}m_{002}^{(20)}m_{130}^{(21)}+m_{000}^{(00)}m_{002}^{(20)}m_{121}^{(11)}+m_{000}^{(00)}m_{002}^{(20)}m_{040}^{(20)}-m_{000}^{(00)}m_{002}^{(20)}m_{031}^{(10)}$$
$$+m_{000}^{(00)}m_{002}^{(21)}m_{220}^{(21)}-m_{000}^{(00)}m_{002}^{(21)}m_{211}^{(11)}-m_{000}^{(00)}m_{002}^{(21)}m_{130}^{(20)}+m_{000}^{(00)}m_{002}^{(21)}m_{121}^{(10)}$$
$$-m_{000}^{(10)}m_{200}^{(10)}m_{022}^{(22)}+2m_{000}^{(10)}m_{200}^{(10)}m_{013}^{(21)}-m_{000}^{(10)}m_{200}^{(10)}m_{004}^{(11)}-m_{000}^{(10)}m_{200}^{(11)}m_{112}^{(22)}$$
$$+m_{000}^{(10)}m_{200}^{(11)}m_{103}^{(21)}+m_{000}^{(10)}m_{200}^{(11)}m_{013}^{(20)}-m_{000}^{(10)}m_{200}^{(11)}m_{004}^{(10)}+m_{000}^{(10)}m_{200}^{(20)}m_{031}^{(22)}$$
$$-2m_{000}^{(10)}m_{200}^{(20)}m_{022}^{(21)}+m_{000}^{(10)}m_{200}^{(20)}m_{013}^{(11)}+3m_{000}^{(10)}m_{200}^{(21)}m_{121}^{(22)}-4m_{000}^{(10)}m_{200}^{(21)}m_{112}^{(21)}$$
$$+m_{000}^{(10)}m_{200}^{(21)}m_{103}^{(11)}-2m_{000}^{(10)}m_{200}^{(21)}m_{022}^{(20)}+2m_{000}^{(10)}m_{200}^{(21)}m_{013}^{(10)}-2m_{000}^{(10)}m_{200}^{(22)}m_{130}^{(22)}$$
$$+3m_{000}^{(10)}m_{200}^{(22)}m_{121}^{(21)}-m_{000}^{(10)}m_{200}^{(22)}m_{112}^{(11)}+m_{000}^{(10)}m_{200}^{(22)}m_{031}^{(20)}-m_{000}^{(10)}m_{200}^{(22)}m_{022}^{(10)}$$
$$+m_{000}^{(10)}m_{110}^{(00)}m_{022}^{(22)}-2m_{000}^{(10)}m_{110}^{(00)}m_{013}^{(21)}+m_{000}^{(10)}m_{110}^{(00)}m_{004}^{(11)}+2m_{000}^{(10)}m_{110}^{(10)}m_{112}^{(22)}$$
$$-2m_{000}^{(10)}m_{110}^{(10)}m_{103}^{(21)}-2m_{000}^{(10)}m_{110}^{(10)}m_{013}^{(20)}+2m_{000}^{(10)}m_{110}^{(10)}m_{004}^{(10)}+m_{000}^{(10)}m_{110}^{(11)}m_{202}^{(22)}$$
$$-2m_{000}^{(10)}m_{110}^{(11)}m_{103}^{(20)}+m_{000}^{(10)}m_{110}^{(11)}m_{004}^{(00)}-4m_{000}^{(10)}m_{110}^{(20)}m_{121}^{(22)}+6m_{000}^{(10)}m_{110}^{(20)}m_{112}^{(21)}$$
$$-2m_{000}^{(10)}m_{110}^{(20)}m_{103}^{(11)}+2m_{000}^{(10)}m_{110}^{(20)}m_{022}^{(20)}-2m_{000}^{(10)}m_{110}^{(20)}m_{013}^{(10)}-4m_{000}^{(10)}m_{110}^{(21)}m_{211}^{(22)}$$
$$+2m_{000}^{(10)}m_{110}^{(21)}m_{202}^{(21)}+6m_{000}^{(10)}m_{110}^{(21)}m_{112}^{(20)}-2m_{000}^{(10)}m_{110}^{(21)}m_{103}^{(10)}-2m_{000}^{(10)}m_{110}^{(21)}m_{013}^{(00)}$$
$$+4m_{000}^{(10)}m_{110}^{(22)}m_{220}^{(22)}-4m_{000}^{(10)}m_{110}^{(22)}m_{211}^{(21)}+m_{000}^{(10)}m_{110}^{(22)}m_{202}^{(11)}-4m_{000}^{(10)}m_{110}^{(22)}m_{121}^{(20)}$$
$$+2m_{000}^{(10)}m_{110}^{(22)}m_{112}^{(10)}+m_{000}^{(10)}m_{110}^{(22)}m_{022}^{(00)}-m_{000}^{(10)}m_{101}^{(00)}m_{031}^{(22)}+2m_{000}^{(10)}m_{101}^{(00)}m_{022}^{(21)}$$
$$-m_{000}^{(10)}m_{101}^{(00)}m_{013}^{(11)}-2m_{000}^{(10)}m_{101}^{(10)}m_{112}^{(21)}+2m_{000}^{(10)}m_{101}^{(10)}m_{103}^{(11)}+2m_{000}^{(10)}m_{101}^{(10)}m_{022}^{(20)}$$
$$-2m_{000}^{(10)}m_{101}^{(10)}m_{013}^{(10)}+m_{000}^{(10)}m_{101}^{(11)}m_{211}^{(22)}-2m_{000}^{(10)}m_{101}^{(11)}m_{202}^{(21)}+2m_{000}^{(10)}m_{101}^{(11)}m_{103}^{(10)}$$
$$-m_{000}^{(10)}m_{101}^{(11)}m_{013}^{(00)}+2m_{000}^{(10)}m_{101}^{(20)}m_{130}^{(22)}-2m_{000}^{(10)}m_{101}^{(20)}m_{121}^{(21)}-2m_{000}^{(10)}m_{101}^{(20)}m_{031}^{(20)}$$
$$+2m_{000}^{(10)}m_{101}^{(20)}m_{022}^{(10)}-2m_{000}^{(10)}m_{101}^{(21)}m_{220}^{(22)}+6m_{000}^{(10)}m_{101}^{(21)}m_{211}^{(21)}-2m_{000}^{(10)}m_{101}^{(21)}m_{202}^{(11)}$$
$$-2m_{000}^{(10)}m_{101}^{(21)}m_{121}^{(20)}-2m_{000}^{(10)}m_{101}^{(21)}m_{112}^{(10)}+2m_{000}^{(10)}m_{101}^{(21)}m_{022}^{(00)}-2m_{000}^{(10)}m_{101}^{(22)}m_{220}^{(21)}$$
$$+m_{000}^{(10)}m_{101}^{(22)}m_{211}^{(11)}+2m_{000}^{(10)}m_{101}^{(22)}m_{130}^{(20)}-m_{000}^{(10)}m_{101}^{(22)}m_{031}^{(00)}-m_{000}^{(10)}m_{020}^{(00)}m_{112}^{(22)}$$
$$+m_{000}^{(10)}m_{020}^{(00)}m_{103}^{(21)}+m_{000}^{(10)}m_{020}^{(00)}m_{013}^{(20)}-m_{000}^{(10)}m_{020}^{(00)}m_{004}^{(10)}-m_{000}^{(10)}m_{020}^{(10)}m_{202}^{(22)}$$
$$+2m_{000}^{(10)}m_{020}^{(10)}m_{103}^{(20)}-m_{000}^{(10)}m_{020}^{(10)}m_{004}^{(00)}+3m_{000}^{(10)}m_{020}^{(20)}m_{211}^{(22)}-2m_{000}^{(10)}m_{020}^{(20)}m_{202}^{(21)}$$
$$-4m_{000}^{(10)}m_{020}^{(20)}m_{112}^{(20)}+2m_{000}^{(10)}m_{020}^{(20)}m_{103}^{(10)}+m_{000}^{(10)}m_{020}^{(20)}m_{013}^{(00)}+m_{000}^{(10)}m_{020}^{(21)}m_{301}^{(22)}$$
$$-2m_{000}^{(10)}m_{020}^{(21)}m_{202}^{(20)}+m_{000}^{(10)}m_{020}^{(21)}m_{103}^{(00)}-2m_{000}^{(10)}m_{020}^{(22)}m_{310}^{(22)}+m_{000}^{(10)}m_{020}^{(22)}m_{301}^{(21)}$$

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\begin{aligned}
&+3m_{000}^{(10)}m_{020}^{(22)}m_{211}^{(20)} - m_{000}^{(10)}m_{020}^{(22)}m_{202}^{(10)} - m_{000}^{(10)}m_{020}^{(22)}m_{112}^{(00)} + m_{000}^{(10)}m_{011}^{(00)}m_{121}^{(22)}\\
&-m_{000}^{(10)}m_{011}^{(00)}m_{103}^{(11)} - 2m_{000}^{(10)}m_{011}^{(00)}m_{022}^{(20)} + 2m_{000}^{(10)}m_{011}^{(00)}m_{013}^{(10)} + 2m_{000}^{(10)}m_{011}^{(10)}m_{202}^{(21)}\\
&-2m_{000}^{(10)}m_{011}^{(10)}m_{112}^{(20)} - 2m_{000}^{(10)}m_{011}^{(10)}m_{103}^{(10)} + 2m_{000}^{(10)}m_{011}^{(10)}m_{013}^{(00)} - m_{000}^{(10)}m_{011}^{(11)}m_{301}^{(22)}\\
&+2m_{000}^{(10)}m_{011}^{(11)}m_{202}^{(20)} - m_{000}^{(10)}m_{011}^{(11)}m_{103}^{(00)} - 2m_{000}^{(10)}m_{011}^{(20)}m_{220}^{(22)} - 2m_{000}^{(10)}m_{011}^{(20)}m_{211}^{(21)}\\
&+2m_{000}^{(10)}m_{011}^{(20)}m_{202}^{(11)} + 6m_{000}^{(10)}m_{011}^{(20)}m_{121}^{(20)} - 2m_{000}^{(10)}m_{011}^{(20)}m_{112}^{(10)} - 2m_{000}^{(10)}m_{011}^{(20)}m_{022}^{(00)}\\
&+2m_{000}^{(10)}m_{011}^{(21)}m_{310}^{(22)} - 2m_{000}^{(10)}m_{011}^{(21)}m_{301}^{(21)} - 2m_{000}^{(10)}m_{011}^{(21)}m_{211}^{(20)} + 2m_{000}^{(10)}m_{011}^{(21)}m_{202}^{(10)}\\
&+2m_{000}^{(10)}m_{011}^{(22)}m_{310}^{(21)} - m_{000}^{(10)}m_{011}^{(22)}m_{301}^{(11)} - 2m_{000}^{(10)}m_{011}^{(22)}m_{220}^{(20)} + m_{000}^{(10)}m_{011}^{(22)}m_{121}^{(00)}\\
&-m_{000}^{(10)}m_{002}^{(00)}m_{121}^{(21)} + m_{000}^{(10)}m_{002}^{(00)}m_{112}^{(11)} + m_{000}^{(10)}m_{002}^{(00)}m_{031}^{(20)} - m_{000}^{(10)}m_{002}^{(00)}m_{022}^{(10)}\\
&-m_{000}^{(10)}m_{002}^{(10)}m_{202}^{(11)} + 2m_{000}^{(10)}m_{002}^{(10)}m_{112}^{(10)} - m_{000}^{(10)}m_{002}^{(10)}m_{022}^{(00)} + m_{000}^{(10)}m_{002}^{(11)}m_{301}^{(21)}\\
&-m_{000}^{(10)}m_{002}^{(11)}m_{211}^{(20)} - m_{000}^{(10)}m_{002}^{(11)}m_{202}^{(10)} + m_{000}^{(10)}m_{002}^{(11)}m_{112}^{(00)} + 2m_{000}^{(10)}m_{002}^{(20)}m_{220}^{(21)}\\
&-m_{000}^{(10)}m_{002}^{(20)}m_{211}^{(11)} - 2m_{000}^{(10)}m_{002}^{(20)}m_{130}^{(20)} + m_{000}^{(10)}m_{002}^{(20)}m_{031}^{(00)} - 2m_{000}^{(10)}m_{002}^{(21)}m_{310}^{(21)}\\
&+m_{000}^{(10)}m_{002}^{(21)}m_{301}^{(11)} + 2m_{000}^{(10)}m_{002}^{(21)}m_{220}^{(20)} - m_{000}^{(10)}m_{002}^{(21)}m_{121}^{(00)} + m_{000}^{(11)}m_{200}^{(10)}m_{112}^{(22)}\\
&-m_{000}^{(11)}m_{200}^{(10)}m_{103}^{(21)} - m_{000}^{(11)}m_{200}^{(10)}m_{013}^{(20)} + m_{000}^{(11)}m_{200}^{(10)}m_{004}^{(10)} - m_{000}^{(11)}m_{200}^{(20)}m_{121}^{(22)}\\
&+m_{000}^{(11)}m_{200}^{(20)}m_{112}^{(21)} + m_{000}^{(11)}m_{200}^{(20)}m_{022}^{(20)} - m_{000}^{(11)}m_{200}^{(20)}m_{013}^{(10)} - m_{000}^{(11)}m_{200}^{(21)}m_{211}^{(22)}\\
&+m_{000}^{(11)}m_{200}^{(21)}m_{202}^{(21)} + m_{000}^{(11)}m_{200}^{(21)}m_{112}^{(20)} - m_{000}^{(11)}m_{200}^{(21)}m_{103}^{(10)} + m_{000}^{(11)}m_{200}^{(22)}m_{220}^{(22)}\\
&-m_{000}^{(11)}m_{200}^{(22)}m_{211}^{(21)} - m_{000}^{(11)}m_{200}^{(22)}m_{121}^{(20)} + m_{000}^{(11)}m_{200}^{(22)}m_{112}^{(10)} - m_{000}^{(11)}m_{110}^{(00)}m_{112}^{(22)}\\
&+m_{000}^{(11)}m_{110}^{(00)}m_{103}^{(21)} + m_{000}^{(11)}m_{110}^{(00)}m_{013}^{(20)} - m_{000}^{(11)}m_{110}^{(00)}m_{004}^{(10)} - m_{000}^{(11)}m_{110}^{(10)}m_{202}^{(22)}\\
&+2m_{000}^{(11)}m_{110}^{(10)}m_{103}^{(20)} - m_{000}^{(11)}m_{110}^{(10)}m_{004}^{(00)} + 3m_{000}^{(11)}m_{110}^{(20)}m_{211}^{(22)} - 2m_{000}^{(11)}m_{110}^{(20)}m_{202}^{(21)}\\
&-4m_{000}^{(11)}m_{110}^{(20)}m_{112}^{(20)} + 2m_{000}^{(11)}m_{110}^{(20)}m_{103}^{(10)} + m_{000}^{(11)}m_{110}^{(20)}m_{013}^{(00)} + m_{000}^{(11)}m_{110}^{(21)}m_{301}^{(22)}\\
&-2m_{000}^{(11)}m_{110}^{(21)}m_{202}^{(20)} + m_{000}^{(11)}m_{110}^{(21)}m_{103}^{(00)} - 2m_{000}^{(11)}m_{110}^{(22)}m_{310}^{(22)} + m_{000}^{(11)}m_{110}^{(22)}m_{301}^{(21)}\\
&+3m_{000}^{(11)}m_{110}^{(22)}m_{211}^{(20)} - m_{000}^{(11)}m_{110}^{(22)}m_{202}^{(10)} - m_{000}^{(11)}m_{110}^{(22)}m_{112}^{(00)} + m_{000}^{(11)}m_{101}^{(00)}m_{121}^{(22)}\\
&-m_{000}^{(11)}m_{101}^{(00)}m_{112}^{(21)} - m_{000}^{(11)}m_{101}^{(00)}m_{022}^{(20)} + m_{000}^{(11)}m_{101}^{(00)}m_{013}^{(10)} - m_{000}^{(11)}m_{101}^{(10)}m_{211}^{(22)}\\
&+2m_{000}^{(11)}m_{101}^{(10)}m_{202}^{(21)} - 2m_{000}^{(11)}m_{101}^{(10)}m_{103}^{(10)} + m_{000}^{(11)}m_{101}^{(10)}m_{013}^{(00)} - m_{000}^{(11)}m_{101}^{(20)}m_{220}^{(22)}\\
&+2m_{000}^{(11)}m_{101}^{(20)}m_{121}^{(20)} - m_{000}^{(11)}m_{101}^{(20)}m_{022}^{(00)} + m_{000}^{(11)}m_{101}^{(21)}m_{310}^{(22)} - 2m_{000}^{(11)}m_{101}^{(21)}m_{301}^{(21)}\\
&+2m_{000}^{(11)}m_{101}^{(21)}m_{202}^{(10)} - m_{000}^{(11)}m_{101}^{(21)}m_{112}^{(00)} + m_{000}^{(11)}m_{101}^{(22)}m_{310}^{(21)} - m_{000}^{(11)}m_{101}^{(22)}m_{220}^{(20)}\\
&-m_{000}^{(11)}m_{101}^{(22)}m_{211}^{(10)} + m_{000}^{(11)}m_{101}^{(22)}m_{121}^{(00)} + m_{000}^{(11)}m_{020}^{(00)}m_{202}^{(22)} - 2m_{000}^{(11)}m_{020}^{(00)}m_{103}^{(20)}\\
&+m_{000}^{(11)}m_{020}^{(00)}m_{004}^{(00)} - 2m_{000}^{(11)}m_{020}^{(20)}m_{301}^{(22)} + 4m_{000}^{(11)}m_{020}^{(20)}m_{202}^{(20)} - 2m_{000}^{(11)}m_{020}^{(20)}m_{103}^{(00)}\\
&+m_{000}^{(11)}m_{020}^{(22)}m_{400}^{(22)} - 2m_{000}^{(11)}m_{020}^{(22)}m_{301}^{(20)} + m_{000}^{(11)}m_{020}^{(22)}m_{202}^{(00)} - m_{000}^{(11)}m_{011}^{(00)}m_{211}^{(22)}\\
&-m_{000}^{(11)}m_{011}^{(00)}m_{202}^{(21)} + 3m_{000}^{(11)}m_{011}^{(00)}m_{112}^{(20)} + m_{000}^{(11)}m_{011}^{(00)}m_{103}^{(10)} - 2m_{000}^{(11)}m_{011}^{(00)}m_{013}^{(00)}\\
&+m_{000}^{(11)}m_{011}^{(10)}m_{301}^{(22)} - 2m_{000}^{(11)}m_{011}^{(10)}m_{202}^{(20)} + m_{000}^{(11)}m_{011}^{(10)}m_{103}^{(00)} + m_{000}^{(11)}m_{011}^{(20)}m_{310}^{(22)}\\
&+2m_{000}^{(11)}m_{011}^{(20)}m_{301}^{(21)} - 4m_{000}^{(11)}m_{011}^{(20)}m_{211}^{(20)} - 2m_{000}^{(11)}m_{011}^{(20)}m_{202}^{(10)} + 3m_{000}^{(11)}m_{011}^{(20)}m_{112}^{(00)}\\
&-m_{000}^{(11)}m_{011}^{(21)}m_{400}^{(22)} + 2m_{000}^{(11)}m_{011}^{(21)}m_{301}^{(20)} - m_{000}^{(11)}m_{011}^{(21)}m_{202}^{(00)} - m_{000}^{(11)}m_{011}^{(22)}m_{400}^{(21)}\\
&+m_{000}^{(11)}m_{011}^{(22)}m_{310}^{(20)} + m_{000}^{(11)}m_{011}^{(22)}m_{301}^{(10)} - m_{000}^{(11)}m_{011}^{(22)}m_{211}^{(00)} + m_{000}^{(11)}m_{002}^{(00)}m_{211}^{(21)}\\
&-m_{000}^{(11)}m_{002}^{(00)}m_{121}^{(20)} - m_{000}^{(11)}m_{002}^{(00)}m_{112}^{(10)} + m_{000}^{(11)}m_{002}^{(00)}m_{022}^{(00)} - m_{000}^{(11)}m_{002}^{(10)}m_{301}^{(21)}\\
&+m_{000}^{(11)}m_{002}^{(10)}m_{211}^{(20)} + m_{000}^{(11)}m_{002}^{(10)}m_{202}^{(10)} - m_{000}^{(11)}m_{002}^{(10)}m_{112}^{(00)} - m_{000}^{(11)}m_{002}^{(20)}m_{310}^{(21)}\\
&+m_{000}^{(11)}m_{002}^{(20)}m_{220}^{(20)} + m_{000}^{(11)}m_{002}^{(20)}m_{211}^{(10)} - m_{000}^{(11)}m_{002}^{(20)}m_{121}^{(00)} + m_{000}^{(11)}m_{002}^{(21)}m_{400}^{(21)}\\
&-m_{000}^{(11)}m_{002}^{(21)}m_{310}^{(20)} - m_{000}^{(11)}m_{002}^{(21)}m_{301}^{(10)} + m_{000}^{(11)}m_{002}^{(21)}m_{211}^{(00)} + m_{000}^{(20)}m_{200}^{(10)}m_{031}^{(22)}\\
&-2m_{000}^{(20)}m_{200}^{(10)}m_{022}^{(21)} + m_{000}^{(20)}m_{200}^{(10)}m_{013}^{(11)} - m_{000}^{(20)}m_{200}^{(11)}m_{121}^{(22)} + 3m_{000}^{(20)}m_{200}^{(11)}m_{112}^{(21)}
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&-2m_{000}^{(20)}m_{200}^{(11)}m_{103}^{(11)} - m_{000}^{(20)}m_{200}^{(11)}m_{022}^{(20)} + m_{000}^{(20)}m_{200}^{(11)}m_{013}^{(10)} - m_{000}^{(20)}m_{200}^{(20)}m_{040}^{(22)}\\
&+2m_{000}^{(20)}m_{200}^{(20)}m_{031}^{(21)} - m_{000}^{(20)}m_{200}^{(20)}m_{022}^{(11)} + m_{000}^{(20)}m_{200}^{(21)}m_{130}^{(22)} - 4m_{000}^{(20)}m_{200}^{(21)}m_{121}^{(21)}\\
&+3m_{000}^{(20)}m_{200}^{(21)}m_{112}^{(11)} + 2m_{000}^{(20)}m_{200}^{(21)}m_{031}^{(20)} - 2m_{000}^{(20)}m_{200}^{(21)}m_{022}^{(10)} + m_{000}^{(20)}m_{200}^{(22)}m_{130}^{(21)}\\
&-m_{000}^{(20)}m_{200}^{(22)}m_{121}^{(11)} - m_{000}^{(20)}m_{200}^{(22)}m_{040}^{(20)} + m_{000}^{(20)}m_{200}^{(22)}m_{031}^{(10)} - m_{000}^{(20)}m_{110}^{(00)}m_{031}^{(22)}\\
&+2m_{000}^{(20)}m_{110}^{(00)}m_{022}^{(21)} - m_{000}^{(20)}m_{110}^{(00)}m_{013}^{(11)} - 2m_{000}^{(20)}m_{110}^{(10)}m_{112}^{(21)} + 2m_{000}^{(20)}m_{110}^{(10)}m_{103}^{(11)}\\
&+2m_{000}^{(20)}m_{110}^{(10)}m_{022}^{(20)} - 2m_{000}^{(20)}m_{110}^{(10)}m_{013}^{(10)} + m_{000}^{(20)}m_{110}^{(11)}m_{211}^{(22)} - 2m_{000}^{(20)}m_{110}^{(11)}m_{202}^{(21)}\\
&+2m_{000}^{(20)}m_{110}^{(11)}m_{103}^{(10)} - m_{000}^{(20)}m_{110}^{(11)}m_{013}^{(00)} + 2m_{000}^{(20)}m_{110}^{(20)}m_{130}^{(22)} - 2m_{000}^{(20)}m_{110}^{(20)}m_{121}^{(21)}\\
&-2m_{000}^{(20)}m_{110}^{(20)}m_{031}^{(20)} + 2m_{000}^{(20)}m_{110}^{(20)}m_{022}^{(10)} - 2m_{000}^{(20)}m_{110}^{(21)}m_{220}^{(22)} + 6m_{000}^{(20)}m_{110}^{(21)}m_{211}^{(21)}\\
&-2m_{000}^{(20)}m_{110}^{(21)}m_{202}^{(11)} - 2m_{000}^{(20)}m_{110}^{(21)}m_{121}^{(20)} - 2m_{000}^{(20)}m_{110}^{(21)}m_{112}^{(10)} + 2m_{000}^{(20)}m_{110}^{(21)}m_{022}^{(00)}\\
&-2m_{000}^{(20)}m_{110}^{(22)}m_{220}^{(21)} + m_{000}^{(20)}m_{110}^{(22)}m_{211}^{(11)} + 2m_{000}^{(20)}m_{110}^{(22)}m_{130}^{(20)} - m_{000}^{(20)}m_{110}^{(22)}m_{031}^{(00)}\\
&+m_{000}^{(20)}m_{101}^{(00)}m_{040}^{(22)} - 2m_{000}^{(20)}m_{101}^{(00)}m_{031}^{(21)} + m_{000}^{(20)}m_{101}^{(00)}m_{022}^{(11)} - 2m_{000}^{(20)}m_{101}^{(10)}m_{130}^{(22)}\\
&+6m_{000}^{(20)}m_{101}^{(10)}m_{121}^{(21)} - 4m_{000}^{(20)}m_{101}^{(10)}m_{112}^{(11)} - 2m_{000}^{(20)}m_{101}^{(10)}m_{031}^{(20)} + 2m_{000}^{(20)}m_{101}^{(10)}m_{022}^{(10)}\\
&+m_{000}^{(20)}m_{101}^{(11)}m_{220}^{(22)} - 4m_{000}^{(20)}m_{101}^{(11)}m_{211}^{(21)} + 4m_{000}^{(20)}m_{101}^{(11)}m_{202}^{(11)} + 2m_{000}^{(20)}m_{101}^{(11)}m_{121}^{(20)}\\
&-4m_{000}^{(20)}m_{101}^{(11)}m_{112}^{(10)} + m_{000}^{(20)}m_{101}^{(11)}m_{022}^{(00)} - 2m_{000}^{(20)}m_{101}^{(20)}m_{130}^{(21)} + 2m_{000}^{(20)}m_{101}^{(20)}m_{121}^{(11)}\\
&+2m_{000}^{(20)}m_{101}^{(20)}m_{040}^{(20)} - 2m_{000}^{(20)}m_{101}^{(20)}m_{031}^{(10)} + 2m_{000}^{(20)}m_{101}^{(21)}m_{220}^{(21)} - 4m_{000}^{(20)}m_{101}^{(21)}m_{211}^{(11)}\\
&-2m_{000}^{(20)}m_{101}^{(21)}m_{130}^{(20)} + 6m_{000}^{(20)}m_{101}^{(21)}m_{121}^{(10)} - 2m_{000}^{(20)}m_{101}^{(21)}m_{031}^{(00)} + m_{000}^{(20)}m_{101}^{(22)}m_{220}^{(11)}\\
&-2m_{000}^{(20)}m_{101}^{(22)}m_{130}^{(10)} + m_{000}^{(20)}m_{101}^{(22)}m_{040}^{(00)} + m_{000}^{(20)}m_{020}^{(00)}m_{121}^{(22)} - m_{000}^{(20)}m_{020}^{(00)}m_{112}^{(21)}\\
&-m_{000}^{(20)}m_{020}^{(00)}m_{022}^{(20)} + m_{000}^{(20)}m_{020}^{(00)}m_{013}^{(10)} - m_{000}^{(20)}m_{020}^{(10)}m_{211}^{(22)} + 2m_{000}^{(20)}m_{020}^{(10)}m_{202}^{(21)}\\
&-2m_{000}^{(20)}m_{020}^{(10)}m_{103}^{(10)} + m_{000}^{(20)}m_{020}^{(10)}m_{013}^{(00)} - m_{000}^{(20)}m_{020}^{(20)}m_{220}^{(22)} + 2m_{000}^{(20)}m_{020}^{(20)}m_{121}^{(20)}\\
&-m_{000}^{(20)}m_{020}^{(20)}m_{022}^{(00)} + m_{000}^{(20)}m_{020}^{(21)}m_{310}^{(22)} - 2m_{000}^{(20)}m_{020}^{(21)}m_{301}^{(21)} + 2m_{000}^{(20)}m_{020}^{(21)}m_{202}^{(10)}\\
&-m_{000}^{(20)}m_{020}^{(21)}m_{112}^{(00)} + m_{000}^{(20)}m_{020}^{(22)}m_{310}^{(21)} - m_{000}^{(20)}m_{020}^{(22)}m_{220}^{(20)} - m_{000}^{(20)}m_{020}^{(22)}m_{211}^{(10)}\\
&+m_{000}^{(20)}m_{020}^{(22)}m_{121}^{(00)} - m_{000}^{(20)}m_{011}^{(00)}m_{130}^{(22)} + m_{000}^{(20)}m_{011}^{(00)}m_{112}^{(11)} + 2m_{000}^{(20)}m_{011}^{(00)}m_{031}^{(20)}\\
&-2m_{000}^{(20)}m_{011}^{(00)}m_{022}^{(10)} + 2m_{000}^{(20)}m_{011}^{(10)}m_{220}^{(22)} - 2m_{000}^{(20)}m_{011}^{(10)}m_{211}^{(21)} - 2m_{000}^{(20)}m_{011}^{(10)}m_{202}^{(11)}\\
&-2m_{000}^{(20)}m_{011}^{(10)}m_{121}^{(20)} + 6m_{000}^{(20)}m_{011}^{(10)}m_{112}^{(10)} - 2m_{000}^{(20)}m_{011}^{(10)}m_{022}^{(00)} - m_{000}^{(20)}m_{011}^{(11)}m_{310}^{(22)}\\
&+2m_{000}^{(20)}m_{011}^{(11)}m_{301}^{(21)} - 2m_{000}^{(20)}m_{011}^{(11)}m_{202}^{(10)} + m_{000}^{(20)}m_{011}^{(11)}m_{112}^{(00)} + 2m_{000}^{(20)}m_{011}^{(20)}m_{220}^{(21)}\\
&-2m_{000}^{(20)}m_{011}^{(20)}m_{130}^{(20)} - 2m_{000}^{(20)}m_{011}^{(20)}m_{121}^{(10)} + 2m_{000}^{(20)}m_{011}^{(20)}m_{031}^{(00)} - 2m_{000}^{(20)}m_{011}^{(21)}m_{310}^{(21)}\\
&+2m_{000}^{(20)}m_{011}^{(21)}m_{301}^{(11)} + 2m_{000}^{(20)}m_{011}^{(21)}m_{220}^{(20)} - 2m_{000}^{(20)}m_{011}^{(21)}m_{211}^{(10)} - m_{000}^{(20)}m_{011}^{(22)}m_{310}^{(11)}\\
&+2m_{000}^{(20)}m_{011}^{(22)}m_{220}^{(10)} - m_{000}^{(20)}m_{011}^{(22)}m_{130}^{(00)} + m_{000}^{(20)}m_{002}^{(00)}m_{130}^{(21)} - m_{000}^{(20)}m_{002}^{(00)}m_{121}^{(11)}\\
&-m_{000}^{(20)}m_{002}^{(00)}m_{040}^{(20)} + m_{000}^{(20)}m_{002}^{(00)}m_{031}^{(10)} - 2m_{000}^{(20)}m_{002}^{(10)}m_{220}^{(21)} + 3m_{000}^{(20)}m_{002}^{(10)}m_{211}^{(11)}\\
&+2m_{000}^{(20)}m_{002}^{(10)}m_{130}^{(20)} - 4m_{000}^{(20)}m_{002}^{(10)}m_{121}^{(10)} + m_{000}^{(20)}m_{002}^{(10)}m_{031}^{(00)} + m_{000}^{(20)}m_{002}^{(11)}m_{310}^{(21)}\\
&-2m_{000}^{(20)}m_{002}^{(11)}m_{301}^{(11)} - m_{000}^{(20)}m_{002}^{(11)}m_{220}^{(20)} + 3m_{000}^{(20)}m_{002}^{(11)}m_{211}^{(10)} - m_{000}^{(20)}m_{002}^{(11)}m_{121}^{(00)}\\
&-m_{000}^{(20)}m_{002}^{(20)}m_{220}^{(11)} + 2m_{000}^{(20)}m_{002}^{(20)}m_{130}^{(10)} - m_{000}^{(20)}m_{002}^{(20)}m_{040}^{(00)} + m_{000}^{(20)}m_{002}^{(21)}m_{310}^{(11)}\\
&-2m_{000}^{(20)}m_{002}^{(21)}m_{220}^{(10)} + m_{000}^{(20)}m_{002}^{(21)}m_{130}^{(00)} - m_{000}^{(21)}m_{200}^{(10)}m_{121}^{(22)} + m_{000}^{(21)}m_{200}^{(10)}m_{103}^{(11)}\\
&+2m_{000}^{(21)}m_{200}^{(10)}m_{022}^{(20)} - 2m_{000}^{(21)}m_{200}^{(10)}m_{013}^{(10)} + m_{000}^{(21)}m_{200}^{(11)}m_{211}^{(22)} - m_{000}^{(21)}m_{200}^{(11)}m_{202}^{(21)}\\
&-m_{000}^{(21)}m_{200}^{(11)}m_{112}^{(20)} + m_{000}^{(21)}m_{200}^{(11)}m_{103}^{(10)} + m_{000}^{(21)}m_{200}^{(20)}m_{130}^{(22)} - m_{000}^{(21)}m_{200}^{(20)}m_{112}^{(11)}\\
&-2m_{000}^{(21)}m_{200}^{(20)}m_{031}^{(20)} + 2m_{000}^{(21)}m_{200}^{(20)}m_{022}^{(10)} - m_{000}^{(21)}m_{200}^{(21)}m_{220}^{(22)} + 2m_{000}^{(21)}m_{200}^{(21)}m_{211}^{(21)}\\
&-m_{000}^{(21)}m_{200}^{(21)}m_{202}^{(11)} - m_{000}^{(21)}m_{200}^{(22)}m_{220}^{(21)} + m_{000}^{(21)}m_{200}^{(22)}m_{211}^{(11)} + m_{000}^{(21)}m_{200}^{(22)}m_{130}^{(20)}\\
&-m_{000}^{(21)}m_{200}^{(22)}m_{121}^{(10)} + m_{000}^{(21)}m_{110}^{(00)}m_{121}^{(22)} - m_{000}^{(21)}m_{110}^{(00)}m_{103}^{(11)} - 2m_{000}^{(21)}m_{110}^{(00)}m_{022}^{(20)}
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&+2m_{000}^{(21)}m_{110}^{(00)}m_{013}^{(10)} + 2m_{000}^{(21)}m_{110}^{(10)}m_{202}^{(21)} - 2m_{000}^{(21)}m_{110}^{(10)}m_{112}^{(20)} - 2m_{000}^{(21)}m_{110}^{(10)}m_{103}^{(10)}\\
&+2m_{000}^{(21)}m_{110}^{(10)}m_{013}^{(00)} - m_{000}^{(21)}m_{110}^{(11)}m_{301}^{(22)} + 2m_{000}^{(21)}m_{110}^{(11)}m_{202}^{(20)} - m_{000}^{(21)}m_{110}^{(11)}m_{103}^{(00)}\\
&-2m_{000}^{(21)}m_{110}^{(20)}m_{220}^{(22)} - 2m_{000}^{(21)}m_{110}^{(20)}m_{211}^{(21)} + 2m_{000}^{(21)}m_{110}^{(20)}m_{202}^{(11)} + 6m_{000}^{(21)}m_{110}^{(20)}m_{121}^{(20)}\\
&-2m_{000}^{(21)}m_{110}^{(20)}m_{112}^{(10)} - 2m_{000}^{(21)}m_{110}^{(20)}m_{022}^{(00)} + 2m_{000}^{(21)}m_{110}^{(21)}m_{310}^{(22)} - 2m_{000}^{(21)}m_{110}^{(21)}m_{301}^{(21)}\\
&-2m_{000}^{(21)}m_{110}^{(21)}m_{211}^{(20)} + 2m_{000}^{(21)}m_{110}^{(21)}m_{202}^{(10)} + 2m_{000}^{(21)}m_{110}^{(22)}m_{310}^{(21)} - m_{000}^{(21)}m_{110}^{(22)}m_{301}^{(11)}\\
&-2m_{000}^{(21)}m_{110}^{(22)}m_{220}^{(20)} + m_{000}^{(21)}m_{110}^{(22)}m_{121}^{(00)} - m_{000}^{(21)}m_{101}^{(00)}m_{130}^{(22)} + m_{000}^{(21)}m_{101}^{(00)}m_{112}^{(11)}\\
&+2m_{000}^{(21)}m_{101}^{(00)}m_{031}^{(20)} - 2m_{000}^{(21)}m_{101}^{(00)}m_{022}^{(10)} + 2m_{000}^{(21)}m_{101}^{(10)}m_{220}^{(22)} - 2m_{000}^{(21)}m_{101}^{(10)}m_{211}^{(21)}\\
&-2m_{000}^{(21)}m_{101}^{(10)}m_{202}^{(11)} - 2m_{000}^{(21)}m_{101}^{(10)}m_{121}^{(20)} + 6m_{000}^{(21)}m_{101}^{(10)}m_{112}^{(10)} - 2m_{000}^{(21)}m_{101}^{(10)}m_{022}^{(00)}\\
&-m_{000}^{(21)}m_{101}^{(11)}m_{310}^{(22)} + 2m_{000}^{(21)}m_{101}^{(11)}m_{301}^{(21)} - 2m_{000}^{(21)}m_{101}^{(11)}m_{202}^{(10)} + m_{000}^{(21)}m_{101}^{(11)}m_{112}^{(00)}\\
&+2m_{000}^{(21)}m_{101}^{(20)}m_{220}^{(21)} - 2m_{000}^{(21)}m_{101}^{(20)}m_{130}^{(20)} - 2m_{000}^{(21)}m_{101}^{(20)}m_{121}^{(10)} + 2m_{000}^{(21)}m_{101}^{(20)}m_{031}^{(00)}\\
&-2m_{000}^{(21)}m_{101}^{(21)}m_{310}^{(21)} + 2m_{000}^{(21)}m_{101}^{(21)}m_{301}^{(11)} + 2m_{000}^{(21)}m_{101}^{(21)}m_{220}^{(20)} - 2m_{000}^{(21)}m_{101}^{(21)}m_{211}^{(10)}\\
&-m_{000}^{(21)}m_{101}^{(22)}m_{310}^{(11)} + 2m_{000}^{(21)}m_{101}^{(22)}m_{220}^{(10)} - m_{000}^{(21)}m_{101}^{(22)}m_{130}^{(00)} - m_{000}^{(21)}m_{000}^{(00)}m_{020}^{(22)}\\
&-m_{000}^{(21)}m_{020}^{(00)}m_{202}^{(21)} + 3m_{000}^{(21)}m_{020}^{(00)}m_{112}^{(20)} + m_{000}^{(21)}m_{020}^{(00)}m_{103}^{(10)} - 2m_{000}^{(21)}m_{020}^{(00)}m_{013}^{(00)}\\
&+m_{000}^{(21)}m_{020}^{(10)}m_{301}^{(22)} - 2m_{000}^{(21)}m_{020}^{(10)}m_{202}^{(20)} + m_{000}^{(21)}m_{020}^{(10)}m_{103}^{(00)} + m_{000}^{(21)}m_{020}^{(20)}m_{310}^{(22)}\\
&+2m_{000}^{(21)}m_{020}^{(20)}m_{301}^{(21)} - 4m_{000}^{(21)}m_{020}^{(20)}m_{211}^{(20)} - 2m_{000}^{(21)}m_{020}^{(20)}m_{202}^{(10)} + 3m_{000}^{(21)}m_{020}^{(20)}m_{112}^{(00)}\\
&-m_{000}^{(21)}m_{020}^{(21)}m_{400}^{(22)} + 2m_{000}^{(21)}m_{020}^{(21)}m_{301}^{(20)} - m_{000}^{(21)}m_{020}^{(21)}m_{202}^{(00)} - m_{000}^{(21)}m_{020}^{(22)}m_{400}^{(21)}\\
&+m_{000}^{(21)}m_{020}^{(22)}m_{310}^{(20)} + m_{000}^{(21)}m_{020}^{(22)}m_{301}^{(10)} - m_{000}^{(21)}m_{020}^{(22)}m_{211}^{(00)} + m_{000}^{(21)}m_{011}^{(00)}m_{220}^{(22)}\\
&+2m_{000}^{(21)}m_{011}^{(00)}m_{211}^{(21)} + m_{000}^{(21)}m_{011}^{(00)}m_{202}^{(11)} - 4m_{000}^{(21)}m_{011}^{(00)}m_{121}^{(20)} - 4m_{000}^{(21)}m_{011}^{(00)}m_{112}^{(10)}\\
&+4m_{000}^{(21)}m_{011}^{(00)}m_{022}^{(00)} - 2m_{000}^{(21)}m_{011}^{(10)}m_{310}^{(22)} - 2m_{000}^{(21)}m_{011}^{(10)}m_{301}^{(21)} + 6m_{000}^{(21)}m_{011}^{(10)}m_{211}^{(20)}\\
&+2m_{000}^{(21)}m_{011}^{(10)}m_{202}^{(10)} - 4m_{000}^{(21)}m_{011}^{(10)}m_{112}^{(00)} + m_{000}^{(21)}m_{011}^{(11)}m_{400}^{(22)} - 2m_{000}^{(21)}m_{011}^{(11)}m_{301}^{(20)}\\
&+m_{000}^{(21)}m_{011}^{(11)}m_{202}^{(00)} - 2m_{000}^{(21)}m_{011}^{(20)}m_{310}^{(21)} - 2m_{000}^{(21)}m_{011}^{(20)}m_{301}^{(11)} + 2m_{000}^{(21)}m_{011}^{(20)}m_{220}^{(20)}\\
&+6m_{000}^{(21)}m_{011}^{(20)}m_{211}^{(10)} - 4m_{000}^{(21)}m_{011}^{(20)}m_{121}^{(00)} + 2m_{000}^{(21)}m_{011}^{(21)}m_{400}^{(21)} - 2m_{000}^{(21)}m_{011}^{(21)}m_{310}^{(20)}\\
&-2m_{000}^{(21)}m_{011}^{(21)}m_{301}^{(10)} + 2m_{000}^{(21)}m_{011}^{(21)}m_{211}^{(00)} + m_{000}^{(21)}m_{011}^{(22)}m_{400}^{(11)} - 2m_{000}^{(21)}m_{011}^{(22)}m_{310}^{(10)}\\
&+m_{000}^{(21)}m_{011}^{(22)}m_{220}^{(00)} - m_{000}^{(21)}m_{002}^{(00)}m_{220}^{(21)} - m_{000}^{(21)}m_{002}^{(00)}m_{211}^{(11)} + m_{000}^{(21)}m_{002}^{(00)}m_{130}^{(20)}\\
&+3m_{000}^{(21)}m_{002}^{(00)}m_{121}^{(10)} - 2m_{000}^{(21)}m_{002}^{(00)}m_{031}^{(00)} + 2m_{000}^{(21)}m_{002}^{(10)}m_{310}^{(21)} + m_{000}^{(21)}m_{002}^{(10)}m_{301}^{(11)}\\
&-2m_{000}^{(21)}m_{002}^{(10)}m_{220}^{(20)} - 4m_{000}^{(21)}m_{002}^{(10)}m_{211}^{(10)} + 3m_{000}^{(21)}m_{002}^{(10)}m_{121}^{(00)} - m_{000}^{(21)}m_{002}^{(11)}m_{400}^{(21)}\\
&+m_{000}^{(21)}m_{002}^{(11)}m_{310}^{(20)} + m_{000}^{(21)}m_{002}^{(11)}m_{301}^{(10)} - m_{000}^{(21)}m_{002}^{(11)}m_{211}^{(00)} + m_{000}^{(21)}m_{002}^{(20)}m_{310}^{(11)}\\
&-2m_{000}^{(21)}m_{002}^{(20)}m_{220}^{(10)} + m_{000}^{(21)}m_{002}^{(20)}m_{130}^{(00)} - m_{000}^{(21)}m_{002}^{(21)}m_{400}^{(11)} + 2m_{000}^{(21)}m_{002}^{(21)}m_{310}^{(10)}\\
&-m_{000}^{(21)}m_{002}^{(21)}m_{220}^{(00)} + m_{000}^{(22)}m_{200}^{(10)}m_{121}^{(21)} - m_{000}^{(22)}m_{200}^{(10)}m_{112}^{(11)} - m_{000}^{(22)}m_{200}^{(10)}m_{031}^{(20)}\\
&+m_{000}^{(22)}m_{200}^{(10)}m_{022}^{(10)} - m_{000}^{(22)}m_{200}^{(11)}m_{211}^{(21)} + m_{000}^{(22)}m_{200}^{(11)}m_{202}^{(11)} + m_{000}^{(22)}m_{200}^{(11)}m_{121}^{(20)}\\
&-m_{000}^{(22)}m_{200}^{(11)}m_{112}^{(10)} - m_{000}^{(22)}m_{200}^{(20)}m_{130}^{(21)} + m_{000}^{(22)}m_{200}^{(20)}m_{121}^{(11)} + m_{000}^{(22)}m_{200}^{(20)}m_{040}^{(20)}\\
&-m_{000}^{(22)}m_{200}^{(20)}m_{031}^{(10)} + m_{000}^{(22)}m_{200}^{(21)}m_{220}^{(21)} - m_{000}^{(22)}m_{200}^{(21)}m_{211}^{(11)} - m_{000}^{(22)}m_{200}^{(21)}m_{130}^{(20)}\\
&+m_{000}^{(22)}m_{200}^{(21)}m_{121}^{(10)} - m_{000}^{(22)}m_{110}^{(00)}m_{121}^{(21)} + m_{000}^{(22)}m_{110}^{(00)}m_{112}^{(11)} + m_{000}^{(22)}m_{110}^{(00)}m_{031}^{(20)}\\
&-m_{000}^{(22)}m_{110}^{(00)}m_{022}^{(10)} - m_{000}^{(22)}m_{110}^{(10)}m_{202}^{(11)} + 2m_{000}^{(22)}m_{110}^{(10)}m_{112}^{(10)} - m_{000}^{(22)}m_{110}^{(10)}m_{022}^{(00)}\\
&+m_{000}^{(22)}m_{110}^{(11)}m_{301}^{(21)} - m_{000}^{(22)}m_{110}^{(11)}m_{211}^{(20)} - m_{000}^{(22)}m_{110}^{(11)}m_{202}^{(10)} + m_{000}^{(22)}m_{110}^{(11)}m_{112}^{(00)}\\
&+2m_{000}^{(22)}m_{110}^{(20)}m_{220}^{(21)} - m_{000}^{(22)}m_{110}^{(20)}m_{211}^{(11)} - 2m_{000}^{(22)}m_{110}^{(20)}m_{130}^{(20)} + m_{000}^{(22)}m_{110}^{(20)}m_{031}^{(00)}\\
&-2m_{000}^{(22)}m_{110}^{(21)}m_{310}^{(21)} + m_{000}^{(22)}m_{110}^{(21)}m_{301}^{(11)} + 2m_{000}^{(22)}m_{110}^{(21)}m_{220}^{(20)} - m_{000}^{(22)}m_{110}^{(21)}m_{121}^{(00)}\\
&+m_{000}^{(22)}m_{101}^{(00)}m_{130}^{(21)} - m_{000}^{(22)}m_{101}^{(00)}m_{121}^{(11)} - m_{000}^{(22)}m_{101}^{(00)}m_{040}^{(20)} + m_{000}^{(22)}m_{101}^{(00)}m_{031}^{(10)}
\end{aligned}
$$

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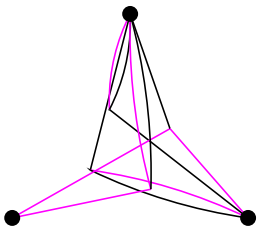
\begin{aligned}
&-2m_{000}^{(22)}m_{101}^{(10)}m_{220}^{(21)}+3m_{000}^{(22)}m_{101}^{(10)}m_{211}^{(11)}+2m_{000}^{(22)}m_{101}^{(10)}m_{130}^{(20)}-4m_{000}^{(22)}m_{101}^{(10)}m_{121}^{(10)}\\
&+m_{000}^{(22)}m_{101}^{(10)}m_{031}^{(00)}+m_{000}^{(22)}m_{101}^{(11)}m_{310}^{(21)}-2m_{000}^{(22)}m_{101}^{(11)}m_{301}^{(11)}-m_{000}^{(22)}m_{101}^{(11)}m_{220}^{(20)}\\
&+3m_{000}^{(22)}m_{101}^{(11)}m_{211}^{(10)}-m_{000}^{(22)}m_{101}^{(11)}m_{121}^{(00)}-m_{000}^{(22)}m_{101}^{(20)}m_{220}^{(11)}+2m_{000}^{(22)}m_{101}^{(20)}m_{130}^{(10)}\\
&-m_{000}^{(22)}m_{101}^{(20)}m_{040}^{(00)}+m_{000}^{(22)}m_{101}^{(21)}m_{310}^{(11)}-2m_{000}^{(22)}m_{101}^{(21)}m_{220}^{(10)}+m_{000}^{(22)}m_{101}^{(21)}m_{130}^{(00)}\\
&+m_{000}^{(22)}m_{020}^{(00)}m_{211}^{(21)}-m_{000}^{(22)}m_{020}^{(00)}m_{121}^{(20)}-m_{000}^{(22)}m_{020}^{(00)}m_{112}^{(10)}+m_{000}^{(22)}m_{020}^{(00)}m_{022}^{(00)}\\
&-m_{000}^{(22)}m_{020}^{(10)}m_{301}^{(21)}+m_{000}^{(22)}m_{020}^{(10)}m_{211}^{(20)}+m_{000}^{(22)}m_{020}^{(10)}m_{202}^{(10)}-m_{000}^{(22)}m_{020}^{(10)}m_{112}^{(00)}\\
&-m_{000}^{(22)}m_{020}^{(20)}m_{310}^{(21)}+m_{000}^{(22)}m_{020}^{(20)}m_{220}^{(20)}+m_{000}^{(22)}m_{020}^{(20)}m_{211}^{(10)}-m_{000}^{(22)}m_{020}^{(20)}m_{121}^{(00)}\\
&+m_{000}^{(22)}m_{020}^{(21)}m_{400}^{(21)}-m_{000}^{(22)}m_{020}^{(21)}m_{310}^{(20)}-m_{000}^{(22)}m_{020}^{(21)}m_{301}^{(10)}+m_{000}^{(22)}m_{020}^{(21)}m_{211}^{(00)}\\
&-m_{000}^{(22)}m_{011}^{(00)}m_{220}^{(21)}-m_{000}^{(22)}m_{011}^{(00)}m_{211}^{(11)}+m_{000}^{(22)}m_{011}^{(00)}m_{130}^{(20)}+3m_{000}^{(22)}m_{011}^{(00)}m_{121}^{(10)}\\
&-2m_{000}^{(22)}m_{011}^{(00)}m_{031}^{(00)}+2m_{000}^{(22)}m_{011}^{(10)}m_{310}^{(21)}+m_{000}^{(22)}m_{011}^{(10)}m_{301}^{(11)}-2m_{000}^{(22)}m_{011}^{(10)}m_{220}^{(20)}\\
&-4m_{000}^{(22)}m_{011}^{(10)}m_{211}^{(10)}+3m_{000}^{(22)}m_{011}^{(10)}m_{121}^{(00)}-m_{000}^{(22)}m_{011}^{(11)}m_{400}^{(21)}+m_{000}^{(22)}m_{011}^{(11)}m_{310}^{(20)}\\
&+m_{000}^{(22)}m_{011}^{(11)}m_{301}^{(10)}-m_{000}^{(22)}m_{011}^{(11)}m_{211}^{(00)}+m_{000}^{(22)}m_{011}^{(20)}m_{310}^{(11)}-2m_{000}^{(22)}m_{011}^{(20)}m_{220}^{(10)}\\
&+m_{000}^{(22)}m_{011}^{(20)}m_{130}^{(00)}-m_{000}^{(22)}m_{011}^{(21)}m_{400}^{(11)}+2m_{000}^{(22)}m_{011}^{(21)}m_{310}^{(10)}-m_{000}^{(22)}m_{011}^{(21)}m_{220}^{(00)}\\
&+m_{000}^{(22)}m_{002}^{(00)}m_{220}^{(11)}-2m_{000}^{(22)}m_{002}^{(00)}m_{130}^{(10)}+m_{000}^{(22)}m_{002}^{(00)}m_{040}^{(00)}-2m_{000}^{(22)}m_{002}^{(10)}m_{310}^{(11)}\\
&+4m_{000}^{(22)}m_{002}^{(10)}m_{220}^{(10)}-2m_{000}^{(22)}m_{002}^{(10)}m_{130}^{(00)}+m_{000}^{(22)}m_{002}^{(11)}m_{400}^{(11)}-2m_{000}^{(22)}m_{002}^{(11)}m_{310}^{(10)}\\
&+m_{000}^{(22)}m_{002}^{(11)}m_{220}^{(00)}
\end{aligned}
$$

Generating graph:

$V1$	$V1$	$V2$	2
$V2$	2	2	$V3$
2	$V3$	3	3



$$
\begin{aligned}
T_{122} \;=\;& -m_{000}^{(00)}m_{110}^{(10)}m_{022}^{(22)}+2m_{000}^{(00)}m_{110}^{(10)}m_{013}^{(21)}-m_{000}^{(00)}m_{110}^{(10)}m_{004}^{(11)}+m_{000}^{(00)}m_{110}^{(11)}m_{112}^{(22)}\\
&-m_{000}^{(00)}m_{110}^{(11)}m_{103}^{(21)}-m_{000}^{(00)}m_{110}^{(11)}m_{013}^{(20)}+m_{000}^{(00)}m_{110}^{(11)}m_{004}^{(10)}+m_{000}^{(00)}m_{110}^{(20)}m_{031}^{(22)}\\
&-2m_{000}^{(00)}m_{110}^{(20)}m_{022}^{(21)}+m_{000}^{(00)}m_{110}^{(20)}m_{013}^{(11)}-m_{000}^{(00)}m_{110}^{(21)}m_{121}^{(22)}+m_{000}^{(00)}m_{110}^{(21)}m_{103}^{(11)}\\
&+2m_{000}^{(00)}m_{110}^{(21)}m_{022}^{(20)}-2m_{000}^{(00)}m_{110}^{(21)}m_{013}^{(10)}+m_{000}^{(00)}m_{110}^{(22)}m_{121}^{(21)}-m_{000}^{(00)}m_{110}^{(22)}m_{112}^{(11)}\\
&-m_{000}^{(00)}m_{110}^{(22)}m_{031}^{(20)}+m_{000}^{(00)}m_{110}^{(22)}m_{022}^{(10)}+m_{000}^{(00)}m_{101}^{(10)}m_{031}^{(22)}-2m_{000}^{(00)}m_{101}^{(10)}m_{022}^{(21)}\\
&+m_{000}^{(00)}m_{101}^{(10)}m_{013}^{(11)}-m_{000}^{(00)}m_{101}^{(11)}m_{121}^{(22)}+m_{000}^{(00)}m_{101}^{(11)}m_{112}^{(21)}+m_{000}^{(00)}m_{101}^{(11)}m_{022}^{(20)}\\
&-m_{000}^{(00)}m_{101}^{(11)}m_{013}^{(10)}-m_{000}^{(00)}m_{101}^{(20)}m_{040}^{(22)}+2m_{000}^{(00)}m_{101}^{(20)}m_{031}^{(21)}-m_{000}^{(00)}m_{101}^{(20)}m_{022}^{(11)}
\end{aligned}
$$

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\begin{aligned}
&+m_{000}^{(00)}m_{101}^{(21)}m_{130}^{(22)} - m_{000}^{(00)}m_{101}^{(21)}m_{112}^{(11)} - 2m_{000}^{(00)}m_{101}^{(21)}m_{031}^{(20)} + 2m_{000}^{(00)}m_{101}^{(21)}m_{022}^{(10)}\\
&-m_{000}^{(00)}m_{101}^{(22)}m_{130}^{(21)} + m_{000}^{(00)}m_{101}^{(22)}m_{121}^{(11)} + m_{000}^{(00)}m_{101}^{(22)}m_{040}^{(20)} - m_{000}^{(00)}m_{101}^{(22)}m_{031}^{(10)}\\
&+m_{000}^{(00)}m_{020}^{(00)}m_{022}^{(22)} - 2m_{000}^{(00)}m_{020}^{(00)}m_{013}^{(21)} + m_{000}^{(00)}m_{020}^{(00)}m_{004}^{(11)} - m_{000}^{(00)}m_{020}^{(10)}m_{112}^{(22)}\\
&+m_{000}^{(00)}m_{020}^{(10)}m_{103}^{(21)} + m_{000}^{(00)}m_{020}^{(10)}m_{013}^{(20)} - m_{000}^{(00)}m_{020}^{(10)}m_{004}^{(10)} - m_{000}^{(00)}m_{020}^{(20)}m_{121}^{(22)}\\
&+3m_{000}^{(00)}m_{020}^{(20)}m_{112}^{(21)} - 2m_{000}^{(00)}m_{020}^{(20)}m_{103}^{(11)} - m_{000}^{(00)}m_{020}^{(20)}m_{022}^{(20)} + m_{000}^{(00)}m_{020}^{(20)}m_{013}^{(10)}\\
&+m_{000}^{(00)}m_{020}^{(21)}m_{211}^{(22)} - m_{000}^{(00)}m_{020}^{(21)}m_{202}^{(21)} - m_{000}^{(00)}m_{020}^{(21)}m_{112}^{(20)} + m_{000}^{(00)}m_{020}^{(21)}m_{103}^{(10)}\\
&-m_{000}^{(00)}m_{020}^{(22)}m_{211}^{(21)} + m_{000}^{(00)}m_{020}^{(22)}m_{202}^{(11)} + m_{000}^{(00)}m_{020}^{(22)}m_{121}^{(20)} - m_{000}^{(00)}m_{020}^{(22)}m_{112}^{(10)}\\
&-2m_{000}^{(00)}m_{011}^{(00)}m_{031}^{(22)} + 4m_{000}^{(00)}m_{011}^{(00)}m_{022}^{(21)} - 2m_{000}^{(00)}m_{011}^{(00)}m_{013}^{(11)} + 3m_{000}^{(00)}m_{011}^{(10)}m_{121}^{(22)}\\
&-4m_{000}^{(00)}m_{011}^{(10)}m_{112}^{(21)} + m_{000}^{(00)}m_{011}^{(10)}m_{103}^{(11)} - 2m_{000}^{(00)}m_{011}^{(10)}m_{022}^{(20)} + 2m_{000}^{(00)}m_{011}^{(10)}m_{013}^{(10)}\\
&-m_{000}^{(00)}m_{011}^{(11)}m_{211}^{(22)} + m_{000}^{(00)}m_{011}^{(11)}m_{202}^{(21)} + m_{000}^{(00)}m_{011}^{(11)}m_{112}^{(20)} - m_{000}^{(00)}m_{011}^{(11)}m_{103}^{(10)}\\
&+m_{000}^{(00)}m_{011}^{(20)}m_{130}^{(22)} - 4m_{000}^{(00)}m_{011}^{(20)}m_{121}^{(21)} + 3m_{000}^{(00)}m_{011}^{(20)}m_{112}^{(11)} + 2m_{000}^{(00)}m_{011}^{(20)}m_{031}^{(20)}\\
&-2m_{000}^{(00)}m_{011}^{(20)}m_{022}^{(10)} - m_{000}^{(00)}m_{011}^{(21)}m_{220}^{(22)} + 2m_{000}^{(00)}m_{011}^{(21)}m_{211}^{(21)} - m_{000}^{(00)}m_{011}^{(21)}m_{202}^{(11)}\\
&+m_{000}^{(00)}m_{011}^{(22)}m_{220}^{(21)} - m_{000}^{(00)}m_{011}^{(22)}m_{211}^{(11)} - m_{000}^{(00)}m_{011}^{(22)}m_{130}^{(20)} + m_{000}^{(00)}m_{011}^{(22)}m_{121}^{(10)}\\
&+m_{000}^{(00)}m_{002}^{(00)}m_{040}^{(22)} - 2m_{000}^{(00)}m_{002}^{(00)}m_{031}^{(21)} + m_{000}^{(00)}m_{002}^{(00)}m_{022}^{(11)} - 2m_{000}^{(00)}m_{002}^{(10)}m_{130}^{(22)}\\
&+3m_{000}^{(00)}m_{002}^{(10)}m_{121}^{(21)} - m_{000}^{(00)}m_{002}^{(10)}m_{112}^{(11)} + m_{000}^{(00)}m_{002}^{(10)}m_{031}^{(20)} - m_{000}^{(00)}m_{002}^{(10)}m_{022}^{(10)}\\
&+m_{000}^{(00)}m_{002}^{(11)}m_{220}^{(22)} - m_{000}^{(00)}m_{002}^{(11)}m_{211}^{(21)} - m_{000}^{(00)}m_{002}^{(11)}m_{121}^{(20)} + m_{000}^{(00)}m_{002}^{(11)}m_{112}^{(10)}\\
&+m_{000}^{(00)}m_{002}^{(20)}m_{130}^{(21)} - m_{000}^{(00)}m_{002}^{(20)}m_{121}^{(11)} - m_{000}^{(00)}m_{002}^{(20)}m_{040}^{(20)} + m_{000}^{(00)}m_{002}^{(20)}m_{031}^{(10)}\\
&-m_{000}^{(00)}m_{002}^{(21)}m_{220}^{(21)} + m_{000}^{(00)}m_{002}^{(21)}m_{211}^{(11)} + m_{000}^{(00)}m_{002}^{(21)}m_{130}^{(20)} - m_{000}^{(00)}m_{002}^{(21)}m_{121}^{(10)}\\
&+m_{000}^{(10)}m_{200}^{(10)}m_{022}^{(22)} - 2m_{000}^{(10)}m_{200}^{(10)}m_{013}^{(21)} + m_{000}^{(10)}m_{200}^{(10)}m_{004}^{(11)} - m_{000}^{(10)}m_{200}^{(11)}m_{112}^{(22)}\\
&+m_{000}^{(10)}m_{200}^{(11)}m_{103}^{(21)} + m_{000}^{(10)}m_{200}^{(11)}m_{013}^{(20)} - m_{000}^{(10)}m_{200}^{(11)}m_{004}^{(10)} - m_{000}^{(10)}m_{200}^{(20)}m_{031}^{(22)}\\
&+2m_{000}^{(10)}m_{200}^{(20)}m_{022}^{(21)} - m_{000}^{(10)}m_{200}^{(20)}m_{013}^{(11)} + m_{000}^{(10)}m_{200}^{(21)}m_{121}^{(22)} - m_{000}^{(10)}m_{200}^{(21)}m_{103}^{(11)}\\
&-2m_{000}^{(10)}m_{200}^{(21)}m_{022}^{(20)} + 2m_{000}^{(10)}m_{200}^{(21)}m_{013}^{(10)} - m_{000}^{(10)}m_{200}^{(22)}m_{121}^{(21)} + m_{000}^{(10)}m_{200}^{(22)}m_{112}^{(11)}\\
&+m_{000}^{(10)}m_{200}^{(22)}m_{031}^{(20)} - m_{000}^{(10)}m_{200}^{(22)}m_{022}^{(10)} - m_{000}^{(10)}m_{110}^{(00)}m_{022}^{(22)} + 2m_{000}^{(10)}m_{110}^{(00)}m_{013}^{(21)}\\
&-m_{000}^{(10)}m_{110}^{(00)}m_{004}^{(11)} + 2m_{000}^{(10)}m_{110}^{(10)}m_{112}^{(22)} - 2m_{000}^{(10)}m_{110}^{(10)}m_{103}^{(21)} - 2m_{000}^{(10)}m_{110}^{(10)}m_{013}^{(20)}\\
&+2m_{000}^{(10)}m_{110}^{(10)}m_{004}^{(10)} - m_{000}^{(10)}m_{110}^{(11)}m_{202}^{(22)} + 2m_{000}^{(10)}m_{110}^{(11)}m_{103}^{(20)} - m_{000}^{(10)}m_{110}^{(11)}m_{004}^{(00)}\\
&-2m_{000}^{(10)}m_{110}^{(20)}m_{112}^{(21)} + 2m_{000}^{(10)}m_{110}^{(20)}m_{103}^{(11)} + 2m_{000}^{(10)}m_{110}^{(20)}m_{022}^{(20)} - 2m_{000}^{(10)}m_{110}^{(20)}m_{013}^{(10)}\\
&+2m_{000}^{(10)}m_{110}^{(21)}m_{202}^{(21)} - 2m_{000}^{(10)}m_{110}^{(21)}m_{112}^{(20)} - 2m_{000}^{(10)}m_{110}^{(21)}m_{103}^{(10)} + 2m_{000}^{(10)}m_{110}^{(21)}m_{013}^{(00)}\\
&-m_{000}^{(10)}m_{110}^{(22)}m_{202}^{(11)} + 2m_{000}^{(10)}m_{110}^{(22)}m_{112}^{(10)} - m_{000}^{(10)}m_{110}^{(22)}m_{022}^{(00)} + m_{000}^{(10)}m_{101}^{(00)}m_{031}^{(22)}\\
&-2m_{000}^{(10)}m_{101}^{(00)}m_{022}^{(21)} + m_{000}^{(10)}m_{101}^{(00)}m_{013}^{(11)} - 4m_{000}^{(10)}m_{101}^{(10)}m_{121}^{(22)} + 6m_{000}^{(10)}m_{101}^{(10)}m_{112}^{(21)}\\
&-2m_{000}^{(10)}m_{101}^{(10)}m_{103}^{(11)} + 2m_{000}^{(10)}m_{101}^{(10)}m_{022}^{(20)} - 2m_{000}^{(10)}m_{101}^{(10)}m_{013}^{(10)} + 3m_{000}^{(10)}m_{101}^{(11)}m_{211}^{(22)}\\
&-2m_{000}^{(10)}m_{101}^{(11)}m_{202}^{(21)} - 4m_{000}^{(10)}m_{101}^{(11)}m_{112}^{(20)} + 2m_{000}^{(10)}m_{101}^{(11)}m_{103}^{(10)} + m_{000}^{(10)}m_{101}^{(11)}m_{013}^{(00)}\\
&+2m_{000}^{(10)}m_{101}^{(20)}m_{130}^{(22)} - 2m_{000}^{(10)}m_{101}^{(20)}m_{121}^{(21)} - 2m_{000}^{(10)}m_{101}^{(20)}m_{031}^{(20)} + 2m_{000}^{(10)}m_{101}^{(20)}m_{022}^{(10)}\\
&-2m_{000}^{(10)}m_{101}^{(21)}m_{220}^{(22)} - 2m_{000}^{(10)}m_{101}^{(21)}m_{211}^{(21)} + 2m_{000}^{(10)}m_{101}^{(21)}m_{202}^{(11)} + 6m_{000}^{(10)}m_{101}^{(21)}m_{121}^{(20)}\\
&-2m_{000}^{(10)}m_{101}^{(21)}m_{112}^{(10)} - 2m_{000}^{(10)}m_{101}^{(21)}m_{022}^{(00)} + 2m_{000}^{(10)}m_{101}^{(22)}m_{220}^{(21)} - m_{000}^{(10)}m_{101}^{(22)}m_{211}^{(11)}\\
&-2m_{000}^{(10)}m_{101}^{(22)}m_{130}^{(20)} + m_{000}^{(10)}m_{101}^{(22)}m_{031}^{(00)} - m_{000}^{(10)}m_{020}^{(00)}m_{112}^{(22)} + m_{000}^{(10)}m_{020}^{(00)}m_{103}^{(21)}\\
&+m_{000}^{(10)}m_{020}^{(00)}m_{013}^{(20)} - m_{000}^{(10)}m_{020}^{(00)}m_{004}^{(10)} + m_{000}^{(10)}m_{020}^{(10)}m_{202}^{(22)} - 2m_{000}^{(10)}m_{020}^{(10)}m_{103}^{(20)}\\
&+m_{000}^{(10)}m_{020}^{(10)}m_{004}^{(00)} + m_{000}^{(10)}m_{020}^{(20)}m_{211}^{(22)} - 2m_{000}^{(10)}m_{020}^{(20)}m_{202}^{(21)} + 2m_{000}^{(10)}m_{020}^{(20)}m_{103}^{(10)}\\
&-m_{000}^{(10)}m_{020}^{(20)}m_{013}^{(00)} - m_{000}^{(10)}m_{020}^{(21)}m_{301}^{(22)} + 2m_{000}^{(10)}m_{020}^{(21)}m_{202}^{(20)} - m_{000}^{(10)}m_{020}^{(21)}m_{103}^{(00)}
\end{aligned}
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\begin{aligned}
&+m_{000}^{(10)}m_{020}^{(22)}m_{301}^{(21)} - m_{000}^{(10)}m_{020}^{(22)}m_{211}^{(20)} - m_{000}^{(10)}m_{020}^{(22)}m_{202}^{(10)} + m_{000}^{(10)}m_{020}^{(22)}m_{112}^{(00)}\\
&+3m_{000}^{(10)}m_{011}^{(00)}m_{121}^{(22)} - 4m_{000}^{(10)}m_{011}^{(00)}m_{112}^{(21)} + m_{000}^{(10)}m_{011}^{(00)}m_{103}^{(11)} - 2m_{000}^{(10)}m_{011}^{(00)}m_{022}^{(20)}\\
&+2m_{000}^{(10)}m_{011}^{(00)}m_{013}^{(10)} - 4m_{000}^{(10)}m_{011}^{(10)}m_{211}^{(22)} + 2m_{000}^{(10)}m_{011}^{(10)}m_{202}^{(21)} + 6m_{000}^{(10)}m_{011}^{(10)}m_{112}^{(20)}\\
&-2m_{000}^{(10)}m_{011}^{(10)}m_{103}^{(10)} - 2m_{000}^{(10)}m_{011}^{(10)}m_{013}^{(00)} + m_{000}^{(10)}m_{011}^{(11)}m_{301}^{(22)} - 2m_{000}^{(10)}m_{011}^{(11)}m_{202}^{(20)}\\
&+m_{000}^{(10)}m_{011}^{(11)}m_{103}^{(00)} - 2m_{000}^{(10)}m_{011}^{(20)}m_{220}^{(22)} + 6m_{000}^{(10)}m_{011}^{(20)}m_{211}^{(21)} - 2m_{000}^{(10)}m_{011}^{(20)}m_{202}^{(11)}\\
&-2m_{000}^{(10)}m_{011}^{(20)}m_{121}^{(20)} - 2m_{000}^{(10)}m_{011}^{(20)}m_{112}^{(10)} + 2m_{000}^{(10)}m_{011}^{(20)}m_{022}^{(00)} + 2m_{000}^{(10)}m_{011}^{(21)}m_{310}^{(22)}\\
&-2m_{000}^{(10)}m_{011}^{(21)}m_{301}^{(21)} - 2m_{000}^{(10)}m_{011}^{(21)}m_{211}^{(20)} + 2m_{000}^{(10)}m_{011}^{(21)}m_{202}^{(10)} - 2m_{000}^{(10)}m_{011}^{(22)}m_{310}^{(21)}\\
&+m_{000}^{(10)}m_{011}^{(22)}m_{301}^{(11)} + 2m_{000}^{(10)}m_{011}^{(22)}m_{220}^{(20)} - m_{000}^{(10)}m_{011}^{(22)}m_{121}^{(00)} - 2m_{000}^{(10)}m_{002}^{(00)}m_{130}^{(22)}\\
&+3m_{000}^{(10)}m_{002}^{(00)}m_{121}^{(21)} - m_{000}^{(10)}m_{002}^{(00)}m_{112}^{(11)} + m_{000}^{(10)}m_{002}^{(00)}m_{031}^{(20)} - m_{000}^{(10)}m_{002}^{(00)}m_{022}^{(10)}\\
&+4m_{000}^{(10)}m_{002}^{(10)}m_{220}^{(22)} - 4m_{000}^{(10)}m_{002}^{(10)}m_{211}^{(21)} + m_{000}^{(10)}m_{002}^{(10)}m_{202}^{(11)} - 4m_{000}^{(10)}m_{002}^{(10)}m_{121}^{(20)}\\
&+2m_{000}^{(10)}m_{002}^{(10)}m_{112}^{(10)} + m_{000}^{(10)}m_{002}^{(10)}m_{022}^{(00)} - 2m_{000}^{(10)}m_{002}^{(11)}m_{310}^{(22)} + m_{000}^{(10)}m_{002}^{(11)}m_{301}^{(21)}\\
&+3m_{000}^{(10)}m_{002}^{(11)}m_{211}^{(20)} - m_{000}^{(10)}m_{002}^{(11)}m_{202}^{(10)} - m_{000}^{(10)}m_{002}^{(11)}m_{112}^{(00)} - 2m_{000}^{(10)}m_{002}^{(20)}m_{220}^{(21)}\\
&+m_{000}^{(10)}m_{002}^{(20)}m_{211}^{(11)} + 2m_{000}^{(10)}m_{002}^{(20)}m_{130}^{(20)} - m_{000}^{(10)}m_{002}^{(20)}m_{031}^{(00)} + 2m_{000}^{(10)}m_{002}^{(21)}m_{310}^{(21)}\\
&-m_{000}^{(10)}m_{002}^{(21)}m_{301}^{(11)} - 2m_{000}^{(10)}m_{002}^{(21)}m_{220}^{(20)} + m_{000}^{(10)}m_{002}^{(21)}m_{121}^{(00)} - m_{000}^{(11)}m_{200}^{(10)}m_{112}^{(22)}\\
&+m_{000}^{(11)}m_{200}^{(10)}m_{103}^{(21)} + m_{000}^{(11)}m_{200}^{(10)}m_{013}^{(20)} - m_{000}^{(11)}m_{200}^{(10)}m_{004}^{(10)} + m_{000}^{(11)}m_{200}^{(11)}m_{202}^{(22)}\\
&-2m_{000}^{(11)}m_{200}^{(11)}m_{103}^{(20)} + m_{000}^{(11)}m_{200}^{(11)}m_{004}^{(00)} + m_{000}^{(11)}m_{200}^{(20)}m_{121}^{(22)} - m_{000}^{(11)}m_{200}^{(20)}m_{112}^{(21)}\\
&-m_{000}^{(11)}m_{200}^{(20)}m_{022}^{(20)} + m_{000}^{(11)}m_{200}^{(20)}m_{013}^{(10)} - m_{000}^{(11)}m_{200}^{(21)}m_{211}^{(22)} - m_{000}^{(11)}m_{200}^{(21)}m_{202}^{(21)}\\
&+3m_{000}^{(11)}m_{200}^{(21)}m_{112}^{(20)} + m_{000}^{(11)}m_{200}^{(21)}m_{103}^{(10)} - 2m_{000}^{(11)}m_{200}^{(21)}m_{013}^{(00)} + m_{000}^{(11)}m_{200}^{(22)}m_{211}^{(21)}\\
&-m_{000}^{(11)}m_{200}^{(22)}m_{121}^{(20)} - m_{000}^{(11)}m_{200}^{(22)}m_{112}^{(10)} + m_{000}^{(11)}m_{200}^{(22)}m_{022}^{(00)} + m_{000}^{(11)}m_{110}^{(00)}m_{112}^{(22)}\\
&-m_{000}^{(11)}m_{110}^{(00)}m_{103}^{(21)} - m_{000}^{(11)}m_{110}^{(00)}m_{013}^{(20)} + m_{000}^{(11)}m_{110}^{(00)}m_{004}^{(10)} - m_{000}^{(11)}m_{110}^{(10)}m_{202}^{(22)}\\
&+2m_{000}^{(11)}m_{110}^{(10)}m_{103}^{(20)} - m_{000}^{(11)}m_{110}^{(10)}m_{004}^{(00)} - m_{000}^{(11)}m_{110}^{(20)}m_{211}^{(22)} + 2m_{000}^{(11)}m_{110}^{(20)}m_{202}^{(21)}\\
&-2m_{000}^{(11)}m_{110}^{(20)}m_{103}^{(10)} + m_{000}^{(11)}m_{110}^{(20)}m_{013}^{(00)} + m_{000}^{(11)}m_{110}^{(21)}m_{301}^{(22)} - 2m_{000}^{(11)}m_{110}^{(21)}m_{202}^{(20)}\\
&+m_{000}^{(11)}m_{110}^{(21)}m_{103}^{(00)} - m_{000}^{(11)}m_{110}^{(22)}m_{301}^{(21)} + m_{000}^{(11)}m_{110}^{(22)}m_{211}^{(20)} + m_{000}^{(11)}m_{110}^{(22)}m_{202}^{(10)}\\
&-m_{000}^{(11)}m_{110}^{(22)}m_{112}^{(00)} - m_{000}^{(11)}m_{101}^{(00)}m_{121}^{(22)} + m_{000}^{(11)}m_{101}^{(00)}m_{112}^{(21)} + m_{000}^{(11)}m_{101}^{(00)}m_{022}^{(20)}\\
&-m_{000}^{(11)}m_{101}^{(00)}m_{013}^{(10)} + 3m_{000}^{(11)}m_{101}^{(10)}m_{211}^{(22)} - 2m_{000}^{(11)}m_{101}^{(10)}m_{202}^{(21)} - 4m_{000}^{(11)}m_{101}^{(10)}m_{112}^{(20)}\\
&+2m_{000}^{(11)}m_{101}^{(10)}m_{103}^{(10)} + m_{000}^{(11)}m_{101}^{(10)}m_{013}^{(00)} - 2m_{000}^{(11)}m_{101}^{(11)}m_{301}^{(22)} + 4m_{000}^{(11)}m_{101}^{(11)}m_{202}^{(20)}\\
&-2m_{000}^{(11)}m_{101}^{(11)}m_{103}^{(00)} - m_{000}^{(11)}m_{101}^{(20)}m_{220}^{(22)} + 2m_{000}^{(11)}m_{101}^{(20)}m_{121}^{(20)} - m_{000}^{(11)}m_{101}^{(20)}m_{022}^{(00)}\\
&+m_{000}^{(11)}m_{101}^{(21)}m_{310}^{(22)} + 2m_{000}^{(11)}m_{101}^{(21)}m_{301}^{(21)} - 4m_{000}^{(11)}m_{101}^{(21)}m_{211}^{(20)} - 2m_{000}^{(11)}m_{101}^{(21)}m_{202}^{(10)}\\
&+3m_{000}^{(11)}m_{101}^{(21)}m_{112}^{(00)} - m_{000}^{(11)}m_{101}^{(22)}m_{301}^{(21)} + m_{000}^{(11)}m_{101}^{(22)}m_{220}^{(20)} + m_{000}^{(11)}m_{101}^{(22)}m_{211}^{(10)}\\
&-m_{000}^{(11)}m_{101}^{(22)}m_{121}^{(00)} - m_{000}^{(11)}m_{011}^{(00)}m_{211}^{(22)} + m_{000}^{(11)}m_{011}^{(00)}m_{202}^{(21)} + m_{000}^{(11)}m_{011}^{(00)}m_{112}^{(20)}\\
&-m_{000}^{(11)}m_{011}^{(00)}m_{103}^{(10)} + m_{000}^{(11)}m_{011}^{(10)}m_{301}^{(22)} - 2m_{000}^{(11)}m_{011}^{(10)}m_{202}^{(20)} + m_{000}^{(11)}m_{011}^{(10)}m_{103}^{(00)}\\
&+m_{000}^{(11)}m_{011}^{(20)}m_{310}^{(22)} - 2m_{000}^{(11)}m_{011}^{(20)}m_{301}^{(21)} + 2m_{000}^{(11)}m_{011}^{(20)}m_{202}^{(10)} - m_{000}^{(11)}m_{011}^{(20)}m_{112}^{(00)}\\
&-m_{000}^{(11)}m_{011}^{(21)}m_{400}^{(22)} + 2m_{000}^{(11)}m_{011}^{(21)}m_{301}^{(20)} - m_{000}^{(11)}m_{011}^{(21)}m_{202}^{(00)} + m_{000}^{(11)}m_{011}^{(22)}m_{400}^{(21)}\\
&-m_{000}^{(11)}m_{011}^{(22)}m_{310}^{(20)} - m_{000}^{(11)}m_{011}^{(22)}m_{301}^{(10)} + m_{000}^{(11)}m_{011}^{(22)}m_{211}^{(00)} + m_{000}^{(11)}m_{002}^{(00)}m_{220}^{(22)}\\
&-m_{000}^{(11)}m_{002}^{(00)}m_{211}^{(21)} - m_{000}^{(11)}m_{002}^{(00)}m_{121}^{(20)} + m_{000}^{(11)}m_{002}^{(00)}m_{112}^{(10)} - 2m_{000}^{(11)}m_{002}^{(10)}m_{310}^{(22)}\\
&+m_{000}^{(11)}m_{002}^{(10)}m_{301}^{(21)} + 3m_{000}^{(11)}m_{002}^{(10)}m_{211}^{(20)} - m_{000}^{(11)}m_{002}^{(10)}m_{202}^{(10)} - m_{000}^{(11)}m_{002}^{(10)}m_{112}^{(00)}\\
&+m_{000}^{(11)}m_{002}^{(11)}m_{400}^{(22)} - 2m_{000}^{(11)}m_{002}^{(11)}m_{301}^{(20)} + m_{000}^{(11)}m_{002}^{(11)}m_{202}^{(00)} + m_{000}^{(11)}m_{002}^{(20)}m_{310}^{(21)}\\
&-m_{000}^{(11)}m_{002}^{(20)}m_{220}^{(20)} - m_{000}^{(11)}m_{002}^{(20)}m_{211}^{(10)} + m_{000}^{(11)}m_{002}^{(20)}m_{121}^{(00)} - m_{000}^{(11)}m_{002}^{(21)}m_{400}^{(21)}
\end{aligned}
$$

$$+m_{000}^{(11)}m_{002}^{(21)}m_{310}^{(20)}+m_{000}^{(11)}m_{002}^{(21)}m_{301}^{(10)}-m_{000}^{(11)}m_{002}^{(21)}m_{211}^{(00)}-m_{000}^{(20)}m_{200}^{(10)}m_{031}^{(22)}$$
$$+2m_{000}^{(20)}m_{200}^{(10)}m_{022}^{(21)}-m_{000}^{(20)}m_{200}^{(10)}m_{013}^{(11)}+m_{000}^{(20)}m_{200}^{(11)}m_{121}^{(22)}-m_{000}^{(20)}m_{200}^{(11)}m_{112}^{(21)}$$
$$-m_{000}^{(20)}m_{200}^{(11)}m_{022}^{(20)}+m_{000}^{(20)}m_{200}^{(11)}m_{013}^{(10)}+m_{000}^{(20)}m_{200}^{(20)}m_{040}^{(22)}-2m_{000}^{(20)}m_{200}^{(20)}m_{031}^{(21)}$$
$$+m_{000}^{(20)}m_{200}^{(20)}m_{022}^{(11)}-m_{000}^{(20)}m_{200}^{(21)}m_{130}^{(22)}+m_{000}^{(20)}m_{200}^{(21)}m_{112}^{(11)}+2m_{000}^{(20)}m_{200}^{(21)}m_{031}^{(20)}$$
$$-2m_{000}^{(20)}m_{200}^{(21)}m_{022}^{(10)}+m_{000}^{(20)}m_{200}^{(22)}m_{130}^{(21)}-m_{000}^{(20)}m_{200}^{(22)}m_{121}^{(11)}-m_{000}^{(20)}m_{200}^{(22)}m_{040}^{(20)}$$
$$+m_{000}^{(20)}m_{200}^{(22)}m_{031}^{(10)}+m_{000}^{(20)}m_{110}^{(00)}m_{031}^{(22)}-2m_{000}^{(20)}m_{110}^{(00)}m_{022}^{(21)}+m_{000}^{(20)}m_{110}^{(00)}m_{013}^{(11)}$$
$$-2m_{000}^{(20)}m_{110}^{(10)}m_{112}^{(21)}+2m_{000}^{(20)}m_{110}^{(10)}m_{103}^{(11)}+2m_{000}^{(20)}m_{110}^{(10)}m_{022}^{(20)}-2m_{000}^{(20)}m_{110}^{(10)}m_{013}^{(10)}$$
$$-m_{000}^{(20)}m_{110}^{(11)}m_{211}^{(22)}+2m_{000}^{(20)}m_{110}^{(11)}m_{202}^{(21)}-2m_{000}^{(20)}m_{110}^{(11)}m_{103}^{(10)}+m_{000}^{(20)}m_{110}^{(11)}m_{013}^{(00)}$$
$$-2m_{000}^{(20)}m_{110}^{(20)}m_{130}^{(22)}+6m_{000}^{(20)}m_{110}^{(20)}m_{121}^{(21)}-4m_{000}^{(20)}m_{110}^{(20)}m_{112}^{(11)}-2m_{000}^{(20)}m_{110}^{(20)}m_{031}^{(20)}$$
$$+2m_{000}^{(20)}m_{110}^{(20)}m_{022}^{(10)}+2m_{000}^{(20)}m_{110}^{(21)}m_{220}^{(22)}-2m_{000}^{(20)}m_{110}^{(21)}m_{211}^{(21)}-2m_{000}^{(20)}m_{110}^{(21)}m_{202}^{(11)}$$
$$-2m_{000}^{(20)}m_{110}^{(21)}m_{121}^{(20)}+6m_{000}^{(20)}m_{110}^{(21)}m_{112}^{(10)}-2m_{000}^{(20)}m_{110}^{(21)}m_{022}^{(00)}-2m_{000}^{(20)}m_{110}^{(22)}m_{220}^{(21)}$$
$$+3m_{000}^{(20)}m_{110}^{(22)}m_{211}^{(11)}+2m_{000}^{(20)}m_{110}^{(22)}m_{130}^{(20)}-4m_{000}^{(20)}m_{110}^{(22)}m_{121}^{(10)}+m_{000}^{(20)}m_{110}^{(22)}m_{031}^{(00)}$$
$$-m_{000}^{(20)}m_{101}^{(00)}m_{040}^{(22)}+2m_{000}^{(20)}m_{101}^{(00)}m_{031}^{(21)}-m_{000}^{(20)}m_{101}^{(00)}m_{022}^{(11)}+2m_{000}^{(20)}m_{101}^{(10)}m_{130}^{(22)}$$
$$-2m_{000}^{(20)}m_{101}^{(10)}m_{121}^{(21)}-2m_{000}^{(20)}m_{101}^{(10)}m_{031}^{(20)}+2m_{000}^{(20)}m_{101}^{(10)}m_{022}^{(10)}-m_{000}^{(20)}m_{101}^{(11)}m_{220}^{(22)}$$
$$+2m_{000}^{(20)}m_{101}^{(11)}m_{121}^{(20)}-m_{000}^{(20)}m_{101}^{(11)}m_{022}^{(00)}-2m_{000}^{(20)}m_{101}^{(20)}m_{130}^{(21)}+2m_{000}^{(20)}m_{101}^{(20)}m_{121}^{(11)}$$
$$+2m_{000}^{(20)}m_{101}^{(20)}m_{040}^{(20)}-2m_{000}^{(20)}m_{101}^{(20)}m_{031}^{(10)}+2m_{000}^{(20)}m_{101}^{(21)}m_{220}^{(21)}-2m_{000}^{(20)}m_{101}^{(21)}m_{130}^{(20)}$$
$$-2m_{000}^{(20)}m_{101}^{(21)}m_{121}^{(10)}+2m_{000}^{(20)}m_{101}^{(21)}m_{031}^{(00)}-m_{000}^{(20)}m_{101}^{(22)}m_{220}^{(11)}+2m_{000}^{(20)}m_{101}^{(22)}m_{130}^{(10)}$$
$$-m_{000}^{(20)}m_{101}^{(22)}m_{040}^{(00)}-m_{000}^{(20)}m_{020}^{(00)}m_{121}^{(22)}+3m_{000}^{(20)}m_{020}^{(00)}m_{112}^{(21)}-2m_{000}^{(20)}m_{020}^{(00)}m_{103}^{(11)}$$
$$-m_{000}^{(20)}m_{020}^{(00)}m_{022}^{(20)}+m_{000}^{(20)}m_{020}^{(00)}m_{013}^{(10)}+m_{000}^{(20)}m_{020}^{(10)}m_{211}^{(22)}-2m_{000}^{(20)}m_{020}^{(10)}m_{202}^{(21)}$$
$$+2m_{000}^{(20)}m_{020}^{(10)}m_{103}^{(10)}-m_{000}^{(20)}m_{020}^{(10)}m_{013}^{(00)}+m_{000}^{(20)}m_{020}^{(20)}m_{220}^{(22)}-4m_{000}^{(20)}m_{020}^{(20)}m_{211}^{(21)}$$
$$+4m_{000}^{(20)}m_{020}^{(20)}m_{202}^{(11)}+2m_{000}^{(20)}m_{020}^{(20)}m_{121}^{(20)}-4m_{000}^{(20)}m_{020}^{(20)}m_{112}^{(10)}+m_{000}^{(20)}m_{020}^{(20)}m_{022}^{(00)}$$
$$-m_{000}^{(20)}m_{020}^{(21)}m_{310}^{(22)}+2m_{000}^{(20)}m_{020}^{(21)}m_{301}^{(21)}-2m_{000}^{(20)}m_{020}^{(21)}m_{202}^{(10)}+m_{000}^{(20)}m_{020}^{(21)}m_{112}^{(00)}$$
$$+m_{000}^{(20)}m_{020}^{(22)}m_{310}^{(21)}-2m_{000}^{(20)}m_{020}^{(22)}m_{301}^{(11)}-m_{000}^{(20)}m_{020}^{(22)}m_{220}^{(20)}+3m_{000}^{(20)}m_{020}^{(22)}m_{211}^{(10)}$$
$$-m_{000}^{(20)}m_{020}^{(22)}m_{121}^{(00)}+m_{000}^{(20)}m_{011}^{(00)}m_{130}^{(22)}-4m_{000}^{(20)}m_{011}^{(00)}m_{121}^{(21)}+3m_{000}^{(20)}m_{011}^{(00)}m_{112}^{(11)}$$
$$+2m_{000}^{(20)}m_{011}^{(00)}m_{031}^{(20)}-2m_{000}^{(20)}m_{011}^{(00)}m_{022}^{(10)}-2m_{000}^{(20)}m_{011}^{(10)}m_{220}^{(22)}+6m_{000}^{(20)}m_{011}^{(10)}m_{211}^{(21)}$$
$$-2m_{000}^{(20)}m_{011}^{(10)}m_{202}^{(11)}-2m_{000}^{(20)}m_{011}^{(10)}m_{121}^{(20)}-2m_{000}^{(20)}m_{011}^{(10)}m_{112}^{(10)}+2m_{000}^{(20)}m_{011}^{(10)}m_{022}^{(00)}$$
$$+m_{000}^{(20)}m_{011}^{(11)}m_{310}^{(22)}-2m_{000}^{(20)}m_{011}^{(11)}m_{301}^{(21)}+2m_{000}^{(20)}m_{011}^{(11)}m_{202}^{(10)}-m_{000}^{(20)}m_{011}^{(11)}m_{112}^{(00)}$$
$$+2m_{000}^{(20)}m_{011}^{(20)}m_{220}^{(21)}-4m_{000}^{(20)}m_{011}^{(20)}m_{211}^{(11)}-2m_{000}^{(20)}m_{011}^{(20)}m_{130}^{(20)}+6m_{000}^{(20)}m_{011}^{(20)}m_{121}^{(10)}$$
$$-2m_{000}^{(20)}m_{011}^{(20)}m_{031}^{(00)}-2m_{000}^{(20)}m_{011}^{(21)}m_{310}^{(21)}+2m_{000}^{(20)}m_{011}^{(21)}m_{301}^{(11)}+2m_{000}^{(20)}m_{011}^{(21)}m_{220}^{(20)}$$
$$-2m_{000}^{(20)}m_{011}^{(21)}m_{211}^{(10)}+m_{000}^{(20)}m_{011}^{(22)}m_{310}^{(11)}-2m_{000}^{(20)}m_{011}^{(22)}m_{220}^{(10)}+m_{000}^{(20)}m_{011}^{(22)}m_{130}^{(00)}$$
$$+m_{000}^{(20)}m_{002}^{(00)}m_{130}^{(21)}-m_{000}^{(20)}m_{002}^{(00)}m_{121}^{(11)}-m_{000}^{(20)}m_{002}^{(00)}m_{040}^{(20)}+m_{000}^{(20)}m_{002}^{(00)}m_{031}^{(10)}$$
$$-2m_{000}^{(20)}m_{002}^{(10)}m_{220}^{(21)}+m_{000}^{(20)}m_{002}^{(10)}m_{211}^{(11)}+2m_{000}^{(20)}m_{002}^{(10)}m_{130}^{(20)}-m_{000}^{(20)}m_{002}^{(10)}m_{031}^{(00)}$$
$$+m_{000}^{(20)}m_{002}^{(11)}m_{310}^{(21)}-m_{000}^{(20)}m_{002}^{(11)}m_{220}^{(20)}-m_{000}^{(20)}m_{002}^{(11)}m_{211}^{(10)}+m_{000}^{(20)}m_{002}^{(11)}m_{121}^{(00)}$$
$$+m_{000}^{(20)}m_{002}^{(20)}m_{220}^{(11)}-2m_{000}^{(20)}m_{002}^{(20)}m_{130}^{(10)}+m_{000}^{(20)}m_{002}^{(20)}m_{040}^{(00)}-m_{000}^{(20)}m_{002}^{(21)}m_{310}^{(11)}$$
$$+2m_{000}^{(20)}m_{002}^{(21)}m_{220}^{(10)}-m_{000}^{(20)}m_{002}^{(21)}m_{130}^{(00)}+m_{000}^{(21)}m_{200}^{(10)}m_{121}^{(22)}-m_{000}^{(21)}m_{200}^{(10)}m_{103}^{(11)}$$
$$-2m_{000}^{(21)}m_{200}^{(10)}m_{022}^{(20)}+2m_{000}^{(21)}m_{200}^{(10)}m_{013}^{(10)}-m_{000}^{(21)}m_{200}^{(11)}m_{211}^{(22)}-m_{000}^{(21)}m_{200}^{(11)}m_{202}^{(21)}$$
$$+3m_{000}^{(21)}m_{200}^{(11)}m_{112}^{(20)}+m_{000}^{(21)}m_{200}^{(11)}m_{103}^{(10)}-2m_{000}^{(21)}m_{200}^{(11)}m_{013}^{(00)}-m_{000}^{(21)}m_{200}^{(20)}m_{130}^{(22)}$$
$$+m_{000}^{(21)}m_{200}^{(20)}m_{112}^{(11)}+2m_{000}^{(21)}m_{200}^{(20)}m_{031}^{(20)}-2m_{000}^{(21)}m_{200}^{(20)}m_{022}^{(10)}+m_{000}^{(21)}m_{200}^{(21)}m_{220}^{(22)}$$

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\begin{aligned}
&+2m_{000}^{(21)}m_{200}^{(21)}m_{211}^{(21)} + m_{000}^{(21)}m_{200}^{(21)}m_{202}^{(11)} - 4m_{000}^{(21)}m_{200}^{(21)}m_{121}^{(20)} - 4m_{000}^{(21)}m_{200}^{(21)}m_{112}^{(10)}\\
&+4m_{000}^{(21)}m_{200}^{(21)}m_{022}^{(00)} - m_{000}^{(21)}m_{200}^{(22)}m_{220}^{(21)} - m_{000}^{(21)}m_{200}^{(22)}m_{211}^{(11)} + m_{000}^{(21)}m_{200}^{(22)}m_{130}^{(20)}\\
&+3m_{000}^{(21)}m_{200}^{(22)}m_{121}^{(10)} - 2m_{000}^{(21)}m_{200}^{(22)}m_{031}^{(00)} - m_{000}^{(21)}m_{110}^{(00)}m_{121}^{(22)} + m_{000}^{(21)}m_{110}^{(00)}m_{103}^{(11)}\\
&+2m_{000}^{(21)}m_{110}^{(00)}m_{022}^{(20)} - 2m_{000}^{(21)}m_{110}^{(00)}m_{013}^{(10)} + 2m_{000}^{(21)}m_{110}^{(10)}m_{202}^{(21)} - 2m_{000}^{(21)}m_{110}^{(10)}m_{112}^{(20)}\\
&-2m_{000}^{(21)}m_{110}^{(10)}m_{103}^{(10)} + 2m_{000}^{(21)}m_{110}^{(10)}m_{013}^{(00)} + m_{000}^{(21)}m_{110}^{(11)}m_{301}^{(22)} - 2m_{000}^{(21)}m_{110}^{(11)}m_{202}^{(20)}\\
&+m_{000}^{(21)}m_{110}^{(11)}m_{103}^{(00)} + 2m_{000}^{(21)}m_{110}^{(20)}m_{220}^{(22)} - 2m_{000}^{(21)}m_{110}^{(20)}m_{211}^{(21)} - 2m_{000}^{(21)}m_{110}^{(20)}m_{202}^{(11)}\\
&-2m_{000}^{(21)}m_{110}^{(20)}m_{121}^{(20)} + 6m_{000}^{(21)}m_{110}^{(20)}m_{112}^{(10)} - 2m_{000}^{(21)}m_{110}^{(20)}m_{022}^{(00)} - 2m_{000}^{(21)}m_{110}^{(21)}m_{310}^{(22)}\\
&-2m_{000}^{(21)}m_{110}^{(21)}m_{301}^{(21)} + 6m_{000}^{(21)}m_{110}^{(21)}m_{211}^{(20)} + 2m_{000}^{(21)}m_{110}^{(21)}m_{202}^{(10)} - 4m_{000}^{(21)}m_{110}^{(21)}m_{112}^{(00)}\\
&+2m_{000}^{(21)}m_{110}^{(22)}m_{310}^{(21)} + m_{000}^{(21)}m_{110}^{(22)}m_{301}^{(11)} - 2m_{000}^{(21)}m_{110}^{(22)}m_{220}^{(20)} - 4m_{000}^{(21)}m_{110}^{(22)}m_{211}^{(10)}\\
&+3m_{000}^{(21)}m_{110}^{(22)}m_{121}^{(00)} + m_{000}^{(21)}m_{101}^{(00)}m_{130}^{(22)} - m_{000}^{(21)}m_{101}^{(00)}m_{112}^{(11)} - 2m_{000}^{(21)}m_{101}^{(00)}m_{031}^{(20)}\\
&+2m_{000}^{(21)}m_{101}^{(00)}m_{022}^{(10)} - 2m_{000}^{(21)}m_{101}^{(10)}m_{220}^{(22)} - 2m_{000}^{(21)}m_{101}^{(10)}m_{211}^{(21)} + 2m_{000}^{(21)}m_{101}^{(10)}m_{202}^{(11)}\\
&+6m_{000}^{(21)}m_{101}^{(10)}m_{121}^{(20)} - 2m_{000}^{(21)}m_{101}^{(10)}m_{112}^{(10)} - 2m_{000}^{(21)}m_{101}^{(10)}m_{022}^{(00)} + m_{000}^{(21)}m_{101}^{(11)}m_{310}^{(22)}\\
&+2m_{000}^{(21)}m_{101}^{(11)}m_{301}^{(21)} - 4m_{000}^{(21)}m_{101}^{(11)}m_{211}^{(20)} - 2m_{000}^{(21)}m_{101}^{(11)}m_{202}^{(10)} + 3m_{000}^{(21)}m_{101}^{(11)}m_{112}^{(00)}\\
&+2m_{000}^{(21)}m_{101}^{(20)}m_{220}^{(21)} - 2m_{000}^{(21)}m_{101}^{(20)}m_{130}^{(20)} - 2m_{000}^{(21)}m_{101}^{(20)}m_{121}^{(10)} + 2m_{000}^{(21)}m_{101}^{(20)}m_{031}^{(00)}\\
&-2m_{000}^{(21)}m_{101}^{(21)}m_{310}^{(21)} - 2m_{000}^{(21)}m_{101}^{(21)}m_{301}^{(11)} + 2m_{000}^{(21)}m_{101}^{(21)}m_{220}^{(20)} + 6m_{000}^{(21)}m_{101}^{(21)}m_{211}^{(10)}\\
&-4m_{000}^{(21)}m_{101}^{(21)}m_{121}^{(00)} + m_{000}^{(21)}m_{101}^{(22)}m_{310}^{(11)} - 2m_{000}^{(21)}m_{101}^{(22)}m_{220}^{(10)} + m_{000}^{(21)}m_{101}^{(22)}m_{130}^{(00)}\\
&+m_{000}^{(21)}m_{020}^{(00)}m_{211}^{(22)} - m_{000}^{(21)}m_{020}^{(00)}m_{202}^{(21)} - m_{000}^{(21)}m_{020}^{(00)}m_{112}^{(20)} + m_{000}^{(21)}m_{020}^{(00)}m_{103}^{(10)}\\
&-m_{000}^{(21)}m_{020}^{(10)}m_{301}^{(22)} + 2m_{000}^{(21)}m_{020}^{(10)}m_{202}^{(20)} - m_{000}^{(21)}m_{020}^{(10)}m_{103}^{(00)} - m_{000}^{(21)}m_{020}^{(20)}m_{310}^{(22)}\\
&+2m_{000}^{(21)}m_{020}^{(20)}m_{301}^{(21)} - 2m_{000}^{(21)}m_{020}^{(20)}m_{202}^{(10)} + m_{000}^{(21)}m_{020}^{(20)}m_{112}^{(00)} + m_{000}^{(21)}m_{020}^{(21)}m_{400}^{(22)}\\
&-2m_{000}^{(21)}m_{020}^{(21)}m_{301}^{(20)} + m_{000}^{(21)}m_{020}^{(21)}m_{202}^{(00)} - m_{000}^{(21)}m_{020}^{(22)}m_{400}^{(21)} + m_{000}^{(21)}m_{020}^{(22)}m_{310}^{(20)}\\
&+m_{000}^{(21)}m_{020}^{(22)}m_{301}^{(10)} - m_{000}^{(21)}m_{020}^{(22)}m_{211}^{(00)} - m_{000}^{(21)}m_{011}^{(00)}m_{220}^{(22)} + 2m_{000}^{(21)}m_{011}^{(00)}m_{211}^{(21)}\\
&-m_{000}^{(21)}m_{011}^{(00)}m_{202}^{(11)} + 2m_{000}^{(21)}m_{011}^{(10)}m_{310}^{(22)} - 2m_{000}^{(21)}m_{011}^{(10)}m_{301}^{(21)} - 2m_{000}^{(21)}m_{011}^{(10)}m_{211}^{(20)}\\
&+2m_{000}^{(21)}m_{011}^{(10)}m_{202}^{(10)} - m_{000}^{(21)}m_{011}^{(11)}m_{400}^{(22)} + 2m_{000}^{(21)}m_{011}^{(11)}m_{301}^{(20)} - m_{000}^{(21)}m_{011}^{(11)}m_{202}^{(00)}\\
&-2m_{000}^{(21)}m_{011}^{(20)}m_{310}^{(21)} + 2m_{000}^{(21)}m_{011}^{(20)}m_{301}^{(11)} + 2m_{000}^{(21)}m_{011}^{(20)}m_{220}^{(20)} - 2m_{000}^{(21)}m_{011}^{(20)}m_{211}^{(10)}\\
&+2m_{000}^{(21)}m_{011}^{(21)}m_{400}^{(21)} - 2m_{000}^{(21)}m_{011}^{(21)}m_{310}^{(20)} - 2m_{000}^{(21)}m_{011}^{(21)}m_{301}^{(10)} + 2m_{000}^{(21)}m_{011}^{(21)}m_{211}^{(00)}\\
&-m_{000}^{(21)}m_{011}^{(22)}m_{400}^{(11)} + 2m_{000}^{(21)}m_{011}^{(22)}m_{310}^{(10)} - m_{000}^{(21)}m_{011}^{(22)}m_{220}^{(00)} - m_{000}^{(21)}m_{002}^{(00)}m_{220}^{(21)}\\
&+m_{000}^{(21)}m_{002}^{(00)}m_{211}^{(11)} + m_{000}^{(21)}m_{002}^{(00)}m_{130}^{(20)} - m_{000}^{(21)}m_{002}^{(00)}m_{121}^{(10)} + 2m_{000}^{(21)}m_{002}^{(10)}m_{310}^{(21)}\\
&-m_{000}^{(21)}m_{002}^{(10)}m_{301}^{(11)} - 2m_{000}^{(21)}m_{002}^{(10)}m_{220}^{(20)} + m_{000}^{(21)}m_{002}^{(10)}m_{121}^{(00)} - m_{000}^{(21)}m_{002}^{(11)}m_{400}^{(21)}\\
&+m_{000}^{(21)}m_{002}^{(11)}m_{310}^{(20)} + m_{000}^{(21)}m_{002}^{(11)}m_{301}^{(10)} - m_{000}^{(21)}m_{002}^{(11)}m_{211}^{(00)} - m_{000}^{(21)}m_{002}^{(20)}m_{310}^{(11)}\\
&+2m_{000}^{(21)}m_{002}^{(20)}m_{220}^{(10)} - m_{000}^{(21)}m_{002}^{(20)}m_{130}^{(00)} + m_{000}^{(21)}m_{002}^{(21)}m_{400}^{(11)} - 2m_{000}^{(21)}m_{002}^{(21)}m_{310}^{(10)}\\
&+m_{000}^{(21)}m_{002}^{(21)}m_{220}^{(00)} - m_{000}^{(22)}m_{200}^{(10)}m_{121}^{(21)} + m_{000}^{(22)}m_{200}^{(10)}m_{112}^{(11)} + m_{000}^{(22)}m_{200}^{(10)}m_{031}^{(20)}\\
&-m_{000}^{(22)}m_{200}^{(10)}m_{022}^{(10)} + m_{000}^{(22)}m_{200}^{(11)}m_{211}^{(21)} - m_{000}^{(22)}m_{200}^{(11)}m_{121}^{(20)} - m_{000}^{(22)}m_{200}^{(11)}m_{112}^{(10)}\\
&+m_{000}^{(22)}m_{200}^{(11)}m_{022}^{(00)} + m_{000}^{(22)}m_{200}^{(20)}m_{130}^{(21)} - m_{000}^{(22)}m_{200}^{(20)}m_{121}^{(11)} - m_{000}^{(22)}m_{200}^{(20)}m_{040}^{(20)}\\
&+m_{000}^{(22)}m_{200}^{(20)}m_{031}^{(10)} - m_{000}^{(22)}m_{200}^{(21)}m_{220}^{(21)} - m_{000}^{(22)}m_{200}^{(21)}m_{211}^{(11)} + m_{000}^{(22)}m_{200}^{(21)}m_{130}^{(20)}\\
&+3m_{000}^{(22)}m_{200}^{(21)}m_{121}^{(10)} - 2m_{000}^{(22)}m_{200}^{(21)}m_{031}^{(00)} + m_{000}^{(22)}m_{200}^{(22)}m_{220}^{(11)} - 2m_{000}^{(22)}m_{200}^{(22)}m_{130}^{(10)}\\
&+m_{000}^{(22)}m_{200}^{(22)}m_{040}^{(00)} + m_{000}^{(22)}m_{110}^{(00)}m_{121}^{(21)} - m_{000}^{(22)}m_{110}^{(00)}m_{112}^{(11)} - m_{000}^{(22)}m_{110}^{(00)}m_{031}^{(20)}\\
&+m_{000}^{(22)}m_{110}^{(00)}m_{022}^{(10)} - m_{000}^{(22)}m_{110}^{(10)}m_{202}^{(11)} + 2m_{000}^{(22)}m_{110}^{(10)}m_{112}^{(10)} - m_{000}^{(22)}m_{110}^{(10)}m_{022}^{(00)}\\
&-m_{000}^{(22)}m_{110}^{(11)}m_{301}^{(21)} + m_{000}^{(22)}m_{110}^{(11)}m_{211}^{(20)} + m_{000}^{(22)}m_{110}^{(11)}m_{202}^{(10)} - m_{000}^{(22)}m_{110}^{(11)}m_{112}^{(00)}
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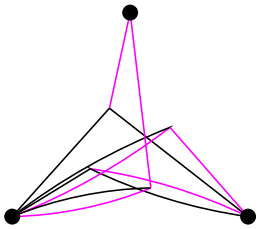
&-2m_{000}^{(22)}m_{110}^{(20)}m_{220}^{(21)}+3m_{000}^{(22)}m_{110}^{(20)}m_{211}^{(11)}+2m_{000}^{(22)}m_{110}^{(20)}m_{130}^{(20)}-4m_{000}^{(22)}m_{110}^{(20)}m_{121}^{(10)}\\
&+m_{000}^{(22)}m_{110}^{(20)}m_{031}^{(00)}+2m_{000}^{(22)}m_{110}^{(21)}m_{310}^{(21)}+m_{000}^{(22)}m_{110}^{(21)}m_{301}^{(11)}-2m_{000}^{(22)}m_{110}^{(21)}m_{220}^{(20)}\\
&-4m_{000}^{(22)}m_{110}^{(21)}m_{211}^{(10)}+3m_{000}^{(22)}m_{110}^{(21)}m_{121}^{(00)}-2m_{000}^{(22)}m_{110}^{(22)}m_{310}^{(11)}+4m_{000}^{(22)}m_{110}^{(22)}m_{220}^{(10)}\\
&-2m_{000}^{(22)}m_{110}^{(22)}m_{130}^{(00)}-m_{000}^{(22)}m_{101}^{(00)}m_{130}^{(21)}+m_{000}^{(22)}m_{101}^{(00)}m_{121}^{(11)}+m_{000}^{(22)}m_{101}^{(00)}m_{040}^{(20)}\\
&-m_{000}^{(22)}m_{101}^{(00)}m_{031}^{(10)}+2m_{000}^{(22)}m_{101}^{(10)}m_{220}^{(21)}-m_{000}^{(22)}m_{101}^{(10)}m_{211}^{(11)}-2m_{000}^{(22)}m_{101}^{(10)}m_{130}^{(20)}\\
&+m_{000}^{(22)}m_{101}^{(10)}m_{031}^{(00)}-m_{000}^{(22)}m_{101}^{(11)}m_{310}^{(21)}+m_{000}^{(22)}m_{101}^{(11)}m_{220}^{(20)}+m_{000}^{(22)}m_{101}^{(11)}m_{211}^{(10)}\\
&-m_{000}^{(22)}m_{101}^{(11)}m_{121}^{(00)}-m_{000}^{(22)}m_{101}^{(20)}m_{220}^{(11)}+2m_{000}^{(22)}m_{101}^{(20)}m_{130}^{(10)}-m_{000}^{(22)}m_{101}^{(20)}m_{040}^{(00)}\\
&+m_{000}^{(22)}m_{101}^{(21)}m_{310}^{(11)}-2m_{000}^{(22)}m_{101}^{(21)}m_{220}^{(10)}+m_{000}^{(22)}m_{101}^{(21)}m_{130}^{(00)}-m_{000}^{(22)}m_{020}^{(00)}m_{211}^{(21)}\\
&+m_{000}^{(22)}m_{020}^{(00)}m_{202}^{(11)}+m_{000}^{(22)}m_{020}^{(00)}m_{121}^{(20)}-m_{000}^{(22)}m_{020}^{(00)}m_{112}^{(10)}+m_{000}^{(22)}m_{020}^{(10)}m_{301}^{(21)}\\
&-m_{000}^{(22)}m_{020}^{(10)}m_{211}^{(20)}-m_{000}^{(22)}m_{020}^{(10)}m_{202}^{(10)}+m_{000}^{(22)}m_{020}^{(10)}m_{112}^{(00)}+m_{000}^{(22)}m_{020}^{(20)}m_{310}^{(21)}\\
&-2m_{000}^{(22)}m_{020}^{(20)}m_{301}^{(11)}-m_{000}^{(22)}m_{020}^{(20)}m_{220}^{(20)}+3m_{000}^{(22)}m_{020}^{(20)}m_{211}^{(10)}-m_{000}^{(22)}m_{020}^{(20)}m_{121}^{(00)}\\
&-m_{000}^{(22)}m_{020}^{(21)}m_{400}^{(21)}+m_{000}^{(22)}m_{020}^{(21)}m_{310}^{(20)}+m_{000}^{(22)}m_{020}^{(21)}m_{301}^{(10)}-m_{000}^{(22)}m_{020}^{(21)}m_{211}^{(00)}\\
&+m_{000}^{(22)}m_{020}^{(22)}m_{400}^{(11)}-2m_{000}^{(22)}m_{020}^{(22)}m_{310}^{(10)}+m_{000}^{(22)}m_{020}^{(22)}m_{220}^{(00)}+m_{000}^{(22)}m_{011}^{(00)}m_{220}^{(21)}\\
&-m_{000}^{(22)}m_{011}^{(00)}m_{211}^{(11)}-m_{000}^{(22)}m_{011}^{(00)}m_{130}^{(20)}+m_{000}^{(22)}m_{011}^{(00)}m_{121}^{(10)}-2m_{000}^{(22)}m_{011}^{(10)}m_{310}^{(21)}\\
&+m_{000}^{(22)}m_{011}^{(10)}m_{301}^{(11)}+2m_{000}^{(22)}m_{011}^{(10)}m_{220}^{(20)}-m_{000}^{(22)}m_{011}^{(10)}m_{121}^{(00)}+m_{000}^{(22)}m_{011}^{(11)}m_{400}^{(21)}\\
&-m_{000}^{(22)}m_{011}^{(11)}m_{310}^{(20)}-m_{000}^{(22)}m_{011}^{(11)}m_{301}^{(10)}+m_{000}^{(22)}m_{011}^{(11)}m_{211}^{(00)}+m_{000}^{(22)}m_{011}^{(20)}m_{310}^{(11)}\\
&-2m_{000}^{(22)}m_{011}^{(20)}m_{220}^{(10)}+m_{000}^{(22)}m_{011}^{(20)}m_{130}^{(00)}-m_{000}^{(22)}m_{011}^{(21)}m_{400}^{(11)}+2m_{000}^{(22)}m_{011}^{(21)}m_{310}^{(10)}\\
&-m_{000}^{(22)}m_{011}^{(21)}m_{220}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & V1 & 1 & 1 \\
1 & 1 & V2 & V3 \\
V2 & V3 & 3 & 3
\end{array}
$$



$$
\begin{aligned}
T_{123} \;=\;& m_{000}^{(00)}m_{020}^{(00)}m_{022}^{(22)}-2m_{000}^{(00)}m_{020}^{(00)}m_{013}^{(21)}+m_{000}^{(00)}m_{020}^{(00)}m_{004}^{(11)}-2m_{000}^{(00)}m_{020}^{(10)}m_{112}^{(22)}\\
&+2m_{000}^{(00)}m_{020}^{(10)}m_{103}^{(21)}+2m_{000}^{(00)}m_{020}^{(10)}m_{013}^{(20)}-2m_{000}^{(00)}m_{020}^{(10)}m_{004}^{(10)}+m_{000}^{(00)}m_{020}^{(11)}m_{202}^{(22)}\\
&-2m_{000}^{(00)}m_{020}^{(11)}m_{103}^{(20)}+m_{000}^{(00)}m_{020}^{(11)}m_{004}^{(00)}+2m_{000}^{(00)}m_{020}^{(20)}m_{112}^{(21)}-2m_{000}^{(00)}m_{020}^{(20)}m_{103}^{(11)}\\
&-2m_{000}^{(00)}m_{020}^{(20)}m_{022}^{(20)}+2m_{000}^{(00)}m_{020}^{(20)}m_{013}^{(10)}-2m_{000}^{(00)}m_{020}^{(21)}m_{202}^{(21)}+2m_{000}^{(00)}m_{020}^{(21)}m_{112}^{(20)}\\
&+2m_{000}^{(00)}m_{020}^{(21)}m_{103}^{(10)}-2m_{000}^{(00)}m_{020}^{(21)}m_{013}^{(00)}+m_{000}^{(00)}m_{020}^{(22)}m_{202}^{(11)}-2m_{000}^{(00)}m_{020}^{(22)}m_{112}^{(10)}
\end{aligned}
$$

$$+m_{000}^{(00)}m_{020}^{(22)}m_{022}^{(00)}-2m_{000}^{(00)}m_{011}^{(00)}m_{031}^{(22)}+4m_{000}^{(00)}m_{011}^{(00)}m_{022}^{(21)}-2m_{000}^{(00)}m_{011}^{(00)}m_{013}^{(11)}$$
$$+4m_{000}^{(00)}m_{011}^{(10)}m_{121}^{(22)}-4m_{000}^{(00)}m_{011}^{(10)}m_{112}^{(21)}-4m_{000}^{(00)}m_{011}^{(10)}m_{022}^{(20)}+4m_{000}^{(00)}m_{011}^{(10)}m_{013}^{(10)}$$
$$-2m_{000}^{(00)}m_{011}^{(11)}m_{211}^{(22)}+4m_{000}^{(00)}m_{011}^{(11)}m_{112}^{(20)}-2m_{000}^{(00)}m_{011}^{(11)}m_{013}^{(00)}-4m_{000}^{(00)}m_{011}^{(20)}m_{121}^{(21)}$$
$$+4m_{000}^{(00)}m_{011}^{(20)}m_{112}^{(11)}+4m_{000}^{(00)}m_{011}^{(20)}m_{031}^{(20)}-4m_{000}^{(00)}m_{011}^{(20)}m_{022}^{(10)}+4m_{000}^{(00)}m_{011}^{(21)}m_{211}^{(21)}$$
$$-4m_{000}^{(00)}m_{011}^{(21)}m_{121}^{(20)}-4m_{000}^{(00)}m_{011}^{(21)}m_{112}^{(10)}+4m_{000}^{(00)}m_{011}^{(21)}m_{022}^{(00)}-2m_{000}^{(00)}m_{011}^{(22)}m_{211}^{(11)}$$
$$+4m_{000}^{(00)}m_{011}^{(22)}m_{121}^{(10)}-2m_{000}^{(00)}m_{011}^{(22)}m_{031}^{(00)}+m_{000}^{(00)}m_{002}^{(00)}m_{040}^{(22)}-2m_{000}^{(00)}m_{002}^{(00)}m_{031}^{(21)}$$
$$+m_{000}^{(00)}m_{002}^{(00)}m_{022}^{(11)}-2m_{000}^{(00)}m_{002}^{(10)}m_{130}^{(22)}+2m_{000}^{(00)}m_{002}^{(10)}m_{121}^{(21)}+2m_{000}^{(00)}m_{002}^{(10)}m_{031}^{(20)}$$
$$-2m_{000}^{(00)}m_{002}^{(10)}m_{022}^{(10)}+m_{000}^{(00)}m_{002}^{(11)}m_{220}^{(22)}-2m_{000}^{(00)}m_{002}^{(11)}m_{121}^{(20)}+m_{000}^{(00)}m_{002}^{(11)}m_{022}^{(00)}$$
$$+2m_{000}^{(00)}m_{002}^{(20)}m_{130}^{(21)}-2m_{000}^{(00)}m_{002}^{(20)}m_{121}^{(11)}-2m_{000}^{(00)}m_{002}^{(20)}m_{040}^{(20)}+2m_{000}^{(00)}m_{002}^{(20)}m_{031}^{(10)}$$
$$-2m_{000}^{(00)}m_{002}^{(21)}m_{220}^{(21)}+2m_{000}^{(00)}m_{002}^{(21)}m_{130}^{(20)}+2m_{000}^{(00)}m_{002}^{(21)}m_{121}^{(10)}-2m_{000}^{(00)}m_{002}^{(21)}m_{031}^{(00)}$$
$$+m_{000}^{(00)}m_{002}^{(22)}m_{220}^{(11)}-2m_{000}^{(00)}m_{002}^{(22)}m_{130}^{(10)}+m_{000}^{(00)}m_{002}^{(22)}m_{040}^{(00)}-2m_{000}^{(10)}m_{110}^{(00)}m_{022}^{(22)}$$
$$+4m_{000}^{(10)}m_{110}^{(00)}m_{013}^{(21)}-2m_{000}^{(10)}m_{110}^{(00)}m_{004}^{(11)}+4m_{000}^{(10)}m_{110}^{(10)}m_{112}^{(22)}-4m_{000}^{(10)}m_{110}^{(10)}m_{103}^{(21)}$$
$$-4m_{000}^{(10)}m_{110}^{(10)}m_{013}^{(20)}+4m_{000}^{(10)}m_{110}^{(10)}m_{004}^{(10)}-2m_{000}^{(10)}m_{110}^{(11)}m_{202}^{(22)}+4m_{000}^{(10)}m_{110}^{(11)}m_{103}^{(20)}$$
$$-2m_{000}^{(10)}m_{110}^{(11)}m_{004}^{(00)}-4m_{000}^{(10)}m_{110}^{(20)}m_{112}^{(21)}+4m_{000}^{(10)}m_{110}^{(20)}m_{103}^{(11)}+4m_{000}^{(10)}m_{110}^{(20)}m_{022}^{(20)}$$
$$-4m_{000}^{(10)}m_{110}^{(20)}m_{013}^{(10)}+4m_{000}^{(10)}m_{110}^{(21)}m_{202}^{(21)}-4m_{000}^{(10)}m_{110}^{(21)}m_{112}^{(20)}-4m_{000}^{(10)}m_{110}^{(21)}m_{103}^{(10)}$$
$$+4m_{000}^{(10)}m_{110}^{(21)}m_{013}^{(00)}-2m_{000}^{(10)}m_{110}^{(22)}m_{202}^{(11)}+4m_{000}^{(10)}m_{110}^{(22)}m_{112}^{(10)}-2m_{000}^{(10)}m_{110}^{(22)}m_{022}^{(00)}$$
$$+2m_{000}^{(10)}m_{101}^{(00)}m_{031}^{(22)}-4m_{000}^{(10)}m_{101}^{(00)}m_{022}^{(21)}+2m_{000}^{(10)}m_{101}^{(00)}m_{013}^{(11)}-4m_{000}^{(10)}m_{101}^{(10)}m_{121}^{(22)}$$
$$+4m_{000}^{(10)}m_{101}^{(10)}m_{112}^{(21)}+4m_{000}^{(10)}m_{101}^{(10)}m_{022}^{(20)}-4m_{000}^{(10)}m_{101}^{(10)}m_{013}^{(10)}+2m_{000}^{(10)}m_{101}^{(11)}m_{211}^{(22)}$$
$$-4m_{000}^{(10)}m_{101}^{(11)}m_{112}^{(20)}+2m_{000}^{(10)}m_{101}^{(11)}m_{013}^{(00)}+4m_{000}^{(10)}m_{101}^{(20)}m_{121}^{(21)}-4m_{000}^{(10)}m_{101}^{(20)}m_{112}^{(11)}$$
$$-4m_{000}^{(10)}m_{101}^{(20)}m_{031}^{(20)}+4m_{000}^{(10)}m_{101}^{(20)}m_{022}^{(10)}-4m_{000}^{(10)}m_{101}^{(21)}m_{211}^{(21)}+4m_{000}^{(10)}m_{101}^{(21)}m_{121}^{(20)}$$
$$+4m_{000}^{(10)}m_{101}^{(21)}m_{112}^{(10)}-4m_{000}^{(10)}m_{101}^{(21)}m_{022}^{(00)}+2m_{000}^{(10)}m_{101}^{(22)}m_{211}^{(11)}-4m_{000}^{(10)}m_{101}^{(22)}m_{112}^{(10)}$$
$$+2m_{000}^{(10)}m_{101}^{(22)}m_{031}^{(00)}+2m_{000}^{(10)}m_{011}^{(00)}m_{121}^{(22)}-4m_{000}^{(10)}m_{011}^{(00)}m_{112}^{(21)}+2m_{000}^{(10)}m_{011}^{(00)}m_{103}^{(11)}$$
$$-4m_{000}^{(10)}m_{011}^{(10)}m_{211}^{(22)}+4m_{000}^{(10)}m_{011}^{(10)}m_{202}^{(21)}+4m_{000}^{(10)}m_{011}^{(10)}m_{112}^{(20)}-4m_{000}^{(10)}m_{011}^{(10)}m_{103}^{(10)}$$
$$+2m_{000}^{(10)}m_{011}^{(11)}m_{301}^{(22)}-4m_{000}^{(10)}m_{011}^{(11)}m_{202}^{(20)}+2m_{000}^{(10)}m_{011}^{(11)}m_{103}^{(00)}+4m_{000}^{(10)}m_{011}^{(20)}m_{211}^{(21)}$$
$$-4m_{000}^{(10)}m_{011}^{(20)}m_{202}^{(11)}-4m_{000}^{(10)}m_{011}^{(20)}m_{121}^{(20)}+4m_{000}^{(10)}m_{011}^{(20)}m_{112}^{(10)}-4m_{000}^{(10)}m_{011}^{(21)}m_{301}^{(21)}$$
$$+4m_{000}^{(10)}m_{011}^{(21)}m_{211}^{(20)}+4m_{000}^{(10)}m_{011}^{(21)}m_{202}^{(10)}-4m_{000}^{(10)}m_{011}^{(21)}m_{112}^{(00)}+2m_{000}^{(10)}m_{011}^{(22)}m_{301}^{(11)}$$
$$-4m_{000}^{(10)}m_{011}^{(22)}m_{211}^{(10)}+2m_{000}^{(10)}m_{011}^{(22)}m_{121}^{(00)}-2m_{000}^{(10)}m_{002}^{(00)}m_{130}^{(22)}+4m_{000}^{(10)}m_{002}^{(00)}m_{121}^{(21)}$$
$$-2m_{000}^{(10)}m_{002}^{(00)}m_{112}^{(11)}+4m_{000}^{(10)}m_{002}^{(10)}m_{220}^{(22)}-4m_{000}^{(10)}m_{002}^{(10)}m_{211}^{(21)}-4m_{000}^{(10)}m_{002}^{(10)}m_{121}^{(20)}$$
$$+4m_{000}^{(10)}m_{002}^{(10)}m_{112}^{(10)}-2m_{000}^{(10)}m_{002}^{(11)}m_{310}^{(22)}+4m_{000}^{(10)}m_{002}^{(11)}m_{211}^{(20)}-2m_{000}^{(10)}m_{002}^{(11)}m_{112}^{(00)}$$
$$-4m_{000}^{(10)}m_{002}^{(20)}m_{220}^{(21)}+4m_{000}^{(10)}m_{002}^{(20)}m_{211}^{(11)}+4m_{000}^{(10)}m_{002}^{(20)}m_{130}^{(20)}-4m_{000}^{(10)}m_{002}^{(20)}m_{121}^{(10)}$$
$$+4m_{000}^{(10)}m_{002}^{(21)}m_{310}^{(21)}-4m_{000}^{(10)}m_{002}^{(21)}m_{220}^{(20)}-4m_{000}^{(10)}m_{002}^{(21)}m_{211}^{(10)}+4m_{000}^{(10)}m_{002}^{(21)}m_{121}^{(00)}$$
$$-2m_{000}^{(10)}m_{002}^{(22)}m_{310}^{(11)}+4m_{000}^{(10)}m_{002}^{(22)}m_{220}^{(10)}-2m_{000}^{(10)}m_{002}^{(22)}m_{130}^{(00)}+m_{000}^{(11)}m_{200}^{(00)}m_{022}^{(22)}$$
$$-2m_{000}^{(11)}m_{200}^{(00)}m_{013}^{(21)}+m_{000}^{(11)}m_{200}^{(00)}m_{004}^{(11)}-2m_{000}^{(11)}m_{200}^{(10)}m_{112}^{(22)}+2m_{000}^{(11)}m_{200}^{(10)}m_{103}^{(21)}$$
$$+2m_{000}^{(11)}m_{200}^{(10)}m_{013}^{(20)}-2m_{000}^{(11)}m_{200}^{(10)}m_{004}^{(10)}+m_{000}^{(11)}m_{200}^{(11)}m_{202}^{(22)}-2m_{000}^{(11)}m_{200}^{(11)}m_{103}^{(20)}$$
$$+m_{000}^{(11)}m_{200}^{(11)}m_{004}^{(00)}+2m_{000}^{(11)}m_{200}^{(20)}m_{112}^{(21)}-2m_{000}^{(11)}m_{200}^{(20)}m_{103}^{(11)}-2m_{000}^{(11)}m_{200}^{(20)}m_{022}^{(20)}$$
$$+2m_{000}^{(11)}m_{200}^{(20)}m_{013}^{(10)}-2m_{000}^{(11)}m_{200}^{(21)}m_{202}^{(21)}+2m_{000}^{(11)}m_{200}^{(21)}m_{112}^{(20)}+2m_{000}^{(11)}m_{200}^{(21)}m_{103}^{(10)}$$
$$-2m_{000}^{(11)}m_{200}^{(21)}m_{013}^{(00)}+m_{000}^{(11)}m_{200}^{(22)}m_{202}^{(11)}-2m_{000}^{(11)}m_{200}^{(22)}m_{112}^{(10)}+m_{000}^{(11)}m_{200}^{(22)}m_{022}^{(00)}$$
$$-2m_{000}^{(11)}m_{101}^{(00)}m_{121}^{(22)}+4m_{000}^{(11)}m_{101}^{(00)}m_{112}^{(21)}-2m_{000}^{(11)}m_{101}^{(00)}m_{103}^{(11)}+4m_{000}^{(11)}m_{101}^{(10)}m_{211}^{(22)}$$

$$
\begin{aligned}
&-4m_{000}^{(11)}m_{101}^{(10)}m_{202}^{(21)} - 4m_{000}^{(11)}m_{101}^{(10)}m_{112}^{(20)} + 4m_{000}^{(11)}m_{101}^{(10)}m_{103}^{(10)} - 2m_{000}^{(11)}m_{101}^{(11)}m_{301}^{(22)}\\
&+4m_{000}^{(11)}m_{101}^{(11)}m_{202}^{(20)} - 2m_{000}^{(11)}m_{101}^{(11)}m_{103}^{(00)} - 4m_{000}^{(11)}m_{101}^{(20)}m_{211}^{(21)} + 4m_{000}^{(11)}m_{101}^{(20)}m_{202}^{(11)}\\
&+4m_{000}^{(11)}m_{101}^{(20)}m_{121}^{(20)} - 4m_{000}^{(11)}m_{101}^{(20)}m_{112}^{(10)} + 4m_{000}^{(11)}m_{101}^{(21)}m_{301}^{(21)} - 4m_{000}^{(11)}m_{101}^{(21)}m_{211}^{(20)}\\
&-4m_{000}^{(11)}m_{101}^{(21)}m_{202}^{(10)} + 4m_{000}^{(11)}m_{101}^{(21)}m_{112}^{(00)} - 2m_{000}^{(11)}m_{101}^{(22)}m_{301}^{(11)} + 4m_{000}^{(11)}m_{101}^{(22)}m_{211}^{(10)}\\
&-2m_{000}^{(11)}m_{101}^{(22)}m_{121}^{(00)} + m_{000}^{(11)}m_{002}^{(00)}m_{220}^{(22)} - 2m_{000}^{(11)}m_{002}^{(00)}m_{211}^{(21)} + m_{000}^{(11)}m_{002}^{(00)}m_{202}^{(11)}\\
&-2m_{000}^{(11)}m_{002}^{(10)}m_{310}^{(22)} + 2m_{000}^{(11)}m_{002}^{(10)}m_{301}^{(21)} + 2m_{000}^{(11)}m_{002}^{(10)}m_{211}^{(20)} - 2m_{000}^{(11)}m_{002}^{(10)}m_{202}^{(10)}\\
&+m_{000}^{(11)}m_{002}^{(11)}m_{400}^{(22)} - 2m_{000}^{(11)}m_{002}^{(11)}m_{301}^{(20)} + m_{000}^{(11)}m_{002}^{(11)}m_{202}^{(00)} + 2m_{000}^{(11)}m_{002}^{(20)}m_{310}^{(21)}\\
&-2m_{000}^{(11)}m_{002}^{(20)}m_{301}^{(11)} - 2m_{000}^{(11)}m_{002}^{(20)}m_{220}^{(20)} + 2m_{000}^{(11)}m_{002}^{(20)}m_{211}^{(10)} - 2m_{000}^{(11)}m_{002}^{(21)}m_{400}^{(21)}\\
&+2m_{000}^{(11)}m_{002}^{(21)}m_{310}^{(20)} + 2m_{000}^{(11)}m_{002}^{(21)}m_{301}^{(10)} - 2m_{000}^{(11)}m_{002}^{(21)}m_{211}^{(00)} + m_{000}^{(11)}m_{002}^{(22)}m_{400}^{(11)}\\
&-2m_{000}^{(11)}m_{002}^{(22)}m_{310}^{(10)} + m_{000}^{(11)}m_{002}^{(22)}m_{220}^{(00)} + 2m_{000}^{(20)}m_{110}^{(00)}m_{031}^{(22)} - 4m_{000}^{(20)}m_{110}^{(00)}m_{022}^{(21)}\\
&+2m_{000}^{(20)}m_{110}^{(00)}m_{013}^{(11)} - 4m_{000}^{(20)}m_{110}^{(10)}m_{121}^{(22)} + 4m_{000}^{(20)}m_{110}^{(10)}m_{112}^{(21)} + 4m_{000}^{(20)}m_{110}^{(10)}m_{022}^{(20)}\\
&-4m_{000}^{(20)}m_{110}^{(10)}m_{013}^{(10)} + 2m_{000}^{(20)}m_{110}^{(11)}m_{211}^{(22)} - 4m_{000}^{(20)}m_{110}^{(11)}m_{112}^{(20)} + 2m_{000}^{(20)}m_{110}^{(11)}m_{013}^{(00)}\\
&+4m_{000}^{(20)}m_{110}^{(20)}m_{121}^{(21)} - 4m_{000}^{(20)}m_{110}^{(20)}m_{112}^{(11)} - 4m_{000}^{(20)}m_{110}^{(20)}m_{031}^{(20)} + 4m_{000}^{(20)}m_{110}^{(20)}m_{022}^{(10)}\\
&-4m_{000}^{(20)}m_{110}^{(21)}m_{211}^{(21)} + 4m_{000}^{(20)}m_{110}^{(21)}m_{121}^{(20)} + 4m_{000}^{(20)}m_{110}^{(21)}m_{112}^{(10)} - 4m_{000}^{(20)}m_{110}^{(21)}m_{022}^{(00)}\\
&+2m_{000}^{(20)}m_{110}^{(22)}m_{211}^{(11)} - 4m_{000}^{(20)}m_{110}^{(22)}m_{121}^{(10)} + 2m_{000}^{(20)}m_{110}^{(22)}m_{031}^{(00)} - 2m_{000}^{(20)}m_{101}^{(00)}m_{040}^{(22)}\\
&+4m_{000}^{(20)}m_{101}^{(00)}m_{031}^{(21)} - 2m_{000}^{(20)}m_{101}^{(00)}m_{022}^{(11)} + 4m_{000}^{(20)}m_{101}^{(10)}m_{130}^{(22)} - 4m_{000}^{(20)}m_{101}^{(10)}m_{121}^{(21)}\\
&-4m_{000}^{(20)}m_{101}^{(10)}m_{031}^{(20)} + 4m_{000}^{(20)}m_{101}^{(10)}m_{022}^{(10)} - 2m_{000}^{(20)}m_{101}^{(11)}m_{220}^{(22)} + 4m_{000}^{(20)}m_{101}^{(11)}m_{121}^{(20)}\\
&-2m_{000}^{(20)}m_{101}^{(11)}m_{022}^{(00)} - 4m_{000}^{(20)}m_{101}^{(20)}m_{130}^{(21)} + 4m_{000}^{(20)}m_{101}^{(20)}m_{121}^{(11)} + 4m_{000}^{(20)}m_{101}^{(20)}m_{040}^{(20)}\\
&-4m_{000}^{(20)}m_{101}^{(20)}m_{031}^{(10)} + 4m_{000}^{(20)}m_{101}^{(21)}m_{220}^{(21)} - 4m_{000}^{(20)}m_{101}^{(21)}m_{130}^{(20)} - 4m_{000}^{(20)}m_{101}^{(21)}m_{121}^{(10)}\\
&+4m_{000}^{(20)}m_{101}^{(21)}m_{031}^{(00)} - 2m_{000}^{(20)}m_{101}^{(22)}m_{220}^{(11)} + 4m_{000}^{(20)}m_{101}^{(22)}m_{130}^{(10)} - 2m_{000}^{(20)}m_{101}^{(22)}m_{040}^{(00)}\\
&-2m_{000}^{(20)}m_{020}^{(00)}m_{121}^{(22)} + 4m_{000}^{(20)}m_{020}^{(00)}m_{112}^{(21)} - 2m_{000}^{(20)}m_{020}^{(00)}m_{103}^{(11)} + 4m_{000}^{(20)}m_{020}^{(10)}m_{211}^{(22)}\\
&-4m_{000}^{(20)}m_{020}^{(10)}m_{202}^{(21)} - 4m_{000}^{(20)}m_{020}^{(10)}m_{112}^{(20)} + 4m_{000}^{(20)}m_{020}^{(10)}m_{103}^{(10)} - 2m_{000}^{(20)}m_{020}^{(11)}m_{301}^{(22)}\\
&+4m_{000}^{(20)}m_{020}^{(11)}m_{202}^{(20)} - 2m_{000}^{(20)}m_{020}^{(11)}m_{103}^{(00)} - 4m_{000}^{(20)}m_{020}^{(20)}m_{211}^{(21)} + 4m_{000}^{(20)}m_{020}^{(20)}m_{202}^{(11)}\\
&+4m_{000}^{(20)}m_{020}^{(20)}m_{121}^{(20)} - 4m_{000}^{(20)}m_{020}^{(20)}m_{112}^{(10)} + 4m_{000}^{(20)}m_{020}^{(21)}m_{301}^{(21)} - 4m_{000}^{(20)}m_{020}^{(21)}m_{211}^{(20)}\\
&-4m_{000}^{(20)}m_{020}^{(21)}m_{202}^{(10)} + 4m_{000}^{(20)}m_{020}^{(21)}m_{112}^{(00)} - 2m_{000}^{(20)}m_{020}^{(22)}m_{301}^{(11)} + 4m_{000}^{(20)}m_{020}^{(22)}m_{211}^{(10)}\\
&-2m_{000}^{(20)}m_{020}^{(22)}m_{121}^{(00)} + 2m_{000}^{(20)}m_{011}^{(00)}m_{130}^{(22)} - 4m_{000}^{(20)}m_{011}^{(00)}m_{121}^{(21)} + 2m_{000}^{(20)}m_{011}^{(00)}m_{112}^{(11)}\\
&-4m_{000}^{(20)}m_{011}^{(10)}m_{220}^{(22)} + 4m_{000}^{(20)}m_{011}^{(10)}m_{211}^{(21)} + 4m_{000}^{(20)}m_{011}^{(10)}m_{121}^{(20)} - 4m_{000}^{(20)}m_{011}^{(10)}m_{112}^{(10)}\\
&+2m_{000}^{(20)}m_{011}^{(11)}m_{310}^{(22)} - 4m_{000}^{(20)}m_{011}^{(11)}m_{211}^{(20)} + 2m_{000}^{(20)}m_{011}^{(11)}m_{112}^{(00)} + 4m_{000}^{(20)}m_{011}^{(20)}m_{220}^{(21)}\\
&-4m_{000}^{(20)}m_{011}^{(20)}m_{211}^{(11)} - 4m_{000}^{(20)}m_{011}^{(20)}m_{130}^{(20)} + 4m_{000}^{(20)}m_{011}^{(20)}m_{121}^{(10)} - 4m_{000}^{(20)}m_{011}^{(21)}m_{310}^{(21)}\\
&+4m_{000}^{(20)}m_{011}^{(21)}m_{220}^{(20)} + 4m_{000}^{(20)}m_{011}^{(21)}m_{211}^{(10)} - 4m_{000}^{(20)}m_{011}^{(21)}m_{121}^{(00)} + 2m_{000}^{(20)}m_{011}^{(22)}m_{310}^{(11)}\\
&-4m_{000}^{(20)}m_{011}^{(22)}m_{220}^{(10)} + 2m_{000}^{(20)}m_{011}^{(22)}m_{130}^{(00)} - 2m_{000}^{(21)}m_{200}^{(00)}m_{031}^{(22)} + 4m_{000}^{(21)}m_{200}^{(00)}m_{022}^{(21)}\\
&-2m_{000}^{(21)}m_{200}^{(00)}m_{013}^{(11)} + 4m_{000}^{(21)}m_{200}^{(10)}m_{121}^{(22)} - 4m_{000}^{(21)}m_{200}^{(10)}m_{112}^{(21)} - 4m_{000}^{(21)}m_{200}^{(10)}m_{022}^{(20)}\\
&+4m_{000}^{(21)}m_{200}^{(10)}m_{013}^{(10)} - 2m_{000}^{(21)}m_{200}^{(11)}m_{211}^{(22)} + 4m_{000}^{(21)}m_{200}^{(11)}m_{112}^{(20)} - 2m_{000}^{(21)}m_{200}^{(11)}m_{013}^{(00)}\\
&-4m_{000}^{(21)}m_{200}^{(20)}m_{121}^{(21)} + 4m_{000}^{(21)}m_{200}^{(20)}m_{112}^{(11)} + 4m_{000}^{(21)}m_{200}^{(20)}m_{031}^{(20)} - 4m_{000}^{(21)}m_{200}^{(20)}m_{022}^{(10)}\\
&+4m_{000}^{(21)}m_{200}^{(21)}m_{211}^{(21)} - 4m_{000}^{(21)}m_{200}^{(21)}m_{121}^{(20)} - 4m_{000}^{(21)}m_{200}^{(21)}m_{112}^{(10)} + 4m_{000}^{(21)}m_{200}^{(21)}m_{022}^{(00)}\\
&-2m_{000}^{(21)}m_{200}^{(22)}m_{211}^{(11)} + 4m_{000}^{(21)}m_{200}^{(22)}m_{121}^{(10)} - 2m_{000}^{(21)}m_{200}^{(22)}m_{031}^{(00)} + 2m_{000}^{(21)}m_{110}^{(00)}m_{121}^{(22)}\\
&-4m_{000}^{(21)}m_{110}^{(00)}m_{112}^{(21)} + 2m_{000}^{(21)}m_{110}^{(00)}m_{103}^{(11)} - 4m_{000}^{(21)}m_{110}^{(10)}m_{211}^{(22)} + 4m_{000}^{(21)}m_{110}^{(10)}m_{202}^{(21)}\\
&+4m_{000}^{(21)}m_{110}^{(10)}m_{112}^{(20)} - 4m_{000}^{(21)}m_{110}^{(10)}m_{103}^{(10)} + 2m_{000}^{(21)}m_{110}^{(11)}m_{301}^{(22)} - 4m_{000}^{(21)}m_{110}^{(11)}m_{202}^{(20)}
\end{aligned}
$$

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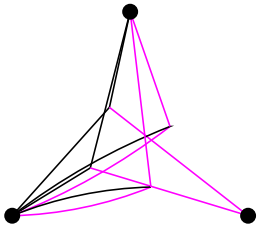
\begin{aligned}
&+2m_{000}^{(21)}m_{110}^{(11)}m_{103}^{(00)} + 4m_{000}^{(21)}m_{110}^{(20)}m_{211}^{(21)} - 4m_{000}^{(21)}m_{110}^{(20)}m_{202}^{(11)} - 4m_{000}^{(21)}m_{110}^{(20)}m_{121}^{(20)}\\
&+4m_{000}^{(21)}m_{110}^{(20)}m_{112}^{(10)} - 4m_{000}^{(21)}m_{110}^{(21)}m_{301}^{(21)} + 4m_{000}^{(21)}m_{110}^{(21)}m_{211}^{(20)} + 4m_{000}^{(21)}m_{110}^{(21)}m_{202}^{(10)}\\
&-4m_{000}^{(21)}m_{110}^{(21)}m_{112}^{(00)} + 2m_{000}^{(21)}m_{110}^{(22)}m_{301}^{(11)} - 4m_{000}^{(21)}m_{110}^{(22)}m_{211}^{(10)} + 2m_{000}^{(21)}m_{110}^{(22)}m_{121}^{(00)}\\
&+2m_{000}^{(21)}m_{101}^{(00)}m_{130}^{(22)} - 4m_{000}^{(21)}m_{101}^{(00)}m_{121}^{(21)} + 2m_{000}^{(21)}m_{101}^{(00)}m_{112}^{(11)} - 4m_{000}^{(21)}m_{101}^{(10)}m_{220}^{(22)}\\
&+4m_{000}^{(21)}m_{101}^{(10)}m_{211}^{(21)} + 4m_{000}^{(21)}m_{101}^{(10)}m_{121}^{(20)} - 4m_{000}^{(21)}m_{101}^{(10)}m_{112}^{(10)} + 2m_{000}^{(21)}m_{101}^{(11)}m_{310}^{(22)}\\
&-4m_{000}^{(21)}m_{101}^{(11)}m_{211}^{(20)} + 2m_{000}^{(21)}m_{101}^{(11)}m_{112}^{(00)} + 4m_{000}^{(21)}m_{101}^{(20)}m_{220}^{(21)} - 4m_{000}^{(21)}m_{101}^{(20)}m_{211}^{(11)}\\
&-4m_{000}^{(21)}m_{101}^{(20)}m_{130}^{(20)} + 4m_{000}^{(21)}m_{101}^{(20)}m_{121}^{(10)} - 4m_{000}^{(21)}m_{101}^{(21)}m_{310}^{(21)} + 4m_{000}^{(21)}m_{101}^{(21)}m_{220}^{(20)}\\
&+4m_{000}^{(21)}m_{101}^{(21)}m_{211}^{(10)} - 4m_{000}^{(21)}m_{101}^{(21)}m_{121}^{(00)} + 2m_{000}^{(21)}m_{101}^{(22)}m_{310}^{(11)} - 4m_{000}^{(21)}m_{101}^{(22)}m_{220}^{(10)}\\
&+2m_{000}^{(21)}m_{101}^{(22)}m_{130}^{(00)} - 2m_{000}^{(21)}m_{011}^{(00)}m_{220}^{(22)} + 4m_{000}^{(21)}m_{011}^{(00)}m_{211}^{(21)} - 2m_{000}^{(21)}m_{011}^{(00)}m_{202}^{(11)}\\
&+4m_{000}^{(21)}m_{011}^{(10)}m_{310}^{(22)} - 4m_{000}^{(21)}m_{011}^{(10)}m_{301}^{(21)} - 4m_{000}^{(21)}m_{011}^{(10)}m_{211}^{(20)} + 4m_{000}^{(21)}m_{011}^{(10)}m_{202}^{(10)}\\
&-2m_{000}^{(21)}m_{011}^{(11)}m_{400}^{(22)} + 4m_{000}^{(21)}m_{011}^{(11)}m_{301}^{(20)} - 2m_{000}^{(21)}m_{011}^{(11)}m_{202}^{(00)} - 4m_{000}^{(21)}m_{011}^{(20)}m_{310}^{(21)}\\
&+4m_{000}^{(21)}m_{011}^{(20)}m_{301}^{(11)} + 4m_{000}^{(21)}m_{011}^{(20)}m_{220}^{(20)} - 4m_{000}^{(21)}m_{011}^{(20)}m_{211}^{(10)} + 4m_{000}^{(21)}m_{011}^{(21)}m_{400}^{(21)}\\
&-4m_{000}^{(21)}m_{011}^{(21)}m_{310}^{(20)} - 4m_{000}^{(21)}m_{011}^{(21)}m_{301}^{(10)} + 4m_{000}^{(21)}m_{011}^{(21)}m_{211}^{(00)} - 2m_{000}^{(21)}m_{011}^{(22)}m_{400}^{(11)}\\
&+4m_{000}^{(21)}m_{011}^{(22)}m_{310}^{(10)} - 2m_{000}^{(21)}m_{011}^{(22)}m_{220}^{(00)} + m_{000}^{(22)}m_{200}^{(00)}m_{040}^{(22)} - 2m_{000}^{(22)}m_{200}^{(00)}m_{031}^{(21)}\\
&+m_{000}^{(22)}m_{200}^{(00)}m_{022}^{(11)} - 2m_{000}^{(22)}m_{200}^{(10)}m_{130}^{(22)} + 2m_{000}^{(22)}m_{200}^{(10)}m_{121}^{(21)} + 2m_{000}^{(22)}m_{200}^{(10)}m_{031}^{(20)}\\
&-2m_{000}^{(22)}m_{200}^{(10)}m_{022}^{(10)} + m_{000}^{(22)}m_{200}^{(11)}m_{220}^{(22)} - 2m_{000}^{(22)}m_{200}^{(11)}m_{121}^{(20)} + m_{000}^{(22)}m_{200}^{(11)}m_{022}^{(00)}\\
&+2m_{000}^{(22)}m_{200}^{(20)}m_{130}^{(21)} - 2m_{000}^{(22)}m_{200}^{(20)}m_{121}^{(11)} - 2m_{000}^{(22)}m_{200}^{(20)}m_{040}^{(20)} + 2m_{000}^{(22)}m_{200}^{(20)}m_{031}^{(10)}\\
&-2m_{000}^{(22)}m_{200}^{(21)}m_{220}^{(21)} + 2m_{000}^{(22)}m_{200}^{(21)}m_{130}^{(20)} + 2m_{000}^{(22)}m_{200}^{(21)}m_{121}^{(10)} - 2m_{000}^{(22)}m_{200}^{(21)}m_{031}^{(00)}\\
&+m_{000}^{(22)}m_{200}^{(22)}m_{220}^{(11)} - 2m_{000}^{(22)}m_{200}^{(22)}m_{130}^{(10)} + m_{000}^{(22)}m_{200}^{(22)}m_{040}^{(00)} - 2m_{000}^{(22)}m_{110}^{(00)}m_{130}^{(22)}\\
&+4m_{000}^{(22)}m_{110}^{(00)}m_{121}^{(21)} - 2m_{000}^{(22)}m_{110}^{(00)}m_{112}^{(11)} + 4m_{000}^{(22)}m_{110}^{(10)}m_{220}^{(22)} - 4m_{000}^{(22)}m_{110}^{(10)}m_{211}^{(21)}\\
&-4m_{000}^{(22)}m_{110}^{(10)}m_{121}^{(20)} + 4m_{000}^{(22)}m_{110}^{(10)}m_{112}^{(10)} - 2m_{000}^{(22)}m_{110}^{(11)}m_{310}^{(22)} + 4m_{000}^{(22)}m_{110}^{(11)}m_{211}^{(20)}\\
&-2m_{000}^{(22)}m_{110}^{(11)}m_{112}^{(00)} - 4m_{000}^{(22)}m_{110}^{(20)}m_{220}^{(21)} + 4m_{000}^{(22)}m_{110}^{(20)}m_{211}^{(11)} + 4m_{000}^{(22)}m_{110}^{(20)}m_{130}^{(20)}\\
&-4m_{000}^{(22)}m_{110}^{(20)}m_{121}^{(10)} + 4m_{000}^{(22)}m_{110}^{(21)}m_{310}^{(21)} - 4m_{000}^{(22)}m_{110}^{(21)}m_{220}^{(20)} - 4m_{000}^{(22)}m_{110}^{(21)}m_{211}^{(10)}\\
&+4m_{000}^{(22)}m_{110}^{(21)}m_{121}^{(00)} - 2m_{000}^{(22)}m_{110}^{(22)}m_{310}^{(11)} + 4m_{000}^{(22)}m_{110}^{(22)}m_{220}^{(10)} - 2m_{000}^{(22)}m_{110}^{(22)}m_{130}^{(00)}\\
&+m_{000}^{(22)}m_{020}^{(00)}m_{220}^{(22)} - 2m_{000}^{(22)}m_{020}^{(00)}m_{211}^{(21)} + m_{000}^{(22)}m_{020}^{(00)}m_{202}^{(11)} - 2m_{000}^{(22)}m_{020}^{(10)}m_{310}^{(22)}\\
&+2m_{000}^{(22)}m_{020}^{(10)}m_{301}^{(21)} + 2m_{000}^{(22)}m_{020}^{(10)}m_{211}^{(20)} - 2m_{000}^{(22)}m_{020}^{(10)}m_{202}^{(10)} + m_{000}^{(22)}m_{020}^{(11)}m_{400}^{(22)}\\
&-2m_{000}^{(22)}m_{020}^{(11)}m_{301}^{(20)} + m_{000}^{(22)}m_{020}^{(11)}m_{202}^{(00)} + 2m_{000}^{(22)}m_{020}^{(20)}m_{310}^{(21)} - 2m_{000}^{(22)}m_{020}^{(20)}m_{301}^{(11)}\\
&-2m_{000}^{(22)}m_{020}^{(20)}m_{220}^{(20)} + 2m_{000}^{(22)}m_{020}^{(20)}m_{211}^{(10)} - 2m_{000}^{(22)}m_{020}^{(21)}m_{400}^{(21)} + 2m_{000}^{(22)}m_{020}^{(21)}m_{310}^{(20)}\\
&+2m_{000}^{(22)}m_{020}^{(21)}m_{301}^{(10)} - 2m_{000}^{(22)}m_{020}^{(21)}m_{211}^{(00)} + m_{000}^{(22)}m_{020}^{(22)}m_{400}^{(11)} - 2m_{000}^{(22)}m_{020}^{(22)}m_{310}^{(10)}\\
&+m_{000}^{(22)}m_{020}^{(22)}m_{220}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccc}
V1 & V1 & 1 & 1\\
1 & 1 & 2 & 2\\
V2 & V2 & V3 & V3
\end{array}
$$



$$
\begin{aligned}
T_{124} \;=\;& m_{200}^{(00)} m_{120}^{(11)} m_{013}^{(22)} - m_{200}^{(00)} m_{120}^{(11)} m_{004}^{(21)} - 2m_{200}^{(00)} m_{120}^{(21)} m_{022}^{(22)} + 2m_{200}^{(00)} m_{120}^{(21)} m_{013}^{(21)} \\
&+ m_{200}^{(00)} m_{120}^{(22)} m_{031}^{(22)} - m_{200}^{(00)} m_{120}^{(22)} m_{022}^{(21)} - m_{200}^{(00)} m_{111}^{(11)} m_{022}^{(22)} + m_{200}^{(00)} m_{111}^{(11)} m_{004}^{(11)} \\
&+ 2m_{200}^{(00)} m_{111}^{(21)} m_{031}^{(22)} - 2m_{200}^{(00)} m_{111}^{(21)} m_{013}^{(11)} - m_{200}^{(00)} m_{111}^{(22)} m_{040}^{(22)} + m_{200}^{(00)} m_{111}^{(22)} m_{022}^{(11)} \\
&+ m_{200}^{(00)} m_{102}^{(11)} m_{022}^{(21)} - m_{200}^{(00)} m_{102}^{(11)} m_{013}^{(11)} - 2m_{200}^{(00)} m_{102}^{(21)} m_{031}^{(21)} + 2m_{200}^{(00)} m_{102}^{(21)} m_{022}^{(11)} \\
&+ m_{200}^{(00)} m_{102}^{(22)} m_{040}^{(21)} - m_{200}^{(00)} m_{102}^{(22)} m_{031}^{(11)} - m_{200}^{(00)} m_{030}^{(10)} m_{013}^{(22)} + m_{200}^{(00)} m_{030}^{(10)} m_{004}^{(21)} \\
&+ m_{200}^{(00)} m_{030}^{(20)} m_{022}^{(22)} - m_{200}^{(00)} m_{030}^{(20)} m_{013}^{(21)} + m_{200}^{(00)} m_{030}^{(21)} m_{112}^{(22)} - m_{200}^{(00)} m_{030}^{(21)} m_{103}^{(21)} \\
&- m_{200}^{(00)} m_{030}^{(22)} m_{121}^{(22)} + m_{200}^{(00)} m_{030}^{(22)} m_{112}^{(21)} + 2m_{200}^{(00)} m_{021}^{(10)} m_{022}^{(22)} - m_{200}^{(00)} m_{021}^{(10)} m_{013}^{(21)} \\
&- m_{200}^{(00)} m_{021}^{(10)} m_{004}^{(11)} - m_{200}^{(00)} m_{021}^{(11)} m_{112}^{(22)} + m_{200}^{(00)} m_{021}^{(11)} m_{103}^{(21)} - 2m_{200}^{(00)} m_{021}^{(20)} m_{031}^{(22)} \\
&+ m_{200}^{(00)} m_{021}^{(20)} m_{022}^{(21)} + m_{200}^{(00)} m_{021}^{(20)} m_{013}^{(11)} - m_{200}^{(00)} m_{021}^{(21)} m_{112}^{(21)} + m_{200}^{(00)} m_{021}^{(21)} m_{103}^{(11)} \\
&+ m_{200}^{(00)} m_{021}^{(22)} m_{130}^{(22)} - m_{200}^{(00)} m_{021}^{(22)} m_{112}^{(11)} - m_{200}^{(00)} m_{012}^{(10)} m_{031}^{(22)} - m_{200}^{(00)} m_{012}^{(10)} m_{022}^{(21)} \\
&+ 2m_{200}^{(00)} m_{012}^{(10)} m_{013}^{(11)} + m_{200}^{(00)} m_{012}^{(11)} m_{121}^{(22)} - m_{200}^{(00)} m_{012}^{(11)} m_{103}^{(11)} + m_{200}^{(00)} m_{012}^{(20)} m_{040}^{(22)} \\
&+ m_{200}^{(00)} m_{012}^{(20)} m_{031}^{(21)} - 2m_{200}^{(00)} m_{012}^{(20)} m_{022}^{(11)} - m_{200}^{(00)} m_{012}^{(21)} m_{130}^{(22)} + m_{200}^{(00)} m_{012}^{(21)} m_{121}^{(21)} \\
&- m_{200}^{(00)} m_{012}^{(22)} m_{130}^{(21)} + m_{200}^{(00)} m_{012}^{(22)} m_{121}^{(11)} + m_{200}^{(00)} m_{003}^{(10)} m_{031}^{(21)} - m_{200}^{(00)} m_{003}^{(10)} m_{022}^{(11)} \\
&- m_{200}^{(00)} m_{003}^{(11)} m_{121}^{(21)} + m_{200}^{(00)} m_{003}^{(11)} m_{112}^{(11)} - m_{200}^{(00)} m_{003}^{(20)} m_{040}^{(21)} + m_{200}^{(00)} m_{003}^{(20)} m_{031}^{(11)} \\
&+ m_{200}^{(00)} m_{003}^{(21)} m_{130}^{(21)} - m_{200}^{(00)} m_{003}^{(21)} m_{121}^{(11)} - m_{200}^{(10)} m_{210}^{(11)} m_{013}^{(22)} + m_{200}^{(10)} m_{210}^{(11)} m_{004}^{(21)} \\
&+ 2m_{200}^{(10)} m_{210}^{(21)} m_{022}^{(22)} - 2m_{200}^{(10)} m_{210}^{(21)} m_{013}^{(21)} - m_{200}^{(10)} m_{210}^{(22)} m_{031}^{(22)} + m_{200}^{(10)} m_{210}^{(22)} m_{022}^{(21)} \\
&+ m_{200}^{(10)} m_{201}^{(11)} m_{022}^{(22)} - m_{200}^{(10)} m_{201}^{(11)} m_{013}^{(21)} - 2m_{200}^{(10)} m_{201}^{(21)} m_{031}^{(22)} + 2m_{200}^{(10)} m_{201}^{(21)} m_{022}^{(21)} \\
&+ m_{200}^{(10)} m_{201}^{(22)} m_{040}^{(22)} - m_{200}^{(10)} m_{201}^{(22)} m_{031}^{(21)} + m_{200}^{(10)} m_{120}^{(10)} m_{013}^{(22)} - m_{200}^{(10)} m_{120}^{(10)} m_{004}^{(21)} \\
&- m_{200}^{(10)} m_{120}^{(11)} m_{103}^{(22)} + m_{200}^{(10)} m_{120}^{(11)} m_{004}^{(20)} - m_{200}^{(10)} m_{120}^{(20)} m_{022}^{(22)} + m_{200}^{(10)} m_{120}^{(20)} m_{013}^{(21)} \\
&+ m_{200}^{(10)} m_{120}^{(21)} m_{112}^{(22)} + m_{200}^{(10)} m_{120}^{(21)} m_{103}^{(21)} - 2m_{200}^{(10)} m_{120}^{(21)} m_{013}^{(20)} - m_{200}^{(10)} m_{120}^{(22)} m_{112}^{(21)} \\
&+ m_{200}^{(10)} m_{120}^{(22)} m_{022}^{(20)} - 2m_{200}^{(10)} m_{111}^{(10)} m_{022}^{(22)} + 2m_{200}^{(10)} m_{111}^{(10)} m_{013}^{(21)} + 2m_{200}^{(10)} m_{111}^{(11)} m_{112}^{(22)} \\
&- 2m_{200}^{(10)} m_{111}^{(11)} m_{004}^{(10)} + 2m_{200}^{(10)} m_{111}^{(20)} m_{031}^{(22)} - 2m_{200}^{(10)} m_{111}^{(20)} m_{022}^{(21)} - 2m_{200}^{(10)} m_{111}^{(21)} m_{121}^{(22)} \\
&- 2m_{200}^{(10)} m_{111}^{(21)} m_{112}^{(21)} + 4m_{200}^{(10)} m_{111}^{(21)} m_{013}^{(10)} + 2m_{200}^{(10)} m_{111}^{(22)} m_{121}^{(21)} - 2m_{200}^{(10)} m_{111}^{(22)} m_{022}^{(10)} \\
&+ m_{200}^{(10)} m_{102}^{(10)} m_{031}^{(22)} - m_{200}^{(10)} m_{102}^{(10)} m_{022}^{(21)} - m_{200}^{(10)} m_{102}^{(11)} m_{121}^{(22)} - m_{200}^{(10)} m_{102}^{(11)} m_{022}^{(20)} \\
&+ 2m_{200}^{(10)} m_{102}^{(11)} m_{013}^{(10)} - m_{200}^{(10)} m_{102}^{(20)} m_{040}^{(22)} + m_{200}^{(10)} m_{102}^{(20)} m_{031}^{(21)} + m_{200}^{(10)} m_{102}^{(21)} m_{130}^{(22)} \\
&+ m_{200}^{(10)} m_{102}^{(21)} m_{121}^{(21)} + 2m_{200}^{(10)} m_{102}^{(21)} m_{031}^{(20)} - 4m_{200}^{(10)} m_{102}^{(21)} m_{022}^{(10)} - m_{200}^{(10)} m_{102}^{(22)} m_{130}^{(21)} \\
&- m_{200}^{(10)} m_{102}^{(22)} m_{040}^{(20)} + 2m_{200}^{(10)} m_{102}^{(22)} m_{031}^{(10)} + m_{200}^{(10)} m_{030}^{(10)} m_{103}^{(22)} - m_{200}^{(10)} m_{030}^{(10)} m_{004}^{(20)} \\
&- m_{200}^{(10)} m_{030}^{(20)} m_{112}^{(22)} + m_{200}^{(10)} m_{030}^{(20)} m_{013}^{(20)} - m_{200}^{(10)} m_{030}^{(21)} m_{202}^{(22)} + m_{200}^{(10)} m_{030}^{(21)} m_{103}^{(20)} \\
&+ m_{200}^{(10)} m_{030}^{(22)} m_{211}^{(22)} - m_{200}^{(10)} m_{030}^{(22)} m_{112}^{(20)} - 2m_{200}^{(10)} m_{021}^{(10)} m_{112}^{(22)} - m_{200}^{(10)} m_{021}^{(10)} m_{103}^{(21)} \\
&+ m_{200}^{(10)} m_{021}^{(10)} m_{013}^{(20)} + 2m_{200}^{(10)} m_{021}^{(10)} m_{004}^{(10)} + m_{200}^{(10)} m_{021}^{(11)} m_{202}^{(22)} - m_{200}^{(10)} m_{021}^{(11)} m_{103}^{(20)} \\
&+ 2m_{200}^{(10)} m_{021}^{(20)} m_{121}^{(22)} + m_{200}^{(10)} m_{021}^{(20)} m_{112}^{(21)} - m_{200}^{(10)} m_{021}^{(20)} m_{022}^{(20)} - 2m_{200}^{(10)} m_{021}^{(20)} m_{013}^{(10)} \\
&+ m_{200}^{(10)} m_{021}^{(21)} m_{202}^{(21)} + m_{200}^{(10)} m_{021}^{(21)} m_{112}^{(20)} - 2m_{200}^{(10)} m_{021}^{(21)} m_{103}^{(10)} - m_{200}^{(10)} m_{021}^{(22)} m_{220}^{(22)} \\
&- m_{200}^{(10)} m_{021}^{(22)} m_{211}^{(21)} + 2m_{200}^{(10)} m_{021}^{(22)} m_{112}^{(10)} + m_{200}^{(10)} m_{012}^{(10)} m_{121}^{(22)} + 2m_{200}^{(10)} m_{012}^{(10)} m_{112}^{(21)} \\
&+ m_{200}^{(10)} m_{012}^{(10)} m_{022}^{(20)} - 4m_{200}^{(10)} m_{012}^{(10)} m_{013}^{(10)} - m_{200}^{(10)} m_{012}^{(11)} m_{211}^{(22)} - m_{200}^{(10)} m_{012}^{(11)} m_{202}^{(21)} \\
&+ 2m_{200}^{(10)} m_{012}^{(11)} m_{103}^{(10)} - m_{200}^{(10)} m_{012}^{(20)} m_{130}^{(22)} - 2m_{200}^{(10)} m_{012}^{(20)} m_{121}^{(21)} - m_{200}^{(10)} m_{012}^{(20)} m_{031}^{(20)} \\
&+ 4m_{200}^{(10)} m_{012}^{(20)} m_{022}^{(10)} + m_{200}^{(10)} m_{012}^{(21)} m_{220}^{(22)} - m_{200}^{(10)} m_{012}^{(21)} m_{121}^{(20)} + m_{200}^{(10)} m_{012}^{(22)} m_{220}^{(21)} \\
&+ m_{200}^{(10)} m_{012}^{(22)} m_{130}^{(20)} - 2m_{200}^{(10)} m_{012}^{(22)} m_{121}^{(10)} - m_{200}^{(10)} m_{003}^{(10)} m_{121}^{(21)} - m_{200}^{(10)} m_{003}^{(10)} m_{031}^{(20)} \\
&+ 2m_{200}^{(10)} m_{003}^{(10)} m_{022}^{(10)} + m_{200}^{(10)} m_{003}^{(11)} m_{211}^{(21)} + m_{200}^{(10)} m_{003}^{(11)} m_{121}^{(20)} - 2m_{200}^{(10)} m_{003}^{(11)} m_{112}^{(10)}
\end{aligned}
$$

$$+m_{200}^{(10)}m_{003}^{(20)}m_{130}^{(21)}+m_{200}^{(10)}m_{003}^{(20)}m_{040}^{(20)}-2m_{200}^{(10)}m_{003}^{(20)}m_{031}^{(10)}-m_{200}^{(10)}m_{003}^{(21)}m_{220}^{(21)}$$
$$-m_{200}^{(10)}m_{003}^{(21)}m_{130}^{(20)}+2m_{200}^{(10)}m_{003}^{(21)}m_{121}^{(10)}+m_{200}^{(11)}m_{210}^{(11)}m_{103}^{(22)}-m_{200}^{(11)}m_{210}^{(11)}m_{004}^{(20)}$$
$$-2m_{200}^{(11)}m_{210}^{(21)}m_{112}^{(22)}+2m_{200}^{(11)}m_{210}^{(21)}m_{013}^{(20)}+m_{200}^{(11)}m_{210}^{(22)}m_{121}^{(22)}-m_{200}^{(11)}m_{210}^{(22)}m_{022}^{(20)}$$
$$-m_{200}^{(11)}m_{201}^{(11)}m_{112}^{(22)}+m_{200}^{(11)}m_{201}^{(11)}m_{013}^{(20)}+2m_{200}^{(11)}m_{201}^{(21)}m_{121}^{(22)}-2m_{200}^{(11)}m_{201}^{(21)}m_{022}^{(20)}$$
$$-m_{200}^{(11)}m_{201}^{(22)}m_{130}^{(22)}+m_{200}^{(11)}m_{201}^{(22)}m_{031}^{(20)}-m_{200}^{(11)}m_{120}^{(10)}m_{103}^{(22)}+m_{200}^{(11)}m_{120}^{(10)}m_{004}^{(20)}$$
$$+m_{200}^{(11)}m_{120}^{(20)}m_{112}^{(22)}-m_{200}^{(11)}m_{120}^{(20)}m_{013}^{(20)}+m_{200}^{(11)}m_{120}^{(21)}m_{202}^{(22)}-m_{200}^{(11)}m_{120}^{(21)}m_{103}^{(20)}$$
$$-m_{200}^{(11)}m_{120}^{(22)}m_{211}^{(22)}+m_{200}^{(11)}m_{120}^{(22)}m_{112}^{(20)}+2m_{200}^{(11)}m_{111}^{(10)}m_{112}^{(22)}-2m_{200}^{(11)}m_{111}^{(10)}m_{013}^{(20)}$$
$$-m_{200}^{(11)}m_{111}^{(11)}m_{202}^{(22)}+m_{200}^{(11)}m_{111}^{(11)}m_{004}^{(00)}-2m_{200}^{(11)}m_{111}^{(20)}m_{121}^{(22)}+2m_{200}^{(11)}m_{111}^{(20)}m_{022}^{(20)}$$
$$+2m_{200}^{(11)}m_{111}^{(21)}m_{112}^{(20)}-2m_{200}^{(11)}m_{111}^{(21)}m_{013}^{(00)}+m_{200}^{(11)}m_{111}^{(22)}m_{220}^{(22)}-2m_{200}^{(11)}m_{111}^{(22)}m_{121}^{(20)}$$
$$+m_{200}^{(11)}m_{111}^{(22)}m_{022}^{(00)}-m_{200}^{(11)}m_{102}^{(10)}m_{121}^{(22)}+m_{200}^{(11)}m_{102}^{(10)}m_{022}^{(20)}+m_{200}^{(11)}m_{102}^{(11)}m_{211}^{(22)}$$
$$-m_{200}^{(11)}m_{102}^{(11)}m_{013}^{(00)}+m_{200}^{(11)}m_{102}^{(20)}m_{130}^{(22)}-m_{200}^{(11)}m_{102}^{(20)}m_{031}^{(20)}-m_{200}^{(11)}m_{102}^{(21)}m_{220}^{(22)}$$
$$-m_{200}^{(11)}m_{102}^{(21)}m_{121}^{(20)}+2m_{200}^{(11)}m_{102}^{(21)}m_{022}^{(00)}+m_{200}^{(11)}m_{102}^{(22)}m_{130}^{(20)}-m_{200}^{(11)}m_{102}^{(22)}m_{031}^{(00)}$$
$$+m_{200}^{(11)}m_{021}^{(10)}m_{103}^{(20)}-m_{200}^{(11)}m_{021}^{(10)}m_{004}^{(00)}-m_{200}^{(11)}m_{021}^{(20)}m_{112}^{(20)}+m_{200}^{(11)}m_{021}^{(20)}m_{013}^{(00)}$$
$$-m_{200}^{(11)}m_{021}^{(21)}m_{202}^{(20)}+m_{200}^{(11)}m_{021}^{(21)}m_{103}^{(00)}+m_{200}^{(11)}m_{021}^{(22)}m_{211}^{(20)}-m_{200}^{(11)}m_{021}^{(22)}m_{112}^{(00)}$$
$$-2m_{200}^{(11)}m_{012}^{(10)}m_{112}^{(20)}+2m_{200}^{(11)}m_{012}^{(10)}m_{013}^{(00)}+m_{200}^{(11)}m_{012}^{(11)}m_{202}^{(20)}-m_{200}^{(11)}m_{012}^{(11)}m_{103}^{(00)}$$
$$+2m_{200}^{(11)}m_{012}^{(20)}m_{121}^{(20)}-2m_{200}^{(11)}m_{012}^{(20)}m_{022}^{(00)}-m_{200}^{(11)}m_{012}^{(22)}m_{220}^{(20)}+m_{200}^{(11)}m_{012}^{(22)}m_{121}^{(00)}$$
$$+m_{200}^{(11)}m_{003}^{(10)}m_{121}^{(20)}-m_{200}^{(11)}m_{003}^{(10)}m_{022}^{(00)}-m_{200}^{(11)}m_{003}^{(11)}m_{211}^{(20)}+m_{200}^{(11)}m_{003}^{(11)}m_{112}^{(00)}$$
$$-m_{200}^{(11)}m_{003}^{(20)}m_{130}^{(20)}+m_{200}^{(11)}m_{003}^{(20)}m_{031}^{(00)}+m_{200}^{(11)}m_{003}^{(21)}m_{220}^{(20)}-m_{200}^{(11)}m_{003}^{(21)}m_{121}^{(00)}$$
$$+m_{200}^{(20)}m_{210}^{(11)}m_{013}^{(21)}-m_{200}^{(20)}m_{210}^{(11)}m_{004}^{(11)}-2m_{200}^{(20)}m_{210}^{(21)}m_{022}^{(21)}+2m_{200}^{(20)}m_{210}^{(21)}m_{013}^{(11)}$$
$$+m_{200}^{(20)}m_{210}^{(22)}m_{031}^{(21)}-m_{200}^{(20)}m_{210}^{(22)}m_{022}^{(11)}-m_{200}^{(20)}m_{201}^{(11)}m_{022}^{(21)}+m_{200}^{(20)}m_{201}^{(11)}m_{013}^{(11)}$$
$$+2m_{200}^{(20)}m_{201}^{(21)}m_{031}^{(21)}-2m_{200}^{(20)}m_{201}^{(21)}m_{022}^{(11)}-m_{200}^{(20)}m_{201}^{(22)}m_{040}^{(21)}+m_{200}^{(20)}m_{201}^{(22)}m_{031}^{(11)}$$
$$-m_{200}^{(20)}m_{120}^{(10)}m_{013}^{(21)}+m_{200}^{(20)}m_{120}^{(10)}m_{004}^{(11)}+m_{200}^{(20)}m_{120}^{(11)}m_{103}^{(21)}-2m_{200}^{(20)}m_{120}^{(11)}m_{013}^{(20)}$$
$$+m_{200}^{(20)}m_{120}^{(11)}m_{004}^{(10)}+m_{200}^{(20)}m_{120}^{(20)}m_{022}^{(21)}-m_{200}^{(20)}m_{120}^{(20)}m_{013}^{(11)}-m_{200}^{(20)}m_{120}^{(21)}m_{112}^{(21)}$$
$$-m_{200}^{(20)}m_{120}^{(21)}m_{103}^{(11)}+4m_{200}^{(20)}m_{120}^{(21)}m_{022}^{(20)}-2m_{200}^{(20)}m_{120}^{(21)}m_{013}^{(10)}+m_{200}^{(20)}m_{120}^{(22)}m_{112}^{(11)}$$
$$-2m_{200}^{(20)}m_{120}^{(22)}m_{031}^{(20)}+m_{200}^{(20)}m_{120}^{(22)}m_{022}^{(10)}+2m_{200}^{(20)}m_{111}^{(10)}m_{022}^{(21)}-2m_{200}^{(20)}m_{111}^{(10)}m_{013}^{(11)}$$
$$-2m_{200}^{(20)}m_{111}^{(11)}m_{112}^{(21)}+2m_{200}^{(20)}m_{111}^{(11)}m_{022}^{(20)}-2m_{200}^{(20)}m_{111}^{(20)}m_{031}^{(21)}+2m_{200}^{(20)}m_{111}^{(20)}m_{022}^{(11)}$$
$$+2m_{200}^{(20)}m_{111}^{(21)}m_{121}^{(21)}+2m_{200}^{(20)}m_{111}^{(21)}m_{112}^{(11)}-4m_{200}^{(20)}m_{111}^{(21)}m_{031}^{(20)}-2m_{200}^{(20)}m_{111}^{(22)}m_{121}^{(11)}$$
$$+2m_{200}^{(20)}m_{111}^{(22)}m_{040}^{(20)}-m_{200}^{(20)}m_{102}^{(10)}m_{031}^{(21)}+m_{200}^{(20)}m_{102}^{(10)}m_{022}^{(11)}+m_{200}^{(20)}m_{102}^{(11)}m_{121}^{(21)}$$
$$-m_{200}^{(20)}m_{102}^{(11)}m_{022}^{(10)}+m_{200}^{(20)}m_{102}^{(20)}m_{040}^{(21)}-m_{200}^{(20)}m_{102}^{(20)}m_{031}^{(11)}-m_{200}^{(20)}m_{102}^{(21)}m_{130}^{(21)}$$
$$-m_{200}^{(20)}m_{102}^{(21)}m_{121}^{(11)}+2m_{200}^{(20)}m_{102}^{(21)}m_{031}^{(10)}+m_{200}^{(20)}m_{102}^{(22)}m_{130}^{(11)}-m_{200}^{(20)}m_{102}^{(22)}m_{040}^{(10)}$$
$$-m_{200}^{(20)}m_{030}^{(10)}m_{103}^{(21)}+2m_{200}^{(20)}m_{030}^{(10)}m_{013}^{(20)}-m_{200}^{(20)}m_{030}^{(10)}m_{004}^{(10)}+m_{200}^{(20)}m_{030}^{(20)}m_{112}^{(21)}$$
$$-2m_{200}^{(20)}m_{030}^{(20)}m_{022}^{(20)}+m_{200}^{(20)}m_{030}^{(20)}m_{013}^{(10)}+m_{200}^{(20)}m_{030}^{(21)}m_{202}^{(21)}-2m_{200}^{(20)}m_{030}^{(21)}m_{112}^{(20)}$$
$$+m_{200}^{(20)}m_{030}^{(21)}m_{103}^{(10)}-m_{200}^{(20)}m_{030}^{(22)}m_{211}^{(21)}+2m_{200}^{(20)}m_{030}^{(22)}m_{121}^{(20)}-m_{200}^{(20)}m_{030}^{(22)}m_{112}^{(10)}$$
$$+2m_{200}^{(20)}m_{021}^{(10)}m_{112}^{(21)}+m_{200}^{(20)}m_{021}^{(10)}m_{103}^{(11)}-4m_{200}^{(20)}m_{021}^{(10)}m_{022}^{(20)}+m_{200}^{(20)}m_{021}^{(10)}m_{013}^{(10)}$$
$$-m_{200}^{(20)}m_{021}^{(11)}m_{202}^{(21)}+2m_{200}^{(20)}m_{021}^{(11)}m_{112}^{(20)}-m_{200}^{(20)}m_{021}^{(11)}m_{103}^{(10)}-2m_{200}^{(20)}m_{021}^{(20)}m_{121}^{(21)}$$
$$-m_{200}^{(20)}m_{021}^{(20)}m_{112}^{(11)}+4m_{200}^{(20)}m_{021}^{(20)}m_{031}^{(20)}-m_{200}^{(20)}m_{021}^{(20)}m_{022}^{(10)}-m_{200}^{(20)}m_{021}^{(21)}m_{202}^{(11)}$$
$$+m_{200}^{(20)}m_{021}^{(21)}m_{112}^{(10)}+m_{200}^{(20)}m_{021}^{(22)}m_{220}^{(21)}+m_{200}^{(20)}m_{021}^{(22)}m_{211}^{(11)}-2m_{200}^{(20)}m_{021}^{(22)}m_{130}^{(20)}$$
$$-m_{200}^{(20)}m_{012}^{(10)}m_{121}^{(21)}-2m_{200}^{(20)}m_{012}^{(10)}m_{112}^{(11)}+2m_{200}^{(20)}m_{012}^{(10)}m_{031}^{(20)}+m_{200}^{(20)}m_{012}^{(10)}m_{022}^{(10)}$$

$$+m_{200}^{(20)}m_{012}^{(11)}m_{211}^{(21)}+m_{200}^{(20)}m_{012}^{(11)}m_{202}^{(11)}-2m_{200}^{(20)}m_{012}^{(11)}m_{121}^{(20)}+m_{200}^{(20)}m_{012}^{(20)}m_{130}^{(21)}$$
$$+2m_{200}^{(20)}m_{012}^{(20)}m_{121}^{(11)}-2m_{200}^{(20)}m_{012}^{(20)}m_{040}^{(20)}-m_{200}^{(20)}m_{012}^{(20)}m_{031}^{(10)}-m_{200}^{(20)}m_{012}^{(21)}m_{220}^{(21)}$$
$$+2m_{200}^{(20)}m_{012}^{(21)}m_{130}^{(20)}-m_{200}^{(20)}m_{012}^{(21)}m_{121}^{(10)}-m_{200}^{(20)}m_{012}^{(22)}m_{220}^{(11)}+m_{200}^{(20)}m_{012}^{(22)}m_{130}^{(10)}$$
$$+m_{200}^{(20)}m_{003}^{(10)}m_{121}^{(11)}-m_{200}^{(20)}m_{003}^{(10)}m_{031}^{(10)}-m_{200}^{(20)}m_{003}^{(11)}m_{211}^{(11)}+m_{200}^{(20)}m_{003}^{(11)}m_{121}^{(10)}$$
$$-m_{200}^{(20)}m_{003}^{(20)}m_{130}^{(11)}+m_{200}^{(20)}m_{003}^{(20)}m_{040}^{(10)}+m_{200}^{(20)}m_{003}^{(21)}m_{220}^{(11)}-m_{200}^{(20)}m_{003}^{(21)}m_{130}^{(10)}$$
$$-2m_{200}^{(21)}m_{210}^{(11)}m_{103}^{(21)}+m_{200}^{(21)}m_{210}^{(11)}m_{013}^{(20)}+m_{200}^{(21)}m_{210}^{(11)}m_{004}^{(10)}+4m_{200}^{(21)}m_{210}^{(21)}m_{112}^{(21)}$$
$$-2m_{200}^{(21)}m_{210}^{(21)}m_{022}^{(20)}-2m_{200}^{(21)}m_{210}^{(21)}m_{013}^{(10)}-2m_{200}^{(21)}m_{210}^{(22)}m_{121}^{(21)}+m_{200}^{(21)}m_{210}^{(22)}m_{031}^{(20)}$$
$$+m_{200}^{(21)}m_{210}^{(22)}m_{022}^{(10)}+2m_{200}^{(21)}m_{201}^{(11)}m_{112}^{(21)}-m_{200}^{(21)}m_{201}^{(11)}m_{022}^{(20)}-m_{200}^{(21)}m_{201}^{(11)}m_{013}^{(10)}$$
$$-4m_{200}^{(21)}m_{201}^{(21)}m_{121}^{(21)}+2m_{200}^{(21)}m_{201}^{(21)}m_{031}^{(20)}+2m_{200}^{(21)}m_{201}^{(21)}m_{022}^{(10)}+2m_{200}^{(21)}m_{201}^{(22)}m_{130}^{(21)}$$
$$-m_{200}^{(21)}m_{201}^{(22)}m_{040}^{(20)}-m_{200}^{(21)}m_{201}^{(22)}m_{031}^{(10)}+2m_{200}^{(21)}m_{120}^{(10)}m_{103}^{(21)}-m_{200}^{(21)}m_{120}^{(10)}m_{013}^{(20)}$$
$$-m_{200}^{(21)}m_{120}^{(10)}m_{004}^{(10)}+m_{200}^{(21)}m_{120}^{(11)}m_{103}^{(20)}-m_{200}^{(21)}m_{120}^{(11)}m_{004}^{(00)}-2m_{200}^{(21)}m_{120}^{(20)}m_{112}^{(21)}$$
$$+m_{200}^{(21)}m_{120}^{(20)}m_{022}^{(20)}+m_{200}^{(21)}m_{120}^{(20)}m_{013}^{(10)}-2m_{200}^{(21)}m_{120}^{(21)}m_{202}^{(21)}-m_{200}^{(21)}m_{120}^{(21)}m_{112}^{(20)}$$
$$+m_{200}^{(21)}m_{120}^{(21)}m_{103}^{(10)}+2m_{200}^{(21)}m_{120}^{(21)}m_{013}^{(00)}+2m_{200}^{(21)}m_{120}^{(22)}m_{211}^{(21)}-m_{200}^{(21)}m_{120}^{(22)}m_{112}^{(10)}$$
$$-m_{200}^{(21)}m_{120}^{(22)}m_{022}^{(00)}-4m_{200}^{(21)}m_{111}^{(10)}m_{112}^{(21)}+2m_{200}^{(21)}m_{111}^{(10)}m_{022}^{(20)}+2m_{200}^{(21)}m_{111}^{(10)}m_{013}^{(10)}$$
$$+2m_{200}^{(21)}m_{111}^{(11)}m_{202}^{(21)}-2m_{200}^{(21)}m_{111}^{(11)}m_{112}^{(20)}+4m_{200}^{(21)}m_{111}^{(20)}m_{121}^{(21)}-2m_{200}^{(21)}m_{111}^{(20)}m_{031}^{(20)}$$
$$-2m_{200}^{(21)}m_{111}^{(20)}m_{022}^{(10)}+2m_{200}^{(21)}m_{111}^{(21)}m_{121}^{(20)}-2m_{200}^{(21)}m_{111}^{(21)}m_{112}^{(10)}-2m_{200}^{(21)}m_{111}^{(22)}m_{220}^{(21)}$$
$$+2m_{200}^{(21)}m_{111}^{(22)}m_{121}^{(10)}+2m_{200}^{(21)}m_{102}^{(10)}m_{121}^{(21)}-m_{200}^{(21)}m_{102}^{(10)}m_{031}^{(20)}-m_{200}^{(21)}m_{102}^{(10)}m_{022}^{(10)}$$
$$-2m_{200}^{(21)}m_{102}^{(11)}m_{211}^{(21)}+m_{200}^{(21)}m_{102}^{(11)}m_{121}^{(20)}+m_{200}^{(21)}m_{102}^{(11)}m_{022}^{(00)}-2m_{200}^{(21)}m_{102}^{(20)}m_{130}^{(21)}$$
$$+m_{200}^{(21)}m_{102}^{(20)}m_{040}^{(20)}+m_{200}^{(21)}m_{102}^{(20)}m_{031}^{(10)}+2m_{200}^{(21)}m_{102}^{(21)}m_{220}^{(21)}-m_{200}^{(21)}m_{102}^{(21)}m_{130}^{(20)}$$
$$+m_{200}^{(21)}m_{102}^{(21)}m_{121}^{(10)}-2m_{200}^{(21)}m_{102}^{(21)}m_{031}^{(00)}-m_{200}^{(21)}m_{102}^{(22)}m_{130}^{(10)}+m_{200}^{(21)}m_{102}^{(22)}m_{040}^{(00)}$$
$$-m_{200}^{(21)}m_{030}^{(10)}m_{103}^{(20)}+m_{200}^{(21)}m_{030}^{(10)}m_{004}^{(00)}+m_{200}^{(21)}m_{030}^{(20)}m_{112}^{(20)}-m_{200}^{(21)}m_{030}^{(20)}m_{013}^{(00)}$$
$$+m_{200}^{(21)}m_{030}^{(21)}m_{202}^{(20)}-m_{200}^{(21)}m_{030}^{(21)}m_{103}^{(00)}-m_{200}^{(21)}m_{030}^{(22)}m_{211}^{(20)}+m_{200}^{(21)}m_{030}^{(22)}m_{112}^{(00)}$$
$$+2m_{200}^{(21)}m_{021}^{(10)}m_{112}^{(20)}-m_{200}^{(21)}m_{021}^{(10)}m_{103}^{(10)}-m_{200}^{(21)}m_{021}^{(10)}m_{013}^{(00)}-m_{200}^{(21)}m_{021}^{(11)}m_{202}^{(20)}$$
$$+m_{200}^{(21)}m_{021}^{(11)}m_{103}^{(00)}-2m_{200}^{(21)}m_{021}^{(20)}m_{121}^{(20)}+m_{200}^{(21)}m_{021}^{(20)}m_{112}^{(10)}+m_{200}^{(21)}m_{021}^{(20)}m_{022}^{(00)}$$
$$+m_{200}^{(21)}m_{021}^{(21)}m_{202}^{(10)}-m_{200}^{(21)}m_{021}^{(21)}m_{112}^{(00)}+m_{200}^{(21)}m_{021}^{(22)}m_{220}^{(20)}-m_{200}^{(21)}m_{021}^{(22)}m_{211}^{(10)}$$
$$-m_{200}^{(21)}m_{012}^{(10)}m_{121}^{(20)}+2m_{200}^{(21)}m_{012}^{(10)}m_{112}^{(10)}-m_{200}^{(21)}m_{012}^{(10)}m_{022}^{(00)}+m_{200}^{(21)}m_{012}^{(11)}m_{211}^{(20)}$$
$$-m_{200}^{(21)}m_{012}^{(11)}m_{202}^{(10)}+m_{200}^{(21)}m_{012}^{(20)}m_{130}^{(20)}-2m_{200}^{(21)}m_{012}^{(20)}m_{121}^{(10)}+m_{200}^{(21)}m_{012}^{(20)}m_{031}^{(00)}$$
$$-m_{200}^{(21)}m_{012}^{(21)}m_{220}^{(20)}+m_{200}^{(21)}m_{012}^{(21)}m_{121}^{(00)}+m_{200}^{(21)}m_{012}^{(22)}m_{220}^{(10)}-m_{200}^{(21)}m_{012}^{(22)}m_{130}^{(00)}$$
$$-m_{200}^{(21)}m_{003}^{(10)}m_{121}^{(10)}+m_{200}^{(21)}m_{003}^{(10)}m_{031}^{(00)}+m_{200}^{(21)}m_{003}^{(11)}m_{211}^{(10)}-m_{200}^{(21)}m_{003}^{(11)}m_{121}^{(00)}$$
$$+m_{200}^{(21)}m_{003}^{(20)}m_{130}^{(10)}-m_{200}^{(21)}m_{003}^{(20)}m_{040}^{(00)}-m_{200}^{(21)}m_{003}^{(21)}m_{220}^{(10)}+m_{200}^{(21)}m_{003}^{(21)}m_{130}^{(00)}$$
$$+m_{200}^{(22)}m_{210}^{(11)}m_{103}^{(11)}-m_{200}^{(22)}m_{210}^{(11)}m_{013}^{(10)}-2m_{200}^{(22)}m_{210}^{(21)}m_{112}^{(11)}+2m_{200}^{(22)}m_{210}^{(21)}m_{022}^{(10)}$$
$$+m_{200}^{(22)}m_{210}^{(22)}m_{121}^{(11)}-m_{200}^{(22)}m_{210}^{(22)}m_{031}^{(10)}-m_{200}^{(22)}m_{201}^{(11)}m_{112}^{(11)}+m_{200}^{(22)}m_{201}^{(11)}m_{022}^{(10)}$$
$$+2m_{200}^{(22)}m_{201}^{(21)}m_{121}^{(11)}-2m_{200}^{(22)}m_{201}^{(21)}m_{031}^{(10)}-m_{200}^{(22)}m_{201}^{(22)}m_{130}^{(11)}+m_{200}^{(22)}m_{201}^{(22)}m_{040}^{(10)}$$
$$-m_{200}^{(22)}m_{120}^{(10)}m_{103}^{(11)}+m_{200}^{(22)}m_{120}^{(10)}m_{013}^{(10)}-m_{200}^{(22)}m_{120}^{(11)}m_{103}^{(10)}+m_{200}^{(22)}m_{120}^{(11)}m_{013}^{(00)}$$
$$+m_{200}^{(22)}m_{120}^{(20)}m_{112}^{(11)}-m_{200}^{(22)}m_{120}^{(20)}m_{022}^{(10)}+m_{200}^{(22)}m_{120}^{(21)}m_{202}^{(11)}+m_{200}^{(22)}m_{120}^{(21)}m_{112}^{(10)}$$
$$-2m_{200}^{(22)}m_{120}^{(21)}m_{022}^{(00)}-m_{200}^{(22)}m_{120}^{(22)}m_{211}^{(11)}+m_{200}^{(22)}m_{120}^{(22)}m_{031}^{(00)}+2m_{200}^{(22)}m_{111}^{(10)}m_{112}^{(11)}$$
$$-2m_{200}^{(22)}m_{111}^{(10)}m_{022}^{(10)}-m_{200}^{(22)}m_{111}^{(11)}m_{202}^{(11)}+2m_{200}^{(22)}m_{111}^{(11)}m_{112}^{(10)}-m_{200}^{(22)}m_{111}^{(11)}m_{022}^{(00)}$$
$$-2m_{200}^{(22)}m_{111}^{(20)}m_{121}^{(11)}+2m_{200}^{(22)}m_{111}^{(20)}m_{031}^{(10)}-2m_{200}^{(22)}m_{111}^{(21)}m_{121}^{(10)}+2m_{200}^{(22)}m_{111}^{(21)}m_{031}^{(00)}$$

$$
\begin{aligned}
&+m_{200}^{(22)}m_{111}^{(22)}m_{220}^{(11)} - m_{200}^{(22)}m_{111}^{(22)}m_{040}^{(00)} - m_{200}^{(22)}m_{102}^{(10)}m_{121}^{(11)} + m_{200}^{(22)}m_{102}^{(10)}m_{031}^{(10)}\\
&+m_{200}^{(22)}m_{102}^{(11)}m_{211}^{(11)} - m_{200}^{(22)}m_{102}^{(11)}m_{121}^{(10)} + m_{200}^{(22)}m_{102}^{(20)}m_{130}^{(11)} - m_{200}^{(22)}m_{102}^{(20)}m_{040}^{(10)}\\
&-m_{200}^{(22)}m_{102}^{(21)}m_{220}^{(11)} + m_{200}^{(22)}m_{102}^{(21)}m_{130}^{(10)} + m_{200}^{(22)}m_{030}^{(10)}m_{103}^{(10)} - m_{200}^{(22)}m_{030}^{(10)}m_{013}^{(00)}\\
&-m_{200}^{(22)}m_{030}^{(20)}m_{112}^{(10)} + m_{200}^{(22)}m_{030}^{(20)}m_{022}^{(00)} - m_{200}^{(22)}m_{030}^{(21)}m_{202}^{(10)} + m_{200}^{(22)}m_{030}^{(21)}m_{112}^{(00)}\\
&+m_{200}^{(22)}m_{030}^{(22)}m_{211}^{(10)} - m_{200}^{(22)}m_{030}^{(22)}m_{121}^{(00)} - 2m_{200}^{(22)}m_{021}^{(10)}m_{112}^{(10)} + 2m_{200}^{(22)}m_{021}^{(10)}m_{022}^{(00)}\\
&+m_{200}^{(22)}m_{021}^{(11)}m_{202}^{(10)} - m_{200}^{(22)}m_{021}^{(11)}m_{112}^{(00)} + 2m_{200}^{(22)}m_{021}^{(20)}m_{121}^{(10)} - 2m_{200}^{(22)}m_{021}^{(20)}m_{031}^{(00)}\\
&-m_{200}^{(22)}m_{021}^{(22)}m_{220}^{(10)} + m_{200}^{(22)}m_{021}^{(22)}m_{130}^{(00)} + m_{200}^{(22)}m_{012}^{(10)}m_{121}^{(10)} - m_{200}^{(22)}m_{012}^{(10)}m_{031}^{(00)}\\
&-m_{200}^{(22)}m_{012}^{(11)}m_{211}^{(10)} + m_{200}^{(22)}m_{012}^{(11)}m_{121}^{(00)} - m_{200}^{(22)}m_{012}^{(20)}m_{130}^{(10)} + m_{200}^{(22)}m_{012}^{(20)}m_{040}^{(00)}\\
&+m_{200}^{(22)}m_{012}^{(21)}m_{220}^{(10)} - m_{200}^{(22)}m_{012}^{(21)}m_{130}^{(00)} - m_{110}^{(00)}m_{210}^{(11)}m_{013}^{(22)} + m_{110}^{(00)}m_{210}^{(11)}m_{004}^{(21)}\\
&+2m_{110}^{(00)}m_{210}^{(21)}m_{022}^{(22)} - 2m_{110}^{(00)}m_{210}^{(21)}m_{013}^{(21)} - m_{110}^{(00)}m_{210}^{(22)}m_{031}^{(22)} + m_{110}^{(00)}m_{210}^{(22)}m_{022}^{(21)}\\
&+m_{110}^{(00)}m_{201}^{(11)}m_{013}^{(21)} - m_{110}^{(00)}m_{201}^{(11)}m_{004}^{(11)} - 2m_{110}^{(00)}m_{201}^{(21)}m_{022}^{(21)} + 2m_{110}^{(00)}m_{201}^{(21)}m_{013}^{(11)}\\
&+m_{110}^{(00)}m_{201}^{(22)}m_{031}^{(21)} - m_{110}^{(00)}m_{201}^{(22)}m_{022}^{(11)} + 2m_{110}^{(00)}m_{111}^{(11)}m_{112}^{(22)} - 2m_{110}^{(00)}m_{111}^{(11)}m_{103}^{(21)}\\
&-4m_{110}^{(00)}m_{111}^{(21)}m_{121}^{(22)} + 4m_{110}^{(00)}m_{111}^{(21)}m_{112}^{(21)} + 2m_{110}^{(00)}m_{111}^{(22)}m_{130}^{(22)} - 2m_{110}^{(00)}m_{111}^{(22)}m_{121}^{(21)}\\
&-2m_{110}^{(00)}m_{102}^{(11)}m_{112}^{(21)} + 2m_{110}^{(00)}m_{102}^{(11)}m_{103}^{(11)} + 4m_{110}^{(00)}m_{102}^{(21)}m_{121}^{(21)} - 4m_{110}^{(00)}m_{102}^{(21)}m_{112}^{(11)}\\
&-2m_{110}^{(00)}m_{102}^{(22)}m_{130}^{(21)} + 2m_{110}^{(00)}m_{102}^{(22)}m_{121}^{(11)} + m_{110}^{(00)}m_{030}^{(00)}m_{013}^{(22)} - m_{110}^{(00)}m_{030}^{(00)}m_{004}^{(21)}\\
&-2m_{110}^{(00)}m_{030}^{(20)}m_{112}^{(22)} + 2m_{110}^{(00)}m_{030}^{(20)}m_{103}^{(21)} + m_{110}^{(00)}m_{030}^{(22)}m_{211}^{(22)} - m_{110}^{(00)}m_{030}^{(22)}m_{202}^{(21)}\\
&-2m_{110}^{(00)}m_{021}^{(00)}m_{022}^{(22)} + m_{110}^{(00)}m_{021}^{(00)}m_{013}^{(21)} + m_{110}^{(00)}m_{021}^{(00)}m_{004}^{(11)} + 4m_{110}^{(00)}m_{021}^{(20)}m_{121}^{(22)}\\
&-2m_{110}^{(00)}m_{021}^{(20)}m_{112}^{(21)} - 2m_{110}^{(00)}m_{021}^{(20)}m_{103}^{(11)} - 2m_{110}^{(00)}m_{021}^{(22)}m_{220}^{(22)} + m_{110}^{(00)}m_{021}^{(22)}m_{211}^{(21)}\\
&+m_{110}^{(00)}m_{021}^{(22)}m_{202}^{(11)} + m_{110}^{(00)}m_{012}^{(00)}m_{031}^{(22)} + m_{110}^{(00)}m_{012}^{(00)}m_{022}^{(21)} - 2m_{110}^{(00)}m_{012}^{(00)}m_{013}^{(11)}\\
&-m_{110}^{(00)}m_{012}^{(11)}m_{211}^{(22)} + m_{110}^{(00)}m_{012}^{(11)}m_{202}^{(21)} - 2m_{110}^{(00)}m_{012}^{(20)}m_{130}^{(22)} - 2m_{110}^{(00)}m_{012}^{(20)}m_{121}^{(21)}\\
&+4m_{110}^{(00)}m_{012}^{(20)}m_{112}^{(11)} + 2m_{110}^{(00)}m_{012}^{(21)}m_{220}^{(22)} - 2m_{110}^{(00)}m_{012}^{(21)}m_{211}^{(21)} + 2m_{110}^{(00)}m_{012}^{(22)}m_{220}^{(21)}\\
&-2m_{110}^{(00)}m_{012}^{(22)}m_{211}^{(11)} - m_{110}^{(00)}m_{003}^{(00)}m_{031}^{(21)} + m_{110}^{(00)}m_{003}^{(00)}m_{022}^{(11)} + m_{110}^{(00)}m_{003}^{(11)}m_{211}^{(21)}\\
&-m_{110}^{(00)}m_{003}^{(11)}m_{202}^{(11)} + 2m_{110}^{(00)}m_{003}^{(20)}m_{130}^{(21)} - 2m_{110}^{(00)}m_{003}^{(20)}m_{121}^{(11)} - 2m_{110}^{(00)}m_{003}^{(21)}m_{220}^{(21)}\\
&+2m_{110}^{(00)}m_{003}^{(21)}m_{211}^{(11)} + m_{110}^{(10)}m_{300}^{(11)}m_{013}^{(22)} - m_{110}^{(10)}m_{300}^{(11)}m_{004}^{(21)} - 2m_{110}^{(10)}m_{300}^{(21)}m_{022}^{(22)}\\
&+2m_{110}^{(10)}m_{300}^{(21)}m_{013}^{(21)} + m_{110}^{(10)}m_{300}^{(22)}m_{031}^{(22)} - m_{110}^{(10)}m_{300}^{(22)}m_{022}^{(21)} + m_{110}^{(10)}m_{210}^{(11)}m_{103}^{(22)}\\
&-m_{110}^{(10)}m_{210}^{(11)}m_{004}^{(20)} - 2m_{110}^{(10)}m_{210}^{(21)}m_{112}^{(22)} + 2m_{110}^{(10)}m_{210}^{(21)}m_{013}^{(20)} + m_{110}^{(10)}m_{210}^{(22)}m_{121}^{(22)}\\
&-m_{110}^{(10)}m_{210}^{(22)}m_{022}^{(20)} - 2m_{110}^{(10)}m_{201}^{(11)}m_{112}^{(22)} + m_{110}^{(10)}m_{201}^{(11)}m_{103}^{(21)} - m_{110}^{(10)}m_{201}^{(11)}m_{013}^{(20)}\\
&+2m_{110}^{(10)}m_{201}^{(11)}m_{004}^{(10)} + 4m_{110}^{(10)}m_{201}^{(21)}m_{121}^{(22)} - 2m_{110}^{(10)}m_{201}^{(21)}m_{112}^{(21)} + 2m_{110}^{(10)}m_{201}^{(21)}m_{022}^{(20)}\\
&-4m_{110}^{(10)}m_{201}^{(21)}m_{013}^{(10)} - 2m_{110}^{(10)}m_{201}^{(22)}m_{130}^{(22)} + m_{110}^{(10)}m_{201}^{(22)}m_{121}^{(21)} - m_{110}^{(10)}m_{201}^{(22)}m_{031}^{(20)}\\
&+2m_{110}^{(10)}m_{201}^{(22)}m_{022}^{(10)} - m_{110}^{(10)}m_{120}^{(00)}m_{013}^{(22)} + m_{110}^{(10)}m_{120}^{(00)}m_{004}^{(21)} + 2m_{110}^{(10)}m_{120}^{(20)}m_{112}^{(22)}\\
&-2m_{110}^{(10)}m_{120}^{(20)}m_{103}^{(21)} - m_{110}^{(10)}m_{120}^{(22)}m_{211}^{(22)} + m_{110}^{(10)}m_{120}^{(22)}m_{202}^{(21)} + 2m_{110}^{(10)}m_{111}^{(00)}m_{022}^{(22)}\\
&-2m_{110}^{(10)}m_{111}^{(00)}m_{013}^{(21)} - 2m_{110}^{(10)}m_{111}^{(11)}m_{202}^{(22)} + 2m_{110}^{(10)}m_{111}^{(11)}m_{103}^{(20)} - 4m_{110}^{(10)}m_{111}^{(20)}m_{121}^{(22)}\\
&+4m_{110}^{(10)}m_{111}^{(20)}m_{112}^{(21)} + 4m_{110}^{(10)}m_{111}^{(21)}m_{211}^{(22)} - 4m_{110}^{(10)}m_{111}^{(21)}m_{112}^{(20)} - 2m_{110}^{(10)}m_{111}^{(22)}m_{211}^{(21)}\\
&+2m_{110}^{(10)}m_{111}^{(22)}m_{121}^{(20)} - m_{110}^{(10)}m_{102}^{(00)}m_{031}^{(22)} + m_{110}^{(10)}m_{102}^{(00)}m_{022}^{(21)} + m_{110}^{(10)}m_{102}^{(11)}m_{211}^{(21)}\\
&+m_{110}^{(10)}m_{102}^{(11)}m_{202}^{(21)} + 2m_{110}^{(10)}m_{102}^{(11)}m_{112}^{(20)} - 4m_{110}^{(10)}m_{102}^{(11)}m_{103}^{(10)} + 2m_{110}^{(10)}m_{102}^{(20)}m_{130}^{(22)}\\
&-2m_{110}^{(10)}m_{102}^{(20)}m_{121}^{(21)} - 2m_{110}^{(10)}m_{102}^{(21)}m_{220}^{(22)} - 2m_{110}^{(10)}m_{102}^{(21)}m_{211}^{(21)} - 4m_{110}^{(10)}m_{102}^{(21)}m_{121}^{(20)}\\
&+8m_{110}^{(10)}m_{102}^{(21)}m_{112}^{(10)} + 2m_{110}^{(10)}m_{102}^{(22)}m_{220}^{(21)} + 2m_{110}^{(10)}m_{102}^{(22)}m_{130}^{(20)} - 4m_{110}^{(10)}m_{102}^{(22)}m_{121}^{(10)}\\
&-m_{110}^{(10)}m_{030}^{(00)}m_{103}^{(22)} + m_{110}^{(10)}m_{030}^{(00)}m_{004}^{(20)} + 2m_{110}^{(10)}m_{030}^{(20)}m_{202}^{(22)} - 2m_{110}^{(10)}m_{030}^{(20)}m_{103}^{(20)}
\end{aligned}
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\begin{aligned}
&-m_{110}^{(10)}m_{030}^{(22)}m_{301}^{(22)}+m_{110}^{(10)}m_{030}^{(22)}m_{202}^{(20)}+2m_{110}^{(10)}m_{021}^{(00)}m_{112}^{(22)}+m_{110}^{(10)}m_{021}^{(00)}m_{103}^{(21)}\\
&-m_{110}^{(10)}m_{021}^{(00)}m_{013}^{(20)}-2m_{110}^{(10)}m_{021}^{(00)}m_{004}^{(10)}-4m_{110}^{(10)}m_{021}^{(20)}m_{211}^{(22)}-2m_{110}^{(10)}m_{021}^{(20)}m_{202}^{(21)}\\
&+2m_{110}^{(10)}m_{021}^{(20)}m_{112}^{(20)}+4m_{110}^{(10)}m_{021}^{(20)}m_{103}^{(10)}+2m_{110}^{(10)}m_{021}^{(22)}m_{310}^{(22)}+m_{110}^{(10)}m_{021}^{(22)}m_{301}^{(21)}\\
&-m_{110}^{(10)}m_{021}^{(22)}m_{211}^{(20)}-2m_{110}^{(10)}m_{021}^{(22)}m_{202}^{(10)}-m_{110}^{(10)}m_{012}^{(00)}m_{121}^{(22)}-2m_{110}^{(10)}m_{012}^{(10)}m_{112}^{(21)}\\
&-m_{110}^{(10)}m_{012}^{(00)}m_{022}^{(20)}+4m_{110}^{(10)}m_{012}^{(00)}m_{013}^{(10)}+m_{110}^{(10)}m_{012}^{(11)}m_{301}^{(22)}-m_{110}^{(10)}m_{012}^{(11)}m_{202}^{(20)}\\
&+2m_{110}^{(10)}m_{012}^{(20)}m_{220}^{(22)}+4m_{110}^{(10)}m_{012}^{(20)}m_{211}^{(21)}+2m_{110}^{(10)}m_{012}^{(20)}m_{121}^{(20)}-8m_{110}^{(10)}m_{012}^{(20)}m_{112}^{(10)}\\
&-2m_{110}^{(10)}m_{012}^{(21)}m_{310}^{(22)}+2m_{110}^{(10)}m_{012}^{(21)}m_{211}^{(20)}-2m_{110}^{(10)}m_{012}^{(22)}m_{310}^{(21)}-2m_{110}^{(10)}m_{012}^{(22)}m_{220}^{(20)}\\
&+4m_{110}^{(10)}m_{012}^{(22)}m_{211}^{(10)}+m_{110}^{(10)}m_{003}^{(00)}m_{121}^{(21)}+m_{110}^{(10)}m_{003}^{(00)}m_{031}^{(20)}-2m_{110}^{(10)}m_{003}^{(00)}m_{022}^{(10)}\\
&-m_{110}^{(10)}m_{003}^{(11)}m_{301}^{(21)}-m_{110}^{(10)}m_{003}^{(11)}m_{211}^{(20)}+2m_{110}^{(10)}m_{003}^{(11)}m_{202}^{(10)}-2m_{110}^{(10)}m_{003}^{(20)}m_{220}^{(21)}\\
&-2m_{110}^{(10)}m_{003}^{(20)}m_{130}^{(20)}+4m_{110}^{(10)}m_{003}^{(20)}m_{121}^{(10)}+2m_{110}^{(10)}m_{003}^{(21)}m_{310}^{(21)}+2m_{110}^{(10)}m_{003}^{(21)}m_{220}^{(20)}\\
&-4m_{110}^{(10)}m_{003}^{(21)}m_{211}^{(10)}-m_{110}^{(11)}m_{300}^{(11)}m_{103}^{(22)}+m_{110}^{(11)}m_{300}^{(11)}m_{004}^{(20)}+2m_{110}^{(11)}m_{300}^{(21)}m_{112}^{(22)}\\
&-2m_{110}^{(11)}m_{300}^{(21)}m_{013}^{(20)}-m_{110}^{(11)}m_{300}^{(22)}m_{121}^{(22)}+m_{110}^{(11)}m_{300}^{(22)}m_{022}^{(20)}+2m_{110}^{(11)}m_{201}^{(11)}m_{202}^{(22)}\\
&-m_{110}^{(11)}m_{201}^{(11)}m_{103}^{(20)}-m_{110}^{(11)}m_{201}^{(11)}m_{004}^{(00)}-4m_{110}^{(11)}m_{201}^{(21)}m_{211}^{(22)}+2m_{110}^{(11)}m_{201}^{(21)}m_{112}^{(20)}\\
&+2m_{110}^{(11)}m_{201}^{(21)}m_{013}^{(00)}+2m_{110}^{(11)}m_{201}^{(22)}m_{220}^{(22)}-m_{110}^{(11)}m_{201}^{(22)}m_{121}^{(20)}-m_{110}^{(11)}m_{201}^{(22)}m_{022}^{(00)}\\
&+m_{110}^{(11)}m_{120}^{(00)}m_{103}^{(22)}-m_{110}^{(11)}m_{120}^{(00)}m_{004}^{(20)}-2m_{110}^{(11)}m_{120}^{(20)}m_{202}^{(22)}+2m_{110}^{(11)}m_{120}^{(20)}m_{103}^{(20)}\\
&+m_{110}^{(11)}m_{120}^{(22)}m_{301}^{(22)}-m_{110}^{(11)}m_{120}^{(22)}m_{202}^{(20)}-2m_{110}^{(11)}m_{111}^{(00)}m_{112}^{(22)}+2m_{110}^{(11)}m_{111}^{(00)}m_{013}^{(20)}\\
&+4m_{110}^{(11)}m_{111}^{(20)}m_{211}^{(22)}-4m_{110}^{(11)}m_{111}^{(20)}m_{112}^{(20)}-2m_{110}^{(11)}m_{111}^{(22)}m_{310}^{(22)}+2m_{110}^{(11)}m_{111}^{(22)}m_{211}^{(20)}\\
&+m_{110}^{(11)}m_{102}^{(00)}m_{121}^{(22)}-m_{110}^{(11)}m_{102}^{(00)}m_{022}^{(20)}-m_{110}^{(11)}m_{102}^{(11)}m_{301}^{(22)}-m_{110}^{(11)}m_{102}^{(11)}m_{202}^{(20)}\\
&+2m_{110}^{(11)}m_{102}^{(11)}m_{103}^{(00)}-2m_{110}^{(11)}m_{102}^{(20)}m_{220}^{(22)}+2m_{110}^{(11)}m_{102}^{(20)}m_{121}^{(20)}+2m_{110}^{(11)}m_{102}^{(21)}m_{310}^{(22)}\\
&+2m_{110}^{(11)}m_{102}^{(21)}m_{211}^{(20)}-4m_{110}^{(11)}m_{102}^{(21)}m_{112}^{(00)}-2m_{110}^{(11)}m_{102}^{(22)}m_{220}^{(20)}+2m_{110}^{(11)}m_{102}^{(22)}m_{121}^{(00)}\\
&-m_{110}^{(11)}m_{021}^{(00)}m_{103}^{(20)}+m_{110}^{(11)}m_{021}^{(00)}m_{004}^{(00)}+2m_{110}^{(11)}m_{021}^{(20)}m_{202}^{(20)}-2m_{110}^{(11)}m_{021}^{(20)}m_{103}^{(00)}\\
&-m_{110}^{(11)}m_{021}^{(22)}m_{301}^{(20)}+m_{110}^{(11)}m_{021}^{(22)}m_{202}^{(00)}+2m_{110}^{(11)}m_{012}^{(00)}m_{112}^{(20)}-2m_{110}^{(11)}m_{012}^{(00)}m_{013}^{(00)}\\
&-4m_{110}^{(11)}m_{012}^{(20)}m_{211}^{(20)}+4m_{110}^{(11)}m_{012}^{(20)}m_{112}^{(00)}+2m_{110}^{(11)}m_{012}^{(22)}m_{310}^{(20)}-2m_{110}^{(11)}m_{012}^{(22)}m_{211}^{(00)}\\
&-m_{110}^{(11)}m_{003}^{(00)}m_{121}^{(20)}+m_{110}^{(11)}m_{003}^{(00)}m_{022}^{(00)}+m_{110}^{(11)}m_{003}^{(11)}m_{301}^{(20)}-m_{110}^{(11)}m_{003}^{(11)}m_{202}^{(00)}\\
&+2m_{110}^{(11)}m_{003}^{(20)}m_{220}^{(20)}-2m_{110}^{(11)}m_{003}^{(20)}m_{121}^{(00)}-2m_{110}^{(11)}m_{003}^{(21)}m_{310}^{(20)}+2m_{110}^{(11)}m_{003}^{(21)}m_{211}^{(00)}\\
&-m_{110}^{(20)}m_{300}^{(11)}m_{013}^{(21)}+m_{110}^{(20)}m_{300}^{(11)}m_{004}^{(11)}+2m_{110}^{(20)}m_{300}^{(21)}m_{022}^{(20)}-2m_{110}^{(20)}m_{300}^{(21)}m_{013}^{(11)}\\
&-m_{110}^{(20)}m_{300}^{(22)}m_{031}^{(21)}+m_{110}^{(20)}m_{300}^{(22)}m_{022}^{(11)}-m_{110}^{(20)}m_{210}^{(11)}m_{103}^{(21)}+2m_{110}^{(20)}m_{210}^{(11)}m_{013}^{(20)}\\
&-m_{110}^{(20)}m_{210}^{(11)}m_{004}^{(10)}+2m_{110}^{(20)}m_{210}^{(21)}m_{112}^{(21)}-4m_{110}^{(20)}m_{210}^{(21)}m_{022}^{(20)}+2m_{110}^{(20)}m_{210}^{(21)}m_{013}^{(10)}\\
&-m_{110}^{(20)}m_{210}^{(22)}m_{121}^{(21)}+2m_{110}^{(20)}m_{210}^{(22)}m_{031}^{(20)}-m_{110}^{(20)}m_{210}^{(22)}m_{022}^{(10)}+2m_{110}^{(20)}m_{201}^{(11)}m_{112}^{(21)}\\
&-m_{110}^{(20)}m_{201}^{(11)}m_{103}^{(11)}-m_{110}^{(20)}m_{201}^{(11)}m_{013}^{(10)}-4m_{110}^{(20)}m_{201}^{(21)}m_{121}^{(21)}+2m_{110}^{(20)}m_{201}^{(21)}m_{112}^{(11)}\\
&+2m_{110}^{(20)}m_{201}^{(21)}m_{022}^{(10)}+2m_{110}^{(20)}m_{201}^{(22)}m_{130}^{(21)}-m_{110}^{(20)}m_{201}^{(22)}m_{121}^{(11)}-m_{110}^{(20)}m_{201}^{(22)}m_{031}^{(10)}\\
&+m_{110}^{(20)}m_{120}^{(00)}m_{013}^{(21)}-m_{110}^{(20)}m_{120}^{(00)}m_{004}^{(11)}-2m_{110}^{(20)}m_{120}^{(20)}m_{112}^{(21)}+2m_{110}^{(20)}m_{120}^{(20)}m_{103}^{(11)}\\
&+m_{110}^{(20)}m_{120}^{(22)}m_{211}^{(21)}-m_{110}^{(20)}m_{120}^{(22)}m_{202}^{(11)}-2m_{110}^{(20)}m_{111}^{(00)}m_{022}^{(21)}+2m_{110}^{(20)}m_{111}^{(00)}m_{013}^{(11)}\\
&+2m_{110}^{(20)}m_{111}^{(11)}m_{202}^{(21)}-4m_{110}^{(20)}m_{111}^{(11)}m_{112}^{(20)}+2m_{110}^{(20)}m_{111}^{(11)}m_{103}^{(10)}+4m_{110}^{(20)}m_{111}^{(20)}m_{121}^{(21)}\\
&-4m_{110}^{(20)}m_{111}^{(20)}m_{112}^{(11)}-4m_{110}^{(20)}m_{111}^{(21)}m_{211}^{(21)}+8m_{110}^{(20)}m_{111}^{(21)}m_{121}^{(20)}-4m_{110}^{(20)}m_{111}^{(21)}m_{112}^{(10)}\\
&+2m_{110}^{(20)}m_{111}^{(22)}m_{211}^{(11)}-4m_{110}^{(20)}m_{111}^{(22)}m_{130}^{(20)}+2m_{110}^{(20)}m_{111}^{(22)}m_{121}^{(10)}+m_{110}^{(20)}m_{102}^{(00)}m_{031}^{(21)}\\
&-m_{110}^{(20)}m_{102}^{(00)}m_{022}^{(11)}-m_{110}^{(20)}m_{102}^{(11)}m_{211}^{(21)}-m_{110}^{(20)}m_{102}^{(11)}m_{202}^{(11)}+2m_{110}^{(20)}m_{102}^{(11)}m_{112}^{(10)}\\
&-2m_{110}^{(20)}m_{102}^{(20)}m_{130}^{(21)}+2m_{110}^{(20)}m_{102}^{(20)}m_{121}^{(11)}+2m_{110}^{(20)}m_{102}^{(21)}m_{220}^{(21)}+2m_{110}^{(20)}m_{102}^{(21)}m_{211}^{(11)}
\end{aligned}
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\begin{aligned}
&-4m_{110}^{(20)}m_{102}^{(21)}m_{121}^{(10)} - 2m_{110}^{(20)}m_{102}^{(22)}m_{220}^{(11)} + 2m_{110}^{(20)}m_{102}^{(22)}m_{130}^{(10)} + m_{110}^{(20)}m_{030}^{(00)}m_{103}^{(21)}\\
&-2m_{110}^{(20)}m_{030}^{(00)}m_{013}^{(20)} + m_{110}^{(20)}m_{030}^{(00)}m_{004}^{(10)} - 2m_{110}^{(20)}m_{030}^{(20)}m_{202}^{(21)} + 4m_{110}^{(20)}m_{030}^{(20)}m_{112}^{(20)}\\
&-2m_{110}^{(20)}m_{030}^{(20)}m_{103}^{(10)} + m_{110}^{(20)}m_{030}^{(22)}m_{301}^{(21)} - 2m_{110}^{(20)}m_{030}^{(22)}m_{211}^{(20)} + m_{110}^{(20)}m_{030}^{(22)}m_{202}^{(10)}\\
&-2m_{110}^{(20)}m_{021}^{(00)}m_{112}^{(21)} - m_{110}^{(20)}m_{021}^{(00)}m_{103}^{(11)} + 4m_{110}^{(20)}m_{021}^{(00)}m_{022}^{(20)} - m_{110}^{(20)}m_{021}^{(00)}m_{013}^{(10)}\\
&+4m_{110}^{(20)}m_{021}^{(20)}m_{211}^{(21)} + 2m_{110}^{(20)}m_{021}^{(20)}m_{202}^{(11)} - 8m_{110}^{(20)}m_{021}^{(20)}m_{121}^{(20)} + 2m_{110}^{(20)}m_{021}^{(20)}m_{112}^{(10)}\\
&-2m_{110}^{(20)}m_{021}^{(22)}m_{310}^{(21)} - m_{110}^{(20)}m_{021}^{(22)}m_{301}^{(11)} + 4m_{110}^{(20)}m_{021}^{(22)}m_{220}^{(20)} - m_{110}^{(20)}m_{021}^{(22)}m_{211}^{(10)}\\
&+m_{110}^{(20)}m_{012}^{(00)}m_{121}^{(21)} + 2m_{110}^{(20)}m_{012}^{(00)}m_{112}^{(11)} - 2m_{110}^{(20)}m_{012}^{(00)}m_{031}^{(20)} - m_{110}^{(20)}m_{012}^{(00)}m_{022}^{(10)}\\
&-m_{110}^{(20)}m_{012}^{(11)}m_{301}^{(21)} + 2m_{110}^{(20)}m_{012}^{(11)}m_{211}^{(20)} - m_{110}^{(20)}m_{012}^{(11)}m_{202}^{(10)} - 2m_{110}^{(20)}m_{012}^{(20)}m_{220}^{(21)}\\
&-4m_{110}^{(20)}m_{012}^{(20)}m_{211}^{(11)} + 4m_{110}^{(20)}m_{012}^{(20)}m_{130}^{(20)} + 2m_{110}^{(20)}m_{012}^{(20)}m_{121}^{(10)} + 2m_{110}^{(20)}m_{012}^{(21)}m_{310}^{(21)}\\
&-4m_{110}^{(20)}m_{012}^{(21)}m_{220}^{(20)} + 2m_{110}^{(20)}m_{012}^{(21)}m_{211}^{(10)} + 2m_{110}^{(20)}m_{012}^{(22)}m_{310}^{(11)} - 2m_{110}^{(20)}m_{012}^{(22)}m_{220}^{(10)}\\
&-m_{110}^{(20)}m_{003}^{(00)}m_{121}^{(11)} + m_{110}^{(20)}m_{003}^{(00)}m_{031}^{(10)} + m_{110}^{(20)}m_{003}^{(11)}m_{301}^{(11)} - m_{110}^{(20)}m_{003}^{(11)}m_{211}^{(10)}\\
&+2m_{110}^{(20)}m_{003}^{(20)}m_{220}^{(11)} - 2m_{110}^{(20)}m_{003}^{(20)}m_{130}^{(10)} - 2m_{110}^{(20)}m_{003}^{(21)}m_{310}^{(11)} + 2m_{110}^{(20)}m_{003}^{(21)}m_{220}^{(10)}\\
&+2m_{110}^{(21)}m_{300}^{(11)}m_{103}^{(21)} - m_{110}^{(21)}m_{300}^{(11)}m_{013}^{(20)} - m_{110}^{(21)}m_{300}^{(11)}m_{004}^{(10)} - 4m_{110}^{(21)}m_{300}^{(21)}m_{112}^{(21)}\\
&+2m_{110}^{(21)}m_{300}^{(21)}m_{022}^{(20)} + 2m_{110}^{(21)}m_{300}^{(21)}m_{013}^{(10)} + 2m_{110}^{(21)}m_{300}^{(22)}m_{121}^{(21)} - m_{110}^{(21)}m_{300}^{(22)}m_{031}^{(20)}\\
&-m_{110}^{(21)}m_{300}^{(22)}m_{022}^{(10)} - m_{110}^{(21)}m_{210}^{(11)}m_{103}^{(20)} + m_{110}^{(21)}m_{210}^{(11)}m_{004}^{(00)} + 2m_{110}^{(21)}m_{210}^{(21)}m_{112}^{(20)}\\
&-2m_{110}^{(21)}m_{210}^{(21)}m_{013}^{(00)} - m_{110}^{(21)}m_{210}^{(22)}m_{121}^{(20)} + m_{110}^{(21)}m_{210}^{(22)}m_{022}^{(00)} - 4m_{110}^{(21)}m_{201}^{(11)}m_{202}^{(21)}\\
&+2m_{110}^{(21)}m_{201}^{(11)}m_{112}^{(20)} + m_{110}^{(21)}m_{201}^{(11)}m_{103}^{(10)} + m_{110}^{(21)}m_{201}^{(11)}m_{013}^{(00)} + 8m_{110}^{(21)}m_{201}^{(21)}m_{211}^{(21)}\\
&-4m_{110}^{(21)}m_{201}^{(21)}m_{121}^{(20)} - 2m_{110}^{(21)}m_{201}^{(21)}m_{112}^{(10)} - 2m_{110}^{(21)}m_{201}^{(21)}m_{022}^{(00)} - 4m_{110}^{(21)}m_{201}^{(22)}m_{220}^{(21)}\\
&+2m_{110}^{(21)}m_{201}^{(22)}m_{130}^{(20)} + m_{110}^{(21)}m_{201}^{(22)}m_{121}^{(10)} + m_{110}^{(21)}m_{201}^{(22)}m_{031}^{(00)} - 2m_{110}^{(21)}m_{120}^{(00)}m_{103}^{(21)}\\
&+m_{110}^{(21)}m_{120}^{(00)}m_{013}^{(20)} + m_{110}^{(21)}m_{120}^{(00)}m_{004}^{(10)} + 4m_{110}^{(21)}m_{120}^{(20)}m_{202}^{(21)} - 2m_{110}^{(21)}m_{120}^{(20)}m_{112}^{(20)}\\
&-2m_{110}^{(21)}m_{120}^{(20)}m_{103}^{(10)} - 2m_{110}^{(21)}m_{120}^{(22)}m_{301}^{(21)} + m_{110}^{(21)}m_{120}^{(22)}m_{211}^{(20)} + m_{110}^{(21)}m_{120}^{(22)}m_{202}^{(10)}\\
&+4m_{110}^{(21)}m_{111}^{(00)}m_{112}^{(21)} - 2m_{110}^{(21)}m_{111}^{(00)}m_{022}^{(20)} - 2m_{110}^{(21)}m_{111}^{(00)}m_{013}^{(10)} + 2m_{110}^{(21)}m_{111}^{(11)}m_{202}^{(20)}\\
&-2m_{110}^{(21)}m_{111}^{(11)}m_{103}^{(00)} - 8m_{110}^{(21)}m_{111}^{(20)}m_{211}^{(21)} + 4m_{110}^{(21)}m_{111}^{(20)}m_{121}^{(20)} + 4m_{110}^{(21)}m_{111}^{(20)}m_{112}^{(10)}\\
&-4m_{110}^{(21)}m_{111}^{(21)}m_{211}^{(20)} + 4m_{110}^{(21)}m_{111}^{(21)}m_{112}^{(00)} + 4m_{110}^{(21)}m_{111}^{(22)}m_{310}^{(21)} - 2m_{110}^{(21)}m_{111}^{(22)}m_{211}^{(10)}\\
&-2m_{110}^{(21)}m_{111}^{(22)}m_{121}^{(00)} - 2m_{110}^{(21)}m_{102}^{(00)}m_{121}^{(21)} + m_{110}^{(21)}m_{102}^{(00)}m_{031}^{(20)} + m_{110}^{(21)}m_{102}^{(00)}m_{022}^{(10)}\\
&+2m_{110}^{(21)}m_{102}^{(11)}m_{301}^{(21)} - m_{110}^{(21)}m_{102}^{(11)}m_{211}^{(20)} + m_{110}^{(21)}m_{102}^{(11)}m_{202}^{(10)} - 2m_{110}^{(21)}m_{102}^{(11)}m_{112}^{(00)}\\
&+4m_{110}^{(21)}m_{102}^{(20)}m_{220}^{(21)} - 2m_{110}^{(21)}m_{102}^{(20)}m_{130}^{(20)} - 2m_{110}^{(21)}m_{102}^{(20)}m_{121}^{(10)} - 4m_{110}^{(21)}m_{102}^{(21)}m_{310}^{(21)}\\
&+2m_{110}^{(21)}m_{102}^{(21)}m_{220}^{(20)} - 2m_{110}^{(21)}m_{102}^{(21)}m_{211}^{(10)} + 4m_{110}^{(21)}m_{102}^{(21)}m_{121}^{(00)} + 2m_{110}^{(21)}m_{102}^{(22)}m_{220}^{(10)}\\
&-2m_{110}^{(21)}m_{102}^{(22)}m_{130}^{(00)} + m_{110}^{(21)}m_{030}^{(00)}m_{103}^{(20)} - m_{110}^{(21)}m_{030}^{(00)}m_{004}^{(00)} - 2m_{110}^{(21)}m_{030}^{(20)}m_{202}^{(20)}\\
&+2m_{110}^{(21)}m_{030}^{(20)}m_{103}^{(00)} + m_{110}^{(21)}m_{030}^{(22)}m_{301}^{(20)} - m_{110}^{(21)}m_{030}^{(22)}m_{202}^{(00)} - 2m_{110}^{(21)}m_{021}^{(00)}m_{112}^{(20)}\\
&+m_{110}^{(21)}m_{021}^{(00)}m_{103}^{(10)} + m_{110}^{(21)}m_{021}^{(00)}m_{013}^{(00)} + 4m_{110}^{(21)}m_{021}^{(20)}m_{211}^{(20)} - 2m_{110}^{(21)}m_{021}^{(20)}m_{202}^{(10)}\\
&-2m_{110}^{(21)}m_{021}^{(20)}m_{112}^{(00)} - 2m_{110}^{(21)}m_{021}^{(22)}m_{310}^{(20)} + m_{110}^{(21)}m_{021}^{(22)}m_{301}^{(10)} + m_{110}^{(21)}m_{021}^{(22)}m_{211}^{(00)}\\
&+m_{110}^{(21)}m_{012}^{(00)}m_{121}^{(20)} - 2m_{110}^{(21)}m_{012}^{(00)}m_{112}^{(10)} + m_{110}^{(21)}m_{012}^{(00)}m_{022}^{(00)} - m_{110}^{(21)}m_{012}^{(11)}m_{301}^{(20)}\\
&+m_{110}^{(21)}m_{012}^{(11)}m_{202}^{(00)} - 2m_{110}^{(21)}m_{012}^{(20)}m_{220}^{(20)} + 4m_{110}^{(21)}m_{012}^{(20)}m_{211}^{(10)} - 2m_{110}^{(21)}m_{012}^{(20)}m_{121}^{(00)}\\
&+2m_{110}^{(21)}m_{012}^{(21)}m_{310}^{(20)} - 2m_{110}^{(21)}m_{012}^{(21)}m_{211}^{(00)} - 2m_{110}^{(21)}m_{012}^{(22)}m_{310}^{(10)} + 2m_{110}^{(21)}m_{012}^{(22)}m_{220}^{(00)}\\
&+m_{110}^{(21)}m_{003}^{(00)}m_{121}^{(10)} - m_{110}^{(21)}m_{003}^{(00)}m_{031}^{(00)} - m_{110}^{(21)}m_{003}^{(11)}m_{301}^{(10)} + m_{110}^{(21)}m_{003}^{(11)}m_{211}^{(00)}\\
&-2m_{110}^{(21)}m_{003}^{(20)}m_{220}^{(10)} + 2m_{110}^{(21)}m_{003}^{(20)}m_{130}^{(00)} + 2m_{110}^{(21)}m_{003}^{(21)}m_{310}^{(10)} - 2m_{110}^{(21)}m_{003}^{(21)}m_{220}^{(00)}\\
&-m_{110}^{(22)}m_{300}^{(11)}m_{103}^{(11)} + m_{110}^{(22)}m_{300}^{(11)}m_{013}^{(10)} + 2m_{110}^{(22)}m_{300}^{(21)}m_{112}^{(11)} - 2m_{110}^{(22)}m_{300}^{(21)}m_{022}^{(10)}
\end{aligned}
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\begin{aligned}
&-m_{110}^{(22)}m_{300}^{(22)}m_{121}^{(11)}+m_{110}^{(22)}m_{300}^{(22)}m_{031}^{(10)}+m_{110}^{(22)}m_{210}^{(11)}m_{103}^{(10)}-m_{110}^{(22)}m_{210}^{(11)}m_{013}^{(00)}\\
&-2m_{110}^{(22)}m_{210}^{(21)}m_{112}^{(10)}+2m_{110}^{(22)}m_{210}^{(21)}m_{022}^{(00)}+m_{110}^{(22)}m_{210}^{(22)}m_{121}^{(10)}-m_{110}^{(22)}m_{210}^{(22)}m_{031}^{(00)}\\
&+2m_{110}^{(22)}m_{201}^{(11)}m_{202}^{(11)}-2m_{110}^{(22)}m_{201}^{(11)}m_{112}^{(10)}-4m_{110}^{(22)}m_{201}^{(21)}m_{211}^{(11)}+4m_{110}^{(22)}m_{201}^{(21)}m_{121}^{(10)}\\
&+2m_{110}^{(22)}m_{201}^{(22)}m_{220}^{(11)}-2m_{110}^{(22)}m_{201}^{(22)}m_{130}^{(10)}+m_{110}^{(22)}m_{120}^{(00)}m_{103}^{(11)}-m_{110}^{(22)}m_{120}^{(00)}m_{013}^{(10)}\\
&-2m_{110}^{(22)}m_{120}^{(20)}m_{202}^{(11)}+2m_{110}^{(22)}m_{120}^{(20)}m_{112}^{(10)}+m_{110}^{(22)}m_{120}^{(22)}m_{301}^{(11)}-m_{110}^{(22)}m_{120}^{(22)}m_{211}^{(10)}\\
&-2m_{110}^{(22)}m_{111}^{(00)}m_{112}^{(11)}+2m_{110}^{(22)}m_{111}^{(00)}m_{022}^{(10)}-2m_{110}^{(22)}m_{111}^{(11)}m_{202}^{(10)}+2m_{110}^{(22)}m_{111}^{(11)}m_{112}^{(00)}\\
&+4m_{110}^{(22)}m_{111}^{(20)}m_{211}^{(11)}-4m_{110}^{(22)}m_{111}^{(20)}m_{121}^{(10)}+4m_{110}^{(22)}m_{111}^{(21)}m_{211}^{(10)}-4m_{110}^{(22)}m_{111}^{(21)}m_{121}^{(00)}\\
&-2m_{110}^{(22)}m_{111}^{(22)}m_{310}^{(11)}+2m_{110}^{(22)}m_{111}^{(22)}m_{130}^{(00)}+m_{110}^{(22)}m_{102}^{(00)}m_{121}^{(11)}-m_{110}^{(22)}m_{102}^{(00)}m_{031}^{(10)}\\
&-m_{110}^{(22)}m_{102}^{(11)}m_{301}^{(11)}+m_{110}^{(22)}m_{102}^{(11)}m_{211}^{(10)}-2m_{110}^{(22)}m_{102}^{(20)}m_{220}^{(11)}+2m_{110}^{(22)}m_{102}^{(20)}m_{130}^{(10)}\\
&+2m_{110}^{(22)}m_{102}^{(21)}m_{310}^{(11)}-2m_{110}^{(22)}m_{102}^{(21)}m_{220}^{(10)}-m_{110}^{(22)}m_{030}^{(00)}m_{103}^{(10)}+m_{110}^{(22)}m_{030}^{(00)}m_{013}^{(00)}\\
&+2m_{110}^{(22)}m_{030}^{(20)}m_{202}^{(10)}-2m_{110}^{(22)}m_{030}^{(20)}m_{112}^{(00)}-m_{110}^{(22)}m_{030}^{(22)}m_{301}^{(10)}+m_{110}^{(22)}m_{030}^{(22)}m_{211}^{(00)}\\
&+2m_{110}^{(22)}m_{021}^{(00)}m_{112}^{(10)}-2m_{110}^{(22)}m_{021}^{(00)}m_{022}^{(00)}-4m_{110}^{(22)}m_{021}^{(20)}m_{211}^{(10)}+4m_{110}^{(22)}m_{021}^{(20)}m_{121}^{(00)}\\
&+2m_{110}^{(22)}m_{021}^{(22)}m_{310}^{(10)}-2m_{110}^{(22)}m_{021}^{(22)}m_{220}^{(00)}-m_{110}^{(22)}m_{012}^{(00)}m_{121}^{(10)}+m_{110}^{(22)}m_{012}^{(00)}m_{031}^{(00)}\\
&+m_{110}^{(22)}m_{012}^{(11)}m_{301}^{(10)}-m_{110}^{(22)}m_{012}^{(11)}m_{211}^{(00)}+2m_{110}^{(22)}m_{012}^{(20)}m_{220}^{(10)}-2m_{110}^{(22)}m_{012}^{(20)}m_{130}^{(00)}\\
&-2m_{110}^{(22)}m_{012}^{(21)}m_{310}^{(10)}+2m_{110}^{(22)}m_{012}^{(21)}m_{220}^{(00)}+m_{101}^{(00)}m_{210}^{(11)}m_{022}^{(22)}-m_{101}^{(00)}m_{210}^{(11)}m_{013}^{(21)}\\
&-2m_{101}^{(00)}m_{210}^{(21)}m_{031}^{(22)}+2m_{101}^{(00)}m_{210}^{(21)}m_{022}^{(21)}+m_{101}^{(00)}m_{210}^{(22)}m_{040}^{(22)}-m_{101}^{(00)}m_{210}^{(22)}m_{031}^{(21)}\\
&-m_{101}^{(00)}m_{201}^{(11)}m_{022}^{(21)}+m_{101}^{(00)}m_{201}^{(11)}m_{013}^{(11)}+2m_{101}^{(00)}m_{201}^{(21)}m_{031}^{(21)}-2m_{101}^{(00)}m_{201}^{(21)}m_{022}^{(11)}\\
&-m_{101}^{(00)}m_{201}^{(22)}m_{040}^{(21)}+m_{101}^{(00)}m_{201}^{(22)}m_{031}^{(11)}-2m_{101}^{(00)}m_{120}^{(11)}m_{112}^{(22)}+2m_{101}^{(00)}m_{120}^{(11)}m_{103}^{(21)}\\
&+4m_{101}^{(00)}m_{120}^{(21)}m_{121}^{(22)}-4m_{101}^{(00)}m_{120}^{(21)}m_{112}^{(21)}-2m_{101}^{(00)}m_{120}^{(22)}m_{130}^{(22)}+2m_{101}^{(00)}m_{120}^{(22)}m_{121}^{(21)}\\
&+2m_{101}^{(00)}m_{111}^{(11)}m_{112}^{(21)}-2m_{101}^{(00)}m_{111}^{(11)}m_{103}^{(11)}-4m_{101}^{(00)}m_{111}^{(21)}m_{121}^{(21)}+4m_{101}^{(00)}m_{111}^{(21)}m_{112}^{(11)}\\
&+2m_{101}^{(00)}m_{111}^{(22)}m_{130}^{(21)}-2m_{101}^{(00)}m_{111}^{(22)}m_{121}^{(11)}-m_{101}^{(00)}m_{030}^{(00)}m_{022}^{(22)}+m_{101}^{(00)}m_{030}^{(00)}m_{013}^{(21)}\\
&+2m_{101}^{(00)}m_{030}^{(10)}m_{112}^{(22)}-2m_{101}^{(00)}m_{030}^{(10)}m_{103}^{(21)}-2m_{101}^{(00)}m_{030}^{(21)}m_{211}^{(22)}+2m_{101}^{(00)}m_{030}^{(21)}m_{202}^{(21)}\\
&+m_{101}^{(00)}m_{030}^{(22)}m_{220}^{(22)}-m_{101}^{(00)}m_{030}^{(22)}m_{211}^{(21)}+2m_{101}^{(00)}m_{021}^{(00)}m_{031}^{(22)}-m_{101}^{(00)}m_{021}^{(00)}m_{022}^{(21)}\\
&-m_{101}^{(00)}m_{021}^{(00)}m_{013}^{(11)}-4m_{101}^{(00)}m_{021}^{(10)}m_{121}^{(22)}+2m_{101}^{(00)}m_{021}^{(10)}m_{112}^{(21)}+2m_{101}^{(00)}m_{021}^{(10)}m_{103}^{(11)}\\
&+2m_{101}^{(00)}m_{021}^{(11)}m_{211}^{(22)}-2m_{101}^{(00)}m_{021}^{(11)}m_{202}^{(21)}+2m_{101}^{(00)}m_{021}^{(21)}m_{211}^{(21)}-2m_{101}^{(00)}m_{021}^{(21)}m_{202}^{(11)}\\
&-m_{101}^{(00)}m_{021}^{(22)}m_{220}^{(21)}+m_{101}^{(00)}m_{021}^{(22)}m_{211}^{(11)}-m_{101}^{(00)}m_{012}^{(00)}m_{040}^{(22)}-m_{101}^{(00)}m_{012}^{(00)}m_{031}^{(21)}\\
&+2m_{101}^{(00)}m_{012}^{(00)}m_{022}^{(11)}+2m_{101}^{(00)}m_{012}^{(10)}m_{130}^{(22)}+2m_{101}^{(00)}m_{012}^{(10)}m_{121}^{(21)}-4m_{101}^{(00)}m_{012}^{(10)}m_{112}^{(11)}\\
&-m_{101}^{(00)}m_{012}^{(11)}m_{220}^{(22)}-m_{101}^{(00)}m_{012}^{(11)}m_{211}^{(21)}+2m_{101}^{(00)}m_{012}^{(11)}m_{202}^{(11)}+m_{101}^{(00)}m_{003}^{(00)}m_{040}^{(21)}\\
&-m_{101}^{(00)}m_{003}^{(00)}m_{031}^{(11)}-2m_{101}^{(00)}m_{003}^{(10)}m_{130}^{(21)}+2m_{101}^{(00)}m_{003}^{(10)}m_{121}^{(11)}+m_{101}^{(00)}m_{003}^{(11)}m_{220}^{(21)}\\
&-m_{101}^{(00)}m_{003}^{(11)}m_{211}^{(11)}-m_{101}^{(10)}m_{300}^{(11)}m_{022}^{(22)}+m_{101}^{(10)}m_{300}^{(11)}m_{013}^{(21)}+2m_{101}^{(10)}m_{300}^{(21)}m_{031}^{(22)}\\
&-2m_{101}^{(10)}m_{300}^{(21)}m_{022}^{(21)}-m_{101}^{(10)}m_{300}^{(22)}m_{040}^{(22)}+m_{101}^{(10)}m_{300}^{(22)}m_{031}^{(21)}+m_{101}^{(10)}m_{210}^{(11)}m_{112}^{(22)}\\
&-2m_{101}^{(10)}m_{210}^{(11)}m_{103}^{(21)}+m_{101}^{(10)}m_{210}^{(11)}m_{013}^{(20)}-2m_{101}^{(10)}m_{210}^{(21)}m_{121}^{(22)}+4m_{101}^{(10)}m_{210}^{(21)}m_{112}^{(21)}\\
&-2m_{101}^{(10)}m_{210}^{(21)}m_{022}^{(20)}+m_{101}^{(10)}m_{210}^{(22)}m_{130}^{(22)}-2m_{101}^{(10)}m_{210}^{(22)}m_{121}^{(21)}+m_{101}^{(10)}m_{210}^{(22)}m_{031}^{(20)}\\
&+m_{101}^{(10)}m_{201}^{(11)}m_{112}^{(21)}+m_{101}^{(10)}m_{201}^{(11)}m_{022}^{(20)}-2m_{101}^{(10)}m_{201}^{(11)}m_{013}^{(10)}-2m_{101}^{(10)}m_{201}^{(21)}m_{121}^{(21)}\\
&-2m_{101}^{(10)}m_{201}^{(21)}m_{031}^{(20)}+4m_{101}^{(10)}m_{201}^{(21)}m_{022}^{(10)}+m_{101}^{(10)}m_{201}^{(22)}m_{130}^{(21)}+m_{101}^{(10)}m_{201}^{(22)}m_{040}^{(20)}\\
&-2m_{101}^{(10)}m_{201}^{(22)}m_{031}^{(10)}+m_{101}^{(10)}m_{120}^{(00)}m_{022}^{(22)}-m_{101}^{(10)}m_{120}^{(00)}m_{013}^{(21)}-2m_{101}^{(10)}m_{120}^{(10)}m_{112}^{(22)}\\
&+2m_{101}^{(10)}m_{120}^{(10)}m_{103}^{(21)}+2m_{101}^{(10)}m_{120}^{(11)}m_{202}^{(22)}-2m_{101}^{(10)}m_{120}^{(11)}m_{103}^{(20)}-2m_{101}^{(10)}m_{120}^{(21)}m_{211}^{(22)}\\
&-2m_{101}^{(10)}m_{120}^{(21)}m_{202}^{(21)}+4m_{101}^{(10)}m_{120}^{(21)}m_{112}^{(20)}+m_{101}^{(10)}m_{120}^{(22)}m_{220}^{(22)}+m_{101}^{(10)}m_{120}^{(22)}m_{211}^{(21)}
\end{aligned}
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\begin{aligned}
&-2m_{101}^{(10)}m_{120}^{(22)}m_{121}^{(20)} - 2m_{101}^{(10)}m_{111}^{(00)}m_{031}^{(22)} + 2m_{101}^{(10)}m_{111}^{(00)}m_{022}^{(21)} + 4m_{101}^{(10)}m_{111}^{(10)}m_{121}^{(22)}\\
&-4m_{101}^{(10)}m_{111}^{(10)}m_{112}^{(21)} - 2m_{101}^{(10)}m_{111}^{(11)}m_{211}^{(22)} - 2m_{101}^{(10)}m_{111}^{(11)}m_{112}^{(20)} + 4m_{101}^{(10)}m_{111}^{(11)}m_{103}^{(10)}\\
&+4m_{101}^{(10)}m_{111}^{(21)}m_{211}^{(21)} + 4m_{101}^{(10)}m_{111}^{(21)}m_{121}^{(20)} - 8m_{101}^{(10)}m_{111}^{(21)}m_{112}^{(10)} - 2m_{101}^{(10)}m_{111}^{(22)}m_{220}^{(21)}\\
&-2m_{101}^{(10)}m_{111}^{(22)}m_{130}^{(20)} + 4m_{101}^{(10)}m_{111}^{(22)}m_{121}^{(10)} + m_{101}^{(10)}m_{102}^{(00)}m_{040}^{(22)} - m_{101}^{(10)}m_{102}^{(00)}m_{031}^{(21)}\\
&-2m_{101}^{(10)}m_{102}^{(10)}m_{130}^{(22)} + 2m_{101}^{(10)}m_{102}^{(10)}m_{121}^{(21)} + m_{101}^{(10)}m_{102}^{(11)}m_{220}^{(22)} - m_{101}^{(10)}m_{102}^{(11)}m_{211}^{(21)}\\
&+m_{101}^{(10)}m_{030}^{(00)}m_{112}^{(22)} - m_{101}^{(10)}m_{030}^{(00)}m_{013}^{(20)} - 2m_{101}^{(10)}m_{030}^{(10)}m_{202}^{(22)} + 2m_{101}^{(10)}m_{030}^{(10)}m_{103}^{(20)}\\
&+2m_{101}^{(10)}m_{030}^{(21)}m_{301}^{(22)} - 2m_{101}^{(10)}m_{030}^{(21)}m_{202}^{(20)} - m_{101}^{(10)}m_{030}^{(22)}m_{310}^{(22)} + m_{101}^{(10)}m_{030}^{(22)}m_{211}^{(20)}\\
&-2m_{101}^{(10)}m_{021}^{(00)}m_{121}^{(22)} - m_{101}^{(10)}m_{021}^{(00)}m_{112}^{(21)} + m_{101}^{(10)}m_{021}^{(00)}m_{022}^{(20)} + 2m_{101}^{(10)}m_{021}^{(00)}m_{013}^{(10)}\\
&+4m_{101}^{(10)}m_{021}^{(10)}m_{211}^{(22)} + 2m_{101}^{(10)}m_{021}^{(10)}m_{202}^{(21)} - 2m_{101}^{(10)}m_{021}^{(10)}m_{112}^{(20)} - 4m_{101}^{(10)}m_{021}^{(10)}m_{103}^{(10)}\\
&-2m_{101}^{(10)}m_{021}^{(11)}m_{301}^{(22)} + 2m_{101}^{(10)}m_{021}^{(11)}m_{202}^{(20)} - 2m_{101}^{(10)}m_{021}^{(21)}m_{301}^{(21)} - 2m_{101}^{(10)}m_{021}^{(21)}m_{211}^{(20)}\\
&+4m_{101}^{(10)}m_{021}^{(21)}m_{202}^{(10)} + m_{101}^{(10)}m_{021}^{(22)}m_{310}^{(21)} + m_{101}^{(10)}m_{021}^{(22)}m_{220}^{(20)} - 2m_{101}^{(10)}m_{021}^{(22)}m_{211}^{(10)}\\
&+m_{101}^{(10)}m_{012}^{(00)}m_{130}^{(22)} + 2m_{101}^{(10)}m_{012}^{(00)}m_{121}^{(21)} + m_{101}^{(10)}m_{012}^{(00)}m_{031}^{(20)} - 4m_{101}^{(10)}m_{012}^{(00)}m_{022}^{(10)}\\
&-2m_{101}^{(10)}m_{012}^{(10)}m_{220}^{(22)} - 4m_{101}^{(10)}m_{012}^{(10)}m_{211}^{(21)} - 2m_{101}^{(10)}m_{012}^{(10)}m_{121}^{(20)} + 8m_{101}^{(10)}m_{012}^{(10)}m_{112}^{(10)}\\
&+m_{101}^{(10)}m_{012}^{(11)}m_{310}^{(22)} + 2m_{101}^{(10)}m_{012}^{(11)}m_{301}^{(21)} + m_{101}^{(10)}m_{012}^{(11)}m_{211}^{(20)} - 4m_{101}^{(10)}m_{012}^{(11)}m_{202}^{(10)}\\
&-m_{101}^{(10)}m_{003}^{(00)}m_{130}^{(21)} - m_{101}^{(10)}m_{003}^{(00)}m_{040}^{(20)} + 2m_{101}^{(10)}m_{003}^{(00)}m_{031}^{(10)} + 2m_{101}^{(10)}m_{003}^{(10)}m_{220}^{(21)}\\
&+2m_{101}^{(10)}m_{003}^{(10)}m_{130}^{(20)} - 4m_{101}^{(10)}m_{003}^{(10)}m_{121}^{(10)} - m_{101}^{(10)}m_{003}^{(11)}m_{310}^{(21)} - m_{101}^{(10)}m_{003}^{(11)}m_{220}^{(20)}\\
&+2m_{101}^{(10)}m_{003}^{(11)}m_{211}^{(10)} + m_{101}^{(11)}m_{300}^{(11)}m_{112}^{(22)} - m_{101}^{(11)}m_{300}^{(11)}m_{013}^{(20)} - 2m_{101}^{(11)}m_{300}^{(21)}m_{121}^{(22)}\\
&+2m_{101}^{(11)}m_{300}^{(21)}m_{022}^{(20)} + m_{101}^{(11)}m_{300}^{(22)}m_{130}^{(22)} - m_{101}^{(11)}m_{300}^{(22)}m_{031}^{(20)} - 2m_{101}^{(11)}m_{210}^{(11)}m_{202}^{(22)}\\
&+2m_{101}^{(11)}m_{210}^{(11)}m_{103}^{(20)} + 4m_{101}^{(11)}m_{210}^{(21)}m_{211}^{(22)} - 4m_{101}^{(11)}m_{210}^{(21)}m_{112}^{(20)} - 2m_{101}^{(11)}m_{210}^{(22)}m_{220}^{(22)}\\
&+2m_{101}^{(11)}m_{210}^{(22)}m_{121}^{(20)} - m_{101}^{(11)}m_{201}^{(11)}m_{112}^{(20)} + m_{101}^{(11)}m_{201}^{(11)}m_{013}^{(00)} + 2m_{101}^{(11)}m_{201}^{(21)}m_{121}^{(20)}\\
&-2m_{101}^{(11)}m_{201}^{(21)}m_{022}^{(00)} - m_{101}^{(11)}m_{201}^{(22)}m_{130}^{(20)} + m_{101}^{(11)}m_{201}^{(22)}m_{031}^{(00)} - m_{101}^{(11)}m_{120}^{(00)}m_{112}^{(22)}\\
&+m_{101}^{(11)}m_{120}^{(00)}m_{013}^{(20)} + 2m_{101}^{(11)}m_{120}^{(10)}m_{202}^{(22)} - 2m_{101}^{(11)}m_{120}^{(10)}m_{103}^{(20)} - 2m_{101}^{(11)}m_{120}^{(21)}m_{301}^{(22)}\\
&+2m_{101}^{(11)}m_{120}^{(21)}m_{202}^{(20)} + m_{101}^{(11)}m_{120}^{(22)}m_{310}^{(22)} - m_{101}^{(11)}m_{120}^{(22)}m_{211}^{(20)} + 2m_{101}^{(11)}m_{111}^{(00)}m_{121}^{(22)}\\
&-2m_{101}^{(11)}m_{111}^{(00)}m_{022}^{(20)} - 4m_{101}^{(11)}m_{111}^{(10)}m_{211}^{(22)} + 4m_{101}^{(11)}m_{111}^{(10)}m_{112}^{(20)} + 2m_{101}^{(11)}m_{111}^{(11)}m_{301}^{(22)}\\
&-2m_{101}^{(11)}m_{111}^{(11)}m_{103}^{(00)} - 4m_{101}^{(11)}m_{111}^{(21)}m_{211}^{(20)} + 4m_{101}^{(11)}m_{111}^{(21)}m_{112}^{(00)} + 2m_{101}^{(11)}m_{111}^{(22)}m_{220}^{(20)}\\
&-2m_{101}^{(11)}m_{111}^{(22)}m_{121}^{(00)} - m_{101}^{(11)}m_{102}^{(00)}m_{130}^{(22)} + m_{101}^{(11)}m_{102}^{(00)}m_{031}^{(20)} + 2m_{101}^{(11)}m_{102}^{(10)}m_{220}^{(22)}\\
&-2m_{101}^{(11)}m_{102}^{(10)}m_{121}^{(20)} - m_{101}^{(11)}m_{102}^{(11)}m_{310}^{(22)} + m_{101}^{(11)}m_{102}^{(11)}m_{211}^{(20)} + m_{101}^{(11)}m_{021}^{(00)}m_{112}^{(20)}\\
&-m_{101}^{(11)}m_{021}^{(00)}m_{013}^{(00)} - 2m_{101}^{(11)}m_{021}^{(10)}m_{202}^{(20)} + 2m_{101}^{(11)}m_{021}^{(10)}m_{103}^{(00)} + 2m_{101}^{(11)}m_{021}^{(21)}m_{301}^{(20)}\\
&-2m_{101}^{(11)}m_{021}^{(21)}m_{202}^{(00)} - m_{101}^{(11)}m_{021}^{(22)}m_{310}^{(20)} + m_{101}^{(11)}m_{021}^{(22)}m_{211}^{(00)} - 2m_{101}^{(11)}m_{012}^{(00)}m_{121}^{(20)}\\
&+2m_{101}^{(11)}m_{012}^{(00)}m_{022}^{(00)} + 4m_{101}^{(11)}m_{012}^{(10)}m_{211}^{(20)} - 4m_{101}^{(11)}m_{012}^{(10)}m_{112}^{(00)} - 2m_{101}^{(11)}m_{012}^{(11)}m_{301}^{(20)}\\
&+2m_{101}^{(11)}m_{012}^{(11)}m_{202}^{(00)} + m_{101}^{(11)}m_{003}^{(00)}m_{130}^{(20)} - m_{101}^{(11)}m_{003}^{(00)}m_{031}^{(00)} - 2m_{101}^{(11)}m_{003}^{(10)}m_{220}^{(20)}\\
&+2m_{101}^{(11)}m_{003}^{(10)}m_{121}^{(00)} + m_{101}^{(11)}m_{003}^{(11)}m_{310}^{(20)} - m_{101}^{(11)}m_{003}^{(11)}m_{211}^{(00)} + m_{101}^{(20)}m_{300}^{(11)}m_{022}^{(21)}\\
&-m_{101}^{(20)}m_{300}^{(11)}m_{013}^{(11)} - 2m_{101}^{(20)}m_{300}^{(21)}m_{031}^{(21)} + 2m_{101}^{(20)}m_{300}^{(21)}m_{022}^{(11)} + m_{101}^{(20)}m_{300}^{(22)}m_{040}^{(21)}\\
&-m_{101}^{(20)}m_{300}^{(22)}m_{031}^{(11)} - m_{101}^{(20)}m_{210}^{(11)}m_{112}^{(21)} + 2m_{101}^{(20)}m_{210}^{(11)}m_{103}^{(11)} - 2m_{101}^{(20)}m_{210}^{(11)}m_{022}^{(20)}\\
&+m_{101}^{(20)}m_{210}^{(11)}m_{013}^{(10)} + 2m_{101}^{(20)}m_{210}^{(21)}m_{121}^{(21)} - 4m_{101}^{(20)}m_{210}^{(21)}m_{112}^{(11)} + 4m_{101}^{(20)}m_{210}^{(21)}m_{031}^{(20)}\\
&-2m_{101}^{(20)}m_{210}^{(21)}m_{022}^{(10)} - m_{101}^{(20)}m_{210}^{(22)}m_{130}^{(21)} + 2m_{101}^{(20)}m_{210}^{(22)}m_{121}^{(11)} - 2m_{101}^{(20)}m_{210}^{(22)}m_{040}^{(20)}\\
&+m_{101}^{(20)}m_{210}^{(22)}m_{031}^{(10)} - m_{101}^{(20)}m_{201}^{(11)}m_{112}^{(11)} + m_{101}^{(20)}m_{201}^{(11)}m_{022}^{(10)} + 2m_{101}^{(20)}m_{201}^{(21)}m_{121}^{(11)}\\
&-2m_{101}^{(20)}m_{201}^{(21)}m_{031}^{(10)} - m_{101}^{(20)}m_{201}^{(22)}m_{130}^{(11)} + m_{101}^{(20)}m_{201}^{(22)}m_{040}^{(10)} - m_{101}^{(20)}m_{120}^{(00)}m_{022}^{(21)}
\end{aligned}
$$

$$+m_{101}^{(20)}m_{120}^{(00)}m_{013}^{(11)}+2m_{101}^{(20)}m_{120}^{(10)}m_{112}^{(21)}-2m_{101}^{(20)}m_{120}^{(10)}m_{103}^{(11)}-2m_{101}^{(20)}m_{120}^{(11)}m_{202}^{(21)}$$
$$+4m_{101}^{(20)}m_{120}^{(11)}m_{112}^{(20)}-2m_{101}^{(20)}m_{120}^{(11)}m_{103}^{(10)}+2m_{101}^{(20)}m_{120}^{(21)}m_{211}^{(21)}+2m_{101}^{(20)}m_{120}^{(21)}m_{202}^{(11)}$$
$$-8m_{101}^{(20)}m_{120}^{(21)}m_{121}^{(20)}+4m_{101}^{(20)}m_{120}^{(21)}m_{112}^{(10)}-m_{101}^{(20)}m_{120}^{(22)}m_{220}^{(21)}-m_{101}^{(20)}m_{120}^{(22)}m_{211}^{(11)}$$
$$+4m_{101}^{(20)}m_{120}^{(22)}m_{130}^{(20)}-2m_{101}^{(20)}m_{120}^{(22)}m_{121}^{(10)}+2m_{101}^{(20)}m_{111}^{(00)}m_{031}^{(21)}-2m_{101}^{(20)}m_{111}^{(00)}m_{022}^{(11)}$$
$$-4m_{101}^{(20)}m_{111}^{(10)}m_{121}^{(21)}+4m_{101}^{(20)}m_{111}^{(10)}m_{112}^{(11)}+2m_{101}^{(20)}m_{111}^{(11)}m_{211}^{(21)}-2m_{101}^{(20)}m_{111}^{(11)}m_{112}^{(10)}$$
$$-4m_{101}^{(20)}m_{111}^{(21)}m_{211}^{(11)}+4m_{101}^{(20)}m_{111}^{(21)}m_{121}^{(10)}+2m_{101}^{(20)}m_{111}^{(22)}m_{220}^{(11)}-2m_{101}^{(20)}m_{111}^{(22)}m_{130}^{(10)}$$
$$-m_{101}^{(20)}m_{102}^{(00)}m_{040}^{(21)}+m_{101}^{(20)}m_{102}^{(00)}m_{031}^{(11)}+2m_{101}^{(20)}m_{102}^{(10)}m_{130}^{(21)}-2m_{101}^{(20)}m_{102}^{(10)}m_{121}^{(11)}$$
$$-m_{101}^{(20)}m_{102}^{(11)}m_{220}^{(21)}+m_{101}^{(20)}m_{102}^{(11)}m_{211}^{(11)}-m_{101}^{(20)}m_{030}^{(00)}m_{112}^{(21)}+2m_{101}^{(20)}m_{030}^{(00)}m_{022}^{(20)}$$
$$-m_{101}^{(20)}m_{030}^{(00)}m_{013}^{(10)}+2m_{101}^{(20)}m_{030}^{(10)}m_{202}^{(21)}-4m_{101}^{(20)}m_{030}^{(10)}m_{112}^{(20)}+2m_{101}^{(20)}m_{030}^{(10)}m_{103}^{(10)}$$
$$-2m_{101}^{(20)}m_{030}^{(21)}m_{301}^{(21)}+4m_{101}^{(20)}m_{030}^{(21)}m_{211}^{(20)}-2m_{101}^{(20)}m_{030}^{(21)}m_{202}^{(10)}+m_{101}^{(20)}m_{030}^{(22)}m_{310}^{(21)}$$
$$-2m_{101}^{(20)}m_{030}^{(22)}m_{220}^{(20)}+m_{101}^{(20)}m_{030}^{(22)}m_{211}^{(10)}+2m_{101}^{(20)}m_{021}^{(00)}m_{121}^{(21)}+m_{101}^{(20)}m_{021}^{(00)}m_{112}^{(11)}$$
$$-4m_{101}^{(20)}m_{021}^{(00)}m_{031}^{(20)}+m_{101}^{(20)}m_{021}^{(00)}m_{022}^{(10)}-4m_{101}^{(20)}m_{021}^{(10)}m_{211}^{(21)}-2m_{101}^{(20)}m_{021}^{(10)}m_{202}^{(11)}$$
$$+8m_{101}^{(20)}m_{021}^{(10)}m_{121}^{(20)}-2m_{101}^{(20)}m_{021}^{(10)}m_{112}^{(10)}+2m_{101}^{(20)}m_{021}^{(11)}m_{301}^{(21)}-4m_{101}^{(20)}m_{021}^{(11)}m_{211}^{(20)}$$
$$+2m_{101}^{(20)}m_{021}^{(11)}m_{202}^{(10)}+2m_{101}^{(20)}m_{021}^{(21)}m_{301}^{(11)}-2m_{101}^{(20)}m_{021}^{(21)}m_{211}^{(10)}-m_{101}^{(20)}m_{021}^{(22)}m_{310}^{(11)}$$
$$+m_{101}^{(20)}m_{021}^{(22)}m_{220}^{(10)}-m_{101}^{(20)}m_{012}^{(00)}m_{130}^{(21)}-2m_{101}^{(20)}m_{012}^{(00)}m_{121}^{(11)}+2m_{101}^{(20)}m_{012}^{(00)}m_{040}^{(20)}$$
$$+m_{101}^{(20)}m_{012}^{(00)}m_{031}^{(10)}+2m_{101}^{(20)}m_{012}^{(10)}m_{220}^{(21)}+4m_{101}^{(20)}m_{012}^{(10)}m_{211}^{(11)}-4m_{101}^{(20)}m_{012}^{(10)}m_{130}^{(20)}$$
$$-2m_{101}^{(20)}m_{012}^{(10)}m_{121}^{(10)}-m_{101}^{(20)}m_{012}^{(11)}m_{310}^{(21)}-2m_{101}^{(20)}m_{012}^{(11)}m_{301}^{(11)}+2m_{101}^{(20)}m_{012}^{(11)}m_{220}^{(20)}$$
$$+m_{101}^{(20)}m_{012}^{(11)}m_{211}^{(10)}+m_{101}^{(20)}m_{003}^{(00)}m_{130}^{(11)}-m_{101}^{(20)}m_{003}^{(00)}m_{040}^{(10)}-2m_{101}^{(20)}m_{003}^{(10)}m_{220}^{(11)}$$
$$+2m_{101}^{(20)}m_{003}^{(10)}m_{130}^{(10)}+m_{101}^{(20)}m_{003}^{(11)}m_{310}^{(11)}-m_{101}^{(20)}m_{003}^{(11)}m_{220}^{(10)}-2m_{101}^{(21)}m_{300}^{(11)}m_{112}^{(21)}$$
$$+m_{101}^{(21)}m_{300}^{(11)}m_{022}^{(20)}+m_{101}^{(21)}m_{300}^{(11)}m_{013}^{(10)}+4m_{101}^{(21)}m_{300}^{(21)}m_{121}^{(21)}-2m_{101}^{(21)}m_{300}^{(21)}m_{031}^{(20)}$$
$$-2m_{101}^{(21)}m_{300}^{(21)}m_{022}^{(10)}-2m_{101}^{(21)}m_{300}^{(22)}m_{130}^{(21)}+m_{101}^{(21)}m_{300}^{(22)}m_{040}^{(20)}+m_{101}^{(21)}m_{300}^{(22)}m_{031}^{(10)}$$
$$+4m_{101}^{(21)}m_{210}^{(11)}m_{202}^{(21)}-m_{101}^{(21)}m_{210}^{(11)}m_{112}^{(20)}-2m_{101}^{(21)}m_{210}^{(11)}m_{103}^{(10)}-m_{101}^{(21)}m_{210}^{(11)}m_{013}^{(00)}$$
$$-8m_{101}^{(21)}m_{210}^{(21)}m_{211}^{(21)}+2m_{101}^{(21)}m_{210}^{(21)}m_{121}^{(20)}+4m_{101}^{(21)}m_{210}^{(21)}m_{112}^{(10)}+2m_{101}^{(21)}m_{210}^{(21)}m_{022}^{(00)}$$
$$+4m_{101}^{(21)}m_{210}^{(22)}m_{220}^{(21)}-m_{101}^{(21)}m_{210}^{(22)}m_{130}^{(20)}-2m_{101}^{(21)}m_{210}^{(22)}m_{121}^{(10)}-m_{101}^{(21)}m_{210}^{(22)}m_{031}^{(00)}$$
$$+m_{101}^{(21)}m_{201}^{(11)}m_{112}^{(10)}-m_{101}^{(21)}m_{201}^{(11)}m_{022}^{(00)}-2m_{101}^{(21)}m_{201}^{(21)}m_{121}^{(10)}+2m_{101}^{(21)}m_{201}^{(21)}m_{031}^{(00)}$$
$$+m_{101}^{(21)}m_{201}^{(22)}m_{130}^{(10)}-m_{101}^{(21)}m_{201}^{(22)}m_{040}^{(00)}+2m_{101}^{(21)}m_{120}^{(00)}m_{112}^{(21)}-m_{101}^{(21)}m_{120}^{(00)}m_{022}^{(20)}$$
$$-m_{101}^{(21)}m_{120}^{(00)}m_{013}^{(10)}-4m_{101}^{(21)}m_{120}^{(10)}m_{202}^{(21)}+2m_{101}^{(21)}m_{120}^{(10)}m_{112}^{(20)}+2m_{101}^{(21)}m_{120}^{(10)}m_{103}^{(10)}$$
$$-2m_{101}^{(21)}m_{120}^{(11)}m_{202}^{(20)}+2m_{101}^{(21)}m_{120}^{(11)}m_{103}^{(00)}+4m_{101}^{(21)}m_{120}^{(21)}m_{301}^{(21)}+2m_{101}^{(21)}m_{120}^{(21)}m_{211}^{(20)}$$
$$-2m_{101}^{(21)}m_{120}^{(21)}m_{202}^{(10)}-4m_{101}^{(21)}m_{120}^{(21)}m_{112}^{(00)}-2m_{101}^{(21)}m_{120}^{(22)}m_{310}^{(21)}-m_{101}^{(21)}m_{120}^{(22)}m_{220}^{(20)}$$
$$+m_{101}^{(21)}m_{120}^{(22)}m_{211}^{(10)}+2m_{101}^{(21)}m_{120}^{(22)}m_{121}^{(00)}-4m_{101}^{(21)}m_{111}^{(00)}m_{121}^{(21)}+2m_{101}^{(21)}m_{111}^{(00)}m_{031}^{(20)}$$
$$+2m_{101}^{(21)}m_{111}^{(00)}m_{022}^{(10)}+8m_{101}^{(21)}m_{111}^{(10)}m_{211}^{(21)}-4m_{101}^{(21)}m_{111}^{(10)}m_{121}^{(20)}-4m_{101}^{(21)}m_{111}^{(10)}m_{112}^{(10)}$$
$$-4m_{101}^{(21)}m_{111}^{(11)}m_{301}^{(21)}+2m_{101}^{(21)}m_{111}^{(11)}m_{211}^{(20)}+2m_{101}^{(21)}m_{111}^{(11)}m_{112}^{(00)}+4m_{101}^{(21)}m_{111}^{(21)}m_{211}^{(10)}$$
$$-4m_{101}^{(21)}m_{111}^{(21)}m_{121}^{(00)}-2m_{101}^{(21)}m_{111}^{(22)}m_{220}^{(10)}+2m_{101}^{(21)}m_{111}^{(22)}m_{130}^{(00)}+2m_{101}^{(21)}m_{102}^{(00)}m_{130}^{(21)}$$
$$-m_{101}^{(21)}m_{102}^{(00)}m_{040}^{(20)}-m_{101}^{(21)}m_{102}^{(00)}m_{031}^{(10)}-4m_{101}^{(21)}m_{102}^{(10)}m_{220}^{(21)}+2m_{101}^{(21)}m_{102}^{(10)}m_{130}^{(20)}$$
$$+2m_{101}^{(21)}m_{102}^{(10)}m_{121}^{(10)}+2m_{101}^{(21)}m_{102}^{(11)}m_{310}^{(21)}-m_{101}^{(21)}m_{102}^{(11)}m_{220}^{(20)}-m_{101}^{(21)}m_{102}^{(11)}m_{211}^{(10)}$$
$$-m_{101}^{(21)}m_{030}^{(00)}m_{112}^{(20)}+m_{101}^{(21)}m_{030}^{(00)}m_{013}^{(00)}+2m_{101}^{(21)}m_{030}^{(10)}m_{202}^{(20)}-2m_{101}^{(21)}m_{030}^{(10)}m_{103}^{(00)}$$
$$-2m_{101}^{(21)}m_{030}^{(21)}m_{301}^{(20)}+2m_{101}^{(21)}m_{030}^{(21)}m_{202}^{(00)}+m_{101}^{(21)}m_{030}^{(22)}m_{310}^{(20)}-m_{101}^{(21)}m_{030}^{(22)}m_{211}^{(00)}$$
$$+2m_{101}^{(21)}m_{021}^{(00)}m_{121}^{(20)}-m_{101}^{(21)}m_{021}^{(00)}m_{112}^{(10)}-m_{101}^{(21)}m_{021}^{(00)}m_{022}^{(00)}-4m_{101}^{(21)}m_{021}^{(10)}m_{211}^{(20)}$$

$$
\begin{aligned}
&+2m_{101}^{(21)}m_{021}^{(10)}m_{202}^{(10)}+2m_{101}^{(21)}m_{021}^{(10)}m_{112}^{(00)}+2m_{101}^{(21)}m_{021}^{(11)}m_{301}^{(20)}-2m_{101}^{(21)}m_{021}^{(11)}m_{202}^{(00)}\\
&-2m_{101}^{(21)}m_{021}^{(21)}m_{301}^{(10)}+2m_{101}^{(21)}m_{021}^{(21)}m_{211}^{(00)}+m_{101}^{(21)}m_{021}^{(22)}m_{310}^{(10)}-m_{101}^{(21)}m_{021}^{(22)}m_{220}^{(00)}\\
&-m_{101}^{(21)}m_{012}^{(00)}m_{130}^{(20)}+2m_{101}^{(21)}m_{012}^{(00)}m_{121}^{(10)}-m_{101}^{(21)}m_{012}^{(00)}m_{031}^{(00)}+2m_{101}^{(21)}m_{012}^{(10)}m_{220}^{(20)}\\
&-4m_{101}^{(21)}m_{012}^{(10)}m_{211}^{(10)}+2m_{101}^{(21)}m_{012}^{(10)}m_{121}^{(00)}-m_{101}^{(21)}m_{012}^{(11)}m_{310}^{(20)}+2m_{101}^{(21)}m_{012}^{(11)}m_{301}^{(10)}\\
&-m_{101}^{(21)}m_{012}^{(11)}m_{211}^{(00)}-m_{101}^{(21)}m_{003}^{(00)}m_{130}^{(10)}+m_{101}^{(21)}m_{003}^{(00)}m_{040}^{(00)}+2m_{101}^{(21)}m_{003}^{(10)}m_{220}^{(10)}\\
&-2m_{101}^{(21)}m_{003}^{(10)}m_{130}^{(00)}-m_{101}^{(21)}m_{003}^{(11)}m_{310}^{(10)}+m_{101}^{(21)}m_{003}^{(11)}m_{220}^{(00)}+m_{101}^{(22)}m_{300}^{(11)}m_{112}^{(11)}\\
&-m_{101}^{(22)}m_{300}^{(11)}m_{022}^{(10)}-2m_{101}^{(22)}m_{300}^{(21)}m_{121}^{(11)}+2m_{101}^{(22)}m_{300}^{(21)}m_{031}^{(10)}+m_{101}^{(22)}m_{300}^{(22)}m_{130}^{(11)}\\
&-m_{101}^{(22)}m_{300}^{(22)}m_{040}^{(10)}-2m_{101}^{(22)}m_{210}^{(11)}m_{202}^{(11)}+m_{101}^{(22)}m_{210}^{(11)}m_{112}^{(10)}+m_{101}^{(22)}m_{210}^{(11)}m_{022}^{(00)}\\
&+4m_{101}^{(22)}m_{210}^{(21)}m_{211}^{(11)}-2m_{101}^{(22)}m_{210}^{(21)}m_{121}^{(10)}-2m_{101}^{(22)}m_{210}^{(21)}m_{031}^{(00)}-2m_{101}^{(22)}m_{210}^{(22)}m_{220}^{(11)}\\
&+m_{101}^{(22)}m_{210}^{(22)}m_{130}^{(10)}+m_{101}^{(22)}m_{210}^{(22)}m_{040}^{(00)}-m_{101}^{(22)}m_{120}^{(00)}m_{112}^{(11)}+m_{101}^{(22)}m_{120}^{(00)}m_{022}^{(10)}\\
&+2m_{101}^{(22)}m_{120}^{(10)}m_{202}^{(11)}-2m_{101}^{(22)}m_{120}^{(10)}m_{112}^{(10)}+2m_{101}^{(22)}m_{120}^{(11)}m_{202}^{(10)}-2m_{101}^{(22)}m_{120}^{(11)}m_{112}^{(00)}\\
&-2m_{101}^{(22)}m_{120}^{(21)}m_{301}^{(11)}-2m_{101}^{(22)}m_{120}^{(21)}m_{211}^{(10)}+4m_{101}^{(22)}m_{120}^{(21)}m_{121}^{(00)}+m_{101}^{(22)}m_{120}^{(22)}m_{310}^{(11)}\\
&+m_{101}^{(22)}m_{120}^{(22)}m_{220}^{(10)}-2m_{101}^{(22)}m_{120}^{(22)}m_{130}^{(00)}+2m_{101}^{(22)}m_{111}^{(00)}m_{121}^{(11)}-2m_{101}^{(22)}m_{111}^{(00)}m_{031}^{(10)}\\
&-4m_{101}^{(22)}m_{111}^{(10)}m_{211}^{(11)}+4m_{101}^{(22)}m_{111}^{(10)}m_{121}^{(10)}+2m_{101}^{(22)}m_{111}^{(11)}m_{301}^{(11)}-2m_{101}^{(22)}m_{111}^{(11)}m_{211}^{(10)}\\
&-m_{101}^{(22)}m_{102}^{(00)}m_{130}^{(11)}+m_{101}^{(22)}m_{102}^{(00)}m_{040}^{(10)}+2m_{101}^{(22)}m_{102}^{(10)}m_{220}^{(11)}-2m_{101}^{(22)}m_{102}^{(10)}m_{130}^{(10)}\\
&-m_{101}^{(22)}m_{102}^{(11)}m_{310}^{(11)}+m_{101}^{(22)}m_{102}^{(11)}m_{220}^{(10)}+m_{101}^{(22)}m_{030}^{(00)}m_{112}^{(10)}-m_{101}^{(22)}m_{030}^{(00)}m_{022}^{(00)}\\
&-2m_{101}^{(22)}m_{030}^{(10)}m_{202}^{(10)}+2m_{101}^{(22)}m_{030}^{(10)}m_{112}^{(00)}+2m_{101}^{(22)}m_{030}^{(21)}m_{301}^{(10)}-2m_{101}^{(22)}m_{030}^{(21)}m_{211}^{(00)}\\
&-m_{101}^{(22)}m_{030}^{(22)}m_{310}^{(10)}+m_{101}^{(22)}m_{030}^{(22)}m_{220}^{(00)}-2m_{101}^{(22)}m_{021}^{(00)}m_{121}^{(10)}+2m_{101}^{(22)}m_{021}^{(00)}m_{031}^{(00)}\\
&+4m_{101}^{(22)}m_{021}^{(10)}m_{211}^{(10)}-4m_{101}^{(22)}m_{021}^{(10)}m_{121}^{(00)}-2m_{101}^{(22)}m_{021}^{(11)}m_{301}^{(10)}+2m_{101}^{(22)}m_{021}^{(11)}m_{211}^{(00)}\\
&+m_{101}^{(22)}m_{012}^{(00)}m_{130}^{(10)}-m_{101}^{(22)}m_{012}^{(00)}m_{040}^{(00)}-2m_{101}^{(22)}m_{012}^{(10)}m_{220}^{(10)}+2m_{101}^{(22)}m_{012}^{(10)}m_{130}^{(00)}\\
&+m_{101}^{(22)}m_{012}^{(11)}m_{310}^{(10)}-m_{101}^{(22)}m_{012}^{(11)}m_{220}^{(00)}+m_{020}^{(00)}m_{210}^{(10)}m_{013}^{(22)}-m_{020}^{(00)}m_{210}^{(10)}m_{004}^{(21)}\\
&-m_{020}^{(00)}m_{210}^{(20)}m_{022}^{(22)}+m_{020}^{(00)}m_{210}^{(20)}m_{013}^{(21)}-m_{020}^{(00)}m_{210}^{(21)}m_{112}^{(22)}+m_{020}^{(00)}m_{210}^{(21)}m_{103}^{(21)}\\
&+m_{020}^{(00)}m_{210}^{(22)}m_{121}^{(22)}-m_{020}^{(00)}m_{210}^{(22)}m_{112}^{(21)}-m_{020}^{(00)}m_{201}^{(10)}m_{013}^{(21)}+m_{020}^{(00)}m_{201}^{(10)}m_{004}^{(11)}\\
&+m_{020}^{(00)}m_{201}^{(20)}m_{022}^{(21)}-m_{020}^{(00)}m_{201}^{(20)}m_{013}^{(11)}+m_{020}^{(00)}m_{201}^{(21)}m_{112}^{(21)}-m_{020}^{(00)}m_{201}^{(21)}m_{103}^{(11)}\\
&-m_{020}^{(00)}m_{201}^{(22)}m_{121}^{(21)}+m_{020}^{(00)}m_{201}^{(22)}m_{112}^{(11)}-m_{020}^{(00)}m_{120}^{(00)}m_{013}^{(22)}+m_{020}^{(00)}m_{120}^{(00)}m_{004}^{(21)}\\
&+2m_{020}^{(00)}m_{120}^{(20)}m_{112}^{(22)}-2m_{020}^{(00)}m_{120}^{(20)}m_{103}^{(21)}-m_{020}^{(00)}m_{120}^{(22)}m_{211}^{(22)}+m_{020}^{(00)}m_{120}^{(22)}m_{202}^{(21)}\\
&+m_{020}^{(00)}m_{111}^{(00)}m_{022}^{(22)}-m_{020}^{(00)}m_{111}^{(00)}m_{004}^{(11)}-2m_{020}^{(00)}m_{111}^{(10)}m_{112}^{(22)}+2m_{020}^{(00)}m_{111}^{(10)}m_{103}^{(21)}\\
&-2m_{020}^{(00)}m_{111}^{(20)}m_{112}^{(21)}+2m_{020}^{(00)}m_{111}^{(20)}m_{103}^{(11)}+2m_{020}^{(00)}m_{111}^{(21)}m_{211}^{(22)}-2m_{020}^{(00)}m_{111}^{(21)}m_{202}^{(21)}\\
&-m_{020}^{(00)}m_{111}^{(22)}m_{220}^{(22)}+2m_{020}^{(00)}m_{111}^{(22)}m_{211}^{(21)}-m_{020}^{(00)}m_{111}^{(22)}m_{202}^{(11)}-m_{020}^{(00)}m_{102}^{(00)}m_{022}^{(21)}\\
&+m_{020}^{(00)}m_{102}^{(00)}m_{013}^{(11)}+2m_{020}^{(00)}m_{102}^{(10)}m_{112}^{(21)}-2m_{020}^{(00)}m_{102}^{(10)}m_{103}^{(11)}-2m_{020}^{(00)}m_{102}^{(21)}m_{211}^{(21)}\\
&+2m_{020}^{(00)}m_{102}^{(21)}m_{202}^{(11)}+m_{020}^{(00)}m_{102}^{(22)}m_{220}^{(21)}-m_{020}^{(00)}m_{102}^{(22)}m_{211}^{(11)}+m_{020}^{(00)}m_{021}^{(00)}m_{112}^{(22)}\\
&-m_{020}^{(00)}m_{021}^{(00)}m_{103}^{(21)}-2m_{020}^{(00)}m_{021}^{(20)}m_{211}^{(22)}+2m_{020}^{(00)}m_{021}^{(20)}m_{202}^{(21)}+m_{020}^{(00)}m_{021}^{(22)}m_{310}^{(22)}\\
&-m_{020}^{(00)}m_{021}^{(22)}m_{301}^{(21)}-m_{020}^{(00)}m_{012}^{(00)}m_{121}^{(22)}+m_{020}^{(00)}m_{012}^{(00)}m_{103}^{(11)}+m_{020}^{(00)}m_{012}^{(10)}m_{211}^{(22)}\\
&-m_{020}^{(00)}m_{012}^{(10)}m_{202}^{(21)}+m_{020}^{(00)}m_{012}^{(20)}m_{220}^{(22)}+m_{020}^{(00)}m_{012}^{(20)}m_{211}^{(21)}-2m_{020}^{(00)}m_{012}^{(20)}m_{202}^{(11)}\\
&-m_{020}^{(00)}m_{012}^{(21)}m_{310}^{(22)}+m_{020}^{(00)}m_{012}^{(21)}m_{301}^{(21)}-m_{020}^{(00)}m_{012}^{(22)}m_{310}^{(21)}+m_{020}^{(00)}m_{012}^{(22)}m_{301}^{(11)}\\
&+m_{020}^{(00)}m_{003}^{(00)}m_{121}^{(21)}-m_{020}^{(00)}m_{003}^{(00)}m_{112}^{(11)}-m_{020}^{(00)}m_{003}^{(10)}m_{211}^{(21)}+m_{020}^{(00)}m_{003}^{(10)}m_{202}^{(11)}\\
&-m_{020}^{(00)}m_{003}^{(20)}m_{220}^{(21)}+m_{020}^{(00)}m_{003}^{(20)}m_{211}^{(11)}+m_{020}^{(00)}m_{003}^{(21)}m_{310}^{(21)}-m_{020}^{(00)}m_{003}^{(21)}m_{301}^{(11)}\\
&-m_{020}^{(10)}m_{300}^{(10)}m_{013}^{(22)}+m_{020}^{(10)}m_{300}^{(10)}m_{004}^{(21)}+m_{020}^{(10)}m_{300}^{(20)}m_{022}^{(22)}-m_{020}^{(10)}m_{300}^{(20)}m_{013}^{(21)}
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\begin{aligned}
&+m_{020}^{(10)}m_{300}^{(21)}m_{112}^{(22)} - m_{020}^{(10)}m_{300}^{(21)}m_{103}^{(21)} - m_{020}^{(10)}m_{300}^{(22)}m_{121}^{(22)} + m_{020}^{(10)}m_{300}^{(22)}m_{112}^{(21)}\\
&+m_{020}^{(10)}m_{210}^{(00)}m_{013}^{(22)} - m_{020}^{(10)}m_{210}^{(00)}m_{004}^{(21)} - m_{020}^{(10)}m_{210}^{(10)}m_{103}^{(22)} + m_{020}^{(10)}m_{210}^{(10)}m_{004}^{(20)}\\
&-m_{020}^{(10)}m_{210}^{(20)}m_{112}^{(22)} + 2m_{020}^{(10)}m_{210}^{(20)}m_{103}^{(21)} - m_{020}^{(10)}m_{210}^{(20)}m_{013}^{(20)} + m_{020}^{(10)}m_{210}^{(21)}m_{202}^{(22)}\\
&-m_{020}^{(10)}m_{210}^{(21)}m_{103}^{(20)} - m_{020}^{(10)}m_{210}^{(22)}m_{202}^{(21)} + m_{020}^{(10)}m_{210}^{(22)}m_{112}^{(20)} - m_{020}^{(10)}m_{201}^{(00)}m_{022}^{(22)}\\
&+m_{020}^{(10)}m_{201}^{(00)}m_{013}^{(21)} + 2m_{020}^{(10)}m_{201}^{(10)}m_{112}^{(22)} - m_{020}^{(10)}m_{201}^{(10)}m_{103}^{(21)} + m_{020}^{(10)}m_{201}^{(10)}m_{013}^{(20)}\\
&-2m_{020}^{(10)}m_{201}^{(10)}m_{004}^{(10)} - m_{020}^{(10)}m_{201}^{(20)}m_{112}^{(21)} - m_{020}^{(10)}m_{201}^{(20)}m_{022}^{(20)} + 2m_{020}^{(10)}m_{201}^{(20)}m_{013}^{(10)}\\
&-2m_{020}^{(10)}m_{201}^{(21)}m_{211}^{(22)} + m_{020}^{(10)}m_{201}^{(21)}m_{202}^{(21)} - m_{020}^{(10)}m_{201}^{(21)}m_{112}^{(20)} + 2m_{020}^{(10)}m_{201}^{(21)}m_{103}^{(10)}\\
&+m_{020}^{(10)}m_{201}^{(22)}m_{220}^{(22)} + m_{020}^{(10)}m_{201}^{(22)}m_{121}^{(20)} - 2m_{020}^{(10)}m_{201}^{(22)}m_{112}^{(10)} + m_{020}^{(10)}m_{120}^{(00)}m_{103}^{(22)}\\
&-m_{020}^{(10)}m_{120}^{(00)}m_{004}^{(20)} - 2m_{020}^{(10)}m_{120}^{(20)}m_{202}^{(22)} + 2m_{020}^{(10)}m_{120}^{(20)}m_{103}^{(20)} + m_{020}^{(10)}m_{120}^{(22)}m_{301}^{(22)}\\
&-m_{020}^{(10)}m_{120}^{(22)}m_{202}^{(20)} - 2m_{020}^{(10)}m_{111}^{(00)}m_{112}^{(22)} + 2m_{020}^{(10)}m_{111}^{(00)}m_{004}^{(10)} + 2m_{020}^{(10)}m_{111}^{(10)}m_{202}^{(22)}\\
&-2m_{020}^{(10)}m_{111}^{(10)}m_{103}^{(20)} + 2m_{020}^{(10)}m_{111}^{(20)}m_{211}^{(22)} + 2m_{020}^{(10)}m_{111}^{(20)}m_{112}^{(20)} - 4m_{020}^{(10)}m_{111}^{(20)}m_{103}^{(10)}\\
&-2m_{020}^{(10)}m_{111}^{(21)}m_{301}^{(22)} + 2m_{020}^{(10)}m_{111}^{(21)}m_{202}^{(20)} - 2m_{020}^{(10)}m_{111}^{(22)}m_{211}^{(20)} + 2m_{020}^{(10)}m_{111}^{(22)}m_{202}^{(10)}\\
&+m_{020}^{(10)}m_{102}^{(00)}m_{121}^{(22)} + m_{020}^{(10)}m_{102}^{(00)}m_{022}^{(20)} - 2m_{020}^{(10)}m_{102}^{(00)}m_{013}^{(10)} - m_{020}^{(10)}m_{102}^{(10)}m_{211}^{(22)}\\
&-m_{020}^{(10)}m_{102}^{(10)}m_{202}^{(21)} - 2m_{020}^{(10)}m_{102}^{(10)}m_{112}^{(20)} + 4m_{020}^{(10)}m_{102}^{(10)}m_{103}^{(10)} - m_{020}^{(10)}m_{102}^{(20)}m_{220}^{(22)}\\
&+m_{020}^{(10)}m_{102}^{(20)}m_{211}^{(21)} + m_{020}^{(10)}m_{102}^{(21)}m_{310}^{(22)} + m_{020}^{(10)}m_{102}^{(21)}m_{301}^{(21)} + 2m_{020}^{(10)}m_{102}^{(21)}m_{211}^{(20)}\\
&-4m_{020}^{(10)}m_{102}^{(21)}m_{202}^{(10)} - m_{020}^{(10)}m_{102}^{(22)}m_{310}^{(21)} - m_{020}^{(10)}m_{102}^{(22)}m_{220}^{(20)} + 2m_{020}^{(10)}m_{102}^{(22)}m_{211}^{(10)}\\
&-m_{020}^{(10)}m_{021}^{(00)}m_{202}^{(22)} + m_{020}^{(10)}m_{021}^{(00)}m_{103}^{(20)} + 2m_{020}^{(10)}m_{021}^{(20)}m_{301}^{(22)} - 2m_{020}^{(10)}m_{021}^{(20)}m_{202}^{(20)}\\
&-m_{020}^{(10)}m_{021}^{(22)}m_{400}^{(22)} + m_{020}^{(10)}m_{021}^{(22)}m_{301}^{(20)} + m_{020}^{(10)}m_{012}^{(00)}m_{211}^{(22)} + m_{020}^{(10)}m_{012}^{(00)}m_{202}^{(21)}\\
&-2m_{020}^{(10)}m_{012}^{(00)}m_{103}^{(10)} - m_{020}^{(10)}m_{012}^{(10)}m_{301}^{(22)} + m_{020}^{(10)}m_{012}^{(10)}m_{202}^{(20)} - m_{020}^{(10)}m_{012}^{(20)}m_{310}^{(22)}\\
&-2m_{020}^{(10)}m_{012}^{(20)}m_{301}^{(21)} - m_{020}^{(10)}m_{012}^{(20)}m_{211}^{(20)} + 4m_{020}^{(10)}m_{012}^{(20)}m_{202}^{(10)} + m_{020}^{(10)}m_{012}^{(21)}m_{400}^{(22)}\\
&-m_{020}^{(10)}m_{012}^{(21)}m_{301}^{(20)} + m_{020}^{(10)}m_{012}^{(22)}m_{400}^{(21)} + m_{020}^{(10)}m_{012}^{(22)}m_{310}^{(20)} - 2m_{020}^{(10)}m_{012}^{(22)}m_{301}^{(10)}\\
&-m_{020}^{(10)}m_{003}^{(00)}m_{211}^{(21)} - m_{020}^{(10)}m_{003}^{(00)}m_{121}^{(20)} + 2m_{020}^{(10)}m_{003}^{(00)}m_{112}^{(10)} + m_{020}^{(10)}m_{003}^{(10)}m_{301}^{(21)}\\
&+m_{020}^{(10)}m_{003}^{(10)}m_{211}^{(20)} - 2m_{020}^{(10)}m_{003}^{(10)}m_{202}^{(10)} + m_{020}^{(10)}m_{003}^{(20)}m_{310}^{(21)} + m_{020}^{(10)}m_{003}^{(20)}m_{220}^{(20)}\\
&-2m_{020}^{(10)}m_{003}^{(20)}m_{211}^{(10)} - m_{020}^{(10)}m_{003}^{(21)}m_{400}^{(21)} - m_{020}^{(10)}m_{003}^{(21)}m_{310}^{(20)} + 2m_{020}^{(10)}m_{003}^{(21)}m_{301}^{(10)}\\
&+m_{020}^{(11)}m_{300}^{(10)}m_{103}^{(22)} - m_{020}^{(11)}m_{300}^{(10)}m_{004}^{(20)} - m_{020}^{(11)}m_{300}^{(20)}m_{112}^{(22)} + m_{020}^{(11)}m_{300}^{(20)}m_{013}^{(20)}\\
&-m_{020}^{(11)}m_{300}^{(21)}m_{202}^{(22)} + m_{020}^{(11)}m_{300}^{(21)}m_{103}^{(20)} + m_{020}^{(11)}m_{300}^{(22)}m_{211}^{(22)} - m_{020}^{(11)}m_{300}^{(22)}m_{112}^{(20)}\\
&-m_{020}^{(11)}m_{210}^{(00)}m_{103}^{(22)} + m_{020}^{(11)}m_{210}^{(00)}m_{004}^{(20)} + 2m_{020}^{(11)}m_{210}^{(20)}m_{202}^{(22)} - 2m_{020}^{(11)}m_{210}^{(20)}m_{103}^{(20)}\\
&-m_{020}^{(11)}m_{210}^{(22)}m_{301}^{(22)} + m_{020}^{(11)}m_{210}^{(22)}m_{202}^{(20)} + m_{020}^{(11)}m_{201}^{(00)}m_{112}^{(22)} - m_{020}^{(11)}m_{201}^{(00)}m_{013}^{(20)}\\
&-2m_{020}^{(11)}m_{201}^{(10)}m_{202}^{(22)} + m_{020}^{(11)}m_{201}^{(10)}m_{103}^{(20)} + m_{020}^{(11)}m_{201}^{(10)}m_{004}^{(20)} + m_{020}^{(11)}m_{201}^{(20)}m_{112}^{(20)}\\
&-m_{020}^{(11)}m_{201}^{(20)}m_{013}^{(00)} + 2m_{020}^{(11)}m_{201}^{(21)}m_{301}^{(22)} - m_{020}^{(11)}m_{201}^{(21)}m_{202}^{(20)} - m_{020}^{(11)}m_{201}^{(21)}m_{103}^{(00)}\\
&-m_{020}^{(11)}m_{201}^{(22)}m_{310}^{(22)} + m_{020}^{(11)}m_{201}^{(22)}m_{112}^{(00)} + m_{020}^{(11)}m_{111}^{(00)}m_{202}^{(22)} - m_{020}^{(11)}m_{111}^{(00)}m_{004}^{(00)}\\
&-2m_{020}^{(11)}m_{111}^{(20)}m_{301}^{(22)} + 2m_{020}^{(11)}m_{111}^{(20)}m_{103}^{(00)} + m_{020}^{(11)}m_{111}^{(22)}m_{400}^{(22)} - m_{020}^{(11)}m_{111}^{(22)}m_{202}^{(00)}\\
&-m_{020}^{(11)}m_{102}^{(00)}m_{211}^{(22)} + m_{020}^{(11)}m_{102}^{(00)}m_{013}^{(00)} + m_{020}^{(11)}m_{102}^{(10)}m_{301}^{(22)} + m_{020}^{(11)}m_{102}^{(10)}m_{202}^{(20)}\\
&-2m_{020}^{(11)}m_{102}^{(10)}m_{103}^{(00)} + m_{020}^{(11)}m_{102}^{(20)}m_{310}^{(22)} - m_{020}^{(11)}m_{102}^{(20)}m_{211}^{(20)} - m_{020}^{(11)}m_{102}^{(21)}m_{400}^{(22)}\\
&-m_{020}^{(11)}m_{102}^{(21)}m_{301}^{(20)} + 2m_{020}^{(11)}m_{102}^{(21)}m_{202}^{(00)} + m_{020}^{(11)}m_{102}^{(22)}m_{310}^{(20)} - m_{020}^{(11)}m_{102}^{(22)}m_{211}^{(00)}\\
&-m_{020}^{(11)}m_{012}^{(00)}m_{202}^{(20)} + m_{020}^{(11)}m_{012}^{(00)}m_{103}^{(00)} + 2m_{020}^{(11)}m_{012}^{(20)}m_{301}^{(20)} - 2m_{020}^{(11)}m_{012}^{(20)}m_{202}^{(00)}\\
&-m_{020}^{(11)}m_{012}^{(22)}m_{400}^{(20)} + m_{020}^{(11)}m_{012}^{(22)}m_{301}^{(00)} + m_{020}^{(11)}m_{003}^{(00)}m_{211}^{(20)} - m_{020}^{(11)}m_{003}^{(00)}m_{112}^{(00)}\\
&-m_{020}^{(11)}m_{003}^{(10)}m_{301}^{(20)} + m_{020}^{(11)}m_{003}^{(10)}m_{202}^{(00)} - m_{020}^{(11)}m_{003}^{(20)}m_{310}^{(20)} + m_{020}^{(11)}m_{003}^{(20)}m_{211}^{(00)}
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\begin{aligned}
&+m_{020}^{(11)}m_{003}^{(21)}m_{400}^{(20)} - m_{020}^{(11)}m_{003}^{(21)}m_{301}^{(00)} + m_{020}^{(20)}m_{300}^{(10)}m_{013}^{(21)} - m_{020}^{(20)}m_{300}^{(10)}m_{004}^{(11)}\\
&-m_{020}^{(20)}m_{300}^{(20)}m_{022}^{(21)} + m_{020}^{(20)}m_{300}^{(20)}m_{013}^{(11)} - m_{020}^{(20)}m_{300}^{(21)}m_{112}^{(21)} + m_{020}^{(20)}m_{300}^{(21)}m_{103}^{(11)}\\
&+m_{020}^{(20)}m_{300}^{(22)}m_{121}^{(21)} - m_{020}^{(20)}m_{300}^{(22)}m_{112}^{(11)} - m_{020}^{(20)}m_{210}^{(00)}m_{013}^{(21)} + m_{020}^{(20)}m_{210}^{(00)}m_{004}^{(11)}\\
&+m_{020}^{(20)}m_{210}^{(10)}m_{103}^{(21)} - 2m_{020}^{(20)}m_{210}^{(10)}m_{013}^{(20)} + m_{020}^{(20)}m_{210}^{(10)}m_{004}^{(10)} + m_{020}^{(20)}m_{210}^{(20)}m_{112}^{(21)}\\
&-2m_{020}^{(20)}m_{210}^{(20)}m_{103}^{(11)} + 2m_{020}^{(20)}m_{210}^{(20)}m_{022}^{(20)} - m_{020}^{(20)}m_{210}^{(20)}m_{013}^{(10)} - m_{020}^{(20)}m_{210}^{(21)}m_{202}^{(21)}\\
&+2m_{020}^{(20)}m_{210}^{(21)}m_{112}^{(20)} - m_{020}^{(20)}m_{210}^{(21)}m_{103}^{(10)} + m_{020}^{(20)}m_{210}^{(22)}m_{202}^{(11)} - 2m_{020}^{(20)}m_{210}^{(22)}m_{121}^{(20)}\\
&+m_{020}^{(20)}m_{210}^{(22)}m_{112}^{(10)} + m_{020}^{(20)}m_{201}^{(00)}m_{022}^{(21)} - m_{020}^{(20)}m_{201}^{(00)}m_{013}^{(11)} - 2m_{020}^{(20)}m_{201}^{(10)}m_{112}^{(21)}\\
&+m_{020}^{(20)}m_{201}^{(10)}m_{103}^{(11)} + m_{020}^{(20)}m_{201}^{(10)}m_{013}^{(10)} + m_{020}^{(20)}m_{201}^{(20)}m_{112}^{(11)} - m_{020}^{(20)}m_{201}^{(20)}m_{022}^{(10)}\\
&+2m_{020}^{(20)}m_{201}^{(21)}m_{211}^{(21)} - m_{020}^{(20)}m_{201}^{(21)}m_{202}^{(11)} - m_{020}^{(20)}m_{201}^{(21)}m_{112}^{(10)} - m_{020}^{(20)}m_{201}^{(22)}m_{220}^{(21)}\\
&+m_{020}^{(20)}m_{201}^{(22)}m_{121}^{(10)} - m_{020}^{(20)}m_{120}^{(00)}m_{103}^{(21)} + 2m_{020}^{(20)}m_{120}^{(00)}m_{013}^{(20)} - m_{020}^{(20)}m_{120}^{(00)}m_{004}^{(10)}\\
&+2m_{020}^{(20)}m_{120}^{(20)}m_{202}^{(21)} - 4m_{020}^{(20)}m_{120}^{(20)}m_{112}^{(20)} + 2m_{020}^{(20)}m_{120}^{(20)}m_{103}^{(10)} - m_{020}^{(20)}m_{120}^{(22)}m_{301}^{(21)}\\
&+2m_{020}^{(20)}m_{120}^{(22)}m_{211}^{(20)} - m_{020}^{(20)}m_{120}^{(22)}m_{202}^{(10)} + 2m_{020}^{(20)}m_{111}^{(00)}m_{112}^{(21)} - 2m_{020}^{(20)}m_{111}^{(00)}m_{022}^{(20)}\\
&-2m_{020}^{(20)}m_{111}^{(10)}m_{202}^{(21)} + 4m_{020}^{(20)}m_{111}^{(10)}m_{112}^{(20)} - 2m_{020}^{(20)}m_{111}^{(10)}m_{103}^{(10)} - 2m_{020}^{(20)}m_{111}^{(20)}m_{211}^{(21)}\\
&+2m_{020}^{(20)}m_{111}^{(20)}m_{112}^{(10)} + 2m_{020}^{(20)}m_{111}^{(21)}m_{301}^{(21)} - 4m_{020}^{(20)}m_{111}^{(21)}m_{211}^{(20)} + 2m_{020}^{(20)}m_{111}^{(21)}m_{202}^{(10)}\\
&+2m_{020}^{(20)}m_{111}^{(22)}m_{220}^{(20)} - 2m_{020}^{(20)}m_{111}^{(22)}m_{211}^{(10)} - m_{020}^{(20)}m_{102}^{(00)}m_{121}^{(21)} + m_{020}^{(20)}m_{102}^{(00)}m_{022}^{(10)}\\
&+m_{020}^{(20)}m_{102}^{(10)}m_{211}^{(21)} + m_{020}^{(20)}m_{102}^{(10)}m_{202}^{(11)} - 2m_{020}^{(20)}m_{102}^{(10)}m_{112}^{(10)} + m_{020}^{(20)}m_{102}^{(20)}m_{220}^{(21)}\\
&-m_{020}^{(20)}m_{102}^{(20)}m_{211}^{(11)} - m_{020}^{(20)}m_{102}^{(21)}m_{310}^{(21)} - m_{020}^{(20)}m_{102}^{(21)}m_{301}^{(11)} + 2m_{020}^{(20)}m_{102}^{(21)}m_{211}^{(10)}\\
&+m_{020}^{(20)}m_{102}^{(22)}m_{310}^{(11)} - m_{020}^{(20)}m_{102}^{(22)}m_{220}^{(10)} + m_{020}^{(20)}m_{021}^{(00)}m_{202}^{(21)} - 2m_{020}^{(20)}m_{021}^{(00)}m_{112}^{(20)}\\
&+m_{020}^{(20)}m_{021}^{(00)}m_{103}^{(10)} - 2m_{020}^{(20)}m_{021}^{(20)}m_{301}^{(21)} + 4m_{020}^{(20)}m_{021}^{(20)}m_{211}^{(20)} - 2m_{020}^{(20)}m_{021}^{(20)}m_{202}^{(10)}\\
&+m_{020}^{(20)}m_{021}^{(22)}m_{400}^{(21)} - 2m_{020}^{(20)}m_{021}^{(22)}m_{310}^{(20)} + m_{020}^{(20)}m_{021}^{(22)}m_{301}^{(10)} - m_{020}^{(20)}m_{012}^{(00)}m_{211}^{(21)}\\
&-m_{020}^{(20)}m_{012}^{(00)}m_{202}^{(11)} + 2m_{020}^{(20)}m_{012}^{(00)}m_{121}^{(20)} + m_{020}^{(20)}m_{012}^{(10)}m_{301}^{(21)} - 2m_{020}^{(20)}m_{012}^{(10)}m_{211}^{(20)}\\
&+m_{020}^{(20)}m_{012}^{(10)}m_{202}^{(10)} + m_{020}^{(20)}m_{012}^{(20)}m_{310}^{(21)} + 2m_{020}^{(20)}m_{012}^{(20)}m_{301}^{(11)} - 2m_{020}^{(20)}m_{012}^{(20)}m_{220}^{(20)}\\
&-m_{020}^{(20)}m_{012}^{(20)}m_{211}^{(10)} - m_{020}^{(20)}m_{012}^{(21)}m_{400}^{(21)} + 2m_{020}^{(20)}m_{012}^{(21)}m_{310}^{(20)} - m_{020}^{(20)}m_{012}^{(21)}m_{301}^{(10)}\\
&-m_{020}^{(20)}m_{012}^{(22)}m_{400}^{(11)} + m_{020}^{(20)}m_{012}^{(22)}m_{310}^{(10)} + m_{020}^{(20)}m_{003}^{(00)}m_{211}^{(11)} - m_{020}^{(20)}m_{003}^{(00)}m_{121}^{(10)}\\
&-m_{020}^{(20)}m_{003}^{(10)}m_{301}^{(11)} + m_{020}^{(20)}m_{003}^{(10)}m_{211}^{(10)} - m_{020}^{(20)}m_{003}^{(20)}m_{310}^{(11)} + m_{020}^{(20)}m_{003}^{(20)}m_{220}^{(10)}\\
&+m_{020}^{(20)}m_{003}^{(21)}m_{400}^{(11)} - m_{020}^{(20)}m_{003}^{(21)}m_{310}^{(10)} - 2m_{020}^{(21)}m_{300}^{(10)}m_{103}^{(21)} + m_{020}^{(21)}m_{300}^{(10)}m_{013}^{(20)}\\
&+m_{020}^{(21)}m_{300}^{(10)}m_{004}^{(10)} + 2m_{020}^{(21)}m_{300}^{(20)}m_{112}^{(21)} - m_{020}^{(21)}m_{300}^{(20)}m_{022}^{(20)} - m_{020}^{(21)}m_{300}^{(20)}m_{013}^{(10)}\\
&+2m_{020}^{(21)}m_{300}^{(21)}m_{202}^{(21)} - m_{020}^{(21)}m_{300}^{(21)}m_{112}^{(20)} - m_{020}^{(21)}m_{300}^{(21)}m_{103}^{(10)} - 2m_{020}^{(21)}m_{300}^{(22)}m_{211}^{(21)}\\
&+m_{020}^{(21)}m_{300}^{(22)}m_{121}^{(20)} + m_{020}^{(21)}m_{300}^{(22)}m_{112}^{(10)} + 2m_{020}^{(21)}m_{210}^{(00)}m_{103}^{(21)} - m_{020}^{(21)}m_{210}^{(00)}m_{013}^{(20)}\\
&-m_{020}^{(21)}m_{210}^{(00)}m_{004}^{(10)} + m_{020}^{(21)}m_{210}^{(10)}m_{103}^{(20)} - m_{020}^{(21)}m_{210}^{(10)}m_{004}^{(00)} - 4m_{020}^{(21)}m_{210}^{(20)}m_{202}^{(21)}\\
&+m_{020}^{(21)}m_{210}^{(20)}m_{112}^{(20)} + 2m_{020}^{(21)}m_{210}^{(20)}m_{103}^{(10)} + m_{020}^{(21)}m_{210}^{(20)}m_{013}^{(00)} - m_{020}^{(21)}m_{210}^{(21)}m_{202}^{(20)}\\
&+m_{020}^{(21)}m_{210}^{(21)}m_{103}^{(00)} + 2m_{020}^{(21)}m_{210}^{(22)}m_{301}^{(21)} - m_{020}^{(21)}m_{210}^{(22)}m_{202}^{(10)} - m_{020}^{(21)}m_{210}^{(22)}m_{112}^{(00)}\\
&-2m_{020}^{(21)}m_{201}^{(00)}m_{112}^{(21)} + m_{020}^{(21)}m_{201}^{(00)}m_{022}^{(20)} + m_{020}^{(21)}m_{201}^{(00)}m_{013}^{(10)} + 4m_{020}^{(21)}m_{201}^{(10)}m_{202}^{(21)}\\
&-2m_{020}^{(21)}m_{201}^{(10)}m_{112}^{(20)} - m_{020}^{(21)}m_{201}^{(10)}m_{103}^{(10)} - m_{020}^{(21)}m_{201}^{(10)}m_{013}^{(00)} - m_{020}^{(21)}m_{201}^{(20)}m_{112}^{(10)}\\
&+m_{020}^{(21)}m_{201}^{(20)}m_{022}^{(00)} - 4m_{020}^{(21)}m_{201}^{(21)}m_{301}^{(21)} + 2m_{020}^{(21)}m_{201}^{(21)}m_{211}^{(20)} + m_{020}^{(21)}m_{201}^{(21)}m_{202}^{(10)}\\
&+m_{020}^{(21)}m_{201}^{(21)}m_{112}^{(00)} + 2m_{020}^{(21)}m_{201}^{(22)}m_{310}^{(21)} - m_{020}^{(21)}m_{201}^{(22)}m_{220}^{(20)} - m_{020}^{(21)}m_{201}^{(22)}m_{121}^{(00)}\\
&-m_{020}^{(21)}m_{120}^{(00)}m_{103}^{(20)} + m_{020}^{(21)}m_{120}^{(00)}m_{004}^{(00)} + 2m_{020}^{(21)}m_{120}^{(20)}m_{202}^{(20)} - 2m_{020}^{(21)}m_{120}^{(20)}m_{103}^{(00)}\\
&-m_{020}^{(21)}m_{120}^{(22)}m_{301}^{(20)} + m_{020}^{(21)}m_{120}^{(22)}m_{202}^{(00)} - 2m_{020}^{(21)}m_{111}^{(00)}m_{202}^{(21)} + 2m_{020}^{(21)}m_{111}^{(00)}m_{112}^{(20)}
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\begin{aligned}
&-2m_{020}^{(21)}m_{111}^{(10)}m_{202}^{(20)} + 2m_{020}^{(21)}m_{111}^{(10)}m_{103}^{(00)} + 4m_{020}^{(21)}m_{111}^{(20)}m_{301}^{(21)} - 2m_{020}^{(21)}m_{111}^{(20)}m_{211}^{(20)}\\
&-2m_{020}^{(21)}m_{111}^{(20)}m_{112}^{(00)} + 2m_{020}^{(21)}m_{111}^{(21)}m_{301}^{(20)} - 2m_{020}^{(21)}m_{111}^{(21)}m_{202}^{(00)} - 2m_{020}^{(21)}m_{111}^{(22)}m_{400}^{(21)}\\
&+2m_{020}^{(21)}m_{111}^{(22)}m_{211}^{(00)} + 2m_{020}^{(21)}m_{102}^{(00)}m_{211}^{(21)} - m_{020}^{(21)}m_{102}^{(00)}m_{121}^{(20)} - m_{020}^{(21)}m_{102}^{(00)}m_{022}^{(00)}\\
&-2m_{020}^{(21)}m_{102}^{(10)}m_{301}^{(21)} + m_{020}^{(21)}m_{102}^{(10)}m_{211}^{(20)} - m_{020}^{(21)}m_{102}^{(10)}m_{202}^{(10)} + 2m_{020}^{(21)}m_{102}^{(10)}m_{112}^{(00)}\\
&-2m_{020}^{(21)}m_{102}^{(20)}m_{310}^{(21)} + m_{020}^{(21)}m_{102}^{(20)}m_{220}^{(20)} + m_{020}^{(21)}m_{102}^{(20)}m_{211}^{(10)} + 2m_{020}^{(21)}m_{102}^{(21)}m_{400}^{(21)}\\
&-m_{020}^{(21)}m_{102}^{(21)}m_{310}^{(20)} + m_{020}^{(21)}m_{102}^{(21)}m_{301}^{(10)} - 2m_{020}^{(21)}m_{102}^{(21)}m_{211}^{(00)} - m_{020}^{(21)}m_{102}^{(22)}m_{310}^{(10)}\\
&+m_{020}^{(21)}m_{102}^{(22)}m_{220}^{(00)} + m_{020}^{(21)}m_{021}^{(00)}m_{202}^{(20)} - m_{020}^{(21)}m_{021}^{(00)}m_{103}^{(00)} - 2m_{020}^{(21)}m_{021}^{(20)}m_{301}^{(20)}\\
&+2m_{020}^{(21)}m_{021}^{(20)}m_{202}^{(00)} + m_{020}^{(21)}m_{021}^{(22)}m_{400}^{(20)} - m_{020}^{(21)}m_{021}^{(22)}m_{301}^{(00)} - m_{020}^{(21)}m_{012}^{(00)}m_{211}^{(20)}\\
&+m_{020}^{(21)}m_{012}^{(00)}m_{202}^{(10)} + m_{020}^{(21)}m_{012}^{(10)}m_{301}^{(20)} - m_{020}^{(21)}m_{012}^{(10)}m_{202}^{(00)} + m_{020}^{(21)}m_{012}^{(20)}m_{310}^{(20)}\\
&-2m_{020}^{(21)}m_{012}^{(20)}m_{301}^{(10)} + m_{020}^{(21)}m_{012}^{(20)}m_{211}^{(00)} - m_{020}^{(21)}m_{012}^{(21)}m_{400}^{(20)} + m_{020}^{(21)}m_{012}^{(21)}m_{301}^{(00)}\\
&+m_{020}^{(21)}m_{012}^{(22)}m_{400}^{(10)} - m_{020}^{(21)}m_{012}^{(22)}m_{310}^{(00)} - m_{020}^{(21)}m_{003}^{(00)}m_{211}^{(10)} + m_{020}^{(21)}m_{003}^{(00)}m_{121}^{(00)}\\
&+m_{020}^{(21)}m_{003}^{(10)}m_{301}^{(10)} - m_{020}^{(21)}m_{003}^{(10)}m_{211}^{(00)} + m_{020}^{(21)}m_{003}^{(20)}m_{310}^{(10)} - m_{020}^{(21)}m_{003}^{(20)}m_{220}^{(00)}\\
&-m_{020}^{(21)}m_{003}^{(21)}m_{400}^{(10)} + m_{020}^{(21)}m_{003}^{(21)}m_{310}^{(00)} + m_{020}^{(22)}m_{300}^{(10)}m_{103}^{(11)} - m_{020}^{(22)}m_{300}^{(10)}m_{013}^{(10)}\\
&-m_{020}^{(22)}m_{300}^{(20)}m_{112}^{(11)} + m_{020}^{(22)}m_{300}^{(20)}m_{022}^{(10)} - m_{020}^{(22)}m_{300}^{(21)}m_{202}^{(11)} + m_{020}^{(22)}m_{300}^{(21)}m_{112}^{(10)}\\
&+m_{020}^{(22)}m_{300}^{(22)}m_{211}^{(11)} - m_{020}^{(22)}m_{300}^{(22)}m_{121}^{(10)} - m_{020}^{(22)}m_{210}^{(00)}m_{103}^{(11)} + m_{020}^{(22)}m_{210}^{(00)}m_{013}^{(10)}\\
&-m_{020}^{(22)}m_{210}^{(10)}m_{103}^{(10)} + m_{020}^{(22)}m_{210}^{(10)}m_{013}^{(00)} + 2m_{020}^{(22)}m_{210}^{(20)}m_{202}^{(11)} - m_{020}^{(22)}m_{210}^{(20)}m_{112}^{(10)}\\
&-m_{020}^{(22)}m_{210}^{(20)}m_{022}^{(00)} + m_{020}^{(22)}m_{210}^{(21)}m_{202}^{(10)} - m_{020}^{(22)}m_{210}^{(21)}m_{112}^{(00)} - m_{020}^{(22)}m_{210}^{(22)}m_{301}^{(11)}\\
&+m_{020}^{(22)}m_{210}^{(22)}m_{121}^{(00)} + m_{020}^{(22)}m_{201}^{(00)}m_{112}^{(11)} - m_{020}^{(22)}m_{201}^{(00)}m_{022}^{(10)} - 2m_{020}^{(22)}m_{201}^{(10)}m_{202}^{(11)}\\
&+2m_{020}^{(22)}m_{201}^{(10)}m_{112}^{(10)} + 2m_{020}^{(22)}m_{201}^{(21)}m_{301}^{(11)} - 2m_{020}^{(22)}m_{201}^{(21)}m_{211}^{(10)} - m_{020}^{(22)}m_{201}^{(22)}m_{310}^{(11)}\\
&+m_{020}^{(22)}m_{201}^{(22)}m_{220}^{(10)} + m_{020}^{(22)}m_{120}^{(00)}m_{103}^{(10)} - m_{020}^{(22)}m_{120}^{(00)}m_{013}^{(00)} - 2m_{020}^{(22)}m_{120}^{(20)}m_{202}^{(10)}\\
&+2m_{020}^{(22)}m_{120}^{(20)}m_{112}^{(00)} + m_{020}^{(22)}m_{120}^{(22)}m_{301}^{(10)} - m_{020}^{(22)}m_{120}^{(22)}m_{211}^{(00)} + m_{020}^{(22)}m_{111}^{(00)}m_{202}^{(11)}\\
&-2m_{020}^{(22)}m_{111}^{(00)}m_{112}^{(10)} + m_{020}^{(22)}m_{111}^{(00)}m_{022}^{(00)} + 2m_{020}^{(22)}m_{111}^{(10)}m_{202}^{(10)} - 2m_{020}^{(22)}m_{111}^{(10)}m_{112}^{(00)}\\
&-2m_{020}^{(22)}m_{111}^{(20)}m_{301}^{(11)} + 2m_{020}^{(22)}m_{111}^{(20)}m_{211}^{(10)} - 2m_{020}^{(22)}m_{111}^{(21)}m_{301}^{(10)} + 2m_{020}^{(22)}m_{111}^{(21)}m_{211}^{(00)}\\
&+m_{020}^{(22)}m_{111}^{(22)}m_{400}^{(11)} - m_{020}^{(22)}m_{111}^{(22)}m_{220}^{(00)} - m_{020}^{(22)}m_{102}^{(00)}m_{211}^{(11)} + m_{020}^{(22)}m_{102}^{(00)}m_{121}^{(10)}\\
&+m_{020}^{(22)}m_{102}^{(10)}m_{301}^{(11)} - m_{020}^{(22)}m_{102}^{(10)}m_{211}^{(10)} + m_{020}^{(22)}m_{102}^{(20)}m_{310}^{(11)} - m_{020}^{(22)}m_{102}^{(20)}m_{220}^{(10)}\\
&-m_{020}^{(22)}m_{102}^{(21)}m_{400}^{(11)} + m_{020}^{(22)}m_{102}^{(21)}m_{310}^{(10)} - m_{020}^{(22)}m_{021}^{(00)}m_{202}^{(10)} + m_{020}^{(22)}m_{021}^{(00)}m_{112}^{(00)}\\
&+2m_{020}^{(22)}m_{021}^{(20)}m_{301}^{(10)} - 2m_{020}^{(22)}m_{021}^{(20)}m_{211}^{(00)} - m_{020}^{(22)}m_{021}^{(22)}m_{400}^{(10)} + m_{020}^{(22)}m_{021}^{(22)}m_{310}^{(00)}\\
&+m_{020}^{(22)}m_{012}^{(00)}m_{211}^{(10)} - m_{020}^{(22)}m_{012}^{(00)}m_{121}^{(00)} - m_{020}^{(22)}m_{012}^{(10)}m_{301}^{(10)} + m_{020}^{(22)}m_{012}^{(10)}m_{211}^{(00)}\\
&-m_{020}^{(22)}m_{012}^{(20)}m_{310}^{(10)} + m_{020}^{(22)}m_{012}^{(20)}m_{220}^{(00)} + m_{020}^{(22)}m_{012}^{(21)}m_{400}^{(10)} - m_{020}^{(22)}m_{012}^{(21)}m_{310}^{(00)}\\
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&+2m_{011}^{(00)}m_{210}^{(20)}m_{031}^{(22)} - 2m_{011}^{(00)}m_{210}^{(20)}m_{022}^{(21)} - m_{011}^{(00)}m_{210}^{(22)}m_{130}^{(22)} + m_{011}^{(00)}m_{210}^{(22)}m_{121}^{(21)}\\
&+2m_{011}^{(00)}m_{201}^{(10)}m_{022}^{(21)} - 2m_{011}^{(00)}m_{201}^{(10)}m_{013}^{(11)} - m_{011}^{(00)}m_{201}^{(11)}m_{112}^{(21)} + m_{011}^{(00)}m_{201}^{(11)}m_{103}^{(11)}\\
&-2m_{011}^{(00)}m_{201}^{(20)}m_{031}^{(21)} + 2m_{011}^{(00)}m_{201}^{(20)}m_{022}^{(11)} + m_{011}^{(00)}m_{201}^{(22)}m_{130}^{(21)} - m_{011}^{(00)}m_{201}^{(22)}m_{121}^{(11)}\\
&+2m_{011}^{(00)}m_{120}^{(00)}m_{022}^{(22)} - 2m_{011}^{(00)}m_{120}^{(00)}m_{013}^{(21)} - 4m_{011}^{(00)}m_{120}^{(20)}m_{121}^{(22)} + 4m_{011}^{(00)}m_{120}^{(20)}m_{112}^{(21)}\\
&+2m_{011}^{(00)}m_{120}^{(22)}m_{220}^{(22)} - 2m_{011}^{(00)}m_{120}^{(22)}m_{211}^{(21)} - 2m_{011}^{(00)}m_{111}^{(00)}m_{031}^{(22)} + 2m_{011}^{(00)}m_{111}^{(00)}m_{013}^{(11)}\\
&+4m_{011}^{(00)}m_{111}^{(10)}m_{121}^{(22)} - 4m_{011}^{(00)}m_{111}^{(10)}m_{112}^{(21)} - 2m_{011}^{(00)}m_{111}^{(11)}m_{211}^{(22)} + 2m_{011}^{(00)}m_{111}^{(11)}m_{202}^{(21)}\\
&+4m_{011}^{(00)}m_{111}^{(20)}m_{121}^{(21)} - 4m_{011}^{(00)}m_{111}^{(20)}m_{112}^{(11)} - 2m_{011}^{(00)}m_{111}^{(22)}m_{220}^{(21)} + 2m_{011}^{(00)}m_{111}^{(22)}m_{211}^{(11)}\\
&+2m_{011}^{(00)}m_{102}^{(00)}m_{031}^{(21)} - 2m_{011}^{(00)}m_{102}^{(00)}m_{022}^{(11)} - 4m_{011}^{(00)}m_{102}^{(10)}m_{121}^{(21)} + 4m_{011}^{(00)}m_{102}^{(10)}m_{112}^{(11)}
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&+2m_{011}^{(00)}m_{102}^{(11)}m_{211}^{(21)} - 2m_{011}^{(00)}m_{102}^{(11)}m_{202}^{(11)} - m_{011}^{(00)}m_{030}^{(00)}m_{112}^{(22)} + m_{011}^{(00)}m_{030}^{(00)}m_{103}^{(21)}\\
&+2m_{011}^{(00)}m_{030}^{(20)}m_{211}^{(22)} - 2m_{011}^{(00)}m_{030}^{(20)}m_{202}^{(21)} - m_{011}^{(00)}m_{030}^{(22)}m_{310}^{(22)} + m_{011}^{(00)}m_{030}^{(22)}m_{301}^{(21)}\\
&+m_{011}^{(00)}m_{021}^{(00)}m_{112}^{(21)} - m_{011}^{(00)}m_{021}^{(00)}m_{103}^{(11)} - 2m_{011}^{(00)}m_{021}^{(20)}m_{211}^{(21)} + 2m_{011}^{(00)}m_{021}^{(20)}m_{202}^{(11)}\\
&+m_{011}^{(00)}m_{021}^{(22)}m_{310}^{(21)} - m_{011}^{(00)}m_{021}^{(22)}m_{301}^{(11)} + m_{011}^{(00)}m_{012}^{(00)}m_{130}^{(22)} - m_{011}^{(00)}m_{012}^{(00)}m_{121}^{(21)}\\
&-2m_{011}^{(00)}m_{012}^{(10)}m_{220}^{(22)} + 2m_{011}^{(00)}m_{012}^{(10)}m_{211}^{(21)} + m_{011}^{(00)}m_{012}^{(11)}m_{310}^{(22)} - m_{011}^{(00)}m_{012}^{(11)}m_{301}^{(21)}\\
&-m_{011}^{(00)}m_{003}^{(00)}m_{130}^{(21)} + m_{011}^{(00)}m_{003}^{(00)}m_{121}^{(11)} + 2m_{011}^{(00)}m_{003}^{(10)}m_{220}^{(21)} - 2m_{011}^{(00)}m_{003}^{(10)}m_{211}^{(11)}\\
&-m_{011}^{(00)}m_{003}^{(11)}m_{310}^{(21)} + m_{011}^{(00)}m_{003}^{(11)}m_{301}^{(11)} + 2m_{011}^{(10)}m_{300}^{(10)}m_{022}^{(22)} - 2m_{011}^{(10)}m_{300}^{(10)}m_{013}^{(21)}\\
&-m_{011}^{(10)}m_{300}^{(11)}m_{112}^{(22)} + m_{011}^{(10)}m_{300}^{(11)}m_{103}^{(21)} - 2m_{011}^{(10)}m_{300}^{(20)}m_{031}^{(22)} + 2m_{011}^{(10)}m_{300}^{(20)}m_{022}^{(21)}\\
&+m_{011}^{(10)}m_{300}^{(22)}m_{130}^{(22)} - m_{011}^{(10)}m_{300}^{(22)}m_{121}^{(21)} - 2m_{011}^{(10)}m_{210}^{(00)}m_{022}^{(22)} + 2m_{011}^{(10)}m_{210}^{(00)}m_{013}^{(21)}\\
&+2m_{011}^{(10)}m_{210}^{(10)}m_{112}^{(22)} - 2m_{011}^{(10)}m_{210}^{(10)}m_{013}^{(20)} - m_{011}^{(10)}m_{210}^{(11)}m_{202}^{(22)} + m_{011}^{(10)}m_{210}^{(11)}m_{103}^{(20)}\\
&+2m_{011}^{(10)}m_{210}^{(20)}m_{121}^{(22)} - 4m_{011}^{(10)}m_{210}^{(20)}m_{112}^{(21)} + 2m_{011}^{(10)}m_{210}^{(20)}m_{022}^{(20)} - m_{011}^{(10)}m_{210}^{(22)}m_{220}^{(22)}\\
&+2m_{011}^{(10)}m_{210}^{(22)}m_{211}^{(21)} - m_{011}^{(10)}m_{210}^{(22)}m_{121}^{(20)} + 2m_{011}^{(10)}m_{201}^{(00)}m_{031}^{(22)} - 2m_{011}^{(10)}m_{201}^{(00)}m_{022}^{(21)}\\
&-4m_{011}^{(10)}m_{201}^{(10)}m_{121}^{(22)} + 2m_{011}^{(10)}m_{201}^{(10)}m_{112}^{(21)} - 2m_{011}^{(10)}m_{201}^{(10)}m_{022}^{(20)} + 4m_{011}^{(10)}m_{201}^{(10)}m_{013}^{(10)}\\
&+2m_{011}^{(10)}m_{201}^{(11)}m_{211}^{(22)} - m_{011}^{(10)}m_{201}^{(11)}m_{202}^{(21)} + m_{011}^{(10)}m_{201}^{(11)}m_{112}^{(20)} - 2m_{011}^{(10)}m_{201}^{(11)}m_{103}^{(10)}\\
&+2m_{011}^{(10)}m_{201}^{(20)}m_{121}^{(21)} + 2m_{011}^{(10)}m_{201}^{(20)}m_{031}^{(20)} - 4m_{011}^{(10)}m_{201}^{(20)}m_{022}^{(10)} - m_{011}^{(10)}m_{201}^{(22)}m_{220}^{(21)}\\
&-m_{011}^{(10)}m_{201}^{(22)}m_{130}^{(20)} + 2m_{011}^{(10)}m_{201}^{(22)}m_{121}^{(10)} - m_{011}^{(10)}m_{120}^{(00)}m_{112}^{(22)} - m_{011}^{(10)}m_{120}^{(00)}m_{103}^{(21)}\\
&+2m_{011}^{(10)}m_{120}^{(00)}m_{013}^{(20)} + 2m_{011}^{(10)}m_{120}^{(20)}m_{211}^{(22)} + 2m_{011}^{(10)}m_{120}^{(20)}m_{202}^{(21)} - 4m_{011}^{(10)}m_{120}^{(20)}m_{112}^{(20)}\\
&-m_{011}^{(10)}m_{120}^{(22)}m_{310}^{(22)} - m_{011}^{(10)}m_{120}^{(22)}m_{301}^{(21)} + 2m_{011}^{(10)}m_{120}^{(22)}m_{211}^{(20)} + 2m_{011}^{(10)}m_{111}^{(00)}m_{121}^{(22)}\\
&+2m_{011}^{(10)}m_{111}^{(00)}m_{112}^{(21)} - 4m_{011}^{(10)}m_{111}^{(00)}m_{013}^{(10)} - 4m_{011}^{(10)}m_{111}^{(10)}m_{211}^{(22)} + 4m_{011}^{(10)}m_{111}^{(10)}m_{112}^{(20)}\\
&+2m_{011}^{(10)}m_{111}^{(11)}m_{301}^{(22)} - 2m_{011}^{(10)}m_{111}^{(11)}m_{202}^{(20)} - 4m_{011}^{(10)}m_{111}^{(20)}m_{211}^{(21)} - 4m_{011}^{(10)}m_{111}^{(20)}m_{121}^{(20)}\\
&+8m_{011}^{(10)}m_{111}^{(20)}m_{112}^{(10)} + 2m_{011}^{(10)}m_{111}^{(22)}m_{310}^{(21)} + 2m_{011}^{(10)}m_{111}^{(22)}m_{220}^{(20)} - 4m_{011}^{(10)}m_{111}^{(22)}m_{211}^{(10)}\\
&-m_{011}^{(10)}m_{102}^{(00)}m_{130}^{(22)} - m_{011}^{(10)}m_{102}^{(00)}m_{121}^{(21)} - 2m_{011}^{(10)}m_{102}^{(00)}m_{031}^{(20)} + 4m_{011}^{(10)}m_{102}^{(00)}m_{022}^{(10)}\\
&+2m_{011}^{(10)}m_{102}^{(10)}m_{220}^{(22)} + 2m_{011}^{(10)}m_{102}^{(10)}m_{211}^{(21)} + 4m_{011}^{(10)}m_{102}^{(10)}m_{121}^{(20)} - 8m_{011}^{(10)}m_{102}^{(10)}m_{112}^{(10)}\\
&-m_{011}^{(10)}m_{102}^{(11)}m_{310}^{(22)} - m_{011}^{(10)}m_{102}^{(11)}m_{301}^{(21)} - 2m_{011}^{(10)}m_{102}^{(11)}m_{211}^{(20)} + 4m_{011}^{(10)}m_{102}^{(11)}m_{202}^{(10)}\\
&+m_{011}^{(10)}m_{030}^{(00)}m_{202}^{(22)} - m_{011}^{(10)}m_{030}^{(00)}m_{103}^{(20)} - 2m_{011}^{(10)}m_{030}^{(20)}m_{301}^{(22)} + 2m_{011}^{(10)}m_{030}^{(20)}m_{202}^{(20)}\\
&+m_{011}^{(10)}m_{030}^{(22)}m_{400}^{(22)} - m_{011}^{(10)}m_{030}^{(22)}m_{301}^{(20)} - m_{011}^{(10)}m_{021}^{(00)}m_{202}^{(21)} - m_{011}^{(10)}m_{021}^{(00)}m_{112}^{(20)}\\
&+2m_{011}^{(10)}m_{021}^{(00)}m_{103}^{(10)} + 2m_{011}^{(10)}m_{021}^{(20)}m_{301}^{(21)} + 2m_{011}^{(10)}m_{021}^{(20)}m_{211}^{(20)} - 4m_{011}^{(10)}m_{021}^{(20)}m_{202}^{(10)}\\
&-m_{011}^{(10)}m_{021}^{(22)}m_{400}^{(21)} - m_{011}^{(10)}m_{021}^{(22)}m_{310}^{(20)} + 2m_{011}^{(10)}m_{021}^{(22)}m_{301}^{(10)} - m_{011}^{(10)}m_{012}^{(00)}m_{220}^{(22)}\\
&+m_{011}^{(10)}m_{012}^{(00)}m_{121}^{(20)} + 2m_{011}^{(10)}m_{012}^{(10)}m_{310}^{(22)} - 2m_{011}^{(10)}m_{012}^{(10)}m_{211}^{(20)} - m_{011}^{(10)}m_{012}^{(11)}m_{400}^{(22)}\\
&+m_{011}^{(10)}m_{012}^{(11)}m_{301}^{(20)} + m_{011}^{(10)}m_{003}^{(00)}m_{220}^{(21)} + m_{011}^{(10)}m_{003}^{(00)}m_{130}^{(20)} - 2m_{011}^{(10)}m_{003}^{(00)}m_{121}^{(10)}\\
&-2m_{011}^{(10)}m_{003}^{(10)}m_{310}^{(21)} - 2m_{011}^{(10)}m_{003}^{(10)}m_{220}^{(20)} + 4m_{011}^{(10)}m_{003}^{(10)}m_{211}^{(10)} + m_{011}^{(10)}m_{003}^{(11)}m_{400}^{(21)}\\
&+m_{011}^{(10)}m_{003}^{(11)}m_{310}^{(20)} - 2m_{011}^{(10)}m_{003}^{(11)}m_{301}^{(10)} - 2m_{011}^{(11)}m_{300}^{(10)}m_{112}^{(22)} + 2m_{011}^{(11)}m_{300}^{(10)}m_{013}^{(20)}\\
&+m_{011}^{(11)}m_{300}^{(11)}m_{202}^{(22)} - m_{011}^{(11)}m_{300}^{(11)}m_{103}^{(20)} + 2m_{011}^{(11)}m_{300}^{(20)}m_{121}^{(22)} - 2m_{011}^{(11)}m_{300}^{(20)}m_{022}^{(20)}\\
&-m_{011}^{(11)}m_{300}^{(22)}m_{220}^{(22)} + m_{011}^{(11)}m_{300}^{(22)}m_{121}^{(20)} + 2m_{011}^{(11)}m_{210}^{(00)}m_{112}^{(22)} - 2m_{011}^{(11)}m_{210}^{(00)}m_{013}^{(20)}\\
&-4m_{011}^{(11)}m_{210}^{(20)}m_{211}^{(22)} + 4m_{011}^{(11)}m_{210}^{(20)}m_{112}^{(20)} + 2m_{011}^{(11)}m_{210}^{(22)}m_{310}^{(22)} - 2m_{011}^{(11)}m_{210}^{(22)}m_{211}^{(20)}\\
&-2m_{011}^{(11)}m_{201}^{(00)}m_{121}^{(22)} + 2m_{011}^{(11)}m_{201}^{(00)}m_{022}^{(20)} + 4m_{011}^{(11)}m_{201}^{(10)}m_{211}^{(22)} - 2m_{011}^{(11)}m_{201}^{(10)}m_{112}^{(20)}\\
&-2m_{011}^{(11)}m_{201}^{(10)}m_{013}^{(00)} - 2m_{011}^{(11)}m_{201}^{(11)}m_{301}^{(22)} + m_{011}^{(11)}m_{201}^{(11)}m_{202}^{(20)} + m_{011}^{(11)}m_{201}^{(11)}m_{103}^{(00)}\\
&-2m_{011}^{(11)}m_{201}^{(20)}m_{121}^{(20)} + 2m_{011}^{(11)}m_{201}^{(20)}m_{022}^{(00)} + m_{011}^{(11)}m_{201}^{(22)}m_{220}^{(20)} - m_{011}^{(11)}m_{201}^{(22)}m_{121}^{(00)}
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&-m_{011}^{(11)}m_{120}^{(00)}m_{202}^{(22)}+m_{011}^{(11)}m_{120}^{(00)}m_{103}^{(20)}+2m_{011}^{(11)}m_{120}^{(20)}m_{301}^{(22)}-2m_{011}^{(11)}m_{120}^{(20)}m_{202}^{(20)}\\
&-m_{011}^{(11)}m_{120}^{(22)}m_{400}^{(22)}+m_{011}^{(11)}m_{120}^{(22)}m_{301}^{(20)}-2m_{011}^{(11)}m_{111}^{(00)}m_{112}^{(20)}+2m_{011}^{(11)}m_{111}^{(00)}m_{013}^{(00)}\\
&+4m_{011}^{(11)}m_{111}^{(20)}m_{211}^{(20)}-4m_{011}^{(11)}m_{111}^{(20)}m_{112}^{(00)}-2m_{011}^{(11)}m_{111}^{(22)}m_{310}^{(20)}+2m_{011}^{(11)}m_{111}^{(22)}m_{211}^{(00)}\\
&+m_{011}^{(11)}m_{102}^{(00)}m_{220}^{(22)}+m_{011}^{(11)}m_{102}^{(00)}m_{121}^{(20)}-2m_{011}^{(11)}m_{102}^{(00)}m_{022}^{(00)}-2m_{011}^{(11)}m_{102}^{(10)}m_{310}^{(22)}\\
&-2m_{011}^{(11)}m_{102}^{(10)}m_{211}^{(20)}+4m_{011}^{(11)}m_{102}^{(10)}m_{112}^{(00)}+m_{011}^{(11)}m_{102}^{(11)}m_{400}^{(22)}+m_{011}^{(11)}m_{102}^{(11)}m_{301}^{(20)}\\
&-2m_{011}^{(11)}m_{102}^{(11)}m_{202}^{(00)}+m_{011}^{(11)}m_{021}^{(00)}m_{202}^{(20)}-m_{011}^{(11)}m_{021}^{(00)}m_{103}^{(00)}-2m_{011}^{(11)}m_{021}^{(20)}m_{301}^{(20)}\\
&+2m_{011}^{(11)}m_{021}^{(20)}m_{202}^{(00)}+m_{011}^{(11)}m_{021}^{(22)}m_{400}^{(20)}-m_{011}^{(11)}m_{021}^{(22)}m_{301}^{(00)}-m_{011}^{(11)}m_{003}^{(00)}m_{220}^{(20)}\\
&+m_{011}^{(11)}m_{003}^{(00)}m_{121}^{(00)}+2m_{011}^{(11)}m_{003}^{(10)}m_{310}^{(20)}-2m_{011}^{(11)}m_{003}^{(10)}m_{211}^{(00)}-m_{011}^{(11)}m_{003}^{(11)}m_{400}^{(20)}\\
&+m_{011}^{(11)}m_{003}^{(11)}m_{301}^{(00)}-2m_{011}^{(20)}m_{300}^{(10)}m_{022}^{(21)}+2m_{011}^{(20)}m_{300}^{(10)}m_{013}^{(11)}+m_{011}^{(20)}m_{300}^{(11)}m_{112}^{(21)}\\
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&+4m_{011}^{(20)}m_{210}^{(10)}m_{022}^{(20)}-2m_{011}^{(20)}m_{210}^{(10)}m_{013}^{(10)}+m_{011}^{(20)}m_{210}^{(11)}m_{202}^{(21)}-2m_{011}^{(20)}m_{210}^{(11)}m_{112}^{(20)}\\
&+m_{011}^{(20)}m_{210}^{(11)}m_{103}^{(10)}-2m_{011}^{(20)}m_{210}^{(20)}m_{121}^{(21)}+4m_{011}^{(20)}m_{210}^{(20)}m_{112}^{(11)}-4m_{011}^{(20)}m_{210}^{(20)}m_{031}^{(20)}\\
&+2m_{011}^{(20)}m_{210}^{(20)}m_{022}^{(10)}+m_{011}^{(20)}m_{210}^{(22)}m_{220}^{(21)}-2m_{011}^{(20)}m_{210}^{(22)}m_{211}^{(11)}+2m_{011}^{(20)}m_{210}^{(22)}m_{130}^{(20)}\\
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&+m_{011}^{(20)}m_{201}^{(11)}m_{112}^{(10)}-2m_{011}^{(20)}m_{201}^{(20)}m_{121}^{(11)}+2m_{011}^{(20)}m_{201}^{(20)}m_{031}^{(10)}+m_{011}^{(20)}m_{201}^{(22)}m_{220}^{(11)}\\
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&+2m_{011}^{(20)}m_{120}^{(00)}m_{013}^{(10)}-2m_{011}^{(20)}m_{120}^{(20)}m_{211}^{(21)}-2m_{011}^{(20)}m_{120}^{(20)}m_{202}^{(11)}+8m_{011}^{(20)}m_{120}^{(20)}m_{121}^{(20)}\\
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&+2m_{011}^{(20)}m_{120}^{(22)}m_{211}^{(10)}-2m_{011}^{(20)}m_{111}^{(00)}m_{121}^{(21)}-2m_{011}^{(20)}m_{111}^{(00)}m_{112}^{(11)}+4m_{011}^{(20)}m_{111}^{(00)}m_{031}^{(20)}\\
&+4m_{011}^{(20)}m_{111}^{(10)}m_{211}^{(21)}-8m_{011}^{(20)}m_{111}^{(10)}m_{121}^{(20)}+4m_{011}^{(20)}m_{111}^{(10)}m_{112}^{(10)}-2m_{011}^{(20)}m_{111}^{(11)}m_{301}^{(21)}\\
&+4m_{011}^{(20)}m_{111}^{(11)}m_{211}^{(20)}-2m_{011}^{(20)}m_{111}^{(11)}m_{202}^{(10)}+4m_{011}^{(20)}m_{111}^{(20)}m_{211}^{(11)}-4m_{011}^{(20)}m_{111}^{(20)}m_{121}^{(10)}\\
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&-2m_{011}^{(20)}m_{102}^{(00)}m_{031}^{(10)}-2m_{011}^{(20)}m_{102}^{(10)}m_{220}^{(21)}-2m_{011}^{(20)}m_{102}^{(10)}m_{211}^{(11)}+4m_{011}^{(20)}m_{102}^{(10)}m_{121}^{(10)}\\
&+m_{011}^{(20)}m_{102}^{(11)}m_{310}^{(21)}+m_{011}^{(20)}m_{102}^{(11)}m_{301}^{(11)}-2m_{011}^{(20)}m_{102}^{(11)}m_{211}^{(10)}-m_{011}^{(20)}m_{030}^{(00)}m_{202}^{(21)}\\
&+2m_{011}^{(20)}m_{030}^{(00)}m_{112}^{(20)}-m_{011}^{(20)}m_{030}^{(00)}m_{103}^{(10)}+2m_{011}^{(20)}m_{030}^{(20)}m_{301}^{(21)}-4m_{011}^{(20)}m_{030}^{(20)}m_{211}^{(20)}\\
&+2m_{011}^{(20)}m_{030}^{(20)}m_{202}^{(10)}-m_{011}^{(20)}m_{030}^{(22)}m_{400}^{(21)}+2m_{011}^{(20)}m_{030}^{(22)}m_{310}^{(20)}-m_{011}^{(20)}m_{030}^{(22)}m_{301}^{(10)}\\
&+m_{011}^{(20)}m_{021}^{(00)}m_{202}^{(11)}-m_{011}^{(20)}m_{021}^{(00)}m_{112}^{(10)}-2m_{011}^{(20)}m_{021}^{(20)}m_{301}^{(11)}+2m_{011}^{(20)}m_{021}^{(20)}m_{211}^{(10)}\\
&+m_{011}^{(20)}m_{021}^{(22)}m_{400}^{(11)}-m_{011}^{(20)}m_{021}^{(22)}m_{310}^{(10)}+m_{011}^{(20)}m_{012}^{(00)}m_{220}^{(21)}-2m_{011}^{(20)}m_{012}^{(00)}m_{130}^{(20)}\\
&+m_{011}^{(20)}m_{012}^{(00)}m_{121}^{(10)}-2m_{011}^{(20)}m_{012}^{(10)}m_{310}^{(21)}+4m_{011}^{(20)}m_{012}^{(10)}m_{220}^{(20)}-2m_{011}^{(20)}m_{012}^{(10)}m_{211}^{(10)}\\
&+m_{011}^{(20)}m_{012}^{(11)}m_{400}^{(21)}-2m_{011}^{(20)}m_{012}^{(11)}m_{310}^{(20)}+m_{011}^{(20)}m_{012}^{(11)}m_{301}^{(10)}-m_{011}^{(20)}m_{003}^{(00)}m_{220}^{(11)}\\
&+m_{011}^{(20)}m_{003}^{(00)}m_{130}^{(10)}+2m_{011}^{(20)}m_{003}^{(10)}m_{310}^{(11)}-2m_{011}^{(20)}m_{003}^{(10)}m_{220}^{(10)}-m_{011}^{(20)}m_{003}^{(11)}m_{400}^{(11)}\\
&+m_{011}^{(20)}m_{003}^{(11)}m_{310}^{(10)}+4m_{011}^{(21)}m_{300}^{(10)}m_{112}^{(21)}-2m_{011}^{(21)}m_{300}^{(10)}m_{022}^{(20)}-2m_{011}^{(21)}m_{300}^{(10)}m_{013}^{(10)}\\
&-2m_{011}^{(21)}m_{300}^{(11)}m_{202}^{(21)}+m_{011}^{(21)}m_{300}^{(11)}m_{112}^{(20)}+m_{011}^{(21)}m_{300}^{(11)}m_{103}^{(10)}-4m_{011}^{(21)}m_{300}^{(20)}m_{121}^{(21)}\\
&+2m_{011}^{(21)}m_{300}^{(20)}m_{031}^{(20)}+2m_{011}^{(21)}m_{300}^{(20)}m_{022}^{(10)}+2m_{011}^{(21)}m_{300}^{(22)}m_{220}^{(21)}-m_{011}^{(21)}m_{300}^{(22)}m_{130}^{(20)}\\
&-m_{011}^{(21)}m_{300}^{(22)}m_{121}^{(10)}-4m_{011}^{(21)}m_{210}^{(00)}m_{112}^{(21)}+2m_{011}^{(21)}m_{210}^{(00)}m_{022}^{(20)}+2m_{011}^{(21)}m_{210}^{(00)}m_{013}^{(10)}\\
&-2m_{011}^{(21)}m_{210}^{(10)}m_{112}^{(20)}+2m_{011}^{(21)}m_{210}^{(10)}m_{013}^{(00)}+m_{011}^{(21)}m_{210}^{(11)}m_{202}^{(20)}-m_{011}^{(21)}m_{210}^{(11)}m_{103}^{(00)}
\end{aligned}
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\begin{aligned}
&+8m_{011}^{(21)}m_{210}^{(20)}m_{211}^{(21)} - 2m_{011}^{(21)}m_{210}^{(20)}m_{121}^{(20)} - 4m_{011}^{(21)}m_{210}^{(20)}m_{112}^{(10)} - 2m_{011}^{(21)}m_{210}^{(20)}m_{022}^{(00)}\\
&-4m_{011}^{(21)}m_{210}^{(22)}m_{310}^{(21)} + m_{011}^{(21)}m_{210}^{(22)}m_{220}^{(20)} + 2m_{011}^{(21)}m_{210}^{(22)}m_{211}^{(10)} + m_{011}^{(21)}m_{210}^{(22)}m_{121}^{(00)}\\
&+4m_{011}^{(21)}m_{201}^{(00)}m_{121}^{(21)} - 2m_{011}^{(21)}m_{201}^{(00)}m_{031}^{(20)} - 2m_{011}^{(21)}m_{201}^{(00)}m_{022}^{(10)} - 8m_{011}^{(21)}m_{201}^{(10)}m_{211}^{(21)}\\
&+4m_{011}^{(21)}m_{201}^{(10)}m_{121}^{(20)} + 2m_{011}^{(21)}m_{201}^{(10)}m_{112}^{(10)} + 2m_{011}^{(21)}m_{201}^{(10)}m_{022}^{(00)} + 4m_{011}^{(21)}m_{201}^{(11)}m_{301}^{(21)}\\
&-2m_{011}^{(21)}m_{201}^{(11)}m_{211}^{(20)} - m_{011}^{(21)}m_{201}^{(11)}m_{202}^{(10)} - m_{011}^{(21)}m_{201}^{(11)}m_{112}^{(00)} + 2m_{011}^{(21)}m_{201}^{(20)}m_{121}^{(10)}\\
&-2m_{011}^{(21)}m_{201}^{(20)}m_{031}^{(00)} - m_{011}^{(21)}m_{201}^{(22)}m_{220}^{(10)} + m_{011}^{(21)}m_{201}^{(22)}m_{130}^{(00)} + 2m_{011}^{(21)}m_{120}^{(00)}m_{202}^{(21)}\\
&+m_{011}^{(21)}m_{120}^{(00)}m_{112}^{(20)} - m_{011}^{(21)}m_{120}^{(00)}m_{103}^{(10)} - 2m_{011}^{(21)}m_{120}^{(00)}m_{013}^{(00)} - 4m_{011}^{(21)}m_{120}^{(20)}m_{301}^{(21)}\\
&-2m_{011}^{(21)}m_{120}^{(20)}m_{211}^{(20)} + 2m_{011}^{(21)}m_{120}^{(20)}m_{202}^{(10)} + 4m_{011}^{(21)}m_{120}^{(20)}m_{112}^{(00)} + 2m_{011}^{(21)}m_{120}^{(22)}m_{400}^{(21)}\\
&+m_{011}^{(21)}m_{120}^{(22)}m_{310}^{(20)} - m_{011}^{(21)}m_{120}^{(22)}m_{301}^{(10)} - 2m_{011}^{(21)}m_{120}^{(22)}m_{211}^{(00)} - 2m_{011}^{(21)}m_{111}^{(00)}m_{121}^{(20)}\\
&+2m_{011}^{(21)}m_{111}^{(00)}m_{112}^{(10)} + 4m_{011}^{(21)}m_{111}^{(10)}m_{211}^{(20)} - 4m_{011}^{(21)}m_{111}^{(10)}m_{112}^{(00)} - 2m_{011}^{(21)}m_{111}^{(11)}m_{301}^{(20)}\\
&+2m_{011}^{(21)}m_{111}^{(11)}m_{202}^{(00)} - 4m_{011}^{(21)}m_{111}^{(20)}m_{211}^{(10)} + 4m_{011}^{(21)}m_{111}^{(20)}m_{121}^{(00)} + 2m_{011}^{(21)}m_{111}^{(22)}m_{310}^{(10)}\\
&-2m_{011}^{(21)}m_{111}^{(22)}m_{220}^{(00)} - 2m_{011}^{(21)}m_{102}^{(00)}m_{220}^{(21)} + m_{011}^{(21)}m_{102}^{(00)}m_{130}^{(20)} - m_{011}^{(21)}m_{102}^{(00)}m_{121}^{(10)}\\
&+2m_{011}^{(21)}m_{102}^{(00)}m_{031}^{(00)} + 4m_{011}^{(21)}m_{102}^{(10)}m_{310}^{(21)} - 2m_{011}^{(21)}m_{102}^{(10)}m_{220}^{(20)} + 2m_{011}^{(21)}m_{102}^{(10)}m_{211}^{(10)}\\
&-4m_{011}^{(21)}m_{102}^{(10)}m_{121}^{(00)} - 2m_{011}^{(21)}m_{102}^{(11)}m_{400}^{(21)} + m_{011}^{(21)}m_{102}^{(11)}m_{310}^{(20)} - m_{011}^{(21)}m_{102}^{(11)}m_{301}^{(10)}\\
&+2m_{011}^{(21)}m_{102}^{(11)}m_{211}^{(00)} - m_{011}^{(21)}m_{030}^{(00)}m_{202}^{(20)} + m_{011}^{(21)}m_{030}^{(00)}m_{103}^{(00)} + 2m_{011}^{(21)}m_{030}^{(20)}m_{301}^{(20)}\\
&-2m_{011}^{(21)}m_{030}^{(20)}m_{202}^{(00)} - m_{011}^{(21)}m_{030}^{(22)}m_{400}^{(20)} + m_{011}^{(21)}m_{030}^{(22)}m_{301}^{(00)} - m_{011}^{(21)}m_{021}^{(00)}m_{202}^{(10)}\\
&+m_{011}^{(21)}m_{021}^{(00)}m_{112}^{(00)} + 2m_{011}^{(21)}m_{021}^{(20)}m_{301}^{(10)} - 2m_{011}^{(21)}m_{021}^{(20)}m_{211}^{(00)} - m_{011}^{(21)}m_{021}^{(22)}m_{400}^{(10)}\\
&+m_{011}^{(21)}m_{021}^{(22)}m_{310}^{(00)} + m_{011}^{(21)}m_{012}^{(00)}m_{220}^{(20)} - m_{011}^{(21)}m_{012}^{(00)}m_{121}^{(00)} - 2m_{011}^{(21)}m_{012}^{(10)}m_{310}^{(20)}\\
&+2m_{011}^{(21)}m_{012}^{(10)}m_{211}^{(00)} + m_{011}^{(21)}m_{012}^{(11)}m_{400}^{(20)} - m_{011}^{(21)}m_{012}^{(11)}m_{301}^{(00)} + m_{011}^{(21)}m_{003}^{(00)}m_{220}^{(10)}\\
&-m_{011}^{(21)}m_{003}^{(00)}m_{130}^{(00)} - 2m_{011}^{(21)}m_{003}^{(10)}m_{310}^{(10)} + 2m_{011}^{(21)}m_{003}^{(10)}m_{220}^{(00)} + m_{011}^{(21)}m_{003}^{(11)}m_{400}^{(10)}\\
&-m_{011}^{(21)}m_{003}^{(11)}m_{310}^{(00)} - 2m_{011}^{(22)}m_{300}^{(10)}m_{112}^{(11)} + 2m_{011}^{(22)}m_{300}^{(10)}m_{022}^{(10)} + m_{011}^{(22)}m_{300}^{(11)}m_{202}^{(11)}\\
&-m_{011}^{(22)}m_{300}^{(11)}m_{112}^{(10)} + 2m_{011}^{(22)}m_{300}^{(20)}m_{121}^{(11)} - 2m_{011}^{(22)}m_{300}^{(20)}m_{031}^{(10)} - m_{011}^{(22)}m_{300}^{(22)}m_{220}^{(11)}\\
&+m_{011}^{(22)}m_{300}^{(22)}m_{130}^{(10)} + 2m_{011}^{(22)}m_{210}^{(00)}m_{112}^{(11)} - 2m_{011}^{(22)}m_{210}^{(00)}m_{022}^{(10)} + 2m_{011}^{(22)}m_{210}^{(10)}m_{112}^{(10)}\\
&-2m_{011}^{(22)}m_{210}^{(10)}m_{022}^{(00)} - m_{011}^{(22)}m_{210}^{(11)}m_{202}^{(10)} + m_{011}^{(22)}m_{210}^{(11)}m_{112}^{(00)} - 4m_{011}^{(22)}m_{210}^{(20)}m_{211}^{(11)}\\
&+2m_{011}^{(22)}m_{210}^{(20)}m_{121}^{(10)} + 2m_{011}^{(22)}m_{210}^{(20)}m_{031}^{(00)} + 2m_{011}^{(22)}m_{210}^{(22)}m_{310}^{(11)} - m_{011}^{(22)}m_{210}^{(22)}m_{220}^{(10)}\\
&-m_{011}^{(22)}m_{210}^{(22)}m_{130}^{(00)} - 2m_{011}^{(22)}m_{201}^{(00)}m_{121}^{(11)} + 2m_{011}^{(22)}m_{201}^{(00)}m_{031}^{(10)} + 4m_{011}^{(22)}m_{201}^{(10)}m_{211}^{(11)}\\
&-4m_{011}^{(22)}m_{201}^{(10)}m_{121}^{(10)} - 2m_{011}^{(22)}m_{201}^{(11)}m_{301}^{(11)} + 2m_{011}^{(22)}m_{201}^{(11)}m_{211}^{(10)} - m_{011}^{(22)}m_{120}^{(00)}m_{202}^{(11)}\\
&-m_{011}^{(22)}m_{120}^{(00)}m_{112}^{(10)} + 2m_{011}^{(22)}m_{120}^{(00)}m_{022}^{(00)} + 2m_{011}^{(22)}m_{120}^{(20)}m_{301}^{(11)} + 2m_{011}^{(22)}m_{120}^{(20)}m_{211}^{(10)}\\
&-4m_{011}^{(22)}m_{120}^{(20)}m_{121}^{(00)} - m_{011}^{(22)}m_{120}^{(22)}m_{400}^{(11)} - m_{011}^{(22)}m_{120}^{(22)}m_{310}^{(10)} + 2m_{011}^{(22)}m_{120}^{(22)}m_{220}^{(00)}\\
&+2m_{011}^{(22)}m_{111}^{(00)}m_{121}^{(10)} - 2m_{011}^{(22)}m_{111}^{(00)}m_{031}^{(00)} - 4m_{011}^{(22)}m_{111}^{(10)}m_{211}^{(10)} + 4m_{011}^{(22)}m_{111}^{(10)}m_{121}^{(00)}\\
&+2m_{011}^{(22)}m_{111}^{(11)}m_{301}^{(10)} - 2m_{011}^{(22)}m_{111}^{(11)}m_{211}^{(00)} + m_{011}^{(22)}m_{102}^{(00)}m_{220}^{(11)} - m_{011}^{(22)}m_{102}^{(00)}m_{130}^{(10)}\\
&-2m_{011}^{(22)}m_{102}^{(10)}m_{310}^{(11)} + 2m_{011}^{(22)}m_{102}^{(10)}m_{220}^{(10)} + m_{011}^{(22)}m_{102}^{(11)}m_{400}^{(11)} - m_{011}^{(22)}m_{102}^{(11)}m_{310}^{(10)}\\
&+m_{011}^{(22)}m_{030}^{(00)}m_{202}^{(10)} - m_{011}^{(22)}m_{030}^{(00)}m_{112}^{(00)} - 2m_{011}^{(22)}m_{030}^{(20)}m_{301}^{(10)} + 2m_{011}^{(22)}m_{030}^{(20)}m_{211}^{(00)}\\
&+m_{011}^{(22)}m_{030}^{(22)}m_{400}^{(10)} - m_{011}^{(22)}m_{030}^{(22)}m_{310}^{(00)} - m_{011}^{(22)}m_{012}^{(00)}m_{220}^{(10)} + m_{011}^{(22)}m_{012}^{(00)}m_{130}^{(00)}\\
&+2m_{011}^{(22)}m_{012}^{(10)}m_{310}^{(10)} - 2m_{011}^{(22)}m_{012}^{(10)}m_{220}^{(00)} - m_{011}^{(22)}m_{012}^{(11)}m_{400}^{(10)} + m_{011}^{(22)}m_{012}^{(11)}m_{310}^{(00)}\\
&+m_{002}^{(00)}m_{210}^{(10)}m_{031}^{(22)} - m_{002}^{(00)}m_{210}^{(10)}m_{022}^{(21)} - m_{002}^{(00)}m_{210}^{(11)}m_{121}^{(22)} + m_{002}^{(00)}m_{210}^{(11)}m_{112}^{(21)}\\
&-m_{002}^{(00)}m_{210}^{(20)}m_{040}^{(22)} + m_{002}^{(00)}m_{210}^{(20)}m_{031}^{(21)} + m_{002}^{(00)}m_{210}^{(21)}m_{130}^{(22)} - m_{002}^{(00)}m_{210}^{(21)}m_{121}^{(21)}\\
&-m_{002}^{(00)}m_{201}^{(10)}m_{031}^{(21)} + m_{002}^{(00)}m_{201}^{(10)}m_{022}^{(11)} + m_{002}^{(00)}m_{201}^{(11)}m_{121}^{(21)} - m_{002}^{(00)}m_{201}^{(11)}m_{112}^{(11)}
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\begin{aligned}
&+m_{002}^{(00)}m_{201}^{(20)}m_{040}^{(21)} - m_{002}^{(00)}m_{201}^{(20)}m_{031}^{(11)} - m_{002}^{(00)}m_{201}^{(21)}m_{130}^{(21)} + m_{002}^{(00)}m_{201}^{(21)}m_{121}^{(11)}\\
&-m_{002}^{(00)}m_{120}^{(00)}m_{031}^{(22)} + m_{002}^{(00)}m_{120}^{(00)}m_{022}^{(21)} + m_{002}^{(00)}m_{120}^{(11)}m_{211}^{(22)} - m_{002}^{(00)}m_{120}^{(11)}m_{202}^{(21)}\\
&+2m_{002}^{(00)}m_{120}^{(20)}m_{130}^{(22)} - 2m_{002}^{(00)}m_{120}^{(20)}m_{121}^{(21)} - 2m_{002}^{(00)}m_{120}^{(21)}m_{220}^{(22)} + 2m_{002}^{(00)}m_{120}^{(21)}m_{211}^{(21)}\\
&+m_{002}^{(00)}m_{111}^{(00)}m_{040}^{(22)} - m_{002}^{(00)}m_{111}^{(00)}m_{022}^{(11)} - 2m_{002}^{(00)}m_{111}^{(10)}m_{130}^{(22)} + 2m_{002}^{(00)}m_{111}^{(10)}m_{121}^{(21)}\\
&+m_{002}^{(00)}m_{111}^{(11)}m_{220}^{(22)} - 2m_{002}^{(00)}m_{111}^{(11)}m_{211}^{(21)} + m_{002}^{(00)}m_{111}^{(11)}m_{202}^{(11)} - 2m_{002}^{(00)}m_{111}^{(20)}m_{130}^{(21)}\\
&+2m_{002}^{(00)}m_{111}^{(20)}m_{121}^{(11)} + 2m_{002}^{(00)}m_{111}^{(21)}m_{220}^{(21)} - 2m_{002}^{(00)}m_{111}^{(21)}m_{211}^{(11)} - m_{002}^{(00)}m_{102}^{(00)}m_{040}^{(21)}\\
&+m_{002}^{(00)}m_{102}^{(00)}m_{031}^{(11)} + 2m_{002}^{(00)}m_{102}^{(10)}m_{130}^{(21)} - 2m_{002}^{(00)}m_{102}^{(10)}m_{121}^{(11)} - m_{002}^{(00)}m_{102}^{(11)}m_{220}^{(21)}\\
&+m_{002}^{(00)}m_{102}^{(11)}m_{211}^{(11)} + m_{002}^{(00)}m_{030}^{(00)}m_{121}^{(22)} - m_{002}^{(00)}m_{030}^{(00)}m_{112}^{(21)} - m_{002}^{(00)}m_{030}^{(10)}m_{211}^{(22)}\\
&+m_{002}^{(00)}m_{030}^{(10)}m_{202}^{(21)} - m_{002}^{(00)}m_{030}^{(20)}m_{220}^{(22)} + m_{002}^{(00)}m_{030}^{(20)}m_{211}^{(21)} + m_{002}^{(00)}m_{030}^{(21)}m_{310}^{(22)}\\
&-m_{002}^{(00)}m_{030}^{(21)}m_{301}^{(21)} - m_{002}^{(00)}m_{021}^{(00)}m_{130}^{(22)} + m_{002}^{(00)}m_{021}^{(00)}m_{112}^{(11)} + 2m_{002}^{(00)}m_{021}^{(10)}m_{220}^{(22)}\\
&-m_{002}^{(00)}m_{021}^{(10)}m_{211}^{(21)} - m_{002}^{(00)}m_{021}^{(10)}m_{202}^{(11)} - m_{002}^{(00)}m_{021}^{(11)}m_{310}^{(22)} + m_{002}^{(00)}m_{021}^{(11)}m_{301}^{(21)}\\
&+m_{002}^{(00)}m_{021}^{(20)}m_{220}^{(21)} - m_{002}^{(00)}m_{021}^{(20)}m_{211}^{(11)} - m_{002}^{(00)}m_{021}^{(21)}m_{310}^{(21)} + m_{002}^{(00)}m_{021}^{(21)}m_{301}^{(11)}\\
&+m_{002}^{(00)}m_{012}^{(00)}m_{130}^{(21)} - m_{002}^{(00)}m_{012}^{(00)}m_{121}^{(11)} - 2m_{002}^{(00)}m_{012}^{(10)}m_{220}^{(21)} + 2m_{002}^{(00)}m_{012}^{(10)}m_{211}^{(11)}\\
&+m_{002}^{(00)}m_{012}^{(11)}m_{310}^{(21)} - m_{002}^{(00)}m_{012}^{(11)}m_{301}^{(11)} - m_{002}^{(10)}m_{300}^{(10)}m_{031}^{(22)} + m_{002}^{(10)}m_{300}^{(10)}m_{022}^{(21)}\\
&+m_{002}^{(10)}m_{300}^{(11)}m_{121}^{(22)} - m_{002}^{(10)}m_{300}^{(11)}m_{112}^{(21)} + m_{002}^{(10)}m_{300}^{(20)}m_{040}^{(22)} - m_{002}^{(10)}m_{300}^{(20)}m_{031}^{(21)}\\
&-m_{002}^{(10)}m_{300}^{(21)}m_{130}^{(22)} + m_{002}^{(10)}m_{300}^{(21)}m_{121}^{(21)} + m_{002}^{(10)}m_{210}^{(00)}m_{031}^{(22)} - m_{002}^{(10)}m_{210}^{(00)}m_{022}^{(21)}\\
&-m_{002}^{(10)}m_{210}^{(10)}m_{121}^{(22)} + m_{002}^{(10)}m_{210}^{(10)}m_{022}^{(20)} + m_{002}^{(10)}m_{210}^{(11)}m_{202}^{(21)} - m_{002}^{(10)}m_{210}^{(11)}m_{112}^{(20)}\\
&-m_{002}^{(10)}m_{210}^{(20)}m_{130}^{(22)} + 2m_{002}^{(10)}m_{210}^{(20)}m_{121}^{(21)} - m_{002}^{(10)}m_{210}^{(20)}m_{031}^{(20)} + m_{002}^{(10)}m_{210}^{(21)}m_{220}^{(22)}\\
&-2m_{002}^{(10)}m_{210}^{(21)}m_{211}^{(21)} + m_{002}^{(10)}m_{210}^{(21)}m_{121}^{(20)} - m_{002}^{(10)}m_{201}^{(00)}m_{040}^{(22)} + m_{002}^{(10)}m_{201}^{(00)}m_{031}^{(21)}\\
&+2m_{002}^{(10)}m_{201}^{(10)}m_{130}^{(22)} - m_{002}^{(10)}m_{201}^{(10)}m_{121}^{(21)} + m_{002}^{(10)}m_{201}^{(10)}m_{031}^{(20)} - 2m_{002}^{(10)}m_{201}^{(10)}m_{022}^{(10)}\\
&-m_{002}^{(10)}m_{201}^{(11)}m_{220}^{(22)} - m_{002}^{(10)}m_{201}^{(11)}m_{121}^{(20)} + 2m_{002}^{(10)}m_{201}^{(11)}m_{112}^{(10)} - m_{002}^{(10)}m_{201}^{(20)}m_{130}^{(21)}\\
&-m_{002}^{(10)}m_{201}^{(20)}m_{040}^{(20)} + 2m_{002}^{(10)}m_{201}^{(20)}m_{031}^{(10)} + m_{002}^{(10)}m_{201}^{(21)}m_{220}^{(21)} + m_{002}^{(10)}m_{201}^{(21)}m_{130}^{(20)}\\
&-2m_{002}^{(10)}m_{201}^{(21)}m_{121}^{(10)} + m_{002}^{(10)}m_{120}^{(00)}m_{112}^{(21)} - m_{002}^{(10)}m_{120}^{(00)}m_{022}^{(20)} + m_{002}^{(10)}m_{120}^{(10)}m_{211}^{(22)}\\
&-m_{002}^{(10)}m_{120}^{(10)}m_{202}^{(21)} - m_{002}^{(10)}m_{120}^{(11)}m_{301}^{(22)} + m_{002}^{(10)}m_{120}^{(11)}m_{202}^{(20)} - m_{002}^{(10)}m_{120}^{(20)}m_{220}^{(22)}\\
&-m_{002}^{(10)}m_{120}^{(20)}m_{211}^{(21)} + 2m_{002}^{(10)}m_{120}^{(20)}m_{121}^{(20)} + m_{002}^{(10)}m_{120}^{(21)}m_{310}^{(22)} + m_{002}^{(10)}m_{120}^{(21)}m_{301}^{(21)}\\
&-2m_{002}^{(10)}m_{120}^{(21)}m_{211}^{(20)} - 2m_{002}^{(10)}m_{111}^{(00)}m_{121}^{(21)} + 2m_{002}^{(10)}m_{111}^{(00)}m_{112}^{(10)} + 2m_{002}^{(10)}m_{111}^{(10)}m_{211}^{(21)}\\
&-2m_{002}^{(10)}m_{111}^{(10)}m_{121}^{(20)} + 2m_{002}^{(10)}m_{111}^{(11)}m_{211}^{(20)} - 2m_{002}^{(10)}m_{111}^{(11)}m_{202}^{(10)} + 2m_{002}^{(10)}m_{111}^{(20)}m_{220}^{(21)}\\
&+2m_{002}^{(10)}m_{111}^{(20)}m_{130}^{(20)} - 4m_{002}^{(10)}m_{111}^{(20)}m_{121}^{(10)} - 2m_{002}^{(10)}m_{111}^{(21)}m_{310}^{(21)} - 2m_{002}^{(10)}m_{111}^{(21)}m_{220}^{(20)}\\
&+4m_{002}^{(10)}m_{111}^{(21)}m_{211}^{(10)} + m_{002}^{(10)}m_{102}^{(00)}m_{130}^{(21)} + m_{002}^{(10)}m_{102}^{(00)}m_{040}^{(20)} - 2m_{002}^{(10)}m_{102}^{(00)}m_{031}^{(10)}\\
&-2m_{002}^{(10)}m_{102}^{(10)}m_{220}^{(21)} - 2m_{002}^{(10)}m_{102}^{(10)}m_{130}^{(20)} + 4m_{002}^{(10)}m_{102}^{(10)}m_{121}^{(10)} + m_{002}^{(10)}m_{102}^{(11)}m_{310}^{(21)}\\
&+m_{002}^{(10)}m_{102}^{(11)}m_{220}^{(20)} - 2m_{002}^{(10)}m_{102}^{(11)}m_{211}^{(10)} - m_{002}^{(10)}m_{030}^{(00)}m_{211}^{(22)} + m_{002}^{(10)}m_{030}^{(00)}m_{112}^{(20)}\\
&+m_{002}^{(10)}m_{030}^{(10)}m_{301}^{(22)} - m_{002}^{(10)}m_{030}^{(10)}m_{202}^{(20)} + m_{002}^{(10)}m_{030}^{(20)}m_{310}^{(22)} - m_{002}^{(10)}m_{030}^{(20)}m_{211}^{(20)}\\
&-m_{002}^{(10)}m_{030}^{(21)}m_{400}^{(22)} + m_{002}^{(10)}m_{030}^{(21)}m_{301}^{(20)} + m_{002}^{(10)}m_{021}^{(00)}m_{220}^{(22)} + m_{002}^{(10)}m_{021}^{(00)}m_{211}^{(21)}\\
&-2m_{002}^{(10)}m_{021}^{(00)}m_{112}^{(10)} - 2m_{002}^{(10)}m_{021}^{(10)}m_{310}^{(22)} - m_{002}^{(10)}m_{021}^{(10)}m_{301}^{(21)} + m_{002}^{(10)}m_{021}^{(10)}m_{211}^{(20)}\\
&+2m_{002}^{(10)}m_{021}^{(10)}m_{202}^{(10)} + m_{002}^{(10)}m_{021}^{(11)}m_{400}^{(22)} - m_{002}^{(10)}m_{021}^{(11)}m_{301}^{(20)} - m_{002}^{(10)}m_{021}^{(20)}m_{310}^{(21)}\\
&-m_{002}^{(10)}m_{021}^{(20)}m_{220}^{(20)} + 2m_{002}^{(10)}m_{021}^{(20)}m_{211}^{(10)} + m_{002}^{(10)}m_{021}^{(21)}m_{400}^{(21)} + m_{002}^{(10)}m_{021}^{(21)}m_{310}^{(20)}\\
&-2m_{002}^{(10)}m_{021}^{(21)}m_{301}^{(10)} - m_{002}^{(10)}m_{012}^{(00)}m_{220}^{(22)} - m_{002}^{(10)}m_{012}^{(00)}m_{130}^{(20)} + 2m_{002}^{(10)}m_{012}^{(00)}m_{121}^{(10)}\\
&+2m_{002}^{(10)}m_{012}^{(10)}m_{310}^{(21)} + 2m_{002}^{(10)}m_{012}^{(10)}m_{220}^{(20)} - 4m_{002}^{(10)}m_{012}^{(10)}m_{211}^{(10)} - m_{002}^{(10)}m_{012}^{(11)}m_{400}^{(21)}
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\begin{aligned}
&-m_{002}^{(10)}m_{012}^{(11)}m_{310}^{(20)}+2m_{002}^{(10)}m_{012}^{(11)}m_{301}^{(10)}+m_{002}^{(11)}m_{300}^{(10)}m_{121}^{(22)}-m_{002}^{(11)}m_{300}^{(10)}m_{022}^{(20)}\\
&-m_{002}^{(11)}m_{300}^{(11)}m_{211}^{(22)}+m_{002}^{(11)}m_{300}^{(11)}m_{112}^{(20)}-m_{002}^{(11)}m_{300}^{(20)}m_{130}^{(22)}+m_{002}^{(11)}m_{300}^{(20)}m_{031}^{(20)}\\
&+m_{002}^{(11)}m_{300}^{(21)}m_{220}^{(22)}-m_{002}^{(11)}m_{300}^{(21)}m_{121}^{(20)}-m_{002}^{(11)}m_{210}^{(00)}m_{121}^{(22)}+m_{002}^{(11)}m_{210}^{(00)}m_{022}^{(20)}\\
&+m_{002}^{(11)}m_{210}^{(11)}m_{301}^{(22)}-m_{002}^{(11)}m_{210}^{(11)}m_{202}^{(20)}+2m_{002}^{(11)}m_{210}^{(20)}m_{220}^{(22)}-2m_{002}^{(11)}m_{210}^{(20)}m_{121}^{(20)}\\
&-2m_{002}^{(11)}m_{210}^{(21)}m_{310}^{(22)}+2m_{002}^{(11)}m_{210}^{(21)}m_{211}^{(20)}+m_{002}^{(11)}m_{201}^{(00)}m_{130}^{(22)}-m_{002}^{(11)}m_{201}^{(00)}m_{031}^{(20)}\\
&-2m_{002}^{(11)}m_{201}^{(10)}m_{220}^{(22)}+m_{002}^{(11)}m_{201}^{(10)}m_{121}^{(20)}+m_{002}^{(11)}m_{201}^{(10)}m_{022}^{(00)}+m_{002}^{(11)}m_{201}^{(11)}m_{310}^{(22)}\\
&-m_{002}^{(11)}m_{201}^{(11)}m_{112}^{(00)}+m_{002}^{(11)}m_{201}^{(20)}m_{130}^{(20)}-m_{002}^{(11)}m_{201}^{(20)}m_{031}^{(00)}-m_{002}^{(11)}m_{201}^{(21)}m_{220}^{(20)}\\
&+m_{002}^{(11)}m_{201}^{(21)}m_{121}^{(00)}+m_{002}^{(11)}m_{120}^{(00)}m_{211}^{(22)}-m_{002}^{(11)}m_{120}^{(00)}m_{112}^{(20)}-m_{002}^{(11)}m_{120}^{(10)}m_{301}^{(22)}\\
&+m_{002}^{(11)}m_{120}^{(10)}m_{202}^{(20)}-m_{002}^{(11)}m_{120}^{(20)}m_{310}^{(22)}+m_{002}^{(11)}m_{120}^{(20)}m_{211}^{(20)}+m_{002}^{(11)}m_{120}^{(21)}m_{400}^{(22)}\\
&-m_{002}^{(11)}m_{120}^{(21)}m_{301}^{(20)}-m_{002}^{(11)}m_{111}^{(00)}m_{220}^{(22)}+2m_{002}^{(11)}m_{111}^{(00)}m_{121}^{(20)}-m_{002}^{(11)}m_{111}^{(00)}m_{022}^{(00)}\\
&+2m_{002}^{(11)}m_{111}^{(10)}m_{310}^{(22)}-2m_{002}^{(11)}m_{111}^{(10)}m_{211}^{(20)}-m_{002}^{(11)}m_{111}^{(11)}m_{400}^{(22)}+m_{002}^{(11)}m_{111}^{(11)}m_{202}^{(00)}\\
&-2m_{002}^{(11)}m_{111}^{(20)}m_{220}^{(20)}+2m_{002}^{(11)}m_{111}^{(20)}m_{121}^{(00)}+2m_{002}^{(11)}m_{111}^{(21)}m_{310}^{(20)}-2m_{002}^{(11)}m_{111}^{(21)}m_{211}^{(00)}\\
&-m_{002}^{(11)}m_{102}^{(00)}m_{130}^{(20)}+m_{002}^{(11)}m_{102}^{(00)}m_{031}^{(00)}+2m_{002}^{(11)}m_{102}^{(10)}m_{220}^{(20)}-2m_{002}^{(11)}m_{102}^{(10)}m_{121}^{(00)}\\
&-m_{002}^{(11)}m_{102}^{(11)}m_{310}^{(20)}+m_{002}^{(11)}m_{102}^{(11)}m_{211}^{(00)}-m_{002}^{(11)}m_{021}^{(00)}m_{211}^{(20)}+m_{002}^{(11)}m_{021}^{(00)}m_{112}^{(00)}\\
&+m_{002}^{(11)}m_{021}^{(10)}m_{301}^{(20)}-m_{002}^{(11)}m_{021}^{(10)}m_{202}^{(00)}+m_{002}^{(11)}m_{021}^{(20)}m_{310}^{(20)}-m_{002}^{(11)}m_{021}^{(20)}m_{211}^{(00)}\\
&-m_{002}^{(11)}m_{021}^{(21)}m_{400}^{(20)}+m_{002}^{(11)}m_{021}^{(21)}m_{301}^{(00)}+m_{002}^{(11)}m_{012}^{(00)}m_{220}^{(20)}-m_{002}^{(11)}m_{012}^{(00)}m_{121}^{(00)}\\
&-2m_{002}^{(11)}m_{012}^{(10)}m_{310}^{(20)}+2m_{002}^{(11)}m_{012}^{(10)}m_{211}^{(00)}+m_{002}^{(11)}m_{012}^{(11)}m_{400}^{(20)}-m_{002}^{(11)}m_{012}^{(11)}m_{301}^{(00)}\\
&+m_{002}^{(20)}m_{300}^{(10)}m_{031}^{(21)}-m_{002}^{(20)}m_{300}^{(10)}m_{022}^{(11)}-m_{002}^{(20)}m_{300}^{(11)}m_{121}^{(21)}+m_{002}^{(20)}m_{300}^{(11)}m_{112}^{(11)}\\
&-m_{002}^{(20)}m_{300}^{(20)}m_{040}^{(21)}+m_{002}^{(20)}m_{300}^{(20)}m_{031}^{(11)}+m_{002}^{(20)}m_{300}^{(21)}m_{130}^{(21)}-m_{002}^{(20)}m_{300}^{(21)}m_{121}^{(11)}\\
&-m_{002}^{(20)}m_{210}^{(00)}m_{031}^{(21)}+m_{002}^{(20)}m_{210}^{(00)}m_{022}^{(11)}+m_{002}^{(20)}m_{210}^{(10)}m_{121}^{(21)}-2m_{002}^{(20)}m_{210}^{(10)}m_{031}^{(20)}\\
&+m_{002}^{(20)}m_{210}^{(10)}m_{022}^{(10)}-m_{002}^{(20)}m_{210}^{(11)}m_{202}^{(11)}+2m_{002}^{(20)}m_{210}^{(11)}m_{121}^{(20)}-m_{002}^{(20)}m_{210}^{(11)}m_{112}^{(10)}\\
&+m_{002}^{(20)}m_{210}^{(20)}m_{130}^{(21)}-2m_{002}^{(20)}m_{210}^{(20)}m_{121}^{(11)}+2m_{002}^{(20)}m_{210}^{(20)}m_{040}^{(20)}-m_{002}^{(20)}m_{210}^{(20)}m_{031}^{(10)}\\
&-m_{002}^{(20)}m_{210}^{(21)}m_{220}^{(21)}+2m_{002}^{(20)}m_{210}^{(21)}m_{211}^{(11)}-2m_{002}^{(20)}m_{210}^{(21)}m_{130}^{(20)}+m_{002}^{(20)}m_{210}^{(21)}m_{121}^{(10)}\\
&+m_{002}^{(20)}m_{201}^{(00)}m_{040}^{(21)}-m_{002}^{(20)}m_{201}^{(00)}m_{031}^{(11)}-2m_{002}^{(20)}m_{201}^{(10)}m_{130}^{(21)}+m_{002}^{(20)}m_{201}^{(10)}m_{121}^{(11)}\\
&+m_{002}^{(20)}m_{201}^{(10)}m_{031}^{(10)}+m_{002}^{(20)}m_{201}^{(11)}m_{220}^{(21)}-m_{002}^{(20)}m_{201}^{(11)}m_{121}^{(10)}+m_{002}^{(20)}m_{201}^{(20)}m_{130}^{(11)}\\
&-m_{002}^{(20)}m_{201}^{(20)}m_{040}^{(10)}-m_{002}^{(20)}m_{201}^{(21)}m_{220}^{(11)}+m_{002}^{(20)}m_{201}^{(21)}m_{130}^{(10)}-m_{002}^{(20)}m_{120}^{(00)}m_{112}^{(11)}\\
&+2m_{002}^{(20)}m_{120}^{(00)}m_{031}^{(20)}-m_{002}^{(20)}m_{120}^{(00)}m_{022}^{(10)}-m_{002}^{(20)}m_{120}^{(10)}m_{211}^{(21)}+m_{002}^{(20)}m_{120}^{(10)}m_{202}^{(11)}\\
&+m_{002}^{(20)}m_{120}^{(11)}m_{301}^{(21)}-2m_{002}^{(20)}m_{120}^{(11)}m_{211}^{(20)}+m_{002}^{(20)}m_{120}^{(11)}m_{202}^{(10)}+m_{002}^{(20)}m_{120}^{(20)}m_{220}^{(21)}\\
&+m_{002}^{(20)}m_{120}^{(20)}m_{211}^{(11)}-4m_{002}^{(20)}m_{120}^{(20)}m_{130}^{(20)}+2m_{002}^{(20)}m_{120}^{(20)}m_{121}^{(10)}-m_{002}^{(20)}m_{120}^{(21)}m_{310}^{(21)}\\
&-m_{002}^{(20)}m_{120}^{(21)}m_{301}^{(11)}+4m_{002}^{(20)}m_{120}^{(21)}m_{220}^{(20)}-2m_{002}^{(20)}m_{120}^{(21)}m_{211}^{(10)}+2m_{002}^{(20)}m_{111}^{(00)}m_{121}^{(11)}\\
&-2m_{002}^{(20)}m_{111}^{(00)}m_{040}^{(20)}-2m_{002}^{(20)}m_{111}^{(10)}m_{211}^{(11)}+4m_{002}^{(20)}m_{111}^{(10)}m_{130}^{(20)}-2m_{002}^{(20)}m_{111}^{(10)}m_{121}^{(10)}\\
&-2m_{002}^{(20)}m_{111}^{(11)}m_{220}^{(20)}+2m_{002}^{(20)}m_{111}^{(11)}m_{211}^{(10)}-2m_{002}^{(20)}m_{111}^{(20)}m_{220}^{(11)}+2m_{002}^{(20)}m_{111}^{(20)}m_{130}^{(10)}\\
&+2m_{002}^{(20)}m_{111}^{(21)}m_{310}^{(11)}-2m_{002}^{(20)}m_{111}^{(21)}m_{220}^{(10)}-m_{002}^{(20)}m_{102}^{(00)}m_{130}^{(11)}+m_{002}^{(20)}m_{102}^{(00)}m_{040}^{(10)}\\
&+2m_{002}^{(20)}m_{102}^{(10)}m_{220}^{(11)}-2m_{002}^{(20)}m_{102}^{(10)}m_{130}^{(10)}-m_{002}^{(20)}m_{102}^{(11)}m_{310}^{(11)}+m_{002}^{(20)}m_{102}^{(11)}m_{220}^{(10)}\\
&+m_{002}^{(20)}m_{030}^{(00)}m_{211}^{(21)}-2m_{002}^{(20)}m_{030}^{(00)}m_{121}^{(20)}+m_{002}^{(20)}m_{030}^{(00)}m_{112}^{(10)}-m_{002}^{(20)}m_{030}^{(10)}m_{301}^{(21)}\\
&+2m_{002}^{(20)}m_{030}^{(10)}m_{211}^{(20)}-m_{002}^{(20)}m_{030}^{(10)}m_{202}^{(10)}-m_{002}^{(20)}m_{030}^{(20)}m_{310}^{(21)}+2m_{002}^{(20)}m_{030}^{(20)}m_{220}^{(20)}\\
&-m_{002}^{(20)}m_{030}^{(20)}m_{211}^{(10)}+m_{002}^{(20)}m_{030}^{(21)}m_{400}^{(21)}-2m_{002}^{(20)}m_{030}^{(21)}m_{310}^{(20)}+m_{002}^{(20)}m_{030}^{(21)}m_{301}^{(10)}\\
&-m_{002}^{(20)}m_{021}^{(00)}m_{220}^{(21)}-m_{002}^{(20)}m_{021}^{(00)}m_{211}^{(11)}+2m_{002}^{(20)}m_{021}^{(00)}m_{130}^{(20)}+2m_{002}^{(20)}m_{021}^{(10)}m_{310}^{(21)}
\end{aligned}
$$

$$
\begin{aligned}
&+m_{002}^{(20)}m_{021}^{(10)}m_{301}^{(11)} - 4m_{002}^{(20)}m_{021}^{(10)}m_{220}^{(20)} + m_{002}^{(20)}m_{021}^{(10)}m_{211}^{(10)} - m_{002}^{(20)}m_{021}^{(11)}m_{400}^{(21)}\\
&+2m_{002}^{(20)}m_{021}^{(11)}m_{310}^{(20)} - m_{002}^{(20)}m_{021}^{(11)}m_{301}^{(10)} + m_{002}^{(20)}m_{021}^{(20)}m_{310}^{(11)} - m_{002}^{(20)}m_{021}^{(20)}m_{220}^{(10)}\\
&-m_{002}^{(20)}m_{021}^{(21)}m_{400}^{(11)} + m_{002}^{(20)}m_{021}^{(21)}m_{310}^{(10)} + m_{002}^{(20)}m_{012}^{(00)}m_{220}^{(11)} - m_{002}^{(20)}m_{012}^{(00)}m_{130}^{(10)}\\
&-2m_{002}^{(20)}m_{012}^{(10)}m_{310}^{(11)} + 2m_{002}^{(20)}m_{012}^{(10)}m_{220}^{(10)} + m_{002}^{(20)}m_{012}^{(11)}m_{400}^{(11)} - m_{002}^{(20)}m_{012}^{(11)}m_{310}^{(10)}\\
&-2m_{002}^{(21)}m_{300}^{(10)}m_{121}^{(21)} + m_{002}^{(21)}m_{300}^{(10)}m_{031}^{(20)} + m_{002}^{(21)}m_{300}^{(10)}m_{022}^{(10)} + 2m_{002}^{(21)}m_{300}^{(11)}m_{211}^{(21)}\\
&-m_{002}^{(21)}m_{300}^{(11)}m_{121}^{(20)} - m_{002}^{(21)}m_{300}^{(11)}m_{112}^{(10)} + 2m_{002}^{(21)}m_{300}^{(20)}m_{130}^{(21)} - m_{002}^{(21)}m_{300}^{(20)}m_{040}^{(20)}\\
&-m_{002}^{(21)}m_{300}^{(20)}m_{031}^{(10)} - 2m_{002}^{(21)}m_{300}^{(21)}m_{220}^{(21)} + m_{002}^{(21)}m_{300}^{(21)}m_{130}^{(20)} + m_{002}^{(21)}m_{300}^{(21)}m_{121}^{(10)}\\
&+2m_{002}^{(21)}m_{210}^{(00)}m_{121}^{(21)} - m_{002}^{(21)}m_{210}^{(00)}m_{031}^{(20)} - m_{002}^{(21)}m_{210}^{(00)}m_{022}^{(10)} + m_{002}^{(21)}m_{210}^{(10)}m_{121}^{(20)}\\
&-m_{002}^{(21)}m_{210}^{(10)}m_{022}^{(00)} - 2m_{002}^{(21)}m_{210}^{(11)}m_{301}^{(21)} + m_{002}^{(21)}m_{210}^{(11)}m_{202}^{(10)} + m_{002}^{(21)}m_{210}^{(11)}m_{112}^{(00)}\\
&-4m_{002}^{(21)}m_{210}^{(20)}m_{220}^{(21)} + m_{002}^{(21)}m_{210}^{(20)}m_{130}^{(20)} + 2m_{002}^{(21)}m_{210}^{(20)}m_{121}^{(10)} + m_{002}^{(21)}m_{210}^{(20)}m_{031}^{(00)}\\
&+4m_{002}^{(21)}m_{210}^{(21)}m_{310}^{(21)} - m_{002}^{(21)}m_{210}^{(21)}m_{220}^{(20)} - 2m_{002}^{(21)}m_{210}^{(21)}m_{211}^{(10)} - m_{002}^{(21)}m_{210}^{(21)}m_{121}^{(00)}\\
&-2m_{002}^{(21)}m_{201}^{(00)}m_{130}^{(21)} + m_{002}^{(21)}m_{201}^{(00)}m_{040}^{(20)} + m_{002}^{(21)}m_{201}^{(00)}m_{031}^{(10)} + 4m_{002}^{(21)}m_{201}^{(10)}m_{220}^{(21)}\\
&-2m_{002}^{(21)}m_{201}^{(10)}m_{130}^{(20)} - m_{002}^{(21)}m_{201}^{(10)}m_{121}^{(10)} - m_{002}^{(21)}m_{201}^{(10)}m_{031}^{(00)} - 2m_{002}^{(21)}m_{201}^{(11)}m_{310}^{(21)}\\
&+m_{002}^{(21)}m_{201}^{(11)}m_{220}^{(20)} + m_{002}^{(21)}m_{201}^{(11)}m_{121}^{(00)} - m_{002}^{(21)}m_{201}^{(20)}m_{130}^{(10)} + m_{002}^{(21)}m_{201}^{(20)}m_{040}^{(00)}\\
&+m_{002}^{(21)}m_{201}^{(21)}m_{220}^{(10)} - m_{002}^{(21)}m_{201}^{(21)}m_{130}^{(00)} - 2m_{002}^{(21)}m_{120}^{(00)}m_{211}^{(21)} + m_{002}^{(21)}m_{120}^{(00)}m_{112}^{(10)}\\
&+m_{002}^{(21)}m_{120}^{(00)}m_{022}^{(00)} + 2m_{002}^{(21)}m_{120}^{(10)}m_{301}^{(21)} - m_{002}^{(21)}m_{120}^{(10)}m_{211}^{(20)} - m_{002}^{(21)}m_{120}^{(10)}m_{202}^{(10)}\\
&+m_{002}^{(21)}m_{120}^{(11)}m_{301}^{(20)} - m_{002}^{(21)}m_{120}^{(11)}m_{202}^{(00)} + 2m_{002}^{(21)}m_{120}^{(20)}m_{310}^{(21)} + m_{002}^{(21)}m_{120}^{(20)}m_{220}^{(20)}\\
&-m_{002}^{(21)}m_{120}^{(20)}m_{211}^{(10)} - 2m_{002}^{(21)}m_{120}^{(20)}m_{121}^{(00)} - 2m_{002}^{(21)}m_{120}^{(21)}m_{400}^{(21)} - m_{002}^{(21)}m_{120}^{(21)}m_{310}^{(20)}\\
&+m_{002}^{(21)}m_{120}^{(21)}m_{301}^{(10)} + 2m_{002}^{(21)}m_{120}^{(21)}m_{211}^{(00)} + 2m_{002}^{(21)}m_{111}^{(00)}m_{220}^{(21)} - 2m_{002}^{(21)}m_{111}^{(00)}m_{121}^{(10)}\\
&-4m_{002}^{(21)}m_{111}^{(10)}m_{310}^{(21)} + 2m_{002}^{(21)}m_{111}^{(10)}m_{211}^{(10)} + 2m_{002}^{(21)}m_{111}^{(10)}m_{121}^{(00)} + 2m_{002}^{(21)}m_{111}^{(11)}m_{400}^{(21)}\\
&-2m_{002}^{(21)}m_{111}^{(11)}m_{211}^{(00)} + 2m_{002}^{(21)}m_{111}^{(20)}m_{220}^{(10)} - 2m_{002}^{(21)}m_{111}^{(20)}m_{130}^{(00)} - 2m_{002}^{(21)}m_{111}^{(21)}m_{310}^{(10)}\\
&+2m_{002}^{(21)}m_{111}^{(21)}m_{220}^{(00)} + m_{002}^{(21)}m_{102}^{(00)}m_{130}^{(10)} - m_{002}^{(21)}m_{102}^{(00)}m_{040}^{(00)} - 2m_{002}^{(21)}m_{102}^{(10)}m_{220}^{(10)}\\
&+2m_{002}^{(21)}m_{102}^{(10)}m_{130}^{(00)} + m_{002}^{(21)}m_{102}^{(11)}m_{310}^{(10)} - m_{002}^{(21)}m_{102}^{(11)}m_{220}^{(00)} + m_{002}^{(21)}m_{030}^{(00)}m_{211}^{(20)}\\
&-m_{002}^{(21)}m_{030}^{(00)}m_{112}^{(00)} - m_{002}^{(21)}m_{030}^{(10)}m_{301}^{(20)} + m_{002}^{(21)}m_{030}^{(10)}m_{202}^{(00)} - m_{002}^{(21)}m_{030}^{(20)}m_{310}^{(20)}\\
&+m_{002}^{(21)}m_{030}^{(20)}m_{211}^{(00)} + m_{002}^{(21)}m_{030}^{(21)}m_{400}^{(20)} - m_{002}^{(21)}m_{030}^{(21)}m_{301}^{(00)} - m_{002}^{(21)}m_{021}^{(00)}m_{220}^{(20)}\\
&+m_{002}^{(21)}m_{021}^{(00)}m_{211}^{(10)} + 2m_{002}^{(21)}m_{021}^{(10)}m_{310}^{(20)} - m_{002}^{(21)}m_{021}^{(10)}m_{301}^{(10)} - m_{002}^{(21)}m_{021}^{(10)}m_{211}^{(00)}\\
&-m_{002}^{(21)}m_{021}^{(11)}m_{400}^{(20)} + m_{002}^{(21)}m_{021}^{(11)}m_{301}^{(00)} - m_{002}^{(21)}m_{021}^{(20)}m_{310}^{(10)} + m_{002}^{(21)}m_{021}^{(20)}m_{220}^{(00)}\\
&+m_{002}^{(21)}m_{021}^{(21)}m_{400}^{(10)} - m_{002}^{(21)}m_{021}^{(21)}m_{310}^{(00)} - m_{002}^{(21)}m_{012}^{(00)}m_{220}^{(10)} + m_{002}^{(21)}m_{012}^{(00)}m_{130}^{(00)}\\
&+2m_{002}^{(21)}m_{012}^{(10)}m_{310}^{(10)} - 2m_{002}^{(21)}m_{012}^{(10)}m_{220}^{(00)} - m_{002}^{(21)}m_{012}^{(11)}m_{400}^{(10)} + m_{002}^{(21)}m_{012}^{(11)}m_{310}^{(00)}\\
&+m_{002}^{(22)}m_{300}^{(10)}m_{121}^{(11)} - m_{002}^{(22)}m_{300}^{(10)}m_{031}^{(10)} - m_{002}^{(22)}m_{300}^{(11)}m_{211}^{(11)} + m_{002}^{(22)}m_{300}^{(11)}m_{121}^{(10)}\\
&-m_{002}^{(22)}m_{300}^{(20)}m_{130}^{(11)} + m_{002}^{(22)}m_{300}^{(20)}m_{040}^{(10)} + m_{002}^{(22)}m_{300}^{(21)}m_{220}^{(11)} - m_{002}^{(22)}m_{300}^{(21)}m_{130}^{(10)}\\
&-m_{002}^{(22)}m_{210}^{(00)}m_{121}^{(11)} + m_{002}^{(22)}m_{210}^{(00)}m_{031}^{(10)} - m_{002}^{(22)}m_{210}^{(10)}m_{121}^{(10)} + m_{002}^{(22)}m_{210}^{(10)}m_{031}^{(00)}\\
&+m_{002}^{(22)}m_{210}^{(11)}m_{301}^{(11)} - m_{002}^{(22)}m_{210}^{(11)}m_{121}^{(00)} + 2m_{002}^{(22)}m_{210}^{(20)}m_{220}^{(11)} - m_{002}^{(22)}m_{210}^{(20)}m_{130}^{(10)}\\
&-m_{002}^{(22)}m_{210}^{(20)}m_{040}^{(00)} - 2m_{002}^{(22)}m_{210}^{(21)}m_{310}^{(11)} + m_{002}^{(22)}m_{210}^{(21)}m_{220}^{(10)} + m_{002}^{(22)}m_{210}^{(21)}m_{130}^{(00)}\\
&+m_{002}^{(22)}m_{201}^{(00)}m_{130}^{(11)} - m_{002}^{(22)}m_{201}^{(00)}m_{040}^{(10)} - 2m_{002}^{(22)}m_{201}^{(10)}m_{220}^{(11)} + 2m_{002}^{(22)}m_{201}^{(10)}m_{130}^{(10)}\\
&+m_{002}^{(22)}m_{201}^{(11)}m_{310}^{(11)} - m_{002}^{(22)}m_{201}^{(11)}m_{220}^{(10)} + m_{002}^{(22)}m_{120}^{(00)}m_{211}^{(11)} - m_{002}^{(22)}m_{120}^{(00)}m_{031}^{(00)}\\
&-m_{002}^{(22)}m_{120}^{(10)}m_{301}^{(11)} + m_{002}^{(22)}m_{120}^{(10)}m_{211}^{(10)} - m_{002}^{(22)}m_{120}^{(11)}m_{301}^{(10)} + m_{002}^{(22)}m_{120}^{(11)}m_{211}^{(00)}\\
&-m_{002}^{(22)}m_{120}^{(20)}m_{310}^{(11)} - m_{002}^{(22)}m_{120}^{(20)}m_{220}^{(10)} + 2m_{002}^{(22)}m_{120}^{(20)}m_{130}^{(00)} + m_{002}^{(22)}m_{120}^{(21)}m_{400}^{(11)}
\end{aligned}
$$

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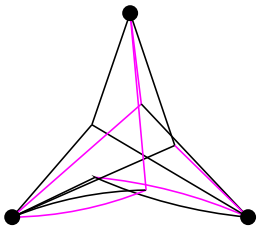
\begin{aligned}
&+m_{002}^{(22)}m_{120}^{(21)}m_{310}^{(10)} - 2m_{002}^{(22)}m_{120}^{(21)}m_{220}^{(00)} - m_{002}^{(22)}m_{111}^{(00)}m_{220}^{(11)} + m_{002}^{(22)}m_{111}^{(00)}m_{040}^{(00)}\\
&+2m_{002}^{(22)}m_{111}^{(10)}m_{310}^{(11)} - 2m_{002}^{(22)}m_{111}^{(10)}m_{130}^{(00)} - m_{002}^{(22)}m_{111}^{(11)}m_{400}^{(11)} + m_{002}^{(22)}m_{111}^{(11)}m_{220}^{(00)}\\
&-m_{002}^{(22)}m_{030}^{(00)}m_{211}^{(10)} + m_{002}^{(22)}m_{030}^{(00)}m_{121}^{(00)} + m_{002}^{(22)}m_{030}^{(10)}m_{301}^{(10)} - m_{002}^{(22)}m_{030}^{(10)}m_{211}^{(00)}\\
&+m_{002}^{(22)}m_{030}^{(20)}m_{310}^{(10)} - m_{002}^{(22)}m_{030}^{(20)}m_{220}^{(00)} - m_{002}^{(22)}m_{030}^{(21)}m_{400}^{(10)} + m_{002}^{(22)}m_{030}^{(21)}m_{310}^{(00)}\\
&+m_{002}^{(22)}m_{021}^{(00)}m_{220}^{(10)} - m_{002}^{(22)}m_{021}^{(00)}m_{130}^{(00)} - 2m_{002}^{(22)}m_{021}^{(10)}m_{310}^{(10)} + 2m_{002}^{(22)}m_{021}^{(10)}m_{220}^{(00)}\\
&+m_{002}^{(22)}m_{021}^{(11)}m_{400}^{(10)} - m_{002}^{(22)}m_{021}^{(11)}m_{310}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{rrrrr}
V1 & 1 & V1 & 1 & 1\\
1 & 2 & V2 & 2 & V3\\
V2 & V3 & 3 & 3 & 3
\end{array}
$$



$$
\begin{aligned}
T_{125} \;=\;& m_{200}^{(00)}m_{120}^{(11)}m_{013}^{(22)} - m_{200}^{(00)}m_{120}^{(11)}m_{004}^{(21)} - m_{200}^{(00)}m_{120}^{(21)}m_{022}^{(22)} + m_{200}^{(00)}m_{120}^{(21)}m_{004}^{(11)}\\
&+m_{200}^{(00)}m_{120}^{(22)}m_{022}^{(21)} - m_{200}^{(00)}m_{120}^{(22)}m_{013}^{(11)} - 2m_{200}^{(00)}m_{111}^{(11)}m_{022}^{(22)} + 2m_{200}^{(00)}m_{111}^{(11)}m_{013}^{(21)}\\
&+2m_{200}^{(00)}m_{111}^{(21)}m_{031}^{(22)} - 2m_{200}^{(00)}m_{111}^{(21)}m_{013}^{(11)} - 2m_{200}^{(00)}m_{111}^{(22)}m_{031}^{(21)} + 2m_{200}^{(00)}m_{111}^{(22)}m_{022}^{(11)}\\
&+m_{200}^{(00)}m_{102}^{(11)}m_{031}^{(22)} - m_{200}^{(00)}m_{102}^{(11)}m_{022}^{(21)} - m_{200}^{(00)}m_{102}^{(21)}m_{040}^{(22)} + m_{200}^{(00)}m_{102}^{(21)}m_{022}^{(11)}\\
&+m_{200}^{(00)}m_{102}^{(22)}m_{040}^{(21)} - m_{200}^{(00)}m_{102}^{(22)}m_{031}^{(11)} - m_{200}^{(00)}m_{030}^{(10)}m_{013}^{(22)} + m_{200}^{(00)}m_{030}^{(10)}m_{004}^{(21)}\\
&+m_{200}^{(00)}m_{030}^{(20)}m_{013}^{(21)} - m_{200}^{(00)}m_{030}^{(20)}m_{004}^{(11)} + m_{200}^{(00)}m_{030}^{(21)}m_{112}^{(22)} - m_{200}^{(00)}m_{030}^{(21)}m_{103}^{(21)}\\
&-m_{200}^{(00)}m_{030}^{(22)}m_{112}^{(21)} + m_{200}^{(00)}m_{030}^{(22)}m_{103}^{(11)} + 3m_{200}^{(00)}m_{021}^{(10)}m_{022}^{(22)} - 3m_{200}^{(00)}m_{021}^{(10)}m_{013}^{(21)}\\
&-m_{200}^{(00)}m_{021}^{(11)}m_{112}^{(22)} + m_{200}^{(00)}m_{021}^{(11)}m_{103}^{(21)} - 3m_{200}^{(00)}m_{021}^{(20)}m_{022}^{(21)} + 3m_{200}^{(00)}m_{021}^{(20)}m_{013}^{(11)}\\
&-2m_{200}^{(00)}m_{021}^{(21)}m_{121}^{(22)} + 3m_{200}^{(00)}m_{021}^{(21)}m_{112}^{(21)} - m_{200}^{(00)}m_{021}^{(21)}m_{103}^{(11)} + 2m_{200}^{(00)}m_{021}^{(22)}m_{121}^{(21)}\\
&-2m_{200}^{(00)}m_{021}^{(22)}m_{112}^{(11)} - 3m_{200}^{(00)}m_{012}^{(10)}m_{031}^{(22)} + 3m_{200}^{(00)}m_{012}^{(10)}m_{022}^{(21)} + 2m_{200}^{(00)}m_{012}^{(11)}m_{121}^{(22)}\\
&-2m_{200}^{(00)}m_{012}^{(11)}m_{112}^{(21)} + 3m_{200}^{(00)}m_{012}^{(20)}m_{031}^{(21)} - 3m_{200}^{(00)}m_{012}^{(20)}m_{022}^{(11)} + m_{200}^{(00)}m_{012}^{(21)}m_{130}^{(22)}\\
&-3m_{200}^{(00)}m_{012}^{(21)}m_{121}^{(21)} + 2m_{200}^{(00)}m_{012}^{(21)}m_{112}^{(11)} - m_{200}^{(00)}m_{012}^{(22)}m_{130}^{(21)} + m_{200}^{(00)}m_{012}^{(22)}m_{121}^{(11)}\\
&+m_{200}^{(00)}m_{003}^{(10)}m_{040}^{(22)} - m_{200}^{(00)}m_{003}^{(10)}m_{031}^{(21)} - m_{200}^{(00)}m_{003}^{(11)}m_{130}^{(22)} + m_{200}^{(00)}m_{003}^{(11)}m_{121}^{(21)}\\
&-m_{200}^{(00)}m_{003}^{(20)}m_{040}^{(21)} + m_{200}^{(00)}m_{003}^{(20)}m_{031}^{(11)} + m_{200}^{(00)}m_{003}^{(21)}m_{130}^{(21)} - m_{200}^{(00)}m_{003}^{(21)}m_{121}^{(11)}\\
&-m_{200}^{(10)}m_{120}^{(10)}m_{013}^{(22)} + m_{200}^{(10)}m_{120}^{(10)}m_{004}^{(21)} - m_{200}^{(10)}m_{120}^{(11)}m_{103}^{(22)} + m_{200}^{(10)}m_{120}^{(11)}m_{004}^{(20)}\\
&+m_{200}^{(10)}m_{120}^{(20)}m_{022}^{(22)} - m_{200}^{(10)}m_{120}^{(20)}m_{013}^{(21)} + m_{200}^{(10)}m_{120}^{(21)}m_{112}^{(22)} + m_{200}^{(10)}m_{120}^{(21)}m_{103}^{(21)}\\
&-2m_{200}^{(10)}m_{120}^{(21)}m_{004}^{(10)} - m_{200}^{(10)}m_{120}^{(22)}m_{112}^{(21)} - m_{200}^{(10)}m_{120}^{(22)}m_{022}^{(20)} + 2m_{200}^{(10)}m_{120}^{(22)}m_{013}^{(10)}
\end{aligned}
$$

$$
\begin{aligned}
&+2m_{200}^{(10)}m_{111}^{(10)}m_{022}^{(22)} - 2m_{200}^{(10)}m_{111}^{(10)}m_{013}^{(21)} + 2m_{200}^{(10)}m_{111}^{(11)}m_{112}^{(22)} - 2m_{200}^{(10)}m_{111}^{(11)}m_{013}^{(20)}\\
&-2m_{200}^{(10)}m_{111}^{(20)}m_{031}^{(22)} + 2m_{200}^{(10)}m_{111}^{(20)}m_{022}^{(21)} - 2m_{200}^{(10)}m_{111}^{(21)}m_{121}^{(22)} - 2m_{200}^{(10)}m_{111}^{(21)}m_{112}^{(21)}\\
&+4m_{200}^{(10)}m_{111}^{(21)}m_{013}^{(10)} + 2m_{200}^{(10)}m_{111}^{(22)}m_{121}^{(21)} + 2m_{200}^{(10)}m_{111}^{(22)}m_{031}^{(20)} - 4m_{200}^{(10)}m_{111}^{(22)}m_{022}^{(10)}\\
&-m_{200}^{(10)}m_{102}^{(10)}m_{031}^{(22)} + m_{200}^{(10)}m_{102}^{(10)}m_{022}^{(21)} - m_{200}^{(10)}m_{102}^{(11)}m_{121}^{(22)} + m_{200}^{(10)}m_{102}^{(11)}m_{022}^{(20)}\\
&+m_{200}^{(10)}m_{102}^{(20)}m_{040}^{(22)} - m_{200}^{(10)}m_{102}^{(20)}m_{031}^{(21)} + m_{200}^{(10)}m_{102}^{(21)}m_{130}^{(22)} + m_{200}^{(10)}m_{102}^{(21)}m_{121}^{(21)}\\
&-2m_{200}^{(10)}m_{102}^{(21)}m_{022}^{(10)} - m_{200}^{(10)}m_{102}^{(22)}m_{130}^{(21)} - m_{200}^{(10)}m_{102}^{(22)}m_{040}^{(20)} + 2m_{200}^{(10)}m_{102}^{(22)}m_{031}^{(10)}\\
&+m_{200}^{(10)}m_{030}^{(00)}m_{013}^{(22)} - m_{200}^{(10)}m_{030}^{(00)}m_{004}^{(21)} + m_{200}^{(10)}m_{030}^{(10)}m_{103}^{(22)} - m_{200}^{(10)}m_{030}^{(10)}m_{004}^{(20)}\\
&-m_{200}^{(10)}m_{030}^{(20)}m_{112}^{(22)} - m_{200}^{(10)}m_{030}^{(20)}m_{013}^{(20)} + 2m_{200}^{(10)}m_{030}^{(20)}m_{004}^{(10)} - m_{200}^{(10)}m_{030}^{(21)}m_{202}^{(22)}\\
&+m_{200}^{(10)}m_{030}^{(21)}m_{103}^{(20)} + m_{200}^{(10)}m_{030}^{(22)}m_{202}^{(21)} + m_{200}^{(10)}m_{030}^{(22)}m_{112}^{(20)} - 2m_{200}^{(10)}m_{030}^{(22)}m_{103}^{(10)}\\
&-3m_{200}^{(10)}m_{021}^{(00)}m_{022}^{(22)} + 3m_{200}^{(10)}m_{021}^{(00)}m_{013}^{(21)} - 2m_{200}^{(10)}m_{021}^{(10)}m_{112}^{(22)} - m_{200}^{(10)}m_{021}^{(10)}m_{103}^{(21)}\\
&+3m_{200}^{(10)}m_{021}^{(10)}m_{013}^{(20)} + m_{200}^{(10)}m_{021}^{(11)}m_{202}^{(22)} - m_{200}^{(10)}m_{021}^{(11)}m_{103}^{(20)} + 2m_{200}^{(10)}m_{021}^{(20)}m_{121}^{(22)}\\
&+m_{200}^{(10)}m_{021}^{(20)}m_{112}^{(21)} + 3m_{200}^{(10)}m_{021}^{(20)}m_{022}^{(20)} - 6m_{200}^{(10)}m_{021}^{(20)}m_{013}^{(10)} + 2m_{200}^{(10)}m_{021}^{(21)}m_{211}^{(22)}\\
&-m_{200}^{(10)}m_{021}^{(21)}m_{202}^{(21)} - 3m_{200}^{(10)}m_{021}^{(21)}m_{112}^{(20)} + 2m_{200}^{(10)}m_{021}^{(21)}m_{103}^{(10)} - 2m_{200}^{(10)}m_{021}^{(22)}m_{211}^{(21)}\\
&-2m_{200}^{(10)}m_{021}^{(22)}m_{121}^{(20)} + 4m_{200}^{(10)}m_{021}^{(22)}m_{112}^{(10)} + 3m_{200}^{(10)}m_{012}^{(00)}m_{031}^{(22)} - 3m_{200}^{(10)}m_{012}^{(00)}m_{022}^{(21)}\\
&+m_{200}^{(10)}m_{012}^{(10)}m_{121}^{(22)} + 2m_{200}^{(10)}m_{012}^{(10)}m_{112}^{(21)} - 3m_{200}^{(10)}m_{012}^{(10)}m_{022}^{(20)} - 2m_{200}^{(10)}m_{012}^{(11)}m_{211}^{(22)}\\
&+2m_{200}^{(10)}m_{012}^{(11)}m_{112}^{(20)} - m_{200}^{(10)}m_{012}^{(20)}m_{130}^{(22)} - 2m_{200}^{(10)}m_{012}^{(20)}m_{121}^{(21)} - 3m_{200}^{(10)}m_{012}^{(20)}m_{031}^{(20)}\\
&+6m_{200}^{(10)}m_{012}^{(20)}m_{022}^{(10)} - m_{200}^{(10)}m_{012}^{(21)}m_{220}^{(22)} + 2m_{200}^{(10)}m_{012}^{(21)}m_{211}^{(21)} + 3m_{200}^{(10)}m_{012}^{(21)}m_{121}^{(20)}\\
&-4m_{200}^{(10)}m_{012}^{(21)}m_{112}^{(10)} + m_{200}^{(10)}m_{012}^{(22)}m_{220}^{(21)} + m_{200}^{(10)}m_{012}^{(22)}m_{130}^{(20)} - 2m_{200}^{(10)}m_{012}^{(22)}m_{121}^{(10)}\\
&-m_{200}^{(10)}m_{003}^{(00)}m_{040}^{(22)} + m_{200}^{(10)}m_{003}^{(00)}m_{031}^{(21)} - m_{200}^{(10)}m_{003}^{(10)}m_{121}^{(21)} + m_{200}^{(10)}m_{003}^{(10)}m_{031}^{(20)}\\
&+m_{200}^{(10)}m_{003}^{(11)}m_{220}^{(22)} - m_{200}^{(10)}m_{003}^{(11)}m_{121}^{(20)} + m_{200}^{(10)}m_{003}^{(20)}m_{130}^{(21)} + m_{200}^{(10)}m_{003}^{(20)}m_{040}^{(20)}\\
&-2m_{200}^{(10)}m_{003}^{(20)}m_{031}^{(10)} - m_{200}^{(10)}m_{003}^{(21)}m_{220}^{(21)} - m_{200}^{(10)}m_{003}^{(21)}m_{130}^{(20)} + 2m_{200}^{(10)}m_{003}^{(21)}m_{121}^{(10)}\\
&+m_{200}^{(11)}m_{120}^{(10)}m_{103}^{(22)} - m_{200}^{(11)}m_{120}^{(10)}m_{004}^{(20)} - m_{200}^{(11)}m_{120}^{(20)}m_{112}^{(22)} + m_{200}^{(11)}m_{120}^{(20)}m_{013}^{(20)}\\
&-m_{200}^{(11)}m_{120}^{(21)}m_{103}^{(20)} + m_{200}^{(11)}m_{120}^{(21)}m_{004}^{(00)} + m_{200}^{(11)}m_{120}^{(22)}m_{112}^{(20)} - m_{200}^{(11)}m_{120}^{(22)}m_{013}^{(00)}\\
&-2m_{200}^{(11)}m_{111}^{(10)}m_{112}^{(22)} + 2m_{200}^{(11)}m_{111}^{(10)}m_{013}^{(20)} + 2m_{200}^{(11)}m_{111}^{(20)}m_{121}^{(22)} - 2m_{200}^{(11)}m_{111}^{(20)}m_{013}^{(20)}\\
&+2m_{200}^{(11)}m_{111}^{(21)}m_{112}^{(20)} - 2m_{200}^{(11)}m_{111}^{(21)}m_{013}^{(00)} - 2m_{200}^{(11)}m_{111}^{(22)}m_{121}^{(20)} + 2m_{200}^{(11)}m_{111}^{(22)}m_{022}^{(00)}\\
&+m_{200}^{(11)}m_{102}^{(10)}m_{121}^{(22)} - m_{200}^{(11)}m_{102}^{(10)}m_{022}^{(20)} - m_{200}^{(11)}m_{102}^{(20)}m_{130}^{(22)} + m_{200}^{(11)}m_{102}^{(20)}m_{031}^{(20)}\\
&-m_{200}^{(11)}m_{102}^{(21)}m_{121}^{(20)} + m_{200}^{(11)}m_{102}^{(21)}m_{022}^{(00)} + m_{200}^{(11)}m_{102}^{(22)}m_{130}^{(20)} - m_{200}^{(11)}m_{102}^{(22)}m_{031}^{(00)}\\
&-m_{200}^{(11)}m_{030}^{(00)}m_{103}^{(22)} + m_{200}^{(11)}m_{030}^{(00)}m_{004}^{(20)} + m_{200}^{(11)}m_{030}^{(20)}m_{202}^{(22)} - m_{200}^{(11)}m_{030}^{(20)}m_{004}^{(00)}\\
&-m_{200}^{(11)}m_{030}^{(22)}m_{202}^{(20)} + m_{200}^{(11)}m_{030}^{(22)}m_{103}^{(00)} + 3m_{200}^{(11)}m_{021}^{(00)}m_{112}^{(22)} - 3m_{200}^{(11)}m_{021}^{(00)}m_{013}^{(20)}\\
&-m_{200}^{(11)}m_{021}^{(10)}m_{202}^{(22)} + m_{200}^{(11)}m_{021}^{(10)}m_{103}^{(20)} - 2m_{200}^{(11)}m_{021}^{(20)}m_{211}^{(22)} - m_{200}^{(11)}m_{021}^{(20)}m_{112}^{(20)}\\
&+3m_{200}^{(11)}m_{021}^{(20)}m_{013}^{(00)} + m_{200}^{(11)}m_{021}^{(21)}m_{202}^{(20)} - m_{200}^{(11)}m_{021}^{(21)}m_{103}^{(00)} + 2m_{200}^{(11)}m_{021}^{(22)}m_{211}^{(20)}\\
&-2m_{200}^{(11)}m_{021}^{(22)}m_{112}^{(00)} - 3m_{200}^{(11)}m_{012}^{(00)}m_{121}^{(22)} + 3m_{200}^{(11)}m_{012}^{(00)}m_{022}^{(20)} + 2m_{200}^{(11)}m_{012}^{(10)}m_{211}^{(22)}\\
&-2m_{200}^{(11)}m_{012}^{(10)}m_{112}^{(20)} + m_{200}^{(11)}m_{012}^{(20)}m_{220}^{(22)} + 2m_{200}^{(11)}m_{012}^{(20)}m_{121}^{(20)} - 3m_{200}^{(11)}m_{012}^{(20)}m_{022}^{(00)}\\
&-2m_{200}^{(11)}m_{012}^{(21)}m_{211}^{(20)} + 2m_{200}^{(11)}m_{012}^{(21)}m_{112}^{(00)} - m_{200}^{(11)}m_{012}^{(22)}m_{220}^{(20)} + m_{200}^{(11)}m_{012}^{(22)}m_{121}^{(00)}\\
&+m_{200}^{(11)}m_{003}^{(00)}m_{130}^{(22)} - m_{200}^{(11)}m_{003}^{(00)}m_{031}^{(20)} - m_{200}^{(11)}m_{003}^{(10)}m_{220}^{(22)} + m_{200}^{(11)}m_{003}^{(10)}m_{121}^{(20)}\\
&-m_{200}^{(11)}m_{003}^{(20)}m_{130}^{(20)} + m_{200}^{(11)}m_{003}^{(20)}m_{031}^{(00)} + m_{200}^{(11)}m_{003}^{(21)}m_{220}^{(20)} - m_{200}^{(11)}m_{003}^{(21)}m_{121}^{(00)}\\
&+m_{200}^{(20)}m_{120}^{(10)}m_{013}^{(21)} - m_{200}^{(20)}m_{120}^{(10)}m_{004}^{(11)} + m_{200}^{(20)}m_{120}^{(11)}m_{103}^{(21)} - 2m_{200}^{(20)}m_{120}^{(11)}m_{013}^{(20)}\\
&+m_{200}^{(20)}m_{120}^{(11)}m_{004}^{(10)} - m_{200}^{(20)}m_{120}^{(20)}m_{022}^{(21)} + m_{200}^{(20)}m_{120}^{(20)}m_{013}^{(11)} - m_{200}^{(20)}m_{120}^{(21)}m_{112}^{(21)}
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\begin{aligned}
&-m_{200}^{(20)}m_{120}^{(21)}m_{103}^{(11)}+2m_{200}^{(20)}m_{120}^{(21)}m_{022}^{(20)}+m_{200}^{(20)}m_{120}^{(22)}m_{112}^{(11)}-m_{200}^{(20)}m_{120}^{(22)}m_{022}^{(10)}\\
&-2m_{200}^{(20)}m_{111}^{(10)}m_{022}^{(21)}+2m_{200}^{(20)}m_{111}^{(10)}m_{013}^{(11)}-2m_{200}^{(20)}m_{111}^{(11)}m_{112}^{(21)}+4m_{200}^{(20)}m_{111}^{(11)}m_{022}^{(20)}\\
&-2m_{200}^{(20)}m_{111}^{(11)}m_{013}^{(10)}+2m_{200}^{(20)}m_{111}^{(20)}m_{031}^{(21)}-2m_{200}^{(20)}m_{111}^{(20)}m_{022}^{(11)}+2m_{200}^{(20)}m_{111}^{(21)}m_{121}^{(21)}\\
&+2m_{200}^{(20)}m_{111}^{(21)}m_{112}^{(11)}-4m_{200}^{(20)}m_{111}^{(21)}m_{031}^{(20)}-2m_{200}^{(20)}m_{111}^{(22)}m_{121}^{(11)}+2m_{200}^{(20)}m_{111}^{(22)}m_{031}^{(10)}\\
&+m_{200}^{(20)}m_{102}^{(10)}m_{031}^{(21)}-m_{200}^{(20)}m_{102}^{(10)}m_{022}^{(11)}+m_{200}^{(20)}m_{102}^{(11)}m_{121}^{(21)}-2m_{200}^{(20)}m_{102}^{(11)}m_{031}^{(20)}\\
&+m_{200}^{(20)}m_{102}^{(11)}m_{022}^{(10)}-m_{200}^{(20)}m_{102}^{(20)}m_{040}^{(21)}+m_{200}^{(20)}m_{102}^{(20)}m_{031}^{(11)}-m_{200}^{(20)}m_{102}^{(21)}m_{130}^{(21)}\\
&-m_{200}^{(20)}m_{102}^{(21)}m_{121}^{(11)}+2m_{200}^{(20)}m_{102}^{(21)}m_{040}^{(20)}+m_{200}^{(20)}m_{102}^{(22)}m_{130}^{(11)}-m_{200}^{(20)}m_{102}^{(22)}m_{040}^{(10)}\\
&-m_{200}^{(20)}m_{030}^{(00)}m_{013}^{(21)}+m_{200}^{(20)}m_{030}^{(00)}m_{004}^{(11)}-m_{200}^{(20)}m_{030}^{(10)}m_{103}^{(21)}+2m_{200}^{(20)}m_{030}^{(10)}m_{013}^{(20)}\\
&-m_{200}^{(20)}m_{030}^{(10)}m_{004}^{(10)}+m_{200}^{(20)}m_{030}^{(20)}m_{112}^{(21)}-m_{200}^{(20)}m_{030}^{(20)}m_{013}^{(10)}+m_{200}^{(20)}m_{030}^{(21)}m_{202}^{(21)}\\
&-2m_{200}^{(20)}m_{030}^{(21)}m_{112}^{(20)}+m_{200}^{(20)}m_{030}^{(21)}m_{103}^{(10)}-m_{200}^{(20)}m_{030}^{(22)}m_{202}^{(11)}+m_{200}^{(20)}m_{030}^{(22)}m_{112}^{(10)}\\
&+3m_{200}^{(20)}m_{021}^{(00)}m_{022}^{(21)}-3m_{200}^{(20)}m_{021}^{(00)}m_{013}^{(11)}+2m_{200}^{(20)}m_{021}^{(10)}m_{112}^{(21)}+m_{200}^{(20)}m_{021}^{(10)}m_{103}^{(11)}\\
&-6m_{200}^{(20)}m_{021}^{(10)}m_{022}^{(20)}+3m_{200}^{(20)}m_{021}^{(10)}m_{013}^{(10)}-m_{200}^{(20)}m_{021}^{(11)}m_{202}^{(21)}+2m_{200}^{(20)}m_{021}^{(11)}m_{112}^{(20)}\\
&-m_{200}^{(20)}m_{021}^{(11)}m_{103}^{(10)}-2m_{200}^{(20)}m_{021}^{(20)}m_{121}^{(21)}-m_{200}^{(20)}m_{021}^{(20)}m_{112}^{(11)}+3m_{200}^{(20)}m_{021}^{(20)}m_{022}^{(10)}\\
&-2m_{200}^{(20)}m_{021}^{(21)}m_{211}^{(21)}+m_{200}^{(20)}m_{021}^{(21)}m_{202}^{(11)}+4m_{200}^{(20)}m_{021}^{(21)}m_{121}^{(20)}-3m_{200}^{(20)}m_{021}^{(21)}m_{112}^{(10)}\\
&+2m_{200}^{(20)}m_{021}^{(22)}m_{211}^{(11)}-2m_{200}^{(20)}m_{021}^{(22)}m_{121}^{(10)}-3m_{200}^{(20)}m_{012}^{(00)}m_{031}^{(21)}+3m_{200}^{(20)}m_{012}^{(00)}m_{022}^{(11)}\\
&-m_{200}^{(20)}m_{012}^{(10)}m_{121}^{(21)}-2m_{200}^{(20)}m_{012}^{(10)}m_{112}^{(11)}+6m_{200}^{(20)}m_{012}^{(10)}m_{031}^{(20)}-3m_{200}^{(20)}m_{012}^{(10)}m_{022}^{(10)}\\
&+2m_{200}^{(20)}m_{012}^{(11)}m_{211}^{(21)}-4m_{200}^{(20)}m_{012}^{(11)}m_{121}^{(20)}+2m_{200}^{(20)}m_{012}^{(11)}m_{112}^{(10)}+m_{200}^{(20)}m_{012}^{(20)}m_{130}^{(21)}\\
&+2m_{200}^{(20)}m_{012}^{(20)}m_{121}^{(11)}-3m_{200}^{(20)}m_{012}^{(20)}m_{031}^{(10)}+m_{200}^{(20)}m_{012}^{(21)}m_{220}^{(21)}-2m_{200}^{(20)}m_{012}^{(21)}m_{211}^{(11)}\\
&-2m_{200}^{(20)}m_{012}^{(21)}m_{130}^{(20)}+3m_{200}^{(20)}m_{012}^{(21)}m_{121}^{(10)}-m_{200}^{(20)}m_{012}^{(22)}m_{220}^{(11)}+m_{200}^{(20)}m_{012}^{(22)}m_{130}^{(10)}\\
&+m_{200}^{(20)}m_{003}^{(00)}m_{040}^{(21)}-m_{200}^{(20)}m_{003}^{(00)}m_{031}^{(11)}+m_{200}^{(20)}m_{003}^{(10)}m_{121}^{(11)}-2m_{200}^{(20)}m_{003}^{(10)}m_{040}^{(20)}\\
&+m_{200}^{(20)}m_{003}^{(10)}m_{031}^{(10)}-m_{200}^{(20)}m_{003}^{(11)}m_{220}^{(21)}+2m_{200}^{(20)}m_{003}^{(11)}m_{130}^{(20)}-m_{200}^{(20)}m_{003}^{(11)}m_{121}^{(10)}\\
&-m_{200}^{(20)}m_{003}^{(20)}m_{130}^{(11)}+m_{200}^{(20)}m_{003}^{(20)}m_{040}^{(10)}+m_{200}^{(20)}m_{003}^{(21)}m_{220}^{(11)}-m_{200}^{(20)}m_{003}^{(21)}m_{130}^{(10)}\\
&-2m_{200}^{(21)}m_{120}^{(10)}m_{103}^{(21)}+m_{200}^{(21)}m_{120}^{(10)}m_{013}^{(20)}+m_{200}^{(21)}m_{120}^{(10)}m_{004}^{(10)}+m_{200}^{(21)}m_{120}^{(11)}m_{103}^{(20)}\\
&-m_{200}^{(21)}m_{120}^{(11)}m_{004}^{(00)}+2m_{200}^{(21)}m_{120}^{(20)}m_{112}^{(21)}-m_{200}^{(21)}m_{120}^{(20)}m_{022}^{(20)}-m_{200}^{(21)}m_{120}^{(20)}m_{013}^{(10)}\\
&-m_{200}^{(21)}m_{120}^{(21)}m_{112}^{(20)}+m_{200}^{(21)}m_{120}^{(21)}m_{103}^{(10)}-m_{200}^{(21)}m_{120}^{(22)}m_{112}^{(10)}+m_{200}^{(21)}m_{120}^{(22)}m_{022}^{(00)}\\
&+4m_{200}^{(21)}m_{111}^{(10)}m_{112}^{(21)}-2m_{200}^{(21)}m_{111}^{(10)}m_{022}^{(20)}-2m_{200}^{(21)}m_{111}^{(10)}m_{013}^{(10)}-2m_{200}^{(21)}m_{111}^{(11)}m_{112}^{(20)}\\
&+2m_{200}^{(21)}m_{111}^{(11)}m_{013}^{(00)}-4m_{200}^{(21)}m_{111}^{(20)}m_{121}^{(21)}+2m_{200}^{(21)}m_{111}^{(20)}m_{031}^{(20)}+2m_{200}^{(21)}m_{111}^{(20)}m_{022}^{(10)}\\
&+2m_{200}^{(21)}m_{111}^{(21)}m_{121}^{(20)}-2m_{200}^{(21)}m_{111}^{(21)}m_{112}^{(10)}+2m_{200}^{(21)}m_{111}^{(22)}m_{121}^{(10)}-2m_{200}^{(21)}m_{111}^{(22)}m_{031}^{(00)}\\
&-2m_{200}^{(21)}m_{102}^{(10)}m_{121}^{(21)}+m_{200}^{(21)}m_{102}^{(10)}m_{031}^{(20)}+m_{200}^{(21)}m_{102}^{(10)}m_{022}^{(10)}+m_{200}^{(21)}m_{102}^{(11)}m_{121}^{(20)}\\
&-m_{200}^{(21)}m_{102}^{(11)}m_{022}^{(00)}+2m_{200}^{(21)}m_{102}^{(20)}m_{130}^{(21)}-m_{200}^{(21)}m_{102}^{(20)}m_{040}^{(20)}-m_{200}^{(21)}m_{102}^{(20)}m_{031}^{(10)}\\
&-m_{200}^{(21)}m_{102}^{(21)}m_{130}^{(20)}+m_{200}^{(21)}m_{102}^{(21)}m_{121}^{(10)}-m_{200}^{(21)}m_{102}^{(22)}m_{130}^{(10)}+m_{200}^{(21)}m_{102}^{(22)}m_{040}^{(00)}\\
&+2m_{200}^{(21)}m_{030}^{(00)}m_{103}^{(21)}-m_{200}^{(21)}m_{030}^{(00)}m_{013}^{(20)}-m_{200}^{(21)}m_{030}^{(00)}m_{004}^{(10)}-m_{200}^{(21)}m_{030}^{(10)}m_{103}^{(20)}\\
&+m_{200}^{(21)}m_{030}^{(10)}m_{004}^{(00)}-2m_{200}^{(21)}m_{030}^{(20)}m_{202}^{(21)}+m_{200}^{(21)}m_{030}^{(20)}m_{112}^{(20)}+m_{200}^{(21)}m_{030}^{(20)}m_{013}^{(00)}\\
&+m_{200}^{(21)}m_{030}^{(21)}m_{202}^{(20)}-m_{200}^{(21)}m_{030}^{(21)}m_{103}^{(00)}+m_{200}^{(21)}m_{030}^{(22)}m_{202}^{(10)}-m_{200}^{(21)}m_{030}^{(22)}m_{112}^{(00)}\\
&-6m_{200}^{(21)}m_{021}^{(00)}m_{112}^{(21)}+3m_{200}^{(21)}m_{021}^{(00)}m_{022}^{(20)}+3m_{200}^{(21)}m_{021}^{(00)}m_{013}^{(10)}+2m_{200}^{(21)}m_{021}^{(10)}m_{202}^{(21)}\\
&+2m_{200}^{(21)}m_{021}^{(10)}m_{112}^{(20)}-m_{200}^{(21)}m_{021}^{(10)}m_{103}^{(10)}-3m_{200}^{(21)}m_{021}^{(10)}m_{013}^{(00)}-m_{200}^{(21)}m_{021}^{(11)}m_{202}^{(20)}\\
&+m_{200}^{(21)}m_{021}^{(11)}m_{103}^{(00)}+4m_{200}^{(21)}m_{021}^{(20)}m_{211}^{(21)}-2m_{200}^{(21)}m_{021}^{(20)}m_{121}^{(20)}+m_{200}^{(21)}m_{021}^{(20)}m_{112}^{(10)}\\
&-3m_{200}^{(21)}m_{021}^{(20)}m_{022}^{(00)}-2m_{200}^{(21)}m_{021}^{(21)}m_{211}^{(20)}-m_{200}^{(21)}m_{021}^{(21)}m_{202}^{(10)}+3m_{200}^{(21)}m_{021}^{(21)}m_{112}^{(00)}
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\begin{aligned}
&-2m_{200}^{(21)}m_{021}^{(22)}m_{211}^{(10)} + 2m_{200}^{(21)}m_{021}^{(22)}m_{121}^{(00)} + 6m_{200}^{(21)}m_{012}^{(00)}m_{121}^{(21)} - 3m_{200}^{(21)}m_{012}^{(00)}m_{031}^{(20)}\\
&-3m_{200}^{(21)}m_{012}^{(00)}m_{022}^{(10)} - 4m_{200}^{(21)}m_{012}^{(10)}m_{211}^{(21)} - m_{200}^{(21)}m_{012}^{(10)}m_{121}^{(20)} + 2m_{200}^{(21)}m_{012}^{(10)}m_{112}^{(10)}\\
&+3m_{200}^{(21)}m_{012}^{(10)}m_{022}^{(00)} + 2m_{200}^{(21)}m_{012}^{(11)}m_{211}^{(20)} - 2m_{200}^{(21)}m_{012}^{(11)}m_{112}^{(00)} - 2m_{200}^{(21)}m_{012}^{(20)}m_{220}^{(21)}\\
&+m_{200}^{(21)}m_{012}^{(20)}m_{130}^{(20)} - 2m_{200}^{(21)}m_{012}^{(20)}m_{121}^{(10)} + 3m_{200}^{(21)}m_{012}^{(20)}m_{031}^{(00)} + m_{200}^{(21)}m_{012}^{(21)}m_{220}^{(20)}\\
&+2m_{200}^{(21)}m_{012}^{(21)}m_{211}^{(10)} - 3m_{200}^{(21)}m_{012}^{(21)}m_{121}^{(00)} + m_{200}^{(21)}m_{012}^{(22)}m_{220}^{(10)} - m_{200}^{(21)}m_{012}^{(22)}m_{130}^{(00)}\\
&-2m_{200}^{(21)}m_{003}^{(00)}m_{130}^{(21)} + m_{200}^{(21)}m_{003}^{(00)}m_{040}^{(20)} + m_{200}^{(21)}m_{003}^{(00)}m_{031}^{(10)} + 2m_{200}^{(21)}m_{003}^{(10)}m_{220}^{(21)}\\
&-m_{200}^{(21)}m_{003}^{(10)}m_{121}^{(10)} - m_{200}^{(21)}m_{003}^{(10)}m_{031}^{(00)} - m_{200}^{(21)}m_{003}^{(11)}m_{220}^{(20)} + m_{200}^{(21)}m_{003}^{(11)}m_{121}^{(00)}\\
&+m_{200}^{(21)}m_{003}^{(20)}m_{130}^{(10)} - m_{200}^{(21)}m_{003}^{(20)}m_{040}^{(00)} - m_{200}^{(21)}m_{003}^{(21)}m_{220}^{(10)} + m_{200}^{(21)}m_{003}^{(21)}m_{130}^{(00)}\\
&+m_{200}^{(22)}m_{120}^{(10)}m_{103}^{(11)} - m_{200}^{(22)}m_{120}^{(10)}m_{013}^{(10)} - m_{200}^{(22)}m_{120}^{(11)}m_{103}^{(10)} + m_{200}^{(22)}m_{120}^{(11)}m_{013}^{(00)}\\
&-m_{200}^{(22)}m_{120}^{(20)}m_{112}^{(11)} + m_{200}^{(22)}m_{120}^{(20)}m_{022}^{(10)} + m_{200}^{(22)}m_{120}^{(21)}m_{112}^{(10)} - m_{200}^{(22)}m_{120}^{(21)}m_{022}^{(00)}\\
&-2m_{200}^{(22)}m_{111}^{(10)}m_{112}^{(11)} + 2m_{200}^{(22)}m_{111}^{(10)}m_{022}^{(10)} + 2m_{200}^{(22)}m_{111}^{(11)}m_{112}^{(10)} - 2m_{200}^{(22)}m_{111}^{(11)}m_{022}^{(00)}\\
&+2m_{200}^{(22)}m_{111}^{(20)}m_{121}^{(11)} - 2m_{200}^{(22)}m_{111}^{(20)}m_{031}^{(10)} - 2m_{200}^{(22)}m_{111}^{(21)}m_{121}^{(10)} + 2m_{200}^{(22)}m_{111}^{(21)}m_{031}^{(00)}\\
&+m_{200}^{(22)}m_{102}^{(10)}m_{121}^{(11)} - m_{200}^{(22)}m_{102}^{(10)}m_{031}^{(10)} - m_{200}^{(22)}m_{102}^{(11)}m_{121}^{(10)} + m_{200}^{(22)}m_{102}^{(11)}m_{031}^{(00)}\\
&-m_{200}^{(22)}m_{102}^{(20)}m_{130}^{(11)} + m_{200}^{(22)}m_{102}^{(20)}m_{040}^{(10)} + m_{200}^{(22)}m_{102}^{(21)}m_{130}^{(10)} - m_{200}^{(22)}m_{102}^{(21)}m_{040}^{(00)}\\
&-m_{200}^{(22)}m_{030}^{(00)}m_{103}^{(11)} + m_{200}^{(22)}m_{030}^{(00)}m_{013}^{(10)} + m_{200}^{(22)}m_{030}^{(10)}m_{103}^{(10)} - m_{200}^{(22)}m_{030}^{(10)}m_{013}^{(00)}\\
&+m_{200}^{(22)}m_{030}^{(20)}m_{202}^{(11)} - m_{200}^{(22)}m_{030}^{(20)}m_{112}^{(10)} - m_{200}^{(22)}m_{030}^{(21)}m_{202}^{(10)} + m_{200}^{(22)}m_{030}^{(21)}m_{112}^{(00)}\\
&+3m_{200}^{(22)}m_{021}^{(00)}m_{112}^{(11)} - 3m_{200}^{(22)}m_{021}^{(00)}m_{022}^{(10)} - m_{200}^{(22)}m_{021}^{(10)}m_{202}^{(11)} - 2m_{200}^{(22)}m_{021}^{(10)}m_{112}^{(10)}\\
&+3m_{200}^{(22)}m_{021}^{(10)}m_{022}^{(00)} + m_{200}^{(22)}m_{021}^{(11)}m_{202}^{(10)} - m_{200}^{(22)}m_{021}^{(11)}m_{112}^{(00)} - 2m_{200}^{(22)}m_{021}^{(20)}m_{211}^{(11)}\\
&+2m_{200}^{(22)}m_{021}^{(20)}m_{121}^{(10)} + 2m_{200}^{(22)}m_{021}^{(21)}m_{211}^{(10)} - 2m_{200}^{(22)}m_{021}^{(21)}m_{121}^{(00)} - 3m_{200}^{(22)}m_{012}^{(00)}m_{121}^{(11)}\\
&+3m_{200}^{(22)}m_{012}^{(00)}m_{031}^{(10)} + 2m_{200}^{(22)}m_{012}^{(10)}m_{211}^{(11)} + m_{200}^{(22)}m_{012}^{(10)}m_{121}^{(10)} - 3m_{200}^{(22)}m_{012}^{(10)}m_{031}^{(00)}\\
&-2m_{200}^{(22)}m_{012}^{(11)}m_{211}^{(10)} + 2m_{200}^{(22)}m_{012}^{(11)}m_{121}^{(00)} + m_{200}^{(22)}m_{012}^{(20)}m_{220}^{(11)} - m_{200}^{(22)}m_{012}^{(20)}m_{130}^{(10)}\\
&-m_{200}^{(22)}m_{012}^{(21)}m_{220}^{(10)} + m_{200}^{(22)}m_{012}^{(21)}m_{130}^{(00)} + m_{200}^{(22)}m_{003}^{(00)}m_{130}^{(11)} - m_{200}^{(22)}m_{003}^{(00)}m_{040}^{(10)}\\
&-m_{200}^{(22)}m_{003}^{(10)}m_{220}^{(11)} + m_{200}^{(22)}m_{003}^{(10)}m_{040}^{(00)} + m_{200}^{(22)}m_{003}^{(11)}m_{220}^{(10)} - m_{200}^{(22)}m_{003}^{(11)}m_{130}^{(00)}\\
&-2m_{110}^{(00)}m_{210}^{(11)}m_{013}^{(22)} + 2m_{110}^{(00)}m_{210}^{(11)}m_{004}^{(21)} + 2m_{110}^{(00)}m_{210}^{(21)}m_{022}^{(22)} - 2m_{110}^{(00)}m_{210}^{(21)}m_{004}^{(11)}\\
&-2m_{110}^{(00)}m_{210}^{(22)}m_{022}^{(21)} + 2m_{110}^{(00)}m_{210}^{(22)}m_{013}^{(11)} + 2m_{110}^{(00)}m_{201}^{(11)}m_{022}^{(22)} - 2m_{110}^{(00)}m_{201}^{(11)}m_{013}^{(21)}\\
&-2m_{110}^{(00)}m_{201}^{(21)}m_{031}^{(22)} + 2m_{110}^{(00)}m_{201}^{(21)}m_{013}^{(11)} + 2m_{110}^{(00)}m_{201}^{(22)}m_{031}^{(21)} - 2m_{110}^{(00)}m_{201}^{(22)}m_{022}^{(11)}\\
&+2m_{110}^{(00)}m_{120}^{(10)}m_{013}^{(22)} - 2m_{110}^{(00)}m_{120}^{(10)}m_{004}^{(21)} - 2m_{110}^{(00)}m_{120}^{(20)}m_{013}^{(21)} + 2m_{110}^{(00)}m_{120}^{(20)}m_{004}^{(11)}\\
&-2m_{110}^{(00)}m_{120}^{(21)}m_{112}^{(22)} + 2m_{110}^{(00)}m_{120}^{(21)}m_{103}^{(21)} + 2m_{110}^{(00)}m_{120}^{(22)}m_{112}^{(21)} - 2m_{110}^{(00)}m_{120}^{(22)}m_{103}^{(11)}\\
&-4m_{110}^{(00)}m_{111}^{(10)}m_{022}^{(22)} + 4m_{110}^{(00)}m_{111}^{(10)}m_{013}^{(21)} + 4m_{110}^{(00)}m_{111}^{(11)}m_{112}^{(22)} - 4m_{110}^{(00)}m_{111}^{(11)}m_{103}^{(21)}\\
&+4m_{110}^{(00)}m_{111}^{(20)}m_{022}^{(21)} - 4m_{110}^{(00)}m_{111}^{(20)}m_{013}^{(11)} - 4m_{110}^{(00)}m_{111}^{(21)}m_{112}^{(21)} + 4m_{110}^{(00)}m_{111}^{(21)}m_{103}^{(11)}\\
&+2m_{110}^{(00)}m_{102}^{(10)}m_{031}^{(22)} - 2m_{110}^{(00)}m_{102}^{(10)}m_{022}^{(21)} - 4m_{110}^{(00)}m_{102}^{(11)}m_{121}^{(22)} + 4m_{110}^{(00)}m_{102}^{(11)}m_{112}^{(21)}\\
&-2m_{110}^{(00)}m_{102}^{(20)}m_{031}^{(21)} + 2m_{110}^{(00)}m_{102}^{(20)}m_{022}^{(11)} + 2m_{110}^{(00)}m_{102}^{(21)}m_{130}^{(22)} + 2m_{110}^{(00)}m_{102}^{(21)}m_{121}^{(21)}\\
&-4m_{110}^{(00)}m_{102}^{(21)}m_{112}^{(11)} - 2m_{110}^{(00)}m_{102}^{(22)}m_{130}^{(21)} + 2m_{110}^{(00)}m_{102}^{(22)}m_{121}^{(11)} - 2m_{110}^{(00)}m_{021}^{(10)}m_{112}^{(22)}\\
&+2m_{110}^{(00)}m_{021}^{(10)}m_{103}^{(21)} + 2m_{110}^{(00)}m_{021}^{(20)}m_{112}^{(21)} - 2m_{110}^{(00)}m_{021}^{(20)}m_{103}^{(11)} + 2m_{110}^{(00)}m_{021}^{(21)}m_{211}^{(22)}\\
&-2m_{110}^{(00)}m_{021}^{(21)}m_{202}^{(21)} - 2m_{110}^{(00)}m_{021}^{(22)}m_{211}^{(21)} + 2m_{110}^{(00)}m_{021}^{(22)}m_{202}^{(11)} + 4m_{110}^{(00)}m_{012}^{(10)}m_{121}^{(22)}\\
&-4m_{110}^{(00)}m_{012}^{(10)}m_{112}^{(21)} - 2m_{110}^{(00)}m_{012}^{(11)}m_{211}^{(22)} + 2m_{110}^{(00)}m_{012}^{(11)}m_{202}^{(21)} - 4m_{110}^{(00)}m_{012}^{(20)}m_{121}^{(21)}\\
&+4m_{110}^{(00)}m_{012}^{(20)}m_{112}^{(11)} - 2m_{110}^{(00)}m_{012}^{(21)}m_{220}^{(22)} + 4m_{110}^{(00)}m_{012}^{(21)}m_{211}^{(21)} - 2m_{110}^{(00)}m_{012}^{(21)}m_{202}^{(11)}\\
&+2m_{110}^{(00)}m_{012}^{(22)}m_{220}^{(21)} - 2m_{110}^{(00)}m_{012}^{(22)}m_{211}^{(11)} - 2m_{110}^{(00)}m_{003}^{(10)}m_{130}^{(22)} + 2m_{110}^{(00)}m_{003}^{(10)}m_{121}^{(21)}
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\begin{aligned}
&+2m_{110}^{(00)}m_{003}^{(11)}m_{220}^{(22)} - 2m_{110}^{(00)}m_{003}^{(11)}m_{211}^{(21)} + 2m_{110}^{(00)}m_{003}^{(20)}m_{130}^{(21)} - 2m_{110}^{(00)}m_{003}^{(20)}m_{121}^{(11)}\\
&-2m_{110}^{(00)}m_{003}^{(21)}m_{220}^{(21)} + 2m_{110}^{(00)}m_{003}^{(21)}m_{211}^{(11)} + 2m_{110}^{(10)}m_{210}^{(10)}m_{013}^{(22)} - 2m_{110}^{(10)}m_{210}^{(10)}m_{004}^{(21)}\\
&+2m_{110}^{(10)}m_{210}^{(11)}m_{103}^{(22)} - 2m_{110}^{(10)}m_{210}^{(11)}m_{004}^{(20)} - 2m_{110}^{(10)}m_{210}^{(20)}m_{022}^{(22)} + 2m_{110}^{(10)}m_{210}^{(20)}m_{013}^{(21)}\\
&-2m_{110}^{(10)}m_{210}^{(21)}m_{112}^{(22)} - 2m_{110}^{(10)}m_{210}^{(21)}m_{103}^{(21)} + 4m_{110}^{(10)}m_{210}^{(21)}m_{004}^{(10)} + 2m_{110}^{(10)}m_{210}^{(22)}m_{112}^{(21)}\\
&+2m_{110}^{(10)}m_{210}^{(22)}m_{022}^{(20)} - 4m_{110}^{(10)}m_{210}^{(22)}m_{013}^{(10)} - 2m_{110}^{(10)}m_{201}^{(10)}m_{022}^{(22)} + 2m_{110}^{(10)}m_{201}^{(10)}m_{013}^{(21)}\\
&-2m_{110}^{(10)}m_{201}^{(11)}m_{112}^{(22)} + 2m_{110}^{(10)}m_{201}^{(11)}m_{013}^{(20)} + 2m_{110}^{(10)}m_{201}^{(20)}m_{031}^{(22)} - 2m_{110}^{(10)}m_{201}^{(20)}m_{022}^{(21)}\\
&+2m_{110}^{(10)}m_{201}^{(21)}m_{121}^{(22)} + 2m_{110}^{(10)}m_{201}^{(21)}m_{112}^{(21)} - 4m_{110}^{(10)}m_{201}^{(21)}m_{013}^{(10)} - 2m_{110}^{(10)}m_{201}^{(22)}m_{121}^{(21)}\\
&-2m_{110}^{(10)}m_{201}^{(22)}m_{031}^{(20)} + 4m_{110}^{(10)}m_{201}^{(22)}m_{022}^{(10)} - 2m_{110}^{(10)}m_{120}^{(00)}m_{013}^{(22)} + 2m_{110}^{(10)}m_{120}^{(00)}m_{004}^{(21)}\\
&-2m_{110}^{(10)}m_{120}^{(10)}m_{103}^{(22)} + 2m_{110}^{(10)}m_{120}^{(10)}m_{004}^{(20)} + 2m_{110}^{(10)}m_{120}^{(20)}m_{112}^{(22)} + 2m_{110}^{(10)}m_{120}^{(20)}m_{013}^{(20)}\\
&-4m_{110}^{(10)}m_{120}^{(20)}m_{004}^{(10)} + 2m_{110}^{(10)}m_{120}^{(21)}m_{202}^{(22)} - 2m_{110}^{(10)}m_{120}^{(21)}m_{103}^{(20)} - 2m_{110}^{(10)}m_{120}^{(22)}m_{202}^{(21)}\\
&-2m_{110}^{(10)}m_{120}^{(22)}m_{112}^{(20)} + 4m_{110}^{(10)}m_{120}^{(22)}m_{103}^{(10)} + 4m_{110}^{(10)}m_{111}^{(00)}m_{022}^{(22)} - 4m_{110}^{(10)}m_{111}^{(00)}m_{013}^{(21)}\\
&+4m_{110}^{(10)}m_{111}^{(10)}m_{103}^{(21)} - 4m_{110}^{(10)}m_{111}^{(10)}m_{013}^{(20)} - 4m_{110}^{(10)}m_{111}^{(11)}m_{202}^{(22)} + 4m_{110}^{(10)}m_{111}^{(11)}m_{103}^{(20)}\\
&-4m_{110}^{(10)}m_{111}^{(20)}m_{112}^{(21)} - 4m_{110}^{(10)}m_{111}^{(20)}m_{022}^{(20)} + 8m_{110}^{(10)}m_{111}^{(20)}m_{013}^{(10)} + 4m_{110}^{(10)}m_{111}^{(21)}m_{202}^{(21)}\\
&+4m_{110}^{(10)}m_{111}^{(21)}m_{112}^{(20)} - 8m_{110}^{(10)}m_{111}^{(21)}m_{103}^{(10)} - 2m_{110}^{(10)}m_{102}^{(00)}m_{031}^{(22)} + 2m_{110}^{(10)}m_{102}^{(00)}m_{022}^{(21)}\\
&+2m_{110}^{(10)}m_{102}^{(10)}m_{121}^{(22)} - 4m_{110}^{(10)}m_{102}^{(10)}m_{112}^{(21)} + 2m_{110}^{(10)}m_{102}^{(10)}m_{022}^{(20)} + 4m_{110}^{(10)}m_{102}^{(11)}m_{102}^{(22)}\\
&-4m_{110}^{(10)}m_{102}^{(11)}m_{112}^{(20)} - 2m_{110}^{(10)}m_{102}^{(20)}m_{130}^{(22)} + 4m_{110}^{(10)}m_{102}^{(20)}m_{121}^{(21)} + 2m_{110}^{(10)}m_{102}^{(20)}m_{031}^{(20)}\\
&-4m_{110}^{(10)}m_{102}^{(20)}m_{022}^{(10)} - 2m_{110}^{(10)}m_{102}^{(21)}m_{220}^{(22)} - 4m_{110}^{(10)}m_{102}^{(21)}m_{211}^{(21)} - 2m_{110}^{(10)}m_{102}^{(21)}m_{121}^{(20)}\\
&+8m_{110}^{(10)}m_{102}^{(21)}m_{112}^{(10)} + 2m_{110}^{(10)}m_{102}^{(22)}m_{220}^{(21)} + 2m_{110}^{(10)}m_{102}^{(22)}m_{130}^{(20)} - 4m_{110}^{(10)}m_{102}^{(22)}m_{121}^{(10)}\\
&+2m_{110}^{(10)}m_{021}^{(00)}m_{112}^{(22)} - 2m_{110}^{(10)}m_{021}^{(00)}m_{103}^{(21)} + 2m_{110}^{(10)}m_{021}^{(10)}m_{202}^{(22)} - 2m_{110}^{(10)}m_{021}^{(10)}m_{103}^{(20)}\\
&-2m_{110}^{(10)}m_{021}^{(20)}m_{211}^{(22)} - 2m_{110}^{(10)}m_{021}^{(20)}m_{112}^{(20)} + 4m_{110}^{(10)}m_{021}^{(20)}m_{103}^{(10)} - 2m_{110}^{(10)}m_{021}^{(21)}m_{301}^{(22)}\\
&+2m_{110}^{(10)}m_{021}^{(21)}m_{202}^{(20)} + 2m_{110}^{(10)}m_{021}^{(22)}m_{301}^{(21)} + 2m_{110}^{(10)}m_{021}^{(22)}m_{211}^{(20)} - 4m_{110}^{(10)}m_{021}^{(22)}m_{202}^{(10)}\\
&-4m_{110}^{(10)}m_{012}^{(00)}m_{121}^{(22)} + 4m_{110}^{(10)}m_{012}^{(00)}m_{112}^{(21)} - 2m_{110}^{(10)}m_{012}^{(10)}m_{211}^{(22)} - 2m_{110}^{(10)}m_{012}^{(10)}m_{202}^{(21)}\\
&+4m_{110}^{(10)}m_{012}^{(10)}m_{112}^{(20)} + 2m_{110}^{(10)}m_{012}^{(11)}m_{301}^{(22)} - 2m_{110}^{(10)}m_{012}^{(11)}m_{202}^{(20)} + 2m_{110}^{(10)}m_{012}^{(20)}m_{220}^{(22)}\\
&+2m_{110}^{(10)}m_{012}^{(20)}m_{211}^{(21)} + 4m_{110}^{(10)}m_{012}^{(20)}m_{121}^{(20)} - 8m_{110}^{(10)}m_{012}^{(20)}m_{112}^{(10)} + 2m_{110}^{(10)}m_{012}^{(21)}m_{310}^{(22)}\\
&-2m_{110}^{(10)}m_{012}^{(21)}m_{301}^{(21)} - 4m_{110}^{(10)}m_{012}^{(21)}m_{211}^{(20)} + 4m_{110}^{(10)}m_{012}^{(21)}m_{202}^{(10)} - 2m_{110}^{(10)}m_{012}^{(22)}m_{310}^{(21)}\\
&-2m_{110}^{(10)}m_{012}^{(22)}m_{220}^{(20)} + 4m_{110}^{(10)}m_{012}^{(22)}m_{211}^{(10)} + 2m_{110}^{(10)}m_{003}^{(00)}m_{130}^{(22)} - 2m_{110}^{(10)}m_{003}^{(00)}m_{121}^{(21)}\\
&+2m_{110}^{(10)}m_{003}^{(10)}m_{211}^{(21)} - 2m_{110}^{(10)}m_{003}^{(10)}m_{121}^{(20)} - 2m_{110}^{(10)}m_{003}^{(11)}m_{310}^{(22)} + 2m_{110}^{(10)}m_{003}^{(11)}m_{211}^{(20)}\\
&-2m_{110}^{(10)}m_{003}^{(20)}m_{220}^{(21)} - 2m_{110}^{(10)}m_{003}^{(20)}m_{130}^{(20)} + 4m_{110}^{(10)}m_{003}^{(20)}m_{121}^{(10)} + 2m_{110}^{(10)}m_{003}^{(21)}m_{310}^{(21)}\\
&+2m_{110}^{(10)}m_{003}^{(21)}m_{220}^{(20)} - 4m_{110}^{(10)}m_{003}^{(21)}m_{211}^{(10)} - 2m_{110}^{(11)}m_{210}^{(10)}m_{103}^{(22)} + 2m_{110}^{(11)}m_{210}^{(10)}m_{004}^{(20)}\\
&+2m_{110}^{(11)}m_{210}^{(20)}m_{112}^{(22)} - 2m_{110}^{(11)}m_{210}^{(20)}m_{013}^{(20)} + 2m_{110}^{(11)}m_{210}^{(21)}m_{103}^{(20)} - 2m_{110}^{(11)}m_{210}^{(21)}m_{004}^{(00)}\\
&-2m_{110}^{(11)}m_{210}^{(22)}m_{112}^{(20)} + 2m_{110}^{(11)}m_{210}^{(22)}m_{013}^{(00)} + 2m_{110}^{(11)}m_{201}^{(10)}m_{112}^{(22)} - 2m_{110}^{(11)}m_{201}^{(10)}m_{013}^{(20)}\\
&-2m_{110}^{(11)}m_{201}^{(20)}m_{121}^{(22)} + 2m_{110}^{(11)}m_{201}^{(20)}m_{022}^{(20)} - 2m_{110}^{(11)}m_{201}^{(21)}m_{112}^{(20)} + 2m_{110}^{(11)}m_{201}^{(21)}m_{013}^{(00)}\\
&+2m_{110}^{(11)}m_{201}^{(22)}m_{121}^{(20)} - 2m_{110}^{(11)}m_{201}^{(22)}m_{022}^{(00)} + 2m_{110}^{(11)}m_{120}^{(00)}m_{103}^{(22)} - 2m_{110}^{(11)}m_{120}^{(00)}m_{004}^{(20)}\\
&-2m_{110}^{(11)}m_{120}^{(20)}m_{202}^{(22)} + 2m_{110}^{(11)}m_{120}^{(20)}m_{004}^{(00)} + 2m_{110}^{(11)}m_{120}^{(22)}m_{202}^{(20)} - 2m_{110}^{(11)}m_{120}^{(22)}m_{103}^{(00)}\\
&-4m_{110}^{(11)}m_{111}^{(00)}m_{112}^{(22)} + 4m_{110}^{(11)}m_{111}^{(00)}m_{013}^{(20)} + 4m_{110}^{(11)}m_{111}^{(10)}m_{202}^{(22)} - 4m_{110}^{(11)}m_{111}^{(10)}m_{103}^{(20)}\\
&+4m_{110}^{(11)}m_{111}^{(20)}m_{112}^{(20)} - 4m_{110}^{(11)}m_{111}^{(20)}m_{013}^{(00)} - 4m_{110}^{(11)}m_{111}^{(21)}m_{202}^{(20)} + 4m_{110}^{(11)}m_{111}^{(21)}m_{103}^{(00)}\\
&+2m_{110}^{(11)}m_{102}^{(00)}m_{121}^{(22)} - 2m_{110}^{(11)}m_{102}^{(00)}m_{022}^{(20)} - 4m_{110}^{(11)}m_{102}^{(10)}m_{211}^{(22)} + 4m_{110}^{(11)}m_{102}^{(10)}m_{112}^{(20)}\\
&+2m_{110}^{(11)}m_{102}^{(20)}m_{220}^{(22)} - 4m_{110}^{(11)}m_{102}^{(20)}m_{121}^{(20)} + 2m_{110}^{(11)}m_{102}^{(20)}m_{022}^{(00)} + 4m_{110}^{(11)}m_{102}^{(21)}m_{211}^{(20)}
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\begin{aligned}
&-4m_{110}^{(11)}m_{102}^{(21)}m_{112}^{(00)} - 2m_{110}^{(11)}m_{102}^{(22)}m_{220}^{(20)} + 2m_{110}^{(11)}m_{102}^{(22)}m_{121}^{(00)} - 2m_{110}^{(11)}m_{021}^{(00)}m_{202}^{(22)}\\
&+2m_{110}^{(11)}m_{021}^{(00)}m_{103}^{(20)} + 2m_{110}^{(11)}m_{021}^{(20)}m_{301}^{(22)} - 2m_{110}^{(11)}m_{021}^{(20)}m_{103}^{(00)} - 2m_{110}^{(11)}m_{021}^{(22)}m_{301}^{(20)}\\
&+2m_{110}^{(11)}m_{021}^{(22)}m_{202}^{(00)} + 4m_{110}^{(11)}m_{012}^{(00)}m_{211}^{(22)} - 4m_{110}^{(11)}m_{012}^{(00)}m_{112}^{(20)} - 2m_{110}^{(11)}m_{012}^{(10)}m_{301}^{(22)}\\
&+2m_{110}^{(11)}m_{012}^{(10)}m_{202}^{(20)} - 2m_{110}^{(11)}m_{012}^{(20)}m_{310}^{(22)} - 2m_{110}^{(11)}m_{012}^{(20)}m_{211}^{(20)} + 4m_{110}^{(11)}m_{012}^{(20)}m_{112}^{(00)}\\
&+2m_{110}^{(11)}m_{012}^{(21)}m_{301}^{(20)} - 2m_{110}^{(11)}m_{012}^{(21)}m_{202}^{(00)} + 2m_{110}^{(11)}m_{012}^{(22)}m_{310}^{(20)} - 2m_{110}^{(11)}m_{012}^{(22)}m_{211}^{(00)}\\
&-2m_{110}^{(11)}m_{003}^{(00)}m_{220}^{(22)} + 2m_{110}^{(11)}m_{003}^{(00)}m_{121}^{(20)} + 2m_{110}^{(11)}m_{003}^{(10)}m_{310}^{(22)} - 2m_{110}^{(11)}m_{003}^{(10)}m_{211}^{(20)}\\
&+2m_{110}^{(11)}m_{003}^{(20)}m_{220}^{(20)} - 2m_{110}^{(11)}m_{003}^{(20)}m_{121}^{(00)} - 2m_{110}^{(11)}m_{003}^{(21)}m_{310}^{(20)} + 2m_{110}^{(11)}m_{003}^{(21)}m_{211}^{(00)}\\
&-2m_{110}^{(20)}m_{210}^{(10)}m_{013}^{(21)} + 2m_{110}^{(20)}m_{210}^{(10)}m_{004}^{(11)} - 2m_{110}^{(20)}m_{210}^{(11)}m_{103}^{(21)} + 4m_{110}^{(20)}m_{210}^{(11)}m_{013}^{(20)}\\
&-2m_{110}^{(20)}m_{210}^{(11)}m_{004}^{(10)} + 2m_{110}^{(20)}m_{210}^{(20)}m_{022}^{(21)} - 2m_{110}^{(20)}m_{210}^{(20)}m_{013}^{(11)} + 2m_{110}^{(20)}m_{210}^{(21)}m_{112}^{(21)}\\
&+2m_{110}^{(20)}m_{210}^{(21)}m_{103}^{(11)} - 4m_{110}^{(20)}m_{210}^{(21)}m_{022}^{(20)} - 2m_{110}^{(20)}m_{210}^{(22)}m_{112}^{(11)} + 2m_{110}^{(20)}m_{210}^{(22)}m_{022}^{(10)}\\
&+2m_{110}^{(20)}m_{201}^{(10)}m_{022}^{(21)} - 2m_{110}^{(20)}m_{201}^{(10)}m_{013}^{(11)} + 2m_{110}^{(20)}m_{201}^{(11)}m_{112}^{(21)} - 4m_{110}^{(20)}m_{201}^{(11)}m_{022}^{(20)}\\
&+2m_{110}^{(20)}m_{201}^{(11)}m_{013}^{(10)} - 2m_{110}^{(20)}m_{201}^{(20)}m_{031}^{(21)} + 2m_{110}^{(20)}m_{201}^{(20)}m_{022}^{(11)} - 2m_{110}^{(20)}m_{201}^{(21)}m_{121}^{(21)}\\
&-2m_{110}^{(20)}m_{201}^{(21)}m_{112}^{(11)} + 4m_{110}^{(20)}m_{201}^{(21)}m_{031}^{(20)} + 2m_{110}^{(20)}m_{201}^{(22)}m_{121}^{(11)} - 2m_{110}^{(20)}m_{201}^{(22)}m_{031}^{(10)}\\
&+2m_{110}^{(20)}m_{120}^{(00)}m_{013}^{(21)} - 2m_{110}^{(20)}m_{120}^{(00)}m_{004}^{(11)} + 2m_{110}^{(20)}m_{120}^{(10)}m_{103}^{(21)} - 4m_{110}^{(20)}m_{120}^{(10)}m_{013}^{(20)}\\
&+2m_{110}^{(20)}m_{120}^{(10)}m_{004}^{(10)} - 2m_{110}^{(20)}m_{120}^{(20)}m_{112}^{(21)} + 2m_{110}^{(20)}m_{120}^{(20)}m_{013}^{(10)} - 2m_{110}^{(20)}m_{120}^{(21)}m_{202}^{(21)}\\
&+4m_{110}^{(20)}m_{120}^{(21)}m_{112}^{(20)} - 2m_{110}^{(20)}m_{120}^{(21)}m_{103}^{(10)} + 2m_{110}^{(20)}m_{120}^{(22)}m_{202}^{(11)} - 2m_{110}^{(20)}m_{120}^{(22)}m_{112}^{(10)}\\
&-4m_{110}^{(20)}m_{111}^{(00)}m_{022}^{(21)} + 4m_{110}^{(20)}m_{111}^{(00)}m_{013}^{(11)} - 4m_{110}^{(20)}m_{111}^{(10)}m_{103}^{(11)} + 8m_{110}^{(20)}m_{111}^{(10)}m_{022}^{(20)}\\
&-4m_{110}^{(20)}m_{111}^{(10)}m_{013}^{(10)} + 4m_{110}^{(20)}m_{111}^{(11)}m_{202}^{(21)} - 8m_{110}^{(20)}m_{111}^{(11)}m_{112}^{(20)} + 4m_{110}^{(20)}m_{111}^{(11)}m_{103}^{(10)}\\
&+4m_{110}^{(20)}m_{111}^{(20)}m_{112}^{(11)} - 4m_{110}^{(20)}m_{111}^{(20)}m_{022}^{(10)} - 4m_{110}^{(20)}m_{111}^{(21)}m_{202}^{(11)} + 4m_{110}^{(20)}m_{111}^{(21)}m_{112}^{(10)}\\
&+2m_{110}^{(20)}m_{102}^{(00)}m_{031}^{(21)} - 2m_{110}^{(20)}m_{102}^{(00)}m_{022}^{(11)} - 2m_{110}^{(20)}m_{102}^{(10)}m_{121}^{(21)} + 4m_{110}^{(20)}m_{102}^{(10)}m_{112}^{(11)}\\
&-4m_{110}^{(20)}m_{102}^{(10)}m_{031}^{(20)} + 2m_{110}^{(20)}m_{102}^{(10)}m_{022}^{(10)} - 4m_{110}^{(20)}m_{102}^{(11)}m_{211}^{(21)} + 8m_{110}^{(20)}m_{102}^{(11)}m_{121}^{(20)}\\
&-4m_{110}^{(20)}m_{102}^{(11)}m_{112}^{(10)} + 2m_{110}^{(20)}m_{102}^{(20)}m_{130}^{(21)} - 4m_{110}^{(20)}m_{102}^{(20)}m_{121}^{(11)} + 2m_{110}^{(20)}m_{102}^{(20)}m_{031}^{(10)}\\
&+2m_{110}^{(20)}m_{102}^{(21)}m_{220}^{(21)} + 4m_{110}^{(20)}m_{102}^{(21)}m_{211}^{(11)} - 4m_{110}^{(20)}m_{102}^{(21)}m_{130}^{(20)} - 2m_{110}^{(20)}m_{102}^{(21)}m_{121}^{(10)}\\
&-2m_{110}^{(20)}m_{102}^{(22)}m_{220}^{(11)} + 2m_{110}^{(20)}m_{102}^{(22)}m_{130}^{(10)} - 2m_{110}^{(20)}m_{021}^{(00)}m_{112}^{(21)} + 2m_{110}^{(20)}m_{021}^{(00)}m_{103}^{(11)}\\
&-2m_{110}^{(20)}m_{021}^{(10)}m_{202}^{(21)} + 4m_{110}^{(20)}m_{021}^{(10)}m_{112}^{(20)} - 2m_{110}^{(20)}m_{021}^{(10)}m_{103}^{(10)} + 2m_{110}^{(20)}m_{021}^{(20)}m_{211}^{(21)}\\
&-2m_{110}^{(20)}m_{021}^{(20)}m_{112}^{(10)} + 2m_{110}^{(20)}m_{021}^{(21)}m_{301}^{(21)} - 4m_{110}^{(20)}m_{021}^{(21)}m_{211}^{(20)} + 2m_{110}^{(20)}m_{021}^{(21)}m_{202}^{(10)}\\
&-2m_{110}^{(20)}m_{021}^{(22)}m_{301}^{(11)} + 2m_{110}^{(20)}m_{021}^{(22)}m_{211}^{(10)} + 4m_{110}^{(20)}m_{012}^{(00)}m_{121}^{(21)} - 4m_{110}^{(20)}m_{012}^{(00)}m_{112}^{(11)}\\
&+2m_{110}^{(20)}m_{012}^{(10)}m_{211}^{(21)} + 2m_{110}^{(20)}m_{012}^{(10)}m_{202}^{(11)} - 8m_{110}^{(20)}m_{012}^{(10)}m_{121}^{(20)} + 4m_{110}^{(20)}m_{012}^{(10)}m_{112}^{(10)}\\
&-2m_{110}^{(20)}m_{012}^{(11)}m_{301}^{(21)} + 4m_{110}^{(20)}m_{012}^{(11)}m_{211}^{(20)} - 2m_{110}^{(20)}m_{012}^{(11)}m_{202}^{(10)} - 2m_{110}^{(20)}m_{012}^{(20)}m_{220}^{(21)}\\
&-2m_{110}^{(20)}m_{012}^{(20)}m_{211}^{(11)} + 4m_{110}^{(20)}m_{012}^{(20)}m_{121}^{(10)} - 2m_{110}^{(20)}m_{012}^{(21)}m_{310}^{(21)} + 2m_{110}^{(20)}m_{012}^{(21)}m_{301}^{(11)}\\
&+4m_{110}^{(20)}m_{012}^{(21)}m_{220}^{(20)} - 4m_{110}^{(20)}m_{012}^{(21)}m_{211}^{(10)} + 2m_{110}^{(20)}m_{012}^{(22)}m_{310}^{(11)} - 2m_{110}^{(20)}m_{012}^{(22)}m_{220}^{(10)}\\
&-2m_{110}^{(20)}m_{003}^{(00)}m_{130}^{(21)} + 2m_{110}^{(20)}m_{003}^{(00)}m_{121}^{(11)} - 2m_{110}^{(20)}m_{003}^{(10)}m_{211}^{(11)} + 4m_{110}^{(20)}m_{003}^{(10)}m_{130}^{(20)}\\
&-2m_{110}^{(20)}m_{003}^{(10)}m_{121}^{(10)} + 2m_{110}^{(20)}m_{003}^{(11)}m_{310}^{(21)} - 4m_{110}^{(20)}m_{003}^{(11)}m_{220}^{(20)} + 2m_{110}^{(20)}m_{003}^{(11)}m_{211}^{(10)}\\
&+2m_{110}^{(20)}m_{003}^{(20)}m_{220}^{(11)} - 2m_{110}^{(20)}m_{003}^{(20)}m_{130}^{(10)} - 2m_{110}^{(20)}m_{003}^{(21)}m_{310}^{(11)} + 2m_{110}^{(20)}m_{003}^{(21)}m_{220}^{(10)}\\
&+4m_{110}^{(21)}m_{210}^{(10)}m_{103}^{(21)} - 2m_{110}^{(21)}m_{210}^{(10)}m_{013}^{(20)} - 2m_{110}^{(21)}m_{210}^{(10)}m_{004}^{(10)} - 2m_{110}^{(21)}m_{210}^{(11)}m_{103}^{(20)}\\
&+2m_{110}^{(21)}m_{210}^{(11)}m_{004}^{(00)} - 4m_{110}^{(21)}m_{210}^{(20)}m_{112}^{(21)} + 2m_{110}^{(21)}m_{210}^{(20)}m_{022}^{(20)} + 2m_{110}^{(21)}m_{210}^{(20)}m_{013}^{(10)}\\
&+2m_{110}^{(21)}m_{210}^{(21)}m_{112}^{(20)} - 2m_{110}^{(21)}m_{210}^{(21)}m_{103}^{(10)} + 2m_{110}^{(21)}m_{210}^{(22)}m_{112}^{(10)} - 2m_{110}^{(21)}m_{210}^{(22)}m_{022}^{(00)}\\
&-4m_{110}^{(21)}m_{201}^{(10)}m_{112}^{(21)} + 2m_{110}^{(21)}m_{201}^{(10)}m_{022}^{(20)} + 2m_{110}^{(21)}m_{201}^{(10)}m_{013}^{(10)} + 2m_{110}^{(21)}m_{201}^{(11)}m_{112}^{(20)}
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\begin{aligned}
&-2m_{110}^{(21)}m_{201}^{(11)}m_{013}^{(00)} + 4m_{110}^{(21)}m_{201}^{(20)}m_{121}^{(21)} - 2m_{110}^{(21)}m_{201}^{(20)}m_{031}^{(20)} - 2m_{110}^{(21)}m_{201}^{(20)}m_{022}^{(10)}\\
&-2m_{110}^{(21)}m_{201}^{(21)}m_{121}^{(20)} + 2m_{110}^{(21)}m_{201}^{(21)}m_{112}^{(10)} - 2m_{110}^{(21)}m_{201}^{(22)}m_{121}^{(10)} + 2m_{110}^{(21)}m_{201}^{(22)}m_{031}^{(00)}\\
&-4m_{110}^{(21)}m_{120}^{(00)}m_{103}^{(21)} + 2m_{110}^{(21)}m_{120}^{(00)}m_{013}^{(20)} + 2m_{110}^{(21)}m_{120}^{(00)}m_{004}^{(10)} + 2m_{110}^{(21)}m_{120}^{(10)}m_{103}^{(20)}\\
&-2m_{110}^{(21)}m_{120}^{(10)}m_{004}^{(00)} + 4m_{110}^{(21)}m_{120}^{(20)}m_{202}^{(21)} - 2m_{110}^{(21)}m_{120}^{(20)}m_{112}^{(20)} - 2m_{110}^{(21)}m_{120}^{(20)}m_{013}^{(00)}\\
&-2m_{110}^{(21)}m_{120}^{(21)}m_{202}^{(20)} + 2m_{110}^{(21)}m_{120}^{(21)}m_{103}^{(00)} - 2m_{110}^{(21)}m_{120}^{(22)}m_{202}^{(10)} + 2m_{110}^{(21)}m_{120}^{(22)}m_{112}^{(00)}\\
&+8m_{110}^{(21)}m_{111}^{(00)}m_{112}^{(21)} - 4m_{110}^{(21)}m_{111}^{(00)}m_{022}^{(20)} - 4m_{110}^{(21)}m_{111}^{(00)}m_{013}^{(10)} - 8m_{110}^{(21)}m_{111}^{(10)}m_{202}^{(21)}\\
&+4m_{110}^{(21)}m_{111}^{(10)}m_{103}^{(10)} + 4m_{110}^{(21)}m_{111}^{(10)}m_{013}^{(00)} + 4m_{110}^{(21)}m_{111}^{(11)}m_{202}^{(20)} - 4m_{110}^{(21)}m_{111}^{(11)}m_{103}^{(00)}\\
&-4m_{110}^{(21)}m_{111}^{(20)}m_{112}^{(10)} + 4m_{110}^{(21)}m_{111}^{(20)}m_{022}^{(00)} + 4m_{110}^{(21)}m_{111}^{(21)}m_{202}^{(10)} - 4m_{110}^{(21)}m_{111}^{(21)}m_{112}^{(00)}\\
&-4m_{110}^{(21)}m_{102}^{(00)}m_{121}^{(21)} + 2m_{110}^{(21)}m_{102}^{(00)}m_{031}^{(20)} + 2m_{110}^{(21)}m_{102}^{(00)}m_{022}^{(10)} + 8m_{110}^{(21)}m_{102}^{(10)}m_{211}^{(21)}\\
&-2m_{110}^{(21)}m_{102}^{(10)}m_{121}^{(20)} - 4m_{110}^{(21)}m_{102}^{(10)}m_{112}^{(10)} - 2m_{110}^{(21)}m_{102}^{(10)}m_{022}^{(00)} - 4m_{110}^{(21)}m_{102}^{(11)}m_{211}^{(20)}\\
&+4m_{110}^{(21)}m_{102}^{(11)}m_{112}^{(00)} - 4m_{110}^{(21)}m_{102}^{(20)}m_{220}^{(21)} + 2m_{110}^{(21)}m_{102}^{(20)}m_{130}^{(20)} + 4m_{110}^{(21)}m_{102}^{(20)}m_{121}^{(10)}\\
&-2m_{110}^{(21)}m_{102}^{(20)}m_{031}^{(00)} + 2m_{110}^{(21)}m_{102}^{(21)}m_{220}^{(20)} - 4m_{110}^{(21)}m_{102}^{(21)}m_{211}^{(10)} + 2m_{110}^{(21)}m_{102}^{(21)}m_{121}^{(00)}\\
&+2m_{110}^{(21)}m_{102}^{(22)}m_{220}^{(10)} - 2m_{110}^{(21)}m_{102}^{(22)}m_{130}^{(00)} + 4m_{110}^{(21)}m_{021}^{(00)}m_{202}^{(21)} - 2m_{110}^{(21)}m_{021}^{(00)}m_{112}^{(20)}\\
&-2m_{110}^{(21)}m_{021}^{(00)}m_{103}^{(10)} - 2m_{110}^{(21)}m_{021}^{(10)}m_{202}^{(20)} + 2m_{110}^{(21)}m_{021}^{(10)}m_{103}^{(00)} - 4m_{110}^{(21)}m_{021}^{(20)}m_{301}^{(21)}\\
&+2m_{110}^{(21)}m_{021}^{(20)}m_{211}^{(20)} + 2m_{110}^{(21)}m_{021}^{(20)}m_{112}^{(00)} + 2m_{110}^{(21)}m_{021}^{(21)}m_{301}^{(20)} - 2m_{110}^{(21)}m_{021}^{(21)}m_{202}^{(00)}\\
&+2m_{110}^{(21)}m_{021}^{(22)}m_{301}^{(10)} - 2m_{110}^{(21)}m_{021}^{(22)}m_{211}^{(00)} - 8m_{110}^{(21)}m_{012}^{(00)}m_{211}^{(21)} + 4m_{110}^{(21)}m_{012}^{(00)}m_{121}^{(20)}\\
&+4m_{110}^{(21)}m_{012}^{(00)}m_{112}^{(10)} + 4m_{110}^{(21)}m_{012}^{(10)}m_{301}^{(21)} + 2m_{110}^{(21)}m_{012}^{(10)}m_{211}^{(20)} - 2m_{110}^{(21)}m_{012}^{(10)}m_{202}^{(10)}\\
&-4m_{110}^{(21)}m_{012}^{(10)}m_{112}^{(00)} - 2m_{110}^{(21)}m_{012}^{(11)}m_{301}^{(20)} + 2m_{110}^{(21)}m_{012}^{(11)}m_{202}^{(00)} + 4m_{110}^{(21)}m_{012}^{(20)}m_{310}^{(21)}\\
&-2m_{110}^{(21)}m_{012}^{(20)}m_{220}^{(20)} + 2m_{110}^{(21)}m_{012}^{(20)}m_{211}^{(10)} - 4m_{110}^{(21)}m_{012}^{(20)}m_{121}^{(00)} - 2m_{110}^{(21)}m_{012}^{(21)}m_{310}^{(20)}\\
&-2m_{110}^{(21)}m_{012}^{(21)}m_{301}^{(10)} + 4m_{110}^{(21)}m_{012}^{(21)}m_{211}^{(00)} - 2m_{110}^{(21)}m_{012}^{(22)}m_{310}^{(10)} + 2m_{110}^{(21)}m_{012}^{(22)}m_{220}^{(00)}\\
&+4m_{110}^{(21)}m_{003}^{(00)}m_{220}^{(21)} - 2m_{110}^{(21)}m_{003}^{(00)}m_{130}^{(20)} - 2m_{110}^{(21)}m_{003}^{(00)}m_{121}^{(10)} - 4m_{110}^{(21)}m_{003}^{(10)}m_{310}^{(21)}\\
&+2m_{110}^{(21)}m_{003}^{(10)}m_{211}^{(10)} + 2m_{110}^{(21)}m_{003}^{(10)}m_{121}^{(00)} + 2m_{110}^{(21)}m_{003}^{(11)}m_{310}^{(20)} - 2m_{110}^{(21)}m_{003}^{(11)}m_{211}^{(00)}\\
&-2m_{110}^{(21)}m_{003}^{(20)}m_{220}^{(10)} + 2m_{110}^{(21)}m_{003}^{(20)}m_{130}^{(00)} + 2m_{110}^{(21)}m_{003}^{(21)}m_{310}^{(10)} - 2m_{110}^{(21)}m_{003}^{(21)}m_{220}^{(00)}\\
&-2m_{110}^{(22)}m_{210}^{(10)}m_{103}^{(11)} + 2m_{110}^{(22)}m_{210}^{(10)}m_{013}^{(10)} + 2m_{110}^{(22)}m_{210}^{(11)}m_{103}^{(10)} - 2m_{110}^{(22)}m_{210}^{(11)}m_{013}^{(00)}\\
&+2m_{110}^{(22)}m_{210}^{(20)}m_{112}^{(11)} - 2m_{110}^{(22)}m_{210}^{(20)}m_{022}^{(10)} - 2m_{110}^{(22)}m_{210}^{(21)}m_{112}^{(10)} + 2m_{110}^{(22)}m_{210}^{(21)}m_{022}^{(00)}\\
&+2m_{110}^{(22)}m_{201}^{(10)}m_{112}^{(11)} - 2m_{110}^{(22)}m_{201}^{(10)}m_{022}^{(10)} - 2m_{110}^{(22)}m_{201}^{(11)}m_{112}^{(10)} + 2m_{110}^{(22)}m_{201}^{(11)}m_{022}^{(00)}\\
&-2m_{110}^{(22)}m_{201}^{(20)}m_{121}^{(11)} + 2m_{110}^{(22)}m_{201}^{(20)}m_{031}^{(10)} + 2m_{110}^{(22)}m_{201}^{(21)}m_{121}^{(10)} - 2m_{110}^{(22)}m_{201}^{(21)}m_{031}^{(00)}\\
&+2m_{110}^{(22)}m_{120}^{(00)}m_{103}^{(11)} - 2m_{110}^{(22)}m_{120}^{(00)}m_{013}^{(10)} - 2m_{110}^{(22)}m_{120}^{(10)}m_{103}^{(10)} + 2m_{110}^{(22)}m_{120}^{(10)}m_{013}^{(00)}\\
&-2m_{110}^{(22)}m_{120}^{(20)}m_{202}^{(11)} + 2m_{110}^{(22)}m_{120}^{(20)}m_{112}^{(10)} + 2m_{110}^{(22)}m_{120}^{(21)}m_{202}^{(10)} - 2m_{110}^{(22)}m_{120}^{(21)}m_{112}^{(00)}\\
&-4m_{110}^{(22)}m_{111}^{(00)}m_{112}^{(11)} + 4m_{110}^{(22)}m_{111}^{(00)}m_{022}^{(10)} + 4m_{110}^{(22)}m_{111}^{(10)}m_{202}^{(11)} - 4m_{110}^{(22)}m_{111}^{(10)}m_{022}^{(00)}\\
&-4m_{110}^{(22)}m_{111}^{(11)}m_{202}^{(10)} + 4m_{110}^{(22)}m_{111}^{(11)}m_{112}^{(00)} + 2m_{110}^{(22)}m_{102}^{(00)}m_{121}^{(11)} - 2m_{110}^{(22)}m_{102}^{(00)}m_{031}^{(10)}\\
&-4m_{110}^{(22)}m_{102}^{(10)}m_{211}^{(11)} + 2m_{110}^{(22)}m_{102}^{(10)}m_{121}^{(10)} + 2m_{110}^{(22)}m_{102}^{(10)}m_{031}^{(00)} + 4m_{110}^{(22)}m_{102}^{(11)}m_{211}^{(10)}\\
&-4m_{110}^{(22)}m_{102}^{(11)}m_{121}^{(00)} + 2m_{110}^{(22)}m_{102}^{(20)}m_{220}^{(11)} - 2m_{110}^{(22)}m_{102}^{(20)}m_{130}^{(10)} - 2m_{110}^{(22)}m_{102}^{(21)}m_{220}^{(10)}\\
&+2m_{110}^{(22)}m_{102}^{(21)}m_{130}^{(00)} - 2m_{110}^{(22)}m_{021}^{(00)}m_{202}^{(11)} + 2m_{110}^{(22)}m_{021}^{(00)}m_{112}^{(10)} + 2m_{110}^{(22)}m_{021}^{(10)}m_{202}^{(10)}\\
&-2m_{110}^{(22)}m_{021}^{(10)}m_{112}^{(00)} + 2m_{110}^{(22)}m_{021}^{(20)}m_{301}^{(11)} - 2m_{110}^{(22)}m_{021}^{(20)}m_{211}^{(10)} - 2m_{110}^{(22)}m_{021}^{(21)}m_{301}^{(10)}\\
&+2m_{110}^{(22)}m_{021}^{(21)}m_{211}^{(00)} + 4m_{110}^{(22)}m_{012}^{(00)}m_{211}^{(11)} - 4m_{110}^{(22)}m_{012}^{(00)}m_{121}^{(10)} - 2m_{110}^{(22)}m_{012}^{(10)}m_{301}^{(11)}\\
&-2m_{110}^{(22)}m_{012}^{(10)}m_{211}^{(10)} + 4m_{110}^{(22)}m_{012}^{(10)}m_{121}^{(00)} + 2m_{110}^{(22)}m_{012}^{(11)}m_{301}^{(10)} - 2m_{110}^{(22)}m_{012}^{(11)}m_{211}^{(00)}\\
&-2m_{110}^{(22)}m_{012}^{(20)}m_{310}^{(11)} + 2m_{110}^{(22)}m_{012}^{(20)}m_{220}^{(10)} + 2m_{110}^{(22)}m_{012}^{(21)}m_{310}^{(10)} - 2m_{110}^{(22)}m_{012}^{(21)}m_{220}^{(00)}
\end{aligned}
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\begin{aligned}
&-2m_{110}^{(22)}m_{003}^{(00)}m_{220}^{(11)} + 2m_{110}^{(22)}m_{003}^{(00)}m_{130}^{(10)} + 2m_{110}^{(22)}m_{003}^{(10)}m_{310}^{(11)} - 2m_{110}^{(22)}m_{003}^{(10)}m_{130}^{(00)}\\
&-2m_{110}^{(22)}m_{003}^{(11)}m_{310}^{(10)} + 2m_{110}^{(22)}m_{003}^{(11)}m_{220}^{(00)} + 2m_{101}^{(00)}m_{210}^{(11)}m_{022}^{(22)} - 2m_{101}^{(00)}m_{210}^{(11)}m_{013}^{(21)}\\
&-2m_{101}^{(00)}m_{210}^{(21)}m_{031}^{(22)} + 2m_{101}^{(00)}m_{210}^{(21)}m_{013}^{(11)} + 2m_{101}^{(00)}m_{210}^{(22)}m_{031}^{(21)} - 2m_{101}^{(00)}m_{210}^{(22)}m_{022}^{(11)}\\
&-2m_{101}^{(00)}m_{201}^{(11)}m_{031}^{(22)} + 2m_{101}^{(00)}m_{201}^{(11)}m_{022}^{(21)} + 2m_{101}^{(00)}m_{201}^{(21)}m_{040}^{(22)} - 2m_{101}^{(00)}m_{201}^{(21)}m_{022}^{(11)}\\
&-2m_{101}^{(00)}m_{201}^{(22)}m_{040}^{(21)} + 2m_{101}^{(00)}m_{201}^{(22)}m_{031}^{(11)} - 2m_{101}^{(00)}m_{120}^{(10)}m_{022}^{(22)} + 2m_{101}^{(00)}m_{120}^{(10)}m_{013}^{(21)}\\
&-2m_{101}^{(00)}m_{120}^{(11)}m_{112}^{(22)} + 2m_{101}^{(00)}m_{120}^{(11)}m_{103}^{(21)} + 2m_{101}^{(00)}m_{120}^{(20)}m_{022}^{(21)} - 2m_{101}^{(00)}m_{120}^{(20)}m_{013}^{(11)}\\
&+4m_{101}^{(00)}m_{120}^{(21)}m_{121}^{(22)} - 2m_{101}^{(00)}m_{120}^{(21)}m_{112}^{(21)} - 2m_{101}^{(00)}m_{120}^{(21)}m_{103}^{(11)} - 4m_{101}^{(00)}m_{120}^{(22)}m_{121}^{(21)}\\
&+4m_{101}^{(00)}m_{120}^{(22)}m_{112}^{(11)} + 4m_{101}^{(00)}m_{111}^{(10)}m_{031}^{(22)} - 4m_{101}^{(00)}m_{111}^{(10)}m_{022}^{(21)} - 4m_{101}^{(00)}m_{111}^{(20)}m_{031}^{(21)}\\
&+4m_{101}^{(00)}m_{111}^{(20)}m_{022}^{(11)} - 4m_{101}^{(00)}m_{111}^{(21)}m_{130}^{(22)} + 4m_{101}^{(00)}m_{111}^{(21)}m_{121}^{(21)} + 4m_{101}^{(00)}m_{111}^{(22)}m_{130}^{(21)}\\
&-4m_{101}^{(00)}m_{111}^{(22)}m_{121}^{(11)} - 2m_{101}^{(00)}m_{102}^{(10)}m_{040}^{(22)} + 2m_{101}^{(00)}m_{102}^{(10)}m_{031}^{(21)} + 2m_{101}^{(00)}m_{102}^{(11)}m_{130}^{(22)}\\
&-2m_{101}^{(00)}m_{102}^{(11)}m_{121}^{(21)} + 2m_{101}^{(00)}m_{102}^{(20)}m_{040}^{(21)} - 2m_{101}^{(00)}m_{102}^{(20)}m_{031}^{(11)} - 2m_{101}^{(00)}m_{102}^{(21)}m_{130}^{(21)}\\
&+2m_{101}^{(00)}m_{102}^{(21)}m_{121}^{(11)} + 2m_{101}^{(00)}m_{030}^{(10)}m_{112}^{(22)} - 2m_{101}^{(00)}m_{030}^{(10)}m_{103}^{(21)} - 2m_{101}^{(00)}m_{030}^{(20)}m_{112}^{(21)}\\
&+2m_{101}^{(00)}m_{030}^{(20)}m_{103}^{(11)} - 2m_{101}^{(00)}m_{030}^{(21)}m_{211}^{(22)} + 2m_{101}^{(00)}m_{030}^{(21)}m_{202}^{(21)} + 2m_{101}^{(00)}m_{030}^{(22)}m_{211}^{(21)}\\
&-2m_{101}^{(00)}m_{030}^{(22)}m_{202}^{(11)} - 4m_{101}^{(00)}m_{021}^{(10)}m_{121}^{(22)} + 4m_{101}^{(00)}m_{021}^{(10)}m_{112}^{(21)} + 2m_{101}^{(00)}m_{021}^{(11)}m_{211}^{(22)}\\
&-2m_{101}^{(00)}m_{021}^{(11)}m_{202}^{(21)} + 4m_{101}^{(00)}m_{021}^{(20)}m_{121}^{(21)} - 4m_{101}^{(00)}m_{021}^{(20)}m_{112}^{(11)} + 2m_{101}^{(00)}m_{021}^{(21)}m_{220}^{(22)}\\
&-4m_{101}^{(00)}m_{021}^{(21)}m_{211}^{(21)} + 2m_{101}^{(00)}m_{021}^{(21)}m_{202}^{(11)} - 2m_{101}^{(00)}m_{021}^{(22)}m_{220}^{(21)} + 2m_{101}^{(00)}m_{021}^{(22)}m_{211}^{(11)}\\
&+2m_{101}^{(00)}m_{012}^{(10)}m_{130}^{(22)} - 2m_{101}^{(00)}m_{012}^{(10)}m_{121}^{(21)} - 2m_{101}^{(00)}m_{012}^{(11)}m_{220}^{(22)} + 2m_{101}^{(00)}m_{012}^{(11)}m_{211}^{(21)}\\
&-2m_{101}^{(00)}m_{012}^{(20)}m_{130}^{(21)} + 2m_{101}^{(00)}m_{012}^{(20)}m_{121}^{(11)} + 2m_{101}^{(00)}m_{012}^{(21)}m_{220}^{(21)} - 2m_{101}^{(00)}m_{012}^{(21)}m_{211}^{(11)}\\
&-2m_{101}^{(10)}m_{210}^{(10)}m_{022}^{(22)} + 2m_{101}^{(10)}m_{210}^{(10)}m_{013}^{(21)} - 2m_{101}^{(10)}m_{210}^{(11)}m_{112}^{(22)} + 2m_{101}^{(10)}m_{210}^{(11)}m_{013}^{(20)}\\
&+2m_{101}^{(10)}m_{210}^{(20)}m_{031}^{(22)} - 2m_{101}^{(10)}m_{210}^{(20)}m_{022}^{(21)} + 2m_{101}^{(10)}m_{210}^{(21)}m_{121}^{(22)} + 2m_{101}^{(10)}m_{210}^{(21)}m_{112}^{(21)}\\
&-4m_{101}^{(10)}m_{210}^{(21)}m_{013}^{(10)} - 2m_{101}^{(10)}m_{210}^{(22)}m_{121}^{(21)} - 2m_{101}^{(10)}m_{210}^{(22)}m_{031}^{(20)} + 4m_{101}^{(10)}m_{210}^{(22)}m_{022}^{(10)}\\
&+2m_{101}^{(10)}m_{201}^{(10)}m_{031}^{(22)} - 2m_{101}^{(10)}m_{201}^{(10)}m_{022}^{(21)} + 2m_{101}^{(10)}m_{201}^{(11)}m_{121}^{(22)} - 2m_{101}^{(10)}m_{201}^{(11)}m_{022}^{(20)}\\
&-2m_{101}^{(10)}m_{201}^{(20)}m_{040}^{(22)} + 2m_{101}^{(10)}m_{201}^{(20)}m_{031}^{(21)} - 2m_{101}^{(10)}m_{201}^{(21)}m_{130}^{(22)} - 2m_{101}^{(10)}m_{201}^{(21)}m_{121}^{(21)}\\
&+4m_{101}^{(10)}m_{201}^{(21)}m_{022}^{(10)} + 2m_{101}^{(10)}m_{201}^{(22)}m_{130}^{(21)} + 2m_{101}^{(10)}m_{201}^{(22)}m_{040}^{(20)} - 4m_{101}^{(10)}m_{201}^{(22)}m_{031}^{(10)}\\
&+2m_{101}^{(10)}m_{120}^{(00)}m_{022}^{(22)} - 2m_{101}^{(10)}m_{120}^{(00)}m_{013}^{(21)} + 4m_{101}^{(10)}m_{120}^{(10)}m_{112}^{(22)} - 2m_{101}^{(10)}m_{120}^{(10)}m_{103}^{(21)}\\
&-2m_{101}^{(10)}m_{120}^{(10)}m_{013}^{(20)} + 2m_{101}^{(10)}m_{120}^{(11)}m_{202}^{(22)} - 2m_{101}^{(10)}m_{120}^{(11)}m_{103}^{(20)} - 4m_{101}^{(10)}m_{120}^{(20)}m_{121}^{(22)}\\
&+2m_{101}^{(10)}m_{120}^{(20)}m_{112}^{(21)} - 2m_{101}^{(10)}m_{120}^{(20)}m_{022}^{(20)} + 4m_{101}^{(10)}m_{120}^{(20)}m_{013}^{(10)} - 4m_{101}^{(10)}m_{120}^{(21)}m_{211}^{(22)}\\
&-2m_{101}^{(10)}m_{120}^{(21)}m_{202}^{(21)} + 2m_{101}^{(10)}m_{120}^{(21)}m_{112}^{(20)} + 4m_{101}^{(10)}m_{120}^{(21)}m_{103}^{(10)} + 4m_{101}^{(10)}m_{120}^{(22)}m_{211}^{(21)}\\
&+4m_{101}^{(10)}m_{120}^{(22)}m_{121}^{(20)} - 8m_{101}^{(10)}m_{120}^{(22)}m_{112}^{(10)} - 4m_{101}^{(10)}m_{111}^{(00)}m_{031}^{(22)} + 4m_{101}^{(10)}m_{111}^{(00)}m_{022}^{(21)}\\
&-4m_{101}^{(10)}m_{111}^{(10)}m_{121}^{(22)} + 4m_{101}^{(10)}m_{111}^{(10)}m_{022}^{(20)} + 4m_{101}^{(10)}m_{111}^{(20)}m_{130}^{(22)} + 4m_{101}^{(10)}m_{111}^{(20)}m_{031}^{(20)}\\
&-8m_{101}^{(10)}m_{111}^{(20)}m_{022}^{(10)} + 4m_{101}^{(10)}m_{111}^{(21)}m_{220}^{(22)} - 4m_{101}^{(10)}m_{111}^{(21)}m_{121}^{(20)} - 4m_{101}^{(10)}m_{111}^{(22)}m_{220}^{(21)}\\
&-4m_{101}^{(10)}m_{111}^{(22)}m_{130}^{(20)} + 8m_{101}^{(10)}m_{111}^{(22)}m_{121}^{(10)} + 2m_{101}^{(10)}m_{102}^{(00)}m_{040}^{(22)} - 2m_{101}^{(10)}m_{102}^{(00)}m_{031}^{(21)}\\
&+2m_{101}^{(10)}m_{102}^{(10)}m_{121}^{(21)} - 2m_{101}^{(10)}m_{102}^{(10)}m_{031}^{(20)} - 2m_{101}^{(10)}m_{102}^{(11)}m_{220}^{(22)} + 2m_{101}^{(10)}m_{102}^{(11)}m_{121}^{(20)}\\
&-2m_{101}^{(10)}m_{102}^{(20)}m_{130}^{(21)} - 2m_{101}^{(10)}m_{102}^{(20)}m_{040}^{(20)} + 4m_{101}^{(10)}m_{102}^{(20)}m_{031}^{(10)} + 2m_{101}^{(10)}m_{102}^{(21)}m_{220}^{(21)}\\
&+2m_{101}^{(10)}m_{102}^{(21)}m_{130}^{(20)} - 4m_{101}^{(10)}m_{102}^{(21)}m_{121}^{(10)} - 2m_{101}^{(10)}m_{030}^{(00)}m_{112}^{(22)} + 2m_{101}^{(10)}m_{030}^{(00)}m_{103}^{(21)}\\
&-2m_{101}^{(10)}m_{030}^{(10)}m_{202}^{(22)} + 2m_{101}^{(10)}m_{030}^{(10)}m_{103}^{(20)} + 2m_{101}^{(10)}m_{030}^{(20)}m_{211}^{(22)} + 2m_{101}^{(10)}m_{030}^{(20)}m_{112}^{(20)}\\
&-4m_{101}^{(10)}m_{030}^{(20)}m_{103}^{(10)} + 2m_{101}^{(10)}m_{030}^{(21)}m_{301}^{(22)} - 2m_{101}^{(10)}m_{030}^{(21)}m_{202}^{(20)} - 2m_{101}^{(10)}m_{030}^{(22)}m_{301}^{(21)}\\
&-2m_{101}^{(10)}m_{030}^{(22)}m_{211}^{(20)} + 4m_{101}^{(10)}m_{030}^{(22)}m_{202}^{(10)} + 4m_{101}^{(10)}m_{021}^{(00)}m_{121}^{(22)} - 4m_{101}^{(10)}m_{021}^{(00)}m_{112}^{(21)}
\end{aligned}
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\begin{array}{llll}
+2m_{101}^{(10)}m_{021}^{(10)}m_{211}^{(22)} & +2m_{101}^{(10)}m_{021}^{(10)}m_{202}^{(21)} & -4m_{101}^{(10)}m_{021}^{(10)}m_{112}^{(20)} & -2m_{101}^{(10)}m_{021}^{(11)}m_{301}^{(22)} \\
+2m_{101}^{(10)}m_{021}^{(11)}m_{202}^{(20)} & -2m_{101}^{(10)}m_{021}^{(20)}m_{220}^{(22)} & -2m_{101}^{(10)}m_{021}^{(20)}m_{211}^{(21)} & -4m_{101}^{(10)}m_{021}^{(20)}m_{121}^{(20)} \\
+8m_{101}^{(10)}m_{021}^{(20)}m_{112}^{(10)} & -2m_{101}^{(10)}m_{021}^{(21)}m_{310}^{(22)} & +2m_{101}^{(10)}m_{021}^{(21)}m_{301}^{(21)} & +4m_{101}^{(10)}m_{021}^{(21)}m_{211}^{(20)} \\
-4m_{101}^{(10)}m_{021}^{(21)}m_{202}^{(10)} & +2m_{101}^{(10)}m_{021}^{(22)}m_{310}^{(21)} & +2m_{101}^{(10)}m_{021}^{(22)}m_{220}^{(20)} & -4m_{101}^{(10)}m_{021}^{(22)}m_{211}^{(10)} \\
-2m_{101}^{(10)}m_{012}^{(00)}m_{130}^{(22)} & +2m_{101}^{(10)}m_{012}^{(00)}m_{121}^{(21)} & -2m_{101}^{(10)}m_{012}^{(10)}m_{211}^{(21)} & +2m_{101}^{(10)}m_{012}^{(10)}m_{121}^{(20)} \\
+2m_{101}^{(10)}m_{012}^{(11)}m_{310}^{(22)} & -2m_{101}^{(10)}m_{012}^{(11)}m_{211}^{(20)} & +2m_{101}^{(10)}m_{012}^{(20)}m_{220}^{(21)} & +2m_{101}^{(10)}m_{012}^{(20)}m_{130}^{(20)} \\
-4m_{101}^{(10)}m_{012}^{(20)}m_{121}^{(10)} & -2m_{101}^{(10)}m_{012}^{(21)}m_{310}^{(21)} & -2m_{101}^{(10)}m_{012}^{(21)}m_{220}^{(20)} & +4m_{101}^{(10)}m_{012}^{(21)}m_{211}^{(10)} \\
+2m_{101}^{(11)}m_{210}^{(10)}m_{112}^{(22)} & -2m_{101}^{(11)}m_{210}^{(10)}m_{013}^{(20)} & -2m_{101}^{(11)}m_{210}^{(20)}m_{121}^{(22)} & +2m_{101}^{(11)}m_{210}^{(20)}m_{022}^{(20)} \\
-2m_{101}^{(11)}m_{210}^{(21)}m_{112}^{(20)} & +2m_{101}^{(11)}m_{210}^{(21)}m_{013}^{(00)} & +2m_{101}^{(11)}m_{210}^{(22)}m_{121}^{(20)} & -2m_{101}^{(11)}m_{210}^{(22)}m_{022}^{(00)} \\
-2m_{101}^{(11)}m_{201}^{(10)}m_{121}^{(22)} & +2m_{101}^{(11)}m_{201}^{(10)}m_{022}^{(20)} & +2m_{101}^{(11)}m_{201}^{(20)}m_{130}^{(22)} & -2m_{101}^{(11)}m_{201}^{(20)}m_{031}^{(20)} \\
+2m_{101}^{(11)}m_{201}^{(21)}m_{121}^{(20)} & -2m_{101}^{(11)}m_{201}^{(21)}m_{022}^{(00)} & -2m_{101}^{(11)}m_{201}^{(22)}m_{130}^{(20)} & +2m_{101}^{(11)}m_{201}^{(22)}m_{031}^{(00)} \\
-2m_{101}^{(11)}m_{120}^{(00)}m_{112}^{(22)} & +2m_{101}^{(11)}m_{120}^{(00)}m_{013}^{(20)} & -2m_{101}^{(11)}m_{120}^{(10)}m_{202}^{(22)} & +2m_{101}^{(11)}m_{120}^{(10)}m_{103}^{(20)} \\
+4m_{101}^{(11)}m_{120}^{(20)}m_{211}^{(22)} & -2m_{101}^{(11)}m_{120}^{(20)}m_{112}^{(20)} & -2m_{101}^{(11)}m_{120}^{(20)}m_{013}^{(00)} & +2m_{101}^{(11)}m_{120}^{(21)}m_{202}^{(20)} \\
-2m_{101}^{(11)}m_{120}^{(21)}m_{103}^{(00)} & -4m_{101}^{(11)}m_{120}^{(22)}m_{211}^{(20)} & +4m_{101}^{(11)}m_{120}^{(22)}m_{112}^{(00)} & +4m_{101}^{(11)}m_{111}^{(00)}m_{121}^{(22)} \\
-4m_{101}^{(11)}m_{111}^{(00)}m_{022}^{(20)} & -4m_{101}^{(11)}m_{111}^{(20)}m_{220}^{(22)} & +4m_{101}^{(11)}m_{111}^{(20)}m_{022}^{(00)} & +4m_{101}^{(11)}m_{111}^{(22)}m_{220}^{(20)} \\
-4m_{101}^{(11)}m_{111}^{(22)}m_{121}^{(00)} & -2m_{101}^{(11)}m_{102}^{(00)}m_{130}^{(22)} & +2m_{101}^{(11)}m_{102}^{(00)}m_{031}^{(20)} & +2m_{101}^{(11)}m_{102}^{(10)}m_{220}^{(22)} \\
-2m_{101}^{(11)}m_{102}^{(10)}m_{121}^{(20)} & +2m_{101}^{(11)}m_{102}^{(20)}m_{130}^{(20)} & -2m_{101}^{(11)}m_{102}^{(20)}m_{031}^{(00)} & -2m_{101}^{(11)}m_{102}^{(21)}m_{220}^{(20)} \\
+2m_{101}^{(11)}m_{102}^{(21)}m_{121}^{(00)} & +2m_{101}^{(11)}m_{030}^{(00)}m_{202}^{(22)} & -2m_{101}^{(11)}m_{030}^{(00)}m_{103}^{(20)} & -2m_{101}^{(11)}m_{030}^{(20)}m_{301}^{(22)} \\
+2m_{101}^{(11)}m_{030}^{(20)}m_{103}^{(00)} & +2m_{101}^{(11)}m_{030}^{(22)}m_{301}^{(20)} & -2m_{101}^{(11)}m_{030}^{(22)}m_{202}^{(00)} & -4m_{101}^{(11)}m_{021}^{(00)}m_{211}^{(22)} \\
+4m_{101}^{(11)}m_{021}^{(00)}m_{112}^{(20)} & +2m_{101}^{(11)}m_{021}^{(10)}m_{301}^{(22)} & -2m_{101}^{(11)}m_{021}^{(10)}m_{202}^{(20)} & +2m_{101}^{(11)}m_{021}^{(20)}m_{310}^{(22)} \\
+2m_{101}^{(11)}m_{021}^{(20)}m_{211}^{(20)} & -4m_{101}^{(11)}m_{021}^{(20)}m_{112}^{(00)} & -2m_{101}^{(11)}m_{021}^{(21)}m_{301}^{(20)} & +2m_{101}^{(11)}m_{021}^{(21)}m_{202}^{(00)} \\
-2m_{101}^{(11)}m_{021}^{(22)}m_{310}^{(20)} & +2m_{101}^{(11)}m_{021}^{(22)}m_{211}^{(00)} & +2m_{101}^{(11)}m_{012}^{(00)}m_{220}^{(22)} & -2m_{101}^{(11)}m_{012}^{(00)}m_{121}^{(20)} \\
-2m_{101}^{(11)}m_{012}^{(10)}m_{310}^{(22)} & +2m_{101}^{(11)}m_{012}^{(10)}m_{211}^{(20)} & -2m_{101}^{(11)}m_{012}^{(20)}m_{220}^{(20)} & +2m_{101}^{(11)}m_{012}^{(20)}m_{121}^{(00)} \\
+2m_{101}^{(11)}m_{012}^{(21)}m_{310}^{(20)} & -2m_{101}^{(11)}m_{012}^{(21)}m_{211}^{(00)} & +2m_{101}^{(20)}m_{210}^{(10)}m_{022}^{(21)} & -2m_{101}^{(20)}m_{210}^{(10)}m_{013}^{(11)} \\
+2m_{101}^{(20)}m_{210}^{(11)}m_{112}^{(21)} & -4m_{101}^{(20)}m_{210}^{(11)}m_{022}^{(20)} & +2m_{101}^{(20)}m_{210}^{(11)}m_{013}^{(10)} & -2m_{101}^{(20)}m_{210}^{(20)}m_{031}^{(21)} \\
+2m_{101}^{(20)}m_{210}^{(20)}m_{022}^{(11)} & -2m_{101}^{(20)}m_{210}^{(21)}m_{121}^{(21)} & -2m_{101}^{(20)}m_{210}^{(21)}m_{112}^{(11)} & +4m_{101}^{(20)}m_{210}^{(21)}m_{031}^{(20)} \\
+2m_{101}^{(20)}m_{210}^{(22)}m_{121}^{(11)} & -2m_{101}^{(20)}m_{210}^{(22)}m_{031}^{(10)} & -2m_{101}^{(20)}m_{201}^{(10)}m_{031}^{(21)} & +2m_{101}^{(20)}m_{201}^{(10)}m_{022}^{(11)} \\
-2m_{101}^{(20)}m_{201}^{(11)}m_{121}^{(21)} & +4m_{101}^{(20)}m_{201}^{(11)}m_{031}^{(20)} & -2m_{101}^{(20)}m_{201}^{(11)}m_{022}^{(10)} & +2m_{101}^{(20)}m_{201}^{(20)}m_{040}^{(21)} \\
-2m_{101}^{(20)}m_{201}^{(20)}m_{031}^{(11)} & +2m_{101}^{(20)}m_{201}^{(21)}m_{130}^{(21)} & +2m_{101}^{(20)}m_{201}^{(21)}m_{121}^{(11)} & -4m_{101}^{(20)}m_{201}^{(21)}m_{040}^{(20)} \\
-2m_{101}^{(20)}m_{201}^{(22)}m_{130}^{(11)} & +2m_{101}^{(20)}m_{201}^{(22)}m_{040}^{(10)} & -2m_{101}^{(20)}m_{120}^{(00)}m_{022}^{(21)} & +2m_{101}^{(20)}m_{120}^{(00)}m_{013}^{(11)} \\
-4m_{101}^{(20)}m_{120}^{(10)}m_{112}^{(21)} & +2m_{101}^{(20)}m_{120}^{(10)}m_{103}^{(11)} & +4m_{101}^{(20)}m_{120}^{(10)}m_{022}^{(20)} & -2m_{101}^{(20)}m_{120}^{(10)}m_{013}^{(10)} \\
-2m_{101}^{(20)}m_{120}^{(11)}m_{202}^{(21)} & +4m_{101}^{(20)}m_{120}^{(11)}m_{112}^{(20)} & -2m_{101}^{(20)}m_{120}^{(11)}m_{103}^{(10)} & +4m_{101}^{(20)}m_{120}^{(20)}m_{121}^{(21)} \\
-2m_{101}^{(20)}m_{120}^{(20)}m_{112}^{(11)} & -2m_{101}^{(20)}m_{120}^{(20)}m_{022}^{(10)} & +4m_{101}^{(20)}m_{120}^{(21)}m_{211}^{(21)} & +2m_{101}^{(20)}m_{120}^{(21)}m_{202}^{(11)} \\
-8m_{101}^{(20)}m_{120}^{(21)}m_{121}^{(20)} & +2m_{101}^{(20)}m_{120}^{(21)}m_{112}^{(10)} & -4m_{101}^{(20)}m_{120}^{(22)}m_{211}^{(11)} & +4m_{101}^{(20)}m_{120}^{(22)}m_{121}^{(10)} \\
+4m_{101}^{(20)}m_{111}^{(00)}m_{031}^{(21)} & -4m_{101}^{(20)}m_{111}^{(00)}m_{022}^{(11)} & +4m_{101}^{(20)}m_{111}^{(10)}m_{121}^{(21)} & -8m_{101}^{(20)}m_{111}^{(10)}m_{031}^{(20)} \\
+4m_{101}^{(20)}m_{111}^{(10)}m_{022}^{(10)} & -4m_{101}^{(20)}m_{111}^{(20)}m_{130}^{(21)} & +4m_{101}^{(20)}m_{111}^{(20)}m_{031}^{(10)} & -4m_{101}^{(20)}m_{111}^{(21)}m_{220}^{(21)} \\
+8m_{101}^{(20)}m_{111}^{(21)}m_{130}^{(20)} & -4m_{101}^{(20)}m_{111}^{(21)}m_{121}^{(10)} & +4m_{101}^{(20)}m_{111}^{(22)}m_{220}^{(11)} & -4m_{101}^{(20)}m_{111}^{(22)}m_{130}^{(10)} \\
-2m_{101}^{(20)}m_{102}^{(00)}m_{040}^{(21)} & +2m_{101}^{(20)}m_{102}^{(00)}m_{031}^{(11)} & -2m_{101}^{(20)}m_{102}^{(10)}m_{121}^{(11)} & +4m_{101}^{(20)}m_{102}^{(10)}m_{040}^{(20)}
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\begin{aligned}
&-2m_{101}^{(20)}m_{102}^{(10)}m_{031}^{(10)} + 2m_{101}^{(20)}m_{102}^{(11)}m_{220}^{(21)} - 4m_{101}^{(20)}m_{101}^{(11)}m_{102}^{(20)}m_{130} + 2m_{101}^{(20)}m_{102}^{(11)}m_{121}^{(10)}\\
&+2m_{101}^{(20)}m_{102}^{(20)}m_{130}^{(11)} - 2m_{101}^{(20)}m_{102}^{(20)}m_{040}^{(10)} - 2m_{101}^{(20)}m_{102}^{(21)}m_{220}^{(11)} + 2m_{101}^{(20)}m_{102}^{(21)}m_{130}^{(10)}\\
&+2m_{101}^{(20)}m_{030}^{(00)}m_{112}^{(21)} - 2m_{101}^{(20)}m_{030}^{(00)}m_{103}^{(11)} + 2m_{101}^{(20)}m_{030}^{(10)}m_{202}^{(21)} - 4m_{101}^{(20)}m_{030}^{(10)}m_{112}^{(20)}\\
&+2m_{101}^{(20)}m_{030}^{(10)}m_{103}^{(10)} - 2m_{101}^{(20)}m_{030}^{(20)}m_{211}^{(21)} + 2m_{101}^{(20)}m_{030}^{(20)}m_{112}^{(10)} - 2m_{101}^{(20)}m_{030}^{(21)}m_{301}^{(21)}\\
&+4m_{101}^{(20)}m_{030}^{(21)}m_{211}^{(20)} - 2m_{101}^{(20)}m_{030}^{(21)}m_{202}^{(10)} + 2m_{101}^{(20)}m_{030}^{(22)}m_{301}^{(11)} - 2m_{101}^{(20)}m_{030}^{(22)}m_{211}^{(10)}\\
&-4m_{101}^{(20)}m_{021}^{(00)}m_{121}^{(21)} + 4m_{101}^{(20)}m_{021}^{(00)}m_{112}^{(11)} - 2m_{101}^{(20)}m_{021}^{(10)}m_{211}^{(21)} - 2m_{101}^{(20)}m_{021}^{(10)}m_{202}^{(11)}\\
&+8m_{101}^{(20)}m_{021}^{(10)}m_{121}^{(20)} - 4m_{101}^{(20)}m_{021}^{(10)}m_{112}^{(10)} + 2m_{101}^{(20)}m_{021}^{(11)}m_{301}^{(21)} - 4m_{101}^{(20)}m_{021}^{(11)}m_{211}^{(20)}\\
&+2m_{101}^{(20)}m_{021}^{(11)}m_{202}^{(10)} + 2m_{101}^{(20)}m_{021}^{(20)}m_{220}^{(21)} + 2m_{101}^{(20)}m_{021}^{(20)}m_{211}^{(11)} - 4m_{101}^{(20)}m_{021}^{(20)}m_{121}^{(10)}\\
&+2m_{101}^{(20)}m_{021}^{(21)}m_{310}^{(21)} - 2m_{101}^{(20)}m_{021}^{(21)}m_{301}^{(11)} - 4m_{101}^{(20)}m_{021}^{(21)}m_{220}^{(20)} + 4m_{101}^{(20)}m_{021}^{(21)}m_{211}^{(10)}\\
&-2m_{101}^{(20)}m_{021}^{(22)}m_{310}^{(11)} + 2m_{101}^{(20)}m_{021}^{(22)}m_{220}^{(10)} + 2m_{101}^{(20)}m_{012}^{(00)}m_{130}^{(21)} - 2m_{101}^{(20)}m_{012}^{(00)}m_{121}^{(11)}\\
&+2m_{101}^{(20)}m_{012}^{(10)}m_{211}^{(11)} - 4m_{101}^{(20)}m_{012}^{(10)}m_{130}^{(20)} + 2m_{101}^{(20)}m_{012}^{(10)}m_{121}^{(10)} - 2m_{101}^{(20)}m_{012}^{(11)}m_{310}^{(21)}\\
&+4m_{101}^{(20)}m_{012}^{(11)}m_{220}^{(20)} - 2m_{101}^{(20)}m_{012}^{(11)}m_{211}^{(10)} - 2m_{101}^{(20)}m_{012}^{(20)}m_{220}^{(11)} + 2m_{101}^{(20)}m_{012}^{(20)}m_{130}^{(10)}\\
&+2m_{101}^{(20)}m_{012}^{(21)}m_{310}^{(11)} - 2m_{101}^{(20)}m_{012}^{(21)}m_{220}^{(10)} - 4m_{101}^{(21)}m_{210}^{(10)}m_{112}^{(21)} + 2m_{101}^{(21)}m_{210}^{(10)}m_{022}^{(20)}\\
&+2m_{101}^{(21)}m_{210}^{(10)}m_{013}^{(10)} + 2m_{101}^{(21)}m_{210}^{(11)}m_{112}^{(20)} - 2m_{101}^{(21)}m_{210}^{(11)}m_{013}^{(00)} + 4m_{101}^{(21)}m_{210}^{(20)}m_{121}^{(21)}\\
&-2m_{101}^{(21)}m_{210}^{(20)}m_{031}^{(20)} - 2m_{101}^{(21)}m_{210}^{(20)}m_{022}^{(10)} - 2m_{101}^{(21)}m_{210}^{(21)}m_{121}^{(20)} + 2m_{101}^{(21)}m_{210}^{(21)}m_{112}^{(10)}\\
&-2m_{101}^{(21)}m_{210}^{(22)}m_{121}^{(10)} + 2m_{101}^{(21)}m_{210}^{(22)}m_{031}^{(00)} + 4m_{101}^{(21)}m_{201}^{(10)}m_{121}^{(21)} - 2m_{101}^{(21)}m_{201}^{(10)}m_{031}^{(20)}\\
&-2m_{101}^{(21)}m_{201}^{(10)}m_{022}^{(10)} - 2m_{101}^{(21)}m_{201}^{(11)}m_{121}^{(20)} + 2m_{101}^{(21)}m_{201}^{(11)}m_{022}^{(00)} - 4m_{101}^{(21)}m_{201}^{(20)}m_{130}^{(21)}\\
&+2m_{101}^{(21)}m_{201}^{(20)}m_{040}^{(20)} + 2m_{101}^{(21)}m_{201}^{(20)}m_{031}^{(10)} + 2m_{101}^{(21)}m_{201}^{(21)}m_{130}^{(20)} - 2m_{101}^{(21)}m_{201}^{(21)}m_{121}^{(10)}\\
&+2m_{101}^{(21)}m_{201}^{(22)}m_{130}^{(10)} - 2m_{101}^{(21)}m_{201}^{(22)}m_{040}^{(00)} + 4m_{101}^{(21)}m_{120}^{(00)}m_{112}^{(21)} - 2m_{101}^{(21)}m_{120}^{(00)}m_{022}^{(20)}\\
&-2m_{101}^{(21)}m_{120}^{(00)}m_{013}^{(10)} + 4m_{101}^{(21)}m_{120}^{(10)}m_{202}^{(21)} - 4m_{101}^{(21)}m_{120}^{(10)}m_{112}^{(20)} - 2m_{101}^{(21)}m_{120}^{(10)}m_{103}^{(10)}\\
&+2m_{101}^{(21)}m_{120}^{(10)}m_{013}^{(00)} - 2m_{101}^{(21)}m_{120}^{(11)}m_{202}^{(20)} + 2m_{101}^{(21)}m_{120}^{(11)}m_{103}^{(00)} - 8m_{101}^{(21)}m_{120}^{(20)}m_{211}^{(21)}\\
&+4m_{101}^{(21)}m_{120}^{(20)}m_{121}^{(20)} + 2m_{101}^{(21)}m_{120}^{(20)}m_{112}^{(10)} + 2m_{101}^{(21)}m_{120}^{(20)}m_{022}^{(00)} + 4m_{101}^{(21)}m_{120}^{(21)}m_{211}^{(20)}\\
&-2m_{101}^{(21)}m_{120}^{(21)}m_{202}^{(10)} - 2m_{101}^{(21)}m_{120}^{(21)}m_{112}^{(00)} + 4m_{101}^{(21)}m_{120}^{(22)}m_{211}^{(10)} - 4m_{101}^{(21)}m_{120}^{(22)}m_{121}^{(00)}\\
&-8m_{101}^{(21)}m_{111}^{(00)}m_{121}^{(21)} + 4m_{101}^{(21)}m_{111}^{(00)}m_{031}^{(20)} + 4m_{101}^{(21)}m_{111}^{(00)}m_{022}^{(10)} + 4m_{101}^{(21)}m_{111}^{(10)}m_{121}^{(20)}\\
&-4m_{101}^{(21)}m_{111}^{(10)}m_{022}^{(00)} + 8m_{101}^{(21)}m_{111}^{(20)}m_{220}^{(21)} - 4m_{101}^{(21)}m_{111}^{(20)}m_{130}^{(20)} - 4m_{101}^{(21)}m_{111}^{(20)}m_{031}^{(00)}\\
&-4m_{101}^{(21)}m_{111}^{(21)}m_{220}^{(20)} + 4m_{101}^{(21)}m_{111}^{(21)}m_{121}^{(00)} - 4m_{101}^{(21)}m_{111}^{(22)}m_{220}^{(10)} + 4m_{101}^{(21)}m_{111}^{(22)}m_{130}^{(00)}\\
&+4m_{101}^{(21)}m_{102}^{(00)}m_{130}^{(21)} - 2m_{101}^{(21)}m_{102}^{(00)}m_{040}^{(20)} - 2m_{101}^{(21)}m_{102}^{(00)}m_{031}^{(10)} - 4m_{101}^{(21)}m_{102}^{(10)}m_{220}^{(21)}\\
&+2m_{101}^{(21)}m_{102}^{(10)}m_{121}^{(10)} + 2m_{101}^{(21)}m_{102}^{(10)}m_{031}^{(00)} + 2m_{101}^{(21)}m_{102}^{(11)}m_{220}^{(20)} - 2m_{101}^{(21)}m_{102}^{(11)}m_{121}^{(00)}\\
&-2m_{101}^{(21)}m_{102}^{(20)}m_{130}^{(10)} + 2m_{101}^{(21)}m_{102}^{(20)}m_{040}^{(00)} + 2m_{101}^{(21)}m_{102}^{(21)}m_{220}^{(10)} - 2m_{101}^{(21)}m_{102}^{(21)}m_{130}^{(00)}\\
&-4m_{101}^{(21)}m_{030}^{(00)}m_{202}^{(21)} + 2m_{101}^{(21)}m_{030}^{(00)}m_{112}^{(20)} + 2m_{101}^{(21)}m_{030}^{(00)}m_{103}^{(10)} + 2m_{101}^{(21)}m_{030}^{(10)}m_{202}^{(20)}\\
&-2m_{101}^{(21)}m_{030}^{(10)}m_{103}^{(00)} + 4m_{101}^{(21)}m_{030}^{(20)}m_{301}^{(21)} - 2m_{101}^{(21)}m_{030}^{(20)}m_{211}^{(20)} - 2m_{101}^{(21)}m_{030}^{(20)}m_{112}^{(00)}\\
&-2m_{101}^{(21)}m_{030}^{(21)}m_{301}^{(20)} + 2m_{101}^{(21)}m_{030}^{(21)}m_{202}^{(00)} - 2m_{101}^{(21)}m_{030}^{(22)}m_{301}^{(10)} + 2m_{101}^{(21)}m_{030}^{(22)}m_{211}^{(00)}\\
&+8m_{101}^{(21)}m_{021}^{(00)}m_{211}^{(21)} - 4m_{101}^{(21)}m_{021}^{(00)}m_{121}^{(20)} - 4m_{101}^{(21)}m_{021}^{(00)}m_{112}^{(10)} - 4m_{101}^{(21)}m_{021}^{(10)}m_{301}^{(21)}\\
&-2m_{101}^{(21)}m_{021}^{(10)}m_{211}^{(20)} + 2m_{101}^{(21)}m_{021}^{(10)}m_{202}^{(10)} + 4m_{101}^{(21)}m_{021}^{(10)}m_{112}^{(00)} + 2m_{101}^{(21)}m_{021}^{(11)}m_{301}^{(20)}\\
&-2m_{101}^{(21)}m_{021}^{(11)}m_{202}^{(00)} - 4m_{101}^{(21)}m_{021}^{(20)}m_{310}^{(21)} + 2m_{101}^{(21)}m_{021}^{(20)}m_{220}^{(20)} - 2m_{101}^{(21)}m_{021}^{(20)}m_{211}^{(10)}\\
&+4m_{101}^{(21)}m_{021}^{(20)}m_{121}^{(00)} + 2m_{101}^{(21)}m_{021}^{(21)}m_{310}^{(20)} + 2m_{101}^{(21)}m_{021}^{(21)}m_{301}^{(10)} - 4m_{101}^{(21)}m_{021}^{(21)}m_{211}^{(00)}\\
&+2m_{101}^{(21)}m_{021}^{(22)}m_{310}^{(10)} - 2m_{101}^{(21)}m_{021}^{(22)}m_{220}^{(00)} - 4m_{101}^{(21)}m_{012}^{(00)}m_{220}^{(21)} + 2m_{101}^{(21)}m_{012}^{(00)}m_{130}^{(20)}\\
&+2m_{101}^{(21)}m_{012}^{(00)}m_{121}^{(10)} + 4m_{101}^{(21)}m_{012}^{(10)}m_{310}^{(21)} - 2m_{101}^{(21)}m_{012}^{(10)}m_{211}^{(10)} - 2m_{101}^{(21)}m_{012}^{(10)}m_{121}^{(00)}
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\begin{aligned}
&-2m_{101}^{(21)}m_{012}^{(11)}m_{310}^{(20)} + 2m_{101}^{(21)}m_{012}^{(11)}m_{211}^{(00)} + 2m_{101}^{(21)}m_{012}^{(20)}m_{220}^{(10)} - 2m_{101}^{(21)}m_{012}^{(20)}m_{130}^{(00)}\\
&-2m_{101}^{(21)}m_{012}^{(21)}m_{310}^{(10)} + 2m_{101}^{(21)}m_{012}^{(21)}m_{220}^{(00)} + 2m_{101}^{(22)}m_{210}^{(10)}m_{112}^{(11)} - 2m_{101}^{(22)}m_{210}^{(10)}m_{022}^{(10)}\\
&-2m_{101}^{(22)}m_{210}^{(11)}m_{112}^{(10)} + 2m_{101}^{(22)}m_{210}^{(11)}m_{022}^{(00)} - 2m_{101}^{(22)}m_{210}^{(20)}m_{121}^{(11)} + 2m_{101}^{(22)}m_{210}^{(20)}m_{031}^{(10)}\\
&+2m_{101}^{(22)}m_{210}^{(21)}m_{121}^{(10)} - 2m_{101}^{(22)}m_{210}^{(21)}m_{031}^{(00)} - 2m_{101}^{(22)}m_{201}^{(10)}m_{121}^{(11)} + 2m_{101}^{(22)}m_{201}^{(10)}m_{031}^{(10)}\\
&+2m_{101}^{(22)}m_{201}^{(11)}m_{121}^{(10)} - 2m_{101}^{(22)}m_{201}^{(11)}m_{031}^{(00)} + 2m_{101}^{(22)}m_{201}^{(20)}m_{130}^{(11)} - 2m_{101}^{(22)}m_{201}^{(20)}m_{040}^{(10)}\\
&-2m_{101}^{(22)}m_{201}^{(21)}m_{130}^{(10)} + 2m_{101}^{(22)}m_{201}^{(21)}m_{040}^{(00)} - 2m_{101}^{(22)}m_{120}^{(00)}m_{112}^{(11)} + 2m_{101}^{(22)}m_{120}^{(00)}m_{022}^{(10)}\\
&-2m_{101}^{(22)}m_{120}^{(10)}m_{202}^{(11)} + 4m_{101}^{(22)}m_{120}^{(10)}m_{112}^{(10)} - 2m_{101}^{(22)}m_{120}^{(10)}m_{022}^{(00)} + 2m_{101}^{(22)}m_{120}^{(11)}m_{202}^{(10)}\\
&-2m_{101}^{(22)}m_{120}^{(11)}m_{112}^{(00)} + 4m_{101}^{(22)}m_{120}^{(20)}m_{211}^{(11)} - 4m_{101}^{(22)}m_{120}^{(20)}m_{121}^{(10)} - 4m_{101}^{(22)}m_{120}^{(21)}m_{211}^{(10)}\\
&+4m_{101}^{(22)}m_{120}^{(21)}m_{121}^{(00)} + 4m_{101}^{(22)}m_{111}^{(00)}m_{121}^{(11)} - 4m_{101}^{(22)}m_{111}^{(00)}m_{031}^{(10)} - 4m_{101}^{(22)}m_{111}^{(10)}m_{121}^{(10)}\\
&+4m_{101}^{(22)}m_{111}^{(10)}m_{031}^{(00)} - 4m_{101}^{(22)}m_{111}^{(20)}m_{220}^{(11)} + 4m_{101}^{(22)}m_{111}^{(20)}m_{130}^{(10)} + 4m_{101}^{(22)}m_{111}^{(21)}m_{220}^{(10)}\\
&-4m_{101}^{(22)}m_{111}^{(21)}m_{130}^{(00)} - 2m_{101}^{(22)}m_{102}^{(00)}m_{130}^{(11)} + 2m_{101}^{(22)}m_{102}^{(00)}m_{040}^{(10)} + 2m_{101}^{(22)}m_{102}^{(10)}m_{220}^{(11)}\\
&-2m_{101}^{(22)}m_{102}^{(10)}m_{040}^{(00)} - 2m_{101}^{(22)}m_{102}^{(11)}m_{130}^{(10)} + 2m_{101}^{(22)}m_{102}^{(11)}m_{130}^{(00)} + 2m_{101}^{(22)}m_{030}^{(00)}m_{202}^{(11)}\\
&-2m_{101}^{(22)}m_{030}^{(00)}m_{112}^{(10)} - 2m_{101}^{(22)}m_{030}^{(10)}m_{202}^{(10)} + 2m_{101}^{(22)}m_{030}^{(10)}m_{112}^{(00)} - 2m_{101}^{(22)}m_{030}^{(20)}m_{301}^{(11)}\\
&+2m_{101}^{(22)}m_{030}^{(20)}m_{211}^{(10)} + 2m_{101}^{(22)}m_{030}^{(21)}m_{301}^{(10)} - 2m_{101}^{(22)}m_{030}^{(21)}m_{211}^{(00)} - 4m_{101}^{(22)}m_{021}^{(00)}m_{211}^{(11)}\\
&+4m_{101}^{(22)}m_{021}^{(00)}m_{121}^{(10)} + 2m_{101}^{(22)}m_{021}^{(10)}m_{301}^{(11)} + 2m_{101}^{(22)}m_{021}^{(10)}m_{211}^{(10)} - 4m_{101}^{(22)}m_{021}^{(10)}m_{121}^{(00)}\\
&-2m_{101}^{(22)}m_{021}^{(11)}m_{301}^{(10)} + 2m_{101}^{(22)}m_{021}^{(11)}m_{211}^{(00)} + 2m_{101}^{(22)}m_{021}^{(20)}m_{310}^{(11)} - 2m_{101}^{(22)}m_{021}^{(20)}m_{220}^{(10)}\\
&-2m_{101}^{(22)}m_{021}^{(21)}m_{310}^{(10)} + 2m_{101}^{(22)}m_{021}^{(21)}m_{220}^{(00)} + 2m_{101}^{(22)}m_{012}^{(00)}m_{220}^{(11)} - 2m_{101}^{(22)}m_{012}^{(00)}m_{130}^{(10)}\\
&-2m_{101}^{(22)}m_{012}^{(10)}m_{310}^{(11)} + 2m_{101}^{(22)}m_{012}^{(10)}m_{130}^{(00)} + 2m_{101}^{(22)}m_{012}^{(11)}m_{310}^{(10)} - 2m_{101}^{(22)}m_{012}^{(11)}m_{220}^{(00)}\\
&+m_{020}^{(00)}m_{300}^{(11)}m_{013}^{(22)} - m_{020}^{(00)}m_{300}^{(11)}m_{004}^{(21)} - m_{020}^{(00)}m_{300}^{(21)}m_{022}^{(22)} + m_{020}^{(00)}m_{300}^{(21)}m_{004}^{(11)}\\
&+m_{020}^{(00)}m_{300}^{(22)}m_{022}^{(21)} - m_{020}^{(00)}m_{300}^{(22)}m_{013}^{(11)} - m_{020}^{(00)}m_{210}^{(10)}m_{013}^{(22)} + m_{020}^{(00)}m_{210}^{(10)}m_{004}^{(21)}\\
&+m_{020}^{(00)}m_{210}^{(20)}m_{013}^{(21)} - m_{020}^{(00)}m_{210}^{(20)}m_{004}^{(11)} + m_{020}^{(00)}m_{210}^{(21)}m_{112}^{(22)} - m_{020}^{(00)}m_{210}^{(21)}m_{103}^{(21)}\\
&-m_{020}^{(00)}m_{210}^{(22)}m_{112}^{(21)} + m_{020}^{(00)}m_{210}^{(22)}m_{103}^{(11)} + m_{020}^{(00)}m_{201}^{(10)}m_{022}^{(22)} - m_{020}^{(00)}m_{201}^{(10)}m_{013}^{(21)}\\
&-3m_{020}^{(00)}m_{201}^{(11)}m_{112}^{(22)} + 3m_{020}^{(00)}m_{201}^{(11)}m_{103}^{(21)} - m_{020}^{(00)}m_{201}^{(20)}m_{022}^{(21)} + m_{020}^{(00)}m_{201}^{(20)}m_{013}^{(11)}\\
&+2m_{020}^{(00)}m_{201}^{(21)}m_{121}^{(22)} + m_{020}^{(00)}m_{201}^{(21)}m_{112}^{(21)} - 3m_{020}^{(00)}m_{201}^{(21)}m_{103}^{(11)} - 2m_{020}^{(00)}m_{201}^{(22)}m_{121}^{(21)}\\
&+2m_{020}^{(00)}m_{201}^{(22)}m_{112}^{(11)} + 2m_{020}^{(00)}m_{111}^{(10)}m_{112}^{(22)} - 2m_{020}^{(00)}m_{111}^{(10)}m_{103}^{(21)} - 2m_{020}^{(00)}m_{111}^{(20)}m_{112}^{(21)}\\
&+2m_{020}^{(00)}m_{111}^{(20)}m_{103}^{(11)} - 2m_{020}^{(00)}m_{111}^{(21)}m_{211}^{(22)} + 2m_{020}^{(00)}m_{111}^{(21)}m_{202}^{(21)} + 2m_{020}^{(00)}m_{111}^{(22)}m_{211}^{(21)}\\
&-2m_{020}^{(00)}m_{111}^{(22)}m_{202}^{(11)} - 2m_{020}^{(00)}m_{102}^{(10)}m_{121}^{(22)} + 2m_{020}^{(00)}m_{102}^{(10)}m_{112}^{(21)} + 3m_{020}^{(00)}m_{102}^{(11)}m_{211}^{(22)}\\
&-3m_{020}^{(00)}m_{102}^{(11)}m_{202}^{(21)} + 2m_{020}^{(00)}m_{102}^{(20)}m_{121}^{(21)} - 2m_{020}^{(00)}m_{102}^{(20)}m_{112}^{(11)} - m_{020}^{(00)}m_{102}^{(21)}m_{220}^{(22)}\\
&-2m_{020}^{(00)}m_{102}^{(21)}m_{211}^{(21)} + 3m_{020}^{(00)}m_{102}^{(21)}m_{202}^{(11)} + m_{020}^{(00)}m_{102}^{(22)}m_{220}^{(21)} - m_{020}^{(00)}m_{102}^{(22)}m_{211}^{(11)}\\
&-m_{020}^{(00)}m_{012}^{(10)}m_{211}^{(22)} + m_{020}^{(00)}m_{012}^{(10)}m_{202}^{(21)} + m_{020}^{(00)}m_{012}^{(20)}m_{211}^{(21)} - m_{020}^{(00)}m_{012}^{(20)}m_{202}^{(11)}\\
&+m_{020}^{(00)}m_{012}^{(21)}m_{310}^{(22)} - m_{020}^{(00)}m_{012}^{(21)}m_{301}^{(21)} - m_{020}^{(00)}m_{012}^{(22)}m_{310}^{(21)} + m_{020}^{(00)}m_{012}^{(22)}m_{301}^{(11)}\\
&+m_{020}^{(00)}m_{003}^{(10)}m_{220}^{(22)} - m_{020}^{(00)}m_{003}^{(10)}m_{211}^{(21)} - m_{020}^{(00)}m_{003}^{(11)}m_{310}^{(22)} + m_{020}^{(00)}m_{003}^{(11)}m_{301}^{(21)}\\
&-m_{020}^{(00)}m_{003}^{(20)}m_{220}^{(21)} + m_{020}^{(00)}m_{003}^{(20)}m_{211}^{(11)} + m_{020}^{(00)}m_{003}^{(21)}m_{310}^{(21)} - m_{020}^{(00)}m_{003}^{(21)}m_{301}^{(11)}\\
&-m_{020}^{(10)}m_{300}^{(10)}m_{013}^{(22)} + m_{020}^{(10)}m_{300}^{(10)}m_{004}^{(21)} - m_{020}^{(10)}m_{300}^{(11)}m_{103}^{(22)} + m_{020}^{(10)}m_{300}^{(11)}m_{004}^{(20)}\\
&+m_{020}^{(10)}m_{300}^{(20)}m_{022}^{(22)} - m_{020}^{(10)}m_{300}^{(20)}m_{013}^{(21)} + m_{020}^{(10)}m_{300}^{(21)}m_{112}^{(22)} + m_{020}^{(10)}m_{300}^{(21)}m_{103}^{(21)}\\
&-2m_{020}^{(10)}m_{300}^{(21)}m_{004}^{(10)} - m_{020}^{(10)}m_{300}^{(22)}m_{112}^{(21)} - m_{020}^{(10)}m_{300}^{(22)}m_{022}^{(20)} + 2m_{020}^{(10)}m_{300}^{(22)}m_{013}^{(10)}\\
&+m_{020}^{(10)}m_{210}^{(00)}m_{013}^{(22)} - m_{020}^{(10)}m_{210}^{(00)}m_{004}^{(21)} + m_{020}^{(10)}m_{210}^{(10)}m_{103}^{(22)} - m_{020}^{(10)}m_{210}^{(10)}m_{004}^{(20)}\\
&-m_{020}^{(10)}m_{210}^{(20)}m_{112}^{(22)} - m_{020}^{(10)}m_{210}^{(20)}m_{013}^{(20)} + 2m_{020}^{(10)}m_{210}^{(20)}m_{004}^{(10)} - m_{020}^{(10)}m_{210}^{(21)}m_{202}^{(22)}
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\begin{aligned}
&+m_{020}^{(10)}m_{210}^{(21)}m_{103}^{(20)}+m_{020}^{(10)}m_{210}^{(22)}m_{202}^{(21)}+m_{020}^{(10)}m_{210}^{(22)}m_{112}^{(20)}-2m_{020}^{(10)}m_{210}^{(22)}m_{103}^{(10)}\\
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&+m_{020}^{(10)}m_{201}^{(10)}m_{013}^{(20)}+3m_{020}^{(10)}m_{201}^{(11)}m_{202}^{(22)}-3m_{020}^{(10)}m_{201}^{(11)}m_{103}^{(20)}-2m_{020}^{(10)}m_{201}^{(20)}m_{121}^{(22)}\\
&+3m_{020}^{(10)}m_{201}^{(20)}m_{112}^{(21)}+m_{020}^{(10)}m_{201}^{(20)}m_{022}^{(20)}-2m_{020}^{(10)}m_{201}^{(20)}m_{013}^{(10)}-2m_{020}^{(10)}m_{201}^{(21)}m_{211}^{(22)}\\
&-3m_{020}^{(10)}m_{201}^{(21)}m_{202}^{(21)}-m_{020}^{(10)}m_{201}^{(21)}m_{112}^{(20)}+6m_{020}^{(10)}m_{201}^{(21)}m_{103}^{(10)}+2m_{020}^{(10)}m_{201}^{(22)}m_{211}^{(21)}\\
&+2m_{020}^{(10)}m_{201}^{(22)}m_{121}^{(20)}-4m_{020}^{(10)}m_{201}^{(22)}m_{112}^{(10)}-2m_{020}^{(10)}m_{111}^{(00)}m_{112}^{(22)}+2m_{020}^{(10)}m_{111}^{(00)}m_{103}^{(21)}\\
&-2m_{020}^{(10)}m_{111}^{(10)}m_{202}^{(22)}+2m_{020}^{(10)}m_{111}^{(10)}m_{103}^{(20)}+2m_{020}^{(10)}m_{111}^{(20)}m_{211}^{(22)}+2m_{020}^{(10)}m_{111}^{(20)}m_{112}^{(20)}\\
&-4m_{020}^{(10)}m_{111}^{(20)}m_{103}^{(10)}+2m_{020}^{(10)}m_{111}^{(21)}m_{301}^{(22)}-2m_{020}^{(10)}m_{111}^{(21)}m_{202}^{(20)}-2m_{020}^{(10)}m_{111}^{(22)}m_{301}^{(21)}\\
&-2m_{020}^{(10)}m_{111}^{(22)}m_{211}^{(20)}+4m_{020}^{(10)}m_{111}^{(22)}m_{202}^{(10)}+2m_{020}^{(10)}m_{102}^{(00)}m_{121}^{(22)}-2m_{020}^{(10)}m_{102}^{(00)}m_{112}^{(21)}\\
&-m_{020}^{(10)}m_{102}^{(10)}m_{211}^{(22)}+3m_{020}^{(10)}m_{102}^{(10)}m_{202}^{(21)}-2m_{020}^{(10)}m_{102}^{(10)}m_{112}^{(20)}-3m_{020}^{(10)}m_{102}^{(11)}m_{301}^{(22)}\\
&+3m_{020}^{(10)}m_{102}^{(11)}m_{202}^{(20)}+m_{020}^{(10)}m_{102}^{(20)}m_{220}^{(22)}-3m_{020}^{(10)}m_{102}^{(20)}m_{211}^{(21)}-2m_{020}^{(10)}m_{102}^{(20)}m_{121}^{(20)}\\
&+4m_{020}^{(10)}m_{102}^{(20)}m_{112}^{(10)}+m_{020}^{(10)}m_{102}^{(21)}m_{310}^{(22)}+3m_{020}^{(10)}m_{102}^{(21)}m_{301}^{(21)}+2m_{020}^{(10)}m_{102}^{(21)}m_{211}^{(20)}\\
&-6m_{020}^{(10)}m_{102}^{(21)}m_{202}^{(10)}-m_{020}^{(10)}m_{102}^{(22)}m_{310}^{(21)}-m_{020}^{(10)}m_{102}^{(22)}m_{220}^{(20)}+2m_{020}^{(10)}m_{102}^{(22)}m_{211}^{(10)}\\
&+m_{020}^{(10)}m_{012}^{(00)}m_{211}^{(22)}-m_{020}^{(10)}m_{012}^{(00)}m_{202}^{(21)}+m_{020}^{(10)}m_{012}^{(10)}m_{301}^{(22)}-m_{020}^{(10)}m_{012}^{(10)}m_{202}^{(20)}\\
&-m_{020}^{(10)}m_{012}^{(20)}m_{310}^{(22)}-m_{020}^{(10)}m_{012}^{(20)}m_{211}^{(20)}+2m_{020}^{(10)}m_{012}^{(20)}m_{202}^{(10)}-m_{020}^{(10)}m_{012}^{(21)}m_{400}^{(22)}\\
&+m_{020}^{(10)}m_{012}^{(21)}m_{301}^{(20)}+m_{020}^{(10)}m_{012}^{(22)}m_{400}^{(21)}+m_{020}^{(10)}m_{012}^{(22)}m_{310}^{(20)}-2m_{020}^{(10)}m_{012}^{(22)}m_{301}^{(10)}\\
&-m_{020}^{(10)}m_{003}^{(00)}m_{220}^{(22)}+m_{020}^{(10)}m_{003}^{(00)}m_{211}^{(21)}-m_{020}^{(10)}m_{003}^{(10)}m_{301}^{(21)}+m_{020}^{(10)}m_{003}^{(10)}m_{211}^{(20)}\\
&+m_{020}^{(10)}m_{003}^{(11)}m_{400}^{(22)}-m_{020}^{(10)}m_{003}^{(11)}m_{301}^{(20)}+m_{020}^{(10)}m_{003}^{(20)}m_{310}^{(21)}+m_{020}^{(10)}m_{003}^{(20)}m_{220}^{(20)}\\
&-2m_{020}^{(10)}m_{003}^{(20)}m_{211}^{(10)}-m_{020}^{(10)}m_{003}^{(21)}m_{400}^{(21)}-m_{020}^{(10)}m_{003}^{(21)}m_{310}^{(20)}+2m_{020}^{(10)}m_{003}^{(21)}m_{301}^{(10)}\\
&+m_{020}^{(11)}m_{300}^{(10)}m_{103}^{(22)}-m_{020}^{(11)}m_{300}^{(10)}m_{004}^{(20)}-m_{020}^{(11)}m_{300}^{(20)}m_{112}^{(22)}+m_{020}^{(11)}m_{300}^{(20)}m_{013}^{(20)}\\
&-m_{020}^{(11)}m_{300}^{(21)}m_{103}^{(20)}+m_{020}^{(11)}m_{300}^{(21)}m_{004}^{(00)}+m_{020}^{(11)}m_{300}^{(22)}m_{112}^{(20)}-m_{020}^{(11)}m_{300}^{(22)}m_{013}^{(00)}\\
&-m_{020}^{(11)}m_{210}^{(00)}m_{103}^{(22)}+m_{020}^{(11)}m_{210}^{(00)}m_{004}^{(20)}+m_{020}^{(11)}m_{210}^{(20)}m_{202}^{(22)}-m_{020}^{(11)}m_{210}^{(20)}m_{004}^{(00)}\\
&-m_{020}^{(11)}m_{210}^{(22)}m_{202}^{(20)}+m_{020}^{(11)}m_{210}^{(22)}m_{103}^{(00)}+m_{020}^{(11)}m_{201}^{(00)}m_{112}^{(22)}-m_{020}^{(11)}m_{201}^{(00)}m_{013}^{(20)}\\
&-3m_{020}^{(11)}m_{201}^{(10)}m_{202}^{(22)}+3m_{020}^{(11)}m_{201}^{(10)}m_{103}^{(20)}+2m_{020}^{(11)}m_{201}^{(20)}m_{211}^{(22)}-3m_{020}^{(11)}m_{201}^{(20)}m_{112}^{(20)}\\
&+m_{020}^{(11)}m_{201}^{(20)}m_{013}^{(00)}+3m_{020}^{(11)}m_{201}^{(21)}m_{202}^{(20)}-3m_{020}^{(11)}m_{201}^{(21)}m_{103}^{(00)}-2m_{020}^{(11)}m_{201}^{(22)}m_{211}^{(20)}\\
&+2m_{020}^{(11)}m_{201}^{(22)}m_{112}^{(00)}+2m_{020}^{(11)}m_{111}^{(00)}m_{202}^{(22)}-2m_{020}^{(11)}m_{111}^{(00)}m_{103}^{(20)}-2m_{020}^{(11)}m_{111}^{(20)}m_{301}^{(22)}\\
&+2m_{020}^{(11)}m_{111}^{(20)}m_{103}^{(00)}+2m_{020}^{(11)}m_{111}^{(22)}m_{301}^{(20)}-2m_{020}^{(11)}m_{111}^{(22)}m_{202}^{(00)}-2m_{020}^{(11)}m_{102}^{(00)}m_{211}^{(22)}\\
&+2m_{020}^{(11)}m_{102}^{(00)}m_{112}^{(20)}+3m_{020}^{(11)}m_{102}^{(10)}m_{301}^{(22)}-3m_{020}^{(11)}m_{102}^{(10)}m_{202}^{(20)}-m_{020}^{(11)}m_{102}^{(20)}m_{310}^{(22)}\\
&+3m_{020}^{(11)}m_{102}^{(20)}m_{211}^{(20)}-2m_{020}^{(11)}m_{102}^{(20)}m_{112}^{(00)}-3m_{020}^{(11)}m_{102}^{(21)}m_{301}^{(20)}+3m_{020}^{(11)}m_{102}^{(21)}m_{202}^{(00)}\\
&+m_{020}^{(11)}m_{102}^{(22)}m_{310}^{(20)}-m_{020}^{(11)}m_{102}^{(22)}m_{211}^{(00)}-m_{020}^{(11)}m_{012}^{(00)}m_{301}^{(22)}+m_{020}^{(11)}m_{012}^{(00)}m_{202}^{(20)}\\
&+m_{020}^{(11)}m_{012}^{(20)}m_{400}^{(22)}-m_{020}^{(11)}m_{012}^{(20)}m_{202}^{(00)}-m_{020}^{(11)}m_{012}^{(22)}m_{400}^{(20)}+m_{020}^{(11)}m_{012}^{(22)}m_{301}^{(00)}\\
&+m_{020}^{(11)}m_{003}^{(00)}m_{310}^{(22)}-m_{020}^{(11)}m_{003}^{(00)}m_{211}^{(20)}-m_{020}^{(11)}m_{003}^{(10)}m_{400}^{(22)}+m_{020}^{(11)}m_{003}^{(10)}m_{301}^{(20)}\\
&-m_{020}^{(11)}m_{003}^{(20)}m_{310}^{(20)}+m_{020}^{(11)}m_{003}^{(20)}m_{211}^{(00)}+m_{020}^{(11)}m_{003}^{(21)}m_{400}^{(20)}-m_{020}^{(11)}m_{003}^{(21)}m_{301}^{(00)}\\
&+m_{020}^{(20)}m_{300}^{(10)}m_{013}^{(21)}-m_{020}^{(20)}m_{300}^{(10)}m_{004}^{(11)}+m_{020}^{(20)}m_{300}^{(11)}m_{103}^{(21)}-2m_{020}^{(20)}m_{300}^{(11)}m_{013}^{(20)}\\
&+m_{020}^{(20)}m_{300}^{(11)}m_{004}^{(10)}-m_{020}^{(20)}m_{300}^{(20)}m_{022}^{(21)}+m_{020}^{(20)}m_{300}^{(20)}m_{013}^{(11)}-m_{020}^{(20)}m_{300}^{(21)}m_{112}^{(21)}\\
&-m_{020}^{(20)}m_{300}^{(21)}m_{103}^{(11)}+2m_{020}^{(20)}m_{300}^{(21)}m_{022}^{(20)}+m_{020}^{(20)}m_{300}^{(22)}m_{112}^{(11)}-m_{020}^{(20)}m_{300}^{(22)}m_{022}^{(10)}\\
&-m_{020}^{(20)}m_{210}^{(00)}m_{013}^{(21)}+m_{020}^{(20)}m_{210}^{(00)}m_{004}^{(11)}-m_{020}^{(20)}m_{210}^{(10)}m_{103}^{(21)}+2m_{020}^{(20)}m_{210}^{(10)}m_{013}^{(20)}\\
&-m_{020}^{(20)}m_{210}^{(10)}m_{004}^{(10)}+m_{020}^{(20)}m_{210}^{(20)}m_{112}^{(21)}-m_{020}^{(20)}m_{210}^{(20)}m_{013}^{(10)}+m_{020}^{(20)}m_{210}^{(21)}m_{202}^{(21)}
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\begin{aligned}
&-2m_{020}^{(20)}m_{210}^{(21)}m_{112}^{(20)}+m_{020}^{(20)}m_{210}^{(21)}m_{103}^{(10)}-m_{020}^{(20)}m_{210}^{(22)}m_{202}^{(11)}+m_{020}^{(20)}m_{210}^{(22)}m_{112}^{(10)}\\
&+m_{020}^{(20)}m_{201}^{(00)}m_{022}^{(21)}-m_{020}^{(20)}m_{201}^{(00)}m_{013}^{(11)}-2m_{020}^{(20)}m_{201}^{(10)}m_{112}^{(21)}+3m_{020}^{(20)}m_{201}^{(10)}m_{103}^{(11)}\\
&-2m_{020}^{(20)}m_{201}^{(10)}m_{022}^{(20)}+m_{020}^{(20)}m_{201}^{(10)}m_{013}^{(10)}-3m_{020}^{(20)}m_{201}^{(11)}m_{202}^{(21)}+6m_{020}^{(20)}m_{201}^{(11)}m_{112}^{(20)}\\
&-3m_{020}^{(20)}m_{201}^{(11)}m_{103}^{(10)}+2m_{020}^{(20)}m_{201}^{(20)}m_{121}^{(21)}-3m_{020}^{(20)}m_{201}^{(20)}m_{112}^{(11)}+m_{020}^{(20)}m_{201}^{(20)}m_{022}^{(10)}\\
&+2m_{020}^{(20)}m_{201}^{(21)}m_{211}^{(21)}+3m_{020}^{(20)}m_{201}^{(21)}m_{202}^{(11)}-4m_{020}^{(20)}m_{201}^{(21)}m_{121}^{(20)}-m_{020}^{(20)}m_{201}^{(21)}m_{112}^{(10)}\\
&-2m_{020}^{(20)}m_{201}^{(22)}m_{211}^{(11)}+2m_{020}^{(20)}m_{201}^{(22)}m_{121}^{(10)}+2m_{020}^{(20)}m_{111}^{(00)}m_{112}^{(21)}-2m_{020}^{(20)}m_{111}^{(00)}m_{103}^{(11)}\\
&+2m_{020}^{(20)}m_{111}^{(10)}m_{202}^{(21)}-4m_{020}^{(20)}m_{111}^{(10)}m_{112}^{(20)}+2m_{020}^{(20)}m_{111}^{(10)}m_{103}^{(10)}-2m_{020}^{(20)}m_{111}^{(20)}m_{211}^{(21)}\\
&+2m_{020}^{(20)}m_{111}^{(20)}m_{112}^{(10)}-2m_{020}^{(20)}m_{111}^{(21)}m_{301}^{(21)}+4m_{020}^{(20)}m_{111}^{(21)}m_{211}^{(20)}-2m_{020}^{(20)}m_{111}^{(21)}m_{202}^{(10)}\\
&+2m_{020}^{(20)}m_{111}^{(22)}m_{301}^{(11)}-2m_{020}^{(20)}m_{111}^{(22)}m_{211}^{(10)}-2m_{020}^{(20)}m_{102}^{(00)}m_{121}^{(21)}+2m_{020}^{(20)}m_{102}^{(00)}m_{112}^{(11)}\\
&+m_{020}^{(20)}m_{102}^{(10)}m_{211}^{(21)}-3m_{020}^{(20)}m_{102}^{(10)}m_{202}^{(11)}+4m_{020}^{(20)}m_{102}^{(10)}m_{121}^{(20)}-2m_{020}^{(20)}m_{102}^{(10)}m_{112}^{(10)}\\
&+3m_{020}^{(20)}m_{102}^{(11)}m_{301}^{(21)}-6m_{020}^{(20)}m_{102}^{(11)}m_{211}^{(20)}+3m_{020}^{(20)}m_{102}^{(11)}m_{202}^{(10)}-m_{020}^{(20)}m_{102}^{(20)}m_{220}^{(21)}\\
&+3m_{020}^{(20)}m_{102}^{(20)}m_{211}^{(11)}-2m_{020}^{(20)}m_{102}^{(20)}m_{121}^{(10)}-m_{020}^{(20)}m_{102}^{(21)}m_{310}^{(21)}-3m_{020}^{(20)}m_{102}^{(21)}m_{301}^{(11)}\\
&+2m_{020}^{(20)}m_{102}^{(21)}m_{220}^{(20)}+2m_{020}^{(20)}m_{102}^{(21)}m_{211}^{(10)}+m_{020}^{(20)}m_{102}^{(22)}m_{310}^{(11)}-m_{020}^{(20)}m_{102}^{(22)}m_{220}^{(10)}\\
&-m_{020}^{(20)}m_{012}^{(00)}m_{211}^{(21)}+m_{020}^{(20)}m_{012}^{(00)}m_{202}^{(11)}-m_{020}^{(20)}m_{012}^{(10)}m_{301}^{(21)}+2m_{020}^{(20)}m_{012}^{(10)}m_{211}^{(20)}\\
&-m_{020}^{(20)}m_{012}^{(10)}m_{202}^{(10)}+m_{020}^{(20)}m_{012}^{(20)}m_{310}^{(21)}-m_{020}^{(20)}m_{012}^{(20)}m_{211}^{(10)}+m_{020}^{(20)}m_{012}^{(21)}m_{400}^{(21)}\\
&-2m_{020}^{(20)}m_{012}^{(21)}m_{310}^{(20)}+m_{020}^{(20)}m_{012}^{(21)}m_{301}^{(10)}-m_{020}^{(20)}m_{012}^{(22)}m_{400}^{(11)}+m_{020}^{(20)}m_{012}^{(22)}m_{310}^{(10)}\\
&+m_{020}^{(20)}m_{003}^{(00)}m_{220}^{(21)}-m_{020}^{(20)}m_{003}^{(00)}m_{211}^{(11)}+m_{020}^{(20)}m_{003}^{(10)}m_{301}^{(11)}-2m_{020}^{(20)}m_{003}^{(10)}m_{220}^{(20)}\\
&+m_{020}^{(20)}m_{003}^{(10)}m_{211}^{(10)}-m_{020}^{(20)}m_{003}^{(11)}m_{400}^{(21)}+2m_{020}^{(20)}m_{003}^{(11)}m_{310}^{(20)}-m_{020}^{(20)}m_{003}^{(11)}m_{301}^{(10)}\\
&-m_{020}^{(20)}m_{003}^{(20)}m_{310}^{(11)}+m_{020}^{(20)}m_{003}^{(20)}m_{220}^{(10)}+m_{020}^{(20)}m_{003}^{(21)}m_{400}^{(11)}-m_{020}^{(20)}m_{003}^{(21)}m_{310}^{(10)}\\
&-2m_{020}^{(21)}m_{300}^{(10)}m_{103}^{(21)}+m_{020}^{(21)}m_{300}^{(10)}m_{013}^{(20)}+m_{020}^{(21)}m_{300}^{(10)}m_{004}^{(10)}+m_{020}^{(21)}m_{300}^{(11)}m_{103}^{(20)}\\
&-m_{020}^{(21)}m_{300}^{(11)}m_{004}^{(00)}+2m_{020}^{(21)}m_{300}^{(20)}m_{112}^{(21)}-m_{020}^{(21)}m_{300}^{(20)}m_{022}^{(20)}-m_{020}^{(21)}m_{300}^{(20)}m_{013}^{(10)}\\
&-m_{020}^{(21)}m_{300}^{(21)}m_{112}^{(20)}+m_{020}^{(21)}m_{300}^{(21)}m_{103}^{(10)}-m_{020}^{(21)}m_{300}^{(22)}m_{112}^{(10)}+m_{020}^{(21)}m_{300}^{(22)}m_{022}^{(00)}\\
&+2m_{020}^{(21)}m_{210}^{(00)}m_{103}^{(21)}-m_{020}^{(21)}m_{210}^{(00)}m_{013}^{(20)}-m_{020}^{(21)}m_{210}^{(00)}m_{004}^{(10)}-m_{020}^{(21)}m_{210}^{(10)}m_{103}^{(20)}\\
&+m_{020}^{(21)}m_{210}^{(10)}m_{004}^{(00)}-2m_{020}^{(21)}m_{210}^{(20)}m_{202}^{(21)}+m_{020}^{(21)}m_{210}^{(20)}m_{112}^{(20)}+m_{020}^{(21)}m_{210}^{(20)}m_{013}^{(00)}\\
&+m_{020}^{(21)}m_{210}^{(21)}m_{202}^{(20)}-m_{020}^{(21)}m_{210}^{(21)}m_{103}^{(00)}+m_{020}^{(21)}m_{210}^{(22)}m_{202}^{(10)}-m_{020}^{(21)}m_{210}^{(22)}m_{112}^{(00)}\\
&-2m_{020}^{(21)}m_{201}^{(00)}m_{112}^{(21)}+m_{020}^{(21)}m_{201}^{(00)}m_{022}^{(20)}+m_{020}^{(21)}m_{201}^{(00)}m_{013}^{(10)}+6m_{020}^{(21)}m_{201}^{(10)}m_{202}^{(21)}\\
&-2m_{020}^{(21)}m_{201}^{(10)}m_{112}^{(20)}-3m_{020}^{(21)}m_{201}^{(10)}m_{103}^{(10)}-m_{020}^{(21)}m_{201}^{(10)}m_{013}^{(00)}-3m_{020}^{(21)}m_{201}^{(11)}m_{202}^{(20)}\\
&+3m_{020}^{(21)}m_{201}^{(11)}m_{103}^{(00)}-4m_{020}^{(21)}m_{201}^{(20)}m_{211}^{(21)}+2m_{020}^{(21)}m_{201}^{(20)}m_{121}^{(20)}+3m_{020}^{(21)}m_{201}^{(20)}m_{112}^{(10)}\\
&-m_{020}^{(21)}m_{201}^{(20)}m_{022}^{(00)}+2m_{020}^{(21)}m_{201}^{(21)}m_{211}^{(20)}-3m_{020}^{(21)}m_{201}^{(21)}m_{202}^{(10)}+m_{020}^{(21)}m_{201}^{(21)}m_{112}^{(00)}\\
&+2m_{020}^{(21)}m_{201}^{(22)}m_{211}^{(10)}-2m_{020}^{(21)}m_{201}^{(22)}m_{121}^{(00)}-4m_{020}^{(21)}m_{111}^{(00)}m_{202}^{(21)}+2m_{020}^{(21)}m_{111}^{(00)}m_{112}^{(20)}\\
&+2m_{020}^{(21)}m_{111}^{(00)}m_{103}^{(10)}+2m_{020}^{(21)}m_{111}^{(10)}m_{202}^{(20)}-2m_{020}^{(21)}m_{111}^{(10)}m_{103}^{(00)}+4m_{020}^{(21)}m_{111}^{(20)}m_{301}^{(21)}\\
&-2m_{020}^{(21)}m_{111}^{(20)}m_{211}^{(20)}-2m_{020}^{(21)}m_{111}^{(20)}m_{112}^{(00)}-2m_{020}^{(21)}m_{111}^{(21)}m_{301}^{(20)}+2m_{020}^{(21)}m_{111}^{(21)}m_{202}^{(00)}\\
&-2m_{020}^{(21)}m_{111}^{(22)}m_{301}^{(10)}+2m_{020}^{(21)}m_{111}^{(22)}m_{211}^{(00)}+4m_{020}^{(21)}m_{102}^{(00)}m_{211}^{(21)}-2m_{020}^{(21)}m_{102}^{(00)}m_{121}^{(20)}\\
&-2m_{020}^{(21)}m_{102}^{(00)}m_{112}^{(10)}-6m_{020}^{(21)}m_{102}^{(10)}m_{301}^{(21)}+m_{020}^{(21)}m_{102}^{(10)}m_{211}^{(20)}+3m_{020}^{(21)}m_{102}^{(10)}m_{202}^{(10)}\\
&+2m_{020}^{(21)}m_{102}^{(10)}m_{112}^{(00)}+3m_{020}^{(21)}m_{102}^{(11)}m_{301}^{(20)}-3m_{020}^{(21)}m_{102}^{(11)}m_{202}^{(00)}+2m_{020}^{(21)}m_{102}^{(20)}m_{310}^{(21)}\\
&-m_{020}^{(21)}m_{102}^{(20)}m_{220}^{(20)}-3m_{020}^{(21)}m_{102}^{(20)}m_{211}^{(10)}+2m_{020}^{(21)}m_{102}^{(20)}m_{121}^{(00)}-m_{020}^{(21)}m_{102}^{(21)}m_{310}^{(20)}\\
&+3m_{020}^{(21)}m_{102}^{(21)}m_{301}^{(10)}-2m_{020}^{(21)}m_{102}^{(21)}m_{211}^{(00)}-m_{020}^{(21)}m_{102}^{(22)}m_{310}^{(10)}+m_{020}^{(21)}m_{102}^{(22)}m_{220}^{(00)}\\
&+2m_{020}^{(21)}m_{012}^{(00)}m_{301}^{(21)}-m_{020}^{(21)}m_{012}^{(00)}m_{211}^{(20)}-m_{020}^{(21)}m_{012}^{(00)}m_{202}^{(10)}-m_{020}^{(21)}m_{012}^{(10)}m_{301}^{(20)}
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&+m_{020}^{(21)}m_{012}^{(10)}m_{202}^{(00)} - 2m_{020}^{(21)}m_{012}^{(20)}m_{400}^{(21)} + m_{020}^{(21)}m_{012}^{(20)}m_{310}^{(20)} + m_{020}^{(21)}m_{012}^{(20)}m_{211}^{(00)}\\
&+m_{020}^{(21)}m_{012}^{(21)}m_{400}^{(20)} - m_{020}^{(21)}m_{012}^{(21)}m_{301}^{(00)} + m_{020}^{(21)}m_{012}^{(22)}m_{400}^{(10)} - m_{020}^{(21)}m_{012}^{(22)}m_{310}^{(00)}\\
&-2m_{020}^{(21)}m_{003}^{(00)}m_{310}^{(21)} + m_{020}^{(21)}m_{003}^{(00)}m_{220}^{(20)} + m_{020}^{(21)}m_{003}^{(00)}m_{211}^{(10)} + 2m_{020}^{(21)}m_{003}^{(10)}m_{400}^{(21)}\\
&-m_{020}^{(21)}m_{003}^{(10)}m_{301}^{(10)} - m_{020}^{(21)}m_{003}^{(10)}m_{211}^{(00)} - m_{020}^{(21)}m_{003}^{(11)}m_{400}^{(20)} + m_{020}^{(21)}m_{003}^{(11)}m_{301}^{(00)}\\
&+m_{020}^{(21)}m_{003}^{(20)}m_{310}^{(10)} - m_{020}^{(21)}m_{003}^{(20)}m_{220}^{(00)} - m_{020}^{(21)}m_{003}^{(21)}m_{400}^{(10)} + m_{020}^{(21)}m_{003}^{(21)}m_{310}^{(00)}\\
&+m_{020}^{(22)}m_{300}^{(10)}m_{103}^{(11)} - m_{020}^{(22)}m_{300}^{(10)}m_{013}^{(10)} - m_{020}^{(22)}m_{300}^{(11)}m_{103}^{(10)} + m_{020}^{(22)}m_{300}^{(11)}m_{013}^{(00)}\\
&-m_{020}^{(22)}m_{300}^{(20)}m_{112}^{(11)} + m_{020}^{(22)}m_{300}^{(20)}m_{022}^{(10)} + m_{020}^{(22)}m_{300}^{(21)}m_{112}^{(10)} - m_{020}^{(22)}m_{300}^{(21)}m_{022}^{(00)}\\
&-m_{020}^{(22)}m_{210}^{(00)}m_{103}^{(11)} + m_{020}^{(22)}m_{210}^{(00)}m_{013}^{(10)} + m_{020}^{(22)}m_{210}^{(10)}m_{103}^{(10)} - m_{020}^{(22)}m_{210}^{(10)}m_{013}^{(00)}\\
&+m_{020}^{(22)}m_{210}^{(20)}m_{202}^{(11)} - m_{020}^{(22)}m_{210}^{(20)}m_{112}^{(10)} - m_{020}^{(22)}m_{210}^{(21)}m_{202}^{(10)} + m_{020}^{(22)}m_{210}^{(21)}m_{112}^{(00)}\\
&+m_{020}^{(22)}m_{201}^{(00)}m_{112}^{(11)} - m_{020}^{(22)}m_{201}^{(00)}m_{022}^{(10)} - 3m_{020}^{(22)}m_{201}^{(10)}m_{202}^{(11)} + 2m_{020}^{(22)}m_{201}^{(10)}m_{112}^{(10)}\\
&+m_{020}^{(22)}m_{201}^{(10)}m_{022}^{(00)} + 3m_{020}^{(22)}m_{201}^{(11)}m_{202}^{(10)} - 3m_{020}^{(22)}m_{201}^{(11)}m_{112}^{(00)} + 2m_{020}^{(22)}m_{201}^{(20)}m_{211}^{(11)}\\
&-2m_{020}^{(22)}m_{201}^{(20)}m_{121}^{(10)} - 2m_{020}^{(22)}m_{201}^{(21)}m_{211}^{(10)} + 2m_{020}^{(22)}m_{201}^{(21)}m_{121}^{(00)} + 2m_{020}^{(22)}m_{111}^{(00)}m_{202}^{(11)}\\
&-2m_{020}^{(22)}m_{111}^{(00)}m_{112}^{(10)} - 2m_{020}^{(22)}m_{111}^{(10)}m_{202}^{(10)} + 2m_{020}^{(22)}m_{111}^{(10)}m_{112}^{(00)} - 2m_{020}^{(22)}m_{111}^{(20)}m_{301}^{(11)}\\
&+2m_{020}^{(22)}m_{111}^{(20)}m_{211}^{(10)} + 2m_{020}^{(22)}m_{111}^{(21)}m_{301}^{(10)} - 2m_{020}^{(22)}m_{111}^{(21)}m_{211}^{(00)} - 2m_{020}^{(22)}m_{102}^{(00)}m_{211}^{(11)}\\
&+2m_{020}^{(22)}m_{102}^{(00)}m_{121}^{(10)} + 3m_{020}^{(22)}m_{102}^{(10)}m_{301}^{(11)} - m_{020}^{(22)}m_{102}^{(10)}m_{211}^{(10)} - 2m_{020}^{(22)}m_{102}^{(10)}m_{121}^{(00)}\\
&-3m_{020}^{(22)}m_{102}^{(11)}m_{301}^{(10)} + 3m_{020}^{(22)}m_{102}^{(11)}m_{211}^{(00)} - m_{020}^{(22)}m_{102}^{(20)}m_{310}^{(11)} + m_{020}^{(22)}m_{102}^{(20)}m_{220}^{(10)}\\
&+m_{020}^{(22)}m_{102}^{(21)}m_{310}^{(10)} - m_{020}^{(22)}m_{102}^{(21)}m_{220}^{(00)} - m_{020}^{(22)}m_{012}^{(00)}m_{301}^{(11)} + m_{020}^{(22)}m_{012}^{(00)}m_{211}^{(10)}\\
&+m_{020}^{(22)}m_{012}^{(10)}m_{301}^{(10)} - m_{020}^{(22)}m_{012}^{(10)}m_{211}^{(00)} + m_{020}^{(22)}m_{012}^{(20)}m_{400}^{(11)} - m_{020}^{(22)}m_{012}^{(20)}m_{310}^{(10)}\\
&-m_{020}^{(22)}m_{012}^{(21)}m_{400}^{(10)} + m_{020}^{(22)}m_{012}^{(21)}m_{310}^{(00)} + m_{020}^{(22)}m_{003}^{(00)}m_{310}^{(11)} - m_{020}^{(22)}m_{003}^{(00)}m_{220}^{(10)}\\
&-m_{020}^{(22)}m_{003}^{(10)}m_{400}^{(11)} + m_{020}^{(22)}m_{003}^{(10)}m_{220}^{(00)} + m_{020}^{(22)}m_{003}^{(11)}m_{400}^{(10)} - m_{020}^{(22)}m_{003}^{(11)}m_{310}^{(00)}\\
&-2m_{011}^{(00)}m_{300}^{(11)}m_{022}^{(22)} + 2m_{011}^{(00)}m_{300}^{(11)}m_{013}^{(21)} + 2m_{011}^{(00)}m_{300}^{(21)}m_{031}^{(22)} - 2m_{011}^{(00)}m_{300}^{(21)}m_{013}^{(11)}\\
&-2m_{011}^{(00)}m_{300}^{(22)}m_{031}^{(21)} + 2m_{011}^{(00)}m_{300}^{(22)}m_{022}^{(11)} + 2m_{011}^{(00)}m_{210}^{(10)}m_{022}^{(22)} - 2m_{011}^{(00)}m_{210}^{(10)}m_{013}^{(21)}\\
&+2m_{011}^{(00)}m_{210}^{(11)}m_{112}^{(22)} - 2m_{011}^{(00)}m_{210}^{(11)}m_{103}^{(21)} - 2m_{011}^{(00)}m_{210}^{(20)}m_{022}^{(21)} + 2m_{011}^{(00)}m_{210}^{(20)}m_{013}^{(11)}\\
&-4m_{011}^{(00)}m_{210}^{(21)}m_{121}^{(22)} + 2m_{011}^{(00)}m_{210}^{(21)}m_{112}^{(21)} + 2m_{011}^{(00)}m_{210}^{(21)}m_{103}^{(11)} + 4m_{011}^{(00)}m_{210}^{(22)}m_{121}^{(21)}\\
&-4m_{011}^{(00)}m_{210}^{(22)}m_{112}^{(11)} - 2m_{011}^{(00)}m_{201}^{(10)}m_{031}^{(22)} + 2m_{011}^{(00)}m_{201}^{(10)}m_{022}^{(21)} + 4m_{011}^{(00)}m_{201}^{(11)}m_{121}^{(22)}\\
&-4m_{011}^{(00)}m_{201}^{(11)}m_{112}^{(21)} + 2m_{011}^{(00)}m_{201}^{(20)}m_{031}^{(21)} - 2m_{011}^{(00)}m_{201}^{(20)}m_{022}^{(11)} - 2m_{011}^{(00)}m_{201}^{(21)}m_{130}^{(22)}\\
&-2m_{011}^{(00)}m_{201}^{(21)}m_{121}^{(21)} + 4m_{011}^{(00)}m_{201}^{(21)}m_{112}^{(11)} + 2m_{011}^{(00)}m_{201}^{(22)}m_{130}^{(21)} - 2m_{011}^{(00)}m_{201}^{(22)}m_{121}^{(11)}\\
&-2m_{011}^{(00)}m_{120}^{(10)}m_{112}^{(22)} + 2m_{011}^{(00)}m_{120}^{(10)}m_{103}^{(21)} + 2m_{011}^{(00)}m_{120}^{(20)}m_{112}^{(21)} - 2m_{011}^{(00)}m_{120}^{(20)}m_{103}^{(11)}\\
&+2m_{011}^{(00)}m_{120}^{(21)}m_{211}^{(22)} - 2m_{011}^{(00)}m_{120}^{(21)}m_{202}^{(21)} - 2m_{011}^{(00)}m_{120}^{(22)}m_{211}^{(21)} + 2m_{011}^{(00)}m_{120}^{(22)}m_{202}^{(11)}\\
&-4m_{011}^{(00)}m_{111}^{(11)}m_{211}^{(22)} + 4m_{011}^{(00)}m_{111}^{(11)}m_{202}^{(21)} + 4m_{011}^{(00)}m_{111}^{(21)}m_{220}^{(22)} - 4m_{011}^{(00)}m_{111}^{(21)}m_{202}^{(11)}\\
&-4m_{011}^{(00)}m_{111}^{(22)}m_{220}^{(21)} + 4m_{011}^{(00)}m_{111}^{(22)}m_{211}^{(11)} + 2m_{011}^{(00)}m_{102}^{(10)}m_{130}^{(22)} - 2m_{011}^{(00)}m_{102}^{(10)}m_{121}^{(21)}\\
&-2m_{011}^{(00)}m_{102}^{(11)}m_{220}^{(22)} + 2m_{011}^{(00)}m_{102}^{(11)}m_{211}^{(21)} - 2m_{011}^{(00)}m_{102}^{(20)}m_{130}^{(21)} + 2m_{011}^{(00)}m_{102}^{(20)}m_{121}^{(11)}\\
&+2m_{011}^{(00)}m_{102}^{(21)}m_{220}^{(21)} - 2m_{011}^{(00)}m_{102}^{(21)}m_{211}^{(11)} + 2m_{011}^{(00)}m_{021}^{(10)}m_{211}^{(22)} - 2m_{011}^{(00)}m_{021}^{(10)}m_{202}^{(21)}\\
&-2m_{011}^{(00)}m_{021}^{(20)}m_{211}^{(21)} + 2m_{011}^{(00)}m_{021}^{(20)}m_{202}^{(11)} - 2m_{011}^{(00)}m_{021}^{(21)}m_{310}^{(22)} + 2m_{011}^{(00)}m_{021}^{(21)}m_{301}^{(21)}\\
&+2m_{011}^{(00)}m_{021}^{(22)}m_{310}^{(21)} - 2m_{011}^{(00)}m_{021}^{(22)}m_{301}^{(11)} - 2m_{011}^{(00)}m_{012}^{(10)}m_{220}^{(22)} + 2m_{011}^{(00)}m_{012}^{(10)}m_{211}^{(21)}\\
&+2m_{011}^{(00)}m_{012}^{(11)}m_{310}^{(22)} - 2m_{011}^{(00)}m_{012}^{(11)}m_{301}^{(21)} + 2m_{011}^{(00)}m_{012}^{(20)}m_{220}^{(21)} - 2m_{011}^{(00)}m_{012}^{(20)}m_{211}^{(11)}\\
&-2m_{011}^{(00)}m_{012}^{(21)}m_{310}^{(21)} + 2m_{011}^{(00)}m_{012}^{(21)}m_{301}^{(11)} + 2m_{011}^{(10)}m_{300}^{(10)}m_{022}^{(22)} - 2m_{011}^{(10)}m_{300}^{(10)}m_{013}^{(21)}\\
&+2m_{011}^{(10)}m_{300}^{(11)}m_{112}^{(22)} - 2m_{011}^{(10)}m_{300}^{(11)}m_{013}^{(20)} - 2m_{011}^{(10)}m_{300}^{(20)}m_{031}^{(22)} + 2m_{011}^{(10)}m_{300}^{(20)}m_{022}^{(21)}
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&-2m_{011}^{(10)}m_{300}^{(21)}m_{121}^{(22)} - 2m_{011}^{(10)}m_{300}^{(21)}m_{112}^{(21)} + 4m_{011}^{(10)}m_{300}^{(21)}m_{013}^{(10)} + 2m_{011}^{(10)}m_{300}^{(22)}m_{121}^{(21)}\\
&+2m_{011}^{(10)}m_{300}^{(22)}m_{031}^{(20)} - 4m_{011}^{(10)}m_{300}^{(22)}m_{022}^{(10)} - 2m_{011}^{(10)}m_{210}^{(00)}m_{022}^{(22)} + 2m_{011}^{(10)}m_{210}^{(00)}m_{013}^{(21)}\\
&-4m_{011}^{(10)}m_{210}^{(10)}m_{112}^{(22)} + 2m_{011}^{(10)}m_{210}^{(10)}m_{103}^{(21)} + 2m_{011}^{(10)}m_{210}^{(10)}m_{013}^{(20)} - 2m_{011}^{(10)}m_{210}^{(11)}m_{202}^{(22)}\\
&+2m_{011}^{(10)}m_{210}^{(11)}m_{103}^{(20)} + 4m_{011}^{(10)}m_{210}^{(20)}m_{121}^{(22)} - 2m_{011}^{(10)}m_{210}^{(20)}m_{112}^{(21)} + 2m_{011}^{(10)}m_{210}^{(20)}m_{022}^{(20)}\\
&-4m_{011}^{(10)}m_{210}^{(20)}m_{013}^{(10)} + 4m_{011}^{(10)}m_{210}^{(21)}m_{211}^{(22)} + 2m_{011}^{(10)}m_{210}^{(21)}m_{202}^{(21)} - 2m_{011}^{(10)}m_{210}^{(21)}m_{112}^{(20)}\\
&-4m_{011}^{(10)}m_{210}^{(21)}m_{103}^{(10)} - 4m_{011}^{(10)}m_{210}^{(22)}m_{211}^{(21)} - 4m_{011}^{(10)}m_{210}^{(22)}m_{121}^{(20)} + 8m_{011}^{(10)}m_{210}^{(22)}m_{112}^{(10)}\\
&+2m_{011}^{(10)}m_{201}^{(00)}m_{031}^{(22)} - 2m_{011}^{(10)}m_{201}^{(00)}m_{022}^{(21)} - 2m_{011}^{(10)}m_{201}^{(10)}m_{121}^{(22)} + 4m_{011}^{(10)}m_{201}^{(10)}m_{112}^{(21)}\\
&-2m_{011}^{(10)}m_{201}^{(10)}m_{022}^{(20)} - 4m_{011}^{(10)}m_{201}^{(11)}m_{211}^{(22)} + 4m_{011}^{(10)}m_{201}^{(11)}m_{112}^{(20)} + 2m_{011}^{(10)}m_{201}^{(20)}m_{130}^{(22)}\\
&-4m_{011}^{(10)}m_{201}^{(20)}m_{121}^{(21)} - 2m_{011}^{(10)}m_{201}^{(20)}m_{031}^{(20)} + 4m_{011}^{(10)}m_{201}^{(20)}m_{022}^{(10)} + 2m_{011}^{(10)}m_{201}^{(21)}m_{220}^{(22)}\\
&+4m_{011}^{(10)}m_{201}^{(21)}m_{211}^{(21)} + 2m_{011}^{(10)}m_{201}^{(21)}m_{121}^{(20)} - 8m_{011}^{(10)}m_{201}^{(21)}m_{112}^{(10)} - 2m_{011}^{(10)}m_{201}^{(22)}m_{220}^{(21)}\\
&-2m_{011}^{(10)}m_{201}^{(22)}m_{130}^{(20)} + 4m_{011}^{(10)}m_{201}^{(22)}m_{121}^{(10)} + 2m_{011}^{(10)}m_{120}^{(00)}m_{112}^{(22)} - 2m_{011}^{(10)}m_{120}^{(00)}m_{103}^{(21)}\\
&+2m_{011}^{(10)}m_{120}^{(10)}m_{202}^{(22)} - 2m_{011}^{(10)}m_{120}^{(10)}m_{103}^{(20)} - 2m_{011}^{(10)}m_{120}^{(20)}m_{211}^{(22)} - 2m_{011}^{(10)}m_{120}^{(20)}m_{112}^{(20)}\\
&+4m_{011}^{(10)}m_{120}^{(20)}m_{103}^{(10)} - 2m_{011}^{(10)}m_{120}^{(21)}m_{301}^{(22)} + 2m_{011}^{(10)}m_{120}^{(21)}m_{202}^{(20)} + 2m_{011}^{(10)}m_{120}^{(22)}m_{301}^{(21)}\\
&+2m_{011}^{(10)}m_{120}^{(22)}m_{211}^{(20)} - 4m_{011}^{(10)}m_{120}^{(22)}m_{202}^{(10)} + 4m_{011}^{(10)}m_{111}^{(10)}m_{211}^{(22)} - 4m_{011}^{(10)}m_{111}^{(10)}m_{202}^{(21)}\\
&+4m_{011}^{(10)}m_{111}^{(11)}m_{301}^{(22)} - 4m_{011}^{(10)}m_{111}^{(11)}m_{202}^{(20)} - 4m_{011}^{(10)}m_{111}^{(20)}m_{220}^{(22)} + 4m_{011}^{(10)}m_{111}^{(20)}m_{211}^{(21)}\\
&-4m_{011}^{(10)}m_{111}^{(21)}m_{310}^{(22)} - 4m_{011}^{(10)}m_{111}^{(21)}m_{301}^{(21)} + 8m_{011}^{(10)}m_{111}^{(21)}m_{202}^{(10)} + 4m_{011}^{(10)}m_{111}^{(22)}m_{310}^{(21)}\\
&+4m_{011}^{(10)}m_{111}^{(22)}m_{220}^{(20)} - 8m_{011}^{(10)}m_{111}^{(22)}m_{211}^{(10)} - 2m_{011}^{(10)}m_{102}^{(00)}m_{130}^{(22)} + 2m_{011}^{(10)}m_{102}^{(00)}m_{121}^{(21)}\\
&-2m_{011}^{(10)}m_{102}^{(10)}m_{211}^{(21)} + 2m_{011}^{(10)}m_{102}^{(10)}m_{121}^{(20)} + 2m_{011}^{(10)}m_{102}^{(11)}m_{310}^{(22)} - 2m_{011}^{(10)}m_{102}^{(11)}m_{211}^{(20)}\\
&+2m_{011}^{(10)}m_{102}^{(20)}m_{220}^{(21)} + 2m_{011}^{(10)}m_{102}^{(20)}m_{130}^{(20)} - 4m_{011}^{(10)}m_{102}^{(20)}m_{121}^{(10)} - 2m_{011}^{(10)}m_{102}^{(21)}m_{310}^{(21)}\\
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&-2m_{011}^{(10)}m_{021}^{(10)}m_{301}^{(22)} + 2m_{011}^{(10)}m_{021}^{(10)}m_{202}^{(20)} + 2m_{011}^{(10)}m_{021}^{(20)}m_{310}^{(22)} + 2m_{011}^{(10)}m_{021}^{(20)}m_{211}^{(20)}\\
&-4m_{011}^{(10)}m_{021}^{(20)}m_{202}^{(10)} + 2m_{011}^{(10)}m_{021}^{(21)}m_{400}^{(22)} - 2m_{011}^{(10)}m_{021}^{(21)}m_{301}^{(20)} - 2m_{011}^{(10)}m_{021}^{(22)}m_{400}^{(21)}\\
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&+2m_{011}^{(10)}m_{012}^{(10)}m_{301}^{(21)} - 2m_{011}^{(10)}m_{012}^{(10)}m_{211}^{(20)} - 2m_{011}^{(10)}m_{012}^{(11)}m_{400}^{(22)} + 2m_{011}^{(10)}m_{012}^{(11)}m_{301}^{(20)}\\
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&+4m_{011}^{(11)}m_{111}^{(20)}m_{310}^{(22)} - 4m_{011}^{(11)}m_{111}^{(20)}m_{211}^{(20)} + 4m_{011}^{(11)}m_{111}^{(21)}m_{301}^{(20)} - 4m_{011}^{(11)}m_{111}^{(21)}m_{202}^{(00)}\\
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&-2m_{011}^{(11)}m_{102}^{(10)}m_{310}^{(22)} + 2m_{011}^{(11)}m_{102}^{(10)}m_{211}^{(20)} - 2m_{011}^{(11)}m_{102}^{(20)}m_{220}^{(20)} + 2m_{011}^{(11)}m_{102}^{(20)}m_{121}^{(00)}
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&+2m_{011}^{(11)}m_{102}^{(21)}m_{310}^{(20)} - 2m_{011}^{(11)}m_{102}^{(21)}m_{211}^{(00)} + 2m_{011}^{(11)}m_{021}^{(00)}m_{301}^{(22)} - 2m_{011}^{(11)}m_{021}^{(00)}m_{202}^{(20)}\\
&-2m_{011}^{(11)}m_{021}^{(20)}m_{400}^{(22)} + 2m_{011}^{(11)}m_{021}^{(20)}m_{202}^{(00)} + 2m_{011}^{(11)}m_{021}^{(22)}m_{400}^{(20)} - 2m_{011}^{(11)}m_{021}^{(22)}m_{301}^{(00)}\\
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&+2m_{011}^{(11)}m_{012}^{(20)}m_{310}^{(20)} - 2m_{011}^{(11)}m_{012}^{(20)}m_{211}^{(00)} - 2m_{011}^{(11)}m_{012}^{(21)}m_{400}^{(20)} + 2m_{011}^{(11)}m_{012}^{(21)}m_{301}^{(00)}\\
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&-2m_{011}^{(20)}m_{300}^{(11)}m_{013}^{(10)} + 2m_{011}^{(20)}m_{300}^{(20)}m_{031}^{(21)} - 2m_{011}^{(20)}m_{300}^{(20)}m_{022}^{(11)} + 2m_{011}^{(20)}m_{300}^{(21)}m_{121}^{(21)}\\
&+2m_{011}^{(20)}m_{300}^{(21)}m_{112}^{(11)} - 4m_{011}^{(20)}m_{300}^{(21)}m_{031}^{(20)} - 2m_{011}^{(20)}m_{300}^{(22)}m_{121}^{(11)} + 2m_{011}^{(20)}m_{300}^{(22)}m_{031}^{(10)}\\
&+2m_{011}^{(20)}m_{210}^{(00)}m_{022}^{(21)} - 2m_{011}^{(20)}m_{210}^{(00)}m_{013}^{(11)} + 4m_{011}^{(20)}m_{210}^{(10)}m_{112}^{(21)} - 2m_{011}^{(20)}m_{210}^{(10)}m_{103}^{(11)}\\
&-4m_{011}^{(20)}m_{210}^{(10)}m_{022}^{(20)} + 2m_{011}^{(20)}m_{210}^{(10)}m_{013}^{(10)} + 2m_{011}^{(20)}m_{210}^{(11)}m_{202}^{(21)} - 4m_{011}^{(20)}m_{210}^{(11)}m_{112}^{(20)}\\
&+2m_{011}^{(20)}m_{210}^{(11)}m_{103}^{(10)} - 4m_{011}^{(20)}m_{210}^{(20)}m_{121}^{(21)} + 2m_{011}^{(20)}m_{210}^{(20)}m_{112}^{(11)} + 2m_{011}^{(20)}m_{210}^{(20)}m_{022}^{(10)}\\
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&+4m_{011}^{(20)}m_{210}^{(22)}m_{211}^{(11)} - 4m_{011}^{(20)}m_{210}^{(22)}m_{121}^{(10)} - 2m_{011}^{(20)}m_{201}^{(00)}m_{031}^{(21)} + 2m_{011}^{(20)}m_{201}^{(00)}m_{022}^{(11)}\\
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&+4m_{011}^{(20)}m_{201}^{(21)}m_{130}^{(20)} + 2m_{011}^{(20)}m_{201}^{(21)}m_{121}^{(10)} + 2m_{011}^{(20)}m_{201}^{(22)}m_{220}^{(11)} - 2m_{011}^{(20)}m_{201}^{(22)}m_{130}^{(10)}\\
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&-2m_{011}^{(20)}m_{120}^{(10)}m_{103}^{(10)} + 2m_{011}^{(20)}m_{120}^{(20)}m_{211}^{(21)} - 2m_{011}^{(20)}m_{120}^{(20)}m_{112}^{(10)} + 2m_{011}^{(20)}m_{120}^{(21)}m_{301}^{(21)}\\
&-4m_{011}^{(20)}m_{120}^{(21)}m_{211}^{(20)} + 2m_{011}^{(20)}m_{120}^{(21)}m_{202}^{(10)} - 2m_{011}^{(20)}m_{120}^{(22)}m_{301}^{(11)} + 2m_{011}^{(20)}m_{120}^{(22)}m_{211}^{(10)}\\
&-4m_{011}^{(20)}m_{111}^{(10)}m_{211}^{(21)} + 4m_{011}^{(20)}m_{111}^{(10)}m_{202}^{(11)} - 4m_{011}^{(20)}m_{111}^{(11)}m_{301}^{(21)} + 8m_{011}^{(20)}m_{111}^{(11)}m_{211}^{(20)}\\
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&+4m_{011}^{(20)}m_{111}^{(21)}m_{301}^{(11)} - 8m_{011}^{(20)}m_{111}^{(21)}m_{220}^{(20)} - 4m_{011}^{(20)}m_{111}^{(22)}m_{310}^{(11)} + 4m_{011}^{(20)}m_{111}^{(22)}m_{220}^{(10)}\\
&+2m_{011}^{(20)}m_{102}^{(00)}m_{130}^{(21)} - 2m_{011}^{(20)}m_{102}^{(00)}m_{121}^{(11)} + 2m_{011}^{(20)}m_{102}^{(10)}m_{211}^{(11)} - 4m_{011}^{(20)}m_{102}^{(10)}m_{130}^{(20)}\\
&+2m_{011}^{(20)}m_{102}^{(10)}m_{121}^{(10)} - 2m_{011}^{(20)}m_{102}^{(11)}m_{310}^{(21)} + 4m_{011}^{(20)}m_{102}^{(11)}m_{220}^{(20)} - 2m_{011}^{(20)}m_{102}^{(11)}m_{211}^{(10)}\\
&-2m_{011}^{(20)}m_{102}^{(20)}m_{220}^{(11)} + 2m_{011}^{(20)}m_{102}^{(20)}m_{130}^{(10)} + 2m_{011}^{(20)}m_{102}^{(21)}m_{310}^{(11)} - 2m_{011}^{(20)}m_{102}^{(21)}m_{220}^{(10)}\\
&+2m_{011}^{(20)}m_{021}^{(00)}m_{211}^{(21)} - 2m_{011}^{(20)}m_{021}^{(00)}m_{202}^{(11)} + 2m_{011}^{(20)}m_{021}^{(10)}m_{301}^{(21)} - 4m_{011}^{(20)}m_{021}^{(10)}m_{211}^{(20)}\\
&+2m_{011}^{(20)}m_{021}^{(10)}m_{202}^{(10)} - 2m_{011}^{(20)}m_{021}^{(20)}m_{310}^{(21)} + 2m_{011}^{(20)}m_{021}^{(20)}m_{211}^{(10)} - 2m_{011}^{(20)}m_{021}^{(21)}m_{400}^{(21)}\\
&+4m_{011}^{(20)}m_{021}^{(21)}m_{310}^{(20)} - 2m_{011}^{(20)}m_{021}^{(21)}m_{301}^{(10)} + 2m_{011}^{(20)}m_{021}^{(22)}m_{400}^{(11)} - 2m_{011}^{(20)}m_{021}^{(22)}m_{310}^{(10)}\\
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&+2m_{011}^{(20)}m_{012}^{(20)}m_{310}^{(11)} - 2m_{011}^{(20)}m_{012}^{(20)}m_{220}^{(10)} - 2m_{011}^{(20)}m_{012}^{(21)}m_{400}^{(11)} + 2m_{011}^{(20)}m_{012}^{(21)}m_{310}^{(10)}\\
&+4m_{011}^{(21)}m_{300}^{(10)}m_{112}^{(21)} - 2m_{011}^{(21)}m_{300}^{(10)}m_{022}^{(20)} - 2m_{011}^{(21)}m_{300}^{(10)}m_{013}^{(10)} - 2m_{011}^{(21)}m_{300}^{(11)}m_{112}^{(20)}\\
&+2m_{011}^{(21)}m_{300}^{(11)}m_{013}^{(00)} - 4m_{011}^{(21)}m_{300}^{(20)}m_{121}^{(21)} + 2m_{011}^{(21)}m_{300}^{(20)}m_{031}^{(20)} + 2m_{011}^{(21)}m_{300}^{(20)}m_{022}^{(10)}\\
&+2m_{011}^{(21)}m_{300}^{(21)}m_{121}^{(20)} - 2m_{011}^{(21)}m_{300}^{(21)}m_{112}^{(10)} + 2m_{011}^{(21)}m_{300}^{(22)}m_{121}^{(10)} - 2m_{011}^{(21)}m_{300}^{(22)}m_{031}^{(00)}\\
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&+4m_{011}^{(21)}m_{210}^{(10)}m_{112}^{(20)} + 2m_{011}^{(21)}m_{210}^{(10)}m_{103}^{(10)} - 2m_{011}^{(21)}m_{210}^{(10)}m_{013}^{(00)} + 2m_{011}^{(21)}m_{210}^{(11)}m_{202}^{(20)}\\
&-2m_{011}^{(21)}m_{210}^{(11)}m_{103}^{(00)} + 8m_{011}^{(21)}m_{210}^{(20)}m_{211}^{(21)} - 4m_{011}^{(21)}m_{210}^{(20)}m_{121}^{(20)} - 2m_{011}^{(21)}m_{210}^{(20)}m_{112}^{(10)}\\
&-2m_{011}^{(21)}m_{210}^{(20)}m_{022}^{(00)} - 4m_{011}^{(21)}m_{210}^{(21)}m_{211}^{(20)} + 2m_{011}^{(21)}m_{210}^{(21)}m_{202}^{(10)} + 2m_{011}^{(21)}m_{210}^{(21)}m_{112}^{(00)}
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&-4m_{011}^{(21)}m_{210}^{(22)}m_{211}^{(10)} + 4m_{011}^{(21)}m_{210}^{(22)}m_{121}^{(00)} + 4m_{011}^{(21)}m_{201}^{(00)}m_{121}^{(21)} - 2m_{011}^{(21)}m_{201}^{(00)}m_{031}^{(20)}\\
&-2m_{011}^{(21)}m_{201}^{(00)}m_{022}^{(10)} - 8m_{011}^{(21)}m_{201}^{(10)}m_{211}^{(21)} + 2m_{011}^{(21)}m_{201}^{(10)}m_{121}^{(20)} + 4m_{011}^{(21)}m_{201}^{(10)}m_{112}^{(10)}\\
&+2m_{011}^{(21)}m_{201}^{(10)}m_{022}^{(00)} + 4m_{011}^{(21)}m_{201}^{(11)}m_{211}^{(20)} - 4m_{011}^{(21)}m_{201}^{(11)}m_{112}^{(00)} + 4m_{011}^{(21)}m_{201}^{(20)}m_{220}^{(21)}\\
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&+4m_{011}^{(21)}m_{201}^{(21)}m_{211}^{(10)} - 2m_{011}^{(21)}m_{201}^{(21)}m_{121}^{(00)} - 2m_{011}^{(21)}m_{201}^{(22)}m_{220}^{(10)} + 2m_{011}^{(21)}m_{201}^{(22)}m_{130}^{(00)}\\
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&+2m_{011}^{(21)}m_{120}^{(10)}m_{103}^{(00)} - 4m_{011}^{(21)}m_{120}^{(20)}m_{301}^{(21)} + 2m_{011}^{(21)}m_{120}^{(20)}m_{211}^{(20)} + 2m_{011}^{(21)}m_{120}^{(20)}m_{112}^{(00)}\\
&+2m_{011}^{(21)}m_{120}^{(21)}m_{301}^{(20)} - 2m_{011}^{(21)}m_{120}^{(21)}m_{202}^{(00)} + 2m_{011}^{(21)}m_{120}^{(22)}m_{301}^{(10)} - 2m_{011}^{(21)}m_{120}^{(22)}m_{211}^{(00)}\\
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&-4m_{011}^{(21)}m_{102}^{(00)}m_{220}^{(21)} + 2m_{011}^{(21)}m_{102}^{(00)}m_{130}^{(20)} + 2m_{011}^{(21)}m_{102}^{(00)}m_{121}^{(10)} + 4m_{011}^{(21)}m_{102}^{(10)}m_{310}^{(21)}\\
&-2m_{011}^{(21)}m_{102}^{(10)}m_{211}^{(10)} - 2m_{011}^{(21)}m_{102}^{(10)}m_{121}^{(00)} - 2m_{011}^{(21)}m_{102}^{(11)}m_{310}^{(20)} + 2m_{011}^{(21)}m_{102}^{(11)}m_{211}^{(00)}\\
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&-2m_{011}^{(21)}m_{021}^{(10)}m_{202}^{(00)} + 4m_{011}^{(21)}m_{021}^{(20)}m_{400}^{(21)} - 2m_{011}^{(21)}m_{021}^{(20)}m_{310}^{(20)} - 2m_{011}^{(21)}m_{021}^{(20)}m_{211}^{(00)}\\
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&+4m_{011}^{(21)}m_{012}^{(00)}m_{310}^{(21)} - 2m_{011}^{(21)}m_{012}^{(00)}m_{220}^{(20)} - 2m_{011}^{(21)}m_{012}^{(00)}m_{211}^{(10)} - 4m_{011}^{(21)}m_{012}^{(10)}m_{400}^{(21)}\\
&+2m_{011}^{(21)}m_{012}^{(10)}m_{301}^{(10)} + 2m_{011}^{(21)}m_{012}^{(10)}m_{211}^{(00)} + 2m_{011}^{(21)}m_{012}^{(11)}m_{400}^{(20)} - 2m_{011}^{(21)}m_{012}^{(11)}m_{301}^{(00)}\\
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&+2m_{011}^{(22)}m_{300}^{(20)}m_{121}^{(11)} - 2m_{011}^{(22)}m_{300}^{(20)}m_{031}^{(10)} - 2m_{011}^{(22)}m_{300}^{(21)}m_{121}^{(10)} + 2m_{011}^{(22)}m_{300}^{(21)}m_{031}^{(00)}\\
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&+4m_{011}^{(22)}m_{210}^{(20)}m_{121}^{(10)} + 4m_{011}^{(22)}m_{210}^{(21)}m_{211}^{(10)} - 4m_{011}^{(22)}m_{210}^{(21)}m_{121}^{(00)} - 2m_{011}^{(22)}m_{201}^{(00)}m_{121}^{(11)}\\
&+2m_{011}^{(22)}m_{201}^{(00)}m_{031}^{(10)} + 4m_{011}^{(22)}m_{201}^{(10)}m_{211}^{(11)} - 2m_{011}^{(22)}m_{201}^{(10)}m_{121}^{(10)} - 2m_{011}^{(22)}m_{201}^{(10)}m_{031}^{(00)}\\
&-4m_{011}^{(22)}m_{201}^{(11)}m_{211}^{(10)} + 4m_{011}^{(22)}m_{201}^{(11)}m_{121}^{(00)} - 2m_{011}^{(22)}m_{201}^{(20)}m_{220}^{(11)} + 2m_{011}^{(22)}m_{201}^{(20)}m_{130}^{(10)}\\
&+2m_{011}^{(22)}m_{201}^{(21)}m_{220}^{(10)} - 2m_{011}^{(22)}m_{201}^{(21)}m_{130}^{(00)} - 2m_{011}^{(22)}m_{120}^{(00)}m_{202}^{(11)} + 2m_{011}^{(22)}m_{120}^{(00)}m_{112}^{(10)}\\
&+2m_{011}^{(22)}m_{120}^{(10)}m_{202}^{(10)} - 2m_{011}^{(22)}m_{120}^{(10)}m_{112}^{(00)} + 2m_{011}^{(22)}m_{120}^{(20)}m_{301}^{(11)} - 2m_{011}^{(22)}m_{120}^{(20)}m_{211}^{(10)}\\
&-2m_{011}^{(22)}m_{120}^{(21)}m_{301}^{(10)} + 2m_{011}^{(22)}m_{120}^{(21)}m_{211}^{(00)} - 4m_{011}^{(22)}m_{111}^{(10)}m_{301}^{(11)} + 4m_{011}^{(22)}m_{111}^{(10)}m_{211}^{(10)}\\
&+4m_{011}^{(22)}m_{111}^{(11)}m_{301}^{(10)} - 4m_{011}^{(22)}m_{111}^{(11)}m_{211}^{(00)} + 4m_{011}^{(22)}m_{111}^{(20)}m_{310}^{(11)} - 4m_{011}^{(22)}m_{111}^{(20)}m_{220}^{(10)}\\
&-4m_{011}^{(22)}m_{111}^{(21)}m_{310}^{(10)} + 4m_{011}^{(22)}m_{111}^{(21)}m_{220}^{(00)} + 2m_{011}^{(22)}m_{102}^{(00)}m_{220}^{(11)} - 2m_{011}^{(22)}m_{102}^{(00)}m_{130}^{(10)}\\
&-2m_{011}^{(22)}m_{102}^{(10)}m_{310}^{(11)} + 2m_{011}^{(22)}m_{102}^{(10)}m_{130}^{(00)} + 2m_{011}^{(22)}m_{102}^{(11)}m_{310}^{(10)} - 2m_{011}^{(22)}m_{102}^{(11)}m_{220}^{(00)}\\
&+2m_{011}^{(22)}m_{021}^{(00)}m_{301}^{(11)} - 2m_{011}^{(22)}m_{021}^{(00)}m_{211}^{(10)} - 2m_{011}^{(22)}m_{021}^{(10)}m_{301}^{(10)} + 2m_{011}^{(22)}m_{021}^{(10)}m_{211}^{(00)}\\
&-2m_{011}^{(22)}m_{021}^{(20)}m_{400}^{(11)} + 2m_{011}^{(22)}m_{021}^{(20)}m_{310}^{(10)} + 2m_{011}^{(22)}m_{021}^{(21)}m_{400}^{(10)} - 2m_{011}^{(22)}m_{021}^{(21)}m_{310}^{(00)}\\
&-2m_{011}^{(22)}m_{012}^{(00)}m_{310}^{(11)} + 2m_{011}^{(22)}m_{012}^{(00)}m_{220}^{(10)} + 2m_{011}^{(22)}m_{012}^{(10)}m_{400}^{(11)} - 2m_{011}^{(22)}m_{012}^{(10)}m_{220}^{(00)}\\
&-2m_{011}^{(22)}m_{012}^{(11)}m_{400}^{(10)} + 2m_{011}^{(22)}m_{012}^{(11)}m_{310}^{(00)} + m_{002}^{(00)}m_{300}^{(11)}m_{031}^{(22)} - m_{002}^{(00)}m_{300}^{(11)}m_{022}^{(21)}\\
&-m_{002}^{(00)}m_{300}^{(21)}m_{040}^{(22)} + m_{002}^{(00)}m_{300}^{(21)}m_{022}^{(11)} + m_{002}^{(00)}m_{300}^{(22)}m_{040}^{(21)} - m_{002}^{(00)}m_{300}^{(22)}m_{031}^{(11)}
\end{aligned}
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\begin{aligned}
&-m_{002}^{(00)}m_{210}^{(10)}m_{031}^{(22)}+m_{002}^{(00)}m_{210}^{(10)}m_{022}^{(21)}-2m_{002}^{(00)}m_{210}^{(11)}m_{121}^{(22)}+2m_{002}^{(00)}m_{210}^{(11)}m_{112}^{(21)}\\
&+m_{002}^{(00)}m_{210}^{(20)}m_{031}^{(21)}-m_{002}^{(00)}m_{210}^{(20)}m_{022}^{(11)}+3m_{002}^{(00)}m_{210}^{(21)}m_{130}^{(22)}-m_{002}^{(00)}m_{210}^{(21)}m_{121}^{(21)}\\
&-2m_{002}^{(00)}m_{210}^{(21)}m_{112}^{(11)}-3m_{002}^{(00)}m_{210}^{(22)}m_{130}^{(21)}+3m_{002}^{(00)}m_{210}^{(22)}m_{121}^{(11)}+m_{002}^{(00)}m_{201}^{(10)}m_{040}^{(22)}\\
&-m_{002}^{(00)}m_{201}^{(10)}m_{031}^{(21)}-m_{002}^{(00)}m_{201}^{(11)}m_{130}^{(22)}+m_{002}^{(00)}m_{201}^{(11)}m_{121}^{(21)}-m_{002}^{(00)}m_{201}^{(20)}m_{040}^{(21)}\\
&+m_{002}^{(00)}m_{201}^{(20)}m_{031}^{(11)}+m_{002}^{(00)}m_{201}^{(21)}m_{130}^{(21)}-m_{002}^{(00)}m_{201}^{(21)}m_{121}^{(11)}+2m_{002}^{(00)}m_{120}^{(10)}m_{121}^{(22)}\\
&-2m_{002}^{(00)}m_{120}^{(10)}m_{112}^{(21)}+m_{002}^{(00)}m_{120}^{(11)}m_{211}^{(22)}-m_{002}^{(00)}m_{120}^{(11)}m_{202}^{(21)}-2m_{002}^{(00)}m_{120}^{(20)}m_{121}^{(21)}\\
&+2m_{002}^{(00)}m_{120}^{(20)}m_{112}^{(11)}-3m_{002}^{(00)}m_{120}^{(21)}m_{220}^{(22)}+2m_{002}^{(00)}m_{120}^{(21)}m_{211}^{(21)}+m_{002}^{(00)}m_{120}^{(21)}m_{202}^{(11)}\\
&+3m_{002}^{(00)}m_{120}^{(22)}m_{220}^{(21)}-3m_{002}^{(00)}m_{120}^{(22)}m_{211}^{(11)}-2m_{002}^{(00)}m_{111}^{(10)}m_{130}^{(22)}+2m_{002}^{(00)}m_{111}^{(10)}m_{121}^{(21)}\\
&+2m_{002}^{(00)}m_{111}^{(11)}m_{220}^{(22)}-2m_{002}^{(00)}m_{111}^{(11)}m_{211}^{(21)}+2m_{002}^{(00)}m_{111}^{(20)}m_{130}^{(21)}-2m_{002}^{(00)}m_{111}^{(20)}m_{121}^{(11)}\\
&-2m_{002}^{(00)}m_{111}^{(21)}m_{220}^{(21)}+2m_{002}^{(00)}m_{111}^{(21)}m_{211}^{(11)}-m_{002}^{(00)}m_{030}^{(10)}m_{211}^{(22)}+m_{002}^{(00)}m_{030}^{(10)}m_{202}^{(21)}\\
&+m_{002}^{(00)}m_{030}^{(20)}m_{211}^{(21)}-m_{002}^{(00)}m_{030}^{(20)}m_{202}^{(11)}+m_{002}^{(00)}m_{030}^{(21)}m_{310}^{(22)}-m_{002}^{(00)}m_{030}^{(21)}m_{301}^{(21)}\\
&-m_{002}^{(00)}m_{030}^{(22)}m_{310}^{(21)}+m_{002}^{(00)}m_{030}^{(22)}m_{301}^{(11)}+m_{002}^{(00)}m_{021}^{(10)}m_{220}^{(22)}-m_{002}^{(00)}m_{021}^{(10)}m_{211}^{(21)}\\
&-m_{002}^{(00)}m_{021}^{(11)}m_{310}^{(22)}+m_{002}^{(00)}m_{021}^{(11)}m_{301}^{(21)}-m_{002}^{(00)}m_{021}^{(20)}m_{220}^{(21)}+m_{002}^{(00)}m_{021}^{(20)}m_{211}^{(11)}\\
&+m_{002}^{(00)}m_{021}^{(21)}m_{310}^{(21)}-m_{002}^{(00)}m_{021}^{(21)}m_{301}^{(11)}-m_{002}^{(10)}m_{300}^{(10)}m_{031}^{(22)}+m_{002}^{(10)}m_{300}^{(10)}m_{022}^{(21)}\\
&-m_{002}^{(10)}m_{300}^{(11)}m_{121}^{(22)}+m_{002}^{(10)}m_{300}^{(11)}m_{022}^{(20)}+m_{002}^{(10)}m_{300}^{(20)}m_{040}^{(22)}-m_{002}^{(10)}m_{300}^{(20)}m_{031}^{(21)}\\
&+m_{002}^{(10)}m_{300}^{(21)}m_{130}^{(22)}+m_{002}^{(10)}m_{300}^{(21)}m_{121}^{(21)}-2m_{002}^{(10)}m_{300}^{(21)}m_{022}^{(10)}-m_{002}^{(10)}m_{300}^{(22)}m_{130}^{(21)}\\
&-m_{002}^{(10)}m_{300}^{(22)}m_{040}^{(20)}+2m_{002}^{(10)}m_{300}^{(22)}m_{031}^{(10)}+m_{002}^{(10)}m_{210}^{(00)}m_{031}^{(22)}-m_{002}^{(10)}m_{210}^{(00)}m_{022}^{(21)}\\
&+3m_{002}^{(10)}m_{210}^{(10)}m_{121}^{(22)}-2m_{002}^{(10)}m_{210}^{(10)}m_{112}^{(21)}-m_{002}^{(10)}m_{210}^{(10)}m_{022}^{(20)}+2m_{002}^{(10)}m_{210}^{(11)}m_{211}^{(22)}\\
&-2m_{002}^{(10)}m_{210}^{(11)}m_{112}^{(20)}-3m_{002}^{(10)}m_{210}^{(20)}m_{130}^{(22)}+2m_{002}^{(10)}m_{210}^{(20)}m_{121}^{(21)}-m_{002}^{(10)}m_{210}^{(20)}m_{031}^{(20)}\\
&+2m_{002}^{(10)}m_{210}^{(20)}m_{022}^{(10)}-3m_{002}^{(10)}m_{210}^{(21)}m_{220}^{(22)}-2m_{002}^{(10)}m_{210}^{(21)}m_{211}^{(21)}+m_{002}^{(10)}m_{210}^{(21)}m_{121}^{(20)}\\
&+4m_{002}^{(10)}m_{210}^{(21)}m_{112}^{(10)}+3m_{002}^{(10)}m_{210}^{(22)}m_{220}^{(21)}+3m_{002}^{(10)}m_{210}^{(22)}m_{130}^{(20)}-6m_{002}^{(10)}m_{210}^{(22)}m_{121}^{(10)}\\
&-m_{002}^{(10)}m_{201}^{(00)}m_{040}^{(22)}+m_{002}^{(10)}m_{201}^{(00)}m_{031}^{(21)}-m_{002}^{(10)}m_{201}^{(10)}m_{121}^{(21)}+m_{002}^{(10)}m_{201}^{(10)}m_{031}^{(20)}\\
&+m_{002}^{(10)}m_{201}^{(11)}m_{220}^{(22)}-m_{002}^{(10)}m_{201}^{(11)}m_{121}^{(20)}+m_{002}^{(10)}m_{201}^{(20)}m_{130}^{(21)}+m_{002}^{(10)}m_{201}^{(20)}m_{040}^{(20)}\\
&-2m_{002}^{(10)}m_{201}^{(20)}m_{031}^{(10)}-m_{002}^{(10)}m_{201}^{(21)}m_{220}^{(21)}-m_{002}^{(10)}m_{201}^{(21)}m_{130}^{(20)}+2m_{002}^{(10)}m_{201}^{(21)}m_{121}^{(10)}\\
&-2m_{002}^{(10)}m_{120}^{(00)}m_{121}^{(22)}+2m_{002}^{(10)}m_{120}^{(00)}m_{112}^{(21)}-3m_{002}^{(10)}m_{120}^{(10)}m_{211}^{(22)}+m_{002}^{(10)}m_{120}^{(10)}m_{202}^{(21)}\\
&+2m_{002}^{(10)}m_{120}^{(10)}m_{112}^{(20)}-m_{002}^{(10)}m_{120}^{(11)}m_{301}^{(22)}+m_{002}^{(10)}m_{120}^{(11)}m_{202}^{(20)}+3m_{002}^{(10)}m_{120}^{(20)}m_{220}^{(22)}\\
&-m_{002}^{(10)}m_{120}^{(20)}m_{211}^{(21)}+2m_{002}^{(10)}m_{120}^{(20)}m_{121}^{(20)}-4m_{002}^{(10)}m_{120}^{(20)}m_{112}^{(10)}+3m_{002}^{(10)}m_{120}^{(21)}m_{310}^{(22)}\\
&+m_{002}^{(10)}m_{120}^{(21)}m_{301}^{(21)}-2m_{002}^{(10)}m_{120}^{(21)}m_{211}^{(20)}-2m_{002}^{(10)}m_{120}^{(21)}m_{202}^{(10)}-3m_{002}^{(10)}m_{120}^{(22)}m_{310}^{(21)}\\
&-3m_{002}^{(10)}m_{120}^{(22)}m_{220}^{(20)}+6m_{002}^{(10)}m_{120}^{(22)}m_{211}^{(10)}+2m_{002}^{(10)}m_{111}^{(00)}m_{130}^{(22)}-2m_{002}^{(10)}m_{111}^{(00)}m_{121}^{(21)}\\
&+2m_{002}^{(10)}m_{111}^{(10)}m_{211}^{(21)}-2m_{002}^{(10)}m_{111}^{(10)}m_{121}^{(20)}-2m_{002}^{(10)}m_{111}^{(11)}m_{310}^{(22)}+2m_{002}^{(10)}m_{111}^{(11)}m_{211}^{(20)}\\
&-2m_{002}^{(10)}m_{111}^{(20)}m_{220}^{(21)}-2m_{002}^{(10)}m_{111}^{(20)}m_{130}^{(20)}+4m_{002}^{(10)}m_{111}^{(20)}m_{121}^{(10)}+2m_{002}^{(10)}m_{111}^{(21)}m_{310}^{(21)}\\
&+2m_{002}^{(10)}m_{111}^{(21)}m_{220}^{(20)}-4m_{002}^{(10)}m_{111}^{(21)}m_{211}^{(10)}+m_{002}^{(10)}m_{030}^{(00)}m_{211}^{(22)}-m_{002}^{(10)}m_{030}^{(00)}m_{202}^{(21)}\\
&+m_{002}^{(10)}m_{030}^{(10)}m_{301}^{(22)}-m_{002}^{(10)}m_{030}^{(10)}m_{202}^{(20)}-m_{002}^{(10)}m_{030}^{(20)}m_{310}^{(22)}-m_{002}^{(10)}m_{030}^{(20)}m_{211}^{(20)}\\
&+2m_{002}^{(10)}m_{030}^{(20)}m_{202}^{(10)}-m_{002}^{(10)}m_{030}^{(21)}m_{400}^{(22)}+m_{002}^{(10)}m_{030}^{(21)}m_{301}^{(20)}+m_{002}^{(10)}m_{030}^{(22)}m_{400}^{(21)}\\
&+m_{002}^{(10)}m_{030}^{(22)}m_{310}^{(20)}-2m_{002}^{(10)}m_{030}^{(22)}m_{301}^{(10)}-m_{002}^{(10)}m_{021}^{(00)}m_{220}^{(22)}+m_{002}^{(10)}m_{021}^{(00)}m_{211}^{(21)}\\
&-m_{002}^{(10)}m_{021}^{(10)}m_{301}^{(21)}+m_{002}^{(10)}m_{021}^{(10)}m_{211}^{(20)}+m_{002}^{(10)}m_{021}^{(11)}m_{400}^{(22)}-m_{002}^{(10)}m_{021}^{(11)}m_{301}^{(20)}\\
&+m_{002}^{(10)}m_{021}^{(20)}m_{310}^{(21)}+m_{002}^{(10)}m_{021}^{(20)}m_{220}^{(20)}-2m_{002}^{(10)}m_{021}^{(20)}m_{211}^{(10)}-m_{002}^{(10)}m_{021}^{(21)}m_{400}^{(21)}\\
&-m_{002}^{(10)}m_{021}^{(21)}m_{310}^{(20)}+2m_{002}^{(10)}m_{021}^{(21)}m_{301}^{(10)}+m_{002}^{(11)}m_{300}^{(10)}m_{121}^{(22)}-m_{002}^{(11)}m_{300}^{(10)}m_{022}^{(20)}
\end{aligned}
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\begin{aligned}
&-m_{002}^{(11)}m_{300}^{(20)}m_{130}^{(22)}+m_{002}^{(11)}m_{300}^{(20)}m_{031}^{(20)}-m_{002}^{(11)}m_{300}^{(21)}m_{121}^{(20)}+m_{002}^{(11)}m_{300}^{(21)}m_{022}^{(00)}\\
&+m_{002}^{(11)}m_{300}^{(22)}m_{130}^{(20)}-m_{002}^{(11)}m_{300}^{(22)}m_{031}^{(00)}-m_{002}^{(11)}m_{210}^{(00)}m_{121}^{(22)}+m_{002}^{(11)}m_{210}^{(00)}m_{022}^{(20)}\\
&-2m_{002}^{(11)}m_{210}^{(10)}m_{211}^{(22)}+2m_{002}^{(11)}m_{210}^{(10)}m_{112}^{(20)}+3m_{002}^{(11)}m_{210}^{(20)}m_{220}^{(22)}-2m_{002}^{(11)}m_{210}^{(20)}m_{121}^{(20)}\\
&-m_{002}^{(11)}m_{210}^{(20)}m_{022}^{(00)}+2m_{002}^{(11)}m_{210}^{(21)}m_{211}^{(20)}-2m_{002}^{(11)}m_{210}^{(21)}m_{112}^{(00)}-3m_{002}^{(11)}m_{210}^{(22)}m_{220}^{(20)}\\
&+3m_{002}^{(11)}m_{210}^{(22)}m_{121}^{(00)}+m_{002}^{(11)}m_{201}^{(00)}m_{130}^{(22)}-m_{002}^{(11)}m_{201}^{(00)}m_{031}^{(20)}-m_{002}^{(11)}m_{201}^{(10)}m_{220}^{(22)}\\
&+m_{002}^{(11)}m_{201}^{(10)}m_{121}^{(20)}-m_{002}^{(11)}m_{201}^{(20)}m_{130}^{(20)}+m_{002}^{(11)}m_{201}^{(20)}m_{031}^{(00)}+m_{002}^{(11)}m_{201}^{(21)}m_{220}^{(20)}\\
&-m_{002}^{(11)}m_{201}^{(21)}m_{121}^{(00)}+2m_{002}^{(11)}m_{120}^{(00)}m_{211}^{(22)}-2m_{002}^{(11)}m_{120}^{(00)}m_{112}^{(20)}+m_{002}^{(11)}m_{120}^{(10)}m_{301}^{(22)}\\
&-m_{002}^{(11)}m_{120}^{(10)}m_{202}^{(20)}-3m_{002}^{(11)}m_{120}^{(20)}m_{310}^{(22)}+m_{002}^{(11)}m_{120}^{(20)}m_{211}^{(20)}+2m_{002}^{(11)}m_{120}^{(20)}m_{112}^{(00)}\\
&-m_{002}^{(11)}m_{120}^{(21)}m_{301}^{(20)}+m_{002}^{(11)}m_{120}^{(21)}m_{202}^{(00)}+3m_{002}^{(11)}m_{120}^{(22)}m_{310}^{(20)}-3m_{002}^{(11)}m_{120}^{(22)}m_{211}^{(00)}\\
&-2m_{002}^{(11)}m_{111}^{(00)}m_{220}^{(22)}+2m_{002}^{(11)}m_{111}^{(00)}m_{121}^{(20)}+2m_{002}^{(11)}m_{111}^{(10)}m_{310}^{(22)}-2m_{002}^{(11)}m_{111}^{(10)}m_{211}^{(20)}\\
&+2m_{002}^{(11)}m_{111}^{(20)}m_{220}^{(20)}-2m_{002}^{(11)}m_{111}^{(20)}m_{121}^{(00)}-2m_{002}^{(11)}m_{111}^{(21)}m_{310}^{(20)}+2m_{002}^{(11)}m_{111}^{(21)}m_{211}^{(00)}\\
&-m_{002}^{(11)}m_{030}^{(00)}m_{301}^{(22)}+m_{002}^{(11)}m_{030}^{(00)}m_{202}^{(20)}+m_{002}^{(11)}m_{030}^{(20)}m_{400}^{(22)}-m_{002}^{(11)}m_{030}^{(20)}m_{202}^{(00)}\\
&-m_{002}^{(11)}m_{030}^{(22)}m_{400}^{(20)}+m_{002}^{(11)}m_{030}^{(22)}m_{301}^{(00)}+m_{002}^{(11)}m_{021}^{(00)}m_{310}^{(22)}-m_{002}^{(11)}m_{021}^{(00)}m_{211}^{(20)}\\
&-m_{002}^{(11)}m_{021}^{(10)}m_{400}^{(22)}+m_{002}^{(11)}m_{021}^{(10)}m_{301}^{(20)}-m_{002}^{(11)}m_{021}^{(20)}m_{310}^{(20)}+m_{002}^{(11)}m_{021}^{(20)}m_{211}^{(00)}\\
&+m_{002}^{(11)}m_{021}^{(21)}m_{400}^{(20)}-m_{002}^{(11)}m_{021}^{(21)}m_{301}^{(00)}+m_{002}^{(20)}m_{300}^{(10)}m_{031}^{(21)}-m_{002}^{(20)}m_{300}^{(10)}m_{022}^{(11)}\\
&+m_{002}^{(20)}m_{300}^{(11)}m_{121}^{(21)}-2m_{002}^{(20)}m_{300}^{(11)}m_{031}^{(20)}+m_{002}^{(20)}m_{300}^{(11)}m_{022}^{(10)}-m_{002}^{(20)}m_{300}^{(20)}m_{040}^{(21)}\\
&+m_{002}^{(20)}m_{300}^{(20)}m_{031}^{(11)}-m_{002}^{(20)}m_{300}^{(21)}m_{130}^{(21)}-m_{002}^{(20)}m_{300}^{(21)}m_{121}^{(11)}+2m_{002}^{(20)}m_{300}^{(21)}m_{040}^{(20)}\\
&+m_{002}^{(20)}m_{300}^{(22)}m_{130}^{(11)}-m_{002}^{(20)}m_{300}^{(22)}m_{040}^{(10)}-m_{002}^{(20)}m_{210}^{(00)}m_{031}^{(21)}+m_{002}^{(20)}m_{210}^{(00)}m_{022}^{(11)}\\
&-3m_{002}^{(20)}m_{210}^{(10)}m_{121}^{(21)}+2m_{002}^{(20)}m_{210}^{(10)}m_{112}^{(11)}+2m_{002}^{(20)}m_{210}^{(10)}m_{031}^{(20)}-m_{002}^{(20)}m_{210}^{(10)}m_{022}^{(10)}\\
&-2m_{002}^{(20)}m_{210}^{(11)}m_{211}^{(21)}+4m_{002}^{(20)}m_{210}^{(11)}m_{121}^{(20)}-2m_{002}^{(20)}m_{210}^{(11)}m_{112}^{(10)}+3m_{002}^{(20)}m_{210}^{(20)}m_{130}^{(21)}\\
&-2m_{002}^{(20)}m_{210}^{(20)}m_{121}^{(11)}-m_{002}^{(20)}m_{210}^{(20)}m_{031}^{(10)}+3m_{002}^{(20)}m_{210}^{(21)}m_{220}^{(21)}+2m_{002}^{(20)}m_{210}^{(21)}m_{211}^{(11)}\\
&-6m_{002}^{(20)}m_{210}^{(21)}m_{130}^{(20)}+m_{002}^{(20)}m_{210}^{(21)}m_{121}^{(10)}-3m_{002}^{(20)}m_{210}^{(22)}m_{220}^{(11)}+3m_{002}^{(20)}m_{210}^{(22)}m_{130}^{(10)}\\
&+m_{002}^{(20)}m_{201}^{(00)}m_{040}^{(21)}-m_{002}^{(20)}m_{201}^{(00)}m_{031}^{(11)}+m_{002}^{(20)}m_{201}^{(10)}m_{121}^{(11)}-2m_{002}^{(20)}m_{201}^{(10)}m_{040}^{(20)}\\
&+m_{002}^{(20)}m_{201}^{(10)}m_{031}^{(10)}-m_{002}^{(20)}m_{201}^{(11)}m_{220}^{(21)}+2m_{002}^{(20)}m_{201}^{(11)}m_{130}^{(20)}-m_{002}^{(20)}m_{201}^{(11)}m_{121}^{(10)}\\
&-m_{002}^{(20)}m_{201}^{(20)}m_{130}^{(11)}+m_{002}^{(20)}m_{201}^{(20)}m_{040}^{(10)}+m_{002}^{(20)}m_{201}^{(21)}m_{220}^{(11)}-m_{002}^{(20)}m_{201}^{(21)}m_{130}^{(10)}\\
&+2m_{002}^{(20)}m_{120}^{(00)}m_{121}^{(21)}-2m_{002}^{(20)}m_{120}^{(00)}m_{112}^{(11)}+3m_{002}^{(20)}m_{120}^{(10)}m_{211}^{(21)}-m_{002}^{(20)}m_{120}^{(10)}m_{202}^{(11)}\\
&-4m_{002}^{(20)}m_{120}^{(10)}m_{121}^{(20)}+2m_{002}^{(20)}m_{120}^{(10)}m_{112}^{(10)}+m_{002}^{(20)}m_{120}^{(11)}m_{301}^{(21)}-2m_{002}^{(20)}m_{120}^{(11)}m_{211}^{(20)}\\
&+m_{002}^{(20)}m_{120}^{(11)}m_{202}^{(10)}-3m_{002}^{(20)}m_{120}^{(20)}m_{220}^{(21)}+m_{002}^{(20)}m_{120}^{(20)}m_{211}^{(11)}+2m_{002}^{(20)}m_{120}^{(20)}m_{121}^{(10)}\\
&-3m_{002}^{(20)}m_{120}^{(21)}m_{310}^{(21)}-m_{002}^{(20)}m_{120}^{(21)}m_{301}^{(11)}+6m_{002}^{(20)}m_{120}^{(21)}m_{220}^{(20)}-2m_{002}^{(20)}m_{120}^{(21)}m_{211}^{(10)}\\
&+3m_{002}^{(20)}m_{120}^{(22)}m_{310}^{(11)}-3m_{002}^{(20)}m_{120}^{(22)}m_{220}^{(10)}-2m_{002}^{(20)}m_{111}^{(00)}m_{130}^{(21)}+2m_{002}^{(20)}m_{111}^{(00)}m_{121}^{(11)}\\
&-2m_{002}^{(20)}m_{111}^{(10)}m_{211}^{(11)}+4m_{002}^{(20)}m_{111}^{(10)}m_{130}^{(20)}-2m_{002}^{(20)}m_{111}^{(10)}m_{121}^{(10)}+2m_{002}^{(20)}m_{111}^{(11)}m_{310}^{(21)}\\
&-4m_{002}^{(20)}m_{111}^{(11)}m_{220}^{(20)}+2m_{002}^{(20)}m_{111}^{(11)}m_{211}^{(10)}+2m_{002}^{(20)}m_{111}^{(20)}m_{220}^{(11)}-2m_{002}^{(20)}m_{111}^{(20)}m_{130}^{(10)}\\
&-2m_{002}^{(20)}m_{111}^{(21)}m_{310}^{(11)}+2m_{002}^{(20)}m_{111}^{(21)}m_{220}^{(10)}-m_{002}^{(20)}m_{030}^{(00)}m_{211}^{(21)}+m_{002}^{(20)}m_{030}^{(00)}m_{202}^{(11)}\\
&-m_{002}^{(20)}m_{030}^{(10)}m_{301}^{(21)}+2m_{002}^{(20)}m_{030}^{(10)}m_{211}^{(20)}-m_{002}^{(20)}m_{030}^{(10)}m_{202}^{(10)}+m_{002}^{(20)}m_{030}^{(20)}m_{310}^{(21)}\\
&-m_{002}^{(20)}m_{030}^{(20)}m_{211}^{(10)}+m_{002}^{(20)}m_{030}^{(21)}m_{400}^{(21)}-2m_{002}^{(20)}m_{030}^{(21)}m_{310}^{(20)}+m_{002}^{(20)}m_{030}^{(21)}m_{301}^{(10)}\\
&-m_{002}^{(20)}m_{030}^{(22)}m_{400}^{(11)}+m_{002}^{(20)}m_{030}^{(22)}m_{310}^{(10)}+m_{002}^{(20)}m_{021}^{(00)}m_{220}^{(21)}-m_{002}^{(20)}m_{021}^{(00)}m_{211}^{(11)}\\
&+m_{002}^{(20)}m_{021}^{(10)}m_{301}^{(11)}-2m_{002}^{(20)}m_{021}^{(10)}m_{220}^{(20)}+m_{002}^{(20)}m_{021}^{(10)}m_{211}^{(10)}-m_{002}^{(20)}m_{021}^{(11)}m_{400}^{(21)}\\
&+2m_{002}^{(20)}m_{021}^{(11)}m_{310}^{(20)}-m_{002}^{(20)}m_{021}^{(11)}m_{301}^{(10)}-m_{002}^{(20)}m_{021}^{(20)}m_{310}^{(11)}+m_{002}^{(20)}m_{021}^{(20)}m_{220}^{(10)}
\end{aligned}
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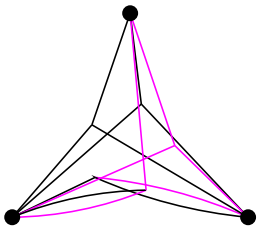
$$+m_{002}^{(20)}m_{021}^{(21)}m_{400}^{(11)} - m_{002}^{(20)}m_{021}^{(21)}m_{310}^{(10)} - 2m_{002}^{(21)}m_{300}^{(10)}m_{121}^{(21)} + m_{002}^{(21)}m_{300}^{(10)}m_{031}^{(20)}$$
$$+m_{002}^{(21)}m_{300}^{(10)}m_{022}^{(10)} + m_{002}^{(21)}m_{300}^{(11)}m_{121}^{(20)} - m_{002}^{(21)}m_{300}^{(11)}m_{022}^{(00)} + 2m_{002}^{(21)}m_{300}^{(20)}m_{130}^{(21)}$$
$$-m_{002}^{(21)}m_{300}^{(20)}m_{040}^{(20)} - m_{002}^{(21)}m_{300}^{(20)}m_{031}^{(10)} - m_{002}^{(21)}m_{300}^{(21)}m_{130}^{(20)} + m_{002}^{(21)}m_{300}^{(21)}m_{121}^{(10)}$$
$$-m_{002}^{(21)}m_{300}^{(22)}m_{130}^{(10)} + m_{002}^{(21)}m_{300}^{(22)}m_{040}^{(00)} + 2m_{002}^{(21)}m_{210}^{(00)}m_{121}^{(21)} - m_{002}^{(21)}m_{210}^{(00)}m_{031}^{(20)}$$
$$-m_{002}^{(21)}m_{210}^{(00)}m_{022}^{(10)} + 4m_{002}^{(21)}m_{210}^{(10)}m_{211}^{(21)} - 3m_{002}^{(21)}m_{210}^{(10)}m_{121}^{(20)} - 2m_{002}^{(21)}m_{210}^{(10)}m_{112}^{(10)}$$
$$+m_{002}^{(21)}m_{210}^{(10)}m_{022}^{(00)} - 2m_{002}^{(21)}m_{210}^{(11)}m_{211}^{(20)} + 2m_{002}^{(21)}m_{210}^{(11)}m_{112}^{(00)} - 6m_{002}^{(21)}m_{210}^{(20)}m_{220}^{(21)}$$
$$+3m_{002}^{(21)}m_{210}^{(20)}m_{130}^{(20)} + 2m_{002}^{(21)}m_{210}^{(20)}m_{121}^{(10)} + m_{002}^{(21)}m_{210}^{(20)}m_{031}^{(00)} + 3m_{002}^{(21)}m_{210}^{(21)}m_{220}^{(20)}$$
$$-2m_{002}^{(21)}m_{210}^{(21)}m_{211}^{(10)} - m_{002}^{(21)}m_{210}^{(21)}m_{121}^{(00)} + 3m_{002}^{(21)}m_{210}^{(22)}m_{220}^{(10)} - 3m_{002}^{(21)}m_{210}^{(22)}m_{130}^{(00)}$$
$$-2m_{002}^{(21)}m_{201}^{(00)}m_{130}^{(21)} + m_{002}^{(21)}m_{201}^{(00)}m_{040}^{(20)} + m_{002}^{(21)}m_{201}^{(00)}m_{031}^{(10)} + 2m_{002}^{(21)}m_{201}^{(10)}m_{220}^{(21)}$$
$$-m_{002}^{(21)}m_{201}^{(10)}m_{121}^{(10)} - m_{002}^{(21)}m_{201}^{(10)}m_{031}^{(00)} - m_{002}^{(21)}m_{201}^{(11)}m_{220}^{(20)} + m_{002}^{(21)}m_{201}^{(11)}m_{121}^{(00)}$$
$$+m_{002}^{(21)}m_{201}^{(20)}m_{130}^{(10)} - m_{002}^{(21)}m_{201}^{(20)}m_{040}^{(00)} - m_{002}^{(21)}m_{201}^{(21)}m_{220}^{(10)} + m_{002}^{(21)}m_{201}^{(21)}m_{130}^{(00)}$$
$$-4m_{002}^{(21)}m_{120}^{(00)}m_{211}^{(21)} + 2m_{002}^{(21)}m_{120}^{(00)}m_{121}^{(20)} + 2m_{002}^{(21)}m_{120}^{(00)}m_{112}^{(10)} - 2m_{002}^{(21)}m_{120}^{(10)}m_{301}^{(21)}$$
$$+3m_{002}^{(21)}m_{120}^{(10)}m_{211}^{(20)} + m_{002}^{(21)}m_{120}^{(10)}m_{202}^{(10)} - 2m_{002}^{(21)}m_{120}^{(10)}m_{112}^{(00)} + m_{002}^{(21)}m_{120}^{(11)}m_{301}^{(20)}$$
$$-m_{002}^{(21)}m_{120}^{(11)}m_{202}^{(00)} + 6m_{002}^{(21)}m_{120}^{(20)}m_{310}^{(21)} - 3m_{002}^{(21)}m_{120}^{(20)}m_{220}^{(20)} - m_{002}^{(21)}m_{120}^{(20)}m_{211}^{(10)}$$
$$-2m_{002}^{(21)}m_{120}^{(20)}m_{121}^{(00)} - 3m_{002}^{(21)}m_{120}^{(21)}m_{310}^{(20)} + m_{002}^{(21)}m_{120}^{(21)}m_{301}^{(10)} + 2m_{002}^{(21)}m_{120}^{(21)}m_{211}^{(00)}$$
$$-3m_{002}^{(21)}m_{120}^{(22)}m_{310}^{(10)} + 3m_{002}^{(21)}m_{120}^{(22)}m_{220}^{(00)} + 4m_{002}^{(21)}m_{111}^{(00)}m_{220}^{(21)} - 2m_{002}^{(21)}m_{111}^{(00)}m_{130}^{(20)}$$
$$-2m_{002}^{(21)}m_{111}^{(00)}m_{121}^{(10)} - 4m_{002}^{(21)}m_{111}^{(10)}m_{310}^{(21)} + 2m_{002}^{(21)}m_{111}^{(10)}m_{211}^{(10)} + 2m_{002}^{(21)}m_{111}^{(10)}m_{121}^{(00)}$$
$$+2m_{002}^{(21)}m_{111}^{(11)}m_{310}^{(20)} - 2m_{002}^{(21)}m_{111}^{(11)}m_{211}^{(00)} - 2m_{002}^{(21)}m_{111}^{(20)}m_{220}^{(10)} + 2m_{002}^{(21)}m_{111}^{(20)}m_{130}^{(00)}$$
$$+2m_{002}^{(21)}m_{111}^{(21)}m_{310}^{(10)} - 2m_{002}^{(21)}m_{111}^{(21)}m_{220}^{(00)} + 2m_{002}^{(21)}m_{030}^{(00)}m_{301}^{(21)} - m_{002}^{(21)}m_{030}^{(00)}m_{211}^{(20)}$$
$$-m_{002}^{(21)}m_{030}^{(00)}m_{202}^{(10)} - m_{002}^{(21)}m_{030}^{(10)}m_{301}^{(20)} + m_{002}^{(21)}m_{030}^{(10)}m_{202}^{(00)} - 2m_{002}^{(21)}m_{030}^{(20)}m_{400}^{(21)}$$
$$+m_{002}^{(21)}m_{030}^{(20)}m_{310}^{(20)} + m_{002}^{(21)}m_{030}^{(20)}m_{211}^{(00)} + m_{002}^{(21)}m_{030}^{(21)}m_{400}^{(20)} - m_{002}^{(21)}m_{030}^{(21)}m_{301}^{(00)}$$
$$+m_{002}^{(21)}m_{030}^{(22)}m_{400}^{(10)} - m_{002}^{(21)}m_{030}^{(22)}m_{310}^{(00)} - 2m_{002}^{(21)}m_{021}^{(00)}m_{310}^{(21)} + m_{002}^{(21)}m_{021}^{(00)}m_{220}^{(20)}$$
$$+m_{002}^{(21)}m_{021}^{(00)}m_{211}^{(10)} + 2m_{002}^{(21)}m_{021}^{(10)}m_{400}^{(21)} - m_{002}^{(21)}m_{021}^{(10)}m_{301}^{(10)} - m_{002}^{(21)}m_{021}^{(10)}m_{211}^{(00)}$$
$$-m_{002}^{(21)}m_{021}^{(11)}m_{400}^{(20)} + m_{002}^{(21)}m_{021}^{(11)}m_{301}^{(00)} + m_{002}^{(21)}m_{021}^{(20)}m_{310}^{(10)} - m_{002}^{(21)}m_{021}^{(20)}m_{220}^{(00)}$$
$$-m_{002}^{(21)}m_{021}^{(21)}m_{400}^{(10)} + m_{002}^{(21)}m_{021}^{(21)}m_{310}^{(00)} + m_{002}^{(22)}m_{300}^{(10)}m_{121}^{(11)} - m_{002}^{(22)}m_{300}^{(10)}m_{031}^{(10)}$$
$$-m_{002}^{(22)}m_{300}^{(11)}m_{121}^{(10)} + m_{002}^{(22)}m_{300}^{(11)}m_{031}^{(00)} - m_{002}^{(22)}m_{300}^{(20)}m_{130}^{(11)} + m_{002}^{(22)}m_{300}^{(20)}m_{040}^{(10)}$$
$$+m_{002}^{(22)}m_{300}^{(21)}m_{130}^{(10)} - m_{002}^{(22)}m_{300}^{(21)}m_{040}^{(00)} - m_{002}^{(22)}m_{210}^{(00)}m_{121}^{(11)} + m_{002}^{(22)}m_{210}^{(00)}m_{031}^{(10)}$$
$$-2m_{002}^{(22)}m_{210}^{(10)}m_{211}^{(11)} + 3m_{002}^{(22)}m_{210}^{(10)}m_{121}^{(10)} - m_{002}^{(22)}m_{210}^{(10)}m_{031}^{(00)} + 2m_{002}^{(22)}m_{210}^{(11)}m_{211}^{(10)}$$
$$-2m_{002}^{(22)}m_{210}^{(11)}m_{121}^{(00)} + 3m_{002}^{(22)}m_{210}^{(20)}m_{220}^{(11)} - 3m_{002}^{(22)}m_{210}^{(20)}m_{130}^{(10)} - 3m_{002}^{(22)}m_{210}^{(21)}m_{220}^{(10)}$$
$$+3m_{002}^{(22)}m_{210}^{(21)}m_{130}^{(00)} + m_{002}^{(22)}m_{201}^{(00)}m_{130}^{(11)} - m_{002}^{(22)}m_{201}^{(00)}m_{040}^{(10)} - m_{002}^{(22)}m_{201}^{(10)}m_{220}^{(11)}$$
$$+m_{002}^{(22)}m_{201}^{(10)}m_{040}^{(00)} + m_{002}^{(22)}m_{201}^{(11)}m_{220}^{(10)} - m_{002}^{(22)}m_{201}^{(11)}m_{130}^{(00)} + 2m_{002}^{(22)}m_{120}^{(00)}m_{211}^{(11)}$$
$$-2m_{002}^{(22)}m_{120}^{(00)}m_{121}^{(10)} + m_{002}^{(22)}m_{120}^{(10)}m_{301}^{(11)} - 3m_{002}^{(22)}m_{120}^{(10)}m_{211}^{(10)} + 2m_{002}^{(22)}m_{120}^{(10)}m_{121}^{(00)}$$
$$-m_{002}^{(22)}m_{120}^{(11)}m_{301}^{(10)} + m_{002}^{(22)}m_{120}^{(11)}m_{211}^{(00)} - 3m_{002}^{(22)}m_{120}^{(20)}m_{310}^{(11)} + 3m_{002}^{(22)}m_{120}^{(20)}m_{220}^{(10)}$$
$$+3m_{002}^{(22)}m_{120}^{(21)}m_{310}^{(10)} - 3m_{002}^{(22)}m_{120}^{(21)}m_{220}^{(00)} - 2m_{002}^{(22)}m_{111}^{(00)}m_{220}^{(11)} + 2m_{002}^{(22)}m_{111}^{(00)}m_{130}^{(10)}$$
$$+2m_{002}^{(22)}m_{111}^{(10)}m_{310}^{(11)} - 2m_{002}^{(22)}m_{111}^{(10)}m_{130}^{(00)} - 2m_{002}^{(22)}m_{111}^{(11)}m_{310}^{(10)} + 2m_{002}^{(22)}m_{111}^{(11)}m_{220}^{(00)}$$
$$-m_{002}^{(22)}m_{030}^{(00)}m_{301}^{(11)} + m_{002}^{(22)}m_{030}^{(00)}m_{211}^{(10)} + m_{002}^{(22)}m_{030}^{(10)}m_{301}^{(10)} - m_{002}^{(22)}m_{030}^{(10)}m_{211}^{(00)}$$
$$+m_{002}^{(22)}m_{030}^{(20)}m_{400}^{(11)} - m_{002}^{(22)}m_{030}^{(20)}m_{310}^{(10)} - m_{002}^{(22)}m_{030}^{(21)}m_{400}^{(10)} + m_{002}^{(22)}m_{030}^{(21)}m_{310}^{(00)}$$
$$+m_{002}^{(22)}m_{021}^{(00)}m_{310}^{(11)} - m_{002}^{(22)}m_{021}^{(00)}m_{220}^{(10)} - m_{002}^{(22)}m_{021}^{(10)}m_{400}^{(11)} + m_{002}^{(22)}m_{021}^{(10)}m_{220}^{(00)}$$

$$+m_{002}^{(22)}m_{021}^{(11)}m_{400}^{(10)} - m_{002}^{(22)}m_{021}^{(11)}m_{310}^{(00)}$$

Generating graph:

$$\begin{array}{rrrrr} V1 & V1 & 1 & 1 & 1 \\ 1 & V2 & 2 & 2 & V3 \\ V2 & V3 & 3 & 3 & 3 \end{array}$$



$$\begin{aligned} T_{126} \;=\;& -m_{200}^{(00)} m_{120}^{(11)} m_{013}^{(22)} + m_{200}^{(00)} m_{120}^{(11)} m_{004}^{(21)} + m_{200}^{(00)} m_{120}^{(21)} m_{022}^{(22)} - m_{200}^{(00)} m_{120}^{(21)} m_{004}^{(11)} \\ & -m_{200}^{(00)} m_{120}^{(22)} m_{022}^{(21)} + m_{200}^{(00)} m_{120}^{(22)} m_{013}^{(11)} + 2m_{200}^{(00)} m_{111}^{(11)} m_{022}^{(22)} - 2m_{200}^{(00)} m_{111}^{(11)} m_{013}^{(21)} \\ & -2m_{200}^{(00)} m_{111}^{(21)} m_{031}^{(22)} + 2m_{200}^{(00)} m_{111}^{(21)} m_{013}^{(11)} + 2m_{200}^{(00)} m_{111}^{(22)} m_{031}^{(21)} - 2m_{200}^{(00)} m_{111}^{(22)} m_{022}^{(11)} \\ & -m_{200}^{(00)} m_{102}^{(11)} m_{031}^{(22)} + m_{200}^{(00)} m_{102}^{(11)} m_{022}^{(21)} + m_{200}^{(00)} m_{102}^{(21)} m_{040}^{(22)} - m_{200}^{(00)} m_{102}^{(21)} m_{022}^{(11)} \\ & -m_{200}^{(00)} m_{102}^{(22)} m_{040}^{(21)} + m_{200}^{(00)} m_{102}^{(22)} m_{031}^{(11)} + m_{200}^{(00)} m_{030}^{(11)} m_{103}^{(22)} - m_{200}^{(00)} m_{030}^{(11)} m_{004}^{(20)} \\ & -m_{200}^{(00)} m_{030}^{(21)} m_{112}^{(22)} - m_{200}^{(00)} m_{030}^{(21)} m_{103}^{(21)} + m_{200}^{(00)} m_{030}^{(21)} m_{013}^{(20)} + m_{200}^{(00)} m_{030}^{(21)} m_{004}^{(10)} \\ & +m_{200}^{(00)} m_{030}^{(22)} m_{112}^{(21)} - m_{200}^{(00)} m_{030}^{(22)} m_{013}^{(10)} - 2m_{200}^{(00)} m_{021}^{(11)} m_{112}^{(22)} - m_{200}^{(00)} m_{021}^{(11)} m_{103}^{(21)} \\ & +3m_{200}^{(00)} m_{021}^{(11)} m_{013}^{(20)} + 2m_{200}^{(00)} m_{021}^{(21)} m_{121}^{(22)} + 3m_{200}^{(00)} m_{021}^{(21)} m_{112}^{(21)} + m_{200}^{(00)} m_{021}^{(21)} m_{103}^{(11)} \\ & -3m_{200}^{(00)} m_{021}^{(21)} m_{022}^{(20)} - 3m_{200}^{(00)} m_{021}^{(21)} m_{013}^{(10)} - 2m_{200}^{(00)} m_{021}^{(22)} m_{121}^{(21)} - m_{200}^{(00)} m_{021}^{(22)} m_{112}^{(11)} \\ & +3m_{200}^{(00)} m_{021}^{(22)} m_{022}^{(10)} + m_{200}^{(00)} m_{012}^{(11)} m_{121}^{(22)} + 2m_{200}^{(00)} m_{012}^{(11)} m_{112}^{(21)} - 3m_{200}^{(00)} m_{012}^{(11)} m_{022}^{(20)} \\ & -m_{200}^{(00)} m_{012}^{(21)} m_{130}^{(22)} - 3m_{200}^{(00)} m_{012}^{(21)} m_{121}^{(21)} - 2m_{200}^{(00)} m_{012}^{(21)} m_{112}^{(11)} + 3m_{200}^{(00)} m_{012}^{(21)} m_{031}^{(20)} \\ & +3m_{200}^{(00)} m_{012}^{(21)} m_{022}^{(10)} + m_{200}^{(00)} m_{012}^{(22)} m_{130}^{(21)} + 2m_{200}^{(00)} m_{012}^{(22)} m_{121}^{(11)} - 3m_{200}^{(00)} m_{012}^{(22)} m_{031}^{(10)} \\ & -m_{200}^{(00)} m_{003}^{(11)} m_{121}^{(21)} + m_{200}^{(00)} m_{003}^{(11)} m_{031}^{(20)} + m_{200}^{(00)} m_{003}^{(21)} m_{130}^{(21)} + m_{200}^{(00)} m_{003}^{(21)} m_{121}^{(11)} \\ & -m_{200}^{(00)} m_{003}^{(21)} m_{040}^{(20)} - m_{200}^{(00)} m_{003}^{(21)} m_{031}^{(10)} - m_{200}^{(00)} m_{003}^{(22)} m_{130}^{(11)} + m_{200}^{(00)} m_{003}^{(22)} m_{040}^{(10)} \\ & +2m_{200}^{(10)} m_{120}^{(10)} m_{013}^{(22)} - 2m_{200}^{(10)} m_{120}^{(10)} m_{004}^{(21)} - m_{200}^{(10)} m_{120}^{(20)} m_{022}^{(22)} + m_{200}^{(10)} m_{120}^{(20)} m_{004}^{(11)} \\ & -m_{200}^{(10)} m_{120}^{(21)} m_{112}^{(22)} + m_{200}^{(10)} m_{120}^{(21)} m_{103}^{(21)} - m_{200}^{(10)} m_{120}^{(21)} m_{013}^{(20)} + m_{200}^{(10)} m_{120}^{(21)} m_{004}^{(10)} \\ & +m_{200}^{(10)} m_{120}^{(22)} m_{112}^{(21)} - m_{200}^{(10)} m_{120}^{(22)} m_{103}^{(11)} + m_{200}^{(10)} m_{120}^{(22)} m_{022}^{(20)} - m_{200}^{(10)} m_{120}^{(22)} m_{013}^{(10)} \\ & -4m_{200}^{(10)} m_{111}^{(10)} m_{022}^{(22)} + 4m_{200}^{(10)} m_{111}^{(10)} m_{013}^{(21)} + 2m_{200}^{(10)} m_{111}^{(20)} m_{031}^{(22)} - 2m_{200}^{(10)} m_{111}^{(20)} m_{013}^{(11)} \\ & +2m_{200}^{(10)} m_{111}^{(21)} m_{121}^{(22)} - 2m_{200}^{(10)} m_{111}^{(21)} m_{112}^{(21)} + 2m_{200}^{(10)} m_{111}^{(21)} m_{022}^{(20)} - 2m_{200}^{(10)} m_{111}^{(21)} m_{013}^{(10)} \\ & -2m_{200}^{(10)} m_{111}^{(22)} m_{121}^{(21)} + 2m_{200}^{(10)} m_{111}^{(22)} m_{112}^{(11)} - 2m_{200}^{(10)} m_{111}^{(22)} m_{031}^{(20)} + 2m_{200}^{(10)} m_{111}^{(22)} m_{022}^{(10)} \\ & +2m_{200}^{(10)} m_{102}^{(10)} m_{031}^{(22)} - 2m_{200}^{(10)} m_{102}^{(10)} m_{022}^{(21)} - m_{200}^{(10)} m_{102}^{(20)} m_{040}^{(22)} + m_{200}^{(10)} m_{102}^{(20)} m_{022}^{(11)} \\ & -m_{200}^{(10)} m_{102}^{(21)} m_{130}^{(22)} + m_{200}^{(10)} m_{102}^{(21)} m_{121}^{(21)} - m_{200}^{(10)} m_{102}^{(21)} m_{031}^{(20)} + m_{200}^{(10)} m_{102}^{(21)} m_{022}^{(10)} \end{aligned}$$

$$+m_{200}^{(10)}m_{102}^{(22)}m_{130}^{(21)}-m_{200}^{(10)}m_{102}^{(22)}m_{121}^{(11)}+m_{200}^{(10)}m_{102}^{(22)}m_{040}^{(20)}-m_{200}^{(10)}m_{102}^{(22)}m_{031}^{(10)}$$
$$-2m_{200}^{(10)}m_{030}^{(10)}m_{103}^{(22)}+2m_{200}^{(10)}m_{030}^{(10)}m_{004}^{(20)}+m_{200}^{(10)}m_{030}^{(20)}m_{112}^{(22)}+m_{200}^{(10)}m_{030}^{(20)}m_{103}^{(21)}$$
$$-m_{200}^{(10)}m_{030}^{(20)}m_{013}^{(20)}-m_{200}^{(10)}m_{030}^{(20)}m_{004}^{(10)}+m_{200}^{(10)}m_{030}^{(21)}m_{202}^{(22)}-m_{200}^{(10)}m_{030}^{(21)}m_{004}^{(00)}$$
$$-m_{200}^{(10)}m_{030}^{(22)}m_{202}^{(21)}-m_{200}^{(10)}m_{030}^{(22)}m_{112}^{(20)}+m_{200}^{(10)}m_{030}^{(22)}m_{103}^{(10)}+m_{200}^{(10)}m_{030}^{(22)}m_{013}^{(00)}$$
$$+4m_{200}^{(10)}m_{021}^{(10)}m_{112}^{(22)}+2m_{200}^{(10)}m_{021}^{(10)}m_{103}^{(21)}-6m_{200}^{(10)}m_{021}^{(10)}m_{013}^{(20)}-2m_{200}^{(10)}m_{021}^{(20)}m_{121}^{(22)}$$
$$-3m_{200}^{(10)}m_{021}^{(20)}m_{112}^{(21)}-m_{200}^{(10)}m_{021}^{(20)}m_{103}^{(11)}+3m_{200}^{(10)}m_{021}^{(20)}m_{022}^{(20)}+3m_{200}^{(10)}m_{021}^{(20)}m_{013}^{(10)}$$
$$-2m_{200}^{(10)}m_{021}^{(21)}m_{211}^{(22)}-m_{200}^{(10)}m_{021}^{(21)}m_{202}^{(21)}+m_{200}^{(10)}m_{021}^{(21)}m_{112}^{(20)}-m_{200}^{(10)}m_{021}^{(21)}m_{103}^{(10)}$$
$$+3m_{200}^{(10)}m_{021}^{(21)}m_{013}^{(00)}+2m_{200}^{(10)}m_{021}^{(22)}m_{211}^{(21)}+m_{200}^{(10)}m_{021}^{(22)}m_{202}^{(11)}+2m_{200}^{(10)}m_{021}^{(22)}m_{121}^{(20)}$$
$$-2m_{200}^{(10)}m_{021}^{(22)}m_{112}^{(10)}-3m_{200}^{(10)}m_{021}^{(22)}m_{022}^{(00)}-2m_{200}^{(10)}m_{012}^{(10)}m_{121}^{(22)}-4m_{200}^{(10)}m_{012}^{(10)}m_{112}^{(21)}$$
$$+6m_{200}^{(10)}m_{012}^{(10)}m_{022}^{(20)}+m_{200}^{(10)}m_{012}^{(20)}m_{130}^{(22)}+3m_{200}^{(10)}m_{012}^{(20)}m_{121}^{(21)}+2m_{200}^{(10)}m_{012}^{(20)}m_{112}^{(11)}$$
$$-3m_{200}^{(10)}m_{012}^{(20)}m_{031}^{(20)}-3m_{200}^{(10)}m_{012}^{(20)}m_{022}^{(10)}+m_{200}^{(10)}m_{012}^{(21)}m_{220}^{(22)}+2m_{200}^{(10)}m_{012}^{(21)}m_{211}^{(21)}$$
$$-2m_{200}^{(10)}m_{012}^{(21)}m_{121}^{(20)}+2m_{200}^{(10)}m_{012}^{(21)}m_{112}^{(10)}-3m_{200}^{(10)}m_{012}^{(21)}m_{022}^{(00)}-m_{200}^{(10)}m_{012}^{(22)}m_{220}^{(21)}$$
$$-2m_{200}^{(10)}m_{012}^{(22)}m_{211}^{(11)}-m_{200}^{(10)}m_{012}^{(22)}m_{130}^{(20)}+m_{200}^{(10)}m_{012}^{(22)}m_{121}^{(10)}+3m_{200}^{(10)}m_{012}^{(22)}m_{031}^{(00)}$$
$$+2m_{200}^{(10)}m_{003}^{(10)}m_{121}^{(21)}-2m_{200}^{(10)}m_{003}^{(10)}m_{031}^{(20)}-m_{200}^{(10)}m_{003}^{(20)}m_{130}^{(21)}-m_{200}^{(10)}m_{003}^{(20)}m_{121}^{(11)}$$
$$+m_{200}^{(10)}m_{003}^{(20)}m_{040}^{(20)}+m_{200}^{(10)}m_{003}^{(20)}m_{031}^{(10)}-m_{200}^{(10)}m_{003}^{(21)}m_{220}^{(21)}+m_{200}^{(10)}m_{003}^{(21)}m_{130}^{(20)}$$
$$-m_{200}^{(10)}m_{003}^{(21)}m_{121}^{(10)}+m_{200}^{(10)}m_{003}^{(21)}m_{031}^{(00)}+m_{200}^{(10)}m_{003}^{(22)}m_{220}^{(11)}-m_{200}^{(10)}m_{003}^{(22)}m_{040}^{(00)}$$
$$-m_{200}^{(11)}m_{120}^{(00)}m_{013}^{(22)}+m_{200}^{(11)}m_{120}^{(00)}m_{004}^{(21)}+m_{200}^{(11)}m_{120}^{(20)}m_{112}^{(22)}-m_{200}^{(11)}m_{120}^{(20)}m_{103}^{(21)}$$
$$+m_{200}^{(11)}m_{120}^{(20)}m_{013}^{(20)}-m_{200}^{(11)}m_{120}^{(20)}m_{004}^{(10)}-m_{200}^{(11)}m_{120}^{(22)}m_{112}^{(20)}+m_{200}^{(11)}m_{120}^{(22)}m_{103}^{(10)}$$
$$+2m_{200}^{(11)}m_{111}^{(00)}m_{022}^{(22)}-2m_{200}^{(11)}m_{111}^{(00)}m_{013}^{(21)}-2m_{200}^{(11)}m_{111}^{(20)}m_{121}^{(22)}+2m_{200}^{(11)}m_{111}^{(20)}m_{112}^{(21)}$$
$$-2m_{200}^{(11)}m_{111}^{(20)}m_{022}^{(20)}+2m_{200}^{(11)}m_{111}^{(20)}m_{013}^{(10)}+2m_{200}^{(11)}m_{111}^{(22)}m_{121}^{(20)}-2m_{200}^{(11)}m_{111}^{(22)}m_{112}^{(10)}$$
$$-m_{200}^{(11)}m_{102}^{(00)}m_{031}^{(22)}+m_{200}^{(11)}m_{102}^{(00)}m_{022}^{(21)}+m_{200}^{(11)}m_{102}^{(20)}m_{130}^{(22)}-m_{200}^{(11)}m_{102}^{(20)}m_{121}^{(21)}$$
$$+m_{200}^{(11)}m_{102}^{(20)}m_{031}^{(20)}-m_{200}^{(11)}m_{102}^{(20)}m_{022}^{(10)}-m_{200}^{(11)}m_{102}^{(22)}m_{130}^{(20)}+m_{200}^{(11)}m_{102}^{(22)}m_{121}^{(10)}$$
$$+m_{200}^{(11)}m_{030}^{(00)}m_{103}^{(22)}-m_{200}^{(11)}m_{030}^{(00)}m_{004}^{(20)}-m_{200}^{(11)}m_{030}^{(20)}m_{202}^{(22)}+m_{200}^{(11)}m_{030}^{(20)}m_{004}^{(00)}$$
$$+m_{200}^{(11)}m_{030}^{(22)}m_{202}^{(20)}-m_{200}^{(11)}m_{030}^{(22)}m_{103}^{(00)}-2m_{200}^{(11)}m_{021}^{(00)}m_{112}^{(22)}-m_{200}^{(11)}m_{021}^{(00)}m_{103}^{(21)}$$
$$+3m_{200}^{(11)}m_{021}^{(00)}m_{013}^{(20)}+2m_{200}^{(11)}m_{021}^{(20)}m_{211}^{(22)}+m_{200}^{(11)}m_{021}^{(20)}m_{202}^{(21)}-m_{200}^{(11)}m_{021}^{(20)}m_{112}^{(20)}$$
$$+m_{200}^{(11)}m_{021}^{(20)}m_{103}^{(10)}-3m_{200}^{(11)}m_{021}^{(20)}m_{013}^{(00)}-2m_{200}^{(11)}m_{021}^{(22)}m_{211}^{(20)}-m_{200}^{(11)}m_{021}^{(22)}m_{202}^{(10)}$$
$$+3m_{200}^{(11)}m_{021}^{(22)}m_{112}^{(00)}+m_{200}^{(11)}m_{012}^{(00)}m_{121}^{(22)}+2m_{200}^{(11)}m_{012}^{(00)}m_{112}^{(21)}-3m_{200}^{(11)}m_{012}^{(20)}m_{022}^{(20)}$$
$$-m_{200}^{(11)}m_{012}^{(20)}m_{220}^{(22)}-2m_{200}^{(11)}m_{012}^{(20)}m_{211}^{(21)}+2m_{200}^{(11)}m_{012}^{(20)}m_{121}^{(20)}-2m_{200}^{(11)}m_{012}^{(20)}m_{112}^{(10)}$$
$$+3m_{200}^{(11)}m_{012}^{(20)}m_{022}^{(00)}+m_{200}^{(11)}m_{012}^{(22)}m_{220}^{(20)}+2m_{200}^{(11)}m_{012}^{(22)}m_{211}^{(10)}-3m_{200}^{(11)}m_{012}^{(22)}m_{121}^{(00)}$$
$$-m_{200}^{(11)}m_{003}^{(00)}m_{121}^{(21)}+m_{200}^{(11)}m_{003}^{(00)}m_{031}^{(20)}+m_{200}^{(11)}m_{003}^{(20)}m_{220}^{(21)}-m_{200}^{(11)}m_{003}^{(20)}m_{130}^{(20)}$$
$$+m_{200}^{(11)}m_{003}^{(20)}m_{121}^{(10)}-m_{200}^{(11)}m_{003}^{(20)}m_{031}^{(00)}-m_{200}^{(11)}m_{003}^{(22)}m_{220}^{(10)}+m_{200}^{(11)}m_{003}^{(22)}m_{130}^{(00)}$$
$$-m_{200}^{(20)}m_{120}^{(10)}m_{022}^{(22)}+m_{200}^{(20)}m_{120}^{(10)}m_{004}^{(11)}+m_{200}^{(20)}m_{120}^{(11)}m_{112}^{(22)}-m_{200}^{(20)}m_{120}^{(11)}m_{103}^{(21)}$$
$$+m_{200}^{(20)}m_{120}^{(11)}m_{013}^{(20)}-m_{200}^{(20)}m_{120}^{(11)}m_{004}^{(10)}+2m_{200}^{(20)}m_{120}^{(20)}m_{022}^{(21)}-2m_{200}^{(20)}m_{120}^{(20)}m_{013}^{(11)}$$
$$-m_{200}^{(20)}m_{120}^{(21)}m_{112}^{(21)}+m_{200}^{(20)}m_{120}^{(21)}m_{103}^{(11)}-m_{200}^{(20)}m_{120}^{(21)}m_{022}^{(20)}+m_{200}^{(20)}m_{120}^{(21)}m_{013}^{(10)}$$
$$+2m_{200}^{(20)}m_{111}^{(10)}m_{031}^{(22)}-2m_{200}^{(20)}m_{111}^{(10)}m_{013}^{(11)}-2m_{200}^{(20)}m_{111}^{(11)}m_{121}^{(22)}+2m_{200}^{(20)}m_{111}^{(11)}m_{112}^{(21)}$$
$$-2m_{200}^{(20)}m_{111}^{(11)}m_{022}^{(20)}+2m_{200}^{(20)}m_{111}^{(11)}m_{013}^{(10)}-4m_{200}^{(20)}m_{111}^{(20)}m_{031}^{(21)}+4m_{200}^{(20)}m_{111}^{(20)}m_{022}^{(11)}$$
$$+2m_{200}^{(20)}m_{111}^{(21)}m_{121}^{(21)}-2m_{200}^{(20)}m_{111}^{(21)}m_{112}^{(11)}+2m_{200}^{(20)}m_{111}^{(21)}m_{031}^{(20)}-2m_{200}^{(20)}m_{111}^{(21)}m_{022}^{(10)}$$
$$-m_{200}^{(20)}m_{102}^{(10)}m_{040}^{(22)}+m_{200}^{(20)}m_{102}^{(10)}m_{022}^{(11)}+m_{200}^{(20)}m_{102}^{(11)}m_{130}^{(22)}-m_{200}^{(20)}m_{102}^{(11)}m_{121}^{(21)}$$

$$
\begin{aligned}
&+m_{200}^{(20)}m_{102}^{(11)}m_{031}^{(20)} - m_{200}^{(20)}m_{102}^{(11)}m_{022}^{(10)} + 2m_{200}^{(20)}m_{102}^{(20)}m_{040}^{(21)} - 2m_{200}^{(20)}m_{102}^{(20)}m_{031}^{(11)}\\
&-m_{200}^{(20)}m_{102}^{(21)}m_{130}^{(21)} + m_{200}^{(20)}m_{102}^{(21)}m_{121}^{(11)} - m_{200}^{(20)}m_{102}^{(21)}m_{040}^{(20)} + m_{200}^{(20)}m_{102}^{(21)}m_{031}^{(10)}\\
&+m_{200}^{(20)}m_{030}^{(10)}m_{112}^{(22)} + m_{200}^{(20)}m_{030}^{(10)}m_{103}^{(21)} - m_{200}^{(20)}m_{030}^{(10)}m_{013}^{(20)} - m_{200}^{(20)}m_{030}^{(10)}m_{004}^{(10)}\\
&-m_{200}^{(20)}m_{030}^{(11)}m_{202}^{(22)} + m_{200}^{(20)}m_{030}^{(11)}m_{004}^{(00)} - 2m_{200}^{(20)}m_{030}^{(20)}m_{112}^{(21)} + 2m_{200}^{(20)}m_{030}^{(20)}m_{013}^{(10)}\\
&+m_{200}^{(20)}m_{030}^{(21)}m_{202}^{(21)} + m_{200}^{(20)}m_{030}^{(21)}m_{112}^{(20)} - m_{200}^{(20)}m_{030}^{(21)}m_{103}^{(10)} - m_{200}^{(20)}m_{030}^{(21)}m_{013}^{(00)}\\
&-2m_{200}^{(20)}m_{021}^{(10)}m_{121}^{(22)} - 3m_{200}^{(20)}m_{021}^{(10)}m_{112}^{(21)} - m_{200}^{(20)}m_{021}^{(10)}m_{103}^{(11)} + 3m_{200}^{(20)}m_{021}^{(10)}m_{022}^{(20)}\\
&+3m_{200}^{(20)}m_{021}^{(10)}m_{013}^{(10)} + 2m_{200}^{(20)}m_{021}^{(11)}m_{211}^{(22)} + m_{200}^{(20)}m_{021}^{(11)}m_{202}^{(21)} - m_{200}^{(20)}m_{021}^{(11)}m_{112}^{(20)}\\
&+m_{200}^{(20)}m_{021}^{(11)}m_{103}^{(10)} - 3m_{200}^{(20)}m_{021}^{(11)}m_{013}^{(00)} + 4m_{200}^{(20)}m_{021}^{(20)}m_{121}^{(21)} + 2m_{200}^{(20)}m_{021}^{(20)}m_{112}^{(11)}\\
&-6m_{200}^{(20)}m_{021}^{(20)}m_{022}^{(10)} - 2m_{200}^{(20)}m_{021}^{(21)}m_{211}^{(21)} - m_{200}^{(20)}m_{021}^{(21)}m_{202}^{(11)} - 2m_{200}^{(20)}m_{021}^{(21)}m_{121}^{(20)}\\
&+2m_{200}^{(20)}m_{021}^{(21)}m_{112}^{(10)} + 3m_{200}^{(20)}m_{021}^{(21)}m_{022}^{(00)} + m_{200}^{(20)}m_{012}^{(10)}m_{130}^{(22)} + 3m_{200}^{(20)}m_{012}^{(10)}m_{121}^{(21)}\\
&+2m_{200}^{(20)}m_{012}^{(10)}m_{112}^{(11)} - 3m_{200}^{(20)}m_{012}^{(10)}m_{031}^{(20)} - 3m_{200}^{(20)}m_{012}^{(10)}m_{022}^{(10)} - m_{200}^{(20)}m_{012}^{(11)}m_{220}^{(22)}\\
&-2m_{200}^{(20)}m_{012}^{(11)}m_{211}^{(21)} + 2m_{200}^{(20)}m_{012}^{(11)}m_{121}^{(20)} - 2m_{200}^{(20)}m_{012}^{(11)}m_{112}^{(10)} + 3m_{200}^{(20)}m_{012}^{(11)}m_{022}^{(00)}\\
&-2m_{200}^{(20)}m_{012}^{(20)}m_{130}^{(21)} - 4m_{200}^{(20)}m_{012}^{(20)}m_{121}^{(11)} + 6m_{200}^{(20)}m_{012}^{(20)}m_{031}^{(10)} + m_{200}^{(20)}m_{012}^{(21)}m_{220}^{(21)}\\
&+2m_{200}^{(20)}m_{012}^{(21)}m_{211}^{(11)} + m_{200}^{(20)}m_{012}^{(21)}m_{130}^{(20)} - m_{200}^{(20)}m_{012}^{(21)}m_{121}^{(10)} - 3m_{200}^{(20)}m_{012}^{(21)}m_{031}^{(00)}\\
&-m_{200}^{(20)}m_{003}^{(10)}m_{130}^{(21)} - m_{200}^{(20)}m_{003}^{(10)}m_{121}^{(11)} + m_{200}^{(20)}m_{003}^{(10)}m_{040}^{(20)} + m_{200}^{(20)}m_{003}^{(10)}m_{031}^{(10)}\\
&+m_{200}^{(20)}m_{003}^{(11)}m_{220}^{(21)} - m_{200}^{(20)}m_{003}^{(11)}m_{130}^{(20)} + m_{200}^{(20)}m_{003}^{(11)}m_{121}^{(10)} - m_{200}^{(20)}m_{003}^{(11)}m_{031}^{(00)}\\
&+2m_{200}^{(20)}m_{003}^{(20)}m_{130}^{(11)} - 2m_{200}^{(20)}m_{003}^{(20)}m_{040}^{(10)} - m_{200}^{(20)}m_{003}^{(21)}m_{220}^{(11)} + m_{200}^{(20)}m_{003}^{(21)}m_{040}^{(00)}\\
&+m_{200}^{(21)}m_{120}^{(00)}m_{022}^{(22)} - m_{200}^{(21)}m_{120}^{(00)}m_{004}^{(11)} - m_{200}^{(21)}m_{120}^{(10)}m_{112}^{(22)} + m_{200}^{(21)}m_{120}^{(10)}m_{103}^{(21)}\\
&-m_{200}^{(21)}m_{120}^{(10)}m_{013}^{(20)} + m_{200}^{(21)}m_{120}^{(10)}m_{004}^{(10)} - m_{200}^{(21)}m_{120}^{(20)}m_{112}^{(21)} + m_{200}^{(21)}m_{120}^{(20)}m_{103}^{(11)}\\
&-m_{200}^{(21)}m_{120}^{(20)}m_{022}^{(20)} + m_{200}^{(21)}m_{120}^{(20)}m_{013}^{(10)} + 2m_{200}^{(21)}m_{120}^{(21)}m_{112}^{(20)} - 2m_{200}^{(21)}m_{120}^{(21)}m_{103}^{(10)}\\
&-2m_{200}^{(21)}m_{111}^{(00)}m_{031}^{(22)} + 2m_{200}^{(21)}m_{111}^{(00)}m_{013}^{(11)} + 2m_{200}^{(21)}m_{111}^{(10)}m_{121}^{(22)} - 2m_{200}^{(21)}m_{111}^{(10)}m_{112}^{(21)}\\
&+2m_{200}^{(21)}m_{111}^{(10)}m_{022}^{(20)} - 2m_{200}^{(21)}m_{111}^{(10)}m_{013}^{(10)} + 2m_{200}^{(21)}m_{111}^{(20)}m_{121}^{(21)} - 2m_{200}^{(21)}m_{111}^{(20)}m_{112}^{(11)}\\
&+2m_{200}^{(21)}m_{111}^{(20)}m_{031}^{(20)} - 2m_{200}^{(21)}m_{111}^{(20)}m_{022}^{(10)} - 4m_{200}^{(21)}m_{111}^{(21)}m_{121}^{(20)} + 4m_{200}^{(21)}m_{111}^{(21)}m_{112}^{(10)}\\
&+m_{200}^{(21)}m_{102}^{(00)}m_{040}^{(22)} - m_{200}^{(21)}m_{102}^{(00)}m_{022}^{(11)} - m_{200}^{(21)}m_{102}^{(10)}m_{130}^{(22)} + m_{200}^{(21)}m_{102}^{(10)}m_{121}^{(21)}\\
&-m_{200}^{(21)}m_{102}^{(10)}m_{031}^{(20)} + m_{200}^{(21)}m_{102}^{(10)}m_{022}^{(10)} - m_{200}^{(21)}m_{102}^{(20)}m_{130}^{(21)} + m_{200}^{(21)}m_{102}^{(20)}m_{121}^{(11)}\\
&-m_{200}^{(21)}m_{102}^{(20)}m_{040}^{(20)} + m_{200}^{(21)}m_{102}^{(20)}m_{031}^{(10)} + 2m_{200}^{(21)}m_{102}^{(21)}m_{130}^{(20)} - 2m_{200}^{(21)}m_{102}^{(21)}m_{121}^{(10)}\\
&-m_{200}^{(21)}m_{030}^{(00)}m_{112}^{(22)} - m_{200}^{(21)}m_{030}^{(00)}m_{103}^{(21)} + m_{200}^{(21)}m_{030}^{(00)}m_{013}^{(20)} + m_{200}^{(21)}m_{030}^{(00)}m_{004}^{(10)}\\
&+m_{200}^{(21)}m_{030}^{(10)}m_{202}^{(22)} - m_{200}^{(21)}m_{030}^{(10)}m_{004}^{(00)} + m_{200}^{(21)}m_{030}^{(20)}m_{202}^{(21)} + m_{200}^{(21)}m_{030}^{(20)}m_{112}^{(20)}\\
&-m_{200}^{(21)}m_{030}^{(20)}m_{103}^{(10)} - m_{200}^{(21)}m_{030}^{(20)}m_{013}^{(00)} - 2m_{200}^{(21)}m_{030}^{(21)}m_{202}^{(20)} + 2m_{200}^{(21)}m_{030}^{(21)}m_{103}^{(00)}\\
&+2m_{200}^{(21)}m_{021}^{(00)}m_{121}^{(22)} + 3m_{200}^{(21)}m_{021}^{(00)}m_{112}^{(21)} + m_{200}^{(21)}m_{021}^{(00)}m_{103}^{(11)} - 3m_{200}^{(21)}m_{021}^{(00)}m_{022}^{(20)}\\
&-3m_{200}^{(21)}m_{021}^{(00)}m_{013}^{(10)} - 2m_{200}^{(21)}m_{021}^{(10)}m_{211}^{(22)} - m_{200}^{(21)}m_{021}^{(10)}m_{202}^{(21)} + m_{200}^{(21)}m_{021}^{(10)}m_{112}^{(20)}\\
&-m_{200}^{(21)}m_{021}^{(10)}m_{103}^{(10)} + 3m_{200}^{(21)}m_{021}^{(10)}m_{013}^{(00)} - 2m_{200}^{(21)}m_{021}^{(20)}m_{211}^{(21)} - m_{200}^{(21)}m_{021}^{(20)}m_{202}^{(11)}\\
&-2m_{200}^{(21)}m_{021}^{(20)}m_{121}^{(20)} + 2m_{200}^{(21)}m_{021}^{(20)}m_{112}^{(10)} + 3m_{200}^{(21)}m_{021}^{(20)}m_{022}^{(00)} + 4m_{200}^{(21)}m_{021}^{(21)}m_{211}^{(20)}\\
&+2m_{200}^{(21)}m_{021}^{(21)}m_{202}^{(10)} - 6m_{200}^{(21)}m_{021}^{(21)}m_{112}^{(00)} - m_{200}^{(21)}m_{012}^{(00)}m_{130}^{(22)} - 3m_{200}^{(21)}m_{012}^{(00)}m_{121}^{(21)}\\
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&+2m_{200}^{(21)}m_{012}^{(10)}m_{211}^{(21)} - 2m_{200}^{(21)}m_{012}^{(10)}m_{121}^{(20)} + 2m_{200}^{(21)}m_{012}^{(10)}m_{112}^{(10)} - 3m_{200}^{(21)}m_{012}^{(10)}m_{022}^{(00)}\\
&+m_{200}^{(21)}m_{012}^{(20)}m_{220}^{(21)} + 2m_{200}^{(21)}m_{012}^{(20)}m_{211}^{(11)} + m_{200}^{(21)}m_{012}^{(20)}m_{130}^{(20)} - m_{200}^{(21)}m_{012}^{(20)}m_{121}^{(10)}\\
&-3m_{200}^{(21)}m_{012}^{(20)}m_{031}^{(00)} - 2m_{200}^{(21)}m_{012}^{(21)}m_{220}^{(20)} - 4m_{200}^{(21)}m_{012}^{(21)}m_{211}^{(10)} + 6m_{200}^{(21)}m_{012}^{(21)}m_{121}^{(00)}
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\begin{aligned}
&+m_{200}^{(21)}m_{003}^{(00)}m_{130}^{(21)}+m_{200}^{(21)}m_{003}^{(00)}m_{121}^{(11)}-m_{200}^{(21)}m_{003}^{(00)}m_{040}^{(20)}-m_{200}^{(21)}m_{003}^{(00)}m_{031}^{(10)}\\
&-m_{200}^{(21)}m_{003}^{(10)}m_{220}^{(21)}+m_{200}^{(21)}m_{003}^{(10)}m_{130}^{(20)}-m_{200}^{(21)}m_{003}^{(10)}m_{121}^{(10)}+m_{200}^{(21)}m_{003}^{(10)}m_{031}^{(00)}\\
&-m_{200}^{(21)}m_{003}^{(20)}m_{220}^{(11)}+m_{200}^{(21)}m_{003}^{(20)}m_{040}^{(00)}+2m_{200}^{(21)}m_{003}^{(21)}m_{220}^{(10)}-2m_{200}^{(21)}m_{003}^{(21)}m_{130}^{(00)}\\
&-m_{200}^{(22)}m_{120}^{(00)}m_{022}^{(21)}+m_{200}^{(22)}m_{120}^{(00)}m_{013}^{(11)}+m_{200}^{(22)}m_{120}^{(10)}m_{112}^{(21)}-m_{200}^{(22)}m_{120}^{(10)}m_{103}^{(11)}\\
&+m_{200}^{(22)}m_{120}^{(10)}m_{022}^{(20)}-m_{200}^{(22)}m_{120}^{(10)}m_{013}^{(10)}-m_{200}^{(22)}m_{120}^{(11)}m_{112}^{(20)}+m_{200}^{(22)}m_{120}^{(11)}m_{103}^{(10)}\\
&+2m_{200}^{(22)}m_{111}^{(00)}m_{031}^{(21)}-2m_{200}^{(22)}m_{111}^{(00)}m_{022}^{(11)}-2m_{200}^{(22)}m_{111}^{(10)}m_{121}^{(21)}+2m_{200}^{(22)}m_{111}^{(10)}m_{112}^{(11)}\\
&-2m_{200}^{(22)}m_{111}^{(10)}m_{031}^{(20)}+2m_{200}^{(22)}m_{111}^{(10)}m_{022}^{(10)}+2m_{200}^{(22)}m_{111}^{(11)}m_{121}^{(20)}-2m_{200}^{(22)}m_{111}^{(11)}m_{112}^{(10)}\\
&-m_{200}^{(22)}m_{102}^{(00)}m_{040}^{(21)}+m_{200}^{(22)}m_{102}^{(00)}m_{031}^{(11)}+m_{200}^{(22)}m_{102}^{(10)}m_{130}^{(21)}-m_{200}^{(22)}m_{102}^{(10)}m_{121}^{(11)}\\
&+m_{200}^{(22)}m_{102}^{(10)}m_{040}^{(20)}-m_{200}^{(22)}m_{102}^{(10)}m_{031}^{(10)}-m_{200}^{(22)}m_{102}^{(11)}m_{130}^{(20)}+m_{200}^{(22)}m_{102}^{(11)}m_{121}^{(10)}\\
&+m_{200}^{(22)}m_{030}^{(00)}m_{112}^{(21)}-m_{200}^{(22)}m_{030}^{(00)}m_{013}^{(10)}-m_{200}^{(22)}m_{030}^{(10)}m_{202}^{(21)}-m_{200}^{(22)}m_{030}^{(10)}m_{112}^{(20)}\\
&+m_{200}^{(22)}m_{030}^{(10)}m_{103}^{(10)}+m_{200}^{(22)}m_{030}^{(10)}m_{013}^{(00)}+m_{200}^{(22)}m_{030}^{(11)}m_{202}^{(20)}-m_{200}^{(22)}m_{030}^{(11)}m_{103}^{(00)}\\
&-2m_{200}^{(22)}m_{021}^{(00)}m_{121}^{(21)}-m_{200}^{(22)}m_{021}^{(00)}m_{112}^{(11)}+3m_{200}^{(22)}m_{021}^{(00)}m_{022}^{(10)}+2m_{200}^{(22)}m_{021}^{(10)}m_{211}^{(21)}\\
&+m_{200}^{(22)}m_{021}^{(10)}m_{202}^{(11)}+2m_{200}^{(22)}m_{021}^{(10)}m_{121}^{(20)}-2m_{200}^{(22)}m_{021}^{(10)}m_{112}^{(10)}-3m_{200}^{(22)}m_{021}^{(10)}m_{022}^{(00)}\\
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&+2m_{200}^{(22)}m_{012}^{(00)}m_{121}^{(11)}-3m_{200}^{(22)}m_{012}^{(00)}m_{031}^{(10)}-m_{200}^{(22)}m_{012}^{(10)}m_{220}^{(21)}-2m_{200}^{(22)}m_{012}^{(10)}m_{211}^{(11)}\\
&-m_{200}^{(22)}m_{012}^{(10)}m_{130}^{(20)}+m_{200}^{(22)}m_{012}^{(10)}m_{121}^{(10)}+3m_{200}^{(22)}m_{012}^{(10)}m_{031}^{(00)}+m_{200}^{(22)}m_{012}^{(11)}m_{220}^{(20)}\\
&+2m_{200}^{(22)}m_{012}^{(11)}m_{211}^{(10)}-3m_{200}^{(22)}m_{012}^{(11)}m_{121}^{(00)}-m_{200}^{(22)}m_{003}^{(00)}m_{130}^{(11)}+m_{200}^{(22)}m_{003}^{(00)}m_{040}^{(10)}\\
&+m_{200}^{(22)}m_{003}^{(10)}m_{220}^{(11)}-m_{200}^{(22)}m_{003}^{(10)}m_{040}^{(00)}-m_{200}^{(22)}m_{003}^{(11)}m_{220}^{(10)}+m_{200}^{(22)}m_{003}^{(11)}m_{130}^{(00)}\\
&+2m_{110}^{(00)}m_{210}^{(11)}m_{013}^{(22)}-2m_{110}^{(00)}m_{210}^{(11)}m_{004}^{(21)}-2m_{110}^{(00)}m_{210}^{(21)}m_{022}^{(22)}+2m_{110}^{(00)}m_{210}^{(21)}m_{004}^{(11)}\\
&+2m_{110}^{(00)}m_{210}^{(22)}m_{022}^{(21)}-2m_{110}^{(00)}m_{210}^{(22)}m_{013}^{(11)}-2m_{110}^{(00)}m_{201}^{(11)}m_{022}^{(22)}+2m_{110}^{(00)}m_{201}^{(11)}m_{013}^{(21)}\\
&+2m_{110}^{(00)}m_{201}^{(21)}m_{031}^{(22)}-2m_{110}^{(00)}m_{201}^{(21)}m_{013}^{(11)}-2m_{110}^{(00)}m_{201}^{(22)}m_{031}^{(21)}+2m_{110}^{(00)}m_{201}^{(22)}m_{022}^{(11)}\\
&-2m_{110}^{(00)}m_{120}^{(11)}m_{103}^{(22)}+2m_{110}^{(00)}m_{120}^{(11)}m_{004}^{(20)}+2m_{110}^{(00)}m_{120}^{(21)}m_{112}^{(22)}+2m_{110}^{(00)}m_{120}^{(21)}m_{103}^{(21)}\\
&-2m_{110}^{(00)}m_{120}^{(21)}m_{013}^{(20)}-2m_{110}^{(00)}m_{120}^{(21)}m_{004}^{(10)}-2m_{110}^{(00)}m_{120}^{(22)}m_{112}^{(21)}+2m_{110}^{(00)}m_{120}^{(22)}m_{013}^{(10)}\\
&+4m_{110}^{(00)}m_{111}^{(11)}m_{103}^{(21)}-4m_{110}^{(00)}m_{111}^{(11)}m_{013}^{(20)}-4m_{110}^{(00)}m_{111}^{(21)}m_{112}^{(21)}-4m_{110}^{(00)}m_{111}^{(21)}m_{103}^{(11)}\\
&+4m_{110}^{(00)}m_{111}^{(21)}m_{022}^{(20)}+4m_{110}^{(00)}m_{111}^{(21)}m_{013}^{(10)}+4m_{110}^{(00)}m_{111}^{(22)}m_{112}^{(11)}-4m_{110}^{(00)}m_{111}^{(22)}m_{022}^{(10)}\\
&+2m_{110}^{(00)}m_{102}^{(11)}m_{121}^{(22)}-4m_{110}^{(00)}m_{102}^{(11)}m_{112}^{(21)}+2m_{110}^{(00)}m_{102}^{(11)}m_{022}^{(20)}-2m_{110}^{(00)}m_{102}^{(21)}m_{130}^{(22)}\\
&+2m_{110}^{(00)}m_{102}^{(21)}m_{121}^{(21)}+4m_{110}^{(00)}m_{102}^{(21)}m_{112}^{(11)}-2m_{110}^{(00)}m_{102}^{(21)}m_{031}^{(20)}-2m_{110}^{(00)}m_{102}^{(21)}m_{022}^{(10)}\\
&+2m_{110}^{(00)}m_{102}^{(22)}m_{130}^{(21)}-4m_{110}^{(00)}m_{102}^{(22)}m_{121}^{(11)}+2m_{110}^{(00)}m_{102}^{(22)}m_{031}^{(10)}+2m_{110}^{(00)}m_{021}^{(11)}m_{202}^{(22)}\\
&-2m_{110}^{(00)}m_{021}^{(11)}m_{103}^{(20)}-2m_{110}^{(00)}m_{021}^{(21)}m_{211}^{(22)}-2m_{110}^{(00)}m_{021}^{(21)}m_{202}^{(21)}+2m_{110}^{(00)}m_{021}^{(21)}m_{112}^{(20)}\\
&+2m_{110}^{(00)}m_{021}^{(21)}m_{103}^{(10)}+2m_{110}^{(00)}m_{021}^{(22)}m_{211}^{(21)}-2m_{110}^{(00)}m_{021}^{(22)}m_{112}^{(10)}-2m_{110}^{(00)}m_{012}^{(11)}m_{211}^{(22)}\\
&-2m_{110}^{(00)}m_{012}^{(11)}m_{202}^{(21)}+4m_{110}^{(00)}m_{012}^{(11)}m_{112}^{(20)}+2m_{110}^{(00)}m_{012}^{(21)}m_{220}^{(22)}+4m_{110}^{(00)}m_{012}^{(21)}m_{211}^{(21)}\\
&+2m_{110}^{(00)}m_{012}^{(21)}m_{202}^{(11)}-4m_{110}^{(00)}m_{012}^{(21)}m_{121}^{(20)}-4m_{110}^{(00)}m_{012}^{(21)}m_{112}^{(10)}-2m_{110}^{(00)}m_{012}^{(22)}m_{220}^{(21)}\\
&-2m_{110}^{(00)}m_{012}^{(22)}m_{211}^{(11)}+4m_{110}^{(00)}m_{012}^{(22)}m_{121}^{(10)}+2m_{110}^{(00)}m_{003}^{(11)}m_{211}^{(21)}-2m_{110}^{(00)}m_{003}^{(11)}m_{121}^{(20)}\\
&-2m_{110}^{(00)}m_{003}^{(21)}m_{220}^{(21)}-2m_{110}^{(00)}m_{003}^{(21)}m_{211}^{(11)}+2m_{110}^{(00)}m_{003}^{(21)}m_{130}^{(20)}+2m_{110}^{(00)}m_{003}^{(21)}m_{121}^{(10)}\\
&+2m_{110}^{(00)}m_{003}^{(22)}m_{220}^{(11)}-2m_{110}^{(00)}m_{003}^{(22)}m_{130}^{(10)}-4m_{110}^{(10)}m_{210}^{(10)}m_{013}^{(22)}+4m_{110}^{(10)}m_{210}^{(10)}m_{004}^{(21)}\\
&+2m_{110}^{(10)}m_{210}^{(20)}m_{022}^{(22)}-2m_{110}^{(10)}m_{210}^{(20)}m_{004}^{(11)}+2m_{110}^{(10)}m_{210}^{(21)}m_{112}^{(22)}-2m_{110}^{(10)}m_{210}^{(21)}m_{103}^{(21)}\\
&+2m_{110}^{(10)}m_{210}^{(21)}m_{013}^{(20)}-2m_{110}^{(10)}m_{210}^{(21)}m_{004}^{(10)}-2m_{110}^{(10)}m_{210}^{(22)}m_{112}^{(21)}+2m_{110}^{(10)}m_{210}^{(22)}m_{103}^{(11)}\\
&-2m_{110}^{(10)}m_{210}^{(22)}m_{022}^{(20)}+2m_{110}^{(10)}m_{210}^{(22)}m_{013}^{(10)}+4m_{110}^{(10)}m_{201}^{(10)}m_{022}^{(22)}-4m_{110}^{(10)}m_{201}^{(10)}m_{013}^{(21)}
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\begin{aligned}
&-2m_{110}^{(10)}m_{201}^{(20)}m_{031}^{(22)} + 2m_{110}^{(10)}m_{201}^{(20)}m_{013}^{(11)} - 2m_{110}^{(10)}m_{201}^{(21)}m_{121}^{(22)} + 2m_{110}^{(10)}m_{201}^{(21)}m_{112}^{(21)}\\
&-2m_{110}^{(10)}m_{201}^{(21)}m_{022}^{(20)} + 2m_{110}^{(10)}m_{201}^{(21)}m_{013}^{(10)} + 2m_{110}^{(10)}m_{201}^{(22)}m_{121}^{(21)} - 2m_{110}^{(10)}m_{201}^{(22)}m_{112}^{(11)}\\
&+2m_{110}^{(10)}m_{201}^{(22)}m_{031}^{(20)} - 2m_{110}^{(10)}m_{201}^{(22)}m_{022}^{(10)} + 4m_{110}^{(10)}m_{120}^{(10)}m_{103}^{(22)} - 4m_{110}^{(10)}m_{120}^{(10)}m_{004}^{(20)}\\
&-2m_{110}^{(10)}m_{120}^{(20)}m_{112}^{(22)} - 2m_{110}^{(10)}m_{120}^{(20)}m_{103}^{(21)} + 2m_{110}^{(10)}m_{120}^{(20)}m_{013}^{(20)} + 2m_{110}^{(10)}m_{120}^{(20)}m_{004}^{(10)}\\
&-2m_{110}^{(10)}m_{120}^{(21)}m_{202}^{(22)} + 2m_{110}^{(10)}m_{120}^{(21)}m_{004}^{(00)} + 2m_{110}^{(10)}m_{120}^{(22)}m_{202}^{(21)} + 2m_{110}^{(10)}m_{120}^{(22)}m_{112}^{(20)}\\
&-2m_{110}^{(10)}m_{120}^{(22)}m_{103}^{(10)} - 2m_{110}^{(10)}m_{120}^{(22)}m_{013}^{(00)} - 8m_{110}^{(10)}m_{111}^{(10)}m_{103}^{(21)} + 8m_{110}^{(10)}m_{111}^{(10)}m_{013}^{(20)}\\
&+4m_{110}^{(10)}m_{111}^{(20)}m_{112}^{(21)} + 4m_{110}^{(10)}m_{111}^{(20)}m_{103}^{(11)} - 4m_{110}^{(10)}m_{111}^{(20)}m_{022}^{(20)} - 4m_{110}^{(10)}m_{111}^{(20)}m_{013}^{(10)}\\
&+4m_{110}^{(10)}m_{111}^{(21)}m_{202}^{(21)} - 4m_{110}^{(10)}m_{111}^{(21)}m_{112}^{(20)} + 4m_{110}^{(10)}m_{111}^{(21)}m_{103}^{(10)} - 4m_{110}^{(10)}m_{111}^{(21)}m_{013}^{(00)}\\
&-4m_{110}^{(10)}m_{111}^{(22)}m_{202}^{(11)} + 4m_{110}^{(10)}m_{111}^{(22)}m_{022}^{(00)} - 4m_{110}^{(10)}m_{102}^{(10)}m_{121}^{(22)} + 8m_{110}^{(10)}m_{102}^{(10)}m_{112}^{(21)}\\
&-4m_{110}^{(10)}m_{102}^{(10)}m_{022}^{(20)} + 2m_{110}^{(10)}m_{102}^{(20)}m_{130}^{(22)} - 2m_{110}^{(10)}m_{102}^{(20)}m_{121}^{(21)} - 4m_{110}^{(10)}m_{102}^{(20)}m_{112}^{(11)}\\
&+2m_{110}^{(10)}m_{102}^{(20)}m_{031}^{(20)} + 2m_{110}^{(10)}m_{102}^{(20)}m_{022}^{(10)} + 2m_{110}^{(10)}m_{102}^{(21)}m_{220}^{(22)} - 4m_{110}^{(10)}m_{102}^{(21)}m_{211}^{(21)}\\
&+4m_{110}^{(10)}m_{102}^{(21)}m_{121}^{(20)} - 4m_{110}^{(10)}m_{102}^{(21)}m_{112}^{(10)} + 2m_{110}^{(10)}m_{102}^{(21)}m_{022}^{(00)} - 2m_{110}^{(10)}m_{102}^{(22)}m_{220}^{(21)}\\
&+4m_{110}^{(10)}m_{102}^{(22)}m_{211}^{(11)} - 2m_{110}^{(10)}m_{102}^{(22)}m_{130}^{(20)} + 2m_{110}^{(10)}m_{102}^{(22)}m_{121}^{(10)} - 2m_{110}^{(10)}m_{102}^{(22)}m_{031}^{(00)}\\
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&-2m_{110}^{(10)}m_{021}^{(22)}m_{301}^{(21)} - 2m_{110}^{(10)}m_{021}^{(22)}m_{211}^{(20)} + 2m_{110}^{(10)}m_{021}^{(22)}m_{202}^{(10)} + 2m_{110}^{(10)}m_{021}^{(22)}m_{112}^{(00)}\\
&+4m_{110}^{(10)}m_{012}^{(10)}m_{211}^{(22)} + 4m_{110}^{(10)}m_{012}^{(10)}m_{202}^{(21)} - 8m_{110}^{(10)}m_{012}^{(10)}m_{112}^{(20)} - 2m_{110}^{(10)}m_{012}^{(20)}m_{220}^{(22)}\\
&-4m_{110}^{(10)}m_{012}^{(20)}m_{211}^{(21)} - 2m_{110}^{(10)}m_{012}^{(20)}m_{202}^{(11)} + 4m_{110}^{(10)}m_{012}^{(20)}m_{121}^{(20)} + 4m_{110}^{(10)}m_{012}^{(20)}m_{112}^{(10)}\\
&-2m_{110}^{(10)}m_{012}^{(21)}m_{310}^{(22)} - 2m_{110}^{(10)}m_{012}^{(21)}m_{301}^{(21)} + 2m_{110}^{(10)}m_{012}^{(21)}m_{211}^{(20)} - 2m_{110}^{(10)}m_{012}^{(21)}m_{202}^{(10)}\\
&+4m_{110}^{(10)}m_{012}^{(21)}m_{112}^{(00)} + 2m_{110}^{(10)}m_{012}^{(22)}m_{310}^{(21)} + 2m_{110}^{(10)}m_{012}^{(22)}m_{301}^{(11)} + 2m_{110}^{(10)}m_{012}^{(22)}m_{220}^{(20)}\\
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&+2m_{110}^{(10)}m_{003}^{(20)}m_{220}^{(21)} + 2m_{110}^{(10)}m_{003}^{(20)}m_{211}^{(11)} - 2m_{110}^{(10)}m_{003}^{(20)}m_{130}^{(20)} - 2m_{110}^{(10)}m_{003}^{(20)}m_{121}^{(10)}\\
&+2m_{110}^{(10)}m_{003}^{(21)}m_{310}^{(21)} - 2m_{110}^{(10)}m_{003}^{(21)}m_{220}^{(20)} + 2m_{110}^{(10)}m_{003}^{(21)}m_{211}^{(10)} - 2m_{110}^{(10)}m_{003}^{(21)}m_{121}^{(00)}\\
&-2m_{110}^{(10)}m_{003}^{(22)}m_{310}^{(11)} + 2m_{110}^{(10)}m_{003}^{(22)}m_{130}^{(00)} + 2m_{110}^{(11)}m_{210}^{(00)}m_{013}^{(22)} - 2m_{110}^{(11)}m_{210}^{(00)}m_{004}^{(21)}\\
&-2m_{110}^{(11)}m_{210}^{(20)}m_{112}^{(22)} + 2m_{110}^{(11)}m_{210}^{(20)}m_{103}^{(21)} - 2m_{110}^{(11)}m_{210}^{(20)}m_{013}^{(20)} + 2m_{110}^{(11)}m_{210}^{(20)}m_{004}^{(10)}\\
&+2m_{110}^{(11)}m_{210}^{(22)}m_{112}^{(20)} - 2m_{110}^{(11)}m_{210}^{(22)}m_{103}^{(10)} - 2m_{110}^{(11)}m_{201}^{(00)}m_{022}^{(22)} + 2m_{110}^{(11)}m_{201}^{(00)}m_{013}^{(21)}\\
&+2m_{110}^{(11)}m_{201}^{(20)}m_{121}^{(22)} - 2m_{110}^{(11)}m_{201}^{(20)}m_{112}^{(21)} + 2m_{110}^{(11)}m_{201}^{(20)}m_{022}^{(20)} - 2m_{110}^{(11)}m_{201}^{(20)}m_{013}^{(10)}\\
&-2m_{110}^{(11)}m_{201}^{(22)}m_{121}^{(20)} + 2m_{110}^{(11)}m_{201}^{(22)}m_{112}^{(10)} - 2m_{110}^{(11)}m_{120}^{(00)}m_{103}^{(22)} + 2m_{110}^{(11)}m_{120}^{(00)}m_{004}^{(20)}\\
&+2m_{110}^{(11)}m_{120}^{(20)}m_{202}^{(22)} - 2m_{110}^{(11)}m_{120}^{(20)}m_{004}^{(00)} - 2m_{110}^{(11)}m_{120}^{(22)}m_{202}^{(20)} + 2m_{110}^{(11)}m_{120}^{(22)}m_{103}^{(00)}\\
&+4m_{110}^{(11)}m_{111}^{(00)}m_{103}^{(21)} - 4m_{110}^{(11)}m_{111}^{(00)}m_{013}^{(20)} - 4m_{110}^{(11)}m_{111}^{(20)}m_{202}^{(21)} + 4m_{110}^{(11)}m_{111}^{(20)}m_{112}^{(20)}\\
&-4m_{110}^{(11)}m_{111}^{(20)}m_{103}^{(10)} + 4m_{110}^{(11)}m_{111}^{(20)}m_{013}^{(00)} + 4m_{110}^{(11)}m_{111}^{(22)}m_{202}^{(10)} - 4m_{110}^{(11)}m_{111}^{(22)}m_{112}^{(00)}\\
&+2m_{110}^{(11)}m_{102}^{(00)}m_{121}^{(22)} - 4m_{110}^{(11)}m_{102}^{(00)}m_{112}^{(21)} + 2m_{110}^{(11)}m_{102}^{(00)}m_{022}^{(20)} - 2m_{110}^{(11)}m_{102}^{(20)}m_{220}^{(22)}\\
&+4m_{110}^{(11)}m_{102}^{(20)}m_{211}^{(21)} - 4m_{110}^{(11)}m_{102}^{(20)}m_{121}^{(20)} + 4m_{110}^{(11)}m_{102}^{(20)}m_{112}^{(10)} - 2m_{110}^{(11)}m_{102}^{(20)}m_{022}^{(00)}\\
&+2m_{110}^{(11)}m_{102}^{(22)}m_{220}^{(20)} - 4m_{110}^{(11)}m_{102}^{(22)}m_{211}^{(10)} + 2m_{110}^{(11)}m_{102}^{(22)}m_{121}^{(00)} + 2m_{110}^{(11)}m_{021}^{(00)}m_{202}^{(22)}\\
&-2m_{110}^{(11)}m_{021}^{(00)}m_{103}^{(20)} - 2m_{110}^{(11)}m_{021}^{(20)}m_{301}^{(22)} + 2m_{110}^{(11)}m_{021}^{(20)}m_{103}^{(00)} + 2m_{110}^{(11)}m_{021}^{(22)}m_{301}^{(20)}\\
&-2m_{110}^{(11)}m_{021}^{(22)}m_{202}^{(00)} - 2m_{110}^{(11)}m_{012}^{(00)}m_{211}^{(22)} - 2m_{110}^{(11)}m_{012}^{(00)}m_{202}^{(21)} + 4m_{110}^{(11)}m_{012}^{(00)}m_{112}^{(20)}\\
&+2m_{110}^{(11)}m_{012}^{(20)}m_{310}^{(22)} + 2m_{110}^{(11)}m_{012}^{(20)}m_{301}^{(21)} - 2m_{110}^{(11)}m_{012}^{(20)}m_{211}^{(20)} + 2m_{110}^{(11)}m_{012}^{(20)}m_{202}^{(10)}\\
&-4m_{110}^{(11)}m_{012}^{(20)}m_{112}^{(00)} - 2m_{110}^{(11)}m_{012}^{(22)}m_{310}^{(20)} - 2m_{110}^{(11)}m_{012}^{(22)}m_{301}^{(10)} + 4m_{110}^{(11)}m_{012}^{(22)}m_{211}^{(00)}
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\begin{aligned}
&+2m_{110}^{(11)}m_{003}^{(00)}m_{211}^{(21)} - 2m_{110}^{(11)}m_{003}^{(00)}m_{121}^{(20)} - 2m_{110}^{(11)}m_{003}^{(20)}m_{310}^{(21)} + 2m_{110}^{(11)}m_{003}^{(20)}m_{220}^{(20)}\\
&-2m_{110}^{(11)}m_{003}^{(20)}m_{211}^{(10)} + 2m_{110}^{(11)}m_{003}^{(20)}m_{121}^{(00)} + 2m_{110}^{(11)}m_{003}^{(22)}m_{310}^{(10)} - 2m_{110}^{(11)}m_{003}^{(22)}m_{220}^{(00)}\\
&+2m_{110}^{(20)}m_{210}^{(10)}m_{022}^{(22)} - 2m_{110}^{(20)}m_{210}^{(10)}m_{004}^{(11)} - 2m_{110}^{(20)}m_{210}^{(11)}m_{112}^{(22)} + 2m_{110}^{(20)}m_{210}^{(11)}m_{103}^{(21)}\\
&-2m_{110}^{(20)}m_{210}^{(11)}m_{013}^{(20)} + 2m_{110}^{(20)}m_{210}^{(11)}m_{004}^{(10)} - 4m_{110}^{(20)}m_{210}^{(20)}m_{022}^{(21)} + 4m_{110}^{(20)}m_{210}^{(20)}m_{013}^{(11)}\\
&+2m_{110}^{(20)}m_{210}^{(21)}m_{112}^{(21)} - 2m_{110}^{(20)}m_{210}^{(21)}m_{103}^{(11)} + 2m_{110}^{(20)}m_{210}^{(21)}m_{022}^{(20)} - 2m_{110}^{(20)}m_{210}^{(21)}m_{013}^{(10)}\\
&-2m_{110}^{(20)}m_{201}^{(10)}m_{031}^{(22)} + 2m_{110}^{(20)}m_{201}^{(10)}m_{013}^{(11)} + 2m_{110}^{(20)}m_{201}^{(11)}m_{121}^{(22)} - 2m_{110}^{(20)}m_{201}^{(11)}m_{112}^{(21)}\\
&+2m_{110}^{(20)}m_{201}^{(11)}m_{022}^{(20)} - 2m_{110}^{(20)}m_{201}^{(11)}m_{013}^{(10)} + 4m_{110}^{(20)}m_{201}^{(20)}m_{031}^{(21)} - 4m_{110}^{(20)}m_{201}^{(20)}m_{022}^{(11)}\\
&-2m_{110}^{(20)}m_{201}^{(21)}m_{121}^{(21)} + 2m_{110}^{(20)}m_{201}^{(21)}m_{112}^{(11)} - 2m_{110}^{(20)}m_{201}^{(21)}m_{031}^{(20)} + 2m_{110}^{(20)}m_{201}^{(21)}m_{022}^{(10)}\\
&-2m_{110}^{(20)}m_{120}^{(10)}m_{112}^{(22)} - 2m_{110}^{(20)}m_{120}^{(10)}m_{103}^{(21)} + 2m_{110}^{(20)}m_{120}^{(10)}m_{013}^{(20)} + 2m_{110}^{(20)}m_{120}^{(10)}m_{004}^{(10)}\\
&+2m_{110}^{(20)}m_{120}^{(11)}m_{202}^{(22)} - 2m_{110}^{(20)}m_{120}^{(11)}m_{004}^{(00)} + 4m_{110}^{(20)}m_{120}^{(20)}m_{112}^{(21)} - 4m_{110}^{(20)}m_{120}^{(20)}m_{013}^{(10)}\\
&-2m_{110}^{(20)}m_{120}^{(21)}m_{202}^{(21)} - 2m_{110}^{(20)}m_{120}^{(21)}m_{112}^{(20)} + 2m_{110}^{(20)}m_{120}^{(21)}m_{103}^{(10)} + 2m_{110}^{(20)}m_{120}^{(21)}m_{013}^{(00)}\\
&+4m_{110}^{(20)}m_{111}^{(10)}m_{112}^{(21)} + 4m_{110}^{(20)}m_{111}^{(10)}m_{103}^{(11)} - 4m_{110}^{(20)}m_{111}^{(10)}m_{022}^{(20)} - 4m_{110}^{(20)}m_{111}^{(10)}m_{013}^{(10)}\\
&-4m_{110}^{(20)}m_{111}^{(11)}m_{202}^{(21)} + 4m_{110}^{(20)}m_{111}^{(11)}m_{112}^{(20)} - 4m_{110}^{(20)}m_{111}^{(11)}m_{103}^{(10)} + 4m_{110}^{(20)}m_{111}^{(11)}m_{013}^{(00)}\\
&-8m_{110}^{(20)}m_{111}^{(20)}m_{112}^{(11)} + 8m_{110}^{(20)}m_{111}^{(20)}m_{022}^{(10)} + 4m_{110}^{(20)}m_{111}^{(21)}m_{202}^{(11)} - 4m_{110}^{(20)}m_{111}^{(21)}m_{022}^{(00)}\\
&+2m_{110}^{(20)}m_{102}^{(10)}m_{130}^{(22)} - 2m_{110}^{(20)}m_{102}^{(10)}m_{121}^{(21)} - 4m_{110}^{(20)}m_{102}^{(10)}m_{112}^{(11)} + 2m_{110}^{(20)}m_{102}^{(10)}m_{031}^{(20)}\\
&+2m_{110}^{(20)}m_{102}^{(10)}m_{022}^{(10)} - 2m_{110}^{(20)}m_{102}^{(11)}m_{220}^{(22)} + 4m_{110}^{(20)}m_{102}^{(11)}m_{211}^{(21)} - 4m_{110}^{(20)}m_{102}^{(11)}m_{121}^{(20)}\\
&+4m_{110}^{(20)}m_{102}^{(11)}m_{112}^{(10)} - 2m_{110}^{(20)}m_{102}^{(11)}m_{022}^{(00)} - 4m_{110}^{(20)}m_{102}^{(20)}m_{130}^{(21)} + 8m_{110}^{(20)}m_{102}^{(20)}m_{121}^{(11)}\\
&-4m_{110}^{(20)}m_{102}^{(20)}m_{031}^{(10)} + 2m_{110}^{(20)}m_{102}^{(21)}m_{220}^{(21)} - 4m_{110}^{(20)}m_{102}^{(21)}m_{211}^{(11)} + 2m_{110}^{(20)}m_{102}^{(21)}m_{130}^{(20)}\\
&-2m_{110}^{(20)}m_{102}^{(21)}m_{121}^{(10)} + 2m_{110}^{(20)}m_{102}^{(21)}m_{031}^{(00)} + 2m_{110}^{(20)}m_{021}^{(10)}m_{211}^{(22)} + 2m_{110}^{(20)}m_{021}^{(10)}m_{202}^{(21)}\\
&-2m_{110}^{(20)}m_{021}^{(10)}m_{112}^{(20)} - 2m_{110}^{(20)}m_{021}^{(10)}m_{103}^{(10)} - 2m_{110}^{(20)}m_{021}^{(11)}m_{301}^{(22)} + 2m_{110}^{(20)}m_{021}^{(11)}m_{103}^{(00)}\\
&-4m_{110}^{(20)}m_{021}^{(20)}m_{211}^{(21)} + 4m_{110}^{(20)}m_{021}^{(20)}m_{112}^{(10)} + 2m_{110}^{(20)}m_{021}^{(21)}m_{301}^{(21)} + 2m_{110}^{(20)}m_{021}^{(21)}m_{211}^{(20)}\\
&-2m_{110}^{(20)}m_{021}^{(21)}m_{202}^{(10)} - 2m_{110}^{(20)}m_{021}^{(21)}m_{112}^{(00)} - 2m_{110}^{(20)}m_{012}^{(10)}m_{220}^{(22)} - 4m_{110}^{(20)}m_{012}^{(10)}m_{211}^{(21)}\\
&-2m_{110}^{(20)}m_{012}^{(10)}m_{202}^{(11)} + 4m_{110}^{(20)}m_{012}^{(10)}m_{121}^{(20)} + 4m_{110}^{(20)}m_{012}^{(10)}m_{112}^{(10)} + 2m_{110}^{(20)}m_{012}^{(11)}m_{310}^{(22)}\\
&+2m_{110}^{(20)}m_{012}^{(11)}m_{301}^{(21)} - 2m_{110}^{(20)}m_{012}^{(11)}m_{211}^{(20)} + 2m_{110}^{(20)}m_{012}^{(11)}m_{202}^{(10)} - 4m_{110}^{(20)}m_{012}^{(11)}m_{112}^{(00)}\\
&+4m_{110}^{(20)}m_{012}^{(20)}m_{220}^{(21)} + 4m_{110}^{(20)}m_{012}^{(20)}m_{211}^{(11)} - 8m_{110}^{(20)}m_{012}^{(20)}m_{121}^{(10)} - 2m_{110}^{(20)}m_{012}^{(21)}m_{310}^{(21)}\\
&-2m_{110}^{(20)}m_{012}^{(21)}m_{301}^{(11)} - 2m_{110}^{(20)}m_{012}^{(21)}m_{220}^{(20)} + 2m_{110}^{(20)}m_{012}^{(21)}m_{211}^{(10)} + 4m_{110}^{(20)}m_{012}^{(21)}m_{121}^{(00)}\\
&+2m_{110}^{(20)}m_{003}^{(10)}m_{220}^{(21)} + 2m_{110}^{(20)}m_{003}^{(10)}m_{211}^{(11)} - 2m_{110}^{(20)}m_{003}^{(10)}m_{130}^{(20)} - 2m_{110}^{(20)}m_{003}^{(10)}m_{121}^{(10)}\\
&-2m_{110}^{(20)}m_{003}^{(11)}m_{310}^{(21)} + 2m_{110}^{(20)}m_{003}^{(11)}m_{220}^{(20)} - 2m_{110}^{(20)}m_{003}^{(11)}m_{211}^{(10)} + 2m_{110}^{(20)}m_{003}^{(11)}m_{121}^{(00)}\\
&-4m_{110}^{(20)}m_{003}^{(20)}m_{220}^{(11)} + 4m_{110}^{(20)}m_{003}^{(20)}m_{130}^{(10)} + 2m_{110}^{(20)}m_{003}^{(21)}m_{310}^{(11)} - 2m_{110}^{(20)}m_{003}^{(21)}m_{130}^{(00)}\\
&-2m_{110}^{(21)}m_{210}^{(00)}m_{022}^{(22)} + 2m_{110}^{(21)}m_{210}^{(00)}m_{004}^{(11)} + 2m_{110}^{(21)}m_{210}^{(10)}m_{112}^{(22)} - 2m_{110}^{(21)}m_{210}^{(10)}m_{103}^{(21)}\\
&+2m_{110}^{(21)}m_{210}^{(10)}m_{013}^{(20)} - 2m_{110}^{(21)}m_{210}^{(10)}m_{004}^{(10)} + 2m_{110}^{(21)}m_{210}^{(20)}m_{112}^{(21)} - 2m_{110}^{(21)}m_{210}^{(20)}m_{103}^{(11)}\\
&+2m_{110}^{(21)}m_{210}^{(20)}m_{022}^{(20)} - 2m_{110}^{(21)}m_{210}^{(20)}m_{013}^{(10)} - 4m_{110}^{(21)}m_{210}^{(21)}m_{112}^{(20)} + 4m_{110}^{(21)}m_{210}^{(21)}m_{103}^{(10)}\\
&+2m_{110}^{(21)}m_{201}^{(00)}m_{031}^{(22)} - 2m_{110}^{(21)}m_{201}^{(00)}m_{013}^{(11)} - 2m_{110}^{(21)}m_{201}^{(10)}m_{121}^{(22)} + 2m_{110}^{(21)}m_{201}^{(10)}m_{112}^{(21)}\\
&-2m_{110}^{(21)}m_{201}^{(10)}m_{022}^{(20)} + 2m_{110}^{(21)}m_{201}^{(10)}m_{013}^{(10)} - 2m_{110}^{(21)}m_{201}^{(20)}m_{121}^{(21)} + 2m_{110}^{(21)}m_{201}^{(20)}m_{112}^{(11)}\\
&-2m_{110}^{(21)}m_{201}^{(20)}m_{031}^{(20)} + 2m_{110}^{(21)}m_{201}^{(20)}m_{022}^{(10)} + 4m_{110}^{(21)}m_{201}^{(21)}m_{121}^{(20)} - 4m_{110}^{(21)}m_{201}^{(21)}m_{112}^{(10)}\\
&+2m_{110}^{(21)}m_{120}^{(00)}m_{112}^{(22)} + 2m_{110}^{(21)}m_{120}^{(00)}m_{103}^{(21)} - 2m_{110}^{(21)}m_{120}^{(00)}m_{013}^{(20)} - 2m_{110}^{(21)}m_{120}^{(00)}m_{004}^{(10)}\\
&-2m_{110}^{(21)}m_{120}^{(10)}m_{202}^{(22)} + 2m_{110}^{(21)}m_{120}^{(10)}m_{004}^{(00)} - 2m_{110}^{(21)}m_{120}^{(20)}m_{202}^{(21)} - 2m_{110}^{(21)}m_{120}^{(20)}m_{112}^{(20)}\\
&+2m_{110}^{(21)}m_{120}^{(20)}m_{103}^{(10)} + 2m_{110}^{(21)}m_{120}^{(20)}m_{013}^{(00)} + 4m_{110}^{(21)}m_{120}^{(21)}m_{202}^{(20)} - 4m_{110}^{(21)}m_{120}^{(21)}m_{103}^{(00)}
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\begin{aligned}
&-4m_{110}^{(21)}m_{111}^{(00)}m_{112}^{(21)} - 4m_{110}^{(21)}m_{111}^{(00)}m_{103}^{(11)} + 4m_{110}^{(21)}m_{111}^{(00)}m_{022}^{(20)} + 4m_{110}^{(21)}m_{111}^{(00)}m_{013}^{(10)} \\
&+4m_{110}^{(21)}m_{111}^{(10)}m_{202}^{(21)} - 4m_{110}^{(21)}m_{111}^{(10)}m_{112}^{(20)} + 4m_{110}^{(21)}m_{111}^{(10)}m_{103}^{(10)} - 4m_{110}^{(21)}m_{111}^{(10)}m_{013}^{(00)} \\
&+4m_{110}^{(21)}m_{111}^{(20)}m_{202}^{(11)} - 4m_{110}^{(21)}m_{111}^{(20)}m_{022}^{(00)} - 8m_{110}^{(21)}m_{111}^{(21)}m_{202}^{(10)} + 8m_{110}^{(21)}m_{111}^{(21)}m_{112}^{(00)} \\
&-2m_{110}^{(21)}m_{102}^{(00)}m_{130}^{(22)} + 2m_{110}^{(21)}m_{102}^{(00)}m_{121}^{(21)} + 4m_{110}^{(21)}m_{102}^{(00)}m_{112}^{(11)} - 2m_{110}^{(21)}m_{102}^{(00)}m_{031}^{(20)} \\
&-2m_{110}^{(21)}m_{102}^{(00)}m_{022}^{(10)} + 2m_{110}^{(21)}m_{102}^{(10)}m_{220}^{(22)} - 4m_{110}^{(21)}m_{102}^{(10)}m_{211}^{(21)} + 4m_{110}^{(21)}m_{102}^{(10)}m_{121}^{(20)} \\
&-4m_{110}^{(21)}m_{102}^{(10)}m_{112}^{(10)} + 2m_{110}^{(21)}m_{102}^{(10)}m_{022}^{(00)} + 2m_{110}^{(21)}m_{102}^{(20)}m_{220}^{(21)} - 4m_{110}^{(21)}m_{102}^{(20)}m_{211}^{(11)} \\
&+2m_{110}^{(21)}m_{102}^{(20)}m_{130}^{(20)} - 2m_{110}^{(21)}m_{102}^{(20)}m_{121}^{(10)} + 2m_{110}^{(21)}m_{102}^{(20)}m_{031}^{(00)} - 4m_{110}^{(21)}m_{102}^{(21)}m_{220}^{(20)} \\
&+8m_{110}^{(21)}m_{102}^{(21)}m_{211}^{(10)} - 4m_{110}^{(21)}m_{102}^{(21)}m_{121}^{(00)} - 2m_{110}^{(21)}m_{021}^{(00)}m_{211}^{(22)} - 2m_{110}^{(21)}m_{021}^{(00)}m_{202}^{(21)} \\
&+2m_{110}^{(21)}m_{021}^{(00)}m_{112}^{(20)} + 2m_{110}^{(21)}m_{021}^{(00)}m_{103}^{(10)} + 2m_{110}^{(21)}m_{021}^{(10)}m_{301}^{(22)} - 2m_{110}^{(21)}m_{021}^{(10)}m_{103}^{(00)} \\
&+2m_{110}^{(21)}m_{021}^{(20)}m_{301}^{(21)} + 2m_{110}^{(21)}m_{021}^{(20)}m_{211}^{(20)} - 2m_{110}^{(21)}m_{021}^{(20)}m_{202}^{(10)} - 2m_{110}^{(21)}m_{021}^{(20)}m_{112}^{(00)} \\
&-4m_{110}^{(21)}m_{021}^{(21)}m_{301}^{(20)} + 4m_{110}^{(21)}m_{021}^{(21)}m_{202}^{(00)} + 2m_{110}^{(21)}m_{012}^{(00)}m_{220}^{(22)} + 4m_{110}^{(21)}m_{012}^{(00)}m_{211}^{(21)} \\
&+2m_{110}^{(21)}m_{012}^{(00)}m_{202}^{(11)} - 4m_{110}^{(21)}m_{012}^{(00)}m_{121}^{(20)} - 4m_{110}^{(21)}m_{012}^{(00)}m_{112}^{(10)} - 2m_{110}^{(21)}m_{012}^{(10)}m_{310}^{(22)} \\
&-2m_{110}^{(21)}m_{012}^{(10)}m_{301}^{(21)} + 2m_{110}^{(21)}m_{012}^{(10)}m_{211}^{(20)} - 2m_{110}^{(21)}m_{012}^{(10)}m_{202}^{(10)} + 4m_{110}^{(21)}m_{012}^{(10)}m_{112}^{(00)} \\
&-2m_{110}^{(21)}m_{012}^{(20)}m_{310}^{(21)} - 2m_{110}^{(21)}m_{012}^{(20)}m_{301}^{(11)} - 2m_{110}^{(21)}m_{012}^{(20)}m_{220}^{(20)} + 2m_{110}^{(21)}m_{012}^{(20)}m_{211}^{(10)} \\
&+4m_{110}^{(21)}m_{012}^{(20)}m_{121}^{(00)} + 4m_{110}^{(21)}m_{012}^{(21)}m_{310}^{(20)} + 4m_{110}^{(21)}m_{012}^{(21)}m_{301}^{(10)} - 8m_{110}^{(21)}m_{012}^{(21)}m_{211}^{(00)} \\
&-2m_{110}^{(21)}m_{003}^{(00)}m_{220}^{(21)} - 2m_{110}^{(21)}m_{003}^{(00)}m_{211}^{(11)} + 2m_{110}^{(21)}m_{003}^{(00)}m_{130}^{(20)} + 2m_{110}^{(21)}m_{003}^{(00)}m_{121}^{(10)} \\
&+2m_{110}^{(21)}m_{003}^{(10)}m_{310}^{(21)} - 2m_{110}^{(21)}m_{003}^{(10)}m_{220}^{(20)} + 2m_{110}^{(21)}m_{003}^{(10)}m_{211}^{(10)} - 2m_{110}^{(21)}m_{003}^{(10)}m_{121}^{(00)} \\
&+2m_{110}^{(21)}m_{003}^{(20)}m_{310}^{(11)} - 2m_{110}^{(21)}m_{003}^{(20)}m_{130}^{(00)} - 4m_{110}^{(21)}m_{003}^{(21)}m_{310}^{(10)} + 4m_{110}^{(21)}m_{003}^{(21)}m_{220}^{(00)} \\
&+2m_{110}^{(22)}m_{210}^{(00)}m_{022}^{(21)} - 2m_{110}^{(22)}m_{210}^{(00)}m_{013}^{(11)} - 2m_{110}^{(22)}m_{210}^{(10)}m_{112}^{(21)} + 2m_{110}^{(22)}m_{210}^{(10)}m_{103}^{(11)} \\
&-2m_{110}^{(22)}m_{210}^{(10)}m_{022}^{(20)} + 2m_{110}^{(22)}m_{210}^{(10)}m_{013}^{(10)} + 2m_{110}^{(22)}m_{210}^{(11)}m_{112}^{(20)} - 2m_{110}^{(22)}m_{210}^{(11)}m_{103}^{(10)} \\
&-2m_{110}^{(22)}m_{201}^{(00)}m_{031}^{(21)} + 2m_{110}^{(22)}m_{201}^{(00)}m_{022}^{(11)} + 2m_{110}^{(22)}m_{201}^{(10)}m_{121}^{(21)} - 2m_{110}^{(22)}m_{201}^{(10)}m_{112}^{(11)} \\
&+2m_{110}^{(22)}m_{201}^{(10)}m_{031}^{(20)} - 2m_{110}^{(22)}m_{201}^{(10)}m_{022}^{(10)} - 2m_{110}^{(22)}m_{201}^{(11)}m_{121}^{(20)} + 2m_{110}^{(22)}m_{201}^{(11)}m_{112}^{(10)} \\
&-2m_{110}^{(22)}m_{120}^{(00)}m_{112}^{(21)} + 2m_{110}^{(22)}m_{120}^{(00)}m_{013}^{(10)} + 2m_{110}^{(22)}m_{120}^{(10)}m_{202}^{(21)} + 2m_{110}^{(22)}m_{120}^{(10)}m_{112}^{(20)} \\
&-2m_{110}^{(22)}m_{120}^{(10)}m_{103}^{(10)} - 2m_{110}^{(22)}m_{120}^{(10)}m_{013}^{(00)} - 2m_{110}^{(22)}m_{120}^{(11)}m_{202}^{(20)} + 2m_{110}^{(22)}m_{120}^{(11)}m_{103}^{(00)} \\
&+4m_{110}^{(22)}m_{111}^{(00)}m_{112}^{(11)} - 4m_{110}^{(22)}m_{111}^{(00)}m_{022}^{(10)} - 4m_{110}^{(22)}m_{111}^{(10)}m_{202}^{(11)} + 4m_{110}^{(22)}m_{111}^{(10)}m_{022}^{(00)} \\
&+4m_{110}^{(22)}m_{111}^{(11)}m_{202}^{(10)} - 4m_{110}^{(22)}m_{111}^{(11)}m_{112}^{(00)} + 2m_{110}^{(22)}m_{102}^{(00)}m_{130}^{(21)} - 4m_{110}^{(22)}m_{102}^{(00)}m_{121}^{(11)} \\
&+2m_{110}^{(22)}m_{102}^{(00)}m_{031}^{(10)} - 2m_{110}^{(22)}m_{102}^{(10)}m_{220}^{(21)} + 4m_{110}^{(22)}m_{102}^{(10)}m_{211}^{(11)} - 2m_{110}^{(22)}m_{102}^{(10)}m_{130}^{(20)} \\
&+2m_{110}^{(22)}m_{102}^{(10)}m_{121}^{(10)} - 2m_{110}^{(22)}m_{102}^{(10)}m_{031}^{(00)} + 2m_{110}^{(22)}m_{102}^{(11)}m_{220}^{(20)} - 4m_{110}^{(22)}m_{102}^{(11)}m_{211}^{(10)} \\
&+2m_{110}^{(22)}m_{102}^{(11)}m_{121}^{(00)} + 2m_{110}^{(22)}m_{021}^{(00)}m_{211}^{(21)} - 2m_{110}^{(22)}m_{021}^{(00)}m_{112}^{(10)} - 2m_{110}^{(22)}m_{021}^{(10)}m_{301}^{(21)} \\
&-2m_{110}^{(22)}m_{021}^{(10)}m_{211}^{(20)} + 2m_{110}^{(22)}m_{021}^{(10)}m_{202}^{(10)} + 2m_{110}^{(22)}m_{021}^{(10)}m_{112}^{(00)} + 2m_{110}^{(22)}m_{021}^{(11)}m_{301}^{(20)} \\
&-2m_{110}^{(22)}m_{021}^{(11)}m_{202}^{(00)} - 2m_{110}^{(22)}m_{012}^{(00)}m_{220}^{(21)} - 2m_{110}^{(22)}m_{012}^{(00)}m_{211}^{(11)} + 4m_{110}^{(22)}m_{012}^{(00)}m_{121}^{(10)} \\
&+2m_{110}^{(22)}m_{012}^{(10)}m_{310}^{(21)} + 2m_{110}^{(22)}m_{012}^{(10)}m_{301}^{(11)} + 2m_{110}^{(22)}m_{012}^{(10)}m_{220}^{(20)} - 2m_{110}^{(22)}m_{012}^{(10)}m_{211}^{(10)} \\
&-4m_{110}^{(22)}m_{012}^{(10)}m_{121}^{(00)} - 2m_{110}^{(22)}m_{012}^{(11)}m_{310}^{(20)} - 2m_{110}^{(22)}m_{012}^{(11)}m_{301}^{(10)} + 4m_{110}^{(22)}m_{012}^{(11)}m_{211}^{(00)} \\
&+2m_{110}^{(22)}m_{003}^{(00)}m_{220}^{(11)} - 2m_{110}^{(22)}m_{003}^{(00)}m_{130}^{(10)} - 2m_{110}^{(22)}m_{003}^{(10)}m_{310}^{(11)} + 2m_{110}^{(22)}m_{003}^{(10)}m_{130}^{(00)} \\
&+2m_{110}^{(22)}m_{003}^{(11)}m_{310}^{(10)} - 2m_{110}^{(22)}m_{003}^{(11)}m_{220}^{(00)} - 2m_{101}^{(00)}m_{210}^{(11)}m_{022}^{(22)} + 2m_{101}^{(00)}m_{210}^{(11)}m_{013}^{(21)} \\
&+2m_{101}^{(00)}m_{210}^{(21)}m_{031}^{(22)} - 2m_{101}^{(00)}m_{210}^{(21)}m_{013}^{(11)} - 2m_{101}^{(00)}m_{210}^{(22)}m_{031}^{(21)} + 2m_{101}^{(00)}m_{210}^{(22)}m_{022}^{(11)} \\
&+2m_{101}^{(00)}m_{201}^{(11)}m_{031}^{(22)} - 2m_{101}^{(00)}m_{201}^{(11)}m_{022}^{(21)} - 2m_{101}^{(00)}m_{201}^{(21)}m_{040}^{(22)} + 2m_{101}^{(00)}m_{201}^{(21)}m_{022}^{(11)} \\
&+2m_{101}^{(00)}m_{201}^{(22)}m_{040}^{(21)} - 2m_{101}^{(00)}m_{201}^{(22)}m_{031}^{(11)} + 4m_{101}^{(00)}m_{120}^{(11)}m_{112}^{(22)} - 2m_{101}^{(00)}m_{120}^{(11)}m_{103}^{(21)}
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&-2m_{101}^{(00)}m_{120}^{(11)}m_{013}^{(20)} - 4m_{101}^{(00)}m_{120}^{(21)}m_{121}^{(22)} - 2m_{101}^{(00)}m_{120}^{(21)}m_{112}^{(21)} + 2m_{101}^{(00)}m_{120}^{(21)}m_{103}^{(11)}\\
&+2m_{101}^{(00)}m_{120}^{(21)}m_{022}^{(20)} + 2m_{101}^{(00)}m_{120}^{(21)}m_{013}^{(10)} + 4m_{101}^{(00)}m_{120}^{(22)}m_{121}^{(21)} - 2m_{101}^{(00)}m_{120}^{(22)}m_{112}^{(11)}\\
&-2m_{101}^{(00)}m_{120}^{(22)}m_{022}^{(10)} - 4m_{101}^{(00)}m_{111}^{(11)}m_{121}^{(22)} + 4m_{101}^{(00)}m_{111}^{(11)}m_{022}^{(20)} + 4m_{101}^{(00)}m_{111}^{(21)}m_{130}^{(22)}\\
&+4m_{101}^{(00)}m_{111}^{(21)}m_{121}^{(21)} - 4m_{101}^{(00)}m_{111}^{(21)}m_{031}^{(20)} - 4m_{101}^{(00)}m_{111}^{(21)}m_{022}^{(10)} - 4m_{101}^{(00)}m_{111}^{(22)}m_{130}^{(21)}\\
&+4m_{101}^{(00)}m_{111}^{(22)}m_{031}^{(10)} + 2m_{101}^{(00)}m_{102}^{(11)}m_{121}^{(21)} - 2m_{101}^{(00)}m_{102}^{(11)}m_{031}^{(20)} - 2m_{101}^{(00)}m_{102}^{(21)}m_{130}^{(21)}\\
&-2m_{101}^{(00)}m_{102}^{(21)}m_{121}^{(11)} + 2m_{101}^{(00)}m_{102}^{(21)}m_{040}^{(20)} + 2m_{101}^{(00)}m_{102}^{(21)}m_{031}^{(10)} + 2m_{101}^{(00)}m_{102}^{(22)}m_{130}^{(11)}\\
&-2m_{101}^{(00)}m_{102}^{(22)}m_{040}^{(10)} - 2m_{101}^{(00)}m_{030}^{(11)}m_{202}^{(22)} + 2m_{101}^{(00)}m_{030}^{(11)}m_{103}^{(20)} + 2m_{101}^{(00)}m_{030}^{(21)}m_{211}^{(22)}\\
&+2m_{101}^{(00)}m_{030}^{(21)}m_{202}^{(21)} - 2m_{101}^{(00)}m_{030}^{(21)}m_{112}^{(20)} - 2m_{101}^{(00)}m_{030}^{(21)}m_{103}^{(10)} - 2m_{101}^{(00)}m_{030}^{(22)}m_{211}^{(21)}\\
&+2m_{101}^{(00)}m_{030}^{(22)}m_{112}^{(10)} + 2m_{101}^{(00)}m_{021}^{(11)}m_{211}^{(22)} + 2m_{101}^{(00)}m_{021}^{(11)}m_{202}^{(21)} - 4m_{101}^{(00)}m_{021}^{(11)}m_{112}^{(20)}\\
&-2m_{101}^{(00)}m_{021}^{(21)}m_{220}^{(22)} - 4m_{101}^{(00)}m_{021}^{(21)}m_{211}^{(21)} - 2m_{101}^{(00)}m_{021}^{(21)}m_{202}^{(11)} + 4m_{101}^{(00)}m_{021}^{(21)}m_{121}^{(20)}\\
&+4m_{101}^{(00)}m_{021}^{(21)}m_{112}^{(10)} + 2m_{101}^{(00)}m_{021}^{(22)}m_{220}^{(21)} + 2m_{101}^{(00)}m_{021}^{(22)}m_{211}^{(11)} - 4m_{101}^{(00)}m_{021}^{(22)}m_{121}^{(10)}\\
&-2m_{101}^{(00)}m_{012}^{(11)}m_{211}^{(21)} + 2m_{101}^{(00)}m_{012}^{(11)}m_{121}^{(20)} + 2m_{101}^{(00)}m_{012}^{(21)}m_{220}^{(21)} + 2m_{101}^{(00)}m_{012}^{(21)}m_{211}^{(11)}\\
&-2m_{101}^{(00)}m_{012}^{(21)}m_{130}^{(20)} - 2m_{101}^{(00)}m_{012}^{(21)}m_{121}^{(10)} - 2m_{101}^{(00)}m_{012}^{(22)}m_{220}^{(11)} + 2m_{101}^{(00)}m_{012}^{(22)}m_{130}^{(10)}\\
&+4m_{101}^{(10)}m_{210}^{(10)}m_{022}^{(22)} - 4m_{101}^{(10)}m_{210}^{(10)}m_{013}^{(21)} - 2m_{101}^{(10)}m_{210}^{(20)}m_{031}^{(22)} + 2m_{101}^{(10)}m_{210}^{(20)}m_{013}^{(11)}\\
&-2m_{101}^{(10)}m_{210}^{(21)}m_{121}^{(22)} + 2m_{101}^{(10)}m_{210}^{(21)}m_{112}^{(21)} - 2m_{101}^{(10)}m_{210}^{(21)}m_{022}^{(20)} + 2m_{101}^{(10)}m_{210}^{(21)}m_{013}^{(10)}\\
&+2m_{101}^{(10)}m_{210}^{(22)}m_{121}^{(21)} - 2m_{101}^{(10)}m_{210}^{(22)}m_{112}^{(11)} + 2m_{101}^{(10)}m_{210}^{(22)}m_{031}^{(20)} - 2m_{101}^{(10)}m_{210}^{(22)}m_{022}^{(10)}\\
&-4m_{101}^{(10)}m_{201}^{(10)}m_{031}^{(22)} + 4m_{101}^{(10)}m_{201}^{(10)}m_{022}^{(21)} + 2m_{101}^{(10)}m_{201}^{(20)}m_{040}^{(22)} - 2m_{101}^{(10)}m_{201}^{(20)}m_{022}^{(11)}\\
&+2m_{101}^{(10)}m_{201}^{(21)}m_{130}^{(22)} - 2m_{101}^{(10)}m_{201}^{(21)}m_{121}^{(21)} + 2m_{101}^{(10)}m_{201}^{(21)}m_{031}^{(20)} - 2m_{101}^{(10)}m_{201}^{(21)}m_{022}^{(10)}\\
&-2m_{101}^{(10)}m_{201}^{(22)}m_{130}^{(21)} + 2m_{101}^{(10)}m_{201}^{(22)}m_{121}^{(11)} - 2m_{101}^{(10)}m_{201}^{(22)}m_{040}^{(20)} + 2m_{101}^{(10)}m_{201}^{(22)}m_{031}^{(10)}\\
&-8m_{101}^{(10)}m_{120}^{(10)}m_{112}^{(22)} + 4m_{101}^{(10)}m_{120}^{(10)}m_{103}^{(21)} + 4m_{101}^{(10)}m_{120}^{(10)}m_{013}^{(20)} + 4m_{101}^{(10)}m_{120}^{(20)}m_{121}^{(22)}\\
&+2m_{101}^{(10)}m_{120}^{(20)}m_{112}^{(21)} - 2m_{101}^{(10)}m_{120}^{(20)}m_{103}^{(11)} - 2m_{101}^{(10)}m_{120}^{(20)}m_{022}^{(20)} - 2m_{101}^{(10)}m_{120}^{(20)}m_{013}^{(10)}\\
&+4m_{101}^{(10)}m_{120}^{(21)}m_{211}^{(22)} - 2m_{101}^{(10)}m_{120}^{(21)}m_{202}^{(21)} + 2m_{101}^{(10)}m_{120}^{(21)}m_{112}^{(20)} - 2m_{101}^{(10)}m_{120}^{(21)}m_{103}^{(10)}\\
&-2m_{101}^{(10)}m_{120}^{(21)}m_{013}^{(00)} - 4m_{101}^{(10)}m_{120}^{(22)}m_{211}^{(21)} + 2m_{101}^{(10)}m_{120}^{(22)}m_{202}^{(11)} - 4m_{101}^{(10)}m_{120}^{(22)}m_{121}^{(20)}\\
&+4m_{101}^{(10)}m_{120}^{(22)}m_{112}^{(10)} + 2m_{101}^{(10)}m_{120}^{(22)}m_{022}^{(00)} + 8m_{101}^{(10)}m_{111}^{(10)}m_{121}^{(22)} - 8m_{101}^{(10)}m_{111}^{(10)}m_{022}^{(20)}\\
&-4m_{101}^{(10)}m_{111}^{(20)}m_{130}^{(22)} - 4m_{101}^{(10)}m_{111}^{(20)}m_{121}^{(21)} + 4m_{101}^{(10)}m_{111}^{(20)}m_{031}^{(20)} + 4m_{101}^{(10)}m_{111}^{(20)}m_{022}^{(10)}\\
&-4m_{101}^{(10)}m_{111}^{(21)}m_{220}^{(22)} + 4m_{101}^{(10)}m_{111}^{(21)}m_{220}^{(00)} + 4m_{101}^{(10)}m_{111}^{(22)}m_{220}^{(21)} + 4m_{101}^{(10)}m_{111}^{(22)}m_{130}^{(20)}\\
&-4m_{101}^{(10)}m_{111}^{(22)}m_{121}^{(10)} - 4m_{101}^{(10)}m_{111}^{(22)}m_{031}^{(00)} - 4m_{101}^{(10)}m_{102}^{(10)}m_{121}^{(21)} + 4m_{101}^{(10)}m_{102}^{(10)}m_{031}^{(20)}\\
&+2m_{101}^{(10)}m_{102}^{(20)}m_{130}^{(21)} + 2m_{101}^{(10)}m_{102}^{(20)}m_{121}^{(11)} - 2m_{101}^{(10)}m_{102}^{(20)}m_{040}^{(20)} - 2m_{101}^{(10)}m_{102}^{(20)}m_{031}^{(10)}\\
&+2m_{101}^{(10)}m_{102}^{(21)}m_{220}^{(21)} - 2m_{101}^{(10)}m_{102}^{(21)}m_{130}^{(20)} + 2m_{101}^{(10)}m_{102}^{(21)}m_{121}^{(10)} - 2m_{101}^{(10)}m_{102}^{(21)}m_{031}^{(00)}\\
&-2m_{101}^{(10)}m_{102}^{(22)}m_{220}^{(11)} + 2m_{101}^{(10)}m_{102}^{(22)}m_{040}^{(00)} + 4m_{101}^{(10)}m_{030}^{(10)}m_{202}^{(22)} - 4m_{101}^{(10)}m_{030}^{(10)}m_{103}^{(20)}\\
&-2m_{101}^{(10)}m_{030}^{(20)}m_{211}^{(22)} - 2m_{101}^{(10)}m_{030}^{(20)}m_{202}^{(21)} + 2m_{101}^{(10)}m_{030}^{(20)}m_{112}^{(20)} + 2m_{101}^{(10)}m_{030}^{(20)}m_{103}^{(10)}\\
&-2m_{101}^{(10)}m_{030}^{(21)}m_{301}^{(22)} + 2m_{101}^{(10)}m_{030}^{(21)}m_{103}^{(00)} + 2m_{101}^{(10)}m_{030}^{(22)}m_{301}^{(21)} + 2m_{101}^{(10)}m_{030}^{(22)}m_{211}^{(20)}\\
&-2m_{101}^{(10)}m_{030}^{(22)}m_{202}^{(10)} - 2m_{101}^{(10)}m_{030}^{(22)}m_{112}^{(00)} - 4m_{101}^{(10)}m_{021}^{(10)}m_{211}^{(22)} - 4m_{101}^{(10)}m_{021}^{(10)}m_{202}^{(21)}\\
&+8m_{101}^{(10)}m_{021}^{(10)}m_{112}^{(20)} + 2m_{101}^{(10)}m_{021}^{(20)}m_{220}^{(22)} + 4m_{101}^{(10)}m_{021}^{(20)}m_{211}^{(21)} + 2m_{101}^{(10)}m_{021}^{(20)}m_{202}^{(11)}\\
&-4m_{101}^{(10)}m_{021}^{(20)}m_{121}^{(20)} - 4m_{101}^{(10)}m_{021}^{(20)}m_{112}^{(10)} + 2m_{101}^{(10)}m_{021}^{(21)}m_{310}^{(22)} + 2m_{101}^{(10)}m_{021}^{(21)}m_{301}^{(21)}\\
&-2m_{101}^{(10)}m_{021}^{(21)}m_{211}^{(20)} + 2m_{101}^{(10)}m_{021}^{(21)}m_{202}^{(10)} - 4m_{101}^{(10)}m_{021}^{(21)}m_{112}^{(00)} - 2m_{101}^{(10)}m_{021}^{(22)}m_{310}^{(21)}\\
&-2m_{101}^{(10)}m_{021}^{(22)}m_{301}^{(11)} - 2m_{101}^{(10)}m_{021}^{(22)}m_{220}^{(20)} + 2m_{101}^{(10)}m_{021}^{(22)}m_{211}^{(10)} + 4m_{101}^{(10)}m_{021}^{(22)}m_{121}^{(00)}\\
&+4m_{101}^{(10)}m_{012}^{(10)}m_{211}^{(21)} - 4m_{101}^{(10)}m_{012}^{(10)}m_{121}^{(20)} - 2m_{101}^{(10)}m_{012}^{(20)}m_{220}^{(21)} - 2m_{101}^{(10)}m_{012}^{(20)}m_{211}^{(11)}
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&+2m_{101}^{(10)}m_{012}^{(20)}m_{130}^{(20)} + 2m_{101}^{(10)}m_{012}^{(20)}m_{121}^{(10)} - 2m_{101}^{(10)}m_{012}^{(21)}m_{310}^{(21)} + 2m_{101}^{(10)}m_{012}^{(21)}m_{220}^{(20)}\\
&-2m_{101}^{(10)}m_{012}^{(21)}m_{211}^{(10)} + 2m_{101}^{(10)}m_{012}^{(21)}m_{121}^{(00)} + 2m_{101}^{(10)}m_{012}^{(22)}m_{310}^{(11)} - 2m_{101}^{(10)}m_{012}^{(22)}m_{130}^{(00)}\\
&-2m_{101}^{(11)}m_{210}^{(00)}m_{022}^{(22)} + 2m_{101}^{(11)}m_{210}^{(00)}m_{013}^{(21)} + 2m_{101}^{(11)}m_{210}^{(20)}m_{121}^{(22)} - 2m_{101}^{(11)}m_{210}^{(20)}m_{112}^{(21)}\\
&+2m_{101}^{(11)}m_{210}^{(20)}m_{022}^{(20)} - 2m_{101}^{(11)}m_{210}^{(20)}m_{013}^{(10)} - 2m_{101}^{(11)}m_{210}^{(22)}m_{121}^{(20)} + 2m_{101}^{(11)}m_{210}^{(22)}m_{112}^{(10)}\\
&+2m_{101}^{(11)}m_{201}^{(00)}m_{031}^{(22)} - 2m_{101}^{(11)}m_{201}^{(00)}m_{022}^{(21)} - 2m_{101}^{(11)}m_{201}^{(20)}m_{130}^{(22)} + 2m_{101}^{(11)}m_{201}^{(20)}m_{121}^{(21)}\\
&-2m_{101}^{(11)}m_{201}^{(20)}m_{031}^{(20)} + 2m_{101}^{(11)}m_{201}^{(20)}m_{022}^{(10)} + 2m_{101}^{(11)}m_{201}^{(22)}m_{130}^{(20)} - 2m_{101}^{(11)}m_{201}^{(22)}m_{121}^{(10)}\\
&+4m_{101}^{(11)}m_{120}^{(00)}m_{112}^{(22)} - 2m_{101}^{(11)}m_{120}^{(00)}m_{103}^{(21)} - 2m_{101}^{(11)}m_{120}^{(00)}m_{013}^{(20)} - 4m_{101}^{(11)}m_{120}^{(20)}m_{211}^{(22)}\\
&+2m_{101}^{(11)}m_{120}^{(20)}m_{202}^{(21)} - 2m_{101}^{(11)}m_{120}^{(20)}m_{112}^{(20)} + 2m_{101}^{(11)}m_{120}^{(20)}m_{103}^{(10)} + 2m_{101}^{(11)}m_{120}^{(20)}m_{013}^{(00)}\\
&+4m_{101}^{(11)}m_{120}^{(22)}m_{211}^{(20)} - 2m_{101}^{(11)}m_{120}^{(22)}m_{202}^{(10)} - 2m_{101}^{(11)}m_{120}^{(22)}m_{112}^{(00)} - 4m_{101}^{(11)}m_{111}^{(00)}m_{121}^{(22)}\\
&+4m_{101}^{(11)}m_{111}^{(00)}m_{022}^{(20)} + 4m_{101}^{(11)}m_{111}^{(20)}m_{220}^{(22)} - 4m_{101}^{(11)}m_{111}^{(20)}m_{022}^{(00)} - 4m_{101}^{(11)}m_{111}^{(22)}m_{220}^{(20)}\\
&+4m_{101}^{(11)}m_{111}^{(22)}m_{121}^{(00)} + 2m_{101}^{(11)}m_{102}^{(00)}m_{121}^{(21)} - 2m_{101}^{(11)}m_{102}^{(00)}m_{031}^{(20)} - 2m_{101}^{(11)}m_{102}^{(20)}m_{220}^{(21)}\\
&+2m_{101}^{(11)}m_{102}^{(20)}m_{130}^{(20)} - 2m_{101}^{(11)}m_{102}^{(20)}m_{121}^{(10)} + 2m_{101}^{(11)}m_{102}^{(20)}m_{031}^{(00)} + 2m_{101}^{(11)}m_{102}^{(22)}m_{220}^{(10)}\\
&-2m_{101}^{(11)}m_{102}^{(22)}m_{130}^{(00)} - 2m_{101}^{(11)}m_{030}^{(00)}m_{202}^{(22)} + 2m_{101}^{(11)}m_{030}^{(00)}m_{103}^{(20)} + 2m_{101}^{(11)}m_{030}^{(20)}m_{301}^{(22)}\\
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&+2m_{101}^{(11)}m_{021}^{(00)}m_{202}^{(21)} - 4m_{101}^{(11)}m_{021}^{(00)}m_{112}^{(20)} - 2m_{101}^{(11)}m_{021}^{(20)}m_{310}^{(22)} - 2m_{101}^{(11)}m_{021}^{(20)}m_{301}^{(21)}\\
&+2m_{101}^{(11)}m_{021}^{(20)}m_{211}^{(20)} - 2m_{101}^{(11)}m_{021}^{(20)}m_{202}^{(10)} + 4m_{101}^{(11)}m_{021}^{(20)}m_{112}^{(00)} + 2m_{101}^{(11)}m_{021}^{(22)}m_{310}^{(20)}\\
&+2m_{101}^{(11)}m_{021}^{(22)}m_{301}^{(10)} - 4m_{101}^{(11)}m_{021}^{(22)}m_{211}^{(00)} - 2m_{101}^{(11)}m_{012}^{(00)}m_{211}^{(21)} + 2m_{101}^{(11)}m_{012}^{(00)}m_{121}^{(20)}\\
&+2m_{101}^{(11)}m_{012}^{(20)}m_{310}^{(21)} - 2m_{101}^{(11)}m_{012}^{(20)}m_{220}^{(20)} + 2m_{101}^{(11)}m_{012}^{(20)}m_{211}^{(10)} - 2m_{101}^{(11)}m_{012}^{(20)}m_{121}^{(00)}\\
&-2m_{101}^{(11)}m_{012}^{(22)}m_{310}^{(10)} + 2m_{101}^{(11)}m_{012}^{(22)}m_{220}^{(00)} - 2m_{101}^{(20)}m_{210}^{(10)}m_{031}^{(22)} + 2m_{101}^{(20)}m_{210}^{(10)}m_{013}^{(11)}\\
&+2m_{101}^{(20)}m_{210}^{(11)}m_{121}^{(22)} - 2m_{101}^{(20)}m_{210}^{(11)}m_{112}^{(21)} + 2m_{101}^{(20)}m_{210}^{(11)}m_{022}^{(20)} - 2m_{101}^{(20)}m_{210}^{(11)}m_{013}^{(10)}\\
&+4m_{101}^{(20)}m_{210}^{(20)}m_{031}^{(21)} - 4m_{101}^{(20)}m_{210}^{(20)}m_{022}^{(11)} - 2m_{101}^{(20)}m_{210}^{(21)}m_{121}^{(21)} + 2m_{101}^{(20)}m_{210}^{(21)}m_{112}^{(11)}\\
&-2m_{101}^{(20)}m_{210}^{(21)}m_{031}^{(20)} + 2m_{101}^{(20)}m_{210}^{(21)}m_{022}^{(10)} + 2m_{101}^{(20)}m_{201}^{(10)}m_{040}^{(22)} - 2m_{101}^{(20)}m_{201}^{(10)}m_{022}^{(11)}\\
&-2m_{101}^{(20)}m_{201}^{(11)}m_{130}^{(22)} + 2m_{101}^{(20)}m_{201}^{(11)}m_{121}^{(21)} - 2m_{101}^{(20)}m_{201}^{(11)}m_{031}^{(20)} + 2m_{101}^{(20)}m_{201}^{(11)}m_{022}^{(10)}\\
&-4m_{101}^{(20)}m_{201}^{(20)}m_{040}^{(21)} + 4m_{101}^{(20)}m_{201}^{(20)}m_{031}^{(11)} + 2m_{101}^{(20)}m_{201}^{(21)}m_{130}^{(21)} - 2m_{101}^{(20)}m_{201}^{(21)}m_{121}^{(11)}\\
&+2m_{101}^{(20)}m_{201}^{(21)}m_{040}^{(20)} - 2m_{101}^{(20)}m_{201}^{(21)}m_{031}^{(10)} + 4m_{101}^{(20)}m_{120}^{(10)}m_{121}^{(22)} + 2m_{101}^{(20)}m_{120}^{(10)}m_{112}^{(21)}\\
&-2m_{101}^{(20)}m_{120}^{(10)}m_{103}^{(11)} - 2m_{101}^{(20)}m_{120}^{(10)}m_{022}^{(20)} - 2m_{101}^{(20)}m_{120}^{(10)}m_{013}^{(10)} - 4m_{101}^{(20)}m_{120}^{(11)}m_{211}^{(22)}\\
&+2m_{101}^{(20)}m_{120}^{(11)}m_{202}^{(21)} - 2m_{101}^{(20)}m_{120}^{(11)}m_{112}^{(20)} + 2m_{101}^{(20)}m_{120}^{(11)}m_{103}^{(10)} + 2m_{101}^{(20)}m_{120}^{(11)}m_{013}^{(00)}\\
&-8m_{101}^{(20)}m_{120}^{(20)}m_{121}^{(21)} + 4m_{101}^{(20)}m_{120}^{(20)}m_{112}^{(11)} + 4m_{101}^{(20)}m_{120}^{(20)}m_{022}^{(10)} + 4m_{101}^{(20)}m_{120}^{(21)}m_{211}^{(21)}\\
&-2m_{101}^{(20)}m_{120}^{(21)}m_{202}^{(11)} + 4m_{101}^{(20)}m_{120}^{(21)}m_{121}^{(20)} - 4m_{101}^{(20)}m_{120}^{(21)}m_{112}^{(10)} - 2m_{101}^{(20)}m_{120}^{(21)}m_{022}^{(00)}\\
&-4m_{101}^{(20)}m_{111}^{(10)}m_{130}^{(22)} - 4m_{101}^{(20)}m_{111}^{(10)}m_{121}^{(21)} + 4m_{101}^{(20)}m_{111}^{(10)}m_{031}^{(20)} + 4m_{101}^{(20)}m_{111}^{(10)}m_{022}^{(10)}\\
&+4m_{101}^{(20)}m_{111}^{(11)}m_{220}^{(22)} - 4m_{101}^{(20)}m_{111}^{(11)}m_{022}^{(00)} + 8m_{101}^{(20)}m_{111}^{(20)}m_{130}^{(21)} - 8m_{101}^{(20)}m_{111}^{(20)}m_{031}^{(10)}\\
&-4m_{101}^{(20)}m_{111}^{(21)}m_{220}^{(21)} - 4m_{101}^{(20)}m_{111}^{(21)}m_{130}^{(20)} + 4m_{101}^{(20)}m_{111}^{(21)}m_{121}^{(10)} + 4m_{101}^{(20)}m_{111}^{(21)}m_{031}^{(00)}\\
&+2m_{101}^{(20)}m_{102}^{(10)}m_{130}^{(21)} + 2m_{101}^{(20)}m_{102}^{(10)}m_{121}^{(11)} - 2m_{101}^{(20)}m_{102}^{(10)}m_{040}^{(20)} - 2m_{101}^{(20)}m_{102}^{(10)}m_{031}^{(10)}\\
&-2m_{101}^{(20)}m_{102}^{(11)}m_{220}^{(21)} + 2m_{101}^{(20)}m_{102}^{(11)}m_{130}^{(20)} - 2m_{101}^{(20)}m_{102}^{(11)}m_{121}^{(10)} + 2m_{101}^{(20)}m_{102}^{(11)}m_{031}^{(00)}\\
&-4m_{101}^{(20)}m_{102}^{(20)}m_{130}^{(11)} + 4m_{101}^{(20)}m_{102}^{(20)}m_{040}^{(10)} + 2m_{101}^{(20)}m_{102}^{(21)}m_{220}^{(11)} - 2m_{101}^{(20)}m_{102}^{(21)}m_{040}^{(00)}\\
&-2m_{101}^{(20)}m_{030}^{(10)}m_{211}^{(22)} - 2m_{101}^{(20)}m_{030}^{(10)}m_{202}^{(21)} + 2m_{101}^{(20)}m_{030}^{(10)}m_{112}^{(20)} + 2m_{101}^{(20)}m_{030}^{(10)}m_{103}^{(10)}\\
&+2m_{101}^{(20)}m_{030}^{(11)}m_{301}^{(22)} - 2m_{101}^{(20)}m_{030}^{(11)}m_{103}^{(00)} + 4m_{101}^{(20)}m_{030}^{(20)}m_{211}^{(21)} - 4m_{101}^{(20)}m_{030}^{(20)}m_{112}^{(10)}\\
&-2m_{101}^{(20)}m_{030}^{(21)}m_{301}^{(21)} - 2m_{101}^{(20)}m_{030}^{(21)}m_{211}^{(20)} + 2m_{101}^{(20)}m_{030}^{(21)}m_{202}^{(10)} + 2m_{101}^{(20)}m_{030}^{(21)}m_{112}^{(00)}
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&+2m_{101}^{(20)}m_{021}^{(10)}m_{220}^{(22)} + 4m_{101}^{(20)}m_{021}^{(10)}m_{211}^{(21)} + 2m_{101}^{(20)}m_{021}^{(10)}m_{202}^{(11)} - 4m_{101}^{(20)}m_{021}^{(10)}m_{121}^{(20)}\\
&-4m_{101}^{(20)}m_{021}^{(10)}m_{112}^{(10)} - 2m_{101}^{(20)}m_{021}^{(11)}m_{310}^{(22)} - 2m_{101}^{(20)}m_{021}^{(11)}m_{301}^{(21)} + 2m_{101}^{(20)}m_{021}^{(11)}m_{211}^{(20)}\\
&-2m_{101}^{(20)}m_{021}^{(11)}m_{202}^{(10)} + 4m_{101}^{(20)}m_{021}^{(11)}m_{112}^{(00)} - 4m_{101}^{(20)}m_{021}^{(20)}m_{220}^{(21)} - 4m_{101}^{(20)}m_{021}^{(20)}m_{211}^{(11)}\\
&+8m_{101}^{(20)}m_{021}^{(20)}m_{121}^{(10)} + 2m_{101}^{(20)}m_{021}^{(21)}m_{310}^{(21)} + 2m_{101}^{(20)}m_{021}^{(21)}m_{301}^{(11)} + 2m_{101}^{(20)}m_{021}^{(21)}m_{220}^{(20)}\\
&-2m_{101}^{(20)}m_{021}^{(21)}m_{211}^{(10)} - 4m_{101}^{(20)}m_{021}^{(21)}m_{121}^{(00)} - 2m_{101}^{(20)}m_{012}^{(10)}m_{220}^{(21)} - 2m_{101}^{(20)}m_{012}^{(10)}m_{211}^{(11)}\\
&+2m_{101}^{(20)}m_{012}^{(10)}m_{130}^{(20)} + 2m_{101}^{(20)}m_{012}^{(10)}m_{121}^{(10)} + 2m_{101}^{(20)}m_{012}^{(11)}m_{310}^{(21)} - 2m_{101}^{(20)}m_{012}^{(11)}m_{220}^{(20)}\\
&+2m_{101}^{(20)}m_{012}^{(11)}m_{211}^{(10)} - 2m_{101}^{(20)}m_{012}^{(11)}m_{121}^{(00)} + 4m_{101}^{(20)}m_{012}^{(20)}m_{220}^{(11)} - 4m_{101}^{(20)}m_{012}^{(20)}m_{130}^{(10)}\\
&-2m_{101}^{(20)}m_{012}^{(21)}m_{310}^{(11)} + 2m_{101}^{(20)}m_{012}^{(21)}m_{130}^{(00)} + 2m_{101}^{(21)}m_{210}^{(00)}m_{031}^{(22)} - 2m_{101}^{(21)}m_{210}^{(00)}m_{013}^{(11)}\\
&-2m_{101}^{(21)}m_{210}^{(10)}m_{121}^{(22)} + 2m_{101}^{(21)}m_{210}^{(10)}m_{112}^{(21)} - 2m_{101}^{(21)}m_{210}^{(10)}m_{022}^{(20)} + 2m_{101}^{(21)}m_{210}^{(10)}m_{013}^{(10)}\\
&-2m_{101}^{(21)}m_{210}^{(20)}m_{121}^{(21)} + 2m_{101}^{(21)}m_{210}^{(20)}m_{112}^{(11)} - 2m_{101}^{(21)}m_{210}^{(20)}m_{031}^{(20)} + 2m_{101}^{(21)}m_{210}^{(20)}m_{022}^{(10)}\\
&+4m_{101}^{(21)}m_{210}^{(21)}m_{121}^{(20)} - 4m_{101}^{(21)}m_{210}^{(21)}m_{112}^{(10)} - 2m_{101}^{(21)}m_{201}^{(00)}m_{040}^{(22)} + 2m_{101}^{(21)}m_{201}^{(00)}m_{022}^{(11)}\\
&+2m_{101}^{(21)}m_{201}^{(10)}m_{130}^{(22)} - 2m_{101}^{(21)}m_{201}^{(10)}m_{121}^{(21)} + 2m_{101}^{(21)}m_{201}^{(10)}m_{031}^{(20)} - 2m_{101}^{(21)}m_{201}^{(10)}m_{022}^{(10)}\\
&+2m_{101}^{(21)}m_{201}^{(20)}m_{130}^{(21)} - 2m_{101}^{(21)}m_{201}^{(20)}m_{121}^{(11)} + 2m_{101}^{(21)}m_{201}^{(20)}m_{040}^{(20)} - 2m_{101}^{(21)}m_{201}^{(20)}m_{031}^{(10)}\\
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&+2m_{101}^{(21)}m_{120}^{(00)}m_{103}^{(11)} + 2m_{101}^{(21)}m_{120}^{(00)}m_{022}^{(20)} + 2m_{101}^{(21)}m_{120}^{(00)}m_{013}^{(10)} + 4m_{101}^{(21)}m_{120}^{(10)}m_{211}^{(22)}\\
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&+4m_{101}^{(21)}m_{120}^{(20)}m_{211}^{(21)} - 2m_{101}^{(21)}m_{120}^{(20)}m_{202}^{(11)} + 4m_{101}^{(21)}m_{120}^{(20)}m_{121}^{(20)} - 4m_{101}^{(21)}m_{120}^{(20)}m_{112}^{(10)}\\
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&-2m_{101}^{(21)}m_{102}^{(00)}m_{130}^{(21)} - 2m_{101}^{(21)}m_{102}^{(00)}m_{121}^{(11)} + 2m_{101}^{(21)}m_{102}^{(00)}m_{040}^{(20)} + 2m_{101}^{(21)}m_{102}^{(00)}m_{031}^{(10)}\\
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&+2m_{101}^{(21)}m_{030}^{(00)}m_{211}^{(22)} + 2m_{101}^{(21)}m_{030}^{(00)}m_{202}^{(21)} - 2m_{101}^{(21)}m_{030}^{(00)}m_{112}^{(20)} - 2m_{101}^{(21)}m_{030}^{(00)}m_{103}^{(10)}\\
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&+2m_{101}^{(21)}m_{030}^{(20)}m_{202}^{(10)} + 2m_{101}^{(21)}m_{030}^{(20)}m_{112}^{(00)} + 4m_{101}^{(21)}m_{030}^{(21)}m_{301}^{(20)} - 4m_{101}^{(21)}m_{030}^{(21)}m_{202}^{(00)}\\
&-2m_{101}^{(21)}m_{021}^{(00)}m_{220}^{(22)} - 4m_{101}^{(21)}m_{021}^{(00)}m_{211}^{(21)} - 2m_{101}^{(21)}m_{021}^{(00)}m_{202}^{(11)} + 4m_{101}^{(21)}m_{021}^{(00)}m_{121}^{(20)}\\
&+4m_{101}^{(21)}m_{021}^{(00)}m_{112}^{(10)} + 2m_{101}^{(21)}m_{021}^{(10)}m_{310}^{(22)} + 2m_{101}^{(21)}m_{021}^{(10)}m_{301}^{(21)} - 2m_{101}^{(21)}m_{021}^{(10)}m_{211}^{(20)}\\
&+2m_{101}^{(21)}m_{021}^{(10)}m_{202}^{(10)} - 4m_{101}^{(21)}m_{021}^{(10)}m_{112}^{(00)} + 2m_{101}^{(21)}m_{021}^{(20)}m_{310}^{(21)} + 2m_{101}^{(21)}m_{021}^{(20)}m_{301}^{(11)}\\
&+2m_{101}^{(21)}m_{021}^{(20)}m_{220}^{(20)} - 2m_{101}^{(21)}m_{021}^{(20)}m_{211}^{(10)} - 4m_{101}^{(21)}m_{021}^{(20)}m_{121}^{(00)} - 4m_{101}^{(21)}m_{021}^{(21)}m_{310}^{(20)}\\
&-4m_{101}^{(21)}m_{021}^{(21)}m_{301}^{(10)} + 8m_{101}^{(21)}m_{021}^{(21)}m_{211}^{(00)} + 2m_{101}^{(21)}m_{012}^{(00)}m_{220}^{(21)} + 2m_{101}^{(21)}m_{012}^{(00)}m_{211}^{(11)}\\
&-2m_{101}^{(21)}m_{012}^{(00)}m_{130}^{(20)} - 2m_{101}^{(21)}m_{012}^{(00)}m_{121}^{(10)} - 2m_{101}^{(21)}m_{012}^{(10)}m_{310}^{(21)} + 2m_{101}^{(21)}m_{012}^{(10)}m_{220}^{(20)}\\
&-2m_{101}^{(21)}m_{012}^{(10)}m_{211}^{(10)} + 2m_{101}^{(21)}m_{012}^{(10)}m_{121}^{(00)} - 2m_{101}^{(21)}m_{012}^{(20)}m_{310}^{(11)} + 2m_{101}^{(21)}m_{012}^{(20)}m_{130}^{(00)}\\
&+4m_{101}^{(21)}m_{012}^{(21)}m_{310}^{(10)} - 4m_{101}^{(21)}m_{012}^{(21)}m_{220}^{(00)} - 2m_{101}^{(22)}m_{210}^{(00)}m_{031}^{(21)} + 2m_{101}^{(22)}m_{210}^{(00)}m_{022}^{(11)}\\
&+2m_{101}^{(22)}m_{210}^{(10)}m_{121}^{(21)} - 2m_{101}^{(22)}m_{210}^{(10)}m_{112}^{(11)} + 2m_{101}^{(22)}m_{210}^{(10)}m_{031}^{(20)} - 2m_{101}^{(22)}m_{210}^{(10)}m_{022}^{(10)}\\
&-2m_{101}^{(22)}m_{210}^{(20)}m_{121}^{(11)} + 2m_{101}^{(22)}m_{210}^{(20)}m_{112}^{(10)} + 2m_{101}^{(22)}m_{201}^{(00)}m_{040}^{(21)} - 2m_{101}^{(22)}m_{201}^{(00)}m_{031}^{(11)}\\
&-2m_{101}^{(22)}m_{201}^{(10)}m_{130}^{(21)} + 2m_{101}^{(22)}m_{201}^{(10)}m_{121}^{(11)} - 2m_{101}^{(22)}m_{201}^{(10)}m_{040}^{(20)} + 2m_{101}^{(22)}m_{201}^{(10)}m_{031}^{(10)}
\end{aligned}
$$

$$
\begin{aligned}
&+2m_{101}^{(22)}m_{201}^{(11)}m_{130}^{(20)} - 2m_{101}^{(22)}m_{201}^{(11)}m_{121}^{(10)} + 4m_{101}^{(22)}m_{120}^{(00)}m_{121}^{(21)} - 2m_{101}^{(22)}m_{120}^{(00)}m_{112}^{(11)}\\
&-2m_{101}^{(22)}m_{120}^{(00)}m_{022}^{(10)} - 4m_{101}^{(22)}m_{120}^{(10)}m_{211}^{(21)} + 2m_{101}^{(22)}m_{120}^{(10)}m_{202}^{(11)} - 4m_{101}^{(22)}m_{120}^{(10)}m_{121}^{(20)}\\
&+4m_{101}^{(22)}m_{120}^{(10)}m_{112}^{(10)} + 2m_{101}^{(22)}m_{120}^{(10)}m_{022}^{(00)} + 4m_{101}^{(22)}m_{120}^{(11)}m_{211}^{(20)} - 2m_{101}^{(22)}m_{120}^{(11)}m_{202}^{(10)}\\
&-2m_{101}^{(22)}m_{120}^{(11)}m_{112}^{(00)} - 4m_{101}^{(22)}m_{111}^{(00)}m_{130}^{(21)} + 4m_{101}^{(22)}m_{111}^{(00)}m_{031}^{(10)} + 4m_{101}^{(22)}m_{111}^{(10)}m_{220}^{(21)}\\
&+4m_{101}^{(22)}m_{111}^{(10)}m_{130}^{(20)} - 4m_{101}^{(22)}m_{111}^{(10)}m_{121}^{(10)} - 4m_{101}^{(22)}m_{111}^{(10)}m_{031}^{(00)} - 4m_{101}^{(22)}m_{111}^{(11)}m_{220}^{(20)}\\
&+4m_{101}^{(22)}m_{111}^{(11)}m_{121}^{(00)} + 2m_{101}^{(22)}m_{102}^{(00)}m_{130}^{(11)} - 2m_{101}^{(22)}m_{102}^{(00)}m_{040}^{(10)} - 2m_{101}^{(22)}m_{102}^{(10)}m_{220}^{(11)}\\
&+2m_{101}^{(22)}m_{102}^{(10)}m_{040}^{(00)} + 2m_{101}^{(22)}m_{102}^{(11)}m_{220}^{(10)} - 2m_{101}^{(22)}m_{102}^{(11)}m_{130}^{(00)} - 2m_{101}^{(22)}m_{102}^{(00)}m_{030}^{(21)}\\
&+2m_{101}^{(22)}m_{030}^{(00)}m_{112}^{(10)} + 2m_{101}^{(22)}m_{030}^{(10)}m_{301}^{(21)} + 2m_{101}^{(22)}m_{030}^{(10)}m_{211}^{(20)} - 2m_{101}^{(22)}m_{030}^{(10)}m_{202}^{(10)}\\
&-2m_{101}^{(22)}m_{030}^{(10)}m_{112}^{(00)} - 2m_{101}^{(22)}m_{030}^{(11)}m_{301}^{(20)} + 2m_{101}^{(22)}m_{030}^{(11)}m_{202}^{(00)} + 2m_{101}^{(22)}m_{021}^{(00)}m_{220}^{(21)}\\
&+2m_{101}^{(22)}m_{021}^{(00)}m_{211}^{(11)} - 4m_{101}^{(22)}m_{021}^{(00)}m_{121}^{(10)} - 2m_{101}^{(22)}m_{021}^{(10)}m_{310}^{(21)} - 2m_{101}^{(22)}m_{021}^{(10)}m_{301}^{(11)}\\
&-2m_{101}^{(22)}m_{021}^{(10)}m_{220}^{(20)} + 2m_{101}^{(22)}m_{021}^{(10)}m_{211}^{(10)} + 4m_{101}^{(22)}m_{021}^{(10)}m_{121}^{(00)} + 2m_{101}^{(22)}m_{021}^{(11)}m_{310}^{(20)}\\
&+2m_{101}^{(22)}m_{021}^{(11)}m_{301}^{(10)} - 4m_{101}^{(22)}m_{021}^{(11)}m_{211}^{(00)} - 2m_{101}^{(22)}m_{012}^{(00)}m_{220}^{(11)} + 2m_{101}^{(22)}m_{012}^{(00)}m_{130}^{(10)}\\
&+2m_{101}^{(22)}m_{012}^{(10)}m_{310}^{(11)} - 2m_{101}^{(22)}m_{012}^{(10)}m_{130}^{(00)} - 2m_{101}^{(22)}m_{012}^{(11)}m_{310}^{(10)} + 2m_{101}^{(22)}m_{012}^{(11)}m_{220}^{(00)}\\
&-m_{020}^{(00)}m_{300}^{(11)}m_{013}^{(22)} + m_{020}^{(00)}m_{300}^{(11)}m_{004}^{(21)} + m_{020}^{(00)}m_{300}^{(21)}m_{022}^{(22)} - m_{020}^{(00)}m_{300}^{(21)}m_{004}^{(11)}\\
&-m_{020}^{(00)}m_{300}^{(22)}m_{022}^{(21)} + m_{020}^{(00)}m_{300}^{(22)}m_{013}^{(11)} + m_{020}^{(00)}m_{210}^{(11)}m_{103}^{(22)} - m_{020}^{(00)}m_{210}^{(11)}m_{004}^{(20)}\\
&-m_{020}^{(00)}m_{210}^{(21)}m_{112}^{(22)} - m_{020}^{(00)}m_{210}^{(21)}m_{103}^{(21)} + m_{020}^{(00)}m_{210}^{(20)}m_{013}^{(21)} + m_{020}^{(00)}m_{210}^{(21)}m_{004}^{(10)}\\
&+m_{020}^{(00)}m_{210}^{(22)}m_{112}^{(21)} - m_{020}^{(00)}m_{210}^{(22)}m_{013}^{(10)} + 2m_{020}^{(00)}m_{201}^{(11)}m_{112}^{(22)} - 3m_{020}^{(00)}m_{201}^{(11)}m_{103}^{(21)}\\
&+m_{020}^{(00)}m_{201}^{(11)}m_{013}^{(20)} - 2m_{020}^{(00)}m_{201}^{(21)}m_{121}^{(22)} + m_{020}^{(00)}m_{201}^{(21)}m_{112}^{(21)} + 3m_{020}^{(00)}m_{201}^{(21)}m_{103}^{(11)}\\
&-m_{020}^{(00)}m_{201}^{(21)}m_{022}^{(20)} - m_{020}^{(00)}m_{201}^{(21)}m_{013}^{(10)} + 2m_{020}^{(00)}m_{201}^{(22)}m_{121}^{(21)} - 3m_{020}^{(00)}m_{201}^{(22)}m_{112}^{(11)}\\
&+m_{020}^{(00)}m_{201}^{(22)}m_{022}^{(10)} - 2m_{020}^{(00)}m_{111}^{(11)}m_{202}^{(22)} + 2m_{020}^{(00)}m_{111}^{(11)}m_{103}^{(20)} + 2m_{020}^{(00)}m_{111}^{(21)}m_{211}^{(22)}\\
&+2m_{020}^{(00)}m_{111}^{(21)}m_{202}^{(21)} - 2m_{020}^{(00)}m_{111}^{(21)}m_{112}^{(20)} - 2m_{020}^{(00)}m_{111}^{(21)}m_{103}^{(10)} - 2m_{020}^{(00)}m_{111}^{(22)}m_{211}^{(21)}\\
&+2m_{020}^{(00)}m_{111}^{(22)}m_{112}^{(10)} - m_{020}^{(00)}m_{102}^{(11)}m_{211}^{(22)} + 3m_{020}^{(00)}m_{102}^{(11)}m_{202}^{(21)} - 2m_{020}^{(00)}m_{102}^{(11)}m_{112}^{(20)}\\
&+m_{020}^{(00)}m_{102}^{(21)}m_{220}^{(22)} - 2m_{020}^{(00)}m_{102}^{(21)}m_{211}^{(21)} - 3m_{020}^{(00)}m_{102}^{(21)}m_{202}^{(11)} + 2m_{020}^{(00)}m_{102}^{(21)}m_{121}^{(20)}\\
&+2m_{020}^{(00)}m_{102}^{(21)}m_{112}^{(10)} - m_{020}^{(00)}m_{102}^{(22)}m_{220}^{(21)} + 3m_{020}^{(00)}m_{102}^{(22)}m_{211}^{(11)} - 2m_{020}^{(00)}m_{102}^{(22)}m_{121}^{(10)}\\
&+m_{020}^{(00)}m_{012}^{(11)}m_{301}^{(22)} - m_{020}^{(00)}m_{012}^{(11)}m_{202}^{(20)} - m_{020}^{(00)}m_{012}^{(21)}m_{310}^{(22)} - m_{020}^{(00)}m_{012}^{(21)}m_{301}^{(21)}\\
&+m_{020}^{(00)}m_{012}^{(21)}m_{211}^{(20)} + m_{020}^{(00)}m_{012}^{(21)}m_{202}^{(10)} + m_{020}^{(00)}m_{012}^{(22)}m_{310}^{(21)} - m_{020}^{(00)}m_{012}^{(22)}m_{211}^{(10)}\\
&-m_{020}^{(00)}m_{003}^{(11)}m_{301}^{(21)} + m_{020}^{(00)}m_{003}^{(11)}m_{211}^{(20)} + m_{020}^{(00)}m_{003}^{(21)}m_{310}^{(21)} + m_{020}^{(00)}m_{003}^{(21)}m_{301}^{(11)}\\
&-m_{020}^{(00)}m_{003}^{(21)}m_{220}^{(20)} - m_{020}^{(00)}m_{003}^{(21)}m_{211}^{(10)} - m_{020}^{(00)}m_{003}^{(22)}m_{310}^{(11)} + m_{020}^{(00)}m_{003}^{(22)}m_{220}^{(10)}\\
&+2m_{020}^{(10)}m_{300}^{(10)}m_{013}^{(22)} - 2m_{020}^{(10)}m_{300}^{(10)}m_{004}^{(21)} - m_{020}^{(10)}m_{300}^{(20)}m_{022}^{(22)} + m_{020}^{(10)}m_{300}^{(20)}m_{004}^{(11)}\\
&-m_{020}^{(10)}m_{300}^{(21)}m_{112}^{(22)} + m_{020}^{(10)}m_{300}^{(21)}m_{103}^{(21)} - m_{020}^{(10)}m_{300}^{(20)}m_{013}^{(21)} + m_{020}^{(10)}m_{300}^{(21)}m_{004}^{(10)}\\
&+m_{020}^{(10)}m_{300}^{(22)}m_{112}^{(21)} - m_{020}^{(10)}m_{300}^{(22)}m_{103}^{(11)} + m_{020}^{(10)}m_{300}^{(22)}m_{022}^{(20)} - m_{020}^{(10)}m_{300}^{(22)}m_{013}^{(10)}\\
&-2m_{020}^{(10)}m_{210}^{(10)}m_{103}^{(22)} + 2m_{020}^{(10)}m_{210}^{(10)}m_{004}^{(20)} + m_{020}^{(10)}m_{210}^{(20)}m_{112}^{(22)} + m_{020}^{(10)}m_{210}^{(20)}m_{103}^{(21)}\\
&-m_{020}^{(10)}m_{210}^{(20)}m_{013}^{(20)} - m_{020}^{(10)}m_{210}^{(20)}m_{004}^{(10)} + m_{020}^{(10)}m_{210}^{(21)}m_{202}^{(22)} - m_{020}^{(10)}m_{210}^{(21)}m_{004}^{(00)}\\
&-m_{020}^{(10)}m_{210}^{(22)}m_{202}^{(21)} - m_{020}^{(10)}m_{210}^{(22)}m_{112}^{(20)} + m_{020}^{(10)}m_{210}^{(22)}m_{103}^{(10)} + m_{020}^{(10)}m_{210}^{(22)}m_{013}^{(00)}\\
&-4m_{020}^{(10)}m_{201}^{(10)}m_{112}^{(22)} + 6m_{020}^{(10)}m_{201}^{(10)}m_{103}^{(21)} - 2m_{020}^{(10)}m_{201}^{(10)}m_{013}^{(20)} + 2m_{020}^{(10)}m_{201}^{(20)}m_{121}^{(22)}\\
&-m_{020}^{(10)}m_{201}^{(20)}m_{112}^{(21)} - 3m_{020}^{(10)}m_{201}^{(20)}m_{103}^{(11)} + m_{020}^{(10)}m_{201}^{(20)}m_{022}^{(20)} + m_{020}^{(10)}m_{201}^{(20)}m_{013}^{(10)}\\
&+2m_{020}^{(10)}m_{201}^{(21)}m_{211}^{(22)} - 3m_{020}^{(10)}m_{201}^{(21)}m_{202}^{(21)} + 3m_{020}^{(10)}m_{201}^{(21)}m_{112}^{(20)} - 3m_{020}^{(10)}m_{201}^{(21)}m_{103}^{(10)}\\
&+m_{020}^{(10)}m_{201}^{(21)}m_{013}^{(00)} - 2m_{020}^{(10)}m_{201}^{(22)}m_{211}^{(21)} + 3m_{020}^{(10)}m_{201}^{(22)}m_{202}^{(11)} - 2m_{020}^{(10)}m_{201}^{(22)}m_{121}^{(20)}
\end{aligned}
$$

$$+2m_{020}^{(10)}m_{201}^{(22)}m_{112}^{(10)} - m_{020}^{(10)}m_{201}^{(22)}m_{022}^{(00)} + 4m_{020}^{(10)}m_{111}^{(10)}m_{202}^{(22)} - 4m_{020}^{(10)}m_{111}^{(10)}m_{103}^{(20)}$$
$$-2m_{020}^{(10)}m_{111}^{(20)}m_{211}^{(22)} - 2m_{020}^{(10)}m_{111}^{(20)}m_{202}^{(21)} + 2m_{020}^{(10)}m_{111}^{(20)}m_{112}^{(20)} + 2m_{020}^{(10)}m_{111}^{(20)}m_{103}^{(10)}$$
$$-2m_{020}^{(10)}m_{111}^{(21)}m_{301}^{(22)} + 2m_{020}^{(10)}m_{111}^{(21)}m_{103}^{(00)} + 2m_{020}^{(10)}m_{111}^{(22)}m_{301}^{(21)} + 2m_{020}^{(10)}m_{111}^{(22)}m_{211}^{(20)}$$
$$-2m_{020}^{(10)}m_{111}^{(22)}m_{202}^{(10)} - 2m_{020}^{(10)}m_{111}^{(22)}m_{112}^{(00)} + 2m_{020}^{(10)}m_{102}^{(10)}m_{211}^{(22)} - 6m_{020}^{(10)}m_{102}^{(10)}m_{202}^{(21)}$$
$$+4m_{020}^{(10)}m_{102}^{(10)}m_{112}^{(20)} - m_{020}^{(10)}m_{102}^{(20)}m_{220}^{(22)} + 2m_{020}^{(10)}m_{102}^{(20)}m_{211}^{(21)} + 3m_{020}^{(10)}m_{102}^{(20)}m_{202}^{(11)}$$
$$-2m_{020}^{(10)}m_{102}^{(20)}m_{121}^{(20)} - 2m_{020}^{(10)}m_{102}^{(20)}m_{112}^{(10)} - m_{020}^{(10)}m_{102}^{(21)}m_{310}^{(22)} + 3m_{020}^{(10)}m_{102}^{(21)}m_{301}^{(21)}$$
$$-3m_{020}^{(10)}m_{102}^{(21)}m_{211}^{(20)} + 3m_{020}^{(10)}m_{102}^{(21)}m_{202}^{(10)} - 2m_{020}^{(10)}m_{102}^{(21)}m_{112}^{(00)} + m_{020}^{(10)}m_{102}^{(22)}m_{310}^{(21)}$$
$$-3m_{020}^{(10)}m_{102}^{(22)}m_{301}^{(11)} + m_{020}^{(10)}m_{102}^{(22)}m_{220}^{(20)} - m_{020}^{(10)}m_{102}^{(22)}m_{211}^{(10)} + 2m_{020}^{(10)}m_{102}^{(22)}m_{121}^{(00)}$$
$$-2m_{020}^{(10)}m_{012}^{(10)}m_{301}^{(22)} + 2m_{020}^{(10)}m_{012}^{(10)}m_{202}^{(20)} + m_{020}^{(10)}m_{012}^{(20)}m_{310}^{(22)} + m_{020}^{(10)}m_{012}^{(20)}m_{301}^{(21)}$$
$$-m_{020}^{(10)}m_{012}^{(20)}m_{211}^{(20)} - m_{020}^{(10)}m_{012}^{(20)}m_{202}^{(10)} + m_{020}^{(10)}m_{012}^{(21)}m_{400}^{(22)} - m_{020}^{(10)}m_{012}^{(21)}m_{202}^{(00)}$$
$$-m_{020}^{(10)}m_{012}^{(22)}m_{400}^{(21)} - m_{020}^{(10)}m_{012}^{(22)}m_{310}^{(20)} + m_{020}^{(10)}m_{012}^{(22)}m_{301}^{(10)} + m_{020}^{(10)}m_{012}^{(22)}m_{211}^{(00)}$$
$$+2m_{020}^{(10)}m_{003}^{(10)}m_{301}^{(21)} - 2m_{020}^{(10)}m_{003}^{(10)}m_{211}^{(20)} - m_{020}^{(10)}m_{003}^{(20)}m_{310}^{(21)} - m_{020}^{(10)}m_{003}^{(20)}m_{301}^{(11)}$$
$$+m_{020}^{(10)}m_{003}^{(20)}m_{220}^{(20)} + m_{020}^{(10)}m_{003}^{(20)}m_{211}^{(10)} - m_{020}^{(10)}m_{003}^{(21)}m_{400}^{(21)} + m_{020}^{(10)}m_{003}^{(21)}m_{310}^{(20)}$$
$$-m_{020}^{(10)}m_{003}^{(21)}m_{301}^{(10)} + m_{020}^{(10)}m_{003}^{(21)}m_{211}^{(00)} + m_{020}^{(10)}m_{003}^{(22)}m_{400}^{(11)} - m_{020}^{(10)}m_{003}^{(22)}m_{220}^{(00)}$$
$$-m_{020}^{(11)}m_{300}^{(00)}m_{013}^{(22)} + m_{020}^{(11)}m_{300}^{(00)}m_{004}^{(21)} + m_{020}^{(11)}m_{300}^{(20)}m_{112}^{(22)} - m_{020}^{(11)}m_{300}^{(20)}m_{103}^{(21)}$$
$$+m_{020}^{(11)}m_{300}^{(20)}m_{013}^{(20)} - m_{020}^{(11)}m_{300}^{(20)}m_{004}^{(10)} - m_{020}^{(11)}m_{300}^{(22)}m_{112}^{(20)} + m_{020}^{(11)}m_{300}^{(22)}m_{103}^{(10)}$$
$$+m_{020}^{(11)}m_{210}^{(00)}m_{103}^{(22)} - m_{020}^{(11)}m_{210}^{(00)}m_{004}^{(20)} - m_{020}^{(11)}m_{210}^{(20)}m_{202}^{(22)} + m_{020}^{(11)}m_{210}^{(20)}m_{004}^{(00)}$$
$$+m_{020}^{(11)}m_{210}^{(22)}m_{202}^{(20)} - m_{020}^{(11)}m_{210}^{(22)}m_{103}^{(00)} + 2m_{020}^{(11)}m_{201}^{(00)}m_{112}^{(22)} - 3m_{020}^{(11)}m_{201}^{(00)}m_{103}^{(21)}$$
$$+m_{020}^{(11)}m_{201}^{(00)}m_{013}^{(20)} - 2m_{020}^{(11)}m_{201}^{(20)}m_{211}^{(22)} + 3m_{020}^{(11)}m_{201}^{(20)}m_{202}^{(21)} - 3m_{020}^{(11)}m_{201}^{(20)}m_{112}^{(20)}$$
$$+3m_{020}^{(11)}m_{201}^{(20)}m_{103}^{(10)} - m_{020}^{(11)}m_{201}^{(20)}m_{013}^{(00)} + 2m_{020}^{(11)}m_{201}^{(22)}m_{211}^{(20)} - 3m_{020}^{(11)}m_{201}^{(22)}m_{202}^{(10)}$$
$$+m_{020}^{(11)}m_{201}^{(22)}m_{112}^{(00)} - 2m_{020}^{(11)}m_{111}^{(00)}m_{202}^{(22)} + 2m_{020}^{(11)}m_{111}^{(00)}m_{103}^{(20)} + 2m_{020}^{(11)}m_{111}^{(20)}m_{301}^{(22)}$$
$$-2m_{020}^{(11)}m_{111}^{(20)}m_{103}^{(00)} - 2m_{020}^{(11)}m_{111}^{(22)}m_{301}^{(20)} + 2m_{020}^{(11)}m_{111}^{(22)}m_{202}^{(00)} - m_{020}^{(11)}m_{102}^{(00)}m_{211}^{(22)}$$
$$+3m_{020}^{(11)}m_{102}^{(00)}m_{202}^{(21)} - 2m_{020}^{(11)}m_{102}^{(00)}m_{112}^{(20)} + m_{020}^{(11)}m_{102}^{(20)}m_{310}^{(22)} - 3m_{020}^{(11)}m_{102}^{(20)}m_{301}^{(21)}$$
$$+3m_{020}^{(11)}m_{102}^{(20)}m_{211}^{(20)} - 3m_{020}^{(11)}m_{102}^{(20)}m_{202}^{(10)} + 2m_{020}^{(11)}m_{102}^{(20)}m_{112}^{(00)} - m_{020}^{(11)}m_{102}^{(22)}m_{310}^{(20)}$$
$$+3m_{020}^{(11)}m_{102}^{(22)}m_{301}^{(10)} - 2m_{020}^{(11)}m_{102}^{(22)}m_{211}^{(00)} + m_{020}^{(11)}m_{012}^{(00)}m_{301}^{(22)} - m_{020}^{(11)}m_{012}^{(00)}m_{202}^{(20)}$$
$$-m_{020}^{(11)}m_{012}^{(20)}m_{400}^{(22)} + m_{020}^{(11)}m_{012}^{(20)}m_{202}^{(00)} + m_{020}^{(11)}m_{012}^{(22)}m_{400}^{(20)} - m_{020}^{(11)}m_{012}^{(22)}m_{301}^{(00)}$$
$$-m_{020}^{(11)}m_{003}^{(00)}m_{301}^{(21)} + m_{020}^{(11)}m_{003}^{(00)}m_{211}^{(20)} + m_{020}^{(11)}m_{003}^{(20)}m_{400}^{(21)} - m_{020}^{(11)}m_{003}^{(20)}m_{310}^{(20)}$$
$$+m_{020}^{(11)}m_{003}^{(20)}m_{301}^{(10)} - m_{020}^{(11)}m_{003}^{(20)}m_{211}^{(00)} - m_{020}^{(11)}m_{003}^{(22)}m_{400}^{(10)} + m_{020}^{(11)}m_{003}^{(22)}m_{310}^{(00)}$$
$$-m_{020}^{(20)}m_{300}^{(10)}m_{022}^{(22)} + m_{020}^{(20)}m_{300}^{(10)}m_{004}^{(11)} + m_{020}^{(20)}m_{300}^{(11)}m_{112}^{(22)} - m_{020}^{(20)}m_{300}^{(11)}m_{103}^{(21)}$$
$$+m_{020}^{(20)}m_{300}^{(11)}m_{013}^{(20)} - m_{020}^{(20)}m_{300}^{(11)}m_{004}^{(10)} + 2m_{020}^{(20)}m_{300}^{(20)}m_{022}^{(21)} - 2m_{020}^{(20)}m_{300}^{(20)}m_{013}^{(11)}$$
$$-m_{020}^{(20)}m_{300}^{(21)}m_{112}^{(21)} + m_{020}^{(20)}m_{300}^{(21)}m_{103}^{(11)} - m_{020}^{(20)}m_{300}^{(21)}m_{022}^{(20)} + m_{020}^{(20)}m_{300}^{(21)}m_{013}^{(10)}$$
$$+m_{020}^{(20)}m_{210}^{(10)}m_{112}^{(22)} + m_{020}^{(20)}m_{210}^{(10)}m_{103}^{(21)} - m_{020}^{(20)}m_{210}^{(10)}m_{013}^{(20)} - m_{020}^{(20)}m_{210}^{(10)}m_{004}^{(10)}$$
$$-m_{020}^{(20)}m_{210}^{(11)}m_{202}^{(22)} + m_{020}^{(20)}m_{210}^{(11)}m_{004}^{(00)} - 2m_{020}^{(20)}m_{210}^{(20)}m_{112}^{(21)} + 2m_{020}^{(20)}m_{210}^{(20)}m_{013}^{(10)}$$
$$+m_{020}^{(20)}m_{210}^{(21)}m_{202}^{(21)} + m_{020}^{(20)}m_{210}^{(21)}m_{112}^{(20)} - m_{020}^{(20)}m_{210}^{(21)}m_{103}^{(10)} - m_{020}^{(20)}m_{210}^{(21)}m_{013}^{(00)}$$
$$+2m_{020}^{(20)}m_{201}^{(10)}m_{121}^{(22)} - m_{020}^{(20)}m_{201}^{(10)}m_{112}^{(21)} - 3m_{020}^{(20)}m_{201}^{(10)}m_{103}^{(11)} + m_{020}^{(20)}m_{201}^{(10)}m_{022}^{(20)}$$
$$+m_{020}^{(20)}m_{201}^{(10)}m_{013}^{(10)} - 2m_{020}^{(20)}m_{201}^{(11)}m_{211}^{(22)} + 3m_{020}^{(20)}m_{201}^{(11)}m_{202}^{(21)} - 3m_{020}^{(20)}m_{201}^{(11)}m_{112}^{(20)}$$
$$+3m_{020}^{(20)}m_{201}^{(11)}m_{103}^{(10)} - m_{020}^{(20)}m_{201}^{(11)}m_{013}^{(00)} - 4m_{020}^{(20)}m_{201}^{(20)}m_{121}^{(21)} + 6m_{020}^{(20)}m_{201}^{(20)}m_{112}^{(11)}$$
$$-2m_{020}^{(20)}m_{201}^{(20)}m_{022}^{(10)} + 2m_{020}^{(20)}m_{201}^{(21)}m_{211}^{(21)} - 3m_{020}^{(20)}m_{201}^{(21)}m_{202}^{(11)} + 2m_{020}^{(20)}m_{201}^{(21)}m_{121}^{(20)}$$

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\begin{aligned}
&-2m_{020}^{(20)}m_{201}^{(21)}m_{112}^{(10)} + m_{020}^{(20)}m_{201}^{(21)}m_{022}^{(00)} - 2m_{020}^{(20)}m_{111}^{(10)}m_{211}^{(22)} - 2m_{020}^{(20)}m_{111}^{(10)}m_{202}^{(21)}\\
&+2m_{020}^{(20)}m_{111}^{(10)}m_{112}^{(20)} + 2m_{020}^{(20)}m_{111}^{(10)}m_{103}^{(10)} + 2m_{020}^{(20)}m_{111}^{(11)}m_{301}^{(22)} - 2m_{020}^{(20)}m_{111}^{(11)}m_{103}^{(00)}\\
&+4m_{020}^{(20)}m_{111}^{(20)}m_{211}^{(21)} - 4m_{020}^{(20)}m_{111}^{(20)}m_{112}^{(10)} - 2m_{020}^{(20)}m_{111}^{(21)}m_{301}^{(21)} - 2m_{020}^{(20)}m_{111}^{(21)}m_{211}^{(20)}\\
&+2m_{020}^{(20)}m_{111}^{(21)}m_{202}^{(10)} + 2m_{020}^{(20)}m_{111}^{(21)}m_{112}^{(00)} - m_{020}^{(20)}m_{102}^{(10)}m_{220}^{(22)} + 2m_{020}^{(20)}m_{102}^{(10)}m_{211}^{(21)}\\
&+3m_{020}^{(20)}m_{102}^{(10)}m_{202}^{(11)} - 2m_{020}^{(20)}m_{102}^{(10)}m_{121}^{(20)} - 2m_{020}^{(20)}m_{102}^{(10)}m_{112}^{(10)} + m_{020}^{(20)}m_{102}^{(11)}m_{310}^{(22)}\\
&-3m_{020}^{(20)}m_{102}^{(11)}m_{301}^{(21)} + 3m_{020}^{(20)}m_{102}^{(11)}m_{211}^{(20)} - 3m_{020}^{(20)}m_{102}^{(11)}m_{202}^{(10)} + 2m_{020}^{(20)}m_{102}^{(11)}m_{112}^{(00)}\\
&+2m_{020}^{(20)}m_{102}^{(20)}m_{220}^{(21)} - 6m_{020}^{(20)}m_{102}^{(20)}m_{211}^{(11)} + 4m_{020}^{(20)}m_{102}^{(20)}m_{121}^{(10)} - m_{020}^{(20)}m_{102}^{(21)}m_{310}^{(21)}\\
&+3m_{020}^{(20)}m_{102}^{(21)}m_{301}^{(11)} - m_{020}^{(20)}m_{102}^{(21)}m_{220}^{(20)} + m_{020}^{(20)}m_{102}^{(21)}m_{211}^{(10)} - 2m_{020}^{(20)}m_{102}^{(21)}m_{121}^{(00)}\\
&+m_{020}^{(20)}m_{012}^{(10)}m_{310}^{(22)} + m_{020}^{(20)}m_{012}^{(10)}m_{301}^{(21)} - m_{020}^{(20)}m_{012}^{(10)}m_{211}^{(20)} - m_{020}^{(20)}m_{012}^{(10)}m_{202}^{(10)}\\
&-m_{020}^{(20)}m_{012}^{(11)}m_{400}^{(22)} + m_{020}^{(20)}m_{012}^{(11)}m_{202}^{(00)} - 2m_{020}^{(20)}m_{012}^{(20)}m_{310}^{(21)} + 2m_{020}^{(20)}m_{012}^{(20)}m_{211}^{(10)}\\
&+m_{020}^{(20)}m_{012}^{(21)}m_{400}^{(21)} + m_{020}^{(20)}m_{012}^{(21)}m_{310}^{(20)} - m_{020}^{(20)}m_{012}^{(21)}m_{301}^{(10)} - m_{020}^{(20)}m_{012}^{(21)}m_{211}^{(00)}\\
&-m_{020}^{(20)}m_{003}^{(10)}m_{310}^{(21)} - m_{020}^{(20)}m_{003}^{(10)}m_{301}^{(11)} + m_{020}^{(20)}m_{003}^{(10)}m_{220}^{(20)} + m_{020}^{(20)}m_{003}^{(10)}m_{211}^{(10)}\\
&+m_{020}^{(20)}m_{003}^{(11)}m_{400}^{(21)} - m_{020}^{(20)}m_{003}^{(11)}m_{310}^{(20)} + m_{020}^{(20)}m_{003}^{(11)}m_{301}^{(10)} - m_{020}^{(20)}m_{003}^{(11)}m_{211}^{(00)}\\
&+2m_{020}^{(20)}m_{003}^{(20)}m_{310}^{(11)} - 2m_{020}^{(20)}m_{003}^{(20)}m_{220}^{(10)} - m_{020}^{(20)}m_{003}^{(21)}m_{400}^{(11)} + m_{020}^{(20)}m_{003}^{(21)}m_{220}^{(00)}\\
&+m_{020}^{(21)}m_{300}^{(00)}m_{022}^{(22)} - m_{020}^{(21)}m_{300}^{(00)}m_{004}^{(11)} - m_{020}^{(21)}m_{300}^{(10)}m_{112}^{(22)} + m_{020}^{(21)}m_{300}^{(10)}m_{103}^{(21)}\\
&-m_{020}^{(21)}m_{300}^{(10)}m_{013}^{(20)} + m_{020}^{(21)}m_{300}^{(10)}m_{004}^{(10)} - m_{020}^{(21)}m_{300}^{(20)}m_{112}^{(21)} + m_{020}^{(21)}m_{300}^{(20)}m_{103}^{(11)}\\
&-m_{020}^{(21)}m_{300}^{(20)}m_{022}^{(20)} + m_{020}^{(21)}m_{300}^{(20)}m_{013}^{(10)} + 2m_{020}^{(21)}m_{300}^{(21)}m_{112}^{(20)} - 2m_{020}^{(21)}m_{300}^{(21)}m_{103}^{(10)}\\
&-m_{020}^{(21)}m_{210}^{(00)}m_{112}^{(22)} - m_{020}^{(21)}m_{210}^{(00)}m_{103}^{(21)} + m_{020}^{(21)}m_{210}^{(00)}m_{013}^{(20)} + m_{020}^{(21)}m_{210}^{(00)}m_{004}^{(10)}\\
&+m_{020}^{(21)}m_{210}^{(10)}m_{202}^{(22)} - m_{020}^{(21)}m_{210}^{(10)}m_{004}^{(00)} + m_{020}^{(21)}m_{210}^{(20)}m_{202}^{(21)} + m_{020}^{(21)}m_{210}^{(20)}m_{112}^{(20)}\\
&-m_{020}^{(21)}m_{210}^{(20)}m_{103}^{(10)} - m_{020}^{(21)}m_{210}^{(20)}m_{013}^{(00)} - 2m_{020}^{(21)}m_{210}^{(21)}m_{202}^{(20)} + 2m_{020}^{(21)}m_{210}^{(21)}m_{103}^{(00)}\\
&-2m_{020}^{(21)}m_{201}^{(00)}m_{121}^{(22)} + m_{020}^{(21)}m_{201}^{(00)}m_{112}^{(21)} + 3m_{020}^{(21)}m_{201}^{(00)}m_{103}^{(11)} - m_{020}^{(21)}m_{201}^{(00)}m_{022}^{(20)}\\
&-m_{020}^{(21)}m_{201}^{(00)}m_{013}^{(10)} + 2m_{020}^{(21)}m_{201}^{(10)}m_{211}^{(22)} - 3m_{020}^{(21)}m_{201}^{(10)}m_{202}^{(21)} + 3m_{020}^{(21)}m_{201}^{(10)}m_{112}^{(20)}\\
&-3m_{020}^{(21)}m_{201}^{(10)}m_{103}^{(10)} + m_{020}^{(21)}m_{201}^{(10)}m_{013}^{(00)} + 2m_{020}^{(21)}m_{201}^{(20)}m_{211}^{(21)} - 3m_{020}^{(21)}m_{201}^{(20)}m_{202}^{(11)}\\
&+2m_{020}^{(21)}m_{201}^{(20)}m_{121}^{(20)} - 2m_{020}^{(21)}m_{201}^{(20)}m_{112}^{(10)} + m_{020}^{(21)}m_{201}^{(20)}m_{022}^{(00)} - 4m_{020}^{(21)}m_{201}^{(21)}m_{211}^{(20)}\\
&+6m_{020}^{(21)}m_{201}^{(21)}m_{202}^{(10)} - 2m_{020}^{(21)}m_{201}^{(21)}m_{112}^{(00)} + 2m_{020}^{(21)}m_{111}^{(00)}m_{211}^{(22)} + 2m_{020}^{(21)}m_{111}^{(00)}m_{202}^{(21)}\\
&-2m_{020}^{(21)}m_{111}^{(00)}m_{112}^{(20)} - 2m_{020}^{(21)}m_{111}^{(00)}m_{103}^{(10)} - 2m_{020}^{(21)}m_{111}^{(10)}m_{301}^{(22)} + 2m_{020}^{(21)}m_{111}^{(10)}m_{103}^{(00)}\\
&-2m_{020}^{(21)}m_{111}^{(20)}m_{301}^{(21)} - 2m_{020}^{(21)}m_{111}^{(20)}m_{211}^{(20)} + 2m_{020}^{(21)}m_{111}^{(20)}m_{202}^{(10)} + 2m_{020}^{(21)}m_{111}^{(20)}m_{112}^{(00)}\\
&+4m_{020}^{(21)}m_{111}^{(21)}m_{301}^{(20)} - 4m_{020}^{(21)}m_{111}^{(21)}m_{202}^{(00)} + m_{020}^{(21)}m_{102}^{(00)}m_{220}^{(22)} - 2m_{020}^{(21)}m_{102}^{(00)}m_{211}^{(21)}\\
&-3m_{020}^{(21)}m_{102}^{(00)}m_{202}^{(11)} + 2m_{020}^{(21)}m_{102}^{(00)}m_{121}^{(20)} + 2m_{020}^{(21)}m_{102}^{(00)}m_{112}^{(10)} - m_{020}^{(21)}m_{102}^{(10)}m_{310}^{(22)}\\
&+3m_{020}^{(21)}m_{102}^{(10)}m_{301}^{(21)} - 3m_{020}^{(21)}m_{102}^{(10)}m_{211}^{(20)} + 3m_{020}^{(21)}m_{102}^{(10)}m_{202}^{(10)} - 2m_{020}^{(21)}m_{102}^{(10)}m_{112}^{(00)}\\
&-m_{020}^{(21)}m_{102}^{(20)}m_{310}^{(21)} + 3m_{020}^{(21)}m_{102}^{(20)}m_{301}^{(11)} - m_{020}^{(21)}m_{102}^{(20)}m_{220}^{(20)} + m_{020}^{(21)}m_{102}^{(20)}m_{211}^{(10)}\\
&-2m_{020}^{(21)}m_{102}^{(20)}m_{121}^{(00)} + 2m_{020}^{(21)}m_{102}^{(21)}m_{310}^{(20)} - 6m_{020}^{(21)}m_{102}^{(21)}m_{301}^{(10)} + 4m_{020}^{(21)}m_{102}^{(21)}m_{211}^{(00)}\\
&-m_{020}^{(21)}m_{012}^{(00)}m_{310}^{(22)} - m_{020}^{(21)}m_{012}^{(00)}m_{301}^{(21)} + m_{020}^{(21)}m_{012}^{(00)}m_{211}^{(20)} + m_{020}^{(21)}m_{012}^{(00)}m_{202}^{(10)}\\
&+m_{020}^{(21)}m_{012}^{(10)}m_{400}^{(22)} - m_{020}^{(21)}m_{012}^{(10)}m_{202}^{(00)} + m_{020}^{(21)}m_{012}^{(20)}m_{400}^{(21)} + m_{020}^{(21)}m_{012}^{(20)}m_{310}^{(20)}\\
&-m_{020}^{(21)}m_{012}^{(20)}m_{301}^{(10)} - m_{020}^{(21)}m_{012}^{(20)}m_{211}^{(00)} - 2m_{020}^{(21)}m_{012}^{(21)}m_{400}^{(20)} + 2m_{020}^{(21)}m_{012}^{(21)}m_{301}^{(00)}\\
&+m_{020}^{(21)}m_{003}^{(00)}m_{310}^{(21)} + m_{020}^{(21)}m_{003}^{(00)}m_{301}^{(11)} - m_{020}^{(21)}m_{003}^{(00)}m_{220}^{(20)} - m_{020}^{(21)}m_{003}^{(00)}m_{211}^{(10)}\\
&-m_{020}^{(21)}m_{003}^{(10)}m_{400}^{(21)} + m_{020}^{(21)}m_{003}^{(10)}m_{310}^{(20)} - m_{020}^{(21)}m_{003}^{(10)}m_{301}^{(10)} + m_{020}^{(21)}m_{003}^{(10)}m_{211}^{(00)}\\
&-m_{020}^{(21)}m_{003}^{(20)}m_{400}^{(11)} + m_{020}^{(21)}m_{003}^{(20)}m_{220}^{(00)} + 2m_{020}^{(21)}m_{003}^{(21)}m_{400}^{(10)} - 2m_{020}^{(21)}m_{003}^{(21)}m_{310}^{(00)}
\end{aligned}
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\begin{aligned}
&-m_{020}^{(22)}m_{300}^{(00)}m_{022}^{(21)}+m_{020}^{(22)}m_{300}^{(00)}m_{013}^{(11)}+m_{020}^{(22)}m_{300}^{(10)}m_{112}^{(21)}-m_{020}^{(22)}m_{300}^{(10)}m_{103}^{(11)}\\
&+m_{020}^{(22)}m_{300}^{(10)}m_{022}^{(20)}-m_{020}^{(22)}m_{300}^{(10)}m_{013}^{(10)}-m_{020}^{(22)}m_{300}^{(11)}m_{112}^{(20)}+m_{020}^{(22)}m_{300}^{(11)}m_{103}^{(10)}\\
&+m_{020}^{(22)}m_{210}^{(00)}m_{112}^{(21)}-m_{020}^{(22)}m_{210}^{(00)}m_{013}^{(10)}-m_{020}^{(22)}m_{210}^{(10)}m_{202}^{(21)}-m_{020}^{(22)}m_{210}^{(10)}m_{112}^{(20)}\\
&+m_{020}^{(22)}m_{210}^{(10)}m_{103}^{(10)}+m_{020}^{(22)}m_{210}^{(10)}m_{013}^{(00)}+m_{020}^{(22)}m_{210}^{(11)}m_{202}^{(20)}-m_{020}^{(22)}m_{210}^{(11)}m_{103}^{(00)}\\
&+2m_{020}^{(22)}m_{201}^{(00)}m_{121}^{(21)}-3m_{020}^{(22)}m_{201}^{(00)}m_{112}^{(11)}+m_{020}^{(22)}m_{201}^{(00)}m_{022}^{(10)}-2m_{020}^{(22)}m_{201}^{(10)}m_{211}^{(21)}\\
&+3m_{020}^{(22)}m_{201}^{(10)}m_{202}^{(11)}-2m_{020}^{(22)}m_{201}^{(10)}m_{121}^{(20)}+2m_{020}^{(22)}m_{201}^{(10)}m_{112}^{(10)}-m_{020}^{(22)}m_{201}^{(10)}m_{022}^{(00)}\\
&+2m_{020}^{(22)}m_{201}^{(11)}m_{211}^{(20)}-3m_{020}^{(22)}m_{201}^{(11)}m_{202}^{(10)}+m_{020}^{(22)}m_{201}^{(11)}m_{112}^{(00)}-2m_{020}^{(22)}m_{111}^{(00)}m_{211}^{(21)}\\
&+2m_{020}^{(22)}m_{111}^{(00)}m_{112}^{(10)}+2m_{020}^{(22)}m_{111}^{(10)}m_{301}^{(21)}+2m_{020}^{(22)}m_{111}^{(10)}m_{211}^{(20)}-2m_{020}^{(22)}m_{111}^{(10)}m_{202}^{(10)}\\
&-2m_{020}^{(22)}m_{111}^{(10)}m_{112}^{(00)}-2m_{020}^{(22)}m_{111}^{(11)}m_{301}^{(20)}+2m_{020}^{(22)}m_{111}^{(11)}m_{202}^{(00)}-m_{020}^{(22)}m_{102}^{(00)}m_{220}^{(21)}\\
&+3m_{020}^{(22)}m_{102}^{(00)}m_{211}^{(11)}-2m_{020}^{(22)}m_{102}^{(00)}m_{121}^{(10)}+m_{020}^{(22)}m_{102}^{(10)}m_{310}^{(21)}-3m_{020}^{(22)}m_{102}^{(10)}m_{301}^{(11)}\\
&+m_{020}^{(22)}m_{102}^{(10)}m_{220}^{(20)}-m_{020}^{(22)}m_{102}^{(10)}m_{211}^{(10)}+2m_{020}^{(22)}m_{102}^{(10)}m_{121}^{(00)}-m_{020}^{(22)}m_{102}^{(11)}m_{310}^{(20)}\\
&+3m_{020}^{(22)}m_{102}^{(11)}m_{301}^{(10)}-2m_{020}^{(22)}m_{102}^{(11)}m_{211}^{(00)}+m_{020}^{(22)}m_{012}^{(00)}m_{310}^{(21)}-m_{020}^{(22)}m_{012}^{(00)}m_{211}^{(10)}\\
&-m_{020}^{(22)}m_{012}^{(10)}m_{400}^{(21)}-m_{020}^{(22)}m_{012}^{(10)}m_{310}^{(20)}+m_{020}^{(22)}m_{012}^{(10)}m_{301}^{(10)}+m_{020}^{(22)}m_{012}^{(10)}m_{211}^{(00)}\\
&+m_{020}^{(22)}m_{012}^{(11)}m_{400}^{(20)}-m_{020}^{(22)}m_{012}^{(11)}m_{301}^{(00)}-m_{020}^{(22)}m_{003}^{(00)}m_{310}^{(11)}+m_{020}^{(22)}m_{003}^{(00)}m_{220}^{(10)}\\
&+m_{020}^{(22)}m_{003}^{(10)}m_{400}^{(11)}-m_{020}^{(22)}m_{003}^{(10)}m_{220}^{(00)}-m_{020}^{(22)}m_{003}^{(11)}m_{400}^{(10)}+m_{020}^{(22)}m_{003}^{(11)}m_{310}^{(00)}\\
&+2m_{011}^{(00)}m_{300}^{(11)}m_{022}^{(22)}-2m_{011}^{(00)}m_{300}^{(11)}m_{013}^{(21)}-2m_{011}^{(00)}m_{300}^{(21)}m_{031}^{(22)}+2m_{011}^{(00)}m_{300}^{(21)}m_{013}^{(11)}\\
&+2m_{011}^{(00)}m_{300}^{(22)}m_{031}^{(21)}-2m_{011}^{(00)}m_{300}^{(22)}m_{022}^{(11)}-4m_{011}^{(00)}m_{210}^{(11)}m_{112}^{(22)}+2m_{011}^{(00)}m_{210}^{(11)}m_{103}^{(21)}\\
&+2m_{011}^{(00)}m_{210}^{(11)}m_{013}^{(20)}+4m_{011}^{(00)}m_{210}^{(21)}m_{121}^{(22)}+2m_{011}^{(00)}m_{210}^{(21)}m_{112}^{(21)}-2m_{011}^{(00)}m_{210}^{(21)}m_{103}^{(11)}\\
&-2m_{011}^{(00)}m_{210}^{(21)}m_{022}^{(20)}-2m_{011}^{(00)}m_{210}^{(21)}m_{013}^{(10)}-4m_{011}^{(00)}m_{210}^{(22)}m_{121}^{(21)}+2m_{011}^{(00)}m_{210}^{(22)}m_{112}^{(11)}\\
&+2m_{011}^{(00)}m_{210}^{(22)}m_{022}^{(10)}-2m_{011}^{(00)}m_{201}^{(11)}m_{121}^{(22)}+4m_{011}^{(00)}m_{201}^{(11)}m_{112}^{(21)}-2m_{011}^{(00)}m_{201}^{(11)}m_{022}^{(20)}\\
&+2m_{011}^{(00)}m_{201}^{(21)}m_{130}^{(22)}-2m_{011}^{(00)}m_{201}^{(21)}m_{121}^{(21)}-4m_{011}^{(00)}m_{201}^{(21)}m_{112}^{(11)}+2m_{011}^{(00)}m_{201}^{(21)}m_{031}^{(20)}\\
&+2m_{011}^{(00)}m_{201}^{(21)}m_{022}^{(10)}-2m_{011}^{(00)}m_{201}^{(22)}m_{130}^{(21)}+4m_{011}^{(00)}m_{201}^{(22)}m_{121}^{(11)}-2m_{011}^{(00)}m_{201}^{(22)}m_{031}^{(10)}\\
&+2m_{011}^{(00)}m_{120}^{(11)}m_{202}^{(22)}-2m_{011}^{(00)}m_{120}^{(11)}m_{103}^{(20)}-2m_{011}^{(00)}m_{120}^{(21)}m_{211}^{(22)}-2m_{011}^{(00)}m_{120}^{(21)}m_{202}^{(21)}\\
&+2m_{011}^{(00)}m_{120}^{(21)}m_{112}^{(20)}+2m_{011}^{(00)}m_{120}^{(21)}m_{103}^{(10)}+2m_{011}^{(00)}m_{120}^{(22)}m_{211}^{(21)}-2m_{011}^{(00)}m_{120}^{(22)}m_{112}^{(10)}\\
&+4m_{011}^{(00)}m_{111}^{(11)}m_{211}^{(22)}-4m_{011}^{(00)}m_{111}^{(11)}m_{202}^{(21)}-4m_{011}^{(00)}m_{111}^{(21)}m_{220}^{(22)}+4m_{011}^{(00)}m_{111}^{(21)}m_{202}^{(11)}\\
&+4m_{011}^{(00)}m_{111}^{(22)}m_{220}^{(21)}-4m_{011}^{(00)}m_{111}^{(22)}m_{211}^{(11)}-2m_{011}^{(00)}m_{102}^{(11)}m_{211}^{(21)}+2m_{011}^{(00)}m_{102}^{(11)}m_{121}^{(20)}\\
&+2m_{011}^{(00)}m_{102}^{(21)}m_{220}^{(21)}+2m_{011}^{(00)}m_{102}^{(21)}m_{211}^{(11)}-2m_{011}^{(00)}m_{102}^{(21)}m_{130}^{(20)}-2m_{011}^{(00)}m_{102}^{(21)}m_{121}^{(10)}\\
&-2m_{011}^{(00)}m_{102}^{(22)}m_{220}^{(11)}+2m_{011}^{(00)}m_{102}^{(22)}m_{130}^{(10)}-2m_{011}^{(00)}m_{021}^{(11)}m_{301}^{(22)}+2m_{011}^{(00)}m_{021}^{(11)}m_{202}^{(20)}\\
&+2m_{011}^{(00)}m_{021}^{(21)}m_{310}^{(22)}+2m_{011}^{(00)}m_{021}^{(21)}m_{301}^{(21)}-2m_{011}^{(00)}m_{021}^{(21)}m_{211}^{(20)}-2m_{011}^{(00)}m_{021}^{(21)}m_{202}^{(10)}\\
&-2m_{011}^{(00)}m_{021}^{(22)}m_{310}^{(21)}+2m_{011}^{(00)}m_{021}^{(22)}m_{211}^{(10)}+2m_{011}^{(00)}m_{012}^{(11)}m_{301}^{(21)}-2m_{011}^{(00)}m_{012}^{(11)}m_{211}^{(20)}\\
&-2m_{011}^{(00)}m_{012}^{(21)}m_{310}^{(21)}-2m_{011}^{(00)}m_{012}^{(21)}m_{301}^{(11)}+2m_{011}^{(00)}m_{012}^{(21)}m_{220}^{(20)}+2m_{011}^{(00)}m_{012}^{(21)}m_{211}^{(10)}\\
&+2m_{011}^{(00)}m_{012}^{(22)}m_{310}^{(11)}-2m_{011}^{(00)}m_{012}^{(22)}m_{220}^{(10)}-4m_{011}^{(10)}m_{300}^{(10)}m_{022}^{(22)}+4m_{011}^{(10)}m_{300}^{(10)}m_{013}^{(21)}\\
&+2m_{011}^{(10)}m_{300}^{(20)}m_{031}^{(22)}-2m_{011}^{(10)}m_{300}^{(20)}m_{013}^{(11)}+2m_{011}^{(10)}m_{300}^{(21)}m_{121}^{(22)}-2m_{011}^{(10)}m_{300}^{(21)}m_{112}^{(21)}\\
&+2m_{011}^{(10)}m_{300}^{(21)}m_{022}^{(20)}-2m_{011}^{(10)}m_{300}^{(21)}m_{013}^{(10)}-2m_{011}^{(10)}m_{300}^{(22)}m_{121}^{(21)}+2m_{011}^{(10)}m_{300}^{(22)}m_{112}^{(11)}\\
&-2m_{011}^{(10)}m_{300}^{(22)}m_{031}^{(20)}+2m_{011}^{(10)}m_{300}^{(22)}m_{022}^{(10)}+8m_{011}^{(10)}m_{210}^{(10)}m_{112}^{(22)}-4m_{011}^{(10)}m_{210}^{(10)}m_{103}^{(21)}\\
&-4m_{011}^{(10)}m_{210}^{(10)}m_{013}^{(20)}-4m_{011}^{(10)}m_{210}^{(20)}m_{121}^{(22)}-2m_{011}^{(10)}m_{210}^{(20)}m_{112}^{(21)}+2m_{011}^{(10)}m_{210}^{(20)}m_{103}^{(11)}\\
&+2m_{011}^{(10)}m_{210}^{(20)}m_{022}^{(20)}+2m_{011}^{(10)}m_{210}^{(20)}m_{013}^{(10)}-4m_{011}^{(10)}m_{210}^{(21)}m_{211}^{(22)}+2m_{011}^{(10)}m_{210}^{(21)}m_{202}^{(21)}\\
&-2m_{011}^{(10)}m_{210}^{(21)}m_{112}^{(20)}+2m_{011}^{(10)}m_{210}^{(21)}m_{103}^{(10)}+2m_{011}^{(10)}m_{210}^{(21)}m_{013}^{(00)}+4m_{011}^{(10)}m_{210}^{(22)}m_{211}^{(21)}
\end{aligned}
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\begin{aligned}
&-2m_{011}^{(10)}m_{210}^{(22)}m_{202}^{(11)} + 4m_{011}^{(10)}m_{210}^{(22)}m_{121}^{(20)} - 4m_{011}^{(10)}m_{210}^{(22)}m_{112}^{(10)} - 2m_{011}^{(10)}m_{210}^{(22)}m_{022}^{(00)}\\
&+4m_{011}^{(10)}m_{201}^{(10)}m_{121}^{(22)} - 8m_{011}^{(10)}m_{201}^{(10)}m_{112}^{(21)} + 4m_{011}^{(10)}m_{201}^{(10)}m_{022}^{(20)} - 2m_{011}^{(10)}m_{201}^{(20)}m_{130}^{(22)}\\
&+2m_{011}^{(10)}m_{201}^{(20)}m_{121}^{(21)} + 4m_{011}^{(10)}m_{201}^{(20)}m_{112}^{(11)} - 2m_{011}^{(10)}m_{201}^{(20)}m_{031}^{(20)} - 2m_{011}^{(10)}m_{201}^{(20)}m_{022}^{(10)}\\
&-2m_{011}^{(10)}m_{201}^{(21)}m_{220}^{(22)} + 4m_{011}^{(10)}m_{201}^{(21)}m_{211}^{(21)} - 4m_{011}^{(10)}m_{201}^{(21)}m_{121}^{(20)} + 4m_{011}^{(10)}m_{201}^{(21)}m_{112}^{(10)}\\
&-2m_{011}^{(10)}m_{201}^{(21)}m_{022}^{(00)} + 2m_{011}^{(10)}m_{201}^{(22)}m_{220}^{(21)} - 4m_{011}^{(10)}m_{201}^{(22)}m_{211}^{(11)} + 2m_{011}^{(10)}m_{201}^{(22)}m_{130}^{(20)}\\
&-2m_{011}^{(10)}m_{201}^{(22)}m_{121}^{(10)} + 2m_{011}^{(10)}m_{201}^{(22)}m_{031}^{(00)} - 4m_{011}^{(10)}m_{120}^{(10)}m_{202}^{(22)} + 4m_{011}^{(10)}m_{120}^{(10)}m_{103}^{(20)}\\
&+2m_{011}^{(10)}m_{120}^{(20)}m_{211}^{(22)} + 2m_{011}^{(10)}m_{120}^{(20)}m_{202}^{(21)} - 2m_{011}^{(10)}m_{120}^{(20)}m_{112}^{(20)} - 2m_{011}^{(10)}m_{120}^{(20)}m_{103}^{(10)}\\
&+2m_{011}^{(10)}m_{120}^{(21)}m_{301}^{(22)} - 2m_{011}^{(10)}m_{120}^{(21)}m_{103}^{(00)} - 2m_{011}^{(10)}m_{120}^{(22)}m_{301}^{(21)} - 2m_{011}^{(10)}m_{120}^{(22)}m_{211}^{(20)}\\
&+2m_{011}^{(10)}m_{120}^{(22)}m_{202}^{(10)} + 2m_{011}^{(10)}m_{120}^{(22)}m_{112}^{(00)} - 8m_{011}^{(10)}m_{111}^{(10)}m_{211}^{(22)} + 8m_{011}^{(10)}m_{111}^{(10)}m_{202}^{(21)}\\
&+4m_{011}^{(10)}m_{111}^{(20)}m_{220}^{(22)} - 4m_{011}^{(10)}m_{111}^{(20)}m_{202}^{(11)} + 4m_{011}^{(10)}m_{111}^{(21)}m_{310}^{(22)} - 4m_{011}^{(10)}m_{111}^{(21)}m_{301}^{(21)}\\
&+4m_{011}^{(10)}m_{111}^{(21)}m_{211}^{(20)} - 4m_{011}^{(10)}m_{111}^{(21)}m_{202}^{(10)} - 4m_{011}^{(10)}m_{111}^{(22)}m_{310}^{(21)} + 4m_{011}^{(10)}m_{111}^{(22)}m_{301}^{(11)}\\
&-4m_{011}^{(10)}m_{111}^{(22)}m_{220}^{(20)} + 4m_{011}^{(10)}m_{111}^{(22)}m_{211}^{(10)} + 4m_{011}^{(10)}m_{102}^{(10)}m_{211}^{(21)} - 4m_{011}^{(10)}m_{102}^{(10)}m_{121}^{(20)}\\
&-2m_{011}^{(10)}m_{102}^{(20)}m_{220}^{(21)} - 2m_{011}^{(10)}m_{102}^{(20)}m_{211}^{(11)} + 2m_{011}^{(10)}m_{102}^{(20)}m_{130}^{(20)} + 2m_{011}^{(10)}m_{102}^{(20)}m_{121}^{(10)}\\
&-2m_{011}^{(10)}m_{102}^{(21)}m_{310}^{(21)} + 2m_{011}^{(10)}m_{102}^{(21)}m_{220}^{(20)} - 2m_{011}^{(10)}m_{102}^{(21)}m_{211}^{(10)} + 2m_{011}^{(10)}m_{102}^{(21)}m_{121}^{(00)}\\
&+2m_{011}^{(10)}m_{102}^{(22)}m_{310}^{(11)} - 2m_{011}^{(10)}m_{102}^{(22)}m_{130}^{(00)} + 4m_{011}^{(10)}m_{021}^{(10)}m_{301}^{(22)} - 4m_{011}^{(10)}m_{021}^{(10)}m_{202}^{(20)}\\
&-2m_{011}^{(10)}m_{021}^{(20)}m_{310}^{(22)} - 2m_{011}^{(10)}m_{021}^{(20)}m_{301}^{(21)} + 2m_{011}^{(10)}m_{021}^{(20)}m_{211}^{(20)} + 2m_{011}^{(10)}m_{021}^{(20)}m_{202}^{(10)}\\
&-2m_{011}^{(10)}m_{021}^{(21)}m_{400}^{(22)} + 2m_{011}^{(10)}m_{021}^{(21)}m_{202}^{(00)} + 2m_{011}^{(10)}m_{021}^{(22)}m_{400}^{(21)} + 2m_{011}^{(10)}m_{021}^{(22)}m_{310}^{(20)}\\
&-2m_{011}^{(10)}m_{021}^{(22)}m_{301}^{(10)} - 2m_{011}^{(10)}m_{021}^{(22)}m_{211}^{(00)} - 4m_{011}^{(10)}m_{012}^{(10)}m_{301}^{(21)} + 4m_{011}^{(10)}m_{012}^{(10)}m_{211}^{(20)}\\
&+2m_{011}^{(10)}m_{012}^{(20)}m_{310}^{(21)} + 2m_{011}^{(10)}m_{012}^{(20)}m_{301}^{(11)} - 2m_{011}^{(10)}m_{012}^{(20)}m_{220}^{(20)} - 2m_{011}^{(10)}m_{012}^{(20)}m_{211}^{(10)}\\
&+2m_{011}^{(10)}m_{012}^{(21)}m_{400}^{(21)} - 2m_{011}^{(10)}m_{012}^{(21)}m_{310}^{(20)} + 2m_{011}^{(10)}m_{012}^{(21)}m_{301}^{(10)} - 2m_{011}^{(10)}m_{012}^{(21)}m_{211}^{(00)}\\
&-2m_{011}^{(10)}m_{012}^{(22)}m_{400}^{(11)} + 2m_{011}^{(10)}m_{012}^{(22)}m_{220}^{(00)} + 2m_{011}^{(11)}m_{300}^{(00)}m_{022}^{(22)} - 2m_{011}^{(11)}m_{300}^{(00)}m_{013}^{(21)}\\
&-2m_{011}^{(11)}m_{300}^{(20)}m_{121}^{(22)} + 2m_{011}^{(11)}m_{300}^{(20)}m_{112}^{(21)} - 2m_{011}^{(11)}m_{300}^{(20)}m_{022}^{(20)} + 2m_{011}^{(11)}m_{300}^{(20)}m_{013}^{(10)}\\
&+2m_{011}^{(11)}m_{300}^{(22)}m_{121}^{(20)} - 2m_{011}^{(11)}m_{300}^{(22)}m_{112}^{(10)} - 4m_{011}^{(11)}m_{210}^{(00)}m_{112}^{(22)} + 2m_{011}^{(11)}m_{210}^{(00)}m_{103}^{(21)}\\
&+2m_{011}^{(11)}m_{210}^{(00)}m_{013}^{(20)} + 4m_{011}^{(11)}m_{210}^{(20)}m_{211}^{(22)} - 2m_{011}^{(11)}m_{210}^{(20)}m_{202}^{(21)} + 2m_{011}^{(11)}m_{210}^{(20)}m_{112}^{(20)}\\
&-2m_{011}^{(11)}m_{210}^{(20)}m_{103}^{(10)} - 2m_{011}^{(11)}m_{210}^{(20)}m_{013}^{(00)} - 4m_{011}^{(11)}m_{210}^{(22)}m_{211}^{(20)} + 2m_{011}^{(11)}m_{210}^{(22)}m_{202}^{(10)}\\
&+2m_{011}^{(11)}m_{210}^{(22)}m_{112}^{(00)} - 2m_{011}^{(11)}m_{201}^{(00)}m_{121}^{(22)} + 4m_{011}^{(11)}m_{201}^{(00)}m_{112}^{(21)} - 2m_{011}^{(11)}m_{201}^{(00)}m_{022}^{(20)}\\
&+2m_{011}^{(11)}m_{201}^{(20)}m_{220}^{(22)} - 4m_{011}^{(11)}m_{201}^{(20)}m_{211}^{(21)} + 4m_{011}^{(11)}m_{201}^{(20)}m_{121}^{(20)} - 4m_{011}^{(11)}m_{201}^{(20)}m_{112}^{(10)}\\
&+2m_{011}^{(11)}m_{201}^{(20)}m_{022}^{(00)} - 2m_{011}^{(11)}m_{201}^{(22)}m_{220}^{(20)} + 4m_{011}^{(11)}m_{201}^{(22)}m_{211}^{(10)} - 2m_{011}^{(11)}m_{201}^{(22)}m_{121}^{(00)}\\
&+2m_{011}^{(11)}m_{120}^{(00)}m_{202}^{(22)} - 2m_{011}^{(11)}m_{120}^{(00)}m_{103}^{(20)} - 2m_{011}^{(11)}m_{120}^{(20)}m_{301}^{(22)} + 2m_{011}^{(11)}m_{120}^{(20)}m_{103}^{(00)}\\
&+2m_{011}^{(11)}m_{120}^{(22)}m_{301}^{(20)} - 2m_{011}^{(11)}m_{120}^{(22)}m_{202}^{(00)} + 4m_{011}^{(11)}m_{111}^{(00)}m_{211}^{(22)} - 4m_{011}^{(11)}m_{111}^{(00)}m_{202}^{(21)}\\
&-4m_{011}^{(11)}m_{111}^{(20)}m_{310}^{(22)} + 4m_{011}^{(11)}m_{111}^{(20)}m_{301}^{(21)} - 4m_{011}^{(11)}m_{111}^{(20)}m_{211}^{(20)} + 4m_{011}^{(11)}m_{111}^{(20)}m_{202}^{(10)}\\
&+4m_{011}^{(11)}m_{111}^{(22)}m_{310}^{(20)} - 4m_{011}^{(11)}m_{111}^{(22)}m_{301}^{(10)} - 2m_{011}^{(11)}m_{102}^{(00)}m_{211}^{(21)} + 2m_{011}^{(11)}m_{102}^{(00)}m_{121}^{(20)}\\
&+2m_{011}^{(11)}m_{102}^{(20)}m_{310}^{(21)} - 2m_{011}^{(11)}m_{102}^{(20)}m_{220}^{(20)} + 2m_{011}^{(11)}m_{102}^{(20)}m_{211}^{(10)} - 2m_{011}^{(11)}m_{102}^{(20)}m_{121}^{(00)}\\
&-2m_{011}^{(11)}m_{102}^{(22)}m_{310}^{(10)} + 2m_{011}^{(11)}m_{102}^{(22)}m_{220}^{(00)} - 2m_{011}^{(11)}m_{021}^{(00)}m_{301}^{(22)} + 2m_{011}^{(11)}m_{021}^{(00)}m_{202}^{(20)}\\
&+2m_{011}^{(11)}m_{021}^{(20)}m_{400}^{(22)} - 2m_{011}^{(11)}m_{021}^{(20)}m_{202}^{(00)} - 2m_{011}^{(11)}m_{021}^{(22)}m_{400}^{(20)} + 2m_{011}^{(11)}m_{021}^{(22)}m_{301}^{(00)}\\
&+2m_{011}^{(11)}m_{012}^{(00)}m_{301}^{(21)} - 2m_{011}^{(11)}m_{012}^{(00)}m_{211}^{(20)} - 2m_{011}^{(11)}m_{012}^{(20)}m_{400}^{(21)} + 2m_{011}^{(11)}m_{012}^{(20)}m_{310}^{(20)}\\
&-2m_{011}^{(11)}m_{012}^{(20)}m_{301}^{(10)} + 2m_{011}^{(11)}m_{012}^{(20)}m_{211}^{(00)} + 2m_{011}^{(11)}m_{012}^{(22)}m_{400}^{(10)} - 2m_{011}^{(11)}m_{012}^{(22)}m_{310}^{(00)}\\
&+2m_{011}^{(20)}m_{300}^{(10)}m_{031}^{(22)} - 2m_{011}^{(20)}m_{300}^{(10)}m_{013}^{(11)} - 2m_{011}^{(20)}m_{300}^{(11)}m_{121}^{(22)} + 2m_{011}^{(20)}m_{300}^{(11)}m_{112}^{(21)}
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\begin{aligned}
&-2m_{011}^{(20)}m_{300}^{(11)}m_{022}^{(20)} + 2m_{011}^{(20)}m_{300}^{(11)}m_{013}^{(10)} - 4m_{011}^{(20)}m_{300}^{(20)}m_{031}^{(21)} + 4m_{011}^{(20)}m_{300}^{(20)}m_{022}^{(11)} \\
&+2m_{011}^{(20)}m_{300}^{(21)}m_{121}^{(21)} - 2m_{011}^{(20)}m_{300}^{(21)}m_{112}^{(11)} + 2m_{011}^{(20)}m_{300}^{(21)}m_{031}^{(20)} - 2m_{011}^{(20)}m_{300}^{(21)}m_{022}^{(10)} \\
&-4m_{011}^{(20)}m_{210}^{(10)}m_{121}^{(22)} - 2m_{011}^{(20)}m_{210}^{(10)}m_{112}^{(21)} + 2m_{011}^{(20)}m_{210}^{(10)}m_{103}^{(11)} + 2m_{011}^{(20)}m_{210}^{(10)}m_{022}^{(20)} \\
&+2m_{011}^{(20)}m_{210}^{(10)}m_{013}^{(10)} + 4m_{011}^{(20)}m_{210}^{(11)}m_{211}^{(22)} - 2m_{011}^{(20)}m_{210}^{(11)}m_{202}^{(21)} + 2m_{011}^{(20)}m_{210}^{(11)}m_{112}^{(20)} \\
&-2m_{011}^{(20)}m_{210}^{(11)}m_{103}^{(10)} - 2m_{011}^{(20)}m_{210}^{(11)}m_{013}^{(00)} + 8m_{011}^{(20)}m_{210}^{(20)}m_{121}^{(21)} - 4m_{011}^{(20)}m_{210}^{(20)}m_{112}^{(11)} \\
&-4m_{011}^{(20)}m_{210}^{(20)}m_{022}^{(10)} - 4m_{011}^{(20)}m_{210}^{(21)}m_{211}^{(21)} + 2m_{011}^{(20)}m_{210}^{(21)}m_{202}^{(11)} - 4m_{011}^{(20)}m_{210}^{(21)}m_{121}^{(20)} \\
&+4m_{011}^{(20)}m_{210}^{(21)}m_{112}^{(10)} + 2m_{011}^{(20)}m_{210}^{(21)}m_{022}^{(00)} - 2m_{011}^{(20)}m_{201}^{(10)}m_{130}^{(22)} + 2m_{011}^{(20)}m_{201}^{(10)}m_{121}^{(21)} \\
&+4m_{011}^{(20)}m_{201}^{(10)}m_{112}^{(11)} - 2m_{011}^{(20)}m_{201}^{(10)}m_{031}^{(20)} - 2m_{011}^{(20)}m_{201}^{(10)}m_{022}^{(10)} + 2m_{011}^{(20)}m_{201}^{(11)}m_{220}^{(22)} \\
&-4m_{011}^{(20)}m_{201}^{(11)}m_{211}^{(21)} + 4m_{011}^{(20)}m_{201}^{(11)}m_{121}^{(20)} - 4m_{011}^{(20)}m_{201}^{(11)}m_{112}^{(10)} + 2m_{011}^{(20)}m_{201}^{(11)}m_{022}^{(00)} \\
&+4m_{011}^{(20)}m_{201}^{(20)}m_{130}^{(21)} - 8m_{011}^{(20)}m_{201}^{(20)}m_{121}^{(11)} + 4m_{011}^{(20)}m_{201}^{(20)}m_{031}^{(10)} - 2m_{011}^{(20)}m_{201}^{(21)}m_{220}^{(21)} \\
&+4m_{011}^{(20)}m_{201}^{(21)}m_{211}^{(11)} - 2m_{011}^{(20)}m_{201}^{(21)}m_{130}^{(20)} + 2m_{011}^{(20)}m_{201}^{(21)}m_{121}^{(10)} - 2m_{011}^{(20)}m_{201}^{(21)}m_{031}^{(00)} \\
&+2m_{011}^{(20)}m_{120}^{(10)}m_{211}^{(22)} + 2m_{011}^{(20)}m_{120}^{(10)}m_{202}^{(21)} - 2m_{011}^{(20)}m_{120}^{(10)}m_{112}^{(20)} - 2m_{011}^{(20)}m_{120}^{(10)}m_{103}^{(10)} \\
&-2m_{011}^{(20)}m_{120}^{(11)}m_{301}^{(22)} + 2m_{011}^{(20)}m_{120}^{(11)}m_{103}^{(00)} - 4m_{011}^{(20)}m_{120}^{(20)}m_{211}^{(21)} + 4m_{011}^{(20)}m_{120}^{(20)}m_{112}^{(10)} \\
&+2m_{011}^{(20)}m_{120}^{(21)}m_{301}^{(21)} + 2m_{011}^{(20)}m_{120}^{(21)}m_{211}^{(20)} - 2m_{011}^{(20)}m_{120}^{(21)}m_{202}^{(10)} - 2m_{011}^{(20)}m_{120}^{(21)}m_{112}^{(00)} \\
&+4m_{011}^{(20)}m_{111}^{(10)}m_{220}^{(22)} - 4m_{011}^{(20)}m_{111}^{(10)}m_{202}^{(11)} - 4m_{011}^{(20)}m_{111}^{(11)}m_{310}^{(22)} + 4m_{011}^{(20)}m_{111}^{(11)}m_{301}^{(21)} \\
&-4m_{011}^{(20)}m_{111}^{(11)}m_{211}^{(20)} + 4m_{011}^{(20)}m_{111}^{(11)}m_{202}^{(10)} - 8m_{011}^{(20)}m_{111}^{(20)}m_{220}^{(21)} + 8m_{011}^{(20)}m_{111}^{(20)}m_{211}^{(11)} \\
&+4m_{011}^{(20)}m_{111}^{(21)}m_{310}^{(21)} - 4m_{011}^{(20)}m_{111}^{(21)}m_{301}^{(11)} + 4m_{011}^{(20)}m_{111}^{(21)}m_{220}^{(20)} - 4m_{011}^{(20)}m_{111}^{(21)}m_{211}^{(10)} \\
&-2m_{011}^{(20)}m_{102}^{(10)}m_{220}^{(21)} - 2m_{011}^{(20)}m_{102}^{(10)}m_{211}^{(11)} + 2m_{011}^{(20)}m_{102}^{(10)}m_{130}^{(20)} + 2m_{011}^{(20)}m_{102}^{(10)}m_{121}^{(10)} \\
&+2m_{011}^{(20)}m_{102}^{(11)}m_{310}^{(21)} - 2m_{011}^{(20)}m_{102}^{(11)}m_{220}^{(20)} + 2m_{011}^{(20)}m_{102}^{(11)}m_{211}^{(10)} - 2m_{011}^{(20)}m_{102}^{(11)}m_{121}^{(00)} \\
&+4m_{011}^{(20)}m_{102}^{(20)}m_{220}^{(11)} - 4m_{011}^{(20)}m_{102}^{(20)}m_{130}^{(10)} - 2m_{011}^{(20)}m_{102}^{(21)}m_{310}^{(11)} + 2m_{011}^{(20)}m_{102}^{(21)}m_{130}^{(00)} \\
&-2m_{011}^{(20)}m_{021}^{(10)}m_{310}^{(22)} - 2m_{011}^{(20)}m_{021}^{(10)}m_{301}^{(21)} + 2m_{011}^{(20)}m_{021}^{(10)}m_{211}^{(20)} + 2m_{011}^{(20)}m_{021}^{(10)}m_{202}^{(10)} \\
&+2m_{011}^{(20)}m_{021}^{(11)}m_{400}^{(22)} - 2m_{011}^{(20)}m_{021}^{(11)}m_{202}^{(00)} + 4m_{011}^{(20)}m_{021}^{(20)}m_{310}^{(21)} - 4m_{011}^{(20)}m_{021}^{(20)}m_{211}^{(10)} \\
&-2m_{011}^{(20)}m_{021}^{(21)}m_{400}^{(21)} - 2m_{011}^{(20)}m_{021}^{(21)}m_{310}^{(20)} + 2m_{011}^{(20)}m_{021}^{(21)}m_{301}^{(10)} + 2m_{011}^{(20)}m_{021}^{(21)}m_{211}^{(00)} \\
&+2m_{011}^{(20)}m_{012}^{(10)}m_{310}^{(21)} + 2m_{011}^{(20)}m_{012}^{(10)}m_{301}^{(11)} - 2m_{011}^{(20)}m_{012}^{(10)}m_{220}^{(20)} - 2m_{011}^{(20)}m_{012}^{(10)}m_{211}^{(10)} \\
&-2m_{011}^{(20)}m_{012}^{(11)}m_{400}^{(21)} + 2m_{011}^{(20)}m_{012}^{(11)}m_{310}^{(20)} - 2m_{011}^{(20)}m_{012}^{(11)}m_{301}^{(10)} + 2m_{011}^{(20)}m_{012}^{(11)}m_{211}^{(00)} \\
&-4m_{011}^{(20)}m_{012}^{(20)}m_{310}^{(11)} + 4m_{011}^{(20)}m_{012}^{(20)}m_{220}^{(10)} + 2m_{011}^{(20)}m_{012}^{(21)}m_{400}^{(11)} - 2m_{011}^{(20)}m_{012}^{(21)}m_{220}^{(00)} \\
&-2m_{011}^{(21)}m_{300}^{(00)}m_{031}^{(22)} + 2m_{011}^{(21)}m_{300}^{(00)}m_{013}^{(11)} + 2m_{011}^{(21)}m_{300}^{(10)}m_{121}^{(22)} - 2m_{011}^{(21)}m_{300}^{(10)}m_{112}^{(21)} \\
&+2m_{011}^{(21)}m_{300}^{(10)}m_{022}^{(20)} - 2m_{011}^{(21)}m_{300}^{(10)}m_{013}^{(10)} + 2m_{011}^{(21)}m_{300}^{(20)}m_{121}^{(21)} - 2m_{011}^{(21)}m_{300}^{(20)}m_{112}^{(11)} \\
&+2m_{011}^{(21)}m_{300}^{(20)}m_{031}^{(20)} - 2m_{011}^{(21)}m_{300}^{(20)}m_{022}^{(10)} - 4m_{011}^{(21)}m_{300}^{(21)}m_{121}^{(20)} + 4m_{011}^{(21)}m_{300}^{(21)}m_{112}^{(10)} \\
&+4m_{011}^{(21)}m_{210}^{(00)}m_{121}^{(22)} + 2m_{011}^{(21)}m_{210}^{(00)}m_{112}^{(21)} - 2m_{011}^{(21)}m_{210}^{(00)}m_{103}^{(11)} - 2m_{011}^{(21)}m_{210}^{(00)}m_{022}^{(20)} \\
&-2m_{011}^{(21)}m_{210}^{(00)}m_{013}^{(10)} - 4m_{011}^{(21)}m_{210}^{(10)}m_{211}^{(22)} + 2m_{011}^{(21)}m_{210}^{(10)}m_{202}^{(21)} - 2m_{011}^{(21)}m_{210}^{(10)}m_{112}^{(20)} \\
&+2m_{011}^{(21)}m_{210}^{(10)}m_{103}^{(10)} + 2m_{011}^{(21)}m_{210}^{(10)}m_{013}^{(00)} - 4m_{011}^{(21)}m_{210}^{(20)}m_{211}^{(21)} + 2m_{011}^{(21)}m_{210}^{(20)}m_{202}^{(11)} \\
&-4m_{011}^{(21)}m_{210}^{(20)}m_{121}^{(20)} + 4m_{011}^{(21)}m_{210}^{(20)}m_{112}^{(10)} + 2m_{011}^{(21)}m_{210}^{(20)}m_{022}^{(00)} + 8m_{011}^{(21)}m_{210}^{(21)}m_{211}^{(20)} \\
&-4m_{011}^{(21)}m_{210}^{(21)}m_{202}^{(10)} - 4m_{011}^{(21)}m_{210}^{(21)}m_{112}^{(00)} + 2m_{011}^{(21)}m_{201}^{(00)}m_{130}^{(22)} - 2m_{011}^{(21)}m_{201}^{(00)}m_{121}^{(21)} \\
&-4m_{011}^{(21)}m_{201}^{(00)}m_{112}^{(11)} + 2m_{011}^{(21)}m_{201}^{(00)}m_{031}^{(20)} + 2m_{011}^{(21)}m_{201}^{(00)}m_{022}^{(10)} - 2m_{011}^{(21)}m_{201}^{(10)}m_{220}^{(22)} \\
&+4m_{011}^{(21)}m_{201}^{(10)}m_{211}^{(21)} - 4m_{011}^{(21)}m_{201}^{(10)}m_{121}^{(20)} + 4m_{011}^{(21)}m_{201}^{(10)}m_{112}^{(10)} - 2m_{011}^{(21)}m_{201}^{(10)}m_{022}^{(00)} \\
&-2m_{011}^{(21)}m_{201}^{(20)}m_{220}^{(21)} + 4m_{011}^{(21)}m_{201}^{(20)}m_{211}^{(11)} - 2m_{011}^{(21)}m_{201}^{(20)}m_{130}^{(20)} + 2m_{011}^{(21)}m_{201}^{(20)}m_{121}^{(10)} \\
&-2m_{011}^{(21)}m_{201}^{(20)}m_{031}^{(00)} + 4m_{011}^{(21)}m_{201}^{(21)}m_{220}^{(20)} - 8m_{011}^{(21)}m_{201}^{(21)}m_{211}^{(10)} + 4m_{011}^{(21)}m_{201}^{(21)}m_{121}^{(00)}
\end{aligned}
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\begin{aligned}
&-2m_{011}^{(21)}m_{120}^{(00)}m_{211}^{(22)} - 2m_{011}^{(21)}m_{120}^{(00)}m_{202}^{(21)} + 2m_{011}^{(21)}m_{120}^{(00)}m_{112}^{(20)} + 2m_{011}^{(21)}m_{120}^{(00)}m_{103}^{(10)} \\
&+2m_{011}^{(21)}m_{120}^{(10)}m_{301}^{(22)} - 2m_{011}^{(21)}m_{120}^{(10)}m_{103}^{(00)} + 2m_{011}^{(21)}m_{120}^{(20)}m_{301}^{(21)} + 2m_{011}^{(21)}m_{120}^{(20)}m_{211}^{(20)} \\
&-2m_{011}^{(21)}m_{120}^{(20)}m_{202}^{(10)} - 2m_{011}^{(21)}m_{120}^{(20)}m_{112}^{(00)} - 4m_{011}^{(21)}m_{120}^{(21)}m_{301}^{(20)} + 4m_{011}^{(21)}m_{120}^{(21)}m_{202}^{(00)} \\
&-4m_{011}^{(21)}m_{111}^{(00)}m_{220}^{(22)} + 4m_{011}^{(21)}m_{111}^{(00)}m_{202}^{(11)} + 4m_{011}^{(21)}m_{111}^{(10)}m_{310}^{(22)} - 4m_{011}^{(21)}m_{111}^{(10)}m_{301}^{(21)} \\
&+4m_{011}^{(21)}m_{111}^{(10)}m_{211}^{(20)} - 4m_{011}^{(21)}m_{111}^{(10)}m_{202}^{(10)} + 4m_{011}^{(21)}m_{111}^{(20)}m_{310}^{(21)} - 4m_{011}^{(21)}m_{111}^{(20)}m_{301}^{(11)} \\
&+4m_{011}^{(21)}m_{111}^{(20)}m_{220}^{(20)} - 4m_{011}^{(21)}m_{111}^{(20)}m_{211}^{(10)} - 8m_{011}^{(21)}m_{111}^{(21)}m_{310}^{(20)} + 8m_{011}^{(21)}m_{111}^{(21)}m_{301}^{(10)} \\
&+2m_{011}^{(21)}m_{102}^{(00)}m_{220}^{(21)} + 2m_{011}^{(21)}m_{102}^{(00)}m_{211}^{(11)} - 2m_{011}^{(21)}m_{102}^{(00)}m_{130}^{(20)} - 2m_{011}^{(21)}m_{102}^{(00)}m_{121}^{(10)} \\
&-2m_{011}^{(21)}m_{102}^{(10)}m_{310}^{(21)} + 2m_{011}^{(21)}m_{102}^{(10)}m_{220}^{(20)} - 2m_{011}^{(21)}m_{102}^{(10)}m_{211}^{(10)} + 2m_{011}^{(21)}m_{102}^{(10)}m_{121}^{(00)} \\
&-2m_{011}^{(21)}m_{102}^{(20)}m_{310}^{(11)} + 2m_{011}^{(21)}m_{102}^{(20)}m_{130}^{(00)} + 4m_{011}^{(21)}m_{102}^{(21)}m_{310}^{(10)} - 4m_{011}^{(21)}m_{102}^{(21)}m_{220}^{(00)} \\
&+2m_{011}^{(21)}m_{021}^{(00)}m_{310}^{(22)} + 2m_{011}^{(21)}m_{021}^{(00)}m_{301}^{(21)} - 2m_{011}^{(21)}m_{021}^{(00)}m_{211}^{(20)} - 2m_{011}^{(21)}m_{021}^{(00)}m_{202}^{(10)} \\
&-2m_{011}^{(21)}m_{021}^{(10)}m_{400}^{(22)} + 2m_{011}^{(21)}m_{021}^{(10)}m_{202}^{(00)} - 2m_{011}^{(21)}m_{021}^{(20)}m_{400}^{(21)} - 2m_{011}^{(21)}m_{021}^{(20)}m_{310}^{(20)} \\
&+2m_{011}^{(21)}m_{021}^{(20)}m_{301}^{(10)} + 2m_{011}^{(21)}m_{021}^{(20)}m_{211}^{(00)} + 4m_{011}^{(21)}m_{021}^{(21)}m_{400}^{(20)} - 4m_{011}^{(21)}m_{021}^{(21)}m_{301}^{(00)} \\
&-2m_{011}^{(21)}m_{012}^{(00)}m_{310}^{(21)} - 2m_{011}^{(21)}m_{012}^{(00)}m_{301}^{(11)} + 2m_{011}^{(21)}m_{012}^{(00)}m_{220}^{(20)} + 2m_{011}^{(21)}m_{012}^{(00)}m_{211}^{(10)} \\
&+2m_{011}^{(21)}m_{012}^{(10)}m_{400}^{(21)} - 2m_{011}^{(21)}m_{012}^{(10)}m_{310}^{(20)} + 2m_{011}^{(21)}m_{012}^{(10)}m_{301}^{(10)} - 2m_{011}^{(21)}m_{012}^{(10)}m_{211}^{(00)} \\
&+2m_{011}^{(21)}m_{012}^{(20)}m_{400}^{(11)} - 2m_{011}^{(21)}m_{012}^{(20)}m_{220}^{(00)} - 4m_{011}^{(21)}m_{012}^{(21)}m_{400}^{(10)} + 4m_{011}^{(21)}m_{012}^{(21)}m_{310}^{(00)} \\
&+2m_{011}^{(22)}m_{300}^{(00)}m_{031}^{(21)} - 2m_{011}^{(22)}m_{300}^{(00)}m_{022}^{(11)} - 2m_{011}^{(22)}m_{300}^{(10)}m_{121}^{(21)} + 2m_{011}^{(22)}m_{300}^{(10)}m_{112}^{(11)} \\
&-2m_{011}^{(22)}m_{300}^{(10)}m_{031}^{(20)} + 2m_{011}^{(22)}m_{300}^{(10)}m_{022}^{(10)} + 2m_{011}^{(22)}m_{300}^{(11)}m_{121}^{(20)} - 2m_{011}^{(22)}m_{300}^{(11)}m_{112}^{(10)} \\
&-4m_{011}^{(22)}m_{210}^{(00)}m_{121}^{(21)} + 2m_{011}^{(22)}m_{210}^{(00)}m_{112}^{(11)} + 2m_{011}^{(22)}m_{210}^{(00)}m_{022}^{(10)} + 4m_{011}^{(22)}m_{210}^{(10)}m_{211}^{(21)} \\
&-2m_{011}^{(22)}m_{210}^{(10)}m_{202}^{(11)} + 4m_{011}^{(22)}m_{210}^{(10)}m_{121}^{(20)} - 4m_{011}^{(22)}m_{210}^{(10)}m_{112}^{(10)} - 2m_{011}^{(22)}m_{210}^{(10)}m_{022}^{(00)} \\
&-4m_{011}^{(22)}m_{210}^{(11)}m_{211}^{(20)} + 2m_{011}^{(22)}m_{210}^{(11)}m_{202}^{(10)} + 2m_{011}^{(22)}m_{210}^{(11)}m_{112}^{(00)} - 2m_{011}^{(22)}m_{201}^{(00)}m_{130}^{(21)} \\
&+4m_{011}^{(22)}m_{201}^{(00)}m_{121}^{(11)} - 2m_{011}^{(22)}m_{201}^{(00)}m_{031}^{(10)} + 2m_{011}^{(22)}m_{201}^{(10)}m_{220}^{(21)} - 4m_{011}^{(22)}m_{201}^{(10)}m_{211}^{(11)} \\
&+2m_{011}^{(22)}m_{201}^{(10)}m_{130}^{(20)} - 2m_{011}^{(22)}m_{201}^{(10)}m_{121}^{(10)} + 2m_{011}^{(22)}m_{201}^{(10)}m_{031}^{(00)} - 2m_{011}^{(22)}m_{201}^{(11)}m_{220}^{(20)} \\
&+4m_{011}^{(22)}m_{201}^{(11)}m_{211}^{(10)} - 2m_{011}^{(22)}m_{201}^{(11)}m_{121}^{(00)} + 2m_{011}^{(22)}m_{120}^{(00)}m_{211}^{(21)} - 2m_{011}^{(22)}m_{120}^{(00)}m_{112}^{(10)} \\
&-2m_{011}^{(22)}m_{120}^{(10)}m_{301}^{(21)} - 2m_{011}^{(22)}m_{120}^{(10)}m_{211}^{(20)} + 2m_{011}^{(22)}m_{120}^{(10)}m_{202}^{(10)} + 2m_{011}^{(22)}m_{120}^{(10)}m_{112}^{(00)} \\
&+2m_{011}^{(22)}m_{120}^{(11)}m_{301}^{(20)} - 2m_{011}^{(22)}m_{120}^{(11)}m_{202}^{(00)} + 4m_{011}^{(22)}m_{111}^{(00)}m_{220}^{(21)} - 4m_{011}^{(22)}m_{111}^{(00)}m_{211}^{(11)} \\
&-4m_{011}^{(22)}m_{111}^{(10)}m_{310}^{(21)} + 4m_{011}^{(22)}m_{111}^{(10)}m_{301}^{(11)} - 4m_{011}^{(22)}m_{111}^{(10)}m_{220}^{(20)} + 4m_{011}^{(22)}m_{111}^{(10)}m_{211}^{(10)} \\
&+4m_{011}^{(22)}m_{111}^{(11)}m_{310}^{(20)} - 4m_{011}^{(22)}m_{111}^{(11)}m_{301}^{(10)} - 2m_{011}^{(22)}m_{102}^{(00)}m_{220}^{(11)} + 2m_{011}^{(22)}m_{102}^{(00)}m_{130}^{(10)} \\
&+2m_{011}^{(22)}m_{102}^{(10)}m_{310}^{(11)} - 2m_{011}^{(22)}m_{102}^{(10)}m_{130}^{(00)} - 2m_{011}^{(22)}m_{102}^{(11)}m_{310}^{(10)} + 2m_{011}^{(22)}m_{102}^{(11)}m_{220}^{(00)} \\
&-2m_{011}^{(22)}m_{021}^{(00)}m_{310}^{(21)} + 2m_{011}^{(22)}m_{021}^{(00)}m_{211}^{(10)} + 2m_{011}^{(22)}m_{021}^{(10)}m_{400}^{(21)} + 2m_{011}^{(22)}m_{021}^{(10)}m_{310}^{(20)} \\
&-2m_{011}^{(22)}m_{021}^{(10)}m_{301}^{(10)} - 2m_{011}^{(22)}m_{021}^{(10)}m_{211}^{(00)} - 2m_{011}^{(22)}m_{021}^{(11)}m_{400}^{(20)} + 2m_{011}^{(22)}m_{021}^{(11)}m_{301}^{(00)} \\
&+2m_{011}^{(22)}m_{012}^{(00)}m_{310}^{(11)} - 2m_{011}^{(22)}m_{012}^{(00)}m_{220}^{(10)} - 2m_{011}^{(22)}m_{012}^{(10)}m_{400}^{(11)} + 2m_{011}^{(22)}m_{012}^{(10)}m_{220}^{(00)} \\
&+2m_{011}^{(22)}m_{012}^{(11)}m_{400}^{(10)} - 2m_{011}^{(22)}m_{012}^{(11)}m_{310}^{(00)} - m_{002}^{(00)}m_{300}^{(11)}m_{031}^{(22)} + m_{002}^{(00)}m_{300}^{(11)}m_{022}^{(21)} \\
&+m_{002}^{(00)}m_{300}^{(21)}m_{040}^{(22)} - m_{002}^{(00)}m_{300}^{(21)}m_{022}^{(11)} - m_{002}^{(00)}m_{300}^{(22)}m_{040}^{(21)} + m_{002}^{(00)}m_{300}^{(22)}m_{031}^{(11)} \\
&+3m_{002}^{(00)}m_{210}^{(11)}m_{121}^{(22)} - 2m_{002}^{(00)}m_{210}^{(11)}m_{112}^{(21)} - m_{002}^{(00)}m_{210}^{(11)}m_{022}^{(20)} - 3m_{002}^{(00)}m_{210}^{(21)}m_{130}^{(22)} \\
&-m_{002}^{(00)}m_{210}^{(21)}m_{121}^{(21)} + 2m_{002}^{(00)}m_{210}^{(21)}m_{112}^{(11)} + m_{002}^{(00)}m_{210}^{(21)}m_{031}^{(20)} + m_{002}^{(00)}m_{210}^{(21)}m_{022}^{(10)} \\
&+3m_{002}^{(00)}m_{210}^{(22)}m_{130}^{(21)} - 2m_{002}^{(00)}m_{210}^{(22)}m_{121}^{(11)} - m_{002}^{(00)}m_{210}^{(22)}m_{031}^{(10)} - m_{002}^{(00)}m_{201}^{(11)}m_{121}^{(21)} \\
&+m_{002}^{(00)}m_{201}^{(11)}m_{031}^{(20)} + m_{002}^{(00)}m_{201}^{(21)}m_{130}^{(21)} + m_{002}^{(00)}m_{201}^{(21)}m_{121}^{(11)} - m_{002}^{(00)}m_{201}^{(21)}m_{040}^{(20)} \\
&-m_{002}^{(00)}m_{201}^{(21)}m_{031}^{(10)} - m_{002}^{(00)}m_{201}^{(22)}m_{130}^{(11)} + m_{002}^{(00)}m_{201}^{(22)}m_{040}^{(10)} - 3m_{002}^{(00)}m_{120}^{(11)}m_{211}^{(22)}
\end{aligned}
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\begin{aligned}
&+m_{002}^{(00)}m_{120}^{(11)}m_{202}^{(21)}+2m_{002}^{(00)}m_{120}^{(11)}m_{112}^{(20)}+3m_{002}^{(00)}m_{120}^{(21)}m_{220}^{(22)}+2m_{002}^{(00)}m_{120}^{(21)}m_{211}^{(21)}\\
&-m_{002}^{(00)}m_{120}^{(21)}m_{202}^{(11)}-2m_{002}^{(00)}m_{120}^{(21)}m_{121}^{(20)}-2m_{002}^{(00)}m_{120}^{(21)}m_{112}^{(10)}-3m_{002}^{(00)}m_{120}^{(22)}m_{220}^{(21)}\\
&+m_{002}^{(00)}m_{120}^{(22)}m_{211}^{(11)}+2m_{002}^{(00)}m_{120}^{(22)}m_{121}^{(10)}+2m_{002}^{(00)}m_{111}^{(11)}m_{211}^{(21)}-2m_{002}^{(00)}m_{111}^{(11)}m_{121}^{(20)}\\
&-2m_{002}^{(00)}m_{111}^{(21)}m_{220}^{(21)}-2m_{002}^{(00)}m_{111}^{(21)}m_{211}^{(11)}+2m_{002}^{(00)}m_{111}^{(21)}m_{130}^{(20)}+2m_{002}^{(00)}m_{111}^{(21)}m_{121}^{(10)}\\
&+2m_{002}^{(00)}m_{111}^{(22)}m_{220}^{(11)}-2m_{002}^{(00)}m_{111}^{(22)}m_{130}^{(10)}+m_{002}^{(00)}m_{030}^{(11)}m_{301}^{(22)}-m_{002}^{(00)}m_{030}^{(11)}m_{202}^{(20)}\\
&-m_{002}^{(00)}m_{030}^{(21)}m_{310}^{(22)}-m_{002}^{(00)}m_{030}^{(21)}m_{301}^{(21)}+m_{002}^{(00)}m_{030}^{(21)}m_{211}^{(20)}+m_{002}^{(00)}m_{030}^{(21)}m_{202}^{(10)}\\
&+m_{002}^{(00)}m_{030}^{(22)}m_{310}^{(21)}-m_{002}^{(00)}m_{030}^{(22)}m_{211}^{(10)}-m_{002}^{(00)}m_{021}^{(11)}m_{301}^{(21)}+m_{002}^{(00)}m_{021}^{(11)}m_{211}^{(20)}\\
&+m_{002}^{(00)}m_{021}^{(21)}m_{310}^{(21)}+m_{002}^{(00)}m_{021}^{(21)}m_{301}^{(11)}-m_{002}^{(00)}m_{021}^{(21)}m_{220}^{(20)}-m_{002}^{(00)}m_{021}^{(21)}m_{211}^{(10)}\\
&-m_{002}^{(00)}m_{021}^{(22)}m_{310}^{(11)}+m_{002}^{(00)}m_{021}^{(22)}m_{220}^{(10)}+2m_{002}^{(10)}m_{300}^{(10)}m_{031}^{(22)}-2m_{002}^{(10)}m_{300}^{(10)}m_{022}^{(21)}\\
&-m_{002}^{(10)}m_{300}^{(20)}m_{040}^{(22)}+m_{002}^{(10)}m_{300}^{(20)}m_{022}^{(11)}-m_{002}^{(10)}m_{300}^{(21)}m_{130}^{(22)}+m_{002}^{(10)}m_{300}^{(21)}m_{121}^{(21)}\\
&-m_{002}^{(10)}m_{300}^{(21)}m_{031}^{(20)}+m_{002}^{(10)}m_{300}^{(21)}m_{022}^{(10)}+m_{002}^{(10)}m_{300}^{(22)}m_{130}^{(21)}-m_{002}^{(10)}m_{300}^{(22)}m_{121}^{(11)}\\
&+m_{002}^{(10)}m_{300}^{(22)}m_{040}^{(20)}-m_{002}^{(10)}m_{300}^{(22)}m_{031}^{(10)}-6m_{002}^{(10)}m_{210}^{(10)}m_{121}^{(22)}+4m_{002}^{(10)}m_{210}^{(10)}m_{112}^{(21)}\\
&+2m_{002}^{(10)}m_{210}^{(10)}m_{022}^{(20)}+3m_{002}^{(10)}m_{210}^{(20)}m_{130}^{(22)}+m_{002}^{(10)}m_{210}^{(20)}m_{121}^{(21)}-2m_{002}^{(10)}m_{210}^{(20)}m_{112}^{(11)}\\
&-m_{002}^{(10)}m_{210}^{(20)}m_{031}^{(20)}-m_{002}^{(10)}m_{210}^{(20)}m_{022}^{(10)}+3m_{002}^{(10)}m_{210}^{(21)}m_{220}^{(22)}-2m_{002}^{(10)}m_{210}^{(21)}m_{211}^{(21)}\\
&+2m_{002}^{(10)}m_{210}^{(21)}m_{121}^{(20)}-2m_{002}^{(10)}m_{210}^{(21)}m_{112}^{(10)}-m_{002}^{(10)}m_{210}^{(21)}m_{022}^{(00)}-3m_{002}^{(10)}m_{210}^{(22)}m_{220}^{(21)}\\
&+2m_{002}^{(10)}m_{210}^{(22)}m_{211}^{(11)}-3m_{002}^{(10)}m_{210}^{(22)}m_{130}^{(20)}+3m_{002}^{(10)}m_{210}^{(22)}m_{121}^{(10)}+m_{002}^{(10)}m_{210}^{(22)}m_{031}^{(00)}\\
&+2m_{002}^{(10)}m_{201}^{(10)}m_{121}^{(21)}-2m_{002}^{(10)}m_{201}^{(10)}m_{031}^{(20)}-m_{002}^{(10)}m_{201}^{(20)}m_{130}^{(21)}-m_{002}^{(10)}m_{201}^{(20)}m_{121}^{(11)}\\
&+m_{002}^{(10)}m_{201}^{(20)}m_{040}^{(20)}+m_{002}^{(10)}m_{201}^{(20)}m_{031}^{(10)}-m_{002}^{(10)}m_{201}^{(21)}m_{220}^{(21)}+m_{002}^{(10)}m_{201}^{(21)}m_{130}^{(20)}\\
&-m_{002}^{(10)}m_{201}^{(21)}m_{121}^{(10)}+m_{002}^{(10)}m_{201}^{(21)}m_{031}^{(00)}+m_{002}^{(10)}m_{201}^{(22)}m_{220}^{(11)}-m_{002}^{(10)}m_{201}^{(22)}m_{040}^{(00)}\\
&+6m_{002}^{(10)}m_{120}^{(10)}m_{211}^{(22)}-2m_{002}^{(10)}m_{120}^{(10)}m_{202}^{(21)}-4m_{002}^{(10)}m_{120}^{(10)}m_{112}^{(20)}-3m_{002}^{(10)}m_{120}^{(20)}m_{220}^{(22)}\\
&-2m_{002}^{(10)}m_{120}^{(20)}m_{211}^{(21)}+m_{002}^{(10)}m_{120}^{(20)}m_{202}^{(11)}+2m_{002}^{(10)}m_{120}^{(20)}m_{121}^{(20)}+2m_{002}^{(10)}m_{120}^{(20)}m_{112}^{(10)}\\
&-3m_{002}^{(10)}m_{120}^{(21)}m_{310}^{(22)}+m_{002}^{(10)}m_{120}^{(21)}m_{301}^{(21)}-m_{002}^{(10)}m_{120}^{(21)}m_{211}^{(20)}+m_{002}^{(10)}m_{120}^{(21)}m_{202}^{(10)}\\
&+2m_{002}^{(10)}m_{120}^{(21)}m_{112}^{(00)}+3m_{002}^{(10)}m_{120}^{(22)}m_{310}^{(21)}-m_{002}^{(10)}m_{120}^{(22)}m_{301}^{(11)}+3m_{002}^{(10)}m_{120}^{(22)}m_{220}^{(20)}\\
&-3m_{002}^{(10)}m_{120}^{(22)}m_{211}^{(10)}-2m_{002}^{(10)}m_{120}^{(22)}m_{121}^{(00)}-4m_{002}^{(10)}m_{111}^{(10)}m_{211}^{(21)}+4m_{002}^{(10)}m_{111}^{(10)}m_{121}^{(20)}\\
&+2m_{002}^{(10)}m_{111}^{(20)}m_{220}^{(21)}+2m_{002}^{(10)}m_{111}^{(20)}m_{211}^{(11)}-2m_{002}^{(10)}m_{111}^{(20)}m_{130}^{(20)}-2m_{002}^{(10)}m_{111}^{(20)}m_{121}^{(10)}\\
&+2m_{002}^{(10)}m_{111}^{(21)}m_{310}^{(21)}-2m_{002}^{(10)}m_{111}^{(21)}m_{220}^{(20)}+2m_{002}^{(10)}m_{111}^{(21)}m_{211}^{(10)}-2m_{002}^{(10)}m_{111}^{(21)}m_{121}^{(00)}\\
&-2m_{002}^{(10)}m_{111}^{(22)}m_{310}^{(11)}+2m_{002}^{(10)}m_{111}^{(22)}m_{130}^{(00)}-2m_{002}^{(10)}m_{030}^{(10)}m_{301}^{(22)}+2m_{002}^{(10)}m_{030}^{(10)}m_{202}^{(20)}\\
&+m_{002}^{(10)}m_{030}^{(20)}m_{310}^{(22)}+m_{002}^{(10)}m_{030}^{(20)}m_{301}^{(21)}-m_{002}^{(10)}m_{030}^{(20)}m_{211}^{(20)}-m_{002}^{(10)}m_{030}^{(20)}m_{202}^{(10)}\\
&+m_{002}^{(10)}m_{030}^{(21)}m_{400}^{(22)}-m_{002}^{(10)}m_{030}^{(21)}m_{202}^{(00)}-m_{002}^{(10)}m_{030}^{(22)}m_{400}^{(21)}-m_{002}^{(10)}m_{030}^{(22)}m_{310}^{(20)}\\
&+m_{002}^{(10)}m_{030}^{(22)}m_{301}^{(10)}+m_{002}^{(10)}m_{030}^{(22)}m_{211}^{(00)}+2m_{002}^{(10)}m_{021}^{(10)}m_{301}^{(21)}-2m_{002}^{(10)}m_{021}^{(10)}m_{211}^{(20)}\\
&-m_{002}^{(10)}m_{021}^{(20)}m_{310}^{(21)}-m_{002}^{(10)}m_{021}^{(20)}m_{301}^{(11)}+m_{002}^{(10)}m_{021}^{(20)}m_{220}^{(20)}+m_{002}^{(10)}m_{021}^{(20)}m_{211}^{(10)}\\
&-m_{002}^{(10)}m_{021}^{(21)}m_{400}^{(21)}+m_{002}^{(10)}m_{021}^{(21)}m_{310}^{(20)}-m_{002}^{(10)}m_{021}^{(21)}m_{301}^{(10)}+m_{002}^{(10)}m_{021}^{(21)}m_{211}^{(00)}\\
&+m_{002}^{(10)}m_{021}^{(22)}m_{400}^{(11)}-m_{002}^{(10)}m_{021}^{(22)}m_{220}^{(00)}-m_{002}^{(11)}m_{300}^{(00)}m_{031}^{(22)}+m_{002}^{(11)}m_{300}^{(00)}m_{022}^{(21)}\\
&+m_{002}^{(11)}m_{300}^{(20)}m_{130}^{(22)}-m_{002}^{(11)}m_{300}^{(20)}m_{121}^{(21)}+m_{002}^{(11)}m_{300}^{(20)}m_{031}^{(20)}-m_{002}^{(11)}m_{300}^{(20)}m_{022}^{(10)}\\
&-m_{002}^{(11)}m_{300}^{(22)}m_{130}^{(20)}+m_{002}^{(11)}m_{300}^{(22)}m_{121}^{(10)}+3m_{002}^{(11)}m_{210}^{(00)}m_{121}^{(22)}-2m_{002}^{(11)}m_{210}^{(00)}m_{112}^{(21)}\\
&-m_{002}^{(11)}m_{210}^{(00)}m_{022}^{(20)}-3m_{002}^{(11)}m_{210}^{(20)}m_{220}^{(22)}+2m_{002}^{(11)}m_{210}^{(20)}m_{211}^{(21)}-2m_{002}^{(11)}m_{210}^{(20)}m_{121}^{(20)}\\
&+2m_{002}^{(11)}m_{210}^{(20)}m_{112}^{(10)}+m_{002}^{(11)}m_{210}^{(20)}m_{022}^{(00)}+3m_{002}^{(11)}m_{210}^{(22)}m_{220}^{(20)}-2m_{002}^{(11)}m_{210}^{(22)}m_{211}^{(10)}\\
&-m_{002}^{(11)}m_{210}^{(22)}m_{121}^{(00)}-m_{002}^{(11)}m_{201}^{(00)}m_{121}^{(21)}+m_{002}^{(11)}m_{201}^{(00)}m_{031}^{(20)}+m_{002}^{(11)}m_{201}^{(20)}m_{220}^{(21)}
\end{aligned}
$$

$$
\begin{aligned}
&-m_{002}^{(11)}m_{201}^{(20)}m_{130}^{(20)}+m_{002}^{(11)}m_{201}^{(20)}m_{121}^{(10)}-m_{002}^{(11)}m_{201}^{(20)}m_{031}^{(00)}-m_{002}^{(11)}m_{201}^{(22)}m_{220}^{(10)}\\
&+m_{002}^{(11)}m_{201}^{(22)}m_{130}^{(00)}-3m_{002}^{(11)}m_{120}^{(00)}m_{211}^{(22)}+m_{002}^{(11)}m_{120}^{(00)}m_{202}^{(21)}+2m_{002}^{(11)}m_{120}^{(00)}m_{112}^{(20)}\\
&+3m_{002}^{(11)}m_{120}^{(20)}m_{310}^{(22)}-m_{002}^{(11)}m_{120}^{(20)}m_{301}^{(21)}+m_{002}^{(11)}m_{120}^{(20)}m_{211}^{(20)}-m_{002}^{(11)}m_{120}^{(20)}m_{202}^{(10)}\\
&-2m_{002}^{(11)}m_{120}^{(20)}m_{112}^{(00)}-3m_{002}^{(11)}m_{120}^{(22)}m_{310}^{(20)}+m_{002}^{(11)}m_{120}^{(22)}m_{301}^{(10)}+2m_{002}^{(11)}m_{120}^{(22)}m_{211}^{(00)}\\
&+2m_{002}^{(11)}m_{111}^{(00)}m_{211}^{(21)}-2m_{002}^{(11)}m_{111}^{(00)}m_{121}^{(20)}-2m_{002}^{(11)}m_{111}^{(20)}m_{310}^{(21)}+2m_{002}^{(11)}m_{111}^{(20)}m_{220}^{(20)}\\
&-2m_{002}^{(11)}m_{111}^{(20)}m_{211}^{(10)}+2m_{002}^{(11)}m_{111}^{(20)}m_{121}^{(00)}+2m_{002}^{(11)}m_{111}^{(22)}m_{310}^{(10)}-2m_{002}^{(11)}m_{111}^{(22)}m_{220}^{(00)}\\
&+m_{002}^{(11)}m_{030}^{(00)}m_{301}^{(22)}-m_{002}^{(11)}m_{030}^{(00)}m_{202}^{(20)}-m_{002}^{(11)}m_{030}^{(20)}m_{400}^{(22)}+m_{002}^{(11)}m_{030}^{(20)}m_{202}^{(00)}\\
&+m_{002}^{(11)}m_{030}^{(22)}m_{400}^{(20)}-m_{002}^{(11)}m_{030}^{(22)}m_{301}^{(00)}-m_{002}^{(11)}m_{021}^{(00)}m_{301}^{(21)}+m_{002}^{(11)}m_{021}^{(00)}m_{211}^{(20)}\\
&+m_{002}^{(11)}m_{021}^{(20)}m_{400}^{(21)}-m_{002}^{(11)}m_{021}^{(20)}m_{310}^{(20)}+m_{002}^{(11)}m_{021}^{(20)}m_{301}^{(10)}-m_{002}^{(11)}m_{021}^{(20)}m_{211}^{(00)}\\
&-m_{002}^{(11)}m_{021}^{(22)}m_{400}^{(10)}+m_{002}^{(11)}m_{021}^{(22)}m_{310}^{(00)}-m_{002}^{(20)}m_{300}^{(10)}m_{040}^{(22)}+m_{002}^{(20)}m_{300}^{(10)}m_{022}^{(11)}\\
&+m_{002}^{(20)}m_{300}^{(11)}m_{130}^{(22)}-m_{002}^{(20)}m_{300}^{(11)}m_{121}^{(21)}+m_{002}^{(20)}m_{300}^{(11)}m_{031}^{(20)}-m_{002}^{(20)}m_{300}^{(11)}m_{022}^{(10)}\\
&+2m_{002}^{(20)}m_{300}^{(20)}m_{040}^{(21)}-2m_{002}^{(20)}m_{300}^{(20)}m_{031}^{(11)}-m_{002}^{(20)}m_{300}^{(21)}m_{130}^{(21)}+m_{002}^{(20)}m_{300}^{(21)}m_{121}^{(11)}\\
&-m_{002}^{(20)}m_{300}^{(21)}m_{040}^{(20)}+m_{002}^{(20)}m_{300}^{(21)}m_{031}^{(10)}+3m_{002}^{(20)}m_{210}^{(10)}m_{130}^{(22)}+m_{002}^{(20)}m_{210}^{(10)}m_{121}^{(21)}\\
&-2m_{002}^{(20)}m_{210}^{(10)}m_{112}^{(11)}-m_{002}^{(20)}m_{210}^{(10)}m_{031}^{(20)}-m_{002}^{(20)}m_{210}^{(10)}m_{022}^{(10)}-3m_{002}^{(20)}m_{210}^{(11)}m_{220}^{(22)}\\
&+2m_{002}^{(20)}m_{210}^{(11)}m_{211}^{(21)}-2m_{002}^{(20)}m_{210}^{(11)}m_{121}^{(20)}+2m_{002}^{(20)}m_{210}^{(11)}m_{112}^{(10)}+m_{002}^{(20)}m_{210}^{(11)}m_{022}^{(00)}\\
&-6m_{002}^{(20)}m_{210}^{(20)}m_{130}^{(21)}+4m_{002}^{(20)}m_{210}^{(20)}m_{121}^{(11)}+2m_{002}^{(20)}m_{210}^{(20)}m_{031}^{(10)}+3m_{002}^{(20)}m_{210}^{(21)}m_{220}^{(21)}\\
&-2m_{002}^{(20)}m_{210}^{(21)}m_{211}^{(11)}+3m_{002}^{(20)}m_{210}^{(21)}m_{130}^{(20)}-3m_{002}^{(20)}m_{210}^{(21)}m_{121}^{(10)}-m_{002}^{(20)}m_{210}^{(21)}m_{031}^{(00)}\\
&-m_{002}^{(20)}m_{201}^{(10)}m_{130}^{(21)}-m_{002}^{(20)}m_{201}^{(10)}m_{121}^{(11)}+m_{002}^{(20)}m_{201}^{(10)}m_{040}^{(20)}+m_{002}^{(20)}m_{201}^{(10)}m_{031}^{(10)}\\
&+m_{002}^{(20)}m_{201}^{(11)}m_{220}^{(21)}-m_{002}^{(20)}m_{201}^{(11)}m_{130}^{(20)}+m_{002}^{(20)}m_{201}^{(11)}m_{121}^{(10)}-m_{002}^{(20)}m_{201}^{(11)}m_{031}^{(00)}\\
&+2m_{002}^{(20)}m_{201}^{(20)}m_{130}^{(11)}-2m_{002}^{(20)}m_{201}^{(20)}m_{040}^{(10)}-m_{002}^{(20)}m_{201}^{(21)}m_{220}^{(11)}+m_{002}^{(20)}m_{201}^{(21)}m_{040}^{(00)}\\
&-3m_{002}^{(20)}m_{120}^{(10)}m_{220}^{(22)}-2m_{002}^{(20)}m_{120}^{(10)}m_{211}^{(21)}+m_{002}^{(20)}m_{120}^{(10)}m_{202}^{(11)}+2m_{002}^{(20)}m_{120}^{(10)}m_{121}^{(20)}\\
&+2m_{002}^{(20)}m_{120}^{(10)}m_{112}^{(10)}+3m_{002}^{(20)}m_{120}^{(11)}m_{310}^{(22)}-m_{002}^{(20)}m_{120}^{(11)}m_{301}^{(21)}+m_{002}^{(20)}m_{120}^{(11)}m_{211}^{(20)}\\
&-m_{002}^{(20)}m_{120}^{(11)}m_{202}^{(10)}-2m_{002}^{(20)}m_{120}^{(11)}m_{112}^{(00)}+6m_{002}^{(20)}m_{120}^{(20)}m_{220}^{(21)}-2m_{002}^{(20)}m_{120}^{(20)}m_{211}^{(11)}\\
&-4m_{002}^{(20)}m_{120}^{(20)}m_{121}^{(10)}-3m_{002}^{(20)}m_{120}^{(21)}m_{310}^{(21)}+m_{002}^{(20)}m_{120}^{(21)}m_{301}^{(11)}-3m_{002}^{(20)}m_{120}^{(21)}m_{220}^{(20)}\\
&+3m_{002}^{(20)}m_{120}^{(21)}m_{211}^{(10)}+2m_{002}^{(20)}m_{120}^{(21)}m_{121}^{(00)}+2m_{002}^{(20)}m_{111}^{(10)}m_{220}^{(21)}+2m_{002}^{(20)}m_{111}^{(10)}m_{211}^{(11)}\\
&-2m_{002}^{(20)}m_{111}^{(10)}m_{130}^{(20)}-2m_{002}^{(20)}m_{111}^{(10)}m_{121}^{(10)}-2m_{002}^{(20)}m_{111}^{(11)}m_{310}^{(21)}+2m_{002}^{(20)}m_{111}^{(11)}m_{220}^{(20)}\\
&-2m_{002}^{(20)}m_{111}^{(11)}m_{211}^{(10)}+2m_{002}^{(20)}m_{111}^{(11)}m_{121}^{(00)}-4m_{002}^{(20)}m_{111}^{(20)}m_{220}^{(11)}+4m_{002}^{(20)}m_{111}^{(20)}m_{130}^{(10)}\\
&+2m_{002}^{(20)}m_{111}^{(21)}m_{310}^{(11)}-2m_{002}^{(20)}m_{111}^{(21)}m_{130}^{(00)}+m_{002}^{(20)}m_{030}^{(10)}m_{310}^{(22)}+m_{002}^{(20)}m_{030}^{(10)}m_{301}^{(21)}\\
&-m_{002}^{(20)}m_{030}^{(10)}m_{211}^{(20)}-m_{002}^{(20)}m_{030}^{(10)}m_{202}^{(10)}-m_{002}^{(20)}m_{030}^{(11)}m_{400}^{(22)}+m_{002}^{(20)}m_{030}^{(11)}m_{202}^{(00)}\\
&-2m_{002}^{(20)}m_{030}^{(20)}m_{310}^{(21)}+2m_{002}^{(20)}m_{030}^{(20)}m_{211}^{(10)}+m_{002}^{(20)}m_{030}^{(21)}m_{400}^{(21)}+m_{002}^{(20)}m_{030}^{(21)}m_{310}^{(20)}\\
&-m_{002}^{(20)}m_{030}^{(21)}m_{301}^{(10)}-m_{002}^{(20)}m_{030}^{(21)}m_{211}^{(00)}-m_{002}^{(20)}m_{021}^{(10)}m_{310}^{(21)}-m_{002}^{(20)}m_{021}^{(10)}m_{301}^{(11)}\\
&+m_{002}^{(20)}m_{021}^{(10)}m_{220}^{(20)}+m_{002}^{(20)}m_{021}^{(10)}m_{211}^{(10)}+m_{002}^{(20)}m_{021}^{(11)}m_{400}^{(21)}-m_{002}^{(20)}m_{021}^{(11)}m_{310}^{(20)}\\
&+m_{002}^{(20)}m_{021}^{(11)}m_{301}^{(10)}-m_{002}^{(20)}m_{021}^{(11)}m_{211}^{(00)}+2m_{002}^{(20)}m_{021}^{(20)}m_{310}^{(11)}-2m_{002}^{(20)}m_{021}^{(20)}m_{220}^{(10)}\\
&-m_{002}^{(20)}m_{021}^{(21)}m_{400}^{(11)}+m_{002}^{(20)}m_{021}^{(21)}m_{220}^{(00)}+m_{002}^{(21)}m_{300}^{(00)}m_{040}^{(22)}-m_{002}^{(21)}m_{300}^{(00)}m_{022}^{(11)}\\
&-m_{002}^{(21)}m_{300}^{(10)}m_{130}^{(22)}+m_{002}^{(21)}m_{300}^{(10)}m_{121}^{(21)}-m_{002}^{(21)}m_{300}^{(10)}m_{031}^{(20)}+m_{002}^{(21)}m_{300}^{(10)}m_{022}^{(10)}\\
&-m_{002}^{(21)}m_{300}^{(20)}m_{130}^{(21)}+m_{002}^{(21)}m_{300}^{(20)}m_{121}^{(11)}-m_{002}^{(21)}m_{300}^{(20)}m_{040}^{(20)}+m_{002}^{(21)}m_{300}^{(20)}m_{031}^{(10)}\\
&+2m_{002}^{(21)}m_{300}^{(21)}m_{130}^{(20)}-2m_{002}^{(21)}m_{300}^{(21)}m_{121}^{(10)}-3m_{002}^{(21)}m_{210}^{(00)}m_{130}^{(22)}-m_{002}^{(21)}m_{210}^{(00)}m_{121}^{(21)}\\
&+2m_{002}^{(21)}m_{210}^{(00)}m_{112}^{(11)}+m_{002}^{(21)}m_{210}^{(00)}m_{031}^{(20)}+m_{002}^{(21)}m_{210}^{(00)}m_{022}^{(10)}+3m_{002}^{(21)}m_{210}^{(10)}m_{220}^{(22)}
\end{aligned}
$$

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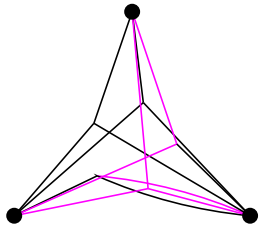
\begin{aligned}
&-2m_{002}^{(21)}m_{210}^{(10)}m_{211}^{(21)}+2m_{002}^{(21)}m_{210}^{(10)}m_{121}^{(20)}-2m_{002}^{(21)}m_{210}^{(10)}m_{112}^{(10)}-m_{002}^{(21)}m_{210}^{(10)}m_{022}^{(00)}\\
&+3m_{002}^{(21)}m_{210}^{(20)}m_{220}^{(21)}-2m_{002}^{(21)}m_{210}^{(20)}m_{211}^{(11)}+3m_{002}^{(21)}m_{210}^{(20)}m_{130}^{(20)}-3m_{002}^{(21)}m_{210}^{(20)}m_{121}^{(10)}\\
&-m_{002}^{(21)}m_{210}^{(20)}m_{031}^{(00)}-6m_{002}^{(21)}m_{210}^{(21)}m_{220}^{(20)}+4m_{002}^{(21)}m_{210}^{(21)}m_{211}^{(10)}+2m_{002}^{(21)}m_{210}^{(21)}m_{121}^{(00)}\\
&+m_{002}^{(21)}m_{201}^{(00)}m_{130}^{(21)}+m_{002}^{(21)}m_{201}^{(00)}m_{121}^{(11)}-m_{002}^{(21)}m_{201}^{(00)}m_{040}^{(20)}-m_{002}^{(21)}m_{201}^{(00)}m_{031}^{(10)}\\
&-m_{002}^{(21)}m_{201}^{(10)}m_{220}^{(21)}+m_{002}^{(21)}m_{201}^{(10)}m_{130}^{(20)}-m_{002}^{(21)}m_{201}^{(10)}m_{121}^{(10)}+m_{002}^{(21)}m_{201}^{(10)}m_{031}^{(00)}\\
&-m_{002}^{(21)}m_{201}^{(20)}m_{220}^{(11)}+m_{002}^{(21)}m_{201}^{(20)}m_{040}^{(00)}+2m_{002}^{(21)}m_{201}^{(21)}m_{220}^{(10)}-2m_{002}^{(21)}m_{201}^{(21)}m_{130}^{(00)}\\
&+3m_{002}^{(21)}m_{120}^{(00)}m_{220}^{(22)}+2m_{002}^{(21)}m_{120}^{(00)}m_{211}^{(21)}-m_{002}^{(21)}m_{120}^{(00)}m_{202}^{(11)}-2m_{002}^{(21)}m_{120}^{(00)}m_{121}^{(20)}\\
&-2m_{002}^{(21)}m_{120}^{(00)}m_{112}^{(10)}-3m_{002}^{(21)}m_{120}^{(10)}m_{310}^{(22)}+m_{002}^{(21)}m_{120}^{(10)}m_{301}^{(21)}-m_{002}^{(21)}m_{120}^{(10)}m_{211}^{(20)}\\
&+m_{002}^{(21)}m_{120}^{(10)}m_{202}^{(10)}+2m_{002}^{(21)}m_{120}^{(10)}m_{112}^{(00)}-3m_{002}^{(21)}m_{120}^{(20)}m_{310}^{(21)}+m_{002}^{(21)}m_{120}^{(20)}m_{301}^{(11)}\\
&-3m_{002}^{(21)}m_{120}^{(20)}m_{220}^{(20)}+3m_{002}^{(21)}m_{120}^{(20)}m_{211}^{(10)}+2m_{002}^{(21)}m_{120}^{(20)}m_{121}^{(00)}+6m_{002}^{(21)}m_{120}^{(21)}m_{310}^{(20)}\\
&-2m_{002}^{(21)}m_{120}^{(21)}m_{301}^{(10)}-4m_{002}^{(21)}m_{120}^{(21)}m_{211}^{(00)}-2m_{002}^{(21)}m_{111}^{(00)}m_{220}^{(21)}-2m_{002}^{(21)}m_{111}^{(00)}m_{211}^{(11)}\\
&+2m_{002}^{(21)}m_{111}^{(00)}m_{130}^{(20)}+2m_{002}^{(21)}m_{111}^{(00)}m_{121}^{(10)}+2m_{002}^{(21)}m_{111}^{(10)}m_{310}^{(21)}-2m_{002}^{(21)}m_{111}^{(10)}m_{220}^{(20)}\\
&+2m_{002}^{(21)}m_{111}^{(10)}m_{211}^{(10)}-2m_{002}^{(21)}m_{111}^{(10)}m_{121}^{(00)}+2m_{002}^{(21)}m_{111}^{(20)}m_{310}^{(11)}-2m_{002}^{(21)}m_{111}^{(20)}m_{130}^{(00)}\\
&-4m_{002}^{(21)}m_{111}^{(21)}m_{310}^{(10)}+4m_{002}^{(21)}m_{111}^{(21)}m_{220}^{(00)}-m_{002}^{(21)}m_{030}^{(00)}m_{310}^{(22)}-m_{002}^{(21)}m_{030}^{(00)}m_{301}^{(21)}\\
&+m_{002}^{(21)}m_{030}^{(00)}m_{211}^{(20)}+m_{002}^{(21)}m_{030}^{(00)}m_{202}^{(10)}+m_{002}^{(21)}m_{030}^{(10)}m_{400}^{(22)}-m_{002}^{(21)}m_{030}^{(10)}m_{202}^{(00)}\\
&+m_{002}^{(21)}m_{030}^{(20)}m_{400}^{(21)}+m_{002}^{(21)}m_{030}^{(20)}m_{310}^{(20)}-m_{002}^{(21)}m_{030}^{(20)}m_{301}^{(10)}-m_{002}^{(21)}m_{030}^{(20)}m_{211}^{(00)}\\
&-2m_{002}^{(21)}m_{030}^{(21)}m_{400}^{(20)}+2m_{002}^{(21)}m_{030}^{(21)}m_{301}^{(00)}+m_{002}^{(21)}m_{021}^{(00)}m_{310}^{(21)}+m_{002}^{(21)}m_{021}^{(00)}m_{301}^{(11)}\\
&-m_{002}^{(21)}m_{021}^{(00)}m_{220}^{(20)}-m_{002}^{(21)}m_{021}^{(00)}m_{211}^{(10)}-m_{002}^{(21)}m_{021}^{(10)}m_{400}^{(21)}+m_{002}^{(21)}m_{021}^{(10)}m_{310}^{(20)}\\
&-m_{002}^{(21)}m_{021}^{(10)}m_{301}^{(10)}+m_{002}^{(21)}m_{021}^{(10)}m_{211}^{(00)}-m_{002}^{(21)}m_{021}^{(20)}m_{400}^{(11)}+m_{002}^{(21)}m_{021}^{(20)}m_{220}^{(00)}\\
&+2m_{002}^{(21)}m_{021}^{(21)}m_{400}^{(10)}-2m_{002}^{(21)}m_{021}^{(21)}m_{310}^{(00)}-m_{002}^{(22)}m_{300}^{(00)}m_{040}^{(21)}+m_{002}^{(22)}m_{300}^{(00)}m_{031}^{(11)}\\
&+m_{002}^{(22)}m_{300}^{(10)}m_{130}^{(21)}-m_{002}^{(22)}m_{300}^{(10)}m_{121}^{(11)}+m_{002}^{(22)}m_{300}^{(10)}m_{040}^{(20)}-m_{002}^{(22)}m_{300}^{(10)}m_{031}^{(10)}\\
&-m_{002}^{(22)}m_{300}^{(11)}m_{130}^{(20)}+m_{002}^{(22)}m_{300}^{(11)}m_{121}^{(10)}+3m_{002}^{(22)}m_{210}^{(00)}m_{130}^{(21)}-2m_{002}^{(22)}m_{210}^{(00)}m_{121}^{(11)}\\
&-m_{002}^{(22)}m_{210}^{(00)}m_{031}^{(10)}-3m_{002}^{(22)}m_{210}^{(10)}m_{220}^{(21)}+2m_{002}^{(22)}m_{210}^{(10)}m_{211}^{(11)}-3m_{002}^{(22)}m_{210}^{(10)}m_{130}^{(20)}\\
&+3m_{002}^{(22)}m_{210}^{(10)}m_{121}^{(10)}+m_{002}^{(22)}m_{210}^{(10)}m_{031}^{(00)}+3m_{002}^{(22)}m_{210}^{(11)}m_{220}^{(20)}-2m_{002}^{(22)}m_{210}^{(11)}m_{211}^{(10)}\\
&-m_{002}^{(22)}m_{210}^{(11)}m_{121}^{(00)}-m_{002}^{(22)}m_{201}^{(00)}m_{130}^{(11)}+m_{002}^{(22)}m_{201}^{(00)}m_{040}^{(10)}+m_{002}^{(22)}m_{201}^{(10)}m_{220}^{(11)}\\
&-m_{002}^{(22)}m_{201}^{(10)}m_{040}^{(00)}-m_{002}^{(22)}m_{201}^{(11)}m_{220}^{(10)}+m_{002}^{(22)}m_{201}^{(11)}m_{130}^{(00)}-3m_{002}^{(22)}m_{120}^{(00)}m_{220}^{(21)}\\
&+m_{002}^{(22)}m_{120}^{(00)}m_{211}^{(11)}+2m_{002}^{(22)}m_{120}^{(00)}m_{121}^{(10)}+3m_{002}^{(22)}m_{120}^{(10)}m_{310}^{(21)}-m_{002}^{(22)}m_{120}^{(10)}m_{301}^{(11)}\\
&+3m_{002}^{(22)}m_{120}^{(10)}m_{220}^{(20)}-3m_{002}^{(22)}m_{120}^{(10)}m_{211}^{(10)}-2m_{002}^{(22)}m_{120}^{(10)}m_{121}^{(00)}-3m_{002}^{(22)}m_{120}^{(11)}m_{310}^{(20)}\\
&+m_{002}^{(22)}m_{120}^{(11)}m_{301}^{(10)}+2m_{002}^{(22)}m_{120}^{(11)}m_{211}^{(00)}+2m_{002}^{(22)}m_{111}^{(00)}m_{220}^{(11)}-2m_{002}^{(22)}m_{111}^{(00)}m_{130}^{(10)}\\
&-2m_{002}^{(22)}m_{111}^{(10)}m_{310}^{(11)}+2m_{002}^{(22)}m_{111}^{(10)}m_{130}^{(00)}+2m_{002}^{(22)}m_{111}^{(11)}m_{310}^{(10)}-2m_{002}^{(22)}m_{111}^{(11)}m_{220}^{(00)}\\
&+m_{002}^{(22)}m_{030}^{(00)}m_{310}^{(21)}-m_{002}^{(22)}m_{030}^{(00)}m_{211}^{(10)}-m_{002}^{(22)}m_{030}^{(10)}m_{400}^{(21)}-m_{002}^{(22)}m_{030}^{(10)}m_{310}^{(20)}\\
&+m_{002}^{(22)}m_{030}^{(10)}m_{301}^{(10)}+m_{002}^{(22)}m_{030}^{(10)}m_{211}^{(00)}+m_{002}^{(22)}m_{030}^{(11)}m_{400}^{(20)}-m_{002}^{(22)}m_{030}^{(11)}m_{301}^{(00)}\\
&-m_{002}^{(22)}m_{021}^{(00)}m_{310}^{(11)}+m_{002}^{(22)}m_{021}^{(00)}m_{220}^{(10)}+m_{002}^{(22)}m_{021}^{(10)}m_{400}^{(11)}-m_{002}^{(22)}m_{021}^{(10)}m_{220}^{(00)}\\
&-m_{002}^{(22)}m_{021}^{(11)}m_{400}^{(10)}+m_{002}^{(22)}m_{021}^{(11)}m_{310}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccccc}
V1 & V1 & 1 & 1 & & 1\\
V2 & V2 & 2 & 2 & V3 & \\
V3 & & 3 & 3 & & 3
\end{array}
$$



$$
\begin{aligned}
T_{127} \;=\;& m_{200}^{(00)} m_{120}^{(11)} m_{013}^{(22)} - m_{200}^{(00)} m_{120}^{(11)} m_{004}^{(21)} - m_{200}^{(00)} m_{120}^{(21)} m_{022}^{(22)} + m_{200}^{(00)} m_{120}^{(21)} m_{004}^{(11)} \\
&+ m_{200}^{(00)} m_{120}^{(22)} m_{022}^{(21)} - m_{200}^{(00)} m_{120}^{(22)} m_{013}^{(11)} - 2m_{200}^{(00)} m_{111}^{(11)} m_{022}^{(22)} + 2m_{200}^{(00)} m_{111}^{(11)} m_{013}^{(21)} \\
&+ 2m_{200}^{(00)} m_{111}^{(21)} m_{031}^{(22)} - 2m_{200}^{(00)} m_{111}^{(21)} m_{013}^{(11)} - 2m_{200}^{(00)} m_{111}^{(22)} m_{031}^{(21)} + 2m_{200}^{(00)} m_{111}^{(22)} m_{022}^{(11)} \\
&+ m_{200}^{(00)} m_{102}^{(11)} m_{031}^{(22)} - m_{200}^{(00)} m_{102}^{(11)} m_{022}^{(21)} - m_{200}^{(00)} m_{102}^{(21)} m_{040}^{(22)} + m_{200}^{(00)} m_{102}^{(21)} m_{022}^{(11)} \\
&+ m_{200}^{(00)} m_{102}^{(22)} m_{040}^{(21)} - m_{200}^{(00)} m_{102}^{(22)} m_{031}^{(11)} - m_{200}^{(00)} m_{030}^{(10)} m_{013}^{(22)} + m_{200}^{(00)} m_{030}^{(10)} m_{004}^{(21)} \\
&+ m_{200}^{(00)} m_{030}^{(20)} m_{022}^{(22)} - m_{200}^{(00)} m_{030}^{(20)} m_{013}^{(21)} + m_{200}^{(00)} m_{030}^{(21)} m_{013}^{(20)} - m_{200}^{(00)} m_{030}^{(21)} m_{004}^{(10)} \\
&- m_{200}^{(00)} m_{030}^{(22)} m_{022}^{(20)} + m_{200}^{(00)} m_{030}^{(22)} m_{013}^{(10)} + 2m_{200}^{(00)} m_{021}^{(10)} m_{022}^{(22)} - m_{200}^{(00)} m_{021}^{(10)} m_{013}^{(21)} \\
&- m_{200}^{(00)} m_{021}^{(10)} m_{004}^{(11)} - m_{200}^{(00)} m_{021}^{(11)} m_{013}^{(20)} + m_{200}^{(00)} m_{021}^{(11)} m_{004}^{(10)} - 2m_{200}^{(00)} m_{021}^{(20)} m_{031}^{(22)} \\
&+ m_{200}^{(00)} m_{021}^{(20)} m_{022}^{(21)} + m_{200}^{(00)} m_{021}^{(20)} m_{013}^{(11)} - m_{200}^{(00)} m_{021}^{(21)} m_{022}^{(20)} + m_{200}^{(00)} m_{021}^{(21)} m_{013}^{(10)} \\
&+ 2m_{200}^{(00)} m_{021}^{(22)} m_{031}^{(20)} - 2m_{200}^{(00)} m_{021}^{(22)} m_{022}^{(10)} - m_{200}^{(00)} m_{012}^{(10)} m_{031}^{(22)} - m_{200}^{(00)} m_{012}^{(10)} m_{022}^{(21)} \\
&+ 2m_{200}^{(00)} m_{012}^{(10)} m_{013}^{(11)} + 2m_{200}^{(00)} m_{012}^{(11)} m_{022}^{(20)} - 2m_{200}^{(00)} m_{012}^{(11)} m_{013}^{(10)} + m_{200}^{(00)} m_{012}^{(20)} m_{040}^{(22)} \\
&+ m_{200}^{(00)} m_{012}^{(20)} m_{031}^{(21)} - 2m_{200}^{(00)} m_{012}^{(20)} m_{022}^{(11)} - m_{200}^{(00)} m_{012}^{(21)} m_{031}^{(20)} + m_{200}^{(00)} m_{012}^{(21)} m_{022}^{(10)} \\
&- m_{200}^{(00)} m_{012}^{(22)} m_{040}^{(20)} + m_{200}^{(00)} m_{012}^{(22)} m_{031}^{(10)} + m_{200}^{(00)} m_{003}^{(10)} m_{031}^{(21)} - m_{200}^{(00)} m_{003}^{(10)} m_{022}^{(11)} \\
&- m_{200}^{(00)} m_{003}^{(11)} m_{031}^{(20)} + m_{200}^{(00)} m_{003}^{(11)} m_{022}^{(10)} - m_{200}^{(00)} m_{003}^{(20)} m_{040}^{(21)} + m_{200}^{(00)} m_{003}^{(20)} m_{031}^{(11)} \\
&+ m_{200}^{(00)} m_{003}^{(21)} m_{040}^{(20)} - m_{200}^{(00)} m_{003}^{(21)} m_{031}^{(10)} - 2m_{200}^{(10)} m_{210}^{(11)} m_{013}^{(22)} + 2m_{200}^{(10)} m_{210}^{(11)} m_{004}^{(21)} \\
&+ 2m_{200}^{(10)} m_{210}^{(21)} m_{022}^{(22)} - 2m_{200}^{(10)} m_{210}^{(21)} m_{004}^{(11)} - 2m_{200}^{(10)} m_{210}^{(22)} m_{022}^{(21)} + 2m_{200}^{(10)} m_{210}^{(22)} m_{013}^{(11)} \\
&+ 2m_{200}^{(10)} m_{201}^{(11)} m_{022}^{(22)} - 2m_{200}^{(10)} m_{201}^{(11)} m_{013}^{(21)} - 2m_{200}^{(10)} m_{201}^{(21)} m_{031}^{(22)} + 2m_{200}^{(10)} m_{201}^{(21)} m_{013}^{(11)} \\
&+ 2m_{200}^{(10)} m_{201}^{(22)} m_{031}^{(21)} - 2m_{200}^{(10)} m_{201}^{(22)} m_{022}^{(11)} + 2m_{200}^{(10)} m_{120}^{(10)} m_{013}^{(22)} - 2m_{200}^{(10)} m_{120}^{(10)} m_{004}^{(21)} \\
&- 2m_{200}^{(10)} m_{120}^{(20)} m_{022}^{(22)} + 2m_{200}^{(10)} m_{120}^{(20)} m_{013}^{(21)} - 2m_{200}^{(10)} m_{120}^{(21)} m_{013}^{(20)} + 2m_{200}^{(10)} m_{120}^{(21)} m_{004}^{(10)} \\
&+ 2m_{200}^{(10)} m_{120}^{(22)} m_{022}^{(20)} - 2m_{200}^{(10)} m_{120}^{(22)} m_{013}^{(10)} - 2m_{200}^{(10)} m_{111}^{(10)} m_{022}^{(22)} + 2m_{200}^{(10)} m_{111}^{(10)} m_{004}^{(11)} \\
&+ 2m_{200}^{(10)} m_{111}^{(11)} m_{022}^{(22)} - 2m_{200}^{(10)} m_{111}^{(11)} m_{112}^{(21)} + 2m_{200}^{(10)} m_{111}^{(11)} m_{013}^{(20)} - 2m_{200}^{(10)} m_{111}^{(11)} m_{004}^{(10)} \\
&+ 2m_{200}^{(10)} m_{111}^{(20)} m_{031}^{(22)} - 2m_{200}^{(10)} m_{111}^{(20)} m_{013}^{(11)} - 2m_{200}^{(10)} m_{111}^{(21)} m_{121}^{(22)} + 2m_{200}^{(10)} m_{111}^{(21)} m_{103}^{(11)} \\
&+ 2m_{200}^{(10)} m_{111}^{(22)} m_{121}^{(21)} - 2m_{200}^{(10)} m_{111}^{(22)} m_{112}^{(11)} - 2m_{200}^{(10)} m_{111}^{(22)} m_{031}^{(20)} + 2m_{200}^{(10)} m_{111}^{(22)} m_{022}^{(10)} \\
&+ 2m_{200}^{(10)} m_{102}^{(10)} m_{022}^{(21)} - 2m_{200}^{(10)} m_{102}^{(10)} m_{013}^{(11)} - 2m_{200}^{(10)} m_{102}^{(11)} m_{121}^{(22)} + 2m_{200}^{(10)} m_{102}^{(11)} m_{112}^{(21)} \\
&- 2m_{200}^{(10)} m_{102}^{(11)} m_{022}^{(20)} + 2m_{200}^{(10)} m_{102}^{(11)} m_{013}^{(10)} - 2m_{200}^{(10)} m_{102}^{(20)} m_{031}^{(21)} + 2m_{200}^{(10)} m_{102}^{(20)} m_{022}^{(11)} \\
&+ 2m_{200}^{(10)} m_{102}^{(21)} m_{130}^{(22)} - 2m_{200}^{(10)} m_{102}^{(21)} m_{112}^{(11)} + 2m_{200}^{(10)} m_{102}^{(21)} m_{031}^{(20)} - 2m_{200}^{(10)} m_{102}^{(21)} m_{022}^{(10)} \\
&- 2m_{200}^{(10)} m_{102}^{(22)} m_{130}^{(21)} + 2m_{200}^{(10)} m_{102}^{(22)} m_{121}^{(11)} - 2m_{200}^{(10)} m_{021}^{(10)} m_{112}^{(22)} + 2m_{200}^{(10)} m_{021}^{(10)} m_{103}^{(21)} \\
&+ 2m_{200}^{(10)} m_{021}^{(20)} m_{121}^{(22)} - 2m_{200}^{(10)} m_{021}^{(20)} m_{112}^{(21)} + 2m_{200}^{(10)} m_{021}^{(21)} m_{112}^{(20)} - 2m_{200}^{(10)} m_{021}^{(21)} m_{103}^{(10)}
\end{aligned}
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\begin{aligned}
&-2m_{200}^{(10)}m_{021}^{(22)}m_{121}^{(20)} + 2m_{200}^{(10)}m_{021}^{(22)}m_{112}^{(10)} + 2m_{200}^{(10)}m_{012}^{(10)}m_{121}^{(22)} - 2m_{200}^{(10)}m_{012}^{(10)}m_{103}^{(11)}\\
&-2m_{200}^{(10)}m_{012}^{(11)}m_{112}^{(20)} + 2m_{200}^{(10)}m_{012}^{(11)}m_{103}^{(10)} - 2m_{200}^{(10)}m_{012}^{(20)}m_{130}^{(22)} + 2m_{200}^{(10)}m_{012}^{(20)}m_{112}^{(11)}\\
&+2m_{200}^{(10)}m_{012}^{(22)}m_{130}^{(20)} - 2m_{200}^{(10)}m_{012}^{(22)}m_{121}^{(10)} - 2m_{200}^{(10)}m_{003}^{(10)}m_{121}^{(21)} + 2m_{200}^{(10)}m_{003}^{(10)}m_{112}^{(11)}\\
&+2m_{200}^{(10)}m_{003}^{(11)}m_{121}^{(20)} - 2m_{200}^{(10)}m_{003}^{(11)}m_{112}^{(10)} + 2m_{200}^{(10)}m_{003}^{(20)}m_{130}^{(21)} - 2m_{200}^{(10)}m_{003}^{(20)}m_{121}^{(11)}\\
&-2m_{200}^{(10)}m_{003}^{(21)}m_{130}^{(20)} + 2m_{200}^{(10)}m_{003}^{(21)}m_{121}^{(10)} + m_{200}^{(11)}m_{300}^{(11)}m_{013}^{(22)} - m_{200}^{(11)}m_{300}^{(11)}m_{004}^{(21)}\\
&-m_{200}^{(11)}m_{300}^{(21)}m_{022}^{(22)} + m_{200}^{(11)}m_{300}^{(21)}m_{004}^{(11)} + m_{200}^{(11)}m_{300}^{(22)}m_{022}^{(21)} - m_{200}^{(11)}m_{300}^{(22)}m_{013}^{(11)}\\
&-m_{200}^{(11)}m_{210}^{(10)}m_{013}^{(22)} + m_{200}^{(11)}m_{210}^{(10)}m_{004}^{(21)} + m_{200}^{(11)}m_{210}^{(20)}m_{022}^{(22)} - m_{200}^{(11)}m_{210}^{(20)}m_{013}^{(21)}\\
&+m_{200}^{(11)}m_{210}^{(21)}m_{013}^{(20)} - m_{200}^{(11)}m_{210}^{(21)}m_{004}^{(10)} - m_{200}^{(11)}m_{210}^{(22)}m_{022}^{(20)} + m_{200}^{(11)}m_{210}^{(22)}m_{013}^{(10)}\\
&+m_{200}^{(11)}m_{201}^{(10)}m_{013}^{(21)} - m_{200}^{(11)}m_{201}^{(10)}m_{004}^{(11)} - 2m_{200}^{(11)}m_{201}^{(11)}m_{112}^{(22)} + 2m_{200}^{(11)}m_{201}^{(11)}m_{103}^{(21)}\\
&-m_{200}^{(11)}m_{201}^{(11)}m_{013}^{(20)} + m_{200}^{(11)}m_{201}^{(11)}m_{004}^{(10)} - m_{200}^{(11)}m_{201}^{(20)}m_{022}^{(21)} + m_{200}^{(11)}m_{201}^{(20)}m_{013}^{(11)}\\
&+2m_{200}^{(11)}m_{201}^{(21)}m_{121}^{(22)} - 2m_{200}^{(11)}m_{201}^{(21)}m_{103}^{(11)} + m_{200}^{(11)}m_{201}^{(21)}m_{022}^{(20)} - m_{200}^{(11)}m_{201}^{(21)}m_{013}^{(10)}\\
&-2m_{200}^{(11)}m_{201}^{(22)}m_{121}^{(21)} + 2m_{200}^{(11)}m_{201}^{(22)}m_{112}^{(11)} + 2m_{200}^{(11)}m_{111}^{(10)}m_{112}^{(22)} - 2m_{200}^{(11)}m_{111}^{(10)}m_{103}^{(21)}\\
&-2m_{200}^{(11)}m_{111}^{(20)}m_{121}^{(22)} + 2m_{200}^{(11)}m_{111}^{(20)}m_{112}^{(21)} - 2m_{200}^{(11)}m_{111}^{(21)}m_{112}^{(20)} + 2m_{200}^{(11)}m_{111}^{(21)}m_{103}^{(10)}\\
&+2m_{200}^{(11)}m_{111}^{(22)}m_{121}^{(20)} - 2m_{200}^{(11)}m_{111}^{(22)}m_{112}^{(10)} - 2m_{200}^{(11)}m_{102}^{(10)}m_{112}^{(21)} + 2m_{200}^{(11)}m_{102}^{(10)}m_{103}^{(11)}\\
&+m_{200}^{(11)}m_{102}^{(11)}m_{211}^{(22)} - m_{200}^{(11)}m_{102}^{(11)}m_{202}^{(21)} + 2m_{200}^{(11)}m_{102}^{(11)}m_{112}^{(20)} - 2m_{200}^{(11)}m_{102}^{(11)}m_{103}^{(10)}\\
&+2m_{200}^{(11)}m_{102}^{(20)}m_{121}^{(21)} - 2m_{200}^{(11)}m_{102}^{(20)}m_{112}^{(11)} - m_{200}^{(11)}m_{102}^{(21)}m_{220}^{(22)} + m_{200}^{(11)}m_{102}^{(21)}m_{202}^{(11)}\\
&-2m_{200}^{(11)}m_{102}^{(21)}m_{121}^{(20)} + 2m_{200}^{(11)}m_{102}^{(21)}m_{112}^{(10)} + m_{200}^{(11)}m_{102}^{(22)}m_{220}^{(21)} - m_{200}^{(11)}m_{102}^{(22)}m_{211}^{(11)}\\
&-m_{200}^{(11)}m_{012}^{(10)}m_{211}^{(22)} + m_{200}^{(11)}m_{012}^{(10)}m_{202}^{(21)} + m_{200}^{(11)}m_{012}^{(20)}m_{220}^{(22)} - m_{200}^{(11)}m_{012}^{(20)}m_{211}^{(21)}\\
&+m_{200}^{(11)}m_{012}^{(21)}m_{211}^{(20)} - m_{200}^{(11)}m_{012}^{(21)}m_{202}^{(10)} - m_{200}^{(11)}m_{012}^{(22)}m_{220}^{(20)} + m_{200}^{(11)}m_{012}^{(22)}m_{211}^{(10)}\\
&+m_{200}^{(11)}m_{003}^{(10)}m_{211}^{(21)} - m_{200}^{(11)}m_{003}^{(10)}m_{202}^{(11)} - m_{200}^{(11)}m_{003}^{(11)}m_{211}^{(20)} + m_{200}^{(11)}m_{003}^{(11)}m_{202}^{(10)}\\
&-m_{200}^{(11)}m_{003}^{(20)}m_{220}^{(21)} + m_{200}^{(11)}m_{003}^{(20)}m_{211}^{(11)} + m_{200}^{(11)}m_{003}^{(21)}m_{220}^{(20)} - m_{200}^{(11)}m_{003}^{(21)}m_{211}^{(10)}\\
&+2m_{200}^{(20)}m_{210}^{(11)}m_{022}^{(22)} - 2m_{200}^{(20)}m_{210}^{(11)}m_{013}^{(21)} - 2m_{200}^{(20)}m_{210}^{(21)}m_{031}^{(22)} + 2m_{200}^{(20)}m_{210}^{(21)}m_{013}^{(11)}\\
&+2m_{200}^{(20)}m_{210}^{(22)}m_{031}^{(21)} - 2m_{200}^{(20)}m_{210}^{(22)}m_{022}^{(11)} - 2m_{200}^{(20)}m_{201}^{(11)}m_{031}^{(22)} + 2m_{200}^{(20)}m_{201}^{(11)}m_{022}^{(21)}\\
&+2m_{200}^{(20)}m_{201}^{(21)}m_{040}^{(22)} - 2m_{200}^{(20)}m_{201}^{(21)}m_{022}^{(11)} - 2m_{200}^{(20)}m_{201}^{(22)}m_{040}^{(21)} + 2m_{200}^{(20)}m_{201}^{(22)}m_{031}^{(11)}\\
&-2m_{200}^{(20)}m_{120}^{(10)}m_{022}^{(22)} + 2m_{200}^{(20)}m_{120}^{(10)}m_{013}^{(21)} - 2m_{200}^{(20)}m_{120}^{(11)}m_{112}^{(22)} + 2m_{200}^{(20)}m_{120}^{(11)}m_{103}^{(21)}\\
&+2m_{200}^{(20)}m_{120}^{(20)}m_{031}^{(22)} - 2m_{200}^{(20)}m_{120}^{(20)}m_{022}^{(21)} + 2m_{200}^{(20)}m_{120}^{(21)}m_{121}^{(22)} - 2m_{200}^{(20)}m_{120}^{(21)}m_{103}^{(11)}\\
&+2m_{200}^{(20)}m_{120}^{(21)}m_{022}^{(20)} - 2m_{200}^{(20)}m_{120}^{(21)}m_{013}^{(10)} - 2m_{200}^{(20)}m_{120}^{(22)}m_{121}^{(21)} + 2m_{200}^{(20)}m_{120}^{(22)}m_{112}^{(11)}\\
&-2m_{200}^{(20)}m_{120}^{(22)}m_{031}^{(20)} + 2m_{200}^{(20)}m_{120}^{(22)}m_{022}^{(10)} + 2m_{200}^{(20)}m_{111}^{(10)}m_{031}^{(22)} - 2m_{200}^{(20)}m_{111}^{(10)}m_{013}^{(11)}\\
&+2m_{200}^{(20)}m_{111}^{(11)}m_{121}^{(22)} - 2m_{200}^{(20)}m_{111}^{(11)}m_{112}^{(21)} - 2m_{200}^{(20)}m_{111}^{(11)}m_{022}^{(20)} + 2m_{200}^{(20)}m_{111}^{(11)}m_{013}^{(10)}\\
&-2m_{200}^{(20)}m_{111}^{(20)}m_{040}^{(22)} + 2m_{200}^{(20)}m_{111}^{(20)}m_{022}^{(11)} - 2m_{200}^{(20)}m_{111}^{(21)}m_{130}^{(22)} + 2m_{200}^{(20)}m_{111}^{(21)}m_{112}^{(11)}\\
&+2m_{200}^{(20)}m_{111}^{(22)}m_{130}^{(21)} - 2m_{200}^{(20)}m_{111}^{(22)}m_{121}^{(11)} + 2m_{200}^{(20)}m_{111}^{(22)}m_{040}^{(20)} - 2m_{200}^{(20)}m_{111}^{(22)}m_{031}^{(10)}\\
&-2m_{200}^{(20)}m_{102}^{(10)}m_{031}^{(21)} + 2m_{200}^{(20)}m_{102}^{(10)}m_{022}^{(11)} + 2m_{200}^{(20)}m_{102}^{(11)}m_{031}^{(20)} - 2m_{200}^{(20)}m_{102}^{(11)}m_{022}^{(10)}\\
&+2m_{200}^{(20)}m_{102}^{(20)}m_{040}^{(21)} - 2m_{200}^{(20)}m_{102}^{(20)}m_{031}^{(11)} - 2m_{200}^{(20)}m_{102}^{(21)}m_{040}^{(20)} + 2m_{200}^{(20)}m_{102}^{(21)}m_{031}^{(10)}\\
&+2m_{200}^{(20)}m_{030}^{(10)}m_{112}^{(22)} - 2m_{200}^{(20)}m_{030}^{(10)}m_{103}^{(21)} - 2m_{200}^{(20)}m_{030}^{(20)}m_{121}^{(22)} + 2m_{200}^{(20)}m_{030}^{(20)}m_{112}^{(21)}\\
&-2m_{200}^{(20)}m_{030}^{(21)}m_{112}^{(20)} + 2m_{200}^{(20)}m_{030}^{(21)}m_{103}^{(10)} + 2m_{200}^{(20)}m_{030}^{(22)}m_{121}^{(20)} - 2m_{200}^{(20)}m_{030}^{(22)}m_{112}^{(10)}\\
&-2m_{200}^{(20)}m_{021}^{(10)}m_{121}^{(22)} + 2m_{200}^{(20)}m_{021}^{(10)}m_{103}^{(11)} + 2m_{200}^{(20)}m_{021}^{(11)}m_{112}^{(20)} - 2m_{200}^{(20)}m_{021}^{(11)}m_{103}^{(10)}\\
&+2m_{200}^{(20)}m_{021}^{(20)}m_{130}^{(22)} - 2m_{200}^{(20)}m_{021}^{(20)}m_{112}^{(11)} - 2m_{200}^{(20)}m_{021}^{(22)}m_{130}^{(20)} + 2m_{200}^{(20)}m_{021}^{(22)}m_{121}^{(10)}\\
&+2m_{200}^{(20)}m_{012}^{(10)}m_{121}^{(21)} - 2m_{200}^{(20)}m_{012}^{(10)}m_{112}^{(11)} - 2m_{200}^{(20)}m_{012}^{(11)}m_{121}^{(20)} + 2m_{200}^{(20)}m_{012}^{(11)}m_{112}^{(10)}
\end{aligned}
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\begin{aligned}
&-2m_{200}^{(20)}m_{012}^{(20)}m_{130}^{(21)}+2m_{200}^{(20)}m_{012}^{(20)}m_{121}^{(11)}+2m_{200}^{(20)}m_{012}^{(21)}m_{130}^{(20)}-2m_{200}^{(20)}m_{012}^{(21)}m_{121}^{(10)}\\
&-2m_{200}^{(21)}m_{300}^{(11)}m_{022}^{(22)}+2m_{200}^{(21)}m_{300}^{(11)}m_{013}^{(21)}+2m_{200}^{(21)}m_{300}^{(21)}m_{031}^{(22)}-2m_{200}^{(21)}m_{300}^{(21)}m_{013}^{(11)}\\
&-2m_{200}^{(21)}m_{300}^{(22)}m_{031}^{(21)}+2m_{200}^{(21)}m_{300}^{(22)}m_{022}^{(11)}+2m_{200}^{(21)}m_{210}^{(10)}m_{022}^{(22)}-2m_{200}^{(21)}m_{210}^{(10)}m_{013}^{(21)}\\
&+2m_{200}^{(21)}m_{210}^{(11)}m_{112}^{(22)}-2m_{200}^{(21)}m_{210}^{(11)}m_{103}^{(21)}-2m_{200}^{(21)}m_{210}^{(20)}m_{031}^{(22)}+2m_{200}^{(21)}m_{210}^{(20)}m_{022}^{(21)}\\
&-2m_{200}^{(21)}m_{210}^{(21)}m_{121}^{(22)}+2m_{200}^{(21)}m_{210}^{(21)}m_{103}^{(11)}-2m_{200}^{(21)}m_{210}^{(21)}m_{022}^{(20)}+2m_{200}^{(21)}m_{210}^{(21)}m_{013}^{(10)}\\
&+2m_{200}^{(21)}m_{210}^{(22)}m_{121}^{(21)}-2m_{200}^{(21)}m_{210}^{(22)}m_{112}^{(11)}+2m_{200}^{(21)}m_{210}^{(22)}m_{031}^{(20)}-2m_{200}^{(21)}m_{210}^{(22)}m_{022}^{(10)}\\
&-2m_{200}^{(21)}m_{201}^{(10)}m_{022}^{(21)}+2m_{200}^{(21)}m_{201}^{(10)}m_{013}^{(11)}+2m_{200}^{(21)}m_{201}^{(11)}m_{121}^{(22)}-2m_{200}^{(21)}m_{201}^{(11)}m_{112}^{(21)}\\
&+2m_{200}^{(21)}m_{201}^{(11)}m_{022}^{(20)}-2m_{200}^{(21)}m_{201}^{(11)}m_{013}^{(10)}+2m_{200}^{(21)}m_{201}^{(20)}m_{031}^{(21)}-2m_{200}^{(21)}m_{201}^{(20)}m_{022}^{(11)}\\
&-2m_{200}^{(21)}m_{201}^{(21)}m_{130}^{(22)}+2m_{200}^{(21)}m_{201}^{(21)}m_{112}^{(11)}-2m_{200}^{(21)}m_{201}^{(21)}m_{031}^{(20)}+2m_{200}^{(21)}m_{201}^{(21)}m_{022}^{(10)}\\
&+2m_{200}^{(21)}m_{201}^{(22)}m_{130}^{(21)}-2m_{200}^{(21)}m_{201}^{(22)}m_{121}^{(11)}-2m_{200}^{(21)}m_{120}^{(10)}m_{112}^{(22)}+2m_{200}^{(21)}m_{120}^{(10)}m_{103}^{(21)}\\
&+2m_{200}^{(21)}m_{120}^{(20)}m_{121}^{(22)}-2m_{200}^{(21)}m_{120}^{(20)}m_{112}^{(21)}+2m_{200}^{(21)}m_{120}^{(21)}m_{112}^{(20)}-2m_{200}^{(21)}m_{120}^{(21)}m_{103}^{(10)}\\
&-2m_{200}^{(21)}m_{120}^{(22)}m_{121}^{(20)}+2m_{200}^{(21)}m_{120}^{(22)}m_{112}^{(10)}-2m_{200}^{(21)}m_{111}^{(10)}m_{121}^{(22)}+4m_{200}^{(21)}m_{111}^{(10)}m_{112}^{(21)}\\
&-2m_{200}^{(21)}m_{111}^{(10)}m_{103}^{(11)}-2m_{200}^{(21)}m_{111}^{(11)}m_{211}^{(22)}+2m_{200}^{(21)}m_{111}^{(11)}m_{202}^{(21)}-2m_{200}^{(21)}m_{111}^{(11)}m_{112}^{(20)}\\
&+2m_{200}^{(21)}m_{111}^{(11)}m_{103}^{(10)}+2m_{200}^{(21)}m_{111}^{(20)}m_{130}^{(22)}-4m_{200}^{(21)}m_{111}^{(20)}m_{121}^{(21)}+2m_{200}^{(21)}m_{111}^{(20)}m_{112}^{(11)}\\
&+2m_{200}^{(21)}m_{111}^{(21)}m_{220}^{(22)}-2m_{200}^{(21)}m_{111}^{(21)}m_{202}^{(11)}+4m_{200}^{(21)}m_{111}^{(21)}m_{121}^{(20)}-4m_{200}^{(21)}m_{111}^{(21)}m_{112}^{(10)}\\
&-2m_{200}^{(21)}m_{111}^{(22)}m_{220}^{(21)}+2m_{200}^{(21)}m_{111}^{(22)}m_{211}^{(11)}-2m_{200}^{(21)}m_{111}^{(22)}m_{130}^{(20)}+2m_{200}^{(21)}m_{111}^{(22)}m_{121}^{(10)}\\
&+2m_{200}^{(21)}m_{102}^{(10)}m_{121}^{(21)}-2m_{200}^{(21)}m_{102}^{(10)}m_{112}^{(11)}-2m_{200}^{(21)}m_{102}^{(11)}m_{121}^{(20)}+2m_{200}^{(21)}m_{102}^{(11)}m_{112}^{(10)}\\
&-2m_{200}^{(21)}m_{102}^{(20)}m_{130}^{(21)}+2m_{200}^{(21)}m_{102}^{(20)}m_{121}^{(11)}+2m_{200}^{(21)}m_{102}^{(21)}m_{130}^{(20)}-2m_{200}^{(21)}m_{102}^{(21)}m_{121}^{(10)}\\
&+2m_{200}^{(21)}m_{021}^{(10)}m_{211}^{(22)}-2m_{200}^{(21)}m_{021}^{(10)}m_{202}^{(21)}-2m_{200}^{(21)}m_{021}^{(20)}m_{220}^{(22)}+2m_{200}^{(21)}m_{021}^{(20)}m_{211}^{(21)}\\
&-2m_{200}^{(21)}m_{021}^{(21)}m_{211}^{(20)}+2m_{200}^{(21)}m_{021}^{(21)}m_{202}^{(10)}+2m_{200}^{(21)}m_{021}^{(22)}m_{220}^{(20)}-2m_{200}^{(21)}m_{021}^{(22)}m_{211}^{(10)}\\
&-2m_{200}^{(21)}m_{012}^{(10)}m_{211}^{(21)}+2m_{200}^{(21)}m_{012}^{(10)}m_{202}^{(11)}+2m_{200}^{(21)}m_{012}^{(11)}m_{211}^{(20)}-2m_{200}^{(21)}m_{012}^{(11)}m_{202}^{(10)}\\
&+2m_{200}^{(21)}m_{012}^{(20)}m_{220}^{(21)}-2m_{200}^{(21)}m_{012}^{(20)}m_{211}^{(11)}-2m_{200}^{(21)}m_{012}^{(21)}m_{220}^{(20)}+2m_{200}^{(21)}m_{012}^{(21)}m_{211}^{(10)}\\
&+m_{200}^{(22)}m_{300}^{(11)}m_{031}^{(22)}-m_{200}^{(22)}m_{300}^{(11)}m_{022}^{(21)}-m_{200}^{(22)}m_{300}^{(21)}m_{040}^{(22)}+m_{200}^{(22)}m_{300}^{(21)}m_{022}^{(11)}\\
&+m_{200}^{(22)}m_{300}^{(22)}m_{040}^{(21)}-m_{200}^{(22)}m_{300}^{(22)}m_{031}^{(11)}-m_{200}^{(22)}m_{210}^{(10)}m_{031}^{(22)}+m_{200}^{(22)}m_{210}^{(10)}m_{022}^{(21)}\\
&-2m_{200}^{(22)}m_{210}^{(11)}m_{121}^{(22)}+2m_{200}^{(22)}m_{210}^{(11)}m_{112}^{(21)}+m_{200}^{(22)}m_{210}^{(20)}m_{040}^{(22)}-m_{200}^{(22)}m_{210}^{(20)}m_{031}^{(21)}\\
&+2m_{200}^{(22)}m_{210}^{(21)}m_{130}^{(22)}-2m_{200}^{(22)}m_{210}^{(21)}m_{112}^{(11)}+m_{200}^{(22)}m_{210}^{(21)}m_{031}^{(20)}-m_{200}^{(22)}m_{210}^{(21)}m_{022}^{(10)}\\
&-2m_{200}^{(22)}m_{210}^{(22)}m_{130}^{(21)}+2m_{200}^{(22)}m_{210}^{(22)}m_{121}^{(11)}-m_{200}^{(22)}m_{210}^{(22)}m_{040}^{(20)}+m_{200}^{(22)}m_{210}^{(22)}m_{031}^{(10)}\\
&+m_{200}^{(22)}m_{201}^{(10)}m_{031}^{(21)}-m_{200}^{(22)}m_{201}^{(10)}m_{022}^{(11)}-m_{200}^{(22)}m_{201}^{(11)}m_{031}^{(20)}+m_{200}^{(22)}m_{201}^{(11)}m_{022}^{(10)}\\
&-m_{200}^{(22)}m_{201}^{(20)}m_{040}^{(21)}+m_{200}^{(22)}m_{201}^{(20)}m_{031}^{(11)}+m_{200}^{(22)}m_{201}^{(21)}m_{040}^{(20)}-m_{200}^{(22)}m_{201}^{(21)}m_{031}^{(10)}\\
&+2m_{200}^{(22)}m_{120}^{(10)}m_{121}^{(22)}-2m_{200}^{(22)}m_{120}^{(10)}m_{112}^{(21)}+m_{200}^{(22)}m_{120}^{(11)}m_{211}^{(22)}-m_{200}^{(22)}m_{120}^{(11)}m_{202}^{(21)}\\
&-2m_{200}^{(22)}m_{120}^{(20)}m_{130}^{(22)}+2m_{200}^{(22)}m_{120}^{(20)}m_{121}^{(21)}-m_{200}^{(22)}m_{120}^{(21)}m_{220}^{(22)}+m_{200}^{(22)}m_{120}^{(21)}m_{202}^{(11)}\\
&-2m_{200}^{(22)}m_{120}^{(21)}m_{121}^{(20)}+2m_{200}^{(22)}m_{120}^{(21)}m_{112}^{(10)}+m_{200}^{(22)}m_{120}^{(22)}m_{220}^{(21)}-m_{200}^{(22)}m_{120}^{(22)}m_{211}^{(11)}\\
&+2m_{200}^{(22)}m_{120}^{(22)}m_{130}^{(20)}-2m_{200}^{(22)}m_{120}^{(22)}m_{121}^{(10)}-2m_{200}^{(22)}m_{111}^{(10)}m_{121}^{(21)}+2m_{200}^{(22)}m_{111}^{(10)}m_{112}^{(11)}\\
&+2m_{200}^{(22)}m_{111}^{(11)}m_{121}^{(20)}-2m_{200}^{(22)}m_{111}^{(11)}m_{112}^{(10)}+2m_{200}^{(22)}m_{111}^{(20)}m_{130}^{(21)}-2m_{200}^{(22)}m_{111}^{(20)}m_{121}^{(11)}\\
&-2m_{200}^{(22)}m_{111}^{(21)}m_{130}^{(20)}+2m_{200}^{(22)}m_{111}^{(21)}m_{121}^{(10)}-m_{200}^{(22)}m_{030}^{(10)}m_{211}^{(22)}+m_{200}^{(22)}m_{030}^{(10)}m_{202}^{(21)}\\
&+m_{200}^{(22)}m_{030}^{(20)}m_{220}^{(22)}-m_{200}^{(22)}m_{030}^{(20)}m_{211}^{(21)}+m_{200}^{(22)}m_{030}^{(21)}m_{211}^{(20)}-m_{200}^{(22)}m_{030}^{(21)}m_{202}^{(10)}\\
&-m_{200}^{(22)}m_{030}^{(22)}m_{220}^{(20)}+m_{200}^{(22)}m_{030}^{(22)}m_{211}^{(10)}+m_{200}^{(22)}m_{021}^{(10)}m_{211}^{(21)}-m_{200}^{(22)}m_{021}^{(10)}m_{202}^{(11)}\\
&-m_{200}^{(22)}m_{021}^{(11)}m_{211}^{(20)}+m_{200}^{(22)}m_{021}^{(11)}m_{202}^{(10)}-m_{200}^{(22)}m_{021}^{(20)}m_{220}^{(21)}+m_{200}^{(22)}m_{021}^{(20)}m_{211}^{(11)}
\end{aligned}
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\begin{aligned}
&+m_{200}^{(22)}m_{021}^{(21)}m_{220}^{(20)} - m_{200}^{(22)}m_{021}^{(21)}m_{211}^{(10)} - m_{110}^{(00)}m_{120}^{(10)}m_{013}^{(22)} + m_{110}^{(00)}m_{120}^{(10)}m_{004}^{(21)}\\
&-m_{110}^{(00)}m_{120}^{(11)}m_{103}^{(22)} + m_{110}^{(00)}m_{120}^{(11)}m_{004}^{(20)} + m_{110}^{(00)}m_{120}^{(20)}m_{013}^{(21)} - m_{110}^{(00)}m_{120}^{(20)}m_{004}^{(11)}\\
&+2m_{110}^{(00)}m_{120}^{(21)}m_{112}^{(22)} - m_{110}^{(00)}m_{120}^{(21)}m_{013}^{(20)} - m_{110}^{(00)}m_{120}^{(21)}m_{004}^{(10)} - 2m_{110}^{(00)}m_{120}^{(22)}m_{112}^{(21)}\\
&+m_{110}^{(00)}m_{120}^{(22)}m_{103}^{(11)} + m_{110}^{(00)}m_{120}^{(22)}m_{013}^{(10)} + 2m_{110}^{(00)}m_{111}^{(10)}m_{022}^{(22)} - 2m_{110}^{(00)}m_{111}^{(10)}m_{013}^{(21)}\\
&+2m_{110}^{(00)}m_{111}^{(11)}m_{112}^{(22)} - 2m_{110}^{(00)}m_{111}^{(11)}m_{013}^{(20)} - 2m_{110}^{(00)}m_{111}^{(20)}m_{022}^{(21)} + 2m_{110}^{(00)}m_{111}^{(20)}m_{013}^{(11)}\\
&-4m_{110}^{(00)}m_{111}^{(21)}m_{121}^{(22)} + 2m_{110}^{(00)}m_{111}^{(21)}m_{022}^{(20)} + 2m_{110}^{(00)}m_{111}^{(21)}m_{013}^{(10)} + 4m_{110}^{(00)}m_{111}^{(22)}m_{121}^{(21)}\\
&-2m_{110}^{(00)}m_{111}^{(22)}m_{112}^{(11)} - 2m_{110}^{(00)}m_{111}^{(22)}m_{022}^{(10)} - m_{110}^{(00)}m_{102}^{(10)}m_{031}^{(22)} + m_{110}^{(00)}m_{102}^{(10)}m_{022}^{(21)}\\
&-m_{110}^{(00)}m_{102}^{(11)}m_{121}^{(22)} + m_{110}^{(00)}m_{102}^{(11)}m_{022}^{(20)} + m_{110}^{(00)}m_{102}^{(20)}m_{031}^{(21)} - m_{110}^{(00)}m_{102}^{(20)}m_{022}^{(11)}\\
&+2m_{110}^{(00)}m_{102}^{(21)}m_{130}^{(22)} - m_{110}^{(00)}m_{102}^{(21)}m_{031}^{(20)} - m_{110}^{(00)}m_{102}^{(21)}m_{022}^{(10)} - 2m_{110}^{(00)}m_{102}^{(22)}m_{130}^{(21)}\\
&+m_{110}^{(00)}m_{102}^{(22)}m_{121}^{(11)} + m_{110}^{(00)}m_{102}^{(22)}m_{031}^{(10)} + m_{110}^{(00)}m_{030}^{(00)}m_{013}^{(22)} - m_{110}^{(00)}m_{030}^{(00)}m_{004}^{(21)}\\
&+m_{110}^{(00)}m_{030}^{(10)}m_{103}^{(22)} - m_{110}^{(00)}m_{030}^{(10)}m_{004}^{(20)} - 2m_{110}^{(00)}m_{030}^{(20)}m_{112}^{(22)} + m_{110}^{(00)}m_{030}^{(20)}m_{103}^{(21)}\\
&+m_{110}^{(00)}m_{030}^{(20)}m_{004}^{(10)} - m_{110}^{(00)}m_{030}^{(21)}m_{103}^{(20)} + m_{110}^{(00)}m_{030}^{(21)}m_{004}^{(00)} + 2m_{110}^{(00)}m_{030}^{(22)}m_{112}^{(20)}\\
&-m_{110}^{(00)}m_{030}^{(22)}m_{103}^{(10)} - m_{110}^{(00)}m_{030}^{(22)}m_{013}^{(00)} - 2m_{110}^{(00)}m_{021}^{(00)}m_{022}^{(22)} + m_{110}^{(00)}m_{021}^{(00)}m_{013}^{(21)}\\
&+m_{110}^{(00)}m_{021}^{(00)}m_{004}^{(11)} - 2m_{110}^{(00)}m_{021}^{(10)}m_{112}^{(22)} - m_{110}^{(00)}m_{021}^{(10)}m_{103}^{(21)} + 3m_{110}^{(00)}m_{021}^{(10)}m_{013}^{(20)}\\
&+m_{110}^{(00)}m_{021}^{(11)}m_{103}^{(20)} - m_{110}^{(00)}m_{021}^{(11)}m_{004}^{(00)} + 4m_{110}^{(00)}m_{021}^{(20)}m_{121}^{(22)} - m_{110}^{(00)}m_{021}^{(20)}m_{103}^{(11)}\\
&-3m_{110}^{(00)}m_{021}^{(20)}m_{013}^{(10)} + m_{110}^{(00)}m_{021}^{(21)}m_{103}^{(10)} - m_{110}^{(00)}m_{021}^{(21)}m_{013}^{(00)} - 4m_{110}^{(00)}m_{021}^{(22)}m_{121}^{(20)}\\
&+2m_{110}^{(00)}m_{021}^{(22)}m_{112}^{(10)} + 2m_{110}^{(00)}m_{021}^{(22)}m_{022}^{(00)} + m_{110}^{(00)}m_{012}^{(00)}m_{031}^{(22)} + m_{110}^{(00)}m_{012}^{(00)}m_{022}^{(21)}\\
&-2m_{110}^{(00)}m_{012}^{(00)}m_{013}^{(11)} + m_{110}^{(00)}m_{012}^{(10)}m_{121}^{(22)} + 2m_{110}^{(00)}m_{012}^{(10)}m_{112}^{(21)} - 3m_{110}^{(00)}m_{012}^{(10)}m_{022}^{(20)}\\
&-2m_{110}^{(00)}m_{012}^{(11)}m_{112}^{(20)} + 2m_{110}^{(00)}m_{012}^{(11)}m_{013}^{(00)} - 2m_{110}^{(00)}m_{012}^{(20)}m_{130}^{(22)} - 3m_{110}^{(00)}m_{012}^{(20)}m_{121}^{(21)}\\
&+2m_{110}^{(00)}m_{012}^{(20)}m_{112}^{(11)} + 3m_{110}^{(00)}m_{012}^{(20)}m_{022}^{(10)} + 3m_{110}^{(00)}m_{012}^{(21)}m_{121}^{(20)} - 2m_{110}^{(00)}m_{012}^{(21)}m_{112}^{(10)}\\
&-m_{110}^{(00)}m_{012}^{(21)}m_{022}^{(00)} + 2m_{110}^{(00)}m_{012}^{(22)}m_{130}^{(20)} - m_{110}^{(00)}m_{012}^{(22)}m_{121}^{(10)} - m_{110}^{(00)}m_{012}^{(22)}m_{031}^{(00)}\\
&-m_{110}^{(00)}m_{003}^{(00)}m_{031}^{(21)} + m_{110}^{(00)}m_{003}^{(00)}m_{022}^{(11)} - m_{110}^{(00)}m_{003}^{(10)}m_{121}^{(21)} + m_{110}^{(00)}m_{003}^{(10)}m_{031}^{(20)}\\
&+m_{110}^{(00)}m_{003}^{(11)}m_{121}^{(20)} - m_{110}^{(00)}m_{003}^{(11)}m_{022}^{(00)} + 2m_{110}^{(00)}m_{003}^{(20)}m_{130}^{(21)} - m_{110}^{(00)}m_{003}^{(20)}m_{121}^{(11)}\\
&-m_{110}^{(00)}m_{003}^{(20)}m_{031}^{(10)} - 2m_{110}^{(00)}m_{003}^{(21)}m_{130}^{(20)} + m_{110}^{(00)}m_{003}^{(21)}m_{121}^{(10)} + m_{110}^{(00)}m_{003}^{(21)}m_{031}^{(00)}\\
&+2m_{110}^{(10)}m_{210}^{(10)}m_{013}^{(22)} - 2m_{110}^{(10)}m_{210}^{(10)}m_{004}^{(21)} + 2m_{110}^{(10)}m_{210}^{(11)}m_{103}^{(22)} - 2m_{110}^{(10)}m_{210}^{(11)}m_{004}^{(20)}\\
&-2m_{110}^{(10)}m_{210}^{(20)}m_{013}^{(21)} + 2m_{110}^{(10)}m_{210}^{(20)}m_{004}^{(11)} - 4m_{110}^{(10)}m_{210}^{(21)}m_{112}^{(22)} + 2m_{110}^{(10)}m_{210}^{(21)}m_{013}^{(20)}\\
&+2m_{110}^{(10)}m_{210}^{(21)}m_{004}^{(10)} + 4m_{110}^{(10)}m_{210}^{(22)}m_{112}^{(21)} - 2m_{110}^{(10)}m_{210}^{(22)}m_{103}^{(11)} - 2m_{110}^{(10)}m_{210}^{(22)}m_{013}^{(10)}\\
&-2m_{110}^{(10)}m_{201}^{(10)}m_{022}^{(22)} + 2m_{110}^{(10)}m_{201}^{(10)}m_{013}^{(21)} - 2m_{110}^{(10)}m_{201}^{(11)}m_{112}^{(22)} + 2m_{110}^{(10)}m_{201}^{(11)}m_{013}^{(20)}\\
&+2m_{110}^{(10)}m_{201}^{(20)}m_{022}^{(21)} - 2m_{110}^{(10)}m_{201}^{(20)}m_{013}^{(11)} + 4m_{110}^{(10)}m_{201}^{(21)}m_{121}^{(22)} - 2m_{110}^{(10)}m_{201}^{(21)}m_{022}^{(20)}\\
&-2m_{110}^{(10)}m_{201}^{(21)}m_{013}^{(10)} - 4m_{110}^{(10)}m_{201}^{(22)}m_{121}^{(21)} + 2m_{110}^{(10)}m_{201}^{(22)}m_{112}^{(11)} + 2m_{110}^{(10)}m_{201}^{(22)}m_{022}^{(10)}\\
&-2m_{110}^{(10)}m_{120}^{(00)}m_{013}^{(22)} + 2m_{110}^{(10)}m_{120}^{(00)}m_{004}^{(21)} - 2m_{110}^{(10)}m_{120}^{(10)}m_{103}^{(22)} + 2m_{110}^{(10)}m_{120}^{(10)}m_{004}^{(20)}\\
&+4m_{110}^{(10)}m_{120}^{(20)}m_{112}^{(22)} - 2m_{110}^{(10)}m_{120}^{(20)}m_{103}^{(21)} - 2m_{110}^{(10)}m_{120}^{(20)}m_{004}^{(10)} + 2m_{110}^{(10)}m_{120}^{(21)}m_{103}^{(20)}\\
&-2m_{110}^{(10)}m_{120}^{(21)}m_{004}^{(00)} - 4m_{110}^{(10)}m_{120}^{(22)}m_{112}^{(20)} + 2m_{110}^{(10)}m_{120}^{(22)}m_{103}^{(10)} + 2m_{110}^{(10)}m_{120}^{(22)}m_{013}^{(00)}\\
&+2m_{110}^{(10)}m_{111}^{(00)}m_{022}^{(22)} - 2m_{110}^{(10)}m_{111}^{(00)}m_{004}^{(11)} + 4m_{110}^{(10)}m_{111}^{(10)}m_{103}^{(21)} - 4m_{110}^{(10)}m_{111}^{(10)}m_{013}^{(20)}\\
&-2m_{110}^{(10)}m_{111}^{(11)}m_{202}^{(22)} + 2m_{110}^{(10)}m_{111}^{(11)}m_{004}^{(00)} - 4m_{110}^{(10)}m_{111}^{(20)}m_{121}^{(22)} + 4m_{110}^{(10)}m_{111}^{(20)}m_{013}^{(10)}\\
&+4m_{110}^{(10)}m_{111}^{(21)}m_{211}^{(22)} - 4m_{110}^{(10)}m_{111}^{(21)}m_{103}^{(10)} - 4m_{110}^{(10)}m_{111}^{(22)}m_{211}^{(21)} + 2m_{110}^{(10)}m_{111}^{(22)}m_{202}^{(11)}\\
&+4m_{110}^{(10)}m_{111}^{(22)}m_{121}^{(20)} - 2m_{110}^{(10)}m_{111}^{(22)}m_{022}^{(00)} - 2m_{110}^{(10)}m_{102}^{(00)}m_{022}^{(21)} + 2m_{110}^{(10)}m_{102}^{(00)}m_{013}^{(11)}\\
&+2m_{110}^{(10)}m_{102}^{(10)}m_{121}^{(22)} - 4m_{110}^{(10)}m_{102}^{(10)}m_{112}^{(21)} + 2m_{110}^{(10)}m_{102}^{(10)}m_{022}^{(20)} + 2m_{110}^{(10)}m_{102}^{(11)}m_{211}^{(22)}
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\begin{aligned}
&-2m_{110}^{(10)}m_{102}^{(11)}m_{013}^{(00)} + 2m_{110}^{(10)}m_{102}^{(20)}m_{121}^{(21)} - 2m_{110}^{(10)}m_{102}^{(20)}m_{022}^{(10)} - 4m_{110}^{(10)}m_{102}^{(21)}m_{220}^{(22)}\\
&-2m_{110}^{(10)}m_{102}^{(21)}m_{121}^{(20)} + 4m_{110}^{(10)}m_{102}^{(21)}m_{112}^{(10)} + 2m_{110}^{(10)}m_{102}^{(21)}m_{022}^{(00)} + 4m_{110}^{(10)}m_{102}^{(22)}m_{220}^{(21)}\\
&-2m_{110}^{(10)}m_{102}^{(22)}m_{211}^{(11)} - 2m_{110}^{(10)}m_{102}^{(22)}m_{121}^{(10)} + 2m_{110}^{(10)}m_{021}^{(00)}m_{112}^{(22)} - 2m_{110}^{(10)}m_{021}^{(00)}m_{103}^{(21)}\\
&+2m_{110}^{(10)}m_{021}^{(10)}m_{202}^{(22)} - 2m_{110}^{(10)}m_{021}^{(10)}m_{103}^{(20)} - 4m_{110}^{(10)}m_{021}^{(20)}m_{211}^{(22)} + 2m_{110}^{(10)}m_{021}^{(20)}m_{202}^{(21)}\\
&+2m_{110}^{(10)}m_{021}^{(20)}m_{103}^{(10)} - 2m_{110}^{(10)}m_{021}^{(21)}m_{202}^{(20)} + 2m_{110}^{(10)}m_{021}^{(21)}m_{103}^{(00)} + 4m_{110}^{(10)}m_{021}^{(22)}m_{211}^{(20)}\\
&-2m_{110}^{(10)}m_{021}^{(22)}m_{202}^{(10)} - 2m_{110}^{(10)}m_{021}^{(22)}m_{112}^{(00)} - 2m_{110}^{(10)}m_{012}^{(00)}m_{121}^{(22)} + 2m_{110}^{(10)}m_{012}^{(00)}m_{103}^{(11)}\\
&-2m_{110}^{(10)}m_{012}^{(10)}m_{211}^{(22)} - 2m_{110}^{(10)}m_{012}^{(10)}m_{202}^{(21)} + 4m_{110}^{(10)}m_{012}^{(10)}m_{112}^{(20)} + 2m_{110}^{(10)}m_{012}^{(11)}m_{202}^{(20)}\\
&-2m_{110}^{(10)}m_{012}^{(11)}m_{103}^{(00)} + 4m_{110}^{(10)}m_{012}^{(20)}m_{220}^{(22)} + 2m_{110}^{(10)}m_{012}^{(20)}m_{211}^{(21)} - 2m_{110}^{(10)}m_{012}^{(20)}m_{202}^{(11)}\\
&-4m_{110}^{(10)}m_{012}^{(20)}m_{112}^{(10)} - 2m_{110}^{(10)}m_{012}^{(21)}m_{211}^{(20)} + 2m_{110}^{(10)}m_{012}^{(21)}m_{202}^{(10)} - 4m_{110}^{(10)}m_{012}^{(22)}m_{220}^{(20)}\\
&+2m_{110}^{(10)}m_{012}^{(22)}m_{211}^{(10)} + 2m_{110}^{(10)}m_{012}^{(22)}m_{121}^{(00)} + 2m_{110}^{(10)}m_{003}^{(00)}m_{121}^{(21)} - 2m_{110}^{(10)}m_{003}^{(00)}m_{112}^{(11)}\\
&+2m_{110}^{(10)}m_{003}^{(10)}m_{211}^{(21)} - 2m_{110}^{(10)}m_{003}^{(10)}m_{121}^{(20)} - 2m_{110}^{(10)}m_{003}^{(11)}m_{211}^{(20)} + 2m_{110}^{(10)}m_{003}^{(11)}m_{112}^{(00)}\\
&-4m_{110}^{(10)}m_{003}^{(20)}m_{220}^{(21)} + 2m_{110}^{(10)}m_{003}^{(20)}m_{211}^{(11)} + 2m_{110}^{(10)}m_{003}^{(20)}m_{121}^{(10)} + 4m_{110}^{(10)}m_{003}^{(21)}m_{220}^{(20)}\\
&-2m_{110}^{(10)}m_{003}^{(21)}m_{211}^{(10)} - 2m_{110}^{(10)}m_{003}^{(21)}m_{121}^{(00)} - m_{110}^{(11)}m_{300}^{(10)}m_{013}^{(22)} + m_{110}^{(11)}m_{300}^{(10)}m_{004}^{(21)}\\
&-m_{110}^{(11)}m_{300}^{(11)}m_{103}^{(22)} + m_{110}^{(11)}m_{300}^{(11)}m_{004}^{(20)} + m_{110}^{(11)}m_{300}^{(20)}m_{013}^{(21)} - m_{110}^{(11)}m_{300}^{(20)}m_{004}^{(11)}\\
&+2m_{110}^{(11)}m_{300}^{(21)}m_{112}^{(22)} - m_{110}^{(11)}m_{300}^{(21)}m_{013}^{(20)} - m_{110}^{(11)}m_{300}^{(21)}m_{004}^{(10)} - 2m_{110}^{(11)}m_{300}^{(22)}m_{112}^{(21)}\\
&+m_{110}^{(11)}m_{300}^{(22)}m_{103}^{(11)} + m_{110}^{(11)}m_{300}^{(22)}m_{013}^{(10)} + m_{110}^{(11)}m_{210}^{(00)}m_{013}^{(22)} - m_{110}^{(11)}m_{210}^{(00)}m_{004}^{(21)}\\
&+m_{110}^{(11)}m_{210}^{(10)}m_{103}^{(22)} - m_{110}^{(11)}m_{210}^{(10)}m_{004}^{(20)} - 2m_{110}^{(11)}m_{210}^{(20)}m_{112}^{(22)} + m_{110}^{(11)}m_{210}^{(20)}m_{103}^{(21)}\\
&+m_{110}^{(11)}m_{210}^{(20)}m_{004}^{(10)} - m_{110}^{(11)}m_{210}^{(21)}m_{103}^{(20)} + m_{110}^{(11)}m_{210}^{(21)}m_{004}^{(00)} + 2m_{110}^{(11)}m_{210}^{(22)}m_{112}^{(20)}\\
&-m_{110}^{(11)}m_{210}^{(22)}m_{103}^{(10)} - m_{110}^{(11)}m_{210}^{(22)}m_{013}^{(00)} - m_{110}^{(11)}m_{201}^{(00)}m_{013}^{(21)} + m_{110}^{(11)}m_{201}^{(00)}m_{004}^{(11)}\\
&+2m_{110}^{(11)}m_{201}^{(10)}m_{112}^{(22)} - 3m_{110}^{(11)}m_{201}^{(10)}m_{103}^{(21)} + m_{110}^{(11)}m_{201}^{(10)}m_{013}^{(20)} + 2m_{110}^{(11)}m_{201}^{(11)}m_{202}^{(22)}\\
&-m_{110}^{(11)}m_{201}^{(11)}m_{103}^{(20)} - m_{110}^{(11)}m_{201}^{(11)}m_{004}^{(00)} + m_{110}^{(11)}m_{201}^{(20)}m_{103}^{(11)} - m_{110}^{(11)}m_{201}^{(20)}m_{013}^{(10)}\\
&-4m_{110}^{(11)}m_{201}^{(21)}m_{211}^{(22)} + 3m_{110}^{(11)}m_{201}^{(21)}m_{103}^{(10)} + m_{110}^{(11)}m_{201}^{(21)}m_{013}^{(00)} + 4m_{110}^{(11)}m_{201}^{(22)}m_{211}^{(21)}\\
&-2m_{110}^{(11)}m_{201}^{(22)}m_{202}^{(11)} - 2m_{110}^{(11)}m_{201}^{(22)}m_{112}^{(10)} - 2m_{110}^{(11)}m_{111}^{(00)}m_{112}^{(22)} + 2m_{110}^{(11)}m_{111}^{(00)}m_{103}^{(21)}\\
&-2m_{110}^{(11)}m_{111}^{(10)}m_{202}^{(22)} + 2m_{110}^{(11)}m_{111}^{(10)}m_{103}^{(20)} + 4m_{110}^{(11)}m_{111}^{(20)}m_{211}^{(22)} - 2m_{110}^{(11)}m_{111}^{(20)}m_{202}^{(21)}\\
&-2m_{110}^{(11)}m_{111}^{(20)}m_{103}^{(10)} + 2m_{110}^{(11)}m_{111}^{(21)}m_{202}^{(20)} - 2m_{110}^{(11)}m_{111}^{(21)}m_{103}^{(00)} - 4m_{110}^{(11)}m_{111}^{(22)}m_{211}^{(20)}\\
&+2m_{110}^{(11)}m_{111}^{(22)}m_{202}^{(10)} + 2m_{110}^{(11)}m_{111}^{(22)}m_{112}^{(00)} + 2m_{110}^{(11)}m_{102}^{(00)}m_{112}^{(21)} - 2m_{110}^{(11)}m_{102}^{(00)}m_{103}^{(11)}\\
&-m_{110}^{(11)}m_{102}^{(10)}m_{211}^{(22)} + 3m_{110}^{(11)}m_{102}^{(10)}m_{202}^{(21)} - 2m_{110}^{(11)}m_{102}^{(10)}m_{112}^{(20)} - m_{110}^{(11)}m_{102}^{(11)}m_{301}^{(22)}\\
&-m_{110}^{(11)}m_{102}^{(11)}m_{202}^{(20)} + 2m_{110}^{(11)}m_{102}^{(11)}m_{103}^{(00)} - 3m_{110}^{(11)}m_{102}^{(20)}m_{211}^{(21)} + m_{110}^{(11)}m_{102}^{(20)}m_{202}^{(11)}\\
&+2m_{110}^{(11)}m_{102}^{(20)}m_{112}^{(10)} + 2m_{110}^{(11)}m_{102}^{(21)}m_{310}^{(22)} + 3m_{110}^{(11)}m_{102}^{(21)}m_{211}^{(20)} - 3m_{110}^{(11)}m_{102}^{(21)}m_{202}^{(10)}\\
&-2m_{110}^{(11)}m_{102}^{(21)}m_{112}^{(00)} - 2m_{110}^{(11)}m_{102}^{(22)}m_{310}^{(21)} + m_{110}^{(11)}m_{102}^{(22)}m_{301}^{(11)} + m_{110}^{(11)}m_{102}^{(22)}m_{211}^{(10)}\\
&+m_{110}^{(11)}m_{012}^{(00)}m_{211}^{(22)} - m_{110}^{(11)}m_{012}^{(00)}m_{202}^{(21)} + m_{110}^{(11)}m_{012}^{(10)}m_{301}^{(22)} - m_{110}^{(11)}m_{012}^{(10)}m_{202}^{(20)}\\
&-2m_{110}^{(11)}m_{012}^{(20)}m_{310}^{(22)} + m_{110}^{(11)}m_{012}^{(20)}m_{301}^{(21)} + m_{110}^{(11)}m_{012}^{(20)}m_{202}^{(10)} - m_{110}^{(11)}m_{012}^{(21)}m_{301}^{(20)}\\
&+m_{110}^{(11)}m_{012}^{(21)}m_{202}^{(00)} + 2m_{110}^{(11)}m_{012}^{(22)}m_{310}^{(20)} - m_{110}^{(11)}m_{012}^{(22)}m_{301}^{(10)} - m_{110}^{(11)}m_{012}^{(22)}m_{211}^{(00)}\\
&-m_{110}^{(11)}m_{003}^{(00)}m_{211}^{(21)} + m_{110}^{(11)}m_{003}^{(00)}m_{202}^{(11)} - m_{110}^{(11)}m_{003}^{(10)}m_{301}^{(21)} + m_{110}^{(11)}m_{003}^{(10)}m_{211}^{(20)}\\
&+m_{110}^{(11)}m_{003}^{(11)}m_{301}^{(20)} - m_{110}^{(11)}m_{003}^{(11)}m_{202}^{(00)} + 2m_{110}^{(11)}m_{003}^{(20)}m_{310}^{(21)} - m_{110}^{(11)}m_{003}^{(20)}m_{301}^{(11)}\\
&-m_{110}^{(11)}m_{003}^{(20)}m_{211}^{(10)} - 2m_{110}^{(11)}m_{003}^{(21)}m_{310}^{(20)} + m_{110}^{(11)}m_{003}^{(21)}m_{301}^{(10)} + m_{110}^{(11)}m_{003}^{(21)}m_{211}^{(00)}\\
&-2m_{110}^{(20)}m_{210}^{(10)}m_{022}^{(22)} + 2m_{110}^{(20)}m_{210}^{(10)}m_{013}^{(21)} - 2m_{110}^{(20)}m_{210}^{(11)}m_{112}^{(22)} + 2m_{110}^{(20)}m_{210}^{(11)}m_{013}^{(20)}\\
&+2m_{110}^{(20)}m_{210}^{(20)}m_{022}^{(21)} - 2m_{110}^{(20)}m_{210}^{(20)}m_{013}^{(11)} + 4m_{110}^{(20)}m_{210}^{(21)}m_{121}^{(22)} - 2m_{110}^{(20)}m_{210}^{(21)}m_{022}^{(20)}
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\begin{aligned}
&-2m_{110}^{(20)}m_{210}^{(21)}m_{013}^{(10)} - 4m_{110}^{(20)}m_{210}^{(22)}m_{121}^{(21)} + 2m_{110}^{(20)}m_{210}^{(22)}m_{112}^{(11)} + 2m_{110}^{(20)}m_{210}^{(22)}m_{022}^{(10)} \\
&+2m_{110}^{(20)}m_{201}^{(10)}m_{031}^{(22)} - 2m_{110}^{(20)}m_{201}^{(10)}m_{022}^{(21)} + 2m_{110}^{(20)}m_{201}^{(11)}m_{121}^{(22)} - 2m_{110}^{(20)}m_{201}^{(11)}m_{022}^{(20)} \\
&-2m_{110}^{(20)}m_{201}^{(20)}m_{031}^{(21)} + 2m_{110}^{(20)}m_{201}^{(20)}m_{022}^{(11)} - 4m_{110}^{(20)}m_{201}^{(21)}m_{130}^{(22)} + 2m_{110}^{(20)}m_{201}^{(21)}m_{031}^{(20)} \\
&+2m_{110}^{(20)}m_{201}^{(21)}m_{022}^{(10)} + 4m_{110}^{(20)}m_{201}^{(22)}m_{130}^{(21)} - 2m_{110}^{(20)}m_{201}^{(22)}m_{121}^{(11)} - 2m_{110}^{(20)}m_{201}^{(22)}m_{031}^{(10)} \\
&+2m_{110}^{(20)}m_{120}^{(00)}m_{022}^{(22)} - 2m_{110}^{(20)}m_{120}^{(00)}m_{013}^{(21)} + 4m_{110}^{(20)}m_{120}^{(10)}m_{112}^{(22)} - 2m_{110}^{(20)}m_{120}^{(10)}m_{103}^{(21)} \\
&-2m_{110}^{(20)}m_{120}^{(10)}m_{013}^{(20)} + 2m_{110}^{(20)}m_{120}^{(11)}m_{202}^{(22)} - 2m_{110}^{(20)}m_{120}^{(11)}m_{103}^{(20)} - 4m_{110}^{(20)}m_{120}^{(20)}m_{121}^{(22)} \\
&+2m_{110}^{(20)}m_{120}^{(20)}m_{103}^{(11)} + 2m_{110}^{(20)}m_{120}^{(20)}m_{013}^{(10)} - 4m_{110}^{(20)}m_{120}^{(21)}m_{211}^{(22)} + 2m_{110}^{(20)}m_{120}^{(21)}m_{103}^{(10)} \\
&+2m_{110}^{(20)}m_{120}^{(21)}m_{013}^{(00)} + 4m_{110}^{(20)}m_{120}^{(22)}m_{211}^{(21)} - 2m_{110}^{(20)}m_{120}^{(22)}m_{202}^{(11)} + 4m_{110}^{(20)}m_{120}^{(22)}m_{121}^{(20)} \\
&-4m_{110}^{(20)}m_{120}^{(22)}m_{112}^{(10)} - 2m_{110}^{(20)}m_{120}^{(22)}m_{022}^{(00)} - 2m_{110}^{(20)}m_{111}^{(00)}m_{031}^{(22)} + 2m_{110}^{(20)}m_{111}^{(00)}m_{013}^{(11)} \\
&-4m_{110}^{(20)}m_{111}^{(10)}m_{121}^{(22)} + 4m_{110}^{(20)}m_{111}^{(10)}m_{022}^{(20)} - 2m_{110}^{(20)}m_{111}^{(11)}m_{211}^{(22)} + 4m_{110}^{(20)}m_{111}^{(11)}m_{112}^{(20)} \\
&-2m_{110}^{(20)}m_{111}^{(11)}m_{013}^{(00)} + 4m_{110}^{(20)}m_{111}^{(20)}m_{130}^{(22)} + 4m_{110}^{(20)}m_{111}^{(20)}m_{121}^{(21)} - 4m_{110}^{(20)}m_{111}^{(20)}m_{112}^{(11)} \\
&-4m_{110}^{(20)}m_{111}^{(20)}m_{022}^{(10)} + 4m_{110}^{(20)}m_{111}^{(21)}m_{220}^{(22)} - 4m_{110}^{(20)}m_{111}^{(21)}m_{121}^{(20)} - 4m_{110}^{(20)}m_{111}^{(22)}m_{220}^{(21)} \\
&+2m_{110}^{(20)}m_{111}^{(22)}m_{211}^{(11)} - 4m_{110}^{(20)}m_{111}^{(22)}m_{130}^{(20)} + 4m_{110}^{(20)}m_{111}^{(22)}m_{121}^{(10)} + 2m_{110}^{(20)}m_{111}^{(22)}m_{031}^{(00)} \\
&+2m_{110}^{(20)}m_{102}^{(00)}m_{031}^{(21)} - 2m_{110}^{(20)}m_{102}^{(00)}m_{022}^{(11)} + 2m_{110}^{(20)}m_{102}^{(10)}m_{121}^{(21)} - 2m_{110}^{(20)}m_{102}^{(10)}m_{031}^{(20)} \\
&-2m_{110}^{(20)}m_{102}^{(11)}m_{121}^{(20)} + 2m_{110}^{(20)}m_{102}^{(11)}m_{022}^{(00)} - 4m_{110}^{(20)}m_{102}^{(20)}m_{130}^{(21)} + 2m_{110}^{(20)}m_{102}^{(20)}m_{121}^{(11)} \\
&+2m_{110}^{(20)}m_{102}^{(20)}m_{031}^{(10)} + 4m_{110}^{(20)}m_{102}^{(21)}m_{130}^{(20)} - 2m_{110}^{(20)}m_{102}^{(21)}m_{121}^{(10)} - 2m_{110}^{(20)}m_{102}^{(21)}m_{031}^{(00)} \\
&-2m_{110}^{(20)}m_{030}^{(00)}m_{112}^{(22)} + 2m_{110}^{(20)}m_{030}^{(00)}m_{103}^{(21)} - 2m_{110}^{(20)}m_{030}^{(10)}m_{202}^{(22)} + 2m_{110}^{(20)}m_{030}^{(10)}m_{103}^{(20)} \\
&+4m_{110}^{(20)}m_{030}^{(20)}m_{211}^{(22)} - 2m_{110}^{(20)}m_{030}^{(20)}m_{202}^{(21)} - 2m_{110}^{(20)}m_{030}^{(20)}m_{103}^{(10)} + 2m_{110}^{(20)}m_{030}^{(21)}m_{202}^{(20)} \\
&-2m_{110}^{(20)}m_{030}^{(21)}m_{103}^{(00)} - 4m_{110}^{(20)}m_{030}^{(22)}m_{211}^{(20)} + 2m_{110}^{(20)}m_{030}^{(22)}m_{202}^{(10)} + 2m_{110}^{(20)}m_{030}^{(22)}m_{112}^{(00)} \\
&+2m_{110}^{(20)}m_{021}^{(00)}m_{121}^{(22)} - 2m_{110}^{(20)}m_{021}^{(00)}m_{103}^{(11)} + 2m_{110}^{(20)}m_{021}^{(10)}m_{211}^{(22)} + 2m_{110}^{(20)}m_{021}^{(10)}m_{202}^{(21)} \\
&-4m_{110}^{(20)}m_{021}^{(10)}m_{112}^{(20)} - 2m_{110}^{(20)}m_{021}^{(11)}m_{202}^{(20)} + 2m_{110}^{(20)}m_{021}^{(11)}m_{103}^{(00)} - 4m_{110}^{(20)}m_{021}^{(20)}m_{220}^{(22)} \\
&-2m_{110}^{(20)}m_{021}^{(20)}m_{211}^{(21)} + 2m_{110}^{(20)}m_{021}^{(20)}m_{202}^{(11)} + 4m_{110}^{(20)}m_{021}^{(20)}m_{112}^{(10)} + 2m_{110}^{(20)}m_{021}^{(21)}m_{211}^{(20)} \\
&-2m_{110}^{(20)}m_{021}^{(21)}m_{202}^{(10)} + 4m_{110}^{(20)}m_{021}^{(22)}m_{220}^{(20)} - 2m_{110}^{(20)}m_{021}^{(22)}m_{211}^{(10)} - 2m_{110}^{(20)}m_{021}^{(22)}m_{121}^{(00)} \\
&-2m_{110}^{(20)}m_{012}^{(00)}m_{121}^{(21)} + 2m_{110}^{(20)}m_{012}^{(00)}m_{112}^{(11)} - 2m_{110}^{(20)}m_{012}^{(10)}m_{211}^{(21)} + 2m_{110}^{(20)}m_{012}^{(10)}m_{121}^{(20)} \\
&+2m_{110}^{(20)}m_{012}^{(11)}m_{211}^{(20)} - 2m_{110}^{(20)}m_{012}^{(11)}m_{112}^{(00)} + 4m_{110}^{(20)}m_{012}^{(20)}m_{220}^{(21)} - 2m_{110}^{(20)}m_{012}^{(20)}m_{211}^{(11)} \\
&-2m_{110}^{(20)}m_{012}^{(20)}m_{121}^{(10)} - 4m_{110}^{(20)}m_{012}^{(21)}m_{220}^{(20)} + 2m_{110}^{(20)}m_{012}^{(21)}m_{211}^{(10)} + 2m_{110}^{(20)}m_{012}^{(21)}m_{121}^{(00)} \\
&+2m_{110}^{(21)}m_{300}^{(10)}m_{022}^{(22)} - 2m_{110}^{(21)}m_{300}^{(10)}m_{013}^{(21)} + 2m_{110}^{(21)}m_{300}^{(11)}m_{112}^{(22)} - 2m_{110}^{(21)}m_{300}^{(11)}m_{013}^{(20)} \\
&-2m_{110}^{(21)}m_{300}^{(20)}m_{022}^{(21)} + 2m_{110}^{(21)}m_{300}^{(20)}m_{013}^{(11)} - 4m_{110}^{(21)}m_{300}^{(21)}m_{121}^{(22)} + 2m_{110}^{(21)}m_{300}^{(21)}m_{022}^{(20)} \\
&+2m_{110}^{(21)}m_{300}^{(21)}m_{013}^{(10)} + 4m_{110}^{(21)}m_{300}^{(22)}m_{121}^{(21)} - 2m_{110}^{(21)}m_{300}^{(22)}m_{112}^{(11)} - 2m_{110}^{(21)}m_{300}^{(22)}m_{022}^{(10)} \\
&-2m_{110}^{(21)}m_{210}^{(00)}m_{022}^{(22)} + 2m_{110}^{(21)}m_{210}^{(00)}m_{013}^{(21)} - 4m_{110}^{(21)}m_{210}^{(10)}m_{112}^{(22)} + 2m_{110}^{(21)}m_{210}^{(10)}m_{103}^{(21)} \\
&+2m_{110}^{(21)}m_{210}^{(10)}m_{013}^{(20)} - 2m_{110}^{(21)}m_{210}^{(11)}m_{202}^{(22)} + 2m_{110}^{(21)}m_{210}^{(11)}m_{103}^{(20)} + 4m_{110}^{(21)}m_{210}^{(20)}m_{121}^{(22)} \\
&-2m_{110}^{(21)}m_{210}^{(20)}m_{103}^{(11)} - 2m_{110}^{(21)}m_{210}^{(20)}m_{013}^{(10)} + 4m_{110}^{(21)}m_{210}^{(21)}m_{211}^{(22)} - 2m_{110}^{(21)}m_{210}^{(21)}m_{103}^{(10)} \\
&-2m_{110}^{(21)}m_{210}^{(21)}m_{013}^{(00)} - 4m_{110}^{(21)}m_{210}^{(22)}m_{211}^{(21)} + 2m_{110}^{(21)}m_{210}^{(22)}m_{202}^{(11)} - 4m_{110}^{(21)}m_{210}^{(22)}m_{121}^{(20)} \\
&+4m_{110}^{(21)}m_{210}^{(22)}m_{112}^{(10)} + 2m_{110}^{(21)}m_{210}^{(22)}m_{022}^{(00)} + 2m_{110}^{(21)}m_{201}^{(00)}m_{022}^{(21)} - 2m_{110}^{(21)}m_{201}^{(00)}m_{013}^{(11)} \\
&-2m_{110}^{(21)}m_{201}^{(10)}m_{121}^{(22)} + 4m_{110}^{(21)}m_{201}^{(10)}m_{112}^{(21)} - 2m_{110}^{(21)}m_{201}^{(10)}m_{022}^{(20)} - 2m_{110}^{(21)}m_{201}^{(11)}m_{211}^{(22)} \\
&+2m_{110}^{(21)}m_{201}^{(11)}m_{013}^{(00)} - 2m_{110}^{(21)}m_{201}^{(20)}m_{121}^{(21)} + 2m_{110}^{(21)}m_{201}^{(20)}m_{022}^{(10)} + 4m_{110}^{(21)}m_{201}^{(21)}m_{220}^{(22)} \\
&+2m_{110}^{(21)}m_{201}^{(21)}m_{121}^{(20)} - 4m_{110}^{(21)}m_{201}^{(21)}m_{112}^{(10)} - 2m_{110}^{(21)}m_{201}^{(21)}m_{022}^{(00)} - 4m_{110}^{(21)}m_{201}^{(22)}m_{220}^{(21)} \\
&+2m_{110}^{(21)}m_{201}^{(22)}m_{211}^{(11)} + 2m_{110}^{(21)}m_{201}^{(22)}m_{121}^{(10)} + 2m_{110}^{(21)}m_{120}^{(00)}m_{112}^{(22)} - 2m_{110}^{(21)}m_{120}^{(00)}m_{103}^{(21)}
\end{aligned}
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\begin{aligned}
&+2m_{110}^{(21)}m_{120}^{(10)}m_{202}^{(22)} - 2m_{110}^{(21)}m_{120}^{(10)}m_{103}^{(20)} - 4m_{110}^{(21)}m_{120}^{(20)}m_{211}^{(22)} + 2m_{110}^{(21)}m_{120}^{(20)}m_{202}^{(21)}\\
&+2m_{110}^{(21)}m_{120}^{(20)}m_{103}^{(10)} - 2m_{110}^{(21)}m_{120}^{(21)}m_{202}^{(20)} + 2m_{110}^{(21)}m_{120}^{(21)}m_{103}^{(00)} + 4m_{110}^{(21)}m_{120}^{(22)}m_{211}^{(20)}\\
&-2m_{110}^{(21)}m_{120}^{(22)}m_{202}^{(10)} - 2m_{110}^{(21)}m_{120}^{(22)}m_{112}^{(00)} + 2m_{110}^{(21)}m_{111}^{(00)}m_{121}^{(22)} - 4m_{110}^{(21)}m_{111}^{(00)}m_{112}^{(21)}\\
&+2m_{110}^{(21)}m_{111}^{(00)}m_{103}^{(11)} + 4m_{110}^{(21)}m_{111}^{(10)}m_{211}^{(22)} - 4m_{110}^{(21)}m_{111}^{(10)}m_{202}^{(21)} + 2m_{110}^{(21)}m_{111}^{(11)}m_{301}^{(22)}\\
&-2m_{110}^{(21)}m_{111}^{(11)}m_{103}^{(00)} - 4m_{110}^{(21)}m_{111}^{(20)}m_{220}^{(22)} + 4m_{110}^{(21)}m_{111}^{(20)}m_{211}^{(21)} - 4m_{110}^{(21)}m_{111}^{(21)}m_{310}^{(22)}\\
&-4m_{110}^{(21)}m_{111}^{(21)}m_{211}^{(20)} + 4m_{110}^{(21)}m_{111}^{(21)}m_{202}^{(10)} + 4m_{110}^{(21)}m_{111}^{(21)}m_{112}^{(00)} + 4m_{110}^{(21)}m_{111}^{(22)}m_{310}^{(21)}\\
&-2m_{110}^{(21)}m_{111}^{(22)}m_{301}^{(11)} + 4m_{110}^{(21)}m_{111}^{(22)}m_{220}^{(20)} - 4m_{110}^{(21)}m_{111}^{(22)}m_{211}^{(10)} - 2m_{110}^{(21)}m_{111}^{(22)}m_{121}^{(00)}\\
&-2m_{110}^{(21)}m_{102}^{(00)}m_{121}^{(21)} + 2m_{110}^{(21)}m_{102}^{(00)}m_{112}^{(11)} - 2m_{110}^{(21)}m_{102}^{(10)}m_{211}^{(21)} + 2m_{110}^{(21)}m_{102}^{(10)}m_{121}^{(20)}\\
&+2m_{110}^{(21)}m_{102}^{(11)}m_{211}^{(20)} - 2m_{110}^{(21)}m_{102}^{(11)}m_{112}^{(00)} + 4m_{110}^{(21)}m_{102}^{(20)}m_{220}^{(21)} - 2m_{110}^{(21)}m_{102}^{(20)}m_{211}^{(11)}\\
&-2m_{110}^{(21)}m_{102}^{(20)}m_{121}^{(10)} - 4m_{110}^{(21)}m_{102}^{(21)}m_{220}^{(20)} + 2m_{110}^{(21)}m_{102}^{(21)}m_{211}^{(10)} + 2m_{110}^{(21)}m_{102}^{(21)}m_{121}^{(00)}\\
&-2m_{110}^{(21)}m_{021}^{(00)}m_{211}^{(22)} + 2m_{110}^{(21)}m_{021}^{(00)}m_{202}^{(21)} - 2m_{110}^{(21)}m_{021}^{(10)}m_{301}^{(22)} + 2m_{110}^{(21)}m_{021}^{(10)}m_{202}^{(20)}\\
&+4m_{110}^{(21)}m_{021}^{(20)}m_{310}^{(22)} - 2m_{110}^{(21)}m_{021}^{(20)}m_{301}^{(21)} - 2m_{110}^{(21)}m_{021}^{(20)}m_{202}^{(10)} + 2m_{110}^{(21)}m_{021}^{(21)}m_{301}^{(20)}\\
&-2m_{110}^{(21)}m_{021}^{(21)}m_{202}^{(00)} - 4m_{110}^{(21)}m_{021}^{(22)}m_{310}^{(20)} + 2m_{110}^{(21)}m_{021}^{(22)}m_{301}^{(10)} + 2m_{110}^{(21)}m_{021}^{(22)}m_{211}^{(00)}\\
&+2m_{110}^{(21)}m_{012}^{(00)}m_{211}^{(21)} - 2m_{110}^{(21)}m_{012}^{(00)}m_{202}^{(11)} + 2m_{110}^{(21)}m_{012}^{(10)}m_{301}^{(21)} - 2m_{110}^{(21)}m_{012}^{(10)}m_{211}^{(20)}\\
&-2m_{110}^{(21)}m_{012}^{(11)}m_{301}^{(20)} + 2m_{110}^{(21)}m_{012}^{(11)}m_{202}^{(00)} - 4m_{110}^{(21)}m_{012}^{(20)}m_{310}^{(21)} + 2m_{110}^{(21)}m_{012}^{(20)}m_{301}^{(11)}\\
&+2m_{110}^{(21)}m_{012}^{(20)}m_{211}^{(10)} + 4m_{110}^{(21)}m_{012}^{(21)}m_{310}^{(20)} - 2m_{110}^{(21)}m_{012}^{(21)}m_{301}^{(10)} - 2m_{110}^{(21)}m_{012}^{(21)}m_{211}^{(00)}\\
&-m_{110}^{(22)}m_{300}^{(10)}m_{031}^{(22)} + m_{110}^{(22)}m_{300}^{(10)}m_{022}^{(21)} - m_{110}^{(22)}m_{300}^{(11)}m_{121}^{(22)} + m_{110}^{(22)}m_{300}^{(11)}m_{022}^{(20)}\\
&+m_{110}^{(22)}m_{300}^{(20)}m_{031}^{(21)} - m_{110}^{(22)}m_{300}^{(20)}m_{022}^{(11)} + 2m_{110}^{(22)}m_{300}^{(21)}m_{130}^{(22)} - m_{110}^{(22)}m_{300}^{(21)}m_{031}^{(20)}\\
&-m_{110}^{(22)}m_{300}^{(21)}m_{022}^{(10)} - 2m_{110}^{(22)}m_{300}^{(22)}m_{130}^{(21)} + m_{110}^{(22)}m_{300}^{(22)}m_{121}^{(11)} + m_{110}^{(22)}m_{300}^{(22)}m_{031}^{(10)}\\
&+m_{110}^{(22)}m_{210}^{(00)}m_{031}^{(22)} - m_{110}^{(22)}m_{210}^{(00)}m_{022}^{(21)} + 3m_{110}^{(22)}m_{210}^{(10)}m_{121}^{(22)} - 2m_{110}^{(22)}m_{210}^{(10)}m_{112}^{(21)}\\
&-m_{110}^{(22)}m_{210}^{(10)}m_{022}^{(20)} + 2m_{110}^{(22)}m_{210}^{(11)}m_{211}^{(22)} - 2m_{110}^{(22)}m_{210}^{(11)}m_{112}^{(20)} - 2m_{110}^{(22)}m_{210}^{(20)}m_{130}^{(22)}\\
&-m_{110}^{(22)}m_{210}^{(20)}m_{121}^{(21)} + 2m_{110}^{(22)}m_{210}^{(20)}m_{112}^{(11)} + m_{110}^{(22)}m_{210}^{(20)}m_{022}^{(10)} - 4m_{110}^{(22)}m_{210}^{(21)}m_{220}^{(22)}\\
&+m_{110}^{(22)}m_{210}^{(21)}m_{121}^{(20)} + 2m_{110}^{(22)}m_{210}^{(21)}m_{112}^{(10)} + m_{110}^{(22)}m_{210}^{(21)}m_{022}^{(00)} + 4m_{110}^{(22)}m_{210}^{(22)}m_{220}^{(21)}\\
&-2m_{110}^{(22)}m_{210}^{(22)}m_{211}^{(11)} + 2m_{110}^{(22)}m_{210}^{(22)}m_{130}^{(20)} - 3m_{110}^{(22)}m_{210}^{(22)}m_{121}^{(10)} - m_{110}^{(22)}m_{210}^{(22)}m_{031}^{(00)}\\
&-m_{110}^{(22)}m_{201}^{(00)}m_{031}^{(21)} + m_{110}^{(22)}m_{201}^{(00)}m_{022}^{(11)} - m_{110}^{(22)}m_{201}^{(10)}m_{121}^{(21)} + m_{110}^{(22)}m_{201}^{(10)}m_{031}^{(20)}\\
&+m_{110}^{(22)}m_{201}^{(11)}m_{121}^{(20)} - m_{110}^{(22)}m_{201}^{(11)}m_{022}^{(00)} + 2m_{110}^{(22)}m_{201}^{(20)}m_{130}^{(21)} - m_{110}^{(22)}m_{201}^{(20)}m_{121}^{(11)}\\
&-m_{110}^{(22)}m_{201}^{(20)}m_{031}^{(10)} - 2m_{110}^{(22)}m_{201}^{(21)}m_{130}^{(20)} + m_{110}^{(22)}m_{201}^{(21)}m_{121}^{(10)} + m_{110}^{(22)}m_{201}^{(21)}m_{031}^{(00)}\\
&-2m_{110}^{(22)}m_{120}^{(00)}m_{121}^{(22)} + 2m_{110}^{(22)}m_{120}^{(00)}m_{112}^{(21)} - 3m_{110}^{(22)}m_{120}^{(10)}m_{211}^{(22)} + m_{110}^{(22)}m_{120}^{(10)}m_{202}^{(21)}\\
&+2m_{110}^{(22)}m_{120}^{(10)}m_{112}^{(20)} - m_{110}^{(22)}m_{120}^{(11)}m_{301}^{(22)} + m_{110}^{(22)}m_{120}^{(11)}m_{202}^{(20)} + 4m_{110}^{(22)}m_{120}^{(20)}m_{220}^{(22)}\\
&-m_{110}^{(22)}m_{120}^{(20)}m_{211}^{(21)} - m_{110}^{(22)}m_{120}^{(20)}m_{202}^{(11)} - 2m_{110}^{(22)}m_{120}^{(20)}m_{112}^{(10)} + 2m_{110}^{(22)}m_{120}^{(21)}m_{310}^{(22)}\\
&+m_{110}^{(22)}m_{120}^{(21)}m_{211}^{(20)} - m_{110}^{(22)}m_{120}^{(21)}m_{202}^{(10)} - 2m_{110}^{(22)}m_{120}^{(21)}m_{112}^{(00)} - 2m_{110}^{(22)}m_{120}^{(22)}m_{310}^{(21)}\\
&+m_{110}^{(22)}m_{120}^{(22)}m_{301}^{(11)} - 4m_{110}^{(22)}m_{120}^{(22)}m_{220}^{(20)} + 3m_{110}^{(22)}m_{120}^{(22)}m_{211}^{(10)} + 2m_{110}^{(22)}m_{120}^{(22)}m_{121}^{(00)}\\
&+2m_{110}^{(22)}m_{111}^{(00)}m_{121}^{(21)} - 2m_{110}^{(22)}m_{111}^{(00)}m_{112}^{(11)} + 2m_{110}^{(22)}m_{111}^{(10)}m_{211}^{(21)} - 2m_{110}^{(22)}m_{111}^{(10)}m_{121}^{(20)}\\
&-2m_{110}^{(22)}m_{111}^{(11)}m_{211}^{(20)} + 2m_{110}^{(22)}m_{111}^{(11)}m_{112}^{(00)} - 4m_{110}^{(22)}m_{111}^{(20)}m_{220}^{(21)} + 2m_{110}^{(22)}m_{111}^{(20)}m_{211}^{(11)}\\
&+2m_{110}^{(22)}m_{111}^{(20)}m_{121}^{(10)} + 4m_{110}^{(22)}m_{111}^{(21)}m_{220}^{(20)} - 2m_{110}^{(22)}m_{111}^{(21)}m_{211}^{(10)} - 2m_{110}^{(22)}m_{111}^{(21)}m_{121}^{(00)}\\
&+m_{110}^{(22)}m_{030}^{(00)}m_{211}^{(22)} - m_{110}^{(22)}m_{030}^{(00)}m_{202}^{(21)} + m_{110}^{(22)}m_{030}^{(10)}m_{301}^{(22)} - m_{110}^{(22)}m_{030}^{(10)}m_{202}^{(20)}\\
&-2m_{110}^{(22)}m_{030}^{(20)}m_{310}^{(22)} + m_{110}^{(22)}m_{030}^{(20)}m_{301}^{(21)} + m_{110}^{(22)}m_{030}^{(20)}m_{202}^{(10)} - m_{110}^{(22)}m_{030}^{(21)}m_{301}^{(20)}\\
&+m_{110}^{(22)}m_{030}^{(21)}m_{202}^{(00)} + 2m_{110}^{(22)}m_{030}^{(22)}m_{310}^{(20)} - m_{110}^{(22)}m_{030}^{(22)}m_{301}^{(10)} - m_{110}^{(22)}m_{030}^{(22)}m_{211}^{(00)}
\end{aligned}
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\begin{aligned}
&-m_{110}^{(22)}m_{021}^{(00)}m_{211}^{(21)}+m_{110}^{(22)}m_{021}^{(00)}m_{202}^{(11)}-m_{110}^{(22)}m_{021}^{(10)}m_{301}^{(21)}+m_{110}^{(22)}m_{021}^{(10)}m_{211}^{(20)}\\
&+m_{110}^{(22)}m_{021}^{(11)}m_{301}^{(20)}-m_{110}^{(22)}m_{021}^{(11)}m_{202}^{(00)}+2m_{110}^{(22)}m_{021}^{(20)}m_{310}^{(21)}-m_{110}^{(22)}m_{021}^{(20)}m_{301}^{(11)}\\
&-m_{110}^{(22)}m_{021}^{(20)}m_{211}^{(10)}-2m_{110}^{(22)}m_{021}^{(21)}m_{310}^{(20)}+m_{110}^{(22)}m_{021}^{(21)}m_{301}^{(10)}+m_{110}^{(22)}m_{021}^{(21)}m_{211}^{(00)}\\
&+m_{101}^{(00)}m_{120}^{(10)}m_{022}^{(22)}-m_{101}^{(00)}m_{120}^{(10)}m_{013}^{(21)}-m_{101}^{(00)}m_{120}^{(11)}m_{112}^{(22)}+2m_{101}^{(00)}m_{120}^{(11)}m_{103}^{(21)}\\
&-m_{101}^{(00)}m_{120}^{(11)}m_{013}^{(20)}-m_{101}^{(00)}m_{120}^{(20)}m_{022}^{(21)}+m_{101}^{(00)}m_{120}^{(20)}m_{013}^{(11)}-2m_{101}^{(00)}m_{120}^{(21)}m_{103}^{(11)}\\
&+m_{101}^{(00)}m_{120}^{(21)}m_{022}^{(20)}+m_{101}^{(00)}m_{120}^{(21)}m_{013}^{(10)}+m_{101}^{(00)}m_{120}^{(22)}m_{112}^{(11)}-m_{101}^{(00)}m_{120}^{(22)}m_{022}^{(10)}\\
&-2m_{101}^{(00)}m_{111}^{(10)}m_{031}^{(22)}+2m_{101}^{(00)}m_{111}^{(10)}m_{022}^{(21)}+2m_{101}^{(00)}m_{111}^{(11)}m_{121}^{(22)}-4m_{101}^{(00)}m_{111}^{(11)}m_{112}^{(21)}\\
&+2m_{101}^{(00)}m_{111}^{(11)}m_{022}^{(20)}+2m_{101}^{(00)}m_{111}^{(20)}m_{031}^{(21)}-2m_{101}^{(00)}m_{111}^{(20)}m_{022}^{(11)}+4m_{101}^{(00)}m_{111}^{(21)}m_{112}^{(11)}\\
&-2m_{101}^{(00)}m_{111}^{(21)}m_{031}^{(20)}-2m_{101}^{(00)}m_{111}^{(21)}m_{022}^{(10)}-2m_{101}^{(00)}m_{111}^{(22)}m_{121}^{(11)}+2m_{101}^{(00)}m_{111}^{(22)}m_{031}^{(10)}\\
&+m_{101}^{(00)}m_{102}^{(10)}m_{040}^{(22)}-m_{101}^{(00)}m_{102}^{(10)}m_{031}^{(21)}-m_{101}^{(00)}m_{102}^{(11)}m_{130}^{(22)}+2m_{101}^{(00)}m_{102}^{(11)}m_{121}^{(21)}\\
&-m_{101}^{(00)}m_{102}^{(11)}m_{031}^{(20)}-m_{101}^{(00)}m_{102}^{(20)}m_{040}^{(21)}+m_{101}^{(00)}m_{102}^{(20)}m_{031}^{(11)}-2m_{101}^{(00)}m_{102}^{(21)}m_{121}^{(11)}\\
&+m_{101}^{(00)}m_{102}^{(21)}m_{040}^{(20)}+m_{101}^{(00)}m_{102}^{(21)}m_{031}^{(10)}+m_{101}^{(00)}m_{102}^{(22)}m_{130}^{(11)}-m_{101}^{(00)}m_{102}^{(22)}m_{040}^{(10)}\\
&-m_{101}^{(00)}m_{030}^{(00)}m_{022}^{(22)}+m_{101}^{(00)}m_{030}^{(00)}m_{013}^{(21)}+m_{101}^{(00)}m_{030}^{(10)}m_{112}^{(22)}-2m_{101}^{(00)}m_{030}^{(10)}m_{103}^{(21)}\\
&+m_{101}^{(00)}m_{030}^{(10)}m_{013}^{(20)}+m_{101}^{(00)}m_{030}^{(20)}m_{112}^{(21)}-m_{101}^{(00)}m_{030}^{(20)}m_{013}^{(10)}-m_{101}^{(00)}m_{030}^{(21)}m_{112}^{(20)}\\
&+2m_{101}^{(00)}m_{030}^{(21)}m_{103}^{(10)}-m_{101}^{(00)}m_{030}^{(21)}m_{013}^{(00)}-m_{101}^{(00)}m_{030}^{(22)}m_{112}^{(10)}+m_{101}^{(00)}m_{030}^{(22)}m_{022}^{(00)}\\
&+2m_{101}^{(00)}m_{021}^{(00)}m_{031}^{(22)}-m_{101}^{(00)}m_{021}^{(00)}m_{022}^{(21)}-m_{101}^{(00)}m_{021}^{(00)}m_{013}^{(11)}-2m_{101}^{(00)}m_{021}^{(10)}m_{121}^{(22)}\\
&+3m_{101}^{(00)}m_{021}^{(10)}m_{112}^{(21)}+2m_{101}^{(00)}m_{021}^{(10)}m_{103}^{(11)}-3m_{101}^{(00)}m_{021}^{(10)}m_{022}^{(20)}+m_{101}^{(00)}m_{021}^{(11)}m_{112}^{(20)}\\
&-2m_{101}^{(00)}m_{021}^{(11)}m_{103}^{(10)}+m_{101}^{(00)}m_{021}^{(11)}m_{013}^{(00)}-2m_{101}^{(00)}m_{021}^{(20)}m_{121}^{(21)}-m_{101}^{(00)}m_{021}^{(20)}m_{112}^{(11)}\\
&+3m_{101}^{(00)}m_{021}^{(20)}m_{022}^{(10)}+2m_{101}^{(00)}m_{021}^{(21)}m_{121}^{(20)}-3m_{101}^{(00)}m_{021}^{(21)}m_{112}^{(10)}+m_{101}^{(00)}m_{021}^{(21)}m_{022}^{(00)}\\
&+2m_{101}^{(00)}m_{021}^{(22)}m_{121}^{(10)}-2m_{101}^{(00)}m_{021}^{(22)}m_{031}^{(00)}-m_{101}^{(00)}m_{012}^{(00)}m_{040}^{(22)}-m_{101}^{(00)}m_{012}^{(00)}m_{031}^{(21)}\\
&+2m_{101}^{(00)}m_{012}^{(00)}m_{022}^{(11)}+m_{101}^{(00)}m_{012}^{(10)}m_{130}^{(22)}-4m_{101}^{(00)}m_{012}^{(10)}m_{112}^{(11)}+3m_{101}^{(00)}m_{012}^{(10)}m_{031}^{(20)}\\
&-2m_{101}^{(00)}m_{012}^{(11)}m_{121}^{(20)}+4m_{101}^{(00)}m_{012}^{(11)}m_{112}^{(10)}-2m_{101}^{(00)}m_{012}^{(11)}m_{022}^{(00)}+m_{101}^{(00)}m_{012}^{(20)}m_{121}^{(21)}\\
&+2m_{101}^{(00)}m_{012}^{(20)}m_{121}^{(11)}-3m_{101}^{(00)}m_{012}^{(20)}m_{031}^{(10)}-m_{101}^{(00)}m_{012}^{(21)}m_{130}^{(20)}+m_{101}^{(00)}m_{012}^{(21)}m_{031}^{(00)}\\
&-m_{101}^{(00)}m_{012}^{(22)}m_{130}^{(10)}+m_{101}^{(00)}m_{012}^{(22)}m_{040}^{(00)}+m_{101}^{(00)}m_{003}^{(00)}m_{040}^{(21)}-m_{101}^{(00)}m_{003}^{(00)}m_{031}^{(11)}\\
&-m_{101}^{(00)}m_{003}^{(10)}m_{130}^{(21)}+2m_{101}^{(00)}m_{003}^{(10)}m_{121}^{(11)}-m_{101}^{(00)}m_{003}^{(10)}m_{040}^{(20)}+m_{101}^{(00)}m_{003}^{(11)}m_{130}^{(20)}\\
&-2m_{101}^{(00)}m_{003}^{(11)}m_{121}^{(10)}+m_{101}^{(00)}m_{003}^{(11)}m_{031}^{(00)}-m_{101}^{(00)}m_{003}^{(20)}m_{130}^{(11)}+m_{101}^{(00)}m_{003}^{(20)}m_{040}^{(10)}\\
&+m_{101}^{(00)}m_{003}^{(21)}m_{130}^{(10)}-m_{101}^{(00)}m_{003}^{(21)}m_{040}^{(00)}-2m_{101}^{(10)}m_{210}^{(10)}m_{022}^{(22)}+2m_{101}^{(10)}m_{210}^{(10)}m_{013}^{(21)}\\
&+2m_{101}^{(10)}m_{210}^{(11)}m_{112}^{(22)}-4m_{101}^{(10)}m_{210}^{(11)}m_{103}^{(21)}+2m_{101}^{(10)}m_{210}^{(11)}m_{013}^{(20)}+2m_{101}^{(10)}m_{210}^{(20)}m_{022}^{(21)}\\
&-2m_{101}^{(10)}m_{210}^{(20)}m_{013}^{(11)}+4m_{101}^{(10)}m_{210}^{(21)}m_{103}^{(11)}-2m_{101}^{(10)}m_{210}^{(21)}m_{022}^{(20)}-2m_{101}^{(10)}m_{210}^{(21)}m_{013}^{(10)}\\
&-2m_{101}^{(10)}m_{210}^{(22)}m_{112}^{(11)}+2m_{101}^{(10)}m_{210}^{(22)}m_{022}^{(10)}+2m_{101}^{(10)}m_{201}^{(10)}m_{031}^{(22)}-2m_{101}^{(10)}m_{201}^{(10)}m_{022}^{(21)}\\
&-2m_{101}^{(10)}m_{201}^{(11)}m_{121}^{(22)}+4m_{101}^{(10)}m_{201}^{(11)}m_{112}^{(21)}-2m_{101}^{(10)}m_{201}^{(11)}m_{022}^{(20)}-2m_{101}^{(10)}m_{201}^{(20)}m_{031}^{(21)}\\
&+2m_{101}^{(10)}m_{201}^{(20)}m_{022}^{(11)}-4m_{101}^{(10)}m_{201}^{(21)}m_{112}^{(11)}+2m_{101}^{(10)}m_{201}^{(21)}m_{031}^{(20)}+2m_{101}^{(10)}m_{201}^{(21)}m_{022}^{(10)}\\
&+2m_{101}^{(10)}m_{201}^{(22)}m_{121}^{(11)}-2m_{101}^{(10)}m_{201}^{(22)}m_{031}^{(10)}+2m_{101}^{(10)}m_{120}^{(00)}m_{022}^{(22)}-2m_{101}^{(10)}m_{120}^{(00)}m_{013}^{(21)}\\
&-2m_{101}^{(10)}m_{120}^{(10)}m_{112}^{(22)}+4m_{101}^{(10)}m_{120}^{(10)}m_{103}^{(21)}-2m_{101}^{(10)}m_{120}^{(10)}m_{013}^{(20)}-2m_{101}^{(10)}m_{120}^{(20)}m_{112}^{(21)}\\
&+2m_{101}^{(10)}m_{120}^{(20)}m_{013}^{(10)}+2m_{101}^{(10)}m_{120}^{(21)}m_{112}^{(20)}-4m_{101}^{(10)}m_{120}^{(21)}m_{103}^{(10)}+2m_{101}^{(10)}m_{120}^{(21)}m_{013}^{(00)}\\
&+2m_{101}^{(10)}m_{120}^{(22)}m_{112}^{(10)}-2m_{101}^{(10)}m_{120}^{(22)}m_{022}^{(00)}-2m_{101}^{(10)}m_{111}^{(00)}m_{031}^{(22)}+2m_{101}^{(10)}m_{111}^{(00)}m_{013}^{(11)}\\
&+4m_{101}^{(10)}m_{111}^{(10)}m_{121}^{(22)}-4m_{101}^{(10)}m_{111}^{(10)}m_{112}^{(21)}-4m_{101}^{(10)}m_{111}^{(10)}m_{103}^{(11)}+4m_{101}^{(10)}m_{111}^{(10)}m_{022}^{(20)}\\
&-2m_{101}^{(10)}m_{111}^{(11)}m_{211}^{(22)}+4m_{101}^{(10)}m_{111}^{(11)}m_{202}^{(21)}-4m_{101}^{(10)}m_{111}^{(11)}m_{112}^{(20)}+4m_{101}^{(10)}m_{111}^{(11)}m_{103}^{(10)}
\end{aligned}
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\begin{aligned}
&-2m_{101}^{(10)}m_{111}^{(11)}m_{013}^{(00)} + 4m_{101}^{(10)}m_{111}^{(20)}m_{112}^{(11)} - 4m_{101}^{(10)}m_{111}^{(20)}m_{022}^{(10)} - 4m_{101}^{(10)}m_{111}^{(21)}m_{202}^{(11)} \\
&+4m_{101}^{(10)}m_{111}^{(21)}m_{112}^{(10)} + 2m_{101}^{(10)}m_{111}^{(22)}m_{211}^{(11)} - 4m_{101}^{(10)}m_{111}^{(22)}m_{121}^{(10)} + 2m_{101}^{(10)}m_{111}^{(22)}m_{031}^{(00)} \\
&+2m_{101}^{(10)}m_{102}^{(00)}m_{031}^{(21)} - 2m_{101}^{(10)}m_{102}^{(00)}m_{022}^{(11)} - 2m_{101}^{(10)}m_{102}^{(10)}m_{130}^{(22)} + 4m_{101}^{(10)}m_{102}^{(10)}m_{112}^{(11)} \\
&-2m_{101}^{(10)}m_{102}^{(10)}m_{031}^{(20)} + 2m_{101}^{(10)}m_{102}^{(11)}m_{220}^{(22)} - 4m_{101}^{(10)}m_{102}^{(11)}m_{211}^{(21)} + 4m_{101}^{(10)}m_{102}^{(11)}m_{121}^{(20)} \\
&-4m_{101}^{(10)}m_{102}^{(11)}m_{112}^{(10)} + 2m_{101}^{(10)}m_{102}^{(11)}m_{022}^{(00)} + 2m_{101}^{(10)}m_{102}^{(20)}m_{130}^{(21)} - 4m_{101}^{(10)}m_{102}^{(20)}m_{112}^{(11)} \\
&+2m_{101}^{(10)}m_{102}^{(20)}m_{031}^{(10)} + 4m_{101}^{(10)}m_{102}^{(21)}m_{211}^{(11)} - 2m_{101}^{(10)}m_{102}^{(21)}m_{130}^{(20)} - 2m_{101}^{(10)}m_{102}^{(21)}m_{031}^{(00)} \\
&-2m_{101}^{(10)}m_{102}^{(22)}m_{220}^{(11)} + 2m_{101}^{(10)}m_{102}^{(22)}m_{130}^{(10)} - 2m_{101}^{(10)}m_{021}^{(00)}m_{121}^{(22)} + 2m_{101}^{(10)}m_{021}^{(00)}m_{112}^{(21)} \\
&+2m_{101}^{(10)}m_{021}^{(10)}m_{211}^{(22)} - 4m_{101}^{(10)}m_{021}^{(10)}m_{202}^{(21)} + 2m_{101}^{(10)}m_{021}^{(10)}m_{112}^{(20)} + 2m_{101}^{(10)}m_{021}^{(20)}m_{211}^{(21)} \\
&-2m_{101}^{(10)}m_{021}^{(20)}m_{112}^{(10)} - 2m_{101}^{(10)}m_{021}^{(21)}m_{211}^{(20)} + 4m_{101}^{(10)}m_{021}^{(21)}m_{202}^{(10)} - 2m_{101}^{(10)}m_{021}^{(21)}m_{112}^{(00)} \\
&-2m_{101}^{(10)}m_{021}^{(22)}m_{211}^{(10)} + 2m_{101}^{(10)}m_{021}^{(22)}m_{121}^{(00)} + 2m_{101}^{(10)}m_{012}^{(00)}m_{130}^{(22)} - 2m_{101}^{(10)}m_{012}^{(00)}m_{112}^{(11)} \\
&-2m_{101}^{(10)}m_{012}^{(10)}m_{220}^{(22)} + 2m_{101}^{(10)}m_{012}^{(10)}m_{211}^{(21)} + 4m_{101}^{(10)}m_{012}^{(10)}m_{202}^{(11)} - 4m_{101}^{(10)}m_{012}^{(10)}m_{121}^{(20)} \\
&+2m_{101}^{(10)}m_{012}^{(11)}m_{211}^{(20)} - 4m_{101}^{(10)}m_{012}^{(11)}m_{202}^{(10)} + 2m_{101}^{(10)}m_{012}^{(11)}m_{112}^{(00)} - 2m_{101}^{(10)}m_{012}^{(20)}m_{220}^{(21)} \\
&-2m_{101}^{(10)}m_{012}^{(20)}m_{211}^{(11)} + 4m_{101}^{(10)}m_{012}^{(20)}m_{121}^{(10)} + 2m_{101}^{(10)}m_{012}^{(21)}m_{220}^{(20)} - 2m_{101}^{(10)}m_{012}^{(21)}m_{211}^{(10)} \\
&+2m_{101}^{(10)}m_{012}^{(22)}m_{220}^{(10)} - 2m_{101}^{(10)}m_{012}^{(22)}m_{130}^{(00)} - 2m_{101}^{(10)}m_{003}^{(00)}m_{130}^{(21)} + 2m_{101}^{(10)}m_{003}^{(00)}m_{121}^{(11)} \\
&+2m_{101}^{(10)}m_{003}^{(10)}m_{220}^{(21)} - 4m_{101}^{(10)}m_{003}^{(10)}m_{211}^{(11)} + 2m_{101}^{(10)}m_{003}^{(10)}m_{130}^{(20)} - 2m_{101}^{(10)}m_{003}^{(11)}m_{220}^{(20)} \\
&+4m_{101}^{(10)}m_{003}^{(11)}m_{211}^{(10)} - 2m_{101}^{(10)}m_{003}^{(11)}m_{121}^{(00)} + 2m_{101}^{(10)}m_{003}^{(20)}m_{220}^{(11)} - 2m_{101}^{(10)}m_{003}^{(20)}m_{130}^{(10)} \\
&-2m_{101}^{(10)}m_{003}^{(21)}m_{220}^{(10)} + 2m_{101}^{(10)}m_{003}^{(21)}m_{130}^{(00)} + m_{101}^{(11)}m_{300}^{(10)}m_{022}^{(22)} - m_{101}^{(11)}m_{300}^{(10)}m_{013}^{(21)} \\
&-m_{101}^{(11)}m_{300}^{(11)}m_{112}^{(22)} + 2m_{101}^{(11)}m_{300}^{(11)}m_{103}^{(21)} - m_{101}^{(11)}m_{300}^{(11)}m_{013}^{(20)} - m_{101}^{(11)}m_{300}^{(20)}m_{022}^{(21)} \\
&+m_{101}^{(11)}m_{300}^{(20)}m_{013}^{(11)} - 2m_{101}^{(11)}m_{300}^{(21)}m_{103}^{(11)} + m_{101}^{(11)}m_{300}^{(21)}m_{022}^{(20)} + m_{101}^{(11)}m_{300}^{(21)}m_{013}^{(10)} \\
&+m_{101}^{(11)}m_{300}^{(22)}m_{112}^{(11)} - m_{101}^{(11)}m_{300}^{(22)}m_{022}^{(10)} - m_{101}^{(11)}m_{210}^{(00)}m_{022}^{(22)} + m_{101}^{(11)}m_{210}^{(00)}m_{013}^{(21)} \\
&+m_{101}^{(11)}m_{210}^{(10)}m_{112}^{(22)} - 2m_{101}^{(11)}m_{210}^{(10)}m_{103}^{(21)} + m_{101}^{(11)}m_{210}^{(10)}m_{013}^{(20)} + m_{101}^{(11)}m_{210}^{(20)}m_{112}^{(21)} \\
&-m_{101}^{(11)}m_{210}^{(20)}m_{013}^{(10)} - m_{101}^{(11)}m_{210}^{(21)}m_{112}^{(20)} + 2m_{101}^{(11)}m_{210}^{(21)}m_{103}^{(10)} - m_{101}^{(11)}m_{210}^{(21)}m_{013}^{(00)} \\
&-m_{101}^{(11)}m_{210}^{(22)}m_{112}^{(10)} + m_{101}^{(11)}m_{210}^{(22)}m_{022}^{(00)} + m_{101}^{(11)}m_{201}^{(00)}m_{022}^{(21)} - m_{101}^{(11)}m_{201}^{(00)}m_{013}^{(11)} \\
&-2m_{101}^{(11)}m_{201}^{(10)}m_{121}^{(22)} + m_{101}^{(11)}m_{201}^{(10)}m_{112}^{(21)} + 2m_{101}^{(11)}m_{201}^{(10)}m_{103}^{(11)} - m_{101}^{(11)}m_{201}^{(10)}m_{022}^{(20)} \\
&+2m_{101}^{(11)}m_{201}^{(11)}m_{211}^{(22)} - 4m_{101}^{(11)}m_{201}^{(11)}m_{202}^{(21)} + 3m_{101}^{(11)}m_{201}^{(11)}m_{112}^{(20)} - 2m_{101}^{(11)}m_{201}^{(11)}m_{103}^{(10)} \\
&+m_{101}^{(11)}m_{201}^{(11)}m_{013}^{(00)} + 2m_{101}^{(11)}m_{201}^{(20)}m_{121}^{(21)} - 3m_{101}^{(11)}m_{201}^{(20)}m_{112}^{(11)} + m_{101}^{(11)}m_{201}^{(20)}m_{022}^{(10)} \\
&+4m_{101}^{(11)}m_{201}^{(21)}m_{202}^{(11)} - 2m_{101}^{(11)}m_{201}^{(21)}m_{121}^{(20)} - m_{101}^{(11)}m_{201}^{(21)}m_{112}^{(10)} - m_{101}^{(11)}m_{201}^{(21)}m_{022}^{(00)} \\
&-2m_{101}^{(11)}m_{201}^{(22)}m_{211}^{(11)} + 2m_{101}^{(11)}m_{201}^{(22)}m_{121}^{(10)} + 2m_{101}^{(11)}m_{111}^{(00)}m_{121}^{(22)} - 2m_{101}^{(11)}m_{111}^{(00)}m_{112}^{(21)} \\
&-2m_{101}^{(11)}m_{111}^{(10)}m_{211}^{(22)} + 4m_{101}^{(11)}m_{111}^{(10)}m_{202}^{(21)} - 2m_{101}^{(11)}m_{111}^{(10)}m_{112}^{(20)} - 2m_{101}^{(11)}m_{111}^{(20)}m_{211}^{(21)} \\
&+2m_{101}^{(11)}m_{111}^{(20)}m_{112}^{(10)} + 2m_{101}^{(11)}m_{111}^{(21)}m_{211}^{(20)} - 4m_{101}^{(11)}m_{111}^{(21)}m_{202}^{(10)} + 2m_{101}^{(11)}m_{111}^{(21)}m_{112}^{(00)} \\
&+2m_{101}^{(11)}m_{111}^{(22)}m_{211}^{(10)} - 2m_{101}^{(11)}m_{111}^{(22)}m_{121}^{(00)} - 2m_{101}^{(11)}m_{102}^{(00)}m_{121}^{(21)} + 2m_{101}^{(11)}m_{102}^{(00)}m_{112}^{(11)} \\
&+m_{101}^{(11)}m_{102}^{(10)}m_{220}^{(22)} + m_{101}^{(11)}m_{102}^{(10)}m_{211}^{(21)} - 4m_{101}^{(11)}m_{102}^{(10)}m_{202}^{(11)} + 2m_{101}^{(11)}m_{102}^{(10)}m_{121}^{(20)} \\
&-m_{101}^{(11)}m_{102}^{(11)}m_{310}^{(22)} + 2m_{101}^{(11)}m_{102}^{(11)}m_{301}^{(21)} - 3m_{101}^{(11)}m_{102}^{(11)}m_{211}^{(20)} + 4m_{101}^{(11)}m_{102}^{(11)}m_{202}^{(10)} \\
&-2m_{101}^{(11)}m_{102}^{(11)}m_{112}^{(00)} - m_{101}^{(11)}m_{102}^{(20)}m_{220}^{(21)} + 3m_{101}^{(11)}m_{102}^{(20)}m_{211}^{(11)} - 2m_{101}^{(11)}m_{102}^{(20)}m_{121}^{(10)} \\
&-2m_{101}^{(11)}m_{102}^{(21)}m_{301}^{(11)} + m_{101}^{(11)}m_{102}^{(21)}m_{220}^{(20)} - m_{101}^{(11)}m_{102}^{(21)}m_{211}^{(10)} + 2m_{101}^{(11)}m_{102}^{(21)}m_{121}^{(00)} \\
&+m_{101}^{(11)}m_{102}^{(22)}m_{310}^{(11)} - m_{101}^{(11)}m_{102}^{(22)}m_{220}^{(10)} - m_{101}^{(11)}m_{012}^{(00)}m_{220}^{(22)} + m_{101}^{(11)}m_{012}^{(00)}m_{211}^{(21)} \\
&+m_{101}^{(11)}m_{012}^{(10)}m_{310}^{(22)} - 2m_{101}^{(11)}m_{012}^{(10)}m_{301}^{(21)} + m_{101}^{(11)}m_{012}^{(10)}m_{211}^{(20)} + m_{101}^{(11)}m_{012}^{(20)}m_{310}^{(21)} \\
&-m_{101}^{(11)}m_{012}^{(20)}m_{211}^{(10)} - m_{101}^{(11)}m_{012}^{(21)}m_{310}^{(20)} + 2m_{101}^{(11)}m_{012}^{(21)}m_{301}^{(10)} - m_{101}^{(11)}m_{012}^{(21)}m_{211}^{(00)}
\end{aligned}
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\begin{aligned}
&-m_{101}^{(11)}m_{012}^{(22)}m_{310}^{(10)}+m_{101}^{(11)}m_{012}^{(22)}m_{220}^{(00)}+m_{101}^{(11)}m_{003}^{(00)}m_{220}^{(21)}-m_{101}^{(11)}m_{003}^{(00)}m_{211}^{(11)}\\
&-m_{101}^{(11)}m_{003}^{(10)}m_{310}^{(21)}+2m_{101}^{(11)}m_{003}^{(10)}m_{301}^{(11)}-m_{101}^{(11)}m_{003}^{(10)}m_{220}^{(20)}+m_{101}^{(11)}m_{003}^{(11)}m_{310}^{(20)}\\
&-2m_{101}^{(11)}m_{003}^{(11)}m_{301}^{(10)}+m_{101}^{(11)}m_{003}^{(11)}m_{211}^{(00)}-m_{101}^{(11)}m_{003}^{(20)}m_{310}^{(11)}+m_{101}^{(11)}m_{003}^{(20)}m_{220}^{(10)}\\
&+m_{101}^{(11)}m_{003}^{(21)}m_{310}^{(10)}-m_{101}^{(11)}m_{003}^{(21)}m_{220}^{(00)}+2m_{101}^{(20)}m_{210}^{(10)}m_{031}^{(22)}-2m_{101}^{(20)}m_{210}^{(10)}m_{022}^{(21)}\\
&-2m_{101}^{(20)}m_{210}^{(11)}m_{121}^{(22)}+4m_{101}^{(20)}m_{210}^{(11)}m_{112}^{(21)}-2m_{101}^{(20)}m_{210}^{(11)}m_{022}^{(20)}-2m_{101}^{(20)}m_{210}^{(20)}m_{031}^{(21)}\\
&+2m_{101}^{(20)}m_{210}^{(20)}m_{022}^{(11)}-4m_{101}^{(20)}m_{210}^{(21)}m_{112}^{(11)}+2m_{101}^{(20)}m_{210}^{(21)}m_{031}^{(20)}+2m_{101}^{(20)}m_{210}^{(21)}m_{022}^{(10)}\\
&+2m_{101}^{(20)}m_{210}^{(22)}m_{121}^{(11)}-2m_{101}^{(20)}m_{210}^{(22)}m_{031}^{(10)}-2m_{101}^{(20)}m_{201}^{(10)}m_{040}^{(22)}+2m_{101}^{(20)}m_{201}^{(10)}m_{031}^{(21)}\\
&+2m_{101}^{(20)}m_{201}^{(11)}m_{130}^{(22)}-4m_{101}^{(20)}m_{201}^{(11)}m_{121}^{(21)}+2m_{101}^{(20)}m_{201}^{(11)}m_{031}^{(20)}+2m_{101}^{(20)}m_{201}^{(20)}m_{040}^{(21)}\\
&-2m_{101}^{(20)}m_{201}^{(20)}m_{031}^{(11)}+4m_{101}^{(20)}m_{201}^{(21)}m_{121}^{(11)}-2m_{101}^{(20)}m_{201}^{(21)}m_{040}^{(20)}-2m_{101}^{(20)}m_{201}^{(21)}m_{031}^{(10)}\\
&-2m_{101}^{(20)}m_{201}^{(22)}m_{130}^{(11)}+2m_{101}^{(20)}m_{201}^{(22)}m_{040}^{(10)}-2m_{101}^{(20)}m_{120}^{(00)}m_{031}^{(22)}+2m_{101}^{(20)}m_{120}^{(00)}m_{022}^{(21)}\\
&-2m_{101}^{(20)}m_{120}^{(10)}m_{112}^{(21)}+2m_{101}^{(20)}m_{120}^{(10)}m_{022}^{(20)}+2m_{101}^{(20)}m_{120}^{(11)}m_{211}^{(22)}-4m_{101}^{(20)}m_{120}^{(11)}m_{202}^{(21)}\\
&+2m_{101}^{(20)}m_{120}^{(11)}m_{112}^{(20)}+4m_{101}^{(20)}m_{120}^{(20)}m_{121}^{(21)}-2m_{101}^{(20)}m_{120}^{(20)}m_{112}^{(11)}-2m_{101}^{(20)}m_{120}^{(20)}m_{022}^{(10)}\\
&+4m_{101}^{(20)}m_{120}^{(21)}m_{202}^{(11)}-4m_{101}^{(20)}m_{120}^{(21)}m_{121}^{(20)}+2m_{101}^{(20)}m_{120}^{(21)}m_{112}^{(10)}-2m_{101}^{(20)}m_{120}^{(21)}m_{022}^{(00)}\\
&-2m_{101}^{(20)}m_{120}^{(22)}m_{211}^{(11)}+2m_{101}^{(20)}m_{120}^{(22)}m_{031}^{(00)}+2m_{101}^{(20)}m_{111}^{(00)}m_{040}^{(22)}-2m_{101}^{(20)}m_{111}^{(00)}m_{022}^{(11)}\\
&+4m_{101}^{(20)}m_{111}^{(10)}m_{112}^{(11)}-4m_{101}^{(20)}m_{111}^{(10)}m_{031}^{(20)}-2m_{101}^{(20)}m_{111}^{(11)}m_{220}^{(22)}+4m_{101}^{(20)}m_{111}^{(11)}m_{211}^{(21)}\\
&-4m_{101}^{(20)}m_{111}^{(11)}m_{112}^{(10)}+2m_{101}^{(20)}m_{111}^{(11)}m_{022}^{(00)}-4m_{101}^{(20)}m_{111}^{(20)}m_{130}^{(21)}+4m_{101}^{(20)}m_{111}^{(20)}m_{031}^{(10)}\\
&-4m_{101}^{(20)}m_{111}^{(21)}m_{211}^{(11)}+4m_{101}^{(20)}m_{111}^{(21)}m_{130}^{(20)}+2m_{101}^{(20)}m_{111}^{(22)}m_{220}^{(11)}-2m_{101}^{(20)}m_{111}^{(22)}m_{040}^{(00)}\\
&-2m_{101}^{(20)}m_{102}^{(00)}m_{040}^{(21)}+2m_{101}^{(20)}m_{102}^{(00)}m_{031}^{(11)}+2m_{101}^{(20)}m_{102}^{(10)}m_{130}^{(21)}-4m_{101}^{(20)}m_{102}^{(10)}m_{121}^{(11)}\\
&+2m_{101}^{(20)}m_{102}^{(10)}m_{040}^{(20)}-2m_{101}^{(20)}m_{102}^{(11)}m_{130}^{(20)}+4m_{101}^{(20)}m_{102}^{(11)}m_{121}^{(10)}-2m_{101}^{(20)}m_{102}^{(11)}m_{031}^{(00)}\\
&+2m_{101}^{(20)}m_{102}^{(20)}m_{130}^{(11)}-2m_{101}^{(20)}m_{102}^{(20)}m_{040}^{(10)}-2m_{101}^{(20)}m_{102}^{(21)}m_{130}^{(10)}+2m_{101}^{(20)}m_{102}^{(21)}m_{040}^{(00)}\\
&+2m_{101}^{(20)}m_{030}^{(00)}m_{121}^{(22)}-2m_{101}^{(20)}m_{030}^{(00)}m_{112}^{(21)}-2m_{101}^{(20)}m_{030}^{(10)}m_{211}^{(22)}+4m_{101}^{(20)}m_{030}^{(10)}m_{202}^{(21)}\\
&-2m_{101}^{(20)}m_{030}^{(10)}m_{112}^{(20)}-2m_{101}^{(20)}m_{030}^{(20)}m_{211}^{(21)}+2m_{101}^{(20)}m_{030}^{(20)}m_{112}^{(10)}+2m_{101}^{(20)}m_{030}^{(21)}m_{211}^{(20)}\\
&-4m_{101}^{(20)}m_{030}^{(21)}m_{202}^{(10)}+2m_{101}^{(20)}m_{030}^{(21)}m_{112}^{(00)}+2m_{101}^{(20)}m_{030}^{(22)}m_{211}^{(10)}-2m_{101}^{(20)}m_{030}^{(22)}m_{121}^{(00)}\\
&-2m_{101}^{(20)}m_{021}^{(00)}m_{130}^{(22)}+2m_{101}^{(20)}m_{021}^{(00)}m_{112}^{(11)}+2m_{101}^{(20)}m_{021}^{(10)}m_{220}^{(22)}-2m_{101}^{(20)}m_{021}^{(10)}m_{211}^{(21)}\\
&-4m_{101}^{(20)}m_{021}^{(10)}m_{202}^{(11)}+4m_{101}^{(20)}m_{021}^{(10)}m_{121}^{(20)}-2m_{101}^{(20)}m_{021}^{(11)}m_{211}^{(20)}+4m_{101}^{(20)}m_{021}^{(11)}m_{202}^{(10)}\\
&-2m_{101}^{(20)}m_{021}^{(11)}m_{112}^{(00)}+2m_{101}^{(20)}m_{021}^{(20)}m_{220}^{(21)}+2m_{101}^{(20)}m_{021}^{(20)}m_{211}^{(11)}-4m_{101}^{(20)}m_{021}^{(20)}m_{121}^{(10)}\\
&-2m_{101}^{(20)}m_{021}^{(21)}m_{220}^{(20)}+2m_{101}^{(20)}m_{021}^{(21)}m_{211}^{(10)}-2m_{101}^{(20)}m_{021}^{(22)}m_{220}^{(10)}+2m_{101}^{(20)}m_{021}^{(22)}m_{130}^{(00)}\\
&+2m_{101}^{(20)}m_{012}^{(00)}m_{130}^{(21)}-2m_{101}^{(20)}m_{012}^{(00)}m_{121}^{(11)}-2m_{101}^{(20)}m_{012}^{(10)}m_{220}^{(21)}+4m_{101}^{(20)}m_{012}^{(10)}m_{211}^{(11)}\\
&-2m_{101}^{(20)}m_{012}^{(10)}m_{130}^{(20)}+2m_{101}^{(20)}m_{012}^{(11)}m_{220}^{(20)}-4m_{101}^{(20)}m_{012}^{(11)}m_{211}^{(10)}+2m_{101}^{(20)}m_{012}^{(11)}m_{121}^{(00)}\\
&-2m_{101}^{(20)}m_{012}^{(20)}m_{220}^{(11)}+2m_{101}^{(20)}m_{012}^{(20)}m_{130}^{(10)}+2m_{101}^{(20)}m_{012}^{(21)}m_{220}^{(10)}-2m_{101}^{(20)}m_{012}^{(21)}m_{130}^{(00)}\\
&-2m_{101}^{(21)}m_{300}^{(10)}m_{031}^{(22)}+2m_{101}^{(21)}m_{300}^{(10)}m_{022}^{(21)}+2m_{101}^{(21)}m_{300}^{(11)}m_{121}^{(22)}-4m_{101}^{(21)}m_{300}^{(11)}m_{112}^{(21)}\\
&+2m_{101}^{(21)}m_{300}^{(11)}m_{022}^{(20)}+2m_{101}^{(21)}m_{300}^{(20)}m_{031}^{(21)}-2m_{101}^{(21)}m_{300}^{(20)}m_{022}^{(11)}+4m_{101}^{(21)}m_{300}^{(21)}m_{112}^{(11)}\\
&-2m_{101}^{(21)}m_{300}^{(21)}m_{031}^{(20)}-2m_{101}^{(21)}m_{300}^{(21)}m_{022}^{(10)}-2m_{101}^{(21)}m_{300}^{(22)}m_{121}^{(11)}+2m_{101}^{(21)}m_{300}^{(22)}m_{031}^{(10)}\\
&+2m_{101}^{(21)}m_{210}^{(00)}m_{031}^{(22)}-2m_{101}^{(21)}m_{210}^{(00)}m_{022}^{(21)}+2m_{101}^{(21)}m_{210}^{(10)}m_{112}^{(21)}-2m_{101}^{(21)}m_{210}^{(10)}m_{022}^{(20)}\\
&-2m_{101}^{(21)}m_{210}^{(11)}m_{211}^{(22)}+4m_{101}^{(21)}m_{210}^{(11)}m_{202}^{(21)}-2m_{101}^{(21)}m_{210}^{(11)}m_{112}^{(20)}-4m_{101}^{(21)}m_{210}^{(20)}m_{121}^{(21)}\\
&+2m_{101}^{(21)}m_{210}^{(20)}m_{112}^{(11)}+2m_{101}^{(21)}m_{210}^{(20)}m_{022}^{(10)}-4m_{101}^{(21)}m_{210}^{(21)}m_{202}^{(11)}+4m_{101}^{(21)}m_{210}^{(21)}m_{121}^{(20)}\\
&-2m_{101}^{(21)}m_{210}^{(21)}m_{112}^{(10)}+2m_{101}^{(21)}m_{210}^{(21)}m_{022}^{(00)}+2m_{101}^{(21)}m_{210}^{(22)}m_{211}^{(11)}-2m_{101}^{(21)}m_{210}^{(22)}m_{031}^{(00)}\\
&-2m_{101}^{(21)}m_{201}^{(00)}m_{031}^{(21)}+2m_{101}^{(21)}m_{201}^{(00)}m_{022}^{(11)}+2m_{101}^{(21)}m_{201}^{(10)}m_{130}^{(22)}-4m_{101}^{(21)}m_{201}^{(10)}m_{112}^{(11)}
\end{aligned}
$$

$$+2m_{101}^{(21)}m_{201}^{(10)}m_{031}^{(20)} - 2m_{101}^{(21)}m_{201}^{(11)}m_{220}^{(22)} + 4m_{101}^{(21)}m_{201}^{(11)}m_{211}^{(21)} - 4m_{101}^{(21)}m_{201}^{(11)}m_{121}^{(20)}$$
$$+4m_{101}^{(21)}m_{201}^{(11)}m_{112}^{(10)} - 2m_{101}^{(21)}m_{201}^{(11)}m_{022}^{(00)} - 2m_{101}^{(21)}m_{201}^{(20)}m_{130}^{(21)} + 4m_{101}^{(21)}m_{201}^{(20)}m_{121}^{(11)}$$
$$-2m_{101}^{(21)}m_{201}^{(20)}m_{031}^{(10)} - 4m_{101}^{(21)}m_{201}^{(21)}m_{211}^{(11)} + 2m_{101}^{(21)}m_{201}^{(21)}m_{130}^{(20)} + 2m_{101}^{(21)}m_{201}^{(21)}m_{031}^{(00)}$$
$$+2m_{101}^{(21)}m_{201}^{(22)}m_{220}^{(11)} - 2m_{101}^{(21)}m_{201}^{(22)}m_{130}^{(10)} - 2m_{101}^{(21)}m_{120}^{(00)}m_{121}^{(22)} + 2m_{101}^{(21)}m_{120}^{(00)}m_{112}^{(21)}$$
$$+2m_{101}^{(21)}m_{120}^{(10)}m_{211}^{(22)} - 4m_{101}^{(21)}m_{120}^{(10)}m_{202}^{(21)} + 2m_{101}^{(21)}m_{120}^{(10)}m_{112}^{(20)} + 2m_{101}^{(21)}m_{120}^{(20)}m_{211}^{(21)}$$
$$-2m_{101}^{(21)}m_{120}^{(20)}m_{112}^{(10)} - 2m_{101}^{(21)}m_{120}^{(21)}m_{211}^{(20)} + 4m_{101}^{(21)}m_{120}^{(21)}m_{202}^{(10)} - 2m_{101}^{(21)}m_{120}^{(21)}m_{112}^{(00)}$$
$$-2m_{101}^{(21)}m_{120}^{(22)}m_{211}^{(10)} + 2m_{101}^{(21)}m_{120}^{(22)}m_{121}^{(00)} - 2m_{101}^{(21)}m_{111}^{(00)}m_{130}^{(22)} + 4m_{101}^{(21)}m_{111}^{(00)}m_{121}^{(21)}$$
$$-2m_{101}^{(21)}m_{111}^{(00)}m_{112}^{(11)} - 4m_{101}^{(21)}m_{111}^{(10)}m_{211}^{(21)} + 4m_{101}^{(21)}m_{111}^{(10)}m_{202}^{(11)} + 2m_{101}^{(21)}m_{111}^{(11)}m_{310}^{(22)}$$
$$-4m_{101}^{(21)}m_{111}^{(11)}m_{301}^{(21)} + 4m_{101}^{(21)}m_{111}^{(11)}m_{211}^{(20)} - 4m_{101}^{(21)}m_{111}^{(11)}m_{202}^{(10)} + 2m_{101}^{(21)}m_{111}^{(11)}m_{112}^{(00)}$$
$$+4m_{101}^{(21)}m_{111}^{(20)}m_{220}^{(21)} - 4m_{101}^{(21)}m_{111}^{(20)}m_{211}^{(11)} + 4m_{101}^{(21)}m_{111}^{(21)}m_{301}^{(11)} - 4m_{101}^{(21)}m_{111}^{(21)}m_{220}^{(20)}$$
$$+4m_{101}^{(21)}m_{111}^{(21)}m_{211}^{(10)} - 4m_{101}^{(21)}m_{111}^{(21)}m_{121}^{(00)} - 2m_{101}^{(21)}m_{111}^{(22)}m_{310}^{(11)} + 2m_{101}^{(21)}m_{111}^{(22)}m_{130}^{(00)}$$
$$+2m_{101}^{(21)}m_{102}^{(00)}m_{130}^{(21)} - 2m_{101}^{(21)}m_{102}^{(00)}m_{121}^{(11)} - 2m_{101}^{(21)}m_{102}^{(10)}m_{220}^{(21)} + 4m_{101}^{(21)}m_{102}^{(10)}m_{211}^{(11)}$$
$$-2m_{101}^{(21)}m_{102}^{(10)}m_{130}^{(20)} + 2m_{101}^{(21)}m_{102}^{(11)}m_{220}^{(20)} - 4m_{101}^{(21)}m_{102}^{(11)}m_{211}^{(10)} + 2m_{101}^{(21)}m_{102}^{(11)}m_{121}^{(00)}$$
$$-2m_{101}^{(21)}m_{102}^{(20)}m_{220}^{(11)} + 2m_{101}^{(21)}m_{102}^{(20)}m_{130}^{(10)} + 2m_{101}^{(21)}m_{102}^{(21)}m_{220}^{(10)} - 2m_{101}^{(21)}m_{102}^{(21)}m_{130}^{(00)}$$
$$+2m_{101}^{(21)}m_{021}^{(00)}m_{220}^{(22)} - 2m_{101}^{(21)}m_{021}^{(00)}m_{211}^{(21)} - 2m_{101}^{(21)}m_{021}^{(10)}m_{310}^{(22)} + 4m_{101}^{(21)}m_{021}^{(10)}m_{301}^{(21)}$$
$$-2m_{101}^{(21)}m_{021}^{(10)}m_{211}^{(20)} - 2m_{101}^{(21)}m_{021}^{(20)}m_{310}^{(21)} + 2m_{101}^{(21)}m_{021}^{(20)}m_{211}^{(10)} + 2m_{101}^{(21)}m_{021}^{(21)}m_{310}^{(20)}$$
$$-4m_{101}^{(21)}m_{021}^{(21)}m_{301}^{(10)} + 2m_{101}^{(21)}m_{021}^{(21)}m_{211}^{(00)} + 2m_{101}^{(21)}m_{021}^{(22)}m_{310}^{(10)} - 2m_{101}^{(21)}m_{021}^{(22)}m_{220}^{(00)}$$
$$-2m_{101}^{(21)}m_{012}^{(00)}m_{220}^{(21)} + 2m_{101}^{(21)}m_{012}^{(00)}m_{211}^{(11)} + 2m_{101}^{(21)}m_{012}^{(10)}m_{310}^{(21)} - 4m_{101}^{(21)}m_{012}^{(10)}m_{301}^{(11)}$$
$$+2m_{101}^{(21)}m_{012}^{(10)}m_{220}^{(20)} - 2m_{101}^{(21)}m_{012}^{(11)}m_{310}^{(20)} + 4m_{101}^{(21)}m_{012}^{(11)}m_{301}^{(10)} - 2m_{101}^{(21)}m_{012}^{(11)}m_{211}^{(00)}$$
$$+2m_{101}^{(21)}m_{012}^{(20)}m_{310}^{(11)} - 2m_{101}^{(21)}m_{012}^{(20)}m_{220}^{(10)} - 2m_{101}^{(21)}m_{012}^{(21)}m_{310}^{(10)} + 2m_{101}^{(21)}m_{012}^{(21)}m_{220}^{(00)}$$
$$+m_{101}^{(22)}m_{300}^{(10)}m_{040}^{(22)} - m_{101}^{(22)}m_{300}^{(10)}m_{031}^{(21)} - m_{101}^{(22)}m_{300}^{(11)}m_{130}^{(22)} + 2m_{101}^{(22)}m_{300}^{(11)}m_{121}^{(21)}$$
$$-m_{101}^{(22)}m_{300}^{(11)}m_{031}^{(20)} - m_{101}^{(22)}m_{300}^{(20)}m_{040}^{(21)} + m_{101}^{(22)}m_{300}^{(20)}m_{031}^{(11)} - 2m_{101}^{(22)}m_{300}^{(21)}m_{121}^{(11)}$$
$$+m_{101}^{(22)}m_{300}^{(21)}m_{040}^{(20)} + m_{101}^{(22)}m_{300}^{(21)}m_{031}^{(10)} + m_{101}^{(22)}m_{300}^{(22)}m_{130}^{(11)} - m_{101}^{(22)}m_{300}^{(22)}m_{040}^{(10)}$$
$$-m_{101}^{(22)}m_{210}^{(00)}m_{040}^{(22)} + m_{101}^{(22)}m_{210}^{(00)}m_{031}^{(21)} - m_{101}^{(22)}m_{210}^{(10)}m_{130}^{(22)} + m_{101}^{(22)}m_{210}^{(10)}m_{031}^{(20)}$$
$$+2m_{101}^{(22)}m_{210}^{(11)}m_{220}^{(22)} - 4m_{101}^{(22)}m_{210}^{(11)}m_{211}^{(21)} + 2m_{101}^{(22)}m_{210}^{(11)}m_{121}^{(20)} + 3m_{101}^{(22)}m_{210}^{(20)}m_{130}^{(21)}$$
$$-2m_{101}^{(22)}m_{210}^{(20)}m_{121}^{(11)} - m_{101}^{(22)}m_{210}^{(20)}m_{031}^{(10)} + 4m_{101}^{(22)}m_{210}^{(21)}m_{211}^{(11)} - 3m_{101}^{(22)}m_{210}^{(21)}m_{130}^{(20)}$$
$$-m_{101}^{(22)}m_{210}^{(21)}m_{031}^{(00)} - 2m_{101}^{(22)}m_{210}^{(22)}m_{220}^{(11)} + m_{101}^{(22)}m_{210}^{(22)}m_{130}^{(10)} + m_{101}^{(22)}m_{210}^{(22)}m_{040}^{(00)}$$
$$+m_{101}^{(22)}m_{201}^{(00)}m_{040}^{(21)} - m_{101}^{(22)}m_{201}^{(00)}m_{031}^{(11)} - m_{101}^{(22)}m_{201}^{(10)}m_{130}^{(21)} + 2m_{101}^{(22)}m_{201}^{(10)}m_{121}^{(11)}$$
$$-m_{101}^{(22)}m_{201}^{(10)}m_{040}^{(20)} + m_{101}^{(22)}m_{201}^{(11)}m_{130}^{(20)} - 2m_{101}^{(22)}m_{201}^{(11)}m_{121}^{(10)} + m_{101}^{(22)}m_{201}^{(11)}m_{031}^{(00)}$$
$$-m_{101}^{(22)}m_{201}^{(20)}m_{130}^{(11)} + m_{101}^{(22)}m_{201}^{(20)}m_{040}^{(10)} + m_{101}^{(22)}m_{201}^{(21)}m_{130}^{(10)} - m_{101}^{(22)}m_{201}^{(21)}m_{040}^{(00)}$$
$$+2m_{101}^{(22)}m_{120}^{(00)}m_{130}^{(22)} - 2m_{101}^{(22)}m_{120}^{(00)}m_{121}^{(21)} - m_{101}^{(22)}m_{120}^{(10)}m_{220}^{(22)} + 3m_{101}^{(22)}m_{120}^{(10)}m_{211}^{(21)}$$
$$-2m_{101}^{(22)}m_{120}^{(10)}m_{121}^{(20)} - m_{101}^{(22)}m_{120}^{(11)}m_{310}^{(22)} + 2m_{101}^{(22)}m_{120}^{(11)}m_{301}^{(21)} - m_{101}^{(22)}m_{120}^{(11)}m_{211}^{(20)}$$
$$-3m_{101}^{(22)}m_{120}^{(20)}m_{220}^{(21)} + m_{101}^{(22)}m_{120}^{(20)}m_{211}^{(11)} + 2m_{101}^{(22)}m_{120}^{(20)}m_{121}^{(10)} - 2m_{101}^{(22)}m_{120}^{(21)}m_{301}^{(11)}$$
$$+3m_{101}^{(22)}m_{120}^{(21)}m_{220}^{(20)} - 3m_{101}^{(22)}m_{120}^{(21)}m_{211}^{(10)} + 2m_{101}^{(22)}m_{120}^{(21)}m_{121}^{(00)} + m_{101}^{(22)}m_{120}^{(22)}m_{310}^{(11)}$$
$$+m_{101}^{(22)}m_{120}^{(22)}m_{220}^{(10)} - 2m_{101}^{(22)}m_{120}^{(22)}m_{130}^{(00)} - 2m_{101}^{(22)}m_{111}^{(00)}m_{130}^{(21)} + 2m_{101}^{(22)}m_{111}^{(00)}m_{121}^{(11)}$$
$$+2m_{101}^{(22)}m_{111}^{(10)}m_{220}^{(21)} - 4m_{101}^{(22)}m_{111}^{(10)}m_{211}^{(11)} + 2m_{101}^{(22)}m_{111}^{(10)}m_{130}^{(20)} - 2m_{101}^{(22)}m_{111}^{(11)}m_{220}^{(20)}$$
$$+4m_{101}^{(22)}m_{111}^{(11)}m_{211}^{(10)} - 2m_{101}^{(22)}m_{111}^{(11)}m_{121}^{(00)} + 2m_{101}^{(22)}m_{111}^{(20)}m_{220}^{(11)} - 2m_{101}^{(22)}m_{111}^{(20)}m_{130}^{(10)}$$
$$-2m_{101}^{(22)}m_{111}^{(21)}m_{220}^{(10)} + 2m_{101}^{(22)}m_{111}^{(21)}m_{130}^{(00)} - m_{101}^{(22)}m_{030}^{(00)}m_{220}^{(22)} + m_{101}^{(22)}m_{030}^{(00)}m_{211}^{(21)}$$

$$
\begin{aligned}
&+m_{101}^{(22)}m_{030}^{(10)}m_{310}^{(22)} - 2m_{101}^{(22)}m_{030}^{(10)}m_{301}^{(21)} + m_{101}^{(22)}m_{030}^{(10)}m_{211}^{(20)} + m_{101}^{(22)}m_{030}^{(20)}m_{310}^{(21)}\\
&-m_{101}^{(22)}m_{030}^{(20)}m_{211}^{(10)} - m_{101}^{(22)}m_{030}^{(21)}m_{310}^{(20)} + 2m_{101}^{(22)}m_{030}^{(21)}m_{301}^{(10)} - m_{101}^{(22)}m_{030}^{(21)}m_{211}^{(00)}\\
&-m_{101}^{(22)}m_{030}^{(22)}m_{310}^{(10)} + m_{101}^{(22)}m_{030}^{(22)}m_{220}^{(00)} + m_{101}^{(22)}m_{021}^{(00)}m_{220}^{(21)} - m_{101}^{(22)}m_{021}^{(00)}m_{211}^{(11)}\\
&-m_{101}^{(22)}m_{021}^{(10)}m_{310}^{(21)} + 2m_{101}^{(22)}m_{021}^{(10)}m_{301}^{(11)} - m_{101}^{(22)}m_{021}^{(10)}m_{220}^{(20)} + m_{101}^{(22)}m_{021}^{(11)}m_{310}^{(20)}\\
&-2m_{101}^{(22)}m_{021}^{(11)}m_{301}^{(10)} + m_{101}^{(22)}m_{021}^{(11)}m_{211}^{(00)} - m_{101}^{(22)}m_{021}^{(20)}m_{310}^{(11)} + m_{101}^{(22)}m_{021}^{(20)}m_{220}^{(10)}\\
&+m_{101}^{(22)}m_{021}^{(21)}m_{310}^{(10)} - m_{101}^{(22)}m_{021}^{(21)}m_{220}^{(00)} + m_{020}^{(00)}m_{120}^{(10)}m_{103}^{(22)} - m_{020}^{(00)}m_{120}^{(10)}m_{004}^{(20)}\\
&-m_{020}^{(00)}m_{120}^{(20)}m_{103}^{(21)} + m_{020}^{(00)}m_{120}^{(20)}m_{004}^{(10)} - m_{020}^{(00)}m_{120}^{(21)}m_{202}^{(22)} + m_{020}^{(00)}m_{120}^{(21)}m_{103}^{(20)}\\
&+m_{020}^{(00)}m_{120}^{(22)}m_{202}^{(21)} - m_{020}^{(00)}m_{120}^{(22)}m_{103}^{(10)} - 2m_{020}^{(00)}m_{111}^{(10)}m_{112}^{(22)} + 2m_{020}^{(00)}m_{111}^{(10)}m_{013}^{(20)}\\
&+2m_{020}^{(00)}m_{111}^{(20)}m_{112}^{(21)} - 2m_{020}^{(00)}m_{111}^{(20)}m_{013}^{(10)} + 2m_{020}^{(00)}m_{111}^{(21)}m_{211}^{(22)} - 2m_{020}^{(00)}m_{111}^{(21)}m_{112}^{(20)}\\
&-2m_{020}^{(00)}m_{111}^{(22)}m_{211}^{(21)} + 2m_{020}^{(00)}m_{111}^{(22)}m_{112}^{(10)} + m_{020}^{(00)}m_{102}^{(10)}m_{121}^{(22)} - m_{020}^{(00)}m_{102}^{(10)}m_{022}^{(20)}\\
&-m_{020}^{(00)}m_{102}^{(20)}m_{121}^{(21)} + m_{020}^{(00)}m_{102}^{(20)}m_{022}^{(10)} - m_{020}^{(00)}m_{102}^{(21)}m_{220}^{(22)} + m_{020}^{(00)}m_{102}^{(21)}m_{121}^{(20)}\\
&+m_{020}^{(00)}m_{102}^{(22)}m_{220}^{(21)} - m_{020}^{(00)}m_{102}^{(22)}m_{121}^{(10)} - m_{020}^{(00)}m_{030}^{(00)}m_{103}^{(22)} + m_{020}^{(00)}m_{030}^{(00)}m_{004}^{(20)}\\
&+m_{020}^{(00)}m_{030}^{(20)}m_{202}^{(22)} - m_{020}^{(00)}m_{030}^{(20)}m_{004}^{(00)} - m_{020}^{(00)}m_{030}^{(22)}m_{202}^{(20)} + m_{020}^{(00)}m_{030}^{(22)}m_{103}^{(00)}\\
&+2m_{020}^{(00)}m_{021}^{(00)}m_{112}^{(22)} + m_{020}^{(00)}m_{021}^{(00)}m_{103}^{(21)} - 2m_{020}^{(00)}m_{021}^{(00)}m_{013}^{(20)} - m_{020}^{(00)}m_{021}^{(00)}m_{004}^{(10)}\\
&-m_{020}^{(00)}m_{021}^{(10)}m_{103}^{(20)} + m_{020}^{(00)}m_{021}^{(10)}m_{004}^{(00)} - 2m_{020}^{(00)}m_{021}^{(20)}m_{211}^{(22)} - m_{020}^{(00)}m_{021}^{(20)}m_{202}^{(21)}\\
&+m_{020}^{(00)}m_{021}^{(20)}m_{103}^{(10)} + 2m_{020}^{(00)}m_{021}^{(20)}m_{013}^{(00)} + m_{020}^{(00)}m_{021}^{(21)}m_{202}^{(20)} - m_{020}^{(00)}m_{021}^{(21)}m_{103}^{(00)}\\
&+2m_{020}^{(00)}m_{021}^{(22)}m_{211}^{(20)} - 2m_{020}^{(00)}m_{021}^{(22)}m_{112}^{(00)} - m_{020}^{(00)}m_{012}^{(00)}m_{121}^{(22)} - 2m_{020}^{(00)}m_{012}^{(00)}m_{112}^{(21)}\\
&+m_{020}^{(00)}m_{012}^{(00)}m_{022}^{(20)} + 2m_{020}^{(00)}m_{012}^{(00)}m_{013}^{(10)} + 2m_{020}^{(00)}m_{012}^{(10)}m_{112}^{(20)} - 2m_{020}^{(00)}m_{012}^{(10)}m_{013}^{(00)}\\
&+m_{020}^{(00)}m_{012}^{(20)}m_{220}^{(22)} + 2m_{020}^{(00)}m_{012}^{(20)}m_{211}^{(21)} - 2m_{020}^{(00)}m_{012}^{(20)}m_{112}^{(10)} - m_{020}^{(00)}m_{012}^{(20)}m_{022}^{(00)}\\
&-2m_{020}^{(00)}m_{012}^{(21)}m_{211}^{(20)} + 2m_{020}^{(00)}m_{012}^{(21)}m_{112}^{(00)} - m_{020}^{(00)}m_{012}^{(22)}m_{220}^{(20)} + m_{020}^{(00)}m_{012}^{(22)}m_{121}^{(00)}\\
&+m_{020}^{(00)}m_{003}^{(00)}m_{121}^{(21)} - m_{020}^{(00)}m_{003}^{(00)}m_{022}^{(10)} - m_{020}^{(00)}m_{003}^{(10)}m_{121}^{(20)} + m_{020}^{(00)}m_{003}^{(10)}m_{022}^{(00)}\\
&-m_{020}^{(00)}m_{003}^{(20)}m_{220}^{(21)} + m_{020}^{(00)}m_{003}^{(20)}m_{121}^{(10)} + m_{020}^{(00)}m_{003}^{(21)}m_{220}^{(20)} - m_{020}^{(00)}m_{003}^{(21)}m_{121}^{(00)}\\
&-2m_{020}^{(10)}m_{210}^{(10)}m_{103}^{(22)} + 2m_{020}^{(10)}m_{210}^{(10)}m_{004}^{(20)} + 2m_{020}^{(10)}m_{210}^{(20)}m_{103}^{(21)} - 2m_{020}^{(10)}m_{210}^{(20)}m_{004}^{(10)}\\
&+2m_{020}^{(10)}m_{210}^{(21)}m_{202}^{(22)} - 2m_{020}^{(10)}m_{210}^{(21)}m_{103}^{(20)} - 2m_{020}^{(10)}m_{210}^{(22)}m_{202}^{(21)} + 2m_{020}^{(10)}m_{210}^{(22)}m_{103}^{(10)}\\
&+2m_{020}^{(10)}m_{201}^{(10)}m_{112}^{(22)} - 2m_{020}^{(10)}m_{201}^{(10)}m_{013}^{(20)} - 2m_{020}^{(10)}m_{201}^{(20)}m_{112}^{(21)} + 2m_{020}^{(10)}m_{201}^{(20)}m_{013}^{(10)}\\
&-2m_{020}^{(10)}m_{201}^{(21)}m_{211}^{(22)} + 2m_{020}^{(10)}m_{201}^{(21)}m_{112}^{(20)} + 2m_{020}^{(10)}m_{201}^{(22)}m_{211}^{(21)} - 2m_{020}^{(10)}m_{201}^{(22)}m_{112}^{(10)}\\
&+2m_{020}^{(10)}m_{120}^{(00)}m_{103}^{(22)} - 2m_{020}^{(10)}m_{120}^{(00)}m_{004}^{(20)} - 2m_{020}^{(10)}m_{120}^{(20)}m_{202}^{(22)} + 2m_{020}^{(10)}m_{120}^{(20)}m_{004}^{(00)}\\
&+2m_{020}^{(10)}m_{120}^{(22)}m_{202}^{(20)} - 2m_{020}^{(10)}m_{120}^{(22)}m_{103}^{(00)} - 2m_{020}^{(10)}m_{111}^{(00)}m_{112}^{(22)} - 2m_{020}^{(10)}m_{111}^{(00)}m_{103}^{(21)}\\
&+2m_{020}^{(10)}m_{111}^{(00)}m_{013}^{(20)} + 2m_{020}^{(10)}m_{111}^{(00)}m_{004}^{(10)} + 2m_{020}^{(10)}m_{111}^{(10)}m_{202}^{(22)} - 2m_{020}^{(10)}m_{111}^{(10)}m_{004}^{(00)}\\
&+2m_{020}^{(10)}m_{111}^{(20)}m_{211}^{(22)} - 2m_{020}^{(10)}m_{111}^{(20)}m_{013}^{(00)} - 2m_{020}^{(10)}m_{111}^{(21)}m_{301}^{(22)} + 2m_{020}^{(10)}m_{111}^{(21)}m_{103}^{(00)}\\
&+2m_{020}^{(10)}m_{111}^{(22)}m_{301}^{(21)} - 2m_{020}^{(10)}m_{111}^{(22)}m_{211}^{(20)} - 2m_{020}^{(10)}m_{111}^{(22)}m_{202}^{(10)} + 2m_{020}^{(10)}m_{111}^{(22)}m_{112}^{(00)}\\
&+2m_{020}^{(10)}m_{102}^{(00)}m_{112}^{(21)} - 2m_{020}^{(10)}m_{102}^{(00)}m_{013}^{(10)} - 2m_{020}^{(10)}m_{102}^{(10)}m_{211}^{(22)} + 2m_{020}^{(10)}m_{102}^{(10)}m_{013}^{(00)}\\
&+2m_{020}^{(10)}m_{102}^{(21)}m_{310}^{(22)} - 2m_{020}^{(10)}m_{102}^{(21)}m_{112}^{(00)} - 2m_{020}^{(10)}m_{102}^{(22)}m_{310}^{(21)} + 2m_{020}^{(10)}m_{102}^{(22)}m_{211}^{(10)}\\
&-2m_{020}^{(10)}m_{021}^{(00)}m_{202}^{(22)} + 2m_{020}^{(10)}m_{021}^{(00)}m_{103}^{(20)} + 2m_{020}^{(10)}m_{021}^{(20)}m_{301}^{(22)} - 2m_{020}^{(10)}m_{021}^{(20)}m_{103}^{(00)}\\
&-2m_{020}^{(10)}m_{021}^{(22)}m_{301}^{(20)} + 2m_{020}^{(10)}m_{021}^{(22)}m_{202}^{(00)} + 2m_{020}^{(10)}m_{012}^{(00)}m_{211}^{(22)} + 2m_{020}^{(10)}m_{012}^{(00)}m_{202}^{(21)}\\
&-2m_{020}^{(10)}m_{012}^{(00)}m_{112}^{(20)} - 2m_{020}^{(10)}m_{012}^{(00)}m_{103}^{(10)} - 2m_{020}^{(10)}m_{012}^{(10)}m_{202}^{(20)} + 2m_{020}^{(10)}m_{012}^{(10)}m_{103}^{(00)}\\
&-2m_{020}^{(10)}m_{012}^{(20)}m_{310}^{(22)} - 2m_{020}^{(10)}m_{012}^{(20)}m_{301}^{(21)} + 2m_{020}^{(10)}m_{012}^{(20)}m_{202}^{(10)} + 2m_{020}^{(10)}m_{012}^{(20)}m_{112}^{(00)}\\
&+2m_{020}^{(10)}m_{012}^{(21)}m_{301}^{(20)} - 2m_{020}^{(10)}m_{012}^{(21)}m_{202}^{(00)} + 2m_{020}^{(10)}m_{012}^{(22)}m_{310}^{(20)} - 2m_{020}^{(10)}m_{012}^{(22)}m_{211}^{(00)}
\end{aligned}
$$

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\begin{aligned}
&-2m_{020}^{(10)}m_{003}^{(00)}m_{211}^{(21)}+2m_{020}^{(10)}m_{003}^{(00)}m_{112}^{(10)}+2m_{020}^{(10)}m_{003}^{(10)}m_{211}^{(20)}-2m_{020}^{(10)}m_{003}^{(10)}m_{112}^{(00)}\\
&+2m_{020}^{(10)}m_{003}^{(20)}m_{310}^{(21)}-2m_{020}^{(10)}m_{003}^{(20)}m_{211}^{(10)}-2m_{020}^{(10)}m_{003}^{(21)}m_{310}^{(20)}+2m_{020}^{(10)}m_{003}^{(21)}m_{211}^{(00)}\\
&+m_{020}^{(11)}m_{300}^{(10)}m_{103}^{(22)}-m_{020}^{(11)}m_{300}^{(10)}m_{004}^{(20)}-m_{020}^{(11)}m_{300}^{(20)}m_{103}^{(21)}+m_{020}^{(11)}m_{300}^{(20)}m_{004}^{(10)}\\
&-m_{020}^{(11)}m_{300}^{(21)}m_{202}^{(22)}+m_{020}^{(11)}m_{300}^{(21)}m_{103}^{(20)}+m_{020}^{(11)}m_{300}^{(22)}m_{202}^{(21)}-m_{020}^{(11)}m_{300}^{(22)}m_{103}^{(10)}\\
&-m_{020}^{(11)}m_{210}^{(00)}m_{103}^{(22)}+m_{020}^{(11)}m_{210}^{(00)}m_{004}^{(20)}+m_{020}^{(11)}m_{210}^{(20)}m_{202}^{(22)}-m_{020}^{(11)}m_{210}^{(20)}m_{004}^{(00)}\\
&-m_{020}^{(11)}m_{210}^{(22)}m_{202}^{(20)}+m_{020}^{(11)}m_{210}^{(22)}m_{103}^{(00)}+m_{020}^{(11)}m_{201}^{(00)}m_{103}^{(21)}-m_{020}^{(11)}m_{201}^{(00)}m_{004}^{(10)}\\
&-2m_{020}^{(11)}m_{201}^{(10)}m_{202}^{(22)}+m_{020}^{(11)}m_{201}^{(10)}m_{103}^{(20)}+m_{020}^{(11)}m_{201}^{(10)}m_{004}^{(00)}+m_{020}^{(11)}m_{201}^{(20)}m_{202}^{(21)}\\
&-m_{020}^{(11)}m_{201}^{(20)}m_{103}^{(10)}+2m_{020}^{(11)}m_{201}^{(21)}m_{301}^{(22)}-m_{020}^{(11)}m_{201}^{(21)}m_{202}^{(20)}-m_{020}^{(11)}m_{201}^{(21)}m_{103}^{(00)}\\
&-2m_{020}^{(11)}m_{201}^{(22)}m_{301}^{(21)}+2m_{020}^{(11)}m_{201}^{(22)}m_{202}^{(10)}+2m_{020}^{(11)}m_{111}^{(00)}m_{202}^{(22)}-2m_{020}^{(11)}m_{111}^{(00)}m_{103}^{(20)}\\
&-2m_{020}^{(11)}m_{111}^{(20)}m_{301}^{(22)}+2m_{020}^{(11)}m_{111}^{(20)}m_{103}^{(00)}+2m_{020}^{(11)}m_{111}^{(22)}m_{301}^{(20)}-2m_{020}^{(11)}m_{111}^{(22)}m_{202}^{(00)}\\
&-2m_{020}^{(11)}m_{102}^{(00)}m_{202}^{(21)}+2m_{020}^{(11)}m_{102}^{(00)}m_{103}^{(10)}+m_{020}^{(11)}m_{102}^{(10)}m_{301}^{(22)}+m_{020}^{(11)}m_{102}^{(10)}m_{202}^{(20)}\\
&-2m_{020}^{(11)}m_{102}^{(10)}m_{103}^{(00)}+m_{020}^{(11)}m_{102}^{(20)}m_{301}^{(21)}-m_{020}^{(11)}m_{102}^{(20)}m_{202}^{(10)}-m_{020}^{(11)}m_{102}^{(21)}m_{400}^{(22)}\\
&-m_{020}^{(11)}m_{102}^{(21)}m_{301}^{(20)}+2m_{020}^{(11)}m_{102}^{(21)}m_{202}^{(00)}+m_{020}^{(11)}m_{102}^{(22)}m_{400}^{(21)}-m_{020}^{(11)}m_{102}^{(22)}m_{301}^{(10)}\\
&-m_{020}^{(11)}m_{012}^{(00)}m_{301}^{(22)}+m_{020}^{(11)}m_{012}^{(00)}m_{202}^{(20)}+m_{020}^{(11)}m_{012}^{(20)}m_{400}^{(22)}-m_{020}^{(11)}m_{012}^{(20)}m_{202}^{(00)}\\
&-m_{020}^{(11)}m_{012}^{(22)}m_{400}^{(20)}+m_{020}^{(11)}m_{012}^{(22)}m_{301}^{(00)}+m_{020}^{(11)}m_{003}^{(00)}m_{301}^{(21)}-m_{020}^{(11)}m_{003}^{(00)}m_{202}^{(10)}\\
&-m_{020}^{(11)}m_{003}^{(10)}m_{301}^{(20)}+m_{020}^{(11)}m_{003}^{(10)}m_{202}^{(00)}-m_{020}^{(11)}m_{003}^{(20)}m_{400}^{(21)}+m_{020}^{(11)}m_{003}^{(20)}m_{301}^{(10)}\\
&+m_{020}^{(11)}m_{003}^{(21)}m_{400}^{(20)}-m_{020}^{(11)}m_{003}^{(21)}m_{301}^{(00)}+2m_{020}^{(20)}m_{210}^{(10)}m_{112}^{(22)}-2m_{020}^{(20)}m_{210}^{(10)}m_{013}^{(20)}\\
&-2m_{020}^{(20)}m_{210}^{(20)}m_{112}^{(21)}+2m_{020}^{(20)}m_{210}^{(20)}m_{013}^{(10)}-2m_{020}^{(20)}m_{210}^{(21)}m_{211}^{(22)}+2m_{020}^{(20)}m_{210}^{(21)}m_{112}^{(20)}\\
&+2m_{020}^{(20)}m_{210}^{(22)}m_{211}^{(21)}-2m_{020}^{(20)}m_{210}^{(22)}m_{112}^{(10)}-2m_{020}^{(20)}m_{201}^{(10)}m_{121}^{(22)}+2m_{020}^{(20)}m_{201}^{(10)}m_{022}^{(20)}\\
&+2m_{020}^{(20)}m_{201}^{(20)}m_{121}^{(21)}-2m_{020}^{(20)}m_{201}^{(20)}m_{022}^{(10)}+2m_{020}^{(20)}m_{201}^{(21)}m_{220}^{(22)}-2m_{020}^{(20)}m_{201}^{(21)}m_{121}^{(20)}\\
&-2m_{020}^{(20)}m_{201}^{(22)}m_{220}^{(21)}+2m_{020}^{(20)}m_{201}^{(22)}m_{121}^{(10)}-2m_{020}^{(20)}m_{120}^{(00)}m_{112}^{(22)}+2m_{020}^{(20)}m_{120}^{(00)}m_{013}^{(20)}\\
&-2m_{020}^{(20)}m_{120}^{(10)}m_{202}^{(22)}+2m_{020}^{(20)}m_{120}^{(10)}m_{103}^{(20)}+2m_{020}^{(20)}m_{120}^{(20)}m_{211}^{(22)}+2m_{020}^{(20)}m_{120}^{(20)}m_{202}^{(21)}\\
&-2m_{020}^{(20)}m_{120}^{(20)}m_{103}^{(10)}-2m_{020}^{(20)}m_{120}^{(20)}m_{013}^{(00)}+2m_{020}^{(20)}m_{120}^{(21)}m_{301}^{(22)}-2m_{020}^{(20)}m_{120}^{(21)}m_{202}^{(20)}\\
&-2m_{020}^{(20)}m_{120}^{(22)}m_{301}^{(21)}-2m_{020}^{(20)}m_{120}^{(22)}m_{211}^{(20)}+2m_{020}^{(20)}m_{120}^{(22)}m_{202}^{(10)}+2m_{020}^{(20)}m_{120}^{(22)}m_{112}^{(00)}\\
&+2m_{020}^{(20)}m_{111}^{(00)}m_{121}^{(22)}+2m_{020}^{(20)}m_{111}^{(00)}m_{112}^{(21)}-2m_{020}^{(20)}m_{111}^{(00)}m_{022}^{(20)}-2m_{020}^{(20)}m_{111}^{(00)}m_{013}^{(10)}\\
&+2m_{020}^{(20)}m_{111}^{(10)}m_{211}^{(22)}-4m_{020}^{(20)}m_{111}^{(10)}m_{112}^{(20)}+2m_{020}^{(20)}m_{111}^{(10)}m_{013}^{(00)}-2m_{020}^{(20)}m_{111}^{(20)}m_{220}^{(22)}\\
&-4m_{020}^{(20)}m_{111}^{(20)}m_{211}^{(21)}+4m_{020}^{(20)}m_{111}^{(20)}m_{112}^{(10)}+2m_{020}^{(20)}m_{111}^{(20)}m_{022}^{(00)}-2m_{020}^{(20)}m_{111}^{(21)}m_{310}^{(22)}\\
&+4m_{020}^{(20)}m_{111}^{(21)}m_{211}^{(20)}-2m_{020}^{(20)}m_{111}^{(21)}m_{112}^{(00)}+2m_{020}^{(20)}m_{111}^{(22)}m_{310}^{(21)}+2m_{020}^{(20)}m_{111}^{(22)}m_{220}^{(20)}\\
&-2m_{020}^{(20)}m_{111}^{(22)}m_{211}^{(10)}-2m_{020}^{(20)}m_{111}^{(22)}m_{121}^{(00)}-2m_{020}^{(20)}m_{102}^{(00)}m_{121}^{(21)}+2m_{020}^{(20)}m_{102}^{(00)}m_{022}^{(10)}\\
&+2m_{020}^{(20)}m_{102}^{(10)}m_{121}^{(20)}-2m_{020}^{(20)}m_{102}^{(10)}m_{022}^{(00)}+2m_{020}^{(20)}m_{102}^{(20)}m_{220}^{(21)}-2m_{020}^{(20)}m_{102}^{(20)}m_{121}^{(10)}\\
&-2m_{020}^{(20)}m_{102}^{(21)}m_{220}^{(20)}+2m_{020}^{(20)}m_{102}^{(21)}m_{121}^{(00)}+2m_{020}^{(20)}m_{030}^{(00)}m_{202}^{(22)}-2m_{020}^{(20)}m_{030}^{(00)}m_{103}^{(20)}\\
&-2m_{020}^{(20)}m_{030}^{(20)}m_{301}^{(22)}+2m_{020}^{(20)}m_{030}^{(20)}m_{103}^{(00)}+2m_{020}^{(20)}m_{030}^{(22)}m_{301}^{(20)}-2m_{020}^{(20)}m_{030}^{(22)}m_{202}^{(00)}\\
&-2m_{020}^{(20)}m_{021}^{(00)}m_{211}^{(22)}-2m_{020}^{(20)}m_{021}^{(00)}m_{202}^{(21)}+2m_{020}^{(20)}m_{021}^{(00)}m_{112}^{(20)}+2m_{020}^{(20)}m_{021}^{(00)}m_{103}^{(10)}\\
&+2m_{020}^{(20)}m_{021}^{(10)}m_{202}^{(20)}-2m_{020}^{(20)}m_{021}^{(10)}m_{103}^{(00)}+2m_{020}^{(20)}m_{021}^{(20)}m_{310}^{(22)}+2m_{020}^{(20)}m_{021}^{(20)}m_{301}^{(21)}\\
&-2m_{020}^{(20)}m_{021}^{(20)}m_{202}^{(10)}-2m_{020}^{(20)}m_{021}^{(20)}m_{112}^{(00)}-2m_{020}^{(20)}m_{021}^{(21)}m_{301}^{(20)}+2m_{020}^{(20)}m_{021}^{(21)}m_{202}^{(00)}\\
&-2m_{020}^{(20)}m_{021}^{(22)}m_{310}^{(20)}+2m_{020}^{(20)}m_{021}^{(22)}m_{211}^{(00)}+2m_{020}^{(20)}m_{012}^{(00)}m_{211}^{(21)}-2m_{020}^{(20)}m_{012}^{(00)}m_{112}^{(10)}\\
&-2m_{020}^{(20)}m_{012}^{(10)}m_{211}^{(20)}+2m_{020}^{(20)}m_{012}^{(10)}m_{112}^{(00)}-2m_{020}^{(20)}m_{012}^{(20)}m_{310}^{(21)}+2m_{020}^{(20)}m_{012}^{(20)}m_{211}^{(10)}\\
&+2m_{020}^{(20)}m_{012}^{(21)}m_{310}^{(20)}-2m_{020}^{(20)}m_{012}^{(21)}m_{211}^{(00)}-2m_{020}^{(21)}m_{300}^{(10)}m_{112}^{(22)}+2m_{020}^{(21)}m_{300}^{(10)}m_{013}^{(20)}
\end{aligned}
$$

$$+2m_{020}^{(21)}m_{300}^{(20)}m_{112}^{(21)} - 2m_{020}^{(21)}m_{300}^{(20)}m_{013}^{(10)} + 2m_{020}^{(21)}m_{300}^{(21)}m_{211}^{(22)} - 2m_{020}^{(21)}m_{300}^{(21)}m_{112}^{(20)}$$
$$-2m_{020}^{(21)}m_{300}^{(22)}m_{211}^{(21)} + 2m_{020}^{(21)}m_{300}^{(22)}m_{112}^{(10)} + 2m_{020}^{(21)}m_{210}^{(00)}m_{112}^{(22)} - 2m_{020}^{(21)}m_{210}^{(00)}m_{013}^{(20)}$$
$$+2m_{020}^{(21)}m_{210}^{(10)}m_{202}^{(22)} - 2m_{020}^{(21)}m_{210}^{(10)}m_{103}^{(20)} - 2m_{020}^{(21)}m_{210}^{(20)}m_{211}^{(22)} - 2m_{020}^{(21)}m_{210}^{(20)}m_{202}^{(21)}$$
$$+2m_{020}^{(21)}m_{210}^{(20)}m_{103}^{(10)} + 2m_{020}^{(21)}m_{210}^{(20)}m_{013}^{(00)} - 2m_{020}^{(21)}m_{210}^{(21)}m_{301}^{(22)} + 2m_{020}^{(21)}m_{210}^{(21)}m_{202}^{(20)}$$
$$+2m_{020}^{(21)}m_{210}^{(22)}m_{301}^{(21)} + 2m_{020}^{(21)}m_{210}^{(22)}m_{211}^{(20)} - 2m_{020}^{(21)}m_{210}^{(22)}m_{202}^{(10)} - 2m_{020}^{(21)}m_{210}^{(22)}m_{112}^{(00)}$$
$$-2m_{020}^{(21)}m_{201}^{(00)}m_{112}^{(21)} + 2m_{020}^{(21)}m_{201}^{(00)}m_{013}^{(10)} + 2m_{020}^{(21)}m_{201}^{(10)}m_{211}^{(22)} - 2m_{020}^{(21)}m_{201}^{(10)}m_{013}^{(00)}$$
$$-2m_{020}^{(21)}m_{201}^{(21)}m_{310}^{(22)} + 2m_{020}^{(21)}m_{201}^{(21)}m_{112}^{(00)} + 2m_{020}^{(21)}m_{201}^{(22)}m_{310}^{(21)} - 2m_{020}^{(21)}m_{201}^{(22)}m_{211}^{(10)}$$
$$-2m_{020}^{(21)}m_{120}^{(00)}m_{202}^{(22)} + 2m_{020}^{(21)}m_{120}^{(00)}m_{103}^{(20)} + 2m_{020}^{(21)}m_{120}^{(20)}m_{301}^{(22)} - 2m_{020}^{(21)}m_{120}^{(20)}m_{103}^{(00)}$$
$$-2m_{020}^{(21)}m_{120}^{(22)}m_{301}^{(20)} + 2m_{020}^{(21)}m_{120}^{(22)}m_{202}^{(00)} - 2m_{020}^{(21)}m_{111}^{(00)}m_{211}^{(22)} + 2m_{020}^{(21)}m_{111}^{(00)}m_{202}^{(21)}$$
$$+2m_{020}^{(21)}m_{111}^{(00)}m_{112}^{(20)} - 2m_{020}^{(21)}m_{111}^{(00)}m_{103}^{(10)} - 2m_{020}^{(21)}m_{111}^{(10)}m_{301}^{(22)} + 2m_{020}^{(21)}m_{111}^{(10)}m_{103}^{(00)}$$
$$+2m_{020}^{(21)}m_{111}^{(20)}m_{310}^{(22)} - 2m_{020}^{(21)}m_{111}^{(20)}m_{112}^{(00)} + 2m_{020}^{(21)}m_{111}^{(21)}m_{400}^{(22)} - 2m_{020}^{(21)}m_{111}^{(21)}m_{202}^{(00)}$$
$$-2m_{020}^{(21)}m_{111}^{(22)}m_{400}^{(21)} - 2m_{020}^{(21)}m_{111}^{(22)}m_{310}^{(20)} + 2m_{020}^{(21)}m_{111}^{(22)}m_{301}^{(10)} + 2m_{020}^{(21)}m_{111}^{(22)}m_{211}^{(00)}$$
$$+2m_{020}^{(21)}m_{102}^{(00)}m_{211}^{(21)} - 2m_{020}^{(21)}m_{102}^{(00)}m_{112}^{(10)} - 2m_{020}^{(21)}m_{102}^{(10)}m_{211}^{(20)} + 2m_{020}^{(21)}m_{102}^{(10)}m_{112}^{(00)}$$
$$-2m_{020}^{(21)}m_{102}^{(20)}m_{310}^{(21)} + 2m_{020}^{(21)}m_{102}^{(20)}m_{211}^{(10)} + 2m_{020}^{(21)}m_{102}^{(21)}m_{310}^{(20)} - 2m_{020}^{(21)}m_{102}^{(21)}m_{211}^{(00)}$$
$$+2m_{020}^{(21)}m_{021}^{(00)}m_{301}^{(22)} - 2m_{020}^{(21)}m_{021}^{(00)}m_{202}^{(20)} - 2m_{020}^{(21)}m_{021}^{(20)}m_{400}^{(22)} + 2m_{020}^{(21)}m_{021}^{(20)}m_{202}^{(00)}$$
$$+2m_{020}^{(21)}m_{021}^{(22)}m_{400}^{(20)} - 2m_{020}^{(21)}m_{021}^{(22)}m_{301}^{(00)} - 2m_{020}^{(21)}m_{012}^{(00)}m_{301}^{(21)} + 2m_{020}^{(21)}m_{012}^{(00)}m_{202}^{(10)}$$
$$+2m_{020}^{(21)}m_{012}^{(10)}m_{301}^{(20)} - 2m_{020}^{(21)}m_{012}^{(10)}m_{202}^{(00)} + 2m_{020}^{(21)}m_{012}^{(20)}m_{400}^{(21)} - 2m_{020}^{(21)}m_{012}^{(20)}m_{301}^{(10)}$$
$$-2m_{020}^{(21)}m_{012}^{(21)}m_{400}^{(20)} + 2m_{020}^{(21)}m_{012}^{(21)}m_{301}^{(00)} + m_{020}^{(22)}m_{300}^{(10)}m_{121}^{(22)} - m_{020}^{(22)}m_{300}^{(10)}m_{022}^{(20)}$$
$$-m_{020}^{(22)}m_{300}^{(20)}m_{121}^{(21)} + m_{020}^{(22)}m_{300}^{(20)}m_{022}^{(10)} - m_{020}^{(22)}m_{300}^{(21)}m_{220}^{(22)} + m_{020}^{(22)}m_{300}^{(21)}m_{121}^{(20)}$$
$$+m_{020}^{(22)}m_{300}^{(22)}m_{220}^{(21)} - m_{020}^{(22)}m_{300}^{(22)}m_{121}^{(10)} - m_{020}^{(22)}m_{210}^{(00)}m_{121}^{(22)} + m_{020}^{(22)}m_{210}^{(00)}m_{022}^{(20)}$$
$$-2m_{020}^{(22)}m_{210}^{(10)}m_{211}^{(22)} + 2m_{020}^{(22)}m_{210}^{(10)}m_{112}^{(20)} + m_{020}^{(22)}m_{210}^{(20)}m_{220}^{(22)} + 2m_{020}^{(22)}m_{210}^{(20)}m_{211}^{(21)}$$
$$-2m_{020}^{(22)}m_{210}^{(20)}m_{112}^{(10)} - m_{020}^{(22)}m_{210}^{(20)}m_{022}^{(00)} + 2m_{020}^{(22)}m_{210}^{(21)}m_{310}^{(22)} - 2m_{020}^{(22)}m_{210}^{(21)}m_{211}^{(20)}$$
$$-2m_{020}^{(22)}m_{210}^{(22)}m_{310}^{(21)} - m_{020}^{(22)}m_{210}^{(22)}m_{220}^{(20)} + 2m_{020}^{(22)}m_{210}^{(22)}m_{211}^{(10)} + m_{020}^{(22)}m_{210}^{(22)}m_{121}^{(00)}$$
$$+m_{020}^{(22)}m_{201}^{(00)}m_{121}^{(21)} - m_{020}^{(22)}m_{201}^{(00)}m_{022}^{(10)} - m_{020}^{(22)}m_{201}^{(10)}m_{121}^{(20)} + m_{020}^{(22)}m_{201}^{(10)}m_{022}^{(00)}$$
$$-m_{020}^{(22)}m_{201}^{(20)}m_{220}^{(21)} + m_{020}^{(22)}m_{201}^{(20)}m_{121}^{(10)} + m_{020}^{(22)}m_{201}^{(21)}m_{220}^{(20)} - m_{020}^{(22)}m_{201}^{(21)}m_{121}^{(00)}$$
$$+2m_{020}^{(22)}m_{120}^{(00)}m_{211}^{(22)} - 2m_{020}^{(22)}m_{120}^{(00)}m_{112}^{(20)} + m_{020}^{(22)}m_{120}^{(10)}m_{301}^{(22)} - m_{020}^{(22)}m_{120}^{(10)}m_{202}^{(20)}$$
$$-2m_{020}^{(22)}m_{120}^{(20)}m_{310}^{(22)} - m_{020}^{(22)}m_{120}^{(20)}m_{301}^{(21)} + m_{020}^{(22)}m_{120}^{(20)}m_{202}^{(10)} + 2m_{020}^{(22)}m_{120}^{(20)}m_{112}^{(00)}$$
$$-m_{020}^{(22)}m_{120}^{(21)}m_{400}^{(22)} + m_{020}^{(22)}m_{120}^{(21)}m_{301}^{(20)} + m_{020}^{(22)}m_{120}^{(22)}m_{400}^{(21)} + 2m_{020}^{(22)}m_{120}^{(22)}m_{310}^{(20)}$$
$$-m_{020}^{(22)}m_{120}^{(22)}m_{301}^{(10)} - 2m_{020}^{(22)}m_{120}^{(22)}m_{211}^{(00)} - 2m_{020}^{(22)}m_{111}^{(00)}m_{211}^{(21)} + 2m_{020}^{(22)}m_{111}^{(00)}m_{112}^{(10)}$$
$$+2m_{020}^{(22)}m_{111}^{(10)}m_{211}^{(20)} - 2m_{020}^{(22)}m_{111}^{(10)}m_{112}^{(00)} + 2m_{020}^{(22)}m_{111}^{(20)}m_{310}^{(21)} - 2m_{020}^{(22)}m_{111}^{(20)}m_{211}^{(10)}$$
$$-2m_{020}^{(22)}m_{111}^{(21)}m_{310}^{(20)} + 2m_{020}^{(22)}m_{111}^{(21)}m_{211}^{(00)} - m_{020}^{(22)}m_{030}^{(00)}m_{301}^{(22)} + m_{020}^{(22)}m_{030}^{(00)}m_{202}^{(20)}$$
$$+m_{020}^{(22)}m_{030}^{(20)}m_{400}^{(22)} - m_{020}^{(22)}m_{030}^{(20)}m_{202}^{(00)} - m_{020}^{(22)}m_{030}^{(22)}m_{400}^{(20)} + m_{020}^{(22)}m_{030}^{(22)}m_{301}^{(00)}$$
$$+m_{020}^{(22)}m_{021}^{(00)}m_{301}^{(21)} - m_{020}^{(22)}m_{021}^{(00)}m_{202}^{(10)} - m_{020}^{(22)}m_{021}^{(10)}m_{301}^{(20)} + m_{020}^{(22)}m_{021}^{(10)}m_{202}^{(00)}$$
$$-m_{020}^{(22)}m_{021}^{(20)}m_{400}^{(21)} + m_{020}^{(22)}m_{021}^{(20)}m_{301}^{(10)} + m_{020}^{(22)}m_{021}^{(21)}m_{400}^{(20)} - m_{020}^{(22)}m_{021}^{(21)}m_{301}^{(00)}$$
$$-m_{011}^{(00)}m_{120}^{(10)}m_{112}^{(22)} - m_{011}^{(00)}m_{120}^{(10)}m_{103}^{(21)} + 2m_{011}^{(00)}m_{120}^{(10)}m_{013}^{(20)} + m_{011}^{(00)}m_{120}^{(11)}m_{202}^{(22)}$$
$$-m_{011}^{(00)}m_{120}^{(11)}m_{103}^{(20)} + m_{011}^{(00)}m_{120}^{(20)}m_{112}^{(21)} + m_{011}^{(00)}m_{120}^{(20)}m_{103}^{(11)} - 2m_{011}^{(00)}m_{120}^{(20)}m_{013}^{(10)}$$
$$-m_{011}^{(00)}m_{120}^{(21)}m_{112}^{(20)} + m_{011}^{(00)}m_{120}^{(21)}m_{103}^{(10)} - m_{011}^{(00)}m_{120}^{(22)}m_{202}^{(11)} + m_{011}^{(00)}m_{120}^{(22)}m_{112}^{(10)}$$
$$+2m_{011}^{(00)}m_{111}^{(10)}m_{121}^{(22)} + 2m_{011}^{(00)}m_{111}^{(10)}m_{112}^{(21)} - 4m_{011}^{(00)}m_{111}^{(10)}m_{022}^{(20)} - 2m_{011}^{(00)}m_{111}^{(11)}m_{211}^{(22)}$$

$$+2m_{011}^{(00)}m_{111}^{(11)}m_{112}^{(20)} - 2m_{011}^{(00)}m_{111}^{(20)}m_{121}^{(21)} - 2m_{011}^{(00)}m_{111}^{(20)}m_{112}^{(11)} + 4m_{011}^{(00)}m_{111}^{(20)}m_{022}^{(10)}$$
$$+2m_{011}^{(00)}m_{111}^{(21)}m_{121}^{(20)} - 2m_{011}^{(00)}m_{111}^{(21)}m_{112}^{(10)} + 2m_{011}^{(00)}m_{111}^{(22)}m_{211}^{(11)} - 2m_{011}^{(00)}m_{111}^{(22)}m_{121}^{(10)}$$
$$-m_{011}^{(00)}m_{102}^{(10)}m_{130}^{(22)} - m_{011}^{(00)}m_{102}^{(10)}m_{121}^{(21)} + 2m_{011}^{(00)}m_{102}^{(10)}m_{031}^{(20)} + m_{011}^{(00)}m_{102}^{(11)}m_{220}^{(22)}$$
$$-m_{011}^{(00)}m_{102}^{(11)}m_{121}^{(20)} + m_{011}^{(00)}m_{102}^{(20)}m_{130}^{(21)} + m_{011}^{(00)}m_{102}^{(20)}m_{121}^{(11)} - 2m_{011}^{(00)}m_{102}^{(20)}m_{031}^{(10)}$$
$$-m_{011}^{(00)}m_{102}^{(21)}m_{130}^{(20)} + m_{011}^{(00)}m_{102}^{(21)}m_{121}^{(10)} - m_{011}^{(00)}m_{102}^{(22)}m_{220}^{(11)} + m_{011}^{(00)}m_{102}^{(22)}m_{130}^{(10)}$$
$$+m_{011}^{(00)}m_{030}^{(00)}m_{112}^{(22)} + m_{011}^{(00)}m_{030}^{(00)}m_{103}^{(21)} - 2m_{011}^{(00)}m_{030}^{(00)}m_{013}^{(20)} - m_{011}^{(00)}m_{030}^{(10)}m_{202}^{(22)}$$
$$+m_{011}^{(00)}m_{030}^{(10)}m_{103}^{(20)} - m_{011}^{(00)}m_{030}^{(20)}m_{202}^{(21)} - m_{011}^{(00)}m_{030}^{(20)}m_{103}^{(10)} + 2m_{011}^{(00)}m_{030}^{(20)}m_{013}^{(00)}$$
$$+m_{011}^{(00)}m_{030}^{(21)}m_{202}^{(20)} - m_{011}^{(00)}m_{030}^{(21)}m_{103}^{(00)} + m_{011}^{(00)}m_{030}^{(22)}m_{202}^{(10)} - m_{011}^{(00)}m_{030}^{(22)}m_{112}^{(00)}$$
$$-2m_{011}^{(00)}m_{021}^{(00)}m_{121}^{(22)} - 3m_{011}^{(00)}m_{021}^{(00)}m_{112}^{(21)} - m_{011}^{(00)}m_{021}^{(00)}m_{103}^{(11)} + 4m_{011}^{(00)}m_{021}^{(00)}m_{022}^{(20)}$$
$$+2m_{011}^{(00)}m_{021}^{(00)}m_{013}^{(10)} + 2m_{011}^{(00)}m_{021}^{(10)}m_{211}^{(22)} + m_{011}^{(00)}m_{021}^{(10)}m_{202}^{(21)} - m_{011}^{(00)}m_{021}^{(10)}m_{112}^{(20)}$$
$$-2m_{011}^{(00)}m_{021}^{(10)}m_{013}^{(00)} - m_{011}^{(00)}m_{021}^{(11)}m_{202}^{(20)} + m_{011}^{(00)}m_{021}^{(11)}m_{103}^{(00)} + 2m_{011}^{(00)}m_{021}^{(20)}m_{211}^{(21)}$$
$$+m_{011}^{(00)}m_{021}^{(20)}m_{202}^{(11)} + m_{011}^{(00)}m_{021}^{(20)}m_{112}^{(10)} - 4m_{011}^{(00)}m_{021}^{(20)}m_{022}^{(00)} - 2m_{011}^{(00)}m_{021}^{(21)}m_{211}^{(20)}$$
$$-m_{011}^{(00)}m_{021}^{(21)}m_{202}^{(10)} + 3m_{011}^{(00)}m_{021}^{(21)}m_{112}^{(00)} - 2m_{011}^{(00)}m_{021}^{(22)}m_{211}^{(10)} + 2m_{011}^{(00)}m_{021}^{(22)}m_{121}^{(00)}$$
$$+m_{011}^{(00)}m_{012}^{(00)}m_{130}^{(22)} + 3m_{011}^{(00)}m_{012}^{(00)}m_{121}^{(21)} + 2m_{011}^{(00)}m_{012}^{(00)}m_{112}^{(11)} - 2m_{011}^{(00)}m_{012}^{(00)}m_{031}^{(20)}$$
$$-4m_{011}^{(00)}m_{012}^{(00)}m_{022}^{(10)} - m_{011}^{(00)}m_{012}^{(10)}m_{220}^{(22)} - 2m_{011}^{(00)}m_{012}^{(10)}m_{211}^{(21)} - m_{011}^{(00)}m_{012}^{(10)}m_{121}^{(20)}$$
$$+4m_{011}^{(00)}m_{012}^{(10)}m_{022}^{(00)} + 2m_{011}^{(00)}m_{012}^{(11)}m_{211}^{(20)} - 2m_{011}^{(00)}m_{012}^{(11)}m_{112}^{(00)} - m_{011}^{(00)}m_{012}^{(20)}m_{220}^{(21)}$$
$$-2m_{011}^{(00)}m_{012}^{(20)}m_{211}^{(11)} + m_{011}^{(00)}m_{012}^{(20)}m_{121}^{(10)} + 2m_{011}^{(00)}m_{012}^{(20)}m_{031}^{(00)} + m_{011}^{(00)}m_{012}^{(21)}m_{220}^{(20)}$$
$$+2m_{011}^{(00)}m_{012}^{(21)}m_{211}^{(10)} - 3m_{011}^{(00)}m_{012}^{(21)}m_{121}^{(00)} + m_{011}^{(00)}m_{012}^{(22)}m_{220}^{(10)} - m_{011}^{(00)}m_{012}^{(22)}m_{130}^{(00)}$$
$$-m_{011}^{(00)}m_{003}^{(00)}m_{130}^{(21)} - m_{011}^{(00)}m_{003}^{(00)}m_{121}^{(11)} + 2m_{011}^{(00)}m_{003}^{(00)}m_{031}^{(10)} + m_{011}^{(00)}m_{003}^{(10)}m_{220}^{(21)}$$
$$+m_{011}^{(00)}m_{003}^{(10)}m_{130}^{(20)} - 2m_{011}^{(00)}m_{003}^{(10)}m_{031}^{(00)} - m_{011}^{(00)}m_{003}^{(11)}m_{220}^{(20)} + m_{011}^{(00)}m_{003}^{(11)}m_{121}^{(00)}$$
$$+m_{011}^{(00)}m_{003}^{(20)}m_{220}^{(11)} - m_{011}^{(00)}m_{003}^{(20)}m_{130}^{(10)} - m_{011}^{(00)}m_{003}^{(21)}m_{220}^{(10)} + m_{011}^{(00)}m_{003}^{(21)}m_{130}^{(00)}$$
$$+2m_{011}^{(10)}m_{210}^{(10)}m_{112}^{(22)} + 2m_{011}^{(10)}m_{210}^{(10)}m_{103}^{(21)} - 4m_{011}^{(10)}m_{210}^{(10)}m_{013}^{(20)} - 2m_{011}^{(10)}m_{210}^{(11)}m_{202}^{(22)}$$
$$+2m_{011}^{(10)}m_{210}^{(11)}m_{103}^{(20)} - 2m_{011}^{(10)}m_{210}^{(20)}m_{112}^{(21)} - 2m_{011}^{(10)}m_{210}^{(20)}m_{103}^{(11)} + 4m_{011}^{(10)}m_{210}^{(20)}m_{013}^{(10)}$$
$$+2m_{011}^{(10)}m_{210}^{(21)}m_{112}^{(20)} - 2m_{011}^{(10)}m_{210}^{(21)}m_{103}^{(10)} + 2m_{011}^{(10)}m_{210}^{(22)}m_{202}^{(11)} - 2m_{011}^{(10)}m_{210}^{(22)}m_{112}^{(10)}$$
$$-2m_{011}^{(10)}m_{201}^{(10)}m_{121}^{(22)} - 2m_{011}^{(10)}m_{201}^{(10)}m_{112}^{(21)} + 4m_{011}^{(10)}m_{201}^{(10)}m_{022}^{(20)} + 2m_{011}^{(10)}m_{201}^{(11)}m_{211}^{(22)}$$
$$-2m_{011}^{(10)}m_{201}^{(11)}m_{112}^{(20)} + 2m_{011}^{(10)}m_{201}^{(20)}m_{121}^{(21)} + 2m_{011}^{(10)}m_{201}^{(20)}m_{112}^{(11)} - 4m_{011}^{(10)}m_{201}^{(20)}m_{022}^{(10)}$$
$$-2m_{011}^{(10)}m_{201}^{(21)}m_{121}^{(20)} + 2m_{011}^{(10)}m_{201}^{(21)}m_{112}^{(10)} - 2m_{011}^{(10)}m_{201}^{(22)}m_{211}^{(11)} + 2m_{011}^{(10)}m_{201}^{(22)}m_{121}^{(10)}$$
$$-2m_{011}^{(10)}m_{120}^{(00)}m_{112}^{(22)} - 2m_{011}^{(10)}m_{120}^{(00)}m_{103}^{(21)} + 4m_{011}^{(10)}m_{120}^{(00)}m_{013}^{(20)} + 2m_{011}^{(10)}m_{120}^{(10)}m_{202}^{(22)}$$
$$-2m_{011}^{(10)}m_{120}^{(10)}m_{103}^{(20)} + 2m_{011}^{(10)}m_{120}^{(20)}m_{202}^{(21)} + 2m_{011}^{(10)}m_{120}^{(20)}m_{103}^{(10)} - 4m_{011}^{(10)}m_{120}^{(20)}m_{013}^{(00)}$$
$$-2m_{011}^{(10)}m_{120}^{(21)}m_{202}^{(20)} + 2m_{011}^{(10)}m_{120}^{(21)}m_{103}^{(00)} - 2m_{011}^{(10)}m_{120}^{(22)}m_{202}^{(10)} + 2m_{011}^{(10)}m_{120}^{(22)}m_{112}^{(00)}$$
$$+2m_{011}^{(10)}m_{111}^{(00)}m_{121}^{(22)} + 4m_{011}^{(10)}m_{111}^{(00)}m_{112}^{(21)} + 2m_{011}^{(10)}m_{111}^{(00)}m_{103}^{(11)} - 4m_{011}^{(10)}m_{111}^{(00)}m_{022}^{(20)}$$
$$-4m_{011}^{(10)}m_{111}^{(00)}m_{013}^{(10)} - 4m_{011}^{(10)}m_{111}^{(10)}m_{211}^{(22)} - 4m_{011}^{(10)}m_{111}^{(10)}m_{202}^{(21)} + 4m_{011}^{(10)}m_{111}^{(10)}m_{112}^{(20)}$$
$$+4m_{011}^{(10)}m_{111}^{(10)}m_{013}^{(00)} + 2m_{011}^{(10)}m_{111}^{(11)}m_{301}^{(22)} - 2m_{011}^{(10)}m_{111}^{(11)}m_{103}^{(00)} - 4m_{011}^{(10)}m_{111}^{(20)}m_{112}^{(10)}$$
$$+4m_{011}^{(10)}m_{111}^{(20)}m_{022}^{(00)} + 4m_{011}^{(10)}m_{111}^{(21)}m_{202}^{(10)} - 4m_{011}^{(10)}m_{111}^{(21)}m_{112}^{(00)} - 2m_{011}^{(10)}m_{111}^{(22)}m_{301}^{(11)}$$
$$+4m_{011}^{(10)}m_{111}^{(22)}m_{211}^{(10)} - 2m_{011}^{(10)}m_{111}^{(22)}m_{121}^{(00)} - 2m_{011}^{(10)}m_{102}^{(00)}m_{121}^{(21)} - 2m_{011}^{(10)}m_{102}^{(00)}m_{112}^{(11)}$$
$$+4m_{011}^{(10)}m_{102}^{(00)}m_{022}^{(10)} + 2m_{011}^{(10)}m_{102}^{(10)}m_{220}^{(22)} + 4m_{011}^{(10)}m_{102}^{(10)}m_{211}^{(21)} - 2m_{011}^{(10)}m_{102}^{(10)}m_{121}^{(20)}$$
$$-4m_{011}^{(10)}m_{102}^{(10)}m_{022}^{(00)} - 2m_{011}^{(10)}m_{102}^{(11)}m_{310}^{(22)} + 2m_{011}^{(10)}m_{102}^{(11)}m_{112}^{(00)} - 2m_{011}^{(10)}m_{102}^{(20)}m_{220}^{(21)}$$
$$+2m_{011}^{(10)}m_{102}^{(20)}m_{121}^{(10)} + 2m_{011}^{(10)}m_{102}^{(21)}m_{220}^{(20)} - 4m_{011}^{(10)}m_{102}^{(21)}m_{211}^{(10)} + 2m_{011}^{(10)}m_{102}^{(21)}m_{121}^{(00)}$$

$$
\begin{aligned}
&+2m_{011}^{(10)}m_{102}^{(22)}m_{310}^{(11)} - 2m_{011}^{(10)}m_{102}^{(22)}m_{220}^{(10)} + 2m_{011}^{(10)}m_{021}^{(00)}m_{211}^{(22)} + 2m_{011}^{(10)}m_{021}^{(00)}m_{202}^{(21)}\\
&-4m_{011}^{(10)}m_{021}^{(00)}m_{112}^{(20)} - 2m_{011}^{(10)}m_{021}^{(10)}m_{301}^{(22)} + 2m_{011}^{(10)}m_{021}^{(10)}m_{202}^{(20)} - 2m_{011}^{(10)}m_{021}^{(20)}m_{301}^{(21)}\\
&-2m_{011}^{(10)}m_{021}^{(20)}m_{202}^{(10)} + 4m_{011}^{(10)}m_{021}^{(20)}m_{112}^{(00)} + 2m_{011}^{(10)}m_{021}^{(21)}m_{301}^{(20)} - 2m_{011}^{(10)}m_{021}^{(21)}m_{202}^{(00)}\\
&+2m_{011}^{(10)}m_{021}^{(22)}m_{301}^{(10)} - 2m_{011}^{(10)}m_{021}^{(22)}m_{211}^{(00)} - 2m_{011}^{(10)}m_{012}^{(00)}m_{220}^{(22)} - 4m_{011}^{(10)}m_{012}^{(00)}m_{211}^{(21)}\\
&-2m_{011}^{(10)}m_{012}^{(00)}m_{202}^{(11)} + 4m_{011}^{(10)}m_{012}^{(00)}m_{121}^{(20)} + 4m_{011}^{(10)}m_{012}^{(00)}m_{112}^{(10)} + 2m_{011}^{(10)}m_{012}^{(10)}m_{310}^{(22)}\\
&+2m_{011}^{(10)}m_{012}^{(10)}m_{301}^{(21)} - 4m_{011}^{(10)}m_{012}^{(10)}m_{112}^{(00)} - 2m_{011}^{(10)}m_{012}^{(11)}m_{301}^{(20)} + 2m_{011}^{(10)}m_{012}^{(11)}m_{202}^{(00)}\\
&+2m_{011}^{(10)}m_{012}^{(20)}m_{310}^{(21)} + 2m_{011}^{(10)}m_{012}^{(20)}m_{301}^{(11)} - 4m_{011}^{(10)}m_{012}^{(20)}m_{121}^{(00)} - 2m_{011}^{(10)}m_{012}^{(21)}m_{310}^{(20)}\\
&-2m_{011}^{(10)}m_{012}^{(21)}m_{301}^{(10)} + 4m_{011}^{(10)}m_{012}^{(21)}m_{211}^{(00)} - 2m_{011}^{(10)}m_{012}^{(22)}m_{310}^{(10)} + 2m_{011}^{(10)}m_{012}^{(22)}m_{220}^{(00)}\\
&+2m_{011}^{(10)}m_{003}^{(00)}m_{220}^{(21)} + 2m_{011}^{(10)}m_{003}^{(00)}m_{211}^{(11)} - 4m_{011}^{(10)}m_{003}^{(00)}m_{121}^{(10)} - 2m_{011}^{(10)}m_{003}^{(10)}m_{310}^{(21)}\\
&-2m_{011}^{(10)}m_{003}^{(10)}m_{220}^{(20)} + 4m_{011}^{(10)}m_{003}^{(10)}m_{121}^{(00)} + 2m_{011}^{(10)}m_{003}^{(11)}m_{310}^{(20)} - 2m_{011}^{(10)}m_{003}^{(11)}m_{211}^{(00)}\\
&-2m_{011}^{(10)}m_{003}^{(20)}m_{310}^{(11)} + 2m_{011}^{(10)}m_{003}^{(20)}m_{220}^{(10)} + 2m_{011}^{(10)}m_{003}^{(21)}m_{310}^{(10)} - 2m_{011}^{(10)}m_{003}^{(21)}m_{220}^{(00)}\\
&-m_{011}^{(11)}m_{300}^{(10)}m_{112}^{(22)} - m_{011}^{(11)}m_{300}^{(10)}m_{103}^{(21)} + 2m_{011}^{(11)}m_{300}^{(10)}m_{013}^{(20)} + m_{011}^{(11)}m_{300}^{(11)}m_{202}^{(22)}\\
&-m_{011}^{(11)}m_{300}^{(11)}m_{103}^{(20)} + m_{011}^{(11)}m_{300}^{(20)}m_{112}^{(21)} + m_{011}^{(11)}m_{300}^{(20)}m_{103}^{(11)} - 2m_{011}^{(11)}m_{300}^{(20)}m_{013}^{(10)}\\
&-m_{011}^{(11)}m_{300}^{(21)}m_{112}^{(20)} + m_{011}^{(11)}m_{300}^{(21)}m_{103}^{(10)} - m_{011}^{(11)}m_{300}^{(22)}m_{202}^{(11)} + m_{011}^{(11)}m_{300}^{(22)}m_{112}^{(10)}\\
&+m_{011}^{(11)}m_{210}^{(00)}m_{112}^{(22)} + m_{011}^{(11)}m_{210}^{(00)}m_{103}^{(21)} - 2m_{011}^{(11)}m_{210}^{(00)}m_{013}^{(20)} - m_{011}^{(11)}m_{210}^{(10)}m_{202}^{(22)}\\
&+m_{011}^{(11)}m_{210}^{(10)}m_{103}^{(20)} - m_{011}^{(11)}m_{210}^{(20)}m_{202}^{(21)} - m_{011}^{(11)}m_{210}^{(20)}m_{103}^{(10)} + 2m_{011}^{(11)}m_{210}^{(20)}m_{013}^{(00)}\\
&+m_{011}^{(11)}m_{210}^{(21)}m_{202}^{(20)} - m_{011}^{(11)}m_{210}^{(21)}m_{103}^{(00)} + m_{011}^{(11)}m_{210}^{(22)}m_{202}^{(10)} - m_{011}^{(11)}m_{210}^{(22)}m_{112}^{(00)}\\
&-m_{011}^{(11)}m_{201}^{(00)}m_{112}^{(21)} - m_{011}^{(11)}m_{201}^{(00)}m_{103}^{(11)} + 2m_{011}^{(11)}m_{201}^{(00)}m_{013}^{(10)} + 2m_{011}^{(11)}m_{201}^{(10)}m_{211}^{(22)}\\
&+3m_{011}^{(11)}m_{201}^{(10)}m_{202}^{(21)} - 3m_{011}^{(11)}m_{201}^{(10)}m_{112}^{(20)} - 2m_{011}^{(11)}m_{201}^{(10)}m_{013}^{(00)} - 2m_{011}^{(11)}m_{201}^{(11)}m_{301}^{(22)}\\
&+m_{011}^{(11)}m_{201}^{(11)}m_{202}^{(20)} + m_{011}^{(11)}m_{201}^{(11)}m_{103}^{(00)} - 2m_{011}^{(11)}m_{201}^{(20)}m_{211}^{(21)} - m_{011}^{(11)}m_{201}^{(20)}m_{202}^{(11)}\\
&+3m_{011}^{(11)}m_{201}^{(20)}m_{112}^{(10)} + 2m_{011}^{(11)}m_{201}^{(21)}m_{211}^{(20)} - 3m_{011}^{(11)}m_{201}^{(21)}m_{202}^{(10)} + m_{011}^{(11)}m_{201}^{(21)}m_{112}^{(00)}\\
&+2m_{011}^{(11)}m_{201}^{(22)}m_{301}^{(11)} - 2m_{011}^{(11)}m_{201}^{(22)}m_{211}^{(10)} - 2m_{011}^{(11)}m_{111}^{(00)}m_{211}^{(22)} - 2m_{011}^{(11)}m_{111}^{(00)}m_{202}^{(21)}\\
&+4m_{011}^{(11)}m_{111}^{(00)}m_{112}^{(20)} + 2m_{011}^{(11)}m_{111}^{(10)}m_{301}^{(22)} - 2m_{011}^{(11)}m_{111}^{(10)}m_{202}^{(20)} + 2m_{011}^{(11)}m_{111}^{(20)}m_{301}^{(21)}\\
&+2m_{011}^{(11)}m_{111}^{(20)}m_{202}^{(10)} - 4m_{011}^{(11)}m_{111}^{(20)}m_{112}^{(00)} - 2m_{011}^{(11)}m_{111}^{(21)}m_{301}^{(20)} + 2m_{011}^{(11)}m_{111}^{(21)}m_{202}^{(00)}\\
&-2m_{011}^{(11)}m_{111}^{(22)}m_{301}^{(10)} + 2m_{011}^{(11)}m_{111}^{(22)}m_{211}^{(00)} + 2m_{011}^{(11)}m_{102}^{(00)}m_{211}^{(21)} + 2m_{011}^{(11)}m_{102}^{(00)}m_{202}^{(11)}\\
&-4m_{011}^{(11)}m_{102}^{(00)}m_{112}^{(10)} - m_{011}^{(11)}m_{102}^{(10)}m_{310}^{(22)} - 3m_{011}^{(11)}m_{102}^{(10)}m_{301}^{(21)} + 4m_{011}^{(11)}m_{102}^{(10)}m_{112}^{(00)}\\
&+m_{011}^{(11)}m_{102}^{(11)}m_{400}^{(22)} + m_{011}^{(11)}m_{102}^{(11)}m_{301}^{(20)} - 2m_{011}^{(11)}m_{102}^{(11)}m_{202}^{(00)} + m_{011}^{(11)}m_{102}^{(20)}m_{310}^{(21)}\\
&-m_{011}^{(11)}m_{102}^{(20)}m_{301}^{(11)} - m_{011}^{(11)}m_{102}^{(21)}m_{310}^{(20)} + 3m_{011}^{(11)}m_{102}^{(21)}m_{301}^{(10)} - 2m_{011}^{(11)}m_{102}^{(21)}m_{211}^{(00)}\\
&-m_{011}^{(11)}m_{102}^{(22)}m_{400}^{(11)} + m_{011}^{(11)}m_{102}^{(22)}m_{310}^{(10)} + m_{011}^{(11)}m_{012}^{(00)}m_{310}^{(22)} + m_{011}^{(11)}m_{012}^{(00)}m_{301}^{(21)}\\
&-2m_{011}^{(11)}m_{012}^{(00)}m_{211}^{(20)} - m_{011}^{(11)}m_{012}^{(10)}m_{400}^{(22)} + m_{011}^{(11)}m_{012}^{(10)}m_{301}^{(20)} - m_{011}^{(11)}m_{012}^{(20)}m_{400}^{(21)}\\
&-m_{011}^{(11)}m_{012}^{(20)}m_{301}^{(10)} + 2m_{011}^{(11)}m_{012}^{(20)}m_{211}^{(00)} + m_{011}^{(11)}m_{012}^{(21)}m_{400}^{(20)} - m_{011}^{(11)}m_{012}^{(21)}m_{301}^{(00)}\\
&+m_{011}^{(11)}m_{012}^{(22)}m_{400}^{(10)} - m_{011}^{(11)}m_{012}^{(22)}m_{310}^{(00)} - m_{011}^{(11)}m_{003}^{(00)}m_{310}^{(21)} - m_{011}^{(11)}m_{003}^{(00)}m_{301}^{(11)}\\
&+2m_{011}^{(11)}m_{003}^{(00)}m_{211}^{(10)} + m_{011}^{(11)}m_{003}^{(10)}m_{400}^{(21)} + m_{011}^{(11)}m_{003}^{(10)}m_{310}^{(20)} - 2m_{011}^{(11)}m_{003}^{(10)}m_{211}^{(00)}\\
&-m_{011}^{(11)}m_{003}^{(11)}m_{400}^{(20)} + m_{011}^{(11)}m_{003}^{(11)}m_{301}^{(00)} + m_{011}^{(11)}m_{003}^{(20)}m_{400}^{(11)} - m_{011}^{(11)}m_{003}^{(20)}m_{310}^{(10)}\\
&-m_{011}^{(11)}m_{003}^{(21)}m_{400}^{(10)} + m_{011}^{(11)}m_{003}^{(21)}m_{310}^{(00)} - 2m_{011}^{(20)}m_{210}^{(10)}m_{121}^{(22)} - 2m_{011}^{(20)}m_{210}^{(10)}m_{112}^{(21)}\\
&+4m_{011}^{(20)}m_{210}^{(10)}m_{022}^{(20)} + 2m_{011}^{(20)}m_{210}^{(11)}m_{211}^{(22)} - 2m_{011}^{(20)}m_{210}^{(11)}m_{112}^{(20)} + 2m_{011}^{(20)}m_{210}^{(20)}m_{121}^{(21)}\\
&+2m_{011}^{(20)}m_{210}^{(20)}m_{112}^{(11)} - 4m_{011}^{(20)}m_{210}^{(20)}m_{022}^{(10)} - 2m_{011}^{(20)}m_{210}^{(21)}m_{121}^{(20)} + 2m_{011}^{(20)}m_{210}^{(21)}m_{112}^{(10)}\\
&-2m_{011}^{(20)}m_{210}^{(22)}m_{211}^{(11)} + 2m_{011}^{(20)}m_{210}^{(22)}m_{121}^{(10)} + 2m_{011}^{(20)}m_{201}^{(10)}m_{130}^{(22)} + 2m_{011}^{(20)}m_{201}^{(10)}m_{121}^{(21)}
\end{aligned}
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\begin{aligned}
&-4m_{011}^{(20)}m_{201}^{(10)}m_{031}^{(20)} - 2m_{011}^{(20)}m_{201}^{(11)}m_{220}^{(22)} + 2m_{011}^{(20)}m_{201}^{(11)}m_{121}^{(20)} - 2m_{011}^{(20)}m_{201}^{(20)}m_{130}^{(21)}\\
&-2m_{011}^{(20)}m_{201}^{(20)}m_{121}^{(11)} + 4m_{011}^{(20)}m_{201}^{(20)}m_{031}^{(10)} + 2m_{011}^{(20)}m_{201}^{(21)}m_{130}^{(20)} - 2m_{011}^{(20)}m_{201}^{(21)}m_{121}^{(10)}\\
&+2m_{011}^{(20)}m_{201}^{(22)}m_{220}^{(11)} - 2m_{011}^{(20)}m_{201}^{(22)}m_{130}^{(10)} + 2m_{011}^{(20)}m_{120}^{(00)}m_{121}^{(22)} + 2m_{011}^{(20)}m_{120}^{(00)}m_{112}^{(21)}\\
&-4m_{011}^{(20)}m_{120}^{(00)}m_{022}^{(20)} + 2m_{011}^{(20)}m_{120}^{(10)}m_{202}^{(21)} - 2m_{011}^{(20)}m_{120}^{(10)}m_{112}^{(20)} - 2m_{011}^{(20)}m_{120}^{(11)}m_{301}^{(22)}\\
&+2m_{011}^{(20)}m_{120}^{(11)}m_{202}^{(20)} - 4m_{011}^{(20)}m_{120}^{(20)}m_{211}^{(21)} - 2m_{011}^{(20)}m_{120}^{(20)}m_{202}^{(11)} + 2m_{011}^{(20)}m_{120}^{(20)}m_{112}^{(10)}\\
&+4m_{011}^{(20)}m_{120}^{(20)}m_{022}^{(00)} + 4m_{011}^{(20)}m_{120}^{(21)}m_{211}^{(20)} - 2m_{011}^{(20)}m_{120}^{(21)}m_{202}^{(10)} - 2m_{011}^{(20)}m_{120}^{(21)}m_{112}^{(00)}\\
&+2m_{011}^{(20)}m_{120}^{(22)}m_{301}^{(11)} - 2m_{011}^{(20)}m_{120}^{(22)}m_{121}^{(00)} - 2m_{011}^{(20)}m_{111}^{(00)}m_{130}^{(22)} - 4m_{011}^{(20)}m_{111}^{(00)}m_{121}^{(21)}\\
&-2m_{011}^{(20)}m_{111}^{(00)}m_{112}^{(11)} + 4m_{011}^{(20)}m_{111}^{(00)}m_{031}^{(20)} + 4m_{011}^{(20)}m_{111}^{(00)}m_{022}^{(10)} + 4m_{011}^{(20)}m_{111}^{(10)}m_{121}^{(20)}\\
&-4m_{011}^{(20)}m_{111}^{(10)}m_{022}^{(00)} + 2m_{011}^{(20)}m_{111}^{(11)}m_{310}^{(22)} - 4m_{011}^{(20)}m_{111}^{(11)}m_{211}^{(20)} + 2m_{011}^{(20)}m_{111}^{(11)}m_{112}^{(00)}\\
&+4m_{011}^{(20)}m_{111}^{(20)}m_{220}^{(21)} + 4m_{011}^{(20)}m_{111}^{(20)}m_{211}^{(11)} - 4m_{011}^{(20)}m_{111}^{(20)}m_{121}^{(10)} - 4m_{011}^{(20)}m_{111}^{(20)}m_{031}^{(00)}\\
&-4m_{011}^{(20)}m_{111}^{(21)}m_{220}^{(20)} + 4m_{011}^{(20)}m_{111}^{(21)}m_{121}^{(00)} - 2m_{011}^{(20)}m_{111}^{(22)}m_{310}^{(11)} + 2m_{011}^{(20)}m_{111}^{(22)}m_{130}^{(00)}\\
&+2m_{011}^{(20)}m_{102}^{(00)}m_{130}^{(21)} + 2m_{011}^{(20)}m_{102}^{(00)}m_{121}^{(11)} - 4m_{011}^{(20)}m_{102}^{(00)}m_{031}^{(10)} - 2m_{011}^{(20)}m_{102}^{(10)}m_{220}^{(21)}\\
&-2m_{011}^{(20)}m_{102}^{(10)}m_{130}^{(20)} + 4m_{011}^{(20)}m_{102}^{(10)}m_{031}^{(00)} + 2m_{011}^{(20)}m_{102}^{(11)}m_{220}^{(20)} - 2m_{011}^{(20)}m_{102}^{(11)}m_{121}^{(00)}\\
&-2m_{011}^{(20)}m_{102}^{(20)}m_{220}^{(11)} + 2m_{011}^{(20)}m_{102}^{(20)}m_{130}^{(10)} + 2m_{011}^{(20)}m_{102}^{(21)}m_{220}^{(10)} - 2m_{011}^{(20)}m_{102}^{(21)}m_{130}^{(00)}\\
&-2m_{011}^{(20)}m_{030}^{(00)}m_{211}^{(22)} - 2m_{011}^{(20)}m_{030}^{(00)}m_{202}^{(21)} + 4m_{011}^{(20)}m_{030}^{(00)}m_{112}^{(20)} + 2m_{011}^{(20)}m_{030}^{(10)}m_{301}^{(22)}\\
&-2m_{011}^{(20)}m_{030}^{(10)}m_{202}^{(20)} + 2m_{011}^{(20)}m_{030}^{(20)}m_{301}^{(21)} + 2m_{011}^{(20)}m_{030}^{(20)}m_{202}^{(10)} - 4m_{011}^{(20)}m_{030}^{(20)}m_{112}^{(00)}\\
&-2m_{011}^{(20)}m_{030}^{(21)}m_{301}^{(20)} + 2m_{011}^{(20)}m_{030}^{(21)}m_{202}^{(00)} - 2m_{011}^{(20)}m_{030}^{(22)}m_{301}^{(10)} + 2m_{011}^{(20)}m_{030}^{(22)}m_{211}^{(00)}\\
&+2m_{011}^{(20)}m_{021}^{(00)}m_{220}^{(22)} + 4m_{011}^{(20)}m_{021}^{(00)}m_{211}^{(21)} + 2m_{011}^{(20)}m_{021}^{(00)}m_{202}^{(11)} - 4m_{011}^{(20)}m_{021}^{(00)}m_{121}^{(20)}\\
&-4m_{011}^{(20)}m_{021}^{(00)}m_{112}^{(10)} - 2m_{011}^{(20)}m_{021}^{(10)}m_{310}^{(22)} - 2m_{011}^{(20)}m_{021}^{(10)}m_{301}^{(21)} + 4m_{011}^{(20)}m_{021}^{(10)}m_{112}^{(00)}\\
&+2m_{011}^{(20)}m_{021}^{(11)}m_{301}^{(20)} - 2m_{011}^{(20)}m_{021}^{(11)}m_{202}^{(00)} - 2m_{011}^{(20)}m_{021}^{(20)}m_{310}^{(21)} - 2m_{011}^{(20)}m_{021}^{(20)}m_{301}^{(11)}\\
&+4m_{011}^{(20)}m_{021}^{(20)}m_{121}^{(00)} + 2m_{011}^{(20)}m_{021}^{(21)}m_{310}^{(20)} + 2m_{011}^{(20)}m_{021}^{(21)}m_{301}^{(10)} - 4m_{011}^{(20)}m_{021}^{(21)}m_{211}^{(00)}\\
&+2m_{011}^{(20)}m_{021}^{(22)}m_{310}^{(10)} - 2m_{011}^{(20)}m_{021}^{(22)}m_{220}^{(00)} - 2m_{011}^{(20)}m_{012}^{(00)}m_{220}^{(21)} - 2m_{011}^{(20)}m_{012}^{(00)}m_{211}^{(11)}\\
&+4m_{011}^{(20)}m_{012}^{(00)}m_{121}^{(10)} + 2m_{011}^{(20)}m_{012}^{(10)}m_{310}^{(21)} + 2m_{011}^{(20)}m_{012}^{(10)}m_{220}^{(20)} - 4m_{011}^{(20)}m_{012}^{(10)}m_{121}^{(00)}\\
&-2m_{011}^{(20)}m_{012}^{(11)}m_{310}^{(20)} + 2m_{011}^{(20)}m_{012}^{(11)}m_{211}^{(00)} + 2m_{011}^{(20)}m_{012}^{(20)}m_{310}^{(11)} - 2m_{011}^{(20)}m_{012}^{(20)}m_{220}^{(10)}\\
&-2m_{011}^{(20)}m_{012}^{(21)}m_{310}^{(10)} + 2m_{011}^{(20)}m_{012}^{(21)}m_{220}^{(00)} + 2m_{011}^{(21)}m_{300}^{(10)}m_{121}^{(22)} + 2m_{011}^{(21)}m_{300}^{(10)}m_{112}^{(21)}\\
&-4m_{011}^{(21)}m_{300}^{(10)}m_{022}^{(20)} - 2m_{011}^{(21)}m_{300}^{(11)}m_{211}^{(22)} + 2m_{011}^{(21)}m_{300}^{(11)}m_{112}^{(20)} - 2m_{011}^{(21)}m_{300}^{(20)}m_{121}^{(21)}\\
&-2m_{011}^{(21)}m_{300}^{(20)}m_{112}^{(11)} + 4m_{011}^{(21)}m_{300}^{(20)}m_{022}^{(10)} + 2m_{011}^{(21)}m_{300}^{(21)}m_{121}^{(20)} - 2m_{011}^{(21)}m_{300}^{(21)}m_{112}^{(10)}\\
&+2m_{011}^{(21)}m_{300}^{(22)}m_{211}^{(11)} - 2m_{011}^{(21)}m_{300}^{(22)}m_{121}^{(10)} - 2m_{011}^{(21)}m_{210}^{(00)}m_{121}^{(22)} - 2m_{011}^{(21)}m_{210}^{(00)}m_{112}^{(21)}\\
&+4m_{011}^{(21)}m_{210}^{(00)}m_{022}^{(20)} - 2m_{011}^{(21)}m_{210}^{(10)}m_{202}^{(21)} + 2m_{011}^{(21)}m_{210}^{(10)}m_{112}^{(20)} + 2m_{011}^{(21)}m_{210}^{(11)}m_{301}^{(22)}\\
&-2m_{011}^{(21)}m_{210}^{(11)}m_{202}^{(20)} + 4m_{011}^{(21)}m_{210}^{(20)}m_{211}^{(21)} + 2m_{011}^{(21)}m_{210}^{(20)}m_{202}^{(11)} - 2m_{011}^{(21)}m_{210}^{(20)}m_{112}^{(10)}\\
&-4m_{011}^{(21)}m_{210}^{(20)}m_{022}^{(00)} - 4m_{011}^{(21)}m_{210}^{(21)}m_{211}^{(20)} + 2m_{011}^{(21)}m_{210}^{(21)}m_{202}^{(10)} + 2m_{011}^{(21)}m_{210}^{(21)}m_{112}^{(00)}\\
&-2m_{011}^{(21)}m_{210}^{(22)}m_{301}^{(11)} + 2m_{011}^{(21)}m_{210}^{(22)}m_{121}^{(00)} + 2m_{011}^{(21)}m_{201}^{(00)}m_{121}^{(21)} + 2m_{011}^{(21)}m_{201}^{(00)}m_{112}^{(11)}\\
&-4m_{011}^{(21)}m_{201}^{(00)}m_{022}^{(10)} - 2m_{011}^{(21)}m_{201}^{(10)}m_{220}^{(22)} - 4m_{011}^{(21)}m_{201}^{(10)}m_{211}^{(21)} + 2m_{011}^{(21)}m_{201}^{(10)}m_{121}^{(20)}\\
&+4m_{011}^{(21)}m_{201}^{(10)}m_{022}^{(00)} + 2m_{011}^{(21)}m_{201}^{(11)}m_{310}^{(22)} - 2m_{011}^{(21)}m_{201}^{(11)}m_{112}^{(00)} + 2m_{011}^{(21)}m_{201}^{(20)}m_{220}^{(21)}\\
&-2m_{011}^{(21)}m_{201}^{(20)}m_{121}^{(10)} - 2m_{011}^{(21)}m_{201}^{(21)}m_{220}^{(20)} + 4m_{011}^{(21)}m_{201}^{(21)}m_{211}^{(10)} - 2m_{011}^{(21)}m_{201}^{(21)}m_{121}^{(00)}\\
&-2m_{011}^{(21)}m_{201}^{(22)}m_{310}^{(11)} + 2m_{011}^{(21)}m_{201}^{(22)}m_{220}^{(10)} + 2m_{011}^{(21)}m_{120}^{(00)}m_{211}^{(22)} + 2m_{011}^{(21)}m_{120}^{(00)}m_{202}^{(21)}\\
&-4m_{011}^{(21)}m_{120}^{(00)}m_{112}^{(20)} - 2m_{011}^{(21)}m_{120}^{(10)}m_{301}^{(22)} + 2m_{011}^{(21)}m_{120}^{(10)}m_{202}^{(20)} - 2m_{011}^{(21)}m_{120}^{(20)}m_{301}^{(21)}\\
&-2m_{011}^{(21)}m_{120}^{(20)}m_{202}^{(10)} + 4m_{011}^{(21)}m_{120}^{(20)}m_{112}^{(00)} + 2m_{011}^{(21)}m_{120}^{(21)}m_{301}^{(20)} - 2m_{011}^{(21)}m_{120}^{(21)}m_{202}^{(00)}
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\begin{aligned}
&+2m_{011}^{(21)}m_{120}^{(22)}m_{301}^{(10)} - 2m_{011}^{(21)}m_{120}^{(22)}m_{211}^{(00)} + 2m_{011}^{(21)}m_{111}^{(00)}m_{220}^{(22)} - 2m_{011}^{(21)}m_{111}^{(00)}m_{202}^{(11)}\\
&-4m_{011}^{(21)}m_{111}^{(00)}m_{121}^{(20)} + 4m_{011}^{(21)}m_{111}^{(00)}m_{112}^{(10)} + 4m_{011}^{(21)}m_{111}^{(10)}m_{301}^{(21)} - 4m_{011}^{(21)}m_{111}^{(10)}m_{112}^{(00)}\\
&-2m_{011}^{(21)}m_{111}^{(11)}m_{400}^{(22)} + 2m_{011}^{(21)}m_{111}^{(11)}m_{202}^{(00)} - 4m_{011}^{(21)}m_{111}^{(20)}m_{310}^{(21)} + 4m_{011}^{(21)}m_{111}^{(20)}m_{121}^{(00)}\\
&+4m_{011}^{(21)}m_{111}^{(21)}m_{310}^{(20)} - 4m_{011}^{(21)}m_{111}^{(21)}m_{301}^{(10)} + 2m_{011}^{(21)}m_{111}^{(22)}m_{400}^{(11)} - 2m_{011}^{(21)}m_{111}^{(22)}m_{220}^{(00)}\\
&-2m_{011}^{(21)}m_{102}^{(00)}m_{220}^{(21)} - 2m_{011}^{(21)}m_{102}^{(00)}m_{211}^{(11)} + 4m_{011}^{(21)}m_{102}^{(00)}m_{121}^{(10)} + 2m_{011}^{(21)}m_{102}^{(10)}m_{310}^{(21)}\\
&+2m_{011}^{(21)}m_{102}^{(10)}m_{220}^{(20)} - 4m_{011}^{(21)}m_{102}^{(10)}m_{121}^{(00)} - 2m_{011}^{(21)}m_{102}^{(11)}m_{310}^{(20)} + 2m_{011}^{(21)}m_{102}^{(11)}m_{211}^{(00)}\\
&+2m_{011}^{(21)}m_{102}^{(20)}m_{310}^{(11)} - 2m_{011}^{(21)}m_{102}^{(20)}m_{220}^{(10)} - 2m_{011}^{(21)}m_{102}^{(21)}m_{310}^{(10)} + 2m_{011}^{(21)}m_{102}^{(21)}m_{220}^{(00)}\\
&-2m_{011}^{(21)}m_{021}^{(00)}m_{310}^{(22)} - 2m_{011}^{(21)}m_{021}^{(00)}m_{301}^{(21)} + 4m_{011}^{(21)}m_{021}^{(00)}m_{211}^{(20)} + 2m_{011}^{(21)}m_{021}^{(10)}m_{400}^{(22)}\\
&-2m_{011}^{(21)}m_{021}^{(10)}m_{301}^{(20)} + 2m_{011}^{(21)}m_{021}^{(20)}m_{400}^{(21)} + 2m_{011}^{(21)}m_{021}^{(20)}m_{301}^{(10)} - 4m_{011}^{(21)}m_{021}^{(20)}m_{211}^{(00)}\\
&-2m_{011}^{(21)}m_{021}^{(21)}m_{400}^{(20)} + 2m_{011}^{(21)}m_{021}^{(21)}m_{301}^{(00)} - 2m_{011}^{(21)}m_{021}^{(22)}m_{400}^{(10)} + 2m_{011}^{(21)}m_{021}^{(22)}m_{310}^{(00)}\\
&+2m_{011}^{(21)}m_{012}^{(00)}m_{310}^{(21)} + 2m_{011}^{(21)}m_{012}^{(00)}m_{301}^{(11)} - 4m_{011}^{(21)}m_{012}^{(00)}m_{211}^{(10)} - 2m_{011}^{(21)}m_{012}^{(10)}m_{400}^{(21)}\\
&-2m_{011}^{(21)}m_{012}^{(10)}m_{310}^{(20)} + 4m_{011}^{(21)}m_{012}^{(10)}m_{211}^{(00)} + 2m_{011}^{(21)}m_{012}^{(11)}m_{400}^{(20)} - 2m_{011}^{(21)}m_{012}^{(11)}m_{301}^{(00)}\\
&-2m_{011}^{(21)}m_{012}^{(20)}m_{400}^{(11)} + 2m_{011}^{(21)}m_{012}^{(20)}m_{310}^{(10)} + 2m_{011}^{(21)}m_{012}^{(21)}m_{400}^{(10)} - 2m_{011}^{(21)}m_{012}^{(21)}m_{310}^{(00)}\\
&-m_{011}^{(22)}m_{300}^{(10)}m_{130}^{(22)} - m_{011}^{(22)}m_{300}^{(10)}m_{121}^{(21)} + 2m_{011}^{(22)}m_{300}^{(10)}m_{031}^{(20)} + m_{011}^{(22)}m_{300}^{(11)}m_{220}^{(22)}\\
&-m_{011}^{(22)}m_{300}^{(11)}m_{121}^{(20)} + m_{011}^{(22)}m_{300}^{(20)}m_{130}^{(21)} + m_{011}^{(22)}m_{300}^{(20)}m_{121}^{(11)} - 2m_{011}^{(22)}m_{300}^{(20)}m_{031}^{(10)}\\
&-m_{011}^{(22)}m_{300}^{(21)}m_{130}^{(20)} + m_{011}^{(22)}m_{300}^{(21)}m_{121}^{(10)} - m_{011}^{(22)}m_{300}^{(22)}m_{220}^{(11)} + m_{011}^{(22)}m_{300}^{(22)}m_{130}^{(10)}\\
&+m_{011}^{(22)}m_{210}^{(00)}m_{130}^{(22)} + m_{011}^{(22)}m_{210}^{(00)}m_{121}^{(21)} - 2m_{011}^{(22)}m_{210}^{(00)}m_{031}^{(20)} + m_{011}^{(22)}m_{210}^{(10)}m_{220}^{(22)}\\
&+2m_{011}^{(22)}m_{210}^{(10)}m_{211}^{(21)} - 3m_{011}^{(22)}m_{210}^{(10)}m_{121}^{(20)} - 2m_{011}^{(22)}m_{210}^{(11)}m_{310}^{(22)} + 2m_{011}^{(22)}m_{210}^{(11)}m_{211}^{(20)}\\
&-3m_{011}^{(22)}m_{210}^{(20)}m_{220}^{(21)} - 2m_{011}^{(22)}m_{210}^{(20)}m_{211}^{(11)} + 3m_{011}^{(22)}m_{210}^{(20)}m_{121}^{(10)} + 2m_{011}^{(22)}m_{210}^{(20)}m_{031}^{(00)}\\
&+3m_{011}^{(22)}m_{210}^{(21)}m_{220}^{(20)} - 2m_{011}^{(22)}m_{210}^{(21)}m_{211}^{(10)} - m_{011}^{(22)}m_{210}^{(21)}m_{121}^{(00)} + 2m_{011}^{(22)}m_{210}^{(22)}m_{310}^{(11)}\\
&-m_{011}^{(22)}m_{210}^{(22)}m_{220}^{(10)} - m_{011}^{(22)}m_{210}^{(22)}m_{130}^{(00)} - m_{011}^{(22)}m_{201}^{(00)}m_{130}^{(21)} - m_{011}^{(22)}m_{201}^{(00)}m_{121}^{(11)}\\
&+2m_{011}^{(22)}m_{201}^{(00)}m_{031}^{(10)} + m_{011}^{(22)}m_{201}^{(10)}m_{220}^{(21)} + m_{011}^{(22)}m_{201}^{(10)}m_{130}^{(20)} - 2m_{011}^{(22)}m_{201}^{(10)}m_{031}^{(00)}\\
&-m_{011}^{(22)}m_{201}^{(11)}m_{220}^{(20)} + m_{011}^{(22)}m_{201}^{(11)}m_{121}^{(00)} + m_{011}^{(22)}m_{201}^{(20)}m_{220}^{(11)} - m_{011}^{(22)}m_{201}^{(20)}m_{130}^{(10)}\\
&-m_{011}^{(22)}m_{201}^{(21)}m_{220}^{(10)} + m_{011}^{(22)}m_{201}^{(21)}m_{130}^{(00)} - 2m_{011}^{(22)}m_{120}^{(00)}m_{220}^{(22)} - 2m_{011}^{(22)}m_{120}^{(00)}m_{211}^{(21)}\\
&+4m_{011}^{(22)}m_{120}^{(00)}m_{121}^{(20)} + m_{011}^{(22)}m_{120}^{(10)}m_{310}^{(22)} - m_{011}^{(22)}m_{120}^{(10)}m_{301}^{(21)} + m_{011}^{(22)}m_{120}^{(11)}m_{400}^{(22)}\\
&-m_{011}^{(22)}m_{120}^{(11)}m_{301}^{(20)} + 3m_{011}^{(22)}m_{120}^{(20)}m_{310}^{(21)} + m_{011}^{(22)}m_{120}^{(20)}m_{301}^{(11)} - 4m_{011}^{(22)}m_{120}^{(20)}m_{121}^{(00)}\\
&-3m_{011}^{(22)}m_{120}^{(21)}m_{310}^{(20)} + m_{011}^{(22)}m_{120}^{(21)}m_{301}^{(10)} + 2m_{011}^{(22)}m_{120}^{(21)}m_{211}^{(00)} - m_{011}^{(22)}m_{120}^{(22)}m_{400}^{(11)}\\
&-m_{011}^{(22)}m_{120}^{(22)}m_{310}^{(10)} + 2m_{011}^{(22)}m_{120}^{(22)}m_{220}^{(00)} + 2m_{011}^{(22)}m_{111}^{(00)}m_{220}^{(21)} + 2m_{011}^{(22)}m_{111}^{(00)}m_{211}^{(11)}\\
&-4m_{011}^{(22)}m_{111}^{(00)}m_{121}^{(10)} - 2m_{011}^{(22)}m_{111}^{(10)}m_{310}^{(21)} - 2m_{011}^{(22)}m_{111}^{(10)}m_{220}^{(20)} + 4m_{011}^{(22)}m_{111}^{(10)}m_{121}^{(00)}\\
&+2m_{011}^{(22)}m_{111}^{(11)}m_{310}^{(20)} - 2m_{011}^{(22)}m_{111}^{(11)}m_{211}^{(00)} - 2m_{011}^{(22)}m_{111}^{(20)}m_{310}^{(11)} + 2m_{011}^{(22)}m_{111}^{(20)}m_{220}^{(10)}\\
&+2m_{011}^{(22)}m_{111}^{(21)}m_{310}^{(10)} - 2m_{011}^{(22)}m_{111}^{(21)}m_{220}^{(00)} + m_{011}^{(22)}m_{030}^{(00)}m_{310}^{(22)} + m_{011}^{(22)}m_{030}^{(00)}m_{301}^{(21)}\\
&-2m_{011}^{(22)}m_{030}^{(00)}m_{211}^{(20)} - m_{011}^{(22)}m_{030}^{(10)}m_{400}^{(22)} + m_{011}^{(22)}m_{030}^{(10)}m_{301}^{(20)} - m_{011}^{(22)}m_{030}^{(20)}m_{400}^{(21)}\\
&-m_{011}^{(22)}m_{030}^{(20)}m_{301}^{(10)} + 2m_{011}^{(22)}m_{030}^{(20)}m_{211}^{(00)} + m_{011}^{(22)}m_{030}^{(21)}m_{400}^{(20)} - m_{011}^{(22)}m_{030}^{(21)}m_{301}^{(00)}\\
&+m_{011}^{(22)}m_{030}^{(22)}m_{400}^{(10)} - m_{011}^{(22)}m_{030}^{(22)}m_{310}^{(00)} - m_{011}^{(22)}m_{021}^{(00)}m_{310}^{(21)} - m_{011}^{(22)}m_{021}^{(00)}m_{301}^{(11)}\\
&+2m_{011}^{(22)}m_{021}^{(00)}m_{211}^{(10)} + m_{011}^{(22)}m_{021}^{(10)}m_{400}^{(21)} + m_{011}^{(22)}m_{021}^{(10)}m_{310}^{(20)} - 2m_{011}^{(22)}m_{021}^{(10)}m_{211}^{(00)}\\
&-m_{011}^{(22)}m_{021}^{(11)}m_{400}^{(20)} + m_{011}^{(22)}m_{021}^{(11)}m_{301}^{(00)} + m_{011}^{(22)}m_{021}^{(20)}m_{400}^{(11)} - m_{011}^{(22)}m_{021}^{(20)}m_{310}^{(10)}\\
&-m_{011}^{(22)}m_{021}^{(21)}m_{400}^{(10)} + m_{011}^{(22)}m_{021}^{(21)}m_{310}^{(00)} + m_{002}^{(00)}m_{120}^{(10)}m_{112}^{(21)} - m_{002}^{(00)}m_{120}^{(10)}m_{022}^{(20)}\\
&-m_{002}^{(00)}m_{120}^{(11)}m_{202}^{(21)} + m_{002}^{(00)}m_{120}^{(11)}m_{112}^{(20)} - m_{002}^{(00)}m_{120}^{(20)}m_{112}^{(11)} + m_{002}^{(00)}m_{120}^{(20)}m_{022}^{(10)}
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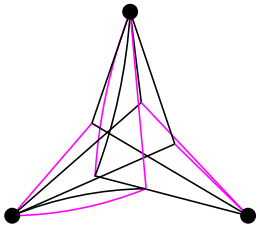
\begin{aligned}
&+m_{002}^{(00)}m_{120}^{(21)}m_{202}^{(11)} - m_{002}^{(00)}m_{120}^{(21)}m_{112}^{(10)} - 2m_{002}^{(00)}m_{111}^{(10)}m_{121}^{(21)} + 2m_{002}^{(00)}m_{111}^{(10)}m_{031}^{(20)}\\
&+2m_{002}^{(00)}m_{111}^{(11)}m_{211}^{(21)} - 2m_{002}^{(00)}m_{111}^{(11)}m_{121}^{(20)} + 2m_{002}^{(00)}m_{111}^{(20)}m_{121}^{(11)} - 2m_{002}^{(00)}m_{111}^{(20)}m_{031}^{(10)}\\
&-2m_{002}^{(00)}m_{111}^{(21)}m_{211}^{(11)} + 2m_{002}^{(00)}m_{111}^{(21)}m_{121}^{(10)} + m_{002}^{(00)}m_{102}^{(10)}m_{130}^{(21)} - m_{002}^{(00)}m_{102}^{(10)}m_{040}^{(20)}\\
&-m_{002}^{(00)}m_{102}^{(11)}m_{220}^{(21)} + m_{002}^{(00)}m_{102}^{(11)}m_{130}^{(20)} - m_{002}^{(00)}m_{102}^{(20)}m_{130}^{(11)} + m_{002}^{(00)}m_{102}^{(20)}m_{040}^{(10)}\\
&+m_{002}^{(00)}m_{102}^{(21)}m_{220}^{(11)} - m_{002}^{(00)}m_{102}^{(21)}m_{130}^{(10)} - m_{002}^{(00)}m_{030}^{(00)}m_{112}^{(21)} + m_{002}^{(00)}m_{030}^{(00)}m_{022}^{(20)}\\
&+m_{002}^{(00)}m_{030}^{(10)}m_{202}^{(21)} - m_{002}^{(00)}m_{030}^{(10)}m_{112}^{(20)} + m_{002}^{(00)}m_{030}^{(20)}m_{112}^{(10)} - m_{002}^{(00)}m_{030}^{(20)}m_{022}^{(00)}\\
&-m_{002}^{(00)}m_{030}^{(21)}m_{202}^{(10)} + m_{002}^{(00)}m_{030}^{(21)}m_{112}^{(00)} + 2m_{002}^{(00)}m_{021}^{(00)}m_{121}^{(21)} + m_{002}^{(00)}m_{021}^{(00)}m_{112}^{(11)}\\
&-2m_{002}^{(00)}m_{021}^{(00)}m_{031}^{(20)} - m_{002}^{(00)}m_{021}^{(00)}m_{022}^{(10)} - 2m_{002}^{(00)}m_{021}^{(10)}m_{031}^{(21)} - m_{002}^{(00)}m_{021}^{(10)}m_{202}^{(11)}\\
&+2m_{002}^{(00)}m_{021}^{(10)}m_{121}^{(20)} + m_{002}^{(00)}m_{021}^{(10)}m_{022}^{(00)} + m_{002}^{(00)}m_{021}^{(11)}m_{202}^{(10)} - m_{002}^{(00)}m_{021}^{(11)}m_{112}^{(00)}\\
&-2m_{002}^{(00)}m_{021}^{(20)}m_{121}^{(10)} + 2m_{002}^{(00)}m_{021}^{(20)}m_{031}^{(00)} + 2m_{002}^{(00)}m_{021}^{(21)}m_{211}^{(10)} - 2m_{002}^{(00)}m_{021}^{(21)}m_{121}^{(00)}\\
&-m_{002}^{(00)}m_{012}^{(00)}m_{130}^{(21)} - 2m_{002}^{(00)}m_{012}^{(00)}m_{121}^{(11)} + m_{002}^{(00)}m_{012}^{(00)}m_{040}^{(20)} + 2m_{002}^{(00)}m_{012}^{(00)}m_{031}^{(10)}\\
&+m_{002}^{(00)}m_{012}^{(10)}m_{220}^{(21)} + 2m_{002}^{(00)}m_{012}^{(10)}m_{211}^{(11)} - m_{002}^{(00)}m_{012}^{(10)}m_{130}^{(20)} - 2m_{002}^{(00)}m_{012}^{(10)}m_{031}^{(00)}\\
&-2m_{002}^{(00)}m_{012}^{(11)}m_{211}^{(10)} + 2m_{002}^{(00)}m_{012}^{(11)}m_{121}^{(00)} + m_{002}^{(00)}m_{012}^{(20)}m_{130}^{(10)} - m_{002}^{(00)}m_{012}^{(20)}m_{040}^{(00)}\\
&-m_{002}^{(00)}m_{012}^{(21)}m_{220}^{(10)} + m_{002}^{(00)}m_{012}^{(21)}m_{130}^{(00)} + m_{002}^{(00)}m_{003}^{(00)}m_{130}^{(11)} - m_{002}^{(00)}m_{003}^{(00)}m_{040}^{(10)}\\
&-m_{002}^{(00)}m_{003}^{(10)}m_{220}^{(11)} + m_{002}^{(00)}m_{003}^{(10)}m_{040}^{(00)} + m_{002}^{(00)}m_{003}^{(11)}m_{220}^{(10)} - m_{002}^{(00)}m_{003}^{(11)}m_{130}^{(00)}\\
&-2m_{002}^{(10)}m_{210}^{(10)}m_{112}^{(21)} + 2m_{002}^{(10)}m_{210}^{(10)}m_{022}^{(20)} + 2m_{002}^{(10)}m_{210}^{(11)}m_{202}^{(21)} - 2m_{002}^{(10)}m_{210}^{(11)}m_{112}^{(20)}\\
&+2m_{002}^{(10)}m_{210}^{(20)}m_{112}^{(11)} - 2m_{002}^{(10)}m_{210}^{(20)}m_{022}^{(10)} - 2m_{002}^{(10)}m_{210}^{(21)}m_{202}^{(11)} + 2m_{002}^{(10)}m_{210}^{(21)}m_{112}^{(10)}\\
&+2m_{002}^{(10)}m_{201}^{(10)}m_{121}^{(21)} - 2m_{002}^{(10)}m_{201}^{(10)}m_{031}^{(20)} - 2m_{002}^{(10)}m_{201}^{(11)}m_{211}^{(21)} + 2m_{002}^{(10)}m_{201}^{(11)}m_{121}^{(20)}\\
&-2m_{002}^{(10)}m_{201}^{(20)}m_{121}^{(11)} + 2m_{002}^{(10)}m_{201}^{(20)}m_{031}^{(10)} + 2m_{002}^{(10)}m_{201}^{(21)}m_{211}^{(11)} - 2m_{002}^{(10)}m_{201}^{(21)}m_{121}^{(10)}\\
&+2m_{002}^{(10)}m_{120}^{(00)}m_{112}^{(21)} - 2m_{002}^{(10)}m_{120}^{(00)}m_{022}^{(20)} - 2m_{002}^{(10)}m_{120}^{(10)}m_{202}^{(21)} + 2m_{002}^{(10)}m_{120}^{(10)}m_{112}^{(20)}\\
&-2m_{002}^{(10)}m_{120}^{(20)}m_{112}^{(10)} + 2m_{002}^{(10)}m_{120}^{(20)}m_{022}^{(00)} + 2m_{002}^{(10)}m_{120}^{(21)}m_{202}^{(10)} - 2m_{002}^{(10)}m_{120}^{(21)}m_{112}^{(00)}\\
&-2m_{002}^{(10)}m_{111}^{(00)}m_{121}^{(21)} - 2m_{002}^{(10)}m_{111}^{(00)}m_{112}^{(11)} + 2m_{002}^{(10)}m_{111}^{(00)}m_{031}^{(20)} + 2m_{002}^{(10)}m_{111}^{(00)}m_{022}^{(10)}\\
&+4m_{002}^{(10)}m_{111}^{(10)}m_{211}^{(21)} + 2m_{002}^{(10)}m_{111}^{(10)}m_{202}^{(11)} - 4m_{002}^{(10)}m_{111}^{(10)}m_{121}^{(20)} - 2m_{002}^{(10)}m_{111}^{(10)}m_{022}^{(00)}\\
&-2m_{002}^{(10)}m_{111}^{(11)}m_{301}^{(21)} + 2m_{002}^{(10)}m_{111}^{(11)}m_{211}^{(20)} - 2m_{002}^{(10)}m_{111}^{(11)}m_{202}^{(10)} + 2m_{002}^{(10)}m_{111}^{(11)}m_{112}^{(00)}\\
&-2m_{002}^{(10)}m_{111}^{(20)}m_{211}^{(11)} + 4m_{002}^{(10)}m_{111}^{(20)}m_{121}^{(10)} - 2m_{002}^{(10)}m_{111}^{(20)}m_{031}^{(00)} + 2m_{002}^{(10)}m_{111}^{(21)}m_{301}^{(11)}\\
&-4m_{002}^{(10)}m_{111}^{(21)}m_{211}^{(10)} + 2m_{002}^{(10)}m_{111}^{(21)}m_{121}^{(00)} + 2m_{002}^{(10)}m_{102}^{(00)}m_{121}^{(11)} - 2m_{002}^{(10)}m_{102}^{(00)}m_{031}^{(10)}\\
&-2m_{002}^{(10)}m_{102}^{(10)}m_{220}^{(21)} - 2m_{002}^{(10)}m_{102}^{(10)}m_{211}^{(11)} + 2m_{002}^{(10)}m_{102}^{(10)}m_{130}^{(20)} + 2m_{002}^{(10)}m_{102}^{(10)}m_{031}^{(00)}\\
&+2m_{002}^{(10)}m_{102}^{(11)}m_{310}^{(21)} - 2m_{002}^{(10)}m_{102}^{(11)}m_{220}^{(20)} + 2m_{002}^{(10)}m_{102}^{(11)}m_{211}^{(10)} - 2m_{002}^{(10)}m_{102}^{(11)}m_{121}^{(00)}\\
&+2m_{002}^{(10)}m_{102}^{(20)}m_{220}^{(11)} - 2m_{002}^{(10)}m_{102}^{(20)}m_{130}^{(10)} - 2m_{002}^{(10)}m_{102}^{(21)}m_{310}^{(11)} + 2m_{002}^{(10)}m_{102}^{(21)}m_{220}^{(10)}\\
&-2m_{002}^{(10)}m_{021}^{(00)}m_{211}^{(21)} + 2m_{002}^{(10)}m_{021}^{(00)}m_{121}^{(20)} + 2m_{002}^{(10)}m_{021}^{(10)}m_{301}^{(21)} - 2m_{002}^{(10)}m_{021}^{(10)}m_{211}^{(20)}\\
&+2m_{002}^{(10)}m_{021}^{(20)}m_{211}^{(10)} - 2m_{002}^{(10)}m_{021}^{(20)}m_{121}^{(00)} - 2m_{002}^{(10)}m_{021}^{(21)}m_{301}^{(10)} + 2m_{002}^{(10)}m_{021}^{(21)}m_{211}^{(00)}\\
&+2m_{002}^{(10)}m_{012}^{(00)}m_{220}^{(21)} + 2m_{002}^{(10)}m_{012}^{(00)}m_{211}^{(11)} - 2m_{002}^{(10)}m_{012}^{(00)}m_{130}^{(20)} - 2m_{002}^{(10)}m_{012}^{(00)}m_{121}^{(10)}\\
&-2m_{002}^{(10)}m_{012}^{(10)}m_{310}^{(21)} - 2m_{002}^{(10)}m_{012}^{(10)}m_{301}^{(11)} + 2m_{002}^{(10)}m_{012}^{(10)}m_{220}^{(20)} + 2m_{002}^{(10)}m_{012}^{(10)}m_{121}^{(00)}\\
&+2m_{002}^{(10)}m_{012}^{(11)}m_{301}^{(10)} - 2m_{002}^{(10)}m_{012}^{(11)}m_{211}^{(00)} - 2m_{002}^{(10)}m_{012}^{(20)}m_{220}^{(10)} + 2m_{002}^{(10)}m_{012}^{(20)}m_{130}^{(00)}\\
&+2m_{002}^{(10)}m_{012}^{(21)}m_{310}^{(10)} - 2m_{002}^{(10)}m_{012}^{(21)}m_{220}^{(00)} - 2m_{002}^{(10)}m_{003}^{(00)}m_{220}^{(11)} + 2m_{002}^{(10)}m_{003}^{(00)}m_{130}^{(10)}\\
&+2m_{002}^{(10)}m_{003}^{(10)}m_{310}^{(11)} - 2m_{002}^{(10)}m_{003}^{(10)}m_{130}^{(00)} - 2m_{002}^{(10)}m_{003}^{(11)}m_{310}^{(10)} + 2m_{002}^{(10)}m_{003}^{(11)}m_{220}^{(00)}\\
&+m_{002}^{(11)}m_{300}^{(10)}m_{112}^{(21)} - m_{002}^{(11)}m_{300}^{(10)}m_{022}^{(20)} - m_{002}^{(11)}m_{300}^{(11)}m_{202}^{(21)} + m_{002}^{(11)}m_{300}^{(11)}m_{112}^{(20)}\\
&-m_{002}^{(11)}m_{300}^{(20)}m_{112}^{(11)} + m_{002}^{(11)}m_{300}^{(20)}m_{022}^{(10)} + m_{002}^{(11)}m_{300}^{(21)}m_{202}^{(11)} - m_{002}^{(11)}m_{300}^{(21)}m_{112}^{(10)}
\end{aligned}
$$

$$
\begin{aligned}
&-m_{002}^{(11)}m_{210}^{(00)}m_{112}^{(21)}+m_{002}^{(11)}m_{210}^{(00)}m_{022}^{(20)}+m_{002}^{(11)}m_{210}^{(10)}m_{202}^{(21)}-m_{002}^{(11)}m_{210}^{(10)}m_{112}^{(20)}\\
&+m_{002}^{(11)}m_{210}^{(20)}m_{112}^{(10)}-m_{002}^{(11)}m_{210}^{(20)}m_{022}^{(00)}-m_{002}^{(11)}m_{210}^{(21)}m_{202}^{(10)}+m_{002}^{(11)}m_{210}^{(21)}m_{112}^{(00)}\\
&+m_{002}^{(11)}m_{201}^{(00)}m_{112}^{(11)}-m_{002}^{(11)}m_{201}^{(00)}m_{022}^{(10)}-2m_{002}^{(11)}m_{201}^{(10)}m_{211}^{(21)}-m_{002}^{(11)}m_{201}^{(10)}m_{202}^{(11)}\\
&+2m_{002}^{(11)}m_{201}^{(10)}m_{121}^{(20)}+m_{002}^{(11)}m_{201}^{(10)}m_{022}^{(00)}+2m_{002}^{(11)}m_{201}^{(11)}m_{301}^{(21)}-2m_{002}^{(11)}m_{201}^{(11)}m_{211}^{(20)}\\
&+m_{002}^{(11)}m_{201}^{(11)}m_{202}^{(10)}-m_{002}^{(11)}m_{201}^{(11)}m_{112}^{(00)}+2m_{002}^{(11)}m_{201}^{(20)}m_{211}^{(11)}-2m_{002}^{(11)}m_{201}^{(20)}m_{121}^{(10)}\\
&-2m_{002}^{(11)}m_{201}^{(21)}m_{301}^{(11)}+2m_{002}^{(11)}m_{201}^{(21)}m_{211}^{(10)}+2m_{002}^{(11)}m_{111}^{(00)}m_{211}^{(21)}-2m_{002}^{(11)}m_{111}^{(00)}m_{121}^{(20)}\\
&-2m_{002}^{(11)}m_{111}^{(10)}m_{301}^{(21)}+2m_{002}^{(11)}m_{111}^{(10)}m_{211}^{(20)}-2m_{002}^{(11)}m_{111}^{(20)}m_{211}^{(10)}+2m_{002}^{(11)}m_{111}^{(20)}m_{121}^{(00)}\\
&+2m_{002}^{(11)}m_{111}^{(21)}m_{301}^{(10)}-2m_{002}^{(11)}m_{111}^{(21)}m_{211}^{(00)}-2m_{002}^{(11)}m_{102}^{(00)}m_{211}^{(11)}+2m_{002}^{(11)}m_{102}^{(00)}m_{121}^{(10)}\\
&+m_{002}^{(11)}m_{102}^{(10)}m_{310}^{(21)}+2m_{002}^{(11)}m_{102}^{(10)}m_{301}^{(11)}-m_{002}^{(11)}m_{102}^{(10)}m_{220}^{(20)}-2m_{002}^{(11)}m_{102}^{(10)}m_{121}^{(00)}\\
&-m_{002}^{(11)}m_{102}^{(11)}m_{400}^{(21)}+m_{002}^{(11)}m_{102}^{(11)}m_{310}^{(20)}-2m_{002}^{(11)}m_{102}^{(11)}m_{301}^{(10)}+2m_{002}^{(11)}m_{102}^{(11)}m_{211}^{(00)}\\
&-m_{002}^{(11)}m_{102}^{(20)}m_{310}^{(11)}+m_{002}^{(11)}m_{102}^{(20)}m_{220}^{(10)}+m_{002}^{(11)}m_{102}^{(21)}m_{400}^{(11)}-m_{002}^{(11)}m_{102}^{(21)}m_{310}^{(10)}\\
&-m_{002}^{(11)}m_{012}^{(00)}m_{310}^{(21)}+m_{002}^{(11)}m_{012}^{(00)}m_{220}^{(20)}+m_{002}^{(11)}m_{012}^{(10)}m_{400}^{(21)}-m_{002}^{(11)}m_{012}^{(10)}m_{310}^{(20)}\\
&+m_{002}^{(11)}m_{012}^{(20)}m_{310}^{(10)}-m_{002}^{(11)}m_{012}^{(20)}m_{220}^{(00)}-m_{002}^{(11)}m_{012}^{(21)}m_{400}^{(10)}+m_{002}^{(11)}m_{012}^{(21)}m_{310}^{(00)}\\
&+m_{002}^{(11)}m_{003}^{(00)}m_{310}^{(11)}-m_{002}^{(11)}m_{003}^{(00)}m_{220}^{(10)}-m_{002}^{(11)}m_{003}^{(10)}m_{400}^{(11)}+m_{002}^{(11)}m_{003}^{(10)}m_{220}^{(00)}\\
&+m_{002}^{(11)}m_{003}^{(11)}m_{400}^{(10)}-m_{002}^{(11)}m_{003}^{(11)}m_{310}^{(00)}+2m_{002}^{(20)}m_{210}^{(10)}m_{121}^{(21)}-2m_{002}^{(20)}m_{210}^{(10)}m_{031}^{(20)}\\
&-2m_{002}^{(20)}m_{210}^{(11)}m_{211}^{(21)}+2m_{002}^{(20)}m_{210}^{(11)}m_{121}^{(20)}-2m_{002}^{(20)}m_{210}^{(20)}m_{121}^{(11)}+2m_{002}^{(20)}m_{210}^{(20)}m_{031}^{(10)}\\
&+2m_{002}^{(20)}m_{210}^{(21)}m_{211}^{(11)}-2m_{002}^{(20)}m_{210}^{(21)}m_{121}^{(10)}-2m_{002}^{(20)}m_{201}^{(10)}m_{130}^{(21)}+2m_{002}^{(20)}m_{201}^{(10)}m_{040}^{(20)}\\
&+2m_{002}^{(20)}m_{201}^{(11)}m_{220}^{(21)}-2m_{002}^{(20)}m_{201}^{(11)}m_{130}^{(20)}+2m_{002}^{(20)}m_{201}^{(20)}m_{130}^{(11)}-2m_{002}^{(20)}m_{201}^{(20)}m_{040}^{(10)}\\
&-2m_{002}^{(20)}m_{201}^{(21)}m_{220}^{(11)}+2m_{002}^{(20)}m_{201}^{(21)}m_{130}^{(10)}-2m_{002}^{(20)}m_{120}^{(00)}m_{121}^{(21)}+2m_{002}^{(20)}m_{120}^{(00)}m_{031}^{(20)}\\
&+2m_{002}^{(20)}m_{120}^{(11)}m_{301}^{(21)}-2m_{002}^{(20)}m_{120}^{(11)}m_{211}^{(20)}+2m_{002}^{(20)}m_{120}^{(20)}m_{211}^{(11)}-2m_{002}^{(20)}m_{120}^{(20)}m_{031}^{(00)}\\
&-2m_{002}^{(20)}m_{120}^{(21)}m_{301}^{(11)}+2m_{002}^{(20)}m_{120}^{(21)}m_{121}^{(00)}+2m_{002}^{(20)}m_{111}^{(00)}m_{130}^{(21)}+2m_{002}^{(20)}m_{111}^{(00)}m_{121}^{(11)}\\
&-2m_{002}^{(20)}m_{111}^{(00)}m_{040}^{(20)}-2m_{002}^{(20)}m_{111}^{(00)}m_{031}^{(10)}-2m_{002}^{(20)}m_{111}^{(10)}m_{211}^{(11)}+2m_{002}^{(20)}m_{111}^{(10)}m_{031}^{(00)}\\
&-2m_{002}^{(20)}m_{111}^{(11)}m_{310}^{(21)}+2m_{002}^{(20)}m_{111}^{(11)}m_{220}^{(20)}+2m_{002}^{(20)}m_{111}^{(11)}m_{211}^{(10)}-2m_{002}^{(20)}m_{111}^{(11)}m_{121}^{(00)}\\
&-2m_{002}^{(20)}m_{111}^{(20)}m_{220}^{(11)}+2m_{002}^{(20)}m_{111}^{(20)}m_{040}^{(00)}+2m_{002}^{(20)}m_{111}^{(21)}m_{310}^{(11)}-2m_{002}^{(20)}m_{111}^{(21)}m_{130}^{(00)}\\
&-2m_{002}^{(20)}m_{102}^{(00)}m_{130}^{(11)}+2m_{002}^{(20)}m_{102}^{(00)}m_{040}^{(10)}+2m_{002}^{(20)}m_{102}^{(10)}m_{220}^{(11)}-2m_{002}^{(20)}m_{102}^{(10)}m_{040}^{(00)}\\
&-2m_{002}^{(20)}m_{102}^{(11)}m_{220}^{(10)}+2m_{002}^{(20)}m_{102}^{(11)}m_{130}^{(00)}+2m_{002}^{(20)}m_{030}^{(00)}m_{211}^{(21)}-2m_{002}^{(20)}m_{030}^{(00)}m_{121}^{(20)}\\
&-2m_{002}^{(20)}m_{030}^{(10)}m_{301}^{(21)}+2m_{002}^{(20)}m_{030}^{(10)}m_{211}^{(20)}-2m_{002}^{(20)}m_{030}^{(20)}m_{211}^{(10)}+2m_{002}^{(20)}m_{030}^{(20)}m_{121}^{(00)}\\
&+2m_{002}^{(20)}m_{030}^{(21)}m_{301}^{(10)}-2m_{002}^{(20)}m_{030}^{(21)}m_{211}^{(00)}-2m_{002}^{(20)}m_{021}^{(00)}m_{220}^{(21)}-2m_{002}^{(20)}m_{021}^{(00)}m_{211}^{(11)}\\
&+2m_{002}^{(20)}m_{021}^{(00)}m_{130}^{(20)}+2m_{002}^{(20)}m_{021}^{(00)}m_{121}^{(10)}+2m_{002}^{(20)}m_{021}^{(10)}m_{310}^{(21)}+2m_{002}^{(20)}m_{021}^{(10)}m_{301}^{(11)}\\
&-2m_{002}^{(20)}m_{021}^{(10)}m_{220}^{(20)}-2m_{002}^{(20)}m_{021}^{(10)}m_{121}^{(00)}-2m_{002}^{(20)}m_{021}^{(11)}m_{301}^{(10)}+2m_{002}^{(20)}m_{021}^{(11)}m_{211}^{(00)}\\
&+2m_{002}^{(20)}m_{021}^{(20)}m_{220}^{(10)}-2m_{002}^{(20)}m_{021}^{(20)}m_{130}^{(00)}-2m_{002}^{(20)}m_{021}^{(21)}m_{310}^{(10)}+2m_{002}^{(20)}m_{021}^{(21)}m_{220}^{(00)}\\
&+2m_{002}^{(20)}m_{012}^{(00)}m_{220}^{(11)}-2m_{002}^{(20)}m_{012}^{(00)}m_{130}^{(10)}-2m_{002}^{(20)}m_{012}^{(10)}m_{310}^{(11)}+2m_{002}^{(20)}m_{012}^{(10)}m_{130}^{(00)}\\
&+2m_{002}^{(20)}m_{012}^{(11)}m_{310}^{(10)}-2m_{002}^{(20)}m_{012}^{(11)}m_{220}^{(00)}-2m_{002}^{(21)}m_{300}^{(10)}m_{121}^{(21)}+2m_{002}^{(21)}m_{300}^{(10)}m_{031}^{(20)}\\
&+2m_{002}^{(21)}m_{300}^{(11)}m_{211}^{(21)}-2m_{002}^{(21)}m_{300}^{(11)}m_{121}^{(20)}+2m_{002}^{(21)}m_{300}^{(20)}m_{121}^{(11)}-2m_{002}^{(21)}m_{300}^{(20)}m_{031}^{(10)}\\
&-2m_{002}^{(21)}m_{300}^{(21)}m_{211}^{(11)}+2m_{002}^{(21)}m_{300}^{(21)}m_{121}^{(10)}+2m_{002}^{(21)}m_{210}^{(00)}m_{121}^{(21)}-2m_{002}^{(21)}m_{210}^{(00)}m_{031}^{(20)}\\
&-2m_{002}^{(21)}m_{210}^{(11)}m_{301}^{(21)}+2m_{002}^{(21)}m_{210}^{(11)}m_{211}^{(20)}-2m_{002}^{(21)}m_{210}^{(20)}m_{211}^{(11)}+2m_{002}^{(21)}m_{210}^{(20)}m_{031}^{(00)}\\
&+2m_{002}^{(21)}m_{210}^{(21)}m_{301}^{(11)}-2m_{002}^{(21)}m_{210}^{(21)}m_{121}^{(00)}-2m_{002}^{(21)}m_{201}^{(00)}m_{121}^{(11)}+2m_{002}^{(21)}m_{201}^{(00)}m_{031}^{(10)}\\
&+2m_{002}^{(21)}m_{201}^{(10)}m_{220}^{(21)}+2m_{002}^{(21)}m_{201}^{(10)}m_{211}^{(11)}-2m_{002}^{(21)}m_{201}^{(10)}m_{130}^{(20)}-2m_{002}^{(21)}m_{201}^{(10)}m_{031}^{(00)}
\end{aligned}
$$

$$
\begin{aligned}
&-2m_{002}^{(21)}m_{201}^{(11)}m_{310}^{(21)} + 2m_{002}^{(21)}m_{201}^{(11)}m_{220}^{(20)} - 2m_{002}^{(21)}m_{201}^{(11)}m_{211}^{(10)} + 2m_{002}^{(21)}m_{201}^{(11)}m_{121}^{(00)}\\
&-2m_{002}^{(21)}m_{201}^{(20)}m_{220}^{(11)} + 2m_{002}^{(21)}m_{201}^{(20)}m_{130}^{(10)} + 2m_{002}^{(21)}m_{201}^{(21)}m_{310}^{(11)} - 2m_{002}^{(21)}m_{201}^{(21)}m_{220}^{(10)}\\
&-2m_{002}^{(21)}m_{120}^{(00)}m_{211}^{(21)} + 2m_{002}^{(21)}m_{120}^{(00)}m_{121}^{(20)} + 2m_{002}^{(21)}m_{120}^{(10)}m_{301}^{(21)} - 2m_{002}^{(21)}m_{120}^{(10)}m_{211}^{(20)}\\
&+2m_{002}^{(21)}m_{120}^{(20)}m_{211}^{(10)} - 2m_{002}^{(21)}m_{120}^{(20)}m_{121}^{(00)} - 2m_{002}^{(21)}m_{120}^{(21)}m_{301}^{(10)} + 2m_{002}^{(21)}m_{120}^{(21)}m_{211}^{(00)}\\
&-2m_{002}^{(21)}m_{111}^{(00)}m_{220}^{(21)} + 2m_{002}^{(21)}m_{111}^{(00)}m_{211}^{(11)} + 2m_{002}^{(21)}m_{111}^{(00)}m_{130}^{(20)} - 2m_{002}^{(21)}m_{111}^{(00)}m_{121}^{(10)}\\
&-2m_{002}^{(21)}m_{111}^{(10)}m_{301}^{(11)} + 2m_{002}^{(21)}m_{111}^{(10)}m_{121}^{(00)} + 2m_{002}^{(21)}m_{111}^{(11)}m_{400}^{(21)} - 2m_{002}^{(21)}m_{111}^{(11)}m_{310}^{(20)}\\
&+2m_{002}^{(21)}m_{111}^{(11)}m_{301}^{(10)} - 2m_{002}^{(21)}m_{111}^{(11)}m_{211}^{(00)} + 2m_{002}^{(21)}m_{111}^{(20)}m_{310}^{(11)} - 2m_{002}^{(21)}m_{111}^{(20)}m_{130}^{(00)}\\
&-2m_{002}^{(21)}m_{111}^{(21)}m_{400}^{(11)} + 2m_{002}^{(21)}m_{111}^{(21)}m_{220}^{(00)} + 2m_{002}^{(21)}m_{102}^{(00)}m_{220}^{(11)} - 2m_{002}^{(21)}m_{102}^{(00)}m_{130}^{(10)}\\
&-2m_{002}^{(21)}m_{102}^{(10)}m_{310}^{(11)} + 2m_{002}^{(21)}m_{102}^{(10)}m_{130}^{(00)} + 2m_{002}^{(21)}m_{102}^{(11)}m_{310}^{(10)} - 2m_{002}^{(21)}m_{102}^{(11)}m_{220}^{(00)}\\
&+2m_{002}^{(21)}m_{021}^{(00)}m_{310}^{(21)} - 2m_{002}^{(21)}m_{021}^{(00)}m_{220}^{(20)} - 2m_{002}^{(21)}m_{021}^{(10)}m_{400}^{(21)} + 2m_{002}^{(21)}m_{021}^{(10)}m_{310}^{(20)}\\
&-2m_{002}^{(21)}m_{021}^{(20)}m_{310}^{(10)} + 2m_{002}^{(21)}m_{021}^{(20)}m_{220}^{(00)} + 2m_{002}^{(21)}m_{021}^{(21)}m_{400}^{(10)} - 2m_{002}^{(21)}m_{021}^{(21)}m_{310}^{(00)}\\
&-2m_{002}^{(21)}m_{012}^{(00)}m_{310}^{(11)} + 2m_{002}^{(21)}m_{012}^{(00)}m_{220}^{(10)} + 2m_{002}^{(21)}m_{012}^{(10)}m_{400}^{(11)} - 2m_{002}^{(21)}m_{012}^{(10)}m_{220}^{(00)}\\
&-2m_{002}^{(21)}m_{012}^{(11)}m_{400}^{(10)} + 2m_{002}^{(21)}m_{012}^{(11)}m_{310}^{(00)} + m_{002}^{(22)}m_{300}^{(10)}m_{130}^{(21)} - m_{002}^{(22)}m_{300}^{(10)}m_{040}^{(20)}\\
&-m_{002}^{(22)}m_{300}^{(11)}m_{220}^{(21)} + m_{002}^{(22)}m_{300}^{(11)}m_{130}^{(20)} - m_{002}^{(22)}m_{300}^{(20)}m_{130}^{(11)} + m_{002}^{(22)}m_{300}^{(20)}m_{040}^{(10)}\\
&+m_{002}^{(22)}m_{300}^{(21)}m_{220}^{(11)} - m_{002}^{(22)}m_{300}^{(21)}m_{130}^{(10)} - m_{002}^{(22)}m_{210}^{(00)}m_{130}^{(21)} + m_{002}^{(22)}m_{210}^{(00)}m_{040}^{(20)}\\
&-m_{002}^{(22)}m_{210}^{(10)}m_{220}^{(21)} + m_{002}^{(22)}m_{210}^{(10)}m_{130}^{(20)} + 2m_{002}^{(22)}m_{210}^{(11)}m_{310}^{(21)} - 2m_{002}^{(22)}m_{210}^{(11)}m_{220}^{(20)}\\
&+2m_{002}^{(22)}m_{210}^{(20)}m_{220}^{(11)} - m_{002}^{(22)}m_{210}^{(20)}m_{130}^{(10)} - m_{002}^{(22)}m_{210}^{(20)}m_{040}^{(00)} - 2m_{002}^{(22)}m_{210}^{(21)}m_{310}^{(11)}\\
&+m_{002}^{(22)}m_{210}^{(21)}m_{220}^{(10)} + m_{002}^{(22)}m_{210}^{(21)}m_{130}^{(00)} + m_{002}^{(22)}m_{201}^{(00)}m_{130}^{(11)} - m_{002}^{(22)}m_{201}^{(00)}m_{040}^{(10)}\\
&-m_{002}^{(22)}m_{201}^{(10)}m_{220}^{(11)} + m_{002}^{(22)}m_{201}^{(10)}m_{040}^{(00)} + m_{002}^{(22)}m_{201}^{(11)}m_{220}^{(10)} - m_{002}^{(22)}m_{201}^{(11)}m_{130}^{(00)}\\
&+2m_{002}^{(22)}m_{120}^{(00)}m_{220}^{(21)} - 2m_{002}^{(22)}m_{120}^{(00)}m_{130}^{(20)} - m_{002}^{(22)}m_{120}^{(10)}m_{310}^{(21)} + m_{002}^{(22)}m_{120}^{(10)}m_{220}^{(20)}\\
&-m_{002}^{(22)}m_{120}^{(11)}m_{400}^{(21)} + m_{002}^{(22)}m_{120}^{(11)}m_{310}^{(20)} - m_{002}^{(22)}m_{120}^{(20)}m_{310}^{(11)} - m_{002}^{(22)}m_{120}^{(20)}m_{220}^{(10)}\\
&+2m_{002}^{(22)}m_{120}^{(20)}m_{130}^{(00)} + m_{002}^{(22)}m_{120}^{(21)}m_{400}^{(11)} + m_{002}^{(22)}m_{120}^{(21)}m_{310}^{(10)} - 2m_{002}^{(22)}m_{120}^{(21)}m_{220}^{(00)}\\
&-2m_{002}^{(22)}m_{111}^{(00)}m_{220}^{(11)} + 2m_{002}^{(22)}m_{111}^{(00)}m_{130}^{(10)} + 2m_{002}^{(22)}m_{111}^{(10)}m_{310}^{(11)} - 2m_{002}^{(22)}m_{111}^{(10)}m_{130}^{(00)}\\
&-2m_{002}^{(22)}m_{111}^{(11)}m_{310}^{(10)} + 2m_{002}^{(22)}m_{111}^{(11)}m_{220}^{(00)} - m_{002}^{(22)}m_{030}^{(00)}m_{310}^{(21)} + m_{002}^{(22)}m_{030}^{(00)}m_{220}^{(20)}\\
&+m_{002}^{(22)}m_{030}^{(10)}m_{400}^{(21)} - m_{002}^{(22)}m_{030}^{(10)}m_{310}^{(20)} + m_{002}^{(22)}m_{030}^{(20)}m_{310}^{(10)} - m_{002}^{(22)}m_{030}^{(20)}m_{220}^{(00)}\\
&-m_{002}^{(22)}m_{030}^{(21)}m_{400}^{(10)} + m_{002}^{(22)}m_{030}^{(21)}m_{310}^{(00)} + m_{002}^{(22)}m_{021}^{(00)}m_{310}^{(11)} - m_{002}^{(22)}m_{021}^{(00)}m_{220}^{(10)}\\
&-m_{002}^{(22)}m_{021}^{(10)}m_{400}^{(11)} + m_{002}^{(22)}m_{021}^{(10)}m_{220}^{(00)} + m_{002}^{(22)}m_{021}^{(11)}m_{400}^{(10)} - m_{002}^{(22)}m_{021}^{(11)}m_{310}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{ccccc}
V1 & 1 & 1 & V1 & V2\\
1 & 2 & 2 & 2 & 2\\
V2 & V3 & V3 & 3 & 3
\end{array}
$$



$$
\begin{aligned}
T_{128} \;=\;& m_{200}^{(00)} m_{120}^{(11)} m_{013}^{(22)} - m_{200}^{(00)} m_{120}^{(11)} m_{004}^{(21)} - m_{200}^{(00)} m_{120}^{(21)} m_{022}^{(22)} + m_{200}^{(00)} m_{120}^{(21)} m_{004}^{(11)} \\
&+ m_{200}^{(00)} m_{120}^{(22)} m_{022}^{(21)} - m_{200}^{(00)} m_{120}^{(22)} m_{013}^{(11)} - 2m_{200}^{(00)} m_{111}^{(11)} m_{022}^{(22)} + 2m_{200}^{(00)} m_{111}^{(11)} m_{013}^{(21)} \\
&+ 2m_{200}^{(00)} m_{111}^{(21)} m_{031}^{(22)} - 2m_{200}^{(00)} m_{111}^{(21)} m_{013}^{(11)} - 2m_{200}^{(00)} m_{111}^{(22)} m_{031}^{(21)} + 2m_{200}^{(00)} m_{111}^{(22)} m_{022}^{(11)} \\
&+ m_{200}^{(00)} m_{102}^{(11)} m_{031}^{(22)} - m_{200}^{(00)} m_{102}^{(11)} m_{022}^{(21)} - m_{200}^{(00)} m_{102}^{(21)} m_{040}^{(22)} + m_{200}^{(00)} m_{102}^{(21)} m_{022}^{(11)} \\
&+ m_{200}^{(00)} m_{102}^{(22)} m_{040}^{(21)} - m_{200}^{(00)} m_{102}^{(22)} m_{031}^{(11)} - m_{200}^{(00)} m_{030}^{(10)} m_{013}^{(22)} + m_{200}^{(00)} m_{030}^{(10)} m_{004}^{(21)} \\
&+ m_{200}^{(00)} m_{030}^{(20)} m_{013}^{(21)} - m_{200}^{(00)} m_{030}^{(20)} m_{004}^{(11)} + m_{200}^{(00)} m_{030}^{(21)} m_{112}^{(22)} - m_{200}^{(00)} m_{030}^{(21)} m_{103}^{(21)} \\
&- m_{200}^{(00)} m_{030}^{(22)} m_{112}^{(21)} + m_{200}^{(00)} m_{030}^{(22)} m_{103}^{(11)} + 3m_{200}^{(00)} m_{021}^{(10)} m_{022}^{(22)} - 3m_{200}^{(00)} m_{021}^{(10)} m_{013}^{(21)} \\
&- m_{200}^{(00)} m_{021}^{(11)} m_{112}^{(22)} + m_{200}^{(00)} m_{021}^{(11)} m_{103}^{(21)} - 3m_{200}^{(00)} m_{021}^{(20)} m_{022}^{(21)} + 3m_{200}^{(00)} m_{021}^{(20)} m_{013}^{(11)} \\
&- 2m_{200}^{(00)} m_{021}^{(21)} m_{121}^{(22)} + 3m_{200}^{(00)} m_{021}^{(21)} m_{112}^{(21)} - m_{200}^{(00)} m_{021}^{(21)} m_{103}^{(11)} + 2m_{200}^{(00)} m_{021}^{(22)} m_{121}^{(21)} \\
&- 2m_{200}^{(00)} m_{021}^{(22)} m_{112}^{(11)} - 3m_{200}^{(00)} m_{012}^{(10)} m_{031}^{(22)} + 3m_{200}^{(00)} m_{012}^{(10)} m_{022}^{(21)} + 2m_{200}^{(00)} m_{012}^{(11)} m_{121}^{(22)} \\
&- 2m_{200}^{(00)} m_{012}^{(11)} m_{112}^{(21)} + 3m_{200}^{(00)} m_{012}^{(20)} m_{031}^{(21)} - 3m_{200}^{(00)} m_{012}^{(20)} m_{022}^{(11)} + m_{200}^{(00)} m_{012}^{(21)} m_{130}^{(22)} \\
&- 3m_{200}^{(00)} m_{012}^{(21)} m_{121}^{(21)} + 2m_{200}^{(00)} m_{012}^{(21)} m_{112}^{(11)} - m_{200}^{(00)} m_{012}^{(22)} m_{130}^{(21)} + m_{200}^{(00)} m_{012}^{(22)} m_{121}^{(11)} \\
&+ m_{200}^{(00)} m_{003}^{(10)} m_{040}^{(22)} - m_{200}^{(00)} m_{003}^{(10)} m_{031}^{(21)} - m_{200}^{(00)} m_{003}^{(11)} m_{130}^{(22)} + m_{200}^{(00)} m_{003}^{(11)} m_{121}^{(21)} \\
&- m_{200}^{(00)} m_{003}^{(20)} m_{040}^{(21)} + m_{200}^{(00)} m_{003}^{(20)} m_{031}^{(11)} + m_{200}^{(00)} m_{003}^{(21)} m_{130}^{(21)} - m_{200}^{(00)} m_{003}^{(21)} m_{121}^{(11)} \\
&- m_{200}^{(10)} m_{210}^{(11)} m_{013}^{(22)} + m_{200}^{(10)} m_{210}^{(11)} m_{004}^{(21)} + m_{200}^{(10)} m_{210}^{(21)} m_{022}^{(22)} - m_{200}^{(10)} m_{210}^{(21)} m_{004}^{(11)} \\
&- m_{200}^{(10)} m_{210}^{(22)} m_{022}^{(21)} + m_{200}^{(10)} m_{210}^{(22)} m_{013}^{(11)} + m_{200}^{(10)} m_{201}^{(11)} m_{022}^{(22)} - m_{200}^{(10)} m_{201}^{(11)} m_{013}^{(21)} \\
&- m_{200}^{(10)} m_{201}^{(21)} m_{031}^{(22)} + m_{200}^{(10)} m_{201}^{(21)} m_{013}^{(11)} + m_{200}^{(10)} m_{201}^{(22)} m_{031}^{(21)} - m_{200}^{(10)} m_{201}^{(22)} m_{022}^{(11)} \\
&+ m_{200}^{(10)} m_{120}^{(10)} m_{013}^{(22)} - m_{200}^{(10)} m_{120}^{(10)} m_{004}^{(21)} - m_{200}^{(10)} m_{120}^{(11)} m_{103}^{(22)} + m_{200}^{(10)} m_{120}^{(11)} m_{004}^{(20)} \\
&- m_{200}^{(10)} m_{120}^{(20)} m_{013}^{(21)} + m_{200}^{(10)} m_{120}^{(20)} m_{004}^{(11)} + 2m_{200}^{(10)} m_{120}^{(21)} m_{103}^{(21)} - m_{200}^{(10)} m_{120}^{(21)} m_{013}^{(20)} \\
&- m_{200}^{(10)} m_{120}^{(21)} m_{004}^{(10)} - m_{200}^{(10)} m_{120}^{(22)} m_{103}^{(11)} + m_{200}^{(10)} m_{120}^{(22)} m_{013}^{(10)} - 2m_{200}^{(10)} m_{111}^{(10)} m_{022}^{(22)} \\
&+ 2m_{200}^{(10)} m_{111}^{(10)} m_{013}^{(21)} + 4m_{200}^{(10)} m_{111}^{(11)} m_{112}^{(22)} - 2m_{200}^{(10)} m_{111}^{(11)} m_{103}^{(21)} - 2m_{200}^{(10)} m_{111}^{(11)} m_{013}^{(20)} \\
&+ 2m_{200}^{(10)} m_{111}^{(20)} m_{022}^{(21)} - 2m_{200}^{(10)} m_{111}^{(20)} m_{013}^{(11)} - 2m_{200}^{(10)} m_{111}^{(21)} m_{121}^{(22)} - 4m_{200}^{(10)} m_{111}^{(21)} m_{112}^{(21)} \\
&+ 2m_{200}^{(10)} m_{111}^{(21)} m_{103}^{(11)} + 2m_{200}^{(10)} m_{111}^{(21)} m_{022}^{(20)} + 2m_{200}^{(10)} m_{111}^{(21)} m_{013}^{(10)} + 2m_{200}^{(10)} m_{111}^{(22)} m_{121}^{(21)} \\
&- 2m_{200}^{(10)} m_{111}^{(22)} m_{022}^{(10)} + m_{200}^{(10)} m_{102}^{(10)} m_{031}^{(22)} - m_{200}^{(10)} m_{102}^{(10)} m_{022}^{(21)} - 3m_{200}^{(10)} m_{102}^{(11)} m_{121}^{(22)} \\
&+ 2m_{200}^{(10)} m_{102}^{(11)} m_{112}^{(21)} + m_{200}^{(10)} m_{102}^{(11)} m_{022}^{(20)} - m_{200}^{(10)} m_{102}^{(20)} m_{031}^{(21)} + m_{200}^{(10)} m_{102}^{(20)} m_{022}^{(11)} \\
&+ 2m_{200}^{(10)} m_{102}^{(21)} m_{130}^{(22)} + 2m_{200}^{(10)} m_{102}^{(21)} m_{121}^{(21)} - 2m_{200}^{(10)} m_{102}^{(21)} m_{112}^{(11)} - m_{200}^{(10)} m_{102}^{(21)} m_{031}^{(20)} \\
&- m_{200}^{(10)} m_{102}^{(21)} m_{022}^{(10)} - 2m_{200}^{(10)} m_{102}^{(22)} m_{130}^{(21)} + m_{200}^{(10)} m_{102}^{(22)} m_{121}^{(11)} + m_{200}^{(10)} m_{102}^{(22)} m_{031}^{(10)} \\
&+ m_{200}^{(10)} m_{030}^{(10)} m_{103}^{(22)} - m_{200}^{(10)} m_{030}^{(10)} m_{004}^{(20)} - m_{200}^{(10)} m_{030}^{(20)} m_{103}^{(21)} + m_{200}^{(10)} m_{030}^{(20)} m_{004}^{(10)} \\
&- m_{200}^{(10)} m_{030}^{(21)} m_{202}^{(22)} + m_{200}^{(10)} m_{030}^{(21)} m_{103}^{(20)} + m_{200}^{(10)} m_{030}^{(22)} m_{202}^{(21)} - m_{200}^{(10)} m_{030}^{(22)} m_{103}^{(10)} \\
&- 4m_{200}^{(10)} m_{021}^{(10)} m_{112}^{(22)} + m_{200}^{(10)} m_{021}^{(10)} m_{103}^{(21)} + 3m_{200}^{(10)} m_{021}^{(10)} m_{013}^{(20)} + m_{200}^{(10)} m_{021}^{(11)} m_{202}^{(22)} \\
&- m_{200}^{(10)} m_{021}^{(11)} m_{103}^{(20)} + 4m_{200}^{(10)} m_{021}^{(20)} m_{112}^{(21)} - m_{200}^{(10)} m_{021}^{(20)} m_{103}^{(11)} - 3m_{200}^{(10)} m_{021}^{(20)} m_{013}^{(10)} \\
&+ 3m_{200}^{(10)} m_{021}^{(21)} m_{211}^{(22)} - 2m_{200}^{(10)} m_{021}^{(21)} m_{202}^{(21)} - 2m_{200}^{(10)} m_{021}^{(21)} m_{112}^{(20)} + m_{200}^{(10)} m_{021}^{(21)} m_{103}^{(10)} \\
&- 3m_{200}^{(10)} m_{021}^{(22)} m_{211}^{(21)} + m_{200}^{(10)} m_{021}^{(22)} m_{202}^{(11)} + 2m_{200}^{(10)} m_{021}^{(22)} m_{112}^{(10)} + 5m_{200}^{(10)} m_{012}^{(10)} m_{121}^{(22)} \\
&- 2m_{200}^{(10)} m_{012}^{(10)} m_{112}^{(21)} - 3m_{200}^{(10)} m_{012}^{(10)} m_{022}^{(20)} - 3m_{200}^{(10)} m_{012}^{(11)} m_{211}^{(22)} + m_{200}^{(10)} m_{012}^{(11)} m_{202}^{(21)} \\
&+ 2m_{200}^{(10)} m_{012}^{(11)} m_{112}^{(20)} - 5m_{200}^{(10)} m_{012}^{(20)} m_{121}^{(21)} + 2m_{200}^{(10)} m_{012}^{(20)} m_{112}^{(11)} + 3m_{200}^{(10)} m_{012}^{(20)} m_{022}^{(10)} \\
&- 2m_{200}^{(10)} m_{012}^{(21)} m_{220}^{(22)} + 4m_{200}^{(10)} m_{012}^{(21)} m_{211}^{(21)} - m_{200}^{(10)} m_{012}^{(21)} m_{202}^{(11)} + m_{200}^{(10)} m_{012}^{(21)} m_{121}^{(20)} \\
&- 2m_{200}^{(10)} m_{012}^{(21)} m_{112}^{(10)} + 2m_{200}^{(10)} m_{012}^{(22)} m_{220}^{(21)} - m_{200}^{(10)} m_{012}^{(22)} m_{211}^{(11)} - m_{200}^{(10)} m_{012}^{(22)} m_{121}^{(10)} \\
&- 2m_{200}^{(10)} m_{003}^{(10)} m_{130}^{(22)} + m_{200}^{(10)} m_{003}^{(10)} m_{121}^{(21)} + m_{200}^{(10)} m_{003}^{(10)} m_{031}^{(20)} + 2m_{200}^{(10)} m_{003}^{(11)} m_{220}^{(22)}
\end{aligned}
$$

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\begin{aligned}
&-m_{200}^{(10)}m_{003}^{(11)}m_{211}^{(21)} - m_{200}^{(10)}m_{003}^{(11)}m_{121}^{(20)} + 2m_{200}^{(10)}m_{003}^{(20)}m_{130}^{(21)} - m_{200}^{(10)}m_{003}^{(20)}m_{121}^{(11)}\\
&-m_{200}^{(10)}m_{003}^{(20)}m_{031}^{(10)} - 2m_{200}^{(10)}m_{003}^{(21)}m_{220}^{(21)} + m_{200}^{(10)}m_{003}^{(21)}m_{211}^{(11)} + m_{200}^{(10)}m_{003}^{(21)}m_{121}^{(10)}\\
&+m_{200}^{(11)}m_{210}^{(11)}m_{103}^{(22)} - m_{200}^{(11)}m_{210}^{(11)}m_{004}^{(20)} - m_{200}^{(11)}m_{210}^{(21)}m_{112}^{(22)} - m_{200}^{(11)}m_{210}^{(21)}m_{103}^{(21)}\\
&+m_{200}^{(11)}m_{210}^{(21)}m_{013}^{(20)} + m_{200}^{(11)}m_{210}^{(21)}m_{004}^{(10)} + m_{200}^{(11)}m_{210}^{(22)}m_{112}^{(21)} - m_{200}^{(11)}m_{210}^{(22)}m_{013}^{(10)}\\
&-m_{200}^{(11)}m_{201}^{(11)}m_{112}^{(22)} + m_{200}^{(11)}m_{201}^{(11)}m_{013}^{(20)} + m_{200}^{(11)}m_{201}^{(21)}m_{121}^{(22)} + m_{200}^{(11)}m_{201}^{(21)}m_{112}^{(21)}\\
&-m_{200}^{(11)}m_{201}^{(21)}m_{022}^{(20)} - m_{200}^{(11)}m_{201}^{(21)}m_{013}^{(10)} - m_{200}^{(11)}m_{201}^{(22)}m_{121}^{(21)} + m_{200}^{(11)}m_{201}^{(22)}m_{022}^{(10)}\\
&-m_{200}^{(11)}m_{120}^{(10)}m_{103}^{(22)} + m_{200}^{(11)}m_{120}^{(10)}m_{004}^{(20)} + m_{200}^{(11)}m_{120}^{(20)}m_{103}^{(21)} - m_{200}^{(11)}m_{120}^{(20)}m_{004}^{(10)}\\
&+m_{200}^{(11)}m_{120}^{(21)}m_{202}^{(22)} - m_{200}^{(11)}m_{120}^{(21)}m_{103}^{(20)} - m_{200}^{(11)}m_{120}^{(22)}m_{202}^{(21)} + m_{200}^{(11)}m_{120}^{(22)}m_{103}^{(10)}\\
&+2m_{200}^{(11)}m_{111}^{(10)}m_{112}^{(22)} - 2m_{200}^{(11)}m_{111}^{(10)}m_{013}^{(20)} - 2m_{200}^{(11)}m_{111}^{(11)}m_{202}^{(22)} + 2m_{200}^{(11)}m_{111}^{(11)}m_{103}^{(20)}\\
&-2m_{200}^{(11)}m_{111}^{(20)}m_{112}^{(21)} + 2m_{200}^{(11)}m_{111}^{(20)}m_{013}^{(10)} + 2m_{200}^{(11)}m_{111}^{(21)}m_{202}^{(21)} - 2m_{200}^{(11)}m_{111}^{(21)}m_{103}^{(10)}\\
&-m_{200}^{(11)}m_{102}^{(10)}m_{121}^{(22)} + m_{200}^{(11)}m_{102}^{(10)}m_{022}^{(20)} + 2m_{200}^{(11)}m_{102}^{(11)}m_{211}^{(22)} - 2m_{200}^{(11)}m_{102}^{(11)}m_{112}^{(20)}\\
&+m_{200}^{(11)}m_{102}^{(20)}m_{121}^{(21)} - m_{200}^{(11)}m_{102}^{(20)}m_{022}^{(10)} - m_{200}^{(11)}m_{102}^{(21)}m_{220}^{(22)} - 2m_{200}^{(11)}m_{102}^{(21)}m_{211}^{(21)}\\
&+m_{200}^{(11)}m_{102}^{(21)}m_{121}^{(20)} + 2m_{200}^{(11)}m_{102}^{(21)}m_{112}^{(10)} + m_{200}^{(11)}m_{102}^{(22)}m_{220}^{(21)} - m_{200}^{(11)}m_{102}^{(22)}m_{121}^{(10)}\\
&+m_{200}^{(11)}m_{021}^{(10)}m_{202}^{(22)} - m_{200}^{(11)}m_{021}^{(10)}m_{103}^{(20)} - m_{200}^{(11)}m_{021}^{(20)}m_{202}^{(21)} + m_{200}^{(11)}m_{021}^{(20)}m_{103}^{(10)}\\
&-m_{200}^{(11)}m_{021}^{(21)}m_{301}^{(22)} + m_{200}^{(11)}m_{021}^{(21)}m_{202}^{(20)} + m_{200}^{(11)}m_{021}^{(22)}m_{301}^{(21)} - m_{200}^{(11)}m_{021}^{(22)}m_{202}^{(10)}\\
&-2m_{200}^{(11)}m_{012}^{(10)}m_{211}^{(22)} + 2m_{200}^{(11)}m_{012}^{(10)}m_{112}^{(20)} + m_{200}^{(11)}m_{012}^{(11)}m_{301}^{(22)} - m_{200}^{(11)}m_{012}^{(11)}m_{202}^{(20)}\\
&+2m_{200}^{(11)}m_{012}^{(20)}m_{211}^{(21)} - 2m_{200}^{(11)}m_{012}^{(20)}m_{112}^{(10)} + m_{200}^{(11)}m_{012}^{(21)}m_{310}^{(22)} - m_{200}^{(11)}m_{012}^{(21)}m_{301}^{(21)}\\
&-m_{200}^{(11)}m_{012}^{(21)}m_{211}^{(20)} + m_{200}^{(11)}m_{012}^{(21)}m_{202}^{(10)} - m_{200}^{(11)}m_{012}^{(22)}m_{310}^{(21)} + m_{200}^{(11)}m_{012}^{(22)}m_{211}^{(10)}\\
&+m_{200}^{(11)}m_{003}^{(10)}m_{220}^{(22)} - m_{200}^{(11)}m_{003}^{(10)}m_{121}^{(20)} - m_{200}^{(11)}m_{003}^{(11)}m_{310}^{(22)} + m_{200}^{(11)}m_{003}^{(11)}m_{211}^{(20)}\\
&-m_{200}^{(11)}m_{003}^{(20)}m_{220}^{(21)} + m_{200}^{(11)}m_{003}^{(20)}m_{121}^{(10)} + m_{200}^{(11)}m_{003}^{(21)}m_{310}^{(21)} - m_{200}^{(11)}m_{003}^{(21)}m_{211}^{(10)}\\
&+m_{200}^{(20)}m_{210}^{(11)}m_{022}^{(22)} - m_{200}^{(20)}m_{210}^{(11)}m_{013}^{(21)} - m_{200}^{(20)}m_{210}^{(21)}m_{031}^{(22)} + m_{200}^{(20)}m_{210}^{(21)}m_{013}^{(11)}\\
&+m_{200}^{(20)}m_{210}^{(22)}m_{031}^{(21)} - m_{200}^{(20)}m_{210}^{(22)}m_{022}^{(11)} - m_{200}^{(20)}m_{201}^{(11)}m_{031}^{(22)} + m_{200}^{(20)}m_{201}^{(11)}m_{022}^{(21)}\\
&+m_{200}^{(20)}m_{201}^{(21)}m_{040}^{(22)} - m_{200}^{(20)}m_{201}^{(21)}m_{022}^{(11)} - m_{200}^{(20)}m_{201}^{(22)}m_{040}^{(21)} + m_{200}^{(20)}m_{201}^{(22)}m_{031}^{(11)}\\
&-m_{200}^{(20)}m_{120}^{(10)}m_{022}^{(22)} + m_{200}^{(20)}m_{120}^{(10)}m_{013}^{(21)} - m_{200}^{(20)}m_{120}^{(11)}m_{112}^{(22)} + 2m_{200}^{(20)}m_{120}^{(11)}m_{103}^{(21)}\\
&-m_{200}^{(20)}m_{120}^{(11)}m_{013}^{(20)} + m_{200}^{(20)}m_{120}^{(20)}m_{022}^{(21)} - m_{200}^{(20)}m_{120}^{(20)}m_{013}^{(11)} + 2m_{200}^{(20)}m_{120}^{(21)}m_{121}^{(22)}\\
&-2m_{200}^{(20)}m_{120}^{(21)}m_{112}^{(21)} - 2m_{200}^{(20)}m_{120}^{(21)}m_{103}^{(11)} + m_{200}^{(20)}m_{120}^{(21)}m_{022}^{(20)} + m_{200}^{(20)}m_{120}^{(21)}m_{013}^{(10)}\\
&-2m_{200}^{(20)}m_{120}^{(22)}m_{121}^{(21)} + 3m_{200}^{(20)}m_{120}^{(22)}m_{112}^{(11)} - m_{200}^{(20)}m_{120}^{(22)}m_{022}^{(10)} + 2m_{200}^{(20)}m_{111}^{(10)}m_{031}^{(22)}\\
&-2m_{200}^{(20)}m_{111}^{(10)}m_{022}^{(21)} - 2m_{200}^{(20)}m_{111}^{(11)}m_{112}^{(21)} + 2m_{200}^{(20)}m_{111}^{(11)}m_{022}^{(20)} - 2m_{200}^{(20)}m_{111}^{(20)}m_{031}^{(21)}\\
&+2m_{200}^{(20)}m_{111}^{(20)}m_{022}^{(11)} - 2m_{200}^{(20)}m_{111}^{(21)}m_{130}^{(22)} + 4m_{200}^{(20)}m_{111}^{(21)}m_{121}^{(21)} + 2m_{200}^{(20)}m_{111}^{(21)}m_{112}^{(11)}\\
&-2m_{200}^{(20)}m_{111}^{(21)}m_{031}^{(20)} - 2m_{200}^{(20)}m_{111}^{(21)}m_{022}^{(10)} + 2m_{200}^{(20)}m_{111}^{(22)}m_{130}^{(21)} - 4m_{200}^{(20)}m_{111}^{(22)}m_{121}^{(11)}\\
&+2m_{200}^{(20)}m_{111}^{(22)}m_{031}^{(10)} - m_{200}^{(20)}m_{102}^{(10)}m_{040}^{(22)} + m_{200}^{(20)}m_{102}^{(10)}m_{031}^{(21)} + m_{200}^{(20)}m_{102}^{(11)}m_{130}^{(22)}\\
&-m_{200}^{(20)}m_{102}^{(11)}m_{031}^{(20)} + m_{200}^{(20)}m_{102}^{(20)}m_{040}^{(21)} - m_{200}^{(20)}m_{102}^{(20)}m_{031}^{(11)} - 2m_{200}^{(20)}m_{102}^{(21)}m_{130}^{(21)}\\
&+m_{200}^{(20)}m_{102}^{(21)}m_{040}^{(20)} + m_{200}^{(20)}m_{102}^{(21)}m_{031}^{(10)} + m_{200}^{(20)}m_{102}^{(22)}m_{130}^{(11)} - m_{200}^{(20)}m_{102}^{(22)}m_{040}^{(10)}\\
&+m_{200}^{(20)}m_{030}^{(10)}m_{112}^{(22)} - 2m_{200}^{(20)}m_{030}^{(10)}m_{103}^{(21)} + m_{200}^{(20)}m_{030}^{(10)}m_{013}^{(20)} - m_{200}^{(20)}m_{030}^{(20)}m_{112}^{(21)}\\
&+2m_{200}^{(20)}m_{030}^{(20)}m_{103}^{(11)} - m_{200}^{(20)}m_{030}^{(20)}m_{013}^{(10)} - m_{200}^{(20)}m_{030}^{(21)}m_{211}^{(22)} + 2m_{200}^{(20)}m_{030}^{(21)}m_{202}^{(21)}\\
&-m_{200}^{(20)}m_{030}^{(21)}m_{112}^{(20)} + m_{200}^{(20)}m_{030}^{(22)}m_{211}^{(21)} - 2m_{200}^{(20)}m_{030}^{(22)}m_{202}^{(11)} + m_{200}^{(20)}m_{030}^{(22)}m_{112}^{(10)}\\
&-2m_{200}^{(20)}m_{021}^{(10)}m_{121}^{(22)} + 5m_{200}^{(20)}m_{021}^{(10)}m_{112}^{(21)} - 3m_{200}^{(20)}m_{021}^{(10)}m_{022}^{(20)} + m_{200}^{(20)}m_{021}^{(11)}m_{211}^{(22)}\\
&-2m_{200}^{(20)}m_{021}^{(11)}m_{202}^{(21)} + m_{200}^{(20)}m_{021}^{(11)}m_{112}^{(20)} + 2m_{200}^{(20)}m_{021}^{(20)}m_{121}^{(21)} - 5m_{200}^{(20)}m_{021}^{(20)}m_{112}^{(11)}
\end{aligned}
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\begin{aligned}
&+3m_{200}^{(20)}m_{021}^{(20)}m_{022}^{(10)}+m_{200}^{(20)}m_{021}^{(21)}m_{220}^{(22)}-4m_{200}^{(20)}m_{021}^{(21)}m_{211}^{(21)}+2m_{200}^{(20)}m_{021}^{(21)}m_{202}^{(11)}\\
&+2m_{200}^{(20)}m_{021}^{(21)}m_{121}^{(20)}-m_{200}^{(20)}m_{021}^{(21)}m_{112}^{(10)}-m_{200}^{(20)}m_{021}^{(22)}m_{220}^{(21)}+3m_{200}^{(20)}m_{021}^{(22)}m_{211}^{(11)}\\
&-2m_{200}^{(20)}m_{021}^{(22)}m_{121}^{(10)}+m_{200}^{(20)}m_{012}^{(10)}m_{130}^{(22)}-4m_{200}^{(20)}m_{012}^{(10)}m_{121}^{(21)}+3m_{200}^{(20)}m_{012}^{(10)}m_{031}^{(20)}\\
&-m_{200}^{(20)}m_{012}^{(11)}m_{220}^{(22)}+3m_{200}^{(20)}m_{012}^{(11)}m_{211}^{(21)}-2m_{200}^{(20)}m_{012}^{(11)}m_{121}^{(20)}-m_{200}^{(20)}m_{012}^{(20)}m_{130}^{(21)}\\
&+4m_{200}^{(20)}m_{012}^{(20)}m_{121}^{(11)}-3m_{200}^{(20)}m_{012}^{(20)}m_{031}^{(10)}+2m_{200}^{(20)}m_{012}^{(21)}m_{220}^{(21)}-3m_{200}^{(20)}m_{012}^{(21)}m_{211}^{(11)}\\
&-m_{200}^{(20)}m_{012}^{(21)}m_{130}^{(20)}+2m_{200}^{(20)}m_{012}^{(21)}m_{121}^{(10)}-m_{200}^{(20)}m_{012}^{(22)}m_{220}^{(11)}+m_{200}^{(20)}m_{012}^{(22)}m_{130}^{(10)}\\
&+m_{200}^{(20)}m_{003}^{(10)}m_{130}^{(21)}-m_{200}^{(20)}m_{003}^{(10)}m_{040}^{(20)}-m_{200}^{(20)}m_{003}^{(11)}m_{220}^{(21)}+m_{200}^{(20)}m_{003}^{(11)}m_{130}^{(20)}\\
&-m_{200}^{(20)}m_{003}^{(20)}m_{130}^{(11)}+m_{200}^{(20)}m_{003}^{(20)}m_{040}^{(10)}+m_{200}^{(20)}m_{003}^{(21)}m_{220}^{(11)}-m_{200}^{(20)}m_{003}^{(21)}m_{130}^{(10)}\\
&-m_{200}^{(21)}m_{210}^{(11)}m_{112}^{(22)}-m_{200}^{(21)}m_{210}^{(11)}m_{103}^{(21)}+2m_{200}^{(21)}m_{210}^{(11)}m_{013}^{(20)}+m_{200}^{(21)}m_{210}^{(21)}m_{121}^{(22)}\\
&+2m_{200}^{(21)}m_{210}^{(21)}m_{112}^{(21)}+m_{200}^{(21)}m_{210}^{(21)}m_{103}^{(11)}-2m_{200}^{(21)}m_{210}^{(21)}m_{022}^{(20)}-2m_{200}^{(21)}m_{210}^{(21)}m_{013}^{(10)}\\
&-m_{200}^{(21)}m_{210}^{(22)}m_{121}^{(21)}-m_{200}^{(21)}m_{210}^{(22)}m_{112}^{(11)}+2m_{200}^{(21)}m_{210}^{(22)}m_{022}^{(10)}+m_{200}^{(21)}m_{201}^{(11)}m_{121}^{(22)}\\
&+m_{200}^{(21)}m_{201}^{(11)}m_{112}^{(21)}-2m_{200}^{(21)}m_{201}^{(11)}m_{022}^{(20)}-m_{200}^{(21)}m_{201}^{(21)}m_{130}^{(22)}-2m_{200}^{(21)}m_{201}^{(21)}m_{121}^{(21)}\\
&-m_{200}^{(21)}m_{201}^{(21)}m_{112}^{(11)}+2m_{200}^{(21)}m_{201}^{(21)}m_{031}^{(20)}+2m_{200}^{(21)}m_{201}^{(21)}m_{022}^{(10)}+m_{200}^{(21)}m_{201}^{(22)}m_{130}^{(21)}\\
&+m_{200}^{(21)}m_{201}^{(22)}m_{121}^{(11)}-2m_{200}^{(21)}m_{201}^{(22)}m_{031}^{(10)}+m_{200}^{(21)}m_{120}^{(10)}m_{112}^{(22)}+m_{200}^{(21)}m_{120}^{(10)}m_{103}^{(21)}\\
&-2m_{200}^{(21)}m_{120}^{(10)}m_{013}^{(20)}+m_{200}^{(21)}m_{120}^{(11)}m_{202}^{(22)}-m_{200}^{(21)}m_{120}^{(11)}m_{103}^{(20)}-m_{200}^{(21)}m_{120}^{(20)}m_{112}^{(21)}\\
&-m_{200}^{(21)}m_{120}^{(20)}m_{103}^{(11)}+2m_{200}^{(21)}m_{120}^{(20)}m_{013}^{(10)}-2m_{200}^{(21)}m_{120}^{(21)}m_{211}^{(22)}-2m_{200}^{(21)}m_{120}^{(21)}m_{202}^{(21)}\\
&+3m_{200}^{(21)}m_{120}^{(21)}m_{112}^{(20)}+m_{200}^{(21)}m_{120}^{(21)}m_{103}^{(10)}+2m_{200}^{(21)}m_{120}^{(22)}m_{211}^{(21)}+m_{200}^{(21)}m_{120}^{(22)}m_{202}^{(11)}\\
&-3m_{200}^{(21)}m_{120}^{(22)}m_{112}^{(10)}-2m_{200}^{(21)}m_{111}^{(21)}m_{121}^{(22)}-2m_{200}^{(21)}m_{111}^{(21)}m_{112}^{(21)}+4m_{200}^{(21)}m_{111}^{(10)}m_{022}^{(20)}\\
&+2m_{200}^{(21)}m_{111}^{(11)}m_{202}^{(21)}-2m_{200}^{(21)}m_{111}^{(11)}m_{112}^{(20)}+2m_{200}^{(21)}m_{111}^{(20)}m_{121}^{(21)}+2m_{200}^{(21)}m_{111}^{(20)}m_{112}^{(11)}\\
&-4m_{200}^{(21)}m_{111}^{(20)}m_{022}^{(10)}+2m_{200}^{(21)}m_{111}^{(21)}m_{220}^{(22)}-2m_{200}^{(21)}m_{111}^{(21)}m_{202}^{(11)}-2m_{200}^{(21)}m_{111}^{(21)}m_{121}^{(20)}\\
&+2m_{200}^{(21)}m_{111}^{(21)}m_{112}^{(10)}-2m_{200}^{(21)}m_{111}^{(22)}m_{220}^{(21)}+2m_{200}^{(21)}m_{111}^{(22)}m_{121}^{(10)}+m_{200}^{(21)}m_{102}^{(10)}m_{130}^{(22)}\\
&+m_{200}^{(21)}m_{102}^{(10)}m_{121}^{(21)}-2m_{200}^{(21)}m_{102}^{(10)}m_{031}^{(20)}-m_{200}^{(21)}m_{102}^{(11)}m_{220}^{(22)}-2m_{200}^{(21)}m_{102}^{(11)}m_{211}^{(21)}\\
&+3m_{200}^{(21)}m_{102}^{(11)}m_{121}^{(20)}-m_{200}^{(21)}m_{102}^{(20)}m_{130}^{(21)}-m_{200}^{(21)}m_{102}^{(20)}m_{121}^{(11)}+2m_{200}^{(21)}m_{102}^{(20)}m_{031}^{(10)}\\
&+2m_{200}^{(21)}m_{102}^{(21)}m_{220}^{(21)}+2m_{200}^{(21)}m_{102}^{(21)}m_{211}^{(11)}-m_{200}^{(21)}m_{102}^{(21)}m_{130}^{(20)}-3m_{200}^{(21)}m_{102}^{(21)}m_{121}^{(10)}\\
&-m_{200}^{(21)}m_{102}^{(22)}m_{220}^{(11)}+m_{200}^{(21)}m_{102}^{(22)}m_{130}^{(10)}-m_{200}^{(21)}m_{030}^{(10)}m_{202}^{(22)}+m_{200}^{(21)}m_{030}^{(10)}m_{103}^{(20)}\\
&+m_{200}^{(21)}m_{030}^{(20)}m_{202}^{(21)}-m_{200}^{(21)}m_{030}^{(20)}m_{103}^{(10)}+m_{200}^{(21)}m_{030}^{(21)}m_{301}^{(22)}-m_{200}^{(21)}m_{030}^{(21)}m_{202}^{(20)}\\
&-m_{200}^{(21)}m_{030}^{(22)}m_{301}^{(21)}+m_{200}^{(21)}m_{030}^{(22)}m_{202}^{(10)}+2m_{200}^{(21)}m_{021}^{(10)}m_{211}^{(22)}-m_{200}^{(21)}m_{021}^{(10)}m_{202}^{(21)}\\
&-m_{200}^{(21)}m_{021}^{(10)}m_{112}^{(20)}-m_{200}^{(21)}m_{021}^{(11)}m_{301}^{(22)}+m_{200}^{(21)}m_{021}^{(11)}m_{202}^{(20)}-2m_{200}^{(21)}m_{021}^{(20)}m_{211}^{(21)}\\
&+m_{200}^{(21)}m_{021}^{(20)}m_{202}^{(11)}+m_{200}^{(21)}m_{021}^{(20)}m_{112}^{(10)}-m_{200}^{(21)}m_{021}^{(21)}m_{310}^{(22)}+2m_{200}^{(21)}m_{021}^{(21)}m_{301}^{(21)}\\
&-m_{200}^{(21)}m_{021}^{(21)}m_{202}^{(10)}+m_{200}^{(21)}m_{021}^{(22)}m_{310}^{(21)}-m_{200}^{(21)}m_{021}^{(22)}m_{301}^{(11)}-m_{200}^{(21)}m_{012}^{(10)}m_{220}^{(22)}\\
&+2m_{200}^{(21)}m_{012}^{(10)}m_{211}^{(21)}-m_{200}^{(21)}m_{012}^{(10)}m_{121}^{(20)}+m_{200}^{(21)}m_{012}^{(11)}m_{310}^{(22)}-m_{200}^{(21)}m_{012}^{(11)}m_{301}^{(21)}\\
&+m_{200}^{(21)}m_{012}^{(20)}m_{220}^{(21)}-2m_{200}^{(21)}m_{012}^{(20)}m_{211}^{(11)}+m_{200}^{(21)}m_{012}^{(20)}m_{121}^{(10)}-2m_{200}^{(21)}m_{012}^{(21)}m_{310}^{(21)}\\
&+m_{200}^{(21)}m_{012}^{(21)}m_{301}^{(11)}+m_{200}^{(21)}m_{012}^{(21)}m_{220}^{(20)}+m_{200}^{(21)}m_{012}^{(22)}m_{310}^{(11)}-m_{200}^{(21)}m_{012}^{(22)}m_{220}^{(10)}\\
&-m_{200}^{(21)}m_{003}^{(10)}m_{220}^{(21)}+m_{200}^{(21)}m_{003}^{(10)}m_{130}^{(20)}+m_{200}^{(21)}m_{003}^{(11)}m_{310}^{(21)}-m_{200}^{(21)}m_{003}^{(11)}m_{220}^{(20)}\\
&+m_{200}^{(21)}m_{003}^{(20)}m_{220}^{(11)}-m_{200}^{(21)}m_{003}^{(20)}m_{130}^{(10)}-m_{200}^{(21)}m_{003}^{(21)}m_{310}^{(11)}+m_{200}^{(21)}m_{003}^{(21)}m_{220}^{(10)}\\
&+m_{200}^{(22)}m_{210}^{(11)}m_{112}^{(21)}-m_{200}^{(22)}m_{210}^{(11)}m_{022}^{(20)}-m_{200}^{(22)}m_{210}^{(21)}m_{121}^{(21)}-m_{200}^{(22)}m_{210}^{(21)}m_{112}^{(11)}\\
&+m_{200}^{(22)}m_{210}^{(21)}m_{031}^{(20)}+m_{200}^{(22)}m_{210}^{(21)}m_{022}^{(10)}+m_{200}^{(22)}m_{210}^{(22)}m_{121}^{(11)}-m_{200}^{(22)}m_{210}^{(22)}m_{031}^{(10)}\\
&-m_{200}^{(22)}m_{201}^{(11)}m_{121}^{(21)}+m_{200}^{(22)}m_{201}^{(11)}m_{031}^{(20)}+m_{200}^{(22)}m_{201}^{(21)}m_{130}^{(21)}+m_{200}^{(22)}m_{201}^{(21)}m_{121}^{(11)}
\end{aligned}
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\begin{aligned}
&-m_{200}^{(22)}m_{201}^{(21)}m_{040}^{(20)} - m_{200}^{(22)}m_{201}^{(21)}m_{031}^{(10)} - m_{200}^{(22)}m_{201}^{(22)}m_{130}^{(11)} + m_{200}^{(22)}m_{201}^{(22)}m_{040}^{(10)}\\
&-m_{200}^{(22)}m_{120}^{(10)}m_{112}^{(21)} + m_{200}^{(22)}m_{120}^{(10)}m_{022}^{(20)} - m_{200}^{(22)}m_{120}^{(11)}m_{202}^{(21)} + m_{200}^{(22)}m_{120}^{(11)}m_{112}^{(20)}\\
&+m_{200}^{(22)}m_{120}^{(20)}m_{112}^{(11)} - m_{200}^{(22)}m_{120}^{(20)}m_{022}^{(10)} + 2m_{200}^{(22)}m_{120}^{(21)}m_{211}^{(21)} + m_{200}^{(22)}m_{120}^{(21)}m_{202}^{(11)}\\
&-2m_{200}^{(22)}m_{120}^{(21)}m_{121}^{(20)} - m_{200}^{(22)}m_{120}^{(21)}m_{112}^{(10)} - 2m_{200}^{(22)}m_{120}^{(22)}m_{211}^{(11)} + 2m_{200}^{(22)}m_{120}^{(22)}m_{121}^{(10)}\\
&+2m_{200}^{(22)}m_{111}^{(10)}m_{121}^{(21)} - 2m_{200}^{(22)}m_{111}^{(10)}m_{031}^{(20)} - 2m_{200}^{(22)}m_{111}^{(20)}m_{121}^{(11)} + 2m_{200}^{(22)}m_{111}^{(20)}m_{031}^{(10)}\\
&-2m_{200}^{(22)}m_{111}^{(21)}m_{220}^{(21)} + 2m_{200}^{(22)}m_{111}^{(21)}m_{130}^{(20)} + 2m_{200}^{(22)}m_{111}^{(22)}m_{220}^{(11)} - 2m_{200}^{(22)}m_{111}^{(22)}m_{130}^{(10)}\\
&-m_{200}^{(22)}m_{102}^{(10)}m_{130}^{(21)} + m_{200}^{(22)}m_{102}^{(10)}m_{040}^{(20)} + m_{200}^{(22)}m_{102}^{(11)}m_{220}^{(21)} - m_{200}^{(22)}m_{102}^{(11)}m_{130}^{(20)}\\
&+m_{200}^{(22)}m_{102}^{(20)}m_{130}^{(11)} - m_{200}^{(22)}m_{102}^{(20)}m_{040}^{(10)} - m_{200}^{(22)}m_{102}^{(21)}m_{220}^{(11)} + m_{200}^{(22)}m_{102}^{(21)}m_{130}^{(10)}\\
&+m_{200}^{(22)}m_{030}^{(10)}m_{202}^{(21)} - m_{200}^{(22)}m_{030}^{(10)}m_{112}^{(20)} - m_{200}^{(22)}m_{030}^{(20)}m_{202}^{(11)} + m_{200}^{(22)}m_{030}^{(20)}m_{112}^{(10)}\\
&-m_{200}^{(22)}m_{030}^{(21)}m_{301}^{(21)} + m_{200}^{(22)}m_{030}^{(21)}m_{211}^{(20)} + m_{200}^{(22)}m_{030}^{(22)}m_{301}^{(11)} - m_{200}^{(22)}m_{030}^{(22)}m_{211}^{(10)}\\
&-2m_{200}^{(22)}m_{021}^{(10)}m_{211}^{(21)} + 2m_{200}^{(22)}m_{021}^{(10)}m_{121}^{(20)} + m_{200}^{(22)}m_{021}^{(11)}m_{301}^{(21)} - m_{200}^{(22)}m_{021}^{(11)}m_{211}^{(20)}\\
&+2m_{200}^{(22)}m_{021}^{(20)}m_{211}^{(11)} - 2m_{200}^{(22)}m_{021}^{(20)}m_{121}^{(10)} + m_{200}^{(22)}m_{021}^{(21)}m_{310}^{(21)} - m_{200}^{(22)}m_{021}^{(21)}m_{301}^{(11)}\\
&-m_{200}^{(22)}m_{021}^{(21)}m_{220}^{(20)} + m_{200}^{(22)}m_{021}^{(21)}m_{211}^{(10)} - m_{200}^{(22)}m_{021}^{(22)}m_{310}^{(11)} + m_{200}^{(22)}m_{021}^{(22)}m_{220}^{(10)}\\
&+m_{200}^{(22)}m_{012}^{(10)}m_{220}^{(21)} - m_{200}^{(22)}m_{012}^{(10)}m_{130}^{(20)} - m_{200}^{(22)}m_{012}^{(11)}m_{310}^{(21)} + m_{200}^{(22)}m_{012}^{(11)}m_{220}^{(20)}\\
&-m_{200}^{(22)}m_{012}^{(20)}m_{220}^{(11)} + m_{200}^{(22)}m_{012}^{(20)}m_{130}^{(10)} + m_{200}^{(22)}m_{012}^{(21)}m_{310}^{(11)} - m_{200}^{(22)}m_{012}^{(21)}m_{220}^{(10)}\\
&-m_{110}^{(00)}m_{210}^{(11)}m_{013}^{(22)} + m_{110}^{(00)}m_{210}^{(11)}m_{004}^{(21)} + m_{110}^{(00)}m_{210}^{(21)}m_{022}^{(22)} - m_{110}^{(00)}m_{210}^{(21)}m_{004}^{(11)}\\
&-m_{110}^{(00)}m_{210}^{(22)}m_{022}^{(21)} + m_{110}^{(00)}m_{210}^{(22)}m_{013}^{(11)} + m_{110}^{(00)}m_{201}^{(11)}m_{022}^{(22)} - m_{110}^{(00)}m_{201}^{(11)}m_{013}^{(21)}\\
&-m_{110}^{(00)}m_{201}^{(21)}m_{031}^{(22)} + m_{110}^{(00)}m_{201}^{(21)}m_{013}^{(11)} + m_{110}^{(00)}m_{201}^{(22)}m_{031}^{(21)} - m_{110}^{(00)}m_{201}^{(22)}m_{022}^{(11)}\\
&+m_{110}^{(00)}m_{120}^{(20)}m_{022}^{(22)} - 2m_{110}^{(00)}m_{120}^{(20)}m_{013}^{(21)} + m_{110}^{(00)}m_{120}^{(20)}m_{004}^{(11)} - m_{110}^{(00)}m_{120}^{(21)}m_{112}^{(22)}\\
&+m_{110}^{(00)}m_{120}^{(21)}m_{103}^{(21)} + m_{110}^{(00)}m_{120}^{(21)}m_{013}^{(20)} - m_{110}^{(00)}m_{120}^{(21)}m_{004}^{(10)} + m_{110}^{(00)}m_{120}^{(22)}m_{112}^{(21)}\\
&-m_{110}^{(00)}m_{120}^{(22)}m_{103}^{(11)} - m_{110}^{(00)}m_{120}^{(22)}m_{022}^{(20)} + m_{110}^{(00)}m_{120}^{(22)}m_{013}^{(10)} + 2m_{110}^{(00)}m_{111}^{(11)}m_{112}^{(22)}\\
&-2m_{110}^{(00)}m_{111}^{(11)}m_{103}^{(21)} - 2m_{110}^{(00)}m_{111}^{(20)}m_{031}^{(22)} + 4m_{110}^{(00)}m_{111}^{(20)}m_{022}^{(21)} - 2m_{110}^{(00)}m_{111}^{(20)}m_{013}^{(11)}\\
&-2m_{110}^{(00)}m_{111}^{(21)}m_{112}^{(21)} + 2m_{110}^{(00)}m_{111}^{(21)}m_{103}^{(11)} - 2m_{110}^{(00)}m_{111}^{(21)}m_{022}^{(20)} + 2m_{110}^{(00)}m_{111}^{(21)}m_{013}^{(10)}\\
&+2m_{110}^{(00)}m_{111}^{(22)}m_{031}^{(20)} - 2m_{110}^{(00)}m_{111}^{(22)}m_{022}^{(10)} - 2m_{110}^{(00)}m_{102}^{(11)}m_{121}^{(22)} + 2m_{110}^{(00)}m_{102}^{(11)}m_{112}^{(21)}\\
&+m_{110}^{(00)}m_{102}^{(20)}m_{040}^{(22)} - 2m_{110}^{(00)}m_{102}^{(20)}m_{031}^{(21)} + m_{110}^{(00)}m_{102}^{(20)}m_{022}^{(11)} + m_{110}^{(00)}m_{102}^{(21)}m_{130}^{(22)}\\
&+m_{110}^{(00)}m_{102}^{(21)}m_{121}^{(21)} - 2m_{110}^{(00)}m_{102}^{(21)}m_{112}^{(11)} + m_{110}^{(00)}m_{102}^{(21)}m_{031}^{(20)} - m_{110}^{(00)}m_{102}^{(21)}m_{022}^{(10)}\\
&-m_{110}^{(00)}m_{102}^{(22)}m_{130}^{(21)} + m_{110}^{(00)}m_{102}^{(22)}m_{121}^{(11)} - m_{110}^{(00)}m_{102}^{(22)}m_{040}^{(20)} + m_{110}^{(00)}m_{102}^{(22)}m_{031}^{(10)}\\
&+m_{110}^{(00)}m_{030}^{(00)}m_{013}^{(22)} - m_{110}^{(00)}m_{030}^{(00)}m_{004}^{(21)} - m_{110}^{(00)}m_{030}^{(20)}m_{112}^{(22)} + m_{110}^{(00)}m_{030}^{(20)}m_{103}^{(21)}\\
&-m_{110}^{(00)}m_{030}^{(20)}m_{013}^{(20)} + m_{110}^{(00)}m_{030}^{(20)}m_{004}^{(10)} + m_{110}^{(00)}m_{030}^{(22)}m_{112}^{(20)} - m_{110}^{(00)}m_{030}^{(22)}m_{103}^{(10)}\\
&-3m_{110}^{(00)}m_{021}^{(00)}m_{022}^{(22)} + 3m_{110}^{(00)}m_{021}^{(00)}m_{013}^{(21)} + 2m_{110}^{(00)}m_{021}^{(20)}m_{121}^{(22)} - m_{110}^{(00)}m_{021}^{(20)}m_{112}^{(21)}\\
&-m_{110}^{(00)}m_{021}^{(20)}m_{103}^{(11)} + 3m_{110}^{(00)}m_{021}^{(20)}m_{022}^{(20)} - 3m_{110}^{(00)}m_{021}^{(20)}m_{013}^{(10)} + m_{110}^{(00)}m_{021}^{(21)}m_{211}^{(22)}\\
&-m_{110}^{(00)}m_{021}^{(21)}m_{202}^{(21)} - m_{110}^{(00)}m_{021}^{(21)}m_{112}^{(20)} + m_{110}^{(00)}m_{021}^{(21)}m_{103}^{(10)} - m_{110}^{(00)}m_{021}^{(22)}m_{211}^{(21)}\\
&+m_{110}^{(00)}m_{021}^{(22)}m_{202}^{(11)} - 2m_{110}^{(00)}m_{021}^{(22)}m_{121}^{(20)} + 2m_{110}^{(00)}m_{021}^{(22)}m_{112}^{(10)} + 3m_{110}^{(00)}m_{012}^{(00)}m_{031}^{(22)}\\
&-3m_{110}^{(00)}m_{012}^{(00)}m_{022}^{(21)} - m_{110}^{(00)}m_{012}^{(11)}m_{211}^{(22)} + m_{110}^{(00)}m_{012}^{(11)}m_{202}^{(21)} - m_{110}^{(00)}m_{012}^{(20)}m_{130}^{(22)}\\
&-m_{110}^{(00)}m_{012}^{(20)}m_{121}^{(21)} + 2m_{110}^{(00)}m_{012}^{(20)}m_{112}^{(11)} - 3m_{110}^{(00)}m_{012}^{(20)}m_{031}^{(20)} + 3m_{110}^{(00)}m_{012}^{(20)}m_{022}^{(10)}\\
&-m_{110}^{(00)}m_{012}^{(21)}m_{220}^{(22)} + 2m_{110}^{(00)}m_{012}^{(21)}m_{211}^{(21)} - m_{110}^{(00)}m_{012}^{(21)}m_{202}^{(11)} + 2m_{110}^{(00)}m_{012}^{(21)}m_{121}^{(20)}\\
&-2m_{110}^{(00)}m_{012}^{(21)}m_{112}^{(10)} + m_{110}^{(00)}m_{012}^{(22)}m_{220}^{(21)} - m_{110}^{(00)}m_{012}^{(22)}m_{211}^{(11)} + m_{110}^{(00)}m_{012}^{(22)}m_{130}^{(20)}\\
&-m_{110}^{(00)}m_{012}^{(22)}m_{121}^{(10)} - m_{110}^{(00)}m_{003}^{(00)}m_{040}^{(22)} + m_{110}^{(00)}m_{003}^{(00)}m_{031}^{(21)} + m_{110}^{(00)}m_{003}^{(11)}m_{220}^{(22)}
\end{aligned}
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\begin{aligned}
&-m_{110}^{(00)}m_{003}^{(11)}m_{211}^{(21)}+m_{110}^{(00)}m_{003}^{(20)}m_{130}^{(21)}-m_{110}^{(00)}m_{003}^{(20)}m_{121}^{(11)}+m_{110}^{(00)}m_{003}^{(20)}m_{040}^{(20)}\\
&-m_{110}^{(00)}m_{003}^{(20)}m_{031}^{(10)}-m_{110}^{(00)}m_{003}^{(21)}m_{220}^{(21)}+m_{110}^{(00)}m_{003}^{(21)}m_{211}^{(11)}-m_{110}^{(00)}m_{003}^{(21)}m_{130}^{(20)}\\
&+m_{110}^{(00)}m_{003}^{(21)}m_{121}^{(10)}+m_{110}^{(10)}m_{300}^{(11)}m_{013}^{(22)}-m_{110}^{(10)}m_{300}^{(11)}m_{004}^{(21)}-m_{110}^{(10)}m_{300}^{(21)}m_{022}^{(22)}\\
&+m_{110}^{(10)}m_{300}^{(21)}m_{004}^{(11)}+m_{110}^{(10)}m_{300}^{(22)}m_{022}^{(21)}-m_{110}^{(10)}m_{300}^{(22)}m_{013}^{(11)}+m_{110}^{(10)}m_{210}^{(11)}m_{103}^{(22)}\\
&-m_{110}^{(10)}m_{210}^{(11)}m_{004}^{(20)}-m_{110}^{(10)}m_{210}^{(20)}m_{022}^{(22)}+2m_{110}^{(10)}m_{210}^{(20)}m_{013}^{(21)}-m_{110}^{(10)}m_{210}^{(20)}m_{004}^{(11)}\\
&-2m_{110}^{(10)}m_{210}^{(21)}m_{103}^{(21)}+2m_{110}^{(10)}m_{210}^{(21)}m_{004}^{(10)}+m_{110}^{(10)}m_{210}^{(22)}m_{103}^{(11)}+m_{110}^{(10)}m_{210}^{(22)}m_{022}^{(20)}\\
&-2m_{110}^{(10)}m_{210}^{(22)}m_{013}^{(10)}-4m_{110}^{(10)}m_{201}^{(11)}m_{112}^{(22)}+3m_{110}^{(10)}m_{201}^{(11)}m_{103}^{(21)}+m_{110}^{(10)}m_{201}^{(11)}m_{013}^{(20)}\\
&+m_{110}^{(10)}m_{201}^{(20)}m_{031}^{(22)}-2m_{110}^{(10)}m_{201}^{(20)}m_{022}^{(21)}+m_{110}^{(10)}m_{201}^{(20)}m_{013}^{(11)}+3m_{110}^{(10)}m_{201}^{(21)}m_{121}^{(22)}\\
&+2m_{110}^{(10)}m_{201}^{(21)}m_{112}^{(21)}-3m_{110}^{(10)}m_{201}^{(21)}m_{103}^{(11)}-2m_{110}^{(10)}m_{201}^{(21)}m_{013}^{(10)}-3m_{110}^{(10)}m_{201}^{(22)}m_{121}^{(21)}\\
&+2m_{110}^{(10)}m_{201}^{(22)}m_{112}^{(11)}-m_{110}^{(10)}m_{201}^{(22)}m_{031}^{(20)}+2m_{110}^{(10)}m_{201}^{(22)}m_{022}^{(10)}-m_{110}^{(10)}m_{120}^{(00)}m_{013}^{(22)}\\
&+m_{110}^{(10)}m_{120}^{(00)}m_{004}^{(21)}+2m_{110}^{(10)}m_{120}^{(20)}m_{013}^{(20)}-2m_{110}^{(10)}m_{120}^{(20)}m_{004}^{(10)}+m_{110}^{(10)}m_{120}^{(21)}m_{202}^{(22)}\\
&-2m_{110}^{(10)}m_{120}^{(21)}m_{103}^{(20)}+m_{110}^{(10)}m_{120}^{(21)}m_{004}^{(00)}-m_{110}^{(10)}m_{120}^{(22)}m_{202}^{(21)}+2m_{110}^{(10)}m_{120}^{(22)}m_{103}^{(10)}\\
&-m_{110}^{(10)}m_{120}^{(22)}m_{013}^{(00)}+2m_{110}^{(10)}m_{111}^{(00)}m_{022}^{(22)}-2m_{110}^{(10)}m_{111}^{(00)}m_{013}^{(21)}-2m_{110}^{(10)}m_{111}^{(11)}m_{202}^{(22)}\\
&+2m_{110}^{(10)}m_{111}^{(11)}m_{103}^{(20)}+2m_{110}^{(10)}m_{111}^{(20)}m_{121}^{(22)}-4m_{110}^{(10)}m_{111}^{(20)}m_{112}^{(21)}+2m_{110}^{(10)}m_{111}^{(20)}m_{103}^{(11)}\\
&-4m_{110}^{(10)}m_{111}^{(20)}m_{022}^{(20)}+4m_{110}^{(10)}m_{111}^{(20)}m_{013}^{(10)}-2m_{110}^{(10)}m_{111}^{(21)}m_{211}^{(22)}+4m_{110}^{(10)}m_{111}^{(21)}m_{202}^{(21)}\\
&+4m_{110}^{(10)}m_{111}^{(21)}m_{112}^{(20)}-4m_{110}^{(10)}m_{111}^{(21)}m_{103}^{(10)}-2m_{110}^{(10)}m_{111}^{(21)}m_{013}^{(00)}+2m_{110}^{(10)}m_{111}^{(22)}m_{211}^{(21)}\\
&-2m_{110}^{(10)}m_{111}^{(22)}m_{202}^{(11)}-2m_{110}^{(10)}m_{111}^{(22)}m_{121}^{(20)}+2m_{110}^{(10)}m_{111}^{(22)}m_{022}^{(00)}-m_{110}^{(10)}m_{102}^{(00)}m_{031}^{(22)}\\
&+m_{110}^{(10)}m_{102}^{(00)}m_{022}^{(21)}+5m_{110}^{(10)}m_{102}^{(11)}m_{211}^{(22)}-3m_{110}^{(10)}m_{102}^{(11)}m_{202}^{(21)}-2m_{110}^{(10)}m_{102}^{(11)}m_{112}^{(20)}\\
&-2m_{110}^{(10)}m_{102}^{(20)}m_{130}^{(22)}+4m_{110}^{(10)}m_{102}^{(20)}m_{121}^{(21)}-2m_{110}^{(10)}m_{102}^{(20)}m_{112}^{(11)}+2m_{110}^{(10)}m_{102}^{(20)}m_{031}^{(20)}\\
&-2m_{110}^{(10)}m_{102}^{(20)}m_{022}^{(10)}-2m_{110}^{(10)}m_{102}^{(21)}m_{220}^{(22)}-4m_{110}^{(10)}m_{102}^{(21)}m_{211}^{(21)}+3m_{110}^{(10)}m_{102}^{(21)}m_{202}^{(11)}\\
&-2m_{110}^{(10)}m_{102}^{(21)}m_{121}^{(20)}+4m_{110}^{(10)}m_{102}^{(21)}m_{112}^{(10)}+m_{110}^{(10)}m_{102}^{(21)}m_{022}^{(00)}+2m_{110}^{(10)}m_{102}^{(22)}m_{220}^{(21)}\\
&-m_{110}^{(10)}m_{102}^{(22)}m_{211}^{(11)}+2m_{110}^{(10)}m_{102}^{(22)}m_{130}^{(20)}-2m_{110}^{(10)}m_{102}^{(22)}m_{121}^{(10)}-m_{110}^{(10)}m_{102}^{(22)}m_{031}^{(00)}\\
&-m_{110}^{(10)}m_{030}^{(00)}m_{103}^{(22)}+m_{110}^{(10)}m_{030}^{(00)}m_{004}^{(20)}+m_{110}^{(10)}m_{030}^{(20)}m_{202}^{(22)}-m_{110}^{(10)}m_{030}^{(20)}m_{004}^{(00)}\\
&-m_{110}^{(10)}m_{030}^{(22)}m_{202}^{(20)}+m_{110}^{(10)}m_{030}^{(22)}m_{103}^{(00)}+4m_{110}^{(10)}m_{021}^{(00)}m_{112}^{(22)}-m_{110}^{(10)}m_{021}^{(00)}m_{103}^{(21)}\\
&-3m_{110}^{(10)}m_{021}^{(00)}m_{013}^{(20)}-3m_{110}^{(10)}m_{021}^{(20)}m_{211}^{(22)}-2m_{110}^{(10)}m_{021}^{(20)}m_{112}^{(20)}+2m_{110}^{(10)}m_{021}^{(20)}m_{103}^{(10)}\\
&+3m_{110}^{(10)}m_{021}^{(20)}m_{013}^{(00)}-m_{110}^{(10)}m_{021}^{(21)}m_{301}^{(22)}+2m_{110}^{(10)}m_{021}^{(21)}m_{202}^{(20)}-m_{110}^{(10)}m_{021}^{(21)}m_{103}^{(00)}\\
&+m_{110}^{(10)}m_{021}^{(22)}m_{301}^{(21)}+3m_{110}^{(10)}m_{021}^{(22)}m_{211}^{(20)}-2m_{110}^{(10)}m_{021}^{(22)}m_{202}^{(10)}-2m_{110}^{(10)}m_{021}^{(22)}m_{112}^{(00)}\\
&-5m_{110}^{(10)}m_{012}^{(00)}m_{121}^{(22)}+2m_{110}^{(10)}m_{012}^{(00)}m_{112}^{(21)}+3m_{110}^{(10)}m_{012}^{(00)}m_{022}^{(20)}+m_{110}^{(10)}m_{012}^{(11)}m_{301}^{(22)}\\
&-m_{110}^{(10)}m_{012}^{(11)}m_{202}^{(20)}+2m_{110}^{(10)}m_{012}^{(20)}m_{220}^{(22)}+2m_{110}^{(10)}m_{012}^{(20)}m_{211}^{(21)}-m_{110}^{(10)}m_{012}^{(20)}m_{202}^{(11)}\\
&+4m_{110}^{(10)}m_{012}^{(20)}m_{121}^{(20)}-4m_{110}^{(10)}m_{012}^{(20)}m_{112}^{(10)}-3m_{110}^{(10)}m_{012}^{(20)}m_{022}^{(00)}+2m_{110}^{(10)}m_{012}^{(21)}m_{310}^{(22)}\\
&-2m_{110}^{(10)}m_{012}^{(21)}m_{301}^{(21)}-4m_{110}^{(10)}m_{012}^{(21)}m_{211}^{(20)}+2m_{110}^{(10)}m_{012}^{(21)}m_{202}^{(10)}+2m_{110}^{(10)}m_{012}^{(21)}m_{112}^{(00)}\\
&-2m_{110}^{(10)}m_{012}^{(22)}m_{310}^{(21)}+m_{110}^{(10)}m_{012}^{(22)}m_{301}^{(11)}-2m_{110}^{(10)}m_{012}^{(22)}m_{220}^{(20)}+2m_{110}^{(10)}m_{012}^{(22)}m_{211}^{(10)}\\
&+m_{110}^{(10)}m_{012}^{(22)}m_{121}^{(00)}+2m_{110}^{(10)}m_{003}^{(00)}m_{130}^{(22)}-m_{110}^{(10)}m_{003}^{(00)}m_{121}^{(21)}-m_{110}^{(10)}m_{003}^{(00)}m_{031}^{(20)}\\
&-2m_{110}^{(10)}m_{003}^{(11)}m_{310}^{(22)}+m_{110}^{(10)}m_{003}^{(11)}m_{301}^{(21)}+m_{110}^{(10)}m_{003}^{(11)}m_{211}^{(20)}-2m_{110}^{(10)}m_{003}^{(20)}m_{220}^{(21)}\\
&+m_{110}^{(10)}m_{003}^{(20)}m_{211}^{(11)}-2m_{110}^{(10)}m_{003}^{(20)}m_{130}^{(20)}+2m_{110}^{(10)}m_{003}^{(20)}m_{121}^{(10)}+m_{110}^{(10)}m_{003}^{(20)}m_{031}^{(00)}\\
&+2m_{110}^{(10)}m_{003}^{(21)}m_{310}^{(21)}-m_{110}^{(10)}m_{003}^{(21)}m_{301}^{(11)}+2m_{110}^{(10)}m_{003}^{(21)}m_{220}^{(20)}-2m_{110}^{(10)}m_{003}^{(21)}m_{211}^{(10)}\\
&-m_{110}^{(10)}m_{003}^{(21)}m_{121}^{(00)}-m_{110}^{(11)}m_{300}^{(11)}m_{103}^{(22)}+m_{110}^{(11)}m_{300}^{(11)}m_{004}^{(20)}+m_{110}^{(11)}m_{300}^{(21)}m_{112}^{(22)}\\
&+m_{110}^{(11)}m_{300}^{(21)}m_{103}^{(21)}-m_{110}^{(11)}m_{300}^{(21)}m_{013}^{(20)}-m_{110}^{(11)}m_{300}^{(21)}m_{004}^{(10)}-m_{110}^{(11)}m_{300}^{(22)}m_{112}^{(21)}
\end{aligned}
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\begin{aligned}
&+m_{110}^{(11)}m_{300}^{(22)}m_{013}^{(10)}+m_{110}^{(11)}m_{210}^{(20)}m_{112}^{(22)}-m_{110}^{(11)}m_{210}^{(20)}m_{103}^{(21)}-m_{110}^{(11)}m_{210}^{(20)}m_{013}^{(20)}\\
&+m_{110}^{(11)}m_{210}^{(20)}m_{004}^{(10)}-m_{110}^{(11)}m_{210}^{(21)}m_{202}^{(22)}+2m_{110}^{(11)}m_{210}^{(21)}m_{103}^{(20)}-m_{110}^{(11)}m_{210}^{(21)}m_{004}^{(00)}\\
&+m_{110}^{(11)}m_{210}^{(22)}m_{202}^{(21)}-m_{110}^{(11)}m_{210}^{(22)}m_{112}^{(20)}-m_{110}^{(11)}m_{210}^{(22)}m_{103}^{(10)}+m_{110}^{(11)}m_{210}^{(22)}m_{013}^{(00)}\\
&+3m_{110}^{(11)}m_{201}^{(11)}m_{202}^{(22)}-3m_{110}^{(11)}m_{201}^{(11)}m_{103}^{(20)}-m_{110}^{(11)}m_{201}^{(20)}m_{121}^{(22)}+m_{110}^{(11)}m_{201}^{(20)}m_{112}^{(21)}\\
&+m_{110}^{(11)}m_{201}^{(20)}m_{022}^{(20)}-m_{110}^{(11)}m_{201}^{(20)}m_{013}^{(10)}-2m_{110}^{(11)}m_{201}^{(21)}m_{211}^{(22)}-3m_{110}^{(11)}m_{201}^{(21)}m_{202}^{(21)}\\
&+m_{110}^{(11)}m_{201}^{(21)}m_{112}^{(20)}+3m_{110}^{(11)}m_{201}^{(21)}m_{103}^{(10)}+m_{110}^{(11)}m_{201}^{(21)}m_{013}^{(00)}+2m_{110}^{(11)}m_{201}^{(22)}m_{211}^{(21)}\\
&+m_{110}^{(11)}m_{201}^{(22)}m_{121}^{(20)}-2m_{110}^{(11)}m_{201}^{(22)}m_{112}^{(10)}-m_{110}^{(11)}m_{201}^{(22)}m_{022}^{(00)}+m_{110}^{(11)}m_{120}^{(00)}m_{103}^{(22)}\\
&-m_{110}^{(11)}m_{120}^{(00)}m_{004}^{(20)}-m_{110}^{(11)}m_{120}^{(20)}m_{202}^{(22)}+m_{110}^{(11)}m_{120}^{(20)}m_{004}^{(00)}+m_{110}^{(11)}m_{120}^{(22)}m_{202}^{(20)}\\
&-m_{110}^{(11)}m_{120}^{(22)}m_{103}^{(00)}-2m_{110}^{(11)}m_{111}^{(00)}m_{112}^{(22)}+2m_{110}^{(11)}m_{111}^{(00)}m_{013}^{(20)}+2m_{110}^{(11)}m_{111}^{(20)}m_{202}^{(21)}\\
&+2m_{110}^{(11)}m_{111}^{(20)}m_{112}^{(20)}-2m_{110}^{(11)}m_{111}^{(20)}m_{103}^{(10)}-2m_{110}^{(11)}m_{111}^{(20)}m_{013}^{(00)}+2m_{110}^{(11)}m_{111}^{(21)}m_{301}^{(22)}\\
&-4m_{110}^{(11)}m_{111}^{(21)}m_{202}^{(20)}+2m_{110}^{(11)}m_{111}^{(21)}m_{103}^{(00)}-2m_{110}^{(11)}m_{111}^{(22)}m_{301}^{(21)}+2m_{110}^{(11)}m_{111}^{(22)}m_{202}^{(10)}\\
&+m_{110}^{(11)}m_{102}^{(00)}m_{121}^{(22)}-m_{110}^{(11)}m_{102}^{(00)}m_{022}^{(20)}-3m_{110}^{(11)}m_{102}^{(11)}m_{301}^{(22)}+3m_{110}^{(11)}m_{102}^{(11)}m_{202}^{(20)}\\
&+m_{110}^{(11)}m_{102}^{(20)}m_{220}^{(22)}-2m_{110}^{(11)}m_{102}^{(20)}m_{211}^{(21)}-2m_{110}^{(11)}m_{102}^{(20)}m_{121}^{(20)}+2m_{110}^{(11)}m_{102}^{(20)}m_{112}^{(10)}\\
&+m_{110}^{(11)}m_{102}^{(20)}m_{022}^{(00)}+m_{110}^{(11)}m_{102}^{(21)}m_{310}^{(22)}+3m_{110}^{(11)}m_{102}^{(21)}m_{301}^{(21)}+m_{110}^{(11)}m_{102}^{(21)}m_{211}^{(20)}\\
&-3m_{110}^{(11)}m_{102}^{(21)}m_{202}^{(10)}-2m_{110}^{(11)}m_{102}^{(21)}m_{112}^{(00)}-m_{110}^{(11)}m_{102}^{(22)}m_{310}^{(21)}-m_{110}^{(11)}m_{102}^{(22)}m_{220}^{(20)}\\
&+m_{110}^{(11)}m_{102}^{(22)}m_{211}^{(10)}+m_{110}^{(11)}m_{102}^{(22)}m_{121}^{(00)}-m_{110}^{(11)}m_{021}^{(00)}m_{202}^{(22)}+m_{110}^{(11)}m_{021}^{(00)}m_{103}^{(20)}\\
&+m_{110}^{(11)}m_{021}^{(20)}m_{301}^{(22)}-m_{110}^{(11)}m_{021}^{(20)}m_{103}^{(00)}-m_{110}^{(11)}m_{021}^{(22)}m_{301}^{(20)}+m_{110}^{(11)}m_{021}^{(22)}m_{202}^{(00)}\\
&+2m_{110}^{(11)}m_{012}^{(00)}m_{211}^{(22)}-2m_{110}^{(11)}m_{012}^{(00)}m_{112}^{(20)}-m_{110}^{(11)}m_{012}^{(20)}m_{310}^{(22)}-m_{110}^{(11)}m_{012}^{(20)}m_{301}^{(21)}\\
&-m_{110}^{(11)}m_{012}^{(20)}m_{211}^{(20)}+m_{110}^{(11)}m_{012}^{(20)}m_{202}^{(10)}+2m_{110}^{(11)}m_{012}^{(20)}m_{112}^{(00)}-m_{110}^{(11)}m_{012}^{(21)}m_{400}^{(22)}\\
&+2m_{110}^{(11)}m_{012}^{(21)}m_{301}^{(20)}-m_{110}^{(11)}m_{012}^{(21)}m_{202}^{(00)}+m_{110}^{(11)}m_{012}^{(22)}m_{400}^{(21)}+m_{110}^{(11)}m_{012}^{(22)}m_{310}^{(20)}\\
&-m_{110}^{(11)}m_{012}^{(22)}m_{301}^{(10)}-m_{110}^{(11)}m_{012}^{(22)}m_{211}^{(00)}-m_{110}^{(11)}m_{003}^{(00)}m_{220}^{(22)}+m_{110}^{(11)}m_{003}^{(00)}m_{121}^{(20)}\\
&+m_{110}^{(11)}m_{003}^{(11)}m_{400}^{(22)}-m_{110}^{(11)}m_{003}^{(11)}m_{301}^{(20)}+m_{110}^{(11)}m_{003}^{(20)}m_{310}^{(21)}+m_{110}^{(11)}m_{003}^{(20)}m_{220}^{(20)}\\
&-m_{110}^{(11)}m_{003}^{(20)}m_{211}^{(10)}-m_{110}^{(11)}m_{003}^{(20)}m_{121}^{(00)}-m_{110}^{(11)}m_{003}^{(21)}m_{400}^{(21)}-m_{110}^{(11)}m_{003}^{(21)}m_{310}^{(20)}\\
&+m_{110}^{(11)}m_{003}^{(21)}m_{301}^{(10)}+m_{110}^{(11)}m_{003}^{(21)}m_{211}^{(00)}-m_{110}^{(20)}m_{300}^{(11)}m_{022}^{(22)}+m_{110}^{(20)}m_{300}^{(11)}m_{013}^{(21)}\\
&+m_{110}^{(20)}m_{300}^{(21)}m_{031}^{(22)}-m_{110}^{(20)}m_{300}^{(21)}m_{013}^{(11)}-m_{110}^{(20)}m_{300}^{(22)}m_{031}^{(21)}+m_{110}^{(20)}m_{300}^{(22)}m_{022}^{(11)}\\
&+m_{110}^{(20)}m_{210}^{(11)}m_{112}^{(22)}-2m_{110}^{(20)}m_{210}^{(11)}m_{103}^{(21)}+m_{110}^{(20)}m_{210}^{(11)}m_{013}^{(20)}+m_{110}^{(20)}m_{210}^{(20)}m_{031}^{(22)}\\
&-2m_{110}^{(20)}m_{210}^{(20)}m_{022}^{(21)}+m_{110}^{(20)}m_{210}^{(20)}m_{013}^{(11)}-2m_{110}^{(20)}m_{210}^{(21)}m_{121}^{(22)}+2m_{110}^{(20)}m_{210}^{(21)}m_{112}^{(21)}\\
&+2m_{110}^{(20)}m_{210}^{(21)}m_{103}^{(11)}-2m_{110}^{(20)}m_{210}^{(21)}m_{013}^{(10)}+2m_{110}^{(20)}m_{210}^{(22)}m_{121}^{(21)}-3m_{110}^{(20)}m_{210}^{(22)}m_{112}^{(11)}\\
&-m_{110}^{(20)}m_{210}^{(22)}m_{031}^{(20)}+2m_{110}^{(20)}m_{210}^{(22)}m_{022}^{(10)}+2m_{110}^{(20)}m_{201}^{(11)}m_{121}^{(22)}-m_{110}^{(20)}m_{201}^{(11)}m_{112}^{(21)}\\
&-m_{110}^{(20)}m_{201}^{(11)}m_{022}^{(20)}-m_{110}^{(20)}m_{201}^{(20)}m_{040}^{(22)}+2m_{110}^{(20)}m_{201}^{(20)}m_{031}^{(21)}-m_{110}^{(20)}m_{201}^{(20)}m_{022}^{(11)}\\
&-m_{110}^{(20)}m_{201}^{(21)}m_{130}^{(22)}-2m_{110}^{(20)}m_{201}^{(21)}m_{121}^{(21)}+m_{110}^{(20)}m_{201}^{(21)}m_{112}^{(11)}+2m_{110}^{(20)}m_{201}^{(21)}m_{022}^{(10)}\\
&+m_{110}^{(20)}m_{201}^{(22)}m_{130}^{(21)}+m_{110}^{(20)}m_{201}^{(22)}m_{040}^{(20)}-2m_{110}^{(20)}m_{201}^{(22)}m_{031}^{(10)}+m_{110}^{(20)}m_{120}^{(00)}m_{022}^{(22)}\\
&-m_{110}^{(20)}m_{120}^{(00)}m_{013}^{(21)}-2m_{110}^{(20)}m_{120}^{(20)}m_{121}^{(22)}+4m_{110}^{(20)}m_{120}^{(20)}m_{112}^{(21)}-2m_{110}^{(20)}m_{120}^{(20)}m_{103}^{(11)}\\
&-2m_{110}^{(20)}m_{120}^{(20)}m_{022}^{(20)}+2m_{110}^{(20)}m_{120}^{(20)}m_{013}^{(10)}+m_{110}^{(20)}m_{120}^{(21)}m_{211}^{(22)}-2m_{110}^{(20)}m_{120}^{(21)}m_{202}^{(21)}\\
&+2m_{110}^{(20)}m_{120}^{(21)}m_{103}^{(10)}-m_{110}^{(20)}m_{120}^{(21)}m_{013}^{(00)}-m_{110}^{(20)}m_{120}^{(22)}m_{211}^{(21)}+2m_{110}^{(20)}m_{120}^{(22)}m_{202}^{(11)}\\
&+2m_{110}^{(20)}m_{120}^{(22)}m_{121}^{(20)}-4m_{110}^{(20)}m_{120}^{(22)}m_{112}^{(10)}+m_{110}^{(20)}m_{120}^{(22)}m_{022}^{(00)}-2m_{110}^{(20)}m_{111}^{(00)}m_{031}^{(22)}\\
&+2m_{110}^{(20)}m_{111}^{(00)}m_{022}^{(21)}-2m_{110}^{(20)}m_{111}^{(11)}m_{211}^{(22)}+4m_{110}^{(20)}m_{111}^{(11)}m_{202}^{(21)}-2m_{110}^{(20)}m_{111}^{(11)}m_{112}^{(20)}\\
&+2m_{110}^{(20)}m_{111}^{(20)}m_{130}^{(22)}-4m_{110}^{(20)}m_{111}^{(20)}m_{121}^{(21)}+2m_{110}^{(20)}m_{111}^{(20)}m_{112}^{(11)}+4m_{110}^{(20)}m_{111}^{(20)}m_{031}^{(20)}
\end{aligned}
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\begin{aligned}
&-4m_{110}^{(20)}m_{111}^{(20)}m_{022}^{(10)}+2m_{110}^{(20)}m_{111}^{(21)}m_{220}^{(22)}-4m_{110}^{(20)}m_{111}^{(21)}m_{202}^{(11)}+2m_{110}^{(20)}m_{111}^{(21)}m_{022}^{(00)}\\
&-2m_{110}^{(20)}m_{111}^{(22)}m_{220}^{(21)}+2m_{110}^{(20)}m_{111}^{(22)}m_{211}^{(11)}-2m_{110}^{(20)}m_{111}^{(22)}m_{130}^{(20)}+4m_{110}^{(20)}m_{111}^{(22)}m_{121}^{(10)}\\
&-2m_{110}^{(20)}m_{111}^{(22)}m_{031}^{(00)}+m_{110}^{(20)}m_{102}^{(00)}m_{040}^{(22)}-m_{110}^{(20)}m_{102}^{(00)}m_{031}^{(21)}-m_{110}^{(20)}m_{102}^{(11)}m_{220}^{(22)}\\
&-m_{110}^{(20)}m_{102}^{(11)}m_{211}^{(21)}+2m_{110}^{(20)}m_{102}^{(11)}m_{121}^{(20)}-2m_{110}^{(20)}m_{102}^{(20)}m_{040}^{(20)}+2m_{110}^{(20)}m_{102}^{(20)}m_{031}^{(10)}\\
&+2m_{110}^{(20)}m_{102}^{(21)}m_{220}^{(21)}+m_{110}^{(20)}m_{102}^{(21)}m_{211}^{(11)}-2m_{110}^{(20)}m_{102}^{(21)}m_{121}^{(10)}-m_{110}^{(20)}m_{102}^{(21)}m_{031}^{(00)}\\
&-m_{110}^{(20)}m_{102}^{(22)}m_{220}^{(11)}+m_{110}^{(20)}m_{102}^{(22)}m_{040}^{(00)}-m_{110}^{(20)}m_{030}^{(00)}m_{112}^{(22)}+2m_{110}^{(20)}m_{030}^{(00)}m_{103}^{(21)}\\
&-m_{110}^{(20)}m_{030}^{(00)}m_{013}^{(20)}+m_{110}^{(20)}m_{030}^{(20)}m_{211}^{(22)}-2m_{110}^{(20)}m_{030}^{(20)}m_{202}^{(21)}+2m_{110}^{(20)}m_{030}^{(20)}m_{112}^{(20)}\\
&-2m_{110}^{(20)}m_{030}^{(20)}m_{103}^{(10)}+m_{110}^{(20)}m_{030}^{(20)}m_{013}^{(00)}-m_{110}^{(20)}m_{030}^{(22)}m_{211}^{(20)}+2m_{110}^{(20)}m_{030}^{(22)}m_{202}^{(10)}\\
&-m_{110}^{(20)}m_{030}^{(22)}m_{112}^{(00)}+2m_{110}^{(20)}m_{021}^{(00)}m_{121}^{(22)}-5m_{110}^{(20)}m_{021}^{(00)}m_{112}^{(21)}+3m_{110}^{(20)}m_{021}^{(00)}m_{022}^{(20)}\\
&-m_{110}^{(20)}m_{021}^{(20)}m_{220}^{(22)}+2m_{110}^{(20)}m_{021}^{(20)}m_{211}^{(21)}+2m_{110}^{(20)}m_{021}^{(20)}m_{202}^{(11)}-4m_{110}^{(20)}m_{021}^{(20)}m_{121}^{(20)}\\
&+4m_{110}^{(20)}m_{021}^{(20)}m_{112}^{(10)}-3m_{110}^{(20)}m_{021}^{(20)}m_{022}^{(00)}-m_{110}^{(20)}m_{021}^{(21)}m_{310}^{(22)}+2m_{110}^{(20)}m_{021}^{(21)}m_{301}^{(21)}\\
&-2m_{110}^{(20)}m_{021}^{(21)}m_{202}^{(10)}+m_{110}^{(20)}m_{021}^{(21)}m_{112}^{(00)}+m_{110}^{(20)}m_{021}^{(22)}m_{310}^{(21)}-2m_{110}^{(20)}m_{021}^{(22)}m_{301}^{(11)}\\
&+m_{110}^{(20)}m_{021}^{(22)}m_{220}^{(20)}-2m_{110}^{(20)}m_{021}^{(22)}m_{211}^{(10)}+2m_{110}^{(20)}m_{021}^{(22)}m_{121}^{(00)}-m_{110}^{(20)}m_{012}^{(00)}m_{130}^{(22)}\\
&+4m_{110}^{(20)}m_{012}^{(00)}m_{121}^{(21)}-3m_{110}^{(20)}m_{012}^{(00)}m_{031}^{(20)}+m_{110}^{(20)}m_{012}^{(11)}m_{310}^{(22)}-2m_{110}^{(20)}m_{012}^{(11)}m_{301}^{(21)}\\
&+m_{110}^{(20)}m_{012}^{(11)}m_{211}^{(20)}-3m_{110}^{(20)}m_{012}^{(20)}m_{211}^{(11)}+2m_{110}^{(20)}m_{012}^{(20)}m_{130}^{(20)}-2m_{110}^{(20)}m_{012}^{(20)}m_{121}^{(10)}\\
&+3m_{110}^{(20)}m_{012}^{(20)}m_{031}^{(00)}-2m_{110}^{(20)}m_{012}^{(21)}m_{310}^{(21)}+2m_{110}^{(20)}m_{012}^{(21)}m_{301}^{(11)}+2m_{110}^{(20)}m_{012}^{(21)}m_{211}^{(10)}\\
&-2m_{110}^{(20)}m_{012}^{(21)}m_{121}^{(00)}+m_{110}^{(20)}m_{012}^{(22)}m_{310}^{(11)}-m_{110}^{(20)}m_{012}^{(22)}m_{130}^{(00)}-m_{110}^{(20)}m_{003}^{(00)}m_{130}^{(21)}\\
&+m_{110}^{(20)}m_{003}^{(00)}m_{040}^{(20)}+m_{110}^{(20)}m_{003}^{(11)}m_{310}^{(21)}-m_{110}^{(20)}m_{003}^{(11)}m_{220}^{(20)}+m_{110}^{(20)}m_{003}^{(20)}m_{220}^{(11)}\\
&-m_{110}^{(20)}m_{003}^{(20)}m_{040}^{(00)}-m_{110}^{(20)}m_{003}^{(21)}m_{310}^{(11)}+m_{110}^{(20)}m_{003}^{(21)}m_{130}^{(00)}+m_{110}^{(21)}m_{300}^{(11)}m_{112}^{(22)}\\
&+m_{110}^{(21)}m_{300}^{(11)}m_{103}^{(21)}-2m_{110}^{(21)}m_{300}^{(11)}m_{013}^{(20)}-m_{110}^{(21)}m_{300}^{(21)}m_{121}^{(22)}-2m_{110}^{(21)}m_{300}^{(21)}m_{112}^{(21)}\\
&-m_{110}^{(21)}m_{300}^{(21)}m_{103}^{(11)}+2m_{110}^{(21)}m_{300}^{(21)}m_{022}^{(20)}+2m_{110}^{(21)}m_{300}^{(21)}m_{013}^{(10)}+m_{110}^{(21)}m_{300}^{(22)}m_{121}^{(21)}\\
&+m_{110}^{(21)}m_{300}^{(22)}m_{112}^{(11)}-2m_{110}^{(21)}m_{300}^{(22)}m_{022}^{(10)}-m_{110}^{(21)}m_{210}^{(11)}m_{202}^{(22)}+m_{110}^{(21)}m_{210}^{(11)}m_{103}^{(20)}\\
&-m_{110}^{(21)}m_{210}^{(20)}m_{121}^{(22)}+m_{110}^{(21)}m_{210}^{(20)}m_{103}^{(11)}+2m_{110}^{(21)}m_{210}^{(20)}m_{022}^{(20)}-2m_{110}^{(21)}m_{210}^{(20)}m_{013}^{(10)}\\
&+2m_{110}^{(21)}m_{210}^{(21)}m_{211}^{(22)}+2m_{110}^{(21)}m_{210}^{(21)}m_{202}^{(21)}-4m_{110}^{(21)}m_{210}^{(21)}m_{112}^{(20)}-2m_{110}^{(21)}m_{210}^{(21)}m_{103}^{(10)}\\
&+2m_{110}^{(21)}m_{210}^{(21)}m_{013}^{(00)}-2m_{110}^{(21)}m_{210}^{(22)}m_{211}^{(21)}-m_{110}^{(21)}m_{210}^{(22)}m_{202}^{(11)}+m_{110}^{(21)}m_{210}^{(22)}m_{121}^{(20)}\\
&+4m_{110}^{(21)}m_{210}^{(22)}m_{112}^{(10)}-2m_{110}^{(21)}m_{210}^{(22)}m_{022}^{(00)}-2m_{110}^{(21)}m_{201}^{(11)}m_{211}^{(22)}-3m_{110}^{(21)}m_{201}^{(11)}m_{202}^{(21)}\\
&+5m_{110}^{(21)}m_{201}^{(11)}m_{112}^{(20)}+m_{110}^{(21)}m_{201}^{(20)}m_{130}^{(22)}-m_{110}^{(21)}m_{201}^{(20)}m_{112}^{(11)}-2m_{110}^{(21)}m_{201}^{(20)}m_{031}^{(20)}\\
&+2m_{110}^{(21)}m_{201}^{(20)}m_{022}^{(10)}+m_{110}^{(21)}m_{201}^{(21)}m_{220}^{(22)}+4m_{110}^{(21)}m_{201}^{(21)}m_{211}^{(21)}+3m_{110}^{(21)}m_{201}^{(21)}m_{202}^{(11)}\\
&-2m_{110}^{(21)}m_{201}^{(21)}m_{121}^{(20)}-4m_{110}^{(21)}m_{201}^{(21)}m_{112}^{(10)}-2m_{110}^{(21)}m_{201}^{(21)}m_{022}^{(00)}-m_{110}^{(21)}m_{201}^{(22)}m_{220}^{(21)}\\
&-2m_{110}^{(21)}m_{201}^{(22)}m_{211}^{(11)}-m_{110}^{(21)}m_{201}^{(22)}m_{130}^{(20)}+2m_{110}^{(21)}m_{201}^{(22)}m_{121}^{(10)}+2m_{110}^{(21)}m_{201}^{(22)}m_{031}^{(00)}\\
&-m_{110}^{(21)}m_{120}^{(00)}m_{112}^{(22)}-m_{110}^{(21)}m_{120}^{(00)}m_{103}^{(21)}+2m_{110}^{(21)}m_{120}^{(00)}m_{013}^{(20)}+2m_{110}^{(21)}m_{120}^{(20)}m_{211}^{(22)}\\
&-2m_{110}^{(21)}m_{120}^{(20)}m_{112}^{(20)}+2m_{110}^{(21)}m_{120}^{(20)}m_{103}^{(10)}-2m_{110}^{(21)}m_{120}^{(20)}m_{013}^{(00)}-m_{110}^{(21)}m_{120}^{(21)}m_{301}^{(22)}\\
&+2m_{110}^{(21)}m_{120}^{(21)}m_{202}^{(20)}-m_{110}^{(21)}m_{120}^{(21)}m_{103}^{(00)}+m_{110}^{(21)}m_{120}^{(22)}m_{301}^{(21)}-2m_{110}^{(21)}m_{120}^{(22)}m_{211}^{(20)}\\
&-2m_{110}^{(21)}m_{120}^{(22)}m_{202}^{(10)}+3m_{110}^{(21)}m_{120}^{(22)}m_{112}^{(00)}+2m_{110}^{(21)}m_{111}^{(00)}m_{121}^{(22)}+2m_{110}^{(21)}m_{111}^{(00)}m_{112}^{(21)}\\
&-4m_{110}^{(21)}m_{111}^{(00)}m_{022}^{(20)}+2m_{110}^{(21)}m_{111}^{(11)}m_{301}^{(22)}-2m_{110}^{(21)}m_{111}^{(11)}m_{202}^{(20)}-2m_{110}^{(21)}m_{111}^{(20)}m_{220}^{(22)}\\
&-2m_{110}^{(21)}m_{111}^{(20)}m_{202}^{(11)}+4m_{110}^{(21)}m_{111}^{(20)}m_{022}^{(00)}-2m_{110}^{(21)}m_{111}^{(21)}m_{310}^{(22)}-4m_{110}^{(21)}m_{111}^{(21)}m_{301}^{(21)}\\
&+4m_{110}^{(21)}m_{111}^{(21)}m_{211}^{(20)}+4m_{110}^{(21)}m_{111}^{(21)}m_{202}^{(10)}-2m_{110}^{(21)}m_{111}^{(21)}m_{112}^{(00)}+2m_{110}^{(21)}m_{111}^{(22)}m_{310}^{(21)}\\
&+2m_{110}^{(21)}m_{111}^{(22)}m_{301}^{(11)}+2m_{110}^{(21)}m_{111}^{(22)}m_{220}^{(20)}-4m_{110}^{(21)}m_{111}^{(22)}m_{211}^{(10)}-2m_{110}^{(21)}m_{111}^{(22)}m_{121}^{(00)}
\end{aligned}
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\begin{aligned}
&-m_{110}^{(21)}m_{102}^{(00)}m_{130}^{(22)} - m_{110}^{(21)}m_{102}^{(00)}m_{121}^{(21)} + 2m_{110}^{(21)}m_{102}^{(00)}m_{031}^{(20)} + m_{110}^{(21)}m_{102}^{(11)}m_{310}^{(22)}\\
&+3m_{110}^{(21)}m_{102}^{(11)}m_{301}^{(21)} - 4m_{110}^{(21)}m_{102}^{(11)}m_{211}^{(20)} + 2m_{110}^{(21)}m_{102}^{(20)}m_{211}^{(11)} + 2m_{110}^{(21)}m_{102}^{(20)}m_{130}^{(20)}\\
&-2m_{110}^{(21)}m_{102}^{(20)}m_{121}^{(10)} - 2m_{110}^{(21)}m_{102}^{(20)}m_{031}^{(00)} - 2m_{110}^{(21)}m_{102}^{(21)}m_{310}^{(21)} - 3m_{110}^{(21)}m_{102}^{(21)}m_{301}^{(11)}\\
&+2m_{110}^{(21)}m_{102}^{(21)}m_{211}^{(10)} + 3m_{110}^{(21)}m_{102}^{(21)}m_{121}^{(00)} + m_{110}^{(21)}m_{102}^{(22)}m_{310}^{(11)} - m_{110}^{(21)}m_{102}^{(22)}m_{130}^{(00)}\\
&+m_{110}^{(21)}m_{030}^{(00)}m_{202}^{(22)} - m_{110}^{(21)}m_{030}^{(00)}m_{103}^{(20)} - m_{110}^{(21)}m_{030}^{(20)}m_{301}^{(22)} + m_{110}^{(21)}m_{030}^{(20)}m_{103}^{(00)}\\
&+m_{110}^{(21)}m_{030}^{(22)}m_{301}^{(20)} - m_{110}^{(21)}m_{030}^{(22)}m_{202}^{(00)} - 2m_{110}^{(21)}m_{021}^{(00)}m_{211}^{(22)} + m_{110}^{(21)}m_{021}^{(00)}m_{202}^{(21)}\\
&+m_{110}^{(21)}m_{021}^{(00)}m_{112}^{(20)} + m_{110}^{(21)}m_{021}^{(20)}m_{310}^{(22)} + 2m_{110}^{(21)}m_{021}^{(20)}m_{211}^{(20)} - 2m_{110}^{(21)}m_{021}^{(20)}m_{202}^{(10)}\\
&-m_{110}^{(21)}m_{021}^{(20)}m_{112}^{(00)} + m_{110}^{(21)}m_{021}^{(21)}m_{400}^{(22)} - 2m_{110}^{(21)}m_{021}^{(21)}m_{301}^{(20)} + m_{110}^{(21)}m_{021}^{(21)}m_{202}^{(00)}\\
&-m_{110}^{(21)}m_{021}^{(22)}m_{400}^{(21)} - m_{110}^{(21)}m_{021}^{(22)}m_{310}^{(20)} + 2m_{110}^{(21)}m_{021}^{(22)}m_{301}^{(10)} + m_{110}^{(21)}m_{012}^{(00)}m_{220}^{(22)}\\
&-2m_{110}^{(21)}m_{012}^{(00)}m_{211}^{(21)} + m_{110}^{(21)}m_{012}^{(00)}m_{121}^{(20)} - m_{110}^{(21)}m_{012}^{(11)}m_{400}^{(22)} + m_{110}^{(21)}m_{012}^{(11)}m_{301}^{(20)}\\
&+m_{110}^{(21)}m_{012}^{(20)}m_{301}^{(11)} - 2m_{110}^{(21)}m_{012}^{(20)}m_{220}^{(20)} + 2m_{110}^{(21)}m_{012}^{(20)}m_{211}^{(10)} - m_{110}^{(21)}m_{012}^{(20)}m_{121}^{(00)}\\
&+2m_{110}^{(21)}m_{012}^{(21)}m_{400}^{(21)} - 2m_{110}^{(21)}m_{012}^{(21)}m_{301}^{(10)} - m_{110}^{(21)}m_{012}^{(22)}m_{400}^{(11)} + m_{110}^{(21)}m_{012}^{(22)}m_{220}^{(00)}\\
&+m_{110}^{(21)}m_{003}^{(00)}m_{220}^{(21)} - m_{110}^{(21)}m_{003}^{(00)}m_{130}^{(20)} - m_{110}^{(21)}m_{003}^{(11)}m_{400}^{(21)} + m_{110}^{(21)}m_{003}^{(11)}m_{310}^{(20)}\\
&-m_{110}^{(21)}m_{003}^{(20)}m_{310}^{(11)} + m_{110}^{(21)}m_{003}^{(20)}m_{130}^{(00)} + m_{110}^{(21)}m_{003}^{(21)}m_{400}^{(11)} - m_{110}^{(21)}m_{003}^{(21)}m_{220}^{(00)}\\
&-m_{110}^{(22)}m_{300}^{(11)}m_{112}^{(21)} + m_{110}^{(22)}m_{300}^{(11)}m_{022}^{(20)} + m_{110}^{(22)}m_{300}^{(21)}m_{121}^{(21)} + m_{110}^{(22)}m_{300}^{(21)}m_{112}^{(11)}\\
&-m_{110}^{(22)}m_{300}^{(21)}m_{031}^{(20)} - m_{110}^{(22)}m_{300}^{(21)}m_{022}^{(10)} - m_{110}^{(22)}m_{300}^{(22)}m_{121}^{(11)} + m_{110}^{(22)}m_{300}^{(22)}m_{031}^{(10)}\\
&+m_{110}^{(22)}m_{210}^{(11)}m_{202}^{(21)} - m_{110}^{(22)}m_{210}^{(11)}m_{112}^{(20)} + m_{110}^{(22)}m_{210}^{(20)}m_{121}^{(21)} - m_{110}^{(22)}m_{210}^{(20)}m_{112}^{(11)}\\
&-m_{110}^{(22)}m_{210}^{(20)}m_{031}^{(20)} + m_{110}^{(22)}m_{210}^{(20)}m_{022}^{(10)} - 2m_{110}^{(22)}m_{210}^{(21)}m_{211}^{(21)} - m_{110}^{(22)}m_{210}^{(21)}m_{202}^{(11)}\\
&+2m_{110}^{(22)}m_{210}^{(21)}m_{121}^{(20)} + 2m_{110}^{(22)}m_{210}^{(21)}m_{112}^{(10)} - m_{110}^{(22)}m_{210}^{(21)}m_{022}^{(00)} + 2m_{110}^{(22)}m_{210}^{(22)}m_{211}^{(11)}\\
&-3m_{110}^{(22)}m_{210}^{(22)}m_{121}^{(10)} + m_{110}^{(22)}m_{210}^{(22)}m_{031}^{(00)} + 2m_{110}^{(22)}m_{201}^{(11)}m_{211}^{(21)} - 2m_{110}^{(22)}m_{201}^{(11)}m_{121}^{(20)}\\
&-m_{110}^{(22)}m_{201}^{(20)}m_{130}^{(21)} + m_{110}^{(22)}m_{201}^{(20)}m_{121}^{(11)} + m_{110}^{(22)}m_{201}^{(20)}m_{040}^{(20)} - m_{110}^{(22)}m_{201}^{(20)}m_{031}^{(10)}\\
&-m_{110}^{(22)}m_{201}^{(21)}m_{220}^{(21)} - 2m_{110}^{(22)}m_{201}^{(21)}m_{211}^{(11)} + m_{110}^{(22)}m_{201}^{(21)}m_{130}^{(20)} + m_{110}^{(22)}m_{201}^{(21)}m_{121}^{(10)}\\
&+m_{110}^{(22)}m_{201}^{(21)}m_{031}^{(00)} + m_{110}^{(22)}m_{201}^{(22)}m_{220}^{(11)} - m_{110}^{(22)}m_{201}^{(22)}m_{040}^{(00)} + m_{110}^{(22)}m_{120}^{(00)}m_{112}^{(21)}\\
&-m_{110}^{(22)}m_{120}^{(00)}m_{022}^{(20)} - 2m_{110}^{(22)}m_{120}^{(20)}m_{211}^{(21)} + m_{110}^{(22)}m_{120}^{(20)}m_{202}^{(11)} + 2m_{110}^{(22)}m_{120}^{(20)}m_{121}^{(20)}\\
&-2m_{110}^{(22)}m_{120}^{(20)}m_{112}^{(10)} + m_{110}^{(22)}m_{120}^{(20)}m_{022}^{(00)} + m_{110}^{(22)}m_{120}^{(21)}m_{301}^{(21)} - m_{110}^{(22)}m_{120}^{(21)}m_{211}^{(20)}\\
&-m_{110}^{(22)}m_{120}^{(21)}m_{202}^{(10)} + m_{110}^{(22)}m_{120}^{(21)}m_{112}^{(00)} - m_{110}^{(22)}m_{120}^{(22)}m_{301}^{(11)} + 3m_{110}^{(22)}m_{120}^{(22)}m_{211}^{(10)}\\
&-2m_{110}^{(22)}m_{120}^{(22)}m_{121}^{(00)} - 2m_{110}^{(22)}m_{111}^{(00)}m_{121}^{(21)} + 2m_{110}^{(22)}m_{111}^{(00)}m_{031}^{(20)} - 2m_{110}^{(22)}m_{111}^{(11)}m_{301}^{(21)}\\
&+2m_{110}^{(22)}m_{111}^{(11)}m_{211}^{(20)} + 2m_{110}^{(22)}m_{111}^{(20)}m_{220}^{(21)} - 2m_{110}^{(22)}m_{111}^{(20)}m_{130}^{(20)} + 2m_{110}^{(22)}m_{111}^{(20)}m_{121}^{(10)}\\
&-2m_{110}^{(22)}m_{111}^{(20)}m_{031}^{(00)} + 2m_{110}^{(22)}m_{111}^{(21)}m_{310}^{(21)} + 2m_{110}^{(22)}m_{111}^{(21)}m_{301}^{(11)} - 2m_{110}^{(22)}m_{111}^{(21)}m_{220}^{(20)}\\
&-2m_{110}^{(22)}m_{111}^{(21)}m_{211}^{(10)} - 2m_{110}^{(22)}m_{111}^{(22)}m_{310}^{(11)} + 2m_{110}^{(22)}m_{111}^{(22)}m_{130}^{(00)} + m_{110}^{(22)}m_{102}^{(00)}m_{130}^{(21)}\\
&-m_{110}^{(22)}m_{102}^{(00)}m_{040}^{(20)} - m_{110}^{(22)}m_{102}^{(11)}m_{310}^{(21)} + m_{110}^{(22)}m_{102}^{(11)}m_{220}^{(20)} - m_{110}^{(22)}m_{102}^{(20)}m_{220}^{(11)}\\
&+m_{110}^{(22)}m_{102}^{(20)}m_{040}^{(00)} + m_{110}^{(22)}m_{102}^{(21)}m_{310}^{(11)} - m_{110}^{(22)}m_{102}^{(21)}m_{130}^{(00)} - m_{110}^{(22)}m_{030}^{(00)}m_{202}^{(21)}\\
&+m_{110}^{(22)}m_{030}^{(00)}m_{112}^{(20)} + m_{110}^{(22)}m_{030}^{(20)}m_{301}^{(21)} - m_{110}^{(22)}m_{030}^{(20)}m_{211}^{(20)} + m_{110}^{(22)}m_{030}^{(20)}m_{202}^{(10)}\\
&-m_{110}^{(22)}m_{030}^{(20)}m_{112}^{(00)} - m_{110}^{(22)}m_{030}^{(22)}m_{301}^{(10)} + m_{110}^{(22)}m_{030}^{(22)}m_{211}^{(00)} + 2m_{110}^{(22)}m_{021}^{(00)}m_{211}^{(21)}\\
&-2m_{110}^{(22)}m_{021}^{(00)}m_{121}^{(20)} - m_{110}^{(22)}m_{021}^{(20)}m_{310}^{(21)} - m_{110}^{(22)}m_{021}^{(20)}m_{301}^{(11)} + m_{110}^{(22)}m_{021}^{(20)}m_{220}^{(20)}\\
&-m_{110}^{(22)}m_{021}^{(20)}m_{211}^{(10)} + 2m_{110}^{(22)}m_{021}^{(20)}m_{121}^{(00)} - m_{110}^{(22)}m_{021}^{(21)}m_{400}^{(21)} + m_{110}^{(22)}m_{021}^{(21)}m_{310}^{(20)}\\
&+m_{110}^{(22)}m_{021}^{(21)}m_{301}^{(10)} - m_{110}^{(22)}m_{021}^{(21)}m_{211}^{(00)} + m_{110}^{(22)}m_{021}^{(22)}m_{400}^{(11)} - m_{110}^{(22)}m_{021}^{(22)}m_{220}^{(00)}\\
&-m_{110}^{(22)}m_{012}^{(00)}m_{220}^{(21)} + m_{110}^{(22)}m_{012}^{(00)}m_{130}^{(20)} + m_{110}^{(22)}m_{012}^{(11)}m_{400}^{(21)} - m_{110}^{(22)}m_{012}^{(11)}m_{310}^{(20)}
\end{aligned}
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\begin{aligned}
&+m_{110}^{(22)}m_{012}^{(20)}m_{310}^{(11)} - m_{110}^{(22)}m_{012}^{(20)}m_{130}^{(00)} - m_{110}^{(22)}m_{012}^{(21)}m_{400}^{(11)} + m_{110}^{(22)}m_{012}^{(21)}m_{220}^{(00)}\\
&+m_{101}^{(00)}m_{210}^{(11)}m_{022}^{(22)} - m_{101}^{(00)}m_{210}^{(11)}m_{013}^{(21)} - m_{101}^{(00)}m_{210}^{(21)}m_{031}^{(22)} + m_{101}^{(00)}m_{210}^{(21)}m_{013}^{(11)}\\
&+m_{101}^{(00)}m_{210}^{(22)}m_{031}^{(21)} - m_{101}^{(00)}m_{210}^{(22)}m_{022}^{(11)} - m_{101}^{(00)}m_{201}^{(11)}m_{031}^{(22)} + m_{101}^{(00)}m_{201}^{(11)}m_{022}^{(21)}\\
&+m_{101}^{(00)}m_{201}^{(21)}m_{040}^{(22)} - m_{101}^{(00)}m_{201}^{(21)}m_{022}^{(11)} - m_{101}^{(00)}m_{201}^{(22)}m_{040}^{(21)} + m_{101}^{(00)}m_{201}^{(22)}m_{031}^{(11)}\\
&-m_{101}^{(00)}m_{120}^{(10)}m_{022}^{(22)} + 2m_{101}^{(00)}m_{120}^{(10)}m_{013}^{(21)} - m_{101}^{(00)}m_{120}^{(10)}m_{004}^{(11)} - m_{101}^{(00)}m_{120}^{(11)}m_{112}^{(22)}\\
&+m_{101}^{(00)}m_{120}^{(11)}m_{103}^{(21)} - m_{101}^{(00)}m_{120}^{(11)}m_{013}^{(20)} + m_{101}^{(00)}m_{120}^{(11)}m_{004}^{(10)} + 2m_{101}^{(00)}m_{120}^{(21)}m_{121}^{(22)}\\
&-m_{101}^{(00)}m_{120}^{(21)}m_{112}^{(21)} - m_{101}^{(00)}m_{120}^{(21)}m_{103}^{(11)} + m_{101}^{(00)}m_{120}^{(21)}m_{022}^{(20)} - m_{101}^{(00)}m_{120}^{(21)}m_{013}^{(10)}\\
&-2m_{101}^{(00)}m_{120}^{(22)}m_{121}^{(21)} + 2m_{101}^{(00)}m_{120}^{(22)}m_{112}^{(11)} + 2m_{101}^{(00)}m_{111}^{(10)}m_{031}^{(22)} - 4m_{101}^{(00)}m_{111}^{(10)}m_{022}^{(21)}\\
&+2m_{101}^{(00)}m_{111}^{(10)}m_{013}^{(11)} + 2m_{101}^{(00)}m_{111}^{(11)}m_{022}^{(20)} - 2m_{101}^{(00)}m_{111}^{(11)}m_{013}^{(10)} - 2m_{101}^{(00)}m_{111}^{(21)}m_{130}^{(22)}\\
&+2m_{101}^{(00)}m_{111}^{(21)}m_{121}^{(21)} - 2m_{101}^{(00)}m_{111}^{(21)}m_{031}^{(20)} + 2m_{101}^{(00)}m_{111}^{(21)}m_{022}^{(10)} + 2m_{101}^{(00)}m_{111}^{(22)}m_{130}^{(21)}\\
&-2m_{101}^{(00)}m_{111}^{(22)}m_{121}^{(11)} - m_{101}^{(00)}m_{102}^{(10)}m_{040}^{(22)} + 2m_{101}^{(00)}m_{102}^{(10)}m_{031}^{(21)} - m_{101}^{(00)}m_{102}^{(10)}m_{022}^{(11)}\\
&+m_{101}^{(00)}m_{102}^{(11)}m_{130}^{(22)} - m_{101}^{(00)}m_{102}^{(11)}m_{121}^{(21)} - m_{101}^{(00)}m_{102}^{(11)}m_{031}^{(20)} + m_{101}^{(00)}m_{102}^{(11)}m_{022}^{(10)}\\
&-m_{101}^{(00)}m_{102}^{(21)}m_{130}^{(21)} + m_{101}^{(00)}m_{102}^{(21)}m_{121}^{(11)} + m_{101}^{(00)}m_{102}^{(21)}m_{040}^{(20)} - m_{101}^{(00)}m_{102}^{(21)}m_{031}^{(10)}\\
&-m_{101}^{(00)}m_{030}^{(00)}m_{013}^{(21)} + m_{101}^{(00)}m_{030}^{(00)}m_{004}^{(11)} + m_{101}^{(00)}m_{030}^{(10)}m_{112}^{(22)} - m_{101}^{(00)}m_{030}^{(10)}m_{103}^{(21)}\\
&+m_{101}^{(00)}m_{030}^{(10)}m_{013}^{(20)} - m_{101}^{(00)}m_{030}^{(10)}m_{004}^{(10)} - m_{101}^{(00)}m_{030}^{(21)}m_{211}^{(22)} + m_{101}^{(00)}m_{030}^{(21)}m_{202}^{(21)}\\
&-m_{101}^{(00)}m_{030}^{(21)}m_{112}^{(20)} + m_{101}^{(00)}m_{030}^{(21)}m_{103}^{(10)} + m_{101}^{(00)}m_{030}^{(22)}m_{211}^{(21)} - m_{101}^{(00)}m_{030}^{(22)}m_{202}^{(11)}\\
&+3m_{101}^{(00)}m_{021}^{(00)}m_{022}^{(21)} - 3m_{101}^{(00)}m_{021}^{(00)}m_{013}^{(11)} - 2m_{101}^{(00)}m_{021}^{(10)}m_{121}^{(22)} + m_{101}^{(00)}m_{021}^{(10)}m_{112}^{(21)}\\
&+m_{101}^{(00)}m_{021}^{(10)}m_{103}^{(11)} - 3m_{101}^{(00)}m_{021}^{(10)}m_{022}^{(20)} + 3m_{101}^{(00)}m_{021}^{(10)}m_{013}^{(10)} + m_{101}^{(00)}m_{021}^{(11)}m_{211}^{(22)}\\
&-m_{101}^{(00)}m_{021}^{(11)}m_{202}^{(21)} + m_{101}^{(00)}m_{021}^{(11)}m_{112}^{(20)} - m_{101}^{(00)}m_{021}^{(11)}m_{103}^{(10)} + m_{101}^{(00)}m_{021}^{(21)}m_{220}^{(22)}\\
&-2m_{101}^{(00)}m_{021}^{(21)}m_{211}^{(21)} + m_{101}^{(00)}m_{021}^{(21)}m_{202}^{(11)} + 2m_{101}^{(00)}m_{021}^{(21)}m_{121}^{(20)} - 2m_{101}^{(00)}m_{021}^{(21)}m_{112}^{(10)}\\
&-m_{101}^{(00)}m_{021}^{(22)}m_{220}^{(21)} + m_{101}^{(00)}m_{021}^{(22)}m_{211}^{(11)} - 3m_{101}^{(00)}m_{012}^{(00)}m_{031}^{(21)} + 3m_{101}^{(00)}m_{012}^{(00)}m_{022}^{(11)}\\
&+m_{101}^{(00)}m_{012}^{(10)}m_{130}^{(22)} + m_{101}^{(00)}m_{012}^{(10)}m_{121}^{(21)} - 2m_{101}^{(00)}m_{012}^{(10)}m_{112}^{(11)} + 3m_{101}^{(00)}m_{012}^{(10)}m_{031}^{(20)}\\
&-3m_{101}^{(00)}m_{012}^{(10)}m_{022}^{(10)} - m_{101}^{(00)}m_{012}^{(11)}m_{220}^{(22)} + m_{101}^{(00)}m_{012}^{(11)}m_{211}^{(21)} - 2m_{101}^{(00)}m_{012}^{(11)}m_{121}^{(20)}\\
&+2m_{101}^{(00)}m_{012}^{(11)}m_{112}^{(10)} + m_{101}^{(00)}m_{012}^{(21)}m_{220}^{(21)} - m_{101}^{(00)}m_{012}^{(21)}m_{211}^{(11)} - m_{101}^{(00)}m_{012}^{(21)}m_{130}^{(20)}\\
&+m_{101}^{(00)}m_{012}^{(21)}m_{121}^{(10)} + m_{101}^{(00)}m_{003}^{(00)}m_{040}^{(21)} - m_{101}^{(00)}m_{003}^{(00)}m_{031}^{(11)} - m_{101}^{(00)}m_{003}^{(10)}m_{130}^{(21)}\\
&+m_{101}^{(00)}m_{003}^{(10)}m_{121}^{(11)} - m_{101}^{(00)}m_{003}^{(10)}m_{040}^{(20)} + m_{101}^{(00)}m_{003}^{(10)}m_{031}^{(10)} + m_{101}^{(00)}m_{003}^{(11)}m_{130}^{(20)}\\
&-m_{101}^{(00)}m_{003}^{(11)}m_{121}^{(10)} - m_{101}^{(10)}m_{300}^{(11)}m_{022}^{(22)} + m_{101}^{(10)}m_{300}^{(11)}m_{013}^{(21)} + m_{101}^{(10)}m_{300}^{(21)}m_{031}^{(22)}\\
&-m_{101}^{(10)}m_{300}^{(21)}m_{013}^{(11)} - m_{101}^{(10)}m_{300}^{(22)}m_{031}^{(21)} + m_{101}^{(10)}m_{300}^{(22)}m_{022}^{(11)} + m_{101}^{(10)}m_{210}^{(10)}m_{022}^{(22)}\\
&-2m_{101}^{(10)}m_{210}^{(10)}m_{013}^{(21)} + m_{101}^{(10)}m_{210}^{(10)}m_{004}^{(11)} - m_{101}^{(10)}m_{210}^{(11)}m_{103}^{(21)} + 2m_{101}^{(10)}m_{210}^{(11)}m_{013}^{(20)}\\
&-m_{101}^{(10)}m_{210}^{(11)}m_{004}^{(10)} - m_{101}^{(10)}m_{210}^{(21)}m_{121}^{(22)} + 2m_{101}^{(10)}m_{210}^{(21)}m_{112}^{(21)} + m_{101}^{(10)}m_{210}^{(21)}m_{103}^{(11)}\\
&-2m_{101}^{(10)}m_{210}^{(21)}m_{022}^{(20)} + m_{101}^{(10)}m_{210}^{(22)}m_{121}^{(21)} - 2m_{101}^{(10)}m_{210}^{(22)}m_{112}^{(11)} + m_{101}^{(10)}m_{210}^{(22)}m_{022}^{(10)}\\
&-m_{101}^{(10)}m_{201}^{(10)}m_{031}^{(22)} + 2m_{101}^{(10)}m_{201}^{(10)}m_{022}^{(21)} - m_{101}^{(10)}m_{201}^{(10)}m_{013}^{(11)} + 3m_{101}^{(10)}m_{201}^{(11)}m_{121}^{(22)}\\
&-2m_{101}^{(10)}m_{201}^{(11)}m_{112}^{(21)} - 2m_{101}^{(10)}m_{201}^{(11)}m_{022}^{(20)} + m_{101}^{(10)}m_{201}^{(11)}m_{013}^{(10)} - 2m_{101}^{(10)}m_{201}^{(21)}m_{130}^{(22)}\\
&-2m_{101}^{(10)}m_{201}^{(21)}m_{121}^{(21)} + 2m_{101}^{(10)}m_{201}^{(21)}m_{112}^{(11)} + 2m_{101}^{(10)}m_{201}^{(21)}m_{031}^{(20)} + 2m_{101}^{(10)}m_{201}^{(22)}m_{130}^{(21)}\\
&-m_{101}^{(10)}m_{201}^{(22)}m_{121}^{(11)} - m_{101}^{(10)}m_{201}^{(22)}m_{031}^{(10)} + m_{101}^{(10)}m_{120}^{(00)}m_{013}^{(21)} - m_{101}^{(10)}m_{120}^{(00)}m_{004}^{(11)}\\
&-2m_{101}^{(10)}m_{120}^{(10)}m_{013}^{(20)} + 2m_{101}^{(10)}m_{120}^{(10)}m_{004}^{(10)} + m_{101}^{(10)}m_{120}^{(11)}m_{202}^{(22)} - m_{101}^{(10)}m_{120}^{(11)}m_{004}^{(00)}\\
&-m_{101}^{(10)}m_{120}^{(21)}m_{211}^{(22)} - 2m_{101}^{(10)}m_{120}^{(21)}m_{202}^{(21)} + 2m_{101}^{(10)}m_{120}^{(21)}m_{112}^{(20)} + m_{101}^{(10)}m_{120}^{(21)}m_{013}^{(00)}\\
&+m_{101}^{(10)}m_{120}^{(22)}m_{211}^{(21)} + m_{101}^{(10)}m_{120}^{(22)}m_{202}^{(11)} - 2m_{101}^{(10)}m_{120}^{(22)}m_{112}^{(10)} - 2m_{101}^{(10)}m_{111}^{(00)}m_{022}^{(21)}
\end{aligned}
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\begin{aligned}
&+2m_{101}^{(10)}m_{111}^{(00)}m_{013}^{(11)} - 2m_{101}^{(10)}m_{111}^{(10)}m_{121}^{(22)} + 4m_{101}^{(10)}m_{111}^{(10)}m_{112}^{(21)} - 2m_{101}^{(10)}m_{111}^{(10)}m_{103}^{(11)}\\
&+4m_{101}^{(10)}m_{111}^{(10)}m_{022}^{(20)} - 4m_{101}^{(10)}m_{111}^{(10)}m_{013}^{(10)} - 2m_{101}^{(10)}m_{111}^{(11)}m_{211}^{(22)} + 2m_{101}^{(10)}m_{111}^{(11)}m_{202}^{(21)}\\
&-4m_{101}^{(10)}m_{111}^{(11)}m_{112}^{(20)} + 2m_{101}^{(10)}m_{111}^{(11)}m_{103}^{(10)} + 2m_{101}^{(10)}m_{111}^{(11)}m_{013}^{(00)} + 4m_{101}^{(10)}m_{111}^{(21)}m_{220}^{(22)}\\
&-2m_{101}^{(10)}m_{111}^{(21)}m_{202}^{(11)} - 2m_{101}^{(10)}m_{111}^{(21)}m_{022}^{(00)} - 4m_{101}^{(10)}m_{111}^{(22)}m_{220}^{(21)} + 2m_{101}^{(10)}m_{111}^{(22)}m_{211}^{(11)}\\
&+2m_{101}^{(10)}m_{111}^{(22)}m_{121}^{(10)} + m_{101}^{(10)}m_{102}^{(00)}m_{031}^{(21)} - m_{101}^{(10)}m_{102}^{(00)}m_{022}^{(11)} + 2m_{101}^{(10)}m_{102}^{(10)}m_{130}^{(22)}\\
&-4m_{101}^{(10)}m_{102}^{(10)}m_{121}^{(21)} + 2m_{101}^{(10)}m_{102}^{(10)}m_{112}^{(11)} - 2m_{101}^{(10)}m_{102}^{(10)}m_{031}^{(20)} + 2m_{101}^{(10)}m_{102}^{(10)}m_{022}^{(10)}\\
&-2m_{101}^{(10)}m_{102}^{(11)}m_{220}^{(22)} + m_{101}^{(10)}m_{102}^{(11)}m_{211}^{(21)} + 4m_{101}^{(10)}m_{102}^{(11)}m_{121}^{(20)} - 2m_{101}^{(10)}m_{102}^{(11)}m_{112}^{(10)}\\
&-m_{101}^{(10)}m_{102}^{(11)}m_{022}^{(00)} + 2m_{101}^{(10)}m_{102}^{(21)}m_{220}^{(21)} - m_{101}^{(10)}m_{102}^{(21)}m_{211}^{(11)} - 2m_{101}^{(10)}m_{102}^{(21)}m_{130}^{(20)}\\
&+m_{101}^{(10)}m_{102}^{(21)}m_{031}^{(00)} + m_{101}^{(10)}m_{030}^{(00)}m_{103}^{(21)} - m_{101}^{(10)}m_{030}^{(00)}m_{004}^{(10)} - m_{101}^{(10)}m_{030}^{(10)}m_{202}^{(22)}\\
&+m_{101}^{(10)}m_{030}^{(10)}m_{004}^{(00)} + m_{101}^{(10)}m_{030}^{(21)}m_{301}^{(22)} - m_{101}^{(10)}m_{030}^{(21)}m_{103}^{(00)} - m_{101}^{(10)}m_{030}^{(22)}m_{301}^{(21)}\\
&+m_{101}^{(10)}m_{030}^{(22)}m_{202}^{(10)} - 4m_{101}^{(10)}m_{021}^{(00)}m_{112}^{(21)} + m_{101}^{(10)}m_{021}^{(00)}m_{103}^{(11)} + 3m_{101}^{(10)}m_{021}^{(00)}m_{013}^{(10)}\\
&+3m_{101}^{(10)}m_{021}^{(10)}m_{211}^{(22)} + 2m_{101}^{(10)}m_{021}^{(10)}m_{112}^{(20)} - 2m_{101}^{(10)}m_{021}^{(10)}m_{103}^{(10)} - 3m_{101}^{(10)}m_{021}^{(10)}m_{013}^{(00)}\\
&-m_{101}^{(10)}m_{021}^{(11)}m_{301}^{(22)} + m_{101}^{(10)}m_{021}^{(11)}m_{103}^{(00)} - 2m_{101}^{(10)}m_{021}^{(21)}m_{310}^{(22)} + 2m_{101}^{(10)}m_{021}^{(21)}m_{301}^{(21)}\\
&-2m_{101}^{(10)}m_{021}^{(21)}m_{211}^{(20)} + 2m_{101}^{(10)}m_{021}^{(21)}m_{112}^{(00)} + 2m_{101}^{(10)}m_{021}^{(22)}m_{310}^{(21)} - m_{101}^{(10)}m_{021}^{(22)}m_{301}^{(11)}\\
&-m_{101}^{(10)}m_{021}^{(22)}m_{211}^{(10)} + 5m_{101}^{(10)}m_{012}^{(00)}m_{121}^{(21)} - 2m_{101}^{(10)}m_{012}^{(00)}m_{112}^{(11)} - 3m_{101}^{(10)}m_{012}^{(00)}m_{022}^{(10)}\\
&-2m_{101}^{(10)}m_{012}^{(10)}m_{220}^{(22)} - 2m_{101}^{(10)}m_{012}^{(10)}m_{211}^{(21)} + m_{101}^{(10)}m_{012}^{(10)}m_{202}^{(11)} - 4m_{101}^{(10)}m_{012}^{(10)}m_{121}^{(20)}\\
&+4m_{101}^{(10)}m_{012}^{(10)}m_{112}^{(10)} + 3m_{101}^{(10)}m_{012}^{(10)}m_{022}^{(00)} + 2m_{101}^{(10)}m_{012}^{(11)}m_{310}^{(22)} - m_{101}^{(10)}m_{012}^{(11)}m_{301}^{(21)}\\
&+2m_{101}^{(10)}m_{012}^{(11)}m_{211}^{(20)} - m_{101}^{(10)}m_{012}^{(11)}m_{202}^{(10)} - 2m_{101}^{(10)}m_{012}^{(11)}m_{112}^{(00)} - 2m_{101}^{(10)}m_{012}^{(21)}m_{310}^{(21)}\\
&+m_{101}^{(10)}m_{012}^{(21)}m_{301}^{(11)} + 2m_{101}^{(10)}m_{012}^{(21)}m_{220}^{(20)} - m_{101}^{(10)}m_{012}^{(21)}m_{121}^{(00)} - 2m_{101}^{(10)}m_{003}^{(00)}m_{130}^{(21)}\\
&+m_{101}^{(10)}m_{003}^{(00)}m_{121}^{(11)} + m_{101}^{(10)}m_{003}^{(00)}m_{031}^{(10)} + 2m_{101}^{(10)}m_{003}^{(10)}m_{220}^{(21)} - m_{101}^{(10)}m_{003}^{(10)}m_{211}^{(11)}\\
&+2m_{101}^{(10)}m_{003}^{(10)}m_{130}^{(20)} - 2m_{101}^{(10)}m_{003}^{(10)}m_{121}^{(10)} - m_{101}^{(10)}m_{003}^{(10)}m_{031}^{(00)} - 2m_{101}^{(10)}m_{003}^{(11)}m_{220}^{(20)}\\
&+m_{101}^{(10)}m_{003}^{(11)}m_{211}^{(10)} + m_{101}^{(10)}m_{003}^{(11)}m_{121}^{(00)} + m_{101}^{(11)}m_{300}^{(11)}m_{112}^{(22)} - m_{101}^{(11)}m_{300}^{(11)}m_{013}^{(20)}\\
&-m_{101}^{(11)}m_{300}^{(21)}m_{121}^{(22)} - m_{101}^{(11)}m_{300}^{(21)}m_{112}^{(21)} + m_{101}^{(11)}m_{300}^{(21)}m_{022}^{(20)} + m_{101}^{(11)}m_{300}^{(21)}m_{013}^{(10)}\\
&+m_{101}^{(11)}m_{300}^{(22)}m_{121}^{(21)} - m_{101}^{(11)}m_{300}^{(22)}m_{022}^{(10)} - m_{101}^{(11)}m_{210}^{(10)}m_{112}^{(22)} + m_{101}^{(11)}m_{210}^{(10)}m_{103}^{(21)}\\
&+m_{101}^{(11)}m_{210}^{(10)}m_{013}^{(20)} - m_{101}^{(11)}m_{210}^{(10)}m_{004}^{(10)} - m_{101}^{(11)}m_{210}^{(11)}m_{202}^{(22)} + m_{101}^{(11)}m_{210}^{(11)}m_{004}^{(00)}\\
&+2m_{101}^{(11)}m_{210}^{(21)}m_{211}^{(22)} + m_{101}^{(11)}m_{210}^{(21)}m_{202}^{(21)} - m_{101}^{(11)}m_{210}^{(21)}m_{112}^{(20)} - m_{101}^{(11)}m_{210}^{(21)}m_{103}^{(10)}\\
&-m_{101}^{(11)}m_{210}^{(21)}m_{013}^{(00)} - 2m_{101}^{(11)}m_{210}^{(22)}m_{211}^{(21)} + 2m_{101}^{(11)}m_{210}^{(22)}m_{112}^{(10)} + m_{101}^{(11)}m_{201}^{(10)}m_{121}^{(22)}\\
&-m_{101}^{(11)}m_{201}^{(10)}m_{112}^{(21)} - m_{101}^{(11)}m_{201}^{(10)}m_{022}^{(20)} + m_{101}^{(11)}m_{201}^{(10)}m_{013}^{(10)} - 2m_{101}^{(11)}m_{201}^{(11)}m_{211}^{(22)}\\
&+3m_{101}^{(11)}m_{201}^{(11)}m_{112}^{(20)} - m_{101}^{(11)}m_{201}^{(11)}m_{013}^{(00)} + m_{101}^{(11)}m_{201}^{(21)}m_{220}^{(22)} + 2m_{101}^{(11)}m_{201}^{(21)}m_{211}^{(21)}\\
&-2m_{101}^{(11)}m_{201}^{(21)}m_{121}^{(20)} - 2m_{101}^{(11)}m_{201}^{(21)}m_{112}^{(10)} + m_{101}^{(11)}m_{201}^{(21)}m_{022}^{(00)} - m_{101}^{(11)}m_{201}^{(22)}m_{220}^{(21)}\\
&+m_{101}^{(11)}m_{201}^{(22)}m_{121}^{(10)} - m_{101}^{(11)}m_{120}^{(00)}m_{103}^{(21)} + m_{101}^{(11)}m_{120}^{(00)}m_{004}^{(10)} + m_{101}^{(11)}m_{120}^{(10)}m_{202}^{(22)}\\
&-m_{101}^{(11)}m_{120}^{(10)}m_{004}^{(00)} - m_{101}^{(11)}m_{120}^{(21)}m_{301}^{(22)} + m_{101}^{(11)}m_{120}^{(21)}m_{103}^{(00)} + m_{101}^{(11)}m_{120}^{(22)}m_{301}^{(21)}\\
&-m_{101}^{(11)}m_{120}^{(22)}m_{202}^{(10)} + 2m_{101}^{(11)}m_{111}^{(00)}m_{112}^{(21)} - 2m_{101}^{(11)}m_{111}^{(00)}m_{013}^{(10)} - 2m_{101}^{(11)}m_{111}^{(10)}m_{202}^{(21)}\\
&-2m_{101}^{(11)}m_{111}^{(10)}m_{112}^{(20)} + 2m_{101}^{(11)}m_{111}^{(10)}m_{103}^{(10)} + 2m_{101}^{(11)}m_{111}^{(10)}m_{013}^{(00)} + 2m_{101}^{(11)}m_{111}^{(11)}m_{301}^{(22)}\\
&-2m_{101}^{(11)}m_{111}^{(11)}m_{103}^{(00)} - 2m_{101}^{(11)}m_{111}^{(21)}m_{310}^{(22)} - 2m_{101}^{(11)}m_{111}^{(21)}m_{301}^{(21)} + 2m_{101}^{(11)}m_{111}^{(21)}m_{211}^{(20)}\\
&+2m_{101}^{(11)}m_{111}^{(21)}m_{202}^{(10)} + 2m_{101}^{(11)}m_{111}^{(22)}m_{310}^{(21)} - 2m_{101}^{(11)}m_{111}^{(22)}m_{211}^{(10)} - m_{101}^{(11)}m_{102}^{(00)}m_{121}^{(21)}\\
&+m_{101}^{(11)}m_{102}^{(00)}m_{022}^{(10)} - m_{101}^{(11)}m_{102}^{(10)}m_{220}^{(22)} + 2m_{101}^{(11)}m_{102}^{(10)}m_{211}^{(21)} + 2m_{101}^{(11)}m_{102}^{(10)}m_{121}^{(20)}\\
&-2m_{101}^{(11)}m_{102}^{(10)}m_{112}^{(10)} - m_{101}^{(11)}m_{102}^{(10)}m_{022}^{(00)} + m_{101}^{(11)}m_{102}^{(11)}m_{310}^{(22)} - 3m_{101}^{(11)}m_{102}^{(11)}m_{211}^{(20)}
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\begin{aligned}
&+2m_{101}^{(11)}m_{102}^{(11)}m_{112}^{(00)} - m_{101}^{(11)}m_{102}^{(21)}m_{310}^{(21)} + m_{101}^{(11)}m_{102}^{(21)}m_{220}^{(20)} + m_{101}^{(11)}m_{102}^{(21)}m_{211}^{(10)}\\
&-m_{101}^{(11)}m_{102}^{(21)}m_{121}^{(00)} + m_{101}^{(11)}m_{021}^{(00)}m_{202}^{(21)} - m_{101}^{(11)}m_{021}^{(00)}m_{103}^{(10)} - m_{101}^{(11)}m_{021}^{(10)}m_{301}^{(22)}\\
&+m_{101}^{(11)}m_{021}^{(10)}m_{103}^{(00)} + m_{101}^{(11)}m_{021}^{(21)}m_{400}^{(22)} - m_{101}^{(11)}m_{021}^{(21)}m_{202}^{(00)} - m_{101}^{(11)}m_{021}^{(22)}m_{400}^{(21)}\\
&+m_{101}^{(11)}m_{021}^{(22)}m_{301}^{(10)} - 2m_{101}^{(11)}m_{012}^{(00)}m_{211}^{(21)} + 2m_{101}^{(11)}m_{012}^{(00)}m_{112}^{(10)} + m_{101}^{(11)}m_{012}^{(10)}m_{310}^{(22)}\\
&+m_{101}^{(11)}m_{012}^{(10)}m_{301}^{(21)} + m_{101}^{(11)}m_{012}^{(10)}m_{211}^{(20)} - m_{101}^{(11)}m_{012}^{(10)}m_{202}^{(10)} - 2m_{101}^{(11)}m_{012}^{(10)}m_{112}^{(00)}\\
&-m_{101}^{(11)}m_{012}^{(11)}m_{400}^{(22)} + m_{101}^{(11)}m_{012}^{(11)}m_{202}^{(00)} + m_{101}^{(11)}m_{012}^{(21)}m_{400}^{(21)} - m_{101}^{(11)}m_{012}^{(21)}m_{310}^{(20)}\\
&-m_{101}^{(11)}m_{012}^{(21)}m_{301}^{(10)} + m_{101}^{(11)}m_{012}^{(21)}m_{211}^{(00)} + m_{101}^{(11)}m_{003}^{(00)}m_{220}^{(21)} - m_{101}^{(11)}m_{003}^{(00)}m_{121}^{(10)}\\
&-m_{101}^{(11)}m_{003}^{(10)}m_{310}^{(21)} - m_{101}^{(11)}m_{003}^{(10)}m_{220}^{(20)} + m_{101}^{(11)}m_{003}^{(10)}m_{211}^{(10)} + m_{101}^{(11)}m_{003}^{(10)}m_{121}^{(00)}\\
&+m_{101}^{(11)}m_{003}^{(11)}m_{310}^{(20)} - m_{101}^{(11)}m_{003}^{(11)}m_{211}^{(00)} + m_{101}^{(20)}m_{300}^{(11)}m_{031}^{(22)} - m_{101}^{(20)}m_{300}^{(11)}m_{022}^{(21)}\\
&-m_{101}^{(20)}m_{300}^{(21)}m_{040}^{(22)} + m_{101}^{(20)}m_{300}^{(21)}m_{022}^{(11)} + m_{101}^{(20)}m_{300}^{(22)}m_{040}^{(21)} - m_{101}^{(20)}m_{300}^{(22)}m_{031}^{(11)}\\
&-m_{101}^{(20)}m_{210}^{(10)}m_{031}^{(22)} + 2m_{101}^{(20)}m_{210}^{(10)}m_{022}^{(21)} - m_{101}^{(20)}m_{210}^{(10)}m_{013}^{(11)} - 2m_{101}^{(20)}m_{210}^{(11)}m_{121}^{(22)}\\
&+3m_{101}^{(20)}m_{210}^{(11)}m_{112}^{(21)} - 2m_{101}^{(20)}m_{210}^{(11)}m_{022}^{(20)} + m_{101}^{(20)}m_{210}^{(11)}m_{013}^{(10)} + 3m_{101}^{(20)}m_{210}^{(21)}m_{130}^{(22)}\\
&-2m_{101}^{(20)}m_{210}^{(21)}m_{121}^{(21)} - 3m_{101}^{(20)}m_{210}^{(21)}m_{112}^{(11)} + 2m_{101}^{(20)}m_{210}^{(21)}m_{031}^{(20)} - 3m_{101}^{(20)}m_{210}^{(22)}m_{130}^{(21)}\\
&+4m_{101}^{(20)}m_{210}^{(22)}m_{121}^{(11)} - m_{101}^{(20)}m_{210}^{(22)}m_{031}^{(10)} + m_{101}^{(20)}m_{201}^{(10)}m_{040}^{(22)} - 2m_{101}^{(20)}m_{201}^{(10)}m_{031}^{(21)}\\
&+m_{101}^{(20)}m_{201}^{(10)}m_{022}^{(11)} - m_{101}^{(20)}m_{201}^{(11)}m_{130}^{(22)} + 2m_{101}^{(20)}m_{201}^{(11)}m_{031}^{(20)} - m_{101}^{(20)}m_{201}^{(11)}m_{022}^{(10)}\\
&+2m_{101}^{(20)}m_{201}^{(21)}m_{130}^{(21)} - 2m_{101}^{(20)}m_{201}^{(21)}m_{040}^{(20)} - m_{101}^{(20)}m_{201}^{(22)}m_{130}^{(11)} + m_{101}^{(20)}m_{201}^{(22)}m_{040}^{(10)}\\
&-m_{101}^{(20)}m_{120}^{(00)}m_{022}^{(21)} + m_{101}^{(20)}m_{120}^{(00)}m_{013}^{(11)} + 2m_{101}^{(20)}m_{120}^{(10)}m_{121}^{(22)} - 4m_{101}^{(20)}m_{120}^{(10)}m_{112}^{(21)}\\
&+2m_{101}^{(20)}m_{120}^{(10)}m_{103}^{(11)} + 2m_{101}^{(20)}m_{120}^{(10)}m_{022}^{(20)} - 2m_{101}^{(20)}m_{120}^{(10)}m_{013}^{(10)} + m_{101}^{(20)}m_{120}^{(11)}m_{211}^{(22)}\\
&-2m_{101}^{(20)}m_{120}^{(11)}m_{202}^{(21)} + 2m_{101}^{(20)}m_{120}^{(11)}m_{112}^{(20)} - 2m_{101}^{(20)}m_{120}^{(11)}m_{103}^{(10)} + m_{101}^{(20)}m_{120}^{(11)}m_{013}^{(00)}\\
&-3m_{101}^{(20)}m_{120}^{(21)}m_{220}^{(22)} + 4m_{101}^{(20)}m_{120}^{(21)}m_{211}^{(21)} + 2m_{101}^{(20)}m_{120}^{(21)}m_{202}^{(11)} - 4m_{101}^{(20)}m_{120}^{(21)}m_{121}^{(20)}\\
&+2m_{101}^{(20)}m_{120}^{(21)}m_{112}^{(10)} - m_{101}^{(20)}m_{120}^{(21)}m_{022}^{(00)} + 3m_{101}^{(20)}m_{120}^{(22)}m_{220}^{(21)} - 5m_{101}^{(20)}m_{120}^{(22)}m_{211}^{(11)}\\
&+2m_{101}^{(20)}m_{120}^{(22)}m_{121}^{(10)} + 2m_{101}^{(20)}m_{111}^{(00)}m_{031}^{(21)} - 2m_{101}^{(20)}m_{111}^{(00)}m_{022}^{(11)} - 2m_{101}^{(20)}m_{111}^{(10)}m_{111}^{(22)}\\
&+4m_{101}^{(20)}m_{111}^{(10)}m_{121}^{(21)} - 2m_{101}^{(20)}m_{111}^{(10)}m_{112}^{(11)} - 4m_{101}^{(20)}m_{111}^{(10)}m_{031}^{(20)} + 4m_{101}^{(20)}m_{111}^{(10)}m_{022}^{(10)}\\
&+2m_{101}^{(20)}m_{111}^{(11)}m_{220}^{(22)} - 2m_{101}^{(20)}m_{111}^{(11)}m_{211}^{(21)} + 2m_{101}^{(20)}m_{111}^{(11)}m_{112}^{(10)} - 2m_{101}^{(20)}m_{111}^{(11)}m_{022}^{(00)}\\
&-4m_{101}^{(20)}m_{111}^{(21)}m_{220}^{(21)} + 2m_{101}^{(20)}m_{111}^{(21)}m_{211}^{(11)} + 4m_{101}^{(20)}m_{111}^{(21)}m_{130}^{(20)} - 4m_{101}^{(20)}m_{111}^{(21)}m_{121}^{(10)}\\
&+2m_{101}^{(20)}m_{111}^{(21)}m_{031}^{(00)} + 2m_{101}^{(20)}m_{111}^{(22)}m_{220}^{(11)} - 2m_{101}^{(20)}m_{111}^{(22)}m_{130}^{(10)} - m_{101}^{(20)}m_{102}^{(00)}m_{040}^{(21)}\\
&+m_{101}^{(20)}m_{102}^{(00)}m_{031}^{(11)} + 2m_{101}^{(20)}m_{102}^{(10)}m_{040}^{(20)} - 2m_{101}^{(20)}m_{102}^{(10)}m_{031}^{(10)} + m_{101}^{(20)}m_{102}^{(11)}m_{220}^{(21)}\\
&-2m_{101}^{(20)}m_{102}^{(11)}m_{130}^{(20)} + m_{101}^{(20)}m_{102}^{(11)}m_{031}^{(00)} - m_{101}^{(20)}m_{102}^{(21)}m_{220}^{(11)} + 2m_{101}^{(20)}m_{102}^{(21)}m_{130}^{(10)}\\
&-m_{101}^{(20)}m_{102}^{(21)}m_{040}^{(00)} + m_{101}^{(20)}m_{030}^{(00)}m_{112}^{(21)} - 2m_{101}^{(20)}m_{030}^{(00)}m_{103}^{(11)} + m_{101}^{(20)}m_{030}^{(00)}m_{013}^{(10)}\\
&-m_{101}^{(20)}m_{030}^{(10)}m_{211}^{(22)} + 2m_{101}^{(20)}m_{030}^{(10)}m_{202}^{(21)} - 2m_{101}^{(20)}m_{030}^{(10)}m_{112}^{(20)} + 2m_{101}^{(20)}m_{030}^{(10)}m_{103}^{(10)}\\
&-m_{101}^{(20)}m_{030}^{(10)}m_{013}^{(00)} + m_{101}^{(20)}m_{030}^{(21)}m_{310}^{(22)} - 2m_{101}^{(20)}m_{030}^{(21)}m_{301}^{(21)} + 2m_{101}^{(20)}m_{030}^{(21)}m_{211}^{(20)}\\
&-2m_{101}^{(20)}m_{030}^{(21)}m_{202}^{(10)} + m_{101}^{(20)}m_{030}^{(21)}m_{112}^{(00)} - m_{101}^{(20)}m_{030}^{(22)}m_{310}^{(21)} + 2m_{101}^{(20)}m_{030}^{(22)}m_{301}^{(11)}\\
&-m_{101}^{(20)}m_{030}^{(22)}m_{211}^{(10)} - 2m_{101}^{(20)}m_{021}^{(00)}m_{121}^{(21)} + 5m_{101}^{(20)}m_{021}^{(00)}m_{112}^{(11)} - 3m_{101}^{(20)}m_{021}^{(00)}m_{022}^{(10)}\\
&+m_{101}^{(20)}m_{021}^{(10)}m_{220}^{(22)} - 2m_{101}^{(20)}m_{021}^{(10)}m_{211}^{(21)} - 2m_{101}^{(20)}m_{021}^{(10)}m_{202}^{(11)} + 4m_{101}^{(20)}m_{021}^{(10)}m_{121}^{(20)}\\
&-4m_{101}^{(20)}m_{021}^{(10)}m_{112}^{(10)} + 3m_{101}^{(20)}m_{021}^{(10)}m_{022}^{(00)} - m_{101}^{(20)}m_{021}^{(11)}m_{310}^{(22)} + 2m_{101}^{(20)}m_{021}^{(11)}m_{301}^{(21)}\\
&-2m_{101}^{(20)}m_{021}^{(11)}m_{211}^{(20)} + 2m_{101}^{(20)}m_{021}^{(11)}m_{202}^{(10)} - m_{101}^{(20)}m_{021}^{(11)}m_{112}^{(00)} + 2m_{101}^{(20)}m_{021}^{(21)}m_{310}^{(21)}\\
&-2m_{101}^{(20)}m_{021}^{(21)}m_{301}^{(11)} - 2m_{101}^{(20)}m_{021}^{(21)}m_{220}^{(20)} + 4m_{101}^{(20)}m_{021}^{(21)}m_{211}^{(10)} - 2m_{101}^{(20)}m_{021}^{(21)}m_{121}^{(00)}\\
&-m_{101}^{(20)}m_{021}^{(22)}m_{310}^{(11)} + m_{101}^{(20)}m_{021}^{(22)}m_{220}^{(10)} + m_{101}^{(20)}m_{012}^{(00)}m_{130}^{(21)} - 4m_{101}^{(20)}m_{012}^{(00)}m_{121}^{(11)}
\end{aligned}
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\begin{aligned}
&+3m_{101}^{(20)}m_{012}^{(00)}m_{031}^{(10)} + 3m_{101}^{(20)}m_{012}^{(10)}m_{211}^{(11)} - 2m_{101}^{(20)}m_{012}^{(10)}m_{130}^{(20)} + 2m_{101}^{(20)}m_{012}^{(10)}m_{121}^{(10)}\\
&-3m_{101}^{(20)}m_{012}^{(10)}m_{031}^{(00)} - m_{101}^{(20)}m_{012}^{(11)}m_{310}^{(21)} + 2m_{101}^{(20)}m_{012}^{(11)}m_{220}^{(20)} - 3m_{101}^{(20)}m_{012}^{(11)}m_{211}^{(10)}\\
&+2m_{101}^{(20)}m_{012}^{(11)}m_{121}^{(00)} + m_{101}^{(20)}m_{012}^{(21)}m_{310}^{(11)} - 2m_{101}^{(20)}m_{012}^{(21)}m_{220}^{(10)} + m_{101}^{(20)}m_{012}^{(21)}m_{130}^{(00)}\\
&+m_{101}^{(20)}m_{003}^{(00)}m_{130}^{(11)} - m_{101}^{(20)}m_{003}^{(00)}m_{040}^{(10)} - m_{101}^{(20)}m_{003}^{(10)}m_{220}^{(11)} + m_{101}^{(20)}m_{003}^{(10)}m_{040}^{(00)}\\
&+m_{101}^{(20)}m_{003}^{(11)}m_{220}^{(10)} - m_{101}^{(20)}m_{003}^{(11)}m_{130}^{(00)} - m_{101}^{(21)}m_{300}^{(11)}m_{121}^{(22)} - m_{101}^{(21)}m_{300}^{(11)}m_{112}^{(21)}\\
&+2m_{101}^{(21)}m_{300}^{(11)}m_{022}^{(20)} + m_{101}^{(21)}m_{300}^{(21)}m_{130}^{(22)} + 2m_{101}^{(21)}m_{300}^{(21)}m_{121}^{(21)} + m_{101}^{(21)}m_{300}^{(21)}m_{112}^{(11)}\\
&-2m_{101}^{(21)}m_{300}^{(21)}m_{031}^{(20)} - 2m_{101}^{(21)}m_{300}^{(21)}m_{022}^{(10)} - m_{101}^{(21)}m_{300}^{(22)}m_{130}^{(21)} - m_{101}^{(21)}m_{300}^{(22)}m_{121}^{(11)}\\
&+2m_{101}^{(21)}m_{300}^{(22)}m_{031}^{(10)} + m_{101}^{(21)}m_{210}^{(10)}m_{121}^{(22)} - m_{101}^{(21)}m_{210}^{(10)}m_{103}^{(11)} - 2m_{101}^{(21)}m_{210}^{(10)}m_{022}^{(20)}\\
&+2m_{101}^{(21)}m_{210}^{(10)}m_{013}^{(10)} + 2m_{101}^{(21)}m_{210}^{(11)}m_{211}^{(22)} + m_{101}^{(21)}m_{210}^{(11)}m_{202}^{(21)} - 2m_{101}^{(21)}m_{210}^{(11)}m_{112}^{(20)}\\
&+m_{101}^{(21)}m_{210}^{(11)}m_{103}^{(10)} - 2m_{101}^{(21)}m_{210}^{(11)}m_{013}^{(00)} - 3m_{101}^{(21)}m_{210}^{(21)}m_{220}^{(22)} - 4m_{101}^{(21)}m_{210}^{(21)}m_{211}^{(21)}\\
&-m_{101}^{(21)}m_{210}^{(21)}m_{202}^{(11)} + 4m_{101}^{(21)}m_{210}^{(21)}m_{121}^{(20)} + 2m_{101}^{(21)}m_{210}^{(21)}m_{112}^{(10)} + 2m_{101}^{(21)}m_{210}^{(21)}m_{022}^{(00)}\\
&+3m_{101}^{(21)}m_{210}^{(22)}m_{220}^{(21)} + 2m_{101}^{(21)}m_{210}^{(22)}m_{211}^{(11)} - 5m_{101}^{(21)}m_{210}^{(22)}m_{121}^{(10)} - m_{101}^{(21)}m_{201}^{(10)}m_{201}^{(22)}m_{130}\\
&+m_{101}^{(21)}m_{201}^{(10)}m_{112}^{(11)} + 2m_{101}^{(21)}m_{201}^{(10)}m_{031}^{(20)} - 2m_{101}^{(21)}m_{201}^{(10)}m_{022}^{(10)} + m_{101}^{(21)}m_{201}^{(11)}m_{220}^{(22)}\\
&+2m_{101}^{(21)}m_{201}^{(11)}m_{211}^{(21)} - 4m_{101}^{(21)}m_{201}^{(11)}m_{121}^{(20)} - m_{101}^{(21)}m_{201}^{(11)}m_{112}^{(10)} + 2m_{101}^{(21)}m_{201}^{(11)}m_{022}^{(00)}\\
&-2m_{101}^{(21)}m_{201}^{(21)}m_{220}^{(21)} - 2m_{101}^{(21)}m_{201}^{(21)}m_{211}^{(11)} + 2m_{101}^{(21)}m_{201}^{(21)}m_{130}^{(20)} + 4m_{101}^{(21)}m_{201}^{(21)}m_{121}^{(10)}\\
&-2m_{101}^{(21)}m_{201}^{(21)}m_{031}^{(00)} + m_{101}^{(21)}m_{201}^{(22)}m_{220}^{(11)} - m_{101}^{(21)}m_{201}^{(22)}m_{130}^{(10)} + m_{101}^{(21)}m_{120}^{(00)}m_{112}^{(21)}\\
&+m_{101}^{(21)}m_{120}^{(00)}m_{103}^{(11)} - 2m_{101}^{(21)}m_{120}^{(00)}m_{013}^{(10)} - 2m_{101}^{(21)}m_{120}^{(10)}m_{211}^{(22)} + 2m_{101}^{(21)}m_{120}^{(10)}m_{112}^{(20)}\\
&-2m_{101}^{(21)}m_{120}^{(10)}m_{103}^{(10)} + 2m_{101}^{(21)}m_{120}^{(10)}m_{013}^{(00)} - m_{101}^{(21)}m_{120}^{(11)}m_{301}^{(22)} + m_{101}^{(21)}m_{120}^{(11)}m_{103}^{(00)}\\
&+3m_{101}^{(21)}m_{120}^{(21)}m_{310}^{(22)} + 2m_{101}^{(21)}m_{120}^{(21)}m_{301}^{(21)} - 2m_{101}^{(21)}m_{120}^{(21)}m_{211}^{(20)} - 3m_{101}^{(21)}m_{120}^{(21)}m_{112}^{(00)}\\
&-3m_{101}^{(21)}m_{120}^{(22)}m_{310}^{(21)} - m_{101}^{(21)}m_{120}^{(22)}m_{301}^{(11)} + 4m_{101}^{(21)}m_{120}^{(22)}m_{211}^{(10)} - 2m_{101}^{(21)}m_{111}^{(00)}m_{121}^{(21)}\\
&-2m_{101}^{(21)}m_{111}^{(00)}m_{112}^{(11)} + 4m_{101}^{(21)}m_{111}^{(00)}m_{022}^{(10)} + 2m_{101}^{(21)}m_{111}^{(10)}m_{220}^{(22)} + 2m_{101}^{(21)}m_{111}^{(10)}m_{202}^{(11)}\\
&-4m_{101}^{(21)}m_{111}^{(10)}m_{022}^{(00)} - 2m_{101}^{(21)}m_{111}^{(11)}m_{310}^{(22)} - 2m_{101}^{(21)}m_{111}^{(11)}m_{301}^{(21)} + 4m_{101}^{(21)}m_{111}^{(11)}m_{211}^{(20)}\\
&-2m_{101}^{(21)}m_{111}^{(11)}m_{202}^{(10)} + 2m_{101}^{(21)}m_{111}^{(11)}m_{112}^{(00)} + 4m_{101}^{(21)}m_{111}^{(21)}m_{310}^{(21)} + 2m_{101}^{(21)}m_{111}^{(21)}m_{301}^{(11)}\\
&-4m_{101}^{(21)}m_{111}^{(21)}m_{220}^{(20)} - 4m_{101}^{(21)}m_{111}^{(21)}m_{211}^{(10)} + 2m_{101}^{(21)}m_{111}^{(21)}m_{121}^{(00)} - 2m_{101}^{(21)}m_{111}^{(22)}m_{310}^{(11)}\\
&+2m_{101}^{(21)}m_{111}^{(22)}m_{220}^{(10)} + m_{101}^{(21)}m_{102}^{(00)}m_{130}^{(21)} + m_{101}^{(21)}m_{102}^{(00)}m_{121}^{(11)} - 2m_{101}^{(21)}m_{102}^{(00)}m_{031}^{(10)}\\
&-2m_{101}^{(21)}m_{102}^{(10)}m_{211}^{(11)} - 2m_{101}^{(21)}m_{102}^{(10)}m_{130}^{(20)} + 2m_{101}^{(21)}m_{102}^{(10)}m_{121}^{(10)} + 2m_{101}^{(21)}m_{102}^{(10)}m_{031}^{(00)}\\
&-m_{101}^{(21)}m_{102}^{(11)}m_{310}^{(21)} + 2m_{101}^{(21)}m_{102}^{(11)}m_{220}^{(20)} + 2m_{101}^{(21)}m_{102}^{(11)}m_{211}^{(10)} - 3m_{101}^{(21)}m_{102}^{(11)}m_{121}^{(00)}\\
&+m_{101}^{(21)}m_{102}^{(21)}m_{310}^{(11)} - 2m_{101}^{(21)}m_{102}^{(21)}m_{220}^{(10)} + m_{101}^{(21)}m_{102}^{(21)}m_{130}^{(00)} - m_{101}^{(21)}m_{030}^{(00)}m_{202}^{(21)}\\
&+m_{101}^{(21)}m_{030}^{(00)}m_{103}^{(10)} + m_{101}^{(21)}m_{030}^{(10)}m_{301}^{(22)} - m_{101}^{(21)}m_{030}^{(10)}m_{103}^{(00)} - m_{101}^{(21)}m_{030}^{(21)}m_{400}^{(22)}\\
&+m_{101}^{(21)}m_{030}^{(21)}m_{202}^{(00)} + m_{101}^{(21)}m_{030}^{(22)}m_{400}^{(21)} - m_{101}^{(21)}m_{030}^{(22)}m_{301}^{(10)} + 2m_{101}^{(21)}m_{021}^{(00)}m_{211}^{(21)}\\
&-m_{101}^{(21)}m_{021}^{(00)}m_{202}^{(11)} - m_{101}^{(21)}m_{021}^{(00)}m_{112}^{(10)} - m_{101}^{(21)}m_{021}^{(10)}m_{310}^{(22)} - 2m_{101}^{(21)}m_{021}^{(10)}m_{211}^{(20)}\\
&+2m_{101}^{(21)}m_{021}^{(10)}m_{202}^{(10)} + m_{101}^{(21)}m_{021}^{(10)}m_{112}^{(00)} + m_{101}^{(21)}m_{021}^{(11)}m_{400}^{(22)} - m_{101}^{(21)}m_{021}^{(11)}m_{202}^{(00)}\\
&-2m_{101}^{(21)}m_{021}^{(21)}m_{400}^{(21)} + 2m_{101}^{(21)}m_{021}^{(21)}m_{310}^{(20)} + m_{101}^{(21)}m_{021}^{(22)}m_{400}^{(11)} - m_{101}^{(21)}m_{021}^{(22)}m_{310}^{(10)}\\
&-m_{101}^{(21)}m_{012}^{(00)}m_{220}^{(21)} + 2m_{101}^{(21)}m_{012}^{(00)}m_{211}^{(11)} - m_{101}^{(21)}m_{012}^{(00)}m_{121}^{(10)} - m_{101}^{(21)}m_{012}^{(10)}m_{301}^{(11)}\\
&+2m_{101}^{(21)}m_{012}^{(10)}m_{220}^{(20)} - 2m_{101}^{(21)}m_{012}^{(10)}m_{211}^{(10)} + m_{101}^{(21)}m_{012}^{(10)}m_{121}^{(00)} + m_{101}^{(21)}m_{012}^{(11)}m_{400}^{(21)}\\
&-2m_{101}^{(21)}m_{012}^{(11)}m_{310}^{(20)} + m_{101}^{(21)}m_{012}^{(11)}m_{301}^{(10)} - m_{101}^{(21)}m_{012}^{(21)}m_{400}^{(11)} + 2m_{101}^{(21)}m_{012}^{(21)}m_{310}^{(10)}\\
&-m_{101}^{(21)}m_{012}^{(21)}m_{220}^{(00)} - m_{101}^{(21)}m_{003}^{(00)}m_{220}^{(11)} + m_{101}^{(21)}m_{003}^{(00)}m_{130}^{(10)} + m_{101}^{(21)}m_{003}^{(10)}m_{310}^{(11)}\\
&-m_{101}^{(21)}m_{003}^{(10)}m_{130}^{(00)} - m_{101}^{(21)}m_{003}^{(11)}m_{310}^{(10)} + m_{101}^{(21)}m_{003}^{(11)}m_{220}^{(00)} + m_{101}^{(22)}m_{300}^{(11)}m_{121}^{(21)}
\end{aligned}
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\begin{aligned}
&-m_{101}^{(22)}m_{300}^{(11)}m_{031}^{(20)} - m_{101}^{(22)}m_{300}^{(21)}m_{130}^{(21)} - m_{101}^{(22)}m_{300}^{(21)}m_{121}^{(11)} + m_{101}^{(22)}m_{300}^{(21)}m_{040}^{(20)}\\
&+m_{101}^{(22)}m_{300}^{(21)}m_{031}^{(10)} + m_{101}^{(22)}m_{300}^{(22)}m_{130}^{(11)} - m_{101}^{(22)}m_{300}^{(22)}m_{040}^{(10)} - m_{101}^{(22)}m_{210}^{(10)}m_{121}^{(21)}\\
&+m_{101}^{(22)}m_{210}^{(10)}m_{112}^{(11)} + m_{101}^{(22)}m_{210}^{(10)}m_{031}^{(20)} - m_{101}^{(22)}m_{210}^{(10)}m_{022}^{(10)} - 2m_{101}^{(22)}m_{210}^{(11)}m_{211}^{(21)}\\
&+2m_{101}^{(22)}m_{210}^{(11)}m_{121}^{(20)} - m_{101}^{(22)}m_{210}^{(11)}m_{112}^{(10)} + m_{101}^{(22)}m_{210}^{(11)}m_{022}^{(00)} + 3m_{101}^{(22)}m_{210}^{(21)}m_{220}^{(21)}\\
&+2m_{101}^{(22)}m_{210}^{(21)}m_{211}^{(11)} - 3m_{101}^{(22)}m_{210}^{(21)}m_{130}^{(20)} - m_{101}^{(22)}m_{210}^{(21)}m_{121}^{(10)} - m_{101}^{(22)}m_{210}^{(21)}m_{031}^{(00)}\\
&-3m_{101}^{(22)}m_{210}^{(22)}m_{220}^{(11)} + 3m_{101}^{(22)}m_{210}^{(22)}m_{130}^{(10)} + m_{101}^{(22)}m_{201}^{(10)}m_{130}^{(21)} - m_{101}^{(22)}m_{201}^{(10)}m_{121}^{(11)}\\
&-m_{101}^{(22)}m_{201}^{(10)}m_{040}^{(20)} + m_{101}^{(22)}m_{201}^{(10)}m_{031}^{(10)} - m_{101}^{(22)}m_{201}^{(11)}m_{220}^{(21)} + m_{101}^{(22)}m_{201}^{(11)}m_{130}^{(20)}\\
&+m_{101}^{(22)}m_{201}^{(11)}m_{121}^{(10)} - m_{101}^{(22)}m_{201}^{(11)}m_{031}^{(00)} + m_{101}^{(22)}m_{201}^{(21)}m_{220}^{(11)} - 2m_{101}^{(22)}m_{201}^{(21)}m_{130}^{(10)}\\
&+m_{101}^{(22)}m_{201}^{(21)}m_{040}^{(00)} - m_{101}^{(22)}m_{120}^{(00)}m_{112}^{(11)} + m_{101}^{(22)}m_{120}^{(00)}m_{022}^{(10)} + 2m_{101}^{(22)}m_{120}^{(10)}m_{211}^{(21)}\\
&-m_{101}^{(22)}m_{120}^{(10)}m_{202}^{(11)} - 2m_{101}^{(22)}m_{120}^{(10)}m_{121}^{(20)} + 2m_{101}^{(22)}m_{120}^{(10)}m_{112}^{(10)} - m_{101}^{(22)}m_{120}^{(10)}m_{022}^{(00)}\\
&+m_{101}^{(22)}m_{120}^{(11)}m_{301}^{(21)} - m_{101}^{(22)}m_{120}^{(11)}m_{211}^{(20)} + m_{101}^{(22)}m_{120}^{(11)}m_{202}^{(10)} - m_{101}^{(22)}m_{120}^{(11)}m_{112}^{(00)}\\
&-3m_{101}^{(22)}m_{120}^{(21)}m_{310}^{(21)} - m_{101}^{(22)}m_{120}^{(21)}m_{301}^{(11)} + 3m_{101}^{(22)}m_{120}^{(21)}m_{220}^{(20)} - m_{101}^{(22)}m_{120}^{(21)}m_{211}^{(10)}\\
&+2m_{101}^{(22)}m_{120}^{(21)}m_{121}^{(00)} + 3m_{101}^{(22)}m_{120}^{(22)}m_{310}^{(11)} - 3m_{101}^{(22)}m_{120}^{(22)}m_{220}^{(10)} + 2m_{101}^{(22)}m_{111}^{(00)}m_{121}^{(11)}\\
&-2m_{101}^{(22)}m_{111}^{(00)}m_{031}^{(10)} - 2m_{101}^{(22)}m_{111}^{(10)}m_{220}^{(21)} + 2m_{101}^{(22)}m_{111}^{(10)}m_{130}^{(20)} - 2m_{101}^{(22)}m_{111}^{(10)}m_{121}^{(10)}\\
&+2m_{101}^{(22)}m_{111}^{(10)}m_{031}^{(00)} + 2m_{101}^{(22)}m_{111}^{(11)}m_{310}^{(21)} - 2m_{101}^{(22)}m_{111}^{(11)}m_{220}^{(20)} - 2m_{101}^{(22)}m_{111}^{(21)}m_{310}^{(11)}\\
&+4m_{101}^{(22)}m_{111}^{(21)}m_{220}^{(10)} - 2m_{101}^{(22)}m_{111}^{(21)}m_{130}^{(00)} - m_{101}^{(22)}m_{102}^{(00)}m_{130}^{(11)} + m_{101}^{(22)}m_{102}^{(00)}m_{040}^{(10)}\\
&+m_{101}^{(22)}m_{102}^{(10)}m_{220}^{(11)} - m_{101}^{(22)}m_{102}^{(10)}m_{040}^{(00)} - m_{101}^{(22)}m_{102}^{(11)}m_{220}^{(10)} + m_{101}^{(22)}m_{102}^{(11)}m_{130}^{(00)}\\
&+m_{101}^{(22)}m_{030}^{(00)}m_{202}^{(11)} - m_{101}^{(22)}m_{030}^{(00)}m_{112}^{(10)} - m_{101}^{(22)}m_{030}^{(10)}m_{301}^{(21)} + m_{101}^{(22)}m_{030}^{(10)}m_{211}^{(20)}\\
&-m_{101}^{(22)}m_{030}^{(10)}m_{202}^{(10)} + m_{101}^{(22)}m_{030}^{(10)}m_{112}^{(00)} + m_{101}^{(22)}m_{030}^{(21)}m_{400}^{(21)} - m_{101}^{(22)}m_{030}^{(21)}m_{310}^{(20)}\\
&+m_{101}^{(22)}m_{030}^{(21)}m_{301}^{(10)} - m_{101}^{(22)}m_{030}^{(21)}m_{211}^{(00)} - m_{101}^{(22)}m_{030}^{(22)}m_{400}^{(11)} + m_{101}^{(22)}m_{030}^{(22)}m_{310}^{(10)}\\
&-2m_{101}^{(22)}m_{021}^{(00)}m_{211}^{(11)} + 2m_{101}^{(22)}m_{021}^{(00)}m_{121}^{(10)} + m_{101}^{(22)}m_{021}^{(10)}m_{310}^{(21)} + m_{101}^{(22)}m_{021}^{(10)}m_{301}^{(11)}\\
&-m_{101}^{(22)}m_{021}^{(10)}m_{220}^{(20)} + m_{101}^{(22)}m_{021}^{(10)}m_{211}^{(10)} - 2m_{101}^{(22)}m_{021}^{(10)}m_{121}^{(00)} - m_{101}^{(22)}m_{021}^{(11)}m_{400}^{(21)}\\
&+m_{101}^{(22)}m_{021}^{(11)}m_{310}^{(20)} - m_{101}^{(22)}m_{021}^{(11)}m_{301}^{(10)} + m_{101}^{(22)}m_{021}^{(11)}m_{211}^{(00)} + m_{101}^{(22)}m_{021}^{(21)}m_{400}^{(11)}\\
&-2m_{101}^{(22)}m_{021}^{(21)}m_{310}^{(10)} + m_{101}^{(22)}m_{021}^{(21)}m_{220}^{(00)} + m_{101}^{(22)}m_{012}^{(00)}m_{220}^{(11)} - m_{101}^{(22)}m_{012}^{(00)}m_{130}^{(10)}\\
&-m_{101}^{(22)}m_{012}^{(10)}m_{310}^{(11)} + m_{101}^{(22)}m_{012}^{(10)}m_{130}^{(00)} + m_{101}^{(22)}m_{012}^{(11)}m_{310}^{(10)} - m_{101}^{(22)}m_{012}^{(11)}m_{220}^{(00)}\\
&+m_{020}^{(00)}m_{210}^{(10)}m_{013}^{(22)} - m_{020}^{(00)}m_{210}^{(10)}m_{004}^{(21)} - m_{020}^{(00)}m_{210}^{(20)}m_{022}^{(22)} + m_{020}^{(00)}m_{210}^{(20)}m_{013}^{(21)}\\
&-m_{020}^{(00)}m_{210}^{(21)}m_{013}^{(20)} + m_{020}^{(00)}m_{210}^{(21)}m_{004}^{(10)} + m_{020}^{(00)}m_{210}^{(22)}m_{022}^{(20)} - m_{020}^{(00)}m_{210}^{(22)}m_{013}^{(10)}\\
&-m_{020}^{(00)}m_{201}^{(10)}m_{022}^{(22)} + m_{020}^{(00)}m_{201}^{(10)}m_{013}^{(21)} + m_{020}^{(00)}m_{201}^{(20)}m_{031}^{(22)} - m_{020}^{(00)}m_{201}^{(20)}m_{022}^{(21)}\\
&+m_{020}^{(00)}m_{201}^{(21)}m_{022}^{(20)} - m_{020}^{(00)}m_{201}^{(21)}m_{013}^{(10)} - m_{020}^{(00)}m_{201}^{(22)}m_{031}^{(20)} + m_{020}^{(00)}m_{201}^{(22)}m_{022}^{(10)}\\
&-m_{020}^{(00)}m_{120}^{(00)}m_{013}^{(22)} + m_{020}^{(00)}m_{120}^{(00)}m_{004}^{(21)} + m_{020}^{(00)}m_{120}^{(20)}m_{112}^{(22)} - m_{020}^{(00)}m_{120}^{(20)}m_{103}^{(21)}\\
&+m_{020}^{(00)}m_{120}^{(20)}m_{013}^{(20)} - m_{020}^{(00)}m_{120}^{(20)}m_{004}^{(10)} - m_{020}^{(00)}m_{120}^{(22)}m_{112}^{(20)} + m_{020}^{(00)}m_{120}^{(22)}m_{103}^{(10)}\\
&+2m_{020}^{(00)}m_{111}^{(00)}m_{022}^{(22)} - 2m_{020}^{(00)}m_{111}^{(00)}m_{013}^{(21)} - 2m_{020}^{(00)}m_{111}^{(10)}m_{112}^{(22)} + 2m_{020}^{(00)}m_{111}^{(10)}m_{103}^{(21)}\\
&-2m_{020}^{(00)}m_{111}^{(20)}m_{022}^{(20)} + 2m_{020}^{(00)}m_{111}^{(20)}m_{013}^{(10)} + 2m_{020}^{(00)}m_{111}^{(21)}m_{112}^{(20)} - 2m_{020}^{(00)}m_{111}^{(21)}m_{103}^{(10)}\\
&-m_{020}^{(00)}m_{102}^{(00)}m_{031}^{(22)} + m_{020}^{(00)}m_{102}^{(00)}m_{022}^{(21)} + 2m_{020}^{(00)}m_{102}^{(10)}m_{121}^{(22)} - 2m_{020}^{(00)}m_{102}^{(10)}m_{112}^{(21)}\\
&-m_{020}^{(00)}m_{102}^{(20)}m_{130}^{(22)} + m_{020}^{(00)}m_{102}^{(20)}m_{121}^{(21)} + m_{020}^{(00)}m_{102}^{(20)}m_{031}^{(20)} - m_{020}^{(00)}m_{102}^{(20)}m_{022}^{(10)}\\
&-2m_{020}^{(00)}m_{102}^{(21)}m_{121}^{(20)} + 2m_{020}^{(00)}m_{102}^{(21)}m_{112}^{(10)} + m_{020}^{(00)}m_{102}^{(22)}m_{130}^{(20)} - m_{020}^{(00)}m_{102}^{(22)}m_{121}^{(10)}\\
&+m_{020}^{(00)}m_{021}^{(00)}m_{112}^{(22)} - m_{020}^{(00)}m_{021}^{(00)}m_{103}^{(21)} - m_{020}^{(00)}m_{021}^{(20)}m_{211}^{(22)} + m_{020}^{(00)}m_{021}^{(20)}m_{202}^{(21)}\\
&-m_{020}^{(00)}m_{021}^{(20)}m_{112}^{(20)} + m_{020}^{(00)}m_{021}^{(20)}m_{103}^{(10)} + m_{020}^{(00)}m_{021}^{(22)}m_{211}^{(20)} - m_{020}^{(00)}m_{021}^{(22)}m_{202}^{(10)}
\end{aligned}
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\begin{aligned}
&-2m_{020}^{(00)}m_{012}^{(00)}m_{121}^{(22)}+2m_{020}^{(00)}m_{012}^{(00)}m_{112}^{(21)}+m_{020}^{(00)}m_{012}^{(10)}m_{211}^{(22)}-m_{020}^{(00)}m_{012}^{(10)}m_{202}^{(21)}\\
&+m_{020}^{(00)}m_{012}^{(20)}m_{220}^{(22)}-m_{020}^{(00)}m_{012}^{(20)}m_{211}^{(21)}+2m_{020}^{(00)}m_{012}^{(20)}m_{121}^{(20)}-2m_{020}^{(00)}m_{012}^{(20)}m_{112}^{(10)}\\
&-m_{020}^{(00)}m_{012}^{(21)}m_{211}^{(20)}+m_{020}^{(00)}m_{012}^{(21)}m_{202}^{(10)}-m_{020}^{(00)}m_{012}^{(22)}m_{220}^{(20)}+m_{020}^{(00)}m_{012}^{(22)}m_{211}^{(10)}\\
&+m_{020}^{(00)}m_{003}^{(00)}m_{130}^{(22)}-m_{020}^{(00)}m_{003}^{(00)}m_{121}^{(21)}-m_{020}^{(00)}m_{003}^{(10)}m_{220}^{(22)}+m_{020}^{(00)}m_{003}^{(10)}m_{211}^{(21)}\\
&-m_{020}^{(00)}m_{003}^{(20)}m_{130}^{(20)}+m_{020}^{(00)}m_{003}^{(20)}m_{121}^{(10)}+m_{020}^{(00)}m_{003}^{(21)}m_{220}^{(20)}-m_{020}^{(00)}m_{003}^{(21)}m_{211}^{(10)}\\
&-m_{020}^{(10)}m_{300}^{(10)}m_{013}^{(22)}+m_{020}^{(10)}m_{300}^{(10)}m_{004}^{(21)}+m_{020}^{(10)}m_{300}^{(20)}m_{022}^{(22)}-m_{020}^{(10)}m_{300}^{(20)}m_{013}^{(21)}\\
&+m_{020}^{(10)}m_{300}^{(21)}m_{013}^{(20)}-m_{020}^{(10)}m_{300}^{(21)}m_{004}^{(10)}-m_{020}^{(10)}m_{300}^{(22)}m_{022}^{(20)}+m_{020}^{(10)}m_{300}^{(22)}m_{013}^{(10)}\\
&+m_{020}^{(10)}m_{210}^{(00)}m_{013}^{(22)}-m_{020}^{(10)}m_{210}^{(00)}m_{004}^{(21)}-m_{020}^{(10)}m_{210}^{(10)}m_{103}^{(22)}+m_{020}^{(10)}m_{210}^{(10)}m_{004}^{(20)}\\
&+m_{020}^{(10)}m_{210}^{(20)}m_{103}^{(21)}-2m_{020}^{(10)}m_{210}^{(20)}m_{013}^{(20)}+m_{020}^{(10)}m_{210}^{(20)}m_{004}^{(10)}+m_{020}^{(10)}m_{210}^{(21)}m_{103}^{(20)}\\
&-m_{020}^{(10)}m_{210}^{(21)}m_{004}^{(00)}-m_{020}^{(10)}m_{210}^{(22)}m_{103}^{(10)}+m_{020}^{(10)}m_{210}^{(22)}m_{013}^{(00)}-m_{020}^{(10)}m_{201}^{(00)}m_{022}^{(22)}\\
&+m_{020}^{(10)}m_{201}^{(00)}m_{013}^{(21)}+4m_{020}^{(10)}m_{201}^{(10)}m_{112}^{(22)}-3m_{020}^{(10)}m_{201}^{(10)}m_{103}^{(21)}-m_{020}^{(10)}m_{201}^{(10)}m_{013}^{(20)}\\
&-3m_{020}^{(10)}m_{201}^{(20)}m_{121}^{(22)}+2m_{020}^{(10)}m_{201}^{(20)}m_{112}^{(21)}+2m_{020}^{(10)}m_{201}^{(20)}m_{022}^{(20)}-m_{020}^{(10)}m_{201}^{(20)}m_{013}^{(10)}\\
&-4m_{020}^{(10)}m_{201}^{(21)}m_{112}^{(20)}+3m_{020}^{(10)}m_{201}^{(21)}m_{103}^{(10)}+m_{020}^{(10)}m_{201}^{(21)}m_{013}^{(00)}+3m_{020}^{(10)}m_{201}^{(22)}m_{121}^{(20)}\\
&-2m_{020}^{(10)}m_{201}^{(22)}m_{112}^{(10)}-m_{020}^{(10)}m_{201}^{(22)}m_{022}^{(00)}+m_{020}^{(10)}m_{120}^{(00)}m_{103}^{(22)}-m_{020}^{(10)}m_{120}^{(00)}m_{004}^{(20)}\\
&-m_{020}^{(10)}m_{120}^{(20)}m_{202}^{(22)}+m_{020}^{(10)}m_{120}^{(20)}m_{004}^{(00)}+m_{020}^{(10)}m_{120}^{(22)}m_{202}^{(20)}-m_{020}^{(10)}m_{120}^{(22)}m_{103}^{(00)}\\
&-4m_{020}^{(10)}m_{111}^{(00)}m_{112}^{(22)}+2m_{020}^{(10)}m_{111}^{(00)}m_{103}^{(21)}+2m_{020}^{(10)}m_{111}^{(00)}m_{013}^{(20)}+2m_{020}^{(10)}m_{111}^{(10)}m_{202}^{(22)}\\
&-2m_{020}^{(10)}m_{111}^{(10)}m_{103}^{(20)}+2m_{020}^{(10)}m_{111}^{(20)}m_{211}^{(22)}-2m_{020}^{(10)}m_{111}^{(20)}m_{202}^{(21)}+4m_{020}^{(10)}m_{111}^{(20)}m_{112}^{(20)}\\
&-2m_{020}^{(10)}m_{111}^{(20)}m_{103}^{(10)}-2m_{020}^{(10)}m_{111}^{(20)}m_{013}^{(00)}-2m_{020}^{(10)}m_{111}^{(21)}m_{202}^{(20)}+2m_{020}^{(10)}m_{111}^{(21)}m_{103}^{(00)}\\
&-2m_{020}^{(10)}m_{111}^{(22)}m_{211}^{(20)}+2m_{020}^{(10)}m_{111}^{(22)}m_{202}^{(10)}+3m_{020}^{(10)}m_{102}^{(00)}m_{121}^{(22)}-2m_{020}^{(10)}m_{102}^{(00)}m_{112}^{(21)}\\
&-m_{020}^{(10)}m_{102}^{(00)}m_{022}^{(20)}-5m_{020}^{(10)}m_{102}^{(10)}m_{211}^{(22)}+3m_{020}^{(10)}m_{102}^{(10)}m_{202}^{(21)}+2m_{020}^{(10)}m_{102}^{(10)}m_{112}^{(20)}\\
&+2m_{020}^{(10)}m_{102}^{(20)}m_{220}^{(22)}-m_{020}^{(10)}m_{102}^{(20)}m_{211}^{(21)}-4m_{020}^{(10)}m_{102}^{(20)}m_{121}^{(20)}+2m_{020}^{(10)}m_{102}^{(20)}m_{112}^{(10)}\\
&+m_{020}^{(10)}m_{102}^{(20)}m_{022}^{(00)}+5m_{020}^{(10)}m_{102}^{(21)}m_{211}^{(20)}-3m_{020}^{(10)}m_{102}^{(21)}m_{202}^{(10)}-2m_{020}^{(10)}m_{102}^{(21)}m_{112}^{(00)}\\
&-2m_{020}^{(10)}m_{102}^{(22)}m_{220}^{(20)}+m_{020}^{(10)}m_{102}^{(22)}m_{211}^{(10)}+m_{020}^{(10)}m_{102}^{(22)}m_{121}^{(00)}-m_{020}^{(10)}m_{021}^{(00)}m_{202}^{(22)}\\
&+m_{020}^{(10)}m_{021}^{(00)}m_{103}^{(20)}+m_{020}^{(10)}m_{021}^{(20)}m_{301}^{(22)}-m_{020}^{(10)}m_{021}^{(20)}m_{103}^{(00)}-m_{020}^{(10)}m_{021}^{(22)}m_{301}^{(20)}\\
&+m_{020}^{(10)}m_{021}^{(22)}m_{202}^{(00)}+3m_{020}^{(10)}m_{012}^{(00)}m_{211}^{(22)}-m_{020}^{(10)}m_{012}^{(00)}m_{202}^{(21)}-2m_{020}^{(10)}m_{012}^{(00)}m_{112}^{(20)}\\
&-m_{020}^{(10)}m_{012}^{(10)}m_{301}^{(22)}+m_{020}^{(10)}m_{012}^{(10)}m_{202}^{(20)}-2m_{020}^{(10)}m_{012}^{(20)}m_{310}^{(22)}+m_{020}^{(10)}m_{012}^{(20)}m_{301}^{(21)}\\
&-2m_{020}^{(10)}m_{012}^{(20)}m_{211}^{(20)}+m_{020}^{(10)}m_{012}^{(20)}m_{202}^{(10)}+2m_{020}^{(10)}m_{012}^{(20)}m_{112}^{(00)}+m_{020}^{(10)}m_{012}^{(21)}m_{301}^{(20)}\\
&-m_{020}^{(10)}m_{012}^{(21)}m_{202}^{(00)}+2m_{020}^{(10)}m_{012}^{(22)}m_{310}^{(20)}-m_{020}^{(10)}m_{012}^{(22)}m_{301}^{(10)}-m_{020}^{(10)}m_{012}^{(22)}m_{211}^{(00)}\\
&-2m_{020}^{(10)}m_{003}^{(00)}m_{220}^{(22)}+m_{020}^{(10)}m_{003}^{(00)}m_{211}^{(21)}+m_{020}^{(10)}m_{003}^{(00)}m_{121}^{(20)}+2m_{020}^{(10)}m_{003}^{(10)}m_{310}^{(22)}\\
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&-m_{020}^{(10)}m_{003}^{(20)}m_{121}^{(00)}-2m_{020}^{(10)}m_{003}^{(21)}m_{310}^{(20)}+m_{020}^{(10)}m_{003}^{(21)}m_{301}^{(10)}+m_{020}^{(10)}m_{003}^{(21)}m_{211}^{(00)}\\
&+m_{020}^{(11)}m_{300}^{(10)}m_{103}^{(22)}-m_{020}^{(11)}m_{300}^{(10)}m_{004}^{(20)}-m_{020}^{(11)}m_{300}^{(20)}m_{112}^{(22)}+m_{020}^{(11)}m_{300}^{(20)}m_{013}^{(20)}\\
&-m_{020}^{(11)}m_{300}^{(21)}m_{103}^{(20)}+m_{020}^{(11)}m_{300}^{(21)}m_{004}^{(00)}+m_{020}^{(11)}m_{300}^{(22)}m_{112}^{(20)}-m_{020}^{(11)}m_{300}^{(22)}m_{013}^{(00)}\\
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&-m_{020}^{(11)}m_{210}^{(22)}m_{202}^{(20)}+m_{020}^{(11)}m_{210}^{(22)}m_{103}^{(00)}+m_{020}^{(11)}m_{201}^{(00)}m_{112}^{(22)}-m_{020}^{(11)}m_{201}^{(00)}m_{013}^{(20)}\\
&-3m_{020}^{(11)}m_{201}^{(10)}m_{202}^{(22)}+3m_{020}^{(11)}m_{201}^{(10)}m_{103}^{(20)}+2m_{020}^{(11)}m_{201}^{(20)}m_{211}^{(22)}-3m_{020}^{(11)}m_{201}^{(20)}m_{112}^{(20)}\\
&+m_{020}^{(11)}m_{201}^{(20)}m_{013}^{(00)}+3m_{020}^{(11)}m_{201}^{(21)}m_{202}^{(20)}-3m_{020}^{(11)}m_{201}^{(21)}m_{103}^{(00)}-2m_{020}^{(11)}m_{201}^{(22)}m_{211}^{(20)}\\
&+2m_{020}^{(11)}m_{201}^{(22)}m_{112}^{(00)}+2m_{020}^{(11)}m_{111}^{(00)}m_{202}^{(22)}-2m_{020}^{(11)}m_{111}^{(00)}m_{103}^{(20)}-2m_{020}^{(11)}m_{111}^{(20)}m_{301}^{(22)}
\end{aligned}
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\begin{aligned}
&+2m_{020}^{(11)}m_{111}^{(20)}m_{103}^{(00)}+2m_{020}^{(11)}m_{111}^{(22)}m_{301}^{(20)}-2m_{020}^{(11)}m_{111}^{(22)}m_{202}^{(00)}-2m_{020}^{(11)}m_{102}^{(00)}m_{211}^{(22)}\\
&+2m_{020}^{(11)}m_{102}^{(00)}m_{112}^{(20)}+3m_{020}^{(11)}m_{102}^{(10)}m_{301}^{(22)}-3m_{020}^{(11)}m_{102}^{(10)}m_{202}^{(20)}-m_{020}^{(11)}m_{102}^{(20)}m_{310}^{(22)}\\
&+3m_{020}^{(11)}m_{102}^{(20)}m_{211}^{(20)}-2m_{020}^{(11)}m_{102}^{(20)}m_{112}^{(00)}-3m_{020}^{(11)}m_{102}^{(21)}m_{301}^{(20)}+3m_{020}^{(11)}m_{102}^{(21)}m_{202}^{(00)}\\
&+m_{020}^{(11)}m_{102}^{(22)}m_{310}^{(20)}-m_{020}^{(11)}m_{102}^{(22)}m_{211}^{(00)}-m_{020}^{(11)}m_{012}^{(00)}m_{301}^{(22)}+m_{020}^{(11)}m_{012}^{(00)}m_{202}^{(20)}\\
&+m_{020}^{(11)}m_{012}^{(20)}m_{400}^{(22)}-m_{020}^{(11)}m_{012}^{(20)}m_{202}^{(00)}-m_{020}^{(11)}m_{012}^{(22)}m_{400}^{(20)}+m_{020}^{(11)}m_{012}^{(22)}m_{301}^{(00)}\\
&+m_{020}^{(11)}m_{003}^{(00)}m_{310}^{(22)}-m_{020}^{(11)}m_{003}^{(00)}m_{211}^{(20)}-m_{020}^{(11)}m_{003}^{(10)}m_{400}^{(22)}+m_{020}^{(11)}m_{003}^{(10)}m_{301}^{(20)}\\
&-m_{020}^{(11)}m_{003}^{(20)}m_{310}^{(20)}+m_{020}^{(11)}m_{003}^{(20)}m_{211}^{(00)}+m_{020}^{(11)}m_{003}^{(21)}m_{400}^{(20)}-m_{020}^{(11)}m_{003}^{(21)}m_{301}^{(00)}\\
&+m_{020}^{(20)}m_{300}^{(10)}m_{022}^{(22)}-m_{020}^{(20)}m_{300}^{(10)}m_{013}^{(21)}-m_{020}^{(20)}m_{300}^{(20)}m_{031}^{(22)}+m_{020}^{(20)}m_{300}^{(20)}m_{022}^{(21)}\\
&-m_{020}^{(20)}m_{300}^{(21)}m_{022}^{(20)}+m_{020}^{(20)}m_{300}^{(21)}m_{013}^{(10)}+m_{020}^{(20)}m_{300}^{(22)}m_{031}^{(20)}-m_{020}^{(20)}m_{300}^{(22)}m_{022}^{(10)}\\
&-m_{020}^{(20)}m_{210}^{(00)}m_{022}^{(22)}+m_{020}^{(20)}m_{210}^{(00)}m_{013}^{(21)}-m_{020}^{(20)}m_{210}^{(10)}m_{112}^{(22)}+2m_{020}^{(20)}m_{210}^{(10)}m_{103}^{(21)}\\
&-m_{020}^{(20)}m_{210}^{(10)}m_{013}^{(20)}+2m_{020}^{(20)}m_{210}^{(20)}m_{121}^{(22)}-3m_{020}^{(20)}m_{210}^{(20)}m_{112}^{(21)}+2m_{020}^{(20)}m_{210}^{(20)}m_{022}^{(20)}\\
&-m_{020}^{(20)}m_{210}^{(20)}m_{013}^{(10)}+m_{020}^{(20)}m_{210}^{(21)}m_{112}^{(20)}-2m_{020}^{(20)}m_{210}^{(21)}m_{103}^{(10)}+m_{020}^{(20)}m_{210}^{(21)}m_{013}^{(00)}\\
&-2m_{020}^{(20)}m_{210}^{(22)}m_{121}^{(20)}+3m_{020}^{(20)}m_{210}^{(22)}m_{112}^{(10)}-m_{020}^{(20)}m_{210}^{(22)}m_{022}^{(00)}+m_{020}^{(20)}m_{201}^{(00)}m_{031}^{(22)}\\
&-m_{020}^{(20)}m_{201}^{(00)}m_{022}^{(21)}-2m_{020}^{(20)}m_{201}^{(10)}m_{121}^{(22)}+m_{020}^{(20)}m_{201}^{(10)}m_{112}^{(21)}+m_{020}^{(20)}m_{201}^{(10)}m_{022}^{(20)}\\
&+m_{020}^{(20)}m_{201}^{(20)}m_{130}^{(22)}-2m_{020}^{(20)}m_{201}^{(20)}m_{031}^{(20)}+m_{020}^{(20)}m_{201}^{(20)}m_{022}^{(10)}+2m_{020}^{(20)}m_{201}^{(21)}m_{121}^{(20)}\\
&-m_{020}^{(20)}m_{201}^{(21)}m_{112}^{(10)}-m_{020}^{(20)}m_{201}^{(21)}m_{022}^{(00)}-m_{020}^{(20)}m_{201}^{(22)}m_{130}^{(20)}+m_{020}^{(20)}m_{201}^{(22)}m_{031}^{(00)}\\
&+m_{020}^{(20)}m_{120}^{(00)}m_{112}^{(22)}-2m_{020}^{(20)}m_{120}^{(00)}m_{103}^{(21)}+m_{020}^{(20)}m_{120}^{(00)}m_{013}^{(20)}-m_{020}^{(20)}m_{120}^{(20)}m_{211}^{(22)}\\
&+2m_{020}^{(20)}m_{120}^{(20)}m_{202}^{(21)}-2m_{020}^{(20)}m_{120}^{(20)}m_{112}^{(20)}+2m_{020}^{(20)}m_{120}^{(20)}m_{103}^{(10)}-m_{020}^{(20)}m_{120}^{(20)}m_{013}^{(00)}\\
&+m_{020}^{(20)}m_{120}^{(22)}m_{211}^{(20)}-2m_{020}^{(20)}m_{120}^{(22)}m_{202}^{(10)}+m_{020}^{(20)}m_{120}^{(22)}m_{112}^{(00)}+2m_{020}^{(20)}m_{111}^{(00)}m_{112}^{(21)}\\
&-2m_{020}^{(20)}m_{111}^{(00)}m_{022}^{(20)}+2m_{020}^{(20)}m_{111}^{(10)}m_{211}^{(22)}-4m_{020}^{(20)}m_{111}^{(10)}m_{202}^{(21)}+2m_{020}^{(20)}m_{111}^{(10)}m_{112}^{(20)}\\
&-2m_{020}^{(20)}m_{111}^{(20)}m_{220}^{(22)}+2m_{020}^{(20)}m_{111}^{(20)}m_{211}^{(21)}-2m_{020}^{(20)}m_{111}^{(20)}m_{112}^{(10)}+2m_{020}^{(20)}m_{111}^{(20)}m_{022}^{(00)}\\
&-2m_{020}^{(20)}m_{111}^{(21)}m_{211}^{(20)}+4m_{020}^{(20)}m_{111}^{(21)}m_{202}^{(10)}-2m_{020}^{(20)}m_{111}^{(21)}m_{112}^{(00)}+2m_{020}^{(20)}m_{111}^{(22)}m_{220}^{(20)}\\
&-2m_{020}^{(20)}m_{111}^{(22)}m_{211}^{(10)}-m_{020}^{(20)}m_{102}^{(00)}m_{130}^{(22)}+m_{020}^{(20)}m_{102}^{(00)}m_{031}^{(20)}+m_{020}^{(20)}m_{102}^{(10)}m_{220}^{(22)}\\
&+m_{020}^{(20)}m_{102}^{(10)}m_{211}^{(21)}-2m_{020}^{(20)}m_{102}^{(10)}m_{121}^{(20)}-m_{020}^{(20)}m_{102}^{(20)}m_{220}^{(21)}+2m_{020}^{(20)}m_{102}^{(20)}m_{130}^{(20)}\\
&-m_{020}^{(20)}m_{102}^{(20)}m_{031}^{(00)}-m_{020}^{(20)}m_{102}^{(21)}m_{220}^{(20)}-m_{020}^{(20)}m_{102}^{(21)}m_{211}^{(10)}+2m_{020}^{(20)}m_{102}^{(21)}m_{121}^{(00)}\\
&+m_{020}^{(20)}m_{102}^{(22)}m_{220}^{(10)}-m_{020}^{(20)}m_{102}^{(22)}m_{130}^{(00)}-m_{020}^{(20)}m_{021}^{(00)}m_{211}^{(22)}+2m_{020}^{(20)}m_{021}^{(00)}m_{202}^{(21)}\\
&-m_{020}^{(20)}m_{021}^{(00)}m_{112}^{(20)}+m_{020}^{(20)}m_{021}^{(20)}m_{310}^{(22)}-2m_{020}^{(20)}m_{021}^{(20)}m_{301}^{(21)}+2m_{020}^{(20)}m_{021}^{(20)}m_{211}^{(20)}\\
&-2m_{020}^{(20)}m_{021}^{(20)}m_{202}^{(10)}+m_{020}^{(20)}m_{021}^{(20)}m_{112}^{(00)}-m_{020}^{(20)}m_{021}^{(22)}m_{310}^{(20)}+2m_{020}^{(20)}m_{021}^{(22)}m_{301}^{(10)}\\
&-m_{020}^{(20)}m_{021}^{(22)}m_{211}^{(00)}+m_{020}^{(20)}m_{012}^{(00)}m_{220}^{(22)}-3m_{020}^{(20)}m_{012}^{(00)}m_{211}^{(21)}+2m_{020}^{(20)}m_{012}^{(00)}m_{121}^{(20)}\\
&-m_{020}^{(20)}m_{012}^{(10)}m_{310}^{(22)}+2m_{020}^{(20)}m_{012}^{(10)}m_{301}^{(21)}-m_{020}^{(20)}m_{012}^{(10)}m_{211}^{(20)}+m_{020}^{(20)}m_{012}^{(20)}m_{310}^{(21)}\\
&-2m_{020}^{(20)}m_{012}^{(20)}m_{220}^{(20)}+3m_{020}^{(20)}m_{012}^{(20)}m_{211}^{(10)}-2m_{020}^{(20)}m_{012}^{(20)}m_{121}^{(00)}+m_{020}^{(20)}m_{012}^{(21)}m_{310}^{(20)}\\
&-2m_{020}^{(20)}m_{012}^{(21)}m_{301}^{(10)}+m_{020}^{(20)}m_{012}^{(21)}m_{211}^{(00)}-m_{020}^{(20)}m_{012}^{(22)}m_{310}^{(10)}+m_{020}^{(20)}m_{012}^{(22)}m_{220}^{(00)}\\
&+m_{020}^{(20)}m_{003}^{(00)}m_{220}^{(21)}-m_{020}^{(20)}m_{003}^{(00)}m_{130}^{(20)}-m_{020}^{(20)}m_{003}^{(10)}m_{310}^{(21)}+m_{020}^{(20)}m_{003}^{(10)}m_{220}^{(20)}\\
&-m_{020}^{(20)}m_{003}^{(20)}m_{220}^{(10)}+m_{020}^{(20)}m_{003}^{(20)}m_{130}^{(00)}+m_{020}^{(20)}m_{003}^{(21)}m_{310}^{(10)}-m_{020}^{(20)}m_{003}^{(21)}m_{220}^{(00)}\\
&-m_{020}^{(21)}m_{300}^{(10)}m_{112}^{(22)}-m_{020}^{(21)}m_{300}^{(10)}m_{103}^{(21)}+2m_{020}^{(21)}m_{300}^{(10)}m_{013}^{(20)}+m_{020}^{(21)}m_{300}^{(20)}m_{121}^{(22)}\\
&+m_{020}^{(21)}m_{300}^{(20)}m_{112}^{(21)}-2m_{020}^{(21)}m_{300}^{(20)}m_{022}^{(20)}+m_{020}^{(21)}m_{300}^{(21)}m_{112}^{(20)}+m_{020}^{(21)}m_{300}^{(21)}m_{103}^{(10)}\\
&-2m_{020}^{(21)}m_{300}^{(21)}m_{013}^{(00)}-m_{020}^{(21)}m_{300}^{(22)}m_{121}^{(20)}-m_{020}^{(21)}m_{300}^{(22)}m_{112}^{(10)}+2m_{020}^{(21)}m_{300}^{(22)}m_{022}^{(00)}\\
&+m_{020}^{(21)}m_{210}^{(00)}m_{112}^{(22)}+m_{020}^{(21)}m_{210}^{(00)}m_{103}^{(21)}-2m_{020}^{(21)}m_{210}^{(00)}m_{013}^{(20)}+m_{020}^{(21)}m_{210}^{(10)}m_{202}^{(22)}
\end{aligned}
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\begin{aligned}
&-m_{020}^{(21)}m_{210}^{(10)}m_{103}^{(20)} - 2m_{020}^{(21)}m_{210}^{(20)}m_{211}^{(22)} - m_{020}^{(21)}m_{210}^{(20)}m_{202}^{(21)} + 2m_{020}^{(21)}m_{210}^{(20)}m_{112}^{(20)}\\
&-m_{020}^{(21)}m_{210}^{(20)}m_{103}^{(10)} + 2m_{020}^{(21)}m_{210}^{(20)}m_{013}^{(00)} - m_{020}^{(21)}m_{210}^{(21)}m_{202}^{(20)} + m_{020}^{(21)}m_{210}^{(21)}m_{103}^{(00)}\\
&+2m_{020}^{(21)}m_{210}^{(22)}m_{211}^{(20)} + m_{020}^{(21)}m_{210}^{(22)}m_{202}^{(10)} - 3m_{020}^{(21)}m_{210}^{(22)}m_{112}^{(00)} - m_{020}^{(21)}m_{201}^{(00)}m_{121}^{(22)}\\
&-m_{020}^{(21)}m_{201}^{(00)}m_{112}^{(21)} + 2m_{020}^{(21)}m_{201}^{(00)}m_{022}^{(20)} + 2m_{020}^{(21)}m_{201}^{(10)}m_{211}^{(22)} + 3m_{020}^{(21)}m_{201}^{(10)}m_{202}^{(21)}\\
&-5m_{020}^{(21)}m_{201}^{(10)}m_{112}^{(20)} - m_{020}^{(21)}m_{201}^{(20)}m_{220}^{(22)} - 2m_{020}^{(21)}m_{201}^{(20)}m_{211}^{(21)} + 4m_{020}^{(21)}m_{201}^{(20)}m_{121}^{(20)}\\
&+m_{020}^{(21)}m_{201}^{(20)}m_{112}^{(10)} - 2m_{020}^{(21)}m_{201}^{(20)}m_{022}^{(00)} - 2m_{020}^{(21)}m_{201}^{(21)}m_{211}^{(20)} - 3m_{020}^{(21)}m_{201}^{(21)}m_{202}^{(10)}\\
&+5m_{020}^{(21)}m_{201}^{(21)}m_{112}^{(00)} + m_{020}^{(21)}m_{201}^{(22)}m_{220}^{(20)} + 2m_{020}^{(21)}m_{201}^{(22)}m_{211}^{(10)} - 3m_{020}^{(21)}m_{201}^{(22)}m_{121}^{(00)}\\
&-m_{020}^{(21)}m_{120}^{(00)}m_{202}^{(22)} + m_{020}^{(21)}m_{120}^{(00)}m_{103}^{(20)} + m_{020}^{(21)}m_{120}^{(20)}m_{301}^{(22)} - m_{020}^{(21)}m_{120}^{(20)}m_{103}^{(00)}\\
&-m_{020}^{(21)}m_{120}^{(22)}m_{301}^{(20)} + m_{020}^{(21)}m_{120}^{(22)}m_{202}^{(00)} - 2m_{020}^{(21)}m_{111}^{(00)}m_{202}^{(21)} + 2m_{020}^{(21)}m_{111}^{(00)}m_{112}^{(20)}\\
&-2m_{020}^{(21)}m_{111}^{(10)}m_{301}^{(22)} + 2m_{020}^{(21)}m_{111}^{(10)}m_{202}^{(20)} + 2m_{020}^{(21)}m_{111}^{(20)}m_{310}^{(22)} + 2m_{020}^{(21)}m_{111}^{(20)}m_{301}^{(21)}\\
&-4m_{020}^{(21)}m_{111}^{(20)}m_{211}^{(20)} + 2m_{020}^{(21)}m_{111}^{(20)}m_{202}^{(10)} - 2m_{020}^{(21)}m_{111}^{(20)}m_{112}^{(00)} + 2m_{020}^{(21)}m_{111}^{(21)}m_{301}^{(20)}\\
&-2m_{020}^{(21)}m_{111}^{(21)}m_{202}^{(00)} - 2m_{020}^{(21)}m_{111}^{(22)}m_{310}^{(20)} - 2m_{020}^{(21)}m_{111}^{(22)}m_{301}^{(10)} + 4m_{020}^{(21)}m_{111}^{(22)}m_{211}^{(00)}\\
&+m_{020}^{(21)}m_{102}^{(00)}m_{220}^{(22)} + 2m_{020}^{(21)}m_{102}^{(00)}m_{211}^{(21)} - 3m_{020}^{(21)}m_{102}^{(00)}m_{121}^{(20)} - m_{020}^{(21)}m_{102}^{(10)}m_{310}^{(22)}\\
&-3m_{020}^{(21)}m_{102}^{(10)}m_{301}^{(21)} + 4m_{020}^{(21)}m_{102}^{(10)}m_{211}^{(20)} + m_{020}^{(21)}m_{102}^{(20)}m_{310}^{(21)} - 2m_{020}^{(21)}m_{102}^{(20)}m_{220}^{(20)}\\
&-2m_{020}^{(21)}m_{102}^{(20)}m_{211}^{(10)} + 3m_{020}^{(21)}m_{102}^{(20)}m_{121}^{(00)} + m_{020}^{(21)}m_{102}^{(21)}m_{310}^{(20)} + 3m_{020}^{(21)}m_{102}^{(21)}m_{301}^{(10)}\\
&-4m_{020}^{(21)}m_{102}^{(21)}m_{211}^{(00)} - m_{020}^{(21)}m_{102}^{(22)}m_{310}^{(10)} + m_{020}^{(21)}m_{102}^{(22)}m_{220}^{(00)} + m_{020}^{(21)}m_{021}^{(00)}m_{301}^{(22)}\\
&-m_{020}^{(21)}m_{021}^{(00)}m_{202}^{(20)} - m_{020}^{(21)}m_{021}^{(20)}m_{400}^{(22)} + m_{020}^{(21)}m_{021}^{(20)}m_{202}^{(00)} + m_{020}^{(21)}m_{021}^{(22)}m_{400}^{(20)}\\
&-m_{020}^{(21)}m_{021}^{(22)}m_{301}^{(00)} - m_{020}^{(21)}m_{012}^{(00)}m_{310}^{(22)} + m_{020}^{(21)}m_{012}^{(00)}m_{301}^{(21)} + m_{020}^{(21)}m_{012}^{(10)}m_{400}^{(22)}\\
&-m_{020}^{(21)}m_{012}^{(10)}m_{301}^{(20)} - m_{020}^{(21)}m_{012}^{(20)}m_{400}^{(21)} + 2m_{020}^{(21)}m_{012}^{(20)}m_{310}^{(20)} - m_{020}^{(21)}m_{012}^{(20)}m_{301}^{(10)}\\
&-m_{020}^{(21)}m_{012}^{(21)}m_{400}^{(20)} + m_{020}^{(21)}m_{012}^{(21)}m_{301}^{(00)} + m_{020}^{(21)}m_{012}^{(22)}m_{400}^{(10)} - m_{020}^{(21)}m_{012}^{(22)}m_{310}^{(00)}\\
&-m_{020}^{(21)}m_{003}^{(00)}m_{310}^{(21)} + m_{020}^{(21)}m_{003}^{(00)}m_{220}^{(20)} + m_{020}^{(21)}m_{003}^{(10)}m_{400}^{(21)} - m_{020}^{(21)}m_{003}^{(10)}m_{310}^{(20)}\\
&+m_{020}^{(21)}m_{003}^{(20)}m_{310}^{(10)} - m_{020}^{(21)}m_{003}^{(20)}m_{220}^{(00)} - m_{020}^{(21)}m_{003}^{(21)}m_{400}^{(10)} + m_{020}^{(21)}m_{003}^{(21)}m_{310}^{(00)}\\
&+m_{020}^{(22)}m_{300}^{(10)}m_{112}^{(21)} - m_{020}^{(22)}m_{300}^{(10)}m_{022}^{(20)} - m_{020}^{(22)}m_{300}^{(20)}m_{121}^{(21)} + m_{020}^{(22)}m_{300}^{(20)}m_{031}^{(20)}\\
&-m_{020}^{(22)}m_{300}^{(21)}m_{112}^{(10)} + m_{020}^{(22)}m_{300}^{(21)}m_{022}^{(00)} + m_{020}^{(22)}m_{300}^{(22)}m_{121}^{(10)} - m_{020}^{(22)}m_{300}^{(22)}m_{031}^{(00)}\\
&-m_{020}^{(22)}m_{210}^{(00)}m_{112}^{(21)} + m_{020}^{(22)}m_{210}^{(00)}m_{022}^{(20)} - m_{020}^{(22)}m_{210}^{(10)}m_{202}^{(21)} + m_{020}^{(22)}m_{210}^{(10)}m_{112}^{(20)}\\
&+2m_{020}^{(22)}m_{210}^{(20)}m_{211}^{(21)} - 2m_{020}^{(22)}m_{210}^{(20)}m_{121}^{(20)} + m_{020}^{(22)}m_{210}^{(20)}m_{112}^{(10)} - m_{020}^{(22)}m_{210}^{(20)}m_{022}^{(00)}\\
&+m_{020}^{(22)}m_{210}^{(21)}m_{202}^{(10)} - m_{020}^{(22)}m_{210}^{(21)}m_{112}^{(00)} - 2m_{020}^{(22)}m_{210}^{(22)}m_{211}^{(10)} + 2m_{020}^{(22)}m_{210}^{(22)}m_{121}^{(00)}\\
&+m_{020}^{(22)}m_{201}^{(00)}m_{121}^{(21)} - m_{020}^{(22)}m_{201}^{(00)}m_{031}^{(20)} - 2m_{020}^{(22)}m_{201}^{(10)}m_{211}^{(21)} + 2m_{020}^{(22)}m_{201}^{(10)}m_{121}^{(20)}\\
&+m_{020}^{(22)}m_{201}^{(20)}m_{220}^{(21)} - m_{020}^{(22)}m_{201}^{(20)}m_{130}^{(20)} - m_{020}^{(22)}m_{201}^{(20)}m_{121}^{(10)} + m_{020}^{(22)}m_{201}^{(20)}m_{031}^{(00)}\\
&+2m_{020}^{(22)}m_{201}^{(21)}m_{211}^{(10)} - 2m_{020}^{(22)}m_{201}^{(21)}m_{121}^{(00)} - m_{020}^{(22)}m_{201}^{(22)}m_{220}^{(10)} + m_{020}^{(22)}m_{201}^{(22)}m_{130}^{(00)}\\
&+m_{020}^{(22)}m_{120}^{(00)}m_{202}^{(21)} - m_{020}^{(22)}m_{120}^{(00)}m_{112}^{(20)} - m_{020}^{(22)}m_{120}^{(20)}m_{301}^{(21)} + m_{020}^{(22)}m_{120}^{(20)}m_{211}^{(20)}\\
&-m_{020}^{(22)}m_{120}^{(20)}m_{202}^{(10)} + m_{020}^{(22)}m_{120}^{(20)}m_{112}^{(00)} + m_{020}^{(22)}m_{120}^{(22)}m_{301}^{(10)} - m_{020}^{(22)}m_{120}^{(22)}m_{211}^{(00)}\\
&+2m_{020}^{(22)}m_{111}^{(10)}m_{301}^{(21)} - 2m_{020}^{(22)}m_{111}^{(10)}m_{211}^{(20)} - 2m_{020}^{(22)}m_{111}^{(20)}m_{310}^{(21)} + 2m_{020}^{(22)}m_{111}^{(20)}m_{220}^{(20)}\\
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&+m_{020}^{(22)}m_{102}^{(20)}m_{220}^{(10)} - m_{020}^{(22)}m_{102}^{(20)}m_{130}^{(00)} - m_{020}^{(22)}m_{102}^{(21)}m_{310}^{(10)} + m_{020}^{(22)}m_{102}^{(21)}m_{220}^{(00)}\\
&-m_{020}^{(22)}m_{021}^{(00)}m_{301}^{(21)} + m_{020}^{(22)}m_{021}^{(00)}m_{211}^{(20)} + m_{020}^{(22)}m_{021}^{(20)}m_{400}^{(21)} - m_{020}^{(22)}m_{021}^{(20)}m_{310}^{(20)}\\
&+m_{020}^{(22)}m_{021}^{(20)}m_{301}^{(10)} - m_{020}^{(22)}m_{021}^{(20)}m_{211}^{(00)} - m_{020}^{(22)}m_{021}^{(22)}m_{400}^{(10)} + m_{020}^{(22)}m_{021}^{(22)}m_{310}^{(00)}
\end{aligned}
$$

$$
\begin{aligned}
&+m_{020}^{(22)}m_{012}^{(00)}m_{310}^{(21)} - m_{020}^{(22)}m_{012}^{(00)}m_{220}^{(20)} - m_{020}^{(22)}m_{012}^{(10)}m_{400}^{(21)} + m_{020}^{(22)}m_{012}^{(10)}m_{310}^{(20)}\\
&-m_{020}^{(22)}m_{012}^{(20)}m_{310}^{(10)} + m_{020}^{(22)}m_{012}^{(20)}m_{220}^{(00)} + m_{020}^{(22)}m_{012}^{(21)}m_{400}^{(10)} - m_{020}^{(22)}m_{012}^{(21)}m_{310}^{(00)}\\
&-m_{011}^{(00)}m_{210}^{(10)}m_{022}^{(22)} + m_{011}^{(00)}m_{210}^{(10)}m_{004}^{(11)} + m_{011}^{(00)}m_{210}^{(11)}m_{013}^{(20)} - m_{011}^{(00)}m_{210}^{(11)}m_{004}^{(10)}\\
&+m_{011}^{(00)}m_{210}^{(20)}m_{031}^{(22)} - m_{011}^{(00)}m_{210}^{(20)}m_{013}^{(11)} - m_{011}^{(00)}m_{210}^{(22)}m_{031}^{(20)} + m_{011}^{(00)}m_{210}^{(22)}m_{022}^{(10)}\\
&+m_{011}^{(00)}m_{201}^{(10)}m_{031}^{(22)} - m_{011}^{(00)}m_{201}^{(10)}m_{013}^{(11)} - m_{011}^{(00)}m_{201}^{(11)}m_{022}^{(20)} + m_{011}^{(00)}m_{201}^{(11)}m_{013}^{(10)}\\
&-m_{011}^{(00)}m_{201}^{(20)}m_{040}^{(22)} + m_{011}^{(00)}m_{201}^{(20)}m_{022}^{(11)} + m_{011}^{(00)}m_{201}^{(22)}m_{040}^{(20)} - m_{011}^{(00)}m_{201}^{(22)}m_{031}^{(10)}\\
&+m_{011}^{(00)}m_{120}^{(00)}m_{022}^{(22)} - m_{011}^{(00)}m_{120}^{(00)}m_{004}^{(11)} + m_{011}^{(00)}m_{120}^{(10)}m_{112}^{(22)} - m_{011}^{(00)}m_{120}^{(10)}m_{103}^{(21)}\\
&-m_{011}^{(00)}m_{120}^{(10)}m_{013}^{(20)} + m_{011}^{(00)}m_{120}^{(10)}m_{004}^{(10)} - 2m_{011}^{(00)}m_{120}^{(20)}m_{121}^{(22)} + m_{011}^{(00)}m_{120}^{(20)}m_{112}^{(21)}\\
&+m_{011}^{(00)}m_{120}^{(20)}m_{103}^{(11)} - m_{011}^{(00)}m_{120}^{(20)}m_{022}^{(20)} + m_{011}^{(00)}m_{120}^{(20)}m_{013}^{(10)} + 2m_{011}^{(00)}m_{120}^{(22)}m_{121}^{(20)}\\
&-2m_{011}^{(00)}m_{120}^{(22)}m_{112}^{(10)} - 2m_{011}^{(00)}m_{111}^{(00)}m_{031}^{(22)} + 2m_{011}^{(00)}m_{111}^{(00)}m_{013}^{(11)} + 2m_{011}^{(00)}m_{111}^{(10)}m_{112}^{(21)}\\
&-2m_{011}^{(00)}m_{111}^{(10)}m_{103}^{(11)} + 2m_{011}^{(00)}m_{111}^{(10)}m_{022}^{(20)} - 2m_{011}^{(00)}m_{111}^{(10)}m_{013}^{(10)} - 2m_{011}^{(00)}m_{111}^{(11)}m_{112}^{(20)}\\
&+2m_{011}^{(00)}m_{111}^{(11)}m_{103}^{(10)} + 2m_{011}^{(00)}m_{111}^{(20)}m_{130}^{(22)} - 2m_{011}^{(00)}m_{111}^{(20)}m_{121}^{(21)} + 2m_{011}^{(00)}m_{111}^{(20)}m_{031}^{(20)}\\
&-2m_{011}^{(00)}m_{111}^{(20)}m_{022}^{(10)} - 2m_{011}^{(00)}m_{111}^{(22)}m_{130}^{(20)} + 2m_{011}^{(00)}m_{111}^{(22)}m_{121}^{(10)} + m_{011}^{(00)}m_{102}^{(00)}m_{040}^{(22)}\\
&-m_{011}^{(00)}m_{102}^{(00)}m_{022}^{(11)} - m_{011}^{(00)}m_{102}^{(10)}m_{130}^{(22)} - m_{011}^{(00)}m_{102}^{(10)}m_{121}^{(21)} + 2m_{011}^{(00)}m_{102}^{(10)}m_{112}^{(11)}\\
&-m_{011}^{(00)}m_{102}^{(10)}m_{031}^{(20)} + m_{011}^{(00)}m_{102}^{(10)}m_{022}^{(10)} + 2m_{011}^{(00)}m_{102}^{(11)}m_{121}^{(20)} - 2m_{011}^{(00)}m_{102}^{(11)}m_{112}^{(10)}\\
&+m_{011}^{(00)}m_{102}^{(20)}m_{130}^{(21)} - m_{011}^{(00)}m_{102}^{(20)}m_{121}^{(11)} - m_{011}^{(00)}m_{102}^{(20)}m_{040}^{(20)} + m_{011}^{(00)}m_{102}^{(20)}m_{031}^{(10)}\\
&-m_{011}^{(00)}m_{030}^{(00)}m_{112}^{(22)} + m_{011}^{(00)}m_{030}^{(00)}m_{103}^{(21)} + m_{011}^{(00)}m_{030}^{(20)}m_{211}^{(22)} - m_{011}^{(00)}m_{030}^{(20)}m_{202}^{(21)}\\
&+m_{011}^{(00)}m_{030}^{(20)}m_{112}^{(20)} - m_{011}^{(00)}m_{030}^{(20)}m_{103}^{(10)} - m_{011}^{(00)}m_{030}^{(22)}m_{211}^{(20)} + m_{011}^{(00)}m_{030}^{(22)}m_{202}^{(10)}\\
&+2m_{011}^{(00)}m_{021}^{(00)}m_{121}^{(22)} - 3m_{011}^{(00)}m_{021}^{(00)}m_{112}^{(21)} + m_{011}^{(00)}m_{021}^{(00)}m_{103}^{(11)} - m_{011}^{(00)}m_{021}^{(10)}m_{211}^{(22)}\\
&+m_{011}^{(00)}m_{021}^{(10)}m_{202}^{(21)} + m_{011}^{(00)}m_{021}^{(10)}m_{112}^{(20)} - m_{011}^{(00)}m_{021}^{(10)}m_{103}^{(10)} - m_{011}^{(00)}m_{021}^{(20)}m_{220}^{(22)}\\
&+2m_{011}^{(00)}m_{021}^{(20)}m_{211}^{(21)} - m_{011}^{(00)}m_{021}^{(20)}m_{202}^{(11)} - 2m_{011}^{(00)}m_{021}^{(20)}m_{121}^{(20)} + 2m_{011}^{(00)}m_{021}^{(20)}m_{112}^{(10)}\\
&+m_{011}^{(00)}m_{021}^{(22)}m_{220}^{(20)} - m_{011}^{(00)}m_{021}^{(22)}m_{211}^{(10)} - m_{011}^{(00)}m_{012}^{(00)}m_{130}^{(22)} + 3m_{011}^{(00)}m_{012}^{(00)}m_{121}^{(21)}\\
&-2m_{011}^{(00)}m_{012}^{(00)}m_{112}^{(11)} + m_{011}^{(00)}m_{012}^{(10)}m_{220}^{(22)} - 2m_{011}^{(00)}m_{012}^{(10)}m_{211}^{(21)} + m_{011}^{(00)}m_{012}^{(10)}m_{202}^{(11)}\\
&-2m_{011}^{(00)}m_{012}^{(10)}m_{121}^{(20)} + 2m_{011}^{(00)}m_{012}^{(10)}m_{112}^{(10)} + m_{011}^{(00)}m_{012}^{(11)}m_{211}^{(20)} - m_{011}^{(00)}m_{012}^{(11)}m_{202}^{(10)}\\
&-m_{011}^{(00)}m_{012}^{(20)}m_{220}^{(21)} + m_{011}^{(00)}m_{012}^{(20)}m_{211}^{(11)} + m_{011}^{(00)}m_{012}^{(20)}m_{130}^{(20)} - m_{011}^{(00)}m_{012}^{(20)}m_{121}^{(10)}\\
&-m_{011}^{(00)}m_{003}^{(00)}m_{130}^{(21)} + m_{011}^{(00)}m_{003}^{(00)}m_{121}^{(11)} + m_{011}^{(00)}m_{003}^{(10)}m_{220}^{(21)} - m_{011}^{(00)}m_{003}^{(10)}m_{211}^{(11)}\\
&+m_{011}^{(00)}m_{003}^{(10)}m_{130}^{(20)} - m_{011}^{(00)}m_{003}^{(10)}m_{121}^{(10)} - m_{011}^{(00)}m_{003}^{(11)}m_{220}^{(20)} + m_{011}^{(00)}m_{003}^{(11)}m_{211}^{(10)}\\
&+m_{011}^{(10)}m_{300}^{(10)}m_{022}^{(22)} - m_{011}^{(10)}m_{300}^{(10)}m_{004}^{(11)} - m_{011}^{(10)}m_{300}^{(11)}m_{013}^{(20)} + m_{011}^{(10)}m_{300}^{(11)}m_{004}^{(10)}\\
&-m_{011}^{(10)}m_{300}^{(20)}m_{031}^{(22)} + m_{011}^{(10)}m_{300}^{(20)}m_{013}^{(11)} + m_{011}^{(10)}m_{300}^{(22)}m_{031}^{(20)} - m_{011}^{(10)}m_{300}^{(22)}m_{022}^{(10)}\\
&-m_{011}^{(10)}m_{210}^{(00)}m_{022}^{(22)} + m_{011}^{(10)}m_{210}^{(00)}m_{004}^{(11)} + 2m_{011}^{(10)}m_{210}^{(10)}m_{103}^{(21)} - 2m_{011}^{(10)}m_{210}^{(10)}m_{004}^{(10)}\\
&-m_{011}^{(10)}m_{210}^{(11)}m_{103}^{(20)} + m_{011}^{(10)}m_{210}^{(11)}m_{004}^{(00)} + m_{011}^{(10)}m_{210}^{(20)}m_{121}^{(22)} - 2m_{011}^{(10)}m_{210}^{(20)}m_{112}^{(21)}\\
&-m_{011}^{(10)}m_{210}^{(20)}m_{103}^{(11)} + 2m_{011}^{(10)}m_{210}^{(20)}m_{022}^{(20)} - m_{011}^{(10)}m_{210}^{(22)}m_{121}^{(20)} + 2m_{011}^{(10)}m_{210}^{(22)}m_{112}^{(10)}\\
&-m_{011}^{(10)}m_{210}^{(22)}m_{022}^{(00)} + m_{011}^{(10)}m_{201}^{(00)}m_{031}^{(22)} - m_{011}^{(10)}m_{201}^{(00)}m_{013}^{(11)} - 3m_{011}^{(10)}m_{201}^{(10)}m_{121}^{(22)}\\
&-2m_{011}^{(10)}m_{201}^{(10)}m_{112}^{(21)} + 3m_{011}^{(10)}m_{201}^{(10)}m_{103}^{(11)} + 2m_{011}^{(10)}m_{201}^{(10)}m_{013}^{(10)} + 4m_{011}^{(10)}m_{201}^{(11)}m_{112}^{(20)}\\
&-3m_{011}^{(10)}m_{201}^{(11)}m_{103}^{(10)} - m_{011}^{(10)}m_{201}^{(11)}m_{013}^{(00)} + 2m_{011}^{(10)}m_{201}^{(20)}m_{130}^{(22)} + 2m_{011}^{(10)}m_{201}^{(20)}m_{121}^{(21)}\\
&-2m_{011}^{(10)}m_{201}^{(20)}m_{112}^{(11)} - 2m_{011}^{(10)}m_{201}^{(20)}m_{031}^{(20)} - 2m_{011}^{(10)}m_{201}^{(22)}m_{130}^{(20)} + m_{011}^{(10)}m_{201}^{(22)}m_{121}^{(10)}\\
&+m_{011}^{(10)}m_{201}^{(22)}m_{031}^{(00)} - 2m_{011}^{(10)}m_{120}^{(00)}m_{103}^{(21)} + m_{011}^{(10)}m_{120}^{(00)}m_{013}^{(20)} + m_{011}^{(10)}m_{120}^{(00)}m_{004}^{(10)}\\
&-m_{011}^{(10)}m_{120}^{(10)}m_{202}^{(22)} + 2m_{011}^{(10)}m_{120}^{(10)}m_{103}^{(20)} - m_{011}^{(10)}m_{120}^{(10)}m_{004}^{(00)} + m_{011}^{(10)}m_{120}^{(20)}m_{211}^{(22)}
\end{aligned}
$$

$$+2m_{011}^{(10)}m_{120}^{(20)}m_{202}^{(21)} - 2m_{011}^{(10)}m_{120}^{(20)}m_{112}^{(20)} - m_{011}^{(10)}m_{120}^{(20)}m_{013}^{(00)} - m_{011}^{(10)}m_{120}^{(22)}m_{211}^{(20)}$$
$$-m_{011}^{(10)}m_{120}^{(22)}m_{202}^{(10)} + 2m_{011}^{(10)}m_{120}^{(22)}m_{112}^{(00)} + 2m_{011}^{(10)}m_{111}^{(00)}m_{121}^{(22)} + 4m_{011}^{(10)}m_{111}^{(00)}m_{112}^{(21)}$$
$$-2m_{011}^{(10)}m_{111}^{(00)}m_{103}^{(11)} - 2m_{011}^{(10)}m_{111}^{(00)}m_{022}^{(20)} - 2m_{011}^{(10)}m_{111}^{(00)}m_{013}^{(10)} + 2m_{011}^{(10)}m_{111}^{(10)}m_{211}^{(22)}$$
$$-4m_{011}^{(10)}m_{111}^{(10)}m_{202}^{(21)} - 4m_{011}^{(10)}m_{111}^{(10)}m_{112}^{(20)} + 4m_{011}^{(10)}m_{111}^{(10)}m_{103}^{(10)} + 2m_{011}^{(10)}m_{111}^{(10)}m_{013}^{(00)}$$
$$+2m_{011}^{(10)}m_{111}^{(11)}m_{202}^{(20)} - 2m_{011}^{(10)}m_{111}^{(11)}m_{103}^{(00)} - 4m_{011}^{(10)}m_{111}^{(20)}m_{220}^{(22)} + 2m_{011}^{(10)}m_{111}^{(20)}m_{202}^{(11)}$$
$$+2m_{011}^{(10)}m_{111}^{(20)}m_{022}^{(00)} + 4m_{011}^{(10)}m_{111}^{(22)}m_{220}^{(20)} - 2m_{011}^{(10)}m_{111}^{(22)}m_{211}^{(10)} - 2m_{011}^{(10)}m_{111}^{(22)}m_{121}^{(00)}$$
$$-2m_{011}^{(10)}m_{102}^{(00)}m_{130}^{(22)} - 2m_{011}^{(10)}m_{102}^{(00)}m_{121}^{(21)} + 2m_{011}^{(10)}m_{102}^{(00)}m_{112}^{(11)} + m_{011}^{(10)}m_{102}^{(00)}m_{031}^{(20)}$$
$$+m_{011}^{(10)}m_{102}^{(00)}m_{022}^{(10)} + 2m_{011}^{(10)}m_{102}^{(10)}m_{220}^{(22)} + 4m_{011}^{(10)}m_{102}^{(10)}m_{211}^{(21)} - 3m_{011}^{(10)}m_{102}^{(10)}m_{202}^{(11)}$$
$$+2m_{011}^{(10)}m_{102}^{(10)}m_{121}^{(20)} - 4m_{011}^{(10)}m_{102}^{(10)}m_{112}^{(10)} - m_{011}^{(10)}m_{102}^{(10)}m_{022}^{(00)} - 5m_{011}^{(10)}m_{102}^{(11)}m_{211}^{(20)}$$
$$+3m_{011}^{(10)}m_{102}^{(11)}m_{202}^{(10)} + 2m_{011}^{(10)}m_{102}^{(11)}m_{112}^{(00)} - 2m_{011}^{(10)}m_{102}^{(20)}m_{220}^{(21)} + m_{011}^{(10)}m_{102}^{(20)}m_{211}^{(11)}$$
$$+2m_{011}^{(10)}m_{102}^{(20)}m_{130}^{(20)} - m_{011}^{(10)}m_{102}^{(20)}m_{031}^{(00)} + m_{011}^{(10)}m_{030}^{(00)}m_{202}^{(22)} - m_{011}^{(10)}m_{030}^{(00)}m_{103}^{(20)}$$
$$-m_{011}^{(10)}m_{030}^{(20)}m_{301}^{(22)} + m_{011}^{(10)}m_{030}^{(20)}m_{103}^{(00)} + m_{011}^{(10)}m_{030}^{(22)}m_{301}^{(20)} - m_{011}^{(10)}m_{030}^{(22)}m_{202}^{(00)}$$
$$-3m_{011}^{(10)}m_{021}^{(00)}m_{211}^{(22)} + 2m_{011}^{(10)}m_{021}^{(00)}m_{202}^{(21)} + 2m_{011}^{(10)}m_{021}^{(00)}m_{112}^{(20)} - m_{011}^{(10)}m_{021}^{(00)}m_{103}^{(10)}$$
$$+m_{011}^{(10)}m_{021}^{(10)}m_{301}^{(22)} - 2m_{011}^{(10)}m_{021}^{(10)}m_{202}^{(20)} + m_{011}^{(10)}m_{021}^{(10)}m_{103}^{(00)} + 2m_{011}^{(10)}m_{021}^{(20)}m_{310}^{(22)}$$
$$-2m_{011}^{(10)}m_{021}^{(20)}m_{301}^{(21)} + 2m_{011}^{(10)}m_{021}^{(20)}m_{211}^{(20)} - 2m_{011}^{(10)}m_{021}^{(20)}m_{112}^{(00)} - 2m_{011}^{(10)}m_{021}^{(22)}m_{310}^{(20)}$$
$$+m_{011}^{(10)}m_{021}^{(22)}m_{301}^{(10)} + m_{011}^{(10)}m_{021}^{(22)}m_{211}^{(00)} + 2m_{011}^{(10)}m_{012}^{(00)}m_{220}^{(22)} - 4m_{011}^{(10)}m_{012}^{(00)}m_{211}^{(21)}$$
$$+m_{011}^{(10)}m_{012}^{(00)}m_{202}^{(11)} - m_{011}^{(10)}m_{012}^{(00)}m_{121}^{(20)} + 2m_{011}^{(10)}m_{012}^{(00)}m_{112}^{(10)} - 2m_{011}^{(10)}m_{012}^{(10)}m_{310}^{(22)}$$
$$+2m_{011}^{(10)}m_{012}^{(10)}m_{301}^{(21)} + 4m_{011}^{(10)}m_{012}^{(10)}m_{211}^{(20)} - 2m_{011}^{(10)}m_{012}^{(10)}m_{202}^{(10)} - 2m_{011}^{(10)}m_{012}^{(10)}m_{112}^{(00)}$$
$$-m_{011}^{(10)}m_{012}^{(11)}m_{301}^{(20)} + m_{011}^{(10)}m_{012}^{(11)}m_{202}^{(00)} + 2m_{011}^{(10)}m_{012}^{(20)}m_{310}^{(21)} - m_{011}^{(10)}m_{012}^{(20)}m_{301}^{(11)}$$
$$-2m_{011}^{(10)}m_{012}^{(20)}m_{220}^{(20)} + m_{011}^{(10)}m_{012}^{(20)}m_{121}^{(00)} + 2m_{011}^{(10)}m_{003}^{(00)}m_{220}^{(21)} - m_{011}^{(10)}m_{003}^{(00)}m_{211}^{(11)}$$
$$-m_{011}^{(10)}m_{003}^{(00)}m_{121}^{(10)} - 2m_{011}^{(10)}m_{003}^{(10)}m_{310}^{(21)} + m_{011}^{(10)}m_{003}^{(10)}m_{301}^{(11)} - 2m_{011}^{(10)}m_{003}^{(10)}m_{220}^{(20)}$$
$$+2m_{011}^{(10)}m_{003}^{(10)}m_{211}^{(10)} + m_{011}^{(10)}m_{003}^{(10)}m_{121}^{(00)} + 2m_{011}^{(10)}m_{003}^{(11)}m_{310}^{(20)} - m_{011}^{(10)}m_{003}^{(11)}m_{301}^{(10)}$$
$$-m_{011}^{(10)}m_{003}^{(11)}m_{211}^{(00)} - m_{011}^{(11)}m_{300}^{(10)}m_{112}^{(22)} - m_{011}^{(11)}m_{300}^{(10)}m_{103}^{(21)} + m_{011}^{(11)}m_{300}^{(10)}m_{013}^{(20)}$$
$$+m_{011}^{(11)}m_{300}^{(10)}m_{004}^{(10)} + m_{011}^{(11)}m_{300}^{(11)}m_{103}^{(20)} - m_{011}^{(11)}m_{300}^{(11)}m_{004}^{(00)} + m_{011}^{(11)}m_{300}^{(20)}m_{121}^{(22)}$$
$$+m_{011}^{(11)}m_{300}^{(20)}m_{112}^{(21)} - m_{011}^{(11)}m_{300}^{(20)}m_{022}^{(20)} - m_{011}^{(11)}m_{300}^{(20)}m_{013}^{(10)} - m_{011}^{(11)}m_{300}^{(22)}m_{121}^{(20)}$$
$$+m_{011}^{(11)}m_{300}^{(22)}m_{022}^{(00)} + m_{011}^{(11)}m_{210}^{(00)}m_{112}^{(22)} + m_{011}^{(11)}m_{210}^{(00)}m_{103}^{(21)} - m_{011}^{(11)}m_{210}^{(00)}m_{013}^{(20)}$$
$$-m_{011}^{(11)}m_{210}^{(00)}m_{004}^{(10)} + m_{011}^{(11)}m_{210}^{(10)}m_{202}^{(22)} - 2m_{011}^{(11)}m_{210}^{(10)}m_{103}^{(20)} + m_{011}^{(11)}m_{210}^{(10)}m_{004}^{(00)}$$
$$-2m_{011}^{(11)}m_{210}^{(20)}m_{211}^{(22)} - m_{011}^{(11)}m_{210}^{(20)}m_{202}^{(21)} + m_{011}^{(11)}m_{210}^{(20)}m_{112}^{(20)} + m_{011}^{(11)}m_{210}^{(20)}m_{103}^{(10)}$$
$$+m_{011}^{(11)}m_{210}^{(20)}m_{013}^{(00)} + 2m_{011}^{(11)}m_{210}^{(22)}m_{211}^{(20)} - 2m_{011}^{(11)}m_{210}^{(22)}m_{112}^{(00)} - m_{011}^{(11)}m_{201}^{(00)}m_{121}^{(22)}$$
$$-m_{011}^{(11)}m_{201}^{(00)}m_{112}^{(21)} + m_{011}^{(11)}m_{201}^{(00)}m_{022}^{(20)} + m_{011}^{(11)}m_{201}^{(00)}m_{013}^{(10)} + 2m_{011}^{(11)}m_{201}^{(10)}m_{211}^{(22)}$$
$$+3m_{011}^{(11)}m_{201}^{(10)}m_{202}^{(21)} - m_{011}^{(11)}m_{201}^{(10)}m_{112}^{(20)} - 3m_{011}^{(11)}m_{201}^{(10)}m_{103}^{(10)} - m_{011}^{(11)}m_{201}^{(10)}m_{013}^{(00)}$$
$$-3m_{011}^{(11)}m_{201}^{(11)}m_{202}^{(20)} + 3m_{011}^{(11)}m_{201}^{(11)}m_{103}^{(00)} - m_{011}^{(11)}m_{201}^{(20)}m_{220}^{(22)} - 2m_{011}^{(11)}m_{201}^{(20)}m_{211}^{(21)}$$
$$+2m_{011}^{(11)}m_{201}^{(20)}m_{121}^{(20)} + 2m_{011}^{(11)}m_{201}^{(20)}m_{112}^{(10)} - m_{011}^{(11)}m_{201}^{(20)}m_{022}^{(00)} + m_{011}^{(11)}m_{201}^{(22)}m_{220}^{(20)}$$
$$-m_{011}^{(11)}m_{201}^{(22)}m_{121}^{(00)} - m_{011}^{(11)}m_{120}^{(00)}m_{202}^{(22)} + m_{011}^{(11)}m_{120}^{(00)}m_{103}^{(20)} + m_{011}^{(11)}m_{120}^{(20)}m_{301}^{(22)}$$
$$-m_{011}^{(11)}m_{120}^{(20)}m_{103}^{(00)} - m_{011}^{(11)}m_{120}^{(22)}m_{301}^{(20)} + m_{011}^{(11)}m_{120}^{(22)}m_{202}^{(00)} - 2m_{011}^{(11)}m_{111}^{(00)}m_{202}^{(21)}$$
$$+2m_{011}^{(11)}m_{111}^{(00)}m_{111}^{(10)} - 2m_{011}^{(11)}m_{111}^{(10)}m_{301}^{(22)} + 4m_{011}^{(11)}m_{111}^{(10)}m_{202}^{(20)} - 2m_{011}^{(11)}m_{111}^{(10)}m_{103}^{(00)}$$
$$+2m_{011}^{(11)}m_{111}^{(20)}m_{310}^{(22)} + 2m_{011}^{(11)}m_{111}^{(20)}m_{301}^{(21)} - 2m_{011}^{(11)}m_{111}^{(20)}m_{211}^{(20)} - 2m_{011}^{(11)}m_{111}^{(20)}m_{202}^{(10)}$$
$$-2m_{011}^{(11)}m_{111}^{(22)}m_{310}^{(20)} + 2m_{011}^{(11)}m_{111}^{(22)}m_{211}^{(00)} + m_{011}^{(11)}m_{102}^{(00)}m_{220}^{(22)} + 2m_{011}^{(11)}m_{102}^{(00)}m_{211}^{(21)}$$

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\begin{aligned}
&-m_{011}^{(11)}m_{102}^{(00)}m_{121}^{(20)} - 2m_{011}^{(11)}m_{102}^{(00)}m_{112}^{(10)} - m_{011}^{(11)}m_{102}^{(10)}m_{310}^{(22)} - 3m_{011}^{(11)}m_{102}^{(10)}m_{301}^{(21)}\\
&-m_{011}^{(11)}m_{102}^{(10)}m_{211}^{(20)} + 3m_{011}^{(11)}m_{102}^{(10)}m_{202}^{(10)} + 2m_{011}^{(11)}m_{102}^{(10)}m_{112}^{(00)} + 3m_{011}^{(11)}m_{102}^{(11)}m_{301}^{(20)}\\
&-3m_{011}^{(11)}m_{102}^{(11)}m_{202}^{(00)} + m_{011}^{(11)}m_{102}^{(20)}m_{310}^{(21)} - m_{011}^{(11)}m_{102}^{(20)}m_{220}^{(20)} - m_{011}^{(11)}m_{102}^{(20)}m_{211}^{(10)}\\
&+m_{011}^{(11)}m_{102}^{(20)}m_{121}^{(00)} + m_{011}^{(11)}m_{021}^{(00)}m_{301}^{(22)} - m_{011}^{(11)}m_{021}^{(00)}m_{202}^{(20)} - m_{011}^{(11)}m_{021}^{(20)}m_{400}^{(22)}\\
&+m_{011}^{(11)}m_{021}^{(20)}m_{202}^{(00)} + m_{011}^{(11)}m_{021}^{(22)}m_{400}^{(20)} - m_{011}^{(11)}m_{021}^{(22)}m_{301}^{(00)} - m_{011}^{(11)}m_{012}^{(00)}m_{310}^{(22)}\\
&+m_{011}^{(11)}m_{012}^{(00)}m_{301}^{(21)} + m_{011}^{(11)}m_{012}^{(00)}m_{211}^{(20)} - m_{011}^{(11)}m_{012}^{(00)}m_{202}^{(10)} + m_{011}^{(11)}m_{012}^{(10)}m_{400}^{(22)}\\
&-2m_{011}^{(11)}m_{012}^{(10)}m_{301}^{(20)} + m_{011}^{(11)}m_{012}^{(10)}m_{202}^{(00)} - m_{011}^{(11)}m_{012}^{(20)}m_{400}^{(21)} + m_{011}^{(11)}m_{012}^{(20)}m_{310}^{(20)}\\
&+m_{011}^{(11)}m_{012}^{(20)}m_{301}^{(10)} - m_{011}^{(11)}m_{012}^{(20)}m_{211}^{(00)} - m_{011}^{(11)}m_{003}^{(00)}m_{310}^{(21)} + m_{011}^{(11)}m_{003}^{(00)}m_{211}^{(10)}\\
&+m_{011}^{(11)}m_{003}^{(10)}m_{400}^{(21)} + m_{011}^{(11)}m_{003}^{(10)}m_{310}^{(20)} - m_{011}^{(11)}m_{003}^{(10)}m_{301}^{(10)} - m_{011}^{(11)}m_{003}^{(10)}m_{211}^{(00)}\\
&-m_{011}^{(11)}m_{003}^{(11)}m_{400}^{(20)} + m_{011}^{(11)}m_{003}^{(11)}m_{301}^{(00)} - m_{011}^{(20)}m_{300}^{(10)}m_{031}^{(22)} + m_{011}^{(20)}m_{300}^{(10)}m_{013}^{(11)}\\
&+m_{011}^{(20)}m_{300}^{(11)}m_{022}^{(20)} - m_{011}^{(20)}m_{300}^{(11)}m_{013}^{(10)} + m_{011}^{(20)}m_{300}^{(20)}m_{040}^{(22)} - m_{011}^{(20)}m_{300}^{(20)}m_{022}^{(11)}\\
&-m_{011}^{(20)}m_{300}^{(22)}m_{040}^{(20)} + m_{011}^{(20)}m_{300}^{(22)}m_{031}^{(10)} + m_{011}^{(20)}m_{210}^{(00)}m_{031}^{(22)} - m_{011}^{(20)}m_{210}^{(00)}m_{013}^{(11)}\\
&+2m_{011}^{(20)}m_{210}^{(10)}m_{121}^{(22)} - 2m_{011}^{(20)}m_{210}^{(10)}m_{112}^{(21)} - 2m_{011}^{(20)}m_{210}^{(10)}m_{103}^{(11)} + 2m_{011}^{(20)}m_{210}^{(10)}m_{013}^{(10)}\\
&-m_{011}^{(20)}m_{210}^{(11)}m_{112}^{(20)} + 2m_{011}^{(20)}m_{210}^{(11)}m_{103}^{(10)} - m_{011}^{(20)}m_{210}^{(11)}m_{013}^{(00)} - 3m_{011}^{(20)}m_{210}^{(20)}m_{130}^{(22)}\\
&+2m_{011}^{(20)}m_{210}^{(20)}m_{121}^{(21)} + 3m_{011}^{(20)}m_{210}^{(20)}m_{112}^{(11)} - 2m_{011}^{(20)}m_{210}^{(20)}m_{031}^{(20)} + 3m_{011}^{(20)}m_{210}^{(22)}m_{130}^{(20)}\\
&-4m_{011}^{(20)}m_{210}^{(22)}m_{121}^{(10)} + m_{011}^{(20)}m_{210}^{(22)}m_{031}^{(00)} - m_{011}^{(20)}m_{201}^{(00)}m_{040}^{(22)} + m_{011}^{(20)}m_{201}^{(00)}m_{022}^{(11)}\\
&+m_{011}^{(20)}m_{201}^{(10)}m_{130}^{(22)} + 2m_{011}^{(20)}m_{201}^{(10)}m_{121}^{(21)} - m_{011}^{(20)}m_{201}^{(10)}m_{112}^{(11)} - 2m_{011}^{(20)}m_{201}^{(10)}m_{022}^{(10)}\\
&-2m_{011}^{(20)}m_{201}^{(11)}m_{121}^{(20)} + m_{011}^{(20)}m_{201}^{(11)}m_{112}^{(10)} + m_{011}^{(20)}m_{201}^{(11)}m_{022}^{(00)} - 2m_{011}^{(20)}m_{201}^{(20)}m_{130}^{(21)}\\
&+2m_{011}^{(20)}m_{201}^{(20)}m_{040}^{(20)} + m_{011}^{(20)}m_{201}^{(22)}m_{130}^{(10)} - m_{011}^{(20)}m_{201}^{(22)}m_{040}^{(00)} - 2m_{011}^{(20)}m_{120}^{(00)}m_{121}^{(22)}\\
&+2m_{011}^{(20)}m_{120}^{(00)}m_{112}^{(21)} + 2m_{011}^{(20)}m_{120}^{(00)}m_{103}^{(11)} - m_{011}^{(20)}m_{120}^{(00)}m_{022}^{(20)} - m_{011}^{(20)}m_{120}^{(00)}m_{013}^{(10)}\\
&-m_{011}^{(20)}m_{120}^{(10)}m_{211}^{(22)} + 2m_{011}^{(20)}m_{120}^{(10)}m_{202}^{(21)} - 2m_{011}^{(20)}m_{120}^{(10)}m_{103}^{(10)} + m_{011}^{(20)}m_{120}^{(10)}m_{013}^{(00)}\\
&+3m_{011}^{(20)}m_{120}^{(20)}m_{220}^{(22)} - 4m_{011}^{(20)}m_{120}^{(20)}m_{211}^{(21)} - 2m_{011}^{(20)}m_{120}^{(20)}m_{202}^{(11)} + 4m_{011}^{(20)}m_{120}^{(20)}m_{121}^{(20)}\\
&-2m_{011}^{(20)}m_{120}^{(20)}m_{112}^{(10)} + m_{011}^{(20)}m_{120}^{(20)}m_{022}^{(00)} - 3m_{011}^{(20)}m_{120}^{(22)}m_{220}^{(20)} + 5m_{011}^{(20)}m_{120}^{(22)}m_{211}^{(10)}\\
&-2m_{011}^{(20)}m_{120}^{(22)}m_{121}^{(00)} + 2m_{011}^{(20)}m_{111}^{(00)}m_{130}^{(22)} - 4m_{011}^{(20)}m_{111}^{(00)}m_{121}^{(21)} - 2m_{011}^{(20)}m_{111}^{(00)}m_{112}^{(11)}\\
&+2m_{011}^{(20)}m_{111}^{(00)}m_{031}^{(20)} + 2m_{011}^{(20)}m_{111}^{(00)}m_{022}^{(10)} - 2m_{011}^{(20)}m_{111}^{(10)}m_{220}^{(22)} + 4m_{011}^{(20)}m_{111}^{(10)}m_{202}^{(11)}\\
&-2m_{011}^{(20)}m_{111}^{(10)}m_{022}^{(00)} + 2m_{011}^{(20)}m_{111}^{(11)}m_{211}^{(20)} - 4m_{011}^{(20)}m_{111}^{(11)}m_{202}^{(10)} + 2m_{011}^{(20)}m_{111}^{(11)}m_{112}^{(00)}\\
&+4m_{011}^{(20)}m_{111}^{(20)}m_{220}^{(21)} - 2m_{011}^{(20)}m_{111}^{(20)}m_{211}^{(11)} - 4m_{011}^{(20)}m_{111}^{(20)}m_{130}^{(20)} + 4m_{011}^{(20)}m_{111}^{(20)}m_{121}^{(10)}\\
&-2m_{011}^{(20)}m_{111}^{(20)}m_{031}^{(00)} - 2m_{011}^{(20)}m_{111}^{(22)}m_{220}^{(10)} + 2m_{011}^{(20)}m_{111}^{(22)}m_{130}^{(00)} + 2m_{011}^{(20)}m_{102}^{(00)}m_{130}^{(21)}\\
&-m_{011}^{(20)}m_{102}^{(00)}m_{040}^{(20)} - m_{011}^{(20)}m_{102}^{(00)}m_{031}^{(10)} - 2m_{011}^{(20)}m_{102}^{(10)}m_{220}^{(21)} - m_{011}^{(20)}m_{102}^{(10)}m_{211}^{(11)}\\
&+2m_{011}^{(20)}m_{102}^{(10)}m_{121}^{(10)} + m_{011}^{(20)}m_{102}^{(10)}m_{031}^{(00)} + m_{011}^{(20)}m_{102}^{(11)}m_{220}^{(20)} + m_{011}^{(20)}m_{102}^{(11)}m_{211}^{(10)}\\
&-2m_{011}^{(20)}m_{102}^{(11)}m_{121}^{(00)} + m_{011}^{(20)}m_{102}^{(20)}m_{220}^{(11)} - 2m_{011}^{(20)}m_{102}^{(20)}m_{130}^{(10)} + m_{011}^{(20)}m_{102}^{(20)}m_{040}^{(00)}\\
&+m_{011}^{(20)}m_{030}^{(00)}m_{211}^{(22)} - 2m_{011}^{(20)}m_{030}^{(00)}m_{202}^{(21)} + m_{011}^{(20)}m_{030}^{(00)}m_{112}^{(20)} - m_{011}^{(20)}m_{030}^{(20)}m_{310}^{(22)}\\
&+2m_{011}^{(20)}m_{030}^{(20)}m_{301}^{(21)} - 2m_{011}^{(20)}m_{030}^{(20)}m_{211}^{(20)} + 2m_{011}^{(20)}m_{030}^{(20)}m_{202}^{(10)} - m_{011}^{(20)}m_{030}^{(20)}m_{112}^{(00)}\\
&+m_{011}^{(20)}m_{030}^{(22)}m_{310}^{(20)} - 2m_{011}^{(20)}m_{030}^{(22)}m_{301}^{(10)} + m_{011}^{(20)}m_{030}^{(22)}m_{211}^{(00)} - m_{011}^{(20)}m_{021}^{(00)}m_{220}^{(22)}\\
&+4m_{011}^{(20)}m_{021}^{(00)}m_{211}^{(21)} - 2m_{011}^{(20)}m_{021}^{(00)}m_{202}^{(11)} - 2m_{011}^{(20)}m_{021}^{(00)}m_{121}^{(20)} + m_{011}^{(20)}m_{021}^{(00)}m_{112}^{(10)}\\
&+m_{011}^{(20)}m_{021}^{(10)}m_{310}^{(22)} - 2m_{011}^{(20)}m_{021}^{(10)}m_{301}^{(21)} + 2m_{011}^{(20)}m_{021}^{(10)}m_{202}^{(10)} - m_{011}^{(20)}m_{021}^{(10)}m_{112}^{(00)}\\
&-2m_{011}^{(20)}m_{021}^{(20)}m_{310}^{(21)} + 2m_{011}^{(20)}m_{021}^{(20)}m_{301}^{(11)} + 2m_{011}^{(20)}m_{021}^{(20)}m_{220}^{(20)} - 4m_{011}^{(20)}m_{021}^{(20)}m_{211}^{(10)}\\
&+2m_{011}^{(20)}m_{021}^{(20)}m_{121}^{(00)} + m_{011}^{(20)}m_{021}^{(22)}m_{310}^{(10)} - m_{011}^{(20)}m_{021}^{(22)}m_{220}^{(00)} - 2m_{011}^{(20)}m_{012}^{(00)}m_{220}^{(21)}
\end{aligned}
$$

$$+3m_{011}^{(20)}m_{012}^{(00)}m_{211}^{(11)}+m_{011}^{(20)}m_{012}^{(00)}m_{130}^{(20)}-2m_{011}^{(20)}m_{012}^{(00)}m_{121}^{(10)}+2m_{011}^{(20)}m_{012}^{(10)}m_{310}^{(21)}$$
$$-2m_{011}^{(20)}m_{012}^{(10)}m_{301}^{(11)}-2m_{011}^{(20)}m_{012}^{(10)}m_{211}^{(10)}+2m_{011}^{(20)}m_{012}^{(10)}m_{121}^{(00)}-m_{011}^{(20)}m_{012}^{(11)}m_{310}^{(20)}$$
$$+2m_{011}^{(20)}m_{012}^{(11)}m_{301}^{(10)}-m_{011}^{(20)}m_{012}^{(11)}m_{211}^{(00)}-m_{011}^{(20)}m_{012}^{(20)}m_{310}^{(11)}+2m_{011}^{(20)}m_{012}^{(20)}m_{220}^{(10)}$$
$$-m_{011}^{(20)}m_{012}^{(20)}m_{130}^{(00)}-m_{011}^{(20)}m_{003}^{(00)}m_{220}^{(11)}+m_{011}^{(20)}m_{003}^{(00)}m_{130}^{(10)}+m_{011}^{(20)}m_{003}^{(10)}m_{310}^{(11)}$$
$$-m_{011}^{(20)}m_{003}^{(10)}m_{130}^{(00)}-m_{011}^{(20)}m_{003}^{(11)}m_{310}^{(10)}+m_{011}^{(20)}m_{003}^{(11)}m_{220}^{(00)}+m_{011}^{(21)}m_{300}^{(10)}m_{121}^{(22)}$$
$$+2m_{011}^{(21)}m_{300}^{(10)}m_{112}^{(21)}+m_{011}^{(21)}m_{300}^{(10)}m_{103}^{(11)}-2m_{011}^{(21)}m_{300}^{(10)}m_{022}^{(20)}-2m_{011}^{(21)}m_{300}^{(10)}m_{013}^{(10)}$$
$$-m_{011}^{(21)}m_{300}^{(11)}m_{112}^{(20)}-m_{011}^{(21)}m_{300}^{(11)}m_{103}^{(10)}+2m_{011}^{(21)}m_{300}^{(11)}m_{013}^{(00)}-m_{011}^{(21)}m_{300}^{(20)}m_{130}^{(22)}$$
$$-2m_{011}^{(21)}m_{300}^{(20)}m_{121}^{(21)}-m_{011}^{(21)}m_{300}^{(20)}m_{112}^{(11)}+2m_{011}^{(21)}m_{300}^{(20)}m_{031}^{(20)}+2m_{011}^{(21)}m_{300}^{(20)}m_{022}^{(10)}$$
$$+m_{011}^{(21)}m_{300}^{(22)}m_{130}^{(20)}+m_{011}^{(21)}m_{300}^{(22)}m_{121}^{(10)}-2m_{011}^{(21)}m_{300}^{(22)}m_{031}^{(00)}-m_{011}^{(21)}m_{210}^{(00)}m_{121}^{(22)}$$
$$-2m_{011}^{(21)}m_{210}^{(00)}m_{112}^{(21)}-m_{011}^{(21)}m_{210}^{(00)}m_{103}^{(11)}+2m_{011}^{(21)}m_{210}^{(00)}m_{022}^{(20)}+2m_{011}^{(21)}m_{210}^{(00)}m_{013}^{(10)}$$
$$-2m_{011}^{(21)}m_{210}^{(10)}m_{211}^{(22)}-2m_{011}^{(21)}m_{210}^{(10)}m_{202}^{(21)}+4m_{011}^{(21)}m_{210}^{(10)}m_{112}^{(20)}+2m_{011}^{(21)}m_{210}^{(10)}m_{103}^{(10)}$$
$$-2m_{011}^{(21)}m_{210}^{(10)}m_{013}^{(00)}+m_{011}^{(21)}m_{210}^{(11)}m_{202}^{(20)}-m_{011}^{(21)}m_{210}^{(11)}m_{103}^{(00)}+3m_{011}^{(21)}m_{210}^{(20)}m_{220}^{(22)}$$
$$+4m_{011}^{(21)}m_{210}^{(20)}m_{211}^{(21)}+m_{011}^{(21)}m_{210}^{(20)}m_{202}^{(11)}-4m_{011}^{(21)}m_{210}^{(20)}m_{121}^{(20)}-2m_{011}^{(21)}m_{210}^{(20)}m_{112}^{(10)}$$
$$-2m_{011}^{(21)}m_{210}^{(20)}m_{022}^{(00)}-3m_{011}^{(21)}m_{210}^{(22)}m_{220}^{(20)}-2m_{011}^{(21)}m_{210}^{(22)}m_{211}^{(10)}+5m_{011}^{(21)}m_{210}^{(22)}m_{121}^{(00)}$$
$$+m_{011}^{(21)}m_{201}^{(00)}m_{130}^{(22)}+2m_{011}^{(21)}m_{201}^{(00)}m_{121}^{(21)}+m_{011}^{(21)}m_{201}^{(00)}m_{112}^{(11)}-2m_{011}^{(21)}m_{201}^{(00)}m_{031}^{(20)}$$
$$-2m_{011}^{(21)}m_{201}^{(00)}m_{022}^{(10)}-m_{011}^{(21)}m_{201}^{(10)}m_{220}^{(22)}-4m_{011}^{(21)}m_{201}^{(10)}m_{211}^{(21)}-3m_{011}^{(21)}m_{201}^{(10)}m_{202}^{(11)}$$
$$+2m_{011}^{(21)}m_{201}^{(10)}m_{121}^{(20)}+4m_{011}^{(21)}m_{201}^{(10)}m_{112}^{(10)}+2m_{011}^{(21)}m_{201}^{(10)}m_{022}^{(00)}+2m_{011}^{(21)}m_{201}^{(11)}m_{211}^{(20)}$$
$$+3m_{011}^{(21)}m_{201}^{(11)}m_{202}^{(10)}-5m_{011}^{(21)}m_{201}^{(11)}m_{112}^{(00)}+2m_{011}^{(21)}m_{201}^{(20)}m_{220}^{(21)}+2m_{011}^{(21)}m_{201}^{(20)}m_{211}^{(11)}$$
$$-2m_{011}^{(21)}m_{201}^{(20)}m_{130}^{(20)}-4m_{011}^{(21)}m_{201}^{(20)}m_{121}^{(10)}+2m_{011}^{(21)}m_{201}^{(20)}m_{031}^{(00)}-m_{011}^{(21)}m_{201}^{(22)}m_{220}^{(10)}$$
$$+m_{011}^{(21)}m_{201}^{(22)}m_{130}^{(00)}+2m_{011}^{(21)}m_{120}^{(00)}m_{211}^{(22)}+2m_{011}^{(21)}m_{120}^{(00)}m_{202}^{(21)}-3m_{011}^{(21)}m_{120}^{(00)}m_{112}^{(20)}$$
$$-m_{011}^{(21)}m_{120}^{(00)}m_{103}^{(10)}+m_{011}^{(21)}m_{120}^{(10)}m_{301}^{(22)}-2m_{011}^{(21)}m_{120}^{(10)}m_{202}^{(20)}+m_{011}^{(21)}m_{120}^{(10)}m_{103}^{(00)}$$
$$-3m_{011}^{(21)}m_{120}^{(20)}m_{310}^{(22)}-2m_{011}^{(21)}m_{120}^{(20)}m_{301}^{(21)}+2m_{011}^{(21)}m_{120}^{(20)}m_{211}^{(20)}+3m_{011}^{(21)}m_{120}^{(20)}m_{112}^{(00)}$$
$$+3m_{011}^{(21)}m_{120}^{(22)}m_{310}^{(20)}+m_{011}^{(21)}m_{120}^{(22)}m_{301}^{(10)}-4m_{011}^{(21)}m_{120}^{(22)}m_{211}^{(00)}-2m_{011}^{(21)}m_{111}^{(00)}m_{220}^{(22)}$$
$$+2m_{011}^{(21)}m_{111}^{(00)}m_{202}^{(11)}+2m_{011}^{(21)}m_{111}^{(00)}m_{121}^{(20)}-2m_{011}^{(21)}m_{111}^{(00)}m_{112}^{(10)}+2m_{011}^{(21)}m_{111}^{(10)}m_{310}^{(22)}$$
$$+4m_{011}^{(21)}m_{111}^{(10)}m_{301}^{(21)}-4m_{011}^{(21)}m_{111}^{(10)}m_{211}^{(20)}-4m_{011}^{(21)}m_{111}^{(10)}m_{202}^{(10)}+2m_{011}^{(21)}m_{111}^{(10)}m_{112}^{(00)}$$
$$-2m_{011}^{(21)}m_{111}^{(11)}m_{301}^{(20)}+2m_{011}^{(21)}m_{111}^{(11)}m_{202}^{(00)}-4m_{011}^{(21)}m_{111}^{(20)}m_{310}^{(21)}-2m_{011}^{(21)}m_{111}^{(20)}m_{301}^{(11)}$$
$$+4m_{011}^{(21)}m_{111}^{(20)}m_{220}^{(20)}+4m_{011}^{(21)}m_{111}^{(20)}m_{211}^{(10)}-2m_{011}^{(21)}m_{111}^{(20)}m_{121}^{(00)}+2m_{011}^{(21)}m_{111}^{(22)}m_{310}^{(10)}$$
$$-2m_{011}^{(21)}m_{111}^{(22)}m_{220}^{(00)}-2m_{011}^{(21)}m_{102}^{(00)}m_{220}^{(21)}-2m_{011}^{(21)}m_{102}^{(00)}m_{211}^{(11)}+m_{011}^{(21)}m_{102}^{(00)}m_{130}^{(20)}$$
$$+3m_{011}^{(21)}m_{102}^{(00)}m_{121}^{(10)}+2m_{011}^{(21)}m_{102}^{(10)}m_{310}^{(21)}+3m_{011}^{(21)}m_{102}^{(10)}m_{301}^{(11)}-2m_{011}^{(21)}m_{102}^{(10)}m_{211}^{(10)}$$
$$-3m_{011}^{(21)}m_{102}^{(10)}m_{121}^{(00)}-m_{011}^{(21)}m_{102}^{(11)}m_{310}^{(20)}-3m_{011}^{(21)}m_{102}^{(11)}m_{301}^{(10)}+4m_{011}^{(21)}m_{102}^{(11)}m_{211}^{(00)}$$
$$-m_{011}^{(21)}m_{102}^{(20)}m_{310}^{(11)}+2m_{011}^{(21)}m_{102}^{(20)}m_{220}^{(10)}-m_{011}^{(21)}m_{102}^{(20)}m_{130}^{(00)}-m_{011}^{(21)}m_{030}^{(00)}m_{301}^{(22)}$$
$$+m_{011}^{(21)}m_{030}^{(00)}m_{202}^{(20)}+m_{011}^{(21)}m_{030}^{(20)}m_{400}^{(22)}-m_{011}^{(21)}m_{030}^{(20)}m_{202}^{(00)}-m_{011}^{(21)}m_{030}^{(22)}m_{400}^{(20)}$$
$$+m_{011}^{(21)}m_{030}^{(22)}m_{301}^{(00)}+m_{011}^{(21)}m_{021}^{(00)}m_{310}^{(22)}-2m_{011}^{(21)}m_{021}^{(00)}m_{301}^{(21)}+m_{011}^{(21)}m_{021}^{(00)}m_{202}^{(10)}$$
$$-m_{011}^{(21)}m_{021}^{(10)}m_{400}^{(22)}+2m_{011}^{(21)}m_{021}^{(10)}m_{301}^{(20)}-m_{011}^{(21)}m_{021}^{(10)}m_{202}^{(00)}+2m_{011}^{(21)}m_{021}^{(20)}m_{400}^{(21)}$$
$$-2m_{011}^{(21)}m_{021}^{(20)}m_{310}^{(20)}-m_{011}^{(21)}m_{021}^{(22)}m_{400}^{(10)}+m_{011}^{(21)}m_{021}^{(22)}m_{310}^{(00)}+2m_{011}^{(21)}m_{012}^{(00)}m_{310}^{(21)}$$
$$-m_{011}^{(21)}m_{012}^{(00)}m_{301}^{(11)}-m_{011}^{(21)}m_{012}^{(00)}m_{220}^{(20)}-2m_{011}^{(21)}m_{012}^{(10)}m_{400}^{(21)}+2m_{011}^{(21)}m_{012}^{(10)}m_{301}^{(10)}$$
$$+m_{011}^{(21)}m_{012}^{(11)}m_{400}^{(20)}-m_{011}^{(21)}m_{012}^{(11)}m_{301}^{(00)}+m_{011}^{(21)}m_{012}^{(20)}m_{400}^{(11)}-2m_{011}^{(21)}m_{012}^{(20)}m_{310}^{(10)}$$
$$+m_{011}^{(21)}m_{012}^{(20)}m_{220}^{(00)}+m_{011}^{(21)}m_{003}^{(00)}m_{310}^{(11)}-m_{011}^{(21)}m_{003}^{(00)}m_{220}^{(10)}-m_{011}^{(21)}m_{003}^{(10)}m_{400}^{(11)}$$

$$
\begin{aligned}
&+m_{011}^{(21)}m_{003}^{(10)}m_{220}^{(00)}+m_{011}^{(21)}m_{003}^{(11)}m_{400}^{(10)}-m_{011}^{(21)}m_{003}^{(11)}m_{310}^{(00)}-m_{011}^{(22)}m_{300}^{(10)}m_{121}^{(21)}\\
&-m_{011}^{(22)}m_{300}^{(10)}m_{112}^{(11)}+m_{011}^{(22)}m_{300}^{(10)}m_{031}^{(20)}+m_{011}^{(22)}m_{300}^{(10)}m_{022}^{(10)}+m_{011}^{(22)}m_{300}^{(11)}m_{112}^{(10)}\\
&-m_{011}^{(22)}m_{300}^{(11)}m_{022}^{(00)}+m_{011}^{(22)}m_{300}^{(20)}m_{130}^{(21)}+m_{011}^{(22)}m_{300}^{(20)}m_{121}^{(11)}-m_{011}^{(22)}m_{300}^{(20)}m_{040}^{(20)}\\
&-m_{011}^{(22)}m_{300}^{(20)}m_{031}^{(10)}-m_{011}^{(22)}m_{300}^{(22)}m_{130}^{(10)}+m_{011}^{(22)}m_{300}^{(22)}m_{040}^{(00)}+m_{011}^{(22)}m_{210}^{(00)}m_{121}^{(21)}\\
&+m_{011}^{(22)}m_{210}^{(00)}m_{112}^{(11)}-m_{011}^{(22)}m_{210}^{(00)}m_{031}^{(20)}-m_{011}^{(22)}m_{210}^{(00)}m_{022}^{(10)}+2m_{011}^{(22)}m_{210}^{(10)}m_{211}^{(21)}\\
&+m_{011}^{(22)}m_{210}^{(10)}m_{202}^{(11)}-2m_{011}^{(22)}m_{210}^{(10)}m_{121}^{(20)}-2m_{011}^{(22)}m_{210}^{(10)}m_{112}^{(10)}+m_{011}^{(22)}m_{210}^{(10)}m_{022}^{(00)}\\
&-m_{011}^{(22)}m_{210}^{(11)}m_{202}^{(10)}+m_{011}^{(22)}m_{210}^{(11)}m_{112}^{(00)}-3m_{011}^{(22)}m_{210}^{(20)}m_{220}^{(21)}-2m_{011}^{(22)}m_{210}^{(20)}m_{211}^{(11)}\\
&+3m_{011}^{(22)}m_{210}^{(20)}m_{130}^{(20)}+m_{011}^{(22)}m_{210}^{(20)}m_{121}^{(10)}+m_{011}^{(22)}m_{210}^{(20)}m_{031}^{(00)}+3m_{011}^{(22)}m_{210}^{(22)}m_{220}^{(10)}\\
&-3m_{011}^{(22)}m_{210}^{(22)}m_{130}^{(00)}-m_{011}^{(22)}m_{201}^{(00)}m_{130}^{(21)}-m_{011}^{(22)}m_{201}^{(00)}m_{121}^{(11)}+m_{011}^{(22)}m_{201}^{(00)}m_{040}^{(20)}\\
&+m_{011}^{(22)}m_{201}^{(00)}m_{031}^{(10)}+m_{011}^{(22)}m_{201}^{(10)}m_{220}^{(21)}+2m_{011}^{(22)}m_{201}^{(10)}m_{211}^{(11)}-m_{011}^{(22)}m_{201}^{(10)}m_{130}^{(20)}\\
&-m_{011}^{(22)}m_{201}^{(10)}m_{121}^{(10)}-m_{011}^{(22)}m_{201}^{(10)}m_{031}^{(00)}-2m_{011}^{(22)}m_{201}^{(11)}m_{211}^{(10)}+2m_{011}^{(22)}m_{201}^{(11)}m_{121}^{(00)}\\
&-m_{011}^{(22)}m_{201}^{(20)}m_{220}^{(11)}+2m_{011}^{(22)}m_{201}^{(20)}m_{130}^{(10)}-m_{011}^{(22)}m_{201}^{(20)}m_{040}^{(00)}-2m_{011}^{(22)}m_{120}^{(00)}m_{211}^{(21)}\\
&-m_{011}^{(22)}m_{120}^{(00)}m_{202}^{(11)}+2m_{011}^{(22)}m_{120}^{(00)}m_{121}^{(20)}+m_{011}^{(22)}m_{120}^{(00)}m_{112}^{(10)}-m_{011}^{(22)}m_{120}^{(10)}m_{301}^{(21)}\\
&+m_{011}^{(22)}m_{120}^{(10)}m_{211}^{(20)}+m_{011}^{(22)}m_{120}^{(10)}m_{202}^{(10)}-m_{011}^{(22)}m_{120}^{(10)}m_{112}^{(00)}+3m_{011}^{(22)}m_{120}^{(20)}m_{310}^{(21)}\\
&+m_{011}^{(22)}m_{120}^{(20)}m_{301}^{(11)}-3m_{011}^{(22)}m_{120}^{(20)}m_{220}^{(20)}+m_{011}^{(22)}m_{120}^{(20)}m_{211}^{(10)}-2m_{011}^{(22)}m_{120}^{(20)}m_{121}^{(00)}\\
&-3m_{011}^{(22)}m_{120}^{(22)}m_{310}^{(10)}+3m_{011}^{(22)}m_{120}^{(22)}m_{220}^{(00)}+2m_{011}^{(22)}m_{111}^{(00)}m_{220}^{(21)}-2m_{011}^{(22)}m_{111}^{(00)}m_{130}^{(20)}\\
&-2m_{011}^{(22)}m_{111}^{(10)}m_{310}^{(21)}-2m_{011}^{(22)}m_{111}^{(10)}m_{301}^{(11)}+2m_{011}^{(22)}m_{111}^{(10)}m_{220}^{(20)}+2m_{011}^{(22)}m_{111}^{(10)}m_{211}^{(10)}\\
&+2m_{011}^{(22)}m_{111}^{(11)}m_{301}^{(10)}-2m_{011}^{(22)}m_{111}^{(11)}m_{211}^{(00)}+2m_{011}^{(22)}m_{111}^{(20)}m_{310}^{(11)}-4m_{011}^{(22)}m_{111}^{(20)}m_{220}^{(10)}\\
&+2m_{011}^{(22)}m_{111}^{(20)}m_{130}^{(00)}+m_{011}^{(22)}m_{102}^{(00)}m_{220}^{(11)}-m_{011}^{(22)}m_{102}^{(00)}m_{130}^{(10)}-m_{011}^{(22)}m_{102}^{(10)}m_{310}^{(11)}\\
&+m_{011}^{(22)}m_{102}^{(10)}m_{130}^{(00)}+m_{011}^{(22)}m_{102}^{(11)}m_{310}^{(10)}-m_{011}^{(22)}m_{102}^{(11)}m_{220}^{(00)}+m_{011}^{(22)}m_{030}^{(00)}m_{301}^{(21)}\\
&-m_{011}^{(22)}m_{030}^{(00)}m_{211}^{(20)}-m_{011}^{(22)}m_{030}^{(20)}m_{400}^{(21)}+m_{011}^{(22)}m_{030}^{(20)}m_{310}^{(20)}-m_{011}^{(22)}m_{030}^{(20)}m_{301}^{(10)}\\
&+m_{011}^{(22)}m_{030}^{(20)}m_{211}^{(00)}+m_{011}^{(22)}m_{030}^{(22)}m_{400}^{(10)}-m_{011}^{(22)}m_{030}^{(22)}m_{310}^{(00)}-m_{011}^{(22)}m_{021}^{(00)}m_{310}^{(21)}\\
&+m_{011}^{(22)}m_{021}^{(00)}m_{301}^{(11)}+m_{011}^{(22)}m_{021}^{(00)}m_{220}^{(20)}-m_{011}^{(22)}m_{021}^{(00)}m_{211}^{(10)}+m_{011}^{(22)}m_{021}^{(10)}m_{400}^{(21)}\\
&-m_{011}^{(22)}m_{021}^{(10)}m_{310}^{(20)}-m_{011}^{(22)}m_{021}^{(10)}m_{301}^{(10)}+m_{011}^{(22)}m_{021}^{(10)}m_{211}^{(00)}-m_{011}^{(22)}m_{021}^{(20)}m_{400}^{(11)}\\
&+2m_{011}^{(22)}m_{021}^{(20)}m_{310}^{(10)}-m_{011}^{(22)}m_{021}^{(20)}m_{220}^{(00)}-m_{011}^{(22)}m_{012}^{(00)}m_{310}^{(10)}+m_{011}^{(22)}m_{012}^{(00)}m_{220}^{(10)}\\
&+m_{011}^{(22)}m_{012}^{(10)}m_{400}^{(11)}-m_{011}^{(22)}m_{012}^{(10)}m_{220}^{(00)}-m_{011}^{(22)}m_{012}^{(11)}m_{400}^{(10)}+m_{011}^{(22)}m_{012}^{(11)}m_{310}^{(00)}\\
&+m_{002}^{(00)}m_{210}^{(10)}m_{022}^{(21)}-m_{002}^{(00)}m_{210}^{(10)}m_{013}^{(11)}-m_{002}^{(00)}m_{210}^{(11)}m_{022}^{(20)}+m_{002}^{(00)}m_{210}^{(11)}m_{013}^{(10)}\\
&-m_{002}^{(00)}m_{210}^{(20)}m_{031}^{(21)}+m_{002}^{(00)}m_{210}^{(20)}m_{022}^{(11)}+m_{002}^{(00)}m_{210}^{(21)}m_{031}^{(20)}-m_{002}^{(00)}m_{210}^{(21)}m_{022}^{(10)}\\
&-m_{002}^{(00)}m_{201}^{(10)}m_{031}^{(21)}+m_{002}^{(00)}m_{201}^{(10)}m_{022}^{(11)}+m_{002}^{(00)}m_{201}^{(11)}m_{031}^{(20)}-m_{002}^{(00)}m_{201}^{(11)}m_{022}^{(10)}\\
&+m_{002}^{(00)}m_{201}^{(20)}m_{040}^{(21)}-m_{002}^{(00)}m_{201}^{(20)}m_{031}^{(11)}-m_{002}^{(00)}m_{201}^{(21)}m_{040}^{(20)}+m_{002}^{(00)}m_{201}^{(21)}m_{031}^{(10)}\\
&-m_{002}^{(00)}m_{120}^{(00)}m_{022}^{(21)}+m_{002}^{(00)}m_{120}^{(00)}m_{013}^{(11)}-m_{002}^{(00)}m_{120}^{(10)}m_{112}^{(21)}+m_{002}^{(00)}m_{120}^{(10)}m_{103}^{(11)}\\
&+m_{002}^{(00)}m_{120}^{(10)}m_{022}^{(20)}-m_{002}^{(00)}m_{120}^{(10)}m_{013}^{(10)}+m_{002}^{(00)}m_{120}^{(11)}m_{112}^{(20)}-m_{002}^{(00)}m_{120}^{(11)}m_{103}^{(10)}\\
&+2m_{002}^{(00)}m_{120}^{(20)}m_{121}^{(21)}-2m_{002}^{(00)}m_{120}^{(20)}m_{112}^{(11)}-2m_{002}^{(00)}m_{120}^{(21)}m_{121}^{(20)}+2m_{002}^{(00)}m_{120}^{(21)}m_{112}^{(10)}\\
&+2m_{002}^{(00)}m_{111}^{(00)}m_{031}^{(21)}-2m_{002}^{(00)}m_{111}^{(00)}m_{022}^{(11)}-2m_{002}^{(00)}m_{111}^{(10)}m_{031}^{(20)}+2m_{002}^{(00)}m_{111}^{(10)}m_{022}^{(10)}\\
&-2m_{002}^{(00)}m_{111}^{(20)}m_{130}^{(21)}+2m_{002}^{(00)}m_{111}^{(20)}m_{121}^{(11)}+2m_{002}^{(00)}m_{111}^{(21)}m_{130}^{(20)}-2m_{002}^{(00)}m_{111}^{(21)}m_{121}^{(10)}\\
&-m_{002}^{(00)}m_{102}^{(00)}m_{040}^{(21)}+m_{002}^{(00)}m_{102}^{(00)}m_{031}^{(11)}+m_{002}^{(00)}m_{102}^{(10)}m_{130}^{(21)}-m_{002}^{(00)}m_{102}^{(10)}m_{121}^{(11)}\\
&+m_{002}^{(00)}m_{102}^{(10)}m_{040}^{(20)}-m_{002}^{(00)}m_{102}^{(10)}m_{031}^{(10)}-m_{002}^{(00)}m_{102}^{(11)}m_{130}^{(20)}+m_{002}^{(00)}m_{102}^{(11)}m_{121}^{(10)}\\
&+m_{002}^{(00)}m_{030}^{(00)}m_{112}^{(21)}-m_{002}^{(00)}m_{030}^{(00)}m_{103}^{(11)}-m_{002}^{(00)}m_{030}^{(10)}m_{112}^{(20)}+m_{002}^{(00)}m_{030}^{(10)}m_{103}^{(10)}
\end{aligned}
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\begin{aligned}
&-m_{002}^{(00)}m_{030}^{(20)}m_{211}^{(21)}+m_{002}^{(00)}m_{030}^{(20)}m_{202}^{(11)}+m_{002}^{(00)}m_{030}^{(21)}m_{211}^{(20)}-m_{002}^{(00)}m_{030}^{(21)}m_{202}^{(10)}\\
&-2m_{002}^{(00)}m_{021}^{(00)}m_{121}^{(21)}+2m_{002}^{(00)}m_{021}^{(00)}m_{112}^{(11)}+m_{002}^{(00)}m_{021}^{(10)}m_{211}^{(21)}-m_{002}^{(00)}m_{021}^{(10)}m_{202}^{(11)}\\
&+2m_{002}^{(00)}m_{021}^{(10)}m_{121}^{(20)}-2m_{002}^{(00)}m_{021}^{(10)}m_{112}^{(10)}-m_{002}^{(00)}m_{021}^{(11)}m_{211}^{(20)}+m_{002}^{(00)}m_{021}^{(11)}m_{202}^{(10)}\\
&+m_{002}^{(00)}m_{021}^{(20)}m_{220}^{(21)}-m_{002}^{(00)}m_{021}^{(20)}m_{211}^{(11)}-m_{002}^{(00)}m_{021}^{(21)}m_{220}^{(20)}+m_{002}^{(00)}m_{021}^{(21)}m_{211}^{(10)}\\
&+m_{002}^{(00)}m_{012}^{(00)}m_{130}^{(21)}-m_{002}^{(00)}m_{012}^{(00)}m_{121}^{(11)}-m_{002}^{(00)}m_{012}^{(10)}m_{220}^{(21)}+m_{002}^{(00)}m_{012}^{(10)}m_{211}^{(11)}\\
&-m_{002}^{(00)}m_{012}^{(10)}m_{130}^{(20)}+m_{002}^{(00)}m_{012}^{(10)}m_{121}^{(10)}+m_{002}^{(00)}m_{012}^{(11)}m_{220}^{(20)}-m_{002}^{(00)}m_{012}^{(11)}m_{211}^{(10)}\\
&-m_{002}^{(10)}m_{300}^{(10)}m_{022}^{(21)}+m_{002}^{(10)}m_{300}^{(10)}m_{013}^{(11)}+m_{002}^{(10)}m_{300}^{(11)}m_{022}^{(20)}-m_{002}^{(10)}m_{300}^{(11)}m_{013}^{(10)}\\
&+m_{002}^{(10)}m_{300}^{(20)}m_{031}^{(21)}-m_{002}^{(10)}m_{300}^{(20)}m_{022}^{(11)}-m_{002}^{(10)}m_{300}^{(21)}m_{031}^{(20)}+m_{002}^{(10)}m_{300}^{(21)}m_{022}^{(10)}\\
&+m_{002}^{(10)}m_{210}^{(00)}m_{022}^{(21)}-m_{002}^{(10)}m_{210}^{(00)}m_{013}^{(11)}-m_{002}^{(10)}m_{210}^{(10)}m_{103}^{(11)}-m_{002}^{(10)}m_{210}^{(10)}m_{022}^{(20)}\\
&+2m_{002}^{(10)}m_{210}^{(10)}m_{013}^{(10)}+m_{002}^{(10)}m_{210}^{(11)}m_{103}^{(10)}-m_{002}^{(10)}m_{210}^{(11)}m_{013}^{(00)}-m_{002}^{(10)}m_{210}^{(20)}m_{121}^{(21)}\\
&+2m_{002}^{(10)}m_{210}^{(20)}m_{112}^{(11)}-m_{002}^{(10)}m_{210}^{(20)}m_{022}^{(10)}+m_{002}^{(10)}m_{210}^{(21)}m_{121}^{(20)}-2m_{002}^{(10)}m_{210}^{(21)}m_{112}^{(10)}\\
&+m_{002}^{(10)}m_{210}^{(21)}m_{022}^{(00)}-m_{002}^{(10)}m_{201}^{(00)}m_{031}^{(21)}+m_{002}^{(10)}m_{201}^{(00)}m_{022}^{(11)}+3m_{002}^{(10)}m_{201}^{(10)}m_{121}^{(21)}\\
&-2m_{002}^{(10)}m_{201}^{(10)}m_{112}^{(11)}+m_{002}^{(10)}m_{201}^{(10)}m_{031}^{(20)}-2m_{002}^{(10)}m_{201}^{(10)}m_{022}^{(10)}-3m_{002}^{(10)}m_{201}^{(11)}m_{121}^{(20)}\\
&+2m_{002}^{(10)}m_{201}^{(11)}m_{112}^{(10)}+m_{002}^{(10)}m_{201}^{(11)}m_{022}^{(00)}-2m_{002}^{(10)}m_{201}^{(20)}m_{130}^{(21)}+m_{002}^{(10)}m_{201}^{(20)}m_{121}^{(11)}\\
&+m_{002}^{(10)}m_{201}^{(20)}m_{031}^{(10)}+2m_{002}^{(10)}m_{201}^{(21)}m_{130}^{(20)}-m_{002}^{(10)}m_{201}^{(21)}m_{121}^{(10)}-m_{002}^{(10)}m_{201}^{(21)}m_{031}^{(00)}\\
&+m_{002}^{(10)}m_{120}^{(00)}m_{103}^{(11)}-m_{002}^{(10)}m_{120}^{(00)}m_{013}^{(10)}+m_{002}^{(10)}m_{120}^{(10)}m_{202}^{(21)}-2m_{002}^{(10)}m_{120}^{(10)}m_{103}^{(10)}\\
&+m_{002}^{(10)}m_{120}^{(10)}m_{013}^{(00)}-m_{002}^{(10)}m_{120}^{(11)}m_{202}^{(20)}+m_{002}^{(10)}m_{120}^{(11)}m_{103}^{(00)}-m_{002}^{(10)}m_{120}^{(20)}m_{211}^{(21)}\\
&-m_{002}^{(10)}m_{120}^{(20)}m_{202}^{(11)}+2m_{002}^{(10)}m_{120}^{(20)}m_{112}^{(10)}+m_{002}^{(10)}m_{120}^{(21)}m_{211}^{(20)}+m_{002}^{(10)}m_{120}^{(21)}m_{202}^{(10)}\\
&-2m_{002}^{(10)}m_{120}^{(21)}m_{112}^{(00)}-2m_{002}^{(10)}m_{111}^{(00)}m_{121}^{(21)}+2m_{002}^{(10)}m_{111}^{(00)}m_{022}^{(10)}-2m_{002}^{(10)}m_{111}^{(10)}m_{211}^{(21)}\\
&+2m_{002}^{(10)}m_{111}^{(10)}m_{202}^{(11)}+2m_{002}^{(10)}m_{111}^{(10)}m_{121}^{(20)}-2m_{002}^{(10)}m_{111}^{(10)}m_{022}^{(00)}+2m_{002}^{(10)}m_{111}^{(11)}m_{211}^{(20)}\\
&-2m_{002}^{(10)}m_{111}^{(11)}m_{202}^{(10)}+4m_{002}^{(10)}m_{111}^{(20)}m_{220}^{(21)}-2m_{002}^{(10)}m_{111}^{(20)}m_{211}^{(11)}-2m_{002}^{(10)}m_{111}^{(20)}m_{121}^{(10)}\\
&-4m_{002}^{(10)}m_{111}^{(21)}m_{220}^{(20)}+2m_{002}^{(10)}m_{111}^{(21)}m_{211}^{(10)}+2m_{002}^{(10)}m_{111}^{(21)}m_{121}^{(00)}+2m_{002}^{(10)}m_{102}^{(00)}m_{130}^{(21)}\\
&-m_{002}^{(10)}m_{102}^{(00)}m_{121}^{(11)}-m_{002}^{(10)}m_{102}^{(00)}m_{031}^{(10)}-2m_{002}^{(10)}m_{102}^{(10)}m_{220}^{(21)}+m_{002}^{(10)}m_{102}^{(10)}m_{211}^{(11)}\\
&-2m_{002}^{(10)}m_{102}^{(10)}m_{130}^{(20)}+2m_{002}^{(10)}m_{102}^{(10)}m_{121}^{(10)}+m_{002}^{(10)}m_{102}^{(10)}m_{031}^{(00)}+2m_{002}^{(10)}m_{102}^{(11)}m_{220}^{(20)}\\
&-m_{002}^{(10)}m_{102}^{(11)}m_{211}^{(10)}-m_{002}^{(10)}m_{102}^{(11)}m_{121}^{(00)}-m_{002}^{(10)}m_{030}^{(00)}m_{202}^{(21)}+m_{002}^{(10)}m_{030}^{(00)}m_{103}^{(10)}\\
&+m_{002}^{(10)}m_{030}^{(10)}m_{202}^{(20)}-m_{002}^{(10)}m_{030}^{(10)}m_{103}^{(00)}+m_{002}^{(10)}m_{030}^{(20)}m_{301}^{(21)}-m_{002}^{(10)}m_{030}^{(20)}m_{202}^{(10)}\\
&-m_{002}^{(10)}m_{030}^{(21)}m_{301}^{(20)}+m_{002}^{(10)}m_{030}^{(21)}m_{202}^{(00)}+3m_{002}^{(10)}m_{021}^{(00)}m_{211}^{(21)}-m_{002}^{(10)}m_{021}^{(00)}m_{202}^{(11)}\\
&-2m_{002}^{(10)}m_{021}^{(00)}m_{112}^{(10)}-m_{002}^{(10)}m_{021}^{(10)}m_{301}^{(21)}-3m_{002}^{(10)}m_{021}^{(10)}m_{211}^{(20)}+2m_{002}^{(10)}m_{021}^{(10)}m_{202}^{(10)}\\
&+2m_{002}^{(10)}m_{021}^{(10)}m_{112}^{(00)}+m_{002}^{(10)}m_{021}^{(11)}m_{301}^{(20)}-m_{002}^{(10)}m_{021}^{(11)}m_{202}^{(00)}-2m_{002}^{(10)}m_{021}^{(20)}m_{310}^{(21)}\\
&+m_{002}^{(10)}m_{021}^{(20)}m_{301}^{(11)}+m_{002}^{(10)}m_{021}^{(20)}m_{211}^{(10)}+2m_{002}^{(10)}m_{021}^{(21)}m_{310}^{(20)}-m_{002}^{(10)}m_{021}^{(21)}m_{301}^{(10)}\\
&-m_{002}^{(10)}m_{021}^{(21)}m_{211}^{(00)}-2m_{002}^{(10)}m_{012}^{(00)}m_{220}^{(21)}+m_{002}^{(10)}m_{012}^{(00)}m_{211}^{(11)}+m_{002}^{(10)}m_{012}^{(00)}m_{121}^{(10)}\\
&+2m_{002}^{(10)}m_{012}^{(10)}m_{310}^{(21)}-m_{002}^{(10)}m_{012}^{(10)}m_{301}^{(11)}+2m_{002}^{(10)}m_{012}^{(10)}m_{220}^{(20)}-2m_{002}^{(10)}m_{012}^{(10)}m_{211}^{(10)}\\
&-m_{002}^{(10)}m_{012}^{(10)}m_{121}^{(00)}-2m_{002}^{(10)}m_{012}^{(11)}m_{310}^{(20)}+m_{002}^{(10)}m_{012}^{(11)}m_{301}^{(10)}+m_{002}^{(10)}m_{012}^{(11)}m_{211}^{(00)}\\
&+m_{002}^{(11)}m_{300}^{(10)}m_{112}^{(21)}-m_{002}^{(11)}m_{300}^{(10)}m_{013}^{(10)}-m_{002}^{(11)}m_{300}^{(11)}m_{112}^{(20)}+m_{002}^{(11)}m_{300}^{(11)}m_{013}^{(00)}\\
&-m_{002}^{(11)}m_{300}^{(20)}m_{121}^{(21)}+m_{002}^{(11)}m_{300}^{(20)}m_{022}^{(10)}+m_{002}^{(11)}m_{300}^{(21)}m_{121}^{(20)}-m_{002}^{(11)}m_{300}^{(21)}m_{022}^{(00)}\\
&-m_{002}^{(11)}m_{210}^{(00)}m_{112}^{(21)}+m_{002}^{(11)}m_{210}^{(00)}m_{013}^{(10)}-m_{002}^{(11)}m_{210}^{(10)}m_{202}^{(21)}+m_{002}^{(11)}m_{210}^{(10)}m_{112}^{(20)}\\
&+m_{002}^{(11)}m_{210}^{(10)}m_{103}^{(10)}-m_{002}^{(11)}m_{210}^{(10)}m_{013}^{(00)}+m_{002}^{(11)}m_{210}^{(11)}m_{202}^{(20)}-m_{002}^{(11)}m_{210}^{(11)}m_{103}^{(00)}\\
&+2m_{002}^{(11)}m_{210}^{(20)}m_{211}^{(21)}-2m_{002}^{(11)}m_{210}^{(20)}m_{112}^{(10)}-2m_{002}^{(11)}m_{210}^{(21)}m_{211}^{(20)}+2m_{002}^{(11)}m_{210}^{(21)}m_{112}^{(00)}
\end{aligned}
$$

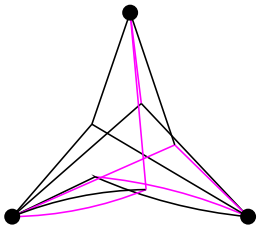
$$+m_{002}^{(11)}m_{201}^{(00)}m_{121}^{(21)}-m_{002}^{(11)}m_{201}^{(00)}m_{022}^{(10)}-2m_{002}^{(11)}m_{201}^{(10)}m_{211}^{(21)}-m_{002}^{(11)}m_{201}^{(10)}m_{121}^{(20)}$$
$$+2m_{002}^{(11)}m_{201}^{(10)}m_{112}^{(10)}+m_{002}^{(11)}m_{201}^{(10)}m_{022}^{(00)}+2m_{002}^{(11)}m_{201}^{(11)}m_{211}^{(20)}-2m_{002}^{(11)}m_{201}^{(11)}m_{112}^{(00)}$$
$$+m_{002}^{(11)}m_{201}^{(20)}m_{220}^{(21)}-m_{002}^{(11)}m_{201}^{(20)}m_{121}^{(10)}-m_{002}^{(11)}m_{201}^{(21)}m_{220}^{(20)}+m_{002}^{(11)}m_{201}^{(21)}m_{121}^{(00)}$$
$$+m_{002}^{(11)}m_{120}^{(00)}m_{202}^{(21)}-m_{002}^{(11)}m_{120}^{(00)}m_{103}^{(10)}-m_{002}^{(11)}m_{120}^{(10)}m_{202}^{(20)}+m_{002}^{(11)}m_{120}^{(10)}m_{103}^{(00)}$$
$$-m_{002}^{(11)}m_{120}^{(20)}m_{301}^{(21)}+m_{002}^{(11)}m_{120}^{(20)}m_{202}^{(10)}+m_{002}^{(11)}m_{120}^{(21)}m_{301}^{(20)}-m_{002}^{(11)}m_{120}^{(21)}m_{202}^{(00)}$$
$$+2m_{002}^{(11)}m_{111}^{(10)}m_{301}^{(21)}-2m_{002}^{(11)}m_{111}^{(10)}m_{202}^{(10)}-2m_{002}^{(11)}m_{111}^{(11)}m_{301}^{(20)}+2m_{002}^{(11)}m_{111}^{(11)}m_{202}^{(00)}$$
$$-2m_{002}^{(11)}m_{111}^{(20)}m_{310}^{(21)}+2m_{002}^{(11)}m_{111}^{(20)}m_{211}^{(10)}+2m_{002}^{(11)}m_{111}^{(21)}m_{310}^{(20)}-2m_{002}^{(11)}m_{111}^{(21)}m_{211}^{(00)}$$
$$-m_{002}^{(11)}m_{102}^{(00)}m_{220}^{(21)}+m_{002}^{(11)}m_{102}^{(00)}m_{121}^{(10)}+m_{002}^{(11)}m_{102}^{(10)}m_{310}^{(21)}+m_{002}^{(11)}m_{102}^{(10)}m_{220}^{(20)}$$
$$-m_{002}^{(11)}m_{102}^{(10)}m_{211}^{(10)}-m_{002}^{(11)}m_{102}^{(10)}m_{121}^{(00)}-m_{002}^{(11)}m_{102}^{(11)}m_{310}^{(20)}+m_{002}^{(11)}m_{102}^{(11)}m_{211}^{(00)}$$
$$-m_{002}^{(11)}m_{021}^{(00)}m_{301}^{(21)}+m_{002}^{(11)}m_{021}^{(00)}m_{202}^{(10)}+m_{002}^{(11)}m_{021}^{(10)}m_{301}^{(20)}-m_{002}^{(11)}m_{021}^{(10)}m_{202}^{(00)}$$
$$+m_{002}^{(11)}m_{021}^{(20)}m_{400}^{(21)}-m_{002}^{(11)}m_{021}^{(20)}m_{301}^{(10)}-m_{002}^{(11)}m_{021}^{(21)}m_{400}^{(20)}+m_{002}^{(11)}m_{021}^{(21)}m_{301}^{(00)}$$
$$+m_{002}^{(11)}m_{012}^{(00)}m_{310}^{(21)}-m_{002}^{(11)}m_{012}^{(00)}m_{211}^{(10)}-m_{002}^{(11)}m_{012}^{(10)}m_{400}^{(21)}-m_{002}^{(11)}m_{012}^{(10)}m_{310}^{(20)}$$
$$+m_{002}^{(11)}m_{012}^{(10)}m_{301}^{(10)}+m_{002}^{(11)}m_{012}^{(10)}m_{211}^{(00)}+m_{002}^{(11)}m_{012}^{(11)}m_{400}^{(20)}-m_{002}^{(11)}m_{012}^{(11)}m_{301}^{(00)}$$
$$+m_{002}^{(20)}m_{300}^{(10)}m_{031}^{(21)}-m_{002}^{(20)}m_{300}^{(10)}m_{022}^{(11)}-m_{002}^{(20)}m_{300}^{(11)}m_{031}^{(20)}+m_{002}^{(20)}m_{300}^{(11)}m_{022}^{(10)}$$
$$-m_{002}^{(20)}m_{300}^{(20)}m_{040}^{(21)}+m_{002}^{(20)}m_{300}^{(20)}m_{031}^{(11)}+m_{002}^{(20)}m_{300}^{(21)}m_{040}^{(20)}-m_{002}^{(20)}m_{300}^{(21)}m_{031}^{(10)}$$
$$-m_{002}^{(20)}m_{210}^{(00)}m_{031}^{(21)}+m_{002}^{(20)}m_{210}^{(00)}m_{022}^{(11)}-2m_{002}^{(20)}m_{210}^{(10)}m_{121}^{(21)}+3m_{002}^{(20)}m_{210}^{(10)}m_{112}^{(11)}$$
$$+m_{002}^{(20)}m_{210}^{(10)}m_{031}^{(20)}-2m_{002}^{(20)}m_{210}^{(10)}m_{022}^{(10)}+2m_{002}^{(20)}m_{210}^{(11)}m_{121}^{(20)}-3m_{002}^{(20)}m_{210}^{(11)}m_{112}^{(10)}$$
$$+m_{002}^{(20)}m_{210}^{(11)}m_{022}^{(00)}+3m_{002}^{(20)}m_{210}^{(20)}m_{130}^{(21)}-4m_{002}^{(20)}m_{210}^{(20)}m_{121}^{(11)}+m_{002}^{(20)}m_{210}^{(20)}m_{031}^{(10)}$$
$$-3m_{002}^{(20)}m_{210}^{(21)}m_{130}^{(20)}+4m_{002}^{(20)}m_{210}^{(21)}m_{121}^{(10)}-m_{002}^{(20)}m_{210}^{(21)}m_{031}^{(00)}+m_{002}^{(20)}m_{201}^{(00)}m_{040}^{(21)}$$
$$-m_{002}^{(20)}m_{201}^{(00)}m_{031}^{(11)}-m_{002}^{(20)}m_{201}^{(10)}m_{130}^{(21)}-m_{002}^{(20)}m_{201}^{(10)}m_{040}^{(20)}+2m_{002}^{(20)}m_{201}^{(10)}m_{031}^{(10)}$$
$$+m_{002}^{(20)}m_{201}^{(11)}m_{130}^{(20)}-m_{002}^{(20)}m_{201}^{(11)}m_{031}^{(00)}+m_{002}^{(20)}m_{201}^{(20)}m_{130}^{(11)}-m_{002}^{(20)}m_{201}^{(20)}m_{040}^{(10)}$$
$$-m_{002}^{(20)}m_{201}^{(21)}m_{130}^{(10)}+m_{002}^{(20)}m_{201}^{(21)}m_{040}^{(00)}+2m_{002}^{(20)}m_{120}^{(00)}m_{121}^{(21)}-3m_{002}^{(20)}m_{120}^{(00)}m_{112}^{(11)}$$
$$+m_{002}^{(20)}m_{120}^{(00)}m_{022}^{(10)}+m_{002}^{(20)}m_{120}^{(10)}m_{211}^{(21)}-2m_{002}^{(20)}m_{120}^{(10)}m_{202}^{(11)}-2m_{002}^{(20)}m_{120}^{(10)}m_{121}^{(20)}$$
$$+4m_{002}^{(20)}m_{120}^{(10)}m_{112}^{(10)}-m_{002}^{(20)}m_{120}^{(10)}m_{022}^{(00)}-m_{002}^{(20)}m_{120}^{(11)}m_{211}^{(20)}+2m_{002}^{(20)}m_{120}^{(11)}m_{202}^{(10)}$$
$$-m_{002}^{(20)}m_{120}^{(11)}m_{112}^{(00)}-3m_{002}^{(20)}m_{120}^{(20)}m_{220}^{(21)}+5m_{002}^{(20)}m_{120}^{(20)}m_{211}^{(11)}-2m_{002}^{(20)}m_{120}^{(20)}m_{121}^{(10)}$$
$$+3m_{002}^{(20)}m_{120}^{(21)}m_{220}^{(20)}-5m_{002}^{(20)}m_{120}^{(21)}m_{211}^{(10)}+2m_{002}^{(20)}m_{120}^{(21)}m_{121}^{(00)}-2m_{002}^{(20)}m_{111}^{(00)}m_{130}^{(21)}$$
$$+4m_{002}^{(20)}m_{111}^{(00)}m_{121}^{(11)}-2m_{002}^{(20)}m_{111}^{(00)}m_{031}^{(10)}+2m_{002}^{(20)}m_{111}^{(10)}m_{220}^{(21)}-2m_{002}^{(20)}m_{111}^{(10)}m_{211}^{(11)}$$
$$+2m_{002}^{(20)}m_{111}^{(10)}m_{130}^{(20)}-4m_{002}^{(20)}m_{111}^{(10)}m_{121}^{(10)}+2m_{002}^{(20)}m_{111}^{(10)}m_{031}^{(00)}-2m_{002}^{(20)}m_{111}^{(11)}m_{220}^{(20)}$$
$$+2m_{002}^{(20)}m_{111}^{(11)}m_{211}^{(10)}-2m_{002}^{(20)}m_{111}^{(20)}m_{220}^{(11)}+2m_{002}^{(20)}m_{111}^{(20)}m_{130}^{(10)}+2m_{002}^{(20)}m_{111}^{(21)}m_{220}^{(10)}$$
$$-2m_{002}^{(20)}m_{111}^{(21)}m_{130}^{(00)}-m_{002}^{(20)}m_{102}^{(00)}m_{130}^{(11)}+m_{002}^{(20)}m_{102}^{(00)}m_{040}^{(10)}+m_{002}^{(20)}m_{102}^{(10)}m_{220}^{(11)}$$
$$-m_{002}^{(20)}m_{102}^{(10)}m_{040}^{(00)}-m_{002}^{(20)}m_{102}^{(11)}m_{220}^{(10)}+m_{002}^{(20)}m_{102}^{(11)}m_{130}^{(00)}-m_{002}^{(20)}m_{030}^{(00)}m_{211}^{(21)}$$
$$+2m_{002}^{(20)}m_{030}^{(00)}m_{202}^{(11)}-m_{002}^{(20)}m_{030}^{(00)}m_{112}^{(10)}+m_{002}^{(20)}m_{030}^{(10)}m_{211}^{(20)}-2m_{002}^{(20)}m_{030}^{(10)}m_{202}^{(10)}$$
$$+m_{002}^{(20)}m_{030}^{(10)}m_{112}^{(00)}+m_{002}^{(20)}m_{030}^{(20)}m_{310}^{(21)}-2m_{002}^{(20)}m_{030}^{(20)}m_{301}^{(11)}+m_{002}^{(20)}m_{030}^{(20)}m_{211}^{(10)}$$
$$-m_{002}^{(20)}m_{030}^{(21)}m_{310}^{(20)}+2m_{002}^{(20)}m_{030}^{(21)}m_{301}^{(10)}-m_{002}^{(20)}m_{030}^{(21)}m_{211}^{(00)}+m_{002}^{(20)}m_{021}^{(00)}m_{220}^{(21)}$$
$$-3m_{002}^{(20)}m_{021}^{(00)}m_{211}^{(11)}+2m_{002}^{(20)}m_{021}^{(00)}m_{121}^{(10)}-m_{002}^{(20)}m_{021}^{(10)}m_{310}^{(21)}+2m_{002}^{(20)}m_{021}^{(10)}m_{301}^{(11)}$$
$$-m_{002}^{(20)}m_{021}^{(10)}m_{220}^{(20)}+2m_{002}^{(20)}m_{021}^{(10)}m_{211}^{(10)}-2m_{002}^{(20)}m_{021}^{(10)}m_{121}^{(00)}+m_{002}^{(20)}m_{021}^{(11)}m_{310}^{(20)}$$
$$-2m_{002}^{(20)}m_{021}^{(11)}m_{301}^{(10)}+m_{002}^{(20)}m_{021}^{(11)}m_{211}^{(00)}+m_{002}^{(20)}m_{021}^{(20)}m_{310}^{(11)}-m_{002}^{(20)}m_{021}^{(20)}m_{220}^{(10)}$$
$$-m_{002}^{(20)}m_{021}^{(21)}m_{310}^{(10)}+m_{002}^{(20)}m_{021}^{(21)}m_{220}^{(00)}+m_{002}^{(20)}m_{012}^{(00)}m_{220}^{(11)}-m_{002}^{(20)}m_{012}^{(00)}m_{130}^{(10)}$$

$$
\begin{aligned}
&-m_{002}^{(20)}m_{012}^{(10)}m_{310}^{(11)}+m_{002}^{(20)}m_{012}^{(10)}m_{130}^{(00)}+m_{002}^{(20)}m_{012}^{(11)}m_{310}^{(10)}-m_{002}^{(20)}m_{012}^{(11)}m_{220}^{(00)}\\
&-m_{002}^{(21)}m_{300}^{(10)}m_{121}^{(21)}-m_{002}^{(21)}m_{300}^{(10)}m_{112}^{(11)}+2m_{002}^{(21)}m_{300}^{(10)}m_{022}^{(10)}+m_{002}^{(21)}m_{300}^{(11)}m_{121}^{(20)}\\
&+m_{002}^{(21)}m_{300}^{(11)}m_{112}^{(10)}-2m_{002}^{(21)}m_{300}^{(11)}m_{022}^{(00)}+m_{002}^{(21)}m_{300}^{(20)}m_{130}^{(21)}+m_{002}^{(21)}m_{300}^{(20)}m_{121}^{(11)}\\
&-2m_{002}^{(21)}m_{300}^{(20)}m_{031}^{(10)}-m_{002}^{(21)}m_{300}^{(21)}m_{130}^{(20)}-m_{002}^{(21)}m_{300}^{(21)}m_{121}^{(10)}+2m_{002}^{(21)}m_{300}^{(21)}m_{031}^{(00)}\\
&+m_{002}^{(21)}m_{210}^{(00)}m_{121}^{(21)}+m_{002}^{(21)}m_{210}^{(00)}m_{112}^{(11)}-2m_{002}^{(21)}m_{210}^{(00)}m_{022}^{(10)}+2m_{002}^{(21)}m_{210}^{(10)}m_{211}^{(21)}\\
&+m_{002}^{(21)}m_{210}^{(10)}m_{202}^{(11)}-m_{002}^{(21)}m_{210}^{(10)}m_{121}^{(20)}-4m_{002}^{(21)}m_{210}^{(10)}m_{112}^{(10)}+2m_{002}^{(21)}m_{210}^{(10)}m_{022}^{(00)}\\
&-2m_{002}^{(21)}m_{210}^{(11)}m_{211}^{(20)}-m_{002}^{(21)}m_{210}^{(11)}m_{202}^{(10)}+3m_{002}^{(21)}m_{210}^{(11)}m_{112}^{(00)}-3m_{002}^{(21)}m_{210}^{(20)}m_{220}^{(21)}\\
&-2m_{002}^{(21)}m_{210}^{(20)}m_{211}^{(11)}+5m_{002}^{(21)}m_{210}^{(20)}m_{121}^{(10)}+3m_{002}^{(21)}m_{210}^{(21)}m_{220}^{(20)}+2m_{002}^{(21)}m_{210}^{(21)}m_{211}^{(10)}\\
&-5m_{002}^{(21)}m_{210}^{(21)}m_{121}^{(00)}-m_{002}^{(21)}m_{201}^{(00)}m_{130}^{(21)}-m_{002}^{(21)}m_{201}^{(00)}m_{121}^{(11)}+2m_{002}^{(21)}m_{201}^{(00)}m_{031}^{(10)}\\
&+m_{002}^{(21)}m_{201}^{(10)}m_{220}^{(21)}+2m_{002}^{(21)}m_{201}^{(10)}m_{211}^{(11)}+m_{002}^{(21)}m_{201}^{(10)}m_{130}^{(20)}-2m_{002}^{(21)}m_{201}^{(10)}m_{121}^{(10)}\\
&-2m_{002}^{(21)}m_{201}^{(10)}m_{031}^{(00)}-m_{002}^{(21)}m_{201}^{(11)}m_{220}^{(20)}-2m_{002}^{(21)}m_{201}^{(11)}m_{211}^{(10)}+3m_{002}^{(21)}m_{201}^{(11)}m_{121}^{(00)}\\
&-m_{002}^{(21)}m_{201}^{(20)}m_{220}^{(11)}+m_{002}^{(21)}m_{201}^{(20)}m_{130}^{(10)}+m_{002}^{(21)}m_{201}^{(21)}m_{220}^{(10)}-m_{002}^{(21)}m_{201}^{(21)}m_{130}^{(00)}\\
&-2m_{002}^{(21)}m_{120}^{(00)}m_{211}^{(21)}-m_{002}^{(21)}m_{120}^{(00)}m_{202}^{(11)}+3m_{002}^{(21)}m_{120}^{(00)}m_{112}^{(10)}-m_{002}^{(21)}m_{120}^{(10)}m_{301}^{(21)}\\
&+2m_{002}^{(21)}m_{120}^{(10)}m_{211}^{(20)}+2m_{002}^{(21)}m_{120}^{(10)}m_{202}^{(10)}-3m_{002}^{(21)}m_{120}^{(10)}m_{112}^{(00)}+m_{002}^{(21)}m_{120}^{(11)}m_{301}^{(20)}\\
&-m_{002}^{(21)}m_{120}^{(11)}m_{202}^{(00)}+3m_{002}^{(21)}m_{120}^{(20)}m_{310}^{(21)}+m_{002}^{(21)}m_{120}^{(20)}m_{301}^{(11)}-4m_{002}^{(21)}m_{120}^{(20)}m_{211}^{(10)}\\
&-3m_{002}^{(21)}m_{120}^{(21)}m_{310}^{(20)}-m_{002}^{(21)}m_{120}^{(21)}m_{301}^{(10)}+4m_{002}^{(21)}m_{120}^{(21)}m_{211}^{(00)}+2m_{002}^{(21)}m_{111}^{(00)}m_{220}^{(21)}\\
&-2m_{002}^{(21)}m_{111}^{(00)}m_{121}^{(10)}-2m_{002}^{(21)}m_{111}^{(10)}m_{310}^{(21)}-2m_{002}^{(21)}m_{111}^{(10)}m_{301}^{(11)}-2m_{002}^{(21)}m_{111}^{(10)}m_{220}^{(20)}\\
&+4m_{002}^{(21)}m_{111}^{(10)}m_{211}^{(10)}+2m_{002}^{(21)}m_{111}^{(10)}m_{121}^{(00)}+2m_{002}^{(21)}m_{111}^{(11)}m_{310}^{(20)}+2m_{002}^{(21)}m_{111}^{(11)}m_{301}^{(10)}\\
&-4m_{002}^{(21)}m_{111}^{(11)}m_{211}^{(00)}+2m_{002}^{(21)}m_{111}^{(20)}m_{310}^{(11)}-2m_{002}^{(21)}m_{111}^{(20)}m_{220}^{(10)}-2m_{002}^{(21)}m_{111}^{(21)}m_{310}^{(10)}\\
&+2m_{002}^{(21)}m_{111}^{(21)}m_{220}^{(00)}+m_{002}^{(21)}m_{102}^{(00)}m_{220}^{(11)}-m_{002}^{(21)}m_{102}^{(00)}m_{130}^{(10)}-m_{002}^{(21)}m_{102}^{(10)}m_{310}^{(11)}\\
&+m_{002}^{(21)}m_{102}^{(10)}m_{130}^{(00)}+m_{002}^{(21)}m_{102}^{(11)}m_{310}^{(10)}-m_{002}^{(21)}m_{102}^{(11)}m_{220}^{(00)}+m_{002}^{(21)}m_{102}^{(00)}m_{030}^{(21)}m_{301}^{(21)}\\
&-m_{002}^{(21)}m_{030}^{(00)}m_{202}^{(10)}-m_{002}^{(21)}m_{030}^{(10)}m_{301}^{(20)}+m_{002}^{(21)}m_{030}^{(10)}m_{202}^{(00)}-m_{002}^{(21)}m_{030}^{(20)}m_{400}^{(21)}\\
&+m_{002}^{(21)}m_{030}^{(20)}m_{301}^{(10)}+m_{002}^{(21)}m_{030}^{(21)}m_{400}^{(20)}-m_{002}^{(21)}m_{030}^{(21)}m_{301}^{(00)}-m_{002}^{(21)}m_{021}^{(00)}m_{310}^{(21)}\\
&+m_{002}^{(21)}m_{021}^{(00)}m_{301}^{(11)}+m_{002}^{(21)}m_{021}^{(10)}m_{400}^{(21)}+m_{002}^{(21)}m_{021}^{(10)}m_{310}^{(20)}-2m_{002}^{(21)}m_{021}^{(10)}m_{301}^{(10)}\\
&-m_{002}^{(21)}m_{021}^{(11)}m_{400}^{(20)}+m_{002}^{(21)}m_{021}^{(11)}m_{301}^{(00)}-m_{002}^{(21)}m_{021}^{(20)}m_{400}^{(11)}+m_{002}^{(21)}m_{021}^{(20)}m_{310}^{(10)}\\
&+m_{002}^{(21)}m_{021}^{(21)}m_{400}^{(10)}-m_{002}^{(21)}m_{021}^{(21)}m_{310}^{(00)}-m_{002}^{(21)}m_{012}^{(00)}m_{310}^{(11)}+m_{002}^{(21)}m_{012}^{(00)}m_{220}^{(10)}\\
&+m_{002}^{(21)}m_{012}^{(10)}m_{400}^{(11)}-m_{002}^{(21)}m_{012}^{(10)}m_{220}^{(00)}-m_{002}^{(21)}m_{012}^{(11)}m_{400}^{(10)}+m_{002}^{(21)}m_{012}^{(11)}m_{310}^{(00)}\\
&+m_{002}^{(22)}m_{300}^{(10)}m_{121}^{(11)}-m_{002}^{(22)}m_{300}^{(10)}m_{031}^{(10)}-m_{002}^{(22)}m_{300}^{(11)}m_{121}^{(10)}+m_{002}^{(22)}m_{300}^{(11)}m_{031}^{(00)}\\
&-m_{002}^{(22)}m_{300}^{(20)}m_{130}^{(11)}+m_{002}^{(22)}m_{300}^{(20)}m_{040}^{(10)}+m_{002}^{(22)}m_{300}^{(21)}m_{130}^{(10)}-m_{002}^{(22)}m_{300}^{(21)}m_{040}^{(00)}\\
&-m_{002}^{(22)}m_{210}^{(00)}m_{121}^{(11)}+m_{002}^{(22)}m_{210}^{(00)}m_{031}^{(10)}-2m_{002}^{(22)}m_{210}^{(10)}m_{211}^{(11)}+3m_{002}^{(22)}m_{210}^{(10)}m_{121}^{(10)}\\
&-m_{002}^{(22)}m_{210}^{(10)}m_{031}^{(00)}+2m_{002}^{(22)}m_{210}^{(11)}m_{211}^{(10)}-2m_{002}^{(22)}m_{210}^{(11)}m_{121}^{(00)}+3m_{002}^{(22)}m_{210}^{(20)}m_{220}^{(11)}\\
&-3m_{002}^{(22)}m_{210}^{(20)}m_{130}^{(10)}-3m_{002}^{(22)}m_{210}^{(21)}m_{220}^{(10)}+3m_{002}^{(22)}m_{210}^{(21)}m_{130}^{(00)}+m_{002}^{(22)}m_{201}^{(00)}m_{130}^{(11)}\\
&-m_{002}^{(22)}m_{201}^{(00)}m_{040}^{(10)}-m_{002}^{(22)}m_{201}^{(10)}m_{220}^{(11)}+m_{002}^{(22)}m_{201}^{(10)}m_{040}^{(00)}+m_{002}^{(22)}m_{201}^{(11)}m_{220}^{(10)}\\
&-m_{002}^{(22)}m_{201}^{(11)}m_{130}^{(00)}+2m_{002}^{(22)}m_{120}^{(00)}m_{211}^{(11)}-2m_{002}^{(22)}m_{120}^{(00)}m_{121}^{(10)}+m_{002}^{(22)}m_{120}^{(10)}m_{301}^{(11)}\\
&-3m_{002}^{(22)}m_{120}^{(10)}m_{211}^{(10)}+2m_{002}^{(22)}m_{120}^{(10)}m_{121}^{(00)}-m_{002}^{(22)}m_{120}^{(11)}m_{301}^{(10)}+m_{002}^{(22)}m_{120}^{(11)}m_{211}^{(00)}\\
&-3m_{002}^{(22)}m_{120}^{(20)}m_{310}^{(11)}+3m_{002}^{(22)}m_{120}^{(20)}m_{220}^{(10)}+3m_{002}^{(22)}m_{120}^{(21)}m_{310}^{(10)}-3m_{002}^{(22)}m_{120}^{(21)}m_{220}^{(00)}\\
&-2m_{002}^{(22)}m_{111}^{(00)}m_{220}^{(11)}+2m_{002}^{(22)}m_{111}^{(00)}m_{130}^{(10)}+2m_{002}^{(22)}m_{111}^{(10)}m_{310}^{(11)}-2m_{002}^{(22)}m_{111}^{(10)}m_{130}^{(00)}\\
&-2m_{002}^{(22)}m_{111}^{(11)}m_{310}^{(10)}+2m_{002}^{(22)}m_{111}^{(11)}m_{220}^{(00)}-m_{002}^{(22)}m_{030}^{(00)}m_{301}^{(11)}+m_{002}^{(22)}m_{030}^{(00)}m_{211}^{(10)}
\end{aligned}
$$

$$
\begin{array}{l}
+m_{002}^{(22)} m_{030}^{(10)} m_{301}^{(10)} - m_{002}^{(22)} m_{030}^{(10)} m_{211}^{(00)} + m_{002}^{(22)} m_{030}^{(20)} m_{400}^{(11)} - m_{002}^{(22)} m_{030}^{(20)} m_{310}^{(10)} \\
-m_{002}^{(22)} m_{030}^{(21)} m_{400}^{(10)} + m_{002}^{(22)} m_{030}^{(21)} m_{310}^{(00)} + m_{002}^{(22)} m_{021}^{(00)} m_{310}^{(11)} - m_{002}^{(22)} m_{021}^{(00)} m_{220}^{(10)} \\
-m_{002}^{(22)} m_{021}^{(10)} m_{400}^{(11)} + m_{002}^{(22)} m_{021}^{(10)} m_{220}^{(00)} + m_{002}^{(22)} m_{021}^{(11)} m_{400}^{(10)} - m_{002}^{(22)} m_{021}^{(11)} m_{310}^{(00)}
\end{array}
$$

Generating graph:

$$
\begin{array}{ccccc}
V1 & V1 & 1 & 1 & 1 \\
1 & 2 & V2 & 2 & V3 \\
V2 & V3 & 3 & 3 & 3
\end{array}
$$



$$
\begin{array}{rcl}
T_{129} & = & -m_{200}^{(00)} m_{120}^{(11)} m_{013}^{(22)} + m_{200}^{(00)} m_{120}^{(11)} m_{004}^{(21)} + m_{200}^{(00)} m_{120}^{(21)} m_{022}^{(22)} - m_{200}^{(00)} m_{120}^{(21)} m_{004}^{(11)} \\
 & & -m_{200}^{(00)} m_{120}^{(22)} m_{022}^{(21)} + m_{200}^{(00)} m_{120}^{(22)} m_{013}^{(11)} + 2m_{200}^{(00)} m_{111}^{(11)} m_{022}^{(22)} - 2m_{200}^{(00)} m_{111}^{(11)} m_{013}^{(21)} \\
 & & -2m_{200}^{(00)} m_{111}^{(21)} m_{031}^{(22)} + 2m_{200}^{(00)} m_{111}^{(21)} m_{013}^{(11)} + 2m_{200}^{(00)} m_{111}^{(22)} m_{031}^{(21)} - 2m_{200}^{(00)} m_{111}^{(22)} m_{022}^{(11)} \\
 & & -m_{200}^{(00)} m_{102}^{(11)} m_{031}^{(22)} + m_{200}^{(00)} m_{102}^{(11)} m_{022}^{(21)} + m_{200}^{(00)} m_{102}^{(21)} m_{040}^{(22)} - m_{200}^{(00)} m_{102}^{(21)} m_{022}^{(11)} \\
 & & -m_{200}^{(00)} m_{102}^{(22)} m_{040}^{(21)} + m_{200}^{(00)} m_{102}^{(22)} m_{031}^{(11)} + m_{200}^{(00)} m_{030}^{(11)} m_{103}^{(22)} - m_{200}^{(00)} m_{030}^{(11)} m_{004}^{(20)} \\
 & & -m_{200}^{(00)} m_{030}^{(21)} m_{112}^{(22)} - m_{200}^{(00)} m_{030}^{(21)} m_{103}^{(21)} + m_{200}^{(00)} m_{030}^{(21)} m_{013}^{(20)} + m_{200}^{(00)} m_{030}^{(21)} m_{004}^{(10)} \\
 & & +m_{200}^{(00)} m_{030}^{(22)} m_{112}^{(21)} - m_{200}^{(00)} m_{030}^{(22)} m_{013}^{(10)} - 2m_{200}^{(00)} m_{021}^{(11)} m_{112}^{(22)} - m_{200}^{(00)} m_{021}^{(11)} m_{103}^{(21)} \\
 & & +3m_{200}^{(00)} m_{021}^{(11)} m_{013}^{(20)} + 2m_{200}^{(00)} m_{021}^{(21)} m_{121}^{(22)} + 3m_{200}^{(00)} m_{021}^{(21)} m_{112}^{(21)} + m_{200}^{(00)} m_{021}^{(21)} m_{103}^{(11)} \\
 & & -3m_{200}^{(00)} m_{021}^{(21)} m_{022}^{(20)} - 3m_{200}^{(00)} m_{021}^{(21)} m_{013}^{(10)} - 2m_{200}^{(00)} m_{021}^{(22)} m_{121}^{(21)} - m_{200}^{(00)} m_{021}^{(22)} m_{112}^{(11)} \\
 & & +3m_{200}^{(00)} m_{021}^{(22)} m_{022}^{(10)} + m_{200}^{(00)} m_{012}^{(11)} m_{121}^{(22)} + 2m_{200}^{(00)} m_{012}^{(11)} m_{112}^{(21)} - 3m_{200}^{(00)} m_{012}^{(11)} m_{022}^{(20)} \\
 & & -m_{200}^{(00)} m_{012}^{(21)} m_{130}^{(22)} - 3m_{200}^{(00)} m_{012}^{(21)} m_{121}^{(21)} - 2m_{200}^{(00)} m_{012}^{(21)} m_{112}^{(11)} + 3m_{200}^{(00)} m_{012}^{(21)} m_{031}^{(20)} \\
 & & +3m_{200}^{(00)} m_{012}^{(21)} m_{022}^{(10)} + m_{200}^{(00)} m_{012}^{(22)} m_{130}^{(21)} + 2m_{200}^{(00)} m_{012}^{(22)} m_{121}^{(11)} - 3m_{200}^{(00)} m_{012}^{(22)} m_{031}^{(10)} \\
 & & -m_{200}^{(00)} m_{003}^{(11)} m_{121}^{(21)} + m_{200}^{(00)} m_{003}^{(11)} m_{031}^{(20)} + m_{200}^{(00)} m_{003}^{(21)} m_{130}^{(21)} + m_{200}^{(00)} m_{003}^{(21)} m_{121}^{(11)} \\
 & & -m_{200}^{(00)} m_{003}^{(21)} m_{040}^{(20)} - m_{200}^{(00)} m_{003}^{(21)} m_{031}^{(10)} - m_{200}^{(00)} m_{003}^{(22)} m_{130}^{(11)} + m_{200}^{(00)} m_{003}^{(22)} m_{040}^{(10)} \\
 & & +m_{200}^{(10)} m_{210}^{(11)} m_{013}^{(22)} - m_{200}^{(10)} m_{210}^{(11)} m_{004}^{(21)} - m_{200}^{(10)} m_{210}^{(21)} m_{022}^{(22)} + m_{200}^{(10)} m_{210}^{(21)} m_{004}^{(11)} \\
 & & +m_{200}^{(10)} m_{210}^{(22)} m_{022}^{(21)} - m_{200}^{(10)} m_{210}^{(22)} m_{013}^{(11)} - m_{200}^{(10)} m_{201}^{(11)} m_{022}^{(22)} + m_{200}^{(10)} m_{201}^{(11)} m_{013}^{(21)} \\
 & & +m_{200}^{(10)} m_{201}^{(21)} m_{031}^{(22)} - m_{200}^{(10)} m_{201}^{(21)} m_{013}^{(11)} - m_{200}^{(10)} m_{201}^{(22)} m_{031}^{(21)} + m_{200}^{(10)} m_{201}^{(22)} m_{022}^{(11)} \\
 & & +m_{200}^{(10)} m_{120}^{(10)} m_{013}^{(22)} - m_{200}^{(10)} m_{120}^{(10)} m_{004}^{(21)} - m_{200}^{(10)} m_{120}^{(11)} m_{103}^{(22)} + m_{200}^{(10)} m_{120}^{(11)} m_{004}^{(20)} \\
 & & -m_{200}^{(10)} m_{120}^{(20)} m_{022}^{(22)} + m_{200}^{(10)} m_{120}^{(20)} m_{013}^{(21)} + m_{200}^{(10)} m_{120}^{(21)} m_{112}^{(22)} + m_{200}^{(10)} m_{120}^{(21)} m_{103}^{(21)} \\
 & & -2m_{200}^{(10)} m_{120}^{(21)} m_{013}^{(20)} - m_{200}^{(10)} m_{120}^{(22)} m_{112}^{(21)} + m_{200}^{(10)} m_{120}^{(22)} m_{022}^{(20)} - 2m_{200}^{(10)} m_{111}^{(10)} m_{022}^{(22)}
\end{array}
$$

$$+2m_{200}^{(10)}m_{111}^{(10)}m_{013}^{(21)}+2m_{200}^{(10)}m_{111}^{(11)}m_{103}^{(21)}-2m_{200}^{(10)}m_{111}^{(11)}m_{013}^{(20)}+2m_{200}^{(10)}m_{111}^{(20)}m_{031}^{(22)}$$
$$-2m_{200}^{(10)}m_{111}^{(20)}m_{022}^{(21)}-2m_{200}^{(10)}m_{111}^{(21)}m_{112}^{(21)}-2m_{200}^{(10)}m_{111}^{(21)}m_{103}^{(11)}+4m_{200}^{(10)}m_{111}^{(21)}m_{022}^{(20)}$$
$$+2m_{200}^{(10)}m_{111}^{(22)}m_{112}^{(11)}-2m_{200}^{(10)}m_{111}^{(22)}m_{031}^{(20)}+m_{200}^{(10)}m_{102}^{(10)}m_{031}^{(22)}-m_{200}^{(10)}m_{102}^{(10)}m_{022}^{(21)}$$
$$+m_{200}^{(10)}m_{102}^{(11)}m_{121}^{(22)}-2m_{200}^{(10)}m_{102}^{(11)}m_{112}^{(21)}+m_{200}^{(10)}m_{102}^{(11)}m_{022}^{(20)}-m_{200}^{(10)}m_{102}^{(20)}m_{040}^{(22)}$$
$$+m_{200}^{(10)}m_{102}^{(20)}m_{031}^{(21)}-m_{200}^{(10)}m_{102}^{(21)}m_{130}^{(22)}+m_{200}^{(10)}m_{102}^{(21)}m_{121}^{(21)}+2m_{200}^{(10)}m_{102}^{(21)}m_{112}^{(11)}$$
$$-2m_{200}^{(10)}m_{102}^{(21)}m_{031}^{(20)}+m_{200}^{(10)}m_{102}^{(22)}m_{130}^{(21)}-2m_{200}^{(10)}m_{102}^{(22)}m_{121}^{(11)}+m_{200}^{(10)}m_{102}^{(22)}m_{040}^{(20)}$$
$$-m_{200}^{(10)}m_{030}^{(10)}m_{103}^{(22)}+m_{200}^{(10)}m_{030}^{(10)}m_{004}^{(20)}+m_{200}^{(10)}m_{030}^{(20)}m_{112}^{(22)}-m_{200}^{(10)}m_{030}^{(20)}m_{013}^{(20)}$$
$$+m_{200}^{(10)}m_{030}^{(21)}m_{103}^{(20)}-m_{200}^{(10)}m_{030}^{(21)}m_{004}^{(00)}-m_{200}^{(10)}m_{030}^{(22)}m_{112}^{(20)}+m_{200}^{(10)}m_{030}^{(22)}m_{013}^{(00)}$$
$$+2m_{200}^{(10)}m_{021}^{(10)}m_{112}^{(22)}+m_{200}^{(10)}m_{021}^{(10)}m_{103}^{(21)}-3m_{200}^{(10)}m_{021}^{(10)}m_{013}^{(20)}+m_{200}^{(10)}m_{021}^{(11)}m_{202}^{(22)}$$
$$-m_{200}^{(10)}m_{021}^{(11)}m_{103}^{(20)}-2m_{200}^{(10)}m_{021}^{(20)}m_{121}^{(22)}-m_{200}^{(10)}m_{021}^{(20)}m_{112}^{(21)}+3m_{200}^{(10)}m_{021}^{(20)}m_{022}^{(20)}$$
$$-m_{200}^{(10)}m_{021}^{(21)}m_{211}^{(22)}-m_{200}^{(10)}m_{021}^{(21)}m_{202}^{(21)}-m_{200}^{(10)}m_{021}^{(21)}m_{112}^{(20)}+3m_{200}^{(10)}m_{021}^{(21)}m_{013}^{(00)}$$
$$+m_{200}^{(10)}m_{021}^{(22)}m_{211}^{(21)}+2m_{200}^{(10)}m_{021}^{(22)}m_{121}^{(20)}-3m_{200}^{(10)}m_{021}^{(22)}m_{022}^{(00)}-m_{200}^{(10)}m_{012}^{(10)}m_{121}^{(22)}$$
$$-2m_{200}^{(10)}m_{012}^{(10)}m_{112}^{(21)}+3m_{200}^{(10)}m_{012}^{(10)}m_{022}^{(20)}-m_{200}^{(10)}m_{012}^{(11)}m_{211}^{(22)}-m_{200}^{(10)}m_{012}^{(11)}m_{202}^{(21)}$$
$$+2m_{200}^{(10)}m_{012}^{(11)}m_{112}^{(20)}+m_{200}^{(10)}m_{012}^{(20)}m_{130}^{(22)}+2m_{200}^{(10)}m_{012}^{(20)}m_{121}^{(21)}-3m_{200}^{(10)}m_{012}^{(20)}m_{031}^{(20)}$$
$$+m_{200}^{(10)}m_{012}^{(21)}m_{220}^{(22)}+2m_{200}^{(10)}m_{012}^{(21)}m_{211}^{(21)}+m_{200}^{(10)}m_{012}^{(21)}m_{202}^{(11)}-m_{200}^{(10)}m_{012}^{(21)}m_{121}^{(20)}$$
$$-3m_{200}^{(10)}m_{012}^{(21)}m_{022}^{(00)}-m_{200}^{(10)}m_{012}^{(22)}m_{220}^{(21)}-m_{200}^{(10)}m_{012}^{(22)}m_{211}^{(11)}-m_{200}^{(10)}m_{012}^{(22)}m_{130}^{(20)}$$
$$+3m_{200}^{(10)}m_{012}^{(22)}m_{031}^{(00)}+m_{200}^{(10)}m_{003}^{(10)}m_{121}^{(21)}-m_{200}^{(10)}m_{003}^{(10)}m_{031}^{(20)}+m_{200}^{(10)}m_{003}^{(11)}m_{211}^{(21)}$$
$$-m_{200}^{(10)}m_{003}^{(11)}m_{121}^{(20)}-m_{200}^{(10)}m_{003}^{(20)}m_{130}^{(21)}+m_{200}^{(10)}m_{003}^{(20)}m_{040}^{(20)}-m_{200}^{(10)}m_{003}^{(21)}m_{220}^{(21)}$$
$$-m_{200}^{(10)}m_{003}^{(21)}m_{211}^{(11)}+m_{200}^{(10)}m_{003}^{(21)}m_{130}^{(20)}+m_{200}^{(10)}m_{003}^{(21)}m_{031}^{(00)}+m_{200}^{(10)}m_{003}^{(22)}m_{220}^{(11)}$$
$$-m_{200}^{(10)}m_{003}^{(22)}m_{040}^{(00)}-m_{200}^{(11)}m_{210}^{(10)}m_{013}^{(22)}+m_{200}^{(11)}m_{210}^{(10)}m_{004}^{(21)}+m_{200}^{(11)}m_{210}^{(20)}m_{022}^{(22)}$$
$$-m_{200}^{(11)}m_{210}^{(20)}m_{013}^{(21)}+m_{200}^{(11)}m_{210}^{(21)}m_{013}^{(20)}-m_{200}^{(11)}m_{210}^{(21)}m_{004}^{(10)}-m_{200}^{(11)}m_{210}^{(22)}m_{022}^{(20)}$$
$$+m_{200}^{(11)}m_{210}^{(22)}m_{013}^{(10)}+m_{200}^{(11)}m_{201}^{(10)}m_{022}^{(22)}-m_{200}^{(11)}m_{201}^{(10)}m_{013}^{(21)}-m_{200}^{(11)}m_{201}^{(20)}m_{031}^{(22)}$$
$$+m_{200}^{(11)}m_{201}^{(20)}m_{022}^{(21)}-m_{200}^{(11)}m_{201}^{(21)}m_{022}^{(20)}+m_{200}^{(11)}m_{201}^{(21)}m_{013}^{(10)}+m_{200}^{(11)}m_{201}^{(22)}m_{031}^{(20)}$$
$$-m_{200}^{(11)}m_{201}^{(22)}m_{022}^{(10)}+m_{200}^{(11)}m_{120}^{(10)}m_{103}^{(22)}-m_{200}^{(11)}m_{120}^{(10)}m_{004}^{(20)}-m_{200}^{(11)}m_{120}^{(20)}m_{112}^{(22)}$$
$$+m_{200}^{(11)}m_{120}^{(20)}m_{013}^{(20)}-m_{200}^{(11)}m_{120}^{(21)}m_{103}^{(20)}+m_{200}^{(11)}m_{120}^{(21)}m_{004}^{(00)}+m_{200}^{(11)}m_{120}^{(22)}m_{112}^{(20)}$$
$$-m_{200}^{(11)}m_{120}^{(22)}m_{013}^{(00)}-2m_{200}^{(11)}m_{111}^{(10)}m_{103}^{(21)}+2m_{200}^{(11)}m_{111}^{(10)}m_{013}^{(20)}+2m_{200}^{(11)}m_{111}^{(20)}m_{112}^{(21)}$$
$$-2m_{200}^{(11)}m_{111}^{(20)}m_{022}^{(20)}+2m_{200}^{(11)}m_{111}^{(21)}m_{103}^{(10)}-2m_{200}^{(11)}m_{111}^{(21)}m_{013}^{(00)}-2m_{200}^{(11)}m_{111}^{(22)}m_{112}^{(10)}$$
$$+2m_{200}^{(11)}m_{111}^{(22)}m_{022}^{(00)}-m_{200}^{(11)}m_{102}^{(10)}m_{121}^{(22)}+2m_{200}^{(11)}m_{102}^{(10)}m_{112}^{(21)}-m_{200}^{(11)}m_{102}^{(10)}m_{022}^{(20)}$$
$$+m_{200}^{(11)}m_{102}^{(20)}m_{130}^{(22)}-2m_{200}^{(11)}m_{102}^{(20)}m_{121}^{(21)}+m_{200}^{(11)}m_{102}^{(20)}m_{031}^{(20)}+m_{200}^{(11)}m_{102}^{(21)}m_{121}^{(20)}$$
$$-2m_{200}^{(11)}m_{102}^{(21)}m_{112}^{(10)}+m_{200}^{(11)}m_{102}^{(21)}m_{022}^{(00)}-m_{200}^{(11)}m_{102}^{(22)}m_{130}^{(20)}+2m_{200}^{(11)}m_{102}^{(22)}m_{121}^{(10)}$$
$$-m_{200}^{(11)}m_{102}^{(22)}m_{031}^{(00)}-m_{200}^{(11)}m_{021}^{(10)}m_{202}^{(22)}+m_{200}^{(11)}m_{021}^{(10)}m_{103}^{(20)}+m_{200}^{(11)}m_{021}^{(20)}m_{211}^{(22)}$$
$$-m_{200}^{(11)}m_{021}^{(20)}m_{112}^{(20)}+m_{200}^{(11)}m_{021}^{(21)}m_{202}^{(20)}-m_{200}^{(11)}m_{021}^{(21)}m_{103}^{(00)}-m_{200}^{(11)}m_{021}^{(22)}m_{211}^{(20)}$$
$$+m_{200}^{(11)}m_{021}^{(22)}m_{112}^{(00)}+m_{200}^{(11)}m_{012}^{(10)}m_{211}^{(22)}+m_{200}^{(11)}m_{012}^{(10)}m_{202}^{(21)}-2m_{200}^{(11)}m_{012}^{(10)}m_{112}^{(20)}$$
$$-m_{200}^{(11)}m_{012}^{(20)}m_{220}^{(22)}-m_{200}^{(11)}m_{012}^{(20)}m_{211}^{(21)}+2m_{200}^{(11)}m_{012}^{(20)}m_{121}^{(20)}-m_{200}^{(11)}m_{012}^{(21)}m_{211}^{(20)}$$
$$-m_{200}^{(11)}m_{012}^{(21)}m_{202}^{(10)}+2m_{200}^{(11)}m_{012}^{(21)}m_{112}^{(00)}+m_{200}^{(11)}m_{012}^{(22)}m_{220}^{(20)}+m_{200}^{(11)}m_{012}^{(22)}m_{211}^{(10)}$$
$$-2m_{200}^{(11)}m_{012}^{(22)}m_{121}^{(00)}-m_{200}^{(11)}m_{003}^{(10)}m_{211}^{(21)}+m_{200}^{(11)}m_{003}^{(10)}m_{121}^{(20)}+m_{200}^{(11)}m_{003}^{(20)}m_{220}^{(21)}$$
$$-m_{200}^{(11)}m_{003}^{(20)}m_{130}^{(20)}+m_{200}^{(11)}m_{003}^{(21)}m_{211}^{(10)}-m_{200}^{(11)}m_{003}^{(21)}m_{121}^{(00)}-m_{200}^{(11)}m_{003}^{(22)}m_{220}^{(10)}$$
$$+m_{200}^{(11)}m_{003}^{(22)}m_{130}^{(00)}-m_{200}^{(20)}m_{210}^{(11)}m_{022}^{(22)}+m_{200}^{(20)}m_{210}^{(11)}m_{013}^{(21)}+m_{200}^{(20)}m_{210}^{(21)}m_{031}^{(22)}$$

$$
\begin{aligned}
&-m_{200}^{(20)}m_{210}^{(21)}m_{013}^{(11)} - m_{200}^{(20)}m_{210}^{(22)}m_{031}^{(21)} + m_{200}^{(20)}m_{210}^{(22)}m_{022}^{(11)} + m_{200}^{(20)}m_{201}^{(11)}m_{031}^{(22)}\\
&-m_{200}^{(20)}m_{201}^{(11)}m_{022}^{(21)} - m_{200}^{(20)}m_{201}^{(21)}m_{040}^{(22)} + m_{200}^{(20)}m_{201}^{(21)}m_{022}^{(11)} + m_{200}^{(20)}m_{201}^{(22)}m_{040}^{(21)}\\
&-m_{200}^{(20)}m_{201}^{(22)}m_{031}^{(11)} - m_{200}^{(20)}m_{120}^{(10)}m_{013}^{(21)} + m_{200}^{(20)}m_{120}^{(10)}m_{004}^{(11)} + 2m_{200}^{(20)}m_{120}^{(11)}m_{112}^{(22)}\\
&-m_{200}^{(20)}m_{120}^{(11)}m_{103}^{(21)} - m_{200}^{(20)}m_{120}^{(11)}m_{004}^{(10)} + m_{200}^{(20)}m_{120}^{(20)}m_{022}^{(21)} - m_{200}^{(20)}m_{120}^{(20)}m_{013}^{(11)}\\
&-2m_{200}^{(20)}m_{120}^{(21)}m_{121}^{(22)} - m_{200}^{(20)}m_{120}^{(21)}m_{112}^{(21)} + m_{200}^{(20)}m_{120}^{(21)}m_{103}^{(11)} + 2m_{200}^{(20)}m_{120}^{(21)}m_{013}^{(10)}\\
&+2m_{200}^{(20)}m_{120}^{(22)}m_{121}^{(21)} - m_{200}^{(20)}m_{120}^{(22)}m_{112}^{(11)} - m_{200}^{(20)}m_{120}^{(22)}m_{022}^{(10)} + 2m_{200}^{(20)}m_{111}^{(10)}m_{022}^{(21)}\\
&-2m_{200}^{(20)}m_{111}^{(10)}m_{013}^{(11)} - 2m_{200}^{(20)}m_{111}^{(11)}m_{121}^{(22)} + 2m_{200}^{(20)}m_{111}^{(11)}m_{013}^{(10)} - 2m_{200}^{(20)}m_{111}^{(20)}m_{031}^{(21)}\\
&+2m_{200}^{(20)}m_{111}^{(20)}m_{022}^{(11)} + 2m_{200}^{(20)}m_{111}^{(21)}m_{130}^{(22)} + 2m_{200}^{(20)}m_{111}^{(21)}m_{121}^{(21)} - 4m_{200}^{(20)}m_{111}^{(21)}m_{022}^{(10)}\\
&-2m_{200}^{(20)}m_{111}^{(22)}m_{130}^{(21)} + 2m_{200}^{(20)}m_{111}^{(22)}m_{031}^{(10)} - m_{200}^{(20)}m_{102}^{(10)}m_{031}^{(21)} + m_{200}^{(20)}m_{102}^{(10)}m_{022}^{(11)}\\
&+m_{200}^{(20)}m_{102}^{(11)}m_{121}^{(21)} - m_{200}^{(20)}m_{102}^{(11)}m_{022}^{(10)} + m_{200}^{(20)}m_{102}^{(20)}m_{040}^{(21)} - m_{200}^{(20)}m_{102}^{(20)}m_{031}^{(11)}\\
&-m_{200}^{(20)}m_{102}^{(21)}m_{130}^{(21)} - m_{200}^{(20)}m_{102}^{(21)}m_{121}^{(11)} + 2m_{200}^{(20)}m_{102}^{(21)}m_{031}^{(10)} + m_{200}^{(20)}m_{102}^{(22)}m_{130}^{(11)}\\
&-m_{200}^{(20)}m_{102}^{(22)}m_{040}^{(10)} + m_{200}^{(20)}m_{030}^{(10)}m_{103}^{(21)} - m_{200}^{(20)}m_{030}^{(10)}m_{004}^{(10)} - m_{200}^{(20)}m_{030}^{(11)}m_{202}^{(22)}\\
&+m_{200}^{(20)}m_{030}^{(11)}m_{004}^{(00)} - m_{200}^{(20)}m_{030}^{(20)}m_{112}^{(21)} + m_{200}^{(20)}m_{030}^{(20)}m_{013}^{(10)} + m_{200}^{(20)}m_{030}^{(21)}m_{211}^{(22)}\\
&+m_{200}^{(20)}m_{030}^{(21)}m_{202}^{(21)} - m_{200}^{(20)}m_{030}^{(21)}m_{103}^{(10)} - m_{200}^{(20)}m_{030}^{(21)}m_{013}^{(00)} - m_{200}^{(20)}m_{030}^{(22)}m_{211}^{(21)}\\
&+m_{200}^{(20)}m_{030}^{(22)}m_{112}^{(10)} - 2m_{200}^{(20)}m_{021}^{(10)}m_{112}^{(21)} - m_{200}^{(20)}m_{021}^{(10)}m_{103}^{(11)} + 3m_{200}^{(20)}m_{021}^{(10)}m_{013}^{(10)}\\
&+m_{200}^{(20)}m_{021}^{(11)}m_{211}^{(22)} + m_{200}^{(20)}m_{021}^{(11)}m_{202}^{(21)} + m_{200}^{(20)}m_{021}^{(11)}m_{103}^{(10)} - 3m_{200}^{(20)}m_{021}^{(11)}m_{013}^{(00)}\\
&+2m_{200}^{(20)}m_{021}^{(20)}m_{121}^{(21)} + m_{200}^{(20)}m_{021}^{(20)}m_{112}^{(11)} - 3m_{200}^{(20)}m_{021}^{(20)}m_{022}^{(10)} - m_{200}^{(20)}m_{021}^{(21)}m_{220}^{(22)}\\
&-2m_{200}^{(20)}m_{021}^{(21)}m_{211}^{(21)} - m_{200}^{(20)}m_{021}^{(21)}m_{202}^{(11)} + m_{200}^{(20)}m_{021}^{(21)}m_{112}^{(10)} + 3m_{200}^{(20)}m_{021}^{(21)}m_{022}^{(00)}\\
&+m_{200}^{(20)}m_{021}^{(22)}m_{220}^{(21)} + m_{200}^{(20)}m_{021}^{(22)}m_{211}^{(11)} - 2m_{200}^{(20)}m_{021}^{(22)}m_{121}^{(10)} + m_{200}^{(20)}m_{012}^{(10)}m_{121}^{(21)}\\
&+2m_{200}^{(20)}m_{012}^{(10)}m_{112}^{(11)} - 3m_{200}^{(20)}m_{012}^{(10)}m_{022}^{(10)} - m_{200}^{(20)}m_{012}^{(11)}m_{211}^{(21)} - 2m_{200}^{(20)}m_{012}^{(11)}m_{112}^{(10)}\\
&+3m_{200}^{(20)}m_{012}^{(11)}m_{022}^{(00)} - m_{200}^{(20)}m_{012}^{(20)}m_{130}^{(21)} - 2m_{200}^{(20)}m_{012}^{(20)}m_{121}^{(11)} + 3m_{200}^{(20)}m_{012}^{(20)}m_{031}^{(10)}\\
&+m_{200}^{(20)}m_{012}^{(21)}m_{220}^{(21)} + m_{200}^{(20)}m_{012}^{(21)}m_{211}^{(11)} + m_{200}^{(20)}m_{012}^{(21)}m_{121}^{(10)} - 3m_{200}^{(20)}m_{012}^{(21)}m_{031}^{(00)}\\
&-m_{200}^{(20)}m_{012}^{(22)}m_{220}^{(11)} + m_{200}^{(20)}m_{012}^{(22)}m_{130}^{(10)} - m_{200}^{(20)}m_{003}^{(10)}m_{121}^{(11)} + m_{200}^{(20)}m_{003}^{(10)}m_{031}^{(10)}\\
&+m_{200}^{(20)}m_{003}^{(11)}m_{121}^{(10)} - m_{200}^{(20)}m_{003}^{(11)}m_{031}^{(00)} + m_{200}^{(20)}m_{003}^{(20)}m_{130}^{(11)} - m_{200}^{(20)}m_{003}^{(20)}m_{040}^{(10)}\\
&-m_{200}^{(20)}m_{003}^{(21)}m_{130}^{(10)} + m_{200}^{(20)}m_{003}^{(21)}m_{040}^{(00)} + m_{200}^{(21)}m_{210}^{(10)}m_{022}^{(22)} - m_{200}^{(21)}m_{210}^{(10)}m_{004}^{(11)}\\
&-m_{200}^{(21)}m_{210}^{(11)}m_{013}^{(20)} + m_{200}^{(21)}m_{210}^{(11)}m_{004}^{(10)} - m_{200}^{(21)}m_{210}^{(20)}m_{031}^{(22)} + m_{200}^{(21)}m_{210}^{(20)}m_{013}^{(11)}\\
&+m_{200}^{(21)}m_{210}^{(22)}m_{031}^{(20)} - m_{200}^{(21)}m_{210}^{(22)}m_{022}^{(10)} - m_{200}^{(21)}m_{201}^{(10)}m_{031}^{(22)} + m_{200}^{(21)}m_{201}^{(10)}m_{013}^{(11)}\\
&+m_{200}^{(21)}m_{201}^{(11)}m_{022}^{(20)} - m_{200}^{(21)}m_{201}^{(11)}m_{013}^{(10)} + m_{200}^{(21)}m_{201}^{(20)}m_{040}^{(22)} - m_{200}^{(21)}m_{201}^{(20)}m_{022}^{(11)}\\
&-m_{200}^{(21)}m_{201}^{(22)}m_{040}^{(20)} + m_{200}^{(21)}m_{201}^{(22)}m_{031}^{(10)} - 2m_{200}^{(21)}m_{120}^{(10)}m_{112}^{(22)} + m_{200}^{(21)}m_{120}^{(10)}m_{013}^{(20)}\\
&+m_{200}^{(21)}m_{120}^{(10)}m_{004}^{(10)} + m_{200}^{(21)}m_{120}^{(11)}m_{103}^{(20)} - m_{200}^{(21)}m_{120}^{(11)}m_{004}^{(00)} + 2m_{200}^{(21)}m_{120}^{(20)}m_{121}^{(22)}\\
&-m_{200}^{(21)}m_{120}^{(20)}m_{022}^{(20)} - m_{200}^{(21)}m_{120}^{(20)}m_{013}^{(10)} + m_{200}^{(21)}m_{120}^{(21)}m_{112}^{(20)} - m_{200}^{(21)}m_{120}^{(21)}m_{103}^{(10)}\\
&-2m_{200}^{(21)}m_{120}^{(22)}m_{121}^{(20)} + m_{200}^{(21)}m_{120}^{(22)}m_{112}^{(10)} + m_{200}^{(21)}m_{120}^{(22)}m_{022}^{(00)} + 2m_{200}^{(21)}m_{111}^{(10)}m_{121}^{(22)}\\
&+2m_{200}^{(21)}m_{111}^{(10)}m_{103}^{(11)} - 2m_{200}^{(21)}m_{111}^{(10)}m_{022}^{(20)} - 2m_{200}^{(21)}m_{111}^{(10)}m_{013}^{(10)} - 2m_{200}^{(21)}m_{111}^{(11)}m_{103}^{(10)}\\
&+2m_{200}^{(21)}m_{111}^{(11)}m_{013}^{(00)} - 2m_{200}^{(21)}m_{111}^{(20)}m_{130}^{(22)} - 2m_{200}^{(21)}m_{111}^{(20)}m_{112}^{(11)} + 2m_{200}^{(21)}m_{111}^{(20)}m_{031}^{(20)}\\
&+2m_{200}^{(21)}m_{111}^{(20)}m_{022}^{(10)} - 2m_{200}^{(21)}m_{111}^{(21)}m_{121}^{(20)} + 2m_{200}^{(21)}m_{111}^{(21)}m_{112}^{(10)} + 2m_{200}^{(21)}m_{111}^{(22)}m_{130}^{(20)}\\
&-2m_{200}^{(21)}m_{111}^{(22)}m_{031}^{(00)} - 2m_{200}^{(21)}m_{102}^{(10)}m_{112}^{(11)} + m_{200}^{(21)}m_{102}^{(10)}m_{031}^{(20)} + m_{200}^{(21)}m_{102}^{(10)}m_{022}^{(10)}\\
&-m_{200}^{(21)}m_{102}^{(11)}m_{121}^{(20)} + 2m_{200}^{(21)}m_{102}^{(11)}m_{112}^{(10)} - m_{200}^{(21)}m_{102}^{(11)}m_{022}^{(00)} + 2m_{200}^{(21)}m_{102}^{(20)}m_{121}^{(11)}\\
&-m_{200}^{(21)}m_{102}^{(20)}m_{040}^{(20)} - m_{200}^{(21)}m_{102}^{(20)}m_{031}^{(10)} + m_{200}^{(21)}m_{102}^{(21)}m_{130}^{(20)} - m_{200}^{(21)}m_{102}^{(21)}m_{121}^{(10)}
\end{aligned}
$$

$$
\begin{aligned}
&-m_{200}^{(21)}m_{102}^{(22)}m_{130}^{(10)}+m_{200}^{(21)}m_{102}^{(22)}m_{040}^{(00)}+m_{200}^{(21)}m_{030}^{(10)}m_{202}^{(22)}-m_{200}^{(21)}m_{030}^{(10)}m_{103}^{(20)}\\
&-m_{200}^{(21)}m_{030}^{(20)}m_{211}^{(22)}+m_{200}^{(21)}m_{030}^{(20)}m_{112}^{(20)}-m_{200}^{(21)}m_{030}^{(21)}m_{202}^{(20)}+m_{200}^{(21)}m_{030}^{(21)}m_{103}^{(00)}\\
&+m_{200}^{(21)}m_{030}^{(22)}m_{211}^{(20)}-m_{200}^{(21)}m_{030}^{(22)}m_{112}^{(00)}-m_{200}^{(21)}m_{021}^{(10)}m_{211}^{(22)}+2m_{200}^{(21)}m_{021}^{(10)}m_{112}^{(20)}\\
&-m_{200}^{(21)}m_{021}^{(10)}m_{103}^{(10)}-m_{200}^{(21)}m_{021}^{(11)}m_{202}^{(20)}+m_{200}^{(21)}m_{021}^{(11)}m_{103}^{(00)}+m_{200}^{(21)}m_{021}^{(20)}m_{220}^{(22)}\\
&-2m_{200}^{(21)}m_{021}^{(20)}m_{121}^{(20)}+m_{200}^{(21)}m_{021}^{(20)}m_{112}^{(10)}+2m_{200}^{(21)}m_{021}^{(21)}m_{211}^{(20)}+m_{200}^{(21)}m_{021}^{(21)}m_{202}^{(10)}\\
&-3m_{200}^{(21)}m_{021}^{(21)}m_{112}^{(00)}-m_{200}^{(21)}m_{021}^{(22)}m_{220}^{(20)}-m_{200}^{(21)}m_{021}^{(22)}m_{211}^{(10)}+2m_{200}^{(21)}m_{021}^{(22)}m_{121}^{(00)}\\
&-m_{200}^{(21)}m_{012}^{(10)}m_{202}^{(11)}-m_{200}^{(21)}m_{012}^{(10)}m_{121}^{(20)}+2m_{200}^{(21)}m_{012}^{(10)}m_{112}^{(10)}+m_{200}^{(21)}m_{012}^{(11)}m_{211}^{(20)}\\
&+m_{200}^{(21)}m_{012}^{(11)}m_{202}^{(10)}-2m_{200}^{(21)}m_{012}^{(11)}m_{112}^{(00)}+m_{200}^{(21)}m_{012}^{(20)}m_{211}^{(11)}+m_{200}^{(21)}m_{012}^{(20)}m_{130}^{(20)}\\
&-2m_{200}^{(21)}m_{012}^{(20)}m_{121}^{(10)}-m_{200}^{(21)}m_{012}^{(21)}m_{220}^{(20)}-2m_{200}^{(21)}m_{012}^{(21)}m_{211}^{(10)}+3m_{200}^{(21)}m_{012}^{(21)}m_{121}^{(00)}\\
&+m_{200}^{(21)}m_{012}^{(22)}m_{220}^{(10)}-m_{200}^{(21)}m_{012}^{(22)}m_{130}^{(00)}+m_{200}^{(21)}m_{003}^{(10)}m_{211}^{(11)}-m_{200}^{(21)}m_{003}^{(10)}m_{121}^{(10)}\\
&-m_{200}^{(21)}m_{003}^{(11)}m_{211}^{(10)}+m_{200}^{(21)}m_{003}^{(11)}m_{121}^{(00)}-m_{200}^{(21)}m_{003}^{(20)}m_{220}^{(11)}+m_{200}^{(21)}m_{003}^{(20)}m_{130}^{(10)}\\
&+m_{200}^{(21)}m_{003}^{(21)}m_{220}^{(10)}-m_{200}^{(21)}m_{003}^{(21)}m_{130}^{(00)}-m_{200}^{(22)}m_{210}^{(10)}m_{022}^{(21)}+m_{200}^{(22)}m_{210}^{(10)}m_{013}^{(11)}\\
&+m_{200}^{(22)}m_{210}^{(11)}m_{022}^{(20)}-m_{200}^{(22)}m_{210}^{(11)}m_{013}^{(10)}+m_{200}^{(22)}m_{210}^{(20)}m_{031}^{(21)}-m_{200}^{(22)}m_{210}^{(20)}m_{022}^{(11)}\\
&-m_{200}^{(22)}m_{210}^{(21)}m_{031}^{(20)}+m_{200}^{(22)}m_{210}^{(21)}m_{022}^{(10)}+m_{200}^{(22)}m_{201}^{(10)}m_{031}^{(21)}-m_{200}^{(22)}m_{201}^{(10)}m_{022}^{(11)}\\
&-m_{200}^{(22)}m_{201}^{(11)}m_{031}^{(20)}+m_{200}^{(22)}m_{201}^{(11)}m_{022}^{(10)}-m_{200}^{(22)}m_{201}^{(20)}m_{040}^{(21)}+m_{200}^{(22)}m_{201}^{(20)}m_{031}^{(11)}\\
&+m_{200}^{(22)}m_{201}^{(21)}m_{040}^{(20)}-m_{200}^{(22)}m_{201}^{(21)}m_{031}^{(10)}+2m_{200}^{(22)}m_{120}^{(10)}m_{112}^{(21)}-m_{200}^{(22)}m_{120}^{(10)}m_{103}^{(11)}\\
&-m_{200}^{(22)}m_{120}^{(10)}m_{013}^{(10)}-2m_{200}^{(22)}m_{120}^{(11)}m_{112}^{(20)}+m_{200}^{(22)}m_{120}^{(11)}m_{103}^{(10)}+m_{200}^{(22)}m_{120}^{(11)}m_{013}^{(00)}\\
&-2m_{200}^{(22)}m_{120}^{(20)}m_{121}^{(21)}+m_{200}^{(22)}m_{120}^{(20)}m_{112}^{(11)}+m_{200}^{(22)}m_{120}^{(20)}m_{022}^{(10)}+2m_{200}^{(22)}m_{120}^{(21)}m_{121}^{(20)}\\
&-m_{200}^{(22)}m_{120}^{(21)}m_{112}^{(10)}-m_{200}^{(22)}m_{120}^{(21)}m_{022}^{(00)}-2m_{200}^{(22)}m_{111}^{(10)}m_{121}^{(21)}+2m_{200}^{(22)}m_{111}^{(10)}m_{022}^{(10)}\\
&+2m_{200}^{(22)}m_{111}^{(11)}m_{121}^{(20)}-2m_{200}^{(22)}m_{111}^{(11)}m_{022}^{(00)}+2m_{200}^{(22)}m_{111}^{(20)}m_{130}^{(21)}-2m_{200}^{(22)}m_{111}^{(20)}m_{031}^{(10)}\\
&-2m_{200}^{(22)}m_{111}^{(21)}m_{130}^{(20)}+2m_{200}^{(22)}m_{111}^{(21)}m_{031}^{(00)}+m_{200}^{(22)}m_{102}^{(10)}m_{121}^{(11)}-m_{200}^{(22)}m_{102}^{(10)}m_{031}^{(10)}\\
&-m_{200}^{(22)}m_{102}^{(11)}m_{121}^{(10)}+m_{200}^{(22)}m_{102}^{(11)}m_{031}^{(00)}-m_{200}^{(22)}m_{102}^{(20)}m_{130}^{(11)}+m_{200}^{(22)}m_{102}^{(20)}m_{040}^{(10)}\\
&+m_{200}^{(22)}m_{102}^{(21)}m_{130}^{(10)}-m_{200}^{(22)}m_{102}^{(21)}m_{040}^{(00)}-m_{200}^{(22)}m_{030}^{(10)}m_{202}^{(21)}+m_{200}^{(22)}m_{030}^{(10)}m_{103}^{(10)}\\
&+m_{200}^{(22)}m_{030}^{(11)}m_{202}^{(20)}-m_{200}^{(22)}m_{030}^{(11)}m_{103}^{(00)}+m_{200}^{(22)}m_{030}^{(20)}m_{211}^{(21)}-m_{200}^{(22)}m_{030}^{(20)}m_{112}^{(10)}\\
&-m_{200}^{(22)}m_{030}^{(21)}m_{211}^{(20)}+m_{200}^{(22)}m_{030}^{(21)}m_{112}^{(00)}+m_{200}^{(22)}m_{021}^{(10)}m_{211}^{(21)}+m_{200}^{(22)}m_{021}^{(10)}m_{202}^{(11)}\\
&-2m_{200}^{(22)}m_{021}^{(10)}m_{112}^{(10)}-m_{200}^{(22)}m_{021}^{(11)}m_{211}^{(20)}-m_{200}^{(22)}m_{021}^{(11)}m_{202}^{(10)}+2m_{200}^{(22)}m_{021}^{(11)}m_{112}^{(00)}\\
&-m_{200}^{(22)}m_{021}^{(20)}m_{220}^{(11)}+m_{200}^{(22)}m_{021}^{(20)}m_{211}^{(10)}+2m_{200}^{(22)}m_{021}^{(20)}m_{121}^{(10)}+m_{200}^{(22)}m_{021}^{(21)}m_{220}^{(20)}\\
&+m_{200}^{(22)}m_{021}^{(21)}m_{211}^{(10)}-2m_{200}^{(22)}m_{021}^{(21)}m_{121}^{(00)}-m_{200}^{(22)}m_{012}^{(10)}m_{211}^{(11)}+m_{200}^{(22)}m_{012}^{(10)}m_{121}^{(10)}\\
&+m_{200}^{(22)}m_{012}^{(11)}m_{211}^{(10)}-m_{200}^{(22)}m_{012}^{(11)}m_{121}^{(00)}+m_{200}^{(22)}m_{012}^{(20)}m_{220}^{(11)}-m_{200}^{(22)}m_{012}^{(20)}m_{130}^{(10)}\\
&-m_{200}^{(22)}m_{012}^{(21)}m_{220}^{(10)}+m_{200}^{(22)}m_{012}^{(21)}m_{130}^{(00)}+m_{110}^{(00)}m_{210}^{(11)}m_{013}^{(22)}-m_{110}^{(00)}m_{210}^{(11)}m_{004}^{(21)}\\
&-m_{110}^{(00)}m_{210}^{(21)}m_{022}^{(22)}+m_{110}^{(00)}m_{210}^{(21)}m_{004}^{(11)}+m_{110}^{(00)}m_{210}^{(22)}m_{022}^{(21)}-m_{110}^{(00)}m_{210}^{(22)}m_{013}^{(11)}\\
&-m_{110}^{(00)}m_{201}^{(11)}m_{022}^{(22)}+m_{110}^{(00)}m_{201}^{(11)}m_{013}^{(21)}+m_{110}^{(00)}m_{201}^{(21)}m_{031}^{(22)}-m_{110}^{(00)}m_{201}^{(21)}m_{013}^{(11)}\\
&-m_{110}^{(00)}m_{201}^{(22)}m_{031}^{(21)}+m_{110}^{(00)}m_{201}^{(22)}m_{022}^{(11)}+m_{110}^{(00)}m_{120}^{(10)}m_{013}^{(22)}-m_{110}^{(00)}m_{120}^{(10)}m_{004}^{(21)}\\
&-m_{110}^{(00)}m_{120}^{(11)}m_{103}^{(22)}+m_{110}^{(00)}m_{120}^{(11)}m_{004}^{(20)}-m_{110}^{(00)}m_{120}^{(20)}m_{013}^{(21)}+m_{110}^{(00)}m_{120}^{(20)}m_{004}^{(11)}\\
&+2m_{110}^{(00)}m_{120}^{(21)}m_{103}^{(21)}-m_{110}^{(00)}m_{120}^{(21)}m_{013}^{(20)}-m_{110}^{(00)}m_{120}^{(21)}m_{004}^{(10)}-m_{110}^{(00)}m_{120}^{(22)}m_{103}^{(11)}\\
&+m_{110}^{(00)}m_{120}^{(22)}m_{013}^{(10)}-2m_{110}^{(00)}m_{111}^{(10)}m_{022}^{(22)}+2m_{110}^{(00)}m_{111}^{(10)}m_{013}^{(21)}+2m_{110}^{(00)}m_{111}^{(11)}m_{103}^{(21)}\\
&-2m_{110}^{(00)}m_{111}^{(11)}m_{013}^{(20)}+2m_{110}^{(00)}m_{111}^{(20)}m_{022}^{(21)}-2m_{110}^{(00)}m_{111}^{(20)}m_{013}^{(11)}+2m_{110}^{(00)}m_{111}^{(21)}m_{121}^{(22)}\\
&-4m_{110}^{(00)}m_{111}^{(21)}m_{112}^{(21)}-2m_{110}^{(00)}m_{111}^{(21)}m_{103}^{(11)}+2m_{110}^{(00)}m_{111}^{(21)}m_{022}^{(20)}+2m_{110}^{(00)}m_{111}^{(21)}m_{013}^{(10)}
\end{aligned}
$$

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\begin{aligned}
&-2m_{110}^{(00)}m_{111}^{(22)}m_{121}^{(21)}+4m_{110}^{(00)}m_{111}^{(22)}m_{112}^{(11)}-2m_{110}^{(00)}m_{111}^{(22)}m_{022}^{(10)}+m_{110}^{(00)}m_{102}^{(10)}m_{031}^{(22)}\\
&-m_{110}^{(00)}m_{102}^{(10)}m_{022}^{(21)}+m_{110}^{(00)}m_{102}^{(11)}m_{121}^{(22)}-2m_{110}^{(00)}m_{102}^{(11)}m_{112}^{(21)}+m_{110}^{(00)}m_{102}^{(11)}m_{022}^{(20)}\\
&-m_{110}^{(00)}m_{102}^{(20)}m_{031}^{(21)}+m_{110}^{(00)}m_{102}^{(20)}m_{022}^{(11)}-2m_{110}^{(00)}m_{102}^{(21)}m_{130}^{(22)}+2m_{110}^{(00)}m_{102}^{(21)}m_{121}^{(21)}\\
&+2m_{110}^{(00)}m_{102}^{(21)}m_{112}^{(11)}-m_{110}^{(00)}m_{102}^{(21)}m_{031}^{(20)}-m_{110}^{(00)}m_{102}^{(21)}m_{022}^{(10)}+2m_{110}^{(00)}m_{102}^{(22)}m_{130}^{(21)}\\
&-3m_{110}^{(00)}m_{102}^{(22)}m_{121}^{(11)}+m_{110}^{(00)}m_{102}^{(22)}m_{031}^{(10)}-m_{110}^{(00)}m_{030}^{(10)}m_{103}^{(22)}+m_{110}^{(00)}m_{030}^{(10)}m_{004}^{(20)}\\
&+m_{110}^{(00)}m_{030}^{(20)}m_{103}^{(21)}-m_{110}^{(00)}m_{030}^{(20)}m_{004}^{(10)}+m_{110}^{(00)}m_{030}^{(21)}m_{202}^{(22)}-m_{110}^{(00)}m_{030}^{(21)}m_{103}^{(20)}\\
&-m_{110}^{(00)}m_{030}^{(22)}m_{202}^{(21)}+m_{110}^{(00)}m_{030}^{(22)}m_{103}^{(10)}+2m_{110}^{(00)}m_{021}^{(10)}m_{112}^{(22)}+m_{110}^{(00)}m_{021}^{(10)}m_{103}^{(21)}\\
&-3m_{110}^{(00)}m_{021}^{(10)}m_{013}^{(20)}+m_{110}^{(00)}m_{021}^{(11)}m_{202}^{(22)}-m_{110}^{(00)}m_{021}^{(11)}m_{103}^{(20)}-2m_{110}^{(00)}m_{021}^{(20)}m_{112}^{(21)}\\
&-m_{110}^{(00)}m_{021}^{(20)}m_{103}^{(11)}+3m_{110}^{(00)}m_{021}^{(20)}m_{013}^{(10)}-3m_{110}^{(00)}m_{021}^{(21)}m_{211}^{(22)}-2m_{110}^{(00)}m_{021}^{(21)}m_{202}^{(21)}\\
&+4m_{110}^{(00)}m_{021}^{(21)}m_{112}^{(20)}+m_{110}^{(00)}m_{021}^{(21)}m_{103}^{(10)}+3m_{110}^{(00)}m_{021}^{(22)}m_{211}^{(21)}+m_{110}^{(00)}m_{021}^{(22)}m_{202}^{(11)}\\
&-4m_{110}^{(00)}m_{021}^{(22)}m_{112}^{(10)}-m_{110}^{(00)}m_{012}^{(10)}m_{121}^{(22)}-2m_{110}^{(00)}m_{012}^{(10)}m_{112}^{(21)}+3m_{110}^{(00)}m_{012}^{(10)}m_{022}^{(20)}\\
&-m_{110}^{(00)}m_{012}^{(11)}m_{211}^{(22)}-m_{110}^{(00)}m_{012}^{(11)}m_{202}^{(21)}+2m_{110}^{(00)}m_{012}^{(11)}m_{112}^{(20)}+m_{110}^{(00)}m_{012}^{(20)}m_{121}^{(21)}\\
&+2m_{110}^{(00)}m_{012}^{(20)}m_{112}^{(11)}-3m_{110}^{(00)}m_{012}^{(20)}m_{022}^{(10)}+2m_{110}^{(00)}m_{012}^{(21)}m_{220}^{(22)}+4m_{110}^{(00)}m_{012}^{(21)}m_{211}^{(21)}\\
&+m_{110}^{(00)}m_{012}^{(21)}m_{202}^{(11)}-5m_{110}^{(00)}m_{012}^{(21)}m_{121}^{(20)}-2m_{110}^{(00)}m_{012}^{(21)}m_{112}^{(10)}-2m_{110}^{(00)}m_{012}^{(22)}m_{220}^{(21)}\\
&-3m_{110}^{(00)}m_{012}^{(22)}m_{211}^{(11)}+5m_{110}^{(00)}m_{012}^{(22)}m_{121}^{(10)}+m_{110}^{(00)}m_{003}^{(10)}m_{121}^{(21)}-m_{110}^{(00)}m_{003}^{(10)}m_{031}^{(20)}\\
&+m_{110}^{(00)}m_{003}^{(11)}m_{211}^{(21)}-m_{110}^{(00)}m_{003}^{(11)}m_{121}^{(20)}-m_{110}^{(00)}m_{003}^{(20)}m_{121}^{(11)}+m_{110}^{(00)}m_{003}^{(20)}m_{031}^{(10)}\\
&-2m_{110}^{(00)}m_{003}^{(21)}m_{220}^{(21)}-m_{110}^{(00)}m_{003}^{(21)}m_{211}^{(11)}+2m_{110}^{(00)}m_{003}^{(21)}m_{130}^{(20)}+m_{110}^{(00)}m_{003}^{(21)}m_{121}^{(10)}\\
&+2m_{110}^{(00)}m_{003}^{(22)}m_{220}^{(11)}-2m_{110}^{(00)}m_{003}^{(22)}m_{130}^{(10)}-m_{110}^{(10)}m_{300}^{(11)}m_{013}^{(22)}+m_{110}^{(10)}m_{300}^{(11)}m_{004}^{(21)}\\
&+m_{110}^{(10)}m_{300}^{(21)}m_{022}^{(22)}-m_{110}^{(10)}m_{300}^{(21)}m_{004}^{(11)}-m_{110}^{(10)}m_{300}^{(22)}m_{022}^{(21)}+m_{110}^{(10)}m_{300}^{(22)}m_{013}^{(11)}\\
&-2m_{110}^{(10)}m_{210}^{(10)}m_{013}^{(22)}+2m_{110}^{(10)}m_{210}^{(10)}m_{004}^{(21)}+m_{110}^{(10)}m_{210}^{(11)}m_{103}^{(22)}-m_{110}^{(10)}m_{210}^{(11)}m_{004}^{(20)}\\
&+m_{110}^{(10)}m_{210}^{(20)}m_{022}^{(22)}-m_{110}^{(10)}m_{210}^{(20)}m_{004}^{(11)}-2m_{110}^{(10)}m_{210}^{(21)}m_{103}^{(21)}+2m_{110}^{(10)}m_{210}^{(21)}m_{013}^{(20)}\\
&+m_{110}^{(10)}m_{210}^{(22)}m_{103}^{(11)}-m_{110}^{(10)}m_{210}^{(22)}m_{022}^{(20)}+2m_{110}^{(10)}m_{201}^{(10)}m_{022}^{(22)}-2m_{110}^{(10)}m_{201}^{(10)}m_{013}^{(21)}\\
&+2m_{110}^{(10)}m_{201}^{(11)}m_{112}^{(22)}-3m_{110}^{(10)}m_{201}^{(11)}m_{103}^{(21)}+m_{110}^{(10)}m_{201}^{(11)}m_{013}^{(20)}-m_{110}^{(10)}m_{201}^{(20)}m_{031}^{(22)}\\
&+m_{110}^{(10)}m_{201}^{(20)}m_{013}^{(11)}-3m_{110}^{(10)}m_{201}^{(21)}m_{121}^{(22)}+2m_{110}^{(10)}m_{201}^{(21)}m_{112}^{(21)}+3m_{110}^{(10)}m_{201}^{(21)}m_{103}^{(11)}\\
&-2m_{110}^{(10)}m_{201}^{(21)}m_{022}^{(20)}+3m_{110}^{(10)}m_{201}^{(22)}m_{121}^{(21)}-4m_{110}^{(10)}m_{201}^{(22)}m_{112}^{(11)}+m_{110}^{(10)}m_{201}^{(22)}m_{031}^{(20)}\\
&-m_{110}^{(10)}m_{120}^{(00)}m_{013}^{(22)}+m_{110}^{(10)}m_{120}^{(00)}m_{004}^{(21)}+2m_{110}^{(10)}m_{120}^{(10)}m_{103}^{(22)}-2m_{110}^{(10)}m_{120}^{(10)}m_{004}^{(20)}\\
&-2m_{110}^{(10)}m_{120}^{(20)}m_{103}^{(21)}+2m_{110}^{(10)}m_{120}^{(20)}m_{013}^{(20)}-m_{110}^{(10)}m_{120}^{(21)}m_{202}^{(22)}+m_{110}^{(10)}m_{120}^{(21)}m_{004}^{(00)}\\
&+m_{110}^{(10)}m_{120}^{(22)}m_{202}^{(21)}-m_{110}^{(10)}m_{120}^{(22)}m_{013}^{(00)}+2m_{110}^{(10)}m_{111}^{(00)}m_{022}^{(22)}-2m_{110}^{(10)}m_{111}^{(00)}m_{013}^{(21)}\\
&-4m_{110}^{(10)}m_{111}^{(10)}m_{103}^{(21)}+4m_{110}^{(10)}m_{111}^{(10)}m_{013}^{(20)}-2m_{110}^{(10)}m_{111}^{(11)}m_{202}^{(22)}+2m_{110}^{(10)}m_{111}^{(11)}m_{103}^{(20)}\\
&-2m_{110}^{(10)}m_{111}^{(20)}m_{121}^{(22)}+4m_{110}^{(10)}m_{111}^{(20)}m_{112}^{(21)}+2m_{110}^{(10)}m_{111}^{(20)}m_{103}^{(11)}-4m_{110}^{(10)}m_{111}^{(20)}m_{022}^{(20)}\\
&+2m_{110}^{(10)}m_{111}^{(21)}m_{211}^{(22)}+4m_{110}^{(10)}m_{111}^{(21)}m_{202}^{(21)}-4m_{110}^{(10)}m_{111}^{(21)}m_{112}^{(20)}-2m_{110}^{(10)}m_{111}^{(21)}m_{013}^{(00)}\\
&-2m_{110}^{(10)}m_{111}^{(22)}m_{211}^{(21)}-2m_{110}^{(10)}m_{111}^{(22)}m_{202}^{(11)}+2m_{110}^{(10)}m_{111}^{(22)}m_{121}^{(20)}+2m_{110}^{(10)}m_{111}^{(22)}m_{022}^{(00)}\\
&-m_{110}^{(10)}m_{102}^{(00)}m_{031}^{(22)}+m_{110}^{(10)}m_{102}^{(00)}m_{022}^{(21)}-2m_{110}^{(10)}m_{102}^{(10)}m_{121}^{(22)}+4m_{110}^{(10)}m_{102}^{(10)}m_{112}^{(21)}\\
&-2m_{110}^{(10)}m_{102}^{(10)}m_{022}^{(20)}-m_{110}^{(10)}m_{102}^{(11)}m_{211}^{(22)}+3m_{110}^{(10)}m_{102}^{(11)}m_{202}^{(21)}-2m_{110}^{(10)}m_{102}^{(11)}m_{112}^{(20)}\\
&+2m_{110}^{(10)}m_{102}^{(20)}m_{130}^{(22)}-2m_{110}^{(10)}m_{102}^{(20)}m_{121}^{(21)}-2m_{110}^{(10)}m_{102}^{(20)}m_{112}^{(11)}+2m_{110}^{(10)}m_{102}^{(20)}m_{031}^{(20)}\\
&+2m_{110}^{(10)}m_{102}^{(21)}m_{220}^{(22)}-4m_{110}^{(10)}m_{102}^{(21)}m_{211}^{(21)}-3m_{110}^{(10)}m_{102}^{(21)}m_{202}^{(11)}+4m_{110}^{(10)}m_{102}^{(21)}m_{121}^{(20)}\\
&+m_{110}^{(10)}m_{102}^{(21)}m_{022}^{(00)}-2m_{110}^{(10)}m_{102}^{(22)}m_{220}^{(21)}+5m_{110}^{(10)}m_{102}^{(22)}m_{211}^{(11)}-2m_{110}^{(10)}m_{102}^{(22)}m_{130}^{(20)}\\
&-m_{110}^{(10)}m_{102}^{(22)}m_{031}^{(00)}+m_{110}^{(10)}m_{030}^{(00)}m_{103}^{(22)}-m_{110}^{(10)}m_{030}^{(00)}m_{004}^{(20)}-m_{110}^{(10)}m_{030}^{(20)}m_{202}^{(22)}
\end{aligned}
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$$+m_{110}^{(10)}m_{030}^{(20)}m_{004}^{(00)}+m_{110}^{(10)}m_{030}^{(22)}m_{202}^{(20)}-m_{110}^{(10)}m_{030}^{(22)}m_{103}^{(00)}-2m_{110}^{(10)}m_{021}^{(00)}m_{112}^{(22)}$$
$$-m_{110}^{(10)}m_{021}^{(00)}m_{103}^{(21)}+3m_{110}^{(10)}m_{021}^{(00)}m_{013}^{(20)}-2m_{110}^{(10)}m_{021}^{(10)}m_{202}^{(22)}+2m_{110}^{(10)}m_{021}^{(10)}m_{103}^{(20)}$$
$$+3m_{110}^{(10)}m_{021}^{(20)}m_{211}^{(22)}+2m_{110}^{(10)}m_{021}^{(20)}m_{202}^{(21)}-2m_{110}^{(10)}m_{021}^{(20)}m_{112}^{(20)}-3m_{110}^{(10)}m_{021}^{(20)}m_{013}^{(00)}$$
$$+m_{110}^{(10)}m_{021}^{(21)}m_{301}^{(22)}-m_{110}^{(10)}m_{021}^{(21)}m_{103}^{(00)}-m_{110}^{(10)}m_{021}^{(22)}m_{301}^{(21)}-3m_{110}^{(10)}m_{021}^{(22)}m_{211}^{(20)}$$
$$+4m_{110}^{(10)}m_{021}^{(22)}m_{112}^{(00)}+m_{110}^{(10)}m_{012}^{(00)}m_{121}^{(22)}+2m_{110}^{(10)}m_{012}^{(00)}m_{112}^{(21)}-3m_{110}^{(10)}m_{012}^{(00)}m_{022}^{(20)}$$
$$+2m_{110}^{(10)}m_{012}^{(10)}m_{211}^{(22)}+2m_{110}^{(10)}m_{012}^{(10)}m_{202}^{(21)}-4m_{110}^{(10)}m_{012}^{(10)}m_{112}^{(20)}+m_{110}^{(10)}m_{012}^{(11)}m_{301}^{(22)}$$
$$-m_{110}^{(10)}m_{012}^{(11)}m_{202}^{(20)}-2m_{110}^{(10)}m_{012}^{(20)}m_{220}^{(22)}-4m_{110}^{(10)}m_{012}^{(20)}m_{211}^{(21)}-m_{110}^{(10)}m_{012}^{(20)}m_{202}^{(11)}$$
$$+4m_{110}^{(10)}m_{012}^{(20)}m_{121}^{(20)}+3m_{110}^{(10)}m_{012}^{(20)}m_{022}^{(00)}-2m_{110}^{(10)}m_{012}^{(21)}m_{310}^{(22)}-2m_{110}^{(10)}m_{012}^{(21)}m_{301}^{(21)}$$
$$+2m_{110}^{(10)}m_{012}^{(21)}m_{211}^{(20)}+2m_{110}^{(10)}m_{012}^{(21)}m_{112}^{(00)}+2m_{110}^{(10)}m_{012}^{(22)}m_{310}^{(21)}+m_{110}^{(10)}m_{012}^{(22)}m_{301}^{(11)}$$
$$+2m_{110}^{(10)}m_{012}^{(22)}m_{220}^{(20)}-5m_{110}^{(10)}m_{012}^{(22)}m_{121}^{(00)}-m_{110}^{(10)}m_{003}^{(00)}m_{121}^{(21)}+m_{110}^{(10)}m_{003}^{(00)}m_{031}^{(20)}$$
$$-2m_{110}^{(10)}m_{003}^{(10)}m_{211}^{(21)}+2m_{110}^{(10)}m_{003}^{(10)}m_{121}^{(20)}-m_{110}^{(10)}m_{003}^{(11)}m_{301}^{(21)}+m_{110}^{(10)}m_{003}^{(11)}m_{211}^{(20)}$$
$$+2m_{110}^{(10)}m_{003}^{(20)}m_{220}^{(21)}+m_{110}^{(10)}m_{003}^{(20)}m_{211}^{(11)}-2m_{110}^{(10)}m_{003}^{(20)}m_{130}^{(20)}-m_{110}^{(10)}m_{003}^{(20)}m_{031}^{(00)}$$
$$+2m_{110}^{(10)}m_{003}^{(21)}m_{310}^{(21)}+m_{110}^{(10)}m_{003}^{(21)}m_{301}^{(11)}-2m_{110}^{(10)}m_{003}^{(21)}m_{220}^{(20)}-m_{110}^{(10)}m_{003}^{(21)}m_{121}^{(00)}$$
$$-2m_{110}^{(10)}m_{003}^{(22)}m_{310}^{(11)}+2m_{110}^{(10)}m_{003}^{(22)}m_{130}^{(00)}+m_{110}^{(11)}m_{300}^{(10)}m_{013}^{(22)}-m_{110}^{(11)}m_{300}^{(10)}m_{004}^{(21)}$$
$$-m_{110}^{(11)}m_{300}^{(20)}m_{022}^{(22)}+m_{110}^{(11)}m_{300}^{(20)}m_{013}^{(21)}-m_{110}^{(11)}m_{300}^{(21)}m_{013}^{(20)}+m_{110}^{(11)}m_{300}^{(21)}m_{004}^{(10)}$$
$$+m_{110}^{(11)}m_{300}^{(22)}m_{022}^{(20)}-m_{110}^{(11)}m_{300}^{(22)}m_{013}^{(10)}+m_{110}^{(11)}m_{210}^{(00)}m_{013}^{(22)}-m_{110}^{(11)}m_{210}^{(00)}m_{004}^{(21)}$$
$$-m_{110}^{(11)}m_{210}^{(10)}m_{103}^{(22)}+m_{110}^{(11)}m_{210}^{(10)}m_{004}^{(20)}+m_{110}^{(11)}m_{210}^{(20)}m_{103}^{(21)}-2m_{110}^{(11)}m_{210}^{(20)}m_{013}^{(20)}$$
$$+m_{110}^{(11)}m_{210}^{(20)}m_{004}^{(10)}+m_{110}^{(11)}m_{210}^{(21)}m_{103}^{(20)}-m_{110}^{(11)}m_{210}^{(21)}m_{004}^{(00)}-m_{110}^{(11)}m_{210}^{(22)}m_{103}^{(10)}$$
$$+m_{110}^{(11)}m_{210}^{(22)}m_{013}^{(00)}-m_{110}^{(11)}m_{201}^{(00)}m_{022}^{(22)}+m_{110}^{(11)}m_{201}^{(00)}m_{013}^{(21)}-2m_{110}^{(11)}m_{201}^{(10)}m_{112}^{(22)}$$
$$+3m_{110}^{(11)}m_{201}^{(10)}m_{103}^{(21)}-m_{110}^{(11)}m_{201}^{(10)}m_{013}^{(20)}+3m_{110}^{(11)}m_{201}^{(20)}m_{121}^{(22)}-4m_{110}^{(11)}m_{201}^{(20)}m_{112}^{(21)}$$
$$+2m_{110}^{(11)}m_{201}^{(20)}m_{022}^{(20)}-m_{110}^{(11)}m_{201}^{(20)}m_{013}^{(10)}+2m_{110}^{(11)}m_{201}^{(21)}m_{112}^{(20)}-3m_{110}^{(11)}m_{201}^{(21)}m_{103}^{(10)}$$
$$+m_{110}^{(11)}m_{201}^{(21)}m_{013}^{(00)}-3m_{110}^{(11)}m_{201}^{(22)}m_{121}^{(20)}+4m_{110}^{(11)}m_{201}^{(22)}m_{112}^{(10)}-m_{110}^{(11)}m_{201}^{(22)}m_{022}^{(00)}$$
$$-m_{110}^{(11)}m_{120}^{(00)}m_{103}^{(22)}+m_{110}^{(11)}m_{120}^{(00)}m_{004}^{(20)}+m_{110}^{(11)}m_{120}^{(20)}m_{202}^{(22)}-m_{110}^{(11)}m_{120}^{(20)}m_{004}^{(00)}$$
$$-m_{110}^{(11)}m_{120}^{(22)}m_{202}^{(20)}+m_{110}^{(11)}m_{120}^{(22)}m_{103}^{(00)}+2m_{110}^{(11)}m_{111}^{(00)}m_{103}^{(21)}-2m_{110}^{(11)}m_{111}^{(00)}m_{013}^{(20)}$$
$$+2m_{110}^{(11)}m_{111}^{(10)}m_{202}^{(22)}-2m_{110}^{(11)}m_{111}^{(10)}m_{103}^{(20)}-2m_{110}^{(11)}m_{111}^{(20)}m_{211}^{(22)}-2m_{110}^{(11)}m_{111}^{(20)}m_{202}^{(21)}$$
$$+4m_{110}^{(11)}m_{111}^{(20)}m_{112}^{(20)}-2m_{110}^{(11)}m_{111}^{(20)}m_{103}^{(10)}+2m_{110}^{(11)}m_{111}^{(20)}m_{013}^{(00)}-2m_{110}^{(11)}m_{111}^{(21)}m_{202}^{(20)}$$
$$+2m_{110}^{(11)}m_{111}^{(21)}m_{103}^{(00)}+2m_{110}^{(11)}m_{111}^{(22)}m_{211}^{(20)}+2m_{110}^{(11)}m_{111}^{(22)}m_{202}^{(10)}-4m_{110}^{(11)}m_{111}^{(22)}m_{112}^{(00)}$$
$$+m_{110}^{(11)}m_{102}^{(00)}m_{121}^{(22)}-2m_{110}^{(11)}m_{102}^{(00)}m_{112}^{(21)}+m_{110}^{(11)}m_{102}^{(00)}m_{022}^{(20)}+m_{110}^{(11)}m_{102}^{(10)}m_{211}^{(22)}$$
$$-3m_{110}^{(11)}m_{102}^{(10)}m_{202}^{(21)}+2m_{110}^{(11)}m_{102}^{(10)}m_{112}^{(20)}-2m_{110}^{(11)}m_{102}^{(20)}m_{220}^{(22)}+5m_{110}^{(11)}m_{102}^{(20)}m_{211}^{(21)}$$
$$-4m_{110}^{(11)}m_{102}^{(20)}m_{121}^{(20)}+2m_{110}^{(11)}m_{102}^{(20)}m_{112}^{(10)}-m_{110}^{(11)}m_{102}^{(20)}m_{022}^{(00)}-m_{110}^{(11)}m_{102}^{(21)}m_{211}^{(20)}$$
$$+3m_{110}^{(11)}m_{102}^{(21)}m_{202}^{(10)}-2m_{110}^{(11)}m_{102}^{(21)}m_{112}^{(00)}+2m_{110}^{(11)}m_{102}^{(22)}m_{220}^{(20)}-5m_{110}^{(11)}m_{102}^{(22)}m_{211}^{(10)}$$
$$+3m_{110}^{(11)}m_{102}^{(22)}m_{121}^{(00)}+m_{110}^{(11)}m_{021}^{(00)}m_{202}^{(22)}-m_{110}^{(11)}m_{021}^{(00)}m_{103}^{(20)}-m_{110}^{(11)}m_{021}^{(20)}m_{301}^{(22)}$$
$$+m_{110}^{(11)}m_{021}^{(20)}m_{103}^{(00)}+m_{110}^{(11)}m_{021}^{(22)}m_{301}^{(20)}-m_{110}^{(11)}m_{021}^{(22)}m_{202}^{(00)}-m_{110}^{(11)}m_{012}^{(00)}m_{211}^{(22)}$$
$$-m_{110}^{(11)}m_{012}^{(00)}m_{202}^{(21)}+2m_{110}^{(11)}m_{012}^{(00)}m_{112}^{(20)}-m_{110}^{(11)}m_{012}^{(10)}m_{301}^{(22)}+m_{110}^{(11)}m_{012}^{(10)}m_{202}^{(20)}$$
$$+2m_{110}^{(11)}m_{012}^{(20)}m_{310}^{(22)}+m_{110}^{(11)}m_{012}^{(20)}m_{301}^{(21)}-2m_{110}^{(11)}m_{012}^{(20)}m_{211}^{(20)}+m_{110}^{(11)}m_{012}^{(20)}m_{202}^{(10)}$$
$$-2m_{110}^{(11)}m_{012}^{(20)}m_{112}^{(00)}+m_{110}^{(11)}m_{012}^{(21)}m_{301}^{(20)}-m_{110}^{(11)}m_{012}^{(21)}m_{202}^{(00)}-2m_{110}^{(11)}m_{012}^{(22)}m_{310}^{(20)}$$
$$-m_{110}^{(11)}m_{012}^{(22)}m_{301}^{(10)}+3m_{110}^{(11)}m_{012}^{(22)}m_{211}^{(00)}+m_{110}^{(11)}m_{003}^{(00)}m_{211}^{(21)}-m_{110}^{(11)}m_{003}^{(00)}m_{121}^{(20)}$$
$$+m_{110}^{(11)}m_{003}^{(10)}m_{301}^{(21)}-m_{110}^{(11)}m_{003}^{(10)}m_{211}^{(20)}-2m_{110}^{(11)}m_{003}^{(20)}m_{310}^{(21)}+2m_{110}^{(11)}m_{003}^{(20)}m_{220}^{(20)}$$

$$
\begin{aligned}
&-m_{110}^{(11)}m_{003}^{(20)}m_{211}^{(10)}+m_{110}^{(11)}m_{003}^{(20)}m_{121}^{(00)}-m_{110}^{(11)}m_{003}^{(21)}m_{301}^{(10)}+m_{110}^{(11)}m_{003}^{(21)}m_{211}^{(00)}\\
&+2m_{110}^{(11)}m_{003}^{(22)}m_{310}^{(10)}-2m_{110}^{(11)}m_{003}^{(22)}m_{220}^{(00)}+m_{110}^{(20)}m_{300}^{(11)}m_{022}^{(22)}-m_{110}^{(20)}m_{300}^{(11)}m_{013}^{(21)}\\
&-m_{110}^{(20)}m_{300}^{(21)}m_{031}^{(22)}+m_{110}^{(20)}m_{300}^{(21)}m_{013}^{(11)}+m_{110}^{(20)}m_{300}^{(22)}m_{031}^{(21)}-m_{110}^{(20)}m_{300}^{(22)}m_{022}^{(11)}\\
&+m_{110}^{(20)}m_{210}^{(10)}m_{022}^{(22)}-m_{110}^{(20)}m_{210}^{(10)}m_{004}^{(11)}-2m_{110}^{(20)}m_{210}^{(11)}m_{112}^{(22)}+m_{110}^{(20)}m_{210}^{(11)}m_{103}^{(21)}\\
&+m_{110}^{(20)}m_{210}^{(11)}m_{004}^{(10)}-2m_{110}^{(20)}m_{210}^{(20)}m_{022}^{(21)}+2m_{110}^{(20)}m_{210}^{(20)}m_{013}^{(11)}+m_{110}^{(20)}m_{210}^{(21)}m_{121}^{(22)}\\
&+2m_{110}^{(20)}m_{210}^{(21)}m_{112}^{(21)}-m_{110}^{(20)}m_{210}^{(21)}m_{103}^{(11)}-2m_{110}^{(20)}m_{210}^{(21)}m_{013}^{(10)}-m_{110}^{(20)}m_{210}^{(22)}m_{121}^{(21)}\\
&+m_{110}^{(20)}m_{210}^{(22)}m_{022}^{(10)}-m_{110}^{(20)}m_{201}^{(10)}m_{031}^{(22)}+m_{110}^{(20)}m_{201}^{(10)}m_{013}^{(11)}-m_{110}^{(20)}m_{201}^{(11)}m_{121}^{(22)}\\
&+2m_{110}^{(20)}m_{201}^{(11)}m_{112}^{(21)}-m_{110}^{(20)}m_{201}^{(11)}m_{013}^{(10)}+2m_{110}^{(20)}m_{201}^{(20)}m_{031}^{(21)}-2m_{110}^{(20)}m_{201}^{(20)}m_{022}^{(11)}\\
&+2m_{110}^{(20)}m_{201}^{(21)}m_{130}^{(22)}-2m_{110}^{(20)}m_{201}^{(21)}m_{121}^{(21)}-2m_{110}^{(20)}m_{201}^{(21)}m_{112}^{(11)}+2m_{110}^{(20)}m_{201}^{(21)}m_{022}^{(10)}\\
&-2m_{110}^{(20)}m_{201}^{(22)}m_{130}^{(21)}+3m_{110}^{(20)}m_{201}^{(22)}m_{121}^{(11)}-m_{110}^{(20)}m_{201}^{(22)}m_{031}^{(10)}+m_{110}^{(20)}m_{120}^{(00)}m_{013}^{(21)}\\
&-m_{110}^{(20)}m_{120}^{(00)}m_{004}^{(11)}-2m_{110}^{(20)}m_{120}^{(10)}m_{112}^{(22)}+2m_{110}^{(20)}m_{120}^{(10)}m_{004}^{(10)}+m_{110}^{(20)}m_{120}^{(11)}m_{202}^{(22)}\\
&-m_{110}^{(20)}m_{120}^{(11)}m_{004}^{(00)}+2m_{110}^{(20)}m_{120}^{(20)}m_{112}^{(21)}-2m_{110}^{(20)}m_{120}^{(20)}m_{013}^{(10)}+m_{110}^{(20)}m_{120}^{(21)}m_{211}^{(22)}\\
&-2m_{110}^{(20)}m_{120}^{(21)}m_{202}^{(21)}+m_{110}^{(20)}m_{120}^{(21)}m_{013}^{(00)}-m_{110}^{(20)}m_{120}^{(22)}m_{211}^{(21)}+m_{110}^{(20)}m_{120}^{(22)}m_{202}^{(11)}\\
&-2m_{110}^{(20)}m_{111}^{(00)}m_{022}^{(21)}+2m_{110}^{(20)}m_{111}^{(00)}m_{013}^{(11)}+2m_{110}^{(20)}m_{111}^{(10)}m_{121}^{(22)}+2m_{110}^{(20)}m_{111}^{(10)}m_{103}^{(11)}\\
&-4m_{110}^{(20)}m_{111}^{(10)}m_{013}^{(10)}+2m_{110}^{(20)}m_{111}^{(11)}m_{211}^{(22)}-2m_{110}^{(20)}m_{111}^{(11)}m_{202}^{(21)}-2m_{110}^{(20)}m_{111}^{(11)}m_{103}^{(10)}\\
&+2m_{110}^{(20)}m_{111}^{(11)}m_{013}^{(00)}-4m_{110}^{(20)}m_{111}^{(20)}m_{112}^{(11)}+4m_{110}^{(20)}m_{111}^{(20)}m_{022}^{(10)}-4m_{110}^{(20)}m_{111}^{(21)}m_{220}^{(22)}\\
&+2m_{110}^{(20)}m_{111}^{(21)}m_{202}^{(11)}+4m_{110}^{(20)}m_{111}^{(21)}m_{112}^{(10)}-2m_{110}^{(20)}m_{111}^{(21)}m_{022}^{(00)}+4m_{110}^{(20)}m_{111}^{(22)}m_{220}^{(21)}\\
&-2m_{110}^{(20)}m_{111}^{(22)}m_{211}^{(11)}-2m_{110}^{(20)}m_{111}^{(22)}m_{121}^{(10)}+m_{110}^{(20)}m_{102}^{(00)}m_{031}^{(21)}-m_{110}^{(20)}m_{102}^{(00)}m_{022}^{(11)}\\
&-2m_{110}^{(20)}m_{102}^{(10)}m_{112}^{(11)}+2m_{110}^{(20)}m_{102}^{(10)}m_{022}^{(10)}-m_{110}^{(20)}m_{102}^{(11)}m_{211}^{(21)}+2m_{110}^{(20)}m_{102}^{(11)}m_{112}^{(10)}\\
&-m_{110}^{(20)}m_{102}^{(11)}m_{022}^{(00)}-2m_{110}^{(20)}m_{102}^{(20)}m_{130}^{(21)}+4m_{110}^{(20)}m_{102}^{(20)}m_{121}^{(11)}-2m_{110}^{(20)}m_{102}^{(20)}m_{031}^{(10)}\\
&+2m_{110}^{(20)}m_{102}^{(21)}m_{220}^{(21)}+m_{110}^{(20)}m_{102}^{(21)}m_{211}^{(11)}-4m_{110}^{(20)}m_{102}^{(21)}m_{121}^{(10)}+m_{110}^{(20)}m_{102}^{(21)}m_{031}^{(00)}\\
&-2m_{110}^{(20)}m_{102}^{(22)}m_{220}^{(11)}+2m_{110}^{(20)}m_{102}^{(22)}m_{130}^{(10)}-m_{110}^{(20)}m_{030}^{(00)}m_{103}^{(21)}+m_{110}^{(20)}m_{030}^{(00)}m_{004}^{(10)}\\
&+m_{110}^{(20)}m_{030}^{(10)}m_{202}^{(22)}-m_{110}^{(20)}m_{030}^{(10)}m_{004}^{(00)}-m_{110}^{(20)}m_{030}^{(21)}m_{301}^{(22)}+m_{110}^{(20)}m_{030}^{(21)}m_{103}^{(00)}\\
&+m_{110}^{(20)}m_{030}^{(22)}m_{301}^{(21)}-m_{110}^{(20)}m_{030}^{(22)}m_{202}^{(10)}+2m_{110}^{(20)}m_{021}^{(00)}m_{112}^{(21)}+m_{110}^{(20)}m_{021}^{(00)}m_{103}^{(11)}\\
&-3m_{110}^{(20)}m_{021}^{(00)}m_{013}^{(10)}-m_{110}^{(20)}m_{021}^{(10)}m_{211}^{(22)}-2m_{110}^{(20)}m_{021}^{(10)}m_{103}^{(10)}+3m_{110}^{(20)}m_{021}^{(10)}m_{013}^{(00)}\\
&-m_{110}^{(20)}m_{021}^{(11)}m_{301}^{(22)}+m_{110}^{(20)}m_{021}^{(11)}m_{103}^{(00)}-2m_{110}^{(20)}m_{021}^{(20)}m_{211}^{(21)}+2m_{110}^{(20)}m_{021}^{(20)}m_{112}^{(10)}\\
&+2m_{110}^{(20)}m_{021}^{(21)}m_{310}^{(22)}+2m_{110}^{(20)}m_{021}^{(21)}m_{301}^{(21)}-4m_{110}^{(20)}m_{021}^{(21)}m_{112}^{(00)}-2m_{110}^{(20)}m_{021}^{(22)}m_{310}^{(21)}\\
&-m_{110}^{(20)}m_{021}^{(22)}m_{301}^{(11)}+3m_{110}^{(20)}m_{021}^{(22)}m_{211}^{(10)}-m_{110}^{(20)}m_{012}^{(00)}m_{121}^{(21)}-2m_{110}^{(20)}m_{012}^{(00)}m_{112}^{(11)}\\
&+3m_{110}^{(20)}m_{012}^{(00)}m_{022}^{(10)}-m_{110}^{(20)}m_{012}^{(10)}m_{202}^{(11)}+4m_{110}^{(20)}m_{012}^{(10)}m_{112}^{(10)}-3m_{110}^{(20)}m_{012}^{(10)}m_{022}^{(00)}\\
&+m_{110}^{(20)}m_{012}^{(11)}m_{301}^{(21)}+m_{110}^{(20)}m_{012}^{(11)}m_{202}^{(10)}-2m_{110}^{(20)}m_{012}^{(11)}m_{112}^{(00)}+2m_{110}^{(20)}m_{012}^{(20)}m_{220}^{(21)}\\
&+2m_{110}^{(20)}m_{012}^{(20)}m_{211}^{(11)}-4m_{110}^{(20)}m_{012}^{(20)}m_{121}^{(10)}-2m_{110}^{(20)}m_{012}^{(21)}m_{310}^{(21)}-m_{110}^{(20)}m_{012}^{(21)}m_{301}^{(11)}\\
&-2m_{110}^{(20)}m_{012}^{(21)}m_{211}^{(10)}+5m_{110}^{(20)}m_{012}^{(21)}m_{121}^{(00)}+2m_{110}^{(20)}m_{012}^{(22)}m_{310}^{(11)}-2m_{110}^{(20)}m_{012}^{(22)}m_{220}^{(10)}\\
&+m_{110}^{(20)}m_{003}^{(00)}m_{121}^{(11)}-m_{110}^{(20)}m_{003}^{(00)}m_{031}^{(10)}+m_{110}^{(20)}m_{003}^{(10)}m_{211}^{(11)}-2m_{110}^{(20)}m_{003}^{(10)}m_{121}^{(10)}\\
&+m_{110}^{(20)}m_{003}^{(10)}m_{031}^{(00)}-m_{110}^{(20)}m_{003}^{(11)}m_{211}^{(10)}+m_{110}^{(20)}m_{003}^{(11)}m_{121}^{(00)}-2m_{110}^{(20)}m_{003}^{(20)}m_{220}^{(11)}\\
&+2m_{110}^{(20)}m_{003}^{(20)}m_{130}^{(10)}+2m_{110}^{(20)}m_{003}^{(21)}m_{220}^{(10)}-2m_{110}^{(20)}m_{003}^{(21)}m_{130}^{(00)}-m_{110}^{(21)}m_{300}^{(10)}m_{022}^{(22)}\\
&+m_{110}^{(21)}m_{300}^{(10)}m_{004}^{(11)}+m_{110}^{(21)}m_{300}^{(11)}m_{013}^{(20)}-m_{110}^{(21)}m_{300}^{(11)}m_{004}^{(10)}+m_{110}^{(21)}m_{300}^{(20)}m_{031}^{(22)}\\
&-m_{110}^{(21)}m_{300}^{(20)}m_{013}^{(11)}-m_{110}^{(21)}m_{300}^{(22)}m_{031}^{(20)}+m_{110}^{(21)}m_{300}^{(22)}m_{022}^{(10)}-m_{110}^{(21)}m_{210}^{(00)}m_{022}^{(22)}\\
&+m_{110}^{(21)}m_{210}^{(00)}m_{004}^{(11)}+2m_{110}^{(21)}m_{210}^{(10)}m_{112}^{(22)}-2m_{110}^{(21)}m_{210}^{(10)}m_{004}^{(10)}-m_{110}^{(21)}m_{210}^{(11)}m_{103}^{(20)}
\end{aligned}
$$

$$
\begin{aligned}
&+m_{110}^{(21)}m_{210}^{(11)}m_{004}^{(00)} - m_{110}^{(21)}m_{210}^{(20)}m_{121}^{(22)} - m_{110}^{(21)}m_{210}^{(20)}m_{103}^{(11)} + 2m_{110}^{(21)}m_{210}^{(20)}m_{022}^{(20)}\\
&-2m_{110}^{(21)}m_{210}^{(21)}m_{112}^{(20)} + 2m_{110}^{(21)}m_{210}^{(21)}m_{103}^{(10)} + m_{110}^{(21)}m_{210}^{(22)}m_{121}^{(20)} - m_{110}^{(21)}m_{210}^{(22)}m_{022}^{(00)}\\
&+m_{110}^{(21)}m_{201}^{(00)}m_{031}^{(22)} - m_{110}^{(21)}m_{201}^{(00)}m_{013}^{(11)} + m_{110}^{(21)}m_{201}^{(10)}m_{121}^{(22)} - 3m_{110}^{(21)}m_{201}^{(10)}m_{103}^{(11)}\\
&+2m_{110}^{(21)}m_{201}^{(10)}m_{013}^{(10)} - 2m_{110}^{(21)}m_{201}^{(11)}m_{112}^{(20)} + 3m_{110}^{(21)}m_{201}^{(11)}m_{103}^{(10)} - m_{110}^{(21)}m_{201}^{(11)}m_{013}^{(00)}\\
&-2m_{110}^{(21)}m_{201}^{(20)}m_{130}^{(22)} + 4m_{110}^{(21)}m_{201}^{(20)}m_{112}^{(11)} - 2m_{110}^{(21)}m_{201}^{(20)}m_{031}^{(20)} + 2m_{110}^{(21)}m_{201}^{(21)}m_{121}^{(20)}\\
&-2m_{110}^{(21)}m_{201}^{(21)}m_{112}^{(10)} + 2m_{110}^{(21)}m_{201}^{(22)}m_{130}^{(20)} - 3m_{110}^{(21)}m_{201}^{(22)}m_{121}^{(10)} + m_{110}^{(21)}m_{201}^{(22)}m_{031}^{(00)}\\
&+2m_{110}^{(21)}m_{120}^{(00)}m_{112}^{(22)} - m_{110}^{(21)}m_{120}^{(00)}m_{013}^{(20)} - m_{110}^{(21)}m_{120}^{(00)}m_{004}^{(10)} - m_{110}^{(21)}m_{120}^{(10)}m_{202}^{(22)}\\
&+m_{110}^{(21)}m_{120}^{(10)}m_{004}^{(00)} - m_{110}^{(21)}m_{120}^{(20)}m_{211}^{(22)} - 2m_{110}^{(21)}m_{120}^{(20)}m_{112}^{(20)} + 2m_{110}^{(21)}m_{120}^{(20)}m_{103}^{(10)}\\
&+m_{110}^{(21)}m_{120}^{(20)}m_{013}^{(00)} + 2m_{110}^{(21)}m_{120}^{(21)}m_{202}^{(20)} - 2m_{110}^{(21)}m_{120}^{(21)}m_{103}^{(00)} + m_{110}^{(21)}m_{120}^{(22)}m_{211}^{(20)}\\
&-m_{110}^{(21)}m_{120}^{(22)}m_{202}^{(10)} - 2m_{110}^{(21)}m_{111}^{(00)}m_{121}^{(22)} - 2m_{110}^{(21)}m_{111}^{(00)}m_{103}^{(11)} + 2m_{110}^{(21)}m_{111}^{(00)}m_{022}^{(20)}\\
&+2m_{110}^{(21)}m_{111}^{(00)}m_{013}^{(10)} - 2m_{110}^{(21)}m_{111}^{(10)}m_{211}^{(22)} + 4m_{110}^{(21)}m_{111}^{(10)}m_{103}^{(10)} - 2m_{110}^{(21)}m_{111}^{(10)}m_{013}^{(00)}\\
&+2m_{110}^{(21)}m_{111}^{(11)}m_{202}^{(20)} - 2m_{110}^{(21)}m_{111}^{(11)}m_{103}^{(00)} + 4m_{110}^{(21)}m_{111}^{(20)}m_{220}^{(22)} + 2m_{110}^{(21)}m_{111}^{(20)}m_{202}^{(11)}\\
&-4m_{110}^{(21)}m_{111}^{(20)}m_{112}^{(10)} - 2m_{110}^{(21)}m_{111}^{(20)}m_{022}^{(00)} - 4m_{110}^{(21)}m_{111}^{(21)}m_{202}^{(10)} + 4m_{110}^{(21)}m_{111}^{(21)}m_{112}^{(00)}\\
&-4m_{110}^{(21)}m_{111}^{(22)}m_{220}^{(20)} + 2m_{110}^{(21)}m_{111}^{(22)}m_{211}^{(10)} + 2m_{110}^{(21)}m_{111}^{(22)}m_{121}^{(00)} + 2m_{110}^{(21)}m_{102}^{(00)}m_{112}^{(11)}\\
&-m_{110}^{(21)}m_{102}^{(00)}m_{031}^{(20)} - m_{110}^{(21)}m_{102}^{(00)}m_{022}^{(10)} + 3m_{110}^{(21)}m_{102}^{(10)}m_{202}^{(11)} - 4m_{110}^{(21)}m_{102}^{(10)}m_{112}^{(10)}\\
&+m_{110}^{(21)}m_{102}^{(10)}m_{022}^{(00)} + m_{110}^{(21)}m_{102}^{(11)}m_{211}^{(20)} - 3m_{110}^{(21)}m_{102}^{(11)}m_{202}^{(10)} + 2m_{110}^{(21)}m_{102}^{(11)}m_{112}^{(00)}\\
&-5m_{110}^{(21)}m_{102}^{(20)}m_{211}^{(11)} + 2m_{110}^{(21)}m_{102}^{(20)}m_{130}^{(20)} + 2m_{110}^{(21)}m_{102}^{(20)}m_{121}^{(10)} + m_{110}^{(21)}m_{102}^{(20)}m_{031}^{(00)}\\
&-2m_{110}^{(21)}m_{102}^{(21)}m_{220}^{(20)} + 4m_{110}^{(21)}m_{102}^{(21)}m_{211}^{(10)} - 2m_{110}^{(21)}m_{102}^{(21)}m_{121}^{(00)} + 2m_{110}^{(21)}m_{102}^{(22)}m_{220}^{(10)}\\
&-2m_{110}^{(21)}m_{102}^{(22)}m_{130}^{(00)} - m_{110}^{(21)}m_{030}^{(00)}m_{202}^{(22)} + m_{110}^{(21)}m_{030}^{(00)}m_{103}^{(20)} + m_{110}^{(21)}m_{030}^{(20)}m_{301}^{(22)}\\
&-m_{110}^{(21)}m_{030}^{(20)}m_{103}^{(00)} - m_{110}^{(21)}m_{030}^{(22)}m_{301}^{(20)} + m_{110}^{(21)}m_{030}^{(22)}m_{202}^{(00)} + m_{110}^{(21)}m_{021}^{(00)}m_{211}^{(22)}\\
&-2m_{110}^{(21)}m_{021}^{(00)}m_{112}^{(20)} + m_{110}^{(21)}m_{021}^{(00)}m_{103}^{(10)} + m_{110}^{(21)}m_{021}^{(10)}m_{301}^{(22)} - m_{110}^{(21)}m_{021}^{(10)}m_{103}^{(00)}\\
&-2m_{110}^{(21)}m_{021}^{(20)}m_{310}^{(22)} + 2m_{110}^{(21)}m_{021}^{(20)}m_{211}^{(20)} - 2m_{110}^{(21)}m_{021}^{(20)}m_{202}^{(10)} + 2m_{110}^{(21)}m_{021}^{(20)}m_{112}^{(00)}\\
&-2m_{110}^{(21)}m_{021}^{(21)}m_{301}^{(20)} + 2m_{110}^{(21)}m_{021}^{(21)}m_{202}^{(00)} + 2m_{110}^{(21)}m_{021}^{(22)}m_{310}^{(20)} + m_{110}^{(21)}m_{021}^{(22)}m_{301}^{(10)}\\
&-3m_{110}^{(21)}m_{021}^{(22)}m_{211}^{(00)} + m_{110}^{(21)}m_{012}^{(00)}m_{202}^{(11)} + m_{110}^{(21)}m_{012}^{(00)}m_{121}^{(20)} - 2m_{110}^{(21)}m_{012}^{(00)}m_{112}^{(10)}\\
&-2m_{110}^{(21)}m_{012}^{(10)}m_{202}^{(10)} + 2m_{110}^{(21)}m_{012}^{(10)}m_{112}^{(00)} - m_{110}^{(21)}m_{012}^{(11)}m_{301}^{(20)} + m_{110}^{(21)}m_{012}^{(11)}m_{202}^{(00)}\\
&-m_{110}^{(21)}m_{012}^{(20)}m_{301}^{(11)} - 2m_{110}^{(21)}m_{012}^{(20)}m_{220}^{(20)} + 4m_{110}^{(21)}m_{012}^{(20)}m_{211}^{(10)} - m_{110}^{(21)}m_{012}^{(20)}m_{121}^{(00)}\\
&+2m_{110}^{(21)}m_{012}^{(21)}m_{310}^{(20)} + 2m_{110}^{(21)}m_{012}^{(21)}m_{301}^{(10)} - 4m_{110}^{(21)}m_{012}^{(21)}m_{211}^{(00)} - 2m_{110}^{(21)}m_{012}^{(22)}m_{310}^{(10)}\\
&+2m_{110}^{(21)}m_{012}^{(22)}m_{220}^{(00)} - m_{110}^{(21)}m_{003}^{(00)}m_{211}^{(11)} + m_{110}^{(21)}m_{003}^{(00)}m_{121}^{(10)} - m_{110}^{(21)}m_{003}^{(10)}m_{301}^{(11)}\\
&+2m_{110}^{(21)}m_{003}^{(10)}m_{211}^{(10)} - m_{110}^{(21)}m_{003}^{(10)}m_{121}^{(00)} + m_{110}^{(21)}m_{003}^{(11)}m_{301}^{(10)} - m_{110}^{(21)}m_{003}^{(11)}m_{211}^{(00)}\\
&+2m_{110}^{(21)}m_{003}^{(20)}m_{310}^{(11)} - 2m_{110}^{(21)}m_{003}^{(20)}m_{220}^{(10)} - 2m_{110}^{(21)}m_{003}^{(21)}m_{310}^{(10)} + 2m_{110}^{(21)}m_{003}^{(21)}m_{220}^{(00)}\\
&+m_{110}^{(22)}m_{300}^{(10)}m_{022}^{(21)} - m_{110}^{(22)}m_{300}^{(10)}m_{013}^{(11)} - m_{110}^{(22)}m_{300}^{(11)}m_{022}^{(20)} + m_{110}^{(22)}m_{300}^{(11)}m_{013}^{(10)}\\
&-m_{110}^{(22)}m_{300}^{(20)}m_{031}^{(21)} + m_{110}^{(22)}m_{300}^{(20)}m_{022}^{(11)} + m_{110}^{(22)}m_{300}^{(21)}m_{031}^{(20)} - m_{110}^{(22)}m_{300}^{(21)}m_{022}^{(10)}\\
&+m_{110}^{(22)}m_{210}^{(00)}m_{022}^{(21)} - m_{110}^{(22)}m_{210}^{(00)}m_{013}^{(11)} - 2m_{110}^{(22)}m_{210}^{(10)}m_{112}^{(21)} + m_{110}^{(22)}m_{210}^{(10)}m_{103}^{(11)}\\
&-m_{110}^{(22)}m_{210}^{(10)}m_{022}^{(20)} + 2m_{110}^{(22)}m_{210}^{(10)}m_{013}^{(10)} + 2m_{110}^{(22)}m_{210}^{(11)}m_{112}^{(20)} - m_{110}^{(22)}m_{210}^{(11)}m_{103}^{(10)}\\
&-m_{110}^{(22)}m_{210}^{(11)}m_{013}^{(00)} + m_{110}^{(22)}m_{210}^{(20)}m_{121}^{(21)} - m_{110}^{(22)}m_{210}^{(20)}m_{022}^{(10)} - m_{110}^{(22)}m_{210}^{(21)}m_{121}^{(20)}\\
&+m_{110}^{(22)}m_{210}^{(21)}m_{022}^{(00)} - m_{110}^{(22)}m_{201}^{(00)}m_{031}^{(21)} + m_{110}^{(22)}m_{201}^{(00)}m_{022}^{(11)} - m_{110}^{(22)}m_{201}^{(10)}m_{121}^{(21)}\\
&+2m_{110}^{(22)}m_{201}^{(10)}m_{112}^{(11)} + m_{110}^{(22)}m_{201}^{(10)}m_{031}^{(20)} - 2m_{110}^{(22)}m_{201}^{(10)}m_{022}^{(10)} + m_{110}^{(22)}m_{201}^{(11)}m_{121}^{(20)}\\
&-2m_{110}^{(22)}m_{201}^{(11)}m_{112}^{(10)} + m_{110}^{(22)}m_{201}^{(11)}m_{022}^{(00)} + 2m_{110}^{(22)}m_{201}^{(20)}m_{130}^{(21)} - 3m_{110}^{(22)}m_{201}^{(20)}m_{121}^{(11)}
\end{aligned}
$$

$$+m_{110}^{(22)}m_{201}^{(20)}m_{031}^{(10)} - 2m_{110}^{(22)}m_{201}^{(21)}m_{130}^{(20)} + 3m_{110}^{(22)}m_{201}^{(21)}m_{121}^{(10)} - m_{110}^{(22)}m_{201}^{(21)}m_{031}^{(00)}$$
$$-2m_{110}^{(22)}m_{120}^{(00)}m_{112}^{(21)} + m_{110}^{(22)}m_{120}^{(00)}m_{103}^{(11)} + m_{110}^{(22)}m_{120}^{(00)}m_{013}^{(10)} + m_{110}^{(22)}m_{120}^{(10)}m_{202}^{(21)}$$
$$+2m_{110}^{(22)}m_{120}^{(10)}m_{112}^{(20)} - 2m_{110}^{(22)}m_{120}^{(10)}m_{103}^{(10)} - m_{110}^{(22)}m_{120}^{(10)}m_{013}^{(00)} - m_{110}^{(22)}m_{120}^{(11)}m_{202}^{(20)}$$
$$+m_{110}^{(22)}m_{120}^{(11)}m_{103}^{(00)} + m_{110}^{(22)}m_{120}^{(20)}m_{211}^{(21)} - m_{110}^{(22)}m_{120}^{(20)}m_{202}^{(11)} - m_{110}^{(22)}m_{120}^{(21)}m_{211}^{(20)}$$
$$+m_{110}^{(22)}m_{120}^{(21)}m_{202}^{(10)} + 2m_{110}^{(22)}m_{111}^{(00)}m_{121}^{(21)} - 2m_{110}^{(22)}m_{111}^{(00)}m_{022}^{(10)} + 2m_{110}^{(22)}m_{111}^{(10)}m_{211}^{(21)}$$
$$-2m_{110}^{(22)}m_{111}^{(10)}m_{202}^{(11)} - 2m_{110}^{(22)}m_{111}^{(10)}m_{121}^{(20)} + 2m_{110}^{(22)}m_{111}^{(10)}m_{022}^{(00)} - 2m_{110}^{(22)}m_{111}^{(11)}m_{211}^{(20)}$$
$$+2m_{110}^{(22)}m_{111}^{(11)}m_{202}^{(10)} - 4m_{110}^{(22)}m_{111}^{(20)}m_{220}^{(21)} + 2m_{110}^{(22)}m_{111}^{(20)}m_{211}^{(11)} + 2m_{110}^{(22)}m_{111}^{(20)}m_{121}^{(10)}$$
$$+4m_{110}^{(22)}m_{111}^{(21)}m_{220}^{(20)} - 2m_{110}^{(22)}m_{111}^{(21)}m_{211}^{(10)} - 2m_{110}^{(22)}m_{111}^{(21)}m_{121}^{(00)} - m_{110}^{(22)}m_{102}^{(00)}m_{121}^{(11)}$$
$$+m_{110}^{(22)}m_{102}^{(00)}m_{031}^{(10)} - m_{110}^{(22)}m_{102}^{(10)}m_{211}^{(11)} + 2m_{110}^{(22)}m_{102}^{(10)}m_{121}^{(10)} - m_{110}^{(22)}m_{102}^{(10)}m_{031}^{(00)}$$
$$+m_{110}^{(22)}m_{102}^{(11)}m_{211}^{(10)} - m_{110}^{(22)}m_{102}^{(11)}m_{121}^{(00)} + 2m_{110}^{(22)}m_{102}^{(20)}m_{220}^{(11)} - 2m_{110}^{(22)}m_{102}^{(20)}m_{130}^{(10)}$$
$$-2m_{110}^{(22)}m_{102}^{(21)}m_{220}^{(10)} + 2m_{110}^{(22)}m_{102}^{(21)}m_{130}^{(00)} + m_{110}^{(22)}m_{030}^{(00)}m_{202}^{(21)} - m_{110}^{(22)}m_{030}^{(00)}m_{103}^{(10)}$$
$$-m_{110}^{(22)}m_{030}^{(10)}m_{202}^{(20)} + m_{110}^{(22)}m_{030}^{(10)}m_{103}^{(00)} - m_{110}^{(22)}m_{030}^{(20)}m_{301}^{(21)} + m_{110}^{(22)}m_{030}^{(20)}m_{202}^{(10)}$$
$$+m_{110}^{(22)}m_{030}^{(21)}m_{301}^{(20)} - m_{110}^{(22)}m_{030}^{(21)}m_{202}^{(00)} - m_{110}^{(22)}m_{021}^{(00)}m_{211}^{(21)} - m_{110}^{(22)}m_{021}^{(00)}m_{202}^{(11)}$$
$$+2m_{110}^{(22)}m_{021}^{(00)}m_{112}^{(10)} - m_{110}^{(22)}m_{021}^{(10)}m_{301}^{(21)} + m_{110}^{(22)}m_{021}^{(10)}m_{211}^{(20)} + 2m_{110}^{(22)}m_{021}^{(10)}m_{202}^{(10)}$$
$$-2m_{110}^{(22)}m_{021}^{(10)}m_{112}^{(00)} + m_{110}^{(22)}m_{021}^{(11)}m_{301}^{(20)} - m_{110}^{(22)}m_{021}^{(11)}m_{202}^{(00)} + 2m_{110}^{(22)}m_{021}^{(20)}m_{310}^{(21)}$$
$$+m_{110}^{(22)}m_{021}^{(20)}m_{301}^{(11)} - 3m_{110}^{(22)}m_{021}^{(20)}m_{211}^{(10)} - 2m_{110}^{(22)}m_{021}^{(21)}m_{310}^{(20)} - m_{110}^{(22)}m_{021}^{(21)}m_{301}^{(10)}$$
$$+3m_{110}^{(22)}m_{021}^{(21)}m_{211}^{(00)} + m_{110}^{(22)}m_{012}^{(00)}m_{211}^{(11)} - m_{110}^{(22)}m_{012}^{(00)}m_{121}^{(10)} + m_{110}^{(22)}m_{012}^{(10)}m_{301}^{(11)}$$
$$-2m_{110}^{(22)}m_{012}^{(10)}m_{211}^{(10)} + m_{110}^{(22)}m_{012}^{(10)}m_{121}^{(00)} - m_{110}^{(22)}m_{012}^{(11)}m_{301}^{(10)} + m_{110}^{(22)}m_{012}^{(11)}m_{211}^{(00)}$$
$$-2m_{110}^{(22)}m_{012}^{(20)}m_{310}^{(11)} + 2m_{110}^{(22)}m_{012}^{(20)}m_{220}^{(10)} + 2m_{110}^{(22)}m_{012}^{(21)}m_{310}^{(10)} - 2m_{110}^{(22)}m_{012}^{(21)}m_{220}^{(00)}$$
$$-m_{101}^{(00)}m_{210}^{(11)}m_{022}^{(22)} + m_{101}^{(00)}m_{210}^{(11)}m_{013}^{(21)} + m_{101}^{(00)}m_{210}^{(21)}m_{031}^{(22)} - m_{101}^{(00)}m_{210}^{(21)}m_{013}^{(11)}$$
$$-m_{101}^{(00)}m_{210}^{(22)}m_{031}^{(21)} + m_{101}^{(00)}m_{210}^{(22)}m_{022}^{(11)} + m_{101}^{(00)}m_{201}^{(11)}m_{031}^{(22)} - m_{101}^{(00)}m_{201}^{(11)}m_{022}^{(21)}$$
$$-m_{101}^{(00)}m_{201}^{(21)}m_{040}^{(22)} + m_{101}^{(00)}m_{201}^{(21)}m_{022}^{(11)} + m_{101}^{(00)}m_{201}^{(22)}m_{040}^{(21)} - m_{101}^{(00)}m_{201}^{(22)}m_{031}^{(11)}$$
$$-m_{101}^{(00)}m_{120}^{(10)}m_{022}^{(22)} + m_{101}^{(00)}m_{120}^{(10)}m_{013}^{(21)} + 3m_{101}^{(00)}m_{120}^{(11)}m_{112}^{(22)} - 2m_{101}^{(00)}m_{120}^{(11)}m_{103}^{(21)}$$
$$-m_{101}^{(00)}m_{120}^{(11)}m_{013}^{(20)} + m_{101}^{(00)}m_{120}^{(20)}m_{022}^{(21)} - m_{101}^{(00)}m_{120}^{(20)}m_{013}^{(11)} - 2m_{101}^{(00)}m_{120}^{(21)}m_{121}^{(22)}$$
$$-2m_{101}^{(00)}m_{120}^{(21)}m_{112}^{(21)} + 2m_{101}^{(00)}m_{120}^{(21)}m_{103}^{(11)} + m_{101}^{(00)}m_{120}^{(21)}m_{022}^{(20)} + m_{101}^{(00)}m_{120}^{(21)}m_{013}^{(10)}$$
$$+2m_{101}^{(00)}m_{120}^{(22)}m_{121}^{(21)} - m_{101}^{(00)}m_{120}^{(22)}m_{112}^{(11)} - m_{101}^{(00)}m_{120}^{(22)}m_{022}^{(10)} + 2m_{101}^{(00)}m_{111}^{(10)}m_{031}^{(22)}$$
$$-2m_{101}^{(00)}m_{111}^{(10)}m_{022}^{(21)} - 4m_{101}^{(00)}m_{111}^{(11)}m_{121}^{(22)} + 2m_{101}^{(00)}m_{111}^{(11)}m_{112}^{(21)} + 2m_{101}^{(00)}m_{111}^{(11)}m_{022}^{(20)}$$
$$-2m_{101}^{(00)}m_{111}^{(20)}m_{031}^{(21)} + 2m_{101}^{(00)}m_{111}^{(20)}m_{022}^{(11)} + 2m_{101}^{(00)}m_{111}^{(21)}m_{130}^{(22)} + 4m_{101}^{(00)}m_{111}^{(21)}m_{121}^{(21)}$$
$$-2m_{101}^{(00)}m_{111}^{(21)}m_{112}^{(11)} - 2m_{101}^{(00)}m_{111}^{(21)}m_{031}^{(20)} - 2m_{101}^{(00)}m_{111}^{(21)}m_{022}^{(10)} - 2m_{101}^{(00)}m_{111}^{(22)}m_{130}^{(21)}$$
$$+2m_{101}^{(00)}m_{111}^{(22)}m_{031}^{(10)} - m_{101}^{(00)}m_{102}^{(10)}m_{040}^{(22)} + m_{101}^{(00)}m_{102}^{(10)}m_{031}^{(21)} + m_{101}^{(00)}m_{102}^{(11)}m_{130}^{(22)}$$
$$-m_{101}^{(00)}m_{102}^{(11)}m_{031}^{(20)} + m_{101}^{(00)}m_{102}^{(20)}m_{040}^{(21)} - m_{101}^{(00)}m_{102}^{(20)}m_{031}^{(11)} - 2m_{101}^{(00)}m_{102}^{(21)}m_{130}^{(21)}$$
$$+m_{101}^{(00)}m_{102}^{(21)}m_{040}^{(20)} + m_{101}^{(00)}m_{102}^{(21)}m_{031}^{(10)} + m_{101}^{(00)}m_{102}^{(22)}m_{130}^{(11)} - m_{101}^{(00)}m_{102}^{(22)}m_{040}^{(10)}$$
$$+m_{101}^{(00)}m_{030}^{(10)}m_{112}^{(22)} - m_{101}^{(00)}m_{030}^{(10)}m_{013}^{(20)} - 2m_{101}^{(00)}m_{030}^{(11)}m_{202}^{(22)} + 2m_{101}^{(00)}m_{030}^{(11)}m_{103}^{(20)}$$
$$-m_{101}^{(00)}m_{030}^{(20)}m_{112}^{(21)} + m_{101}^{(00)}m_{030}^{(20)}m_{013}^{(10)} + m_{101}^{(00)}m_{030}^{(21)}m_{211}^{(22)} + 2m_{101}^{(00)}m_{030}^{(21)}m_{202}^{(21)}$$
$$-m_{101}^{(00)}m_{030}^{(21)}m_{112}^{(20)} - 2m_{101}^{(00)}m_{030}^{(21)}m_{103}^{(10)} - m_{101}^{(00)}m_{030}^{(22)}m_{211}^{(21)} + m_{101}^{(00)}m_{030}^{(22)}m_{112}^{(10)}$$
$$-2m_{101}^{(00)}m_{021}^{(10)}m_{121}^{(22)} - m_{101}^{(00)}m_{021}^{(10)}m_{112}^{(21)} + 3m_{101}^{(00)}m_{021}^{(10)}m_{022}^{(20)} + 3m_{101}^{(00)}m_{021}^{(11)}m_{211}^{(22)}$$
$$+2m_{101}^{(00)}m_{021}^{(11)}m_{202}^{(21)} - 5m_{101}^{(00)}m_{021}^{(11)}m_{112}^{(20)} + 2m_{101}^{(00)}m_{021}^{(20)}m_{121}^{(21)} + m_{101}^{(00)}m_{021}^{(20)}m_{112}^{(11)}$$
$$-3m_{101}^{(00)}m_{021}^{(20)}m_{022}^{(10)} - m_{101}^{(00)}m_{021}^{(21)}m_{220}^{(22)} - 4m_{101}^{(00)}m_{021}^{(21)}m_{211}^{(21)} - 2m_{101}^{(00)}m_{021}^{(21)}m_{202}^{(11)}$$

$$
\begin{aligned}
&+2m_{101}^{(00)}m_{021}^{(21)}m_{121}^{(20)}+5m_{101}^{(00)}m_{021}^{(21)}m_{112}^{(10)}+m_{101}^{(00)}m_{021}^{(22)}m_{220}^{(21)}+m_{101}^{(00)}m_{021}^{(22)}m_{211}^{(11)}\\
&-2m_{101}^{(00)}m_{021}^{(22)}m_{121}^{(10)}+m_{101}^{(00)}m_{012}^{(10)}m_{130}^{(22)}+2m_{101}^{(00)}m_{012}^{(10)}m_{121}^{(21)}-3m_{101}^{(00)}m_{012}^{(10)}m_{031}^{(20)}\\
&-m_{101}^{(00)}m_{012}^{(11)}m_{220}^{(22)}-3m_{101}^{(00)}m_{012}^{(11)}m_{211}^{(21)}+4m_{101}^{(00)}m_{012}^{(11)}m_{121}^{(20)}-m_{101}^{(00)}m_{012}^{(20)}m_{130}^{(21)}\\
&-2m_{101}^{(00)}m_{012}^{(20)}m_{121}^{(11)}+3m_{101}^{(00)}m_{012}^{(20)}m_{031}^{(10)}+2m_{101}^{(00)}m_{012}^{(21)}m_{220}^{(21)}+3m_{101}^{(00)}m_{012}^{(21)}m_{211}^{(11)}\\
&-m_{101}^{(00)}m_{012}^{(21)}m_{130}^{(20)}-4m_{101}^{(00)}m_{012}^{(21)}m_{121}^{(10)}-m_{101}^{(00)}m_{012}^{(22)}m_{220}^{(11)}+m_{101}^{(00)}m_{012}^{(22)}m_{130}^{(10)}\\
&-m_{101}^{(00)}m_{003}^{(10)}m_{130}^{(21)}+m_{101}^{(00)}m_{003}^{(10)}m_{040}^{(20)}+m_{101}^{(00)}m_{003}^{(11)}m_{220}^{(21)}-m_{101}^{(00)}m_{003}^{(11)}m_{130}^{(20)}\\
&+m_{101}^{(00)}m_{003}^{(20)}m_{130}^{(11)}-m_{101}^{(00)}m_{003}^{(20)}m_{040}^{(10)}-m_{101}^{(00)}m_{003}^{(21)}m_{220}^{(11)}+m_{101}^{(00)}m_{003}^{(21)}m_{130}^{(10)}\\
&+m_{101}^{(10)}m_{300}^{(11)}m_{022}^{(22)}-m_{101}^{(10)}m_{300}^{(11)}m_{013}^{(21)}-m_{101}^{(10)}m_{300}^{(21)}m_{031}^{(22)}+m_{101}^{(10)}m_{300}^{(21)}m_{013}^{(11)}\\
&+m_{101}^{(10)}m_{300}^{(22)}m_{031}^{(21)}-m_{101}^{(10)}m_{300}^{(22)}m_{022}^{(11)}+2m_{101}^{(10)}m_{210}^{(10)}m_{022}^{(22)}-2m_{101}^{(10)}m_{210}^{(10)}m_{013}^{(21)}\\
&-3m_{101}^{(10)}m_{210}^{(11)}m_{112}^{(22)}+2m_{101}^{(10)}m_{210}^{(11)}m_{103}^{(21)}+m_{101}^{(10)}m_{210}^{(11)}m_{013}^{(20)}-m_{101}^{(10)}m_{210}^{(20)}m_{031}^{(22)}\\
&+m_{101}^{(10)}m_{210}^{(20)}m_{013}^{(11)}+2m_{101}^{(10)}m_{210}^{(21)}m_{121}^{(22)}+2m_{101}^{(10)}m_{210}^{(21)}m_{112}^{(21)}-2m_{101}^{(10)}m_{210}^{(21)}m_{103}^{(11)}\\
&-2m_{101}^{(10)}m_{210}^{(21)}m_{022}^{(20)}-2m_{101}^{(10)}m_{210}^{(22)}m_{121}^{(21)}+m_{101}^{(10)}m_{210}^{(22)}m_{112}^{(11)}+m_{101}^{(10)}m_{210}^{(22)}m_{031}^{(20)}\\
&-2m_{101}^{(10)}m_{201}^{(10)}m_{031}^{(22)}+2m_{101}^{(10)}m_{201}^{(10)}m_{022}^{(21)}+m_{101}^{(10)}m_{201}^{(11)}m_{112}^{(21)}-m_{101}^{(10)}m_{201}^{(11)}m_{022}^{(20)}\\
&+m_{101}^{(10)}m_{201}^{(20)}m_{040}^{(22)}-m_{101}^{(10)}m_{201}^{(20)}m_{022}^{(11)}+m_{101}^{(10)}m_{201}^{(21)}m_{130}^{(22)}-2m_{101}^{(10)}m_{201}^{(21)}m_{121}^{(21)}\\
&-m_{101}^{(10)}m_{201}^{(21)}m_{112}^{(11)}+2m_{101}^{(10)}m_{201}^{(21)}m_{031}^{(20)}-m_{101}^{(10)}m_{201}^{(22)}m_{130}^{(21)}+2m_{101}^{(10)}m_{201}^{(22)}m_{121}^{(11)}\\
&-m_{101}^{(10)}m_{201}^{(22)}m_{040}^{(20)}+m_{101}^{(10)}m_{120}^{(00)}m_{022}^{(22)}-m_{101}^{(10)}m_{120}^{(00)}m_{013}^{(21)}-4m_{101}^{(10)}m_{120}^{(10)}m_{112}^{(22)}\\
&+2m_{101}^{(10)}m_{120}^{(10)}m_{103}^{(21)}+2m_{101}^{(10)}m_{120}^{(10)}m_{013}^{(20)}+2m_{101}^{(10)}m_{120}^{(11)}m_{202}^{(22)}-2m_{101}^{(10)}m_{120}^{(11)}m_{103}^{(20)}\\
&+2m_{101}^{(10)}m_{120}^{(20)}m_{121}^{(22)}-2m_{101}^{(10)}m_{120}^{(20)}m_{022}^{(20)}-m_{101}^{(10)}m_{120}^{(21)}m_{211}^{(22)}-2m_{101}^{(10)}m_{120}^{(21)}m_{202}^{(21)}\\
&+4m_{101}^{(10)}m_{120}^{(21)}m_{112}^{(20)}-m_{101}^{(10)}m_{120}^{(21)}m_{013}^{(00)}+m_{101}^{(10)}m_{120}^{(22)}m_{211}^{(21)}-2m_{101}^{(10)}m_{120}^{(22)}m_{121}^{(20)}\\
&+m_{101}^{(10)}m_{120}^{(22)}m_{022}^{(00)}-2m_{101}^{(10)}m_{111}^{(00)}m_{031}^{(22)}+2m_{101}^{(10)}m_{111}^{(00)}m_{022}^{(21)}+4m_{101}^{(10)}m_{111}^{(10)}m_{121}^{(22)}\\
&-4m_{101}^{(10)}m_{111}^{(10)}m_{022}^{(20)}+2m_{101}^{(10)}m_{111}^{(11)}m_{211}^{(22)}-4m_{101}^{(10)}m_{111}^{(11)}m_{202}^{(21)}+2m_{101}^{(10)}m_{111}^{(11)}m_{112}^{(20)}\\
&-2m_{101}^{(10)}m_{111}^{(20)}m_{130}^{(22)}-2m_{101}^{(10)}m_{111}^{(20)}m_{112}^{(11)}+4m_{101}^{(10)}m_{111}^{(20)}m_{031}^{(20)}-2m_{101}^{(10)}m_{111}^{(21)}m_{220}^{(22)}\\
&+4m_{101}^{(10)}m_{111}^{(21)}m_{202}^{(11)}-4m_{101}^{(10)}m_{111}^{(21)}m_{121}^{(20)}+2m_{101}^{(10)}m_{111}^{(21)}m_{022}^{(00)}+2m_{101}^{(10)}m_{111}^{(22)}m_{220}^{(21)}\\
&-2m_{101}^{(10)}m_{111}^{(22)}m_{211}^{(11)}+2m_{101}^{(10)}m_{111}^{(22)}m_{130}^{(20)}-2m_{101}^{(10)}m_{111}^{(22)}m_{031}^{(00)}+m_{101}^{(10)}m_{102}^{(00)}m_{040}^{(22)}\\
&-m_{101}^{(10)}m_{102}^{(00)}m_{031}^{(21)}-2m_{101}^{(10)}m_{102}^{(10)}m_{121}^{(21)}+2m_{101}^{(10)}m_{102}^{(10)}m_{031}^{(20)}-m_{101}^{(10)}m_{102}^{(11)}m_{220}^{(22)}\\
&+m_{101}^{(10)}m_{102}^{(11)}m_{211}^{(21)}+2m_{101}^{(10)}m_{102}^{(20)}m_{121}^{(11)}-2m_{101}^{(10)}m_{102}^{(20)}m_{040}^{(20)}+2m_{101}^{(10)}m_{102}^{(21)}m_{220}^{(21)}\\
&-m_{101}^{(10)}m_{102}^{(21)}m_{211}^{(11)}-m_{101}^{(10)}m_{102}^{(21)}m_{031}^{(00)}-m_{101}^{(10)}m_{102}^{(22)}m_{220}^{(11)}+m_{101}^{(10)}m_{102}^{(22)}m_{040}^{(00)}\\
&-m_{101}^{(10)}m_{030}^{(00)}m_{112}^{(22)}+m_{101}^{(10)}m_{030}^{(00)}m_{013}^{(20)}+2m_{101}^{(10)}m_{030}^{(10)}m_{202}^{(22)}-2m_{101}^{(10)}m_{030}^{(10)}m_{103}^{(20)}\\
&-m_{101}^{(10)}m_{030}^{(20)}m_{211}^{(22)}+2m_{101}^{(10)}m_{030}^{(20)}m_{112}^{(20)}-m_{101}^{(10)}m_{030}^{(20)}m_{013}^{(00)}-2m_{101}^{(10)}m_{030}^{(21)}m_{202}^{(20)}\\
&+2m_{101}^{(10)}m_{030}^{(21)}m_{103}^{(00)}+m_{101}^{(10)}m_{030}^{(22)}m_{211}^{(20)}-m_{101}^{(10)}m_{030}^{(22)}m_{112}^{(00)}+2m_{101}^{(10)}m_{021}^{(00)}m_{121}^{(22)}\\
&+m_{101}^{(10)}m_{021}^{(00)}m_{112}^{(21)}-3m_{101}^{(10)}m_{021}^{(00)}m_{022}^{(20)}-2m_{101}^{(10)}m_{021}^{(10)}m_{211}^{(22)}-2m_{101}^{(10)}m_{021}^{(10)}m_{202}^{(21)}\\
&+4m_{101}^{(10)}m_{021}^{(10)}m_{112}^{(20)}-2m_{101}^{(10)}m_{021}^{(11)}m_{301}^{(22)}+2m_{101}^{(10)}m_{021}^{(11)}m_{202}^{(20)}+m_{101}^{(10)}m_{021}^{(20)}m_{220}^{(22)}\\
&-4m_{101}^{(10)}m_{021}^{(20)}m_{121}^{(20)}+3m_{101}^{(10)}m_{021}^{(20)}m_{022}^{(00)}+m_{101}^{(10)}m_{021}^{(21)}m_{310}^{(22)}+2m_{101}^{(10)}m_{021}^{(21)}m_{301}^{(21)}\\
&+2m_{101}^{(10)}m_{021}^{(21)}m_{211}^{(20)}-5m_{101}^{(10)}m_{021}^{(21)}m_{112}^{(00)}-m_{101}^{(10)}m_{021}^{(22)}m_{310}^{(21)}-m_{101}^{(10)}m_{021}^{(22)}m_{220}^{(20)}\\
&+2m_{101}^{(10)}m_{021}^{(22)}m_{121}^{(00)}-m_{101}^{(10)}m_{012}^{(00)}m_{130}^{(22)}-2m_{101}^{(10)}m_{012}^{(00)}m_{121}^{(21)}+3m_{101}^{(10)}m_{012}^{(00)}m_{031}^{(20)}\\
&+2m_{101}^{(10)}m_{012}^{(10)}m_{211}^{(21)}-2m_{101}^{(10)}m_{012}^{(10)}m_{121}^{(20)}+m_{101}^{(10)}m_{012}^{(11)}m_{310}^{(22)}+2m_{101}^{(10)}m_{012}^{(11)}m_{301}^{(21)}\\
&-3m_{101}^{(10)}m_{012}^{(11)}m_{211}^{(20)}+m_{101}^{(10)}m_{012}^{(20)}m_{211}^{(11)}+2m_{101}^{(10)}m_{012}^{(20)}m_{130}^{(20)}-3m_{101}^{(10)}m_{012}^{(20)}m_{031}^{(00)}\\
&-2m_{101}^{(10)}m_{012}^{(21)}m_{310}^{(21)}-2m_{101}^{(10)}m_{012}^{(21)}m_{301}^{(11)}+4m_{101}^{(10)}m_{012}^{(21)}m_{121}^{(00)}+m_{101}^{(10)}m_{012}^{(22)}m_{310}^{(11)}
\end{aligned}
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\begin{aligned}
&-m_{101}^{(10)}m_{012}^{(22)}m_{130}^{(00)}+m_{101}^{(10)}m_{003}^{(00)}m_{130}^{(21)}-m_{101}^{(10)}m_{003}^{(00)}m_{040}^{(20)}-m_{101}^{(10)}m_{003}^{(11)}m_{310}^{(21)}\\
&+m_{101}^{(10)}m_{003}^{(11)}m_{220}^{(20)}-m_{101}^{(10)}m_{003}^{(20)}m_{220}^{(11)}+m_{101}^{(10)}m_{003}^{(20)}m_{040}^{(00)}+m_{101}^{(10)}m_{003}^{(21)}m_{310}^{(11)}\\
&-m_{101}^{(10)}m_{003}^{(21)}m_{130}^{(00)}-m_{101}^{(11)}m_{300}^{(10)}m_{022}^{(22)}+m_{101}^{(11)}m_{300}^{(10)}m_{013}^{(21)}+m_{101}^{(11)}m_{300}^{(20)}m_{031}^{(22)}\\
&-m_{101}^{(11)}m_{300}^{(20)}m_{022}^{(21)}+m_{101}^{(11)}m_{300}^{(21)}m_{022}^{(20)}-m_{101}^{(11)}m_{300}^{(21)}m_{013}^{(10)}-m_{101}^{(11)}m_{300}^{(22)}m_{031}^{(20)}\\
&+m_{101}^{(11)}m_{300}^{(22)}m_{022}^{(10)}-m_{101}^{(11)}m_{210}^{(00)}m_{022}^{(22)}+m_{101}^{(11)}m_{210}^{(00)}m_{013}^{(21)}+3m_{101}^{(11)}m_{210}^{(10)}m_{112}^{(22)}\\
&-2m_{101}^{(11)}m_{210}^{(10)}m_{103}^{(21)}-m_{101}^{(11)}m_{210}^{(10)}m_{013}^{(20)}-2m_{101}^{(11)}m_{210}^{(20)}m_{121}^{(22)}+m_{101}^{(11)}m_{210}^{(20)}m_{112}^{(21)}\\
&+2m_{101}^{(11)}m_{210}^{(20)}m_{022}^{(20)}-m_{101}^{(11)}m_{210}^{(20)}m_{013}^{(10)}-3m_{101}^{(11)}m_{210}^{(21)}m_{112}^{(20)}+2m_{101}^{(11)}m_{210}^{(21)}m_{103}^{(10)}\\
&+m_{101}^{(11)}m_{210}^{(21)}m_{013}^{(00)}+2m_{101}^{(11)}m_{210}^{(22)}m_{121}^{(20)}-m_{101}^{(11)}m_{210}^{(22)}m_{112}^{(10)}-m_{101}^{(11)}m_{210}^{(22)}m_{022}^{(00)}\\
&+m_{101}^{(11)}m_{201}^{(00)}m_{031}^{(22)}-m_{101}^{(11)}m_{201}^{(00)}m_{022}^{(21)}-m_{101}^{(11)}m_{201}^{(10)}m_{112}^{(21)}+m_{101}^{(11)}m_{201}^{(10)}m_{022}^{(20)}\\
&-m_{101}^{(11)}m_{201}^{(20)}m_{130}^{(22)}+2m_{101}^{(11)}m_{201}^{(20)}m_{121}^{(21)}-2m_{101}^{(11)}m_{201}^{(20)}m_{031}^{(20)}+m_{101}^{(11)}m_{201}^{(20)}m_{022}^{(10)}\\
&+m_{101}^{(11)}m_{201}^{(21)}m_{112}^{(10)}-m_{101}^{(11)}m_{201}^{(21)}m_{022}^{(00)}+m_{101}^{(11)}m_{201}^{(22)}m_{130}^{(20)}-2m_{101}^{(11)}m_{201}^{(22)}m_{121}^{(10)}\\
&+m_{101}^{(11)}m_{201}^{(22)}m_{031}^{(00)}+m_{101}^{(11)}m_{120}^{(00)}m_{112}^{(22)}-m_{101}^{(11)}m_{120}^{(00)}m_{013}^{(20)}-2m_{101}^{(11)}m_{120}^{(10)}m_{202}^{(22)}\\
&+2m_{101}^{(11)}m_{120}^{(10)}m_{103}^{(20)}+m_{101}^{(11)}m_{120}^{(20)}m_{211}^{(22)}-2m_{101}^{(11)}m_{120}^{(20)}m_{112}^{(20)}+m_{101}^{(11)}m_{120}^{(20)}m_{013}^{(00)}\\
&+2m_{101}^{(11)}m_{120}^{(21)}m_{202}^{(20)}-2m_{101}^{(11)}m_{120}^{(21)}m_{103}^{(00)}-m_{101}^{(11)}m_{120}^{(22)}m_{211}^{(20)}+m_{101}^{(11)}m_{120}^{(22)}m_{112}^{(00)}\\
&-2m_{101}^{(11)}m_{111}^{(00)}m_{112}^{(21)}+2m_{101}^{(11)}m_{111}^{(00)}m_{022}^{(20)}-2m_{101}^{(11)}m_{111}^{(10)}m_{211}^{(22)}+4m_{101}^{(11)}m_{111}^{(10)}m_{202}^{(21)}\\
&-2m_{101}^{(11)}m_{111}^{(10)}m_{112}^{(20)}+2m_{101}^{(11)}m_{111}^{(20)}m_{220}^{(22)}-2m_{101}^{(11)}m_{111}^{(20)}m_{211}^{(21)}+2m_{101}^{(11)}m_{111}^{(20)}m_{112}^{(10)}\\
&-2m_{101}^{(11)}m_{111}^{(20)}m_{022}^{(00)}+2m_{101}^{(11)}m_{111}^{(21)}m_{211}^{(20)}-4m_{101}^{(11)}m_{111}^{(21)}m_{202}^{(10)}+2m_{101}^{(11)}m_{111}^{(21)}m_{112}^{(00)}\\
&-2m_{101}^{(11)}m_{111}^{(22)}m_{220}^{(20)}+2m_{101}^{(11)}m_{111}^{(22)}m_{211}^{(10)}-m_{101}^{(11)}m_{102}^{(00)}m_{130}^{(22)}+2m_{101}^{(11)}m_{102}^{(00)}m_{121}^{(21)}\\
&-m_{101}^{(11)}m_{102}^{(00)}m_{031}^{(20)}+m_{101}^{(11)}m_{102}^{(10)}m_{220}^{(22)}-m_{101}^{(11)}m_{102}^{(10)}m_{211}^{(21)}-m_{101}^{(11)}m_{102}^{(20)}m_{220}^{(21)}\\
&+2m_{101}^{(11)}m_{102}^{(20)}m_{130}^{(20)}-2m_{101}^{(11)}m_{102}^{(20)}m_{121}^{(10)}+m_{101}^{(11)}m_{102}^{(20)}m_{031}^{(00)}-m_{101}^{(11)}m_{102}^{(21)}m_{220}^{(20)}\\
&+m_{101}^{(11)}m_{102}^{(21)}m_{211}^{(10)}+m_{101}^{(11)}m_{102}^{(22)}m_{220}^{(10)}-m_{101}^{(11)}m_{102}^{(22)}m_{130}^{(00)}-m_{101}^{(11)}m_{021}^{(00)}m_{211}^{(22)}\\
&+m_{101}^{(11)}m_{021}^{(00)}m_{112}^{(20)}+2m_{101}^{(11)}m_{021}^{(10)}m_{301}^{(22)}-2m_{101}^{(11)}m_{021}^{(10)}m_{202}^{(20)}-m_{101}^{(11)}m_{021}^{(20)}m_{310}^{(22)}\\
&+2m_{101}^{(11)}m_{021}^{(20)}m_{211}^{(20)}-m_{101}^{(11)}m_{021}^{(20)}m_{112}^{(00)}-2m_{101}^{(11)}m_{021}^{(21)}m_{301}^{(20)}+2m_{101}^{(11)}m_{021}^{(21)}m_{202}^{(00)}\\
&+m_{101}^{(11)}m_{021}^{(22)}m_{310}^{(20)}-m_{101}^{(11)}m_{021}^{(22)}m_{211}^{(00)}+m_{101}^{(11)}m_{012}^{(00)}m_{220}^{(22)}+m_{101}^{(11)}m_{012}^{(00)}m_{211}^{(21)}\\
&-2m_{101}^{(11)}m_{012}^{(00)}m_{121}^{(20)}-m_{101}^{(11)}m_{012}^{(10)}m_{310}^{(22)}-2m_{101}^{(11)}m_{012}^{(10)}m_{301}^{(21)}+3m_{101}^{(11)}m_{012}^{(10)}m_{211}^{(20)}\\
&+m_{101}^{(11)}m_{012}^{(20)}m_{310}^{(21)}-2m_{101}^{(11)}m_{012}^{(20)}m_{220}^{(20)}-m_{101}^{(11)}m_{012}^{(20)}m_{211}^{(10)}+2m_{101}^{(11)}m_{012}^{(20)}m_{121}^{(00)}\\
&+m_{101}^{(11)}m_{012}^{(21)}m_{310}^{(20)}+2m_{101}^{(11)}m_{012}^{(21)}m_{301}^{(10)}-3m_{101}^{(11)}m_{012}^{(21)}m_{211}^{(00)}-m_{101}^{(11)}m_{012}^{(22)}m_{310}^{(10)}\\
&+m_{101}^{(11)}m_{012}^{(22)}m_{220}^{(00)}-m_{101}^{(11)}m_{003}^{(00)}m_{220}^{(21)}+m_{101}^{(11)}m_{003}^{(00)}m_{130}^{(20)}+m_{101}^{(11)}m_{003}^{(10)}m_{310}^{(21)}\\
&-m_{101}^{(11)}m_{003}^{(10)}m_{220}^{(20)}+m_{101}^{(11)}m_{003}^{(20)}m_{220}^{(10)}-m_{101}^{(11)}m_{003}^{(20)}m_{130}^{(00)}-m_{101}^{(11)}m_{003}^{(21)}m_{310}^{(10)}\\
&+m_{101}^{(11)}m_{003}^{(21)}m_{220}^{(00)}-m_{101}^{(20)}m_{300}^{(11)}m_{031}^{(22)}+m_{101}^{(20)}m_{300}^{(11)}m_{022}^{(21)}+m_{101}^{(20)}m_{300}^{(21)}m_{031}^{(22)}+m_{101}^{(20)}m_{300}^{(21)}m_{040}^{(22)}\\
&-m_{101}^{(20)}m_{300}^{(21)}m_{022}^{(11)}-m_{101}^{(20)}m_{300}^{(22)}m_{040}^{(21)}+m_{101}^{(20)}m_{300}^{(22)}m_{031}^{(11)}-m_{101}^{(20)}m_{210}^{(10)}m_{031}^{(22)}\\
&+m_{101}^{(20)}m_{210}^{(10)}m_{013}^{(11)}+4m_{101}^{(20)}m_{210}^{(11)}m_{121}^{(22)}-3m_{101}^{(20)}m_{210}^{(11)}m_{112}^{(21)}-m_{101}^{(20)}m_{210}^{(11)}m_{013}^{(10)}\\
&+2m_{101}^{(20)}m_{210}^{(20)}m_{031}^{(21)}-2m_{101}^{(20)}m_{210}^{(20)}m_{022}^{(11)}-3m_{101}^{(20)}m_{210}^{(21)}m_{130}^{(22)}-2m_{101}^{(20)}m_{210}^{(21)}m_{121}^{(21)}\\
&+3m_{101}^{(20)}m_{210}^{(21)}m_{112}^{(11)}+2m_{101}^{(20)}m_{210}^{(21)}m_{022}^{(10)}+3m_{101}^{(20)}m_{210}^{(22)}m_{130}^{(21)}-2m_{101}^{(20)}m_{210}^{(22)}m_{121}^{(11)}\\
&-m_{101}^{(20)}m_{210}^{(22)}m_{031}^{(10)}+m_{101}^{(20)}m_{201}^{(10)}m_{040}^{(22)}-m_{101}^{(20)}m_{201}^{(10)}m_{022}^{(11)}-m_{101}^{(20)}m_{201}^{(11)}m_{130}^{(22)}\\
&+m_{101}^{(20)}m_{201}^{(11)}m_{022}^{(10)}-2m_{101}^{(20)}m_{201}^{(20)}m_{040}^{(21)}+2m_{101}^{(20)}m_{201}^{(20)}m_{031}^{(11)}+2m_{101}^{(20)}m_{201}^{(21)}m_{130}^{(21)}\\
&-2m_{101}^{(20)}m_{201}^{(21)}m_{031}^{(10)}-m_{101}^{(20)}m_{201}^{(22)}m_{130}^{(11)}+m_{101}^{(20)}m_{201}^{(22)}m_{040}^{(10)}-m_{101}^{(20)}m_{120}^{(00)}m_{022}^{(21)}\\
&+m_{101}^{(20)}m_{120}^{(00)}m_{013}^{(11)}+2m_{101}^{(20)}m_{120}^{(10)}m_{121}^{(22)}+2m_{101}^{(20)}m_{120}^{(10)}m_{112}^{(21)}-2m_{101}^{(20)}m_{120}^{(10)}m_{103}^{(11)}
\end{aligned}
$$

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\begin{aligned}
&-2m_{101}^{(20)}m_{120}^{(10)}m_{013}^{(10)} - 5m_{101}^{(20)}m_{120}^{(11)}m_{211}^{(22)} + 2m_{101}^{(20)}m_{120}^{(11)}m_{202}^{(21)} + 2m_{101}^{(20)}m_{120}^{(11)}m_{103}^{(10)}\\
&+m_{101}^{(20)}m_{120}^{(11)}m_{013}^{(00)} - 4m_{101}^{(20)}m_{120}^{(20)}m_{121}^{(21)} + 2m_{101}^{(20)}m_{120}^{(20)}m_{112}^{(11)} + 2m_{101}^{(20)}m_{120}^{(20)}m_{022}^{(10)}\\
&+3m_{101}^{(20)}m_{120}^{(21)}m_{220}^{(22)} + 4m_{101}^{(20)}m_{120}^{(21)}m_{211}^{(21)} - 2m_{101}^{(20)}m_{120}^{(21)}m_{202}^{(11)} - 4m_{101}^{(20)}m_{120}^{(21)}m_{112}^{(10)}\\
&-m_{101}^{(20)}m_{120}^{(21)}m_{022}^{(00)} - 3m_{101}^{(20)}m_{120}^{(22)}m_{220}^{(21)} + m_{101}^{(20)}m_{120}^{(22)}m_{211}^{(11)} + 2m_{101}^{(20)}m_{120}^{(22)}m_{121}^{(10)}\\
&+2m_{101}^{(20)}m_{111}^{(00)}m_{031}^{(21)} - 2m_{101}^{(20)}m_{111}^{(00)}m_{022}^{(11)} - 2m_{101}^{(20)}m_{111}^{(10)}m_{130}^{(22)} - 4m_{101}^{(20)}m_{111}^{(10)}m_{121}^{(21)}\\
&+2m_{101}^{(20)}m_{111}^{(10)}m_{112}^{(11)} + 4m_{101}^{(20)}m_{111}^{(10)}m_{022}^{(10)} + 2m_{101}^{(20)}m_{111}^{(11)}m_{220}^{(22)} + 2m_{101}^{(20)}m_{111}^{(11)}m_{211}^{(21)}\\
&-2m_{101}^{(20)}m_{111}^{(11)}m_{112}^{(10)} - 2m_{101}^{(20)}m_{111}^{(11)}m_{022}^{(00)} + 4m_{101}^{(20)}m_{111}^{(20)}m_{130}^{(21)} - 4m_{101}^{(20)}m_{111}^{(20)}m_{031}^{(10)}\\
&-4m_{101}^{(20)}m_{111}^{(21)}m_{220}^{(21)} - 2m_{101}^{(20)}m_{111}^{(21)}m_{211}^{(11)} + 4m_{101}^{(20)}m_{111}^{(21)}m_{121}^{(10)} + 2m_{101}^{(20)}m_{111}^{(21)}m_{031}^{(00)}\\
&+2m_{101}^{(20)}m_{111}^{(22)}m_{220}^{(11)} - 2m_{101}^{(20)}m_{111}^{(22)}m_{130}^{(10)} - m_{101}^{(20)}m_{102}^{(00)}m_{040}^{(21)} + m_{101}^{(20)}m_{102}^{(00)}m_{031}^{(11)}\\
&+2m_{101}^{(20)}m_{102}^{(10)}m_{130}^{(21)} - 2m_{101}^{(20)}m_{102}^{(10)}m_{031}^{(10)} - m_{101}^{(20)}m_{102}^{(11)}m_{220}^{(21)} + m_{101}^{(20)}m_{102}^{(11)}m_{031}^{(00)}\\
&-2m_{101}^{(20)}m_{102}^{(20)}m_{130}^{(11)} + 2m_{101}^{(20)}m_{102}^{(20)}m_{040}^{(10)} + m_{101}^{(20)}m_{102}^{(21)}m_{220}^{(11)} - m_{101}^{(20)}m_{102}^{(21)}m_{040}^{(00)}\\
&+m_{101}^{(20)}m_{030}^{(00)}m_{112}^{(21)} - m_{101}^{(20)}m_{030}^{(00)}m_{013}^{(10)} - m_{101}^{(20)}m_{030}^{(10)}m_{211}^{(22)} - 2m_{101}^{(20)}m_{030}^{(10)}m_{202}^{(21)}\\
&+2m_{101}^{(20)}m_{030}^{(10)}m_{103}^{(10)} + m_{101}^{(20)}m_{030}^{(10)}m_{013}^{(00)} + 2m_{101}^{(20)}m_{030}^{(11)}m_{301}^{(22)} - 2m_{101}^{(20)}m_{030}^{(11)}m_{103}^{(00)}\\
&+2m_{101}^{(20)}m_{030}^{(20)}m_{211}^{(21)} - 2m_{101}^{(20)}m_{030}^{(20)}m_{112}^{(10)} - m_{101}^{(20)}m_{030}^{(21)}m_{310}^{(22)} - 2m_{101}^{(20)}m_{030}^{(21)}m_{301}^{(21)}\\
&+2m_{101}^{(20)}m_{030}^{(21)}m_{202}^{(10)} + m_{101}^{(20)}m_{030}^{(21)}m_{112}^{(00)} + m_{101}^{(20)}m_{030}^{(22)}m_{310}^{(21)} - m_{101}^{(20)}m_{030}^{(22)}m_{211}^{(10)}\\
&-2m_{101}^{(20)}m_{021}^{(00)}m_{121}^{(21)} - m_{101}^{(20)}m_{021}^{(00)}m_{112}^{(11)} + 3m_{101}^{(20)}m_{021}^{(00)}m_{022}^{(10)} + m_{101}^{(20)}m_{021}^{(10)}m_{220}^{(22)}\\
&+4m_{101}^{(20)}m_{021}^{(10)}m_{211}^{(21)} + 2m_{101}^{(20)}m_{021}^{(10)}m_{202}^{(11)} - 4m_{101}^{(20)}m_{021}^{(10)}m_{112}^{(10)} - 3m_{101}^{(20)}m_{021}^{(10)}m_{022}^{(00)}\\
&-m_{101}^{(20)}m_{021}^{(11)}m_{310}^{(22)} - 2m_{101}^{(20)}m_{021}^{(11)}m_{301}^{(21)} - 2m_{101}^{(20)}m_{021}^{(11)}m_{202}^{(10)} + 5m_{101}^{(20)}m_{021}^{(11)}m_{112}^{(00)}\\
&-2m_{101}^{(20)}m_{021}^{(20)}m_{220}^{(21)} - 2m_{101}^{(20)}m_{021}^{(20)}m_{211}^{(11)} + 4m_{101}^{(20)}m_{021}^{(20)}m_{121}^{(10)} + 2m_{101}^{(20)}m_{021}^{(21)}m_{310}^{(21)}\\
&+2m_{101}^{(20)}m_{021}^{(21)}m_{301}^{(11)} - 2m_{101}^{(20)}m_{021}^{(21)}m_{211}^{(10)} - 2m_{101}^{(20)}m_{021}^{(21)}m_{121}^{(00)} - m_{101}^{(20)}m_{021}^{(22)}m_{310}^{(11)}\\
&+m_{101}^{(20)}m_{021}^{(22)}m_{220}^{(10)} + m_{101}^{(20)}m_{012}^{(00)}m_{130}^{(21)} + 2m_{101}^{(20)}m_{012}^{(00)}m_{121}^{(11)} - 3m_{101}^{(20)}m_{012}^{(00)}m_{031}^{(10)}\\
&-2m_{101}^{(20)}m_{012}^{(10)}m_{220}^{(21)} - 3m_{101}^{(20)}m_{012}^{(10)}m_{211}^{(11)} + 2m_{101}^{(20)}m_{012}^{(10)}m_{121}^{(10)} + 3m_{101}^{(20)}m_{012}^{(10)}m_{031}^{(00)}\\
&+m_{101}^{(20)}m_{012}^{(11)}m_{310}^{(21)} + 3m_{101}^{(20)}m_{012}^{(11)}m_{211}^{(10)} - 4m_{101}^{(20)}m_{012}^{(11)}m_{121}^{(00)} + 2m_{101}^{(20)}m_{012}^{(20)}m_{220}^{(11)}\\
&-2m_{101}^{(20)}m_{012}^{(20)}m_{130}^{(10)} - m_{101}^{(20)}m_{012}^{(21)}m_{310}^{(11)} + m_{101}^{(20)}m_{012}^{(21)}m_{130}^{(00)} - m_{101}^{(20)}m_{003}^{(00)}m_{130}^{(11)}\\
&+m_{101}^{(20)}m_{003}^{(00)}m_{040}^{(10)} + m_{101}^{(20)}m_{003}^{(10)}m_{220}^{(11)} - m_{101}^{(20)}m_{003}^{(10)}m_{040}^{(00)} - m_{101}^{(20)}m_{003}^{(11)}m_{220}^{(10)}\\
&+m_{101}^{(20)}m_{003}^{(11)}m_{130}^{(00)} + m_{101}^{(21)}m_{300}^{(10)}m_{031}^{(22)} - m_{101}^{(21)}m_{300}^{(10)}m_{013}^{(11)} - m_{101}^{(21)}m_{300}^{(11)}m_{022}^{(20)}\\
&+m_{101}^{(21)}m_{300}^{(11)}m_{013}^{(10)} - m_{101}^{(21)}m_{300}^{(20)}m_{040}^{(22)} + m_{101}^{(21)}m_{300}^{(20)}m_{022}^{(11)} + m_{101}^{(21)}m_{300}^{(22)}m_{040}^{(20)}\\
&-m_{101}^{(21)}m_{300}^{(22)}m_{031}^{(10)} + m_{101}^{(21)}m_{210}^{(00)}m_{031}^{(22)} - m_{101}^{(21)}m_{210}^{(00)}m_{013}^{(11)} - 4m_{101}^{(21)}m_{210}^{(10)}m_{121}^{(22)}\\
&+2m_{101}^{(21)}m_{210}^{(10)}m_{103}^{(11)} + 2m_{101}^{(21)}m_{210}^{(10)}m_{013}^{(10)} + 3m_{101}^{(21)}m_{210}^{(11)}m_{112}^{(20)} - 2m_{101}^{(21)}m_{210}^{(11)}m_{103}^{(10)}\\
&-m_{101}^{(21)}m_{210}^{(11)}m_{013}^{(00)} + 3m_{101}^{(21)}m_{210}^{(20)}m_{130}^{(22)} - m_{101}^{(21)}m_{210}^{(20)}m_{112}^{(11)} - 2m_{101}^{(21)}m_{210}^{(20)}m_{031}^{(20)}\\
&+2m_{101}^{(21)}m_{210}^{(21)}m_{121}^{(20)} - 2m_{101}^{(21)}m_{210}^{(21)}m_{112}^{(10)} - 3m_{101}^{(21)}m_{210}^{(22)}m_{130}^{(20)} + 2m_{101}^{(21)}m_{210}^{(22)}m_{121}^{(10)}\\
&+m_{101}^{(21)}m_{210}^{(22)}m_{031}^{(00)} - m_{101}^{(21)}m_{201}^{(00)}m_{040}^{(22)} + m_{101}^{(21)}m_{201}^{(00)}m_{022}^{(11)} + m_{101}^{(21)}m_{201}^{(10)}m_{130}^{(22)}\\
&+m_{101}^{(21)}m_{201}^{(10)}m_{112}^{(11)} - 2m_{101}^{(21)}m_{201}^{(10)}m_{022}^{(10)} - m_{101}^{(21)}m_{201}^{(11)}m_{112}^{(10)} + m_{101}^{(21)}m_{201}^{(11)}m_{022}^{(00)}\\
&-2m_{101}^{(21)}m_{201}^{(20)}m_{121}^{(11)} + 2m_{101}^{(21)}m_{201}^{(20)}m_{040}^{(20)} - 2m_{101}^{(21)}m_{201}^{(21)}m_{130}^{(20)} + 2m_{101}^{(21)}m_{201}^{(21)}m_{121}^{(10)}\\
&+m_{101}^{(21)}m_{201}^{(22)}m_{130}^{(10)} - m_{101}^{(21)}m_{201}^{(22)}m_{040}^{(00)} - 2m_{101}^{(21)}m_{120}^{(00)}m_{121}^{(22)} + m_{101}^{(21)}m_{120}^{(00)}m_{022}^{(20)}\\
&+m_{101}^{(21)}m_{120}^{(00)}m_{013}^{(10)} + 5m_{101}^{(21)}m_{120}^{(10)}m_{211}^{(22)} - 2m_{101}^{(21)}m_{120}^{(10)}m_{112}^{(20)} - 2m_{101}^{(21)}m_{120}^{(10)}m_{103}^{(10)}\\
&-m_{101}^{(21)}m_{120}^{(10)}m_{013}^{(00)} - 2m_{101}^{(21)}m_{120}^{(11)}m_{202}^{(20)} + 2m_{101}^{(21)}m_{120}^{(11)}m_{103}^{(00)} - 3m_{101}^{(21)}m_{120}^{(20)}m_{220}^{(22)}\\
&+4m_{101}^{(21)}m_{120}^{(20)}m_{121}^{(20)} - m_{101}^{(21)}m_{120}^{(20)}m_{022}^{(00)} - 4m_{101}^{(21)}m_{120}^{(21)}m_{211}^{(20)} + 2m_{101}^{(21)}m_{120}^{(21)}m_{202}^{(10)}
\end{aligned}
$$

$$+2m_{101}^{(21)}m_{120}^{(21)}m_{112}^{(00)}+3m_{101}^{(21)}m_{120}^{(22)}m_{220}^{(20)}-m_{101}^{(21)}m_{120}^{(22)}m_{211}^{(10)}-2m_{101}^{(21)}m_{120}^{(22)}m_{121}^{(00)}$$
$$+2m_{101}^{(21)}m_{111}^{(00)}m_{130}^{(22)}+2m_{101}^{(21)}m_{111}^{(00)}m_{112}^{(11)}-2m_{101}^{(21)}m_{111}^{(00)}m_{031}^{(20)}-2m_{101}^{(21)}m_{111}^{(00)}m_{022}^{(10)}$$
$$-2m_{101}^{(21)}m_{111}^{(10)}m_{220}^{(22)}-4m_{101}^{(21)}m_{111}^{(10)}m_{202}^{(11)}+4m_{101}^{(21)}m_{111}^{(10)}m_{121}^{(20)}+2m_{101}^{(21)}m_{111}^{(10)}m_{022}^{(00)}$$
$$-2m_{101}^{(21)}m_{111}^{(11)}m_{211}^{(20)}+4m_{101}^{(21)}m_{111}^{(11)}m_{202}^{(10)}-2m_{101}^{(21)}m_{111}^{(11)}m_{112}^{(00)}+2m_{101}^{(21)}m_{111}^{(20)}m_{211}^{(11)}$$
$$-4m_{101}^{(21)}m_{111}^{(20)}m_{130}^{(20)}+2m_{101}^{(21)}m_{111}^{(20)}m_{031}^{(00)}+4m_{101}^{(21)}m_{111}^{(21)}m_{220}^{(20)}-4m_{101}^{(21)}m_{111}^{(21)}m_{121}^{(00)}$$
$$-2m_{101}^{(21)}m_{111}^{(22)}m_{220}^{(10)}+2m_{101}^{(21)}m_{111}^{(22)}m_{130}^{(00)}-2m_{101}^{(21)}m_{102}^{(00)}m_{121}^{(11)}+m_{101}^{(21)}m_{102}^{(00)}m_{040}^{(20)}$$
$$+m_{101}^{(21)}m_{102}^{(00)}m_{031}^{(10)}+m_{101}^{(21)}m_{102}^{(10)}m_{211}^{(11)}-2m_{101}^{(21)}m_{102}^{(10)}m_{130}^{(20)}+2m_{101}^{(21)}m_{102}^{(10)}m_{121}^{(10)}$$
$$-m_{101}^{(21)}m_{102}^{(10)}m_{031}^{(00)}+m_{101}^{(21)}m_{102}^{(11)}m_{220}^{(20)}-m_{101}^{(21)}m_{102}^{(11)}m_{211}^{(10)}+m_{101}^{(21)}m_{102}^{(20)}m_{220}^{(11)}$$
$$-m_{101}^{(21)}m_{102}^{(20)}m_{040}^{(00)}-2m_{101}^{(21)}m_{102}^{(21)}m_{220}^{(10)}+2m_{101}^{(21)}m_{102}^{(21)}m_{130}^{(00)}+m_{101}^{(21)}m_{030}^{(00)}m_{211}^{(22)}$$
$$-m_{101}^{(21)}m_{030}^{(00)}m_{112}^{(20)}-2m_{101}^{(21)}m_{030}^{(10)}m_{301}^{(22)}+2m_{101}^{(21)}m_{030}^{(10)}m_{202}^{(20)}+m_{101}^{(21)}m_{030}^{(20)}m_{310}^{(22)}$$
$$-2m_{101}^{(21)}m_{030}^{(20)}m_{211}^{(20)}+m_{101}^{(21)}m_{030}^{(20)}m_{112}^{(00)}+2m_{101}^{(21)}m_{030}^{(21)}m_{301}^{(20)}-2m_{101}^{(21)}m_{030}^{(21)}m_{202}^{(00)}$$
$$-m_{101}^{(21)}m_{030}^{(22)}m_{310}^{(20)}+m_{101}^{(21)}m_{030}^{(22)}m_{211}^{(00)}-m_{101}^{(21)}m_{021}^{(00)}m_{220}^{(22)}+2m_{101}^{(21)}m_{021}^{(00)}m_{121}^{(20)}$$
$$-m_{101}^{(21)}m_{021}^{(00)}m_{112}^{(10)}+m_{101}^{(21)}m_{021}^{(10)}m_{310}^{(22)}-4m_{101}^{(21)}m_{021}^{(10)}m_{211}^{(20)}+2m_{101}^{(21)}m_{021}^{(10)}m_{202}^{(10)}$$
$$+m_{101}^{(21)}m_{021}^{(10)}m_{112}^{(00)}+2m_{101}^{(21)}m_{021}^{(11)}m_{301}^{(20)}-2m_{101}^{(21)}m_{021}^{(11)}m_{202}^{(00)}+2m_{101}^{(21)}m_{021}^{(20)}m_{220}^{(20)}$$
$$-2m_{101}^{(21)}m_{021}^{(20)}m_{121}^{(00)}-2m_{101}^{(21)}m_{021}^{(21)}m_{310}^{(20)}-2m_{101}^{(21)}m_{021}^{(21)}m_{301}^{(10)}+4m_{101}^{(21)}m_{021}^{(21)}m_{211}^{(00)}$$
$$+m_{101}^{(21)}m_{021}^{(22)}m_{310}^{(10)}-m_{101}^{(21)}m_{021}^{(22)}m_{220}^{(00)}-m_{101}^{(21)}m_{012}^{(00)}m_{211}^{(11)}-m_{101}^{(21)}m_{012}^{(00)}m_{130}^{(20)}$$
$$+2m_{101}^{(21)}m_{012}^{(00)}m_{121}^{(10)}+2m_{101}^{(21)}m_{012}^{(10)}m_{301}^{(11)}+2m_{101}^{(21)}m_{012}^{(10)}m_{220}^{(20)}-2m_{101}^{(21)}m_{012}^{(10)}m_{211}^{(10)}$$
$$-2m_{101}^{(21)}m_{012}^{(10)}m_{121}^{(00)}-m_{101}^{(21)}m_{012}^{(11)}m_{310}^{(20)}-2m_{101}^{(21)}m_{012}^{(11)}m_{301}^{(10)}+3m_{101}^{(21)}m_{012}^{(11)}m_{211}^{(00)}$$
$$-m_{101}^{(21)}m_{012}^{(20)}m_{310}^{(11)}+m_{101}^{(21)}m_{012}^{(20)}m_{130}^{(00)}+2m_{101}^{(21)}m_{012}^{(21)}m_{310}^{(10)}-2m_{101}^{(21)}m_{012}^{(21)}m_{220}^{(00)}$$
$$+m_{101}^{(21)}m_{003}^{(00)}m_{220}^{(11)}-m_{101}^{(21)}m_{003}^{(00)}m_{130}^{(10)}-m_{101}^{(21)}m_{003}^{(10)}m_{310}^{(11)}+m_{101}^{(21)}m_{003}^{(10)}m_{130}^{(00)}$$
$$+m_{101}^{(21)}m_{003}^{(11)}m_{310}^{(10)}-m_{101}^{(21)}m_{003}^{(11)}m_{220}^{(00)}-m_{101}^{(22)}m_{300}^{(10)}m_{031}^{(21)}+m_{101}^{(22)}m_{300}^{(10)}m_{022}^{(11)}$$
$$+m_{101}^{(22)}m_{300}^{(11)}m_{031}^{(20)}-m_{101}^{(22)}m_{300}^{(11)}m_{022}^{(10)}+m_{101}^{(22)}m_{300}^{(20)}m_{040}^{(21)}-m_{101}^{(22)}m_{300}^{(20)}m_{031}^{(11)}$$
$$-m_{101}^{(22)}m_{300}^{(21)}m_{040}^{(20)}+m_{101}^{(22)}m_{300}^{(21)}m_{031}^{(10)}-m_{101}^{(22)}m_{210}^{(00)}m_{031}^{(21)}+m_{101}^{(22)}m_{210}^{(00)}m_{022}^{(11)}$$
$$+4m_{101}^{(22)}m_{210}^{(10)}m_{121}^{(21)}-3m_{101}^{(22)}m_{210}^{(10)}m_{112}^{(11)}+m_{101}^{(22)}m_{210}^{(10)}m_{031}^{(20)}-2m_{101}^{(22)}m_{210}^{(10)}m_{022}^{(10)}$$
$$-4m_{101}^{(22)}m_{210}^{(11)}m_{121}^{(20)}+3m_{101}^{(22)}m_{210}^{(11)}m_{112}^{(10)}+m_{101}^{(22)}m_{210}^{(11)}m_{022}^{(00)}-3m_{101}^{(22)}m_{210}^{(20)}m_{130}^{(21)}$$
$$+2m_{101}^{(22)}m_{210}^{(20)}m_{121}^{(11)}+m_{101}^{(22)}m_{210}^{(20)}m_{031}^{(10)}+3m_{101}^{(22)}m_{210}^{(21)}m_{130}^{(20)}-2m_{101}^{(22)}m_{210}^{(21)}m_{121}^{(10)}$$
$$-m_{101}^{(22)}m_{210}^{(21)}m_{031}^{(00)}+m_{101}^{(22)}m_{201}^{(00)}m_{040}^{(21)}-m_{101}^{(22)}m_{201}^{(00)}m_{031}^{(11)}-m_{101}^{(22)}m_{201}^{(10)}m_{130}^{(21)}$$
$$-m_{101}^{(22)}m_{201}^{(10)}m_{040}^{(20)}+2m_{101}^{(22)}m_{201}^{(10)}m_{031}^{(10)}+m_{101}^{(22)}m_{201}^{(11)}m_{130}^{(20)}-m_{101}^{(22)}m_{201}^{(11)}m_{031}^{(00)}$$
$$+m_{101}^{(22)}m_{201}^{(20)}m_{130}^{(11)}-m_{101}^{(22)}m_{201}^{(20)}m_{040}^{(10)}-m_{101}^{(22)}m_{201}^{(21)}m_{130}^{(10)}+m_{101}^{(22)}m_{201}^{(21)}m_{040}^{(00)}$$
$$+2m_{101}^{(22)}m_{120}^{(00)}m_{121}^{(21)}-m_{101}^{(22)}m_{120}^{(00)}m_{112}^{(11)}-m_{101}^{(22)}m_{120}^{(00)}m_{022}^{(10)}-5m_{101}^{(22)}m_{120}^{(10)}m_{211}^{(21)}$$
$$+2m_{101}^{(22)}m_{120}^{(10)}m_{202}^{(11)}-2m_{101}^{(22)}m_{120}^{(10)}m_{121}^{(20)}+4m_{101}^{(22)}m_{120}^{(10)}m_{112}^{(10)}+m_{101}^{(22)}m_{120}^{(10)}m_{022}^{(00)}$$
$$+5m_{101}^{(22)}m_{120}^{(11)}m_{211}^{(20)}-2m_{101}^{(22)}m_{120}^{(11)}m_{202}^{(10)}-3m_{101}^{(22)}m_{120}^{(11)}m_{112}^{(00)}+3m_{101}^{(22)}m_{120}^{(20)}m_{220}^{(21)}$$
$$-m_{101}^{(22)}m_{120}^{(20)}m_{211}^{(11)}-2m_{101}^{(22)}m_{120}^{(20)}m_{121}^{(10)}-3m_{101}^{(22)}m_{120}^{(21)}m_{220}^{(20)}+m_{101}^{(22)}m_{120}^{(21)}m_{211}^{(10)}$$
$$+2m_{101}^{(22)}m_{120}^{(21)}m_{121}^{(00)}-2m_{101}^{(22)}m_{111}^{(00)}m_{130}^{(21)}+2m_{101}^{(22)}m_{111}^{(00)}m_{031}^{(10)}+2m_{101}^{(22)}m_{111}^{(10)}m_{220}^{(21)}$$
$$+2m_{101}^{(22)}m_{111}^{(10)}m_{211}^{(11)}+2m_{101}^{(22)}m_{111}^{(10)}m_{130}^{(20)}-4m_{101}^{(22)}m_{111}^{(10)}m_{121}^{(10)}-2m_{101}^{(22)}m_{111}^{(10)}m_{031}^{(00)}$$
$$-2m_{101}^{(22)}m_{111}^{(11)}m_{220}^{(20)}-2m_{101}^{(22)}m_{111}^{(11)}m_{211}^{(10)}+4m_{101}^{(22)}m_{111}^{(11)}m_{121}^{(00)}-2m_{101}^{(22)}m_{111}^{(20)}m_{220}^{(11)}$$
$$+2m_{101}^{(22)}m_{111}^{(20)}m_{130}^{(10)}+2m_{101}^{(22)}m_{111}^{(21)}m_{220}^{(10)}-2m_{101}^{(22)}m_{111}^{(21)}m_{130}^{(00)}+m_{101}^{(22)}m_{102}^{(00)}m_{130}^{(11)}$$
$$-m_{101}^{(22)}m_{102}^{(00)}m_{040}^{(10)}-m_{101}^{(22)}m_{102}^{(10)}m_{220}^{(11)}+m_{101}^{(22)}m_{102}^{(10)}m_{040}^{(00)}+m_{101}^{(22)}m_{102}^{(11)}m_{220}^{(10)}$$

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\begin{aligned}
&-m_{101}^{(22)}m_{102}^{(11)}m_{130}^{(00)} - m_{101}^{(22)}m_{030}^{(00)}m_{211}^{(21)} + m_{101}^{(22)}m_{030}^{(00)}m_{112}^{(10)} + 2m_{101}^{(22)}m_{030}^{(10)}m_{301}^{(21)}\\
&+m_{101}^{(22)}m_{030}^{(10)}m_{211}^{(20)} - 2m_{101}^{(22)}m_{030}^{(10)}m_{202}^{(10)} - m_{101}^{(22)}m_{030}^{(10)}m_{112}^{(00)} - 2m_{101}^{(22)}m_{030}^{(11)}m_{301}^{(20)}\\
&+2m_{101}^{(22)}m_{030}^{(11)}m_{202}^{(00)} - m_{101}^{(22)}m_{030}^{(20)}m_{310}^{(21)} + m_{101}^{(22)}m_{030}^{(20)}m_{211}^{(10)} + m_{101}^{(22)}m_{030}^{(21)}m_{310}^{(20)}\\
&-m_{101}^{(22)}m_{030}^{(21)}m_{211}^{(00)} + m_{101}^{(22)}m_{021}^{(00)}m_{220}^{(21)} + m_{101}^{(22)}m_{021}^{(00)}m_{211}^{(11)} - 2m_{101}^{(22)}m_{021}^{(00)}m_{121}^{(10)}\\
&-m_{101}^{(22)}m_{021}^{(10)}m_{310}^{(21)} - 2m_{101}^{(22)}m_{021}^{(10)}m_{301}^{(11)} - m_{101}^{(22)}m_{021}^{(10)}m_{220}^{(20)} + 2m_{101}^{(22)}m_{021}^{(10)}m_{211}^{(10)}\\
&+2m_{101}^{(22)}m_{021}^{(10)}m_{121}^{(00)} + m_{101}^{(22)}m_{021}^{(11)}m_{310}^{(20)} + 2m_{101}^{(22)}m_{021}^{(11)}m_{301}^{(10)} - 3m_{101}^{(22)}m_{021}^{(11)}m_{211}^{(00)}\\
&+m_{101}^{(22)}m_{021}^{(20)}m_{310}^{(11)} - m_{101}^{(22)}m_{021}^{(20)}m_{220}^{(10)} - m_{101}^{(22)}m_{021}^{(21)}m_{310}^{(10)} + m_{101}^{(22)}m_{021}^{(21)}m_{220}^{(00)}\\
&-m_{101}^{(22)}m_{012}^{(00)}m_{220}^{(11)} + m_{101}^{(22)}m_{012}^{(00)}m_{130}^{(10)} + m_{101}^{(22)}m_{012}^{(10)}m_{310}^{(11)} - m_{101}^{(22)}m_{012}^{(10)}m_{130}^{(00)}\\
&-m_{101}^{(22)}m_{012}^{(11)}m_{310}^{(10)} + m_{101}^{(22)}m_{012}^{(11)}m_{220}^{(00)} - m_{020}^{(00)}m_{210}^{(10)}m_{013}^{(22)} + m_{020}^{(00)}m_{210}^{(10)}m_{004}^{(21)}\\
&+m_{020}^{(00)}m_{210}^{(20)}m_{013}^{(21)} - m_{020}^{(00)}m_{210}^{(20)}m_{004}^{(11)} + m_{020}^{(00)}m_{210}^{(21)}m_{112}^{(22)} - m_{020}^{(00)}m_{210}^{(21)}m_{103}^{(21)}\\
&-m_{020}^{(00)}m_{210}^{(22)}m_{112}^{(21)} + m_{020}^{(00)}m_{210}^{(22)}m_{103}^{(11)} + m_{020}^{(00)}m_{201}^{(10)}m_{022}^{(22)} - m_{020}^{(00)}m_{201}^{(10)}m_{013}^{(21)}\\
&-m_{020}^{(00)}m_{201}^{(20)}m_{022}^{(21)} + m_{020}^{(00)}m_{201}^{(20)}m_{013}^{(11)} - m_{020}^{(00)}m_{201}^{(21)}m_{121}^{(22)} + m_{020}^{(00)}m_{201}^{(21)}m_{112}^{(21)}\\
&+m_{020}^{(00)}m_{201}^{(22)}m_{121}^{(21)} - m_{020}^{(00)}m_{201}^{(22)}m_{112}^{(11)} + m_{020}^{(00)}m_{120}^{(10)}m_{103}^{(22)} - m_{020}^{(00)}m_{120}^{(10)}m_{004}^{(20)}\\
&-m_{020}^{(00)}m_{120}^{(20)}m_{103}^{(21)} + m_{020}^{(00)}m_{120}^{(20)}m_{004}^{(10)} - m_{020}^{(00)}m_{120}^{(21)}m_{202}^{(22)} + m_{020}^{(00)}m_{120}^{(21)}m_{103}^{(20)}\\
&+m_{020}^{(00)}m_{120}^{(22)}m_{202}^{(21)} - m_{020}^{(00)}m_{120}^{(22)}m_{103}^{(10)} - 2m_{020}^{(00)}m_{111}^{(10)}m_{103}^{(21)} + 2m_{020}^{(00)}m_{111}^{(10)}m_{013}^{(20)}\\
&+2m_{020}^{(00)}m_{111}^{(20)}m_{103}^{(11)} - 2m_{020}^{(00)}m_{111}^{(20)}m_{013}^{(10)} + 2m_{020}^{(00)}m_{111}^{(21)}m_{202}^{(21)} - 2m_{020}^{(00)}m_{111}^{(21)}m_{112}^{(20)}\\
&-2m_{020}^{(00)}m_{111}^{(22)}m_{202}^{(11)} + 2m_{020}^{(00)}m_{111}^{(22)}m_{112}^{(10)} - m_{020}^{(00)}m_{102}^{(10)}m_{121}^{(22)} + 2m_{020}^{(00)}m_{102}^{(10)}m_{112}^{(21)}\\
&-m_{020}^{(00)}m_{102}^{(10)}m_{022}^{(20)} + m_{020}^{(00)}m_{102}^{(20)}m_{121}^{(21)} - 2m_{020}^{(00)}m_{102}^{(20)}m_{112}^{(11)} + m_{020}^{(00)}m_{102}^{(20)}m_{022}^{(10)}\\
&+m_{020}^{(00)}m_{102}^{(21)}m_{220}^{(22)} - 2m_{020}^{(00)}m_{102}^{(21)}m_{211}^{(21)} + m_{020}^{(00)}m_{102}^{(21)}m_{121}^{(20)} - m_{020}^{(00)}m_{102}^{(22)}m_{220}^{(21)}\\
&+2m_{020}^{(00)}m_{102}^{(22)}m_{211}^{(11)} - m_{020}^{(00)}m_{102}^{(22)}m_{121}^{(10)} - m_{020}^{(00)}m_{021}^{(10)}m_{202}^{(22)} + m_{020}^{(00)}m_{021}^{(10)}m_{103}^{(20)}\\
&+m_{020}^{(00)}m_{021}^{(20)}m_{202}^{(21)} - m_{020}^{(00)}m_{021}^{(20)}m_{103}^{(10)} + m_{020}^{(00)}m_{021}^{(21)}m_{301}^{(22)} - m_{020}^{(00)}m_{021}^{(21)}m_{202}^{(20)}\\
&-m_{020}^{(00)}m_{021}^{(22)}m_{301}^{(21)} + m_{020}^{(00)}m_{021}^{(22)}m_{202}^{(10)} + m_{020}^{(00)}m_{012}^{(10)}m_{211}^{(22)} + m_{020}^{(00)}m_{012}^{(10)}m_{202}^{(21)}\\
&-2m_{020}^{(00)}m_{012}^{(10)}m_{112}^{(20)} - m_{020}^{(00)}m_{012}^{(20)}m_{211}^{(21)} - m_{020}^{(00)}m_{012}^{(20)}m_{202}^{(11)} + 2m_{020}^{(00)}m_{012}^{(20)}m_{112}^{(10)}\\
&-m_{020}^{(00)}m_{012}^{(21)}m_{310}^{(22)} - m_{020}^{(00)}m_{012}^{(21)}m_{301}^{(21)} + 2m_{020}^{(00)}m_{012}^{(21)}m_{211}^{(20)} + m_{020}^{(00)}m_{012}^{(22)}m_{310}^{(21)}\\
&+m_{020}^{(00)}m_{012}^{(22)}m_{301}^{(11)} - 2m_{020}^{(00)}m_{012}^{(22)}m_{211}^{(10)} - m_{020}^{(00)}m_{003}^{(10)}m_{211}^{(21)} + m_{020}^{(00)}m_{003}^{(10)}m_{121}^{(20)}\\
&+m_{020}^{(00)}m_{003}^{(20)}m_{211}^{(11)} - m_{020}^{(00)}m_{003}^{(20)}m_{121}^{(10)} + m_{020}^{(00)}m_{003}^{(21)}m_{310}^{(21)} - m_{020}^{(00)}m_{003}^{(21)}m_{220}^{(20)}\\
&-m_{020}^{(00)}m_{003}^{(22)}m_{310}^{(11)} + m_{020}^{(00)}m_{003}^{(22)}m_{220}^{(10)} + m_{020}^{(10)}m_{300}^{(10)}m_{013}^{(22)} - m_{020}^{(10)}m_{300}^{(10)}m_{004}^{(21)}\\
&-m_{020}^{(10)}m_{300}^{(20)}m_{013}^{(21)} + m_{020}^{(10)}m_{300}^{(20)}m_{004}^{(11)} - m_{020}^{(10)}m_{300}^{(21)}m_{112}^{(22)} + m_{020}^{(10)}m_{300}^{(21)}m_{103}^{(21)}\\
&+m_{020}^{(10)}m_{300}^{(22)}m_{112}^{(21)} - m_{020}^{(10)}m_{300}^{(22)}m_{103}^{(11)} + m_{020}^{(10)}m_{210}^{(00)}m_{013}^{(22)} - m_{020}^{(10)}m_{210}^{(00)}m_{004}^{(21)}\\
&-m_{020}^{(10)}m_{210}^{(10)}m_{103}^{(22)} + m_{020}^{(10)}m_{210}^{(10)}m_{004}^{(20)} - m_{020}^{(10)}m_{210}^{(20)}m_{112}^{(22)} + 2m_{020}^{(10)}m_{210}^{(20)}m_{103}^{(21)}\\
&-m_{020}^{(10)}m_{210}^{(20)}m_{013}^{(20)} + m_{020}^{(10)}m_{210}^{(21)}m_{202}^{(22)} - m_{020}^{(10)}m_{210}^{(21)}m_{103}^{(20)} - m_{020}^{(10)}m_{210}^{(22)}m_{202}^{(21)}\\
&+m_{020}^{(10)}m_{210}^{(22)}m_{112}^{(20)} - m_{020}^{(10)}m_{201}^{(00)}m_{022}^{(22)} + m_{020}^{(10)}m_{201}^{(00)}m_{013}^{(21)} - 2m_{020}^{(10)}m_{201}^{(10)}m_{112}^{(22)}\\
&+3m_{020}^{(10)}m_{201}^{(10)}m_{103}^{(21)} - m_{020}^{(10)}m_{201}^{(10)}m_{013}^{(20)} + m_{020}^{(10)}m_{201}^{(20)}m_{121}^{(22)} + m_{020}^{(10)}m_{201}^{(20)}m_{112}^{(21)}\\
&-3m_{020}^{(10)}m_{201}^{(20)}m_{103}^{(11)} + m_{020}^{(10)}m_{201}^{(20)}m_{022}^{(20)} + 2m_{020}^{(10)}m_{201}^{(21)}m_{211}^{(22)} - 3m_{020}^{(10)}m_{201}^{(21)}m_{202}^{(21)}\\
&+m_{020}^{(10)}m_{201}^{(21)}m_{112}^{(20)} - 2m_{020}^{(10)}m_{201}^{(22)}m_{211}^{(21)} + 3m_{020}^{(10)}m_{201}^{(22)}m_{202}^{(11)} - m_{020}^{(10)}m_{201}^{(22)}m_{121}^{(20)}\\
&-m_{020}^{(10)}m_{120}^{(00)}m_{103}^{(22)} + m_{020}^{(10)}m_{120}^{(00)}m_{004}^{(20)} + m_{020}^{(10)}m_{120}^{(20)}m_{202}^{(22)} - m_{020}^{(10)}m_{120}^{(20)}m_{004}^{(00)}\\
&-m_{020}^{(10)}m_{120}^{(22)}m_{202}^{(20)} + m_{020}^{(10)}m_{120}^{(22)}m_{103}^{(00)} + 2m_{020}^{(10)}m_{111}^{(00)}m_{103}^{(21)} - 2m_{020}^{(10)}m_{111}^{(00)}m_{013}^{(20)}\\
&+2m_{020}^{(10)}m_{111}^{(10)}m_{202}^{(22)} - 2m_{020}^{(10)}m_{111}^{(10)}m_{103}^{(20)} - 4m_{020}^{(10)}m_{111}^{(20)}m_{202}^{(21)} + 2m_{020}^{(10)}m_{111}^{(20)}m_{112}^{(20)}
\end{aligned}
$$

$$+2m_{020}^{(10)}m_{111}^{(20)}m_{013}^{(00)} - 2m_{020}^{(10)}m_{111}^{(21)}m_{301}^{(22)} + 2m_{020}^{(10)}m_{111}^{(21)}m_{202}^{(20)} + 2m_{020}^{(10)}m_{111}^{(22)}m_{301}^{(21)}$$
$$-2m_{020}^{(10)}m_{111}^{(22)}m_{112}^{(00)} + m_{020}^{(10)}m_{102}^{(00)}m_{121}^{(22)} - 2m_{020}^{(10)}m_{102}^{(00)}m_{112}^{(21)} + m_{020}^{(10)}m_{102}^{(00)}m_{022}^{(20)}$$
$$+m_{020}^{(10)}m_{102}^{(10)}m_{211}^{(22)} - 3m_{020}^{(10)}m_{102}^{(10)}m_{202}^{(21)} + 2m_{020}^{(10)}m_{102}^{(10)}m_{112}^{(20)} - m_{020}^{(10)}m_{102}^{(20)}m_{220}^{(22)}$$
$$+m_{020}^{(10)}m_{102}^{(20)}m_{211}^{(21)} + 3m_{020}^{(10)}m_{102}^{(20)}m_{202}^{(11)} - 2m_{020}^{(10)}m_{102}^{(20)}m_{121}^{(20)} - m_{020}^{(10)}m_{102}^{(20)}m_{022}^{(00)}$$
$$-m_{020}^{(10)}m_{102}^{(21)}m_{310}^{(22)} + 3m_{020}^{(10)}m_{102}^{(21)}m_{301}^{(21)} - 2m_{020}^{(10)}m_{102}^{(21)}m_{211}^{(20)} + m_{020}^{(10)}m_{102}^{(22)}m_{310}^{(21)}$$
$$-3m_{020}^{(10)}m_{102}^{(22)}m_{301}^{(11)} + m_{020}^{(10)}m_{102}^{(22)}m_{220}^{(20)} + m_{020}^{(10)}m_{102}^{(22)}m_{121}^{(00)} + m_{020}^{(10)}m_{021}^{(00)}m_{202}^{(22)}$$
$$-m_{020}^{(10)}m_{021}^{(00)}m_{103}^{(20)} - m_{020}^{(10)}m_{021}^{(20)}m_{301}^{(22)} + m_{020}^{(10)}m_{021}^{(20)}m_{103}^{(00)} + m_{020}^{(10)}m_{021}^{(22)}m_{301}^{(20)}$$
$$-m_{020}^{(10)}m_{021}^{(22)}m_{202}^{(00)} - m_{020}^{(10)}m_{012}^{(00)}m_{211}^{(22)} - m_{020}^{(10)}m_{012}^{(00)}m_{202}^{(21)} + 2m_{020}^{(10)}m_{012}^{(00)}m_{112}^{(20)}$$
$$-m_{020}^{(10)}m_{012}^{(10)}m_{301}^{(22)} + m_{020}^{(10)}m_{012}^{(10)}m_{202}^{(20)} + m_{020}^{(10)}m_{012}^{(20)}m_{310}^{(22)} + 2m_{020}^{(10)}m_{012}^{(20)}m_{301}^{(21)}$$
$$-m_{020}^{(10)}m_{012}^{(20)}m_{211}^{(20)} - 2m_{020}^{(10)}m_{012}^{(20)}m_{112}^{(00)} + m_{020}^{(10)}m_{012}^{(21)}m_{400}^{(22)} - m_{020}^{(10)}m_{012}^{(21)}m_{301}^{(20)}$$
$$-m_{020}^{(10)}m_{012}^{(22)}m_{400}^{(21)} - m_{020}^{(10)}m_{012}^{(22)}m_{310}^{(20)} + 2m_{020}^{(10)}m_{012}^{(22)}m_{211}^{(00)} + m_{020}^{(10)}m_{003}^{(00)}m_{211}^{(21)}$$
$$-m_{020}^{(10)}m_{003}^{(00)}m_{121}^{(20)} + m_{020}^{(10)}m_{003}^{(10)}m_{301}^{(21)} - m_{020}^{(10)}m_{003}^{(10)}m_{211}^{(20)} - m_{020}^{(10)}m_{003}^{(20)}m_{310}^{(21)}$$
$$-m_{020}^{(10)}m_{003}^{(20)}m_{301}^{(11)} + m_{020}^{(10)}m_{003}^{(20)}m_{220}^{(20)} + m_{020}^{(10)}m_{003}^{(20)}m_{121}^{(00)} - m_{020}^{(10)}m_{003}^{(21)}m_{400}^{(21)}$$
$$+m_{020}^{(10)}m_{003}^{(21)}m_{310}^{(20)} + m_{020}^{(10)}m_{003}^{(22)}m_{400}^{(11)} - m_{020}^{(10)}m_{003}^{(22)}m_{220}^{(00)} - m_{020}^{(11)}m_{300}^{(00)}m_{013}^{(22)}$$
$$+m_{020}^{(11)}m_{300}^{(00)}m_{004}^{(21)} + m_{020}^{(11)}m_{300}^{(20)}m_{112}^{(22)} - m_{020}^{(11)}m_{300}^{(20)}m_{103}^{(21)} + m_{020}^{(11)}m_{300}^{(20)}m_{013}^{(20)}$$
$$-m_{020}^{(11)}m_{300}^{(20)}m_{004}^{(10)} - m_{020}^{(11)}m_{300}^{(22)}m_{112}^{(20)} + m_{020}^{(11)}m_{300}^{(22)}m_{103}^{(10)} + m_{020}^{(11)}m_{210}^{(00)}m_{103}^{(22)}$$
$$-m_{020}^{(11)}m_{210}^{(00)}m_{004}^{(20)} - m_{020}^{(11)}m_{210}^{(20)}m_{202}^{(22)} + m_{020}^{(11)}m_{210}^{(20)}m_{004}^{(00)} + m_{020}^{(11)}m_{210}^{(22)}m_{202}^{(20)}$$
$$-m_{020}^{(11)}m_{210}^{(22)}m_{103}^{(00)} + 2m_{020}^{(11)}m_{201}^{(00)}m_{112}^{(22)} - 3m_{020}^{(11)}m_{201}^{(00)}m_{103}^{(21)} + m_{020}^{(11)}m_{201}^{(00)}m_{013}^{(20)}$$
$$-2m_{020}^{(11)}m_{201}^{(20)}m_{211}^{(22)} + 3m_{020}^{(11)}m_{201}^{(20)}m_{202}^{(21)} - 3m_{020}^{(11)}m_{201}^{(20)}m_{112}^{(20)} + 3m_{020}^{(11)}m_{201}^{(20)}m_{103}^{(10)}$$
$$-m_{020}^{(11)}m_{201}^{(20)}m_{013}^{(00)} + 2m_{020}^{(11)}m_{201}^{(22)}m_{211}^{(20)} - 3m_{020}^{(11)}m_{201}^{(22)}m_{202}^{(10)} + m_{020}^{(11)}m_{201}^{(22)}m_{112}^{(00)}$$
$$-2m_{020}^{(11)}m_{111}^{(00)}m_{202}^{(22)} + 2m_{020}^{(11)}m_{111}^{(00)}m_{103}^{(20)} + 2m_{020}^{(11)}m_{111}^{(20)}m_{301}^{(22)} - 2m_{020}^{(11)}m_{111}^{(20)}m_{103}^{(00)}$$
$$-2m_{020}^{(11)}m_{111}^{(22)}m_{301}^{(20)} + 2m_{020}^{(11)}m_{111}^{(22)}m_{202}^{(00)} - m_{020}^{(11)}m_{102}^{(00)}m_{211}^{(22)} + 3m_{020}^{(11)}m_{102}^{(00)}m_{202}^{(21)}$$
$$-2m_{020}^{(11)}m_{102}^{(00)}m_{112}^{(20)} + m_{020}^{(11)}m_{102}^{(20)}m_{310}^{(22)} - 3m_{020}^{(11)}m_{102}^{(20)}m_{301}^{(21)} + 3m_{020}^{(11)}m_{102}^{(20)}m_{211}^{(20)}$$
$$-3m_{020}^{(11)}m_{102}^{(20)}m_{202}^{(10)} + 2m_{020}^{(11)}m_{102}^{(20)}m_{112}^{(00)} - m_{020}^{(11)}m_{102}^{(22)}m_{310}^{(20)} + 3m_{020}^{(11)}m_{102}^{(22)}m_{301}^{(10)}$$
$$-2m_{020}^{(11)}m_{102}^{(22)}m_{211}^{(00)} + m_{020}^{(11)}m_{012}^{(00)}m_{301}^{(22)} - m_{020}^{(11)}m_{012}^{(00)}m_{202}^{(20)} - m_{020}^{(11)}m_{012}^{(20)}m_{400}^{(22)}$$
$$+m_{020}^{(11)}m_{012}^{(20)}m_{202}^{(00)} + m_{020}^{(11)}m_{012}^{(22)}m_{400}^{(20)} - m_{020}^{(11)}m_{012}^{(22)}m_{301}^{(00)} - m_{020}^{(11)}m_{003}^{(00)}m_{301}^{(21)}$$
$$+m_{020}^{(11)}m_{003}^{(00)}m_{211}^{(20)} + m_{020}^{(11)}m_{003}^{(20)}m_{400}^{(21)} - m_{020}^{(11)}m_{003}^{(20)}m_{310}^{(20)} + m_{020}^{(11)}m_{003}^{(20)}m_{301}^{(10)}$$
$$-m_{020}^{(11)}m_{003}^{(20)}m_{211}^{(00)} - m_{020}^{(11)}m_{003}^{(22)}m_{400}^{(10)} + m_{020}^{(11)}m_{003}^{(22)}m_{310}^{(00)} - m_{020}^{(20)}m_{300}^{(10)}m_{022}^{(22)}$$
$$+m_{020}^{(20)}m_{300}^{(10)}m_{013}^{(21)} + m_{020}^{(20)}m_{300}^{(20)}m_{022}^{(21)} - m_{020}^{(20)}m_{300}^{(20)}m_{013}^{(11)} + m_{020}^{(20)}m_{300}^{(21)}m_{121}^{(22)}$$
$$-m_{020}^{(20)}m_{300}^{(21)}m_{112}^{(21)} - m_{020}^{(20)}m_{300}^{(22)}m_{121}^{(21)} + m_{020}^{(20)}m_{300}^{(22)}m_{112}^{(11)} - m_{020}^{(20)}m_{300}^{(00)}m_{210}^{(21)}m_{013}^{(21)}$$
$$+m_{020}^{(20)}m_{210}^{(00)}m_{004}^{(11)} + 2m_{020}^{(20)}m_{210}^{(10)}m_{112}^{(22)} - m_{020}^{(20)}m_{210}^{(10)}m_{103}^{(21)} - m_{020}^{(20)}m_{210}^{(10)}m_{004}^{(10)}$$
$$-m_{020}^{(20)}m_{210}^{(20)}m_{112}^{(21)} + m_{020}^{(20)}m_{210}^{(20)}m_{013}^{(10)} - 2m_{020}^{(20)}m_{210}^{(21)}m_{211}^{(22)} + m_{020}^{(20)}m_{210}^{(21)}m_{202}^{(21)}$$
$$+m_{020}^{(20)}m_{210}^{(21)}m_{103}^{(10)} + 2m_{020}^{(20)}m_{210}^{(22)}m_{211}^{(21)} - m_{020}^{(20)}m_{210}^{(22)}m_{202}^{(11)} - m_{020}^{(20)}m_{210}^{(22)}m_{112}^{(10)}$$
$$+m_{020}^{(20)}m_{201}^{(00)}m_{022}^{(21)} - m_{020}^{(20)}m_{201}^{(00)}m_{013}^{(11)} + m_{020}^{(20)}m_{201}^{(10)}m_{121}^{(22)} - 2m_{020}^{(20)}m_{201}^{(10)}m_{112}^{(21)}$$
$$+m_{020}^{(20)}m_{201}^{(10)}m_{013}^{(10)} - 2m_{020}^{(20)}m_{201}^{(20)}m_{121}^{(21)} + 3m_{020}^{(20)}m_{201}^{(20)}m_{112}^{(11)} - m_{020}^{(20)}m_{201}^{(20)}m_{022}^{(10)}$$
$$-m_{020}^{(20)}m_{201}^{(21)}m_{220}^{(22)} + 2m_{020}^{(20)}m_{201}^{(21)}m_{211}^{(21)} - m_{020}^{(20)}m_{201}^{(21)}m_{112}^{(10)} + m_{020}^{(20)}m_{201}^{(22)}m_{220}^{(21)}$$
$$-2m_{020}^{(20)}m_{201}^{(22)}m_{211}^{(11)} + m_{020}^{(20)}m_{201}^{(22)}m_{121}^{(10)} + m_{020}^{(20)}m_{120}^{(00)}m_{103}^{(21)} - m_{020}^{(20)}m_{120}^{(00)}m_{004}^{(10)}$$
$$-m_{020}^{(20)}m_{120}^{(10)}m_{202}^{(22)} + m_{020}^{(20)}m_{120}^{(10)}m_{004}^{(00)} + m_{020}^{(20)}m_{120}^{(21)}m_{301}^{(22)} - m_{020}^{(20)}m_{120}^{(21)}m_{103}^{(00)}$$

$$
\begin{aligned}
&-m_{020}^{(20)}m_{120}^{(22)}m_{301}^{(21)}+m_{020}^{(20)}m_{120}^{(22)}m_{202}^{(10)}-2m_{020}^{(20)}m_{111}^{(00)}m_{103}^{(11)}+2m_{020}^{(20)}m_{111}^{(00)}m_{013}^{(10)}\\
&-2m_{020}^{(20)}m_{111}^{(10)}m_{211}^{(22)}+2m_{020}^{(20)}m_{111}^{(10)}m_{202}^{(21)}+2m_{020}^{(20)}m_{111}^{(10)}m_{103}^{(10)}-2m_{020}^{(20)}m_{111}^{(10)}m_{013}^{(00)}\\
&+2m_{020}^{(20)}m_{111}^{(20)}m_{211}^{(21)}-2m_{020}^{(20)}m_{111}^{(20)}m_{112}^{(10)}+2m_{020}^{(20)}m_{111}^{(21)}m_{310}^{(22)}-2m_{020}^{(20)}m_{111}^{(21)}m_{301}^{(21)}\\
&-2m_{020}^{(20)}m_{111}^{(21)}m_{202}^{(10)}+2m_{020}^{(20)}m_{111}^{(21)}m_{112}^{(00)}-2m_{020}^{(20)}m_{111}^{(22)}m_{310}^{(21)}+2m_{020}^{(20)}m_{111}^{(22)}m_{301}^{(11)}\\
&-m_{020}^{(20)}m_{102}^{(00)}m_{121}^{(21)}+2m_{020}^{(20)}m_{102}^{(00)}m_{112}^{(11)}-m_{020}^{(20)}m_{102}^{(00)}m_{022}^{(10)}+m_{020}^{(20)}m_{102}^{(10)}m_{211}^{(21)}\\
&-2m_{020}^{(20)}m_{102}^{(10)}m_{112}^{(10)}+m_{020}^{(20)}m_{102}^{(10)}m_{022}^{(00)}+m_{020}^{(20)}m_{102}^{(20)}m_{220}^{(21)}-3m_{020}^{(20)}m_{102}^{(20)}m_{211}^{(11)}\\
&+2m_{020}^{(20)}m_{102}^{(20)}m_{121}^{(10)}-m_{020}^{(20)}m_{102}^{(21)}m_{310}^{(21)}+2m_{020}^{(20)}m_{102}^{(21)}m_{211}^{(10)}-m_{020}^{(20)}m_{102}^{(21)}m_{121}^{(00)}\\
&+m_{020}^{(20)}m_{102}^{(22)}m_{310}^{(11)}-m_{020}^{(20)}m_{102}^{(22)}m_{220}^{(10)}-m_{020}^{(20)}m_{021}^{(00)}m_{202}^{(21)}+m_{020}^{(20)}m_{021}^{(00)}m_{103}^{(10)}\\
&+m_{020}^{(20)}m_{021}^{(10)}m_{301}^{(22)}-m_{020}^{(20)}m_{021}^{(10)}m_{103}^{(00)}-m_{020}^{(20)}m_{021}^{(21)}m_{400}^{(22)}+m_{020}^{(20)}m_{021}^{(21)}m_{202}^{(00)}\\
&+m_{020}^{(20)}m_{021}^{(22)}m_{400}^{(21)}-m_{020}^{(20)}m_{021}^{(22)}m_{301}^{(10)}+m_{020}^{(20)}m_{012}^{(00)}m_{211}^{(21)}+m_{020}^{(20)}m_{012}^{(00)}m_{202}^{(11)}\\
&-2m_{020}^{(20)}m_{012}^{(00)}m_{112}^{(10)}-m_{020}^{(20)}m_{012}^{(10)}m_{301}^{(21)}-m_{020}^{(20)}m_{012}^{(10)}m_{202}^{(10)}+2m_{020}^{(20)}m_{012}^{(10)}m_{112}^{(00)}\\
&-m_{020}^{(20)}m_{012}^{(20)}m_{310}^{(21)}+m_{020}^{(20)}m_{012}^{(20)}m_{211}^{(10)}+m_{020}^{(20)}m_{012}^{(21)}m_{400}^{(21)}+m_{020}^{(20)}m_{012}^{(21)}m_{301}^{(10)}\\
&-2m_{020}^{(20)}m_{012}^{(21)}m_{211}^{(00)}-m_{020}^{(20)}m_{012}^{(22)}m_{400}^{(11)}+m_{020}^{(20)}m_{012}^{(22)}m_{310}^{(10)}-m_{020}^{(20)}m_{003}^{(00)}m_{211}^{(11)}\\
&+m_{020}^{(20)}m_{003}^{(00)}m_{121}^{(10)}+m_{020}^{(20)}m_{003}^{(10)}m_{211}^{(10)}-m_{020}^{(20)}m_{003}^{(10)}m_{121}^{(00)}+m_{020}^{(20)}m_{003}^{(20)}m_{310}^{(11)}\\
&-m_{020}^{(20)}m_{003}^{(20)}m_{220}^{(10)}-m_{020}^{(20)}m_{003}^{(21)}m_{310}^{(10)}+m_{020}^{(20)}m_{003}^{(21)}m_{220}^{(00)}+m_{020}^{(21)}m_{300}^{(00)}m_{022}^{(22)}\\
&-m_{020}^{(21)}m_{300}^{(00)}m_{004}^{(11)}-m_{020}^{(21)}m_{300}^{(10)}m_{013}^{(20)}+m_{020}^{(21)}m_{300}^{(10)}m_{004}^{(10)}-m_{020}^{(21)}m_{300}^{(20)}m_{121}^{(22)}\\
&+m_{020}^{(21)}m_{300}^{(20)}m_{103}^{(11)}-m_{020}^{(21)}m_{300}^{(20)}m_{022}^{(20)}+m_{020}^{(21)}m_{300}^{(20)}m_{013}^{(10)}+m_{020}^{(21)}m_{300}^{(21)}m_{112}^{(20)}\\
&-m_{020}^{(21)}m_{300}^{(21)}m_{103}^{(10)}+m_{020}^{(21)}m_{300}^{(22)}m_{121}^{(20)}-m_{020}^{(21)}m_{300}^{(22)}m_{112}^{(10)}-2m_{020}^{(21)}m_{210}^{(00)}m_{112}^{(22)}\\
&+m_{020}^{(21)}m_{210}^{(00)}m_{013}^{(20)}+m_{020}^{(21)}m_{210}^{(00)}m_{004}^{(10)}+m_{020}^{(21)}m_{210}^{(10)}m_{103}^{(20)}-m_{020}^{(21)}m_{210}^{(10)}m_{004}^{(00)}\\
&+2m_{020}^{(21)}m_{210}^{(20)}m_{211}^{(22)}+m_{020}^{(21)}m_{210}^{(20)}m_{112}^{(20)}-2m_{020}^{(21)}m_{210}^{(20)}m_{103}^{(10)}-m_{020}^{(21)}m_{210}^{(20)}m_{013}^{(00)}\\
&-m_{020}^{(21)}m_{210}^{(21)}m_{202}^{(20)}+m_{020}^{(21)}m_{210}^{(21)}m_{103}^{(00)}-2m_{020}^{(21)}m_{210}^{(22)}m_{211}^{(20)}+m_{020}^{(21)}m_{210}^{(22)}m_{202}^{(10)}\\
&+m_{020}^{(21)}m_{210}^{(22)}m_{112}^{(00)}-m_{020}^{(21)}m_{201}^{(00)}m_{121}^{(22)}+3m_{020}^{(21)}m_{201}^{(00)}m_{103}^{(11)}-m_{020}^{(21)}m_{201}^{(00)}m_{022}^{(20)}\\
&-m_{020}^{(21)}m_{201}^{(00)}m_{013}^{(10)}+2m_{020}^{(21)}m_{201}^{(10)}m_{112}^{(20)}-3m_{020}^{(21)}m_{201}^{(10)}m_{103}^{(10)}+m_{020}^{(21)}m_{201}^{(10)}m_{013}^{(00)}\\
&+m_{020}^{(21)}m_{201}^{(20)}m_{220}^{(22)}-3m_{020}^{(21)}m_{201}^{(20)}m_{202}^{(11)}+2m_{020}^{(21)}m_{201}^{(20)}m_{121}^{(20)}-m_{020}^{(21)}m_{201}^{(20)}m_{112}^{(10)}\\
&+m_{020}^{(21)}m_{201}^{(20)}m_{022}^{(00)}-2m_{020}^{(21)}m_{201}^{(21)}m_{211}^{(20)}+3m_{020}^{(21)}m_{201}^{(21)}m_{202}^{(10)}-m_{020}^{(21)}m_{201}^{(21)}m_{112}^{(00)}\\
&-m_{020}^{(21)}m_{201}^{(22)}m_{220}^{(20)}+2m_{020}^{(21)}m_{201}^{(22)}m_{211}^{(10)}-m_{020}^{(21)}m_{201}^{(22)}m_{121}^{(00)}+m_{020}^{(21)}m_{120}^{(00)}m_{202}^{(22)}\\
&-m_{020}^{(21)}m_{120}^{(00)}m_{103}^{(20)}-m_{020}^{(21)}m_{120}^{(20)}m_{301}^{(22)}+m_{020}^{(21)}m_{120}^{(20)}m_{103}^{(00)}+m_{020}^{(21)}m_{120}^{(22)}m_{301}^{(20)}\\
&-m_{020}^{(21)}m_{120}^{(22)}m_{202}^{(00)}+2m_{020}^{(21)}m_{111}^{(00)}m_{211}^{(22)}-2m_{020}^{(21)}m_{111}^{(00)}m_{103}^{(10)}-2m_{020}^{(21)}m_{111}^{(10)}m_{202}^{(20)}\\
&+2m_{020}^{(21)}m_{111}^{(10)}m_{103}^{(00)}-2m_{020}^{(21)}m_{111}^{(20)}m_{310}^{(22)}-2m_{020}^{(21)}m_{111}^{(20)}m_{211}^{(20)}+4m_{020}^{(21)}m_{111}^{(20)}m_{202}^{(10)}\\
&+2m_{020}^{(21)}m_{111}^{(21)}m_{301}^{(20)}-2m_{020}^{(21)}m_{111}^{(21)}m_{202}^{(00)}+2m_{020}^{(21)}m_{111}^{(22)}m_{310}^{(20)}-2m_{020}^{(21)}m_{111}^{(22)}m_{301}^{(10)}\\
&-3m_{020}^{(21)}m_{102}^{(00)}m_{202}^{(11)}+m_{020}^{(21)}m_{102}^{(00)}m_{121}^{(20)}+2m_{020}^{(21)}m_{102}^{(00)}m_{112}^{(10)}-m_{020}^{(21)}m_{102}^{(10)}m_{211}^{(20)}\\
&+3m_{020}^{(21)}m_{102}^{(10)}m_{202}^{(10)}-2m_{020}^{(21)}m_{102}^{(10)}m_{112}^{(00)}+3m_{020}^{(21)}m_{102}^{(20)}m_{301}^{(11)}-m_{020}^{(21)}m_{102}^{(20)}m_{220}^{(20)}\\
&-m_{020}^{(21)}m_{102}^{(20)}m_{211}^{(10)}-m_{020}^{(21)}m_{102}^{(20)}m_{121}^{(00)}+m_{020}^{(21)}m_{102}^{(21)}m_{310}^{(20)}-3m_{020}^{(21)}m_{102}^{(21)}m_{301}^{(10)}\\
&+2m_{020}^{(21)}m_{102}^{(21)}m_{211}^{(00)}-m_{020}^{(21)}m_{102}^{(22)}m_{310}^{(10)}+m_{020}^{(21)}m_{102}^{(22)}m_{220}^{(00)}-m_{020}^{(21)}m_{021}^{(00)}m_{301}^{(22)}\\
&+m_{020}^{(21)}m_{021}^{(00)}m_{202}^{(20)}+m_{020}^{(21)}m_{021}^{(20)}m_{400}^{(22)}-m_{020}^{(21)}m_{021}^{(20)}m_{202}^{(00)}-m_{020}^{(21)}m_{021}^{(22)}m_{400}^{(20)}\\
&+m_{020}^{(21)}m_{021}^{(22)}m_{301}^{(00)}-m_{020}^{(21)}m_{012}^{(00)}m_{211}^{(20)}+m_{020}^{(21)}m_{012}^{(00)}m_{202}^{(10)}+m_{020}^{(21)}m_{012}^{(10)}m_{301}^{(20)}\\
&-m_{020}^{(21)}m_{012}^{(10)}m_{202}^{(00)}+m_{020}^{(21)}m_{012}^{(20)}m_{310}^{(20)}-2m_{020}^{(21)}m_{012}^{(20)}m_{301}^{(10)}+m_{020}^{(21)}m_{012}^{(20)}m_{211}^{(00)}\\
&-m_{020}^{(21)}m_{012}^{(21)}m_{400}^{(20)}+m_{020}^{(21)}m_{012}^{(21)}m_{301}^{(00)}+m_{020}^{(21)}m_{012}^{(22)}m_{400}^{(10)}-m_{020}^{(21)}m_{012}^{(22)}m_{310}^{(00)}
\end{aligned}
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\begin{aligned}
&+m_{020}^{(21)}m_{003}^{(00)}m_{301}^{(11)} - m_{020}^{(21)}m_{003}^{(00)}m_{211}^{(10)} - m_{020}^{(21)}m_{003}^{(10)}m_{301}^{(10)} + m_{020}^{(21)}m_{003}^{(10)}m_{211}^{(00)}\\
&-m_{020}^{(21)}m_{003}^{(20)}m_{400}^{(11)} + m_{020}^{(21)}m_{003}^{(20)}m_{310}^{(10)} + m_{020}^{(21)}m_{003}^{(21)}m_{400}^{(10)} - m_{020}^{(21)}m_{003}^{(21)}m_{310}^{(00)}\\
&-m_{020}^{(22)}m_{300}^{(00)}m_{022}^{(21)} + m_{020}^{(22)}m_{300}^{(00)}m_{013}^{(11)} + m_{020}^{(22)}m_{300}^{(10)}m_{022}^{(20)} - m_{020}^{(22)}m_{300}^{(10)}m_{013}^{(10)}\\
&+m_{020}^{(22)}m_{300}^{(20)}m_{121}^{(21)} - m_{020}^{(22)}m_{300}^{(20)}m_{112}^{(11)} - m_{020}^{(22)}m_{300}^{(21)}m_{121}^{(20)} + m_{020}^{(22)}m_{300}^{(21)}m_{112}^{(10)}\\
&+2m_{020}^{(22)}m_{210}^{(00)}m_{112}^{(21)} - m_{020}^{(22)}m_{210}^{(00)}m_{103}^{(11)} - m_{020}^{(22)}m_{210}^{(00)}m_{013}^{(10)} - 2m_{020}^{(22)}m_{210}^{(10)}m_{112}^{(20)}\\
&+m_{020}^{(22)}m_{210}^{(10)}m_{103}^{(10)} + m_{020}^{(22)}m_{210}^{(10)}m_{013}^{(00)} - 2m_{020}^{(22)}m_{210}^{(20)}m_{211}^{(21)} + m_{020}^{(22)}m_{210}^{(20)}m_{202}^{(11)}\\
&+m_{020}^{(22)}m_{210}^{(20)}m_{112}^{(10)} + 2m_{020}^{(22)}m_{210}^{(21)}m_{211}^{(20)} - m_{020}^{(22)}m_{210}^{(21)}m_{202}^{(10)} - m_{020}^{(22)}m_{210}^{(21)}m_{112}^{(00)}\\
&+m_{020}^{(22)}m_{201}^{(00)}m_{121}^{(21)} - 2m_{020}^{(22)}m_{201}^{(00)}m_{112}^{(11)} + m_{020}^{(22)}m_{201}^{(00)}m_{022}^{(10)} - m_{020}^{(22)}m_{201}^{(10)}m_{121}^{(20)}\\
&+2m_{020}^{(22)}m_{201}^{(10)}m_{112}^{(10)} - m_{020}^{(22)}m_{201}^{(10)}m_{022}^{(00)} - m_{020}^{(22)}m_{201}^{(20)}m_{220}^{(21)} + 2m_{020}^{(22)}m_{201}^{(20)}m_{211}^{(11)}\\
&-m_{020}^{(22)}m_{201}^{(20)}m_{121}^{(10)} + m_{020}^{(22)}m_{201}^{(21)}m_{220}^{(20)} - 2m_{020}^{(22)}m_{201}^{(21)}m_{211}^{(10)} + m_{020}^{(22)}m_{201}^{(21)}m_{121}^{(00)}\\
&-m_{020}^{(22)}m_{120}^{(00)}m_{202}^{(21)} + m_{020}^{(22)}m_{120}^{(00)}m_{103}^{(10)} + m_{020}^{(22)}m_{120}^{(10)}m_{202}^{(20)} - m_{020}^{(22)}m_{120}^{(10)}m_{103}^{(00)}\\
&+m_{020}^{(22)}m_{120}^{(20)}m_{301}^{(21)} - m_{020}^{(22)}m_{120}^{(20)}m_{202}^{(10)} - m_{020}^{(22)}m_{120}^{(21)}m_{301}^{(20)} + m_{020}^{(22)}m_{120}^{(21)}m_{202}^{(00)}\\
&-2m_{020}^{(22)}m_{111}^{(00)}m_{211}^{(21)} + 2m_{020}^{(22)}m_{111}^{(00)}m_{202}^{(11)} + 2m_{020}^{(22)}m_{111}^{(10)}m_{211}^{(20)} - 2m_{020}^{(22)}m_{111}^{(10)}m_{202}^{(10)}\\
&+2m_{020}^{(22)}m_{111}^{(20)}m_{310}^{(21)} - 2m_{020}^{(22)}m_{111}^{(20)}m_{301}^{(11)} - 2m_{020}^{(22)}m_{111}^{(21)}m_{310}^{(20)} + 2m_{020}^{(22)}m_{111}^{(21)}m_{301}^{(10)}\\
&+m_{020}^{(22)}m_{102}^{(00)}m_{211}^{(11)} - m_{020}^{(22)}m_{102}^{(00)}m_{121}^{(10)} - m_{020}^{(22)}m_{102}^{(10)}m_{211}^{(10)} + m_{020}^{(22)}m_{102}^{(10)}m_{121}^{(00)}\\
&-m_{020}^{(22)}m_{102}^{(20)}m_{310}^{(11)} + m_{020}^{(22)}m_{102}^{(20)}m_{220}^{(10)} + m_{020}^{(22)}m_{102}^{(21)}m_{310}^{(10)} - m_{020}^{(22)}m_{102}^{(21)}m_{220}^{(00)}\\
&+m_{020}^{(22)}m_{021}^{(00)}m_{301}^{(21)} - m_{020}^{(22)}m_{021}^{(00)}m_{202}^{(10)} - m_{020}^{(22)}m_{021}^{(10)}m_{301}^{(20)} + m_{020}^{(22)}m_{021}^{(10)}m_{202}^{(00)}\\
&-m_{020}^{(22)}m_{021}^{(20)}m_{400}^{(21)} + m_{020}^{(22)}m_{021}^{(20)}m_{301}^{(10)} + m_{020}^{(22)}m_{021}^{(21)}m_{400}^{(20)} - m_{020}^{(22)}m_{021}^{(21)}m_{301}^{(00)}\\
&-m_{020}^{(22)}m_{012}^{(00)}m_{301}^{(11)} + m_{020}^{(22)}m_{012}^{(00)}m_{211}^{(10)} + m_{020}^{(22)}m_{012}^{(10)}m_{301}^{(10)} - m_{020}^{(22)}m_{012}^{(10)}m_{211}^{(00)}\\
&+m_{020}^{(22)}m_{012}^{(20)}m_{400}^{(11)} - m_{020}^{(22)}m_{012}^{(20)}m_{310}^{(10)} - m_{020}^{(22)}m_{012}^{(21)}m_{400}^{(10)} + m_{020}^{(22)}m_{012}^{(21)}m_{310}^{(00)}\\
&+2m_{011}^{(00)}m_{210}^{(10)}m_{022}^{(22)} - 2m_{011}^{(00)}m_{210}^{(10)}m_{013}^{(21)} - m_{011}^{(00)}m_{210}^{(11)}m_{112}^{(22)} + m_{011}^{(00)}m_{210}^{(11)}m_{103}^{(21)}\\
&-2m_{011}^{(00)}m_{210}^{(20)}m_{022}^{(21)} + 2m_{011}^{(00)}m_{210}^{(20)}m_{013}^{(11)} - m_{011}^{(00)}m_{210}^{(21)}m_{121}^{(22)} + 2m_{011}^{(00)}m_{210}^{(21)}m_{112}^{(21)}\\
&-m_{011}^{(00)}m_{210}^{(21)}m_{103}^{(11)} + m_{011}^{(00)}m_{210}^{(22)}m_{121}^{(21)} - m_{011}^{(00)}m_{210}^{(22)}m_{112}^{(11)} - 2m_{011}^{(00)}m_{201}^{(10)}m_{031}^{(22)}\\
&+2m_{011}^{(00)}m_{201}^{(10)}m_{022}^{(21)} + m_{011}^{(00)}m_{201}^{(11)}m_{121}^{(22)} - m_{011}^{(00)}m_{201}^{(11)}m_{112}^{(21)} + 2m_{011}^{(00)}m_{201}^{(20)}m_{031}^{(21)}\\
&-2m_{011}^{(00)}m_{201}^{(20)}m_{022}^{(11)} + m_{011}^{(00)}m_{201}^{(21)}m_{130}^{(22)} - 2m_{011}^{(00)}m_{201}^{(21)}m_{121}^{(21)} + m_{011}^{(00)}m_{201}^{(21)}m_{112}^{(11)}\\
&-m_{011}^{(00)}m_{201}^{(22)}m_{130}^{(21)} + m_{011}^{(00)}m_{201}^{(22)}m_{121}^{(11)} - 3m_{011}^{(00)}m_{120}^{(10)}m_{112}^{(22)} + m_{011}^{(00)}m_{120}^{(10)}m_{103}^{(21)}\\
&+2m_{011}^{(00)}m_{120}^{(10)}m_{013}^{(20)} + m_{011}^{(00)}m_{120}^{(11)}m_{202}^{(22)} - m_{011}^{(00)}m_{120}^{(11)}m_{103}^{(20)} + 3m_{011}^{(00)}m_{120}^{(20)}m_{112}^{(21)}\\
&-m_{011}^{(00)}m_{120}^{(20)}m_{103}^{(11)} - 2m_{011}^{(00)}m_{120}^{(20)}m_{013}^{(10)} + 2m_{011}^{(00)}m_{120}^{(21)}m_{211}^{(22)} - 2m_{011}^{(00)}m_{120}^{(21)}m_{202}^{(21)}\\
&-m_{011}^{(00)}m_{120}^{(21)}m_{112}^{(20)} + m_{011}^{(00)}m_{120}^{(21)}m_{103}^{(10)} - 2m_{011}^{(00)}m_{120}^{(22)}m_{211}^{(21)} + m_{011}^{(00)}m_{120}^{(22)}m_{202}^{(11)}\\
&+m_{011}^{(00)}m_{120}^{(22)}m_{112}^{(10)} + 2m_{011}^{(00)}m_{111}^{(10)}m_{121}^{(22)} + 2m_{011}^{(00)}m_{111}^{(10)}m_{112}^{(21)} - 4m_{011}^{(00)}m_{111}^{(10)}m_{022}^{(20)}\\
&-2m_{011}^{(00)}m_{111}^{(11)}m_{202}^{(21)} + 2m_{011}^{(00)}m_{111}^{(11)}m_{112}^{(20)} - 2m_{011}^{(00)}m_{111}^{(20)}m_{121}^{(21)} - 2m_{011}^{(00)}m_{111}^{(20)}m_{112}^{(11)}\\
&+4m_{011}^{(00)}m_{111}^{(20)}m_{022}^{(10)} - 2m_{011}^{(00)}m_{111}^{(21)}m_{220}^{(22)} + 2m_{011}^{(00)}m_{111}^{(21)}m_{202}^{(11)} + 2m_{011}^{(00)}m_{111}^{(21)}m_{121}^{(20)}\\
&-2m_{011}^{(00)}m_{111}^{(21)}m_{112}^{(10)} + 2m_{011}^{(00)}m_{111}^{(22)}m_{220}^{(21)} - 2m_{011}^{(00)}m_{111}^{(22)}m_{121}^{(10)} + m_{011}^{(00)}m_{102}^{(10)}m_{130}^{(22)}\\
&-3m_{011}^{(00)}m_{102}^{(10)}m_{121}^{(21)} + 2m_{011}^{(00)}m_{102}^{(10)}m_{031}^{(20)} - m_{011}^{(00)}m_{102}^{(11)}m_{220}^{(22)} + 2m_{011}^{(00)}m_{102}^{(11)}m_{211}^{(21)}\\
&-m_{011}^{(00)}m_{102}^{(11)}m_{121}^{(20)} - m_{011}^{(00)}m_{102}^{(20)}m_{130}^{(21)} + 3m_{011}^{(00)}m_{102}^{(20)}m_{121}^{(11)} - 2m_{011}^{(00)}m_{102}^{(20)}m_{031}^{(10)}\\
&+2m_{011}^{(00)}m_{102}^{(21)}m_{220}^{(21)} - 2m_{011}^{(00)}m_{102}^{(21)}m_{211}^{(11)} - m_{011}^{(00)}m_{102}^{(21)}m_{130}^{(20)} + m_{011}^{(00)}m_{102}^{(21)}m_{121}^{(10)}\\
&-m_{011}^{(00)}m_{102}^{(22)}m_{220}^{(11)} + m_{011}^{(00)}m_{102}^{(22)}m_{130}^{(10)} + m_{011}^{(00)}m_{030}^{(10)}m_{202}^{(22)} - m_{011}^{(00)}m_{030}^{(10)}m_{103}^{(20)}\\
&-m_{011}^{(00)}m_{030}^{(20)}m_{202}^{(21)} + m_{011}^{(00)}m_{030}^{(20)}m_{103}^{(10)} - m_{011}^{(00)}m_{030}^{(21)}m_{301}^{(22)} + m_{011}^{(00)}m_{030}^{(21)}m_{202}^{(20)}
\end{aligned}
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\begin{aligned}
&+m_{011}^{(00)}m_{030}^{(22)}m_{301}^{(21)} - m_{011}^{(00)}m_{030}^{(22)}m_{202}^{(10)} - m_{011}^{(00)}m_{021}^{(10)}m_{202}^{(21)} + m_{011}^{(00)}m_{021}^{(10)}m_{112}^{(20)}\\
&-m_{011}^{(00)}m_{021}^{(11)}m_{301}^{(22)} + m_{011}^{(00)}m_{021}^{(11)}m_{202}^{(20)} + m_{011}^{(00)}m_{021}^{(20)}m_{202}^{(11)} - m_{011}^{(00)}m_{021}^{(20)}m_{112}^{(10)}\\
&+m_{011}^{(00)}m_{021}^{(21)}m_{310}^{(22)} + 2m_{011}^{(00)}m_{021}^{(21)}m_{301}^{(21)} - 2m_{011}^{(00)}m_{021}^{(21)}m_{211}^{(20)} - m_{011}^{(00)}m_{021}^{(21)}m_{202}^{(10)}\\
&-m_{011}^{(00)}m_{021}^{(22)}m_{310}^{(21)} - m_{011}^{(00)}m_{021}^{(22)}m_{301}^{(11)} + 2m_{011}^{(00)}m_{021}^{(22)}m_{211}^{(10)} - m_{011}^{(00)}m_{012}^{(10)}m_{220}^{(22)}\\
&+m_{011}^{(00)}m_{012}^{(10)}m_{121}^{(20)} + m_{011}^{(00)}m_{012}^{(11)}m_{310}^{(22)} + m_{011}^{(00)}m_{012}^{(11)}m_{301}^{(21)} - 2m_{011}^{(00)}m_{012}^{(11)}m_{211}^{(20)}\\
&+m_{011}^{(00)}m_{012}^{(20)}m_{220}^{(21)} - m_{011}^{(00)}m_{012}^{(20)}m_{121}^{(10)} - 2m_{011}^{(00)}m_{012}^{(21)}m_{310}^{(21)} - m_{011}^{(00)}m_{012}^{(21)}m_{301}^{(11)}\\
&+m_{011}^{(00)}m_{012}^{(21)}m_{220}^{(20)} + 2m_{011}^{(00)}m_{012}^{(21)}m_{211}^{(10)} + m_{011}^{(00)}m_{012}^{(22)}m_{310}^{(11)} - m_{011}^{(00)}m_{012}^{(22)}m_{220}^{(10)}\\
&+m_{011}^{(00)}m_{003}^{(10)}m_{220}^{(21)} - m_{011}^{(00)}m_{003}^{(10)}m_{130}^{(20)} - m_{011}^{(00)}m_{003}^{(11)}m_{310}^{(21)} + m_{011}^{(00)}m_{003}^{(11)}m_{220}^{(20)}\\
&-m_{011}^{(00)}m_{003}^{(20)}m_{220}^{(11)} + m_{011}^{(00)}m_{003}^{(20)}m_{130}^{(10)} + m_{011}^{(00)}m_{003}^{(21)}m_{310}^{(11)} - m_{011}^{(00)}m_{003}^{(21)}m_{220}^{(10)}\\
&-2m_{011}^{(10)}m_{300}^{(10)}m_{022}^{(22)} + 2m_{011}^{(10)}m_{300}^{(10)}m_{013}^{(21)} + m_{011}^{(10)}m_{300}^{(11)}m_{112}^{(22)} - m_{011}^{(10)}m_{300}^{(11)}m_{103}^{(21)}\\
&+2m_{011}^{(10)}m_{300}^{(20)}m_{022}^{(21)} - 2m_{011}^{(10)}m_{300}^{(20)}m_{013}^{(11)} + m_{011}^{(10)}m_{300}^{(21)}m_{121}^{(22)} - 2m_{011}^{(10)}m_{300}^{(21)}m_{112}^{(21)}\\
&+m_{011}^{(10)}m_{300}^{(21)}m_{103}^{(11)} - m_{011}^{(10)}m_{300}^{(22)}m_{121}^{(21)} + m_{011}^{(10)}m_{300}^{(22)}m_{112}^{(11)} - 2m_{011}^{(10)}m_{210}^{(00)}m_{022}^{(22)}\\
&+2m_{011}^{(10)}m_{210}^{(00)}m_{013}^{(21)} + 4m_{011}^{(10)}m_{210}^{(10)}m_{112}^{(22)} - 2m_{011}^{(10)}m_{210}^{(10)}m_{103}^{(21)} - 2m_{011}^{(10)}m_{210}^{(10)}m_{013}^{(20)}\\
&-m_{011}^{(10)}m_{210}^{(11)}m_{202}^{(22)} + m_{011}^{(10)}m_{210}^{(11)}m_{103}^{(20)} + m_{011}^{(10)}m_{210}^{(20)}m_{121}^{(22)} - 4m_{011}^{(10)}m_{210}^{(20)}m_{112}^{(21)}\\
&+m_{011}^{(10)}m_{210}^{(20)}m_{103}^{(11)} + 2m_{011}^{(10)}m_{210}^{(20)}m_{022}^{(20)} - 2m_{011}^{(10)}m_{210}^{(21)}m_{211}^{(22)} + 2m_{011}^{(10)}m_{210}^{(21)}m_{202}^{(21)}\\
&+2m_{011}^{(10)}m_{210}^{(22)}m_{211}^{(21)} - m_{011}^{(10)}m_{210}^{(22)}m_{202}^{(11)} - m_{011}^{(10)}m_{210}^{(22)}m_{121}^{(20)} + 2m_{011}^{(10)}m_{201}^{(00)}m_{031}^{(22)}\\
&-2m_{011}^{(10)}m_{201}^{(00)}m_{022}^{(21)} + 2m_{011}^{(10)}m_{201}^{(10)}m_{121}^{(22)} - 4m_{011}^{(10)}m_{201}^{(10)}m_{112}^{(21)} + 2m_{011}^{(10)}m_{201}^{(10)}m_{022}^{(20)}\\
&-2m_{011}^{(10)}m_{201}^{(11)}m_{211}^{(22)} + 3m_{011}^{(10)}m_{201}^{(11)}m_{202}^{(21)} - m_{011}^{(10)}m_{201}^{(11)}m_{112}^{(20)} - m_{011}^{(10)}m_{201}^{(20)}m_{130}^{(22)}\\
&-2m_{011}^{(10)}m_{201}^{(20)}m_{121}^{(21)} + 5m_{011}^{(10)}m_{201}^{(20)}m_{112}^{(11)} - 2m_{011}^{(10)}m_{201}^{(20)}m_{031}^{(20)} - m_{011}^{(10)}m_{201}^{(21)}m_{220}^{(22)}\\
&+4m_{011}^{(10)}m_{201}^{(21)}m_{211}^{(21)} - 3m_{011}^{(10)}m_{201}^{(21)}m_{202}^{(11)} + m_{011}^{(10)}m_{201}^{(22)}m_{220}^{(21)} - 2m_{011}^{(10)}m_{201}^{(22)}m_{211}^{(11)}\\
&+m_{011}^{(10)}m_{201}^{(22)}m_{130}^{(20)} + 3m_{011}^{(10)}m_{120}^{(00)}m_{112}^{(22)} - m_{011}^{(10)}m_{120}^{(00)}m_{103}^{(21)} - 2m_{011}^{(10)}m_{120}^{(00)}m_{013}^{(20)}\\
&-2m_{011}^{(10)}m_{120}^{(10)}m_{202}^{(22)} + 2m_{011}^{(10)}m_{120}^{(10)}m_{103}^{(20)} - 2m_{011}^{(10)}m_{120}^{(20)}m_{211}^{(22)} + 2m_{011}^{(10)}m_{120}^{(20)}m_{202}^{(21)}\\
&-2m_{011}^{(10)}m_{120}^{(20)}m_{112}^{(20)} + 2m_{011}^{(10)}m_{120}^{(20)}m_{013}^{(00)} + m_{011}^{(10)}m_{120}^{(21)}m_{301}^{(22)} - m_{011}^{(10)}m_{120}^{(21)}m_{103}^{(00)}\\
&-m_{011}^{(10)}m_{120}^{(22)}m_{301}^{(21)} + 2m_{011}^{(10)}m_{120}^{(22)}m_{211}^{(20)} - m_{011}^{(10)}m_{120}^{(22)}m_{112}^{(00)} - 2m_{011}^{(10)}m_{111}^{(00)}m_{121}^{(22)}\\
&-2m_{011}^{(10)}m_{111}^{(00)}m_{112}^{(21)} + 4m_{011}^{(10)}m_{111}^{(00)}m_{022}^{(20)} - 4m_{011}^{(10)}m_{111}^{(10)}m_{211}^{(22)} + 4m_{011}^{(10)}m_{111}^{(10)}m_{202}^{(21)}\\
&+2m_{011}^{(10)}m_{111}^{(11)}m_{301}^{(22)} - 2m_{011}^{(10)}m_{111}^{(11)}m_{202}^{(20)} + 2m_{011}^{(10)}m_{111}^{(20)}m_{220}^{(22)} + 4m_{011}^{(10)}m_{111}^{(20)}m_{211}^{(21)}\\
&-2m_{011}^{(10)}m_{111}^{(20)}m_{202}^{(11)} - 4m_{011}^{(10)}m_{111}^{(20)}m_{022}^{(00)} + 2m_{011}^{(10)}m_{111}^{(21)}m_{310}^{(22)} - 4m_{011}^{(10)}m_{111}^{(21)}m_{301}^{(21)}\\
&+2m_{011}^{(10)}m_{111}^{(21)}m_{112}^{(00)} - 2m_{011}^{(10)}m_{111}^{(22)}m_{310}^{(21)} + 2m_{011}^{(10)}m_{111}^{(22)}m_{301}^{(11)} - 2m_{011}^{(10)}m_{111}^{(22)}m_{220}^{(20)}\\
&+2m_{011}^{(10)}m_{111}^{(22)}m_{121}^{(00)} - m_{011}^{(10)}m_{102}^{(00)}m_{130}^{(22)} + 3m_{011}^{(10)}m_{102}^{(00)}m_{121}^{(21)} - 2m_{011}^{(10)}m_{102}^{(00)}m_{031}^{(20)}\\
&+2m_{011}^{(10)}m_{102}^{(10)}m_{211}^{(21)} - 2m_{011}^{(10)}m_{102}^{(10)}m_{121}^{(20)} + m_{011}^{(10)}m_{102}^{(11)}m_{310}^{(22)} - 3m_{011}^{(10)}m_{102}^{(11)}m_{301}^{(21)}\\
&+2m_{011}^{(10)}m_{102}^{(11)}m_{211}^{(20)} - 4m_{011}^{(10)}m_{102}^{(20)}m_{211}^{(11)} + 2m_{011}^{(10)}m_{102}^{(20)}m_{130}^{(20)} + 2m_{011}^{(10)}m_{102}^{(20)}m_{031}^{(00)}\\
&-2m_{011}^{(10)}m_{102}^{(21)}m_{310}^{(21)} + 3m_{011}^{(10)}m_{102}^{(21)}m_{301}^{(11)} - m_{011}^{(10)}m_{102}^{(21)}m_{121}^{(00)} + m_{011}^{(10)}m_{102}^{(22)}m_{310}^{(11)}\\
&-m_{011}^{(10)}m_{102}^{(22)}m_{130}^{(00)} - m_{011}^{(10)}m_{030}^{(00)}m_{202}^{(22)} + m_{011}^{(10)}m_{030}^{(00)}m_{103}^{(20)} + m_{011}^{(10)}m_{030}^{(20)}m_{301}^{(22)}\\
&-m_{011}^{(10)}m_{030}^{(20)}m_{103}^{(00)} - m_{011}^{(10)}m_{030}^{(22)}m_{301}^{(20)} + m_{011}^{(10)}m_{030}^{(22)}m_{202}^{(00)} + m_{011}^{(10)}m_{021}^{(00)}m_{202}^{(21)}\\
&-m_{011}^{(10)}m_{021}^{(00)}m_{112}^{(20)} + 2m_{011}^{(10)}m_{021}^{(10)}m_{301}^{(22)} - 2m_{011}^{(10)}m_{021}^{(10)}m_{202}^{(20)} - m_{011}^{(10)}m_{021}^{(20)}m_{310}^{(22)}\\
&-2m_{011}^{(10)}m_{021}^{(20)}m_{301}^{(21)} + 2m_{011}^{(10)}m_{021}^{(20)}m_{211}^{(20)} + m_{011}^{(10)}m_{021}^{(20)}m_{112}^{(00)} - m_{011}^{(10)}m_{021}^{(21)}m_{400}^{(22)}\\
&+m_{011}^{(10)}m_{021}^{(21)}m_{202}^{(00)} + m_{011}^{(10)}m_{021}^{(22)}m_{400}^{(21)} + m_{011}^{(10)}m_{021}^{(22)}m_{310}^{(20)} - 2m_{011}^{(10)}m_{021}^{(22)}m_{211}^{(00)}\\
&+m_{011}^{(10)}m_{012}^{(00)}m_{220}^{(22)} - m_{011}^{(10)}m_{012}^{(00)}m_{121}^{(20)} - 2m_{011}^{(10)}m_{012}^{(10)}m_{301}^{(21)} + 2m_{011}^{(10)}m_{012}^{(10)}m_{211}^{(20)}
\end{aligned}
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\begin{aligned}
&-m_{011}^{(10)}m_{012}^{(11)}m_{400}^{(22)}+m_{011}^{(10)}m_{012}^{(11)}m_{301}^{(20)}+m_{011}^{(10)}m_{012}^{(20)}m_{301}^{(11)}-2m_{011}^{(10)}m_{012}^{(20)}m_{220}^{(20)}\\
&+m_{011}^{(10)}m_{012}^{(20)}m_{121}^{(00)}+2m_{011}^{(10)}m_{012}^{(21)}m_{400}^{(21)}-2m_{011}^{(10)}m_{012}^{(21)}m_{211}^{(00)}-m_{011}^{(10)}m_{012}^{(22)}m_{400}^{(11)}\\
&+m_{011}^{(10)}m_{012}^{(22)}m_{220}^{(00)}-m_{011}^{(10)}m_{003}^{(00)}m_{220}^{(21)}+m_{011}^{(10)}m_{003}^{(00)}m_{130}^{(20)}+m_{011}^{(10)}m_{003}^{(11)}m_{400}^{(21)}\\
&-m_{011}^{(10)}m_{003}^{(11)}m_{310}^{(20)}+m_{011}^{(10)}m_{003}^{(20)}m_{310}^{(11)}-m_{011}^{(10)}m_{003}^{(20)}m_{130}^{(00)}-m_{011}^{(10)}m_{003}^{(21)}m_{400}^{(11)}\\
&+m_{011}^{(10)}m_{003}^{(21)}m_{220}^{(00)}+2m_{011}^{(11)}m_{300}^{(00)}m_{022}^{(22)}-2m_{011}^{(11)}m_{300}^{(00)}m_{013}^{(21)}-m_{011}^{(11)}m_{300}^{(10)}m_{112}^{(22)}\\
&+m_{011}^{(11)}m_{300}^{(10)}m_{103}^{(21)}-m_{011}^{(11)}m_{300}^{(20)}m_{121}^{(22)}+m_{011}^{(11)}m_{300}^{(20)}m_{112}^{(21)}-2m_{011}^{(11)}m_{300}^{(20)}m_{022}^{(20)}\\
&+2m_{011}^{(11)}m_{300}^{(20)}m_{013}^{(10)}+m_{011}^{(11)}m_{300}^{(21)}m_{112}^{(20)}-m_{011}^{(11)}m_{300}^{(21)}m_{103}^{(10)}+m_{011}^{(11)}m_{300}^{(22)}m_{121}^{(20)}\\
&-m_{011}^{(11)}m_{300}^{(22)}m_{112}^{(10)}-3m_{011}^{(11)}m_{210}^{(00)}m_{112}^{(22)}+m_{011}^{(11)}m_{210}^{(00)}m_{103}^{(21)}+2m_{011}^{(11)}m_{210}^{(00)}m_{013}^{(20)}\\
&+m_{011}^{(11)}m_{210}^{(10)}m_{202}^{(22)}-m_{011}^{(11)}m_{210}^{(10)}m_{103}^{(20)}+2m_{011}^{(11)}m_{210}^{(20)}m_{211}^{(22)}-m_{011}^{(11)}m_{210}^{(20)}m_{202}^{(21)}\\
&+2m_{011}^{(11)}m_{210}^{(20)}m_{112}^{(20)}-m_{011}^{(11)}m_{210}^{(20)}m_{103}^{(10)}-2m_{011}^{(11)}m_{210}^{(20)}m_{013}^{(00)}-m_{011}^{(11)}m_{210}^{(21)}m_{202}^{(20)}\\
&+m_{011}^{(11)}m_{210}^{(21)}m_{103}^{(00)}-2m_{011}^{(11)}m_{210}^{(22)}m_{211}^{(20)}+m_{011}^{(11)}m_{210}^{(22)}m_{202}^{(10)}+m_{011}^{(11)}m_{210}^{(22)}m_{112}^{(00)}\\
&-3m_{011}^{(11)}m_{201}^{(00)}m_{121}^{(22)}+5m_{011}^{(11)}m_{201}^{(00)}m_{112}^{(21)}-2m_{011}^{(11)}m_{201}^{(00)}m_{022}^{(20)}+2m_{011}^{(11)}m_{201}^{(10)}m_{211}^{(22)}\\
&-3m_{011}^{(11)}m_{201}^{(10)}m_{202}^{(21)}+m_{011}^{(11)}m_{201}^{(10)}m_{112}^{(20)}+m_{011}^{(11)}m_{201}^{(20)}m_{220}^{(22)}-2m_{011}^{(11)}m_{201}^{(20)}m_{211}^{(21)}\\
&+4m_{011}^{(11)}m_{201}^{(20)}m_{121}^{(20)}-5m_{011}^{(11)}m_{201}^{(20)}m_{112}^{(10)}+2m_{011}^{(11)}m_{201}^{(20)}m_{022}^{(00)}-2m_{011}^{(11)}m_{201}^{(21)}m_{211}^{(20)}\\
&+3m_{011}^{(11)}m_{201}^{(21)}m_{202}^{(10)}-m_{011}^{(11)}m_{201}^{(21)}m_{112}^{(00)}-m_{011}^{(11)}m_{201}^{(22)}m_{220}^{(20)}+2m_{011}^{(11)}m_{201}^{(22)}m_{211}^{(10)}\\
&-m_{011}^{(11)}m_{201}^{(22)}m_{121}^{(00)}+m_{011}^{(11)}m_{120}^{(00)}m_{202}^{(22)}-m_{011}^{(11)}m_{120}^{(00)}m_{103}^{(20)}-m_{011}^{(11)}m_{120}^{(20)}m_{301}^{(22)}\\
&+m_{011}^{(11)}m_{120}^{(20)}m_{103}^{(00)}+m_{011}^{(11)}m_{120}^{(22)}m_{301}^{(20)}-m_{011}^{(11)}m_{120}^{(22)}m_{202}^{(00)}+4m_{011}^{(11)}m_{111}^{(00)}m_{211}^{(22)}\\
&-2m_{011}^{(11)}m_{111}^{(00)}m_{202}^{(21)}-2m_{011}^{(11)}m_{111}^{(00)}m_{112}^{(20)}-2m_{011}^{(11)}m_{111}^{(10)}m_{301}^{(22)}+2m_{011}^{(11)}m_{111}^{(10)}m_{202}^{(20)}\\
&-2m_{011}^{(11)}m_{111}^{(20)}m_{310}^{(22)}+2m_{011}^{(11)}m_{111}^{(20)}m_{301}^{(21)}-4m_{011}^{(11)}m_{111}^{(20)}m_{211}^{(20)}+2m_{011}^{(11)}m_{111}^{(20)}m_{202}^{(10)}\\
&+2m_{011}^{(11)}m_{111}^{(20)}m_{112}^{(00)}+2m_{011}^{(11)}m_{111}^{(21)}m_{301}^{(20)}-2m_{011}^{(11)}m_{111}^{(21)}m_{202}^{(00)}+2m_{011}^{(11)}m_{111}^{(22)}m_{310}^{(20)}\\
&-2m_{011}^{(11)}m_{111}^{(22)}m_{301}^{(10)}+m_{011}^{(11)}m_{102}^{(00)}m_{220}^{(22)}-4m_{011}^{(11)}m_{102}^{(00)}m_{211}^{(21)}+3m_{011}^{(11)}m_{102}^{(00)}m_{121}^{(20)}\\
&-m_{011}^{(11)}m_{102}^{(10)}m_{310}^{(22)}+3m_{011}^{(11)}m_{102}^{(10)}m_{301}^{(21)}-2m_{011}^{(11)}m_{102}^{(10)}m_{211}^{(20)}+m_{011}^{(11)}m_{102}^{(20)}m_{310}^{(21)}\\
&-2m_{011}^{(11)}m_{102}^{(20)}m_{220}^{(20)}+4m_{011}^{(11)}m_{102}^{(20)}m_{211}^{(10)}-3m_{011}^{(11)}m_{102}^{(20)}m_{121}^{(00)}+m_{011}^{(11)}m_{102}^{(21)}m_{310}^{(20)}\\
&-3m_{011}^{(11)}m_{102}^{(21)}m_{301}^{(10)}+2m_{011}^{(11)}m_{102}^{(21)}m_{211}^{(00)}-m_{011}^{(11)}m_{102}^{(22)}m_{310}^{(10)}+m_{011}^{(11)}m_{102}^{(22)}m_{220}^{(00)}\\
&-m_{011}^{(11)}m_{021}^{(00)}m_{301}^{(22)}+m_{011}^{(11)}m_{021}^{(00)}m_{202}^{(20)}+m_{011}^{(11)}m_{021}^{(20)}m_{400}^{(22)}-m_{011}^{(11)}m_{021}^{(20)}m_{202}^{(00)}\\
&-m_{011}^{(11)}m_{021}^{(22)}m_{400}^{(20)}+m_{011}^{(11)}m_{021}^{(22)}m_{301}^{(00)}-m_{011}^{(11)}m_{012}^{(00)}m_{310}^{(22)}+m_{011}^{(11)}m_{012}^{(00)}m_{301}^{(21)}\\
&+m_{011}^{(11)}m_{012}^{(10)}m_{400}^{(22)}-m_{011}^{(11)}m_{012}^{(10)}m_{301}^{(20)}-m_{011}^{(11)}m_{012}^{(20)}m_{400}^{(21)}+2m_{011}^{(11)}m_{012}^{(20)}m_{310}^{(20)}\\
&-m_{011}^{(11)}m_{012}^{(20)}m_{301}^{(10)}-m_{011}^{(11)}m_{012}^{(21)}m_{400}^{(20)}+m_{011}^{(11)}m_{012}^{(21)}m_{301}^{(00)}+m_{011}^{(11)}m_{012}^{(22)}m_{400}^{(10)}\\
&-m_{011}^{(11)}m_{012}^{(22)}m_{310}^{(00)}+m_{011}^{(11)}m_{003}^{(00)}m_{310}^{(21)}-m_{011}^{(11)}m_{003}^{(00)}m_{220}^{(20)}-m_{011}^{(11)}m_{003}^{(10)}m_{400}^{(21)}\\
&+m_{011}^{(11)}m_{003}^{(10)}m_{310}^{(20)}-m_{011}^{(11)}m_{003}^{(20)}m_{310}^{(10)}+m_{011}^{(11)}m_{003}^{(20)}m_{220}^{(00)}+m_{011}^{(11)}m_{003}^{(21)}m_{400}^{(10)}\\
&-m_{011}^{(11)}m_{003}^{(21)}m_{310}^{(00)}+2m_{011}^{(20)}m_{300}^{(10)}m_{031}^{(22)}-2m_{011}^{(20)}m_{300}^{(10)}m_{022}^{(21)}-m_{011}^{(20)}m_{300}^{(11)}m_{121}^{(22)}\\
&+m_{011}^{(20)}m_{300}^{(11)}m_{112}^{(21)}-2m_{011}^{(20)}m_{300}^{(20)}m_{031}^{(21)}+2m_{011}^{(20)}m_{300}^{(20)}m_{022}^{(11)}-m_{011}^{(20)}m_{300}^{(21)}m_{130}^{(22)}\\
&+2m_{011}^{(20)}m_{300}^{(21)}m_{121}^{(21)}-m_{011}^{(20)}m_{300}^{(21)}m_{112}^{(11)}+m_{011}^{(20)}m_{300}^{(22)}m_{130}^{(21)}-m_{011}^{(20)}m_{300}^{(22)}m_{121}^{(11)}\\
&+2m_{011}^{(20)}m_{210}^{(00)}m_{022}^{(21)}-2m_{011}^{(20)}m_{210}^{(00)}m_{013}^{(11)}-5m_{011}^{(20)}m_{210}^{(10)}m_{121}^{(22)}+2m_{011}^{(20)}m_{210}^{(10)}m_{112}^{(21)}\\
&+m_{011}^{(20)}m_{210}^{(10)}m_{103}^{(11)}+2m_{011}^{(20)}m_{210}^{(10)}m_{013}^{(10)}+2m_{011}^{(20)}m_{210}^{(11)}m_{211}^{(22)}-m_{011}^{(20)}m_{210}^{(11)}m_{202}^{(21)}\\
&-m_{011}^{(20)}m_{210}^{(11)}m_{103}^{(10)}+4m_{011}^{(20)}m_{210}^{(20)}m_{121}^{(21)}-2m_{011}^{(20)}m_{210}^{(20)}m_{112}^{(11)}-2m_{011}^{(20)}m_{210}^{(20)}m_{022}^{(10)}\\
&+3m_{011}^{(20)}m_{210}^{(21)}m_{220}^{(22)}-4m_{011}^{(20)}m_{210}^{(21)}m_{211}^{(21)}+m_{011}^{(20)}m_{210}^{(21)}m_{202}^{(11)}-3m_{011}^{(20)}m_{210}^{(22)}m_{220}^{(21)}\\
&+2m_{011}^{(20)}m_{210}^{(22)}m_{211}^{(11)}+m_{011}^{(20)}m_{210}^{(22)}m_{121}^{(10)}-2m_{011}^{(20)}m_{201}^{(00)}m_{031}^{(21)}+2m_{011}^{(20)}m_{201}^{(00)}m_{022}^{(11)}
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\begin{aligned}
&-m_{011}^{(20)}m_{201}^{(10)}m_{130}^{(22)}+4m_{011}^{(20)}m_{201}^{(10)}m_{121}^{(21)}-m_{011}^{(20)}m_{201}^{(10)}m_{112}^{(11)}-2m_{011}^{(20)}m_{201}^{(10)}m_{022}^{(10)}\\
&+m_{011}^{(20)}m_{201}^{(11)}m_{220}^{(22)}-2m_{011}^{(20)}m_{201}^{(11)}m_{211}^{(21)}+m_{011}^{(20)}m_{201}^{(11)}m_{112}^{(10)}+2m_{011}^{(20)}m_{201}^{(20)}m_{130}^{(21)}\\
&-4m_{011}^{(20)}m_{201}^{(20)}m_{121}^{(11)}+2m_{011}^{(20)}m_{201}^{(20)}m_{031}^{(10)}-2m_{011}^{(20)}m_{201}^{(21)}m_{220}^{(21)}+2m_{011}^{(20)}m_{201}^{(21)}m_{211}^{(11)}\\
&+m_{011}^{(20)}m_{201}^{(22)}m_{220}^{(11)}-m_{011}^{(20)}m_{201}^{(22)}m_{130}^{(10)}-3m_{011}^{(20)}m_{120}^{(00)}m_{112}^{(21)}+m_{011}^{(20)}m_{120}^{(00)}m_{103}^{(11)}\\
&+2m_{011}^{(20)}m_{120}^{(00)}m_{013}^{(10)}+4m_{011}^{(20)}m_{120}^{(10)}m_{211}^{(22)}-2m_{011}^{(20)}m_{120}^{(10)}m_{103}^{(10)}-2m_{011}^{(20)}m_{120}^{(10)}m_{013}^{(00)}\\
&-m_{011}^{(20)}m_{120}^{(11)}m_{301}^{(22)}+m_{011}^{(20)}m_{120}^{(11)}m_{103}^{(00)}-2m_{011}^{(20)}m_{120}^{(20)}m_{211}^{(21)}+2m_{011}^{(20)}m_{120}^{(20)}m_{112}^{(10)}\\
&-3m_{011}^{(20)}m_{120}^{(21)}m_{310}^{(22)}+2m_{011}^{(20)}m_{120}^{(21)}m_{301}^{(21)}+m_{011}^{(20)}m_{120}^{(21)}m_{112}^{(00)}+3m_{011}^{(20)}m_{120}^{(22)}m_{310}^{(21)}\\
&-m_{011}^{(20)}m_{120}^{(22)}m_{301}^{(11)}-2m_{011}^{(20)}m_{120}^{(22)}m_{211}^{(10)}+2m_{011}^{(20)}m_{111}^{(00)}m_{121}^{(21)}+2m_{011}^{(20)}m_{111}^{(00)}m_{112}^{(11)}\\
&-4m_{011}^{(20)}m_{111}^{(00)}m_{022}^{(10)}+2m_{011}^{(20)}m_{111}^{(10)}m_{220}^{(22)}-4m_{011}^{(20)}m_{111}^{(10)}m_{211}^{(21)}-2m_{011}^{(20)}m_{111}^{(10)}m_{202}^{(11)}\\
&+4m_{011}^{(20)}m_{111}^{(10)}m_{022}^{(00)}-2m_{011}^{(20)}m_{111}^{(11)}m_{310}^{(22)}+2m_{011}^{(20)}m_{111}^{(11)}m_{301}^{(21)}+2m_{011}^{(20)}m_{111}^{(11)}m_{202}^{(10)}\\
&-2m_{011}^{(20)}m_{111}^{(11)}m_{112}^{(00)}-4m_{011}^{(20)}m_{111}^{(20)}m_{220}^{(21)}+4m_{011}^{(20)}m_{111}^{(20)}m_{211}^{(11)}+4m_{011}^{(20)}m_{111}^{(21)}m_{310}^{(21)}\\
&-2m_{011}^{(20)}m_{111}^{(21)}m_{301}^{(11)}-2m_{011}^{(20)}m_{111}^{(21)}m_{121}^{(00)}-2m_{011}^{(20)}m_{111}^{(22)}m_{310}^{(11)}+2m_{011}^{(20)}m_{111}^{(22)}m_{220}^{(10)}\\
&+m_{011}^{(20)}m_{102}^{(00)}m_{130}^{(21)}-3m_{011}^{(20)}m_{102}^{(00)}m_{121}^{(11)}+2m_{011}^{(20)}m_{102}^{(00)}m_{031}^{(10)}-2m_{011}^{(20)}m_{102}^{(10)}m_{220}^{(21)}\\
&+2m_{011}^{(20)}m_{102}^{(10)}m_{211}^{(11)}+2m_{011}^{(20)}m_{102}^{(10)}m_{121}^{(10)}-2m_{011}^{(20)}m_{102}^{(10)}m_{031}^{(00)}+m_{011}^{(20)}m_{102}^{(11)}m_{310}^{(21)}\\
&-2m_{011}^{(20)}m_{102}^{(11)}m_{211}^{(10)}+m_{011}^{(20)}m_{102}^{(11)}m_{121}^{(00)}+2m_{011}^{(20)}m_{102}^{(20)}m_{220}^{(11)}-2m_{011}^{(20)}m_{102}^{(20)}m_{130}^{(10)}\\
&-m_{011}^{(20)}m_{102}^{(21)}m_{310}^{(11)}+m_{011}^{(20)}m_{102}^{(21)}m_{130}^{(00)}+m_{011}^{(20)}m_{030}^{(00)}m_{202}^{(21)}-m_{011}^{(20)}m_{030}^{(00)}m_{103}^{(10)}\\
&-m_{011}^{(20)}m_{030}^{(10)}m_{301}^{(22)}+m_{011}^{(20)}m_{030}^{(10)}m_{103}^{(00)}+m_{011}^{(20)}m_{030}^{(21)}m_{400}^{(22)}-m_{011}^{(20)}m_{030}^{(21)}m_{202}^{(00)}\\
&-m_{011}^{(20)}m_{030}^{(22)}m_{400}^{(21)}+m_{011}^{(20)}m_{030}^{(22)}m_{301}^{(10)}-m_{011}^{(20)}m_{021}^{(00)}m_{202}^{(11)}+m_{011}^{(20)}m_{021}^{(00)}m_{112}^{(10)}\\
&-m_{011}^{(20)}m_{021}^{(10)}m_{310}^{(22)}+2m_{011}^{(20)}m_{021}^{(10)}m_{202}^{(10)}-m_{011}^{(20)}m_{021}^{(10)}m_{112}^{(00)}+m_{011}^{(20)}m_{021}^{(11)}m_{400}^{(22)}\\
&-m_{011}^{(20)}m_{021}^{(11)}m_{202}^{(00)}+2m_{011}^{(20)}m_{021}^{(20)}m_{310}^{(21)}-2m_{011}^{(20)}m_{021}^{(20)}m_{211}^{(10)}-2m_{011}^{(20)}m_{021}^{(21)}m_{400}^{(21)}\\
&+2m_{011}^{(20)}m_{021}^{(21)}m_{211}^{(00)}+m_{011}^{(20)}m_{021}^{(22)}m_{400}^{(11)}-m_{011}^{(20)}m_{021}^{(22)}m_{310}^{(10)}-m_{011}^{(20)}m_{012}^{(00)}m_{220}^{(21)}\\
&+m_{011}^{(20)}m_{012}^{(00)}m_{121}^{(10)}+2m_{011}^{(20)}m_{012}^{(10)}m_{310}^{(21)}+m_{011}^{(20)}m_{012}^{(10)}m_{301}^{(11)}-2m_{011}^{(20)}m_{012}^{(10)}m_{211}^{(10)}\\
&-m_{011}^{(20)}m_{012}^{(10)}m_{121}^{(00)}-m_{011}^{(20)}m_{012}^{(11)}m_{400}^{(21)}-m_{011}^{(20)}m_{012}^{(11)}m_{301}^{(10)}+2m_{011}^{(20)}m_{012}^{(11)}m_{211}^{(00)}\\
&-2m_{011}^{(20)}m_{012}^{(20)}m_{310}^{(11)}+2m_{011}^{(20)}m_{012}^{(20)}m_{220}^{(10)}+m_{011}^{(20)}m_{012}^{(21)}m_{400}^{(11)}-m_{011}^{(20)}m_{012}^{(21)}m_{220}^{(00)}\\
&+m_{011}^{(20)}m_{003}^{(00)}m_{220}^{(11)}-m_{011}^{(20)}m_{003}^{(00)}m_{130}^{(10)}-m_{011}^{(20)}m_{003}^{(10)}m_{310}^{(11)}+m_{011}^{(20)}m_{003}^{(10)}m_{130}^{(00)}\\
&+m_{011}^{(20)}m_{003}^{(11)}m_{310}^{(10)}-m_{011}^{(20)}m_{003}^{(11)}m_{220}^{(00)}-2m_{011}^{(21)}m_{300}^{(00)}m_{031}^{(22)}+2m_{011}^{(21)}m_{300}^{(00)}m_{013}^{(11)}\\
&+m_{011}^{(21)}m_{300}^{(10)}m_{121}^{(22)}-m_{011}^{(21)}m_{300}^{(10)}m_{103}^{(11)}+2m_{011}^{(21)}m_{300}^{(10)}m_{022}^{(20)}-2m_{011}^{(21)}m_{300}^{(10)}m_{013}^{(10)}\\
&-m_{011}^{(21)}m_{300}^{(11)}m_{112}^{(20)}+m_{011}^{(21)}m_{300}^{(11)}m_{103}^{(10)}+m_{011}^{(21)}m_{300}^{(20)}m_{130}^{(22)}-m_{011}^{(21)}m_{300}^{(20)}m_{112}^{(11)}\\
&+2m_{011}^{(21)}m_{300}^{(20)}m_{031}^{(20)}-2m_{011}^{(21)}m_{300}^{(20)}m_{022}^{(10)}-2m_{011}^{(21)}m_{300}^{(21)}m_{121}^{(20)}+2m_{011}^{(21)}m_{300}^{(21)}m_{112}^{(10)}\\
&-m_{011}^{(21)}m_{300}^{(22)}m_{130}^{(20)}+m_{011}^{(21)}m_{300}^{(22)}m_{121}^{(10)}+5m_{011}^{(21)}m_{210}^{(00)}m_{121}^{(22)}-m_{011}^{(21)}m_{210}^{(00)}m_{103}^{(11)}\\
&-2m_{011}^{(21)}m_{210}^{(00)}m_{022}^{(20)}-2m_{011}^{(21)}m_{210}^{(00)}m_{013}^{(10)}-2m_{011}^{(21)}m_{210}^{(10)}m_{211}^{(22)}-2m_{011}^{(21)}m_{210}^{(10)}m_{112}^{(20)}\\
&+2m_{011}^{(21)}m_{210}^{(10)}m_{103}^{(10)}+2m_{011}^{(21)}m_{210}^{(10)}m_{013}^{(00)}+m_{011}^{(21)}m_{210}^{(11)}m_{202}^{(20)}-m_{011}^{(21)}m_{210}^{(11)}m_{103}^{(00)}\\
&-3m_{011}^{(21)}m_{210}^{(20)}m_{220}^{(22)}+m_{011}^{(21)}m_{210}^{(20)}m_{202}^{(11)}-4m_{011}^{(21)}m_{210}^{(20)}m_{121}^{(20)}+4m_{011}^{(21)}m_{210}^{(20)}m_{112}^{(10)}\\
&+2m_{011}^{(21)}m_{210}^{(20)}m_{022}^{(00)}+4m_{011}^{(21)}m_{210}^{(21)}m_{211}^{(20)}-2m_{011}^{(21)}m_{210}^{(21)}m_{202}^{(10)}-2m_{011}^{(21)}m_{210}^{(21)}m_{112}^{(00)}\\
&+3m_{011}^{(21)}m_{210}^{(22)}m_{220}^{(20)}-2m_{011}^{(21)}m_{210}^{(22)}m_{211}^{(10)}-m_{011}^{(21)}m_{210}^{(22)}m_{121}^{(00)}+m_{011}^{(21)}m_{201}^{(00)}m_{130}^{(22)}\\
&-5m_{011}^{(21)}m_{201}^{(00)}m_{112}^{(11)}+2m_{011}^{(21)}m_{201}^{(00)}m_{031}^{(20)}+2m_{011}^{(21)}m_{201}^{(00)}m_{022}^{(10)}-m_{011}^{(21)}m_{201}^{(10)}m_{220}^{(22)}\\
&+3m_{011}^{(21)}m_{201}^{(10)}m_{202}^{(11)}-4m_{011}^{(21)}m_{201}^{(10)}m_{121}^{(20)}+4m_{011}^{(21)}m_{201}^{(10)}m_{112}^{(10)}-2m_{011}^{(21)}m_{201}^{(10)}m_{022}^{(00)}\\
&+2m_{011}^{(21)}m_{201}^{(11)}m_{211}^{(20)}-3m_{011}^{(21)}m_{201}^{(11)}m_{202}^{(10)}+m_{011}^{(21)}m_{201}^{(11)}m_{112}^{(00)}+2m_{011}^{(21)}m_{201}^{(20)}m_{211}^{(11)}
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\begin{aligned}
&-2m_{011}^{(21)}m_{201}^{(20)}m_{130}^{(20)} + 2m_{011}^{(21)}m_{201}^{(20)}m_{121}^{(10)} - 2m_{011}^{(21)}m_{201}^{(20)}m_{031}^{(00)} + 2m_{011}^{(21)}m_{201}^{(21)}m_{220}^{(20)}\\
&-4m_{011}^{(21)}m_{201}^{(21)}m_{211}^{(10)} + 2m_{011}^{(21)}m_{201}^{(21)}m_{121}^{(00)} - m_{011}^{(21)}m_{201}^{(22)}m_{220}^{(10)} + m_{011}^{(21)}m_{201}^{(22)}m_{130}^{(00)}\\
&-4m_{011}^{(21)}m_{120}^{(00)}m_{211}^{(22)} + 3m_{011}^{(21)}m_{120}^{(00)}m_{112}^{(20)} + m_{011}^{(21)}m_{120}^{(00)}m_{103}^{(10)} + m_{011}^{(21)}m_{120}^{(10)}m_{301}^{(22)}\\
&-m_{011}^{(21)}m_{120}^{(10)}m_{103}^{(00)} + 3m_{011}^{(21)}m_{120}^{(20)}m_{310}^{(22)} + 2m_{011}^{(21)}m_{120}^{(20)}m_{211}^{(20)} - 2m_{011}^{(21)}m_{120}^{(20)}m_{202}^{(10)}\\
&-3m_{011}^{(21)}m_{120}^{(20)}m_{112}^{(00)} - 2m_{011}^{(21)}m_{120}^{(21)}m_{301}^{(20)} + 2m_{011}^{(21)}m_{120}^{(21)}m_{202}^{(00)} - 3m_{011}^{(21)}m_{120}^{(22)}m_{310}^{(20)}\\
&+m_{011}^{(21)}m_{120}^{(22)}m_{301}^{(10)} + 2m_{011}^{(21)}m_{120}^{(22)}m_{211}^{(00)} - 2m_{011}^{(21)}m_{111}^{(00)}m_{220}^{(22)} + 2m_{011}^{(21)}m_{111}^{(00)}m_{202}^{(11)}\\
&-2m_{011}^{(21)}m_{111}^{(00)}m_{121}^{(20)} + 2m_{011}^{(21)}m_{111}^{(00)}m_{112}^{(10)} + 2m_{011}^{(21)}m_{111}^{(10)}m_{310}^{(22)} + 4m_{011}^{(21)}m_{111}^{(10)}m_{211}^{(20)}\\
&-4m_{011}^{(21)}m_{111}^{(10)}m_{202}^{(10)} - 2m_{011}^{(21)}m_{111}^{(10)}m_{112}^{(00)} - 2m_{011}^{(21)}m_{111}^{(11)}m_{301}^{(20)} + 2m_{011}^{(21)}m_{111}^{(11)}m_{202}^{(00)}\\
&-2m_{011}^{(21)}m_{111}^{(20)}m_{301}^{(11)} + 4m_{011}^{(21)}m_{111}^{(20)}m_{220}^{(20)} - 4m_{011}^{(21)}m_{111}^{(20)}m_{211}^{(10)} + 2m_{011}^{(21)}m_{111}^{(20)}m_{121}^{(00)}\\
&-4m_{011}^{(21)}m_{111}^{(21)}m_{310}^{(20)} + 4m_{011}^{(21)}m_{111}^{(21)}m_{301}^{(10)} + 2m_{011}^{(21)}m_{111}^{(22)}m_{310}^{(10)} - 2m_{011}^{(21)}m_{111}^{(22)}m_{220}^{(00)}\\
&+4m_{011}^{(21)}m_{102}^{(00)}m_{211}^{(11)} - m_{011}^{(21)}m_{102}^{(00)}m_{130}^{(20)} - 3m_{011}^{(21)}m_{102}^{(00)}m_{121}^{(10)} - 3m_{011}^{(21)}m_{102}^{(10)}m_{301}^{(11)}\\
&+2m_{011}^{(21)}m_{102}^{(10)}m_{220}^{(20)} - 2m_{011}^{(21)}m_{102}^{(10)}m_{211}^{(10)} + 3m_{011}^{(21)}m_{102}^{(10)}m_{121}^{(00)} - m_{011}^{(21)}m_{102}^{(11)}m_{310}^{(20)}\\
&+3m_{011}^{(21)}m_{102}^{(11)}m_{301}^{(10)} - 2m_{011}^{(21)}m_{102}^{(11)}m_{211}^{(00)} - m_{011}^{(21)}m_{102}^{(20)}m_{310}^{(11)} + m_{011}^{(21)}m_{102}^{(20)}m_{130}^{(00)}\\
&+2m_{011}^{(21)}m_{102}^{(21)}m_{310}^{(10)} - 2m_{011}^{(21)}m_{102}^{(21)}m_{220}^{(00)} + m_{011}^{(21)}m_{030}^{(00)}m_{301}^{(22)} - m_{011}^{(21)}m_{030}^{(00)}m_{202}^{(20)}\\
&-m_{011}^{(21)}m_{030}^{(20)}m_{400}^{(22)} + m_{011}^{(21)}m_{030}^{(20)}m_{202}^{(00)} + m_{011}^{(21)}m_{030}^{(22)}m_{400}^{(20)} - m_{011}^{(21)}m_{030}^{(22)}m_{301}^{(00)}\\
&+m_{011}^{(21)}m_{021}^{(00)}m_{310}^{(22)} - m_{011}^{(21)}m_{021}^{(00)}m_{202}^{(10)} - m_{011}^{(21)}m_{021}^{(10)}m_{400}^{(22)} + m_{011}^{(21)}m_{021}^{(10)}m_{202}^{(00)}\\
&-2m_{011}^{(21)}m_{021}^{(20)}m_{310}^{(20)} + 2m_{011}^{(21)}m_{021}^{(20)}m_{301}^{(10)} + 2m_{011}^{(21)}m_{021}^{(21)}m_{400}^{(20)} - 2m_{011}^{(21)}m_{021}^{(21)}m_{301}^{(00)}\\
&-m_{011}^{(21)}m_{021}^{(22)}m_{400}^{(10)} + m_{011}^{(21)}m_{021}^{(22)}m_{310}^{(00)} - m_{011}^{(21)}m_{012}^{(00)}m_{301}^{(11)} + m_{011}^{(21)}m_{012}^{(00)}m_{220}^{(20)}\\
&-2m_{011}^{(21)}m_{012}^{(10)}m_{310}^{(20)} + 2m_{011}^{(21)}m_{012}^{(10)}m_{301}^{(10)} + m_{011}^{(21)}m_{012}^{(11)}m_{400}^{(20)} - m_{011}^{(21)}m_{012}^{(11)}m_{301}^{(00)}\\
&+m_{011}^{(21)}m_{012}^{(20)}m_{400}^{(11)} - m_{011}^{(21)}m_{012}^{(20)}m_{220}^{(00)} - 2m_{011}^{(21)}m_{012}^{(21)}m_{400}^{(10)} + 2m_{011}^{(21)}m_{012}^{(21)}m_{310}^{(00)}\\
&-m_{011}^{(21)}m_{003}^{(00)}m_{310}^{(11)} + m_{011}^{(21)}m_{003}^{(00)}m_{220}^{(10)} + m_{011}^{(21)}m_{003}^{(10)}m_{400}^{(11)} - m_{011}^{(21)}m_{003}^{(10)}m_{220}^{(00)}\\
&-m_{011}^{(21)}m_{003}^{(11)}m_{400}^{(10)} + m_{011}^{(21)}m_{003}^{(11)}m_{310}^{(00)} + 2m_{011}^{(22)}m_{300}^{(00)}m_{031}^{(21)} - 2m_{011}^{(22)}m_{300}^{(00)}m_{022}^{(11)}\\
&-m_{011}^{(22)}m_{300}^{(10)}m_{121}^{(21)} + m_{011}^{(22)}m_{300}^{(10)}m_{112}^{(11)} - 2m_{011}^{(22)}m_{300}^{(10)}m_{031}^{(20)} + 2m_{011}^{(22)}m_{300}^{(10)}m_{022}^{(10)}\\
&+m_{011}^{(22)}m_{300}^{(11)}m_{121}^{(20)} - m_{011}^{(22)}m_{300}^{(11)}m_{112}^{(10)} - m_{011}^{(22)}m_{300}^{(20)}m_{130}^{(21)} + m_{011}^{(22)}m_{300}^{(20)}m_{121}^{(11)}\\
&+m_{011}^{(22)}m_{300}^{(21)}m_{130}^{(20)} - m_{011}^{(22)}m_{300}^{(21)}m_{121}^{(10)} - 5m_{011}^{(22)}m_{210}^{(00)}m_{121}^{(21)} + 3m_{011}^{(22)}m_{210}^{(00)}m_{112}^{(11)}\\
&+2m_{011}^{(22)}m_{210}^{(00)}m_{022}^{(10)} + 2m_{011}^{(22)}m_{210}^{(10)}m_{211}^{(21)} - m_{011}^{(22)}m_{210}^{(10)}m_{202}^{(11)} + 5m_{011}^{(22)}m_{210}^{(10)}m_{121}^{(20)}\\
&-4m_{011}^{(22)}m_{210}^{(10)}m_{112}^{(10)} - 2m_{011}^{(22)}m_{210}^{(10)}m_{022}^{(00)} - 2m_{011}^{(22)}m_{210}^{(11)}m_{211}^{(20)} + m_{011}^{(22)}m_{210}^{(11)}m_{202}^{(10)}\\
&+m_{011}^{(22)}m_{210}^{(11)}m_{112}^{(00)} + 3m_{011}^{(22)}m_{210}^{(20)}m_{220}^{(21)} - 2m_{011}^{(22)}m_{210}^{(20)}m_{211}^{(11)} - m_{011}^{(22)}m_{210}^{(20)}m_{121}^{(10)}\\
&-3m_{011}^{(22)}m_{210}^{(21)}m_{220}^{(20)} + 2m_{011}^{(22)}m_{210}^{(21)}m_{211}^{(10)} + m_{011}^{(22)}m_{210}^{(21)}m_{121}^{(00)} - m_{011}^{(22)}m_{201}^{(00)}m_{130}^{(21)}\\
&+3m_{011}^{(22)}m_{201}^{(00)}m_{121}^{(11)} - 2m_{011}^{(22)}m_{201}^{(00)}m_{031}^{(10)} + m_{011}^{(22)}m_{201}^{(10)}m_{220}^{(21)} - 2m_{011}^{(22)}m_{201}^{(10)}m_{211}^{(11)}\\
&+m_{011}^{(22)}m_{201}^{(10)}m_{130}^{(20)} - 2m_{011}^{(22)}m_{201}^{(10)}m_{121}^{(10)} + 2m_{011}^{(22)}m_{201}^{(10)}m_{031}^{(00)} - m_{011}^{(22)}m_{201}^{(11)}m_{220}^{(20)}\\
&+2m_{011}^{(22)}m_{201}^{(11)}m_{211}^{(10)} - m_{011}^{(22)}m_{201}^{(11)}m_{121}^{(00)} - m_{011}^{(22)}m_{201}^{(20)}m_{220}^{(11)} + m_{011}^{(22)}m_{201}^{(20)}m_{130}^{(10)}\\
&+m_{011}^{(22)}m_{201}^{(21)}m_{220}^{(10)} - m_{011}^{(22)}m_{201}^{(21)}m_{130}^{(00)} + 4m_{011}^{(22)}m_{120}^{(00)}m_{211}^{(21)} - m_{011}^{(22)}m_{120}^{(00)}m_{202}^{(11)}\\
&-3m_{011}^{(22)}m_{120}^{(00)}m_{112}^{(10)} - m_{011}^{(22)}m_{120}^{(10)}m_{301}^{(21)} - 4m_{011}^{(22)}m_{120}^{(10)}m_{211}^{(20)} + 2m_{011}^{(22)}m_{120}^{(10)}m_{202}^{(10)}\\
&+3m_{011}^{(22)}m_{120}^{(10)}m_{112}^{(00)} + m_{011}^{(22)}m_{120}^{(11)}m_{301}^{(20)} - m_{011}^{(22)}m_{120}^{(11)}m_{202}^{(00)} - 3m_{011}^{(22)}m_{120}^{(20)}m_{310}^{(21)}\\
&+m_{011}^{(22)}m_{120}^{(20)}m_{301}^{(11)} + 2m_{011}^{(22)}m_{120}^{(20)}m_{211}^{(10)} + 3m_{011}^{(22)}m_{120}^{(21)}m_{310}^{(20)} - m_{011}^{(22)}m_{120}^{(21)}m_{301}^{(10)}\\
&-2m_{011}^{(22)}m_{120}^{(21)}m_{211}^{(00)} + 2m_{011}^{(22)}m_{111}^{(00)}m_{220}^{(21)} - 4m_{011}^{(22)}m_{111}^{(00)}m_{211}^{(11)} + 2m_{011}^{(22)}m_{111}^{(00)}m_{121}^{(10)}\\
&-2m_{011}^{(22)}m_{111}^{(10)}m_{310}^{(21)} + 2m_{011}^{(22)}m_{111}^{(10)}m_{301}^{(11)} - 2m_{011}^{(22)}m_{111}^{(10)}m_{220}^{(20)} + 4m_{011}^{(22)}m_{111}^{(10)}m_{211}^{(10)}
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\begin{aligned}
&-2m_{011}^{(22)}m_{111}^{(10)}m_{121}^{(00)}+2m_{011}^{(22)}m_{111}^{(11)}m_{310}^{(20)}-2m_{011}^{(22)}m_{111}^{(11)}m_{301}^{(10)}+2m_{011}^{(22)}m_{111}^{(20)}m_{310}^{(11)}\\
&-2m_{011}^{(22)}m_{111}^{(20)}m_{220}^{(10)}-2m_{011}^{(22)}m_{111}^{(21)}m_{310}^{(10)}+2m_{011}^{(22)}m_{111}^{(21)}m_{220}^{(00)}-m_{011}^{(22)}m_{102}^{(00)}m_{220}^{(11)}\\
&+m_{011}^{(22)}m_{102}^{(00)}m_{130}^{(10)}+m_{011}^{(22)}m_{102}^{(10)}m_{310}^{(11)}-m_{011}^{(22)}m_{102}^{(10)}m_{130}^{(00)}-m_{011}^{(22)}m_{102}^{(11)}m_{310}^{(10)}\\
&+m_{011}^{(22)}m_{102}^{(11)}m_{220}^{(00)}-m_{011}^{(22)}m_{030}^{(00)}m_{301}^{(21)}+m_{011}^{(22)}m_{030}^{(00)}m_{202}^{(10)}+m_{011}^{(22)}m_{030}^{(10)}m_{301}^{(20)}\\
&-m_{011}^{(22)}m_{030}^{(10)}m_{202}^{(00)}+m_{011}^{(22)}m_{030}^{(20)}m_{400}^{(21)}-m_{011}^{(22)}m_{030}^{(20)}m_{301}^{(10)}-m_{011}^{(22)}m_{030}^{(21)}m_{400}^{(20)}\\
&+m_{011}^{(22)}m_{030}^{(21)}m_{301}^{(00)}-m_{011}^{(22)}m_{021}^{(00)}m_{310}^{(21)}+m_{011}^{(22)}m_{021}^{(00)}m_{301}^{(11)}+m_{011}^{(22)}m_{021}^{(10)}m_{400}^{(21)}\\
&+m_{011}^{(22)}m_{021}^{(10)}m_{310}^{(20)}-2m_{011}^{(22)}m_{021}^{(10)}m_{301}^{(10)}-m_{011}^{(22)}m_{021}^{(11)}m_{400}^{(20)}+m_{011}^{(22)}m_{021}^{(11)}m_{301}^{(00)}\\
&-m_{011}^{(22)}m_{021}^{(20)}m_{400}^{(11)}+m_{011}^{(22)}m_{021}^{(20)}m_{310}^{(10)}+m_{011}^{(22)}m_{021}^{(21)}m_{400}^{(10)}-m_{011}^{(22)}m_{021}^{(21)}m_{310}^{(00)}\\
&+m_{011}^{(22)}m_{012}^{(00)}m_{310}^{(11)}-m_{011}^{(22)}m_{012}^{(00)}m_{220}^{(10)}-m_{011}^{(22)}m_{012}^{(10)}m_{400}^{(11)}+m_{011}^{(22)}m_{012}^{(10)}m_{220}^{(00)}\\
&+m_{011}^{(22)}m_{012}^{(11)}m_{400}^{(10)}-m_{011}^{(22)}m_{012}^{(11)}m_{310}^{(00)}-m_{002}^{(00)}m_{210}^{(10)}m_{031}^{(22)}+m_{002}^{(00)}m_{210}^{(10)}m_{022}^{(21)}\\
&+m_{002}^{(00)}m_{210}^{(11)}m_{121}^{(22)}-m_{002}^{(00)}m_{210}^{(11)}m_{112}^{(21)}+m_{002}^{(00)}m_{210}^{(20)}m_{031}^{(21)}-m_{002}^{(00)}m_{210}^{(20)}m_{022}^{(11)}\\
&-m_{002}^{(00)}m_{210}^{(21)}m_{121}^{(21)}+m_{002}^{(00)}m_{210}^{(21)}m_{112}^{(11)}+m_{002}^{(00)}m_{201}^{(10)}m_{040}^{(22)}-m_{002}^{(00)}m_{201}^{(10)}m_{031}^{(21)}\\
&-m_{002}^{(00)}m_{201}^{(11)}m_{130}^{(22)}+m_{002}^{(00)}m_{201}^{(11)}m_{121}^{(21)}-m_{002}^{(00)}m_{201}^{(20)}m_{040}^{(21)}+m_{002}^{(00)}m_{201}^{(20)}m_{031}^{(11)}\\
&+m_{002}^{(00)}m_{201}^{(21)}m_{130}^{(21)}-m_{002}^{(00)}m_{201}^{(21)}m_{121}^{(11)}+2m_{002}^{(00)}m_{120}^{(10)}m_{121}^{(22)}-m_{002}^{(00)}m_{120}^{(10)}m_{112}^{(21)}\\
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&-2m_{002}^{(00)}m_{120}^{(20)}m_{121}^{(21)}+m_{002}^{(00)}m_{120}^{(20)}m_{112}^{(11)}+m_{002}^{(00)}m_{120}^{(20)}m_{022}^{(10)}+2m_{002}^{(00)}m_{120}^{(21)}m_{211}^{(21)}\\
&-m_{002}^{(00)}m_{120}^{(21)}m_{202}^{(11)}-m_{002}^{(00)}m_{120}^{(21)}m_{112}^{(10)}-2m_{002}^{(00)}m_{111}^{(10)}m_{130}^{(22)}+2m_{002}^{(00)}m_{111}^{(10)}m_{031}^{(20)}\\
&+2m_{002}^{(00)}m_{111}^{(11)}m_{220}^{(22)}-2m_{002}^{(00)}m_{111}^{(11)}m_{121}^{(20)}+2m_{002}^{(00)}m_{111}^{(20)}m_{130}^{(21)}-2m_{002}^{(00)}m_{111}^{(20)}m_{031}^{(10)}\\
&-2m_{002}^{(00)}m_{111}^{(21)}m_{220}^{(21)}+2m_{002}^{(00)}m_{111}^{(21)}m_{121}^{(10)}+m_{002}^{(00)}m_{102}^{(10)}m_{130}^{(21)}-m_{002}^{(00)}m_{102}^{(10)}m_{040}^{(20)}\\
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&+m_{002}^{(00)}m_{030}^{(11)}m_{301}^{(22)}-m_{002}^{(00)}m_{030}^{(11)}m_{202}^{(20)}+m_{002}^{(00)}m_{030}^{(20)}m_{211}^{(21)}-m_{002}^{(00)}m_{030}^{(20)}m_{112}^{(10)}\\
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&-2m_{002}^{(00)}m_{021}^{(10)}m_{121}^{(20)}-m_{002}^{(00)}m_{021}^{(11)}m_{310}^{(22)}-m_{002}^{(00)}m_{021}^{(11)}m_{301}^{(21)}+2m_{002}^{(00)}m_{021}^{(11)}m_{211}^{(20)}\\
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&+m_{002}^{(00)}m_{021}^{(21)}m_{301}^{(11)}-2m_{002}^{(00)}m_{021}^{(21)}m_{211}^{(10)}-m_{002}^{(00)}m_{012}^{(10)}m_{220}^{(21)}+m_{002}^{(00)}m_{012}^{(10)}m_{130}^{(20)}\\
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&-3m_{002}^{(10)}m_{210}^{(10)}m_{121}^{(22)}+2m_{002}^{(10)}m_{210}^{(10)}m_{112}^{(21)}+m_{002}^{(10)}m_{210}^{(10)}m_{022}^{(20)}+2m_{002}^{(10)}m_{210}^{(11)}m_{211}^{(22)}\\
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&+m_{002}^{(10)}m_{201}^{(11)}m_{220}^{(22)}-2m_{002}^{(10)}m_{201}^{(11)}m_{211}^{(21)}+m_{002}^{(10)}m_{201}^{(11)}m_{121}^{(20)}+m_{002}^{(10)}m_{201}^{(20)}m_{130}^{(21)}\\
&-2m_{002}^{(10)}m_{201}^{(20)}m_{121}^{(11)}+m_{002}^{(10)}m_{201}^{(20)}m_{040}^{(20)}-m_{002}^{(10)}m_{201}^{(21)}m_{220}^{(21)}+2m_{002}^{(10)}m_{201}^{(21)}m_{211}^{(11)}\\
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&+3m_{002}^{(10)}m_{120}^{(10)}m_{211}^{(22)}-m_{002}^{(10)}m_{120}^{(10)}m_{202}^{(21)}-2m_{002}^{(10)}m_{120}^{(10)}m_{112}^{(20)}-m_{002}^{(10)}m_{120}^{(11)}m_{301}^{(22)}
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\begin{aligned}
&+m_{002}^{(10)}m_{120}^{(11)}m_{202}^{(20)} - m_{002}^{(10)}m_{120}^{(20)}m_{211}^{(21)} + 2m_{002}^{(10)}m_{120}^{(20)}m_{121}^{(20)} - m_{002}^{(10)}m_{120}^{(20)}m_{022}^{(00)}\\
&+m_{002}^{(10)}m_{120}^{(21)}m_{301}^{(21)} - 2m_{002}^{(10)}m_{120}^{(21)}m_{211}^{(20)} + m_{002}^{(10)}m_{120}^{(21)}m_{112}^{(00)} + 2m_{002}^{(10)}m_{111}^{(00)}m_{130}^{(22)}\\
&-2m_{002}^{(10)}m_{111}^{(00)}m_{031}^{(20)} - 2m_{002}^{(10)}m_{111}^{(10)}m_{211}^{(21)} + 2m_{002}^{(10)}m_{111}^{(10)}m_{121}^{(20)} - 2m_{002}^{(10)}m_{111}^{(11)}m_{310}^{(22)}\\
&+2m_{002}^{(10)}m_{111}^{(11)}m_{301}^{(21)} - 2m_{002}^{(10)}m_{111}^{(20)}m_{220}^{(21)} + 2m_{002}^{(10)}m_{111}^{(20)}m_{211}^{(11)} - 2m_{002}^{(10)}m_{111}^{(20)}m_{130}^{(20)}\\
&+2m_{002}^{(10)}m_{111}^{(20)}m_{031}^{(00)} + 2m_{002}^{(10)}m_{111}^{(21)}m_{310}^{(21)} - 2m_{002}^{(10)}m_{111}^{(21)}m_{301}^{(11)} + 2m_{002}^{(10)}m_{111}^{(21)}m_{220}^{(20)}\\
&-2m_{002}^{(10)}m_{111}^{(21)}m_{121}^{(00)} - m_{002}^{(10)}m_{102}^{(00)}m_{130}^{(21)} + m_{002}^{(10)}m_{102}^{(00)}m_{040}^{(20)} + m_{002}^{(10)}m_{102}^{(11)}m_{310}^{(21)}\\
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&+m_{002}^{(10)}m_{102}^{(21)}m_{130}^{(00)} + m_{002}^{(10)}m_{030}^{(00)}m_{211}^{(22)} - m_{002}^{(10)}m_{030}^{(00)}m_{112}^{(20)} - m_{002}^{(10)}m_{030}^{(10)}m_{301}^{(22)}\\
&+m_{002}^{(10)}m_{030}^{(10)}m_{202}^{(20)} - m_{002}^{(10)}m_{030}^{(20)}m_{211}^{(20)} + m_{002}^{(10)}m_{030}^{(20)}m_{112}^{(00)} + m_{002}^{(10)}m_{030}^{(21)}m_{301}^{(20)}\\
&-m_{002}^{(10)}m_{030}^{(21)}m_{202}^{(00)} - m_{002}^{(10)}m_{021}^{(00)}m_{220}^{(22)} - m_{002}^{(10)}m_{021}^{(00)}m_{211}^{(21)} + 2m_{002}^{(10)}m_{021}^{(00)}m_{121}^{(20)}\\
&+m_{002}^{(10)}m_{021}^{(10)}m_{301}^{(21)} - m_{002}^{(10)}m_{021}^{(10)}m_{211}^{(20)} + m_{002}^{(10)}m_{021}^{(11)}m_{400}^{(22)} - m_{002}^{(10)}m_{021}^{(11)}m_{301}^{(20)}\\
&+m_{002}^{(10)}m_{021}^{(20)}m_{310}^{(21)} + m_{002}^{(10)}m_{021}^{(20)}m_{220}^{(20)} - 2m_{002}^{(10)}m_{021}^{(20)}m_{121}^{(00)} - m_{002}^{(10)}m_{021}^{(21)}m_{400}^{(21)}\\
&-m_{002}^{(10)}m_{021}^{(21)}m_{310}^{(20)} + 2m_{002}^{(10)}m_{021}^{(21)}m_{211}^{(00)} + m_{002}^{(10)}m_{012}^{(00)}m_{220}^{(21)} - m_{002}^{(10)}m_{012}^{(00)}m_{130}^{(20)}\\
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&+m_{002}^{(11)}m_{300}^{(10)}m_{121}^{(22)} - m_{002}^{(11)}m_{300}^{(10)}m_{112}^{(21)} + m_{002}^{(11)}m_{300}^{(20)}m_{031}^{(20)} - m_{002}^{(11)}m_{300}^{(20)}m_{022}^{(10)}\\
&-m_{002}^{(11)}m_{300}^{(21)}m_{121}^{(20)} + m_{002}^{(11)}m_{300}^{(21)}m_{112}^{(10)} + 2m_{002}^{(11)}m_{210}^{(00)}m_{121}^{(22)} - m_{002}^{(11)}m_{210}^{(00)}m_{112}^{(21)}\\
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&-m_{002}^{(11)}m_{210}^{(21)}m_{202}^{(10)} - m_{002}^{(11)}m_{210}^{(21)}m_{112}^{(00)} + m_{002}^{(11)}m_{201}^{(00)}m_{130}^{(22)} - 2m_{002}^{(11)}m_{201}^{(00)}m_{121}^{(21)}\\
&+m_{002}^{(11)}m_{201}^{(00)}m_{031}^{(20)} - m_{002}^{(11)}m_{201}^{(10)}m_{220}^{(22)} + 2m_{002}^{(11)}m_{201}^{(10)}m_{211}^{(21)} - m_{002}^{(11)}m_{201}^{(10)}m_{121}^{(20)}\\
&-m_{002}^{(11)}m_{201}^{(20)}m_{130}^{(20)} + 2m_{002}^{(11)}m_{201}^{(20)}m_{121}^{(10)} - m_{002}^{(11)}m_{201}^{(20)}m_{031}^{(00)} + m_{002}^{(11)}m_{201}^{(21)}m_{220}^{(20)}\\
&-2m_{002}^{(11)}m_{201}^{(21)}m_{211}^{(10)} + m_{002}^{(11)}m_{201}^{(21)}m_{121}^{(00)} - m_{002}^{(11)}m_{120}^{(00)}m_{211}^{(22)} + m_{002}^{(11)}m_{120}^{(00)}m_{112}^{(20)}\\
&+m_{002}^{(11)}m_{120}^{(10)}m_{301}^{(22)} - m_{002}^{(11)}m_{120}^{(10)}m_{202}^{(20)} + m_{002}^{(11)}m_{120}^{(20)}m_{211}^{(20)} - m_{002}^{(11)}m_{120}^{(20)}m_{112}^{(00)}\\
&-m_{002}^{(11)}m_{120}^{(21)}m_{301}^{(20)} + m_{002}^{(11)}m_{120}^{(21)}m_{202}^{(00)} - 2m_{002}^{(11)}m_{111}^{(00)}m_{220}^{(22)} + 2m_{002}^{(11)}m_{111}^{(00)}m_{211}^{(21)}\\
&+2m_{002}^{(11)}m_{111}^{(10)}m_{310}^{(22)} - 2m_{002}^{(11)}m_{111}^{(10)}m_{301}^{(21)} + 2m_{002}^{(11)}m_{111}^{(20)}m_{220}^{(20)} - 2m_{002}^{(11)}m_{111}^{(20)}m_{211}^{(10)}\\
&-2m_{002}^{(11)}m_{111}^{(21)}m_{310}^{(20)} + 2m_{002}^{(11)}m_{111}^{(21)}m_{301}^{(10)} + m_{002}^{(11)}m_{102}^{(00)}m_{220}^{(21)} - m_{002}^{(11)}m_{102}^{(00)}m_{130}^{(20)}\\
&-m_{002}^{(11)}m_{102}^{(10)}m_{310}^{(21)} + m_{002}^{(11)}m_{102}^{(10)}m_{220}^{(20)} - m_{002}^{(11)}m_{102}^{(20)}m_{220}^{(10)} + m_{002}^{(11)}m_{102}^{(20)}m_{130}^{(00)}\\
&+m_{002}^{(11)}m_{102}^{(21)}m_{310}^{(10)} - m_{002}^{(11)}m_{102}^{(21)}m_{220}^{(00)} + m_{002}^{(11)}m_{021}^{(00)}m_{310}^{(22)} - m_{002}^{(11)}m_{021}^{(00)}m_{211}^{(20)}\\
&-m_{002}^{(11)}m_{021}^{(10)}m_{400}^{(22)} + m_{002}^{(11)}m_{021}^{(10)}m_{301}^{(20)} - m_{002}^{(11)}m_{021}^{(20)}m_{310}^{(20)} + m_{002}^{(11)}m_{021}^{(20)}m_{211}^{(00)}\\
&+m_{002}^{(11)}m_{021}^{(21)}m_{400}^{(20)} - m_{002}^{(11)}m_{021}^{(21)}m_{301}^{(00)} - m_{002}^{(11)}m_{012}^{(00)}m_{310}^{(21)} + m_{002}^{(11)}m_{012}^{(00)}m_{220}^{(20)}\\
&+m_{002}^{(11)}m_{012}^{(10)}m_{400}^{(21)} - m_{002}^{(11)}m_{012}^{(10)}m_{310}^{(20)} + m_{002}^{(11)}m_{012}^{(20)}m_{310}^{(10)} - m_{002}^{(11)}m_{012}^{(20)}m_{220}^{(00)}\\
&-m_{002}^{(11)}m_{012}^{(21)}m_{400}^{(10)} + m_{002}^{(11)}m_{012}^{(21)}m_{310}^{(00)} - m_{002}^{(20)}m_{300}^{(10)}m_{040}^{(22)} + m_{002}^{(20)}m_{300}^{(10)}m_{031}^{(21)}\\
&+m_{002}^{(20)}m_{300}^{(11)}m_{130}^{(22)} - m_{002}^{(20)}m_{300}^{(11)}m_{121}^{(21)} + m_{002}^{(20)}m_{300}^{(20)}m_{040}^{(21)} - m_{002}^{(20)}m_{300}^{(20)}m_{031}^{(11)}\\
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&+3m_{002}^{(20)}m_{210}^{(10)}m_{130}^{(22)} - m_{002}^{(20)}m_{210}^{(10)}m_{121}^{(21)} - m_{002}^{(20)}m_{210}^{(10)}m_{112}^{(11)} - m_{002}^{(20)}m_{210}^{(10)}m_{022}^{(10)}\\
&-3m_{002}^{(20)}m_{210}^{(11)}m_{220}^{(22)} + 2m_{002}^{(20)}m_{210}^{(11)}m_{211}^{(21)} + m_{002}^{(20)}m_{210}^{(11)}m_{112}^{(10)} - 3m_{002}^{(20)}m_{210}^{(20)}m_{130}^{(21)}\\
&+2m_{002}^{(20)}m_{210}^{(20)}m_{121}^{(11)} + m_{002}^{(20)}m_{210}^{(20)}m_{031}^{(10)} + 3m_{002}^{(20)}m_{210}^{(21)}m_{220}^{(21)} - 2m_{002}^{(20)}m_{210}^{(21)}m_{211}^{(11)}
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\begin{aligned}
&-m_{002}^{(20)}m_{210}^{(21)}m_{121}^{(10)}+m_{002}^{(20)}m_{201}^{(00)}m_{040}^{(21)}-m_{002}^{(20)}m_{201}^{(00)}m_{031}^{(11)}-2m_{002}^{(20)}m_{201}^{(10)}m_{130}^{(21)}\\
&+m_{002}^{(20)}m_{201}^{(10)}m_{121}^{(11)}+m_{002}^{(20)}m_{201}^{(10)}m_{031}^{(10)}+m_{002}^{(20)}m_{201}^{(11)}m_{220}^{(21)}-m_{002}^{(20)}m_{201}^{(11)}m_{121}^{(10)}\\
&+m_{002}^{(20)}m_{201}^{(20)}m_{130}^{(11)}-m_{002}^{(20)}m_{201}^{(20)}m_{040}^{(10)}-m_{002}^{(20)}m_{201}^{(21)}m_{220}^{(11)}+m_{002}^{(20)}m_{201}^{(21)}m_{130}^{(10)}\\
&+2m_{002}^{(20)}m_{120}^{(00)}m_{121}^{(21)}-m_{002}^{(20)}m_{120}^{(00)}m_{112}^{(11)}-m_{002}^{(20)}m_{120}^{(00)}m_{022}^{(10)}-3m_{002}^{(20)}m_{120}^{(10)}m_{220}^{(22)}\\
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&+3m_{002}^{(20)}m_{120}^{(11)}m_{310}^{(22)}-m_{002}^{(20)}m_{120}^{(11)}m_{301}^{(21)}-m_{002}^{(20)}m_{120}^{(11)}m_{202}^{(10)}-m_{002}^{(20)}m_{120}^{(11)}m_{112}^{(00)}\\
&+3m_{002}^{(20)}m_{120}^{(20)}m_{220}^{(21)}-m_{002}^{(20)}m_{120}^{(20)}m_{211}^{(11)}-2m_{002}^{(20)}m_{120}^{(20)}m_{121}^{(10)}-3m_{002}^{(20)}m_{120}^{(21)}m_{310}^{(21)}\\
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&+4m_{002}^{(20)}m_{111}^{(10)}m_{220}^{(21)}-2m_{002}^{(20)}m_{111}^{(10)}m_{121}^{(10)}-2m_{002}^{(20)}m_{111}^{(10)}m_{031}^{(00)}-2m_{002}^{(20)}m_{111}^{(11)}m_{310}^{(21)}\\
&+2m_{002}^{(20)}m_{111}^{(11)}m_{121}^{(00)}-2m_{002}^{(20)}m_{111}^{(20)}m_{220}^{(11)}+2m_{002}^{(20)}m_{111}^{(20)}m_{130}^{(10)}+2m_{002}^{(20)}m_{111}^{(21)}m_{310}^{(11)}\\
&-2m_{002}^{(20)}m_{111}^{(21)}m_{220}^{(10)}+m_{002}^{(20)}m_{102}^{(00)}m_{130}^{(11)}-m_{002}^{(20)}m_{102}^{(00)}m_{040}^{(10)}-m_{002}^{(20)}m_{102}^{(10)}m_{220}^{(11)}\\
&+m_{002}^{(20)}m_{102}^{(10)}m_{040}^{(00)}+m_{002}^{(20)}m_{102}^{(11)}m_{220}^{(10)}-m_{002}^{(20)}m_{102}^{(11)}m_{130}^{(00)}-m_{002}^{(20)}m_{030}^{(00)}m_{211}^{(21)}\\
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&+m_{002}^{(20)}m_{030}^{(20)}m_{211}^{(10)}+m_{002}^{(20)}m_{030}^{(21)}m_{400}^{(21)}-m_{002}^{(20)}m_{030}^{(21)}m_{301}^{(10)}+m_{002}^{(20)}m_{021}^{(00)}m_{220}^{(21)}\\
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&+m_{002}^{(20)}m_{021}^{(10)}m_{211}^{(10)}+2m_{002}^{(20)}m_{021}^{(10)}m_{121}^{(00)}+m_{002}^{(20)}m_{021}^{(11)}m_{400}^{(21)}+m_{002}^{(20)}m_{021}^{(11)}m_{301}^{(10)}\\
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&+m_{002}^{(20)}m_{021}^{(21)}m_{310}^{(10)}-m_{002}^{(20)}m_{012}^{(00)}m_{220}^{(11)}+m_{002}^{(20)}m_{012}^{(00)}m_{130}^{(10)}+m_{002}^{(20)}m_{012}^{(10)}m_{310}^{(11)}\\
&-m_{002}^{(20)}m_{012}^{(10)}m_{130}^{(00)}-m_{002}^{(20)}m_{012}^{(11)}m_{310}^{(10)}+m_{002}^{(20)}m_{012}^{(11)}m_{220}^{(00)}+m_{002}^{(21)}m_{300}^{(00)}m_{040}^{(22)}\\
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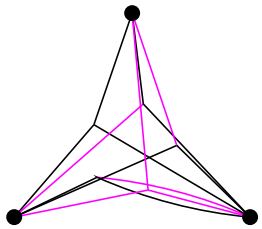
&+m_{002}^{(21)}m_{300}^{(20)}m_{031}^{(10)}+m_{002}^{(21)}m_{300}^{(21)}m_{130}^{(20)}-m_{002}^{(21)}m_{300}^{(21)}m_{121}^{(10)}-3m_{002}^{(21)}m_{210}^{(00)}m_{130}^{(22)}\\
&+m_{002}^{(21)}m_{210}^{(00)}m_{112}^{(11)}+m_{002}^{(21)}m_{210}^{(00)}m_{031}^{(20)}+m_{002}^{(21)}m_{210}^{(00)}m_{022}^{(10)}+3m_{002}^{(21)}m_{210}^{(10)}m_{220}^{(22)}\\
&-m_{002}^{(21)}m_{210}^{(10)}m_{202}^{(11)}+m_{002}^{(21)}m_{210}^{(10)}m_{121}^{(20)}-2m_{002}^{(21)}m_{210}^{(10)}m_{112}^{(10)}-m_{002}^{(21)}m_{210}^{(10)}m_{022}^{(00)}\\
&-2m_{002}^{(21)}m_{210}^{(11)}m_{211}^{(20)}+m_{002}^{(21)}m_{210}^{(11)}m_{202}^{(10)}+m_{002}^{(21)}m_{210}^{(11)}m_{112}^{(00)}+3m_{002}^{(21)}m_{210}^{(20)}m_{130}^{(20)}\\
&-2m_{002}^{(21)}m_{210}^{(20)}m_{121}^{(10)}-m_{002}^{(21)}m_{210}^{(20)}m_{031}^{(00)}-3m_{002}^{(21)}m_{210}^{(21)}m_{220}^{(20)}+2m_{002}^{(21)}m_{210}^{(21)}m_{211}^{(10)}\\
&+m_{002}^{(21)}m_{210}^{(21)}m_{121}^{(00)}+2m_{002}^{(21)}m_{201}^{(00)}m_{121}^{(11)}-m_{002}^{(21)}m_{201}^{(00)}m_{040}^{(20)}-m_{002}^{(21)}m_{201}^{(00)}m_{031}^{(10)}\\
&-2m_{002}^{(21)}m_{201}^{(10)}m_{211}^{(11)}+2m_{002}^{(21)}m_{201}^{(10)}m_{130}^{(20)}-m_{002}^{(21)}m_{201}^{(10)}m_{121}^{(10)}+m_{002}^{(21)}m_{201}^{(10)}m_{031}^{(00)}\\
&-m_{002}^{(21)}m_{201}^{(11)}m_{220}^{(20)}+2m_{002}^{(21)}m_{201}^{(11)}m_{211}^{(10)}-m_{002}^{(21)}m_{201}^{(11)}m_{121}^{(00)}-m_{002}^{(21)}m_{201}^{(20)}m_{130}^{(10)}\\
&+m_{002}^{(21)}m_{201}^{(20)}m_{040}^{(00)}+m_{002}^{(21)}m_{201}^{(21)}m_{220}^{(10)}-m_{002}^{(21)}m_{201}^{(21)}m_{130}^{(00)}+3m_{002}^{(21)}m_{120}^{(00)}m_{220}^{(22)}\\
&-2m_{002}^{(21)}m_{120}^{(00)}m_{121}^{(20)}-m_{002}^{(21)}m_{120}^{(00)}m_{112}^{(10)}-3m_{002}^{(21)}m_{120}^{(10)}m_{310}^{(22)}+m_{002}^{(21)}m_{120}^{(10)}m_{211}^{(20)}\\
&+m_{002}^{(21)}m_{120}^{(10)}m_{202}^{(10)}+m_{002}^{(21)}m_{120}^{(10)}m_{112}^{(00)}+m_{002}^{(21)}m_{120}^{(11)}m_{301}^{(20)}-m_{002}^{(21)}m_{120}^{(11)}m_{202}^{(00)}\\
&-3m_{002}^{(21)}m_{120}^{(20)}m_{220}^{(20)}+m_{002}^{(21)}m_{120}^{(20)}m_{211}^{(10)}+2m_{002}^{(21)}m_{120}^{(20)}m_{121}^{(00)}+3m_{002}^{(21)}m_{120}^{(21)}m_{310}^{(20)}\\
&-m_{002}^{(21)}m_{120}^{(21)}m_{301}^{(10)}-2m_{002}^{(21)}m_{120}^{(21)}m_{211}^{(00)}-2m_{002}^{(21)}m_{111}^{(00)}m_{211}^{(11)}+2m_{002}^{(21)}m_{111}^{(00)}m_{130}^{(20)}\\
&+2m_{002}^{(21)}m_{111}^{(10)}m_{301}^{(11)}-4m_{002}^{(21)}m_{111}^{(10)}m_{220}^{(20)}+2m_{002}^{(21)}m_{111}^{(10)}m_{211}^{(10)}+2m_{002}^{(21)}m_{111}^{(11)}m_{310}^{(20)}\\
&-2m_{002}^{(21)}m_{111}^{(11)}m_{301}^{(10)}+2m_{002}^{(21)}m_{111}^{(20)}m_{220}^{(10)}-2m_{002}^{(21)}m_{111}^{(20)}m_{130}^{(00)}-2m_{002}^{(21)}m_{111}^{(21)}m_{310}^{(10)}\\
&+2m_{002}^{(21)}m_{111}^{(21)}m_{220}^{(00)}-m_{002}^{(21)}m_{102}^{(00)}m_{220}^{(11)}+m_{002}^{(21)}m_{102}^{(00)}m_{130}^{(10)}+m_{002}^{(21)}m_{102}^{(10)}m_{310}^{(11)}
\end{aligned}
$$

$$
\begin{aligned}
&-m_{002}^{(21)}m_{102}^{(10)}m_{130}^{(00)} - m_{002}^{(21)}m_{102}^{(11)}m_{310}^{(10)} + m_{002}^{(21)}m_{102}^{(11)}m_{220}^{(00)} - m_{002}^{(21)}m_{030}^{(00)}m_{310}^{(22)}\\
&+m_{002}^{(21)}m_{030}^{(00)}m_{211}^{(20)} + m_{002}^{(21)}m_{030}^{(10)}m_{400}^{(22)} - m_{002}^{(21)}m_{030}^{(10)}m_{301}^{(20)} + m_{002}^{(21)}m_{030}^{(20)}m_{310}^{(20)}\\
&-m_{002}^{(21)}m_{030}^{(20)}m_{211}^{(00)} - m_{002}^{(21)}m_{030}^{(21)}m_{400}^{(20)} + m_{002}^{(21)}m_{030}^{(21)}m_{301}^{(00)} - m_{002}^{(21)}m_{021}^{(00)}m_{220}^{(20)}\\
&+m_{002}^{(21)}m_{021}^{(00)}m_{211}^{(10)} + 2m_{002}^{(21)}m_{021}^{(10)}m_{310}^{(20)} - m_{002}^{(21)}m_{021}^{(10)}m_{301}^{(10)} - m_{002}^{(21)}m_{021}^{(10)}m_{211}^{(00)}\\
&-m_{002}^{(21)}m_{021}^{(11)}m_{400}^{(20)} + m_{002}^{(21)}m_{021}^{(11)}m_{301}^{(00)} - m_{002}^{(21)}m_{021}^{(20)}m_{310}^{(10)} + m_{002}^{(21)}m_{021}^{(20)}m_{220}^{(00)}\\
&+m_{002}^{(21)}m_{021}^{(21)}m_{400}^{(10)} - m_{002}^{(21)}m_{021}^{(21)}m_{310}^{(00)} + m_{002}^{(21)}m_{012}^{(00)}m_{310}^{(11)} - m_{002}^{(21)}m_{012}^{(00)}m_{220}^{(10)}\\
&-m_{002}^{(21)}m_{012}^{(10)}m_{400}^{(11)} + m_{002}^{(21)}m_{012}^{(10)}m_{220}^{(00)} + m_{002}^{(21)}m_{012}^{(11)}m_{400}^{(10)} - m_{002}^{(21)}m_{012}^{(11)}m_{310}^{(00)}\\
&-m_{002}^{(22)}m_{300}^{(00)}m_{040}^{(21)} + m_{002}^{(22)}m_{300}^{(00)}m_{031}^{(11)} + m_{002}^{(22)}m_{300}^{(10)}m_{130}^{(21)} - m_{002}^{(22)}m_{300}^{(10)}m_{121}^{(11)}\\
&+m_{002}^{(22)}m_{300}^{(10)}m_{040}^{(20)} - m_{002}^{(22)}m_{300}^{(10)}m_{031}^{(10)} - m_{002}^{(22)}m_{300}^{(11)}m_{130}^{(20)} + m_{002}^{(22)}m_{300}^{(11)}m_{121}^{(10)}\\
&+3m_{002}^{(22)}m_{210}^{(00)}m_{130}^{(21)} - 2m_{002}^{(22)}m_{210}^{(00)}m_{121}^{(11)} - m_{002}^{(22)}m_{210}^{(00)}m_{031}^{(10)} - 3m_{002}^{(22)}m_{210}^{(10)}m_{220}^{(21)}\\
&+2m_{002}^{(22)}m_{210}^{(10)}m_{211}^{(11)} - 3m_{002}^{(22)}m_{210}^{(10)}m_{130}^{(20)} + 3m_{002}^{(22)}m_{210}^{(10)}m_{121}^{(10)} + m_{002}^{(22)}m_{210}^{(10)}m_{031}^{(00)}\\
&+3m_{002}^{(22)}m_{210}^{(11)}m_{220}^{(20)} - 2m_{002}^{(22)}m_{210}^{(11)}m_{211}^{(10)} - m_{002}^{(22)}m_{210}^{(11)}m_{121}^{(00)} - m_{002}^{(22)}m_{201}^{(00)}m_{130}^{(11)}\\
&+m_{002}^{(22)}m_{201}^{(00)}m_{040}^{(10)} + m_{002}^{(22)}m_{201}^{(10)}m_{220}^{(11)} - m_{002}^{(22)}m_{201}^{(10)}m_{040}^{(00)} - m_{002}^{(22)}m_{201}^{(11)}m_{220}^{(10)}\\
&+m_{002}^{(22)}m_{201}^{(11)}m_{130}^{(00)} - 3m_{002}^{(22)}m_{120}^{(00)}m_{220}^{(21)} + m_{002}^{(22)}m_{120}^{(00)}m_{211}^{(11)} + 2m_{002}^{(22)}m_{120}^{(00)}m_{121}^{(10)}\\
&+3m_{002}^{(22)}m_{120}^{(10)}m_{310}^{(21)} - m_{002}^{(22)}m_{120}^{(10)}m_{301}^{(11)} + 3m_{002}^{(22)}m_{120}^{(10)}m_{220}^{(20)} - 3m_{002}^{(22)}m_{120}^{(10)}m_{211}^{(10)}\\
&-2m_{002}^{(22)}m_{120}^{(10)}m_{121}^{(00)} - 3m_{002}^{(22)}m_{120}^{(11)}m_{310}^{(20)} + m_{002}^{(22)}m_{120}^{(11)}m_{301}^{(10)} + 2m_{002}^{(22)}m_{120}^{(11)}m_{211}^{(00)}\\
&+2m_{002}^{(22)}m_{111}^{(00)}m_{220}^{(11)} - 2m_{002}^{(22)}m_{111}^{(00)}m_{130}^{(10)} - 2m_{002}^{(22)}m_{111}^{(10)}m_{310}^{(11)} + 2m_{002}^{(22)}m_{111}^{(10)}m_{130}^{(00)}\\
&+2m_{002}^{(22)}m_{111}^{(11)}m_{310}^{(10)} - 2m_{002}^{(22)}m_{111}^{(11)}m_{220}^{(00)} + m_{002}^{(22)}m_{030}^{(00)}m_{310}^{(21)} - m_{002}^{(22)}m_{030}^{(00)}m_{211}^{(10)}\\
&-m_{002}^{(22)}m_{030}^{(10)}m_{400}^{(21)} - m_{002}^{(22)}m_{030}^{(10)}m_{310}^{(20)} + m_{002}^{(22)}m_{030}^{(10)}m_{301}^{(10)} + m_{002}^{(22)}m_{030}^{(10)}m_{211}^{(00)}\\
&+m_{002}^{(22)}m_{030}^{(11)}m_{400}^{(20)} - m_{002}^{(22)}m_{030}^{(11)}m_{301}^{(00)} - m_{002}^{(22)}m_{021}^{(00)}m_{310}^{(11)} + m_{002}^{(22)}m_{021}^{(00)}m_{220}^{(10)}\\
&+m_{002}^{(22)}m_{021}^{(10)}m_{400}^{(11)} - m_{002}^{(22)}m_{021}^{(10)}m_{220}^{(00)} - m_{002}^{(22)}m_{021}^{(11)}m_{400}^{(10)} + m_{002}^{(22)}m_{021}^{(11)}m_{310}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{ccccc}
V1 & 1 & V1 & 1 & 1\\
V2 & V2 & 2 & 2 & V3\\
V3 & 3 & 3 & 3 & 3
\end{array}
$$



$$
\begin{aligned}
T_{130} \;=\;& m_{200}^{(00)}m_{120}^{(11)}m_{013}^{(22)} - m_{200}^{(00)}m_{120}^{(11)}m_{004}^{(21)} - 2m_{200}^{(00)}m_{120}^{(21)}m_{022}^{(22)} + 2m_{200}^{(00)}m_{120}^{(21)}m_{013}^{(21)}\\
&+m_{200}^{(00)}m_{120}^{(22)}m_{031}^{(22)} - m_{200}^{(00)}m_{120}^{(22)}m_{022}^{(21)} - m_{200}^{(00)}m_{111}^{(11)}m_{022}^{(22)} + m_{200}^{(00)}m_{111}^{(11)}m_{004}^{(11)}
\end{aligned}
$$

$$
\begin{aligned}
&+2m_{200}^{(00)}m_{111}^{(21)}m_{031}^{(22)} - 2m_{200}^{(00)}m_{111}^{(21)}m_{013}^{(11)} - m_{200}^{(00)}m_{111}^{(22)}m_{040}^{(22)} + m_{200}^{(00)}m_{111}^{(22)}m_{022}^{(11)}\\
&+m_{200}^{(00)}m_{102}^{(11)}m_{022}^{(21)} - m_{200}^{(00)}m_{102}^{(11)}m_{013}^{(11)} - 2m_{200}^{(00)}m_{102}^{(21)}m_{031}^{(21)} + 2m_{200}^{(00)}m_{102}^{(21)}m_{022}^{(11)}\\
&+m_{200}^{(00)}m_{102}^{(22)}m_{040}^{(21)} - m_{200}^{(00)}m_{102}^{(22)}m_{031}^{(11)} - m_{200}^{(00)}m_{030}^{(10)}m_{013}^{(22)} + m_{200}^{(00)}m_{030}^{(10)}m_{004}^{(21)}\\
&+m_{200}^{(00)}m_{030}^{(20)}m_{022}^{(22)} - m_{200}^{(00)}m_{030}^{(20)}m_{013}^{(21)} + m_{200}^{(00)}m_{030}^{(21)}m_{112}^{(22)} - m_{200}^{(00)}m_{030}^{(21)}m_{103}^{(21)}\\
&-m_{200}^{(00)}m_{030}^{(22)}m_{121}^{(22)} + m_{200}^{(00)}m_{030}^{(22)}m_{112}^{(21)} + 2m_{200}^{(00)}m_{021}^{(10)}m_{022}^{(22)} - m_{200}^{(00)}m_{021}^{(10)}m_{013}^{(21)}\\
&-m_{200}^{(00)}m_{021}^{(10)}m_{004}^{(11)} - m_{200}^{(00)}m_{021}^{(11)}m_{112}^{(22)} + m_{200}^{(00)}m_{021}^{(11)}m_{103}^{(21)} - 2m_{200}^{(00)}m_{021}^{(20)}m_{031}^{(22)}\\
&+m_{200}^{(00)}m_{021}^{(20)}m_{022}^{(21)} + m_{200}^{(00)}m_{021}^{(20)}m_{013}^{(11)} - m_{200}^{(00)}m_{021}^{(21)}m_{112}^{(21)} + m_{200}^{(00)}m_{021}^{(21)}m_{103}^{(11)}\\
&+m_{200}^{(00)}m_{021}^{(22)}m_{130}^{(22)} - m_{200}^{(00)}m_{021}^{(22)}m_{112}^{(11)} - m_{200}^{(00)}m_{012}^{(10)}m_{031}^{(22)} - m_{200}^{(00)}m_{012}^{(10)}m_{022}^{(21)}\\
&+2m_{200}^{(00)}m_{012}^{(10)}m_{013}^{(11)} + m_{200}^{(00)}m_{012}^{(11)}m_{121}^{(22)} - m_{200}^{(00)}m_{012}^{(11)}m_{103}^{(11)} + m_{200}^{(00)}m_{012}^{(20)}m_{040}^{(22)}\\
&+m_{200}^{(00)}m_{012}^{(20)}m_{031}^{(21)} - 2m_{200}^{(00)}m_{012}^{(20)}m_{022}^{(11)} - m_{200}^{(00)}m_{012}^{(21)}m_{130}^{(22)} + m_{200}^{(00)}m_{012}^{(21)}m_{121}^{(21)}\\
&-m_{200}^{(00)}m_{012}^{(22)}m_{130}^{(21)} + m_{200}^{(00)}m_{012}^{(22)}m_{121}^{(11)} + m_{200}^{(00)}m_{003}^{(10)}m_{031}^{(21)} - m_{200}^{(00)}m_{003}^{(10)}m_{022}^{(11)}\\
&-m_{200}^{(00)}m_{003}^{(11)}m_{121}^{(21)} + m_{200}^{(00)}m_{003}^{(11)}m_{112}^{(11)} - m_{200}^{(00)}m_{003}^{(20)}m_{040}^{(21)} + m_{200}^{(00)}m_{003}^{(20)}m_{031}^{(11)}\\
&+m_{200}^{(00)}m_{003}^{(21)}m_{130}^{(21)} - m_{200}^{(00)}m_{003}^{(21)}m_{121}^{(11)} - m_{200}^{(10)}m_{210}^{(11)}m_{013}^{(22)} + m_{200}^{(10)}m_{210}^{(11)}m_{004}^{(21)}\\
&+2m_{200}^{(10)}m_{210}^{(21)}m_{022}^{(22)} - 2m_{200}^{(10)}m_{210}^{(21)}m_{013}^{(21)} - m_{200}^{(10)}m_{210}^{(22)}m_{031}^{(22)} + m_{200}^{(10)}m_{210}^{(22)}m_{022}^{(21)}\\
&+m_{200}^{(10)}m_{201}^{(11)}m_{013}^{(21)} - m_{200}^{(10)}m_{201}^{(11)}m_{004}^{(11)} - 2m_{200}^{(10)}m_{201}^{(21)}m_{022}^{(21)} + 2m_{200}^{(10)}m_{201}^{(21)}m_{013}^{(11)}\\
&+m_{200}^{(10)}m_{201}^{(22)}m_{031}^{(21)} - m_{200}^{(10)}m_{201}^{(22)}m_{022}^{(11)} + m_{200}^{(10)}m_{120}^{(10)}m_{013}^{(22)} - m_{200}^{(10)}m_{120}^{(10)}m_{004}^{(21)}\\
&-m_{200}^{(10)}m_{120}^{(11)}m_{103}^{(22)} + m_{200}^{(10)}m_{120}^{(11)}m_{004}^{(20)} - m_{200}^{(10)}m_{120}^{(20)}m_{022}^{(22)} + m_{200}^{(10)}m_{120}^{(20)}m_{013}^{(21)}\\
&+m_{200}^{(10)}m_{120}^{(21)}m_{112}^{(22)} + m_{200}^{(10)}m_{120}^{(21)}m_{103}^{(21)} - 2m_{200}^{(10)}m_{120}^{(21)}m_{013}^{(20)} - m_{200}^{(10)}m_{120}^{(22)}m_{112}^{(21)}\\
&+m_{200}^{(10)}m_{120}^{(22)}m_{022}^{(20)} - m_{200}^{(10)}m_{111}^{(10)}m_{022}^{(22)} + m_{200}^{(10)}m_{111}^{(10)}m_{004}^{(11)} + 3m_{200}^{(10)}m_{111}^{(11)}m_{112}^{(22)}\\
&-m_{200}^{(10)}m_{111}^{(11)}m_{103}^{(21)} - m_{200}^{(10)}m_{111}^{(11)}m_{013}^{(20)} - m_{200}^{(10)}m_{111}^{(11)}m_{004}^{(10)} + m_{200}^{(10)}m_{111}^{(20)}m_{031}^{(22)}\\
&-m_{200}^{(10)}m_{111}^{(20)}m_{013}^{(11)} - 5m_{200}^{(10)}m_{111}^{(21)}m_{121}^{(22)} + 2m_{200}^{(10)}m_{111}^{(21)}m_{112}^{(21)} - m_{200}^{(10)}m_{111}^{(21)}m_{103}^{(11)}\\
&+2m_{200}^{(10)}m_{111}^{(21)}m_{022}^{(20)} + 2m_{200}^{(10)}m_{111}^{(21)}m_{013}^{(10)} + 2m_{200}^{(10)}m_{111}^{(22)}m_{130}^{(22)} - m_{200}^{(10)}m_{111}^{(22)}m_{121}^{(21)}\\
&+m_{200}^{(10)}m_{111}^{(22)}m_{112}^{(11)} - m_{200}^{(10)}m_{111}^{(22)}m_{031}^{(20)} - m_{200}^{(10)}m_{111}^{(22)}m_{022}^{(10)} + m_{200}^{(10)}m_{102}^{(10)}m_{022}^{(21)}\\
&-m_{200}^{(10)}m_{102}^{(10)}m_{013}^{(11)} - 3m_{200}^{(10)}m_{102}^{(11)}m_{112}^{(21)} + 2m_{200}^{(10)}m_{102}^{(11)}m_{103}^{(11)} + m_{200}^{(10)}m_{102}^{(11)}m_{013}^{(10)}\\
&-m_{200}^{(10)}m_{102}^{(20)}m_{031}^{(21)} + m_{200}^{(10)}m_{102}^{(20)}m_{022}^{(11)} + 5m_{200}^{(10)}m_{102}^{(21)}m_{121}^{(21)} - 3m_{200}^{(10)}m_{102}^{(21)}m_{112}^{(11)}\\
&-2m_{200}^{(10)}m_{102}^{(21)}m_{022}^{(10)} - 2m_{200}^{(10)}m_{102}^{(22)}m_{130}^{(21)} + m_{200}^{(10)}m_{102}^{(22)}m_{121}^{(11)} + m_{200}^{(10)}m_{102}^{(22)}m_{031}^{(10)}\\
&+m_{200}^{(10)}m_{030}^{(10)}m_{103}^{(22)} - m_{200}^{(10)}m_{030}^{(10)}m_{004}^{(20)} - m_{200}^{(10)}m_{030}^{(20)}m_{112}^{(22)} + m_{200}^{(10)}m_{030}^{(20)}m_{013}^{(20)}\\
&-m_{200}^{(10)}m_{030}^{(21)}m_{202}^{(22)} + m_{200}^{(10)}m_{030}^{(21)}m_{103}^{(20)} + m_{200}^{(10)}m_{030}^{(22)}m_{211}^{(22)} - m_{200}^{(10)}m_{030}^{(22)}m_{112}^{(20)}\\
&-3m_{200}^{(10)}m_{021}^{(10)}m_{112}^{(22)} + 2m_{200}^{(10)}m_{021}^{(10)}m_{013}^{(20)} + m_{200}^{(10)}m_{021}^{(10)}m_{004}^{(10)} + m_{200}^{(10)}m_{021}^{(11)}m_{202}^{(22)}\\
&-m_{200}^{(10)}m_{021}^{(11)}m_{103}^{(20)} + 3m_{200}^{(10)}m_{021}^{(20)}m_{121}^{(22)} - 2m_{200}^{(10)}m_{021}^{(20)}m_{022}^{(20)} - m_{200}^{(10)}m_{021}^{(20)}m_{013}^{(10)}\\
&+m_{200}^{(10)}m_{021}^{(21)}m_{211}^{(22)} - m_{200}^{(10)}m_{021}^{(21)}m_{103}^{(10)} - 2m_{200}^{(10)}m_{021}^{(22)}m_{220}^{(22)} + m_{200}^{(10)}m_{021}^{(22)}m_{121}^{(20)}\\
&+m_{200}^{(10)}m_{021}^{(22)}m_{112}^{(10)} + 2m_{200}^{(10)}m_{012}^{(10)}m_{121}^{(22)} + 2m_{200}^{(10)}m_{012}^{(10)}m_{112}^{(21)} - m_{200}^{(10)}m_{012}^{(10)}m_{103}^{(11)}\\
&-m_{200}^{(10)}m_{012}^{(10)}m_{022}^{(20)} - 2m_{200}^{(10)}m_{012}^{(10)}m_{013}^{(10)} - 2m_{200}^{(10)}m_{012}^{(11)}m_{211}^{(22)} + m_{200}^{(10)}m_{012}^{(11)}m_{112}^{(20)}\\
&+m_{200}^{(10)}m_{012}^{(11)}m_{103}^{(10)} - 2m_{200}^{(10)}m_{012}^{(20)}m_{130}^{(22)} - 2m_{200}^{(10)}m_{012}^{(20)}m_{121}^{(21)} + m_{200}^{(10)}m_{012}^{(20)}m_{112}^{(11)}\\
&+m_{200}^{(10)}m_{012}^{(20)}m_{031}^{(20)} + 2m_{200}^{(10)}m_{012}^{(20)}m_{022}^{(10)} + 2m_{200}^{(10)}m_{012}^{(21)}m_{220}^{(22)} - 2m_{200}^{(10)}m_{012}^{(21)}m_{211}^{(21)}\\
&+m_{200}^{(10)}m_{012}^{(21)}m_{202}^{(11)} - m_{200}^{(10)}m_{012}^{(21)}m_{121}^{(20)} + 2m_{200}^{(10)}m_{012}^{(22)}m_{220}^{(21)} - m_{200}^{(10)}m_{012}^{(22)}m_{211}^{(11)}\\
&-m_{200}^{(10)}m_{012}^{(22)}m_{121}^{(10)} - 2m_{200}^{(10)}m_{003}^{(10)}m_{121}^{(21)} + m_{200}^{(10)}m_{003}^{(10)}m_{112}^{(11)} + m_{200}^{(10)}m_{003}^{(10)}m_{022}^{(10)}\\
&+2m_{200}^{(10)}m_{003}^{(11)}m_{211}^{(21)} - m_{200}^{(10)}m_{003}^{(11)}m_{202}^{(11)} - m_{200}^{(10)}m_{003}^{(11)}m_{112}^{(10)} + 2m_{200}^{(10)}m_{003}^{(20)}m_{130}^{(21)}
\end{aligned}
$$

$$
\begin{aligned}
&-m_{200}^{(10)}m_{003}^{(20)}m_{121}^{(11)} - m_{200}^{(10)}m_{003}^{(20)}m_{031}^{(10)} - 2m_{200}^{(10)}m_{003}^{(21)}m_{220}^{(21)} + m_{200}^{(10)}m_{003}^{(21)}m_{211}^{(11)}\\
&+m_{200}^{(10)}m_{003}^{(21)}m_{121}^{(10)} + m_{200}^{(11)}m_{210}^{(11)}m_{103}^{(22)} - m_{200}^{(11)}m_{210}^{(11)}m_{004}^{(20)} - 2m_{200}^{(11)}m_{210}^{(21)}m_{112}^{(22)}\\
&+2m_{200}^{(11)}m_{210}^{(21)}m_{013}^{(20)} + m_{200}^{(11)}m_{210}^{(22)}m_{121}^{(22)} - m_{200}^{(11)}m_{210}^{(22)}m_{022}^{(20)} - m_{200}^{(11)}m_{201}^{(11)}m_{103}^{(21)}\\
&+m_{200}^{(11)}m_{201}^{(11)}m_{004}^{(10)} + 2m_{200}^{(11)}m_{201}^{(21)}m_{112}^{(21)} - 2m_{200}^{(11)}m_{201}^{(21)}m_{013}^{(10)} - m_{200}^{(11)}m_{201}^{(22)}m_{121}^{(21)}\\
&+m_{200}^{(11)}m_{201}^{(22)}m_{022}^{(10)} - m_{200}^{(11)}m_{120}^{(10)}m_{103}^{(22)} + m_{200}^{(11)}m_{120}^{(10)}m_{004}^{(20)} + m_{200}^{(11)}m_{120}^{(20)}m_{112}^{(22)}\\
&-m_{200}^{(11)}m_{120}^{(20)}m_{013}^{(20)} + m_{200}^{(11)}m_{120}^{(21)}m_{202}^{(22)} - m_{200}^{(11)}m_{120}^{(21)}m_{103}^{(20)} - m_{200}^{(11)}m_{120}^{(22)}m_{211}^{(22)}\\
&+m_{200}^{(11)}m_{120}^{(22)}m_{112}^{(20)} + m_{200}^{(11)}m_{111}^{(10)}m_{112}^{(22)} + m_{200}^{(11)}m_{111}^{(10)}m_{103}^{(21)} - m_{200}^{(11)}m_{111}^{(10)}m_{013}^{(20)}\\
&-m_{200}^{(11)}m_{111}^{(10)}m_{004}^{(10)} - 2m_{200}^{(11)}m_{111}^{(11)}m_{202}^{(22)} + 2m_{200}^{(11)}m_{111}^{(11)}m_{103}^{(20)} - m_{200}^{(11)}m_{111}^{(20)}m_{121}^{(22)}\\
&-m_{200}^{(11)}m_{111}^{(20)}m_{112}^{(21)} + m_{200}^{(11)}m_{111}^{(20)}m_{022}^{(20)} + m_{200}^{(11)}m_{111}^{(20)}m_{013}^{(10)} + 3m_{200}^{(11)}m_{111}^{(21)}m_{211}^{(22)}\\
&-m_{200}^{(11)}m_{111}^{(21)}m_{202}^{(21)} - 3m_{200}^{(11)}m_{111}^{(21)}m_{112}^{(20)} + m_{200}^{(11)}m_{111}^{(21)}m_{103}^{(10)} - m_{200}^{(11)}m_{111}^{(22)}m_{220}^{(22)}\\
&+m_{200}^{(11)}m_{111}^{(22)}m_{211}^{(21)} + m_{200}^{(11)}m_{111}^{(22)}m_{121}^{(20)} - m_{200}^{(11)}m_{111}^{(22)}m_{112}^{(10)} - m_{200}^{(11)}m_{102}^{(10)}m_{112}^{(21)}\\
&+m_{200}^{(11)}m_{102}^{(10)}m_{013}^{(10)} + 2m_{200}^{(11)}m_{102}^{(11)}m_{202}^{(21)} - 2m_{200}^{(11)}m_{102}^{(11)}m_{103}^{(10)} + m_{200}^{(11)}m_{102}^{(20)}m_{121}^{(21)}\\
&-m_{200}^{(11)}m_{102}^{(20)}m_{022}^{(10)} - 3m_{200}^{(11)}m_{102}^{(21)}m_{211}^{(21)} + 3m_{200}^{(11)}m_{102}^{(21)}m_{112}^{(10)} + m_{200}^{(11)}m_{102}^{(22)}m_{220}^{(21)}\\
&-m_{200}^{(11)}m_{102}^{(22)}m_{121}^{(10)} + m_{200}^{(11)}m_{021}^{(10)}m_{202}^{(22)} - m_{200}^{(11)}m_{021}^{(10)}m_{103}^{(20)} - m_{200}^{(11)}m_{021}^{(20)}m_{211}^{(22)}\\
&+m_{200}^{(11)}m_{021}^{(20)}m_{112}^{(20)} - m_{200}^{(11)}m_{021}^{(21)}m_{301}^{(22)} + m_{200}^{(11)}m_{021}^{(21)}m_{202}^{(20)} + m_{200}^{(11)}m_{021}^{(22)}m_{310}^{(22)}\\
&-m_{200}^{(11)}m_{021}^{(22)}m_{211}^{(20)} - m_{200}^{(11)}m_{012}^{(10)}m_{211}^{(22)} - m_{200}^{(11)}m_{012}^{(10)}m_{202}^{(21)} + m_{200}^{(11)}m_{012}^{(10)}m_{112}^{(20)}\\
&+m_{200}^{(11)}m_{012}^{(10)}m_{103}^{(10)} + m_{200}^{(11)}m_{012}^{(11)}m_{301}^{(22)} - m_{200}^{(11)}m_{012}^{(11)}m_{202}^{(20)} + m_{200}^{(11)}m_{012}^{(20)}m_{220}^{(22)}\\
&+m_{200}^{(11)}m_{012}^{(20)}m_{211}^{(21)} - m_{200}^{(11)}m_{012}^{(20)}m_{121}^{(20)} - m_{200}^{(11)}m_{012}^{(20)}m_{112}^{(10)} - m_{200}^{(11)}m_{012}^{(21)}m_{310}^{(22)}\\
&+m_{200}^{(11)}m_{012}^{(21)}m_{301}^{(21)} + m_{200}^{(11)}m_{012}^{(21)}m_{211}^{(20)} - m_{200}^{(11)}m_{012}^{(21)}m_{202}^{(10)} - m_{200}^{(11)}m_{012}^{(22)}m_{310}^{(21)}\\
&+m_{200}^{(11)}m_{012}^{(22)}m_{211}^{(10)} + m_{200}^{(11)}m_{003}^{(10)}m_{211}^{(21)} - m_{200}^{(11)}m_{003}^{(10)}m_{112}^{(10)} - m_{200}^{(11)}m_{003}^{(11)}m_{301}^{(21)}\\
&+m_{200}^{(11)}m_{003}^{(11)}m_{202}^{(10)} - m_{200}^{(11)}m_{003}^{(20)}m_{220}^{(21)} + m_{200}^{(11)}m_{003}^{(20)}m_{121}^{(10)} + m_{200}^{(11)}m_{003}^{(21)}m_{310}^{(21)}\\
&-m_{200}^{(11)}m_{003}^{(21)}m_{211}^{(10)} + m_{200}^{(20)}m_{210}^{(11)}m_{022}^{(22)} - m_{200}^{(20)}m_{210}^{(11)}m_{013}^{(21)} - 2m_{200}^{(20)}m_{210}^{(21)}m_{031}^{(22)}\\
&+2m_{200}^{(20)}m_{210}^{(21)}m_{022}^{(21)} + m_{200}^{(20)}m_{210}^{(22)}m_{040}^{(22)} - m_{200}^{(20)}m_{210}^{(22)}m_{031}^{(21)} - m_{200}^{(20)}m_{201}^{(11)}m_{022}^{(21)}\\
&+m_{200}^{(20)}m_{201}^{(11)}m_{013}^{(11)} + 2m_{200}^{(20)}m_{201}^{(21)}m_{031}^{(21)} - 2m_{200}^{(20)}m_{201}^{(21)}m_{022}^{(11)} - m_{200}^{(20)}m_{201}^{(22)}m_{040}^{(21)}\\
&+m_{200}^{(20)}m_{201}^{(22)}m_{031}^{(11)} - m_{200}^{(20)}m_{120}^{(10)}m_{022}^{(22)} + m_{200}^{(20)}m_{120}^{(10)}m_{013}^{(21)} - m_{200}^{(20)}m_{120}^{(11)}m_{112}^{(22)}\\
&+2m_{200}^{(20)}m_{120}^{(11)}m_{103}^{(21)} - m_{200}^{(20)}m_{120}^{(11)}m_{013}^{(20)} + m_{200}^{(20)}m_{120}^{(20)}m_{031}^{(22)} - m_{200}^{(20)}m_{120}^{(20)}m_{022}^{(21)}\\
&+3m_{200}^{(20)}m_{120}^{(21)}m_{121}^{(22)} - 5m_{200}^{(20)}m_{120}^{(21)}m_{112}^{(21)} + 2m_{200}^{(20)}m_{120}^{(21)}m_{022}^{(20)} - 2m_{200}^{(20)}m_{120}^{(22)}m_{130}^{(22)}\\
&+3m_{200}^{(20)}m_{120}^{(22)}m_{121}^{(21)} - m_{200}^{(20)}m_{120}^{(22)}m_{031}^{(20)} + m_{200}^{(20)}m_{111}^{(10)}m_{031}^{(22)} - m_{200}^{(20)}m_{111}^{(10)}m_{013}^{(11)}\\
&-m_{200}^{(20)}m_{111}^{(11)}m_{121}^{(22)} + m_{200}^{(20)}m_{111}^{(11)}m_{112}^{(21)} - 2m_{200}^{(20)}m_{111}^{(11)}m_{103}^{(11)} + m_{200}^{(20)}m_{111}^{(11)}m_{022}^{(20)}\\
&+m_{200}^{(20)}m_{111}^{(11)}m_{013}^{(10)} - m_{200}^{(20)}m_{111}^{(20)}m_{040}^{(22)} + m_{200}^{(20)}m_{111}^{(20)}m_{022}^{(11)} + m_{200}^{(20)}m_{111}^{(21)}m_{130}^{(22)}\\
&-2m_{200}^{(20)}m_{111}^{(21)}m_{121}^{(21)} + 5m_{200}^{(20)}m_{111}^{(21)}m_{112}^{(11)} - 2m_{200}^{(20)}m_{111}^{(21)}m_{031}^{(20)} - 2m_{200}^{(20)}m_{111}^{(21)}m_{022}^{(10)}\\
&+m_{200}^{(20)}m_{111}^{(22)}m_{130}^{(21)} - 3m_{200}^{(20)}m_{111}^{(22)}m_{121}^{(11)} + m_{200}^{(20)}m_{111}^{(22)}m_{040}^{(20)} + m_{200}^{(20)}m_{111}^{(22)}m_{031}^{(10)}\\
&-m_{200}^{(20)}m_{102}^{(10)}m_{031}^{(21)} + m_{200}^{(20)}m_{102}^{(10)}m_{022}^{(11)} + m_{200}^{(20)}m_{102}^{(11)}m_{121}^{(21)} - m_{200}^{(20)}m_{102}^{(11)}m_{022}^{(10)}\\
&+m_{200}^{(20)}m_{102}^{(20)}m_{040}^{(21)} - m_{200}^{(20)}m_{102}^{(20)}m_{031}^{(11)} - m_{200}^{(20)}m_{102}^{(21)}m_{130}^{(21)} - m_{200}^{(20)}m_{102}^{(21)}m_{121}^{(11)}\\
&+2m_{200}^{(20)}m_{102}^{(21)}m_{031}^{(10)} + m_{200}^{(20)}m_{102}^{(22)}m_{130}^{(11)} - m_{200}^{(20)}m_{102}^{(22)}m_{040}^{(10)} + m_{200}^{(20)}m_{030}^{(10)}m_{112}^{(22)}\\
&-2m_{200}^{(20)}m_{030}^{(10)}m_{103}^{(21)} + m_{200}^{(20)}m_{030}^{(10)}m_{013}^{(20)} - m_{200}^{(20)}m_{030}^{(20)}m_{121}^{(22)} + 2m_{200}^{(20)}m_{030}^{(20)}m_{112}^{(21)}\\
&-m_{200}^{(20)}m_{030}^{(20)}m_{022}^{(20)} - m_{200}^{(20)}m_{030}^{(21)}m_{211}^{(22)} + 2m_{200}^{(20)}m_{030}^{(21)}m_{202}^{(21)} - m_{200}^{(20)}m_{030}^{(21)}m_{112}^{(20)}\\
&+m_{200}^{(20)}m_{030}^{(22)}m_{220}^{(22)} - 2m_{200}^{(20)}m_{030}^{(22)}m_{211}^{(21)} + m_{200}^{(20)}m_{030}^{(22)}m_{121}^{(20)} - m_{200}^{(20)}m_{021}^{(10)}m_{121}^{(22)}
\end{aligned}
$$

$$+2m_{200}^{(20)}m_{021}^{(10)}m_{112}^{(21)}+2m_{200}^{(20)}m_{021}^{(10)}m_{103}^{(11)}-2m_{200}^{(20)}m_{021}^{(10)}m_{022}^{(20)}-m_{200}^{(20)}m_{021}^{(10)}m_{013}^{(10)}$$
$$+m_{200}^{(20)}m_{021}^{(11)}m_{211}^{(22)}-2m_{200}^{(20)}m_{021}^{(11)}m_{202}^{(21)}+m_{200}^{(20)}m_{021}^{(11)}m_{112}^{(20)}+m_{200}^{(20)}m_{021}^{(20)}m_{130}^{(22)}$$
$$-2m_{200}^{(20)}m_{021}^{(20)}m_{121}^{(21)}-2m_{200}^{(20)}m_{021}^{(20)}m_{112}^{(11)}+2m_{200}^{(20)}m_{021}^{(20)}m_{031}^{(20)}+m_{200}^{(20)}m_{021}^{(20)}m_{022}^{(10)}$$
$$-m_{200}^{(20)}m_{021}^{(21)}m_{220}^{(22)}+2m_{200}^{(20)}m_{021}^{(21)}m_{211}^{(21)}-2m_{200}^{(20)}m_{021}^{(21)}m_{202}^{(11)}+m_{200}^{(20)}m_{021}^{(21)}m_{112}^{(10)}$$
$$+2m_{200}^{(20)}m_{021}^{(22)}m_{211}^{(11)}-m_{200}^{(20)}m_{021}^{(22)}m_{130}^{(20)}-m_{200}^{(20)}m_{021}^{(22)}m_{121}^{(10)}-3m_{200}^{(20)}m_{012}^{(10)}m_{112}^{(11)}$$
$$+m_{200}^{(20)}m_{012}^{(10)}m_{031}^{(20)}+2m_{200}^{(20)}m_{012}^{(10)}m_{022}^{(10)}+2m_{200}^{(20)}m_{012}^{(11)}m_{202}^{(11)}-m_{200}^{(20)}m_{012}^{(11)}m_{121}^{(20)}$$
$$-m_{200}^{(20)}m_{012}^{(11)}m_{112}^{(10)}+3m_{200}^{(20)}m_{012}^{(20)}m_{121}^{(11)}-m_{200}^{(20)}m_{012}^{(20)}m_{040}^{(20)}-2m_{200}^{(20)}m_{012}^{(20)}m_{031}^{(10)}$$
$$-m_{200}^{(20)}m_{012}^{(21)}m_{211}^{(11)}+m_{200}^{(20)}m_{012}^{(21)}m_{130}^{(20)}-m_{200}^{(20)}m_{012}^{(22)}m_{220}^{(11)}+m_{200}^{(20)}m_{012}^{(22)}m_{130}^{(10)}$$
$$+m_{200}^{(20)}m_{003}^{(10)}m_{121}^{(11)}-m_{200}^{(20)}m_{003}^{(10)}m_{031}^{(10)}-m_{200}^{(20)}m_{003}^{(11)}m_{211}^{(11)}+m_{200}^{(20)}m_{003}^{(11)}m_{121}^{(10)}$$
$$-m_{200}^{(20)}m_{003}^{(20)}m_{130}^{(11)}+m_{200}^{(20)}m_{003}^{(20)}m_{040}^{(10)}+m_{200}^{(20)}m_{003}^{(21)}m_{220}^{(11)}-m_{200}^{(20)}m_{003}^{(21)}m_{130}^{(10)}$$
$$-m_{200}^{(21)}m_{210}^{(11)}m_{112}^{(22)}-m_{200}^{(21)}m_{210}^{(11)}m_{103}^{(21)}+2m_{200}^{(21)}m_{210}^{(11)}m_{013}^{(20)}+2m_{200}^{(21)}m_{210}^{(21)}m_{121}^{(22)}$$
$$+2m_{200}^{(21)}m_{210}^{(21)}m_{112}^{(21)}-4m_{200}^{(21)}m_{210}^{(21)}m_{022}^{(20)}-m_{200}^{(21)}m_{210}^{(22)}m_{130}^{(22)}-m_{200}^{(21)}m_{210}^{(22)}m_{121}^{(21)}$$
$$+2m_{200}^{(21)}m_{210}^{(22)}m_{031}^{(20)}+m_{200}^{(21)}m_{201}^{(11)}m_{112}^{(21)}+m_{200}^{(21)}m_{201}^{(11)}m_{103}^{(11)}-2m_{200}^{(21)}m_{201}^{(11)}m_{013}^{(10)}$$
$$-2m_{200}^{(21)}m_{201}^{(21)}m_{121}^{(21)}-2m_{200}^{(21)}m_{201}^{(21)}m_{112}^{(11)}+4m_{200}^{(21)}m_{201}^{(21)}m_{022}^{(10)}+m_{200}^{(21)}m_{201}^{(22)}m_{130}^{(21)}$$
$$+m_{200}^{(21)}m_{201}^{(22)}m_{121}^{(11)}-2m_{200}^{(21)}m_{201}^{(22)}m_{031}^{(10)}+m_{200}^{(21)}m_{120}^{(10)}m_{112}^{(22)}+m_{200}^{(21)}m_{120}^{(10)}m_{103}^{(21)}$$
$$-2m_{200}^{(21)}m_{120}^{(10)}m_{013}^{(20)}+m_{200}^{(21)}m_{120}^{(11)}m_{202}^{(22)}-m_{200}^{(21)}m_{120}^{(11)}m_{103}^{(20)}-m_{200}^{(21)}m_{120}^{(20)}m_{121}^{(22)}$$
$$-m_{200}^{(21)}m_{120}^{(20)}m_{112}^{(21)}+2m_{200}^{(21)}m_{120}^{(20)}m_{022}^{(20)}-3m_{200}^{(21)}m_{120}^{(21)}m_{211}^{(22)}-m_{200}^{(21)}m_{120}^{(21)}m_{202}^{(21)}$$
$$+4m_{200}^{(21)}m_{120}^{(21)}m_{112}^{(20)}+2m_{200}^{(21)}m_{120}^{(22)}m_{220}^{(22)}+m_{200}^{(21)}m_{120}^{(22)}m_{211}^{(21)}-3m_{200}^{(21)}m_{120}^{(22)}m_{121}^{(20)}$$
$$-m_{200}^{(21)}m_{111}^{(10)}m_{121}^{(22)}-2m_{200}^{(21)}m_{111}^{(10)}m_{112}^{(21)}-m_{200}^{(21)}m_{111}^{(10)}m_{103}^{(11)}+2m_{200}^{(21)}m_{111}^{(10)}m_{022}^{(20)}$$
$$+2m_{200}^{(21)}m_{111}^{(10)}m_{013}^{(10)}+m_{200}^{(21)}m_{111}^{(11)}m_{211}^{(22)}+m_{200}^{(21)}m_{111}^{(11)}m_{202}^{(21)}-3m_{200}^{(21)}m_{111}^{(11)}m_{112}^{(20)}$$
$$+m_{200}^{(21)}m_{111}^{(11)}m_{103}^{(10)}+m_{200}^{(21)}m_{111}^{(20)}m_{130}^{(22)}+2m_{200}^{(21)}m_{111}^{(20)}m_{121}^{(21)}+m_{200}^{(21)}m_{111}^{(20)}m_{112}^{(11)}$$
$$-2m_{200}^{(21)}m_{111}^{(20)}m_{031}^{(20)}-2m_{200}^{(21)}m_{111}^{(20)}m_{022}^{(10)}-m_{200}^{(21)}m_{111}^{(21)}m_{220}^{(22)}+m_{200}^{(21)}m_{111}^{(21)}m_{202}^{(11)}$$
$$+4m_{200}^{(21)}m_{111}^{(21)}m_{121}^{(20)}-4m_{200}^{(21)}m_{111}^{(21)}m_{112}^{(10)}-m_{200}^{(21)}m_{111}^{(22)}m_{220}^{(11)}-m_{200}^{(21)}m_{111}^{(22)}m_{211}^{(11)}$$
$$-m_{200}^{(21)}m_{111}^{(22)}m_{130}^{(20)}+3m_{200}^{(21)}m_{111}^{(22)}m_{121}^{(10)}+m_{200}^{(21)}m_{102}^{(10)}m_{121}^{(21)}+m_{200}^{(21)}m_{102}^{(10)}m_{112}^{(11)}$$
$$-2m_{200}^{(21)}m_{102}^{(10)}m_{022}^{(10)}-m_{200}^{(21)}m_{102}^{(11)}m_{211}^{(21)}-2m_{200}^{(21)}m_{102}^{(11)}m_{202}^{(11)}+3m_{200}^{(21)}m_{102}^{(11)}m_{112}^{(10)}$$
$$-m_{200}^{(21)}m_{102}^{(20)}m_{130}^{(21)}-m_{200}^{(21)}m_{102}^{(20)}m_{121}^{(11)}+2m_{200}^{(21)}m_{102}^{(20)}m_{031}^{(10)}+m_{200}^{(21)}m_{102}^{(21)}m_{121}^{(21)}$$
$$+3m_{200}^{(21)}m_{102}^{(21)}m_{211}^{(11)}-4m_{200}^{(21)}m_{102}^{(21)}m_{121}^{(10)}-m_{200}^{(21)}m_{102}^{(22)}m_{220}^{(11)}+m_{200}^{(21)}m_{102}^{(22)}m_{130}^{(10)}$$
$$-m_{200}^{(21)}m_{030}^{(10)}m_{202}^{(22)}+m_{200}^{(21)}m_{030}^{(10)}m_{103}^{(20)}+m_{200}^{(21)}m_{030}^{(20)}m_{211}^{(22)}-m_{200}^{(21)}m_{030}^{(20)}m_{112}^{(20)}$$
$$+m_{200}^{(21)}m_{030}^{(21)}m_{301}^{(22)}-m_{200}^{(21)}m_{030}^{(21)}m_{202}^{(20)}-m_{200}^{(21)}m_{030}^{(22)}m_{310}^{(22)}+m_{200}^{(21)}m_{030}^{(22)}m_{211}^{(20)}$$
$$+m_{200}^{(21)}m_{021}^{(10)}m_{211}^{(22)}-m_{200}^{(21)}m_{021}^{(10)}m_{103}^{(10)}-m_{200}^{(21)}m_{021}^{(11)}m_{301}^{(22)}+m_{200}^{(21)}m_{021}^{(11)}m_{202}^{(20)}$$
$$-m_{200}^{(21)}m_{021}^{(20)}m_{220}^{(22)}+m_{200}^{(21)}m_{021}^{(20)}m_{112}^{(10)}+m_{200}^{(21)}m_{021}^{(21)}m_{310}^{(22)}-2m_{200}^{(21)}m_{021}^{(21)}m_{211}^{(20)}$$
$$+m_{200}^{(21)}m_{021}^{(21)}m_{202}^{(10)}+m_{200}^{(21)}m_{021}^{(22)}m_{220}^{(20)}-m_{200}^{(21)}m_{021}^{(22)}m_{211}^{(10)}+m_{200}^{(21)}m_{012}^{(10)}m_{202}^{(11)}$$
$$-m_{200}^{(21)}m_{012}^{(10)}m_{121}^{(20)}+m_{200}^{(21)}m_{012}^{(11)}m_{211}^{(20)}-m_{200}^{(21)}m_{012}^{(11)}m_{202}^{(10)}-m_{200}^{(21)}m_{012}^{(20)}m_{211}^{(11)}$$
$$+m_{200}^{(21)}m_{012}^{(20)}m_{130}^{(20)}-m_{200}^{(21)}m_{012}^{(21)}m_{301}^{(11)}-m_{200}^{(21)}m_{012}^{(21)}m_{220}^{(20)}+2m_{200}^{(21)}m_{012}^{(21)}m_{211}^{(10)}$$
$$+m_{200}^{(21)}m_{012}^{(22)}m_{310}^{(11)}-m_{200}^{(21)}m_{012}^{(22)}m_{220}^{(10)}-m_{200}^{(21)}m_{003}^{(10)}m_{211}^{(11)}+m_{200}^{(21)}m_{003}^{(10)}m_{121}^{(10)}$$
$$+m_{200}^{(21)}m_{003}^{(11)}m_{301}^{(11)}-m_{200}^{(21)}m_{003}^{(11)}m_{211}^{(10)}+m_{200}^{(21)}m_{003}^{(20)}m_{220}^{(11)}-m_{200}^{(21)}m_{003}^{(20)}m_{130}^{(10)}$$
$$-m_{200}^{(21)}m_{003}^{(21)}m_{310}^{(11)}+m_{200}^{(21)}m_{003}^{(21)}m_{220}^{(10)}+m_{200}^{(22)}m_{210}^{(11)}m_{112}^{(21)}-m_{200}^{(22)}m_{210}^{(11)}m_{022}^{(20)}$$
$$-2m_{200}^{(22)}m_{210}^{(21)}m_{121}^{(21)}+2m_{200}^{(22)}m_{210}^{(21)}m_{031}^{(20)}+m_{200}^{(22)}m_{210}^{(22)}m_{130}^{(21)}-m_{200}^{(22)}m_{210}^{(22)}m_{040}^{(20)}$$

$$
\begin{aligned}
&-m_{200}^{(22)}m_{201}^{(11)}m_{112}^{(11)}+m_{200}^{(22)}m_{201}^{(11)}m_{022}^{(10)}+2m_{200}^{(22)}m_{201}^{(21)}m_{121}^{(11)}-2m_{200}^{(22)}m_{201}^{(21)}m_{031}^{(10)}\\
&-m_{200}^{(22)}m_{201}^{(22)}m_{130}^{(11)}+m_{200}^{(22)}m_{201}^{(22)}m_{040}^{(10)}-m_{200}^{(22)}m_{120}^{(10)}m_{112}^{(21)}+m_{200}^{(22)}m_{120}^{(10)}m_{022}^{(20)}\\
&-m_{200}^{(22)}m_{120}^{(11)}m_{202}^{(21)}+m_{200}^{(22)}m_{120}^{(11)}m_{112}^{(20)}+m_{200}^{(22)}m_{120}^{(20)}m_{121}^{(21)}-m_{200}^{(22)}m_{120}^{(20)}m_{031}^{(20)}\\
&+3m_{200}^{(22)}m_{120}^{(21)}m_{211}^{(21)}-3m_{200}^{(22)}m_{120}^{(21)}m_{121}^{(20)}-2m_{200}^{(22)}m_{120}^{(22)}m_{220}^{(21)}+2m_{200}^{(22)}m_{120}^{(22)}m_{130}^{(20)}\\
&+m_{200}^{(22)}m_{111}^{(10)}m_{121}^{(21)}+m_{200}^{(22)}m_{111}^{(10)}m_{112}^{(11)}-m_{200}^{(22)}m_{111}^{(10)}m_{031}^{(20)}-m_{200}^{(22)}m_{111}^{(10)}m_{022}^{(10)}\\
&-m_{200}^{(22)}m_{111}^{(11)}m_{211}^{(21)}+m_{200}^{(22)}m_{111}^{(11)}m_{202}^{(11)}+m_{200}^{(22)}m_{111}^{(11)}m_{121}^{(20)}-m_{200}^{(22)}m_{111}^{(11)}m_{112}^{(10)}\\
&-m_{200}^{(22)}m_{111}^{(20)}m_{130}^{(21)}-m_{200}^{(22)}m_{111}^{(20)}m_{121}^{(11)}+m_{200}^{(22)}m_{111}^{(20)}m_{040}^{(20)}+m_{200}^{(22)}m_{111}^{(20)}m_{031}^{(10)}\\
&+m_{200}^{(22)}m_{111}^{(21)}m_{220}^{(21)}-3m_{200}^{(22)}m_{111}^{(21)}m_{211}^{(11)}-m_{200}^{(22)}m_{111}^{(21)}m_{130}^{(20)}+3m_{200}^{(22)}m_{111}^{(21)}m_{121}^{(10)}\\
&+2m_{200}^{(22)}m_{111}^{(22)}m_{220}^{(11)}-2m_{200}^{(22)}m_{111}^{(22)}m_{130}^{(10)}-m_{200}^{(22)}m_{102}^{(10)}m_{121}^{(11)}+m_{200}^{(22)}m_{102}^{(10)}m_{031}^{(10)}\\
&+m_{200}^{(22)}m_{102}^{(11)}m_{211}^{(11)}-m_{200}^{(22)}m_{102}^{(11)}m_{121}^{(10)}+m_{200}^{(22)}m_{102}^{(20)}m_{130}^{(11)}-m_{200}^{(22)}m_{102}^{(20)}m_{040}^{(10)}\\
&-m_{200}^{(22)}m_{102}^{(21)}m_{220}^{(11)}+m_{200}^{(22)}m_{102}^{(21)}m_{130}^{(10)}+m_{200}^{(22)}m_{030}^{(10)}m_{202}^{(21)}-m_{200}^{(22)}m_{030}^{(10)}m_{112}^{(20)}\\
&-m_{200}^{(22)}m_{030}^{(20)}m_{211}^{(21)}+m_{200}^{(22)}m_{030}^{(20)}m_{121}^{(20)}-m_{200}^{(22)}m_{030}^{(21)}m_{301}^{(21)}+m_{200}^{(22)}m_{030}^{(21)}m_{211}^{(20)}\\
&+m_{200}^{(22)}m_{030}^{(22)}m_{310}^{(21)}-m_{200}^{(22)}m_{030}^{(22)}m_{220}^{(20)}-m_{200}^{(22)}m_{021}^{(10)}m_{211}^{(21)}-m_{200}^{(22)}m_{021}^{(10)}m_{202}^{(11)}\\
&+m_{200}^{(22)}m_{021}^{(10)}m_{121}^{(20)}+m_{200}^{(22)}m_{021}^{(10)}m_{112}^{(10)}+m_{200}^{(22)}m_{021}^{(11)}m_{301}^{(21)}-m_{200}^{(22)}m_{021}^{(11)}m_{211}^{(20)}\\
&+m_{200}^{(22)}m_{021}^{(20)}m_{220}^{(21)}+m_{200}^{(22)}m_{021}^{(20)}m_{211}^{(11)}-m_{200}^{(22)}m_{021}^{(20)}m_{130}^{(20)}-m_{200}^{(22)}m_{021}^{(20)}m_{121}^{(10)}\\
&-m_{200}^{(22)}m_{021}^{(21)}m_{310}^{(21)}+m_{200}^{(22)}m_{021}^{(21)}m_{301}^{(11)}+m_{200}^{(22)}m_{021}^{(21)}m_{220}^{(20)}-m_{200}^{(22)}m_{021}^{(21)}m_{211}^{(10)}\\
&-m_{200}^{(22)}m_{021}^{(22)}m_{310}^{(11)}+m_{200}^{(22)}m_{021}^{(22)}m_{220}^{(10)}+m_{200}^{(22)}m_{012}^{(10)}m_{211}^{(11)}-m_{200}^{(22)}m_{012}^{(10)}m_{121}^{(10)}\\
&-m_{200}^{(22)}m_{012}^{(11)}m_{301}^{(11)}+m_{200}^{(22)}m_{012}^{(11)}m_{211}^{(10)}-m_{200}^{(22)}m_{012}^{(20)}m_{220}^{(11)}+m_{200}^{(22)}m_{012}^{(20)}m_{130}^{(10)}\\
&+m_{200}^{(22)}m_{012}^{(21)}m_{310}^{(11)}-m_{200}^{(22)}m_{012}^{(21)}m_{220}^{(10)}-m_{110}^{(00)}m_{210}^{(11)}m_{013}^{(22)}+m_{110}^{(00)}m_{210}^{(11)}m_{004}^{(21)}\\
&+2m_{110}^{(00)}m_{210}^{(21)}m_{022}^{(22)}-2m_{110}^{(00)}m_{210}^{(21)}m_{013}^{(21)}-m_{110}^{(00)}m_{210}^{(22)}m_{031}^{(22)}+m_{110}^{(00)}m_{210}^{(22)}m_{022}^{(21)}\\
&+m_{110}^{(00)}m_{201}^{(11)}m_{022}^{(22)}-m_{110}^{(00)}m_{201}^{(11)}m_{013}^{(21)}-2m_{110}^{(00)}m_{201}^{(21)}m_{031}^{(22)}+2m_{110}^{(00)}m_{201}^{(21)}m_{022}^{(21)}\\
&+m_{110}^{(00)}m_{201}^{(22)}m_{040}^{(22)}-m_{110}^{(00)}m_{201}^{(22)}m_{031}^{(21)}-m_{110}^{(00)}m_{111}^{(10)}m_{022}^{(22)}+2m_{110}^{(00)}m_{111}^{(10)}m_{013}^{(21)}\\
&-m_{110}^{(00)}m_{111}^{(10)}m_{004}^{(11)}+m_{110}^{(00)}m_{111}^{(11)}m_{112}^{(22)}-m_{110}^{(00)}m_{111}^{(11)}m_{103}^{(21)}+m_{110}^{(00)}m_{111}^{(11)}m_{013}^{(20)}\\
&-m_{110}^{(00)}m_{111}^{(11)}m_{004}^{(10)}+m_{110}^{(00)}m_{111}^{(20)}m_{031}^{(22)}-2m_{110}^{(00)}m_{111}^{(20)}m_{022}^{(21)}+m_{110}^{(00)}m_{111}^{(20)}m_{013}^{(11)}\\
&-m_{110}^{(00)}m_{111}^{(21)}m_{121}^{(22)}+m_{110}^{(00)}m_{111}^{(21)}m_{103}^{(11)}-2m_{110}^{(00)}m_{111}^{(21)}m_{022}^{(20)}+2m_{110}^{(00)}m_{111}^{(21)}m_{013}^{(10)}\\
&+m_{110}^{(00)}m_{111}^{(22)}m_{121}^{(21)}-m_{110}^{(00)}m_{111}^{(22)}m_{112}^{(11)}+m_{110}^{(00)}m_{111}^{(22)}m_{031}^{(20)}-m_{110}^{(00)}m_{111}^{(22)}m_{022}^{(10)}\\
&+m_{110}^{(00)}m_{102}^{(10)}m_{031}^{(22)}-2m_{110}^{(00)}m_{102}^{(10)}m_{022}^{(21)}+m_{110}^{(00)}m_{102}^{(10)}m_{013}^{(11)}-m_{110}^{(00)}m_{102}^{(10)}m_{121}^{(22)}\\
&+m_{110}^{(00)}m_{102}^{(11)}m_{112}^{(21)}-m_{110}^{(00)}m_{102}^{(11)}m_{022}^{(20)}+m_{110}^{(00)}m_{102}^{(11)}m_{013}^{(10)}-m_{110}^{(00)}m_{102}^{(20)}m_{040}^{(22)}\\
&+2m_{110}^{(00)}m_{102}^{(20)}m_{031}^{(21)}-m_{110}^{(00)}m_{102}^{(20)}m_{022}^{(11)}+m_{110}^{(00)}m_{102}^{(21)}m_{130}^{(22)}-m_{110}^{(00)}m_{102}^{(21)}m_{112}^{(11)}\\
&+2m_{110}^{(00)}m_{102}^{(21)}m_{031}^{(20)}-2m_{110}^{(00)}m_{102}^{(21)}m_{022}^{(10)}-m_{110}^{(00)}m_{102}^{(22)}m_{130}^{(21)}+m_{110}^{(00)}m_{102}^{(22)}m_{121}^{(11)}\\
&-m_{110}^{(00)}m_{102}^{(22)}m_{040}^{(20)}+m_{110}^{(00)}m_{102}^{(22)}m_{031}^{(10)}+m_{110}^{(00)}m_{030}^{(00)}m_{013}^{(22)}-m_{110}^{(00)}m_{030}^{(00)}m_{004}^{(21)}\\
&-2m_{110}^{(00)}m_{030}^{(20)}m_{112}^{(22)}+2m_{110}^{(00)}m_{030}^{(20)}m_{103}^{(21)}+m_{110}^{(00)}m_{030}^{(22)}m_{211}^{(22)}-m_{110}^{(00)}m_{030}^{(22)}m_{202}^{(21)}\\
&-2m_{110}^{(00)}m_{021}^{(00)}m_{022}^{(22)}+m_{110}^{(00)}m_{021}^{(00)}m_{013}^{(21)}+m_{110}^{(00)}m_{021}^{(00)}m_{004}^{(11)}+m_{110}^{(00)}m_{021}^{(10)}m_{112}^{(22)}\\
&-m_{110}^{(00)}m_{021}^{(10)}m_{103}^{(21)}-m_{110}^{(00)}m_{021}^{(10)}m_{013}^{(20)}+m_{110}^{(00)}m_{021}^{(10)}m_{004}^{(10)}+3m_{110}^{(00)}m_{021}^{(20)}m_{121}^{(22)}\\
&-m_{110}^{(00)}m_{021}^{(20)}m_{112}^{(21)}-2m_{110}^{(00)}m_{021}^{(20)}m_{103}^{(11)}+m_{110}^{(00)}m_{021}^{(20)}m_{022}^{(20)}-m_{110}^{(00)}m_{021}^{(20)}m_{013}^{(10)}\\
&-m_{110}^{(00)}m_{021}^{(21)}m_{211}^{(22)}+m_{110}^{(00)}m_{021}^{(21)}m_{202}^{(21)}+m_{110}^{(00)}m_{021}^{(21)}m_{112}^{(20)}-m_{110}^{(00)}m_{021}^{(21)}m_{103}^{(10)}\\
&-m_{110}^{(00)}m_{021}^{(22)}m_{220}^{(22)}+m_{110}^{(00)}m_{021}^{(22)}m_{202}^{(11)}-m_{110}^{(00)}m_{021}^{(22)}m_{121}^{(20)}+m_{110}^{(00)}m_{021}^{(22)}m_{112}^{(10)}\\
&+m_{110}^{(00)}m_{012}^{(00)}m_{031}^{(22)}+m_{110}^{(00)}m_{012}^{(00)}m_{022}^{(21)}-2m_{110}^{(00)}m_{012}^{(00)}m_{013}^{(11)}-m_{110}^{(00)}m_{012}^{(10)}m_{121}^{(22)}
\end{aligned}
$$

$$+m_{110}^{(00)}m_{012}^{(10)}m_{103}^{(11)}+2m_{110}^{(00)}m_{012}^{(10)}m_{022}^{(20)}-2m_{110}^{(00)}m_{012}^{(10)}m_{013}^{(10)}-m_{110}^{(00)}m_{012}^{(11)}m_{112}^{(20)}$$
$$+m_{110}^{(00)}m_{012}^{(11)}m_{103}^{(10)}-m_{110}^{(00)}m_{012}^{(20)}m_{130}^{(22)}-2m_{110}^{(00)}m_{012}^{(20)}m_{121}^{(21)}+3m_{110}^{(00)}m_{012}^{(20)}m_{112}^{(11)}$$
$$-2m_{110}^{(00)}m_{012}^{(20)}m_{031}^{(20)}+2m_{110}^{(00)}m_{012}^{(20)}m_{022}^{(10)}+m_{110}^{(00)}m_{012}^{(21)}m_{220}^{(22)}-m_{110}^{(00)}m_{012}^{(21)}m_{202}^{(11)}$$
$$+m_{110}^{(00)}m_{012}^{(22)}m_{220}^{(21)}-m_{110}^{(00)}m_{012}^{(22)}m_{211}^{(11)}+m_{110}^{(00)}m_{012}^{(22)}m_{130}^{(20)}-m_{110}^{(00)}m_{012}^{(22)}m_{121}^{(10)}$$
$$-m_{110}^{(00)}m_{003}^{(00)}m_{031}^{(21)}+m_{110}^{(00)}m_{003}^{(00)}m_{022}^{(11)}+m_{110}^{(00)}m_{003}^{(10)}m_{121}^{(21)}-m_{110}^{(00)}m_{003}^{(10)}m_{112}^{(11)}$$
$$-m_{110}^{(00)}m_{003}^{(10)}m_{031}^{(20)}+m_{110}^{(00)}m_{003}^{(10)}m_{022}^{(10)}+m_{110}^{(00)}m_{003}^{(11)}m_{121}^{(20)}-m_{110}^{(00)}m_{003}^{(11)}m_{112}^{(10)}$$
$$+m_{110}^{(00)}m_{003}^{(20)}m_{130}^{(21)}-m_{110}^{(00)}m_{003}^{(20)}m_{121}^{(11)}+m_{110}^{(00)}m_{003}^{(20)}m_{040}^{(20)}-m_{110}^{(00)}m_{003}^{(20)}m_{031}^{(10)}$$
$$-m_{110}^{(00)}m_{003}^{(21)}m_{220}^{(21)}+m_{110}^{(00)}m_{003}^{(21)}m_{211}^{(11)}-m_{110}^{(00)}m_{003}^{(21)}m_{130}^{(20)}+m_{110}^{(00)}m_{003}^{(21)}m_{121}^{(10)}$$
$$+m_{110}^{(10)}m_{300}^{(11)}m_{013}^{(22)}-m_{110}^{(10)}m_{300}^{(11)}m_{004}^{(21)}-2m_{110}^{(10)}m_{300}^{(21)}m_{022}^{(22)}+2m_{110}^{(10)}m_{300}^{(21)}m_{013}^{(21)}$$
$$+m_{110}^{(10)}m_{300}^{(22)}m_{031}^{(22)}-m_{110}^{(10)}m_{300}^{(22)}m_{022}^{(21)}+m_{110}^{(10)}m_{210}^{(11)}m_{103}^{(22)}-m_{110}^{(10)}m_{210}^{(11)}m_{004}^{(20)}$$
$$-2m_{110}^{(10)}m_{210}^{(21)}m_{112}^{(22)}+2m_{110}^{(10)}m_{210}^{(21)}m_{013}^{(20)}+m_{110}^{(10)}m_{210}^{(22)}m_{121}^{(22)}-m_{110}^{(10)}m_{210}^{(22)}m_{022}^{(20)}$$
$$+m_{110}^{(10)}m_{201}^{(10)}m_{022}^{(22)}-2m_{110}^{(10)}m_{201}^{(10)}m_{013}^{(21)}+m_{110}^{(10)}m_{201}^{(10)}m_{004}^{(11)}-3m_{110}^{(10)}m_{201}^{(11)}m_{112}^{(22)}$$
$$+2m_{110}^{(10)}m_{201}^{(11)}m_{103}^{(21)}+m_{110}^{(10)}m_{201}^{(11)}m_{004}^{(10)}-m_{110}^{(10)}m_{201}^{(20)}m_{031}^{(22)}+2m_{110}^{(10)}m_{201}^{(20)}m_{022}^{(21)}$$
$$-m_{110}^{(10)}m_{201}^{(20)}m_{013}^{(11)}+5m_{110}^{(10)}m_{201}^{(21)}m_{121}^{(22)}-2m_{110}^{(10)}m_{201}^{(21)}m_{112}^{(21)}-m_{110}^{(10)}m_{201}^{(21)}m_{103}^{(11)}$$
$$-2m_{110}^{(10)}m_{201}^{(21)}m_{013}^{(10)}-2m_{110}^{(10)}m_{201}^{(22)}m_{130}^{(22)}+m_{110}^{(10)}m_{201}^{(22)}m_{112}^{(11)}+m_{110}^{(10)}m_{201}^{(22)}m_{022}^{(10)}$$
$$-m_{110}^{(10)}m_{120}^{(00)}m_{013}^{(22)}+m_{110}^{(10)}m_{120}^{(00)}m_{004}^{(21)}+2m_{110}^{(10)}m_{120}^{(20)}m_{112}^{(22)}-2m_{110}^{(10)}m_{120}^{(20)}m_{103}^{(21)}$$
$$-m_{110}^{(10)}m_{120}^{(22)}m_{211}^{(22)}+m_{110}^{(10)}m_{120}^{(22)}m_{202}^{(21)}+m_{110}^{(10)}m_{111}^{(00)}m_{022}^{(22)}-m_{110}^{(10)}m_{111}^{(00)}m_{004}^{(11)}$$
$$-m_{110}^{(10)}m_{111}^{(11)}m_{202}^{(22)}+m_{110}^{(10)}m_{111}^{(11)}m_{004}^{(00)}-2m_{110}^{(10)}m_{111}^{(20)}m_{121}^{(22)}+2m_{110}^{(10)}m_{111}^{(20)}m_{103}^{(11)}$$
$$+2m_{110}^{(10)}m_{111}^{(21)}m_{211}^{(22)}-2m_{110}^{(10)}m_{111}^{(21)}m_{013}^{(00)}-m_{110}^{(10)}m_{111}^{(22)}m_{202}^{(11)}+m_{110}^{(10)}m_{111}^{(22)}m_{022}^{(00)}$$
$$-m_{110}^{(10)}m_{102}^{(00)}m_{022}^{(21)}+m_{110}^{(10)}m_{102}^{(00)}m_{013}^{(11)}-2m_{110}^{(10)}m_{102}^{(10)}m_{121}^{(22)}+4m_{110}^{(10)}m_{102}^{(10)}m_{112}^{(21)}$$
$$-2m_{110}^{(10)}m_{102}^{(10)}m_{103}^{(11)}+2m_{110}^{(10)}m_{102}^{(11)}m_{211}^{(22)}-m_{110}^{(10)}m_{102}^{(11)}m_{202}^{(21)}+2m_{110}^{(10)}m_{102}^{(11)}m_{112}^{(20)}$$
$$-2m_{110}^{(10)}m_{102}^{(11)}m_{103}^{(10)}-m_{110}^{(10)}m_{102}^{(11)}m_{013}^{(00)}+2m_{110}^{(10)}m_{102}^{(20)}m_{130}^{(22)}-2m_{110}^{(10)}m_{102}^{(20)}m_{121}^{(21)}$$
$$-2m_{110}^{(10)}m_{102}^{(21)}m_{220}^{(22)}-2m_{110}^{(10)}m_{102}^{(21)}m_{211}^{(21)}+2m_{110}^{(10)}m_{102}^{(21)}m_{202}^{(11)}-4m_{110}^{(10)}m_{102}^{(21)}m_{121}^{(20)}$$
$$+4m_{110}^{(10)}m_{102}^{(21)}m_{112}^{(10)}+2m_{110}^{(10)}m_{102}^{(21)}m_{022}^{(00)}+2m_{110}^{(10)}m_{102}^{(22)}m_{220}^{(21)}-m_{110}^{(10)}m_{102}^{(22)}m_{211}^{(11)}$$
$$+2m_{110}^{(10)}m_{102}^{(22)}m_{130}^{(20)}-2m_{110}^{(10)}m_{102}^{(22)}m_{121}^{(10)}-m_{110}^{(10)}m_{102}^{(22)}m_{031}^{(00)}-m_{110}^{(10)}m_{030}^{(00)}m_{103}^{(22)}$$
$$+m_{110}^{(10)}m_{030}^{(00)}m_{004}^{(20)}+2m_{110}^{(10)}m_{030}^{(20)}m_{202}^{(22)}-2m_{110}^{(10)}m_{030}^{(20)}m_{103}^{(20)}-m_{110}^{(10)}m_{030}^{(22)}m_{301}^{(22)}$$
$$+m_{110}^{(10)}m_{030}^{(22)}m_{202}^{(20)}+3m_{110}^{(10)}m_{021}^{(00)}m_{112}^{(22)}-2m_{110}^{(10)}m_{021}^{(00)}m_{013}^{(20)}-m_{110}^{(10)}m_{021}^{(00)}m_{004}^{(10)}$$
$$-m_{110}^{(10)}m_{021}^{(10)}m_{202}^{(22)}+2m_{110}^{(10)}m_{021}^{(10)}m_{103}^{(20)}-m_{110}^{(10)}m_{021}^{(10)}m_{004}^{(00)}-5m_{110}^{(10)}m_{021}^{(20)}m_{211}^{(22)}$$
$$+2m_{110}^{(10)}m_{021}^{(20)}m_{112}^{(20)}+2m_{110}^{(10)}m_{021}^{(20)}m_{103}^{(10)}+m_{110}^{(10)}m_{021}^{(20)}m_{013}^{(00)}+m_{110}^{(10)}m_{021}^{(21)}m_{301}^{(22)}$$
$$-2m_{110}^{(10)}m_{021}^{(21)}m_{202}^{(20)}+m_{110}^{(10)}m_{021}^{(21)}m_{103}^{(00)}+2m_{110}^{(10)}m_{021}^{(22)}m_{310}^{(22)}-m_{110}^{(10)}m_{021}^{(22)}m_{202}^{(10)}$$
$$-m_{110}^{(10)}m_{021}^{(22)}m_{112}^{(00)}-2m_{110}^{(10)}m_{012}^{(00)}m_{121}^{(22)}-2m_{110}^{(10)}m_{012}^{(00)}m_{112}^{(21)}+m_{110}^{(10)}m_{012}^{(00)}m_{103}^{(11)}$$
$$+m_{110}^{(10)}m_{012}^{(00)}m_{022}^{(20)}+2m_{110}^{(10)}m_{012}^{(00)}m_{013}^{(10)}+2m_{110}^{(10)}m_{012}^{(10)}m_{211}^{(22)}-4m_{110}^{(10)}m_{012}^{(10)}m_{112}^{(20)}$$
$$+2m_{110}^{(10)}m_{012}^{(10)}m_{012}^{(00)}+m_{110}^{(10)}m_{012}^{(11)}m_{202}^{(20)}-m_{110}^{(10)}m_{012}^{(11)}m_{103}^{(00)}+2m_{110}^{(10)}m_{012}^{(20)}m_{220}^{(22)}$$
$$+4m_{110}^{(10)}m_{012}^{(20)}m_{211}^{(21)}-2m_{110}^{(10)}m_{012}^{(20)}m_{202}^{(11)}+2m_{110}^{(10)}m_{012}^{(20)}m_{121}^{(20)}-4m_{110}^{(10)}m_{012}^{(20)}m_{112}^{(10)}$$
$$-2m_{110}^{(10)}m_{012}^{(20)}m_{022}^{(00)}-2m_{110}^{(10)}m_{012}^{(21)}m_{310}^{(22)}+2m_{110}^{(10)}m_{012}^{(21)}m_{211}^{(20)}-2m_{110}^{(10)}m_{012}^{(22)}m_{310}^{(21)}$$
$$+m_{110}^{(10)}m_{012}^{(22)}m_{301}^{(11)}-2m_{110}^{(10)}m_{012}^{(22)}m_{220}^{(20)}+2m_{110}^{(10)}m_{012}^{(22)}m_{211}^{(10)}+m_{110}^{(10)}m_{012}^{(22)}m_{121}^{(00)}$$
$$+2m_{110}^{(10)}m_{003}^{(00)}m_{121}^{(21)}-m_{110}^{(10)}m_{003}^{(00)}m_{112}^{(11)}-m_{110}^{(10)}m_{003}^{(00)}m_{022}^{(10)}-2m_{110}^{(10)}m_{003}^{(10)}m_{211}^{(21)}$$
$$+m_{110}^{(10)}m_{003}^{(10)}m_{202}^{(11)}+2m_{110}^{(10)}m_{003}^{(10)}m_{121}^{(20)}-m_{110}^{(10)}m_{003}^{(10)}m_{022}^{(00)}-2m_{110}^{(10)}m_{003}^{(11)}m_{211}^{(20)}$$

$$+m_{110}^{(10)}m_{003}^{(11)}m_{202}^{(10)}+m_{110}^{(10)}m_{003}^{(11)}m_{112}^{(00)}-2m_{110}^{(10)}m_{003}^{(20)}m_{220}^{(21)}+m_{110}^{(10)}m_{003}^{(20)}m_{211}^{(11)}$$
$$-2m_{110}^{(10)}m_{003}^{(20)}m_{130}^{(20)}+2m_{110}^{(10)}m_{003}^{(20)}m_{121}^{(10)}+m_{110}^{(10)}m_{003}^{(20)}m_{031}^{(00)}+2m_{110}^{(10)}m_{003}^{(21)}m_{310}^{(21)}$$
$$-m_{110}^{(10)}m_{003}^{(21)}m_{301}^{(11)}+2m_{110}^{(10)}m_{003}^{(21)}m_{220}^{(20)}-2m_{110}^{(10)}m_{003}^{(21)}m_{211}^{(10)}-m_{110}^{(10)}m_{003}^{(21)}m_{121}^{(00)}$$
$$-m_{110}^{(11)}m_{300}^{(11)}m_{103}^{(22)}+m_{110}^{(11)}m_{300}^{(11)}m_{004}^{(20)}+2m_{110}^{(11)}m_{300}^{(21)}m_{112}^{(22)}-2m_{110}^{(11)}m_{300}^{(21)}m_{013}^{(20)}$$
$$-m_{110}^{(11)}m_{300}^{(22)}m_{121}^{(22)}+m_{110}^{(11)}m_{300}^{(22)}m_{022}^{(20)}-m_{110}^{(11)}m_{201}^{(10)}m_{112}^{(22)}+m_{110}^{(11)}m_{201}^{(10)}m_{103}^{(21)}$$
$$+m_{110}^{(11)}m_{201}^{(10)}m_{013}^{(20)}-m_{110}^{(11)}m_{201}^{(10)}m_{004}^{(10)}+2m_{110}^{(11)}m_{201}^{(11)}m_{202}^{(22)}-m_{110}^{(11)}m_{201}^{(11)}m_{103}^{(20)}$$
$$-m_{110}^{(11)}m_{201}^{(11)}m_{004}^{(00)}+m_{110}^{(11)}m_{201}^{(20)}m_{121}^{(22)}-m_{110}^{(11)}m_{201}^{(20)}m_{112}^{(21)}-m_{110}^{(11)}m_{201}^{(20)}m_{022}^{(20)}$$
$$+m_{110}^{(11)}m_{201}^{(20)}m_{013}^{(10)}-3m_{110}^{(11)}m_{201}^{(21)}m_{211}^{(22)}-m_{110}^{(11)}m_{201}^{(21)}m_{202}^{(21)}+m_{110}^{(11)}m_{201}^{(21)}m_{112}^{(20)}$$
$$+m_{110}^{(11)}m_{201}^{(21)}m_{103}^{(10)}+2m_{110}^{(11)}m_{201}^{(21)}m_{013}^{(00)}+m_{110}^{(11)}m_{201}^{(22)}m_{220}^{(22)}+m_{110}^{(11)}m_{201}^{(22)}m_{211}^{(21)}$$
$$-m_{110}^{(11)}m_{201}^{(22)}m_{112}^{(10)}-m_{110}^{(11)}m_{201}^{(22)}m_{022}^{(00)}+m_{110}^{(11)}m_{120}^{(00)}m_{103}^{(22)}-m_{110}^{(11)}m_{120}^{(00)}m_{004}^{(20)}$$
$$-2m_{110}^{(11)}m_{120}^{(20)}m_{202}^{(22)}+2m_{110}^{(11)}m_{120}^{(20)}m_{103}^{(20)}+m_{110}^{(11)}m_{120}^{(22)}m_{301}^{(22)}-m_{110}^{(11)}m_{120}^{(22)}m_{202}^{(20)}$$
$$-m_{110}^{(11)}m_{111}^{(00)}m_{112}^{(22)}-m_{110}^{(11)}m_{111}^{(00)}m_{103}^{(21)}+m_{110}^{(11)}m_{111}^{(00)}m_{013}^{(20)}+m_{110}^{(11)}m_{111}^{(00)}m_{004}^{(10)}$$
$$+m_{110}^{(11)}m_{111}^{(10)}m_{202}^{(22)}-2m_{110}^{(11)}m_{111}^{(10)}m_{103}^{(20)}+m_{110}^{(11)}m_{111}^{(10)}m_{004}^{(00)}+m_{110}^{(11)}m_{111}^{(20)}m_{211}^{(22)}$$
$$+2m_{110}^{(11)}m_{111}^{(20)}m_{202}^{(21)}-2m_{110}^{(11)}m_{111}^{(20)}m_{103}^{(10)}-m_{110}^{(11)}m_{111}^{(20)}m_{013}^{(00)}-m_{110}^{(11)}m_{111}^{(21)}m_{301}^{(22)}$$
$$+2m_{110}^{(11)}m_{111}^{(21)}m_{202}^{(20)}-m_{110}^{(11)}m_{111}^{(21)}m_{103}^{(00)}-m_{110}^{(11)}m_{111}^{(22)}m_{301}^{(21)}-m_{110}^{(11)}m_{111}^{(22)}m_{211}^{(20)}$$
$$+m_{110}^{(11)}m_{111}^{(22)}m_{202}^{(10)}+m_{110}^{(11)}m_{111}^{(22)}m_{112}^{(00)}+m_{110}^{(11)}m_{102}^{(00)}m_{112}^{(21)}-m_{110}^{(11)}m_{102}^{(00)}m_{013}^{(10)}$$
$$+m_{110}^{(11)}m_{102}^{(10)}m_{211}^{(22)}-2m_{110}^{(11)}m_{102}^{(10)}m_{202}^{(21)}+2m_{110}^{(11)}m_{102}^{(10)}m_{103}^{(10)}-m_{110}^{(11)}m_{102}^{(10)}m_{013}^{(00)}$$
$$-m_{110}^{(11)}m_{102}^{(11)}m_{301}^{(22)}-m_{110}^{(11)}m_{102}^{(11)}m_{202}^{(20)}+2m_{110}^{(11)}m_{102}^{(11)}m_{103}^{(00)}-m_{110}^{(11)}m_{102}^{(20)}m_{220}^{(22)}$$
$$+m_{110}^{(11)}m_{102}^{(20)}m_{022}^{(00)}+m_{110}^{(11)}m_{102}^{(21)}m_{310}^{(22)}+2m_{110}^{(11)}m_{102}^{(21)}m_{301}^{(21)}+2m_{110}^{(11)}m_{102}^{(21)}m_{211}^{(20)}$$
$$-2m_{110}^{(11)}m_{102}^{(21)}m_{202}^{(10)}-3m_{110}^{(11)}m_{102}^{(21)}m_{112}^{(00)}-m_{110}^{(11)}m_{102}^{(22)}m_{310}^{(21)}-m_{110}^{(11)}m_{102}^{(22)}m_{220}^{(20)}$$
$$+m_{110}^{(11)}m_{102}^{(22)}m_{211}^{(10)}+m_{110}^{(11)}m_{102}^{(22)}m_{121}^{(00)}-m_{110}^{(11)}m_{021}^{(00)}m_{202}^{(22)}+m_{110}^{(11)}m_{021}^{(00)}m_{103}^{(20)}$$
$$+2m_{110}^{(11)}m_{021}^{(20)}m_{301}^{(22)}-2m_{110}^{(11)}m_{021}^{(20)}m_{202}^{(20)}-m_{110}^{(11)}m_{021}^{(22)}m_{400}^{(22)}+m_{110}^{(11)}m_{021}^{(22)}m_{301}^{(20)}$$
$$+m_{110}^{(11)}m_{012}^{(00)}m_{211}^{(22)}+m_{110}^{(11)}m_{012}^{(00)}m_{202}^{(21)}-m_{110}^{(11)}m_{012}^{(00)}m_{112}^{(20)}-m_{110}^{(11)}m_{012}^{(00)}m_{103}^{(10)}$$
$$-m_{110}^{(11)}m_{012}^{(10)}m_{301}^{(22)}+2m_{110}^{(11)}m_{012}^{(10)}m_{202}^{(20)}-m_{110}^{(11)}m_{012}^{(10)}m_{103}^{(00)}-m_{110}^{(11)}m_{012}^{(20)}m_{310}^{(22)}$$
$$-2m_{110}^{(11)}m_{012}^{(20)}m_{301}^{(21)}+2m_{110}^{(11)}m_{012}^{(20)}m_{202}^{(10)}+m_{110}^{(11)}m_{012}^{(20)}m_{112}^{(00)}+m_{110}^{(11)}m_{012}^{(21)}m_{400}^{(22)}$$
$$-2m_{110}^{(11)}m_{012}^{(21)}m_{301}^{(20)}+m_{110}^{(11)}m_{012}^{(21)}m_{202}^{(00)}+m_{110}^{(11)}m_{012}^{(22)}m_{400}^{(21)}+m_{110}^{(11)}m_{012}^{(22)}m_{310}^{(20)}$$
$$-m_{110}^{(11)}m_{012}^{(22)}m_{301}^{(10)}-m_{110}^{(11)}m_{012}^{(22)}m_{211}^{(00)}-m_{110}^{(11)}m_{003}^{(00)}m_{211}^{(21)}+m_{110}^{(11)}m_{003}^{(00)}m_{112}^{(10)}$$
$$+m_{110}^{(11)}m_{003}^{(10)}m_{301}^{(21)}-m_{110}^{(11)}m_{003}^{(10)}m_{211}^{(20)}-m_{110}^{(11)}m_{003}^{(10)}m_{202}^{(10)}+m_{110}^{(11)}m_{003}^{(10)}m_{112}^{(00)}$$
$$+m_{110}^{(11)}m_{003}^{(11)}m_{301}^{(20)}-m_{110}^{(11)}m_{003}^{(11)}m_{202}^{(00)}+m_{110}^{(11)}m_{003}^{(20)}m_{310}^{(21)}+m_{110}^{(11)}m_{003}^{(20)}m_{220}^{(20)}$$
$$-m_{110}^{(11)}m_{003}^{(20)}m_{211}^{(10)}-m_{110}^{(11)}m_{003}^{(20)}m_{121}^{(00)}-m_{110}^{(11)}m_{003}^{(21)}m_{400}^{(21)}-m_{110}^{(11)}m_{003}^{(21)}m_{310}^{(20)}$$
$$+m_{110}^{(11)}m_{003}^{(21)}m_{301}^{(10)}+m_{110}^{(11)}m_{003}^{(21)}m_{211}^{(00)}-m_{110}^{(20)}m_{300}^{(11)}m_{022}^{(22)}+m_{110}^{(20)}m_{300}^{(11)}m_{013}^{(21)}$$
$$+2m_{110}^{(20)}m_{300}^{(21)}m_{031}^{(22)}-2m_{110}^{(20)}m_{300}^{(21)}m_{022}^{(21)}-m_{110}^{(20)}m_{300}^{(22)}m_{040}^{(22)}+m_{110}^{(20)}m_{300}^{(22)}m_{031}^{(21)}$$
$$+m_{110}^{(20)}m_{210}^{(11)}m_{112}^{(22)}-2m_{110}^{(20)}m_{210}^{(11)}m_{103}^{(21)}+m_{110}^{(20)}m_{210}^{(11)}m_{013}^{(20)}-2m_{110}^{(20)}m_{210}^{(21)}m_{121}^{(22)}$$
$$+4m_{110}^{(20)}m_{210}^{(21)}m_{112}^{(21)}-2m_{110}^{(20)}m_{210}^{(21)}m_{022}^{(20)}+m_{110}^{(20)}m_{210}^{(22)}m_{130}^{(22)}-2m_{110}^{(20)}m_{210}^{(22)}m_{121}^{(21)}$$
$$+m_{110}^{(20)}m_{210}^{(22)}m_{031}^{(20)}-m_{110}^{(20)}m_{201}^{(10)}m_{031}^{(22)}+2m_{110}^{(20)}m_{201}^{(10)}m_{022}^{(21)}-m_{110}^{(20)}m_{201}^{(10)}m_{013}^{(11)}$$
$$+m_{110}^{(20)}m_{201}^{(11)}m_{121}^{(22)}-m_{110}^{(20)}m_{201}^{(11)}m_{013}^{(10)}+m_{110}^{(20)}m_{201}^{(20)}m_{040}^{(22)}-2m_{110}^{(20)}m_{201}^{(20)}m_{031}^{(21)}$$
$$+m_{110}^{(20)}m_{201}^{(20)}m_{022}^{(11)}-m_{110}^{(20)}m_{201}^{(21)}m_{130}^{(22)}-2m_{110}^{(20)}m_{201}^{(21)}m_{121}^{(21)}+m_{110}^{(20)}m_{201}^{(21)}m_{112}^{(11)}$$
$$+2m_{110}^{(20)}m_{201}^{(21)}m_{022}^{(10)}+2m_{110}^{(20)}m_{201}^{(22)}m_{130}^{(21)}-m_{110}^{(20)}m_{201}^{(22)}m_{121}^{(11)}-m_{110}^{(20)}m_{201}^{(22)}m_{031}^{(10)}$$

$$+m_{110}^{(20)}m_{120}^{(00)}m_{022}^{(22)}-m_{110}^{(20)}m_{120}^{(00)}m_{013}^{(21)}-2m_{110}^{(20)}m_{120}^{(20)}m_{121}^{(22)}+2m_{110}^{(20)}m_{120}^{(20)}m_{112}^{(21)}$$
$$+m_{110}^{(20)}m_{120}^{(22)}m_{220}^{(22)}-m_{110}^{(20)}m_{120}^{(22)}m_{211}^{(21)}-m_{110}^{(20)}m_{111}^{(00)}m_{031}^{(22)}+m_{110}^{(20)}m_{111}^{(00)}m_{013}^{(11)}$$
$$+2m_{110}^{(20)}m_{111}^{(10)}m_{121}^{(22)}-4m_{110}^{(20)}m_{111}^{(10)}m_{112}^{(21)}+2m_{110}^{(20)}m_{111}^{(10)}m_{103}^{(11)}-m_{110}^{(20)}m_{111}^{(11)}m_{211}^{(22)}$$
$$+2m_{110}^{(20)}m_{111}^{(11)}m_{202}^{(21)}-2m_{110}^{(20)}m_{111}^{(11)}m_{112}^{(20)}+2m_{110}^{(20)}m_{111}^{(11)}m_{103}^{(10)}-m_{110}^{(20)}m_{111}^{(11)}m_{013}^{(00)}$$
$$+4m_{110}^{(20)}m_{111}^{(20)}m_{121}^{(21)}-4m_{110}^{(20)}m_{111}^{(20)}m_{112}^{(11)}-2m_{110}^{(20)}m_{111}^{(21)}m_{202}^{(11)}+4m_{110}^{(20)}m_{111}^{(21)}m_{121}^{(20)}$$
$$-4m_{110}^{(20)}m_{111}^{(21)}m_{112}^{(10)}+2m_{110}^{(20)}m_{111}^{(21)}m_{022}^{(00)}-2m_{110}^{(20)}m_{111}^{(22)}m_{220}^{(21)}+3m_{110}^{(20)}m_{111}^{(22)}m_{211}^{(11)}$$
$$-2m_{110}^{(20)}m_{111}^{(22)}m_{130}^{(20)}+2m_{110}^{(20)}m_{111}^{(22)}m_{121}^{(10)}-m_{110}^{(20)}m_{111}^{(22)}m_{031}^{(00)}+m_{110}^{(20)}m_{102}^{(00)}m_{031}^{(21)}$$
$$-m_{110}^{(20)}m_{102}^{(00)}m_{022}^{(11)}-m_{110}^{(20)}m_{102}^{(11)}m_{211}^{(21)}+m_{110}^{(20)}m_{102}^{(11)}m_{022}^{(00)}-2m_{110}^{(20)}m_{102}^{(20)}m_{130}^{(21)}$$
$$+2m_{110}^{(20)}m_{102}^{(20)}m_{121}^{(11)}+2m_{110}^{(20)}m_{102}^{(21)}m_{220}^{(21)}-2m_{110}^{(20)}m_{102}^{(21)}m_{031}^{(00)}-m_{110}^{(20)}m_{102}^{(22)}m_{220}^{(11)}$$
$$+m_{110}^{(20)}m_{102}^{(22)}m_{040}^{(00)}-m_{110}^{(20)}m_{030}^{(00)}m_{112}^{(22)}+2m_{110}^{(20)}m_{030}^{(00)}m_{103}^{(21)}-m_{110}^{(20)}m_{030}^{(00)}m_{013}^{(20)}$$
$$+2m_{110}^{(20)}m_{030}^{(20)}m_{211}^{(22)}-4m_{110}^{(20)}m_{030}^{(20)}m_{202}^{(21)}+2m_{110}^{(20)}m_{030}^{(20)}m_{112}^{(20)}-m_{110}^{(20)}m_{030}^{(22)}m_{310}^{(22)}$$
$$+2m_{110}^{(20)}m_{030}^{(22)}m_{301}^{(21)}-m_{110}^{(20)}m_{030}^{(22)}m_{211}^{(20)}+m_{110}^{(20)}m_{021}^{(00)}m_{121}^{(22)}-2m_{110}^{(20)}m_{021}^{(00)}m_{112}^{(21)}$$
$$-2m_{110}^{(20)}m_{021}^{(00)}m_{103}^{(11)}+2m_{110}^{(20)}m_{021}^{(00)}m_{022}^{(20)}+m_{110}^{(20)}m_{021}^{(00)}m_{013}^{(10)}-m_{110}^{(20)}m_{021}^{(10)}m_{211}^{(22)}$$
$$+2m_{110}^{(20)}m_{021}^{(10)}m_{202}^{(21)}-2m_{110}^{(20)}m_{021}^{(10)}m_{103}^{(10)}+m_{110}^{(20)}m_{021}^{(10)}m_{013}^{(00)}-m_{110}^{(20)}m_{021}^{(20)}m_{220}^{(22)}$$
$$+2m_{110}^{(20)}m_{021}^{(20)}m_{211}^{(21)}+4m_{110}^{(20)}m_{021}^{(20)}m_{202}^{(11)}-4m_{110}^{(20)}m_{021}^{(20)}m_{121}^{(20)}-m_{110}^{(20)}m_{021}^{(20)}m_{022}^{(00)}$$
$$+m_{110}^{(20)}m_{021}^{(21)}m_{310}^{(22)}-2m_{110}^{(20)}m_{021}^{(21)}m_{301}^{(21)}+2m_{110}^{(20)}m_{021}^{(21)}m_{202}^{(10)}-m_{110}^{(20)}m_{021}^{(21)}m_{112}^{(00)}$$
$$-2m_{110}^{(20)}m_{021}^{(22)}m_{301}^{(11)}+2m_{110}^{(20)}m_{021}^{(22)}m_{220}^{(20)}-m_{110}^{(20)}m_{021}^{(22)}m_{211}^{(10)}+m_{110}^{(20)}m_{021}^{(22)}m_{121}^{(00)}$$
$$+3m_{110}^{(20)}m_{012}^{(00)}m_{112}^{(11)}-m_{110}^{(20)}m_{012}^{(00)}m_{031}^{(20)}-2m_{110}^{(20)}m_{012}^{(00)}m_{022}^{(10)}-2m_{110}^{(20)}m_{012}^{(10)}m_{202}^{(11)}$$
$$+4m_{110}^{(20)}m_{012}^{(10)}m_{112}^{(10)}-2m_{110}^{(20)}m_{012}^{(10)}m_{022}^{(00)}+m_{110}^{(20)}m_{012}^{(11)}m_{211}^{(20)}-2m_{110}^{(20)}m_{012}^{(11)}m_{202}^{(10)}$$
$$+m_{110}^{(20)}m_{012}^{(11)}m_{112}^{(00)}-4m_{110}^{(20)}m_{012}^{(20)}m_{211}^{(11)}+2m_{110}^{(20)}m_{012}^{(20)}m_{130}^{(20)}+2m_{110}^{(20)}m_{012}^{(20)}m_{031}^{(00)}$$
$$+2m_{110}^{(20)}m_{012}^{(21)}m_{301}^{(11)}-2m_{110}^{(20)}m_{012}^{(21)}m_{220}^{(20)}+m_{110}^{(20)}m_{012}^{(22)}m_{310}^{(11)}-m_{110}^{(20)}m_{012}^{(22)}m_{130}^{(00)}$$
$$-m_{110}^{(20)}m_{003}^{(00)}m_{121}^{(11)}+m_{110}^{(20)}m_{003}^{(00)}m_{031}^{(10)}+m_{110}^{(20)}m_{003}^{(10)}m_{211}^{(11)}-2m_{110}^{(20)}m_{003}^{(10)}m_{121}^{(10)}$$
$$+m_{110}^{(20)}m_{003}^{(10)}m_{031}^{(00)}+m_{110}^{(20)}m_{003}^{(11)}m_{211}^{(10)}-m_{110}^{(20)}m_{003}^{(11)}m_{121}^{(00)}+m_{110}^{(20)}m_{003}^{(20)}m_{220}^{(11)}$$
$$-m_{110}^{(20)}m_{003}^{(20)}m_{040}^{(00)}-m_{110}^{(20)}m_{003}^{(21)}m_{310}^{(11)}+m_{110}^{(20)}m_{003}^{(21)}m_{130}^{(00)}+m_{110}^{(21)}m_{300}^{(11)}m_{112}^{(22)}$$
$$+m_{110}^{(21)}m_{300}^{(11)}m_{103}^{(21)}-2m_{110}^{(21)}m_{300}^{(11)}m_{013}^{(20)}-2m_{110}^{(21)}m_{300}^{(21)}m_{121}^{(22)}-2m_{110}^{(21)}m_{300}^{(21)}m_{112}^{(21)}$$
$$+4m_{110}^{(21)}m_{300}^{(21)}m_{022}^{(20)}+m_{110}^{(21)}m_{300}^{(22)}m_{130}^{(22)}+m_{110}^{(21)}m_{300}^{(22)}m_{121}^{(21)}-2m_{110}^{(21)}m_{300}^{(22)}m_{031}^{(20)}$$
$$-m_{110}^{(21)}m_{210}^{(11)}m_{202}^{(22)}+m_{110}^{(21)}m_{210}^{(11)}m_{103}^{(20)}+2m_{110}^{(21)}m_{210}^{(21)}m_{211}^{(22)}-2m_{110}^{(21)}m_{210}^{(21)}m_{112}^{(20)}$$
$$-m_{110}^{(21)}m_{210}^{(22)}m_{220}^{(22)}+m_{110}^{(21)}m_{210}^{(22)}m_{121}^{(20)}+m_{110}^{(21)}m_{201}^{(10)}m_{121}^{(22)}-m_{110}^{(21)}m_{201}^{(10)}m_{103}^{(11)}$$
$$-2m_{110}^{(21)}m_{201}^{(10)}m_{022}^{(20)}+2m_{110}^{(21)}m_{201}^{(10)}m_{013}^{(10)}-m_{110}^{(21)}m_{201}^{(11)}m_{211}^{(22)}-2m_{110}^{(21)}m_{201}^{(11)}m_{202}^{(21)}$$
$$+2m_{110}^{(21)}m_{201}^{(11)}m_{112}^{(20)}-m_{110}^{(21)}m_{201}^{(11)}m_{103}^{(10)}+2m_{110}^{(21)}m_{201}^{(11)}m_{013}^{(00)}-m_{110}^{(21)}m_{201}^{(20)}m_{130}^{(22)}$$
$$+m_{110}^{(21)}m_{201}^{(20)}m_{112}^{(11)}+2m_{110}^{(21)}m_{201}^{(20)}m_{031}^{(20)}-2m_{110}^{(21)}m_{201}^{(20)}m_{022}^{(10)}+m_{110}^{(21)}m_{201}^{(21)}m_{220}^{(22)}$$
$$+4m_{110}^{(21)}m_{201}^{(21)}m_{211}^{(21)}+m_{110}^{(21)}m_{201}^{(21)}m_{202}^{(11)}-2m_{110}^{(21)}m_{201}^{(21)}m_{121}^{(20)}-4m_{110}^{(21)}m_{201}^{(21)}m_{022}^{(00)}$$
$$-2m_{110}^{(21)}m_{201}^{(22)}m_{220}^{(21)}-m_{110}^{(21)}m_{201}^{(22)}m_{211}^{(11)}+m_{110}^{(21)}m_{201}^{(22)}m_{121}^{(10)}+2m_{110}^{(21)}m_{201}^{(22)}m_{031}^{(00)}$$
$$-m_{110}^{(21)}m_{120}^{(00)}m_{112}^{(22)}-m_{110}^{(21)}m_{120}^{(00)}m_{103}^{(21)}+2m_{110}^{(21)}m_{120}^{(00)}m_{013}^{(20)}+2m_{110}^{(21)}m_{120}^{(20)}m_{211}^{(22)}$$
$$+2m_{110}^{(21)}m_{120}^{(20)}m_{202}^{(21)}-4m_{110}^{(21)}m_{120}^{(20)}m_{112}^{(20)}-m_{110}^{(21)}m_{120}^{(22)}m_{310}^{(22)}-m_{110}^{(21)}m_{120}^{(22)}m_{301}^{(21)}$$
$$+2m_{110}^{(21)}m_{120}^{(22)}m_{211}^{(20)}+m_{110}^{(21)}m_{111}^{(00)}m_{121}^{(22)}+2m_{110}^{(21)}m_{111}^{(00)}m_{112}^{(21)}+m_{110}^{(21)}m_{111}^{(00)}m_{103}^{(11)}$$
$$-2m_{110}^{(21)}m_{111}^{(00)}m_{022}^{(20)}-2m_{110}^{(21)}m_{111}^{(00)}m_{013}^{(10)}-2m_{110}^{(21)}m_{111}^{(10)}m_{211}^{(22)}+4m_{110}^{(21)}m_{111}^{(10)}m_{112}^{(20)}$$
$$-2m_{110}^{(21)}m_{111}^{(10)}m_{013}^{(00)}+m_{110}^{(21)}m_{111}^{(11)}m_{301}^{(22)}-m_{110}^{(21)}m_{111}^{(11)}m_{103}^{(00)}-4m_{110}^{(21)}m_{111}^{(20)}m_{211}^{(21)}$$

$$
\begin{aligned}
&-2m_{110}^{(21)}m_{111}^{(20)}m_{202}^{(11)}+4m_{110}^{(21)}m_{111}^{(20)}m_{112}^{(10)}+2m_{110}^{(21)}m_{111}^{(20)}m_{022}^{(00)}-4m_{110}^{(21)}m_{111}^{(21)}m_{211}^{(20)}\\
&+4m_{110}^{(21)}m_{111}^{(21)}m_{112}^{(00)}+2m_{110}^{(21)}m_{111}^{(22)}m_{310}^{(21)}+m_{110}^{(21)}m_{111}^{(22)}m_{301}^{(11)}+2m_{110}^{(21)}m_{111}^{(22)}m_{220}^{(20)}\\
&-2m_{110}^{(21)}m_{111}^{(22)}m_{211}^{(10)}-3m_{110}^{(21)}m_{111}^{(22)}m_{121}^{(00)}-m_{110}^{(21)}m_{102}^{(00)}m_{121}^{(21)}-m_{110}^{(21)}m_{102}^{(00)}m_{112}^{(11)}\\
&+2m_{110}^{(21)}m_{102}^{(00)}m_{022}^{(10)}+2m_{110}^{(21)}m_{102}^{(10)}m_{202}^{(11)}-4m_{110}^{(21)}m_{102}^{(10)}m_{112}^{(10)}+2m_{110}^{(21)}m_{102}^{(10)}m_{022}^{(00)}\\
&+m_{110}^{(21)}m_{102}^{(11)}m_{301}^{(21)}+2m_{110}^{(21)}m_{102}^{(11)}m_{202}^{(10)}-3m_{110}^{(21)}m_{102}^{(11)}m_{112}^{(00)}+2m_{110}^{(21)}m_{102}^{(20)}m_{220}^{(21)}\\
&-2m_{110}^{(21)}m_{102}^{(20)}m_{031}^{(00)}-2m_{110}^{(21)}m_{102}^{(21)}m_{310}^{(21)}-2m_{110}^{(21)}m_{102}^{(21)}m_{301}^{(11)}+4m_{110}^{(21)}m_{102}^{(21)}m_{121}^{(00)}\\
&+m_{110}^{(21)}m_{102}^{(22)}m_{310}^{(11)}-m_{110}^{(21)}m_{102}^{(22)}m_{130}^{(00)}+m_{110}^{(21)}m_{030}^{(00)}m_{202}^{(22)}-m_{110}^{(21)}m_{030}^{(00)}m_{103}^{(20)}\\
&-2m_{110}^{(21)}m_{030}^{(20)}m_{301}^{(22)}+2m_{110}^{(21)}m_{030}^{(20)}m_{202}^{(20)}+m_{110}^{(21)}m_{030}^{(22)}m_{400}^{(22)}-m_{110}^{(21)}m_{030}^{(22)}m_{301}^{(20)}\\
&-m_{110}^{(21)}m_{021}^{(00)}m_{211}^{(22)}+m_{110}^{(21)}m_{021}^{(00)}m_{103}^{(10)}+m_{110}^{(21)}m_{021}^{(10)}m_{301}^{(22)}-2m_{110}^{(21)}m_{021}^{(10)}m_{202}^{(20)}\\
&+m_{110}^{(21)}m_{021}^{(10)}m_{103}^{(00)}+m_{110}^{(21)}m_{021}^{(20)}m_{310}^{(22)}+2m_{110}^{(21)}m_{021}^{(20)}m_{211}^{(20)}-2m_{110}^{(21)}m_{021}^{(20)}m_{202}^{(10)}\\
&-m_{110}^{(21)}m_{021}^{(20)}m_{112}^{(00)}-m_{110}^{(21)}m_{021}^{(21)}m_{400}^{(22)}+2m_{110}^{(21)}m_{021}^{(21)}m_{301}^{(20)}-m_{110}^{(21)}m_{021}^{(21)}m_{202}^{(00)}\\
&-2m_{110}^{(21)}m_{021}^{(22)}m_{310}^{(20)}+m_{110}^{(21)}m_{021}^{(22)}m_{301}^{(10)}+m_{110}^{(21)}m_{021}^{(22)}m_{211}^{(00)}-m_{110}^{(21)}m_{012}^{(00)}m_{202}^{(11)}\\
&+m_{110}^{(21)}m_{012}^{(00)}m_{121}^{(20)}-m_{110}^{(21)}m_{012}^{(11)}m_{301}^{(20)}+m_{110}^{(21)}m_{012}^{(11)}m_{202}^{(00)}+2m_{110}^{(21)}m_{012}^{(20)}m_{301}^{(11)}\\
&-2m_{110}^{(21)}m_{012}^{(20)}m_{220}^{(20)}+2m_{110}^{(21)}m_{012}^{(21)}m_{310}^{(20)}-2m_{110}^{(21)}m_{012}^{(21)}m_{211}^{(00)}-m_{110}^{(21)}m_{012}^{(22)}m_{400}^{(11)}\\
&+m_{110}^{(21)}m_{012}^{(22)}m_{220}^{(00)}+m_{110}^{(21)}m_{003}^{(00)}m_{211}^{(11)}-m_{110}^{(21)}m_{003}^{(00)}m_{121}^{(10)}-m_{110}^{(21)}m_{003}^{(10)}m_{301}^{(11)}\\
&+2m_{110}^{(21)}m_{003}^{(10)}m_{211}^{(10)}-m_{110}^{(21)}m_{003}^{(10)}m_{121}^{(00)}-m_{110}^{(21)}m_{003}^{(11)}m_{301}^{(10)}+m_{110}^{(21)}m_{003}^{(11)}m_{211}^{(00)}\\
&-m_{110}^{(21)}m_{003}^{(20)}m_{310}^{(11)}+m_{110}^{(21)}m_{003}^{(20)}m_{130}^{(00)}+m_{110}^{(21)}m_{003}^{(21)}m_{400}^{(11)}-m_{110}^{(21)}m_{003}^{(21)}m_{220}^{(00)}\\
&-m_{110}^{(22)}m_{300}^{(11)}m_{112}^{(21)}+m_{110}^{(22)}m_{300}^{(11)}m_{022}^{(20)}+2m_{110}^{(22)}m_{300}^{(21)}m_{121}^{(21)}-2m_{110}^{(22)}m_{300}^{(21)}m_{031}^{(20)}\\
&-m_{110}^{(22)}m_{300}^{(22)}m_{130}^{(21)}+m_{110}^{(22)}m_{300}^{(22)}m_{040}^{(20)}+m_{110}^{(22)}m_{210}^{(11)}m_{202}^{(21)}-m_{110}^{(22)}m_{210}^{(11)}m_{112}^{(20)}\\
&-2m_{110}^{(22)}m_{210}^{(21)}m_{211}^{(21)}+2m_{110}^{(22)}m_{210}^{(21)}m_{121}^{(20)}+m_{110}^{(22)}m_{210}^{(22)}m_{220}^{(21)}-m_{110}^{(22)}m_{210}^{(22)}m_{130}^{(20)}\\
&-m_{110}^{(22)}m_{201}^{(10)}m_{121}^{(21)}+m_{110}^{(22)}m_{201}^{(10)}m_{112}^{(11)}+m_{110}^{(22)}m_{201}^{(10)}m_{031}^{(20)}-m_{110}^{(22)}m_{201}^{(10)}m_{022}^{(10)}\\
&+m_{110}^{(22)}m_{201}^{(11)}m_{211}^{(21)}-m_{110}^{(22)}m_{201}^{(11)}m_{121}^{(20)}+m_{110}^{(22)}m_{201}^{(11)}m_{112}^{(10)}-m_{110}^{(22)}m_{201}^{(11)}m_{022}^{(00)}\\
&+m_{110}^{(22)}m_{201}^{(20)}m_{130}^{(21)}-m_{110}^{(22)}m_{201}^{(20)}m_{121}^{(11)}-m_{110}^{(22)}m_{201}^{(20)}m_{040}^{(20)}+m_{110}^{(22)}m_{201}^{(20)}m_{031}^{(10)}\\
&-m_{110}^{(22)}m_{201}^{(21)}m_{220}^{(21)}-m_{110}^{(22)}m_{201}^{(21)}m_{211}^{(11)}+m_{110}^{(22)}m_{201}^{(21)}m_{130}^{(20)}-m_{110}^{(22)}m_{201}^{(21)}m_{121}^{(10)}\\
&+2m_{110}^{(22)}m_{201}^{(21)}m_{031}^{(00)}+m_{110}^{(22)}m_{201}^{(22)}m_{220}^{(11)}-m_{110}^{(22)}m_{201}^{(22)}m_{040}^{(00)}+m_{110}^{(22)}m_{120}^{(00)}m_{112}^{(21)}\\
&-m_{110}^{(22)}m_{120}^{(00)}m_{022}^{(20)}-2m_{110}^{(22)}m_{120}^{(20)}m_{211}^{(21)}+2m_{110}^{(22)}m_{120}^{(20)}m_{121}^{(20)}+m_{110}^{(22)}m_{120}^{(22)}m_{310}^{(21)}\\
&-m_{110}^{(22)}m_{120}^{(22)}m_{220}^{(20)}-m_{110}^{(22)}m_{111}^{(00)}m_{121}^{(21)}-m_{110}^{(22)}m_{111}^{(00)}m_{112}^{(11)}+m_{110}^{(22)}m_{111}^{(00)}m_{031}^{(20)}\\
&+m_{110}^{(22)}m_{111}^{(00)}m_{022}^{(10)}+2m_{110}^{(22)}m_{111}^{(10)}m_{211}^{(21)}-m_{110}^{(22)}m_{111}^{(10)}m_{202}^{(11)}-2m_{110}^{(22)}m_{111}^{(10)}m_{121}^{(20)}\\
&+m_{110}^{(22)}m_{111}^{(10)}m_{022}^{(00)}-m_{110}^{(22)}m_{111}^{(11)}m_{301}^{(21)}+m_{110}^{(22)}m_{111}^{(11)}m_{211}^{(20)}-m_{110}^{(22)}m_{111}^{(11)}m_{202}^{(10)}\\
&+m_{110}^{(22)}m_{111}^{(11)}m_{112}^{(00)}+3m_{110}^{(22)}m_{111}^{(20)}m_{211}^{(11)}-2m_{110}^{(22)}m_{111}^{(20)}m_{121}^{(10)}-m_{110}^{(22)}m_{111}^{(20)}m_{031}^{(00)}\\
&+m_{110}^{(22)}m_{111}^{(21)}m_{301}^{(11)}+2m_{110}^{(22)}m_{111}^{(21)}m_{211}^{(10)}-3m_{110}^{(22)}m_{111}^{(21)}m_{121}^{(00)}-2m_{110}^{(22)}m_{111}^{(22)}m_{310}^{(11)}\\
&+2m_{110}^{(22)}m_{111}^{(22)}m_{130}^{(00)}+m_{110}^{(22)}m_{102}^{(00)}m_{121}^{(11)}-m_{110}^{(22)}m_{102}^{(00)}m_{031}^{(10)}-m_{110}^{(22)}m_{102}^{(10)}m_{211}^{(11)}\\
&+2m_{110}^{(22)}m_{102}^{(10)}m_{121}^{(10)}-m_{110}^{(22)}m_{102}^{(10)}m_{031}^{(00)}-m_{110}^{(22)}m_{102}^{(11)}m_{211}^{(10)}+m_{110}^{(22)}m_{102}^{(11)}m_{121}^{(00)}\\
&-m_{110}^{(22)}m_{102}^{(20)}m_{220}^{(11)}+m_{110}^{(22)}m_{102}^{(20)}m_{040}^{(00)}+m_{110}^{(22)}m_{102}^{(21)}m_{310}^{(11)}-m_{110}^{(22)}m_{102}^{(21)}m_{130}^{(00)}\\
&-m_{110}^{(22)}m_{030}^{(00)}m_{202}^{(21)}+m_{110}^{(22)}m_{030}^{(00)}m_{112}^{(20)}+2m_{110}^{(22)}m_{030}^{(20)}m_{301}^{(21)}-2m_{110}^{(22)}m_{030}^{(20)}m_{211}^{(20)}\\
&-m_{110}^{(22)}m_{030}^{(21)}m_{400}^{(21)}+m_{110}^{(22)}m_{030}^{(22)}m_{310}^{(20)}+m_{110}^{(22)}m_{021}^{(00)}m_{211}^{(21)}+m_{110}^{(22)}m_{021}^{(00)}m_{202}^{(11)}\\
&-m_{110}^{(22)}m_{021}^{(00)}m_{121}^{(20)}-m_{110}^{(22)}m_{021}^{(00)}m_{112}^{(10)}-m_{110}^{(22)}m_{021}^{(10)}m_{301}^{(21)}+m_{110}^{(22)}m_{021}^{(10)}m_{211}^{(20)}\\
&+m_{110}^{(22)}m_{021}^{(10)}m_{202}^{(10)}-m_{110}^{(22)}m_{021}^{(10)}m_{112}^{(00)}-m_{110}^{(22)}m_{021}^{(20)}m_{310}^{(21)}-2m_{110}^{(22)}m_{021}^{(20)}m_{301}^{(11)}
\end{aligned}
$$

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\begin{aligned}
&+m_{110}^{(22)}m_{021}^{(20)}m_{220}^{(20)}+m_{110}^{(22)}m_{021}^{(20)}m_{211}^{(10)}+m_{110}^{(22)}m_{021}^{(20)}m_{121}^{(00)}+m_{110}^{(22)}m_{021}^{(21)}m_{400}^{(21)}\\
&-m_{110}^{(22)}m_{021}^{(21)}m_{310}^{(20)}-m_{110}^{(22)}m_{021}^{(21)}m_{301}^{(10)}+m_{110}^{(22)}m_{021}^{(21)}m_{211}^{(00)}+m_{110}^{(22)}m_{021}^{(22)}m_{400}^{(11)}\\
&-m_{110}^{(22)}m_{021}^{(22)}m_{220}^{(00)}-m_{110}^{(22)}m_{012}^{(00)}m_{211}^{(11)}+m_{110}^{(22)}m_{012}^{(00)}m_{121}^{(10)}+m_{110}^{(22)}m_{012}^{(10)}m_{301}^{(11)}\\
&-2m_{110}^{(22)}m_{012}^{(10)}m_{211}^{(10)}+m_{110}^{(22)}m_{012}^{(10)}m_{121}^{(00)}+m_{110}^{(22)}m_{012}^{(11)}m_{301}^{(10)}-m_{110}^{(22)}m_{012}^{(11)}m_{211}^{(00)}\\
&+m_{110}^{(22)}m_{012}^{(20)}m_{310}^{(11)}-m_{110}^{(22)}m_{012}^{(20)}m_{130}^{(00)}-m_{110}^{(22)}m_{012}^{(21)}m_{400}^{(11)}+m_{110}^{(22)}m_{012}^{(21)}m_{220}^{(00)}\\
&+m_{101}^{(00)}m_{210}^{(11)}m_{013}^{(21)}-m_{101}^{(00)}m_{210}^{(11)}m_{004}^{(11)}-2m_{101}^{(00)}m_{210}^{(21)}m_{022}^{(21)}+2m_{101}^{(00)}m_{210}^{(21)}m_{013}^{(11)}\\
&+m_{101}^{(00)}m_{210}^{(22)}m_{031}^{(21)}-m_{101}^{(00)}m_{210}^{(22)}m_{022}^{(11)}-m_{101}^{(00)}m_{201}^{(11)}m_{022}^{(21)}+m_{101}^{(00)}m_{201}^{(11)}m_{013}^{(11)}\\
&+2m_{101}^{(00)}m_{201}^{(21)}m_{031}^{(21)}-2m_{101}^{(00)}m_{201}^{(21)}m_{022}^{(11)}-m_{101}^{(00)}m_{201}^{(22)}m_{040}^{(21)}+m_{101}^{(00)}m_{201}^{(22)}m_{031}^{(11)}\\
&+m_{101}^{(00)}m_{120}^{(10)}m_{022}^{(22)}-2m_{101}^{(00)}m_{120}^{(10)}m_{013}^{(21)}+m_{101}^{(00)}m_{120}^{(10)}m_{004}^{(11)}-m_{101}^{(00)}m_{120}^{(11)}m_{112}^{(22)}\\
&+m_{101}^{(00)}m_{120}^{(11)}m_{103}^{(21)}-m_{101}^{(00)}m_{120}^{(11)}m_{013}^{(20)}+m_{101}^{(00)}m_{120}^{(11)}m_{004}^{(10)}-m_{101}^{(00)}m_{120}^{(20)}m_{031}^{(22)}\\
&+2m_{101}^{(00)}m_{120}^{(20)}m_{022}^{(21)}-m_{101}^{(00)}m_{120}^{(20)}m_{013}^{(11)}+m_{101}^{(00)}m_{120}^{(21)}m_{121}^{(22)}-m_{101}^{(00)}m_{120}^{(21)}m_{103}^{(11)}\\
&+2m_{101}^{(00)}m_{120}^{(21)}m_{022}^{(20)}-2m_{101}^{(00)}m_{120}^{(21)}m_{013}^{(10)}-m_{101}^{(00)}m_{120}^{(22)}m_{121}^{(21)}+m_{101}^{(00)}m_{120}^{(22)}m_{112}^{(11)}\\
&-m_{101}^{(00)}m_{120}^{(22)}m_{031}^{(20)}+m_{101}^{(00)}m_{120}^{(22)}m_{022}^{(10)}-m_{101}^{(00)}m_{111}^{(10)}m_{031}^{(22)}+2m_{101}^{(00)}m_{111}^{(10)}m_{022}^{(21)}\\
&-m_{101}^{(00)}m_{111}^{(10)}m_{013}^{(11)}+m_{101}^{(00)}m_{111}^{(11)}m_{121}^{(22)}-m_{101}^{(00)}m_{111}^{(11)}m_{112}^{(21)}+m_{101}^{(00)}m_{111}^{(11)}m_{022}^{(20)}\\
&-m_{101}^{(00)}m_{111}^{(11)}m_{013}^{(10)}+m_{101}^{(00)}m_{111}^{(20)}m_{040}^{(22)}-2m_{101}^{(00)}m_{111}^{(20)}m_{031}^{(21)}+m_{101}^{(00)}m_{111}^{(20)}m_{022}^{(11)}\\
&-m_{101}^{(00)}m_{111}^{(21)}m_{130}^{(22)}+m_{101}^{(00)}m_{111}^{(21)}m_{112}^{(11)}-2m_{101}^{(00)}m_{111}^{(21)}m_{031}^{(20)}+2m_{101}^{(00)}m_{111}^{(21)}m_{022}^{(10)}\\
&+m_{101}^{(00)}m_{111}^{(22)}m_{130}^{(21)}-m_{101}^{(00)}m_{111}^{(22)}m_{121}^{(11)}+m_{101}^{(00)}m_{111}^{(22)}m_{040}^{(20)}-m_{101}^{(00)}m_{111}^{(22)}m_{031}^{(10)}\\
&-m_{101}^{(00)}m_{030}^{(00)}m_{022}^{(22)}+m_{101}^{(00)}m_{030}^{(00)}m_{013}^{(21)}+m_{101}^{(00)}m_{030}^{(10)}m_{112}^{(22)}-m_{101}^{(00)}m_{030}^{(10)}m_{103}^{(21)}\\
&+m_{101}^{(00)}m_{030}^{(10)}m_{013}^{(20)}-m_{101}^{(00)}m_{030}^{(10)}m_{004}^{(10)}+m_{101}^{(00)}m_{030}^{(20)}m_{121}^{(22)}-m_{101}^{(00)}m_{030}^{(20)}m_{112}^{(21)}\\
&-m_{101}^{(00)}m_{030}^{(20)}m_{022}^{(20)}+m_{101}^{(00)}m_{030}^{(20)}m_{013}^{(10)}-m_{101}^{(00)}m_{030}^{(21)}m_{211}^{(22)}+m_{101}^{(00)}m_{030}^{(21)}m_{202}^{(21)}\\
&-m_{101}^{(00)}m_{030}^{(21)}m_{112}^{(20)}+m_{101}^{(00)}m_{030}^{(21)}m_{103}^{(10)}+m_{101}^{(00)}m_{030}^{(22)}m_{121}^{(20)}-m_{101}^{(00)}m_{030}^{(22)}m_{112}^{(10)}\\
&+2m_{101}^{(00)}m_{021}^{(00)}m_{031}^{(22)}-m_{101}^{(00)}m_{021}^{(00)}m_{022}^{(21)}-m_{101}^{(00)}m_{021}^{(00)}m_{013}^{(11)}-3m_{101}^{(00)}m_{021}^{(10)}m_{121}^{(22)}\\
&+2m_{101}^{(00)}m_{021}^{(10)}m_{112}^{(21)}+m_{101}^{(00)}m_{021}^{(10)}m_{103}^{(11)}-2m_{101}^{(00)}m_{021}^{(10)}m_{022}^{(20)}+2m_{101}^{(00)}m_{021}^{(10)}m_{013}^{(10)}\\
&+m_{101}^{(00)}m_{021}^{(11)}m_{211}^{(22)}-m_{101}^{(00)}m_{021}^{(11)}m_{202}^{(21)}+m_{101}^{(00)}m_{021}^{(11)}m_{112}^{(20)}-m_{101}^{(00)}m_{021}^{(11)}m_{103}^{(10)}\\
&-m_{101}^{(00)}m_{021}^{(20)}m_{130}^{(22)}+m_{101}^{(00)}m_{021}^{(20)}m_{112}^{(11)}+2m_{101}^{(00)}m_{021}^{(20)}m_{031}^{(20)}-2m_{101}^{(00)}m_{021}^{(20)}m_{022}^{(10)}\\
&+m_{101}^{(00)}m_{021}^{(21)}m_{220}^{(22)}-m_{101}^{(00)}m_{021}^{(21)}m_{202}^{(11)}-m_{101}^{(00)}m_{021}^{(22)}m_{130}^{(20)}+m_{101}^{(00)}m_{021}^{(22)}m_{121}^{(10)}\\
&-m_{101}^{(00)}m_{012}^{(00)}m_{040}^{(22)}-m_{101}^{(00)}m_{012}^{(00)}m_{031}^{(21)}+2m_{101}^{(00)}m_{012}^{(00)}m_{022}^{(11)}+2m_{101}^{(00)}m_{012}^{(10)}m_{130}^{(22)}\\
&+m_{101}^{(00)}m_{012}^{(10)}m_{121}^{(21)}-3m_{101}^{(00)}m_{012}^{(10)}m_{112}^{(11)}+m_{101}^{(00)}m_{012}^{(10)}m_{031}^{(20)}-m_{101}^{(00)}m_{012}^{(10)}m_{022}^{(10)}\\
&-m_{101}^{(00)}m_{012}^{(11)}m_{220}^{(22)}+m_{101}^{(00)}m_{012}^{(11)}m_{202}^{(11)}-m_{101}^{(00)}m_{012}^{(11)}m_{121}^{(20)}+m_{101}^{(00)}m_{012}^{(11)}m_{112}^{(10)}\\
&+m_{101}^{(00)}m_{012}^{(20)}m_{130}^{(21)}-m_{101}^{(00)}m_{012}^{(20)}m_{121}^{(11)}-m_{101}^{(00)}m_{012}^{(20)}m_{040}^{(20)}+m_{101}^{(00)}m_{012}^{(20)}m_{031}^{(10)}\\
&-m_{101}^{(00)}m_{012}^{(21)}m_{220}^{(21)}+m_{101}^{(00)}m_{012}^{(21)}m_{211}^{(11)}+m_{101}^{(00)}m_{012}^{(21)}m_{130}^{(20)}-m_{101}^{(00)}m_{012}^{(21)}m_{121}^{(10)}\\
&+m_{101}^{(00)}m_{003}^{(00)}m_{040}^{(21)}-m_{101}^{(00)}m_{003}^{(00)}m_{031}^{(11)}-2m_{101}^{(00)}m_{003}^{(10)}m_{130}^{(21)}+2m_{101}^{(00)}m_{003}^{(10)}m_{121}^{(11)}\\
&+m_{101}^{(00)}m_{003}^{(11)}m_{220}^{(21)}-m_{101}^{(00)}m_{003}^{(11)}m_{211}^{(11)}-m_{101}^{(10)}m_{300}^{(11)}m_{013}^{(21)}+m_{101}^{(10)}m_{300}^{(11)}m_{004}^{(11)}\\
&+2m_{101}^{(10)}m_{300}^{(21)}m_{022}^{(21)}-2m_{101}^{(10)}m_{300}^{(21)}m_{013}^{(11)}-m_{101}^{(10)}m_{300}^{(22)}m_{031}^{(21)}+m_{101}^{(10)}m_{300}^{(22)}m_{022}^{(11)}\\
&-m_{101}^{(10)}m_{210}^{(10)}m_{022}^{(22)}+2m_{101}^{(10)}m_{210}^{(10)}m_{013}^{(21)}-m_{101}^{(10)}m_{210}^{(10)}m_{004}^{(11)}+m_{101}^{(10)}m_{210}^{(11)}m_{112}^{(22)}\\
&-2m_{101}^{(10)}m_{210}^{(11)}m_{103}^{(21)}+m_{101}^{(10)}m_{210}^{(11)}m_{013}^{(20)}+m_{101}^{(10)}m_{210}^{(20)}m_{031}^{(22)}-2m_{101}^{(10)}m_{210}^{(20)}m_{022}^{(21)}\\
&+m_{101}^{(10)}m_{210}^{(20)}m_{013}^{(11)}-m_{101}^{(10)}m_{210}^{(21)}m_{121}^{(22)}+2m_{101}^{(10)}m_{210}^{(21)}m_{112}^{(21)}+m_{101}^{(10)}m_{210}^{(21)}m_{103}^{(11)}\\
&-2m_{101}^{(10)}m_{210}^{(21)}m_{022}^{(20)}-m_{101}^{(10)}m_{210}^{(22)}m_{112}^{(11)}+m_{101}^{(10)}m_{210}^{(22)}m_{031}^{(20)}+2m_{101}^{(10)}m_{201}^{(11)}m_{112}^{(21)}
\end{aligned}
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\begin{aligned}
&-m^{(10)}_{101}m^{(11)}_{201}m^{(11)}_{103} - m^{(10)}_{101}m^{(11)}_{201}m^{(10)}_{013} - 4m^{(10)}_{101}m^{(21)}_{201}m^{(21)}_{121} + 2m^{(10)}_{101}m^{(21)}_{201}m^{(11)}_{112}\\
&+2m^{(10)}_{101}m^{(21)}_{201}m^{(10)}_{022} + 2m^{(10)}_{101}m^{(22)}_{201}m^{(21)}_{130} - m^{(10)}_{101}m^{(22)}_{201}m^{(11)}_{121} - m^{(10)}_{101}m^{(22)}_{201}m^{(10)}_{031}\\
&+m^{(10)}_{101}m^{(00)}_{120}m^{(22)}_{022} - m^{(10)}_{101}m^{(00)}_{120}m^{(21)}_{013} - 2m^{(10)}_{101}m^{(10)}_{120}m^{(22)}_{112} + 2m^{(10)}_{101}m^{(10)}_{120}m^{(21)}_{103}\\
&+m^{(10)}_{101}m^{(11)}_{120}m^{(22)}_{202} - m^{(10)}_{101}m^{(11)}_{120}m^{(00)}_{004} - 2m^{(10)}_{101}m^{(21)}_{120}m^{(21)}_{202} + 2m^{(10)}_{101}m^{(21)}_{120}m^{(00)}_{013}\\
&+m^{(10)}_{101}m^{(22)}_{120}m^{(21)}_{211} - m^{(10)}_{101}m^{(22)}_{120}m^{(00)}_{022} - m^{(10)}_{101}m^{(00)}_{111}m^{(22)}_{031} + m^{(10)}_{101}m^{(00)}_{111}m^{(11)}_{013}\\
&+4m^{(10)}_{101}m^{(10)}_{111}m^{(22)}_{121} - 4m^{(10)}_{101}m^{(10)}_{111}m^{(21)}_{112} - 3m^{(10)}_{101}m^{(11)}_{111}m^{(22)}_{211} + 2m^{(10)}_{101}m^{(11)}_{111}m^{(21)}_{202}\\
&-2m^{(10)}_{101}m^{(11)}_{111}m^{(20)}_{112} + 2m^{(10)}_{101}m^{(11)}_{111}m^{(10)}_{103} + m^{(10)}_{101}m^{(11)}_{111}m^{(00)}_{013} - 2m^{(10)}_{101}m^{(20)}_{111}m^{(22)}_{130}\\
&+4m^{(10)}_{101}m^{(20)}_{111}m^{(21)}_{121} - 2m^{(10)}_{101}m^{(20)}_{111}m^{(11)}_{112} + 2m^{(10)}_{101}m^{(21)}_{111}m^{(22)}_{220} + 4m^{(10)}_{101}m^{(21)}_{111}m^{(20)}_{121}\\
&-4m^{(10)}_{101}m^{(21)}_{111}m^{(10)}_{112} - 2m^{(10)}_{101}m^{(21)}_{111}m^{(00)}_{022} - 2m^{(10)}_{101}m^{(22)}_{111}m^{(21)}_{220} + m^{(10)}_{101}m^{(22)}_{111}m^{(11)}_{211}\\
&-2m^{(10)}_{101}m^{(22)}_{111}m^{(20)}_{130} + 2m^{(10)}_{101}m^{(22)}_{111}m^{(10)}_{121} + m^{(10)}_{101}m^{(22)}_{111}m^{(00)}_{031} + m^{(10)}_{101}m^{(00)}_{102}m^{(21)}_{031}\\
&-m^{(10)}_{101}m^{(00)}_{102}m^{(11)}_{022} - 2m^{(10)}_{101}m^{(10)}_{102}m^{(21)}_{121} + 2m^{(10)}_{101}m^{(10)}_{102}m^{(11)}_{112} + m^{(10)}_{101}m^{(11)}_{102}m^{(21)}_{211}\\
&-m^{(10)}_{101}m^{(11)}_{102}m^{(11)}_{202} + m^{(10)}_{101}m^{(00)}_{030}m^{(22)}_{112} - m^{(10)}_{101}m^{(00)}_{030}m^{(20)}_{013} - m^{(10)}_{101}m^{(10)}_{030}m^{(22)}_{202}\\
&+m^{(10)}_{101}m^{(10)}_{030}m^{(00)}_{004} - m^{(10)}_{101}m^{(20)}_{030}m^{(22)}_{211} + 2m^{(10)}_{101}m^{(20)}_{030}m^{(20)}_{112} - m^{(10)}_{101}m^{(20)}_{030}m^{(00)}_{013}\\
&+m^{(10)}_{101}m^{(21)}_{030}m^{(22)}_{301} - m^{(10)}_{101}m^{(21)}_{030}m^{(00)}_{103} - m^{(10)}_{101}m^{(22)}_{030}m^{(20)}_{211} + m^{(10)}_{101}m^{(22)}_{030}m^{(00)}_{112}\\
&-3m^{(10)}_{101}m^{(00)}_{021}m^{(22)}_{121} + 2m^{(10)}_{101}m^{(00)}_{021}m^{(20)}_{022} + m^{(10)}_{101}m^{(00)}_{021}m^{(10)}_{013} + 4m^{(10)}_{101}m^{(10)}_{021}m^{(22)}_{211}\\
&-2m^{(10)}_{101}m^{(10)}_{021}m^{(10)}_{103} - 2m^{(10)}_{101}m^{(10)}_{021}m^{(00)}_{013} - m^{(10)}_{101}m^{(11)}_{021}m^{(22)}_{301} + m^{(10)}_{101}m^{(11)}_{021}m^{(00)}_{103}\\
&+2m^{(10)}_{101}m^{(20)}_{021}m^{(22)}_{220} - 4m^{(10)}_{101}m^{(20)}_{021}m^{(20)}_{121} + 2m^{(10)}_{101}m^{(20)}_{021}m^{(00)}_{022} - 2m^{(10)}_{101}m^{(21)}_{021}m^{(22)}_{310}\\
&+2m^{(10)}_{101}m^{(21)}_{021}m^{(10)}_{202} + 2m^{(10)}_{101}m^{(22)}_{021}m^{(20)}_{220} - m^{(10)}_{101}m^{(22)}_{021}m^{(10)}_{211} - m^{(10)}_{101}m^{(22)}_{021}m^{(00)}_{121}\\
&+2m^{(10)}_{101}m^{(00)}_{012}m^{(22)}_{130} + 2m^{(10)}_{101}m^{(00)}_{012}m^{(21)}_{121} - m^{(10)}_{101}m^{(00)}_{012}m^{(11)}_{112} - m^{(10)}_{101}m^{(00)}_{012}m^{(20)}_{031}\\
&-2m^{(10)}_{101}m^{(00)}_{012}m^{(10)}_{022} - 4m^{(10)}_{101}m^{(10)}_{012}m^{(22)}_{220} - 2m^{(10)}_{101}m^{(10)}_{012}m^{(21)}_{211} + m^{(10)}_{101}m^{(10)}_{012}m^{(11)}_{202}\\
&+4m^{(10)}_{101}m^{(10)}_{012}m^{(10)}_{112} + m^{(10)}_{101}m^{(10)}_{012}m^{(00)}_{022} + 2m^{(10)}_{101}m^{(11)}_{012}m^{(22)}_{310} + m^{(10)}_{101}m^{(11)}_{012}m^{(20)}_{211}\\
&-2m^{(10)}_{101}m^{(11)}_{012}m^{(10)}_{202} - m^{(10)}_{101}m^{(11)}_{012}m^{(00)}_{112} - 2m^{(10)}_{101}m^{(20)}_{012}m^{(21)}_{220} + m^{(10)}_{101}m^{(20)}_{012}m^{(11)}_{211}\\
&+2m^{(10)}_{101}m^{(20)}_{012}m^{(20)}_{130} - m^{(10)}_{101}m^{(20)}_{012}m^{(00)}_{031} + 2m^{(10)}_{101}m^{(21)}_{012}m^{(21)}_{310} - m^{(10)}_{101}m^{(21)}_{012}m^{(11)}_{301}\\
&-2m^{(10)}_{101}m^{(21)}_{012}m^{(20)}_{220} + m^{(10)}_{101}m^{(21)}_{012}m^{(00)}_{121} - 2m^{(10)}_{101}m^{(00)}_{003}m^{(21)}_{130} + m^{(10)}_{101}m^{(00)}_{003}m^{(11)}_{121}\\
&+m^{(10)}_{101}m^{(00)}_{003}m^{(10)}_{031} + 4m^{(10)}_{101}m^{(10)}_{003}m^{(21)}_{220} - 2m^{(10)}_{101}m^{(10)}_{003}m^{(11)}_{211} - 2m^{(10)}_{101}m^{(10)}_{003}m^{(10)}_{121}\\
&-2m^{(10)}_{101}m^{(11)}_{003}m^{(21)}_{310} + m^{(10)}_{101}m^{(11)}_{003}m^{(11)}_{301} + m^{(10)}_{101}m^{(11)}_{003}m^{(10)}_{211} + m^{(11)}_{101}m^{(11)}_{300}m^{(21)}_{103}\\
&-m^{(11)}_{101}m^{(11)}_{300}m^{(10)}_{004} - 2m^{(11)}_{101}m^{(21)}_{300}m^{(21)}_{112} + 2m^{(11)}_{101}m^{(21)}_{300}m^{(10)}_{013} + m^{(11)}_{101}m^{(22)}_{300}m^{(21)}_{121}\\
&-m^{(11)}_{101}m^{(22)}_{300}m^{(10)}_{022} + m^{(11)}_{101}m^{(10)}_{210}m^{(22)}_{112} - m^{(11)}_{101}m^{(10)}_{210}m^{(21)}_{103} - m^{(11)}_{101}m^{(10)}_{210}m^{(20)}_{013}\\
&+m^{(11)}_{101}m^{(10)}_{210}m^{(10)}_{004} - m^{(11)}_{101}m^{(11)}_{210}m^{(22)}_{202} + m^{(11)}_{101}m^{(11)}_{210}m^{(00)}_{004} - m^{(11)}_{101}m^{(20)}_{210}m^{(22)}_{121}\\
&+m^{(11)}_{101}m^{(20)}_{210}m^{(21)}_{112} + m^{(11)}_{101}m^{(20)}_{210}m^{(20)}_{022} - m^{(11)}_{101}m^{(20)}_{210}m^{(10)}_{013} + m^{(11)}_{101}m^{(21)}_{210}m^{(22)}_{211}\\
&+m^{(11)}_{101}m^{(21)}_{210}m^{(21)}_{202} + m^{(11)}_{101}m^{(21)}_{210}m^{(20)}_{112} - m^{(11)}_{101}m^{(21)}_{210}m^{(10)}_{103} - 2m^{(11)}_{101}m^{(21)}_{210}m^{(00)}_{013}\\
&-m^{(11)}_{101}m^{(22)}_{210}m^{(21)}_{211} - m^{(11)}_{101}m^{(22)}_{210}m^{(20)}_{121} + m^{(11)}_{101}m^{(22)}_{210}m^{(10)}_{112} + m^{(11)}_{101}m^{(22)}_{210}m^{(00)}_{022}\\
&-m^{(11)}_{101}m^{(11)}_{201}m^{(21)}_{202} + m^{(11)}_{101}m^{(11)}_{201}m^{(10)}_{103} + 2m^{(11)}_{101}m^{(21)}_{201}m^{(21)}_{211} - 2m^{(11)}_{101}m^{(21)}_{201}m^{(10)}_{112}\\
&-m^{(11)}_{101}m^{(22)}_{201}m^{(21)}_{220} + m^{(11)}_{101}m^{(22)}_{201}m^{(10)}_{121} - m^{(11)}_{101}m^{(00)}_{120}m^{(22)}_{112} + m^{(11)}_{101}m^{(00)}_{120}m^{(20)}_{013}\\
&+m^{(11)}_{101}m^{(10)}_{120}m^{(22)}_{202} - m^{(11)}_{101}m^{(10)}_{120}m^{(00)}_{004} + m^{(11)}_{101}m^{(20)}_{120}m^{(22)}_{211} - 2m^{(11)}_{101}m^{(20)}_{120}m^{(20)}_{112}\\
&+m^{(11)}_{101}m^{(20)}_{120}m^{(00)}_{013} - m^{(11)}_{101}m^{(21)}_{120}m^{(22)}_{301} + m^{(11)}_{101}m^{(21)}_{120}m^{(00)}_{103} + m^{(11)}_{101}m^{(22)}_{120}m^{(20)}_{211}\\
&-m^{(11)}_{101}m^{(22)}_{120}m^{(00)}_{112} + m^{(11)}_{101}m^{(00)}_{111}m^{(22)}_{121} + m^{(11)}_{101}m^{(00)}_{111}m^{(21)}_{112} - m^{(11)}_{101}m^{(00)}_{111}m^{(20)}_{022}\\
&-m^{(11)}_{101}m^{(00)}_{111}m^{(10)}_{013} - 3m^{(11)}_{101}m^{(10)}_{111}m^{(22)}_{211} + 2m^{(11)}_{101}m^{(10)}_{111}m^{(20)}_{112} + m^{(11)}_{101}m^{(10)}_{111}m^{(00)}_{013}
\end{aligned}
$$

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\begin{aligned}
&+2m_{101}^{(11)}m_{111}^{(11)}m_{301}^{(22)} - 2m_{101}^{(11)}m_{111}^{(11)}m_{103}^{(00)} + m_{101}^{(11)}m_{111}^{(20)}m_{220}^{(22)} - 2m_{101}^{(11)}m_{111}^{(20)}m_{211}^{(21)}\\
&+2m_{101}^{(11)}m_{111}^{(20)}m_{112}^{(10)} - m_{101}^{(11)}m_{111}^{(20)}m_{022}^{(00)} - m_{101}^{(11)}m_{111}^{(21)}m_{310}^{(22)} - 2m_{101}^{(11)}m_{111}^{(21)}m_{211}^{(20)}\\
&+3m_{101}^{(11)}m_{111}^{(21)}m_{112}^{(00)} + m_{101}^{(11)}m_{111}^{(22)}m_{310}^{(21)} + m_{101}^{(11)}m_{111}^{(22)}m_{220}^{(20)} - m_{101}^{(11)}m_{111}^{(22)}m_{211}^{(10)}\\
&-m_{101}^{(11)}m_{111}^{(22)}m_{121}^{(00)} - m_{101}^{(11)}m_{102}^{(00)}m_{121}^{(21)} + m_{101}^{(11)}m_{102}^{(00)}m_{022}^{(10)} + 2m_{101}^{(11)}m_{102}^{(10)}m_{211}^{(21)}\\
&-2m_{101}^{(11)}m_{102}^{(10)}m_{112}^{(10)} - m_{101}^{(11)}m_{102}^{(11)}m_{301}^{(21)} + m_{101}^{(11)}m_{102}^{(11)}m_{202}^{(10)} + m_{101}^{(11)}m_{021}^{(00)}m_{211}^{(22)}\\
&-m_{101}^{(11)}m_{021}^{(00)}m_{112}^{(20)} - m_{101}^{(11)}m_{021}^{(10)}m_{301}^{(22)} + m_{101}^{(11)}m_{021}^{(10)}m_{103}^{(00)} - m_{101}^{(11)}m_{021}^{(20)}m_{310}^{(22)}\\
&+2m_{101}^{(11)}m_{021}^{(20)}m_{211}^{(20)} - m_{101}^{(11)}m_{021}^{(20)}m_{112}^{(00)} + m_{101}^{(11)}m_{021}^{(21)}m_{400}^{(22)} - m_{101}^{(11)}m_{021}^{(21)}m_{202}^{(00)}\\
&-m_{101}^{(11)}m_{021}^{(22)}m_{310}^{(20)} + m_{101}^{(11)}m_{021}^{(22)}m_{211}^{(00)} - m_{101}^{(11)}m_{012}^{(00)}m_{220}^{(22)} - m_{101}^{(11)}m_{012}^{(00)}m_{211}^{(21)}\\
&+m_{101}^{(11)}m_{012}^{(00)}m_{121}^{(20)} + m_{101}^{(11)}m_{012}^{(00)}m_{112}^{(10)} + 2m_{101}^{(11)}m_{012}^{(10)}m_{310}^{(22)} + m_{101}^{(11)}m_{012}^{(10)}m_{301}^{(21)}\\
&-m_{101}^{(11)}m_{012}^{(10)}m_{211}^{(20)} - m_{101}^{(11)}m_{012}^{(10)}m_{202}^{(10)} - m_{101}^{(11)}m_{012}^{(10)}m_{112}^{(00)} - m_{101}^{(11)}m_{012}^{(11)}m_{400}^{(22)}\\
&+m_{101}^{(11)}m_{012}^{(11)}m_{202}^{(00)} + m_{101}^{(11)}m_{012}^{(20)}m_{310}^{(21)} - m_{101}^{(11)}m_{012}^{(20)}m_{220}^{(20)} - m_{101}^{(11)}m_{012}^{(20)}m_{211}^{(10)}\\
&+m_{101}^{(11)}m_{012}^{(20)}m_{121}^{(00)} - m_{101}^{(11)}m_{012}^{(21)}m_{400}^{(21)} + m_{101}^{(11)}m_{012}^{(21)}m_{310}^{(20)} + m_{101}^{(11)}m_{012}^{(21)}m_{301}^{(10)}\\
&-m_{101}^{(11)}m_{012}^{(21)}m_{211}^{(00)} + m_{101}^{(11)}m_{003}^{(00)}m_{220}^{(21)} - m_{101}^{(11)}m_{003}^{(00)}m_{121}^{(10)} - 2m_{101}^{(11)}m_{003}^{(10)}m_{310}^{(21)}\\
&+2m_{101}^{(11)}m_{003}^{(10)}m_{211}^{(10)} + m_{101}^{(11)}m_{003}^{(11)}m_{400}^{(21)} - m_{101}^{(11)}m_{003}^{(11)}m_{301}^{(10)} + m_{101}^{(20)}m_{300}^{(11)}m_{022}^{(21)}\\
&-m_{101}^{(20)}m_{300}^{(11)}m_{013}^{(11)} - 2m_{101}^{(20)}m_{300}^{(21)}m_{031}^{(21)} + 2m_{101}^{(20)}m_{300}^{(21)}m_{022}^{(11)} + m_{101}^{(20)}m_{300}^{(22)}m_{040}^{(21)}\\
&-m_{101}^{(20)}m_{300}^{(22)}m_{031}^{(11)} + m_{101}^{(20)}m_{210}^{(10)}m_{031}^{(22)} - 2m_{101}^{(20)}m_{210}^{(10)}m_{022}^{(21)} + m_{101}^{(20)}m_{210}^{(10)}m_{013}^{(11)}\\
&-m_{101}^{(20)}m_{210}^{(11)}m_{121}^{(22)} + 2m_{101}^{(20)}m_{210}^{(11)}m_{103}^{(11)} - m_{101}^{(20)}m_{210}^{(11)}m_{022}^{(20)} - m_{101}^{(20)}m_{210}^{(20)}m_{040}^{(22)}\\
&+2m_{101}^{(20)}m_{210}^{(20)}m_{031}^{(21)} - m_{101}^{(20)}m_{210}^{(20)}m_{022}^{(11)} + m_{101}^{(20)}m_{210}^{(21)}m_{130}^{(22)} + 2m_{101}^{(20)}m_{210}^{(21)}m_{121}^{(21)}\\
&-5m_{101}^{(20)}m_{210}^{(21)}m_{112}^{(11)} + 2m_{101}^{(20)}m_{210}^{(21)}m_{031}^{(20)} - 2m_{101}^{(20)}m_{210}^{(22)}m_{130}^{(21)} + 3m_{101}^{(20)}m_{210}^{(22)}m_{121}^{(11)}\\
&-m_{101}^{(20)}m_{210}^{(22)}m_{040}^{(20)} - m_{101}^{(20)}m_{201}^{(11)}m_{112}^{(11)} + m_{101}^{(20)}m_{201}^{(11)}m_{022}^{(10)} + 2m_{101}^{(20)}m_{201}^{(21)}m_{121}^{(11)}\\
&-2m_{101}^{(20)}m_{201}^{(21)}m_{031}^{(10)} - m_{101}^{(20)}m_{201}^{(22)}m_{130}^{(11)} + m_{101}^{(20)}m_{201}^{(22)}m_{040}^{(10)} - m_{101}^{(20)}m_{120}^{(00)}m_{031}^{(22)}\\
&+m_{101}^{(20)}m_{120}^{(00)}m_{022}^{(21)} + 2m_{101}^{(20)}m_{120}^{(10)}m_{112}^{(21)} - 2m_{101}^{(20)}m_{120}^{(10)}m_{103}^{(11)} + m_{101}^{(20)}m_{120}^{(11)}m_{211}^{(22)}\\
&-2m_{101}^{(20)}m_{120}^{(11)}m_{202}^{(21)} + 2m_{101}^{(20)}m_{120}^{(11)}m_{112}^{(20)} - 2m_{101}^{(20)}m_{120}^{(11)}m_{103}^{(10)} + m_{101}^{(20)}m_{120}^{(11)}m_{013}^{(00)}\\
&+2m_{101}^{(20)}m_{120}^{(20)}m_{130}^{(22)} - 4m_{101}^{(20)}m_{120}^{(20)}m_{121}^{(21)} + 2m_{101}^{(20)}m_{120}^{(20)}m_{112}^{(11)} - 2m_{101}^{(20)}m_{120}^{(21)}m_{220}^{(22)}\\
&+2m_{101}^{(20)}m_{120}^{(21)}m_{211}^{(21)} + 2m_{101}^{(20)}m_{120}^{(21)}m_{202}^{(11)} - 4m_{101}^{(20)}m_{120}^{(21)}m_{121}^{(20)} + 4m_{101}^{(20)}m_{120}^{(21)}m_{112}^{(10)}\\
&-2m_{101}^{(20)}m_{120}^{(21)}m_{022}^{(00)} + m_{101}^{(20)}m_{120}^{(22)}m_{220}^{(21)} - 2m_{101}^{(20)}m_{120}^{(22)}m_{211}^{(11)} + 2m_{101}^{(20)}m_{120}^{(22)}m_{130}^{(20)}\\
&-2m_{101}^{(20)}m_{120}^{(22)}m_{121}^{(10)} + m_{101}^{(20)}m_{120}^{(22)}m_{031}^{(00)} + m_{101}^{(20)}m_{111}^{(00)}m_{040}^{(22)} - m_{101}^{(20)}m_{111}^{(00)}m_{022}^{(11)}\\
&-2m_{101}^{(20)}m_{111}^{(10)}m_{130}^{(22)} + 2m_{101}^{(20)}m_{111}^{(10)}m_{112}^{(11)} + m_{101}^{(20)}m_{111}^{(11)}m_{220}^{(22)} - m_{101}^{(20)}m_{111}^{(11)}m_{022}^{(00)}\\
&-2m_{101}^{(20)}m_{111}^{(21)}m_{211}^{(11)} + 2m_{101}^{(20)}m_{111}^{(21)}m_{031}^{(00)} + m_{101}^{(20)}m_{111}^{(22)}m_{220}^{(11)} - m_{101}^{(20)}m_{111}^{(22)}m_{040}^{(00)}\\
&-m_{101}^{(20)}m_{102}^{(00)}m_{040}^{(21)} + m_{101}^{(20)}m_{102}^{(00)}m_{031}^{(11)} + 2m_{101}^{(20)}m_{102}^{(10)}m_{130}^{(21)} - 2m_{101}^{(20)}m_{102}^{(10)}m_{121}^{(11)}\\
&-m_{101}^{(20)}m_{102}^{(11)}m_{220}^{(21)} + m_{101}^{(20)}m_{102}^{(11)}m_{211}^{(11)} + m_{101}^{(20)}m_{030}^{(00)}m_{121}^{(22)} - 2m_{101}^{(20)}m_{030}^{(00)}m_{112}^{(21)}\\
&+m_{101}^{(20)}m_{030}^{(00)}m_{022}^{(20)} - m_{101}^{(20)}m_{030}^{(10)}m_{211}^{(22)} + 2m_{101}^{(20)}m_{030}^{(10)}m_{202}^{(21)} - 2m_{101}^{(20)}m_{030}^{(10)}m_{112}^{(20)}\\
&+2m_{101}^{(20)}m_{030}^{(10)}m_{103}^{(10)} - m_{101}^{(20)}m_{030}^{(10)}m_{013}^{(00)} - m_{101}^{(20)}m_{030}^{(20)}m_{220}^{(22)} + 2m_{101}^{(20)}m_{030}^{(20)}m_{211}^{(21)}\\
&-2m_{101}^{(20)}m_{030}^{(20)}m_{112}^{(10)} + m_{101}^{(20)}m_{030}^{(20)}m_{022}^{(00)} + m_{101}^{(20)}m_{030}^{(21)}m_{310}^{(22)} - 2m_{101}^{(20)}m_{030}^{(21)}m_{301}^{(21)}\\
&+2m_{101}^{(20)}m_{030}^{(21)}m_{211}^{(20)} - 2m_{101}^{(20)}m_{030}^{(21)}m_{202}^{(10)} + m_{101}^{(20)}m_{030}^{(21)}m_{112}^{(00)} - m_{101}^{(20)}m_{030}^{(22)}m_{220}^{(20)}\\
&+2m_{101}^{(20)}m_{030}^{(22)}m_{211}^{(10)} - m_{101}^{(20)}m_{030}^{(22)}m_{121}^{(00)} - m_{101}^{(20)}m_{021}^{(00)}m_{130}^{(22)} + 2m_{101}^{(20)}m_{021}^{(00)}m_{121}^{(21)}\\
&+2m_{101}^{(20)}m_{021}^{(00)}m_{112}^{(11)} - 2m_{101}^{(20)}m_{021}^{(00)}m_{031}^{(20)} - m_{101}^{(20)}m_{021}^{(00)}m_{022}^{(10)} + 2m_{101}^{(20)}m_{021}^{(10)}m_{220}^{(22)}\\
&-4m_{101}^{(20)}m_{021}^{(10)}m_{211}^{(21)} - 2m_{101}^{(20)}m_{021}^{(10)}m_{202}^{(11)} + 4m_{101}^{(20)}m_{021}^{(10)}m_{121}^{(20)} - 2m_{101}^{(20)}m_{021}^{(10)}m_{112}^{(10)}
\end{aligned}
$$

$$+2m_{101}^{(20)}m_{021}^{(10)}m_{022}^{(00)} - m_{101}^{(20)}m_{021}^{(11)}m_{310}^{(22)} + 2m_{101}^{(20)}m_{021}^{(11)}m_{301}^{(21)} - 2m_{101}^{(20)}m_{021}^{(11)}m_{211}^{(20)}$$
$$+2m_{101}^{(20)}m_{021}^{(11)}m_{202}^{(10)} - m_{101}^{(20)}m_{021}^{(11)}m_{112}^{(00)} - 2m_{101}^{(20)}m_{021}^{(20)}m_{211}^{(11)} + 4m_{101}^{(20)}m_{021}^{(20)}m_{121}^{(10)}$$
$$-2m_{101}^{(20)}m_{021}^{(20)}m_{031}^{(00)} + 2m_{101}^{(20)}m_{021}^{(21)}m_{301}^{(11)} - 2m_{101}^{(20)}m_{021}^{(21)}m_{211}^{(10)} - m_{101}^{(20)}m_{021}^{(22)}m_{220}^{(10)}$$
$$+m_{101}^{(20)}m_{021}^{(22)}m_{130}^{(00)} - 3m_{101}^{(20)}m_{012}^{(00)}m_{121}^{(11)} + m_{101}^{(20)}m_{012}^{(00)}m_{040}^{(20)} + 2m_{101}^{(20)}m_{012}^{(00)}m_{031}^{(10)}$$
$$+5m_{101}^{(20)}m_{012}^{(10)}m_{211}^{(11)} - 2m_{101}^{(20)}m_{012}^{(10)}m_{130}^{(20)} - 2m_{101}^{(20)}m_{012}^{(10)}m_{121}^{(10)} - m_{101}^{(20)}m_{012}^{(10)}m_{031}^{(00)}$$
$$-2m_{101}^{(20)}m_{012}^{(11)}m_{301}^{(11)} + m_{101}^{(20)}m_{012}^{(11)}m_{220}^{(20)} + m_{101}^{(20)}m_{012}^{(11)}m_{121}^{(00)} + m_{101}^{(20)}m_{012}^{(20)}m_{220}^{(11)}$$
$$-2m_{101}^{(20)}m_{012}^{(20)}m_{130}^{(10)} + m_{101}^{(20)}m_{012}^{(20)}m_{040}^{(00)} - m_{101}^{(20)}m_{012}^{(21)}m_{310}^{(11)} + 2m_{101}^{(20)}m_{012}^{(21)}m_{220}^{(10)}$$
$$-m_{101}^{(20)}m_{012}^{(21)}m_{130}^{(00)} + m_{101}^{(20)}m_{003}^{(00)}m_{130}^{(11)} - m_{101}^{(20)}m_{003}^{(00)}m_{040}^{(10)} - 2m_{101}^{(20)}m_{003}^{(10)}m_{220}^{(11)}$$
$$+2m_{101}^{(20)}m_{003}^{(10)}m_{130}^{(10)} + m_{101}^{(20)}m_{003}^{(11)}m_{310}^{(11)} - m_{101}^{(20)}m_{003}^{(11)}m_{220}^{(10)} - m_{101}^{(21)}m_{300}^{(11)}m_{112}^{(21)}$$
$$-m_{101}^{(21)}m_{300}^{(11)}m_{103}^{(11)} + 2m_{101}^{(21)}m_{300}^{(11)}m_{013}^{(10)} + 2m_{101}^{(21)}m_{300}^{(21)}m_{121}^{(21)} + 2m_{101}^{(21)}m_{300}^{(21)}m_{112}^{(11)}$$
$$-4m_{101}^{(21)}m_{300}^{(21)}m_{022}^{(10)} - m_{101}^{(21)}m_{300}^{(22)}m_{130}^{(21)} - m_{101}^{(21)}m_{300}^{(22)}m_{121}^{(11)} + 2m_{101}^{(21)}m_{300}^{(22)}m_{031}^{(10)}$$
$$-m_{101}^{(21)}m_{210}^{(10)}m_{121}^{(22)} + m_{101}^{(21)}m_{210}^{(10)}m_{103}^{(11)} + 2m_{101}^{(21)}m_{210}^{(10)}m_{022}^{(20)} - 2m_{101}^{(21)}m_{210}^{(10)}m_{013}^{(10)}$$
$$+m_{101}^{(21)}m_{210}^{(11)}m_{211}^{(22)} + 2m_{101}^{(21)}m_{210}^{(11)}m_{202}^{(21)} - m_{101}^{(21)}m_{210}^{(11)}m_{112}^{(20)} - 2m_{101}^{(21)}m_{210}^{(11)}m_{013}^{(00)}$$
$$+m_{101}^{(21)}m_{210}^{(20)}m_{130}^{(22)} - m_{101}^{(21)}m_{210}^{(20)}m_{112}^{(11)} - 2m_{101}^{(21)}m_{210}^{(20)}m_{031}^{(20)} + 2m_{101}^{(21)}m_{210}^{(20)}m_{022}^{(10)}$$
$$-m_{101}^{(21)}m_{210}^{(21)}m_{220}^{(22)} - 4m_{101}^{(21)}m_{210}^{(21)}m_{211}^{(21)} - m_{101}^{(21)}m_{210}^{(21)}m_{202}^{(11)} + 2m_{101}^{(21)}m_{210}^{(21)}m_{112}^{(10)}$$
$$+4m_{101}^{(21)}m_{210}^{(21)}m_{022}^{(00)} + 2m_{101}^{(21)}m_{210}^{(22)}m_{220}^{(21)} + m_{101}^{(21)}m_{210}^{(22)}m_{211}^{(11)} + m_{101}^{(21)}m_{210}^{(22)}m_{130}^{(20)}$$
$$-2m_{101}^{(21)}m_{210}^{(22)}m_{121}^{(10)} - 2m_{101}^{(21)}m_{210}^{(22)}m_{031}^{(00)} + m_{101}^{(21)}m_{201}^{(11)}m_{202}^{(11)} - m_{101}^{(21)}m_{201}^{(11)}m_{201}^{(10)}m_{112}^{(10)}$$
$$-2m_{101}^{(21)}m_{201}^{(21)}m_{211}^{(11)} + 2m_{101}^{(21)}m_{201}^{(21)}m_{121}^{(10)} + m_{101}^{(21)}m_{201}^{(22)}m_{220}^{(11)} - m_{101}^{(21)}m_{201}^{(22)}m_{130}^{(10)}$$
$$+m_{101}^{(21)}m_{120}^{(00)}m_{121}^{(22)} + m_{101}^{(21)}m_{120}^{(00)}m_{112}^{(21)} - 2m_{101}^{(21)}m_{120}^{(00)}m_{022}^{(20)} - 2m_{101}^{(21)}m_{120}^{(10)}m_{120}^{(21)}m_{202}^{(21)}$$
$$+2m_{101}^{(21)}m_{120}^{(10)}m_{013}^{(00)} - m_{101}^{(21)}m_{120}^{(11)}m_{301}^{(22)} + m_{101}^{(21)}m_{120}^{(11)}m_{103}^{(00)} - 2m_{101}^{(21)}m_{120}^{(20)}m_{220}^{(22)}$$
$$+4m_{101}^{(21)}m_{120}^{(20)}m_{121}^{(20)} - 2m_{101}^{(21)}m_{120}^{(20)}m_{022}^{(00)} + 2m_{101}^{(21)}m_{120}^{(21)}m_{310}^{(22)} + 2m_{101}^{(21)}m_{120}^{(21)}m_{301}^{(21)}$$
$$-4m_{101}^{(21)}m_{120}^{(21)}m_{112}^{(00)} - m_{101}^{(21)}m_{120}^{(22)}m_{310}^{(21)} - 2m_{101}^{(21)}m_{120}^{(22)}m_{220}^{(20)} + 3m_{101}^{(21)}m_{120}^{(22)}m_{121}^{(00)}$$
$$-m_{101}^{(21)}m_{111}^{(00)}m_{130}^{(22)} - 2m_{101}^{(21)}m_{111}^{(00)}m_{121}^{(21)} - m_{101}^{(21)}m_{111}^{(00)}m_{112}^{(11)} + 2m_{101}^{(21)}m_{111}^{(00)}m_{031}^{(20)}$$
$$+2m_{101}^{(21)}m_{111}^{(00)}m_{022}^{(10)} + 2m_{101}^{(21)}m_{111}^{(10)}m_{220}^{(22)} + 4m_{101}^{(21)}m_{111}^{(10)}m_{211}^{(21)} - 4m_{101}^{(21)}m_{111}^{(10)}m_{121}^{(20)}$$
$$-2m_{101}^{(21)}m_{111}^{(10)}m_{022}^{(00)} - m_{101}^{(21)}m_{111}^{(11)}m_{310}^{(22)} - 2m_{101}^{(21)}m_{111}^{(11)}m_{301}^{(21)} + 2m_{101}^{(21)}m_{111}^{(11)}m_{211}^{(20)}$$
$$-2m_{101}^{(21)}m_{111}^{(11)}m_{202}^{(10)} + 3m_{101}^{(21)}m_{111}^{(11)}m_{112}^{(00)} + 2m_{101}^{(21)}m_{111}^{(20)}m_{211}^{(11)} - 4m_{101}^{(21)}m_{111}^{(20)}m_{121}^{(10)}$$
$$+2m_{101}^{(21)}m_{111}^{(20)}m_{031}^{(00)} + 4m_{101}^{(21)}m_{111}^{(21)}m_{211}^{(10)} - 4m_{101}^{(21)}m_{111}^{(21)}m_{121}^{(00)} - m_{101}^{(21)}m_{111}^{(22)}m_{310}^{(11)}$$
$$+m_{101}^{(21)}m_{111}^{(22)}m_{130}^{(00)} + m_{101}^{(21)}m_{102}^{(00)}m_{130}^{(21)} + m_{101}^{(21)}m_{102}^{(00)}m_{121}^{(11)} - 2m_{101}^{(21)}m_{102}^{(00)}m_{031}^{(10)}$$
$$-2m_{101}^{(21)}m_{102}^{(10)}m_{220}^{(21)} - 2m_{101}^{(21)}m_{102}^{(10)}m_{211}^{(11)} + 4m_{101}^{(21)}m_{102}^{(10)}m_{121}^{(10)} + m_{101}^{(21)}m_{102}^{(11)}m_{310}^{(21)}$$
$$+m_{101}^{(21)}m_{102}^{(11)}m_{301}^{(11)} - 2m_{101}^{(21)}m_{102}^{(11)}m_{211}^{(10)} - m_{101}^{(21)}m_{030}^{(00)}m_{211}^{(22)} + m_{101}^{(21)}m_{030}^{(00)}m_{112}^{(20)}$$
$$+m_{101}^{(21)}m_{030}^{(10)}m_{301}^{(22)} - m_{101}^{(21)}m_{030}^{(10)}m_{103}^{(00)} + m_{101}^{(21)}m_{030}^{(20)}m_{310}^{(22)} - 2m_{101}^{(21)}m_{030}^{(20)}m_{211}^{(20)}$$
$$+m_{101}^{(21)}m_{030}^{(20)}m_{112}^{(00)} - m_{101}^{(21)}m_{030}^{(21)}m_{400}^{(22)} + m_{101}^{(21)}m_{030}^{(21)}m_{202}^{(00)} + m_{101}^{(21)}m_{030}^{(22)}m_{310}^{(20)}$$
$$-m_{101}^{(21)}m_{030}^{(22)}m_{211}^{(00)} + m_{101}^{(21)}m_{021}^{(00)}m_{220}^{(22)} - m_{101}^{(21)}m_{021}^{(00)}m_{112}^{(10)} - 2m_{101}^{(21)}m_{021}^{(10)}m_{310}^{(22)}$$
$$+2m_{101}^{(21)}m_{021}^{(10)}m_{202}^{(10)} + m_{101}^{(21)}m_{021}^{(11)}m_{400}^{(22)} - m_{101}^{(21)}m_{021}^{(11)}m_{202}^{(00)} - 2m_{101}^{(21)}m_{021}^{(21)}m_{301}^{(10)}$$
$$+2m_{101}^{(21)}m_{021}^{(21)}m_{211}^{(00)} + m_{101}^{(21)}m_{021}^{(22)}m_{310}^{(10)} - m_{101}^{(21)}m_{021}^{(22)}m_{220}^{(00)} + m_{101}^{(21)}m_{012}^{(00)}m_{211}^{(11)}$$
$$-m_{101}^{(21)}m_{012}^{(00)}m_{130}^{(20)} - m_{101}^{(21)}m_{012}^{(10)}m_{301}^{(11)} + 2m_{101}^{(21)}m_{012}^{(10)}m_{220}^{(20)} - 2m_{101}^{(21)}m_{012}^{(10)}m_{211}^{(10)}$$
$$+m_{101}^{(21)}m_{012}^{(10)}m_{121}^{(00)} - m_{101}^{(21)}m_{012}^{(11)}m_{310}^{(20)} + 2m_{101}^{(21)}m_{012}^{(11)}m_{301}^{(10)} - m_{101}^{(21)}m_{012}^{(11)}m_{211}^{(00)}$$
$$-m_{101}^{(21)}m_{012}^{(20)}m_{310}^{(11)} + 2m_{101}^{(21)}m_{012}^{(20)}m_{220}^{(10)} - m_{101}^{(21)}m_{012}^{(20)}m_{130}^{(00)} + m_{101}^{(21)}m_{012}^{(21)}m_{400}^{(11)}$$

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\begin{aligned}
&-2m_{101}^{(21)}m_{012}^{(21)}m_{310}^{(10)}+m_{101}^{(21)}m_{012}^{(21)}m_{220}^{(00)}-m_{101}^{(21)}m_{003}^{(00)}m_{220}^{(11)}+m_{101}^{(21)}m_{003}^{(00)}m_{130}^{(10)}\\
&+2m_{101}^{(21)}m_{003}^{(10)}m_{310}^{(11)}-2m_{101}^{(21)}m_{003}^{(10)}m_{220}^{(10)}-m_{101}^{(21)}m_{003}^{(11)}m_{400}^{(11)}+m_{101}^{(21)}m_{003}^{(11)}m_{310}^{(10)}\\
&+m_{101}^{(22)}m_{300}^{(11)}m_{112}^{(11)}-m_{101}^{(22)}m_{300}^{(11)}m_{022}^{(10)}-2m_{101}^{(22)}m_{300}^{(21)}m_{121}^{(11)}+2m_{101}^{(22)}m_{300}^{(21)}m_{031}^{(10)}\\
&+m_{101}^{(22)}m_{300}^{(22)}m_{130}^{(11)}-m_{101}^{(22)}m_{300}^{(22)}m_{040}^{(10)}+m_{101}^{(22)}m_{210}^{(10)}m_{121}^{(21)}-m_{101}^{(22)}m_{210}^{(10)}m_{112}^{(11)}\\
&-m_{101}^{(22)}m_{210}^{(10)}m_{031}^{(20)}+m_{101}^{(22)}m_{210}^{(10)}m_{022}^{(10)}-m_{101}^{(22)}m_{210}^{(11)}m_{211}^{(21)}-m_{101}^{(22)}m_{210}^{(11)}m_{202}^{(11)}\\
&+m_{101}^{(22)}m_{210}^{(11)}m_{121}^{(20)}+m_{101}^{(22)}m_{210}^{(11)}m_{022}^{(00)}-m_{101}^{(22)}m_{210}^{(20)}m_{130}^{(21)}+m_{101}^{(22)}m_{210}^{(20)}m_{121}^{(11)}\\
&+m_{101}^{(22)}m_{210}^{(20)}m_{040}^{(20)}-m_{101}^{(22)}m_{210}^{(20)}m_{031}^{(10)}+m_{101}^{(22)}m_{210}^{(21)}m_{220}^{(21)}+3m_{101}^{(22)}m_{210}^{(21)}m_{211}^{(11)}\\
&-m_{101}^{(22)}m_{210}^{(21)}m_{130}^{(20)}-m_{101}^{(22)}m_{210}^{(21)}m_{121}^{(10)}-2m_{101}^{(22)}m_{210}^{(21)}m_{031}^{(00)}-2m_{101}^{(22)}m_{210}^{(22)}m_{220}^{(11)}\\
&+m_{101}^{(22)}m_{210}^{(22)}m_{130}^{(10)}+m_{101}^{(22)}m_{210}^{(22)}m_{040}^{(00)}-m_{101}^{(22)}m_{120}^{(00)}m_{121}^{(21)}+m_{101}^{(22)}m_{120}^{(00)}m_{031}^{(20)}\\
&+m_{101}^{(22)}m_{120}^{(10)}m_{202}^{(11)}-m_{101}^{(22)}m_{120}^{(10)}m_{022}^{(00)}+m_{101}^{(22)}m_{120}^{(11)}m_{301}^{(21)}-m_{101}^{(22)}m_{120}^{(11)}m_{211}^{(20)}\\
&+m_{101}^{(22)}m_{120}^{(11)}m_{202}^{(10)}-m_{101}^{(22)}m_{120}^{(11)}m_{112}^{(00)}+2m_{101}^{(22)}m_{120}^{(20)}m_{220}^{(21)}-m_{101}^{(22)}m_{120}^{(20)}m_{211}^{(11)}\\
&-2m_{101}^{(22)}m_{120}^{(20)}m_{130}^{(20)}+m_{101}^{(22)}m_{120}^{(20)}m_{031}^{(00)}-2m_{101}^{(22)}m_{120}^{(21)}m_{310}^{(21)}-m_{101}^{(22)}m_{120}^{(21)}m_{301}^{(11)}\\
&+2m_{101}^{(22)}m_{120}^{(21)}m_{220}^{(20)}-2m_{101}^{(22)}m_{120}^{(21)}m_{211}^{(10)}+3m_{101}^{(22)}m_{120}^{(21)}m_{121}^{(00)}+m_{101}^{(22)}m_{120}^{(22)}m_{310}^{(11)}\\
&+m_{101}^{(22)}m_{120}^{(22)}m_{220}^{(10)}-2m_{101}^{(22)}m_{120}^{(22)}m_{130}^{(00)}+m_{101}^{(22)}m_{111}^{(00)}m_{130}^{(21)}+m_{101}^{(22)}m_{111}^{(00)}m_{121}^{(11)}\\
&-m_{101}^{(22)}m_{111}^{(00)}m_{040}^{(20)}-m_{101}^{(22)}m_{111}^{(00)}m_{031}^{(10)}-2m_{101}^{(22)}m_{111}^{(10)}m_{220}^{(21)}-m_{101}^{(22)}m_{111}^{(10)}m_{211}^{(11)}\\
&+2m_{101}^{(22)}m_{111}^{(10)}m_{130}^{(20)}+m_{101}^{(22)}m_{111}^{(10)}m_{031}^{(00)}+m_{101}^{(22)}m_{111}^{(11)}m_{310}^{(21)}-m_{101}^{(22)}m_{111}^{(11)}m_{220}^{(20)}\\
&+m_{101}^{(22)}m_{111}^{(11)}m_{211}^{(10)}-m_{101}^{(22)}m_{111}^{(11)}m_{121}^{(00)}-m_{101}^{(22)}m_{111}^{(20)}m_{220}^{(11)}+2m_{101}^{(22)}m_{111}^{(20)}m_{130}^{(10)}\\
&-m_{101}^{(22)}m_{111}^{(20)}m_{040}^{(00)}+m_{101}^{(22)}m_{111}^{(21)}m_{310}^{(11)}-2m_{101}^{(22)}m_{111}^{(21)}m_{220}^{(10)}+m_{101}^{(22)}m_{111}^{(21)}m_{130}^{(00)}\\
&-m_{101}^{(22)}m_{102}^{(00)}m_{130}^{(11)}+m_{101}^{(22)}m_{102}^{(00)}m_{040}^{(10)}+2m_{101}^{(22)}m_{102}^{(10)}m_{220}^{(11)}-2m_{101}^{(22)}m_{102}^{(10)}m_{130}^{(10)}\\
&-m_{101}^{(22)}m_{102}^{(11)}m_{310}^{(11)}+m_{101}^{(22)}m_{102}^{(11)}m_{220}^{(10)}+m_{101}^{(22)}m_{030}^{(00)}m_{211}^{(21)}-m_{101}^{(22)}m_{030}^{(00)}m_{121}^{(20)}\\
&-m_{101}^{(22)}m_{030}^{(10)}m_{301}^{(21)}+m_{101}^{(22)}m_{030}^{(10)}m_{211}^{(20)}-m_{101}^{(22)}m_{030}^{(10)}m_{202}^{(10)}+m_{101}^{(22)}m_{030}^{(10)}m_{112}^{(00)}\\
&-m_{101}^{(22)}m_{030}^{(20)}m_{310}^{(21)}+m_{101}^{(22)}m_{030}^{(20)}m_{220}^{(20)}+m_{101}^{(22)}m_{030}^{(20)}m_{211}^{(10)}-m_{101}^{(22)}m_{030}^{(20)}m_{121}^{(00)}\\
&+m_{101}^{(22)}m_{030}^{(21)}m_{400}^{(21)}-m_{101}^{(22)}m_{030}^{(21)}m_{310}^{(20)}+m_{101}^{(22)}m_{030}^{(21)}m_{301}^{(10)}-m_{101}^{(22)}m_{030}^{(21)}m_{211}^{(00)}\\
&-m_{101}^{(22)}m_{030}^{(22)}m_{310}^{(10)}+m_{101}^{(22)}m_{030}^{(22)}m_{220}^{(00)}-m_{101}^{(22)}m_{021}^{(00)}m_{220}^{(21)}-m_{101}^{(22)}m_{021}^{(00)}m_{211}^{(11)}\\
&+m_{101}^{(22)}m_{021}^{(00)}m_{130}^{(20)}+m_{101}^{(22)}m_{021}^{(00)}m_{121}^{(10)}+2m_{101}^{(22)}m_{021}^{(10)}m_{310}^{(21)}+m_{101}^{(22)}m_{021}^{(10)}m_{301}^{(11)}\\
&-2m_{101}^{(22)}m_{021}^{(10)}m_{220}^{(20)}-m_{101}^{(22)}m_{021}^{(10)}m_{121}^{(00)}-m_{101}^{(22)}m_{021}^{(11)}m_{400}^{(21)}+m_{101}^{(22)}m_{021}^{(11)}m_{310}^{(20)}\\
&-m_{101}^{(22)}m_{021}^{(11)}m_{301}^{(10)}+m_{101}^{(22)}m_{021}^{(11)}m_{211}^{(00)}+m_{101}^{(22)}m_{021}^{(20)}m_{310}^{(11)}-2m_{101}^{(22)}m_{021}^{(20)}m_{220}^{(10)}\\
&+m_{101}^{(22)}m_{021}^{(20)}m_{130}^{(00)}-m_{101}^{(22)}m_{021}^{(21)}m_{400}^{(11)}+2m_{101}^{(22)}m_{021}^{(21)}m_{310}^{(10)}-m_{101}^{(22)}m_{021}^{(21)}m_{220}^{(00)}\\
&+m_{101}^{(22)}m_{012}^{(00)}m_{220}^{(11)}-m_{101}^{(22)}m_{012}^{(00)}m_{130}^{(10)}-2m_{101}^{(22)}m_{012}^{(10)}m_{310}^{(11)}+2m_{101}^{(22)}m_{012}^{(10)}m_{220}^{(10)}\\
&+m_{101}^{(22)}m_{012}^{(11)}m_{400}^{(11)}-m_{101}^{(22)}m_{012}^{(11)}m_{310}^{(10)}+m_{020}^{(00)}m_{210}^{(10)}m_{013}^{(22)}-m_{020}^{(00)}m_{210}^{(10)}m_{004}^{(21)}\\
&-m_{020}^{(00)}m_{210}^{(20)}m_{022}^{(22)}+m_{020}^{(00)}m_{210}^{(20)}m_{013}^{(21)}-m_{020}^{(00)}m_{210}^{(21)}m_{112}^{(22)}+m_{020}^{(00)}m_{210}^{(21)}m_{103}^{(21)}\\
&+m_{020}^{(00)}m_{210}^{(22)}m_{121}^{(22)}-m_{020}^{(00)}m_{210}^{(22)}m_{112}^{(21)}-m_{020}^{(00)}m_{201}^{(10)}m_{022}^{(22)}+m_{020}^{(00)}m_{201}^{(10)}m_{013}^{(21)}\\
&+m_{020}^{(00)}m_{201}^{(20)}m_{031}^{(22)}-m_{020}^{(00)}m_{201}^{(20)}m_{022}^{(21)}+m_{020}^{(00)}m_{201}^{(21)}m_{121}^{(22)}-m_{020}^{(00)}m_{201}^{(21)}m_{112}^{(21)}\\
&-m_{020}^{(00)}m_{201}^{(22)}m_{130}^{(22)}+m_{020}^{(00)}m_{201}^{(22)}m_{121}^{(21)}-m_{020}^{(00)}m_{120}^{(00)}m_{013}^{(22)}+m_{020}^{(00)}m_{120}^{(00)}m_{004}^{(21)}\\
&+2m_{020}^{(00)}m_{120}^{(20)}m_{112}^{(22)}-2m_{020}^{(00)}m_{120}^{(20)}m_{103}^{(21)}-m_{020}^{(00)}m_{120}^{(22)}m_{211}^{(22)}+m_{020}^{(00)}m_{120}^{(22)}m_{202}^{(21)}\\
&+2m_{020}^{(00)}m_{111}^{(00)}m_{022}^{(22)}-2m_{020}^{(00)}m_{111}^{(00)}m_{013}^{(21)}-m_{020}^{(00)}m_{111}^{(10)}m_{112}^{(22)}+m_{020}^{(00)}m_{111}^{(10)}m_{103}^{(21)}\\
&-m_{020}^{(00)}m_{111}^{(10)}m_{013}^{(20)}+m_{020}^{(00)}m_{111}^{(10)}m_{004}^{(10)}-3m_{020}^{(00)}m_{111}^{(20)}m_{121}^{(22)}+3m_{020}^{(00)}m_{111}^{(20)}m_{112}^{(21)}\\
&+m_{020}^{(00)}m_{111}^{(20)}m_{022}^{(20)}-m_{020}^{(00)}m_{111}^{(20)}m_{013}^{(10)}+m_{020}^{(00)}m_{111}^{(21)}m_{211}^{(22)}-m_{020}^{(00)}m_{111}^{(21)}m_{202}^{(21)}
\end{aligned}
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\begin{aligned}
&+m_{020}^{(00)}m_{111}^{(21)}m_{112}^{(20)} - m_{020}^{(00)}m_{111}^{(21)}m_{103}^{(10)} + m_{020}^{(00)}m_{111}^{(22)}m_{220}^{(22)} - m_{020}^{(00)}m_{111}^{(22)}m_{211}^{(21)}\\
&-m_{020}^{(00)}m_{111}^{(22)}m_{121}^{(20)} + m_{020}^{(00)}m_{111}^{(22)}m_{112}^{(10)} - m_{020}^{(00)}m_{102}^{(00)}m_{031}^{(22)} + m_{020}^{(00)}m_{102}^{(00)}m_{022}^{(21)}\\
&+m_{020}^{(00)}m_{102}^{(10)}m_{121}^{(22)} - m_{020}^{(00)}m_{102}^{(10)}m_{112}^{(21)} + m_{020}^{(00)}m_{102}^{(10)}m_{022}^{(20)} - m_{020}^{(00)}m_{102}^{(10)}m_{013}^{(10)}\\
&+m_{020}^{(00)}m_{102}^{(20)}m_{130}^{(22)} - m_{020}^{(00)}m_{102}^{(20)}m_{121}^{(21)} - m_{020}^{(00)}m_{102}^{(20)}m_{031}^{(20)} + m_{020}^{(00)}m_{102}^{(20)}m_{022}^{(10)}\\
&-m_{020}^{(00)}m_{102}^{(21)}m_{220}^{(22)} + m_{020}^{(00)}m_{102}^{(21)}m_{211}^{(21)} - m_{020}^{(00)}m_{102}^{(21)}m_{121}^{(20)} + m_{020}^{(00)}m_{102}^{(21)}m_{112}^{(10)}\\
&+m_{020}^{(00)}m_{102}^{(22)}m_{130}^{(20)} - m_{020}^{(00)}m_{102}^{(22)}m_{121}^{(10)} + m_{020}^{(00)}m_{021}^{(00)}m_{013}^{(20)} - m_{020}^{(00)}m_{021}^{(00)}m_{004}^{(10)}\\
&-2m_{020}^{(00)}m_{021}^{(20)}m_{112}^{(20)} + 2m_{020}^{(00)}m_{021}^{(20)}m_{103}^{(10)} + m_{020}^{(00)}m_{021}^{(22)}m_{211}^{(20)} - m_{020}^{(00)}m_{021}^{(22)}m_{202}^{(10)}\\
&-2m_{020}^{(00)}m_{012}^{(00)}m_{022}^{(20)} + 2m_{020}^{(00)}m_{012}^{(00)}m_{013}^{(10)} + m_{020}^{(00)}m_{012}^{(10)}m_{112}^{(20)} - m_{020}^{(00)}m_{012}^{(10)}m_{103}^{(10)}\\
&+3m_{020}^{(00)}m_{012}^{(20)}m_{121}^{(20)} - 3m_{020}^{(00)}m_{012}^{(20)}m_{112}^{(10)} - m_{020}^{(00)}m_{012}^{(21)}m_{211}^{(20)} + m_{020}^{(00)}m_{012}^{(21)}m_{202}^{(10)}\\
&-m_{020}^{(00)}m_{012}^{(22)}m_{220}^{(20)} + m_{020}^{(00)}m_{012}^{(22)}m_{211}^{(10)} + m_{020}^{(00)}m_{003}^{(00)}m_{031}^{(20)} - m_{020}^{(00)}m_{003}^{(00)}m_{022}^{(10)}\\
&-m_{020}^{(00)}m_{003}^{(10)}m_{121}^{(20)} + m_{020}^{(00)}m_{003}^{(10)}m_{112}^{(10)} - m_{020}^{(00)}m_{003}^{(20)}m_{130}^{(20)} + m_{020}^{(00)}m_{003}^{(20)}m_{121}^{(10)}\\
&+m_{020}^{(00)}m_{003}^{(21)}m_{220}^{(20)} - m_{020}^{(00)}m_{003}^{(21)}m_{211}^{(10)} - m_{020}^{(10)}m_{300}^{(10)}m_{013}^{(22)} + m_{020}^{(10)}m_{300}^{(10)}m_{004}^{(21)}\\
&+m_{020}^{(10)}m_{300}^{(20)}m_{022}^{(22)} - m_{020}^{(10)}m_{300}^{(20)}m_{013}^{(21)} + m_{020}^{(10)}m_{300}^{(21)}m_{112}^{(22)} - m_{020}^{(10)}m_{300}^{(21)}m_{103}^{(21)}\\
&-m_{020}^{(10)}m_{300}^{(22)}m_{121}^{(22)} + m_{020}^{(10)}m_{300}^{(22)}m_{112}^{(21)} + m_{020}^{(10)}m_{210}^{(00)}m_{013}^{(22)} - m_{020}^{(10)}m_{210}^{(00)}m_{004}^{(21)}\\
&-m_{020}^{(10)}m_{210}^{(10)}m_{103}^{(22)} + m_{020}^{(10)}m_{210}^{(10)}m_{004}^{(20)} - m_{020}^{(10)}m_{210}^{(20)}m_{112}^{(22)} + 2m_{020}^{(10)}m_{210}^{(20)}m_{103}^{(21)}\\
&-m_{020}^{(10)}m_{210}^{(20)}m_{013}^{(20)} + m_{020}^{(10)}m_{210}^{(21)}m_{202}^{(22)} - m_{020}^{(10)}m_{210}^{(21)}m_{103}^{(20)} - m_{020}^{(10)}m_{210}^{(22)}m_{202}^{(21)}\\
&+m_{020}^{(10)}m_{210}^{(22)}m_{112}^{(20)} - m_{020}^{(10)}m_{201}^{(00)}m_{022}^{(22)} + m_{020}^{(10)}m_{201}^{(00)}m_{013}^{(21)} + 3m_{020}^{(10)}m_{201}^{(10)}m_{112}^{(22)}\\
&-2m_{020}^{(10)}m_{201}^{(10)}m_{103}^{(21)} - m_{020}^{(10)}m_{201}^{(10)}m_{004}^{(10)} - m_{020}^{(10)}m_{201}^{(20)}m_{121}^{(22)} + m_{020}^{(10)}m_{201}^{(20)}m_{013}^{(10)}\\
&-3m_{020}^{(10)}m_{201}^{(21)}m_{211}^{(22)} + 2m_{020}^{(10)}m_{201}^{(21)}m_{202}^{(21)} + m_{020}^{(10)}m_{201}^{(21)}m_{103}^{(10)} + 2m_{020}^{(10)}m_{201}^{(22)}m_{220}^{(22)}\\
&-m_{020}^{(10)}m_{201}^{(22)}m_{211}^{(21)} - m_{020}^{(10)}m_{201}^{(22)}m_{112}^{(10)} + m_{020}^{(10)}m_{120}^{(00)}m_{103}^{(22)} - m_{020}^{(10)}m_{120}^{(00)}m_{004}^{(20)}\\
&-2m_{020}^{(10)}m_{120}^{(20)}m_{202}^{(22)} + 2m_{020}^{(10)}m_{120}^{(20)}m_{103}^{(20)} + m_{020}^{(10)}m_{120}^{(22)}m_{301}^{(22)} - m_{020}^{(10)}m_{120}^{(22)}m_{202}^{(20)}\\
&-3m_{020}^{(10)}m_{111}^{(00)}m_{112}^{(22)} + m_{020}^{(10)}m_{111}^{(00)}m_{103}^{(21)} + m_{020}^{(10)}m_{111}^{(00)}m_{013}^{(20)} + m_{020}^{(10)}m_{111}^{(00)}m_{004}^{(10)}\\
&+m_{020}^{(10)}m_{111}^{(10)}m_{202}^{(22)} - m_{020}^{(10)}m_{111}^{(10)}m_{004}^{(00)} + 5m_{020}^{(10)}m_{111}^{(20)}m_{211}^{(22)} - 2m_{020}^{(10)}m_{111}^{(20)}m_{202}^{(21)}\\
&-2m_{020}^{(10)}m_{111}^{(20)}m_{112}^{(20)} - 2m_{020}^{(10)}m_{111}^{(20)}m_{103}^{(10)} + m_{020}^{(10)}m_{111}^{(20)}m_{013}^{(00)} - m_{020}^{(10)}m_{111}^{(21)}m_{301}^{(22)}\\
&+m_{020}^{(10)}m_{111}^{(21)}m_{103}^{(00)} - 2m_{020}^{(10)}m_{111}^{(22)}m_{310}^{(22)} + m_{020}^{(10)}m_{111}^{(22)}m_{301}^{(21)} + m_{020}^{(10)}m_{111}^{(22)}m_{211}^{(20)}\\
&+m_{020}^{(10)}m_{111}^{(22)}m_{202}^{(10)} - m_{020}^{(10)}m_{111}^{(22)}m_{112}^{(00)} + 2m_{020}^{(10)}m_{102}^{(00)}m_{121}^{(22)} - m_{020}^{(10)}m_{102}^{(00)}m_{112}^{(21)}\\
&-m_{020}^{(10)}m_{102}^{(00)}m_{013}^{(10)} - 2m_{020}^{(10)}m_{102}^{(10)}m_{211}^{(22)} + m_{020}^{(10)}m_{102}^{(10)}m_{202}^{(21)} - 2m_{020}^{(10)}m_{102}^{(10)}m_{112}^{(20)}\\
&+2m_{020}^{(10)}m_{102}^{(10)}m_{103}^{(10)} + m_{020}^{(10)}m_{102}^{(10)}m_{013}^{(00)} - 2m_{020}^{(10)}m_{102}^{(20)}m_{220}^{(22)} + m_{020}^{(10)}m_{102}^{(20)}m_{211}^{(21)}\\
&+2m_{020}^{(10)}m_{102}^{(20)}m_{121}^{(20)} - m_{020}^{(10)}m_{102}^{(20)}m_{022}^{(00)} + 2m_{020}^{(10)}m_{102}^{(21)}m_{310}^{(22)} - m_{020}^{(10)}m_{102}^{(21)}m_{301}^{(21)}\\
&+2m_{020}^{(10)}m_{102}^{(21)}m_{211}^{(20)} - 2m_{020}^{(10)}m_{102}^{(21)}m_{202}^{(10)} - m_{020}^{(10)}m_{102}^{(21)}m_{112}^{(00)} - 2m_{020}^{(10)}m_{102}^{(22)}m_{220}^{(20)}\\
&+m_{020}^{(10)}m_{102}^{(22)}m_{211}^{(10)} + m_{020}^{(10)}m_{102}^{(22)}m_{121}^{(00)} - m_{020}^{(10)}m_{021}^{(00)}m_{103}^{(20)} + m_{020}^{(10)}m_{021}^{(00)}m_{004}^{(00)}\\
&+2m_{020}^{(10)}m_{021}^{(20)}m_{202}^{(20)} - 2m_{020}^{(10)}m_{021}^{(20)}m_{103}^{(00)} - m_{020}^{(10)}m_{021}^{(22)}m_{301}^{(20)} + m_{020}^{(10)}m_{021}^{(22)}m_{202}^{(00)}\\
&+3m_{020}^{(10)}m_{012}^{(00)}m_{112}^{(20)} - m_{020}^{(10)}m_{012}^{(00)}m_{103}^{(10)} - 2m_{020}^{(10)}m_{012}^{(00)}m_{013}^{(00)} - m_{020}^{(10)}m_{012}^{(10)}m_{202}^{(20)}\\
&+m_{020}^{(10)}m_{012}^{(10)}m_{103}^{(00)} - 5m_{020}^{(10)}m_{012}^{(20)}m_{211}^{(20)} + 2m_{020}^{(10)}m_{012}^{(20)}m_{202}^{(10)} + 3m_{020}^{(10)}m_{012}^{(20)}m_{112}^{(00)}\\
&+m_{020}^{(10)}m_{012}^{(21)}m_{301}^{(20)} - m_{020}^{(10)}m_{012}^{(21)}m_{202}^{(00)} + 2m_{020}^{(10)}m_{012}^{(22)}m_{310}^{(20)} - m_{020}^{(10)}m_{012}^{(22)}m_{301}^{(10)}\\
&-m_{020}^{(10)}m_{012}^{(22)}m_{211}^{(00)} - 2m_{020}^{(10)}m_{003}^{(00)}m_{121}^{(20)} + m_{020}^{(10)}m_{003}^{(00)}m_{112}^{(10)} + m_{020}^{(10)}m_{003}^{(00)}m_{022}^{(00)}\\
&+2m_{020}^{(10)}m_{003}^{(10)}m_{211}^{(20)} - m_{020}^{(10)}m_{003}^{(10)}m_{202}^{(10)} - m_{020}^{(10)}m_{003}^{(10)}m_{112}^{(00)} + 2m_{020}^{(10)}m_{003}^{(20)}m_{220}^{(20)}\\
&-m_{020}^{(10)}m_{003}^{(20)}m_{211}^{(10)} - m_{020}^{(10)}m_{003}^{(20)}m_{121}^{(00)} - 2m_{020}^{(10)}m_{003}^{(21)}m_{310}^{(20)} + m_{020}^{(10)}m_{003}^{(21)}m_{301}^{(10)}
\end{aligned}
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\begin{aligned}
&+m_{020}^{(10)}m_{003}^{(21)}m_{211}^{(00)}+m_{020}^{(11)}m_{300}^{(10)}m_{103}^{(22)}-m_{020}^{(11)}m_{300}^{(10)}m_{004}^{(20)}-m_{020}^{(11)}m_{300}^{(20)}m_{112}^{(22)}\\
&+m_{020}^{(11)}m_{300}^{(20)}m_{013}^{(20)}-m_{020}^{(11)}m_{300}^{(21)}m_{202}^{(22)}+m_{020}^{(11)}m_{300}^{(21)}m_{103}^{(20)}+m_{020}^{(11)}m_{300}^{(22)}m_{211}^{(22)}\\
&-m_{020}^{(11)}m_{300}^{(22)}m_{112}^{(20)}-m_{020}^{(11)}m_{210}^{(00)}m_{103}^{(22)}+m_{020}^{(11)}m_{210}^{(00)}m_{004}^{(20)}+2m_{020}^{(11)}m_{210}^{(20)}m_{202}^{(22)}\\
&-2m_{020}^{(11)}m_{210}^{(20)}m_{103}^{(20)}-m_{020}^{(11)}m_{210}^{(22)}m_{301}^{(22)}+m_{020}^{(11)}m_{210}^{(22)}m_{202}^{(20)}+m_{020}^{(11)}m_{201}^{(00)}m_{112}^{(22)}\\
&-m_{020}^{(11)}m_{201}^{(00)}m_{013}^{(20)}-2m_{020}^{(11)}m_{201}^{(10)}m_{202}^{(22)}+m_{020}^{(11)}m_{201}^{(10)}m_{103}^{(20)}+m_{020}^{(11)}m_{201}^{(10)}m_{004}^{(00)}\\
&+m_{020}^{(11)}m_{201}^{(20)}m_{112}^{(20)}-m_{020}^{(11)}m_{201}^{(20)}m_{013}^{(00)}+2m_{020}^{(11)}m_{201}^{(21)}m_{301}^{(22)}-m_{020}^{(11)}m_{201}^{(21)}m_{202}^{(20)}\\
&-m_{020}^{(11)}m_{201}^{(21)}m_{103}^{(00)}-m_{020}^{(11)}m_{201}^{(22)}m_{310}^{(22)}+m_{020}^{(11)}m_{201}^{(22)}m_{112}^{(00)}+m_{020}^{(11)}m_{111}^{(00)}m_{202}^{(22)}\\
&-m_{020}^{(11)}m_{111}^{(00)}m_{004}^{(00)}-2m_{020}^{(11)}m_{111}^{(20)}m_{301}^{(22)}+2m_{020}^{(11)}m_{111}^{(20)}m_{103}^{(00)}+m_{020}^{(11)}m_{111}^{(22)}m_{400}^{(22)}\\
&-m_{020}^{(11)}m_{111}^{(22)}m_{202}^{(00)}-m_{020}^{(11)}m_{102}^{(00)}m_{211}^{(22)}+m_{020}^{(11)}m_{102}^{(00)}m_{013}^{(00)}+m_{020}^{(11)}m_{102}^{(10)}m_{301}^{(22)}\\
&+m_{020}^{(11)}m_{102}^{(10)}m_{202}^{(20)}-2m_{020}^{(11)}m_{102}^{(10)}m_{103}^{(00)}+m_{020}^{(11)}m_{102}^{(20)}m_{310}^{(22)}-m_{020}^{(11)}m_{102}^{(20)}m_{211}^{(20)}\\
&-m_{020}^{(11)}m_{102}^{(21)}m_{400}^{(22)}-m_{020}^{(11)}m_{102}^{(21)}m_{301}^{(20)}+2m_{020}^{(11)}m_{102}^{(21)}m_{202}^{(00)}+m_{020}^{(11)}m_{102}^{(22)}m_{310}^{(20)}\\
&-m_{020}^{(11)}m_{102}^{(22)}m_{211}^{(00)}-m_{020}^{(11)}m_{012}^{(00)}m_{202}^{(20)}+m_{020}^{(11)}m_{012}^{(00)}m_{103}^{(00)}+2m_{020}^{(11)}m_{012}^{(20)}m_{301}^{(20)}\\
&-2m_{020}^{(11)}m_{012}^{(20)}m_{202}^{(00)}-m_{020}^{(11)}m_{012}^{(22)}m_{400}^{(20)}+m_{020}^{(11)}m_{012}^{(22)}m_{301}^{(00)}+m_{020}^{(11)}m_{003}^{(00)}m_{211}^{(20)}\\
&-m_{020}^{(11)}m_{003}^{(00)}m_{112}^{(00)}-m_{020}^{(11)}m_{003}^{(10)}m_{301}^{(20)}+m_{020}^{(11)}m_{003}^{(10)}m_{202}^{(00)}-m_{020}^{(11)}m_{003}^{(20)}m_{310}^{(20)}\\
&+m_{020}^{(11)}m_{003}^{(20)}m_{211}^{(00)}+m_{020}^{(11)}m_{003}^{(21)}m_{400}^{(20)}-m_{020}^{(11)}m_{003}^{(21)}m_{301}^{(00)}+m_{020}^{(20)}m_{300}^{(10)}m_{022}^{(22)}\\
&-m_{020}^{(20)}m_{300}^{(10)}m_{013}^{(21)}-m_{020}^{(20)}m_{300}^{(20)}m_{031}^{(22)}+m_{020}^{(20)}m_{300}^{(20)}m_{022}^{(21)}-m_{020}^{(20)}m_{300}^{(21)}m_{121}^{(22)}\\
&+m_{020}^{(20)}m_{300}^{(21)}m_{112}^{(21)}+m_{020}^{(20)}m_{300}^{(22)}m_{130}^{(22)}-m_{020}^{(20)}m_{300}^{(22)}m_{121}^{(21)}-m_{020}^{(20)}m_{210}^{(00)}m_{022}^{(22)}\\
&+m_{020}^{(20)}m_{210}^{(00)}m_{013}^{(21)}-m_{020}^{(20)}m_{210}^{(10)}m_{112}^{(22)}+2m_{020}^{(20)}m_{210}^{(10)}m_{103}^{(21)}-m_{020}^{(20)}m_{210}^{(10)}m_{013}^{(20)}\\
&+3m_{020}^{(20)}m_{210}^{(20)}m_{121}^{(22)}-4m_{020}^{(20)}m_{210}^{(20)}m_{112}^{(21)}+m_{020}^{(20)}m_{210}^{(20)}m_{022}^{(20)}+m_{020}^{(20)}m_{210}^{(21)}m_{211}^{(22)}\\
&-2m_{020}^{(20)}m_{210}^{(21)}m_{202}^{(21)}+m_{020}^{(20)}m_{210}^{(21)}m_{112}^{(20)}-2m_{020}^{(20)}m_{210}^{(22)}m_{220}^{(22)}+3m_{020}^{(20)}m_{210}^{(22)}m_{211}^{(21)}\\
&-m_{020}^{(20)}m_{210}^{(22)}m_{121}^{(20)}+m_{020}^{(20)}m_{201}^{(00)}m_{031}^{(22)}-m_{020}^{(20)}m_{201}^{(00)}m_{022}^{(21)}-m_{020}^{(20)}m_{201}^{(10)}m_{121}^{(22)}\\
&+m_{020}^{(20)}m_{201}^{(10)}m_{013}^{(10)}-m_{020}^{(20)}m_{201}^{(20)}m_{130}^{(22)}+2m_{020}^{(20)}m_{201}^{(20)}m_{121}^{(21)}-m_{020}^{(20)}m_{201}^{(20)}m_{022}^{(10)}\\
&+m_{020}^{(20)}m_{201}^{(21)}m_{220}^{(22)}-m_{020}^{(20)}m_{201}^{(21)}m_{112}^{(10)}-m_{020}^{(20)}m_{201}^{(22)}m_{220}^{(21)}+m_{020}^{(20)}m_{201}^{(22)}m_{121}^{(10)}\\
&+m_{020}^{(20)}m_{120}^{(00)}m_{112}^{(22)}-2m_{020}^{(20)}m_{120}^{(00)}m_{103}^{(21)}+m_{020}^{(20)}m_{120}^{(00)}m_{013}^{(20)}-2m_{020}^{(20)}m_{120}^{(20)}m_{211}^{(22)}\\
&+4m_{020}^{(20)}m_{120}^{(20)}m_{202}^{(21)}-2m_{020}^{(20)}m_{120}^{(20)}m_{112}^{(20)}+m_{020}^{(20)}m_{120}^{(22)}m_{310}^{(22)}-2m_{020}^{(20)}m_{120}^{(22)}m_{301}^{(21)}\\
&+m_{020}^{(20)}m_{120}^{(22)}m_{211}^{(20)}-m_{020}^{(20)}m_{111}^{(00)}m_{121}^{(22)}+3m_{020}^{(20)}m_{111}^{(00)}m_{112}^{(21)}-m_{020}^{(20)}m_{111}^{(00)}m_{022}^{(20)}\\
&-m_{020}^{(20)}m_{111}^{(00)}m_{013}^{(10)}+m_{020}^{(20)}m_{111}^{(10)}m_{211}^{(22)}-2m_{020}^{(20)}m_{111}^{(10)}m_{202}^{(21)}+2m_{020}^{(20)}m_{111}^{(10)}m_{112}^{(20)}\\
&-2m_{020}^{(20)}m_{111}^{(10)}m_{103}^{(10)}+m_{020}^{(20)}m_{111}^{(10)}m_{013}^{(00)}+m_{020}^{(20)}m_{111}^{(20)}m_{220}^{(22)}-4m_{020}^{(20)}m_{111}^{(20)}m_{211}^{(21)}\\
&+4m_{020}^{(20)}m_{111}^{(20)}m_{112}^{(10)}-m_{020}^{(20)}m_{111}^{(20)}m_{022}^{(00)}-m_{020}^{(20)}m_{111}^{(21)}m_{310}^{(22)}+2m_{020}^{(20)}m_{111}^{(21)}m_{301}^{(21)}\\
&-2m_{020}^{(20)}m_{111}^{(21)}m_{211}^{(20)}+2m_{020}^{(20)}m_{111}^{(21)}m_{202}^{(10)}-m_{020}^{(20)}m_{111}^{(21)}m_{112}^{(00)}+m_{020}^{(20)}m_{111}^{(22)}m_{310}^{(21)}\\
&+m_{020}^{(20)}m_{111}^{(22)}m_{220}^{(20)}-3m_{020}^{(20)}m_{111}^{(22)}m_{211}^{(10)}+m_{020}^{(20)}m_{111}^{(22)}m_{121}^{(00)}-m_{020}^{(20)}m_{102}^{(00)}m_{121}^{(21)}\\
&+m_{020}^{(20)}m_{102}^{(00)}m_{022}^{(10)}+m_{020}^{(20)}m_{102}^{(10)}m_{211}^{(21)}-m_{020}^{(20)}m_{102}^{(10)}m_{022}^{(00)}+m_{020}^{(20)}m_{102}^{(20)}m_{220}^{(21)}\\
&-2m_{020}^{(20)}m_{102}^{(20)}m_{121}^{(10)}+m_{020}^{(20)}m_{102}^{(20)}m_{031}^{(00)}-m_{020}^{(20)}m_{102}^{(21)}m_{310}^{(21)}+m_{020}^{(20)}m_{102}^{(21)}m_{121}^{(00)}\\
&+m_{020}^{(20)}m_{102}^{(22)}m_{220}^{(10)}-m_{020}^{(20)}m_{102}^{(22)}m_{130}^{(00)}-m_{020}^{(20)}m_{021}^{(00)}m_{112}^{(20)}+2m_{020}^{(20)}m_{021}^{(00)}m_{103}^{(10)}\\
&-m_{020}^{(20)}m_{021}^{(00)}m_{013}^{(00)}+2m_{020}^{(20)}m_{021}^{(20)}m_{211}^{(20)}-4m_{020}^{(20)}m_{021}^{(20)}m_{202}^{(10)}+2m_{020}^{(20)}m_{021}^{(20)}m_{112}^{(00)}\\
&-m_{020}^{(20)}m_{021}^{(22)}m_{310}^{(20)}+2m_{020}^{(20)}m_{021}^{(22)}m_{301}^{(10)}-m_{020}^{(20)}m_{021}^{(22)}m_{211}^{(00)}+m_{020}^{(20)}m_{012}^{(00)}m_{121}^{(20)}\\
&-3m_{020}^{(20)}m_{012}^{(00)}m_{112}^{(10)}+2m_{020}^{(20)}m_{012}^{(00)}m_{022}^{(00)}-m_{020}^{(20)}m_{012}^{(10)}m_{211}^{(20)}+2m_{020}^{(20)}m_{012}^{(10)}m_{202}^{(10)}\\
&-m_{020}^{(20)}m_{012}^{(10)}m_{112}^{(00)}-m_{020}^{(20)}m_{012}^{(20)}m_{220}^{(20)}+4m_{020}^{(20)}m_{012}^{(20)}m_{211}^{(10)}-3m_{020}^{(20)}m_{012}^{(20)}m_{121}^{(00)}
\end{aligned}
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\begin{aligned}
&+m_{020}^{(20)}m_{012}^{(21)}m_{310}^{(20)} - 2m_{020}^{(20)}m_{012}^{(21)}m_{301}^{(10)} + m_{020}^{(20)}m_{012}^{(21)}m_{211}^{(00)} - m_{020}^{(20)}m_{012}^{(22)}m_{310}^{(10)}\\
&+m_{020}^{(20)}m_{012}^{(22)}m_{220}^{(00)} + m_{020}^{(20)}m_{003}^{(00)}m_{121}^{(10)} - m_{020}^{(20)}m_{003}^{(00)}m_{031}^{(00)} - m_{020}^{(20)}m_{003}^{(10)}m_{211}^{(10)}\\
&+m_{020}^{(20)}m_{003}^{(10)}m_{121}^{(00)} - m_{020}^{(20)}m_{003}^{(20)}m_{220}^{(10)} + m_{020}^{(20)}m_{003}^{(20)}m_{130}^{(00)} + m_{020}^{(20)}m_{003}^{(21)}m_{310}^{(10)}\\
&-m_{020}^{(20)}m_{003}^{(21)}m_{220}^{(00)} - m_{020}^{(21)}m_{300}^{(10)}m_{112}^{(22)} - m_{020}^{(21)}m_{300}^{(10)}m_{103}^{(21)} + 2m_{020}^{(21)}m_{300}^{(10)}m_{013}^{(20)}\\
&+m_{020}^{(21)}m_{300}^{(20)}m_{121}^{(22)} + m_{020}^{(21)}m_{300}^{(20)}m_{112}^{(21)} - 2m_{020}^{(21)}m_{300}^{(20)}m_{022}^{(20)} + m_{020}^{(21)}m_{300}^{(21)}m_{211}^{(22)}\\
&+m_{020}^{(21)}m_{300}^{(21)}m_{202}^{(21)} - 2m_{020}^{(21)}m_{300}^{(21)}m_{112}^{(20)} - m_{020}^{(21)}m_{300}^{(22)}m_{220}^{(22)} - m_{020}^{(21)}m_{300}^{(22)}m_{211}^{(21)}\\
&+2m_{020}^{(21)}m_{300}^{(22)}m_{121}^{(20)} + m_{020}^{(21)}m_{210}^{(00)}m_{112}^{(22)} + m_{020}^{(21)}m_{210}^{(00)}m_{103}^{(21)} - 2m_{020}^{(21)}m_{210}^{(00)}m_{013}^{(20)}\\
&+m_{020}^{(21)}m_{210}^{(10)}m_{202}^{(22)} - m_{020}^{(21)}m_{210}^{(10)}m_{103}^{(20)} - 3m_{020}^{(21)}m_{210}^{(20)}m_{211}^{(22)} - 2m_{020}^{(21)}m_{210}^{(20)}m_{202}^{(21)}\\
&+5m_{020}^{(21)}m_{210}^{(20)}m_{112}^{(20)} - m_{020}^{(21)}m_{210}^{(21)}m_{301}^{(22)} + m_{020}^{(21)}m_{210}^{(21)}m_{202}^{(20)} + 2m_{020}^{(21)}m_{210}^{(22)}m_{310}^{(22)}\\
&+m_{020}^{(21)}m_{210}^{(22)}m_{301}^{(21)} - 3m_{020}^{(21)}m_{210}^{(22)}m_{211}^{(20)} - m_{020}^{(21)}m_{201}^{(00)}m_{121}^{(22)} - m_{020}^{(21)}m_{201}^{(00)}m_{112}^{(21)}\\
&+2m_{020}^{(21)}m_{201}^{(00)}m_{022}^{(20)} + m_{020}^{(21)}m_{201}^{(10)}m_{211}^{(22)} + 2m_{020}^{(21)}m_{201}^{(10)}m_{202}^{(21)} - 2m_{020}^{(21)}m_{201}^{(10)}m_{112}^{(20)}\\
&+m_{020}^{(21)}m_{201}^{(10)}m_{103}^{(10)} - 2m_{020}^{(21)}m_{201}^{(10)}m_{013}^{(00)} + m_{020}^{(21)}m_{201}^{(20)}m_{220}^{(22)} - 2m_{020}^{(21)}m_{201}^{(20)}m_{121}^{(20)}\\
&-m_{020}^{(21)}m_{201}^{(20)}m_{112}^{(10)} + 2m_{020}^{(21)}m_{201}^{(20)}m_{022}^{(00)} - m_{020}^{(21)}m_{201}^{(21)}m_{310}^{(22)} - 2m_{020}^{(21)}m_{201}^{(21)}m_{301}^{(21)}\\
&+2m_{020}^{(21)}m_{201}^{(21)}m_{211}^{(20)} - m_{020}^{(21)}m_{201}^{(21)}m_{202}^{(10)} + 2m_{020}^{(21)}m_{201}^{(21)}m_{112}^{(00)} + m_{020}^{(21)}m_{201}^{(22)}m_{310}^{(21)}\\
&+m_{020}^{(21)}m_{201}^{(22)}m_{211}^{(10)} - 2m_{020}^{(21)}m_{201}^{(22)}m_{121}^{(00)} - m_{020}^{(21)}m_{120}^{(00)}m_{202}^{(22)} + m_{020}^{(21)}m_{120}^{(00)}m_{103}^{(20)}\\
&+2m_{020}^{(21)}m_{120}^{(20)}m_{301}^{(22)} - 2m_{020}^{(21)}m_{120}^{(20)}m_{202}^{(20)} - m_{020}^{(21)}m_{120}^{(22)}m_{400}^{(22)} + m_{020}^{(21)}m_{120}^{(22)}m_{301}^{(20)}\\
&+m_{020}^{(21)}m_{111}^{(00)}m_{211}^{(22)} - m_{020}^{(21)}m_{111}^{(00)}m_{202}^{(21)} - m_{020}^{(21)}m_{111}^{(00)}m_{112}^{(20)} - m_{020}^{(21)}m_{111}^{(00)}m_{103}^{(10)}\\
&+2m_{020}^{(21)}m_{111}^{(00)}m_{013}^{(00)} - m_{020}^{(21)}m_{111}^{(10)}m_{301}^{(22)} + m_{020}^{(21)}m_{111}^{(10)}m_{103}^{(00)} - m_{020}^{(21)}m_{111}^{(20)}m_{310}^{(22)}\\
&+2m_{020}^{(21)}m_{111}^{(20)}m_{301}^{(21)} + 2m_{020}^{(21)}m_{111}^{(20)}m_{211}^{(20)} + 2m_{020}^{(21)}m_{111}^{(20)}m_{202}^{(10)} - 5m_{020}^{(21)}m_{111}^{(20)}m_{112}^{(00)}\\
&+m_{020}^{(21)}m_{111}^{(21)}m_{400}^{(22)} - m_{020}^{(21)}m_{111}^{(21)}m_{202}^{(00)} - m_{020}^{(21)}m_{111}^{(22)}m_{400}^{(21)} - m_{020}^{(21)}m_{111}^{(22)}m_{310}^{(20)}\\
&-m_{020}^{(21)}m_{111}^{(22)}m_{301}^{(10)} + 3m_{020}^{(21)}m_{111}^{(22)}m_{211}^{(00)} + m_{020}^{(21)}m_{102}^{(00)}m_{211}^{(21)} + m_{020}^{(21)}m_{102}^{(00)}m_{112}^{(10)}\\
&-2m_{020}^{(21)}m_{102}^{(00)}m_{022}^{(00)} - m_{020}^{(21)}m_{102}^{(10)}m_{301}^{(21)} - 2m_{020}^{(21)}m_{102}^{(10)}m_{202}^{(10)} + 3m_{020}^{(21)}m_{102}^{(10)}m_{112}^{(00)}\\
&-m_{020}^{(21)}m_{102}^{(20)}m_{310}^{(21)} + m_{020}^{(21)}m_{102}^{(20)}m_{121}^{(00)} + m_{020}^{(21)}m_{102}^{(21)}m_{400}^{(21)} + 2m_{020}^{(21)}m_{102}^{(21)}m_{301}^{(10)}\\
&-3m_{020}^{(21)}m_{102}^{(21)}m_{211}^{(00)} - m_{020}^{(21)}m_{102}^{(22)}m_{310}^{(10)} + m_{020}^{(21)}m_{102}^{(22)}m_{220}^{(00)} + m_{020}^{(21)}m_{021}^{(00)}m_{202}^{(20)}\\
&-m_{020}^{(21)}m_{021}^{(00)}m_{103}^{(00)} - 2m_{020}^{(21)}m_{021}^{(20)}m_{301}^{(20)} + 2m_{020}^{(21)}m_{021}^{(20)}m_{202}^{(00)} + m_{020}^{(21)}m_{021}^{(22)}m_{400}^{(20)}\\
&-m_{020}^{(21)}m_{021}^{(22)}m_{301}^{(00)} - m_{020}^{(21)}m_{012}^{(00)}m_{211}^{(20)} + m_{020}^{(21)}m_{012}^{(00)}m_{202}^{(10)} + m_{020}^{(21)}m_{012}^{(10)}m_{301}^{(20)}\\
&-m_{020}^{(21)}m_{012}^{(10)}m_{202}^{(00)} + m_{020}^{(21)}m_{012}^{(20)}m_{310}^{(20)} - 2m_{020}^{(21)}m_{012}^{(20)}m_{301}^{(10)} + m_{020}^{(21)}m_{012}^{(20)}m_{211}^{(00)}\\
&-m_{020}^{(21)}m_{012}^{(21)}m_{400}^{(20)} + m_{020}^{(21)}m_{012}^{(21)}m_{301}^{(00)} + m_{020}^{(21)}m_{012}^{(22)}m_{400}^{(10)} - m_{020}^{(21)}m_{012}^{(22)}m_{310}^{(00)}\\
&-m_{020}^{(21)}m_{003}^{(00)}m_{211}^{(10)} + m_{020}^{(21)}m_{003}^{(00)}m_{121}^{(00)} + m_{020}^{(21)}m_{003}^{(10)}m_{301}^{(10)} - m_{020}^{(21)}m_{003}^{(10)}m_{211}^{(00)}\\
&+m_{020}^{(21)}m_{003}^{(20)}m_{310}^{(10)} - m_{020}^{(21)}m_{003}^{(20)}m_{220}^{(00)} - m_{020}^{(21)}m_{003}^{(21)}m_{400}^{(10)} + m_{020}^{(21)}m_{003}^{(21)}m_{310}^{(00)}\\
&+m_{020}^{(22)}m_{300}^{(10)}m_{112}^{(21)} - m_{020}^{(22)}m_{300}^{(10)}m_{022}^{(20)} - m_{020}^{(22)}m_{300}^{(20)}m_{121}^{(21)} + m_{020}^{(22)}m_{300}^{(20)}m_{031}^{(20)}\\
&-m_{020}^{(22)}m_{300}^{(21)}m_{211}^{(21)} + m_{020}^{(22)}m_{300}^{(21)}m_{121}^{(20)} + m_{020}^{(22)}m_{300}^{(22)}m_{220}^{(21)} - m_{020}^{(22)}m_{300}^{(22)}m_{130}^{(20)}\\
&-m_{020}^{(22)}m_{210}^{(00)}m_{112}^{(21)} + m_{020}^{(22)}m_{210}^{(00)}m_{022}^{(20)} - m_{020}^{(22)}m_{210}^{(10)}m_{202}^{(21)} + m_{020}^{(22)}m_{210}^{(10)}m_{112}^{(20)}\\
&+3m_{020}^{(22)}m_{210}^{(20)}m_{211}^{(21)} - 3m_{020}^{(22)}m_{210}^{(20)}m_{121}^{(20)} + m_{020}^{(22)}m_{210}^{(21)}m_{301}^{(21)} - m_{020}^{(22)}m_{210}^{(21)}m_{211}^{(20)}\\
&-2m_{020}^{(22)}m_{210}^{(22)}m_{310}^{(21)} + 2m_{020}^{(22)}m_{210}^{(22)}m_{220}^{(20)} + m_{020}^{(22)}m_{201}^{(00)}m_{121}^{(21)} - m_{020}^{(22)}m_{201}^{(00)}m_{031}^{(20)}\\
&-m_{020}^{(22)}m_{201}^{(10)}m_{211}^{(21)} + m_{020}^{(22)}m_{201}^{(10)}m_{121}^{(20)} - m_{020}^{(22)}m_{201}^{(10)}m_{112}^{(10)} + m_{020}^{(22)}m_{201}^{(10)}m_{022}^{(00)}\\
&-m_{020}^{(22)}m_{201}^{(20)}m_{220}^{(21)} + m_{020}^{(22)}m_{201}^{(20)}m_{130}^{(20)} + m_{020}^{(22)}m_{201}^{(20)}m_{121}^{(10)} - m_{020}^{(22)}m_{201}^{(20)}m_{031}^{(00)}\\
&+m_{020}^{(22)}m_{201}^{(21)}m_{310}^{(21)} - m_{020}^{(22)}m_{201}^{(21)}m_{220}^{(20)} + m_{020}^{(22)}m_{201}^{(21)}m_{211}^{(10)} - m_{020}^{(22)}m_{201}^{(21)}m_{121}^{(00)}
\end{aligned}
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\begin{aligned}
&-m_{020}^{(22)}m_{201}^{(22)}m_{220}^{(10)}+m_{020}^{(22)}m_{201}^{(22)}m_{130}^{(00)}+m_{020}^{(22)}m_{120}^{(00)}m_{202}^{(21)}-m_{020}^{(22)}m_{120}^{(00)}m_{112}^{(20)}\\
&-2m_{020}^{(22)}m_{120}^{(20)}m_{301}^{(21)}+2m_{020}^{(22)}m_{120}^{(20)}m_{211}^{(20)}+m_{020}^{(22)}m_{120}^{(22)}m_{400}^{(21)}-m_{020}^{(22)}m_{120}^{(22)}m_{310}^{(20)}\\
&-m_{020}^{(22)}m_{111}^{(00)}m_{211}^{(21)}+m_{020}^{(22)}m_{111}^{(00)}m_{121}^{(20)}+m_{020}^{(22)}m_{111}^{(00)}m_{112}^{(10)}-m_{020}^{(22)}m_{111}^{(00)}m_{022}^{(00)}\\
&+m_{020}^{(22)}m_{111}^{(10)}m_{301}^{(21)}-m_{020}^{(22)}m_{111}^{(10)}m_{211}^{(20)}+m_{020}^{(22)}m_{111}^{(10)}m_{202}^{(10)}-m_{020}^{(22)}m_{111}^{(10)}m_{112}^{(00)}\\
&+m_{020}^{(22)}m_{111}^{(20)}m_{310}^{(21)}-m_{020}^{(22)}m_{111}^{(20)}m_{220}^{(20)}-3m_{020}^{(22)}m_{111}^{(20)}m_{211}^{(10)}+3m_{020}^{(22)}m_{111}^{(20)}m_{121}^{(00)}\\
&-m_{020}^{(22)}m_{111}^{(21)}m_{400}^{(21)}+m_{020}^{(22)}m_{111}^{(21)}m_{310}^{(20)}-m_{020}^{(22)}m_{111}^{(21)}m_{301}^{(10)}+m_{020}^{(22)}m_{111}^{(21)}m_{211}^{(00)}\\
&+2m_{020}^{(22)}m_{111}^{(22)}m_{310}^{(10)}-2m_{020}^{(22)}m_{111}^{(22)}m_{220}^{(00)}-m_{020}^{(22)}m_{102}^{(00)}m_{121}^{(10)}+m_{020}^{(22)}m_{102}^{(00)}m_{031}^{(00)}\\
&+m_{020}^{(22)}m_{102}^{(10)}m_{211}^{(10)}-m_{020}^{(22)}m_{102}^{(10)}m_{121}^{(00)}+m_{020}^{(22)}m_{102}^{(20)}m_{220}^{(10)}-m_{020}^{(22)}m_{102}^{(20)}m_{130}^{(00)}\\
&-m_{020}^{(22)}m_{102}^{(21)}m_{310}^{(10)}+m_{020}^{(22)}m_{102}^{(21)}m_{220}^{(00)}-m_{020}^{(22)}m_{021}^{(00)}m_{202}^{(10)}+m_{020}^{(22)}m_{021}^{(00)}m_{112}^{(00)}\\
&+2m_{020}^{(22)}m_{021}^{(20)}m_{301}^{(10)}-2m_{020}^{(22)}m_{021}^{(20)}m_{211}^{(00)}-m_{020}^{(22)}m_{021}^{(22)}m_{400}^{(10)}+m_{020}^{(22)}m_{021}^{(22)}m_{310}^{(00)}\\
&+m_{020}^{(22)}m_{012}^{(00)}m_{211}^{(10)}-m_{020}^{(22)}m_{012}^{(00)}m_{121}^{(00)}-m_{020}^{(22)}m_{012}^{(10)}m_{301}^{(10)}+m_{020}^{(22)}m_{012}^{(10)}m_{211}^{(00)}\\
&-m_{020}^{(22)}m_{012}^{(20)}m_{310}^{(10)}+m_{020}^{(22)}m_{012}^{(20)}m_{220}^{(00)}+m_{020}^{(22)}m_{012}^{(21)}m_{400}^{(10)}-m_{020}^{(22)}m_{012}^{(21)}m_{310}^{(00)}\\
&-m_{011}^{(00)}m_{210}^{(10)}m_{022}^{(22)}+m_{011}^{(00)}m_{210}^{(10)}m_{004}^{(11)}+m_{011}^{(00)}m_{210}^{(11)}m_{112}^{(22)}-m_{011}^{(00)}m_{210}^{(11)}m_{103}^{(21)}\\
&+m_{011}^{(00)}m_{210}^{(20)}m_{031}^{(22)}-m_{011}^{(00)}m_{210}^{(20)}m_{013}^{(11)}-m_{011}^{(00)}m_{210}^{(21)}m_{121}^{(22)}+2m_{011}^{(00)}m_{210}^{(21)}m_{112}^{(21)}\\
&-m_{011}^{(00)}m_{210}^{(21)}m_{103}^{(11)}-m_{011}^{(00)}m_{210}^{(22)}m_{121}^{(21)}+m_{011}^{(00)}m_{210}^{(22)}m_{112}^{(11)}+m_{011}^{(00)}m_{201}^{(10)}m_{031}^{(22)}\\
&-m_{011}^{(00)}m_{201}^{(10)}m_{013}^{(11)}-m_{011}^{(00)}m_{201}^{(11)}m_{121}^{(22)}+m_{011}^{(00)}m_{201}^{(11)}m_{112}^{(21)}-m_{011}^{(00)}m_{201}^{(20)}m_{040}^{(22)}\\
&+m_{011}^{(00)}m_{201}^{(20)}m_{022}^{(11)}+m_{011}^{(00)}m_{201}^{(21)}m_{130}^{(22)}-2m_{011}^{(00)}m_{201}^{(21)}m_{121}^{(21)}+m_{011}^{(00)}m_{201}^{(21)}m_{112}^{(11)}\\
&+m_{011}^{(00)}m_{201}^{(22)}m_{130}^{(21)}-m_{011}^{(00)}m_{201}^{(22)}m_{121}^{(11)}+m_{011}^{(00)}m_{120}^{(00)}m_{022}^{(22)}-m_{011}^{(00)}m_{120}^{(00)}m_{004}^{(11)}\\
&-m_{011}^{(00)}m_{120}^{(10)}m_{112}^{(22)}+m_{011}^{(00)}m_{120}^{(10)}m_{103}^{(21)}+m_{011}^{(00)}m_{120}^{(10)}m_{013}^{(20)}-m_{011}^{(00)}m_{120}^{(10)}m_{004}^{(10)}\\
&-m_{011}^{(00)}m_{120}^{(20)}m_{121}^{(22)}-m_{011}^{(00)}m_{120}^{(20)}m_{112}^{(21)}+2m_{011}^{(00)}m_{120}^{(20)}m_{103}^{(11)}-m_{011}^{(00)}m_{120}^{(20)}m_{022}^{(20)}\\
&+m_{011}^{(00)}m_{120}^{(20)}m_{013}^{(10)}+m_{011}^{(00)}m_{120}^{(21)}m_{211}^{(22)}-m_{011}^{(00)}m_{120}^{(21)}m_{202}^{(21)}-m_{011}^{(00)}m_{120}^{(21)}m_{112}^{(20)}\\
&+m_{011}^{(00)}m_{120}^{(21)}m_{103}^{(10)}+m_{011}^{(00)}m_{120}^{(22)}m_{211}^{(21)}-m_{011}^{(00)}m_{120}^{(22)}m_{202}^{(11)}+m_{011}^{(00)}m_{120}^{(22)}m_{121}^{(20)}\\
&-m_{011}^{(00)}m_{120}^{(22)}m_{112}^{(10)}-2m_{011}^{(00)}m_{111}^{(00)}m_{031}^{(22)}+2m_{011}^{(00)}m_{111}^{(00)}m_{013}^{(11)}+3m_{011}^{(00)}m_{111}^{(10)}m_{121}^{(22)}\\
&-2m_{011}^{(00)}m_{111}^{(10)}m_{112}^{(21)}-m_{011}^{(00)}m_{111}^{(10)}m_{103}^{(11)}-m_{011}^{(00)}m_{111}^{(11)}m_{211}^{(22)}+m_{011}^{(00)}m_{111}^{(11)}m_{202}^{(21)}\\
&-m_{011}^{(00)}m_{111}^{(11)}m_{112}^{(20)}+m_{011}^{(00)}m_{111}^{(11)}m_{103}^{(10)}+m_{011}^{(00)}m_{111}^{(20)}m_{130}^{(22)}+2m_{011}^{(00)}m_{111}^{(20)}m_{121}^{(21)}\\
&-3m_{011}^{(00)}m_{111}^{(20)}m_{112}^{(11)}-m_{011}^{(00)}m_{111}^{(21)}m_{220}^{(22)}+m_{011}^{(00)}m_{111}^{(21)}m_{202}^{(11)}+2m_{011}^{(00)}m_{111}^{(21)}m_{121}^{(20)}\\
&-2m_{011}^{(00)}m_{111}^{(21)}m_{112}^{(10)}-m_{011}^{(00)}m_{111}^{(22)}m_{220}^{(21)}+m_{011}^{(00)}m_{111}^{(22)}m_{211}^{(11)}-m_{011}^{(00)}m_{111}^{(22)}m_{130}^{(20)}\\
&+m_{011}^{(00)}m_{111}^{(22)}m_{121}^{(10)}+m_{011}^{(00)}m_{102}^{(00)}m_{040}^{(22)}-m_{011}^{(00)}m_{102}^{(00)}m_{022}^{(11)}-2m_{011}^{(00)}m_{102}^{(10)}m_{130}^{(22)}\\
&+m_{011}^{(00)}m_{102}^{(10)}m_{121}^{(21)}+m_{011}^{(00)}m_{102}^{(10)}m_{112}^{(11)}-m_{011}^{(00)}m_{102}^{(10)}m_{031}^{(20)}+m_{011}^{(00)}m_{102}^{(10)}m_{022}^{(10)}\\
&+m_{011}^{(00)}m_{102}^{(11)}m_{220}^{(22)}-m_{011}^{(00)}m_{102}^{(11)}m_{211}^{(21)}+m_{011}^{(00)}m_{102}^{(11)}m_{121}^{(20)}-m_{011}^{(00)}m_{102}^{(11)}m_{112}^{(10)}\\
&-m_{011}^{(00)}m_{102}^{(20)}m_{130}^{(21)}+m_{011}^{(00)}m_{102}^{(20)}m_{121}^{(11)}+m_{011}^{(00)}m_{102}^{(20)}m_{040}^{(20)}-m_{011}^{(00)}m_{102}^{(20)}m_{031}^{(10)}\\
&+m_{011}^{(00)}m_{102}^{(21)}m_{220}^{(21)}-m_{011}^{(00)}m_{102}^{(21)}m_{211}^{(11)}-m_{011}^{(00)}m_{102}^{(21)}m_{130}^{(20)}+m_{011}^{(00)}m_{102}^{(21)}m_{121}^{(10)}\\
&-m_{011}^{(00)}m_{030}^{(00)}m_{013}^{(20)}+m_{011}^{(00)}m_{030}^{(00)}m_{004}^{(10)}+2m_{011}^{(00)}m_{030}^{(20)}m_{112}^{(20)}-2m_{011}^{(00)}m_{030}^{(20)}m_{103}^{(10)}\\
&-m_{011}^{(00)}m_{030}^{(22)}m_{211}^{(20)}+m_{011}^{(00)}m_{030}^{(22)}m_{202}^{(10)}+m_{011}^{(00)}m_{021}^{(00)}m_{022}^{(20)}-m_{011}^{(00)}m_{021}^{(00)}m_{013}^{(10)}\\
&-2m_{011}^{(00)}m_{021}^{(20)}m_{121}^{(20)}+2m_{011}^{(00)}m_{021}^{(20)}m_{112}^{(10)}+m_{011}^{(00)}m_{021}^{(22)}m_{220}^{(20)}-m_{011}^{(00)}m_{021}^{(22)}m_{211}^{(10)}\\
&+m_{011}^{(00)}m_{012}^{(00)}m_{031}^{(20)}-m_{011}^{(00)}m_{012}^{(00)}m_{022}^{(10)}-2m_{011}^{(00)}m_{012}^{(10)}m_{121}^{(20)}+2m_{011}^{(00)}m_{012}^{(10)}m_{112}^{(10)}\\
&+m_{011}^{(00)}m_{012}^{(11)}m_{211}^{(20)}-m_{011}^{(00)}m_{012}^{(11)}m_{202}^{(10)}-m_{011}^{(00)}m_{003}^{(00)}m_{040}^{(20)}+m_{011}^{(00)}m_{003}^{(00)}m_{031}^{(10)}\\
&+2m_{011}^{(00)}m_{003}^{(10)}m_{130}^{(20)}-2m_{011}^{(00)}m_{003}^{(10)}m_{121}^{(10)}-m_{011}^{(00)}m_{003}^{(11)}m_{220}^{(20)}+m_{011}^{(00)}m_{003}^{(11)}m_{211}^{(10)}
\end{aligned}
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\begin{aligned}
&+m_{011}^{(10)}m_{300}^{(10)}m_{022}^{(22)} - m_{011}^{(10)}m_{300}^{(10)}m_{004}^{(11)} - m_{011}^{(10)}m_{300}^{(11)}m_{112}^{(22)} + m_{011}^{(10)}m_{300}^{(11)}m_{103}^{(21)}\\
&-m_{011}^{(10)}m_{300}^{(20)}m_{031}^{(22)} + m_{011}^{(10)}m_{300}^{(20)}m_{013}^{(11)} + m_{011}^{(10)}m_{300}^{(21)}m_{121}^{(22)} - 2m_{011}^{(10)}m_{300}^{(21)}m_{112}^{(21)}\\
&+m_{011}^{(10)}m_{300}^{(21)}m_{103}^{(11)} + m_{011}^{(10)}m_{300}^{(22)}m_{121}^{(21)} - m_{011}^{(10)}m_{300}^{(22)}m_{112}^{(11)} - m_{011}^{(10)}m_{210}^{(00)}m_{022}^{(22)}\\
&+m_{011}^{(10)}m_{210}^{(00)}m_{004}^{(11)} + 2m_{011}^{(10)}m_{210}^{(10)}m_{112}^{(22)} - 2m_{011}^{(10)}m_{210}^{(10)}m_{013}^{(20)} - m_{011}^{(10)}m_{210}^{(11)}m_{202}^{(22)}\\
&+m_{011}^{(10)}m_{210}^{(11)}m_{103}^{(20)} - 2m_{011}^{(10)}m_{210}^{(20)}m_{103}^{(11)} + 2m_{011}^{(10)}m_{210}^{(20)}m_{022}^{(20)} + m_{011}^{(10)}m_{210}^{(22)}m_{202}^{(11)}\\
&-m_{011}^{(10)}m_{210}^{(22)}m_{121}^{(20)} + m_{011}^{(10)}m_{201}^{(00)}m_{031}^{(22)} - m_{011}^{(10)}m_{201}^{(00)}m_{013}^{(11)} - 4m_{011}^{(10)}m_{201}^{(10)}m_{121}^{(22)}\\
&+2m_{011}^{(10)}m_{201}^{(10)}m_{103}^{(11)} + 2m_{011}^{(10)}m_{201}^{(10)}m_{013}^{(10)} + 3m_{011}^{(10)}m_{201}^{(11)}m_{211}^{(22)} - 2m_{011}^{(10)}m_{201}^{(11)}m_{202}^{(21)}\\
&-m_{011}^{(10)}m_{201}^{(11)}m_{103}^{(10)} + 2m_{011}^{(10)}m_{201}^{(20)}m_{130}^{(22)} - 2m_{011}^{(10)}m_{201}^{(20)}m_{022}^{(10)} - 2m_{011}^{(10)}m_{201}^{(21)}m_{220}^{(22)}\\
&+4m_{011}^{(10)}m_{201}^{(21)}m_{211}^{(21)} - 2m_{011}^{(10)}m_{201}^{(21)}m_{202}^{(11)} - 2m_{011}^{(10)}m_{201}^{(22)}m_{220}^{(21)} + m_{011}^{(10)}m_{201}^{(22)}m_{211}^{(11)}\\
&+m_{011}^{(10)}m_{201}^{(22)}m_{121}^{(10)} - m_{011}^{(10)}m_{120}^{(00)}m_{112}^{(22)} - m_{011}^{(10)}m_{120}^{(00)}m_{103}^{(21)} + 2m_{011}^{(10)}m_{120}^{(00)}m_{013}^{(20)}\\
&+m_{011}^{(10)}m_{120}^{(10)}m_{202}^{(22)} - 2m_{011}^{(10)}m_{120}^{(10)}m_{103}^{(20)} + m_{011}^{(10)}m_{120}^{(10)}m_{004}^{(00)} + m_{011}^{(10)}m_{120}^{(20)}m_{211}^{(22)}\\
&+2m_{011}^{(10)}m_{120}^{(20)}m_{202}^{(21)} - 2m_{011}^{(10)}m_{120}^{(20)}m_{112}^{(20)} - m_{011}^{(10)}m_{120}^{(20)}m_{013}^{(00)} - m_{011}^{(10)}m_{120}^{(21)}m_{301}^{(22)}\\
&+2m_{011}^{(10)}m_{120}^{(21)}m_{202}^{(20)} - m_{011}^{(10)}m_{120}^{(21)}m_{103}^{(00)} - m_{011}^{(10)}m_{120}^{(22)}m_{301}^{(21)} + m_{011}^{(10)}m_{120}^{(22)}m_{112}^{(00)}\\
&+3m_{011}^{(10)}m_{111}^{(00)}m_{121}^{(22)} + 2m_{011}^{(10)}m_{111}^{(00)}m_{112}^{(21)} - m_{011}^{(10)}m_{111}^{(00)}m_{103}^{(11)} - 2m_{011}^{(10)}m_{111}^{(00)}m_{022}^{(20)}\\
&-2m_{011}^{(10)}m_{111}^{(00)}m_{013}^{(10)} - 4m_{011}^{(10)}m_{111}^{(10)}m_{211}^{(22)} + 4m_{011}^{(10)}m_{111}^{(10)}m_{112}^{(20)} + m_{011}^{(10)}m_{111}^{(11)}m_{301}^{(22)}\\
&-m_{011}^{(10)}m_{111}^{(11)}m_{103}^{(00)} - 2m_{011}^{(10)}m_{111}^{(20)}m_{220}^{(22)} - 4m_{011}^{(10)}m_{111}^{(20)}m_{211}^{(21)} + 2m_{011}^{(10)}m_{111}^{(20)}m_{202}^{(11)}\\
&+4m_{011}^{(10)}m_{111}^{(20)}m_{112}^{(10)} + 2m_{011}^{(10)}m_{111}^{(21)}m_{310}^{(22)} - 4m_{011}^{(10)}m_{111}^{(21)}m_{211}^{(20)} + 2m_{011}^{(10)}m_{111}^{(21)}m_{112}^{(00)}\\
&+2m_{011}^{(10)}m_{111}^{(22)}m_{310}^{(21)} - m_{011}^{(10)}m_{111}^{(22)}m_{301}^{(11)} + 2m_{011}^{(10)}m_{111}^{(22)}m_{220}^{(20)} - 2m_{011}^{(10)}m_{111}^{(22)}m_{211}^{(10)}\\
&-m_{011}^{(10)}m_{111}^{(22)}m_{121}^{(00)} - 2m_{011}^{(10)}m_{102}^{(00)}m_{130}^{(22)} - m_{011}^{(10)}m_{102}^{(00)}m_{121}^{(21)} + m_{011}^{(10)}m_{102}^{(00)}m_{112}^{(11)}\\
&+2m_{011}^{(10)}m_{102}^{(00)}m_{022}^{(10)} + 4m_{011}^{(10)}m_{102}^{(10)}m_{220}^{(22)} - m_{011}^{(10)}m_{102}^{(10)}m_{202}^{(11)} + 2m_{011}^{(10)}m_{102}^{(10)}m_{121}^{(20)}\\
&-4m_{011}^{(10)}m_{102}^{(10)}m_{112}^{(10)} - m_{011}^{(10)}m_{102}^{(10)}m_{022}^{(00)} - 2m_{011}^{(10)}m_{102}^{(11)}m_{310}^{(22)} + m_{011}^{(10)}m_{102}^{(11)}m_{301}^{(21)}\\
&-2m_{011}^{(10)}m_{102}^{(11)}m_{211}^{(20)} + 2m_{011}^{(10)}m_{102}^{(11)}m_{202}^{(10)} + m_{011}^{(10)}m_{102}^{(11)}m_{112}^{(00)} + 2m_{011}^{(10)}m_{102}^{(20)}m_{220}^{(21)}\\
&-m_{011}^{(10)}m_{102}^{(20)}m_{211}^{(11)} - 2m_{011}^{(10)}m_{102}^{(20)}m_{130}^{(20)} + m_{011}^{(10)}m_{102}^{(20)}m_{031}^{(00)} - 2m_{011}^{(10)}m_{102}^{(21)}m_{310}^{(21)}\\
&+m_{011}^{(10)}m_{102}^{(21)}m_{301}^{(11)} + 2m_{011}^{(10)}m_{102}^{(21)}m_{220}^{(20)} - m_{011}^{(10)}m_{102}^{(21)}m_{121}^{(00)} + m_{011}^{(10)}m_{030}^{(00)}m_{103}^{(20)}\\
&-m_{011}^{(10)}m_{030}^{(00)}m_{004}^{(00)} - 2m_{011}^{(10)}m_{030}^{(20)}m_{202}^{(20)} + 2m_{011}^{(10)}m_{030}^{(20)}m_{103}^{(00)} + m_{011}^{(10)}m_{030}^{(22)}m_{301}^{(20)}\\
&-m_{011}^{(10)}m_{030}^{(22)}m_{202}^{(00)} - 2m_{011}^{(10)}m_{021}^{(00)}m_{112}^{(20)} + m_{011}^{(10)}m_{021}^{(00)}m_{103}^{(10)} + m_{011}^{(10)}m_{021}^{(00)}m_{013}^{(00)}\\
&+4m_{011}^{(10)}m_{021}^{(20)}m_{211}^{(20)} - 2m_{011}^{(10)}m_{021}^{(20)}m_{202}^{(10)} - 2m_{011}^{(10)}m_{021}^{(20)}m_{112}^{(00)} - 2m_{011}^{(10)}m_{021}^{(22)}m_{310}^{(20)}\\
&+m_{011}^{(10)}m_{021}^{(22)}m_{301}^{(10)} + m_{011}^{(10)}m_{021}^{(22)}m_{211}^{(00)} - m_{011}^{(10)}m_{012}^{(00)}m_{121}^{(20)} + m_{011}^{(10)}m_{012}^{(00)}m_{022}^{(00)}\\
&+2m_{011}^{(10)}m_{012}^{(10)}m_{211}^{(20)} - 2m_{011}^{(10)}m_{012}^{(10)}m_{112}^{(00)} - m_{011}^{(10)}m_{012}^{(11)}m_{301}^{(20)} + m_{011}^{(10)}m_{012}^{(11)}m_{202}^{(00)}\\
&+2m_{011}^{(10)}m_{003}^{(00)}m_{130}^{(20)} - m_{011}^{(10)}m_{003}^{(00)}m_{121}^{(10)} - m_{011}^{(10)}m_{003}^{(00)}m_{031}^{(00)} - 4m_{011}^{(10)}m_{003}^{(10)}m_{220}^{(20)}\\
&+2m_{011}^{(10)}m_{003}^{(10)}m_{211}^{(10)} + 2m_{011}^{(10)}m_{003}^{(10)}m_{121}^{(00)} + 2m_{011}^{(10)}m_{003}^{(11)}m_{310}^{(20)} - m_{011}^{(10)}m_{003}^{(11)}m_{301}^{(10)}\\
&-m_{011}^{(10)}m_{003}^{(11)}m_{211}^{(00)} - m_{011}^{(11)}m_{300}^{(10)}m_{112}^{(22)} - m_{011}^{(11)}m_{300}^{(10)}m_{103}^{(21)} + m_{011}^{(11)}m_{300}^{(10)}m_{013}^{(20)}\\
&+m_{011}^{(11)}m_{300}^{(10)}m_{004}^{(10)} + m_{011}^{(11)}m_{300}^{(11)}m_{202}^{(22)} - m_{011}^{(11)}m_{300}^{(11)}m_{103}^{(20)} + m_{011}^{(11)}m_{300}^{(20)}m_{121}^{(22)}\\
&+m_{011}^{(11)}m_{300}^{(20)}m_{112}^{(21)} - m_{011}^{(11)}m_{300}^{(20)}m_{022}^{(20)} - m_{011}^{(11)}m_{300}^{(20)}m_{013}^{(10)} - m_{011}^{(11)}m_{300}^{(21)}m_{211}^{(22)}\\
&+m_{011}^{(11)}m_{300}^{(21)}m_{202}^{(21)} + m_{011}^{(11)}m_{300}^{(21)}m_{112}^{(20)} - m_{011}^{(11)}m_{300}^{(21)}m_{103}^{(10)} - m_{011}^{(11)}m_{300}^{(22)}m_{211}^{(21)}\\
&+m_{011}^{(11)}m_{300}^{(22)}m_{112}^{(10)} + m_{011}^{(11)}m_{210}^{(00)}m_{112}^{(22)} + m_{011}^{(11)}m_{210}^{(00)}m_{103}^{(21)} - m_{011}^{(11)}m_{210}^{(00)}m_{013}^{(20)}\\
&-m_{011}^{(11)}m_{210}^{(00)}m_{004}^{(10)} - m_{011}^{(11)}m_{210}^{(10)}m_{202}^{(22)} + 2m_{011}^{(11)}m_{210}^{(10)}m_{103}^{(20)} - m_{011}^{(11)}m_{210}^{(10)}m_{004}^{(00)}\\
&-m_{011}^{(11)}m_{210}^{(20)}m_{211}^{(22)} - 2m_{011}^{(11)}m_{210}^{(20)}m_{202}^{(21)} + 2m_{011}^{(11)}m_{210}^{(20)}m_{103}^{(10)} + m_{011}^{(11)}m_{210}^{(20)}m_{013}^{(00)}
\end{aligned}
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\begin{aligned}
&+m_{011}^{(11)}m_{210}^{(21)}m_{301}^{(22)} - 2m_{011}^{(11)}m_{210}^{(21)}m_{202}^{(20)} + m_{011}^{(11)}m_{210}^{(21)}m_{103}^{(00)} + m_{011}^{(11)}m_{210}^{(22)}m_{301}^{(21)}\\
&+m_{011}^{(11)}m_{210}^{(22)}m_{211}^{(20)} - m_{011}^{(11)}m_{210}^{(22)}m_{202}^{(10)} - m_{011}^{(11)}m_{210}^{(22)}m_{112}^{(00)} - m_{011}^{(11)}m_{201}^{(00)}m_{121}^{(22)}\\
&-m_{011}^{(11)}m_{201}^{(00)}m_{112}^{(21)} + m_{011}^{(11)}m_{201}^{(00)}m_{022}^{(20)} + m_{011}^{(11)}m_{201}^{(00)}m_{013}^{(10)} + 3m_{011}^{(11)}m_{201}^{(10)}m_{211}^{(22)}\\
&+2m_{011}^{(11)}m_{201}^{(10)}m_{202}^{(21)} - 2m_{011}^{(11)}m_{201}^{(10)}m_{112}^{(20)} - 2m_{011}^{(11)}m_{201}^{(10)}m_{103}^{(10)} - m_{011}^{(11)}m_{201}^{(10)}m_{013}^{(00)}\\
&-2m_{011}^{(11)}m_{201}^{(11)}m_{301}^{(22)} + m_{011}^{(11)}m_{201}^{(11)}m_{202}^{(20)} + m_{011}^{(11)}m_{201}^{(11)}m_{103}^{(00)} - m_{011}^{(11)}m_{201}^{(20)}m_{220}^{(22)}\\
&+m_{011}^{(11)}m_{201}^{(20)}m_{022}^{(00)} + m_{011}^{(11)}m_{201}^{(21)}m_{310}^{(22)} - 2m_{011}^{(11)}m_{201}^{(21)}m_{301}^{(21)} + 2m_{011}^{(11)}m_{201}^{(21)}m_{202}^{(10)}\\
&-m_{011}^{(11)}m_{201}^{(21)}m_{112}^{(00)} + m_{011}^{(11)}m_{201}^{(22)}m_{310}^{(21)} - m_{011}^{(11)}m_{201}^{(22)}m_{211}^{(10)} - m_{011}^{(11)}m_{120}^{(00)}m_{103}^{(20)}\\
&+m_{011}^{(11)}m_{120}^{(00)}m_{004}^{(00)} + 2m_{011}^{(11)}m_{120}^{(20)}m_{202}^{(20)} - 2m_{011}^{(11)}m_{120}^{(20)}m_{103}^{(00)} - m_{011}^{(11)}m_{120}^{(22)}m_{301}^{(20)}\\
&+m_{011}^{(11)}m_{120}^{(22)}m_{202}^{(00)} - m_{011}^{(11)}m_{111}^{(00)}m_{211}^{(22)} - m_{011}^{(11)}m_{111}^{(00)}m_{202}^{(21)} + m_{011}^{(11)}m_{111}^{(00)}m_{112}^{(20)}\\
&+m_{011}^{(11)}m_{111}^{(00)}m_{103}^{(10)} + m_{011}^{(11)}m_{111}^{(10)}m_{301}^{(22)} - 2m_{011}^{(11)}m_{111}^{(10)}m_{202}^{(20)} + m_{011}^{(11)}m_{111}^{(10)}m_{103}^{(00)}\\
&+m_{011}^{(11)}m_{111}^{(20)}m_{310}^{(22)} + 2m_{011}^{(11)}m_{111}^{(20)}m_{301}^{(21)} - 2m_{011}^{(11)}m_{111}^{(20)}m_{202}^{(10)} - m_{011}^{(11)}m_{111}^{(20)}m_{112}^{(00)}\\
&-m_{011}^{(11)}m_{111}^{(21)}m_{400}^{(22)} + 2m_{011}^{(11)}m_{111}^{(21)}m_{301}^{(20)} - m_{011}^{(11)}m_{111}^{(21)}m_{202}^{(00)} - m_{011}^{(11)}m_{111}^{(22)}m_{400}^{(21)}\\
&-m_{011}^{(11)}m_{111}^{(22)}m_{310}^{(20)} + m_{011}^{(11)}m_{111}^{(22)}m_{301}^{(10)} + m_{011}^{(11)}m_{111}^{(22)}m_{211}^{(00)} + m_{011}^{(11)}m_{102}^{(00)}m_{220}^{(22)}\\
&+m_{011}^{(11)}m_{102}^{(00)}m_{211}^{(21)} - m_{011}^{(11)}m_{102}^{(00)}m_{112}^{(10)} - m_{011}^{(11)}m_{102}^{(00)}m_{022}^{(00)} - 2m_{011}^{(11)}m_{102}^{(10)}m_{310}^{(22)}\\
&-m_{011}^{(11)}m_{102}^{(10)}m_{301}^{(21)} - m_{011}^{(11)}m_{102}^{(10)}m_{211}^{(20)} + m_{011}^{(11)}m_{102}^{(10)}m_{202}^{(10)} + 3m_{011}^{(11)}m_{102}^{(10)}m_{112}^{(00)}\\
&+m_{011}^{(11)}m_{102}^{(11)}m_{400}^{(22)} + m_{011}^{(11)}m_{102}^{(11)}m_{301}^{(20)} - 2m_{011}^{(11)}m_{102}^{(11)}m_{202}^{(00)} - m_{011}^{(11)}m_{102}^{(20)}m_{310}^{(21)}\\
&+m_{011}^{(11)}m_{102}^{(20)}m_{220}^{(20)} + m_{011}^{(11)}m_{102}^{(20)}m_{211}^{(10)} - m_{011}^{(11)}m_{102}^{(20)}m_{121}^{(00)} + m_{011}^{(11)}m_{102}^{(21)}m_{400}^{(21)}\\
&-m_{011}^{(11)}m_{102}^{(21)}m_{310}^{(20)} - m_{011}^{(11)}m_{102}^{(21)}m_{301}^{(10)} + m_{011}^{(11)}m_{102}^{(21)}m_{211}^{(00)} + m_{011}^{(11)}m_{021}^{(00)}m_{202}^{(20)}\\
&-m_{011}^{(11)}m_{021}^{(00)}m_{103}^{(00)} - 2m_{011}^{(11)}m_{021}^{(20)}m_{301}^{(20)} + 2m_{011}^{(11)}m_{021}^{(20)}m_{202}^{(00)} + m_{011}^{(11)}m_{021}^{(22)}m_{400}^{(20)}\\
&-m_{011}^{(11)}m_{021}^{(22)}m_{301}^{(00)} - m_{011}^{(11)}m_{003}^{(00)}m_{220}^{(20)} + m_{011}^{(11)}m_{003}^{(00)}m_{121}^{(00)} + 2m_{011}^{(11)}m_{003}^{(10)}m_{310}^{(20)}\\
&-2m_{011}^{(11)}m_{003}^{(10)}m_{211}^{(00)} - m_{011}^{(11)}m_{003}^{(11)}m_{400}^{(20)} + m_{011}^{(11)}m_{003}^{(11)}m_{301}^{(00)} - m_{011}^{(20)}m_{300}^{(10)}m_{031}^{(22)}\\
&+m_{011}^{(20)}m_{300}^{(10)}m_{013}^{(11)} + m_{011}^{(20)}m_{300}^{(11)}m_{121}^{(22)} - m_{011}^{(20)}m_{300}^{(11)}m_{112}^{(21)} + m_{011}^{(20)}m_{300}^{(20)}m_{040}^{(22)}\\
&-m_{011}^{(20)}m_{300}^{(20)}m_{022}^{(11)} - m_{011}^{(20)}m_{300}^{(21)}m_{130}^{(22)} + 2m_{011}^{(20)}m_{300}^{(21)}m_{121}^{(21)} - m_{011}^{(20)}m_{300}^{(21)}m_{112}^{(11)}\\
&-m_{011}^{(20)}m_{300}^{(22)}m_{130}^{(21)} + m_{011}^{(20)}m_{300}^{(22)}m_{121}^{(11)} + m_{011}^{(20)}m_{210}^{(00)}m_{031}^{(22)} - m_{011}^{(20)}m_{210}^{(00)}m_{013}^{(11)}\\
&-2m_{011}^{(20)}m_{210}^{(10)}m_{103}^{(11)} + 2m_{011}^{(20)}m_{210}^{(10)}m_{022}^{(20)} - m_{011}^{(20)}m_{210}^{(11)}m_{211}^{(22)} + 2m_{011}^{(20)}m_{210}^{(11)}m_{202}^{(21)}\\
&-m_{011}^{(20)}m_{210}^{(11)}m_{112}^{(20)} - 2m_{011}^{(20)}m_{210}^{(20)}m_{130}^{(22)} + 4m_{011}^{(20)}m_{210}^{(20)}m_{112}^{(11)} - 2m_{011}^{(20)}m_{210}^{(20)}m_{031}^{(20)}\\
&+2m_{011}^{(20)}m_{210}^{(21)}m_{220}^{(22)} - 4m_{011}^{(20)}m_{210}^{(21)}m_{211}^{(21)} + 2m_{011}^{(20)}m_{210}^{(21)}m_{202}^{(11)} + 2m_{011}^{(20)}m_{210}^{(22)}m_{220}^{(21)}\\
&-3m_{011}^{(20)}m_{210}^{(22)}m_{211}^{(11)} + m_{011}^{(20)}m_{210}^{(22)}m_{130}^{(20)} - m_{011}^{(20)}m_{201}^{(00)}m_{040}^{(22)} + m_{011}^{(20)}m_{201}^{(00)}m_{022}^{(11)}\\
&+2m_{011}^{(20)}m_{201}^{(10)}m_{130}^{(22)} - 2m_{011}^{(20)}m_{201}^{(10)}m_{022}^{(10)} - m_{011}^{(20)}m_{201}^{(11)}m_{220}^{(22)} + m_{011}^{(20)}m_{201}^{(11)}m_{112}^{(10)}\\
&-2m_{011}^{(20)}m_{201}^{(20)}m_{121}^{(11)} + 2m_{011}^{(20)}m_{201}^{(20)}m_{031}^{(10)} + m_{011}^{(20)}m_{201}^{(22)}m_{220}^{(11)} - m_{011}^{(20)}m_{201}^{(22)}m_{130}^{(10)}\\
&-m_{011}^{(20)}m_{120}^{(00)}m_{121}^{(22)} + m_{011}^{(20)}m_{120}^{(00)}m_{112}^{(21)} + 2m_{011}^{(20)}m_{120}^{(00)}m_{103}^{(11)} - 2m_{011}^{(20)}m_{120}^{(00)}m_{022}^{(20)}\\
&+m_{011}^{(20)}m_{120}^{(10)}m_{211}^{(22)} - 2m_{011}^{(20)}m_{120}^{(10)}m_{202}^{(21)} + 2m_{011}^{(20)}m_{120}^{(10)}m_{103}^{(10)} - m_{011}^{(20)}m_{120}^{(10)}m_{013}^{(00)}\\
&+m_{011}^{(20)}m_{120}^{(20)}m_{220}^{(22)} - 4m_{011}^{(20)}m_{120}^{(20)}m_{202}^{(11)} + 4m_{011}^{(20)}m_{120}^{(20)}m_{121}^{(20)} - 2m_{011}^{(20)}m_{120}^{(20)}m_{112}^{(10)}\\
&+m_{011}^{(20)}m_{120}^{(20)}m_{022}^{(00)} - m_{011}^{(20)}m_{120}^{(21)}m_{310}^{(22)} + 2m_{011}^{(20)}m_{120}^{(21)}m_{301}^{(21)} - 2m_{011}^{(20)}m_{120}^{(21)}m_{202}^{(10)}\\
&+m_{011}^{(20)}m_{120}^{(21)}m_{112}^{(00)} - m_{011}^{(20)}m_{120}^{(22)}m_{310}^{(21)} + 2m_{011}^{(20)}m_{120}^{(22)}m_{301}^{(11)} - 2m_{011}^{(20)}m_{120}^{(22)}m_{220}^{(20)}\\
&+2m_{011}^{(20)}m_{120}^{(22)}m_{211}^{(10)} - m_{011}^{(20)}m_{120}^{(22)}m_{121}^{(00)} + m_{011}^{(20)}m_{111}^{(00)}m_{130}^{(22)} - 2m_{011}^{(20)}m_{111}^{(00)}m_{121}^{(21)}\\
&-3m_{011}^{(20)}m_{111}^{(00)}m_{112}^{(11)} + 2m_{011}^{(20)}m_{111}^{(00)}m_{031}^{(20)} + 2m_{011}^{(20)}m_{111}^{(00)}m_{022}^{(10)} - 2m_{011}^{(20)}m_{111}^{(10)}m_{220}^{(22)}\\
&+4m_{011}^{(20)}m_{111}^{(10)}m_{211}^{(21)} + 2m_{011}^{(20)}m_{111}^{(10)}m_{202}^{(11)} - 4m_{011}^{(20)}m_{111}^{(10)}m_{121}^{(20)} + m_{011}^{(20)}m_{111}^{(11)}m_{310}^{(22)}
\end{aligned}
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\begin{aligned}
&-2m_{011}^{(20)}m_{111}^{(11)}m_{301}^{(21)} + 2m_{011}^{(20)}m_{111}^{(11)}m_{211}^{(20)} - 2m_{011}^{(20)}m_{111}^{(11)}m_{202}^{(10)} + m_{011}^{(20)}m_{111}^{(11)}m_{112}^{(00)} \\
&+4m_{011}^{(20)}m_{111}^{(20)}m_{211}^{(11)} - 4m_{011}^{(20)}m_{111}^{(20)}m_{121}^{(10)} - 2m_{011}^{(20)}m_{111}^{(21)}m_{301}^{(11)} + 4m_{011}^{(20)}m_{111}^{(21)}m_{211}^{(10)} \\
&-2m_{011}^{(20)}m_{111}^{(21)}m_{121}^{(00)} - m_{011}^{(20)}m_{111}^{(22)}m_{310}^{(11)} + m_{011}^{(20)}m_{111}^{(22)}m_{130}^{(00)} + m_{011}^{(20)}m_{102}^{(00)}m_{130}^{(21)} \\
&+m_{011}^{(20)}m_{102}^{(00)}m_{121}^{(11)} - 2m_{011}^{(20)}m_{102}^{(00)}m_{031}^{(10)} - 2m_{011}^{(20)}m_{102}^{(10)}m_{220}^{(21)} - m_{011}^{(20)}m_{102}^{(10)}m_{211}^{(11)} \\
&+2m_{011}^{(20)}m_{102}^{(10)}m_{121}^{(10)} + m_{011}^{(20)}m_{102}^{(10)}m_{031}^{(00)} + m_{011}^{(20)}m_{102}^{(11)}m_{310}^{(21)} - m_{011}^{(20)}m_{102}^{(11)}m_{121}^{(00)} \\
&-m_{011}^{(20)}m_{102}^{(20)}m_{220}^{(11)} + 2m_{011}^{(20)}m_{102}^{(20)}m_{130}^{(10)} - m_{011}^{(20)}m_{102}^{(20)}m_{040}^{(00)} + m_{011}^{(20)}m_{102}^{(21)}m_{310}^{(11)} \\
&-2m_{011}^{(20)}m_{102}^{(21)}m_{220}^{(10)} + m_{011}^{(20)}m_{102}^{(21)}m_{130}^{(00)} + m_{011}^{(20)}m_{030}^{(00)}m_{112}^{(20)} - 2m_{011}^{(20)}m_{030}^{(00)}m_{103}^{(10)} \\
&+m_{011}^{(20)}m_{030}^{(00)}m_{013}^{(00)} - 2m_{011}^{(20)}m_{030}^{(20)}m_{211}^{(20)} + 4m_{011}^{(20)}m_{030}^{(20)}m_{202}^{(10)} - 2m_{011}^{(20)}m_{030}^{(20)}m_{112}^{(00)} \\
&+m_{011}^{(20)}m_{030}^{(22)}m_{310}^{(20)} - 2m_{011}^{(20)}m_{030}^{(22)}m_{301}^{(10)} + m_{011}^{(20)}m_{030}^{(22)}m_{211}^{(00)} + m_{011}^{(20)}m_{021}^{(00)}m_{112}^{(10)} \\
&-m_{011}^{(20)}m_{021}^{(00)}m_{022}^{(00)} - 2m_{011}^{(20)}m_{021}^{(20)}m_{211}^{(10)} + 2m_{011}^{(20)}m_{021}^{(20)}m_{121}^{(00)} + m_{011}^{(20)}m_{021}^{(22)}m_{310}^{(10)} \\
&-m_{011}^{(20)}m_{021}^{(22)}m_{220}^{(00)} - m_{011}^{(20)}m_{012}^{(00)}m_{130}^{(20)} + 2m_{011}^{(20)}m_{012}^{(00)}m_{121}^{(10)} - m_{011}^{(20)}m_{012}^{(00)}m_{031}^{(00)} \\
&+2m_{011}^{(20)}m_{012}^{(10)}m_{220}^{(20)} - 4m_{011}^{(20)}m_{012}^{(10)}m_{211}^{(10)} + 2m_{011}^{(20)}m_{012}^{(10)}m_{121}^{(00)} - m_{011}^{(20)}m_{012}^{(11)}m_{310}^{(20)} \\
&+2m_{011}^{(20)}m_{012}^{(11)}m_{301}^{(10)} - m_{011}^{(20)}m_{012}^{(11)}m_{211}^{(00)} - m_{011}^{(20)}m_{003}^{(00)}m_{130}^{(10)} + m_{011}^{(20)}m_{003}^{(00)}m_{040}^{(00)} \\
&+2m_{011}^{(20)}m_{003}^{(10)}m_{220}^{(10)} - 2m_{011}^{(20)}m_{003}^{(10)}m_{130}^{(00)} - m_{011}^{(20)}m_{003}^{(11)}m_{310}^{(10)} + m_{011}^{(20)}m_{003}^{(11)}m_{220}^{(00)} \\
&+m_{011}^{(21)}m_{300}^{(10)}m_{121}^{(22)} + 2m_{011}^{(21)}m_{300}^{(10)}m_{112}^{(21)} + m_{011}^{(21)}m_{300}^{(10)}m_{103}^{(11)} - 2m_{011}^{(21)}m_{300}^{(10)}m_{022}^{(20)} \\
&-2m_{011}^{(21)}m_{300}^{(10)}m_{013}^{(10)} - m_{011}^{(21)}m_{300}^{(11)}m_{211}^{(22)} - m_{011}^{(21)}m_{300}^{(11)}m_{202}^{(21)} + 2m_{011}^{(21)}m_{300}^{(11)}m_{112}^{(20)} \\
&-m_{011}^{(21)}m_{300}^{(20)}m_{130}^{(22)} - 2m_{011}^{(21)}m_{300}^{(20)}m_{121}^{(21)} - m_{011}^{(21)}m_{300}^{(20)}m_{112}^{(11)} + 2m_{011}^{(21)}m_{300}^{(20)}m_{031}^{(20)} \\
&+2m_{011}^{(21)}m_{300}^{(20)}m_{022}^{(10)} + m_{011}^{(21)}m_{300}^{(21)}m_{220}^{(22)} - m_{011}^{(21)}m_{300}^{(21)}m_{202}^{(11)} - 2m_{011}^{(21)}m_{300}^{(21)}m_{121}^{(20)} \\
&+2m_{011}^{(21)}m_{300}^{(21)}m_{112}^{(10)} + m_{011}^{(21)}m_{300}^{(22)}m_{220}^{(21)} + m_{011}^{(21)}m_{300}^{(22)}m_{211}^{(11)} - 2m_{011}^{(21)}m_{300}^{(22)}m_{121}^{(10)} \\
&-m_{011}^{(21)}m_{210}^{(00)}m_{121}^{(22)} - 2m_{011}^{(21)}m_{210}^{(00)}m_{112}^{(21)} - m_{011}^{(21)}m_{210}^{(00)}m_{103}^{(11)} + 2m_{011}^{(21)}m_{210}^{(00)}m_{022}^{(20)} \\
&+2m_{011}^{(21)}m_{210}^{(00)}m_{013}^{(10)} - 2m_{011}^{(21)}m_{210}^{(10)}m_{112}^{(20)} + 2m_{011}^{(21)}m_{210}^{(10)}m_{013}^{(00)} + m_{011}^{(21)}m_{210}^{(11)}m_{301}^{(22)} \\
&-m_{011}^{(21)}m_{210}^{(11)}m_{202}^{(20)} + 2m_{011}^{(21)}m_{210}^{(20)}m_{220}^{(22)} + 4m_{011}^{(21)}m_{210}^{(20)}m_{211}^{(21)} + 2m_{011}^{(21)}m_{210}^{(20)}m_{202}^{(11)} \\
&-2m_{011}^{(21)}m_{210}^{(20)}m_{121}^{(20)} - 4m_{011}^{(21)}m_{210}^{(20)}m_{112}^{(10)} - 2m_{011}^{(21)}m_{210}^{(20)}m_{022}^{(00)} - 2m_{011}^{(21)}m_{210}^{(21)}m_{310}^{(22)} \\
&+4m_{011}^{(21)}m_{210}^{(21)}m_{211}^{(20)} - 2m_{011}^{(21)}m_{210}^{(21)}m_{112}^{(00)} - 2m_{011}^{(21)}m_{210}^{(22)}m_{310}^{(21)} - m_{011}^{(21)}m_{210}^{(22)}m_{301}^{(11)} \\
&-m_{011}^{(21)}m_{210}^{(22)}m_{220}^{(20)} + 2m_{011}^{(21)}m_{210}^{(22)}m_{211}^{(10)} + 2m_{011}^{(21)}m_{210}^{(22)}m_{121}^{(00)} + m_{011}^{(21)}m_{201}^{(00)}m_{130}^{(22)} \\
&+2m_{011}^{(21)}m_{201}^{(00)}m_{121}^{(21)} + m_{011}^{(21)}m_{201}^{(00)}m_{112}^{(11)} - 2m_{011}^{(21)}m_{201}^{(00)}m_{031}^{(20)} - 2m_{011}^{(21)}m_{201}^{(00)}m_{022}^{(10)} \\
&-2m_{011}^{(21)}m_{201}^{(10)}m_{220}^{(22)} - 4m_{011}^{(21)}m_{201}^{(10)}m_{211}^{(21)} - 2m_{011}^{(21)}m_{201}^{(10)}m_{202}^{(11)} + 4m_{011}^{(21)}m_{201}^{(10)}m_{121}^{(20)} \\
&+2m_{011}^{(21)}m_{201}^{(10)}m_{112}^{(10)} + 2m_{011}^{(21)}m_{201}^{(10)}m_{022}^{(00)} + m_{011}^{(21)}m_{201}^{(11)}m_{310}^{(22)} + 2m_{011}^{(21)}m_{201}^{(11)}m_{301}^{(21)} \\
&-2m_{011}^{(21)}m_{201}^{(11)}m_{211}^{(20)} + m_{011}^{(21)}m_{201}^{(11)}m_{202}^{(10)} - 2m_{011}^{(21)}m_{201}^{(11)}m_{112}^{(00)} + 2m_{011}^{(21)}m_{201}^{(20)}m_{121}^{(10)} \\
&-2m_{011}^{(21)}m_{201}^{(20)}m_{031}^{(00)} + 2m_{011}^{(21)}m_{201}^{(21)}m_{301}^{(11)} - 4m_{011}^{(21)}m_{201}^{(21)}m_{211}^{(10)} + 2m_{011}^{(21)}m_{201}^{(21)}m_{121}^{(00)} \\
&-m_{011}^{(21)}m_{201}^{(22)}m_{310}^{(11)} + m_{011}^{(21)}m_{201}^{(22)}m_{220}^{(10)} + m_{011}^{(21)}m_{120}^{(00)}m_{211}^{(22)} + m_{011}^{(21)}m_{120}^{(00)}m_{202}^{(21)} \\
&-2m_{011}^{(21)}m_{120}^{(00)}m_{013}^{(00)} - m_{011}^{(21)}m_{120}^{(10)}m_{301}^{(22)} + 2m_{011}^{(21)}m_{120}^{(10)}m_{202}^{(20)} - m_{011}^{(21)}m_{120}^{(10)}m_{103}^{(00)} \\
&-m_{011}^{(21)}m_{120}^{(20)}m_{310}^{(22)} - 2m_{011}^{(21)}m_{120}^{(20)}m_{301}^{(21)} - 2m_{011}^{(21)}m_{120}^{(20)}m_{211}^{(20)} + 5m_{011}^{(21)}m_{120}^{(20)}m_{112}^{(00)} \\
&+m_{011}^{(21)}m_{120}^{(21)}m_{400}^{(22)} - 2m_{011}^{(21)}m_{120}^{(21)}m_{301}^{(20)} + m_{011}^{(21)}m_{120}^{(21)}m_{202}^{(00)} + m_{011}^{(21)}m_{120}^{(22)}m_{400}^{(21)} \\
&+2m_{011}^{(21)}m_{120}^{(22)}m_{310}^{(20)} - 3m_{011}^{(21)}m_{120}^{(22)}m_{211}^{(00)} - m_{011}^{(21)}m_{111}^{(00)}m_{220}^{(22)} + m_{011}^{(21)}m_{111}^{(00)}m_{202}^{(11)} \\
&+2m_{011}^{(21)}m_{111}^{(10)}m_{310}^{(22)} - 2m_{011}^{(21)}m_{111}^{(10)}m_{112}^{(00)} - m_{011}^{(21)}m_{111}^{(11)}m_{400}^{(22)} + m_{011}^{(21)}m_{111}^{(11)}m_{202}^{(00)} \\
&-2m_{011}^{(21)}m_{111}^{(20)}m_{301}^{(11)} + 2m_{011}^{(21)}m_{111}^{(20)}m_{121}^{(00)} + m_{011}^{(21)}m_{111}^{(22)}m_{400}^{(11)} - m_{011}^{(21)}m_{111}^{(22)}m_{220}^{(00)} \\
&-m_{011}^{(21)}m_{102}^{(00)}m_{220}^{(21)} - m_{011}^{(21)}m_{102}^{(00)}m_{211}^{(11)} + 2m_{011}^{(21)}m_{102}^{(00)}m_{031}^{(00)} + 2m_{011}^{(21)}m_{102}^{(10)}m_{310}^{(21)}
\end{aligned}
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$$+m_{011}^{(21)}m_{102}^{(10)}m_{301}^{(11)}+2m_{011}^{(21)}m_{102}^{(10)}m_{211}^{(10)}-5m_{011}^{(21)}m_{102}^{(10)}m_{121}^{(00)}-m_{011}^{(21)}m_{102}^{(11)}m_{400}^{(21)}$$
$$-2m_{011}^{(21)}m_{102}^{(11)}m_{301}^{(10)}+3m_{011}^{(21)}m_{102}^{(11)}m_{211}^{(00)}+m_{011}^{(21)}m_{102}^{(20)}m_{310}^{(11)}-2m_{011}^{(21)}m_{102}^{(20)}m_{220}^{(10)}$$
$$+m_{011}^{(21)}m_{102}^{(20)}m_{130}^{(00)}-m_{011}^{(21)}m_{102}^{(21)}m_{400}^{(11)}+2m_{011}^{(21)}m_{102}^{(21)}m_{310}^{(10)}-m_{011}^{(21)}m_{102}^{(21)}m_{220}^{(00)}$$
$$-m_{011}^{(21)}m_{030}^{(00)}m_{202}^{(20)}+m_{011}^{(21)}m_{030}^{(00)}m_{103}^{(00)}+2m_{011}^{(21)}m_{030}^{(20)}m_{301}^{(20)}-2m_{011}^{(21)}m_{030}^{(20)}m_{202}^{(00)}$$
$$-m_{011}^{(21)}m_{030}^{(22)}m_{400}^{(20)}+m_{011}^{(21)}m_{030}^{(22)}m_{301}^{(00)}-m_{011}^{(21)}m_{021}^{(00)}m_{202}^{(10)}+m_{011}^{(21)}m_{021}^{(00)}m_{112}^{(00)}$$
$$+2m_{011}^{(21)}m_{021}^{(20)}m_{301}^{(10)}-2m_{011}^{(21)}m_{021}^{(20)}m_{211}^{(00)}-m_{011}^{(21)}m_{021}^{(22)}m_{400}^{(10)}+m_{011}^{(21)}m_{021}^{(22)}m_{310}^{(00)}$$
$$+m_{011}^{(21)}m_{012}^{(00)}m_{220}^{(20)}-m_{011}^{(21)}m_{012}^{(00)}m_{121}^{(00)}-2m_{011}^{(21)}m_{012}^{(10)}m_{310}^{(20)}+2m_{011}^{(21)}m_{012}^{(10)}m_{211}^{(00)}$$
$$+m_{011}^{(21)}m_{012}^{(11)}m_{400}^{(20)}-m_{011}^{(21)}m_{012}^{(11)}m_{301}^{(00)}+m_{011}^{(21)}m_{003}^{(00)}m_{220}^{(10)}-m_{011}^{(21)}m_{003}^{(00)}m_{130}^{(00)}$$
$$-2m_{011}^{(21)}m_{003}^{(10)}m_{310}^{(10)}+2m_{011}^{(21)}m_{003}^{(10)}m_{220}^{(00)}+m_{011}^{(21)}m_{003}^{(11)}m_{400}^{(10)}-m_{011}^{(21)}m_{003}^{(11)}m_{310}^{(00)}$$
$$-m_{011}^{(22)}m_{300}^{(10)}m_{121}^{(21)}-m_{011}^{(22)}m_{300}^{(10)}m_{112}^{(11)}+m_{011}^{(22)}m_{300}^{(10)}m_{031}^{(20)}+m_{011}^{(22)}m_{300}^{(10)}m_{022}^{(10)}$$
$$+m_{011}^{(22)}m_{300}^{(11)}m_{211}^{(21)}-m_{011}^{(22)}m_{300}^{(11)}m_{121}^{(20)}+m_{011}^{(22)}m_{300}^{(20)}m_{130}^{(21)}+m_{011}^{(22)}m_{300}^{(20)}m_{121}^{(11)}$$
$$-m_{011}^{(22)}m_{300}^{(20)}m_{040}^{(20)}-m_{011}^{(22)}m_{300}^{(20)}m_{031}^{(10)}-m_{011}^{(22)}m_{300}^{(21)}m_{220}^{(21)}+m_{011}^{(22)}m_{300}^{(21)}m_{211}^{(11)}$$
$$+m_{011}^{(22)}m_{300}^{(21)}m_{130}^{(20)}-m_{011}^{(22)}m_{300}^{(21)}m_{121}^{(10)}-m_{011}^{(22)}m_{300}^{(22)}m_{220}^{(11)}+m_{011}^{(22)}m_{300}^{(22)}m_{130}^{(10)}$$
$$+m_{011}^{(22)}m_{210}^{(00)}m_{121}^{(21)}+m_{011}^{(22)}m_{210}^{(00)}m_{112}^{(11)}-m_{011}^{(22)}m_{210}^{(00)}m_{031}^{(20)}-m_{011}^{(22)}m_{210}^{(00)}m_{022}^{(10)}$$
$$+m_{011}^{(22)}m_{210}^{(10)}m_{202}^{(11)}-m_{011}^{(22)}m_{210}^{(10)}m_{022}^{(00)}-m_{011}^{(22)}m_{210}^{(11)}m_{301}^{(21)}+m_{011}^{(22)}m_{210}^{(11)}m_{211}^{(20)}$$
$$-2m_{011}^{(22)}m_{210}^{(20)}m_{220}^{(21)}-3m_{011}^{(22)}m_{210}^{(20)}m_{211}^{(11)}+2m_{011}^{(22)}m_{210}^{(20)}m_{130}^{(20)}+2m_{011}^{(22)}m_{210}^{(20)}m_{121}^{(10)}$$
$$+m_{011}^{(22)}m_{210}^{(20)}m_{031}^{(00)}+2m_{011}^{(22)}m_{210}^{(21)}m_{310}^{(21)}-m_{011}^{(22)}m_{210}^{(21)}m_{301}^{(11)}-2m_{011}^{(22)}m_{210}^{(21)}m_{220}^{(20)}$$
$$+m_{011}^{(22)}m_{210}^{(21)}m_{121}^{(00)}+2m_{011}^{(22)}m_{210}^{(22)}m_{310}^{(11)}-m_{011}^{(22)}m_{210}^{(22)}m_{220}^{(10)}-m_{011}^{(22)}m_{210}^{(22)}m_{130}^{(00)}$$
$$-m_{011}^{(22)}m_{201}^{(00)}m_{130}^{(21)}-m_{011}^{(22)}m_{201}^{(00)}m_{121}^{(11)}+m_{011}^{(22)}m_{201}^{(00)}m_{040}^{(20)}+m_{011}^{(22)}m_{201}^{(00)}m_{031}^{(10)}$$
$$+2m_{011}^{(22)}m_{201}^{(10)}m_{220}^{(21)}+m_{011}^{(22)}m_{201}^{(10)}m_{211}^{(11)}-2m_{011}^{(22)}m_{201}^{(10)}m_{130}^{(20)}-m_{011}^{(22)}m_{201}^{(10)}m_{031}^{(00)}$$
$$-m_{011}^{(22)}m_{201}^{(11)}m_{310}^{(21)}+m_{011}^{(22)}m_{201}^{(11)}m_{220}^{(20)}-m_{011}^{(22)}m_{201}^{(11)}m_{211}^{(10)}+m_{011}^{(22)}m_{201}^{(11)}m_{121}^{(00)}$$
$$+m_{011}^{(22)}m_{201}^{(20)}m_{220}^{(11)}-2m_{011}^{(22)}m_{201}^{(20)}m_{130}^{(10)}+m_{011}^{(22)}m_{201}^{(20)}m_{040}^{(00)}-m_{011}^{(22)}m_{201}^{(21)}m_{310}^{(11)}$$
$$+2m_{011}^{(22)}m_{201}^{(21)}m_{220}^{(10)}-m_{011}^{(22)}m_{201}^{(21)}m_{130}^{(00)}-m_{011}^{(22)}m_{120}^{(00)}m_{211}^{(21)}-m_{011}^{(22)}m_{120}^{(00)}m_{202}^{(11)}$$
$$+m_{011}^{(22)}m_{120}^{(00)}m_{121}^{(20)}+m_{011}^{(22)}m_{120}^{(00)}m_{022}^{(00)}+m_{011}^{(22)}m_{120}^{(10)}m_{301}^{(21)}-m_{011}^{(22)}m_{120}^{(10)}m_{211}^{(20)}$$
$$-m_{011}^{(22)}m_{120}^{(10)}m_{202}^{(10)}+m_{011}^{(22)}m_{120}^{(10)}m_{112}^{(00)}+m_{011}^{(22)}m_{120}^{(20)}m_{310}^{(21)}+2m_{011}^{(22)}m_{120}^{(20)}m_{301}^{(11)}$$
$$-m_{011}^{(22)}m_{120}^{(20)}m_{220}^{(20)}+m_{011}^{(22)}m_{120}^{(20)}m_{211}^{(10)}-3m_{011}^{(22)}m_{120}^{(20)}m_{121}^{(00)}-m_{011}^{(22)}m_{120}^{(21)}m_{400}^{(21)}$$
$$+m_{011}^{(22)}m_{120}^{(21)}m_{310}^{(20)}+m_{011}^{(22)}m_{120}^{(21)}m_{301}^{(10)}-m_{011}^{(22)}m_{120}^{(21)}m_{211}^{(00)}-m_{011}^{(22)}m_{120}^{(22)}m_{400}^{(11)}$$
$$-m_{011}^{(22)}m_{120}^{(22)}m_{310}^{(10)}+2m_{011}^{(22)}m_{120}^{(22)}m_{220}^{(00)}+m_{011}^{(22)}m_{111}^{(00)}m_{220}^{(21)}+m_{011}^{(22)}m_{111}^{(00)}m_{211}^{(11)}$$
$$-m_{011}^{(22)}m_{111}^{(00)}m_{130}^{(20)}-m_{011}^{(22)}m_{111}^{(00)}m_{121}^{(10)}-2m_{011}^{(22)}m_{111}^{(10)}m_{310}^{(21)}-m_{011}^{(22)}m_{111}^{(10)}m_{301}^{(11)}$$
$$+2m_{011}^{(22)}m_{111}^{(10)}m_{220}^{(20)}+m_{011}^{(22)}m_{111}^{(10)}m_{211}^{(00)}+m_{011}^{(22)}m_{111}^{(11)}m_{400}^{(21)}-m_{011}^{(22)}m_{111}^{(11)}m_{310}^{(20)}$$
$$+m_{011}^{(22)}m_{111}^{(11)}m_{301}^{(10)}-m_{011}^{(22)}m_{111}^{(11)}m_{211}^{(00)}-m_{011}^{(22)}m_{111}^{(20)}m_{310}^{(11)}+2m_{011}^{(22)}m_{111}^{(20)}m_{220}^{(10)}$$
$$-m_{011}^{(22)}m_{111}^{(20)}m_{130}^{(00)}+m_{011}^{(22)}m_{111}^{(21)}m_{400}^{(11)}-2m_{011}^{(22)}m_{111}^{(21)}m_{310}^{(10)}+m_{011}^{(22)}m_{111}^{(21)}m_{220}^{(00)}$$
$$+m_{011}^{(22)}m_{102}^{(00)}m_{130}^{(10)}-m_{011}^{(22)}m_{102}^{(00)}m_{040}^{(00)}-2m_{011}^{(22)}m_{102}^{(10)}m_{220}^{(10)}+2m_{011}^{(22)}m_{102}^{(10)}m_{130}^{(00)}$$
$$+m_{011}^{(22)}m_{102}^{(11)}m_{310}^{(10)}-m_{011}^{(22)}m_{102}^{(11)}m_{220}^{(00)}+m_{011}^{(22)}m_{030}^{(00)}m_{202}^{(10)}-m_{011}^{(22)}m_{030}^{(00)}m_{112}^{(00)}$$
$$-2m_{011}^{(22)}m_{030}^{(20)}m_{301}^{(10)}+2m_{011}^{(22)}m_{030}^{(20)}m_{211}^{(00)}+m_{011}^{(22)}m_{030}^{(22)}m_{400}^{(10)}-m_{011}^{(22)}m_{030}^{(22)}m_{310}^{(00)}$$
$$-m_{011}^{(22)}m_{012}^{(00)}m_{220}^{(10)}+m_{011}^{(22)}m_{012}^{(00)}m_{130}^{(00)}+2m_{011}^{(22)}m_{012}^{(10)}m_{310}^{(10)}-2m_{011}^{(22)}m_{012}^{(10)}m_{220}^{(00)}$$
$$-m_{011}^{(22)}m_{012}^{(11)}m_{400}^{(10)}+m_{011}^{(22)}m_{012}^{(11)}m_{310}^{(00)}+m_{002}^{(00)}m_{210}^{(10)}m_{022}^{(21)}-m_{002}^{(00)}m_{210}^{(10)}m_{013}^{(11)}$$
$$-m_{002}^{(00)}m_{210}^{(11)}m_{112}^{(21)}+m_{002}^{(00)}m_{210}^{(11)}m_{103}^{(11)}-m_{002}^{(00)}m_{210}^{(20)}m_{031}^{(21)}+m_{002}^{(00)}m_{210}^{(20)}m_{022}^{(11)}$$

$$
\begin{aligned}
&+m_{002}^{(00)}m_{210}^{(21)}m_{121}^{(21)} - m_{002}^{(00)}m_{210}^{(21)}m_{112}^{(11)} - m_{002}^{(00)}m_{201}^{(10)}m_{031}^{(21)} + m_{002}^{(00)}m_{201}^{(10)}m_{022}^{(11)}\\
&+m_{002}^{(00)}m_{201}^{(11)}m_{121}^{(21)} - m_{002}^{(00)}m_{201}^{(11)}m_{112}^{(11)} + m_{002}^{(00)}m_{201}^{(20)}m_{040}^{(21)} - m_{002}^{(00)}m_{201}^{(20)}m_{031}^{(11)}\\
&-m_{002}^{(00)}m_{201}^{(21)}m_{130}^{(21)} + m_{002}^{(00)}m_{201}^{(21)}m_{121}^{(11)} - m_{002}^{(00)}m_{120}^{(00)}m_{022}^{(21)} + m_{002}^{(00)}m_{120}^{(00)}m_{013}^{(11)}\\
&+m_{002}^{(00)}m_{120}^{(10)}m_{112}^{(21)} - m_{002}^{(00)}m_{120}^{(10)}m_{103}^{(11)} - m_{002}^{(00)}m_{120}^{(10)}m_{022}^{(20)} + m_{002}^{(00)}m_{120}^{(10)}m_{013}^{(10)}\\
&+m_{002}^{(00)}m_{120}^{(11)}m_{112}^{(20)} - m_{002}^{(00)}m_{120}^{(11)}m_{103}^{(10)} + m_{002}^{(00)}m_{120}^{(20)}m_{121}^{(21)} - m_{002}^{(00)}m_{120}^{(20)}m_{112}^{(11)}\\
&+m_{002}^{(00)}m_{120}^{(20)}m_{031}^{(20)} - m_{002}^{(00)}m_{120}^{(20)}m_{022}^{(10)} - m_{002}^{(00)}m_{120}^{(21)}m_{211}^{(21)} + m_{002}^{(00)}m_{120}^{(21)}m_{202}^{(11)}\\
&-m_{002}^{(00)}m_{120}^{(21)}m_{121}^{(20)} + m_{002}^{(00)}m_{120}^{(21)}m_{112}^{(10)} + 2m_{002}^{(00)}m_{111}^{(00)}m_{031}^{(21)} - 2m_{002}^{(00)}m_{111}^{(00)}m_{022}^{(11)}\\
&-3m_{002}^{(00)}m_{111}^{(10)}m_{121}^{(21)} + 3m_{002}^{(00)}m_{111}^{(10)}m_{112}^{(11)} + m_{002}^{(00)}m_{111}^{(10)}m_{031}^{(20)} - m_{002}^{(00)}m_{111}^{(10)}m_{022}^{(10)}\\
&+m_{002}^{(00)}m_{111}^{(11)}m_{211}^{(21)} - m_{002}^{(00)}m_{111}^{(11)}m_{202}^{(11)} - m_{002}^{(00)}m_{111}^{(11)}m_{121}^{(20)} + m_{002}^{(00)}m_{111}^{(11)}m_{112}^{(10)}\\
&-m_{002}^{(00)}m_{111}^{(20)}m_{130}^{(21)} + m_{002}^{(00)}m_{111}^{(20)}m_{121}^{(11)} - m_{002}^{(00)}m_{111}^{(20)}m_{040}^{(20)} + m_{002}^{(00)}m_{111}^{(20)}m_{031}^{(10)}\\
&+m_{002}^{(00)}m_{111}^{(21)}m_{220}^{(21)} - m_{002}^{(00)}m_{111}^{(21)}m_{211}^{(11)} + m_{002}^{(00)}m_{111}^{(21)}m_{130}^{(20)} - m_{002}^{(00)}m_{111}^{(21)}m_{121}^{(10)}\\
&-m_{002}^{(00)}m_{102}^{(00)}m_{040}^{(21)} + m_{002}^{(00)}m_{102}^{(00)}m_{031}^{(11)} + 2m_{002}^{(00)}m_{102}^{(10)}m_{130}^{(21)} - 2m_{002}^{(00)}m_{102}^{(10)}m_{121}^{(11)}\\
&-m_{002}^{(00)}m_{102}^{(11)}m_{220}^{(21)} + m_{002}^{(00)}m_{102}^{(11)}m_{211}^{(11)} + m_{002}^{(00)}m_{030}^{(00)}m_{022}^{(20)} - m_{002}^{(00)}m_{030}^{(00)}m_{013}^{(10)}\\
&-m_{002}^{(00)}m_{030}^{(10)}m_{112}^{(20)} + m_{002}^{(00)}m_{030}^{(10)}m_{103}^{(10)} - m_{002}^{(00)}m_{030}^{(20)}m_{121}^{(20)} + m_{002}^{(00)}m_{030}^{(20)}m_{112}^{(10)}\\
&+m_{002}^{(00)}m_{030}^{(21)}m_{211}^{(20)} - m_{002}^{(00)}m_{030}^{(21)}m_{202}^{(10)} - 2m_{002}^{(00)}m_{021}^{(00)}m_{031}^{(20)} + 2m_{002}^{(00)}m_{021}^{(00)}m_{022}^{(10)}\\
&+3m_{002}^{(00)}m_{021}^{(10)}m_{121}^{(20)} - 3m_{002}^{(00)}m_{021}^{(10)}m_{112}^{(10)} - m_{002}^{(00)}m_{021}^{(11)}m_{211}^{(20)} + m_{002}^{(00)}m_{021}^{(11)}m_{202}^{(10)}\\
&+m_{002}^{(00)}m_{021}^{(20)}m_{130}^{(20)} - m_{002}^{(00)}m_{021}^{(20)}m_{121}^{(10)} - m_{002}^{(00)}m_{021}^{(21)}m_{220}^{(20)} + m_{002}^{(00)}m_{021}^{(21)}m_{211}^{(10)}\\
&+m_{002}^{(00)}m_{012}^{(00)}m_{040}^{(20)} - m_{002}^{(00)}m_{012}^{(00)}m_{031}^{(10)} - 2m_{002}^{(00)}m_{012}^{(10)}m_{130}^{(20)} + 2m_{002}^{(00)}m_{012}^{(10)}m_{121}^{(10)}\\
&+m_{002}^{(00)}m_{012}^{(11)}m_{220}^{(20)} - m_{002}^{(00)}m_{012}^{(11)}m_{211}^{(10)} - m_{002}^{(10)}m_{300}^{(10)}m_{022}^{(21)} + m_{002}^{(10)}m_{300}^{(10)}m_{013}^{(11)}\\
&+m_{002}^{(10)}m_{300}^{(11)}m_{112}^{(21)} - m_{002}^{(10)}m_{300}^{(11)}m_{103}^{(11)} + m_{002}^{(10)}m_{300}^{(20)}m_{031}^{(21)} - m_{002}^{(10)}m_{300}^{(20)}m_{022}^{(11)}\\
&-m_{002}^{(10)}m_{300}^{(21)}m_{121}^{(21)} + m_{002}^{(10)}m_{300}^{(21)}m_{112}^{(11)} + m_{002}^{(10)}m_{210}^{(00)}m_{022}^{(21)} - m_{002}^{(10)}m_{210}^{(00)}m_{013}^{(11)}\\
&-2m_{002}^{(10)}m_{210}^{(10)}m_{112}^{(21)} + m_{002}^{(10)}m_{210}^{(10)}m_{103}^{(11)} + m_{002}^{(10)}m_{210}^{(10)}m_{022}^{(20)} + m_{002}^{(10)}m_{210}^{(11)}m_{202}^{(21)}\\
&-m_{002}^{(10)}m_{210}^{(11)}m_{112}^{(20)} + m_{002}^{(10)}m_{210}^{(20)}m_{112}^{(11)} - m_{002}^{(10)}m_{210}^{(20)}m_{031}^{(20)} - m_{002}^{(10)}m_{210}^{(21)}m_{202}^{(11)}\\
&+m_{002}^{(10)}m_{210}^{(21)}m_{121}^{(20)} - m_{002}^{(10)}m_{201}^{(00)}m_{031}^{(21)} + m_{002}^{(10)}m_{201}^{(00)}m_{022}^{(11)} + 4m_{002}^{(10)}m_{201}^{(10)}m_{121}^{(21)}\\
&-3m_{002}^{(10)}m_{201}^{(10)}m_{112}^{(11)} - m_{002}^{(10)}m_{201}^{(10)}m_{022}^{(10)} - 3m_{002}^{(10)}m_{201}^{(11)}m_{211}^{(21)} + 2m_{002}^{(10)}m_{201}^{(11)}m_{202}^{(11)}\\
&+m_{002}^{(10)}m_{201}^{(11)}m_{112}^{(10)} - 2m_{002}^{(10)}m_{201}^{(20)}m_{130}^{(21)} + m_{002}^{(10)}m_{201}^{(20)}m_{121}^{(11)} + m_{002}^{(10)}m_{201}^{(20)}m_{031}^{(10)}\\
&+2m_{002}^{(10)}m_{201}^{(21)}m_{220}^{(21)} - m_{002}^{(10)}m_{201}^{(21)}m_{211}^{(11)} - m_{002}^{(10)}m_{201}^{(21)}m_{121}^{(10)} + m_{002}^{(10)}m_{120}^{(00)}m_{112}^{(21)}\\
&-m_{002}^{(10)}m_{120}^{(00)}m_{022}^{(20)} - m_{002}^{(10)}m_{120}^{(10)}m_{202}^{(21)} + 2m_{002}^{(10)}m_{120}^{(10)}m_{112}^{(20)} - m_{002}^{(10)}m_{120}^{(10)}m_{013}^{(00)}\\
&-m_{002}^{(10)}m_{120}^{(11)}m_{202}^{(20)} + m_{002}^{(10)}m_{120}^{(11)}m_{103}^{(00)} - m_{002}^{(10)}m_{120}^{(20)}m_{211}^{(21)} + m_{002}^{(10)}m_{120}^{(20)}m_{022}^{(00)}\\
&+m_{002}^{(10)}m_{120}^{(21)}m_{301}^{(21)} - m_{002}^{(10)}m_{120}^{(21)}m_{112}^{(00)} - 3m_{002}^{(10)}m_{111}^{(00)}m_{121}^{(21)} + m_{002}^{(10)}m_{111}^{(00)}m_{112}^{(11)}\\
&+m_{002}^{(10)}m_{111}^{(00)}m_{031}^{(20)} + m_{002}^{(10)}m_{111}^{(00)}m_{022}^{(10)} + 4m_{002}^{(10)}m_{111}^{(10)}m_{211}^{(21)} - m_{002}^{(10)}m_{111}^{(10)}m_{202}^{(11)}\\
&-4m_{002}^{(10)}m_{111}^{(10)}m_{121}^{(20)} + m_{002}^{(10)}m_{111}^{(10)}m_{022}^{(00)} - m_{002}^{(10)}m_{111}^{(11)}m_{301}^{(21)} + 3m_{002}^{(10)}m_{111}^{(11)}m_{211}^{(20)}\\
&-m_{002}^{(10)}m_{111}^{(11)}m_{202}^{(10)} - m_{002}^{(10)}m_{111}^{(11)}m_{112}^{(00)} + 2m_{002}^{(10)}m_{111}^{(20)}m_{220}^{(21)} - m_{002}^{(10)}m_{111}^{(20)}m_{211}^{(11)}\\
&+2m_{002}^{(10)}m_{111}^{(20)}m_{130}^{(20)} - 2m_{002}^{(10)}m_{111}^{(20)}m_{121}^{(10)} - m_{002}^{(10)}m_{111}^{(20)}m_{031}^{(00)} - 2m_{002}^{(10)}m_{111}^{(21)}m_{310}^{(21)}\\
&+m_{002}^{(10)}m_{111}^{(21)}m_{301}^{(11)} - 2m_{002}^{(10)}m_{111}^{(21)}m_{220}^{(20)} + 2m_{002}^{(10)}m_{111}^{(21)}m_{211}^{(10)} + m_{002}^{(10)}m_{111}^{(21)}m_{121}^{(00)}\\
&+2m_{002}^{(10)}m_{102}^{(00)}m_{130}^{(21)} - m_{002}^{(10)}m_{102}^{(00)}m_{121}^{(11)} - m_{002}^{(10)}m_{102}^{(00)}m_{031}^{(10)} - 4m_{002}^{(10)}m_{102}^{(10)}m_{220}^{(21)}\\
&+2m_{002}^{(10)}m_{102}^{(10)}m_{211}^{(11)} + 2m_{002}^{(10)}m_{102}^{(10)}m_{121}^{(10)} + 2m_{002}^{(10)}m_{102}^{(11)}m_{310}^{(21)} - m_{002}^{(10)}m_{102}^{(11)}m_{301}^{(11)}\\
&-m_{002}^{(10)}m_{102}^{(11)}m_{211}^{(10)} - m_{002}^{(10)}m_{030}^{(00)}m_{112}^{(20)} + m_{002}^{(10)}m_{030}^{(00)}m_{013}^{(00)} + m_{002}^{(10)}m_{030}^{(10)}m_{202}^{(20)}
\end{aligned}
$$

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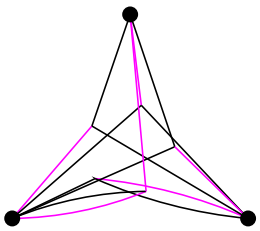
\begin{aligned}
&-m_{002}^{(10)} m_{030}^{(10)} m_{103}^{(00)} + m_{002}^{(10)} m_{030}^{(20)} m_{211}^{(20)} - m_{002}^{(10)} m_{030}^{(20)} m_{112}^{(00)} - m_{002}^{(10)} m_{030}^{(21)} m_{301}^{(20)} \\
&+m_{002}^{(10)} m_{030}^{(21)} m_{202}^{(00)} + 3m_{002}^{(10)} m_{021}^{(00)} m_{121}^{(20)} - m_{002}^{(10)} m_{021}^{(00)} m_{112}^{(10)} - 2m_{002}^{(10)} m_{021}^{(00)} m_{022}^{(00)} \\
&-4m_{002}^{(10)} m_{021}^{(10)} m_{211}^{(20)} + m_{002}^{(10)} m_{021}^{(10)} m_{202}^{(10)} + 3m_{002}^{(10)} m_{021}^{(10)} m_{112}^{(00)} + m_{002}^{(10)} m_{021}^{(11)} m_{301}^{(20)} \\
&-m_{002}^{(10)} m_{021}^{(11)} m_{202}^{(00)} - 2m_{002}^{(10)} m_{021}^{(20)} m_{220}^{(20)} + m_{002}^{(10)} m_{021}^{(20)} m_{211}^{(10)} + m_{002}^{(10)} m_{021}^{(20)} m_{121}^{(00)} \\
&+2m_{002}^{(10)} m_{021}^{(21)} m_{310}^{(20)} - m_{002}^{(10)} m_{021}^{(21)} m_{301}^{(10)} - m_{002}^{(10)} m_{021}^{(21)} m_{211}^{(00)} - 2m_{002}^{(10)} m_{012}^{(00)} m_{130}^{(20)} \\
&+m_{002}^{(10)} m_{012}^{(00)} m_{121}^{(10)} + m_{002}^{(10)} m_{012}^{(00)} m_{031}^{(00)} + 4m_{002}^{(10)} m_{012}^{(10)} m_{220}^{(20)} - 2m_{002}^{(10)} m_{012}^{(10)} m_{211}^{(10)} \\
&-2m_{002}^{(10)} m_{012}^{(10)} m_{121}^{(00)} - 2m_{002}^{(10)} m_{012}^{(11)} m_{310}^{(20)} + m_{002}^{(10)} m_{012}^{(11)} m_{301}^{(10)} + m_{002}^{(10)} m_{012}^{(11)} m_{211}^{(00)} \\
&+m_{002}^{(11)} m_{300}^{(10)} m_{112}^{(21)} - m_{002}^{(11)} m_{300}^{(10)} m_{013}^{(10)} - m_{002}^{(11)} m_{300}^{(11)} m_{202}^{(21)} + m_{002}^{(11)} m_{300}^{(11)} m_{103}^{(10)} \\
&-m_{002}^{(11)} m_{300}^{(20)} m_{121}^{(21)} + m_{002}^{(11)} m_{300}^{(20)} m_{022}^{(10)} + m_{002}^{(11)} m_{300}^{(21)} m_{211}^{(21)} - m_{002}^{(11)} m_{300}^{(21)} m_{112}^{(10)} \\
&-m_{002}^{(11)} m_{210}^{(00)} m_{112}^{(21)} + m_{002}^{(11)} m_{210}^{(00)} m_{013}^{(10)} + m_{002}^{(11)} m_{210}^{(10)} m_{202}^{(21)} - m_{002}^{(11)} m_{210}^{(10)} m_{112}^{(20)} \\
&-m_{002}^{(11)} m_{210}^{(10)} m_{103}^{(10)} + m_{002}^{(11)} m_{210}^{(10)} m_{013}^{(00)} + m_{002}^{(11)} m_{210}^{(11)} m_{202}^{(20)} - m_{002}^{(11)} m_{210}^{(11)} m_{103}^{(00)} \\
&+m_{002}^{(11)} m_{210}^{(20)} m_{211}^{(21)} + m_{002}^{(11)} m_{210}^{(20)} m_{121}^{(20)} - m_{002}^{(11)} m_{210}^{(20)} m_{112}^{(10)} - m_{002}^{(11)} m_{210}^{(20)} m_{022}^{(00)} \\
&-m_{002}^{(11)} m_{210}^{(21)} m_{301}^{(21)} - m_{002}^{(11)} m_{210}^{(21)} m_{211}^{(20)} + m_{002}^{(11)} m_{210}^{(21)} m_{202}^{(10)} + m_{002}^{(11)} m_{210}^{(21)} m_{112}^{(00)} \\
&+m_{002}^{(11)} m_{201}^{(00)} m_{121}^{(21)} - m_{002}^{(11)} m_{201}^{(00)} m_{022}^{(10)} - 3m_{002}^{(11)} m_{201}^{(10)} m_{211}^{(21)} + 3m_{002}^{(11)} m_{201}^{(10)} m_{112}^{(10)} \\
&+2m_{002}^{(11)} m_{201}^{(11)} m_{301}^{(21)} - 2m_{002}^{(11)} m_{201}^{(11)} m_{202}^{(10)} + m_{002}^{(11)} m_{201}^{(20)} m_{220}^{(21)} - m_{002}^{(11)} m_{201}^{(20)} m_{121}^{(10)} \\
&-m_{002}^{(11)} m_{201}^{(21)} m_{310}^{(21)} + m_{002}^{(11)} m_{201}^{(21)} m_{211}^{(10)} + m_{002}^{(11)} m_{120}^{(00)} m_{112}^{(20)} - m_{002}^{(11)} m_{120}^{(00)} m_{013}^{(00)} \\
&-m_{002}^{(11)} m_{120}^{(10)} m_{202}^{(20)} + m_{002}^{(11)} m_{120}^{(10)} m_{103}^{(00)} - m_{002}^{(11)} m_{120}^{(20)} m_{211}^{(20)} + m_{002}^{(11)} m_{120}^{(20)} m_{112}^{(00)} \\
&+m_{002}^{(11)} m_{120}^{(21)} m_{301}^{(20)} - m_{002}^{(11)} m_{120}^{(21)} m_{202}^{(00)} + m_{002}^{(11)} m_{111}^{(00)} m_{211}^{(21)} - m_{002}^{(11)} m_{111}^{(00)} m_{121}^{(20)} \\
&-m_{002}^{(11)} m_{111}^{(00)} m_{112}^{(10)} + m_{002}^{(11)} m_{111}^{(00)} m_{022}^{(00)} - m_{002}^{(11)} m_{111}^{(10)} m_{301}^{(21)} + 3m_{002}^{(11)} m_{111}^{(10)} m_{211}^{(20)} \\
&+m_{002}^{(11)} m_{111}^{(10)} m_{202}^{(10)} - 3m_{002}^{(11)} m_{111}^{(10)} m_{112}^{(00)} - 2m_{002}^{(11)} m_{111}^{(11)} m_{301}^{(20)} + 2m_{002}^{(11)} m_{111}^{(11)} m_{202}^{(00)} \\
&-m_{002}^{(11)} m_{111}^{(20)} m_{310}^{(21)} - m_{002}^{(11)} m_{111}^{(20)} m_{220}^{(20)} + m_{002}^{(11)} m_{111}^{(20)} m_{211}^{(10)} + m_{002}^{(11)} m_{111}^{(20)} m_{121}^{(00)} \\
&+m_{002}^{(11)} m_{111}^{(21)} m_{400}^{(21)} + m_{002}^{(11)} m_{111}^{(21)} m_{310}^{(20)} - m_{002}^{(11)} m_{111}^{(21)} m_{301}^{(10)} - m_{002}^{(11)} m_{111}^{(21)} m_{211}^{(00)} \\
&-m_{002}^{(11)} m_{102}^{(00)} m_{220}^{(21)} + m_{002}^{(11)} m_{102}^{(00)} m_{121}^{(10)} + 2m_{002}^{(11)} m_{102}^{(10)} m_{310}^{(21)} - 2m_{002}^{(11)} m_{102}^{(10)} m_{211}^{(10)} \\
&-m_{002}^{(11)} m_{102}^{(11)} m_{400}^{(21)} + m_{002}^{(11)} m_{102}^{(11)} m_{301}^{(10)} - m_{002}^{(11)} m_{021}^{(00)} m_{211}^{(20)} + m_{002}^{(11)} m_{021}^{(00)} m_{112}^{(00)} \\
&+m_{002}^{(11)} m_{021}^{(10)} m_{301}^{(20)} - m_{002}^{(11)} m_{021}^{(10)} m_{202}^{(00)} + m_{002}^{(11)} m_{021}^{(20)} m_{310}^{(20)} - m_{002}^{(11)} m_{021}^{(20)} m_{211}^{(00)} \\
&-m_{002}^{(11)} m_{021}^{(21)} m_{400}^{(20)} + m_{002}^{(11)} m_{021}^{(21)} m_{301}^{(00)} + m_{002}^{(11)} m_{012}^{(00)} m_{220}^{(20)} - m_{002}^{(11)} m_{012}^{(00)} m_{121}^{(00)} \\
&-2m_{002}^{(11)} m_{012}^{(10)} m_{310}^{(20)} + 2m_{002}^{(11)} m_{012}^{(10)} m_{211}^{(00)} + m_{002}^{(11)} m_{012}^{(11)} m_{400}^{(20)} - m_{002}^{(11)} m_{012}^{(11)} m_{301}^{(00)} \\
&+m_{002}^{(20)} m_{300}^{(10)} m_{031}^{(21)} - m_{002}^{(20)} m_{300}^{(10)} m_{022}^{(11)} - m_{002}^{(20)} m_{300}^{(11)} m_{121}^{(21)} + m_{002}^{(20)} m_{300}^{(11)} m_{112}^{(11)} \\
&-m_{002}^{(20)} m_{300}^{(20)} m_{040}^{(21)} + m_{002}^{(20)} m_{300}^{(20)} m_{031}^{(11)} + m_{002}^{(20)} m_{300}^{(21)} m_{130}^{(21)} - m_{002}^{(20)} m_{300}^{(21)} m_{121}^{(11)} \\
&-m_{002}^{(20)} m_{210}^{(00)} m_{031}^{(21)} + m_{002}^{(20)} m_{210}^{(00)} m_{022}^{(11)} + m_{002}^{(20)} m_{210}^{(10)} m_{112}^{(11)} - m_{002}^{(20)} m_{210}^{(10)} m_{031}^{(20)} \\
&+m_{002}^{(20)} m_{210}^{(11)} m_{211}^{(21)} - 2m_{002}^{(20)} m_{210}^{(11)} m_{202}^{(11)} + m_{002}^{(20)} m_{210}^{(11)} m_{121}^{(20)} + 2m_{002}^{(20)} m_{210}^{(20)} m_{130}^{(21)} \\
&-3m_{002}^{(20)} m_{210}^{(20)} m_{121}^{(11)} + m_{002}^{(20)} m_{210}^{(20)} m_{040}^{(20)} - 2m_{002}^{(20)} m_{210}^{(21)} m_{220}^{(21)} + 3m_{002}^{(20)} m_{210}^{(21)} m_{211}^{(11)} \\
&-m_{002}^{(20)} m_{210}^{(21)} m_{130}^{(20)} + m_{002}^{(20)} m_{201}^{(00)} m_{040}^{(21)} - m_{002}^{(20)} m_{201}^{(00)} m_{031}^{(11)} - 2m_{002}^{(20)} m_{201}^{(10)} m_{130}^{(21)} \\
&+m_{002}^{(20)} m_{201}^{(10)} m_{121}^{(11)} + m_{002}^{(20)} m_{201}^{(10)} m_{031}^{(10)} + m_{002}^{(20)} m_{201}^{(11)} m_{220}^{(21)} - m_{002}^{(20)} m_{201}^{(11)} m_{121}^{(10)} \\
&+m_{002}^{(20)} m_{201}^{(20)} m_{130}^{(11)} - m_{002}^{(20)} m_{201}^{(20)} m_{040}^{(10)} - m_{002}^{(20)} m_{201}^{(21)} m_{220}^{(11)} + m_{002}^{(20)} m_{201}^{(21)} m_{130}^{(10)} \\
&+m_{002}^{(20)} m_{120}^{(00)} m_{121}^{(21)} - 2m_{002}^{(20)} m_{120}^{(00)} m_{112}^{(11)} + m_{002}^{(20)} m_{120}^{(00)} m_{031}^{(20)} - m_{002}^{(20)} m_{120}^{(10)} m_{211}^{(21)} \\
&+2m_{002}^{(20)} m_{120}^{(10)} m_{202}^{(11)} - 2m_{002}^{(20)} m_{120}^{(10)} m_{112}^{(10)} + m_{002}^{(20)} m_{120}^{(10)} m_{022}^{(00)} - m_{002}^{(20)} m_{120}^{(11)} m_{211}^{(20)} \\
&+2m_{002}^{(20)} m_{120}^{(11)} m_{202}^{(10)} - m_{002}^{(20)} m_{120}^{(11)} m_{112}^{(00)} - m_{002}^{(20)} m_{120}^{(20)} m_{220}^{(21)} + 2m_{002}^{(20)} m_{120}^{(20)} m_{211}^{(11)}
\end{aligned}
$$

$$
\begin{aligned}
&-2m_{002}^{(20)}m_{120}^{(20)}m_{130}^{(20)}+2m_{002}^{(20)}m_{120}^{(20)}m_{121}^{(10)}-m_{002}^{(20)}m_{120}^{(20)}m_{031}^{(00)}+m_{002}^{(20)}m_{120}^{(21)}m_{310}^{(21)}\\
&-2m_{002}^{(20)}m_{120}^{(21)}m_{301}^{(11)}+2m_{002}^{(20)}m_{120}^{(21)}m_{220}^{(20)}-2m_{002}^{(20)}m_{120}^{(21)}m_{211}^{(10)}+m_{002}^{(20)}m_{120}^{(21)}m_{121}^{(00)}\\
&-m_{002}^{(20)}m_{111}^{(00)}m_{130}^{(21)}+3m_{002}^{(20)}m_{111}^{(00)}m_{121}^{(11)}-m_{002}^{(20)}m_{111}^{(00)}m_{040}^{(20)}-m_{002}^{(20)}m_{111}^{(00)}m_{031}^{(10)}\\
&+2m_{002}^{(20)}m_{111}^{(10)}m_{220}^{(21)}-5m_{002}^{(20)}m_{111}^{(10)}m_{211}^{(11)}+2m_{002}^{(20)}m_{111}^{(10)}m_{130}^{(20)}+2m_{002}^{(20)}m_{111}^{(10)}m_{121}^{(10)}\\
&-m_{002}^{(20)}m_{111}^{(10)}m_{031}^{(00)}-m_{002}^{(20)}m_{111}^{(11)}m_{310}^{(21)}+2m_{002}^{(20)}m_{111}^{(11)}m_{301}^{(11)}-m_{002}^{(20)}m_{111}^{(11)}m_{220}^{(20)}\\
&-m_{002}^{(20)}m_{111}^{(11)}m_{211}^{(10)}+m_{002}^{(20)}m_{111}^{(11)}m_{121}^{(00)}-m_{002}^{(20)}m_{111}^{(20)}m_{220}^{(11)}+m_{002}^{(20)}m_{111}^{(20)}m_{040}^{(00)}\\
&+m_{002}^{(20)}m_{111}^{(21)}m_{310}^{(11)}-m_{002}^{(20)}m_{111}^{(21)}m_{130}^{(00)}-m_{002}^{(20)}m_{102}^{(00)}m_{130}^{(11)}+m_{002}^{(20)}m_{102}^{(00)}m_{040}^{(10)}\\
&+2m_{002}^{(20)}m_{102}^{(10)}m_{220}^{(11)}-2m_{002}^{(20)}m_{102}^{(10)}m_{130}^{(10)}-m_{002}^{(20)}m_{102}^{(11)}m_{310}^{(11)}+m_{002}^{(20)}m_{102}^{(11)}m_{220}^{(10)}\\
&-m_{002}^{(20)}m_{030}^{(00)}m_{121}^{(20)}+2m_{002}^{(20)}m_{030}^{(00)}m_{112}^{(10)}-m_{002}^{(20)}m_{030}^{(00)}m_{022}^{(00)}+m_{002}^{(20)}m_{030}^{(10)}m_{211}^{(20)}\\
&-2m_{002}^{(20)}m_{030}^{(10)}m_{202}^{(10)}+m_{002}^{(20)}m_{030}^{(10)}m_{112}^{(00)}+m_{002}^{(20)}m_{030}^{(20)}m_{220}^{(20)}-2m_{002}^{(20)}m_{030}^{(20)}m_{211}^{(10)}\\
&+m_{002}^{(20)}m_{030}^{(20)}m_{121}^{(00)}-m_{002}^{(20)}m_{030}^{(21)}m_{310}^{(20)}+2m_{002}^{(20)}m_{030}^{(21)}m_{301}^{(10)}-m_{002}^{(20)}m_{030}^{(21)}m_{211}^{(00)}\\
&+m_{002}^{(20)}m_{021}^{(00)}m_{130}^{(20)}-3m_{002}^{(20)}m_{021}^{(00)}m_{121}^{(10)}+2m_{002}^{(20)}m_{021}^{(00)}m_{031}^{(00)}-2m_{002}^{(20)}m_{021}^{(10)}m_{220}^{(20)}\\
&+5m_{002}^{(20)}m_{021}^{(10)}m_{211}^{(10)}-3m_{002}^{(20)}m_{021}^{(10)}m_{121}^{(00)}+m_{002}^{(20)}m_{021}^{(11)}m_{310}^{(20)}-2m_{002}^{(20)}m_{021}^{(11)}m_{301}^{(10)}\\
&+m_{002}^{(20)}m_{021}^{(11)}m_{211}^{(00)}+m_{002}^{(20)}m_{021}^{(20)}m_{220}^{(10)}-m_{002}^{(20)}m_{021}^{(20)}m_{130}^{(00)}-m_{002}^{(20)}m_{021}^{(21)}m_{310}^{(10)}\\
&+m_{002}^{(20)}m_{021}^{(21)}m_{220}^{(00)}+m_{002}^{(20)}m_{012}^{(00)}m_{130}^{(10)}-m_{002}^{(20)}m_{012}^{(00)}m_{040}^{(00)}-2m_{002}^{(20)}m_{012}^{(10)}m_{220}^{(10)}\\
&+2m_{002}^{(20)}m_{012}^{(10)}m_{130}^{(00)}+m_{002}^{(20)}m_{012}^{(11)}m_{310}^{(10)}-m_{002}^{(20)}m_{012}^{(11)}m_{220}^{(00)}-m_{002}^{(21)}m_{300}^{(10)}m_{121}^{(21)}\\
&-m_{002}^{(21)}m_{300}^{(10)}m_{112}^{(11)}+2m_{002}^{(21)}m_{300}^{(10)}m_{022}^{(10)}+m_{002}^{(21)}m_{300}^{(11)}m_{211}^{(21)}+m_{002}^{(21)}m_{300}^{(11)}m_{202}^{(11)}\\
&-2m_{002}^{(21)}m_{300}^{(11)}m_{112}^{(10)}+m_{002}^{(21)}m_{300}^{(20)}m_{130}^{(21)}+m_{002}^{(21)}m_{300}^{(20)}m_{121}^{(11)}-2m_{002}^{(21)}m_{300}^{(20)}m_{031}^{(10)}\\
&-m_{002}^{(21)}m_{300}^{(21)}m_{220}^{(21)}-m_{002}^{(21)}m_{300}^{(21)}m_{211}^{(11)}+2m_{002}^{(21)}m_{300}^{(21)}m_{121}^{(10)}+m_{002}^{(21)}m_{210}^{(00)}m_{121}^{(21)}\\
&+m_{002}^{(21)}m_{210}^{(00)}m_{112}^{(11)}-2m_{002}^{(21)}m_{210}^{(00)}m_{022}^{(10)}-m_{002}^{(21)}m_{210}^{(10)}m_{202}^{(11)}+m_{002}^{(21)}m_{210}^{(10)}m_{121}^{(20)}\\
&+2m_{002}^{(21)}m_{210}^{(10)}m_{112}^{(10)}-2m_{002}^{(21)}m_{210}^{(10)}m_{022}^{(00)}-m_{002}^{(21)}m_{210}^{(11)}m_{301}^{(21)}-m_{002}^{(21)}m_{210}^{(11)}m_{211}^{(20)}\\
&+2m_{002}^{(21)}m_{210}^{(11)}m_{112}^{(00)}-2m_{002}^{(21)}m_{210}^{(20)}m_{220}^{(21)}-m_{002}^{(21)}m_{210}^{(20)}m_{211}^{(11)}-m_{002}^{(21)}m_{210}^{(20)}m_{130}^{(20)}\\
&+2m_{002}^{(21)}m_{210}^{(20)}m_{121}^{(10)}+2m_{002}^{(21)}m_{210}^{(20)}m_{031}^{(00)}+2m_{002}^{(21)}m_{210}^{(21)}m_{310}^{(21)}+m_{002}^{(21)}m_{210}^{(21)}m_{301}^{(11)}\\
&+m_{002}^{(21)}m_{210}^{(21)}m_{220}^{(20)}-2m_{002}^{(21)}m_{210}^{(21)}m_{211}^{(10)}-2m_{002}^{(21)}m_{210}^{(21)}m_{121}^{(00)}-m_{002}^{(21)}m_{201}^{(00)}m_{130}^{(21)}\\
&-m_{002}^{(21)}m_{201}^{(00)}m_{121}^{(11)}+2m_{002}^{(21)}m_{201}^{(00)}m_{031}^{(10)}+2m_{002}^{(21)}m_{201}^{(10)}m_{220}^{(21)}+3m_{002}^{(21)}m_{201}^{(10)}m_{211}^{(11)}\\
&-5m_{002}^{(21)}m_{201}^{(10)}m_{121}^{(10)}-m_{002}^{(21)}m_{201}^{(11)}m_{310}^{(21)}-2m_{002}^{(21)}m_{201}^{(11)}m_{301}^{(11)}+3m_{002}^{(21)}m_{201}^{(11)}m_{211}^{(10)}\\
&-m_{002}^{(21)}m_{201}^{(20)}m_{220}^{(11)}+m_{002}^{(21)}m_{201}^{(20)}m_{130}^{(10)}+m_{002}^{(21)}m_{201}^{(21)}m_{310}^{(11)}-m_{002}^{(21)}m_{201}^{(21)}m_{220}^{(10)}\\
&-m_{002}^{(21)}m_{120}^{(00)}m_{211}^{(21)}-m_{002}^{(21)}m_{120}^{(00)}m_{121}^{(20)}+2m_{002}^{(21)}m_{120}^{(00)}m_{022}^{(00)}+m_{002}^{(21)}m_{120}^{(10)}m_{301}^{(21)}\\
&-m_{002}^{(21)}m_{120}^{(10)}m_{112}^{(00)}+m_{002}^{(21)}m_{120}^{(11)}m_{301}^{(20)}-m_{002}^{(21)}m_{120}^{(11)}m_{202}^{(00)}+m_{002}^{(21)}m_{120}^{(20)}m_{310}^{(21)}\\
&+2m_{002}^{(21)}m_{120}^{(20)}m_{220}^{(20)}-3m_{002}^{(21)}m_{120}^{(20)}m_{121}^{(00)}-m_{002}^{(21)}m_{120}^{(21)}m_{400}^{(21)}-2m_{002}^{(21)}m_{120}^{(21)}m_{310}^{(20)}\\
&+3m_{002}^{(21)}m_{120}^{(21)}m_{211}^{(00)}+m_{002}^{(21)}m_{111}^{(00)}m_{220}^{(21)}-m_{002}^{(21)}m_{111}^{(00)}m_{211}^{(11)}+m_{002}^{(21)}m_{111}^{(00)}m_{130}^{(20)}\\
&+m_{002}^{(21)}m_{111}^{(00)}m_{121}^{(10)}-2m_{002}^{(21)}m_{111}^{(00)}m_{031}^{(00)}-2m_{002}^{(21)}m_{111}^{(10)}m_{310}^{(21)}+m_{002}^{(21)}m_{111}^{(10)}m_{301}^{(11)}\\
&-2m_{002}^{(21)}m_{111}^{(10)}m_{220}^{(20)}-2m_{002}^{(21)}m_{111}^{(10)}m_{211}^{(10)}+5m_{002}^{(21)}m_{111}^{(10)}m_{121}^{(00)}+m_{002}^{(21)}m_{111}^{(11)}m_{400}^{(21)}\\
&+m_{002}^{(21)}m_{111}^{(11)}m_{310}^{(20)}+m_{002}^{(21)}m_{111}^{(11)}m_{301}^{(10)}-3m_{002}^{(21)}m_{111}^{(11)}m_{211}^{(00)}+m_{002}^{(21)}m_{111}^{(20)}m_{310}^{(11)}\\
&-m_{002}^{(21)}m_{111}^{(20)}m_{130}^{(00)}-m_{002}^{(21)}m_{111}^{(21)}m_{400}^{(11)}+m_{002}^{(21)}m_{111}^{(21)}m_{220}^{(00)}+m_{002}^{(21)}m_{102}^{(00)}m_{220}^{(11)}\\
&-m_{002}^{(21)}m_{102}^{(00)}m_{130}^{(10)}-2m_{002}^{(21)}m_{102}^{(10)}m_{310}^{(11)}+2m_{002}^{(21)}m_{102}^{(10)}m_{220}^{(10)}+m_{002}^{(21)}m_{102}^{(11)}m_{400}^{(11)}\\
&-m_{002}^{(21)}m_{102}^{(11)}m_{310}^{(10)}+m_{002}^{(21)}m_{030}^{(00)}m_{211}^{(20)}-m_{002}^{(21)}m_{030}^{(00)}m_{112}^{(00)}-m_{002}^{(21)}m_{030}^{(10)}m_{301}^{(20)}\\
&+m_{002}^{(21)}m_{030}^{(10)}m_{202}^{(00)}-m_{002}^{(21)}m_{030}^{(20)}m_{310}^{(20)}+m_{002}^{(21)}m_{030}^{(20)}m_{211}^{(00)}+m_{002}^{(21)}m_{030}^{(21)}m_{400}^{(20)}
\end{aligned}
$$

$$
\begin{aligned}
&-m_{002}^{(21)}m_{030}^{(21)}m_{301}^{(00)} - m_{002}^{(21)}m_{021}^{(00)}m_{220}^{(20)} + m_{002}^{(21)}m_{021}^{(00)}m_{211}^{(10)} + 2m_{002}^{(21)}m_{021}^{(10)}m_{310}^{(20)}\\
&-m_{002}^{(21)}m_{021}^{(10)}m_{301}^{(10)} - m_{002}^{(21)}m_{021}^{(10)}m_{211}^{(00)} - m_{002}^{(21)}m_{021}^{(11)}m_{400}^{(20)} + m_{002}^{(21)}m_{021}^{(11)}m_{301}^{(00)}\\
&-m_{002}^{(21)}m_{021}^{(20)}m_{310}^{(10)} + m_{002}^{(21)}m_{021}^{(20)}m_{220}^{(00)} + m_{002}^{(21)}m_{021}^{(21)}m_{400}^{(10)} - m_{002}^{(21)}m_{021}^{(21)}m_{310}^{(00)}\\
&-m_{002}^{(21)}m_{012}^{(00)}m_{220}^{(10)} + m_{002}^{(21)}m_{012}^{(00)}m_{130}^{(00)} + 2m_{002}^{(21)}m_{012}^{(10)}m_{310}^{(10)} - 2m_{002}^{(21)}m_{012}^{(10)}m_{220}^{(00)}\\
&-m_{002}^{(21)}m_{012}^{(11)}m_{400}^{(10)} + m_{002}^{(21)}m_{012}^{(11)}m_{310}^{(00)} + m_{002}^{(22)}m_{300}^{(10)}m_{121}^{(11)} - m_{002}^{(22)}m_{300}^{(10)}m_{031}^{(10)}\\
&-m_{002}^{(22)}m_{300}^{(11)}m_{211}^{(11)} + m_{002}^{(22)}m_{300}^{(11)}m_{121}^{(10)} - m_{002}^{(22)}m_{300}^{(20)}m_{130}^{(11)} + m_{002}^{(22)}m_{300}^{(20)}m_{040}^{(10)}\\
&+m_{002}^{(22)}m_{300}^{(21)}m_{220}^{(11)} - m_{002}^{(22)}m_{300}^{(21)}m_{130}^{(10)} - m_{002}^{(22)}m_{210}^{(00)}m_{121}^{(11)} + m_{002}^{(22)}m_{210}^{(00)}m_{031}^{(10)}\\
&-m_{002}^{(22)}m_{210}^{(10)}m_{121}^{(10)} + m_{002}^{(22)}m_{210}^{(10)}m_{031}^{(00)} + m_{002}^{(22)}m_{210}^{(11)}m_{301}^{(11)} - m_{002}^{(22)}m_{210}^{(11)}m_{121}^{(00)}\\
&+2m_{002}^{(22)}m_{210}^{(20)}m_{220}^{(11)} - m_{002}^{(22)}m_{210}^{(20)}m_{130}^{(10)} - m_{002}^{(22)}m_{210}^{(20)}m_{040}^{(00)} - 2m_{002}^{(22)}m_{210}^{(21)}m_{310}^{(11)}\\
&+m_{002}^{(22)}m_{210}^{(21)}m_{220}^{(10)} + m_{002}^{(22)}m_{210}^{(21)}m_{130}^{(00)} + m_{002}^{(22)}m_{201}^{(00)}m_{130}^{(11)} - m_{002}^{(22)}m_{201}^{(00)}m_{040}^{(10)}\\
&-2m_{002}^{(22)}m_{201}^{(10)}m_{220}^{(11)} + 2m_{002}^{(22)}m_{201}^{(10)}m_{130}^{(10)} + m_{002}^{(22)}m_{201}^{(11)}m_{310}^{(11)} - m_{002}^{(22)}m_{201}^{(11)}m_{220}^{(10)}\\
&+m_{002}^{(22)}m_{120}^{(00)}m_{211}^{(11)} - m_{002}^{(22)}m_{120}^{(00)}m_{031}^{(00)} - m_{002}^{(22)}m_{120}^{(10)}m_{301}^{(11)} + m_{002}^{(22)}m_{120}^{(10)}m_{211}^{(10)}\\
&-m_{002}^{(22)}m_{120}^{(11)}m_{301}^{(10)} + m_{002}^{(22)}m_{120}^{(11)}m_{211}^{(00)} - m_{002}^{(22)}m_{120}^{(20)}m_{310}^{(11)} - m_{002}^{(22)}m_{120}^{(20)}m_{220}^{(10)}\\
&+2m_{002}^{(22)}m_{120}^{(20)}m_{130}^{(00)} + m_{002}^{(22)}m_{120}^{(21)}m_{400}^{(11)} + m_{002}^{(22)}m_{120}^{(21)}m_{310}^{(10)} - 2m_{002}^{(22)}m_{120}^{(21)}m_{220}^{(00)}\\
&-m_{002}^{(22)}m_{111}^{(00)}m_{220}^{(11)} + m_{002}^{(22)}m_{111}^{(00)}m_{040}^{(00)} + 2m_{002}^{(22)}m_{111}^{(10)}m_{310}^{(11)} - 2m_{002}^{(22)}m_{111}^{(10)}m_{130}^{(00)}\\
&-m_{002}^{(22)}m_{111}^{(11)}m_{400}^{(11)} + m_{002}^{(22)}m_{111}^{(11)}m_{220}^{(00)} - m_{002}^{(22)}m_{030}^{(00)}m_{211}^{(10)} + m_{002}^{(22)}m_{030}^{(00)}m_{121}^{(00)}\\
&+m_{002}^{(22)}m_{030}^{(10)}m_{301}^{(10)} - m_{002}^{(22)}m_{030}^{(10)}m_{211}^{(00)} + m_{002}^{(22)}m_{030}^{(20)}m_{310}^{(10)} - m_{002}^{(22)}m_{030}^{(20)}m_{220}^{(00)}\\
&-m_{002}^{(22)}m_{030}^{(21)}m_{400}^{(10)} + m_{002}^{(22)}m_{030}^{(21)}m_{310}^{(00)} + m_{002}^{(22)}m_{021}^{(00)}m_{220}^{(10)} - m_{002}^{(22)}m_{021}^{(00)}m_{130}^{(00)}\\
&-2m_{002}^{(22)}m_{021}^{(10)}m_{310}^{(10)} + 2m_{002}^{(22)}m_{021}^{(10)}m_{220}^{(00)} + m_{002}^{(22)}m_{021}^{(11)}m_{400}^{(10)} - m_{002}^{(22)}m_{021}^{(11)}m_{310}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{rrrrr}
V1 & 1 & 1 & V1 & 1\\
1 & 2 & V2 & 2 & V3\\
V2 & V3 & 3 & 3 & 3
\end{array}
$$



$$
\begin{aligned}
T_{131} \;=\;& m_{200}^{(00)}m_{120}^{(11)}m_{013}^{(22)} - m_{200}^{(00)}m_{120}^{(11)}m_{004}^{(21)} - m_{200}^{(00)}m_{120}^{(21)}m_{022}^{(22)} + m_{200}^{(00)}m_{120}^{(21)}m_{004}^{(11)}\\
&+m_{200}^{(00)}m_{120}^{(22)}m_{022}^{(21)} - m_{200}^{(00)}m_{120}^{(22)}m_{013}^{(11)} - 2m_{200}^{(00)}m_{111}^{(11)}m_{022}^{(22)} + 2m_{200}^{(00)}m_{111}^{(11)}m_{013}^{(21)}\\
&+2m_{200}^{(00)}m_{111}^{(21)}m_{031}^{(22)} - 2m_{200}^{(00)}m_{111}^{(21)}m_{013}^{(11)} - 2m_{200}^{(00)}m_{111}^{(22)}m_{031}^{(21)} + 2m_{200}^{(00)}m_{111}^{(22)}m_{022}^{(11)}\\
&+m_{200}^{(00)}m_{102}^{(11)}m_{031}^{(22)} - m_{200}^{(00)}m_{102}^{(11)}m_{022}^{(21)} - m_{200}^{(00)}m_{102}^{(21)}m_{040}^{(22)} + m_{200}^{(00)}m_{102}^{(21)}m_{022}^{(11)}
\end{aligned}
$$

$$
\begin{aligned}
&+m_{200}^{(00)}m_{102}^{(22)}m_{040}^{(21)} - m_{200}^{(00)}m_{102}^{(22)}m_{031}^{(11)} - m_{200}^{(00)}m_{030}^{(10)}m_{013}^{(22)} + m_{200}^{(00)}m_{030}^{(10)}m_{004}^{(21)}\\
&+m_{200}^{(00)}m_{030}^{(20)}m_{022}^{(22)} - m_{200}^{(00)}m_{030}^{(20)}m_{013}^{(21)} + m_{200}^{(00)}m_{030}^{(21)}m_{013}^{(20)} - m_{200}^{(00)}m_{030}^{(21)}m_{004}^{(10)}\\
&-m_{200}^{(00)}m_{030}^{(22)}m_{022}^{(20)} + m_{200}^{(00)}m_{030}^{(22)}m_{013}^{(10)} + 2m_{200}^{(00)}m_{021}^{(10)}m_{022}^{(22)} - m_{200}^{(00)}m_{021}^{(10)}m_{013}^{(21)}\\
&-m_{200}^{(00)}m_{021}^{(10)}m_{004}^{(11)} - m_{200}^{(00)}m_{021}^{(11)}m_{013}^{(20)} + m_{200}^{(00)}m_{021}^{(11)}m_{004}^{(10)} - 2m_{200}^{(00)}m_{021}^{(11)}m_{031}^{(22)}\\
&+m_{200}^{(00)}m_{021}^{(20)}m_{022}^{(21)} + m_{200}^{(00)}m_{021}^{(20)}m_{013}^{(11)} - m_{200}^{(00)}m_{021}^{(21)}m_{022}^{(20)} + m_{200}^{(00)}m_{021}^{(21)}m_{013}^{(10)}\\
&+2m_{200}^{(00)}m_{021}^{(22)}m_{031}^{(20)} - 2m_{200}^{(00)}m_{021}^{(22)}m_{022}^{(10)} - m_{200}^{(00)}m_{012}^{(10)}m_{031}^{(22)} - m_{200}^{(00)}m_{012}^{(10)}m_{022}^{(21)}\\
&+2m_{200}^{(00)}m_{012}^{(10)}m_{013}^{(11)} + 2m_{200}^{(00)}m_{012}^{(11)}m_{022}^{(20)} - 2m_{200}^{(00)}m_{012}^{(11)}m_{013}^{(10)} + m_{200}^{(00)}m_{012}^{(20)}m_{040}^{(22)}\\
&+m_{200}^{(00)}m_{012}^{(20)}m_{031}^{(21)} - 2m_{200}^{(00)}m_{012}^{(20)}m_{022}^{(11)} - m_{200}^{(00)}m_{012}^{(21)}m_{031}^{(20)} + m_{200}^{(00)}m_{012}^{(21)}m_{022}^{(10)}\\
&-m_{200}^{(00)}m_{012}^{(22)}m_{040}^{(20)} + m_{200}^{(00)}m_{012}^{(22)}m_{031}^{(10)} + m_{200}^{(00)}m_{003}^{(10)}m_{031}^{(21)} - m_{200}^{(00)}m_{003}^{(10)}m_{022}^{(11)}\\
&-m_{200}^{(00)}m_{003}^{(11)}m_{031}^{(20)} + m_{200}^{(00)}m_{003}^{(11)}m_{022}^{(10)} - m_{200}^{(00)}m_{003}^{(20)}m_{040}^{(21)} + m_{200}^{(00)}m_{003}^{(20)}m_{031}^{(11)}\\
&+m_{200}^{(00)}m_{003}^{(21)}m_{040}^{(20)} - m_{200}^{(00)}m_{003}^{(21)}m_{031}^{(10)} - m_{200}^{(10)}m_{210}^{(11)}m_{013}^{(22)} + m_{200}^{(10)}m_{210}^{(11)}m_{004}^{(21)}\\
&+m_{200}^{(10)}m_{210}^{(21)}m_{022}^{(22)} - m_{200}^{(10)}m_{210}^{(21)}m_{013}^{(11)} - m_{200}^{(10)}m_{210}^{(22)}m_{004}^{(21)} - m_{200}^{(10)}m_{210}^{(22)}m_{022}^{(11)}\\
&+m_{200}^{(10)}m_{201}^{(11)}m_{022}^{(22)} - m_{200}^{(10)}m_{201}^{(11)}m_{013}^{(21)} - m_{200}^{(10)}m_{201}^{(21)}m_{031}^{(22)} + m_{200}^{(10)}m_{201}^{(21)}m_{013}^{(11)}\\
&+m_{200}^{(10)}m_{201}^{(22)}m_{031}^{(21)} - m_{200}^{(10)}m_{201}^{(22)}m_{022}^{(11)} + m_{200}^{(10)}m_{120}^{(10)}m_{013}^{(22)} - m_{200}^{(10)}m_{120}^{(10)}m_{004}^{(21)}\\
&-m_{200}^{(10)}m_{120}^{(11)}m_{103}^{(22)} + m_{200}^{(10)}m_{120}^{(11)}m_{004}^{(20)} - m_{200}^{(10)}m_{120}^{(20)}m_{022}^{(22)} + m_{200}^{(10)}m_{120}^{(20)}m_{013}^{(21)}\\
&+m_{200}^{(10)}m_{120}^{(21)}m_{112}^{(22)} + m_{200}^{(10)}m_{120}^{(21)}m_{103}^{(21)} - 2m_{200}^{(10)}m_{120}^{(21)}m_{013}^{(20)} - m_{200}^{(10)}m_{120}^{(22)}m_{112}^{(21)}\\
&+m_{200}^{(10)}m_{120}^{(22)}m_{022}^{(20)} - m_{200}^{(10)}m_{111}^{(10)}m_{022}^{(22)} + m_{200}^{(10)}m_{111}^{(10)}m_{004}^{(11)} + 3m_{200}^{(10)}m_{111}^{(11)}m_{112}^{(22)}\\
&-m_{200}^{(10)}m_{111}^{(11)}m_{103}^{(21)} - m_{200}^{(10)}m_{111}^{(11)}m_{013}^{(20)} - m_{200}^{(10)}m_{111}^{(11)}m_{004}^{(10)} + m_{200}^{(10)}m_{111}^{(20)}m_{031}^{(22)}\\
&-m_{200}^{(10)}m_{111}^{(20)}m_{013}^{(11)} - 3m_{200}^{(10)}m_{111}^{(21)}m_{121}^{(22)} - 2m_{200}^{(10)}m_{111}^{(21)}m_{112}^{(21)} + m_{200}^{(10)}m_{111}^{(21)}m_{103}^{(11)}\\
&+2m_{200}^{(10)}m_{111}^{(21)}m_{022}^{(20)} + 2m_{200}^{(10)}m_{111}^{(21)}m_{013}^{(10)} + 3m_{200}^{(10)}m_{111}^{(22)}m_{121}^{(21)} - m_{200}^{(10)}m_{111}^{(22)}m_{112}^{(11)}\\
&-m_{200}^{(10)}m_{111}^{(22)}m_{031}^{(20)} - m_{200}^{(10)}m_{111}^{(22)}m_{022}^{(10)} + m_{200}^{(10)}m_{102}^{(10)}m_{022}^{(21)} - m_{200}^{(10)}m_{102}^{(10)}m_{013}^{(11)}\\
&-2m_{200}^{(10)}m_{102}^{(11)}m_{121}^{(22)} + m_{200}^{(10)}m_{102}^{(11)}m_{112}^{(21)} + m_{200}^{(10)}m_{102}^{(11)}m_{013}^{(10)} - m_{200}^{(10)}m_{102}^{(20)}m_{031}^{(21)}\\
&+m_{200}^{(10)}m_{102}^{(20)}m_{022}^{(11)} + 2m_{200}^{(10)}m_{102}^{(21)}m_{130}^{(22)} + m_{200}^{(10)}m_{102}^{(21)}m_{121}^{(21)} - m_{200}^{(10)}m_{102}^{(21)}m_{112}^{(11)}\\
&-2m_{200}^{(10)}m_{102}^{(21)}m_{022}^{(10)} - 2m_{200}^{(10)}m_{102}^{(22)}m_{130}^{(21)} + m_{200}^{(10)}m_{102}^{(22)}m_{121}^{(11)} + m_{200}^{(10)}m_{102}^{(22)}m_{031}^{(10)}\\
&+m_{200}^{(10)}m_{030}^{(10)}m_{103}^{(22)} - m_{200}^{(10)}m_{030}^{(10)}m_{004}^{(20)} - m_{200}^{(10)}m_{030}^{(20)}m_{112}^{(22)} + m_{200}^{(10)}m_{030}^{(20)}m_{013}^{(20)}\\
&-m_{200}^{(10)}m_{030}^{(21)}m_{103}^{(20)} + m_{200}^{(10)}m_{030}^{(21)}m_{004}^{(00)} + m_{200}^{(10)}m_{030}^{(22)}m_{112}^{(20)} - m_{200}^{(10)}m_{030}^{(22)}m_{013}^{(00)}\\
&-3m_{200}^{(10)}m_{021}^{(10)}m_{112}^{(22)} + 2m_{200}^{(10)}m_{021}^{(10)}m_{013}^{(20)} + m_{200}^{(10)}m_{021}^{(10)}m_{004}^{(10)} + m_{200}^{(10)}m_{021}^{(11)}m_{103}^{(20)}\\
&-m_{200}^{(10)}m_{021}^{(11)}m_{004}^{(00)} + 3m_{200}^{(10)}m_{021}^{(20)}m_{121}^{(22)} - 2m_{200}^{(10)}m_{021}^{(20)}m_{022}^{(20)} - m_{200}^{(10)}m_{021}^{(20)}m_{013}^{(10)}\\
&+2m_{200}^{(10)}m_{021}^{(21)}m_{112}^{(20)} - m_{200}^{(10)}m_{021}^{(21)}m_{103}^{(10)} - m_{200}^{(10)}m_{021}^{(21)}m_{013}^{(00)} - 3m_{200}^{(10)}m_{021}^{(22)}m_{121}^{(20)}\\
&+m_{200}^{(10)}m_{021}^{(22)}m_{112}^{(10)} + 2m_{200}^{(10)}m_{021}^{(22)}m_{022}^{(00)} + 2m_{200}^{(10)}m_{012}^{(10)}m_{121}^{(22)} + 2m_{200}^{(10)}m_{012}^{(10)}m_{112}^{(21)}\\
&-m_{200}^{(10)}m_{012}^{(10)}m_{103}^{(11)} - m_{200}^{(10)}m_{012}^{(10)}m_{022}^{(20)} - 2m_{200}^{(10)}m_{012}^{(10)}m_{013}^{(10)} - 3m_{200}^{(10)}m_{012}^{(11)}m_{112}^{(20)}\\
&+m_{200}^{(10)}m_{012}^{(11)}m_{103}^{(10)} + 2m_{200}^{(10)}m_{012}^{(11)}m_{013}^{(00)} - 2m_{200}^{(10)}m_{012}^{(20)}m_{130}^{(22)} - 2m_{200}^{(10)}m_{012}^{(20)}m_{121}^{(21)}\\
&+m_{200}^{(10)}m_{012}^{(20)}m_{112}^{(11)} + m_{200}^{(10)}m_{012}^{(20)}m_{031}^{(20)} + 2m_{200}^{(10)}m_{012}^{(20)}m_{022}^{(10)} + m_{200}^{(10)}m_{012}^{(21)}m_{121}^{(20)}\\
&-m_{200}^{(10)}m_{012}^{(21)}m_{022}^{(00)} + 2m_{200}^{(10)}m_{012}^{(22)}m_{130}^{(20)} - m_{200}^{(10)}m_{012}^{(22)}m_{121}^{(10)} - m_{200}^{(10)}m_{012}^{(22)}m_{031}^{(00)}\\
&-2m_{200}^{(10)}m_{003}^{(10)}m_{121}^{(21)} + m_{200}^{(10)}m_{003}^{(10)}m_{112}^{(11)} + m_{200}^{(10)}m_{003}^{(10)}m_{022}^{(10)} + 2m_{200}^{(10)}m_{003}^{(11)}m_{121}^{(20)}\\
&-m_{200}^{(10)}m_{003}^{(11)}m_{112}^{(10)} - m_{200}^{(10)}m_{003}^{(11)}m_{022}^{(00)} + 2m_{200}^{(10)}m_{003}^{(20)}m_{130}^{(21)} - m_{200}^{(10)}m_{003}^{(20)}m_{121}^{(11)}\\
&-m_{200}^{(10)}m_{003}^{(20)}m_{031}^{(10)} - 2m_{200}^{(10)}m_{003}^{(21)}m_{130}^{(20)} + m_{200}^{(10)}m_{003}^{(21)}m_{121}^{(10)} + m_{200}^{(10)}m_{003}^{(21)}m_{031}^{(00)}\\
&+m_{200}^{(11)}m_{210}^{(11)}m_{103}^{(22)} - m_{200}^{(11)}m_{210}^{(11)}m_{004}^{(20)} - m_{200}^{(11)}m_{210}^{(21)}m_{112}^{(22)} - m_{200}^{(11)}m_{210}^{(21)}m_{103}^{(21)}
\end{aligned}
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\begin{aligned}
&+m_{200}^{(11)}m_{210}^{(21)}m_{013}^{(20)}+m_{200}^{(11)}m_{210}^{(21)}m_{004}^{(10)}+m_{200}^{(11)}m_{210}^{(22)}m_{112}^{(21)}-m_{200}^{(11)}m_{210}^{(22)}m_{013}^{(10)}\\
&-m_{200}^{(11)}m_{201}^{(11)}m_{112}^{(22)}+m_{200}^{(11)}m_{201}^{(11)}m_{013}^{(20)}+m_{200}^{(11)}m_{201}^{(21)}m_{121}^{(22)}+m_{200}^{(11)}m_{201}^{(21)}m_{112}^{(21)}\\
&-m_{200}^{(11)}m_{201}^{(21)}m_{022}^{(20)}-m_{200}^{(11)}m_{201}^{(21)}m_{013}^{(10)}-m_{200}^{(11)}m_{201}^{(22)}m_{121}^{(21)}+m_{200}^{(11)}m_{201}^{(22)}m_{022}^{(10)}\\
&-m_{200}^{(11)}m_{120}^{(10)}m_{103}^{(22)}+m_{200}^{(11)}m_{120}^{(10)}m_{004}^{(20)}+m_{200}^{(11)}m_{120}^{(20)}m_{112}^{(22)}-m_{200}^{(11)}m_{120}^{(20)}m_{013}^{(20)}\\
&+m_{200}^{(11)}m_{120}^{(21)}m_{103}^{(20)}-m_{200}^{(11)}m_{120}^{(21)}m_{004}^{(00)}-m_{200}^{(11)}m_{120}^{(22)}m_{112}^{(20)}+m_{200}^{(11)}m_{120}^{(22)}m_{013}^{(00)}\\
&+m_{200}^{(11)}m_{111}^{(10)}m_{112}^{(22)}+m_{200}^{(11)}m_{111}^{(10)}m_{103}^{(21)}-m_{200}^{(11)}m_{111}^{(10)}m_{013}^{(20)}-m_{200}^{(11)}m_{111}^{(10)}m_{004}^{(10)}\\
&-m_{200}^{(11)}m_{111}^{(11)}m_{202}^{(22)}+m_{200}^{(11)}m_{111}^{(11)}m_{004}^{(00)}-m_{200}^{(11)}m_{111}^{(20)}m_{121}^{(22)}-m_{200}^{(11)}m_{111}^{(20)}m_{112}^{(21)}\\
&+m_{200}^{(11)}m_{111}^{(20)}m_{022}^{(20)}+m_{200}^{(11)}m_{111}^{(20)}m_{013}^{(10)}+m_{200}^{(11)}m_{111}^{(21)}m_{211}^{(22)}+m_{200}^{(11)}m_{111}^{(21)}m_{202}^{(21)}\\
&-m_{200}^{(11)}m_{111}^{(21)}m_{112}^{(20)}-m_{200}^{(11)}m_{111}^{(21)}m_{103}^{(10)}-m_{200}^{(11)}m_{111}^{(22)}m_{211}^{(21)}+m_{200}^{(11)}m_{111}^{(22)}m_{121}^{(20)}\\
&+m_{200}^{(11)}m_{111}^{(22)}m_{112}^{(10)}-m_{200}^{(11)}m_{111}^{(22)}m_{022}^{(00)}-m_{200}^{(11)}m_{102}^{(10)}m_{112}^{(21)}+m_{200}^{(11)}m_{102}^{(10)}m_{013}^{(10)}\\
&+m_{200}^{(11)}m_{102}^{(11)}m_{211}^{(22)}-m_{200}^{(11)}m_{102}^{(11)}m_{013}^{(00)}+m_{200}^{(11)}m_{102}^{(20)}m_{121}^{(21)}-m_{200}^{(11)}m_{102}^{(20)}m_{022}^{(10)}\\
&-m_{200}^{(11)}m_{102}^{(21)}m_{220}^{(22)}-m_{200}^{(11)}m_{102}^{(21)}m_{211}^{(21)}+m_{200}^{(11)}m_{102}^{(21)}m_{112}^{(10)}+m_{200}^{(11)}m_{102}^{(21)}m_{022}^{(00)}\\
&+m_{200}^{(11)}m_{102}^{(22)}m_{220}^{(21)}-m_{200}^{(11)}m_{102}^{(22)}m_{121}^{(10)}+m_{200}^{(11)}m_{021}^{(10)}m_{202}^{(22)}-m_{200}^{(11)}m_{021}^{(10)}m_{103}^{(20)}\\
&-m_{200}^{(11)}m_{021}^{(20)}m_{211}^{(22)}+m_{200}^{(11)}m_{021}^{(20)}m_{112}^{(20)}-m_{200}^{(11)}m_{021}^{(21)}m_{202}^{(20)}+m_{200}^{(11)}m_{021}^{(21)}m_{103}^{(00)}\\
&+m_{200}^{(11)}m_{021}^{(22)}m_{211}^{(20)}-m_{200}^{(11)}m_{021}^{(22)}m_{112}^{(00)}-m_{200}^{(11)}m_{012}^{(10)}m_{211}^{(22)}-m_{200}^{(11)}m_{012}^{(10)}m_{112}^{(21)}\\
&+m_{200}^{(11)}m_{012}^{(10)}m_{112}^{(20)}+m_{200}^{(11)}m_{012}^{(10)}m_{103}^{(10)}+m_{200}^{(11)}m_{012}^{(11)}m_{202}^{(20)}-m_{200}^{(11)}m_{012}^{(11)}m_{103}^{(00)}\\
&+m_{200}^{(11)}m_{012}^{(20)}m_{220}^{(22)}+m_{200}^{(11)}m_{012}^{(20)}m_{211}^{(21)}-m_{200}^{(11)}m_{012}^{(20)}m_{121}^{(20)}-m_{200}^{(11)}m_{012}^{(20)}m_{112}^{(10)}\\
&-m_{200}^{(11)}m_{012}^{(22)}m_{220}^{(20)}+m_{200}^{(11)}m_{012}^{(22)}m_{121}^{(00)}+m_{200}^{(11)}m_{003}^{(10)}m_{211}^{(21)}-m_{200}^{(11)}m_{003}^{(10)}m_{112}^{(10)}\\
&-m_{200}^{(11)}m_{003}^{(11)}m_{211}^{(20)}+m_{200}^{(11)}m_{003}^{(11)}m_{112}^{(00)}-m_{200}^{(11)}m_{003}^{(20)}m_{220}^{(21)}+m_{200}^{(11)}m_{003}^{(20)}m_{121}^{(10)}\\
&+m_{200}^{(11)}m_{003}^{(21)}m_{220}^{(20)}-m_{200}^{(11)}m_{003}^{(21)}m_{121}^{(00)}+m_{200}^{(20)}m_{210}^{(11)}m_{022}^{(22)}-m_{200}^{(20)}m_{210}^{(11)}m_{013}^{(21)}\\
&-m_{200}^{(20)}m_{210}^{(21)}m_{031}^{(22)}+m_{200}^{(20)}m_{210}^{(21)}m_{013}^{(11)}+m_{200}^{(20)}m_{210}^{(22)}m_{031}^{(21)}-m_{200}^{(20)}m_{210}^{(22)}m_{022}^{(11)}\\
&-m_{200}^{(20)}m_{201}^{(11)}m_{031}^{(22)}+m_{200}^{(20)}m_{201}^{(11)}m_{022}^{(21)}+m_{200}^{(20)}m_{201}^{(21)}m_{040}^{(22)}-m_{200}^{(20)}m_{201}^{(21)}m_{022}^{(11)}\\
&-m_{200}^{(20)}m_{201}^{(22)}m_{040}^{(21)}+m_{200}^{(20)}m_{201}^{(22)}m_{031}^{(11)}-m_{200}^{(20)}m_{120}^{(10)}m_{022}^{(22)}+m_{200}^{(20)}m_{120}^{(10)}m_{013}^{(21)}\\
&-m_{200}^{(20)}m_{120}^{(11)}m_{112}^{(22)}+2m_{200}^{(20)}m_{120}^{(11)}m_{103}^{(21)}-m_{200}^{(20)}m_{120}^{(11)}m_{013}^{(20)}+m_{200}^{(20)}m_{120}^{(20)}m_{031}^{(22)}\\
&-m_{200}^{(20)}m_{120}^{(20)}m_{022}^{(21)}+m_{200}^{(20)}m_{120}^{(21)}m_{121}^{(22)}-m_{200}^{(20)}m_{120}^{(21)}m_{112}^{(21)}-2m_{200}^{(20)}m_{120}^{(21)}m_{103}^{(11)}\\
&+2m_{200}^{(20)}m_{120}^{(21)}m_{022}^{(20)}-m_{200}^{(20)}m_{120}^{(22)}m_{121}^{(21)}+2m_{200}^{(20)}m_{120}^{(22)}m_{112}^{(11)}-m_{200}^{(20)}m_{120}^{(22)}m_{031}^{(20)}\\
&+m_{200}^{(20)}m_{111}^{(10)}m_{031}^{(22)}-m_{200}^{(20)}m_{111}^{(10)}m_{013}^{(11)}+m_{200}^{(20)}m_{111}^{(11)}m_{121}^{(22)}-3m_{200}^{(20)}m_{111}^{(11)}m_{112}^{(21)}\\
&+m_{200}^{(20)}m_{111}^{(11)}m_{022}^{(20)}+m_{200}^{(20)}m_{111}^{(11)}m_{013}^{(10)}-m_{200}^{(20)}m_{111}^{(20)}m_{040}^{(22)}+m_{200}^{(20)}m_{111}^{(20)}m_{022}^{(11)}\\
&-m_{200}^{(20)}m_{111}^{(21)}m_{130}^{(22)}+2m_{200}^{(20)}m_{111}^{(21)}m_{121}^{(21)}+3m_{200}^{(20)}m_{111}^{(21)}m_{112}^{(11)}-2m_{200}^{(20)}m_{111}^{(21)}m_{031}^{(20)}\\
&-2m_{200}^{(20)}m_{111}^{(21)}m_{022}^{(10)}+m_{200}^{(20)}m_{111}^{(22)}m_{130}^{(21)}-3m_{200}^{(20)}m_{111}^{(22)}m_{121}^{(11)}+m_{200}^{(20)}m_{111}^{(22)}m_{040}^{(20)}\\
&+m_{200}^{(20)}m_{111}^{(22)}m_{031}^{(10)}-m_{200}^{(20)}m_{102}^{(10)}m_{031}^{(21)}+m_{200}^{(20)}m_{102}^{(10)}m_{022}^{(11)}+m_{200}^{(20)}m_{102}^{(11)}m_{121}^{(21)}\\
&-m_{200}^{(20)}m_{102}^{(11)}m_{022}^{(10)}+m_{200}^{(20)}m_{102}^{(20)}m_{040}^{(21)}-m_{200}^{(20)}m_{102}^{(20)}m_{031}^{(11)}-m_{200}^{(20)}m_{102}^{(21)}m_{130}^{(21)}\\
&-m_{200}^{(20)}m_{102}^{(21)}m_{121}^{(11)}+2m_{200}^{(20)}m_{102}^{(21)}m_{031}^{(10)}+m_{200}^{(20)}m_{102}^{(22)}m_{130}^{(11)}-m_{200}^{(20)}m_{102}^{(22)}m_{040}^{(10)}\\
&+m_{200}^{(20)}m_{030}^{(10)}m_{112}^{(22)}-2m_{200}^{(20)}m_{030}^{(10)}m_{103}^{(21)}+m_{200}^{(20)}m_{030}^{(10)}m_{013}^{(20)}-m_{200}^{(20)}m_{030}^{(20)}m_{121}^{(22)}\\
&+2m_{200}^{(20)}m_{030}^{(20)}m_{112}^{(21)}-m_{200}^{(20)}m_{030}^{(20)}m_{022}^{(20)}-m_{200}^{(20)}m_{030}^{(21)}m_{112}^{(20)}+2m_{200}^{(20)}m_{030}^{(21)}m_{103}^{(10)}\\
&-m_{200}^{(20)}m_{030}^{(21)}m_{013}^{(00)}+m_{200}^{(20)}m_{030}^{(22)}m_{121}^{(20)}-2m_{200}^{(20)}m_{030}^{(22)}m_{112}^{(10)}+m_{200}^{(20)}m_{030}^{(22)}m_{022}^{(00)}\\
&-m_{200}^{(20)}m_{021}^{(10)}m_{121}^{(22)}+2m_{200}^{(20)}m_{021}^{(10)}m_{112}^{(21)}+2m_{200}^{(20)}m_{021}^{(10)}m_{103}^{(11)}-2m_{200}^{(20)}m_{021}^{(10)}m_{022}^{(20)}\\
&-m_{200}^{(20)}m_{021}^{(10)}m_{013}^{(10)}+m_{200}^{(20)}m_{021}^{(11)}m_{112}^{(20)}-2m_{200}^{(20)}m_{021}^{(11)}m_{103}^{(10)}+m_{200}^{(20)}m_{021}^{(11)}m_{013}^{(00)}
\end{aligned}
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\begin{aligned}
&+m_{200}^{(20)}m_{021}^{(20)}m_{130}^{(22)} - 2m_{200}^{(20)}m_{021}^{(20)}m_{121}^{(21)} - 2m_{200}^{(20)}m_{021}^{(20)}m_{112}^{(11)} + 2m_{200}^{(20)}m_{021}^{(20)}m_{031}^{(20)}\\
&+m_{200}^{(20)}m_{021}^{(20)}m_{022}^{(10)} - m_{200}^{(20)}m_{021}^{(21)}m_{112}^{(10)} + m_{200}^{(20)}m_{021}^{(21)}m_{022}^{(00)} - m_{200}^{(20)}m_{021}^{(22)}m_{130}^{(20)}\\
&+3m_{200}^{(20)}m_{021}^{(22)}m_{121}^{(10)} - 2m_{200}^{(20)}m_{021}^{(22)}m_{031}^{(00)} - 3m_{200}^{(20)}m_{012}^{(10)}m_{112}^{(11)} + m_{200}^{(20)}m_{012}^{(10)}m_{031}^{(20)}\\
&+2m_{200}^{(20)}m_{012}^{(10)}m_{022}^{(10)} - m_{200}^{(20)}m_{012}^{(11)}m_{121}^{(20)} + 3m_{200}^{(20)}m_{012}^{(11)}m_{112}^{(10)} - 2m_{200}^{(20)}m_{012}^{(11)}m_{022}^{(00)}\\
&+3m_{200}^{(20)}m_{012}^{(20)}m_{121}^{(11)} - m_{200}^{(20)}m_{012}^{(20)}m_{040}^{(20)} - 2m_{200}^{(20)}m_{012}^{(20)}m_{031}^{(10)} + m_{200}^{(20)}m_{012}^{(21)}m_{130}^{(20)}\\
&-2m_{200}^{(20)}m_{012}^{(21)}m_{121}^{(10)} + m_{200}^{(20)}m_{012}^{(21)}m_{031}^{(00)} - m_{200}^{(20)}m_{012}^{(22)}m_{130}^{(10)} + m_{200}^{(20)}m_{012}^{(22)}m_{040}^{(00)}\\
&+m_{200}^{(20)}m_{003}^{(10)}m_{121}^{(11)} - m_{200}^{(20)}m_{003}^{(10)}m_{031}^{(10)} - m_{200}^{(20)}m_{003}^{(11)}m_{121}^{(10)} + m_{200}^{(20)}m_{003}^{(11)}m_{031}^{(00)}\\
&-m_{200}^{(20)}m_{003}^{(20)}m_{130}^{(11)} + m_{200}^{(20)}m_{003}^{(20)}m_{040}^{(10)} + m_{200}^{(20)}m_{003}^{(21)}m_{130}^{(10)} - m_{200}^{(20)}m_{003}^{(21)}m_{040}^{(00)}\\
&-m_{200}^{(21)}m_{210}^{(11)}m_{112}^{(22)} - m_{200}^{(21)}m_{210}^{(11)}m_{103}^{(21)} + 2m_{200}^{(21)}m_{210}^{(11)}m_{013}^{(20)} + m_{200}^{(21)}m_{210}^{(21)}m_{121}^{(22)}\\
&+2m_{200}^{(21)}m_{210}^{(21)}m_{112}^{(21)} + m_{200}^{(21)}m_{210}^{(21)}m_{103}^{(11)} - 2m_{200}^{(21)}m_{210}^{(21)}m_{022}^{(20)} - 2m_{200}^{(21)}m_{210}^{(21)}m_{013}^{(10)}\\
&-m_{200}^{(21)}m_{210}^{(22)}m_{121}^{(21)} - m_{200}^{(21)}m_{210}^{(22)}m_{112}^{(11)} + 2m_{200}^{(21)}m_{210}^{(22)}m_{022}^{(10)} + m_{200}^{(21)}m_{201}^{(11)}m_{121}^{(22)}\\
&+m_{200}^{(21)}m_{201}^{(11)}m_{112}^{(21)} - 2m_{200}^{(21)}m_{201}^{(11)}m_{022}^{(20)} - m_{200}^{(21)}m_{201}^{(21)}m_{130}^{(22)} - 2m_{200}^{(21)}m_{201}^{(21)}m_{121}^{(21)}\\
&-m_{200}^{(21)}m_{201}^{(21)}m_{112}^{(11)} + 2m_{200}^{(21)}m_{201}^{(21)}m_{031}^{(20)} + 2m_{200}^{(21)}m_{201}^{(21)}m_{022}^{(10)} + m_{200}^{(21)}m_{201}^{(22)}m_{130}^{(21)}\\
&+m_{200}^{(21)}m_{201}^{(22)}m_{121}^{(11)} - 2m_{200}^{(21)}m_{201}^{(22)}m_{031}^{(10)} + m_{200}^{(21)}m_{120}^{(10)}m_{112}^{(22)} + m_{200}^{(21)}m_{120}^{(10)}m_{103}^{(21)}\\
&-2m_{200}^{(21)}m_{120}^{(10)}m_{013}^{(20)} + m_{200}^{(21)}m_{120}^{(11)}m_{202}^{(22)} - m_{200}^{(21)}m_{120}^{(11)}m_{103}^{(20)} - m_{200}^{(21)}m_{120}^{(20)}m_{121}^{(22)}\\
&-m_{200}^{(21)}m_{120}^{(20)}m_{112}^{(21)} + 2m_{200}^{(21)}m_{120}^{(20)}m_{022}^{(20)} - m_{200}^{(21)}m_{120}^{(21)}m_{211}^{(22)} - m_{200}^{(21)}m_{120}^{(21)}m_{202}^{(21)}\\
&+2m_{200}^{(21)}m_{120}^{(21)}m_{013}^{(00)} + m_{200}^{(21)}m_{120}^{(22)}m_{211}^{(21)} + m_{200}^{(21)}m_{120}^{(22)}m_{121}^{(20)} - 2m_{200}^{(21)}m_{120}^{(22)}m_{022}^{(00)}\\
&-m_{200}^{(21)}m_{111}^{(10)}m_{121}^{(22)} - 2m_{200}^{(21)}m_{111}^{(10)}m_{112}^{(21)} - m_{200}^{(21)}m_{111}^{(10)}m_{103}^{(11)} + 2m_{200}^{(21)}m_{111}^{(10)}m_{022}^{(20)}\\
&+2m_{200}^{(21)}m_{111}^{(10)}m_{013}^{(10)} - m_{200}^{(21)}m_{111}^{(11)}m_{211}^{(22)} + m_{200}^{(21)}m_{111}^{(11)}m_{202}^{(21)} + m_{200}^{(21)}m_{111}^{(11)}m_{112}^{(20)}\\
&+m_{200}^{(21)}m_{111}^{(11)}m_{103}^{(10)} - 2m_{200}^{(21)}m_{111}^{(11)}m_{013}^{(00)} + m_{200}^{(21)}m_{111}^{(20)}m_{130}^{(22)} + 2m_{200}^{(21)}m_{111}^{(20)}m_{121}^{(21)}\\
&+m_{200}^{(21)}m_{111}^{(20)}m_{112}^{(11)} - 2m_{200}^{(21)}m_{111}^{(20)}m_{031}^{(20)} - 2m_{200}^{(21)}m_{111}^{(20)}m_{022}^{(10)} + m_{200}^{(21)}m_{111}^{(21)}m_{220}^{(22)}\\
&-m_{200}^{(21)}m_{111}^{(21)}m_{202}^{(11)} - m_{200}^{(21)}m_{111}^{(22)}m_{220}^{(21)} + m_{200}^{(21)}m_{111}^{(22)}m_{211}^{(11)} - m_{200}^{(21)}m_{111}^{(22)}m_{130}^{(20)}\\
&-m_{200}^{(21)}m_{111}^{(22)}m_{121}^{(10)} + 2m_{200}^{(21)}m_{111}^{(22)}m_{031}^{(00)} + m_{200}^{(21)}m_{102}^{(10)}m_{121}^{(21)} + m_{200}^{(21)}m_{102}^{(10)}m_{112}^{(11)}\\
&-2m_{200}^{(21)}m_{102}^{(10)}m_{022}^{(10)} - m_{200}^{(21)}m_{102}^{(11)}m_{211}^{(21)} - m_{200}^{(21)}m_{102}^{(11)}m_{112}^{(10)} + 2m_{200}^{(21)}m_{102}^{(11)}m_{022}^{(00)}\\
&-m_{200}^{(21)}m_{102}^{(20)}m_{130}^{(21)} - m_{200}^{(21)}m_{102}^{(20)}m_{121}^{(11)} + 2m_{200}^{(21)}m_{102}^{(20)}m_{031}^{(10)} + m_{200}^{(21)}m_{102}^{(21)}m_{220}^{(21)}\\
&+m_{200}^{(21)}m_{102}^{(21)}m_{211}^{(11)} - 2m_{200}^{(21)}m_{102}^{(21)}m_{031}^{(00)} - m_{200}^{(21)}m_{102}^{(22)}m_{220}^{(11)} + m_{200}^{(21)}m_{102}^{(22)}m_{130}^{(10)}\\
&-m_{200}^{(21)}m_{030}^{(10)}m_{202}^{(22)} + m_{200}^{(21)}m_{030}^{(10)}m_{103}^{(20)} + m_{200}^{(21)}m_{030}^{(20)}m_{211}^{(22)} - m_{200}^{(21)}m_{030}^{(20)}m_{112}^{(20)}\\
&+m_{200}^{(21)}m_{030}^{(21)}m_{202}^{(20)} - m_{200}^{(21)}m_{030}^{(21)}m_{103}^{(00)} - m_{200}^{(21)}m_{030}^{(22)}m_{211}^{(20)} + m_{200}^{(21)}m_{030}^{(22)}m_{112}^{(00)}\\
&+m_{200}^{(21)}m_{021}^{(10)}m_{211}^{(22)} - m_{200}^{(21)}m_{021}^{(10)}m_{103}^{(10)} - m_{200}^{(21)}m_{021}^{(11)}m_{202}^{(20)} + m_{200}^{(21)}m_{021}^{(11)}m_{103}^{(00)}\\
&-m_{200}^{(21)}m_{021}^{(20)}m_{220}^{(22)} + m_{200}^{(21)}m_{021}^{(20)}m_{112}^{(10)} + m_{200}^{(21)}m_{021}^{(21)}m_{202}^{(10)} - m_{200}^{(21)}m_{021}^{(21)}m_{112}^{(00)}\\
&+m_{200}^{(21)}m_{021}^{(22)}m_{220}^{(20)} - m_{200}^{(21)}m_{021}^{(22)}m_{211}^{(10)} + m_{200}^{(21)}m_{012}^{(10)}m_{202}^{(11)} - m_{200}^{(21)}m_{012}^{(10)}m_{121}^{(20)}\\
&+m_{200}^{(21)}m_{012}^{(11)}m_{211}^{(20)} - m_{200}^{(21)}m_{012}^{(11)}m_{202}^{(10)} - m_{200}^{(21)}m_{012}^{(20)}m_{211}^{(11)} + m_{200}^{(21)}m_{012}^{(20)}m_{130}^{(20)}\\
&-m_{200}^{(21)}m_{012}^{(21)}m_{220}^{(20)} + m_{200}^{(21)}m_{012}^{(21)}m_{121}^{(00)} + m_{200}^{(21)}m_{012}^{(22)}m_{220}^{(10)} - m_{200}^{(21)}m_{012}^{(22)}m_{130}^{(00)}\\
&-m_{200}^{(21)}m_{003}^{(10)}m_{211}^{(11)} + m_{200}^{(21)}m_{003}^{(10)}m_{121}^{(10)} + m_{200}^{(21)}m_{003}^{(11)}m_{211}^{(10)} - m_{200}^{(21)}m_{003}^{(11)}m_{121}^{(00)}\\
&+m_{200}^{(21)}m_{003}^{(20)}m_{220}^{(11)} - m_{200}^{(21)}m_{003}^{(20)}m_{130}^{(10)} - m_{200}^{(21)}m_{003}^{(21)}m_{220}^{(10)} + m_{200}^{(21)}m_{003}^{(21)}m_{130}^{(00)}\\
&+m_{200}^{(22)}m_{210}^{(11)}m_{112}^{(21)} - m_{200}^{(22)}m_{210}^{(11)}m_{022}^{(20)} - m_{200}^{(22)}m_{210}^{(21)}m_{121}^{(21)} - m_{200}^{(22)}m_{210}^{(21)}m_{112}^{(11)}\\
&+m_{200}^{(22)}m_{210}^{(21)}m_{031}^{(20)} + m_{200}^{(22)}m_{210}^{(21)}m_{022}^{(10)} + m_{200}^{(22)}m_{210}^{(22)}m_{121}^{(11)} - m_{200}^{(22)}m_{210}^{(22)}m_{031}^{(10)}\\
&-m_{200}^{(22)}m_{201}^{(11)}m_{121}^{(21)} + m_{200}^{(22)}m_{201}^{(11)}m_{031}^{(20)} + m_{200}^{(22)}m_{201}^{(21)}m_{130}^{(21)} + m_{200}^{(22)}m_{201}^{(21)}m_{121}^{(11)}
\end{aligned}
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\begin{aligned}
&-m_{200}^{(22)}m_{201}^{(21)}m_{040}^{(20)} - m_{200}^{(22)}m_{201}^{(21)}m_{031}^{(10)} - m_{200}^{(22)}m_{201}^{(22)}m_{130}^{(11)} + m_{200}^{(22)}m_{201}^{(22)}m_{040}^{(10)}\\
&-m_{200}^{(22)}m_{120}^{(10)}m_{112}^{(21)} + m_{200}^{(22)}m_{120}^{(10)}m_{022}^{(20)} - m_{200}^{(22)}m_{120}^{(11)}m_{202}^{(21)} + m_{200}^{(22)}m_{120}^{(11)}m_{112}^{(20)}\\
&+m_{200}^{(22)}m_{120}^{(20)}m_{121}^{(21)} - m_{200}^{(22)}m_{120}^{(20)}m_{031}^{(20)} + m_{200}^{(22)}m_{120}^{(21)}m_{211}^{(21)} + m_{200}^{(22)}m_{120}^{(21)}m_{202}^{(11)}\\
&-m_{200}^{(22)}m_{120}^{(21)}m_{121}^{(20)} - m_{200}^{(22)}m_{120}^{(21)}m_{022}^{(00)} - m_{200}^{(22)}m_{120}^{(22)}m_{211}^{(11)} + m_{200}^{(22)}m_{120}^{(22)}m_{031}^{(00)}\\
&+m_{200}^{(22)}m_{111}^{(10)}m_{121}^{(21)} + m_{200}^{(22)}m_{111}^{(10)}m_{112}^{(11)} - m_{200}^{(22)}m_{111}^{(10)}m_{031}^{(20)} - m_{200}^{(22)}m_{111}^{(10)}m_{022}^{(10)}\\
&+m_{200}^{(22)}m_{111}^{(11)}m_{211}^{(21)} - m_{200}^{(22)}m_{111}^{(11)}m_{121}^{(20)} - m_{200}^{(22)}m_{111}^{(11)}m_{112}^{(10)} + m_{200}^{(22)}m_{111}^{(11)}m_{022}^{(00)}\\
&-m_{200}^{(22)}m_{111}^{(20)}m_{130}^{(21)} - m_{200}^{(22)}m_{111}^{(20)}m_{121}^{(11)} + m_{200}^{(22)}m_{111}^{(20)}m_{040}^{(20)} + m_{200}^{(22)}m_{111}^{(20)}m_{031}^{(10)}\\
&-m_{200}^{(22)}m_{111}^{(21)}m_{220}^{(21)} - m_{200}^{(22)}m_{111}^{(21)}m_{211}^{(11)} + m_{200}^{(22)}m_{111}^{(21)}m_{130}^{(20)} + m_{200}^{(22)}m_{111}^{(21)}m_{121}^{(10)}\\
&+m_{200}^{(22)}m_{111}^{(22)}m_{220}^{(11)} - m_{200}^{(22)}m_{111}^{(22)}m_{040}^{(00)} - m_{200}^{(22)}m_{102}^{(10)}m_{121}^{(11)} + m_{200}^{(22)}m_{102}^{(10)}m_{031}^{(10)}\\
&+m_{200}^{(22)}m_{102}^{(11)}m_{121}^{(10)} - m_{200}^{(22)}m_{102}^{(11)}m_{031}^{(00)} + m_{200}^{(22)}m_{102}^{(20)}m_{130}^{(11)} - m_{200}^{(22)}m_{102}^{(20)}m_{040}^{(10)}\\
&-m_{200}^{(22)}m_{102}^{(21)}m_{130}^{(10)} + m_{200}^{(22)}m_{102}^{(21)}m_{040}^{(00)} + m_{200}^{(22)}m_{030}^{(10)}m_{202}^{(21)} - m_{200}^{(22)}m_{030}^{(10)}m_{112}^{(20)}\\
&-m_{200}^{(22)}m_{030}^{(20)}m_{211}^{(21)} + m_{200}^{(22)}m_{030}^{(20)}m_{121}^{(20)} - m_{200}^{(22)}m_{030}^{(21)}m_{202}^{(10)} + m_{200}^{(22)}m_{030}^{(21)}m_{112}^{(00)}\\
&+m_{200}^{(22)}m_{030}^{(22)}m_{211}^{(10)} - m_{200}^{(22)}m_{030}^{(22)}m_{121}^{(00)} - m_{200}^{(22)}m_{021}^{(10)}m_{211}^{(21)} - m_{200}^{(22)}m_{021}^{(10)}m_{202}^{(11)}\\
&+m_{200}^{(22)}m_{021}^{(10)}m_{121}^{(20)} + m_{200}^{(22)}m_{021}^{(10)}m_{112}^{(10)} + m_{200}^{(22)}m_{021}^{(11)}m_{202}^{(10)} - m_{200}^{(22)}m_{021}^{(11)}m_{112}^{(00)}\\
&+m_{200}^{(22)}m_{021}^{(20)}m_{220}^{(21)} + m_{200}^{(22)}m_{021}^{(20)}m_{211}^{(11)} - m_{200}^{(22)}m_{021}^{(20)}m_{130}^{(20)} - m_{200}^{(22)}m_{021}^{(20)}m_{121}^{(10)}\\
&-m_{200}^{(22)}m_{021}^{(22)}m_{220}^{(10)} + m_{200}^{(22)}m_{021}^{(22)}m_{130}^{(00)} + m_{200}^{(22)}m_{012}^{(10)}m_{211}^{(11)} - m_{200}^{(22)}m_{012}^{(10)}m_{121}^{(10)}\\
&-m_{200}^{(22)}m_{012}^{(11)}m_{211}^{(10)} + m_{200}^{(22)}m_{012}^{(11)}m_{121}^{(00)} - m_{200}^{(22)}m_{012}^{(20)}m_{220}^{(11)} + m_{200}^{(22)}m_{012}^{(20)}m_{130}^{(10)}\\
&+m_{200}^{(22)}m_{012}^{(21)}m_{220}^{(10)} - m_{200}^{(22)}m_{012}^{(21)}m_{130}^{(00)} - m_{110}^{(00)}m_{210}^{(11)}m_{013}^{(22)} + m_{110}^{(00)}m_{210}^{(11)}m_{004}^{(21)}\\
&+m_{110}^{(00)}m_{210}^{(21)}m_{022}^{(22)} - m_{110}^{(00)}m_{210}^{(21)}m_{004}^{(11)} - m_{110}^{(00)}m_{210}^{(22)}m_{022}^{(21)} + m_{110}^{(00)}m_{210}^{(22)}m_{013}^{(11)}\\
&+m_{110}^{(00)}m_{201}^{(11)}m_{022}^{(22)} - m_{110}^{(00)}m_{201}^{(11)}m_{013}^{(21)} - m_{110}^{(00)}m_{201}^{(21)}m_{031}^{(22)} + m_{110}^{(00)}m_{201}^{(21)}m_{013}^{(11)}\\
&+m_{110}^{(00)}m_{201}^{(22)}m_{031}^{(21)} - m_{110}^{(00)}m_{201}^{(22)}m_{022}^{(11)} - m_{110}^{(00)}m_{120}^{(20)}m_{022}^{(22)} + 2m_{110}^{(00)}m_{120}^{(20)}m_{013}^{(21)}\\
&-m_{110}^{(00)}m_{120}^{(20)}m_{004}^{(11)} + m_{110}^{(00)}m_{120}^{(21)}m_{112}^{(22)} - m_{110}^{(00)}m_{120}^{(21)}m_{103}^{(21)} - m_{110}^{(00)}m_{120}^{(21)}m_{013}^{(20)}\\
&+m_{110}^{(00)}m_{120}^{(21)}m_{004}^{(10)} - m_{110}^{(00)}m_{120}^{(22)}m_{112}^{(21)} + m_{110}^{(00)}m_{120}^{(22)}m_{103}^{(11)} + m_{110}^{(00)}m_{120}^{(22)}m_{022}^{(20)}\\
&-m_{110}^{(00)}m_{120}^{(22)}m_{013}^{(10)} + m_{110}^{(00)}m_{111}^{(10)}m_{022}^{(22)} - 2m_{110}^{(00)}m_{111}^{(10)}m_{013}^{(21)} + m_{110}^{(00)}m_{111}^{(10)}m_{004}^{(11)}\\
&+m_{110}^{(00)}m_{111}^{(11)}m_{112}^{(22)} - m_{110}^{(00)}m_{111}^{(11)}m_{103}^{(21)} + m_{110}^{(00)}m_{111}^{(11)}m_{013}^{(20)} - m_{110}^{(00)}m_{111}^{(11)}m_{004}^{(10)}\\
&+m_{110}^{(00)}m_{111}^{(20)}m_{031}^{(22)} - 2m_{110}^{(00)}m_{111}^{(20)}m_{022}^{(21)} + m_{110}^{(00)}m_{111}^{(20)}m_{013}^{(11)} - 3m_{110}^{(00)}m_{111}^{(21)}m_{121}^{(22)}\\
&+2m_{110}^{(00)}m_{111}^{(21)}m_{112}^{(21)} + m_{110}^{(00)}m_{111}^{(21)}m_{103}^{(11)} + 3m_{110}^{(00)}m_{111}^{(22)}m_{121}^{(21)} - 3m_{110}^{(00)}m_{111}^{(22)}m_{112}^{(11)}\\
&-m_{110}^{(00)}m_{111}^{(22)}m_{031}^{(20)} + m_{110}^{(00)}m_{111}^{(22)}m_{022}^{(10)} - m_{110}^{(00)}m_{102}^{(10)}m_{031}^{(22)} + 2m_{110}^{(00)}m_{102}^{(10)}m_{022}^{(21)}\\
&-m_{110}^{(00)}m_{102}^{(10)}m_{013}^{(11)} - m_{110}^{(00)}m_{102}^{(11)}m_{121}^{(22)} + m_{110}^{(00)}m_{102}^{(11)}m_{112}^{(21)} - m_{110}^{(00)}m_{102}^{(11)}m_{022}^{(20)}\\
&+m_{110}^{(00)}m_{102}^{(11)}m_{013}^{(10)} + 2m_{110}^{(00)}m_{102}^{(21)}m_{130}^{(22)} - m_{110}^{(00)}m_{102}^{(21)}m_{121}^{(21)} - m_{110}^{(00)}m_{102}^{(21)}m_{112}^{(11)}\\
&+m_{110}^{(00)}m_{102}^{(21)}m_{031}^{(20)} - m_{110}^{(00)}m_{102}^{(21)}m_{022}^{(10)} - 2m_{110}^{(00)}m_{102}^{(22)}m_{130}^{(21)} + 2m_{110}^{(00)}m_{102}^{(22)}m_{121}^{(11)}\\
&+m_{110}^{(00)}m_{030}^{(00)}m_{013}^{(22)} - m_{110}^{(00)}m_{030}^{(00)}m_{004}^{(21)} - m_{110}^{(00)}m_{030}^{(20)}m_{112}^{(22)} + m_{110}^{(00)}m_{030}^{(20)}m_{103}^{(21)}\\
&-m_{110}^{(00)}m_{030}^{(20)}m_{013}^{(20)} + m_{110}^{(00)}m_{030}^{(20)}m_{004}^{(10)} + m_{110}^{(00)}m_{030}^{(22)}m_{112}^{(20)} - m_{110}^{(00)}m_{030}^{(22)}m_{103}^{(10)}\\
&-2m_{110}^{(00)}m_{021}^{(00)}m_{022}^{(22)} + m_{110}^{(00)}m_{021}^{(00)}m_{013}^{(21)} + m_{110}^{(00)}m_{021}^{(00)}m_{004}^{(11)} - m_{110}^{(00)}m_{021}^{(10)}m_{112}^{(22)}\\
&+m_{110}^{(00)}m_{021}^{(10)}m_{103}^{(21)} + m_{110}^{(00)}m_{021}^{(10)}m_{013}^{(20)} - m_{110}^{(00)}m_{021}^{(10)}m_{004}^{(10)} + 3m_{110}^{(00)}m_{021}^{(20)}m_{121}^{(22)}\\
&-2m_{110}^{(00)}m_{021}^{(20)}m_{112}^{(21)} - m_{110}^{(00)}m_{021}^{(20)}m_{103}^{(11)} + 2m_{110}^{(00)}m_{021}^{(20)}m_{022}^{(20)} - 2m_{110}^{(00)}m_{021}^{(20)}m_{013}^{(10)}\\
&-3m_{110}^{(00)}m_{021}^{(22)}m_{121}^{(20)} + 3m_{110}^{(00)}m_{021}^{(22)}m_{112}^{(10)} + m_{110}^{(00)}m_{012}^{(00)}m_{031}^{(22)} + m_{110}^{(00)}m_{012}^{(00)}m_{022}^{(21)}\\
&-2m_{110}^{(00)}m_{012}^{(00)}m_{013}^{(11)} + m_{110}^{(00)}m_{012}^{(10)}m_{121}^{(22)} - m_{110}^{(00)}m_{012}^{(10)}m_{103}^{(11)} - 2m_{110}^{(00)}m_{012}^{(10)}m_{022}^{(20)}
\end{aligned}
$$

$$+2m_{110}^{(00)}m_{012}^{(10)}m_{013}^{(10)} - m_{110}^{(00)}m_{012}^{(11)}m_{112}^{(20)} + m_{110}^{(00)}m_{012}^{(11)}m_{103}^{(10)} - 2m_{110}^{(00)}m_{012}^{(20)}m_{130}^{(22)}$$
$$-m_{110}^{(00)}m_{012}^{(20)}m_{121}^{(21)} + 3m_{110}^{(00)}m_{012}^{(20)}m_{112}^{(11)} - m_{110}^{(00)}m_{012}^{(20)}m_{031}^{(20)} + m_{110}^{(00)}m_{012}^{(20)}m_{022}^{(10)}$$
$$+2m_{110}^{(00)}m_{012}^{(21)}m_{121}^{(20)} - 2m_{110}^{(00)}m_{012}^{(21)}m_{112}^{(10)} + 2m_{110}^{(00)}m_{012}^{(22)}m_{130}^{(20)} - 2m_{110}^{(00)}m_{012}^{(22)}m_{121}^{(10)}$$
$$-m_{110}^{(00)}m_{003}^{(00)}m_{031}^{(21)} + m_{110}^{(00)}m_{003}^{(00)}m_{022}^{(11)} - m_{110}^{(00)}m_{003}^{(10)}m_{121}^{(21)} + m_{110}^{(00)}m_{003}^{(10)}m_{112}^{(11)}$$
$$+m_{110}^{(00)}m_{003}^{(10)}m_{031}^{(20)} - m_{110}^{(00)}m_{003}^{(10)}m_{022}^{(10)} + m_{110}^{(00)}m_{003}^{(11)}m_{121}^{(20)} - m_{110}^{(00)}m_{003}^{(11)}m_{112}^{(10)}$$
$$+2m_{110}^{(00)}m_{003}^{(20)}m_{130}^{(21)} - 2m_{110}^{(00)}m_{003}^{(20)}m_{121}^{(11)} - 2m_{110}^{(00)}m_{003}^{(21)}m_{130}^{(20)} + 2m_{110}^{(00)}m_{003}^{(21)}m_{121}^{(10)}$$
$$+m_{110}^{(10)}m_{300}^{(11)}m_{013}^{(22)} - m_{110}^{(10)}m_{300}^{(11)}m_{004}^{(21)} - m_{110}^{(10)}m_{300}^{(21)}m_{022}^{(22)} + m_{110}^{(10)}m_{300}^{(21)}m_{004}^{(11)}$$
$$+m_{110}^{(10)}m_{300}^{(22)}m_{022}^{(21)} - m_{110}^{(10)}m_{300}^{(22)}m_{013}^{(11)} + m_{110}^{(10)}m_{210}^{(11)}m_{103}^{(22)} - m_{110}^{(10)}m_{210}^{(11)}m_{004}^{(20)}$$
$$+m_{110}^{(10)}m_{210}^{(20)}m_{022}^{(22)} - 2m_{110}^{(10)}m_{210}^{(20)}m_{013}^{(21)} + m_{110}^{(10)}m_{210}^{(20)}m_{004}^{(11)} - 2m_{110}^{(10)}m_{210}^{(21)}m_{112}^{(22)}$$
$$+2m_{110}^{(10)}m_{210}^{(21)}m_{013}^{(20)} + 2m_{110}^{(10)}m_{210}^{(22)}m_{112}^{(21)} - m_{110}^{(10)}m_{210}^{(22)}m_{103}^{(11)} - m_{110}^{(10)}m_{210}^{(22)}m_{022}^{(20)}$$
$$-m_{110}^{(10)}m_{201}^{(10)}m_{022}^{(22)} + 2m_{110}^{(10)}m_{201}^{(10)}m_{013}^{(21)} - m_{110}^{(10)}m_{201}^{(10)}m_{004}^{(11)} - 3m_{110}^{(10)}m_{201}^{(11)}m_{112}^{(22)}$$
$$+2m_{110}^{(10)}m_{201}^{(11)}m_{103}^{(21)} + m_{110}^{(10)}m_{201}^{(11)}m_{004}^{(10)} + 4m_{110}^{(10)}m_{201}^{(21)}m_{121}^{(22)} - 2m_{110}^{(10)}m_{201}^{(21)}m_{103}^{(11)}$$
$$-2m_{110}^{(10)}m_{201}^{(21)}m_{013}^{(10)} - 4m_{110}^{(10)}m_{201}^{(22)}m_{121}^{(21)} + 3m_{110}^{(10)}m_{201}^{(22)}m_{112}^{(11)} + m_{110}^{(10)}m_{201}^{(22)}m_{022}^{(10)}$$
$$-m_{110}^{(10)}m_{120}^{(00)}m_{013}^{(22)} + m_{110}^{(10)}m_{120}^{(00)}m_{004}^{(21)} + 2m_{110}^{(10)}m_{120}^{(20)}m_{112}^{(22)} - 2m_{110}^{(10)}m_{120}^{(20)}m_{103}^{(21)}$$
$$-m_{110}^{(10)}m_{120}^{(21)}m_{202}^{(22)} + 2m_{110}^{(10)}m_{120}^{(21)}m_{103}^{(20)} - m_{110}^{(10)}m_{120}^{(21)}m_{004}^{(00)} + m_{110}^{(10)}m_{120}^{(22)}m_{202}^{(21)}$$
$$-2m_{110}^{(10)}m_{120}^{(22)}m_{112}^{(20)} + m_{110}^{(10)}m_{120}^{(22)}m_{013}^{(00)} + m_{110}^{(10)}m_{111}^{(00)}m_{022}^{(22)} - m_{110}^{(10)}m_{111}^{(00)}m_{004}^{(11)}$$
$$-m_{110}^{(10)}m_{111}^{(11)}m_{202}^{(22)} + m_{110}^{(10)}m_{111}^{(11)}m_{004}^{(00)} - 4m_{110}^{(10)}m_{111}^{(20)}m_{121}^{(22)} + 4m_{110}^{(10)}m_{111}^{(20)}m_{112}^{(21)}$$
$$+4m_{110}^{(10)}m_{111}^{(21)}m_{211}^{(22)} - 4m_{110}^{(10)}m_{111}^{(21)}m_{112}^{(20)} - 4m_{110}^{(10)}m_{111}^{(22)}m_{211}^{(21)} + m_{110}^{(10)}m_{111}^{(22)}m_{202}^{(11)}$$
$$+4m_{110}^{(10)}m_{111}^{(22)}m_{121}^{(20)} - m_{110}^{(10)}m_{111}^{(22)}m_{022}^{(00)} - m_{110}^{(10)}m_{102}^{(00)}m_{022}^{(21)} + m_{110}^{(10)}m_{102}^{(00)}m_{013}^{(11)}$$
$$+2m_{110}^{(10)}m_{102}^{(10)}m_{121}^{(22)} - 4m_{110}^{(10)}m_{102}^{(10)}m_{112}^{(21)} + 2m_{110}^{(10)}m_{102}^{(10)}m_{103}^{(11)} + 2m_{110}^{(10)}m_{102}^{(11)}m_{211}^{(22)}$$
$$-m_{110}^{(10)}m_{102}^{(11)}m_{202}^{(21)} + 2m_{110}^{(10)}m_{102}^{(11)}m_{112}^{(20)} - 2m_{110}^{(10)}m_{102}^{(11)}m_{103}^{(10)} - m_{110}^{(10)}m_{102}^{(11)}m_{013}^{(00)}$$
$$+2m_{110}^{(10)}m_{102}^{(20)}m_{121}^{(21)} - 2m_{110}^{(10)}m_{102}^{(20)}m_{112}^{(11)} - 4m_{110}^{(10)}m_{102}^{(21)}m_{220}^{(22)} + m_{110}^{(10)}m_{102}^{(21)}m_{202}^{(11)}$$
$$-2m_{110}^{(10)}m_{102}^{(21)}m_{121}^{(20)} + 4m_{110}^{(10)}m_{102}^{(21)}m_{112}^{(10)} + m_{110}^{(10)}m_{102}^{(21)}m_{022}^{(00)} + 4m_{110}^{(10)}m_{102}^{(22)}m_{211}^{(21)}$$
$$-2m_{110}^{(10)}m_{102}^{(22)}m_{211}^{(11)} - 2m_{110}^{(10)}m_{102}^{(22)}m_{121}^{(10)} - m_{110}^{(10)}m_{030}^{(00)}m_{103}^{(22)} + m_{110}^{(10)}m_{030}^{(00)}m_{004}^{(20)}$$
$$+m_{110}^{(10)}m_{030}^{(20)}m_{202}^{(22)} - m_{110}^{(10)}m_{030}^{(20)}m_{004}^{(00)} - m_{110}^{(10)}m_{030}^{(22)}m_{202}^{(20)} + m_{110}^{(10)}m_{030}^{(22)}m_{103}^{(00)}$$
$$+3m_{110}^{(10)}m_{021}^{(00)}m_{112}^{(22)} - 2m_{110}^{(10)}m_{021}^{(00)}m_{013}^{(20)} - m_{110}^{(10)}m_{021}^{(00)}m_{004}^{(10)} + m_{110}^{(10)}m_{021}^{(10)}m_{202}^{(22)}$$
$$-2m_{110}^{(10)}m_{021}^{(10)}m_{103}^{(20)} + m_{110}^{(10)}m_{021}^{(10)}m_{004}^{(00)} - 4m_{110}^{(10)}m_{021}^{(20)}m_{211}^{(22)} + 2m_{110}^{(10)}m_{021}^{(20)}m_{103}^{(10)}$$
$$+2m_{110}^{(10)}m_{021}^{(20)}m_{013}^{(00)} + 4m_{110}^{(10)}m_{021}^{(22)}m_{211}^{(20)} - m_{110}^{(10)}m_{021}^{(22)}m_{202}^{(10)} - 3m_{110}^{(10)}m_{021}^{(22)}m_{112}^{(00)}$$
$$-2m_{110}^{(10)}m_{012}^{(00)}m_{121}^{(22)} - 2m_{110}^{(10)}m_{012}^{(00)}m_{112}^{(21)} + m_{110}^{(10)}m_{012}^{(00)}m_{103}^{(11)} + m_{110}^{(10)}m_{012}^{(00)}m_{022}^{(20)}$$
$$+2m_{110}^{(10)}m_{012}^{(00)}m_{013}^{(10)} - 2m_{110}^{(10)}m_{012}^{(10)}m_{211}^{(22)} + 4m_{110}^{(10)}m_{012}^{(10)}m_{112}^{(20)} - 2m_{110}^{(10)}m_{012}^{(10)}m_{013}^{(00)}$$
$$+m_{110}^{(10)}m_{012}^{(11)}m_{202}^{(20)} - m_{110}^{(10)}m_{012}^{(11)}m_{103}^{(00)} + 4m_{110}^{(10)}m_{012}^{(20)}m_{220}^{(22)} + 2m_{110}^{(10)}m_{012}^{(20)}m_{211}^{(21)}$$
$$-m_{110}^{(10)}m_{012}^{(20)}m_{202}^{(11)} - 4m_{110}^{(10)}m_{012}^{(20)}m_{112}^{(10)} - m_{110}^{(10)}m_{012}^{(20)}m_{022}^{(00)} - 2m_{110}^{(10)}m_{012}^{(21)}m_{211}^{(20)}$$
$$+2m_{110}^{(10)}m_{012}^{(21)}m_{112}^{(00)} - 4m_{110}^{(10)}m_{012}^{(22)}m_{220}^{(20)} + 2m_{110}^{(10)}m_{012}^{(22)}m_{211}^{(10)} + 2m_{110}^{(10)}m_{012}^{(22)}m_{121}^{(00)}$$
$$+2m_{110}^{(10)}m_{003}^{(00)}m_{121}^{(21)} - m_{110}^{(10)}m_{003}^{(00)}m_{112}^{(11)} - m_{110}^{(10)}m_{003}^{(00)}m_{022}^{(10)} + 2m_{110}^{(10)}m_{003}^{(10)}m_{211}^{(21)}$$
$$-m_{110}^{(10)}m_{003}^{(10)}m_{202}^{(11)} - 2m_{110}^{(10)}m_{003}^{(10)}m_{121}^{(20)} + m_{110}^{(10)}m_{003}^{(10)}m_{022}^{(00)} - 2m_{110}^{(10)}m_{003}^{(11)}m_{211}^{(20)}$$
$$+m_{110}^{(10)}m_{003}^{(11)}m_{202}^{(10)} + m_{110}^{(10)}m_{003}^{(11)}m_{112}^{(00)} - 4m_{110}^{(10)}m_{003}^{(20)}m_{220}^{(21)} + 2m_{110}^{(10)}m_{003}^{(20)}m_{211}^{(11)}$$
$$+2m_{110}^{(10)}m_{003}^{(20)}m_{121}^{(10)} + 4m_{110}^{(10)}m_{003}^{(21)}m_{220}^{(20)} - 2m_{110}^{(10)}m_{003}^{(21)}m_{211}^{(10)} - 2m_{110}^{(10)}m_{003}^{(21)}m_{121}^{(00)}$$
$$-m_{110}^{(11)}m_{300}^{(11)}m_{103}^{(22)} + m_{110}^{(11)}m_{300}^{(11)}m_{004}^{(20)} + m_{110}^{(11)}m_{300}^{(21)}m_{112}^{(22)} + m_{110}^{(11)}m_{300}^{(21)}m_{103}^{(21)}$$

$$
\begin{aligned}
&-m_{110}^{(11)}m_{300}^{(21)}m_{013}^{(20)} - m_{110}^{(11)}m_{300}^{(21)}m_{004}^{(10)} - m_{110}^{(11)}m_{300}^{(22)}m_{112}^{(21)} + m_{110}^{(11)}m_{300}^{(22)}m_{013}^{(10)}\\
&-m_{110}^{(11)}m_{210}^{(20)}m_{112}^{(22)} + m_{110}^{(11)}m_{210}^{(20)}m_{103}^{(21)} + m_{110}^{(11)}m_{210}^{(20)}m_{013}^{(20)} - m_{110}^{(11)}m_{210}^{(20)}m_{004}^{(10)}\\
&+m_{110}^{(11)}m_{210}^{(21)}m_{202}^{(22)} - 2m_{110}^{(11)}m_{210}^{(21)}m_{103}^{(20)} + m_{110}^{(11)}m_{210}^{(21)}m_{004}^{(00)} - m_{110}^{(11)}m_{210}^{(22)}m_{202}^{(21)}\\
&+m_{110}^{(11)}m_{210}^{(22)}m_{112}^{(20)} + m_{110}^{(11)}m_{210}^{(22)}m_{103}^{(10)} - m_{110}^{(11)}m_{210}^{(22)}m_{013}^{(00)} + m_{110}^{(11)}m_{201}^{(10)}m_{112}^{(22)}\\
&-m_{110}^{(11)}m_{201}^{(10)}m_{103}^{(21)} - m_{110}^{(11)}m_{201}^{(10)}m_{013}^{(20)} + m_{110}^{(11)}m_{201}^{(10)}m_{004}^{(10)} + 2m_{110}^{(11)}m_{201}^{(11)}m_{202}^{(22)}\\
&-m_{110}^{(11)}m_{201}^{(11)}m_{103}^{(20)} - m_{110}^{(11)}m_{201}^{(11)}m_{004}^{(00)} - 3m_{110}^{(11)}m_{201}^{(21)}m_{211}^{(22)} - 2m_{110}^{(11)}m_{201}^{(21)}m_{202}^{(21)}\\
&+2m_{110}^{(11)}m_{201}^{(21)}m_{112}^{(20)} + 2m_{110}^{(11)}m_{201}^{(21)}m_{103}^{(10)} + m_{110}^{(11)}m_{201}^{(21)}m_{013}^{(00)} + 3m_{110}^{(11)}m_{201}^{(22)}m_{211}^{(21)}\\
&-3m_{110}^{(11)}m_{201}^{(22)}m_{112}^{(10)} + m_{110}^{(11)}m_{120}^{(00)}m_{103}^{(22)} - m_{110}^{(11)}m_{120}^{(00)}m_{004}^{(20)} - m_{110}^{(11)}m_{120}^{(20)}m_{202}^{(22)}\\
&+m_{110}^{(11)}m_{120}^{(20)}m_{004}^{(00)} + m_{110}^{(11)}m_{120}^{(22)}m_{202}^{(20)} - m_{110}^{(11)}m_{120}^{(22)}m_{103}^{(00)} - m_{110}^{(11)}m_{111}^{(00)}m_{112}^{(22)}\\
&-m_{110}^{(11)}m_{111}^{(00)}m_{103}^{(21)} + m_{110}^{(11)}m_{111}^{(00)}m_{013}^{(20)} + m_{110}^{(11)}m_{111}^{(00)}m_{004}^{(10)} - m_{110}^{(11)}m_{111}^{(10)}m_{202}^{(22)}\\
&+2m_{110}^{(11)}m_{111}^{(10)}m_{103}^{(20)} - m_{110}^{(11)}m_{111}^{(10)}m_{004}^{(00)} + 3m_{110}^{(11)}m_{111}^{(20)}m_{211}^{(22)} - 2m_{110}^{(11)}m_{111}^{(20)}m_{112}^{(20)}\\
&-m_{110}^{(11)}m_{111}^{(20)}m_{013}^{(00)} - m_{110}^{(11)}m_{111}^{(21)}m_{301}^{(22)} + 2m_{110}^{(11)}m_{111}^{(21)}m_{202}^{(20)} - m_{110}^{(11)}m_{111}^{(21)}m_{103}^{(00)}\\
&+m_{110}^{(11)}m_{111}^{(22)}m_{301}^{(21)} - 3m_{110}^{(11)}m_{111}^{(22)}m_{211}^{(20)} - m_{110}^{(11)}m_{111}^{(22)}m_{202}^{(10)} + 3m_{110}^{(11)}m_{111}^{(22)}m_{112}^{(00)}\\
&+m_{110}^{(11)}m_{102}^{(00)}m_{112}^{(21)} - m_{110}^{(11)}m_{102}^{(00)}m_{013}^{(10)} - m_{110}^{(11)}m_{102}^{(10)}m_{211}^{(22)} + 2m_{110}^{(11)}m_{102}^{(10)}m_{202}^{(21)}\\
&-2m_{110}^{(11)}m_{102}^{(10)}m_{103}^{(10)} + m_{110}^{(11)}m_{102}^{(10)}m_{013}^{(00)} - m_{110}^{(11)}m_{102}^{(11)}m_{301}^{(22)} - m_{110}^{(11)}m_{102}^{(11)}m_{202}^{(20)}\\
&+2m_{110}^{(11)}m_{102}^{(11)}m_{103}^{(00)} - 2m_{110}^{(11)}m_{102}^{(20)}m_{211}^{(21)} + 2m_{110}^{(11)}m_{102}^{(20)}m_{112}^{(10)} + 2m_{110}^{(11)}m_{102}^{(21)}m_{310}^{(22)}\\
&+m_{110}^{(11)}m_{102}^{(21)}m_{301}^{(21)} + m_{110}^{(11)}m_{102}^{(21)}m_{211}^{(20)} - m_{110}^{(11)}m_{102}^{(21)}m_{202}^{(10)} - 3m_{110}^{(11)}m_{102}^{(21)}m_{112}^{(00)}\\
&-2m_{110}^{(11)}m_{102}^{(22)}m_{310}^{(21)} + 2m_{110}^{(11)}m_{102}^{(22)}m_{211}^{(10)} - m_{110}^{(11)}m_{021}^{(00)}m_{202}^{(22)} + m_{110}^{(11)}m_{021}^{(00)}m_{103}^{(20)}\\
&+m_{110}^{(11)}m_{021}^{(20)}m_{301}^{(22)} - m_{110}^{(11)}m_{021}^{(20)}m_{103}^{(00)} - m_{110}^{(11)}m_{021}^{(22)}m_{301}^{(20)} + m_{110}^{(11)}m_{021}^{(22)}m_{202}^{(00)}\\
&+m_{110}^{(11)}m_{012}^{(00)}m_{211}^{(22)} + m_{110}^{(11)}m_{012}^{(00)}m_{202}^{(21)} - m_{110}^{(11)}m_{012}^{(00)}m_{112}^{(20)} - m_{110}^{(11)}m_{012}^{(00)}m_{103}^{(10)}\\
&+m_{110}^{(11)}m_{012}^{(10)}m_{301}^{(22)} - 2m_{110}^{(11)}m_{012}^{(10)}m_{202}^{(20)} + m_{110}^{(11)}m_{012}^{(10)}m_{103}^{(00)} - 2m_{110}^{(11)}m_{012}^{(20)}m_{310}^{(22)}\\
&-m_{110}^{(11)}m_{012}^{(20)}m_{301}^{(21)} + m_{110}^{(11)}m_{012}^{(20)}m_{211}^{(20)} + m_{110}^{(11)}m_{012}^{(20)}m_{202}^{(10)} + m_{110}^{(11)}m_{012}^{(20)}m_{112}^{(00)}\\
&+2m_{110}^{(11)}m_{012}^{(22)}m_{310}^{(20)} - 2m_{110}^{(11)}m_{012}^{(22)}m_{211}^{(00)} - m_{110}^{(11)}m_{003}^{(00)}m_{211}^{(21)} + m_{110}^{(11)}m_{003}^{(00)}m_{112}^{(10)}\\
&-m_{110}^{(11)}m_{003}^{(10)}m_{301}^{(21)} + m_{110}^{(11)}m_{003}^{(10)}m_{211}^{(20)} + m_{110}^{(11)}m_{003}^{(10)}m_{202}^{(10)} - m_{110}^{(11)}m_{003}^{(10)}m_{112}^{(00)}\\
&+m_{110}^{(11)}m_{003}^{(11)}m_{301}^{(20)} - m_{110}^{(11)}m_{003}^{(11)}m_{202}^{(00)} + 2m_{110}^{(11)}m_{003}^{(20)}m_{310}^{(21)} - 2m_{110}^{(11)}m_{003}^{(20)}m_{211}^{(10)}\\
&-2m_{110}^{(11)}m_{003}^{(21)}m_{310}^{(20)} + 2m_{110}^{(11)}m_{003}^{(21)}m_{211}^{(00)} - m_{110}^{(20)}m_{300}^{(11)}m_{022}^{(22)} + m_{110}^{(20)}m_{300}^{(11)}m_{013}^{(21)}\\
&+m_{110}^{(20)}m_{300}^{(21)}m_{031}^{(22)} - m_{110}^{(20)}m_{300}^{(21)}m_{013}^{(11)} - m_{110}^{(20)}m_{300}^{(22)}m_{031}^{(21)} + m_{110}^{(20)}m_{300}^{(22)}m_{022}^{(11)}\\
&+m_{110}^{(20)}m_{210}^{(11)}m_{112}^{(22)} - 2m_{110}^{(20)}m_{210}^{(11)}m_{103}^{(21)} + m_{110}^{(20)}m_{210}^{(11)}m_{013}^{(20)} - m_{110}^{(20)}m_{210}^{(20)}m_{031}^{(22)}\\
&+2m_{110}^{(20)}m_{210}^{(20)}m_{022}^{(21)} - m_{110}^{(20)}m_{210}^{(20)}m_{013}^{(11)} + 2m_{110}^{(20)}m_{210}^{(21)}m_{103}^{(11)} - 2m_{110}^{(20)}m_{210}^{(21)}m_{022}^{(20)}\\
&-m_{110}^{(20)}m_{210}^{(22)}m_{112}^{(11)} + m_{110}^{(20)}m_{210}^{(22)}m_{031}^{(20)} + m_{110}^{(20)}m_{201}^{(10)}m_{031}^{(22)} - 2m_{110}^{(20)}m_{201}^{(10)}m_{022}^{(21)}\\
&+m_{110}^{(20)}m_{201}^{(10)}m_{013}^{(11)} + m_{110}^{(20)}m_{201}^{(11)}m_{121}^{(22)} - m_{110}^{(20)}m_{201}^{(11)}m_{013}^{(10)} - 2m_{110}^{(20)}m_{201}^{(21)}m_{130}^{(22)}\\
&+2m_{110}^{(20)}m_{201}^{(21)}m_{022}^{(10)} + 2m_{110}^{(20)}m_{201}^{(22)}m_{130}^{(21)} - m_{110}^{(20)}m_{201}^{(22)}m_{121}^{(11)} - m_{110}^{(20)}m_{201}^{(22)}m_{031}^{(10)}\\
&+m_{110}^{(20)}m_{120}^{(00)}m_{022}^{(22)} - m_{110}^{(20)}m_{120}^{(00)}m_{013}^{(21)} - 2m_{110}^{(20)}m_{120}^{(20)}m_{112}^{(21)} + 2m_{110}^{(20)}m_{120}^{(20)}m_{103}^{(11)}\\
&-m_{110}^{(20)}m_{120}^{(21)}m_{211}^{(22)} + 2m_{110}^{(20)}m_{120}^{(21)}m_{202}^{(21)} - 2m_{110}^{(20)}m_{120}^{(21)}m_{103}^{(10)} + m_{110}^{(20)}m_{120}^{(21)}m_{013}^{(00)}\\
&+m_{110}^{(20)}m_{120}^{(22)}m_{211}^{(21)} - 2m_{110}^{(20)}m_{120}^{(22)}m_{202}^{(11)} + 2m_{110}^{(20)}m_{120}^{(22)}m_{112}^{(10)} - m_{110}^{(20)}m_{120}^{(22)}m_{022}^{(00)}\\
&-m_{110}^{(20)}m_{111}^{(00)}m_{031}^{(22)} + m_{110}^{(20)}m_{111}^{(00)}m_{013}^{(11)} - 2m_{110}^{(20)}m_{111}^{(10)}m_{121}^{(22)} + 4m_{110}^{(20)}m_{111}^{(10)}m_{112}^{(21)}\\
&-2m_{110}^{(20)}m_{111}^{(10)}m_{103}^{(11)} - m_{110}^{(20)}m_{111}^{(11)}m_{211}^{(22)} + 2m_{110}^{(20)}m_{111}^{(11)}m_{202}^{(21)} - 2m_{110}^{(20)}m_{111}^{(11)}m_{112}^{(20)}\\
&+2m_{110}^{(20)}m_{111}^{(11)}m_{103}^{(10)} - m_{110}^{(20)}m_{111}^{(11)}m_{013}^{(00)} + 2m_{110}^{(20)}m_{111}^{(20)}m_{130}^{(22)} - 2m_{110}^{(20)}m_{111}^{(20)}m_{112}^{(11)}
\end{aligned}
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\begin{aligned}
&+2m_{110}^{(20)}m_{111}^{(21)}m_{220}^{(22)} - 4m_{110}^{(20)}m_{111}^{(21)}m_{211}^{(21)} - 2m_{110}^{(20)}m_{111}^{(21)}m_{202}^{(11)} + 4m_{110}^{(20)}m_{111}^{(21)}m_{121}^{(20)}\\
&-2m_{110}^{(20)}m_{111}^{(22)}m_{220}^{(21)} + 5m_{110}^{(20)}m_{111}^{(22)}m_{211}^{(11)} - 2m_{110}^{(20)}m_{111}^{(22)}m_{130}^{(20)} - 2m_{110}^{(20)}m_{111}^{(22)}m_{121}^{(10)}\\
&+m_{110}^{(20)}m_{111}^{(22)}m_{031}^{(00)} + m_{110}^{(20)}m_{102}^{(00)}m_{031}^{(21)} - m_{110}^{(20)}m_{102}^{(00)}m_{022}^{(11)} - m_{110}^{(20)}m_{102}^{(11)}m_{211}^{(21)}\\
&+m_{110}^{(20)}m_{102}^{(11)}m_{022}^{(00)} - 2m_{110}^{(20)}m_{102}^{(20)}m_{130}^{(21)} + 2m_{110}^{(20)}m_{102}^{(20)}m_{121}^{(11)} + 2m_{110}^{(20)}m_{102}^{(21)}m_{220}^{(21)}\\
&+m_{110}^{(20)}m_{102}^{(21)}m_{211}^{(11)} - 2m_{110}^{(20)}m_{102}^{(21)}m_{121}^{(10)} - m_{110}^{(20)}m_{102}^{(21)}m_{031}^{(00)} - 2m_{110}^{(20)}m_{102}^{(22)}m_{220}^{(11)}\\
&+2m_{110}^{(20)}m_{102}^{(22)}m_{130}^{(10)} - m_{110}^{(20)}m_{030}^{(00)}m_{112}^{(22)} + 2m_{110}^{(20)}m_{030}^{(00)}m_{103}^{(21)} - m_{110}^{(20)}m_{030}^{(00)}m_{013}^{(20)}\\
&+m_{110}^{(20)}m_{030}^{(20)}m_{211}^{(22)} - 2m_{110}^{(20)}m_{030}^{(20)}m_{202}^{(21)} + 2m_{110}^{(20)}m_{030}^{(20)}m_{112}^{(20)} - 2m_{110}^{(20)}m_{030}^{(20)}m_{103}^{(10)}\\
&+m_{110}^{(20)}m_{030}^{(20)}m_{013}^{(00)} - m_{110}^{(20)}m_{030}^{(22)}m_{211}^{(20)} + 2m_{110}^{(20)}m_{030}^{(22)}m_{202}^{(10)} - m_{110}^{(20)}m_{030}^{(22)}m_{112}^{(00)}\\
&+m_{110}^{(20)}m_{021}^{(00)}m_{121}^{(22)} - 2m_{110}^{(20)}m_{021}^{(00)}m_{112}^{(21)} - 2m_{110}^{(20)}m_{021}^{(00)}m_{103}^{(11)} + 2m_{110}^{(20)}m_{021}^{(00)}m_{022}^{(20)}\\
&+m_{110}^{(20)}m_{021}^{(00)}m_{013}^{(10)} + m_{110}^{(20)}m_{021}^{(10)}m_{211}^{(22)} - 2m_{110}^{(20)}m_{021}^{(10)}m_{202}^{(21)} + 2m_{110}^{(20)}m_{021}^{(10)}m_{103}^{(10)}\\
&-m_{110}^{(20)}m_{021}^{(10)}m_{013}^{(00)} - 2m_{110}^{(20)}m_{021}^{(20)}m_{220}^{(22)} + 4m_{110}^{(20)}m_{021}^{(20)}m_{211}^{(21)} + 2m_{110}^{(20)}m_{021}^{(20)}m_{202}^{(11)}\\
&-4m_{110}^{(20)}m_{021}^{(20)}m_{121}^{(20)} + 2m_{110}^{(20)}m_{021}^{(20)}m_{112}^{(10)} - 2m_{110}^{(20)}m_{021}^{(20)}m_{022}^{(00)} + 2m_{110}^{(20)}m_{021}^{(22)}m_{220}^{(20)}\\
&-5m_{110}^{(20)}m_{021}^{(22)}m_{211}^{(10)} + 3m_{110}^{(20)}m_{021}^{(22)}m_{121}^{(00)} + 3m_{110}^{(20)}m_{012}^{(00)}m_{112}^{(11)} - m_{110}^{(20)}m_{012}^{(00)}m_{031}^{(20)}\\
&-2m_{110}^{(20)}m_{012}^{(00)}m_{022}^{(10)} + 2m_{110}^{(20)}m_{012}^{(10)}m_{202}^{(11)} - 4m_{110}^{(20)}m_{012}^{(10)}m_{112}^{(10)} + 2m_{110}^{(20)}m_{012}^{(10)}m_{022}^{(00)}\\
&+m_{110}^{(20)}m_{012}^{(11)}m_{211}^{(20)} - 2m_{110}^{(20)}m_{012}^{(11)}m_{202}^{(10)} + m_{110}^{(20)}m_{012}^{(11)}m_{112}^{(00)} - 5m_{110}^{(20)}m_{012}^{(20)}m_{211}^{(11)}\\
&+2m_{110}^{(20)}m_{012}^{(20)}m_{130}^{(20)} + 2m_{110}^{(20)}m_{012}^{(20)}m_{121}^{(10)} + m_{110}^{(20)}m_{012}^{(20)}m_{031}^{(00)} - 2m_{110}^{(20)}m_{012}^{(21)}m_{220}^{(20)}\\
&+4m_{110}^{(20)}m_{012}^{(21)}m_{211}^{(10)} - 2m_{110}^{(20)}m_{012}^{(21)}m_{121}^{(00)} + 2m_{110}^{(20)}m_{012}^{(22)}m_{220}^{(10)} - 2m_{110}^{(20)}m_{012}^{(22)}m_{130}^{(00)}\\
&-m_{110}^{(20)}m_{003}^{(00)}m_{121}^{(11)} + m_{110}^{(20)}m_{003}^{(00)}m_{031}^{(10)} - m_{110}^{(20)}m_{003}^{(10)}m_{211}^{(11)} + 2m_{110}^{(20)}m_{003}^{(10)}m_{121}^{(10)}\\
&-m_{110}^{(20)}m_{003}^{(10)}m_{031}^{(00)} + m_{110}^{(20)}m_{003}^{(11)}m_{211}^{(10)} - m_{110}^{(20)}m_{003}^{(11)}m_{121}^{(00)} + 2m_{110}^{(20)}m_{003}^{(20)}m_{220}^{(11)}\\
&-2m_{110}^{(20)}m_{003}^{(20)}m_{130}^{(10)} - 2m_{110}^{(20)}m_{003}^{(21)}m_{220}^{(10)} + 2m_{110}^{(20)}m_{003}^{(21)}m_{130}^{(00)} + m_{110}^{(21)}m_{300}^{(11)}m_{112}^{(22)}\\
&+m_{110}^{(21)}m_{300}^{(11)}m_{103}^{(21)} - 2m_{110}^{(21)}m_{300}^{(11)}m_{013}^{(20)} - m_{110}^{(21)}m_{300}^{(21)}m_{121}^{(22)} - 2m_{110}^{(21)}m_{300}^{(21)}m_{112}^{(21)}\\
&-m_{110}^{(21)}m_{300}^{(21)}m_{103}^{(11)} + 2m_{110}^{(21)}m_{300}^{(21)}m_{022}^{(20)} + 2m_{110}^{(21)}m_{300}^{(21)}m_{013}^{(10)} + m_{110}^{(21)}m_{300}^{(22)}m_{121}^{(21)}\\
&+m_{110}^{(21)}m_{300}^{(22)}m_{112}^{(11)} - 2m_{110}^{(21)}m_{300}^{(22)}m_{022}^{(10)} - m_{110}^{(21)}m_{210}^{(11)}m_{202}^{(22)} + m_{110}^{(21)}m_{210}^{(11)}m_{103}^{(20)}\\
&+m_{110}^{(21)}m_{210}^{(20)}m_{121}^{(22)} - m_{110}^{(21)}m_{210}^{(20)}m_{103}^{(11)} - 2m_{110}^{(21)}m_{210}^{(20)}m_{022}^{(20)} + 2m_{110}^{(21)}m_{210}^{(20)}m_{013}^{(10)}\\
&+2m_{110}^{(21)}m_{210}^{(21)}m_{112}^{(20)} - 2m_{110}^{(21)}m_{210}^{(21)}m_{013}^{(00)} + m_{110}^{(21)}m_{210}^{(22)}m_{202}^{(11)} - m_{110}^{(21)}m_{210}^{(22)}m_{121}^{(20)}\\
&-2m_{110}^{(21)}m_{210}^{(22)}m_{112}^{(10)} + 2m_{110}^{(21)}m_{210}^{(22)}m_{022}^{(00)} - m_{110}^{(21)}m_{201}^{(10)}m_{121}^{(22)} + m_{110}^{(21)}m_{201}^{(10)}m_{103}^{(11)}\\
&+2m_{110}^{(21)}m_{201}^{(10)}m_{022}^{(20)} - 2m_{110}^{(21)}m_{201}^{(10)}m_{013}^{(10)} - m_{110}^{(21)}m_{201}^{(11)}m_{211}^{(22)} - 2m_{110}^{(21)}m_{201}^{(11)}m_{202}^{(21)}\\
&+2m_{110}^{(21)}m_{201}^{(11)}m_{112}^{(20)} - m_{110}^{(21)}m_{201}^{(11)}m_{103}^{(10)} + 2m_{110}^{(21)}m_{201}^{(11)}m_{013}^{(00)} + 2m_{110}^{(21)}m_{201}^{(21)}m_{220}^{(22)}\\
&+4m_{110}^{(21)}m_{201}^{(21)}m_{211}^{(21)} + 2m_{110}^{(21)}m_{201}^{(21)}m_{202}^{(11)} - 4m_{110}^{(21)}m_{201}^{(21)}m_{121}^{(20)} - 2m_{110}^{(21)}m_{201}^{(21)}m_{112}^{(10)}\\
&-2m_{110}^{(21)}m_{201}^{(21)}m_{022}^{(00)} - 2m_{110}^{(21)}m_{201}^{(22)}m_{220}^{(21)} - 3m_{110}^{(21)}m_{201}^{(22)}m_{211}^{(11)} + 5m_{110}^{(21)}m_{201}^{(22)}m_{121}^{(10)}\\
&-m_{110}^{(21)}m_{120}^{(00)}m_{112}^{(22)} - m_{110}^{(21)}m_{120}^{(00)}m_{103}^{(21)} + 2m_{110}^{(21)}m_{120}^{(00)}m_{013}^{(20)} + 2m_{110}^{(21)}m_{120}^{(20)}m_{202}^{(21)}\\
&-2m_{110}^{(21)}m_{120}^{(20)}m_{013}^{(00)} + m_{110}^{(21)}m_{120}^{(21)}m_{301}^{(22)} - 2m_{110}^{(21)}m_{120}^{(21)}m_{202}^{(20)} + m_{110}^{(21)}m_{120}^{(21)}m_{103}^{(00)}\\
&-m_{110}^{(21)}m_{120}^{(22)}m_{301}^{(21)} + m_{110}^{(21)}m_{120}^{(22)}m_{112}^{(00)} + m_{110}^{(21)}m_{111}^{(00)}m_{121}^{(22)} + 2m_{110}^{(21)}m_{111}^{(00)}m_{112}^{(21)}\\
&+m_{110}^{(21)}m_{111}^{(00)}m_{103}^{(11)} - 2m_{110}^{(21)}m_{111}^{(00)}m_{022}^{(20)} - 2m_{110}^{(21)}m_{111}^{(00)}m_{013}^{(10)} + 2m_{110}^{(21)}m_{111}^{(10)}m_{211}^{(22)}\\
&-4m_{110}^{(21)}m_{111}^{(10)}m_{112}^{(20)} + 2m_{110}^{(21)}m_{111}^{(10)}m_{013}^{(00)} + m_{110}^{(21)}m_{111}^{(11)}m_{301}^{(22)} - m_{110}^{(21)}m_{111}^{(11)}m_{103}^{(00)}\\
&-2m_{110}^{(21)}m_{111}^{(20)}m_{220}^{(22)} - 4m_{110}^{(21)}m_{111}^{(20)}m_{211}^{(21)} + 4m_{110}^{(21)}m_{111}^{(20)}m_{121}^{(20)} + 2m_{110}^{(21)}m_{111}^{(20)}m_{022}^{(00)}\\
&-2m_{110}^{(21)}m_{111}^{(21)}m_{310}^{(22)} + 2m_{110}^{(21)}m_{111}^{(21)}m_{112}^{(00)} + 2m_{110}^{(21)}m_{111}^{(22)}m_{310}^{(21)} - m_{110}^{(21)}m_{111}^{(22)}m_{301}^{(11)}\\
&+2m_{110}^{(21)}m_{111}^{(22)}m_{220}^{(20)} + 2m_{110}^{(21)}m_{111}^{(22)}m_{211}^{(10)} - 5m_{110}^{(21)}m_{111}^{(22)}m_{121}^{(00)} - m_{110}^{(21)}m_{102}^{(00)}m_{121}^{(21)}
\end{aligned}
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\begin{aligned}
&-m_{110}^{(21)}m_{102}^{(00)}m_{112}^{(11)}+2m_{110}^{(21)}m_{102}^{(00)}m_{022}^{(10)}-2m_{110}^{(21)}m_{102}^{(10)}m_{202}^{(11)}+4m_{110}^{(21)}m_{102}^{(10)}m_{112}^{(10)}\\
&-2m_{110}^{(21)}m_{102}^{(10)}m_{022}^{(00)}+m_{110}^{(21)}m_{102}^{(11)}m_{301}^{(21)}+2m_{110}^{(21)}m_{102}^{(11)}m_{202}^{(10)}-3m_{110}^{(21)}m_{102}^{(11)}m_{112}^{(00)}\\
&+2m_{110}^{(21)}m_{102}^{(20)}m_{220}^{(21)}+2m_{110}^{(21)}m_{102}^{(20)}m_{211}^{(11)}-4m_{110}^{(21)}m_{102}^{(20)}m_{121}^{(10)}-2m_{110}^{(21)}m_{102}^{(21)}m_{310}^{(21)}\\
&-m_{110}^{(21)}m_{102}^{(21)}m_{301}^{(11)}-2m_{110}^{(21)}m_{102}^{(21)}m_{211}^{(10)}+5m_{110}^{(21)}m_{102}^{(21)}m_{121}^{(00)}+2m_{110}^{(21)}m_{102}^{(22)}m_{310}^{(11)}\\
&-2m_{110}^{(21)}m_{102}^{(22)}m_{220}^{(10)}+m_{110}^{(21)}m_{030}^{(00)}m_{202}^{(22)}-m_{110}^{(21)}m_{030}^{(00)}m_{103}^{(20)}-m_{110}^{(21)}m_{030}^{(20)}m_{301}^{(22)}\\
&+m_{110}^{(21)}m_{030}^{(20)}m_{103}^{(00)}+m_{110}^{(21)}m_{030}^{(22)}m_{301}^{(20)}-m_{110}^{(21)}m_{030}^{(22)}m_{202}^{(00)}-m_{110}^{(21)}m_{021}^{(00)}m_{211}^{(22)}\\
&+m_{110}^{(21)}m_{021}^{(00)}m_{103}^{(10)}-m_{110}^{(21)}m_{021}^{(10)}m_{301}^{(22)}+2m_{110}^{(21)}m_{021}^{(10)}m_{202}^{(20)}-m_{110}^{(21)}m_{021}^{(10)}m_{103}^{(00)}\\
&+2m_{110}^{(21)}m_{021}^{(20)}m_{310}^{(22)}-2m_{110}^{(21)}m_{021}^{(20)}m_{202}^{(10)}-2m_{110}^{(21)}m_{021}^{(22)}m_{310}^{(20)}+m_{110}^{(21)}m_{021}^{(22)}m_{301}^{(10)}\\
&+m_{110}^{(21)}m_{021}^{(22)}m_{211}^{(00)}-m_{110}^{(21)}m_{012}^{(00)}m_{202}^{(11)}+m_{110}^{(21)}m_{012}^{(00)}m_{121}^{(20)}-m_{110}^{(21)}m_{012}^{(11)}m_{301}^{(20)}\\
&+m_{110}^{(21)}m_{012}^{(11)}m_{202}^{(00)}+m_{110}^{(21)}m_{012}^{(20)}m_{301}^{(11)}-2m_{110}^{(21)}m_{012}^{(20)}m_{220}^{(20)}+2m_{110}^{(21)}m_{012}^{(20)}m_{211}^{(10)}\\
&-m_{110}^{(21)}m_{012}^{(20)}m_{121}^{(00)}+2m_{110}^{(21)}m_{012}^{(21)}m_{310}^{(20)}-2m_{110}^{(21)}m_{012}^{(21)}m_{211}^{(00)}-2m_{110}^{(21)}m_{012}^{(22)}m_{310}^{(10)}\\
&+2m_{110}^{(21)}m_{012}^{(22)}m_{220}^{(00)}+m_{110}^{(21)}m_{003}^{(00)}m_{211}^{(11)}-m_{110}^{(21)}m_{003}^{(00)}m_{121}^{(10)}+m_{110}^{(21)}m_{003}^{(10)}m_{301}^{(11)}\\
&-2m_{110}^{(21)}m_{003}^{(10)}m_{211}^{(10)}+m_{110}^{(21)}m_{003}^{(10)}m_{121}^{(00)}-m_{110}^{(21)}m_{003}^{(11)}m_{301}^{(10)}+m_{110}^{(21)}m_{003}^{(11)}m_{211}^{(00)}\\
&-2m_{110}^{(21)}m_{003}^{(20)}m_{310}^{(11)}+2m_{110}^{(21)}m_{003}^{(20)}m_{220}^{(10)}+2m_{110}^{(21)}m_{003}^{(21)}m_{310}^{(10)}-2m_{110}^{(21)}m_{003}^{(21)}m_{220}^{(00)}\\
&-m_{110}^{(22)}m_{300}^{(11)}m_{112}^{(21)}+m_{110}^{(22)}m_{300}^{(11)}m_{022}^{(20)}+m_{110}^{(22)}m_{300}^{(21)}m_{121}^{(21)}+m_{110}^{(22)}m_{300}^{(21)}m_{112}^{(11)}\\
&-m_{110}^{(22)}m_{300}^{(21)}m_{031}^{(20)}-m_{110}^{(22)}m_{300}^{(21)}m_{022}^{(10)}-m_{110}^{(22)}m_{300}^{(22)}m_{121}^{(11)}+m_{110}^{(22)}m_{300}^{(22)}m_{031}^{(10)}\\
&+m_{110}^{(22)}m_{210}^{(11)}m_{202}^{(21)}-m_{110}^{(22)}m_{210}^{(11)}m_{112}^{(20)}-m_{110}^{(22)}m_{210}^{(20)}m_{121}^{(21)}+m_{110}^{(22)}m_{210}^{(20)}m_{112}^{(11)}\\
&+m_{110}^{(22)}m_{210}^{(20)}m_{031}^{(20)}-m_{110}^{(22)}m_{210}^{(20)}m_{022}^{(10)}-m_{110}^{(22)}m_{210}^{(21)}m_{202}^{(11)}+m_{110}^{(22)}m_{210}^{(21)}m_{022}^{(00)}\\
&+m_{110}^{(22)}m_{210}^{(22)}m_{121}^{(10)}-m_{110}^{(22)}m_{210}^{(22)}m_{031}^{(00)}+m_{110}^{(22)}m_{201}^{(10)}m_{121}^{(21)}-m_{110}^{(22)}m_{201}^{(10)}m_{112}^{(11)}\\
&-m_{110}^{(22)}m_{201}^{(10)}m_{031}^{(20)}+m_{110}^{(22)}m_{201}^{(10)}m_{022}^{(10)}+m_{110}^{(22)}m_{201}^{(11)}m_{211}^{(21)}-m_{110}^{(22)}m_{201}^{(11)}m_{121}^{(20)}\\
&+m_{110}^{(22)}m_{201}^{(11)}m_{112}^{(10)}-m_{110}^{(22)}m_{201}^{(11)}m_{022}^{(00)}-2m_{110}^{(22)}m_{201}^{(21)}m_{220}^{(21)}-m_{110}^{(22)}m_{201}^{(21)}m_{211}^{(11)}\\
&+2m_{110}^{(22)}m_{201}^{(21)}m_{130}^{(20)}+m_{110}^{(22)}m_{201}^{(21)}m_{031}^{(00)}+2m_{110}^{(22)}m_{201}^{(22)}m_{220}^{(11)}-2m_{110}^{(22)}m_{201}^{(22)}m_{130}^{(10)}\\
&+m_{110}^{(22)}m_{120}^{(00)}m_{112}^{(21)}-m_{110}^{(22)}m_{120}^{(00)}m_{022}^{(20)}-m_{110}^{(22)}m_{120}^{(20)}m_{202}^{(11)}+m_{110}^{(22)}m_{120}^{(20)}m_{022}^{(00)}\\
&-m_{110}^{(22)}m_{120}^{(21)}m_{301}^{(21)}+m_{110}^{(22)}m_{120}^{(21)}m_{211}^{(20)}+m_{110}^{(22)}m_{120}^{(21)}m_{202}^{(10)}-m_{110}^{(22)}m_{120}^{(21)}m_{112}^{(00)}\\
&+m_{110}^{(22)}m_{120}^{(22)}m_{301}^{(11)}-m_{110}^{(22)}m_{120}^{(22)}m_{211}^{(10)}-m_{110}^{(22)}m_{111}^{(00)}m_{121}^{(21)}-m_{110}^{(22)}m_{111}^{(00)}m_{112}^{(11)}\\
&+m_{110}^{(22)}m_{111}^{(00)}m_{031}^{(20)}+m_{110}^{(22)}m_{111}^{(00)}m_{022}^{(10)}-2m_{110}^{(22)}m_{111}^{(10)}m_{211}^{(21)}+m_{110}^{(22)}m_{111}^{(10)}m_{202}^{(11)}\\
&+2m_{110}^{(22)}m_{111}^{(10)}m_{121}^{(20)}-m_{110}^{(22)}m_{111}^{(10)}m_{022}^{(00)}-m_{110}^{(22)}m_{111}^{(11)}m_{301}^{(21)}+m_{110}^{(22)}m_{111}^{(11)}m_{211}^{(20)}\\
&-m_{110}^{(22)}m_{111}^{(11)}m_{202}^{(10)}+m_{110}^{(22)}m_{111}^{(11)}m_{112}^{(00)}+2m_{110}^{(22)}m_{111}^{(20)}m_{220}^{(21)}+m_{110}^{(22)}m_{111}^{(20)}m_{211}^{(11)}\\
&-2m_{110}^{(22)}m_{111}^{(20)}m_{130}^{(20)}-m_{110}^{(22)}m_{111}^{(20)}m_{031}^{(00)}+2m_{110}^{(22)}m_{111}^{(21)}m_{310}^{(21)}+m_{110}^{(22)}m_{111}^{(21)}m_{301}^{(11)}\\
&-2m_{110}^{(22)}m_{111}^{(21)}m_{220}^{(20)}-m_{110}^{(22)}m_{111}^{(21)}m_{121}^{(00)}-2m_{110}^{(22)}m_{111}^{(22)}m_{310}^{(11)}+2m_{110}^{(22)}m_{111}^{(22)}m_{130}^{(00)}\\
&+m_{110}^{(22)}m_{102}^{(00)}m_{121}^{(11)}-m_{110}^{(22)}m_{102}^{(00)}m_{031}^{(10)}+m_{110}^{(22)}m_{102}^{(10)}m_{211}^{(11)}-2m_{110}^{(22)}m_{102}^{(10)}m_{121}^{(10)}\\
&+m_{110}^{(22)}m_{102}^{(10)}m_{031}^{(00)}-m_{110}^{(22)}m_{102}^{(11)}m_{211}^{(10)}+m_{110}^{(22)}m_{102}^{(11)}m_{121}^{(00)}-2m_{110}^{(22)}m_{102}^{(20)}m_{220}^{(11)}\\
&+2m_{110}^{(22)}m_{102}^{(20)}m_{130}^{(10)}+2m_{110}^{(22)}m_{102}^{(21)}m_{220}^{(10)}-2m_{110}^{(22)}m_{102}^{(21)}m_{130}^{(00)}-m_{110}^{(22)}m_{030}^{(00)}m_{202}^{(21)}\\
&+m_{110}^{(22)}m_{030}^{(00)}m_{112}^{(20)}+m_{110}^{(22)}m_{030}^{(20)}m_{301}^{(21)}-m_{110}^{(22)}m_{030}^{(20)}m_{211}^{(20)}+m_{110}^{(22)}m_{030}^{(20)}m_{202}^{(10)}\\
&-m_{110}^{(22)}m_{030}^{(20)}m_{112}^{(00)}-m_{110}^{(22)}m_{030}^{(22)}m_{301}^{(10)}+m_{110}^{(22)}m_{030}^{(22)}m_{211}^{(00)}+m_{110}^{(22)}m_{021}^{(00)}m_{211}^{(21)}\\
&+m_{110}^{(22)}m_{021}^{(00)}m_{202}^{(11)}-m_{110}^{(22)}m_{021}^{(00)}m_{121}^{(20)}-m_{110}^{(22)}m_{021}^{(00)}m_{112}^{(10)}+m_{110}^{(22)}m_{021}^{(10)}m_{301}^{(21)}\\
&-m_{110}^{(22)}m_{021}^{(10)}m_{211}^{(20)}-m_{110}^{(22)}m_{021}^{(10)}m_{202}^{(10)}+m_{110}^{(22)}m_{021}^{(10)}m_{112}^{(00)}-2m_{110}^{(22)}m_{021}^{(20)}m_{310}^{(21)}\\
&-m_{110}^{(22)}m_{021}^{(20)}m_{301}^{(11)}+2m_{110}^{(22)}m_{021}^{(20)}m_{220}^{(20)}+m_{110}^{(22)}m_{021}^{(20)}m_{121}^{(00)}+2m_{110}^{(22)}m_{021}^{(22)}m_{310}^{(10)}
\end{aligned}
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\begin{aligned}
&-2m_{110}^{(22)}m_{021}^{(22)}m_{220}^{(00)} - m_{110}^{(22)}m_{012}^{(00)}m_{211}^{(11)} + m_{110}^{(22)}m_{012}^{(00)}m_{121}^{(10)} - m_{110}^{(22)}m_{012}^{(10)}m_{301}^{(11)}\\
&+2m_{110}^{(22)}m_{012}^{(10)}m_{211}^{(10)} - m_{110}^{(22)}m_{012}^{(10)}m_{121}^{(00)} + m_{110}^{(22)}m_{012}^{(11)}m_{301}^{(10)} - m_{110}^{(22)}m_{012}^{(11)}m_{211}^{(00)}\\
&+2m_{110}^{(22)}m_{012}^{(20)}m_{310}^{(11)} - 2m_{110}^{(22)}m_{012}^{(20)}m_{220}^{(10)} - 2m_{110}^{(22)}m_{012}^{(21)}m_{310}^{(10)} + 2m_{110}^{(22)}m_{012}^{(21)}m_{220}^{(00)}\\
&+m_{101}^{(00)}m_{210}^{(11)}m_{022}^{(22)} - m_{101}^{(00)}m_{210}^{(11)}m_{013}^{(21)} - m_{101}^{(00)}m_{210}^{(21)}m_{031}^{(22)} + m_{101}^{(00)}m_{210}^{(21)}m_{013}^{(11)}\\
&+m_{101}^{(00)}m_{210}^{(22)}m_{031}^{(21)} - m_{101}^{(00)}m_{210}^{(22)}m_{022}^{(11)} - m_{101}^{(00)}m_{201}^{(11)}m_{031}^{(22)} + m_{101}^{(00)}m_{201}^{(11)}m_{022}^{(21)}\\
&+m_{101}^{(00)}m_{201}^{(21)}m_{040}^{(22)} - m_{101}^{(00)}m_{201}^{(21)}m_{022}^{(11)} - m_{101}^{(00)}m_{201}^{(22)}m_{040}^{(21)} + m_{101}^{(00)}m_{201}^{(22)}m_{031}^{(11)}\\
&-2m_{101}^{(00)}m_{120}^{(11)}m_{112}^{(22)} + 2m_{101}^{(00)}m_{120}^{(11)}m_{103}^{(21)} + m_{101}^{(00)}m_{120}^{(20)}m_{031}^{(22)} - 2m_{101}^{(00)}m_{120}^{(20)}m_{022}^{(21)}\\
&+m_{101}^{(00)}m_{120}^{(20)}m_{013}^{(11)} + m_{101}^{(00)}m_{120}^{(21)}m_{121}^{(22)} + m_{101}^{(00)}m_{120}^{(21)}m_{112}^{(21)} - 2m_{101}^{(00)}m_{120}^{(21)}m_{103}^{(11)}\\
&+m_{101}^{(00)}m_{120}^{(21)}m_{022}^{(20)} - m_{101}^{(00)}m_{120}^{(21)}m_{013}^{(10)} - m_{101}^{(00)}m_{120}^{(22)}m_{121}^{(21)} + m_{101}^{(00)}m_{120}^{(22)}m_{112}^{(11)}\\
&-m_{101}^{(00)}m_{120}^{(22)}m_{031}^{(20)} + m_{101}^{(00)}m_{120}^{(22)}m_{022}^{(10)} - m_{101}^{(00)}m_{111}^{(10)}m_{031}^{(22)} + 2m_{101}^{(00)}m_{111}^{(10)}m_{022}^{(21)}\\
&-m_{101}^{(00)}m_{111}^{(10)}m_{013}^{(11)} + 3m_{101}^{(00)}m_{111}^{(11)}m_{121}^{(22)} - 3m_{101}^{(00)}m_{111}^{(11)}m_{112}^{(21)} - m_{101}^{(00)}m_{111}^{(11)}m_{022}^{(20)}\\
&+m_{101}^{(00)}m_{111}^{(11)}m_{013}^{(10)} - m_{101}^{(00)}m_{111}^{(20)}m_{040}^{(22)} + 2m_{101}^{(00)}m_{111}^{(20)}m_{031}^{(21)} - m_{101}^{(00)}m_{111}^{(20)}m_{022}^{(11)}\\
&-m_{101}^{(00)}m_{111}^{(21)}m_{130}^{(22)} - 2m_{101}^{(00)}m_{111}^{(21)}m_{121}^{(21)} + 3m_{101}^{(00)}m_{111}^{(21)}m_{112}^{(11)} + m_{101}^{(00)}m_{111}^{(22)}m_{130}^{(21)}\\
&-m_{101}^{(00)}m_{111}^{(22)}m_{121}^{(11)} + m_{101}^{(00)}m_{111}^{(22)}m_{040}^{(20)} - m_{101}^{(00)}m_{111}^{(22)}m_{031}^{(10)} + m_{101}^{(00)}m_{102}^{(10)}m_{040}^{(22)}\\
&-2m_{101}^{(00)}m_{102}^{(10)}m_{031}^{(21)} + m_{101}^{(00)}m_{102}^{(10)}m_{022}^{(11)} - m_{101}^{(00)}m_{102}^{(11)}m_{130}^{(22)} + m_{101}^{(00)}m_{102}^{(11)}m_{121}^{(21)}\\
&+m_{101}^{(00)}m_{102}^{(11)}m_{031}^{(20)} - m_{101}^{(00)}m_{102}^{(11)}m_{022}^{(10)} + m_{101}^{(00)}m_{102}^{(21)}m_{130}^{(21)} - m_{101}^{(00)}m_{102}^{(21)}m_{121}^{(11)}\\
&-m_{101}^{(00)}m_{102}^{(21)}m_{040}^{(20)} + m_{101}^{(00)}m_{102}^{(21)}m_{031}^{(10)} - m_{101}^{(00)}m_{030}^{(00)}m_{022}^{(22)} + m_{101}^{(00)}m_{030}^{(00)}m_{013}^{(21)}\\
&+2m_{101}^{(00)}m_{030}^{(10)}m_{112}^{(22)} - 2m_{101}^{(00)}m_{030}^{(10)}m_{103}^{(21)} - m_{101}^{(00)}m_{030}^{(20)}m_{121}^{(22)} + m_{101}^{(00)}m_{030}^{(20)}m_{112}^{(21)}\\
&+m_{101}^{(00)}m_{030}^{(20)}m_{022}^{(20)} - m_{101}^{(00)}m_{030}^{(20)}m_{013}^{(10)} - 2m_{101}^{(00)}m_{030}^{(21)}m_{112}^{(20)} + 2m_{101}^{(00)}m_{030}^{(21)}m_{103}^{(10)}\\
&+m_{101}^{(00)}m_{030}^{(22)}m_{121}^{(20)} - m_{101}^{(00)}m_{030}^{(22)}m_{112}^{(10)} + 2m_{101}^{(00)}m_{021}^{(00)}m_{031}^{(22)} - m_{101}^{(00)}m_{021}^{(00)}m_{022}^{(21)}\\
&-m_{101}^{(00)}m_{021}^{(00)}m_{013}^{(11)} - 3m_{101}^{(00)}m_{021}^{(10)}m_{121}^{(22)} + m_{101}^{(00)}m_{021}^{(10)}m_{112}^{(21)} + 2m_{101}^{(00)}m_{021}^{(10)}m_{103}^{(11)}\\
&-m_{101}^{(00)}m_{021}^{(10)}m_{022}^{(20)} + m_{101}^{(00)}m_{021}^{(10)}m_{013}^{(10)} + 2m_{101}^{(00)}m_{021}^{(11)}m_{112}^{(20)} - 2m_{101}^{(00)}m_{021}^{(11)}m_{103}^{(10)}\\
&+m_{101}^{(00)}m_{021}^{(20)}m_{130}^{(22)} - m_{101}^{(00)}m_{021}^{(20)}m_{112}^{(11)} - 2m_{101}^{(00)}m_{021}^{(20)}m_{031}^{(20)} + 2m_{101}^{(00)}m_{021}^{(20)}m_{022}^{(10)}\\
&+2m_{101}^{(00)}m_{021}^{(21)}m_{121}^{(20)} - 2m_{101}^{(00)}m_{021}^{(21)}m_{112}^{(10)} - m_{101}^{(00)}m_{021}^{(22)}m_{130}^{(20)} + m_{101}^{(00)}m_{021}^{(22)}m_{121}^{(10)}\\
&-m_{101}^{(00)}m_{012}^{(00)}m_{040}^{(22)} - m_{101}^{(00)}m_{012}^{(00)}m_{031}^{(21)} + 2m_{101}^{(00)}m_{012}^{(00)}m_{022}^{(11)} + m_{101}^{(00)}m_{012}^{(10)}m_{130}^{(22)}\\
&+2m_{101}^{(00)}m_{012}^{(10)}m_{121}^{(21)} - 3m_{101}^{(00)}m_{012}^{(10)}m_{112}^{(11)} + 2m_{101}^{(00)}m_{012}^{(10)}m_{031}^{(20)} - 2m_{101}^{(00)}m_{012}^{(10)}m_{022}^{(10)}\\
&-3m_{101}^{(00)}m_{012}^{(11)}m_{121}^{(20)} + 3m_{101}^{(00)}m_{012}^{(11)}m_{112}^{(10)} - m_{101}^{(00)}m_{012}^{(20)}m_{130}^{(21)} + m_{101}^{(00)}m_{012}^{(20)}m_{121}^{(11)}\\
&+m_{101}^{(00)}m_{012}^{(20)}m_{040}^{(20)} - m_{101}^{(00)}m_{012}^{(20)}m_{031}^{(10)} + m_{101}^{(00)}m_{003}^{(00)}m_{040}^{(21)} - m_{101}^{(00)}m_{003}^{(00)}m_{031}^{(11)}\\
&-m_{101}^{(00)}m_{003}^{(10)}m_{130}^{(21)} + m_{101}^{(00)}m_{003}^{(10)}m_{121}^{(11)} - m_{101}^{(00)}m_{003}^{(10)}m_{040}^{(20)} + m_{101}^{(00)}m_{003}^{(10)}m_{031}^{(10)}\\
&+m_{101}^{(00)}m_{003}^{(11)}m_{130}^{(20)} - m_{101}^{(00)}m_{003}^{(11)}m_{121}^{(10)} - m_{101}^{(10)}m_{300}^{(11)}m_{022}^{(22)} + m_{101}^{(10)}m_{300}^{(11)}m_{013}^{(21)}\\
&+m_{101}^{(10)}m_{300}^{(21)}m_{031}^{(22)} - m_{101}^{(10)}m_{300}^{(21)}m_{013}^{(11)} - m_{101}^{(10)}m_{300}^{(22)}m_{031}^{(21)} + m_{101}^{(10)}m_{300}^{(22)}m_{022}^{(11)}\\
&+m_{101}^{(10)}m_{210}^{(11)}m_{112}^{(22)} - 2m_{101}^{(10)}m_{210}^{(11)}m_{103}^{(21)} + m_{101}^{(10)}m_{210}^{(11)}m_{013}^{(20)} - m_{101}^{(10)}m_{210}^{(20)}m_{031}^{(22)}\\
&+2m_{101}^{(10)}m_{210}^{(20)}m_{022}^{(21)} - m_{101}^{(10)}m_{210}^{(20)}m_{013}^{(11)} + 2m_{101}^{(10)}m_{210}^{(21)}m_{103}^{(11)} - 2m_{101}^{(10)}m_{210}^{(21)}m_{022}^{(20)}\\
&-m_{101}^{(10)}m_{210}^{(22)}m_{112}^{(11)} + m_{101}^{(10)}m_{210}^{(22)}m_{031}^{(20)} + m_{101}^{(10)}m_{201}^{(10)}m_{031}^{(22)} - 2m_{101}^{(10)}m_{201}^{(10)}m_{022}^{(21)}\\
&+m_{101}^{(10)}m_{201}^{(10)}m_{013}^{(11)} + m_{101}^{(10)}m_{201}^{(11)}m_{121}^{(22)} - m_{101}^{(10)}m_{201}^{(11)}m_{013}^{(10)} - 2m_{101}^{(10)}m_{201}^{(21)}m_{130}^{(22)}\\
&+2m_{101}^{(10)}m_{201}^{(21)}m_{022}^{(10)} + 2m_{101}^{(10)}m_{201}^{(22)}m_{130}^{(21)} - m_{101}^{(10)}m_{201}^{(22)}m_{121}^{(11)} - m_{101}^{(10)}m_{201}^{(22)}m_{031}^{(10)}\\
&+m_{101}^{(10)}m_{120}^{(00)}m_{022}^{(22)} - m_{101}^{(10)}m_{120}^{(00)}m_{013}^{(21)} - 2m_{101}^{(10)}m_{120}^{(10)}m_{112}^{(22)} + 2m_{101}^{(10)}m_{120}^{(10)}m_{103}^{(21)}\\
&+2m_{101}^{(10)}m_{120}^{(11)}m_{202}^{(22)} - 2m_{101}^{(10)}m_{120}^{(11)}m_{103}^{(20)} - m_{101}^{(10)}m_{120}^{(21)}m_{211}^{(22)} - 2m_{101}^{(10)}m_{120}^{(21)}m_{202}^{(21)}
\end{aligned}
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\begin{aligned}
&+2m_{101}^{(10)}m_{120}^{(21)}m_{112}^{(20)}+m_{101}^{(10)}m_{120}^{(21)}m_{013}^{(00)}+m_{101}^{(10)}m_{120}^{(22)}m_{211}^{(21)}-m_{101}^{(10)}m_{120}^{(22)}m_{022}^{(00)}\\
&-m_{101}^{(10)}m_{111}^{(00)}m_{031}^{(22)}+m_{101}^{(10)}m_{111}^{(00)}m_{013}^{(11)}+2m_{101}^{(10)}m_{111}^{(10)}m_{121}^{(22)}-2m_{101}^{(10)}m_{111}^{(10)}m_{103}^{(11)}\\
&-5m_{101}^{(10)}m_{111}^{(11)}m_{211}^{(22)}+2m_{101}^{(10)}m_{111}^{(11)}m_{202}^{(21)}+2m_{101}^{(10)}m_{111}^{(11)}m_{112}^{(20)}+2m_{101}^{(10)}m_{111}^{(11)}m_{103}^{(10)}\\
&-m_{101}^{(10)}m_{111}^{(11)}m_{013}^{(00)}+2m_{101}^{(10)}m_{111}^{(20)}m_{130}^{(22)}-4m_{101}^{(10)}m_{111}^{(20)}m_{121}^{(21)}+2m_{101}^{(10)}m_{111}^{(20)}m_{112}^{(11)}\\
&+2m_{101}^{(10)}m_{111}^{(21)}m_{220}^{(22)}+4m_{101}^{(10)}m_{111}^{(21)}m_{211}^{(21)}-2m_{101}^{(10)}m_{111}^{(21)}m_{202}^{(11)}-4m_{101}^{(10)}m_{111}^{(21)}m_{112}^{(10)}\\
&-2m_{101}^{(10)}m_{111}^{(22)}m_{220}^{(21)}+m_{101}^{(10)}m_{111}^{(22)}m_{211}^{(11)}-2m_{101}^{(10)}m_{111}^{(22)}m_{130}^{(20)}+2m_{101}^{(10)}m_{111}^{(22)}m_{121}^{(10)}\\
&+m_{101}^{(10)}m_{111}^{(22)}m_{031}^{(00)}+m_{101}^{(10)}m_{102}^{(00)}m_{031}^{(21)}-m_{101}^{(10)}m_{102}^{(00)}m_{022}^{(11)}-2m_{101}^{(10)}m_{102}^{(10)}m_{130}^{(22)}\\
&+2m_{101}^{(10)}m_{102}^{(10)}m_{121}^{(21)}+2m_{101}^{(10)}m_{102}^{(11)}m_{220}^{(22)}-m_{101}^{(10)}m_{102}^{(11)}m_{211}^{(21)}-2m_{101}^{(10)}m_{102}^{(11)}m_{121}^{(20)}\\
&+m_{101}^{(10)}m_{102}^{(11)}m_{022}^{(00)}-2m_{101}^{(10)}m_{102}^{(21)}m_{220}^{(21)}+m_{101}^{(10)}m_{102}^{(21)}m_{211}^{(11)}+2m_{101}^{(10)}m_{102}^{(21)}m_{130}^{(20)}\\
&-m_{101}^{(10)}m_{102}^{(21)}m_{031}^{(00)}+m_{101}^{(10)}m_{030}^{(00)}m_{112}^{(22)}-m_{101}^{(10)}m_{030}^{(00)}m_{013}^{(20)}-2m_{101}^{(10)}m_{030}^{(10)}m_{202}^{(22)}\\
&+2m_{101}^{(10)}m_{030}^{(10)}m_{103}^{(20)}+m_{101}^{(10)}m_{030}^{(20)}m_{211}^{(22)}-2m_{101}^{(10)}m_{030}^{(20)}m_{112}^{(20)}+m_{101}^{(10)}m_{030}^{(20)}m_{013}^{(00)}\\
&+2m_{101}^{(10)}m_{030}^{(21)}m_{202}^{(20)}-2m_{101}^{(10)}m_{030}^{(21)}m_{103}^{(00)}-m_{101}^{(10)}m_{030}^{(22)}m_{211}^{(20)}+m_{101}^{(10)}m_{030}^{(22)}m_{112}^{(00)}\\
&-3m_{101}^{(10)}m_{021}^{(00)}m_{121}^{(22)}+2m_{101}^{(10)}m_{021}^{(00)}m_{022}^{(20)}+m_{101}^{(10)}m_{021}^{(00)}m_{013}^{(10)}+5m_{101}^{(10)}m_{021}^{(10)}m_{211}^{(22)}\\
&-2m_{101}^{(10)}m_{021}^{(10)}m_{112}^{(20)}-2m_{101}^{(10)}m_{021}^{(10)}m_{103}^{(10)}-m_{101}^{(10)}m_{021}^{(10)}m_{013}^{(00)}-2m_{101}^{(10)}m_{021}^{(11)}m_{202}^{(20)}\\
&+2m_{101}^{(10)}m_{021}^{(11)}m_{103}^{(00)}-2m_{101}^{(10)}m_{021}^{(20)}m_{220}^{(22)}+4m_{101}^{(10)}m_{021}^{(20)}m_{121}^{(20)}-2m_{101}^{(10)}m_{021}^{(20)}m_{022}^{(00)}\\
&-4m_{101}^{(10)}m_{021}^{(21)}m_{211}^{(20)}+2m_{101}^{(10)}m_{021}^{(21)}m_{202}^{(10)}+2m_{101}^{(10)}m_{021}^{(21)}m_{112}^{(00)}+2m_{101}^{(10)}m_{021}^{(22)}m_{220}^{(20)}\\
&-m_{101}^{(10)}m_{021}^{(22)}m_{211}^{(10)}-m_{101}^{(10)}m_{021}^{(22)}m_{121}^{(00)}+2m_{101}^{(10)}m_{012}^{(00)}m_{130}^{(22)}+2m_{101}^{(10)}m_{012}^{(00)}m_{121}^{(21)}\\
&-m_{101}^{(10)}m_{012}^{(00)}m_{112}^{(11)}-m_{101}^{(10)}m_{012}^{(00)}m_{031}^{(20)}-2m_{101}^{(10)}m_{012}^{(00)}m_{022}^{(10)}-2m_{101}^{(10)}m_{012}^{(10)}m_{220}^{(22)}\\
&-4m_{101}^{(10)}m_{012}^{(10)}m_{211}^{(21)}+2m_{101}^{(10)}m_{012}^{(10)}m_{202}^{(11)}-2m_{101}^{(10)}m_{012}^{(10)}m_{121}^{(20)}+4m_{101}^{(10)}m_{012}^{(10)}m_{112}^{(10)}\\
&+2m_{101}^{(10)}m_{012}^{(10)}m_{022}^{(00)}+5m_{101}^{(10)}m_{012}^{(11)}m_{211}^{(20)}-2m_{101}^{(10)}m_{012}^{(11)}m_{202}^{(10)}-3m_{101}^{(10)}m_{012}^{(11)}m_{112}^{(00)}\\
&+2m_{101}^{(10)}m_{012}^{(20)}m_{220}^{(21)}-m_{101}^{(10)}m_{012}^{(20)}m_{211}^{(11)}-2m_{101}^{(10)}m_{012}^{(20)}m_{130}^{(20)}+m_{101}^{(10)}m_{012}^{(20)}m_{031}^{(00)}\\
&-2m_{101}^{(10)}m_{003}^{(00)}m_{130}^{(21)}+m_{101}^{(10)}m_{003}^{(00)}m_{121}^{(11)}+m_{101}^{(10)}m_{003}^{(00)}m_{031}^{(10)}+2m_{101}^{(10)}m_{003}^{(10)}m_{220}^{(21)}\\
&-m_{101}^{(10)}m_{003}^{(10)}m_{211}^{(11)}+2m_{101}^{(10)}m_{003}^{(10)}m_{130}^{(20)}-2m_{101}^{(10)}m_{003}^{(10)}m_{121}^{(10)}-m_{101}^{(10)}m_{003}^{(10)}m_{031}^{(00)}\\
&-2m_{101}^{(10)}m_{003}^{(11)}m_{220}^{(20)}+m_{101}^{(10)}m_{003}^{(11)}m_{211}^{(10)}+m_{101}^{(10)}m_{003}^{(11)}m_{121}^{(00)}+m_{101}^{(11)}m_{300}^{(11)}m_{112}^{(22)}\\
&-m_{101}^{(11)}m_{300}^{(11)}m_{013}^{(20)}-m_{101}^{(11)}m_{300}^{(21)}m_{121}^{(22)}-m_{101}^{(11)}m_{300}^{(21)}m_{112}^{(21)}+m_{101}^{(11)}m_{300}^{(21)}m_{022}^{(20)}\\
&+m_{101}^{(11)}m_{300}^{(21)}m_{013}^{(10)}+m_{101}^{(11)}m_{300}^{(22)}m_{121}^{(21)}-m_{101}^{(11)}m_{300}^{(22)}m_{022}^{(10)}-2m_{101}^{(11)}m_{210}^{(11)}m_{202}^{(22)}\\
&+2m_{101}^{(11)}m_{210}^{(11)}m_{103}^{(20)}+m_{101}^{(11)}m_{210}^{(20)}m_{121}^{(22)}-m_{101}^{(11)}m_{210}^{(20)}m_{112}^{(21)}-m_{101}^{(11)}m_{210}^{(20)}m_{022}^{(20)}\\
&+m_{101}^{(11)}m_{210}^{(20)}m_{013}^{(10)}+m_{101}^{(11)}m_{210}^{(21)}m_{211}^{(22)}+2m_{101}^{(11)}m_{210}^{(21)}m_{202}^{(21)}-2m_{101}^{(11)}m_{210}^{(21)}m_{103}^{(10)}\\
&-m_{101}^{(11)}m_{210}^{(21)}m_{013}^{(00)}-m_{101}^{(11)}m_{210}^{(22)}m_{211}^{(21)}-m_{101}^{(11)}m_{210}^{(22)}m_{121}^{(20)}+m_{101}^{(11)}m_{210}^{(22)}m_{112}^{(10)}\\
&+m_{101}^{(11)}m_{210}^{(22)}m_{022}^{(00)}-m_{101}^{(11)}m_{201}^{(10)}m_{121}^{(22)}+m_{101}^{(11)}m_{201}^{(10)}m_{112}^{(21)}+m_{101}^{(11)}m_{201}^{(10)}m_{022}^{(20)}\\
&-m_{101}^{(11)}m_{201}^{(10)}m_{013}^{(10)}-m_{101}^{(11)}m_{201}^{(11)}m_{112}^{(20)}+m_{101}^{(11)}m_{201}^{(11)}m_{013}^{(00)}+m_{101}^{(11)}m_{201}^{(21)}m_{220}^{(22)}\\
&-m_{101}^{(11)}m_{201}^{(21)}m_{022}^{(00)}-m_{101}^{(11)}m_{201}^{(22)}m_{220}^{(21)}+m_{101}^{(11)}m_{201}^{(22)}m_{121}^{(10)}-m_{101}^{(11)}m_{120}^{(00)}m_{112}^{(22)}\\
&+m_{101}^{(11)}m_{120}^{(00)}m_{013}^{(20)}+2m_{101}^{(11)}m_{120}^{(10)}m_{202}^{(22)}-2m_{101}^{(11)}m_{120}^{(10)}m_{103}^{(20)}-m_{101}^{(11)}m_{120}^{(20)}m_{211}^{(22)}\\
&+2m_{101}^{(11)}m_{120}^{(20)}m_{112}^{(20)}-m_{101}^{(11)}m_{120}^{(20)}m_{013}^{(00)}-2m_{101}^{(11)}m_{120}^{(21)}m_{202}^{(20)}+2m_{101}^{(11)}m_{120}^{(21)}m_{103}^{(00)}\\
&+m_{101}^{(11)}m_{120}^{(22)}m_{211}^{(20)}-m_{101}^{(11)}m_{120}^{(22)}m_{112}^{(00)}+m_{101}^{(11)}m_{111}^{(00)}m_{121}^{(22)}+m_{101}^{(11)}m_{111}^{(00)}m_{112}^{(21)}\\
&-m_{101}^{(11)}m_{111}^{(00)}m_{022}^{(20)}-m_{101}^{(11)}m_{111}^{(00)}m_{013}^{(10)}-m_{101}^{(11)}m_{111}^{(10)}m_{211}^{(22)}-2m_{101}^{(11)}m_{111}^{(10)}m_{202}^{(21)}\\
&+2m_{101}^{(11)}m_{111}^{(10)}m_{103}^{(10)}+m_{101}^{(11)}m_{111}^{(10)}m_{013}^{(00)}+2m_{101}^{(11)}m_{111}^{(11)}m_{301}^{(22)}-2m_{101}^{(11)}m_{111}^{(11)}m_{103}^{(00)}\\
&-m_{101}^{(11)}m_{111}^{(20)}m_{220}^{(22)}+2m_{101}^{(11)}m_{111}^{(20)}m_{211}^{(21)}-2m_{101}^{(11)}m_{111}^{(20)}m_{112}^{(10)}+m_{101}^{(11)}m_{111}^{(20)}m_{022}^{(00)}
\end{aligned}
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\begin{aligned}
&-m_{101}^{(11)}m_{111}^{(21)}m_{310}^{(22)} - 2m_{101}^{(11)}m_{111}^{(21)}m_{301}^{(21)} + 2m_{101}^{(11)}m_{111}^{(21)}m_{202}^{(10)} + m_{101}^{(11)}m_{111}^{(21)}m_{112}^{(00)}\\
&+m_{101}^{(11)}m_{111}^{(22)}m_{310}^{(21)} + m_{101}^{(11)}m_{111}^{(22)}m_{220}^{(20)} - m_{101}^{(11)}m_{111}^{(22)}m_{211}^{(10)} - m_{101}^{(11)}m_{111}^{(22)}m_{121}^{(00)}\\
&-m_{101}^{(11)}m_{102}^{(00)}m_{121}^{(21)} + m_{101}^{(11)}m_{102}^{(00)}m_{022}^{(10)} + m_{101}^{(11)}m_{102}^{(10)}m_{220}^{(22)} - m_{101}^{(11)}m_{102}^{(10)}m_{022}^{(00)}\\
&-m_{101}^{(11)}m_{102}^{(11)}m_{310}^{(22)} + m_{101}^{(11)}m_{102}^{(11)}m_{211}^{(20)} + m_{101}^{(11)}m_{102}^{(21)}m_{310}^{(21)} - m_{101}^{(11)}m_{102}^{(21)}m_{220}^{(20)}\\
&-m_{101}^{(11)}m_{102}^{(21)}m_{211}^{(10)} + m_{101}^{(11)}m_{102}^{(21)}m_{121}^{(00)} + m_{101}^{(11)}m_{021}^{(00)}m_{211}^{(22)} - m_{101}^{(11)}m_{021}^{(00)}m_{112}^{(20)}\\
&-2m_{101}^{(11)}m_{021}^{(10)}m_{301}^{(22)} + 2m_{101}^{(11)}m_{021}^{(10)}m_{202}^{(20)} + m_{101}^{(11)}m_{021}^{(20)}m_{310}^{(22)} - 2m_{101}^{(11)}m_{021}^{(20)}m_{211}^{(20)}\\
&+m_{101}^{(11)}m_{021}^{(20)}m_{112}^{(00)} + 2m_{101}^{(11)}m_{021}^{(21)}m_{301}^{(20)} - 2m_{101}^{(11)}m_{021}^{(21)}m_{202}^{(00)} - m_{101}^{(11)}m_{021}^{(22)}m_{310}^{(20)}\\
&+m_{101}^{(11)}m_{021}^{(22)}m_{211}^{(00)} - m_{101}^{(11)}m_{012}^{(00)}m_{220}^{(22)} - m_{101}^{(11)}m_{012}^{(00)}m_{211}^{(21)} + m_{101}^{(11)}m_{012}^{(00)}m_{121}^{(20)}\\
&+m_{101}^{(11)}m_{012}^{(00)}m_{112}^{(10)} + m_{101}^{(11)}m_{012}^{(10)}m_{310}^{(22)} + 2m_{101}^{(11)}m_{012}^{(10)}m_{301}^{(21)} - 2m_{101}^{(11)}m_{012}^{(10)}m_{202}^{(10)}\\
&-m_{101}^{(11)}m_{012}^{(10)}m_{112}^{(00)} - 2m_{101}^{(11)}m_{012}^{(11)}m_{301}^{(20)} + 2m_{101}^{(11)}m_{012}^{(11)}m_{202}^{(00)} - m_{101}^{(11)}m_{012}^{(20)}m_{310}^{(21)}\\
&+m_{101}^{(11)}m_{012}^{(20)}m_{220}^{(20)} + m_{101}^{(11)}m_{012}^{(20)}m_{211}^{(10)} - m_{101}^{(11)}m_{012}^{(20)}m_{121}^{(00)} + m_{101}^{(11)}m_{003}^{(00)}m_{220}^{(21)}\\
&-m_{101}^{(11)}m_{003}^{(00)}m_{121}^{(10)} - m_{101}^{(11)}m_{003}^{(10)}m_{310}^{(21)} - m_{101}^{(11)}m_{003}^{(10)}m_{220}^{(20)} + m_{101}^{(11)}m_{003}^{(10)}m_{211}^{(10)}\\
&+m_{101}^{(11)}m_{003}^{(10)}m_{121}^{(00)} + m_{101}^{(11)}m_{003}^{(11)}m_{310}^{(20)} - m_{101}^{(11)}m_{003}^{(11)}m_{211}^{(00)} + m_{101}^{(20)}m_{300}^{(11)}m_{031}^{(22)}\\
&-m_{101}^{(20)}m_{300}^{(11)}m_{022}^{(21)} - m_{101}^{(20)}m_{300}^{(21)}m_{040}^{(22)} + m_{101}^{(20)}m_{300}^{(21)}m_{022}^{(11)} + m_{101}^{(20)}m_{300}^{(22)}m_{040}^{(21)}\\
&-m_{101}^{(20)}m_{300}^{(22)}m_{031}^{(11)} - 3m_{101}^{(20)}m_{210}^{(11)}m_{121}^{(22)} + 4m_{101}^{(20)}m_{210}^{(11)}m_{112}^{(21)} - m_{101}^{(20)}m_{210}^{(11)}m_{022}^{(20)}\\
&+m_{101}^{(20)}m_{210}^{(20)}m_{040}^{(22)} - 2m_{101}^{(20)}m_{210}^{(20)}m_{031}^{(21)} + m_{101}^{(20)}m_{210}^{(20)}m_{022}^{(11)} + 2m_{101}^{(20)}m_{210}^{(21)}m_{130}^{(22)}\\
&-4m_{101}^{(20)}m_{210}^{(21)}m_{112}^{(11)} + 2m_{101}^{(20)}m_{210}^{(21)}m_{031}^{(20)} - 2m_{101}^{(20)}m_{210}^{(22)}m_{130}^{(21)} + 3m_{101}^{(20)}m_{210}^{(22)}m_{121}^{(11)}\\
&-m_{101}^{(20)}m_{210}^{(22)}m_{040}^{(20)} - m_{101}^{(20)}m_{201}^{(10)}m_{040}^{(22)} + 2m_{101}^{(20)}m_{201}^{(10)}m_{031}^{(21)} - m_{101}^{(20)}m_{201}^{(10)}m_{022}^{(11)}\\
&+m_{101}^{(20)}m_{201}^{(11)}m_{130}^{(22)} - 2m_{101}^{(20)}m_{201}^{(11)}m_{121}^{(21)} + m_{101}^{(20)}m_{201}^{(11)}m_{022}^{(10)} + 2m_{101}^{(20)}m_{201}^{(21)}m_{121}^{(11)}\\
&-2m_{101}^{(20)}m_{201}^{(21)}m_{031}^{(10)} - m_{101}^{(20)}m_{201}^{(22)}m_{130}^{(11)} + m_{101}^{(20)}m_{201}^{(22)}m_{040}^{(10)} - m_{101}^{(20)}m_{120}^{(00)}m_{031}^{(22)}\\
&+m_{101}^{(20)}m_{120}^{(00)}m_{022}^{(21)} + 2m_{101}^{(20)}m_{120}^{(10)}m_{121}^{(22)} - 2m_{101}^{(20)}m_{120}^{(10)}m_{112}^{(21)} + 2m_{101}^{(20)}m_{120}^{(11)}m_{211}^{(22)}\\
&-4m_{101}^{(20)}m_{120}^{(11)}m_{202}^{(21)} + 2m_{101}^{(20)}m_{120}^{(11)}m_{112}^{(20)} - 2m_{101}^{(20)}m_{120}^{(20)}m_{130}^{(22)} + 4m_{101}^{(20)}m_{120}^{(20)}m_{121}^{(21)}\\
&-2m_{101}^{(20)}m_{120}^{(20)}m_{112}^{(11)} - m_{101}^{(20)}m_{120}^{(21)}m_{220}^{(22)} + 4m_{101}^{(20)}m_{120}^{(21)}m_{202}^{(11)} - 4m_{101}^{(20)}m_{120}^{(21)}m_{121}^{(20)}\\
&+2m_{101}^{(20)}m_{120}^{(21)}m_{112}^{(10)} - m_{101}^{(20)}m_{120}^{(21)}m_{022}^{(00)} + m_{101}^{(20)}m_{120}^{(22)}m_{220}^{(21)} - 2m_{101}^{(20)}m_{120}^{(22)}m_{211}^{(11)}\\
&+2m_{101}^{(20)}m_{120}^{(22)}m_{130}^{(20)} - 2m_{101}^{(20)}m_{120}^{(22)}m_{121}^{(10)} + m_{101}^{(20)}m_{120}^{(22)}m_{031}^{(00)} + m_{101}^{(20)}m_{111}^{(00)}m_{040}^{(22)}\\
&-m_{101}^{(20)}m_{111}^{(00)}m_{022}^{(11)} - 4m_{101}^{(20)}m_{111}^{(10)}m_{121}^{(21)} + 4m_{101}^{(20)}m_{111}^{(10)}m_{112}^{(11)} - m_{101}^{(20)}m_{111}^{(11)}m_{220}^{(22)}\\
&+4m_{101}^{(20)}m_{111}^{(11)}m_{211}^{(21)} - 4m_{101}^{(20)}m_{111}^{(11)}m_{112}^{(10)} + m_{101}^{(20)}m_{111}^{(11)}m_{022}^{(00)} - 4m_{101}^{(20)}m_{111}^{(21)}m_{211}^{(11)}\\
&+4m_{101}^{(20)}m_{111}^{(21)}m_{121}^{(10)} + m_{101}^{(20)}m_{111}^{(22)}m_{220}^{(11)} - m_{101}^{(20)}m_{111}^{(22)}m_{040}^{(00)} - m_{101}^{(20)}m_{102}^{(00)}m_{040}^{(21)}\\
&+m_{101}^{(20)}m_{102}^{(00)}m_{031}^{(11)} + 2m_{101}^{(20)}m_{102}^{(10)}m_{130}^{(21)} - 2m_{101}^{(20)}m_{102}^{(10)}m_{121}^{(11)} - m_{101}^{(20)}m_{102}^{(11)}m_{220}^{(21)}\\
&+2m_{101}^{(20)}m_{102}^{(11)}m_{121}^{(10)} - m_{101}^{(20)}m_{102}^{(11)}m_{031}^{(00)} + m_{101}^{(20)}m_{102}^{(21)}m_{220}^{(11)} - 2m_{101}^{(20)}m_{102}^{(21)}m_{130}^{(10)}\\
&+m_{101}^{(20)}m_{102}^{(21)}m_{040}^{(00)} + m_{101}^{(20)}m_{030}^{(00)}m_{121}^{(22)} - 2m_{101}^{(20)}m_{030}^{(00)}m_{112}^{(21)} + m_{101}^{(20)}m_{030}^{(00)}m_{022}^{(20)}\\
&-2m_{101}^{(20)}m_{030}^{(10)}m_{211}^{(22)} + 4m_{101}^{(20)}m_{030}^{(10)}m_{202}^{(21)} - 2m_{101}^{(20)}m_{030}^{(10)}m_{112}^{(20)} + m_{101}^{(20)}m_{030}^{(20)}m_{220}^{(22)}\\
&-2m_{101}^{(20)}m_{030}^{(20)}m_{211}^{(21)} + 2m_{101}^{(20)}m_{030}^{(20)}m_{112}^{(10)} - m_{101}^{(20)}m_{030}^{(20)}m_{022}^{(00)} + 2m_{101}^{(20)}m_{030}^{(21)}m_{211}^{(20)}\\
&-4m_{101}^{(20)}m_{030}^{(21)}m_{202}^{(10)} + 2m_{101}^{(20)}m_{030}^{(21)}m_{112}^{(00)} - m_{101}^{(20)}m_{030}^{(22)}m_{220}^{(20)} + 2m_{101}^{(20)}m_{030}^{(22)}m_{211}^{(10)}\\
&-m_{101}^{(20)}m_{030}^{(22)}m_{121}^{(00)} - m_{101}^{(20)}m_{021}^{(00)}m_{130}^{(22)} + 2m_{101}^{(20)}m_{021}^{(00)}m_{121}^{(21)} + 2m_{101}^{(20)}m_{021}^{(00)}m_{112}^{(11)}\\
&-2m_{101}^{(20)}m_{021}^{(00)}m_{031}^{(20)} - m_{101}^{(20)}m_{021}^{(00)}m_{022}^{(10)} + m_{101}^{(20)}m_{021}^{(10)}m_{220}^{(22)} - 2m_{101}^{(20)}m_{021}^{(10)}m_{211}^{(21)}\\
&-4m_{101}^{(20)}m_{021}^{(10)}m_{202}^{(11)} + 4m_{101}^{(20)}m_{021}^{(10)}m_{121}^{(20)} + m_{101}^{(20)}m_{021}^{(10)}m_{022}^{(00)} - 2m_{101}^{(20)}m_{021}^{(11)}m_{211}^{(20)}\\
&+4m_{101}^{(20)}m_{021}^{(11)}m_{202}^{(10)} - 2m_{101}^{(20)}m_{021}^{(11)}m_{112}^{(00)} + 2m_{101}^{(20)}m_{021}^{(20)}m_{211}^{(11)} - 4m_{101}^{(20)}m_{021}^{(20)}m_{121}^{(10)}
\end{aligned}
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$$+2m_{101}^{(20)}m_{021}^{(20)}m_{031}^{(00)}+2m_{101}^{(20)}m_{021}^{(21)}m_{211}^{(10)}-2m_{101}^{(20)}m_{021}^{(21)}m_{121}^{(00)}-m_{101}^{(20)}m_{021}^{(22)}m_{220}^{(10)}$$
$$+m_{101}^{(20)}m_{021}^{(22)}m_{130}^{(00)}-3m_{101}^{(20)}m_{012}^{(00)}m_{121}^{(11)}+m_{101}^{(20)}m_{012}^{(00)}m_{040}^{(20)}+2m_{101}^{(20)}m_{012}^{(00)}m_{031}^{(10)}$$
$$+4m_{101}^{(20)}m_{012}^{(10)}m_{211}^{(11)}-2m_{101}^{(20)}m_{012}^{(10)}m_{130}^{(20)}-2m_{101}^{(20)}m_{012}^{(10)}m_{031}^{(00)}+m_{101}^{(20)}m_{012}^{(11)}m_{220}^{(20)}$$
$$-4m_{101}^{(20)}m_{012}^{(11)}m_{211}^{(10)}+3m_{101}^{(20)}m_{012}^{(11)}m_{121}^{(00)}-m_{101}^{(20)}m_{012}^{(20)}m_{220}^{(11)}+2m_{101}^{(20)}m_{012}^{(20)}m_{130}^{(10)}$$
$$-m_{101}^{(20)}m_{012}^{(20)}m_{040}^{(00)}+m_{101}^{(20)}m_{003}^{(00)}m_{130}^{(11)}-m_{101}^{(20)}m_{003}^{(00)}m_{040}^{(10)}-m_{101}^{(20)}m_{003}^{(10)}m_{220}^{(11)}$$
$$+m_{101}^{(20)}m_{003}^{(10)}m_{040}^{(00)}+m_{101}^{(20)}m_{003}^{(11)}m_{220}^{(10)}-m_{101}^{(20)}m_{003}^{(11)}m_{130}^{(00)}-m_{101}^{(21)}m_{300}^{(11)}m_{121}^{(22)}$$
$$-m_{101}^{(21)}m_{300}^{(11)}m_{112}^{(21)}+2m_{101}^{(21)}m_{300}^{(11)}m_{022}^{(20)}+m_{101}^{(21)}m_{300}^{(21)}m_{130}^{(22)}+2m_{101}^{(21)}m_{300}^{(21)}m_{121}^{(21)}$$
$$+m_{101}^{(21)}m_{300}^{(21)}m_{112}^{(11)}-2m_{101}^{(21)}m_{300}^{(21)}m_{031}^{(20)}-2m_{101}^{(21)}m_{300}^{(21)}m_{022}^{(10)}-m_{101}^{(21)}m_{300}^{(22)}m_{130}^{(21)}$$
$$-m_{101}^{(21)}m_{300}^{(22)}m_{121}^{(11)}+2m_{101}^{(21)}m_{300}^{(22)}m_{031}^{(10)}+3m_{101}^{(21)}m_{210}^{(11)}m_{211}^{(22)}+2m_{101}^{(21)}m_{210}^{(11)}m_{202}^{(21)}$$
$$-5m_{101}^{(21)}m_{210}^{(11)}m_{112}^{(20)}-m_{101}^{(21)}m_{210}^{(20)}m_{130}^{(22)}+m_{101}^{(21)}m_{210}^{(20)}m_{112}^{(11)}+2m_{101}^{(21)}m_{210}^{(20)}m_{031}^{(20)}$$
$$-2m_{101}^{(21)}m_{210}^{(20)}m_{022}^{(10)}-2m_{101}^{(21)}m_{210}^{(21)}m_{220}^{(22)}-4m_{101}^{(21)}m_{210}^{(21)}m_{211}^{(21)}-2m_{101}^{(21)}m_{210}^{(21)}m_{202}^{(11)}$$
$$+2m_{101}^{(21)}m_{210}^{(21)}m_{121}^{(20)}+4m_{101}^{(21)}m_{210}^{(21)}m_{112}^{(10)}+2m_{101}^{(21)}m_{210}^{(21)}m_{022}^{(00)}+2m_{101}^{(21)}m_{210}^{(22)}m_{220}^{(21)}$$
$$+m_{101}^{(21)}m_{210}^{(22)}m_{211}^{(11)}+m_{101}^{(21)}m_{210}^{(22)}m_{130}^{(20)}-2m_{101}^{(21)}m_{210}^{(22)}m_{121}^{(10)}-2m_{101}^{(21)}m_{210}^{(22)}m_{031}^{(00)}$$
$$+m_{101}^{(21)}m_{201}^{(10)}m_{130}^{(22)}-m_{101}^{(21)}m_{201}^{(10)}m_{112}^{(11)}-2m_{101}^{(21)}m_{201}^{(10)}m_{031}^{(20)}+2m_{101}^{(21)}m_{201}^{(10)}m_{022}^{(10)}$$
$$-m_{101}^{(21)}m_{201}^{(11)}m_{220}^{(22)}+2m_{101}^{(21)}m_{201}^{(11)}m_{121}^{(20)}+m_{101}^{(21)}m_{201}^{(11)}m_{112}^{(10)}-2m_{101}^{(21)}m_{201}^{(11)}m_{022}^{(00)}$$
$$-2m_{101}^{(21)}m_{201}^{(21)}m_{121}^{(10)}+2m_{101}^{(21)}m_{201}^{(21)}m_{031}^{(00)}+m_{101}^{(21)}m_{201}^{(22)}m_{220}^{(11)}-m_{101}^{(21)}m_{201}^{(22)}m_{130}^{(10)}$$
$$+m_{101}^{(21)}m_{120}^{(00)}m_{121}^{(22)}+m_{101}^{(21)}m_{120}^{(00)}m_{112}^{(21)}-2m_{101}^{(21)}m_{120}^{(00)}m_{022}^{(20)}-2m_{101}^{(21)}m_{120}^{(10)}m_{211}^{(22)}$$
$$-2m_{101}^{(21)}m_{120}^{(10)}m_{202}^{(21)}+4m_{101}^{(21)}m_{120}^{(10)}m_{112}^{(20)}-2m_{101}^{(21)}m_{120}^{(11)}m_{301}^{(22)}+2m_{101}^{(21)}m_{120}^{(11)}m_{202}^{(20)}$$
$$+2m_{101}^{(21)}m_{120}^{(20)}m_{220}^{(22)}-4m_{101}^{(21)}m_{120}^{(20)}m_{121}^{(20)}+2m_{101}^{(21)}m_{120}^{(20)}m_{022}^{(00)}+m_{101}^{(21)}m_{120}^{(21)}m_{310}^{(22)}$$
$$+2m_{101}^{(21)}m_{120}^{(21)}m_{301}^{(21)}+2m_{101}^{(21)}m_{120}^{(21)}m_{211}^{(20)}-5m_{101}^{(21)}m_{120}^{(21)}m_{112}^{(00)}-m_{101}^{(21)}m_{120}^{(22)}m_{310}^{(21)}$$
$$-2m_{101}^{(21)}m_{120}^{(22)}m_{220}^{(20)}+3m_{101}^{(21)}m_{120}^{(22)}m_{121}^{(00)}-m_{101}^{(21)}m_{111}^{(00)}m_{130}^{(22)}-2m_{101}^{(21)}m_{111}^{(00)}m_{121}^{(21)}$$
$$-m_{101}^{(21)}m_{111}^{(00)}m_{112}^{(11)}+2m_{101}^{(21)}m_{111}^{(00)}m_{031}^{(20)}+2m_{101}^{(21)}m_{111}^{(00)}m_{022}^{(10)}+4m_{101}^{(21)}m_{111}^{(10)}m_{211}^{(21)}$$
$$+2m_{101}^{(21)}m_{111}^{(10)}m_{202}^{(11)}-4m_{101}^{(21)}m_{111}^{(10)}m_{112}^{(10)}-2m_{101}^{(21)}m_{111}^{(10)}m_{022}^{(00)}+m_{101}^{(21)}m_{111}^{(11)}m_{310}^{(22)}$$
$$-2m_{101}^{(21)}m_{111}^{(11)}m_{301}^{(21)}-2m_{101}^{(21)}m_{111}^{(11)}m_{211}^{(20)}-2m_{101}^{(21)}m_{111}^{(11)}m_{202}^{(10)}+5m_{101}^{(21)}m_{111}^{(11)}m_{112}^{(00)}$$
$$-2m_{101}^{(21)}m_{111}^{(20)}m_{211}^{(11)}+4m_{101}^{(21)}m_{111}^{(20)}m_{121}^{(10)}-2m_{101}^{(21)}m_{111}^{(20)}m_{031}^{(00)}+2m_{101}^{(21)}m_{111}^{(21)}m_{301}^{(11)}$$
$$-2m_{101}^{(21)}m_{111}^{(21)}m_{121}^{(00)}-m_{101}^{(21)}m_{111}^{(22)}m_{310}^{(11)}+m_{101}^{(21)}m_{111}^{(22)}m_{130}^{(00)}+m_{101}^{(21)}m_{102}^{(00)}m_{130}^{(21)}$$
$$+m_{101}^{(21)}m_{102}^{(00)}m_{121}^{(11)}-2m_{101}^{(21)}m_{102}^{(00)}m_{031}^{(10)}-2m_{101}^{(21)}m_{102}^{(10)}m_{220}^{(21)}+2m_{101}^{(21)}m_{102}^{(10)}m_{031}^{(00)}$$
$$+m_{101}^{(21)}m_{102}^{(11)}m_{310}^{(21)}-m_{101}^{(21)}m_{102}^{(11)}m_{121}^{(00)}-m_{101}^{(21)}m_{102}^{(21)}m_{310}^{(11)}+2m_{101}^{(21)}m_{102}^{(21)}m_{220}^{(10)}$$
$$-m_{101}^{(21)}m_{102}^{(21)}m_{130}^{(00)}-m_{101}^{(21)}m_{030}^{(00)}m_{211}^{(22)}+m_{101}^{(21)}m_{030}^{(00)}m_{112}^{(20)}+2m_{101}^{(21)}m_{030}^{(10)}m_{301}^{(22)}$$
$$-2m_{101}^{(21)}m_{030}^{(10)}m_{202}^{(20)}-m_{101}^{(21)}m_{030}^{(20)}m_{310}^{(22)}+2m_{101}^{(21)}m_{030}^{(20)}m_{211}^{(20)}-m_{101}^{(21)}m_{030}^{(20)}m_{112}^{(00)}$$
$$-2m_{101}^{(21)}m_{030}^{(21)}m_{301}^{(20)}+2m_{101}^{(21)}m_{030}^{(21)}m_{202}^{(00)}+m_{101}^{(21)}m_{030}^{(22)}m_{310}^{(20)}-m_{101}^{(21)}m_{030}^{(22)}m_{211}^{(00)}$$
$$+m_{101}^{(21)}m_{021}^{(00)}m_{220}^{(22)}-m_{101}^{(21)}m_{021}^{(00)}m_{112}^{(10)}-m_{101}^{(21)}m_{021}^{(10)}m_{310}^{(22)}-2m_{101}^{(21)}m_{021}^{(10)}m_{211}^{(20)}$$
$$+2m_{101}^{(21)}m_{021}^{(10)}m_{202}^{(10)}+m_{101}^{(21)}m_{021}^{(10)}m_{112}^{(00)}+2m_{101}^{(21)}m_{021}^{(11)}m_{301}^{(20)}-2m_{101}^{(21)}m_{021}^{(11)}m_{202}^{(00)}$$
$$-2m_{101}^{(21)}m_{021}^{(21)}m_{301}^{(10)}+2m_{101}^{(21)}m_{021}^{(21)}m_{211}^{(00)}+m_{101}^{(21)}m_{021}^{(22)}m_{310}^{(10)}-m_{101}^{(21)}m_{021}^{(22)}m_{220}^{(00)}$$
$$+m_{101}^{(21)}m_{012}^{(00)}m_{211}^{(11)}-m_{101}^{(21)}m_{012}^{(00)}m_{130}^{(20)}-2m_{101}^{(21)}m_{012}^{(10)}m_{301}^{(11)}+2m_{101}^{(21)}m_{012}^{(10)}m_{220}^{(20)}$$
$$-m_{101}^{(21)}m_{012}^{(11)}m_{310}^{(20)}+2m_{101}^{(21)}m_{012}^{(11)}m_{301}^{(10)}-m_{101}^{(21)}m_{012}^{(11)}m_{211}^{(00)}+m_{101}^{(21)}m_{012}^{(20)}m_{310}^{(11)}$$
$$-2m_{101}^{(21)}m_{012}^{(20)}m_{220}^{(10)}+m_{101}^{(21)}m_{012}^{(20)}m_{130}^{(00)}-m_{101}^{(21)}m_{003}^{(00)}m_{220}^{(11)}+m_{101}^{(21)}m_{003}^{(00)}m_{130}^{(10)}$$
$$+m_{101}^{(21)}m_{003}^{(10)}m_{310}^{(11)}-m_{101}^{(21)}m_{003}^{(10)}m_{130}^{(00)}-m_{101}^{(21)}m_{003}^{(11)}m_{310}^{(10)}+m_{101}^{(21)}m_{003}^{(11)}m_{220}^{(00)}$$

$$
\begin{aligned}
&+m_{101}^{(22)}m_{300}^{(11)}m_{121}^{(21)} - m_{101}^{(22)}m_{300}^{(11)}m_{031}^{(20)} - m_{101}^{(22)}m_{300}^{(21)}m_{130}^{(21)} - m_{101}^{(22)}m_{300}^{(21)}m_{121}^{(11)}\\
&+m_{101}^{(22)}m_{300}^{(21)}m_{040}^{(20)} + m_{101}^{(22)}m_{300}^{(21)}m_{031}^{(10)} + m_{101}^{(22)}m_{300}^{(22)}m_{130}^{(11)} - m_{101}^{(22)}m_{300}^{(22)}m_{040}^{(10)}\\
&-3m_{101}^{(22)}m_{210}^{(11)}m_{211}^{(21)} + 3m_{101}^{(22)}m_{210}^{(11)}m_{121}^{(20)} + m_{101}^{(22)}m_{210}^{(20)}m_{130}^{(21)} - m_{101}^{(22)}m_{210}^{(20)}m_{121}^{(11)}\\
&-m_{101}^{(22)}m_{210}^{(20)}m_{040}^{(20)} + m_{101}^{(22)}m_{210}^{(20)}m_{031}^{(10)} + 2m_{101}^{(22)}m_{210}^{(21)}m_{220}^{(21)} + 3m_{101}^{(22)}m_{210}^{(21)}m_{211}^{(11)}\\
&-2m_{101}^{(22)}m_{210}^{(21)}m_{130}^{(20)} - 2m_{101}^{(22)}m_{210}^{(21)}m_{121}^{(10)} - m_{101}^{(22)}m_{210}^{(21)}m_{031}^{(00)} - 2m_{101}^{(22)}m_{210}^{(22)}m_{220}^{(11)}\\
&+m_{101}^{(22)}m_{210}^{(22)}m_{130}^{(10)} + m_{101}^{(22)}m_{210}^{(22)}m_{040}^{(00)} - m_{101}^{(22)}m_{201}^{(10)}m_{130}^{(21)} + m_{101}^{(22)}m_{201}^{(10)}m_{121}^{(11)}\\
&+m_{101}^{(22)}m_{201}^{(10)}m_{040}^{(20)} - m_{101}^{(22)}m_{201}^{(10)}m_{031}^{(10)} + m_{101}^{(22)}m_{201}^{(11)}m_{220}^{(21)} - m_{101}^{(22)}m_{201}^{(11)}m_{130}^{(20)}\\
&-m_{101}^{(22)}m_{201}^{(11)}m_{121}^{(10)} + m_{101}^{(22)}m_{201}^{(11)}m_{031}^{(00)} - m_{101}^{(22)}m_{201}^{(21)}m_{220}^{(11)} + 2m_{101}^{(22)}m_{201}^{(21)}m_{130}^{(10)}\\
&-m_{101}^{(22)}m_{201}^{(21)}m_{040}^{(00)} - m_{101}^{(22)}m_{120}^{(00)}m_{121}^{(21)} + m_{101}^{(22)}m_{120}^{(00)}m_{031}^{(20)} + 2m_{101}^{(22)}m_{120}^{(10)}m_{211}^{(21)}\\
&-2m_{101}^{(22)}m_{120}^{(10)}m_{121}^{(20)} + 2m_{101}^{(22)}m_{120}^{(11)}m_{301}^{(21)} - 2m_{101}^{(22)}m_{120}^{(11)}m_{211}^{(20)} - 2m_{101}^{(22)}m_{120}^{(20)}m_{220}^{(21)}\\
&+m_{101}^{(22)}m_{120}^{(20)}m_{211}^{(11)} + 2m_{101}^{(22)}m_{120}^{(20)}m_{130}^{(20)} - m_{101}^{(22)}m_{120}^{(20)}m_{031}^{(00)} - m_{101}^{(22)}m_{120}^{(21)}m_{310}^{(21)}\\
&-2m_{101}^{(22)}m_{120}^{(21)}m_{301}^{(11)} + m_{101}^{(22)}m_{120}^{(21)}m_{220}^{(20)} - m_{101}^{(22)}m_{120}^{(21)}m_{211}^{(10)} + 3m_{101}^{(22)}m_{120}^{(21)}m_{121}^{(00)}\\
&+m_{101}^{(22)}m_{120}^{(22)}m_{310}^{(11)} + m_{101}^{(22)}m_{120}^{(22)}m_{220}^{(10)} - 2m_{101}^{(22)}m_{120}^{(22)}m_{130}^{(00)} + m_{101}^{(22)}m_{111}^{(00)}m_{130}^{(21)}\\
&+m_{101}^{(22)}m_{111}^{(00)}m_{121}^{(11)} - m_{101}^{(22)}m_{111}^{(00)}m_{040}^{(20)} - m_{101}^{(22)}m_{111}^{(00)}m_{031}^{(10)} - 3m_{101}^{(22)}m_{111}^{(10)}m_{211}^{(11)}\\
&+2m_{101}^{(22)}m_{111}^{(10)}m_{121}^{(10)} + m_{101}^{(22)}m_{111}^{(10)}m_{031}^{(00)} - m_{101}^{(22)}m_{111}^{(11)}m_{310}^{(21)} + m_{101}^{(22)}m_{111}^{(11)}m_{220}^{(20)}\\
&+3m_{101}^{(22)}m_{111}^{(11)}m_{211}^{(10)} - 3m_{101}^{(22)}m_{111}^{(11)}m_{121}^{(00)} + m_{101}^{(22)}m_{111}^{(20)}m_{220}^{(11)} - 2m_{101}^{(22)}m_{111}^{(20)}m_{130}^{(10)}\\
&+m_{101}^{(22)}m_{111}^{(20)}m_{040}^{(00)} + m_{101}^{(22)}m_{111}^{(21)}m_{310}^{(11)} - 2m_{101}^{(22)}m_{111}^{(21)}m_{220}^{(10)} + m_{101}^{(22)}m_{111}^{(21)}m_{130}^{(00)}\\
&-m_{101}^{(22)}m_{102}^{(00)}m_{130}^{(11)} + m_{101}^{(22)}m_{102}^{(00)}m_{040}^{(10)} + m_{101}^{(22)}m_{102}^{(10)}m_{220}^{(11)} - m_{101}^{(22)}m_{102}^{(10)}m_{040}^{(00)}\\
&-m_{101}^{(22)}m_{102}^{(11)}m_{220}^{(10)} + m_{101}^{(22)}m_{102}^{(11)}m_{130}^{(00)} + m_{101}^{(22)}m_{030}^{(00)}m_{211}^{(21)} - m_{101}^{(22)}m_{030}^{(00)}m_{121}^{(20)}\\
&-2m_{101}^{(22)}m_{030}^{(10)}m_{301}^{(21)} + 2m_{101}^{(22)}m_{030}^{(10)}m_{211}^{(20)} + m_{101}^{(22)}m_{030}^{(20)}m_{310}^{(21)} - m_{101}^{(22)}m_{030}^{(20)}m_{220}^{(20)}\\
&-m_{101}^{(22)}m_{030}^{(20)}m_{211}^{(10)} + m_{101}^{(22)}m_{030}^{(20)}m_{121}^{(00)} + 2m_{101}^{(22)}m_{030}^{(21)}m_{301}^{(10)} - 2m_{101}^{(22)}m_{030}^{(21)}m_{211}^{(00)}\\
&-m_{101}^{(22)}m_{030}^{(22)}m_{310}^{(10)} + m_{101}^{(22)}m_{030}^{(22)}m_{220}^{(00)} - m_{101}^{(22)}m_{021}^{(00)}m_{220}^{(21)} - m_{101}^{(22)}m_{021}^{(00)}m_{211}^{(11)}\\
&+m_{101}^{(22)}m_{021}^{(00)}m_{130}^{(20)} + m_{101}^{(22)}m_{021}^{(00)}m_{121}^{(10)} + m_{101}^{(22)}m_{021}^{(10)}m_{310}^{(21)} + 2m_{101}^{(22)}m_{021}^{(10)}m_{301}^{(11)}\\
&-m_{101}^{(22)}m_{021}^{(10)}m_{220}^{(20)} - m_{101}^{(22)}m_{021}^{(10)}m_{211}^{(10)} - m_{101}^{(22)}m_{021}^{(10)}m_{121}^{(00)} - 2m_{101}^{(22)}m_{021}^{(11)}m_{301}^{(10)}\\
&+2m_{101}^{(22)}m_{021}^{(11)}m_{211}^{(00)} - m_{101}^{(22)}m_{021}^{(20)}m_{310}^{(11)} + 2m_{101}^{(22)}m_{021}^{(20)}m_{220}^{(10)} - m_{101}^{(22)}m_{021}^{(20)}m_{130}^{(00)}\\
&+m_{101}^{(22)}m_{012}^{(00)}m_{220}^{(11)} - m_{101}^{(22)}m_{012}^{(00)}m_{130}^{(10)} - m_{101}^{(22)}m_{012}^{(10)}m_{310}^{(11)} + m_{101}^{(22)}m_{012}^{(10)}m_{130}^{(00)}\\
&+m_{101}^{(22)}m_{012}^{(11)}m_{310}^{(10)} - m_{101}^{(22)}m_{012}^{(11)}m_{220}^{(00)} + m_{020}^{(00)}m_{210}^{(10)}m_{013}^{(22)} - m_{020}^{(00)}m_{210}^{(10)}m_{004}^{(21)}\\
&-m_{020}^{(00)}m_{210}^{(20)}m_{013}^{(21)} + m_{020}^{(00)}m_{210}^{(20)}m_{004}^{(11)} - m_{020}^{(00)}m_{210}^{(21)}m_{112}^{(22)} + m_{020}^{(00)}m_{210}^{(21)}m_{103}^{(21)}\\
&+m_{020}^{(00)}m_{210}^{(22)}m_{112}^{(21)} - m_{020}^{(00)}m_{210}^{(22)}m_{103}^{(11)} - m_{020}^{(00)}m_{201}^{(10)}m_{022}^{(22)} + m_{020}^{(00)}m_{201}^{(10)}m_{013}^{(21)}\\
&+m_{020}^{(00)}m_{201}^{(20)}m_{022}^{(21)} - m_{020}^{(00)}m_{201}^{(20)}m_{013}^{(11)} + m_{020}^{(00)}m_{201}^{(21)}m_{121}^{(22)} - m_{020}^{(00)}m_{201}^{(21)}m_{112}^{(21)}\\
&-m_{020}^{(00)}m_{201}^{(22)}m_{121}^{(21)} + m_{020}^{(00)}m_{201}^{(22)}m_{112}^{(11)} - m_{020}^{(00)}m_{120}^{(00)}m_{013}^{(22)} + m_{020}^{(00)}m_{120}^{(00)}m_{004}^{(21)}\\
&+m_{020}^{(00)}m_{120}^{(20)}m_{112}^{(22)} - m_{020}^{(00)}m_{120}^{(20)}m_{103}^{(21)} + m_{020}^{(00)}m_{120}^{(20)}m_{013}^{(20)} - m_{020}^{(00)}m_{120}^{(20)}m_{004}^{(10)}\\
&-m_{020}^{(00)}m_{120}^{(22)}m_{112}^{(20)} + m_{020}^{(00)}m_{120}^{(22)}m_{103}^{(10)} + m_{020}^{(00)}m_{111}^{(00)}m_{022}^{(22)} - m_{020}^{(00)}m_{111}^{(00)}m_{004}^{(11)}\\
&-m_{020}^{(00)}m_{111}^{(10)}m_{112}^{(22)} + m_{020}^{(00)}m_{111}^{(10)}m_{103}^{(21)} - m_{020}^{(00)}m_{111}^{(10)}m_{013}^{(20)} + m_{020}^{(00)}m_{111}^{(10)}m_{004}^{(10)}\\
&-m_{020}^{(00)}m_{111}^{(20)}m_{121}^{(22)} + m_{020}^{(00)}m_{111}^{(20)}m_{112}^{(21)} - m_{020}^{(00)}m_{111}^{(20)}m_{022}^{(20)} + m_{020}^{(00)}m_{111}^{(20)}m_{013}^{(10)}\\
&+m_{020}^{(00)}m_{111}^{(21)}m_{211}^{(22)} - m_{020}^{(00)}m_{111}^{(21)}m_{202}^{(21)} + m_{020}^{(00)}m_{111}^{(21)}m_{112}^{(20)} - m_{020}^{(00)}m_{111}^{(21)}m_{103}^{(10)}\\
&-m_{020}^{(00)}m_{111}^{(22)}m_{211}^{(21)} + m_{020}^{(00)}m_{111}^{(22)}m_{202}^{(11)} + m_{020}^{(00)}m_{111}^{(22)}m_{121}^{(20)} - m_{020}^{(00)}m_{111}^{(22)}m_{112}^{(10)}\\
&-m_{020}^{(00)}m_{102}^{(00)}m_{022}^{(21)} + m_{020}^{(00)}m_{102}^{(00)}m_{013}^{(11)} + m_{020}^{(00)}m_{102}^{(10)}m_{121}^{(22)} - m_{020}^{(00)}m_{102}^{(10)}m_{112}^{(21)}
\end{aligned}
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\begin{aligned}
&+m_{020}^{(00)}m_{102}^{(10)}m_{022}^{(20)} - m_{020}^{(00)}m_{102}^{(10)}m_{013}^{(10)} - m_{020}^{(00)}m_{102}^{(21)}m_{220}^{(22)} + m_{020}^{(00)}m_{102}^{(21)}m_{211}^{(21)}\\
&-m_{020}^{(00)}m_{102}^{(21)}m_{121}^{(20)} + m_{020}^{(00)}m_{102}^{(21)}m_{112}^{(10)} + m_{020}^{(00)}m_{102}^{(22)}m_{220}^{(21)} - m_{020}^{(00)}m_{102}^{(22)}m_{211}^{(11)}\\
&+m_{020}^{(00)}m_{021}^{(00)}m_{112}^{(22)} - m_{020}^{(00)}m_{021}^{(00)}m_{103}^{(21)} - m_{020}^{(00)}m_{021}^{(20)}m_{211}^{(22)} + m_{020}^{(00)}m_{021}^{(20)}m_{202}^{(21)}\\
&-m_{020}^{(00)}m_{021}^{(20)}m_{112}^{(20)} + m_{020}^{(00)}m_{021}^{(20)}m_{103}^{(10)} + m_{020}^{(00)}m_{021}^{(22)}m_{211}^{(20)} - m_{020}^{(00)}m_{021}^{(22)}m_{202}^{(10)}\\
&-m_{020}^{(00)}m_{012}^{(00)}m_{121}^{(22)} + m_{020}^{(00)}m_{012}^{(00)}m_{103}^{(11)} + m_{020}^{(00)}m_{012}^{(10)}m_{112}^{(20)} - m_{020}^{(00)}m_{012}^{(10)}m_{103}^{(10)}\\
&+m_{020}^{(00)}m_{012}^{(20)}m_{220}^{(22)} - m_{020}^{(00)}m_{012}^{(20)}m_{202}^{(11)} + m_{020}^{(00)}m_{012}^{(20)}m_{121}^{(20)} - m_{020}^{(00)}m_{012}^{(20)}m_{112}^{(10)}\\
&-m_{020}^{(00)}m_{012}^{(21)}m_{211}^{(20)} + m_{020}^{(00)}m_{012}^{(21)}m_{202}^{(10)} - m_{020}^{(00)}m_{012}^{(22)}m_{220}^{(20)} + m_{020}^{(00)}m_{012}^{(22)}m_{211}^{(10)}\\
&+m_{020}^{(00)}m_{003}^{(00)}m_{121}^{(21)} - m_{020}^{(00)}m_{003}^{(00)}m_{112}^{(11)} - m_{020}^{(00)}m_{003}^{(10)}m_{121}^{(20)} + m_{020}^{(00)}m_{003}^{(10)}m_{112}^{(10)}\\
&-m_{020}^{(00)}m_{003}^{(20)}m_{220}^{(21)} + m_{020}^{(00)}m_{003}^{(20)}m_{211}^{(11)} + m_{020}^{(00)}m_{003}^{(21)}m_{220}^{(20)} - m_{020}^{(00)}m_{003}^{(21)}m_{211}^{(10)}\\
&-m_{020}^{(10)}m_{300}^{(10)}m_{013}^{(22)} + m_{020}^{(10)}m_{300}^{(10)}m_{004}^{(21)} + m_{020}^{(10)}m_{300}^{(20)}m_{013}^{(21)} - m_{020}^{(10)}m_{300}^{(20)}m_{004}^{(11)}\\
&+m_{020}^{(10)}m_{300}^{(21)}m_{112}^{(22)} - m_{020}^{(10)}m_{300}^{(21)}m_{103}^{(21)} - m_{020}^{(10)}m_{300}^{(22)}m_{112}^{(21)} + m_{020}^{(10)}m_{300}^{(22)}m_{103}^{(11)}\\
&+m_{020}^{(10)}m_{210}^{(00)}m_{013}^{(22)} - m_{020}^{(10)}m_{210}^{(00)}m_{004}^{(21)} - m_{020}^{(10)}m_{210}^{(10)}m_{103}^{(22)} + m_{020}^{(10)}m_{210}^{(10)}m_{004}^{(20)}\\
&-m_{020}^{(10)}m_{210}^{(20)}m_{112}^{(22)} + 2m_{020}^{(10)}m_{210}^{(20)}m_{103}^{(21)} - m_{020}^{(10)}m_{210}^{(20)}m_{013}^{(20)} + m_{020}^{(10)}m_{210}^{(21)}m_{202}^{(22)}\\
&-m_{020}^{(10)}m_{210}^{(21)}m_{103}^{(20)} - m_{020}^{(10)}m_{210}^{(22)}m_{202}^{(21)} + m_{020}^{(10)}m_{210}^{(22)}m_{112}^{(20)} - m_{020}^{(10)}m_{201}^{(00)}m_{013}^{(21)}\\
&+m_{020}^{(10)}m_{201}^{(00)}m_{004}^{(11)} + 3m_{020}^{(10)}m_{201}^{(10)}m_{112}^{(22)} - 2m_{020}^{(10)}m_{201}^{(10)}m_{103}^{(21)} - m_{020}^{(10)}m_{201}^{(10)}m_{004}^{(10)}\\
&-2m_{020}^{(10)}m_{201}^{(20)}m_{112}^{(21)} + m_{020}^{(10)}m_{201}^{(20)}m_{103}^{(11)} + m_{020}^{(10)}m_{201}^{(20)}m_{013}^{(10)} - 3m_{020}^{(10)}m_{201}^{(21)}m_{211}^{(22)}\\
&+2m_{020}^{(10)}m_{201}^{(21)}m_{202}^{(21)} + m_{020}^{(10)}m_{201}^{(21)}m_{103}^{(10)} + 3m_{020}^{(10)}m_{201}^{(22)}m_{211}^{(21)} - 2m_{020}^{(10)}m_{201}^{(22)}m_{202}^{(11)}\\
&-m_{020}^{(10)}m_{201}^{(22)}m_{112}^{(10)} + m_{020}^{(10)}m_{120}^{(00)}m_{103}^{(22)} - m_{020}^{(10)}m_{120}^{(00)}m_{004}^{(20)} - m_{020}^{(10)}m_{120}^{(20)}m_{202}^{(22)}\\
&+m_{020}^{(10)}m_{120}^{(20)}m_{004}^{(00)} + m_{020}^{(10)}m_{120}^{(22)}m_{202}^{(20)} - m_{020}^{(10)}m_{120}^{(22)}m_{103}^{(00)} - 3m_{020}^{(10)}m_{111}^{(00)}m_{112}^{(22)}\\
&+m_{020}^{(10)}m_{111}^{(00)}m_{103}^{(21)} + m_{020}^{(10)}m_{111}^{(00)}m_{013}^{(20)} + m_{020}^{(10)}m_{111}^{(00)}m_{004}^{(10)} + m_{020}^{(10)}m_{111}^{(10)}m_{202}^{(22)}\\
&-m_{020}^{(10)}m_{111}^{(10)}m_{004}^{(00)} + 3m_{020}^{(10)}m_{111}^{(20)}m_{211}^{(22)} - 2m_{020}^{(10)}m_{111}^{(20)}m_{202}^{(21)} + 2m_{020}^{(10)}m_{111}^{(20)}m_{112}^{(20)}\\
&-2m_{020}^{(10)}m_{111}^{(20)}m_{103}^{(10)} - m_{020}^{(10)}m_{111}^{(20)}m_{013}^{(00)} - m_{020}^{(10)}m_{111}^{(21)}m_{301}^{(22)} + m_{020}^{(10)}m_{111}^{(21)}m_{103}^{(00)}\\
&+m_{020}^{(10)}m_{111}^{(22)}m_{301}^{(21)} - 3m_{020}^{(10)}m_{111}^{(22)}m_{211}^{(20)} + m_{020}^{(10)}m_{111}^{(22)}m_{202}^{(10)} + m_{020}^{(10)}m_{111}^{(22)}m_{112}^{(00)}\\
&+3m_{020}^{(10)}m_{102}^{(00)}m_{112}^{(21)} - 2m_{020}^{(10)}m_{102}^{(00)}m_{103}^{(11)} - m_{020}^{(10)}m_{102}^{(00)}m_{013}^{(10)} - 2m_{020}^{(10)}m_{102}^{(10)}m_{211}^{(22)}\\
&+m_{020}^{(10)}m_{102}^{(10)}m_{202}^{(21)} - 2m_{020}^{(10)}m_{102}^{(10)}m_{112}^{(20)} + 2m_{020}^{(10)}m_{102}^{(10)}m_{103}^{(10)} + m_{020}^{(10)}m_{102}^{(10)}m_{013}^{(00)}\\
&-m_{020}^{(10)}m_{102}^{(20)}m_{211}^{(21)} + m_{020}^{(10)}m_{102}^{(20)}m_{202}^{(11)} + 2m_{020}^{(10)}m_{102}^{(21)}m_{310}^{(22)} - m_{020}^{(10)}m_{102}^{(21)}m_{301}^{(21)}\\
&+2m_{020}^{(10)}m_{102}^{(21)}m_{211}^{(20)} - 2m_{020}^{(10)}m_{102}^{(21)}m_{202}^{(10)} - m_{020}^{(10)}m_{102}^{(21)}m_{112}^{(00)} - 2m_{020}^{(10)}m_{102}^{(22)}m_{310}^{(21)}\\
&+m_{020}^{(10)}m_{102}^{(22)}m_{301}^{(11)} + m_{020}^{(10)}m_{102}^{(22)}m_{211}^{(10)} - m_{020}^{(10)}m_{021}^{(00)}m_{202}^{(22)} + m_{020}^{(10)}m_{021}^{(00)}m_{103}^{(20)}\\
&+m_{020}^{(10)}m_{021}^{(20)}m_{301}^{(22)} - m_{020}^{(10)}m_{021}^{(20)}m_{103}^{(00)} - m_{020}^{(10)}m_{021}^{(22)}m_{301}^{(20)} + m_{020}^{(10)}m_{021}^{(22)}m_{202}^{(00)}\\
&+2m_{020}^{(10)}m_{012}^{(00)}m_{211}^{(22)} - m_{020}^{(10)}m_{012}^{(00)}m_{112}^{(20)} - m_{020}^{(10)}m_{012}^{(00)}m_{103}^{(10)} - m_{020}^{(10)}m_{012}^{(10)}m_{202}^{(20)}\\
&+m_{020}^{(10)}m_{012}^{(10)}m_{103}^{(00)} - 2m_{020}^{(10)}m_{012}^{(20)}m_{310}^{(22)} - m_{020}^{(10)}m_{012}^{(20)}m_{211}^{(20)} + 2m_{020}^{(10)}m_{012}^{(20)}m_{202}^{(10)}\\
&+m_{020}^{(10)}m_{012}^{(20)}m_{112}^{(00)} + m_{020}^{(10)}m_{012}^{(21)}m_{301}^{(20)} - m_{020}^{(10)}m_{012}^{(21)}m_{202}^{(00)} + 2m_{020}^{(10)}m_{012}^{(22)}m_{310}^{(20)}\\
&-m_{020}^{(10)}m_{012}^{(22)}m_{301}^{(10)} - m_{020}^{(10)}m_{012}^{(22)}m_{211}^{(00)} - 2m_{020}^{(10)}m_{003}^{(00)}m_{211}^{(21)} + m_{020}^{(10)}m_{003}^{(00)}m_{202}^{(11)}\\
&+m_{020}^{(10)}m_{003}^{(00)}m_{112}^{(10)} + 2m_{020}^{(10)}m_{003}^{(10)}m_{211}^{(20)} - m_{020}^{(10)}m_{003}^{(10)}m_{202}^{(10)} - m_{020}^{(10)}m_{003}^{(10)}m_{112}^{(00)}\\
&+2m_{020}^{(10)}m_{003}^{(20)}m_{310}^{(21)} - m_{020}^{(10)}m_{003}^{(20)}m_{301}^{(11)} - m_{020}^{(10)}m_{003}^{(20)}m_{211}^{(10)} - 2m_{020}^{(10)}m_{003}^{(21)}m_{310}^{(20)}\\
&+m_{020}^{(10)}m_{003}^{(21)}m_{301}^{(10)} + m_{020}^{(10)}m_{003}^{(21)}m_{211}^{(00)} + m_{020}^{(11)}m_{300}^{(10)}m_{103}^{(22)} - m_{020}^{(11)}m_{300}^{(10)}m_{004}^{(20)}\\
&-m_{020}^{(11)}m_{300}^{(20)}m_{103}^{(21)} + m_{020}^{(11)}m_{300}^{(20)}m_{004}^{(10)} - m_{020}^{(11)}m_{300}^{(21)}m_{202}^{(22)} + m_{020}^{(11)}m_{300}^{(21)}m_{103}^{(20)}\\
&+m_{020}^{(11)}m_{300}^{(22)}m_{202}^{(21)} - m_{020}^{(11)}m_{300}^{(22)}m_{103}^{(10)} - m_{020}^{(11)}m_{210}^{(00)}m_{103}^{(22)} + m_{020}^{(11)}m_{210}^{(00)}m_{004}^{(20)}
\end{aligned}
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\begin{aligned}
&+m_{020}^{(11)}m_{210}^{(20)}m_{202}^{(22)} - m_{020}^{(11)}m_{210}^{(20)}m_{004}^{(00)} - m_{020}^{(11)}m_{210}^{(22)}m_{202}^{(20)} + m_{020}^{(11)}m_{210}^{(22)}m_{103}^{(00)}\\
&+m_{020}^{(11)}m_{201}^{(00)}m_{103}^{(21)} - m_{020}^{(11)}m_{201}^{(00)}m_{004}^{(10)} - 2m_{020}^{(11)}m_{201}^{(10)}m_{202}^{(22)} + m_{020}^{(11)}m_{201}^{(10)}m_{103}^{(20)}\\
&+m_{020}^{(11)}m_{201}^{(10)}m_{004}^{(00)} + m_{020}^{(11)}m_{201}^{(20)}m_{202}^{(21)} - m_{020}^{(11)}m_{201}^{(20)}m_{103}^{(10)} + 2m_{020}^{(11)}m_{201}^{(21)}m_{301}^{(22)}\\
&-m_{020}^{(11)}m_{201}^{(21)}m_{202}^{(20)} - m_{020}^{(11)}m_{201}^{(21)}m_{103}^{(00)} - 2m_{020}^{(11)}m_{201}^{(22)}m_{301}^{(21)} + 2m_{020}^{(11)}m_{201}^{(22)}m_{202}^{(10)}\\
&+2m_{020}^{(11)}m_{111}^{(00)}m_{202}^{(22)} - 2m_{020}^{(11)}m_{111}^{(00)}m_{103}^{(20)} - 2m_{020}^{(11)}m_{111}^{(20)}m_{301}^{(22)} + 2m_{020}^{(11)}m_{111}^{(20)}m_{103}^{(00)}\\
&+2m_{020}^{(11)}m_{111}^{(22)}m_{301}^{(20)} - 2m_{020}^{(11)}m_{111}^{(22)}m_{202}^{(00)} - 2m_{020}^{(11)}m_{102}^{(00)}m_{202}^{(21)} + 2m_{020}^{(11)}m_{102}^{(00)}m_{103}^{(10)}\\
&+m_{020}^{(11)}m_{102}^{(10)}m_{301}^{(22)} + m_{020}^{(11)}m_{102}^{(10)}m_{202}^{(20)} - 2m_{020}^{(11)}m_{102}^{(10)}m_{103}^{(00)} + m_{020}^{(11)}m_{102}^{(20)}m_{301}^{(21)}\\
&-m_{020}^{(11)}m_{102}^{(20)}m_{202}^{(10)} - m_{020}^{(11)}m_{102}^{(21)}m_{400}^{(22)} - m_{020}^{(11)}m_{102}^{(21)}m_{301}^{(20)} + 2m_{020}^{(11)}m_{102}^{(21)}m_{202}^{(00)}\\
&+m_{020}^{(11)}m_{102}^{(22)}m_{400}^{(21)} - m_{020}^{(11)}m_{102}^{(22)}m_{301}^{(10)} - m_{020}^{(11)}m_{012}^{(00)}m_{301}^{(22)} + m_{020}^{(11)}m_{012}^{(00)}m_{202}^{(20)}\\
&+m_{020}^{(11)}m_{012}^{(20)}m_{400}^{(22)} - m_{020}^{(11)}m_{012}^{(20)}m_{202}^{(00)} - m_{020}^{(11)}m_{012}^{(22)}m_{400}^{(20)} + m_{020}^{(11)}m_{012}^{(22)}m_{301}^{(00)}\\
&+m_{020}^{(11)}m_{003}^{(00)}m_{301}^{(21)} - m_{020}^{(11)}m_{003}^{(00)}m_{202}^{(10)} - m_{020}^{(11)}m_{003}^{(10)}m_{301}^{(20)} + m_{020}^{(11)}m_{003}^{(10)}m_{202}^{(00)}\\
&-m_{020}^{(11)}m_{003}^{(20)}m_{400}^{(21)} + m_{020}^{(11)}m_{003}^{(20)}m_{301}^{(10)} + m_{020}^{(11)}m_{003}^{(21)}m_{400}^{(20)} - m_{020}^{(11)}m_{003}^{(21)}m_{301}^{(00)}\\
&+m_{020}^{(20)}m_{300}^{(10)}m_{022}^{(22)} - m_{020}^{(20)}m_{300}^{(10)}m_{013}^{(21)} - m_{020}^{(20)}m_{300}^{(20)}m_{022}^{(21)} + m_{020}^{(20)}m_{300}^{(20)}m_{013}^{(11)}\\
&-m_{020}^{(20)}m_{300}^{(21)}m_{121}^{(22)} + m_{020}^{(20)}m_{300}^{(21)}m_{112}^{(21)} + m_{020}^{(20)}m_{300}^{(22)}m_{121}^{(21)} - m_{020}^{(20)}m_{300}^{(22)}m_{112}^{(11)}\\
&-m_{020}^{(20)}m_{210}^{(00)}m_{022}^{(22)} + m_{020}^{(20)}m_{210}^{(00)}m_{013}^{(21)} - m_{020}^{(20)}m_{210}^{(10)}m_{112}^{(22)} + 2m_{020}^{(20)}m_{210}^{(10)}m_{103}^{(21)}\\
&-m_{020}^{(20)}m_{210}^{(10)}m_{013}^{(20)} + m_{020}^{(20)}m_{210}^{(20)}m_{121}^{(22)} - 2m_{020}^{(20)}m_{210}^{(20)}m_{103}^{(11)} + m_{020}^{(20)}m_{210}^{(20)}m_{022}^{(20)}\\
&+m_{020}^{(20)}m_{210}^{(21)}m_{211}^{(22)} - 2m_{020}^{(20)}m_{210}^{(21)}m_{202}^{(21)} + m_{020}^{(20)}m_{210}^{(21)}m_{112}^{(20)} - m_{020}^{(20)}m_{210}^{(22)}m_{211}^{(21)}\\
&+2m_{020}^{(20)}m_{210}^{(22)}m_{202}^{(11)} - m_{020}^{(20)}m_{210}^{(22)}m_{121}^{(20)} + m_{020}^{(20)}m_{201}^{(00)}m_{022}^{(21)} - m_{020}^{(20)}m_{201}^{(00)}m_{013}^{(11)}\\
&-m_{020}^{(20)}m_{201}^{(10)}m_{121}^{(22)} + m_{020}^{(20)}m_{201}^{(10)}m_{013}^{(10)} + m_{020}^{(20)}m_{201}^{(20)}m_{112}^{(11)} - m_{020}^{(20)}m_{201}^{(20)}m_{022}^{(10)}\\
&+m_{020}^{(20)}m_{201}^{(21)}m_{220}^{(22)} - m_{020}^{(20)}m_{201}^{(21)}m_{112}^{(10)} - m_{020}^{(20)}m_{201}^{(22)}m_{220}^{(21)} + m_{020}^{(20)}m_{201}^{(22)}m_{121}^{(10)}\\
&+m_{020}^{(20)}m_{120}^{(00)}m_{112}^{(22)} - 2m_{020}^{(20)}m_{120}^{(00)}m_{103}^{(21)} + m_{020}^{(20)}m_{120}^{(00)}m_{013}^{(20)} - m_{020}^{(20)}m_{120}^{(20)}m_{211}^{(22)}\\
&+2m_{020}^{(20)}m_{120}^{(20)}m_{202}^{(21)} - 2m_{020}^{(20)}m_{120}^{(20)}m_{112}^{(20)} + 2m_{020}^{(20)}m_{120}^{(20)}m_{103}^{(10)} - m_{020}^{(20)}m_{120}^{(20)}m_{013}^{(00)}\\
&+m_{020}^{(20)}m_{120}^{(22)}m_{211}^{(20)} - 2m_{020}^{(20)}m_{120}^{(22)}m_{202}^{(10)} + m_{020}^{(20)}m_{120}^{(22)}m_{112}^{(00)} + m_{020}^{(20)}m_{111}^{(00)}m_{121}^{(22)}\\
&-m_{020}^{(20)}m_{111}^{(00)}m_{112}^{(21)} + 2m_{020}^{(20)}m_{111}^{(00)}m_{103}^{(11)} - m_{020}^{(20)}m_{111}^{(00)}m_{022}^{(20)} - m_{020}^{(20)}m_{111}^{(00)}m_{013}^{(10)}\\
&+m_{020}^{(20)}m_{111}^{(10)}m_{211}^{(22)} - 2m_{020}^{(20)}m_{111}^{(10)}m_{202}^{(21)} + 2m_{020}^{(20)}m_{111}^{(10)}m_{112}^{(20)} - 2m_{020}^{(20)}m_{111}^{(10)}m_{103}^{(10)}\\
&+m_{020}^{(20)}m_{111}^{(10)}m_{013}^{(00)} - m_{020}^{(20)}m_{111}^{(20)}m_{220}^{(22)} + m_{020}^{(20)}m_{111}^{(20)}m_{022}^{(00)} - m_{020}^{(20)}m_{111}^{(21)}m_{310}^{(22)}\\
&+2m_{020}^{(20)}m_{111}^{(21)}m_{301}^{(21)} - 2m_{020}^{(20)}m_{111}^{(21)}m_{211}^{(20)} + 2m_{020}^{(20)}m_{111}^{(21)}m_{202}^{(10)} - m_{020}^{(20)}m_{111}^{(21)}m_{112}^{(00)}\\
&+m_{020}^{(20)}m_{111}^{(22)}m_{310}^{(21)} - 2m_{020}^{(20)}m_{111}^{(22)}m_{301}^{(11)} + m_{020}^{(20)}m_{111}^{(22)}m_{220}^{(20)} + m_{020}^{(20)}m_{111}^{(22)}m_{211}^{(10)}\\
&-m_{020}^{(20)}m_{111}^{(22)}m_{121}^{(00)} - m_{020}^{(20)}m_{102}^{(00)}m_{121}^{(21)} + m_{020}^{(20)}m_{102}^{(00)}m_{022}^{(10)} + m_{020}^{(20)}m_{102}^{(10)}m_{102}^{(21)}\\
&-m_{020}^{(20)}m_{102}^{(10)}m_{022}^{(00)} + m_{020}^{(20)}m_{102}^{(20)}m_{220}^{(21)} - m_{020}^{(20)}m_{102}^{(20)}m_{211}^{(11)} - m_{020}^{(20)}m_{102}^{(21)}m_{310}^{(21)}\\
&+m_{020}^{(20)}m_{102}^{(21)}m_{121}^{(00)} + m_{020}^{(20)}m_{102}^{(22)}m_{310}^{(11)} - m_{020}^{(20)}m_{102}^{(22)}m_{220}^{(10)} - m_{020}^{(20)}m_{021}^{(00)}m_{211}^{(22)}\\
&+2m_{020}^{(20)}m_{021}^{(00)}m_{202}^{(21)} - m_{020}^{(20)}m_{021}^{(00)}m_{112}^{(20)} + m_{020}^{(20)}m_{021}^{(20)}m_{310}^{(22)} - 2m_{020}^{(20)}m_{021}^{(20)}m_{301}^{(21)}\\
&+2m_{020}^{(20)}m_{021}^{(20)}m_{211}^{(20)} - 2m_{020}^{(20)}m_{021}^{(20)}m_{202}^{(10)} + m_{020}^{(20)}m_{021}^{(20)}m_{112}^{(00)} - m_{020}^{(20)}m_{021}^{(22)}m_{310}^{(20)}\\
&+2m_{020}^{(20)}m_{021}^{(22)}m_{301}^{(10)} - m_{020}^{(20)}m_{021}^{(22)}m_{211}^{(00)} - 2m_{020}^{(20)}m_{012}^{(00)}m_{202}^{(11)} + m_{020}^{(20)}m_{012}^{(00)}m_{121}^{(20)}\\
&+m_{020}^{(20)}m_{012}^{(00)}m_{112}^{(10)} - m_{020}^{(20)}m_{012}^{(10)}m_{211}^{(20)} + 2m_{020}^{(20)}m_{012}^{(10)}m_{202}^{(10)} - m_{020}^{(20)}m_{012}^{(10)}m_{112}^{(00)}\\
&+2m_{020}^{(20)}m_{012}^{(20)}m_{301}^{(11)} - m_{020}^{(20)}m_{012}^{(20)}m_{220}^{(20)} - m_{020}^{(20)}m_{012}^{(20)}m_{121}^{(00)} + m_{020}^{(20)}m_{012}^{(21)}m_{310}^{(20)}\\
&-2m_{020}^{(20)}m_{012}^{(21)}m_{301}^{(10)} + m_{020}^{(20)}m_{012}^{(21)}m_{211}^{(00)} - m_{020}^{(20)}m_{012}^{(22)}m_{310}^{(10)} + m_{020}^{(20)}m_{012}^{(22)}m_{220}^{(00)}\\
&+m_{020}^{(20)}m_{003}^{(00)}m_{211}^{(11)} - m_{020}^{(20)}m_{003}^{(00)}m_{121}^{(10)} - m_{020}^{(20)}m_{003}^{(10)}m_{211}^{(10)} + m_{020}^{(20)}m_{003}^{(10)}m_{121}^{(00)}
\end{aligned}
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\begin{aligned}
&-m_{020}^{(20)} m_{003}^{(20)} m_{310}^{(11)} + m_{020}^{(20)} m_{003}^{(20)} m_{220}^{(10)} + m_{020}^{(20)} m_{003}^{(21)} m_{310}^{(10)} - m_{020}^{(20)} m_{003}^{(21)} m_{220}^{(00)} \\
&-m_{020}^{(21)} m_{300}^{(10)} m_{112}^{(22)} - m_{020}^{(21)} m_{300}^{(10)} m_{103}^{(21)} + 2m_{020}^{(21)} m_{300}^{(10)} m_{013}^{(20)} + m_{020}^{(21)} m_{300}^{(20)} m_{112}^{(21)} \\
&+m_{020}^{(21)} m_{300}^{(20)} m_{103}^{(11)} - 2m_{020}^{(21)} m_{300}^{(20)} m_{013}^{(10)} + m_{020}^{(21)} m_{300}^{(21)} m_{211}^{(22)} + m_{020}^{(21)} m_{300}^{(21)} m_{202}^{(21)} \\
&-2m_{020}^{(21)} m_{300}^{(21)} m_{112}^{(20)} - m_{020}^{(21)} m_{300}^{(22)} m_{211}^{(21)} - m_{020}^{(21)} m_{300}^{(22)} m_{202}^{(11)} + 2m_{020}^{(21)} m_{300}^{(22)} m_{112}^{(10)} \\
&+m_{020}^{(21)} m_{210}^{(00)} m_{112}^{(22)} + m_{020}^{(21)} m_{210}^{(00)} m_{103}^{(21)} - 2m_{020}^{(21)} m_{210}^{(00)} m_{013}^{(20)} + m_{020}^{(21)} m_{210}^{(10)} m_{202}^{(22)} \\
&-m_{020}^{(21)} m_{210}^{(10)} m_{103}^{(20)} - m_{020}^{(21)} m_{210}^{(20)} m_{211}^{(22)} - 2m_{020}^{(21)} m_{210}^{(20)} m_{202}^{(21)} + m_{020}^{(21)} m_{210}^{(20)} m_{112}^{(20)} \\
&+2m_{020}^{(21)} m_{210}^{(20)} m_{013}^{(00)} - m_{020}^{(21)} m_{210}^{(21)} m_{301}^{(22)} + m_{020}^{(21)} m_{210}^{(21)} m_{202}^{(20)} + m_{020}^{(21)} m_{210}^{(22)} m_{301}^{(21)} \\
&+m_{020}^{(21)} m_{210}^{(22)} m_{211}^{(20)} - 2m_{020}^{(21)} m_{210}^{(22)} m_{112}^{(00)} - m_{020}^{(21)} m_{201}^{(00)} m_{112}^{(21)} - m_{020}^{(21)} m_{201}^{(00)} m_{103}^{(11)} \\
&+2m_{020}^{(21)} m_{201}^{(00)} m_{013}^{(10)} + m_{020}^{(21)} m_{201}^{(10)} m_{211}^{(22)} + 2m_{020}^{(21)} m_{201}^{(10)} m_{202}^{(21)} - 2m_{020}^{(21)} m_{201}^{(10)} m_{112}^{(20)} \\
&+m_{020}^{(21)} m_{201}^{(10)} m_{103}^{(10)} - 2m_{020}^{(21)} m_{201}^{(10)} m_{013}^{(00)} - m_{020}^{(21)} m_{201}^{(20)} m_{202}^{(11)} + m_{020}^{(21)} m_{201}^{(20)} m_{112}^{(10)} \\
&-m_{020}^{(21)} m_{201}^{(21)} m_{310}^{(22)} - 2m_{020}^{(21)} m_{201}^{(21)} m_{301}^{(21)} + 2m_{020}^{(21)} m_{201}^{(21)} m_{211}^{(20)} - m_{020}^{(21)} m_{201}^{(21)} m_{202}^{(10)} \\
&+2m_{020}^{(21)} m_{201}^{(21)} m_{112}^{(00)} + m_{020}^{(21)} m_{201}^{(22)} m_{310}^{(21)} + 2m_{020}^{(21)} m_{201}^{(22)} m_{301}^{(11)} - 3m_{020}^{(21)} m_{201}^{(22)} m_{211}^{(10)} \\
&-m_{020}^{(21)} m_{120}^{(00)} m_{202}^{(22)} + m_{020}^{(21)} m_{120}^{(00)} m_{103}^{(20)} + m_{020}^{(21)} m_{120}^{(20)} m_{301}^{(22)} - m_{020}^{(21)} m_{120}^{(20)} m_{103}^{(00)} \\
&-m_{020}^{(21)} m_{120}^{(22)} m_{301}^{(20)} + m_{020}^{(21)} m_{120}^{(22)} m_{202}^{(00)} - m_{020}^{(21)} m_{111}^{(00)} m_{211}^{(22)} - m_{020}^{(21)} m_{111}^{(00)} m_{202}^{(21)} \\
&+3m_{020}^{(21)} m_{111}^{(00)} m_{112}^{(20)} - m_{020}^{(21)} m_{111}^{(00)} m_{103}^{(10)} - m_{020}^{(21)} m_{111}^{(10)} m_{301}^{(22)} + m_{020}^{(21)} m_{111}^{(10)} m_{103}^{(00)} \\
&+m_{020}^{(21)} m_{111}^{(20)} m_{310}^{(22)} + 2m_{020}^{(21)} m_{111}^{(20)} m_{301}^{(21)} - 2m_{020}^{(21)} m_{111}^{(20)} m_{211}^{(20)} + 2m_{020}^{(21)} m_{111}^{(20)} m_{202}^{(10)} \\
&-3m_{020}^{(21)} m_{111}^{(20)} m_{112}^{(00)} + m_{020}^{(21)} m_{111}^{(21)} m_{400}^{(22)} - m_{020}^{(21)} m_{111}^{(21)} m_{202}^{(00)} - m_{020}^{(21)} m_{111}^{(22)} m_{400}^{(21)} \\
&-m_{020}^{(21)} m_{111}^{(22)} m_{310}^{(20)} - m_{020}^{(21)} m_{111}^{(22)} m_{301}^{(10)} + 3m_{020}^{(21)} m_{111}^{(22)} m_{211}^{(00)} + m_{020}^{(21)} m_{102}^{(00)} m_{211}^{(21)} \\
&+2m_{020}^{(21)} m_{102}^{(00)} m_{202}^{(11)} - 3m_{020}^{(21)} m_{102}^{(00)} m_{112}^{(10)} - m_{020}^{(21)} m_{102}^{(10)} m_{301}^{(21)} - 2m_{020}^{(21)} m_{102}^{(10)} m_{202}^{(10)} \\
&+3m_{020}^{(21)} m_{102}^{(10)} m_{112}^{(00)} - m_{020}^{(21)} m_{102}^{(20)} m_{310}^{(21)} - m_{020}^{(21)} m_{102}^{(20)} m_{301}^{(11)} + 2m_{020}^{(21)} m_{102}^{(20)} m_{211}^{(10)} \\
&+m_{020}^{(21)} m_{102}^{(21)} m_{400}^{(21)} + 2m_{020}^{(21)} m_{102}^{(21)} m_{301}^{(10)} - 3m_{020}^{(21)} m_{102}^{(21)} m_{211}^{(00)} - m_{020}^{(21)} m_{102}^{(22)} m_{400}^{(11)} \\
&+m_{020}^{(21)} m_{102}^{(22)} m_{310}^{(10)} + m_{020}^{(21)} m_{021}^{(00)} m_{301}^{(22)} - m_{020}^{(21)} m_{021}^{(00)} m_{202}^{(20)} - m_{020}^{(21)} m_{021}^{(20)} m_{400}^{(22)} \\
&+m_{020}^{(21)} m_{021}^{(20)} m_{202}^{(00)} + m_{020}^{(21)} m_{021}^{(22)} m_{400}^{(20)} - m_{020}^{(21)} m_{021}^{(22)} m_{301}^{(00)} - m_{020}^{(21)} m_{012}^{(00)} m_{211}^{(20)} \\
&+m_{020}^{(21)} m_{012}^{(00)} m_{202}^{(10)} + m_{020}^{(21)} m_{012}^{(10)} m_{301}^{(20)} - m_{020}^{(21)} m_{012}^{(10)} m_{202}^{(00)} + m_{020}^{(21)} m_{012}^{(20)} m_{310}^{(20)} \\
&-2m_{020}^{(21)} m_{012}^{(20)} m_{301}^{(10)} + m_{020}^{(21)} m_{012}^{(20)} m_{211}^{(00)} - m_{020}^{(21)} m_{012}^{(21)} m_{400}^{(20)} + m_{020}^{(21)} m_{012}^{(21)} m_{301}^{(00)} \\
&+m_{020}^{(21)} m_{012}^{(22)} m_{400}^{(10)} - m_{020}^{(21)} m_{012}^{(22)} m_{310}^{(00)} - m_{020}^{(21)} m_{003}^{(00)} m_{301}^{(11)} + m_{020}^{(21)} m_{003}^{(00)} m_{211}^{(10)} \\
&+m_{020}^{(21)} m_{003}^{(10)} m_{301}^{(10)} - m_{020}^{(21)} m_{003}^{(10)} m_{211}^{(00)} + m_{020}^{(21)} m_{003}^{(20)} m_{400}^{(11)} - m_{020}^{(21)} m_{003}^{(20)} m_{310}^{(10)} \\
&-m_{020}^{(21)} m_{003}^{(21)} m_{400}^{(10)} + m_{020}^{(21)} m_{003}^{(21)} m_{310}^{(00)} + m_{020}^{(22)} m_{300}^{(10)} m_{112}^{(21)} - m_{020}^{(22)} m_{300}^{(10)} m_{022}^{(20)} \\
&-m_{020}^{(22)} m_{300}^{(20)} m_{112}^{(11)} + m_{020}^{(22)} m_{300}^{(20)} m_{022}^{(10)} - m_{020}^{(22)} m_{300}^{(21)} m_{211}^{(21)} + m_{020}^{(22)} m_{300}^{(21)} m_{121}^{(20)} \\
&+m_{020}^{(22)} m_{300}^{(22)} m_{211}^{(11)} - m_{020}^{(22)} m_{300}^{(22)} m_{121}^{(10)} - m_{020}^{(22)} m_{210}^{(00)} m_{112}^{(21)} + m_{020}^{(22)} m_{210}^{(00)} m_{022}^{(20)} \\
&-m_{020}^{(22)} m_{210}^{(10)} m_{202}^{(21)} + m_{020}^{(22)} m_{210}^{(10)} m_{112}^{(20)} + m_{020}^{(22)} m_{210}^{(20)} m_{211}^{(21)} + m_{020}^{(22)} m_{210}^{(20)} m_{202}^{(11)} \\
&-m_{020}^{(22)} m_{210}^{(20)} m_{121}^{(20)} - m_{020}^{(22)} m_{210}^{(20)} m_{022}^{(00)} + m_{020}^{(22)} m_{210}^{(21)} m_{301}^{(21)} - m_{020}^{(22)} m_{210}^{(21)} m_{211}^{(20)} \\
&-m_{020}^{(22)} m_{210}^{(22)} m_{301}^{(11)} + m_{020}^{(22)} m_{210}^{(22)} m_{121}^{(00)} + m_{020}^{(22)} m_{201}^{(00)} m_{112}^{(11)} - m_{020}^{(22)} m_{201}^{(00)} m_{022}^{(10)} \\
&-m_{020}^{(22)} m_{201}^{(10)} m_{211}^{(21)} + m_{020}^{(22)} m_{201}^{(10)} m_{121}^{(20)} - m_{020}^{(22)} m_{201}^{(10)} m_{112}^{(10)} + m_{020}^{(22)} m_{201}^{(10)} m_{022}^{(00)} \\
&+m_{020}^{(22)} m_{201}^{(21)} m_{310}^{(21)} - m_{020}^{(22)} m_{201}^{(21)} m_{220}^{(20)} + m_{020}^{(22)} m_{201}^{(21)} m_{211}^{(10)} - m_{020}^{(22)} m_{201}^{(21)} m_{121}^{(00)} \\
&-m_{020}^{(22)} m_{201}^{(22)} m_{310}^{(11)} + m_{020}^{(22)} m_{201}^{(22)} m_{220}^{(10)} + m_{020}^{(22)} m_{120}^{(00)} m_{202}^{(21)} - m_{020}^{(22)} m_{120}^{(00)} m_{112}^{(20)} \\
&-m_{020}^{(22)} m_{120}^{(20)} m_{301}^{(21)} + m_{020}^{(22)} m_{120}^{(20)} m_{211}^{(20)} - m_{020}^{(22)} m_{120}^{(20)} m_{202}^{(10)} + m_{020}^{(22)} m_{120}^{(20)} m_{112}^{(00)} \\
&+m_{020}^{(22)} m_{120}^{(22)} m_{301}^{(10)} - m_{020}^{(22)} m_{120}^{(22)} m_{211}^{(00)} + m_{020}^{(22)} m_{111}^{(00)} m_{211}^{(21)} - m_{020}^{(22)} m_{111}^{(00)} m_{202}^{(11)}
\end{aligned}
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\begin{aligned}
&-m_{020}^{(22)} m_{111}^{(00)} m_{121}^{(20)} + m_{020}^{(22)} m_{111}^{(00)} m_{112}^{(10)} + m_{020}^{(22)} m_{111}^{(10)} m_{301}^{(21)} - m_{020}^{(22)} m_{111}^{(10)} m_{211}^{(20)} \\
&+m_{020}^{(22)} m_{111}^{(10)} m_{202}^{(10)} - m_{020}^{(22)} m_{111}^{(10)} m_{112}^{(00)} - m_{020}^{(22)} m_{111}^{(20)} m_{310}^{(21)} + m_{020}^{(22)} m_{111}^{(20)} m_{220}^{(20)} \\
&-m_{020}^{(22)} m_{111}^{(20)} m_{211}^{(10)} + m_{020}^{(22)} m_{111}^{(20)} m_{121}^{(00)} - m_{020}^{(22)} m_{111}^{(21)} m_{400}^{(21)} + m_{020}^{(22)} m_{111}^{(21)} m_{310}^{(20)} \\
&-m_{020}^{(22)} m_{111}^{(21)} m_{301}^{(10)} + m_{020}^{(22)} m_{111}^{(21)} m_{211}^{(00)} + m_{020}^{(22)} m_{111}^{(22)} m_{400}^{(11)} - m_{020}^{(22)} m_{111}^{(22)} m_{220}^{(00)} \\
&-m_{020}^{(22)} m_{102}^{(00)} m_{211}^{(11)} + m_{020}^{(22)} m_{102}^{(00)} m_{121}^{(10)} + m_{020}^{(22)} m_{102}^{(10)} m_{211}^{(10)} - m_{020}^{(22)} m_{102}^{(10)} m_{121}^{(00)} \\
&+m_{020}^{(22)} m_{102}^{(20)} m_{310}^{(11)} - m_{020}^{(22)} m_{102}^{(20)} m_{220}^{(10)} - m_{020}^{(22)} m_{102}^{(21)} m_{310}^{(10)} + m_{020}^{(22)} m_{102}^{(21)} m_{220}^{(00)} \\
&-m_{020}^{(22)} m_{021}^{(00)} m_{301}^{(21)} + m_{020}^{(22)} m_{021}^{(00)} m_{211}^{(20)} + m_{020}^{(22)} m_{021}^{(20)} m_{400}^{(21)} - m_{020}^{(22)} m_{021}^{(20)} m_{310}^{(20)} \\
&+m_{020}^{(22)} m_{021}^{(20)} m_{301}^{(10)} - m_{020}^{(22)} m_{021}^{(20)} m_{211}^{(00)} - m_{020}^{(22)} m_{021}^{(22)} m_{400}^{(10)} + m_{020}^{(22)} m_{021}^{(22)} m_{310}^{(00)} \\
&+m_{020}^{(22)} m_{012}^{(00)} m_{301}^{(11)} - m_{020}^{(22)} m_{012}^{(00)} m_{211}^{(10)} - m_{020}^{(22)} m_{012}^{(10)} m_{301}^{(10)} + m_{020}^{(22)} m_{012}^{(10)} m_{211}^{(00)} \\
&-m_{020}^{(22)} m_{012}^{(20)} m_{400}^{(11)} + m_{020}^{(22)} m_{012}^{(20)} m_{310}^{(10)} + m_{020}^{(22)} m_{012}^{(21)} m_{400}^{(10)} - m_{020}^{(22)} m_{012}^{(21)} m_{310}^{(00)} \\
&-2m_{011}^{(00)} m_{210}^{(10)} m_{022}^{(22)} + 2m_{011}^{(00)} m_{210}^{(10)} m_{013}^{(21)} + m_{011}^{(00)} m_{210}^{(11)} m_{112}^{(22)} - m_{011}^{(00)} m_{210}^{(11)} m_{103}^{(21)} \\
&+2m_{011}^{(00)} m_{210}^{(20)} m_{022}^{(21)} - 2m_{011}^{(00)} m_{210}^{(20)} m_{013}^{(11)} + m_{011}^{(00)} m_{210}^{(21)} m_{121}^{(22)} - 2m_{011}^{(00)} m_{210}^{(21)} m_{112}^{(21)} \\
&+m_{011}^{(00)} m_{210}^{(21)} m_{103}^{(11)} - m_{011}^{(00)} m_{210}^{(22)} m_{121}^{(21)} + m_{011}^{(00)} m_{210}^{(22)} m_{112}^{(11)} + 2m_{011}^{(00)} m_{201}^{(10)} m_{031}^{(22)} \\
&-2m_{011}^{(00)} m_{201}^{(10)} m_{022}^{(21)} - m_{011}^{(00)} m_{201}^{(11)} m_{121}^{(22)} + m_{011}^{(00)} m_{201}^{(11)} m_{112}^{(21)} - 2m_{011}^{(00)} m_{201}^{(20)} m_{031}^{(21)} \\
&+2m_{011}^{(00)} m_{201}^{(20)} m_{022}^{(11)} - m_{011}^{(00)} m_{201}^{(21)} m_{130}^{(22)} + 2m_{011}^{(00)} m_{201}^{(21)} m_{121}^{(21)} - m_{011}^{(00)} m_{201}^{(21)} m_{112}^{(11)} \\
&+m_{011}^{(00)} m_{201}^{(22)} m_{130}^{(21)} - m_{011}^{(00)} m_{201}^{(22)} m_{121}^{(11)} + 2m_{011}^{(00)} m_{120}^{(00)} m_{022}^{(22)} - 2m_{011}^{(00)} m_{120}^{(00)} m_{013}^{(21)} \\
&-m_{011}^{(00)} m_{120}^{(20)} m_{121}^{(22)} + m_{011}^{(00)} m_{120}^{(20)} m_{103}^{(11)} - 2m_{011}^{(00)} m_{120}^{(20)} m_{022}^{(20)} + 2m_{011}^{(00)} m_{120}^{(20)} m_{013}^{(10)} \\
&-m_{011}^{(00)} m_{120}^{(21)} m_{211}^{(22)} + m_{011}^{(00)} m_{120}^{(21)} m_{202}^{(21)} + m_{011}^{(00)} m_{120}^{(21)} m_{112}^{(20)} - m_{011}^{(00)} m_{120}^{(21)} m_{103}^{(10)} \\
&+m_{011}^{(00)} m_{120}^{(22)} m_{211}^{(21)} - m_{011}^{(00)} m_{120}^{(22)} m_{202}^{(11)} + m_{011}^{(00)} m_{120}^{(22)} m_{121}^{(20)} - m_{011}^{(00)} m_{120}^{(22)} m_{112}^{(10)} \\
&-2m_{011}^{(00)} m_{111}^{(00)} m_{031}^{(22)} + 2m_{011}^{(00)} m_{111}^{(00)} m_{013}^{(11)} + m_{011}^{(00)} m_{111}^{(10)} m_{121}^{(22)} - m_{011}^{(00)} m_{111}^{(10)} m_{103}^{(11)} \\
&+2m_{011}^{(00)} m_{111}^{(10)} m_{022}^{(20)} - 2m_{011}^{(00)} m_{111}^{(10)} m_{013}^{(10)} - m_{011}^{(00)} m_{111}^{(11)} m_{211}^{(22)} + m_{011}^{(00)} m_{111}^{(11)} m_{202}^{(21)} \\
&-m_{011}^{(00)} m_{111}^{(11)} m_{112}^{(20)} + m_{011}^{(00)} m_{111}^{(11)} m_{103}^{(10)} + m_{011}^{(00)} m_{111}^{(20)} m_{130}^{(22)} - m_{011}^{(00)} m_{111}^{(20)} m_{112}^{(11)} \\
&+2m_{011}^{(00)} m_{111}^{(20)} m_{031}^{(20)} - 2m_{011}^{(00)} m_{111}^{(20)} m_{022}^{(10)} + m_{011}^{(00)} m_{111}^{(21)} m_{220}^{(22)} - m_{011}^{(00)} m_{111}^{(21)} m_{202}^{(11)} \\
&-2m_{011}^{(00)} m_{111}^{(21)} m_{121}^{(20)} + 2m_{011}^{(00)} m_{111}^{(21)} m_{112}^{(10)} - m_{011}^{(00)} m_{111}^{(22)} m_{220}^{(21)} + m_{011}^{(00)} m_{111}^{(22)} m_{211}^{(11)} \\
&-m_{011}^{(00)} m_{111}^{(22)} m_{130}^{(20)} + m_{011}^{(00)} m_{111}^{(22)} m_{121}^{(10)} + 2m_{011}^{(00)} m_{102}^{(00)} m_{031}^{(21)} - 2m_{011}^{(00)} m_{102}^{(00)} m_{022}^{(11)} \\
&-m_{011}^{(00)} m_{102}^{(10)} m_{130}^{(22)} + m_{011}^{(00)} m_{102}^{(10)} m_{112}^{(11)} - 2m_{011}^{(00)} m_{102}^{(10)} m_{031}^{(20)} + 2m_{011}^{(00)} m_{102}^{(10)} m_{022}^{(10)} \\
&+m_{011}^{(00)} m_{102}^{(11)} m_{220}^{(22)} - m_{011}^{(00)} m_{102}^{(11)} m_{211}^{(21)} + m_{011}^{(00)} m_{102}^{(11)} m_{121}^{(20)} - m_{011}^{(00)} m_{102}^{(11)} m_{112}^{(10)} \\
&-m_{011}^{(00)} m_{102}^{(21)} m_{220}^{(21)} + m_{011}^{(00)} m_{102}^{(21)} m_{211}^{(11)} + m_{011}^{(00)} m_{102}^{(21)} m_{130}^{(20)} - m_{011}^{(00)} m_{102}^{(21)} m_{121}^{(10)} \\
&-m_{011}^{(00)} m_{030}^{(00)} m_{112}^{(22)} + m_{011}^{(00)} m_{030}^{(00)} m_{103}^{(21)} + m_{011}^{(00)} m_{030}^{(20)} m_{211}^{(22)} - m_{011}^{(00)} m_{030}^{(20)} m_{202}^{(21)} \\
&+m_{011}^{(00)} m_{030}^{(20)} m_{112}^{(20)} - m_{011}^{(00)} m_{030}^{(20)} m_{103}^{(10)} - m_{011}^{(00)} m_{030}^{(22)} m_{211}^{(20)} + m_{011}^{(00)} m_{030}^{(22)} m_{202}^{(10)} \\
&+m_{011}^{(00)} m_{021}^{(00)} m_{112}^{(21)} - m_{011}^{(00)} m_{021}^{(00)} m_{103}^{(11)} + m_{011}^{(00)} m_{021}^{(10)} m_{211}^{(22)} - m_{011}^{(00)} m_{021}^{(10)} m_{202}^{(21)} \\
&-m_{011}^{(00)} m_{021}^{(10)} m_{112}^{(20)} + m_{011}^{(00)} m_{021}^{(10)} m_{103}^{(10)} - m_{011}^{(00)} m_{021}^{(20)} m_{220}^{(22)} + m_{011}^{(00)} m_{021}^{(20)} m_{202}^{(11)} \\
&+m_{011}^{(00)} m_{021}^{(22)} m_{220}^{(20)} - m_{011}^{(00)} m_{021}^{(22)} m_{211}^{(10)} + m_{011}^{(00)} m_{012}^{(00)} m_{130}^{(22)} - m_{011}^{(00)} m_{012}^{(00)} m_{121}^{(21)} \\
&-m_{011}^{(00)} m_{012}^{(10)} m_{220}^{(22)} + m_{011}^{(00)} m_{012}^{(10)} m_{202}^{(11)} + m_{011}^{(00)} m_{012}^{(11)} m_{211}^{(20)} - m_{011}^{(00)} m_{012}^{(11)} m_{202}^{(10)} \\
&+m_{011}^{(00)} m_{012}^{(20)} m_{220}^{(21)} - m_{011}^{(00)} m_{012}^{(20)} m_{211}^{(11)} - m_{011}^{(00)} m_{012}^{(20)} m_{130}^{(20)} + m_{011}^{(00)} m_{012}^{(20)} m_{121}^{(10)} \\
&-m_{011}^{(00)} m_{003}^{(00)} m_{130}^{(21)} + m_{011}^{(00)} m_{003}^{(00)} m_{121}^{(11)} + m_{011}^{(00)} m_{003}^{(10)} m_{220}^{(21)} - m_{011}^{(00)} m_{003}^{(10)} m_{211}^{(11)} \\
&+m_{011}^{(00)} m_{003}^{(10)} m_{130}^{(20)} - m_{011}^{(00)} m_{003}^{(10)} m_{121}^{(10)} - m_{011}^{(00)} m_{003}^{(11)} m_{220}^{(20)} + m_{011}^{(00)} m_{003}^{(11)} m_{211}^{(10)} \\
&+2m_{011}^{(10)} m_{300}^{(10)} m_{022}^{(22)} - 2m_{011}^{(10)} m_{300}^{(10)} m_{013}^{(21)} - m_{011}^{(10)} m_{300}^{(11)} m_{112}^{(22)} + m_{011}^{(10)} m_{300}^{(11)} m_{103}^{(21)}
\end{aligned}
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\begin{aligned}
&-2m_{011}^{(10)}m_{300}^{(20)}m_{022}^{(21)}+2m_{011}^{(10)}m_{300}^{(20)}m_{013}^{(11)}-m_{011}^{(10)}m_{300}^{(21)}m_{121}^{(22)}+2m_{011}^{(10)}m_{300}^{(21)}m_{112}^{(21)}\\
&-m_{011}^{(10)}m_{300}^{(21)}m_{103}^{(11)}+m_{011}^{(10)}m_{300}^{(22)}m_{121}^{(21)}-m_{011}^{(10)}m_{300}^{(22)}m_{112}^{(11)}-2m_{011}^{(10)}m_{210}^{(00)}m_{022}^{(22)}\\
&+2m_{011}^{(10)}m_{210}^{(00)}m_{013}^{(21)}+2m_{011}^{(10)}m_{210}^{(10)}m_{112}^{(22)}-2m_{011}^{(10)}m_{210}^{(10)}m_{013}^{(20)}-m_{011}^{(10)}m_{210}^{(11)}m_{202}^{(22)}\\
&+m_{011}^{(10)}m_{210}^{(11)}m_{103}^{(20)}+m_{011}^{(10)}m_{210}^{(20)}m_{121}^{(22)}-2m_{011}^{(10)}m_{210}^{(20)}m_{112}^{(21)}-m_{011}^{(10)}m_{210}^{(20)}m_{103}^{(11)}\\
&+2m_{011}^{(10)}m_{210}^{(20)}m_{022}^{(20)}+m_{011}^{(10)}m_{210}^{(22)}m_{202}^{(11)}-m_{011}^{(10)}m_{210}^{(22)}m_{121}^{(20)}+2m_{011}^{(10)}m_{201}^{(00)}m_{022}^{(21)}\\
&-2m_{011}^{(10)}m_{201}^{(00)}m_{013}^{(11)}-5m_{011}^{(10)}m_{201}^{(10)}m_{121}^{(22)}+2m_{011}^{(10)}m_{201}^{(10)}m_{112}^{(21)}+m_{011}^{(10)}m_{201}^{(10)}m_{103}^{(11)}\\
&+2m_{011}^{(10)}m_{201}^{(10)}m_{013}^{(10)}+3m_{011}^{(10)}m_{201}^{(11)}m_{211}^{(22)}-2m_{011}^{(10)}m_{201}^{(11)}m_{202}^{(21)}-m_{011}^{(10)}m_{201}^{(11)}m_{103}^{(10)}\\
&+4m_{011}^{(10)}m_{201}^{(20)}m_{121}^{(21)}-2m_{011}^{(10)}m_{201}^{(20)}m_{112}^{(11)}-2m_{011}^{(10)}m_{201}^{(20)}m_{022}^{(10)}+2m_{011}^{(10)}m_{201}^{(21)}m_{220}^{(22)}\\
&-4m_{011}^{(10)}m_{201}^{(21)}m_{211}^{(21)}+2m_{011}^{(10)}m_{201}^{(21)}m_{202}^{(11)}-2m_{011}^{(10)}m_{201}^{(22)}m_{220}^{(21)}+m_{011}^{(10)}m_{201}^{(22)}m_{211}^{(11)}\\
&+m_{011}^{(10)}m_{201}^{(22)}m_{121}^{(10)}-m_{011}^{(10)}m_{120}^{(00)}m_{112}^{(22)}-m_{011}^{(10)}m_{120}^{(00)}m_{103}^{(21)}+2m_{011}^{(10)}m_{120}^{(00)}m_{013}^{(20)}\\
&+2m_{011}^{(10)}m_{120}^{(20)}m_{202}^{(21)}-2m_{011}^{(10)}m_{120}^{(20)}m_{013}^{(00)}+m_{011}^{(10)}m_{120}^{(21)}m_{301}^{(22)}-2m_{011}^{(10)}m_{120}^{(21)}m_{202}^{(20)}\\
&+m_{011}^{(10)}m_{120}^{(21)}m_{103}^{(00)}-m_{011}^{(10)}m_{120}^{(22)}m_{301}^{(21)}+m_{011}^{(10)}m_{120}^{(22)}m_{112}^{(00)}+5m_{011}^{(10)}m_{111}^{(00)}m_{121}^{(22)}\\
&-2m_{011}^{(10)}m_{111}^{(00)}m_{112}^{(21)}+m_{011}^{(10)}m_{111}^{(00)}m_{103}^{(11)}-2m_{011}^{(10)}m_{111}^{(00)}m_{022}^{(20)}-2m_{011}^{(10)}m_{111}^{(00)}m_{013}^{(10)}\\
&-2m_{011}^{(10)}m_{111}^{(10)}m_{211}^{(22)}+2m_{011}^{(10)}m_{111}^{(10)}m_{013}^{(00)}+m_{011}^{(10)}m_{111}^{(11)}m_{301}^{(22)}-m_{011}^{(10)}m_{111}^{(11)}m_{103}^{(00)}\\
&-2m_{011}^{(10)}m_{111}^{(20)}m_{220}^{(22)}-4m_{011}^{(10)}m_{111}^{(20)}m_{121}^{(20)}+4m_{011}^{(10)}m_{111}^{(20)}m_{112}^{(10)}+2m_{011}^{(10)}m_{111}^{(20)}m_{022}^{(00)}\\
&-2m_{011}^{(10)}m_{111}^{(21)}m_{310}^{(22)}+4m_{011}^{(10)}m_{111}^{(21)}m_{211}^{(20)}-2m_{011}^{(10)}m_{111}^{(21)}m_{112}^{(00)}+2m_{011}^{(10)}m_{111}^{(22)}m_{310}^{(21)}\\
&-m_{011}^{(10)}m_{111}^{(22)}m_{301}^{(11)}+2m_{011}^{(10)}m_{111}^{(22)}m_{220}^{(20)}-2m_{011}^{(10)}m_{111}^{(22)}m_{211}^{(10)}-m_{011}^{(10)}m_{111}^{(22)}m_{121}^{(00)}\\
&-5m_{011}^{(10)}m_{102}^{(00)}m_{121}^{(21)}+3m_{011}^{(10)}m_{102}^{(00)}m_{112}^{(11)}+2m_{011}^{(10)}m_{102}^{(00)}m_{022}^{(10)}+2m_{011}^{(10)}m_{102}^{(10)}m_{220}^{(22)}\\
&+2m_{011}^{(10)}m_{102}^{(10)}m_{211}^{(21)}-2m_{011}^{(10)}m_{102}^{(10)}m_{202}^{(11)}+4m_{011}^{(10)}m_{102}^{(10)}m_{121}^{(20)}-4m_{011}^{(10)}m_{102}^{(10)}m_{112}^{(10)}\\
&-2m_{011}^{(10)}m_{102}^{(10)}m_{022}^{(00)}-2m_{011}^{(10)}m_{102}^{(11)}m_{310}^{(22)}+m_{011}^{(10)}m_{102}^{(11)}m_{301}^{(21)}-2m_{011}^{(10)}m_{102}^{(11)}m_{211}^{(20)}\\
&+2m_{011}^{(10)}m_{102}^{(11)}m_{202}^{(10)}+m_{011}^{(10)}m_{102}^{(11)}m_{112}^{(00)}+2m_{011}^{(10)}m_{102}^{(21)}m_{310}^{(21)}-m_{011}^{(10)}m_{102}^{(21)}m_{301}^{(11)}\\
&-2m_{011}^{(10)}m_{102}^{(21)}m_{220}^{(20)}+m_{011}^{(10)}m_{102}^{(21)}m_{121}^{(00)}+m_{011}^{(10)}m_{030}^{(00)}m_{202}^{(22)}-m_{011}^{(10)}m_{030}^{(00)}m_{103}^{(20)}\\
&-m_{011}^{(10)}m_{030}^{(20)}m_{301}^{(22)}+m_{011}^{(10)}m_{030}^{(20)}m_{103}^{(00)}+m_{011}^{(10)}m_{030}^{(22)}m_{301}^{(20)}-m_{011}^{(10)}m_{030}^{(22)}m_{202}^{(00)}\\
&-m_{011}^{(10)}m_{021}^{(00)}m_{211}^{(22)}+m_{011}^{(10)}m_{021}^{(00)}m_{103}^{(10)}-m_{011}^{(10)}m_{021}^{(10)}m_{301}^{(22)}+2m_{011}^{(10)}m_{021}^{(10)}m_{202}^{(20)}\\
&-m_{011}^{(10)}m_{021}^{(10)}m_{103}^{(00)}+2m_{011}^{(10)}m_{021}^{(20)}m_{310}^{(22)}-2m_{011}^{(10)}m_{021}^{(20)}m_{202}^{(10)}-2m_{011}^{(10)}m_{021}^{(22)}m_{310}^{(20)}\\
&+m_{011}^{(10)}m_{021}^{(22)}m_{301}^{(10)}+m_{011}^{(10)}m_{021}^{(22)}m_{211}^{(00)}-2m_{011}^{(10)}m_{012}^{(00)}m_{220}^{(22)}+2m_{011}^{(10)}m_{012}^{(00)}m_{211}^{(21)}\\
&-m_{011}^{(10)}m_{012}^{(00)}m_{202}^{(11)}+m_{011}^{(10)}m_{012}^{(00)}m_{121}^{(20)}+2m_{011}^{(10)}m_{012}^{(10)}m_{310}^{(22)}-2m_{011}^{(10)}m_{012}^{(10)}m_{211}^{(20)}\\
&-m_{011}^{(10)}m_{012}^{(11)}m_{301}^{(20)}+m_{011}^{(10)}m_{012}^{(11)}m_{202}^{(00)}-2m_{011}^{(10)}m_{012}^{(20)}m_{310}^{(21)}+m_{011}^{(10)}m_{012}^{(20)}m_{301}^{(11)}\\
&+2m_{011}^{(10)}m_{012}^{(20)}m_{220}^{(20)}-m_{011}^{(10)}m_{012}^{(20)}m_{121}^{(00)}+2m_{011}^{(10)}m_{003}^{(00)}m_{220}^{(21)}-m_{011}^{(10)}m_{003}^{(00)}m_{211}^{(11)}\\
&-m_{011}^{(10)}m_{003}^{(00)}m_{121}^{(10)}-2m_{011}^{(10)}m_{003}^{(10)}m_{310}^{(21)}+m_{011}^{(10)}m_{003}^{(10)}m_{301}^{(11)}-2m_{011}^{(10)}m_{003}^{(10)}m_{220}^{(20)}\\
&+2m_{011}^{(10)}m_{003}^{(10)}m_{211}^{(10)}+m_{011}^{(10)}m_{003}^{(10)}m_{121}^{(00)}+2m_{011}^{(10)}m_{003}^{(11)}m_{310}^{(20)}-m_{011}^{(10)}m_{003}^{(11)}m_{301}^{(10)}\\
&-m_{011}^{(10)}m_{003}^{(11)}m_{211}^{(00)}-2m_{011}^{(11)}m_{300}^{(10)}m_{112}^{(22)}+2m_{011}^{(11)}m_{300}^{(10)}m_{013}^{(20)}+m_{011}^{(11)}m_{300}^{(11)}m_{202}^{(22)}\\
&-m_{011}^{(11)}m_{300}^{(11)}m_{103}^{(20)}+2m_{011}^{(11)}m_{300}^{(20)}m_{112}^{(21)}-2m_{011}^{(11)}m_{300}^{(20)}m_{013}^{(10)}+m_{011}^{(11)}m_{300}^{(21)}m_{211}^{(22)}\\
&-m_{011}^{(11)}m_{300}^{(21)}m_{202}^{(21)}-m_{011}^{(11)}m_{300}^{(21)}m_{112}^{(20)}+m_{011}^{(11)}m_{300}^{(21)}m_{103}^{(10)}-m_{011}^{(11)}m_{300}^{(22)}m_{211}^{(21)}\\
&+m_{011}^{(11)}m_{300}^{(22)}m_{112}^{(10)}+2m_{011}^{(11)}m_{210}^{(00)}m_{112}^{(22)}-2m_{011}^{(11)}m_{210}^{(00)}m_{013}^{(20)}-m_{011}^{(11)}m_{210}^{(20)}m_{211}^{(22)}\\
&-m_{011}^{(11)}m_{210}^{(20)}m_{202}^{(21)}-m_{011}^{(11)}m_{210}^{(20)}m_{112}^{(20)}+m_{011}^{(11)}m_{210}^{(20)}m_{103}^{(10)}+2m_{011}^{(11)}m_{210}^{(20)}m_{013}^{(00)}\\
&-m_{011}^{(11)}m_{210}^{(21)}m_{301}^{(22)}+2m_{011}^{(11)}m_{210}^{(21)}m_{202}^{(20)}-m_{011}^{(11)}m_{210}^{(21)}m_{103}^{(00)}+m_{011}^{(11)}m_{210}^{(22)}m_{301}^{(21)}\\
&+m_{011}^{(11)}m_{210}^{(22)}m_{211}^{(20)}-m_{011}^{(11)}m_{210}^{(22)}m_{202}^{(10)}-m_{011}^{(11)}m_{210}^{(22)}m_{112}^{(00)}-2m_{011}^{(11)}m_{201}^{(00)}m_{112}^{(21)}
\end{aligned}
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\begin{aligned}
&+2m_{011}^{(11)}m_{201}^{(00)}m_{013}^{(10)} + 3m_{011}^{(11)}m_{201}^{(10)}m_{211}^{(22)} + m_{011}^{(11)}m_{201}^{(10)}m_{202}^{(21)} - m_{011}^{(11)}m_{201}^{(10)}m_{112}^{(20)}\\
&-m_{011}^{(11)}m_{201}^{(10)}m_{103}^{(10)} - 2m_{011}^{(11)}m_{201}^{(10)}m_{013}^{(00)} - 2m_{011}^{(11)}m_{201}^{(11)}m_{301}^{(22)} + m_{011}^{(11)}m_{201}^{(11)}m_{202}^{(20)}\\
&+m_{011}^{(11)}m_{201}^{(11)}m_{103}^{(00)} - 2m_{011}^{(11)}m_{201}^{(20)}m_{211}^{(21)} + 2m_{011}^{(11)}m_{201}^{(20)}m_{112}^{(10)} - m_{011}^{(11)}m_{201}^{(21)}m_{310}^{(22)}\\
&+2m_{011}^{(11)}m_{201}^{(21)}m_{301}^{(21)} - 2m_{011}^{(11)}m_{201}^{(21)}m_{202}^{(10)} + m_{011}^{(11)}m_{201}^{(21)}m_{112}^{(00)} + m_{011}^{(11)}m_{201}^{(22)}m_{310}^{(21)}\\
&-m_{011}^{(11)}m_{201}^{(22)}m_{211}^{(10)} - m_{011}^{(11)}m_{120}^{(00)}m_{202}^{(22)} + m_{011}^{(11)}m_{120}^{(00)}m_{103}^{(20)} + m_{011}^{(11)}m_{120}^{(20)}m_{301}^{(22)}\\
&-m_{011}^{(11)}m_{120}^{(20)}m_{103}^{(00)} - m_{011}^{(11)}m_{120}^{(22)}m_{301}^{(20)} + m_{011}^{(11)}m_{120}^{(22)}m_{202}^{(00)} - 3m_{011}^{(11)}m_{111}^{(00)}m_{211}^{(22)}\\
&+m_{011}^{(11)}m_{111}^{(00)}m_{202}^{(21)} + 3m_{011}^{(11)}m_{111}^{(00)}m_{112}^{(20)} - m_{011}^{(11)}m_{111}^{(00)}m_{103}^{(10)} + m_{011}^{(11)}m_{111}^{(10)}m_{301}^{(22)}\\
&-2m_{011}^{(11)}m_{111}^{(10)}m_{202}^{(20)} + m_{011}^{(11)}m_{111}^{(10)}m_{103}^{(00)} + m_{011}^{(11)}m_{111}^{(20)}m_{310}^{(22)} + 2m_{011}^{(11)}m_{111}^{(20)}m_{211}^{(20)}\\
&-3m_{011}^{(11)}m_{111}^{(20)}m_{112}^{(00)} + m_{011}^{(11)}m_{111}^{(21)}m_{400}^{(22)} - 2m_{011}^{(11)}m_{111}^{(21)}m_{301}^{(20)} + m_{011}^{(11)}m_{111}^{(21)}m_{202}^{(00)}\\
&-m_{011}^{(11)}m_{111}^{(22)}m_{400}^{(21)} - m_{011}^{(11)}m_{111}^{(22)}m_{310}^{(20)} + m_{011}^{(11)}m_{111}^{(22)}m_{301}^{(10)} + m_{011}^{(11)}m_{111}^{(22)}m_{211}^{(00)}\\
&+3m_{011}^{(11)}m_{102}^{(00)}m_{211}^{(21)} - 3m_{011}^{(11)}m_{102}^{(00)}m_{112}^{(10)} - m_{011}^{(11)}m_{102}^{(10)}m_{310}^{(22)} - 2m_{011}^{(11)}m_{102}^{(10)}m_{301}^{(21)}\\
&-2m_{011}^{(11)}m_{102}^{(10)}m_{211}^{(20)} + 2m_{011}^{(11)}m_{102}^{(10)}m_{202}^{(10)} + 3m_{011}^{(11)}m_{102}^{(10)}m_{112}^{(00)} + m_{011}^{(11)}m_{102}^{(11)}m_{400}^{(22)}\\
&+m_{011}^{(11)}m_{102}^{(11)}m_{301}^{(20)} - 2m_{011}^{(11)}m_{102}^{(11)}m_{202}^{(00)} - m_{011}^{(11)}m_{102}^{(21)}m_{400}^{(21)} + m_{011}^{(11)}m_{102}^{(21)}m_{310}^{(20)}\\
&+m_{011}^{(11)}m_{102}^{(21)}m_{301}^{(10)} - m_{011}^{(11)}m_{102}^{(21)}m_{211}^{(00)} + m_{011}^{(11)}m_{021}^{(00)}m_{301}^{(22)} - m_{011}^{(11)}m_{021}^{(00)}m_{202}^{(20)}\\
&-m_{011}^{(11)}m_{021}^{(20)}m_{400}^{(22)} + m_{011}^{(11)}m_{021}^{(20)}m_{202}^{(00)} + m_{011}^{(11)}m_{021}^{(22)}m_{400}^{(20)} - m_{011}^{(11)}m_{021}^{(22)}m_{301}^{(00)}\\
&+m_{011}^{(11)}m_{012}^{(00)}m_{310}^{(22)} - m_{011}^{(11)}m_{012}^{(00)}m_{301}^{(21)} - m_{011}^{(11)}m_{012}^{(00)}m_{211}^{(20)} + m_{011}^{(11)}m_{012}^{(00)}m_{202}^{(10)}\\
&-m_{011}^{(11)}m_{012}^{(10)}m_{400}^{(22)} + 2m_{011}^{(11)}m_{012}^{(10)}m_{301}^{(20)} - m_{011}^{(11)}m_{012}^{(10)}m_{202}^{(00)} + m_{011}^{(11)}m_{012}^{(20)}m_{400}^{(21)}\\
&-m_{011}^{(11)}m_{012}^{(20)}m_{310}^{(20)} - m_{011}^{(11)}m_{012}^{(20)}m_{301}^{(10)} + m_{011}^{(11)}m_{012}^{(20)}m_{211}^{(00)} - m_{011}^{(11)}m_{003}^{(00)}m_{310}^{(21)}\\
&+m_{011}^{(11)}m_{003}^{(00)}m_{211}^{(10)} + m_{011}^{(11)}m_{003}^{(10)}m_{400}^{(21)} + m_{011}^{(11)}m_{003}^{(10)}m_{310}^{(20)} - m_{011}^{(11)}m_{003}^{(10)}m_{301}^{(10)}\\
&-m_{011}^{(11)}m_{003}^{(10)}m_{211}^{(00)} - m_{011}^{(11)}m_{003}^{(11)}m_{400}^{(20)} + m_{011}^{(11)}m_{003}^{(11)}m_{301}^{(00)} - 2m_{011}^{(20)}m_{300}^{(10)}m_{031}^{(22)}\\
&+2m_{011}^{(20)}m_{300}^{(10)}m_{022}^{(21)} + m_{011}^{(20)}m_{300}^{(11)}m_{121}^{(22)} - m_{011}^{(20)}m_{300}^{(11)}m_{112}^{(21)} + 2m_{011}^{(20)}m_{300}^{(20)}m_{031}^{(21)}\\
&-2m_{011}^{(20)}m_{300}^{(20)}m_{022}^{(11)} + m_{011}^{(20)}m_{300}^{(21)}m_{130}^{(22)} - 2m_{011}^{(20)}m_{300}^{(21)}m_{121}^{(21)} + m_{011}^{(20)}m_{300}^{(21)}m_{112}^{(11)}\\
&-m_{011}^{(20)}m_{300}^{(22)}m_{130}^{(21)} + m_{011}^{(20)}m_{300}^{(22)}m_{121}^{(11)} + 2m_{011}^{(20)}m_{210}^{(00)}m_{031}^{(22)} - 2m_{011}^{(20)}m_{210}^{(00)}m_{022}^{(21)}\\
&+2m_{011}^{(20)}m_{210}^{(10)}m_{121}^{(22)} - 4m_{011}^{(20)}m_{210}^{(10)}m_{112}^{(21)} + 2m_{011}^{(20)}m_{210}^{(10)}m_{022}^{(20)} - m_{011}^{(20)}m_{210}^{(11)}m_{211}^{(22)}\\
&+2m_{011}^{(20)}m_{210}^{(11)}m_{202}^{(21)} - m_{011}^{(20)}m_{210}^{(11)}m_{112}^{(20)} - m_{011}^{(20)}m_{210}^{(20)}m_{130}^{(22)} - 2m_{011}^{(20)}m_{210}^{(20)}m_{121}^{(21)}\\
&+5m_{011}^{(20)}m_{210}^{(20)}m_{112}^{(11)} - 2m_{011}^{(20)}m_{210}^{(20)}m_{031}^{(20)} - 2m_{011}^{(20)}m_{210}^{(21)}m_{220}^{(22)} + 4m_{011}^{(20)}m_{210}^{(21)}m_{211}^{(21)}\\
&-2m_{011}^{(20)}m_{210}^{(21)}m_{202}^{(11)} + 2m_{011}^{(20)}m_{210}^{(22)}m_{220}^{(21)} - 3m_{011}^{(20)}m_{210}^{(22)}m_{211}^{(11)} + m_{011}^{(20)}m_{210}^{(22)}m_{130}^{(20)}\\
&-2m_{011}^{(20)}m_{201}^{(00)}m_{031}^{(21)} + 2m_{011}^{(20)}m_{201}^{(00)}m_{022}^{(11)} + m_{011}^{(20)}m_{201}^{(10)}m_{130}^{(22)} + 2m_{011}^{(20)}m_{201}^{(10)}m_{121}^{(21)}\\
&-m_{011}^{(20)}m_{201}^{(10)}m_{112}^{(11)} - 2m_{011}^{(20)}m_{201}^{(10)}m_{022}^{(10)} - m_{011}^{(20)}m_{201}^{(11)}m_{220}^{(22)} + m_{011}^{(20)}m_{201}^{(11)}m_{112}^{(10)}\\
&-2m_{011}^{(20)}m_{201}^{(20)}m_{121}^{(11)} + 2m_{011}^{(20)}m_{201}^{(20)}m_{031}^{(10)} + m_{011}^{(20)}m_{201}^{(22)}m_{220}^{(11)} - m_{011}^{(20)}m_{201}^{(22)}m_{130}^{(10)}\\
&-3m_{011}^{(20)}m_{120}^{(00)}m_{121}^{(22)} + 5m_{011}^{(20)}m_{120}^{(00)}m_{112}^{(21)} - 2m_{011}^{(20)}m_{120}^{(00)}m_{022}^{(20)} + 2m_{011}^{(20)}m_{120}^{(20)}m_{220}^{(22)}\\
&-2m_{011}^{(20)}m_{120}^{(20)}m_{211}^{(21)} - 2m_{011}^{(20)}m_{120}^{(20)}m_{202}^{(11)} + 4m_{011}^{(20)}m_{120}^{(20)}m_{121}^{(20)} - 4m_{011}^{(20)}m_{120}^{(20)}m_{112}^{(10)}\\
&+2m_{011}^{(20)}m_{120}^{(20)}m_{022}^{(00)} + m_{011}^{(20)}m_{120}^{(21)}m_{310}^{(22)} - 2m_{011}^{(20)}m_{120}^{(21)}m_{301}^{(21)} + 2m_{011}^{(20)}m_{120}^{(21)}m_{202}^{(10)}\\
&-m_{011}^{(20)}m_{120}^{(21)}m_{112}^{(00)} - m_{011}^{(20)}m_{120}^{(22)}m_{310}^{(21)} + 2m_{011}^{(20)}m_{120}^{(22)}m_{301}^{(11)} - 2m_{011}^{(20)}m_{120}^{(22)}m_{220}^{(20)}\\
&+2m_{011}^{(20)}m_{120}^{(22)}m_{211}^{(10)} - m_{011}^{(20)}m_{120}^{(22)}m_{121}^{(00)} - m_{011}^{(20)}m_{111}^{(00)}m_{130}^{(22)} + 2m_{011}^{(20)}m_{111}^{(00)}m_{121}^{(21)}\\
&-5m_{011}^{(20)}m_{111}^{(00)}m_{112}^{(11)} + 2m_{011}^{(20)}m_{111}^{(00)}m_{031}^{(20)} + 2m_{011}^{(20)}m_{111}^{(00)}m_{022}^{(10)} + 2m_{011}^{(20)}m_{111}^{(10)}m_{202}^{(11)}\\
&-4m_{011}^{(20)}m_{111}^{(10)}m_{121}^{(20)} + 4m_{011}^{(20)}m_{111}^{(10)}m_{112}^{(10)} - 2m_{011}^{(20)}m_{111}^{(10)}m_{022}^{(00)} + m_{011}^{(20)}m_{111}^{(11)}m_{310}^{(22)}\\
&-2m_{011}^{(20)}m_{111}^{(11)}m_{301}^{(21)} + 2m_{011}^{(20)}m_{111}^{(11)}m_{211}^{(20)} - 2m_{011}^{(20)}m_{111}^{(11)}m_{202}^{(10)} + m_{011}^{(20)}m_{111}^{(11)}m_{112}^{(00)}
\end{aligned}
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$$+2m_{011}^{(20)}m_{111}^{(20)}m_{211}^{(11)} - 2m_{011}^{(20)}m_{111}^{(20)}m_{031}^{(00)} + 2m_{011}^{(20)}m_{111}^{(21)}m_{301}^{(11)} - 4m_{011}^{(20)}m_{111}^{(21)}m_{211}^{(10)}$$
$$+2m_{011}^{(20)}m_{111}^{(21)}m_{121}^{(00)} - m_{011}^{(20)}m_{111}^{(22)}m_{310}^{(11)} + m_{011}^{(20)}m_{111}^{(22)}m_{130}^{(00)} + m_{011}^{(20)}m_{102}^{(00)}m_{130}^{(21)}$$
$$+m_{011}^{(20)}m_{102}^{(00)}m_{121}^{(11)} - 2m_{011}^{(20)}m_{102}^{(00)}m_{031}^{(10)} - 2m_{011}^{(20)}m_{102}^{(10)}m_{220}^{(21)} + 2m_{011}^{(20)}m_{102}^{(10)}m_{031}^{(00)}$$
$$+m_{011}^{(20)}m_{102}^{(11)}m_{310}^{(21)} - m_{011}^{(20)}m_{102}^{(11)}m_{121}^{(00)} - m_{011}^{(20)}m_{102}^{(21)}m_{310}^{(11)} + 2m_{011}^{(20)}m_{102}^{(21)}m_{220}^{(10)}$$
$$-m_{011}^{(20)}m_{102}^{(21)}m_{130}^{(00)} + m_{011}^{(20)}m_{030}^{(00)}m_{211}^{(22)} - 2m_{011}^{(20)}m_{030}^{(00)}m_{202}^{(21)} + m_{011}^{(20)}m_{030}^{(00)}m_{112}^{(20)}$$
$$-m_{011}^{(20)}m_{030}^{(20)}m_{310}^{(22)} + 2m_{011}^{(20)}m_{030}^{(20)}m_{301}^{(21)} - 2m_{011}^{(20)}m_{030}^{(20)}m_{211}^{(20)} + 2m_{011}^{(20)}m_{030}^{(20)}m_{202}^{(10)}$$
$$-m_{011}^{(20)}m_{030}^{(20)}m_{112}^{(00)} + m_{011}^{(20)}m_{030}^{(22)}m_{310}^{(20)} - 2m_{011}^{(20)}m_{030}^{(22)}m_{301}^{(10)} + m_{011}^{(20)}m_{030}^{(22)}m_{211}^{(00)}$$
$$+m_{011}^{(20)}m_{021}^{(00)}m_{220}^{(22)} - 2m_{011}^{(20)}m_{021}^{(00)}m_{211}^{(21)} + 2m_{011}^{(20)}m_{021}^{(00)}m_{202}^{(11)} - m_{011}^{(20)}m_{021}^{(00)}m_{112}^{(10)}$$
$$-m_{011}^{(20)}m_{021}^{(10)}m_{310}^{(22)} + 2m_{011}^{(20)}m_{021}^{(10)}m_{301}^{(21)} - 2m_{011}^{(20)}m_{021}^{(10)}m_{202}^{(10)} + m_{011}^{(20)}m_{021}^{(10)}m_{112}^{(00)}$$
$$-2m_{011}^{(20)}m_{021}^{(20)}m_{301}^{(11)} + 2m_{011}^{(20)}m_{021}^{(20)}m_{211}^{(10)} + m_{011}^{(20)}m_{021}^{(22)}m_{310}^{(10)} - m_{011}^{(20)}m_{021}^{(22)}m_{220}^{(00)}$$
$$+m_{011}^{(20)}m_{012}^{(00)}m_{211}^{(11)} - m_{011}^{(20)}m_{012}^{(00)}m_{130}^{(20)} - 2m_{011}^{(20)}m_{012}^{(10)}m_{301}^{(11)} + 2m_{011}^{(20)}m_{012}^{(10)}m_{220}^{(20)}$$
$$-m_{011}^{(20)}m_{012}^{(11)}m_{310}^{(20)} + 2m_{011}^{(20)}m_{012}^{(11)}m_{301}^{(10)} - m_{011}^{(20)}m_{012}^{(11)}m_{211}^{(00)} + m_{011}^{(20)}m_{012}^{(20)}m_{310}^{(11)}$$
$$-2m_{011}^{(20)}m_{012}^{(20)}m_{220}^{(10)} + m_{011}^{(20)}m_{012}^{(20)}m_{130}^{(00)} - m_{011}^{(20)}m_{003}^{(00)}m_{220}^{(11)} + m_{011}^{(20)}m_{003}^{(00)}m_{130}^{(10)}$$
$$+m_{011}^{(20)}m_{003}^{(10)}m_{310}^{(11)} - m_{011}^{(20)}m_{003}^{(10)}m_{130}^{(00)} - m_{011}^{(20)}m_{003}^{(11)}m_{310}^{(10)} + m_{011}^{(20)}m_{003}^{(11)}m_{220}^{(00)}$$
$$+2m_{011}^{(21)}m_{300}^{(10)}m_{121}^{(22)} + 2m_{011}^{(21)}m_{300}^{(10)}m_{112}^{(21)} - 4m_{011}^{(21)}m_{300}^{(10)}m_{022}^{(20)} - m_{011}^{(21)}m_{300}^{(11)}m_{211}^{(22)}$$
$$-m_{011}^{(21)}m_{300}^{(11)}m_{202}^{(21)} + 2m_{011}^{(21)}m_{300}^{(11)}m_{112}^{(20)} - 2m_{011}^{(21)}m_{300}^{(20)}m_{121}^{(21)} - 2m_{011}^{(21)}m_{300}^{(20)}m_{112}^{(11)}$$
$$+4m_{011}^{(21)}m_{300}^{(20)}m_{022}^{(10)} - m_{011}^{(21)}m_{300}^{(21)}m_{220}^{(22)} + m_{011}^{(21)}m_{300}^{(21)}m_{202}^{(11)} + 2m_{011}^{(21)}m_{300}^{(21)}m_{121}^{(20)}$$
$$-2m_{011}^{(21)}m_{300}^{(21)}m_{112}^{(10)} + m_{011}^{(21)}m_{300}^{(22)}m_{220}^{(21)} + m_{011}^{(21)}m_{300}^{(22)}m_{211}^{(11)} - 2m_{011}^{(21)}m_{300}^{(22)}m_{121}^{(10)}$$
$$-2m_{011}^{(21)}m_{210}^{(00)}m_{121}^{(22)} - 2m_{011}^{(21)}m_{210}^{(00)}m_{112}^{(21)} + 4m_{011}^{(21)}m_{210}^{(00)}m_{022}^{(20)} - 2m_{011}^{(21)}m_{210}^{(10)}m_{211}^{(22)}$$
$$+2m_{011}^{(21)}m_{210}^{(10)}m_{112}^{(20)} + m_{011}^{(21)}m_{210}^{(11)}m_{301}^{(22)} - m_{011}^{(21)}m_{210}^{(11)}m_{202}^{(20)} + m_{011}^{(21)}m_{210}^{(20)}m_{220}^{(22)}$$
$$+4m_{011}^{(21)}m_{210}^{(20)}m_{211}^{(21)} + m_{011}^{(21)}m_{210}^{(20)}m_{202}^{(11)} - 2m_{011}^{(21)}m_{210}^{(20)}m_{112}^{(10)} - 4m_{011}^{(21)}m_{210}^{(20)}m_{022}^{(00)}$$
$$+2m_{011}^{(21)}m_{210}^{(21)}m_{310}^{(22)} - 4m_{011}^{(21)}m_{210}^{(21)}m_{211}^{(20)} + 2m_{011}^{(21)}m_{210}^{(21)}m_{112}^{(00)} - 2m_{011}^{(21)}m_{210}^{(22)}m_{310}^{(21)}$$
$$-m_{011}^{(21)}m_{210}^{(22)}m_{301}^{(11)} - m_{011}^{(21)}m_{210}^{(22)}m_{220}^{(20)} + 2m_{011}^{(21)}m_{210}^{(22)}m_{211}^{(10)} + 2m_{011}^{(21)}m_{210}^{(22)}m_{121}^{(00)}$$
$$+2m_{011}^{(21)}m_{201}^{(00)}m_{121}^{(21)} + 2m_{011}^{(21)}m_{201}^{(00)}m_{112}^{(11)} - 4m_{011}^{(21)}m_{201}^{(00)}m_{022}^{(10)} - m_{011}^{(21)}m_{201}^{(10)}m_{220}^{(22)}$$
$$-4m_{011}^{(21)}m_{201}^{(10)}m_{211}^{(21)} - m_{011}^{(21)}m_{201}^{(10)}m_{202}^{(11)} + 2m_{011}^{(21)}m_{201}^{(10)}m_{121}^{(20)} + 4m_{011}^{(21)}m_{201}^{(10)}m_{022}^{(00)}$$
$$+m_{011}^{(21)}m_{201}^{(11)}m_{310}^{(22)} + 2m_{011}^{(21)}m_{201}^{(11)}m_{301}^{(21)} - 2m_{011}^{(21)}m_{201}^{(11)}m_{211}^{(20)} + m_{011}^{(21)}m_{201}^{(11)}m_{202}^{(10)}$$
$$-2m_{011}^{(21)}m_{201}^{(11)}m_{112}^{(00)} + 2m_{011}^{(21)}m_{201}^{(20)}m_{211}^{(11)} - 2m_{011}^{(21)}m_{201}^{(20)}m_{121}^{(10)} - 2m_{011}^{(21)}m_{201}^{(21)}m_{301}^{(11)}$$
$$+4m_{011}^{(21)}m_{201}^{(21)}m_{211}^{(10)} - 2m_{011}^{(21)}m_{201}^{(21)}m_{121}^{(00)} - m_{011}^{(21)}m_{201}^{(22)}m_{310}^{(11)} + m_{011}^{(21)}m_{201}^{(22)}m_{220}^{(10)}$$
$$+3m_{011}^{(21)}m_{120}^{(00)}m_{211}^{(22)} + m_{011}^{(21)}m_{120}^{(00)}m_{202}^{(21)} - 4m_{011}^{(21)}m_{120}^{(00)}m_{112}^{(20)} - 2m_{011}^{(21)}m_{120}^{(20)}m_{310}^{(22)}$$
$$-2m_{011}^{(21)}m_{120}^{(20)}m_{301}^{(21)} + 4m_{011}^{(21)}m_{120}^{(20)}m_{112}^{(00)} - m_{011}^{(21)}m_{120}^{(21)}m_{400}^{(22)} + 2m_{011}^{(21)}m_{120}^{(21)}m_{301}^{(20)}$$
$$-m_{011}^{(21)}m_{120}^{(21)}m_{202}^{(00)} + m_{011}^{(21)}m_{120}^{(22)}m_{400}^{(21)} + 2m_{011}^{(21)}m_{120}^{(22)}m_{310}^{(20)} - 3m_{011}^{(21)}m_{120}^{(22)}m_{211}^{(00)}$$
$$+m_{011}^{(21)}m_{111}^{(00)}m_{220}^{(22)} - m_{011}^{(21)}m_{111}^{(00)}m_{202}^{(11)} - 4m_{011}^{(21)}m_{111}^{(00)}m_{121}^{(20)} + 4m_{011}^{(21)}m_{111}^{(00)}m_{112}^{(10)}$$
$$+4m_{011}^{(21)}m_{111}^{(10)}m_{211}^{(20)} - 4m_{011}^{(21)}m_{111}^{(10)}m_{112}^{(00)} - m_{011}^{(21)}m_{111}^{(11)}m_{400}^{(22)} + m_{011}^{(21)}m_{111}^{(11)}m_{202}^{(00)}$$
$$-4m_{011}^{(21)}m_{111}^{(20)}m_{211}^{(10)} + 4m_{011}^{(21)}m_{111}^{(20)}m_{121}^{(00)} + m_{011}^{(21)}m_{111}^{(22)}m_{400}^{(11)} - m_{011}^{(21)}m_{111}^{(22)}m_{220}^{(00)}$$
$$-m_{011}^{(21)}m_{102}^{(00)}m_{220}^{(21)} - 3m_{011}^{(21)}m_{102}^{(00)}m_{211}^{(11)} + 4m_{011}^{(21)}m_{102}^{(00)}m_{121}^{(10)} + 2m_{011}^{(21)}m_{102}^{(10)}m_{310}^{(21)}$$
$$+2m_{011}^{(21)}m_{102}^{(10)}m_{301}^{(11)} - 4m_{011}^{(21)}m_{102}^{(10)}m_{121}^{(00)} - m_{011}^{(21)}m_{102}^{(11)}m_{400}^{(21)} - 2m_{011}^{(21)}m_{102}^{(11)}m_{301}^{(10)}$$
$$+3m_{011}^{(21)}m_{102}^{(11)}m_{211}^{(00)} + m_{011}^{(21)}m_{102}^{(21)}m_{400}^{(11)} - 2m_{011}^{(21)}m_{102}^{(21)}m_{310}^{(10)} + m_{011}^{(21)}m_{102}^{(21)}m_{220}^{(00)}$$
$$-m_{011}^{(21)}m_{030}^{(00)}m_{301}^{(22)} + m_{011}^{(21)}m_{030}^{(00)}m_{202}^{(20)} + m_{011}^{(21)}m_{030}^{(20)}m_{400}^{(22)} - m_{011}^{(21)}m_{030}^{(20)}m_{202}^{(00)}$$

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\begin{aligned}
&-m_{011}^{(21)}m_{030}^{(22)}m_{400}^{(20)}+m_{011}^{(21)}m_{030}^{(22)}m_{301}^{(00)}-m_{011}^{(21)}m_{021}^{(00)}m_{310}^{(22)}+2m_{011}^{(21)}m_{021}^{(00)}m_{211}^{(20)}\\
&-m_{011}^{(21)}m_{021}^{(00)}m_{202}^{(10)}+m_{011}^{(21)}m_{021}^{(10)}m_{400}^{(22)}-2m_{011}^{(21)}m_{021}^{(10)}m_{301}^{(20)}+m_{011}^{(21)}m_{021}^{(10)}m_{202}^{(00)}\\
&+2m_{011}^{(21)}m_{021}^{(20)}m_{301}^{(10)}-2m_{011}^{(21)}m_{021}^{(20)}m_{211}^{(00)}-m_{011}^{(21)}m_{021}^{(22)}m_{400}^{(10)}+m_{011}^{(21)}m_{021}^{(22)}m_{310}^{(00)}\\
&+m_{011}^{(21)}m_{012}^{(00)}m_{301}^{(11)}+m_{011}^{(21)}m_{012}^{(00)}m_{220}^{(20)}-2m_{011}^{(21)}m_{012}^{(00)}m_{211}^{(10)}-2m_{011}^{(21)}m_{012}^{(10)}m_{310}^{(20)}\\
&+2m_{011}^{(21)}m_{012}^{(10)}m_{211}^{(00)}+m_{011}^{(21)}m_{012}^{(11)}m_{400}^{(20)}-m_{011}^{(21)}m_{012}^{(11)}m_{301}^{(00)}-m_{011}^{(21)}m_{012}^{(20)}m_{400}^{(11)}\\
&+2m_{011}^{(21)}m_{012}^{(20)}m_{310}^{(10)}-m_{011}^{(21)}m_{012}^{(20)}m_{220}^{(00)}+m_{011}^{(21)}m_{003}^{(00)}m_{310}^{(11)}-m_{011}^{(21)}m_{003}^{(00)}m_{220}^{(10)}\\
&-m_{011}^{(21)}m_{003}^{(10)}m_{400}^{(11)}+m_{011}^{(21)}m_{003}^{(10)}m_{220}^{(00)}+m_{011}^{(21)}m_{003}^{(11)}m_{400}^{(10)}-m_{011}^{(21)}m_{003}^{(11)}m_{310}^{(00)}\\
&-2m_{011}^{(22)}m_{300}^{(10)}m_{121}^{(21)}+2m_{011}^{(22)}m_{300}^{(10)}m_{031}^{(20)}+m_{011}^{(22)}m_{300}^{(11)}m_{211}^{(21)}-m_{011}^{(22)}m_{300}^{(11)}m_{121}^{(20)}\\
&+2m_{011}^{(22)}m_{300}^{(20)}m_{121}^{(11)}-2m_{011}^{(22)}m_{300}^{(20)}m_{031}^{(10)}+m_{011}^{(22)}m_{300}^{(21)}m_{220}^{(21)}-m_{011}^{(22)}m_{300}^{(21)}m_{211}^{(11)}\\
&-m_{011}^{(22)}m_{300}^{(21)}m_{130}^{(20)}+m_{011}^{(22)}m_{300}^{(21)}m_{121}^{(10)}-m_{011}^{(22)}m_{300}^{(22)}m_{220}^{(11)}+m_{011}^{(22)}m_{300}^{(22)}m_{130}^{(10)}\\
&+2m_{011}^{(22)}m_{210}^{(00)}m_{121}^{(21)}-2m_{011}^{(22)}m_{210}^{(00)}m_{031}^{(20)}+2m_{011}^{(22)}m_{210}^{(10)}m_{211}^{(21)}-2m_{011}^{(22)}m_{210}^{(10)}m_{121}^{(20)}\\
&-m_{011}^{(22)}m_{210}^{(11)}m_{301}^{(21)}+m_{011}^{(22)}m_{210}^{(11)}m_{211}^{(20)}-m_{011}^{(22)}m_{210}^{(20)}m_{220}^{(21)}-3m_{011}^{(22)}m_{210}^{(20)}m_{211}^{(11)}\\
&+m_{011}^{(22)}m_{210}^{(20)}m_{130}^{(20)}+m_{011}^{(22)}m_{210}^{(20)}m_{121}^{(10)}+2m_{011}^{(22)}m_{210}^{(20)}m_{031}^{(00)}-2m_{011}^{(22)}m_{210}^{(21)}m_{310}^{(20)}\\
&+m_{011}^{(22)}m_{210}^{(21)}m_{301}^{(11)}+2m_{011}^{(22)}m_{210}^{(21)}m_{220}^{(20)}-m_{011}^{(22)}m_{210}^{(21)}m_{121}^{(00)}+2m_{011}^{(22)}m_{210}^{(22)}m_{310}^{(11)}\\
&-m_{011}^{(22)}m_{210}^{(22)}m_{220}^{(10)}-m_{011}^{(22)}m_{210}^{(22)}m_{130}^{(00)}-2m_{011}^{(22)}m_{201}^{(00)}m_{121}^{(11)}+2m_{011}^{(22)}m_{201}^{(00)}m_{031}^{(10)}\\
&+m_{011}^{(22)}m_{201}^{(10)}m_{220}^{(21)}+m_{011}^{(22)}m_{201}^{(10)}m_{211}^{(11)}-m_{011}^{(22)}m_{201}^{(10)}m_{130}^{(20)}+m_{011}^{(22)}m_{201}^{(10)}m_{121}^{(10)}\\
&-2m_{011}^{(22)}m_{201}^{(10)}m_{031}^{(00)}-m_{011}^{(22)}m_{201}^{(11)}m_{310}^{(21)}+m_{011}^{(22)}m_{201}^{(11)}m_{220}^{(20)}-m_{011}^{(22)}m_{201}^{(11)}m_{211}^{(10)}\\
&+m_{011}^{(22)}m_{201}^{(11)}m_{121}^{(00)}+m_{011}^{(22)}m_{201}^{(21)}m_{310}^{(11)}-2m_{011}^{(22)}m_{201}^{(21)}m_{220}^{(10)}+m_{011}^{(22)}m_{201}^{(21)}m_{130}^{(00)}\\
&-3m_{011}^{(22)}m_{120}^{(00)}m_{211}^{(21)}+3m_{011}^{(22)}m_{120}^{(00)}m_{121}^{(20)}+2m_{011}^{(22)}m_{120}^{(20)}m_{310}^{(21)}+m_{011}^{(22)}m_{120}^{(20)}m_{301}^{(11)}\\
&-2m_{011}^{(22)}m_{120}^{(20)}m_{220}^{(20)}+2m_{011}^{(22)}m_{120}^{(20)}m_{211}^{(10)}-3m_{011}^{(22)}m_{120}^{(20)}m_{121}^{(00)}+m_{011}^{(22)}m_{120}^{(21)}m_{400}^{(21)}\\
&-m_{011}^{(22)}m_{120}^{(21)}m_{310}^{(20)}-m_{011}^{(22)}m_{120}^{(21)}m_{301}^{(10)}+m_{011}^{(22)}m_{120}^{(21)}m_{211}^{(00)}-m_{011}^{(22)}m_{120}^{(22)}m_{400}^{(11)}\\
&-m_{011}^{(22)}m_{120}^{(22)}m_{310}^{(10)}+2m_{011}^{(22)}m_{120}^{(22)}m_{220}^{(00)}-m_{011}^{(22)}m_{111}^{(00)}m_{220}^{(21)}+3m_{011}^{(22)}m_{111}^{(00)}m_{211}^{(11)}\\
&+m_{011}^{(22)}m_{111}^{(00)}m_{130}^{(20)}-3m_{011}^{(22)}m_{111}^{(00)}m_{121}^{(10)}-m_{011}^{(22)}m_{111}^{(10)}m_{301}^{(11)}-2m_{011}^{(22)}m_{111}^{(10)}m_{211}^{(10)}\\
&+3m_{011}^{(22)}m_{111}^{(10)}m_{121}^{(00)}+m_{011}^{(22)}m_{111}^{(11)}m_{400}^{(21)}-m_{011}^{(22)}m_{111}^{(11)}m_{310}^{(20)}+m_{011}^{(22)}m_{111}^{(11)}m_{301}^{(10)}\\
&-m_{011}^{(22)}m_{111}^{(11)}m_{211}^{(00)}-m_{011}^{(22)}m_{111}^{(20)}m_{310}^{(11)}+2m_{011}^{(22)}m_{111}^{(20)}m_{220}^{(10)}-m_{011}^{(22)}m_{111}^{(20)}m_{130}^{(00)}\\
&-m_{011}^{(22)}m_{111}^{(21)}m_{400}^{(11)}+2m_{011}^{(22)}m_{111}^{(21)}m_{310}^{(10)}-m_{011}^{(22)}m_{111}^{(21)}m_{220}^{(00)}+m_{011}^{(22)}m_{102}^{(00)}m_{220}^{(11)}\\
&-m_{011}^{(22)}m_{102}^{(00)}m_{130}^{(10)}-m_{011}^{(22)}m_{102}^{(10)}m_{310}^{(11)}+m_{011}^{(22)}m_{102}^{(10)}m_{130}^{(00)}+m_{011}^{(22)}m_{102}^{(11)}m_{310}^{(10)}\\
&-m_{011}^{(22)}m_{102}^{(11)}m_{220}^{(00)}+m_{011}^{(22)}m_{030}^{(00)}m_{301}^{(21)}-m_{011}^{(22)}m_{030}^{(00)}m_{211}^{(20)}-m_{011}^{(22)}m_{030}^{(20)}m_{400}^{(21)}\\
&+m_{011}^{(22)}m_{030}^{(20)}m_{310}^{(20)}-m_{011}^{(22)}m_{030}^{(20)}m_{301}^{(10)}+m_{011}^{(22)}m_{030}^{(20)}m_{211}^{(00)}+m_{011}^{(22)}m_{030}^{(22)}m_{400}^{(10)}\\
&-m_{011}^{(22)}m_{030}^{(22)}m_{310}^{(00)}+m_{011}^{(22)}m_{021}^{(00)}m_{310}^{(21)}-m_{011}^{(22)}m_{021}^{(00)}m_{301}^{(11)}-m_{011}^{(22)}m_{021}^{(00)}m_{220}^{(20)}\\
&+m_{011}^{(22)}m_{021}^{(00)}m_{211}^{(10)}-m_{011}^{(22)}m_{021}^{(10)}m_{400}^{(21)}+m_{011}^{(22)}m_{021}^{(10)}m_{310}^{(20)}+m_{011}^{(22)}m_{021}^{(10)}m_{301}^{(10)}\\
&-m_{011}^{(22)}m_{021}^{(10)}m_{211}^{(00)}+m_{011}^{(22)}m_{021}^{(20)}m_{400}^{(11)}-2m_{011}^{(22)}m_{021}^{(20)}m_{310}^{(10)}+m_{011}^{(22)}m_{021}^{(20)}m_{220}^{(00)}\\
&-m_{011}^{(22)}m_{012}^{(00)}m_{310}^{(11)}+m_{011}^{(22)}m_{012}^{(00)}m_{220}^{(10)}+m_{011}^{(22)}m_{012}^{(10)}m_{400}^{(11)}-m_{011}^{(22)}m_{012}^{(10)}m_{220}^{(00)}\\
&-m_{011}^{(22)}m_{012}^{(11)}m_{400}^{(10)}+m_{011}^{(22)}m_{012}^{(11)}m_{310}^{(00)}+m_{002}^{(00)}m_{210}^{(10)}m_{031}^{(22)}-m_{002}^{(00)}m_{210}^{(10)}m_{022}^{(21)}\\
&-m_{002}^{(00)}m_{210}^{(11)}m_{121}^{(22)}+m_{002}^{(00)}m_{210}^{(11)}m_{112}^{(21)}-m_{002}^{(00)}m_{210}^{(20)}m_{031}^{(21)}+m_{002}^{(00)}m_{210}^{(20)}m_{022}^{(11)}\\
&+m_{002}^{(00)}m_{210}^{(21)}m_{121}^{(21)}-m_{002}^{(00)}m_{210}^{(21)}m_{112}^{(11)}-m_{002}^{(00)}m_{201}^{(10)}m_{040}^{(22)}+m_{002}^{(00)}m_{201}^{(10)}m_{031}^{(21)}\\
&+m_{002}^{(00)}m_{201}^{(11)}m_{130}^{(22)}-m_{002}^{(00)}m_{201}^{(11)}m_{121}^{(21)}+m_{002}^{(00)}m_{201}^{(20)}m_{040}^{(21)}-m_{002}^{(00)}m_{201}^{(20)}m_{031}^{(11)}\\
&-m_{002}^{(00)}m_{201}^{(21)}m_{130}^{(21)}+m_{002}^{(00)}m_{201}^{(21)}m_{121}^{(11)}-m_{002}^{(00)}m_{120}^{(00)}m_{031}^{(22)}+m_{002}^{(00)}m_{120}^{(00)}m_{022}^{(21)}
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\begin{aligned}
&+m_{002}^{(00)}m_{120}^{(11)}m_{211}^{(22)} - m_{002}^{(00)}m_{120}^{(11)}m_{202}^{(21)} + m_{002}^{(00)}m_{120}^{(20)}m_{121}^{(21)} - m_{002}^{(00)}m_{120}^{(20)}m_{112}^{(11)}\\
&+m_{002}^{(00)}m_{120}^{(20)}m_{031}^{(20)} - m_{002}^{(00)}m_{120}^{(20)}m_{022}^{(10)} - m_{002}^{(00)}m_{120}^{(21)}m_{211}^{(21)} + m_{002}^{(00)}m_{120}^{(21)}m_{202}^{(11)}\\
&-m_{002}^{(00)}m_{120}^{(21)}m_{121}^{(20)} + m_{002}^{(00)}m_{120}^{(21)}m_{112}^{(10)} + m_{002}^{(00)}m_{111}^{(00)}m_{040}^{(22)} - m_{002}^{(00)}m_{111}^{(00)}m_{022}^{(11)}\\
&-m_{002}^{(00)}m_{111}^{(10)}m_{121}^{(21)} + m_{002}^{(00)}m_{111}^{(10)}m_{112}^{(11)} - m_{002}^{(00)}m_{111}^{(10)}m_{031}^{(20)} + m_{002}^{(00)}m_{111}^{(10)}m_{022}^{(10)}\\
&-m_{002}^{(00)}m_{111}^{(11)}m_{220}^{(22)} + m_{002}^{(00)}m_{111}^{(11)}m_{211}^{(21)} + m_{002}^{(00)}m_{111}^{(11)}m_{121}^{(20)} - m_{002}^{(00)}m_{111}^{(11)}m_{112}^{(10)}\\
&-m_{002}^{(00)}m_{111}^{(20)}m_{130}^{(21)} + m_{002}^{(00)}m_{111}^{(20)}m_{121}^{(11)} - m_{002}^{(00)}m_{111}^{(20)}m_{040}^{(20)} + m_{002}^{(00)}m_{111}^{(20)}m_{031}^{(10)}\\
&+m_{002}^{(00)}m_{111}^{(21)}m_{220}^{(21)} - m_{002}^{(00)}m_{111}^{(21)}m_{211}^{(11)} + m_{002}^{(00)}m_{111}^{(21)}m_{130}^{(20)} - m_{002}^{(00)}m_{111}^{(21)}m_{121}^{(10)}\\
&-m_{002}^{(00)}m_{102}^{(00)}m_{040}^{(21)} + m_{002}^{(00)}m_{102}^{(00)}m_{031}^{(11)} + m_{002}^{(00)}m_{102}^{(10)}m_{130}^{(21)} - m_{002}^{(00)}m_{102}^{(10)}m_{121}^{(11)}\\
&+m_{002}^{(00)}m_{102}^{(10)}m_{040}^{(20)} - m_{002}^{(00)}m_{102}^{(10)}m_{031}^{(10)} - m_{002}^{(00)}m_{102}^{(11)}m_{130}^{(20)} + m_{002}^{(00)}m_{102}^{(11)}m_{121}^{(10)}\\
&+m_{002}^{(00)}m_{030}^{(00)}m_{121}^{(22)} - m_{002}^{(00)}m_{030}^{(00)}m_{112}^{(21)} - m_{002}^{(00)}m_{030}^{(10)}m_{211}^{(22)} + m_{002}^{(00)}m_{030}^{(10)}m_{202}^{(21)}\\
&-m_{002}^{(00)}m_{030}^{(20)}m_{121}^{(20)} + m_{002}^{(00)}m_{030}^{(20)}m_{112}^{(10)} + m_{002}^{(00)}m_{030}^{(21)}m_{211}^{(20)} - m_{002}^{(00)}m_{030}^{(21)}m_{202}^{(10)}\\
&-m_{002}^{(00)}m_{021}^{(00)}m_{130}^{(22)} + m_{002}^{(00)}m_{021}^{(00)}m_{112}^{(11)} + m_{002}^{(00)}m_{021}^{(10)}m_{220}^{(22)} - m_{002}^{(00)}m_{021}^{(10)}m_{202}^{(11)}\\
&+m_{002}^{(00)}m_{021}^{(10)}m_{121}^{(20)} - m_{002}^{(00)}m_{021}^{(10)}m_{112}^{(10)} - m_{002}^{(00)}m_{021}^{(11)}m_{211}^{(20)} + m_{002}^{(00)}m_{021}^{(11)}m_{202}^{(10)}\\
&+m_{002}^{(00)}m_{021}^{(20)}m_{130}^{(20)} - m_{002}^{(00)}m_{021}^{(20)}m_{121}^{(10)} - m_{002}^{(00)}m_{021}^{(21)}m_{220}^{(20)} + m_{002}^{(00)}m_{021}^{(21)}m_{211}^{(10)}\\
&+m_{002}^{(00)}m_{012}^{(00)}m_{130}^{(21)} - m_{002}^{(00)}m_{012}^{(00)}m_{121}^{(11)} - m_{002}^{(00)}m_{012}^{(10)}m_{220}^{(21)} + m_{002}^{(00)}m_{012}^{(10)}m_{211}^{(11)}\\
&-m_{002}^{(00)}m_{012}^{(10)}m_{130}^{(20)} + m_{002}^{(00)}m_{012}^{(10)}m_{121}^{(10)} + m_{002}^{(00)}m_{012}^{(11)}m_{220}^{(20)} - m_{002}^{(00)}m_{012}^{(11)}m_{211}^{(10)}\\
&-m_{002}^{(10)}m_{300}^{(10)}m_{031}^{(22)} + m_{002}^{(10)}m_{300}^{(10)}m_{022}^{(21)} + m_{002}^{(10)}m_{300}^{(11)}m_{121}^{(22)} - m_{002}^{(10)}m_{300}^{(11)}m_{112}^{(21)}\\
&+m_{002}^{(10)}m_{300}^{(20)}m_{031}^{(21)} - m_{002}^{(10)}m_{300}^{(20)}m_{022}^{(11)} - m_{002}^{(10)}m_{300}^{(21)}m_{121}^{(21)} + m_{002}^{(10)}m_{300}^{(21)}m_{112}^{(11)}\\
&+m_{002}^{(10)}m_{210}^{(00)}m_{031}^{(22)} - m_{002}^{(10)}m_{210}^{(00)}m_{022}^{(21)} - m_{002}^{(10)}m_{210}^{(10)}m_{121}^{(22)} + m_{002}^{(10)}m_{210}^{(10)}m_{022}^{(20)}\\
&+m_{002}^{(10)}m_{210}^{(11)}m_{202}^{(21)} - m_{002}^{(10)}m_{210}^{(11)}m_{112}^{(20)} + m_{002}^{(10)}m_{210}^{(20)}m_{112}^{(11)} - m_{002}^{(10)}m_{210}^{(20)}m_{031}^{(20)}\\
&-m_{002}^{(10)}m_{210}^{(21)}m_{202}^{(11)} + m_{002}^{(10)}m_{210}^{(21)}m_{121}^{(20)} - m_{002}^{(10)}m_{201}^{(00)}m_{031}^{(21)} + m_{002}^{(10)}m_{201}^{(00)}m_{022}^{(11)}\\
&+2m_{002}^{(10)}m_{201}^{(10)}m_{130}^{(22)} - m_{002}^{(10)}m_{201}^{(10)}m_{112}^{(11)} - m_{002}^{(10)}m_{201}^{(10)}m_{022}^{(10)} - 2m_{002}^{(10)}m_{201}^{(11)}m_{220}^{(22)}\\
&+m_{002}^{(10)}m_{201}^{(11)}m_{211}^{(21)} + m_{002}^{(10)}m_{201}^{(11)}m_{112}^{(10)} - 2m_{002}^{(10)}m_{201}^{(20)}m_{130}^{(21)} + m_{002}^{(10)}m_{201}^{(20)}m_{121}^{(11)}\\
&+m_{002}^{(10)}m_{201}^{(20)}m_{031}^{(10)} + 2m_{002}^{(10)}m_{201}^{(21)}m_{220}^{(21)} - m_{002}^{(10)}m_{201}^{(21)}m_{211}^{(11)} - m_{002}^{(10)}m_{201}^{(21)}m_{121}^{(10)}\\
&+m_{002}^{(10)}m_{120}^{(00)}m_{112}^{(21)} - m_{002}^{(10)}m_{120}^{(00)}m_{022}^{(20)} + m_{002}^{(10)}m_{120}^{(10)}m_{211}^{(22)} - m_{002}^{(10)}m_{120}^{(10)}m_{202}^{(21)}\\
&-m_{002}^{(10)}m_{120}^{(11)}m_{301}^{(22)} + m_{002}^{(10)}m_{120}^{(11)}m_{202}^{(20)} - m_{002}^{(10)}m_{120}^{(20)}m_{211}^{(21)} + m_{002}^{(10)}m_{120}^{(20)}m_{202}^{(00)}\\
&+m_{002}^{(10)}m_{120}^{(21)}m_{301}^{(21)} - m_{002}^{(10)}m_{120}^{(21)}m_{112}^{(00)} - 2m_{002}^{(10)}m_{111}^{(00)}m_{130}^{(22)} + m_{002}^{(10)}m_{111}^{(00)}m_{121}^{(21)}\\
&-m_{002}^{(10)}m_{111}^{(00)}m_{112}^{(11)} + m_{002}^{(10)}m_{111}^{(00)}m_{031}^{(20)} + m_{002}^{(10)}m_{111}^{(00)}m_{022}^{(10)} + m_{002}^{(10)}m_{111}^{(10)}m_{202}^{(11)}\\
&-m_{002}^{(10)}m_{111}^{(10)}m_{022}^{(00)} + 2m_{002}^{(10)}m_{111}^{(11)}m_{310}^{(22)} - m_{002}^{(10)}m_{111}^{(11)}m_{301}^{(21)} - m_{002}^{(10)}m_{111}^{(11)}m_{211}^{(20)}\\
&-m_{002}^{(10)}m_{111}^{(11)}m_{202}^{(10)} + m_{002}^{(10)}m_{111}^{(11)}m_{112}^{(00)} + 2m_{002}^{(10)}m_{111}^{(20)}m_{220}^{(21)} - m_{002}^{(10)}m_{111}^{(20)}m_{211}^{(11)}\\
&+2m_{002}^{(10)}m_{111}^{(20)}m_{130}^{(20)} - 2m_{002}^{(10)}m_{111}^{(20)}m_{121}^{(10)} - m_{002}^{(10)}m_{111}^{(20)}m_{031}^{(00)} - 2m_{002}^{(10)}m_{111}^{(21)}m_{310}^{(21)}\\
&+m_{002}^{(10)}m_{111}^{(21)}m_{301}^{(11)} - 2m_{002}^{(10)}m_{111}^{(21)}m_{220}^{(20)} + 2m_{002}^{(10)}m_{111}^{(21)}m_{211}^{(10)} + m_{002}^{(10)}m_{111}^{(21)}m_{121}^{(00)}\\
&+2m_{002}^{(10)}m_{102}^{(00)}m_{130}^{(21)} - m_{002}^{(10)}m_{102}^{(00)}m_{121}^{(11)} - m_{002}^{(10)}m_{102}^{(00)}m_{031}^{(10)} - 2m_{002}^{(10)}m_{102}^{(10)}m_{220}^{(21)}\\
&+m_{002}^{(10)}m_{102}^{(10)}m_{211}^{(11)} - 2m_{002}^{(10)}m_{102}^{(10)}m_{130}^{(20)} + 2m_{002}^{(10)}m_{102}^{(10)}m_{121}^{(10)} + m_{002}^{(10)}m_{102}^{(10)}m_{031}^{(00)}\\
&+2m_{002}^{(10)}m_{102}^{(11)}m_{220}^{(20)} - m_{002}^{(10)}m_{102}^{(11)}m_{211}^{(10)} - m_{002}^{(10)}m_{102}^{(11)}m_{121}^{(00)} - m_{002}^{(10)}m_{030}^{(00)}m_{211}^{(22)}\\
&+m_{002}^{(10)}m_{030}^{(00)}m_{112}^{(20)} + m_{002}^{(10)}m_{030}^{(10)}m_{301}^{(22)} - m_{002}^{(10)}m_{030}^{(10)}m_{202}^{(20)} + m_{002}^{(10)}m_{030}^{(20)}m_{211}^{(20)}\\
&-m_{002}^{(10)}m_{030}^{(20)}m_{112}^{(00)} - m_{002}^{(10)}m_{030}^{(21)}m_{301}^{(20)} + m_{002}^{(10)}m_{030}^{(21)}m_{202}^{(00)} + 2m_{002}^{(10)}m_{021}^{(00)}m_{220}^{(22)}\\
&-m_{002}^{(10)}m_{021}^{(00)}m_{121}^{(20)} - m_{002}^{(10)}m_{021}^{(00)}m_{112}^{(10)} - 2m_{002}^{(10)}m_{021}^{(10)}m_{310}^{(22)} + m_{002}^{(10)}m_{021}^{(10)}m_{202}^{(10)}
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\begin{aligned}
&+m_{002}^{(10)}m_{021}^{(10)}m_{112}^{(00)}+m_{002}^{(10)}m_{021}^{(11)}m_{301}^{(20)}-m_{002}^{(10)}m_{021}^{(11)}m_{202}^{(00)}-2m_{002}^{(10)}m_{021}^{(20)}m_{220}^{(20)}\\
&+m_{002}^{(10)}m_{021}^{(20)}m_{211}^{(10)}+m_{002}^{(10)}m_{021}^{(20)}m_{121}^{(00)}+2m_{002}^{(10)}m_{021}^{(21)}m_{310}^{(20)}-m_{002}^{(10)}m_{021}^{(21)}m_{301}^{(10)}\\
&-m_{002}^{(10)}m_{021}^{(21)}m_{211}^{(00)}-2m_{002}^{(10)}m_{012}^{(00)}m_{220}^{(21)}+m_{002}^{(10)}m_{012}^{(00)}m_{211}^{(11)}+m_{002}^{(10)}m_{012}^{(00)}m_{121}^{(10)}\\
&+2m_{002}^{(10)}m_{012}^{(10)}m_{310}^{(21)}-m_{002}^{(10)}m_{012}^{(10)}m_{301}^{(11)}+2m_{002}^{(10)}m_{012}^{(10)}m_{220}^{(20)}-2m_{002}^{(10)}m_{012}^{(10)}m_{211}^{(10)}\\
&-m_{002}^{(10)}m_{012}^{(10)}m_{121}^{(00)}-2m_{002}^{(10)}m_{012}^{(11)}m_{310}^{(20)}+m_{002}^{(10)}m_{012}^{(11)}m_{301}^{(10)}+m_{002}^{(10)}m_{012}^{(11)}m_{211}^{(00)}\\
&+m_{002}^{(11)}m_{300}^{(10)}m_{121}^{(22)}-m_{002}^{(11)}m_{300}^{(10)}m_{022}^{(20)}-m_{002}^{(11)}m_{300}^{(11)}m_{211}^{(22)}+m_{002}^{(11)}m_{300}^{(11)}m_{112}^{(20)}\\
&-m_{002}^{(11)}m_{300}^{(20)}m_{121}^{(21)}+m_{002}^{(11)}m_{300}^{(20)}m_{022}^{(10)}+m_{002}^{(11)}m_{300}^{(21)}m_{211}^{(21)}-m_{002}^{(11)}m_{300}^{(21)}m_{112}^{(10)}\\
&-m_{002}^{(11)}m_{210}^{(00)}m_{121}^{(22)}+m_{002}^{(11)}m_{210}^{(00)}m_{022}^{(20)}+m_{002}^{(11)}m_{210}^{(11)}m_{301}^{(22)}-m_{002}^{(11)}m_{210}^{(11)}m_{202}^{(20)}\\
&+m_{002}^{(11)}m_{210}^{(20)}m_{211}^{(21)}+m_{002}^{(11)}m_{210}^{(20)}m_{121}^{(20)}-m_{002}^{(11)}m_{210}^{(20)}m_{112}^{(10)}-m_{002}^{(11)}m_{210}^{(20)}m_{022}^{(00)}\\
&-m_{002}^{(11)}m_{210}^{(21)}m_{301}^{(21)}-m_{002}^{(11)}m_{210}^{(21)}m_{211}^{(20)}+m_{002}^{(11)}m_{210}^{(21)}m_{202}^{(10)}+m_{002}^{(11)}m_{210}^{(21)}m_{112}^{(00)}\\
&+m_{002}^{(11)}m_{201}^{(00)}m_{121}^{(21)}-m_{002}^{(11)}m_{201}^{(00)}m_{022}^{(10)}-m_{002}^{(11)}m_{201}^{(10)}m_{220}^{(22)}-m_{002}^{(11)}m_{201}^{(10)}m_{211}^{(21)}\\
&+m_{002}^{(11)}m_{201}^{(10)}m_{112}^{(10)}+m_{002}^{(11)}m_{201}^{(10)}m_{022}^{(00)}+m_{002}^{(11)}m_{201}^{(11)}m_{310}^{(22)}-m_{002}^{(11)}m_{201}^{(11)}m_{112}^{(00)}\\
&+m_{002}^{(11)}m_{201}^{(20)}m_{220}^{(21)}-m_{002}^{(11)}m_{201}^{(20)}m_{121}^{(10)}-m_{002}^{(11)}m_{201}^{(21)}m_{310}^{(21)}+m_{002}^{(11)}m_{201}^{(21)}m_{211}^{(10)}\\
&+m_{002}^{(11)}m_{120}^{(00)}m_{211}^{(22)}-m_{002}^{(11)}m_{120}^{(00)}m_{112}^{(20)}-m_{002}^{(11)}m_{120}^{(10)}m_{301}^{(22)}+m_{002}^{(11)}m_{120}^{(10)}m_{202}^{(20)}\\
&-m_{002}^{(11)}m_{120}^{(20)}m_{211}^{(20)}+m_{002}^{(11)}m_{120}^{(20)}m_{112}^{(00)}+m_{002}^{(11)}m_{120}^{(21)}m_{301}^{(20)}-m_{002}^{(11)}m_{120}^{(21)}m_{202}^{(00)}\\
&+m_{002}^{(11)}m_{111}^{(00)}m_{220}^{(22)}-m_{002}^{(11)}m_{111}^{(00)}m_{211}^{(21)}-m_{002}^{(11)}m_{111}^{(00)}m_{121}^{(20)}+m_{002}^{(11)}m_{111}^{(00)}m_{112}^{(10)}\\
&+m_{002}^{(11)}m_{111}^{(10)}m_{301}^{(21)}+m_{002}^{(11)}m_{111}^{(10)}m_{211}^{(20)}-m_{002}^{(11)}m_{111}^{(10)}m_{202}^{(10)}-m_{002}^{(11)}m_{111}^{(10)}m_{112}^{(00)}\\
&-m_{002}^{(11)}m_{111}^{(11)}m_{400}^{(22)}+m_{002}^{(11)}m_{111}^{(11)}m_{202}^{(00)}-m_{002}^{(11)}m_{111}^{(20)}m_{310}^{(21)}-m_{002}^{(11)}m_{111}^{(20)}m_{220}^{(20)}\\
&+m_{002}^{(11)}m_{111}^{(20)}m_{211}^{(10)}+m_{002}^{(11)}m_{111}^{(20)}m_{121}^{(00)}+m_{002}^{(11)}m_{111}^{(21)}m_{400}^{(21)}+m_{002}^{(11)}m_{111}^{(21)}m_{310}^{(20)}\\
&-m_{002}^{(11)}m_{111}^{(21)}m_{301}^{(10)}-m_{002}^{(11)}m_{111}^{(21)}m_{211}^{(00)}-m_{002}^{(11)}m_{102}^{(00)}m_{220}^{(21)}+m_{002}^{(11)}m_{102}^{(00)}m_{121}^{(10)}\\
&+m_{002}^{(11)}m_{102}^{(10)}m_{310}^{(21)}+m_{002}^{(11)}m_{102}^{(10)}m_{220}^{(20)}-m_{002}^{(11)}m_{102}^{(10)}m_{211}^{(10)}-m_{002}^{(11)}m_{102}^{(10)}m_{121}^{(00)}\\
&-m_{002}^{(11)}m_{102}^{(11)}m_{310}^{(20)}+m_{002}^{(11)}m_{102}^{(11)}m_{211}^{(00)}-m_{002}^{(11)}m_{021}^{(00)}m_{310}^{(22)}+m_{002}^{(11)}m_{021}^{(00)}m_{211}^{(20)}\\
&+m_{002}^{(11)}m_{021}^{(10)}m_{400}^{(22)}-m_{002}^{(11)}m_{021}^{(10)}m_{301}^{(20)}+m_{002}^{(11)}m_{021}^{(20)}m_{310}^{(20)}-m_{002}^{(11)}m_{021}^{(20)}m_{211}^{(00)}\\
&-m_{002}^{(11)}m_{021}^{(21)}m_{400}^{(20)}+m_{002}^{(11)}m_{021}^{(21)}m_{301}^{(00)}+m_{002}^{(11)}m_{012}^{(00)}m_{310}^{(21)}-m_{002}^{(11)}m_{012}^{(00)}m_{211}^{(10)}\\
&-m_{002}^{(11)}m_{012}^{(10)}m_{400}^{(21)}-m_{002}^{(11)}m_{012}^{(10)}m_{310}^{(20)}+m_{002}^{(11)}m_{012}^{(10)}m_{301}^{(10)}+m_{002}^{(11)}m_{012}^{(10)}m_{211}^{(00)}\\
&+m_{002}^{(11)}m_{012}^{(11)}m_{400}^{(20)}-m_{002}^{(11)}m_{012}^{(11)}m_{301}^{(00)}+m_{002}^{(20)}m_{300}^{(10)}m_{040}^{(22)}-m_{002}^{(20)}m_{300}^{(10)}m_{031}^{(21)}\\
&-m_{002}^{(20)}m_{300}^{(11)}m_{130}^{(22)}+m_{002}^{(20)}m_{300}^{(11)}m_{121}^{(21)}-m_{002}^{(20)}m_{300}^{(20)}m_{040}^{(21)}+m_{002}^{(20)}m_{300}^{(20)}m_{031}^{(11)}\\
&+m_{002}^{(20)}m_{300}^{(21)}m_{130}^{(21)}-m_{002}^{(20)}m_{300}^{(21)}m_{121}^{(11)}-m_{002}^{(20)}m_{210}^{(00)}m_{040}^{(22)}+m_{002}^{(20)}m_{210}^{(00)}m_{031}^{(21)}\\
&-m_{002}^{(20)}m_{210}^{(10)}m_{130}^{(22)}+2m_{002}^{(20)}m_{210}^{(10)}m_{121}^{(21)}-m_{002}^{(20)}m_{210}^{(10)}m_{031}^{(20)}+2m_{002}^{(20)}m_{210}^{(11)}m_{220}^{(22)}\\
&-3m_{002}^{(20)}m_{210}^{(11)}m_{211}^{(21)}+m_{002}^{(20)}m_{210}^{(11)}m_{121}^{(20)}+2m_{002}^{(20)}m_{210}^{(20)}m_{130}^{(21)}-3m_{002}^{(20)}m_{210}^{(20)}m_{121}^{(11)}\\
&+m_{002}^{(20)}m_{210}^{(20)}m_{040}^{(20)}-2m_{002}^{(20)}m_{210}^{(21)}m_{220}^{(21)}+3m_{002}^{(20)}m_{210}^{(21)}m_{211}^{(11)}-m_{002}^{(20)}m_{210}^{(21)}m_{130}^{(20)}\\
&+m_{002}^{(20)}m_{201}^{(00)}m_{040}^{(21)}-m_{002}^{(20)}m_{201}^{(00)}m_{031}^{(11)}-2m_{002}^{(20)}m_{201}^{(10)}m_{130}^{(21)}+m_{002}^{(20)}m_{201}^{(10)}m_{121}^{(11)}\\
&+m_{002}^{(20)}m_{201}^{(10)}m_{031}^{(10)}+m_{002}^{(20)}m_{201}^{(11)}m_{220}^{(21)}-m_{002}^{(20)}m_{201}^{(11)}m_{121}^{(10)}+m_{002}^{(20)}m_{201}^{(20)}m_{130}^{(11)}\\
&-m_{002}^{(20)}m_{201}^{(20)}m_{040}^{(10)}-m_{002}^{(20)}m_{201}^{(21)}m_{220}^{(11)}+m_{002}^{(20)}m_{201}^{(21)}m_{130}^{(10)}+2m_{002}^{(20)}m_{120}^{(00)}m_{130}^{(22)}\\
&-3m_{002}^{(20)}m_{120}^{(00)}m_{121}^{(21)}+m_{002}^{(20)}m_{120}^{(00)}m_{031}^{(20)}-m_{002}^{(20)}m_{120}^{(10)}m_{220}^{(22)}+m_{002}^{(20)}m_{120}^{(10)}m_{211}^{(21)}\\
&-m_{002}^{(20)}m_{120}^{(11)}m_{310}^{(22)}+2m_{002}^{(20)}m_{120}^{(11)}m_{301}^{(21)}-m_{002}^{(20)}m_{120}^{(11)}m_{211}^{(20)}-m_{002}^{(20)}m_{120}^{(20)}m_{220}^{(21)}\\
&+2m_{002}^{(20)}m_{120}^{(20)}m_{211}^{(11)}-2m_{002}^{(20)}m_{120}^{(20)}m_{130}^{(20)}+2m_{002}^{(20)}m_{120}^{(20)}m_{121}^{(10)}-m_{002}^{(20)}m_{120}^{(20)}m_{031}^{(00)}\\
&+m_{002}^{(20)}m_{120}^{(21)}m_{310}^{(21)}-2m_{002}^{(20)}m_{120}^{(21)}m_{301}^{(11)}+2m_{002}^{(20)}m_{120}^{(21)}m_{220}^{(20)}-2m_{002}^{(20)}m_{120}^{(21)}m_{211}^{(10)}
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\begin{aligned}
&+m_{002}^{(20)}m_{120}^{(21)}m_{121}^{(00)} - m_{002}^{(20)}m_{111}^{(00)}m_{130}^{(21)} + 3m_{002}^{(20)}m_{111}^{(00)}m_{121}^{(11)} - m_{002}^{(20)}m_{111}^{(00)}m_{040}^{(20)}\\
&-m_{002}^{(20)}m_{111}^{(00)}m_{031}^{(10)} + 2m_{002}^{(20)}m_{111}^{(10)}m_{220}^{(21)} - 3m_{002}^{(20)}m_{111}^{(10)}m_{211}^{(11)} + 2m_{002}^{(20)}m_{111}^{(10)}m_{130}^{(20)}\\
&-2m_{002}^{(20)}m_{111}^{(10)}m_{121}^{(10)} + m_{002}^{(20)}m_{111}^{(10)}m_{031}^{(00)} - m_{002}^{(20)}m_{111}^{(11)}m_{310}^{(21)} - m_{002}^{(20)}m_{111}^{(11)}m_{220}^{(20)}\\
&+3m_{002}^{(20)}m_{111}^{(11)}m_{211}^{(10)} - m_{002}^{(20)}m_{111}^{(11)}m_{121}^{(00)} - m_{002}^{(20)}m_{111}^{(20)}m_{220}^{(11)} + m_{002}^{(20)}m_{111}^{(20)}m_{040}^{(00)}\\
&+m_{002}^{(20)}m_{111}^{(21)}m_{310}^{(11)} - m_{002}^{(20)}m_{111}^{(21)}m_{130}^{(00)} - m_{002}^{(20)}m_{102}^{(00)}m_{130}^{(11)} + m_{002}^{(20)}m_{102}^{(00)}m_{040}^{(10)}\\
&+m_{002}^{(20)}m_{102}^{(10)}m_{220}^{(11)} - m_{002}^{(20)}m_{102}^{(10)}m_{040}^{(00)} - m_{002}^{(20)}m_{102}^{(11)}m_{220}^{(10)} + m_{002}^{(20)}m_{102}^{(11)}m_{130}^{(00)}\\
&-m_{002}^{(20)}m_{030}^{(00)}m_{220}^{(22)} + 2m_{002}^{(20)}m_{030}^{(00)}m_{211}^{(21)} - m_{002}^{(20)}m_{030}^{(00)}m_{121}^{(20)} + m_{002}^{(20)}m_{030}^{(10)}m_{310}^{(22)}\\
&-2m_{002}^{(20)}m_{030}^{(10)}m_{301}^{(21)} + m_{002}^{(20)}m_{030}^{(10)}m_{211}^{(20)} + m_{002}^{(20)}m_{030}^{(20)}m_{220}^{(20)} - 2m_{002}^{(20)}m_{030}^{(20)}m_{211}^{(10)}\\
&+m_{002}^{(20)}m_{030}^{(20)}m_{121}^{(00)} - m_{002}^{(20)}m_{030}^{(21)}m_{310}^{(20)} + 2m_{002}^{(20)}m_{030}^{(21)}m_{301}^{(10)} - m_{002}^{(20)}m_{030}^{(21)}m_{211}^{(00)}\\
&-2m_{002}^{(20)}m_{021}^{(00)}m_{211}^{(11)} + m_{002}^{(20)}m_{021}^{(00)}m_{130}^{(20)} + m_{002}^{(20)}m_{021}^{(00)}m_{121}^{(10)} + 2m_{002}^{(20)}m_{021}^{(10)}m_{301}^{(11)}\\
&-2m_{002}^{(20)}m_{021}^{(10)}m_{220}^{(20)} + m_{002}^{(20)}m_{021}^{(10)}m_{211}^{(10)} - m_{002}^{(20)}m_{021}^{(10)}m_{121}^{(00)} + m_{002}^{(20)}m_{021}^{(11)}m_{310}^{(20)}\\
&-2m_{002}^{(20)}m_{021}^{(11)}m_{301}^{(10)} + m_{002}^{(20)}m_{021}^{(11)}m_{211}^{(00)} + m_{002}^{(20)}m_{021}^{(20)}m_{220}^{(10)} - m_{002}^{(20)}m_{021}^{(20)}m_{130}^{(00)}\\
&-m_{002}^{(20)}m_{021}^{(21)}m_{310}^{(10)} + m_{002}^{(20)}m_{021}^{(21)}m_{220}^{(00)} + m_{002}^{(20)}m_{012}^{(00)}m_{220}^{(11)} - m_{002}^{(20)}m_{012}^{(00)}m_{130}^{(10)}\\
&-m_{002}^{(20)}m_{012}^{(10)}m_{310}^{(11)} + m_{002}^{(20)}m_{012}^{(10)}m_{130}^{(00)} + m_{002}^{(20)}m_{012}^{(11)}m_{310}^{(10)} - m_{002}^{(20)}m_{012}^{(11)}m_{220}^{(00)}\\
&-m_{002}^{(21)}m_{300}^{(10)}m_{130}^{(22)} - m_{002}^{(21)}m_{300}^{(10)}m_{121}^{(21)} + 2m_{002}^{(21)}m_{300}^{(10)}m_{031}^{(20)} + m_{002}^{(21)}m_{300}^{(11)}m_{220}^{(22)}\\
&+m_{002}^{(21)}m_{300}^{(11)}m_{211}^{(21)} - 2m_{002}^{(21)}m_{300}^{(11)}m_{121}^{(20)} + m_{002}^{(21)}m_{300}^{(20)}m_{130}^{(21)} + m_{002}^{(21)}m_{300}^{(20)}m_{121}^{(11)}\\
&-2m_{002}^{(21)}m_{300}^{(20)}m_{031}^{(10)} - m_{002}^{(21)}m_{300}^{(21)}m_{220}^{(21)} - m_{002}^{(21)}m_{300}^{(21)}m_{211}^{(11)} + 2m_{002}^{(21)}m_{300}^{(21)}m_{121}^{(10)}\\
&+m_{002}^{(21)}m_{210}^{(00)}m_{130}^{(22)} + m_{002}^{(21)}m_{210}^{(00)}m_{121}^{(21)} - 2m_{002}^{(21)}m_{210}^{(00)}m_{031}^{(20)} + m_{002}^{(21)}m_{210}^{(10)}m_{220}^{(22)}\\
&-m_{002}^{(21)}m_{210}^{(10)}m_{121}^{(20)} - 2m_{002}^{(21)}m_{210}^{(11)}m_{310}^{(22)} - m_{002}^{(21)}m_{210}^{(11)}m_{301}^{(21)} + 3m_{002}^{(21)}m_{210}^{(11)}m_{211}^{(20)}\\
&-2m_{002}^{(21)}m_{210}^{(20)}m_{220}^{(21)} - m_{002}^{(21)}m_{210}^{(20)}m_{211}^{(11)} - m_{002}^{(21)}m_{210}^{(20)}m_{130}^{(20)} + 2m_{002}^{(21)}m_{210}^{(20)}m_{121}^{(10)}\\
&+2m_{002}^{(21)}m_{210}^{(20)}m_{031}^{(00)} + 2m_{002}^{(21)}m_{210}^{(21)}m_{310}^{(21)} + m_{002}^{(21)}m_{210}^{(21)}m_{301}^{(11)} + m_{002}^{(21)}m_{210}^{(21)}m_{220}^{(20)}\\
&-2m_{002}^{(21)}m_{210}^{(21)}m_{211}^{(10)} - 2m_{002}^{(21)}m_{210}^{(21)}m_{121}^{(00)} - m_{002}^{(21)}m_{201}^{(00)}m_{130}^{(21)} - m_{002}^{(21)}m_{201}^{(00)}m_{121}^{(11)}\\
&+2m_{002}^{(21)}m_{201}^{(00)}m_{031}^{(10)} + 2m_{002}^{(21)}m_{201}^{(10)}m_{220}^{(21)} + m_{002}^{(21)}m_{201}^{(10)}m_{211}^{(11)} - m_{002}^{(21)}m_{201}^{(10)}m_{121}^{(10)}\\
&-2m_{002}^{(21)}m_{201}^{(10)}m_{031}^{(00)} - m_{002}^{(21)}m_{201}^{(11)}m_{310}^{(21)} - m_{002}^{(21)}m_{201}^{(11)}m_{211}^{(10)} + 2m_{002}^{(21)}m_{201}^{(11)}m_{121}^{(00)}\\
&-m_{002}^{(21)}m_{201}^{(20)}m_{220}^{(11)} + m_{002}^{(21)}m_{201}^{(20)}m_{130}^{(10)} + m_{002}^{(21)}m_{201}^{(21)}m_{310}^{(11)} - m_{002}^{(21)}m_{201}^{(21)}m_{220}^{(10)}\\
&-2m_{002}^{(21)}m_{120}^{(00)}m_{220}^{(22)} - m_{002}^{(21)}m_{120}^{(00)}m_{211}^{(21)} + 3m_{002}^{(21)}m_{120}^{(00)}m_{121}^{(20)} + m_{002}^{(21)}m_{120}^{(10)}m_{310}^{(22)}\\
&+m_{002}^{(21)}m_{120}^{(10)}m_{301}^{(21)} - 2m_{002}^{(21)}m_{120}^{(10)}m_{211}^{(20)} + m_{002}^{(21)}m_{120}^{(11)}m_{400}^{(22)} - m_{002}^{(21)}m_{120}^{(11)}m_{301}^{(20)}\\
&+m_{002}^{(21)}m_{120}^{(20)}m_{310}^{(21)} + 2m_{002}^{(21)}m_{120}^{(20)}m_{220}^{(20)} - 3m_{002}^{(21)}m_{120}^{(20)}m_{121}^{(00)} - m_{002}^{(21)}m_{120}^{(21)}m_{400}^{(21)}\\
&-2m_{002}^{(21)}m_{120}^{(21)}m_{310}^{(20)} + 3m_{002}^{(21)}m_{120}^{(21)}m_{211}^{(00)} + m_{002}^{(21)}m_{111}^{(00)}m_{220}^{(21)} + m_{002}^{(21)}m_{111}^{(00)}m_{211}^{(11)}\\
&+m_{002}^{(21)}m_{111}^{(00)}m_{130}^{(20)} - 3m_{002}^{(21)}m_{111}^{(00)}m_{121}^{(10)} - 2m_{002}^{(21)}m_{111}^{(10)}m_{310}^{(21)} - m_{002}^{(21)}m_{111}^{(10)}m_{301}^{(11)}\\
&-2m_{002}^{(21)}m_{111}^{(10)}m_{220}^{(20)} + 2m_{002}^{(21)}m_{111}^{(10)}m_{211}^{(10)} + 3m_{002}^{(21)}m_{111}^{(10)}m_{121}^{(00)} + m_{002}^{(21)}m_{111}^{(11)}m_{400}^{(21)}\\
&+m_{002}^{(21)}m_{111}^{(11)}m_{310}^{(20)} + m_{002}^{(21)}m_{111}^{(11)}m_{301}^{(10)} - 3m_{002}^{(21)}m_{111}^{(11)}m_{211}^{(00)} + m_{002}^{(21)}m_{111}^{(20)}m_{310}^{(11)}\\
&-m_{002}^{(21)}m_{111}^{(20)}m_{130}^{(00)} - m_{002}^{(21)}m_{111}^{(21)}m_{400}^{(11)} + m_{002}^{(21)}m_{111}^{(21)}m_{220}^{(00)} + m_{002}^{(21)}m_{102}^{(00)}m_{220}^{(11)}\\
&-m_{002}^{(21)}m_{102}^{(00)}m_{130}^{(10)} - m_{002}^{(21)}m_{102}^{(10)}m_{310}^{(11)} + m_{002}^{(21)}m_{102}^{(10)}m_{130}^{(00)} + m_{002}^{(21)}m_{102}^{(11)}m_{310}^{(10)}\\
&-m_{002}^{(21)}m_{102}^{(11)}m_{220}^{(00)} + m_{002}^{(21)}m_{030}^{(00)}m_{310}^{(22)} - m_{002}^{(21)}m_{030}^{(00)}m_{211}^{(20)} - m_{002}^{(21)}m_{030}^{(10)}m_{400}^{(22)}\\
&+m_{002}^{(21)}m_{030}^{(10)}m_{301}^{(20)} - m_{002}^{(21)}m_{030}^{(20)}m_{310}^{(20)} + m_{002}^{(21)}m_{030}^{(20)}m_{211}^{(00)} + m_{002}^{(21)}m_{030}^{(21)}m_{400}^{(20)}\\
&-m_{002}^{(21)}m_{030}^{(21)}m_{301}^{(00)} - m_{002}^{(21)}m_{021}^{(00)}m_{220}^{(20)} + m_{002}^{(21)}m_{021}^{(00)}m_{211}^{(10)} + 2m_{002}^{(21)}m_{021}^{(10)}m_{310}^{(20)}\\
&-m_{002}^{(21)}m_{021}^{(10)}m_{301}^{(10)} - m_{002}^{(21)}m_{021}^{(10)}m_{211}^{(00)} - m_{002}^{(21)}m_{021}^{(11)}m_{400}^{(20)} + m_{002}^{(21)}m_{021}^{(11)}m_{301}^{(00)}
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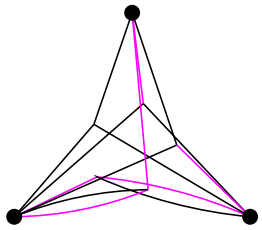
&-m_{002}^{(21)}m_{021}^{(20)}m_{310}^{(10)} + m_{002}^{(21)}m_{021}^{(20)}m_{220}^{(00)} + m_{002}^{(21)}m_{021}^{(21)}m_{400}^{(10)} - m_{002}^{(21)}m_{021}^{(21)}m_{310}^{(00)}\\
&-m_{002}^{(21)}m_{012}^{(00)}m_{310}^{(11)} + m_{002}^{(21)}m_{012}^{(00)}m_{220}^{(10)} + m_{002}^{(21)}m_{012}^{(10)}m_{400}^{(11)} - m_{002}^{(21)}m_{012}^{(10)}m_{220}^{(00)}\\
&-m_{002}^{(21)}m_{012}^{(11)}m_{400}^{(10)} + m_{002}^{(21)}m_{012}^{(11)}m_{310}^{(00)} + m_{002}^{(22)}m_{300}^{(10)}m_{130}^{(21)} - m_{002}^{(22)}m_{300}^{(10)}m_{040}^{(20)}\\
&-m_{002}^{(22)}m_{300}^{(11)}m_{220}^{(21)} + m_{002}^{(22)}m_{300}^{(11)}m_{130}^{(20)} - m_{002}^{(22)}m_{300}^{(20)}m_{130}^{(11)} + m_{002}^{(22)}m_{300}^{(20)}m_{040}^{(10)}\\
&+m_{002}^{(22)}m_{300}^{(21)}m_{220}^{(11)} - m_{002}^{(22)}m_{300}^{(21)}m_{130}^{(10)} - m_{002}^{(22)}m_{210}^{(00)}m_{130}^{(21)} + m_{002}^{(22)}m_{210}^{(00)}m_{040}^{(20)}\\
&-m_{002}^{(22)}m_{210}^{(10)}m_{220}^{(21)} + m_{002}^{(22)}m_{210}^{(10)}m_{130}^{(20)} + 2m_{002}^{(22)}m_{210}^{(11)}m_{310}^{(21)} - 2m_{002}^{(22)}m_{210}^{(11)}m_{220}^{(20)}\\
&+2m_{002}^{(22)}m_{210}^{(20)}m_{220}^{(11)} - m_{002}^{(22)}m_{210}^{(20)}m_{130}^{(10)} - m_{002}^{(22)}m_{210}^{(20)}m_{040}^{(00)} - 2m_{002}^{(22)}m_{210}^{(21)}m_{310}^{(11)}\\
&+m_{002}^{(22)}m_{210}^{(21)}m_{220}^{(10)} + m_{002}^{(22)}m_{210}^{(21)}m_{130}^{(00)} + m_{002}^{(22)}m_{201}^{(00)}m_{130}^{(11)} - m_{002}^{(22)}m_{201}^{(00)}m_{040}^{(10)}\\
&-m_{002}^{(22)}m_{201}^{(10)}m_{220}^{(11)} + m_{002}^{(22)}m_{201}^{(10)}m_{040}^{(00)} + m_{002}^{(22)}m_{201}^{(11)}m_{220}^{(10)} - m_{002}^{(22)}m_{201}^{(11)}m_{130}^{(00)}\\
&+2m_{002}^{(22)}m_{120}^{(00)}m_{220}^{(21)} - 2m_{002}^{(22)}m_{120}^{(00)}m_{130}^{(20)} - m_{002}^{(22)}m_{120}^{(10)}m_{310}^{(21)} + m_{002}^{(22)}m_{120}^{(10)}m_{220}^{(20)}\\
&-m_{002}^{(22)}m_{120}^{(11)}m_{400}^{(21)} + m_{002}^{(22)}m_{120}^{(11)}m_{310}^{(20)} - m_{002}^{(22)}m_{120}^{(20)}m_{310}^{(11)} - m_{002}^{(22)}m_{120}^{(20)}m_{220}^{(10)}\\
&+2m_{002}^{(22)}m_{120}^{(20)}m_{130}^{(00)} + m_{002}^{(22)}m_{120}^{(21)}m_{400}^{(11)} + m_{002}^{(22)}m_{120}^{(21)}m_{310}^{(10)} - 2m_{002}^{(22)}m_{120}^{(21)}m_{220}^{(00)}\\
&-2m_{002}^{(22)}m_{111}^{(00)}m_{220}^{(11)} + 2m_{002}^{(22)}m_{111}^{(00)}m_{130}^{(10)} + 2m_{002}^{(22)}m_{111}^{(10)}m_{310}^{(11)} - 2m_{002}^{(22)}m_{111}^{(10)}m_{130}^{(00)}\\
&-2m_{002}^{(22)}m_{111}^{(11)}m_{310}^{(10)} + 2m_{002}^{(22)}m_{111}^{(11)}m_{220}^{(00)} - m_{002}^{(22)}m_{030}^{(00)}m_{310}^{(21)} + m_{002}^{(22)}m_{030}^{(00)}m_{220}^{(20)}\\
&+m_{002}^{(22)}m_{030}^{(10)}m_{400}^{(21)} - m_{002}^{(22)}m_{030}^{(10)}m_{310}^{(20)} + m_{002}^{(22)}m_{030}^{(20)}m_{310}^{(10)} - m_{002}^{(22)}m_{030}^{(20)}m_{220}^{(00)}\\
&-m_{002}^{(22)}m_{030}^{(21)}m_{400}^{(10)} + m_{002}^{(22)}m_{030}^{(21)}m_{310}^{(00)} + m_{002}^{(22)}m_{021}^{(00)}m_{310}^{(11)} - m_{002}^{(22)}m_{021}^{(00)}m_{220}^{(10)}\\
&-m_{002}^{(22)}m_{021}^{(10)}m_{400}^{(11)} + m_{002}^{(22)}m_{021}^{(10)}m_{220}^{(00)} + m_{002}^{(22)}m_{021}^{(11)}m_{400}^{(10)} - m_{002}^{(22)}m_{021}^{(11)}m_{310}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{ccccc}
V1 & 1 & 1 & 1 & V1\\
1 & 2 & V2 & 2 & V3\\
V2 & V3 & 3 & 3 & 3
\end{array}
$$



$$
\begin{aligned}
T_{132} \;=\;& m_{200}^{(00)}m_{120}^{(11)}m_{013}^{(22)} - m_{200}^{(00)}m_{120}^{(11)}m_{004}^{(21)} - 2m_{200}^{(00)}m_{120}^{(21)}m_{022}^{(22)} + 2m_{200}^{(00)}m_{120}^{(21)}m_{013}^{(21)}\\
&+m_{200}^{(00)}m_{120}^{(22)}m_{031}^{(22)} - m_{200}^{(00)}m_{120}^{(22)}m_{022}^{(21)} - m_{200}^{(00)}m_{111}^{(11)}m_{022}^{(22)} + m_{200}^{(00)}m_{111}^{(11)}m_{004}^{(11)}\\
&+2m_{200}^{(00)}m_{111}^{(21)}m_{031}^{(22)} - 2m_{200}^{(00)}m_{111}^{(21)}m_{013}^{(11)} - m_{200}^{(00)}m_{111}^{(22)}m_{040}^{(22)} + m_{200}^{(00)}m_{111}^{(22)}m_{022}^{(11)}\\
&+m_{200}^{(00)}m_{102}^{(11)}m_{022}^{(21)} - m_{200}^{(00)}m_{102}^{(11)}m_{013}^{(11)} - 2m_{200}^{(00)}m_{102}^{(21)}m_{031}^{(21)} + 2m_{200}^{(00)}m_{102}^{(21)}m_{022}^{(11)}\\
&+m_{200}^{(00)}m_{102}^{(22)}m_{040}^{(21)} - m_{200}^{(00)}m_{102}^{(22)}m_{031}^{(11)} - m_{200}^{(00)}m_{030}^{(10)}m_{013}^{(22)} + m_{200}^{(00)}m_{030}^{(10)}m_{004}^{(21)}\\
&+m_{200}^{(00)}m_{030}^{(20)}m_{022}^{(22)} - m_{200}^{(00)}m_{030}^{(20)}m_{013}^{(21)} + m_{200}^{(00)}m_{030}^{(21)}m_{112}^{(22)} - m_{200}^{(00)}m_{030}^{(21)}m_{103}^{(21)}
\end{aligned}
$$

$$
\begin{aligned}
&-m_{200}^{(00)}m_{030}^{(22)}m_{121}^{(22)}+m_{200}^{(00)}m_{030}^{(22)}m_{112}^{(21)}+2m_{200}^{(00)}m_{021}^{(10)}m_{022}^{(22)}-m_{200}^{(00)}m_{021}^{(10)}m_{013}^{(21)}\\
&-m_{200}^{(00)}m_{021}^{(10)}m_{004}^{(11)}-m_{200}^{(00)}m_{021}^{(11)}m_{112}^{(22)}+m_{200}^{(00)}m_{021}^{(11)}m_{103}^{(21)}-2m_{200}^{(00)}m_{021}^{(20)}m_{031}^{(22)}\\
&+m_{200}^{(00)}m_{021}^{(20)}m_{022}^{(21)}+m_{200}^{(00)}m_{021}^{(20)}m_{013}^{(11)}-m_{200}^{(00)}m_{021}^{(21)}m_{112}^{(21)}+m_{200}^{(00)}m_{021}^{(21)}m_{103}^{(11)}\\
&+m_{200}^{(00)}m_{021}^{(22)}m_{130}^{(22)}-m_{200}^{(00)}m_{021}^{(22)}m_{112}^{(11)}-m_{200}^{(00)}m_{012}^{(10)}m_{031}^{(22)}-m_{200}^{(00)}m_{012}^{(10)}m_{022}^{(21)}\\
&+2m_{200}^{(00)}m_{012}^{(10)}m_{013}^{(11)}+m_{200}^{(00)}m_{012}^{(11)}m_{121}^{(22)}-m_{200}^{(00)}m_{012}^{(11)}m_{103}^{(11)}+m_{200}^{(00)}m_{012}^{(20)}m_{040}^{(22)}\\
&+m_{200}^{(00)}m_{012}^{(20)}m_{031}^{(21)}-2m_{200}^{(00)}m_{012}^{(20)}m_{022}^{(11)}-m_{200}^{(00)}m_{012}^{(21)}m_{130}^{(22)}+m_{200}^{(00)}m_{012}^{(21)}m_{121}^{(21)}\\
&-m_{200}^{(00)}m_{012}^{(22)}m_{130}^{(21)}+m_{200}^{(00)}m_{012}^{(22)}m_{121}^{(11)}+m_{200}^{(00)}m_{003}^{(10)}m_{031}^{(21)}-m_{200}^{(00)}m_{003}^{(10)}m_{022}^{(11)}\\
&-m_{200}^{(00)}m_{003}^{(11)}m_{121}^{(21)}+m_{200}^{(00)}m_{003}^{(11)}m_{112}^{(11)}-m_{200}^{(00)}m_{003}^{(20)}m_{040}^{(21)}+m_{200}^{(00)}m_{003}^{(20)}m_{031}^{(11)}\\
&+m_{200}^{(00)}m_{003}^{(21)}m_{130}^{(21)}-m_{200}^{(00)}m_{003}^{(21)}m_{121}^{(11)}-m_{200}^{(10)}m_{120}^{(10)}m_{013}^{(22)}+m_{200}^{(10)}m_{120}^{(10)}m_{004}^{(21)}\\
&-m_{200}^{(10)}m_{120}^{(11)}m_{103}^{(22)}+m_{200}^{(10)}m_{120}^{(11)}m_{004}^{(20)}+m_{200}^{(10)}m_{120}^{(20)}m_{022}^{(22)}-m_{200}^{(10)}m_{120}^{(20)}m_{013}^{(21)}\\
&+3m_{200}^{(10)}m_{120}^{(21)}m_{112}^{(22)}-m_{200}^{(10)}m_{120}^{(21)}m_{103}^{(21)}-2m_{200}^{(10)}m_{120}^{(21)}m_{013}^{(20)}-2m_{200}^{(10)}m_{120}^{(22)}m_{121}^{(22)}\\
&+m_{200}^{(10)}m_{120}^{(22)}m_{112}^{(21)}+m_{200}^{(10)}m_{120}^{(22)}m_{022}^{(20)}+m_{200}^{(10)}m_{111}^{(10)}m_{022}^{(22)}-m_{200}^{(10)}m_{111}^{(10)}m_{004}^{(11)}\\
&+m_{200}^{(10)}m_{111}^{(11)}m_{112}^{(22)}+m_{200}^{(10)}m_{111}^{(11)}m_{103}^{(21)}-m_{200}^{(10)}m_{111}^{(11)}m_{013}^{(20)}-m_{200}^{(10)}m_{111}^{(11)}m_{004}^{(10)}\\
&-m_{200}^{(10)}m_{111}^{(20)}m_{031}^{(22)}+m_{200}^{(10)}m_{111}^{(20)}m_{013}^{(11)}-3m_{200}^{(10)}m_{111}^{(21)}m_{121}^{(22)}-2m_{200}^{(10)}m_{111}^{(21)}m_{112}^{(21)}\\
&+m_{200}^{(10)}m_{111}^{(21)}m_{103}^{(11)}+2m_{200}^{(10)}m_{111}^{(21)}m_{022}^{(20)}+2m_{200}^{(10)}m_{111}^{(21)}m_{013}^{(10)}+2m_{200}^{(10)}m_{111}^{(22)}m_{130}^{(22)}\\
&+m_{200}^{(10)}m_{111}^{(22)}m_{121}^{(21)}-m_{200}^{(10)}m_{111}^{(22)}m_{112}^{(11)}-m_{200}^{(10)}m_{111}^{(22)}m_{031}^{(20)}-m_{200}^{(10)}m_{111}^{(22)}m_{022}^{(10)}\\
&-m_{200}^{(10)}m_{102}^{(10)}m_{022}^{(21)}+m_{200}^{(10)}m_{102}^{(10)}m_{013}^{(11)}-m_{200}^{(10)}m_{102}^{(11)}m_{112}^{(21)}+m_{200}^{(10)}m_{102}^{(11)}m_{013}^{(10)}\\
&+m_{200}^{(10)}m_{102}^{(20)}m_{031}^{(21)}-m_{200}^{(10)}m_{102}^{(20)}m_{022}^{(11)}+3m_{200}^{(10)}m_{102}^{(21)}m_{121}^{(21)}-m_{200}^{(10)}m_{102}^{(21)}m_{112}^{(11)}\\
&-2m_{200}^{(10)}m_{102}^{(21)}m_{022}^{(10)}-2m_{200}^{(10)}m_{102}^{(22)}m_{130}^{(21)}+m_{200}^{(10)}m_{102}^{(22)}m_{121}^{(11)}+m_{200}^{(10)}m_{102}^{(22)}m_{031}^{(10)}\\
&+m_{200}^{(10)}m_{030}^{(00)}m_{013}^{(22)}-m_{200}^{(10)}m_{030}^{(00)}m_{004}^{(21)}+m_{200}^{(10)}m_{030}^{(10)}m_{103}^{(22)}-m_{200}^{(10)}m_{030}^{(10)}m_{004}^{(20)}\\
&-3m_{200}^{(10)}m_{030}^{(20)}m_{112}^{(22)}+2m_{200}^{(10)}m_{030}^{(20)}m_{103}^{(21)}+m_{200}^{(10)}m_{030}^{(20)}m_{013}^{(20)}-m_{200}^{(10)}m_{030}^{(21)}m_{202}^{(22)}\\
&+m_{200}^{(10)}m_{030}^{(21)}m_{103}^{(20)}+2m_{200}^{(10)}m_{030}^{(22)}m_{211}^{(22)}-m_{200}^{(10)}m_{030}^{(22)}m_{202}^{(21)}-m_{200}^{(10)}m_{030}^{(22)}m_{112}^{(20)}\\
&-2m_{200}^{(10)}m_{021}^{(00)}m_{022}^{(22)}+m_{200}^{(10)}m_{021}^{(00)}m_{013}^{(21)}+m_{200}^{(10)}m_{021}^{(00)}m_{004}^{(11)}-m_{200}^{(10)}m_{021}^{(10)}m_{112}^{(22)}\\
&-2m_{200}^{(10)}m_{021}^{(10)}m_{112}^{(21)}+2m_{200}^{(10)}m_{021}^{(10)}m_{013}^{(20)}+m_{200}^{(10)}m_{021}^{(10)}m_{004}^{(10)}+m_{200}^{(10)}m_{021}^{(11)}m_{202}^{(22)}\\
&-m_{200}^{(10)}m_{021}^{(11)}m_{103}^{(20)}+5m_{200}^{(10)}m_{021}^{(20)}m_{121}^{(22)}-2m_{200}^{(10)}m_{021}^{(20)}m_{103}^{(11)}-2m_{200}^{(10)}m_{021}^{(20)}m_{022}^{(20)}\\
&-m_{200}^{(10)}m_{021}^{(20)}m_{013}^{(10)}-m_{200}^{(10)}m_{021}^{(21)}m_{211}^{(22)}+2m_{200}^{(10)}m_{021}^{(21)}m_{202}^{(21)}-m_{200}^{(10)}m_{021}^{(21)}m_{103}^{(10)}\\
&-2m_{200}^{(10)}m_{021}^{(22)}m_{220}^{(22)}-m_{200}^{(10)}m_{021}^{(22)}m_{211}^{(21)}+m_{200}^{(10)}m_{021}^{(22)}m_{202}^{(11)}+m_{200}^{(10)}m_{021}^{(22)}m_{121}^{(20)}\\
&+m_{200}^{(10)}m_{021}^{(22)}m_{112}^{(10)}+m_{200}^{(10)}m_{012}^{(00)}m_{031}^{(22)}+m_{200}^{(10)}m_{012}^{(00)}m_{022}^{(21)}-2m_{200}^{(10)}m_{012}^{(00)}m_{013}^{(11)}\\
&+2m_{200}^{(10)}m_{012}^{(10)}m_{112}^{(21)}+m_{200}^{(10)}m_{012}^{(10)}m_{103}^{(11)}-m_{200}^{(10)}m_{012}^{(10)}m_{022}^{(20)}-2m_{200}^{(10)}m_{012}^{(10)}m_{013}^{(10)}\\
&-m_{200}^{(10)}m_{012}^{(11)}m_{211}^{(22)}-m_{200}^{(10)}m_{012}^{(11)}m_{202}^{(21)}+m_{200}^{(10)}m_{012}^{(11)}m_{112}^{(20)}+m_{200}^{(10)}m_{012}^{(11)}m_{103}^{(10)}\\
&-2m_{200}^{(10)}m_{012}^{(20)}m_{130}^{(22)}-4m_{200}^{(10)}m_{012}^{(20)}m_{121}^{(21)}+3m_{200}^{(10)}m_{012}^{(20)}m_{112}^{(11)}+m_{200}^{(10)}m_{012}^{(20)}m_{031}^{(20)}\\
&+2m_{200}^{(10)}m_{012}^{(20)}m_{022}^{(10)}+2m_{200}^{(10)}m_{012}^{(21)}m_{220}^{(22)}-m_{200}^{(10)}m_{012}^{(21)}m_{202}^{(11)}-m_{200}^{(10)}m_{012}^{(21)}m_{121}^{(20)}\\
&+2m_{200}^{(10)}m_{012}^{(22)}m_{220}^{(21)}-m_{200}^{(10)}m_{012}^{(22)}m_{211}^{(11)}-m_{200}^{(10)}m_{012}^{(22)}m_{121}^{(10)}-m_{200}^{(10)}m_{003}^{(00)}m_{031}^{(21)}\\
&+m_{200}^{(10)}m_{003}^{(00)}m_{022}^{(11)}-m_{200}^{(10)}m_{003}^{(10)}m_{112}^{(11)}+m_{200}^{(10)}m_{003}^{(10)}m_{022}^{(10)}+m_{200}^{(10)}m_{003}^{(11)}m_{211}^{(21)}\\
&-m_{200}^{(10)}m_{003}^{(11)}m_{112}^{(10)}+2m_{200}^{(10)}m_{003}^{(20)}m_{130}^{(21)}-m_{200}^{(10)}m_{003}^{(20)}m_{121}^{(11)}-m_{200}^{(10)}m_{003}^{(20)}m_{031}^{(10)}\\
&-2m_{200}^{(10)}m_{003}^{(21)}m_{220}^{(21)}+m_{200}^{(10)}m_{003}^{(21)}m_{211}^{(11)}+m_{200}^{(10)}m_{003}^{(21)}m_{121}^{(10)}+m_{200}^{(11)}m_{120}^{(10)}m_{103}^{(22)}\\
&-m_{200}^{(11)}m_{120}^{(10)}m_{004}^{(20)}-m_{200}^{(11)}m_{120}^{(20)}m_{112}^{(22)}+m_{200}^{(11)}m_{120}^{(20)}m_{013}^{(20)}-m_{200}^{(11)}m_{120}^{(21)}m_{202}^{(22)}\\
&+m_{200}^{(11)}m_{120}^{(21)}m_{103}^{(20)}+m_{200}^{(11)}m_{120}^{(22)}m_{211}^{(22)}-m_{200}^{(11)}m_{120}^{(22)}m_{112}^{(20)}-m_{200}^{(11)}m_{111}^{(10)}m_{112}^{(22)}
\end{aligned}
$$

$$
\begin{aligned}
&-m_{200}^{(11)}m_{111}^{(10)}m_{103}^{(21)} + m_{200}^{(11)}m_{111}^{(10)}m_{013}^{(20)} + m_{200}^{(11)}m_{111}^{(10)}m_{004}^{(10)} + m_{200}^{(11)}m_{111}^{(20)}m_{121}^{(22)}\\
&+m_{200}^{(11)}m_{111}^{(20)}m_{112}^{(21)} - m_{200}^{(11)}m_{111}^{(20)}m_{022}^{(20)} - m_{200}^{(11)}m_{111}^{(20)}m_{013}^{(10)} + m_{200}^{(11)}m_{111}^{(21)}m_{211}^{(22)}\\
&+m_{200}^{(11)}m_{111}^{(21)}m_{202}^{(21)} - m_{200}^{(11)}m_{111}^{(21)}m_{112}^{(20)} - m_{200}^{(11)}m_{111}^{(21)}m_{103}^{(10)} - m_{200}^{(11)}m_{111}^{(22)}m_{220}^{(22)}\\
&-m_{200}^{(11)}m_{111}^{(22)}m_{211}^{(21)} + m_{200}^{(11)}m_{111}^{(22)}m_{121}^{(20)} + m_{200}^{(11)}m_{111}^{(22)}m_{112}^{(10)} + m_{200}^{(11)}m_{102}^{(10)}m_{112}^{(21)}\\
&-m_{200}^{(11)}m_{102}^{(10)}m_{013}^{(10)} - m_{200}^{(11)}m_{102}^{(20)}m_{121}^{(21)} + m_{200}^{(11)}m_{102}^{(20)}m_{022}^{(10)} - m_{200}^{(11)}m_{102}^{(21)}m_{211}^{(21)}\\
&+m_{200}^{(11)}m_{102}^{(21)}m_{112}^{(10)} + m_{200}^{(11)}m_{102}^{(22)}m_{220}^{(21)} - m_{200}^{(11)}m_{102}^{(22)}m_{121}^{(10)} - m_{200}^{(11)}m_{030}^{(00)}m_{103}^{(22)}\\
&+m_{200}^{(11)}m_{030}^{(00)}m_{004}^{(20)} + 2m_{200}^{(11)}m_{030}^{(20)}m_{202}^{(22)} - 2m_{200}^{(11)}m_{030}^{(20)}m_{103}^{(20)} - m_{200}^{(11)}m_{030}^{(22)}m_{301}^{(22)}\\
&+m_{200}^{(11)}m_{030}^{(22)}m_{202}^{(20)} + 2m_{200}^{(11)}m_{021}^{(00)}m_{112}^{(22)} + m_{200}^{(11)}m_{021}^{(00)}m_{103}^{(21)} - 2m_{200}^{(11)}m_{021}^{(00)}m_{013}^{(20)}\\
&-m_{200}^{(11)}m_{021}^{(00)}m_{004}^{(10)} - m_{200}^{(11)}m_{021}^{(10)}m_{202}^{(22)} + m_{200}^{(11)}m_{021}^{(10)}m_{103}^{(20)} - 3m_{200}^{(11)}m_{021}^{(20)}m_{211}^{(22)}\\
&-2m_{200}^{(11)}m_{021}^{(20)}m_{202}^{(21)} + 3m_{200}^{(11)}m_{021}^{(20)}m_{112}^{(20)} + 2m_{200}^{(11)}m_{021}^{(20)}m_{103}^{(10)} + m_{200}^{(11)}m_{021}^{(21)}m_{301}^{(22)}\\
&-m_{200}^{(11)}m_{021}^{(21)}m_{202}^{(20)} + m_{200}^{(11)}m_{021}^{(22)}m_{310}^{(22)} + m_{200}^{(11)}m_{021}^{(22)}m_{301}^{(21)} - m_{200}^{(11)}m_{021}^{(22)}m_{211}^{(20)}\\
&-m_{200}^{(11)}m_{021}^{(22)}m_{202}^{(10)} - m_{200}^{(11)}m_{012}^{(00)}m_{121}^{(22)} - 2m_{200}^{(11)}m_{012}^{(00)}m_{112}^{(21)} + m_{200}^{(11)}m_{012}^{(00)}m_{022}^{(20)}\\
&+2m_{200}^{(11)}m_{012}^{(00)}m_{013}^{(10)} + m_{200}^{(11)}m_{012}^{(10)}m_{211}^{(22)} + m_{200}^{(11)}m_{012}^{(10)}m_{202}^{(21)} - m_{200}^{(11)}m_{012}^{(10)}m_{112}^{(20)}\\
&-m_{200}^{(11)}m_{012}^{(10)}m_{103}^{(10)} + m_{200}^{(11)}m_{012}^{(20)}m_{220}^{(22)} + 3m_{200}^{(11)}m_{012}^{(20)}m_{211}^{(21)} - m_{200}^{(11)}m_{012}^{(20)}m_{121}^{(20)}\\
&-3m_{200}^{(11)}m_{012}^{(20)}m_{112}^{(10)} - m_{200}^{(11)}m_{012}^{(21)}m_{310}^{(22)} - m_{200}^{(11)}m_{012}^{(21)}m_{301}^{(21)} + m_{200}^{(11)}m_{012}^{(21)}m_{211}^{(20)}\\
&+m_{200}^{(11)}m_{012}^{(21)}m_{202}^{(10)} - m_{200}^{(11)}m_{012}^{(22)}m_{310}^{(21)} + m_{200}^{(11)}m_{012}^{(22)}m_{211}^{(10)} + m_{200}^{(11)}m_{003}^{(00)}m_{121}^{(21)}\\
&-m_{200}^{(11)}m_{003}^{(00)}m_{022}^{(10)} - m_{200}^{(11)}m_{003}^{(10)}m_{211}^{(21)} + m_{200}^{(11)}m_{003}^{(10)}m_{112}^{(10)} - m_{200}^{(11)}m_{003}^{(20)}m_{220}^{(21)}\\
&+m_{200}^{(11)}m_{003}^{(20)}m_{121}^{(10)} + m_{200}^{(11)}m_{003}^{(21)}m_{310}^{(21)} - m_{200}^{(11)}m_{003}^{(21)}m_{211}^{(10)} + m_{200}^{(20)}m_{120}^{(10)}m_{022}^{(22)}\\
&-m_{200}^{(20)}m_{120}^{(10)}m_{013}^{(21)} - m_{200}^{(20)}m_{120}^{(11)}m_{112}^{(22)} + 2m_{200}^{(20)}m_{120}^{(11)}m_{103}^{(21)} - m_{200}^{(20)}m_{120}^{(11)}m_{013}^{(20)}\\
&-m_{200}^{(20)}m_{120}^{(20)}m_{031}^{(22)} + m_{200}^{(20)}m_{120}^{(20)}m_{022}^{(21)} + m_{200}^{(20)}m_{120}^{(21)}m_{121}^{(22)} - 3m_{200}^{(20)}m_{120}^{(21)}m_{112}^{(21)}\\
&+2m_{200}^{(20)}m_{120}^{(21)}m_{022}^{(20)} + m_{200}^{(20)}m_{120}^{(22)}m_{121}^{(21)} - m_{200}^{(20)}m_{120}^{(22)}m_{031}^{(20)} - m_{200}^{(20)}m_{111}^{(10)}m_{031}^{(22)}\\
&+m_{200}^{(20)}m_{111}^{(10)}m_{013}^{(11)} + m_{200}^{(20)}m_{111}^{(11)}m_{121}^{(22)} - m_{200}^{(20)}m_{111}^{(11)}m_{112}^{(21)} - 2m_{200}^{(20)}m_{111}^{(11)}m_{103}^{(11)}\\
&+m_{200}^{(20)}m_{111}^{(11)}m_{022}^{(20)} + m_{200}^{(20)}m_{111}^{(11)}m_{013}^{(10)} + m_{200}^{(20)}m_{111}^{(20)}m_{040}^{(22)} - m_{200}^{(20)}m_{111}^{(20)}m_{022}^{(11)}\\
&-m_{200}^{(20)}m_{111}^{(21)}m_{130}^{(22)} + 2m_{200}^{(20)}m_{111}^{(21)}m_{121}^{(21)} + 3m_{200}^{(20)}m_{111}^{(21)}m_{112}^{(11)} - 2m_{200}^{(20)}m_{111}^{(21)}m_{031}^{(20)}\\
&-2m_{200}^{(20)}m_{111}^{(21)}m_{022}^{(10)} - m_{200}^{(20)}m_{111}^{(22)}m_{130}^{(21)} - m_{200}^{(20)}m_{111}^{(22)}m_{121}^{(11)} + m_{200}^{(20)}m_{111}^{(22)}m_{040}^{(20)}\\
&+m_{200}^{(20)}m_{111}^{(22)}m_{031}^{(10)} + m_{200}^{(20)}m_{102}^{(10)}m_{031}^{(21)} - m_{200}^{(20)}m_{102}^{(10)}m_{022}^{(11)} - m_{200}^{(20)}m_{102}^{(11)}m_{121}^{(21)}\\
&+2m_{200}^{(20)}m_{102}^{(11)}m_{112}^{(11)} - m_{200}^{(20)}m_{102}^{(11)}m_{022}^{(10)} - m_{200}^{(20)}m_{102}^{(20)}m_{040}^{(21)} + m_{200}^{(20)}m_{102}^{(20)}m_{031}^{(11)}\\
&+m_{200}^{(20)}m_{102}^{(21)}m_{130}^{(21)} - 3m_{200}^{(20)}m_{102}^{(21)}m_{121}^{(11)} + 2m_{200}^{(20)}m_{102}^{(21)}m_{031}^{(10)} + m_{200}^{(20)}m_{102}^{(22)}m_{130}^{(11)}\\
&-m_{200}^{(20)}m_{102}^{(22)}m_{040}^{(10)} - m_{200}^{(20)}m_{030}^{(00)}m_{022}^{(22)} + m_{200}^{(20)}m_{030}^{(00)}m_{013}^{(21)} + m_{200}^{(20)}m_{030}^{(10)}m_{112}^{(22)}\\
&-2m_{200}^{(20)}m_{030}^{(10)}m_{103}^{(21)} + m_{200}^{(20)}m_{030}^{(10)}m_{013}^{(20)} + m_{200}^{(20)}m_{030}^{(20)}m_{121}^{(22)} - m_{200}^{(20)}m_{030}^{(20)}m_{022}^{(20)}\\
&-m_{200}^{(20)}m_{030}^{(21)}m_{211}^{(22)} + 2m_{200}^{(20)}m_{030}^{(21)}m_{202}^{(21)} - m_{200}^{(20)}m_{030}^{(21)}m_{112}^{(20)} - m_{200}^{(20)}m_{030}^{(22)}m_{211}^{(21)}\\
&+m_{200}^{(20)}m_{030}^{(22)}m_{121}^{(20)} + 2m_{200}^{(20)}m_{021}^{(00)}m_{031}^{(22)} - m_{200}^{(20)}m_{021}^{(00)}m_{022}^{(21)} - m_{200}^{(20)}m_{021}^{(00)}m_{013}^{(11)}\\
&-3m_{200}^{(20)}m_{021}^{(10)}m_{121}^{(22)} + 4m_{200}^{(20)}m_{021}^{(10)}m_{112}^{(21)} + 2m_{200}^{(20)}m_{021}^{(10)}m_{103}^{(11)} - 2m_{200}^{(20)}m_{021}^{(10)}m_{022}^{(20)}\\
&-m_{200}^{(20)}m_{021}^{(10)}m_{013}^{(10)} + m_{200}^{(20)}m_{021}^{(11)}m_{211}^{(22)} - 2m_{200}^{(20)}m_{021}^{(11)}m_{202}^{(21)} + m_{200}^{(20)}m_{021}^{(11)}m_{112}^{(20)}\\
&-m_{200}^{(20)}m_{021}^{(20)}m_{130}^{(22)} - 2m_{200}^{(20)}m_{021}^{(20)}m_{121}^{(21)} + 2m_{200}^{(20)}m_{021}^{(20)}m_{031}^{(20)} + m_{200}^{(20)}m_{021}^{(20)}m_{022}^{(10)}\\
&+m_{200}^{(20)}m_{021}^{(21)}m_{220}^{(22)} - 2m_{200}^{(20)}m_{021}^{(21)}m_{202}^{(11)} + m_{200}^{(20)}m_{021}^{(21)}m_{112}^{(10)} + m_{200}^{(20)}m_{021}^{(22)}m_{220}^{(21)}\\
&+m_{200}^{(20)}m_{021}^{(22)}m_{211}^{(11)} - m_{200}^{(20)}m_{021}^{(22)}m_{130}^{(20)} - m_{200}^{(20)}m_{021}^{(22)}m_{121}^{(10)} - m_{200}^{(20)}m_{012}^{(00)}m_{040}^{(22)}\\
&-m_{200}^{(20)}m_{012}^{(00)}m_{031}^{(21)} + 2m_{200}^{(20)}m_{012}^{(00)}m_{022}^{(11)} + 2m_{200}^{(20)}m_{012}^{(10)}m_{130}^{(22)} - 5m_{200}^{(20)}m_{012}^{(10)}m_{112}^{(11)}
\end{aligned}
$$

$$+m_{200}^{(20)}m_{012}^{(10)}m_{031}^{(20)}+2m_{200}^{(20)}m_{012}^{(10)}m_{022}^{(10)}-m_{200}^{(20)}m_{012}^{(11)}m_{220}^{(22)}+m_{200}^{(20)}m_{012}^{(11)}m_{211}^{(21)}$$
$$+2m_{200}^{(20)}m_{012}^{(11)}m_{202}^{(11)}-m_{200}^{(20)}m_{012}^{(11)}m_{121}^{(20)}-m_{200}^{(20)}m_{012}^{(11)}m_{112}^{(10)}+2m_{200}^{(20)}m_{012}^{(20)}m_{130}^{(21)}$$
$$+m_{200}^{(20)}m_{012}^{(20)}m_{121}^{(11)}-m_{200}^{(20)}m_{012}^{(20)}m_{040}^{(20)}-2m_{200}^{(20)}m_{012}^{(20)}m_{031}^{(10)}-2m_{200}^{(20)}m_{012}^{(21)}m_{220}^{(21)}$$
$$+m_{200}^{(20)}m_{012}^{(21)}m_{211}^{(11)}+m_{200}^{(20)}m_{012}^{(21)}m_{130}^{(20)}-m_{200}^{(20)}m_{012}^{(22)}m_{220}^{(11)}+m_{200}^{(20)}m_{012}^{(22)}m_{130}^{(10)}$$
$$+m_{200}^{(20)}m_{003}^{(00)}m_{040}^{(21)}-m_{200}^{(20)}m_{003}^{(00)}m_{031}^{(11)}-2m_{200}^{(20)}m_{003}^{(10)}m_{130}^{(21)}+3m_{200}^{(20)}m_{003}^{(10)}m_{121}^{(11)}$$
$$-m_{200}^{(20)}m_{003}^{(10)}m_{031}^{(10)}+m_{200}^{(20)}m_{003}^{(11)}m_{220}^{(21)}-2m_{200}^{(20)}m_{003}^{(11)}m_{211}^{(11)}+m_{200}^{(20)}m_{003}^{(11)}m_{121}^{(10)}$$
$$-m_{200}^{(20)}m_{003}^{(20)}m_{130}^{(11)}+m_{200}^{(20)}m_{003}^{(20)}m_{040}^{(10)}+m_{200}^{(20)}m_{003}^{(21)}m_{220}^{(11)}-m_{200}^{(20)}m_{003}^{(21)}m_{130}^{(10)}$$
$$-m_{200}^{(21)}m_{120}^{(10)}m_{112}^{(22)}-m_{200}^{(21)}m_{120}^{(10)}m_{103}^{(21)}+2m_{200}^{(21)}m_{120}^{(10)}m_{013}^{(20)}+m_{200}^{(21)}m_{120}^{(11)}m_{202}^{(22)}$$
$$-m_{200}^{(21)}m_{120}^{(11)}m_{103}^{(20)}+m_{200}^{(21)}m_{120}^{(20)}m_{121}^{(22)}+m_{200}^{(21)}m_{120}^{(20)}m_{112}^{(21)}-2m_{200}^{(21)}m_{120}^{(20)}m_{022}^{(20)}$$
$$-m_{200}^{(21)}m_{120}^{(21)}m_{211}^{(22)}+m_{200}^{(21)}m_{120}^{(21)}m_{202}^{(21)}-m_{200}^{(21)}m_{120}^{(22)}m_{211}^{(21)}+m_{200}^{(21)}m_{120}^{(22)}m_{121}^{(20)}$$
$$+m_{200}^{(21)}m_{111}^{(10)}m_{121}^{(22)}+2m_{200}^{(21)}m_{111}^{(10)}m_{112}^{(21)}+m_{200}^{(21)}m_{111}^{(10)}m_{103}^{(11)}-2m_{200}^{(21)}m_{111}^{(10)}m_{022}^{(20)}$$
$$-2m_{200}^{(21)}m_{111}^{(10)}m_{013}^{(10)}-m_{200}^{(21)}m_{111}^{(11)}m_{211}^{(22)}-m_{200}^{(21)}m_{111}^{(11)}m_{202}^{(21)}+m_{200}^{(21)}m_{111}^{(11)}m_{112}^{(20)}$$
$$+m_{200}^{(21)}m_{111}^{(11)}m_{103}^{(10)}-m_{200}^{(21)}m_{111}^{(20)}m_{130}^{(22)}-2m_{200}^{(21)}m_{111}^{(20)}m_{121}^{(21)}-m_{200}^{(21)}m_{111}^{(20)}m_{112}^{(11)}$$
$$+2m_{200}^{(21)}m_{111}^{(20)}m_{031}^{(20)}+2m_{200}^{(21)}m_{111}^{(20)}m_{022}^{(10)}+m_{200}^{(21)}m_{111}^{(21)}m_{220}^{(22)}-m_{200}^{(21)}m_{111}^{(21)}m_{202}^{(11)}$$
$$+m_{200}^{(21)}m_{111}^{(22)}m_{220}^{(21)}+m_{200}^{(21)}m_{111}^{(22)}m_{211}^{(11)}-m_{200}^{(21)}m_{111}^{(22)}m_{130}^{(20)}-m_{200}^{(21)}m_{111}^{(22)}m_{121}^{(10)}$$
$$-m_{200}^{(21)}m_{102}^{(10)}m_{121}^{(21)}-m_{200}^{(21)}m_{102}^{(10)}m_{112}^{(11)}+2m_{200}^{(21)}m_{102}^{(10)}m_{022}^{(10)}+m_{200}^{(21)}m_{102}^{(11)}m_{211}^{(21)}$$
$$-m_{200}^{(21)}m_{102}^{(11)}m_{112}^{(10)}+m_{200}^{(21)}m_{102}^{(20)}m_{130}^{(21)}+m_{200}^{(21)}m_{102}^{(20)}m_{121}^{(11)}-2m_{200}^{(21)}m_{102}^{(20)}m_{031}^{(10)}$$
$$-m_{200}^{(21)}m_{102}^{(21)}m_{220}^{(21)}+m_{200}^{(21)}m_{102}^{(21)}m_{211}^{(11)}-m_{200}^{(21)}m_{102}^{(22)}m_{220}^{(11)}+m_{200}^{(21)}m_{102}^{(22)}m_{130}^{(10)}$$
$$+m_{200}^{(21)}m_{030}^{(00)}m_{112}^{(22)}+m_{200}^{(21)}m_{030}^{(00)}m_{103}^{(21)}-2m_{200}^{(21)}m_{030}^{(00)}m_{013}^{(20)}-m_{200}^{(21)}m_{030}^{(10)}m_{202}^{(22)}$$
$$+m_{200}^{(21)}m_{030}^{(10)}m_{103}^{(20)}-m_{200}^{(21)}m_{030}^{(20)}m_{211}^{(22)}-2m_{200}^{(21)}m_{030}^{(20)}m_{202}^{(21)}+3m_{200}^{(21)}m_{030}^{(20)}m_{112}^{(20)}$$
$$+m_{200}^{(21)}m_{030}^{(21)}m_{301}^{(22)}-m_{200}^{(21)}m_{030}^{(21)}m_{202}^{(20)}+m_{200}^{(21)}m_{030}^{(22)}m_{301}^{(21)}-m_{200}^{(21)}m_{030}^{(22)}m_{211}^{(20)}$$
$$-2m_{200}^{(21)}m_{021}^{(00)}m_{121}^{(22)}-3m_{200}^{(21)}m_{021}^{(00)}m_{112}^{(21)}-m_{200}^{(21)}m_{021}^{(00)}m_{103}^{(11)}+4m_{200}^{(21)}m_{021}^{(00)}m_{022}^{(20)}$$
$$+2m_{200}^{(21)}m_{021}^{(00)}m_{013}^{(10)}+3m_{200}^{(21)}m_{021}^{(10)}m_{211}^{(22)}+2m_{200}^{(21)}m_{021}^{(10)}m_{202}^{(21)}-4m_{200}^{(21)}m_{021}^{(10)}m_{112}^{(20)}$$
$$-m_{200}^{(21)}m_{021}^{(10)}m_{103}^{(10)}-m_{200}^{(21)}m_{021}^{(11)}m_{301}^{(22)}+m_{200}^{(21)}m_{021}^{(11)}m_{202}^{(20)}+m_{200}^{(21)}m_{021}^{(20)}m_{220}^{(22)}$$
$$+4m_{200}^{(21)}m_{021}^{(20)}m_{211}^{(21)}+2m_{200}^{(21)}m_{021}^{(20)}m_{202}^{(11)}-4m_{200}^{(21)}m_{021}^{(20)}m_{121}^{(20)}-3m_{200}^{(21)}m_{021}^{(20)}m_{112}^{(10)}$$
$$-m_{200}^{(21)}m_{021}^{(21)}m_{310}^{(22)}-2m_{200}^{(21)}m_{021}^{(21)}m_{301}^{(21)}+2m_{200}^{(21)}m_{021}^{(21)}m_{211}^{(20)}+m_{200}^{(21)}m_{021}^{(21)}m_{202}^{(10)}$$
$$-m_{200}^{(21)}m_{021}^{(22)}m_{310}^{(21)}-m_{200}^{(21)}m_{021}^{(22)}m_{301}^{(11)}+m_{200}^{(21)}m_{021}^{(22)}m_{220}^{(20)}+m_{200}^{(21)}m_{021}^{(22)}m_{211}^{(10)}$$
$$+m_{200}^{(21)}m_{012}^{(00)}m_{130}^{(22)}+3m_{200}^{(21)}m_{012}^{(00)}m_{121}^{(21)}+2m_{200}^{(21)}m_{012}^{(00)}m_{112}^{(11)}-2m_{200}^{(21)}m_{012}^{(00)}m_{031}^{(20)}$$
$$-4m_{200}^{(21)}m_{012}^{(00)}m_{022}^{(10)}-2m_{200}^{(21)}m_{012}^{(10)}m_{220}^{(22)}-4m_{200}^{(21)}m_{012}^{(10)}m_{211}^{(21)}-m_{200}^{(21)}m_{012}^{(10)}m_{202}^{(11)}$$
$$+3m_{200}^{(21)}m_{012}^{(10)}m_{121}^{(20)}+4m_{200}^{(21)}m_{012}^{(10)}m_{112}^{(10)}+m_{200}^{(21)}m_{012}^{(11)}m_{310}^{(22)}+m_{200}^{(21)}m_{012}^{(11)}m_{301}^{(21)}$$
$$-m_{200}^{(21)}m_{012}^{(11)}m_{211}^{(20)}-m_{200}^{(21)}m_{012}^{(11)}m_{202}^{(10)}-2m_{200}^{(21)}m_{012}^{(20)}m_{220}^{(21)}-3m_{200}^{(21)}m_{012}^{(20)}m_{211}^{(11)}$$
$$+m_{200}^{(21)}m_{012}^{(20)}m_{130}^{(20)}+4m_{200}^{(21)}m_{012}^{(20)}m_{121}^{(10)}+2m_{200}^{(21)}m_{012}^{(21)}m_{310}^{(21)}+m_{200}^{(21)}m_{012}^{(21)}m_{301}^{(11)}$$
$$-m_{200}^{(21)}m_{012}^{(21)}m_{220}^{(20)}-2m_{200}^{(21)}m_{012}^{(21)}m_{211}^{(10)}+m_{200}^{(21)}m_{012}^{(22)}m_{310}^{(11)}-m_{200}^{(21)}m_{012}^{(22)}m_{220}^{(10)}$$
$$-m_{200}^{(21)}m_{003}^{(00)}m_{130}^{(21)}-m_{200}^{(21)}m_{003}^{(00)}m_{121}^{(11)}+2m_{200}^{(21)}m_{003}^{(00)}m_{031}^{(10)}+2m_{200}^{(21)}m_{003}^{(10)}m_{220}^{(21)}$$
$$+m_{200}^{(21)}m_{003}^{(10)}m_{211}^{(11)}-3m_{200}^{(21)}m_{003}^{(10)}m_{121}^{(10)}-m_{200}^{(21)}m_{003}^{(11)}m_{310}^{(21)}+m_{200}^{(21)}m_{003}^{(11)}m_{211}^{(10)}$$
$$+m_{200}^{(21)}m_{003}^{(20)}m_{220}^{(11)}-m_{200}^{(21)}m_{003}^{(20)}m_{130}^{(10)}-m_{200}^{(21)}m_{003}^{(21)}m_{310}^{(11)}+m_{200}^{(21)}m_{003}^{(21)}m_{220}^{(10)}$$
$$+m_{200}^{(22)}m_{120}^{(10)}m_{112}^{(21)}-m_{200}^{(22)}m_{120}^{(10)}m_{022}^{(20)}-m_{200}^{(22)}m_{120}^{(11)}m_{202}^{(21)}+m_{200}^{(22)}m_{120}^{(11)}m_{112}^{(20)}$$
$$-m_{200}^{(22)}m_{120}^{(20)}m_{121}^{(21)}+m_{200}^{(22)}m_{120}^{(20)}m_{031}^{(20)}+m_{200}^{(22)}m_{120}^{(21)}m_{211}^{(21)}-m_{200}^{(22)}m_{120}^{(21)}m_{121}^{(20)}$$

$$
\begin{aligned}
&-m_{200}^{(22)}m_{111}^{(10)}m_{121}^{(21)} - m_{200}^{(22)}m_{111}^{(10)}m_{112}^{(11)} + m_{200}^{(22)}m_{111}^{(10)}m_{031}^{(20)} + m_{200}^{(22)}m_{111}^{(10)}m_{022}^{(10)}\\
&+m_{200}^{(22)}m_{111}^{(11)}m_{211}^{(21)} + m_{200}^{(22)}m_{111}^{(11)}m_{202}^{(11)} - m_{200}^{(22)}m_{111}^{(11)}m_{121}^{(20)} - m_{200}^{(22)}m_{111}^{(11)}m_{112}^{(10)}\\
&+m_{200}^{(22)}m_{111}^{(20)}m_{130}^{(21)} + m_{200}^{(22)}m_{111}^{(20)}m_{121}^{(11)} - m_{200}^{(22)}m_{111}^{(20)}m_{040}^{(20)} - m_{200}^{(22)}m_{111}^{(20)}m_{031}^{(10)}\\
&-m_{200}^{(22)}m_{111}^{(21)}m_{220}^{(21)} - m_{200}^{(22)}m_{111}^{(21)}m_{211}^{(11)} + m_{200}^{(22)}m_{111}^{(21)}m_{130}^{(20)} + m_{200}^{(22)}m_{111}^{(21)}m_{121}^{(10)}\\
&+m_{200}^{(22)}m_{102}^{(10)}m_{121}^{(11)} - m_{200}^{(22)}m_{102}^{(10)}m_{031}^{(10)} - m_{200}^{(22)}m_{102}^{(11)}m_{211}^{(11)} + m_{200}^{(22)}m_{102}^{(11)}m_{121}^{(10)}\\
&-m_{200}^{(22)}m_{102}^{(20)}m_{130}^{(11)} + m_{200}^{(22)}m_{102}^{(20)}m_{040}^{(10)} + m_{200}^{(22)}m_{102}^{(21)}m_{220}^{(11)} - m_{200}^{(22)}m_{102}^{(21)}m_{130}^{(10)}\\
&-m_{200}^{(22)}m_{030}^{(00)}m_{112}^{(21)} + m_{200}^{(22)}m_{030}^{(00)}m_{022}^{(20)} + m_{200}^{(22)}m_{030}^{(10)}m_{202}^{(21)} - m_{200}^{(22)}m_{030}^{(10)}m_{112}^{(20)}\\
&+m_{200}^{(22)}m_{030}^{(20)}m_{211}^{(21)} - m_{200}^{(22)}m_{030}^{(20)}m_{121}^{(20)} - m_{200}^{(22)}m_{030}^{(21)}m_{301}^{(21)} + m_{200}^{(22)}m_{030}^{(21)}m_{211}^{(20)}\\
&+2m_{200}^{(22)}m_{021}^{(00)}m_{121}^{(21)} + m_{200}^{(22)}m_{021}^{(00)}m_{112}^{(11)} - 2m_{200}^{(22)}m_{021}^{(00)}m_{031}^{(20)} - m_{200}^{(22)}m_{021}^{(00)}m_{022}^{(10)}\\
&-3m_{200}^{(22)}m_{021}^{(10)}m_{211}^{(21)} - m_{200}^{(22)}m_{021}^{(10)}m_{202}^{(11)} + 3m_{200}^{(22)}m_{021}^{(10)}m_{121}^{(20)} + m_{200}^{(22)}m_{021}^{(10)}m_{112}^{(10)}\\
&+m_{200}^{(22)}m_{021}^{(11)}m_{301}^{(21)} - m_{200}^{(22)}m_{021}^{(11)}m_{211}^{(20)} - m_{200}^{(22)}m_{021}^{(20)}m_{220}^{(21)} - m_{200}^{(22)}m_{021}^{(20)}m_{211}^{(11)}\\
&+m_{200}^{(22)}m_{021}^{(20)}m_{130}^{(20)} + m_{200}^{(22)}m_{021}^{(20)}m_{121}^{(10)} + m_{200}^{(22)}m_{021}^{(21)}m_{310}^{(21)} + m_{200}^{(22)}m_{021}^{(21)}m_{301}^{(11)}\\
&-m_{200}^{(22)}m_{021}^{(21)}m_{220}^{(20)} - m_{200}^{(22)}m_{021}^{(21)}m_{211}^{(10)} - m_{200}^{(22)}m_{012}^{(00)}m_{130}^{(21)} - 2m_{200}^{(22)}m_{012}^{(00)}m_{121}^{(11)}\\
&+m_{200}^{(22)}m_{012}^{(00)}m_{040}^{(20)} + 2m_{200}^{(22)}m_{012}^{(00)}m_{031}^{(10)} + 2m_{200}^{(22)}m_{012}^{(10)}m_{220}^{(21)} + 3m_{200}^{(22)}m_{012}^{(10)}m_{211}^{(11)}\\
&-2m_{200}^{(22)}m_{012}^{(10)}m_{130}^{(20)} - 3m_{200}^{(22)}m_{012}^{(10)}m_{121}^{(10)} - m_{200}^{(22)}m_{012}^{(11)}m_{310}^{(21)} - m_{200}^{(22)}m_{012}^{(11)}m_{301}^{(11)}\\
&+m_{200}^{(22)}m_{012}^{(11)}m_{220}^{(20)} + m_{200}^{(22)}m_{012}^{(11)}m_{211}^{(10)} + m_{200}^{(22)}m_{012}^{(20)}m_{220}^{(11)} - m_{200}^{(22)}m_{012}^{(20)}m_{130}^{(10)}\\
&-m_{200}^{(22)}m_{012}^{(21)}m_{310}^{(11)} + m_{200}^{(22)}m_{012}^{(21)}m_{220}^{(10)} + m_{200}^{(22)}m_{003}^{(00)}m_{130}^{(11)} - m_{200}^{(22)}m_{003}^{(00)}m_{040}^{(10)}\\
&-2m_{200}^{(22)}m_{003}^{(10)}m_{220}^{(11)} + 2m_{200}^{(22)}m_{003}^{(10)}m_{130}^{(10)} + m_{200}^{(22)}m_{003}^{(11)}m_{310}^{(11)} - m_{200}^{(22)}m_{003}^{(11)}m_{220}^{(10)}\\
&-2m_{110}^{(00)}m_{210}^{(11)}m_{013}^{(22)} + 2m_{110}^{(00)}m_{210}^{(11)}m_{004}^{(21)} + 4m_{110}^{(00)}m_{210}^{(21)}m_{022}^{(22)} - 4m_{110}^{(00)}m_{210}^{(21)}m_{013}^{(21)}\\
&-2m_{110}^{(00)}m_{210}^{(22)}m_{031}^{(22)} + 2m_{110}^{(00)}m_{210}^{(22)}m_{022}^{(21)} + m_{110}^{(00)}m_{201}^{(11)}m_{022}^{(22)} - m_{110}^{(00)}m_{201}^{(11)}m_{004}^{(11)}\\
&-2m_{110}^{(00)}m_{201}^{(21)}m_{031}^{(22)} + 2m_{110}^{(00)}m_{201}^{(21)}m_{013}^{(11)} + m_{110}^{(00)}m_{201}^{(22)}m_{040}^{(22)} - m_{110}^{(00)}m_{201}^{(22)}m_{022}^{(11)}\\
&+2m_{110}^{(00)}m_{120}^{(10)}m_{013}^{(22)} - 2m_{110}^{(00)}m_{120}^{(10)}m_{004}^{(21)} - 2m_{110}^{(00)}m_{120}^{(20)}m_{022}^{(22)} + 2m_{110}^{(00)}m_{120}^{(20)}m_{013}^{(21)}\\
&-2m_{110}^{(00)}m_{120}^{(21)}m_{112}^{(22)} + 2m_{110}^{(00)}m_{120}^{(21)}m_{103}^{(21)} + 2m_{110}^{(00)}m_{120}^{(22)}m_{121}^{(22)} - 2m_{110}^{(00)}m_{120}^{(22)}m_{112}^{(21)}\\
&-3m_{110}^{(00)}m_{111}^{(10)}m_{022}^{(22)} + 2m_{110}^{(00)}m_{111}^{(10)}m_{013}^{(21)} + m_{110}^{(00)}m_{111}^{(10)}m_{004}^{(11)} + 3m_{110}^{(00)}m_{111}^{(11)}m_{112}^{(22)}\\
&-3m_{110}^{(00)}m_{111}^{(11)}m_{103}^{(21)} + m_{110}^{(00)}m_{111}^{(11)}m_{013}^{(20)} - m_{110}^{(00)}m_{111}^{(11)}m_{004}^{(10)} + 3m_{110}^{(00)}m_{111}^{(20)}m_{031}^{(22)}\\
&-2m_{110}^{(00)}m_{111}^{(20)}m_{022}^{(21)} - m_{110}^{(00)}m_{111}^{(20)}m_{013}^{(11)} - 3m_{110}^{(00)}m_{111}^{(21)}m_{121}^{(22)} + 4m_{110}^{(00)}m_{111}^{(21)}m_{112}^{(21)}\\
&-m_{110}^{(00)}m_{111}^{(21)}m_{103}^{(11)} - 2m_{110}^{(00)}m_{111}^{(21)}m_{022}^{(20)} + 2m_{110}^{(00)}m_{111}^{(21)}m_{013}^{(10)} - m_{110}^{(00)}m_{111}^{(22)}m_{121}^{(21)}\\
&+m_{110}^{(00)}m_{111}^{(22)}m_{112}^{(11)} + m_{110}^{(00)}m_{111}^{(22)}m_{031}^{(20)} - m_{110}^{(00)}m_{111}^{(22)}m_{022}^{(10)} + m_{110}^{(00)}m_{102}^{(10)}m_{031}^{(22)}\\
&-m_{110}^{(00)}m_{102}^{(10)}m_{013}^{(11)} - m_{110}^{(00)}m_{102}^{(11)}m_{121}^{(22)} - m_{110}^{(00)}m_{102}^{(11)}m_{112}^{(21)} + 2m_{110}^{(00)}m_{102}^{(11)}m_{103}^{(11)}\\
&-m_{110}^{(00)}m_{102}^{(11)}m_{022}^{(20)} + m_{110}^{(00)}m_{102}^{(11)}m_{013}^{(10)} - m_{110}^{(00)}m_{102}^{(20)}m_{040}^{(22)} + m_{110}^{(00)}m_{102}^{(20)}m_{022}^{(11)}\\
&+m_{110}^{(00)}m_{102}^{(21)}m_{130}^{(22)} + 2m_{110}^{(00)}m_{102}^{(21)}m_{121}^{(21)} - 3m_{110}^{(00)}m_{102}^{(21)}m_{112}^{(11)} + 2m_{110}^{(00)}m_{102}^{(21)}m_{031}^{(20)}\\
&-2m_{110}^{(00)}m_{102}^{(21)}m_{022}^{(10)} - m_{110}^{(00)}m_{102}^{(22)}m_{130}^{(21)} + m_{110}^{(00)}m_{102}^{(22)}m_{121}^{(11)} - m_{110}^{(00)}m_{102}^{(22)}m_{040}^{(20)}\\
&+m_{110}^{(00)}m_{102}^{(22)}m_{031}^{(10)} - m_{110}^{(00)}m_{021}^{(10)}m_{112}^{(22)} + m_{110}^{(00)}m_{021}^{(10)}m_{103}^{(21)} - m_{110}^{(00)}m_{021}^{(10)}m_{013}^{(20)}\\
&+m_{110}^{(00)}m_{021}^{(10)}m_{004}^{(10)} + m_{110}^{(00)}m_{021}^{(20)}m_{121}^{(22)} - m_{110}^{(00)}m_{021}^{(20)}m_{112}^{(21)} + m_{110}^{(00)}m_{021}^{(20)}m_{022}^{(20)}\\
&-m_{110}^{(00)}m_{021}^{(20)}m_{013}^{(10)} + m_{110}^{(00)}m_{021}^{(21)}m_{211}^{(22)} - m_{110}^{(00)}m_{021}^{(21)}m_{202}^{(21)} + m_{110}^{(00)}m_{021}^{(21)}m_{112}^{(20)}\\
&-m_{110}^{(00)}m_{021}^{(21)}m_{103}^{(10)} - m_{110}^{(00)}m_{021}^{(22)}m_{220}^{(22)} + m_{110}^{(00)}m_{021}^{(22)}m_{211}^{(21)} - m_{110}^{(00)}m_{021}^{(22)}m_{121}^{(20)}\\
&+m_{110}^{(00)}m_{021}^{(22)}m_{112}^{(10)} + m_{110}^{(00)}m_{012}^{(10)}m_{121}^{(22)} - m_{110}^{(00)}m_{012}^{(10)}m_{103}^{(11)} + 2m_{110}^{(00)}m_{012}^{(10)}m_{022}^{(20)}\\
&-2m_{110}^{(00)}m_{012}^{(10)}m_{013}^{(10)} - m_{110}^{(00)}m_{012}^{(11)}m_{211}^{(22)} + m_{110}^{(00)}m_{012}^{(11)}m_{202}^{(21)} - m_{110}^{(00)}m_{012}^{(11)}m_{112}^{(20)}
\end{aligned}
$$

$$+m_{110}^{(00)}m_{012}^{(11)}m_{103}^{(10)} - m_{110}^{(00)}m_{012}^{(20)}m_{130}^{(22)} + m_{110}^{(00)}m_{012}^{(20)}m_{112}^{(11)} - 2m_{110}^{(00)}m_{012}^{(20)}m_{031}^{(20)}$$
$$+2m_{110}^{(00)}m_{012}^{(20)}m_{022}^{(10)} + m_{110}^{(00)}m_{012}^{(21)}m_{220}^{(22)} - 2m_{110}^{(00)}m_{012}^{(21)}m_{211}^{(21)} + m_{110}^{(00)}m_{012}^{(21)}m_{202}^{(11)}$$
$$+m_{110}^{(00)}m_{012}^{(22)}m_{220}^{(21)} - m_{110}^{(00)}m_{012}^{(22)}m_{211}^{(11)} + m_{110}^{(00)}m_{012}^{(22)}m_{130}^{(20)} - m_{110}^{(00)}m_{012}^{(22)}m_{121}^{(10)}$$
$$-m_{110}^{(00)}m_{003}^{(10)}m_{121}^{(21)} + m_{110}^{(00)}m_{003}^{(10)}m_{112}^{(11)} - m_{110}^{(00)}m_{003}^{(10)}m_{031}^{(20)} + m_{110}^{(00)}m_{003}^{(10)}m_{022}^{(10)}$$
$$+m_{110}^{(00)}m_{003}^{(11)}m_{211}^{(21)} - m_{110}^{(00)}m_{003}^{(11)}m_{202}^{(11)} + m_{110}^{(00)}m_{003}^{(11)}m_{121}^{(20)} - m_{110}^{(00)}m_{003}^{(11)}m_{112}^{(10)}$$
$$+m_{110}^{(00)}m_{003}^{(20)}m_{130}^{(21)} - m_{110}^{(00)}m_{003}^{(20)}m_{121}^{(11)} + m_{110}^{(00)}m_{003}^{(20)}m_{040}^{(20)} - m_{110}^{(00)}m_{003}^{(20)}m_{031}^{(10)}$$
$$-m_{110}^{(00)}m_{003}^{(21)}m_{220}^{(21)} + m_{110}^{(00)}m_{003}^{(21)}m_{211}^{(11)} - m_{110}^{(00)}m_{003}^{(21)}m_{130}^{(20)} + m_{110}^{(00)}m_{003}^{(21)}m_{121}^{(10)}$$
$$+2m_{110}^{(10)}m_{210}^{(10)}m_{013}^{(22)} - 2m_{110}^{(10)}m_{210}^{(10)}m_{004}^{(21)} + 2m_{110}^{(10)}m_{210}^{(11)}m_{103}^{(22)} - 2m_{110}^{(10)}m_{210}^{(11)}m_{004}^{(20)}$$
$$-2m_{110}^{(10)}m_{210}^{(20)}m_{022}^{(22)} + 2m_{110}^{(10)}m_{210}^{(20)}m_{013}^{(21)} - 6m_{110}^{(10)}m_{210}^{(21)}m_{112}^{(22)} + 2m_{110}^{(10)}m_{210}^{(21)}m_{103}^{(21)}$$
$$+4m_{110}^{(10)}m_{210}^{(21)}m_{013}^{(20)} + 4m_{110}^{(10)}m_{210}^{(22)}m_{121}^{(22)} - 2m_{110}^{(10)}m_{210}^{(22)}m_{112}^{(21)} - 2m_{110}^{(10)}m_{210}^{(22)}m_{022}^{(20)}$$
$$-m_{110}^{(10)}m_{201}^{(10)}m_{022}^{(22)} + m_{110}^{(10)}m_{201}^{(10)}m_{004}^{(11)} - m_{110}^{(10)}m_{201}^{(11)}m_{112}^{(22)} - m_{110}^{(10)}m_{201}^{(11)}m_{103}^{(21)}$$
$$+m_{110}^{(10)}m_{201}^{(11)}m_{013}^{(20)} + m_{110}^{(10)}m_{201}^{(11)}m_{004}^{(10)} + m_{110}^{(10)}m_{201}^{(20)}m_{031}^{(22)} - m_{110}^{(10)}m_{201}^{(20)}m_{013}^{(11)}$$
$$+3m_{110}^{(10)}m_{201}^{(21)}m_{121}^{(22)} + 2m_{110}^{(10)}m_{201}^{(21)}m_{112}^{(21)} - m_{110}^{(10)}m_{201}^{(21)}m_{103}^{(11)} - 2m_{110}^{(10)}m_{201}^{(21)}m_{022}^{(20)}$$
$$-2m_{110}^{(10)}m_{201}^{(21)}m_{013}^{(10)} - 2m_{110}^{(10)}m_{201}^{(22)}m_{130}^{(22)} - m_{110}^{(10)}m_{201}^{(22)}m_{121}^{(21)} + m_{110}^{(10)}m_{201}^{(22)}m_{112}^{(11)}$$
$$+m_{110}^{(10)}m_{201}^{(22)}m_{031}^{(20)} + m_{110}^{(10)}m_{201}^{(22)}m_{022}^{(10)} - 2m_{110}^{(10)}m_{120}^{(00)}m_{013}^{(22)} + 2m_{110}^{(10)}m_{120}^{(00)}m_{004}^{(21)}$$
$$-2m_{110}^{(10)}m_{120}^{(10)}m_{103}^{(22)} + 2m_{110}^{(10)}m_{120}^{(10)}m_{004}^{(20)} + 6m_{110}^{(10)}m_{120}^{(20)}m_{112}^{(22)} - 4m_{110}^{(10)}m_{120}^{(20)}m_{103}^{(21)}$$
$$-2m_{110}^{(10)}m_{120}^{(20)}m_{013}^{(20)} + 2m_{110}^{(10)}m_{120}^{(21)}m_{202}^{(22)} - 2m_{110}^{(10)}m_{120}^{(21)}m_{103}^{(20)} - 4m_{110}^{(10)}m_{120}^{(22)}m_{211}^{(22)}$$
$$+2m_{110}^{(10)}m_{120}^{(22)}m_{202}^{(21)} + 2m_{110}^{(10)}m_{120}^{(22)}m_{112}^{(20)} + 3m_{110}^{(10)}m_{111}^{(00)}m_{022}^{(22)} - 2m_{110}^{(10)}m_{111}^{(00)}m_{013}^{(21)}$$
$$-m_{110}^{(10)}m_{111}^{(00)}m_{004}^{(11)} + 4m_{110}^{(10)}m_{111}^{(10)}m_{103}^{(21)} - 4m_{110}^{(10)}m_{111}^{(10)}m_{013}^{(20)} - 3m_{110}^{(10)}m_{111}^{(11)}m_{202}^{(22)}$$
$$+2m_{110}^{(10)}m_{111}^{(11)}m_{103}^{(20)} + m_{110}^{(10)}m_{111}^{(11)}m_{004}^{(00)} - 6m_{110}^{(10)}m_{111}^{(20)}m_{121}^{(22)} + 2m_{110}^{(10)}m_{111}^{(20)}m_{103}^{(11)}$$
$$+4m_{110}^{(10)}m_{111}^{(20)}m_{022}^{(20)} + 6m_{110}^{(10)}m_{111}^{(21)}m_{211}^{(22)} - 4m_{110}^{(10)}m_{111}^{(21)}m_{202}^{(21)} - 2m_{110}^{(10)}m_{111}^{(21)}m_{013}^{(00)}$$
$$+2m_{110}^{(10)}m_{111}^{(22)}m_{211}^{(21)} - m_{110}^{(10)}m_{111}^{(22)}m_{202}^{(11)} - 2m_{110}^{(10)}m_{111}^{(22)}m_{121}^{(20)} + m_{110}^{(10)}m_{111}^{(22)}m_{022}^{(00)}$$
$$-m_{110}^{(10)}m_{102}^{(00)}m_{031}^{(22)} + m_{110}^{(10)}m_{102}^{(00)}m_{013}^{(11)} - 2m_{110}^{(10)}m_{102}^{(10)}m_{103}^{(11)} + 2m_{110}^{(10)}m_{102}^{(10)}m_{022}^{(20)}$$
$$+m_{110}^{(10)}m_{102}^{(11)}m_{211}^{(22)} + 2m_{110}^{(10)}m_{102}^{(11)}m_{202}^{(21)} - 2m_{110}^{(10)}m_{102}^{(11)}m_{103}^{(10)} - m_{110}^{(10)}m_{102}^{(11)}m_{013}^{(00)}$$
$$+2m_{110}^{(10)}m_{102}^{(20)}m_{130}^{(22)} - 2m_{110}^{(10)}m_{102}^{(20)}m_{031}^{(20)} - 2m_{110}^{(10)}m_{102}^{(21)}m_{220}^{(22)} - 4m_{110}^{(10)}m_{102}^{(21)}m_{211}^{(21)}$$
$$+2m_{110}^{(10)}m_{102}^{(21)}m_{202}^{(11)} - 2m_{110}^{(10)}m_{102}^{(21)}m_{121}^{(20)} + 4m_{110}^{(10)}m_{102}^{(21)}m_{112}^{(10)} + 2m_{110}^{(10)}m_{102}^{(21)}m_{022}^{(00)}$$
$$+2m_{110}^{(10)}m_{102}^{(22)}m_{220}^{(21)} - m_{110}^{(10)}m_{102}^{(22)}m_{211}^{(11)} + 2m_{110}^{(10)}m_{102}^{(22)}m_{130}^{(20)} - 2m_{110}^{(10)}m_{102}^{(22)}m_{121}^{(10)}$$
$$-m_{110}^{(10)}m_{102}^{(22)}m_{031}^{(00)} + m_{110}^{(10)}m_{021}^{(00)}m_{112}^{(22)} - m_{110}^{(10)}m_{021}^{(00)}m_{103}^{(21)} + m_{110}^{(10)}m_{021}^{(00)}m_{013}^{(20)}$$
$$-m_{110}^{(10)}m_{021}^{(00)}m_{004}^{(10)} + m_{110}^{(10)}m_{021}^{(10)}m_{202}^{(22)} - m_{110}^{(10)}m_{021}^{(10)}m_{004}^{(00)} - 3m_{110}^{(10)}m_{021}^{(20)}m_{211}^{(22)}$$
$$+2m_{110}^{(10)}m_{021}^{(20)}m_{202}^{(21)} - 2m_{110}^{(10)}m_{021}^{(20)}m_{112}^{(20)} + 2m_{110}^{(10)}m_{021}^{(20)}m_{103}^{(10)} + m_{110}^{(10)}m_{021}^{(20)}m_{013}^{(00)}$$
$$-m_{110}^{(10)}m_{021}^{(21)}m_{301}^{(22)} + m_{110}^{(10)}m_{021}^{(21)}m_{103}^{(00)} + 2m_{110}^{(10)}m_{021}^{(22)}m_{310}^{(22)} - m_{110}^{(10)}m_{021}^{(22)}m_{301}^{(21)}$$
$$+m_{110}^{(10)}m_{021}^{(22)}m_{211}^{(20)} - m_{110}^{(10)}m_{021}^{(22)}m_{202}^{(10)} - m_{110}^{(10)}m_{021}^{(22)}m_{112}^{(00)} - m_{110}^{(10)}m_{012}^{(00)}m_{121}^{(22)}$$
$$+m_{110}^{(10)}m_{012}^{(00)}m_{103}^{(11)} - 2m_{110}^{(10)}m_{012}^{(00)}m_{022}^{(20)} + 2m_{110}^{(10)}m_{012}^{(00)}m_{013}^{(10)} - 2m_{110}^{(10)}m_{012}^{(10)}m_{202}^{(21)}$$
$$+2m_{110}^{(10)}m_{012}^{(10)}m_{013}^{(00)} + m_{110}^{(10)}m_{012}^{(11)}m_{301}^{(22)} - m_{110}^{(10)}m_{012}^{(11)}m_{103}^{(00)} + 2m_{110}^{(10)}m_{012}^{(20)}m_{220}^{(22)}$$
$$+2m_{110}^{(10)}m_{012}^{(20)}m_{211}^{(21)} - 2m_{110}^{(10)}m_{012}^{(20)}m_{202}^{(11)} + 4m_{110}^{(10)}m_{012}^{(20)}m_{121}^{(20)} - 4m_{110}^{(10)}m_{012}^{(20)}m_{112}^{(10)}$$
$$-2m_{110}^{(10)}m_{012}^{(20)}m_{022}^{(00)} - 2m_{110}^{(10)}m_{012}^{(21)}m_{310}^{(22)} + 2m_{110}^{(10)}m_{012}^{(21)}m_{301}^{(21)} - 2m_{110}^{(10)}m_{012}^{(22)}m_{310}^{(21)}$$
$$+m_{110}^{(10)}m_{012}^{(22)}m_{301}^{(11)} - 2m_{110}^{(10)}m_{012}^{(22)}m_{220}^{(20)} + 2m_{110}^{(10)}m_{012}^{(22)}m_{211}^{(10)} + m_{110}^{(10)}m_{012}^{(22)}m_{121}^{(00)}$$
$$+m_{110}^{(10)}m_{003}^{(00)}m_{121}^{(21)} - m_{110}^{(10)}m_{003}^{(00)}m_{112}^{(11)} + m_{110}^{(10)}m_{003}^{(00)}m_{031}^{(20)} - m_{110}^{(10)}m_{003}^{(00)}m_{022}^{(10)}$$

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\begin{aligned}
&+m_{110}^{(10)}m_{003}^{(10)}m_{202}^{(11)} - m_{110}^{(10)}m_{003}^{(10)}m_{022}^{(00)} - m_{110}^{(10)}m_{003}^{(11)}m_{301}^{(21)} - m_{110}^{(10)}m_{003}^{(11)}m_{211}^{(20)}\\
&+m_{110}^{(10)}m_{003}^{(11)}m_{202}^{(10)} + m_{110}^{(10)}m_{003}^{(11)}m_{112}^{(00)} - 2m_{110}^{(10)}m_{003}^{(20)}m_{220}^{(21)} + m_{110}^{(10)}m_{003}^{(20)}m_{211}^{(11)}\\
&-2m_{110}^{(10)}m_{003}^{(20)}m_{130}^{(20)} + 2m_{110}^{(10)}m_{003}^{(20)}m_{121}^{(10)} + m_{110}^{(10)}m_{003}^{(20)}m_{031}^{(00)} + 2m_{110}^{(10)}m_{003}^{(21)}m_{310}^{(21)}\\
&-m_{110}^{(10)}m_{003}^{(21)}m_{301}^{(11)} + 2m_{110}^{(10)}m_{003}^{(21)}m_{220}^{(20)} - 2m_{110}^{(10)}m_{003}^{(21)}m_{211}^{(10)} - m_{110}^{(10)}m_{003}^{(21)}m_{121}^{(00)}\\
&-2m_{110}^{(11)}m_{210}^{(10)}m_{103}^{(22)} + 2m_{110}^{(11)}m_{210}^{(10)}m_{004}^{(20)} + 2m_{110}^{(11)}m_{210}^{(20)}m_{112}^{(22)} - 2m_{110}^{(11)}m_{210}^{(20)}m_{013}^{(20)}\\
&+2m_{110}^{(11)}m_{210}^{(21)}m_{202}^{(22)} - 2m_{110}^{(11)}m_{210}^{(21)}m_{103}^{(20)} - 2m_{110}^{(11)}m_{210}^{(22)}m_{211}^{(22)} + 2m_{110}^{(11)}m_{210}^{(22)}m_{112}^{(20)}\\
&+m_{110}^{(11)}m_{201}^{(10)}m_{112}^{(22)} + m_{110}^{(11)}m_{201}^{(10)}m_{103}^{(21)} - m_{110}^{(11)}m_{201}^{(10)}m_{013}^{(20)} - m_{110}^{(11)}m_{201}^{(10)}m_{004}^{(10)}\\
&-m_{110}^{(11)}m_{201}^{(20)}m_{121}^{(22)} - m_{110}^{(11)}m_{201}^{(20)}m_{112}^{(21)} + m_{110}^{(11)}m_{201}^{(20)}m_{022}^{(20)} + m_{110}^{(11)}m_{201}^{(20)}m_{013}^{(10)}\\
&-m_{110}^{(11)}m_{201}^{(21)}m_{211}^{(22)} - m_{110}^{(11)}m_{201}^{(21)}m_{202}^{(21)} + m_{110}^{(11)}m_{201}^{(21)}m_{112}^{(20)} + m_{110}^{(11)}m_{201}^{(21)}m_{103}^{(10)}\\
&+m_{110}^{(11)}m_{201}^{(22)}m_{220}^{(22)} + m_{110}^{(11)}m_{201}^{(22)}m_{211}^{(21)} - m_{110}^{(11)}m_{201}^{(22)}m_{121}^{(20)} - m_{110}^{(11)}m_{201}^{(22)}m_{112}^{(10)}\\
&+2m_{110}^{(11)}m_{120}^{(00)}m_{103}^{(22)} - 2m_{110}^{(11)}m_{120}^{(00)}m_{004}^{(20)} - 4m_{110}^{(11)}m_{120}^{(20)}m_{202}^{(22)} + 4m_{110}^{(11)}m_{120}^{(20)}m_{103}^{(20)}\\
&+2m_{110}^{(11)}m_{120}^{(22)}m_{301}^{(22)} - 2m_{110}^{(11)}m_{120}^{(22)}m_{202}^{(20)} - 3m_{110}^{(11)}m_{111}^{(00)}m_{112}^{(22)} - m_{110}^{(11)}m_{111}^{(00)}m_{103}^{(21)}\\
&+3m_{110}^{(11)}m_{111}^{(00)}m_{013}^{(20)} + m_{110}^{(11)}m_{111}^{(00)}m_{004}^{(10)} + 3m_{110}^{(11)}m_{111}^{(10)}m_{202}^{(22)} - 2m_{110}^{(11)}m_{111}^{(10)}m_{103}^{(20)}\\
&-m_{110}^{(11)}m_{111}^{(10)}m_{004}^{(00)} + 3m_{110}^{(11)}m_{111}^{(20)}m_{211}^{(22)} + 2m_{110}^{(11)}m_{111}^{(20)}m_{202}^{(21)} - 4m_{110}^{(11)}m_{111}^{(20)}m_{112}^{(20)}\\
&-2m_{110}^{(11)}m_{111}^{(20)}m_{103}^{(10)} + m_{110}^{(11)}m_{111}^{(20)}m_{013}^{(00)} - 3m_{110}^{(11)}m_{111}^{(21)}m_{301}^{(22)} + 2m_{110}^{(11)}m_{111}^{(21)}m_{202}^{(20)}\\
&+m_{110}^{(11)}m_{111}^{(21)}m_{103}^{(00)} - m_{110}^{(11)}m_{111}^{(22)}m_{301}^{(21)} + m_{110}^{(11)}m_{111}^{(22)}m_{211}^{(20)} + m_{110}^{(11)}m_{111}^{(22)}m_{202}^{(10)}\\
&-m_{110}^{(11)}m_{111}^{(22)}m_{112}^{(00)} + m_{110}^{(11)}m_{102}^{(00)}m_{121}^{(22)} + m_{110}^{(11)}m_{102}^{(00)}m_{112}^{(21)} - m_{110}^{(11)}m_{102}^{(00)}m_{022}^{(20)}\\
&-m_{110}^{(11)}m_{102}^{(00)}m_{013}^{(10)} - m_{110}^{(11)}m_{102}^{(10)}m_{211}^{(22)} - 2m_{110}^{(11)}m_{102}^{(10)}m_{202}^{(21)} + 2m_{110}^{(11)}m_{102}^{(10)}m_{103}^{(10)}\\
&+m_{110}^{(11)}m_{102}^{(10)}m_{013}^{(00)} - m_{110}^{(11)}m_{102}^{(20)}m_{220}^{(22)} + 2m_{110}^{(11)}m_{102}^{(20)}m_{121}^{(20)} - m_{110}^{(11)}m_{102}^{(20)}m_{022}^{(00)}\\
&+m_{110}^{(11)}m_{102}^{(21)}m_{310}^{(22)} + 2m_{110}^{(11)}m_{102}^{(21)}m_{301}^{(21)} - 2m_{110}^{(11)}m_{102}^{(21)}m_{202}^{(10)} - m_{110}^{(11)}m_{102}^{(21)}m_{112}^{(00)}\\
&-m_{110}^{(11)}m_{102}^{(22)}m_{310}^{(21)} - m_{110}^{(11)}m_{102}^{(22)}m_{220}^{(20)} + m_{110}^{(11)}m_{102}^{(22)}m_{211}^{(10)} + m_{110}^{(11)}m_{102}^{(22)}m_{121}^{(00)}\\
&-m_{110}^{(11)}m_{021}^{(00)}m_{202}^{(22)} + m_{110}^{(11)}m_{021}^{(00)}m_{004}^{(00)} + 2m_{110}^{(11)}m_{021}^{(20)}m_{301}^{(22)} - 2m_{110}^{(11)}m_{021}^{(20)}m_{103}^{(00)}\\
&-m_{110}^{(11)}m_{021}^{(22)}m_{400}^{(22)} + m_{110}^{(11)}m_{021}^{(22)}m_{202}^{(00)} + m_{110}^{(11)}m_{012}^{(00)}m_{211}^{(22)} + m_{110}^{(11)}m_{012}^{(00)}m_{202}^{(21)}\\
&+m_{110}^{(11)}m_{012}^{(00)}m_{112}^{(20)} - m_{110}^{(11)}m_{012}^{(00)}m_{103}^{(10)} - 2m_{110}^{(11)}m_{012}^{(00)}m_{013}^{(00)} - m_{110}^{(11)}m_{012}^{(10)}m_{301}^{(22)}\\
&+m_{110}^{(11)}m_{012}^{(10)}m_{103}^{(00)} - m_{110}^{(11)}m_{012}^{(20)}m_{310}^{(22)} - 2m_{110}^{(11)}m_{012}^{(20)}m_{301}^{(21)} - 2m_{110}^{(11)}m_{012}^{(20)}m_{211}^{(20)}\\
&+2m_{110}^{(11)}m_{012}^{(20)}m_{202}^{(10)} + 3m_{110}^{(11)}m_{012}^{(20)}m_{112}^{(00)} + m_{110}^{(11)}m_{012}^{(21)}m_{400}^{(22)} - m_{110}^{(11)}m_{012}^{(21)}m_{202}^{(00)}\\
&+m_{110}^{(11)}m_{012}^{(22)}m_{400}^{(21)} + m_{110}^{(11)}m_{012}^{(22)}m_{310}^{(20)} - m_{110}^{(11)}m_{012}^{(22)}m_{301}^{(10)} - m_{110}^{(11)}m_{012}^{(22)}m_{211}^{(00)}\\
&-m_{110}^{(11)}m_{003}^{(00)}m_{211}^{(21)} - m_{110}^{(11)}m_{003}^{(00)}m_{121}^{(20)} + m_{110}^{(11)}m_{003}^{(00)}m_{112}^{(10)} + m_{110}^{(11)}m_{003}^{(00)}m_{022}^{(00)}\\
&+m_{110}^{(11)}m_{003}^{(10)}m_{301}^{(21)} + m_{110}^{(11)}m_{003}^{(10)}m_{211}^{(20)} - m_{110}^{(11)}m_{003}^{(10)}m_{202}^{(10)} - m_{110}^{(11)}m_{003}^{(10)}m_{112}^{(00)}\\
&+m_{110}^{(11)}m_{003}^{(20)}m_{310}^{(21)} + m_{110}^{(11)}m_{003}^{(20)}m_{220}^{(20)} - m_{110}^{(11)}m_{003}^{(20)}m_{211}^{(10)} - m_{110}^{(11)}m_{003}^{(20)}m_{121}^{(00)}\\
&-m_{110}^{(11)}m_{003}^{(21)}m_{400}^{(21)} - m_{110}^{(11)}m_{003}^{(21)}m_{310}^{(20)} + m_{110}^{(11)}m_{003}^{(21)}m_{301}^{(10)} + m_{110}^{(11)}m_{003}^{(21)}m_{211}^{(00)}\\
&-2m_{110}^{(20)}m_{210}^{(10)}m_{022}^{(22)} + 2m_{110}^{(20)}m_{210}^{(10)}m_{013}^{(21)} + 2m_{110}^{(20)}m_{210}^{(11)}m_{112}^{(22)} - 4m_{110}^{(20)}m_{210}^{(11)}m_{103}^{(21)}\\
&+2m_{110}^{(20)}m_{210}^{(11)}m_{013}^{(20)} + 2m_{110}^{(20)}m_{210}^{(20)}m_{031}^{(22)} - 2m_{110}^{(20)}m_{210}^{(20)}m_{022}^{(21)} - 2m_{110}^{(20)}m_{210}^{(21)}m_{121}^{(22)}\\
&+6m_{110}^{(20)}m_{210}^{(21)}m_{112}^{(21)} - 4m_{110}^{(20)}m_{210}^{(21)}m_{022}^{(20)} - 2m_{110}^{(20)}m_{210}^{(22)}m_{121}^{(21)} + 2m_{110}^{(20)}m_{210}^{(22)}m_{031}^{(20)}\\
&+m_{110}^{(20)}m_{201}^{(10)}m_{031}^{(22)} - m_{110}^{(20)}m_{201}^{(10)}m_{013}^{(11)} - m_{110}^{(20)}m_{201}^{(11)}m_{121}^{(22)} + m_{110}^{(20)}m_{201}^{(11)}m_{112}^{(21)}\\
&+2m_{110}^{(20)}m_{201}^{(11)}m_{103}^{(11)} - m_{110}^{(20)}m_{201}^{(11)}m_{022}^{(20)} - m_{110}^{(20)}m_{201}^{(11)}m_{013}^{(10)} - m_{110}^{(20)}m_{201}^{(20)}m_{040}^{(22)}\\
&+m_{110}^{(20)}m_{201}^{(20)}m_{022}^{(11)} + m_{110}^{(20)}m_{201}^{(21)}m_{130}^{(22)} - 2m_{110}^{(20)}m_{201}^{(21)}m_{121}^{(21)} - 3m_{110}^{(20)}m_{201}^{(21)}m_{112}^{(11)}\\
&+2m_{110}^{(20)}m_{201}^{(21)}m_{031}^{(20)} + 2m_{110}^{(20)}m_{201}^{(21)}m_{022}^{(10)} + m_{110}^{(20)}m_{201}^{(22)}m_{130}^{(21)} + m_{110}^{(20)}m_{201}^{(22)}m_{121}^{(11)}
\end{aligned}
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\begin{aligned}
&-m_{110}^{(20)}m_{201}^{(22)}m_{040}^{(20)} - m_{110}^{(20)}m_{201}^{(22)}m_{031}^{(10)} + 2m_{110}^{(20)}m_{120}^{(00)}m_{022}^{(22)} - 2m_{110}^{(20)}m_{120}^{(00)}m_{013}^{(21)}\\
&-2m_{110}^{(20)}m_{120}^{(10)}m_{112}^{(22)} + 4m_{110}^{(20)}m_{120}^{(10)}m_{103}^{(21)} - 2m_{110}^{(20)}m_{120}^{(10)}m_{013}^{(20)} - 2m_{110}^{(20)}m_{120}^{(20)}m_{121}^{(22)}\\
&+2m_{110}^{(20)}m_{120}^{(20)}m_{022}^{(20)} + 2m_{110}^{(20)}m_{120}^{(21)}m_{211}^{(22)} - 4m_{110}^{(20)}m_{120}^{(21)}m_{202}^{(21)} + 2m_{110}^{(20)}m_{120}^{(21)}m_{112}^{(20)}\\
&+2m_{110}^{(20)}m_{120}^{(22)}m_{211}^{(21)} - 2m_{110}^{(20)}m_{120}^{(22)}m_{121}^{(20)} - 3m_{110}^{(20)}m_{111}^{(00)}m_{031}^{(22)} + 2m_{110}^{(20)}m_{111}^{(00)}m_{022}^{(21)}\\
&+m_{110}^{(20)}m_{111}^{(00)}m_{013}^{(11)} + 6m_{110}^{(20)}m_{111}^{(10)}m_{121}^{(22)} - 8m_{110}^{(20)}m_{111}^{(10)}m_{112}^{(21)} - 2m_{110}^{(20)}m_{111}^{(10)}m_{103}^{(11)}\\
&+4m_{110}^{(20)}m_{111}^{(10)}m_{022}^{(20)} - 3m_{110}^{(20)}m_{111}^{(11)}m_{211}^{(22)} + 6m_{110}^{(20)}m_{111}^{(11)}m_{202}^{(21)} - 4m_{110}^{(20)}m_{111}^{(11)}m_{112}^{(20)}\\
&+2m_{110}^{(20)}m_{111}^{(11)}m_{103}^{(10)} - m_{110}^{(20)}m_{111}^{(11)}m_{013}^{(00)} + 4m_{110}^{(20)}m_{111}^{(20)}m_{121}^{(21)} - 4m_{110}^{(20)}m_{111}^{(20)}m_{031}^{(20)}\\
&-4m_{110}^{(20)}m_{111}^{(21)}m_{211}^{(21)} + 2m_{110}^{(20)}m_{111}^{(21)}m_{202}^{(11)} + 4m_{110}^{(20)}m_{111}^{(21)}m_{121}^{(20)} - 4m_{110}^{(20)}m_{111}^{(21)}m_{112}^{(10)}\\
&+2m_{110}^{(20)}m_{111}^{(21)}m_{022}^{(00)} - m_{110}^{(20)}m_{111}^{(22)}m_{211}^{(11)} + 2m_{110}^{(20)}m_{111}^{(22)}m_{121}^{(10)} - m_{110}^{(20)}m_{111}^{(22)}m_{031}^{(00)}\\
&+m_{110}^{(20)}m_{102}^{(00)}m_{040}^{(22)} - m_{110}^{(20)}m_{102}^{(00)}m_{022}^{(11)} - 2m_{110}^{(20)}m_{102}^{(10)}m_{130}^{(22)} + 4m_{110}^{(20)}m_{102}^{(10)}m_{112}^{(11)}\\
&-2m_{110}^{(20)}m_{102}^{(10)}m_{031}^{(20)} + m_{110}^{(20)}m_{102}^{(11)}m_{220}^{(22)} - 4m_{110}^{(20)}m_{102}^{(11)}m_{202}^{(11)} + 2m_{110}^{(20)}m_{102}^{(11)}m_{121}^{(20)}\\
&+m_{110}^{(20)}m_{102}^{(11)}m_{022}^{(00)} - 2m_{110}^{(20)}m_{102}^{(20)}m_{121}^{(11)} + 2m_{110}^{(20)}m_{102}^{(20)}m_{040}^{(20)} + 4m_{110}^{(20)}m_{102}^{(21)}m_{211}^{(11)}\\
&-2m_{110}^{(20)}m_{102}^{(21)}m_{130}^{(20)} - 2m_{110}^{(20)}m_{102}^{(21)}m_{031}^{(00)} - m_{110}^{(20)}m_{102}^{(22)}m_{220}^{(11)} + m_{110}^{(20)}m_{102}^{(22)}m_{040}^{(00)}\\
&-m_{110}^{(20)}m_{021}^{(00)}m_{121}^{(22)} + m_{110}^{(20)}m_{021}^{(00)}m_{112}^{(21)} - m_{110}^{(20)}m_{021}^{(00)}m_{022}^{(20)} + m_{110}^{(20)}m_{021}^{(00)}m_{013}^{(10)}\\
&+m_{110}^{(20)}m_{021}^{(10)}m_{211}^{(22)} - 2m_{110}^{(20)}m_{021}^{(10)}m_{202}^{(21)} + 2m_{110}^{(20)}m_{021}^{(10)}m_{112}^{(20)} - 2m_{110}^{(20)}m_{021}^{(10)}m_{103}^{(10)}\\
&+m_{110}^{(20)}m_{021}^{(10)}m_{013}^{(00)} + m_{110}^{(20)}m_{021}^{(20)}m_{220}^{(22)} - m_{110}^{(20)}m_{021}^{(20)}m_{022}^{(00)} - m_{110}^{(20)}m_{021}^{(21)}m_{310}^{(22)}\\
&+2m_{110}^{(20)}m_{021}^{(21)}m_{301}^{(21)} - 2m_{110}^{(20)}m_{021}^{(21)}m_{211}^{(20)} + 2m_{110}^{(20)}m_{021}^{(21)}m_{202}^{(10)} - m_{110}^{(20)}m_{021}^{(21)}m_{112}^{(00)}\\
&-m_{110}^{(20)}m_{021}^{(22)}m_{310}^{(21)} + m_{110}^{(20)}m_{021}^{(22)}m_{220}^{(20)} - m_{110}^{(20)}m_{021}^{(22)}m_{211}^{(10)} + m_{110}^{(20)}m_{021}^{(22)}m_{121}^{(00)}\\
&+m_{110}^{(20)}m_{012}^{(00)}m_{130}^{(22)} - m_{110}^{(20)}m_{012}^{(00)}m_{112}^{(11)} + 2m_{110}^{(20)}m_{012}^{(00)}m_{031}^{(20)} - 2m_{110}^{(20)}m_{012}^{(00)}m_{022}^{(10)}\\
&-2m_{110}^{(20)}m_{012}^{(10)}m_{220}^{(22)} + 2m_{110}^{(20)}m_{012}^{(10)}m_{211}^{(21)} + 2m_{110}^{(20)}m_{012}^{(10)}m_{202}^{(11)} - 4m_{110}^{(20)}m_{012}^{(10)}m_{121}^{(20)}\\
&+4m_{110}^{(20)}m_{012}^{(10)}m_{112}^{(10)} - 2m_{110}^{(20)}m_{012}^{(10)}m_{022}^{(00)} + m_{110}^{(20)}m_{012}^{(11)}m_{310}^{(22)} - 2m_{110}^{(20)}m_{012}^{(11)}m_{301}^{(21)}\\
&+2m_{110}^{(20)}m_{012}^{(11)}m_{211}^{(20)} - 2m_{110}^{(20)}m_{012}^{(11)}m_{202}^{(10)} + m_{110}^{(20)}m_{012}^{(11)}m_{112}^{(00)} - 2m_{110}^{(20)}m_{012}^{(20)}m_{220}^{(21)}\\
&+2m_{110}^{(20)}m_{012}^{(20)}m_{031}^{(00)} + 2m_{110}^{(20)}m_{012}^{(21)}m_{310}^{(21)} - 2m_{110}^{(20)}m_{012}^{(21)}m_{301}^{(11)} + m_{110}^{(20)}m_{012}^{(22)}m_{310}^{(11)}\\
&-m_{110}^{(20)}m_{012}^{(22)}m_{130}^{(00)} - m_{110}^{(20)}m_{003}^{(00)}m_{130}^{(21)} + m_{110}^{(20)}m_{003}^{(00)}m_{121}^{(11)} - m_{110}^{(20)}m_{003}^{(00)}m_{040}^{(20)}\\
&+m_{110}^{(20)}m_{003}^{(00)}m_{031}^{(10)} + 2m_{110}^{(20)}m_{003}^{(10)}m_{220}^{(21)} - 3m_{110}^{(20)}m_{003}^{(10)}m_{211}^{(11)} + 2m_{110}^{(20)}m_{003}^{(10)}m_{130}^{(20)}\\
&-2m_{110}^{(20)}m_{003}^{(10)}m_{121}^{(10)} + m_{110}^{(20)}m_{003}^{(10)}m_{031}^{(00)} - m_{110}^{(20)}m_{003}^{(11)}m_{310}^{(21)} + 2m_{110}^{(20)}m_{003}^{(11)}m_{301}^{(11)}\\
&-m_{110}^{(20)}m_{003}^{(11)}m_{220}^{(20)} + m_{110}^{(20)}m_{003}^{(11)}m_{211}^{(10)} - m_{110}^{(20)}m_{003}^{(11)}m_{121}^{(00)} + m_{110}^{(20)}m_{003}^{(20)}m_{220}^{(11)}\\
&-m_{110}^{(20)}m_{003}^{(20)}m_{040}^{(00)} - m_{110}^{(20)}m_{003}^{(21)}m_{310}^{(11)} + m_{110}^{(20)}m_{003}^{(21)}m_{130}^{(00)} + 2m_{110}^{(21)}m_{210}^{(10)}m_{112}^{(22)}\\
&+2m_{110}^{(21)}m_{210}^{(10)}m_{103}^{(21)} - 4m_{110}^{(21)}m_{210}^{(10)}m_{013}^{(20)} - 2m_{110}^{(21)}m_{210}^{(11)}m_{202}^{(22)} + 2m_{110}^{(21)}m_{210}^{(11)}m_{103}^{(20)}\\
&-2m_{110}^{(21)}m_{210}^{(20)}m_{121}^{(22)} - 2m_{110}^{(21)}m_{210}^{(20)}m_{112}^{(21)} + 4m_{110}^{(21)}m_{210}^{(20)}m_{022}^{(20)} + 2m_{110}^{(21)}m_{210}^{(21)}m_{211}^{(22)}\\
&-2m_{110}^{(21)}m_{210}^{(21)}m_{202}^{(21)} + 2m_{110}^{(21)}m_{210}^{(22)}m_{211}^{(21)} - 2m_{110}^{(21)}m_{210}^{(22)}m_{121}^{(20)} - m_{110}^{(21)}m_{201}^{(10)}m_{121}^{(22)}\\
&-2m_{110}^{(21)}m_{201}^{(10)}m_{112}^{(21)} - m_{110}^{(21)}m_{201}^{(10)}m_{103}^{(11)} + 2m_{110}^{(21)}m_{201}^{(10)}m_{022}^{(20)} + 2m_{110}^{(21)}m_{201}^{(10)}m_{013}^{(10)}\\
&+m_{110}^{(21)}m_{201}^{(11)}m_{211}^{(22)} + m_{110}^{(21)}m_{201}^{(11)}m_{202}^{(21)} - m_{110}^{(21)}m_{201}^{(11)}m_{112}^{(20)} - m_{110}^{(21)}m_{201}^{(11)}m_{103}^{(10)}\\
&+m_{110}^{(21)}m_{201}^{(20)}m_{130}^{(22)} + 2m_{110}^{(21)}m_{201}^{(20)}m_{121}^{(21)} + m_{110}^{(21)}m_{201}^{(20)}m_{112}^{(11)} - 2m_{110}^{(21)}m_{201}^{(20)}m_{031}^{(20)}\\
&-2m_{110}^{(21)}m_{201}^{(20)}m_{022}^{(10)} - m_{110}^{(21)}m_{201}^{(21)}m_{220}^{(22)} + m_{110}^{(21)}m_{201}^{(21)}m_{202}^{(11)} - m_{110}^{(21)}m_{201}^{(22)}m_{220}^{(21)}\\
&-m_{110}^{(21)}m_{201}^{(22)}m_{211}^{(11)} + m_{110}^{(21)}m_{201}^{(22)}m_{130}^{(20)} + m_{110}^{(21)}m_{201}^{(22)}m_{121}^{(10)} - 2m_{110}^{(21)}m_{120}^{(00)}m_{112}^{(22)}\\
&-2m_{110}^{(21)}m_{120}^{(00)}m_{103}^{(21)} + 4m_{110}^{(21)}m_{120}^{(00)}m_{013}^{(20)} + 2m_{110}^{(21)}m_{120}^{(10)}m_{202}^{(22)} - 2m_{110}^{(21)}m_{120}^{(10)}m_{103}^{(20)}\\
&+2m_{110}^{(21)}m_{120}^{(20)}m_{211}^{(22)} + 4m_{110}^{(21)}m_{120}^{(20)}m_{202}^{(21)} - 6m_{110}^{(21)}m_{120}^{(20)}m_{112}^{(20)} - 2m_{110}^{(21)}m_{120}^{(21)}m_{301}^{(22)}
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\begin{aligned}
&+2m_{110}^{(21)}m_{120}^{(21)}m_{202}^{(20)} - 2m_{110}^{(21)}m_{120}^{(22)}m_{301}^{(21)} + 2m_{110}^{(21)}m_{120}^{(22)}m_{211}^{(20)} + 3m_{110}^{(21)}m_{111}^{(00)}m_{121}^{(22)}\\
&+4m_{110}^{(21)}m_{111}^{(00)}m_{112}^{(21)} + m_{110}^{(21)}m_{111}^{(00)}m_{103}^{(11)} - 6m_{110}^{(21)}m_{111}^{(00)}m_{022}^{(20)} - 2m_{110}^{(21)}m_{111}^{(00)}m_{013}^{(10)}\\
&-6m_{110}^{(21)}m_{111}^{(10)}m_{211}^{(22)} - 4m_{110}^{(21)}m_{111}^{(10)}m_{202}^{(21)} + 8m_{110}^{(21)}m_{111}^{(10)}m_{112}^{(20)} + 2m_{110}^{(21)}m_{111}^{(10)}m_{013}^{(00)}\\
&+3m_{110}^{(21)}m_{111}^{(11)}m_{301}^{(22)} - 2m_{110}^{(21)}m_{111}^{(11)}m_{202}^{(20)} - m_{110}^{(21)}m_{111}^{(11)}m_{103}^{(00)} - 4m_{110}^{(21)}m_{111}^{(20)}m_{211}^{(21)}\\
&-2m_{110}^{(21)}m_{111}^{(20)}m_{202}^{(11)} + 4m_{110}^{(21)}m_{111}^{(20)}m_{121}^{(20)} + 4m_{110}^{(21)}m_{111}^{(20)}m_{112}^{(10)} - 2m_{110}^{(21)}m_{111}^{(20)}m_{022}^{(00)}\\
&+4m_{110}^{(21)}m_{111}^{(21)}m_{301}^{(21)} - 4m_{110}^{(21)}m_{111}^{(21)}m_{211}^{(20)} + m_{110}^{(21)}m_{111}^{(22)}m_{301}^{(11)} - 2m_{110}^{(21)}m_{111}^{(22)}m_{211}^{(10)}\\
&+m_{110}^{(21)}m_{111}^{(22)}m_{121}^{(00)} - m_{110}^{(21)}m_{102}^{(00)}m_{130}^{(22)} - 2m_{110}^{(21)}m_{102}^{(00)}m_{121}^{(21)} - m_{110}^{(21)}m_{102}^{(00)}m_{112}^{(11)}\\
&+2m_{110}^{(21)}m_{102}^{(00)}m_{031}^{(20)} + 2m_{110}^{(21)}m_{102}^{(00)}m_{022}^{(10)} + 2m_{110}^{(21)}m_{102}^{(10)}m_{220}^{(22)} + 4m_{110}^{(21)}m_{102}^{(10)}m_{211}^{(21)}\\
&+2m_{110}^{(21)}m_{102}^{(10)}m_{202}^{(11)} - 2m_{110}^{(21)}m_{102}^{(10)}m_{121}^{(20)} - 4m_{110}^{(21)}m_{102}^{(10)}m_{112}^{(10)} - 2m_{110}^{(21)}m_{102}^{(10)}m_{022}^{(00)}\\
&-m_{110}^{(21)}m_{102}^{(11)}m_{310}^{(22)} - 2m_{110}^{(21)}m_{102}^{(11)}m_{301}^{(21)} + 2m_{110}^{(21)}m_{102}^{(11)}m_{202}^{(10)} + m_{110}^{(21)}m_{102}^{(11)}m_{112}^{(00)}\\
&-2m_{110}^{(21)}m_{102}^{(20)}m_{130}^{(20)} + 2m_{110}^{(21)}m_{102}^{(20)}m_{031}^{(00)} - 2m_{110}^{(21)}m_{102}^{(21)}m_{301}^{(11)} + 2m_{110}^{(21)}m_{102}^{(21)}m_{220}^{(20)}\\
&+m_{110}^{(21)}m_{102}^{(22)}m_{310}^{(11)} - m_{110}^{(21)}m_{102}^{(22)}m_{130}^{(00)} + m_{110}^{(21)}m_{021}^{(00)}m_{211}^{(22)} + m_{110}^{(21)}m_{021}^{(00)}m_{202}^{(21)}\\
&-m_{110}^{(21)}m_{021}^{(00)}m_{112}^{(20)} + m_{110}^{(21)}m_{021}^{(00)}m_{103}^{(10)} - 2m_{110}^{(21)}m_{021}^{(00)}m_{013}^{(00)} - m_{110}^{(21)}m_{021}^{(10)}m_{301}^{(22)}\\
&+m_{110}^{(21)}m_{021}^{(10)}m_{103}^{(00)} - m_{110}^{(21)}m_{021}^{(20)}m_{310}^{(22)} - 2m_{110}^{(21)}m_{021}^{(20)}m_{301}^{(21)} + 2m_{110}^{(21)}m_{021}^{(20)}m_{211}^{(20)}\\
&-2m_{110}^{(21)}m_{021}^{(20)}m_{202}^{(10)} + 3m_{110}^{(21)}m_{021}^{(20)}m_{112}^{(00)} + m_{110}^{(21)}m_{021}^{(21)}m_{400}^{(22)} - m_{110}^{(21)}m_{021}^{(21)}m_{202}^{(00)}\\
&+m_{110}^{(21)}m_{021}^{(22)}m_{400}^{(21)} - m_{110}^{(21)}m_{021}^{(22)}m_{310}^{(20)} + m_{110}^{(21)}m_{021}^{(22)}m_{301}^{(10)} - m_{110}^{(21)}m_{021}^{(22)}m_{211}^{(00)}\\
&-m_{110}^{(21)}m_{012}^{(00)}m_{220}^{(22)} - 2m_{110}^{(21)}m_{012}^{(00)}m_{211}^{(21)} - m_{110}^{(21)}m_{012}^{(00)}m_{202}^{(11)} + 4m_{110}^{(21)}m_{012}^{(00)}m_{022}^{(00)}\\
&+2m_{110}^{(21)}m_{012}^{(10)}m_{310}^{(22)} + 2m_{110}^{(21)}m_{012}^{(10)}m_{301}^{(21)} - 4m_{110}^{(21)}m_{012}^{(10)}m_{112}^{(00)} - m_{110}^{(21)}m_{012}^{(11)}m_{400}^{(22)}\\
&+m_{110}^{(21)}m_{012}^{(11)}m_{202}^{(00)} + 2m_{110}^{(21)}m_{012}^{(20)}m_{310}^{(21)} + 2m_{110}^{(21)}m_{012}^{(20)}m_{301}^{(11)} - 4m_{110}^{(21)}m_{012}^{(20)}m_{121}^{(00)}\\
&-2m_{110}^{(21)}m_{012}^{(21)}m_{400}^{(21)} + 2m_{110}^{(21)}m_{012}^{(21)}m_{211}^{(00)} - m_{110}^{(21)}m_{012}^{(22)}m_{400}^{(11)} + m_{110}^{(21)}m_{012}^{(22)}m_{220}^{(00)}\\
&+m_{110}^{(21)}m_{003}^{(00)}m_{220}^{(21)} + m_{110}^{(21)}m_{003}^{(00)}m_{211}^{(11)} + m_{110}^{(21)}m_{003}^{(00)}m_{130}^{(20)} - m_{110}^{(21)}m_{003}^{(00)}m_{121}^{(10)}\\
&-2m_{110}^{(21)}m_{003}^{(00)}m_{031}^{(00)} - 2m_{110}^{(21)}m_{003}^{(10)}m_{310}^{(21)} - m_{110}^{(21)}m_{003}^{(10)}m_{301}^{(11)} - 2m_{110}^{(21)}m_{003}^{(10)}m_{220}^{(20)}\\
&+2m_{110}^{(21)}m_{003}^{(10)}m_{211}^{(10)} + 3m_{110}^{(21)}m_{003}^{(10)}m_{121}^{(00)} + m_{110}^{(21)}m_{003}^{(11)}m_{400}^{(21)} + m_{110}^{(21)}m_{003}^{(11)}m_{310}^{(20)}\\
&-m_{110}^{(21)}m_{003}^{(11)}m_{301}^{(10)} - m_{110}^{(21)}m_{003}^{(11)}m_{211}^{(00)} - m_{110}^{(21)}m_{003}^{(20)}m_{310}^{(11)} + m_{110}^{(21)}m_{003}^{(20)}m_{130}^{(00)}\\
&+m_{110}^{(21)}m_{003}^{(21)}m_{400}^{(11)} - m_{110}^{(21)}m_{003}^{(21)}m_{220}^{(00)} - 2m_{110}^{(22)}m_{210}^{(10)}m_{112}^{(21)} + 2m_{110}^{(22)}m_{210}^{(10)}m_{022}^{(20)}\\
&+2m_{110}^{(22)}m_{210}^{(11)}m_{202}^{(21)} - 2m_{110}^{(22)}m_{210}^{(11)}m_{112}^{(20)} + 2m_{110}^{(22)}m_{210}^{(20)}m_{121}^{(21)} - 2m_{110}^{(22)}m_{210}^{(20)}m_{031}^{(20)}\\
&-2m_{110}^{(22)}m_{210}^{(21)}m_{211}^{(21)} + 2m_{110}^{(22)}m_{210}^{(21)}m_{121}^{(20)} + m_{110}^{(22)}m_{201}^{(10)}m_{121}^{(21)} + m_{110}^{(22)}m_{201}^{(10)}m_{112}^{(11)}\\
&-m_{110}^{(22)}m_{201}^{(10)}m_{031}^{(20)} - m_{110}^{(22)}m_{201}^{(10)}m_{022}^{(10)} - m_{110}^{(22)}m_{201}^{(11)}m_{211}^{(21)} - m_{110}^{(22)}m_{201}^{(11)}m_{202}^{(11)}\\
&+m_{110}^{(22)}m_{201}^{(11)}m_{121}^{(20)} + m_{110}^{(22)}m_{201}^{(11)}m_{112}^{(10)} - m_{110}^{(22)}m_{201}^{(20)}m_{130}^{(21)} - m_{110}^{(22)}m_{201}^{(20)}m_{121}^{(11)}\\
&+m_{110}^{(22)}m_{201}^{(20)}m_{040}^{(20)} + m_{110}^{(22)}m_{201}^{(20)}m_{031}^{(10)} + m_{110}^{(22)}m_{201}^{(21)}m_{220}^{(21)} + m_{110}^{(22)}m_{201}^{(21)}m_{211}^{(11)}\\
&-m_{110}^{(22)}m_{201}^{(21)}m_{130}^{(20)} - m_{110}^{(22)}m_{201}^{(21)}m_{121}^{(10)} + 2m_{110}^{(22)}m_{120}^{(00)}m_{112}^{(21)} - 2m_{110}^{(22)}m_{120}^{(00)}m_{022}^{(20)}\\
&-2m_{110}^{(22)}m_{120}^{(10)}m_{202}^{(21)} + 2m_{110}^{(22)}m_{120}^{(10)}m_{112}^{(20)} - 2m_{110}^{(22)}m_{120}^{(20)}m_{211}^{(21)} + 2m_{110}^{(22)}m_{120}^{(20)}m_{121}^{(20)}\\
&+2m_{110}^{(22)}m_{120}^{(21)}m_{301}^{(21)} - 2m_{110}^{(22)}m_{120}^{(21)}m_{211}^{(20)} - 3m_{110}^{(22)}m_{111}^{(00)}m_{121}^{(21)} - m_{110}^{(22)}m_{111}^{(00)}m_{112}^{(11)}\\
&+3m_{110}^{(22)}m_{111}^{(00)}m_{031}^{(20)} + m_{110}^{(22)}m_{111}^{(00)}m_{022}^{(10)} + 6m_{110}^{(22)}m_{111}^{(10)}m_{211}^{(21)} + m_{110}^{(22)}m_{111}^{(10)}m_{202}^{(11)}\\
&-6m_{110}^{(22)}m_{111}^{(10)}m_{121}^{(20)} - m_{110}^{(22)}m_{111}^{(10)}m_{022}^{(00)} - 3m_{110}^{(22)}m_{111}^{(11)}m_{301}^{(21)} + 3m_{110}^{(22)}m_{111}^{(11)}m_{211}^{(20)}\\
&-m_{110}^{(22)}m_{111}^{(11)}m_{202}^{(10)} + m_{110}^{(22)}m_{111}^{(11)}m_{112}^{(00)} + m_{110}^{(22)}m_{111}^{(20)}m_{211}^{(11)} - 2m_{110}^{(22)}m_{111}^{(20)}m_{121}^{(10)}\\
&+m_{110}^{(22)}m_{111}^{(20)}m_{031}^{(00)} - m_{110}^{(22)}m_{111}^{(21)}m_{301}^{(11)} + 2m_{110}^{(22)}m_{111}^{(21)}m_{211}^{(10)} - m_{110}^{(22)}m_{111}^{(21)}m_{121}^{(00)}\\
&+m_{110}^{(22)}m_{102}^{(00)}m_{130}^{(21)} + m_{110}^{(22)}m_{102}^{(00)}m_{121}^{(11)} - m_{110}^{(22)}m_{102}^{(00)}m_{040}^{(20)} - m_{110}^{(22)}m_{102}^{(00)}m_{031}^{(10)}
\end{aligned}
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\begin{aligned}
&-2m_{110}^{(22)}m_{102}^{(10)}m_{220}^{(21)} - 3m_{110}^{(22)}m_{102}^{(10)}m_{211}^{(11)} + 2m_{110}^{(22)}m_{102}^{(10)}m_{130}^{(20)} + 2m_{110}^{(22)}m_{102}^{(10)}m_{121}^{(10)} \\
&+m_{110}^{(22)}m_{102}^{(10)}m_{031}^{(00)} + m_{110}^{(22)}m_{102}^{(11)}m_{310}^{(21)} + 2m_{110}^{(22)}m_{102}^{(11)}m_{301}^{(11)} - m_{110}^{(22)}m_{102}^{(11)}m_{220}^{(20)} \\
&-m_{110}^{(22)}m_{102}^{(11)}m_{211}^{(10)} - m_{110}^{(22)}m_{102}^{(11)}m_{121}^{(00)} + m_{110}^{(22)}m_{102}^{(20)}m_{220}^{(11)} - m_{110}^{(22)}m_{102}^{(20)}m_{040}^{(00)} \\
&-m_{110}^{(22)}m_{102}^{(21)}m_{310}^{(11)} + m_{110}^{(22)}m_{102}^{(21)}m_{130}^{(00)} - m_{110}^{(22)}m_{021}^{(00)}m_{211}^{(21)} + m_{110}^{(22)}m_{021}^{(00)}m_{121}^{(20)} \\
&-m_{110}^{(22)}m_{021}^{(00)}m_{112}^{(10)} + m_{110}^{(22)}m_{021}^{(00)}m_{022}^{(00)} + m_{110}^{(22)}m_{021}^{(10)}m_{301}^{(21)} - m_{110}^{(22)}m_{021}^{(10)}m_{211}^{(20)} \\
&+m_{110}^{(22)}m_{021}^{(10)}m_{202}^{(10)} - m_{110}^{(22)}m_{021}^{(10)}m_{112}^{(00)} + m_{110}^{(22)}m_{021}^{(20)}m_{310}^{(21)} - m_{110}^{(22)}m_{021}^{(20)}m_{220}^{(20)} \\
&+m_{110}^{(22)}m_{021}^{(20)}m_{211}^{(10)} - m_{110}^{(22)}m_{021}^{(20)}m_{121}^{(00)} - m_{110}^{(22)}m_{021}^{(21)}m_{400}^{(21)} + m_{110}^{(22)}m_{021}^{(21)}m_{310}^{(20)} \\
&-m_{110}^{(22)}m_{021}^{(21)}m_{301}^{(10)} + m_{110}^{(22)}m_{021}^{(21)}m_{211}^{(00)} + m_{110}^{(22)}m_{012}^{(00)}m_{220}^{(21)} + m_{110}^{(22)}m_{012}^{(00)}m_{211}^{(11)} \\
&-m_{110}^{(22)}m_{012}^{(00)}m_{130}^{(20)} + m_{110}^{(22)}m_{012}^{(00)}m_{121}^{(10)} - 2m_{110}^{(22)}m_{012}^{(00)}m_{031}^{(00)} - 2m_{110}^{(22)}m_{012}^{(10)}m_{310}^{(21)} \\
&-m_{110}^{(22)}m_{012}^{(10)}m_{301}^{(11)} + 2m_{110}^{(22)}m_{012}^{(10)}m_{220}^{(20)} - 2m_{110}^{(22)}m_{012}^{(10)}m_{211}^{(10)} + 3m_{110}^{(22)}m_{012}^{(10)}m_{121}^{(00)} \\
&+m_{110}^{(22)}m_{012}^{(11)}m_{400}^{(21)} - m_{110}^{(22)}m_{012}^{(11)}m_{310}^{(20)} + m_{110}^{(22)}m_{012}^{(11)}m_{301}^{(10)} - m_{110}^{(22)}m_{012}^{(11)}m_{211}^{(00)} \\
&-m_{110}^{(22)}m_{012}^{(20)}m_{310}^{(11)} + m_{110}^{(22)}m_{012}^{(20)}m_{130}^{(00)} + m_{110}^{(22)}m_{012}^{(21)}m_{400}^{(11)} - m_{110}^{(22)}m_{012}^{(21)}m_{220}^{(00)} \\
&-m_{110}^{(22)}m_{003}^{(00)}m_{220}^{(11)} + m_{110}^{(22)}m_{003}^{(00)}m_{040}^{(00)} + 2m_{110}^{(22)}m_{003}^{(10)}m_{310}^{(11)} - 2m_{110}^{(22)}m_{003}^{(10)}m_{130}^{(00)} \\
&-m_{110}^{(22)}m_{003}^{(11)}m_{400}^{(11)} + m_{110}^{(22)}m_{003}^{(11)}m_{220}^{(00)} + m_{101}^{(00)}m_{210}^{(11)}m_{022}^{(22)} - m_{101}^{(00)}m_{210}^{(11)}m_{004}^{(11)} \\
&-2m_{101}^{(00)}m_{210}^{(21)}m_{031}^{(22)} + 2m_{101}^{(00)}m_{210}^{(21)}m_{013}^{(11)} + m_{101}^{(00)}m_{210}^{(22)}m_{040}^{(22)} - m_{101}^{(00)}m_{210}^{(22)}m_{022}^{(11)} \\
&-2m_{101}^{(00)}m_{201}^{(11)}m_{022}^{(21)} + 2m_{101}^{(00)}m_{201}^{(11)}m_{013}^{(11)} + 4m_{101}^{(00)}m_{201}^{(21)}m_{031}^{(21)} - 4m_{101}^{(00)}m_{201}^{(21)}m_{022}^{(11)} \\
&-2m_{101}^{(00)}m_{201}^{(22)}m_{040}^{(21)} + 2m_{101}^{(00)}m_{201}^{(22)}m_{031}^{(11)} - m_{101}^{(00)}m_{120}^{(10)}m_{022}^{(22)} + m_{101}^{(00)}m_{120}^{(10)}m_{004}^{(11)} \\
&-m_{101}^{(00)}m_{120}^{(11)}m_{112}^{(22)} + m_{101}^{(00)}m_{120}^{(11)}m_{103}^{(21)} - m_{101}^{(00)}m_{120}^{(11)}m_{013}^{(20)} + m_{101}^{(00)}m_{120}^{(11)}m_{004}^{(10)} \\
&+m_{101}^{(00)}m_{120}^{(20)}m_{031}^{(22)} - m_{101}^{(00)}m_{120}^{(20)}m_{013}^{(11)} + 3m_{101}^{(00)}m_{120}^{(21)}m_{121}^{(22)} - 2m_{101}^{(00)}m_{120}^{(21)}m_{112}^{(21)} \\
&-m_{101}^{(00)}m_{120}^{(21)}m_{103}^{(11)} + 2m_{101}^{(00)}m_{120}^{(21)}m_{022}^{(20)} - 2m_{101}^{(00)}m_{120}^{(21)}m_{013}^{(10)} - 2m_{101}^{(00)}m_{120}^{(22)}m_{130}^{(22)} \\
&+m_{101}^{(00)}m_{120}^{(22)}m_{121}^{(21)} + m_{101}^{(00)}m_{120}^{(22)}m_{112}^{(11)} - m_{101}^{(00)}m_{120}^{(22)}m_{031}^{(20)} + m_{101}^{(00)}m_{120}^{(22)}m_{022}^{(10)} \\
&+m_{101}^{(00)}m_{111}^{(10)}m_{031}^{(22)} + 2m_{101}^{(00)}m_{111}^{(10)}m_{022}^{(21)} - 3m_{101}^{(00)}m_{111}^{(10)}m_{013}^{(11)} - m_{101}^{(00)}m_{111}^{(11)}m_{121}^{(22)} \\
&+m_{101}^{(00)}m_{111}^{(11)}m_{112}^{(21)} + m_{101}^{(00)}m_{111}^{(11)}m_{022}^{(20)} - m_{101}^{(00)}m_{111}^{(11)}m_{013}^{(10)} - m_{101}^{(00)}m_{111}^{(20)}m_{040}^{(22)} \\
&-2m_{101}^{(00)}m_{111}^{(20)}m_{031}^{(21)} + 3m_{101}^{(00)}m_{111}^{(20)}m_{022}^{(11)} + m_{101}^{(00)}m_{111}^{(21)}m_{130}^{(22)} - 4m_{101}^{(00)}m_{111}^{(21)}m_{121}^{(21)} \\
&+3m_{101}^{(00)}m_{111}^{(21)}m_{112}^{(11)} - 2m_{101}^{(00)}m_{111}^{(21)}m_{031}^{(20)} + 2m_{101}^{(00)}m_{111}^{(21)}m_{022}^{(10)} + 3m_{101}^{(00)}m_{111}^{(22)}m_{130}^{(21)} \\
&-3m_{101}^{(00)}m_{111}^{(22)}m_{121}^{(11)} + m_{101}^{(00)}m_{111}^{(22)}m_{040}^{(20)} - m_{101}^{(00)}m_{111}^{(22)}m_{031}^{(10)} - 2m_{101}^{(00)}m_{102}^{(10)}m_{031}^{(21)} \\
&+2m_{101}^{(00)}m_{102}^{(10)}m_{022}^{(11)} + 2m_{101}^{(00)}m_{102}^{(11)}m_{121}^{(21)} - 2m_{101}^{(00)}m_{102}^{(11)}m_{112}^{(11)} + 2m_{101}^{(00)}m_{102}^{(20)}m_{040}^{(21)} \\
&-2m_{101}^{(00)}m_{102}^{(20)}m_{031}^{(11)} - 2m_{101}^{(00)}m_{102}^{(21)}m_{130}^{(21)} + 2m_{101}^{(00)}m_{102}^{(21)}m_{121}^{(11)} + m_{101}^{(00)}m_{030}^{(10)}m_{112}^{(22)} \\
&-m_{101}^{(00)}m_{030}^{(10)}m_{103}^{(21)} + m_{101}^{(00)}m_{030}^{(10)}m_{013}^{(20)} - m_{101}^{(00)}m_{030}^{(10)}m_{004}^{(10)} - m_{101}^{(00)}m_{030}^{(20)}m_{121}^{(22)} \\
&+m_{101}^{(00)}m_{030}^{(20)}m_{112}^{(21)} - m_{101}^{(00)}m_{030}^{(20)}m_{022}^{(20)} + m_{101}^{(00)}m_{030}^{(20)}m_{013}^{(10)} - m_{101}^{(00)}m_{030}^{(21)}m_{211}^{(22)} \\
&+m_{101}^{(00)}m_{030}^{(21)}m_{202}^{(21)} - m_{101}^{(00)}m_{030}^{(21)}m_{112}^{(20)} + m_{101}^{(00)}m_{030}^{(21)}m_{103}^{(10)} + m_{101}^{(00)}m_{030}^{(22)}m_{220}^{(22)} \\
&-m_{101}^{(00)}m_{030}^{(22)}m_{211}^{(21)} + m_{101}^{(00)}m_{030}^{(22)}m_{121}^{(20)} - m_{101}^{(00)}m_{030}^{(22)}m_{112}^{(10)} - m_{101}^{(00)}m_{021}^{(10)}m_{121}^{(22)} \\
&+m_{101}^{(00)}m_{021}^{(10)}m_{103}^{(11)} - 2m_{101}^{(00)}m_{021}^{(10)}m_{022}^{(20)} + 2m_{101}^{(00)}m_{021}^{(10)}m_{013}^{(10)} + m_{101}^{(00)}m_{021}^{(11)}m_{211}^{(22)} \\
&-m_{101}^{(00)}m_{021}^{(11)}m_{202}^{(21)} + m_{101}^{(00)}m_{021}^{(11)}m_{112}^{(20)} - m_{101}^{(00)}m_{021}^{(11)}m_{103}^{(10)} + m_{101}^{(00)}m_{021}^{(20)}m_{130}^{(22)} \\
&-m_{101}^{(00)}m_{021}^{(20)}m_{112}^{(11)} + 2m_{101}^{(00)}m_{021}^{(20)}m_{031}^{(20)} - 2m_{101}^{(00)}m_{021}^{(20)}m_{022}^{(10)} - m_{101}^{(00)}m_{021}^{(21)}m_{220}^{(22)} \\
&+2m_{101}^{(00)}m_{021}^{(21)}m_{211}^{(21)} - m_{101}^{(00)}m_{021}^{(21)}m_{202}^{(11)} - m_{101}^{(00)}m_{021}^{(22)}m_{220}^{(21)} + m_{101}^{(00)}m_{021}^{(22)}m_{211}^{(11)} \\
&-m_{101}^{(00)}m_{021}^{(22)}m_{130}^{(20)} + m_{101}^{(00)}m_{021}^{(22)}m_{121}^{(10)} + m_{101}^{(00)}m_{012}^{(10)}m_{121}^{(21)} - m_{101}^{(00)}m_{012}^{(10)}m_{112}^{(11)} \\
&+m_{101}^{(00)}m_{012}^{(10)}m_{031}^{(20)} - m_{101}^{(00)}m_{012}^{(10)}m_{022}^{(10)} - m_{101}^{(00)}m_{012}^{(11)}m_{211}^{(21)} + m_{101}^{(00)}m_{012}^{(11)}m_{202}^{(11)}
\end{aligned}
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\begin{aligned}
&-m_{101}^{(00)}m_{012}^{(11)}m_{121}^{(20)} + m_{101}^{(00)}m_{012}^{(11)}m_{112}^{(10)} - m_{101}^{(00)}m_{012}^{(20)}m_{130}^{(21)} + m_{101}^{(00)}m_{012}^{(20)}m_{121}^{(11)}\\
&-m_{101}^{(00)}m_{012}^{(20)}m_{040}^{(20)} + m_{101}^{(00)}m_{012}^{(20)}m_{031}^{(10)} + m_{101}^{(00)}m_{012}^{(21)}m_{220}^{(21)} - m_{101}^{(00)}m_{012}^{(21)}m_{211}^{(11)}\\
&+m_{101}^{(00)}m_{012}^{(21)}m_{130}^{(20)} - m_{101}^{(00)}m_{012}^{(21)}m_{121}^{(10)} - m_{101}^{(10)}m_{210}^{(10)}m_{022}^{(22)} + m_{101}^{(10)}m_{210}^{(10)}m_{004}^{(11)}\\
&-m_{101}^{(10)}m_{210}^{(11)}m_{112}^{(22)} - m_{101}^{(10)}m_{210}^{(11)}m_{103}^{(21)} + m_{101}^{(10)}m_{210}^{(11)}m_{013}^{(20)} + m_{101}^{(10)}m_{210}^{(11)}m_{004}^{(10)}\\
&+m_{101}^{(10)}m_{210}^{(20)}m_{031}^{(22)} - m_{101}^{(10)}m_{210}^{(20)}m_{013}^{(11)} + 3m_{101}^{(10)}m_{210}^{(21)}m_{121}^{(22)} + 2m_{101}^{(10)}m_{210}^{(21)}m_{112}^{(21)}\\
&-m_{101}^{(10)}m_{210}^{(21)}m_{103}^{(11)} - 2m_{101}^{(10)}m_{210}^{(21)}m_{022}^{(20)} - 2m_{101}^{(10)}m_{210}^{(21)}m_{013}^{(10)} - 2m_{101}^{(10)}m_{210}^{(22)}m_{130}^{(22)}\\
&-m_{101}^{(10)}m_{210}^{(22)}m_{121}^{(21)} + m_{101}^{(10)}m_{210}^{(22)}m_{112}^{(11)} + m_{101}^{(10)}m_{210}^{(22)}m_{031}^{(20)} + m_{101}^{(10)}m_{210}^{(22)}m_{022}^{(10)}\\
&+2m_{101}^{(10)}m_{201}^{(10)}m_{022}^{(21)} - 2m_{101}^{(10)}m_{201}^{(10)}m_{013}^{(11)} + 2m_{101}^{(10)}m_{201}^{(11)}m_{112}^{(21)} - 2m_{101}^{(10)}m_{201}^{(11)}m_{013}^{(10)}\\
&-2m_{101}^{(10)}m_{201}^{(20)}m_{031}^{(21)} + 2m_{101}^{(10)}m_{201}^{(20)}m_{022}^{(11)} - 6m_{101}^{(10)}m_{201}^{(21)}m_{121}^{(21)} + 2m_{101}^{(10)}m_{201}^{(21)}m_{112}^{(11)}\\
&+4m_{101}^{(10)}m_{201}^{(21)}m_{022}^{(10)} + 4m_{101}^{(10)}m_{201}^{(22)}m_{130}^{(21)} - 2m_{101}^{(10)}m_{201}^{(22)}m_{121}^{(11)} - 2m_{101}^{(10)}m_{201}^{(22)}m_{031}^{(10)}\\
&+m_{101}^{(10)}m_{120}^{(00)}m_{022}^{(22)} - m_{101}^{(10)}m_{120}^{(00)}m_{004}^{(11)} + 2m_{101}^{(10)}m_{120}^{(10)}m_{112}^{(22)} - 2m_{101}^{(10)}m_{120}^{(10)}m_{004}^{(10)}\\
&+m_{101}^{(10)}m_{120}^{(11)}m_{202}^{(22)} - m_{101}^{(10)}m_{120}^{(11)}m_{004}^{(00)} - 4m_{101}^{(10)}m_{120}^{(20)}m_{121}^{(22)} + 2m_{101}^{(10)}m_{120}^{(20)}m_{103}^{(11)}\\
&+2m_{101}^{(10)}m_{120}^{(20)}m_{013}^{(10)} - 4m_{101}^{(10)}m_{120}^{(21)}m_{211}^{(22)} + 2m_{101}^{(10)}m_{120}^{(21)}m_{103}^{(10)} + 2m_{101}^{(10)}m_{120}^{(21)}m_{013}^{(00)}\\
&+4m_{101}^{(10)}m_{120}^{(22)}m_{220}^{(22)} - m_{101}^{(10)}m_{120}^{(22)}m_{202}^{(11)} - 2m_{101}^{(10)}m_{120}^{(22)}m_{112}^{(10)} - m_{101}^{(10)}m_{120}^{(22)}m_{022}^{(00)}\\
&-m_{101}^{(10)}m_{111}^{(00)}m_{031}^{(22)} - 2m_{101}^{(10)}m_{111}^{(00)}m_{022}^{(21)} + 3m_{101}^{(10)}m_{111}^{(00)}m_{013}^{(11)} - 4m_{101}^{(10)}m_{111}^{(10)}m_{112}^{(21)}\\
&+4m_{101}^{(10)}m_{111}^{(10)}m_{013}^{(10)} + m_{101}^{(10)}m_{111}^{(11)}m_{211}^{(22)} - 2m_{101}^{(10)}m_{111}^{(11)}m_{112}^{(20)} + m_{101}^{(10)}m_{111}^{(11)}m_{013}^{(00)}\\
&+2m_{101}^{(10)}m_{111}^{(20)}m_{130}^{(22)} + 8m_{101}^{(10)}m_{111}^{(20)}m_{121}^{(21)} - 6m_{101}^{(10)}m_{111}^{(20)}m_{112}^{(11)} - 4m_{101}^{(10)}m_{111}^{(20)}m_{022}^{(10)}\\
&-2m_{101}^{(10)}m_{111}^{(21)}m_{220}^{(22)} + 4m_{101}^{(10)}m_{111}^{(21)}m_{211}^{(21)} + 4m_{101}^{(10)}m_{111}^{(21)}m_{121}^{(20)} - 4m_{101}^{(10)}m_{111}^{(21)}m_{112}^{(10)}\\
&-2m_{101}^{(10)}m_{111}^{(21)}m_{022}^{(00)} - 6m_{101}^{(10)}m_{111}^{(22)}m_{220}^{(21)} + 3m_{101}^{(10)}m_{111}^{(22)}m_{211}^{(11)} - 2m_{101}^{(10)}m_{111}^{(22)}m_{130}^{(20)}\\
&+4m_{101}^{(10)}m_{111}^{(22)}m_{121}^{(10)} + m_{101}^{(10)}m_{111}^{(22)}m_{031}^{(00)} + 2m_{101}^{(10)}m_{102}^{(00)}m_{031}^{(21)} - 2m_{101}^{(10)}m_{102}^{(00)}m_{022}^{(11)}\\
&+2m_{101}^{(10)}m_{102}^{(10)}m_{112}^{(11)} - 2m_{101}^{(10)}m_{102}^{(10)}m_{022}^{(10)} - 2m_{101}^{(10)}m_{102}^{(11)}m_{211}^{(21)} + 2m_{101}^{(10)}m_{102}^{(11)}m_{112}^{(10)}\\
&-4m_{101}^{(10)}m_{102}^{(20)}m_{130}^{(21)} + 2m_{101}^{(10)}m_{102}^{(20)}m_{121}^{(11)} + 2m_{101}^{(10)}m_{102}^{(20)}m_{031}^{(10)} + 4m_{101}^{(10)}m_{102}^{(21)}m_{220}^{(21)}\\
&-2m_{101}^{(10)}m_{102}^{(21)}m_{211}^{(11)} - 2m_{101}^{(10)}m_{102}^{(21)}m_{121}^{(10)} - m_{101}^{(10)}m_{030}^{(00)}m_{112}^{(22)} + m_{101}^{(10)}m_{030}^{(00)}m_{103}^{(21)}\\
&-m_{101}^{(10)}m_{030}^{(00)}m_{013}^{(20)} + m_{101}^{(10)}m_{030}^{(00)}m_{004}^{(10)} - m_{101}^{(10)}m_{030}^{(10)}m_{202}^{(22)} + m_{101}^{(10)}m_{030}^{(10)}m_{004}^{(00)}\\
&+3m_{101}^{(10)}m_{030}^{(20)}m_{211}^{(22)} - 2m_{101}^{(10)}m_{030}^{(20)}m_{202}^{(21)} + 2m_{101}^{(10)}m_{030}^{(20)}m_{112}^{(20)} - 2m_{101}^{(10)}m_{030}^{(20)}m_{103}^{(10)}\\
&-m_{101}^{(10)}m_{030}^{(20)}m_{013}^{(00)} + m_{101}^{(10)}m_{030}^{(21)}m_{301}^{(22)} - m_{101}^{(10)}m_{030}^{(21)}m_{103}^{(00)} - 2m_{101}^{(10)}m_{030}^{(22)}m_{310}^{(22)}\\
&+m_{101}^{(10)}m_{030}^{(22)}m_{301}^{(21)} - m_{101}^{(10)}m_{030}^{(22)}m_{211}^{(20)} + m_{101}^{(10)}m_{030}^{(22)}m_{202}^{(10)} + m_{101}^{(10)}m_{030}^{(22)}m_{112}^{(00)}\\
&+m_{101}^{(10)}m_{021}^{(00)}m_{121}^{(22)} - m_{101}^{(10)}m_{021}^{(00)}m_{103}^{(11)} + 2m_{101}^{(10)}m_{021}^{(00)}m_{022}^{(20)} - 2m_{101}^{(10)}m_{021}^{(00)}m_{013}^{(10)}\\
&+2m_{101}^{(10)}m_{021}^{(10)}m_{202}^{(21)} - 2m_{101}^{(10)}m_{021}^{(10)}m_{013}^{(00)} - m_{101}^{(10)}m_{021}^{(11)}m_{301}^{(22)} + m_{101}^{(10)}m_{021}^{(11)}m_{103}^{(00)}\\
&-2m_{101}^{(10)}m_{021}^{(20)}m_{220}^{(22)} - 2m_{101}^{(10)}m_{021}^{(20)}m_{211}^{(21)} + 2m_{101}^{(10)}m_{021}^{(20)}m_{202}^{(11)} - 4m_{101}^{(10)}m_{021}^{(20)}m_{121}^{(20)}\\
&+4m_{101}^{(10)}m_{021}^{(20)}m_{112}^{(10)} + 2m_{101}^{(10)}m_{021}^{(20)}m_{022}^{(00)} + 2m_{101}^{(10)}m_{021}^{(21)}m_{310}^{(22)} - 2m_{101}^{(10)}m_{021}^{(21)}m_{301}^{(21)}\\
&+2m_{101}^{(10)}m_{021}^{(22)}m_{310}^{(21)} - m_{101}^{(10)}m_{021}^{(22)}m_{301}^{(11)} + 2m_{101}^{(10)}m_{021}^{(22)}m_{220}^{(20)} - 2m_{101}^{(10)}m_{021}^{(22)}m_{211}^{(10)}\\
&-m_{101}^{(10)}m_{021}^{(22)}m_{121}^{(00)} - m_{101}^{(10)}m_{012}^{(00)}m_{121}^{(21)} + m_{101}^{(10)}m_{012}^{(00)}m_{112}^{(11)} - m_{101}^{(10)}m_{012}^{(00)}m_{031}^{(20)}\\
&+m_{101}^{(10)}m_{012}^{(00)}m_{022}^{(10)} - m_{101}^{(10)}m_{012}^{(10)}m_{202}^{(11)} + m_{101}^{(10)}m_{012}^{(10)}m_{022}^{(00)} + m_{101}^{(10)}m_{012}^{(11)}m_{301}^{(21)}\\
&+m_{101}^{(10)}m_{012}^{(11)}m_{211}^{(20)} - m_{101}^{(10)}m_{012}^{(11)}m_{202}^{(10)} - m_{101}^{(10)}m_{012}^{(11)}m_{112}^{(00)} + 2m_{101}^{(10)}m_{012}^{(20)}m_{220}^{(21)}\\
&-m_{101}^{(10)}m_{012}^{(20)}m_{211}^{(11)} + 2m_{101}^{(10)}m_{012}^{(20)}m_{130}^{(20)} - 2m_{101}^{(10)}m_{012}^{(20)}m_{121}^{(10)} - m_{101}^{(10)}m_{012}^{(20)}m_{031}^{(00)}\\
&-2m_{101}^{(10)}m_{012}^{(21)}m_{310}^{(21)} + m_{101}^{(10)}m_{012}^{(21)}m_{301}^{(11)} - 2m_{101}^{(10)}m_{012}^{(21)}m_{220}^{(20)} + 2m_{101}^{(10)}m_{012}^{(21)}m_{211}^{(10)}\\
&+m_{101}^{(10)}m_{012}^{(21)}m_{121}^{(00)} + m_{101}^{(11)}m_{210}^{(10)}m_{112}^{(22)} + m_{101}^{(11)}m_{210}^{(10)}m_{103}^{(21)} - m_{101}^{(11)}m_{210}^{(10)}m_{013}^{(20)}
\end{aligned}
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\begin{aligned}
&-m_{101}^{(11)}m_{210}^{(10)}m_{004}^{(10)} - m_{101}^{(11)}m_{210}^{(20)}m_{121}^{(22)} - m_{101}^{(11)}m_{210}^{(20)}m_{112}^{(21)} + m_{101}^{(11)}m_{210}^{(20)}m_{022}^{(20)}\\
&+m_{101}^{(11)}m_{210}^{(20)}m_{013}^{(10)} - m_{101}^{(11)}m_{210}^{(21)}m_{211}^{(22)} - m_{101}^{(11)}m_{210}^{(21)}m_{202}^{(21)} + m_{101}^{(11)}m_{210}^{(21)}m_{112}^{(20)}\\
&+m_{101}^{(11)}m_{210}^{(21)}m_{103}^{(10)} + m_{101}^{(11)}m_{210}^{(22)}m_{220}^{(22)} + m_{101}^{(11)}m_{210}^{(22)}m_{211}^{(21)} - m_{101}^{(11)}m_{210}^{(22)}m_{121}^{(20)}\\
&-m_{101}^{(11)}m_{210}^{(22)}m_{112}^{(10)} - 2m_{101}^{(11)}m_{201}^{(10)}m_{112}^{(21)} + 2m_{101}^{(11)}m_{201}^{(10)}m_{013}^{(10)} + 2m_{101}^{(11)}m_{201}^{(20)}m_{121}^{(21)}\\
&-2m_{101}^{(11)}m_{201}^{(20)}m_{022}^{(10)} + 2m_{101}^{(11)}m_{201}^{(21)}m_{211}^{(21)} - 2m_{101}^{(11)}m_{201}^{(21)}m_{112}^{(10)} - 2m_{101}^{(11)}m_{201}^{(22)}m_{220}^{(21)}\\
&+2m_{101}^{(11)}m_{201}^{(22)}m_{121}^{(10)} - m_{101}^{(11)}m_{120}^{(00)}m_{112}^{(22)} - m_{101}^{(11)}m_{120}^{(00)}m_{103}^{(21)} + m_{101}^{(11)}m_{120}^{(00)}m_{013}^{(20)}\\
&+m_{101}^{(11)}m_{120}^{(00)}m_{004}^{(10)} - m_{101}^{(11)}m_{120}^{(10)}m_{202}^{(22)} + m_{101}^{(11)}m_{120}^{(10)}m_{004}^{(00)} + 3m_{101}^{(11)}m_{120}^{(20)}m_{211}^{(22)}\\
&+2m_{101}^{(11)}m_{120}^{(20)}m_{202}^{(21)} - 2m_{101}^{(11)}m_{120}^{(20)}m_{112}^{(20)} - 2m_{101}^{(11)}m_{120}^{(20)}m_{103}^{(10)} - m_{101}^{(11)}m_{120}^{(20)}m_{013}^{(00)}\\
&+m_{101}^{(11)}m_{120}^{(21)}m_{301}^{(22)} - m_{101}^{(11)}m_{120}^{(21)}m_{103}^{(00)} - 2m_{101}^{(11)}m_{120}^{(22)}m_{310}^{(22)} - m_{101}^{(11)}m_{120}^{(22)}m_{301}^{(21)}\\
&+m_{101}^{(11)}m_{120}^{(22)}m_{211}^{(20)} + m_{101}^{(11)}m_{120}^{(22)}m_{202}^{(10)} + m_{101}^{(11)}m_{120}^{(22)}m_{112}^{(00)} + m_{101}^{(11)}m_{111}^{(00)}m_{121}^{(22)}\\
&+3m_{101}^{(11)}m_{111}^{(00)}m_{112}^{(21)} - m_{101}^{(11)}m_{111}^{(00)}m_{022}^{(20)} - 3m_{101}^{(11)}m_{111}^{(00)}m_{013}^{(10)} - m_{101}^{(11)}m_{111}^{(10)}m_{211}^{(22)}\\
&+2m_{101}^{(11)}m_{111}^{(10)}m_{112}^{(20)} - m_{101}^{(11)}m_{111}^{(10)}m_{013}^{(00)} - m_{101}^{(11)}m_{111}^{(20)}m_{220}^{(22)} - 6m_{101}^{(11)}m_{111}^{(20)}m_{211}^{(21)}\\
&+6m_{101}^{(11)}m_{111}^{(20)}m_{112}^{(10)} + m_{101}^{(11)}m_{111}^{(20)}m_{022}^{(00)} + m_{101}^{(11)}m_{111}^{(21)}m_{310}^{(22)} - 2m_{101}^{(11)}m_{111}^{(21)}m_{211}^{(20)}\\
&+m_{101}^{(11)}m_{111}^{(21)}m_{112}^{(00)} + 3m_{101}^{(11)}m_{111}^{(22)}m_{310}^{(21)} + m_{101}^{(11)}m_{111}^{(22)}m_{220}^{(20)} - 3m_{101}^{(11)}m_{111}^{(22)}m_{211}^{(10)}\\
&-m_{101}^{(11)}m_{111}^{(22)}m_{121}^{(00)} - 2m_{101}^{(11)}m_{102}^{(00)}m_{121}^{(21)} + 2m_{101}^{(11)}m_{102}^{(00)}m_{022}^{(10)} + 2m_{101}^{(11)}m_{102}^{(10)}m_{211}^{(21)}\\
&-2m_{101}^{(11)}m_{102}^{(10)}m_{112}^{(10)} + 2m_{101}^{(11)}m_{102}^{(20)}m_{220}^{(21)} - 2m_{101}^{(11)}m_{102}^{(20)}m_{121}^{(10)} - 2m_{101}^{(11)}m_{102}^{(21)}m_{310}^{(21)}\\
&+2m_{101}^{(11)}m_{102}^{(21)}m_{211}^{(10)} + m_{101}^{(11)}m_{030}^{(00)}m_{202}^{(22)} - m_{101}^{(11)}m_{030}^{(00)}m_{004}^{(00)} - 2m_{101}^{(11)}m_{030}^{(20)}m_{301}^{(22)}\\
&+2m_{101}^{(11)}m_{030}^{(20)}m_{103}^{(00)} + m_{101}^{(11)}m_{030}^{(22)}m_{400}^{(22)} - m_{101}^{(11)}m_{030}^{(22)}m_{202}^{(00)} - m_{101}^{(11)}m_{021}^{(00)}m_{211}^{(22)}\\
&-m_{101}^{(11)}m_{021}^{(00)}m_{202}^{(21)} - m_{101}^{(11)}m_{021}^{(00)}m_{112}^{(20)} + m_{101}^{(11)}m_{021}^{(00)}m_{103}^{(10)} + 2m_{101}^{(11)}m_{021}^{(00)}m_{013}^{(00)}\\
&+m_{101}^{(11)}m_{021}^{(10)}m_{301}^{(22)} - m_{101}^{(11)}m_{021}^{(10)}m_{103}^{(00)} + m_{101}^{(11)}m_{021}^{(20)}m_{310}^{(22)} + 2m_{101}^{(11)}m_{021}^{(20)}m_{301}^{(21)}\\
&+2m_{101}^{(11)}m_{021}^{(20)}m_{211}^{(20)} - 2m_{101}^{(11)}m_{021}^{(20)}m_{202}^{(10)} - 3m_{101}^{(11)}m_{021}^{(20)}m_{112}^{(00)} - m_{101}^{(11)}m_{021}^{(21)}m_{400}^{(22)}\\
&+m_{101}^{(11)}m_{021}^{(21)}m_{202}^{(00)} - m_{101}^{(11)}m_{021}^{(22)}m_{400}^{(21)} - m_{101}^{(11)}m_{021}^{(22)}m_{310}^{(20)} + m_{101}^{(11)}m_{021}^{(22)}m_{301}^{(10)}\\
&+m_{101}^{(11)}m_{021}^{(22)}m_{211}^{(00)} + m_{101}^{(11)}m_{012}^{(00)}m_{211}^{(21)} + m_{101}^{(11)}m_{012}^{(00)}m_{121}^{(20)} - m_{101}^{(11)}m_{012}^{(00)}m_{112}^{(10)}\\
&-m_{101}^{(11)}m_{012}^{(00)}m_{022}^{(00)} - m_{101}^{(11)}m_{012}^{(10)}m_{301}^{(21)} - m_{101}^{(11)}m_{012}^{(10)}m_{211}^{(20)} + m_{101}^{(11)}m_{012}^{(10)}m_{202}^{(10)}\\
&+m_{101}^{(11)}m_{012}^{(10)}m_{112}^{(00)} - m_{101}^{(11)}m_{012}^{(20)}m_{310}^{(21)} - m_{101}^{(11)}m_{012}^{(20)}m_{220}^{(20)} + m_{101}^{(11)}m_{012}^{(20)}m_{211}^{(10)}\\
&+m_{101}^{(11)}m_{012}^{(20)}m_{121}^{(00)} + m_{101}^{(11)}m_{012}^{(21)}m_{400}^{(21)} + m_{101}^{(11)}m_{012}^{(21)}m_{310}^{(20)} - m_{101}^{(11)}m_{012}^{(21)}m_{301}^{(10)}\\
&-m_{101}^{(11)}m_{012}^{(21)}m_{211}^{(00)} + m_{101}^{(20)}m_{210}^{(10)}m_{031}^{(22)} - m_{101}^{(20)}m_{210}^{(10)}m_{013}^{(11)} - m_{101}^{(20)}m_{210}^{(11)}m_{121}^{(22)}\\
&+m_{101}^{(20)}m_{210}^{(11)}m_{112}^{(21)} + 2m_{101}^{(20)}m_{210}^{(11)}m_{103}^{(11)} - m_{101}^{(20)}m_{210}^{(11)}m_{022}^{(20)} - m_{101}^{(20)}m_{210}^{(11)}m_{013}^{(10)}\\
&-m_{101}^{(20)}m_{210}^{(20)}m_{040}^{(22)} + m_{101}^{(20)}m_{210}^{(20)}m_{022}^{(11)} + m_{101}^{(20)}m_{210}^{(21)}m_{130}^{(22)} - 2m_{101}^{(20)}m_{210}^{(21)}m_{121}^{(21)}\\
&-3m_{101}^{(20)}m_{210}^{(21)}m_{112}^{(11)} + 2m_{101}^{(20)}m_{210}^{(21)}m_{031}^{(20)} + 2m_{101}^{(20)}m_{210}^{(21)}m_{022}^{(10)} + m_{101}^{(20)}m_{210}^{(22)}m_{130}^{(21)}\\
&+m_{101}^{(20)}m_{210}^{(22)}m_{121}^{(11)} - m_{101}^{(20)}m_{210}^{(22)}m_{040}^{(20)} - m_{101}^{(20)}m_{210}^{(22)}m_{031}^{(10)} - 2m_{101}^{(20)}m_{201}^{(10)}m_{031}^{(21)}\\
&+2m_{101}^{(20)}m_{201}^{(10)}m_{022}^{(11)} + 2m_{101}^{(20)}m_{201}^{(11)}m_{121}^{(21)} - 4m_{101}^{(20)}m_{201}^{(11)}m_{112}^{(11)} + 2m_{101}^{(20)}m_{201}^{(11)}m_{022}^{(10)}\\
&+2m_{101}^{(20)}m_{201}^{(20)}m_{040}^{(21)} - 2m_{101}^{(20)}m_{201}^{(20)}m_{031}^{(11)} - 2m_{101}^{(20)}m_{201}^{(21)}m_{130}^{(21)} + 6m_{101}^{(20)}m_{201}^{(21)}m_{121}^{(11)}\\
&-4m_{101}^{(20)}m_{201}^{(21)}m_{031}^{(10)} - 2m_{101}^{(20)}m_{201}^{(22)}m_{130}^{(11)} + 2m_{101}^{(20)}m_{201}^{(22)}m_{040}^{(10)} - m_{101}^{(20)}m_{120}^{(00)}m_{031}^{(22)}\\
&+m_{101}^{(20)}m_{120}^{(00)}m_{013}^{(11)} - 2m_{101}^{(20)}m_{120}^{(10)}m_{103}^{(11)} + 2m_{101}^{(20)}m_{120}^{(10)}m_{013}^{(10)} + m_{101}^{(20)}m_{120}^{(11)}m_{211}^{(22)}\\
&-2m_{101}^{(20)}m_{120}^{(11)}m_{202}^{(21)} + 2m_{101}^{(20)}m_{120}^{(11)}m_{112}^{(20)} - 2m_{101}^{(20)}m_{120}^{(11)}m_{103}^{(10)} + m_{101}^{(20)}m_{120}^{(11)}m_{013}^{(00)}\\
&+2m_{101}^{(20)}m_{120}^{(20)}m_{130}^{(22)} - 2m_{101}^{(20)}m_{120}^{(20)}m_{022}^{(10)} - 2m_{101}^{(20)}m_{120}^{(21)}m_{220}^{(22)} + 4m_{101}^{(20)}m_{120}^{(21)}m_{211}^{(21)}\\
&+2m_{101}^{(20)}m_{120}^{(21)}m_{202}^{(11)} - 4m_{101}^{(20)}m_{120}^{(21)}m_{121}^{(20)} + 2m_{101}^{(20)}m_{120}^{(21)}m_{112}^{(10)} - 2m_{101}^{(20)}m_{120}^{(21)}m_{022}^{(00)}
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&-2m_{101}^{(20)}m_{120}^{(22)}m_{220}^{(21)} - m_{101}^{(20)}m_{120}^{(22)}m_{211}^{(11)} + 2m_{101}^{(20)}m_{120}^{(22)}m_{130}^{(20)} + m_{101}^{(20)}m_{120}^{(22)}m_{031}^{(00)}\\
&+m_{101}^{(20)}m_{111}^{(00)}m_{040}^{(22)} + 2m_{101}^{(20)}m_{111}^{(00)}m_{031}^{(21)} - 3m_{101}^{(20)}m_{111}^{(00)}m_{022}^{(11)} - 2m_{101}^{(20)}m_{111}^{(10)}m_{130}^{(22)}\\
&+6m_{101}^{(20)}m_{111}^{(10)}m_{112}^{(11)} - 4m_{101}^{(20)}m_{111}^{(10)}m_{022}^{(10)} + m_{101}^{(20)}m_{111}^{(11)}m_{220}^{(22)} - 2m_{101}^{(20)}m_{111}^{(11)}m_{211}^{(21)}\\
&+2m_{101}^{(20)}m_{111}^{(11)}m_{112}^{(10)} - m_{101}^{(20)}m_{111}^{(11)}m_{022}^{(00)} - 4m_{101}^{(20)}m_{111}^{(20)}m_{130}^{(21)} + 4m_{101}^{(20)}m_{111}^{(20)}m_{031}^{(10)}\\
&+4m_{101}^{(20)}m_{111}^{(21)}m_{220}^{(21)} - 6m_{101}^{(20)}m_{111}^{(21)}m_{211}^{(11)} + 2m_{101}^{(20)}m_{111}^{(21)}m_{031}^{(00)} + 3m_{101}^{(20)}m_{111}^{(22)}m_{220}^{(11)}\\
&-2m_{101}^{(20)}m_{111}^{(22)}m_{130}^{(10)} - m_{101}^{(20)}m_{111}^{(22)}m_{040}^{(00)} - 2m_{101}^{(20)}m_{102}^{(00)}m_{040}^{(21)} + 2m_{101}^{(20)}m_{102}^{(00)}m_{031}^{(11)}\\
&+4m_{101}^{(20)}m_{102}^{(10)}m_{130}^{(21)} - 6m_{101}^{(20)}m_{102}^{(10)}m_{121}^{(11)} + 2m_{101}^{(20)}m_{102}^{(10)}m_{031}^{(10)} - 2m_{101}^{(20)}m_{102}^{(11)}m_{220}^{(21)}\\
&+4m_{101}^{(20)}m_{102}^{(11)}m_{211}^{(11)} - 2m_{101}^{(20)}m_{102}^{(11)}m_{121}^{(10)} + 2m_{101}^{(20)}m_{102}^{(20)}m_{130}^{(11)} - 2m_{101}^{(20)}m_{102}^{(20)}m_{040}^{(10)}\\
&-2m_{101}^{(20)}m_{102}^{(21)}m_{220}^{(11)} + 2m_{101}^{(20)}m_{102}^{(21)}m_{130}^{(10)} + m_{101}^{(20)}m_{030}^{(00)}m_{121}^{(22)} - m_{101}^{(20)}m_{030}^{(00)}m_{112}^{(21)}\\
&+m_{101}^{(20)}m_{030}^{(00)}m_{022}^{(20)} - m_{101}^{(20)}m_{030}^{(00)}m_{013}^{(10)} - m_{101}^{(20)}m_{030}^{(10)}m_{211}^{(22)} + 2m_{101}^{(20)}m_{030}^{(10)}m_{202}^{(21)}\\
&-2m_{101}^{(20)}m_{030}^{(10)}m_{112}^{(20)} + 2m_{101}^{(20)}m_{030}^{(10)}m_{103}^{(10)} - m_{101}^{(20)}m_{030}^{(10)}m_{013}^{(00)} - m_{101}^{(20)}m_{030}^{(20)}m_{220}^{(22)}\\
&+m_{101}^{(20)}m_{030}^{(20)}m_{022}^{(00)} + m_{101}^{(20)}m_{030}^{(21)}m_{310}^{(22)} - 2m_{101}^{(20)}m_{030}^{(21)}m_{301}^{(21)} + 2m_{101}^{(20)}m_{030}^{(21)}m_{211}^{(20)}\\
&-2m_{101}^{(20)}m_{030}^{(21)}m_{202}^{(10)} + m_{101}^{(20)}m_{030}^{(21)}m_{112}^{(00)} + m_{101}^{(20)}m_{030}^{(22)}m_{310}^{(21)} - m_{101}^{(20)}m_{030}^{(22)}m_{220}^{(20)}\\
&+m_{101}^{(20)}m_{030}^{(22)}m_{211}^{(10)} - m_{101}^{(20)}m_{030}^{(22)}m_{121}^{(00)} - m_{101}^{(20)}m_{021}^{(00)}m_{130}^{(22)} + m_{101}^{(20)}m_{021}^{(00)}m_{112}^{(11)}\\
&-2m_{101}^{(20)}m_{021}^{(00)}m_{031}^{(20)} + 2m_{101}^{(20)}m_{021}^{(00)}m_{022}^{(10)} + 2m_{101}^{(20)}m_{021}^{(10)}m_{220}^{(22)} - 2m_{101}^{(20)}m_{021}^{(10)}m_{211}^{(21)}\\
&-2m_{101}^{(20)}m_{021}^{(10)}m_{202}^{(11)} + 4m_{101}^{(20)}m_{021}^{(10)}m_{121}^{(20)} - 4m_{101}^{(20)}m_{021}^{(10)}m_{112}^{(10)} + 2m_{101}^{(20)}m_{021}^{(10)}m_{022}^{(00)}\\
&-m_{101}^{(20)}m_{021}^{(11)}m_{310}^{(22)} + 2m_{101}^{(20)}m_{021}^{(11)}m_{301}^{(21)} - 2m_{101}^{(20)}m_{021}^{(11)}m_{211}^{(20)} + 2m_{101}^{(20)}m_{021}^{(11)}m_{202}^{(10)}\\
&-m_{101}^{(20)}m_{021}^{(11)}m_{112}^{(00)} + 2m_{101}^{(20)}m_{021}^{(20)}m_{220}^{(21)} - 2m_{101}^{(20)}m_{021}^{(20)}m_{031}^{(00)} - 2m_{101}^{(20)}m_{021}^{(21)}m_{310}^{(21)}\\
&+2m_{101}^{(20)}m_{021}^{(21)}m_{301}^{(11)} - m_{101}^{(20)}m_{021}^{(22)}m_{310}^{(11)} + m_{101}^{(20)}m_{021}^{(22)}m_{130}^{(00)} + m_{101}^{(20)}m_{012}^{(00)}m_{130}^{(21)}\\
&-m_{101}^{(20)}m_{012}^{(00)}m_{121}^{(11)} + m_{101}^{(20)}m_{012}^{(00)}m_{040}^{(20)} - m_{101}^{(20)}m_{012}^{(00)}m_{031}^{(10)} - 2m_{101}^{(20)}m_{012}^{(10)}m_{220}^{(21)}\\
&+3m_{101}^{(20)}m_{012}^{(10)}m_{211}^{(11)} - 2m_{101}^{(20)}m_{012}^{(10)}m_{130}^{(20)} + 2m_{101}^{(20)}m_{012}^{(10)}m_{121}^{(10)} - m_{101}^{(20)}m_{012}^{(10)}m_{031}^{(00)}\\
&+m_{101}^{(20)}m_{012}^{(11)}m_{310}^{(21)} - 2m_{101}^{(20)}m_{012}^{(11)}m_{301}^{(11)} + m_{101}^{(20)}m_{012}^{(11)}m_{220}^{(20)} - m_{101}^{(20)}m_{012}^{(11)}m_{211}^{(10)}\\
&+m_{101}^{(20)}m_{012}^{(11)}m_{121}^{(00)} - m_{101}^{(20)}m_{012}^{(20)}m_{220}^{(11)} + m_{101}^{(20)}m_{012}^{(20)}m_{040}^{(00)} + m_{101}^{(20)}m_{012}^{(21)}m_{310}^{(11)}\\
&-m_{101}^{(20)}m_{012}^{(21)}m_{130}^{(00)} - m_{101}^{(21)}m_{210}^{(10)}m_{121}^{(22)} - 2m_{101}^{(21)}m_{210}^{(10)}m_{112}^{(21)} - m_{101}^{(21)}m_{210}^{(10)}m_{103}^{(11)}\\
&+2m_{101}^{(21)}m_{210}^{(10)}m_{022}^{(20)} + 2m_{101}^{(21)}m_{210}^{(10)}m_{013}^{(10)} + m_{101}^{(21)}m_{210}^{(11)}m_{211}^{(22)} + m_{101}^{(21)}m_{210}^{(11)}m_{202}^{(21)}\\
&-m_{101}^{(21)}m_{210}^{(11)}m_{112}^{(20)} - m_{101}^{(21)}m_{210}^{(11)}m_{103}^{(10)} + m_{101}^{(21)}m_{210}^{(20)}m_{130}^{(22)} + 2m_{101}^{(21)}m_{210}^{(20)}m_{121}^{(21)}\\
&+m_{101}^{(21)}m_{210}^{(20)}m_{112}^{(11)} - 2m_{101}^{(21)}m_{210}^{(20)}m_{031}^{(20)} - 2m_{101}^{(21)}m_{210}^{(20)}m_{022}^{(10)} - m_{101}^{(21)}m_{210}^{(21)}m_{220}^{(22)}\\
&+m_{101}^{(21)}m_{210}^{(21)}m_{202}^{(11)} - m_{101}^{(21)}m_{210}^{(22)}m_{220}^{(21)} - m_{101}^{(21)}m_{210}^{(22)}m_{211}^{(11)} + m_{101}^{(21)}m_{210}^{(22)}m_{130}^{(20)}\\
&+m_{101}^{(21)}m_{210}^{(22)}m_{121}^{(10)} + 2m_{101}^{(21)}m_{201}^{(10)}m_{121}^{(21)} + 2m_{101}^{(21)}m_{201}^{(10)}m_{112}^{(11)} - 4m_{101}^{(21)}m_{201}^{(10)}m_{022}^{(10)}\\
&-2m_{101}^{(21)}m_{201}^{(11)}m_{211}^{(21)} + 2m_{101}^{(21)}m_{201}^{(11)}m_{112}^{(10)} - 2m_{101}^{(21)}m_{201}^{(20)}m_{130}^{(21)} - 2m_{101}^{(21)}m_{201}^{(20)}m_{121}^{(11)}\\
&+4m_{101}^{(21)}m_{201}^{(20)}m_{031}^{(10)} + 2m_{101}^{(21)}m_{201}^{(21)}m_{220}^{(21)} - 2m_{101}^{(21)}m_{201}^{(21)}m_{211}^{(11)} + 2m_{101}^{(21)}m_{201}^{(22)}m_{220}^{(11)}\\
&-2m_{101}^{(21)}m_{201}^{(22)}m_{130}^{(10)} + m_{101}^{(21)}m_{120}^{(00)}m_{121}^{(22)} + 2m_{101}^{(21)}m_{120}^{(00)}m_{112}^{(21)} + m_{101}^{(21)}m_{120}^{(00)}m_{103}^{(11)}\\
&-2m_{101}^{(21)}m_{120}^{(00)}m_{022}^{(20)} - 2m_{101}^{(21)}m_{120}^{(00)}m_{013}^{(10)} + 2m_{101}^{(21)}m_{120}^{(10)}m_{103}^{(10)} - 2m_{101}^{(21)}m_{120}^{(10)}m_{013}^{(00)}\\
&-m_{101}^{(21)}m_{120}^{(11)}m_{301}^{(22)} + m_{101}^{(21)}m_{120}^{(11)}m_{103}^{(00)} - 2m_{101}^{(21)}m_{120}^{(20)}m_{220}^{(22)} - 4m_{101}^{(21)}m_{120}^{(20)}m_{211}^{(21)}\\
&-2m_{101}^{(21)}m_{120}^{(20)}m_{202}^{(11)} + 4m_{101}^{(21)}m_{120}^{(20)}m_{121}^{(20)} + 2m_{101}^{(21)}m_{120}^{(20)}m_{112}^{(10)} + 2m_{101}^{(21)}m_{120}^{(20)}m_{022}^{(00)}\\
&+2m_{101}^{(21)}m_{120}^{(21)}m_{310}^{(22)} - 2m_{101}^{(21)}m_{120}^{(21)}m_{202}^{(10)} + 2m_{101}^{(21)}m_{120}^{(22)}m_{310}^{(21)} + m_{101}^{(21)}m_{120}^{(22)}m_{301}^{(11)}\\
&-2m_{101}^{(21)}m_{120}^{(22)}m_{220}^{(20)} - m_{101}^{(21)}m_{120}^{(22)}m_{121}^{(00)} - m_{101}^{(21)}m_{111}^{(00)}m_{130}^{(22)} - 4m_{101}^{(21)}m_{111}^{(00)}m_{121}^{(21)}\\
&-3m_{101}^{(21)}m_{111}^{(00)}m_{112}^{(11)} + 2m_{101}^{(21)}m_{111}^{(00)}m_{031}^{(20)} + 6m_{101}^{(21)}m_{111}^{(00)}m_{022}^{(10)} + 2m_{101}^{(21)}m_{111}^{(10)}m_{220}^{(22)}
\end{aligned}
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$$+4m_{101}^{(21)}m_{111}^{(10)}m_{211}^{(21)} - 4m_{101}^{(21)}m_{111}^{(10)}m_{121}^{(20)} - 4m_{101}^{(21)}m_{111}^{(10)}m_{112}^{(10)} + 2m_{101}^{(21)}m_{111}^{(10)}m_{022}^{(00)}$$
$$-m_{101}^{(21)}m_{111}^{(11)}m_{310}^{(22)} + 2m_{101}^{(21)}m_{111}^{(11)}m_{211}^{(20)} - m_{101}^{(21)}m_{111}^{(11)}m_{112}^{(00)} + 4m_{101}^{(21)}m_{111}^{(20)}m_{220}^{(21)}$$
$$+6m_{101}^{(21)}m_{111}^{(20)}m_{211}^{(11)} - 8m_{101}^{(21)}m_{111}^{(20)}m_{121}^{(10)} - 2m_{101}^{(21)}m_{111}^{(20)}m_{031}^{(00)} - 4m_{101}^{(21)}m_{111}^{(21)}m_{310}^{(21)}$$
$$+4m_{101}^{(21)}m_{111}^{(21)}m_{211}^{(10)} - 3m_{101}^{(21)}m_{111}^{(22)}m_{310}^{(11)} + 2m_{101}^{(21)}m_{111}^{(22)}m_{220}^{(10)} + m_{101}^{(21)}m_{111}^{(22)}m_{130}^{(00)}$$
$$+2m_{101}^{(21)}m_{102}^{(00)}m_{130}^{(21)} + 2m_{101}^{(21)}m_{102}^{(00)}m_{121}^{(11)} - 4m_{101}^{(21)}m_{102}^{(00)}m_{031}^{(10)} - 4m_{101}^{(21)}m_{102}^{(10)}m_{220}^{(21)}$$
$$-2m_{101}^{(21)}m_{102}^{(10)}m_{211}^{(11)} + 6m_{101}^{(21)}m_{102}^{(10)}m_{121}^{(10)} + 2m_{101}^{(21)}m_{102}^{(11)}m_{310}^{(21)} - 2m_{101}^{(21)}m_{102}^{(11)}m_{211}^{(10)}$$
$$-2m_{101}^{(21)}m_{102}^{(20)}m_{220}^{(11)} + 2m_{101}^{(21)}m_{102}^{(20)}m_{130}^{(10)} + 2m_{101}^{(21)}m_{102}^{(21)}m_{310}^{(11)} - 2m_{101}^{(21)}m_{102}^{(21)}m_{220}^{(10)}$$
$$-m_{101}^{(21)}m_{030}^{(00)}m_{211}^{(22)} - m_{101}^{(21)}m_{030}^{(00)}m_{202}^{(21)} + m_{101}^{(21)}m_{030}^{(00)}m_{112}^{(20)} - m_{101}^{(21)}m_{030}^{(00)}m_{103}^{(10)}$$
$$+2m_{101}^{(21)}m_{030}^{(00)}m_{013}^{(00)} + m_{101}^{(21)}m_{030}^{(10)}m_{301}^{(22)} - m_{101}^{(21)}m_{030}^{(10)}m_{103}^{(00)} + m_{101}^{(21)}m_{030}^{(20)}m_{310}^{(22)}$$
$$+2m_{101}^{(21)}m_{030}^{(20)}m_{301}^{(21)} - 2m_{101}^{(21)}m_{030}^{(20)}m_{211}^{(20)} + 2m_{101}^{(21)}m_{030}^{(20)}m_{202}^{(10)} - 3m_{101}^{(21)}m_{030}^{(20)}m_{112}^{(00)}$$
$$-m_{101}^{(21)}m_{030}^{(21)}m_{400}^{(22)} + m_{101}^{(21)}m_{030}^{(21)}m_{202}^{(00)} - m_{101}^{(21)}m_{030}^{(22)}m_{400}^{(21)} + m_{101}^{(21)}m_{030}^{(22)}m_{310}^{(20)}$$
$$-m_{101}^{(21)}m_{030}^{(22)}m_{301}^{(10)} + m_{101}^{(21)}m_{030}^{(22)}m_{211}^{(00)} + m_{101}^{(21)}m_{021}^{(00)}m_{220}^{(22)} + 2m_{101}^{(21)}m_{021}^{(00)}m_{211}^{(21)}$$
$$+m_{101}^{(21)}m_{021}^{(00)}m_{202}^{(11)} - 4m_{101}^{(21)}m_{021}^{(00)}m_{022}^{(00)} - 2m_{101}^{(21)}m_{021}^{(10)}m_{310}^{(22)} - 2m_{101}^{(21)}m_{021}^{(10)}m_{301}^{(21)}$$
$$+4m_{101}^{(21)}m_{021}^{(10)}m_{112}^{(00)} + m_{101}^{(21)}m_{021}^{(11)}m_{400}^{(22)} - m_{101}^{(21)}m_{021}^{(11)}m_{202}^{(00)} - 2m_{101}^{(21)}m_{021}^{(20)}m_{310}^{(21)}$$
$$-2m_{101}^{(21)}m_{021}^{(20)}m_{301}^{(11)} + 4m_{101}^{(21)}m_{021}^{(20)}m_{121}^{(00)} + 2m_{101}^{(21)}m_{021}^{(21)}m_{400}^{(21)} - 2m_{101}^{(21)}m_{021}^{(21)}m_{211}^{(00)}$$
$$+m_{101}^{(21)}m_{021}^{(22)}m_{400}^{(11)} - m_{101}^{(21)}m_{021}^{(22)}m_{220}^{(00)} - m_{101}^{(21)}m_{012}^{(00)}m_{220}^{(21)} - m_{101}^{(21)}m_{012}^{(00)}m_{211}^{(11)}$$
$$-m_{101}^{(21)}m_{012}^{(00)}m_{130}^{(20)} + m_{101}^{(21)}m_{012}^{(00)}m_{121}^{(10)} + 2m_{101}^{(21)}m_{012}^{(00)}m_{031}^{(00)} + 2m_{101}^{(21)}m_{012}^{(10)}m_{310}^{(21)}$$
$$+m_{101}^{(21)}m_{012}^{(10)}m_{301}^{(11)} + 2m_{101}^{(21)}m_{012}^{(10)}m_{220}^{(20)} - 2m_{101}^{(21)}m_{012}^{(10)}m_{211}^{(10)} - 3m_{101}^{(21)}m_{012}^{(10)}m_{121}^{(00)}$$
$$-m_{101}^{(21)}m_{012}^{(11)}m_{400}^{(21)} - m_{101}^{(21)}m_{012}^{(11)}m_{310}^{(20)} + m_{101}^{(21)}m_{012}^{(11)}m_{301}^{(10)} + m_{101}^{(21)}m_{012}^{(11)}m_{211}^{(00)}$$
$$+m_{101}^{(21)}m_{012}^{(20)}m_{310}^{(11)} - m_{101}^{(21)}m_{012}^{(20)}m_{130}^{(00)} - m_{101}^{(21)}m_{012}^{(21)}m_{400}^{(11)} + m_{101}^{(21)}m_{012}^{(21)}m_{220}^{(00)}$$
$$+m_{101}^{(22)}m_{210}^{(10)}m_{121}^{(21)} + m_{101}^{(22)}m_{210}^{(10)}m_{112}^{(11)} - m_{101}^{(22)}m_{210}^{(10)}m_{031}^{(20)} - m_{101}^{(22)}m_{210}^{(10)}m_{022}^{(10)}$$
$$-m_{101}^{(22)}m_{210}^{(11)}m_{211}^{(21)} - m_{101}^{(22)}m_{210}^{(11)}m_{202}^{(11)} + m_{101}^{(22)}m_{210}^{(11)}m_{121}^{(20)} + m_{101}^{(22)}m_{210}^{(11)}m_{112}^{(10)}$$
$$-m_{101}^{(22)}m_{210}^{(20)}m_{130}^{(21)} - m_{101}^{(22)}m_{210}^{(20)}m_{121}^{(11)} + m_{101}^{(22)}m_{210}^{(20)}m_{040}^{(20)} + m_{101}^{(22)}m_{210}^{(20)}m_{031}^{(10)}$$
$$+m_{101}^{(22)}m_{210}^{(21)}m_{220}^{(21)} + m_{101}^{(22)}m_{210}^{(21)}m_{211}^{(11)} - m_{101}^{(22)}m_{210}^{(21)}m_{130}^{(20)} - m_{101}^{(22)}m_{210}^{(21)}m_{121}^{(10)}$$
$$-2m_{101}^{(22)}m_{201}^{(10)}m_{121}^{(11)} + 2m_{101}^{(22)}m_{201}^{(10)}m_{031}^{(10)} + 2m_{101}^{(22)}m_{201}^{(11)}m_{211}^{(11)} - 2m_{101}^{(22)}m_{201}^{(11)}m_{121}^{(10)}$$
$$+2m_{101}^{(22)}m_{201}^{(20)}m_{130}^{(11)} - 2m_{101}^{(22)}m_{201}^{(20)}m_{040}^{(10)} - 2m_{101}^{(22)}m_{201}^{(21)}m_{220}^{(11)} + 2m_{101}^{(22)}m_{201}^{(21)}m_{130}^{(10)}$$
$$-m_{101}^{(22)}m_{120}^{(00)}m_{121}^{(21)} - m_{101}^{(22)}m_{120}^{(00)}m_{112}^{(11)} + m_{101}^{(22)}m_{120}^{(00)}m_{031}^{(20)} + m_{101}^{(22)}m_{120}^{(00)}m_{022}^{(10)}$$
$$+m_{101}^{(22)}m_{120}^{(10)}m_{202}^{(11)} - 2m_{101}^{(22)}m_{120}^{(10)}m_{112}^{(10)} + m_{101}^{(22)}m_{120}^{(10)}m_{022}^{(00)} + m_{101}^{(22)}m_{120}^{(11)}m_{301}^{(21)}$$
$$-m_{101}^{(22)}m_{120}^{(11)}m_{211}^{(20)} + m_{101}^{(22)}m_{120}^{(11)}m_{202}^{(10)} - m_{101}^{(22)}m_{120}^{(11)}m_{112}^{(00)} + 2m_{101}^{(22)}m_{120}^{(20)}m_{220}^{(21)}$$
$$+m_{101}^{(22)}m_{120}^{(20)}m_{211}^{(11)} - 2m_{101}^{(22)}m_{120}^{(20)}m_{130}^{(20)} - m_{101}^{(22)}m_{120}^{(20)}m_{031}^{(00)} - 2m_{101}^{(22)}m_{120}^{(21)}m_{310}^{(21)}$$
$$-m_{101}^{(22)}m_{120}^{(21)}m_{301}^{(11)} + 2m_{101}^{(22)}m_{120}^{(21)}m_{220}^{(20)} + m_{101}^{(22)}m_{120}^{(21)}m_{121}^{(00)} + m_{101}^{(22)}m_{111}^{(00)}m_{130}^{(21)}$$
$$+3m_{101}^{(22)}m_{111}^{(00)}m_{121}^{(11)} - m_{101}^{(22)}m_{111}^{(00)}m_{040}^{(20)} - 3m_{101}^{(22)}m_{111}^{(00)}m_{031}^{(10)} - 2m_{101}^{(22)}m_{111}^{(10)}m_{220}^{(21)}$$
$$-3m_{101}^{(22)}m_{111}^{(10)}m_{211}^{(11)} + 2m_{101}^{(22)}m_{111}^{(10)}m_{130}^{(20)} + 4m_{101}^{(22)}m_{111}^{(10)}m_{121}^{(10)} - m_{101}^{(22)}m_{111}^{(10)}m_{031}^{(00)}$$
$$+m_{101}^{(22)}m_{111}^{(11)}m_{310}^{(21)} - m_{101}^{(22)}m_{111}^{(11)}m_{220}^{(20)} - m_{101}^{(22)}m_{111}^{(11)}m_{211}^{(10)} + m_{101}^{(22)}m_{111}^{(11)}m_{121}^{(00)}$$
$$-3m_{101}^{(22)}m_{111}^{(20)}m_{220}^{(11)} + 2m_{101}^{(22)}m_{111}^{(20)}m_{130}^{(10)} + m_{101}^{(22)}m_{111}^{(20)}m_{040}^{(00)} + 3m_{101}^{(22)}m_{111}^{(21)}m_{310}^{(11)}$$
$$-2m_{101}^{(22)}m_{111}^{(21)}m_{220}^{(10)} - m_{101}^{(22)}m_{111}^{(21)}m_{130}^{(00)} - 2m_{101}^{(22)}m_{102}^{(00)}m_{130}^{(11)} + 2m_{101}^{(22)}m_{102}^{(00)}m_{040}^{(10)}$$
$$+4m_{101}^{(22)}m_{102}^{(10)}m_{220}^{(11)} - 4m_{101}^{(22)}m_{102}^{(10)}m_{130}^{(10)} - 2m_{101}^{(22)}m_{102}^{(11)}m_{310}^{(11)} + 2m_{101}^{(22)}m_{102}^{(11)}m_{220}^{(10)}$$
$$+m_{101}^{(22)}m_{030}^{(00)}m_{211}^{(21)} - m_{101}^{(22)}m_{030}^{(00)}m_{121}^{(20)} + m_{101}^{(22)}m_{030}^{(00)}m_{112}^{(10)} - m_{101}^{(22)}m_{030}^{(00)}m_{022}^{(00)}$$

$$
\begin{aligned}
&-m_{101}^{(22)}m_{030}^{(10)}m_{301}^{(21)}+m_{101}^{(22)}m_{030}^{(10)}m_{211}^{(20)}-m_{101}^{(22)}m_{030}^{(10)}m_{202}^{(10)}+m_{101}^{(22)}m_{030}^{(10)}m_{112}^{(00)}\\
&-m_{101}^{(22)}m_{030}^{(20)}m_{310}^{(21)}+m_{101}^{(22)}m_{030}^{(20)}m_{220}^{(20)}-m_{101}^{(22)}m_{030}^{(20)}m_{211}^{(10)}+m_{101}^{(22)}m_{030}^{(20)}m_{121}^{(00)}\\
&+m_{101}^{(22)}m_{030}^{(21)}m_{400}^{(21)}-m_{101}^{(22)}m_{030}^{(21)}m_{310}^{(20)}+m_{101}^{(22)}m_{030}^{(21)}m_{301}^{(10)}-m_{101}^{(22)}m_{030}^{(21)}m_{211}^{(00)}\\
&-m_{101}^{(22)}m_{021}^{(00)}m_{220}^{(21)}-m_{101}^{(22)}m_{021}^{(00)}m_{211}^{(11)}+m_{101}^{(22)}m_{021}^{(00)}m_{130}^{(20)}-m_{101}^{(22)}m_{021}^{(00)}m_{121}^{(10)}\\
&+2m_{101}^{(22)}m_{021}^{(00)}m_{031}^{(00)}+2m_{101}^{(22)}m_{021}^{(10)}m_{310}^{(21)}+m_{101}^{(22)}m_{021}^{(10)}m_{301}^{(11)}-2m_{101}^{(22)}m_{021}^{(10)}m_{220}^{(20)}\\
&+2m_{101}^{(22)}m_{021}^{(10)}m_{211}^{(10)}-3m_{101}^{(22)}m_{021}^{(10)}m_{121}^{(00)}-m_{101}^{(22)}m_{021}^{(11)}m_{400}^{(21)}+m_{101}^{(22)}m_{021}^{(11)}m_{310}^{(20)}\\
&-m_{101}^{(22)}m_{021}^{(11)}m_{301}^{(10)}+m_{101}^{(22)}m_{021}^{(11)}m_{211}^{(00)}+m_{101}^{(22)}m_{021}^{(20)}m_{310}^{(11)}-m_{101}^{(22)}m_{021}^{(20)}m_{130}^{(00)}\\
&-m_{101}^{(22)}m_{021}^{(21)}m_{400}^{(11)}+m_{101}^{(22)}m_{021}^{(21)}m_{220}^{(00)}+m_{101}^{(22)}m_{012}^{(00)}m_{220}^{(11)}-m_{101}^{(22)}m_{012}^{(00)}m_{040}^{(00)}\\
&-2m_{101}^{(22)}m_{012}^{(10)}m_{310}^{(11)}+2m_{101}^{(22)}m_{012}^{(10)}m_{130}^{(00)}+m_{101}^{(22)}m_{012}^{(11)}m_{400}^{(11)}-m_{101}^{(22)}m_{012}^{(11)}m_{220}^{(00)}\\
&+m_{020}^{(00)}m_{300}^{(11)}m_{013}^{(22)}-m_{020}^{(00)}m_{300}^{(11)}m_{004}^{(21)}-2m_{020}^{(00)}m_{300}^{(21)}m_{022}^{(22)}+2m_{020}^{(00)}m_{300}^{(21)}m_{013}^{(21)}\\
&+m_{020}^{(00)}m_{300}^{(22)}m_{031}^{(22)}-m_{020}^{(00)}m_{300}^{(22)}m_{022}^{(21)}-m_{020}^{(00)}m_{210}^{(10)}m_{013}^{(22)}+m_{020}^{(00)}m_{210}^{(10)}m_{004}^{(21)}\\
&+m_{020}^{(00)}m_{210}^{(20)}m_{022}^{(22)}-m_{020}^{(00)}m_{210}^{(20)}m_{013}^{(21)}+m_{020}^{(00)}m_{210}^{(21)}m_{112}^{(22)}-m_{020}^{(00)}m_{210}^{(21)}m_{103}^{(21)}\\
&-m_{020}^{(00)}m_{210}^{(22)}m_{121}^{(22)}+m_{020}^{(00)}m_{210}^{(22)}m_{112}^{(21)}+m_{020}^{(00)}m_{201}^{(10)}m_{022}^{(22)}-m_{020}^{(00)}m_{201}^{(10)}m_{013}^{(21)}\\
&-2m_{020}^{(00)}m_{201}^{(11)}m_{112}^{(22)}+2m_{020}^{(00)}m_{201}^{(11)}m_{103}^{(21)}-m_{020}^{(00)}m_{201}^{(11)}m_{013}^{(20)}+m_{020}^{(00)}m_{201}^{(11)}m_{004}^{(10)}\\
&-m_{020}^{(00)}m_{201}^{(20)}m_{031}^{(22)}+m_{020}^{(00)}m_{201}^{(20)}m_{022}^{(21)}+3m_{020}^{(00)}m_{201}^{(21)}m_{121}^{(22)}-3m_{020}^{(00)}m_{201}^{(21)}m_{112}^{(21)}\\
&+2m_{020}^{(00)}m_{201}^{(21)}m_{022}^{(20)}-2m_{020}^{(00)}m_{201}^{(21)}m_{013}^{(10)}-m_{020}^{(00)}m_{201}^{(22)}m_{130}^{(22)}+m_{020}^{(00)}m_{201}^{(22)}m_{121}^{(21)}\\
&-m_{020}^{(00)}m_{201}^{(22)}m_{031}^{(20)}+m_{020}^{(00)}m_{201}^{(22)}m_{022}^{(10)}+m_{020}^{(00)}m_{111}^{(10)}m_{112}^{(22)}-m_{020}^{(00)}m_{111}^{(10)}m_{103}^{(21)}\\
&+m_{020}^{(00)}m_{111}^{(10)}m_{013}^{(20)}-m_{020}^{(00)}m_{111}^{(10)}m_{004}^{(10)}-m_{020}^{(00)}m_{111}^{(20)}m_{121}^{(22)}+m_{020}^{(00)}m_{111}^{(20)}m_{112}^{(21)}\\
&-m_{020}^{(00)}m_{111}^{(20)}m_{022}^{(20)}+m_{020}^{(00)}m_{111}^{(20)}m_{013}^{(10)}-m_{020}^{(00)}m_{111}^{(21)}m_{211}^{(22)}+m_{020}^{(00)}m_{111}^{(21)}m_{202}^{(21)}\\
&-m_{020}^{(00)}m_{111}^{(21)}m_{112}^{(20)}+m_{020}^{(00)}m_{111}^{(21)}m_{103}^{(10)}+m_{020}^{(00)}m_{111}^{(22)}m_{220}^{(22)}-m_{020}^{(00)}m_{111}^{(22)}m_{211}^{(21)}\\
&+m_{020}^{(00)}m_{111}^{(22)}m_{121}^{(20)}-m_{020}^{(00)}m_{111}^{(22)}m_{112}^{(10)}-m_{020}^{(00)}m_{102}^{(10)}m_{121}^{(22)}+m_{020}^{(00)}m_{102}^{(10)}m_{112}^{(21)}\\
&-m_{020}^{(00)}m_{102}^{(10)}m_{022}^{(20)}+m_{020}^{(00)}m_{102}^{(10)}m_{013}^{(10)}+m_{020}^{(00)}m_{102}^{(11)}m_{211}^{(22)}-m_{020}^{(00)}m_{102}^{(11)}m_{202}^{(21)}\\
&+2m_{020}^{(00)}m_{102}^{(11)}m_{112}^{(20)}-2m_{020}^{(00)}m_{102}^{(11)}m_{103}^{(10)}+m_{020}^{(00)}m_{102}^{(20)}m_{130}^{(22)}-m_{020}^{(00)}m_{102}^{(20)}m_{121}^{(21)}\\
&+m_{020}^{(00)}m_{102}^{(20)}m_{031}^{(20)}-m_{020}^{(00)}m_{102}^{(20)}m_{022}^{(10)}-m_{020}^{(00)}m_{102}^{(21)}m_{220}^{(22)}+m_{020}^{(00)}m_{102}^{(21)}m_{211}^{(21)}\\
&-3m_{020}^{(00)}m_{102}^{(21)}m_{121}^{(20)}+3m_{020}^{(00)}m_{102}^{(21)}m_{112}^{(10)}+m_{020}^{(00)}m_{102}^{(22)}m_{130}^{(20)}-m_{020}^{(00)}m_{102}^{(22)}m_{121}^{(10)}\\
&-m_{020}^{(00)}m_{012}^{(10)}m_{112}^{(20)}+m_{020}^{(00)}m_{012}^{(10)}m_{103}^{(10)}+m_{020}^{(00)}m_{012}^{(20)}m_{121}^{(20)}-m_{020}^{(00)}m_{012}^{(20)}m_{112}^{(10)}\\
&+m_{020}^{(00)}m_{012}^{(21)}m_{211}^{(20)}-m_{020}^{(00)}m_{012}^{(21)}m_{202}^{(10)}-m_{020}^{(00)}m_{012}^{(22)}m_{220}^{(20)}+m_{020}^{(00)}m_{012}^{(22)}m_{211}^{(10)}\\
&+m_{020}^{(00)}m_{003}^{(10)}m_{121}^{(20)}-m_{020}^{(00)}m_{003}^{(10)}m_{112}^{(10)}-m_{020}^{(00)}m_{003}^{(11)}m_{211}^{(20)}+m_{020}^{(00)}m_{003}^{(11)}m_{202}^{(10)}\\
&-m_{020}^{(00)}m_{003}^{(20)}m_{130}^{(20)}+m_{020}^{(00)}m_{003}^{(20)}m_{121}^{(10)}+m_{020}^{(00)}m_{003}^{(21)}m_{220}^{(20)}-m_{020}^{(00)}m_{003}^{(21)}m_{211}^{(10)}\\
&-m_{020}^{(10)}m_{300}^{(10)}m_{013}^{(22)}+m_{020}^{(10)}m_{300}^{(10)}m_{004}^{(21)}-m_{020}^{(10)}m_{300}^{(11)}m_{103}^{(22)}+m_{020}^{(10)}m_{300}^{(11)}m_{004}^{(20)}\\
&+m_{020}^{(10)}m_{300}^{(20)}m_{022}^{(22)}-m_{020}^{(10)}m_{300}^{(20)}m_{013}^{(21)}+3m_{020}^{(10)}m_{300}^{(21)}m_{112}^{(22)}-m_{020}^{(10)}m_{300}^{(21)}m_{103}^{(21)}\\
&-2m_{020}^{(10)}m_{300}^{(21)}m_{013}^{(20)}-2m_{020}^{(10)}m_{300}^{(22)}m_{121}^{(22)}+m_{020}^{(10)}m_{300}^{(22)}m_{112}^{(21)}+m_{020}^{(10)}m_{300}^{(22)}m_{022}^{(20)}\\
&+m_{020}^{(10)}m_{210}^{(00)}m_{013}^{(22)}-m_{020}^{(10)}m_{210}^{(00)}m_{004}^{(21)}+m_{020}^{(10)}m_{210}^{(10)}m_{103}^{(22)}-m_{020}^{(10)}m_{210}^{(10)}m_{004}^{(20)}\\
&-3m_{020}^{(10)}m_{210}^{(20)}m_{112}^{(22)}+2m_{020}^{(10)}m_{210}^{(20)}m_{103}^{(21)}+m_{020}^{(10)}m_{210}^{(20)}m_{013}^{(20)}-m_{020}^{(10)}m_{210}^{(21)}m_{202}^{(22)}\\
&+m_{020}^{(10)}m_{210}^{(21)}m_{103}^{(20)}+2m_{020}^{(10)}m_{210}^{(22)}m_{211}^{(22)}-m_{020}^{(10)}m_{210}^{(22)}m_{202}^{(21)}-m_{020}^{(10)}m_{210}^{(22)}m_{112}^{(20)}\\
&-m_{020}^{(10)}m_{201}^{(00)}m_{022}^{(22)}+m_{020}^{(10)}m_{201}^{(00)}m_{013}^{(21)}+m_{020}^{(10)}m_{201}^{(10)}m_{112}^{(22)}-2m_{020}^{(10)}m_{201}^{(10)}m_{103}^{(21)}\\
&+2m_{020}^{(10)}m_{201}^{(10)}m_{013}^{(20)}-m_{020}^{(10)}m_{201}^{(10)}m_{004}^{(10)}+2m_{020}^{(10)}m_{201}^{(11)}m_{202}^{(22)}-m_{020}^{(10)}m_{201}^{(11)}m_{103}^{(20)}\\
&-m_{020}^{(10)}m_{201}^{(11)}m_{004}^{(00)}+m_{020}^{(10)}m_{201}^{(20)}m_{121}^{(22)}-2m_{020}^{(10)}m_{201}^{(20)}m_{022}^{(20)}+m_{020}^{(10)}m_{201}^{(20)}m_{013}^{(10)}
\end{aligned}
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\begin{aligned}
&-5m_{020}^{(10)}m_{201}^{(21)}m_{211}^{(22)} + 2m_{020}^{(10)}m_{201}^{(21)}m_{202}^{(21)} + m_{020}^{(10)}m_{201}^{(21)}m_{103}^{(10)} + 2m_{020}^{(10)}m_{201}^{(21)}m_{013}^{(00)}\\
&+2m_{020}^{(10)}m_{201}^{(22)}m_{220}^{(22)} - m_{020}^{(10)}m_{201}^{(22)}m_{211}^{(21)} + m_{020}^{(10)}m_{201}^{(22)}m_{121}^{(20)} - m_{020}^{(10)}m_{201}^{(22)}m_{112}^{(10)}\\
&-m_{020}^{(10)}m_{201}^{(22)}m_{022}^{(00)} - m_{020}^{(10)}m_{111}^{(00)}m_{112}^{(22)} + m_{020}^{(10)}m_{111}^{(00)}m_{103}^{(21)} - m_{020}^{(10)}m_{111}^{(00)}m_{013}^{(20)}\\
&+m_{020}^{(10)}m_{111}^{(00)}m_{004}^{(10)} - m_{020}^{(10)}m_{111}^{(10)}m_{202}^{(22)} + m_{020}^{(10)}m_{111}^{(10)}m_{004}^{(00)} + 3m_{020}^{(10)}m_{111}^{(20)}m_{211}^{(22)}\\
&-2m_{020}^{(10)}m_{111}^{(20)}m_{202}^{(21)} + 2m_{020}^{(10)}m_{111}^{(20)}m_{112}^{(20)} - 2m_{020}^{(10)}m_{111}^{(20)}m_{103}^{(10)} - m_{020}^{(10)}m_{111}^{(20)}m_{013}^{(00)}\\
&+m_{020}^{(10)}m_{111}^{(21)}m_{301}^{(22)} - m_{020}^{(10)}m_{111}^{(21)}m_{103}^{(00)} - 2m_{020}^{(10)}m_{111}^{(22)}m_{310}^{(22)} + m_{020}^{(10)}m_{111}^{(22)}m_{301}^{(21)}\\
&-m_{020}^{(10)}m_{111}^{(22)}m_{211}^{(20)} + m_{020}^{(10)}m_{111}^{(22)}m_{202}^{(10)} + m_{020}^{(10)}m_{111}^{(22)}m_{112}^{(00)} + m_{020}^{(10)}m_{102}^{(00)}m_{121}^{(22)}\\
&-m_{020}^{(10)}m_{102}^{(00)}m_{112}^{(21)} + m_{020}^{(10)}m_{102}^{(00)}m_{022}^{(20)} - m_{020}^{(10)}m_{102}^{(00)}m_{013}^{(10)} + m_{020}^{(10)}m_{102}^{(10)}m_{202}^{(21)}\\
&-2m_{020}^{(10)}m_{102}^{(10)}m_{112}^{(20)} + 2m_{020}^{(10)}m_{102}^{(10)}m_{103}^{(10)} - m_{020}^{(10)}m_{102}^{(10)}m_{013}^{(00)} - m_{020}^{(10)}m_{102}^{(11)}m_{301}^{(22)}\\
&-m_{020}^{(10)}m_{102}^{(11)}m_{202}^{(20)} + 2m_{020}^{(10)}m_{102}^{(11)}m_{103}^{(00)} - 2m_{020}^{(10)}m_{102}^{(20)}m_{220}^{(22)} + m_{020}^{(10)}m_{102}^{(20)}m_{211}^{(21)}\\
&+m_{020}^{(10)}m_{102}^{(20)}m_{022}^{(00)} + 2m_{020}^{(10)}m_{102}^{(21)}m_{310}^{(22)} - m_{020}^{(10)}m_{102}^{(21)}m_{301}^{(21)} + 4m_{020}^{(10)}m_{102}^{(21)}m_{211}^{(20)}\\
&-2m_{020}^{(10)}m_{102}^{(21)}m_{202}^{(10)} - 3m_{020}^{(10)}m_{102}^{(21)}m_{112}^{(00)} - 2m_{020}^{(10)}m_{102}^{(22)}m_{220}^{(20)} + m_{020}^{(10)}m_{102}^{(22)}m_{211}^{(10)}\\
&+m_{020}^{(10)}m_{102}^{(22)}m_{121}^{(00)} + m_{020}^{(10)}m_{012}^{(00)}m_{112}^{(20)} - m_{020}^{(10)}m_{012}^{(00)}m_{103}^{(10)} + m_{020}^{(10)}m_{012}^{(10)}m_{202}^{(20)}\\
&-m_{020}^{(10)}m_{012}^{(10)}m_{103}^{(00)} - 3m_{020}^{(10)}m_{012}^{(20)}m_{211}^{(20)} + 2m_{020}^{(10)}m_{012}^{(20)}m_{202}^{(10)} + m_{020}^{(10)}m_{012}^{(20)}m_{112}^{(00)}\\
&-m_{020}^{(10)}m_{012}^{(21)}m_{301}^{(20)} + m_{020}^{(10)}m_{012}^{(21)}m_{202}^{(00)} + 2m_{020}^{(10)}m_{012}^{(22)}m_{310}^{(20)} - m_{020}^{(10)}m_{012}^{(22)}m_{301}^{(10)}\\
&-m_{020}^{(10)}m_{012}^{(22)}m_{211}^{(00)} - m_{020}^{(10)}m_{003}^{(00)}m_{121}^{(20)} + m_{020}^{(10)}m_{003}^{(00)}m_{112}^{(10)} - m_{020}^{(10)}m_{003}^{(10)}m_{202}^{(10)}\\
&+m_{020}^{(10)}m_{003}^{(10)}m_{112}^{(00)} + m_{020}^{(10)}m_{003}^{(11)}m_{301}^{(20)} - m_{020}^{(10)}m_{003}^{(11)}m_{202}^{(00)} + 2m_{020}^{(10)}m_{003}^{(20)}m_{220}^{(20)}\\
&-m_{020}^{(10)}m_{003}^{(20)}m_{211}^{(10)} - m_{020}^{(10)}m_{003}^{(20)}m_{121}^{(00)} - 2m_{020}^{(10)}m_{003}^{(21)}m_{310}^{(20)} + m_{020}^{(10)}m_{003}^{(21)}m_{301}^{(10)}\\
&+m_{020}^{(10)}m_{003}^{(21)}m_{211}^{(00)} + m_{020}^{(11)}m_{300}^{(10)}m_{103}^{(22)} - m_{020}^{(11)}m_{300}^{(10)}m_{004}^{(20)} - m_{020}^{(11)}m_{300}^{(20)}m_{112}^{(22)}\\
&+m_{020}^{(11)}m_{300}^{(20)}m_{013}^{(20)} - m_{020}^{(11)}m_{300}^{(21)}m_{202}^{(22)} + m_{020}^{(11)}m_{300}^{(21)}m_{103}^{(20)} + m_{020}^{(11)}m_{300}^{(22)}m_{211}^{(22)}\\
&-m_{020}^{(11)}m_{300}^{(22)}m_{112}^{(20)} - m_{020}^{(11)}m_{210}^{(00)}m_{103}^{(22)} + m_{020}^{(11)}m_{210}^{(00)}m_{004}^{(20)} + 2m_{020}^{(11)}m_{210}^{(20)}m_{202}^{(22)}\\
&-2m_{020}^{(11)}m_{210}^{(20)}m_{103}^{(20)} - m_{020}^{(11)}m_{210}^{(22)}m_{301}^{(22)} + m_{020}^{(11)}m_{210}^{(22)}m_{202}^{(20)} + m_{020}^{(11)}m_{201}^{(00)}m_{112}^{(22)}\\
&-m_{020}^{(11)}m_{201}^{(00)}m_{013}^{(20)} - 2m_{020}^{(11)}m_{201}^{(10)}m_{202}^{(22)} + m_{020}^{(11)}m_{201}^{(10)}m_{103}^{(20)} + m_{020}^{(11)}m_{201}^{(10)}m_{004}^{(00)}\\
&+m_{020}^{(11)}m_{201}^{(20)}m_{112}^{(20)} - m_{020}^{(11)}m_{201}^{(20)}m_{013}^{(00)} + 2m_{020}^{(11)}m_{201}^{(21)}m_{301}^{(22)} - m_{020}^{(11)}m_{201}^{(21)}m_{202}^{(20)}\\
&-m_{020}^{(11)}m_{201}^{(21)}m_{103}^{(00)} - m_{020}^{(11)}m_{201}^{(22)}m_{310}^{(22)} + m_{020}^{(11)}m_{201}^{(22)}m_{112}^{(00)} + m_{020}^{(11)}m_{111}^{(00)}m_{202}^{(22)}\\
&-m_{020}^{(11)}m_{111}^{(00)}m_{004}^{(00)} - 2m_{020}^{(11)}m_{111}^{(20)}m_{301}^{(22)} + 2m_{020}^{(11)}m_{111}^{(20)}m_{103}^{(00)} + m_{020}^{(11)}m_{111}^{(22)}m_{400}^{(22)}\\
&-m_{020}^{(11)}m_{111}^{(22)}m_{202}^{(00)} - m_{020}^{(11)}m_{102}^{(00)}m_{211}^{(22)} + m_{020}^{(11)}m_{102}^{(00)}m_{013}^{(00)} + m_{020}^{(11)}m_{102}^{(10)}m_{301}^{(22)}\\
&+m_{020}^{(11)}m_{102}^{(10)}m_{202}^{(20)} - 2m_{020}^{(11)}m_{102}^{(10)}m_{103}^{(00)} + m_{020}^{(11)}m_{102}^{(20)}m_{310}^{(22)} - m_{020}^{(11)}m_{102}^{(20)}m_{211}^{(20)}\\
&-m_{020}^{(11)}m_{102}^{(21)}m_{400}^{(22)} - m_{020}^{(11)}m_{102}^{(21)}m_{301}^{(20)} + 2m_{020}^{(11)}m_{102}^{(21)}m_{202}^{(00)} + m_{020}^{(11)}m_{102}^{(22)}m_{310}^{(20)}\\
&-m_{020}^{(11)}m_{102}^{(22)}m_{211}^{(00)} - m_{020}^{(11)}m_{012}^{(00)}m_{202}^{(20)} + m_{020}^{(11)}m_{012}^{(00)}m_{103}^{(00)} + 2m_{020}^{(11)}m_{012}^{(20)}m_{301}^{(20)}\\
&-2m_{020}^{(11)}m_{012}^{(20)}m_{202}^{(00)} - m_{020}^{(11)}m_{012}^{(22)}m_{400}^{(20)} + m_{020}^{(11)}m_{012}^{(22)}m_{301}^{(00)} + m_{020}^{(11)}m_{003}^{(00)}m_{211}^{(20)}\\
&-m_{020}^{(11)}m_{003}^{(00)}m_{112}^{(00)} - m_{020}^{(11)}m_{003}^{(10)}m_{301}^{(20)} + m_{020}^{(11)}m_{003}^{(10)}m_{202}^{(00)} - m_{020}^{(11)}m_{003}^{(20)}m_{310}^{(20)}\\
&+m_{020}^{(11)}m_{003}^{(20)}m_{211}^{(00)} + m_{020}^{(11)}m_{003}^{(21)}m_{400}^{(20)} - m_{020}^{(11)}m_{003}^{(21)}m_{301}^{(00)} + m_{020}^{(20)}m_{300}^{(10)}m_{022}^{(22)}\\
&-m_{020}^{(20)}m_{300}^{(10)}m_{013}^{(21)} - m_{020}^{(20)}m_{300}^{(11)}m_{112}^{(22)} + 2m_{020}^{(20)}m_{300}^{(11)}m_{103}^{(21)} - m_{020}^{(20)}m_{300}^{(11)}m_{013}^{(20)}\\
&-m_{020}^{(20)}m_{300}^{(20)}m_{031}^{(22)} + m_{020}^{(20)}m_{300}^{(20)}m_{022}^{(21)} + m_{020}^{(20)}m_{300}^{(21)}m_{121}^{(22)} - 3m_{020}^{(20)}m_{300}^{(21)}m_{112}^{(21)}\\
&+2m_{020}^{(20)}m_{300}^{(21)}m_{022}^{(20)} + m_{020}^{(20)}m_{300}^{(22)}m_{121}^{(21)} - m_{020}^{(20)}m_{300}^{(22)}m_{031}^{(20)} - m_{020}^{(20)}m_{210}^{(00)}m_{022}^{(22)}\\
&+m_{020}^{(20)}m_{210}^{(00)}m_{013}^{(21)} + m_{020}^{(20)}m_{210}^{(10)}m_{112}^{(22)} - 2m_{020}^{(20)}m_{210}^{(10)}m_{103}^{(21)} + m_{020}^{(20)}m_{210}^{(10)}m_{013}^{(20)}\\
&+m_{020}^{(20)}m_{210}^{(20)}m_{121}^{(22)} - m_{020}^{(20)}m_{210}^{(20)}m_{022}^{(20)} - m_{020}^{(20)}m_{210}^{(21)}m_{211}^{(22)} + 2m_{020}^{(20)}m_{210}^{(21)}m_{202}^{(21)}
\end{aligned}
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\begin{aligned}
&-m_{020}^{(20)}m_{210}^{(21)}m_{112}^{(20)} - m_{020}^{(20)}m_{210}^{(22)}m_{211}^{(21)} + m_{020}^{(20)}m_{210}^{(22)}m_{121}^{(20)} + m_{020}^{(20)}m_{201}^{(00)}m_{031}^{(22)}\\
&-m_{020}^{(20)}m_{201}^{(00)}m_{022}^{(21)} - 3m_{020}^{(20)}m_{201}^{(10)}m_{121}^{(22)} + 4m_{020}^{(20)}m_{201}^{(10)}m_{112}^{(21)} - 2m_{020}^{(20)}m_{201}^{(10)}m_{022}^{(20)}\\
&+m_{020}^{(20)}m_{201}^{(10)}m_{013}^{(10)} + 2m_{020}^{(20)}m_{201}^{(11)}m_{211}^{(22)} - 4m_{020}^{(20)}m_{201}^{(11)}m_{202}^{(21)} + 3m_{020}^{(20)}m_{201}^{(11)}m_{112}^{(20)}\\
&-2m_{020}^{(20)}m_{201}^{(11)}m_{103}^{(10)} + m_{020}^{(20)}m_{201}^{(11)}m_{013}^{(00)} + m_{020}^{(20)}m_{201}^{(20)}m_{130}^{(22)} - 2m_{020}^{(20)}m_{201}^{(20)}m_{121}^{(21)}\\
&+2m_{020}^{(20)}m_{201}^{(20)}m_{031}^{(20)} - m_{020}^{(20)}m_{201}^{(20)}m_{022}^{(10)} - m_{020}^{(20)}m_{201}^{(21)}m_{220}^{(22)} + 4m_{020}^{(20)}m_{201}^{(21)}m_{211}^{(21)}\\
&-4m_{020}^{(20)}m_{201}^{(21)}m_{121}^{(20)} + 3m_{020}^{(20)}m_{201}^{(21)}m_{112}^{(10)} - 2m_{020}^{(20)}m_{201}^{(21)}m_{022}^{(00)} - m_{020}^{(20)}m_{201}^{(22)}m_{220}^{(21)}\\
&+m_{020}^{(20)}m_{201}^{(22)}m_{130}^{(20)} - m_{020}^{(20)}m_{201}^{(22)}m_{121}^{(10)} + m_{020}^{(20)}m_{201}^{(22)}m_{031}^{(00)} + m_{020}^{(20)}m_{111}^{(00)}m_{121}^{(22)}\\
&-m_{020}^{(20)}m_{111}^{(00)}m_{112}^{(21)} + m_{020}^{(20)}m_{111}^{(00)}m_{022}^{(20)} - m_{020}^{(20)}m_{111}^{(00)}m_{013}^{(10)} - m_{020}^{(20)}m_{111}^{(10)}m_{211}^{(22)}\\
&+2m_{020}^{(20)}m_{111}^{(10)}m_{202}^{(21)} - 2m_{020}^{(20)}m_{111}^{(10)}m_{112}^{(20)} + 2m_{020}^{(20)}m_{111}^{(10)}m_{103}^{(10)} - m_{020}^{(20)}m_{111}^{(10)}m_{013}^{(00)}\\
&-m_{020}^{(20)}m_{111}^{(20)}m_{220}^{(22)} + m_{020}^{(20)}m_{111}^{(20)}m_{022}^{(00)} + m_{020}^{(20)}m_{111}^{(21)}m_{310}^{(22)} - 2m_{020}^{(20)}m_{111}^{(21)}m_{301}^{(21)}\\
&+2m_{020}^{(20)}m_{111}^{(21)}m_{211}^{(20)} - 2m_{020}^{(20)}m_{111}^{(21)}m_{202}^{(10)} + m_{020}^{(20)}m_{111}^{(21)}m_{112}^{(00)} + m_{020}^{(20)}m_{111}^{(22)}m_{310}^{(21)}\\
&-m_{020}^{(20)}m_{111}^{(22)}m_{220}^{(20)} + m_{020}^{(20)}m_{111}^{(22)}m_{211}^{(10)} - m_{020}^{(20)}m_{111}^{(22)}m_{121}^{(00)} - m_{020}^{(20)}m_{102}^{(00)}m_{130}^{(22)}\\
&+m_{020}^{(20)}m_{102}^{(00)}m_{121}^{(21)} - m_{020}^{(20)}m_{102}^{(00)}m_{031}^{(20)} + m_{020}^{(20)}m_{102}^{(00)}m_{022}^{(10)} + 2m_{020}^{(20)}m_{102}^{(10)}m_{220}^{(22)}\\
&-3m_{020}^{(20)}m_{102}^{(10)}m_{211}^{(21)} + 4m_{020}^{(20)}m_{102}^{(10)}m_{121}^{(20)} - 4m_{020}^{(20)}m_{102}^{(10)}m_{112}^{(10)} + m_{020}^{(20)}m_{102}^{(10)}m_{022}^{(00)}\\
&-m_{020}^{(20)}m_{102}^{(11)}m_{310}^{(22)} + 2m_{020}^{(20)}m_{102}^{(11)}m_{301}^{(21)} - 3m_{020}^{(20)}m_{102}^{(11)}m_{211}^{(20)} + 4m_{020}^{(20)}m_{102}^{(11)}m_{202}^{(10)}\\
&-2m_{020}^{(20)}m_{102}^{(11)}m_{112}^{(00)} + m_{020}^{(20)}m_{102}^{(20)}m_{220}^{(21)} - 2m_{020}^{(20)}m_{102}^{(20)}m_{130}^{(20)} + 2m_{020}^{(20)}m_{102}^{(20)}m_{121}^{(10)}\\
&-m_{020}^{(20)}m_{102}^{(20)}m_{031}^{(00)} - m_{020}^{(20)}m_{102}^{(21)}m_{310}^{(21)} + 2m_{020}^{(20)}m_{102}^{(21)}m_{220}^{(20)} - 4m_{020}^{(20)}m_{102}^{(21)}m_{211}^{(10)}\\
&+3m_{020}^{(20)}m_{102}^{(21)}m_{121}^{(00)} + m_{020}^{(20)}m_{102}^{(22)}m_{220}^{(10)} - m_{020}^{(20)}m_{102}^{(22)}m_{130}^{(00)} - m_{020}^{(20)}m_{012}^{(00)}m_{121}^{(20)}\\
&+m_{020}^{(20)}m_{012}^{(00)}m_{112}^{(10)} + m_{020}^{(20)}m_{012}^{(10)}m_{211}^{(20)} - 2m_{020}^{(20)}m_{012}^{(10)}m_{202}^{(10)} + m_{020}^{(20)}m_{012}^{(10)}m_{112}^{(00)}\\
&+m_{020}^{(20)}m_{012}^{(20)}m_{220}^{(20)} - m_{020}^{(20)}m_{012}^{(20)}m_{121}^{(00)} - m_{020}^{(20)}m_{012}^{(21)}m_{310}^{(20)} + 2m_{020}^{(20)}m_{012}^{(21)}m_{301}^{(10)}\\
&-m_{020}^{(20)}m_{012}^{(21)}m_{211}^{(00)} - m_{020}^{(20)}m_{012}^{(22)}m_{310}^{(10)} + m_{020}^{(20)}m_{012}^{(22)}m_{220}^{(00)} + m_{020}^{(20)}m_{003}^{(00)}m_{130}^{(20)}\\
&-m_{020}^{(20)}m_{003}^{(00)}m_{121}^{(10)} - 2m_{020}^{(20)}m_{003}^{(10)}m_{220}^{(20)} + 3m_{020}^{(20)}m_{003}^{(10)}m_{211}^{(10)} - m_{020}^{(20)}m_{003}^{(10)}m_{121}^{(00)}\\
&+m_{020}^{(20)}m_{003}^{(11)}m_{310}^{(20)} - 2m_{020}^{(20)}m_{003}^{(11)}m_{301}^{(10)} + m_{020}^{(20)}m_{003}^{(11)}m_{211}^{(00)} - m_{020}^{(20)}m_{003}^{(20)}m_{220}^{(10)}\\
&+m_{020}^{(20)}m_{003}^{(20)}m_{130}^{(00)} + m_{020}^{(20)}m_{003}^{(21)}m_{310}^{(10)} - m_{020}^{(20)}m_{003}^{(21)}m_{220}^{(00)} - m_{020}^{(21)}m_{300}^{(10)}m_{112}^{(22)}\\
&-m_{020}^{(21)}m_{300}^{(10)}m_{103}^{(21)} + 2m_{020}^{(21)}m_{300}^{(10)}m_{013}^{(20)} + m_{020}^{(21)}m_{300}^{(11)}m_{202}^{(22)} - m_{020}^{(21)}m_{300}^{(11)}m_{103}^{(20)}\\
&+m_{020}^{(21)}m_{300}^{(20)}m_{121}^{(22)} + m_{020}^{(21)}m_{300}^{(20)}m_{112}^{(21)} - 2m_{020}^{(21)}m_{300}^{(20)}m_{022}^{(20)} - m_{020}^{(21)}m_{300}^{(21)}m_{211}^{(22)}\\
&+m_{020}^{(21)}m_{300}^{(21)}m_{202}^{(21)} - m_{020}^{(21)}m_{300}^{(22)}m_{211}^{(21)} + m_{020}^{(21)}m_{300}^{(22)}m_{121}^{(20)} + m_{020}^{(21)}m_{210}^{(00)}m_{112}^{(22)}\\
&+m_{020}^{(21)}m_{210}^{(00)}m_{103}^{(21)} - 2m_{020}^{(21)}m_{210}^{(00)}m_{013}^{(20)} - m_{020}^{(21)}m_{210}^{(10)}m_{202}^{(22)} + m_{020}^{(21)}m_{210}^{(10)}m_{103}^{(20)}\\
&-m_{020}^{(21)}m_{210}^{(20)}m_{211}^{(22)} - 2m_{020}^{(21)}m_{210}^{(20)}m_{202}^{(21)} + 3m_{020}^{(21)}m_{210}^{(20)}m_{112}^{(20)} + m_{020}^{(21)}m_{210}^{(21)}m_{301}^{(22)}\\
&-m_{020}^{(21)}m_{210}^{(21)}m_{202}^{(20)} + m_{020}^{(21)}m_{210}^{(22)}m_{301}^{(21)} - m_{020}^{(21)}m_{210}^{(22)}m_{211}^{(20)} - m_{020}^{(21)}m_{201}^{(00)}m_{121}^{(22)}\\
&-m_{020}^{(21)}m_{201}^{(00)}m_{112}^{(21)} + 2m_{020}^{(21)}m_{201}^{(00)}m_{022}^{(20)} + 3m_{020}^{(21)}m_{201}^{(10)}m_{211}^{(22)} + 2m_{020}^{(21)}m_{201}^{(10)}m_{202}^{(21)}\\
&-4m_{020}^{(21)}m_{201}^{(10)}m_{112}^{(20)} + m_{020}^{(21)}m_{201}^{(10)}m_{103}^{(10)} - 2m_{020}^{(21)}m_{201}^{(10)}m_{013}^{(00)} - 2m_{020}^{(21)}m_{201}^{(11)}m_{301}^{(22)}\\
&+m_{020}^{(21)}m_{201}^{(11)}m_{202}^{(20)} + m_{020}^{(21)}m_{201}^{(11)}m_{103}^{(00)} - m_{020}^{(21)}m_{201}^{(20)}m_{220}^{(22)} - m_{020}^{(21)}m_{201}^{(20)}m_{112}^{(10)}\\
&+2m_{020}^{(21)}m_{201}^{(20)}m_{022}^{(00)} + m_{020}^{(21)}m_{201}^{(21)}m_{310}^{(22)} - 2m_{020}^{(21)}m_{201}^{(21)}m_{301}^{(21)} + 2m_{020}^{(21)}m_{201}^{(21)}m_{211}^{(20)}\\
&-m_{020}^{(21)}m_{201}^{(21)}m_{202}^{(10)} + m_{020}^{(21)}m_{201}^{(22)}m_{310}^{(21)} - m_{020}^{(21)}m_{201}^{(22)}m_{220}^{(20)} + m_{020}^{(21)}m_{201}^{(22)}m_{211}^{(10)}\\
&-m_{020}^{(21)}m_{201}^{(22)}m_{121}^{(00)} - m_{020}^{(21)}m_{111}^{(00)}m_{211}^{(22)} - m_{020}^{(21)}m_{111}^{(00)}m_{202}^{(21)} + m_{020}^{(21)}m_{111}^{(00)}m_{112}^{(20)}\\
&-m_{020}^{(21)}m_{111}^{(00)}m_{103}^{(10)} + 2m_{020}^{(21)}m_{111}^{(00)}m_{013}^{(00)} + m_{020}^{(21)}m_{111}^{(10)}m_{301}^{(22)} - m_{020}^{(21)}m_{111}^{(10)}m_{103}^{(00)}\\
&+m_{020}^{(21)}m_{111}^{(20)}m_{310}^{(22)} + 2m_{020}^{(21)}m_{111}^{(20)}m_{301}^{(21)} - 2m_{020}^{(21)}m_{111}^{(20)}m_{211}^{(20)} + 2m_{020}^{(21)}m_{111}^{(20)}m_{202}^{(10)}
\end{aligned}
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\begin{aligned}
&-3m_{020}^{(21)}m_{111}^{(20)}m_{112}^{(00)} - m_{020}^{(21)}m_{111}^{(21)}m_{400}^{(22)} + m_{020}^{(21)}m_{111}^{(21)}m_{202}^{(00)} - m_{020}^{(21)}m_{111}^{(22)}m_{400}^{(21)}\\
&+m_{020}^{(21)}m_{111}^{(22)}m_{310}^{(20)} - m_{020}^{(21)}m_{111}^{(22)}m_{301}^{(10)} + m_{020}^{(21)}m_{111}^{(22)}m_{211}^{(00)} + m_{020}^{(21)}m_{102}^{(00)}m_{220}^{(22)}\\
&+m_{020}^{(21)}m_{102}^{(00)}m_{211}^{(21)} - m_{020}^{(21)}m_{102}^{(00)}m_{121}^{(20)} + m_{020}^{(21)}m_{102}^{(00)}m_{112}^{(10)} - 2m_{020}^{(21)}m_{102}^{(00)}m_{022}^{(00)}\\
&-2m_{020}^{(21)}m_{102}^{(10)}m_{310}^{(22)} - m_{020}^{(21)}m_{102}^{(10)}m_{301}^{(21)} - 2m_{020}^{(21)}m_{102}^{(10)}m_{202}^{(10)} + 5m_{020}^{(21)}m_{102}^{(10)}m_{112}^{(00)}\\
&+m_{020}^{(21)}m_{102}^{(11)}m_{400}^{(22)} + m_{020}^{(21)}m_{102}^{(11)}m_{301}^{(20)} - 2m_{020}^{(21)}m_{102}^{(11)}m_{202}^{(00)} - m_{020}^{(21)}m_{102}^{(20)}m_{310}^{(21)}\\
&+2m_{020}^{(21)}m_{102}^{(20)}m_{220}^{(20)} - m_{020}^{(21)}m_{102}^{(20)}m_{121}^{(00)} + m_{020}^{(21)}m_{102}^{(21)}m_{400}^{(21)} - 2m_{020}^{(21)}m_{102}^{(21)}m_{310}^{(20)}\\
&+2m_{020}^{(21)}m_{102}^{(21)}m_{301}^{(10)} - m_{020}^{(21)}m_{102}^{(21)}m_{211}^{(00)} - m_{020}^{(21)}m_{102}^{(22)}m_{310}^{(10)} + m_{020}^{(21)}m_{102}^{(22)}m_{220}^{(00)}\\
&+m_{020}^{(21)}m_{012}^{(00)}m_{211}^{(20)} + m_{020}^{(21)}m_{012}^{(00)}m_{202}^{(10)} - 2m_{020}^{(21)}m_{012}^{(00)}m_{112}^{(00)} - m_{020}^{(21)}m_{012}^{(10)}m_{301}^{(20)}\\
&+m_{020}^{(21)}m_{012}^{(10)}m_{202}^{(00)} - m_{020}^{(21)}m_{012}^{(20)}m_{310}^{(20)} - 2m_{020}^{(21)}m_{012}^{(20)}m_{301}^{(10)} + 3m_{020}^{(21)}m_{012}^{(20)}m_{211}^{(00)}\\
&+m_{020}^{(21)}m_{012}^{(21)}m_{400}^{(20)} - m_{020}^{(21)}m_{012}^{(21)}m_{301}^{(00)} + m_{020}^{(21)}m_{012}^{(22)}m_{400}^{(10)} - m_{020}^{(21)}m_{012}^{(22)}m_{310}^{(00)}\\
&-m_{020}^{(21)}m_{003}^{(00)}m_{220}^{(20)} - m_{020}^{(21)}m_{003}^{(00)}m_{211}^{(10)} + 2m_{020}^{(21)}m_{003}^{(00)}m_{121}^{(00)} + 2m_{020}^{(21)}m_{003}^{(10)}m_{310}^{(20)}\\
&+m_{020}^{(21)}m_{003}^{(10)}m_{301}^{(10)} - 3m_{020}^{(21)}m_{003}^{(10)}m_{211}^{(00)} - m_{020}^{(21)}m_{003}^{(11)}m_{400}^{(20)} + m_{020}^{(21)}m_{003}^{(11)}m_{301}^{(00)}\\
&+m_{020}^{(21)}m_{003}^{(20)}m_{310}^{(10)} - m_{020}^{(21)}m_{003}^{(20)}m_{220}^{(00)} - m_{020}^{(21)}m_{003}^{(21)}m_{400}^{(10)} + m_{020}^{(21)}m_{003}^{(21)}m_{310}^{(00)}\\
&+m_{020}^{(22)}m_{300}^{(10)}m_{112}^{(21)} - m_{020}^{(22)}m_{300}^{(10)}m_{022}^{(20)} - m_{020}^{(22)}m_{300}^{(11)}m_{202}^{(21)} + m_{020}^{(22)}m_{300}^{(11)}m_{112}^{(20)}\\
&-m_{020}^{(22)}m_{300}^{(20)}m_{121}^{(21)} + m_{020}^{(22)}m_{300}^{(20)}m_{031}^{(20)} + m_{020}^{(22)}m_{300}^{(21)}m_{211}^{(21)} - m_{020}^{(22)}m_{300}^{(21)}m_{121}^{(20)}\\
&-m_{020}^{(22)}m_{210}^{(00)}m_{112}^{(21)} + m_{020}^{(22)}m_{210}^{(00)}m_{022}^{(20)} + m_{020}^{(22)}m_{210}^{(10)}m_{202}^{(21)} - m_{020}^{(22)}m_{210}^{(10)}m_{112}^{(20)}\\
&+m_{020}^{(22)}m_{210}^{(20)}m_{211}^{(21)} - m_{020}^{(22)}m_{210}^{(20)}m_{121}^{(20)} - m_{020}^{(22)}m_{210}^{(21)}m_{301}^{(21)} + m_{020}^{(22)}m_{210}^{(21)}m_{211}^{(20)}\\
&+m_{020}^{(22)}m_{201}^{(00)}m_{121}^{(21)} - m_{020}^{(22)}m_{201}^{(00)}m_{031}^{(20)} - 3m_{020}^{(22)}m_{201}^{(10)}m_{211}^{(21)} + 3m_{020}^{(22)}m_{201}^{(10)}m_{121}^{(20)}\\
&-m_{020}^{(22)}m_{201}^{(10)}m_{112}^{(10)} + m_{020}^{(22)}m_{201}^{(10)}m_{022}^{(00)} + 2m_{020}^{(22)}m_{201}^{(11)}m_{301}^{(21)} - 2m_{020}^{(22)}m_{201}^{(11)}m_{211}^{(20)}\\
&+m_{020}^{(22)}m_{201}^{(11)}m_{202}^{(10)} - m_{020}^{(22)}m_{201}^{(11)}m_{112}^{(00)} + m_{020}^{(22)}m_{201}^{(20)}m_{220}^{(21)} - m_{020}^{(22)}m_{201}^{(20)}m_{130}^{(20)}\\
&+m_{020}^{(22)}m_{201}^{(20)}m_{121}^{(10)} - m_{020}^{(22)}m_{201}^{(20)}m_{031}^{(00)} - m_{020}^{(22)}m_{201}^{(21)}m_{310}^{(21)} + m_{020}^{(22)}m_{201}^{(21)}m_{220}^{(20)}\\
&-m_{020}^{(22)}m_{201}^{(21)}m_{211}^{(10)} + m_{020}^{(22)}m_{201}^{(21)}m_{121}^{(00)} + m_{020}^{(22)}m_{111}^{(00)}m_{211}^{(21)} - m_{020}^{(22)}m_{111}^{(00)}m_{121}^{(20)}\\
&+m_{020}^{(22)}m_{111}^{(00)}m_{112}^{(10)} - m_{020}^{(22)}m_{111}^{(00)}m_{022}^{(00)} - m_{020}^{(22)}m_{111}^{(10)}m_{301}^{(21)} + m_{020}^{(22)}m_{111}^{(10)}m_{211}^{(20)}\\
&-m_{020}^{(22)}m_{111}^{(10)}m_{202}^{(10)} + m_{020}^{(22)}m_{111}^{(10)}m_{112}^{(00)} - m_{020}^{(22)}m_{111}^{(20)}m_{310}^{(21)} + m_{020}^{(22)}m_{111}^{(20)}m_{220}^{(20)}\\
&-m_{020}^{(22)}m_{111}^{(20)}m_{211}^{(10)} + m_{020}^{(22)}m_{111}^{(20)}m_{121}^{(00)} + m_{020}^{(22)}m_{111}^{(21)}m_{400}^{(21)} - m_{020}^{(22)}m_{111}^{(21)}m_{310}^{(20)}\\
&+m_{020}^{(22)}m_{111}^{(21)}m_{301}^{(10)} - m_{020}^{(22)}m_{111}^{(21)}m_{211}^{(00)} - m_{020}^{(22)}m_{102}^{(00)}m_{220}^{(21)} + m_{020}^{(22)}m_{102}^{(00)}m_{130}^{(20)}\\
&-m_{020}^{(22)}m_{102}^{(00)}m_{121}^{(10)} + m_{020}^{(22)}m_{102}^{(00)}m_{031}^{(00)} + 2m_{020}^{(22)}m_{102}^{(10)}m_{310}^{(21)} - 2m_{020}^{(22)}m_{102}^{(10)}m_{220}^{(20)}\\
&+3m_{020}^{(22)}m_{102}^{(10)}m_{211}^{(10)} - 3m_{020}^{(22)}m_{102}^{(10)}m_{121}^{(00)} - m_{020}^{(22)}m_{102}^{(11)}m_{400}^{(21)} + m_{020}^{(22)}m_{102}^{(11)}m_{310}^{(20)}\\
&-2m_{020}^{(22)}m_{102}^{(11)}m_{301}^{(10)} + 2m_{020}^{(22)}m_{102}^{(11)}m_{211}^{(00)} - m_{020}^{(22)}m_{102}^{(20)}m_{220}^{(10)} + m_{020}^{(22)}m_{102}^{(20)}m_{130}^{(00)}\\
&+m_{020}^{(22)}m_{102}^{(21)}m_{310}^{(10)} - m_{020}^{(22)}m_{102}^{(21)}m_{220}^{(00)} - m_{020}^{(22)}m_{012}^{(00)}m_{211}^{(10)} + m_{020}^{(22)}m_{012}^{(00)}m_{121}^{(00)}\\
&+m_{020}^{(22)}m_{012}^{(10)}m_{301}^{(10)} - m_{020}^{(22)}m_{012}^{(10)}m_{211}^{(00)} + m_{020}^{(22)}m_{012}^{(20)}m_{310}^{(10)} - m_{020}^{(22)}m_{012}^{(20)}m_{220}^{(00)}\\
&-m_{020}^{(22)}m_{012}^{(21)}m_{400}^{(10)} + m_{020}^{(22)}m_{012}^{(21)}m_{310}^{(00)} + m_{020}^{(22)}m_{003}^{(00)}m_{220}^{(10)} - m_{020}^{(22)}m_{003}^{(00)}m_{130}^{(00)}\\
&-2m_{020}^{(22)}m_{003}^{(10)}m_{310}^{(10)} + 2m_{020}^{(22)}m_{003}^{(10)}m_{220}^{(00)} + m_{020}^{(22)}m_{003}^{(11)}m_{400}^{(10)} - m_{020}^{(22)}m_{003}^{(11)}m_{310}^{(00)}\\
&-m_{011}^{(00)}m_{300}^{(11)}m_{022}^{(22)} + m_{011}^{(00)}m_{300}^{(11)}m_{004}^{(11)} + 2m_{011}^{(00)}m_{300}^{(21)}m_{031}^{(22)} - 2m_{011}^{(00)}m_{300}^{(21)}m_{013}^{(11)}\\
&-m_{011}^{(00)}m_{300}^{(22)}m_{040}^{(22)} + m_{011}^{(00)}m_{300}^{(22)}m_{022}^{(11)} + m_{011}^{(00)}m_{210}^{(10)}m_{022}^{(22)} - m_{011}^{(00)}m_{210}^{(10)}m_{004}^{(11)}\\
&+m_{011}^{(00)}m_{210}^{(11)}m_{112}^{(22)} - m_{011}^{(00)}m_{210}^{(11)}m_{103}^{(21)} + m_{011}^{(00)}m_{210}^{(11)}m_{013}^{(20)} - m_{011}^{(00)}m_{210}^{(11)}m_{004}^{(10)}\\
&-m_{011}^{(00)}m_{210}^{(20)}m_{031}^{(22)} + m_{011}^{(00)}m_{210}^{(20)}m_{013}^{(11)} - 3m_{011}^{(00)}m_{210}^{(21)}m_{121}^{(22)} + 2m_{011}^{(00)}m_{210}^{(21)}m_{112}^{(21)}\\
&+m_{011}^{(00)}m_{210}^{(21)}m_{103}^{(11)} - 2m_{011}^{(00)}m_{210}^{(21)}m_{022}^{(20)} + 2m_{011}^{(00)}m_{210}^{(21)}m_{013}^{(10)} + 2m_{011}^{(00)}m_{210}^{(22)}m_{130}^{(22)}
\end{aligned}
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\begin{aligned}
&-m_{011}^{(00)}m_{210}^{(22)}m_{121}^{(21)} - m_{011}^{(00)}m_{210}^{(22)}m_{112}^{(11)} + m_{011}^{(00)}m_{210}^{(22)}m_{031}^{(20)} - m_{011}^{(00)}m_{210}^{(22)}m_{022}^{(10)}\\
&-m_{011}^{(00)}m_{201}^{(10)}m_{031}^{(22)} + m_{011}^{(00)}m_{201}^{(10)}m_{013}^{(11)} + m_{011}^{(00)}m_{201}^{(11)}m_{121}^{(22)} + m_{011}^{(00)}m_{201}^{(11)}m_{112}^{(21)}\\
&-2m_{011}^{(00)}m_{201}^{(11)}m_{103}^{(11)} + m_{011}^{(00)}m_{201}^{(11)}m_{022}^{(20)} - m_{011}^{(00)}m_{201}^{(11)}m_{013}^{(10)} + m_{011}^{(00)}m_{201}^{(20)}m_{040}^{(22)}\\
&-m_{011}^{(00)}m_{201}^{(20)}m_{022}^{(11)} - m_{011}^{(00)}m_{201}^{(21)}m_{130}^{(22)} - 2m_{011}^{(00)}m_{201}^{(21)}m_{121}^{(21)} + 3m_{011}^{(00)}m_{201}^{(21)}m_{112}^{(11)}\\
&-2m_{011}^{(00)}m_{201}^{(21)}m_{031}^{(20)} + 2m_{011}^{(00)}m_{201}^{(21)}m_{022}^{(10)} + m_{011}^{(00)}m_{201}^{(22)}m_{130}^{(21)} - m_{011}^{(00)}m_{201}^{(22)}m_{121}^{(11)}\\
&+m_{011}^{(00)}m_{201}^{(22)}m_{040}^{(20)} - m_{011}^{(00)}m_{201}^{(22)}m_{031}^{(10)} - m_{011}^{(00)}m_{120}^{(10)}m_{112}^{(22)} + m_{011}^{(00)}m_{120}^{(10)}m_{103}^{(21)}\\
&-m_{011}^{(00)}m_{120}^{(10)}m_{013}^{(20)} + m_{011}^{(00)}m_{120}^{(10)}m_{004}^{(10)} + m_{011}^{(00)}m_{120}^{(20)}m_{121}^{(22)} - m_{011}^{(00)}m_{120}^{(20)}m_{112}^{(21)}\\
&+m_{011}^{(00)}m_{120}^{(20)}m_{022}^{(20)} - m_{011}^{(00)}m_{120}^{(20)}m_{013}^{(10)} + m_{011}^{(00)}m_{120}^{(21)}m_{211}^{(22)} - m_{011}^{(00)}m_{120}^{(21)}m_{202}^{(21)}\\
&+m_{011}^{(00)}m_{120}^{(21)}m_{112}^{(20)} - m_{011}^{(00)}m_{120}^{(21)}m_{103}^{(10)} - m_{011}^{(00)}m_{120}^{(22)}m_{220}^{(22)} + m_{011}^{(00)}m_{120}^{(22)}m_{211}^{(21)}\\
&-m_{011}^{(00)}m_{120}^{(22)}m_{121}^{(20)} + m_{011}^{(00)}m_{120}^{(22)}m_{112}^{(10)} + m_{011}^{(00)}m_{111}^{(10)}m_{121}^{(22)} - 2m_{011}^{(00)}m_{111}^{(10)}m_{112}^{(21)}\\
&+m_{011}^{(00)}m_{111}^{(10)}m_{103}^{(11)} - m_{011}^{(00)}m_{111}^{(11)}m_{211}^{(22)} + m_{011}^{(00)}m_{111}^{(11)}m_{202}^{(21)} - 3m_{011}^{(00)}m_{111}^{(11)}m_{112}^{(20)}\\
&+3m_{011}^{(00)}m_{111}^{(11)}m_{103}^{(10)} - m_{011}^{(00)}m_{111}^{(20)}m_{130}^{(22)} + 2m_{011}^{(00)}m_{111}^{(20)}m_{121}^{(21)} - m_{011}^{(00)}m_{111}^{(20)}m_{112}^{(11)}\\
&+m_{011}^{(00)}m_{111}^{(21)}m_{220}^{(22)} - m_{011}^{(00)}m_{111}^{(21)}m_{202}^{(11)} + 6m_{011}^{(00)}m_{111}^{(21)}m_{121}^{(20)} - 6m_{011}^{(00)}m_{111}^{(21)}m_{112}^{(10)}\\
&-m_{011}^{(00)}m_{111}^{(22)}m_{220}^{(21)} + m_{011}^{(00)}m_{111}^{(22)}m_{211}^{(11)} - 3m_{011}^{(00)}m_{111}^{(22)}m_{130}^{(20)} + 3m_{011}^{(00)}m_{111}^{(22)}m_{121}^{(10)}\\
&+m_{011}^{(00)}m_{102}^{(10)}m_{121}^{(21)} - m_{011}^{(00)}m_{102}^{(10)}m_{112}^{(11)} + m_{011}^{(00)}m_{102}^{(10)}m_{031}^{(20)} - m_{011}^{(00)}m_{102}^{(10)}m_{022}^{(10)}\\
&-m_{011}^{(00)}m_{102}^{(11)}m_{211}^{(21)} + m_{011}^{(00)}m_{102}^{(11)}m_{202}^{(11)} - m_{011}^{(00)}m_{102}^{(11)}m_{121}^{(20)} + m_{011}^{(00)}m_{102}^{(11)}m_{112}^{(10)}\\
&-m_{011}^{(00)}m_{102}^{(20)}m_{130}^{(21)} + m_{011}^{(00)}m_{102}^{(20)}m_{121}^{(11)} - m_{011}^{(00)}m_{102}^{(20)}m_{040}^{(20)} + m_{011}^{(00)}m_{102}^{(20)}m_{031}^{(10)}\\
&+m_{011}^{(00)}m_{102}^{(21)}m_{220}^{(21)} - m_{011}^{(00)}m_{102}^{(21)}m_{211}^{(11)} + m_{011}^{(00)}m_{102}^{(21)}m_{130}^{(20)} - m_{011}^{(00)}m_{102}^{(21)}m_{121}^{(10)}\\
&+2m_{011}^{(00)}m_{021}^{(10)}m_{112}^{(20)} - 2m_{011}^{(00)}m_{021}^{(10)}m_{103}^{(10)} - 2m_{011}^{(00)}m_{021}^{(20)}m_{121}^{(20)} + 2m_{011}^{(00)}m_{021}^{(20)}m_{112}^{(10)}\\
&-2m_{011}^{(00)}m_{021}^{(21)}m_{211}^{(20)} + 2m_{011}^{(00)}m_{021}^{(21)}m_{202}^{(10)} + 2m_{011}^{(00)}m_{021}^{(22)}m_{220}^{(20)} - 2m_{011}^{(00)}m_{021}^{(22)}m_{211}^{(10)}\\
&-2m_{011}^{(00)}m_{012}^{(10)}m_{121}^{(20)} + 2m_{011}^{(00)}m_{012}^{(10)}m_{112}^{(10)} + 2m_{011}^{(00)}m_{012}^{(11)}m_{211}^{(20)} - 2m_{011}^{(00)}m_{012}^{(11)}m_{202}^{(10)}\\
&+2m_{011}^{(00)}m_{012}^{(20)}m_{130}^{(20)} - 2m_{011}^{(00)}m_{012}^{(20)}m_{121}^{(10)} - 2m_{011}^{(00)}m_{012}^{(21)}m_{220}^{(20)} + 2m_{011}^{(00)}m_{012}^{(21)}m_{211}^{(10)}\\
&+m_{011}^{(10)}m_{300}^{(10)}m_{022}^{(22)} - m_{011}^{(10)}m_{300}^{(10)}m_{004}^{(11)} + m_{011}^{(10)}m_{300}^{(11)}m_{112}^{(22)} + m_{011}^{(10)}m_{300}^{(11)}m_{103}^{(21)}\\
&-m_{011}^{(10)}m_{300}^{(11)}m_{013}^{(20)} - m_{011}^{(10)}m_{300}^{(11)}m_{004}^{(10)} - m_{011}^{(10)}m_{300}^{(20)}m_{031}^{(22)} + m_{011}^{(10)}m_{300}^{(20)}m_{013}^{(11)}\\
&-3m_{011}^{(10)}m_{300}^{(21)}m_{121}^{(22)} - 2m_{011}^{(10)}m_{300}^{(21)}m_{112}^{(21)} + m_{011}^{(10)}m_{300}^{(21)}m_{103}^{(11)} + 2m_{011}^{(10)}m_{300}^{(21)}m_{022}^{(20)}\\
&+2m_{011}^{(10)}m_{300}^{(21)}m_{013}^{(10)} + 2m_{011}^{(10)}m_{300}^{(22)}m_{130}^{(22)} + m_{011}^{(10)}m_{300}^{(22)}m_{121}^{(21)} - m_{011}^{(10)}m_{300}^{(22)}m_{112}^{(11)}\\
&-m_{011}^{(10)}m_{300}^{(22)}m_{031}^{(20)} - m_{011}^{(10)}m_{300}^{(22)}m_{022}^{(10)} - m_{011}^{(10)}m_{210}^{(00)}m_{022}^{(22)} + m_{011}^{(10)}m_{210}^{(00)}m_{004}^{(11)}\\
&-2m_{011}^{(10)}m_{210}^{(10)}m_{112}^{(22)} + 2m_{011}^{(10)}m_{210}^{(10)}m_{004}^{(10)} - m_{011}^{(10)}m_{210}^{(11)}m_{202}^{(22)} + m_{011}^{(10)}m_{210}^{(11)}m_{004}^{(00)}\\
&+4m_{011}^{(10)}m_{210}^{(20)}m_{121}^{(22)} - 2m_{011}^{(10)}m_{210}^{(20)}m_{103}^{(11)} - 2m_{011}^{(10)}m_{210}^{(20)}m_{013}^{(10)} + 4m_{011}^{(10)}m_{210}^{(21)}m_{211}^{(22)}\\
&-2m_{011}^{(10)}m_{210}^{(21)}m_{103}^{(10)} - 2m_{011}^{(10)}m_{210}^{(21)}m_{013}^{(00)} - 4m_{011}^{(10)}m_{210}^{(22)}m_{220}^{(22)} + m_{011}^{(10)}m_{210}^{(22)}m_{202}^{(11)}\\
&+2m_{011}^{(10)}m_{210}^{(22)}m_{112}^{(10)} + m_{011}^{(10)}m_{210}^{(22)}m_{022}^{(00)} + m_{011}^{(10)}m_{201}^{(00)}m_{031}^{(22)} - m_{011}^{(10)}m_{201}^{(00)}m_{013}^{(11)}\\
&+2m_{011}^{(10)}m_{201}^{(10)}m_{103}^{(11)} - 2m_{011}^{(10)}m_{201}^{(10)}m_{022}^{(20)} - m_{011}^{(10)}m_{201}^{(11)}m_{211}^{(22)} - 2m_{011}^{(10)}m_{201}^{(11)}m_{202}^{(21)}\\
&+2m_{011}^{(10)}m_{201}^{(11)}m_{103}^{(10)} + m_{011}^{(10)}m_{201}^{(11)}m_{013}^{(00)} - 2m_{011}^{(10)}m_{201}^{(20)}m_{130}^{(22)} + 2m_{011}^{(10)}m_{201}^{(20)}m_{031}^{(20)}\\
&+2m_{011}^{(10)}m_{201}^{(21)}m_{220}^{(22)} + 4m_{011}^{(10)}m_{201}^{(21)}m_{211}^{(21)} - 2m_{011}^{(10)}m_{201}^{(21)}m_{202}^{(11)} + 2m_{011}^{(10)}m_{201}^{(21)}m_{121}^{(20)}\\
&-4m_{011}^{(10)}m_{201}^{(21)}m_{112}^{(10)} - 2m_{011}^{(10)}m_{201}^{(21)}m_{022}^{(00)} - 2m_{011}^{(10)}m_{201}^{(22)}m_{220}^{(21)} + m_{011}^{(10)}m_{201}^{(22)}m_{211}^{(11)}\\
&-2m_{011}^{(10)}m_{201}^{(22)}m_{130}^{(20)} + 2m_{011}^{(10)}m_{201}^{(22)}m_{121}^{(10)} + m_{011}^{(10)}m_{201}^{(22)}m_{031}^{(00)} + m_{011}^{(10)}m_{120}^{(00)}m_{112}^{(22)}\\
&-m_{011}^{(10)}m_{120}^{(00)}m_{103}^{(21)} + m_{011}^{(10)}m_{120}^{(00)}m_{013}^{(20)} - m_{011}^{(10)}m_{120}^{(00)}m_{004}^{(10)} + m_{011}^{(10)}m_{120}^{(10)}m_{202}^{(22)}\\
&-m_{011}^{(10)}m_{120}^{(10)}m_{004}^{(00)} - 3m_{011}^{(10)}m_{120}^{(20)}m_{211}^{(22)} + 2m_{011}^{(10)}m_{120}^{(20)}m_{202}^{(21)} - 2m_{011}^{(10)}m_{120}^{(20)}m_{112}^{(20)}
\end{aligned}
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\begin{aligned}
&+2m_{011}^{(10)}m_{120}^{(20)}m_{103}^{(10)} + m_{011}^{(10)}m_{120}^{(20)}m_{013}^{(00)} - m_{011}^{(10)}m_{120}^{(21)}m_{301}^{(22)} + m_{011}^{(10)}m_{120}^{(21)}m_{103}^{(00)}\\
&+2m_{011}^{(10)}m_{120}^{(22)}m_{310}^{(22)} - m_{011}^{(10)}m_{120}^{(22)}m_{301}^{(21)} + m_{011}^{(10)}m_{120}^{(22)}m_{211}^{(20)} - m_{011}^{(10)}m_{120}^{(22)}m_{202}^{(10)}\\
&-m_{011}^{(10)}m_{120}^{(22)}m_{112}^{(00)} - m_{011}^{(10)}m_{111}^{(00)}m_{121}^{(22)} + 2m_{011}^{(10)}m_{111}^{(00)}m_{112}^{(21)} - m_{011}^{(10)}m_{111}^{(00)}m_{103}^{(11)}\\
&+4m_{011}^{(10)}m_{111}^{(10)}m_{112}^{(20)} - 4m_{011}^{(10)}m_{111}^{(10)}m_{103}^{(10)} + m_{011}^{(10)}m_{111}^{(11)}m_{301}^{(22)} + 2m_{011}^{(10)}m_{111}^{(11)}m_{202}^{(20)}\\
&-3m_{011}^{(10)}m_{111}^{(11)}m_{103}^{(00)} + 2m_{011}^{(10)}m_{111}^{(20)}m_{220}^{(22)} - 4m_{011}^{(10)}m_{111}^{(20)}m_{211}^{(21)} + 2m_{011}^{(10)}m_{111}^{(20)}m_{202}^{(11)}\\
&-4m_{011}^{(10)}m_{111}^{(20)}m_{121}^{(20)} + 4m_{011}^{(10)}m_{111}^{(20)}m_{112}^{(10)} - 2m_{011}^{(10)}m_{111}^{(21)}m_{310}^{(22)} - 8m_{011}^{(10)}m_{111}^{(21)}m_{211}^{(20)}\\
&+4m_{011}^{(10)}m_{111}^{(21)}m_{202}^{(10)} + 6m_{011}^{(10)}m_{111}^{(21)}m_{112}^{(00)} + 2m_{011}^{(10)}m_{111}^{(22)}m_{310}^{(21)} - m_{011}^{(10)}m_{111}^{(22)}m_{301}^{(11)}\\
&+6m_{011}^{(10)}m_{111}^{(22)}m_{220}^{(20)} - 4m_{011}^{(10)}m_{111}^{(22)}m_{211}^{(10)} - 3m_{011}^{(10)}m_{111}^{(22)}m_{121}^{(00)} - m_{011}^{(10)}m_{102}^{(00)}m_{121}^{(21)}\\
&+m_{011}^{(10)}m_{102}^{(00)}m_{112}^{(11)} - m_{011}^{(10)}m_{102}^{(00)}m_{031}^{(20)} + m_{011}^{(10)}m_{102}^{(00)}m_{022}^{(10)} - m_{011}^{(10)}m_{102}^{(10)}m_{202}^{(11)}\\
&+m_{011}^{(10)}m_{102}^{(10)}m_{022}^{(00)} + m_{011}^{(10)}m_{102}^{(11)}m_{301}^{(21)} + m_{011}^{(10)}m_{102}^{(11)}m_{211}^{(20)} - m_{011}^{(10)}m_{102}^{(11)}m_{202}^{(10)}\\
&-m_{011}^{(10)}m_{102}^{(11)}m_{112}^{(00)} + 2m_{011}^{(10)}m_{102}^{(20)}m_{220}^{(21)} - m_{011}^{(10)}m_{102}^{(20)}m_{211}^{(11)} + 2m_{011}^{(10)}m_{102}^{(20)}m_{130}^{(20)}\\
&-2m_{011}^{(10)}m_{102}^{(20)}m_{121}^{(10)} - m_{011}^{(10)}m_{102}^{(20)}m_{031}^{(00)} - 2m_{011}^{(10)}m_{102}^{(21)}m_{310}^{(21)} + m_{011}^{(10)}m_{102}^{(21)}m_{301}^{(11)}\\
&-2m_{011}^{(10)}m_{102}^{(21)}m_{220}^{(20)} + 2m_{011}^{(10)}m_{102}^{(21)}m_{211}^{(10)} + m_{011}^{(10)}m_{102}^{(21)}m_{121}^{(00)} - 2m_{011}^{(10)}m_{021}^{(00)}m_{112}^{(20)}\\
&+2m_{011}^{(10)}m_{021}^{(00)}m_{103}^{(10)} - 2m_{011}^{(10)}m_{021}^{(10)}m_{202}^{(20)} + 2m_{011}^{(10)}m_{021}^{(10)}m_{103}^{(00)} + 6m_{011}^{(10)}m_{021}^{(20)}m_{211}^{(20)}\\
&-4m_{011}^{(10)}m_{021}^{(20)}m_{202}^{(10)} - 2m_{011}^{(10)}m_{021}^{(20)}m_{112}^{(00)} + 2m_{011}^{(10)}m_{021}^{(21)}m_{301}^{(20)} - 2m_{011}^{(10)}m_{021}^{(21)}m_{202}^{(00)}\\
&-4m_{011}^{(10)}m_{021}^{(22)}m_{310}^{(20)} + 2m_{011}^{(10)}m_{021}^{(22)}m_{301}^{(10)} + 2m_{011}^{(10)}m_{021}^{(22)}m_{211}^{(00)} + 2m_{011}^{(10)}m_{012}^{(00)}m_{121}^{(20)}\\
&-2m_{011}^{(10)}m_{012}^{(00)}m_{112}^{(10)} + 2m_{011}^{(10)}m_{012}^{(10)}m_{202}^{(10)} - 2m_{011}^{(10)}m_{012}^{(10)}m_{112}^{(00)} - 2m_{011}^{(10)}m_{012}^{(11)}m_{301}^{(20)}\\
&+2m_{011}^{(10)}m_{012}^{(11)}m_{202}^{(00)} - 4m_{011}^{(10)}m_{012}^{(20)}m_{220}^{(20)} + 2m_{011}^{(10)}m_{012}^{(20)}m_{211}^{(10)} + 2m_{011}^{(10)}m_{012}^{(20)}m_{121}^{(00)}\\
&+4m_{011}^{(10)}m_{012}^{(21)}m_{310}^{(20)} - 2m_{011}^{(10)}m_{012}^{(21)}m_{301}^{(10)} - 2m_{011}^{(10)}m_{012}^{(21)}m_{211}^{(00)} - m_{011}^{(11)}m_{300}^{(10)}m_{112}^{(22)}\\
&-m_{011}^{(11)}m_{300}^{(10)}m_{103}^{(21)} + m_{011}^{(11)}m_{300}^{(10)}m_{013}^{(20)} + m_{011}^{(11)}m_{300}^{(10)}m_{004}^{(10)} + m_{011}^{(11)}m_{300}^{(20)}m_{121}^{(22)}\\
&+m_{011}^{(11)}m_{300}^{(20)}m_{112}^{(21)} - m_{011}^{(11)}m_{300}^{(20)}m_{022}^{(20)} - m_{011}^{(11)}m_{300}^{(20)}m_{013}^{(10)} + m_{011}^{(11)}m_{300}^{(21)}m_{211}^{(22)}\\
&+m_{011}^{(11)}m_{300}^{(21)}m_{202}^{(21)} - m_{011}^{(11)}m_{300}^{(21)}m_{112}^{(20)} - m_{011}^{(11)}m_{300}^{(21)}m_{103}^{(10)} - m_{011}^{(11)}m_{300}^{(22)}m_{220}^{(22)}\\
&-m_{011}^{(11)}m_{300}^{(22)}m_{211}^{(21)} + m_{011}^{(11)}m_{300}^{(22)}m_{121}^{(20)} + m_{011}^{(11)}m_{300}^{(22)}m_{112}^{(10)} + m_{011}^{(11)}m_{210}^{(00)}m_{112}^{(22)}\\
&+m_{011}^{(11)}m_{210}^{(00)}m_{103}^{(21)} - m_{011}^{(11)}m_{210}^{(00)}m_{013}^{(20)} - m_{011}^{(11)}m_{210}^{(00)}m_{004}^{(10)} + m_{011}^{(11)}m_{210}^{(10)}m_{202}^{(22)}\\
&-m_{011}^{(11)}m_{210}^{(10)}m_{004}^{(00)} - 3m_{011}^{(11)}m_{210}^{(20)}m_{211}^{(22)} - 2m_{011}^{(11)}m_{210}^{(20)}m_{202}^{(21)} + 2m_{011}^{(11)}m_{210}^{(20)}m_{112}^{(20)}\\
&+2m_{011}^{(11)}m_{210}^{(20)}m_{103}^{(10)} + m_{011}^{(11)}m_{210}^{(20)}m_{013}^{(00)} - m_{011}^{(11)}m_{210}^{(21)}m_{301}^{(22)} + m_{011}^{(11)}m_{210}^{(21)}m_{103}^{(00)}\\
&+2m_{011}^{(11)}m_{210}^{(22)}m_{310}^{(22)} + m_{011}^{(11)}m_{210}^{(22)}m_{301}^{(21)} - m_{011}^{(11)}m_{210}^{(22)}m_{211}^{(20)} - m_{011}^{(11)}m_{210}^{(22)}m_{202}^{(10)}\\
&-m_{011}^{(11)}m_{210}^{(22)}m_{112}^{(00)} - m_{011}^{(11)}m_{201}^{(00)}m_{121}^{(22)} - m_{011}^{(11)}m_{201}^{(00)}m_{112}^{(21)} + m_{011}^{(11)}m_{201}^{(00)}m_{022}^{(20)}\\
&+m_{011}^{(11)}m_{201}^{(00)}m_{013}^{(10)} + m_{011}^{(11)}m_{201}^{(10)}m_{211}^{(22)} + 2m_{011}^{(11)}m_{201}^{(10)}m_{202}^{(21)} - 2m_{011}^{(11)}m_{201}^{(10)}m_{103}^{(10)}\\
&-m_{011}^{(11)}m_{201}^{(10)}m_{013}^{(00)} + m_{011}^{(11)}m_{201}^{(20)}m_{220}^{(22)} - 2m_{011}^{(11)}m_{201}^{(20)}m_{121}^{(20)} + m_{011}^{(11)}m_{201}^{(20)}m_{022}^{(00)}\\
&-m_{011}^{(11)}m_{201}^{(21)}m_{310}^{(22)} - 2m_{011}^{(11)}m_{201}^{(21)}m_{301}^{(21)} + 2m_{011}^{(11)}m_{201}^{(21)}m_{202}^{(10)} + m_{011}^{(11)}m_{201}^{(21)}m_{112}^{(00)}\\
&+m_{011}^{(11)}m_{201}^{(22)}m_{310}^{(21)} + m_{011}^{(11)}m_{201}^{(22)}m_{220}^{(20)} - m_{011}^{(11)}m_{201}^{(22)}m_{211}^{(10)} - m_{011}^{(11)}m_{201}^{(22)}m_{121}^{(00)}\\
&-m_{011}^{(11)}m_{120}^{(00)}m_{202}^{(22)} + m_{011}^{(11)}m_{120}^{(00)}m_{004}^{(00)} + 2m_{011}^{(11)}m_{120}^{(20)}m_{301}^{(22)} - 2m_{011}^{(11)}m_{120}^{(20)}m_{103}^{(00)}\\
&-m_{011}^{(11)}m_{120}^{(22)}m_{400}^{(22)} + m_{011}^{(11)}m_{120}^{(22)}m_{202}^{(00)} + m_{011}^{(11)}m_{111}^{(00)}m_{211}^{(22)} - m_{011}^{(11)}m_{111}^{(00)}m_{202}^{(21)}\\
&-m_{011}^{(11)}m_{111}^{(00)}m_{112}^{(20)} + m_{011}^{(11)}m_{111}^{(00)}m_{103}^{(10)} - m_{011}^{(11)}m_{111}^{(10)}m_{301}^{(22)} - 2m_{011}^{(11)}m_{111}^{(10)}m_{202}^{(20)}\\
&+3m_{011}^{(11)}m_{111}^{(10)}m_{103}^{(00)} - m_{011}^{(11)}m_{111}^{(20)}m_{310}^{(22)} + 2m_{011}^{(11)}m_{111}^{(20)}m_{301}^{(21)} + 4m_{011}^{(11)}m_{111}^{(20)}m_{211}^{(20)}\\
&-2m_{011}^{(11)}m_{111}^{(20)}m_{202}^{(10)} - 3m_{011}^{(11)}m_{111}^{(20)}m_{112}^{(00)} + m_{011}^{(11)}m_{111}^{(21)}m_{400}^{(22)} + 2m_{011}^{(11)}m_{111}^{(21)}m_{301}^{(20)}\\
&-3m_{011}^{(11)}m_{111}^{(21)}m_{202}^{(00)} - m_{011}^{(11)}m_{111}^{(22)}m_{400}^{(21)} - 3m_{011}^{(11)}m_{111}^{(22)}m_{310}^{(20)} + m_{011}^{(11)}m_{111}^{(22)}m_{301}^{(10)}
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\begin{aligned}
&+3m_{011}^{(11)}m_{111}^{(22)}m_{211}^{(00)} + m_{011}^{(11)}m_{102}^{(00)}m_{211}^{(21)} + m_{011}^{(11)}m_{102}^{(00)}m_{121}^{(20)} - m_{011}^{(11)}m_{102}^{(00)}m_{112}^{(10)}\\
&-m_{011}^{(11)}m_{102}^{(00)}m_{022}^{(00)} - m_{011}^{(11)}m_{102}^{(10)}m_{301}^{(21)} - m_{011}^{(11)}m_{102}^{(10)}m_{211}^{(20)} + m_{011}^{(11)}m_{102}^{(10)}m_{202}^{(10)}\\
&+m_{011}^{(11)}m_{102}^{(10)}m_{112}^{(00)} - m_{011}^{(11)}m_{102}^{(20)}m_{310}^{(21)} - m_{011}^{(11)}m_{102}^{(20)}m_{220}^{(20)} + m_{011}^{(11)}m_{102}^{(20)}m_{211}^{(10)}\\
&+m_{011}^{(11)}m_{102}^{(20)}m_{121}^{(00)} + m_{011}^{(11)}m_{102}^{(21)}m_{400}^{(21)} + m_{011}^{(11)}m_{102}^{(21)}m_{310}^{(20)} - m_{011}^{(11)}m_{102}^{(21)}m_{301}^{(10)}\\
&-m_{011}^{(11)}m_{102}^{(21)}m_{211}^{(00)} + 2m_{011}^{(11)}m_{021}^{(00)}m_{202}^{(20)} - 2m_{011}^{(11)}m_{021}^{(00)}m_{103}^{(00)} - 4m_{011}^{(11)}m_{021}^{(20)}m_{301}^{(20)}\\
&+4m_{011}^{(11)}m_{021}^{(20)}m_{202}^{(00)} + 2m_{011}^{(11)}m_{021}^{(22)}m_{400}^{(20)} - 2m_{011}^{(11)}m_{021}^{(22)}m_{301}^{(00)} - 2m_{011}^{(11)}m_{012}^{(00)}m_{211}^{(20)}\\
&+2m_{011}^{(11)}m_{012}^{(00)}m_{112}^{(00)} + 2m_{011}^{(11)}m_{012}^{(10)}m_{301}^{(20)} - 2m_{011}^{(11)}m_{012}^{(10)}m_{202}^{(00)} + 2m_{011}^{(11)}m_{012}^{(20)}m_{310}^{(20)}\\
&-2m_{011}^{(11)}m_{012}^{(20)}m_{211}^{(00)} - 2m_{011}^{(11)}m_{012}^{(21)}m_{400}^{(20)} + 2m_{011}^{(11)}m_{012}^{(21)}m_{301}^{(00)} - m_{011}^{(20)}m_{300}^{(10)}m_{031}^{(22)}\\
&+m_{011}^{(20)}m_{300}^{(10)}m_{013}^{(11)} + m_{011}^{(20)}m_{300}^{(11)}m_{121}^{(22)} - m_{011}^{(20)}m_{300}^{(11)}m_{112}^{(21)} - 2m_{011}^{(20)}m_{300}^{(11)}m_{103}^{(11)}\\
&+m_{011}^{(20)}m_{300}^{(11)}m_{022}^{(20)} + m_{011}^{(20)}m_{300}^{(11)}m_{013}^{(10)} + m_{011}^{(20)}m_{300}^{(20)}m_{040}^{(22)} - m_{011}^{(20)}m_{300}^{(20)}m_{022}^{(11)}\\
&-m_{011}^{(20)}m_{300}^{(21)}m_{130}^{(22)} + 2m_{011}^{(20)}m_{300}^{(21)}m_{121}^{(21)} + 3m_{011}^{(20)}m_{300}^{(21)}m_{112}^{(11)} - 2m_{011}^{(20)}m_{300}^{(21)}m_{031}^{(20)}\\
&-2m_{011}^{(20)}m_{300}^{(21)}m_{022}^{(10)} - m_{011}^{(20)}m_{300}^{(22)}m_{130}^{(21)} - m_{011}^{(20)}m_{300}^{(22)}m_{121}^{(11)} + m_{011}^{(20)}m_{300}^{(22)}m_{040}^{(20)}\\
&+m_{011}^{(20)}m_{300}^{(22)}m_{031}^{(10)} + m_{011}^{(20)}m_{210}^{(00)}m_{031}^{(22)} - m_{011}^{(20)}m_{210}^{(00)}m_{013}^{(11)} + 2m_{011}^{(20)}m_{210}^{(10)}m_{103}^{(11)}\\
&-2m_{011}^{(20)}m_{210}^{(10)}m_{013}^{(10)} - m_{011}^{(20)}m_{210}^{(11)}m_{211}^{(22)} + 2m_{011}^{(20)}m_{210}^{(11)}m_{202}^{(21)} - 2m_{011}^{(20)}m_{210}^{(11)}m_{112}^{(20)}\\
&+2m_{011}^{(20)}m_{210}^{(11)}m_{103}^{(10)} - m_{011}^{(20)}m_{210}^{(11)}m_{013}^{(00)} - 2m_{011}^{(20)}m_{210}^{(20)}m_{130}^{(22)} + 2m_{011}^{(20)}m_{210}^{(20)}m_{022}^{(10)}\\
&+2m_{011}^{(20)}m_{210}^{(21)}m_{220}^{(22)} - 4m_{011}^{(20)}m_{210}^{(21)}m_{211}^{(21)} - 2m_{011}^{(20)}m_{210}^{(21)}m_{202}^{(11)} + 4m_{011}^{(20)}m_{210}^{(21)}m_{121}^{(20)}\\
&-2m_{011}^{(20)}m_{210}^{(21)}m_{112}^{(10)} + 2m_{011}^{(20)}m_{210}^{(21)}m_{022}^{(00)} + 2m_{011}^{(20)}m_{210}^{(22)}m_{220}^{(21)} + m_{011}^{(20)}m_{210}^{(22)}m_{211}^{(11)}\\
&-2m_{011}^{(20)}m_{210}^{(22)}m_{130}^{(20)} - m_{011}^{(20)}m_{210}^{(22)}m_{031}^{(00)} - m_{011}^{(20)}m_{201}^{(00)}m_{040}^{(22)} + m_{011}^{(20)}m_{201}^{(00)}m_{022}^{(11)}\\
&+2m_{011}^{(20)}m_{201}^{(10)}m_{130}^{(22)} - 4m_{011}^{(20)}m_{201}^{(10)}m_{112}^{(11)} + 2m_{011}^{(20)}m_{201}^{(10)}m_{031}^{(20)} - m_{011}^{(20)}m_{201}^{(11)}m_{220}^{(22)}\\
&+4m_{011}^{(20)}m_{201}^{(11)}m_{202}^{(11)} - 2m_{011}^{(20)}m_{201}^{(11)}m_{121}^{(20)} - m_{011}^{(20)}m_{201}^{(11)}m_{022}^{(00)} + 2m_{011}^{(20)}m_{201}^{(20)}m_{121}^{(11)}\\
&-2m_{011}^{(20)}m_{201}^{(20)}m_{040}^{(20)} - 4m_{011}^{(20)}m_{201}^{(21)}m_{211}^{(11)} + 2m_{011}^{(20)}m_{201}^{(21)}m_{130}^{(20)} + 2m_{011}^{(20)}m_{201}^{(21)}m_{031}^{(00)}\\
&+m_{011}^{(20)}m_{201}^{(22)}m_{220}^{(11)} - m_{011}^{(20)}m_{201}^{(22)}m_{040}^{(00)} - m_{011}^{(20)}m_{120}^{(00)}m_{121}^{(22)} + m_{011}^{(20)}m_{120}^{(00)}m_{112}^{(21)}\\
&-m_{011}^{(20)}m_{120}^{(00)}m_{022}^{(20)} + m_{011}^{(20)}m_{120}^{(00)}m_{013}^{(10)} + m_{011}^{(20)}m_{120}^{(10)}m_{211}^{(22)} - 2m_{011}^{(20)}m_{120}^{(10)}m_{202}^{(21)}\\
&+2m_{011}^{(20)}m_{120}^{(10)}m_{112}^{(20)} - 2m_{011}^{(20)}m_{120}^{(10)}m_{103}^{(10)} + m_{011}^{(20)}m_{120}^{(10)}m_{013}^{(00)} + m_{011}^{(20)}m_{120}^{(20)}m_{220}^{(22)}\\
&-m_{011}^{(20)}m_{120}^{(20)}m_{022}^{(00)} - m_{011}^{(20)}m_{120}^{(21)}m_{310}^{(22)} + 2m_{011}^{(20)}m_{120}^{(21)}m_{301}^{(21)} - 2m_{011}^{(20)}m_{120}^{(21)}m_{211}^{(20)}\\
&+2m_{011}^{(20)}m_{120}^{(21)}m_{202}^{(10)} - m_{011}^{(20)}m_{120}^{(21)}m_{112}^{(00)} - m_{011}^{(20)}m_{120}^{(22)}m_{310}^{(21)} + m_{011}^{(20)}m_{120}^{(22)}m_{220}^{(20)}\\
&-m_{011}^{(20)}m_{120}^{(22)}m_{211}^{(10)} + m_{011}^{(20)}m_{120}^{(22)}m_{121}^{(00)} + m_{011}^{(20)}m_{111}^{(00)}m_{130}^{(22)} - 2m_{011}^{(20)}m_{111}^{(00)}m_{121}^{(21)}\\
&+m_{011}^{(20)}m_{111}^{(00)}m_{112}^{(11)} - 2m_{011}^{(20)}m_{111}^{(10)}m_{220}^{(22)} + 4m_{011}^{(20)}m_{111}^{(10)}m_{211}^{(21)} - 2m_{011}^{(20)}m_{111}^{(10)}m_{202}^{(11)}\\
&-4m_{011}^{(20)}m_{111}^{(10)}m_{121}^{(20)} + 4m_{011}^{(20)}m_{111}^{(10)}m_{112}^{(10)} + m_{011}^{(20)}m_{111}^{(11)}m_{310}^{(22)} - 2m_{011}^{(20)}m_{111}^{(11)}m_{301}^{(21)}\\
&+4m_{011}^{(20)}m_{111}^{(11)}m_{211}^{(20)} - 6m_{011}^{(20)}m_{111}^{(11)}m_{202}^{(10)} + 3m_{011}^{(20)}m_{111}^{(11)}m_{112}^{(00)} + 4m_{011}^{(20)}m_{111}^{(20)}m_{130}^{(20)}\\
&-4m_{011}^{(20)}m_{111}^{(20)}m_{121}^{(10)} + 2m_{011}^{(20)}m_{111}^{(21)}m_{301}^{(11)} - 4m_{011}^{(20)}m_{111}^{(21)}m_{220}^{(20)} + 8m_{011}^{(20)}m_{111}^{(21)}m_{211}^{(10)}\\
&-6m_{011}^{(20)}m_{111}^{(21)}m_{121}^{(00)} - m_{011}^{(20)}m_{111}^{(22)}m_{310}^{(11)} - 2m_{011}^{(20)}m_{111}^{(22)}m_{220}^{(10)} + 3m_{011}^{(20)}m_{111}^{(22)}m_{130}^{(00)}\\
&+m_{011}^{(20)}m_{102}^{(00)}m_{130}^{(21)} - m_{011}^{(20)}m_{102}^{(00)}m_{121}^{(11)} + m_{011}^{(20)}m_{102}^{(00)}m_{040}^{(20)} - m_{011}^{(20)}m_{102}^{(00)}m_{031}^{(10)}\\
&-2m_{011}^{(20)}m_{102}^{(10)}m_{220}^{(21)} + 3m_{011}^{(20)}m_{102}^{(10)}m_{211}^{(11)} - 2m_{011}^{(20)}m_{102}^{(10)}m_{130}^{(20)} + 2m_{011}^{(20)}m_{102}^{(10)}m_{121}^{(10)}\\
&-m_{011}^{(20)}m_{102}^{(10)}m_{031}^{(00)} + m_{011}^{(20)}m_{102}^{(11)}m_{310}^{(21)} - 2m_{011}^{(20)}m_{102}^{(11)}m_{301}^{(11)} + m_{011}^{(20)}m_{102}^{(11)}m_{220}^{(20)}\\
&-m_{011}^{(20)}m_{102}^{(11)}m_{211}^{(10)} + m_{011}^{(20)}m_{102}^{(11)}m_{121}^{(00)} - m_{011}^{(20)}m_{102}^{(20)}m_{220}^{(11)} + m_{011}^{(20)}m_{102}^{(20)}m_{040}^{(00)}\\
&+m_{011}^{(20)}m_{102}^{(21)}m_{310}^{(11)} - m_{011}^{(20)}m_{102}^{(21)}m_{130}^{(00)} + 2m_{011}^{(20)}m_{021}^{(00)}m_{121}^{(20)} - 2m_{011}^{(20)}m_{021}^{(00)}m_{112}^{(10)}\\
&-2m_{011}^{(20)}m_{021}^{(10)}m_{211}^{(20)} + 4m_{011}^{(20)}m_{021}^{(10)}m_{202}^{(10)} - 2m_{011}^{(20)}m_{021}^{(10)}m_{112}^{(00)} - 2m_{011}^{(20)}m_{021}^{(20)}m_{220}^{(20)}
\end{aligned}
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$$+2m_{011}^{(20)}m_{021}^{(20)}m_{121}^{(00)}+2m_{011}^{(20)}m_{021}^{(21)}m_{310}^{(20)}-4m_{011}^{(20)}m_{021}^{(21)}m_{301}^{(10)}+2m_{011}^{(20)}m_{021}^{(21)}m_{211}^{(00)}$$
$$+2m_{011}^{(20)}m_{021}^{(22)}m_{310}^{(10)}-2m_{011}^{(20)}m_{021}^{(22)}m_{220}^{(00)}-2m_{011}^{(20)}m_{012}^{(00)}m_{130}^{(20)}+2m_{011}^{(20)}m_{012}^{(00)}m_{121}^{(10)}$$
$$+4m_{011}^{(20)}m_{012}^{(10)}m_{220}^{(20)}-6m_{011}^{(20)}m_{012}^{(10)}m_{211}^{(10)}+2m_{011}^{(20)}m_{012}^{(10)}m_{121}^{(00)}-2m_{011}^{(20)}m_{012}^{(11)}m_{310}^{(20)}$$
$$+4m_{011}^{(20)}m_{012}^{(11)}m_{301}^{(10)}-2m_{011}^{(20)}m_{012}^{(11)}m_{211}^{(00)}+2m_{011}^{(20)}m_{012}^{(20)}m_{220}^{(10)}-2m_{011}^{(20)}m_{012}^{(20)}m_{130}^{(00)}$$
$$-2m_{011}^{(20)}m_{012}^{(21)}m_{310}^{(10)}+2m_{011}^{(20)}m_{012}^{(21)}m_{220}^{(00)}+m_{011}^{(21)}m_{300}^{(10)}m_{121}^{(22)}+2m_{011}^{(21)}m_{300}^{(10)}m_{112}^{(21)}$$
$$+m_{011}^{(21)}m_{300}^{(10)}m_{103}^{(11)}-2m_{011}^{(21)}m_{300}^{(10)}m_{022}^{(20)}-2m_{011}^{(21)}m_{300}^{(10)}m_{013}^{(10)}-m_{011}^{(21)}m_{300}^{(11)}m_{211}^{(22)}$$
$$-m_{011}^{(21)}m_{300}^{(11)}m_{202}^{(21)}+m_{011}^{(21)}m_{300}^{(11)}m_{112}^{(20)}+m_{011}^{(21)}m_{300}^{(11)}m_{103}^{(10)}-m_{011}^{(21)}m_{300}^{(20)}m_{130}^{(22)}$$
$$-2m_{011}^{(21)}m_{300}^{(20)}m_{121}^{(21)}-m_{011}^{(21)}m_{300}^{(20)}m_{112}^{(11)}+2m_{011}^{(21)}m_{300}^{(20)}m_{031}^{(20)}+2m_{011}^{(21)}m_{300}^{(20)}m_{022}^{(10)}$$
$$+m_{011}^{(21)}m_{300}^{(21)}m_{220}^{(22)}-m_{011}^{(21)}m_{300}^{(21)}m_{202}^{(11)}+m_{011}^{(21)}m_{300}^{(22)}m_{220}^{(21)}+m_{011}^{(21)}m_{300}^{(22)}m_{211}^{(11)}$$
$$-m_{011}^{(21)}m_{300}^{(22)}m_{130}^{(20)}-m_{011}^{(21)}m_{300}^{(22)}m_{121}^{(10)}-m_{011}^{(21)}m_{210}^{(00)}m_{121}^{(22)}-2m_{011}^{(21)}m_{210}^{(00)}m_{112}^{(21)}$$
$$-m_{011}^{(21)}m_{210}^{(00)}m_{103}^{(11)}+2m_{011}^{(21)}m_{210}^{(00)}m_{022}^{(20)}+2m_{011}^{(21)}m_{210}^{(00)}m_{013}^{(10)}-2m_{011}^{(21)}m_{210}^{(10)}m_{103}^{(10)}$$
$$+2m_{011}^{(21)}m_{210}^{(10)}m_{013}^{(00)}+m_{011}^{(21)}m_{210}^{(11)}m_{301}^{(22)}-m_{011}^{(21)}m_{210}^{(11)}m_{103}^{(00)}+2m_{011}^{(21)}m_{210}^{(20)}m_{220}^{(22)}$$
$$+4m_{011}^{(21)}m_{210}^{(20)}m_{211}^{(21)}+2m_{011}^{(21)}m_{210}^{(20)}m_{202}^{(11)}-4m_{011}^{(21)}m_{210}^{(20)}m_{121}^{(20)}-2m_{011}^{(21)}m_{210}^{(20)}m_{112}^{(10)}$$
$$-2m_{011}^{(21)}m_{210}^{(20)}m_{022}^{(00)}-2m_{011}^{(21)}m_{210}^{(21)}m_{310}^{(22)}+2m_{011}^{(21)}m_{210}^{(21)}m_{202}^{(10)}-2m_{011}^{(21)}m_{210}^{(22)}m_{310}^{(21)}$$
$$-m_{011}^{(21)}m_{210}^{(22)}m_{301}^{(11)}+2m_{011}^{(21)}m_{210}^{(22)}m_{220}^{(20)}+m_{011}^{(21)}m_{210}^{(22)}m_{121}^{(00)}+m_{011}^{(21)}m_{201}^{(00)}m_{130}^{(22)}$$
$$+2m_{011}^{(21)}m_{201}^{(00)}m_{121}^{(21)}+m_{011}^{(21)}m_{201}^{(00)}m_{112}^{(11)}-2m_{011}^{(21)}m_{201}^{(00)}m_{031}^{(20)}-2m_{011}^{(21)}m_{201}^{(00)}m_{022}^{(10)}$$
$$-2m_{011}^{(21)}m_{201}^{(10)}m_{220}^{(22)}-4m_{011}^{(21)}m_{201}^{(10)}m_{211}^{(21)}-2m_{011}^{(21)}m_{201}^{(10)}m_{202}^{(11)}+2m_{011}^{(21)}m_{201}^{(10)}m_{121}^{(20)}$$
$$+4m_{011}^{(21)}m_{201}^{(10)}m_{112}^{(10)}+2m_{011}^{(21)}m_{201}^{(10)}m_{022}^{(00)}+m_{011}^{(21)}m_{201}^{(11)}m_{310}^{(22)}+2m_{011}^{(21)}m_{201}^{(11)}m_{301}^{(21)}$$
$$-2m_{011}^{(21)}m_{201}^{(11)}m_{202}^{(10)}-m_{011}^{(21)}m_{201}^{(11)}m_{112}^{(00)}+2m_{011}^{(21)}m_{201}^{(20)}m_{130}^{(20)}-2m_{011}^{(21)}m_{201}^{(20)}m_{031}^{(00)}$$
$$+2m_{011}^{(21)}m_{201}^{(21)}m_{301}^{(11)}-2m_{011}^{(21)}m_{201}^{(21)}m_{220}^{(20)}-m_{011}^{(21)}m_{201}^{(22)}m_{310}^{(11)}+m_{011}^{(21)}m_{201}^{(22)}m_{130}^{(00)}$$
$$+m_{011}^{(21)}m_{120}^{(00)}m_{211}^{(22)}+m_{011}^{(21)}m_{120}^{(00)}m_{202}^{(21)}-m_{011}^{(21)}m_{120}^{(00)}m_{112}^{(20)}+m_{011}^{(21)}m_{120}^{(00)}m_{103}^{(10)}$$
$$-2m_{011}^{(21)}m_{120}^{(00)}m_{013}^{(00)}-m_{011}^{(21)}m_{120}^{(10)}m_{301}^{(22)}+m_{011}^{(21)}m_{120}^{(10)}m_{103}^{(00)}-m_{011}^{(21)}m_{120}^{(20)}m_{310}^{(22)}$$
$$-2m_{011}^{(21)}m_{120}^{(20)}m_{301}^{(21)}+2m_{011}^{(21)}m_{120}^{(20)}m_{211}^{(20)}-2m_{011}^{(21)}m_{120}^{(20)}m_{202}^{(10)}+3m_{011}^{(21)}m_{120}^{(20)}m_{112}^{(00)}$$
$$+m_{011}^{(21)}m_{120}^{(21)}m_{400}^{(22)}-m_{011}^{(21)}m_{120}^{(21)}m_{202}^{(00)}+m_{011}^{(21)}m_{120}^{(22)}m_{400}^{(21)}-m_{011}^{(21)}m_{120}^{(22)}m_{310}^{(20)}$$
$$+m_{011}^{(21)}m_{120}^{(22)}m_{301}^{(10)}-m_{011}^{(21)}m_{120}^{(22)}m_{211}^{(00)}-m_{011}^{(21)}m_{111}^{(00)}m_{220}^{(22)}+m_{011}^{(21)}m_{111}^{(00)}m_{202}^{(11)}$$
$$+2m_{011}^{(21)}m_{111}^{(00)}m_{121}^{(20)}-2m_{011}^{(21)}m_{111}^{(00)}m_{112}^{(10)}+2m_{011}^{(21)}m_{111}^{(10)}m_{310}^{(22)}+4m_{011}^{(21)}m_{111}^{(10)}m_{202}^{(10)}$$
$$-6m_{011}^{(21)}m_{111}^{(10)}m_{112}^{(00)}-m_{011}^{(21)}m_{111}^{(11)}m_{400}^{(22)}-2m_{011}^{(21)}m_{111}^{(11)}m_{301}^{(20)}+3m_{011}^{(21)}m_{111}^{(11)}m_{202}^{(00)}$$
$$-2m_{011}^{(21)}m_{111}^{(20)}m_{301}^{(11)}-4m_{011}^{(21)}m_{111}^{(20)}m_{220}^{(20)}+6m_{011}^{(21)}m_{111}^{(20)}m_{121}^{(00)}+4m_{011}^{(21)}m_{111}^{(21)}m_{310}^{(20)}$$
$$-4m_{011}^{(21)}m_{111}^{(21)}m_{301}^{(10)}+m_{011}^{(21)}m_{111}^{(22)}m_{400}^{(11)}+2m_{011}^{(21)}m_{111}^{(22)}m_{310}^{(10)}-3m_{011}^{(21)}m_{111}^{(22)}m_{220}^{(00)}$$
$$-m_{011}^{(21)}m_{102}^{(00)}m_{220}^{(21)}-m_{011}^{(21)}m_{102}^{(00)}m_{211}^{(11)}-m_{011}^{(21)}m_{102}^{(00)}m_{130}^{(20)}+m_{011}^{(21)}m_{102}^{(00)}m_{121}^{(10)}$$
$$+2m_{011}^{(21)}m_{102}^{(00)}m_{031}^{(00)}+2m_{011}^{(21)}m_{102}^{(10)}m_{310}^{(21)}+m_{011}^{(21)}m_{102}^{(10)}m_{301}^{(11)}+2m_{011}^{(21)}m_{102}^{(10)}m_{220}^{(20)}$$
$$-2m_{011}^{(21)}m_{102}^{(10)}m_{211}^{(10)}-3m_{011}^{(21)}m_{102}^{(10)}m_{121}^{(00)}-m_{011}^{(21)}m_{102}^{(11)}m_{400}^{(21)}-m_{011}^{(21)}m_{102}^{(11)}m_{310}^{(20)}$$
$$+m_{011}^{(21)}m_{102}^{(11)}m_{301}^{(10)}+m_{011}^{(21)}m_{102}^{(11)}m_{211}^{(00)}+m_{011}^{(21)}m_{102}^{(20)}m_{310}^{(11)}-m_{011}^{(21)}m_{102}^{(20)}m_{130}^{(00)}$$
$$-m_{011}^{(21)}m_{102}^{(21)}m_{400}^{(11)}+m_{011}^{(21)}m_{102}^{(21)}m_{220}^{(00)}-2m_{011}^{(21)}m_{021}^{(00)}m_{211}^{(20)}-2m_{011}^{(21)}m_{021}^{(00)}m_{202}^{(10)}$$
$$+4m_{011}^{(21)}m_{021}^{(00)}m_{112}^{(00)}+2m_{011}^{(21)}m_{021}^{(10)}m_{301}^{(20)}-2m_{011}^{(21)}m_{021}^{(10)}m_{202}^{(00)}+2m_{011}^{(21)}m_{021}^{(20)}m_{310}^{(20)}$$
$$+4m_{011}^{(21)}m_{021}^{(20)}m_{301}^{(10)}-6m_{011}^{(21)}m_{021}^{(20)}m_{211}^{(00)}-2m_{011}^{(21)}m_{021}^{(21)}m_{400}^{(20)}+2m_{011}^{(21)}m_{021}^{(21)}m_{301}^{(00)}$$
$$-2m_{011}^{(21)}m_{021}^{(22)}m_{400}^{(10)}+2m_{011}^{(21)}m_{021}^{(22)}m_{310}^{(00)}+2m_{011}^{(21)}m_{012}^{(00)}m_{220}^{(20)}+2m_{011}^{(21)}m_{012}^{(00)}m_{211}^{(10)}$$
$$-4m_{011}^{(21)}m_{012}^{(00)}m_{121}^{(00)}-4m_{011}^{(21)}m_{012}^{(10)}m_{310}^{(20)}-2m_{011}^{(21)}m_{012}^{(10)}m_{301}^{(10)}+6m_{011}^{(21)}m_{012}^{(10)}m_{211}^{(00)}$$

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\begin{aligned}
&+2m_{011}^{(21)}m_{012}^{(11)}m_{400}^{(20)} - 2m_{011}^{(21)}m_{012}^{(11)}m_{301}^{(00)} - 2m_{011}^{(21)}m_{012}^{(20)}m_{310}^{(10)} + 2m_{011}^{(21)}m_{012}^{(20)}m_{220}^{(00)}\\
&+2m_{011}^{(21)}m_{012}^{(21)}m_{400}^{(10)} - 2m_{011}^{(21)}m_{012}^{(21)}m_{310}^{(00)} - m_{011}^{(22)}m_{300}^{(10)}m_{121}^{(21)} - m_{011}^{(22)}m_{300}^{(10)}m_{112}^{(11)}\\
&+m_{011}^{(22)}m_{300}^{(10)}m_{031}^{(20)} + m_{011}^{(22)}m_{300}^{(10)}m_{022}^{(10)} + m_{011}^{(22)}m_{300}^{(11)}m_{211}^{(21)} + m_{011}^{(22)}m_{300}^{(11)}m_{202}^{(11)}\\
&-m_{011}^{(22)}m_{300}^{(11)}m_{121}^{(20)} - m_{011}^{(22)}m_{300}^{(11)}m_{112}^{(10)} + m_{011}^{(22)}m_{300}^{(20)}m_{130}^{(21)} + m_{011}^{(22)}m_{300}^{(20)}m_{121}^{(11)}\\
&-m_{011}^{(22)}m_{300}^{(20)}m_{040}^{(20)} - m_{011}^{(22)}m_{300}^{(20)}m_{031}^{(10)} - m_{011}^{(22)}m_{300}^{(21)}m_{220}^{(21)} - m_{011}^{(22)}m_{300}^{(21)}m_{211}^{(11)}\\
&+m_{011}^{(22)}m_{300}^{(21)}m_{130}^{(20)} + m_{011}^{(22)}m_{300}^{(21)}m_{121}^{(10)} + m_{011}^{(22)}m_{210}^{(00)}m_{121}^{(21)} + m_{011}^{(22)}m_{210}^{(00)}m_{112}^{(11)}\\
&-m_{011}^{(22)}m_{210}^{(00)}m_{031}^{(20)} - m_{011}^{(22)}m_{210}^{(00)}m_{022}^{(10)} - m_{011}^{(22)}m_{210}^{(10)}m_{202}^{(11)} + 2m_{011}^{(22)}m_{210}^{(10)}m_{112}^{(10)}\\
&-m_{011}^{(22)}m_{210}^{(10)}m_{022}^{(00)} - m_{011}^{(22)}m_{210}^{(11)}m_{301}^{(21)} + m_{011}^{(22)}m_{210}^{(11)}m_{211}^{(20)} - m_{011}^{(22)}m_{210}^{(11)}m_{202}^{(10)}\\
&+m_{011}^{(22)}m_{210}^{(11)}m_{112}^{(00)} - 2m_{011}^{(22)}m_{210}^{(20)}m_{220}^{(21)} - m_{011}^{(22)}m_{210}^{(20)}m_{211}^{(11)} + 2m_{011}^{(22)}m_{210}^{(20)}m_{130}^{(20)}\\
&+m_{011}^{(22)}m_{210}^{(20)}m_{031}^{(00)} + 2m_{011}^{(22)}m_{210}^{(21)}m_{310}^{(21)} + m_{011}^{(22)}m_{210}^{(21)}m_{301}^{(11)} - 2m_{011}^{(22)}m_{210}^{(21)}m_{220}^{(20)}\\
&-m_{011}^{(22)}m_{210}^{(21)}m_{121}^{(00)} - m_{011}^{(22)}m_{201}^{(00)}m_{130}^{(21)} - m_{011}^{(22)}m_{201}^{(00)}m_{121}^{(11)} + m_{011}^{(22)}m_{201}^{(00)}m_{040}^{(20)}\\
&+m_{011}^{(22)}m_{201}^{(00)}m_{031}^{(10)} + 2m_{011}^{(22)}m_{201}^{(10)}m_{220}^{(21)} + 3m_{011}^{(22)}m_{201}^{(10)}m_{211}^{(11)} - 2m_{011}^{(22)}m_{201}^{(10)}m_{130}^{(20)}\\
&-2m_{011}^{(22)}m_{201}^{(10)}m_{121}^{(10)} - m_{011}^{(22)}m_{201}^{(10)}m_{031}^{(00)} - m_{011}^{(22)}m_{201}^{(11)}m_{310}^{(21)} - 2m_{011}^{(22)}m_{201}^{(11)}m_{301}^{(11)}\\
&+m_{011}^{(22)}m_{201}^{(11)}m_{220}^{(20)} + m_{011}^{(22)}m_{201}^{(11)}m_{211}^{(10)} + m_{011}^{(22)}m_{201}^{(11)}m_{121}^{(00)} - m_{011}^{(22)}m_{201}^{(20)}m_{220}^{(11)}\\
&+m_{011}^{(22)}m_{201}^{(20)}m_{040}^{(00)} + m_{011}^{(22)}m_{201}^{(21)}m_{310}^{(11)} - m_{011}^{(22)}m_{201}^{(21)}m_{130}^{(00)} - m_{011}^{(22)}m_{120}^{(00)}m_{211}^{(21)}\\
&+m_{011}^{(22)}m_{120}^{(00)}m_{121}^{(20)} - m_{011}^{(22)}m_{120}^{(00)}m_{112}^{(10)} + m_{011}^{(22)}m_{120}^{(00)}m_{022}^{(00)} + m_{011}^{(22)}m_{120}^{(10)}m_{301}^{(21)}\\
&-m_{011}^{(22)}m_{120}^{(10)}m_{211}^{(20)} + m_{011}^{(22)}m_{120}^{(10)}m_{202}^{(10)} - m_{011}^{(22)}m_{120}^{(10)}m_{112}^{(00)} + m_{011}^{(22)}m_{120}^{(20)}m_{310}^{(21)}\\
&-m_{011}^{(22)}m_{120}^{(20)}m_{220}^{(20)} + m_{011}^{(22)}m_{120}^{(20)}m_{211}^{(10)} - m_{011}^{(22)}m_{120}^{(20)}m_{121}^{(00)} - m_{011}^{(22)}m_{120}^{(21)}m_{400}^{(21)}\\
&+m_{011}^{(22)}m_{120}^{(21)}m_{310}^{(20)} - m_{011}^{(22)}m_{120}^{(21)}m_{301}^{(10)} + m_{011}^{(22)}m_{120}^{(21)}m_{211}^{(00)} + m_{011}^{(22)}m_{111}^{(00)}m_{220}^{(21)}\\
&-m_{011}^{(22)}m_{111}^{(00)}m_{211}^{(11)} - m_{011}^{(22)}m_{111}^{(00)}m_{130}^{(20)} + m_{011}^{(22)}m_{111}^{(00)}m_{121}^{(10)} - 2m_{011}^{(22)}m_{111}^{(10)}m_{310}^{(21)}\\
&+m_{011}^{(22)}m_{111}^{(10)}m_{301}^{(11)} + 2m_{011}^{(22)}m_{111}^{(10)}m_{220}^{(20)} - 4m_{011}^{(22)}m_{111}^{(10)}m_{211}^{(10)} + 3m_{011}^{(22)}m_{111}^{(10)}m_{121}^{(00)}\\
&+m_{011}^{(22)}m_{111}^{(11)}m_{400}^{(21)} - m_{011}^{(22)}m_{111}^{(11)}m_{310}^{(20)} + 3m_{011}^{(22)}m_{111}^{(11)}m_{301}^{(10)} - 3m_{011}^{(22)}m_{111}^{(11)}m_{211}^{(00)}\\
&+m_{011}^{(22)}m_{111}^{(20)}m_{310}^{(11)} + 2m_{011}^{(22)}m_{111}^{(20)}m_{220}^{(10)} - 3m_{011}^{(22)}m_{111}^{(20)}m_{130}^{(00)} - m_{011}^{(22)}m_{111}^{(21)}m_{400}^{(11)}\\
&-2m_{011}^{(22)}m_{111}^{(21)}m_{310}^{(10)} + 3m_{011}^{(22)}m_{111}^{(21)}m_{220}^{(00)} + m_{011}^{(22)}m_{102}^{(00)}m_{220}^{(11)} - m_{011}^{(22)}m_{102}^{(00)}m_{040}^{(00)}\\
&-2m_{011}^{(22)}m_{102}^{(10)}m_{310}^{(11)} + 2m_{011}^{(22)}m_{102}^{(10)}m_{130}^{(00)} + m_{011}^{(22)}m_{102}^{(11)}m_{400}^{(11)} - m_{011}^{(22)}m_{102}^{(11)}m_{220}^{(00)}\\
&+2m_{011}^{(22)}m_{021}^{(00)}m_{211}^{(10)} - 2m_{011}^{(22)}m_{021}^{(00)}m_{121}^{(00)} - 2m_{011}^{(22)}m_{021}^{(10)}m_{301}^{(10)} + 2m_{011}^{(22)}m_{021}^{(10)}m_{211}^{(00)}\\
&-2m_{011}^{(22)}m_{021}^{(20)}m_{310}^{(10)} + 2m_{011}^{(22)}m_{021}^{(20)}m_{220}^{(00)} + 2m_{011}^{(22)}m_{021}^{(21)}m_{400}^{(10)} - 2m_{011}^{(22)}m_{021}^{(21)}m_{310}^{(00)}\\
&-2m_{011}^{(22)}m_{012}^{(00)}m_{220}^{(10)} + 2m_{011}^{(22)}m_{012}^{(00)}m_{130}^{(00)} + 4m_{011}^{(22)}m_{012}^{(10)}m_{310}^{(10)} - 4m_{011}^{(22)}m_{012}^{(10)}m_{220}^{(00)}\\
&-2m_{011}^{(22)}m_{012}^{(11)}m_{400}^{(10)} + 2m_{011}^{(22)}m_{012}^{(11)}m_{310}^{(00)} + m_{002}^{(00)}m_{300}^{(11)}m_{022}^{(21)} - m_{002}^{(00)}m_{300}^{(11)}m_{013}^{(11)}\\
&-2m_{002}^{(00)}m_{300}^{(21)}m_{031}^{(21)} + 2m_{002}^{(00)}m_{300}^{(21)}m_{022}^{(11)} + m_{002}^{(00)}m_{300}^{(22)}m_{040}^{(21)} - m_{002}^{(00)}m_{300}^{(22)}m_{031}^{(11)}\\
&-m_{002}^{(00)}m_{210}^{(10)}m_{022}^{(21)} + m_{002}^{(00)}m_{210}^{(10)}m_{013}^{(11)} - m_{002}^{(00)}m_{210}^{(11)}m_{112}^{(21)} + m_{002}^{(00)}m_{210}^{(11)}m_{103}^{(11)}\\
&-m_{002}^{(00)}m_{210}^{(11)}m_{022}^{(20)} + m_{002}^{(00)}m_{210}^{(11)}m_{013}^{(10)} + m_{002}^{(00)}m_{210}^{(20)}m_{031}^{(21)} - m_{002}^{(00)}m_{210}^{(20)}m_{022}^{(11)}\\
&+3m_{002}^{(00)}m_{210}^{(21)}m_{121}^{(21)} - 3m_{002}^{(00)}m_{210}^{(21)}m_{112}^{(11)} + 2m_{002}^{(00)}m_{210}^{(21)}m_{031}^{(20)} - 2m_{002}^{(00)}m_{210}^{(21)}m_{022}^{(10)}\\
&-2m_{002}^{(00)}m_{210}^{(22)}m_{130}^{(21)} + 2m_{002}^{(00)}m_{210}^{(22)}m_{121}^{(11)} - m_{002}^{(00)}m_{210}^{(22)}m_{040}^{(20)} + m_{002}^{(00)}m_{210}^{(22)}m_{031}^{(10)}\\
&+m_{002}^{(00)}m_{201}^{(10)}m_{031}^{(21)} - m_{002}^{(00)}m_{201}^{(10)}m_{022}^{(11)} - m_{002}^{(00)}m_{201}^{(11)}m_{121}^{(21)} + m_{002}^{(00)}m_{201}^{(11)}m_{112}^{(11)}\\
&-m_{002}^{(00)}m_{201}^{(20)}m_{040}^{(21)} + m_{002}^{(00)}m_{201}^{(20)}m_{031}^{(11)} + m_{002}^{(00)}m_{201}^{(21)}m_{130}^{(21)} - m_{002}^{(00)}m_{201}^{(21)}m_{121}^{(11)}\\
&+m_{002}^{(00)}m_{120}^{(10)}m_{112}^{(21)} - m_{002}^{(00)}m_{120}^{(10)}m_{103}^{(11)} + m_{002}^{(00)}m_{120}^{(10)}m_{022}^{(20)} - m_{002}^{(00)}m_{120}^{(10)}m_{013}^{(10)}\\
&+m_{002}^{(00)}m_{120}^{(11)}m_{112}^{(20)} - m_{002}^{(00)}m_{120}^{(11)}m_{103}^{(10)} - m_{002}^{(00)}m_{120}^{(20)}m_{121}^{(21)} + m_{002}^{(00)}m_{120}^{(20)}m_{112}^{(11)}
\end{aligned}
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\begin{aligned}
&-m_{002}^{(00)}m_{120}^{(20)}m_{031}^{(20)}+m_{002}^{(00)}m_{120}^{(20)}m_{022}^{(10)}-m_{002}^{(00)}m_{120}^{(21)}m_{211}^{(21)}+m_{002}^{(00)}m_{120}^{(21)}m_{202}^{(11)}\\
&-3m_{002}^{(00)}m_{120}^{(21)}m_{121}^{(20)}+3m_{002}^{(00)}m_{120}^{(21)}m_{112}^{(10)}+m_{002}^{(00)}m_{120}^{(22)}m_{220}^{(21)}-m_{002}^{(00)}m_{120}^{(22)}m_{211}^{(11)}\\
&+2m_{002}^{(00)}m_{120}^{(22)}m_{130}^{(20)}-2m_{002}^{(00)}m_{120}^{(22)}m_{121}^{(10)}-m_{002}^{(00)}m_{111}^{(10)}m_{121}^{(21)}+m_{002}^{(00)}m_{111}^{(10)}m_{112}^{(11)}\\
&-m_{002}^{(00)}m_{111}^{(10)}m_{031}^{(20)}+m_{002}^{(00)}m_{111}^{(10)}m_{022}^{(10)}+m_{002}^{(00)}m_{111}^{(11)}m_{211}^{(21)}-m_{002}^{(00)}m_{111}^{(11)}m_{202}^{(11)}\\
&+m_{002}^{(00)}m_{111}^{(11)}m_{121}^{(20)}-m_{002}^{(00)}m_{111}^{(11)}m_{112}^{(10)}+m_{002}^{(00)}m_{111}^{(20)}m_{130}^{(21)}-m_{002}^{(00)}m_{111}^{(20)}m_{121}^{(11)}\\
&+m_{002}^{(00)}m_{111}^{(20)}m_{040}^{(20)}-m_{002}^{(00)}m_{111}^{(20)}m_{031}^{(10)}-m_{002}^{(00)}m_{111}^{(21)}m_{220}^{(21)}+m_{002}^{(00)}m_{111}^{(21)}m_{211}^{(11)}\\
&-m_{002}^{(00)}m_{111}^{(21)}m_{130}^{(20)}+m_{002}^{(00)}m_{111}^{(21)}m_{121}^{(10)}-m_{002}^{(00)}m_{030}^{(10)}m_{112}^{(20)}+m_{002}^{(00)}m_{030}^{(10)}m_{103}^{(10)}\\
&+m_{002}^{(00)}m_{030}^{(20)}m_{121}^{(20)}-m_{002}^{(00)}m_{030}^{(20)}m_{112}^{(10)}+m_{002}^{(00)}m_{030}^{(21)}m_{211}^{(20)}-m_{002}^{(00)}m_{030}^{(21)}m_{202}^{(10)}\\
&-m_{002}^{(00)}m_{030}^{(22)}m_{220}^{(20)}+m_{002}^{(00)}m_{030}^{(22)}m_{211}^{(10)}+m_{002}^{(00)}m_{021}^{(10)}m_{121}^{(20)}-m_{002}^{(00)}m_{021}^{(10)}m_{112}^{(10)}\\
&-m_{002}^{(00)}m_{021}^{(11)}m_{211}^{(20)}+m_{002}^{(00)}m_{021}^{(11)}m_{202}^{(10)}-m_{002}^{(00)}m_{021}^{(20)}m_{130}^{(20)}+m_{002}^{(00)}m_{021}^{(20)}m_{121}^{(10)}\\
&+m_{002}^{(00)}m_{021}^{(21)}m_{220}^{(20)}-m_{002}^{(00)}m_{021}^{(21)}m_{211}^{(10)}-m_{002}^{(10)}m_{300}^{(10)}m_{022}^{(21)}+m_{002}^{(10)}m_{300}^{(10)}m_{013}^{(11)}\\
&-m_{002}^{(10)}m_{300}^{(11)}m_{112}^{(21)}+m_{002}^{(10)}m_{300}^{(11)}m_{013}^{(10)}+m_{002}^{(10)}m_{300}^{(20)}m_{031}^{(21)}-m_{002}^{(10)}m_{300}^{(20)}m_{031}^{(11)}\\
&+3m_{002}^{(10)}m_{300}^{(21)}m_{121}^{(21)}-m_{002}^{(10)}m_{300}^{(21)}m_{112}^{(11)}-2m_{002}^{(10)}m_{300}^{(21)}m_{022}^{(10)}-2m_{002}^{(10)}m_{300}^{(22)}m_{130}^{(21)}\\
&+m_{002}^{(10)}m_{300}^{(22)}m_{121}^{(11)}+m_{002}^{(10)}m_{300}^{(22)}m_{031}^{(10)}+m_{002}^{(10)}m_{210}^{(00)}m_{022}^{(21)}-m_{002}^{(10)}m_{210}^{(00)}m_{013}^{(11)}\\
&+2m_{002}^{(10)}m_{210}^{(10)}m_{112}^{(21)}-m_{002}^{(10)}m_{210}^{(10)}m_{103}^{(11)}+m_{002}^{(10)}m_{210}^{(10)}m_{022}^{(20)}-2m_{002}^{(10)}m_{210}^{(10)}m_{013}^{(10)}\\
&+m_{002}^{(10)}m_{210}^{(11)}m_{202}^{(21)}+m_{002}^{(10)}m_{210}^{(11)}m_{112}^{(20)}-m_{002}^{(10)}m_{210}^{(11)}m_{103}^{(10)}-m_{002}^{(10)}m_{210}^{(11)}m_{013}^{(00)}\\
&-4m_{002}^{(10)}m_{210}^{(20)}m_{121}^{(21)}+3m_{002}^{(10)}m_{210}^{(20)}m_{112}^{(11)}-m_{002}^{(10)}m_{210}^{(20)}m_{031}^{(20)}+2m_{002}^{(10)}m_{210}^{(20)}m_{022}^{(10)}\\
&-4m_{002}^{(10)}m_{210}^{(21)}m_{211}^{(21)}+m_{002}^{(10)}m_{210}^{(21)}m_{202}^{(11)}-3m_{002}^{(10)}m_{210}^{(21)}m_{121}^{(20)}+4m_{002}^{(10)}m_{210}^{(21)}m_{112}^{(10)}\\
&+2m_{002}^{(10)}m_{210}^{(21)}m_{022}^{(00)}+4m_{002}^{(10)}m_{210}^{(22)}m_{220}^{(21)}-2m_{002}^{(10)}m_{210}^{(22)}m_{211}^{(11)}+2m_{002}^{(10)}m_{210}^{(22)}m_{130}^{(20)}\\
&-3m_{002}^{(10)}m_{210}^{(22)}m_{121}^{(10)}-m_{002}^{(10)}m_{210}^{(22)}m_{031}^{(00)}-m_{002}^{(10)}m_{201}^{(00)}m_{031}^{(21)}+m_{002}^{(10)}m_{201}^{(00)}m_{022}^{(11)}\\
&-m_{002}^{(10)}m_{201}^{(10)}m_{112}^{(11)}+m_{002}^{(10)}m_{201}^{(10)}m_{022}^{(10)}+m_{002}^{(10)}m_{201}^{(11)}m_{211}^{(21)}-m_{002}^{(10)}m_{201}^{(11)}m_{112}^{(10)}\\
&+2m_{002}^{(10)}m_{201}^{(20)}m_{130}^{(21)}-m_{002}^{(10)}m_{201}^{(20)}m_{121}^{(11)}-m_{002}^{(10)}m_{201}^{(20)}m_{031}^{(10)}-2m_{002}^{(10)}m_{201}^{(21)}m_{220}^{(21)}\\
&+m_{002}^{(10)}m_{201}^{(21)}m_{211}^{(11)}+m_{002}^{(10)}m_{201}^{(21)}m_{121}^{(10)}-m_{002}^{(10)}m_{120}^{(00)}m_{112}^{(21)}+m_{002}^{(10)}m_{120}^{(00)}m_{103}^{(11)}\\
&-m_{002}^{(10)}m_{120}^{(00)}m_{022}^{(20)}+m_{002}^{(10)}m_{120}^{(00)}m_{013}^{(10)}-m_{002}^{(10)}m_{120}^{(10)}m_{202}^{(21)}-2m_{002}^{(10)}m_{120}^{(10)}m_{112}^{(20)}\\
&+2m_{002}^{(10)}m_{120}^{(10)}m_{103}^{(10)}+m_{002}^{(10)}m_{120}^{(10)}m_{013}^{(00)}-m_{002}^{(10)}m_{120}^{(11)}m_{202}^{(20)}+m_{002}^{(10)}m_{120}^{(11)}m_{103}^{(00)}\\
&+3m_{002}^{(10)}m_{120}^{(20)}m_{211}^{(21)}-2m_{002}^{(10)}m_{120}^{(20)}m_{202}^{(11)}+4m_{002}^{(10)}m_{120}^{(20)}m_{121}^{(20)}-4m_{002}^{(10)}m_{120}^{(20)}m_{112}^{(10)}\\
&-m_{002}^{(10)}m_{120}^{(20)}m_{022}^{(00)}+m_{002}^{(10)}m_{120}^{(21)}m_{301}^{(21)}+4m_{002}^{(10)}m_{120}^{(21)}m_{211}^{(20)}-2m_{002}^{(10)}m_{120}^{(21)}m_{202}^{(10)}\\
&-3m_{002}^{(10)}m_{120}^{(21)}m_{112}^{(00)}-2m_{002}^{(10)}m_{120}^{(22)}m_{310}^{(21)}+m_{002}^{(10)}m_{120}^{(22)}m_{301}^{(11)}-4m_{002}^{(10)}m_{120}^{(22)}m_{220}^{(20)}\\
&+3m_{002}^{(10)}m_{120}^{(22)}m_{211}^{(10)}+2m_{002}^{(10)}m_{120}^{(22)}m_{121}^{(00)}+m_{002}^{(10)}m_{111}^{(00)}m_{121}^{(21)}-m_{002}^{(10)}m_{111}^{(00)}m_{112}^{(11)}\\
&+m_{002}^{(10)}m_{111}^{(00)}m_{031}^{(20)}-m_{002}^{(10)}m_{111}^{(00)}m_{022}^{(10)}+m_{002}^{(10)}m_{111}^{(10)}m_{202}^{(11)}-m_{002}^{(10)}m_{111}^{(10)}m_{022}^{(00)}\\
&-m_{002}^{(10)}m_{111}^{(11)}m_{301}^{(21)}-m_{002}^{(10)}m_{111}^{(11)}m_{211}^{(20)}+m_{002}^{(10)}m_{111}^{(11)}m_{202}^{(10)}+m_{002}^{(10)}m_{111}^{(11)}m_{112}^{(00)}\\
&-2m_{002}^{(10)}m_{111}^{(20)}m_{220}^{(21)}+m_{002}^{(10)}m_{111}^{(20)}m_{211}^{(11)}-2m_{002}^{(10)}m_{111}^{(20)}m_{130}^{(20)}+2m_{002}^{(10)}m_{111}^{(20)}m_{121}^{(10)}\\
&+m_{002}^{(10)}m_{111}^{(20)}m_{031}^{(00)}+2m_{002}^{(10)}m_{111}^{(21)}m_{310}^{(21)}-m_{002}^{(10)}m_{111}^{(21)}m_{301}^{(11)}+2m_{002}^{(10)}m_{111}^{(21)}m_{220}^{(20)}\\
&-2m_{002}^{(10)}m_{111}^{(21)}m_{211}^{(10)}-m_{002}^{(10)}m_{111}^{(21)}m_{121}^{(00)}+m_{002}^{(10)}m_{030}^{(00)}m_{112}^{(20)}-m_{002}^{(10)}m_{030}^{(00)}m_{103}^{(10)}\\
&+m_{002}^{(10)}m_{030}^{(10)}m_{202}^{(20)}-m_{002}^{(10)}m_{030}^{(10)}m_{103}^{(00)}-3m_{002}^{(10)}m_{030}^{(20)}m_{211}^{(20)}+2m_{002}^{(10)}m_{030}^{(20)}m_{202}^{(10)}\\
&+m_{002}^{(10)}m_{030}^{(20)}m_{112}^{(00)}-m_{002}^{(10)}m_{030}^{(21)}m_{301}^{(20)}+m_{002}^{(10)}m_{030}^{(21)}m_{202}^{(00)}+2m_{002}^{(10)}m_{030}^{(22)}m_{310}^{(20)}\\
&-m_{002}^{(10)}m_{030}^{(22)}m_{301}^{(10)}-m_{002}^{(10)}m_{030}^{(22)}m_{211}^{(00)}-m_{002}^{(10)}m_{021}^{(00)}m_{121}^{(20)}+m_{002}^{(10)}m_{021}^{(00)}m_{112}^{(10)}\\
&-m_{002}^{(10)}m_{021}^{(10)}m_{202}^{(10)}+m_{002}^{(10)}m_{021}^{(10)}m_{112}^{(00)}+m_{002}^{(10)}m_{021}^{(11)}m_{301}^{(20)}-m_{002}^{(10)}m_{021}^{(11)}m_{202}^{(00)}
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\begin{aligned}
&+2m_{002}^{(10)}m_{021}^{(20)}m_{220}^{(20)} - m_{002}^{(10)}m_{021}^{(20)}m_{211}^{(10)} - m_{002}^{(10)}m_{021}^{(20)}m_{121}^{(00)} - 2m_{002}^{(10)}m_{021}^{(21)}m_{310}^{(20)}\\
&+m_{002}^{(10)}m_{021}^{(21)}m_{301}^{(10)} + m_{002}^{(10)}m_{021}^{(21)}m_{211}^{(00)} + m_{002}^{(11)}m_{300}^{(10)}m_{112}^{(21)} - m_{002}^{(11)}m_{300}^{(10)}m_{013}^{(10)}\\
&-m_{002}^{(11)}m_{300}^{(20)}m_{121}^{(21)} + m_{002}^{(11)}m_{300}^{(20)}m_{022}^{(10)} - m_{002}^{(11)}m_{300}^{(21)}m_{211}^{(21)} + m_{002}^{(11)}m_{300}^{(21)}m_{112}^{(10)}\\
&+m_{002}^{(11)}m_{300}^{(22)}m_{220}^{(21)} - m_{002}^{(11)}m_{300}^{(22)}m_{121}^{(10)} - m_{002}^{(11)}m_{210}^{(00)}m_{112}^{(21)} + m_{002}^{(11)}m_{210}^{(00)}m_{013}^{(10)}\\
&-m_{002}^{(11)}m_{210}^{(10)}m_{202}^{(21)} - m_{002}^{(11)}m_{210}^{(10)}m_{112}^{(20)} + m_{002}^{(11)}m_{210}^{(10)}m_{103}^{(10)} + m_{002}^{(11)}m_{210}^{(10)}m_{013}^{(00)}\\
&+3m_{002}^{(11)}m_{210}^{(20)}m_{211}^{(21)} + m_{002}^{(11)}m_{210}^{(20)}m_{121}^{(20)} - 3m_{002}^{(11)}m_{210}^{(20)}m_{112}^{(10)} - m_{002}^{(11)}m_{210}^{(20)}m_{022}^{(00)}\\
&+m_{002}^{(11)}m_{210}^{(21)}m_{301}^{(21)} + m_{002}^{(11)}m_{210}^{(21)}m_{211}^{(20)} - m_{002}^{(11)}m_{210}^{(21)}m_{202}^{(10)} - m_{002}^{(11)}m_{210}^{(21)}m_{112}^{(00)}\\
&-2m_{002}^{(11)}m_{210}^{(22)}m_{310}^{(21)} - m_{002}^{(11)}m_{210}^{(22)}m_{220}^{(20)} + 2m_{002}^{(11)}m_{210}^{(22)}m_{211}^{(10)} + m_{002}^{(11)}m_{210}^{(22)}m_{121}^{(00)}\\
&+m_{002}^{(11)}m_{201}^{(00)}m_{121}^{(21)} - m_{002}^{(11)}m_{201}^{(00)}m_{022}^{(10)} - m_{002}^{(11)}m_{201}^{(10)}m_{211}^{(21)} + m_{002}^{(11)}m_{201}^{(10)}m_{112}^{(10)}\\
&-m_{002}^{(11)}m_{201}^{(20)}m_{220}^{(21)} + m_{002}^{(11)}m_{201}^{(20)}m_{121}^{(10)} + m_{002}^{(11)}m_{201}^{(21)}m_{310}^{(21)} - m_{002}^{(11)}m_{201}^{(21)}m_{211}^{(10)}\\
&+m_{002}^{(11)}m_{120}^{(00)}m_{202}^{(21)} + m_{002}^{(11)}m_{120}^{(00)}m_{112}^{(20)} - m_{002}^{(11)}m_{120}^{(00)}m_{103}^{(10)} - m_{002}^{(11)}m_{120}^{(00)}m_{013}^{(00)}\\
&+m_{002}^{(11)}m_{120}^{(10)}m_{202}^{(20)} - m_{002}^{(11)}m_{120}^{(10)}m_{103}^{(00)} - 2m_{002}^{(11)}m_{120}^{(20)}m_{301}^{(21)} - 3m_{002}^{(11)}m_{120}^{(20)}m_{211}^{(20)}\\
&+2m_{002}^{(11)}m_{120}^{(20)}m_{202}^{(10)} + 3m_{002}^{(11)}m_{120}^{(20)}m_{112}^{(00)} - m_{002}^{(11)}m_{120}^{(21)}m_{301}^{(20)} + m_{002}^{(11)}m_{120}^{(21)}m_{202}^{(00)}\\
&+m_{002}^{(11)}m_{120}^{(22)}m_{400}^{(21)} + 2m_{002}^{(11)}m_{120}^{(22)}m_{310}^{(20)} - m_{002}^{(11)}m_{120}^{(22)}m_{301}^{(10)} - 2m_{002}^{(11)}m_{120}^{(22)}m_{211}^{(00)}\\
&-m_{002}^{(11)}m_{111}^{(00)}m_{211}^{(21)} - m_{002}^{(11)}m_{111}^{(00)}m_{121}^{(20)} + m_{002}^{(11)}m_{111}^{(00)}m_{112}^{(10)} + m_{002}^{(11)}m_{111}^{(00)}m_{022}^{(00)}\\
&+m_{002}^{(11)}m_{111}^{(10)}m_{301}^{(21)} + m_{002}^{(11)}m_{111}^{(10)}m_{211}^{(20)} - m_{002}^{(11)}m_{111}^{(10)}m_{202}^{(10)} - m_{002}^{(11)}m_{111}^{(10)}m_{112}^{(00)}\\
&+m_{002}^{(11)}m_{111}^{(20)}m_{310}^{(21)} + m_{002}^{(11)}m_{111}^{(20)}m_{220}^{(20)} - m_{002}^{(11)}m_{111}^{(20)}m_{211}^{(10)} - m_{002}^{(11)}m_{111}^{(20)}m_{121}^{(00)}\\
&-m_{002}^{(11)}m_{111}^{(21)}m_{400}^{(21)} - m_{002}^{(11)}m_{111}^{(21)}m_{310}^{(20)} + m_{002}^{(11)}m_{111}^{(21)}m_{301}^{(10)} + m_{002}^{(11)}m_{111}^{(21)}m_{211}^{(00)}\\
&-m_{002}^{(11)}m_{030}^{(00)}m_{202}^{(20)} + m_{002}^{(11)}m_{030}^{(00)}m_{103}^{(00)} + 2m_{002}^{(11)}m_{030}^{(20)}m_{301}^{(20)} - 2m_{002}^{(11)}m_{030}^{(20)}m_{202}^{(00)}\\
&-m_{002}^{(11)}m_{030}^{(22)}m_{400}^{(20)} + m_{002}^{(11)}m_{030}^{(22)}m_{301}^{(00)} + m_{002}^{(11)}m_{021}^{(00)}m_{211}^{(20)} - m_{002}^{(11)}m_{021}^{(00)}m_{112}^{(00)}\\
&-m_{002}^{(11)}m_{021}^{(10)}m_{301}^{(20)} + m_{002}^{(11)}m_{021}^{(10)}m_{202}^{(00)} - m_{002}^{(11)}m_{021}^{(20)}m_{310}^{(20)} + m_{002}^{(11)}m_{021}^{(20)}m_{211}^{(00)}\\
&+m_{002}^{(11)}m_{021}^{(21)}m_{400}^{(20)} - m_{002}^{(11)}m_{021}^{(21)}m_{301}^{(00)} + m_{002}^{(20)}m_{300}^{(10)}m_{031}^{(21)} - m_{002}^{(20)}m_{300}^{(10)}m_{022}^{(11)}\\
&-m_{002}^{(20)}m_{300}^{(11)}m_{121}^{(21)} + 2m_{002}^{(20)}m_{300}^{(11)}m_{112}^{(11)} - m_{002}^{(20)}m_{300}^{(11)}m_{022}^{(10)} - m_{002}^{(20)}m_{300}^{(20)}m_{040}^{(21)}\\
&+m_{002}^{(20)}m_{300}^{(20)}m_{031}^{(11)} + m_{002}^{(20)}m_{300}^{(21)}m_{130}^{(21)} - 3m_{002}^{(20)}m_{300}^{(21)}m_{121}^{(11)} + 2m_{002}^{(20)}m_{300}^{(21)}m_{031}^{(10)}\\
&+m_{002}^{(20)}m_{300}^{(22)}m_{130}^{(11)} - m_{002}^{(20)}m_{300}^{(22)}m_{040}^{(10)} - m_{002}^{(20)}m_{210}^{(00)}m_{031}^{(21)} + m_{002}^{(20)}m_{210}^{(00)}m_{022}^{(11)}\\
&-m_{002}^{(20)}m_{210}^{(10)}m_{112}^{(11)} - m_{002}^{(20)}m_{210}^{(10)}m_{031}^{(20)} + 2m_{002}^{(20)}m_{210}^{(10)}m_{022}^{(10)} + m_{002}^{(20)}m_{210}^{(11)}m_{211}^{(21)}\\
&-2m_{002}^{(20)}m_{210}^{(11)}m_{202}^{(11)} + m_{002}^{(20)}m_{210}^{(11)}m_{121}^{(20)} - m_{002}^{(20)}m_{210}^{(11)}m_{112}^{(10)} + m_{002}^{(20)}m_{210}^{(11)}m_{022}^{(00)}\\
&+2m_{002}^{(20)}m_{210}^{(20)}m_{130}^{(21)} - m_{002}^{(20)}m_{210}^{(20)}m_{121}^{(11)} + m_{002}^{(20)}m_{210}^{(20)}m_{040}^{(20)} - 2m_{002}^{(20)}m_{210}^{(20)}m_{031}^{(10)}\\
&-2m_{002}^{(20)}m_{210}^{(21)}m_{220}^{(21)} + 5m_{002}^{(20)}m_{210}^{(21)}m_{211}^{(11)} - m_{002}^{(20)}m_{210}^{(21)}m_{130}^{(20)} - 2m_{002}^{(20)}m_{210}^{(21)}m_{031}^{(00)}\\
&-2m_{002}^{(20)}m_{210}^{(22)}m_{220}^{(11)} + m_{002}^{(20)}m_{210}^{(22)}m_{130}^{(10)} + m_{002}^{(20)}m_{210}^{(22)}m_{040}^{(00)} + m_{002}^{(20)}m_{201}^{(00)}m_{040}^{(21)}\\
&-m_{002}^{(20)}m_{201}^{(00)}m_{031}^{(11)} - 2m_{002}^{(20)}m_{201}^{(10)}m_{130}^{(21)} + 3m_{002}^{(20)}m_{201}^{(10)}m_{121}^{(11)} - m_{002}^{(20)}m_{201}^{(10)}m_{031}^{(10)}\\
&+m_{002}^{(20)}m_{201}^{(11)}m_{220}^{(21)} - 2m_{002}^{(20)}m_{201}^{(11)}m_{211}^{(11)} + m_{002}^{(20)}m_{201}^{(11)}m_{121}^{(10)} - m_{002}^{(20)}m_{201}^{(20)}m_{130}^{(11)}\\
&+m_{002}^{(20)}m_{201}^{(20)}m_{040}^{(10)} + m_{002}^{(20)}m_{201}^{(21)}m_{220}^{(11)} - m_{002}^{(20)}m_{201}^{(21)}m_{130}^{(10)} + m_{002}^{(20)}m_{120}^{(00)}m_{121}^{(21)}\\
&-m_{002}^{(20)}m_{120}^{(00)}m_{112}^{(11)} + m_{002}^{(20)}m_{120}^{(00)}m_{031}^{(20)} - m_{002}^{(20)}m_{120}^{(00)}m_{022}^{(10)} - m_{002}^{(20)}m_{120}^{(10)}m_{211}^{(21)}\\
&+2m_{002}^{(20)}m_{120}^{(10)}m_{202}^{(11)} - m_{002}^{(20)}m_{120}^{(10)}m_{022}^{(00)} - m_{002}^{(20)}m_{120}^{(11)}m_{211}^{(20)} + 2m_{002}^{(20)}m_{120}^{(11)}m_{202}^{(10)}\\
&-m_{002}^{(20)}m_{120}^{(11)}m_{112}^{(00)} - m_{002}^{(20)}m_{120}^{(20)}m_{220}^{(21)} - 2m_{002}^{(20)}m_{120}^{(20)}m_{130}^{(20)} + 2m_{002}^{(20)}m_{120}^{(20)}m_{121}^{(10)}\\
&+m_{002}^{(20)}m_{120}^{(20)}m_{031}^{(00)} + m_{002}^{(20)}m_{120}^{(21)}m_{310}^{(21)} - 2m_{002}^{(20)}m_{120}^{(21)}m_{301}^{(11)} + 2m_{002}^{(20)}m_{120}^{(21)}m_{220}^{(20)}\\
&-4m_{002}^{(20)}m_{120}^{(21)}m_{211}^{(10)} + 3m_{002}^{(20)}m_{120}^{(21)}m_{121}^{(00)} + m_{002}^{(20)}m_{120}^{(22)}m_{310}^{(11)} + m_{002}^{(20)}m_{120}^{(22)}m_{220}^{(10)}
\end{aligned}
$$

$$
\begin{aligned}
&-2m_{002}^{(20)}m_{120}^{(22)}m_{130}^{(00)} - m_{002}^{(20)}m_{111}^{(00)}m_{130}^{(21)} + m_{002}^{(20)}m_{111}^{(00)}m_{121}^{(11)} - m_{002}^{(20)}m_{111}^{(00)}m_{040}^{(20)}\\
&+m_{002}^{(20)}m_{111}^{(00)}m_{031}^{(10)} + 2m_{002}^{(20)}m_{111}^{(10)}m_{220}^{(21)} - 3m_{002}^{(20)}m_{111}^{(10)}m_{211}^{(11)} + 2m_{002}^{(20)}m_{111}^{(10)}m_{130}^{(20)}\\
&-2m_{002}^{(20)}m_{111}^{(10)}m_{121}^{(10)} + m_{002}^{(20)}m_{111}^{(10)}m_{031}^{(00)} - m_{002}^{(20)}m_{111}^{(11)}m_{310}^{(21)} + 2m_{002}^{(20)}m_{111}^{(11)}m_{301}^{(11)}\\
&-m_{002}^{(20)}m_{111}^{(11)}m_{220}^{(20)} + m_{002}^{(20)}m_{111}^{(11)}m_{211}^{(10)} - m_{002}^{(20)}m_{111}^{(11)}m_{121}^{(00)} + m_{002}^{(20)}m_{111}^{(20)}m_{220}^{(11)}\\
&-m_{002}^{(20)}m_{111}^{(20)}m_{040}^{(00)} - m_{002}^{(20)}m_{111}^{(21)}m_{310}^{(11)} + m_{002}^{(20)}m_{111}^{(21)}m_{130}^{(00)} - m_{002}^{(20)}m_{030}^{(00)}m_{121}^{(20)}\\
&+m_{002}^{(20)}m_{030}^{(00)}m_{112}^{(10)} + m_{002}^{(20)}m_{030}^{(10)}m_{211}^{(20)} - 2m_{002}^{(20)}m_{030}^{(10)}m_{202}^{(10)} + m_{002}^{(20)}m_{030}^{(10)}m_{112}^{(00)}\\
&+m_{002}^{(20)}m_{030}^{(20)}m_{220}^{(20)} - m_{002}^{(20)}m_{030}^{(20)}m_{121}^{(00)} - m_{002}^{(20)}m_{030}^{(21)}m_{310}^{(20)} + 2m_{002}^{(20)}m_{030}^{(21)}m_{301}^{(10)}\\
&-m_{002}^{(20)}m_{030}^{(21)}m_{211}^{(00)} - m_{002}^{(20)}m_{030}^{(22)}m_{310}^{(10)} + m_{002}^{(20)}m_{030}^{(22)}m_{220}^{(00)} + m_{002}^{(20)}m_{021}^{(00)}m_{130}^{(20)}\\
&-m_{002}^{(20)}m_{021}^{(00)}m_{121}^{(10)} - 2m_{002}^{(20)}m_{021}^{(10)}m_{220}^{(20)} + 3m_{002}^{(20)}m_{021}^{(10)}m_{211}^{(10)} - m_{002}^{(20)}m_{021}^{(10)}m_{121}^{(00)}\\
&+m_{002}^{(20)}m_{021}^{(11)}m_{310}^{(20)} - 2m_{002}^{(20)}m_{021}^{(11)}m_{301}^{(10)} + m_{002}^{(20)}m_{021}^{(11)}m_{211}^{(00)} - m_{002}^{(20)}m_{021}^{(20)}m_{220}^{(10)}\\
&+m_{002}^{(20)}m_{021}^{(20)}m_{130}^{(00)} + m_{002}^{(20)}m_{021}^{(21)}m_{310}^{(10)} - m_{002}^{(20)}m_{021}^{(21)}m_{220}^{(00)} - m_{002}^{(21)}m_{300}^{(10)}m_{121}^{(21)}\\
&-m_{002}^{(21)}m_{300}^{(10)}m_{112}^{(11)} + 2m_{002}^{(21)}m_{300}^{(10)}m_{022}^{(10)} + m_{002}^{(21)}m_{300}^{(11)}m_{211}^{(21)} - m_{002}^{(21)}m_{300}^{(11)}m_{112}^{(10)}\\
&+m_{002}^{(21)}m_{300}^{(20)}m_{130}^{(21)} + m_{002}^{(21)}m_{300}^{(20)}m_{121}^{(11)} - 2m_{002}^{(21)}m_{300}^{(20)}m_{031}^{(10)} - m_{002}^{(21)}m_{300}^{(21)}m_{220}^{(21)}\\
&+m_{002}^{(21)}m_{300}^{(21)}m_{211}^{(11)} - m_{002}^{(21)}m_{300}^{(22)}m_{220}^{(11)} + m_{002}^{(21)}m_{300}^{(22)}m_{130}^{(10)} + m_{002}^{(21)}m_{210}^{(00)}m_{121}^{(21)}\\
&+m_{002}^{(21)}m_{210}^{(00)}m_{112}^{(11)} - 2m_{002}^{(21)}m_{210}^{(00)}m_{022}^{(10)} + m_{002}^{(21)}m_{210}^{(10)}m_{202}^{(11)} + m_{002}^{(21)}m_{210}^{(10)}m_{121}^{(20)}\\
&-2m_{002}^{(21)}m_{210}^{(10)}m_{022}^{(00)} - m_{002}^{(21)}m_{210}^{(11)}m_{301}^{(21)} - m_{002}^{(21)}m_{210}^{(11)}m_{211}^{(20)} + m_{002}^{(21)}m_{210}^{(11)}m_{202}^{(10)}\\
&+m_{002}^{(21)}m_{210}^{(11)}m_{112}^{(00)} - 2m_{002}^{(21)}m_{210}^{(20)}m_{220}^{(21)} - 3m_{002}^{(21)}m_{210}^{(20)}m_{211}^{(11)} - m_{002}^{(21)}m_{210}^{(20)}m_{130}^{(20)}\\
&+4m_{002}^{(21)}m_{210}^{(20)}m_{121}^{(10)} + 2m_{002}^{(21)}m_{210}^{(20)}m_{031}^{(00)} + 2m_{002}^{(21)}m_{210}^{(21)}m_{310}^{(21)} - m_{002}^{(21)}m_{210}^{(21)}m_{301}^{(11)}\\
&+m_{002}^{(21)}m_{210}^{(21)}m_{220}^{(20)} - 2m_{002}^{(21)}m_{210}^{(21)}m_{211}^{(10)} + 2m_{002}^{(21)}m_{210}^{(22)}m_{310}^{(11)} - m_{002}^{(21)}m_{210}^{(22)}m_{220}^{(10)}\\
&-m_{002}^{(21)}m_{210}^{(22)}m_{130}^{(00)} - m_{002}^{(21)}m_{201}^{(00)}m_{130}^{(21)} - m_{002}^{(21)}m_{201}^{(00)}m_{121}^{(11)} + 2m_{002}^{(21)}m_{201}^{(00)}m_{031}^{(10)}\\
&+2m_{002}^{(21)}m_{201}^{(10)}m_{220}^{(21)} + m_{002}^{(21)}m_{201}^{(10)}m_{211}^{(11)} - 3m_{002}^{(21)}m_{201}^{(10)}m_{121}^{(10)} - m_{002}^{(21)}m_{201}^{(11)}m_{310}^{(21)}\\
&+m_{002}^{(21)}m_{201}^{(11)}m_{211}^{(10)} + m_{002}^{(21)}m_{201}^{(20)}m_{220}^{(11)} - m_{002}^{(21)}m_{201}^{(20)}m_{130}^{(10)} - m_{002}^{(21)}m_{201}^{(21)}m_{310}^{(11)}\\
&+m_{002}^{(21)}m_{201}^{(21)}m_{220}^{(10)} - m_{002}^{(21)}m_{120}^{(00)}m_{211}^{(21)} - m_{002}^{(21)}m_{120}^{(00)}m_{202}^{(11)} - m_{002}^{(21)}m_{120}^{(00)}m_{121}^{(20)}\\
&+m_{002}^{(21)}m_{120}^{(00)}m_{112}^{(10)} + 2m_{002}^{(21)}m_{120}^{(00)}m_{022}^{(00)} + m_{002}^{(21)}m_{120}^{(10)}m_{301}^{(21)} - 2m_{002}^{(21)}m_{120}^{(10)}m_{202}^{(10)}\\
&+m_{002}^{(21)}m_{120}^{(10)}m_{112}^{(00)} + m_{002}^{(21)}m_{120}^{(11)}m_{301}^{(20)} - m_{002}^{(21)}m_{120}^{(11)}m_{202}^{(00)} + m_{002}^{(21)}m_{120}^{(20)}m_{310}^{(21)}\\
&+2m_{002}^{(21)}m_{120}^{(20)}m_{301}^{(11)} + 2m_{002}^{(21)}m_{120}^{(20)}m_{220}^{(20)} - 5m_{002}^{(21)}m_{120}^{(20)}m_{121}^{(00)} - m_{002}^{(21)}m_{120}^{(21)}m_{400}^{(21)}\\
&-2m_{002}^{(21)}m_{120}^{(21)}m_{310}^{(20)} + 2m_{002}^{(21)}m_{120}^{(21)}m_{301}^{(10)} + m_{002}^{(21)}m_{120}^{(21)}m_{211}^{(00)} - m_{002}^{(21)}m_{120}^{(22)}m_{400}^{(11)}\\
&-m_{002}^{(21)}m_{120}^{(22)}m_{310}^{(10)} + 2m_{002}^{(21)}m_{120}^{(22)}m_{220}^{(00)} + m_{002}^{(21)}m_{111}^{(00)}m_{220}^{(21)} + m_{002}^{(21)}m_{111}^{(00)}m_{211}^{(11)}\\
&+m_{002}^{(21)}m_{111}^{(00)}m_{130}^{(20)} - m_{002}^{(21)}m_{111}^{(00)}m_{121}^{(10)} - 2m_{002}^{(21)}m_{111}^{(00)}m_{031}^{(00)} - 2m_{002}^{(21)}m_{111}^{(10)}m_{310}^{(21)}\\
&-m_{002}^{(21)}m_{111}^{(10)}m_{301}^{(11)} - 2m_{002}^{(21)}m_{111}^{(10)}m_{220}^{(20)} + 2m_{002}^{(21)}m_{111}^{(10)}m_{211}^{(10)} + 3m_{002}^{(21)}m_{111}^{(10)}m_{121}^{(00)}\\
&+m_{002}^{(21)}m_{111}^{(11)}m_{400}^{(21)} + m_{002}^{(21)}m_{111}^{(11)}m_{310}^{(20)} - m_{002}^{(21)}m_{111}^{(11)}m_{301}^{(10)} - m_{002}^{(21)}m_{111}^{(11)}m_{211}^{(00)}\\
&-m_{002}^{(21)}m_{111}^{(20)}m_{310}^{(11)} + m_{002}^{(21)}m_{111}^{(20)}m_{130}^{(00)} + m_{002}^{(21)}m_{111}^{(21)}m_{400}^{(11)} - m_{002}^{(21)}m_{111}^{(21)}m_{220}^{(00)}\\
&+m_{002}^{(21)}m_{030}^{(00)}m_{211}^{(20)} + m_{002}^{(21)}m_{030}^{(00)}m_{202}^{(10)} - 2m_{002}^{(21)}m_{030}^{(00)}m_{112}^{(00)} - m_{002}^{(21)}m_{030}^{(10)}m_{301}^{(20)}\\
&+m_{002}^{(21)}m_{030}^{(10)}m_{202}^{(00)} - m_{002}^{(21)}m_{030}^{(20)}m_{310}^{(20)} - 2m_{002}^{(21)}m_{030}^{(20)}m_{301}^{(10)} + 3m_{002}^{(21)}m_{030}^{(20)}m_{211}^{(00)}\\
&+m_{002}^{(21)}m_{030}^{(21)}m_{400}^{(20)} - m_{002}^{(21)}m_{030}^{(21)}m_{301}^{(00)} + m_{002}^{(21)}m_{030}^{(22)}m_{400}^{(10)} - m_{002}^{(21)}m_{030}^{(22)}m_{310}^{(00)}\\
&-m_{002}^{(21)}m_{021}^{(00)}m_{220}^{(20)} - m_{002}^{(21)}m_{021}^{(00)}m_{211}^{(10)} + 2m_{002}^{(21)}m_{021}^{(00)}m_{121}^{(00)} + 2m_{002}^{(21)}m_{021}^{(10)}m_{310}^{(20)}\\
&+m_{002}^{(21)}m_{021}^{(10)}m_{301}^{(10)} - 3m_{002}^{(21)}m_{021}^{(10)}m_{211}^{(00)} - m_{002}^{(21)}m_{021}^{(11)}m_{400}^{(20)} + m_{002}^{(21)}m_{021}^{(11)}m_{301}^{(00)}\\
&+m_{002}^{(21)}m_{021}^{(20)}m_{310}^{(10)} - m_{002}^{(21)}m_{021}^{(20)}m_{220}^{(00)} - m_{002}^{(21)}m_{021}^{(21)}m_{400}^{(10)} + m_{002}^{(21)}m_{021}^{(21)}m_{310}^{(00)}
\end{aligned}
$$

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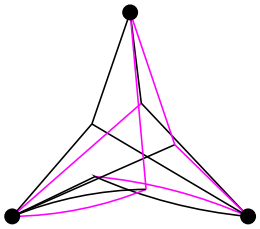
\begin{aligned}
&+m_{002}^{(22)}m_{300}^{(10)}m_{121}^{(11)} - m_{002}^{(22)}m_{300}^{(10)}m_{031}^{(10)} - m_{002}^{(22)}m_{300}^{(11)}m_{211}^{(11)} + m_{002}^{(22)}m_{300}^{(11)}m_{121}^{(10)}\\
&-m_{002}^{(22)}m_{300}^{(20)}m_{130}^{(11)} + m_{002}^{(22)}m_{300}^{(20)}m_{040}^{(10)} + m_{002}^{(22)}m_{300}^{(21)}m_{220}^{(11)} - m_{002}^{(22)}m_{300}^{(21)}m_{130}^{(10)}\\
&-m_{002}^{(22)}m_{210}^{(00)}m_{121}^{(11)} + m_{002}^{(22)}m_{210}^{(00)}m_{031}^{(10)} - m_{002}^{(22)}m_{210}^{(10)}m_{121}^{(10)} + m_{002}^{(22)}m_{210}^{(10)}m_{031}^{(00)}\\
&+m_{002}^{(22)}m_{210}^{(11)}m_{301}^{(11)} - m_{002}^{(22)}m_{210}^{(11)}m_{121}^{(00)} + 2m_{002}^{(22)}m_{210}^{(20)}m_{220}^{(11)} - m_{002}^{(22)}m_{210}^{(20)}m_{130}^{(10)}\\
&-m_{002}^{(22)}m_{210}^{(20)}m_{040}^{(00)} - 2m_{002}^{(22)}m_{210}^{(21)}m_{310}^{(11)} + m_{002}^{(22)}m_{210}^{(21)}m_{220}^{(10)} + m_{002}^{(22)}m_{210}^{(21)}m_{130}^{(00)}\\
&+m_{002}^{(22)}m_{201}^{(00)}m_{130}^{(11)} - m_{002}^{(22)}m_{201}^{(00)}m_{040}^{(10)} - 2m_{002}^{(22)}m_{201}^{(10)}m_{220}^{(11)} + 2m_{002}^{(22)}m_{201}^{(10)}m_{130}^{(10)}\\
&+m_{002}^{(22)}m_{201}^{(11)}m_{310}^{(11)} - m_{002}^{(22)}m_{201}^{(11)}m_{220}^{(10)} + m_{002}^{(22)}m_{120}^{(00)}m_{211}^{(11)} - m_{002}^{(22)}m_{120}^{(00)}m_{031}^{(00)}\\
&-m_{002}^{(22)}m_{120}^{(10)}m_{301}^{(11)} + m_{002}^{(22)}m_{120}^{(10)}m_{211}^{(10)} - m_{002}^{(22)}m_{120}^{(11)}m_{301}^{(10)} + m_{002}^{(22)}m_{120}^{(11)}m_{211}^{(00)}\\
&-m_{002}^{(22)}m_{120}^{(20)}m_{310}^{(11)} - m_{002}^{(22)}m_{120}^{(20)}m_{220}^{(10)} + 2m_{002}^{(22)}m_{120}^{(20)}m_{130}^{(00)} + m_{002}^{(22)}m_{120}^{(21)}m_{400}^{(11)}\\
&+m_{002}^{(22)}m_{120}^{(21)}m_{310}^{(10)} - 2m_{002}^{(22)}m_{120}^{(21)}m_{220}^{(00)} - m_{002}^{(22)}m_{111}^{(00)}m_{220}^{(11)} + m_{002}^{(22)}m_{111}^{(00)}m_{040}^{(00)}\\
&+2m_{002}^{(22)}m_{111}^{(10)}m_{310}^{(11)} - 2m_{002}^{(22)}m_{111}^{(10)}m_{130}^{(00)} - m_{002}^{(22)}m_{111}^{(11)}m_{400}^{(11)} + m_{002}^{(22)}m_{111}^{(11)}m_{220}^{(00)}\\
&-m_{002}^{(22)}m_{030}^{(00)}m_{211}^{(10)} + m_{002}^{(22)}m_{030}^{(00)}m_{121}^{(00)} + m_{002}^{(22)}m_{030}^{(10)}m_{301}^{(10)} - m_{002}^{(22)}m_{030}^{(10)}m_{211}^{(00)}\\
&+m_{002}^{(22)}m_{030}^{(20)}m_{310}^{(10)} - m_{002}^{(22)}m_{030}^{(20)}m_{220}^{(00)} - m_{002}^{(22)}m_{030}^{(21)}m_{400}^{(10)} + m_{002}^{(22)}m_{030}^{(21)}m_{310}^{(00)}\\
&+m_{002}^{(22)}m_{021}^{(00)}m_{220}^{(10)} - m_{002}^{(22)}m_{021}^{(00)}m_{130}^{(00)} - 2m_{002}^{(22)}m_{021}^{(10)}m_{310}^{(10)} + 2m_{002}^{(22)}m_{021}^{(10)}m_{220}^{(00)}\\
&+m_{002}^{(22)}m_{021}^{(11)}m_{400}^{(10)} - m_{002}^{(22)}m_{021}^{(11)}m_{310}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{rrrrr}
V1 & 1 & V1 & 1 & 1\\
1 & V2 & 2 & 2 & V3\\
V2 & V3 & 3 & 3 & 3
\end{array}
$$



$$
\begin{aligned}
T_{133} \;=\;& -m_{200}^{(00)}m_{030}^{(10)}m_{013}^{(22)} + m_{200}^{(00)}m_{030}^{(10)}m_{004}^{(21)} + m_{200}^{(00)}m_{030}^{(11)}m_{103}^{(22)} - m_{200}^{(00)}m_{030}^{(11)}m_{004}^{(20)}\\
&+m_{200}^{(00)}m_{030}^{(20)}m_{013}^{(21)} - m_{200}^{(00)}m_{030}^{(20)}m_{004}^{(11)} - 2m_{200}^{(00)}m_{030}^{(21)}m_{103}^{(21)} + m_{200}^{(00)}m_{030}^{(21)}m_{013}^{(20)}\\
&+m_{200}^{(00)}m_{030}^{(21)}m_{004}^{(10)} + m_{200}^{(00)}m_{030}^{(22)}m_{103}^{(11)} - m_{200}^{(00)}m_{030}^{(22)}m_{013}^{(10)} + 3m_{200}^{(00)}m_{021}^{(10)}m_{022}^{(22)}\\
&-3m_{200}^{(00)}m_{021}^{(10)}m_{013}^{(21)} - 3m_{200}^{(00)}m_{021}^{(11)}m_{112}^{(22)} + 3m_{200}^{(00)}m_{021}^{(11)}m_{013}^{(20)} - 3m_{200}^{(00)}m_{021}^{(20)}m_{022}^{(21)}\\
&+3m_{200}^{(00)}m_{021}^{(20)}m_{013}^{(11)} + 6m_{200}^{(00)}m_{021}^{(21)}m_{112}^{(21)} - 3m_{200}^{(00)}m_{021}^{(21)}m_{022}^{(20)} - 3m_{200}^{(00)}m_{021}^{(21)}m_{013}^{(10)}\\
&-3m_{200}^{(00)}m_{021}^{(22)}m_{112}^{(11)} + 3m_{200}^{(00)}m_{021}^{(22)}m_{022}^{(10)} - 3m_{200}^{(00)}m_{012}^{(10)}m_{031}^{(22)} + 3m_{200}^{(00)}m_{012}^{(10)}m_{022}^{(21)}\\
&+3m_{200}^{(00)}m_{012}^{(11)}m_{121}^{(22)} - 3m_{200}^{(00)}m_{012}^{(11)}m_{022}^{(20)} + 3m_{200}^{(00)}m_{012}^{(20)}m_{031}^{(21)} - 3m_{200}^{(00)}m_{012}^{(20)}m_{022}^{(11)}\\
&-6m_{200}^{(00)}m_{012}^{(21)}m_{121}^{(21)} + 3m_{200}^{(00)}m_{012}^{(21)}m_{031}^{(20)} + 3m_{200}^{(00)}m_{012}^{(21)}m_{022}^{(10)} + 3m_{200}^{(00)}m_{012}^{(22)}m_{121}^{(11)}
\end{aligned}
$$

$$
\begin{aligned}
&-3m_{200}^{(00)}m_{012}^{(22)}m_{031}^{(10)} + m_{200}^{(00)}m_{003}^{(10)}m_{040}^{(22)} - m_{200}^{(00)}m_{003}^{(10)}m_{031}^{(21)} - m_{200}^{(00)}m_{003}^{(11)}m_{130}^{(22)}\\
&+m_{200}^{(00)}m_{003}^{(11)}m_{031}^{(20)} - m_{200}^{(00)}m_{003}^{(20)}m_{040}^{(21)} + m_{200}^{(00)}m_{003}^{(20)}m_{031}^{(11)} + 2m_{200}^{(00)}m_{003}^{(21)}m_{130}^{(21)}\\
&-m_{200}^{(00)}m_{003}^{(21)}m_{040}^{(20)} - m_{200}^{(00)}m_{003}^{(21)}m_{031}^{(10)} - m_{200}^{(00)}m_{003}^{(22)}m_{130}^{(11)} + m_{200}^{(00)}m_{003}^{(22)}m_{040}^{(10)}\\
&+m_{200}^{(10)}m_{120}^{(10)}m_{013}^{(22)} - m_{200}^{(10)}m_{120}^{(10)}m_{004}^{(21)} - m_{200}^{(10)}m_{120}^{(11)}m_{103}^{(22)} + m_{200}^{(10)}m_{120}^{(11)}m_{004}^{(20)}\\
&-m_{200}^{(10)}m_{120}^{(20)}m_{013}^{(21)} + m_{200}^{(10)}m_{120}^{(20)}m_{004}^{(11)} + 2m_{200}^{(10)}m_{120}^{(21)}m_{103}^{(21)} - m_{200}^{(10)}m_{120}^{(21)}m_{013}^{(20)}\\
&-m_{200}^{(10)}m_{120}^{(21)}m_{004}^{(10)} - m_{200}^{(10)}m_{120}^{(22)}m_{103}^{(11)} + m_{200}^{(10)}m_{120}^{(22)}m_{013}^{(10)} - 2m_{200}^{(10)}m_{111}^{(10)}m_{022}^{(22)}\\
&+2m_{200}^{(10)}m_{111}^{(10)}m_{013}^{(21)} + 2m_{200}^{(10)}m_{111}^{(11)}m_{112}^{(22)} - 2m_{200}^{(10)}m_{111}^{(11)}m_{013}^{(20)} + 2m_{200}^{(10)}m_{111}^{(20)}m_{022}^{(21)}\\
&-2m_{200}^{(10)}m_{111}^{(20)}m_{013}^{(11)} - 4m_{200}^{(10)}m_{111}^{(21)}m_{112}^{(21)} + 2m_{200}^{(10)}m_{111}^{(21)}m_{022}^{(20)} + 2m_{200}^{(10)}m_{111}^{(21)}m_{013}^{(10)}\\
&+2m_{200}^{(10)}m_{111}^{(22)}m_{112}^{(11)} - 2m_{200}^{(10)}m_{111}^{(22)}m_{022}^{(10)} + m_{200}^{(10)}m_{102}^{(10)}m_{031}^{(22)} - m_{200}^{(10)}m_{102}^{(10)}m_{022}^{(21)}\\
&-m_{200}^{(10)}m_{102}^{(11)}m_{121}^{(22)} + m_{200}^{(10)}m_{102}^{(11)}m_{022}^{(20)} - m_{200}^{(10)}m_{102}^{(20)}m_{031}^{(21)} + m_{200}^{(10)}m_{102}^{(20)}m_{022}^{(11)}\\
&+2m_{200}^{(10)}m_{102}^{(21)}m_{121}^{(21)} - m_{200}^{(10)}m_{102}^{(21)}m_{031}^{(20)} - m_{200}^{(10)}m_{102}^{(21)}m_{022}^{(10)} - m_{200}^{(10)}m_{102}^{(22)}m_{121}^{(11)}\\
&+m_{200}^{(10)}m_{102}^{(22)}m_{031}^{(10)} + m_{200}^{(10)}m_{030}^{(00)}m_{013}^{(22)} - m_{200}^{(10)}m_{030}^{(00)}m_{004}^{(21)} - m_{200}^{(10)}m_{030}^{(10)}m_{103}^{(22)}\\
&+m_{200}^{(10)}m_{030}^{(10)}m_{004}^{(20)} + m_{200}^{(10)}m_{030}^{(20)}m_{103}^{(21)} - 2m_{200}^{(10)}m_{030}^{(20)}m_{013}^{(20)} + m_{200}^{(10)}m_{030}^{(20)}m_{004}^{(10)}\\
&+m_{200}^{(10)}m_{030}^{(21)}m_{103}^{(20)} - m_{200}^{(10)}m_{030}^{(21)}m_{004}^{(00)} - m_{200}^{(10)}m_{030}^{(22)}m_{103}^{(10)} + m_{200}^{(10)}m_{030}^{(22)}m_{013}^{(00)}\\
&-3m_{200}^{(10)}m_{021}^{(00)}m_{022}^{(22)} + 3m_{200}^{(10)}m_{021}^{(00)}m_{013}^{(21)} + 2m_{200}^{(10)}m_{021}^{(10)}m_{112}^{(22)} + m_{200}^{(10)}m_{021}^{(10)}m_{103}^{(21)}\\
&-3m_{200}^{(10)}m_{021}^{(10)}m_{013}^{(20)} + m_{200}^{(10)}m_{021}^{(11)}m_{202}^{(22)} - m_{200}^{(10)}m_{021}^{(11)}m_{103}^{(20)} - 2m_{200}^{(10)}m_{021}^{(20)}m_{112}^{(21)}\\
&-m_{200}^{(10)}m_{021}^{(20)}m_{103}^{(11)} + 6m_{200}^{(10)}m_{021}^{(20)}m_{022}^{(20)} - 3m_{200}^{(10)}m_{021}^{(20)}m_{013}^{(10)} - 2m_{200}^{(10)}m_{021}^{(21)}m_{202}^{(21)}\\
&-2m_{200}^{(10)}m_{021}^{(21)}m_{112}^{(20)} + m_{200}^{(10)}m_{021}^{(21)}m_{103}^{(10)} + 3m_{200}^{(10)}m_{021}^{(21)}m_{013}^{(00)} + m_{200}^{(10)}m_{021}^{(22)}m_{202}^{(11)}\\
&+2m_{200}^{(10)}m_{021}^{(22)}m_{112}^{(10)} - 3m_{200}^{(10)}m_{021}^{(22)}m_{022}^{(00)} + 3m_{200}^{(10)}m_{012}^{(00)}m_{031}^{(22)} - 3m_{200}^{(10)}m_{012}^{(00)}m_{022}^{(21)}\\
&-m_{200}^{(10)}m_{012}^{(10)}m_{121}^{(22)} - 2m_{200}^{(10)}m_{012}^{(10)}m_{112}^{(21)} + 3m_{200}^{(10)}m_{012}^{(10)}m_{022}^{(20)} - 2m_{200}^{(10)}m_{012}^{(11)}m_{211}^{(22)}\\
&+2m_{200}^{(10)}m_{012}^{(11)}m_{112}^{(20)} + m_{200}^{(10)}m_{012}^{(20)}m_{121}^{(21)} + 2m_{200}^{(10)}m_{012}^{(20)}m_{112}^{(11)} - 6m_{200}^{(10)}m_{012}^{(20)}m_{031}^{(20)}\\
&+3m_{200}^{(10)}m_{012}^{(20)}m_{022}^{(10)} + 4m_{200}^{(10)}m_{012}^{(21)}m_{211}^{(21)} + m_{200}^{(10)}m_{012}^{(21)}m_{121}^{(20)} - 2m_{200}^{(10)}m_{012}^{(21)}m_{112}^{(10)}\\
&-3m_{200}^{(10)}m_{012}^{(21)}m_{022}^{(00)} - 2m_{200}^{(10)}m_{012}^{(22)}m_{211}^{(11)} - m_{200}^{(10)}m_{012}^{(22)}m_{121}^{(10)} + 3m_{200}^{(10)}m_{012}^{(22)}m_{031}^{(00)}\\
&-m_{200}^{(10)}m_{003}^{(00)}m_{040}^{(22)} + m_{200}^{(10)}m_{003}^{(00)}m_{031}^{(21)} + m_{200}^{(10)}m_{003}^{(10)}m_{121}^{(21)} - m_{200}^{(10)}m_{003}^{(10)}m_{031}^{(20)}\\
&+m_{200}^{(10)}m_{003}^{(11)}m_{220}^{(22)} - m_{200}^{(10)}m_{003}^{(11)}m_{121}^{(20)} - m_{200}^{(10)}m_{003}^{(20)}m_{121}^{(11)} + 2m_{200}^{(10)}m_{003}^{(20)}m_{040}^{(20)}\\
&-m_{200}^{(10)}m_{003}^{(20)}m_{031}^{(10)} - 2m_{200}^{(10)}m_{003}^{(21)}m_{220}^{(21)} + m_{200}^{(10)}m_{003}^{(21)}m_{121}^{(10)} + m_{200}^{(10)}m_{003}^{(21)}m_{031}^{(00)}\\
&+m_{200}^{(10)}m_{003}^{(22)}m_{220}^{(11)} - m_{200}^{(10)}m_{003}^{(22)}m_{040}^{(00)} - m_{200}^{(11)}m_{120}^{(00)}m_{013}^{(22)} + m_{200}^{(11)}m_{120}^{(00)}m_{004}^{(21)}\\
&+m_{200}^{(11)}m_{120}^{(10)}m_{103}^{(22)} - m_{200}^{(11)}m_{120}^{(10)}m_{004}^{(20)} - m_{200}^{(11)}m_{120}^{(20)}m_{103}^{(21)} + 2m_{200}^{(11)}m_{120}^{(20)}m_{013}^{(20)}\\
&-m_{200}^{(11)}m_{120}^{(20)}m_{004}^{(10)} - m_{200}^{(11)}m_{120}^{(21)}m_{103}^{(20)} + m_{200}^{(11)}m_{120}^{(21)}m_{004}^{(00)} + m_{200}^{(11)}m_{120}^{(22)}m_{103}^{(10)}\\
&-m_{200}^{(11)}m_{120}^{(22)}m_{013}^{(00)} + 2m_{200}^{(11)}m_{111}^{(00)}m_{022}^{(22)} - 2m_{200}^{(11)}m_{111}^{(00)}m_{013}^{(21)} - 2m_{200}^{(11)}m_{111}^{(10)}m_{112}^{(22)}\\
&+2m_{200}^{(11)}m_{111}^{(10)}m_{013}^{(20)} + 2m_{200}^{(11)}m_{111}^{(20)}m_{112}^{(21)} - 4m_{200}^{(11)}m_{111}^{(20)}m_{022}^{(20)} + 2m_{200}^{(11)}m_{111}^{(20)}m_{013}^{(10)}\\
&+2m_{200}^{(11)}m_{111}^{(21)}m_{112}^{(20)} - 2m_{200}^{(11)}m_{111}^{(21)}m_{013}^{(00)} - 2m_{200}^{(11)}m_{111}^{(22)}m_{112}^{(10)} + 2m_{200}^{(11)}m_{111}^{(22)}m_{022}^{(00)}\\
&-m_{200}^{(11)}m_{102}^{(00)}m_{031}^{(22)} + m_{200}^{(11)}m_{102}^{(00)}m_{022}^{(21)} + m_{200}^{(11)}m_{102}^{(10)}m_{121}^{(22)} - m_{200}^{(11)}m_{102}^{(10)}m_{022}^{(20)}\\
&-m_{200}^{(11)}m_{102}^{(20)}m_{121}^{(21)} + 2m_{200}^{(11)}m_{102}^{(20)}m_{031}^{(20)} - m_{200}^{(11)}m_{102}^{(20)}m_{022}^{(10)} - m_{200}^{(11)}m_{102}^{(21)}m_{121}^{(20)}\\
&+m_{200}^{(11)}m_{102}^{(21)}m_{022}^{(00)} + m_{200}^{(11)}m_{102}^{(22)}m_{121}^{(10)} - m_{200}^{(11)}m_{102}^{(22)}m_{031}^{(00)} + m_{200}^{(11)}m_{021}^{(00)}m_{112}^{(22)}\\
&-m_{200}^{(11)}m_{021}^{(00)}m_{103}^{(21)} - m_{200}^{(11)}m_{021}^{(10)}m_{202}^{(22)} + m_{200}^{(11)}m_{021}^{(10)}m_{103}^{(20)} + m_{200}^{(11)}m_{021}^{(20)}m_{202}^{(21)}\\
&-2m_{200}^{(11)}m_{021}^{(20)}m_{112}^{(20)} + m_{200}^{(11)}m_{021}^{(20)}m_{103}^{(10)} + m_{200}^{(11)}m_{021}^{(21)}m_{202}^{(20)} - m_{200}^{(11)}m_{021}^{(21)}m_{103}^{(00)}\\
&-m_{200}^{(11)}m_{021}^{(22)}m_{202}^{(10)} + m_{200}^{(11)}m_{021}^{(22)}m_{112}^{(00)} - 2m_{200}^{(11)}m_{012}^{(00)}m_{121}^{(22)} + 2m_{200}^{(11)}m_{012}^{(00)}m_{112}^{(21)}
\end{aligned}
$$

$$+2m_{200}^{(11)}m_{012}^{(10)}m_{211}^{(22)} - 2m_{200}^{(11)}m_{012}^{(10)}m_{112}^{(20)} - 2m_{200}^{(11)}m_{012}^{(20)}m_{211}^{(21)} + 4m_{200}^{(11)}m_{012}^{(20)}m_{121}^{(20)}$$
$$-2m_{200}^{(11)}m_{012}^{(20)}m_{112}^{(10)} - 2m_{200}^{(11)}m_{012}^{(21)}m_{211}^{(20)} + 2m_{200}^{(11)}m_{012}^{(21)}m_{112}^{(00)} + 2m_{200}^{(11)}m_{012}^{(22)}m_{211}^{(10)}$$
$$-2m_{200}^{(11)}m_{012}^{(22)}m_{121}^{(00)} + m_{200}^{(11)}m_{003}^{(00)}m_{130}^{(22)} - m_{200}^{(11)}m_{003}^{(00)}m_{121}^{(21)} - m_{200}^{(11)}m_{003}^{(10)}m_{220}^{(22)}$$
$$+m_{200}^{(11)}m_{003}^{(10)}m_{121}^{(20)} + m_{200}^{(11)}m_{003}^{(20)}m_{220}^{(21)} - 2m_{200}^{(11)}m_{003}^{(20)}m_{130}^{(20)} + m_{200}^{(11)}m_{003}^{(20)}m_{121}^{(10)}$$
$$+m_{200}^{(11)}m_{003}^{(21)}m_{220}^{(20)} - m_{200}^{(11)}m_{003}^{(21)}m_{121}^{(00)} - m_{200}^{(11)}m_{003}^{(22)}m_{220}^{(10)} + m_{200}^{(11)}m_{003}^{(22)}m_{130}^{(00)}$$
$$-m_{200}^{(20)}m_{120}^{(10)}m_{022}^{(22)} + m_{200}^{(20)}m_{120}^{(10)}m_{013}^{(21)} + m_{200}^{(20)}m_{120}^{(11)}m_{112}^{(22)} - m_{200}^{(20)}m_{120}^{(11)}m_{013}^{(20)}$$
$$+m_{200}^{(20)}m_{120}^{(20)}m_{022}^{(21)} - m_{200}^{(20)}m_{120}^{(20)}m_{013}^{(11)} - 2m_{200}^{(20)}m_{120}^{(21)}m_{112}^{(21)} + m_{200}^{(20)}m_{120}^{(21)}m_{022}^{(20)}$$
$$+m_{200}^{(20)}m_{120}^{(21)}m_{013}^{(10)} + m_{200}^{(20)}m_{120}^{(22)}m_{112}^{(11)} - m_{200}^{(20)}m_{120}^{(22)}m_{022}^{(10)} + 2m_{200}^{(20)}m_{111}^{(10)}m_{031}^{(22)}$$
$$-2m_{200}^{(20)}m_{111}^{(10)}m_{022}^{(21)} - 2m_{200}^{(20)}m_{111}^{(11)}m_{121}^{(22)} + 2m_{200}^{(20)}m_{111}^{(11)}m_{022}^{(20)} - 2m_{200}^{(20)}m_{111}^{(20)}m_{031}^{(21)}$$
$$+2m_{200}^{(20)}m_{111}^{(20)}m_{022}^{(11)} + 4m_{200}^{(20)}m_{111}^{(21)}m_{121}^{(21)} - 2m_{200}^{(20)}m_{111}^{(21)}m_{031}^{(20)} - 2m_{200}^{(20)}m_{111}^{(21)}m_{022}^{(10)}$$
$$-2m_{200}^{(20)}m_{111}^{(22)}m_{121}^{(11)} + 2m_{200}^{(20)}m_{111}^{(22)}m_{031}^{(10)} - m_{200}^{(20)}m_{102}^{(10)}m_{040}^{(22)} + m_{200}^{(20)}m_{102}^{(10)}m_{031}^{(21)}$$
$$+m_{200}^{(20)}m_{102}^{(11)}m_{130}^{(22)} - m_{200}^{(20)}m_{102}^{(11)}m_{031}^{(20)} + m_{200}^{(20)}m_{102}^{(20)}m_{040}^{(21)} - m_{200}^{(20)}m_{102}^{(20)}m_{031}^{(11)}$$
$$-2m_{200}^{(20)}m_{102}^{(21)}m_{130}^{(20)} + m_{200}^{(20)}m_{102}^{(21)}m_{040}^{(20)} + m_{200}^{(20)}m_{102}^{(21)}m_{031}^{(10)} + m_{200}^{(20)}m_{102}^{(22)}m_{130}^{(11)}$$
$$-m_{200}^{(20)}m_{102}^{(22)}m_{040}^{(10)} - m_{200}^{(20)}m_{030}^{(00)}m_{013}^{(21)} + m_{200}^{(20)}m_{030}^{(00)}m_{004}^{(11)} + m_{200}^{(20)}m_{030}^{(10)}m_{112}^{(22)}$$
$$+m_{200}^{(20)}m_{030}^{(10)}m_{013}^{(20)} - 2m_{200}^{(20)}m_{030}^{(10)}m_{004}^{(10)} - m_{200}^{(20)}m_{030}^{(11)}m_{202}^{(22)} + m_{200}^{(20)}m_{030}^{(11)}m_{004}^{(00)}$$
$$-m_{200}^{(20)}m_{030}^{(20)}m_{112}^{(21)} + m_{200}^{(20)}m_{030}^{(20)}m_{013}^{(10)} + 2m_{200}^{(20)}m_{030}^{(21)}m_{202}^{(21)} - m_{200}^{(20)}m_{030}^{(21)}m_{112}^{(20)}$$
$$-m_{200}^{(20)}m_{030}^{(21)}m_{013}^{(00)} - m_{200}^{(20)}m_{030}^{(22)}m_{202}^{(11)} + m_{200}^{(20)}m_{030}^{(22)}m_{112}^{(10)} + 3m_{200}^{(20)}m_{021}^{(00)}m_{022}^{(21)}$$
$$-3m_{200}^{(20)}m_{021}^{(00)}m_{013}^{(11)} - 2m_{200}^{(20)}m_{021}^{(10)}m_{121}^{(22)} - m_{200}^{(20)}m_{021}^{(10)}m_{112}^{(21)} - 3m_{200}^{(20)}m_{021}^{(10)}m_{022}^{(20)}$$
$$+6m_{200}^{(20)}m_{021}^{(10)}m_{013}^{(10)} + 2m_{200}^{(20)}m_{021}^{(11)}m_{211}^{(22)} + m_{200}^{(20)}m_{021}^{(11)}m_{112}^{(20)} - 3m_{200}^{(20)}m_{021}^{(11)}m_{013}^{(00)}$$
$$+2m_{200}^{(20)}m_{021}^{(20)}m_{121}^{(21)} + m_{200}^{(20)}m_{021}^{(20)}m_{112}^{(11)} - 3m_{200}^{(20)}m_{021}^{(20)}m_{022}^{(10)} - 4m_{200}^{(20)}m_{021}^{(21)}m_{211}^{(21)}$$
$$+2m_{200}^{(20)}m_{021}^{(21)}m_{121}^{(20)} - m_{200}^{(20)}m_{021}^{(21)}m_{112}^{(10)} + 3m_{200}^{(20)}m_{021}^{(21)}m_{022}^{(00)} + 2m_{200}^{(20)}m_{021}^{(22)}m_{211}^{(11)}$$
$$-2m_{200}^{(20)}m_{021}^{(22)}m_{121}^{(10)} - 3m_{200}^{(20)}m_{012}^{(00)}m_{031}^{(21)} + 3m_{200}^{(20)}m_{012}^{(00)}m_{022}^{(11)} + m_{200}^{(20)}m_{012}^{(10)}m_{130}^{(22)}$$
$$+2m_{200}^{(20)}m_{012}^{(10)}m_{121}^{(21)} + 3m_{200}^{(20)}m_{012}^{(10)}m_{031}^{(20)} - 6m_{200}^{(20)}m_{012}^{(10)}m_{022}^{(10)} - m_{200}^{(20)}m_{012}^{(11)}m_{220}^{(22)}$$
$$-2m_{200}^{(20)}m_{012}^{(11)}m_{121}^{(20)} + 3m_{200}^{(20)}m_{012}^{(11)}m_{022}^{(00)} - m_{200}^{(20)}m_{012}^{(20)}m_{130}^{(21)} - 2m_{200}^{(20)}m_{012}^{(20)}m_{121}^{(11)}$$
$$+3m_{200}^{(20)}m_{012}^{(20)}m_{031}^{(10)} + 2m_{200}^{(20)}m_{012}^{(21)}m_{220}^{(21)} - m_{200}^{(20)}m_{012}^{(21)}m_{130}^{(20)} + 2m_{200}^{(20)}m_{012}^{(21)}m_{121}^{(10)}$$
$$-3m_{200}^{(20)}m_{012}^{(21)}m_{031}^{(00)} - m_{200}^{(20)}m_{012}^{(22)}m_{220}^{(11)} + m_{200}^{(20)}m_{012}^{(22)}m_{130}^{(10)} + m_{200}^{(20)}m_{003}^{(00)}m_{040}^{(21)}$$
$$-m_{200}^{(20)}m_{003}^{(00)}m_{031}^{(11)} - m_{200}^{(20)}m_{003}^{(10)}m_{130}^{(21)} - m_{200}^{(20)}m_{003}^{(10)}m_{040}^{(20)} + 2m_{200}^{(20)}m_{003}^{(10)}m_{031}^{(10)}$$
$$+m_{200}^{(20)}m_{003}^{(11)}m_{130}^{(20)} - m_{200}^{(20)}m_{003}^{(11)}m_{031}^{(00)} + m_{200}^{(20)}m_{003}^{(20)}m_{130}^{(11)} - m_{200}^{(20)}m_{003}^{(20)}m_{040}^{(10)}$$
$$-m_{200}^{(20)}m_{003}^{(21)}m_{130}^{(10)} + m_{200}^{(20)}m_{003}^{(21)}m_{040}^{(00)} + m_{200}^{(21)}m_{120}^{(00)}m_{022}^{(22)} - m_{200}^{(21)}m_{120}^{(00)}m_{004}^{(11)}$$
$$-m_{200}^{(21)}m_{120}^{(10)}m_{112}^{(22)} - m_{200}^{(21)}m_{120}^{(10)}m_{103}^{(21)} + 2m_{200}^{(21)}m_{120}^{(10)}m_{004}^{(10)} + m_{200}^{(21)}m_{120}^{(11)}m_{103}^{(20)}$$
$$-m_{200}^{(21)}m_{120}^{(11)}m_{004}^{(00)} + m_{200}^{(21)}m_{120}^{(20)}m_{112}^{(21)} + m_{200}^{(21)}m_{120}^{(20)}m_{103}^{(11)} - 2m_{200}^{(21)}m_{120}^{(20)}m_{022}^{(20)}$$
$$+m_{200}^{(21)}m_{120}^{(21)}m_{112}^{(20)} - m_{200}^{(21)}m_{120}^{(21)}m_{103}^{(10)} - m_{200}^{(21)}m_{120}^{(22)}m_{112}^{(10)} + m_{200}^{(21)}m_{120}^{(22)}m_{022}^{(00)}$$
$$-2m_{200}^{(21)}m_{111}^{(00)}m_{031}^{(22)} + 2m_{200}^{(21)}m_{111}^{(00)}m_{013}^{(11)} + 2m_{200}^{(21)}m_{111}^{(10)}m_{121}^{(22)} + 2m_{200}^{(21)}m_{111}^{(10)}m_{112}^{(21)}$$
$$-4m_{200}^{(21)}m_{111}^{(10)}m_{013}^{(10)} - 2m_{200}^{(21)}m_{111}^{(11)}m_{112}^{(20)} + 2m_{200}^{(21)}m_{111}^{(11)}m_{013}^{(00)} - 2m_{200}^{(21)}m_{111}^{(20)}m_{121}^{(21)}$$
$$-2m_{200}^{(21)}m_{111}^{(20)}m_{112}^{(11)} + 4m_{200}^{(21)}m_{111}^{(20)}m_{031}^{(20)} - 2m_{200}^{(21)}m_{111}^{(21)}m_{121}^{(20)} + 2m_{200}^{(21)}m_{111}^{(21)}m_{112}^{(10)}$$
$$+2m_{200}^{(21)}m_{111}^{(22)}m_{121}^{(10)} - 2m_{200}^{(21)}m_{111}^{(22)}m_{031}^{(00)} + m_{200}^{(21)}m_{102}^{(00)}m_{040}^{(22)} - m_{200}^{(21)}m_{102}^{(00)}m_{022}^{(11)}$$
$$-m_{200}^{(21)}m_{102}^{(10)}m_{130}^{(22)} - m_{200}^{(21)}m_{102}^{(10)}m_{121}^{(21)} + 2m_{200}^{(21)}m_{102}^{(10)}m_{022}^{(10)} + m_{200}^{(21)}m_{102}^{(11)}m_{121}^{(20)}$$
$$-m_{200}^{(21)}m_{102}^{(11)}m_{022}^{(00)} + m_{200}^{(21)}m_{102}^{(20)}m_{130}^{(21)} + m_{200}^{(21)}m_{102}^{(20)}m_{121}^{(11)} - 2m_{200}^{(21)}m_{102}^{(20)}m_{040}^{(20)}$$

$$
\begin{aligned}
&+m_{200}^{(21)}m_{102}^{(21)}m_{130}^{(20)} - m_{200}^{(21)}m_{102}^{(21)}m_{121}^{(10)} - m_{200}^{(21)}m_{102}^{(22)}m_{130}^{(10)} + m_{200}^{(21)}m_{102}^{(22)}m_{040}^{(00)}\\
&-m_{200}^{(21)}m_{030}^{(00)}m_{112}^{(22)} + m_{200}^{(21)}m_{030}^{(00)}m_{103}^{(21)} + m_{200}^{(21)}m_{030}^{(10)}m_{202}^{(22)} - m_{200}^{(21)}m_{030}^{(10)}m_{103}^{(20)}\\
&-m_{200}^{(21)}m_{030}^{(20)}m_{202}^{(21)} + 2m_{200}^{(21)}m_{030}^{(20)}m_{112}^{(20)} - m_{200}^{(21)}m_{030}^{(20)}m_{103}^{(10)} - m_{200}^{(21)}m_{030}^{(21)}m_{202}^{(20)}\\
&+m_{200}^{(21)}m_{030}^{(21)}m_{103}^{(00)} + m_{200}^{(21)}m_{030}^{(22)}m_{202}^{(10)} - m_{200}^{(21)}m_{030}^{(22)}m_{112}^{(00)} + 2m_{200}^{(21)}m_{021}^{(00)}m_{121}^{(22)}\\
&-3m_{200}^{(21)}m_{021}^{(00)}m_{112}^{(21)} + m_{200}^{(21)}m_{021}^{(00)}m_{103}^{(11)} - 2m_{200}^{(21)}m_{021}^{(10)}m_{211}^{(22)} + m_{200}^{(21)}m_{021}^{(10)}m_{202}^{(21)}\\
&+3m_{200}^{(21)}m_{021}^{(10)}m_{112}^{(20)} - 2m_{200}^{(21)}m_{021}^{(10)}m_{103}^{(10)} - m_{200}^{(21)}m_{021}^{(11)}m_{202}^{(20)} + m_{200}^{(21)}m_{021}^{(11)}m_{103}^{(00)}\\
&+2m_{200}^{(21)}m_{021}^{(20)}m_{211}^{(21)} - m_{200}^{(21)}m_{021}^{(20)}m_{202}^{(11)} - 4m_{200}^{(21)}m_{021}^{(20)}m_{121}^{(20)} + 3m_{200}^{(21)}m_{021}^{(20)}m_{112}^{(10)}\\
&+2m_{200}^{(21)}m_{021}^{(21)}m_{211}^{(20)} + m_{200}^{(21)}m_{021}^{(21)}m_{202}^{(10)} - 3m_{200}^{(21)}m_{021}^{(21)}m_{112}^{(00)} - 2m_{200}^{(21)}m_{021}^{(22)}m_{211}^{(10)}\\
&+2m_{200}^{(21)}m_{021}^{(22)}m_{121}^{(00)} - m_{200}^{(21)}m_{012}^{(00)}m_{130}^{(22)} + 3m_{200}^{(21)}m_{012}^{(00)}m_{121}^{(21)} - 2m_{200}^{(21)}m_{012}^{(00)}m_{112}^{(11)}\\
&+m_{200}^{(21)}m_{012}^{(10)}m_{220}^{(22)} - 2m_{200}^{(21)}m_{012}^{(10)}m_{211}^{(21)} - 3m_{200}^{(21)}m_{012}^{(10)}m_{121}^{(20)} + 4m_{200}^{(21)}m_{012}^{(10)}m_{112}^{(10)}\\
&+2m_{200}^{(21)}m_{012}^{(11)}m_{211}^{(20)} - 2m_{200}^{(21)}m_{012}^{(11)}m_{112}^{(00)} - m_{200}^{(21)}m_{012}^{(20)}m_{220}^{(21)} + 2m_{200}^{(21)}m_{012}^{(20)}m_{211}^{(11)}\\
&+2m_{200}^{(21)}m_{012}^{(20)}m_{130}^{(20)} - 3m_{200}^{(21)}m_{012}^{(20)}m_{121}^{(10)} - m_{200}^{(21)}m_{012}^{(21)}m_{220}^{(20)} - 2m_{200}^{(21)}m_{012}^{(21)}m_{211}^{(10)}\\
&+3m_{200}^{(21)}m_{012}^{(21)}m_{121}^{(00)} + m_{200}^{(21)}m_{012}^{(22)}m_{220}^{(10)} - m_{200}^{(21)}m_{012}^{(22)}m_{130}^{(00)} - m_{200}^{(21)}m_{003}^{(00)}m_{130}^{(21)}\\
&+m_{200}^{(21)}m_{003}^{(00)}m_{121}^{(11)} + m_{200}^{(21)}m_{003}^{(10)}m_{220}^{(21)} + m_{200}^{(21)}m_{003}^{(10)}m_{130}^{(20)} - 2m_{200}^{(21)}m_{003}^{(10)}m_{121}^{(10)}\\
&-m_{200}^{(21)}m_{003}^{(11)}m_{220}^{(20)} + m_{200}^{(21)}m_{003}^{(11)}m_{121}^{(00)} - m_{200}^{(21)}m_{003}^{(20)}m_{220}^{(11)} + m_{200}^{(21)}m_{003}^{(20)}m_{130}^{(10)}\\
&+m_{200}^{(21)}m_{003}^{(21)}m_{220}^{(10)} - m_{200}^{(21)}m_{003}^{(21)}m_{130}^{(00)} - m_{200}^{(22)}m_{120}^{(00)}m_{022}^{(21)} + m_{200}^{(22)}m_{120}^{(00)}m_{013}^{(11)}\\
&+m_{200}^{(22)}m_{120}^{(10)}m_{112}^{(21)} + m_{200}^{(22)}m_{120}^{(10)}m_{022}^{(20)} - 2m_{200}^{(22)}m_{120}^{(10)}m_{013}^{(10)} - m_{200}^{(22)}m_{120}^{(11)}m_{112}^{(20)}\\
&+m_{200}^{(22)}m_{120}^{(11)}m_{013}^{(00)} - m_{200}^{(22)}m_{120}^{(20)}m_{112}^{(11)} + m_{200}^{(22)}m_{120}^{(20)}m_{022}^{(10)} + m_{200}^{(22)}m_{120}^{(21)}m_{112}^{(10)}\\
&-m_{200}^{(22)}m_{120}^{(21)}m_{022}^{(00)} + 2m_{200}^{(22)}m_{111}^{(00)}m_{031}^{(21)} - 2m_{200}^{(22)}m_{111}^{(00)}m_{022}^{(11)} - 2m_{200}^{(22)}m_{111}^{(10)}m_{121}^{(21)}\\
&-2m_{200}^{(22)}m_{111}^{(10)}m_{031}^{(20)} + 4m_{200}^{(22)}m_{111}^{(10)}m_{022}^{(10)} + 2m_{200}^{(22)}m_{111}^{(11)}m_{121}^{(20)} - 2m_{200}^{(22)}m_{111}^{(11)}m_{022}^{(00)}\\
&+2m_{200}^{(22)}m_{111}^{(20)}m_{121}^{(11)} - 2m_{200}^{(22)}m_{111}^{(20)}m_{031}^{(10)} - 2m_{200}^{(22)}m_{111}^{(21)}m_{121}^{(10)} + 2m_{200}^{(22)}m_{111}^{(21)}m_{031}^{(00)}\\
&-m_{200}^{(22)}m_{102}^{(00)}m_{040}^{(21)} + m_{200}^{(22)}m_{102}^{(00)}m_{031}^{(11)} + m_{200}^{(22)}m_{102}^{(10)}m_{130}^{(21)} + m_{200}^{(22)}m_{102}^{(10)}m_{040}^{(20)}\\
&-2m_{200}^{(22)}m_{102}^{(10)}m_{031}^{(10)} - m_{200}^{(22)}m_{102}^{(11)}m_{130}^{(20)} + m_{200}^{(22)}m_{102}^{(11)}m_{031}^{(00)} - m_{200}^{(22)}m_{102}^{(20)}m_{130}^{(11)}\\
&+m_{200}^{(22)}m_{102}^{(20)}m_{040}^{(10)} + m_{200}^{(22)}m_{102}^{(21)}m_{130}^{(10)} - m_{200}^{(22)}m_{102}^{(21)}m_{040}^{(00)} + m_{200}^{(22)}m_{030}^{(00)}m_{112}^{(21)}\\
&-m_{200}^{(22)}m_{030}^{(00)}m_{103}^{(11)} - m_{200}^{(22)}m_{030}^{(10)}m_{202}^{(21)} - m_{200}^{(22)}m_{030}^{(10)}m_{112}^{(20)} + 2m_{200}^{(22)}m_{030}^{(10)}m_{103}^{(10)}\\
&+m_{200}^{(22)}m_{030}^{(11)}m_{202}^{(20)} - m_{200}^{(22)}m_{030}^{(11)}m_{103}^{(00)} + m_{200}^{(22)}m_{030}^{(20)}m_{202}^{(11)} - m_{200}^{(22)}m_{030}^{(20)}m_{112}^{(10)}\\
&-m_{200}^{(22)}m_{030}^{(21)}m_{202}^{(10)} + m_{200}^{(22)}m_{030}^{(21)}m_{112}^{(00)} - 2m_{200}^{(22)}m_{021}^{(00)}m_{121}^{(21)} + 2m_{200}^{(22)}m_{021}^{(00)}m_{112}^{(11)}\\
&+2m_{200}^{(22)}m_{021}^{(10)}m_{211}^{(21)} + 2m_{200}^{(22)}m_{021}^{(10)}m_{121}^{(20)} - 4m_{200}^{(22)}m_{021}^{(10)}m_{112}^{(10)} - 2m_{200}^{(22)}m_{021}^{(11)}m_{211}^{(20)}\\
&+2m_{200}^{(22)}m_{021}^{(11)}m_{112}^{(00)} - 2m_{200}^{(22)}m_{021}^{(20)}m_{211}^{(11)} + 2m_{200}^{(22)}m_{021}^{(20)}m_{121}^{(10)} + 2m_{200}^{(22)}m_{021}^{(21)}m_{211}^{(10)}\\
&-2m_{200}^{(22)}m_{021}^{(21)}m_{121}^{(00)} + m_{200}^{(22)}m_{012}^{(00)}m_{130}^{(21)} - m_{200}^{(22)}m_{012}^{(00)}m_{121}^{(11)} - m_{200}^{(22)}m_{012}^{(10)}m_{220}^{(21)}\\
&-m_{200}^{(22)}m_{012}^{(10)}m_{130}^{(20)} + 2m_{200}^{(22)}m_{012}^{(10)}m_{121}^{(10)} + m_{200}^{(22)}m_{012}^{(11)}m_{220}^{(20)} - m_{200}^{(22)}m_{012}^{(11)}m_{121}^{(00)}\\
&+m_{200}^{(22)}m_{012}^{(20)}m_{220}^{(11)} - m_{200}^{(22)}m_{012}^{(20)}m_{130}^{(10)} - m_{200}^{(22)}m_{012}^{(21)}m_{220}^{(10)} + m_{200}^{(22)}m_{012}^{(21)}m_{130}^{(00)}\\
&+2m_{110}^{(00)}m_{120}^{(10)}m_{013}^{(22)} - 2m_{110}^{(00)}m_{120}^{(10)}m_{004}^{(21)} - 2m_{110}^{(00)}m_{120}^{(11)}m_{103}^{(22)} + 2m_{110}^{(00)}m_{120}^{(11)}m_{004}^{(20)}\\
&-2m_{110}^{(00)}m_{120}^{(20)}m_{013}^{(21)} + 2m_{110}^{(00)}m_{120}^{(20)}m_{004}^{(11)} + 4m_{110}^{(00)}m_{120}^{(21)}m_{103}^{(21)} - 2m_{110}^{(00)}m_{120}^{(21)}m_{013}^{(20)}\\
&-2m_{110}^{(00)}m_{120}^{(21)}m_{004}^{(10)} - 2m_{110}^{(00)}m_{120}^{(22)}m_{103}^{(11)} + 2m_{110}^{(00)}m_{120}^{(22)}m_{013}^{(10)} - 4m_{110}^{(00)}m_{111}^{(10)}m_{022}^{(22)}\\
&+4m_{110}^{(00)}m_{111}^{(10)}m_{013}^{(21)} + 4m_{110}^{(00)}m_{111}^{(11)}m_{112}^{(22)} - 4m_{110}^{(00)}m_{111}^{(11)}m_{013}^{(20)} + 4m_{110}^{(00)}m_{111}^{(20)}m_{022}^{(21)}\\
&-4m_{110}^{(00)}m_{111}^{(20)}m_{013}^{(11)} - 8m_{110}^{(00)}m_{111}^{(21)}m_{112}^{(21)} + 4m_{110}^{(00)}m_{111}^{(21)}m_{022}^{(20)} + 4m_{110}^{(00)}m_{111}^{(21)}m_{013}^{(10)}\\
&+4m_{110}^{(00)}m_{111}^{(22)}m_{112}^{(11)} - 4m_{110}^{(00)}m_{111}^{(22)}m_{022}^{(10)} + 2m_{110}^{(00)}m_{102}^{(10)}m_{031}^{(22)} - 2m_{110}^{(00)}m_{102}^{(10)}m_{022}^{(21)}
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\begin{aligned}
&-2m_{110}^{(00)}m_{102}^{(11)}m_{121}^{(22)} + 2m_{110}^{(00)}m_{102}^{(11)}m_{022}^{(20)} - 2m_{110}^{(00)}m_{102}^{(20)}m_{031}^{(21)} + 2m_{110}^{(00)}m_{102}^{(20)}m_{022}^{(11)}\\
&+4m_{110}^{(00)}m_{102}^{(21)}m_{121}^{(21)} - 2m_{110}^{(00)}m_{102}^{(21)}m_{031}^{(20)} - 2m_{110}^{(00)}m_{102}^{(21)}m_{022}^{(10)} - 2m_{110}^{(00)}m_{102}^{(22)}m_{121}^{(11)}\\
&+2m_{110}^{(00)}m_{102}^{(22)}m_{031}^{(10)} - 2m_{110}^{(00)}m_{021}^{(10)}m_{112}^{(22)} + 2m_{110}^{(00)}m_{021}^{(10)}m_{103}^{(21)} + 2m_{110}^{(00)}m_{021}^{(11)}m_{202}^{(22)}\\
&-2m_{110}^{(00)}m_{021}^{(11)}m_{103}^{(20)} + 2m_{110}^{(00)}m_{021}^{(20)}m_{112}^{(21)} - 2m_{110}^{(00)}m_{021}^{(20)}m_{103}^{(11)} - 4m_{110}^{(00)}m_{021}^{(21)}m_{202}^{(21)}\\
&+2m_{110}^{(00)}m_{021}^{(21)}m_{112}^{(20)} + 2m_{110}^{(00)}m_{021}^{(21)}m_{103}^{(10)} + 2m_{110}^{(00)}m_{021}^{(22)}m_{202}^{(11)} - 2m_{110}^{(00)}m_{021}^{(22)}m_{112}^{(10)}\\
&+4m_{110}^{(00)}m_{012}^{(10)}m_{121}^{(22)} - 4m_{110}^{(00)}m_{012}^{(10)}m_{112}^{(21)} - 4m_{110}^{(00)}m_{012}^{(11)}m_{211}^{(22)} + 4m_{110}^{(00)}m_{012}^{(11)}m_{112}^{(20)}\\
&-4m_{110}^{(00)}m_{012}^{(20)}m_{121}^{(21)} + 4m_{110}^{(00)}m_{012}^{(20)}m_{112}^{(11)} + 8m_{110}^{(00)}m_{012}^{(21)}m_{211}^{(21)} - 4m_{110}^{(00)}m_{012}^{(21)}m_{121}^{(20)}\\
&-4m_{110}^{(00)}m_{012}^{(21)}m_{112}^{(10)} - 4m_{110}^{(00)}m_{012}^{(22)}m_{211}^{(11)} + 4m_{110}^{(00)}m_{012}^{(22)}m_{121}^{(10)} - 2m_{110}^{(00)}m_{003}^{(10)}m_{130}^{(22)}\\
&+2m_{110}^{(00)}m_{003}^{(10)}m_{121}^{(21)} + 2m_{110}^{(00)}m_{003}^{(11)}m_{220}^{(22)} - 2m_{110}^{(00)}m_{003}^{(11)}m_{121}^{(20)} + 2m_{110}^{(00)}m_{003}^{(20)}m_{130}^{(21)}\\
&-2m_{110}^{(00)}m_{003}^{(20)}m_{121}^{(11)} - 4m_{110}^{(00)}m_{003}^{(21)}m_{220}^{(21)} + 2m_{110}^{(00)}m_{003}^{(21)}m_{130}^{(20)} + 2m_{110}^{(00)}m_{003}^{(21)}m_{121}^{(10)}\\
&+2m_{110}^{(00)}m_{003}^{(22)}m_{220}^{(11)} - 2m_{110}^{(00)}m_{003}^{(22)}m_{130}^{(10)} - 2m_{110}^{(10)}m_{210}^{(10)}m_{013}^{(22)} + 2m_{110}^{(10)}m_{210}^{(10)}m_{004}^{(21)}\\
&+2m_{110}^{(10)}m_{210}^{(11)}m_{103}^{(22)} - 2m_{110}^{(10)}m_{210}^{(11)}m_{004}^{(20)} + 2m_{110}^{(10)}m_{210}^{(20)}m_{013}^{(21)} - 2m_{110}^{(10)}m_{210}^{(20)}m_{004}^{(11)}\\
&-4m_{110}^{(10)}m_{210}^{(21)}m_{103}^{(21)} + 2m_{110}^{(10)}m_{210}^{(21)}m_{013}^{(20)} + 2m_{110}^{(10)}m_{210}^{(21)}m_{004}^{(10)} + 2m_{110}^{(10)}m_{210}^{(22)}m_{103}^{(11)}\\
&-2m_{110}^{(10)}m_{210}^{(22)}m_{013}^{(10)} + 2m_{110}^{(10)}m_{201}^{(10)}m_{022}^{(22)} - 2m_{110}^{(10)}m_{201}^{(10)}m_{013}^{(21)} - 2m_{110}^{(10)}m_{201}^{(11)}m_{112}^{(22)}\\
&+2m_{110}^{(10)}m_{201}^{(11)}m_{013}^{(20)} - 2m_{110}^{(10)}m_{201}^{(20)}m_{022}^{(21)} + 2m_{110}^{(10)}m_{201}^{(20)}m_{013}^{(11)} + 4m_{110}^{(10)}m_{201}^{(21)}m_{112}^{(21)}\\
&-2m_{110}^{(10)}m_{201}^{(21)}m_{022}^{(20)} - 2m_{110}^{(10)}m_{201}^{(21)}m_{013}^{(10)} - 2m_{110}^{(10)}m_{201}^{(22)}m_{112}^{(11)} + 2m_{110}^{(10)}m_{201}^{(22)}m_{022}^{(10)}\\
&-2m_{110}^{(10)}m_{120}^{(00)}m_{013}^{(22)} + 2m_{110}^{(10)}m_{120}^{(00)}m_{004}^{(21)} + 2m_{110}^{(10)}m_{120}^{(10)}m_{103}^{(22)} - 2m_{110}^{(10)}m_{120}^{(10)}m_{004}^{(20)}\\
&-2m_{110}^{(10)}m_{120}^{(20)}m_{103}^{(21)} + 4m_{110}^{(10)}m_{120}^{(20)}m_{013}^{(20)} - 2m_{110}^{(10)}m_{120}^{(20)}m_{004}^{(10)} - 2m_{110}^{(10)}m_{120}^{(21)}m_{103}^{(20)}\\
&+2m_{110}^{(10)}m_{120}^{(21)}m_{004}^{(00)} + 2m_{110}^{(10)}m_{120}^{(22)}m_{103}^{(10)} - 2m_{110}^{(10)}m_{120}^{(22)}m_{013}^{(00)} + 4m_{110}^{(10)}m_{111}^{(00)}m_{022}^{(22)}\\
&-4m_{110}^{(10)}m_{111}^{(00)}m_{013}^{(21)} - 4m_{110}^{(10)}m_{111}^{(10)}m_{103}^{(21)} + 4m_{110}^{(10)}m_{111}^{(10)}m_{013}^{(20)} - 4m_{110}^{(10)}m_{111}^{(11)}m_{202}^{(22)}\\
&+4m_{110}^{(10)}m_{111}^{(11)}m_{103}^{(20)} + 4m_{110}^{(10)}m_{111}^{(20)}m_{103}^{(11)} - 8m_{110}^{(10)}m_{111}^{(20)}m_{022}^{(20)} + 4m_{110}^{(10)}m_{111}^{(20)}m_{013}^{(10)}\\
&+8m_{110}^{(10)}m_{111}^{(21)}m_{202}^{(21)} - 4m_{110}^{(10)}m_{111}^{(21)}m_{103}^{(10)} - 4m_{110}^{(10)}m_{111}^{(21)}m_{013}^{(00)} - 4m_{110}^{(10)}m_{111}^{(22)}m_{202}^{(11)}\\
&+4m_{110}^{(10)}m_{111}^{(22)}m_{022}^{(00)} - 2m_{110}^{(10)}m_{102}^{(00)}m_{031}^{(22)} + 2m_{110}^{(10)}m_{102}^{(00)}m_{022}^{(21)} - 2m_{110}^{(10)}m_{102}^{(10)}m_{121}^{(22)}\\
&+4m_{110}^{(10)}m_{102}^{(10)}m_{112}^{(21)} - 2m_{110}^{(10)}m_{102}^{(10)}m_{022}^{(20)} + 4m_{110}^{(10)}m_{102}^{(11)}m_{211}^{(22)} - 4m_{110}^{(10)}m_{102}^{(11)}m_{112}^{(20)}\\
&+2m_{110}^{(10)}m_{102}^{(20)}m_{121}^{(21)} - 4m_{110}^{(10)}m_{102}^{(20)}m_{112}^{(11)} + 4m_{110}^{(10)}m_{102}^{(20)}m_{031}^{(20)} - 2m_{110}^{(10)}m_{102}^{(20)}m_{022}^{(10)}\\
&-8m_{110}^{(10)}m_{102}^{(21)}m_{211}^{(21)} + 2m_{110}^{(10)}m_{102}^{(21)}m_{121}^{(20)} + 4m_{110}^{(10)}m_{102}^{(21)}m_{112}^{(10)} + 2m_{110}^{(10)}m_{102}^{(21)}m_{022}^{(00)}\\
&+4m_{110}^{(10)}m_{102}^{(22)}m_{211}^{(11)} - 2m_{110}^{(10)}m_{102}^{(22)}m_{121}^{(10)} - 2m_{110}^{(10)}m_{102}^{(22)}m_{031}^{(00)} + 2m_{110}^{(10)}m_{021}^{(00)}m_{112}^{(22)}\\
&-2m_{110}^{(10)}m_{021}^{(00)}m_{103}^{(21)} - 2m_{110}^{(10)}m_{021}^{(10)}m_{202}^{(22)} + 2m_{110}^{(10)}m_{021}^{(10)}m_{103}^{(20)} + 2m_{110}^{(10)}m_{021}^{(20)}m_{202}^{(21)}\\
&-4m_{110}^{(10)}m_{021}^{(20)}m_{112}^{(20)} + 2m_{110}^{(10)}m_{021}^{(20)}m_{103}^{(10)} + 2m_{110}^{(10)}m_{021}^{(21)}m_{202}^{(20)} - 2m_{110}^{(10)}m_{021}^{(21)}m_{103}^{(00)}\\
&-2m_{110}^{(10)}m_{021}^{(22)}m_{202}^{(10)} + 2m_{110}^{(10)}m_{021}^{(22)}m_{112}^{(00)} - 4m_{110}^{(10)}m_{012}^{(00)}m_{121}^{(22)} + 4m_{110}^{(10)}m_{012}^{(00)}m_{112}^{(21)}\\
&+2m_{110}^{(10)}m_{012}^{(10)}m_{211}^{(22)} + 2m_{110}^{(10)}m_{012}^{(10)}m_{202}^{(21)} - 4m_{110}^{(10)}m_{012}^{(10)}m_{112}^{(20)} + 2m_{110}^{(10)}m_{012}^{(11)}m_{301}^{(22)}\\
&-2m_{110}^{(10)}m_{012}^{(11)}m_{202}^{(20)} - 2m_{110}^{(10)}m_{012}^{(20)}m_{211}^{(21)} - 2m_{110}^{(10)}m_{012}^{(20)}m_{202}^{(11)} + 8m_{110}^{(10)}m_{012}^{(20)}m_{121}^{(20)}\\
&-4m_{110}^{(10)}m_{012}^{(20)}m_{112}^{(10)} - 4m_{110}^{(10)}m_{012}^{(21)}m_{301}^{(21)} - 2m_{110}^{(10)}m_{012}^{(21)}m_{211}^{(20)} + 2m_{110}^{(10)}m_{012}^{(21)}m_{202}^{(10)}\\
&+4m_{110}^{(10)}m_{012}^{(21)}m_{112}^{(00)} + 2m_{110}^{(10)}m_{012}^{(22)}m_{301}^{(11)} + 2m_{110}^{(10)}m_{012}^{(22)}m_{211}^{(10)} - 4m_{110}^{(10)}m_{012}^{(22)}m_{121}^{(00)}\\
&+2m_{110}^{(10)}m_{003}^{(00)}m_{130}^{(22)} - 2m_{110}^{(10)}m_{003}^{(00)}m_{121}^{(21)} - 2m_{110}^{(10)}m_{003}^{(10)}m_{211}^{(21)} + 2m_{110}^{(10)}m_{003}^{(10)}m_{121}^{(20)}\\
&-2m_{110}^{(10)}m_{003}^{(11)}m_{310}^{(22)} + 2m_{110}^{(10)}m_{003}^{(11)}m_{211}^{(20)} + 2m_{110}^{(10)}m_{003}^{(20)}m_{211}^{(11)} - 4m_{110}^{(10)}m_{003}^{(20)}m_{130}^{(20)}\\
&+2m_{110}^{(10)}m_{003}^{(20)}m_{121}^{(10)} + 4m_{110}^{(10)}m_{003}^{(21)}m_{310}^{(21)} - 2m_{110}^{(10)}m_{003}^{(21)}m_{211}^{(10)} - 2m_{110}^{(10)}m_{003}^{(21)}m_{121}^{(00)}\\
&-2m_{110}^{(10)}m_{003}^{(22)}m_{310}^{(11)} + 2m_{110}^{(10)}m_{003}^{(22)}m_{130}^{(00)} + 2m_{110}^{(11)}m_{210}^{(00)}m_{013}^{(22)} - 2m_{110}^{(11)}m_{210}^{(00)}m_{004}^{(21)}
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&-2m_{110}^{(11)}m_{210}^{(10)}m_{103}^{(22)} + 2m_{110}^{(11)}m_{210}^{(10)}m_{004}^{(20)} + 2m_{110}^{(11)}m_{210}^{(20)}m_{103}^{(21)} - 4m_{110}^{(11)}m_{210}^{(20)}m_{013}^{(20)}\\
&+2m_{110}^{(11)}m_{210}^{(20)}m_{004}^{(10)} + 2m_{110}^{(11)}m_{210}^{(21)}m_{103}^{(20)} - 2m_{110}^{(11)}m_{210}^{(21)}m_{004}^{(00)} - 2m_{110}^{(11)}m_{210}^{(22)}m_{103}^{(10)}\\
&+2m_{110}^{(11)}m_{210}^{(22)}m_{013}^{(00)} - 2m_{110}^{(11)}m_{201}^{(00)}m_{022}^{(22)} + 2m_{110}^{(11)}m_{201}^{(00)}m_{013}^{(21)} + 2m_{110}^{(11)}m_{201}^{(10)}m_{112}^{(22)}\\
&-2m_{110}^{(11)}m_{201}^{(10)}m_{013}^{(20)} - 2m_{110}^{(11)}m_{201}^{(20)}m_{112}^{(21)} + 4m_{110}^{(11)}m_{201}^{(20)}m_{022}^{(20)} - 2m_{110}^{(11)}m_{201}^{(20)}m_{013}^{(10)}\\
&-2m_{110}^{(11)}m_{201}^{(21)}m_{112}^{(20)} + 2m_{110}^{(11)}m_{201}^{(21)}m_{013}^{(00)} + 2m_{110}^{(11)}m_{201}^{(22)}m_{112}^{(10)} - 2m_{110}^{(11)}m_{201}^{(22)}m_{022}^{(00)}\\
&-4m_{110}^{(11)}m_{111}^{(00)}m_{112}^{(22)} + 4m_{110}^{(11)}m_{111}^{(00)}m_{103}^{(21)} + 4m_{110}^{(11)}m_{111}^{(10)}m_{202}^{(22)} - 4m_{110}^{(11)}m_{111}^{(10)}m_{103}^{(20)}\\
&-4m_{110}^{(11)}m_{111}^{(20)}m_{202}^{(21)} + 8m_{110}^{(11)}m_{111}^{(20)}m_{112}^{(20)} - 4m_{110}^{(11)}m_{111}^{(20)}m_{103}^{(10)} - 4m_{110}^{(11)}m_{111}^{(21)}m_{202}^{(20)}\\
&+4m_{110}^{(11)}m_{111}^{(21)}m_{103}^{(00)} + 4m_{110}^{(11)}m_{111}^{(22)}m_{202}^{(10)} - 4m_{110}^{(11)}m_{111}^{(22)}m_{112}^{(00)} + 4m_{110}^{(11)}m_{102}^{(00)}m_{121}^{(22)}\\
&-4m_{110}^{(11)}m_{102}^{(00)}m_{112}^{(21)} - 4m_{110}^{(11)}m_{102}^{(10)}m_{211}^{(22)} + 4m_{110}^{(11)}m_{102}^{(10)}m_{112}^{(20)} + 4m_{110}^{(11)}m_{102}^{(20)}m_{211}^{(21)}\\
&-8m_{110}^{(11)}m_{102}^{(20)}m_{121}^{(20)} + 4m_{110}^{(11)}m_{102}^{(20)}m_{112}^{(10)} + 4m_{110}^{(11)}m_{102}^{(21)}m_{211}^{(20)} - 4m_{110}^{(11)}m_{102}^{(21)}m_{112}^{(00)}\\
&-4m_{110}^{(11)}m_{102}^{(22)}m_{211}^{(10)} + 4m_{110}^{(11)}m_{102}^{(22)}m_{121}^{(00)} + 2m_{110}^{(11)}m_{012}^{(00)}m_{211}^{(22)} - 2m_{110}^{(11)}m_{012}^{(00)}m_{202}^{(21)}\\
&-2m_{110}^{(11)}m_{012}^{(10)}m_{301}^{(22)} + 2m_{110}^{(11)}m_{012}^{(10)}m_{202}^{(20)} + 2m_{110}^{(11)}m_{012}^{(20)}m_{301}^{(21)} - 4m_{110}^{(11)}m_{012}^{(20)}m_{211}^{(20)}\\
&+2m_{110}^{(11)}m_{012}^{(20)}m_{202}^{(10)} + 2m_{110}^{(11)}m_{012}^{(21)}m_{301}^{(20)} - 2m_{110}^{(11)}m_{012}^{(21)}m_{202}^{(00)} - 2m_{110}^{(11)}m_{012}^{(22)}m_{301}^{(10)}\\
&+2m_{110}^{(11)}m_{012}^{(22)}m_{211}^{(00)} - 2m_{110}^{(11)}m_{003}^{(00)}m_{220}^{(22)} + 2m_{110}^{(11)}m_{003}^{(00)}m_{211}^{(21)} + 2m_{110}^{(11)}m_{003}^{(10)}m_{310}^{(22)}\\
&-2m_{110}^{(11)}m_{003}^{(10)}m_{211}^{(20)} - 2m_{110}^{(11)}m_{003}^{(20)}m_{310}^{(21)} + 4m_{110}^{(11)}m_{003}^{(20)}m_{220}^{(20)} - 2m_{110}^{(11)}m_{003}^{(20)}m_{211}^{(10)}\\
&-2m_{110}^{(11)}m_{003}^{(21)}m_{310}^{(20)} + 2m_{110}^{(11)}m_{003}^{(21)}m_{211}^{(00)} + 2m_{110}^{(11)}m_{003}^{(22)}m_{310}^{(10)} - 2m_{110}^{(11)}m_{003}^{(22)}m_{220}^{(00)}\\
&+2m_{110}^{(20)}m_{210}^{(10)}m_{022}^{(22)} - 2m_{110}^{(20)}m_{210}^{(10)}m_{013}^{(21)} - 2m_{110}^{(20)}m_{210}^{(11)}m_{112}^{(22)} + 2m_{110}^{(20)}m_{210}^{(11)}m_{013}^{(20)}\\
&-2m_{110}^{(20)}m_{210}^{(20)}m_{022}^{(21)} + 2m_{110}^{(20)}m_{210}^{(20)}m_{013}^{(11)} + 4m_{110}^{(20)}m_{210}^{(21)}m_{112}^{(21)} - 2m_{110}^{(20)}m_{210}^{(21)}m_{022}^{(20)}\\
&-2m_{110}^{(20)}m_{210}^{(21)}m_{013}^{(10)} - 2m_{110}^{(20)}m_{210}^{(22)}m_{112}^{(11)} + 2m_{110}^{(20)}m_{210}^{(22)}m_{022}^{(10)} - 2m_{110}^{(20)}m_{201}^{(10)}m_{031}^{(22)}\\
&+2m_{110}^{(20)}m_{201}^{(10)}m_{022}^{(21)} + 2m_{110}^{(20)}m_{201}^{(11)}m_{121}^{(22)} - 2m_{110}^{(20)}m_{201}^{(11)}m_{022}^{(20)} + 2m_{110}^{(20)}m_{201}^{(20)}m_{031}^{(21)}\\
&-2m_{110}^{(20)}m_{201}^{(20)}m_{022}^{(11)} - 4m_{110}^{(20)}m_{201}^{(21)}m_{121}^{(21)} + 2m_{110}^{(20)}m_{201}^{(21)}m_{031}^{(20)} + 2m_{110}^{(20)}m_{201}^{(21)}m_{022}^{(10)}\\
&+2m_{110}^{(20)}m_{201}^{(22)}m_{121}^{(11)} - 2m_{110}^{(20)}m_{201}^{(22)}m_{031}^{(10)} + 2m_{110}^{(20)}m_{120}^{(00)}m_{013}^{(21)} - 2m_{110}^{(20)}m_{120}^{(00)}m_{004}^{(11)}\\
&-2m_{110}^{(20)}m_{120}^{(10)}m_{112}^{(22)} - 2m_{110}^{(20)}m_{120}^{(10)}m_{013}^{(20)} + 4m_{110}^{(20)}m_{120}^{(10)}m_{004}^{(10)} + 2m_{110}^{(20)}m_{120}^{(11)}m_{202}^{(22)}\\
&-2m_{110}^{(20)}m_{120}^{(11)}m_{004}^{(00)} + 2m_{110}^{(20)}m_{120}^{(20)}m_{112}^{(21)} - 2m_{110}^{(20)}m_{120}^{(20)}m_{013}^{(10)} - 4m_{110}^{(20)}m_{120}^{(21)}m_{202}^{(21)}\\
&+2m_{110}^{(20)}m_{120}^{(21)}m_{112}^{(20)} + 2m_{110}^{(20)}m_{120}^{(21)}m_{013}^{(00)} + 2m_{110}^{(20)}m_{120}^{(22)}m_{202}^{(11)} - 2m_{110}^{(20)}m_{120}^{(22)}m_{112}^{(10)}\\
&-4m_{110}^{(20)}m_{111}^{(00)}m_{022}^{(21)} + 4m_{110}^{(20)}m_{111}^{(00)}m_{013}^{(11)} + 4m_{110}^{(20)}m_{111}^{(10)}m_{112}^{(21)} + 4m_{110}^{(20)}m_{111}^{(10)}m_{022}^{(20)}\\
&-8m_{110}^{(20)}m_{111}^{(10)}m_{013}^{(10)} - 4m_{110}^{(20)}m_{111}^{(11)}m_{112}^{(20)} + 4m_{110}^{(20)}m_{111}^{(11)}m_{013}^{(00)} - 4m_{110}^{(20)}m_{111}^{(20)}m_{112}^{(11)}\\
&+4m_{110}^{(20)}m_{111}^{(20)}m_{022}^{(10)} + 4m_{110}^{(20)}m_{111}^{(21)}m_{112}^{(10)} - 4m_{110}^{(20)}m_{111}^{(21)}m_{022}^{(00)} + 2m_{110}^{(20)}m_{102}^{(00)}m_{031}^{(21)}\\
&-2m_{110}^{(20)}m_{102}^{(00)}m_{022}^{(11)} + 2m_{110}^{(20)}m_{102}^{(10)}m_{130}^{(22)} - 4m_{110}^{(20)}m_{102}^{(10)}m_{121}^{(21)} - 2m_{110}^{(20)}m_{102}^{(10)}m_{031}^{(20)}\\
&+4m_{110}^{(20)}m_{102}^{(10)}m_{022}^{(10)} - 2m_{110}^{(20)}m_{102}^{(11)}m_{220}^{(22)} + 4m_{110}^{(20)}m_{102}^{(11)}m_{121}^{(20)} - 2m_{110}^{(20)}m_{102}^{(11)}m_{022}^{(00)}\\
&-2m_{110}^{(20)}m_{102}^{(20)}m_{130}^{(21)} + 4m_{110}^{(20)}m_{102}^{(20)}m_{121}^{(11)} - 2m_{110}^{(20)}m_{102}^{(20)}m_{031}^{(10)} + 4m_{110}^{(20)}m_{102}^{(21)}m_{220}^{(21)}\\
&-2m_{110}^{(20)}m_{102}^{(21)}m_{130}^{(20)} - 4m_{110}^{(20)}m_{102}^{(21)}m_{121}^{(10)} + 2m_{110}^{(20)}m_{102}^{(21)}m_{031}^{(00)} - 2m_{110}^{(20)}m_{102}^{(22)}m_{220}^{(11)}\\
&+2m_{110}^{(20)}m_{102}^{(22)}m_{130}^{(10)} - 2m_{110}^{(20)}m_{021}^{(00)}m_{112}^{(21)} + 2m_{110}^{(20)}m_{021}^{(00)}m_{103}^{(11)} + 2m_{110}^{(20)}m_{021}^{(10)}m_{211}^{(22)}\\
&+2m_{110}^{(20)}m_{021}^{(10)}m_{112}^{(20)} - 4m_{110}^{(20)}m_{021}^{(10)}m_{103}^{(10)} - 2m_{110}^{(20)}m_{021}^{(11)}m_{301}^{(22)} + 2m_{110}^{(20)}m_{021}^{(11)}m_{103}^{(00)}\\
&-2m_{110}^{(20)}m_{021}^{(20)}m_{211}^{(21)} + 2m_{110}^{(20)}m_{021}^{(20)}m_{112}^{(10)} + 4m_{110}^{(20)}m_{021}^{(21)}m_{301}^{(21)} - 2m_{110}^{(20)}m_{021}^{(21)}m_{211}^{(20)}\\
&-2m_{110}^{(20)}m_{021}^{(21)}m_{112}^{(00)} - 2m_{110}^{(20)}m_{021}^{(22)}m_{301}^{(11)} + 2m_{110}^{(20)}m_{021}^{(22)}m_{211}^{(10)} + 4m_{110}^{(20)}m_{012}^{(00)}m_{121}^{(21)}\\
&-4m_{110}^{(20)}m_{012}^{(00)}m_{112}^{(11)} - 2m_{110}^{(20)}m_{012}^{(10)}m_{220}^{(22)} - 2m_{110}^{(20)}m_{012}^{(10)}m_{211}^{(21)} - 4m_{110}^{(20)}m_{012}^{(10)}m_{121}^{(20)}\\
&+8m_{110}^{(20)}m_{012}^{(10)}m_{112}^{(10)} + 2m_{110}^{(20)}m_{012}^{(11)}m_{310}^{(22)} + 2m_{110}^{(20)}m_{012}^{(11)}m_{211}^{(20)} - 4m_{110}^{(20)}m_{012}^{(11)}m_{112}^{(00)}
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&+2m_{110}^{(20)}m_{012}^{(20)}m_{220}^{(21)} + 2m_{110}^{(20)}m_{012}^{(20)}m_{211}^{(11)} - 4m_{110}^{(20)}m_{012}^{(20)}m_{121}^{(10)} - 4m_{110}^{(20)}m_{012}^{(21)}m_{310}^{(21)}\\
&+2m_{110}^{(20)}m_{012}^{(21)}m_{220}^{(20)} - 2m_{110}^{(20)}m_{012}^{(21)}m_{211}^{(10)} + 4m_{110}^{(20)}m_{012}^{(21)}m_{121}^{(00)} + 2m_{110}^{(20)}m_{012}^{(22)}m_{310}^{(11)}\\
&-2m_{110}^{(20)}m_{012}^{(22)}m_{220}^{(10)} - 2m_{110}^{(20)}m_{003}^{(00)}m_{130}^{(21)} + 2m_{110}^{(20)}m_{003}^{(00)}m_{121}^{(11)} + 2m_{110}^{(20)}m_{003}^{(10)}m_{220}^{(21)}\\
&+2m_{110}^{(20)}m_{003}^{(10)}m_{130}^{(20)} - 4m_{110}^{(20)}m_{003}^{(10)}m_{121}^{(10)} - 2m_{110}^{(20)}m_{003}^{(11)}m_{220}^{(20)} + 2m_{110}^{(20)}m_{003}^{(11)}m_{121}^{(00)}\\
&-2m_{110}^{(20)}m_{003}^{(20)}m_{220}^{(11)} + 2m_{110}^{(20)}m_{003}^{(20)}m_{130}^{(10)} + 2m_{110}^{(20)}m_{003}^{(21)}m_{220}^{(10)} - 2m_{110}^{(20)}m_{003}^{(21)}m_{130}^{(00)}\\
&-2m_{110}^{(21)}m_{210}^{(00)}m_{022}^{(22)} + 2m_{110}^{(21)}m_{210}^{(00)}m_{004}^{(11)} + 2m_{110}^{(21)}m_{210}^{(10)}m_{112}^{(22)} + 2m_{110}^{(21)}m_{210}^{(10)}m_{103}^{(21)}\\
&-4m_{110}^{(21)}m_{210}^{(10)}m_{004}^{(10)} - 2m_{110}^{(21)}m_{210}^{(11)}m_{103}^{(20)} + 2m_{110}^{(21)}m_{210}^{(11)}m_{004}^{(00)} - 2m_{110}^{(21)}m_{210}^{(20)}m_{112}^{(21)}\\
&-2m_{110}^{(21)}m_{210}^{(20)}m_{103}^{(11)} + 4m_{110}^{(21)}m_{210}^{(20)}m_{022}^{(20)} - 2m_{110}^{(21)}m_{210}^{(21)}m_{112}^{(20)} + 2m_{110}^{(21)}m_{210}^{(21)}m_{103}^{(10)}\\
&+2m_{110}^{(21)}m_{210}^{(22)}m_{112}^{(10)} - 2m_{110}^{(21)}m_{210}^{(22)}m_{022}^{(00)} + 2m_{110}^{(21)}m_{201}^{(00)}m_{031}^{(22)} - 2m_{110}^{(21)}m_{201}^{(00)}m_{013}^{(11)}\\
&-2m_{110}^{(21)}m_{201}^{(10)}m_{121}^{(22)} - 2m_{110}^{(21)}m_{201}^{(10)}m_{112}^{(21)} + 4m_{110}^{(21)}m_{201}^{(10)}m_{013}^{(10)} + 2m_{110}^{(21)}m_{201}^{(11)}m_{112}^{(20)}\\
&-2m_{110}^{(21)}m_{201}^{(11)}m_{013}^{(00)} + 2m_{110}^{(21)}m_{201}^{(20)}m_{121}^{(21)} + 2m_{110}^{(21)}m_{201}^{(20)}m_{112}^{(11)} - 4m_{110}^{(21)}m_{201}^{(20)}m_{031}^{(20)}\\
&+2m_{110}^{(21)}m_{201}^{(21)}m_{121}^{(20)} - 2m_{110}^{(21)}m_{201}^{(21)}m_{112}^{(10)} - 2m_{110}^{(21)}m_{201}^{(22)}m_{121}^{(10)} + 2m_{110}^{(21)}m_{201}^{(22)}m_{031}^{(00)}\\
&+2m_{110}^{(21)}m_{120}^{(00)}m_{112}^{(22)} - 2m_{110}^{(21)}m_{120}^{(00)}m_{103}^{(21)} - 2m_{110}^{(21)}m_{120}^{(10)}m_{202}^{(22)} + 2m_{110}^{(21)}m_{120}^{(10)}m_{103}^{(20)}\\
&+2m_{110}^{(21)}m_{120}^{(20)}m_{202}^{(21)} - 4m_{110}^{(21)}m_{120}^{(20)}m_{112}^{(20)} + 2m_{110}^{(21)}m_{120}^{(20)}m_{103}^{(10)} + 2m_{110}^{(21)}m_{120}^{(21)}m_{202}^{(20)}\\
&-2m_{110}^{(21)}m_{120}^{(21)}m_{103}^{(00)} - 2m_{110}^{(21)}m_{120}^{(22)}m_{202}^{(10)} + 2m_{110}^{(21)}m_{120}^{(22)}m_{112}^{(00)} + 4m_{110}^{(21)}m_{111}^{(00)}m_{112}^{(21)}\\
&-4m_{110}^{(21)}m_{111}^{(00)}m_{103}^{(11)} - 4m_{110}^{(21)}m_{111}^{(10)}m_{202}^{(21)} - 4m_{110}^{(21)}m_{111}^{(10)}m_{112}^{(20)} + 8m_{110}^{(21)}m_{111}^{(10)}m_{103}^{(10)}\\
&+4m_{110}^{(21)}m_{111}^{(11)}m_{202}^{(20)} - 4m_{110}^{(21)}m_{111}^{(11)}m_{103}^{(00)} + 4m_{110}^{(21)}m_{111}^{(20)}m_{202}^{(11)} - 4m_{110}^{(21)}m_{111}^{(20)}m_{112}^{(10)}\\
&-4m_{110}^{(21)}m_{111}^{(21)}m_{202}^{(10)} + 4m_{110}^{(21)}m_{111}^{(21)}m_{112}^{(00)} - 2m_{110}^{(21)}m_{102}^{(00)}m_{130}^{(22)} - 2m_{110}^{(21)}m_{102}^{(00)}m_{121}^{(21)}\\
&+4m_{110}^{(21)}m_{102}^{(00)}m_{112}^{(11)} + 2m_{110}^{(21)}m_{102}^{(10)}m_{220}^{(22)} + 4m_{110}^{(21)}m_{102}^{(10)}m_{211}^{(21)} + 2m_{110}^{(21)}m_{102}^{(10)}m_{121}^{(20)}\\
&-8m_{110}^{(21)}m_{102}^{(10)}m_{112}^{(10)} - 4m_{110}^{(21)}m_{102}^{(11)}m_{211}^{(20)} + 4m_{110}^{(21)}m_{102}^{(11)}m_{112}^{(00)} - 2m_{110}^{(21)}m_{102}^{(20)}m_{220}^{(21)}\\
&-4m_{110}^{(21)}m_{102}^{(20)}m_{211}^{(11)} + 4m_{110}^{(21)}m_{102}^{(20)}m_{130}^{(20)} + 2m_{110}^{(21)}m_{102}^{(20)}m_{121}^{(10)} - 2m_{110}^{(21)}m_{102}^{(21)}m_{220}^{(20)}\\
&+4m_{110}^{(21)}m_{102}^{(21)}m_{211}^{(10)} - 2m_{110}^{(21)}m_{102}^{(21)}m_{121}^{(00)} + 2m_{110}^{(21)}m_{102}^{(22)}m_{220}^{(10)} - 2m_{110}^{(21)}m_{102}^{(22)}m_{130}^{(00)}\\
&-2m_{110}^{(21)}m_{021}^{(00)}m_{211}^{(22)} + 2m_{110}^{(21)}m_{021}^{(00)}m_{202}^{(21)} + 2m_{110}^{(21)}m_{021}^{(10)}m_{301}^{(22)} - 2m_{110}^{(21)}m_{021}^{(10)}m_{202}^{(20)}\\
&-2m_{110}^{(21)}m_{021}^{(20)}m_{301}^{(21)} + 4m_{110}^{(21)}m_{021}^{(20)}m_{211}^{(20)} - 2m_{110}^{(21)}m_{021}^{(20)}m_{202}^{(10)} - 2m_{110}^{(21)}m_{021}^{(21)}m_{301}^{(20)}\\
&+2m_{110}^{(21)}m_{021}^{(21)}m_{202}^{(00)} + 2m_{110}^{(21)}m_{021}^{(22)}m_{301}^{(10)} - 2m_{110}^{(21)}m_{021}^{(22)}m_{211}^{(00)} + 2m_{110}^{(21)}m_{012}^{(00)}m_{220}^{(22)}\\
&-4m_{110}^{(21)}m_{012}^{(00)}m_{211}^{(21)} + 2m_{110}^{(21)}m_{012}^{(00)}m_{202}^{(11)} - 2m_{110}^{(21)}m_{012}^{(10)}m_{310}^{(22)} + 2m_{110}^{(21)}m_{012}^{(10)}m_{301}^{(21)}\\
&+4m_{110}^{(21)}m_{012}^{(10)}m_{211}^{(20)} - 4m_{110}^{(21)}m_{012}^{(10)}m_{202}^{(10)} - 2m_{110}^{(21)}m_{012}^{(11)}m_{301}^{(20)} + 2m_{110}^{(21)}m_{012}^{(11)}m_{202}^{(00)}\\
&+2m_{110}^{(21)}m_{012}^{(20)}m_{310}^{(21)} - 2m_{110}^{(21)}m_{012}^{(20)}m_{301}^{(11)} - 4m_{110}^{(21)}m_{012}^{(20)}m_{220}^{(20)} + 4m_{110}^{(21)}m_{012}^{(20)}m_{211}^{(10)}\\
&+2m_{110}^{(21)}m_{012}^{(21)}m_{310}^{(20)} + 2m_{110}^{(21)}m_{012}^{(21)}m_{301}^{(10)} - 4m_{110}^{(21)}m_{012}^{(21)}m_{211}^{(00)} - 2m_{110}^{(21)}m_{012}^{(22)}m_{310}^{(10)}\\
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&-2m_{110}^{(21)}m_{003}^{(10)}m_{220}^{(20)} + 4m_{110}^{(21)}m_{003}^{(10)}m_{211}^{(10)} + 2m_{110}^{(21)}m_{003}^{(11)}m_{310}^{(20)} - 2m_{110}^{(21)}m_{003}^{(11)}m_{211}^{(00)}\\
&+2m_{110}^{(21)}m_{003}^{(20)}m_{310}^{(11)} - 2m_{110}^{(21)}m_{003}^{(20)}m_{220}^{(10)} - 2m_{110}^{(21)}m_{003}^{(21)}m_{310}^{(10)} + 2m_{110}^{(21)}m_{003}^{(21)}m_{220}^{(00)}\\
&+2m_{110}^{(22)}m_{210}^{(00)}m_{022}^{(21)} - 2m_{110}^{(22)}m_{210}^{(00)}m_{013}^{(11)} - 2m_{110}^{(22)}m_{210}^{(10)}m_{112}^{(21)} - 2m_{110}^{(22)}m_{210}^{(10)}m_{022}^{(20)}\\
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&-2m_{110}^{(22)}m_{210}^{(20)}m_{022}^{(10)} - 2m_{110}^{(22)}m_{210}^{(21)}m_{112}^{(10)} + 2m_{110}^{(22)}m_{210}^{(21)}m_{022}^{(00)} - 2m_{110}^{(22)}m_{201}^{(00)}m_{031}^{(21)}\\
&+2m_{110}^{(22)}m_{201}^{(00)}m_{022}^{(11)} + 2m_{110}^{(22)}m_{201}^{(10)}m_{121}^{(21)} + 2m_{110}^{(22)}m_{201}^{(10)}m_{031}^{(20)} - 4m_{110}^{(22)}m_{201}^{(10)}m_{022}^{(10)}\\
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&+2m_{110}^{(22)}m_{201}^{(21)}m_{121}^{(10)} - 2m_{110}^{(22)}m_{201}^{(21)}m_{031}^{(00)} - 2m_{110}^{(22)}m_{120}^{(00)}m_{112}^{(21)} + 2m_{110}^{(22)}m_{120}^{(00)}m_{103}^{(11)}
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+2m_{110}^{(22)}m_{120}^{(10)}m_{202}^{(21)} & +2m_{110}^{(22)}m_{120}^{(10)}m_{112}^{(20)} & -4m_{110}^{(22)}m_{120}^{(10)}m_{103}^{(10)} & -2m_{110}^{(22)}m_{120}^{(11)}m_{202}^{(20)} \\
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&-4m_{101}^{(10)}m_{111}^{(20)}m_{121}^{(21)} + 8m_{101}^{(10)}m_{111}^{(20)}m_{031}^{(20)} - 4m_{101}^{(10)}m_{111}^{(20)}m_{022}^{(10)} - 4m_{101}^{(10)}m_{111}^{(21)}m_{121}^{(20)}\\
&+4m_{101}^{(10)}m_{111}^{(21)}m_{022}^{(00)} + 4m_{101}^{(10)}m_{111}^{(22)}m_{121}^{(10)} - 4m_{101}^{(10)}m_{111}^{(22)}m_{031}^{(00)} + 2m_{101}^{(10)}m_{102}^{(00)}m_{040}^{(22)}\\
&-2m_{101}^{(10)}m_{102}^{(00)}m_{031}^{(21)} - 2m_{101}^{(10)}m_{102}^{(10)}m_{121}^{(21)} + 2m_{101}^{(10)}m_{102}^{(10)}m_{031}^{(20)} - 2m_{101}^{(10)}m_{102}^{(11)}m_{220}^{(22)}\\
&+2m_{101}^{(10)}m_{102}^{(11)}m_{121}^{(20)} + 2m_{101}^{(10)}m_{102}^{(20)}m_{121}^{(11)} - 4m_{101}^{(10)}m_{102}^{(20)}m_{040}^{(20)} + 2m_{101}^{(10)}m_{102}^{(20)}m_{031}^{(10)}\\
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&+4m_{101}^{(10)}m_{021}^{(00)}m_{121}^{(22)} - 4m_{101}^{(10)}m_{021}^{(00)}m_{112}^{(21)} - 2m_{101}^{(10)}m_{021}^{(10)}m_{211}^{(22)} - 2m_{101}^{(10)}m_{021}^{(10)}m_{202}^{(21)}\\
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&+2m_{101}^{(10)}m_{021}^{(20)}m_{202}^{(11)} - 8m_{101}^{(10)}m_{021}^{(20)}m_{121}^{(20)} + 4m_{101}^{(10)}m_{021}^{(20)}m_{112}^{(10)} + 4m_{101}^{(10)}m_{021}^{(21)}m_{301}^{(21)}\\
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&+2m_{101}^{(11)}m_{120}^{(20)}m_{103}^{(10)} + 2m_{101}^{(11)}m_{120}^{(21)}m_{202}^{(20)} - 2m_{101}^{(11)}m_{120}^{(21)}m_{103}^{(00)} - 2m_{101}^{(11)}m_{120}^{(22)}m_{202}^{(10)}\\
&+2m_{101}^{(11)}m_{120}^{(22)}m_{112}^{(00)} - 2m_{101}^{(11)}m_{102}^{(00)}m_{130}^{(22)} + 2m_{101}^{(11)}m_{102}^{(00)}m_{121}^{(21)} + 2m_{101}^{(11)}m_{102}^{(10)}m_{220}^{(22)}\\
&-2m_{101}^{(11)}m_{102}^{(10)}m_{121}^{(20)} - 2m_{101}^{(11)}m_{102}^{(20)}m_{220}^{(21)} + 4m_{101}^{(11)}m_{102}^{(20)}m_{130}^{(20)} - 2m_{101}^{(11)}m_{102}^{(20)}m_{121}^{(10)}\\
&-2m_{101}^{(11)}m_{102}^{(21)}m_{220}^{(20)} + 2m_{101}^{(11)}m_{102}^{(21)}m_{121}^{(00)} + 2m_{101}^{(11)}m_{102}^{(22)}m_{220}^{(10)} - 2m_{101}^{(11)}m_{102}^{(22)}m_{130}^{(00)}\\
&-2m_{101}^{(11)}m_{021}^{(00)}m_{211}^{(22)} + 2m_{101}^{(11)}m_{021}^{(00)}m_{202}^{(21)} + 2m_{101}^{(11)}m_{021}^{(10)}m_{301}^{(22)} - 2m_{101}^{(11)}m_{021}^{(10)}m_{202}^{(20)}\\
&-2m_{101}^{(11)}m_{021}^{(20)}m_{301}^{(21)} + 4m_{101}^{(11)}m_{021}^{(20)}m_{211}^{(20)} - 2m_{101}^{(11)}m_{021}^{(20)}m_{202}^{(10)} - 2m_{101}^{(11)}m_{021}^{(21)}m_{301}^{(20)}\\
&+2m_{101}^{(11)}m_{021}^{(21)}m_{202}^{(00)} + 2m_{101}^{(11)}m_{021}^{(22)}m_{301}^{(10)} - 2m_{101}^{(11)}m_{021}^{(22)}m_{211}^{(00)} + 2m_{101}^{(11)}m_{012}^{(00)}m_{220}^{(22)}\\
&-2m_{101}^{(11)}m_{012}^{(00)}m_{211}^{(21)} - 2m_{101}^{(11)}m_{012}^{(10)}m_{310}^{(22)} + 2m_{101}^{(11)}m_{012}^{(10)}m_{211}^{(20)} + 2m_{101}^{(11)}m_{012}^{(20)}m_{310}^{(21)}\\
&-4m_{101}^{(11)}m_{012}^{(20)}m_{220}^{(20)} + 2m_{101}^{(11)}m_{012}^{(20)}m_{211}^{(10)} + 2m_{101}^{(11)}m_{012}^{(21)}m_{310}^{(20)} - 2m_{101}^{(11)}m_{012}^{(21)}m_{211}^{(00)}\\
&-2m_{101}^{(11)}m_{012}^{(22)}m_{310}^{(10)} + 2m_{101}^{(11)}m_{012}^{(22)}m_{220}^{(00)} - 2m_{101}^{(20)}m_{210}^{(10)}m_{031}^{(22)} + 2m_{101}^{(20)}m_{210}^{(10)}m_{022}^{(21)}\\
&+2m_{101}^{(20)}m_{210}^{(11)}m_{121}^{(22)} - 2m_{101}^{(20)}m_{210}^{(11)}m_{022}^{(20)} + 2m_{101}^{(20)}m_{210}^{(21)}m_{031}^{(20)} - 2m_{101}^{(20)}m_{210}^{(20)}m_{022}^{(11)}\\
&-4m_{101}^{(20)}m_{210}^{(21)}m_{121}^{(21)} + 2m_{101}^{(20)}m_{210}^{(21)}m_{031}^{(20)} + 2m_{101}^{(20)}m_{210}^{(21)}m_{022}^{(10)} + 2m_{101}^{(20)}m_{210}^{(22)}m_{121}^{(11)}\\
&-2m_{101}^{(20)}m_{210}^{(22)}m_{031}^{(10)} + 2m_{101}^{(20)}m_{201}^{(10)}m_{040}^{(22)} - 2m_{101}^{(20)}m_{201}^{(10)}m_{031}^{(21)} - 2m_{101}^{(20)}m_{201}^{(11)}m_{130}^{(22)}\\
&+2m_{101}^{(20)}m_{201}^{(11)}m_{031}^{(20)} - 2m_{101}^{(20)}m_{201}^{(20)}m_{040}^{(21)} + 2m_{101}^{(20)}m_{201}^{(20)}m_{031}^{(11)} + 4m_{101}^{(20)}m_{201}^{(21)}m_{130}^{(21)}\\
&-2m_{101}^{(20)}m_{201}^{(21)}m_{040}^{(20)} - 2m_{101}^{(20)}m_{201}^{(21)}m_{031}^{(10)} - 2m_{101}^{(20)}m_{201}^{(22)}m_{130}^{(11)} + 2m_{101}^{(20)}m_{201}^{(22)}m_{040}^{(10)}
\end{aligned}
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\begin{aligned}
&-2m_{101}^{(20)}m_{120}^{(00)}m_{022}^{(21)} + 2m_{101}^{(20)}m_{120}^{(00)}m_{013}^{(11)} + 4m_{101}^{(20)}m_{120}^{(10)}m_{121}^{(22)} - 2m_{101}^{(20)}m_{120}^{(10)}m_{112}^{(21)}\\
&+2m_{101}^{(20)}m_{120}^{(10)}m_{022}^{(20)} - 4m_{101}^{(20)}m_{120}^{(10)}m_{013}^{(10)} - 4m_{101}^{(20)}m_{120}^{(11)}m_{211}^{(22)} + 2m_{101}^{(20)}m_{120}^{(11)}m_{112}^{(20)}\\
&+2m_{101}^{(20)}m_{120}^{(11)}m_{013}^{(00)} - 4m_{101}^{(20)}m_{120}^{(20)}m_{121}^{(21)} + 2m_{101}^{(20)}m_{120}^{(20)}m_{112}^{(11)} + 2m_{101}^{(20)}m_{120}^{(20)}m_{022}^{(10)}\\
&+8m_{101}^{(20)}m_{120}^{(21)}m_{211}^{(21)} - 4m_{101}^{(20)}m_{120}^{(21)}m_{121}^{(20)} - 2m_{101}^{(20)}m_{120}^{(21)}m_{112}^{(10)} - 2m_{101}^{(20)}m_{120}^{(21)}m_{022}^{(00)}\\
&-4m_{101}^{(20)}m_{120}^{(22)}m_{211}^{(11)} + 4m_{101}^{(20)}m_{120}^{(22)}m_{121}^{(10)} + 4m_{101}^{(20)}m_{111}^{(00)}m_{031}^{(21)} - 4m_{101}^{(20)}m_{111}^{(00)}m_{022}^{(11)}\\
&-4m_{101}^{(20)}m_{111}^{(10)}m_{130}^{(22)} - 4m_{101}^{(20)}m_{111}^{(10)}m_{031}^{(20)} + 8m_{101}^{(20)}m_{111}^{(10)}m_{022}^{(10)} + 4m_{101}^{(20)}m_{111}^{(11)}m_{220}^{(22)}\\
&-4m_{101}^{(20)}m_{111}^{(11)}m_{022}^{(00)} + 4m_{101}^{(20)}m_{111}^{(20)}m_{130}^{(21)} - 4m_{101}^{(20)}m_{111}^{(20)}m_{031}^{(10)} - 8m_{101}^{(20)}m_{111}^{(21)}m_{220}^{(21)}\\
&+4m_{101}^{(20)}m_{111}^{(21)}m_{130}^{(20)} + 4m_{101}^{(20)}m_{111}^{(21)}m_{031}^{(00)} + 4m_{101}^{(20)}m_{111}^{(22)}m_{220}^{(11)} - 4m_{101}^{(20)}m_{111}^{(22)}m_{130}^{(10)}\\
&-2m_{101}^{(20)}m_{102}^{(00)}m_{040}^{(21)} + 2m_{101}^{(20)}m_{102}^{(00)}m_{031}^{(11)} + 2m_{101}^{(20)}m_{102}^{(10)}m_{130}^{(21)} + 2m_{101}^{(20)}m_{102}^{(10)}m_{040}^{(20)}\\
&-4m_{101}^{(20)}m_{102}^{(10)}m_{031}^{(10)} - 2m_{101}^{(20)}m_{102}^{(11)}m_{130}^{(20)} + 2m_{101}^{(20)}m_{102}^{(11)}m_{031}^{(00)} - 2m_{101}^{(20)}m_{102}^{(20)}m_{130}^{(11)}\\
&+2m_{101}^{(20)}m_{102}^{(20)}m_{040}^{(10)} + 2m_{101}^{(20)}m_{102}^{(21)}m_{130}^{(10)} - 2m_{101}^{(20)}m_{102}^{(21)}m_{040}^{(00)} + 2m_{101}^{(20)}m_{030}^{(00)}m_{112}^{(21)}\\
&-2m_{101}^{(20)}m_{030}^{(00)}m_{103}^{(11)} - 2m_{101}^{(20)}m_{030}^{(10)}m_{211}^{(22)} - 2m_{101}^{(20)}m_{030}^{(10)}m_{112}^{(20)} + 4m_{101}^{(20)}m_{030}^{(10)}m_{103}^{(10)}\\
&+2m_{101}^{(20)}m_{030}^{(11)}m_{301}^{(22)} - 2m_{101}^{(20)}m_{030}^{(11)}m_{103}^{(00)} + 2m_{101}^{(20)}m_{030}^{(20)}m_{211}^{(21)} - 2m_{101}^{(20)}m_{030}^{(20)}m_{112}^{(10)}\\
&-4m_{101}^{(20)}m_{030}^{(21)}m_{301}^{(21)} + 2m_{101}^{(20)}m_{030}^{(21)}m_{211}^{(20)} + 2m_{101}^{(20)}m_{030}^{(21)}m_{112}^{(00)} + 2m_{101}^{(20)}m_{030}^{(22)}m_{301}^{(11)}\\
&-2m_{101}^{(20)}m_{030}^{(22)}m_{211}^{(10)} - 4m_{101}^{(20)}m_{021}^{(00)}m_{121}^{(21)} + 4m_{101}^{(20)}m_{021}^{(00)}m_{112}^{(11)} + 2m_{101}^{(20)}m_{021}^{(10)}m_{220}^{(22)}\\
&+2m_{101}^{(20)}m_{021}^{(10)}m_{211}^{(21)} + 4m_{101}^{(20)}m_{021}^{(10)}m_{121}^{(20)} - 8m_{101}^{(20)}m_{021}^{(10)}m_{112}^{(10)} - 2m_{101}^{(20)}m_{021}^{(11)}m_{310}^{(22)}\\
&-2m_{101}^{(20)}m_{021}^{(11)}m_{211}^{(20)} + 4m_{101}^{(20)}m_{021}^{(11)}m_{112}^{(00)} - 2m_{101}^{(20)}m_{021}^{(20)}m_{220}^{(21)} - 2m_{101}^{(20)}m_{021}^{(20)}m_{211}^{(11)}\\
&+4m_{101}^{(20)}m_{021}^{(20)}m_{121}^{(10)} + 4m_{101}^{(20)}m_{021}^{(21)}m_{310}^{(21)} - 2m_{101}^{(20)}m_{021}^{(21)}m_{220}^{(20)} + 2m_{101}^{(20)}m_{021}^{(21)}m_{211}^{(10)}\\
&-4m_{101}^{(20)}m_{021}^{(21)}m_{121}^{(00)} - 2m_{101}^{(20)}m_{021}^{(22)}m_{310}^{(11)} + 2m_{101}^{(20)}m_{021}^{(22)}m_{220}^{(10)} + 2m_{101}^{(20)}m_{012}^{(00)}m_{130}^{(21)}\\
&-2m_{101}^{(20)}m_{012}^{(00)}m_{121}^{(11)} - 2m_{101}^{(20)}m_{012}^{(10)}m_{220}^{(21)} - 2m_{101}^{(20)}m_{012}^{(10)}m_{130}^{(20)} + 4m_{101}^{(20)}m_{012}^{(10)}m_{121}^{(10)}\\
&+2m_{101}^{(20)}m_{012}^{(11)}m_{220}^{(20)} - 2m_{101}^{(20)}m_{012}^{(11)}m_{121}^{(00)} + 2m_{101}^{(20)}m_{012}^{(20)}m_{220}^{(11)} - 2m_{101}^{(20)}m_{012}^{(20)}m_{130}^{(10)}\\
&-2m_{101}^{(20)}m_{012}^{(21)}m_{220}^{(10)} + 2m_{101}^{(20)}m_{012}^{(21)}m_{130}^{(00)} + 2m_{101}^{(21)}m_{210}^{(00)}m_{031}^{(22)} - 2m_{101}^{(21)}m_{210}^{(00)}m_{013}^{(11)}\\
&-2m_{101}^{(21)}m_{210}^{(10)}m_{121}^{(22)} - 2m_{101}^{(21)}m_{210}^{(10)}m_{112}^{(21)} + 4m_{101}^{(21)}m_{210}^{(10)}m_{013}^{(10)} + 2m_{101}^{(21)}m_{210}^{(11)}m_{112}^{(20)}\\
&-2m_{101}^{(21)}m_{210}^{(11)}m_{013}^{(00)} + 2m_{101}^{(21)}m_{210}^{(20)}m_{121}^{(21)} + 2m_{101}^{(21)}m_{210}^{(20)}m_{112}^{(11)} - 4m_{101}^{(21)}m_{210}^{(20)}m_{031}^{(20)}\\
&+2m_{101}^{(21)}m_{210}^{(21)}m_{121}^{(20)} - 2m_{101}^{(21)}m_{210}^{(21)}m_{112}^{(10)} - 2m_{101}^{(21)}m_{210}^{(22)}m_{121}^{(10)} + 2m_{101}^{(21)}m_{210}^{(22)}m_{031}^{(00)}\\
&-2m_{101}^{(21)}m_{201}^{(00)}m_{040}^{(22)} + 2m_{101}^{(21)}m_{201}^{(00)}m_{022}^{(11)} + 2m_{101}^{(21)}m_{201}^{(10)}m_{130}^{(22)} + 2m_{101}^{(21)}m_{201}^{(10)}m_{121}^{(21)}\\
&-4m_{101}^{(21)}m_{201}^{(10)}m_{022}^{(10)} - 2m_{101}^{(21)}m_{201}^{(11)}m_{121}^{(20)} + 2m_{101}^{(21)}m_{201}^{(11)}m_{022}^{(00)} - 2m_{101}^{(21)}m_{201}^{(20)}m_{130}^{(21)}\\
&-2m_{101}^{(21)}m_{201}^{(20)}m_{121}^{(11)} + 4m_{101}^{(21)}m_{201}^{(20)}m_{040}^{(20)} - 2m_{101}^{(21)}m_{201}^{(21)}m_{130}^{(20)} + 2m_{101}^{(21)}m_{201}^{(21)}m_{121}^{(10)}\\
&+2m_{101}^{(21)}m_{201}^{(22)}m_{130}^{(10)} - 2m_{101}^{(21)}m_{201}^{(22)}m_{040}^{(00)} - 4m_{101}^{(21)}m_{120}^{(00)}m_{121}^{(22)} + 2m_{101}^{(21)}m_{120}^{(00)}m_{112}^{(21)}\\
&+2m_{101}^{(21)}m_{120}^{(00)}m_{103}^{(11)} + 4m_{101}^{(21)}m_{120}^{(10)}m_{211}^{(22)} + 2m_{101}^{(21)}m_{120}^{(10)}m_{202}^{(21)} - 2m_{101}^{(21)}m_{120}^{(10)}m_{112}^{(20)}\\
&-4m_{101}^{(21)}m_{120}^{(10)}m_{103}^{(10)} - 2m_{101}^{(21)}m_{120}^{(11)}m_{202}^{(20)} + 2m_{101}^{(21)}m_{120}^{(11)}m_{103}^{(00)} - 4m_{101}^{(21)}m_{120}^{(20)}m_{211}^{(21)}\\
&-2m_{101}^{(21)}m_{120}^{(20)}m_{202}^{(11)} + 8m_{101}^{(21)}m_{120}^{(20)}m_{121}^{(20)} - 2m_{101}^{(21)}m_{120}^{(20)}m_{112}^{(10)} - 4m_{101}^{(21)}m_{120}^{(21)}m_{211}^{(20)}\\
&+2m_{101}^{(21)}m_{120}^{(21)}m_{202}^{(10)} + 2m_{101}^{(21)}m_{120}^{(21)}m_{112}^{(00)} + 4m_{101}^{(21)}m_{120}^{(22)}m_{211}^{(10)} - 4m_{101}^{(21)}m_{120}^{(22)}m_{121}^{(00)}\\
&+4m_{101}^{(21)}m_{111}^{(00)}m_{130}^{(22)} - 4m_{101}^{(21)}m_{111}^{(00)}m_{121}^{(21)} - 4m_{101}^{(21)}m_{111}^{(10)}m_{220}^{(22)} + 4m_{101}^{(21)}m_{111}^{(10)}m_{121}^{(20)}\\
&+4m_{101}^{(21)}m_{111}^{(20)}m_{220}^{(21)} - 8m_{101}^{(21)}m_{111}^{(20)}m_{130}^{(20)} + 4m_{101}^{(21)}m_{111}^{(20)}m_{121}^{(10)} + 4m_{101}^{(21)}m_{111}^{(21)}m_{220}^{(20)}\\
&-4m_{101}^{(21)}m_{111}^{(21)}m_{121}^{(00)} - 4m_{101}^{(21)}m_{111}^{(22)}m_{220}^{(10)} + 4m_{101}^{(21)}m_{111}^{(22)}m_{130}^{(00)} + 2m_{101}^{(21)}m_{102}^{(00)}m_{130}^{(21)}\\
&-2m_{101}^{(21)}m_{102}^{(00)}m_{121}^{(11)} - 2m_{101}^{(21)}m_{102}^{(10)}m_{220}^{(21)} - 2m_{101}^{(21)}m_{102}^{(10)}m_{130}^{(20)} + 4m_{101}^{(21)}m_{102}^{(10)}m_{121}^{(10)}\\
&+2m_{101}^{(21)}m_{102}^{(11)}m_{220}^{(20)} - 2m_{101}^{(21)}m_{102}^{(11)}m_{121}^{(00)} + 2m_{101}^{(21)}m_{102}^{(20)}m_{220}^{(11)} - 2m_{101}^{(21)}m_{102}^{(20)}m_{130}^{(10)}
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\begin{aligned}
&-2m_{101}^{(21)}m_{102}^{(21)}m_{220}^{(10)} + 2m_{101}^{(21)}m_{102}^{(21)}m_{130}^{(00)} + 2m_{101}^{(21)}m_{030}^{(00)}m_{211}^{(22)} - 2m_{101}^{(21)}m_{030}^{(00)}m_{202}^{(21)}\\
&-2m_{101}^{(21)}m_{030}^{(10)}m_{301}^{(22)} + 2m_{101}^{(21)}m_{030}^{(10)}m_{202}^{(20)} + 2m_{101}^{(21)}m_{030}^{(20)}m_{301}^{(21)} - 4m_{101}^{(21)}m_{030}^{(20)}m_{211}^{(20)}\\
&+2m_{101}^{(21)}m_{030}^{(20)}m_{202}^{(10)} + 2m_{101}^{(21)}m_{030}^{(21)}m_{301}^{(20)} - 2m_{101}^{(21)}m_{030}^{(21)}m_{202}^{(00)} - 2m_{101}^{(21)}m_{030}^{(22)}m_{301}^{(10)}\\
&+2m_{101}^{(21)}m_{030}^{(22)}m_{211}^{(00)} - 2m_{101}^{(21)}m_{021}^{(00)}m_{220}^{(22)} + 4m_{101}^{(21)}m_{021}^{(00)}m_{211}^{(21)} - 2m_{101}^{(21)}m_{021}^{(00)}m_{202}^{(11)}\\
&+2m_{101}^{(21)}m_{021}^{(10)}m_{310}^{(22)} - 2m_{101}^{(21)}m_{021}^{(10)}m_{301}^{(21)} - 4m_{101}^{(21)}m_{021}^{(10)}m_{211}^{(20)} + 4m_{101}^{(21)}m_{021}^{(10)}m_{202}^{(10)}\\
&+2m_{101}^{(21)}m_{021}^{(11)}m_{301}^{(20)} - 2m_{101}^{(21)}m_{021}^{(11)}m_{202}^{(00)} - 2m_{101}^{(21)}m_{021}^{(20)}m_{310}^{(21)} + 2m_{101}^{(21)}m_{021}^{(20)}m_{301}^{(11)}\\
&+4m_{101}^{(21)}m_{021}^{(20)}m_{220}^{(20)} - 4m_{101}^{(21)}m_{021}^{(20)}m_{211}^{(10)} - 2m_{101}^{(21)}m_{021}^{(21)}m_{310}^{(20)} - 2m_{101}^{(21)}m_{021}^{(21)}m_{301}^{(10)}\\
&+4m_{101}^{(21)}m_{021}^{(21)}m_{211}^{(00)} + 2m_{101}^{(21)}m_{021}^{(22)}m_{310}^{(10)} - 2m_{101}^{(21)}m_{021}^{(22)}m_{220}^{(00)} - 2m_{101}^{(21)}m_{012}^{(00)}m_{220}^{(21)}\\
&+2m_{101}^{(21)}m_{012}^{(00)}m_{211}^{(11)} + 2m_{101}^{(21)}m_{012}^{(10)}m_{310}^{(21)} + 2m_{101}^{(21)}m_{012}^{(10)}m_{220}^{(20)} - 4m_{101}^{(21)}m_{012}^{(10)}m_{211}^{(10)}\\
&-2m_{101}^{(21)}m_{012}^{(11)}m_{310}^{(20)} + 2m_{101}^{(21)}m_{012}^{(11)}m_{211}^{(00)} - 2m_{101}^{(21)}m_{012}^{(20)}m_{310}^{(11)} + 2m_{101}^{(21)}m_{012}^{(20)}m_{220}^{(10)}\\
&+2m_{101}^{(21)}m_{012}^{(21)}m_{310}^{(10)} - 2m_{101}^{(21)}m_{012}^{(21)}m_{220}^{(00)} - 2m_{101}^{(22)}m_{210}^{(00)}m_{031}^{(21)} + 2m_{101}^{(22)}m_{210}^{(00)}m_{022}^{(11)}\\
&+2m_{101}^{(22)}m_{210}^{(10)}m_{121}^{(21)} + 2m_{101}^{(22)}m_{210}^{(10)}m_{031}^{(20)} - 4m_{101}^{(22)}m_{210}^{(10)}m_{022}^{(10)} - 2m_{101}^{(22)}m_{210}^{(11)}m_{121}^{(20)}\\
&+2m_{101}^{(22)}m_{210}^{(11)}m_{022}^{(00)} - 2m_{101}^{(22)}m_{210}^{(20)}m_{121}^{(11)} + 2m_{101}^{(22)}m_{210}^{(20)}m_{031}^{(10)} + 2m_{101}^{(22)}m_{210}^{(21)}m_{121}^{(10)}\\
&-2m_{101}^{(22)}m_{210}^{(21)}m_{031}^{(00)} + 2m_{101}^{(22)}m_{201}^{(00)}m_{040}^{(21)} - 2m_{101}^{(22)}m_{201}^{(00)}m_{031}^{(11)} - 2m_{101}^{(22)}m_{201}^{(10)}m_{130}^{(21)}\\
&-2m_{101}^{(22)}m_{201}^{(10)}m_{040}^{(20)} + 4m_{101}^{(22)}m_{201}^{(10)}m_{031}^{(10)} + 2m_{101}^{(22)}m_{201}^{(11)}m_{130}^{(20)} - 2m_{101}^{(22)}m_{201}^{(11)}m_{031}^{(00)}\\
&+2m_{101}^{(22)}m_{201}^{(20)}m_{130}^{(11)} - 2m_{101}^{(22)}m_{201}^{(20)}m_{040}^{(10)} - 2m_{101}^{(22)}m_{201}^{(21)}m_{130}^{(10)} + 2m_{101}^{(22)}m_{201}^{(21)}m_{040}^{(00)}\\
&+4m_{101}^{(22)}m_{120}^{(00)}m_{121}^{(21)} - 4m_{101}^{(22)}m_{120}^{(00)}m_{112}^{(11)} - 4m_{101}^{(22)}m_{120}^{(10)}m_{211}^{(21)} - 4m_{101}^{(22)}m_{120}^{(10)}m_{121}^{(20)}\\
&+8m_{101}^{(22)}m_{120}^{(10)}m_{112}^{(10)} + 4m_{101}^{(22)}m_{120}^{(11)}m_{211}^{(20)} - 4m_{101}^{(22)}m_{120}^{(11)}m_{112}^{(00)} + 4m_{101}^{(22)}m_{120}^{(20)}m_{211}^{(11)}\\
&-4m_{101}^{(22)}m_{120}^{(20)}m_{121}^{(10)} - 4m_{101}^{(22)}m_{120}^{(21)}m_{211}^{(10)} + 4m_{101}^{(22)}m_{120}^{(21)}m_{121}^{(00)} - 4m_{101}^{(22)}m_{111}^{(00)}m_{130}^{(21)}\\
&+4m_{101}^{(22)}m_{111}^{(00)}m_{121}^{(11)} + 4m_{101}^{(22)}m_{111}^{(10)}m_{220}^{(21)} + 4m_{101}^{(22)}m_{111}^{(10)}m_{130}^{(20)} - 8m_{101}^{(22)}m_{111}^{(10)}m_{121}^{(10)}\\
&-4m_{101}^{(22)}m_{111}^{(11)}m_{220}^{(20)} + 4m_{101}^{(22)}m_{111}^{(11)}m_{121}^{(00)} - 4m_{101}^{(22)}m_{111}^{(20)}m_{220}^{(11)} + 4m_{101}^{(22)}m_{111}^{(20)}m_{130}^{(10)}\\
&+4m_{101}^{(22)}m_{111}^{(21)}m_{220}^{(10)} - 4m_{101}^{(22)}m_{111}^{(21)}m_{130}^{(00)} - 2m_{101}^{(22)}m_{030}^{(00)}m_{211}^{(21)} + 2m_{101}^{(22)}m_{030}^{(00)}m_{202}^{(11)}\\
&+2m_{101}^{(22)}m_{030}^{(10)}m_{301}^{(21)} + 2m_{101}^{(22)}m_{030}^{(10)}m_{211}^{(20)} - 4m_{101}^{(22)}m_{030}^{(10)}m_{202}^{(10)} - 2m_{101}^{(22)}m_{030}^{(11)}m_{301}^{(20)}\\
&+2m_{101}^{(22)}m_{030}^{(11)}m_{202}^{(00)} - 2m_{101}^{(22)}m_{030}^{(20)}m_{301}^{(11)} + 2m_{101}^{(22)}m_{030}^{(20)}m_{211}^{(10)} + 2m_{101}^{(22)}m_{030}^{(21)}m_{301}^{(10)}\\
&-2m_{101}^{(22)}m_{030}^{(21)}m_{211}^{(00)} + 2m_{101}^{(22)}m_{021}^{(00)}m_{220}^{(21)} - 2m_{101}^{(22)}m_{021}^{(00)}m_{211}^{(11)} - 2m_{101}^{(22)}m_{021}^{(10)}m_{310}^{(21)}\\
&-2m_{101}^{(22)}m_{021}^{(10)}m_{220}^{(20)} + 4m_{101}^{(22)}m_{021}^{(10)}m_{211}^{(10)} + 2m_{101}^{(22)}m_{021}^{(11)}m_{310}^{(20)} - 2m_{101}^{(22)}m_{021}^{(11)}m_{211}^{(00)}\\
&+2m_{101}^{(22)}m_{021}^{(20)}m_{310}^{(11)} - 2m_{101}^{(22)}m_{021}^{(20)}m_{220}^{(10)} - 2m_{101}^{(22)}m_{021}^{(21)}m_{310}^{(10)} + 2m_{101}^{(22)}m_{021}^{(21)}m_{220}^{(00)}\\
&-m_{020}^{(00)}m_{210}^{(10)}m_{013}^{(22)} + m_{020}^{(00)}m_{210}^{(10)}m_{004}^{(21)} + m_{020}^{(00)}m_{210}^{(11)}m_{103}^{(22)} - m_{020}^{(00)}m_{210}^{(11)}m_{004}^{(20)}\\
&+m_{020}^{(00)}m_{210}^{(20)}m_{013}^{(21)} - m_{020}^{(00)}m_{210}^{(20)}m_{004}^{(11)} - 2m_{020}^{(00)}m_{210}^{(21)}m_{103}^{(21)} + m_{020}^{(00)}m_{210}^{(21)}m_{013}^{(20)}\\
&+m_{020}^{(00)}m_{210}^{(21)}m_{004}^{(10)} + m_{020}^{(00)}m_{210}^{(22)}m_{103}^{(11)} - m_{020}^{(00)}m_{210}^{(22)}m_{013}^{(10)} + m_{020}^{(00)}m_{201}^{(10)}m_{022}^{(22)}\\
&-m_{020}^{(00)}m_{201}^{(10)}m_{013}^{(21)} - m_{020}^{(00)}m_{201}^{(11)}m_{112}^{(22)} + m_{020}^{(00)}m_{201}^{(11)}m_{013}^{(20)} - m_{020}^{(00)}m_{201}^{(20)}m_{022}^{(21)}\\
&+m_{020}^{(00)}m_{201}^{(20)}m_{013}^{(11)} + 2m_{020}^{(00)}m_{201}^{(21)}m_{112}^{(21)} - m_{020}^{(00)}m_{201}^{(21)}m_{022}^{(20)} - m_{020}^{(00)}m_{201}^{(21)}m_{013}^{(10)}\\
&-m_{020}^{(00)}m_{201}^{(22)}m_{112}^{(11)} + m_{020}^{(00)}m_{201}^{(22)}m_{022}^{(10)} + 2m_{020}^{(00)}m_{111}^{(10)}m_{112}^{(22)} - 2m_{020}^{(00)}m_{111}^{(10)}m_{103}^{(21)}\\
&-2m_{020}^{(00)}m_{111}^{(11)}m_{202}^{(22)} + 2m_{020}^{(00)}m_{111}^{(11)}m_{103}^{(20)} - 2m_{020}^{(00)}m_{111}^{(20)}m_{112}^{(21)} + 2m_{020}^{(00)}m_{111}^{(20)}m_{103}^{(11)}\\
&+4m_{020}^{(00)}m_{111}^{(21)}m_{202}^{(21)} - 2m_{020}^{(00)}m_{111}^{(21)}m_{112}^{(20)} - 2m_{020}^{(00)}m_{111}^{(21)}m_{103}^{(10)} - 2m_{020}^{(00)}m_{111}^{(22)}m_{202}^{(11)}\\
&+2m_{020}^{(00)}m_{111}^{(22)}m_{112}^{(10)} - 2m_{020}^{(00)}m_{102}^{(10)}m_{121}^{(22)} + 2m_{020}^{(00)}m_{102}^{(10)}m_{112}^{(21)} + 2m_{020}^{(00)}m_{102}^{(10)}m_{211}^{(22)}\\
&-2m_{020}^{(00)}m_{102}^{(11)}m_{112}^{(20)} + 2m_{020}^{(00)}m_{102}^{(20)}m_{121}^{(21)} - 2m_{020}^{(00)}m_{102}^{(20)}m_{112}^{(11)} - 4m_{020}^{(00)}m_{102}^{(21)}m_{211}^{(21)}\\
&+2m_{020}^{(00)}m_{102}^{(21)}m_{121}^{(20)} + 2m_{020}^{(00)}m_{102}^{(21)}m_{112}^{(10)} + 2m_{020}^{(00)}m_{102}^{(22)}m_{211}^{(11)} - 2m_{020}^{(00)}m_{102}^{(22)}m_{121}^{(10)}
\end{aligned}
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\begin{aligned}
&-m_{020}^{(00)}m_{012}^{(10)}m_{211}^{(22)}+m_{020}^{(00)}m_{012}^{(10)}m_{202}^{(21)}+m_{020}^{(00)}m_{012}^{(11)}m_{301}^{(22)}-m_{020}^{(00)}m_{012}^{(11)}m_{202}^{(20)}\\
&+m_{020}^{(00)}m_{012}^{(20)}m_{211}^{(21)}-m_{020}^{(00)}m_{012}^{(20)}m_{202}^{(11)}-2m_{020}^{(00)}m_{012}^{(21)}m_{301}^{(21)}+m_{020}^{(00)}m_{012}^{(21)}m_{211}^{(20)}\\
&+m_{020}^{(00)}m_{012}^{(21)}m_{202}^{(10)}+m_{020}^{(00)}m_{012}^{(22)}m_{301}^{(11)}-m_{020}^{(00)}m_{012}^{(22)}m_{211}^{(10)}+m_{020}^{(00)}m_{003}^{(10)}m_{220}^{(22)}\\
&-m_{020}^{(00)}m_{003}^{(10)}m_{211}^{(21)}-m_{020}^{(00)}m_{003}^{(11)}m_{310}^{(22)}+m_{020}^{(00)}m_{003}^{(11)}m_{211}^{(20)}-m_{020}^{(00)}m_{003}^{(20)}m_{220}^{(21)}\\
&+m_{020}^{(00)}m_{003}^{(20)}m_{211}^{(11)}+2m_{020}^{(00)}m_{003}^{(21)}m_{310}^{(21)}-m_{020}^{(00)}m_{003}^{(21)}m_{220}^{(20)}-m_{020}^{(00)}m_{003}^{(21)}m_{211}^{(10)}\\
&-m_{020}^{(00)}m_{003}^{(22)}m_{310}^{(11)}+m_{020}^{(00)}m_{003}^{(22)}m_{220}^{(10)}+m_{020}^{(10)}m_{300}^{(10)}m_{013}^{(22)}-m_{020}^{(10)}m_{300}^{(10)}m_{004}^{(21)}\\
&-m_{020}^{(10)}m_{300}^{(11)}m_{103}^{(22)}+m_{020}^{(10)}m_{300}^{(11)}m_{004}^{(20)}-m_{020}^{(10)}m_{300}^{(20)}m_{013}^{(21)}+m_{020}^{(10)}m_{300}^{(20)}m_{004}^{(11)}\\
&+2m_{020}^{(10)}m_{300}^{(21)}m_{103}^{(21)}-m_{020}^{(10)}m_{300}^{(21)}m_{013}^{(20)}-m_{020}^{(10)}m_{300}^{(21)}m_{004}^{(10)}-m_{020}^{(10)}m_{300}^{(22)}m_{103}^{(11)}\\
&+m_{020}^{(10)}m_{300}^{(22)}m_{013}^{(10)}+m_{020}^{(10)}m_{210}^{(00)}m_{013}^{(22)}-m_{020}^{(10)}m_{210}^{(00)}m_{004}^{(21)}-m_{020}^{(10)}m_{210}^{(10)}m_{103}^{(22)}\\
&+m_{020}^{(10)}m_{210}^{(10)}m_{004}^{(20)}+m_{020}^{(10)}m_{210}^{(20)}m_{103}^{(21)}-2m_{020}^{(10)}m_{210}^{(20)}m_{013}^{(20)}+m_{020}^{(10)}m_{210}^{(20)}m_{004}^{(10)}\\
&+m_{020}^{(10)}m_{210}^{(21)}m_{103}^{(20)}-m_{020}^{(10)}m_{210}^{(21)}m_{004}^{(00)}-m_{020}^{(10)}m_{210}^{(22)}m_{103}^{(10)}+m_{020}^{(10)}m_{210}^{(22)}m_{013}^{(00)}\\
&-m_{020}^{(10)}m_{201}^{(00)}m_{022}^{(22)}+m_{020}^{(10)}m_{201}^{(00)}m_{013}^{(21)}-2m_{020}^{(10)}m_{201}^{(10)}m_{112}^{(22)}+3m_{020}^{(10)}m_{201}^{(10)}m_{103}^{(21)}\\
&-m_{020}^{(10)}m_{201}^{(10)}m_{013}^{(20)}+3m_{020}^{(10)}m_{201}^{(11)}m_{202}^{(22)}-3m_{020}^{(10)}m_{201}^{(11)}m_{103}^{(20)}+2m_{020}^{(10)}m_{201}^{(20)}m_{112}^{(21)}\\
&-3m_{020}^{(10)}m_{201}^{(20)}m_{103}^{(11)}+2m_{020}^{(10)}m_{201}^{(20)}m_{022}^{(20)}-m_{020}^{(10)}m_{201}^{(20)}m_{013}^{(10)}-6m_{020}^{(10)}m_{201}^{(21)}m_{202}^{(21)}\\
&+2m_{020}^{(10)}m_{201}^{(21)}m_{112}^{(20)}+3m_{020}^{(10)}m_{201}^{(21)}m_{103}^{(10)}+m_{020}^{(10)}m_{201}^{(21)}m_{013}^{(00)}+3m_{020}^{(10)}m_{201}^{(22)}m_{202}^{(11)}\\
&-2m_{020}^{(10)}m_{201}^{(22)}m_{112}^{(10)}-m_{020}^{(10)}m_{201}^{(22)}m_{022}^{(00)}-2m_{020}^{(10)}m_{111}^{(00)}m_{112}^{(22)}+2m_{020}^{(10)}m_{111}^{(00)}m_{103}^{(21)}\\
&+2m_{020}^{(10)}m_{111}^{(10)}m_{202}^{(22)}-2m_{020}^{(10)}m_{111}^{(10)}m_{103}^{(20)}-2m_{020}^{(10)}m_{111}^{(20)}m_{202}^{(21)}+4m_{020}^{(10)}m_{111}^{(20)}m_{112}^{(20)}\\
&-2m_{020}^{(10)}m_{111}^{(20)}m_{103}^{(10)}-2m_{020}^{(10)}m_{111}^{(21)}m_{202}^{(20)}+2m_{020}^{(10)}m_{111}^{(21)}m_{103}^{(00)}+2m_{020}^{(10)}m_{111}^{(22)}m_{202}^{(10)}\\
&-2m_{020}^{(10)}m_{111}^{(22)}m_{112}^{(00)}+2m_{020}^{(10)}m_{102}^{(00)}m_{121}^{(22)}-2m_{020}^{(10)}m_{102}^{(00)}m_{112}^{(21)}+m_{020}^{(10)}m_{102}^{(10)}m_{211}^{(22)}\\
&-3m_{020}^{(10)}m_{102}^{(10)}m_{202}^{(21)}+2m_{020}^{(10)}m_{102}^{(10)}m_{112}^{(20)}-3m_{020}^{(10)}m_{102}^{(11)}m_{301}^{(22)}+3m_{020}^{(10)}m_{102}^{(11)}m_{202}^{(20)}\\
&-m_{020}^{(10)}m_{102}^{(20)}m_{211}^{(21)}+3m_{020}^{(10)}m_{102}^{(20)}m_{202}^{(11)}-4m_{020}^{(10)}m_{102}^{(20)}m_{121}^{(20)}+2m_{020}^{(10)}m_{102}^{(20)}m_{112}^{(10)}\\
&+6m_{020}^{(10)}m_{102}^{(21)}m_{301}^{(21)}-m_{020}^{(10)}m_{102}^{(21)}m_{211}^{(20)}-3m_{020}^{(10)}m_{102}^{(21)}m_{202}^{(10)}-2m_{020}^{(10)}m_{102}^{(21)}m_{112}^{(00)}\\
&-3m_{020}^{(10)}m_{102}^{(22)}m_{301}^{(11)}+m_{020}^{(10)}m_{102}^{(22)}m_{211}^{(10)}+2m_{020}^{(10)}m_{102}^{(22)}m_{121}^{(00)}+m_{020}^{(10)}m_{012}^{(00)}m_{211}^{(22)}\\
&-m_{020}^{(10)}m_{012}^{(00)}m_{202}^{(21)}-m_{020}^{(10)}m_{012}^{(10)}m_{301}^{(22)}+m_{020}^{(10)}m_{012}^{(10)}m_{202}^{(20)}+m_{020}^{(10)}m_{012}^{(20)}m_{301}^{(21)}\\
&-2m_{020}^{(10)}m_{012}^{(20)}m_{211}^{(20)}+m_{020}^{(10)}m_{012}^{(20)}m_{202}^{(10)}+m_{020}^{(10)}m_{012}^{(21)}m_{301}^{(20)}-m_{020}^{(10)}m_{012}^{(21)}m_{202}^{(00)}\\
&-m_{020}^{(10)}m_{012}^{(22)}m_{301}^{(10)}+m_{020}^{(10)}m_{012}^{(22)}m_{211}^{(00)}-m_{020}^{(10)}m_{003}^{(00)}m_{220}^{(22)}+m_{020}^{(10)}m_{003}^{(00)}m_{211}^{(21)}\\
&+m_{020}^{(10)}m_{003}^{(10)}m_{301}^{(21)}-m_{020}^{(10)}m_{003}^{(10)}m_{211}^{(20)}+m_{020}^{(10)}m_{003}^{(11)}m_{400}^{(22)}-m_{020}^{(10)}m_{003}^{(11)}m_{301}^{(20)}\\
&-m_{020}^{(10)}m_{003}^{(20)}m_{301}^{(11)}+2m_{020}^{(10)}m_{003}^{(20)}m_{220}^{(20)}-m_{020}^{(10)}m_{003}^{(20)}m_{211}^{(10)}-2m_{020}^{(10)}m_{003}^{(21)}m_{400}^{(21)}\\
&+m_{020}^{(10)}m_{003}^{(21)}m_{301}^{(10)}+m_{020}^{(10)}m_{003}^{(21)}m_{211}^{(00)}+m_{020}^{(10)}m_{003}^{(22)}m_{400}^{(11)}-m_{020}^{(10)}m_{003}^{(22)}m_{220}^{(00)}\\
&-m_{020}^{(11)}m_{300}^{(00)}m_{013}^{(22)}+m_{020}^{(11)}m_{300}^{(00)}m_{004}^{(21)}+m_{020}^{(11)}m_{300}^{(10)}m_{103}^{(22)}-m_{020}^{(11)}m_{300}^{(10)}m_{004}^{(20)}\\
&-m_{020}^{(11)}m_{300}^{(20)}m_{103}^{(21)}+2m_{020}^{(11)}m_{300}^{(20)}m_{013}^{(20)}-m_{020}^{(11)}m_{300}^{(20)}m_{004}^{(10)}-m_{020}^{(11)}m_{300}^{(21)}m_{103}^{(20)}\\
&+m_{020}^{(11)}m_{300}^{(21)}m_{004}^{(00)}+m_{020}^{(11)}m_{300}^{(22)}m_{103}^{(10)}-m_{020}^{(11)}m_{300}^{(22)}m_{013}^{(00)}+3m_{020}^{(11)}m_{201}^{(00)}m_{112}^{(22)}\\
&-3m_{020}^{(11)}m_{201}^{(00)}m_{103}^{(21)}-3m_{020}^{(11)}m_{201}^{(10)}m_{202}^{(22)}+3m_{020}^{(11)}m_{201}^{(10)}m_{103}^{(20)}+3m_{020}^{(11)}m_{201}^{(20)}m_{202}^{(21)}\\
&-6m_{020}^{(11)}m_{201}^{(20)}m_{112}^{(20)}+3m_{020}^{(11)}m_{201}^{(20)}m_{103}^{(10)}+3m_{020}^{(11)}m_{201}^{(21)}m_{202}^{(20)}-3m_{020}^{(11)}m_{201}^{(21)}m_{103}^{(00)}\\
&-3m_{020}^{(11)}m_{201}^{(22)}m_{202}^{(10)}+3m_{020}^{(11)}m_{201}^{(22)}m_{112}^{(00)}-3m_{020}^{(11)}m_{102}^{(00)}m_{211}^{(22)}+3m_{020}^{(11)}m_{102}^{(00)}m_{202}^{(21)}\\
&+3m_{020}^{(11)}m_{102}^{(10)}m_{301}^{(22)}-3m_{020}^{(11)}m_{102}^{(10)}m_{202}^{(20)}-3m_{020}^{(11)}m_{102}^{(20)}m_{301}^{(21)}+6m_{020}^{(11)}m_{102}^{(20)}m_{211}^{(20)}\\
&-3m_{020}^{(11)}m_{102}^{(20)}m_{202}^{(10)}-3m_{020}^{(11)}m_{102}^{(21)}m_{301}^{(20)}+3m_{020}^{(11)}m_{102}^{(21)}m_{202}^{(00)}+3m_{020}^{(11)}m_{102}^{(22)}m_{301}^{(10)}\\
&-3m_{020}^{(11)}m_{102}^{(22)}m_{211}^{(00)}+m_{020}^{(11)}m_{003}^{(00)}m_{310}^{(22)}-m_{020}^{(11)}m_{003}^{(00)}m_{301}^{(21)}-m_{020}^{(11)}m_{003}^{(10)}m_{400}^{(22)}
\end{aligned}
$$

$$+m_{020}^{(11)}m_{003}^{(10)}m_{301}^{(20)}+m_{020}^{(11)}m_{003}^{(20)}m_{400}^{(21)}-2m_{020}^{(11)}m_{003}^{(20)}m_{310}^{(20)}+m_{020}^{(11)}m_{003}^{(20)}m_{301}^{(10)}$$
$$+m_{020}^{(11)}m_{003}^{(21)}m_{400}^{(20)}-m_{020}^{(11)}m_{003}^{(21)}m_{301}^{(00)}-m_{020}^{(11)}m_{003}^{(22)}m_{400}^{(10)}+m_{020}^{(11)}m_{003}^{(22)}m_{310}^{(00)}$$
$$-m_{020}^{(20)}m_{300}^{(10)}m_{022}^{(22)}+m_{020}^{(20)}m_{300}^{(10)}m_{013}^{(21)}+m_{020}^{(20)}m_{300}^{(11)}m_{112}^{(22)}-m_{020}^{(20)}m_{300}^{(11)}m_{013}^{(20)}$$
$$+m_{020}^{(20)}m_{300}^{(20)}m_{022}^{(21)}-m_{020}^{(20)}m_{300}^{(20)}m_{013}^{(11)}-2m_{020}^{(20)}m_{300}^{(21)}m_{112}^{(21)}+m_{020}^{(20)}m_{300}^{(21)}m_{022}^{(20)}$$
$$+m_{020}^{(20)}m_{300}^{(21)}m_{013}^{(10)}+m_{020}^{(20)}m_{300}^{(22)}m_{112}^{(11)}-m_{020}^{(20)}m_{300}^{(22)}m_{022}^{(10)}-m_{020}^{(20)}m_{210}^{(00)}m_{013}^{(21)}$$
$$+m_{020}^{(20)}m_{210}^{(00)}m_{004}^{(11)}+m_{020}^{(20)}m_{210}^{(10)}m_{112}^{(22)}+m_{020}^{(20)}m_{210}^{(10)}m_{013}^{(20)}-2m_{020}^{(20)}m_{210}^{(10)}m_{004}^{(10)}$$
$$-m_{020}^{(20)}m_{210}^{(11)}m_{202}^{(22)}+m_{020}^{(20)}m_{210}^{(11)}m_{004}^{(00)}-m_{020}^{(20)}m_{210}^{(20)}m_{112}^{(21)}+m_{020}^{(20)}m_{210}^{(20)}m_{013}^{(10)}$$
$$+2m_{020}^{(20)}m_{210}^{(21)}m_{202}^{(21)}-m_{020}^{(20)}m_{210}^{(21)}m_{112}^{(20)}-m_{020}^{(20)}m_{210}^{(21)}m_{013}^{(00)}-m_{020}^{(20)}m_{210}^{(22)}m_{202}^{(11)}$$
$$+m_{020}^{(20)}m_{210}^{(22)}m_{112}^{(10)}+m_{020}^{(20)}m_{201}^{(00)}m_{022}^{(21)}-m_{020}^{(20)}m_{201}^{(00)}m_{013}^{(11)}+2m_{020}^{(20)}m_{201}^{(10)}m_{121}^{(22)}$$
$$-3m_{020}^{(20)}m_{201}^{(10)}m_{112}^{(21)}-m_{020}^{(20)}m_{201}^{(10)}m_{022}^{(20)}+2m_{020}^{(20)}m_{201}^{(10)}m_{013}^{(10)}-2m_{020}^{(20)}m_{201}^{(11)}m_{211}^{(22)}$$
$$+3m_{020}^{(20)}m_{201}^{(11)}m_{112}^{(20)}-m_{020}^{(20)}m_{201}^{(11)}m_{013}^{(00)}-2m_{020}^{(20)}m_{201}^{(20)}m_{121}^{(21)}+3m_{020}^{(20)}m_{201}^{(20)}m_{112}^{(11)}$$
$$-m_{020}^{(20)}m_{201}^{(20)}m_{022}^{(10)}+4m_{020}^{(20)}m_{201}^{(21)}m_{211}^{(21)}-2m_{020}^{(20)}m_{201}^{(21)}m_{121}^{(20)}-3m_{020}^{(20)}m_{201}^{(21)}m_{112}^{(10)}$$
$$+m_{020}^{(20)}m_{201}^{(21)}m_{022}^{(00)}-2m_{020}^{(20)}m_{201}^{(22)}m_{211}^{(11)}+2m_{020}^{(20)}m_{201}^{(22)}m_{121}^{(10)}+2m_{020}^{(20)}m_{111}^{(00)}m_{112}^{(21)}$$
$$-2m_{020}^{(20)}m_{111}^{(00)}m_{103}^{(11)}-2m_{020}^{(20)}m_{111}^{(10)}m_{211}^{(22)}-2m_{020}^{(20)}m_{111}^{(10)}m_{112}^{(20)}+4m_{020}^{(20)}m_{111}^{(10)}m_{103}^{(10)}$$
$$+2m_{020}^{(20)}m_{111}^{(11)}m_{301}^{(22)}-2m_{020}^{(20)}m_{111}^{(11)}m_{103}^{(00)}+2m_{020}^{(20)}m_{111}^{(20)}m_{211}^{(21)}-2m_{020}^{(20)}m_{111}^{(20)}m_{112}^{(10)}$$
$$-4m_{020}^{(20)}m_{111}^{(21)}m_{301}^{(21)}+2m_{020}^{(20)}m_{111}^{(21)}m_{211}^{(20)}+2m_{020}^{(20)}m_{111}^{(21)}m_{112}^{(00)}+2m_{020}^{(20)}m_{111}^{(22)}m_{301}^{(11)}$$
$$-2m_{020}^{(20)}m_{111}^{(22)}m_{211}^{(10)}-2m_{020}^{(20)}m_{102}^{(00)}m_{121}^{(21)}+2m_{020}^{(20)}m_{102}^{(00)}m_{112}^{(11)}-m_{020}^{(20)}m_{102}^{(10)}m_{102}^{(22)}$$
$$+3m_{020}^{(20)}m_{102}^{(10)}m_{211}^{(21)}+2m_{020}^{(20)}m_{102}^{(10)}m_{121}^{(20)}-4m_{020}^{(20)}m_{102}^{(10)}m_{112}^{(10)}+m_{020}^{(20)}m_{102}^{(11)}m_{310}^{(22)}$$
$$-3m_{020}^{(20)}m_{102}^{(11)}m_{211}^{(20)}+2m_{020}^{(20)}m_{102}^{(11)}m_{112}^{(00)}+m_{020}^{(20)}m_{102}^{(20)}m_{220}^{(21)}-3m_{020}^{(20)}m_{102}^{(20)}m_{211}^{(11)}$$
$$+2m_{020}^{(20)}m_{102}^{(20)}m_{121}^{(10)}-2m_{020}^{(20)}m_{102}^{(21)}m_{310}^{(21)}+m_{020}^{(20)}m_{102}^{(21)}m_{220}^{(20)}+3m_{020}^{(20)}m_{102}^{(21)}m_{211}^{(10)}$$
$$-2m_{020}^{(20)}m_{102}^{(21)}m_{121}^{(00)}+m_{020}^{(20)}m_{102}^{(22)}m_{310}^{(11)}-m_{020}^{(20)}m_{102}^{(22)}m_{220}^{(10)}-m_{020}^{(20)}m_{012}^{(00)}m_{211}^{(21)}$$
$$+m_{020}^{(20)}m_{012}^{(00)}m_{202}^{(11)}+m_{020}^{(20)}m_{012}^{(10)}m_{310}^{(22)}+m_{020}^{(20)}m_{012}^{(10)}m_{211}^{(20)}-2m_{020}^{(20)}m_{012}^{(10)}m_{202}^{(10)}$$
$$-m_{020}^{(20)}m_{012}^{(11)}m_{400}^{(22)}+m_{020}^{(20)}m_{012}^{(11)}m_{202}^{(00)}-m_{020}^{(20)}m_{012}^{(20)}m_{310}^{(21)}+m_{020}^{(20)}m_{012}^{(20)}m_{211}^{(10)}$$
$$+2m_{020}^{(20)}m_{012}^{(21)}m_{400}^{(21)}-m_{020}^{(20)}m_{012}^{(21)}m_{310}^{(20)}-m_{020}^{(20)}m_{012}^{(21)}m_{211}^{(00)}-m_{020}^{(20)}m_{012}^{(22)}m_{400}^{(11)}$$
$$+m_{020}^{(20)}m_{012}^{(22)}m_{310}^{(10)}+m_{020}^{(20)}m_{003}^{(00)}m_{220}^{(21)}-m_{020}^{(20)}m_{003}^{(00)}m_{211}^{(11)}-m_{020}^{(20)}m_{003}^{(10)}m_{310}^{(21)}$$
$$-m_{020}^{(20)}m_{003}^{(10)}m_{220}^{(20)}+2m_{020}^{(20)}m_{003}^{(10)}m_{211}^{(10)}+m_{020}^{(20)}m_{003}^{(11)}m_{310}^{(20)}-m_{020}^{(20)}m_{003}^{(11)}m_{211}^{(00)}$$
$$+m_{020}^{(20)}m_{003}^{(20)}m_{310}^{(11)}-m_{020}^{(20)}m_{003}^{(20)}m_{220}^{(10)}-m_{020}^{(20)}m_{003}^{(21)}m_{310}^{(10)}+m_{020}^{(20)}m_{003}^{(21)}m_{220}^{(00)}$$
$$+m_{020}^{(21)}m_{300}^{(00)}m_{022}^{(22)}-m_{020}^{(21)}m_{300}^{(00)}m_{004}^{(11)}-m_{020}^{(21)}m_{300}^{(10)}m_{112}^{(22)}-m_{020}^{(21)}m_{300}^{(10)}m_{103}^{(21)}$$
$$+2m_{020}^{(21)}m_{300}^{(10)}m_{004}^{(10)}+m_{020}^{(21)}m_{300}^{(11)}m_{103}^{(20)}-m_{020}^{(21)}m_{300}^{(11)}m_{004}^{(00)}+m_{020}^{(21)}m_{300}^{(20)}m_{112}^{(21)}$$
$$+m_{020}^{(21)}m_{300}^{(20)}m_{103}^{(11)}-2m_{020}^{(21)}m_{300}^{(20)}m_{022}^{(20)}+m_{020}^{(21)}m_{300}^{(21)}m_{112}^{(20)}-m_{020}^{(21)}m_{300}^{(21)}m_{103}^{(10)}$$
$$-m_{020}^{(21)}m_{300}^{(22)}m_{112}^{(10)}+m_{020}^{(21)}m_{300}^{(22)}m_{022}^{(00)}-m_{020}^{(21)}m_{210}^{(00)}m_{112}^{(22)}+m_{020}^{(21)}m_{210}^{(00)}m_{103}^{(21)}$$
$$+m_{020}^{(21)}m_{210}^{(10)}m_{202}^{(22)}-m_{020}^{(21)}m_{210}^{(10)}m_{103}^{(20)}-m_{020}^{(21)}m_{210}^{(20)}m_{202}^{(21)}+2m_{020}^{(21)}m_{210}^{(20)}m_{112}^{(20)}$$
$$-m_{020}^{(21)}m_{210}^{(20)}m_{103}^{(10)}-m_{020}^{(21)}m_{210}^{(21)}m_{202}^{(20)}+m_{020}^{(21)}m_{210}^{(21)}m_{103}^{(00)}+m_{020}^{(21)}m_{210}^{(22)}m_{202}^{(10)}$$
$$-m_{020}^{(21)}m_{210}^{(22)}m_{112}^{(00)}-2m_{020}^{(21)}m_{201}^{(00)}m_{121}^{(22)}-m_{020}^{(21)}m_{201}^{(00)}m_{112}^{(21)}+3m_{020}^{(21)}m_{201}^{(00)}m_{103}^{(11)}$$
$$+2m_{020}^{(21)}m_{201}^{(10)}m_{211}^{(22)}+3m_{020}^{(21)}m_{201}^{(10)}m_{202}^{(21)}+m_{020}^{(21)}m_{201}^{(10)}m_{112}^{(20)}-6m_{020}^{(21)}m_{201}^{(10)}m_{103}^{(10)}$$
$$-3m_{020}^{(21)}m_{201}^{(11)}m_{202}^{(20)}+3m_{020}^{(21)}m_{201}^{(11)}m_{103}^{(00)}-2m_{020}^{(21)}m_{201}^{(20)}m_{211}^{(21)}-3m_{020}^{(21)}m_{201}^{(20)}m_{202}^{(11)}$$
$$+4m_{020}^{(21)}m_{201}^{(20)}m_{121}^{(20)}+m_{020}^{(21)}m_{201}^{(20)}m_{112}^{(10)}-2m_{020}^{(21)}m_{201}^{(21)}m_{211}^{(20)}+3m_{020}^{(21)}m_{201}^{(21)}m_{202}^{(10)}$$
$$-m_{020}^{(21)}m_{201}^{(21)}m_{112}^{(00)}+2m_{020}^{(21)}m_{201}^{(22)}m_{211}^{(10)}-2m_{020}^{(21)}m_{201}^{(22)}m_{121}^{(00)}+2m_{020}^{(21)}m_{111}^{(00)}m_{211}^{(22)}$$

$$
\begin{aligned}
&-2m_{020}^{(21)}m_{111}^{(00)}m_{202}^{(21)} - 2m_{020}^{(21)}m_{111}^{(10)}m_{301}^{(22)} + 2m_{020}^{(21)}m_{111}^{(10)}m_{202}^{(20)} + 2m_{020}^{(21)}m_{111}^{(20)}m_{301}^{(21)}\\
&-4m_{020}^{(21)}m_{111}^{(20)}m_{211}^{(20)} + 2m_{020}^{(21)}m_{111}^{(20)}m_{202}^{(10)} + 2m_{020}^{(21)}m_{111}^{(21)}m_{301}^{(20)} - 2m_{020}^{(21)}m_{111}^{(21)}m_{202}^{(00)}\\
&-2m_{020}^{(21)}m_{111}^{(22)}m_{301}^{(10)} + 2m_{020}^{(21)}m_{111}^{(22)}m_{211}^{(00)} + m_{020}^{(21)}m_{102}^{(00)}m_{220}^{(22)} + 2m_{020}^{(21)}m_{102}^{(00)}m_{211}^{(21)}\\
&-3m_{020}^{(21)}m_{102}^{(00)}m_{202}^{(11)} - m_{020}^{(21)}m_{102}^{(10)}m_{310}^{(22)} - 3m_{020}^{(21)}m_{102}^{(10)}m_{301}^{(21)} - 2m_{020}^{(21)}m_{102}^{(10)}m_{211}^{(20)}\\
&+6m_{020}^{(21)}m_{102}^{(10)}m_{202}^{(10)} + 3m_{020}^{(21)}m_{102}^{(11)}m_{301}^{(20)} - 3m_{020}^{(21)}m_{102}^{(11)}m_{202}^{(00)} + m_{020}^{(21)}m_{102}^{(20)}m_{310}^{(21)}\\
&+3m_{020}^{(21)}m_{102}^{(20)}m_{301}^{(11)} - 2m_{020}^{(21)}m_{102}^{(20)}m_{220}^{(20)} - 2m_{020}^{(21)}m_{102}^{(20)}m_{211}^{(10)} + m_{020}^{(21)}m_{102}^{(21)}m_{310}^{(20)}\\
&-3m_{020}^{(21)}m_{102}^{(21)}m_{301}^{(10)} + 2m_{020}^{(21)}m_{102}^{(21)}m_{211}^{(00)} - m_{020}^{(21)}m_{102}^{(22)}m_{310}^{(10)} + m_{020}^{(21)}m_{102}^{(22)}m_{220}^{(00)}\\
&-m_{020}^{(21)}m_{012}^{(00)}m_{310}^{(22)} + m_{020}^{(21)}m_{012}^{(00)}m_{301}^{(21)} + m_{020}^{(21)}m_{012}^{(10)}m_{400}^{(22)} - m_{020}^{(21)}m_{012}^{(10)}m_{301}^{(20)}\\
&-m_{020}^{(21)}m_{012}^{(20)}m_{400}^{(21)} + 2m_{020}^{(21)}m_{012}^{(20)}m_{310}^{(20)} - m_{020}^{(21)}m_{012}^{(20)}m_{301}^{(10)} - m_{020}^{(21)}m_{012}^{(21)}m_{400}^{(20)}\\
&+m_{020}^{(21)}m_{012}^{(21)}m_{301}^{(00)} + m_{020}^{(21)}m_{012}^{(22)}m_{400}^{(10)} - m_{020}^{(21)}m_{012}^{(22)}m_{310}^{(00)} - m_{020}^{(21)}m_{003}^{(00)}m_{310}^{(21)}\\
&+m_{020}^{(21)}m_{003}^{(00)}m_{301}^{(11)} + m_{020}^{(21)}m_{003}^{(10)}m_{400}^{(21)} + m_{020}^{(21)}m_{003}^{(10)}m_{310}^{(20)} - 2m_{020}^{(21)}m_{003}^{(10)}m_{301}^{(10)}\\
&-m_{020}^{(21)}m_{003}^{(11)}m_{400}^{(20)} + m_{020}^{(21)}m_{003}^{(11)}m_{301}^{(00)} - m_{020}^{(21)}m_{003}^{(20)}m_{400}^{(11)} + m_{020}^{(21)}m_{003}^{(20)}m_{310}^{(10)}\\
&+m_{020}^{(21)}m_{003}^{(21)}m_{400}^{(10)} - m_{020}^{(21)}m_{003}^{(21)}m_{310}^{(00)} - m_{020}^{(22)}m_{300}^{(00)}m_{022}^{(21)} + m_{020}^{(22)}m_{300}^{(00)}m_{013}^{(11)}\\
&+m_{020}^{(22)}m_{300}^{(10)}m_{112}^{(21)} + m_{020}^{(22)}m_{300}^{(10)}m_{022}^{(20)} - 2m_{020}^{(22)}m_{300}^{(10)}m_{013}^{(10)} - m_{020}^{(22)}m_{300}^{(11)}m_{112}^{(20)}\\
&+m_{020}^{(22)}m_{300}^{(11)}m_{013}^{(00)} - m_{020}^{(22)}m_{300}^{(20)}m_{112}^{(11)} + m_{020}^{(22)}m_{300}^{(20)}m_{022}^{(10)} + m_{020}^{(22)}m_{300}^{(21)}m_{112}^{(10)}\\
&-m_{020}^{(22)}m_{300}^{(21)}m_{022}^{(00)} + m_{020}^{(22)}m_{210}^{(00)}m_{112}^{(21)} - m_{020}^{(22)}m_{210}^{(00)}m_{103}^{(11)} - m_{020}^{(22)}m_{210}^{(10)}m_{202}^{(21)}\\
&-m_{020}^{(22)}m_{210}^{(10)}m_{112}^{(20)} + 2m_{020}^{(22)}m_{210}^{(10)}m_{103}^{(10)} + m_{020}^{(22)}m_{210}^{(11)}m_{202}^{(20)} - m_{020}^{(22)}m_{210}^{(11)}m_{103}^{(00)}\\
&+m_{020}^{(22)}m_{210}^{(20)}m_{202}^{(11)} - m_{020}^{(22)}m_{210}^{(20)}m_{112}^{(10)} - m_{020}^{(22)}m_{210}^{(21)}m_{202}^{(10)} + m_{020}^{(22)}m_{210}^{(21)}m_{112}^{(00)}\\
&+2m_{020}^{(22)}m_{201}^{(00)}m_{121}^{(21)} - 2m_{020}^{(22)}m_{201}^{(00)}m_{112}^{(11)} - 2m_{020}^{(22)}m_{201}^{(10)}m_{211}^{(21)} - 2m_{020}^{(22)}m_{201}^{(10)}m_{121}^{(20)}\\
&+4m_{020}^{(22)}m_{201}^{(10)}m_{112}^{(10)} + 2m_{020}^{(22)}m_{201}^{(11)}m_{211}^{(20)} - 2m_{020}^{(22)}m_{201}^{(11)}m_{112}^{(00)} + 2m_{020}^{(22)}m_{201}^{(20)}m_{211}^{(11)}\\
&-2m_{020}^{(22)}m_{201}^{(20)}m_{121}^{(10)} - 2m_{020}^{(22)}m_{201}^{(21)}m_{211}^{(10)} + 2m_{020}^{(22)}m_{201}^{(21)}m_{121}^{(00)} - 2m_{020}^{(22)}m_{111}^{(00)}m_{211}^{(21)}\\
&+2m_{020}^{(22)}m_{111}^{(00)}m_{202}^{(11)} + 2m_{020}^{(22)}m_{111}^{(10)}m_{301}^{(21)} + 2m_{020}^{(22)}m_{111}^{(10)}m_{211}^{(20)} - 4m_{020}^{(22)}m_{111}^{(10)}m_{202}^{(10)}\\
&-2m_{020}^{(22)}m_{111}^{(11)}m_{301}^{(20)} + 2m_{020}^{(22)}m_{111}^{(11)}m_{202}^{(00)} - 2m_{020}^{(22)}m_{111}^{(20)}m_{301}^{(11)} + 2m_{020}^{(22)}m_{111}^{(20)}m_{211}^{(10)}\\
&+2m_{020}^{(22)}m_{111}^{(21)}m_{301}^{(10)} - 2m_{020}^{(22)}m_{111}^{(21)}m_{211}^{(00)} - m_{020}^{(22)}m_{102}^{(00)}m_{220}^{(21)} + m_{020}^{(22)}m_{102}^{(00)}m_{211}^{(11)}\\
&+m_{020}^{(22)}m_{102}^{(10)}m_{310}^{(21)} + m_{020}^{(22)}m_{102}^{(10)}m_{220}^{(20)} - 2m_{020}^{(22)}m_{102}^{(10)}m_{211}^{(10)} - m_{020}^{(22)}m_{102}^{(11)}m_{310}^{(20)}\\
&+m_{020}^{(22)}m_{102}^{(11)}m_{211}^{(00)} - m_{020}^{(22)}m_{102}^{(20)}m_{310}^{(11)} + m_{020}^{(22)}m_{102}^{(20)}m_{220}^{(10)} + m_{020}^{(22)}m_{102}^{(21)}m_{310}^{(10)}\\
&-m_{020}^{(22)}m_{102}^{(21)}m_{220}^{(00)} + m_{020}^{(22)}m_{012}^{(00)}m_{310}^{(21)} - m_{020}^{(22)}m_{012}^{(00)}m_{301}^{(11)} - m_{020}^{(22)}m_{012}^{(10)}m_{400}^{(21)}\\
&-m_{020}^{(22)}m_{012}^{(10)}m_{310}^{(20)} + 2m_{020}^{(22)}m_{012}^{(10)}m_{301}^{(10)} + m_{020}^{(22)}m_{012}^{(11)}m_{400}^{(20)} - m_{020}^{(22)}m_{012}^{(11)}m_{301}^{(00)}\\
&+m_{020}^{(22)}m_{012}^{(20)}m_{400}^{(11)} - m_{020}^{(22)}m_{012}^{(20)}m_{310}^{(10)} - m_{020}^{(22)}m_{012}^{(21)}m_{400}^{(10)} + m_{020}^{(22)}m_{012}^{(21)}m_{310}^{(00)}\\
&+2m_{011}^{(00)}m_{210}^{(10)}m_{022}^{(22)} - 2m_{011}^{(00)}m_{210}^{(10)}m_{013}^{(21)} - 2m_{011}^{(00)}m_{210}^{(11)}m_{112}^{(22)} + 2m_{011}^{(00)}m_{210}^{(11)}m_{013}^{(20)}\\
&-2m_{011}^{(00)}m_{210}^{(20)}m_{022}^{(21)} + 2m_{011}^{(00)}m_{210}^{(20)}m_{013}^{(11)} + 4m_{011}^{(00)}m_{210}^{(21)}m_{112}^{(21)} - 2m_{011}^{(00)}m_{210}^{(21)}m_{022}^{(20)}\\
&-2m_{011}^{(00)}m_{210}^{(21)}m_{013}^{(10)} - 2m_{011}^{(00)}m_{210}^{(22)}m_{112}^{(11)} + 2m_{011}^{(00)}m_{210}^{(22)}m_{022}^{(10)} - 2m_{011}^{(00)}m_{201}^{(10)}m_{031}^{(22)}\\
&+2m_{011}^{(00)}m_{201}^{(10)}m_{022}^{(21)} + 2m_{011}^{(00)}m_{201}^{(11)}m_{121}^{(22)} - 2m_{011}^{(00)}m_{201}^{(11)}m_{022}^{(20)} + 2m_{011}^{(00)}m_{201}^{(20)}m_{031}^{(21)}\\
&-2m_{011}^{(00)}m_{201}^{(20)}m_{022}^{(11)} - 4m_{011}^{(00)}m_{201}^{(21)}m_{121}^{(21)} + 2m_{011}^{(00)}m_{201}^{(21)}m_{031}^{(20)} + 2m_{011}^{(00)}m_{201}^{(21)}m_{022}^{(10)}\\
&+2m_{011}^{(00)}m_{201}^{(22)}m_{121}^{(11)} - 2m_{011}^{(00)}m_{201}^{(22)}m_{031}^{(10)} - 2m_{011}^{(00)}m_{120}^{(10)}m_{112}^{(22)} + 2m_{011}^{(00)}m_{120}^{(10)}m_{103}^{(21)}\\
&+2m_{011}^{(00)}m_{120}^{(11)}m_{202}^{(22)} - 2m_{011}^{(00)}m_{120}^{(11)}m_{103}^{(20)} + 2m_{011}^{(00)}m_{120}^{(20)}m_{112}^{(21)} - 2m_{011}^{(00)}m_{120}^{(20)}m_{103}^{(11)}\\
&-4m_{011}^{(00)}m_{120}^{(21)}m_{202}^{(21)} + 2m_{011}^{(00)}m_{120}^{(21)}m_{112}^{(20)} + 2m_{011}^{(00)}m_{120}^{(21)}m_{103}^{(10)} + 2m_{011}^{(00)}m_{120}^{(22)}m_{202}^{(11)}\\
&-2m_{011}^{(00)}m_{120}^{(22)}m_{112}^{(10)} + 2m_{011}^{(00)}m_{102}^{(10)}m_{130}^{(22)} - 2m_{011}^{(00)}m_{102}^{(10)}m_{121}^{(21)} - 2m_{011}^{(00)}m_{102}^{(11)}m_{220}^{(22)}
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\begin{aligned}
&+2m_{011}^{(00)}m_{102}^{(11)}m_{121}^{(20)} - 2m_{011}^{(00)}m_{102}^{(20)}m_{130}^{(21)} + 2m_{011}^{(00)}m_{102}^{(20)}m_{121}^{(11)} + 4m_{011}^{(00)}m_{102}^{(21)}m_{220}^{(21)}\\
&-2m_{011}^{(00)}m_{102}^{(21)}m_{130}^{(20)} - 2m_{011}^{(00)}m_{102}^{(21)}m_{121}^{(10)} - 2m_{011}^{(00)}m_{102}^{(22)}m_{220}^{(11)} + 2m_{011}^{(00)}m_{102}^{(22)}m_{130}^{(10)}\\
&+2m_{011}^{(00)}m_{021}^{(10)}m_{211}^{(22)} - 2m_{011}^{(00)}m_{021}^{(10)}m_{202}^{(21)} - 2m_{011}^{(00)}m_{021}^{(11)}m_{301}^{(22)} + 2m_{011}^{(00)}m_{021}^{(11)}m_{202}^{(20)}\\
&-2m_{011}^{(00)}m_{021}^{(20)}m_{211}^{(21)} + 2m_{011}^{(00)}m_{021}^{(20)}m_{202}^{(11)} + 4m_{011}^{(00)}m_{021}^{(21)}m_{301}^{(21)} - 2m_{011}^{(00)}m_{021}^{(21)}m_{211}^{(20)}\\
&-2m_{011}^{(00)}m_{021}^{(21)}m_{202}^{(10)} - 2m_{011}^{(00)}m_{021}^{(22)}m_{301}^{(11)} + 2m_{011}^{(00)}m_{021}^{(22)}m_{211}^{(10)} - 2m_{011}^{(00)}m_{012}^{(10)}m_{220}^{(22)}\\
&+2m_{011}^{(00)}m_{012}^{(10)}m_{211}^{(21)} + 2m_{011}^{(00)}m_{012}^{(11)}m_{310}^{(22)} - 2m_{011}^{(00)}m_{012}^{(11)}m_{211}^{(20)} + 2m_{011}^{(00)}m_{012}^{(20)}m_{220}^{(21)}\\
&-2m_{011}^{(00)}m_{012}^{(20)}m_{211}^{(11)} - 4m_{011}^{(00)}m_{012}^{(21)}m_{310}^{(21)} + 2m_{011}^{(00)}m_{012}^{(21)}m_{220}^{(20)} + 2m_{011}^{(00)}m_{012}^{(21)}m_{211}^{(10)}\\
&+2m_{011}^{(00)}m_{012}^{(22)}m_{310}^{(11)} - 2m_{011}^{(00)}m_{012}^{(22)}m_{220}^{(10)} - 2m_{011}^{(10)}m_{300}^{(10)}m_{022}^{(22)} + 2m_{011}^{(10)}m_{300}^{(10)}m_{013}^{(21)}\\
&+2m_{011}^{(10)}m_{300}^{(11)}m_{112}^{(22)} - 2m_{011}^{(10)}m_{300}^{(11)}m_{013}^{(20)} + 2m_{011}^{(10)}m_{300}^{(20)}m_{022}^{(21)} - 2m_{011}^{(10)}m_{300}^{(20)}m_{013}^{(11)}\\
&-4m_{011}^{(10)}m_{300}^{(21)}m_{112}^{(21)} + 2m_{011}^{(10)}m_{300}^{(21)}m_{022}^{(20)} + 2m_{011}^{(10)}m_{300}^{(21)}m_{013}^{(10)} + 2m_{011}^{(10)}m_{300}^{(22)}m_{112}^{(11)}\\
&-2m_{011}^{(10)}m_{300}^{(22)}m_{022}^{(10)} - 2m_{011}^{(10)}m_{210}^{(00)}m_{022}^{(22)} + 2m_{011}^{(10)}m_{210}^{(00)}m_{013}^{(21)} + 4m_{011}^{(10)}m_{210}^{(10)}m_{112}^{(22)}\\
&-2m_{011}^{(10)}m_{210}^{(10)}m_{103}^{(21)} - 2m_{011}^{(10)}m_{210}^{(10)}m_{013}^{(20)} - 2m_{011}^{(10)}m_{210}^{(11)}m_{202}^{(22)} + 2m_{011}^{(10)}m_{210}^{(11)}m_{103}^{(20)}\\
&-4m_{011}^{(10)}m_{210}^{(20)}m_{112}^{(21)} + 2m_{011}^{(10)}m_{210}^{(20)}m_{103}^{(11)} + 4m_{011}^{(10)}m_{210}^{(20)}m_{022}^{(20)} - 2m_{011}^{(10)}m_{210}^{(20)}m_{013}^{(10)}\\
&+4m_{011}^{(10)}m_{210}^{(21)}m_{202}^{(21)} - 4m_{011}^{(10)}m_{210}^{(21)}m_{112}^{(20)} - 2m_{011}^{(10)}m_{210}^{(21)}m_{103}^{(10)} + 2m_{011}^{(10)}m_{210}^{(21)}m_{013}^{(00)}\\
&-2m_{011}^{(10)}m_{210}^{(22)}m_{202}^{(11)} + 4m_{011}^{(10)}m_{210}^{(22)}m_{112}^{(10)} - 2m_{011}^{(10)}m_{210}^{(22)}m_{022}^{(00)} + 2m_{011}^{(10)}m_{201}^{(00)}m_{031}^{(22)}\\
&-2m_{011}^{(10)}m_{201}^{(00)}m_{022}^{(21)} + 2m_{011}^{(10)}m_{201}^{(10)}m_{121}^{(22)} - 4m_{011}^{(10)}m_{201}^{(10)}m_{112}^{(21)} + 2m_{011}^{(10)}m_{201}^{(10)}m_{022}^{(20)}\\
&-4m_{011}^{(10)}m_{201}^{(11)}m_{211}^{(22)} + 4m_{011}^{(10)}m_{201}^{(11)}m_{112}^{(20)} - 2m_{011}^{(10)}m_{201}^{(20)}m_{121}^{(21)} + 4m_{011}^{(10)}m_{201}^{(20)}m_{112}^{(11)}\\
&-4m_{011}^{(10)}m_{201}^{(20)}m_{031}^{(20)} + 2m_{011}^{(10)}m_{201}^{(20)}m_{022}^{(10)} + 8m_{011}^{(10)}m_{201}^{(21)}m_{211}^{(21)} - 2m_{011}^{(10)}m_{201}^{(21)}m_{121}^{(20)}\\
&-4m_{011}^{(10)}m_{201}^{(21)}m_{112}^{(10)} - 2m_{011}^{(10)}m_{201}^{(21)}m_{022}^{(00)} - 4m_{011}^{(10)}m_{201}^{(22)}m_{211}^{(11)} + 2m_{011}^{(10)}m_{201}^{(22)}m_{121}^{(10)}\\
&+2m_{011}^{(10)}m_{201}^{(22)}m_{031}^{(00)} + 2m_{011}^{(10)}m_{120}^{(00)}m_{112}^{(22)} - 2m_{011}^{(10)}m_{120}^{(00)}m_{103}^{(21)} - 2m_{011}^{(10)}m_{120}^{(10)}m_{202}^{(22)}\\
&+2m_{011}^{(10)}m_{120}^{(10)}m_{103}^{(20)} + 2m_{011}^{(10)}m_{120}^{(20)}m_{202}^{(21)} - 4m_{011}^{(10)}m_{120}^{(20)}m_{112}^{(20)} + 2m_{011}^{(10)}m_{120}^{(20)}m_{103}^{(10)}\\
&+2m_{011}^{(10)}m_{120}^{(21)}m_{202}^{(20)} - 2m_{011}^{(10)}m_{120}^{(21)}m_{103}^{(00)} - 2m_{011}^{(10)}m_{120}^{(22)}m_{202}^{(10)} + 2m_{011}^{(10)}m_{120}^{(22)}m_{112}^{(00)}\\
&-4m_{011}^{(10)}m_{111}^{(10)}m_{211}^{(22)} + 4m_{011}^{(10)}m_{111}^{(10)}m_{202}^{(21)} + 4m_{011}^{(10)}m_{111}^{(11)}m_{301}^{(22)} - 4m_{011}^{(10)}m_{111}^{(11)}m_{202}^{(20)}\\
&+4m_{011}^{(10)}m_{111}^{(20)}m_{211}^{(21)} - 4m_{011}^{(10)}m_{111}^{(20)}m_{202}^{(11)} - 8m_{011}^{(10)}m_{111}^{(21)}m_{301}^{(21)} + 4m_{011}^{(10)}m_{111}^{(21)}m_{211}^{(20)}\\
&+4m_{011}^{(10)}m_{111}^{(21)}m_{202}^{(10)} + 4m_{011}^{(10)}m_{111}^{(22)}m_{301}^{(11)} - 4m_{011}^{(10)}m_{111}^{(22)}m_{211}^{(10)} - 2m_{011}^{(10)}m_{102}^{(00)}m_{130}^{(22)}\\
&+2m_{011}^{(10)}m_{102}^{(00)}m_{121}^{(21)} + 2m_{011}^{(10)}m_{102}^{(10)}m_{211}^{(21)} - 2m_{011}^{(10)}m_{102}^{(10)}m_{121}^{(20)} + 2m_{011}^{(10)}m_{102}^{(11)}m_{310}^{(22)}\\
&-2m_{011}^{(10)}m_{102}^{(11)}m_{211}^{(20)} - 2m_{011}^{(10)}m_{102}^{(20)}m_{211}^{(11)} + 4m_{011}^{(10)}m_{102}^{(20)}m_{130}^{(20)} - 2m_{011}^{(10)}m_{102}^{(20)}m_{121}^{(10)}\\
&-4m_{011}^{(10)}m_{102}^{(21)}m_{310}^{(21)} + 2m_{011}^{(10)}m_{102}^{(21)}m_{211}^{(10)} + 2m_{011}^{(10)}m_{102}^{(21)}m_{121}^{(00)} + 2m_{011}^{(10)}m_{102}^{(22)}m_{310}^{(11)}\\
&-2m_{011}^{(10)}m_{102}^{(22)}m_{130}^{(00)} - 2m_{011}^{(10)}m_{021}^{(00)}m_{211}^{(22)} + 2m_{011}^{(10)}m_{021}^{(00)}m_{202}^{(21)} + 2m_{011}^{(10)}m_{021}^{(10)}m_{301}^{(22)}\\
&-2m_{011}^{(10)}m_{021}^{(10)}m_{202}^{(20)} - 2m_{011}^{(10)}m_{021}^{(20)}m_{301}^{(21)} + 4m_{011}^{(10)}m_{021}^{(20)}m_{211}^{(20)} - 2m_{011}^{(10)}m_{021}^{(20)}m_{202}^{(10)}\\
&-2m_{011}^{(10)}m_{021}^{(21)}m_{301}^{(20)} + 2m_{011}^{(10)}m_{021}^{(21)}m_{202}^{(00)} + 2m_{011}^{(10)}m_{021}^{(22)}m_{301}^{(10)} - 2m_{011}^{(10)}m_{021}^{(22)}m_{211}^{(00)}\\
&+2m_{011}^{(10)}m_{012}^{(00)}m_{220}^{(22)} - 2m_{011}^{(10)}m_{012}^{(00)}m_{211}^{(21)} - 2m_{011}^{(10)}m_{012}^{(10)}m_{301}^{(21)} + 2m_{011}^{(10)}m_{012}^{(10)}m_{211}^{(20)}\\
&-2m_{011}^{(10)}m_{012}^{(11)}m_{400}^{(22)} + 2m_{011}^{(10)}m_{012}^{(11)}m_{301}^{(20)} + 2m_{011}^{(10)}m_{012}^{(20)}m_{301}^{(11)} - 4m_{011}^{(10)}m_{012}^{(20)}m_{220}^{(20)}\\
&+2m_{011}^{(10)}m_{012}^{(20)}m_{211}^{(10)} + 4m_{011}^{(10)}m_{012}^{(21)}m_{400}^{(21)} - 2m_{011}^{(10)}m_{012}^{(21)}m_{301}^{(10)} - 2m_{011}^{(10)}m_{012}^{(21)}m_{211}^{(00)}\\
&-2m_{011}^{(10)}m_{012}^{(22)}m_{400}^{(11)} + 2m_{011}^{(10)}m_{012}^{(22)}m_{220}^{(00)} + 2m_{011}^{(11)}m_{300}^{(00)}m_{022}^{(22)} - 2m_{011}^{(11)}m_{300}^{(00)}m_{013}^{(21)}\\
&-2m_{011}^{(11)}m_{300}^{(10)}m_{112}^{(22)} + 2m_{011}^{(11)}m_{300}^{(10)}m_{013}^{(20)} + 2m_{011}^{(11)}m_{300}^{(20)}m_{112}^{(21)} - 4m_{011}^{(11)}m_{300}^{(20)}m_{022}^{(20)}\\
&+2m_{011}^{(11)}m_{300}^{(20)}m_{013}^{(10)} + 2m_{011}^{(11)}m_{300}^{(21)}m_{112}^{(20)} - 2m_{011}^{(11)}m_{300}^{(21)}m_{013}^{(00)} - 2m_{011}^{(11)}m_{300}^{(22)}m_{112}^{(10)}\\
&+2m_{011}^{(11)}m_{300}^{(22)}m_{022}^{(00)} - 2m_{011}^{(11)}m_{210}^{(00)}m_{112}^{(22)} + 2m_{011}^{(11)}m_{210}^{(00)}m_{103}^{(21)} + 2m_{011}^{(11)}m_{210}^{(10)}m_{202}^{(22)}
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&-2m_{011}^{(11)}m_{210}^{(10)}m_{103}^{(20)} - 2m_{011}^{(11)}m_{210}^{(20)}m_{202}^{(21)} + 4m_{011}^{(11)}m_{210}^{(20)}m_{112}^{(20)} - 2m_{011}^{(11)}m_{210}^{(20)}m_{103}^{(10)}\\
&-2m_{011}^{(11)}m_{210}^{(21)}m_{202}^{(20)} + 2m_{011}^{(11)}m_{210}^{(21)}m_{103}^{(00)} + 2m_{011}^{(11)}m_{210}^{(22)}m_{202}^{(10)} - 2m_{011}^{(11)}m_{210}^{(22)}m_{112}^{(00)}\\
&-4m_{011}^{(11)}m_{201}^{(00)}m_{121}^{(22)} + 4m_{011}^{(11)}m_{201}^{(00)}m_{112}^{(21)} + 4m_{011}^{(11)}m_{201}^{(10)}m_{211}^{(22)} - 4m_{011}^{(11)}m_{201}^{(10)}m_{112}^{(20)}\\
&-4m_{011}^{(11)}m_{201}^{(20)}m_{211}^{(21)} + 8m_{011}^{(11)}m_{201}^{(20)}m_{121}^{(20)} - 4m_{011}^{(11)}m_{201}^{(20)}m_{112}^{(10)} - 4m_{011}^{(11)}m_{201}^{(21)}m_{211}^{(20)}\\
&+4m_{011}^{(11)}m_{201}^{(21)}m_{112}^{(00)} + 4m_{011}^{(11)}m_{201}^{(22)}m_{211}^{(10)} - 4m_{011}^{(11)}m_{201}^{(22)}m_{121}^{(00)} + 4m_{011}^{(11)}m_{111}^{(00)}m_{211}^{(22)}\\
&-4m_{011}^{(11)}m_{111}^{(00)}m_{202}^{(21)} - 4m_{011}^{(11)}m_{111}^{(10)}m_{301}^{(22)} + 4m_{011}^{(11)}m_{111}^{(10)}m_{202}^{(20)} + 4m_{011}^{(11)}m_{111}^{(20)}m_{301}^{(21)}\\
&-8m_{011}^{(11)}m_{111}^{(20)}m_{211}^{(20)} + 4m_{011}^{(11)}m_{111}^{(20)}m_{202}^{(10)} + 4m_{011}^{(11)}m_{111}^{(21)}m_{301}^{(20)} - 4m_{011}^{(11)}m_{111}^{(21)}m_{202}^{(00)}\\
&-4m_{011}^{(11)}m_{111}^{(22)}m_{301}^{(10)} + 4m_{011}^{(11)}m_{111}^{(22)}m_{211}^{(00)} + 2m_{011}^{(11)}m_{102}^{(00)}m_{220}^{(22)} - 2m_{011}^{(11)}m_{102}^{(00)}m_{211}^{(21)}\\
&-2m_{011}^{(11)}m_{102}^{(10)}m_{310}^{(22)} + 2m_{011}^{(11)}m_{102}^{(10)}m_{211}^{(20)} + 2m_{011}^{(11)}m_{102}^{(20)}m_{310}^{(21)} - 4m_{011}^{(11)}m_{102}^{(20)}m_{220}^{(20)}\\
&+2m_{011}^{(11)}m_{102}^{(20)}m_{211}^{(10)} + 2m_{011}^{(11)}m_{102}^{(21)}m_{310}^{(20)} - 2m_{011}^{(11)}m_{102}^{(21)}m_{211}^{(00)} - 2m_{011}^{(11)}m_{102}^{(22)}m_{310}^{(10)}\\
&+2m_{011}^{(11)}m_{102}^{(22)}m_{220}^{(00)} - 2m_{011}^{(11)}m_{012}^{(00)}m_{310}^{(22)} + 2m_{011}^{(11)}m_{012}^{(00)}m_{301}^{(21)} + 2m_{011}^{(11)}m_{012}^{(10)}m_{400}^{(22)}\\
&-2m_{011}^{(11)}m_{012}^{(10)}m_{301}^{(20)} - 2m_{011}^{(11)}m_{012}^{(20)}m_{400}^{(21)} + 4m_{011}^{(11)}m_{012}^{(20)}m_{310}^{(20)} - 2m_{011}^{(11)}m_{012}^{(20)}m_{301}^{(10)}\\
&-2m_{011}^{(11)}m_{012}^{(21)}m_{400}^{(20)} + 2m_{011}^{(11)}m_{012}^{(21)}m_{301}^{(00)} + 2m_{011}^{(11)}m_{012}^{(22)}m_{400}^{(10)} - 2m_{011}^{(11)}m_{012}^{(22)}m_{310}^{(00)}\\
&+2m_{011}^{(20)}m_{300}^{(10)}m_{031}^{(22)} - 2m_{011}^{(20)}m_{300}^{(10)}m_{022}^{(21)} - 2m_{011}^{(20)}m_{300}^{(11)}m_{121}^{(22)} + 2m_{011}^{(20)}m_{300}^{(11)}m_{022}^{(20)}\\
&-2m_{011}^{(20)}m_{300}^{(20)}m_{031}^{(21)} + 2m_{011}^{(20)}m_{300}^{(20)}m_{022}^{(11)} + 4m_{011}^{(20)}m_{300}^{(21)}m_{121}^{(21)} - 2m_{011}^{(20)}m_{300}^{(21)}m_{031}^{(20)}\\
&-2m_{011}^{(20)}m_{300}^{(21)}m_{022}^{(10)} - 2m_{011}^{(20)}m_{300}^{(22)}m_{121}^{(11)} + 2m_{011}^{(20)}m_{300}^{(22)}m_{031}^{(10)} + 2m_{011}^{(20)}m_{210}^{(00)}m_{022}^{(21)}\\
&-2m_{011}^{(20)}m_{210}^{(00)}m_{013}^{(11)} - 4m_{011}^{(20)}m_{210}^{(10)}m_{121}^{(22)} + 2m_{011}^{(20)}m_{210}^{(10)}m_{112}^{(21)} - 2m_{011}^{(20)}m_{210}^{(10)}m_{022}^{(20)}\\
&+4m_{011}^{(20)}m_{210}^{(10)}m_{013}^{(10)} + 4m_{011}^{(20)}m_{210}^{(11)}m_{211}^{(22)} - 2m_{011}^{(20)}m_{210}^{(11)}m_{112}^{(20)} - 2m_{011}^{(20)}m_{210}^{(11)}m_{013}^{(00)}\\
&+4m_{011}^{(20)}m_{210}^{(20)}m_{121}^{(21)} - 2m_{011}^{(20)}m_{210}^{(20)}m_{112}^{(11)} - 2m_{011}^{(20)}m_{210}^{(20)}m_{022}^{(10)} - 8m_{011}^{(20)}m_{210}^{(21)}m_{211}^{(21)}\\
&+4m_{011}^{(20)}m_{210}^{(21)}m_{121}^{(20)} + 2m_{011}^{(20)}m_{210}^{(21)}m_{112}^{(10)} + 2m_{011}^{(20)}m_{210}^{(21)}m_{022}^{(00)} + 4m_{011}^{(20)}m_{210}^{(22)}m_{211}^{(11)}\\
&-4m_{011}^{(20)}m_{210}^{(22)}m_{121}^{(10)} - 2m_{011}^{(20)}m_{201}^{(00)}m_{031}^{(21)} + 2m_{011}^{(20)}m_{201}^{(00)}m_{022}^{(11)} - 2m_{011}^{(20)}m_{201}^{(10)}m_{130}^{(22)}\\
&+4m_{011}^{(20)}m_{201}^{(10)}m_{121}^{(21)} + 2m_{011}^{(20)}m_{201}^{(10)}m_{031}^{(20)} - 4m_{011}^{(20)}m_{201}^{(10)}m_{022}^{(10)} + 2m_{011}^{(20)}m_{201}^{(11)}m_{220}^{(22)}\\
&-4m_{011}^{(20)}m_{201}^{(11)}m_{121}^{(20)} + 2m_{011}^{(20)}m_{201}^{(11)}m_{022}^{(00)} + 2m_{011}^{(20)}m_{201}^{(20)}m_{130}^{(21)} - 4m_{011}^{(20)}m_{201}^{(20)}m_{121}^{(11)}\\
&+2m_{011}^{(20)}m_{201}^{(20)}m_{031}^{(10)} - 4m_{011}^{(20)}m_{201}^{(21)}m_{220}^{(21)} + 2m_{011}^{(20)}m_{201}^{(21)}m_{130}^{(20)} + 4m_{011}^{(20)}m_{201}^{(21)}m_{121}^{(10)}\\
&-2m_{011}^{(20)}m_{201}^{(21)}m_{031}^{(00)} + 2m_{011}^{(20)}m_{201}^{(22)}m_{220}^{(11)} - 2m_{011}^{(20)}m_{201}^{(22)}m_{130}^{(10)} - 2m_{011}^{(20)}m_{120}^{(00)}m_{112}^{(21)}\\
&+2m_{011}^{(20)}m_{120}^{(00)}m_{103}^{(11)} + 2m_{011}^{(20)}m_{120}^{(10)}m_{211}^{(22)} + 2m_{011}^{(20)}m_{120}^{(10)}m_{112}^{(20)} - 4m_{011}^{(20)}m_{120}^{(10)}m_{103}^{(10)}\\
&-2m_{011}^{(20)}m_{120}^{(11)}m_{301}^{(22)} + 2m_{011}^{(20)}m_{120}^{(11)}m_{103}^{(00)} - 2m_{011}^{(20)}m_{120}^{(20)}m_{211}^{(21)} + 2m_{011}^{(20)}m_{120}^{(20)}m_{112}^{(10)}\\
&+4m_{011}^{(20)}m_{120}^{(21)}m_{301}^{(21)} - 2m_{011}^{(20)}m_{120}^{(21)}m_{211}^{(20)} - 2m_{011}^{(20)}m_{120}^{(21)}m_{112}^{(00)} - 2m_{011}^{(20)}m_{120}^{(22)}m_{301}^{(11)}\\
&+2m_{011}^{(20)}m_{120}^{(22)}m_{211}^{(10)} + 4m_{011}^{(20)}m_{111}^{(10)}m_{220}^{(22)} - 4m_{011}^{(20)}m_{111}^{(10)}m_{211}^{(21)} - 4m_{011}^{(20)}m_{111}^{(11)}m_{310}^{(22)}\\
&+4m_{011}^{(20)}m_{111}^{(11)}m_{211}^{(20)} - 4m_{011}^{(20)}m_{111}^{(20)}m_{220}^{(21)} + 4m_{011}^{(20)}m_{111}^{(20)}m_{211}^{(11)} + 8m_{011}^{(20)}m_{111}^{(21)}m_{310}^{(21)}\\
&-4m_{011}^{(20)}m_{111}^{(21)}m_{220}^{(20)} - 4m_{011}^{(20)}m_{111}^{(21)}m_{211}^{(10)} - 4m_{011}^{(20)}m_{111}^{(22)}m_{310}^{(11)} + 4m_{011}^{(20)}m_{111}^{(22)}m_{220}^{(10)}\\
&+2m_{011}^{(20)}m_{102}^{(00)}m_{130}^{(21)} - 2m_{011}^{(20)}m_{102}^{(00)}m_{121}^{(11)} - 2m_{011}^{(20)}m_{102}^{(10)}m_{121}^{(21)} - 2m_{011}^{(20)}m_{102}^{(10)}m_{220}^{(20)} - 2m_{011}^{(20)}m_{102}^{(10)}m_{130}^{(20)}\\
&+4m_{011}^{(20)}m_{102}^{(10)}m_{121}^{(10)} + 2m_{011}^{(20)}m_{102}^{(11)}m_{220}^{(20)} - 2m_{011}^{(20)}m_{102}^{(11)}m_{121}^{(00)} + 2m_{011}^{(20)}m_{102}^{(20)}m_{220}^{(11)}\\
&-2m_{011}^{(20)}m_{102}^{(20)}m_{130}^{(10)} - 2m_{011}^{(20)}m_{102}^{(21)}m_{220}^{(10)} + 2m_{011}^{(20)}m_{102}^{(21)}m_{130}^{(00)} + 2m_{011}^{(20)}m_{021}^{(00)}m_{211}^{(21)}\\
&-2m_{011}^{(20)}m_{021}^{(00)}m_{202}^{(11)} - 2m_{011}^{(20)}m_{021}^{(10)}m_{310}^{(22)} - 2m_{011}^{(20)}m_{021}^{(10)}m_{211}^{(20)} + 4m_{011}^{(20)}m_{021}^{(10)}m_{202}^{(10)}\\
&+2m_{011}^{(20)}m_{021}^{(11)}m_{400}^{(22)} - 2m_{011}^{(20)}m_{021}^{(11)}m_{202}^{(00)} + 2m_{011}^{(20)}m_{021}^{(20)}m_{310}^{(21)} - 2m_{011}^{(20)}m_{021}^{(20)}m_{211}^{(10)}\\
&-4m_{011}^{(20)}m_{021}^{(21)}m_{400}^{(21)} + 2m_{011}^{(20)}m_{021}^{(21)}m_{310}^{(20)} + 2m_{011}^{(20)}m_{021}^{(21)}m_{211}^{(00)} + 2m_{011}^{(20)}m_{021}^{(22)}m_{400}^{(11)}\\
&-2m_{011}^{(20)}m_{021}^{(22)}m_{310}^{(10)} - 2m_{011}^{(20)}m_{012}^{(00)}m_{220}^{(21)} + 2m_{011}^{(20)}m_{012}^{(00)}m_{211}^{(11)} + 2m_{011}^{(20)}m_{012}^{(10)}m_{310}^{(21)}
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&+2m_{011}^{(20)}m_{012}^{(10)}m_{220}^{(20)} - 4m_{011}^{(20)}m_{012}^{(10)}m_{211}^{(10)} - 2m_{011}^{(20)}m_{012}^{(11)}m_{310}^{(20)} + 2m_{011}^{(20)}m_{012}^{(11)}m_{211}^{(00)}\\
&-2m_{011}^{(20)}m_{012}^{(20)}m_{310}^{(11)} + 2m_{011}^{(20)}m_{012}^{(20)}m_{220}^{(10)} + 2m_{011}^{(20)}m_{012}^{(21)}m_{310}^{(10)} - 2m_{011}^{(20)}m_{012}^{(21)}m_{220}^{(00)}\\
&-2m_{011}^{(21)}m_{300}^{(00)}m_{031}^{(22)} + 2m_{011}^{(21)}m_{300}^{(00)}m_{013}^{(11)} + 2m_{011}^{(21)}m_{300}^{(10)}m_{121}^{(22)} + 2m_{011}^{(21)}m_{300}^{(10)}m_{112}^{(21)}\\
&-4m_{011}^{(21)}m_{300}^{(10)}m_{013}^{(10)} - 2m_{011}^{(21)}m_{300}^{(11)}m_{112}^{(20)} + 2m_{011}^{(21)}m_{300}^{(11)}m_{013}^{(00)} - 2m_{011}^{(21)}m_{300}^{(20)}m_{121}^{(21)}\\
&-2m_{011}^{(21)}m_{300}^{(20)}m_{112}^{(11)} + 4m_{011}^{(21)}m_{300}^{(20)}m_{031}^{(20)} - 2m_{011}^{(21)}m_{300}^{(21)}m_{121}^{(20)} + 2m_{011}^{(21)}m_{300}^{(21)}m_{112}^{(10)}\\
&+2m_{011}^{(21)}m_{300}^{(22)}m_{121}^{(10)} - 2m_{011}^{(21)}m_{300}^{(22)}m_{031}^{(00)} + 4m_{011}^{(21)}m_{210}^{(00)}m_{121}^{(22)} - 2m_{011}^{(21)}m_{210}^{(00)}m_{112}^{(21)}\\
&-2m_{011}^{(21)}m_{210}^{(00)}m_{103}^{(11)} - 4m_{011}^{(21)}m_{210}^{(10)}m_{211}^{(22)} - 2m_{011}^{(21)}m_{210}^{(10)}m_{202}^{(21)} + 2m_{011}^{(21)}m_{210}^{(10)}m_{112}^{(20)}\\
&+4m_{011}^{(21)}m_{210}^{(10)}m_{103}^{(10)} + 2m_{011}^{(21)}m_{210}^{(11)}m_{202}^{(20)} - 2m_{011}^{(21)}m_{210}^{(11)}m_{103}^{(00)} + 4m_{011}^{(21)}m_{210}^{(20)}m_{211}^{(21)}\\
&+2m_{011}^{(21)}m_{210}^{(20)}m_{202}^{(11)} - 8m_{011}^{(21)}m_{210}^{(20)}m_{121}^{(20)} + 2m_{011}^{(21)}m_{210}^{(20)}m_{112}^{(10)} + 4m_{011}^{(21)}m_{210}^{(21)}m_{211}^{(20)}\\
&-2m_{011}^{(21)}m_{210}^{(21)}m_{202}^{(10)} - 2m_{011}^{(21)}m_{210}^{(21)}m_{112}^{(00)} - 4m_{011}^{(21)}m_{210}^{(22)}m_{211}^{(10)} + 4m_{011}^{(21)}m_{210}^{(22)}m_{121}^{(00)}\\
&+2m_{011}^{(21)}m_{201}^{(00)}m_{130}^{(22)} + 2m_{011}^{(21)}m_{201}^{(00)}m_{121}^{(21)} - 4m_{011}^{(21)}m_{201}^{(00)}m_{112}^{(11)} - 2m_{011}^{(21)}m_{201}^{(10)}m_{220}^{(22)}\\
&-4m_{011}^{(21)}m_{201}^{(10)}m_{211}^{(21)} - 2m_{011}^{(21)}m_{201}^{(10)}m_{121}^{(20)} + 8m_{011}^{(21)}m_{201}^{(10)}m_{112}^{(10)} + 4m_{011}^{(21)}m_{201}^{(11)}m_{211}^{(20)}\\
&-4m_{011}^{(21)}m_{201}^{(11)}m_{112}^{(00)} + 2m_{011}^{(21)}m_{201}^{(20)}m_{220}^{(21)} + 4m_{011}^{(21)}m_{201}^{(20)}m_{211}^{(11)} - 4m_{011}^{(21)}m_{201}^{(20)}m_{130}^{(20)}\\
&-2m_{011}^{(21)}m_{201}^{(20)}m_{121}^{(10)} + 2m_{011}^{(21)}m_{201}^{(21)}m_{220}^{(20)} - 4m_{011}^{(21)}m_{201}^{(21)}m_{211}^{(10)} + 2m_{011}^{(21)}m_{201}^{(21)}m_{121}^{(00)}\\
&-2m_{011}^{(21)}m_{201}^{(22)}m_{220}^{(10)} + 2m_{011}^{(21)}m_{201}^{(22)}m_{130}^{(00)} - 2m_{011}^{(21)}m_{120}^{(00)}m_{211}^{(22)} + 2m_{011}^{(21)}m_{120}^{(00)}m_{202}^{(21)}\\
&+2m_{011}^{(21)}m_{120}^{(10)}m_{301}^{(22)} - 2m_{011}^{(21)}m_{120}^{(10)}m_{202}^{(20)} - 2m_{011}^{(21)}m_{120}^{(20)}m_{301}^{(21)} + 4m_{011}^{(21)}m_{120}^{(20)}m_{211}^{(20)}\\
&-2m_{011}^{(21)}m_{120}^{(20)}m_{202}^{(10)} - 2m_{011}^{(21)}m_{120}^{(21)}m_{301}^{(20)} + 2m_{011}^{(21)}m_{120}^{(21)}m_{202}^{(00)} + 2m_{011}^{(21)}m_{120}^{(22)}m_{301}^{(10)}\\
&-2m_{011}^{(21)}m_{120}^{(22)}m_{211}^{(00)} - 4m_{011}^{(21)}m_{111}^{(00)}m_{220}^{(22)} + 4m_{011}^{(21)}m_{111}^{(00)}m_{202}^{(11)} + 4m_{011}^{(21)}m_{111}^{(10)}m_{310}^{(22)}\\
&+4m_{011}^{(21)}m_{111}^{(10)}m_{301}^{(21)} - 8m_{011}^{(21)}m_{111}^{(10)}m_{202}^{(10)} - 4m_{011}^{(21)}m_{111}^{(11)}m_{301}^{(20)} + 4m_{011}^{(21)}m_{111}^{(11)}m_{202}^{(00)}\\
&-4m_{011}^{(21)}m_{111}^{(20)}m_{310}^{(21)} - 4m_{011}^{(21)}m_{111}^{(20)}m_{301}^{(11)} + 8m_{011}^{(21)}m_{111}^{(20)}m_{220}^{(20)} - 4m_{011}^{(21)}m_{111}^{(21)}m_{310}^{(20)}\\
&+4m_{011}^{(21)}m_{111}^{(21)}m_{301}^{(10)} + 4m_{011}^{(21)}m_{111}^{(22)}m_{310}^{(10)} - 4m_{011}^{(21)}m_{111}^{(22)}m_{220}^{(00)} - 2m_{011}^{(21)}m_{102}^{(00)}m_{220}^{(21)}\\
&+2m_{011}^{(21)}m_{102}^{(00)}m_{211}^{(11)} + 2m_{011}^{(21)}m_{102}^{(10)}m_{310}^{(21)} + 2m_{011}^{(21)}m_{102}^{(10)}m_{220}^{(20)} - 4m_{011}^{(21)}m_{102}^{(10)}m_{211}^{(10)}\\
&-2m_{011}^{(21)}m_{102}^{(11)}m_{310}^{(20)} + 2m_{011}^{(21)}m_{102}^{(11)}m_{211}^{(00)} - 2m_{011}^{(21)}m_{102}^{(20)}m_{310}^{(11)} + 2m_{011}^{(21)}m_{102}^{(20)}m_{220}^{(10)}\\
&+2m_{011}^{(21)}m_{102}^{(21)}m_{310}^{(10)} - 2m_{011}^{(21)}m_{102}^{(21)}m_{220}^{(00)} + 2m_{011}^{(21)}m_{021}^{(00)}m_{310}^{(22)} - 2m_{011}^{(21)}m_{021}^{(00)}m_{301}^{(21)}\\
&-2m_{011}^{(21)}m_{021}^{(10)}m_{400}^{(22)} + 2m_{011}^{(21)}m_{021}^{(10)}m_{301}^{(20)} + 2m_{011}^{(21)}m_{021}^{(20)}m_{400}^{(21)} - 4m_{011}^{(21)}m_{021}^{(20)}m_{310}^{(20)}\\
&+2m_{011}^{(21)}m_{021}^{(20)}m_{301}^{(10)} + 2m_{011}^{(21)}m_{021}^{(21)}m_{400}^{(20)} - 2m_{011}^{(21)}m_{021}^{(21)}m_{301}^{(00)} - 2m_{011}^{(21)}m_{021}^{(22)}m_{400}^{(10)}\\
&+2m_{011}^{(21)}m_{021}^{(22)}m_{310}^{(00)} + 2m_{011}^{(21)}m_{012}^{(00)}m_{310}^{(21)} - 2m_{011}^{(21)}m_{012}^{(00)}m_{301}^{(11)} - 2m_{011}^{(21)}m_{012}^{(10)}m_{400}^{(21)}\\
&-2m_{011}^{(21)}m_{012}^{(10)}m_{310}^{(20)} + 4m_{011}^{(21)}m_{012}^{(10)}m_{301}^{(10)} + 2m_{011}^{(21)}m_{012}^{(11)}m_{400}^{(20)} - 2m_{011}^{(21)}m_{012}^{(11)}m_{301}^{(00)}\\
&+2m_{011}^{(21)}m_{012}^{(20)}m_{400}^{(11)} - 2m_{011}^{(21)}m_{012}^{(20)}m_{310}^{(10)} - 2m_{011}^{(21)}m_{012}^{(21)}m_{400}^{(10)} + 2m_{011}^{(21)}m_{012}^{(21)}m_{310}^{(00)}\\
&+2m_{011}^{(22)}m_{300}^{(00)}m_{031}^{(21)} - 2m_{011}^{(22)}m_{300}^{(00)}m_{022}^{(11)} - 2m_{011}^{(22)}m_{300}^{(10)}m_{121}^{(21)} - 2m_{011}^{(22)}m_{300}^{(10)}m_{031}^{(20)}\\
&+4m_{011}^{(22)}m_{300}^{(10)}m_{022}^{(10)} + 2m_{011}^{(22)}m_{300}^{(11)}m_{121}^{(20)} - 2m_{011}^{(22)}m_{300}^{(11)}m_{022}^{(00)} + 2m_{011}^{(22)}m_{300}^{(20)}m_{121}^{(11)}\\
&-2m_{011}^{(22)}m_{300}^{(20)}m_{031}^{(10)} - 2m_{011}^{(22)}m_{300}^{(21)}m_{121}^{(10)} + 2m_{011}^{(22)}m_{300}^{(21)}m_{031}^{(00)} - 4m_{011}^{(22)}m_{210}^{(00)}m_{121}^{(21)}\\
&+4m_{011}^{(22)}m_{210}^{(00)}m_{112}^{(11)} + 4m_{011}^{(22)}m_{210}^{(10)}m_{211}^{(21)} + 4m_{011}^{(22)}m_{210}^{(10)}m_{121}^{(20)} - 8m_{011}^{(22)}m_{210}^{(10)}m_{112}^{(10)}\\
&-4m_{011}^{(22)}m_{210}^{(11)}m_{211}^{(20)} + 4m_{011}^{(22)}m_{210}^{(11)}m_{112}^{(00)} - 4m_{011}^{(22)}m_{210}^{(20)}m_{211}^{(11)} + 4m_{011}^{(22)}m_{210}^{(20)}m_{121}^{(10)}\\
&+4m_{011}^{(22)}m_{210}^{(21)}m_{211}^{(10)} - 4m_{011}^{(22)}m_{210}^{(21)}m_{121}^{(00)} - 2m_{011}^{(22)}m_{201}^{(00)}m_{130}^{(21)} + 2m_{011}^{(22)}m_{201}^{(00)}m_{121}^{(11)}\\
&+2m_{011}^{(22)}m_{201}^{(10)}m_{220}^{(21)} + 2m_{011}^{(22)}m_{201}^{(10)}m_{130}^{(20)} - 4m_{011}^{(22)}m_{201}^{(10)}m_{121}^{(10)} - 2m_{011}^{(22)}m_{201}^{(11)}m_{220}^{(20)}\\
&+2m_{011}^{(22)}m_{201}^{(11)}m_{121}^{(00)} - 2m_{011}^{(22)}m_{201}^{(20)}m_{220}^{(11)} + 2m_{011}^{(22)}m_{201}^{(20)}m_{130}^{(10)} + 2m_{011}^{(22)}m_{201}^{(21)}m_{220}^{(10)}\\
&-2m_{011}^{(22)}m_{201}^{(21)}m_{130}^{(00)} + 2m_{011}^{(22)}m_{120}^{(00)}m_{211}^{(21)} - 2m_{011}^{(22)}m_{120}^{(00)}m_{202}^{(11)} - 2m_{011}^{(22)}m_{120}^{(10)}m_{301}^{(21)}
\end{aligned}
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\begin{aligned}
&-2m_{011}^{(22)}m_{120}^{(10)}m_{211}^{(20)} + 4m_{011}^{(22)}m_{120}^{(10)}m_{202}^{(10)} + 2m_{011}^{(22)}m_{120}^{(11)}m_{301}^{(20)} - 2m_{011}^{(22)}m_{120}^{(11)}m_{202}^{(00)}\\
&+2m_{011}^{(22)}m_{120}^{(20)}m_{301}^{(11)} - 2m_{011}^{(22)}m_{120}^{(20)}m_{211}^{(10)} - 2m_{011}^{(22)}m_{120}^{(21)}m_{301}^{(10)} + 2m_{011}^{(22)}m_{120}^{(21)}m_{211}^{(00)}\\
&+4m_{011}^{(22)}m_{111}^{(00)}m_{220}^{(21)} - 4m_{011}^{(22)}m_{111}^{(00)}m_{211}^{(11)} - 4m_{011}^{(22)}m_{111}^{(10)}m_{310}^{(21)} - 4m_{011}^{(22)}m_{111}^{(10)}m_{220}^{(20)}\\
&+8m_{011}^{(22)}m_{111}^{(10)}m_{211}^{(10)} + 4m_{011}^{(22)}m_{111}^{(11)}m_{310}^{(20)} - 4m_{011}^{(22)}m_{111}^{(11)}m_{211}^{(00)} + 4m_{011}^{(22)}m_{111}^{(20)}m_{310}^{(11)}\\
&-4m_{011}^{(22)}m_{111}^{(20)}m_{220}^{(10)} - 4m_{011}^{(22)}m_{111}^{(21)}m_{310}^{(10)} + 4m_{011}^{(22)}m_{111}^{(21)}m_{220}^{(00)} - 2m_{011}^{(22)}m_{021}^{(00)}m_{310}^{(21)}\\
&+2m_{011}^{(22)}m_{021}^{(00)}m_{301}^{(11)} + 2m_{011}^{(22)}m_{021}^{(10)}m_{400}^{(21)} + 2m_{011}^{(22)}m_{021}^{(10)}m_{310}^{(20)} - 4m_{011}^{(22)}m_{021}^{(10)}m_{301}^{(10)}\\
&-2m_{011}^{(22)}m_{021}^{(11)}m_{400}^{(20)} + 2m_{011}^{(22)}m_{021}^{(11)}m_{301}^{(00)} - 2m_{011}^{(22)}m_{021}^{(20)}m_{400}^{(11)} + 2m_{011}^{(22)}m_{021}^{(20)}m_{310}^{(10)}\\
&+2m_{011}^{(22)}m_{021}^{(21)}m_{400}^{(10)} - 2m_{011}^{(22)}m_{021}^{(21)}m_{310}^{(00)} - m_{002}^{(00)}m_{210}^{(10)}m_{031}^{(22)} + m_{002}^{(00)}m_{210}^{(10)}m_{022}^{(21)}\\
&+m_{002}^{(00)}m_{210}^{(11)}m_{121}^{(22)} - m_{002}^{(00)}m_{210}^{(11)}m_{022}^{(20)} + m_{002}^{(00)}m_{210}^{(20)}m_{031}^{(21)} - m_{002}^{(00)}m_{210}^{(20)}m_{022}^{(11)}\\
&-2m_{002}^{(00)}m_{210}^{(21)}m_{121}^{(21)} + m_{002}^{(00)}m_{210}^{(21)}m_{031}^{(20)} + m_{002}^{(00)}m_{210}^{(21)}m_{022}^{(10)} + m_{002}^{(00)}m_{210}^{(22)}m_{121}^{(11)}\\
&-m_{002}^{(00)}m_{210}^{(22)}m_{031}^{(10)} + m_{002}^{(00)}m_{201}^{(10)}m_{040}^{(22)} - m_{002}^{(00)}m_{201}^{(10)}m_{031}^{(21)} - m_{002}^{(00)}m_{201}^{(11)}m_{130}^{(22)}\\
&+m_{002}^{(00)}m_{201}^{(11)}m_{031}^{(20)} - m_{002}^{(00)}m_{201}^{(20)}m_{040}^{(21)} + m_{002}^{(00)}m_{201}^{(20)}m_{031}^{(11)} + 2m_{002}^{(00)}m_{201}^{(21)}m_{130}^{(21)}\\
&-m_{002}^{(00)}m_{201}^{(21)}m_{040}^{(20)} - m_{002}^{(00)}m_{201}^{(21)}m_{031}^{(10)} - m_{002}^{(00)}m_{201}^{(22)}m_{130}^{(11)} + m_{002}^{(00)}m_{201}^{(22)}m_{040}^{(10)}\\
&+2m_{002}^{(00)}m_{120}^{(10)}m_{121}^{(22)} - 2m_{002}^{(00)}m_{120}^{(10)}m_{112}^{(21)} - 2m_{002}^{(00)}m_{120}^{(11)}m_{211}^{(22)} + 2m_{002}^{(00)}m_{120}^{(11)}m_{112}^{(20)}\\
&-2m_{002}^{(00)}m_{120}^{(20)}m_{121}^{(21)} + 2m_{002}^{(00)}m_{120}^{(20)}m_{112}^{(11)} + 4m_{002}^{(00)}m_{120}^{(21)}m_{211}^{(21)} - 2m_{002}^{(00)}m_{120}^{(21)}m_{121}^{(20)}\\
&-2m_{002}^{(00)}m_{120}^{(21)}m_{112}^{(10)} - 2m_{002}^{(00)}m_{120}^{(22)}m_{211}^{(11)} + 2m_{002}^{(00)}m_{120}^{(22)}m_{121}^{(10)} - 2m_{002}^{(00)}m_{111}^{(10)}m_{130}^{(22)}\\
&+2m_{002}^{(00)}m_{111}^{(10)}m_{121}^{(21)} + 2m_{002}^{(00)}m_{111}^{(11)}m_{220}^{(22)} - 2m_{002}^{(00)}m_{111}^{(11)}m_{121}^{(20)} + 2m_{002}^{(00)}m_{111}^{(20)}m_{130}^{(21)}\\
&-2m_{002}^{(00)}m_{111}^{(20)}m_{121}^{(11)} - 4m_{002}^{(00)}m_{111}^{(21)}m_{220}^{(21)} + 2m_{002}^{(00)}m_{111}^{(21)}m_{130}^{(20)} + 2m_{002}^{(00)}m_{111}^{(21)}m_{121}^{(10)}\\
&+2m_{002}^{(00)}m_{111}^{(22)}m_{220}^{(11)} - 2m_{002}^{(00)}m_{111}^{(22)}m_{130}^{(10)} - m_{002}^{(00)}m_{030}^{(10)}m_{211}^{(22)} + m_{002}^{(00)}m_{030}^{(10)}m_{202}^{(21)}\\
&+m_{002}^{(00)}m_{030}^{(11)}m_{301}^{(22)} - m_{002}^{(00)}m_{030}^{(11)}m_{202}^{(20)} + m_{002}^{(00)}m_{030}^{(20)}m_{211}^{(21)} - m_{002}^{(00)}m_{030}^{(20)}m_{202}^{(11)}\\
&-2m_{002}^{(00)}m_{030}^{(21)}m_{301}^{(21)} + m_{002}^{(00)}m_{030}^{(21)}m_{211}^{(20)} + m_{002}^{(00)}m_{030}^{(21)}m_{202}^{(10)} + m_{002}^{(00)}m_{030}^{(22)}m_{301}^{(11)}\\
&-m_{002}^{(00)}m_{030}^{(22)}m_{211}^{(10)} + m_{002}^{(00)}m_{021}^{(10)}m_{220}^{(22)} - m_{002}^{(00)}m_{021}^{(10)}m_{211}^{(21)} - m_{002}^{(00)}m_{021}^{(11)}m_{310}^{(22)}\\
&+m_{002}^{(00)}m_{021}^{(11)}m_{211}^{(20)} - m_{002}^{(00)}m_{021}^{(20)}m_{220}^{(21)} + m_{002}^{(00)}m_{021}^{(20)}m_{211}^{(11)} + 2m_{002}^{(00)}m_{021}^{(21)}m_{310}^{(21)}\\
&-m_{002}^{(00)}m_{021}^{(21)}m_{220}^{(20)} - m_{002}^{(00)}m_{021}^{(21)}m_{211}^{(10)} - m_{002}^{(00)}m_{021}^{(22)}m_{310}^{(11)} + m_{002}^{(00)}m_{021}^{(22)}m_{220}^{(10)}\\
&+m_{002}^{(10)}m_{300}^{(10)}m_{031}^{(22)} - m_{002}^{(10)}m_{300}^{(10)}m_{022}^{(21)} - m_{002}^{(10)}m_{300}^{(11)}m_{121}^{(22)} + m_{002}^{(10)}m_{300}^{(11)}m_{022}^{(20)}\\
&-m_{002}^{(10)}m_{300}^{(20)}m_{031}^{(21)} + m_{002}^{(10)}m_{300}^{(20)}m_{022}^{(11)} + 2m_{002}^{(10)}m_{300}^{(21)}m_{121}^{(21)} - m_{002}^{(10)}m_{300}^{(21)}m_{031}^{(20)}\\
&-m_{002}^{(10)}m_{300}^{(21)}m_{022}^{(10)} - m_{002}^{(10)}m_{300}^{(22)}m_{121}^{(11)} + m_{002}^{(10)}m_{300}^{(22)}m_{031}^{(10)} + m_{002}^{(10)}m_{210}^{(00)}m_{031}^{(22)}\\
&-m_{002}^{(10)}m_{210}^{(00)}m_{022}^{(21)} - 3m_{002}^{(10)}m_{210}^{(10)}m_{121}^{(22)} + 2m_{002}^{(10)}m_{210}^{(10)}m_{112}^{(21)} + m_{002}^{(10)}m_{210}^{(10)}m_{022}^{(20)}\\
&+2m_{002}^{(10)}m_{210}^{(11)}m_{211}^{(22)} - 2m_{002}^{(10)}m_{210}^{(11)}m_{112}^{(20)} + 3m_{002}^{(10)}m_{210}^{(20)}m_{121}^{(21)} - 2m_{002}^{(10)}m_{210}^{(20)}m_{112}^{(11)}\\
&-2m_{002}^{(10)}m_{210}^{(20)}m_{031}^{(20)} + m_{002}^{(10)}m_{210}^{(20)}m_{022}^{(10)} - 4m_{002}^{(10)}m_{210}^{(21)}m_{211}^{(21)} + 3m_{002}^{(10)}m_{210}^{(21)}m_{121}^{(20)}\\
&+2m_{002}^{(10)}m_{210}^{(21)}m_{112}^{(10)} - m_{002}^{(10)}m_{210}^{(21)}m_{022}^{(00)} + 2m_{002}^{(10)}m_{210}^{(22)}m_{211}^{(11)} - 3m_{002}^{(10)}m_{210}^{(22)}m_{121}^{(10)}\\
&+m_{002}^{(10)}m_{210}^{(22)}m_{031}^{(00)} - m_{002}^{(10)}m_{201}^{(00)}m_{040}^{(22)} + m_{002}^{(10)}m_{201}^{(00)}m_{031}^{(21)} + m_{002}^{(10)}m_{201}^{(10)}m_{121}^{(21)}\\
&-m_{002}^{(10)}m_{201}^{(10)}m_{031}^{(20)} + m_{002}^{(10)}m_{201}^{(11)}m_{220}^{(22)} - m_{002}^{(10)}m_{201}^{(11)}m_{121}^{(20)} - m_{002}^{(10)}m_{201}^{(20)}m_{121}^{(11)}\\
&+2m_{002}^{(10)}m_{201}^{(20)}m_{040}^{(20)} - m_{002}^{(10)}m_{201}^{(20)}m_{031}^{(10)} - 2m_{002}^{(10)}m_{201}^{(21)}m_{220}^{(21)} + m_{002}^{(10)}m_{201}^{(21)}m_{121}^{(10)}\\
&+m_{002}^{(10)}m_{201}^{(21)}m_{031}^{(00)} + m_{002}^{(10)}m_{201}^{(22)}m_{220}^{(11)} - m_{002}^{(10)}m_{201}^{(22)}m_{040}^{(00)} - 2m_{002}^{(10)}m_{120}^{(00)}m_{121}^{(22)}\\
&+2m_{002}^{(10)}m_{120}^{(00)}m_{112}^{(21)} + 3m_{002}^{(10)}m_{120}^{(10)}m_{211}^{(22)} - m_{002}^{(10)}m_{120}^{(10)}m_{202}^{(21)} - 2m_{002}^{(10)}m_{120}^{(10)}m_{112}^{(20)}\\
&-m_{002}^{(10)}m_{120}^{(11)}m_{301}^{(22)} + m_{002}^{(10)}m_{120}^{(11)}m_{202}^{(20)} - 3m_{002}^{(10)}m_{120}^{(20)}m_{211}^{(21)} + m_{002}^{(10)}m_{120}^{(20)}m_{202}^{(11)}\\
&+4m_{002}^{(10)}m_{120}^{(20)}m_{121}^{(20)} - 2m_{002}^{(10)}m_{120}^{(20)}m_{112}^{(10)} + 2m_{002}^{(10)}m_{120}^{(21)}m_{301}^{(21)} - 3m_{002}^{(10)}m_{120}^{(21)}m_{211}^{(20)}
\end{aligned}
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\begin{aligned}
&-m_{002}^{(10)}m_{120}^{(21)}m_{202}^{(10)}+2m_{002}^{(10)}m_{120}^{(21)}m_{112}^{(00)}-m_{002}^{(10)}m_{120}^{(22)}m_{301}^{(11)}+3m_{002}^{(10)}m_{120}^{(22)}m_{211}^{(10)}\\
&-2m_{002}^{(10)}m_{120}^{(22)}m_{121}^{(00)}+2m_{002}^{(10)}m_{111}^{(00)}m_{130}^{(22)}-2m_{002}^{(10)}m_{111}^{(00)}m_{121}^{(21)}-2m_{002}^{(10)}m_{111}^{(10)}m_{211}^{(21)}\\
&+2m_{002}^{(10)}m_{111}^{(10)}m_{121}^{(20)}-2m_{002}^{(10)}m_{111}^{(11)}m_{310}^{(22)}+2m_{002}^{(10)}m_{111}^{(11)}m_{211}^{(20)}+2m_{002}^{(10)}m_{111}^{(20)}m_{211}^{(11)}\\
&-4m_{002}^{(10)}m_{111}^{(20)}m_{130}^{(20)}+2m_{002}^{(10)}m_{111}^{(20)}m_{121}^{(10)}+4m_{002}^{(10)}m_{111}^{(21)}m_{310}^{(21)}-2m_{002}^{(10)}m_{111}^{(21)}m_{211}^{(10)}\\
&-2m_{002}^{(10)}m_{111}^{(21)}m_{121}^{(00)}-2m_{002}^{(10)}m_{111}^{(22)}m_{310}^{(11)}+2m_{002}^{(10)}m_{111}^{(22)}m_{130}^{(00)}+m_{002}^{(10)}m_{002}^{(00)}m_{030}^{(22)}\\
&-m_{002}^{(10)}m_{030}^{(00)}m_{202}^{(21)}-m_{002}^{(10)}m_{030}^{(10)}m_{301}^{(22)}+m_{002}^{(10)}m_{030}^{(10)}m_{202}^{(20)}+m_{002}^{(10)}m_{030}^{(20)}m_{301}^{(21)}\\
&-2m_{002}^{(10)}m_{030}^{(20)}m_{211}^{(20)}+m_{002}^{(10)}m_{030}^{(20)}m_{202}^{(10)}+m_{002}^{(10)}m_{030}^{(21)}m_{301}^{(20)}-m_{002}^{(10)}m_{030}^{(21)}m_{202}^{(00)}\\
&-m_{002}^{(10)}m_{030}^{(22)}m_{301}^{(10)}+m_{002}^{(10)}m_{030}^{(22)}m_{211}^{(00)}-m_{002}^{(10)}m_{021}^{(00)}m_{220}^{(22)}+m_{002}^{(10)}m_{021}^{(00)}m_{211}^{(21)}\\
&+m_{002}^{(10)}m_{021}^{(10)}m_{301}^{(21)}-m_{002}^{(10)}m_{021}^{(10)}m_{211}^{(20)}+m_{002}^{(10)}m_{021}^{(11)}m_{400}^{(22)}-m_{002}^{(10)}m_{021}^{(11)}m_{301}^{(20)}\\
&-m_{002}^{(10)}m_{021}^{(20)}m_{301}^{(11)}+2m_{002}^{(10)}m_{021}^{(20)}m_{220}^{(20)}-m_{002}^{(10)}m_{021}^{(20)}m_{211}^{(10)}-2m_{002}^{(10)}m_{021}^{(21)}m_{400}^{(21)}\\
&+m_{002}^{(10)}m_{021}^{(21)}m_{301}^{(10)}+m_{002}^{(10)}m_{021}^{(21)}m_{211}^{(00)}+m_{002}^{(10)}m_{021}^{(22)}m_{400}^{(11)}-m_{002}^{(10)}m_{021}^{(22)}m_{220}^{(00)}\\
&-m_{002}^{(11)}m_{300}^{(00)}m_{031}^{(22)}+m_{002}^{(11)}m_{300}^{(00)}m_{022}^{(21)}+m_{002}^{(11)}m_{300}^{(10)}m_{121}^{(22)}-m_{002}^{(11)}m_{300}^{(10)}m_{022}^{(20)}\\
&-m_{002}^{(11)}m_{300}^{(20)}m_{121}^{(21)}+2m_{002}^{(11)}m_{300}^{(20)}m_{031}^{(20)}-m_{002}^{(11)}m_{300}^{(20)}m_{022}^{(10)}-m_{002}^{(11)}m_{300}^{(21)}m_{121}^{(20)}\\
&+m_{002}^{(11)}m_{300}^{(21)}m_{022}^{(00)}+m_{002}^{(11)}m_{300}^{(22)}m_{121}^{(10)}-m_{002}^{(11)}m_{300}^{(22)}m_{031}^{(00)}+2m_{002}^{(11)}m_{210}^{(00)}m_{121}^{(22)}\\
&-2m_{002}^{(11)}m_{210}^{(00)}m_{112}^{(21)}-2m_{002}^{(11)}m_{210}^{(10)}m_{211}^{(22)}+2m_{002}^{(11)}m_{210}^{(10)}m_{112}^{(20)}+2m_{002}^{(11)}m_{210}^{(20)}m_{211}^{(21)}\\
&-4m_{002}^{(11)}m_{210}^{(20)}m_{121}^{(20)}+2m_{002}^{(11)}m_{210}^{(20)}m_{112}^{(10)}+2m_{002}^{(11)}m_{210}^{(21)}m_{211}^{(20)}-2m_{002}^{(11)}m_{210}^{(21)}m_{112}^{(00)}\\
&-2m_{002}^{(11)}m_{210}^{(22)}m_{211}^{(10)}+2m_{002}^{(11)}m_{210}^{(22)}m_{121}^{(00)}+m_{002}^{(11)}m_{201}^{(00)}m_{130}^{(22)}-m_{002}^{(11)}m_{201}^{(00)}m_{121}^{(21)}\\
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&+m_{002}^{(11)}m_{201}^{(20)}m_{121}^{(10)}+m_{002}^{(11)}m_{201}^{(21)}m_{220}^{(20)}-m_{002}^{(11)}m_{201}^{(21)}m_{121}^{(00)}-m_{002}^{(11)}m_{201}^{(22)}m_{220}^{(10)}\\
&+m_{002}^{(11)}m_{201}^{(22)}m_{130}^{(00)}-m_{002}^{(11)}m_{120}^{(00)}m_{211}^{(22)}+m_{002}^{(11)}m_{120}^{(00)}m_{202}^{(21)}+m_{002}^{(11)}m_{120}^{(10)}m_{301}^{(22)}\\
&-m_{002}^{(11)}m_{120}^{(10)}m_{202}^{(20)}-m_{002}^{(11)}m_{120}^{(20)}m_{301}^{(21)}+2m_{002}^{(11)}m_{120}^{(20)}m_{211}^{(20)}-m_{002}^{(11)}m_{120}^{(20)}m_{202}^{(10)}\\
&-m_{002}^{(11)}m_{120}^{(21)}m_{301}^{(20)}+m_{002}^{(11)}m_{120}^{(21)}m_{202}^{(00)}+m_{002}^{(11)}m_{120}^{(22)}m_{301}^{(10)}-m_{002}^{(11)}m_{120}^{(22)}m_{211}^{(00)}\\
&-2m_{002}^{(11)}m_{111}^{(00)}m_{220}^{(22)}+2m_{002}^{(11)}m_{111}^{(00)}m_{211}^{(21)}+2m_{002}^{(11)}m_{111}^{(10)}m_{310}^{(22)}-2m_{002}^{(11)}m_{111}^{(10)}m_{211}^{(20)}\\
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&+2m_{002}^{(11)}m_{111}^{(21)}m_{211}^{(00)}+2m_{002}^{(11)}m_{111}^{(22)}m_{310}^{(10)}-2m_{002}^{(11)}m_{111}^{(22)}m_{130}^{(00)}+m_{002}^{(11)}m_{021}^{(00)}m_{310}^{(22)}\\
&-m_{002}^{(11)}m_{021}^{(00)}m_{301}^{(21)}-m_{002}^{(11)}m_{021}^{(10)}m_{400}^{(22)}+m_{002}^{(11)}m_{021}^{(10)}m_{301}^{(20)}+m_{002}^{(11)}m_{021}^{(20)}m_{400}^{(21)}\\
&-2m_{002}^{(11)}m_{021}^{(20)}m_{310}^{(20)}+m_{002}^{(11)}m_{021}^{(20)}m_{301}^{(10)}+m_{002}^{(11)}m_{021}^{(21)}m_{400}^{(20)}-m_{002}^{(11)}m_{021}^{(21)}m_{301}^{(00)}\\
&-m_{002}^{(11)}m_{021}^{(22)}m_{400}^{(10)}+m_{002}^{(11)}m_{021}^{(22)}m_{310}^{(00)}-m_{002}^{(20)}m_{300}^{(10)}m_{040}^{(22)}+m_{002}^{(20)}m_{300}^{(10)}m_{031}^{(21)}\\
&+m_{002}^{(20)}m_{300}^{(11)}m_{130}^{(22)}-m_{002}^{(20)}m_{300}^{(11)}m_{031}^{(20)}+m_{002}^{(20)}m_{300}^{(20)}m_{040}^{(21)}-m_{002}^{(20)}m_{300}^{(20)}m_{031}^{(11)}\\
&-2m_{002}^{(20)}m_{300}^{(21)}m_{130}^{(21)}+m_{002}^{(20)}m_{300}^{(21)}m_{040}^{(20)}+m_{002}^{(20)}m_{300}^{(21)}m_{031}^{(10)}+m_{002}^{(20)}m_{300}^{(22)}m_{130}^{(11)}\\
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&+2m_{002}^{(20)}m_{210}^{(11)}m_{121}^{(20)}+m_{002}^{(20)}m_{210}^{(11)}m_{022}^{(00)}-3m_{002}^{(20)}m_{210}^{(20)}m_{130}^{(21)}+2m_{002}^{(20)}m_{210}^{(20)}m_{121}^{(11)}\\
&+m_{002}^{(20)}m_{210}^{(20)}m_{031}^{(10)}+6m_{002}^{(20)}m_{210}^{(21)}m_{220}^{(21)}-3m_{002}^{(20)}m_{210}^{(21)}m_{130}^{(20)}-2m_{002}^{(20)}m_{210}^{(21)}m_{121}^{(10)}\\
&-m_{002}^{(20)}m_{210}^{(21)}m_{031}^{(00)}-3m_{002}^{(20)}m_{210}^{(22)}m_{220}^{(11)}+3m_{002}^{(20)}m_{210}^{(22)}m_{130}^{(10)}+m_{002}^{(20)}m_{201}^{(00)}m_{040}^{(21)}\\
&-m_{002}^{(20)}m_{201}^{(00)}m_{031}^{(11)}-m_{002}^{(20)}m_{201}^{(10)}m_{130}^{(21)}-m_{002}^{(20)}m_{201}^{(10)}m_{040}^{(20)}+2m_{002}^{(20)}m_{201}^{(10)}m_{031}^{(10)}\\
&+m_{002}^{(20)}m_{201}^{(11)}m_{130}^{(20)}-m_{002}^{(20)}m_{201}^{(11)}m_{031}^{(00)}+m_{002}^{(20)}m_{201}^{(20)}m_{130}^{(11)}-m_{002}^{(20)}m_{201}^{(20)}m_{040}^{(10)}\\
&-m_{002}^{(20)}m_{201}^{(21)}m_{130}^{(10)}+m_{002}^{(20)}m_{201}^{(21)}m_{040}^{(00)}+2m_{002}^{(20)}m_{120}^{(00)}m_{121}^{(21)}-2m_{002}^{(20)}m_{120}^{(00)}m_{112}^{(11)}
\end{aligned}
$$

$$
\begin{aligned}
&-3m_{002}^{(20)}m_{120}^{(10)}m_{220}^{(22)} + m_{002}^{(20)}m_{120}^{(10)}m_{211}^{(21)} - 2m_{002}^{(20)}m_{120}^{(10)}m_{121}^{(20)} + 4m_{002}^{(20)}m_{120}^{(10)}m_{112}^{(10)}\\
&+3m_{002}^{(20)}m_{120}^{(11)}m_{310}^{(22)} - m_{002}^{(20)}m_{120}^{(11)}m_{211}^{(20)} - 2m_{002}^{(20)}m_{120}^{(11)}m_{112}^{(00)} + 3m_{002}^{(20)}m_{120}^{(20)}m_{220}^{(21)}\\
&-m_{002}^{(20)}m_{120}^{(20)}m_{211}^{(11)} - 2m_{002}^{(20)}m_{120}^{(20)}m_{121}^{(10)} - 6m_{002}^{(20)}m_{120}^{(21)}m_{310}^{(21)} + 3m_{002}^{(20)}m_{120}^{(21)}m_{220}^{(20)}\\
&+m_{002}^{(20)}m_{120}^{(21)}m_{211}^{(10)} + 2m_{002}^{(20)}m_{120}^{(21)}m_{121}^{(00)} + 3m_{002}^{(20)}m_{120}^{(22)}m_{310}^{(11)} - 3m_{002}^{(20)}m_{120}^{(22)}m_{220}^{(10)}\\
&-2m_{002}^{(20)}m_{111}^{(00)}m_{130}^{(21)} + 2m_{002}^{(20)}m_{111}^{(00)}m_{121}^{(11)} + 2m_{002}^{(20)}m_{111}^{(10)}m_{220}^{(21)} + 2m_{002}^{(20)}m_{111}^{(10)}m_{130}^{(20)}\\
&-4m_{002}^{(20)}m_{111}^{(10)}m_{121}^{(10)} - 2m_{002}^{(20)}m_{111}^{(11)}m_{220}^{(20)} + 2m_{002}^{(20)}m_{111}^{(11)}m_{121}^{(00)} - 2m_{002}^{(20)}m_{111}^{(20)}m_{220}^{(11)}\\
&+2m_{002}^{(20)}m_{111}^{(20)}m_{130}^{(10)} + 2m_{002}^{(20)}m_{111}^{(21)}m_{220}^{(10)} - 2m_{002}^{(20)}m_{111}^{(21)}m_{130}^{(00)} - m_{002}^{(20)}m_{030}^{(00)}m_{211}^{(21)}\\
&+m_{002}^{(20)}m_{030}^{(00)}m_{202}^{(11)} + m_{002}^{(20)}m_{030}^{(10)}m_{310}^{(22)} + m_{002}^{(20)}m_{030}^{(10)}m_{211}^{(20)} - 2m_{002}^{(20)}m_{030}^{(10)}m_{202}^{(10)}\\
&-m_{002}^{(20)}m_{030}^{(11)}m_{400}^{(22)} + m_{002}^{(20)}m_{030}^{(11)}m_{202}^{(00)} - m_{002}^{(20)}m_{030}^{(20)}m_{310}^{(21)} + m_{002}^{(20)}m_{030}^{(20)}m_{211}^{(10)}\\
&+2m_{002}^{(20)}m_{030}^{(21)}m_{400}^{(21)} - m_{002}^{(20)}m_{030}^{(21)}m_{310}^{(20)} - m_{002}^{(20)}m_{030}^{(21)}m_{211}^{(00)} - m_{002}^{(20)}m_{030}^{(22)}m_{400}^{(11)}\\
&+m_{002}^{(20)}m_{030}^{(22)}m_{310}^{(10)} + m_{002}^{(20)}m_{021}^{(00)}m_{220}^{(21)} - m_{002}^{(20)}m_{021}^{(00)}m_{211}^{(11)} - m_{002}^{(20)}m_{021}^{(10)}m_{310}^{(21)}\\
&-m_{002}^{(20)}m_{021}^{(10)}m_{220}^{(20)} + 2m_{002}^{(20)}m_{021}^{(10)}m_{211}^{(10)} + m_{002}^{(20)}m_{021}^{(11)}m_{310}^{(20)} - m_{002}^{(20)}m_{021}^{(11)}m_{211}^{(00)}\\
&+m_{002}^{(20)}m_{021}^{(20)}m_{310}^{(11)} - m_{002}^{(20)}m_{021}^{(20)}m_{220}^{(10)} - m_{002}^{(20)}m_{021}^{(21)}m_{310}^{(10)} + m_{002}^{(20)}m_{021}^{(21)}m_{220}^{(00)}\\
&+m_{002}^{(21)}m_{300}^{(00)}m_{040}^{(22)} - m_{002}^{(21)}m_{300}^{(00)}m_{022}^{(11)} - m_{002}^{(21)}m_{300}^{(10)}m_{130}^{(22)} - m_{002}^{(21)}m_{300}^{(10)}m_{121}^{(21)}\\
&+2m_{002}^{(21)}m_{300}^{(10)}m_{022}^{(10)} + m_{002}^{(21)}m_{300}^{(11)}m_{121}^{(20)} - m_{002}^{(21)}m_{300}^{(11)}m_{022}^{(00)} + m_{002}^{(21)}m_{300}^{(20)}m_{130}^{(21)}\\
&+m_{002}^{(21)}m_{300}^{(20)}m_{121}^{(11)} - 2m_{002}^{(21)}m_{300}^{(20)}m_{040}^{(20)} + m_{002}^{(21)}m_{300}^{(21)}m_{130}^{(20)} - m_{002}^{(21)}m_{300}^{(21)}m_{121}^{(10)}\\
&-m_{002}^{(21)}m_{300}^{(22)}m_{130}^{(10)} + m_{002}^{(21)}m_{300}^{(22)}m_{040}^{(00)} - 3m_{002}^{(21)}m_{210}^{(00)}m_{130}^{(22)} + m_{002}^{(21)}m_{210}^{(00)}m_{121}^{(21)}\\
&+2m_{002}^{(21)}m_{210}^{(00)}m_{112}^{(11)} + 3m_{002}^{(21)}m_{210}^{(10)}m_{220}^{(22)} + 2m_{002}^{(21)}m_{210}^{(10)}m_{211}^{(21)} - m_{002}^{(21)}m_{210}^{(10)}m_{121}^{(20)}\\
&-4m_{002}^{(21)}m_{210}^{(10)}m_{112}^{(10)} - 2m_{002}^{(21)}m_{210}^{(11)}m_{211}^{(20)} + 2m_{002}^{(21)}m_{210}^{(11)}m_{112}^{(00)} - 3m_{002}^{(21)}m_{210}^{(20)}m_{220}^{(21)}\\
&-2m_{002}^{(21)}m_{210}^{(20)}m_{211}^{(11)} + 6m_{002}^{(21)}m_{210}^{(20)}m_{130}^{(20)} - m_{002}^{(21)}m_{210}^{(20)}m_{121}^{(10)} - 3m_{002}^{(21)}m_{210}^{(21)}m_{220}^{(20)}\\
&+2m_{002}^{(21)}m_{210}^{(21)}m_{211}^{(10)} + m_{002}^{(21)}m_{210}^{(21)}m_{121}^{(00)} + 3m_{002}^{(21)}m_{210}^{(22)}m_{220}^{(10)} - 3m_{002}^{(21)}m_{210}^{(22)}m_{130}^{(00)}\\
&-m_{002}^{(21)}m_{201}^{(00)}m_{130}^{(21)} + m_{002}^{(21)}m_{201}^{(00)}m_{121}^{(11)} + m_{002}^{(21)}m_{201}^{(10)}m_{220}^{(21)} + m_{002}^{(21)}m_{201}^{(10)}m_{130}^{(20)}\\
&-2m_{002}^{(21)}m_{201}^{(10)}m_{121}^{(10)} - m_{002}^{(21)}m_{201}^{(11)}m_{220}^{(20)} + m_{002}^{(21)}m_{201}^{(11)}m_{121}^{(00)} - m_{002}^{(21)}m_{201}^{(20)}m_{220}^{(11)}\\
&+m_{002}^{(21)}m_{201}^{(20)}m_{130}^{(10)} + m_{002}^{(21)}m_{201}^{(21)}m_{220}^{(10)} - m_{002}^{(21)}m_{201}^{(21)}m_{130}^{(00)} + 3m_{002}^{(21)}m_{120}^{(00)}m_{220}^{(22)}\\
&-2m_{002}^{(21)}m_{120}^{(00)}m_{211}^{(21)} - m_{002}^{(21)}m_{120}^{(00)}m_{202}^{(11)} - 3m_{002}^{(21)}m_{120}^{(10)}m_{310}^{(22)} - m_{002}^{(21)}m_{120}^{(10)}m_{301}^{(21)}\\
&+2m_{002}^{(21)}m_{120}^{(10)}m_{211}^{(20)} + 2m_{002}^{(21)}m_{120}^{(10)}m_{202}^{(10)} + m_{002}^{(21)}m_{120}^{(11)}m_{301}^{(20)} - m_{002}^{(21)}m_{120}^{(11)}m_{202}^{(00)}\\
&+3m_{002}^{(21)}m_{120}^{(20)}m_{310}^{(21)} + m_{002}^{(21)}m_{120}^{(20)}m_{301}^{(11)} - 6m_{002}^{(21)}m_{120}^{(20)}m_{220}^{(20)} + 2m_{002}^{(21)}m_{120}^{(20)}m_{211}^{(10)}\\
&+3m_{002}^{(21)}m_{120}^{(21)}m_{310}^{(20)} - m_{002}^{(21)}m_{120}^{(21)}m_{301}^{(10)} - 2m_{002}^{(21)}m_{120}^{(21)}m_{211}^{(00)} - 3m_{002}^{(21)}m_{120}^{(22)}m_{310}^{(10)}\\
&+3m_{002}^{(21)}m_{120}^{(22)}m_{220}^{(00)} + 2m_{002}^{(21)}m_{111}^{(00)}m_{220}^{(21)} - 2m_{002}^{(21)}m_{111}^{(00)}m_{211}^{(11)} - 2m_{002}^{(21)}m_{111}^{(10)}m_{310}^{(21)}\\
&-2m_{002}^{(21)}m_{111}^{(10)}m_{220}^{(20)} + 4m_{002}^{(21)}m_{111}^{(10)}m_{211}^{(10)} + 2m_{002}^{(21)}m_{111}^{(11)}m_{310}^{(20)} - 2m_{002}^{(21)}m_{111}^{(11)}m_{211}^{(00)}\\
&+2m_{002}^{(21)}m_{111}^{(20)}m_{310}^{(11)} - 2m_{002}^{(21)}m_{111}^{(20)}m_{220}^{(10)} - 2m_{002}^{(21)}m_{111}^{(21)}m_{310}^{(10)} + 2m_{002}^{(21)}m_{111}^{(21)}m_{220}^{(00)}\\
&-m_{002}^{(21)}m_{030}^{(00)}m_{310}^{(22)} + m_{002}^{(21)}m_{030}^{(00)}m_{301}^{(21)} + m_{002}^{(21)}m_{030}^{(10)}m_{400}^{(22)} - m_{002}^{(21)}m_{030}^{(10)}m_{301}^{(20)}\\
&-m_{002}^{(21)}m_{030}^{(20)}m_{400}^{(21)} + 2m_{002}^{(21)}m_{030}^{(20)}m_{310}^{(20)} - m_{002}^{(21)}m_{030}^{(20)}m_{301}^{(10)} - m_{002}^{(21)}m_{030}^{(21)}m_{400}^{(20)}\\
&+m_{002}^{(21)}m_{030}^{(21)}m_{301}^{(00)} + m_{002}^{(21)}m_{030}^{(22)}m_{400}^{(10)} - m_{002}^{(21)}m_{030}^{(22)}m_{310}^{(00)} - m_{002}^{(21)}m_{021}^{(00)}m_{310}^{(21)}\\
&+m_{002}^{(21)}m_{021}^{(00)}m_{301}^{(11)} + m_{002}^{(21)}m_{021}^{(10)}m_{400}^{(21)} + m_{002}^{(21)}m_{021}^{(10)}m_{310}^{(20)} - 2m_{002}^{(21)}m_{021}^{(10)}m_{301}^{(10)}\\
&-m_{002}^{(21)}m_{021}^{(11)}m_{400}^{(20)} + m_{002}^{(21)}m_{021}^{(11)}m_{301}^{(00)} - m_{002}^{(21)}m_{021}^{(20)}m_{400}^{(11)} + m_{002}^{(21)}m_{021}^{(20)}m_{310}^{(10)}\\
&+m_{002}^{(21)}m_{021}^{(21)}m_{400}^{(10)} - m_{002}^{(21)}m_{021}^{(21)}m_{310}^{(00)} - m_{002}^{(22)}m_{300}^{(00)}m_{040}^{(21)} + m_{002}^{(22)}m_{300}^{(00)}m_{031}^{(11)}\\
&+m_{002}^{(22)}m_{300}^{(10)}m_{130}^{(21)} + m_{002}^{(22)}m_{300}^{(10)}m_{040}^{(20)} - 2m_{002}^{(22)}m_{300}^{(10)}m_{031}^{(10)} - m_{002}^{(22)}m_{300}^{(11)}m_{130}^{(20)}
\end{aligned}
$$

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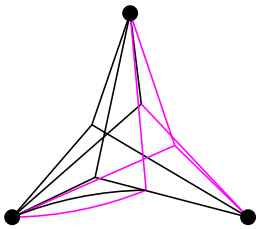
\begin{aligned}
&+m_{002}^{(22)}m_{300}^{(11)}m_{031}^{(00)} - m_{002}^{(22)}m_{300}^{(20)}m_{130}^{(11)} + m_{002}^{(22)}m_{300}^{(20)}m_{040}^{(10)} + m_{002}^{(22)}m_{300}^{(21)}m_{130}^{(10)}\\
&-m_{002}^{(22)}m_{300}^{(21)}m_{040}^{(00)} + 3m_{002}^{(22)}m_{210}^{(00)}m_{130}^{(21)} - 3m_{002}^{(22)}m_{210}^{(00)}m_{121}^{(11)} - 3m_{002}^{(22)}m_{210}^{(10)}m_{220}^{(21)}\\
&-3m_{002}^{(22)}m_{210}^{(10)}m_{130}^{(20)} + 6m_{002}^{(22)}m_{210}^{(10)}m_{121}^{(10)} + 3m_{002}^{(22)}m_{210}^{(11)}m_{220}^{(20)} - 3m_{002}^{(22)}m_{210}^{(11)}m_{121}^{(00)}\\
&+3m_{002}^{(22)}m_{210}^{(20)}m_{220}^{(11)} - 3m_{002}^{(22)}m_{210}^{(20)}m_{130}^{(10)} - 3m_{002}^{(22)}m_{210}^{(21)}m_{220}^{(10)} + 3m_{002}^{(22)}m_{210}^{(21)}m_{130}^{(00)}\\
&-3m_{002}^{(22)}m_{120}^{(00)}m_{220}^{(21)} + 3m_{002}^{(22)}m_{120}^{(00)}m_{211}^{(11)} + 3m_{002}^{(22)}m_{120}^{(10)}m_{310}^{(21)} + 3m_{002}^{(22)}m_{120}^{(10)}m_{220}^{(20)}\\
&-6m_{002}^{(22)}m_{120}^{(10)}m_{211}^{(10)} - 3m_{002}^{(22)}m_{120}^{(11)}m_{310}^{(20)} + 3m_{002}^{(22)}m_{120}^{(11)}m_{211}^{(00)} - 3m_{002}^{(22)}m_{120}^{(20)}m_{310}^{(11)}\\
&+3m_{002}^{(22)}m_{120}^{(20)}m_{220}^{(10)} + 3m_{002}^{(22)}m_{120}^{(21)}m_{310}^{(10)} - 3m_{002}^{(22)}m_{120}^{(21)}m_{220}^{(00)} + m_{002}^{(22)}m_{030}^{(00)}m_{310}^{(21)}\\
&-m_{002}^{(22)}m_{030}^{(00)}m_{301}^{(11)} - m_{002}^{(22)}m_{030}^{(10)}m_{400}^{(21)} - m_{002}^{(22)}m_{030}^{(10)}m_{310}^{(20)} + 2m_{002}^{(22)}m_{030}^{(10)}m_{301}^{(10)}\\
&+m_{002}^{(22)}m_{030}^{(11)}m_{400}^{(20)} - m_{002}^{(22)}m_{030}^{(11)}m_{301}^{(00)} + m_{002}^{(22)}m_{030}^{(20)}m_{400}^{(11)} - m_{002}^{(22)}m_{030}^{(20)}m_{310}^{(10)}\\
&-m_{002}^{(22)}m_{030}^{(21)}m_{400}^{(10)} + m_{002}^{(22)}m_{030}^{(21)}m_{310}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{rrrrr}
V1 & V1 & 1 & 1 & 1\\
1 & V2 & 2 & 2 & 2\\
V2 & V3 & V3 & 3 & 3
\end{array}
$$



$$
\begin{aligned}
T_{134} \;=\;& -m_{200}^{(00)}m_{030}^{(10)}m_{013}^{(22)} + m_{200}^{(00)}m_{030}^{(10)}m_{004}^{(21)} + m_{200}^{(00)}m_{030}^{(11)}m_{103}^{(22)} - m_{200}^{(00)}m_{030}^{(11)}m_{004}^{(20)}\\
&+m_{200}^{(00)}m_{030}^{(20)}m_{022}^{(22)} - m_{200}^{(00)}m_{030}^{(20)}m_{013}^{(21)} - m_{200}^{(00)}m_{030}^{(21)}m_{112}^{(22)} - m_{200}^{(00)}m_{030}^{(21)}m_{103}^{(21)}\\
&+2m_{200}^{(00)}m_{030}^{(21)}m_{013}^{(20)} + m_{200}^{(00)}m_{030}^{(22)}m_{112}^{(21)} - m_{200}^{(00)}m_{030}^{(22)}m_{022}^{(20)} + 2m_{200}^{(00)}m_{021}^{(10)}m_{022}^{(22)}\\
&-m_{200}^{(00)}m_{021}^{(10)}m_{013}^{(21)} - m_{200}^{(00)}m_{021}^{(10)}m_{004}^{(11)} - 2m_{200}^{(00)}m_{021}^{(11)}m_{112}^{(22)} - m_{200}^{(00)}m_{021}^{(11)}m_{103}^{(21)}\\
&+2m_{200}^{(00)}m_{021}^{(11)}m_{013}^{(20)} + m_{200}^{(00)}m_{021}^{(11)}m_{004}^{(10)} - 2m_{200}^{(00)}m_{021}^{(20)}m_{031}^{(22)} + m_{200}^{(00)}m_{021}^{(20)}m_{022}^{(21)}\\
&+m_{200}^{(00)}m_{021}^{(20)}m_{013}^{(11)} + 2m_{200}^{(00)}m_{021}^{(21)}m_{121}^{(22)} + 3m_{200}^{(00)}m_{021}^{(21)}m_{112}^{(21)} + m_{200}^{(00)}m_{021}^{(21)}m_{103}^{(11)}\\
&-4m_{200}^{(00)}m_{021}^{(21)}m_{022}^{(20)} - 2m_{200}^{(00)}m_{021}^{(21)}m_{013}^{(10)} - 2m_{200}^{(00)}m_{021}^{(22)}m_{121}^{(21)} - m_{200}^{(00)}m_{021}^{(22)}m_{112}^{(11)}\\
&+2m_{200}^{(00)}m_{021}^{(22)}m_{031}^{(20)} + m_{200}^{(00)}m_{021}^{(22)}m_{022}^{(10)} - m_{200}^{(00)}m_{012}^{(10)}m_{031}^{(22)} - m_{200}^{(00)}m_{012}^{(10)}m_{022}^{(21)}\\
&+2m_{200}^{(00)}m_{012}^{(10)}m_{013}^{(11)} + m_{200}^{(00)}m_{012}^{(11)}m_{121}^{(22)} + 2m_{200}^{(00)}m_{012}^{(11)}m_{112}^{(21)} - m_{200}^{(00)}m_{012}^{(11)}m_{022}^{(20)}\\
&-2m_{200}^{(00)}m_{012}^{(11)}m_{013}^{(10)} + m_{200}^{(00)}m_{012}^{(20)}m_{040}^{(22)} + m_{200}^{(00)}m_{012}^{(20)}m_{031}^{(21)} - 2m_{200}^{(00)}m_{012}^{(20)}m_{022}^{(11)}\\
&-m_{200}^{(00)}m_{012}^{(21)}m_{130}^{(22)} - 3m_{200}^{(00)}m_{012}^{(21)}m_{121}^{(21)} - 2m_{200}^{(00)}m_{012}^{(21)}m_{112}^{(11)} + 2m_{200}^{(00)}m_{012}^{(21)}m_{031}^{(20)}\\
&+4m_{200}^{(00)}m_{012}^{(21)}m_{022}^{(10)} + m_{200}^{(00)}m_{012}^{(22)}m_{130}^{(21)} + 2m_{200}^{(00)}m_{012}^{(22)}m_{121}^{(11)} - m_{200}^{(00)}m_{012}^{(22)}m_{040}^{(20)}\\
&-2m_{200}^{(00)}m_{012}^{(22)}m_{031}^{(10)} + m_{200}^{(00)}m_{003}^{(10)}m_{031}^{(21)} - m_{200}^{(00)}m_{003}^{(10)}m_{022}^{(11)} - m_{200}^{(00)}m_{003}^{(11)}m_{121}^{(21)}
\end{aligned}
$$

$$
\begin{aligned}
&+m_{200}^{(00)}m_{003}^{(11)}m_{022}^{(10)} - m_{200}^{(00)}m_{003}^{(20)}m_{040}^{(21)} + m_{200}^{(00)}m_{003}^{(20)}m_{031}^{(11)} + m_{200}^{(00)}m_{003}^{(21)}m_{130}^{(21)}\\
&+m_{200}^{(00)}m_{003}^{(21)}m_{121}^{(11)} - 2m_{200}^{(00)}m_{003}^{(21)}m_{031}^{(10)} - m_{200}^{(00)}m_{003}^{(22)}m_{130}^{(11)} + m_{200}^{(00)}m_{003}^{(22)}m_{040}^{(10)}\\
&+m_{200}^{(10)}m_{120}^{(10)}m_{013}^{(22)} - m_{200}^{(10)}m_{120}^{(10)}m_{004}^{(21)} - m_{200}^{(10)}m_{120}^{(11)}m_{103}^{(22)} + m_{200}^{(10)}m_{120}^{(11)}m_{004}^{(20)}\\
&-m_{200}^{(10)}m_{120}^{(20)}m_{022}^{(22)} + m_{200}^{(10)}m_{120}^{(20)}m_{013}^{(21)} + m_{200}^{(10)}m_{120}^{(21)}m_{112}^{(22)} + m_{200}^{(10)}m_{120}^{(21)}m_{103}^{(21)}\\
&-2m_{200}^{(10)}m_{120}^{(21)}m_{013}^{(20)} - m_{200}^{(10)}m_{120}^{(22)}m_{112}^{(21)} + m_{200}^{(10)}m_{120}^{(22)}m_{022}^{(20)} - 2m_{200}^{(10)}m_{111}^{(10)}m_{022}^{(22)}\\
&+2m_{200}^{(10)}m_{111}^{(10)}m_{013}^{(21)} + 2m_{200}^{(10)}m_{111}^{(11)}m_{112}^{(22)} - 2m_{200}^{(10)}m_{111}^{(11)}m_{013}^{(20)} + 2m_{200}^{(10)}m_{111}^{(20)}m_{031}^{(22)}\\
&-2m_{200}^{(10)}m_{111}^{(20)}m_{022}^{(21)} - 2m_{200}^{(10)}m_{111}^{(21)}m_{121}^{(22)} - 2m_{200}^{(10)}m_{111}^{(21)}m_{112}^{(21)} + 4m_{200}^{(10)}m_{111}^{(21)}m_{022}^{(20)}\\
&+2m_{200}^{(10)}m_{111}^{(22)}m_{121}^{(21)} - 2m_{200}^{(10)}m_{111}^{(22)}m_{031}^{(20)} + m_{200}^{(10)}m_{102}^{(10)}m_{031}^{(22)} - m_{200}^{(10)}m_{102}^{(10)}m_{022}^{(21)}\\
&-m_{200}^{(10)}m_{102}^{(11)}m_{121}^{(22)} + m_{200}^{(10)}m_{102}^{(11)}m_{022}^{(20)} - m_{200}^{(10)}m_{102}^{(20)}m_{040}^{(22)} + m_{200}^{(10)}m_{102}^{(20)}m_{031}^{(21)}\\
&+m_{200}^{(10)}m_{102}^{(21)}m_{130}^{(22)} + m_{200}^{(10)}m_{102}^{(21)}m_{121}^{(21)} - 2m_{200}^{(10)}m_{102}^{(21)}m_{031}^{(20)} - m_{200}^{(10)}m_{102}^{(22)}m_{130}^{(21)}\\
&+m_{200}^{(10)}m_{102}^{(22)}m_{040}^{(20)} + m_{200}^{(10)}m_{030}^{(00)}m_{013}^{(22)} - m_{200}^{(10)}m_{030}^{(00)}m_{004}^{(21)} - m_{200}^{(10)}m_{030}^{(10)}m_{103}^{(22)}\\
&+m_{200}^{(10)}m_{030}^{(10)}m_{004}^{(20)} - m_{200}^{(10)}m_{030}^{(20)}m_{112}^{(22)} + 2m_{200}^{(10)}m_{030}^{(20)}m_{103}^{(21)} - m_{200}^{(10)}m_{030}^{(20)}m_{013}^{(20)}\\
&+m_{200}^{(10)}m_{030}^{(21)}m_{202}^{(22)} - m_{200}^{(10)}m_{030}^{(21)}m_{103}^{(20)} - m_{200}^{(10)}m_{030}^{(22)}m_{202}^{(21)} + m_{200}^{(10)}m_{030}^{(22)}m_{112}^{(20)}\\
&-2m_{200}^{(10)}m_{021}^{(00)}m_{022}^{(22)} + m_{200}^{(10)}m_{021}^{(00)}m_{013}^{(21)} + m_{200}^{(10)}m_{021}^{(00)}m_{004}^{(11)} + 2m_{200}^{(10)}m_{021}^{(10)}m_{112}^{(22)}\\
&+m_{200}^{(10)}m_{021}^{(10)}m_{103}^{(21)} - 3m_{200}^{(10)}m_{021}^{(10)}m_{013}^{(20)} + m_{200}^{(10)}m_{021}^{(11)}m_{103}^{(20)} - m_{200}^{(10)}m_{021}^{(11)}m_{004}^{(00)}\\
&+2m_{200}^{(10)}m_{021}^{(20)}m_{121}^{(22)} - 3m_{200}^{(10)}m_{021}^{(20)}m_{112}^{(21)} - 2m_{200}^{(10)}m_{021}^{(20)}m_{103}^{(11)} + 3m_{200}^{(10)}m_{021}^{(20)}m_{022}^{(20)}\\
&-2m_{200}^{(10)}m_{021}^{(21)}m_{211}^{(22)} - m_{200}^{(10)}m_{021}^{(21)}m_{202}^{(21)} + m_{200}^{(10)}m_{021}^{(21)}m_{112}^{(20)} + 2m_{200}^{(10)}m_{021}^{(21)}m_{013}^{(00)}\\
&+2m_{200}^{(10)}m_{021}^{(22)}m_{211}^{(21)} + m_{200}^{(10)}m_{021}^{(22)}m_{202}^{(11)} - 2m_{200}^{(10)}m_{021}^{(22)}m_{121}^{(20)} - m_{200}^{(10)}m_{021}^{(22)}m_{022}^{(00)}\\
&+m_{200}^{(10)}m_{012}^{(00)}m_{031}^{(22)} + m_{200}^{(10)}m_{012}^{(00)}m_{022}^{(21)} - 2m_{200}^{(10)}m_{012}^{(00)}m_{013}^{(11)} - m_{200}^{(10)}m_{012}^{(10)}m_{121}^{(22)}\\
&-2m_{200}^{(10)}m_{012}^{(10)}m_{112}^{(21)} + 3m_{200}^{(10)}m_{012}^{(10)}m_{022}^{(20)} - 2m_{200}^{(10)}m_{012}^{(11)}m_{112}^{(20)} + 2m_{200}^{(10)}m_{012}^{(11)}m_{013}^{(00)}\\
&-m_{200}^{(10)}m_{012}^{(20)}m_{130}^{(22)} + 4m_{200}^{(10)}m_{012}^{(20)}m_{112}^{(11)} - 3m_{200}^{(10)}m_{012}^{(20)}m_{031}^{(20)} + m_{200}^{(10)}m_{012}^{(21)}m_{220}^{(22)}\\
&+2m_{200}^{(10)}m_{012}^{(21)}m_{211}^{(21)} + m_{200}^{(10)}m_{012}^{(21)}m_{121}^{(20)} - 4m_{200}^{(10)}m_{012}^{(21)}m_{022}^{(00)} - m_{200}^{(10)}m_{012}^{(22)}m_{220}^{(21)}\\
&-2m_{200}^{(10)}m_{012}^{(22)}m_{211}^{(11)} + m_{200}^{(10)}m_{012}^{(22)}m_{130}^{(20)} + 2m_{200}^{(10)}m_{012}^{(22)}m_{031}^{(00)} - m_{200}^{(10)}m_{003}^{(00)}m_{031}^{(21)}\\
&+m_{200}^{(10)}m_{003}^{(00)}m_{022}^{(11)} + m_{200}^{(10)}m_{003}^{(10)}m_{121}^{(21)} - m_{200}^{(10)}m_{003}^{(10)}m_{031}^{(20)} + m_{200}^{(10)}m_{003}^{(11)}m_{121}^{(20)}\\
&-m_{200}^{(10)}m_{003}^{(11)}m_{022}^{(00)} + m_{200}^{(10)}m_{003}^{(20)}m_{130}^{(21)} - 2m_{200}^{(10)}m_{003}^{(20)}m_{121}^{(11)} + m_{200}^{(10)}m_{003}^{(20)}m_{040}^{(20)}\\
&-m_{200}^{(10)}m_{003}^{(21)}m_{220}^{(21)} - m_{200}^{(10)}m_{003}^{(21)}m_{130}^{(20)} + 2m_{200}^{(10)}m_{003}^{(21)}m_{031}^{(00)} + m_{200}^{(10)}m_{003}^{(22)}m_{220}^{(11)}\\
&-m_{200}^{(10)}m_{003}^{(22)}m_{040}^{(00)} - m_{200}^{(11)}m_{120}^{(00)}m_{013}^{(22)} + m_{200}^{(11)}m_{120}^{(00)}m_{004}^{(21)} + m_{200}^{(11)}m_{120}^{(10)}m_{103}^{(22)}\\
&-m_{200}^{(11)}m_{120}^{(10)}m_{004}^{(20)} + m_{200}^{(11)}m_{120}^{(20)}m_{112}^{(22)} - 2m_{200}^{(11)}m_{120}^{(20)}m_{103}^{(21)} + m_{200}^{(11)}m_{120}^{(20)}m_{013}^{(20)}\\
&-m_{200}^{(11)}m_{120}^{(21)}m_{202}^{(22)} + m_{200}^{(11)}m_{120}^{(21)}m_{103}^{(20)} + m_{200}^{(11)}m_{120}^{(22)}m_{202}^{(21)} - m_{200}^{(11)}m_{120}^{(22)}m_{112}^{(20)}\\
&+2m_{200}^{(11)}m_{111}^{(00)}m_{022}^{(22)} - 2m_{200}^{(11)}m_{111}^{(00)}m_{013}^{(21)} - 2m_{200}^{(11)}m_{111}^{(10)}m_{112}^{(22)} + 2m_{200}^{(11)}m_{111}^{(10)}m_{013}^{(20)}\\
&-2m_{200}^{(11)}m_{111}^{(20)}m_{121}^{(22)} + 4m_{200}^{(11)}m_{111}^{(20)}m_{112}^{(21)} - 2m_{200}^{(11)}m_{111}^{(20)}m_{022}^{(20)} + 2m_{200}^{(11)}m_{111}^{(21)}m_{211}^{(22)}\\
&-2m_{200}^{(11)}m_{111}^{(21)}m_{112}^{(20)} - 2m_{200}^{(11)}m_{111}^{(22)}m_{211}^{(21)} + 2m_{200}^{(11)}m_{111}^{(22)}m_{121}^{(20)} - m_{200}^{(11)}m_{102}^{(00)}m_{031}^{(22)}\\
&+m_{200}^{(11)}m_{102}^{(00)}m_{022}^{(21)} + m_{200}^{(11)}m_{102}^{(10)}m_{121}^{(22)} - m_{200}^{(11)}m_{102}^{(10)}m_{022}^{(20)} + m_{200}^{(11)}m_{102}^{(20)}m_{130}^{(22)}\\
&-2m_{200}^{(11)}m_{102}^{(20)}m_{121}^{(21)} + m_{200}^{(11)}m_{102}^{(20)}m_{031}^{(20)} - m_{200}^{(11)}m_{102}^{(21)}m_{220}^{(22)} + m_{200}^{(11)}m_{102}^{(21)}m_{121}^{(20)}\\
&+m_{200}^{(11)}m_{102}^{(22)}m_{220}^{(21)} - m_{200}^{(11)}m_{102}^{(22)}m_{130}^{(20)} + m_{200}^{(11)}m_{021}^{(00)}m_{013}^{(20)} - m_{200}^{(11)}m_{021}^{(00)}m_{004}^{(10)}\\
&-m_{200}^{(11)}m_{021}^{(10)}m_{103}^{(20)} + m_{200}^{(11)}m_{021}^{(10)}m_{004}^{(00)} - m_{200}^{(11)}m_{021}^{(20)}m_{112}^{(20)} + 2m_{200}^{(11)}m_{021}^{(20)}m_{103}^{(10)}\\
&-m_{200}^{(11)}m_{021}^{(20)}m_{013}^{(00)} + m_{200}^{(11)}m_{021}^{(21)}m_{202}^{(20)} - m_{200}^{(11)}m_{021}^{(21)}m_{103}^{(00)} - m_{200}^{(11)}m_{021}^{(22)}m_{202}^{(10)}\\
&+m_{200}^{(11)}m_{021}^{(22)}m_{112}^{(00)} - 2m_{200}^{(11)}m_{012}^{(00)}m_{022}^{(20)} + 2m_{200}^{(11)}m_{012}^{(00)}m_{013}^{(10)} + 2m_{200}^{(11)}m_{012}^{(10)}m_{112}^{(20)}
\end{aligned}
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\begin{aligned}
&-2m_{200}^{(11)}m_{012}^{(10)}m_{013}^{(00)}+2m_{200}^{(11)}m_{012}^{(20)}m_{121}^{(20)}-4m_{200}^{(11)}m_{012}^{(20)}m_{112}^{(10)}+2m_{200}^{(11)}m_{012}^{(20)}m_{022}^{(00)}\\
&-2m_{200}^{(11)}m_{012}^{(21)}m_{211}^{(20)}+2m_{200}^{(11)}m_{012}^{(21)}m_{112}^{(00)}+2m_{200}^{(11)}m_{012}^{(22)}m_{211}^{(10)}-2m_{200}^{(11)}m_{012}^{(22)}m_{121}^{(00)}\\
&+m_{200}^{(11)}m_{003}^{(00)}m_{031}^{(20)}-m_{200}^{(11)}m_{003}^{(00)}m_{022}^{(10)}-m_{200}^{(11)}m_{003}^{(10)}m_{121}^{(20)}+m_{200}^{(11)}m_{003}^{(10)}m_{022}^{(00)}\\
&-m_{200}^{(11)}m_{003}^{(20)}m_{130}^{(20)}+2m_{200}^{(11)}m_{003}^{(20)}m_{121}^{(10)}-m_{200}^{(11)}m_{003}^{(20)}m_{031}^{(00)}+m_{200}^{(11)}m_{003}^{(21)}m_{220}^{(20)}\\
&-m_{200}^{(11)}m_{003}^{(21)}m_{121}^{(00)}-m_{200}^{(11)}m_{003}^{(22)}m_{220}^{(10)}+m_{200}^{(11)}m_{003}^{(22)}m_{130}^{(00)}-m_{200}^{(20)}m_{120}^{(10)}m_{013}^{(21)}\\
&+m_{200}^{(20)}m_{120}^{(10)}m_{004}^{(11)}+m_{200}^{(20)}m_{120}^{(11)}m_{103}^{(21)}-m_{200}^{(20)}m_{120}^{(11)}m_{004}^{(10)}+m_{200}^{(20)}m_{120}^{(20)}m_{022}^{(21)}\\
&-m_{200}^{(20)}m_{120}^{(20)}m_{013}^{(11)}-m_{200}^{(20)}m_{120}^{(21)}m_{112}^{(21)}-m_{200}^{(20)}m_{120}^{(21)}m_{103}^{(11)}+2m_{200}^{(20)}m_{120}^{(21)}m_{013}^{(10)}\\
&+m_{200}^{(20)}m_{120}^{(22)}m_{112}^{(11)}-m_{200}^{(20)}m_{120}^{(22)}m_{022}^{(10)}+2m_{200}^{(20)}m_{111}^{(10)}m_{022}^{(21)}-2m_{200}^{(20)}m_{111}^{(10)}m_{013}^{(11)}\\
&-2m_{200}^{(20)}m_{111}^{(11)}m_{112}^{(21)}+2m_{200}^{(20)}m_{111}^{(11)}m_{013}^{(10)}-2m_{200}^{(20)}m_{111}^{(20)}m_{031}^{(21)}+2m_{200}^{(20)}m_{111}^{(20)}m_{022}^{(11)}\\
&+2m_{200}^{(20)}m_{111}^{(21)}m_{121}^{(21)}+2m_{200}^{(20)}m_{111}^{(21)}m_{112}^{(11)}-4m_{200}^{(20)}m_{111}^{(21)}m_{022}^{(10)}-2m_{200}^{(20)}m_{111}^{(22)}m_{121}^{(11)}\\
&+2m_{200}^{(20)}m_{111}^{(22)}m_{031}^{(10)}-m_{200}^{(20)}m_{102}^{(10)}m_{031}^{(21)}+m_{200}^{(20)}m_{102}^{(10)}m_{022}^{(11)}+m_{200}^{(20)}m_{102}^{(11)}m_{121}^{(21)}\\
&-m_{200}^{(20)}m_{102}^{(11)}m_{022}^{(10)}+m_{200}^{(20)}m_{102}^{(20)}m_{040}^{(21)}-m_{200}^{(20)}m_{102}^{(20)}m_{031}^{(11)}-m_{200}^{(20)}m_{102}^{(21)}m_{130}^{(21)}\\
&-m_{200}^{(20)}m_{102}^{(21)}m_{121}^{(11)}+2m_{200}^{(20)}m_{102}^{(21)}m_{031}^{(10)}+m_{200}^{(20)}m_{102}^{(22)}m_{130}^{(11)}-m_{200}^{(20)}m_{102}^{(22)}m_{040}^{(10)}\\
&-m_{200}^{(20)}m_{030}^{(00)}m_{022}^{(22)}+m_{200}^{(20)}m_{030}^{(00)}m_{013}^{(21)}+2m_{200}^{(20)}m_{030}^{(10)}m_{112}^{(22)}-m_{200}^{(20)}m_{030}^{(10)}m_{103}^{(21)}\\
&-m_{200}^{(20)}m_{030}^{(10)}m_{004}^{(10)}-m_{200}^{(20)}m_{030}^{(11)}m_{202}^{(22)}+m_{200}^{(20)}m_{030}^{(11)}m_{004}^{(00)}-m_{200}^{(20)}m_{030}^{(20)}m_{112}^{(21)}\\
&+m_{200}^{(20)}m_{030}^{(20)}m_{013}^{(10)}+m_{200}^{(20)}m_{030}^{(21)}m_{202}^{(21)}+m_{200}^{(20)}m_{030}^{(21)}m_{103}^{(10)}-2m_{200}^{(20)}m_{030}^{(21)}m_{013}^{(00)}\\
&-m_{200}^{(20)}m_{030}^{(22)}m_{112}^{(10)}+m_{200}^{(20)}m_{030}^{(22)}m_{022}^{(00)}+2m_{200}^{(20)}m_{021}^{(00)}m_{031}^{(22)}-m_{200}^{(20)}m_{021}^{(00)}m_{022}^{(21)}\\
&-m_{200}^{(20)}m_{021}^{(00)}m_{013}^{(11)}-4m_{200}^{(20)}m_{021}^{(10)}m_{121}^{(22)}+m_{200}^{(20)}m_{021}^{(10)}m_{103}^{(11)}+3m_{200}^{(20)}m_{021}^{(10)}m_{013}^{(10)}\\
&+2m_{200}^{(20)}m_{021}^{(11)}m_{211}^{(22)}+m_{200}^{(20)}m_{021}^{(11)}m_{202}^{(21)}-m_{200}^{(20)}m_{021}^{(11)}m_{103}^{(10)}-2m_{200}^{(20)}m_{021}^{(11)}m_{013}^{(00)}\\
&+2m_{200}^{(20)}m_{021}^{(20)}m_{121}^{(21)}+m_{200}^{(20)}m_{021}^{(20)}m_{112}^{(11)}-3m_{200}^{(20)}m_{021}^{(20)}m_{022}^{(10)}-2m_{200}^{(20)}m_{021}^{(21)}m_{211}^{(21)}\\
&-m_{200}^{(20)}m_{021}^{(21)}m_{202}^{(11)}-m_{200}^{(20)}m_{021}^{(21)}m_{112}^{(10)}+4m_{200}^{(20)}m_{021}^{(21)}m_{022}^{(00)}+2m_{200}^{(20)}m_{021}^{(22)}m_{121}^{(10)}\\
&-2m_{200}^{(20)}m_{021}^{(22)}m_{031}^{(00)}-m_{200}^{(20)}m_{012}^{(00)}m_{040}^{(22)}-m_{200}^{(20)}m_{012}^{(00)}m_{031}^{(21)}+2m_{200}^{(20)}m_{012}^{(00)}m_{022}^{(11)}\\
&+2m_{200}^{(20)}m_{012}^{(10)}m_{130}^{(22)}+3m_{200}^{(20)}m_{012}^{(10)}m_{121}^{(21)}-2m_{200}^{(20)}m_{012}^{(10)}m_{112}^{(11)}-3m_{200}^{(20)}m_{012}^{(10)}m_{022}^{(10)}\\
&-m_{200}^{(20)}m_{012}^{(11)}m_{220}^{(22)}-2m_{200}^{(20)}m_{012}^{(11)}m_{211}^{(21)}+2m_{200}^{(20)}m_{012}^{(11)}m_{112}^{(10)}+m_{200}^{(20)}m_{012}^{(11)}m_{022}^{(00)}\\
&-m_{200}^{(20)}m_{012}^{(20)}m_{130}^{(21)}-2m_{200}^{(20)}m_{012}^{(20)}m_{121}^{(11)}+3m_{200}^{(20)}m_{012}^{(20)}m_{031}^{(10)}+m_{200}^{(20)}m_{012}^{(21)}m_{220}^{(21)}\\
&+2m_{200}^{(20)}m_{012}^{(21)}m_{211}^{(11)}-m_{200}^{(20)}m_{012}^{(21)}m_{121}^{(10)}-2m_{200}^{(20)}m_{012}^{(21)}m_{031}^{(00)}-m_{200}^{(20)}m_{012}^{(22)}m_{130}^{(10)}\\
&+m_{200}^{(20)}m_{012}^{(22)}m_{040}^{(00)}+m_{200}^{(20)}m_{003}^{(00)}m_{040}^{(21)}-m_{200}^{(20)}m_{003}^{(00)}m_{031}^{(11)}-2m_{200}^{(20)}m_{003}^{(10)}m_{130}^{(21)}\\
&+m_{200}^{(20)}m_{003}^{(10)}m_{121}^{(11)}+m_{200}^{(20)}m_{003}^{(10)}m_{031}^{(10)}+m_{200}^{(20)}m_{003}^{(11)}m_{220}^{(21)}-m_{200}^{(20)}m_{003}^{(11)}m_{121}^{(10)}\\
&+m_{200}^{(20)}m_{003}^{(20)}m_{130}^{(11)}-m_{200}^{(20)}m_{003}^{(20)}m_{040}^{(10)}-m_{200}^{(20)}m_{003}^{(21)}m_{220}^{(11)}+m_{200}^{(20)}m_{003}^{(21)}m_{130}^{(10)}\\
&+m_{200}^{(21)}m_{120}^{(00)}m_{022}^{(22)}-m_{200}^{(21)}m_{120}^{(00)}m_{004}^{(11)}-2m_{200}^{(21)}m_{120}^{(10)}m_{112}^{(22)}+m_{200}^{(21)}m_{120}^{(10)}m_{013}^{(20)}\\
&+m_{200}^{(21)}m_{120}^{(10)}m_{004}^{(10)}+m_{200}^{(21)}m_{120}^{(11)}m_{202}^{(22)}-m_{200}^{(21)}m_{120}^{(11)}m_{103}^{(20)}+2m_{200}^{(21)}m_{120}^{(20)}m_{103}^{(11)}\\
&-m_{200}^{(21)}m_{120}^{(20)}m_{022}^{(20)}-m_{200}^{(21)}m_{120}^{(20)}m_{013}^{(10)}+m_{200}^{(21)}m_{120}^{(21)}m_{112}^{(20)}-m_{200}^{(21)}m_{120}^{(21)}m_{103}^{(10)}\\
&-m_{200}^{(21)}m_{120}^{(22)}m_{202}^{(11)}+m_{200}^{(21)}m_{120}^{(22)}m_{112}^{(10)}-2m_{200}^{(21)}m_{111}^{(00)}m_{031}^{(22)}+2m_{200}^{(21)}m_{111}^{(00)}m_{013}^{(11)}\\
&+4m_{200}^{(21)}m_{111}^{(10)}m_{121}^{(22)}-2m_{200}^{(21)}m_{111}^{(10)}m_{022}^{(20)}-2m_{200}^{(21)}m_{111}^{(10)}m_{013}^{(10)}-2m_{200}^{(21)}m_{111}^{(11)}m_{211}^{(22)}\\
&+2m_{200}^{(21)}m_{111}^{(11)}m_{112}^{(20)}-4m_{200}^{(21)}m_{111}^{(20)}m_{112}^{(11)}+2m_{200}^{(21)}m_{111}^{(20)}m_{031}^{(20)}+2m_{200}^{(21)}m_{111}^{(20)}m_{022}^{(10)}\\
&-2m_{200}^{(21)}m_{111}^{(21)}m_{121}^{(20)}+2m_{200}^{(21)}m_{111}^{(21)}m_{112}^{(10)}+2m_{200}^{(21)}m_{111}^{(22)}m_{211}^{(11)}-2m_{200}^{(21)}m_{111}^{(22)}m_{121}^{(10)}\\
&+m_{200}^{(21)}m_{102}^{(00)}m_{040}^{(22)}-m_{200}^{(21)}m_{102}^{(00)}m_{022}^{(11)}-2m_{200}^{(21)}m_{102}^{(10)}m_{130}^{(22)}+m_{200}^{(21)}m_{102}^{(10)}m_{031}^{(20)}\\
&+m_{200}^{(21)}m_{102}^{(10)}m_{022}^{(10)}+m_{200}^{(21)}m_{102}^{(11)}m_{220}^{(22)}-m_{200}^{(21)}m_{102}^{(11)}m_{121}^{(20)}+2m_{200}^{(21)}m_{102}^{(20)}m_{121}^{(11)}
\end{aligned}
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\begin{aligned}
&-m_{200}^{(21)}m_{102}^{(20)}m_{040}^{(20)} - m_{200}^{(21)}m_{102}^{(20)}m_{031}^{(10)} + m_{200}^{(21)}m_{102}^{(21)}m_{130}^{(20)} - m_{200}^{(21)}m_{102}^{(21)}m_{121}^{(10)}\\
&-m_{200}^{(21)}m_{102}^{(22)}m_{220}^{(11)} + m_{200}^{(21)}m_{102}^{(22)}m_{130}^{(10)} - m_{200}^{(21)}m_{030}^{(00)}m_{013}^{(20)} + m_{200}^{(21)}m_{030}^{(00)}m_{004}^{(10)}\\
&+m_{200}^{(21)}m_{030}^{(10)}m_{103}^{(20)} - m_{200}^{(21)}m_{030}^{(10)}m_{004}^{(00)} + m_{200}^{(21)}m_{030}^{(20)}m_{112}^{(20)} - 2m_{200}^{(21)}m_{030}^{(20)}m_{103}^{(10)}\\
&+m_{200}^{(21)}m_{030}^{(20)}m_{013}^{(00)} - m_{200}^{(21)}m_{030}^{(21)}m_{202}^{(20)} + m_{200}^{(21)}m_{030}^{(21)}m_{103}^{(00)} + m_{200}^{(21)}m_{030}^{(22)}m_{202}^{(10)}\\
&-m_{200}^{(21)}m_{030}^{(22)}m_{112}^{(00)} + m_{200}^{(21)}m_{021}^{(00)}m_{022}^{(20)} - m_{200}^{(21)}m_{021}^{(00)}m_{013}^{(10)} - m_{200}^{(21)}m_{021}^{(10)}m_{103}^{(10)}\\
&+m_{200}^{(21)}m_{021}^{(10)}m_{013}^{(00)} - m_{200}^{(21)}m_{021}^{(11)}m_{202}^{(20)} + m_{200}^{(21)}m_{021}^{(11)}m_{103}^{(00)} - 2m_{200}^{(21)}m_{021}^{(20)}m_{121}^{(20)}\\
&+3m_{200}^{(21)}m_{021}^{(20)}m_{112}^{(10)} - m_{200}^{(21)}m_{021}^{(20)}m_{022}^{(00)} + 2m_{200}^{(21)}m_{021}^{(21)}m_{211}^{(20)} + m_{200}^{(21)}m_{021}^{(21)}m_{202}^{(10)}\\
&-3m_{200}^{(21)}m_{021}^{(21)}m_{112}^{(00)} - 2m_{200}^{(21)}m_{021}^{(22)}m_{211}^{(10)} + 2m_{200}^{(21)}m_{021}^{(22)}m_{121}^{(00)} + m_{200}^{(21)}m_{012}^{(00)}m_{031}^{(20)}\\
&-m_{200}^{(21)}m_{012}^{(00)}m_{022}^{(10)} - 3m_{200}^{(21)}m_{012}^{(10)}m_{121}^{(20)} + 2m_{200}^{(21)}m_{012}^{(10)}m_{112}^{(10)} + m_{200}^{(21)}m_{012}^{(10)}m_{022}^{(00)}\\
&+2m_{200}^{(21)}m_{012}^{(11)}m_{211}^{(20)} - 2m_{200}^{(21)}m_{012}^{(11)}m_{112}^{(00)} + m_{200}^{(21)}m_{012}^{(20)}m_{130}^{(20)} - m_{200}^{(21)}m_{012}^{(20)}m_{031}^{(00)}\\
&-m_{200}^{(21)}m_{012}^{(21)}m_{220}^{(20)} - 2m_{200}^{(21)}m_{012}^{(21)}m_{211}^{(10)} + 3m_{200}^{(21)}m_{012}^{(21)}m_{121}^{(00)} + m_{200}^{(21)}m_{012}^{(22)}m_{220}^{(10)}\\
&-m_{200}^{(21)}m_{012}^{(22)}m_{130}^{(00)} - m_{200}^{(21)}m_{003}^{(00)}m_{040}^{(20)} + m_{200}^{(21)}m_{003}^{(00)}m_{031}^{(10)} + 2m_{200}^{(21)}m_{003}^{(10)}m_{130}^{(20)}\\
&-m_{200}^{(21)}m_{003}^{(10)}m_{121}^{(10)} - m_{200}^{(21)}m_{003}^{(10)}m_{031}^{(00)} - m_{200}^{(21)}m_{003}^{(11)}m_{220}^{(20)} + m_{200}^{(21)}m_{003}^{(11)}m_{121}^{(00)}\\
&-m_{200}^{(21)}m_{003}^{(20)}m_{130}^{(10)} + m_{200}^{(21)}m_{003}^{(20)}m_{040}^{(00)} + m_{200}^{(21)}m_{003}^{(21)}m_{220}^{(10)} - m_{200}^{(21)}m_{003}^{(21)}m_{130}^{(00)}\\
&-m_{200}^{(22)}m_{120}^{(00)}m_{022}^{(21)} + m_{200}^{(22)}m_{120}^{(00)}m_{013}^{(11)} + 2m_{200}^{(22)}m_{120}^{(10)}m_{112}^{(21)} - m_{200}^{(22)}m_{120}^{(10)}m_{103}^{(11)}\\
&-m_{200}^{(22)}m_{120}^{(10)}m_{013}^{(10)} - m_{200}^{(22)}m_{120}^{(11)}m_{202}^{(21)} + m_{200}^{(22)}m_{120}^{(11)}m_{103}^{(10)} - m_{200}^{(22)}m_{120}^{(20)}m_{112}^{(11)}\\
&+m_{200}^{(22)}m_{120}^{(20)}m_{022}^{(10)} + m_{200}^{(22)}m_{120}^{(21)}m_{202}^{(11)} - m_{200}^{(22)}m_{120}^{(21)}m_{112}^{(10)} + 2m_{200}^{(22)}m_{111}^{(00)}m_{031}^{(21)}\\
&-2m_{200}^{(22)}m_{111}^{(00)}m_{022}^{(11)} - 4m_{200}^{(22)}m_{111}^{(10)}m_{121}^{(21)} + 2m_{200}^{(22)}m_{111}^{(10)}m_{112}^{(11)} + 2m_{200}^{(22)}m_{111}^{(10)}m_{022}^{(10)}\\
&+2m_{200}^{(22)}m_{111}^{(11)}m_{211}^{(21)} - 2m_{200}^{(22)}m_{111}^{(11)}m_{112}^{(10)} + 2m_{200}^{(22)}m_{111}^{(20)}m_{121}^{(11)} - 2m_{200}^{(22)}m_{111}^{(20)}m_{031}^{(10)}\\
&-2m_{200}^{(22)}m_{111}^{(21)}m_{211}^{(11)} + 2m_{200}^{(22)}m_{111}^{(21)}m_{121}^{(10)} - m_{200}^{(22)}m_{102}^{(00)}m_{040}^{(21)} + m_{200}^{(22)}m_{102}^{(00)}m_{031}^{(11)}\\
&+2m_{200}^{(22)}m_{102}^{(10)}m_{130}^{(21)} - m_{200}^{(22)}m_{102}^{(10)}m_{121}^{(11)} - m_{200}^{(22)}m_{102}^{(10)}m_{031}^{(10)} - m_{200}^{(22)}m_{102}^{(11)}m_{220}^{(21)}\\
&+m_{200}^{(22)}m_{102}^{(11)}m_{121}^{(10)} - m_{200}^{(22)}m_{102}^{(20)}m_{130}^{(11)} + m_{200}^{(22)}m_{102}^{(20)}m_{040}^{(10)} + m_{200}^{(22)}m_{102}^{(21)}m_{220}^{(11)}\\
&-m_{200}^{(22)}m_{102}^{(21)}m_{130}^{(10)} + m_{200}^{(22)}m_{030}^{(00)}m_{022}^{(20)} - m_{200}^{(22)}m_{030}^{(00)}m_{013}^{(10)} - 2m_{200}^{(22)}m_{030}^{(10)}m_{112}^{(20)}\\
&+m_{200}^{(22)}m_{030}^{(10)}m_{103}^{(10)} + m_{200}^{(22)}m_{030}^{(10)}m_{013}^{(00)} + m_{200}^{(22)}m_{030}^{(11)}m_{202}^{(20)} - m_{200}^{(22)}m_{030}^{(11)}m_{103}^{(00)}\\
&+m_{200}^{(22)}m_{030}^{(20)}m_{112}^{(10)} - m_{200}^{(22)}m_{030}^{(20)}m_{022}^{(00)} - m_{200}^{(22)}m_{030}^{(21)}m_{202}^{(10)} + m_{200}^{(22)}m_{030}^{(21)}m_{112}^{(00)}\\
&-2m_{200}^{(22)}m_{021}^{(00)}m_{031}^{(20)} + 2m_{200}^{(22)}m_{021}^{(00)}m_{022}^{(10)} + 4m_{200}^{(22)}m_{021}^{(10)}m_{121}^{(20)} - 2m_{200}^{(22)}m_{021}^{(10)}m_{112}^{(10)}\\
&-2m_{200}^{(22)}m_{021}^{(10)}m_{022}^{(00)} - 2m_{200}^{(22)}m_{021}^{(11)}m_{211}^{(20)} + 2m_{200}^{(22)}m_{021}^{(11)}m_{112}^{(00)} - 2m_{200}^{(22)}m_{021}^{(20)}m_{121}^{(10)}\\
&+2m_{200}^{(22)}m_{021}^{(20)}m_{031}^{(00)} + 2m_{200}^{(22)}m_{021}^{(21)}m_{211}^{(10)} - 2m_{200}^{(22)}m_{021}^{(21)}m_{121}^{(00)} + m_{200}^{(22)}m_{012}^{(00)}m_{040}^{(20)}\\
&-m_{200}^{(22)}m_{012}^{(00)}m_{031}^{(10)} - 2m_{200}^{(22)}m_{012}^{(10)}m_{130}^{(20)} + m_{200}^{(22)}m_{012}^{(10)}m_{121}^{(10)} + m_{200}^{(22)}m_{012}^{(10)}m_{031}^{(00)}\\
&+m_{200}^{(22)}m_{012}^{(11)}m_{220}^{(20)} - m_{200}^{(22)}m_{012}^{(11)}m_{121}^{(00)} + m_{200}^{(22)}m_{012}^{(20)}m_{130}^{(10)} - m_{200}^{(22)}m_{012}^{(20)}m_{040}^{(00)}\\
&-m_{200}^{(22)}m_{012}^{(21)}m_{220}^{(10)} + m_{200}^{(22)}m_{012}^{(21)}m_{130}^{(00)} + 2m_{110}^{(00)}m_{120}^{(10)}m_{013}^{(22)} - 2m_{110}^{(00)}m_{120}^{(10)}m_{004}^{(21)}\\
&-2m_{110}^{(00)}m_{120}^{(11)}m_{103}^{(22)} + 2m_{110}^{(00)}m_{120}^{(11)}m_{004}^{(20)} - 2m_{110}^{(00)}m_{120}^{(20)}m_{022}^{(22)} + 2m_{110}^{(00)}m_{120}^{(20)}m_{013}^{(21)}\\
&+2m_{110}^{(00)}m_{120}^{(21)}m_{112}^{(22)} + 2m_{110}^{(00)}m_{120}^{(21)}m_{103}^{(21)} - 4m_{110}^{(00)}m_{120}^{(21)}m_{013}^{(20)} - 2m_{110}^{(00)}m_{120}^{(22)}m_{112}^{(21)}\\
&+2m_{110}^{(00)}m_{120}^{(22)}m_{022}^{(20)} - 2m_{110}^{(00)}m_{111}^{(10)}m_{022}^{(22)} + 2m_{110}^{(00)}m_{111}^{(10)}m_{004}^{(11)} + 2m_{110}^{(00)}m_{111}^{(11)}m_{112}^{(22)}\\
&+2m_{110}^{(00)}m_{111}^{(11)}m_{103}^{(21)} - 2m_{110}^{(00)}m_{111}^{(11)}m_{013}^{(20)} - 2m_{110}^{(00)}m_{111}^{(11)}m_{004}^{(10)} + 2m_{110}^{(00)}m_{111}^{(20)}m_{031}^{(22)}\\
&-2m_{110}^{(00)}m_{111}^{(20)}m_{013}^{(11)} - 2m_{110}^{(00)}m_{111}^{(21)}m_{121}^{(22)} - 4m_{110}^{(00)}m_{111}^{(21)}m_{112}^{(21)} - 2m_{110}^{(00)}m_{111}^{(21)}m_{103}^{(11)}\\
&+4m_{110}^{(00)}m_{111}^{(21)}m_{022}^{(20)} + 4m_{110}^{(00)}m_{111}^{(21)}m_{013}^{(10)} + 2m_{110}^{(00)}m_{111}^{(22)}m_{121}^{(21)} + 2m_{110}^{(00)}m_{111}^{(22)}m_{112}^{(11)}\\
&-2m_{110}^{(00)}m_{111}^{(22)}m_{031}^{(20)} - 2m_{110}^{(00)}m_{111}^{(22)}m_{022}^{(10)} + 2m_{110}^{(00)}m_{102}^{(10)}m_{022}^{(21)} - 2m_{110}^{(00)}m_{102}^{(10)}m_{013}^{(11)}
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\begin{aligned}
&-2m_{110}^{(00)}m_{102}^{(11)}m_{112}^{(21)} + 2m_{110}^{(00)}m_{102}^{(11)}m_{013}^{(10)} - 2m_{110}^{(00)}m_{102}^{(20)}m_{031}^{(21)} + 2m_{110}^{(00)}m_{102}^{(20)}m_{022}^{(11)} \\
&+2m_{110}^{(00)}m_{102}^{(21)}m_{121}^{(21)} + 2m_{110}^{(00)}m_{102}^{(21)}m_{112}^{(11)} - 4m_{110}^{(00)}m_{102}^{(21)}m_{022}^{(10)} - 2m_{110}^{(00)}m_{102}^{(22)}m_{121}^{(11)} \\
&+2m_{110}^{(00)}m_{102}^{(22)}m_{031}^{(10)} - 2m_{110}^{(00)}m_{021}^{(10)}m_{112}^{(22)} + 2m_{110}^{(00)}m_{021}^{(10)}m_{103}^{(21)} + 2m_{110}^{(00)}m_{021}^{(11)}m_{202}^{(22)} \\
&-2m_{110}^{(00)}m_{021}^{(11)}m_{103}^{(20)} + 2m_{110}^{(00)}m_{021}^{(20)}m_{121}^{(22)} - 2m_{110}^{(00)}m_{021}^{(20)}m_{112}^{(21)} - 2m_{110}^{(00)}m_{021}^{(21)}m_{211}^{(22)} \\
&-2m_{110}^{(00)}m_{021}^{(21)}m_{202}^{(21)} + 4m_{110}^{(00)}m_{021}^{(21)}m_{112}^{(20)} + 2m_{110}^{(00)}m_{021}^{(22)}m_{211}^{(21)} - 2m_{110}^{(00)}m_{021}^{(22)}m_{121}^{(20)} \\
&+2m_{110}^{(00)}m_{012}^{(10)}m_{121}^{(22)} - 2m_{110}^{(00)}m_{012}^{(10)}m_{103}^{(11)} - 2m_{110}^{(00)}m_{012}^{(11)}m_{211}^{(22)} - 2m_{110}^{(00)}m_{012}^{(11)}m_{202}^{(21)} \\
&+2m_{110}^{(00)}m_{012}^{(11)}m_{112}^{(20)} + 2m_{110}^{(00)}m_{012}^{(11)}m_{103}^{(10)} - 2m_{110}^{(00)}m_{012}^{(20)}m_{130}^{(22)} + 2m_{110}^{(00)}m_{012}^{(20)}m_{112}^{(11)} \\
&+2m_{110}^{(00)}m_{012}^{(21)}m_{220}^{(22)} + 4m_{110}^{(00)}m_{012}^{(21)}m_{211}^{(21)} + 2m_{110}^{(00)}m_{012}^{(21)}m_{202}^{(11)} - 4m_{110}^{(00)}m_{012}^{(21)}m_{121}^{(20)} \\
&-4m_{110}^{(00)}m_{012}^{(21)}m_{112}^{(10)} - 2m_{110}^{(00)}m_{012}^{(22)}m_{220}^{(21)} - 2m_{110}^{(00)}m_{012}^{(22)}m_{211}^{(11)} + 2m_{110}^{(00)}m_{012}^{(22)}m_{130}^{(20)} \\
&+2m_{110}^{(00)}m_{012}^{(22)}m_{121}^{(10)} - 2m_{110}^{(00)}m_{003}^{(10)}m_{121}^{(21)} + 2m_{110}^{(00)}m_{003}^{(10)}m_{112}^{(11)} + 2m_{110}^{(00)}m_{003}^{(11)}m_{211}^{(21)} \\
&-2m_{110}^{(00)}m_{003}^{(11)}m_{112}^{(10)} + 2m_{110}^{(00)}m_{003}^{(20)}m_{130}^{(21)} - 2m_{110}^{(00)}m_{003}^{(20)}m_{121}^{(11)} - 2m_{110}^{(00)}m_{003}^{(21)}m_{220}^{(21)} \\
&-2m_{110}^{(00)}m_{003}^{(21)}m_{211}^{(11)} + 4m_{110}^{(00)}m_{003}^{(21)}m_{121}^{(10)} + 2m_{110}^{(00)}m_{003}^{(22)}m_{220}^{(11)} - 2m_{110}^{(00)}m_{003}^{(22)}m_{130}^{(10)} \\
&-2m_{110}^{(10)}m_{210}^{(10)}m_{013}^{(22)} + 2m_{110}^{(10)}m_{210}^{(10)}m_{004}^{(21)} + 2m_{110}^{(10)}m_{210}^{(11)}m_{103}^{(22)} - 2m_{110}^{(10)}m_{210}^{(11)}m_{004}^{(20)} \\
&+2m_{110}^{(10)}m_{210}^{(20)}m_{022}^{(22)} - 2m_{110}^{(10)}m_{210}^{(20)}m_{013}^{(21)} - 2m_{110}^{(10)}m_{210}^{(21)}m_{112}^{(22)} - 2m_{110}^{(10)}m_{210}^{(21)}m_{103}^{(21)} \\
&+4m_{110}^{(10)}m_{210}^{(21)}m_{013}^{(20)} + 2m_{110}^{(10)}m_{210}^{(22)}m_{112}^{(21)} - 2m_{110}^{(10)}m_{210}^{(22)}m_{022}^{(20)} + 2m_{110}^{(10)}m_{201}^{(10)}m_{022}^{(22)} \\
&-2m_{110}^{(10)}m_{201}^{(10)}m_{013}^{(21)} - 2m_{110}^{(10)}m_{201}^{(11)}m_{112}^{(22)} + 2m_{110}^{(10)}m_{201}^{(11)}m_{013}^{(20)} - 2m_{110}^{(10)}m_{201}^{(20)}m_{031}^{(22)} \\
&+2m_{110}^{(10)}m_{201}^{(20)}m_{022}^{(21)} + 2m_{110}^{(10)}m_{201}^{(21)}m_{121}^{(22)} + 2m_{110}^{(10)}m_{201}^{(21)}m_{112}^{(21)} - 4m_{110}^{(10)}m_{201}^{(21)}m_{022}^{(20)} \\
&-2m_{110}^{(10)}m_{201}^{(22)}m_{121}^{(21)} + 2m_{110}^{(10)}m_{201}^{(22)}m_{031}^{(20)} - 2m_{110}^{(10)}m_{120}^{(00)}m_{013}^{(22)} + 2m_{110}^{(10)}m_{120}^{(00)}m_{004}^{(21)} \\
&+2m_{110}^{(10)}m_{120}^{(10)}m_{103}^{(22)} - 2m_{110}^{(10)}m_{120}^{(10)}m_{004}^{(20)} + 2m_{110}^{(10)}m_{120}^{(20)}m_{112}^{(22)} - 4m_{110}^{(10)}m_{120}^{(20)}m_{103}^{(21)} \\
&+2m_{110}^{(10)}m_{120}^{(20)}m_{013}^{(20)} - 2m_{110}^{(10)}m_{120}^{(21)}m_{202}^{(22)} + 2m_{110}^{(10)}m_{120}^{(21)}m_{103}^{(20)} + 2m_{110}^{(10)}m_{120}^{(22)}m_{202}^{(21)} \\
&-2m_{110}^{(10)}m_{120}^{(22)}m_{112}^{(20)} + 2m_{110}^{(10)}m_{111}^{(00)}m_{022}^{(22)} - 2m_{110}^{(10)}m_{111}^{(00)}m_{004}^{(11)} - 4m_{110}^{(10)}m_{111}^{(10)}m_{103}^{(21)} \\
&+4m_{110}^{(10)}m_{111}^{(10)}m_{013}^{(20)} - 2m_{110}^{(10)}m_{111}^{(11)}m_{202}^{(22)} + 2m_{110}^{(10)}m_{111}^{(11)}m_{004}^{(00)} - 4m_{110}^{(10)}m_{111}^{(20)}m_{121}^{(22)} \\
&+4m_{110}^{(10)}m_{111}^{(20)}m_{112}^{(21)} + 4m_{110}^{(10)}m_{111}^{(20)}m_{103}^{(11)} - 4m_{110}^{(10)}m_{111}^{(20)}m_{022}^{(20)} + 4m_{110}^{(10)}m_{111}^{(21)}m_{211}^{(22)} \\
&+4m_{110}^{(10)}m_{111}^{(21)}m_{202}^{(21)} - 4m_{110}^{(10)}m_{111}^{(21)}m_{112}^{(20)} - 4m_{110}^{(10)}m_{111}^{(21)}m_{013}^{(00)} - 4m_{110}^{(10)}m_{111}^{(22)}m_{211}^{(21)} \\
&-2m_{110}^{(10)}m_{111}^{(22)}m_{202}^{(11)} + 4m_{110}^{(10)}m_{111}^{(22)}m_{121}^{(20)} + 2m_{110}^{(10)}m_{111}^{(22)}m_{022}^{(00)} - 2m_{110}^{(10)}m_{102}^{(00)}m_{022}^{(21)} \\
&+2m_{110}^{(10)}m_{102}^{(00)}m_{013}^{(11)} - 2m_{110}^{(10)}m_{102}^{(10)}m_{121}^{(22)} + 4m_{110}^{(10)}m_{102}^{(10)}m_{112}^{(21)} - 2m_{110}^{(10)}m_{102}^{(10)}m_{022}^{(20)} \\
&+2m_{110}^{(10)}m_{102}^{(11)}m_{211}^{(22)} - 2m_{110}^{(10)}m_{102}^{(11)}m_{013}^{(00)} + 2m_{110}^{(10)}m_{102}^{(20)}m_{130}^{(22)} - 4m_{110}^{(10)}m_{102}^{(20)}m_{112}^{(11)} \\
&+2m_{110}^{(10)}m_{102}^{(20)}m_{031}^{(20)} - 2m_{110}^{(10)}m_{102}^{(21)}m_{220}^{(22)} - 4m_{110}^{(10)}m_{102}^{(21)}m_{211}^{(21)} + 2m_{110}^{(10)}m_{102}^{(21)}m_{121}^{(20)} \\
&+4m_{110}^{(10)}m_{102}^{(21)}m_{022}^{(00)} + 2m_{110}^{(10)}m_{102}^{(22)}m_{220}^{(21)} + 2m_{110}^{(10)}m_{102}^{(22)}m_{211}^{(11)} - 2m_{110}^{(10)}m_{102}^{(22)}m_{130}^{(20)} \\
&-2m_{110}^{(10)}m_{102}^{(22)}m_{031}^{(00)} + 2m_{110}^{(10)}m_{021}^{(00)}m_{112}^{(22)} - 2m_{110}^{(10)}m_{021}^{(00)}m_{103}^{(21)} - 2m_{110}^{(10)}m_{021}^{(10)}m_{202}^{(22)} \\
&+2m_{110}^{(10)}m_{021}^{(10)}m_{103}^{(20)} - 2m_{110}^{(10)}m_{021}^{(20)}m_{211}^{(22)} + 4m_{110}^{(10)}m_{021}^{(20)}m_{202}^{(21)} - 2m_{110}^{(10)}m_{021}^{(20)}m_{112}^{(20)} \\
&+2m_{110}^{(10)}m_{021}^{(21)}m_{301}^{(22)} - 2m_{110}^{(10)}m_{021}^{(21)}m_{202}^{(20)} - 2m_{110}^{(10)}m_{021}^{(22)}m_{301}^{(21)} + 2m_{110}^{(10)}m_{021}^{(22)}m_{211}^{(20)} \\
&-2m_{110}^{(10)}m_{012}^{(00)}m_{121}^{(22)} + 2m_{110}^{(10)}m_{012}^{(00)}m_{103}^{(11)} + 2m_{110}^{(10)}m_{012}^{(10)}m_{211}^{(22)} + 2m_{110}^{(10)}m_{012}^{(10)}m_{202}^{(21)} \\
&-4m_{110}^{(10)}m_{012}^{(10)}m_{112}^{(20)} + 2m_{110}^{(10)}m_{012}^{(11)}m_{202}^{(20)} - 2m_{110}^{(10)}m_{012}^{(11)}m_{103}^{(00)} + 2m_{110}^{(10)}m_{012}^{(20)}m_{220}^{(22)} \\
&-2m_{110}^{(10)}m_{012}^{(20)}m_{211}^{(21)} - 4m_{110}^{(10)}m_{012}^{(20)}m_{202}^{(11)} + 4m_{110}^{(10)}m_{012}^{(20)}m_{121}^{(20)} - 2m_{110}^{(10)}m_{012}^{(21)}m_{310}^{(22)} \\
&-2m_{110}^{(10)}m_{012}^{(21)}m_{301}^{(21)} + 4m_{110}^{(10)}m_{012}^{(21)}m_{112}^{(00)} + 2m_{110}^{(10)}m_{012}^{(22)}m_{310}^{(21)} + 2m_{110}^{(10)}m_{012}^{(22)}m_{301}^{(11)} \\
&-2m_{110}^{(10)}m_{012}^{(22)}m_{220}^{(20)} - 2m_{110}^{(10)}m_{012}^{(22)}m_{121}^{(00)} + 2m_{110}^{(10)}m_{003}^{(00)}m_{121}^{(21)} - 2m_{110}^{(10)}m_{003}^{(00)}m_{112}^{(11)} \\
&-2m_{110}^{(10)}m_{003}^{(10)}m_{211}^{(21)} + 2m_{110}^{(10)}m_{003}^{(10)}m_{121}^{(20)} - 2m_{110}^{(10)}m_{003}^{(11)}m_{211}^{(20)} + 2m_{110}^{(10)}m_{003}^{(11)}m_{112}^{(00)}
\end{aligned}
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\begin{aligned}
&-2m_{110}^{(10)}m_{003}^{(20)}m_{220}^{(21)} + 4m_{110}^{(10)}m_{003}^{(20)}m_{211}^{(11)} - 2m_{110}^{(10)}m_{003}^{(20)}m_{130}^{(20)} + 2m_{110}^{(10)}m_{003}^{(21)}m_{310}^{(21)} \\
&+2m_{110}^{(10)}m_{003}^{(21)}m_{220}^{(20)} - 4m_{110}^{(10)}m_{003}^{(21)}m_{121}^{(00)} - 2m_{110}^{(10)}m_{003}^{(22)}m_{310}^{(11)} + 2m_{110}^{(10)}m_{003}^{(22)}m_{130}^{(00)} \\
&+2m_{110}^{(11)}m_{210}^{(00)}m_{013}^{(22)} - 2m_{110}^{(11)}m_{210}^{(00)}m_{004}^{(21)} - 2m_{110}^{(11)}m_{210}^{(10)}m_{103}^{(22)} + 2m_{110}^{(11)}m_{210}^{(10)}m_{004}^{(20)} \\
&-2m_{110}^{(11)}m_{210}^{(20)}m_{112}^{(22)} + 4m_{110}^{(11)}m_{210}^{(20)}m_{103}^{(21)} - 2m_{110}^{(11)}m_{210}^{(20)}m_{013}^{(20)} + 2m_{110}^{(11)}m_{210}^{(21)}m_{202}^{(22)} \\
&-2m_{110}^{(11)}m_{210}^{(21)}m_{103}^{(20)} - 2m_{110}^{(11)}m_{210}^{(22)}m_{202}^{(21)} + 2m_{110}^{(11)}m_{210}^{(22)}m_{112}^{(20)} - 2m_{110}^{(11)}m_{201}^{(00)}m_{022}^{(22)} \\
&+2m_{110}^{(11)}m_{201}^{(00)}m_{013}^{(21)} + 2m_{110}^{(11)}m_{201}^{(10)}m_{112}^{(22)} - 2m_{110}^{(11)}m_{201}^{(10)}m_{013}^{(20)} + 2m_{110}^{(11)}m_{201}^{(20)}m_{121}^{(22)} \\
&-4m_{110}^{(11)}m_{201}^{(20)}m_{112}^{(21)} + 2m_{110}^{(11)}m_{201}^{(20)}m_{022}^{(20)} - 2m_{110}^{(11)}m_{201}^{(21)}m_{211}^{(22)} + 2m_{110}^{(11)}m_{201}^{(21)}m_{112}^{(20)} \\
&+2m_{110}^{(11)}m_{201}^{(22)}m_{211}^{(21)} - 2m_{110}^{(11)}m_{201}^{(22)}m_{121}^{(20)} - 2m_{110}^{(11)}m_{111}^{(00)}m_{112}^{(22)} + 2m_{110}^{(11)}m_{111}^{(00)}m_{103}^{(21)} \\
&-2m_{110}^{(11)}m_{111}^{(00)}m_{013}^{(20)} + 2m_{110}^{(11)}m_{111}^{(00)}m_{004}^{(10)} + 2m_{110}^{(11)}m_{111}^{(10)}m_{202}^{(22)} - 2m_{110}^{(11)}m_{111}^{(10)}m_{004}^{(00)} \\
&+2m_{110}^{(11)}m_{111}^{(20)}m_{211}^{(22)} - 4m_{110}^{(11)}m_{111}^{(20)}m_{202}^{(21)} + 4m_{110}^{(11)}m_{111}^{(20)}m_{112}^{(20)} - 4m_{110}^{(11)}m_{111}^{(20)}m_{103}^{(10)} \\
&+2m_{110}^{(11)}m_{111}^{(20)}m_{013}^{(00)} - 2m_{110}^{(11)}m_{111}^{(21)}m_{301}^{(22)} + 2m_{110}^{(11)}m_{111}^{(21)}m_{103}^{(00)} + 2m_{110}^{(11)}m_{111}^{(22)}m_{301}^{(21)} \\
&-2m_{110}^{(11)}m_{111}^{(22)}m_{211}^{(20)} + 2m_{110}^{(11)}m_{111}^{(22)}m_{202}^{(10)} - 2m_{110}^{(11)}m_{111}^{(22)}m_{112}^{(00)} + 2m_{110}^{(11)}m_{102}^{(00)}m_{121}^{(22)} \\
&-2m_{110}^{(11)}m_{102}^{(00)}m_{112}^{(21)} + 2m_{110}^{(11)}m_{102}^{(00)}m_{022}^{(20)} - 2m_{110}^{(11)}m_{102}^{(00)}m_{013}^{(10)} - 2m_{110}^{(11)}m_{102}^{(10)}m_{211}^{(22)} \\
&+2m_{110}^{(11)}m_{102}^{(10)}m_{013}^{(00)} - 2m_{110}^{(11)}m_{102}^{(20)}m_{220}^{(22)} + 4m_{110}^{(11)}m_{102}^{(20)}m_{211}^{(21)} - 4m_{110}^{(11)}m_{102}^{(20)}m_{121}^{(20)} \\
&+4m_{110}^{(11)}m_{102}^{(20)}m_{112}^{(10)} - 2m_{110}^{(11)}m_{102}^{(20)}m_{022}^{(00)} + 2m_{110}^{(11)}m_{102}^{(21)}m_{310}^{(22)} - 2m_{110}^{(11)}m_{102}^{(21)}m_{112}^{(00)} \\
&-2m_{110}^{(11)}m_{102}^{(22)}m_{310}^{(21)} + 2m_{110}^{(11)}m_{102}^{(22)}m_{220}^{(20)} - 2m_{110}^{(11)}m_{102}^{(22)}m_{211}^{(10)} + 2m_{110}^{(11)}m_{102}^{(22)}m_{121}^{(00)} \\
&+2m_{110}^{(11)}m_{012}^{(00)}m_{112}^{(20)} - 2m_{110}^{(11)}m_{012}^{(00)}m_{103}^{(10)} - 2m_{110}^{(11)}m_{012}^{(10)}m_{202}^{(20)} + 2m_{110}^{(11)}m_{012}^{(10)}m_{103}^{(00)} \\
&-2m_{110}^{(11)}m_{012}^{(20)}m_{211}^{(20)} + 4m_{110}^{(11)}m_{012}^{(20)}m_{202}^{(10)} - 2m_{110}^{(11)}m_{012}^{(20)}m_{112}^{(00)} + 2m_{110}^{(11)}m_{012}^{(21)}m_{301}^{(20)} \\
&-2m_{110}^{(11)}m_{012}^{(21)}m_{202}^{(00)} - 2m_{110}^{(11)}m_{012}^{(22)}m_{301}^{(10)} + 2m_{110}^{(11)}m_{012}^{(22)}m_{211}^{(00)} - 2m_{110}^{(11)}m_{003}^{(00)}m_{121}^{(20)} \\
&+2m_{110}^{(11)}m_{003}^{(00)}m_{112}^{(10)} + 2m_{110}^{(11)}m_{003}^{(10)}m_{211}^{(20)} - 2m_{110}^{(11)}m_{003}^{(10)}m_{112}^{(00)} + 2m_{110}^{(11)}m_{003}^{(20)}m_{220}^{(20)} \\
&-4m_{110}^{(11)}m_{003}^{(20)}m_{211}^{(10)} + 2m_{110}^{(11)}m_{003}^{(20)}m_{121}^{(00)} - 2m_{110}^{(11)}m_{003}^{(21)}m_{310}^{(20)} + 2m_{110}^{(11)}m_{003}^{(21)}m_{211}^{(00)} \\
&+2m_{110}^{(11)}m_{003}^{(22)}m_{310}^{(10)} - 2m_{110}^{(11)}m_{003}^{(22)}m_{220}^{(00)} + 2m_{110}^{(20)}m_{210}^{(10)}m_{013}^{(21)} - 2m_{110}^{(20)}m_{210}^{(10)}m_{004}^{(11)} \\
&-2m_{110}^{(20)}m_{210}^{(11)}m_{103}^{(21)} + 2m_{110}^{(20)}m_{210}^{(11)}m_{004}^{(10)} - 2m_{110}^{(20)}m_{210}^{(20)}m_{022}^{(21)} + 2m_{110}^{(20)}m_{210}^{(20)}m_{013}^{(11)} \\
&+2m_{110}^{(20)}m_{210}^{(21)}m_{112}^{(21)} + 2m_{110}^{(20)}m_{210}^{(21)}m_{103}^{(11)} - 4m_{110}^{(20)}m_{210}^{(21)}m_{013}^{(10)} - 2m_{110}^{(20)}m_{210}^{(22)}m_{112}^{(11)} \\
&+2m_{110}^{(20)}m_{210}^{(22)}m_{022}^{(10)} - 2m_{110}^{(20)}m_{201}^{(10)}m_{022}^{(21)} + 2m_{110}^{(20)}m_{201}^{(10)}m_{013}^{(11)} + 2m_{110}^{(20)}m_{201}^{(11)}m_{112}^{(21)} \\
&-2m_{110}^{(20)}m_{201}^{(11)}m_{013}^{(10)} + 2m_{110}^{(20)}m_{201}^{(20)}m_{031}^{(21)} - 2m_{110}^{(20)}m_{201}^{(20)}m_{022}^{(11)} - 2m_{110}^{(20)}m_{201}^{(21)}m_{121}^{(21)} \\
&-2m_{110}^{(20)}m_{201}^{(21)}m_{112}^{(11)} + 4m_{110}^{(20)}m_{201}^{(21)}m_{022}^{(10)} + 2m_{110}^{(20)}m_{201}^{(22)}m_{121}^{(11)} - 2m_{110}^{(20)}m_{201}^{(22)}m_{031}^{(10)} \\
&+2m_{110}^{(20)}m_{120}^{(00)}m_{022}^{(22)} - 2m_{110}^{(20)}m_{120}^{(00)}m_{013}^{(21)} - 4m_{110}^{(20)}m_{120}^{(10)}m_{112}^{(22)} + 2m_{110}^{(20)}m_{120}^{(10)}m_{103}^{(21)} \\
&+2m_{110}^{(20)}m_{120}^{(10)}m_{004}^{(10)} + 2m_{110}^{(20)}m_{120}^{(11)}m_{202}^{(22)} - 2m_{110}^{(20)}m_{120}^{(11)}m_{004}^{(00)} + 2m_{110}^{(20)}m_{120}^{(20)}m_{112}^{(21)} \\
&-2m_{110}^{(20)}m_{120}^{(20)}m_{013}^{(10)} - 2m_{110}^{(20)}m_{120}^{(21)}m_{202}^{(21)} - 2m_{110}^{(20)}m_{120}^{(21)}m_{103}^{(10)} + 4m_{110}^{(20)}m_{120}^{(21)}m_{013}^{(00)} \\
&+2m_{110}^{(20)}m_{120}^{(22)}m_{112}^{(10)} - 2m_{110}^{(20)}m_{120}^{(22)}m_{022}^{(00)} - 2m_{110}^{(20)}m_{111}^{(00)}m_{031}^{(22)} + 2m_{110}^{(20)}m_{111}^{(00)}m_{013}^{(11)} \\
&+4m_{110}^{(20)}m_{111}^{(10)}m_{121}^{(22)} - 4m_{110}^{(20)}m_{111}^{(10)}m_{013}^{(10)} - 2m_{110}^{(20)}m_{111}^{(11)}m_{211}^{(22)} + 2m_{110}^{(20)}m_{111}^{(11)}m_{013}^{(00)} \\
&-4m_{110}^{(20)}m_{111}^{(20)}m_{112}^{(11)} + 4m_{110}^{(20)}m_{111}^{(20)}m_{022}^{(10)} + 4m_{110}^{(20)}m_{111}^{(21)}m_{112}^{(10)} - 4m_{110}^{(20)}m_{111}^{(21)}m_{022}^{(00)} \\
&+2m_{110}^{(20)}m_{111}^{(22)}m_{211}^{(11)} - 4m_{110}^{(20)}m_{111}^{(22)}m_{121}^{(10)} + 2m_{110}^{(20)}m_{111}^{(22)}m_{031}^{(00)} + 2m_{110}^{(20)}m_{102}^{(00)}m_{031}^{(21)} \\
&-2m_{110}^{(20)}m_{102}^{(00)}m_{022}^{(11)} - 2m_{110}^{(20)}m_{102}^{(10)}m_{121}^{(21)} + 2m_{110}^{(20)}m_{102}^{(10)}m_{022}^{(10)} - 2m_{110}^{(20)}m_{102}^{(20)}m_{130}^{(21)} \\
&+4m_{110}^{(20)}m_{102}^{(20)}m_{121}^{(11)} - 2m_{110}^{(20)}m_{102}^{(20)}m_{031}^{(10)} + 2m_{110}^{(20)}m_{102}^{(21)}m_{220}^{(21)} - 2m_{110}^{(20)}m_{102}^{(21)}m_{121}^{(10)} \\
&-2m_{110}^{(20)}m_{102}^{(22)}m_{220}^{(11)} + 2m_{110}^{(20)}m_{102}^{(22)}m_{130}^{(10)} - 2m_{110}^{(20)}m_{021}^{(00)}m_{121}^{(22)} + 2m_{110}^{(20)}m_{021}^{(00)}m_{112}^{(21)} \\
&+4m_{110}^{(20)}m_{021}^{(10)}m_{211}^{(22)} - 2m_{110}^{(20)}m_{021}^{(10)}m_{202}^{(21)} - 2m_{110}^{(20)}m_{021}^{(10)}m_{103}^{(10)} - 2m_{110}^{(20)}m_{021}^{(11)}m_{301}^{(22)}
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\begin{aligned}
&+2m_{110}^{(20)}m_{021}^{(11)}m_{103}^{(00)} - 2m_{110}^{(20)}m_{021}^{(20)}m_{211}^{(21)} + 2m_{110}^{(20)}m_{021}^{(20)}m_{112}^{(10)} + 2m_{110}^{(20)}m_{021}^{(21)}m_{301}^{(21)}\\
&+2m_{110}^{(20)}m_{021}^{(21)}m_{202}^{(10)} - 4m_{110}^{(20)}m_{021}^{(21)}m_{112}^{(00)} - 2m_{110}^{(20)}m_{021}^{(22)}m_{211}^{(10)} + 2m_{110}^{(20)}m_{021}^{(22)}m_{121}^{(00)}\\
&+2m_{110}^{(20)}m_{012}^{(00)}m_{130}^{(22)} - 2m_{110}^{(20)}m_{012}^{(00)}m_{112}^{(11)} - 4m_{110}^{(20)}m_{012}^{(10)}m_{220}^{(22)} - 2m_{110}^{(20)}m_{012}^{(10)}m_{211}^{(21)}\\
&+2m_{110}^{(20)}m_{012}^{(10)}m_{202}^{(11)} + 4m_{110}^{(20)}m_{012}^{(10)}m_{112}^{(10)} + 2m_{110}^{(20)}m_{012}^{(11)}m_{310}^{(22)} + 2m_{110}^{(20)}m_{012}^{(11)}m_{301}^{(21)}\\
&-2m_{110}^{(20)}m_{012}^{(11)}m_{202}^{(10)} - 2m_{110}^{(20)}m_{012}^{(11)}m_{112}^{(00)} + 2m_{110}^{(20)}m_{012}^{(20)}m_{220}^{(21)} + 2m_{110}^{(20)}m_{012}^{(20)}m_{211}^{(11)}\\
&-4m_{110}^{(20)}m_{012}^{(20)}m_{121}^{(10)} - 2m_{110}^{(20)}m_{012}^{(21)}m_{310}^{(21)} - 2m_{110}^{(20)}m_{012}^{(21)}m_{301}^{(11)} + 4m_{110}^{(20)}m_{012}^{(21)}m_{121}^{(00)}\\
&+2m_{110}^{(20)}m_{012}^{(22)}m_{220}^{(10)} - 2m_{110}^{(20)}m_{012}^{(22)}m_{130}^{(00)} - 2m_{110}^{(20)}m_{003}^{(00)}m_{130}^{(21)} + 2m_{110}^{(20)}m_{003}^{(00)}m_{121}^{(11)}\\
&+4m_{110}^{(20)}m_{003}^{(10)}m_{220}^{(21)} - 2m_{110}^{(20)}m_{003}^{(10)}m_{211}^{(11)} - 2m_{110}^{(20)}m_{003}^{(10)}m_{121}^{(10)} - 2m_{110}^{(20)}m_{003}^{(11)}m_{310}^{(21)}\\
&+2m_{110}^{(20)}m_{003}^{(11)}m_{211}^{(10)} - 2m_{110}^{(20)}m_{003}^{(20)}m_{220}^{(11)} + 2m_{110}^{(20)}m_{003}^{(20)}m_{130}^{(10)} + 2m_{110}^{(20)}m_{003}^{(21)}m_{310}^{(11)}\\
&-2m_{110}^{(20)}m_{003}^{(21)}m_{220}^{(10)} - 2m_{110}^{(21)}m_{210}^{(00)}m_{022}^{(22)} + 2m_{110}^{(21)}m_{210}^{(00)}m_{004}^{(11)} + 4m_{110}^{(21)}m_{210}^{(10)}m_{112}^{(22)}\\
&-2m_{110}^{(21)}m_{210}^{(10)}m_{013}^{(20)} - 2m_{110}^{(21)}m_{210}^{(10)}m_{004}^{(10)} - 2m_{110}^{(21)}m_{210}^{(11)}m_{202}^{(22)} + 2m_{110}^{(21)}m_{210}^{(11)}m_{103}^{(20)}\\
&-4m_{110}^{(21)}m_{210}^{(20)}m_{103}^{(11)} + 2m_{110}^{(21)}m_{210}^{(20)}m_{022}^{(20)} + 2m_{110}^{(21)}m_{210}^{(20)}m_{013}^{(10)} - 2m_{110}^{(21)}m_{210}^{(21)}m_{112}^{(20)}\\
&+2m_{110}^{(21)}m_{210}^{(21)}m_{103}^{(10)} + 2m_{110}^{(21)}m_{210}^{(22)}m_{202}^{(11)} - 2m_{110}^{(21)}m_{210}^{(22)}m_{112}^{(10)} + 2m_{110}^{(21)}m_{201}^{(00)}m_{031}^{(22)}\\
&-2m_{110}^{(21)}m_{201}^{(00)}m_{013}^{(11)} - 4m_{110}^{(21)}m_{201}^{(10)}m_{121}^{(22)} + 2m_{110}^{(21)}m_{201}^{(10)}m_{022}^{(20)} + 2m_{110}^{(21)}m_{201}^{(10)}m_{013}^{(10)}\\
&+2m_{110}^{(21)}m_{201}^{(11)}m_{211}^{(22)} - 2m_{110}^{(21)}m_{201}^{(11)}m_{112}^{(20)} + 4m_{110}^{(21)}m_{201}^{(20)}m_{112}^{(11)} - 2m_{110}^{(21)}m_{201}^{(20)}m_{031}^{(20)}\\
&-2m_{110}^{(21)}m_{201}^{(20)}m_{022}^{(10)} + 2m_{110}^{(21)}m_{201}^{(21)}m_{121}^{(20)} - 2m_{110}^{(21)}m_{201}^{(21)}m_{112}^{(10)} - 2m_{110}^{(21)}m_{201}^{(22)}m_{211}^{(11)}\\
&+2m_{110}^{(21)}m_{201}^{(22)}m_{121}^{(10)} + 2m_{110}^{(21)}m_{120}^{(00)}m_{013}^{(20)} - 2m_{110}^{(21)}m_{120}^{(00)}m_{004}^{(10)} - 2m_{110}^{(21)}m_{120}^{(10)}m_{103}^{(20)}\\
&+2m_{110}^{(21)}m_{120}^{(10)}m_{004}^{(00)} - 2m_{110}^{(21)}m_{120}^{(20)}m_{112}^{(20)} + 4m_{110}^{(21)}m_{120}^{(20)}m_{103}^{(10)} - 2m_{110}^{(21)}m_{120}^{(20)}m_{013}^{(00)}\\
&+2m_{110}^{(21)}m_{120}^{(21)}m_{202}^{(20)} - 2m_{110}^{(21)}m_{120}^{(21)}m_{103}^{(00)} - 2m_{110}^{(21)}m_{120}^{(22)}m_{202}^{(10)} + 2m_{110}^{(21)}m_{120}^{(22)}m_{112}^{(00)}\\
&+2m_{110}^{(21)}m_{111}^{(00)}m_{121}^{(22)} - 2m_{110}^{(21)}m_{111}^{(00)}m_{103}^{(11)} - 4m_{110}^{(21)}m_{111}^{(10)}m_{211}^{(22)} + 4m_{110}^{(21)}m_{111}^{(10)}m_{103}^{(10)}\\
&+2m_{110}^{(21)}m_{111}^{(11)}m_{301}^{(22)} - 2m_{110}^{(21)}m_{111}^{(11)}m_{103}^{(00)} + 4m_{110}^{(21)}m_{111}^{(20)}m_{202}^{(11)} - 4m_{110}^{(21)}m_{111}^{(20)}m_{112}^{(10)}\\
&-4m_{110}^{(21)}m_{111}^{(21)}m_{202}^{(10)} + 4m_{110}^{(21)}m_{111}^{(21)}m_{112}^{(00)} - 2m_{110}^{(21)}m_{111}^{(22)}m_{301}^{(11)} + 4m_{110}^{(21)}m_{111}^{(22)}m_{211}^{(10)}\\
&-2m_{110}^{(21)}m_{111}^{(22)}m_{121}^{(00)} - 2m_{110}^{(21)}m_{102}^{(00)}m_{130}^{(22)} + 2m_{110}^{(21)}m_{102}^{(00)}m_{112}^{(11)} - 2m_{110}^{(21)}m_{102}^{(00)}m_{031}^{(20)}\\
&+2m_{110}^{(21)}m_{102}^{(00)}m_{022}^{(10)} + 4m_{110}^{(21)}m_{102}^{(10)}m_{220}^{(22)} + 2m_{110}^{(21)}m_{102}^{(10)}m_{121}^{(20)} - 4m_{110}^{(21)}m_{102}^{(10)}m_{112}^{(10)}\\
&-2m_{110}^{(21)}m_{102}^{(10)}m_{022}^{(00)} - 2m_{110}^{(21)}m_{102}^{(11)}m_{310}^{(22)} + 2m_{110}^{(21)}m_{102}^{(11)}m_{112}^{(00)} - 4m_{110}^{(21)}m_{102}^{(20)}m_{211}^{(11)}\\
&+2m_{110}^{(21)}m_{102}^{(20)}m_{130}^{(20)} + 2m_{110}^{(21)}m_{102}^{(20)}m_{031}^{(00)} - 2m_{110}^{(21)}m_{102}^{(21)}m_{220}^{(20)} + 4m_{110}^{(21)}m_{102}^{(21)}m_{211}^{(10)}\\
&-2m_{110}^{(21)}m_{102}^{(21)}m_{121}^{(00)} + 2m_{110}^{(21)}m_{102}^{(22)}m_{310}^{(11)} - 2m_{110}^{(21)}m_{102}^{(22)}m_{220}^{(10)} - 2m_{110}^{(21)}m_{021}^{(00)}m_{112}^{(20)}\\
&+2m_{110}^{(21)}m_{021}^{(00)}m_{103}^{(10)} + 2m_{110}^{(21)}m_{021}^{(10)}m_{202}^{(20)} - 2m_{110}^{(21)}m_{021}^{(10)}m_{103}^{(00)} + 2m_{110}^{(21)}m_{021}^{(20)}m_{211}^{(20)}\\
&-4m_{110}^{(21)}m_{021}^{(20)}m_{202}^{(10)} + 2m_{110}^{(21)}m_{021}^{(20)}m_{112}^{(00)} - 2m_{110}^{(21)}m_{021}^{(21)}m_{301}^{(20)} + 2m_{110}^{(21)}m_{021}^{(21)}m_{202}^{(00)}\\
&+2m_{110}^{(21)}m_{021}^{(22)}m_{301}^{(10)} - 2m_{110}^{(21)}m_{021}^{(22)}m_{211}^{(00)} + 2m_{110}^{(21)}m_{012}^{(10)}m_{211}^{(20)} - 2m_{110}^{(21)}m_{012}^{(10)}m_{202}^{(10)}\\
&-2m_{110}^{(21)}m_{012}^{(11)}m_{301}^{(20)} + 2m_{110}^{(21)}m_{012}^{(11)}m_{202}^{(00)} - 2m_{110}^{(21)}m_{012}^{(20)}m_{220}^{(20)} + 2m_{110}^{(21)}m_{012}^{(20)}m_{211}^{(10)}\\
&+2m_{110}^{(21)}m_{012}^{(21)}m_{310}^{(20)} + 2m_{110}^{(21)}m_{012}^{(21)}m_{301}^{(10)} - 4m_{110}^{(21)}m_{012}^{(21)}m_{211}^{(00)} - 2m_{110}^{(21)}m_{012}^{(22)}m_{310}^{(10)}\\
&+2m_{110}^{(21)}m_{012}^{(22)}m_{220}^{(00)} + 2m_{110}^{(21)}m_{003}^{(00)}m_{130}^{(20)} - 2m_{110}^{(21)}m_{003}^{(00)}m_{121}^{(10)} - 4m_{110}^{(21)}m_{003}^{(10)}m_{220}^{(20)}\\
&+2m_{110}^{(21)}m_{003}^{(10)}m_{211}^{(10)} + 2m_{110}^{(21)}m_{003}^{(10)}m_{121}^{(00)} + 2m_{110}^{(21)}m_{003}^{(11)}m_{310}^{(20)} - 2m_{110}^{(21)}m_{003}^{(11)}m_{211}^{(00)}\\
&+2m_{110}^{(21)}m_{003}^{(20)}m_{220}^{(10)} - 2m_{110}^{(21)}m_{003}^{(20)}m_{130}^{(00)} - 2m_{110}^{(21)}m_{003}^{(21)}m_{310}^{(10)} + 2m_{110}^{(21)}m_{003}^{(21)}m_{220}^{(00)}\\
&+2m_{110}^{(22)}m_{210}^{(00)}m_{022}^{(21)} - 2m_{110}^{(22)}m_{210}^{(00)}m_{013}^{(11)} - 4m_{110}^{(22)}m_{210}^{(10)}m_{112}^{(21)} + 2m_{110}^{(22)}m_{210}^{(10)}m_{103}^{(11)}\\
&+2m_{110}^{(22)}m_{210}^{(10)}m_{013}^{(10)} + 2m_{110}^{(22)}m_{210}^{(11)}m_{202}^{(21)} - 2m_{110}^{(22)}m_{210}^{(11)}m_{103}^{(10)} + 2m_{110}^{(22)}m_{210}^{(20)}m_{112}^{(11)}\\
&-2m_{110}^{(22)}m_{210}^{(20)}m_{022}^{(10)} - 2m_{110}^{(22)}m_{210}^{(21)}m_{202}^{(11)} + 2m_{110}^{(22)}m_{210}^{(21)}m_{112}^{(10)} - 2m_{110}^{(22)}m_{201}^{(00)}m_{031}^{(21)}
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\begin{aligned}
&+2m_{110}^{(22)}m_{201}^{(00)}m_{022}^{(11)} + 4m_{110}^{(22)}m_{201}^{(10)}m_{121}^{(21)} - 2m_{110}^{(22)}m_{201}^{(10)}m_{112}^{(11)} - 2m_{110}^{(22)}m_{201}^{(10)}m_{022}^{(10)}\\
&-2m_{110}^{(22)}m_{201}^{(11)}m_{211}^{(21)} + 2m_{110}^{(22)}m_{201}^{(11)}m_{112}^{(10)} - 2m_{110}^{(22)}m_{201}^{(20)}m_{121}^{(11)} + 2m_{110}^{(22)}m_{201}^{(20)}m_{031}^{(10)}\\
&+2m_{110}^{(22)}m_{201}^{(21)}m_{211}^{(11)} - 2m_{110}^{(22)}m_{201}^{(21)}m_{121}^{(10)} - 2m_{110}^{(22)}m_{120}^{(00)}m_{022}^{(20)} + 2m_{110}^{(22)}m_{120}^{(00)}m_{013}^{(10)}\\
&+4m_{110}^{(22)}m_{120}^{(10)}m_{112}^{(20)} - 2m_{110}^{(22)}m_{120}^{(10)}m_{103}^{(10)} - 2m_{110}^{(22)}m_{120}^{(10)}m_{013}^{(00)} - 2m_{110}^{(22)}m_{120}^{(11)}m_{202}^{(20)}\\
&+2m_{110}^{(22)}m_{120}^{(11)}m_{103}^{(00)} - 2m_{110}^{(22)}m_{120}^{(20)}m_{112}^{(10)} + 2m_{110}^{(22)}m_{120}^{(20)}m_{022}^{(00)} + 2m_{110}^{(22)}m_{120}^{(21)}m_{202}^{(10)}\\
&-2m_{110}^{(22)}m_{120}^{(21)}m_{112}^{(00)} - 2m_{110}^{(22)}m_{111}^{(00)}m_{121}^{(21)} + 2m_{110}^{(22)}m_{111}^{(00)}m_{112}^{(11)} + 2m_{110}^{(22)}m_{111}^{(00)}m_{031}^{(20)}\\
&-2m_{110}^{(22)}m_{111}^{(00)}m_{022}^{(10)} + 4m_{110}^{(22)}m_{111}^{(10)}m_{211}^{(21)} - 2m_{110}^{(22)}m_{111}^{(10)}m_{202}^{(11)} - 4m_{110}^{(22)}m_{111}^{(10)}m_{121}^{(20)}\\
&+2m_{110}^{(22)}m_{111}^{(10)}m_{022}^{(00)} - 2m_{110}^{(22)}m_{111}^{(11)}m_{301}^{(21)} + 2m_{110}^{(22)}m_{111}^{(11)}m_{211}^{(20)} + 2m_{110}^{(22)}m_{111}^{(11)}m_{202}^{(10)}\\
&-2m_{110}^{(22)}m_{111}^{(11)}m_{112}^{(00)} - 2m_{110}^{(22)}m_{111}^{(20)}m_{211}^{(11)} + 4m_{110}^{(22)}m_{111}^{(20)}m_{121}^{(10)} - 2m_{110}^{(22)}m_{111}^{(20)}m_{031}^{(00)}\\
&+2m_{110}^{(22)}m_{111}^{(21)}m_{301}^{(11)} - 4m_{110}^{(22)}m_{111}^{(21)}m_{211}^{(10)} + 2m_{110}^{(22)}m_{111}^{(21)}m_{121}^{(00)} + 2m_{110}^{(22)}m_{102}^{(00)}m_{130}^{(21)}\\
&-2m_{110}^{(22)}m_{102}^{(00)}m_{121}^{(11)} - 4m_{110}^{(22)}m_{102}^{(10)}m_{220}^{(21)} + 2m_{110}^{(22)}m_{102}^{(10)}m_{211}^{(11)} + 2m_{110}^{(22)}m_{102}^{(10)}m_{121}^{(10)}\\
&+2m_{110}^{(22)}m_{102}^{(11)}m_{310}^{(21)} - 2m_{110}^{(22)}m_{102}^{(11)}m_{211}^{(10)} + 2m_{110}^{(22)}m_{102}^{(20)}m_{220}^{(11)} - 2m_{110}^{(22)}m_{102}^{(20)}m_{130}^{(10)}\\
&-2m_{110}^{(22)}m_{102}^{(21)}m_{310}^{(11)} + 2m_{110}^{(22)}m_{102}^{(21)}m_{220}^{(10)} + 2m_{110}^{(22)}m_{021}^{(00)}m_{121}^{(20)} - 2m_{110}^{(22)}m_{021}^{(00)}m_{112}^{(10)}\\
&-4m_{110}^{(22)}m_{021}^{(10)}m_{211}^{(20)} + 2m_{110}^{(22)}m_{021}^{(10)}m_{202}^{(10)} + 2m_{110}^{(22)}m_{021}^{(10)}m_{112}^{(00)} + 2m_{110}^{(22)}m_{021}^{(11)}m_{301}^{(20)}\\
&-2m_{110}^{(22)}m_{021}^{(11)}m_{202}^{(00)} + 2m_{110}^{(22)}m_{021}^{(20)}m_{211}^{(10)} - 2m_{110}^{(22)}m_{021}^{(20)}m_{121}^{(00)} - 2m_{110}^{(22)}m_{021}^{(21)}m_{301}^{(10)}\\
&+2m_{110}^{(22)}m_{021}^{(21)}m_{211}^{(00)} - 2m_{110}^{(22)}m_{012}^{(00)}m_{130}^{(20)} + 2m_{110}^{(22)}m_{012}^{(00)}m_{121}^{(10)} + 4m_{110}^{(22)}m_{012}^{(10)}m_{220}^{(20)}\\
&-2m_{110}^{(22)}m_{012}^{(10)}m_{211}^{(10)} - 2m_{110}^{(22)}m_{012}^{(10)}m_{121}^{(00)} - 2m_{110}^{(22)}m_{012}^{(11)}m_{310}^{(20)} + 2m_{110}^{(22)}m_{012}^{(11)}m_{211}^{(00)}\\
&-2m_{110}^{(22)}m_{012}^{(20)}m_{220}^{(10)} + 2m_{110}^{(22)}m_{012}^{(20)}m_{130}^{(00)} + 2m_{110}^{(22)}m_{012}^{(21)}m_{310}^{(10)} - 2m_{110}^{(22)}m_{012}^{(21)}m_{220}^{(00)}\\
&-2m_{101}^{(00)}m_{120}^{(10)}m_{022}^{(22)} + 2m_{101}^{(00)}m_{120}^{(10)}m_{013}^{(21)} + 2m_{101}^{(00)}m_{120}^{(11)}m_{112}^{(22)} - 2m_{101}^{(00)}m_{120}^{(11)}m_{013}^{(20)}\\
&+2m_{101}^{(00)}m_{120}^{(20)}m_{031}^{(22)} - 2m_{101}^{(00)}m_{120}^{(20)}m_{022}^{(21)} - 2m_{101}^{(00)}m_{120}^{(21)}m_{121}^{(22)} - 2m_{101}^{(00)}m_{120}^{(21)}m_{112}^{(21)}\\
&+4m_{101}^{(00)}m_{120}^{(21)}m_{022}^{(20)} + 2m_{101}^{(00)}m_{120}^{(22)}m_{121}^{(21)} - 2m_{101}^{(00)}m_{120}^{(22)}m_{031}^{(20)} + 2m_{101}^{(00)}m_{111}^{(10)}m_{031}^{(22)}\\
&-2m_{101}^{(00)}m_{111}^{(10)}m_{013}^{(11)} - 2m_{101}^{(00)}m_{111}^{(11)}m_{121}^{(22)} - 2m_{101}^{(00)}m_{111}^{(11)}m_{112}^{(21)} + 2m_{101}^{(00)}m_{111}^{(11)}m_{022}^{(20)}\\
&+2m_{101}^{(00)}m_{111}^{(11)}m_{013}^{(10)} - 2m_{101}^{(00)}m_{111}^{(20)}m_{040}^{(22)} + 2m_{101}^{(00)}m_{111}^{(20)}m_{022}^{(11)} + 2m_{101}^{(00)}m_{111}^{(21)}m_{130}^{(22)}\\
&+4m_{101}^{(00)}m_{111}^{(21)}m_{121}^{(21)} + 2m_{101}^{(00)}m_{111}^{(21)}m_{112}^{(11)} - 4m_{101}^{(00)}m_{111}^{(21)}m_{031}^{(20)} - 4m_{101}^{(00)}m_{111}^{(21)}m_{022}^{(10)}\\
&-2m_{101}^{(00)}m_{111}^{(22)}m_{130}^{(21)} - 2m_{101}^{(00)}m_{111}^{(22)}m_{121}^{(11)} + 2m_{101}^{(00)}m_{111}^{(22)}m_{040}^{(20)} + 2m_{101}^{(00)}m_{111}^{(22)}m_{031}^{(10)}\\
&-2m_{101}^{(00)}m_{102}^{(10)}m_{031}^{(21)} + 2m_{101}^{(00)}m_{102}^{(10)}m_{022}^{(11)} + 2m_{101}^{(00)}m_{102}^{(11)}m_{121}^{(21)} - 2m_{101}^{(00)}m_{102}^{(11)}m_{022}^{(10)}\\
&+2m_{101}^{(00)}m_{102}^{(20)}m_{040}^{(21)} - 2m_{101}^{(00)}m_{102}^{(20)}m_{031}^{(11)} - 2m_{101}^{(00)}m_{102}^{(21)}m_{130}^{(21)} - 2m_{101}^{(00)}m_{102}^{(21)}m_{121}^{(11)}\\
&+4m_{101}^{(00)}m_{102}^{(21)}m_{031}^{(10)} + 2m_{101}^{(00)}m_{102}^{(22)}m_{130}^{(11)} - 2m_{101}^{(00)}m_{102}^{(22)}m_{040}^{(10)} + 2m_{101}^{(00)}m_{030}^{(10)}m_{112}^{(22)}\\
&-2m_{101}^{(00)}m_{030}^{(10)}m_{103}^{(21)} - 2m_{101}^{(00)}m_{030}^{(11)}m_{202}^{(22)} + 2m_{101}^{(00)}m_{030}^{(11)}m_{103}^{(20)} - 2m_{101}^{(00)}m_{030}^{(20)}m_{031}^{(22)}\\
&+2m_{101}^{(00)}m_{030}^{(20)}m_{112}^{(21)} + 2m_{101}^{(00)}m_{030}^{(21)}m_{211}^{(22)} + 2m_{101}^{(00)}m_{030}^{(21)}m_{202}^{(21)} - 4m_{101}^{(00)}m_{030}^{(21)}m_{112}^{(20)}\\
&-2m_{101}^{(00)}m_{030}^{(22)}m_{211}^{(21)} + 2m_{101}^{(00)}m_{030}^{(22)}m_{121}^{(20)} - 2m_{101}^{(00)}m_{021}^{(10)}m_{121}^{(22)} + 2m_{101}^{(00)}m_{021}^{(10)}m_{103}^{(11)}\\
&+2m_{101}^{(00)}m_{021}^{(11)}m_{211}^{(22)} + 2m_{101}^{(00)}m_{021}^{(11)}m_{202}^{(21)} - 2m_{101}^{(00)}m_{021}^{(11)}m_{112}^{(20)} - 2m_{101}^{(00)}m_{021}^{(11)}m_{103}^{(10)}\\
&+2m_{101}^{(00)}m_{021}^{(20)}m_{130}^{(22)} - 2m_{101}^{(00)}m_{021}^{(20)}m_{112}^{(11)} - 2m_{101}^{(00)}m_{021}^{(21)}m_{220}^{(22)} - 4m_{101}^{(00)}m_{021}^{(21)}m_{211}^{(21)}\\
&-2m_{101}^{(00)}m_{021}^{(21)}m_{202}^{(11)} + 4m_{101}^{(00)}m_{021}^{(21)}m_{121}^{(20)} + 4m_{101}^{(00)}m_{021}^{(21)}m_{112}^{(10)} + 2m_{101}^{(00)}m_{021}^{(22)}m_{220}^{(21)}\\
&+2m_{101}^{(00)}m_{021}^{(22)}m_{211}^{(11)} - 2m_{101}^{(00)}m_{021}^{(22)}m_{130}^{(20)} - 2m_{101}^{(00)}m_{021}^{(22)}m_{121}^{(10)} + 2m_{101}^{(00)}m_{012}^{(10)}m_{121}^{(21)}\\
&-2m_{101}^{(00)}m_{012}^{(10)}m_{112}^{(11)} - 2m_{101}^{(00)}m_{012}^{(11)}m_{211}^{(21)} + 2m_{101}^{(00)}m_{012}^{(11)}m_{112}^{(10)} - 2m_{101}^{(00)}m_{012}^{(20)}m_{130}^{(21)}\\
&+2m_{101}^{(00)}m_{012}^{(20)}m_{121}^{(11)} + 2m_{101}^{(00)}m_{012}^{(21)}m_{220}^{(21)} + 2m_{101}^{(00)}m_{012}^{(21)}m_{211}^{(11)} - 4m_{101}^{(00)}m_{012}^{(21)}m_{121}^{(10)}\\
&-2m_{101}^{(00)}m_{012}^{(22)}m_{220}^{(11)} + 2m_{101}^{(00)}m_{012}^{(22)}m_{130}^{(10)} + 2m_{101}^{(10)}m_{210}^{(10)}m_{022}^{(22)} - 2m_{101}^{(10)}m_{210}^{(10)}m_{013}^{(21)}
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&-2m_{101}^{(10)}m_{210}^{(11)}m_{112}^{(22)} + 2m_{101}^{(10)}m_{210}^{(11)}m_{013}^{(20)} - 2m_{101}^{(10)}m_{210}^{(20)}m_{031}^{(22)} + 2m_{101}^{(10)}m_{210}^{(20)}m_{022}^{(21)} \\
&+2m_{101}^{(10)}m_{210}^{(21)}m_{121}^{(22)} + 2m_{101}^{(10)}m_{210}^{(21)}m_{112}^{(21)} - 4m_{101}^{(10)}m_{210}^{(21)}m_{022}^{(20)} - 2m_{101}^{(10)}m_{210}^{(22)}m_{121}^{(21)} \\
&+2m_{101}^{(10)}m_{210}^{(22)}m_{031}^{(20)} - 2m_{101}^{(10)}m_{201}^{(10)}m_{031}^{(22)} + 2m_{101}^{(10)}m_{201}^{(10)}m_{022}^{(21)} + 2m_{101}^{(10)}m_{201}^{(11)}m_{121}^{(22)} \\
&-2m_{101}^{(10)}m_{201}^{(11)}m_{022}^{(20)} + 2m_{101}^{(10)}m_{201}^{(20)}m_{040}^{(22)} - 2m_{101}^{(10)}m_{201}^{(20)}m_{031}^{(21)} - 2m_{101}^{(10)}m_{201}^{(21)}m_{130}^{(22)} \\
&-2m_{101}^{(10)}m_{201}^{(21)}m_{121}^{(21)} + 4m_{101}^{(10)}m_{201}^{(21)}m_{031}^{(20)} + 2m_{101}^{(10)}m_{201}^{(22)}m_{130}^{(21)} - 2m_{101}^{(10)}m_{201}^{(22)}m_{040}^{(20)} \\
&+2m_{101}^{(10)}m_{120}^{(00)}m_{022}^{(22)} - 2m_{101}^{(10)}m_{120}^{(00)}m_{013}^{(21)} - 4m_{101}^{(10)}m_{120}^{(10)}m_{112}^{(22)} + 2m_{101}^{(10)}m_{120}^{(10)}m_{103}^{(21)} \\
&+2m_{101}^{(10)}m_{120}^{(10)}m_{013}^{(20)} + 2m_{101}^{(10)}m_{120}^{(11)}m_{202}^{(22)} - 2m_{101}^{(10)}m_{120}^{(11)}m_{103}^{(20)} + 2m_{101}^{(10)}m_{120}^{(20)}m_{112}^{(21)} \\
&-2m_{101}^{(10)}m_{120}^{(20)}m_{022}^{(20)} - 2m_{101}^{(10)}m_{120}^{(21)}m_{202}^{(21)} + 2m_{101}^{(10)}m_{120}^{(21)}m_{112}^{(20)} - 2m_{101}^{(10)}m_{111}^{(00)}m_{031}^{(22)} \\
&+2m_{101}^{(10)}m_{111}^{(00)}m_{013}^{(11)} + 4m_{101}^{(10)}m_{111}^{(10)}m_{121}^{(22)} - 4m_{101}^{(10)}m_{111}^{(10)}m_{022}^{(20)} - 2m_{101}^{(10)}m_{111}^{(11)}m_{211}^{(22)} \\
&+4m_{101}^{(10)}m_{111}^{(11)}m_{112}^{(20)} - 2m_{101}^{(10)}m_{111}^{(11)}m_{013}^{(00)} - 4m_{101}^{(10)}m_{111}^{(20)}m_{112}^{(11)} + 4m_{101}^{(10)}m_{111}^{(20)}m_{031}^{(20)} \\
&-4m_{101}^{(10)}m_{111}^{(21)}m_{121}^{(20)} + 4m_{101}^{(10)}m_{111}^{(21)}m_{022}^{(00)} + 2m_{101}^{(10)}m_{111}^{(22)}m_{211}^{(11)} - 2m_{101}^{(10)}m_{111}^{(22)}m_{031}^{(00)} \\
&+2m_{101}^{(10)}m_{102}^{(00)}m_{031}^{(21)} - 2m_{101}^{(10)}m_{102}^{(00)}m_{022}^{(11)} - 2m_{101}^{(10)}m_{102}^{(10)}m_{121}^{(21)} + 2m_{101}^{(10)}m_{102}^{(10)}m_{031}^{(20)} \\
&-2m_{101}^{(10)}m_{102}^{(11)}m_{121}^{(20)} + 2m_{101}^{(10)}m_{102}^{(11)}m_{022}^{(00)} - 2m_{101}^{(10)}m_{102}^{(20)}m_{130}^{(21)} + 4m_{101}^{(10)}m_{102}^{(20)}m_{121}^{(11)} \\
&-2m_{101}^{(10)}m_{102}^{(20)}m_{040}^{(20)} + 2m_{101}^{(10)}m_{102}^{(21)}m_{220}^{(21)} + 2m_{101}^{(10)}m_{102}^{(21)}m_{130}^{(20)} - 4m_{101}^{(10)}m_{102}^{(21)}m_{031}^{(00)} \\
&-2m_{101}^{(10)}m_{102}^{(22)}m_{220}^{(11)} + 2m_{101}^{(10)}m_{102}^{(22)}m_{040}^{(00)} - 2m_{101}^{(10)}m_{030}^{(00)}m_{112}^{(22)} + 2m_{101}^{(10)}m_{030}^{(00)}m_{103}^{(21)} \\
&+2m_{101}^{(10)}m_{030}^{(10)}m_{202}^{(22)} - 2m_{101}^{(10)}m_{030}^{(10)}m_{103}^{(20)} + 2m_{101}^{(10)}m_{030}^{(20)}m_{211}^{(22)} - 4m_{101}^{(10)}m_{030}^{(20)}m_{202}^{(21)} \\
&+2m_{101}^{(10)}m_{030}^{(20)}m_{112}^{(20)} - 2m_{101}^{(10)}m_{030}^{(21)}m_{301}^{(22)} + 2m_{101}^{(10)}m_{030}^{(21)}m_{202}^{(20)} + 2m_{101}^{(10)}m_{030}^{(22)}m_{301}^{(21)} \\
&-2m_{101}^{(10)}m_{030}^{(22)}m_{211}^{(20)} + 2m_{101}^{(10)}m_{021}^{(00)}m_{121}^{(22)} - 2m_{101}^{(10)}m_{021}^{(00)}m_{103}^{(11)} - 2m_{101}^{(10)}m_{021}^{(10)}m_{211}^{(22)} \\
&-2m_{101}^{(10)}m_{021}^{(10)}m_{202}^{(21)} + 4m_{101}^{(10)}m_{021}^{(10)}m_{112}^{(20)} - 2m_{101}^{(10)}m_{021}^{(11)}m_{202}^{(20)} + 2m_{101}^{(10)}m_{021}^{(11)}m_{103}^{(00)} \\
&-2m_{101}^{(10)}m_{021}^{(20)}m_{220}^{(22)} + 2m_{101}^{(10)}m_{021}^{(20)}m_{211}^{(21)} + 4m_{101}^{(10)}m_{021}^{(20)}m_{202}^{(11)} - 4m_{101}^{(10)}m_{021}^{(20)}m_{121}^{(20)} \\
&+2m_{101}^{(10)}m_{021}^{(21)}m_{310}^{(22)} + 2m_{101}^{(10)}m_{021}^{(21)}m_{301}^{(21)} - 4m_{101}^{(10)}m_{021}^{(21)}m_{112}^{(00)} - 2m_{101}^{(10)}m_{021}^{(22)}m_{310}^{(21)} \\
&-2m_{101}^{(10)}m_{021}^{(22)}m_{301}^{(11)} + 2m_{101}^{(10)}m_{021}^{(22)}m_{220}^{(20)} + 2m_{101}^{(10)}m_{021}^{(22)}m_{121}^{(00)} - 2m_{101}^{(10)}m_{012}^{(00)}m_{121}^{(21)} \\
&+2m_{101}^{(10)}m_{012}^{(00)}m_{112}^{(11)} + 2m_{101}^{(10)}m_{012}^{(10)}m_{211}^{(21)} - 2m_{101}^{(10)}m_{012}^{(10)}m_{121}^{(20)} + 2m_{101}^{(10)}m_{012}^{(11)}m_{211}^{(20)} \\
&-2m_{101}^{(10)}m_{012}^{(11)}m_{112}^{(00)} + 2m_{101}^{(10)}m_{012}^{(20)}m_{220}^{(21)} - 4m_{101}^{(10)}m_{012}^{(20)}m_{211}^{(11)} + 2m_{101}^{(10)}m_{012}^{(20)}m_{130}^{(20)} \\
&-2m_{101}^{(10)}m_{012}^{(21)}m_{310}^{(21)} - 2m_{101}^{(10)}m_{012}^{(21)}m_{220}^{(20)} + 4m_{101}^{(10)}m_{012}^{(21)}m_{121}^{(00)} + 2m_{101}^{(10)}m_{012}^{(22)}m_{310}^{(11)} \\
&-2m_{101}^{(10)}m_{012}^{(22)}m_{130}^{(00)} - 2m_{101}^{(11)}m_{210}^{(00)}m_{022}^{(22)} + 2m_{101}^{(11)}m_{210}^{(00)}m_{013}^{(21)} + 2m_{101}^{(11)}m_{210}^{(10)}m_{112}^{(22)} \\
&-2m_{101}^{(11)}m_{210}^{(10)}m_{013}^{(20)} + 2m_{101}^{(11)}m_{210}^{(20)}m_{121}^{(22)} - 4m_{101}^{(11)}m_{210}^{(20)}m_{112}^{(21)} + 2m_{101}^{(11)}m_{210}^{(20)}m_{022}^{(20)} \\
&-2m_{101}^{(11)}m_{210}^{(21)}m_{211}^{(22)} + 2m_{101}^{(11)}m_{210}^{(21)}m_{112}^{(20)} + 2m_{101}^{(11)}m_{210}^{(22)}m_{211}^{(21)} - 2m_{101}^{(11)}m_{210}^{(22)}m_{121}^{(20)} \\
&+2m_{101}^{(11)}m_{201}^{(00)}m_{031}^{(22)} - 2m_{101}^{(11)}m_{201}^{(00)}m_{022}^{(21)} - 2m_{101}^{(11)}m_{201}^{(10)}m_{121}^{(22)} + 2m_{101}^{(11)}m_{201}^{(10)}m_{022}^{(20)} \\
&-2m_{101}^{(11)}m_{201}^{(20)}m_{130}^{(22)} + 4m_{101}^{(11)}m_{201}^{(20)}m_{121}^{(21)} - 2m_{101}^{(11)}m_{201}^{(20)}m_{031}^{(20)} + 2m_{101}^{(11)}m_{201}^{(21)}m_{220}^{(22)} \\
&-2m_{101}^{(11)}m_{201}^{(21)}m_{121}^{(20)} - 2m_{101}^{(11)}m_{201}^{(22)}m_{220}^{(21)} + 2m_{101}^{(11)}m_{201}^{(22)}m_{130}^{(20)} + 2m_{101}^{(11)}m_{120}^{(00)}m_{112}^{(22)} \\
&-2m_{101}^{(11)}m_{120}^{(00)}m_{103}^{(21)} - 2m_{101}^{(11)}m_{120}^{(10)}m_{202}^{(22)} + 2m_{101}^{(11)}m_{120}^{(10)}m_{103}^{(20)} - 2m_{101}^{(11)}m_{120}^{(20)}m_{211}^{(22)} \\
&+4m_{101}^{(11)}m_{120}^{(20)}m_{202}^{(21)} - 2m_{101}^{(11)}m_{120}^{(20)}m_{112}^{(20)} + 2m_{101}^{(11)}m_{120}^{(21)}m_{301}^{(22)} - 2m_{101}^{(11)}m_{120}^{(21)}m_{202}^{(20)} \\
&-2m_{101}^{(11)}m_{120}^{(22)}m_{301}^{(21)} + 2m_{101}^{(11)}m_{120}^{(22)}m_{211}^{(20)} - 2m_{101}^{(11)}m_{111}^{(00)}m_{121}^{(22)} + 2m_{101}^{(11)}m_{111}^{(00)}m_{112}^{(21)} \\
&+2m_{101}^{(11)}m_{111}^{(00)}m_{022}^{(20)} - 2m_{101}^{(11)}m_{111}^{(00)}m_{013}^{(10)} + 2m_{101}^{(11)}m_{111}^{(10)}m_{211}^{(22)} - 4m_{101}^{(11)}m_{111}^{(10)}m_{112}^{(20)} \\
&+2m_{101}^{(11)}m_{111}^{(10)}m_{013}^{(00)} + 2m_{101}^{(11)}m_{111}^{(20)}m_{220}^{(22)} - 4m_{101}^{(11)}m_{111}^{(20)}m_{211}^{(21)} + 4m_{101}^{(11)}m_{111}^{(20)}m_{112}^{(10)} \\
&-2m_{101}^{(11)}m_{111}^{(20)}m_{022}^{(00)} - 2m_{101}^{(11)}m_{111}^{(21)}m_{310}^{(22)} + 4m_{101}^{(11)}m_{111}^{(21)}m_{211}^{(20)} - 2m_{101}^{(11)}m_{111}^{(21)}m_{112}^{(00)} \\
&+2m_{101}^{(11)}m_{111}^{(22)}m_{310}^{(21)} - 2m_{101}^{(11)}m_{111}^{(22)}m_{220}^{(20)} - 2m_{101}^{(11)}m_{111}^{(22)}m_{211}^{(10)} + 2m_{101}^{(11)}m_{111}^{(22)}m_{121}^{(00)}
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&-2m_{101}^{(11)}m_{102}^{(00)}m_{031}^{(20)} + 2m_{101}^{(11)}m_{102}^{(00)}m_{022}^{(10)} + 2m_{101}^{(11)}m_{102}^{(10)}m_{121}^{(20)} - 2m_{101}^{(11)}m_{102}^{(10)}m_{022}^{(00)}\\
&+2m_{101}^{(11)}m_{102}^{(20)}m_{130}^{(20)} - 4m_{101}^{(11)}m_{102}^{(20)}m_{121}^{(10)} + 2m_{101}^{(11)}m_{102}^{(20)}m_{031}^{(00)} - 2m_{101}^{(11)}m_{102}^{(21)}m_{220}^{(20)}\\
&+2m_{101}^{(11)}m_{102}^{(21)}m_{121}^{(00)} + 2m_{101}^{(11)}m_{102}^{(22)}m_{220}^{(10)} - 2m_{101}^{(11)}m_{102}^{(22)}m_{130}^{(00)} - 2m_{101}^{(11)}m_{021}^{(00)}m_{112}^{(20)}\\
&+2m_{101}^{(11)}m_{021}^{(00)}m_{103}^{(10)} + 2m_{101}^{(11)}m_{021}^{(10)}m_{202}^{(20)} - 2m_{101}^{(11)}m_{021}^{(10)}m_{103}^{(00)} + 2m_{101}^{(11)}m_{021}^{(20)}m_{211}^{(20)}\\
&-4m_{101}^{(11)}m_{021}^{(20)}m_{202}^{(10)} + 2m_{101}^{(11)}m_{021}^{(20)}m_{112}^{(00)} - 2m_{101}^{(11)}m_{021}^{(21)}m_{301}^{(20)} + 2m_{101}^{(11)}m_{021}^{(21)}m_{202}^{(00)}\\
&+2m_{101}^{(11)}m_{021}^{(22)}m_{301}^{(10)} - 2m_{101}^{(11)}m_{021}^{(22)}m_{211}^{(00)} + 2m_{101}^{(11)}m_{012}^{(00)}m_{121}^{(20)} - 2m_{101}^{(11)}m_{012}^{(00)}m_{112}^{(10)}\\
&-2m_{101}^{(11)}m_{012}^{(10)}m_{211}^{(20)} + 2m_{101}^{(11)}m_{012}^{(10)}m_{112}^{(00)} - 2m_{101}^{(11)}m_{012}^{(20)}m_{220}^{(20)} + 4m_{101}^{(11)}m_{012}^{(20)}m_{211}^{(10)}\\
&-2m_{101}^{(11)}m_{012}^{(20)}m_{121}^{(00)} + 2m_{101}^{(11)}m_{012}^{(21)}m_{310}^{(20)} - 2m_{101}^{(11)}m_{012}^{(21)}m_{211}^{(00)} - 2m_{101}^{(11)}m_{012}^{(22)}m_{310}^{(10)}\\
&+2m_{101}^{(11)}m_{012}^{(22)}m_{220}^{(00)} - 2m_{101}^{(20)}m_{210}^{(10)}m_{022}^{(21)} + 2m_{101}^{(20)}m_{210}^{(10)}m_{013}^{(11)} + 2m_{101}^{(20)}m_{210}^{(11)}m_{112}^{(21)}\\
&-2m_{101}^{(20)}m_{210}^{(11)}m_{013}^{(10)} + 2m_{101}^{(20)}m_{210}^{(20)}m_{031}^{(21)} - 2m_{101}^{(20)}m_{210}^{(20)}m_{022}^{(11)} - 2m_{101}^{(20)}m_{210}^{(21)}m_{121}^{(21)}\\
&-2m_{101}^{(20)}m_{210}^{(21)}m_{112}^{(11)} + 4m_{101}^{(20)}m_{210}^{(21)}m_{022}^{(10)} + 2m_{101}^{(20)}m_{210}^{(22)}m_{121}^{(11)} - 2m_{101}^{(20)}m_{210}^{(22)}m_{031}^{(10)}\\
&+2m_{101}^{(20)}m_{201}^{(10)}m_{031}^{(21)} - 2m_{101}^{(20)}m_{201}^{(10)}m_{022}^{(11)} - 2m_{101}^{(20)}m_{201}^{(11)}m_{121}^{(21)} + 2m_{101}^{(20)}m_{201}^{(11)}m_{022}^{(10)}\\
&-2m_{101}^{(20)}m_{201}^{(20)}m_{040}^{(21)} + 2m_{101}^{(20)}m_{201}^{(20)}m_{031}^{(11)} + 2m_{101}^{(20)}m_{201}^{(21)}m_{130}^{(21)} + 2m_{101}^{(20)}m_{201}^{(21)}m_{121}^{(11)}\\
&-4m_{101}^{(20)}m_{201}^{(21)}m_{031}^{(10)} - 2m_{101}^{(20)}m_{201}^{(22)}m_{130}^{(11)} + 2m_{101}^{(20)}m_{201}^{(22)}m_{040}^{(10)} - 2m_{101}^{(20)}m_{120}^{(00)}m_{031}^{(22)}\\
&+2m_{101}^{(20)}m_{120}^{(00)}m_{022}^{(21)} + 4m_{101}^{(20)}m_{120}^{(10)}m_{121}^{(22)} - 2m_{101}^{(20)}m_{120}^{(10)}m_{103}^{(11)} - 2m_{101}^{(20)}m_{120}^{(10)}m_{013}^{(10)}\\
&-2m_{101}^{(20)}m_{120}^{(11)}m_{211}^{(22)} - 2m_{101}^{(20)}m_{120}^{(11)}m_{202}^{(21)} + 2m_{101}^{(20)}m_{120}^{(11)}m_{103}^{(10)} + 2m_{101}^{(20)}m_{120}^{(11)}m_{013}^{(00)}\\
&-4m_{101}^{(20)}m_{120}^{(20)}m_{121}^{(21)} + 2m_{101}^{(20)}m_{120}^{(20)}m_{112}^{(11)} + 2m_{101}^{(20)}m_{120}^{(20)}m_{022}^{(10)} + 4m_{101}^{(20)}m_{120}^{(21)}m_{211}^{(21)}\\
&+2m_{101}^{(20)}m_{120}^{(21)}m_{202}^{(11)} - 2m_{101}^{(20)}m_{120}^{(21)}m_{112}^{(10)} - 4m_{101}^{(20)}m_{120}^{(21)}m_{022}^{(00)} - 2m_{101}^{(20)}m_{120}^{(22)}m_{211}^{(11)}\\
&+2m_{101}^{(20)}m_{120}^{(22)}m_{031}^{(00)} + 2m_{101}^{(20)}m_{111}^{(00)}m_{040}^{(22)} - 2m_{101}^{(20)}m_{111}^{(00)}m_{022}^{(11)} - 4m_{101}^{(20)}m_{111}^{(10)}m_{130}^{(22)}\\
&-4m_{101}^{(20)}m_{111}^{(10)}m_{121}^{(21)} + 4m_{101}^{(20)}m_{111}^{(10)}m_{112}^{(11)} + 4m_{101}^{(20)}m_{111}^{(10)}m_{022}^{(10)} + 2m_{101}^{(20)}m_{111}^{(11)}m_{220}^{(22)}\\
&+4m_{101}^{(20)}m_{111}^{(11)}m_{211}^{(21)} - 4m_{101}^{(20)}m_{111}^{(11)}m_{112}^{(10)} - 2m_{101}^{(20)}m_{111}^{(11)}m_{022}^{(00)} + 4m_{101}^{(20)}m_{111}^{(20)}m_{130}^{(21)}\\
&-4m_{101}^{(20)}m_{111}^{(20)}m_{031}^{(10)} - 4m_{101}^{(20)}m_{111}^{(21)}m_{220}^{(21)} - 4m_{101}^{(20)}m_{111}^{(21)}m_{211}^{(11)} + 4m_{101}^{(20)}m_{111}^{(21)}m_{121}^{(10)}\\
&+4m_{101}^{(20)}m_{111}^{(21)}m_{031}^{(00)} + 2m_{101}^{(20)}m_{111}^{(22)}m_{220}^{(11)} - 2m_{101}^{(20)}m_{111}^{(22)}m_{130}^{(00)} - 2m_{101}^{(20)}m_{102}^{(00)}m_{040}^{(21)}\\
&+2m_{101}^{(20)}m_{102}^{(00)}m_{031}^{(11)} + 4m_{101}^{(20)}m_{102}^{(10)}m_{130}^{(21)} - 2m_{101}^{(20)}m_{102}^{(10)}m_{121}^{(11)} - 2m_{101}^{(20)}m_{102}^{(10)}m_{031}^{(10)}\\
&-2m_{101}^{(20)}m_{102}^{(11)}m_{220}^{(21)} + 2m_{101}^{(20)}m_{102}^{(11)}m_{121}^{(10)} - 2m_{101}^{(20)}m_{102}^{(20)}m_{130}^{(11)} + 2m_{101}^{(20)}m_{102}^{(20)}m_{040}^{(10)}\\
&+2m_{101}^{(20)}m_{102}^{(21)}m_{220}^{(11)} - 2m_{101}^{(20)}m_{102}^{(21)}m_{130}^{(10)} + 2m_{101}^{(20)}m_{030}^{(00)}m_{121}^{(22)} - 2m_{101}^{(20)}m_{030}^{(00)}m_{112}^{(21)}\\
&-4m_{101}^{(20)}m_{030}^{(10)}m_{211}^{(22)} + 2m_{101}^{(20)}m_{030}^{(10)}m_{202}^{(21)} + 2m_{101}^{(20)}m_{030}^{(10)}m_{103}^{(10)} + 2m_{101}^{(20)}m_{030}^{(11)}m_{301}^{(22)}\\
&-2m_{101}^{(20)}m_{030}^{(11)}m_{103}^{(00)} + 2m_{101}^{(20)}m_{030}^{(20)}m_{211}^{(21)} - 2m_{101}^{(20)}m_{030}^{(20)}m_{112}^{(10)} - 2m_{101}^{(20)}m_{030}^{(21)}m_{301}^{(21)}\\
&-2m_{101}^{(20)}m_{030}^{(21)}m_{202}^{(10)} + 4m_{101}^{(20)}m_{030}^{(21)}m_{112}^{(00)} + 2m_{101}^{(20)}m_{030}^{(22)}m_{211}^{(10)} - 2m_{101}^{(20)}m_{030}^{(22)}m_{121}^{(00)}\\
&-2m_{101}^{(20)}m_{021}^{(00)}m_{130}^{(22)} + 2m_{101}^{(20)}m_{021}^{(00)}m_{112}^{(11)} + 4m_{101}^{(20)}m_{021}^{(10)}m_{220}^{(22)} + 2m_{101}^{(20)}m_{021}^{(10)}m_{211}^{(21)}\\
&-2m_{101}^{(20)}m_{021}^{(10)}m_{202}^{(11)} - 4m_{101}^{(20)}m_{021}^{(10)}m_{112}^{(10)} - 2m_{101}^{(20)}m_{021}^{(11)}m_{310}^{(22)} - 2m_{101}^{(20)}m_{021}^{(11)}m_{301}^{(21)}\\
&+2m_{101}^{(20)}m_{021}^{(11)}m_{202}^{(10)} + 2m_{101}^{(20)}m_{021}^{(11)}m_{112}^{(00)} - 2m_{101}^{(20)}m_{021}^{(20)}m_{220}^{(21)} - 2m_{101}^{(20)}m_{021}^{(20)}m_{211}^{(11)}\\
&+4m_{101}^{(20)}m_{021}^{(20)}m_{121}^{(10)} + 2m_{101}^{(20)}m_{021}^{(21)}m_{310}^{(21)} + 2m_{101}^{(20)}m_{021}^{(21)}m_{301}^{(11)} - 4m_{101}^{(20)}m_{021}^{(21)}m_{121}^{(00)}\\
&-2m_{101}^{(20)}m_{021}^{(22)}m_{220}^{(10)} + 2m_{101}^{(20)}m_{021}^{(22)}m_{130}^{(00)} + 2m_{101}^{(20)}m_{012}^{(00)}m_{130}^{(21)} - 2m_{101}^{(20)}m_{012}^{(00)}m_{121}^{(11)}\\
&-4m_{101}^{(20)}m_{012}^{(10)}m_{220}^{(21)} + 2m_{101}^{(20)}m_{012}^{(10)}m_{211}^{(11)} + 2m_{101}^{(20)}m_{012}^{(10)}m_{121}^{(10)} + 2m_{101}^{(20)}m_{012}^{(11)}m_{310}^{(21)}\\
&-2m_{101}^{(20)}m_{012}^{(11)}m_{211}^{(10)} + 2m_{101}^{(20)}m_{012}^{(20)}m_{220}^{(11)} - 2m_{101}^{(20)}m_{012}^{(20)}m_{130}^{(10)} - 2m_{101}^{(20)}m_{012}^{(21)}m_{310}^{(11)}\\
&+2m_{101}^{(20)}m_{012}^{(21)}m_{220}^{(10)} + 2m_{101}^{(21)}m_{210}^{(00)}m_{031}^{(22)} - 2m_{101}^{(21)}m_{210}^{(00)}m_{013}^{(11)} - 4m_{101}^{(21)}m_{210}^{(10)}m_{121}^{(22)}\\
&+2m_{101}^{(21)}m_{210}^{(10)}m_{022}^{(20)} + 2m_{101}^{(21)}m_{210}^{(10)}m_{013}^{(10)} + 2m_{101}^{(21)}m_{210}^{(11)}m_{211}^{(22)} - 2m_{101}^{(21)}m_{210}^{(11)}m_{112}^{(20)}
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&+4m_{101}^{(21)}m_{210}^{(20)}m_{112}^{(11)} - 2m_{101}^{(21)}m_{210}^{(20)}m_{031}^{(20)} - 2m_{101}^{(21)}m_{210}^{(20)}m_{022}^{(10)} + 2m_{101}^{(21)}m_{210}^{(21)}m_{121}^{(20)}\\
&-2m_{101}^{(21)}m_{210}^{(21)}m_{112}^{(10)} - 2m_{101}^{(21)}m_{210}^{(22)}m_{211}^{(11)} + 2m_{101}^{(21)}m_{210}^{(22)}m_{121}^{(10)} - 2m_{101}^{(21)}m_{201}^{(00)}m_{040}^{(22)}\\
&+2m_{101}^{(21)}m_{201}^{(00)}m_{022}^{(11)} + 4m_{101}^{(21)}m_{201}^{(10)}m_{130}^{(22)} - 2m_{101}^{(21)}m_{201}^{(10)}m_{031}^{(20)} - 2m_{101}^{(21)}m_{201}^{(10)}m_{022}^{(10)}\\
&-2m_{101}^{(21)}m_{201}^{(11)}m_{220}^{(22)} + 2m_{101}^{(21)}m_{201}^{(11)}m_{121}^{(20)} - 4m_{101}^{(21)}m_{201}^{(20)}m_{121}^{(11)} + 2m_{101}^{(21)}m_{201}^{(20)}m_{040}^{(20)}\\
&+2m_{101}^{(21)}m_{201}^{(20)}m_{031}^{(10)} - 2m_{101}^{(21)}m_{201}^{(21)}m_{130}^{(20)} + 2m_{101}^{(21)}m_{201}^{(21)}m_{121}^{(10)} + 2m_{101}^{(21)}m_{201}^{(22)}m_{220}^{(11)}\\
&-2m_{101}^{(21)}m_{201}^{(22)}m_{130}^{(10)} - 2m_{101}^{(21)}m_{120}^{(00)}m_{121}^{(22)} + 2m_{101}^{(21)}m_{120}^{(00)}m_{103}^{(11)} - 2m_{101}^{(21)}m_{120}^{(00)}m_{022}^{(20)}\\
&+2m_{101}^{(21)}m_{120}^{(00)}m_{013}^{(10)} + 4m_{101}^{(21)}m_{120}^{(10)}m_{211}^{(22)} - 2m_{101}^{(21)}m_{120}^{(10)}m_{103}^{(10)} - 2m_{101}^{(21)}m_{120}^{(10)}m_{013}^{(00)}\\
&-2m_{101}^{(21)}m_{120}^{(11)}m_{301}^{(22)} + 2m_{101}^{(21)}m_{120}^{(11)}m_{202}^{(20)} - 4m_{101}^{(21)}m_{120}^{(20)}m_{202}^{(11)} + 4m_{101}^{(21)}m_{120}^{(20)}m_{121}^{(20)}\\
&-2m_{101}^{(21)}m_{120}^{(20)}m_{112}^{(10)} + 2m_{101}^{(21)}m_{120}^{(20)}m_{022}^{(00)} - 4m_{101}^{(21)}m_{120}^{(21)}m_{211}^{(20)} + 2m_{101}^{(21)}m_{120}^{(21)}m_{202}^{(10)}\\
&+2m_{101}^{(21)}m_{120}^{(21)}m_{112}^{(00)} + 2m_{101}^{(21)}m_{120}^{(22)}m_{301}^{(11)} - 2m_{101}^{(21)}m_{120}^{(22)}m_{121}^{(00)} + 2m_{101}^{(21)}m_{111}^{(00)}m_{130}^{(22)}\\
&-2m_{101}^{(21)}m_{111}^{(00)}m_{112}^{(11)} - 4m_{101}^{(21)}m_{111}^{(10)}m_{220}^{(22)} + 4m_{101}^{(21)}m_{111}^{(10)}m_{121}^{(20)} + 2m_{101}^{(21)}m_{111}^{(11)}m_{310}^{(22)}\\
&-4m_{101}^{(21)}m_{111}^{(11)}m_{211}^{(20)} + 2m_{101}^{(21)}m_{111}^{(11)}m_{112}^{(00)} + 4m_{101}^{(21)}m_{111}^{(20)}m_{211}^{(11)} - 4m_{101}^{(21)}m_{111}^{(20)}m_{130}^{(20)}\\
&+4m_{101}^{(21)}m_{111}^{(21)}m_{220}^{(20)} - 4m_{101}^{(21)}m_{111}^{(21)}m_{121}^{(00)} - 2m_{101}^{(21)}m_{111}^{(22)}m_{310}^{(11)} + 2m_{101}^{(21)}m_{111}^{(22)}m_{130}^{(00)}\\
&+2m_{101}^{(21)}m_{102}^{(00)}m_{040}^{(20)} - 2m_{101}^{(21)}m_{102}^{(00)}m_{031}^{(10)} - 4m_{101}^{(21)}m_{102}^{(10)}m_{130}^{(20)} + 2m_{101}^{(21)}m_{102}^{(10)}m_{121}^{(10)}\\
&+2m_{101}^{(21)}m_{102}^{(10)}m_{031}^{(00)} + 2m_{101}^{(21)}m_{102}^{(11)}m_{220}^{(20)} - 2m_{101}^{(21)}m_{102}^{(11)}m_{121}^{(00)} + 2m_{101}^{(21)}m_{102}^{(20)}m_{130}^{(10)}\\
&-2m_{101}^{(21)}m_{102}^{(20)}m_{040}^{(00)} - 2m_{101}^{(21)}m_{102}^{(21)}m_{220}^{(10)} + 2m_{101}^{(21)}m_{102}^{(21)}m_{130}^{(00)} + 2m_{101}^{(21)}m_{030}^{(00)}m_{112}^{(20)}\\
&-2m_{101}^{(21)}m_{030}^{(00)}m_{103}^{(10)} - 2m_{101}^{(21)}m_{030}^{(10)}m_{202}^{(20)} + 2m_{101}^{(21)}m_{030}^{(10)}m_{103}^{(00)} - 2m_{101}^{(21)}m_{030}^{(20)}m_{211}^{(20)}\\
&+4m_{101}^{(21)}m_{030}^{(20)}m_{202}^{(10)} - 2m_{101}^{(21)}m_{030}^{(20)}m_{112}^{(00)} + 2m_{101}^{(21)}m_{030}^{(21)}m_{301}^{(20)} - 2m_{101}^{(21)}m_{030}^{(21)}m_{202}^{(00)}\\
&-2m_{101}^{(21)}m_{030}^{(22)}m_{301}^{(10)} + 2m_{101}^{(21)}m_{030}^{(22)}m_{211}^{(00)} - 2m_{101}^{(21)}m_{021}^{(10)}m_{211}^{(20)} + 2m_{101}^{(21)}m_{021}^{(10)}m_{202}^{(10)}\\
&+2m_{101}^{(21)}m_{021}^{(11)}m_{301}^{(20)} - 2m_{101}^{(21)}m_{021}^{(11)}m_{202}^{(00)} + 2m_{101}^{(21)}m_{021}^{(20)}m_{220}^{(20)} - 2m_{101}^{(21)}m_{021}^{(20)}m_{211}^{(10)}\\
&-2m_{101}^{(21)}m_{021}^{(21)}m_{310}^{(20)} - 2m_{101}^{(21)}m_{021}^{(21)}m_{301}^{(10)} + 4m_{101}^{(21)}m_{021}^{(21)}m_{211}^{(00)} + 2m_{101}^{(21)}m_{021}^{(22)}m_{310}^{(10)}\\
&-2m_{101}^{(21)}m_{021}^{(22)}m_{220}^{(00)} - 2m_{101}^{(21)}m_{012}^{(00)}m_{130}^{(20)} + 2m_{101}^{(21)}m_{012}^{(00)}m_{121}^{(10)} + 4m_{101}^{(21)}m_{012}^{(10)}m_{220}^{(20)}\\
&-2m_{101}^{(21)}m_{012}^{(10)}m_{211}^{(10)} - 2m_{101}^{(21)}m_{012}^{(10)}m_{121}^{(00)} - 2m_{101}^{(21)}m_{012}^{(11)}m_{310}^{(20)} + 2m_{101}^{(21)}m_{012}^{(11)}m_{211}^{(00)}\\
&-2m_{101}^{(21)}m_{012}^{(20)}m_{220}^{(10)} + 2m_{101}^{(21)}m_{012}^{(20)}m_{130}^{(00)} + 2m_{101}^{(21)}m_{012}^{(21)}m_{310}^{(10)} - 2m_{101}^{(21)}m_{012}^{(21)}m_{220}^{(00)}\\
&-2m_{101}^{(22)}m_{210}^{(00)}m_{031}^{(21)} + 2m_{101}^{(22)}m_{210}^{(00)}m_{022}^{(11)} + 4m_{101}^{(22)}m_{210}^{(10)}m_{121}^{(21)} - 2m_{101}^{(22)}m_{210}^{(10)}m_{112}^{(11)}\\
&-2m_{101}^{(22)}m_{210}^{(10)}m_{022}^{(10)} - 2m_{101}^{(22)}m_{210}^{(11)}m_{211}^{(21)} + 2m_{101}^{(22)}m_{210}^{(11)}m_{112}^{(10)} - 2m_{101}^{(22)}m_{210}^{(20)}m_{121}^{(11)}\\
&+2m_{101}^{(22)}m_{210}^{(20)}m_{031}^{(10)} + 2m_{101}^{(22)}m_{210}^{(21)}m_{211}^{(11)} - 2m_{101}^{(22)}m_{210}^{(21)}m_{121}^{(10)} + 2m_{101}^{(22)}m_{201}^{(00)}m_{040}^{(21)}\\
&-2m_{101}^{(22)}m_{201}^{(00)}m_{031}^{(11)} - 4m_{101}^{(22)}m_{201}^{(10)}m_{130}^{(21)} + 2m_{101}^{(22)}m_{201}^{(10)}m_{121}^{(11)} + 2m_{101}^{(22)}m_{201}^{(10)}m_{031}^{(10)}\\
&+2m_{101}^{(22)}m_{201}^{(11)}m_{220}^{(21)} - 2m_{101}^{(22)}m_{201}^{(11)}m_{121}^{(10)} + 2m_{101}^{(22)}m_{201}^{(20)}m_{130}^{(11)} - 2m_{101}^{(22)}m_{201}^{(20)}m_{040}^{(10)}\\
&-2m_{101}^{(22)}m_{201}^{(21)}m_{220}^{(11)} + 2m_{101}^{(22)}m_{201}^{(21)}m_{130}^{(10)} + 2m_{101}^{(22)}m_{120}^{(00)}m_{121}^{(21)} - 2m_{101}^{(22)}m_{120}^{(00)}m_{112}^{(11)}\\
&+2m_{101}^{(22)}m_{120}^{(00)}m_{031}^{(20)} - 2m_{101}^{(22)}m_{120}^{(00)}m_{022}^{(10)} - 4m_{101}^{(22)}m_{120}^{(10)}m_{211}^{(21)} + 2m_{101}^{(22)}m_{120}^{(10)}m_{202}^{(11)}\\
&-4m_{101}^{(22)}m_{120}^{(10)}m_{121}^{(20)} + 4m_{101}^{(22)}m_{120}^{(10)}m_{112}^{(10)} + 2m_{101}^{(22)}m_{120}^{(10)}m_{022}^{(00)} + 2m_{101}^{(22)}m_{120}^{(11)}m_{301}^{(21)}\\
&+2m_{101}^{(22)}m_{120}^{(11)}m_{211}^{(20)} - 2m_{101}^{(22)}m_{120}^{(11)}m_{202}^{(10)} - 2m_{101}^{(22)}m_{120}^{(11)}m_{112}^{(00)} + 2m_{101}^{(22)}m_{120}^{(20)}m_{211}^{(11)}\\
&-2m_{101}^{(22)}m_{120}^{(20)}m_{031}^{(00)} - 2m_{101}^{(22)}m_{120}^{(21)}m_{301}^{(11)} + 2m_{101}^{(22)}m_{120}^{(21)}m_{121}^{(00)} - 2m_{101}^{(22)}m_{111}^{(00)}m_{130}^{(21)}\\
&+2m_{101}^{(22)}m_{111}^{(00)}m_{121}^{(11)} - 2m_{101}^{(22)}m_{111}^{(00)}m_{040}^{(20)} + 2m_{101}^{(22)}m_{111}^{(00)}m_{031}^{(10)} + 4m_{101}^{(22)}m_{111}^{(10)}m_{220}^{(21)}\\
&-2m_{101}^{(22)}m_{111}^{(10)}m_{211}^{(11)} + 4m_{101}^{(22)}m_{111}^{(10)}m_{130}^{(20)} - 4m_{101}^{(22)}m_{111}^{(10)}m_{121}^{(10)} - 2m_{101}^{(22)}m_{111}^{(10)}m_{031}^{(00)}\\
&-2m_{101}^{(22)}m_{111}^{(11)}m_{310}^{(21)} - 2m_{101}^{(22)}m_{111}^{(11)}m_{220}^{(20)} + 2m_{101}^{(22)}m_{111}^{(11)}m_{211}^{(10)} + 2m_{101}^{(22)}m_{111}^{(11)}m_{121}^{(00)}\\
&-2m_{101}^{(22)}m_{111}^{(20)}m_{220}^{(11)} + 2m_{101}^{(22)}m_{111}^{(20)}m_{040}^{(00)} + 2m_{101}^{(22)}m_{111}^{(21)}m_{310}^{(11)} - 2m_{101}^{(22)}m_{111}^{(21)}m_{130}^{(00)}
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&-2m_{101}^{(22)}m_{030}^{(00)}m_{121}^{(20)} + 2m_{101}^{(22)}m_{030}^{(00)}m_{112}^{(10)} + 4m_{101}^{(22)}m_{030}^{(10)}m_{211}^{(20)} - 2m_{101}^{(22)}m_{030}^{(10)}m_{202}^{(10)}\\
&-2m_{101}^{(22)}m_{030}^{(10)}m_{112}^{(00)} - 2m_{101}^{(22)}m_{030}^{(11)}m_{301}^{(20)} + 2m_{101}^{(22)}m_{030}^{(11)}m_{202}^{(00)} - 2m_{101}^{(22)}m_{030}^{(20)}m_{211}^{(10)}\\
&+2m_{101}^{(22)}m_{030}^{(20)}m_{121}^{(00)} + 2m_{101}^{(22)}m_{030}^{(21)}m_{301}^{(10)} - 2m_{101}^{(22)}m_{030}^{(21)}m_{211}^{(00)} + 2m_{101}^{(22)}m_{021}^{(00)}m_{130}^{(20)}\\
&-2m_{101}^{(22)}m_{021}^{(00)}m_{121}^{(10)} - 4m_{101}^{(22)}m_{021}^{(10)}m_{220}^{(20)} + 2m_{101}^{(22)}m_{021}^{(10)}m_{211}^{(10)} + 2m_{101}^{(22)}m_{021}^{(10)}m_{121}^{(00)}\\
&+2m_{101}^{(22)}m_{021}^{(11)}m_{310}^{(20)} - 2m_{101}^{(22)}m_{021}^{(11)}m_{211}^{(00)} + 2m_{101}^{(22)}m_{021}^{(20)}m_{220}^{(10)} - 2m_{101}^{(22)}m_{021}^{(20)}m_{130}^{(00)}\\
&-2m_{101}^{(22)}m_{021}^{(21)}m_{310}^{(10)} + 2m_{101}^{(22)}m_{021}^{(21)}m_{220}^{(00)} - m_{020}^{(00)}m_{210}^{(10)}m_{013}^{(22)} + m_{020}^{(00)}m_{210}^{(10)}m_{004}^{(21)}\\
&+m_{020}^{(00)}m_{210}^{(11)}m_{103}^{(22)} - m_{020}^{(00)}m_{210}^{(11)}m_{004}^{(20)} + m_{020}^{(00)}m_{210}^{(20)}m_{022}^{(22)} - m_{020}^{(00)}m_{210}^{(20)}m_{013}^{(21)}\\
&-m_{020}^{(00)}m_{210}^{(21)}m_{112}^{(22)} - m_{020}^{(00)}m_{210}^{(21)}m_{103}^{(21)} + 2m_{020}^{(00)}m_{210}^{(21)}m_{013}^{(20)} + m_{020}^{(00)}m_{210}^{(22)}m_{112}^{(21)}\\
&-m_{020}^{(00)}m_{210}^{(22)}m_{022}^{(20)} + m_{020}^{(00)}m_{201}^{(10)}m_{013}^{(21)} - m_{020}^{(00)}m_{201}^{(10)}m_{004}^{(11)} - m_{020}^{(00)}m_{201}^{(11)}m_{103}^{(21)}\\
&+m_{020}^{(00)}m_{201}^{(11)}m_{004}^{(10)} - m_{020}^{(00)}m_{201}^{(20)}m_{022}^{(21)} + m_{020}^{(00)}m_{201}^{(20)}m_{013}^{(11)} + m_{020}^{(00)}m_{201}^{(21)}m_{112}^{(21)}\\
&+m_{020}^{(00)}m_{201}^{(21)}m_{103}^{(11)} - 2m_{020}^{(00)}m_{201}^{(21)}m_{013}^{(10)} - m_{020}^{(00)}m_{201}^{(22)}m_{112}^{(11)} + m_{020}^{(00)}m_{201}^{(22)}m_{022}^{(10)}\\
&+2m_{020}^{(00)}m_{111}^{(10)}m_{112}^{(22)} - 2m_{020}^{(00)}m_{111}^{(10)}m_{103}^{(21)} - 2m_{020}^{(00)}m_{111}^{(11)}m_{202}^{(22)} + 2m_{020}^{(00)}m_{111}^{(11)}m_{103}^{(20)}\\
&-2m_{020}^{(00)}m_{111}^{(20)}m_{121}^{(22)} + 2m_{020}^{(00)}m_{111}^{(20)}m_{112}^{(21)} + 2m_{020}^{(00)}m_{111}^{(21)}m_{211}^{(22)} + 2m_{020}^{(00)}m_{111}^{(21)}m_{202}^{(21)}\\
&-4m_{020}^{(00)}m_{111}^{(21)}m_{112}^{(20)} - 2m_{020}^{(00)}m_{111}^{(22)}m_{211}^{(21)} + 2m_{020}^{(00)}m_{111}^{(22)}m_{121}^{(20)} - 2m_{020}^{(00)}m_{102}^{(10)}m_{112}^{(21)}\\
&+2m_{020}^{(00)}m_{102}^{(10)}m_{103}^{(11)} + 2m_{020}^{(00)}m_{102}^{(11)}m_{202}^{(21)} - 2m_{020}^{(00)}m_{102}^{(11)}m_{103}^{(10)} + 2m_{020}^{(00)}m_{102}^{(20)}m_{112}^{(21)}\\
&-2m_{020}^{(00)}m_{102}^{(20)}m_{112}^{(11)} - 2m_{020}^{(00)}m_{102}^{(21)}m_{211}^{(21)} - 2m_{020}^{(00)}m_{102}^{(21)}m_{202}^{(11)} + 4m_{020}^{(00)}m_{102}^{(21)}m_{112}^{(10)}\\
&+2m_{020}^{(00)}m_{102}^{(22)}m_{211}^{(11)} - 2m_{020}^{(00)}m_{102}^{(22)}m_{121}^{(10)} - m_{020}^{(00)}m_{012}^{(10)}m_{211}^{(22)} + m_{020}^{(00)}m_{012}^{(10)}m_{202}^{(21)}\\
&+m_{020}^{(00)}m_{012}^{(11)}m_{301}^{(22)} - m_{020}^{(00)}m_{012}^{(11)}m_{202}^{(20)} + m_{020}^{(00)}m_{012}^{(20)}m_{220}^{(22)} - m_{020}^{(00)}m_{012}^{(20)}m_{211}^{(21)}\\
&-m_{020}^{(00)}m_{012}^{(21)}m_{310}^{(22)} - m_{020}^{(00)}m_{012}^{(21)}m_{301}^{(21)} + 2m_{020}^{(00)}m_{012}^{(21)}m_{211}^{(20)} + m_{020}^{(00)}m_{012}^{(22)}m_{310}^{(21)}\\
&-m_{020}^{(00)}m_{012}^{(22)}m_{220}^{(20)} + m_{020}^{(00)}m_{003}^{(10)}m_{211}^{(21)} - m_{020}^{(00)}m_{003}^{(10)}m_{202}^{(11)} - m_{020}^{(00)}m_{003}^{(11)}m_{301}^{(21)}\\
&+m_{020}^{(00)}m_{003}^{(11)}m_{202}^{(10)} - m_{020}^{(00)}m_{003}^{(20)}m_{220}^{(21)} + m_{020}^{(00)}m_{003}^{(20)}m_{211}^{(11)} + m_{020}^{(00)}m_{003}^{(21)}m_{310}^{(21)}\\
&+m_{020}^{(00)}m_{003}^{(21)}m_{301}^{(11)} - 2m_{020}^{(00)}m_{003}^{(21)}m_{211}^{(10)} - m_{020}^{(00)}m_{003}^{(22)}m_{310}^{(11)} + m_{020}^{(00)}m_{003}^{(22)}m_{220}^{(10)}\\
&+m_{020}^{(10)}m_{300}^{(10)}m_{013}^{(22)} - m_{020}^{(10)}m_{300}^{(10)}m_{004}^{(21)} - m_{020}^{(10)}m_{300}^{(11)}m_{103}^{(22)} + m_{020}^{(10)}m_{300}^{(11)}m_{004}^{(20)}\\
&-m_{020}^{(10)}m_{300}^{(20)}m_{022}^{(22)} + m_{020}^{(10)}m_{300}^{(20)}m_{013}^{(21)} + m_{020}^{(10)}m_{300}^{(21)}m_{112}^{(22)} + m_{020}^{(10)}m_{300}^{(21)}m_{103}^{(21)}\\
&-2m_{020}^{(10)}m_{300}^{(21)}m_{013}^{(20)} - m_{020}^{(10)}m_{300}^{(22)}m_{112}^{(21)} + m_{020}^{(10)}m_{300}^{(22)}m_{022}^{(20)} + m_{020}^{(10)}m_{210}^{(00)}m_{013}^{(22)}\\
&-m_{020}^{(10)}m_{210}^{(00)}m_{004}^{(21)} - m_{020}^{(10)}m_{210}^{(10)}m_{103}^{(22)} + m_{020}^{(10)}m_{210}^{(10)}m_{004}^{(20)} - m_{020}^{(10)}m_{210}^{(20)}m_{112}^{(22)}\\
&+2m_{020}^{(10)}m_{210}^{(20)}m_{103}^{(21)} - m_{020}^{(10)}m_{210}^{(20)}m_{013}^{(20)} + m_{020}^{(10)}m_{210}^{(21)}m_{202}^{(22)} - m_{020}^{(10)}m_{210}^{(21)}m_{103}^{(20)}\\
&-m_{020}^{(10)}m_{210}^{(22)}m_{202}^{(21)} + m_{020}^{(10)}m_{210}^{(22)}m_{112}^{(20)} - m_{020}^{(10)}m_{201}^{(00)}m_{013}^{(21)} + m_{020}^{(10)}m_{201}^{(00)}m_{004}^{(11)}\\
&-2m_{020}^{(10)}m_{201}^{(10)}m_{112}^{(22)} + 3m_{020}^{(10)}m_{201}^{(10)}m_{103}^{(21)} - m_{020}^{(10)}m_{201}^{(10)}m_{013}^{(20)} + 2m_{020}^{(10)}m_{201}^{(11)}m_{202}^{(22)}\\
&-m_{020}^{(10)}m_{201}^{(11)}m_{103}^{(20)} - m_{020}^{(10)}m_{201}^{(11)}m_{004}^{(00)} + 2m_{020}^{(10)}m_{201}^{(20)}m_{121}^{(22)} - m_{020}^{(10)}m_{201}^{(20)}m_{112}^{(21)}\\
&-2m_{020}^{(10)}m_{201}^{(20)}m_{103}^{(11)} + m_{020}^{(10)}m_{201}^{(20)}m_{022}^{(20)} - 2m_{020}^{(10)}m_{201}^{(21)}m_{211}^{(22)} - 3m_{020}^{(10)}m_{201}^{(21)}m_{202}^{(21)}\\
&+3m_{020}^{(10)}m_{201}^{(21)}m_{112}^{(20)} + 2m_{020}^{(10)}m_{201}^{(21)}m_{013}^{(00)} + 2m_{020}^{(10)}m_{201}^{(22)}m_{211}^{(21)} + m_{020}^{(10)}m_{201}^{(22)}m_{202}^{(11)}\\
&-2m_{020}^{(10)}m_{201}^{(22)}m_{121}^{(20)} - m_{020}^{(10)}m_{201}^{(22)}m_{022}^{(00)} - 2m_{020}^{(10)}m_{111}^{(00)}m_{112}^{(22)} + 2m_{020}^{(10)}m_{111}^{(00)}m_{103}^{(21)}\\
&+2m_{020}^{(10)}m_{111}^{(10)}m_{202}^{(22)} - 2m_{020}^{(10)}m_{111}^{(10)}m_{103}^{(20)} + 2m_{020}^{(10)}m_{111}^{(20)}m_{211}^{(22)} - 4m_{020}^{(10)}m_{111}^{(20)}m_{202}^{(21)}\\
&+2m_{020}^{(10)}m_{111}^{(20)}m_{112}^{(20)} - 2m_{020}^{(10)}m_{111}^{(21)}m_{301}^{(22)} + 2m_{020}^{(10)}m_{111}^{(21)}m_{202}^{(20)} + 2m_{020}^{(10)}m_{111}^{(22)}m_{301}^{(21)}\\
&-2m_{020}^{(10)}m_{111}^{(22)}m_{211}^{(20)} + 2m_{020}^{(10)}m_{102}^{(00)}m_{112}^{(21)} - 2m_{020}^{(10)}m_{102}^{(00)}m_{103}^{(11)} + m_{020}^{(10)}m_{102}^{(10)}m_{211}^{(22)}\\
&-3m_{020}^{(10)}m_{102}^{(10)}m_{202}^{(21)} + 2m_{020}^{(10)}m_{102}^{(10)}m_{112}^{(20)} - m_{020}^{(10)}m_{102}^{(11)}m_{301}^{(22)} - m_{020}^{(10)}m_{102}^{(11)}m_{202}^{(20)}\\
&+2m_{020}^{(10)}m_{102}^{(11)}m_{103}^{(00)} - m_{020}^{(10)}m_{102}^{(20)}m_{220}^{(22)} - m_{020}^{(10)}m_{102}^{(20)}m_{211}^{(21)} + 4m_{020}^{(10)}m_{102}^{(20)}m_{202}^{(11)}
\end{aligned}
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\begin{aligned}
&-2m_{020}^{(10)}m_{102}^{(20)}m_{121}^{(20)}+m_{020}^{(10)}m_{102}^{(21)}m_{310}^{(22)}+3m_{020}^{(10)}m_{102}^{(21)}m_{301}^{(21)}-4m_{020}^{(10)}m_{102}^{(21)}m_{112}^{(00)}\\
&-m_{020}^{(10)}m_{102}^{(22)}m_{310}^{(21)}-2m_{020}^{(10)}m_{102}^{(22)}m_{301}^{(11)}+m_{020}^{(10)}m_{102}^{(22)}m_{220}^{(20)}+2m_{020}^{(10)}m_{102}^{(22)}m_{121}^{(00)}\\
&+m_{020}^{(10)}m_{012}^{(00)}m_{211}^{(22)}-m_{020}^{(10)}m_{012}^{(00)}m_{202}^{(21)}-m_{020}^{(10)}m_{012}^{(10)}m_{301}^{(22)}+m_{020}^{(10)}m_{012}^{(10)}m_{202}^{(20)}\\
&-m_{020}^{(10)}m_{012}^{(20)}m_{310}^{(22)}+2m_{020}^{(10)}m_{012}^{(20)}m_{301}^{(21)}-m_{020}^{(10)}m_{012}^{(20)}m_{211}^{(20)}+m_{020}^{(10)}m_{012}^{(21)}m_{400}^{(22)}\\
&-m_{020}^{(10)}m_{012}^{(21)}m_{301}^{(20)}-m_{020}^{(10)}m_{012}^{(22)}m_{400}^{(21)}+m_{020}^{(10)}m_{012}^{(22)}m_{310}^{(20)}-m_{020}^{(10)}m_{003}^{(00)}m_{211}^{(21)}\\
&+m_{020}^{(10)}m_{003}^{(00)}m_{202}^{(11)}+m_{020}^{(10)}m_{003}^{(10)}m_{301}^{(21)}-m_{020}^{(10)}m_{003}^{(10)}m_{211}^{(20)}+m_{020}^{(10)}m_{003}^{(11)}m_{301}^{(20)}\\
&-m_{020}^{(10)}m_{003}^{(11)}m_{202}^{(00)}+m_{020}^{(10)}m_{003}^{(20)}m_{310}^{(21)}-2m_{020}^{(10)}m_{003}^{(20)}m_{301}^{(11)}+m_{020}^{(10)}m_{003}^{(20)}m_{220}^{(20)}\\
&-m_{020}^{(10)}m_{003}^{(21)}m_{400}^{(21)}-m_{020}^{(10)}m_{003}^{(21)}m_{310}^{(20)}+2m_{020}^{(10)}m_{003}^{(21)}m_{211}^{(00)}+m_{020}^{(10)}m_{003}^{(22)}m_{400}^{(11)}\\
&-m_{020}^{(10)}m_{003}^{(22)}m_{220}^{(00)}-m_{020}^{(11)}m_{300}^{(00)}m_{013}^{(22)}+m_{020}^{(11)}m_{300}^{(00)}m_{004}^{(21)}+m_{020}^{(11)}m_{300}^{(10)}m_{103}^{(22)}\\
&-m_{020}^{(11)}m_{300}^{(10)}m_{004}^{(20)}+m_{020}^{(11)}m_{300}^{(20)}m_{112}^{(22)}-2m_{020}^{(11)}m_{300}^{(20)}m_{103}^{(21)}+m_{020}^{(11)}m_{300}^{(20)}m_{013}^{(20)}\\
&-m_{020}^{(11)}m_{300}^{(21)}m_{202}^{(22)}+m_{020}^{(11)}m_{300}^{(21)}m_{103}^{(20)}+m_{020}^{(11)}m_{300}^{(22)}m_{202}^{(21)}-m_{020}^{(11)}m_{300}^{(22)}m_{112}^{(20)}\\
&+2m_{020}^{(11)}m_{201}^{(00)}m_{112}^{(22)}-2m_{020}^{(11)}m_{201}^{(00)}m_{103}^{(21)}+m_{020}^{(11)}m_{201}^{(00)}m_{013}^{(20)}-m_{020}^{(11)}m_{201}^{(00)}m_{004}^{(10)}\\
&-2m_{020}^{(11)}m_{201}^{(10)}m_{202}^{(22)}+m_{020}^{(11)}m_{201}^{(10)}m_{103}^{(20)}+m_{020}^{(11)}m_{201}^{(10)}m_{004}^{(00)}-2m_{020}^{(11)}m_{201}^{(20)}m_{211}^{(21)}\\
&+4m_{020}^{(11)}m_{201}^{(20)}m_{202}^{(21)}-3m_{020}^{(11)}m_{201}^{(20)}m_{112}^{(20)}+2m_{020}^{(11)}m_{201}^{(20)}m_{103}^{(10)}-m_{020}^{(11)}m_{201}^{(20)}m_{013}^{(00)}\\
&+2m_{020}^{(11)}m_{201}^{(21)}m_{301}^{(22)}-m_{020}^{(11)}m_{201}^{(21)}m_{202}^{(20)}-m_{020}^{(11)}m_{201}^{(21)}m_{103}^{(00)}-2m_{020}^{(11)}m_{201}^{(22)}m_{301}^{(21)}\\
&+2m_{020}^{(11)}m_{201}^{(22)}m_{211}^{(20)}-m_{020}^{(11)}m_{201}^{(22)}m_{202}^{(10)}+m_{020}^{(11)}m_{201}^{(22)}m_{112}^{(00)}-m_{020}^{(11)}m_{102}^{(00)}m_{211}^{(22)}\\
&+m_{020}^{(11)}m_{102}^{(00)}m_{202}^{(21)}-2m_{020}^{(11)}m_{102}^{(00)}m_{112}^{(20)}+2m_{020}^{(11)}m_{102}^{(00)}m_{103}^{(10)}+m_{020}^{(11)}m_{102}^{(10)}m_{301}^{(22)}\\
&+m_{020}^{(11)}m_{102}^{(10)}m_{202}^{(20)}-2m_{020}^{(11)}m_{102}^{(10)}m_{103}^{(00)}+m_{020}^{(11)}m_{102}^{(20)}m_{310}^{(22)}-2m_{020}^{(11)}m_{102}^{(20)}m_{301}^{(21)}\\
&+3m_{020}^{(11)}m_{102}^{(20)}m_{211}^{(20)}-4m_{020}^{(11)}m_{102}^{(20)}m_{202}^{(10)}+2m_{020}^{(11)}m_{102}^{(20)}m_{112}^{(00)}-m_{020}^{(11)}m_{102}^{(21)}m_{400}^{(22)}\\
&-m_{020}^{(11)}m_{102}^{(21)}m_{301}^{(20)}+2m_{020}^{(11)}m_{102}^{(21)}m_{202}^{(00)}+m_{020}^{(11)}m_{102}^{(22)}m_{400}^{(21)}-m_{020}^{(11)}m_{102}^{(22)}m_{310}^{(20)}\\
&+2m_{020}^{(11)}m_{102}^{(22)}m_{301}^{(10)}-2m_{020}^{(11)}m_{102}^{(22)}m_{211}^{(00)}+m_{020}^{(11)}m_{003}^{(00)}m_{211}^{(20)}-m_{020}^{(11)}m_{003}^{(00)}m_{202}^{(10)}\\
&-m_{020}^{(11)}m_{003}^{(10)}m_{301}^{(20)}+m_{020}^{(11)}m_{003}^{(10)}m_{202}^{(00)}-m_{020}^{(11)}m_{003}^{(20)}m_{310}^{(20)}+2m_{020}^{(11)}m_{003}^{(20)}m_{301}^{(10)}\\
&-m_{020}^{(11)}m_{003}^{(20)}m_{211}^{(00)}+m_{020}^{(11)}m_{003}^{(21)}m_{400}^{(20)}-m_{020}^{(11)}m_{003}^{(21)}m_{301}^{(00)}-m_{020}^{(11)}m_{003}^{(22)}m_{400}^{(10)}\\
&+m_{020}^{(11)}m_{003}^{(22)}m_{310}^{(00)}-m_{020}^{(20)}m_{300}^{(10)}m_{013}^{(21)}+m_{020}^{(20)}m_{300}^{(10)}m_{004}^{(11)}+m_{020}^{(20)}m_{300}^{(11)}m_{103}^{(21)}\\
&-m_{020}^{(20)}m_{300}^{(11)}m_{004}^{(10)}+m_{020}^{(20)}m_{300}^{(20)}m_{022}^{(21)}-m_{020}^{(20)}m_{300}^{(20)}m_{013}^{(11)}-m_{020}^{(20)}m_{300}^{(21)}m_{112}^{(20)}\\
&-m_{020}^{(20)}m_{300}^{(21)}m_{103}^{(11)}+2m_{020}^{(20)}m_{300}^{(21)}m_{013}^{(10)}+m_{020}^{(20)}m_{300}^{(22)}m_{112}^{(11)}-m_{020}^{(20)}m_{300}^{(22)}m_{022}^{(10)}\\
&-m_{020}^{(20)}m_{210}^{(00)}m_{022}^{(22)}+m_{020}^{(20)}m_{210}^{(00)}m_{013}^{(21)}+2m_{020}^{(20)}m_{210}^{(10)}m_{112}^{(22)}-m_{020}^{(20)}m_{210}^{(10)}m_{103}^{(21)}\\
&-m_{020}^{(20)}m_{210}^{(10)}m_{004}^{(10)}-m_{020}^{(20)}m_{210}^{(11)}m_{202}^{(22)}+m_{020}^{(20)}m_{210}^{(11)}m_{004}^{(00)}-m_{020}^{(20)}m_{210}^{(20)}m_{112}^{(21)}\\
&+m_{020}^{(20)}m_{210}^{(20)}m_{013}^{(10)}+m_{020}^{(20)}m_{210}^{(21)}m_{202}^{(21)}+m_{020}^{(20)}m_{210}^{(21)}m_{103}^{(10)}-2m_{020}^{(20)}m_{210}^{(21)}m_{013}^{(00)}\\
&-m_{020}^{(20)}m_{210}^{(22)}m_{112}^{(10)}+m_{020}^{(20)}m_{210}^{(22)}m_{022}^{(00)}+m_{020}^{(20)}m_{201}^{(00)}m_{022}^{(21)}-m_{020}^{(20)}m_{201}^{(00)}m_{013}^{(11)}\\
&-m_{020}^{(20)}m_{201}^{(10)}m_{103}^{(11)}+m_{020}^{(20)}m_{201}^{(10)}m_{013}^{(10)}-m_{020}^{(20)}m_{201}^{(11)}m_{202}^{(21)}+m_{020}^{(20)}m_{201}^{(11)}m_{103}^{(10)}\\
&-2m_{020}^{(20)}m_{201}^{(20)}m_{121}^{(21)}+3m_{020}^{(20)}m_{201}^{(20)}m_{112}^{(11)}-m_{020}^{(20)}m_{201}^{(20)}m_{022}^{(10)}+2m_{020}^{(20)}m_{201}^{(21)}m_{211}^{(21)}\\
&+m_{020}^{(20)}m_{201}^{(21)}m_{202}^{(11)}-3m_{020}^{(20)}m_{201}^{(21)}m_{112}^{(10)}-2m_{020}^{(20)}m_{201}^{(22)}m_{211}^{(11)}+2m_{020}^{(20)}m_{201}^{(22)}m_{121}^{(10)}\\
&+2m_{020}^{(20)}m_{111}^{(00)}m_{121}^{(22)}-2m_{020}^{(20)}m_{111}^{(00)}m_{112}^{(21)}-4m_{020}^{(20)}m_{111}^{(10)}m_{211}^{(22)}+2m_{020}^{(20)}m_{111}^{(10)}m_{202}^{(21)}\\
&+2m_{020}^{(20)}m_{111}^{(10)}m_{103}^{(10)}+2m_{020}^{(20)}m_{111}^{(11)}m_{301}^{(22)}-2m_{020}^{(20)}m_{111}^{(11)}m_{103}^{(00)}+2m_{020}^{(20)}m_{111}^{(20)}m_{211}^{(21)}\\
&-2m_{020}^{(20)}m_{111}^{(20)}m_{112}^{(10)}-2m_{020}^{(20)}m_{111}^{(21)}m_{301}^{(21)}-2m_{020}^{(20)}m_{111}^{(21)}m_{202}^{(10)}+4m_{020}^{(20)}m_{111}^{(21)}m_{112}^{(00)}\\
&+2m_{020}^{(20)}m_{111}^{(22)}m_{211}^{(10)}-2m_{020}^{(20)}m_{111}^{(22)}m_{121}^{(00)}-2m_{020}^{(20)}m_{102}^{(00)}m_{121}^{(21)}+2m_{020}^{(20)}m_{102}^{(00)}m_{112}^{(11)}\\
&+3m_{020}^{(20)}m_{102}^{(10)}m_{211}^{(21)}-m_{020}^{(20)}m_{102}^{(10)}m_{202}^{(11)}-2m_{020}^{(20)}m_{102}^{(10)}m_{112}^{(10)}-m_{020}^{(20)}m_{102}^{(11)}m_{301}^{(21)}
\end{aligned}
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\begin{aligned}
&+m_{020}^{(20)}m_{102}^{(11)}m_{202}^{(10)}+m_{020}^{(20)}m_{102}^{(20)}m_{220}^{(21)}-3m_{020}^{(20)}m_{102}^{(20)}m_{211}^{(11)}+2m_{020}^{(20)}m_{102}^{(20)}m_{121}^{(10)}\\
&-m_{020}^{(20)}m_{102}^{(21)}m_{310}^{(21)}+m_{020}^{(20)}m_{102}^{(21)}m_{301}^{(11)}+m_{020}^{(20)}m_{102}^{(22)}m_{310}^{(11)}-m_{020}^{(20)}m_{102}^{(22)}m_{220}^{(10)}\\
&-m_{020}^{(20)}m_{012}^{(00)}m_{220}^{(22)}+m_{020}^{(20)}m_{012}^{(00)}m_{211}^{(21)}+2m_{020}^{(20)}m_{012}^{(10)}m_{310}^{(22)}-m_{020}^{(20)}m_{012}^{(10)}m_{301}^{(21)}\\
&-m_{020}^{(20)}m_{012}^{(10)}m_{202}^{(10)}-m_{020}^{(20)}m_{012}^{(11)}m_{400}^{(22)}+m_{020}^{(20)}m_{012}^{(11)}m_{202}^{(00)}-m_{020}^{(20)}m_{012}^{(20)}m_{310}^{(21)}\\
&+m_{020}^{(20)}m_{012}^{(20)}m_{211}^{(10)}+m_{020}^{(20)}m_{012}^{(21)}m_{400}^{(21)}+m_{020}^{(20)}m_{012}^{(21)}m_{301}^{(10)}-2m_{020}^{(20)}m_{012}^{(21)}m_{211}^{(00)}\\
&-m_{020}^{(20)}m_{012}^{(22)}m_{310}^{(10)}+m_{020}^{(20)}m_{012}^{(22)}m_{220}^{(00)}+m_{020}^{(20)}m_{003}^{(00)}m_{220}^{(21)}-m_{020}^{(20)}m_{003}^{(00)}m_{211}^{(11)}\\
&-2m_{020}^{(20)}m_{003}^{(10)}m_{310}^{(21)}+m_{020}^{(20)}m_{003}^{(10)}m_{301}^{(11)}+m_{020}^{(20)}m_{003}^{(10)}m_{211}^{(10)}+m_{020}^{(20)}m_{003}^{(11)}m_{400}^{(21)}\\
&-m_{020}^{(20)}m_{003}^{(11)}m_{301}^{(10)}+m_{020}^{(20)}m_{003}^{(20)}m_{310}^{(11)}-m_{020}^{(20)}m_{003}^{(20)}m_{220}^{(10)}-m_{020}^{(20)}m_{003}^{(21)}m_{400}^{(11)}\\
&+m_{020}^{(20)}m_{003}^{(21)}m_{310}^{(10)}+m_{020}^{(21)}m_{300}^{(00)}m_{022}^{(22)}-m_{020}^{(21)}m_{300}^{(00)}m_{004}^{(11)}-2m_{020}^{(21)}m_{300}^{(10)}m_{112}^{(22)}\\
&+m_{020}^{(21)}m_{300}^{(10)}m_{013}^{(20)}+m_{020}^{(21)}m_{300}^{(10)}m_{004}^{(10)}+m_{020}^{(21)}m_{300}^{(11)}m_{202}^{(22)}-m_{020}^{(21)}m_{300}^{(11)}m_{103}^{(20)}\\
&+2m_{020}^{(21)}m_{300}^{(20)}m_{103}^{(11)}-m_{020}^{(21)}m_{300}^{(20)}m_{022}^{(20)}-m_{020}^{(21)}m_{300}^{(20)}m_{013}^{(10)}+m_{020}^{(21)}m_{300}^{(21)}m_{112}^{(20)}\\
&-m_{020}^{(21)}m_{300}^{(21)}m_{103}^{(10)}-m_{020}^{(21)}m_{300}^{(22)}m_{202}^{(11)}+m_{020}^{(21)}m_{300}^{(22)}m_{112}^{(10)}-m_{020}^{(21)}m_{210}^{(00)}m_{013}^{(20)}\\
&+m_{020}^{(21)}m_{210}^{(00)}m_{004}^{(10)}+m_{020}^{(21)}m_{210}^{(10)}m_{103}^{(20)}-m_{020}^{(21)}m_{210}^{(10)}m_{004}^{(00)}+m_{020}^{(21)}m_{210}^{(20)}m_{112}^{(20)}\\
&-2m_{020}^{(21)}m_{210}^{(20)}m_{103}^{(10)}+m_{020}^{(21)}m_{210}^{(20)}m_{013}^{(00)}-m_{020}^{(21)}m_{210}^{(21)}m_{202}^{(20)}+m_{020}^{(21)}m_{210}^{(21)}m_{103}^{(00)}\\
&+m_{020}^{(21)}m_{210}^{(22)}m_{202}^{(10)}-m_{020}^{(21)}m_{210}^{(22)}m_{112}^{(00)}-2m_{020}^{(21)}m_{201}^{(00)}m_{121}^{(22)}+2m_{020}^{(21)}m_{201}^{(00)}m_{103}^{(11)}\\
&-m_{020}^{(21)}m_{201}^{(00)}m_{022}^{(20)}+m_{020}^{(21)}m_{201}^{(00)}m_{013}^{(10)}+4m_{020}^{(21)}m_{201}^{(10)}m_{211}^{(22)}-3m_{020}^{(21)}m_{201}^{(10)}m_{103}^{(10)}\\
&-m_{020}^{(21)}m_{201}^{(10)}m_{013}^{(00)}-2m_{020}^{(21)}m_{201}^{(11)}m_{301}^{(22)}+m_{020}^{(21)}m_{201}^{(11)}m_{202}^{(20)}+m_{020}^{(21)}m_{201}^{(11)}m_{103}^{(00)}\\
&-4m_{020}^{(21)}m_{201}^{(20)}m_{202}^{(11)}+2m_{020}^{(21)}m_{201}^{(20)}m_{121}^{(20)}+m_{020}^{(21)}m_{201}^{(20)}m_{112}^{(10)}+m_{020}^{(21)}m_{201}^{(20)}m_{022}^{(00)}\\
&-2m_{020}^{(21)}m_{201}^{(21)}m_{211}^{(20)}+3m_{020}^{(21)}m_{201}^{(21)}m_{202}^{(10)}-m_{020}^{(21)}m_{201}^{(21)}m_{112}^{(00)}+2m_{020}^{(21)}m_{201}^{(22)}m_{301}^{(11)}\\
&-2m_{020}^{(21)}m_{201}^{(22)}m_{211}^{(10)}+2m_{020}^{(21)}m_{111}^{(00)}m_{112}^{(20)}-2m_{020}^{(21)}m_{111}^{(00)}m_{103}^{(10)}-2m_{020}^{(21)}m_{111}^{(10)}m_{202}^{(20)}\\
&+2m_{020}^{(21)}m_{111}^{(10)}m_{103}^{(00)}-2m_{020}^{(21)}m_{111}^{(20)}m_{211}^{(20)}+4m_{020}^{(21)}m_{111}^{(20)}m_{202}^{(10)}-2m_{020}^{(21)}m_{111}^{(20)}m_{112}^{(00)}\\
&+2m_{020}^{(21)}m_{111}^{(21)}m_{301}^{(20)}-2m_{020}^{(21)}m_{111}^{(21)}m_{202}^{(00)}-2m_{020}^{(21)}m_{111}^{(22)}m_{301}^{(10)}+2m_{020}^{(21)}m_{111}^{(22)}m_{211}^{(00)}\\
&+m_{020}^{(21)}m_{102}^{(00)}m_{220}^{(22)}-m_{020}^{(21)}m_{102}^{(00)}m_{202}^{(11)}+2m_{020}^{(21)}m_{102}^{(00)}m_{121}^{(20)}-2m_{020}^{(21)}m_{102}^{(00)}m_{112}^{(10)}\\
&-2m_{020}^{(21)}m_{102}^{(10)}m_{310}^{(22)}-3m_{020}^{(21)}m_{102}^{(10)}m_{211}^{(20)}+3m_{020}^{(21)}m_{102}^{(10)}m_{202}^{(10)}+2m_{020}^{(21)}m_{102}^{(10)}m_{112}^{(00)}\\
&+m_{020}^{(21)}m_{102}^{(11)}m_{400}^{(22)}+m_{020}^{(21)}m_{102}^{(11)}m_{301}^{(20)}-2m_{020}^{(21)}m_{102}^{(11)}m_{202}^{(00)}+2m_{020}^{(21)}m_{102}^{(20)}m_{301}^{(11)}\\
&-m_{020}^{(21)}m_{102}^{(20)}m_{220}^{(20)}+m_{020}^{(21)}m_{102}^{(20)}m_{211}^{(10)}-2m_{020}^{(21)}m_{102}^{(20)}m_{121}^{(00)}+m_{020}^{(21)}m_{102}^{(21)}m_{310}^{(20)}\\
&-3m_{020}^{(21)}m_{102}^{(21)}m_{301}^{(10)}+2m_{020}^{(21)}m_{102}^{(21)}m_{211}^{(00)}-m_{020}^{(21)}m_{102}^{(22)}m_{400}^{(11)}+m_{020}^{(21)}m_{102}^{(22)}m_{310}^{(10)}\\
&-m_{020}^{(21)}m_{012}^{(00)}m_{211}^{(20)}+m_{020}^{(21)}m_{012}^{(00)}m_{202}^{(10)}+m_{020}^{(21)}m_{012}^{(10)}m_{301}^{(20)}-m_{020}^{(21)}m_{012}^{(10)}m_{202}^{(00)}\\
&+m_{020}^{(21)}m_{012}^{(20)}m_{310}^{(20)}-2m_{020}^{(21)}m_{012}^{(20)}m_{301}^{(10)}+m_{020}^{(21)}m_{012}^{(20)}m_{211}^{(00)}-m_{020}^{(21)}m_{012}^{(21)}m_{400}^{(20)}\\
&+m_{020}^{(21)}m_{012}^{(21)}m_{301}^{(00)}+m_{020}^{(21)}m_{012}^{(22)}m_{400}^{(10)}-m_{020}^{(21)}m_{012}^{(22)}m_{310}^{(00)}-m_{020}^{(21)}m_{003}^{(00)}m_{220}^{(20)}\\
&+m_{020}^{(21)}m_{003}^{(00)}m_{211}^{(10)}+2m_{020}^{(21)}m_{003}^{(10)}m_{310}^{(20)}-m_{020}^{(21)}m_{003}^{(10)}m_{301}^{(10)}-m_{020}^{(21)}m_{003}^{(10)}m_{211}^{(00)}\\
&-m_{020}^{(21)}m_{003}^{(11)}m_{400}^{(20)}+m_{020}^{(21)}m_{003}^{(11)}m_{301}^{(00)}-m_{020}^{(21)}m_{003}^{(20)}m_{310}^{(10)}+m_{020}^{(21)}m_{003}^{(20)}m_{220}^{(00)}\\
&+m_{020}^{(21)}m_{003}^{(21)}m_{400}^{(10)}-m_{020}^{(21)}m_{003}^{(21)}m_{310}^{(00)}-m_{020}^{(22)}m_{300}^{(00)}m_{022}^{(21)}+m_{020}^{(22)}m_{300}^{(00)}m_{013}^{(11)}\\
&+2m_{020}^{(22)}m_{300}^{(10)}m_{112}^{(21)}-m_{020}^{(22)}m_{300}^{(10)}m_{103}^{(11)}-m_{020}^{(22)}m_{300}^{(10)}m_{013}^{(10)}-m_{020}^{(22)}m_{300}^{(11)}m_{202}^{(21)}\\
&+m_{020}^{(22)}m_{300}^{(11)}m_{103}^{(10)}-m_{020}^{(22)}m_{300}^{(20)}m_{112}^{(11)}+m_{020}^{(22)}m_{300}^{(20)}m_{022}^{(10)}+m_{020}^{(22)}m_{300}^{(21)}m_{202}^{(11)}\\
&-m_{020}^{(22)}m_{300}^{(21)}m_{112}^{(10)}+m_{020}^{(22)}m_{210}^{(00)}m_{022}^{(20)}-m_{020}^{(22)}m_{210}^{(00)}m_{013}^{(10)}-2m_{020}^{(22)}m_{210}^{(10)}m_{112}^{(20)}\\
&+m_{020}^{(22)}m_{210}^{(10)}m_{103}^{(10)}+m_{020}^{(22)}m_{210}^{(10)}m_{013}^{(00)}+m_{020}^{(22)}m_{210}^{(11)}m_{202}^{(20)}-m_{020}^{(22)}m_{210}^{(11)}m_{103}^{(00)}\\
&+m_{020}^{(22)}m_{210}^{(20)}m_{112}^{(10)}-m_{020}^{(22)}m_{210}^{(20)}m_{022}^{(00)}-m_{020}^{(22)}m_{210}^{(21)}m_{202}^{(10)}+m_{020}^{(22)}m_{210}^{(21)}m_{112}^{(00)}
\end{aligned}
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\begin{aligned}
&+2m_{020}^{(22)}m_{201}^{(00)}m_{121}^{(21)} - 2m_{020}^{(22)}m_{201}^{(00)}m_{112}^{(11)} - 4m_{020}^{(22)}m_{201}^{(10)}m_{211}^{(21)} + 2m_{020}^{(22)}m_{201}^{(10)}m_{202}^{(11)}\\
&+2m_{020}^{(22)}m_{201}^{(10)}m_{112}^{(10)} + 2m_{020}^{(22)}m_{201}^{(11)}m_{301}^{(21)} - 2m_{020}^{(22)}m_{201}^{(11)}m_{202}^{(10)} + 2m_{020}^{(22)}m_{201}^{(20)}m_{211}^{(11)}\\
&-2m_{020}^{(22)}m_{201}^{(20)}m_{121}^{(10)} - 2m_{020}^{(22)}m_{201}^{(21)}m_{301}^{(11)} + 2m_{020}^{(22)}m_{201}^{(21)}m_{211}^{(10)} - 2m_{020}^{(22)}m_{111}^{(00)}m_{121}^{(20)}\\
&+2m_{020}^{(22)}m_{111}^{(00)}m_{112}^{(10)} + 4m_{020}^{(22)}m_{111}^{(10)}m_{211}^{(20)} - 2m_{020}^{(22)}m_{111}^{(10)}m_{202}^{(10)} - 2m_{020}^{(22)}m_{111}^{(10)}m_{112}^{(00)}\\
&-2m_{020}^{(22)}m_{111}^{(11)}m_{301}^{(20)} + 2m_{020}^{(22)}m_{111}^{(11)}m_{202}^{(00)} - 2m_{020}^{(22)}m_{111}^{(20)}m_{211}^{(10)} + 2m_{020}^{(22)}m_{111}^{(20)}m_{121}^{(00)}\\
&+2m_{020}^{(22)}m_{111}^{(21)}m_{301}^{(10)} - 2m_{020}^{(22)}m_{111}^{(21)}m_{211}^{(00)} - m_{020}^{(22)}m_{102}^{(00)}m_{220}^{(21)} + m_{020}^{(22)}m_{102}^{(00)}m_{211}^{(11)}\\
&+2m_{020}^{(22)}m_{102}^{(10)}m_{310}^{(21)} - m_{020}^{(22)}m_{102}^{(10)}m_{301}^{(11)} - m_{020}^{(22)}m_{102}^{(10)}m_{211}^{(10)} - m_{020}^{(22)}m_{102}^{(11)}m_{400}^{(21)}\\
&+m_{020}^{(22)}m_{102}^{(11)}m_{301}^{(10)} - m_{020}^{(22)}m_{102}^{(20)}m_{310}^{(11)} + m_{020}^{(22)}m_{102}^{(20)}m_{220}^{(10)} + m_{020}^{(22)}m_{102}^{(21)}m_{400}^{(11)}\\
&-m_{020}^{(22)}m_{102}^{(21)}m_{310}^{(10)} + m_{020}^{(22)}m_{012}^{(00)}m_{220}^{(20)} - m_{020}^{(22)}m_{012}^{(00)}m_{211}^{(10)} - 2m_{020}^{(22)}m_{012}^{(10)}m_{310}^{(20)}\\
&+m_{020}^{(22)}m_{012}^{(10)}m_{301}^{(10)} + m_{020}^{(22)}m_{012}^{(10)}m_{211}^{(00)} + m_{020}^{(22)}m_{012}^{(11)}m_{400}^{(20)} - m_{020}^{(22)}m_{012}^{(11)}m_{301}^{(00)}\\
&+m_{020}^{(22)}m_{012}^{(20)}m_{310}^{(10)} - m_{020}^{(22)}m_{012}^{(20)}m_{220}^{(00)} - m_{020}^{(22)}m_{012}^{(21)}m_{400}^{(10)} + m_{020}^{(22)}m_{012}^{(21)}m_{310}^{(00)}\\
&+2m_{011}^{(00)}m_{210}^{(10)}m_{022}^{(22)} - 2m_{011}^{(00)}m_{210}^{(10)}m_{013}^{(21)} - 2m_{011}^{(00)}m_{210}^{(11)}m_{112}^{(22)} + 2m_{011}^{(00)}m_{210}^{(11)}m_{013}^{(20)}\\
&-2m_{011}^{(00)}m_{210}^{(20)}m_{031}^{(22)} + 2m_{011}^{(00)}m_{210}^{(20)}m_{022}^{(21)} + 2m_{011}^{(00)}m_{210}^{(21)}m_{121}^{(22)} + 2m_{011}^{(00)}m_{210}^{(21)}m_{112}^{(21)}\\
&-4m_{011}^{(00)}m_{210}^{(21)}m_{022}^{(20)} - 2m_{011}^{(00)}m_{210}^{(22)}m_{121}^{(21)} + 2m_{011}^{(00)}m_{210}^{(22)}m_{031}^{(20)} - 2m_{011}^{(00)}m_{201}^{(10)}m_{022}^{(21)}\\
&+2m_{011}^{(00)}m_{201}^{(10)}m_{013}^{(11)} + 2m_{011}^{(00)}m_{201}^{(11)}m_{112}^{(21)} - 2m_{011}^{(00)}m_{201}^{(11)}m_{013}^{(10)} + 2m_{011}^{(00)}m_{201}^{(20)}m_{031}^{(21)}\\
&-2m_{011}^{(00)}m_{201}^{(20)}m_{022}^{(11)} - 2m_{011}^{(00)}m_{201}^{(21)}m_{121}^{(21)} - 2m_{011}^{(00)}m_{201}^{(21)}m_{112}^{(11)} + 4m_{011}^{(00)}m_{201}^{(21)}m_{022}^{(10)}\\
&+2m_{011}^{(00)}m_{201}^{(22)}m_{121}^{(11)} - 2m_{011}^{(00)}m_{201}^{(22)}m_{031}^{(10)} - 2m_{011}^{(00)}m_{120}^{(10)}m_{112}^{(22)} + 2m_{011}^{(00)}m_{120}^{(10)}m_{103}^{(21)}\\
&+2m_{011}^{(00)}m_{120}^{(11)}m_{202}^{(22)} - 2m_{011}^{(00)}m_{120}^{(11)}m_{103}^{(20)} + 2m_{011}^{(00)}m_{120}^{(20)}m_{121}^{(22)} - 2m_{011}^{(00)}m_{120}^{(20)}m_{112}^{(21)}\\
&-2m_{011}^{(00)}m_{120}^{(21)}m_{211}^{(22)} - 2m_{011}^{(00)}m_{120}^{(21)}m_{202}^{(21)} + 4m_{011}^{(00)}m_{120}^{(21)}m_{112}^{(20)} + 2m_{011}^{(00)}m_{120}^{(22)}m_{211}^{(21)}\\
&-2m_{011}^{(00)}m_{120}^{(22)}m_{121}^{(20)} - 2m_{011}^{(00)}m_{111}^{(10)}m_{121}^{(22)} + 4m_{011}^{(00)}m_{111}^{(10)}m_{112}^{(21)} - 2m_{011}^{(00)}m_{111}^{(10)}m_{103}^{(11)}\\
&+2m_{011}^{(00)}m_{111}^{(11)}m_{211}^{(22)} - 2m_{011}^{(00)}m_{111}^{(11)}m_{202}^{(21)} - 2m_{011}^{(00)}m_{111}^{(11)}m_{112}^{(20)} + 2m_{011}^{(00)}m_{111}^{(11)}m_{103}^{(10)}\\
&+2m_{011}^{(00)}m_{111}^{(20)}m_{130}^{(22)} - 4m_{011}^{(00)}m_{111}^{(20)}m_{121}^{(21)} + 2m_{011}^{(00)}m_{111}^{(20)}m_{112}^{(11)} - 2m_{011}^{(00)}m_{111}^{(21)}m_{220}^{(22)}\\
&+2m_{011}^{(00)}m_{111}^{(21)}m_{202}^{(11)} + 4m_{011}^{(00)}m_{111}^{(21)}m_{121}^{(20)} - 4m_{011}^{(00)}m_{111}^{(21)}m_{112}^{(10)} + 2m_{011}^{(00)}m_{111}^{(22)}m_{220}^{(21)}\\
&-2m_{011}^{(00)}m_{111}^{(22)}m_{211}^{(11)} - 2m_{011}^{(00)}m_{111}^{(22)}m_{130}^{(20)} + 2m_{011}^{(00)}m_{111}^{(22)}m_{121}^{(10)} + 2m_{011}^{(00)}m_{102}^{(10)}m_{121}^{(21)}\\
&-2m_{011}^{(00)}m_{102}^{(10)}m_{112}^{(11)} - 2m_{011}^{(00)}m_{102}^{(11)}m_{211}^{(21)} + 2m_{011}^{(00)}m_{102}^{(11)}m_{112}^{(10)} - 2m_{011}^{(00)}m_{102}^{(20)}m_{130}^{(21)}\\
&+2m_{011}^{(00)}m_{102}^{(20)}m_{121}^{(11)} + 2m_{011}^{(00)}m_{102}^{(21)}m_{220}^{(21)} + 2m_{011}^{(00)}m_{102}^{(21)}m_{211}^{(11)} - 4m_{011}^{(00)}m_{102}^{(21)}m_{121}^{(10)}\\
&-2m_{011}^{(00)}m_{102}^{(22)}m_{220}^{(11)} + 2m_{011}^{(00)}m_{102}^{(22)}m_{130}^{(10)} + 2m_{011}^{(00)}m_{021}^{(10)}m_{211}^{(22)} - 2m_{011}^{(00)}m_{021}^{(10)}m_{202}^{(21)}\\
&-2m_{011}^{(00)}m_{021}^{(11)}m_{301}^{(22)} + 2m_{011}^{(00)}m_{021}^{(11)}m_{202}^{(20)} - 2m_{011}^{(00)}m_{021}^{(20)}m_{220}^{(22)} + 2m_{011}^{(00)}m_{021}^{(20)}m_{211}^{(21)}\\
&+2m_{011}^{(00)}m_{021}^{(21)}m_{310}^{(22)} + 2m_{011}^{(00)}m_{021}^{(21)}m_{301}^{(21)} - 4m_{011}^{(00)}m_{021}^{(21)}m_{211}^{(20)} - 2m_{011}^{(00)}m_{021}^{(22)}m_{310}^{(21)}\\
&+2m_{011}^{(00)}m_{021}^{(22)}m_{220}^{(20)} - 2m_{011}^{(00)}m_{012}^{(10)}m_{211}^{(21)} + 2m_{011}^{(00)}m_{012}^{(10)}m_{202}^{(11)} + 2m_{011}^{(00)}m_{012}^{(11)}m_{301}^{(21)}\\
&-2m_{011}^{(00)}m_{012}^{(11)}m_{202}^{(10)} + 2m_{011}^{(00)}m_{012}^{(20)}m_{220}^{(21)} - 2m_{011}^{(00)}m_{012}^{(20)}m_{211}^{(11)} - 2m_{011}^{(00)}m_{012}^{(21)}m_{310}^{(21)}\\
&-2m_{011}^{(00)}m_{012}^{(21)}m_{301}^{(11)} + 4m_{011}^{(00)}m_{012}^{(21)}m_{211}^{(10)} + 2m_{011}^{(00)}m_{012}^{(22)}m_{310}^{(11)} - 2m_{011}^{(00)}m_{012}^{(22)}m_{220}^{(10)}\\
&-2m_{011}^{(10)}m_{300}^{(10)}m_{022}^{(22)} + 2m_{011}^{(10)}m_{300}^{(10)}m_{013}^{(21)} + 2m_{011}^{(10)}m_{300}^{(11)}m_{112}^{(22)} - 2m_{011}^{(10)}m_{300}^{(11)}m_{013}^{(20)}\\
&+2m_{011}^{(10)}m_{300}^{(20)}m_{031}^{(22)} - 2m_{011}^{(10)}m_{300}^{(20)}m_{022}^{(21)} - 2m_{011}^{(10)}m_{300}^{(21)}m_{121}^{(22)} - 2m_{011}^{(10)}m_{300}^{(21)}m_{112}^{(21)}\\
&+4m_{011}^{(10)}m_{300}^{(21)}m_{022}^{(20)} + 2m_{011}^{(10)}m_{300}^{(22)}m_{121}^{(21)} - 2m_{011}^{(10)}m_{300}^{(22)}m_{031}^{(20)} - 2m_{011}^{(10)}m_{210}^{(00)}m_{022}^{(22)}\\
&+2m_{011}^{(10)}m_{210}^{(00)}m_{013}^{(21)} + 4m_{011}^{(10)}m_{210}^{(10)}m_{112}^{(22)} - 2m_{011}^{(10)}m_{210}^{(10)}m_{103}^{(21)} - 2m_{011}^{(10)}m_{210}^{(10)}m_{013}^{(20)}\\
&-2m_{011}^{(10)}m_{210}^{(11)}m_{202}^{(22)} + 2m_{011}^{(10)}m_{210}^{(11)}m_{103}^{(20)} - 2m_{011}^{(10)}m_{210}^{(20)}m_{112}^{(21)} + 2m_{011}^{(10)}m_{210}^{(20)}m_{022}^{(20)}\\
&+2m_{011}^{(10)}m_{210}^{(21)}m_{202}^{(21)} - 2m_{011}^{(10)}m_{210}^{(21)}m_{112}^{(20)} + 2m_{011}^{(10)}m_{201}^{(00)}m_{022}^{(21)} - 2m_{011}^{(10)}m_{201}^{(00)}m_{013}^{(11)}
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&+2m_{011}^{(10)}m_{201}^{(10)}m_{121}^{(22)} - 4m_{011}^{(10)}m_{201}^{(10)}m_{112}^{(21)} + 2m_{011}^{(10)}m_{201}^{(10)}m_{022}^{(20)} - 2m_{011}^{(10)}m_{201}^{(11)}m_{211}^{(22)}\\
&+2m_{011}^{(10)}m_{201}^{(11)}m_{013}^{(00)} - 2m_{011}^{(10)}m_{201}^{(20)}m_{130}^{(22)} + 4m_{011}^{(10)}m_{201}^{(20)}m_{112}^{(11)} - 2m_{011}^{(10)}m_{201}^{(20)}m_{031}^{(20)}\\
&+2m_{011}^{(10)}m_{201}^{(21)}m_{220}^{(22)} + 4m_{011}^{(10)}m_{201}^{(21)}m_{211}^{(21)} - 2m_{011}^{(10)}m_{201}^{(21)}m_{121}^{(20)} - 4m_{011}^{(10)}m_{201}^{(21)}m_{022}^{(00)}\\
&-2m_{011}^{(10)}m_{201}^{(22)}m_{220}^{(21)} - 2m_{011}^{(10)}m_{201}^{(22)}m_{211}^{(11)} + 2m_{011}^{(10)}m_{201}^{(22)}m_{130}^{(20)} + 2m_{011}^{(10)}m_{201}^{(22)}m_{031}^{(00)}\\
&+2m_{011}^{(10)}m_{120}^{(00)}m_{112}^{(22)} - 2m_{011}^{(10)}m_{120}^{(00)}m_{103}^{(21)} - 2m_{011}^{(10)}m_{120}^{(10)}m_{202}^{(22)} + 2m_{011}^{(10)}m_{120}^{(10)}m_{103}^{(20)}\\
&-2m_{011}^{(10)}m_{120}^{(20)}m_{211}^{(22)} + 4m_{011}^{(10)}m_{120}^{(20)}m_{202}^{(21)} - 2m_{011}^{(10)}m_{120}^{(20)}m_{112}^{(20)} + 2m_{011}^{(10)}m_{120}^{(21)}m_{301}^{(22)}\\
&-2m_{011}^{(10)}m_{120}^{(21)}m_{202}^{(20)} - 2m_{011}^{(10)}m_{120}^{(22)}m_{301}^{(21)} + 2m_{011}^{(10)}m_{120}^{(22)}m_{211}^{(20)} + 2m_{011}^{(10)}m_{111}^{(00)}m_{121}^{(22)}\\
&-4m_{011}^{(10)}m_{111}^{(00)}m_{112}^{(21)} + 2m_{011}^{(10)}m_{111}^{(00)}m_{103}^{(11)} - 4m_{011}^{(10)}m_{111}^{(10)}m_{211}^{(22)} + 4m_{011}^{(10)}m_{111}^{(10)}m_{202}^{(21)}\\
&+2m_{011}^{(10)}m_{111}^{(11)}m_{301}^{(22)} - 2m_{011}^{(10)}m_{111}^{(11)}m_{103}^{(00)} + 4m_{011}^{(10)}m_{111}^{(20)}m_{211}^{(21)} - 4m_{011}^{(10)}m_{111}^{(20)}m_{202}^{(11)}\\
&-4m_{011}^{(10)}m_{111}^{(21)}m_{301}^{(21)} + 4m_{011}^{(10)}m_{111}^{(21)}m_{112}^{(00)} + 2m_{011}^{(10)}m_{111}^{(22)}m_{301}^{(11)} - 2m_{011}^{(10)}m_{111}^{(22)}m_{121}^{(00)}\\
&-2m_{011}^{(10)}m_{102}^{(00)}m_{121}^{(21)} + 2m_{011}^{(10)}m_{102}^{(00)}m_{112}^{(11)} + 2m_{011}^{(10)}m_{102}^{(10)}m_{211}^{(21)} - 2m_{011}^{(10)}m_{102}^{(10)}m_{121}^{(20)}\\
&+2m_{011}^{(10)}m_{102}^{(11)}m_{211}^{(20)} - 2m_{011}^{(10)}m_{102}^{(11)}m_{112}^{(00)} + 2m_{011}^{(10)}m_{102}^{(20)}m_{220}^{(21)} - 4m_{011}^{(10)}m_{102}^{(20)}m_{211}^{(11)}\\
&+2m_{011}^{(10)}m_{102}^{(20)}m_{130}^{(20)} - 2m_{011}^{(10)}m_{102}^{(21)}m_{310}^{(21)} - 2m_{011}^{(10)}m_{102}^{(21)}m_{220}^{(20)} + 4m_{011}^{(10)}m_{102}^{(21)}m_{121}^{(00)}\\
&+2m_{011}^{(10)}m_{102}^{(22)}m_{310}^{(11)} - 2m_{011}^{(10)}m_{102}^{(22)}m_{130}^{(00)} - 2m_{011}^{(10)}m_{021}^{(00)}m_{211}^{(22)} + 2m_{011}^{(10)}m_{021}^{(00)}m_{202}^{(21)}\\
&+2m_{011}^{(10)}m_{021}^{(10)}m_{301}^{(22)} - 2m_{011}^{(10)}m_{021}^{(10)}m_{202}^{(20)} + 2m_{011}^{(10)}m_{021}^{(20)}m_{310}^{(22)} - 4m_{011}^{(10)}m_{021}^{(20)}m_{301}^{(21)}\\
&+2m_{011}^{(10)}m_{021}^{(20)}m_{211}^{(20)} - 2m_{011}^{(10)}m_{021}^{(21)}m_{400}^{(22)} + 2m_{011}^{(10)}m_{021}^{(21)}m_{301}^{(20)} + 2m_{011}^{(10)}m_{021}^{(22)}m_{400}^{(21)}\\
&-2m_{011}^{(10)}m_{021}^{(22)}m_{310}^{(20)} + 2m_{011}^{(10)}m_{012}^{(00)}m_{211}^{(21)} - 2m_{011}^{(10)}m_{012}^{(00)}m_{202}^{(11)} - 2m_{011}^{(10)}m_{012}^{(10)}m_{301}^{(21)}\\
&+2m_{011}^{(10)}m_{012}^{(10)}m_{211}^{(20)} - 2m_{011}^{(10)}m_{012}^{(11)}m_{301}^{(20)} + 2m_{011}^{(10)}m_{012}^{(11)}m_{202}^{(00)} - 2m_{011}^{(10)}m_{012}^{(20)}m_{310}^{(21)}\\
&+4m_{011}^{(10)}m_{012}^{(20)}m_{301}^{(11)} - 2m_{011}^{(10)}m_{012}^{(20)}m_{220}^{(20)} + 2m_{011}^{(10)}m_{012}^{(21)}m_{400}^{(21)} + 2m_{011}^{(10)}m_{012}^{(21)}m_{310}^{(20)}\\
&-4m_{011}^{(10)}m_{012}^{(21)}m_{211}^{(00)} - 2m_{011}^{(10)}m_{012}^{(22)}m_{400}^{(11)} + 2m_{011}^{(10)}m_{012}^{(22)}m_{220}^{(00)} + 2m_{011}^{(11)}m_{300}^{(00)}m_{022}^{(22)}\\
&-2m_{011}^{(11)}m_{300}^{(00)}m_{013}^{(21)} - 2m_{011}^{(11)}m_{300}^{(10)}m_{112}^{(22)} + 2m_{011}^{(11)}m_{300}^{(10)}m_{013}^{(20)} - 2m_{011}^{(11)}m_{300}^{(20)}m_{121}^{(22)}\\
&+4m_{011}^{(11)}m_{300}^{(20)}m_{112}^{(21)} - 2m_{011}^{(11)}m_{300}^{(20)}m_{022}^{(20)} + 2m_{011}^{(11)}m_{300}^{(21)}m_{211}^{(22)} - 2m_{011}^{(11)}m_{300}^{(21)}m_{112}^{(20)}\\
&-2m_{011}^{(11)}m_{300}^{(22)}m_{211}^{(21)} + 2m_{011}^{(11)}m_{300}^{(22)}m_{121}^{(20)} - 2m_{011}^{(11)}m_{210}^{(00)}m_{112}^{(22)} + 2m_{011}^{(11)}m_{210}^{(00)}m_{103}^{(21)}\\
&+2m_{011}^{(11)}m_{210}^{(10)}m_{202}^{(22)} - 2m_{011}^{(11)}m_{210}^{(10)}m_{103}^{(20)} + 2m_{011}^{(11)}m_{210}^{(20)}m_{211}^{(22)} - 4m_{011}^{(11)}m_{210}^{(20)}m_{202}^{(21)}\\
&+2m_{011}^{(11)}m_{210}^{(20)}m_{112}^{(20)} - 2m_{011}^{(11)}m_{210}^{(21)}m_{301}^{(22)} + 2m_{011}^{(11)}m_{210}^{(21)}m_{202}^{(20)} + 2m_{011}^{(11)}m_{210}^{(22)}m_{301}^{(21)}\\
&-2m_{011}^{(11)}m_{210}^{(22)}m_{211}^{(20)} - 2m_{011}^{(11)}m_{201}^{(00)}m_{121}^{(22)} + 2m_{011}^{(11)}m_{201}^{(00)}m_{112}^{(21)} - 2m_{011}^{(11)}m_{201}^{(00)}m_{022}^{(20)}\\
&+2m_{011}^{(11)}m_{201}^{(00)}m_{013}^{(10)} + 2m_{011}^{(11)}m_{201}^{(10)}m_{211}^{(22)} - 2m_{011}^{(11)}m_{201}^{(10)}m_{013}^{(00)} + 2m_{011}^{(11)}m_{201}^{(20)}m_{220}^{(22)}\\
&-4m_{011}^{(11)}m_{201}^{(20)}m_{211}^{(21)} + 4m_{011}^{(11)}m_{201}^{(20)}m_{121}^{(20)} - 4m_{011}^{(11)}m_{201}^{(20)}m_{112}^{(10)} + 2m_{011}^{(11)}m_{201}^{(20)}m_{022}^{(00)}\\
&-2m_{011}^{(11)}m_{201}^{(21)}m_{310}^{(22)} + 2m_{011}^{(11)}m_{201}^{(21)}m_{112}^{(00)} + 2m_{011}^{(11)}m_{201}^{(22)}m_{310}^{(21)} - 2m_{011}^{(11)}m_{201}^{(22)}m_{220}^{(20)}\\
&+2m_{011}^{(11)}m_{201}^{(22)}m_{211}^{(10)} - 2m_{011}^{(11)}m_{201}^{(22)}m_{121}^{(00)} + 2m_{011}^{(11)}m_{111}^{(00)}m_{211}^{(22)} - 2m_{011}^{(11)}m_{111}^{(00)}m_{202}^{(21)}\\
&+2m_{011}^{(11)}m_{111}^{(00)}m_{112}^{(20)} - 2m_{011}^{(11)}m_{111}^{(00)}m_{103}^{(10)} - 2m_{011}^{(11)}m_{111}^{(10)}m_{301}^{(22)} + 2m_{011}^{(11)}m_{111}^{(10)}m_{103}^{(00)}\\
&-2m_{011}^{(11)}m_{111}^{(20)}m_{310}^{(22)} + 4m_{011}^{(11)}m_{111}^{(20)}m_{301}^{(21)} - 4m_{011}^{(11)}m_{111}^{(20)}m_{211}^{(20)} + 4m_{011}^{(11)}m_{111}^{(20)}m_{202}^{(10)}\\
&-2m_{011}^{(11)}m_{111}^{(20)}m_{112}^{(00)} + 2m_{011}^{(11)}m_{111}^{(21)}m_{400}^{(22)} - 2m_{011}^{(11)}m_{111}^{(21)}m_{202}^{(00)} - 2m_{011}^{(11)}m_{111}^{(22)}m_{400}^{(21)}\\
&+2m_{011}^{(11)}m_{111}^{(22)}m_{310}^{(20)} - 2m_{011}^{(11)}m_{111}^{(22)}m_{301}^{(10)} + 2m_{011}^{(11)}m_{111}^{(22)}m_{211}^{(00)} + 2m_{011}^{(11)}m_{102}^{(00)}m_{121}^{(20)}\\
&-2m_{011}^{(11)}m_{102}^{(00)}m_{112}^{(10)} - 2m_{011}^{(11)}m_{102}^{(10)}m_{211}^{(20)} + 2m_{011}^{(11)}m_{102}^{(10)}m_{112}^{(00)} - 2m_{011}^{(11)}m_{102}^{(20)}m_{220}^{(20)}\\
&+4m_{011}^{(11)}m_{102}^{(20)}m_{211}^{(10)} - 2m_{011}^{(11)}m_{102}^{(20)}m_{121}^{(00)} + 2m_{011}^{(11)}m_{102}^{(21)}m_{310}^{(20)} - 2m_{011}^{(11)}m_{102}^{(21)}m_{211}^{(00)}\\
&-2m_{011}^{(11)}m_{102}^{(22)}m_{310}^{(10)} + 2m_{011}^{(11)}m_{102}^{(22)}m_{220}^{(00)} - 2m_{011}^{(11)}m_{012}^{(00)}m_{211}^{(20)} + 2m_{011}^{(11)}m_{012}^{(00)}m_{202}^{(10)}\\
&+2m_{011}^{(11)}m_{012}^{(10)}m_{301}^{(20)} - 2m_{011}^{(11)}m_{012}^{(10)}m_{202}^{(00)} + 2m_{011}^{(11)}m_{012}^{(20)}m_{310}^{(20)} - 4m_{011}^{(11)}m_{012}^{(20)}m_{301}^{(10)}
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&+2m_{011}^{(11)}m_{012}^{(20)}m_{211}^{(00)} - 2m_{011}^{(11)}m_{012}^{(21)}m_{400}^{(20)} + 2m_{011}^{(11)}m_{012}^{(21)}m_{301}^{(00)} + 2m_{011}^{(11)}m_{012}^{(22)}m_{400}^{(10)}\\
&-2m_{011}^{(11)}m_{012}^{(22)}m_{310}^{(00)} + 2m_{011}^{(20)}m_{300}^{(10)}m_{022}^{(21)} - 2m_{011}^{(20)}m_{300}^{(10)}m_{013}^{(11)} - 2m_{011}^{(20)}m_{300}^{(11)}m_{112}^{(21)}\\
&+2m_{011}^{(20)}m_{300}^{(11)}m_{013}^{(10)} - 2m_{011}^{(20)}m_{300}^{(20)}m_{031}^{(21)} + 2m_{011}^{(20)}m_{300}^{(20)}m_{022}^{(11)} + 2m_{011}^{(20)}m_{300}^{(21)}m_{121}^{(21)}\\
&+2m_{011}^{(20)}m_{300}^{(21)}m_{112}^{(11)} - 4m_{011}^{(20)}m_{300}^{(21)}m_{022}^{(10)} - 2m_{011}^{(20)}m_{300}^{(22)}m_{121}^{(11)} + 2m_{011}^{(20)}m_{300}^{(22)}m_{031}^{(10)}\\
&+2m_{011}^{(20)}m_{210}^{(00)}m_{031}^{(22)} - 2m_{011}^{(20)}m_{210}^{(00)}m_{022}^{(21)} - 4m_{011}^{(20)}m_{210}^{(10)}m_{121}^{(22)} + 2m_{011}^{(20)}m_{210}^{(10)}m_{103}^{(11)}\\
&+2m_{011}^{(20)}m_{210}^{(10)}m_{013}^{(10)} + 2m_{011}^{(20)}m_{210}^{(11)}m_{211}^{(22)} + 2m_{011}^{(20)}m_{210}^{(11)}m_{202}^{(21)} - 2m_{011}^{(20)}m_{210}^{(11)}m_{103}^{(10)}\\
&-2m_{011}^{(20)}m_{210}^{(11)}m_{013}^{(00)} + 4m_{011}^{(20)}m_{210}^{(20)}m_{121}^{(21)} - 2m_{011}^{(20)}m_{210}^{(20)}m_{112}^{(11)} - 2m_{011}^{(20)}m_{210}^{(20)}m_{022}^{(10)}\\
&-4m_{011}^{(20)}m_{210}^{(21)}m_{211}^{(21)} - 2m_{011}^{(20)}m_{210}^{(21)}m_{202}^{(11)} + 2m_{011}^{(20)}m_{210}^{(21)}m_{112}^{(10)} + 4m_{011}^{(20)}m_{210}^{(21)}m_{022}^{(00)}\\
&+2m_{011}^{(20)}m_{210}^{(22)}m_{211}^{(11)} - 2m_{011}^{(20)}m_{210}^{(22)}m_{031}^{(00)} - 2m_{011}^{(20)}m_{201}^{(00)}m_{031}^{(21)} + 2m_{011}^{(20)}m_{201}^{(00)}m_{022}^{(11)}\\
&+2m_{011}^{(20)}m_{201}^{(10)}m_{121}^{(21)} - 2m_{011}^{(20)}m_{201}^{(10)}m_{022}^{(10)} + 2m_{011}^{(20)}m_{201}^{(20)}m_{130}^{(21)} - 4m_{011}^{(20)}m_{201}^{(20)}m_{121}^{(11)}\\
&+2m_{011}^{(20)}m_{201}^{(20)}m_{031}^{(10)} - 2m_{011}^{(20)}m_{201}^{(21)}m_{220}^{(21)} + 2m_{011}^{(20)}m_{201}^{(21)}m_{121}^{(10)} + 2m_{011}^{(20)}m_{201}^{(22)}m_{220}^{(11)}\\
&-2m_{011}^{(20)}m_{201}^{(22)}m_{130}^{(10)} - 2m_{011}^{(20)}m_{120}^{(00)}m_{121}^{(22)} + 2m_{011}^{(20)}m_{120}^{(00)}m_{112}^{(21)} + 4m_{011}^{(20)}m_{120}^{(10)}m_{211}^{(22)}\\
&-2m_{011}^{(20)}m_{120}^{(10)}m_{202}^{(21)} - 2m_{011}^{(20)}m_{120}^{(10)}m_{103}^{(10)} - 2m_{011}^{(20)}m_{120}^{(11)}m_{301}^{(22)} + 2m_{011}^{(20)}m_{120}^{(11)}m_{103}^{(00)}\\
&-2m_{011}^{(20)}m_{120}^{(20)}m_{211}^{(21)} + 2m_{011}^{(20)}m_{120}^{(20)}m_{112}^{(10)} + 2m_{011}^{(20)}m_{120}^{(21)}m_{301}^{(21)} + 2m_{011}^{(20)}m_{120}^{(21)}m_{202}^{(10)}\\
&-4m_{011}^{(20)}m_{120}^{(21)}m_{112}^{(00)} - 2m_{011}^{(20)}m_{120}^{(22)}m_{211}^{(10)} + 2m_{011}^{(20)}m_{120}^{(22)}m_{121}^{(00)} - 2m_{011}^{(20)}m_{111}^{(00)}m_{130}^{(22)}\\
&+4m_{011}^{(20)}m_{111}^{(00)}m_{121}^{(21)} - 2m_{011}^{(20)}m_{111}^{(00)}m_{112}^{(11)} + 4m_{011}^{(20)}m_{111}^{(10)}m_{220}^{(22)} - 4m_{011}^{(20)}m_{111}^{(10)}m_{211}^{(21)}\\
&-2m_{011}^{(20)}m_{111}^{(11)}m_{310}^{(22)} + 2m_{011}^{(20)}m_{111}^{(11)}m_{112}^{(00)} - 4m_{011}^{(20)}m_{111}^{(20)}m_{220}^{(21)} + 4m_{011}^{(20)}m_{111}^{(20)}m_{211}^{(11)}\\
&+4m_{011}^{(20)}m_{111}^{(21)}m_{310}^{(21)} - 4m_{011}^{(20)}m_{111}^{(21)}m_{121}^{(00)} - 2m_{011}^{(20)}m_{111}^{(22)}m_{310}^{(11)} + 2m_{011}^{(20)}m_{111}^{(22)}m_{130}^{(00)}\\
&+2m_{011}^{(20)}m_{102}^{(00)}m_{130}^{(21)} - 2m_{011}^{(20)}m_{102}^{(00)}m_{121}^{(11)} - 4m_{011}^{(20)}m_{102}^{(10)}m_{220}^{(21)} + 2m_{011}^{(20)}m_{102}^{(10)}m_{211}^{(11)}\\
&+2m_{011}^{(20)}m_{102}^{(10)}m_{121}^{(10)} + 2m_{011}^{(20)}m_{102}^{(11)}m_{310}^{(21)} - 2m_{011}^{(20)}m_{102}^{(11)}m_{211}^{(10)} + 2m_{011}^{(20)}m_{102}^{(20)}m_{220}^{(11)}\\
&-2m_{011}^{(20)}m_{102}^{(20)}m_{130}^{(10)} - 2m_{011}^{(20)}m_{102}^{(21)}m_{310}^{(11)} + 2m_{011}^{(20)}m_{102}^{(21)}m_{220}^{(10)} + 2m_{011}^{(20)}m_{021}^{(00)}m_{220}^{(22)}\\
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&+2m_{011}^{(20)}m_{021}^{(11)}m_{400}^{(22)} - 2m_{011}^{(20)}m_{021}^{(11)}m_{202}^{(00)} + 2m_{011}^{(20)}m_{021}^{(20)}m_{310}^{(21)} - 2m_{011}^{(20)}m_{021}^{(20)}m_{211}^{(10)}\\
&-2m_{011}^{(20)}m_{021}^{(21)}m_{400}^{(21)} - 2m_{011}^{(20)}m_{021}^{(21)}m_{301}^{(10)} + 4m_{011}^{(20)}m_{021}^{(21)}m_{211}^{(00)} + 2m_{011}^{(20)}m_{021}^{(22)}m_{310}^{(10)}\\
&-2m_{011}^{(20)}m_{021}^{(22)}m_{220}^{(00)} - 2m_{011}^{(20)}m_{012}^{(00)}m_{220}^{(21)} + 2m_{011}^{(20)}m_{012}^{(00)}m_{211}^{(11)} + 4m_{011}^{(20)}m_{012}^{(10)}m_{310}^{(21)}\\
&-2m_{011}^{(20)}m_{012}^{(10)}m_{301}^{(11)} - 2m_{011}^{(20)}m_{012}^{(10)}m_{211}^{(10)} - 2m_{011}^{(20)}m_{012}^{(11)}m_{400}^{(21)} + 2m_{011}^{(20)}m_{012}^{(11)}m_{301}^{(10)}\\
&-2m_{011}^{(20)}m_{012}^{(20)}m_{310}^{(11)} + 2m_{011}^{(20)}m_{012}^{(20)}m_{220}^{(10)} + 2m_{011}^{(20)}m_{012}^{(21)}m_{400}^{(11)} - 2m_{011}^{(20)}m_{012}^{(21)}m_{310}^{(10)}\\
&-2m_{011}^{(21)}m_{300}^{(00)}m_{031}^{(22)} + 2m_{011}^{(21)}m_{300}^{(00)}m_{013}^{(11)} + 4m_{011}^{(21)}m_{300}^{(10)}m_{121}^{(22)} - 2m_{011}^{(21)}m_{300}^{(10)}m_{022}^{(20)}\\
&-2m_{011}^{(21)}m_{300}^{(10)}m_{013}^{(10)} - 2m_{011}^{(21)}m_{300}^{(11)}m_{211}^{(22)} + 2m_{011}^{(21)}m_{300}^{(11)}m_{112}^{(20)} - 4m_{011}^{(21)}m_{300}^{(20)}m_{112}^{(11)}\\
&+2m_{011}^{(21)}m_{300}^{(20)}m_{031}^{(20)} + 2m_{011}^{(21)}m_{300}^{(20)}m_{022}^{(10)} - 2m_{011}^{(21)}m_{300}^{(21)}m_{121}^{(20)} + 2m_{011}^{(21)}m_{300}^{(21)}m_{112}^{(10)}\\
&+2m_{011}^{(21)}m_{300}^{(22)}m_{211}^{(11)} - 2m_{011}^{(21)}m_{300}^{(22)}m_{121}^{(10)} + 2m_{011}^{(21)}m_{210}^{(00)}m_{121}^{(22)} - 2m_{011}^{(21)}m_{210}^{(00)}m_{103}^{(11)}\\
&+2m_{011}^{(21)}m_{210}^{(00)}m_{022}^{(20)} - 2m_{011}^{(21)}m_{210}^{(00)}m_{013}^{(10)} - 4m_{011}^{(21)}m_{210}^{(10)}m_{211}^{(22)} + 2m_{011}^{(21)}m_{210}^{(10)}m_{103}^{(10)}\\
&+2m_{011}^{(21)}m_{210}^{(10)}m_{013}^{(00)} + 2m_{011}^{(21)}m_{210}^{(11)}m_{301}^{(22)} - 2m_{011}^{(21)}m_{210}^{(11)}m_{202}^{(20)} + 4m_{011}^{(21)}m_{210}^{(20)}m_{202}^{(11)}\\
&-4m_{011}^{(21)}m_{210}^{(20)}m_{121}^{(20)} + 2m_{011}^{(21)}m_{210}^{(20)}m_{112}^{(10)} - 2m_{011}^{(21)}m_{210}^{(20)}m_{022}^{(00)} + 4m_{011}^{(21)}m_{210}^{(21)}m_{211}^{(20)}\\
&-2m_{011}^{(21)}m_{210}^{(21)}m_{202}^{(10)} - 2m_{011}^{(21)}m_{210}^{(21)}m_{112}^{(00)} - 2m_{011}^{(21)}m_{210}^{(22)}m_{301}^{(11)} + 2m_{011}^{(21)}m_{210}^{(22)}m_{121}^{(00)}\\
&+2m_{011}^{(21)}m_{201}^{(00)}m_{130}^{(22)} - 2m_{011}^{(21)}m_{201}^{(00)}m_{112}^{(11)} + 2m_{011}^{(21)}m_{201}^{(00)}m_{031}^{(20)} - 2m_{011}^{(21)}m_{201}^{(00)}m_{022}^{(10)}\\
&-4m_{011}^{(21)}m_{201}^{(10)}m_{220}^{(22)} - 2m_{011}^{(21)}m_{201}^{(10)}m_{121}^{(20)} + 4m_{011}^{(21)}m_{201}^{(10)}m_{112}^{(10)} + 2m_{011}^{(21)}m_{201}^{(10)}m_{022}^{(00)}\\
&+2m_{011}^{(21)}m_{201}^{(11)}m_{310}^{(22)} - 2m_{011}^{(21)}m_{201}^{(11)}m_{112}^{(00)} + 4m_{011}^{(21)}m_{201}^{(20)}m_{211}^{(11)} - 2m_{011}^{(21)}m_{201}^{(20)}m_{130}^{(20)}
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&-2m_{011}^{(21)}m_{201}^{(20)}m_{031}^{(00)} + 2m_{011}^{(21)}m_{201}^{(21)}m_{220}^{(20)} - 4m_{011}^{(21)}m_{201}^{(21)}m_{211}^{(10)} + 2m_{011}^{(21)}m_{201}^{(21)}m_{121}^{(00)}\\
&-2m_{011}^{(21)}m_{201}^{(22)}m_{310}^{(11)} + 2m_{011}^{(21)}m_{201}^{(22)}m_{220}^{(10)} - 2m_{011}^{(21)}m_{120}^{(00)}m_{112}^{(20)} + 2m_{011}^{(21)}m_{120}^{(00)}m_{103}^{(10)}\\
&+2m_{011}^{(21)}m_{120}^{(10)}m_{202}^{(20)} - 2m_{011}^{(21)}m_{120}^{(10)}m_{103}^{(00)} + 2m_{011}^{(21)}m_{120}^{(20)}m_{211}^{(20)} - 4m_{011}^{(21)}m_{120}^{(20)}m_{202}^{(10)}\\
&+2m_{011}^{(21)}m_{120}^{(20)}m_{112}^{(00)} - 2m_{011}^{(21)}m_{120}^{(21)}m_{301}^{(20)} + 2m_{011}^{(21)}m_{120}^{(21)}m_{202}^{(00)} + 2m_{011}^{(21)}m_{120}^{(22)}m_{301}^{(10)}\\
&-2m_{011}^{(21)}m_{120}^{(22)}m_{211}^{(00)} - 2m_{011}^{(21)}m_{111}^{(00)}m_{220}^{(22)} + 2m_{011}^{(21)}m_{111}^{(00)}m_{202}^{(11)} - 4m_{011}^{(21)}m_{111}^{(00)}m_{121}^{(20)}\\
&+4m_{011}^{(21)}m_{111}^{(00)}m_{112}^{(10)} + 4m_{011}^{(21)}m_{111}^{(10)}m_{310}^{(22)} + 4m_{011}^{(21)}m_{111}^{(10)}m_{211}^{(20)} - 4m_{011}^{(21)}m_{111}^{(10)}m_{202}^{(10)}\\
&-4m_{011}^{(21)}m_{111}^{(10)}m_{112}^{(00)} - 2m_{011}^{(21)}m_{111}^{(11)}m_{400}^{(22)} + 2m_{011}^{(21)}m_{111}^{(11)}m_{202}^{(00)} - 4m_{011}^{(21)}m_{111}^{(20)}m_{301}^{(11)}\\
&+4m_{011}^{(21)}m_{111}^{(20)}m_{220}^{(20)} - 4m_{011}^{(21)}m_{111}^{(20)}m_{211}^{(10)} + 4m_{011}^{(21)}m_{111}^{(20)}m_{121}^{(00)} - 4m_{011}^{(21)}m_{111}^{(21)}m_{310}^{(20)}\\
&+4m_{011}^{(21)}m_{111}^{(21)}m_{301}^{(10)} + 2m_{011}^{(21)}m_{111}^{(22)}m_{400}^{(11)} - 2m_{011}^{(21)}m_{111}^{(22)}m_{220}^{(00)} - 2m_{011}^{(21)}m_{102}^{(00)}m_{130}^{(20)}\\
&+2m_{011}^{(21)}m_{102}^{(00)}m_{121}^{(10)} + 4m_{011}^{(21)}m_{102}^{(10)}m_{220}^{(20)} - 2m_{011}^{(21)}m_{102}^{(10)}m_{211}^{(10)} - 2m_{011}^{(21)}m_{102}^{(10)}m_{121}^{(00)}\\
&-2m_{011}^{(21)}m_{102}^{(11)}m_{310}^{(20)} + 2m_{011}^{(21)}m_{102}^{(11)}m_{211}^{(00)} - 2m_{011}^{(21)}m_{102}^{(20)}m_{220}^{(10)} + 2m_{011}^{(21)}m_{102}^{(20)}m_{130}^{(00)}\\
&+2m_{011}^{(21)}m_{102}^{(21)}m_{310}^{(10)} - 2m_{011}^{(21)}m_{102}^{(21)}m_{220}^{(00)} + 2m_{011}^{(21)}m_{021}^{(00)}m_{211}^{(20)} - 2m_{011}^{(21)}m_{021}^{(00)}m_{202}^{(10)}\\
&-2m_{011}^{(21)}m_{021}^{(10)}m_{301}^{(20)} + 2m_{011}^{(21)}m_{021}^{(10)}m_{202}^{(00)} - 2m_{011}^{(21)}m_{021}^{(20)}m_{310}^{(20)} + 4m_{011}^{(21)}m_{021}^{(20)}m_{301}^{(10)}\\
&-2m_{011}^{(21)}m_{021}^{(20)}m_{211}^{(00)} + 2m_{011}^{(21)}m_{021}^{(21)}m_{400}^{(20)} - 2m_{011}^{(21)}m_{021}^{(21)}m_{301}^{(00)} - 2m_{011}^{(21)}m_{021}^{(22)}m_{400}^{(10)}\\
&+2m_{011}^{(21)}m_{021}^{(22)}m_{310}^{(00)} + 2m_{011}^{(21)}m_{012}^{(00)}m_{220}^{(20)} - 2m_{011}^{(21)}m_{012}^{(00)}m_{211}^{(10)} - 4m_{011}^{(21)}m_{012}^{(10)}m_{310}^{(20)}\\
&+2m_{011}^{(21)}m_{012}^{(10)}m_{301}^{(10)} + 2m_{011}^{(21)}m_{012}^{(10)}m_{211}^{(00)} + 2m_{011}^{(21)}m_{012}^{(11)}m_{400}^{(20)} - 2m_{011}^{(21)}m_{012}^{(11)}m_{301}^{(00)}\\
&+2m_{011}^{(21)}m_{012}^{(20)}m_{310}^{(10)} - 2m_{011}^{(21)}m_{012}^{(20)}m_{220}^{(00)} - 2m_{011}^{(21)}m_{012}^{(21)}m_{400}^{(10)} + 2m_{011}^{(21)}m_{012}^{(21)}m_{310}^{(00)}\\
&+2m_{011}^{(22)}m_{300}^{(00)}m_{031}^{(21)} - 2m_{011}^{(22)}m_{300}^{(00)}m_{022}^{(11)} - 4m_{011}^{(22)}m_{300}^{(10)}m_{121}^{(21)} + 2m_{011}^{(22)}m_{300}^{(10)}m_{112}^{(11)}\\
&+2m_{011}^{(22)}m_{300}^{(10)}m_{022}^{(10)} + 2m_{011}^{(22)}m_{300}^{(11)}m_{211}^{(21)} - 2m_{011}^{(22)}m_{300}^{(11)}m_{112}^{(10)} + 2m_{011}^{(22)}m_{300}^{(20)}m_{121}^{(11)}\\
&-2m_{011}^{(22)}m_{300}^{(20)}m_{031}^{(10)} - 2m_{011}^{(22)}m_{300}^{(21)}m_{211}^{(11)} + 2m_{011}^{(22)}m_{300}^{(21)}m_{121}^{(10)} - 2m_{011}^{(22)}m_{210}^{(00)}m_{121}^{(21)}\\
&+2m_{011}^{(22)}m_{210}^{(00)}m_{112}^{(11)} - 2m_{011}^{(22)}m_{210}^{(00)}m_{031}^{(20)} + 2m_{011}^{(22)}m_{210}^{(00)}m_{022}^{(10)} + 4m_{011}^{(22)}m_{210}^{(10)}m_{211}^{(21)}\\
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&-2m_{011}^{(22)}m_{201}^{(00)}m_{130}^{(21)} + 2m_{011}^{(22)}m_{201}^{(00)}m_{121}^{(11)} + 4m_{011}^{(22)}m_{201}^{(10)}m_{220}^{(21)} - 2m_{011}^{(22)}m_{201}^{(10)}m_{211}^{(11)}\\
&-2m_{011}^{(22)}m_{201}^{(10)}m_{121}^{(10)} - 2m_{011}^{(22)}m_{201}^{(11)}m_{310}^{(21)} + 2m_{011}^{(22)}m_{201}^{(11)}m_{211}^{(10)} - 2m_{011}^{(22)}m_{201}^{(20)}m_{220}^{(11)}\\
&+2m_{011}^{(22)}m_{201}^{(20)}m_{130}^{(10)} + 2m_{011}^{(22)}m_{201}^{(21)}m_{310}^{(11)} - 2m_{011}^{(22)}m_{201}^{(21)}m_{220}^{(10)} + 2m_{011}^{(22)}m_{120}^{(00)}m_{121}^{(20)}\\
&-2m_{011}^{(22)}m_{120}^{(00)}m_{112}^{(10)} - 4m_{011}^{(22)}m_{120}^{(10)}m_{211}^{(20)} + 2m_{011}^{(22)}m_{120}^{(10)}m_{202}^{(10)} + 2m_{011}^{(22)}m_{120}^{(10)}m_{112}^{(00)}\\
&+2m_{011}^{(22)}m_{120}^{(11)}m_{301}^{(20)} - 2m_{011}^{(22)}m_{120}^{(11)}m_{202}^{(00)} + 2m_{011}^{(22)}m_{120}^{(20)}m_{211}^{(10)} - 2m_{011}^{(22)}m_{120}^{(20)}m_{121}^{(00)}\\
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&+2m_{011}^{(22)}m_{111}^{(00)}m_{130}^{(20)} - 2m_{011}^{(22)}m_{111}^{(00)}m_{121}^{(10)} - 4m_{011}^{(22)}m_{111}^{(10)}m_{310}^{(21)} + 2m_{011}^{(22)}m_{111}^{(10)}m_{301}^{(11)}\\
&-4m_{011}^{(22)}m_{111}^{(10)}m_{220}^{(20)} + 4m_{011}^{(22)}m_{111}^{(10)}m_{211}^{(10)} + 2m_{011}^{(22)}m_{111}^{(10)}m_{121}^{(00)} + 2m_{011}^{(22)}m_{111}^{(11)}m_{400}^{(21)}\\
&+2m_{011}^{(22)}m_{111}^{(11)}m_{310}^{(20)} - 2m_{011}^{(22)}m_{111}^{(11)}m_{301}^{(10)} - 2m_{011}^{(22)}m_{111}^{(11)}m_{211}^{(00)} + 2m_{011}^{(22)}m_{111}^{(20)}m_{310}^{(11)}\\
&-2m_{011}^{(22)}m_{111}^{(20)}m_{130}^{(00)} - 2m_{011}^{(22)}m_{111}^{(21)}m_{400}^{(11)} + 2m_{011}^{(22)}m_{111}^{(21)}m_{220}^{(00)} - 2m_{011}^{(22)}m_{021}^{(00)}m_{220}^{(20)}\\
&+2m_{011}^{(22)}m_{021}^{(00)}m_{211}^{(10)} + 4m_{011}^{(22)}m_{021}^{(10)}m_{310}^{(20)} - 2m_{011}^{(22)}m_{021}^{(10)}m_{301}^{(10)} - 2m_{011}^{(22)}m_{021}^{(10)}m_{211}^{(00)}\\
&-2m_{011}^{(22)}m_{021}^{(11)}m_{400}^{(20)} + 2m_{011}^{(22)}m_{021}^{(11)}m_{301}^{(00)} - 2m_{011}^{(22)}m_{021}^{(20)}m_{310}^{(10)} + 2m_{011}^{(22)}m_{021}^{(20)}m_{220}^{(00)}\\
&+2m_{011}^{(22)}m_{021}^{(21)}m_{400}^{(10)} - 2m_{011}^{(22)}m_{021}^{(21)}m_{310}^{(00)} - m_{002}^{(00)}m_{210}^{(10)}m_{031}^{(22)} + m_{002}^{(00)}m_{210}^{(10)}m_{022}^{(21)}\\
&+m_{002}^{(00)}m_{210}^{(11)}m_{121}^{(22)} - m_{002}^{(00)}m_{210}^{(11)}m_{022}^{(20)} + m_{002}^{(00)}m_{210}^{(20)}m_{040}^{(22)} - m_{002}^{(00)}m_{210}^{(20)}m_{031}^{(21)}
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\begin{aligned}
&-m_{002}^{(00)}m_{210}^{(21)}m_{130}^{(22)} - m_{002}^{(00)}m_{210}^{(21)}m_{121}^{(21)} + 2m_{002}^{(00)}m_{210}^{(21)}m_{031}^{(20)} + m_{002}^{(00)}m_{210}^{(22)}m_{130}^{(21)}\\
&-m_{002}^{(00)}m_{210}^{(22)}m_{040}^{(20)} + m_{002}^{(00)}m_{201}^{(10)}m_{031}^{(21)} - m_{002}^{(00)}m_{201}^{(10)}m_{022}^{(11)} - m_{002}^{(00)}m_{201}^{(11)}m_{121}^{(21)}\\
&+m_{002}^{(00)}m_{201}^{(11)}m_{022}^{(10)} - m_{002}^{(00)}m_{201}^{(20)}m_{040}^{(21)} + m_{002}^{(00)}m_{201}^{(20)}m_{031}^{(11)} + m_{002}^{(00)}m_{201}^{(21)}m_{130}^{(21)}\\
&+m_{002}^{(00)}m_{201}^{(21)}m_{121}^{(11)} - 2m_{002}^{(00)}m_{201}^{(21)}m_{031}^{(10)} - m_{002}^{(00)}m_{201}^{(22)}m_{130}^{(11)} + m_{002}^{(00)}m_{201}^{(22)}m_{040}^{(10)}\\
&+2m_{002}^{(00)}m_{120}^{(10)}m_{121}^{(22)} - 2m_{002}^{(00)}m_{120}^{(10)}m_{112}^{(21)} - 2m_{002}^{(00)}m_{120}^{(11)}m_{211}^{(22)} + 2m_{002}^{(00)}m_{120}^{(11)}m_{112}^{(20)}\\
&-2m_{002}^{(00)}m_{120}^{(20)}m_{130}^{(22)} + 2m_{002}^{(00)}m_{120}^{(20)}m_{121}^{(21)} + 2m_{002}^{(00)}m_{120}^{(21)}m_{220}^{(22)} + 2m_{002}^{(00)}m_{120}^{(21)}m_{211}^{(21)}\\
&-4m_{002}^{(00)}m_{120}^{(21)}m_{121}^{(20)} - 2m_{002}^{(00)}m_{120}^{(22)}m_{220}^{(21)} + 2m_{002}^{(00)}m_{120}^{(22)}m_{130}^{(20)} - 2m_{002}^{(00)}m_{111}^{(10)}m_{121}^{(21)}\\
&+2m_{002}^{(00)}m_{111}^{(10)}m_{112}^{(11)} + 2m_{002}^{(00)}m_{111}^{(11)}m_{211}^{(21)} - 2m_{002}^{(00)}m_{111}^{(11)}m_{112}^{(10)} + 2m_{002}^{(00)}m_{111}^{(20)}m_{121}^{(21)}\\
&-2m_{002}^{(00)}m_{111}^{(20)}m_{121}^{(11)} - 2m_{002}^{(00)}m_{111}^{(21)}m_{220}^{(21)} - 2m_{002}^{(00)}m_{111}^{(21)}m_{211}^{(11)} + 4m_{002}^{(00)}m_{111}^{(21)}m_{121}^{(10)}\\
&+2m_{002}^{(00)}m_{111}^{(22)}m_{220}^{(11)} - 2m_{002}^{(00)}m_{111}^{(22)}m_{130}^{(10)} - m_{002}^{(00)}m_{030}^{(10)}m_{211}^{(22)} + m_{002}^{(00)}m_{030}^{(10)}m_{202}^{(21)}\\
&+m_{002}^{(00)}m_{030}^{(11)}m_{301}^{(22)} - m_{002}^{(00)}m_{030}^{(11)}m_{202}^{(20)} + m_{002}^{(00)}m_{030}^{(20)}m_{220}^{(22)} - m_{002}^{(00)}m_{030}^{(20)}m_{211}^{(21)}\\
&-m_{002}^{(00)}m_{030}^{(21)}m_{310}^{(22)} - m_{002}^{(00)}m_{030}^{(21)}m_{301}^{(21)} + 2m_{002}^{(00)}m_{030}^{(21)}m_{211}^{(20)} + m_{002}^{(00)}m_{030}^{(22)}m_{310}^{(21)}\\
&-m_{002}^{(00)}m_{030}^{(22)}m_{220}^{(20)} + m_{002}^{(00)}m_{021}^{(10)}m_{211}^{(21)} - m_{002}^{(00)}m_{021}^{(10)}m_{202}^{(11)} - m_{002}^{(00)}m_{021}^{(11)}m_{301}^{(21)}\\
&+m_{002}^{(00)}m_{021}^{(11)}m_{202}^{(10)} - m_{002}^{(00)}m_{021}^{(20)}m_{220}^{(21)} + m_{002}^{(00)}m_{021}^{(20)}m_{211}^{(11)} + m_{002}^{(00)}m_{021}^{(21)}m_{310}^{(21)}\\
&+m_{002}^{(00)}m_{021}^{(21)}m_{301}^{(11)} - 2m_{002}^{(00)}m_{021}^{(21)}m_{211}^{(10)} - m_{002}^{(00)}m_{021}^{(22)}m_{310}^{(11)} + m_{002}^{(00)}m_{021}^{(22)}m_{220}^{(10)}\\
&+m_{002}^{(10)}m_{300}^{(10)}m_{031}^{(22)} - m_{002}^{(10)}m_{300}^{(10)}m_{022}^{(21)} - m_{002}^{(10)}m_{300}^{(11)}m_{121}^{(22)} + m_{002}^{(10)}m_{300}^{(11)}m_{022}^{(20)}\\
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&-m_{002}^{(10)}m_{210}^{(00)}m_{022}^{(21)} - 3m_{002}^{(10)}m_{210}^{(10)}m_{121}^{(22)} + 2m_{002}^{(10)}m_{210}^{(10)}m_{112}^{(21)} + m_{002}^{(10)}m_{210}^{(10)}m_{022}^{(20)}\\
&+2m_{002}^{(10)}m_{210}^{(11)}m_{211}^{(22)} - 2m_{002}^{(10)}m_{210}^{(11)}m_{112}^{(20)} + m_{002}^{(10)}m_{210}^{(20)}m_{130}^{(22)} - m_{002}^{(10)}m_{210}^{(20)}m_{031}^{(20)}\\
&-m_{002}^{(10)}m_{210}^{(21)}m_{220}^{(22)} - 2m_{002}^{(10)}m_{210}^{(21)}m_{211}^{(21)} + 3m_{002}^{(10)}m_{210}^{(21)}m_{121}^{(20)} + m_{002}^{(10)}m_{210}^{(22)}m_{220}^{(21)}\\
&-m_{002}^{(10)}m_{210}^{(22)}m_{130}^{(20)} - m_{002}^{(10)}m_{201}^{(00)}m_{031}^{(21)} + m_{002}^{(10)}m_{201}^{(00)}m_{022}^{(11)} + m_{002}^{(10)}m_{201}^{(10)}m_{121}^{(21)}\\
&-m_{002}^{(10)}m_{201}^{(10)}m_{031}^{(20)} + m_{002}^{(10)}m_{201}^{(11)}m_{121}^{(20)} - m_{002}^{(10)}m_{201}^{(11)}m_{022}^{(00)} + m_{002}^{(10)}m_{201}^{(20)}m_{130}^{(21)}\\
&-2m_{002}^{(10)}m_{201}^{(20)}m_{121}^{(11)} + m_{002}^{(10)}m_{201}^{(20)}m_{040}^{(20)} - m_{002}^{(10)}m_{201}^{(21)}m_{220}^{(21)} - m_{002}^{(10)}m_{201}^{(21)}m_{130}^{(20)}\\
&+2m_{002}^{(10)}m_{201}^{(21)}m_{031}^{(00)} + m_{002}^{(10)}m_{201}^{(22)}m_{220}^{(11)} - m_{002}^{(10)}m_{201}^{(22)}m_{040}^{(00)} - 2m_{002}^{(10)}m_{120}^{(00)}m_{121}^{(22)}\\
&+2m_{002}^{(10)}m_{120}^{(00)}m_{112}^{(21)} + 3m_{002}^{(10)}m_{120}^{(10)}m_{211}^{(22)} - m_{002}^{(10)}m_{120}^{(10)}m_{202}^{(21)} - 2m_{002}^{(10)}m_{120}^{(10)}m_{112}^{(20)}\\
&-m_{002}^{(10)}m_{120}^{(11)}m_{301}^{(22)} + m_{002}^{(10)}m_{120}^{(11)}m_{202}^{(20)} + m_{002}^{(10)}m_{120}^{(20)}m_{220}^{(22)} - 3m_{002}^{(10)}m_{120}^{(20)}m_{211}^{(21)}\\
&+2m_{002}^{(10)}m_{120}^{(20)}m_{121}^{(20)} - m_{002}^{(10)}m_{120}^{(21)}m_{310}^{(22)} + m_{002}^{(10)}m_{120}^{(21)}m_{301}^{(21)} + m_{002}^{(10)}m_{120}^{(22)}m_{310}^{(21)}\\
&-m_{002}^{(10)}m_{120}^{(22)}m_{220}^{(20)} + 2m_{002}^{(10)}m_{111}^{(00)}m_{121}^{(21)} - 2m_{002}^{(10)}m_{111}^{(00)}m_{112}^{(11)} - 2m_{002}^{(10)}m_{111}^{(10)}m_{211}^{(21)}\\
&+2m_{002}^{(10)}m_{111}^{(10)}m_{121}^{(20)} - 2m_{002}^{(10)}m_{111}^{(11)}m_{211}^{(20)} + 2m_{002}^{(10)}m_{111}^{(11)}m_{112}^{(00)} - 2m_{002}^{(10)}m_{111}^{(20)}m_{121}^{(21)}\\
&+4m_{002}^{(10)}m_{111}^{(20)}m_{211}^{(11)} - 2m_{002}^{(10)}m_{111}^{(20)}m_{130}^{(20)} + 2m_{002}^{(10)}m_{111}^{(21)}m_{310}^{(21)} + 2m_{002}^{(10)}m_{111}^{(21)}m_{220}^{(20)}\\
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&-m_{002}^{(10)}m_{030}^{(00)}m_{202}^{(21)} - m_{002}^{(10)}m_{030}^{(10)}m_{301}^{(22)} + m_{002}^{(10)}m_{030}^{(10)}m_{202}^{(20)} - m_{002}^{(10)}m_{030}^{(20)}m_{310}^{(22)}\\
&+2m_{002}^{(10)}m_{030}^{(20)}m_{301}^{(21)} - m_{002}^{(10)}m_{030}^{(20)}m_{211}^{(20)} + m_{002}^{(10)}m_{030}^{(21)}m_{400}^{(22)} - m_{002}^{(10)}m_{030}^{(21)}m_{301}^{(20)}\\
&-m_{002}^{(10)}m_{030}^{(22)}m_{400}^{(21)} + m_{002}^{(10)}m_{030}^{(22)}m_{310}^{(20)} - m_{002}^{(10)}m_{021}^{(00)}m_{211}^{(21)} + m_{002}^{(10)}m_{021}^{(00)}m_{202}^{(11)}\\
&+m_{002}^{(10)}m_{021}^{(10)}m_{301}^{(21)} - m_{002}^{(10)}m_{021}^{(10)}m_{211}^{(20)} + m_{002}^{(10)}m_{021}^{(11)}m_{301}^{(20)} - m_{002}^{(10)}m_{021}^{(11)}m_{202}^{(00)}\\
&+m_{002}^{(10)}m_{021}^{(20)}m_{310}^{(21)} - 2m_{002}^{(10)}m_{021}^{(20)}m_{301}^{(11)} + m_{002}^{(10)}m_{021}^{(20)}m_{220}^{(20)} - m_{002}^{(10)}m_{021}^{(21)}m_{400}^{(21)}\\
&-m_{002}^{(10)}m_{021}^{(21)}m_{310}^{(20)} + 2m_{002}^{(10)}m_{021}^{(21)}m_{211}^{(00)} + m_{002}^{(10)}m_{021}^{(22)}m_{400}^{(11)} - m_{002}^{(10)}m_{021}^{(22)}m_{220}^{(00)}
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\begin{aligned}
&-m_{002}^{(11)}m_{300}^{(00)}m_{031}^{(22)}+m_{002}^{(11)}m_{300}^{(00)}m_{022}^{(21)}+m_{002}^{(11)}m_{300}^{(10)}m_{121}^{(22)}-m_{002}^{(11)}m_{300}^{(10)}m_{022}^{(20)}\\
&+m_{002}^{(11)}m_{300}^{(20)}m_{130}^{(22)}-2m_{002}^{(11)}m_{300}^{(20)}m_{121}^{(21)}+m_{002}^{(11)}m_{300}^{(20)}m_{031}^{(20)}-m_{002}^{(11)}m_{300}^{(21)}m_{220}^{(22)}\\
&+m_{002}^{(11)}m_{300}^{(21)}m_{121}^{(20)}+m_{002}^{(11)}m_{300}^{(22)}m_{220}^{(21)}-m_{002}^{(11)}m_{300}^{(22)}m_{130}^{(20)}+2m_{002}^{(11)}m_{210}^{(00)}m_{121}^{(22)}\\
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&+4m_{002}^{(11)}m_{210}^{(20)}m_{211}^{(21)}-2m_{002}^{(11)}m_{210}^{(20)}m_{121}^{(20)}+2m_{002}^{(11)}m_{210}^{(21)}m_{310}^{(22)}-2m_{002}^{(11)}m_{210}^{(21)}m_{211}^{(20)}\\
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&+m_{002}^{(11)}m_{201}^{(22)}m_{130}^{(00)}-m_{002}^{(11)}m_{120}^{(00)}m_{211}^{(22)}+m_{002}^{(11)}m_{120}^{(00)}m_{202}^{(21)}+m_{002}^{(11)}m_{120}^{(10)}m_{301}^{(22)}\\
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&+2m_{002}^{(11)}m_{111}^{(20)}m_{220}^{(20)}-4m_{002}^{(11)}m_{111}^{(20)}m_{211}^{(10)}+2m_{002}^{(11)}m_{111}^{(20)}m_{121}^{(00)}-2m_{002}^{(11)}m_{111}^{(21)}m_{310}^{(20)}\\
&+2m_{002}^{(11)}m_{111}^{(21)}m_{211}^{(00)}+2m_{002}^{(11)}m_{111}^{(22)}m_{310}^{(10)}-2m_{002}^{(11)}m_{111}^{(22)}m_{220}^{(00)}+m_{002}^{(11)}m_{021}^{(00)}m_{211}^{(20)}\\
&-m_{002}^{(11)}m_{021}^{(00)}m_{202}^{(10)}-m_{002}^{(11)}m_{021}^{(10)}m_{301}^{(20)}+m_{002}^{(11)}m_{021}^{(10)}m_{202}^{(00)}-m_{002}^{(11)}m_{021}^{(20)}m_{310}^{(20)}\\
&+2m_{002}^{(11)}m_{021}^{(20)}m_{301}^{(10)}-m_{002}^{(11)}m_{021}^{(20)}m_{211}^{(00)}+m_{002}^{(11)}m_{021}^{(21)}m_{400}^{(20)}-m_{002}^{(11)}m_{021}^{(21)}m_{301}^{(00)}\\
&-m_{002}^{(11)}m_{021}^{(22)}m_{400}^{(10)}+m_{002}^{(11)}m_{021}^{(22)}m_{310}^{(00)}-m_{002}^{(20)}m_{300}^{(10)}m_{031}^{(21)}+m_{002}^{(20)}m_{300}^{(10)}m_{022}^{(11)}\\
&+m_{002}^{(20)}m_{300}^{(11)}m_{121}^{(21)}-m_{002}^{(20)}m_{300}^{(11)}m_{022}^{(10)}+m_{002}^{(20)}m_{300}^{(20)}m_{040}^{(21)}-m_{002}^{(20)}m_{300}^{(20)}m_{031}^{(11)}\\
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&+m_{002}^{(20)}m_{210}^{(10)}m_{121}^{(21)}-2m_{002}^{(20)}m_{210}^{(10)}m_{112}^{(11)}-m_{002}^{(20)}m_{210}^{(10)}m_{022}^{(10)}-m_{002}^{(20)}m_{210}^{(11)}m_{220}^{(22)}\\
&-2m_{002}^{(20)}m_{210}^{(11)}m_{211}^{(21)}+2m_{002}^{(20)}m_{210}^{(11)}m_{112}^{(10)}+m_{002}^{(20)}m_{210}^{(11)}m_{022}^{(00)}-3m_{002}^{(20)}m_{210}^{(20)}m_{130}^{(21)}\\
&+2m_{002}^{(20)}m_{210}^{(20)}m_{121}^{(11)}+m_{002}^{(20)}m_{210}^{(20)}m_{031}^{(10)}+3m_{002}^{(20)}m_{210}^{(21)}m_{220}^{(21)}+2m_{002}^{(20)}m_{210}^{(21)}m_{211}^{(11)}\\
&-3m_{002}^{(20)}m_{210}^{(21)}m_{121}^{(10)}-2m_{002}^{(20)}m_{210}^{(21)}m_{031}^{(00)}-2m_{002}^{(20)}m_{210}^{(22)}m_{220}^{(11)}+m_{002}^{(20)}m_{210}^{(22)}m_{130}^{(10)}\\
&+m_{002}^{(20)}m_{210}^{(22)}m_{040}^{(00)}+m_{002}^{(20)}m_{201}^{(00)}m_{040}^{(21)}-m_{002}^{(20)}m_{201}^{(00)}m_{031}^{(11)}-2m_{002}^{(20)}m_{201}^{(10)}m_{130}^{(21)}\\
&+m_{002}^{(20)}m_{201}^{(10)}m_{121}^{(11)}+m_{002}^{(20)}m_{201}^{(10)}m_{031}^{(10)}+m_{002}^{(20)}m_{201}^{(11)}m_{220}^{(21)}-m_{002}^{(20)}m_{201}^{(11)}m_{121}^{(10)}\\
&+m_{002}^{(20)}m_{201}^{(20)}m_{130}^{(11)}-m_{002}^{(20)}m_{201}^{(20)}m_{040}^{(10)}-m_{002}^{(20)}m_{201}^{(21)}m_{220}^{(11)}+m_{002}^{(20)}m_{201}^{(21)}m_{130}^{(10)}\\
&+2m_{002}^{(20)}m_{120}^{(00)}m_{130}^{(22)}-2m_{002}^{(20)}m_{120}^{(00)}m_{121}^{(21)}-4m_{002}^{(20)}m_{120}^{(10)}m_{220}^{(22)}+m_{002}^{(20)}m_{120}^{(10)}m_{211}^{(21)}\\
&+m_{002}^{(20)}m_{120}^{(10)}m_{202}^{(11)}+2m_{002}^{(20)}m_{120}^{(10)}m_{112}^{(10)}+2m_{002}^{(20)}m_{120}^{(11)}m_{310}^{(22)}+m_{002}^{(20)}m_{120}^{(11)}m_{301}^{(21)}\\
&-m_{002}^{(20)}m_{120}^{(11)}m_{202}^{(10)}-2m_{002}^{(20)}m_{120}^{(11)}m_{112}^{(00)}+3m_{002}^{(20)}m_{120}^{(20)}m_{220}^{(21)}-m_{002}^{(20)}m_{120}^{(20)}m_{211}^{(11)}\\
&-2m_{002}^{(20)}m_{120}^{(20)}m_{121}^{(10)}-3m_{002}^{(20)}m_{120}^{(21)}m_{310}^{(21)}-m_{002}^{(20)}m_{120}^{(21)}m_{301}^{(11)}+4m_{002}^{(20)}m_{120}^{(21)}m_{121}^{(00)}\\
&+m_{002}^{(20)}m_{120}^{(22)}m_{310}^{(11)}+m_{002}^{(20)}m_{120}^{(22)}m_{220}^{(10)}-2m_{002}^{(20)}m_{120}^{(22)}m_{130}^{(00)}-2m_{002}^{(20)}m_{111}^{(00)}m_{130}^{(21)}\\
&+2m_{002}^{(20)}m_{111}^{(00)}m_{121}^{(11)}+4m_{002}^{(20)}m_{111}^{(10)}m_{220}^{(21)}-2m_{002}^{(20)}m_{111}^{(10)}m_{211}^{(11)}-2m_{002}^{(20)}m_{111}^{(10)}m_{121}^{(10)}\\
&-2m_{002}^{(20)}m_{111}^{(11)}m_{310}^{(21)}+2m_{002}^{(20)}m_{111}^{(11)}m_{211}^{(10)}-2m_{002}^{(20)}m_{111}^{(20)}m_{220}^{(11)}+2m_{002}^{(20)}m_{111}^{(20)}m_{130}^{(10)}\\
&+2m_{002}^{(20)}m_{111}^{(21)}m_{310}^{(11)}-2m_{002}^{(20)}m_{111}^{(21)}m_{220}^{(10)}-m_{002}^{(20)}m_{030}^{(00)}m_{220}^{(22)}+m_{002}^{(20)}m_{030}^{(00)}m_{211}^{(21)}\\
&+2m_{002}^{(20)}m_{030}^{(10)}m_{310}^{(22)}-m_{002}^{(20)}m_{030}^{(10)}m_{301}^{(21)}-m_{002}^{(20)}m_{030}^{(10)}m_{202}^{(10)}-m_{002}^{(20)}m_{030}^{(11)}m_{400}^{(22)}\\
&+m_{002}^{(20)}m_{030}^{(11)}m_{202}^{(00)}-m_{002}^{(20)}m_{030}^{(20)}m_{310}^{(21)}+m_{002}^{(20)}m_{030}^{(20)}m_{211}^{(10)}+m_{002}^{(20)}m_{030}^{(21)}m_{400}^{(21)}\\
&+m_{002}^{(20)}m_{030}^{(21)}m_{301}^{(10)}-2m_{002}^{(20)}m_{030}^{(21)}m_{211}^{(00)}-m_{002}^{(20)}m_{030}^{(22)}m_{310}^{(10)}+m_{002}^{(20)}m_{030}^{(22)}m_{220}^{(00)}
\end{aligned}
$$

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\begin{aligned}
&+m_{002}^{(20)}m_{021}^{(00)}m_{220}^{(21)} - m_{002}^{(20)}m_{021}^{(00)}m_{211}^{(11)} - 2m_{002}^{(20)}m_{021}^{(10)}m_{310}^{(21)} + m_{002}^{(20)}m_{021}^{(10)}m_{301}^{(11)}\\
&+m_{002}^{(20)}m_{021}^{(10)}m_{211}^{(10)} + m_{002}^{(20)}m_{021}^{(11)}m_{400}^{(21)} - m_{002}^{(20)}m_{021}^{(11)}m_{301}^{(10)} + m_{002}^{(20)}m_{021}^{(20)}m_{310}^{(11)}\\
&-m_{002}^{(20)}m_{021}^{(20)}m_{220}^{(10)} - m_{002}^{(20)}m_{021}^{(21)}m_{400}^{(11)} + m_{002}^{(20)}m_{021}^{(21)}m_{310}^{(10)} + m_{002}^{(21)}m_{300}^{(00)}m_{040}^{(22)}\\
&-m_{002}^{(21)}m_{300}^{(00)}m_{022}^{(11)} - 2m_{002}^{(21)}m_{300}^{(10)}m_{130}^{(22)} + m_{002}^{(21)}m_{300}^{(10)}m_{031}^{(20)} + m_{002}^{(21)}m_{300}^{(10)}m_{022}^{(10)}\\
&+m_{002}^{(21)}m_{300}^{(11)}m_{220}^{(22)} - m_{002}^{(21)}m_{300}^{(11)}m_{121}^{(20)} + 2m_{002}^{(21)}m_{300}^{(20)}m_{121}^{(11)} - m_{002}^{(21)}m_{300}^{(20)}m_{040}^{(20)}\\
&-m_{002}^{(21)}m_{300}^{(20)}m_{031}^{(10)} + m_{002}^{(21)}m_{300}^{(21)}m_{130}^{(20)} - m_{002}^{(21)}m_{300}^{(21)}m_{121}^{(10)} - m_{002}^{(21)}m_{300}^{(22)}m_{220}^{(11)}\\
&+m_{002}^{(21)}m_{300}^{(22)}m_{130}^{(10)} - 2m_{002}^{(21)}m_{210}^{(00)}m_{130}^{(22)} + 2m_{002}^{(21)}m_{210}^{(00)}m_{112}^{(11)} - m_{002}^{(21)}m_{210}^{(00)}m_{031}^{(20)}\\
&+m_{002}^{(21)}m_{210}^{(00)}m_{022}^{(10)} + 4m_{002}^{(21)}m_{210}^{(10)}m_{220}^{(22)} - m_{002}^{(21)}m_{210}^{(10)}m_{121}^{(20)} - 2m_{002}^{(21)}m_{210}^{(10)}m_{112}^{(10)}\\
&-m_{002}^{(21)}m_{210}^{(10)}m_{022}^{(00)} - 2m_{002}^{(21)}m_{210}^{(11)}m_{310}^{(22)} + 2m_{002}^{(21)}m_{210}^{(11)}m_{211}^{(20)} - 4m_{002}^{(21)}m_{210}^{(20)}m_{211}^{(11)}\\
&+3m_{002}^{(21)}m_{210}^{(20)}m_{130}^{(20)} + m_{002}^{(21)}m_{210}^{(20)}m_{031}^{(00)} - 3m_{002}^{(21)}m_{210}^{(21)}m_{220}^{(20)} + 2m_{002}^{(21)}m_{210}^{(21)}m_{211}^{(10)}\\
&+m_{002}^{(21)}m_{210}^{(21)}m_{121}^{(00)} + 2m_{002}^{(21)}m_{210}^{(22)}m_{310}^{(11)} - m_{002}^{(21)}m_{210}^{(22)}m_{220}^{(10)} - m_{002}^{(21)}m_{210}^{(22)}m_{130}^{(00)}\\
&-m_{002}^{(21)}m_{201}^{(00)}m_{040}^{(20)} + m_{002}^{(21)}m_{201}^{(00)}m_{031}^{(10)} + 2m_{002}^{(21)}m_{201}^{(10)}m_{130}^{(20)} - m_{002}^{(21)}m_{201}^{(10)}m_{121}^{(10)}\\
&-m_{002}^{(21)}m_{201}^{(10)}m_{031}^{(00)} - m_{002}^{(21)}m_{201}^{(11)}m_{220}^{(20)} + m_{002}^{(21)}m_{201}^{(11)}m_{121}^{(00)} - m_{002}^{(21)}m_{201}^{(20)}m_{130}^{(10)}\\
&+m_{002}^{(21)}m_{201}^{(20)}m_{040}^{(00)} + m_{002}^{(21)}m_{201}^{(21)}m_{220}^{(10)} - m_{002}^{(21)}m_{201}^{(21)}m_{130}^{(00)} + m_{002}^{(21)}m_{120}^{(00)}m_{220}^{(22)}\\
&-m_{002}^{(21)}m_{120}^{(00)}m_{202}^{(11)} + 2m_{002}^{(21)}m_{120}^{(00)}m_{121}^{(20)} - 2m_{002}^{(21)}m_{120}^{(00)}m_{112}^{(10)} - 2m_{002}^{(21)}m_{120}^{(10)}m_{310}^{(22)}\\
&-m_{002}^{(21)}m_{120}^{(10)}m_{211}^{(20)} + m_{002}^{(21)}m_{120}^{(10)}m_{202}^{(10)} + 2m_{002}^{(21)}m_{120}^{(10)}m_{112}^{(00)} + m_{002}^{(21)}m_{120}^{(11)}m_{400}^{(22)}\\
&-m_{002}^{(21)}m_{120}^{(11)}m_{301}^{(20)} + 2m_{002}^{(21)}m_{120}^{(20)}m_{301}^{(11)} - 3m_{002}^{(21)}m_{120}^{(20)}m_{220}^{(20)} + 3m_{002}^{(21)}m_{120}^{(20)}m_{211}^{(10)}\\
&-2m_{002}^{(21)}m_{120}^{(20)}m_{121}^{(00)} + 3m_{002}^{(21)}m_{120}^{(21)}m_{310}^{(20)} - m_{002}^{(21)}m_{120}^{(21)}m_{301}^{(10)} - 2m_{002}^{(21)}m_{120}^{(21)}m_{211}^{(00)}\\
&-m_{002}^{(21)}m_{120}^{(22)}m_{400}^{(11)} - m_{002}^{(21)}m_{120}^{(22)}m_{310}^{(10)} + 2m_{002}^{(21)}m_{120}^{(22)}m_{220}^{(00)} + 2m_{002}^{(21)}m_{111}^{(00)}m_{130}^{(20)}\\
&-2m_{002}^{(21)}m_{111}^{(00)}m_{121}^{(10)} - 4m_{002}^{(21)}m_{111}^{(10)}m_{220}^{(20)} + 2m_{002}^{(21)}m_{111}^{(10)}m_{211}^{(10)} + 2m_{002}^{(21)}m_{111}^{(10)}m_{121}^{(00)}\\
&+2m_{002}^{(21)}m_{111}^{(11)}m_{310}^{(20)} - 2m_{002}^{(21)}m_{111}^{(11)}m_{211}^{(00)} + 2m_{002}^{(21)}m_{111}^{(20)}m_{220}^{(10)} - 2m_{002}^{(21)}m_{111}^{(20)}m_{130}^{(00)}\\
&-2m_{002}^{(21)}m_{111}^{(21)}m_{310}^{(10)} + 2m_{002}^{(21)}m_{111}^{(21)}m_{220}^{(00)} - m_{002}^{(21)}m_{030}^{(00)}m_{211}^{(20)} + m_{002}^{(21)}m_{030}^{(00)}m_{202}^{(10)}\\
&+m_{002}^{(21)}m_{030}^{(10)}m_{301}^{(20)} - m_{002}^{(21)}m_{030}^{(10)}m_{202}^{(00)} + m_{002}^{(21)}m_{030}^{(20)}m_{310}^{(20)} - 2m_{002}^{(21)}m_{030}^{(20)}m_{301}^{(10)}\\
&+m_{002}^{(21)}m_{030}^{(20)}m_{211}^{(00)} - m_{002}^{(21)}m_{030}^{(21)}m_{400}^{(20)} + m_{002}^{(21)}m_{030}^{(21)}m_{301}^{(00)} + m_{002}^{(21)}m_{030}^{(22)}m_{400}^{(10)}\\
&-m_{002}^{(21)}m_{030}^{(22)}m_{310}^{(00)} - m_{002}^{(21)}m_{021}^{(00)}m_{220}^{(20)} + m_{002}^{(21)}m_{021}^{(00)}m_{211}^{(10)} + 2m_{002}^{(21)}m_{021}^{(10)}m_{310}^{(20)}\\
&-m_{002}^{(21)}m_{021}^{(10)}m_{301}^{(10)} - m_{002}^{(21)}m_{021}^{(10)}m_{211}^{(00)} - m_{002}^{(21)}m_{021}^{(11)}m_{400}^{(20)} + m_{002}^{(21)}m_{021}^{(11)}m_{301}^{(00)}\\
&-m_{002}^{(21)}m_{021}^{(20)}m_{310}^{(10)} + m_{002}^{(21)}m_{021}^{(20)}m_{220}^{(00)} + m_{002}^{(21)}m_{021}^{(21)}m_{400}^{(10)} - m_{002}^{(21)}m_{021}^{(21)}m_{310}^{(00)}\\
&-m_{002}^{(22)}m_{300}^{(00)}m_{040}^{(21)} + m_{002}^{(22)}m_{300}^{(00)}m_{031}^{(11)} + 2m_{002}^{(22)}m_{300}^{(10)}m_{130}^{(21)} - m_{002}^{(22)}m_{300}^{(10)}m_{121}^{(11)}\\
&-m_{002}^{(22)}m_{300}^{(10)}m_{031}^{(10)} - m_{002}^{(22)}m_{300}^{(11)}m_{220}^{(21)} + m_{002}^{(22)}m_{300}^{(11)}m_{121}^{(10)} - m_{002}^{(22)}m_{300}^{(20)}m_{130}^{(11)}\\
&+m_{002}^{(22)}m_{300}^{(20)}m_{040}^{(10)} + m_{002}^{(22)}m_{300}^{(21)}m_{220}^{(11)} - m_{002}^{(22)}m_{300}^{(21)}m_{130}^{(10)} + 2m_{002}^{(22)}m_{210}^{(00)}m_{130}^{(21)}\\
&-2m_{002}^{(22)}m_{210}^{(00)}m_{121}^{(11)} + m_{002}^{(22)}m_{210}^{(00)}m_{040}^{(20)} - m_{002}^{(22)}m_{210}^{(00)}m_{031}^{(10)} - 4m_{002}^{(22)}m_{210}^{(10)}m_{220}^{(21)}\\
&+2m_{002}^{(22)}m_{210}^{(10)}m_{211}^{(11)} - 2m_{002}^{(22)}m_{210}^{(10)}m_{130}^{(20)} + 3m_{002}^{(22)}m_{210}^{(10)}m_{121}^{(10)} + m_{002}^{(22)}m_{210}^{(10)}m_{031}^{(00)}\\
&+2m_{002}^{(22)}m_{210}^{(11)}m_{310}^{(21)} + m_{002}^{(22)}m_{210}^{(11)}m_{220}^{(20)} - 2m_{002}^{(22)}m_{210}^{(11)}m_{211}^{(10)} - m_{002}^{(22)}m_{210}^{(11)}m_{121}^{(00)}\\
&+2m_{002}^{(22)}m_{210}^{(20)}m_{220}^{(11)} - m_{002}^{(22)}m_{210}^{(20)}m_{130}^{(10)} - m_{002}^{(22)}m_{210}^{(20)}m_{040}^{(00)} - 2m_{002}^{(22)}m_{210}^{(21)}m_{310}^{(11)}\\
&+m_{002}^{(22)}m_{210}^{(21)}m_{220}^{(10)} + m_{002}^{(22)}m_{210}^{(21)}m_{130}^{(00)} - m_{002}^{(22)}m_{120}^{(00)}m_{220}^{(21)} + m_{002}^{(22)}m_{120}^{(00)}m_{211}^{(11)}\\
&-2m_{002}^{(22)}m_{120}^{(00)}m_{130}^{(20)} + 2m_{002}^{(22)}m_{120}^{(00)}m_{121}^{(10)} + 2m_{002}^{(22)}m_{120}^{(10)}m_{310}^{(21)} - m_{002}^{(22)}m_{120}^{(10)}m_{301}^{(11)}\\
&+4m_{002}^{(22)}m_{120}^{(10)}m_{220}^{(20)} - 3m_{002}^{(22)}m_{120}^{(10)}m_{211}^{(10)} - 2m_{002}^{(22)}m_{120}^{(10)}m_{121}^{(00)} - m_{002}^{(22)}m_{120}^{(11)}m_{400}^{(21)}\\
&-2m_{002}^{(22)}m_{120}^{(11)}m_{310}^{(20)} + m_{002}^{(22)}m_{120}^{(11)}m_{301}^{(10)} + 2m_{002}^{(22)}m_{120}^{(11)}m_{211}^{(00)} - m_{002}^{(22)}m_{120}^{(20)}m_{310}^{(11)}
\end{aligned}
$$

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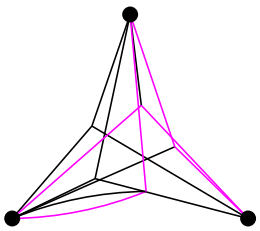
\begin{array}{l}
-m_{002}^{(22)} m_{120}^{(20)} m_{220}^{(10)} + 2m_{002}^{(22)} m_{120}^{(20)} m_{130}^{(00)} + m_{002}^{(22)} m_{120}^{(21)} m_{400}^{(11)} + m_{002}^{(22)} m_{120}^{(21)} m_{310}^{(10)} \\
-2m_{002}^{(22)} m_{120}^{(21)} m_{220}^{(00)} + m_{002}^{(22)} m_{030}^{(00)} m_{220}^{(20)} - m_{002}^{(22)} m_{030}^{(00)} m_{211}^{(10)} - 2m_{002}^{(22)} m_{030}^{(10)} m_{310}^{(20)} \\
+m_{002}^{(22)} m_{030}^{(10)} m_{301}^{(10)} + m_{002}^{(22)} m_{030}^{(10)} m_{211}^{(00)} + m_{002}^{(22)} m_{030}^{(11)} m_{400}^{(20)} - m_{002}^{(22)} m_{030}^{(11)} m_{301}^{(00)} \\
+m_{002}^{(22)} m_{030}^{(20)} m_{310}^{(10)} - m_{002}^{(22)} m_{030}^{(20)} m_{220}^{(00)} - m_{002}^{(22)} m_{030}^{(21)} m_{400}^{(10)} + m_{002}^{(22)} m_{030}^{(21)} m_{310}^{(00)}
\end{array}
$$

Generating graph:

$$
\begin{array}{ccccc}
V1 & 1 & V1 & 1 & 1 \\
1 & V2 & 2 & 2 & 2 \\
V2 & V3 & V3 & 3 & 3
\end{array}
$$



$$
\begin{array}{rcl}
T_{135} & = & -m_{200}^{(00)} m_{030}^{(10)} m_{013}^{(22)} + m_{200}^{(00)} m_{030}^{(10)} m_{004}^{(21)} + m_{200}^{(00)} m_{030}^{(11)} m_{103}^{(22)} - m_{200}^{(00)} m_{030}^{(11)} m_{004}^{(20)} \\
 & & +m_{200}^{(00)} m_{030}^{(20)} m_{022}^{(22)} - m_{200}^{(00)} m_{030}^{(20)} m_{013}^{(21)} - m_{200}^{(00)} m_{030}^{(21)} m_{112}^{(22)} - m_{200}^{(00)} m_{030}^{(21)} m_{103}^{(21)} \\
 & & +2m_{200}^{(00)} m_{030}^{(21)} m_{013}^{(20)} + m_{200}^{(00)} m_{030}^{(22)} m_{112}^{(21)} - m_{200}^{(00)} m_{030}^{(22)} m_{022}^{(20)} + 2m_{200}^{(00)} m_{021}^{(10)} m_{022}^{(22)} \\
 & & -m_{200}^{(00)} m_{021}^{(10)} m_{013}^{(21)} - m_{200}^{(00)} m_{021}^{(10)} m_{004}^{(11)} - 2m_{200}^{(00)} m_{021}^{(11)} m_{112}^{(22)} - m_{200}^{(00)} m_{021}^{(11)} m_{103}^{(21)} \\
 & & +2m_{200}^{(00)} m_{021}^{(11)} m_{013}^{(20)} + m_{200}^{(00)} m_{021}^{(11)} m_{004}^{(10)} - 2m_{200}^{(00)} m_{021}^{(20)} m_{031}^{(22)} + m_{200}^{(00)} m_{021}^{(20)} m_{022}^{(21)} \\
 & & +m_{200}^{(00)} m_{021}^{(20)} m_{013}^{(11)} + 2m_{200}^{(00)} m_{021}^{(21)} m_{121}^{(22)} + 3m_{200}^{(00)} m_{021}^{(21)} m_{112}^{(21)} + m_{200}^{(00)} m_{021}^{(21)} m_{103}^{(11)} \\
 & & -4m_{200}^{(00)} m_{021}^{(21)} m_{022}^{(20)} - 2m_{200}^{(00)} m_{021}^{(21)} m_{013}^{(10)} - 2m_{200}^{(00)} m_{021}^{(22)} m_{121}^{(21)} - m_{200}^{(00)} m_{021}^{(22)} m_{112}^{(11)} \\
 & & +2m_{200}^{(00)} m_{021}^{(22)} m_{031}^{(20)} + m_{200}^{(00)} m_{021}^{(22)} m_{022}^{(10)} - m_{200}^{(00)} m_{012}^{(10)} m_{031}^{(22)} - m_{200}^{(00)} m_{012}^{(10)} m_{022}^{(21)} \\
 & & +2m_{200}^{(00)} m_{012}^{(10)} m_{013}^{(11)} + m_{200}^{(00)} m_{012}^{(11)} m_{121}^{(22)} + 2m_{200}^{(00)} m_{012}^{(11)} m_{112}^{(21)} - m_{200}^{(00)} m_{012}^{(11)} m_{022}^{(20)} \\
 & & -2m_{200}^{(00)} m_{012}^{(11)} m_{013}^{(10)} + m_{200}^{(00)} m_{012}^{(20)} m_{040}^{(22)} + m_{200}^{(00)} m_{012}^{(20)} m_{031}^{(21)} - 2m_{200}^{(00)} m_{012}^{(20)} m_{022}^{(11)} \\
 & & -m_{200}^{(00)} m_{012}^{(21)} m_{130}^{(22)} - 3m_{200}^{(00)} m_{012}^{(21)} m_{121}^{(21)} - 2m_{200}^{(00)} m_{012}^{(21)} m_{112}^{(11)} + 2m_{200}^{(00)} m_{012}^{(21)} m_{031}^{(20)} \\
 & & +4m_{200}^{(00)} m_{012}^{(21)} m_{022}^{(10)} + m_{200}^{(00)} m_{012}^{(22)} m_{130}^{(21)} + 2m_{200}^{(00)} m_{012}^{(22)} m_{121}^{(11)} - m_{200}^{(00)} m_{012}^{(22)} m_{040}^{(20)} \\
 & & -2m_{200}^{(00)} m_{012}^{(22)} m_{031}^{(10)} + m_{200}^{(00)} m_{003}^{(10)} m_{031}^{(21)} - m_{200}^{(00)} m_{003}^{(10)} m_{022}^{(11)} - m_{200}^{(00)} m_{003}^{(11)} m_{121}^{(21)} \\
 & & +m_{200}^{(00)} m_{003}^{(11)} m_{022}^{(10)} - m_{200}^{(00)} m_{003}^{(20)} m_{040}^{(21)} + m_{200}^{(00)} m_{003}^{(20)} m_{031}^{(11)} + m_{200}^{(00)} m_{003}^{(21)} m_{130}^{(21)} \\
 & & +m_{200}^{(00)} m_{003}^{(21)} m_{121}^{(11)} - 2m_{200}^{(00)} m_{003}^{(21)} m_{031}^{(10)} - m_{200}^{(00)} m_{003}^{(22)} m_{130}^{(11)} + m_{200}^{(00)} m_{003}^{(22)} m_{040}^{(10)} \\
 & & +2m_{200}^{(10)} m_{120}^{(10)} m_{013}^{(22)} - 2m_{200}^{(10)} m_{120}^{(10)} m_{004}^{(21)} - 2m_{200}^{(10)} m_{120}^{(11)} m_{103}^{(22)} + 2m_{200}^{(10)} m_{120}^{(11)} m_{004}^{(20)} \\
 & & -2m_{200}^{(10)} m_{120}^{(20)} m_{022}^{(22)} + 2m_{200}^{(10)} m_{120}^{(20)} m_{013}^{(21)} + 2m_{200}^{(10)} m_{120}^{(21)} m_{112}^{(22)} + 2m_{200}^{(10)} m_{120}^{(21)} m_{103}^{(21)} \\
 & & -4m_{200}^{(10)} m_{120}^{(21)} m_{013}^{(20)} - 2m_{200}^{(10)} m_{120}^{(22)} m_{112}^{(21)} + 2m_{200}^{(10)} m_{120}^{(22)} m_{022}^{(20)} - 3m_{200}^{(10)} m_{111}^{(10)} m_{022}^{(22)} \\
 & & +2m_{200}^{(10)} m_{111}^{(10)} m_{013}^{(21)} + m_{200}^{(10)} m_{111}^{(10)} m_{004}^{(11)} + 3m_{200}^{(10)} m_{111}^{(11)} m_{112}^{(22)} + m_{200}^{(10)} m_{111}^{(11)} m_{103}^{(21)}
\end{array}
$$

$$
\begin{aligned}
&-3m_{200}^{(10)}m_{111}^{(11)}m_{013}^{(20)} - m_{200}^{(10)}m_{111}^{(11)}m_{004}^{(10)} + 3m_{200}^{(10)}m_{111}^{(20)}m_{031}^{(22)} - 2m_{200}^{(10)}m_{111}^{(20)}m_{022}^{(21)}\\
&-m_{200}^{(10)}m_{111}^{(20)}m_{013}^{(11)} - 3m_{200}^{(10)}m_{111}^{(21)}m_{121}^{(22)} - 4m_{200}^{(10)}m_{111}^{(21)}m_{112}^{(21)} - m_{200}^{(10)}m_{111}^{(21)}m_{103}^{(11)}\\
&+6m_{200}^{(10)}m_{111}^{(21)}m_{022}^{(20)} + 2m_{200}^{(10)}m_{111}^{(21)}m_{013}^{(10)} + 3m_{200}^{(10)}m_{111}^{(22)}m_{121}^{(21)} + m_{200}^{(10)}m_{111}^{(22)}m_{112}^{(11)}\\
&-3m_{200}^{(10)}m_{111}^{(22)}m_{031}^{(20)} - m_{200}^{(10)}m_{111}^{(22)}m_{022}^{(10)} + m_{200}^{(10)}m_{102}^{(10)}m_{031}^{(22)} - m_{200}^{(10)}m_{102}^{(10)}m_{013}^{(11)}\\
&-m_{200}^{(10)}m_{102}^{(11)}m_{121}^{(22)} - m_{200}^{(10)}m_{102}^{(11)}m_{112}^{(21)} + m_{200}^{(10)}m_{102}^{(11)}m_{022}^{(20)} + m_{200}^{(10)}m_{102}^{(11)}m_{013}^{(10)}\\
&-m_{200}^{(10)}m_{102}^{(20)}m_{040}^{(22)} + m_{200}^{(10)}m_{102}^{(20)}m_{022}^{(11)} + m_{200}^{(10)}m_{102}^{(21)}m_{130}^{(22)} + 2m_{200}^{(10)}m_{102}^{(21)}m_{121}^{(21)}\\
&+m_{200}^{(10)}m_{102}^{(21)}m_{112}^{(11)} - 2m_{200}^{(10)}m_{102}^{(21)}m_{031}^{(20)} - 2m_{200}^{(10)}m_{102}^{(21)}m_{022}^{(10)} - m_{200}^{(10)}m_{102}^{(22)}m_{130}^{(21)}\\
&-m_{200}^{(10)}m_{102}^{(22)}m_{121}^{(11)} + m_{200}^{(10)}m_{102}^{(22)}m_{040}^{(20)} + m_{200}^{(10)}m_{102}^{(22)}m_{031}^{(10)} - m_{200}^{(10)}m_{021}^{(10)}m_{112}^{(22)}\\
&+m_{200}^{(10)}m_{021}^{(10)}m_{103}^{(21)} - m_{200}^{(10)}m_{021}^{(10)}m_{013}^{(20)} + m_{200}^{(10)}m_{021}^{(10)}m_{004}^{(10)} + m_{200}^{(10)}m_{021}^{(11)}m_{202}^{(22)}\\
&-m_{200}^{(10)}m_{021}^{(11)}m_{004}^{(00)} + m_{200}^{(10)}m_{021}^{(20)}m_{121}^{(22)} - m_{200}^{(10)}m_{021}^{(20)}m_{112}^{(21)} + m_{200}^{(10)}m_{021}^{(20)}m_{022}^{(20)}\\
&-m_{200}^{(10)}m_{021}^{(20)}m_{013}^{(10)} - m_{200}^{(10)}m_{021}^{(21)}m_{211}^{(22)} - m_{200}^{(10)}m_{021}^{(21)}m_{202}^{(21)} + m_{200}^{(10)}m_{021}^{(21)}m_{112}^{(20)}\\
&-m_{200}^{(10)}m_{021}^{(21)}m_{103}^{(10)} + 2m_{200}^{(10)}m_{021}^{(21)}m_{013}^{(00)} + m_{200}^{(10)}m_{021}^{(22)}m_{211}^{(21)} - m_{200}^{(10)}m_{021}^{(22)}m_{121}^{(20)}\\
&+m_{200}^{(10)}m_{021}^{(22)}m_{112}^{(10)} - m_{200}^{(10)}m_{021}^{(22)}m_{022}^{(00)} + m_{200}^{(10)}m_{012}^{(10)}m_{121}^{(22)} - m_{200}^{(10)}m_{012}^{(10)}m_{103}^{(11)}\\
&+2m_{200}^{(10)}m_{012}^{(10)}m_{022}^{(20)} - 2m_{200}^{(10)}m_{012}^{(10)}m_{013}^{(10)} - m_{200}^{(10)}m_{012}^{(11)}m_{211}^{(22)} - m_{200}^{(10)}m_{012}^{(11)}m_{202}^{(21)}\\
&-m_{200}^{(10)}m_{012}^{(11)}m_{112}^{(20)} + m_{200}^{(10)}m_{012}^{(11)}m_{103}^{(10)} + 2m_{200}^{(10)}m_{012}^{(11)}m_{013}^{(00)} - m_{200}^{(10)}m_{012}^{(20)}m_{130}^{(22)}\\
&+m_{200}^{(10)}m_{012}^{(20)}m_{112}^{(11)} - 2m_{200}^{(10)}m_{012}^{(20)}m_{031}^{(20)} + 2m_{200}^{(10)}m_{012}^{(20)}m_{022}^{(10)} + m_{200}^{(10)}m_{012}^{(21)}m_{220}^{(22)}\\
&+2m_{200}^{(10)}m_{012}^{(21)}m_{211}^{(21)} + m_{200}^{(10)}m_{012}^{(21)}m_{202}^{(11)} - 4m_{200}^{(10)}m_{012}^{(21)}m_{022}^{(00)} - m_{200}^{(10)}m_{012}^{(22)}m_{220}^{(21)}\\
&-m_{200}^{(10)}m_{012}^{(22)}m_{211}^{(11)} + m_{200}^{(10)}m_{012}^{(22)}m_{130}^{(20)} - m_{200}^{(10)}m_{012}^{(22)}m_{121}^{(10)} + 2m_{200}^{(10)}m_{012}^{(22)}m_{031}^{(00)}\\
&-m_{200}^{(10)}m_{003}^{(10)}m_{121}^{(21)} + m_{200}^{(10)}m_{003}^{(10)}m_{112}^{(11)} - m_{200}^{(10)}m_{003}^{(10)}m_{031}^{(20)} + m_{200}^{(10)}m_{003}^{(10)}m_{022}^{(10)}\\
&+m_{200}^{(10)}m_{003}^{(11)}m_{211}^{(21)} + m_{200}^{(10)}m_{003}^{(11)}m_{121}^{(20)} - m_{200}^{(10)}m_{003}^{(11)}m_{112}^{(10)} - m_{200}^{(10)}m_{003}^{(11)}m_{022}^{(00)}\\
&+m_{200}^{(10)}m_{003}^{(20)}m_{130}^{(21)} - m_{200}^{(10)}m_{003}^{(20)}m_{121}^{(11)} + m_{200}^{(10)}m_{003}^{(20)}m_{040}^{(20)} - m_{200}^{(10)}m_{003}^{(20)}m_{031}^{(10)}\\
&-m_{200}^{(10)}m_{003}^{(21)}m_{220}^{(21)} - m_{200}^{(10)}m_{003}^{(21)}m_{211}^{(11)} - m_{200}^{(10)}m_{003}^{(21)}m_{130}^{(20)} + m_{200}^{(10)}m_{003}^{(21)}m_{121}^{(10)}\\
&+2m_{200}^{(10)}m_{003}^{(21)}m_{031}^{(00)} + m_{200}^{(10)}m_{003}^{(22)}m_{220}^{(11)} - m_{200}^{(10)}m_{003}^{(22)}m_{040}^{(00)} - m_{200}^{(11)}m_{210}^{(10)}m_{013}^{(22)}\\
&+m_{200}^{(11)}m_{210}^{(10)}m_{004}^{(21)} + m_{200}^{(11)}m_{210}^{(11)}m_{103}^{(22)} - m_{200}^{(11)}m_{210}^{(11)}m_{004}^{(20)} + m_{200}^{(11)}m_{210}^{(20)}m_{022}^{(22)}\\
&-m_{200}^{(11)}m_{210}^{(20)}m_{013}^{(21)} - m_{200}^{(11)}m_{210}^{(21)}m_{112}^{(22)} - m_{200}^{(11)}m_{210}^{(21)}m_{103}^{(21)} + 2m_{200}^{(11)}m_{210}^{(21)}m_{013}^{(20)}\\
&+m_{200}^{(11)}m_{210}^{(22)}m_{112}^{(21)} - m_{200}^{(11)}m_{210}^{(22)}m_{022}^{(20)} + m_{200}^{(11)}m_{201}^{(10)}m_{022}^{(22)} - m_{200}^{(11)}m_{201}^{(10)}m_{013}^{(21)}\\
&-m_{200}^{(11)}m_{201}^{(11)}m_{112}^{(22)} + m_{200}^{(11)}m_{201}^{(11)}m_{013}^{(20)} - m_{200}^{(11)}m_{201}^{(20)}m_{031}^{(22)} + m_{200}^{(11)}m_{201}^{(20)}m_{022}^{(21)}\\
&+m_{200}^{(11)}m_{201}^{(21)}m_{121}^{(22)} + m_{200}^{(11)}m_{201}^{(21)}m_{112}^{(21)} - 2m_{200}^{(11)}m_{201}^{(21)}m_{022}^{(20)} - m_{200}^{(11)}m_{201}^{(22)}m_{121}^{(21)}\\
&+m_{200}^{(11)}m_{201}^{(22)}m_{031}^{(20)} + m_{200}^{(11)}m_{111}^{(10)}m_{112}^{(22)} - m_{200}^{(11)}m_{111}^{(10)}m_{103}^{(21)} + m_{200}^{(11)}m_{111}^{(10)}m_{013}^{(20)}\\
&-m_{200}^{(11)}m_{111}^{(10)}m_{004}^{(10)} - m_{200}^{(11)}m_{111}^{(11)}m_{202}^{(22)} + m_{200}^{(11)}m_{111}^{(11)}m_{004}^{(00)} - m_{200}^{(11)}m_{111}^{(20)}m_{121}^{(22)}\\
&+m_{200}^{(11)}m_{111}^{(20)}m_{112}^{(21)} - m_{200}^{(11)}m_{111}^{(20)}m_{022}^{(20)} + m_{200}^{(11)}m_{111}^{(20)}m_{013}^{(10)} + m_{200}^{(11)}m_{111}^{(21)}m_{211}^{(22)}\\
&+m_{200}^{(11)}m_{111}^{(21)}m_{202}^{(21)} - m_{200}^{(11)}m_{111}^{(21)}m_{112}^{(20)} + m_{200}^{(11)}m_{111}^{(21)}m_{103}^{(10)} - 2m_{200}^{(11)}m_{111}^{(21)}m_{013}^{(00)}\\
&-m_{200}^{(11)}m_{111}^{(22)}m_{211}^{(21)} + m_{200}^{(11)}m_{111}^{(22)}m_{121}^{(20)} - m_{200}^{(11)}m_{111}^{(22)}m_{112}^{(10)} + m_{200}^{(11)}m_{111}^{(22)}m_{022}^{(00)}\\
&-m_{200}^{(11)}m_{102}^{(10)}m_{121}^{(22)} + m_{200}^{(11)}m_{102}^{(10)}m_{112}^{(21)} - m_{200}^{(11)}m_{102}^{(10)}m_{022}^{(20)} + m_{200}^{(11)}m_{102}^{(10)}m_{013}^{(10)}\\
&+m_{200}^{(11)}m_{102}^{(11)}m_{211}^{(22)} - m_{200}^{(11)}m_{102}^{(11)}m_{013}^{(00)} + m_{200}^{(11)}m_{102}^{(20)}m_{130}^{(22)} - m_{200}^{(11)}m_{102}^{(20)}m_{121}^{(21)}\\
&+m_{200}^{(11)}m_{102}^{(20)}m_{031}^{(20)} - m_{200}^{(11)}m_{102}^{(20)}m_{022}^{(10)} - m_{200}^{(11)}m_{102}^{(21)}m_{220}^{(22)} - m_{200}^{(11)}m_{102}^{(21)}m_{211}^{(21)}\\
&+m_{200}^{(11)}m_{102}^{(21)}m_{121}^{(20)} - m_{200}^{(11)}m_{102}^{(21)}m_{112}^{(10)} + 2m_{200}^{(11)}m_{102}^{(21)}m_{022}^{(00)} + m_{200}^{(11)}m_{102}^{(22)}m_{220}^{(21)}\\
&-m_{200}^{(11)}m_{102}^{(22)}m_{130}^{(20)} + m_{200}^{(11)}m_{102}^{(22)}m_{121}^{(10)} - m_{200}^{(11)}m_{102}^{(22)}m_{031}^{(00)} - m_{200}^{(11)}m_{012}^{(10)}m_{112}^{(20)}
\end{aligned}
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\begin{aligned}
&+m_{200}^{(11)}m_{012}^{(10)}m_{103}^{(10)}+m_{200}^{(11)}m_{012}^{(11)}m_{202}^{(20)}-m_{200}^{(11)}m_{012}^{(11)}m_{103}^{(00)}+m_{200}^{(11)}m_{012}^{(20)}m_{121}^{(20)}\\
&-m_{200}^{(11)}m_{012}^{(20)}m_{112}^{(10)}-m_{200}^{(11)}m_{012}^{(21)}m_{211}^{(20)}-m_{200}^{(11)}m_{012}^{(21)}m_{202}^{(10)}+2m_{200}^{(11)}m_{012}^{(21)}m_{112}^{(00)}\\
&+m_{200}^{(11)}m_{012}^{(22)}m_{211}^{(10)}-m_{200}^{(11)}m_{012}^{(22)}m_{121}^{(00)}+m_{200}^{(11)}m_{003}^{(10)}m_{121}^{(20)}-m_{200}^{(11)}m_{003}^{(10)}m_{112}^{(10)}\\
&-m_{200}^{(11)}m_{003}^{(11)}m_{211}^{(20)}+m_{200}^{(11)}m_{003}^{(11)}m_{112}^{(00)}-m_{200}^{(11)}m_{003}^{(20)}m_{130}^{(20)}+m_{200}^{(11)}m_{003}^{(20)}m_{121}^{(10)}\\
&+m_{200}^{(11)}m_{003}^{(21)}m_{220}^{(20)}+m_{200}^{(11)}m_{003}^{(21)}m_{211}^{(10)}-2m_{200}^{(11)}m_{003}^{(21)}m_{121}^{(00)}-m_{200}^{(11)}m_{003}^{(22)}m_{220}^{(10)}\\
&+m_{200}^{(11)}m_{003}^{(22)}m_{130}^{(00)}-m_{200}^{(20)}m_{120}^{(10)}m_{022}^{(22)}+m_{200}^{(20)}m_{120}^{(10)}m_{004}^{(11)}+m_{200}^{(20)}m_{120}^{(11)}m_{112}^{(22)}\\
&+m_{200}^{(20)}m_{120}^{(11)}m_{103}^{(21)}-m_{200}^{(20)}m_{120}^{(11)}m_{013}^{(20)}-m_{200}^{(20)}m_{120}^{(11)}m_{004}^{(10)}+m_{200}^{(20)}m_{120}^{(20)}m_{031}^{(22)}\\
&-m_{200}^{(20)}m_{120}^{(20)}m_{013}^{(11)}-m_{200}^{(20)}m_{120}^{(21)}m_{121}^{(22)}-2m_{200}^{(20)}m_{120}^{(21)}m_{112}^{(21)}-m_{200}^{(20)}m_{120}^{(21)}m_{103}^{(11)}\\
&+2m_{200}^{(20)}m_{120}^{(21)}m_{022}^{(20)}+2m_{200}^{(20)}m_{120}^{(21)}m_{013}^{(10)}+m_{200}^{(20)}m_{120}^{(22)}m_{121}^{(21)}+m_{200}^{(20)}m_{120}^{(22)}m_{112}^{(11)}\\
&-m_{200}^{(20)}m_{120}^{(22)}m_{031}^{(20)}-m_{200}^{(20)}m_{120}^{(22)}m_{022}^{(10)}+m_{200}^{(20)}m_{111}^{(10)}m_{031}^{(22)}+2m_{200}^{(20)}m_{111}^{(10)}m_{022}^{(21)}\\
&-3m_{200}^{(20)}m_{111}^{(10)}m_{013}^{(11)}-m_{200}^{(20)}m_{111}^{(11)}m_{121}^{(22)}-3m_{200}^{(20)}m_{111}^{(11)}m_{112}^{(21)}+m_{200}^{(20)}m_{111}^{(11)}m_{022}^{(20)}\\
&+3m_{200}^{(20)}m_{111}^{(11)}m_{013}^{(10)}-m_{200}^{(20)}m_{111}^{(20)}m_{040}^{(22)}-2m_{200}^{(20)}m_{111}^{(20)}m_{031}^{(21)}+3m_{200}^{(20)}m_{111}^{(20)}m_{022}^{(11)}\\
&+m_{200}^{(20)}m_{111}^{(21)}m_{130}^{(22)}+4m_{200}^{(20)}m_{111}^{(21)}m_{121}^{(21)}+3m_{200}^{(20)}m_{111}^{(21)}m_{112}^{(11)}-2m_{200}^{(20)}m_{111}^{(21)}m_{031}^{(20)}\\
&-6m_{200}^{(20)}m_{111}^{(21)}m_{022}^{(10)}-m_{200}^{(20)}m_{111}^{(22)}m_{130}^{(21)}-3m_{200}^{(20)}m_{111}^{(22)}m_{121}^{(11)}+m_{200}^{(20)}m_{111}^{(22)}m_{040}^{(20)}\\
&+3m_{200}^{(20)}m_{111}^{(22)}m_{031}^{(10)}-2m_{200}^{(20)}m_{102}^{(10)}m_{031}^{(21)}+2m_{200}^{(20)}m_{102}^{(10)}m_{022}^{(11)}+2m_{200}^{(20)}m_{102}^{(11)}m_{121}^{(21)}\\
&-2m_{200}^{(20)}m_{102}^{(11)}m_{022}^{(10)}+2m_{200}^{(20)}m_{102}^{(20)}m_{040}^{(21)}-2m_{200}^{(20)}m_{102}^{(20)}m_{031}^{(11)}-2m_{200}^{(20)}m_{102}^{(21)}m_{130}^{(21)}\\
&-2m_{200}^{(20)}m_{102}^{(21)}m_{121}^{(11)}+4m_{200}^{(20)}m_{102}^{(21)}m_{031}^{(10)}+2m_{200}^{(20)}m_{102}^{(22)}m_{130}^{(11)}-2m_{200}^{(20)}m_{102}^{(22)}m_{040}^{(10)}\\
&+m_{200}^{(20)}m_{030}^{(10)}m_{112}^{(22)}-m_{200}^{(20)}m_{030}^{(10)}m_{103}^{(21)}+m_{200}^{(20)}m_{030}^{(10)}m_{013}^{(20)}-m_{200}^{(20)}m_{030}^{(10)}m_{004}^{(10)}\\
&-m_{200}^{(20)}m_{030}^{(11)}m_{202}^{(22)}+m_{200}^{(20)}m_{030}^{(11)}m_{004}^{(00)}-m_{200}^{(20)}m_{030}^{(20)}m_{121}^{(22)}+m_{200}^{(20)}m_{030}^{(20)}m_{112}^{(21)}\\
&-m_{200}^{(20)}m_{030}^{(20)}m_{022}^{(20)}+m_{200}^{(20)}m_{030}^{(20)}m_{013}^{(10)}+m_{200}^{(20)}m_{030}^{(21)}m_{211}^{(22)}+m_{200}^{(20)}m_{030}^{(21)}m_{202}^{(21)}\\
&-m_{200}^{(20)}m_{030}^{(21)}m_{112}^{(20)}+m_{200}^{(20)}m_{030}^{(21)}m_{103}^{(10)}-2m_{200}^{(20)}m_{030}^{(21)}m_{013}^{(00)}-m_{200}^{(20)}m_{030}^{(22)}m_{211}^{(21)}\\
&+m_{200}^{(20)}m_{030}^{(22)}m_{121}^{(20)}-m_{200}^{(20)}m_{030}^{(22)}m_{112}^{(10)}+m_{200}^{(20)}m_{030}^{(22)}m_{022}^{(00)}-m_{200}^{(20)}m_{021}^{(10)}m_{121}^{(22)}\\
&+m_{200}^{(20)}m_{021}^{(10)}m_{103}^{(11)}-2m_{200}^{(20)}m_{021}^{(10)}m_{022}^{(20)}+2m_{200}^{(20)}m_{021}^{(10)}m_{013}^{(10)}+m_{200}^{(20)}m_{021}^{(11)}m_{211}^{(22)}\\
&+m_{200}^{(20)}m_{021}^{(11)}m_{202}^{(21)}+m_{200}^{(20)}m_{021}^{(11)}m_{112}^{(20)}-m_{200}^{(20)}m_{021}^{(11)}m_{103}^{(10)}-2m_{200}^{(20)}m_{021}^{(11)}m_{013}^{(00)}\\
&+m_{200}^{(20)}m_{021}^{(20)}m_{130}^{(22)}-m_{200}^{(20)}m_{021}^{(20)}m_{112}^{(11)}+2m_{200}^{(20)}m_{021}^{(20)}m_{031}^{(20)}-2m_{200}^{(20)}m_{021}^{(20)}m_{022}^{(10)}\\
&-m_{200}^{(20)}m_{021}^{(21)}m_{220}^{(22)}-2m_{200}^{(20)}m_{021}^{(21)}m_{211}^{(21)}-m_{200}^{(20)}m_{021}^{(21)}m_{202}^{(11)}+4m_{200}^{(20)}m_{021}^{(21)}m_{022}^{(00)}\\
&+m_{200}^{(20)}m_{021}^{(22)}m_{220}^{(21)}+m_{200}^{(20)}m_{021}^{(22)}m_{211}^{(11)}-m_{200}^{(20)}m_{021}^{(22)}m_{130}^{(20)}+m_{200}^{(20)}m_{021}^{(22)}m_{121}^{(10)}\\
&-2m_{200}^{(20)}m_{021}^{(22)}m_{031}^{(00)}+m_{200}^{(20)}m_{012}^{(10)}m_{121}^{(21)}-m_{200}^{(20)}m_{012}^{(10)}m_{112}^{(11)}+m_{200}^{(20)}m_{012}^{(10)}m_{031}^{(20)}\\
&-m_{200}^{(20)}m_{012}^{(10)}m_{022}^{(10)}-m_{200}^{(20)}m_{012}^{(11)}m_{211}^{(21)}-m_{200}^{(20)}m_{012}^{(11)}m_{121}^{(20)}+m_{200}^{(20)}m_{012}^{(11)}m_{112}^{(10)}\\
&+m_{200}^{(20)}m_{012}^{(11)}m_{022}^{(00)}-m_{200}^{(20)}m_{012}^{(20)}m_{130}^{(21)}+m_{200}^{(20)}m_{012}^{(20)}m_{121}^{(11)}-m_{200}^{(20)}m_{012}^{(20)}m_{040}^{(20)}\\
&+m_{200}^{(20)}m_{012}^{(20)}m_{031}^{(10)}+m_{200}^{(20)}m_{012}^{(21)}m_{220}^{(21)}+m_{200}^{(20)}m_{012}^{(21)}m_{211}^{(11)}+m_{200}^{(20)}m_{012}^{(21)}m_{130}^{(20)}\\
&-m_{200}^{(20)}m_{012}^{(21)}m_{121}^{(10)}-2m_{200}^{(20)}m_{012}^{(21)}m_{031}^{(00)}-m_{200}^{(20)}m_{012}^{(22)}m_{220}^{(10)}+m_{200}^{(20)}m_{012}^{(22)}m_{040}^{(00)}\\
&+m_{200}^{(21)}m_{210}^{(10)}m_{022}^{(22)}-m_{200}^{(21)}m_{210}^{(10)}m_{004}^{(11)}-m_{200}^{(21)}m_{210}^{(11)}m_{112}^{(22)}-m_{200}^{(21)}m_{210}^{(11)}m_{103}^{(21)}\\
&+m_{200}^{(21)}m_{210}^{(11)}m_{013}^{(20)}+m_{200}^{(21)}m_{210}^{(11)}m_{004}^{(10)}-m_{200}^{(21)}m_{210}^{(20)}m_{031}^{(22)}+m_{200}^{(21)}m_{210}^{(20)}m_{013}^{(11)}\\
&+m_{200}^{(21)}m_{210}^{(21)}m_{121}^{(22)}+2m_{200}^{(21)}m_{210}^{(21)}m_{112}^{(21)}+m_{200}^{(21)}m_{210}^{(21)}m_{103}^{(11)}-2m_{200}^{(21)}m_{210}^{(21)}m_{022}^{(20)}\\
&-2m_{200}^{(21)}m_{210}^{(21)}m_{013}^{(10)}-m_{200}^{(21)}m_{210}^{(22)}m_{121}^{(21)}-m_{200}^{(21)}m_{210}^{(22)}m_{112}^{(11)}+m_{200}^{(21)}m_{210}^{(22)}m_{031}^{(20)}\\
&+m_{200}^{(21)}m_{210}^{(22)}m_{022}^{(10)}-m_{200}^{(21)}m_{201}^{(10)}m_{031}^{(22)}+m_{200}^{(21)}m_{201}^{(10)}m_{013}^{(11)}+m_{200}^{(21)}m_{201}^{(11)}m_{121}^{(22)}\\
&+m_{200}^{(21)}m_{201}^{(11)}m_{112}^{(21)}-m_{200}^{(21)}m_{201}^{(11)}m_{022}^{(20)}-m_{200}^{(21)}m_{201}^{(11)}m_{013}^{(10)}+m_{200}^{(21)}m_{201}^{(20)}m_{040}^{(22)}
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\begin{aligned}
&-m_{200}^{(21)}m_{201}^{(20)}m_{022}^{(11)} - m_{200}^{(21)}m_{201}^{(21)}m_{130}^{(22)} - 2m_{200}^{(21)}m_{201}^{(21)}m_{121}^{(21)} - m_{200}^{(21)}m_{201}^{(21)}m_{112}^{(11)}\\
&+2m_{200}^{(21)}m_{201}^{(21)}m_{031}^{(20)} + 2m_{200}^{(21)}m_{201}^{(21)}m_{022}^{(10)} + m_{200}^{(21)}m_{201}^{(22)}m_{130}^{(21)} + m_{200}^{(21)}m_{201}^{(22)}m_{121}^{(11)}\\
&-m_{200}^{(21)}m_{201}^{(22)}m_{040}^{(20)} - m_{200}^{(21)}m_{201}^{(22)}m_{031}^{(10)} - m_{200}^{(21)}m_{120}^{(10)}m_{112}^{(22)} + m_{200}^{(21)}m_{120}^{(10)}m_{103}^{(21)}\\
&-m_{200}^{(21)}m_{120}^{(10)}m_{013}^{(20)} + m_{200}^{(21)}m_{120}^{(10)}m_{004}^{(10)} + m_{200}^{(21)}m_{120}^{(11)}m_{202}^{(22)} - m_{200}^{(21)}m_{120}^{(11)}m_{004}^{(00)}\\
&+m_{200}^{(21)}m_{120}^{(20)}m_{121}^{(22)} - m_{200}^{(21)}m_{120}^{(20)}m_{112}^{(21)} + m_{200}^{(21)}m_{120}^{(20)}m_{022}^{(20)} - m_{200}^{(21)}m_{120}^{(20)}m_{013}^{(10)}\\
&-m_{200}^{(21)}m_{120}^{(21)}m_{211}^{(22)} - m_{200}^{(21)}m_{120}^{(21)}m_{202}^{(21)} + m_{200}^{(21)}m_{120}^{(21)}m_{112}^{(20)} - m_{200}^{(21)}m_{120}^{(21)}m_{103}^{(10)}\\
&+2m_{200}^{(21)}m_{120}^{(21)}m_{013}^{(00)} + m_{200}^{(21)}m_{120}^{(22)}m_{211}^{(21)} - m_{200}^{(21)}m_{120}^{(22)}m_{121}^{(20)} + m_{200}^{(21)}m_{120}^{(22)}m_{112}^{(10)}\\
&-m_{200}^{(21)}m_{120}^{(22)}m_{022}^{(00)} + m_{200}^{(21)}m_{111}^{(10)}m_{121}^{(22)} - 2m_{200}^{(21)}m_{111}^{(10)}m_{112}^{(21)} + m_{200}^{(21)}m_{111}^{(10)}m_{103}^{(11)}\\
&-m_{200}^{(21)}m_{111}^{(11)}m_{211}^{(22)} + m_{200}^{(21)}m_{111}^{(11)}m_{202}^{(21)} + m_{200}^{(21)}m_{111}^{(11)}m_{112}^{(20)} - m_{200}^{(21)}m_{111}^{(11)}m_{103}^{(10)}\\
&-m_{200}^{(21)}m_{111}^{(20)}m_{130}^{(22)} + 2m_{200}^{(21)}m_{111}^{(20)}m_{121}^{(21)} - m_{200}^{(21)}m_{111}^{(20)}m_{112}^{(11)} + m_{200}^{(21)}m_{111}^{(21)}m_{220}^{(22)}\\
&-m_{200}^{(21)}m_{111}^{(21)}m_{202}^{(11)} - 2m_{200}^{(21)}m_{111}^{(21)}m_{121}^{(20)} + 2m_{200}^{(21)}m_{111}^{(21)}m_{112}^{(10)} - m_{200}^{(21)}m_{111}^{(22)}m_{220}^{(21)}\\
&+m_{200}^{(21)}m_{111}^{(22)}m_{211}^{(11)} + m_{200}^{(21)}m_{111}^{(22)}m_{130}^{(20)} - m_{200}^{(21)}m_{111}^{(22)}m_{121}^{(10)} + m_{200}^{(21)}m_{102}^{(10)}m_{121}^{(21)}\\
&-m_{200}^{(21)}m_{102}^{(10)}m_{112}^{(11)} + m_{200}^{(21)}m_{102}^{(10)}m_{031}^{(20)} - m_{200}^{(21)}m_{102}^{(10)}m_{022}^{(10)} - m_{200}^{(21)}m_{102}^{(11)}m_{211}^{(21)}\\
&-m_{200}^{(21)}m_{102}^{(11)}m_{121}^{(20)} + m_{200}^{(21)}m_{102}^{(11)}m_{112}^{(10)} + m_{200}^{(21)}m_{102}^{(11)}m_{022}^{(00)} - m_{200}^{(21)}m_{102}^{(20)}m_{130}^{(21)}\\
&+m_{200}^{(21)}m_{102}^{(20)}m_{121}^{(11)} - m_{200}^{(21)}m_{102}^{(20)}m_{040}^{(20)} + m_{200}^{(21)}m_{102}^{(20)}m_{031}^{(10)} + m_{200}^{(21)}m_{102}^{(21)}m_{220}^{(21)}\\
&+m_{200}^{(21)}m_{102}^{(21)}m_{211}^{(11)} + m_{200}^{(21)}m_{102}^{(21)}m_{130}^{(20)} - m_{200}^{(21)}m_{102}^{(21)}m_{121}^{(10)} - 2m_{200}^{(21)}m_{102}^{(21)}m_{031}^{(00)}\\
&-m_{200}^{(21)}m_{102}^{(22)}m_{220}^{(11)} + m_{200}^{(21)}m_{102}^{(22)}m_{040}^{(00)} + 2m_{200}^{(21)}m_{021}^{(10)}m_{112}^{(20)} - 2m_{200}^{(21)}m_{021}^{(10)}m_{103}^{(10)}\\
&-2m_{200}^{(21)}m_{021}^{(11)}m_{202}^{(20)} + 2m_{200}^{(21)}m_{021}^{(11)}m_{103}^{(00)} - 2m_{200}^{(21)}m_{021}^{(20)}m_{121}^{(20)} + 2m_{200}^{(21)}m_{021}^{(20)}m_{112}^{(10)}\\
&+2m_{200}^{(21)}m_{021}^{(21)}m_{211}^{(20)} + 2m_{200}^{(21)}m_{021}^{(21)}m_{202}^{(10)} - 4m_{200}^{(21)}m_{021}^{(21)}m_{112}^{(00)} - 2m_{200}^{(21)}m_{021}^{(22)}m_{211}^{(10)}\\
&+2m_{200}^{(21)}m_{021}^{(22)}m_{121}^{(00)} - 2m_{200}^{(21)}m_{012}^{(10)}m_{121}^{(20)} + 2m_{200}^{(21)}m_{012}^{(10)}m_{112}^{(10)} + 2m_{200}^{(21)}m_{012}^{(11)}m_{211}^{(20)}\\
&-2m_{200}^{(21)}m_{012}^{(11)}m_{112}^{(00)} + 2m_{200}^{(21)}m_{012}^{(20)}m_{130}^{(20)} - 2m_{200}^{(21)}m_{012}^{(20)}m_{121}^{(10)} - 2m_{200}^{(21)}m_{012}^{(21)}m_{220}^{(20)}\\
&-2m_{200}^{(21)}m_{012}^{(21)}m_{211}^{(10)} + 4m_{200}^{(21)}m_{012}^{(21)}m_{121}^{(00)} + 2m_{200}^{(21)}m_{012}^{(22)}m_{220}^{(10)} - 2m_{200}^{(21)}m_{012}^{(22)}m_{130}^{(00)}\\
&-m_{200}^{(22)}m_{210}^{(10)}m_{022}^{(21)} + m_{200}^{(22)}m_{210}^{(10)}m_{013}^{(11)} + m_{200}^{(22)}m_{210}^{(11)}m_{112}^{(21)} - m_{200}^{(22)}m_{210}^{(11)}m_{013}^{(10)}\\
&+m_{200}^{(22)}m_{210}^{(20)}m_{031}^{(21)} - m_{200}^{(22)}m_{210}^{(20)}m_{022}^{(11)} - m_{200}^{(22)}m_{210}^{(21)}m_{121}^{(21)} - m_{200}^{(22)}m_{210}^{(21)}m_{112}^{(11)}\\
&+2m_{200}^{(22)}m_{210}^{(21)}m_{022}^{(10)} + m_{200}^{(22)}m_{210}^{(22)}m_{121}^{(11)} - m_{200}^{(22)}m_{210}^{(22)}m_{031}^{(10)} + m_{200}^{(22)}m_{201}^{(10)}m_{031}^{(21)}\\
&-m_{200}^{(22)}m_{201}^{(10)}m_{022}^{(11)} - m_{200}^{(22)}m_{201}^{(11)}m_{121}^{(21)} + m_{200}^{(22)}m_{201}^{(11)}m_{022}^{(10)} - m_{200}^{(22)}m_{201}^{(20)}m_{040}^{(21)}\\
&+m_{200}^{(22)}m_{201}^{(20)}m_{031}^{(11)} + m_{200}^{(22)}m_{201}^{(21)}m_{130}^{(21)} + m_{200}^{(22)}m_{201}^{(21)}m_{121}^{(11)} - 2m_{200}^{(22)}m_{201}^{(21)}m_{031}^{(10)}\\
&-m_{200}^{(22)}m_{201}^{(22)}m_{130}^{(11)} + m_{200}^{(22)}m_{201}^{(22)}m_{040}^{(10)} + m_{200}^{(22)}m_{120}^{(10)}m_{112}^{(21)} - m_{200}^{(22)}m_{120}^{(10)}m_{103}^{(11)}\\
&+m_{200}^{(22)}m_{120}^{(10)}m_{022}^{(20)} - m_{200}^{(22)}m_{120}^{(10)}m_{013}^{(10)} - m_{200}^{(22)}m_{120}^{(11)}m_{202}^{(21)} - m_{200}^{(22)}m_{120}^{(11)}m_{112}^{(20)}\\
&+m_{200}^{(22)}m_{120}^{(11)}m_{103}^{(10)} + m_{200}^{(22)}m_{120}^{(11)}m_{013}^{(00)} - m_{200}^{(22)}m_{120}^{(20)}m_{121}^{(21)} + m_{200}^{(22)}m_{120}^{(20)}m_{112}^{(11)}\\
&-m_{200}^{(22)}m_{120}^{(20)}m_{031}^{(20)} + m_{200}^{(22)}m_{120}^{(20)}m_{022}^{(10)} + m_{200}^{(22)}m_{120}^{(21)}m_{211}^{(21)} + m_{200}^{(22)}m_{120}^{(21)}m_{202}^{(11)}\\
&+m_{200}^{(22)}m_{120}^{(21)}m_{121}^{(20)} - m_{200}^{(22)}m_{120}^{(21)}m_{112}^{(10)} - 2m_{200}^{(22)}m_{120}^{(21)}m_{022}^{(00)} - m_{200}^{(22)}m_{120}^{(22)}m_{211}^{(11)}\\
&+m_{200}^{(22)}m_{120}^{(22)}m_{031}^{(00)} - m_{200}^{(22)}m_{111}^{(10)}m_{121}^{(21)} + m_{200}^{(22)}m_{111}^{(10)}m_{112}^{(11)} - m_{200}^{(22)}m_{111}^{(10)}m_{031}^{(20)}\\
&+m_{200}^{(22)}m_{111}^{(10)}m_{022}^{(10)} + m_{200}^{(22)}m_{111}^{(11)}m_{211}^{(21)} + m_{200}^{(22)}m_{111}^{(11)}m_{121}^{(20)} - m_{200}^{(22)}m_{111}^{(11)}m_{112}^{(10)}\\
&-m_{200}^{(22)}m_{111}^{(11)}m_{022}^{(00)} + m_{200}^{(22)}m_{111}^{(20)}m_{130}^{(21)} - m_{200}^{(22)}m_{111}^{(20)}m_{121}^{(11)} + m_{200}^{(22)}m_{111}^{(20)}m_{040}^{(20)}\\
&-m_{200}^{(22)}m_{111}^{(20)}m_{031}^{(10)} - m_{200}^{(22)}m_{111}^{(21)}m_{220}^{(21)} - m_{200}^{(22)}m_{111}^{(21)}m_{211}^{(11)} - m_{200}^{(22)}m_{111}^{(21)}m_{130}^{(20)}\\
&+m_{200}^{(22)}m_{111}^{(21)}m_{121}^{(10)} + 2m_{200}^{(22)}m_{111}^{(21)}m_{031}^{(00)} + m_{200}^{(22)}m_{111}^{(22)}m_{220}^{(11)} - m_{200}^{(22)}m_{111}^{(22)}m_{040}^{(00)}\\
&-m_{200}^{(22)}m_{030}^{(10)}m_{112}^{(20)} + m_{200}^{(22)}m_{030}^{(10)}m_{103}^{(10)} + m_{200}^{(22)}m_{030}^{(11)}m_{202}^{(20)} - m_{200}^{(22)}m_{030}^{(11)}m_{103}^{(00)}
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&+m_{200}^{(22)}m_{030}^{(20)}m_{121}^{(20)} - m_{200}^{(22)}m_{030}^{(20)}m_{112}^{(10)} - m_{200}^{(22)}m_{030}^{(21)}m_{211}^{(20)} - m_{200}^{(22)}m_{030}^{(21)}m_{202}^{(10)}\\
&+2m_{200}^{(22)}m_{030}^{(21)}m_{112}^{(00)} + m_{200}^{(22)}m_{030}^{(22)}m_{211}^{(10)} - m_{200}^{(22)}m_{030}^{(22)}m_{121}^{(00)} + m_{200}^{(22)}m_{021}^{(10)}m_{121}^{(20)}\\
&-m_{200}^{(22)}m_{021}^{(10)}m_{112}^{(10)} - m_{200}^{(22)}m_{021}^{(11)}m_{211}^{(20)} + m_{200}^{(22)}m_{021}^{(11)}m_{112}^{(00)} - m_{200}^{(22)}m_{021}^{(20)}m_{130}^{(20)}\\
&+m_{200}^{(22)}m_{021}^{(20)}m_{121}^{(10)} + m_{200}^{(22)}m_{021}^{(21)}m_{220}^{(20)} + m_{200}^{(22)}m_{021}^{(21)}m_{211}^{(10)} - 2m_{200}^{(22)}m_{021}^{(21)}m_{121}^{(00)}\\
&-m_{200}^{(22)}m_{021}^{(22)}m_{220}^{(10)} + m_{200}^{(22)}m_{021}^{(22)}m_{130}^{(00)} + m_{110}^{(00)}m_{120}^{(10)}m_{013}^{(22)} - m_{110}^{(00)}m_{120}^{(10)}m_{004}^{(21)}\\
&-m_{110}^{(00)}m_{120}^{(11)}m_{103}^{(22)} + m_{110}^{(00)}m_{120}^{(11)}m_{004}^{(20)} - m_{110}^{(00)}m_{120}^{(20)}m_{022}^{(22)} + m_{110}^{(00)}m_{120}^{(20)}m_{013}^{(21)}\\
&+m_{110}^{(00)}m_{120}^{(21)}m_{112}^{(22)} + m_{110}^{(00)}m_{120}^{(21)}m_{103}^{(21)} - 2m_{110}^{(00)}m_{120}^{(21)}m_{013}^{(20)} - m_{110}^{(00)}m_{120}^{(22)}m_{112}^{(21)}\\
&+m_{110}^{(00)}m_{120}^{(22)}m_{022}^{(20)} - m_{110}^{(00)}m_{111}^{(10)}m_{022}^{(22)} + m_{110}^{(00)}m_{111}^{(10)}m_{004}^{(11)} + m_{110}^{(00)}m_{111}^{(11)}m_{112}^{(22)}\\
&+m_{110}^{(00)}m_{111}^{(11)}m_{103}^{(21)} - m_{110}^{(00)}m_{111}^{(11)}m_{013}^{(20)} - m_{110}^{(00)}m_{111}^{(11)}m_{004}^{(10)} + m_{110}^{(00)}m_{111}^{(20)}m_{031}^{(22)}\\
&-m_{110}^{(00)}m_{111}^{(20)}m_{013}^{(11)} - m_{110}^{(00)}m_{111}^{(21)}m_{121}^{(22)} - 2m_{110}^{(00)}m_{111}^{(21)}m_{112}^{(21)} - m_{110}^{(00)}m_{111}^{(21)}m_{103}^{(11)}\\
&+2m_{110}^{(00)}m_{111}^{(21)}m_{022}^{(20)} + 2m_{110}^{(00)}m_{111}^{(21)}m_{013}^{(10)} + m_{110}^{(00)}m_{111}^{(22)}m_{121}^{(21)} + m_{110}^{(00)}m_{111}^{(22)}m_{112}^{(11)}\\
&-m_{110}^{(00)}m_{111}^{(22)}m_{031}^{(20)} - m_{110}^{(00)}m_{111}^{(22)}m_{022}^{(10)} + m_{110}^{(00)}m_{102}^{(10)}m_{022}^{(21)} - m_{110}^{(00)}m_{102}^{(10)}m_{013}^{(11)}\\
&-m_{110}^{(00)}m_{102}^{(11)}m_{112}^{(21)} + m_{110}^{(00)}m_{102}^{(11)}m_{013}^{(10)} - m_{110}^{(00)}m_{102}^{(20)}m_{031}^{(21)} + m_{110}^{(00)}m_{102}^{(20)}m_{022}^{(11)}\\
&+m_{110}^{(00)}m_{102}^{(21)}m_{121}^{(21)} + m_{110}^{(00)}m_{102}^{(21)}m_{112}^{(11)} - 2m_{110}^{(00)}m_{102}^{(21)}m_{022}^{(10)} - m_{110}^{(00)}m_{102}^{(22)}m_{121}^{(11)}\\
&+m_{110}^{(00)}m_{102}^{(22)}m_{031}^{(10)} + m_{110}^{(00)}m_{030}^{(00)}m_{013}^{(22)} - m_{110}^{(00)}m_{030}^{(00)}m_{004}^{(21)} - m_{110}^{(00)}m_{030}^{(10)}m_{103}^{(22)}\\
&+m_{110}^{(00)}m_{030}^{(10)}m_{004}^{(20)} - m_{110}^{(00)}m_{030}^{(20)}m_{112}^{(22)} + 2m_{110}^{(00)}m_{030}^{(20)}m_{103}^{(21)} - m_{110}^{(00)}m_{030}^{(20)}m_{013}^{(20)}\\
&+m_{110}^{(00)}m_{030}^{(21)}m_{202}^{(22)} - m_{110}^{(00)}m_{030}^{(21)}m_{103}^{(20)} - m_{110}^{(00)}m_{030}^{(22)}m_{202}^{(21)} + m_{110}^{(00)}m_{030}^{(22)}m_{112}^{(20)}\\
&-2m_{110}^{(00)}m_{021}^{(00)}m_{022}^{(22)} + m_{110}^{(00)}m_{021}^{(00)}m_{013}^{(21)} + m_{110}^{(00)}m_{021}^{(00)}m_{004}^{(11)} + m_{110}^{(00)}m_{021}^{(10)}m_{112}^{(22)}\\
&+2m_{110}^{(00)}m_{021}^{(10)}m_{103}^{(21)} - 2m_{110}^{(00)}m_{021}^{(10)}m_{013}^{(20)} - m_{110}^{(00)}m_{021}^{(10)}m_{004}^{(10)} + m_{110}^{(00)}m_{021}^{(11)}m_{202}^{(22)}\\
&-m_{110}^{(00)}m_{021}^{(11)}m_{103}^{(20)} + 3m_{110}^{(00)}m_{021}^{(20)}m_{121}^{(22)} - 4m_{110}^{(00)}m_{021}^{(20)}m_{112}^{(21)} - 2m_{110}^{(00)}m_{021}^{(20)}m_{103}^{(11)}\\
&+2m_{110}^{(00)}m_{021}^{(20)}m_{022}^{(20)} + m_{110}^{(00)}m_{021}^{(20)}m_{013}^{(10)} - 3m_{110}^{(00)}m_{021}^{(21)}m_{211}^{(22)} - 2m_{110}^{(00)}m_{021}^{(21)}m_{202}^{(21)}\\
&+4m_{110}^{(00)}m_{021}^{(21)}m_{112}^{(20)} + m_{110}^{(00)}m_{021}^{(21)}m_{103}^{(10)} + 3m_{110}^{(00)}m_{021}^{(22)}m_{211}^{(21)} + m_{110}^{(00)}m_{021}^{(22)}m_{202}^{(11)}\\
&-3m_{110}^{(00)}m_{021}^{(22)}m_{121}^{(20)} - m_{110}^{(00)}m_{021}^{(22)}m_{112}^{(10)} + m_{110}^{(00)}m_{012}^{(00)}m_{031}^{(22)} + m_{110}^{(00)}m_{012}^{(00)}m_{022}^{(21)}\\
&-2m_{110}^{(00)}m_{012}^{(00)}m_{013}^{(11)} - 2m_{110}^{(00)}m_{012}^{(10)}m_{112}^{(21)} - m_{110}^{(00)}m_{012}^{(10)}m_{103}^{(11)} + m_{110}^{(00)}m_{012}^{(10)}m_{022}^{(20)}\\
&+2m_{110}^{(00)}m_{012}^{(10)}m_{013}^{(10)} - m_{110}^{(00)}m_{012}^{(11)}m_{211}^{(22)} - m_{110}^{(00)}m_{012}^{(11)}m_{202}^{(21)} + m_{110}^{(00)}m_{012}^{(11)}m_{112}^{(20)}\\
&+m_{110}^{(00)}m_{012}^{(11)}m_{103}^{(10)} - 2m_{110}^{(00)}m_{012}^{(20)}m_{130}^{(22)} + 5m_{110}^{(00)}m_{012}^{(20)}m_{112}^{(11)} - m_{110}^{(00)}m_{012}^{(20)}m_{031}^{(20)}\\
&-2m_{110}^{(00)}m_{012}^{(20)}m_{022}^{(10)} + 2m_{110}^{(00)}m_{012}^{(21)}m_{220}^{(22)} + 4m_{110}^{(00)}m_{012}^{(21)}m_{211}^{(21)} + m_{110}^{(00)}m_{012}^{(21)}m_{202}^{(11)}\\
&-3m_{110}^{(00)}m_{012}^{(21)}m_{121}^{(20)} - 4m_{110}^{(00)}m_{012}^{(21)}m_{112}^{(10)} - 2m_{110}^{(00)}m_{012}^{(22)}m_{220}^{(21)} - 3m_{110}^{(00)}m_{012}^{(22)}m_{211}^{(11)}\\
&+2m_{110}^{(00)}m_{012}^{(22)}m_{130}^{(20)} + 3m_{110}^{(00)}m_{012}^{(22)}m_{121}^{(10)} - m_{110}^{(00)}m_{003}^{(00)}m_{031}^{(21)} + m_{110}^{(00)}m_{003}^{(00)}m_{022}^{(11)}\\
&+m_{110}^{(00)}m_{003}^{(10)}m_{112}^{(11)} - m_{110}^{(00)}m_{003}^{(10)}m_{022}^{(10)} + m_{110}^{(00)}m_{003}^{(11)}m_{211}^{(21)} - m_{110}^{(00)}m_{003}^{(11)}m_{112}^{(10)}\\
&+2m_{110}^{(00)}m_{003}^{(20)}m_{130}^{(21)} - 3m_{110}^{(00)}m_{003}^{(20)}m_{121}^{(11)} + m_{110}^{(00)}m_{003}^{(20)}m_{031}^{(10)} - 2m_{110}^{(00)}m_{003}^{(21)}m_{220}^{(21)}\\
&-m_{110}^{(00)}m_{003}^{(21)}m_{211}^{(11)} + 3m_{110}^{(00)}m_{003}^{(21)}m_{121}^{(10)} + 2m_{110}^{(00)}m_{003}^{(22)}m_{220}^{(11)} - 2m_{110}^{(00)}m_{003}^{(22)}m_{130}^{(10)}\\
&-2m_{110}^{(10)}m_{210}^{(10)}m_{013}^{(22)} + 2m_{110}^{(10)}m_{210}^{(10)}m_{004}^{(21)} + 2m_{110}^{(10)}m_{210}^{(11)}m_{103}^{(22)} - 2m_{110}^{(10)}m_{210}^{(11)}m_{004}^{(20)}\\
&+2m_{110}^{(10)}m_{210}^{(20)}m_{022}^{(22)} - 2m_{110}^{(10)}m_{210}^{(20)}m_{013}^{(21)} - 2m_{110}^{(10)}m_{210}^{(21)}m_{112}^{(22)} - 2m_{110}^{(10)}m_{210}^{(21)}m_{103}^{(21)}\\
&+4m_{110}^{(10)}m_{210}^{(21)}m_{013}^{(20)} + 2m_{110}^{(10)}m_{210}^{(22)}m_{112}^{(21)} - 2m_{110}^{(10)}m_{210}^{(22)}m_{022}^{(20)} + m_{110}^{(10)}m_{210}^{(10)}m_{201}^{(22)}\\
&-m_{110}^{(10)}m_{201}^{(10)}m_{004}^{(11)} - m_{110}^{(10)}m_{201}^{(11)}m_{112}^{(22)} - m_{110}^{(10)}m_{201}^{(11)}m_{103}^{(21)} + m_{110}^{(10)}m_{201}^{(11)}m_{013}^{(20)}\\
&+m_{110}^{(10)}m_{201}^{(11)}m_{004}^{(10)} - m_{110}^{(10)}m_{201}^{(20)}m_{031}^{(22)} + m_{110}^{(10)}m_{201}^{(20)}m_{013}^{(11)} + m_{110}^{(10)}m_{201}^{(21)}m_{121}^{(22)}\\
&+2m_{110}^{(10)}m_{201}^{(21)}m_{112}^{(21)} + m_{110}^{(10)}m_{201}^{(21)}m_{103}^{(11)} - 2m_{110}^{(10)}m_{201}^{(21)}m_{022}^{(20)} - 2m_{110}^{(10)}m_{201}^{(21)}m_{013}^{(10)}
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\begin{aligned}
&-m_{110}^{(10)}m_{201}^{(22)}m_{121}^{(21)} - m_{110}^{(10)}m_{201}^{(22)}m_{112}^{(11)} + m_{110}^{(10)}m_{201}^{(22)}m_{031}^{(20)} + m_{110}^{(10)}m_{201}^{(22)}m_{022}^{(10)}\\
&-2m_{110}^{(10)}m_{120}^{(00)}m_{013}^{(22)} + 2m_{110}^{(10)}m_{120}^{(00)}m_{004}^{(21)} + 2m_{110}^{(10)}m_{120}^{(10)}m_{103}^{(22)} - 2m_{110}^{(10)}m_{120}^{(10)}m_{004}^{(20)}\\
&+2m_{110}^{(10)}m_{120}^{(20)}m_{112}^{(22)} - 4m_{110}^{(10)}m_{120}^{(20)}m_{103}^{(21)} + 2m_{110}^{(10)}m_{120}^{(20)}m_{013}^{(20)} - 2m_{110}^{(10)}m_{120}^{(21)}m_{202}^{(22)}\\
&+2m_{110}^{(10)}m_{120}^{(21)}m_{103}^{(20)} + 2m_{110}^{(10)}m_{120}^{(22)}m_{202}^{(21)} - 2m_{110}^{(10)}m_{120}^{(22)}m_{112}^{(20)} + 3m_{110}^{(10)}m_{111}^{(00)}m_{022}^{(22)}\\
&-2m_{110}^{(10)}m_{111}^{(00)}m_{013}^{(21)} - m_{110}^{(10)}m_{111}^{(00)}m_{004}^{(11)} - 4m_{110}^{(10)}m_{111}^{(10)}m_{103}^{(21)} + 4m_{110}^{(10)}m_{111}^{(10)}m_{013}^{(20)}\\
&-3m_{110}^{(10)}m_{111}^{(11)}m_{202}^{(22)} + 2m_{110}^{(10)}m_{111}^{(11)}m_{103}^{(20)} + m_{110}^{(10)}m_{111}^{(11)}m_{004}^{(00)} - 6m_{110}^{(10)}m_{111}^{(20)}m_{121}^{(22)}\\
&+8m_{110}^{(10)}m_{111}^{(20)}m_{112}^{(21)} + 2m_{110}^{(10)}m_{111}^{(20)}m_{103}^{(11)} - 4m_{110}^{(10)}m_{111}^{(20)}m_{022}^{(20)} + 6m_{110}^{(10)}m_{111}^{(21)}m_{211}^{(22)}\\
&+4m_{110}^{(10)}m_{111}^{(21)}m_{202}^{(21)} - 8m_{110}^{(10)}m_{111}^{(21)}m_{112}^{(20)} - 2m_{110}^{(10)}m_{111}^{(21)}m_{013}^{(00)} - 6m_{110}^{(10)}m_{111}^{(22)}m_{211}^{(21)}\\
&-m_{110}^{(10)}m_{111}^{(22)}m_{202}^{(11)} + 6m_{110}^{(10)}m_{111}^{(22)}m_{121}^{(20)} + m_{110}^{(10)}m_{111}^{(22)}m_{022}^{(00)} - m_{110}^{(10)}m_{102}^{(00)}m_{031}^{(22)}\\
&+m_{110}^{(10)}m_{102}^{(00)}m_{013}^{(11)} + 2m_{110}^{(10)}m_{102}^{(10)}m_{103}^{(11)} - 2m_{110}^{(10)}m_{102}^{(10)}m_{022}^{(20)} + m_{110}^{(10)}m_{102}^{(11)}m_{211}^{(22)}\\
&+2m_{110}^{(10)}m_{102}^{(11)}m_{202}^{(21)} - 2m_{110}^{(10)}m_{102}^{(11)}m_{103}^{(10)} - m_{110}^{(10)}m_{102}^{(11)}m_{013}^{(00)} + 2m_{110}^{(10)}m_{102}^{(20)}m_{130}^{(22)}\\
&-4m_{110}^{(10)}m_{102}^{(20)}m_{112}^{(11)} + 2m_{110}^{(10)}m_{102}^{(20)}m_{031}^{(20)} - 2m_{110}^{(10)}m_{102}^{(21)}m_{220}^{(22)} - 4m_{110}^{(10)}m_{102}^{(21)}m_{211}^{(21)}\\
&-2m_{110}^{(10)}m_{102}^{(21)}m_{202}^{(11)} + 2m_{110}^{(10)}m_{102}^{(21)}m_{121}^{(20)} + 4m_{110}^{(10)}m_{102}^{(21)}m_{112}^{(10)} + 2m_{110}^{(10)}m_{102}^{(21)}m_{022}^{(00)}\\
&+2m_{110}^{(10)}m_{102}^{(22)}m_{220}^{(21)} + 3m_{110}^{(10)}m_{102}^{(22)}m_{211}^{(11)} - 2m_{110}^{(10)}m_{102}^{(22)}m_{130}^{(20)} - 2m_{110}^{(10)}m_{102}^{(22)}m_{121}^{(10)}\\
&-m_{110}^{(10)}m_{102}^{(22)}m_{031}^{(00)} + m_{110}^{(10)}m_{021}^{(00)}m_{112}^{(22)} - m_{110}^{(10)}m_{021}^{(00)}m_{103}^{(21)} + m_{110}^{(10)}m_{021}^{(00)}m_{013}^{(20)}\\
&-m_{110}^{(10)}m_{021}^{(00)}m_{004}^{(10)} - m_{110}^{(10)}m_{021}^{(10)}m_{202}^{(22)} + m_{110}^{(10)}m_{021}^{(10)}m_{004}^{(00)} - m_{110}^{(10)}m_{021}^{(20)}m_{211}^{(22)}\\
&+2m_{110}^{(10)}m_{021}^{(20)}m_{202}^{(21)} - 2m_{110}^{(10)}m_{021}^{(20)}m_{112}^{(20)} + 2m_{110}^{(10)}m_{021}^{(20)}m_{103}^{(10)} - m_{110}^{(10)}m_{021}^{(20)}m_{013}^{(00)}\\
&+m_{110}^{(10)}m_{021}^{(21)}m_{301}^{(22)} - m_{110}^{(10)}m_{021}^{(21)}m_{103}^{(00)} - m_{110}^{(10)}m_{021}^{(22)}m_{301}^{(21)} + m_{110}^{(10)}m_{021}^{(22)}m_{211}^{(20)}\\
&-m_{110}^{(10)}m_{021}^{(22)}m_{202}^{(10)} + m_{110}^{(10)}m_{021}^{(22)}m_{112}^{(00)} - m_{110}^{(10)}m_{012}^{(00)}m_{121}^{(22)} + m_{110}^{(10)}m_{012}^{(00)}m_{103}^{(11)}\\
&-2m_{110}^{(10)}m_{012}^{(00)}m_{022}^{(20)} + 2m_{110}^{(10)}m_{012}^{(00)}m_{013}^{(10)} + 2m_{110}^{(10)}m_{012}^{(10)}m_{202}^{(21)} - 2m_{110}^{(10)}m_{012}^{(10)}m_{013}^{(00)}\\
&+m_{110}^{(10)}m_{012}^{(11)}m_{301}^{(22)} - m_{110}^{(10)}m_{012}^{(11)}m_{103}^{(00)} + 2m_{110}^{(10)}m_{012}^{(20)}m_{220}^{(22)} - 2m_{110}^{(10)}m_{012}^{(20)}m_{211}^{(21)}\\
&-2m_{110}^{(10)}m_{012}^{(20)}m_{202}^{(11)} + 4m_{110}^{(10)}m_{012}^{(20)}m_{121}^{(20)} - 4m_{110}^{(10)}m_{012}^{(20)}m_{112}^{(10)} + 2m_{110}^{(10)}m_{012}^{(20)}m_{022}^{(00)}\\
&-2m_{110}^{(10)}m_{012}^{(21)}m_{310}^{(22)} - 2m_{110}^{(10)}m_{012}^{(21)}m_{301}^{(21)} + 4m_{110}^{(10)}m_{012}^{(21)}m_{112}^{(00)} + 2m_{110}^{(10)}m_{012}^{(22)}m_{310}^{(21)}\\
&+m_{110}^{(10)}m_{012}^{(22)}m_{301}^{(11)} - 2m_{110}^{(10)}m_{012}^{(22)}m_{220}^{(20)} + 2m_{110}^{(10)}m_{012}^{(22)}m_{211}^{(10)} - 3m_{110}^{(10)}m_{012}^{(22)}m_{121}^{(00)}\\
&+m_{110}^{(10)}m_{003}^{(00)}m_{121}^{(21)} - m_{110}^{(10)}m_{003}^{(00)}m_{112}^{(11)} + m_{110}^{(10)}m_{003}^{(00)}m_{031}^{(20)} - m_{110}^{(10)}m_{003}^{(00)}m_{022}^{(10)}\\
&-m_{110}^{(10)}m_{003}^{(10)}m_{202}^{(11)} + m_{110}^{(10)}m_{003}^{(10)}m_{022}^{(00)} - m_{110}^{(10)}m_{003}^{(11)}m_{301}^{(21)} - m_{110}^{(10)}m_{003}^{(11)}m_{211}^{(20)}\\
&+m_{110}^{(10)}m_{003}^{(11)}m_{202}^{(10)} + m_{110}^{(10)}m_{003}^{(11)}m_{112}^{(00)} - 2m_{110}^{(10)}m_{003}^{(20)}m_{220}^{(21)} + 3m_{110}^{(10)}m_{003}^{(20)}m_{211}^{(11)}\\
&-2m_{110}^{(10)}m_{003}^{(20)}m_{130}^{(20)} + 2m_{110}^{(10)}m_{003}^{(20)}m_{121}^{(10)} - m_{110}^{(10)}m_{003}^{(20)}m_{031}^{(00)} + 2m_{110}^{(10)}m_{003}^{(21)}m_{310}^{(21)}\\
&+m_{110}^{(10)}m_{003}^{(21)}m_{301}^{(11)} + 2m_{110}^{(10)}m_{003}^{(21)}m_{220}^{(20)} - 2m_{110}^{(10)}m_{003}^{(21)}m_{211}^{(10)} - 3m_{110}^{(10)}m_{003}^{(21)}m_{121}^{(00)}\\
&-2m_{110}^{(10)}m_{003}^{(22)}m_{310}^{(11)} + 2m_{110}^{(10)}m_{003}^{(22)}m_{130}^{(00)} + m_{110}^{(11)}m_{300}^{(10)}m_{013}^{(22)} - m_{110}^{(11)}m_{300}^{(10)}m_{004}^{(21)}\\
&-m_{110}^{(11)}m_{300}^{(11)}m_{103}^{(22)} + m_{110}^{(11)}m_{300}^{(11)}m_{004}^{(20)} - m_{110}^{(11)}m_{300}^{(20)}m_{022}^{(22)} + m_{110}^{(11)}m_{300}^{(20)}m_{013}^{(21)}\\
&+m_{110}^{(11)}m_{300}^{(21)}m_{112}^{(22)} + m_{110}^{(11)}m_{300}^{(21)}m_{103}^{(21)} - 2m_{110}^{(11)}m_{300}^{(21)}m_{013}^{(20)} - m_{110}^{(11)}m_{300}^{(22)}m_{112}^{(21)}\\
&+m_{110}^{(11)}m_{300}^{(22)}m_{022}^{(20)} + m_{110}^{(11)}m_{210}^{(00)}m_{013}^{(22)} - m_{110}^{(11)}m_{210}^{(00)}m_{004}^{(21)} - m_{110}^{(11)}m_{210}^{(10)}m_{103}^{(22)}\\
&+m_{110}^{(11)}m_{210}^{(10)}m_{004}^{(20)} - m_{110}^{(11)}m_{210}^{(20)}m_{112}^{(22)} + 2m_{110}^{(11)}m_{210}^{(20)}m_{103}^{(21)} - m_{110}^{(11)}m_{210}^{(20)}m_{013}^{(20)}\\
&+m_{110}^{(11)}m_{210}^{(21)}m_{202}^{(22)} - m_{110}^{(11)}m_{210}^{(21)}m_{103}^{(20)} - m_{110}^{(11)}m_{210}^{(22)}m_{202}^{(21)} + m_{110}^{(11)}m_{210}^{(22)}m_{112}^{(20)}\\
&-m_{110}^{(11)}m_{201}^{(00)}m_{022}^{(22)} + m_{110}^{(11)}m_{201}^{(00)}m_{013}^{(21)} - m_{110}^{(11)}m_{201}^{(10)}m_{112}^{(22)} + 2m_{110}^{(11)}m_{201}^{(10)}m_{103}^{(21)}\\
&-2m_{110}^{(11)}m_{201}^{(10)}m_{013}^{(20)} + m_{110}^{(11)}m_{201}^{(10)}m_{004}^{(10)} + 2m_{110}^{(11)}m_{201}^{(11)}m_{202}^{(22)} - m_{110}^{(11)}m_{201}^{(11)}m_{103}^{(20)}\\
&-m_{110}^{(11)}m_{201}^{(11)}m_{004}^{(00)} + 3m_{110}^{(11)}m_{201}^{(20)}m_{121}^{(22)} - 4m_{110}^{(11)}m_{201}^{(20)}m_{112}^{(21)} + 2m_{110}^{(11)}m_{201}^{(20)}m_{022}^{(20)}
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\begin{aligned}
&-m_{110}^{(11)}m_{201}^{(20)}m_{013}^{(10)} - 3m_{110}^{(11)}m_{201}^{(21)}m_{211}^{(22)} - 2m_{110}^{(11)}m_{201}^{(21)}m_{202}^{(21)} + 4m_{110}^{(11)}m_{201}^{(21)}m_{112}^{(20)}\\
&-m_{110}^{(11)}m_{201}^{(21)}m_{103}^{(10)} + 2m_{110}^{(11)}m_{201}^{(21)}m_{013}^{(00)} + 3m_{110}^{(11)}m_{201}^{(22)}m_{211}^{(21)} - 3m_{110}^{(11)}m_{201}^{(22)}m_{121}^{(20)}\\
&+m_{110}^{(11)}m_{201}^{(22)}m_{112}^{(10)} - m_{110}^{(11)}m_{201}^{(22)}m_{022}^{(00)} - m_{110}^{(11)}m_{111}^{(00)}m_{112}^{(22)} + m_{110}^{(11)}m_{111}^{(00)}m_{103}^{(21)}\\
&-m_{110}^{(11)}m_{111}^{(00)}m_{013}^{(20)} + m_{110}^{(11)}m_{111}^{(00)}m_{004}^{(10)} + m_{110}^{(11)}m_{111}^{(10)}m_{202}^{(22)} - m_{110}^{(11)}m_{111}^{(10)}m_{004}^{(00)}\\
&+m_{110}^{(11)}m_{111}^{(20)}m_{211}^{(22)} - 2m_{110}^{(11)}m_{111}^{(20)}m_{202}^{(21)} + 2m_{110}^{(11)}m_{111}^{(20)}m_{112}^{(20)} - 2m_{110}^{(11)}m_{111}^{(20)}m_{103}^{(10)}\\
&+m_{110}^{(11)}m_{111}^{(20)}m_{013}^{(00)} - m_{110}^{(11)}m_{111}^{(21)}m_{301}^{(22)} + m_{110}^{(11)}m_{111}^{(21)}m_{103}^{(00)} + m_{110}^{(11)}m_{111}^{(22)}m_{301}^{(21)}\\
&-m_{110}^{(11)}m_{111}^{(22)}m_{211}^{(20)} + m_{110}^{(11)}m_{111}^{(22)}m_{202}^{(10)} - m_{110}^{(11)}m_{111}^{(22)}m_{112}^{(00)} + m_{110}^{(11)}m_{102}^{(00)}m_{121}^{(22)}\\
&-m_{110}^{(11)}m_{102}^{(00)}m_{112}^{(21)} + m_{110}^{(11)}m_{102}^{(00)}m_{022}^{(20)} - m_{110}^{(11)}m_{102}^{(00)}m_{013}^{(10)} - m_{110}^{(11)}m_{102}^{(10)}m_{202}^{(21)}\\
&+2m_{110}^{(11)}m_{102}^{(10)}m_{112}^{(20)} - 2m_{110}^{(11)}m_{102}^{(10)}m_{103}^{(10)} + m_{110}^{(11)}m_{102}^{(10)}m_{013}^{(00)} - m_{110}^{(11)}m_{102}^{(11)}m_{301}^{(22)}\\
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&-4m_{110}^{(11)}m_{102}^{(20)}m_{121}^{(20)} + 4m_{110}^{(11)}m_{102}^{(20)}m_{112}^{(10)} - m_{110}^{(11)}m_{102}^{(20)}m_{022}^{(00)} + 2m_{110}^{(11)}m_{102}^{(21)}m_{310}^{(22)}\\
&+m_{110}^{(11)}m_{102}^{(21)}m_{301}^{(21)} + 2m_{110}^{(11)}m_{102}^{(21)}m_{202}^{(10)} - 5m_{110}^{(11)}m_{102}^{(21)}m_{112}^{(00)} - 2m_{110}^{(11)}m_{102}^{(22)}m_{310}^{(21)}\\
&+2m_{110}^{(11)}m_{102}^{(22)}m_{220}^{(20)} - 3m_{110}^{(11)}m_{102}^{(22)}m_{211}^{(10)} + 3m_{110}^{(11)}m_{102}^{(22)}m_{121}^{(00)} + m_{110}^{(11)}m_{012}^{(00)}m_{112}^{(20)}\\
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&+2m_{110}^{(11)}m_{012}^{(20)}m_{202}^{(10)} - m_{110}^{(11)}m_{012}^{(20)}m_{112}^{(00)} + m_{110}^{(11)}m_{012}^{(21)}m_{301}^{(20)} - m_{110}^{(11)}m_{012}^{(21)}m_{202}^{(00)}\\
&-m_{110}^{(11)}m_{012}^{(22)}m_{301}^{(10)} + m_{110}^{(11)}m_{012}^{(22)}m_{211}^{(00)} - m_{110}^{(11)}m_{003}^{(00)}m_{121}^{(20)} + m_{110}^{(11)}m_{003}^{(00)}m_{112}^{(10)}\\
&+m_{110}^{(11)}m_{003}^{(10)}m_{202}^{(10)} - m_{110}^{(11)}m_{003}^{(10)}m_{112}^{(00)} + m_{110}^{(11)}m_{003}^{(11)}m_{301}^{(20)} - m_{110}^{(11)}m_{003}^{(11)}m_{202}^{(00)}\\
&+2m_{110}^{(11)}m_{003}^{(20)}m_{220}^{(20)} - 3m_{110}^{(11)}m_{003}^{(20)}m_{211}^{(10)} + m_{110}^{(11)}m_{003}^{(20)}m_{121}^{(00)} - 2m_{110}^{(11)}m_{003}^{(21)}m_{310}^{(20)}\\
&-m_{110}^{(11)}m_{003}^{(21)}m_{301}^{(10)} + 3m_{110}^{(11)}m_{003}^{(21)}m_{211}^{(00)} + 2m_{110}^{(11)}m_{003}^{(22)}m_{310}^{(10)} - 2m_{110}^{(11)}m_{003}^{(22)}m_{220}^{(00)}\\
&+m_{110}^{(20)}m_{210}^{(10)}m_{022}^{(22)} - m_{110}^{(20)}m_{210}^{(10)}m_{004}^{(11)} - m_{110}^{(20)}m_{210}^{(11)}m_{112}^{(22)} - m_{110}^{(20)}m_{210}^{(11)}m_{103}^{(21)}\\
&+m_{110}^{(20)}m_{210}^{(11)}m_{013}^{(20)} + m_{110}^{(20)}m_{210}^{(11)}m_{004}^{(10)} - m_{110}^{(20)}m_{210}^{(20)}m_{031}^{(22)} + m_{110}^{(20)}m_{210}^{(20)}m_{013}^{(11)}\\
&+m_{110}^{(20)}m_{210}^{(21)}m_{121}^{(22)} + 2m_{110}^{(20)}m_{210}^{(21)}m_{112}^{(21)} + m_{110}^{(20)}m_{210}^{(21)}m_{103}^{(11)} - 2m_{110}^{(20)}m_{210}^{(21)}m_{022}^{(20)}\\
&-2m_{110}^{(20)}m_{210}^{(21)}m_{013}^{(10)} - m_{110}^{(20)}m_{210}^{(22)}m_{121}^{(21)} - m_{110}^{(20)}m_{210}^{(22)}m_{112}^{(11)} + m_{110}^{(20)}m_{210}^{(22)}m_{031}^{(20)}\\
&+m_{110}^{(20)}m_{210}^{(22)}m_{022}^{(10)} - 2m_{110}^{(20)}m_{201}^{(10)}m_{022}^{(21)} + 2m_{110}^{(20)}m_{201}^{(10)}m_{013}^{(11)} + 2m_{110}^{(20)}m_{201}^{(11)}m_{112}^{(21)}\\
&-2m_{110}^{(20)}m_{201}^{(11)}m_{013}^{(10)} + 2m_{110}^{(20)}m_{201}^{(20)}m_{031}^{(21)} - 2m_{110}^{(20)}m_{201}^{(20)}m_{022}^{(11)} - 2m_{110}^{(20)}m_{201}^{(21)}m_{121}^{(21)}\\
&-2m_{110}^{(20)}m_{201}^{(21)}m_{112}^{(11)} + 4m_{110}^{(20)}m_{201}^{(21)}m_{022}^{(10)} + 2m_{110}^{(20)}m_{201}^{(22)}m_{121}^{(11)} - 2m_{110}^{(20)}m_{201}^{(22)}m_{031}^{(10)}\\
&+m_{110}^{(20)}m_{120}^{(00)}m_{022}^{(22)} - m_{110}^{(20)}m_{120}^{(00)}m_{004}^{(11)} - 2m_{110}^{(20)}m_{120}^{(10)}m_{112}^{(22)} + 2m_{110}^{(20)}m_{120}^{(10)}m_{004}^{(10)}\\
&+m_{110}^{(20)}m_{120}^{(11)}m_{202}^{(22)} - m_{110}^{(20)}m_{120}^{(11)}m_{004}^{(00)} + 2m_{110}^{(20)}m_{120}^{(20)}m_{103}^{(11)} - 2m_{110}^{(20)}m_{120}^{(20)}m_{013}^{(10)}\\
&-2m_{110}^{(20)}m_{120}^{(21)}m_{103}^{(10)} + 2m_{110}^{(20)}m_{120}^{(21)}m_{013}^{(00)} - m_{110}^{(20)}m_{120}^{(22)}m_{202}^{(11)} + 2m_{110}^{(20)}m_{120}^{(22)}m_{112}^{(10)}\\
&-m_{110}^{(20)}m_{120}^{(22)}m_{022}^{(00)} - m_{110}^{(20)}m_{111}^{(00)}m_{031}^{(22)} - 2m_{110}^{(20)}m_{111}^{(00)}m_{022}^{(21)} + 3m_{110}^{(20)}m_{111}^{(00)}m_{013}^{(11)}\\
&+4m_{110}^{(20)}m_{111}^{(10)}m_{112}^{(21)} - 4m_{110}^{(20)}m_{111}^{(10)}m_{013}^{(10)} + m_{110}^{(20)}m_{111}^{(11)}m_{211}^{(22)} - 2m_{110}^{(20)}m_{111}^{(11)}m_{112}^{(20)}\\
&+m_{110}^{(20)}m_{111}^{(11)}m_{013}^{(00)} + 2m_{110}^{(20)}m_{111}^{(20)}m_{130}^{(22)} - 6m_{110}^{(20)}m_{111}^{(20)}m_{112}^{(11)} + 4m_{110}^{(20)}m_{111}^{(20)}m_{022}^{(10)}\\
&-2m_{110}^{(20)}m_{111}^{(21)}m_{220}^{(22)} - 4m_{110}^{(20)}m_{111}^{(21)}m_{211}^{(21)} + 4m_{110}^{(20)}m_{111}^{(21)}m_{121}^{(20)} + 4m_{110}^{(20)}m_{111}^{(21)}m_{112}^{(10)}\\
&-2m_{110}^{(20)}m_{111}^{(21)}m_{022}^{(00)} + 2m_{110}^{(20)}m_{111}^{(22)}m_{220}^{(21)} + 3m_{110}^{(20)}m_{111}^{(22)}m_{211}^{(11)} - 2m_{110}^{(20)}m_{111}^{(22)}m_{130}^{(20)}\\
&-4m_{110}^{(20)}m_{111}^{(22)}m_{121}^{(10)} + m_{110}^{(20)}m_{111}^{(22)}m_{031}^{(00)} + 2m_{110}^{(20)}m_{102}^{(00)}m_{031}^{(21)} - 2m_{110}^{(20)}m_{102}^{(00)}m_{022}^{(11)}\\
&-2m_{110}^{(20)}m_{102}^{(10)}m_{112}^{(11)} + 2m_{110}^{(20)}m_{102}^{(10)}m_{022}^{(10)} - 2m_{110}^{(20)}m_{102}^{(11)}m_{211}^{(21)} + 2m_{110}^{(20)}m_{102}^{(11)}m_{112}^{(10)}\\
&-4m_{110}^{(20)}m_{102}^{(20)}m_{130}^{(21)} + 6m_{110}^{(20)}m_{102}^{(20)}m_{121}^{(11)} - 2m_{110}^{(20)}m_{102}^{(20)}m_{031}^{(10)} + 4m_{110}^{(20)}m_{102}^{(21)}m_{220}^{(21)}\\
&+2m_{110}^{(20)}m_{102}^{(21)}m_{211}^{(11)} - 6m_{110}^{(20)}m_{102}^{(21)}m_{121}^{(10)} - 4m_{110}^{(20)}m_{102}^{(22)}m_{220}^{(11)} + 4m_{110}^{(20)}m_{102}^{(22)}m_{130}^{(10)}
\end{aligned}
$$

$$
\begin{aligned}
&-m_{110}^{(20)}m_{030}^{(00)}m_{112}^{(22)}+m_{110}^{(20)}m_{030}^{(00)}m_{103}^{(21)}-m_{110}^{(20)}m_{030}^{(00)}m_{013}^{(20)}+m_{110}^{(20)}m_{030}^{(00)}m_{004}^{(10)}\\
&+m_{110}^{(20)}m_{030}^{(10)}m_{202}^{(22)}-m_{110}^{(20)}m_{030}^{(10)}m_{004}^{(00)}+m_{110}^{(20)}m_{030}^{(20)}m_{211}^{(22)}-2m_{110}^{(20)}m_{030}^{(20)}m_{202}^{(21)}\\
&+2m_{110}^{(20)}m_{030}^{(20)}m_{112}^{(20)}-2m_{110}^{(20)}m_{030}^{(20)}m_{103}^{(10)}+m_{110}^{(20)}m_{030}^{(20)}m_{013}^{(00)}-m_{110}^{(20)}m_{030}^{(21)}m_{301}^{(22)}\\
&+m_{110}^{(20)}m_{030}^{(21)}m_{103}^{(00)}+m_{110}^{(20)}m_{030}^{(22)}m_{301}^{(21)}-m_{110}^{(20)}m_{030}^{(22)}m_{211}^{(20)}+m_{110}^{(20)}m_{030}^{(22)}m_{202}^{(10)}\\
&-m_{110}^{(20)}m_{030}^{(22)}m_{112}^{(00)}+m_{110}^{(20)}m_{021}^{(00)}m_{121}^{(22)}-m_{110}^{(20)}m_{021}^{(00)}m_{103}^{(11)}+2m_{110}^{(20)}m_{021}^{(00)}m_{022}^{(20)}\\
&-2m_{110}^{(20)}m_{021}^{(00)}m_{013}^{(10)}-2m_{110}^{(20)}m_{021}^{(10)}m_{202}^{(21)}+2m_{110}^{(20)}m_{021}^{(10)}m_{013}^{(00)}-m_{110}^{(20)}m_{021}^{(11)}m_{301}^{(22)}\\
&+m_{110}^{(20)}m_{021}^{(11)}m_{103}^{(00)}-2m_{110}^{(20)}m_{021}^{(20)}m_{220}^{(22)}+2m_{110}^{(20)}m_{021}^{(20)}m_{211}^{(21)}+2m_{110}^{(20)}m_{021}^{(20)}m_{202}^{(11)}\\
&-4m_{110}^{(20)}m_{021}^{(20)}m_{121}^{(20)}+4m_{110}^{(20)}m_{021}^{(20)}m_{112}^{(10)}-2m_{110}^{(20)}m_{021}^{(20)}m_{022}^{(00)}+2m_{110}^{(20)}m_{021}^{(21)}m_{310}^{(22)}\\
&+2m_{110}^{(20)}m_{021}^{(21)}m_{301}^{(21)}-4m_{110}^{(20)}m_{021}^{(21)}m_{112}^{(00)}-2m_{110}^{(20)}m_{021}^{(22)}m_{310}^{(21)}-m_{110}^{(20)}m_{021}^{(22)}m_{301}^{(11)}\\
&+2m_{110}^{(20)}m_{021}^{(22)}m_{220}^{(20)}-2m_{110}^{(20)}m_{021}^{(22)}m_{211}^{(10)}+3m_{110}^{(20)}m_{021}^{(22)}m_{121}^{(00)}-m_{110}^{(20)}m_{012}^{(00)}m_{121}^{(21)}\\
&+m_{110}^{(20)}m_{012}^{(00)}m_{112}^{(11)}-m_{110}^{(20)}m_{012}^{(00)}m_{031}^{(20)}+m_{110}^{(20)}m_{012}^{(00)}m_{022}^{(10)}+m_{110}^{(20)}m_{012}^{(10)}m_{202}^{(11)}\\
&-m_{110}^{(20)}m_{012}^{(10)}m_{022}^{(00)}+m_{110}^{(20)}m_{012}^{(11)}m_{301}^{(21)}+m_{110}^{(20)}m_{012}^{(11)}m_{211}^{(20)}-m_{110}^{(20)}m_{012}^{(11)}m_{202}^{(10)}\\
&-m_{110}^{(20)}m_{012}^{(11)}m_{112}^{(00)}+2m_{110}^{(20)}m_{012}^{(20)}m_{220}^{(21)}-3m_{110}^{(20)}m_{012}^{(20)}m_{211}^{(11)}+2m_{110}^{(20)}m_{012}^{(20)}m_{130}^{(20)}\\
&-2m_{110}^{(20)}m_{012}^{(20)}m_{121}^{(10)}+m_{110}^{(20)}m_{012}^{(20)}m_{031}^{(00)}-2m_{110}^{(20)}m_{012}^{(21)}m_{310}^{(21)}-m_{110}^{(20)}m_{012}^{(21)}m_{301}^{(11)}\\
&-2m_{110}^{(20)}m_{012}^{(21)}m_{220}^{(20)}+2m_{110}^{(20)}m_{012}^{(21)}m_{211}^{(10)}+3m_{110}^{(20)}m_{012}^{(21)}m_{121}^{(00)}+2m_{110}^{(20)}m_{012}^{(22)}m_{310}^{(11)}\\
&-2m_{110}^{(20)}m_{012}^{(22)}m_{130}^{(00)}-m_{110}^{(21)}m_{300}^{(10)}m_{022}^{(22)}+m_{110}^{(21)}m_{300}^{(10)}m_{013}^{(11)}+m_{110}^{(21)}m_{300}^{(11)}m_{112}^{(22)}\\
&+m_{110}^{(21)}m_{300}^{(11)}m_{103}^{(21)}-m_{110}^{(21)}m_{300}^{(11)}m_{013}^{(20)}-m_{110}^{(21)}m_{300}^{(11)}m_{004}^{(10)}+m_{110}^{(21)}m_{300}^{(20)}m_{031}^{(22)}\\
&-m_{110}^{(21)}m_{300}^{(20)}m_{013}^{(11)}-m_{110}^{(21)}m_{300}^{(21)}m_{121}^{(22)}-2m_{110}^{(21)}m_{300}^{(21)}m_{112}^{(21)}-m_{110}^{(21)}m_{300}^{(21)}m_{103}^{(11)}\\
&+2m_{110}^{(21)}m_{300}^{(21)}m_{022}^{(20)}+2m_{110}^{(21)}m_{300}^{(21)}m_{013}^{(10)}+m_{110}^{(21)}m_{300}^{(22)}m_{121}^{(21)}+m_{110}^{(21)}m_{300}^{(22)}m_{112}^{(11)}\\
&-m_{110}^{(21)}m_{300}^{(22)}m_{031}^{(20)}-m_{110}^{(21)}m_{300}^{(22)}m_{022}^{(10)}-m_{110}^{(21)}m_{210}^{(00)}m_{022}^{(22)}+m_{110}^{(21)}m_{210}^{(00)}m_{004}^{(11)}\\
&+2m_{110}^{(21)}m_{210}^{(10)}m_{112}^{(22)}-2m_{110}^{(21)}m_{210}^{(10)}m_{004}^{(10)}-m_{110}^{(21)}m_{210}^{(11)}m_{202}^{(22)}+m_{110}^{(21)}m_{210}^{(11)}m_{004}^{(00)}\\
&-2m_{110}^{(21)}m_{210}^{(20)}m_{103}^{(11)}+2m_{110}^{(21)}m_{210}^{(20)}m_{013}^{(10)}+2m_{110}^{(21)}m_{210}^{(21)}m_{103}^{(10)}-2m_{110}^{(21)}m_{210}^{(21)}m_{013}^{(00)}\\
&+m_{110}^{(21)}m_{210}^{(22)}m_{202}^{(11)}-2m_{110}^{(21)}m_{210}^{(22)}m_{112}^{(10)}+m_{110}^{(21)}m_{210}^{(22)}m_{022}^{(00)}+m_{110}^{(21)}m_{201}^{(00)}m_{031}^{(22)}\\
&-m_{110}^{(21)}m_{201}^{(00)}m_{013}^{(11)}-2m_{110}^{(21)}m_{201}^{(10)}m_{103}^{(11)}+2m_{110}^{(21)}m_{201}^{(10)}m_{022}^{(20)}-m_{110}^{(21)}m_{201}^{(11)}m_{211}^{(22)}\\
&-2m_{110}^{(21)}m_{201}^{(11)}m_{202}^{(21)}+2m_{110}^{(21)}m_{201}^{(11)}m_{103}^{(10)}+m_{110}^{(21)}m_{201}^{(11)}m_{013}^{(00)}-2m_{110}^{(21)}m_{201}^{(20)}m_{130}^{(22)}\\
&+4m_{110}^{(21)}m_{201}^{(20)}m_{112}^{(11)}-2m_{110}^{(21)}m_{201}^{(20)}m_{031}^{(20)}+2m_{110}^{(21)}m_{201}^{(21)}m_{220}^{(22)}+4m_{110}^{(21)}m_{201}^{(21)}m_{211}^{(21)}\\
&+2m_{110}^{(21)}m_{201}^{(21)}m_{202}^{(11)}-2m_{110}^{(21)}m_{201}^{(21)}m_{121}^{(20)}-4m_{110}^{(21)}m_{201}^{(21)}m_{112}^{(10)}-2m_{110}^{(21)}m_{201}^{(21)}m_{022}^{(00)}\\
&-2m_{110}^{(21)}m_{201}^{(22)}m_{220}^{(21)}-3m_{110}^{(21)}m_{201}^{(22)}m_{211}^{(11)}+2m_{110}^{(21)}m_{201}^{(22)}m_{130}^{(20)}+2m_{110}^{(21)}m_{201}^{(22)}m_{121}^{(10)}\\
&+m_{110}^{(21)}m_{201}^{(22)}m_{031}^{(00)}+m_{110}^{(21)}m_{120}^{(00)}m_{112}^{(22)}-m_{110}^{(21)}m_{120}^{(00)}m_{103}^{(21)}+m_{110}^{(21)}m_{120}^{(00)}m_{013}^{(20)}\\
&-m_{110}^{(21)}m_{120}^{(00)}m_{004}^{(10)}-m_{110}^{(21)}m_{120}^{(10)}m_{202}^{(22)}+m_{110}^{(21)}m_{120}^{(10)}m_{004}^{(00)}-m_{110}^{(21)}m_{120}^{(20)}m_{211}^{(22)}\\
&+2m_{110}^{(21)}m_{120}^{(20)}m_{202}^{(21)}-2m_{110}^{(21)}m_{120}^{(20)}m_{112}^{(20)}+2m_{110}^{(21)}m_{120}^{(20)}m_{103}^{(10)}-m_{110}^{(21)}m_{120}^{(20)}m_{013}^{(00)}\\
&+m_{110}^{(21)}m_{120}^{(21)}m_{301}^{(22)}-m_{110}^{(21)}m_{120}^{(21)}m_{103}^{(00)}-m_{110}^{(21)}m_{120}^{(22)}m_{301}^{(21)}+m_{110}^{(21)}m_{120}^{(22)}m_{211}^{(20)}\\
&-m_{110}^{(21)}m_{120}^{(22)}m_{202}^{(10)}+m_{110}^{(21)}m_{120}^{(22)}m_{112}^{(00)}-m_{110}^{(21)}m_{111}^{(00)}m_{121}^{(22)}+2m_{110}^{(21)}m_{111}^{(00)}m_{112}^{(21)}\\
&-m_{110}^{(21)}m_{111}^{(00)}m_{103}^{(11)}-4m_{110}^{(21)}m_{111}^{(10)}m_{112}^{(20)}+4m_{110}^{(21)}m_{111}^{(10)}m_{103}^{(10)}+m_{110}^{(21)}m_{111}^{(11)}m_{301}^{(22)}\\
&+2m_{110}^{(21)}m_{111}^{(11)}m_{202}^{(20)}-3m_{110}^{(21)}m_{111}^{(11)}m_{103}^{(00)}+2m_{110}^{(21)}m_{111}^{(20)}m_{220}^{(22)}-4m_{110}^{(21)}m_{111}^{(20)}m_{211}^{(21)}\\
&+2m_{110}^{(21)}m_{111}^{(20)}m_{202}^{(11)}+4m_{110}^{(21)}m_{111}^{(20)}m_{121}^{(20)}-4m_{110}^{(21)}m_{111}^{(20)}m_{112}^{(10)}-2m_{110}^{(21)}m_{111}^{(21)}m_{310}^{(22)}\\
&-4m_{110}^{(21)}m_{111}^{(21)}m_{202}^{(10)}+6m_{110}^{(21)}m_{111}^{(21)}m_{112}^{(00)}+2m_{110}^{(21)}m_{111}^{(22)}m_{310}^{(21)}-m_{110}^{(21)}m_{111}^{(22)}m_{301}^{(11)}\\
&-2m_{110}^{(21)}m_{111}^{(22)}m_{220}^{(20)}+4m_{110}^{(21)}m_{111}^{(22)}m_{211}^{(10)}-3m_{110}^{(21)}m_{111}^{(22)}m_{121}^{(00)}-m_{110}^{(21)}m_{102}^{(00)}m_{121}^{(21)}
\end{aligned}
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\begin{aligned}
&+m_{110}^{(21)}m_{102}^{(00)}m_{112}^{(11)} - m_{110}^{(21)}m_{102}^{(00)}m_{031}^{(20)} + m_{110}^{(21)}m_{102}^{(00)}m_{022}^{(10)} + m_{110}^{(21)}m_{102}^{(10)}m_{202}^{(11)}\\
&-m_{110}^{(21)}m_{102}^{(10)}m_{022}^{(00)} + m_{110}^{(21)}m_{102}^{(11)}m_{301}^{(21)} + m_{110}^{(21)}m_{102}^{(11)}m_{211}^{(20)} - m_{110}^{(21)}m_{102}^{(11)}m_{202}^{(10)}\\
&-m_{110}^{(21)}m_{102}^{(11)}m_{112}^{(00)} + 2m_{110}^{(21)}m_{102}^{(20)}m_{220}^{(21)} - 3m_{110}^{(21)}m_{102}^{(20)}m_{211}^{(11)} + 2m_{110}^{(21)}m_{102}^{(20)}m_{130}^{(20)}\\
&-2m_{110}^{(21)}m_{102}^{(20)}m_{121}^{(10)} + m_{110}^{(21)}m_{102}^{(20)}m_{031}^{(00)} - 2m_{110}^{(21)}m_{102}^{(21)}m_{310}^{(21)} - m_{110}^{(21)}m_{102}^{(21)}m_{301}^{(11)}\\
&-2m_{110}^{(21)}m_{102}^{(21)}m_{220}^{(20)} + 2m_{110}^{(21)}m_{102}^{(21)}m_{211}^{(10)} + 3m_{110}^{(21)}m_{102}^{(21)}m_{121}^{(00)} + 2m_{110}^{(21)}m_{102}^{(22)}m_{310}^{(11)}\\
&-2m_{110}^{(21)}m_{102}^{(22)}m_{130}^{(00)} - 2m_{110}^{(21)}m_{021}^{(00)}m_{112}^{(20)} + 2m_{110}^{(21)}m_{021}^{(00)}m_{103}^{(10)} + 2m_{110}^{(21)}m_{021}^{(10)}m_{202}^{(20)}\\
&-2m_{110}^{(21)}m_{021}^{(10)}m_{103}^{(00)} + 2m_{110}^{(21)}m_{021}^{(20)}m_{211}^{(20)} - 4m_{110}^{(21)}m_{021}^{(20)}m_{202}^{(10)} + 2m_{110}^{(21)}m_{021}^{(20)}m_{112}^{(00)}\\
&-2m_{110}^{(21)}m_{021}^{(21)}m_{301}^{(20)} + 2m_{110}^{(21)}m_{021}^{(21)}m_{202}^{(00)} + 2m_{110}^{(21)}m_{021}^{(22)}m_{301}^{(10)} - 2m_{110}^{(21)}m_{021}^{(22)}m_{211}^{(00)}\\
&+2m_{110}^{(21)}m_{012}^{(00)}m_{121}^{(20)} - 2m_{110}^{(21)}m_{012}^{(00)}m_{112}^{(10)} - 2m_{110}^{(21)}m_{012}^{(10)}m_{202}^{(10)} + 2m_{110}^{(21)}m_{012}^{(10)}m_{112}^{(00)}\\
&-2m_{110}^{(21)}m_{012}^{(11)}m_{301}^{(20)} + 2m_{110}^{(21)}m_{012}^{(11)}m_{202}^{(00)} - 4m_{110}^{(21)}m_{012}^{(20)}m_{220}^{(20)} + 6m_{110}^{(21)}m_{012}^{(20)}m_{211}^{(10)}\\
&-2m_{110}^{(21)}m_{012}^{(20)}m_{121}^{(00)} + 4m_{110}^{(21)}m_{012}^{(21)}m_{310}^{(20)} + 2m_{110}^{(21)}m_{012}^{(21)}m_{301}^{(10)} - 6m_{110}^{(21)}m_{012}^{(21)}m_{211}^{(00)}\\
&-4m_{110}^{(21)}m_{012}^{(22)}m_{310}^{(10)} + 4m_{110}^{(21)}m_{012}^{(22)}m_{220}^{(00)} + m_{110}^{(22)}m_{300}^{(10)}m_{022}^{(21)} - m_{110}^{(22)}m_{300}^{(10)}m_{013}^{(11)}\\
&-m_{110}^{(22)}m_{300}^{(11)}m_{112}^{(21)} + m_{110}^{(22)}m_{300}^{(11)}m_{013}^{(10)} - m_{110}^{(22)}m_{300}^{(20)}m_{031}^{(21)} + m_{110}^{(22)}m_{300}^{(20)}m_{022}^{(11)}\\
&+m_{110}^{(22)}m_{300}^{(21)}m_{121}^{(21)} + m_{110}^{(22)}m_{300}^{(21)}m_{112}^{(11)} - 2m_{110}^{(22)}m_{300}^{(21)}m_{022}^{(10)} - m_{110}^{(22)}m_{300}^{(22)}m_{121}^{(11)}\\
&+m_{110}^{(22)}m_{300}^{(22)}m_{031}^{(10)} + m_{110}^{(22)}m_{210}^{(00)}m_{022}^{(21)} - m_{110}^{(22)}m_{210}^{(00)}m_{013}^{(11)} - 2m_{110}^{(22)}m_{210}^{(10)}m_{112}^{(21)}\\
&+m_{110}^{(22)}m_{210}^{(10)}m_{103}^{(11)} - m_{110}^{(22)}m_{210}^{(10)}m_{022}^{(20)} + 2m_{110}^{(22)}m_{210}^{(10)}m_{013}^{(10)} + m_{110}^{(22)}m_{210}^{(11)}m_{202}^{(21)}\\
&+m_{110}^{(22)}m_{210}^{(11)}m_{112}^{(20)} - m_{110}^{(22)}m_{210}^{(11)}m_{103}^{(10)} - m_{110}^{(22)}m_{210}^{(11)}m_{013}^{(00)} + m_{110}^{(22)}m_{210}^{(20)}m_{112}^{(11)}\\
&+m_{110}^{(22)}m_{210}^{(20)}m_{031}^{(20)} - 2m_{110}^{(22)}m_{210}^{(20)}m_{022}^{(10)} - m_{110}^{(22)}m_{210}^{(21)}m_{202}^{(11)} - m_{110}^{(22)}m_{210}^{(21)}m_{121}^{(20)}\\
&+2m_{110}^{(22)}m_{210}^{(21)}m_{022}^{(00)} + m_{110}^{(22)}m_{210}^{(22)}m_{121}^{(10)} - m_{110}^{(22)}m_{210}^{(22)}m_{031}^{(00)} - m_{110}^{(22)}m_{201}^{(00)}m_{031}^{(21)}\\
&+m_{110}^{(22)}m_{201}^{(00)}m_{022}^{(11)} + m_{110}^{(22)}m_{201}^{(10)}m_{112}^{(11)} - m_{110}^{(22)}m_{201}^{(10)}m_{022}^{(10)} + m_{110}^{(22)}m_{201}^{(11)}m_{211}^{(21)}\\
&-m_{110}^{(22)}m_{201}^{(11)}m_{112}^{(10)} + 2m_{110}^{(22)}m_{201}^{(20)}m_{130}^{(21)} - 3m_{110}^{(22)}m_{201}^{(20)}m_{121}^{(11)} + m_{110}^{(22)}m_{201}^{(20)}m_{031}^{(10)}\\
&-2m_{110}^{(22)}m_{201}^{(21)}m_{220}^{(21)} - m_{110}^{(22)}m_{201}^{(21)}m_{211}^{(11)} + 3m_{110}^{(22)}m_{201}^{(21)}m_{121}^{(10)} + 2m_{110}^{(22)}m_{201}^{(22)}m_{220}^{(11)}\\
&-2m_{110}^{(22)}m_{201}^{(22)}m_{130}^{(10)} - m_{110}^{(22)}m_{120}^{(00)}m_{112}^{(21)} + m_{110}^{(22)}m_{120}^{(00)}m_{103}^{(11)} - m_{110}^{(22)}m_{120}^{(00)}m_{022}^{(20)}\\
&+m_{110}^{(22)}m_{120}^{(00)}m_{013}^{(10)} + m_{110}^{(22)}m_{120}^{(10)}m_{202}^{(21)} + 2m_{110}^{(22)}m_{120}^{(10)}m_{112}^{(20)} - 2m_{110}^{(22)}m_{120}^{(10)}m_{103}^{(10)}\\
&-m_{110}^{(22)}m_{120}^{(10)}m_{013}^{(00)} - m_{110}^{(22)}m_{120}^{(11)}m_{202}^{(20)} + m_{110}^{(22)}m_{120}^{(11)}m_{103}^{(00)} + m_{110}^{(22)}m_{120}^{(20)}m_{211}^{(21)}\\
&-2m_{110}^{(22)}m_{120}^{(20)}m_{202}^{(11)} + m_{110}^{(22)}m_{120}^{(20)}m_{022}^{(00)} - m_{110}^{(22)}m_{120}^{(21)}m_{301}^{(21)} + 2m_{110}^{(22)}m_{120}^{(21)}m_{202}^{(10)}\\
&-m_{110}^{(22)}m_{120}^{(21)}m_{112}^{(00)} + m_{110}^{(22)}m_{120}^{(22)}m_{301}^{(11)} - m_{110}^{(22)}m_{120}^{(22)}m_{211}^{(10)} + m_{110}^{(22)}m_{111}^{(00)}m_{121}^{(21)}\\
&-m_{110}^{(22)}m_{111}^{(00)}m_{112}^{(11)} + m_{110}^{(22)}m_{111}^{(00)}m_{031}^{(20)} - m_{110}^{(22)}m_{111}^{(00)}m_{022}^{(10)} - m_{110}^{(22)}m_{111}^{(10)}m_{202}^{(11)}\\
&+m_{110}^{(22)}m_{111}^{(10)}m_{022}^{(00)} - m_{110}^{(22)}m_{111}^{(11)}m_{301}^{(21)} - m_{110}^{(22)}m_{111}^{(11)}m_{211}^{(20)} + m_{110}^{(22)}m_{111}^{(11)}m_{202}^{(10)}\\
&+m_{110}^{(22)}m_{111}^{(11)}m_{112}^{(00)} - 2m_{110}^{(22)}m_{111}^{(20)}m_{220}^{(21)} + 3m_{110}^{(22)}m_{111}^{(20)}m_{211}^{(11)} - 2m_{110}^{(22)}m_{111}^{(20)}m_{130}^{(20)}\\
&+2m_{110}^{(22)}m_{111}^{(20)}m_{121}^{(10)} - m_{110}^{(22)}m_{111}^{(20)}m_{031}^{(00)} + 2m_{110}^{(22)}m_{111}^{(21)}m_{310}^{(21)} + m_{110}^{(22)}m_{111}^{(21)}m_{301}^{(11)}\\
&+2m_{110}^{(22)}m_{111}^{(21)}m_{220}^{(20)} - 2m_{110}^{(22)}m_{111}^{(21)}m_{211}^{(10)} - 3m_{110}^{(22)}m_{111}^{(21)}m_{121}^{(00)} - 2m_{110}^{(22)}m_{111}^{(22)}m_{310}^{(11)}\\
&+2m_{110}^{(22)}m_{111}^{(22)}m_{130}^{(00)} + m_{110}^{(22)}m_{030}^{(00)}m_{112}^{(20)} - m_{110}^{(22)}m_{030}^{(00)}m_{103}^{(10)} - m_{110}^{(22)}m_{030}^{(10)}m_{202}^{(20)}\\
&+m_{110}^{(22)}m_{030}^{(10)}m_{103}^{(00)} - m_{110}^{(22)}m_{030}^{(20)}m_{211}^{(20)} + 2m_{110}^{(22)}m_{030}^{(20)}m_{202}^{(10)} - m_{110}^{(22)}m_{030}^{(20)}m_{112}^{(00)}\\
&+m_{110}^{(22)}m_{030}^{(21)}m_{301}^{(20)} - m_{110}^{(22)}m_{030}^{(21)}m_{202}^{(00)} - m_{110}^{(22)}m_{030}^{(22)}m_{301}^{(10)} + m_{110}^{(22)}m_{030}^{(22)}m_{211}^{(00)}\\
&-m_{110}^{(22)}m_{021}^{(00)}m_{121}^{(20)} + m_{110}^{(22)}m_{021}^{(00)}m_{112}^{(10)} + m_{110}^{(22)}m_{021}^{(10)}m_{202}^{(10)} - m_{110}^{(22)}m_{021}^{(10)}m_{112}^{(00)}\\
&+m_{110}^{(22)}m_{021}^{(11)}m_{301}^{(20)} - m_{110}^{(22)}m_{021}^{(11)}m_{202}^{(00)} + 2m_{110}^{(22)}m_{021}^{(20)}m_{220}^{(20)} - 3m_{110}^{(22)}m_{021}^{(20)}m_{211}^{(10)}\\
&+m_{110}^{(22)}m_{021}^{(20)}m_{121}^{(00)} - 2m_{110}^{(22)}m_{021}^{(21)}m_{310}^{(20)} - m_{110}^{(22)}m_{021}^{(21)}m_{301}^{(10)} + 3m_{110}^{(22)}m_{021}^{(21)}m_{211}^{(00)}
\end{aligned}
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$$+2m_{110}^{(22)}m_{021}^{(22)}m_{310}^{(10)} - 2m_{110}^{(22)}m_{021}^{(22)}m_{220}^{(00)} - m_{101}^{(00)}m_{120}^{(10)}m_{022}^{(22)} + m_{101}^{(00)}m_{120}^{(10)}m_{013}^{(21)}$$
$$+m_{101}^{(00)}m_{120}^{(11)}m_{112}^{(22)} - m_{101}^{(00)}m_{120}^{(11)}m_{013}^{(20)} + m_{101}^{(00)}m_{120}^{(20)}m_{031}^{(22)} - m_{101}^{(00)}m_{120}^{(20)}m_{022}^{(21)}$$
$$-m_{101}^{(00)}m_{120}^{(21)}m_{121}^{(22)} - m_{101}^{(00)}m_{120}^{(21)}m_{112}^{(21)} + 2m_{101}^{(00)}m_{120}^{(21)}m_{022}^{(20)} + m_{101}^{(00)}m_{120}^{(22)}m_{121}^{(21)}$$
$$-m_{101}^{(00)}m_{120}^{(22)}m_{031}^{(20)} + m_{101}^{(00)}m_{111}^{(10)}m_{031}^{(22)} - m_{101}^{(00)}m_{111}^{(10)}m_{013}^{(11)} - m_{101}^{(00)}m_{111}^{(11)}m_{121}^{(22)}$$
$$-m_{101}^{(00)}m_{111}^{(11)}m_{112}^{(21)} + m_{101}^{(00)}m_{111}^{(11)}m_{022}^{(20)} + m_{101}^{(00)}m_{111}^{(11)}m_{013}^{(10)} - m_{101}^{(00)}m_{111}^{(20)}m_{040}^{(22)}$$
$$+m_{101}^{(00)}m_{111}^{(20)}m_{022}^{(11)} + m_{101}^{(00)}m_{111}^{(21)}m_{130}^{(22)} + 2m_{101}^{(00)}m_{111}^{(21)}m_{121}^{(21)} + m_{101}^{(00)}m_{111}^{(21)}m_{112}^{(11)}$$
$$-2m_{101}^{(00)}m_{111}^{(21)}m_{031}^{(20)} - 2m_{101}^{(00)}m_{111}^{(21)}m_{022}^{(10)} - m_{101}^{(00)}m_{111}^{(22)}m_{130}^{(21)} - m_{101}^{(00)}m_{111}^{(22)}m_{121}^{(11)}$$
$$+m_{101}^{(00)}m_{111}^{(22)}m_{040}^{(20)} + m_{101}^{(00)}m_{111}^{(22)}m_{031}^{(10)} - m_{101}^{(00)}m_{102}^{(10)}m_{031}^{(21)} + m_{101}^{(00)}m_{102}^{(10)}m_{022}^{(11)}$$
$$+m_{101}^{(00)}m_{102}^{(11)}m_{121}^{(21)} - m_{101}^{(00)}m_{102}^{(11)}m_{022}^{(10)} + m_{101}^{(00)}m_{102}^{(20)}m_{040}^{(21)} - m_{101}^{(00)}m_{102}^{(20)}m_{031}^{(11)}$$
$$-m_{101}^{(00)}m_{102}^{(21)}m_{130}^{(21)} - m_{101}^{(00)}m_{102}^{(21)}m_{121}^{(11)} + 2m_{101}^{(00)}m_{102}^{(21)}m_{031}^{(10)} + m_{101}^{(00)}m_{102}^{(22)}m_{130}^{(11)}$$
$$-m_{101}^{(00)}m_{102}^{(22)}m_{040}^{(10)} - m_{101}^{(00)}m_{030}^{(00)}m_{022}^{(22)} + m_{101}^{(00)}m_{030}^{(00)}m_{013}^{(21)} + 3m_{101}^{(00)}m_{030}^{(10)}m_{112}^{(22)}$$
$$-2m_{101}^{(00)}m_{030}^{(10)}m_{103}^{(21)} - m_{101}^{(00)}m_{030}^{(10)}m_{013}^{(20)} - 2m_{101}^{(00)}m_{030}^{(11)}m_{202}^{(22)} + 2m_{101}^{(00)}m_{030}^{(11)}m_{103}^{(20)}$$
$$-m_{101}^{(00)}m_{030}^{(20)}m_{121}^{(22)} + m_{101}^{(00)}m_{030}^{(20)}m_{022}^{(20)} + m_{101}^{(00)}m_{030}^{(21)}m_{211}^{(22)} + 2m_{101}^{(00)}m_{030}^{(21)}m_{202}^{(21)}$$
$$-3m_{101}^{(00)}m_{030}^{(21)}m_{112}^{(20)} - m_{101}^{(00)}m_{030}^{(22)}m_{211}^{(21)} + m_{101}^{(00)}m_{030}^{(22)}m_{121}^{(20)} + 2m_{101}^{(00)}m_{021}^{(00)}m_{031}^{(22)}$$
$$-m_{101}^{(00)}m_{021}^{(00)}m_{022}^{(21)} - m_{101}^{(00)}m_{021}^{(00)}m_{013}^{(11)} - 5m_{101}^{(00)}m_{021}^{(10)}m_{121}^{(22)} + 2m_{101}^{(00)}m_{021}^{(10)}m_{103}^{(11)}$$
$$+2m_{101}^{(00)}m_{021}^{(10)}m_{022}^{(20)} + m_{101}^{(00)}m_{021}^{(10)}m_{013}^{(10)} + 3m_{101}^{(00)}m_{021}^{(11)}m_{211}^{(22)} + 2m_{101}^{(00)}m_{021}^{(11)}m_{202}^{(21)}$$
$$-3m_{101}^{(00)}m_{021}^{(11)}m_{112}^{(20)} - 2m_{101}^{(00)}m_{021}^{(11)}m_{103}^{(10)} + m_{101}^{(00)}m_{021}^{(20)}m_{130}^{(22)} + 2m_{101}^{(00)}m_{021}^{(20)}m_{121}^{(21)}$$
$$-2m_{101}^{(00)}m_{021}^{(20)}m_{031}^{(20)} - m_{101}^{(00)}m_{021}^{(20)}m_{022}^{(10)} - m_{101}^{(00)}m_{021}^{(21)}m_{220}^{(22)} - 4m_{101}^{(00)}m_{021}^{(21)}m_{211}^{(21)}$$
$$-2m_{101}^{(00)}m_{021}^{(21)}m_{202}^{(11)} + 4m_{101}^{(00)}m_{021}^{(21)}m_{121}^{(20)} + 3m_{101}^{(00)}m_{021}^{(21)}m_{112}^{(10)} + m_{101}^{(00)}m_{021}^{(22)}m_{220}^{(21)}$$
$$+m_{101}^{(00)}m_{021}^{(22)}m_{211}^{(11)} - m_{101}^{(00)}m_{021}^{(22)}m_{130}^{(20)} - m_{101}^{(00)}m_{021}^{(22)}m_{121}^{(10)} - m_{101}^{(00)}m_{012}^{(00)}m_{040}^{(22)}$$
$$-m_{101}^{(00)}m_{012}^{(00)}m_{031}^{(21)} + 2m_{101}^{(00)}m_{012}^{(00)}m_{022}^{(11)} + 2m_{101}^{(00)}m_{012}^{(10)}m_{130}^{(22)} + 4m_{101}^{(00)}m_{012}^{(10)}m_{121}^{(21)}$$
$$-3m_{101}^{(00)}m_{012}^{(10)}m_{112}^{(11)} - m_{101}^{(00)}m_{012}^{(10)}m_{031}^{(20)} - 2m_{101}^{(00)}m_{012}^{(10)}m_{022}^{(10)} - m_{101}^{(00)}m_{012}^{(11)}m_{220}^{(22)}$$
$$-3m_{101}^{(00)}m_{012}^{(11)}m_{211}^{(21)} + m_{101}^{(00)}m_{012}^{(11)}m_{121}^{(20)} + 3m_{101}^{(00)}m_{012}^{(11)}m_{112}^{(10)} - 2m_{101}^{(00)}m_{012}^{(20)}m_{130}^{(21)}$$
$$-m_{101}^{(00)}m_{012}^{(20)}m_{121}^{(11)} + m_{101}^{(00)}m_{012}^{(20)}m_{040}^{(20)} + 2m_{101}^{(00)}m_{012}^{(20)}m_{031}^{(10)} + 2m_{101}^{(00)}m_{012}^{(21)}m_{220}^{(21)}$$
$$+3m_{101}^{(00)}m_{012}^{(21)}m_{211}^{(11)} - m_{101}^{(00)}m_{012}^{(21)}m_{130}^{(20)} - 4m_{101}^{(00)}m_{012}^{(21)}m_{121}^{(10)} - m_{101}^{(00)}m_{012}^{(22)}m_{220}^{(11)}$$
$$+m_{101}^{(00)}m_{012}^{(22)}m_{130}^{(10)} + m_{101}^{(00)}m_{003}^{(00)}m_{040}^{(21)} - m_{101}^{(00)}m_{003}^{(00)}m_{031}^{(11)} - 2m_{101}^{(00)}m_{003}^{(10)}m_{130}^{(21)}$$
$$+m_{101}^{(00)}m_{003}^{(10)}m_{121}^{(11)} + m_{101}^{(00)}m_{003}^{(10)}m_{031}^{(10)} + m_{101}^{(00)}m_{003}^{(11)}m_{220}^{(21)} - m_{101}^{(00)}m_{003}^{(11)}m_{121}^{(10)}$$
$$+m_{101}^{(00)}m_{003}^{(20)}m_{130}^{(11)} - m_{101}^{(00)}m_{003}^{(20)}m_{040}^{(10)} - m_{101}^{(00)}m_{003}^{(21)}m_{220}^{(11)} + m_{101}^{(00)}m_{003}^{(21)}m_{130}^{(10)}$$
$$+2m_{101}^{(10)}m_{210}^{(10)}m_{022}^{(22)} - 2m_{101}^{(10)}m_{210}^{(10)}m_{013}^{(21)} - 2m_{101}^{(10)}m_{210}^{(11)}m_{112}^{(22)} + 2m_{101}^{(10)}m_{210}^{(11)}m_{013}^{(20)}$$
$$-2m_{101}^{(10)}m_{210}^{(20)}m_{031}^{(22)} + 2m_{101}^{(10)}m_{210}^{(20)}m_{022}^{(21)} + 2m_{101}^{(10)}m_{210}^{(21)}m_{121}^{(22)} + 2m_{101}^{(10)}m_{210}^{(21)}m_{112}^{(21)}$$
$$-4m_{101}^{(10)}m_{210}^{(21)}m_{022}^{(20)} - 2m_{101}^{(10)}m_{210}^{(22)}m_{121}^{(21)} + 2m_{101}^{(10)}m_{210}^{(22)}m_{031}^{(20)} - m_{101}^{(10)}m_{201}^{(10)}m_{031}^{(22)}$$
$$+m_{101}^{(10)}m_{201}^{(10)}m_{013}^{(11)} + m_{101}^{(10)}m_{201}^{(11)}m_{121}^{(22)} + m_{101}^{(10)}m_{201}^{(11)}m_{112}^{(21)} - m_{101}^{(10)}m_{201}^{(11)}m_{022}^{(20)}$$
$$-m_{101}^{(10)}m_{201}^{(11)}m_{013}^{(10)} + m_{101}^{(10)}m_{201}^{(20)}m_{040}^{(22)} - m_{101}^{(10)}m_{201}^{(20)}m_{022}^{(11)} - m_{101}^{(10)}m_{201}^{(21)}m_{130}^{(22)}$$
$$-2m_{101}^{(10)}m_{201}^{(21)}m_{121}^{(21)} - m_{101}^{(10)}m_{201}^{(21)}m_{112}^{(11)} + 2m_{101}^{(10)}m_{201}^{(21)}m_{031}^{(20)} + 2m_{101}^{(10)}m_{201}^{(21)}m_{022}^{(10)}$$
$$+m_{101}^{(10)}m_{201}^{(22)}m_{130}^{(21)} + m_{101}^{(10)}m_{201}^{(22)}m_{121}^{(11)} - m_{101}^{(10)}m_{201}^{(22)}m_{040}^{(20)} - m_{101}^{(10)}m_{201}^{(22)}m_{031}^{(10)}$$
$$+2m_{101}^{(10)}m_{120}^{(00)}m_{022}^{(22)} - 2m_{101}^{(10)}m_{120}^{(00)}m_{013}^{(21)} - 6m_{101}^{(10)}m_{120}^{(10)}m_{112}^{(22)} + 4m_{101}^{(10)}m_{120}^{(10)}m_{103}^{(21)}$$
$$+2m_{101}^{(10)}m_{120}^{(10)}m_{013}^{(20)} + 4m_{101}^{(10)}m_{120}^{(11)}m_{202}^{(22)} - 4m_{101}^{(10)}m_{120}^{(11)}m_{103}^{(20)} + 2m_{101}^{(10)}m_{120}^{(20)}m_{121}^{(22)}$$
$$-2m_{101}^{(10)}m_{120}^{(20)}m_{022}^{(20)} - 2m_{101}^{(10)}m_{120}^{(21)}m_{211}^{(22)} - 4m_{101}^{(10)}m_{120}^{(21)}m_{202}^{(21)} + 6m_{101}^{(10)}m_{120}^{(21)}m_{112}^{(20)}$$

$$
\begin{aligned}
&+2m_{101}^{(10)}m_{120}^{(22)}m_{211}^{(21)} - 2m_{101}^{(10)}m_{120}^{(22)}m_{121}^{(20)} - 3m_{101}^{(10)}m_{111}^{(00)}m_{031}^{(22)} + 2m_{101}^{(10)}m_{111}^{(00)}m_{022}^{(21)}\\
&+m_{101}^{(10)}m_{111}^{(00)}m_{013}^{(11)} + 6m_{101}^{(10)}m_{111}^{(10)}m_{121}^{(22)} - 2m_{101}^{(10)}m_{111}^{(10)}m_{103}^{(11)} - 4m_{101}^{(10)}m_{111}^{(10)}m_{022}^{(20)}\\
&-3m_{101}^{(10)}m_{111}^{(11)}m_{211}^{(22)} - 2m_{101}^{(10)}m_{111}^{(11)}m_{202}^{(21)} + 4m_{101}^{(10)}m_{111}^{(11)}m_{112}^{(20)} + 2m_{101}^{(10)}m_{111}^{(11)}m_{103}^{(10)}\\
&-m_{101}^{(10)}m_{111}^{(11)}m_{013}^{(00)} - 4m_{101}^{(10)}m_{111}^{(20)}m_{121}^{(21)} + 4m_{101}^{(10)}m_{111}^{(20)}m_{031}^{(20)} + 4m_{101}^{(10)}m_{111}^{(21)}m_{211}^{(21)}\\
&+2m_{101}^{(10)}m_{111}^{(21)}m_{202}^{(11)} - 4m_{101}^{(10)}m_{111}^{(21)}m_{121}^{(20)} - 4m_{101}^{(10)}m_{111}^{(21)}m_{112}^{(10)} + 2m_{101}^{(10)}m_{111}^{(21)}m_{022}^{(00)}\\
&-m_{101}^{(10)}m_{111}^{(22)}m_{211}^{(11)} + 2m_{101}^{(10)}m_{111}^{(22)}m_{121}^{(10)} - m_{101}^{(10)}m_{111}^{(22)}m_{031}^{(00)} + m_{101}^{(10)}m_{102}^{(00)}m_{040}^{(22)}\\
&-m_{101}^{(10)}m_{102}^{(00)}m_{022}^{(11)} - 2m_{101}^{(10)}m_{102}^{(10)}m_{130}^{(22)} + 2m_{101}^{(10)}m_{102}^{(10)}m_{031}^{(20)} + m_{101}^{(10)}m_{102}^{(11)}m_{220}^{(22)}\\
&-2m_{101}^{(10)}m_{102}^{(11)}m_{121}^{(20)} + m_{101}^{(10)}m_{102}^{(11)}m_{022}^{(00)} + 2m_{101}^{(10)}m_{102}^{(20)}m_{121}^{(11)} - 2m_{101}^{(10)}m_{102}^{(20)}m_{040}^{(20)}\\
&+2m_{101}^{(10)}m_{102}^{(21)}m_{130}^{(20)} - 2m_{101}^{(10)}m_{102}^{(21)}m_{031}^{(00)} - m_{101}^{(10)}m_{102}^{(22)}m_{220}^{(11)} + m_{101}^{(10)}m_{102}^{(22)}m_{040}^{(00)}\\
&-m_{101}^{(10)}m_{021}^{(00)}m_{121}^{(22)} + m_{101}^{(10)}m_{021}^{(00)}m_{112}^{(21)} - m_{101}^{(10)}m_{021}^{(00)}m_{022}^{(20)} + m_{101}^{(10)}m_{021}^{(00)}m_{013}^{(10)}\\
&+3m_{101}^{(10)}m_{021}^{(10)}m_{211}^{(22)} - 2m_{101}^{(10)}m_{021}^{(10)}m_{202}^{(21)} + 2m_{101}^{(10)}m_{021}^{(10)}m_{112}^{(20)} - 2m_{101}^{(10)}m_{021}^{(10)}m_{103}^{(10)}\\
&-m_{101}^{(10)}m_{021}^{(10)}m_{013}^{(00)} - 2m_{101}^{(10)}m_{021}^{(11)}m_{301}^{(22)} + 2m_{101}^{(10)}m_{021}^{(11)}m_{103}^{(00)} - m_{101}^{(10)}m_{021}^{(20)}m_{220}^{(22)}\\
&+m_{101}^{(10)}m_{021}^{(20)}m_{022}^{(00)} + m_{101}^{(10)}m_{021}^{(21)}m_{310}^{(22)} + 2m_{101}^{(10)}m_{021}^{(21)}m_{301}^{(21)} - 2m_{101}^{(10)}m_{021}^{(21)}m_{211}^{(20)}\\
&+2m_{101}^{(10)}m_{021}^{(21)}m_{202}^{(10)} - 3m_{101}^{(10)}m_{021}^{(21)}m_{112}^{(00)} - m_{101}^{(10)}m_{021}^{(22)}m_{310}^{(21)} + m_{101}^{(10)}m_{021}^{(22)}m_{220}^{(20)}\\
&-m_{101}^{(10)}m_{021}^{(22)}m_{211}^{(10)} + m_{101}^{(10)}m_{021}^{(22)}m_{121}^{(00)} + m_{101}^{(10)}m_{012}^{(00)}m_{130}^{(22)} - m_{101}^{(10)}m_{012}^{(00)}m_{112}^{(11)}\\
&+2m_{101}^{(10)}m_{012}^{(00)}m_{031}^{(20)} - 2m_{101}^{(10)}m_{012}^{(00)}m_{022}^{(10)} - 2m_{101}^{(10)}m_{012}^{(10)}m_{220}^{(22)} - 2m_{101}^{(10)}m_{012}^{(10)}m_{211}^{(21)}\\
&+2m_{101}^{(10)}m_{012}^{(10)}m_{202}^{(11)} - 4m_{101}^{(10)}m_{012}^{(10)}m_{121}^{(20)} + 4m_{101}^{(10)}m_{012}^{(10)}m_{112}^{(10)} + 2m_{101}^{(10)}m_{012}^{(10)}m_{022}^{(00)}\\
&+m_{101}^{(10)}m_{012}^{(11)}m_{310}^{(22)} + 2m_{101}^{(10)}m_{012}^{(11)}m_{301}^{(21)} + 2m_{101}^{(10)}m_{012}^{(11)}m_{211}^{(20)} - 2m_{101}^{(10)}m_{012}^{(11)}m_{202}^{(10)}\\
&-3m_{101}^{(10)}m_{012}^{(11)}m_{112}^{(00)} + 2m_{101}^{(10)}m_{012}^{(20)}m_{220}^{(21)} - 2m_{101}^{(10)}m_{012}^{(20)}m_{031}^{(00)} - 2m_{101}^{(10)}m_{012}^{(21)}m_{310}^{(21)}\\
&-2m_{101}^{(10)}m_{012}^{(21)}m_{301}^{(11)} + 4m_{101}^{(10)}m_{012}^{(21)}m_{121}^{(00)} + m_{101}^{(10)}m_{012}^{(22)}m_{310}^{(11)} - m_{101}^{(10)}m_{012}^{(22)}m_{130}^{(00)}\\
&-m_{101}^{(10)}m_{003}^{(00)}m_{130}^{(21)} + m_{101}^{(10)}m_{003}^{(00)}m_{121}^{(11)} - m_{101}^{(10)}m_{003}^{(00)}m_{040}^{(20)} + m_{101}^{(10)}m_{003}^{(00)}m_{031}^{(10)}\\
&+2m_{101}^{(10)}m_{003}^{(10)}m_{220}^{(21)} - m_{101}^{(10)}m_{003}^{(10)}m_{211}^{(11)} + 2m_{101}^{(10)}m_{003}^{(10)}m_{130}^{(20)} - 2m_{101}^{(10)}m_{003}^{(10)}m_{121}^{(10)}\\
&-m_{101}^{(10)}m_{003}^{(10)}m_{031}^{(00)} - m_{101}^{(10)}m_{003}^{(11)}m_{310}^{(21)} - m_{101}^{(10)}m_{003}^{(11)}m_{220}^{(20)} + m_{101}^{(10)}m_{003}^{(11)}m_{211}^{(10)}\\
&+m_{101}^{(10)}m_{003}^{(11)}m_{121}^{(00)} - m_{101}^{(10)}m_{003}^{(20)}m_{220}^{(11)} + m_{101}^{(10)}m_{003}^{(20)}m_{040}^{(00)} + m_{101}^{(10)}m_{003}^{(21)}m_{310}^{(11)}\\
&-m_{101}^{(10)}m_{003}^{(21)}m_{130}^{(00)} - m_{101}^{(11)}m_{300}^{(10)}m_{022}^{(22)} + m_{101}^{(11)}m_{300}^{(10)}m_{013}^{(21)} + m_{101}^{(11)}m_{300}^{(11)}m_{112}^{(22)}\\
&-m_{101}^{(11)}m_{300}^{(11)}m_{013}^{(20)} + m_{101}^{(11)}m_{300}^{(20)}m_{031}^{(22)} - m_{101}^{(11)}m_{300}^{(20)}m_{022}^{(21)} - m_{101}^{(11)}m_{300}^{(21)}m_{121}^{(22)}\\
&-m_{101}^{(11)}m_{300}^{(21)}m_{112}^{(21)} + 2m_{101}^{(11)}m_{300}^{(21)}m_{022}^{(20)} + m_{101}^{(11)}m_{300}^{(22)}m_{121}^{(21)} - m_{101}^{(11)}m_{300}^{(22)}m_{031}^{(20)}\\
&-m_{101}^{(11)}m_{210}^{(00)}m_{022}^{(22)} + m_{101}^{(11)}m_{210}^{(00)}m_{013}^{(21)} + 3m_{101}^{(11)}m_{210}^{(10)}m_{112}^{(22)} - 2m_{101}^{(11)}m_{210}^{(10)}m_{103}^{(21)}\\
&-m_{101}^{(11)}m_{210}^{(10)}m_{013}^{(20)} - 2m_{101}^{(11)}m_{210}^{(11)}m_{202}^{(22)} + 2m_{101}^{(11)}m_{210}^{(11)}m_{103}^{(20)} - m_{101}^{(11)}m_{210}^{(20)}m_{121}^{(22)}\\
&+m_{101}^{(11)}m_{210}^{(20)}m_{022}^{(20)} + m_{101}^{(11)}m_{210}^{(21)}m_{211}^{(22)} + 2m_{101}^{(11)}m_{210}^{(21)}m_{202}^{(21)} - 3m_{101}^{(11)}m_{210}^{(21)}m_{112}^{(20)}\\
&-m_{101}^{(11)}m_{210}^{(22)}m_{211}^{(21)} + m_{101}^{(11)}m_{210}^{(22)}m_{121}^{(20)} + m_{101}^{(11)}m_{201}^{(00)}m_{031}^{(22)} - m_{101}^{(11)}m_{201}^{(00)}m_{022}^{(21)}\\
&-m_{101}^{(11)}m_{201}^{(10)}m_{121}^{(22)} + 2m_{101}^{(11)}m_{201}^{(10)}m_{022}^{(20)} - m_{101}^{(11)}m_{201}^{(10)}m_{013}^{(10)} - m_{101}^{(11)}m_{201}^{(11)}m_{112}^{(20)}\\
&+m_{101}^{(11)}m_{201}^{(11)}m_{013}^{(00)} - m_{101}^{(11)}m_{201}^{(20)}m_{130}^{(22)} + 2m_{101}^{(11)}m_{201}^{(20)}m_{121}^{(21)} - 2m_{101}^{(11)}m_{201}^{(20)}m_{031}^{(20)}\\
&+m_{101}^{(11)}m_{201}^{(20)}m_{022}^{(10)} + m_{101}^{(11)}m_{201}^{(21)}m_{220}^{(22)} + m_{101}^{(11)}m_{201}^{(21)}m_{112}^{(10)} - 2m_{101}^{(11)}m_{201}^{(21)}m_{022}^{(00)}\\
&-m_{101}^{(11)}m_{201}^{(22)}m_{220}^{(21)} + m_{101}^{(11)}m_{201}^{(22)}m_{130}^{(20)} - m_{101}^{(11)}m_{201}^{(22)}m_{121}^{(10)} + m_{101}^{(11)}m_{201}^{(22)}m_{031}^{(00)}\\
&+m_{101}^{(11)}m_{111}^{(00)}m_{121}^{(22)} - m_{101}^{(11)}m_{111}^{(00)}m_{112}^{(21)} + m_{101}^{(11)}m_{111}^{(00)}m_{022}^{(20)} - m_{101}^{(11)}m_{111}^{(00)}m_{013}^{(10)}\\
&-3m_{101}^{(11)}m_{111}^{(10)}m_{211}^{(22)} + 2m_{101}^{(11)}m_{111}^{(10)}m_{202}^{(21)} - 2m_{101}^{(11)}m_{111}^{(10)}m_{112}^{(20)} + 2m_{101}^{(11)}m_{111}^{(10)}m_{103}^{(10)}\\
&+m_{101}^{(11)}m_{111}^{(10)}m_{013}^{(00)} + 2m_{101}^{(11)}m_{111}^{(11)}m_{301}^{(22)} - 2m_{101}^{(11)}m_{111}^{(11)}m_{103}^{(00)} + m_{101}^{(11)}m_{111}^{(20)}m_{220}^{(22)}
\end{aligned}
$$

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\begin{aligned}
&-m^{(11)}_{101}m^{(20)}_{111}m^{(00)}_{022} - m^{(11)}_{101}m^{(21)}_{111}m^{(22)}_{310} - 2m^{(11)}_{101}m^{(21)}_{111}m^{(21)}_{301} + 2m^{(11)}_{101}m^{(21)}_{111}m^{(20)}_{211}\\
&-2m^{(11)}_{101}m^{(21)}_{111}m^{(10)}_{202} + 3m^{(11)}_{101}m^{(21)}_{111}m^{(00)}_{112} + m^{(11)}_{101}m^{(22)}_{111}m^{(21)}_{310} - m^{(11)}_{101}m^{(22)}_{111}m^{(20)}_{220}\\
&+m^{(11)}_{101}m^{(22)}_{111}m^{(10)}_{211} - m^{(11)}_{101}m^{(22)}_{111}m^{(00)}_{121} - m^{(11)}_{101}m^{(00)}_{102}m^{(22)}_{130} + m^{(11)}_{101}m^{(00)}_{102}m^{(21)}_{121}\\
&-m^{(11)}_{101}m^{(00)}_{102}m^{(20)}_{031} + m^{(11)}_{101}m^{(00)}_{102}m^{(10)}_{022} + 2m^{(11)}_{101}m^{(10)}_{102}m^{(22)}_{220} - m^{(11)}_{101}m^{(10)}_{102}m^{(21)}_{211}\\
&-m^{(11)}_{101}m^{(10)}_{102}m^{(00)}_{022} - m^{(11)}_{101}m^{(11)}_{102}m^{(22)}_{310} + m^{(11)}_{101}m^{(11)}_{102}m^{(20)}_{211} - m^{(11)}_{101}m^{(20)}_{102}m^{(21)}_{220}\\
&+2m^{(11)}_{101}m^{(20)}_{102}m^{(20)}_{130} - 2m^{(11)}_{101}m^{(20)}_{102}m^{(10)}_{121} + m^{(11)}_{101}m^{(20)}_{102}m^{(00)}_{031} + m^{(11)}_{101}m^{(21)}_{102}m^{(21)}_{310}\\
&-2m^{(11)}_{101}m^{(21)}_{102}m^{(20)}_{220} + m^{(11)}_{101}m^{(21)}_{102}m^{(00)}_{121} + m^{(11)}_{101}m^{(22)}_{102}m^{(10)}_{220} - m^{(11)}_{101}m^{(22)}_{102}m^{(00)}_{130}\\
&-m^{(11)}_{101}m^{(00)}_{012}m^{(20)}_{121} + m^{(11)}_{101}m^{(00)}_{012}m^{(10)}_{112} + 3m^{(11)}_{101}m^{(10)}_{012}m^{(20)}_{211} - 2m^{(11)}_{101}m^{(10)}_{012}m^{(10)}_{202}\\
&-m^{(11)}_{101}m^{(10)}_{012}m^{(00)}_{112} - 2m^{(11)}_{101}m^{(11)}_{012}m^{(20)}_{301} + 2m^{(11)}_{101}m^{(11)}_{012}m^{(00)}_{202} - m^{(11)}_{101}m^{(20)}_{012}m^{(20)}_{220}\\
&+m^{(11)}_{101}m^{(20)}_{012}m^{(00)}_{121} + m^{(11)}_{101}m^{(21)}_{012}m^{(20)}_{310} + 2m^{(11)}_{101}m^{(21)}_{012}m^{(10)}_{301} - 3m^{(11)}_{101}m^{(21)}_{012}m^{(00)}_{211}\\
&-m^{(11)}_{101}m^{(22)}_{012}m^{(10)}_{310} + m^{(11)}_{101}m^{(22)}_{012}m^{(00)}_{220} + m^{(11)}_{101}m^{(00)}_{003}m^{(20)}_{130} - m^{(11)}_{101}m^{(00)}_{003}m^{(10)}_{121}\\
&-2m^{(11)}_{101}m^{(10)}_{003}m^{(20)}_{220} + m^{(11)}_{101}m^{(10)}_{003}m^{(10)}_{211} + m^{(11)}_{101}m^{(10)}_{003}m^{(00)}_{121} + m^{(11)}_{101}m^{(11)}_{003}m^{(20)}_{310}\\
&-m^{(11)}_{101}m^{(11)}_{003}m^{(00)}_{211} + m^{(11)}_{101}m^{(20)}_{003}m^{(10)}_{220} - m^{(11)}_{101}m^{(20)}_{003}m^{(00)}_{130} - m^{(11)}_{101}m^{(21)}_{003}m^{(10)}_{310}\\
&+m^{(11)}_{101}m^{(21)}_{003}m^{(00)}_{220} - m^{(20)}_{101}m^{(10)}_{210}m^{(22)}_{031} + m^{(20)}_{101}m^{(10)}_{210}m^{(11)}_{013} + m^{(20)}_{101}m^{(11)}_{210}m^{(22)}_{121}\\
&+m^{(20)}_{101}m^{(11)}_{210}m^{(21)}_{112} - m^{(20)}_{101}m^{(11)}_{210}m^{(20)}_{022} - m^{(20)}_{101}m^{(11)}_{210}m^{(10)}_{013} + m^{(20)}_{101}m^{(20)}_{210}m^{(22)}_{040}\\
&-m^{(20)}_{101}m^{(20)}_{210}m^{(11)}_{022} - m^{(20)}_{101}m^{(21)}_{210}m^{(22)}_{130} - 2m^{(20)}_{101}m^{(21)}_{210}m^{(21)}_{121} - m^{(20)}_{101}m^{(21)}_{210}m^{(11)}_{112}\\
&+2m^{(20)}_{101}m^{(21)}_{210}m^{(20)}_{031} + 2m^{(20)}_{101}m^{(21)}_{210}m^{(10)}_{022} + m^{(20)}_{101}m^{(22)}_{210}m^{(21)}_{130} + m^{(20)}_{101}m^{(22)}_{210}m^{(11)}_{121}\\
&-m^{(20)}_{101}m^{(22)}_{210}m^{(20)}_{040} - m^{(20)}_{101}m^{(22)}_{210}m^{(10)}_{031} + 2m^{(20)}_{101}m^{(20)}_{201}m^{(21)}_{031} - 2m^{(20)}_{101}m^{(20)}_{201}m^{(11)}_{022}\\
&-2m^{(20)}_{101}m^{(11)}_{201}m^{(21)}_{121} + 2m^{(20)}_{101}m^{(11)}_{201}m^{(10)}_{022} - 2m^{(20)}_{101}m^{(20)}_{201}m^{(21)}_{040} + 2m^{(20)}_{101}m^{(20)}_{201}m^{(11)}_{031}\\
&+2m^{(20)}_{101}m^{(21)}_{201}m^{(21)}_{130} + 2m^{(20)}_{101}m^{(21)}_{201}m^{(11)}_{121} - 4m^{(20)}_{101}m^{(21)}_{201}m^{(10)}_{031} - 2m^{(20)}_{101}m^{(22)}_{201}m^{(11)}_{130}\\
&+2m^{(20)}_{101}m^{(22)}_{201}m^{(10)}_{040} - m^{(20)}_{101}m^{(00)}_{120}m^{(22)}_{031} + m^{(20)}_{101}m^{(00)}_{120}m^{(11)}_{013} + 4m^{(20)}_{101}m^{(10)}_{120}m^{(22)}_{121}\\
&-2m^{(20)}_{101}m^{(10)}_{120}m^{(11)}_{103} - 2m^{(20)}_{101}m^{(10)}_{120}m^{(10)}_{013} - 3m^{(20)}_{101}m^{(11)}_{120}m^{(22)}_{211} - 2m^{(20)}_{101}m^{(11)}_{120}m^{(21)}_{202}\\
&+2m^{(20)}_{101}m^{(11)}_{120}m^{(20)}_{112} + 2m^{(20)}_{101}m^{(11)}_{120}m^{(10)}_{103} + m^{(20)}_{101}m^{(11)}_{120}m^{(00)}_{013} - 2m^{(20)}_{101}m^{(20)}_{120}m^{(22)}_{130}\\
&+2m^{(20)}_{101}m^{(20)}_{120}m^{(10)}_{022} + 2m^{(20)}_{101}m^{(21)}_{120}m^{(22)}_{220} + 4m^{(20)}_{101}m^{(21)}_{120}m^{(21)}_{211} + 2m^{(20)}_{101}m^{(21)}_{120}m^{(11)}_{202}\\
&-4m^{(20)}_{101}m^{(21)}_{120}m^{(20)}_{121} - 2m^{(20)}_{101}m^{(21)}_{120}m^{(10)}_{112} - 2m^{(20)}_{101}m^{(21)}_{120}m^{(00)}_{022} - 2m^{(20)}_{101}m^{(22)}_{120}m^{(21)}_{220}\\
&-m^{(20)}_{101}m^{(22)}_{120}m^{(11)}_{211} + 2m^{(20)}_{101}m^{(22)}_{120}m^{(20)}_{130} + m^{(20)}_{101}m^{(22)}_{120}m^{(00)}_{031} + m^{(20)}_{101}m^{(00)}_{111}m^{(22)}_{040}\\
&+2m^{(20)}_{101}m^{(00)}_{111}m^{(21)}_{031} - 3m^{(20)}_{101}m^{(00)}_{111}m^{(11)}_{022} - 2m^{(20)}_{101}m^{(10)}_{111}m^{(22)}_{130} - 8m^{(20)}_{101}m^{(10)}_{111}m^{(21)}_{121}\\
&+6m^{(20)}_{101}m^{(10)}_{111}m^{(11)}_{112} + 4m^{(20)}_{101}m^{(10)}_{111}m^{(10)}_{022} + m^{(20)}_{101}m^{(11)}_{111}m^{(22)}_{220} + 6m^{(20)}_{101}m^{(11)}_{111}m^{(21)}_{211}\\
&-6m^{(20)}_{101}m^{(11)}_{111}m^{(10)}_{112} - m^{(20)}_{101}m^{(11)}_{111}m^{(00)}_{022} + 4m^{(20)}_{101}m^{(20)}_{111}m^{(21)}_{130} - 4m^{(20)}_{101}m^{(20)}_{111}m^{(10)}_{031}\\
&-4m^{(20)}_{101}m^{(21)}_{111}m^{(21)}_{220} - 6m^{(20)}_{101}m^{(21)}_{111}m^{(11)}_{211} + 8m^{(20)}_{101}m^{(21)}_{111}m^{(10)}_{121} + 2m^{(20)}_{101}m^{(21)}_{111}m^{(00)}_{031}\\
&+3m^{(20)}_{101}m^{(22)}_{111}m^{(11)}_{220} - 2m^{(20)}_{101}m^{(22)}_{111}m^{(10)}_{130} - m^{(20)}_{101}m^{(22)}_{111}m^{(00)}_{040} - 2m^{(20)}_{101}m^{(00)}_{102}m^{(21)}_{040}\\
&+2m^{(20)}_{101}m^{(00)}_{102}m^{(11)}_{031} + 4m^{(20)}_{101}m^{(10)}_{102}m^{(21)}_{130} - 2m^{(20)}_{101}m^{(10)}_{102}m^{(11)}_{121} - 2m^{(20)}_{101}m^{(10)}_{102}m^{(10)}_{031}\\
&-2m^{(20)}_{101}m^{(11)}_{102}m^{(21)}_{220} + 2m^{(20)}_{101}m^{(11)}_{102}m^{(10)}_{121} - 2m^{(20)}_{101}m^{(20)}_{102}m^{(11)}_{130} + 2m^{(20)}_{101}m^{(20)}_{102}m^{(10)}_{040}\\
&+2m^{(20)}_{101}m^{(21)}_{102}m^{(11)}_{220} - 2m^{(20)}_{101}m^{(21)}_{102}m^{(10)}_{130} + m^{(20)}_{101}m^{(00)}_{030}m^{(22)}_{121} - m^{(20)}_{101}m^{(00)}_{030}m^{(21)}_{112}\\
&+m^{(20)}_{101}m^{(00)}_{030}m^{(20)}_{022} - m^{(20)}_{101}m^{(00)}_{030}m^{(10)}_{013} - 3m^{(20)}_{101}m^{(10)}_{030}m^{(22)}_{211} + 2m^{(20)}_{101}m^{(10)}_{030}m^{(21)}_{202}\\
&-2m^{(20)}_{101}m^{(10)}_{030}m^{(20)}_{112} + 2m^{(20)}_{101}m^{(10)}_{030}m^{(10)}_{103} + m^{(20)}_{101}m^{(10)}_{030}m^{(00)}_{013} + 2m^{(20)}_{101}m^{(11)}_{030}m^{(22)}_{301}\\
&-2m^{(20)}_{101}m^{(11)}_{030}m^{(00)}_{103} + m^{(20)}_{101}m^{(20)}_{030}m^{(22)}_{220} - m^{(20)}_{101}m^{(20)}_{030}m^{(00)}_{022} - m^{(20)}_{101}m^{(21)}_{030}m^{(22)}_{310}\\
&-2m^{(20)}_{101}m^{(21)}_{030}m^{(21)}_{301} + 2m^{(20)}_{101}m^{(21)}_{030}m^{(20)}_{211} - 2m^{(20)}_{101}m^{(21)}_{030}m^{(10)}_{202} + 3m^{(20)}_{101}m^{(21)}_{030}m^{(00)}_{112}
\end{aligned}
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\begin{aligned}
&+m_{101}^{(20)}m_{030}^{(22)}m_{310}^{(21)} - m_{101}^{(20)}m_{030}^{(22)}m_{220}^{(20)} + m_{101}^{(20)}m_{030}^{(22)}m_{211}^{(10)} - m_{101}^{(20)}m_{030}^{(22)}m_{121}^{(00)}\\
&-m_{101}^{(20)}m_{021}^{(00)}m_{130}^{(22)} + m_{101}^{(20)}m_{021}^{(00)}m_{112}^{(11)} - 2m_{101}^{(20)}m_{021}^{(00)}m_{031}^{(20)} + 2m_{101}^{(20)}m_{021}^{(00)}m_{022}^{(10)}\\
&+2m_{101}^{(20)}m_{021}^{(10)}m_{220}^{(22)} + 2m_{101}^{(20)}m_{021}^{(10)}m_{211}^{(21)} - 2m_{101}^{(20)}m_{021}^{(10)}m_{202}^{(11)} + 4m_{101}^{(20)}m_{021}^{(10)}m_{121}^{(20)}\\
&-4m_{101}^{(20)}m_{021}^{(10)}m_{112}^{(10)} - 2m_{101}^{(20)}m_{021}^{(10)}m_{022}^{(00)} - m_{101}^{(20)}m_{021}^{(11)}m_{310}^{(22)} - 2m_{101}^{(20)}m_{021}^{(11)}m_{301}^{(21)}\\
&-2m_{101}^{(20)}m_{021}^{(11)}m_{211}^{(20)} + 2m_{101}^{(20)}m_{021}^{(11)}m_{202}^{(10)} + 3m_{101}^{(20)}m_{021}^{(11)}m_{112}^{(00)} - 2m_{101}^{(20)}m_{021}^{(20)}m_{220}^{(21)}\\
&+2m_{101}^{(20)}m_{021}^{(20)}m_{031}^{(00)} + 2m_{101}^{(20)}m_{021}^{(21)}m_{310}^{(21)} + 2m_{101}^{(20)}m_{021}^{(21)}m_{301}^{(11)} - 4m_{101}^{(20)}m_{021}^{(21)}m_{121}^{(00)}\\
&-m_{101}^{(20)}m_{021}^{(22)}m_{310}^{(11)} + m_{101}^{(20)}m_{021}^{(22)}m_{130}^{(00)} + m_{101}^{(20)}m_{012}^{(00)}m_{130}^{(21)} - m_{101}^{(20)}m_{012}^{(00)}m_{121}^{(11)}\\
&+m_{101}^{(20)}m_{012}^{(00)}m_{040}^{(20)} - m_{101}^{(20)}m_{012}^{(00)}m_{031}^{(10)} - 2m_{101}^{(20)}m_{012}^{(10)}m_{220}^{(21)} + m_{101}^{(20)}m_{012}^{(10)}m_{211}^{(11)}\\
&-2m_{101}^{(20)}m_{012}^{(10)}m_{130}^{(20)} + 2m_{101}^{(20)}m_{012}^{(10)}m_{121}^{(10)} + m_{101}^{(20)}m_{012}^{(10)}m_{031}^{(00)} + m_{101}^{(20)}m_{012}^{(11)}m_{310}^{(21)}\\
&+m_{101}^{(20)}m_{012}^{(11)}m_{220}^{(20)} - m_{101}^{(20)}m_{012}^{(11)}m_{211}^{(10)} - m_{101}^{(20)}m_{012}^{(11)}m_{121}^{(00)} + m_{101}^{(20)}m_{012}^{(20)}m_{220}^{(11)}\\
&-m_{101}^{(20)}m_{012}^{(20)}m_{040}^{(00)} - m_{101}^{(20)}m_{012}^{(21)}m_{310}^{(11)} + m_{101}^{(20)}m_{012}^{(21)}m_{130}^{(00)} + m_{101}^{(21)}m_{300}^{(10)}m_{031}^{(22)}\\
&-m_{101}^{(21)}m_{300}^{(10)}m_{013}^{(11)} - m_{101}^{(21)}m_{300}^{(11)}m_{121}^{(22)} - m_{101}^{(21)}m_{300}^{(11)}m_{112}^{(21)} + m_{101}^{(21)}m_{300}^{(11)}m_{022}^{(20)}\\
&+m_{101}^{(21)}m_{300}^{(11)}m_{013}^{(10)} - m_{101}^{(21)}m_{300}^{(20)}m_{040}^{(22)} + m_{101}^{(21)}m_{300}^{(20)}m_{022}^{(11)} + m_{101}^{(21)}m_{300}^{(21)}m_{130}^{(22)}\\
&+2m_{101}^{(21)}m_{300}^{(21)}m_{121}^{(21)} + m_{101}^{(21)}m_{300}^{(21)}m_{112}^{(11)} - 2m_{101}^{(21)}m_{300}^{(21)}m_{031}^{(20)} - 2m_{101}^{(21)}m_{300}^{(21)}m_{022}^{(10)}\\
&-m_{101}^{(21)}m_{300}^{(22)}m_{130}^{(21)} - m_{101}^{(21)}m_{300}^{(22)}m_{121}^{(11)} + m_{101}^{(21)}m_{300}^{(22)}m_{040}^{(20)} + m_{101}^{(21)}m_{300}^{(22)}m_{031}^{(10)}\\
&+m_{101}^{(21)}m_{210}^{(00)}m_{031}^{(22)} - m_{101}^{(21)}m_{210}^{(00)}m_{013}^{(11)} - 4m_{101}^{(21)}m_{210}^{(10)}m_{121}^{(22)} + 2m_{101}^{(21)}m_{210}^{(10)}m_{103}^{(11)}\\
&+2m_{101}^{(21)}m_{210}^{(10)}m_{013}^{(10)} + 3m_{101}^{(21)}m_{210}^{(11)}m_{211}^{(22)} + 2m_{101}^{(21)}m_{210}^{(11)}m_{202}^{(21)} - 2m_{101}^{(21)}m_{210}^{(11)}m_{112}^{(20)}\\
&-2m_{101}^{(21)}m_{210}^{(11)}m_{103}^{(10)} - m_{101}^{(21)}m_{210}^{(11)}m_{013}^{(00)} + 2m_{101}^{(21)}m_{210}^{(20)}m_{130}^{(22)} - 2m_{101}^{(21)}m_{210}^{(20)}m_{022}^{(10)}\\
&-2m_{101}^{(21)}m_{210}^{(21)}m_{220}^{(22)} - 4m_{101}^{(21)}m_{210}^{(21)}m_{211}^{(21)} - 2m_{101}^{(21)}m_{210}^{(21)}m_{202}^{(11)} + 4m_{101}^{(21)}m_{210}^{(21)}m_{121}^{(20)}\\
&+2m_{101}^{(21)}m_{210}^{(21)}m_{112}^{(10)} + 2m_{101}^{(21)}m_{210}^{(21)}m_{022}^{(00)} + 2m_{101}^{(21)}m_{210}^{(22)}m_{220}^{(21)} + m_{101}^{(21)}m_{210}^{(22)}m_{211}^{(11)}\\
&-2m_{101}^{(21)}m_{210}^{(22)}m_{130}^{(20)} - m_{101}^{(21)}m_{210}^{(22)}m_{031}^{(00)} - m_{101}^{(21)}m_{201}^{(00)}m_{040}^{(22)} + m_{101}^{(21)}m_{201}^{(00)}m_{022}^{(11)}\\
&+2m_{101}^{(21)}m_{201}^{(10)}m_{130}^{(22)} - 2m_{101}^{(21)}m_{201}^{(10)}m_{031}^{(20)} - m_{101}^{(21)}m_{201}^{(11)}m_{220}^{(22)} + 2m_{101}^{(21)}m_{201}^{(11)}m_{121}^{(20)}\\
&-m_{101}^{(21)}m_{201}^{(11)}m_{022}^{(00)} - 2m_{101}^{(21)}m_{201}^{(20)}m_{121}^{(11)} + 2m_{101}^{(21)}m_{201}^{(20)}m_{040}^{(20)} - 2m_{101}^{(21)}m_{201}^{(21)}m_{130}^{(20)}\\
&+2m_{101}^{(21)}m_{201}^{(21)}m_{031}^{(00)} + m_{101}^{(21)}m_{201}^{(22)}m_{220}^{(11)} - m_{101}^{(21)}m_{201}^{(22)}m_{040}^{(00)} - m_{101}^{(21)}m_{120}^{(00)}m_{121}^{(22)}\\
&+m_{101}^{(21)}m_{120}^{(00)}m_{112}^{(21)} - m_{101}^{(21)}m_{120}^{(00)}m_{022}^{(20)} + m_{101}^{(21)}m_{120}^{(00)}m_{013}^{(10)} + 3m_{101}^{(21)}m_{120}^{(10)}m_{211}^{(22)}\\
&-2m_{101}^{(21)}m_{120}^{(10)}m_{202}^{(21)} + 2m_{101}^{(21)}m_{120}^{(10)}m_{112}^{(20)} - 2m_{101}^{(21)}m_{120}^{(10)}m_{103}^{(10)} - m_{101}^{(21)}m_{120}^{(10)}m_{013}^{(00)}\\
&-2m_{101}^{(21)}m_{120}^{(11)}m_{301}^{(22)} + 2m_{101}^{(21)}m_{120}^{(11)}m_{103}^{(00)} - m_{101}^{(21)}m_{120}^{(20)}m_{220}^{(22)} + m_{101}^{(21)}m_{120}^{(20)}m_{022}^{(00)}\\
&+m_{101}^{(21)}m_{120}^{(21)}m_{310}^{(22)} + 2m_{101}^{(21)}m_{120}^{(21)}m_{301}^{(21)} - 2m_{101}^{(21)}m_{120}^{(21)}m_{211}^{(20)} + 2m_{101}^{(21)}m_{120}^{(21)}m_{202}^{(10)}\\
&-3m_{101}^{(21)}m_{120}^{(21)}m_{112}^{(00)} - m_{101}^{(21)}m_{120}^{(22)}m_{310}^{(21)} + m_{101}^{(21)}m_{120}^{(22)}m_{220}^{(20)} - m_{101}^{(21)}m_{120}^{(22)}m_{211}^{(10)}\\
&+m_{101}^{(21)}m_{120}^{(22)}m_{121}^{(00)} + m_{101}^{(21)}m_{111}^{(00)}m_{130}^{(22)} - 2m_{101}^{(21)}m_{111}^{(00)}m_{121}^{(21)} + m_{101}^{(21)}m_{111}^{(00)}m_{112}^{(11)}\\
&-2m_{101}^{(21)}m_{111}^{(10)}m_{220}^{(22)} + 4m_{101}^{(21)}m_{111}^{(10)}m_{211}^{(21)} - 2m_{101}^{(21)}m_{111}^{(10)}m_{202}^{(11)} + 4m_{101}^{(21)}m_{111}^{(10)}m_{121}^{(20)}\\
&-4m_{101}^{(21)}m_{111}^{(10)}m_{112}^{(10)} + m_{101}^{(21)}m_{111}^{(11)}m_{310}^{(22)} - 2m_{101}^{(21)}m_{111}^{(11)}m_{301}^{(21)} - 4m_{101}^{(21)}m_{111}^{(11)}m_{211}^{(20)}\\
&+2m_{101}^{(21)}m_{111}^{(11)}m_{202}^{(10)} + 3m_{101}^{(21)}m_{111}^{(11)}m_{112}^{(00)} - 4m_{101}^{(21)}m_{111}^{(20)}m_{130}^{(20)} + 4m_{101}^{(21)}m_{111}^{(20)}m_{121}^{(10)}\\
&+2m_{101}^{(21)}m_{111}^{(21)}m_{301}^{(11)} + 4m_{101}^{(21)}m_{111}^{(21)}m_{220}^{(20)} - 6m_{101}^{(21)}m_{111}^{(21)}m_{121}^{(00)} - m_{101}^{(21)}m_{111}^{(22)}m_{310}^{(11)}\\
&-2m_{101}^{(21)}m_{111}^{(22)}m_{220}^{(10)} + 3m_{101}^{(21)}m_{111}^{(22)}m_{130}^{(00)} + m_{101}^{(21)}m_{102}^{(00)}m_{130}^{(21)} - m_{101}^{(21)}m_{102}^{(00)}m_{121}^{(11)}\\
&+m_{101}^{(21)}m_{102}^{(00)}m_{040}^{(20)} - m_{101}^{(21)}m_{102}^{(00)}m_{031}^{(10)} - 2m_{101}^{(21)}m_{102}^{(10)}m_{220}^{(21)} + m_{101}^{(21)}m_{102}^{(10)}m_{211}^{(11)}\\
&-2m_{101}^{(21)}m_{102}^{(10)}m_{130}^{(20)} + 2m_{101}^{(21)}m_{102}^{(10)}m_{121}^{(10)} + m_{101}^{(21)}m_{102}^{(10)}m_{031}^{(00)} + m_{101}^{(21)}m_{102}^{(11)}m_{310}^{(21)}\\
&+m_{101}^{(21)}m_{102}^{(11)}m_{220}^{(20)} - m_{101}^{(21)}m_{102}^{(11)}m_{211}^{(10)} - m_{101}^{(21)}m_{102}^{(11)}m_{121}^{(00)} + m_{101}^{(21)}m_{102}^{(20)}m_{220}^{(11)}
\end{aligned}
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\begin{aligned}
&-m_{101}^{(21)}m_{102}^{(20)}m_{040}^{(00)} - m_{101}^{(21)}m_{102}^{(21)}m_{310}^{(11)} + m_{101}^{(21)}m_{102}^{(21)}m_{130}^{(00)} + 2m_{101}^{(21)}m_{021}^{(00)}m_{121}^{(20)}\\
&-2m_{101}^{(21)}m_{021}^{(00)}m_{112}^{(10)} - 6m_{101}^{(21)}m_{021}^{(10)}m_{211}^{(20)} + 4m_{101}^{(21)}m_{021}^{(10)}m_{202}^{(10)} + 2m_{101}^{(21)}m_{021}^{(10)}m_{112}^{(00)}\\
&+4m_{101}^{(21)}m_{021}^{(11)}m_{301}^{(20)} - 4m_{101}^{(21)}m_{021}^{(11)}m_{202}^{(00)} + 2m_{101}^{(21)}m_{021}^{(20)}m_{220}^{(20)} - 2m_{101}^{(21)}m_{021}^{(20)}m_{121}^{(00)}\\
&-2m_{101}^{(21)}m_{021}^{(21)}m_{310}^{(20)} - 4m_{101}^{(21)}m_{021}^{(21)}m_{301}^{(10)} + 6m_{101}^{(21)}m_{021}^{(21)}m_{211}^{(00)} + 2m_{101}^{(21)}m_{021}^{(22)}m_{310}^{(10)}\\
&-2m_{101}^{(21)}m_{021}^{(22)}m_{220}^{(00)} - 2m_{101}^{(21)}m_{012}^{(00)}m_{130}^{(20)} + 2m_{101}^{(21)}m_{012}^{(00)}m_{121}^{(10)} + 4m_{101}^{(21)}m_{012}^{(10)}m_{220}^{(20)}\\
&-2m_{101}^{(21)}m_{012}^{(10)}m_{211}^{(10)} - 2m_{101}^{(21)}m_{012}^{(10)}m_{121}^{(00)} - 2m_{101}^{(21)}m_{012}^{(11)}m_{310}^{(20)} + 2m_{101}^{(21)}m_{012}^{(11)}m_{211}^{(00)}\\
&-2m_{101}^{(21)}m_{012}^{(20)}m_{220}^{(10)} + 2m_{101}^{(21)}m_{012}^{(20)}m_{130}^{(00)} + 2m_{101}^{(21)}m_{012}^{(21)}m_{310}^{(10)} - 2m_{101}^{(21)}m_{012}^{(21)}m_{220}^{(00)}\\
&-m_{101}^{(22)}m_{300}^{(10)}m_{031}^{(21)} + m_{101}^{(22)}m_{300}^{(10)}m_{022}^{(11)} + m_{101}^{(22)}m_{300}^{(11)}m_{121}^{(21)} - m_{101}^{(22)}m_{300}^{(11)}m_{022}^{(10)}\\
&+m_{101}^{(22)}m_{300}^{(20)}m_{040}^{(21)} - m_{101}^{(22)}m_{300}^{(20)}m_{031}^{(11)} - m_{101}^{(22)}m_{300}^{(21)}m_{130}^{(21)} - m_{101}^{(22)}m_{300}^{(21)}m_{121}^{(11)}\\
&+2m_{101}^{(22)}m_{300}^{(21)}m_{031}^{(10)} + m_{101}^{(22)}m_{300}^{(22)}m_{130}^{(11)} - m_{101}^{(22)}m_{300}^{(22)}m_{040}^{(10)} - m_{101}^{(22)}m_{210}^{(00)}m_{031}^{(21)}\\
&+m_{101}^{(22)}m_{210}^{(00)}m_{022}^{(11)} + 4m_{101}^{(22)}m_{210}^{(10)}m_{121}^{(21)} - 3m_{101}^{(22)}m_{210}^{(10)}m_{112}^{(11)} + m_{101}^{(22)}m_{210}^{(10)}m_{031}^{(20)}\\
&-2m_{101}^{(22)}m_{210}^{(10)}m_{022}^{(10)} - 3m_{101}^{(22)}m_{210}^{(11)}m_{211}^{(21)} - m_{101}^{(22)}m_{210}^{(11)}m_{121}^{(20)} + 3m_{101}^{(22)}m_{210}^{(11)}m_{112}^{(10)}\\
&+m_{101}^{(22)}m_{210}^{(11)}m_{022}^{(00)} - 2m_{101}^{(22)}m_{210}^{(20)}m_{130}^{(21)} + m_{101}^{(22)}m_{210}^{(20)}m_{121}^{(11)} - m_{101}^{(22)}m_{210}^{(20)}m_{040}^{(20)}\\
&+2m_{101}^{(22)}m_{210}^{(20)}m_{031}^{(10)} + 2m_{101}^{(22)}m_{210}^{(21)}m_{220}^{(21)} + 3m_{101}^{(22)}m_{210}^{(21)}m_{211}^{(11)} + m_{101}^{(22)}m_{210}^{(21)}m_{130}^{(20)}\\
&-4m_{101}^{(22)}m_{210}^{(21)}m_{121}^{(10)} - 2m_{101}^{(22)}m_{210}^{(21)}m_{031}^{(00)} - 2m_{101}^{(22)}m_{210}^{(22)}m_{220}^{(11)} + m_{101}^{(22)}m_{210}^{(22)}m_{130}^{(10)}\\
&+m_{101}^{(22)}m_{210}^{(22)}m_{040}^{(00)} + m_{101}^{(22)}m_{201}^{(00)}m_{040}^{(21)} - m_{101}^{(22)}m_{201}^{(00)}m_{031}^{(11)} - 2m_{101}^{(22)}m_{201}^{(10)}m_{201}^{(21)}m_{130}\\
&+m_{101}^{(22)}m_{201}^{(10)}m_{121}^{(11)} + m_{101}^{(22)}m_{201}^{(10)}m_{031}^{(10)} + m_{101}^{(22)}m_{201}^{(11)}m_{220}^{(21)} - m_{101}^{(22)}m_{201}^{(11)}m_{121}^{(10)}\\
&+m_{101}^{(22)}m_{201}^{(20)}m_{130}^{(11)} - m_{101}^{(22)}m_{201}^{(20)}m_{040}^{(10)} - m_{101}^{(22)}m_{201}^{(21)}m_{220}^{(11)} + m_{101}^{(22)}m_{201}^{(21)}m_{130}^{(10)}\\
&+m_{101}^{(22)}m_{120}^{(00)}m_{121}^{(21)} - m_{101}^{(22)}m_{120}^{(00)}m_{112}^{(11)} + m_{101}^{(22)}m_{120}^{(00)}m_{031}^{(20)} - m_{101}^{(22)}m_{120}^{(00)}m_{022}^{(10)}\\
&-3m_{101}^{(22)}m_{120}^{(10)}m_{211}^{(21)} + 2m_{101}^{(22)}m_{120}^{(10)}m_{202}^{(11)} - 4m_{101}^{(22)}m_{120}^{(10)}m_{121}^{(20)} + 4m_{101}^{(22)}m_{120}^{(10)}m_{112}^{(10)}\\
&+m_{101}^{(22)}m_{120}^{(10)}m_{022}^{(00)} + 2m_{101}^{(22)}m_{120}^{(11)}m_{301}^{(21)} + 3m_{101}^{(22)}m_{120}^{(11)}m_{211}^{(20)} - 2m_{101}^{(22)}m_{120}^{(11)}m_{202}^{(10)}\\
&-3m_{101}^{(22)}m_{120}^{(11)}m_{112}^{(00)} + m_{101}^{(22)}m_{120}^{(20)}m_{220}^{(21)} + 2m_{101}^{(22)}m_{120}^{(20)}m_{130}^{(20)} - 2m_{101}^{(22)}m_{120}^{(20)}m_{121}^{(10)}\\
&-m_{101}^{(22)}m_{120}^{(20)}m_{031}^{(00)} - m_{101}^{(22)}m_{120}^{(21)}m_{310}^{(21)} - 2m_{101}^{(22)}m_{120}^{(21)}m_{301}^{(11)} - 2m_{101}^{(22)}m_{120}^{(21)}m_{220}^{(20)}\\
&+5m_{101}^{(22)}m_{120}^{(21)}m_{121}^{(00)} + m_{101}^{(22)}m_{120}^{(22)}m_{310}^{(11)} + m_{101}^{(22)}m_{120}^{(22)}m_{220}^{(10)} - 2m_{101}^{(22)}m_{120}^{(22)}m_{130}^{(00)}\\
&-m_{101}^{(22)}m_{111}^{(00)}m_{130}^{(21)} + m_{101}^{(22)}m_{111}^{(00)}m_{121}^{(11)} - m_{101}^{(22)}m_{111}^{(00)}m_{040}^{(20)} + m_{101}^{(22)}m_{111}^{(00)}m_{031}^{(10)}\\
&+2m_{101}^{(22)}m_{111}^{(10)}m_{220}^{(21)} - m_{101}^{(22)}m_{111}^{(10)}m_{211}^{(11)} + 2m_{101}^{(22)}m_{111}^{(10)}m_{130}^{(20)} - 2m_{101}^{(22)}m_{111}^{(10)}m_{121}^{(10)}\\
&-m_{101}^{(22)}m_{111}^{(10)}m_{031}^{(00)} - m_{101}^{(22)}m_{111}^{(11)}m_{310}^{(21)} - m_{101}^{(22)}m_{111}^{(11)}m_{220}^{(20)} + m_{101}^{(22)}m_{111}^{(11)}m_{211}^{(10)}\\
&+m_{101}^{(22)}m_{111}^{(11)}m_{121}^{(00)} - m_{101}^{(22)}m_{111}^{(20)}m_{220}^{(11)} + m_{101}^{(22)}m_{111}^{(20)}m_{040}^{(00)} + m_{101}^{(22)}m_{111}^{(21)}m_{310}^{(11)}\\
&-m_{101}^{(22)}m_{111}^{(21)}m_{130}^{(00)} - m_{101}^{(22)}m_{030}^{(00)}m_{121}^{(20)} + m_{101}^{(22)}m_{030}^{(00)}m_{112}^{(10)} + 3m_{101}^{(22)}m_{030}^{(10)}m_{211}^{(20)}\\
&-2m_{101}^{(22)}m_{030}^{(10)}m_{202}^{(10)} - m_{101}^{(22)}m_{030}^{(10)}m_{112}^{(00)} - 2m_{101}^{(22)}m_{030}^{(11)}m_{301}^{(20)} + 2m_{101}^{(22)}m_{030}^{(11)}m_{202}^{(00)}\\
&-m_{101}^{(22)}m_{030}^{(20)}m_{220}^{(20)} + m_{101}^{(22)}m_{030}^{(20)}m_{121}^{(00)} + m_{101}^{(22)}m_{030}^{(21)}m_{310}^{(20)} + 2m_{101}^{(22)}m_{030}^{(21)}m_{301}^{(10)}\\
&-3m_{101}^{(22)}m_{030}^{(21)}m_{211}^{(00)} - m_{101}^{(22)}m_{030}^{(22)}m_{310}^{(10)} + m_{101}^{(22)}m_{030}^{(22)}m_{220}^{(00)} + m_{101}^{(22)}m_{021}^{(00)}m_{130}^{(20)}\\
&-m_{101}^{(22)}m_{021}^{(00)}m_{121}^{(10)} - 2m_{101}^{(22)}m_{021}^{(10)}m_{220}^{(20)} + m_{101}^{(22)}m_{021}^{(10)}m_{211}^{(10)} + m_{101}^{(22)}m_{021}^{(10)}m_{121}^{(00)}\\
&+m_{101}^{(22)}m_{021}^{(11)}m_{310}^{(20)} - m_{101}^{(22)}m_{021}^{(11)}m_{211}^{(00)} + m_{101}^{(22)}m_{021}^{(20)}m_{220}^{(10)} - m_{101}^{(22)}m_{021}^{(20)}m_{130}^{(00)}\\
&-m_{101}^{(22)}m_{021}^{(21)}m_{310}^{(10)} + m_{101}^{(22)}m_{021}^{(21)}m_{220}^{(00)} - m_{020}^{(00)}m_{120}^{(00)}m_{013}^{(22)} + m_{020}^{(00)}m_{120}^{(00)}m_{004}^{(21)}\\
&+m_{020}^{(00)}m_{120}^{(10)}m_{103}^{(22)} - m_{020}^{(00)}m_{120}^{(10)}m_{004}^{(20)} + m_{020}^{(00)}m_{120}^{(20)}m_{112}^{(22)} - 2m_{020}^{(00)}m_{120}^{(20)}m_{103}^{(21)}\\
&+m_{020}^{(00)}m_{120}^{(20)}m_{013}^{(20)} - m_{020}^{(00)}m_{120}^{(21)}m_{202}^{(22)} + m_{020}^{(00)}m_{120}^{(21)}m_{103}^{(20)} + m_{020}^{(00)}m_{120}^{(22)}m_{202}^{(21)}\\
&-m_{020}^{(00)}m_{120}^{(22)}m_{112}^{(20)} + m_{020}^{(00)}m_{111}^{(00)}m_{022}^{(22)} - m_{020}^{(00)}m_{111}^{(00)}m_{004}^{(11)} - m_{020}^{(00)}m_{111}^{(10)}m_{112}^{(22)}
\end{aligned}
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\begin{aligned}
&-m_{020}^{(00)}m_{111}^{(10)}m_{103}^{(21)}+m_{020}^{(00)}m_{111}^{(10)}m_{013}^{(20)}+m_{020}^{(00)}m_{111}^{(10)}m_{004}^{(10)}-m_{020}^{(00)}m_{111}^{(20)}m_{121}^{(22)}\\
&+m_{020}^{(00)}m_{111}^{(20)}m_{112}^{(21)}+2m_{020}^{(00)}m_{111}^{(20)}m_{103}^{(11)}-m_{020}^{(00)}m_{111}^{(20)}m_{022}^{(20)}-m_{020}^{(00)}m_{111}^{(20)}m_{013}^{(10)}\\
&+m_{020}^{(00)}m_{111}^{(21)}m_{211}^{(22)}+m_{020}^{(00)}m_{111}^{(21)}m_{202}^{(21)}-m_{020}^{(00)}m_{111}^{(21)}m_{112}^{(20)}-m_{020}^{(00)}m_{111}^{(21)}m_{103}^{(10)}\\
&-m_{020}^{(00)}m_{111}^{(22)}m_{211}^{(21)}-m_{020}^{(00)}m_{111}^{(22)}m_{202}^{(11)}+m_{020}^{(00)}m_{111}^{(22)}m_{121}^{(20)}+m_{020}^{(00)}m_{111}^{(22)}m_{112}^{(10)}\\
&-m_{020}^{(00)}m_{102}^{(00)}m_{022}^{(21)}+m_{020}^{(00)}m_{102}^{(00)}m_{013}^{(11)}+m_{020}^{(00)}m_{102}^{(10)}m_{112}^{(21)}-m_{020}^{(00)}m_{102}^{(10)}m_{013}^{(10)}\\
&+m_{020}^{(00)}m_{102}^{(20)}m_{121}^{(21)}-2m_{020}^{(00)}m_{102}^{(20)}m_{112}^{(11)}+m_{020}^{(00)}m_{102}^{(20)}m_{022}^{(10)}-m_{020}^{(00)}m_{102}^{(21)}m_{211}^{(21)}\\
&+m_{020}^{(00)}m_{102}^{(21)}m_{112}^{(10)}+m_{020}^{(00)}m_{102}^{(22)}m_{211}^{(11)}-m_{020}^{(00)}m_{102}^{(22)}m_{121}^{(10)}+m_{020}^{(00)}m_{021}^{(00)}m_{112}^{(22)}\\
&-m_{020}^{(00)}m_{021}^{(00)}m_{103}^{(21)}-m_{020}^{(00)}m_{021}^{(10)}m_{202}^{(22)}+m_{020}^{(00)}m_{021}^{(10)}m_{103}^{(20)}-m_{020}^{(00)}m_{021}^{(20)}m_{211}^{(22)}\\
&+2m_{020}^{(00)}m_{021}^{(20)}m_{202}^{(21)}-m_{020}^{(00)}m_{021}^{(20)}m_{112}^{(20)}+m_{020}^{(00)}m_{021}^{(21)}m_{301}^{(22)}-m_{020}^{(00)}m_{021}^{(21)}m_{202}^{(20)}\\
&-m_{020}^{(00)}m_{021}^{(22)}m_{301}^{(21)}+m_{020}^{(00)}m_{021}^{(22)}m_{211}^{(20)}-m_{020}^{(00)}m_{012}^{(00)}m_{121}^{(22)}+m_{020}^{(00)}m_{012}^{(00)}m_{103}^{(11)}\\
&+m_{020}^{(00)}m_{012}^{(10)}m_{211}^{(22)}+m_{020}^{(00)}m_{012}^{(10)}m_{202}^{(21)}-m_{020}^{(00)}m_{012}^{(10)}m_{112}^{(20)}-m_{020}^{(00)}m_{012}^{(10)}m_{103}^{(10)}\\
&+m_{020}^{(00)}m_{012}^{(20)}m_{220}^{(22)}-m_{020}^{(00)}m_{012}^{(20)}m_{211}^{(21)}-2m_{020}^{(00)}m_{012}^{(20)}m_{202}^{(11)}+m_{020}^{(00)}m_{012}^{(20)}m_{121}^{(20)}\\
&+m_{020}^{(00)}m_{012}^{(20)}m_{112}^{(10)}-m_{020}^{(00)}m_{012}^{(21)}m_{310}^{(22)}-m_{020}^{(00)}m_{012}^{(21)}m_{301}^{(21)}+m_{020}^{(00)}m_{012}^{(21)}m_{211}^{(20)}\\
&+m_{020}^{(00)}m_{012}^{(21)}m_{202}^{(10)}+m_{020}^{(00)}m_{012}^{(22)}m_{310}^{(21)}+m_{020}^{(00)}m_{012}^{(22)}m_{301}^{(11)}-m_{020}^{(00)}m_{012}^{(22)}m_{220}^{(20)}\\
&-m_{020}^{(00)}m_{012}^{(22)}m_{211}^{(10)}+m_{020}^{(00)}m_{003}^{(00)}m_{121}^{(21)}-m_{020}^{(00)}m_{003}^{(00)}m_{112}^{(11)}-m_{020}^{(00)}m_{003}^{(10)}m_{211}^{(21)}\\
&+m_{020}^{(00)}m_{003}^{(10)}m_{112}^{(10)}-m_{020}^{(00)}m_{003}^{(20)}m_{220}^{(21)}+2m_{020}^{(00)}m_{003}^{(20)}m_{211}^{(11)}-m_{020}^{(00)}m_{003}^{(20)}m_{121}^{(10)}\\
&+m_{020}^{(00)}m_{003}^{(21)}m_{310}^{(21)}-m_{020}^{(00)}m_{003}^{(21)}m_{211}^{(10)}-m_{020}^{(00)}m_{003}^{(22)}m_{310}^{(11)}+m_{020}^{(00)}m_{003}^{(22)}m_{220}^{(10)}\\
&+2m_{020}^{(10)}m_{210}^{(00)}m_{013}^{(22)}-2m_{020}^{(10)}m_{210}^{(00)}m_{004}^{(21)}-2m_{020}^{(10)}m_{210}^{(10)}m_{103}^{(22)}+2m_{020}^{(10)}m_{210}^{(10)}m_{004}^{(20)}\\
&-2m_{020}^{(10)}m_{210}^{(20)}m_{112}^{(22)}+4m_{020}^{(10)}m_{210}^{(20)}m_{103}^{(21)}-2m_{020}^{(10)}m_{210}^{(20)}m_{013}^{(20)}+2m_{020}^{(10)}m_{210}^{(21)}m_{202}^{(22)}\\
&-2m_{020}^{(10)}m_{210}^{(21)}m_{103}^{(20)}-2m_{020}^{(10)}m_{210}^{(22)}m_{202}^{(21)}+2m_{020}^{(10)}m_{210}^{(22)}m_{112}^{(20)}-m_{020}^{(10)}m_{201}^{(00)}m_{022}^{(22)}\\
&+m_{020}^{(10)}m_{201}^{(00)}m_{004}^{(11)}+m_{020}^{(10)}m_{201}^{(10)}m_{112}^{(22)}+m_{020}^{(10)}m_{201}^{(10)}m_{103}^{(21)}-m_{020}^{(10)}m_{201}^{(10)}m_{013}^{(20)}\\
&-m_{020}^{(10)}m_{201}^{(10)}m_{004}^{(10)}+m_{020}^{(10)}m_{201}^{(20)}m_{121}^{(22)}-m_{020}^{(10)}m_{201}^{(20)}m_{112}^{(21)}-2m_{020}^{(10)}m_{201}^{(20)}m_{103}^{(11)}\\
&+m_{020}^{(10)}m_{201}^{(20)}m_{022}^{(20)}+m_{020}^{(10)}m_{201}^{(20)}m_{013}^{(10)}-m_{020}^{(10)}m_{201}^{(21)}m_{211}^{(22)}-m_{020}^{(10)}m_{201}^{(21)}m_{202}^{(21)}\\
&+m_{020}^{(10)}m_{201}^{(21)}m_{112}^{(20)}+m_{020}^{(10)}m_{201}^{(21)}m_{103}^{(10)}+m_{020}^{(10)}m_{201}^{(22)}m_{211}^{(21)}+m_{020}^{(10)}m_{201}^{(22)}m_{202}^{(11)}\\
&-m_{020}^{(10)}m_{201}^{(22)}m_{121}^{(20)}-m_{020}^{(10)}m_{201}^{(22)}m_{112}^{(10)}-3m_{020}^{(10)}m_{111}^{(00)}m_{112}^{(22)}+3m_{020}^{(10)}m_{111}^{(00)}m_{103}^{(21)}\\
&-m_{020}^{(10)}m_{111}^{(00)}m_{013}^{(20)}+m_{020}^{(10)}m_{111}^{(00)}m_{004}^{(10)}+3m_{020}^{(10)}m_{111}^{(10)}m_{202}^{(22)}-2m_{020}^{(10)}m_{111}^{(10)}m_{103}^{(20)}\\
&-m_{020}^{(10)}m_{111}^{(10)}m_{004}^{(00)}+3m_{020}^{(10)}m_{111}^{(20)}m_{211}^{(22)}-6m_{020}^{(10)}m_{111}^{(20)}m_{202}^{(21)}+4m_{020}^{(10)}m_{111}^{(20)}m_{112}^{(20)}\\
&-2m_{020}^{(10)}m_{111}^{(20)}m_{103}^{(10)}+m_{020}^{(10)}m_{111}^{(20)}m_{013}^{(00)}-3m_{020}^{(10)}m_{111}^{(21)}m_{301}^{(22)}+2m_{020}^{(10)}m_{111}^{(21)}m_{202}^{(20)}\\
&+m_{020}^{(10)}m_{111}^{(21)}m_{103}^{(00)}+3m_{020}^{(10)}m_{111}^{(22)}m_{301}^{(21)}-3m_{020}^{(10)}m_{111}^{(22)}m_{211}^{(20)}+m_{020}^{(10)}m_{111}^{(22)}m_{202}^{(10)}\\
&-m_{020}^{(10)}m_{111}^{(22)}m_{112}^{(00)}+m_{020}^{(10)}m_{102}^{(00)}m_{121}^{(22)}+m_{020}^{(10)}m_{102}^{(00)}m_{112}^{(21)}-2m_{020}^{(10)}m_{102}^{(00)}m_{103}^{(11)}\\
&+m_{020}^{(10)}m_{102}^{(00)}m_{022}^{(20)}-m_{020}^{(10)}m_{102}^{(00)}m_{013}^{(10)}-m_{020}^{(10)}m_{102}^{(10)}m_{211}^{(22)}-2m_{020}^{(10)}m_{102}^{(10)}m_{202}^{(21)}\\
&+2m_{020}^{(10)}m_{102}^{(10)}m_{103}^{(10)}+m_{020}^{(10)}m_{102}^{(10)}m_{013}^{(00)}-m_{020}^{(10)}m_{102}^{(20)}m_{220}^{(22)}+4m_{020}^{(10)}m_{102}^{(20)}m_{202}^{(11)}\\
&-2m_{020}^{(10)}m_{102}^{(20)}m_{121}^{(20)}-m_{020}^{(10)}m_{102}^{(20)}m_{022}^{(00)}+m_{020}^{(10)}m_{102}^{(21)}m_{310}^{(22)}+2m_{020}^{(10)}m_{102}^{(21)}m_{301}^{(21)}\\
&-2m_{020}^{(10)}m_{102}^{(21)}m_{202}^{(10)}-m_{020}^{(10)}m_{102}^{(21)}m_{112}^{(00)}-m_{020}^{(10)}m_{102}^{(22)}m_{310}^{(21)}-2m_{020}^{(10)}m_{102}^{(22)}m_{301}^{(11)}\\
&+m_{020}^{(10)}m_{102}^{(22)}m_{220}^{(20)}+m_{020}^{(10)}m_{102}^{(22)}m_{211}^{(10)}+m_{020}^{(10)}m_{102}^{(22)}m_{121}^{(00)}+m_{020}^{(10)}m_{012}^{(00)}m_{211}^{(22)}\\
&-m_{020}^{(10)}m_{012}^{(00)}m_{202}^{(21)}+m_{020}^{(10)}m_{012}^{(00)}m_{112}^{(20)}-m_{020}^{(10)}m_{012}^{(00)}m_{103}^{(10)}-m_{020}^{(10)}m_{012}^{(10)}m_{301}^{(22)}\\
&+m_{020}^{(10)}m_{012}^{(10)}m_{103}^{(00)}-m_{020}^{(10)}m_{012}^{(20)}m_{310}^{(22)}+2m_{020}^{(10)}m_{012}^{(20)}m_{301}^{(21)}-2m_{020}^{(10)}m_{012}^{(20)}m_{211}^{(20)}\\
&+2m_{020}^{(10)}m_{012}^{(20)}m_{202}^{(10)}-m_{020}^{(10)}m_{012}^{(20)}m_{112}^{(00)}+m_{020}^{(10)}m_{012}^{(21)}m_{400}^{(22)}-m_{020}^{(10)}m_{012}^{(21)}m_{202}^{(00)}
\end{aligned}
$$

$$
\begin{aligned}
&-m_{020}^{(10)}m_{012}^{(22)}m_{400}^{(21)}+m_{020}^{(10)}m_{012}^{(22)}m_{310}^{(20)}-m_{020}^{(10)}m_{012}^{(22)}m_{301}^{(10)}+m_{020}^{(10)}m_{012}^{(22)}m_{211}^{(00)}\\
&-m_{020}^{(10)}m_{003}^{(00)}m_{211}^{(21)}+m_{020}^{(10)}m_{003}^{(00)}m_{202}^{(11)}-m_{020}^{(10)}m_{003}^{(00)}m_{121}^{(20)}+m_{020}^{(10)}m_{003}^{(00)}m_{112}^{(10)}\\
&+m_{020}^{(10)}m_{003}^{(10)}m_{301}^{(21)}+m_{020}^{(10)}m_{003}^{(10)}m_{211}^{(20)}-m_{020}^{(10)}m_{003}^{(10)}m_{202}^{(10)}-m_{020}^{(10)}m_{003}^{(10)}m_{112}^{(00)}\\
&+m_{020}^{(10)}m_{003}^{(20)}m_{310}^{(21)}-2m_{020}^{(10)}m_{003}^{(20)}m_{301}^{(11)}+m_{020}^{(10)}m_{003}^{(20)}m_{220}^{(20)}-m_{020}^{(10)}m_{003}^{(20)}m_{211}^{(10)}\\
&+m_{020}^{(10)}m_{003}^{(20)}m_{121}^{(00)}-m_{020}^{(10)}m_{003}^{(21)}m_{400}^{(21)}-m_{020}^{(10)}m_{003}^{(21)}m_{310}^{(20)}+m_{020}^{(10)}m_{003}^{(21)}m_{301}^{(10)}\\
&+m_{020}^{(10)}m_{003}^{(21)}m_{211}^{(00)}+m_{020}^{(10)}m_{003}^{(22)}m_{400}^{(11)}-m_{020}^{(10)}m_{003}^{(22)}m_{220}^{(00)}-m_{020}^{(11)}m_{300}^{(00)}m_{013}^{(22)}\\
&+m_{020}^{(11)}m_{300}^{(00)}m_{004}^{(21)}+m_{020}^{(11)}m_{300}^{(10)}m_{103}^{(22)}-m_{020}^{(11)}m_{300}^{(10)}m_{004}^{(20)}+m_{020}^{(11)}m_{300}^{(20)}m_{112}^{(22)}\\
&-2m_{020}^{(11)}m_{300}^{(20)}m_{103}^{(21)}+m_{020}^{(11)}m_{300}^{(20)}m_{013}^{(20)}-m_{020}^{(11)}m_{300}^{(21)}m_{202}^{(22)}+m_{020}^{(11)}m_{300}^{(21)}m_{103}^{(20)}\\
&+m_{020}^{(11)}m_{300}^{(22)}m_{202}^{(21)}-m_{020}^{(11)}m_{300}^{(22)}m_{112}^{(20)}+2m_{020}^{(11)}m_{201}^{(00)}m_{112}^{(22)}-2m_{020}^{(11)}m_{201}^{(00)}m_{103}^{(21)}\\
&+m_{020}^{(11)}m_{201}^{(00)}m_{013}^{(20)}-m_{020}^{(11)}m_{201}^{(00)}m_{004}^{(10)}-2m_{020}^{(11)}m_{201}^{(10)}m_{202}^{(22)}+m_{020}^{(11)}m_{201}^{(10)}m_{103}^{(20)}\\
&+m_{020}^{(11)}m_{201}^{(10)}m_{004}^{(00)}-2m_{020}^{(11)}m_{201}^{(20)}m_{211}^{(22)}+4m_{020}^{(11)}m_{201}^{(20)}m_{202}^{(21)}-3m_{020}^{(11)}m_{201}^{(20)}m_{112}^{(20)}\\
&+2m_{020}^{(11)}m_{201}^{(20)}m_{103}^{(10)}-m_{020}^{(11)}m_{201}^{(20)}m_{013}^{(00)}+2m_{020}^{(11)}m_{201}^{(21)}m_{301}^{(22)}-m_{020}^{(11)}m_{201}^{(21)}m_{202}^{(20)}\\
&-m_{020}^{(11)}m_{201}^{(21)}m_{103}^{(00)}-2m_{020}^{(11)}m_{201}^{(22)}m_{301}^{(21)}+2m_{020}^{(11)}m_{201}^{(22)}m_{211}^{(20)}-m_{020}^{(11)}m_{201}^{(22)}m_{202}^{(10)}\\
&+m_{020}^{(11)}m_{201}^{(22)}m_{112}^{(00)}-m_{020}^{(11)}m_{102}^{(00)}m_{211}^{(22)}+m_{020}^{(11)}m_{102}^{(00)}m_{202}^{(21)}-2m_{020}^{(11)}m_{102}^{(00)}m_{112}^{(20)}\\
&+2m_{020}^{(11)}m_{102}^{(00)}m_{103}^{(10)}+m_{020}^{(11)}m_{102}^{(10)}m_{301}^{(22)}+m_{020}^{(11)}m_{102}^{(10)}m_{202}^{(20)}-2m_{020}^{(11)}m_{102}^{(10)}m_{103}^{(00)}\\
&+m_{020}^{(11)}m_{102}^{(20)}m_{310}^{(22)}-2m_{020}^{(11)}m_{102}^{(20)}m_{301}^{(21)}+3m_{020}^{(11)}m_{102}^{(20)}m_{211}^{(20)}-4m_{020}^{(11)}m_{102}^{(20)}m_{202}^{(10)}\\
&+2m_{020}^{(11)}m_{102}^{(20)}m_{112}^{(00)}-m_{020}^{(11)}m_{102}^{(21)}m_{400}^{(22)}-m_{020}^{(11)}m_{102}^{(21)}m_{301}^{(20)}+2m_{020}^{(11)}m_{102}^{(21)}m_{202}^{(00)}\\
&+m_{020}^{(11)}m_{102}^{(22)}m_{400}^{(21)}-m_{020}^{(11)}m_{102}^{(22)}m_{310}^{(20)}+2m_{020}^{(11)}m_{102}^{(22)}m_{301}^{(10)}-2m_{020}^{(11)}m_{102}^{(22)}m_{211}^{(00)}\\
&+m_{020}^{(11)}m_{003}^{(00)}m_{211}^{(20)}-m_{020}^{(11)}m_{003}^{(00)}m_{202}^{(10)}-m_{020}^{(11)}m_{003}^{(10)}m_{301}^{(20)}+m_{020}^{(11)}m_{003}^{(10)}m_{202}^{(00)}\\
&-m_{020}^{(11)}m_{003}^{(20)}m_{310}^{(20)}+2m_{020}^{(11)}m_{003}^{(20)}m_{301}^{(10)}-m_{020}^{(11)}m_{003}^{(20)}m_{211}^{(00)}+m_{020}^{(11)}m_{003}^{(21)}m_{400}^{(20)}\\
&-m_{020}^{(11)}m_{003}^{(21)}m_{301}^{(00)}-m_{020}^{(11)}m_{003}^{(22)}m_{400}^{(10)}+m_{020}^{(11)}m_{003}^{(22)}m_{310}^{(00)}-m_{020}^{(20)}m_{210}^{(00)}m_{022}^{(22)}\\
&+m_{020}^{(20)}m_{210}^{(00)}m_{004}^{(11)}+m_{020}^{(20)}m_{210}^{(10)}m_{112}^{(22)}+m_{020}^{(20)}m_{210}^{(10)}m_{103}^{(21)}-m_{020}^{(20)}m_{210}^{(10)}m_{013}^{(20)}\\
&-m_{020}^{(20)}m_{210}^{(10)}m_{004}^{(10)}+m_{020}^{(20)}m_{210}^{(20)}m_{121}^{(22)}-m_{020}^{(20)}m_{210}^{(20)}m_{112}^{(21)}-2m_{020}^{(20)}m_{210}^{(20)}m_{103}^{(11)}\\
&+m_{020}^{(20)}m_{210}^{(20)}m_{022}^{(20)}+m_{020}^{(20)}m_{210}^{(20)}m_{013}^{(10)}-m_{020}^{(20)}m_{210}^{(21)}m_{211}^{(22)}-m_{020}^{(20)}m_{210}^{(21)}m_{202}^{(21)}\\
&+m_{020}^{(20)}m_{210}^{(21)}m_{112}^{(20)}+m_{020}^{(20)}m_{210}^{(21)}m_{103}^{(10)}+m_{020}^{(20)}m_{210}^{(22)}m_{211}^{(21)}+m_{020}^{(20)}m_{210}^{(22)}m_{202}^{(11)}\\
&-m_{020}^{(20)}m_{210}^{(22)}m_{121}^{(20)}-m_{020}^{(20)}m_{210}^{(22)}m_{112}^{(10)}+2m_{020}^{(20)}m_{201}^{(00)}m_{022}^{(21)}-2m_{020}^{(20)}m_{201}^{(00)}m_{013}^{(11)}\\
&-2m_{020}^{(20)}m_{201}^{(10)}m_{112}^{(21)}+2m_{020}^{(20)}m_{201}^{(10)}m_{013}^{(10)}-2m_{020}^{(20)}m_{201}^{(20)}m_{121}^{(21)}+4m_{020}^{(20)}m_{201}^{(20)}m_{112}^{(11)}\\
&-2m_{020}^{(20)}m_{201}^{(20)}m_{022}^{(10)}+2m_{020}^{(20)}m_{201}^{(21)}m_{211}^{(21)}-2m_{020}^{(20)}m_{201}^{(21)}m_{112}^{(10)}-2m_{020}^{(20)}m_{201}^{(22)}m_{211}^{(11)}\\
&+2m_{020}^{(20)}m_{201}^{(22)}m_{121}^{(10)}+m_{020}^{(20)}m_{120}^{(00)}m_{112}^{(22)}-m_{020}^{(20)}m_{120}^{(00)}m_{103}^{(21)}+m_{020}^{(20)}m_{120}^{(00)}m_{013}^{(20)}\\
&-m_{020}^{(20)}m_{120}^{(00)}m_{004}^{(10)}-m_{020}^{(20)}m_{120}^{(10)}m_{202}^{(22)}+m_{020}^{(20)}m_{120}^{(10)}m_{004}^{(00)}-m_{020}^{(20)}m_{120}^{(20)}m_{211}^{(22)}\\
&+2m_{020}^{(20)}m_{120}^{(20)}m_{202}^{(21)}-2m_{020}^{(20)}m_{120}^{(20)}m_{112}^{(20)}+2m_{020}^{(20)}m_{120}^{(20)}m_{103}^{(10)}-m_{020}^{(20)}m_{120}^{(20)}m_{013}^{(00)}\\
&+m_{020}^{(20)}m_{120}^{(21)}m_{301}^{(22)}-m_{020}^{(20)}m_{120}^{(21)}m_{103}^{(00)}-m_{020}^{(20)}m_{120}^{(22)}m_{301}^{(21)}+m_{020}^{(20)}m_{120}^{(22)}m_{211}^{(20)}\\
&-m_{020}^{(20)}m_{120}^{(22)}m_{202}^{(10)}+m_{020}^{(20)}m_{120}^{(22)}m_{112}^{(00)}+m_{020}^{(20)}m_{111}^{(00)}m_{121}^{(22)}-m_{020}^{(20)}m_{111}^{(00)}m_{112}^{(21)}\\
&-m_{020}^{(20)}m_{111}^{(00)}m_{022}^{(20)}+m_{020}^{(20)}m_{111}^{(00)}m_{013}^{(10)}-m_{020}^{(20)}m_{111}^{(10)}m_{211}^{(22)}+2m_{020}^{(20)}m_{111}^{(10)}m_{112}^{(20)}\\
&-m_{020}^{(20)}m_{111}^{(10)}m_{013}^{(00)}-m_{020}^{(20)}m_{111}^{(20)}m_{220}^{(22)}+2m_{020}^{(20)}m_{111}^{(20)}m_{211}^{(21)}-2m_{020}^{(20)}m_{111}^{(20)}m_{112}^{(10)}\\
&+m_{020}^{(20)}m_{111}^{(20)}m_{022}^{(00)}+m_{020}^{(20)}m_{111}^{(21)}m_{310}^{(22)}-2m_{020}^{(20)}m_{111}^{(21)}m_{211}^{(20)}+m_{020}^{(20)}m_{111}^{(21)}m_{112}^{(00)}\\
&-m_{020}^{(20)}m_{111}^{(22)}m_{310}^{(21)}+m_{020}^{(20)}m_{111}^{(22)}m_{220}^{(20)}+m_{020}^{(20)}m_{111}^{(22)}m_{211}^{(10)}-m_{020}^{(20)}m_{111}^{(22)}m_{121}^{(00)}\\
&-2m_{020}^{(20)}m_{102}^{(00)}m_{121}^{(21)}+2m_{020}^{(20)}m_{102}^{(00)}m_{112}^{(11)}+2m_{020}^{(20)}m_{102}^{(10)}m_{211}^{(21)}-2m_{020}^{(20)}m_{102}^{(10)}m_{112}^{(10)}
\end{aligned}
$$

$$+2m_{020}^{(20)}m_{102}^{(20)}m_{220}^{(21)} - 4m_{020}^{(20)}m_{102}^{(20)}m_{211}^{(11)} + 2m_{020}^{(20)}m_{102}^{(20)}m_{121}^{(10)} - 2m_{020}^{(20)}m_{102}^{(21)}m_{310}^{(21)}$$
$$+2m_{020}^{(20)}m_{102}^{(21)}m_{211}^{(10)} + 2m_{020}^{(20)}m_{102}^{(22)}m_{310}^{(11)} - 2m_{020}^{(20)}m_{102}^{(22)}m_{220}^{(10)} - m_{020}^{(20)}m_{021}^{(00)}m_{211}^{(22)}$$
$$+m_{020}^{(20)}m_{021}^{(00)}m_{202}^{(21)} - m_{020}^{(20)}m_{021}^{(00)}m_{112}^{(20)} + m_{020}^{(20)}m_{021}^{(00)}m_{103}^{(10)} + m_{020}^{(20)}m_{021}^{(10)}m_{301}^{(22)}$$
$$-m_{020}^{(20)}m_{021}^{(10)}m_{103}^{(00)} + m_{020}^{(20)}m_{021}^{(20)}m_{310}^{(22)} - 2m_{020}^{(20)}m_{021}^{(20)}m_{301}^{(21)} + 2m_{020}^{(20)}m_{021}^{(20)}m_{211}^{(20)}$$
$$-2m_{020}^{(20)}m_{021}^{(20)}m_{202}^{(10)} + m_{020}^{(20)}m_{021}^{(20)}m_{112}^{(00)} - m_{020}^{(20)}m_{021}^{(21)}m_{400}^{(22)} + m_{020}^{(20)}m_{021}^{(21)}m_{202}^{(00)}$$
$$+m_{020}^{(20)}m_{021}^{(22)}m_{400}^{(21)} - m_{020}^{(20)}m_{021}^{(22)}m_{310}^{(20)} + m_{020}^{(20)}m_{021}^{(22)}m_{301}^{(10)} - m_{020}^{(20)}m_{021}^{(22)}m_{211}^{(00)}$$
$$+m_{020}^{(20)}m_{012}^{(00)}m_{211}^{(21)} - m_{020}^{(20)}m_{012}^{(00)}m_{202}^{(11)} + m_{020}^{(20)}m_{012}^{(00)}m_{121}^{(20)} - m_{020}^{(20)}m_{012}^{(00)}m_{112}^{(10)}$$
$$-m_{020}^{(20)}m_{012}^{(10)}m_{301}^{(21)} - m_{020}^{(20)}m_{012}^{(10)}m_{211}^{(20)} + m_{020}^{(20)}m_{012}^{(10)}m_{202}^{(10)} + m_{020}^{(20)}m_{012}^{(10)}m_{112}^{(00)}$$
$$-m_{020}^{(20)}m_{012}^{(20)}m_{310}^{(21)} + 2m_{020}^{(20)}m_{012}^{(20)}m_{301}^{(11)} - m_{020}^{(20)}m_{012}^{(20)}m_{220}^{(20)} + m_{020}^{(20)}m_{012}^{(20)}m_{211}^{(10)}$$
$$-m_{020}^{(20)}m_{012}^{(20)}m_{121}^{(00)} + m_{020}^{(20)}m_{012}^{(21)}m_{400}^{(21)} + m_{020}^{(20)}m_{012}^{(21)}m_{310}^{(20)} - m_{020}^{(20)}m_{012}^{(21)}m_{301}^{(10)}$$
$$-m_{020}^{(20)}m_{012}^{(21)}m_{211}^{(00)} - m_{020}^{(20)}m_{012}^{(22)}m_{400}^{(11)} + m_{020}^{(20)}m_{012}^{(22)}m_{220}^{(00)} + m_{020}^{(21)}m_{300}^{(00)}m_{022}^{(22)}$$
$$-m_{020}^{(21)}m_{300}^{(00)}m_{004}^{(11)} - m_{020}^{(21)}m_{300}^{(10)}m_{112}^{(22)} - m_{020}^{(21)}m_{300}^{(10)}m_{103}^{(21)} + m_{020}^{(21)}m_{300}^{(10)}m_{013}^{(20)}$$
$$+m_{020}^{(21)}m_{300}^{(10)}m_{004}^{(10)} - m_{020}^{(21)}m_{300}^{(20)}m_{121}^{(22)} + m_{020}^{(21)}m_{300}^{(20)}m_{112}^{(21)} + 2m_{020}^{(21)}m_{300}^{(20)}m_{103}^{(11)}$$
$$-m_{020}^{(21)}m_{300}^{(20)}m_{022}^{(20)} - m_{020}^{(21)}m_{300}^{(20)}m_{013}^{(10)} + m_{020}^{(21)}m_{300}^{(21)}m_{211}^{(22)} + m_{020}^{(21)}m_{300}^{(21)}m_{202}^{(21)}$$
$$-m_{020}^{(21)}m_{300}^{(21)}m_{112}^{(20)} - m_{020}^{(21)}m_{300}^{(21)}m_{103}^{(10)} - m_{020}^{(21)}m_{300}^{(22)}m_{211}^{(21)} - m_{020}^{(21)}m_{300}^{(22)}m_{202}^{(11)}$$
$$+m_{020}^{(21)}m_{300}^{(22)}m_{121}^{(20)} + m_{020}^{(21)}m_{300}^{(22)}m_{112}^{(10)} - m_{020}^{(21)}m_{210}^{(00)}m_{112}^{(22)} + m_{020}^{(21)}m_{210}^{(00)}m_{103}^{(21)}$$
$$-m_{020}^{(21)}m_{210}^{(00)}m_{013}^{(20)} + m_{020}^{(21)}m_{210}^{(00)}m_{004}^{(10)} + m_{020}^{(21)}m_{210}^{(10)}m_{202}^{(22)} - m_{020}^{(21)}m_{210}^{(10)}m_{004}^{(00)}$$
$$+m_{020}^{(21)}m_{210}^{(20)}m_{211}^{(22)} - 2m_{020}^{(21)}m_{210}^{(20)}m_{202}^{(21)} + 2m_{020}^{(21)}m_{210}^{(20)}m_{112}^{(20)} - 2m_{020}^{(21)}m_{210}^{(20)}m_{103}^{(10)}$$
$$+m_{020}^{(21)}m_{210}^{(20)}m_{013}^{(00)} - m_{020}^{(21)}m_{210}^{(21)}m_{301}^{(22)} + m_{020}^{(21)}m_{210}^{(21)}m_{103}^{(00)} + m_{020}^{(21)}m_{210}^{(22)}m_{301}^{(21)}$$
$$-m_{020}^{(21)}m_{210}^{(22)}m_{211}^{(20)} + m_{020}^{(21)}m_{210}^{(22)}m_{202}^{(10)} - m_{020}^{(21)}m_{210}^{(22)}m_{112}^{(00)} - m_{020}^{(21)}m_{201}^{(00)}m_{121}^{(22)}$$
$$-m_{020}^{(21)}m_{201}^{(00)}m_{112}^{(21)} + 2m_{020}^{(21)}m_{201}^{(00)}m_{103}^{(11)} - m_{020}^{(21)}m_{201}^{(00)}m_{022}^{(20)} + m_{020}^{(21)}m_{201}^{(00)}m_{013}^{(10)}$$
$$+m_{020}^{(21)}m_{201}^{(10)}m_{211}^{(22)} + 2m_{020}^{(21)}m_{201}^{(10)}m_{202}^{(21)} - 2m_{020}^{(21)}m_{201}^{(10)}m_{103}^{(10)} - m_{020}^{(21)}m_{201}^{(10)}m_{013}^{(00)}$$
$$+m_{020}^{(21)}m_{201}^{(20)}m_{220}^{(22)} - 4m_{020}^{(21)}m_{201}^{(20)}m_{202}^{(11)} + 2m_{020}^{(21)}m_{201}^{(20)}m_{121}^{(20)} + m_{020}^{(21)}m_{201}^{(20)}m_{022}^{(00)}$$
$$-m_{020}^{(21)}m_{201}^{(21)}m_{310}^{(22)} - 2m_{020}^{(21)}m_{201}^{(21)}m_{301}^{(21)} + 2m_{020}^{(21)}m_{201}^{(21)}m_{202}^{(10)} + m_{020}^{(21)}m_{201}^{(21)}m_{112}^{(00)}$$
$$+m_{020}^{(21)}m_{201}^{(22)}m_{310}^{(21)} + 2m_{020}^{(21)}m_{201}^{(22)}m_{301}^{(11)} - m_{020}^{(21)}m_{201}^{(22)}m_{220}^{(20)} - m_{020}^{(21)}m_{201}^{(22)}m_{211}^{(10)}$$
$$-m_{020}^{(21)}m_{201}^{(22)}m_{121}^{(00)} + m_{020}^{(21)}m_{111}^{(00)}m_{211}^{(22)} - m_{020}^{(21)}m_{111}^{(00)}m_{202}^{(21)} + 3m_{020}^{(21)}m_{111}^{(00)}m_{112}^{(20)}$$
$$-3m_{020}^{(21)}m_{111}^{(00)}m_{103}^{(10)} - m_{020}^{(21)}m_{111}^{(10)}m_{301}^{(22)} - 2m_{020}^{(21)}m_{111}^{(10)}m_{202}^{(20)} + 3m_{020}^{(21)}m_{111}^{(10)}m_{103}^{(00)}$$
$$-m_{020}^{(21)}m_{111}^{(20)}m_{310}^{(22)} + 2m_{020}^{(21)}m_{111}^{(20)}m_{301}^{(21)} - 4m_{020}^{(21)}m_{111}^{(20)}m_{211}^{(20)} + 6m_{020}^{(21)}m_{111}^{(20)}m_{202}^{(10)}$$
$$-3m_{020}^{(21)}m_{111}^{(20)}m_{112}^{(00)} + m_{020}^{(21)}m_{111}^{(21)}m_{400}^{(22)} + 2m_{020}^{(21)}m_{111}^{(21)}m_{301}^{(20)} - 3m_{020}^{(21)}m_{111}^{(21)}m_{202}^{(00)}$$
$$-m_{020}^{(21)}m_{111}^{(22)}m_{400}^{(21)} + m_{020}^{(21)}m_{111}^{(22)}m_{310}^{(20)} - 3m_{020}^{(21)}m_{111}^{(22)}m_{301}^{(10)} + 3m_{020}^{(21)}m_{111}^{(22)}m_{211}^{(00)}$$
$$+m_{020}^{(21)}m_{102}^{(00)}m_{211}^{(21)} - m_{020}^{(21)}m_{102}^{(00)}m_{202}^{(11)} + m_{020}^{(21)}m_{102}^{(00)}m_{121}^{(20)} - m_{020}^{(21)}m_{102}^{(00)}m_{112}^{(10)}$$
$$-m_{020}^{(21)}m_{102}^{(10)}m_{301}^{(21)} - m_{020}^{(21)}m_{102}^{(10)}m_{211}^{(20)} + m_{020}^{(21)}m_{102}^{(10)}m_{202}^{(10)} + m_{020}^{(21)}m_{102}^{(10)}m_{112}^{(00)}$$
$$-m_{020}^{(21)}m_{102}^{(20)}m_{310}^{(21)} + 2m_{020}^{(21)}m_{102}^{(20)}m_{301}^{(11)} - m_{020}^{(21)}m_{102}^{(20)}m_{220}^{(20)} + m_{020}^{(21)}m_{102}^{(20)}m_{211}^{(10)}$$
$$-m_{020}^{(21)}m_{102}^{(20)}m_{121}^{(00)} + m_{020}^{(21)}m_{102}^{(21)}m_{400}^{(21)} + m_{020}^{(21)}m_{102}^{(21)}m_{310}^{(20)} - m_{020}^{(21)}m_{102}^{(21)}m_{301}^{(10)}$$
$$-m_{020}^{(21)}m_{102}^{(21)}m_{211}^{(00)} - m_{020}^{(21)}m_{102}^{(22)}m_{400}^{(11)} + m_{020}^{(21)}m_{102}^{(22)}m_{220}^{(00)} - 2m_{020}^{(21)}m_{012}^{(00)}m_{211}^{(20)}$$
$$+2m_{020}^{(21)}m_{012}^{(00)}m_{202}^{(10)} + 2m_{020}^{(21)}m_{012}^{(10)}m_{301}^{(20)} - 2m_{020}^{(21)}m_{012}^{(10)}m_{202}^{(00)} + 2m_{020}^{(21)}m_{012}^{(20)}m_{310}^{(20)}$$
$$-4m_{020}^{(21)}m_{012}^{(20)}m_{301}^{(10)} + 2m_{020}^{(21)}m_{012}^{(20)}m_{211}^{(00)} - 2m_{020}^{(21)}m_{012}^{(21)}m_{400}^{(20)} + 2m_{020}^{(21)}m_{012}^{(21)}m_{301}^{(00)}$$
$$+2m_{020}^{(21)}m_{012}^{(22)}m_{400}^{(10)} - 2m_{020}^{(21)}m_{012}^{(22)}m_{310}^{(00)} - m_{020}^{(22)}m_{300}^{(00)}m_{022}^{(21)} + m_{020}^{(22)}m_{300}^{(00)}m_{013}^{(11)}$$

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\begin{aligned}
&+m_{020}^{(22)}m_{300}^{(10)}m_{112}^{(21)} - m_{020}^{(22)}m_{300}^{(10)}m_{013}^{(10)} + m_{020}^{(22)}m_{300}^{(20)}m_{121}^{(21)} - 2m_{020}^{(22)}m_{300}^{(20)}m_{112}^{(11)}\\
&+m_{020}^{(22)}m_{300}^{(20)}m_{022}^{(10)} - m_{020}^{(22)}m_{300}^{(21)}m_{211}^{(21)} + m_{020}^{(22)}m_{300}^{(21)}m_{112}^{(10)} + m_{020}^{(22)}m_{300}^{(22)}m_{211}^{(11)}\\
&-m_{020}^{(22)}m_{300}^{(22)}m_{121}^{(10)} + m_{020}^{(22)}m_{210}^{(00)}m_{112}^{(21)} - m_{020}^{(22)}m_{210}^{(00)}m_{103}^{(11)} + m_{020}^{(22)}m_{210}^{(00)}m_{022}^{(20)}\\
&-m_{020}^{(22)}m_{210}^{(00)}m_{013}^{(10)} - m_{020}^{(22)}m_{210}^{(10)}m_{202}^{(21)} - m_{020}^{(22)}m_{210}^{(10)}m_{112}^{(20)} + m_{020}^{(22)}m_{210}^{(10)}m_{103}^{(10)}\\
&+m_{020}^{(22)}m_{210}^{(10)}m_{013}^{(00)} - m_{020}^{(22)}m_{210}^{(20)}m_{211}^{(21)} + 2m_{020}^{(22)}m_{210}^{(20)}m_{202}^{(11)} - m_{020}^{(22)}m_{210}^{(20)}m_{121}^{(20)}\\
&+m_{020}^{(22)}m_{210}^{(20)}m_{112}^{(10)} - m_{020}^{(22)}m_{210}^{(20)}m_{022}^{(00)} + m_{020}^{(22)}m_{210}^{(21)}m_{301}^{(21)} + m_{020}^{(22)}m_{210}^{(21)}m_{211}^{(20)}\\
&-m_{020}^{(22)}m_{210}^{(21)}m_{202}^{(10)} - m_{020}^{(22)}m_{210}^{(21)}m_{112}^{(00)} - m_{020}^{(22)}m_{210}^{(22)}m_{301}^{(11)} + m_{020}^{(22)}m_{210}^{(22)}m_{121}^{(00)}\\
&+m_{020}^{(22)}m_{201}^{(00)}m_{121}^{(21)} - m_{020}^{(22)}m_{201}^{(00)}m_{112}^{(11)} - m_{020}^{(22)}m_{201}^{(10)}m_{211}^{(21)} + m_{020}^{(22)}m_{201}^{(10)}m_{112}^{(10)}\\
&-m_{020}^{(22)}m_{201}^{(20)}m_{220}^{(21)} + 2m_{020}^{(22)}m_{201}^{(20)}m_{211}^{(11)} - m_{020}^{(22)}m_{201}^{(20)}m_{121}^{(10)} + m_{020}^{(22)}m_{201}^{(21)}m_{310}^{(21)}\\
&-m_{020}^{(22)}m_{201}^{(21)}m_{211}^{(10)} - m_{020}^{(22)}m_{201}^{(22)}m_{310}^{(11)} + m_{020}^{(22)}m_{201}^{(22)}m_{220}^{(10)} - m_{020}^{(22)}m_{120}^{(00)}m_{112}^{(20)}\\
&+m_{020}^{(22)}m_{120}^{(00)}m_{103}^{(10)} + m_{020}^{(22)}m_{120}^{(10)}m_{202}^{(20)} - m_{020}^{(22)}m_{120}^{(10)}m_{103}^{(00)} + m_{020}^{(22)}m_{120}^{(20)}m_{211}^{(20)}\\
&-2m_{020}^{(22)}m_{120}^{(20)}m_{202}^{(10)} + m_{020}^{(22)}m_{120}^{(20)}m_{112}^{(00)} - m_{020}^{(22)}m_{120}^{(21)}m_{301}^{(20)} + m_{020}^{(22)}m_{120}^{(21)}m_{202}^{(00)}\\
&+m_{020}^{(22)}m_{120}^{(22)}m_{301}^{(10)} - m_{020}^{(22)}m_{120}^{(22)}m_{211}^{(00)} - m_{020}^{(22)}m_{111}^{(00)}m_{211}^{(21)} + m_{020}^{(22)}m_{111}^{(00)}m_{202}^{(11)}\\
&-m_{020}^{(22)}m_{111}^{(00)}m_{121}^{(20)} + m_{020}^{(22)}m_{111}^{(00)}m_{112}^{(10)} + m_{020}^{(22)}m_{111}^{(10)}m_{301}^{(21)} + m_{020}^{(22)}m_{111}^{(10)}m_{211}^{(20)}\\
&-m_{020}^{(22)}m_{111}^{(10)}m_{202}^{(10)} - m_{020}^{(22)}m_{111}^{(10)}m_{112}^{(00)} + m_{020}^{(22)}m_{111}^{(20)}m_{310}^{(21)} - 2m_{020}^{(22)}m_{111}^{(20)}m_{301}^{(11)}\\
&+m_{020}^{(22)}m_{111}^{(20)}m_{220}^{(20)} - m_{020}^{(22)}m_{111}^{(20)}m_{211}^{(10)} + m_{020}^{(22)}m_{111}^{(20)}m_{121}^{(00)} - m_{020}^{(22)}m_{111}^{(21)}m_{400}^{(21)}\\
&-m_{020}^{(22)}m_{111}^{(21)}m_{310}^{(20)} + m_{020}^{(22)}m_{111}^{(21)}m_{301}^{(10)} + m_{020}^{(22)}m_{111}^{(21)}m_{211}^{(00)} + m_{020}^{(22)}m_{111}^{(22)}m_{400}^{(11)}\\
&-m_{020}^{(22)}m_{111}^{(22)}m_{220}^{(00)} + m_{020}^{(22)}m_{021}^{(00)}m_{211}^{(20)} - m_{020}^{(22)}m_{021}^{(00)}m_{202}^{(10)} - m_{020}^{(22)}m_{021}^{(10)}m_{301}^{(20)}\\
&+m_{020}^{(22)}m_{021}^{(10)}m_{202}^{(00)} - m_{020}^{(22)}m_{021}^{(20)}m_{310}^{(20)} + 2m_{020}^{(22)}m_{021}^{(20)}m_{301}^{(10)} - m_{020}^{(22)}m_{021}^{(20)}m_{211}^{(00)}\\
&+m_{020}^{(22)}m_{021}^{(21)}m_{400}^{(20)} - m_{020}^{(22)}m_{021}^{(21)}m_{301}^{(00)} - m_{020}^{(22)}m_{021}^{(22)}m_{400}^{(10)} + m_{020}^{(22)}m_{021}^{(22)}m_{310}^{(00)}\\
&+2m_{011}^{(00)}m_{120}^{(00)}m_{022}^{(22)} - 2m_{011}^{(00)}m_{120}^{(00)}m_{013}^{(21)} - 3m_{011}^{(00)}m_{120}^{(10)}m_{112}^{(22)} + m_{011}^{(00)}m_{120}^{(10)}m_{103}^{(21)}\\
&+2m_{011}^{(00)}m_{120}^{(10)}m_{013}^{(20)} + m_{011}^{(00)}m_{120}^{(11)}m_{202}^{(22)} - m_{011}^{(00)}m_{120}^{(11)}m_{103}^{(20)} - m_{011}^{(00)}m_{120}^{(20)}m_{121}^{(22)}\\
&+3m_{011}^{(00)}m_{120}^{(20)}m_{112}^{(21)} - 2m_{011}^{(00)}m_{120}^{(20)}m_{022}^{(20)} + m_{011}^{(00)}m_{120}^{(21)}m_{211}^{(22)} - m_{011}^{(00)}m_{120}^{(21)}m_{202}^{(21)}\\
&-m_{011}^{(00)}m_{120}^{(22)}m_{211}^{(21)} + m_{011}^{(00)}m_{120}^{(22)}m_{121}^{(20)} - 2m_{011}^{(00)}m_{111}^{(00)}m_{031}^{(22)} + 2m_{011}^{(00)}m_{111}^{(00)}m_{013}^{(11)}\\
&+3m_{011}^{(00)}m_{111}^{(10)}m_{121}^{(22)} + 2m_{011}^{(00)}m_{111}^{(10)}m_{112}^{(21)} - m_{011}^{(00)}m_{111}^{(10)}m_{103}^{(11)} - 2m_{011}^{(00)}m_{111}^{(10)}m_{022}^{(20)}\\
&-2m_{011}^{(00)}m_{111}^{(10)}m_{013}^{(10)} - m_{011}^{(00)}m_{111}^{(11)}m_{211}^{(22)} - m_{011}^{(00)}m_{111}^{(11)}m_{202}^{(21)} + m_{011}^{(00)}m_{111}^{(11)}m_{112}^{(20)}\\
&+m_{011}^{(00)}m_{111}^{(11)}m_{103}^{(10)} + m_{011}^{(00)}m_{111}^{(20)}m_{130}^{(22)} - 2m_{011}^{(00)}m_{111}^{(20)}m_{121}^{(21)} - 3m_{011}^{(00)}m_{111}^{(20)}m_{112}^{(11)}\\
&+2m_{011}^{(00)}m_{111}^{(20)}m_{031}^{(20)} + 2m_{011}^{(00)}m_{111}^{(20)}m_{022}^{(10)} - m_{011}^{(00)}m_{111}^{(21)}m_{220}^{(22)} + m_{011}^{(00)}m_{111}^{(21)}m_{202}^{(11)}\\
&+m_{011}^{(00)}m_{111}^{(22)}m_{220}^{(21)} + m_{011}^{(00)}m_{111}^{(22)}m_{211}^{(11)} - m_{011}^{(00)}m_{111}^{(22)}m_{130}^{(20)} - m_{011}^{(00)}m_{111}^{(22)}m_{121}^{(10)}\\
&+2m_{011}^{(00)}m_{102}^{(00)}m_{031}^{(21)} - 2m_{011}^{(00)}m_{102}^{(00)}m_{022}^{(11)} - 3m_{011}^{(00)}m_{102}^{(10)}m_{121}^{(21)} + m_{011}^{(00)}m_{102}^{(10)}m_{112}^{(11)}\\
&+2m_{011}^{(00)}m_{102}^{(10)}m_{022}^{(10)} + m_{011}^{(00)}m_{102}^{(11)}m_{211}^{(21)} - m_{011}^{(00)}m_{102}^{(11)}m_{112}^{(10)} - m_{011}^{(00)}m_{102}^{(20)}m_{130}^{(21)}\\
&+3m_{011}^{(00)}m_{102}^{(20)}m_{121}^{(11)} - 2m_{011}^{(00)}m_{102}^{(20)}m_{031}^{(10)} + m_{011}^{(00)}m_{102}^{(21)}m_{220}^{(21)} - m_{011}^{(00)}m_{102}^{(21)}m_{211}^{(11)}\\
&-m_{011}^{(00)}m_{102}^{(22)}m_{220}^{(11)} + m_{011}^{(00)}m_{102}^{(22)}m_{130}^{(10)} - m_{011}^{(00)}m_{030}^{(00)}m_{112}^{(22)} + m_{011}^{(00)}m_{030}^{(00)}m_{103}^{(21)}\\
&+m_{011}^{(00)}m_{030}^{(10)}m_{202}^{(22)} - m_{011}^{(00)}m_{030}^{(10)}m_{103}^{(20)} + m_{011}^{(00)}m_{030}^{(20)}m_{211}^{(22)} - 2m_{011}^{(00)}m_{030}^{(20)}m_{202}^{(21)}\\
&+m_{011}^{(00)}m_{030}^{(20)}m_{112}^{(20)} - m_{011}^{(00)}m_{030}^{(21)}m_{301}^{(22)} + m_{011}^{(00)}m_{030}^{(21)}m_{202}^{(20)} + m_{011}^{(00)}m_{030}^{(22)}m_{301}^{(21)}\\
&-m_{011}^{(00)}m_{030}^{(22)}m_{211}^{(20)} + m_{011}^{(00)}m_{021}^{(00)}m_{112}^{(21)} - m_{011}^{(00)}m_{021}^{(00)}m_{103}^{(11)} + m_{011}^{(00)}m_{021}^{(10)}m_{211}^{(22)}\\
&-2m_{011}^{(00)}m_{021}^{(10)}m_{202}^{(21)} + m_{011}^{(00)}m_{021}^{(10)}m_{103}^{(10)} - m_{011}^{(00)}m_{021}^{(11)}m_{301}^{(22)} + m_{011}^{(00)}m_{021}^{(11)}m_{202}^{(20)}\\
&-m_{011}^{(00)}m_{021}^{(20)}m_{220}^{(22)} + 2m_{011}^{(00)}m_{021}^{(20)}m_{202}^{(11)} - m_{011}^{(00)}m_{021}^{(20)}m_{112}^{(10)} + m_{011}^{(00)}m_{021}^{(21)}m_{310}^{(22)}
\end{aligned}
$$

$$+2m_{011}^{(00)}m_{021}^{(21)}m_{301}^{(21)} - 2m_{011}^{(00)}m_{021}^{(21)}m_{211}^{(20)} - m_{011}^{(00)}m_{021}^{(21)}m_{202}^{(10)} - m_{011}^{(00)}m_{021}^{(22)}m_{310}^{(21)}$$
$$-m_{011}^{(00)}m_{021}^{(22)}m_{301}^{(11)} + m_{011}^{(00)}m_{021}^{(22)}m_{220}^{(20)} + m_{011}^{(00)}m_{021}^{(22)}m_{211}^{(10)} + m_{011}^{(00)}m_{012}^{(00)}m_{130}^{(22)}$$
$$-m_{011}^{(00)}m_{012}^{(00)}m_{121}^{(21)} - 2m_{011}^{(00)}m_{012}^{(10)}m_{220}^{(22)} + m_{011}^{(00)}m_{012}^{(10)}m_{202}^{(11)} + m_{011}^{(00)}m_{012}^{(10)}m_{121}^{(20)}$$
$$+m_{011}^{(00)}m_{012}^{(11)}m_{310}^{(22)} + m_{011}^{(00)}m_{012}^{(11)}m_{301}^{(21)} - m_{011}^{(00)}m_{012}^{(11)}m_{211}^{(20)} - m_{011}^{(00)}m_{012}^{(11)}m_{202}^{(10)}$$
$$+2m_{011}^{(00)}m_{012}^{(20)}m_{220}^{(21)} - m_{011}^{(00)}m_{012}^{(20)}m_{211}^{(11)} - m_{011}^{(00)}m_{012}^{(20)}m_{130}^{(20)} - 2m_{011}^{(00)}m_{012}^{(21)}m_{310}^{(21)}$$
$$-m_{011}^{(00)}m_{012}^{(21)}m_{301}^{(11)} + m_{011}^{(00)}m_{012}^{(21)}m_{220}^{(20)} + 2m_{011}^{(00)}m_{012}^{(21)}m_{211}^{(10)} + m_{011}^{(00)}m_{012}^{(22)}m_{310}^{(11)}$$
$$-m_{011}^{(00)}m_{012}^{(22)}m_{220}^{(10)} - m_{011}^{(00)}m_{003}^{(00)}m_{130}^{(21)} + m_{011}^{(00)}m_{003}^{(00)}m_{121}^{(11)} + 2m_{011}^{(00)}m_{003}^{(10)}m_{220}^{(21)}$$
$$-m_{011}^{(00)}m_{003}^{(10)}m_{211}^{(11)} - m_{011}^{(00)}m_{003}^{(10)}m_{121}^{(10)} - m_{011}^{(00)}m_{003}^{(11)}m_{310}^{(21)} + m_{011}^{(00)}m_{003}^{(11)}m_{211}^{(10)}$$
$$-m_{011}^{(00)}m_{003}^{(20)}m_{220}^{(11)} + m_{011}^{(00)}m_{003}^{(20)}m_{130}^{(10)} + m_{011}^{(00)}m_{003}^{(21)}m_{310}^{(11)} - m_{011}^{(00)}m_{003}^{(21)}m_{220}^{(10)}$$
$$-4m_{011}^{(10)}m_{210}^{(00)}m_{022}^{(22)} + 4m_{011}^{(10)}m_{210}^{(00)}m_{013}^{(21)} + 6m_{011}^{(10)}m_{210}^{(10)}m_{112}^{(22)} - 2m_{011}^{(10)}m_{210}^{(10)}m_{103}^{(21)}$$
$$-4m_{011}^{(10)}m_{210}^{(10)}m_{013}^{(20)} - 2m_{011}^{(10)}m_{210}^{(11)}m_{202}^{(22)} + 2m_{011}^{(10)}m_{210}^{(11)}m_{103}^{(20)} + 2m_{011}^{(10)}m_{210}^{(20)}m_{121}^{(22)}$$
$$-6m_{011}^{(10)}m_{210}^{(20)}m_{112}^{(21)} + 4m_{011}^{(10)}m_{210}^{(20)}m_{022}^{(20)} - 2m_{011}^{(10)}m_{210}^{(21)}m_{211}^{(22)} + 2m_{011}^{(10)}m_{210}^{(21)}m_{202}^{(21)}$$
$$+2m_{011}^{(10)}m_{210}^{(22)}m_{211}^{(21)} - 2m_{011}^{(10)}m_{210}^{(22)}m_{121}^{(20)} + 2m_{011}^{(10)}m_{201}^{(00)}m_{031}^{(22)} - 2m_{011}^{(10)}m_{201}^{(00)}m_{013}^{(11)}$$
$$-3m_{011}^{(10)}m_{201}^{(10)}m_{121}^{(22)} - 2m_{011}^{(10)}m_{201}^{(10)}m_{112}^{(21)} + m_{011}^{(10)}m_{201}^{(10)}m_{103}^{(11)} + 2m_{011}^{(10)}m_{201}^{(10)}m_{022}^{(20)}$$
$$+2m_{011}^{(10)}m_{201}^{(10)}m_{013}^{(10)} + m_{011}^{(10)}m_{201}^{(11)}m_{211}^{(22)} + m_{011}^{(10)}m_{201}^{(11)}m_{202}^{(21)} - m_{011}^{(10)}m_{201}^{(11)}m_{112}^{(20)}$$
$$-m_{011}^{(10)}m_{201}^{(11)}m_{103}^{(10)} - m_{011}^{(10)}m_{201}^{(20)}m_{130}^{(22)} + 2m_{011}^{(10)}m_{201}^{(20)}m_{121}^{(21)} + 3m_{011}^{(10)}m_{201}^{(20)}m_{112}^{(11)}$$
$$-2m_{011}^{(10)}m_{201}^{(20)}m_{031}^{(20)} - 2m_{011}^{(10)}m_{201}^{(20)}m_{022}^{(10)} + m_{011}^{(10)}m_{201}^{(21)}m_{220}^{(22)} - m_{011}^{(10)}m_{201}^{(21)}m_{202}^{(11)}$$
$$-m_{011}^{(10)}m_{201}^{(22)}m_{220}^{(21)} - m_{011}^{(10)}m_{201}^{(22)}m_{211}^{(11)} + m_{011}^{(10)}m_{201}^{(22)}m_{130}^{(20)} + m_{011}^{(10)}m_{201}^{(22)}m_{121}^{(10)}$$
$$+2m_{011}^{(10)}m_{120}^{(00)}m_{112}^{(22)} - 2m_{011}^{(10)}m_{120}^{(00)}m_{103}^{(21)} - 2m_{011}^{(10)}m_{120}^{(10)}m_{202}^{(22)} + 2m_{011}^{(10)}m_{120}^{(10)}m_{103}^{(20)}$$
$$-2m_{011}^{(10)}m_{120}^{(20)}m_{211}^{(22)} + 4m_{011}^{(10)}m_{120}^{(20)}m_{202}^{(21)} - 2m_{011}^{(10)}m_{120}^{(20)}m_{112}^{(20)} + 2m_{011}^{(10)}m_{120}^{(21)}m_{301}^{(22)}$$
$$-2m_{011}^{(10)}m_{120}^{(21)}m_{202}^{(20)} - 2m_{011}^{(10)}m_{120}^{(22)}m_{301}^{(21)} + 2m_{011}^{(10)}m_{120}^{(22)}m_{211}^{(20)} + 3m_{011}^{(10)}m_{111}^{(00)}m_{121}^{(22)}$$
$$-4m_{011}^{(10)}m_{111}^{(00)}m_{112}^{(21)} + m_{011}^{(10)}m_{111}^{(00)}m_{103}^{(11)} + 2m_{011}^{(10)}m_{111}^{(00)}m_{022}^{(20)} - 2m_{011}^{(10)}m_{111}^{(00)}m_{013}^{(10)}$$
$$-6m_{011}^{(10)}m_{111}^{(10)}m_{211}^{(22)} + 4m_{011}^{(10)}m_{111}^{(10)}m_{202}^{(21)} + 2m_{011}^{(10)}m_{111}^{(10)}m_{013}^{(00)} + 3m_{011}^{(10)}m_{111}^{(11)}m_{301}^{(22)}$$
$$-2m_{011}^{(10)}m_{111}^{(11)}m_{202}^{(20)} - m_{011}^{(10)}m_{111}^{(11)}m_{103}^{(00)} + 4m_{011}^{(10)}m_{111}^{(20)}m_{211}^{(21)} - 2m_{011}^{(10)}m_{111}^{(20)}m_{202}^{(11)}$$
$$-4m_{011}^{(10)}m_{111}^{(20)}m_{121}^{(20)} + 4m_{011}^{(10)}m_{111}^{(20)}m_{112}^{(10)} - 2m_{011}^{(10)}m_{111}^{(20)}m_{022}^{(00)} - 4m_{011}^{(10)}m_{111}^{(21)}m_{301}^{(21)}$$
$$+4m_{011}^{(10)}m_{111}^{(21)}m_{211}^{(20)} + m_{011}^{(10)}m_{111}^{(22)}m_{301}^{(11)} - 2m_{011}^{(10)}m_{111}^{(22)}m_{211}^{(10)} + m_{011}^{(10)}m_{111}^{(22)}m_{121}^{(00)}$$
$$-m_{011}^{(10)}m_{102}^{(00)}m_{130}^{(22)} - 2m_{011}^{(10)}m_{102}^{(00)}m_{121}^{(21)} + 3m_{011}^{(10)}m_{102}^{(00)}m_{112}^{(11)} - 2m_{011}^{(10)}m_{102}^{(00)}m_{031}^{(20)}$$
$$+2m_{011}^{(10)}m_{102}^{(00)}m_{022}^{(10)} + 2m_{011}^{(10)}m_{102}^{(10)}m_{220}^{(22)} + 4m_{011}^{(10)}m_{102}^{(10)}m_{211}^{(21)} - 2m_{011}^{(10)}m_{102}^{(10)}m_{202}^{(11)}$$
$$+2m_{011}^{(10)}m_{102}^{(10)}m_{121}^{(20)} - 4m_{011}^{(10)}m_{102}^{(10)}m_{112}^{(10)} - 2m_{011}^{(10)}m_{102}^{(10)}m_{022}^{(00)} - m_{011}^{(10)}m_{102}^{(11)}m_{310}^{(22)}$$
$$-2m_{011}^{(10)}m_{102}^{(11)}m_{301}^{(21)} + 2m_{011}^{(10)}m_{102}^{(11)}m_{202}^{(10)} + m_{011}^{(10)}m_{102}^{(11)}m_{112}^{(00)} - 4m_{011}^{(10)}m_{102}^{(20)}m_{211}^{(11)}$$
$$+2m_{011}^{(10)}m_{102}^{(20)}m_{130}^{(20)} + 2m_{011}^{(10)}m_{102}^{(20)}m_{031}^{(00)} + 2m_{011}^{(10)}m_{102}^{(21)}m_{301}^{(11)} - 2m_{011}^{(10)}m_{102}^{(21)}m_{220}^{(20)}$$
$$+m_{011}^{(10)}m_{102}^{(22)}m_{310}^{(11)} - m_{011}^{(10)}m_{102}^{(22)}m_{130}^{(00)} - m_{011}^{(10)}m_{021}^{(00)}m_{211}^{(22)} + m_{011}^{(10)}m_{021}^{(00)}m_{202}^{(21)}$$
$$-m_{011}^{(10)}m_{021}^{(00)}m_{112}^{(20)} + m_{011}^{(10)}m_{021}^{(00)}m_{103}^{(10)} + m_{011}^{(10)}m_{021}^{(10)}m_{301}^{(22)} - m_{011}^{(10)}m_{021}^{(10)}m_{103}^{(00)}$$
$$+m_{011}^{(10)}m_{021}^{(20)}m_{310}^{(22)} - 2m_{011}^{(10)}m_{021}^{(20)}m_{301}^{(21)} + 2m_{011}^{(10)}m_{021}^{(20)}m_{211}^{(20)} - 2m_{011}^{(10)}m_{021}^{(20)}m_{202}^{(10)}$$
$$+m_{011}^{(10)}m_{021}^{(20)}m_{112}^{(00)} - m_{011}^{(10)}m_{021}^{(21)}m_{400}^{(22)} + m_{011}^{(10)}m_{021}^{(21)}m_{202}^{(00)} + m_{011}^{(10)}m_{021}^{(22)}m_{400}^{(21)}$$
$$-m_{011}^{(10)}m_{021}^{(22)}m_{310}^{(20)} + m_{011}^{(10)}m_{021}^{(22)}m_{301}^{(10)} - m_{011}^{(10)}m_{021}^{(22)}m_{211}^{(00)} - m_{011}^{(10)}m_{012}^{(00)}m_{220}^{(22)}$$
$$+2m_{011}^{(10)}m_{012}^{(00)}m_{211}^{(21)} - m_{011}^{(10)}m_{012}^{(00)}m_{202}^{(11)} + 2m_{011}^{(10)}m_{012}^{(10)}m_{310}^{(22)} - 2m_{011}^{(10)}m_{012}^{(10)}m_{301}^{(21)}$$
$$-m_{011}^{(10)}m_{012}^{(11)}m_{400}^{(22)} + m_{011}^{(10)}m_{012}^{(11)}m_{202}^{(00)} - 2m_{011}^{(10)}m_{012}^{(20)}m_{310}^{(21)} + 2m_{011}^{(10)}m_{012}^{(20)}m_{301}^{(11)}$$

$$+2m_{011}^{(10)}m_{012}^{(21)}m_{400}^{(21)} - 2m_{011}^{(10)}m_{012}^{(21)}m_{211}^{(00)} - m_{011}^{(10)}m_{012}^{(22)}m_{400}^{(11)} + m_{011}^{(10)}m_{012}^{(22)}m_{220}^{(00)}$$
$$+m_{011}^{(10)}m_{003}^{(00)}m_{220}^{(21)} - m_{011}^{(10)}m_{003}^{(00)}m_{211}^{(11)} + m_{011}^{(10)}m_{003}^{(00)}m_{130}^{(20)} - m_{011}^{(10)}m_{003}^{(00)}m_{121}^{(10)}$$
$$-2m_{011}^{(10)}m_{003}^{(10)}m_{310}^{(21)} + m_{011}^{(10)}m_{003}^{(10)}m_{301}^{(11)} - 2m_{011}^{(10)}m_{003}^{(10)}m_{220}^{(20)} + 2m_{011}^{(10)}m_{003}^{(10)}m_{211}^{(10)}$$
$$+m_{011}^{(10)}m_{003}^{(10)}m_{121}^{(00)} + m_{011}^{(10)}m_{003}^{(11)}m_{400}^{(21)} + m_{011}^{(10)}m_{003}^{(11)}m_{310}^{(20)} - m_{011}^{(10)}m_{003}^{(11)}m_{301}^{(10)}$$
$$-m_{011}^{(10)}m_{003}^{(11)}m_{211}^{(00)} + m_{011}^{(10)}m_{003}^{(20)}m_{310}^{(11)} - m_{011}^{(10)}m_{003}^{(20)}m_{130}^{(00)} - m_{011}^{(10)}m_{003}^{(21)}m_{400}^{(11)}$$
$$+m_{011}^{(10)}m_{003}^{(21)}m_{220}^{(00)} + 2m_{011}^{(11)}m_{300}^{(00)}m_{022}^{(22)} - 2m_{011}^{(11)}m_{300}^{(00)}m_{013}^{(21)} - 3m_{011}^{(11)}m_{300}^{(10)}m_{112}^{(22)}$$
$$+m_{011}^{(11)}m_{300}^{(10)}m_{103}^{(21)} + 2m_{011}^{(11)}m_{300}^{(10)}m_{013}^{(20)} + m_{011}^{(11)}m_{300}^{(11)}m_{202}^{(22)} - m_{011}^{(11)}m_{300}^{(11)}m_{103}^{(20)}$$
$$-m_{011}^{(11)}m_{300}^{(20)}m_{121}^{(22)} + 3m_{011}^{(11)}m_{300}^{(20)}m_{112}^{(21)} - 2m_{011}^{(11)}m_{300}^{(20)}m_{022}^{(20)} + m_{011}^{(11)}m_{300}^{(21)}m_{211}^{(22)}$$
$$-m_{011}^{(11)}m_{300}^{(21)}m_{202}^{(21)} - m_{011}^{(11)}m_{300}^{(22)}m_{211}^{(21)} + m_{011}^{(11)}m_{300}^{(22)}m_{121}^{(20)} - m_{011}^{(11)}m_{210}^{(00)}m_{112}^{(22)}$$
$$+m_{011}^{(11)}m_{210}^{(00)}m_{103}^{(21)} + m_{011}^{(11)}m_{210}^{(10)}m_{202}^{(22)} - m_{011}^{(11)}m_{210}^{(10)}m_{103}^{(20)} + m_{011}^{(11)}m_{210}^{(20)}m_{211}^{(22)}$$
$$-2m_{011}^{(11)}m_{210}^{(20)}m_{202}^{(21)} + m_{011}^{(11)}m_{210}^{(20)}m_{112}^{(20)} - m_{011}^{(11)}m_{210}^{(21)}m_{301}^{(22)} + m_{011}^{(11)}m_{210}^{(21)}m_{202}^{(20)}$$
$$+m_{011}^{(11)}m_{210}^{(22)}m_{301}^{(21)} - m_{011}^{(11)}m_{210}^{(22)}m_{211}^{(20)} - 3m_{011}^{(11)}m_{201}^{(00)}m_{121}^{(22)} + 3m_{011}^{(11)}m_{201}^{(00)}m_{112}^{(21)}$$
$$-2m_{011}^{(11)}m_{201}^{(00)}m_{022}^{(20)} + 2m_{011}^{(11)}m_{201}^{(00)}m_{013}^{(10)} + 5m_{011}^{(11)}m_{201}^{(10)}m_{211}^{(22)} - 2m_{011}^{(11)}m_{201}^{(10)}m_{202}^{(21)}$$
$$-m_{011}^{(11)}m_{201}^{(10)}m_{103}^{(10)} - 2m_{011}^{(11)}m_{201}^{(10)}m_{013}^{(00)} - 2m_{011}^{(11)}m_{201}^{(11)}m_{301}^{(22)} + m_{011}^{(11)}m_{201}^{(11)}m_{202}^{(20)}$$
$$+m_{011}^{(11)}m_{201}^{(11)}m_{103}^{(00)} + m_{011}^{(11)}m_{201}^{(20)}m_{220}^{(22)} - 4m_{011}^{(11)}m_{201}^{(20)}m_{211}^{(21)} + 4m_{011}^{(11)}m_{201}^{(20)}m_{121}^{(20)}$$
$$-3m_{011}^{(11)}m_{201}^{(20)}m_{112}^{(10)} + 2m_{011}^{(11)}m_{201}^{(20)}m_{022}^{(00)} - m_{011}^{(11)}m_{201}^{(21)}m_{310}^{(22)} + 2m_{011}^{(11)}m_{201}^{(21)}m_{301}^{(21)}$$
$$-2m_{011}^{(11)}m_{201}^{(21)}m_{211}^{(20)} + m_{011}^{(11)}m_{201}^{(21)}m_{202}^{(10)} + m_{011}^{(11)}m_{201}^{(22)}m_{310}^{(21)} - m_{011}^{(11)}m_{201}^{(22)}m_{220}^{(20)}$$
$$+m_{011}^{(11)}m_{201}^{(22)}m_{211}^{(10)} - m_{011}^{(11)}m_{201}^{(22)}m_{121}^{(00)} + m_{011}^{(11)}m_{111}^{(00)}m_{211}^{(22)} - m_{011}^{(11)}m_{111}^{(00)}m_{202}^{(21)}$$
$$+m_{011}^{(11)}m_{111}^{(00)}m_{112}^{(20)} - m_{011}^{(11)}m_{111}^{(00)}m_{103}^{(10)} - m_{011}^{(11)}m_{111}^{(10)}m_{301}^{(22)} + m_{011}^{(11)}m_{111}^{(10)}m_{103}^{(00)}$$
$$-m_{011}^{(11)}m_{111}^{(20)}m_{310}^{(22)} + 2m_{011}^{(11)}m_{111}^{(20)}m_{301}^{(21)} - 2m_{011}^{(11)}m_{111}^{(20)}m_{211}^{(20)} + 2m_{011}^{(11)}m_{111}^{(20)}m_{202}^{(10)}$$
$$-m_{011}^{(11)}m_{111}^{(20)}m_{112}^{(00)} + m_{011}^{(11)}m_{111}^{(21)}m_{400}^{(22)} - m_{011}^{(11)}m_{111}^{(21)}m_{202}^{(00)} - m_{011}^{(11)}m_{111}^{(22)}m_{400}^{(21)}$$
$$+m_{011}^{(11)}m_{111}^{(22)}m_{310}^{(20)} - m_{011}^{(11)}m_{111}^{(22)}m_{301}^{(10)} + m_{011}^{(11)}m_{111}^{(22)}m_{211}^{(00)} + m_{011}^{(11)}m_{102}^{(00)}m_{220}^{(22)}$$
$$-m_{011}^{(11)}m_{102}^{(00)}m_{211}^{(21)} + 3m_{011}^{(11)}m_{102}^{(00)}m_{121}^{(20)} - 3m_{011}^{(11)}m_{102}^{(00)}m_{112}^{(10)} - 2m_{011}^{(11)}m_{102}^{(10)}m_{310}^{(22)}$$
$$+m_{011}^{(11)}m_{102}^{(10)}m_{301}^{(21)} - 4m_{011}^{(11)}m_{102}^{(10)}m_{211}^{(20)} + 2m_{011}^{(11)}m_{102}^{(10)}m_{202}^{(10)} + 3m_{011}^{(11)}m_{102}^{(10)}m_{112}^{(00)}$$
$$+m_{011}^{(11)}m_{102}^{(11)}m_{400}^{(22)} + m_{011}^{(11)}m_{102}^{(11)}m_{301}^{(20)} - 2m_{011}^{(11)}m_{102}^{(11)}m_{202}^{(00)} + m_{011}^{(11)}m_{102}^{(20)}m_{310}^{(21)}$$
$$-2m_{011}^{(11)}m_{102}^{(20)}m_{220}^{(20)} + 4m_{011}^{(11)}m_{102}^{(20)}m_{211}^{(10)} - 3m_{011}^{(11)}m_{102}^{(20)}m_{121}^{(00)} - m_{011}^{(11)}m_{102}^{(21)}m_{400}^{(21)}$$
$$+2m_{011}^{(11)}m_{102}^{(21)}m_{310}^{(20)} - 2m_{011}^{(11)}m_{102}^{(21)}m_{301}^{(10)} + m_{011}^{(11)}m_{102}^{(21)}m_{211}^{(00)} - m_{011}^{(11)}m_{102}^{(22)}m_{310}^{(10)}$$
$$+m_{011}^{(11)}m_{102}^{(22)}m_{220}^{(00)} - m_{011}^{(11)}m_{012}^{(00)}m_{211}^{(20)} + m_{011}^{(11)}m_{012}^{(00)}m_{202}^{(10)} + m_{011}^{(11)}m_{012}^{(10)}m_{301}^{(20)}$$
$$-m_{011}^{(11)}m_{012}^{(10)}m_{202}^{(00)} + m_{011}^{(11)}m_{012}^{(20)}m_{310}^{(20)} - 2m_{011}^{(11)}m_{012}^{(20)}m_{301}^{(10)} + m_{011}^{(11)}m_{012}^{(20)}m_{211}^{(00)}$$
$$-m_{011}^{(11)}m_{012}^{(21)}m_{400}^{(20)} + m_{011}^{(11)}m_{012}^{(21)}m_{301}^{(00)} + m_{011}^{(11)}m_{012}^{(22)}m_{400}^{(10)} - m_{011}^{(11)}m_{012}^{(22)}m_{310}^{(00)}$$
$$-m_{011}^{(11)}m_{003}^{(00)}m_{220}^{(20)} + m_{011}^{(11)}m_{003}^{(00)}m_{211}^{(10)} + 2m_{011}^{(11)}m_{003}^{(10)}m_{310}^{(20)} - m_{011}^{(11)}m_{003}^{(10)}m_{301}^{(10)}$$
$$-m_{011}^{(11)}m_{003}^{(10)}m_{211}^{(00)} - m_{011}^{(11)}m_{003}^{(11)}m_{400}^{(20)} + m_{011}^{(11)}m_{003}^{(11)}m_{301}^{(00)} - m_{011}^{(11)}m_{003}^{(20)}m_{310}^{(10)}$$
$$+m_{011}^{(11)}m_{003}^{(20)}m_{220}^{(00)} + m_{011}^{(11)}m_{003}^{(21)}m_{400}^{(10)} - m_{011}^{(11)}m_{003}^{(21)}m_{310}^{(00)} + 2m_{011}^{(20)}m_{210}^{(00)}m_{031}^{(22)}$$
$$-2m_{011}^{(20)}m_{210}^{(00)}m_{013}^{(11)} - 3m_{011}^{(20)}m_{210}^{(10)}m_{121}^{(22)} - 2m_{011}^{(20)}m_{210}^{(10)}m_{112}^{(21)} + m_{011}^{(20)}m_{210}^{(10)}m_{103}^{(11)}$$
$$+2m_{011}^{(20)}m_{210}^{(10)}m_{022}^{(20)} + 2m_{011}^{(20)}m_{210}^{(10)}m_{013}^{(10)} + m_{011}^{(20)}m_{210}^{(11)}m_{211}^{(22)} + m_{011}^{(20)}m_{210}^{(11)}m_{202}^{(21)}$$
$$-m_{011}^{(20)}m_{210}^{(11)}m_{112}^{(20)} - m_{011}^{(20)}m_{210}^{(11)}m_{103}^{(10)} - m_{011}^{(20)}m_{210}^{(20)}m_{130}^{(22)} + 2m_{011}^{(20)}m_{210}^{(20)}m_{121}^{(21)}$$
$$+3m_{011}^{(20)}m_{210}^{(20)}m_{112}^{(11)} - 2m_{011}^{(20)}m_{210}^{(20)}m_{031}^{(20)} - 2m_{011}^{(20)}m_{210}^{(20)}m_{022}^{(10)} + m_{011}^{(20)}m_{210}^{(21)}m_{220}^{(22)}$$
$$-m_{011}^{(20)}m_{210}^{(21)}m_{202}^{(11)} - m_{011}^{(20)}m_{210}^{(22)}m_{220}^{(21)} - m_{011}^{(20)}m_{210}^{(22)}m_{211}^{(11)} + m_{011}^{(20)}m_{210}^{(22)}m_{130}^{(20)}$$

$$+m_{011}^{(20)}m_{210}^{(22)}m_{121}^{(10)} - 4m_{011}^{(20)}m_{201}^{(00)}m_{031}^{(21)} + 4m_{011}^{(20)}m_{201}^{(00)}m_{022}^{(11)} + 6m_{011}^{(20)}m_{201}^{(10)}m_{121}^{(21)}$$
$$-2m_{011}^{(20)}m_{201}^{(10)}m_{112}^{(11)} - 4m_{011}^{(20)}m_{201}^{(10)}m_{022}^{(10)} - 2m_{011}^{(20)}m_{201}^{(11)}m_{211}^{(21)} + 2m_{011}^{(20)}m_{201}^{(11)}m_{112}^{(10)}$$
$$+2m_{011}^{(20)}m_{201}^{(20)}m_{130}^{(21)} - 6m_{011}^{(20)}m_{201}^{(20)}m_{121}^{(11)} + 4m_{011}^{(20)}m_{201}^{(20)}m_{031}^{(10)} - 2m_{011}^{(20)}m_{201}^{(21)}m_{220}^{(21)}$$
$$+2m_{011}^{(20)}m_{201}^{(21)}m_{211}^{(11)} + 2m_{011}^{(20)}m_{201}^{(22)}m_{220}^{(11)} - 2m_{011}^{(20)}m_{201}^{(22)}m_{130}^{(10)} - 3m_{011}^{(20)}m_{120}^{(00)}m_{121}^{(22)}$$
$$+2m_{011}^{(20)}m_{120}^{(00)}m_{112}^{(21)} + m_{011}^{(20)}m_{120}^{(00)}m_{103}^{(11)} - 2m_{011}^{(20)}m_{120}^{(00)}m_{022}^{(20)} + 2m_{011}^{(20)}m_{120}^{(00)}m_{013}^{(10)}$$
$$+4m_{011}^{(20)}m_{120}^{(10)}m_{211}^{(22)} - 2m_{011}^{(20)}m_{120}^{(10)}m_{103}^{(10)} - 2m_{011}^{(20)}m_{120}^{(10)}m_{013}^{(00)} - m_{011}^{(20)}m_{120}^{(11)}m_{301}^{(22)}$$
$$+m_{011}^{(20)}m_{120}^{(11)}m_{103}^{(00)} + 2m_{011}^{(20)}m_{120}^{(20)}m_{220}^{(22)} - 4m_{011}^{(20)}m_{120}^{(20)}m_{211}^{(21)} - 2m_{011}^{(20)}m_{120}^{(20)}m_{202}^{(11)}$$
$$+4m_{011}^{(20)}m_{120}^{(20)}m_{121}^{(20)} - 2m_{011}^{(20)}m_{120}^{(20)}m_{112}^{(10)} + 2m_{011}^{(20)}m_{120}^{(20)}m_{022}^{(00)} - 2m_{011}^{(20)}m_{120}^{(21)}m_{310}^{(22)}$$
$$+2m_{011}^{(20)}m_{120}^{(21)}m_{202}^{(10)} + 2m_{011}^{(20)}m_{120}^{(22)}m_{310}^{(21)} + m_{011}^{(20)}m_{120}^{(22)}m_{301}^{(11)} - 2m_{011}^{(20)}m_{120}^{(22)}m_{220}^{(20)}$$
$$-m_{011}^{(20)}m_{120}^{(22)}m_{121}^{(00)} - m_{011}^{(20)}m_{111}^{(00)}m_{130}^{(22)} + 4m_{011}^{(20)}m_{111}^{(00)}m_{121}^{(21)} - 3m_{011}^{(20)}m_{111}^{(00)}m_{112}^{(11)}$$
$$+2m_{011}^{(20)}m_{111}^{(00)}m_{031}^{(20)} - 2m_{011}^{(20)}m_{111}^{(00)}m_{022}^{(10)} + 2m_{011}^{(20)}m_{111}^{(10)}m_{220}^{(22)} - 4m_{011}^{(20)}m_{111}^{(10)}m_{211}^{(21)}$$
$$-4m_{011}^{(20)}m_{111}^{(10)}m_{121}^{(20)} + 4m_{011}^{(20)}m_{111}^{(10)}m_{112}^{(10)} + 2m_{011}^{(20)}m_{111}^{(10)}m_{022}^{(00)} - m_{011}^{(20)}m_{111}^{(11)}m_{310}^{(22)}$$
$$+2m_{011}^{(20)}m_{111}^{(11)}m_{211}^{(20)} - m_{011}^{(20)}m_{111}^{(11)}m_{112}^{(00)} - 4m_{011}^{(20)}m_{111}^{(20)}m_{220}^{(21)} + 6m_{011}^{(20)}m_{111}^{(20)}m_{211}^{(11)}$$
$$-2m_{011}^{(20)}m_{111}^{(20)}m_{031}^{(00)} + 4m_{011}^{(20)}m_{111}^{(21)}m_{310}^{(21)} - 4m_{011}^{(20)}m_{111}^{(21)}m_{211}^{(10)} - 3m_{011}^{(20)}m_{111}^{(22)}m_{310}^{(11)}$$
$$+2m_{011}^{(20)}m_{111}^{(22)}m_{220}^{(10)} + m_{011}^{(20)}m_{111}^{(22)}m_{130}^{(00)} + 2m_{011}^{(20)}m_{102}^{(00)}m_{130}^{(21)} - 2m_{011}^{(20)}m_{102}^{(00)}m_{121}^{(11)}$$
$$-4m_{011}^{(20)}m_{102}^{(10)}m_{220}^{(21)} + 2m_{011}^{(20)}m_{102}^{(10)}m_{211}^{(11)} + 2m_{011}^{(20)}m_{102}^{(10)}m_{121}^{(10)} + 2m_{011}^{(20)}m_{102}^{(11)}m_{310}^{(21)}$$
$$-2m_{011}^{(20)}m_{102}^{(11)}m_{211}^{(10)} + 2m_{011}^{(20)}m_{102}^{(20)}m_{220}^{(11)} - 2m_{011}^{(20)}m_{102}^{(20)}m_{130}^{(10)} - 2m_{011}^{(20)}m_{102}^{(21)}m_{310}^{(11)}$$
$$+2m_{011}^{(20)}m_{102}^{(21)}m_{220}^{(10)} + m_{011}^{(20)}m_{030}^{(00)}m_{211}^{(22)} - m_{011}^{(20)}m_{030}^{(00)}m_{202}^{(21)} + m_{011}^{(20)}m_{030}^{(00)}m_{112}^{(20)}$$
$$-m_{011}^{(20)}m_{030}^{(00)}m_{103}^{(10)} - m_{011}^{(20)}m_{030}^{(10)}m_{301}^{(22)} + m_{011}^{(20)}m_{030}^{(10)}m_{103}^{(00)} - m_{011}^{(20)}m_{030}^{(20)}m_{310}^{(22)}$$
$$+2m_{011}^{(20)}m_{030}^{(20)}m_{301}^{(21)} - 2m_{011}^{(20)}m_{030}^{(20)}m_{211}^{(20)} + 2m_{011}^{(20)}m_{030}^{(20)}m_{202}^{(10)} - m_{011}^{(20)}m_{030}^{(20)}m_{112}^{(00)}$$
$$+m_{011}^{(20)}m_{030}^{(21)}m_{400}^{(22)} - m_{011}^{(20)}m_{030}^{(21)}m_{202}^{(00)} - m_{011}^{(20)}m_{030}^{(22)}m_{400}^{(21)} + m_{011}^{(20)}m_{030}^{(22)}m_{310}^{(20)}$$
$$-m_{011}^{(20)}m_{030}^{(22)}m_{301}^{(10)} + m_{011}^{(20)}m_{030}^{(22)}m_{211}^{(00)} + m_{011}^{(20)}m_{021}^{(00)}m_{220}^{(22)} - 2m_{011}^{(20)}m_{021}^{(00)}m_{211}^{(21)}$$
$$+m_{011}^{(20)}m_{021}^{(00)}m_{202}^{(11)} - 2m_{011}^{(20)}m_{021}^{(10)}m_{310}^{(22)} + 2m_{011}^{(20)}m_{021}^{(10)}m_{301}^{(21)} + m_{011}^{(20)}m_{021}^{(11)}m_{400}^{(22)}$$
$$-m_{011}^{(20)}m_{021}^{(11)}m_{202}^{(00)} + 2m_{011}^{(20)}m_{021}^{(20)}m_{310}^{(21)} - 2m_{011}^{(20)}m_{021}^{(20)}m_{301}^{(11)} - 2m_{011}^{(20)}m_{021}^{(21)}m_{400}^{(21)}$$
$$+2m_{011}^{(20)}m_{021}^{(21)}m_{211}^{(00)} + m_{011}^{(20)}m_{021}^{(22)}m_{400}^{(11)} - m_{011}^{(20)}m_{021}^{(22)}m_{220}^{(00)} - m_{011}^{(20)}m_{012}^{(00)}m_{220}^{(21)}$$
$$+m_{011}^{(20)}m_{012}^{(00)}m_{211}^{(11)} - m_{011}^{(20)}m_{012}^{(00)}m_{130}^{(20)} + m_{011}^{(20)}m_{012}^{(00)}m_{121}^{(10)} + 2m_{011}^{(20)}m_{012}^{(10)}m_{310}^{(21)}$$
$$-m_{011}^{(20)}m_{012}^{(10)}m_{301}^{(11)} + 2m_{011}^{(20)}m_{012}^{(10)}m_{220}^{(20)} - 2m_{011}^{(20)}m_{012}^{(10)}m_{211}^{(10)} - m_{011}^{(20)}m_{012}^{(10)}m_{121}^{(00)}$$
$$-m_{011}^{(20)}m_{012}^{(11)}m_{400}^{(21)} - m_{011}^{(20)}m_{012}^{(11)}m_{310}^{(20)} + m_{011}^{(20)}m_{012}^{(11)}m_{301}^{(10)} + m_{011}^{(20)}m_{012}^{(11)}m_{211}^{(00)}$$
$$-m_{011}^{(20)}m_{012}^{(20)}m_{310}^{(11)} + m_{011}^{(20)}m_{012}^{(20)}m_{130}^{(00)} + m_{011}^{(20)}m_{012}^{(21)}m_{400}^{(11)} - m_{011}^{(20)}m_{012}^{(21)}m_{220}^{(00)}$$
$$-2m_{011}^{(21)}m_{300}^{(00)}m_{031}^{(22)} + 2m_{011}^{(21)}m_{300}^{(00)}m_{013}^{(11)} + 3m_{011}^{(21)}m_{300}^{(10)}m_{121}^{(22)} + 2m_{011}^{(21)}m_{300}^{(10)}m_{112}^{(21)}$$
$$-m_{011}^{(21)}m_{300}^{(10)}m_{103}^{(11)} - 2m_{011}^{(21)}m_{300}^{(10)}m_{022}^{(20)} - 2m_{011}^{(21)}m_{300}^{(10)}m_{013}^{(10)} - m_{011}^{(21)}m_{300}^{(11)}m_{211}^{(22)}$$
$$-m_{011}^{(21)}m_{300}^{(11)}m_{202}^{(21)} + m_{011}^{(21)}m_{300}^{(11)}m_{112}^{(20)} + m_{011}^{(21)}m_{300}^{(11)}m_{103}^{(10)} + m_{011}^{(21)}m_{300}^{(20)}m_{130}^{(22)}$$
$$-2m_{011}^{(21)}m_{300}^{(20)}m_{121}^{(21)} - 3m_{011}^{(21)}m_{300}^{(20)}m_{112}^{(11)} + 2m_{011}^{(21)}m_{300}^{(20)}m_{031}^{(20)} + 2m_{011}^{(21)}m_{300}^{(20)}m_{022}^{(10)}$$
$$-m_{011}^{(21)}m_{300}^{(21)}m_{220}^{(22)} + m_{011}^{(21)}m_{300}^{(21)}m_{202}^{(11)} + m_{011}^{(21)}m_{300}^{(22)}m_{220}^{(21)} + m_{011}^{(21)}m_{300}^{(22)}m_{211}^{(11)}$$
$$-m_{011}^{(21)}m_{300}^{(22)}m_{130}^{(20)} - m_{011}^{(21)}m_{300}^{(22)}m_{121}^{(10)} + 3m_{011}^{(21)}m_{210}^{(00)}m_{121}^{(22)} - 2m_{011}^{(21)}m_{210}^{(00)}m_{112}^{(21)}$$
$$-m_{011}^{(21)}m_{210}^{(00)}m_{103}^{(11)} + 2m_{011}^{(21)}m_{210}^{(00)}m_{022}^{(20)} - 2m_{011}^{(21)}m_{210}^{(00)}m_{013}^{(10)} - 4m_{011}^{(21)}m_{210}^{(10)}m_{211}^{(22)}$$
$$+2m_{011}^{(21)}m_{210}^{(10)}m_{103}^{(10)} + 2m_{011}^{(21)}m_{210}^{(10)}m_{013}^{(00)} + m_{011}^{(21)}m_{210}^{(11)}m_{301}^{(22)} - m_{011}^{(21)}m_{210}^{(11)}m_{103}^{(00)}$$
$$-2m_{011}^{(21)}m_{210}^{(20)}m_{220}^{(22)} + 4m_{011}^{(21)}m_{210}^{(20)}m_{211}^{(21)} + 2m_{011}^{(21)}m_{210}^{(20)}m_{202}^{(11)} - 4m_{011}^{(21)}m_{210}^{(20)}m_{121}^{(20)}$$

$$+2m_{011}^{(21)}m_{210}^{(20)}m_{112}^{(10)} - 2m_{011}^{(21)}m_{210}^{(20)}m_{022}^{(00)} + 2m_{011}^{(21)}m_{210}^{(21)}m_{310}^{(22)} - 2m_{011}^{(21)}m_{210}^{(21)}m_{202}^{(10)}$$
$$-2m_{011}^{(21)}m_{210}^{(22)}m_{310}^{(21)} - m_{011}^{(21)}m_{210}^{(22)}m_{301}^{(11)} + 2m_{011}^{(21)}m_{210}^{(22)}m_{220}^{(20)} + m_{011}^{(21)}m_{210}^{(22)}m_{121}^{(00)}$$
$$+m_{011}^{(21)}m_{201}^{(00)}m_{130}^{(22)} + 2m_{011}^{(21)}m_{201}^{(00)}m_{121}^{(21)} - 3m_{011}^{(21)}m_{201}^{(00)}m_{112}^{(11)} + 2m_{011}^{(21)}m_{201}^{(00)}m_{031}^{(20)}$$
$$-2m_{011}^{(21)}m_{201}^{(00)}m_{022}^{(10)} - 2m_{011}^{(21)}m_{201}^{(10)}m_{220}^{(22)} - 4m_{011}^{(21)}m_{201}^{(10)}m_{211}^{(21)} + 2m_{011}^{(21)}m_{201}^{(10)}m_{202}^{(11)}$$
$$-2m_{011}^{(21)}m_{201}^{(10)}m_{121}^{(20)} + 4m_{011}^{(21)}m_{201}^{(10)}m_{112}^{(10)} + 2m_{011}^{(21)}m_{201}^{(10)}m_{022}^{(00)} + m_{011}^{(21)}m_{201}^{(11)}m_{310}^{(22)}$$
$$+2m_{011}^{(21)}m_{201}^{(11)}m_{301}^{(21)} - 2m_{011}^{(21)}m_{201}^{(11)}m_{202}^{(10)} - m_{011}^{(21)}m_{201}^{(11)}m_{112}^{(00)} + 4m_{011}^{(21)}m_{201}^{(20)}m_{211}^{(11)}$$
$$-2m_{011}^{(21)}m_{201}^{(20)}m_{130}^{(20)} - 2m_{011}^{(21)}m_{201}^{(20)}m_{031}^{(00)} - 2m_{011}^{(21)}m_{201}^{(21)}m_{301}^{(11)} + 2m_{011}^{(21)}m_{201}^{(21)}m_{220}^{(20)}$$
$$-m_{011}^{(21)}m_{201}^{(22)}m_{310}^{(11)} + m_{011}^{(21)}m_{201}^{(22)}m_{130}^{(00)} - m_{011}^{(21)}m_{120}^{(00)}m_{211}^{(22)} + m_{011}^{(21)}m_{120}^{(00)}m_{202}^{(21)}$$
$$-m_{011}^{(21)}m_{120}^{(00)}m_{112}^{(20)} + m_{011}^{(21)}m_{120}^{(00)}m_{103}^{(10)} + m_{011}^{(21)}m_{120}^{(10)}m_{301}^{(22)} - m_{011}^{(21)}m_{120}^{(10)}m_{103}^{(00)}$$
$$+m_{011}^{(21)}m_{120}^{(20)}m_{310}^{(22)} - 2m_{011}^{(21)}m_{120}^{(20)}m_{301}^{(21)} + 2m_{011}^{(21)}m_{120}^{(20)}m_{211}^{(20)} - 2m_{011}^{(21)}m_{120}^{(20)}m_{202}^{(10)}$$
$$+m_{011}^{(21)}m_{120}^{(20)}m_{112}^{(00)} - m_{011}^{(21)}m_{120}^{(21)}m_{400}^{(22)} + m_{011}^{(21)}m_{120}^{(21)}m_{202}^{(00)} + m_{011}^{(21)}m_{120}^{(22)}m_{400}^{(21)}$$
$$-m_{011}^{(21)}m_{120}^{(22)}m_{310}^{(20)} + m_{011}^{(21)}m_{120}^{(22)}m_{301}^{(10)} - m_{011}^{(21)}m_{120}^{(22)}m_{211}^{(00)} - m_{011}^{(21)}m_{111}^{(00)}m_{220}^{(22)}$$
$$+m_{011}^{(21)}m_{111}^{(00)}m_{202}^{(11)} - 6m_{011}^{(21)}m_{111}^{(00)}m_{121}^{(20)} + 6m_{011}^{(21)}m_{111}^{(00)}m_{112}^{(10)} + 2m_{011}^{(21)}m_{111}^{(10)}m_{310}^{(22)}$$
$$+8m_{011}^{(21)}m_{111}^{(10)}m_{211}^{(20)} - 4m_{011}^{(21)}m_{111}^{(10)}m_{202}^{(10)} - 6m_{011}^{(21)}m_{111}^{(10)}m_{112}^{(00)} - m_{011}^{(21)}m_{111}^{(11)}m_{400}^{(22)}$$
$$-2m_{011}^{(21)}m_{111}^{(11)}m_{301}^{(20)} + 3m_{011}^{(21)}m_{111}^{(11)}m_{202}^{(00)} - 2m_{011}^{(21)}m_{111}^{(20)}m_{301}^{(11)} + 4m_{011}^{(21)}m_{111}^{(20)}m_{220}^{(20)}$$
$$-8m_{011}^{(21)}m_{111}^{(20)}m_{211}^{(10)} + 6m_{011}^{(21)}m_{111}^{(20)}m_{121}^{(00)} - 4m_{011}^{(21)}m_{111}^{(21)}m_{310}^{(20)} + 4m_{011}^{(21)}m_{111}^{(21)}m_{301}^{(10)}$$
$$+m_{011}^{(21)}m_{111}^{(22)}m_{400}^{(11)} + 2m_{011}^{(21)}m_{111}^{(22)}m_{310}^{(10)} - 3m_{011}^{(21)}m_{111}^{(22)}m_{220}^{(00)} - m_{011}^{(21)}m_{102}^{(00)}m_{220}^{(21)}$$
$$+m_{011}^{(21)}m_{102}^{(00)}m_{211}^{(11)} - m_{011}^{(21)}m_{102}^{(00)}m_{130}^{(20)} + m_{011}^{(21)}m_{102}^{(00)}m_{121}^{(10)} + 2m_{011}^{(21)}m_{102}^{(10)}m_{310}^{(21)}$$
$$-m_{011}^{(21)}m_{102}^{(10)}m_{301}^{(11)} + 2m_{011}^{(21)}m_{102}^{(10)}m_{220}^{(20)} - 2m_{011}^{(21)}m_{102}^{(10)}m_{211}^{(10)} - m_{011}^{(21)}m_{102}^{(10)}m_{121}^{(00)}$$
$$-m_{011}^{(21)}m_{102}^{(11)}m_{400}^{(21)} - m_{011}^{(21)}m_{102}^{(11)}m_{310}^{(20)} + m_{011}^{(21)}m_{102}^{(11)}m_{301}^{(10)} + m_{011}^{(21)}m_{102}^{(11)}m_{211}^{(00)}$$
$$-m_{011}^{(21)}m_{102}^{(20)}m_{310}^{(11)} + m_{011}^{(21)}m_{102}^{(20)}m_{130}^{(00)} + m_{011}^{(21)}m_{102}^{(21)}m_{400}^{(11)} - m_{011}^{(21)}m_{102}^{(21)}m_{220}^{(00)}$$
$$+2m_{011}^{(21)}m_{021}^{(00)}m_{211}^{(20)} - 2m_{011}^{(21)}m_{021}^{(00)}m_{202}^{(10)} - 2m_{011}^{(21)}m_{021}^{(10)}m_{301}^{(20)} + 2m_{011}^{(21)}m_{021}^{(10)}m_{202}^{(00)}$$
$$-2m_{011}^{(21)}m_{021}^{(20)}m_{310}^{(20)} + 4m_{011}^{(21)}m_{021}^{(20)}m_{301}^{(10)} - 2m_{011}^{(21)}m_{021}^{(20)}m_{211}^{(00)} + 2m_{011}^{(21)}m_{021}^{(21)}m_{400}^{(20)}$$
$$-2m_{011}^{(21)}m_{021}^{(21)}m_{301}^{(00)} - 2m_{011}^{(21)}m_{021}^{(22)}m_{400}^{(10)} + 2m_{011}^{(21)}m_{021}^{(22)}m_{310}^{(00)} + 2m_{011}^{(21)}m_{012}^{(00)}m_{220}^{(20)}$$
$$-2m_{011}^{(21)}m_{012}^{(00)}m_{211}^{(10)} - 4m_{011}^{(21)}m_{012}^{(10)}m_{310}^{(20)} + 2m_{011}^{(21)}m_{012}^{(10)}m_{301}^{(10)} + 2m_{011}^{(21)}m_{012}^{(10)}m_{211}^{(00)}$$
$$+2m_{011}^{(21)}m_{012}^{(11)}m_{400}^{(20)} - 2m_{011}^{(21)}m_{012}^{(11)}m_{301}^{(00)} + 2m_{011}^{(21)}m_{012}^{(20)}m_{310}^{(10)} - 2m_{011}^{(21)}m_{012}^{(20)}m_{220}^{(00)}$$
$$-2m_{011}^{(21)}m_{012}^{(21)}m_{400}^{(10)} + 2m_{011}^{(21)}m_{012}^{(21)}m_{310}^{(00)} + 2m_{011}^{(22)}m_{300}^{(00)}m_{031}^{(21)} - 2m_{011}^{(22)}m_{300}^{(00)}m_{022}^{(11)}$$
$$-3m_{011}^{(22)}m_{300}^{(10)}m_{121}^{(21)} + m_{011}^{(22)}m_{300}^{(10)}m_{112}^{(11)} + 2m_{011}^{(22)}m_{300}^{(10)}m_{022}^{(10)} + m_{011}^{(22)}m_{300}^{(11)}m_{211}^{(21)}$$
$$-m_{011}^{(22)}m_{300}^{(11)}m_{112}^{(10)} - m_{011}^{(22)}m_{300}^{(20)}m_{130}^{(21)} + 3m_{011}^{(22)}m_{300}^{(20)}m_{121}^{(11)} - 2m_{011}^{(22)}m_{300}^{(20)}m_{031}^{(10)}$$
$$+m_{011}^{(22)}m_{300}^{(21)}m_{220}^{(21)} - m_{011}^{(22)}m_{300}^{(21)}m_{211}^{(11)} - m_{011}^{(22)}m_{300}^{(22)}m_{220}^{(11)} + m_{011}^{(22)}m_{300}^{(22)}m_{130}^{(10)}$$
$$-3m_{011}^{(22)}m_{210}^{(00)}m_{121}^{(21)} + 3m_{011}^{(22)}m_{210}^{(00)}m_{112}^{(11)} - 2m_{011}^{(22)}m_{210}^{(00)}m_{031}^{(20)} + 2m_{011}^{(22)}m_{210}^{(00)}m_{022}^{(10)}$$
$$+4m_{011}^{(22)}m_{210}^{(10)}m_{211}^{(21)} - m_{011}^{(22)}m_{210}^{(10)}m_{202}^{(11)} + 3m_{011}^{(22)}m_{210}^{(10)}m_{121}^{(20)} - 4m_{011}^{(22)}m_{210}^{(10)}m_{112}^{(10)}$$
$$-2m_{011}^{(22)}m_{210}^{(10)}m_{022}^{(00)} - m_{011}^{(22)}m_{210}^{(11)}m_{301}^{(21)} - m_{011}^{(22)}m_{210}^{(11)}m_{211}^{(20)} + m_{011}^{(22)}m_{210}^{(11)}m_{202}^{(10)}$$
$$+m_{011}^{(22)}m_{210}^{(11)}m_{112}^{(00)} + 2m_{011}^{(22)}m_{210}^{(20)}m_{220}^{(21)} - 5m_{011}^{(22)}m_{210}^{(20)}m_{211}^{(11)} + m_{011}^{(22)}m_{210}^{(20)}m_{130}^{(20)}$$
$$+2m_{011}^{(22)}m_{210}^{(20)}m_{031}^{(00)} - 2m_{011}^{(22)}m_{210}^{(21)}m_{310}^{(21)} + m_{011}^{(22)}m_{210}^{(21)}m_{301}^{(11)} - m_{011}^{(22)}m_{210}^{(21)}m_{220}^{(20)}$$
$$+2m_{011}^{(22)}m_{210}^{(21)}m_{211}^{(10)} + 2m_{011}^{(22)}m_{210}^{(22)}m_{310}^{(11)} - m_{011}^{(22)}m_{210}^{(22)}m_{220}^{(10)} - m_{011}^{(22)}m_{210}^{(22)}m_{130}^{(00)}$$
$$-m_{011}^{(22)}m_{201}^{(00)}m_{130}^{(21)} + m_{011}^{(22)}m_{201}^{(00)}m_{121}^{(11)} + 2m_{011}^{(22)}m_{201}^{(10)}m_{220}^{(21)} - m_{011}^{(22)}m_{201}^{(10)}m_{211}^{(11)}$$
$$-m_{011}^{(22)}m_{201}^{(10)}m_{121}^{(10)} - m_{011}^{(22)}m_{201}^{(11)}m_{310}^{(21)} + m_{011}^{(22)}m_{201}^{(11)}m_{211}^{(10)} - m_{011}^{(22)}m_{201}^{(20)}m_{220}^{(11)}$$

$$+m_{011}^{(22)}m_{201}^{(20)}m_{130}^{(10)}+m_{011}^{(22)}m_{201}^{(21)}m_{310}^{(11)}-m_{011}^{(22)}m_{201}^{(21)}m_{220}^{(10)}+m_{011}^{(22)}m_{120}^{(00)}m_{211}^{(21)}$$
$$-m_{011}^{(22)}m_{120}^{(00)}m_{202}^{(11)}+3m_{011}^{(22)}m_{120}^{(00)}m_{121}^{(20)}-3m_{011}^{(22)}m_{120}^{(00)}m_{112}^{(10)}-m_{011}^{(22)}m_{120}^{(10)}m_{301}^{(21)}$$
$$-4m_{011}^{(22)}m_{120}^{(10)}m_{211}^{(20)}+2m_{011}^{(22)}m_{120}^{(10)}m_{202}^{(10)}+3m_{011}^{(22)}m_{120}^{(10)}m_{112}^{(00)}+m_{011}^{(22)}m_{120}^{(11)}m_{301}^{(20)}$$
$$-m_{011}^{(22)}m_{120}^{(11)}m_{202}^{(00)}-m_{011}^{(22)}m_{120}^{(20)}m_{310}^{(21)}+2m_{011}^{(22)}m_{120}^{(20)}m_{301}^{(11)}-2m_{011}^{(22)}m_{120}^{(20)}m_{220}^{(20)}$$
$$+4m_{011}^{(22)}m_{120}^{(20)}m_{211}^{(10)}-3m_{011}^{(22)}m_{120}^{(20)}m_{121}^{(00)}+m_{011}^{(22)}m_{120}^{(21)}m_{400}^{(21)}+2m_{011}^{(22)}m_{120}^{(21)}m_{310}^{(20)}$$
$$-2m_{011}^{(22)}m_{120}^{(21)}m_{301}^{(10)}-m_{011}^{(22)}m_{120}^{(21)}m_{211}^{(00)}-m_{011}^{(22)}m_{120}^{(22)}m_{400}^{(11)}-m_{011}^{(22)}m_{120}^{(22)}m_{310}^{(10)}$$
$$+2m_{011}^{(22)}m_{120}^{(22)}m_{220}^{(00)}+m_{011}^{(22)}m_{111}^{(00)}m_{220}^{(21)}-m_{011}^{(22)}m_{111}^{(00)}m_{211}^{(11)}+m_{011}^{(22)}m_{111}^{(00)}m_{130}^{(20)}$$
$$-m_{011}^{(22)}m_{111}^{(00)}m_{121}^{(10)}-2m_{011}^{(22)}m_{111}^{(10)}m_{310}^{(21)}+m_{011}^{(22)}m_{111}^{(10)}m_{301}^{(11)}-2m_{011}^{(22)}m_{111}^{(10)}m_{220}^{(20)}$$
$$+2m_{011}^{(22)}m_{111}^{(10)}m_{211}^{(10)}+m_{011}^{(22)}m_{111}^{(10)}m_{121}^{(00)}+m_{011}^{(22)}m_{111}^{(11)}m_{400}^{(21)}+m_{011}^{(22)}m_{111}^{(11)}m_{310}^{(20)}$$
$$-m_{011}^{(22)}m_{111}^{(11)}m_{301}^{(10)}-m_{011}^{(22)}m_{111}^{(11)}m_{211}^{(00)}+m_{011}^{(22)}m_{111}^{(20)}m_{310}^{(11)}-m_{011}^{(22)}m_{111}^{(20)}m_{130}^{(00)}$$
$$-m_{011}^{(22)}m_{111}^{(21)}m_{400}^{(11)}+m_{011}^{(22)}m_{111}^{(21)}m_{220}^{(00)}-m_{011}^{(22)}m_{030}^{(00)}m_{211}^{(20)}+m_{011}^{(22)}m_{030}^{(00)}m_{202}^{(10)}$$
$$+m_{011}^{(22)}m_{030}^{(10)}m_{301}^{(20)}-m_{011}^{(22)}m_{030}^{(10)}m_{202}^{(00)}+m_{011}^{(22)}m_{030}^{(20)}m_{310}^{(20)}-2m_{011}^{(22)}m_{030}^{(20)}m_{301}^{(10)}$$
$$+m_{011}^{(22)}m_{030}^{(20)}m_{211}^{(00)}-m_{011}^{(22)}m_{030}^{(21)}m_{400}^{(20)}+m_{011}^{(22)}m_{030}^{(21)}m_{301}^{(00)}+m_{011}^{(22)}m_{030}^{(22)}m_{400}^{(10)}$$
$$-m_{011}^{(22)}m_{030}^{(22)}m_{310}^{(00)}-m_{011}^{(22)}m_{021}^{(00)}m_{220}^{(20)}+m_{011}^{(22)}m_{021}^{(00)}m_{211}^{(10)}+2m_{011}^{(22)}m_{021}^{(10)}m_{310}^{(20)}$$
$$-m_{011}^{(22)}m_{021}^{(10)}m_{301}^{(10)}-m_{011}^{(22)}m_{021}^{(10)}m_{211}^{(00)}-m_{011}^{(22)}m_{021}^{(11)}m_{400}^{(20)}+m_{011}^{(22)}m_{021}^{(11)}m_{301}^{(00)}$$
$$-m_{011}^{(22)}m_{021}^{(20)}m_{310}^{(10)}+m_{011}^{(22)}m_{021}^{(20)}m_{220}^{(00)}+m_{011}^{(22)}m_{021}^{(21)}m_{400}^{(10)}-m_{011}^{(22)}m_{021}^{(21)}m_{310}^{(00)}$$
$$-m_{002}^{(00)}m_{120}^{(00)}m_{031}^{(22)}+m_{002}^{(00)}m_{120}^{(00)}m_{022}^{(21)}+2m_{002}^{(00)}m_{120}^{(10)}m_{121}^{(22)}-m_{002}^{(00)}m_{120}^{(10)}m_{112}^{(21)}$$
$$-m_{002}^{(00)}m_{120}^{(10)}m_{022}^{(20)}-m_{002}^{(00)}m_{120}^{(11)}m_{211}^{(22)}+m_{002}^{(00)}m_{120}^{(11)}m_{112}^{(20)}-m_{002}^{(00)}m_{120}^{(20)}m_{121}^{(21)}$$
$$+m_{002}^{(00)}m_{120}^{(20)}m_{031}^{(20)}+m_{002}^{(00)}m_{120}^{(21)}m_{211}^{(21)}-m_{002}^{(00)}m_{120}^{(21)}m_{121}^{(20)}+m_{002}^{(00)}m_{111}^{(00)}m_{040}^{(22)}$$
$$-m_{002}^{(00)}m_{111}^{(00)}m_{022}^{(11)}-2m_{002}^{(00)}m_{111}^{(10)}m_{130}^{(22)}-m_{002}^{(00)}m_{111}^{(10)}m_{121}^{(21)}+m_{002}^{(00)}m_{111}^{(10)}m_{112}^{(11)}$$
$$+m_{002}^{(00)}m_{111}^{(10)}m_{031}^{(20)}+m_{002}^{(00)}m_{111}^{(10)}m_{022}^{(10)}+m_{002}^{(00)}m_{111}^{(11)}m_{220}^{(22)}+m_{002}^{(00)}m_{111}^{(11)}m_{211}^{(21)}$$
$$-m_{002}^{(00)}m_{111}^{(11)}m_{121}^{(20)}-m_{002}^{(00)}m_{111}^{(11)}m_{112}^{(10)}+m_{002}^{(00)}m_{111}^{(20)}m_{130}^{(21)}+m_{002}^{(00)}m_{111}^{(20)}m_{121}^{(11)}$$
$$-m_{002}^{(00)}m_{111}^{(20)}m_{040}^{(20)}-m_{002}^{(00)}m_{111}^{(20)}m_{031}^{(10)}-m_{002}^{(00)}m_{111}^{(21)}m_{220}^{(21)}-m_{002}^{(00)}m_{111}^{(21)}m_{211}^{(11)}$$
$$+m_{002}^{(00)}m_{111}^{(21)}m_{130}^{(20)}+m_{002}^{(00)}m_{111}^{(21)}m_{121}^{(10)}-m_{002}^{(00)}m_{102}^{(00)}m_{040}^{(21)}+m_{002}^{(00)}m_{102}^{(00)}m_{031}^{(11)}$$
$$+2m_{002}^{(00)}m_{102}^{(10)}m_{130}^{(21)}-m_{002}^{(00)}m_{102}^{(10)}m_{121}^{(11)}-m_{002}^{(00)}m_{102}^{(10)}m_{031}^{(10)}-m_{002}^{(00)}m_{102}^{(11)}m_{220}^{(21)}$$
$$+m_{002}^{(00)}m_{102}^{(11)}m_{121}^{(10)}-m_{002}^{(00)}m_{102}^{(20)}m_{130}^{(11)}+m_{002}^{(00)}m_{102}^{(20)}m_{040}^{(10)}+m_{002}^{(00)}m_{102}^{(21)}m_{220}^{(11)}$$
$$-m_{002}^{(00)}m_{102}^{(21)}m_{130}^{(10)}+m_{002}^{(00)}m_{030}^{(00)}m_{121}^{(22)}-m_{002}^{(00)}m_{030}^{(00)}m_{112}^{(21)}-2m_{002}^{(00)}m_{030}^{(10)}m_{211}^{(22)}$$
$$+m_{002}^{(00)}m_{030}^{(10)}m_{202}^{(21)}+m_{002}^{(00)}m_{030}^{(10)}m_{112}^{(20)}+m_{002}^{(00)}m_{030}^{(11)}m_{301}^{(22)}-m_{002}^{(00)}m_{030}^{(11)}m_{202}^{(20)}$$
$$+m_{002}^{(00)}m_{030}^{(20)}m_{211}^{(21)}-m_{002}^{(00)}m_{030}^{(20)}m_{121}^{(20)}-m_{002}^{(00)}m_{030}^{(21)}m_{301}^{(21)}+m_{002}^{(00)}m_{030}^{(21)}m_{211}^{(20)}$$
$$-m_{002}^{(00)}m_{021}^{(00)}m_{130}^{(22)}+m_{002}^{(00)}m_{021}^{(00)}m_{112}^{(11)}+2m_{002}^{(00)}m_{021}^{(10)}m_{220}^{(22)}+m_{002}^{(00)}m_{021}^{(10)}m_{211}^{(21)}$$
$$-m_{002}^{(00)}m_{021}^{(10)}m_{202}^{(11)}-m_{002}^{(00)}m_{021}^{(10)}m_{121}^{(20)}-m_{002}^{(00)}m_{021}^{(10)}m_{112}^{(10)}-m_{002}^{(00)}m_{021}^{(11)}m_{310}^{(22)}$$
$$-m_{002}^{(00)}m_{021}^{(11)}m_{301}^{(21)}+m_{002}^{(00)}m_{021}^{(11)}m_{211}^{(20)}+m_{002}^{(00)}m_{021}^{(11)}m_{202}^{(10)}-m_{002}^{(00)}m_{021}^{(20)}m_{220}^{(21)}$$
$$-m_{002}^{(00)}m_{021}^{(20)}m_{211}^{(11)}+m_{002}^{(00)}m_{021}^{(20)}m_{130}^{(20)}+m_{002}^{(00)}m_{021}^{(20)}m_{121}^{(10)}+m_{002}^{(00)}m_{021}^{(21)}m_{310}^{(21)}$$
$$+m_{002}^{(00)}m_{021}^{(21)}m_{301}^{(11)}-m_{002}^{(00)}m_{021}^{(21)}m_{220}^{(20)}-m_{002}^{(00)}m_{021}^{(21)}m_{211}^{(10)}+m_{002}^{(00)}m_{012}^{(00)}m_{130}^{(21)}$$
$$-m_{002}^{(00)}m_{012}^{(00)}m_{121}^{(11)}-2m_{002}^{(00)}m_{012}^{(10)}m_{220}^{(21)}+m_{002}^{(00)}m_{012}^{(10)}m_{211}^{(11)}+m_{002}^{(00)}m_{012}^{(10)}m_{121}^{(10)}$$
$$+m_{002}^{(00)}m_{012}^{(11)}m_{310}^{(21)}-m_{002}^{(00)}m_{012}^{(11)}m_{211}^{(10)}+m_{002}^{(00)}m_{012}^{(20)}m_{220}^{(11)}-m_{002}^{(00)}m_{012}^{(20)}m_{130}^{(10)}$$
$$-m_{002}^{(00)}m_{012}^{(21)}m_{310}^{(11)}+m_{002}^{(00)}m_{012}^{(21)}m_{220}^{(10)}+2m_{002}^{(10)}m_{210}^{(00)}m_{031}^{(22)}-2m_{002}^{(10)}m_{210}^{(00)}m_{022}^{(21)}$$
$$-4m_{002}^{(10)}m_{210}^{(10)}m_{121}^{(22)}+2m_{002}^{(10)}m_{210}^{(10)}m_{112}^{(21)}+2m_{002}^{(10)}m_{210}^{(10)}m_{022}^{(20)}+2m_{002}^{(10)}m_{210}^{(11)}m_{211}^{(22)}$$

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\begin{aligned}
&-2m_{002}^{(10)}m_{210}^{(11)}m_{112}^{(20)} + 2m_{002}^{(10)}m_{210}^{(20)}m_{121}^{(21)} - 2m_{002}^{(10)}m_{210}^{(20)}m_{031}^{(20)} - 2m_{002}^{(10)}m_{210}^{(21)}m_{211}^{(21)}\\
&+2m_{002}^{(10)}m_{210}^{(21)}m_{121}^{(20)} - m_{002}^{(10)}m_{201}^{(00)}m_{040}^{(22)} + m_{002}^{(10)}m_{201}^{(00)}m_{022}^{(11)} + 2m_{002}^{(10)}m_{201}^{(10)}m_{130}^{(22)}\\
&+m_{002}^{(10)}m_{201}^{(10)}m_{121}^{(21)} - m_{002}^{(10)}m_{201}^{(10)}m_{112}^{(11)} - m_{002}^{(10)}m_{201}^{(10)}m_{031}^{(20)} - m_{002}^{(10)}m_{201}^{(10)}m_{022}^{(10)}\\
&-m_{002}^{(10)}m_{201}^{(11)}m_{220}^{(22)} - m_{002}^{(10)}m_{201}^{(11)}m_{211}^{(21)} + m_{002}^{(10)}m_{201}^{(11)}m_{121}^{(20)} + m_{002}^{(10)}m_{201}^{(11)}m_{112}^{(10)}\\
&-m_{002}^{(10)}m_{201}^{(20)}m_{130}^{(21)} - m_{002}^{(10)}m_{201}^{(20)}m_{121}^{(11)} + m_{002}^{(10)}m_{201}^{(20)}m_{040}^{(20)} + m_{002}^{(10)}m_{201}^{(20)}m_{031}^{(10)}\\
&+m_{002}^{(10)}m_{201}^{(21)}m_{220}^{(21)} + m_{002}^{(10)}m_{201}^{(21)}m_{211}^{(11)} - m_{002}^{(10)}m_{201}^{(21)}m_{130}^{(20)} - m_{002}^{(10)}m_{201}^{(21)}m_{121}^{(10)}\\
&-2m_{002}^{(10)}m_{120}^{(00)}m_{121}^{(22)} + 2m_{002}^{(10)}m_{120}^{(00)}m_{112}^{(21)} + 4m_{002}^{(10)}m_{120}^{(10)}m_{211}^{(22)} - 2m_{002}^{(10)}m_{120}^{(10)}m_{202}^{(21)}\\
&-2m_{002}^{(10)}m_{120}^{(10)}m_{112}^{(20)} - 2m_{002}^{(10)}m_{120}^{(11)}m_{301}^{(22)} + 2m_{002}^{(10)}m_{120}^{(11)}m_{202}^{(20)} - 2m_{002}^{(10)}m_{120}^{(20)}m_{211}^{(21)}\\
&+2m_{002}^{(10)}m_{120}^{(20)}m_{121}^{(20)} + 2m_{002}^{(10)}m_{120}^{(21)}m_{301}^{(21)} - 2m_{002}^{(10)}m_{120}^{(21)}m_{211}^{(20)} + m_{002}^{(10)}m_{111}^{(00)}m_{121}^{(21)}\\
&-m_{002}^{(10)}m_{111}^{(00)}m_{112}^{(11)} - m_{002}^{(10)}m_{111}^{(00)}m_{031}^{(20)} + m_{002}^{(10)}m_{111}^{(00)}m_{022}^{(10)} - 2m_{002}^{(10)}m_{111}^{(10)}m_{211}^{(21)}\\
&+m_{002}^{(10)}m_{111}^{(10)}m_{202}^{(11)} + 2m_{002}^{(10)}m_{111}^{(10)}m_{121}^{(20)} - m_{002}^{(10)}m_{111}^{(10)}m_{022}^{(00)} + m_{002}^{(10)}m_{111}^{(11)}m_{301}^{(21)}\\
&-m_{002}^{(10)}m_{111}^{(11)}m_{211}^{(20)} - m_{002}^{(10)}m_{111}^{(11)}m_{202}^{(10)} + m_{002}^{(10)}m_{111}^{(11)}m_{112}^{(00)} + m_{002}^{(10)}m_{111}^{(20)}m_{211}^{(11)}\\
&-2m_{002}^{(10)}m_{111}^{(20)}m_{121}^{(10)} + m_{002}^{(10)}m_{111}^{(20)}m_{031}^{(00)} - m_{002}^{(10)}m_{111}^{(21)}m_{301}^{(11)} + 2m_{002}^{(10)}m_{111}^{(21)}m_{211}^{(10)}\\
&-m_{002}^{(10)}m_{111}^{(21)}m_{121}^{(00)} + m_{002}^{(10)}m_{102}^{(00)}m_{130}^{(21)} - m_{002}^{(10)}m_{102}^{(00)}m_{121}^{(11)} + m_{002}^{(10)}m_{102}^{(00)}m_{040}^{(20)}\\
&-m_{002}^{(10)}m_{102}^{(00)}m_{031}^{(10)} - 2m_{002}^{(10)}m_{102}^{(10)}m_{220}^{(21)} + m_{002}^{(10)}m_{102}^{(10)}m_{211}^{(11)} - 2m_{002}^{(10)}m_{102}^{(10)}m_{130}^{(20)}\\
&+2m_{002}^{(10)}m_{102}^{(10)}m_{121}^{(10)} + m_{002}^{(10)}m_{102}^{(10)}m_{031}^{(00)} + m_{002}^{(10)}m_{102}^{(11)}m_{310}^{(21)} + m_{002}^{(10)}m_{102}^{(11)}m_{220}^{(20)}\\
&-m_{002}^{(10)}m_{102}^{(11)}m_{211}^{(10)} - m_{002}^{(10)}m_{102}^{(11)}m_{121}^{(00)} + m_{002}^{(10)}m_{102}^{(20)}m_{220}^{(11)} - m_{002}^{(10)}m_{102}^{(20)}m_{040}^{(00)}\\
&-m_{002}^{(10)}m_{102}^{(21)}m_{310}^{(11)} + m_{002}^{(10)}m_{102}^{(21)}m_{130}^{(00)} + m_{002}^{(10)}m_{021}^{(00)}m_{220}^{(22)} - m_{002}^{(10)}m_{021}^{(00)}m_{211}^{(21)}\\
&+m_{002}^{(10)}m_{021}^{(00)}m_{121}^{(20)} - m_{002}^{(10)}m_{021}^{(00)}m_{112}^{(10)} - 2m_{002}^{(10)}m_{021}^{(10)}m_{310}^{(22)} + m_{002}^{(10)}m_{021}^{(10)}m_{301}^{(21)}\\
&-m_{002}^{(10)}m_{021}^{(10)}m_{211}^{(20)} + m_{002}^{(10)}m_{021}^{(10)}m_{202}^{(10)} + m_{002}^{(10)}m_{021}^{(10)}m_{112}^{(00)} + m_{002}^{(10)}m_{021}^{(11)}m_{400}^{(22)}\\
&-m_{002}^{(10)}m_{021}^{(11)}m_{202}^{(00)} + m_{002}^{(10)}m_{021}^{(20)}m_{310}^{(21)} - m_{002}^{(10)}m_{021}^{(20)}m_{220}^{(20)} + m_{002}^{(10)}m_{021}^{(20)}m_{211}^{(10)}\\
&-m_{002}^{(10)}m_{021}^{(20)}m_{121}^{(00)} - m_{002}^{(10)}m_{021}^{(21)}m_{400}^{(21)} + m_{002}^{(10)}m_{021}^{(21)}m_{310}^{(20)} - m_{002}^{(10)}m_{021}^{(21)}m_{301}^{(10)}\\
&+m_{002}^{(10)}m_{021}^{(21)}m_{211}^{(00)} - m_{002}^{(10)}m_{012}^{(00)}m_{220}^{(21)} + m_{002}^{(10)}m_{012}^{(00)}m_{211}^{(11)} - m_{002}^{(10)}m_{012}^{(00)}m_{130}^{(20)}\\
&+m_{002}^{(10)}m_{012}^{(00)}m_{121}^{(10)} + 2m_{002}^{(10)}m_{012}^{(10)}m_{310}^{(21)} - m_{002}^{(10)}m_{012}^{(10)}m_{301}^{(11)} + 2m_{002}^{(10)}m_{012}^{(10)}m_{220}^{(20)}\\
&-2m_{002}^{(10)}m_{012}^{(10)}m_{211}^{(10)} - m_{002}^{(10)}m_{012}^{(10)}m_{121}^{(00)} - m_{002}^{(10)}m_{012}^{(11)}m_{400}^{(21)} - m_{002}^{(10)}m_{012}^{(11)}m_{310}^{(20)}\\
&+m_{002}^{(10)}m_{012}^{(11)}m_{301}^{(10)} + m_{002}^{(10)}m_{012}^{(11)}m_{211}^{(00)} - m_{002}^{(10)}m_{012}^{(20)}m_{310}^{(11)} + m_{002}^{(10)}m_{012}^{(20)}m_{130}^{(00)}\\
&+m_{002}^{(10)}m_{012}^{(21)}m_{400}^{(11)} - m_{002}^{(10)}m_{012}^{(21)}m_{220}^{(00)} - m_{002}^{(11)}m_{300}^{(00)}m_{031}^{(22)} + m_{002}^{(11)}m_{300}^{(00)}m_{022}^{(21)}\\
&+2m_{002}^{(11)}m_{300}^{(10)}m_{121}^{(22)} - m_{002}^{(11)}m_{300}^{(10)}m_{112}^{(21)} - m_{002}^{(11)}m_{300}^{(10)}m_{022}^{(20)} - m_{002}^{(11)}m_{300}^{(11)}m_{211}^{(22)}\\
&+m_{002}^{(11)}m_{300}^{(11)}m_{112}^{(20)} - m_{002}^{(11)}m_{300}^{(20)}m_{121}^{(21)} + m_{002}^{(11)}m_{300}^{(20)}m_{031}^{(20)} + m_{002}^{(11)}m_{300}^{(21)}m_{211}^{(21)}\\
&-m_{002}^{(11)}m_{300}^{(21)}m_{121}^{(20)} + m_{002}^{(11)}m_{210}^{(00)}m_{121}^{(22)} - m_{002}^{(11)}m_{210}^{(00)}m_{112}^{(21)} - 2m_{002}^{(11)}m_{210}^{(10)}m_{211}^{(22)}\\
&+m_{002}^{(11)}m_{210}^{(10)}m_{202}^{(21)} + m_{002}^{(11)}m_{210}^{(10)}m_{112}^{(20)} + m_{002}^{(11)}m_{210}^{(11)}m_{301}^{(22)} - m_{002}^{(11)}m_{210}^{(11)}m_{202}^{(20)}\\
&+m_{002}^{(11)}m_{210}^{(20)}m_{211}^{(21)} - m_{002}^{(11)}m_{210}^{(20)}m_{121}^{(20)} - m_{002}^{(11)}m_{210}^{(21)}m_{301}^{(21)} + m_{002}^{(11)}m_{210}^{(21)}m_{211}^{(20)}\\
&+m_{002}^{(11)}m_{201}^{(00)}m_{130}^{(22)} - m_{002}^{(11)}m_{201}^{(00)}m_{121}^{(21)} + m_{002}^{(11)}m_{201}^{(00)}m_{031}^{(20)} - m_{002}^{(11)}m_{201}^{(00)}m_{022}^{(10)}\\
&-2m_{002}^{(11)}m_{201}^{(10)}m_{220}^{(22)} + m_{002}^{(11)}m_{201}^{(10)}m_{211}^{(21)} - m_{002}^{(11)}m_{201}^{(10)}m_{121}^{(20)} + m_{002}^{(11)}m_{201}^{(10)}m_{112}^{(10)}\\
&+m_{002}^{(11)}m_{201}^{(10)}m_{022}^{(00)} + m_{002}^{(11)}m_{201}^{(11)}m_{310}^{(22)} - m_{002}^{(11)}m_{201}^{(11)}m_{112}^{(00)} + m_{002}^{(11)}m_{201}^{(20)}m_{220}^{(21)}\\
&-m_{002}^{(11)}m_{201}^{(20)}m_{130}^{(20)} + m_{002}^{(11)}m_{201}^{(20)}m_{121}^{(10)} - m_{002}^{(11)}m_{201}^{(20)}m_{031}^{(00)} - m_{002}^{(11)}m_{201}^{(21)}m_{310}^{(21)}\\
&+m_{002}^{(11)}m_{201}^{(21)}m_{220}^{(20)} - m_{002}^{(11)}m_{201}^{(21)}m_{211}^{(10)} + m_{002}^{(11)}m_{201}^{(21)}m_{121}^{(00)} - m_{002}^{(11)}m_{111}^{(00)}m_{220}^{(22)}\\
&+m_{002}^{(11)}m_{111}^{(00)}m_{211}^{(21)} - m_{002}^{(11)}m_{111}^{(00)}m_{121}^{(20)} + m_{002}^{(11)}m_{111}^{(00)}m_{112}^{(10)} + 2m_{002}^{(11)}m_{111}^{(10)}m_{310}^{(22)}
\end{aligned}
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\begin{aligned}
&-m_{002}^{(11)}m_{111}^{(10)}m_{301}^{(21)}+m_{002}^{(11)}m_{111}^{(10)}m_{211}^{(20)}-m_{002}^{(11)}m_{111}^{(10)}m_{202}^{(10)}-m_{002}^{(11)}m_{111}^{(10)}m_{112}^{(00)}\\
&-m_{002}^{(11)}m_{111}^{(11)}m_{400}^{(22)}+m_{002}^{(11)}m_{111}^{(11)}m_{202}^{(00)}-m_{002}^{(11)}m_{111}^{(20)}m_{310}^{(21)}+m_{002}^{(11)}m_{111}^{(20)}m_{220}^{(20)}\\
&-m_{002}^{(11)}m_{111}^{(20)}m_{211}^{(10)}+m_{002}^{(11)}m_{111}^{(20)}m_{121}^{(00)}+m_{002}^{(11)}m_{111}^{(21)}m_{400}^{(21)}-m_{002}^{(11)}m_{111}^{(21)}m_{310}^{(20)}\\
&+m_{002}^{(11)}m_{111}^{(21)}m_{301}^{(10)}-m_{002}^{(11)}m_{111}^{(21)}m_{211}^{(00)}-m_{002}^{(11)}m_{102}^{(00)}m_{130}^{(20)}+m_{002}^{(11)}m_{102}^{(00)}m_{121}^{(10)}\\
&+2m_{002}^{(11)}m_{102}^{(10)}m_{220}^{(20)}-m_{002}^{(11)}m_{102}^{(10)}m_{211}^{(10)}-m_{002}^{(11)}m_{102}^{(10)}m_{121}^{(00)}-m_{002}^{(11)}m_{102}^{(11)}m_{310}^{(20)}\\
&+m_{002}^{(11)}m_{102}^{(11)}m_{211}^{(00)}-m_{002}^{(11)}m_{102}^{(20)}m_{220}^{(10)}+m_{002}^{(11)}m_{102}^{(20)}m_{130}^{(00)}+m_{002}^{(11)}m_{102}^{(21)}m_{310}^{(10)}\\
&-m_{002}^{(11)}m_{102}^{(21)}m_{220}^{(00)}+m_{002}^{(11)}m_{012}^{(00)}m_{220}^{(20)}-m_{002}^{(11)}m_{012}^{(00)}m_{211}^{(10)}-2m_{002}^{(11)}m_{012}^{(10)}m_{310}^{(20)}\\
&+m_{002}^{(11)}m_{012}^{(10)}m_{301}^{(10)}+m_{002}^{(11)}m_{012}^{(10)}m_{211}^{(00)}+m_{002}^{(11)}m_{012}^{(11)}m_{400}^{(20)}-m_{002}^{(11)}m_{012}^{(11)}m_{301}^{(00)}\\
&+m_{002}^{(11)}m_{012}^{(20)}m_{310}^{(10)}-m_{002}^{(11)}m_{012}^{(20)}m_{220}^{(00)}-m_{002}^{(11)}m_{012}^{(21)}m_{400}^{(10)}+m_{002}^{(11)}m_{012}^{(21)}m_{310}^{(00)}\\
&-m_{002}^{(20)}m_{210}^{(00)}m_{040}^{(22)}+m_{002}^{(20)}m_{210}^{(00)}m_{022}^{(11)}+2m_{002}^{(20)}m_{210}^{(10)}m_{130}^{(22)}+m_{002}^{(20)}m_{210}^{(10)}m_{121}^{(21)}\\
&-m_{002}^{(20)}m_{210}^{(10)}m_{112}^{(11)}-m_{002}^{(20)}m_{210}^{(10)}m_{031}^{(20)}-m_{002}^{(20)}m_{210}^{(10)}m_{022}^{(10)}-m_{002}^{(20)}m_{210}^{(11)}m_{220}^{(22)}\\
&-m_{002}^{(20)}m_{210}^{(11)}m_{211}^{(21)}+m_{002}^{(20)}m_{210}^{(11)}m_{121}^{(20)}+m_{002}^{(20)}m_{210}^{(11)}m_{112}^{(10)}-m_{002}^{(20)}m_{210}^{(20)}m_{130}^{(21)}\\
&-m_{002}^{(20)}m_{210}^{(20)}m_{121}^{(11)}+m_{002}^{(20)}m_{210}^{(20)}m_{040}^{(20)}+m_{002}^{(20)}m_{210}^{(20)}m_{031}^{(10)}+m_{002}^{(20)}m_{210}^{(21)}m_{220}^{(21)}\\
&+m_{002}^{(20)}m_{210}^{(21)}m_{211}^{(11)}-m_{002}^{(20)}m_{210}^{(21)}m_{130}^{(20)}-m_{002}^{(20)}m_{210}^{(21)}m_{121}^{(10)}+2m_{002}^{(20)}m_{201}^{(00)}m_{040}^{(21)}\\
&-2m_{002}^{(20)}m_{201}^{(00)}m_{031}^{(11)}-4m_{002}^{(20)}m_{201}^{(10)}m_{130}^{(21)}+2m_{002}^{(20)}m_{201}^{(10)}m_{121}^{(11)}+2m_{002}^{(20)}m_{201}^{(10)}m_{031}^{(10)}\\
&+2m_{002}^{(20)}m_{201}^{(11)}m_{220}^{(21)}-2m_{002}^{(20)}m_{201}^{(11)}m_{121}^{(10)}+2m_{002}^{(20)}m_{201}^{(20)}m_{130}^{(11)}-2m_{002}^{(20)}m_{201}^{(20)}m_{040}^{(10)}\\
&-2m_{002}^{(20)}m_{201}^{(21)}m_{220}^{(11)}+2m_{002}^{(20)}m_{201}^{(21)}m_{130}^{(10)}+2m_{002}^{(20)}m_{120}^{(00)}m_{130}^{(22)}-m_{002}^{(20)}m_{120}^{(00)}m_{121}^{(21)}\\
&-m_{002}^{(20)}m_{120}^{(00)}m_{112}^{(11)}+m_{002}^{(20)}m_{120}^{(00)}m_{031}^{(20)}-m_{002}^{(20)}m_{120}^{(00)}m_{022}^{(10)}-4m_{002}^{(20)}m_{120}^{(10)}m_{220}^{(22)}\\
&+m_{002}^{(20)}m_{120}^{(10)}m_{202}^{(11)}+2m_{002}^{(20)}m_{120}^{(10)}m_{112}^{(10)}+m_{002}^{(20)}m_{120}^{(10)}m_{022}^{(00)}+2m_{002}^{(20)}m_{120}^{(11)}m_{310}^{(22)}\\
&+m_{002}^{(20)}m_{120}^{(11)}m_{301}^{(21)}-m_{002}^{(20)}m_{120}^{(11)}m_{211}^{(20)}-m_{002}^{(20)}m_{120}^{(11)}m_{202}^{(10)}-m_{002}^{(20)}m_{120}^{(11)}m_{112}^{(00)}\\
&+2m_{002}^{(20)}m_{120}^{(20)}m_{220}^{(21)}+m_{002}^{(20)}m_{120}^{(20)}m_{211}^{(11)}-2m_{002}^{(20)}m_{120}^{(20)}m_{130}^{(20)}-m_{002}^{(20)}m_{120}^{(20)}m_{031}^{(00)}\\
&-2m_{002}^{(20)}m_{120}^{(21)}m_{310}^{(21)}-m_{002}^{(20)}m_{120}^{(21)}m_{301}^{(11)}+2m_{002}^{(20)}m_{120}^{(21)}m_{220}^{(20)}+m_{002}^{(20)}m_{120}^{(21)}m_{121}^{(00)}\\
&-3m_{002}^{(20)}m_{111}^{(00)}m_{130}^{(21)}+3m_{002}^{(20)}m_{111}^{(00)}m_{121}^{(11)}-m_{002}^{(20)}m_{111}^{(00)}m_{040}^{(20)}+m_{002}^{(20)}m_{111}^{(00)}m_{031}^{(10)}\\
&+6m_{002}^{(20)}m_{111}^{(10)}m_{220}^{(21)}-3m_{002}^{(20)}m_{111}^{(10)}m_{211}^{(11)}+2m_{002}^{(20)}m_{111}^{(10)}m_{130}^{(20)}-4m_{002}^{(20)}m_{111}^{(10)}m_{121}^{(10)}\\
&-m_{002}^{(20)}m_{111}^{(10)}m_{031}^{(00)}-3m_{002}^{(20)}m_{111}^{(11)}m_{310}^{(21)}-m_{002}^{(20)}m_{111}^{(11)}m_{220}^{(20)}+3m_{002}^{(20)}m_{111}^{(11)}m_{211}^{(10)}\\
&+m_{002}^{(20)}m_{111}^{(11)}m_{121}^{(00)}-3m_{002}^{(20)}m_{111}^{(20)}m_{220}^{(11)}+2m_{002}^{(20)}m_{111}^{(20)}m_{130}^{(10)}+m_{002}^{(20)}m_{111}^{(20)}m_{040}^{(00)}\\
&+3m_{002}^{(20)}m_{111}^{(21)}m_{310}^{(11)}-2m_{002}^{(20)}m_{111}^{(21)}m_{220}^{(10)}-m_{002}^{(20)}m_{111}^{(21)}m_{130}^{(00)}-m_{002}^{(20)}m_{030}^{(00)}m_{220}^{(22)}\\
&+m_{002}^{(20)}m_{030}^{(00)}m_{211}^{(21)}-m_{002}^{(20)}m_{030}^{(00)}m_{121}^{(20)}+m_{002}^{(20)}m_{030}^{(00)}m_{112}^{(10)}+2m_{002}^{(20)}m_{030}^{(10)}m_{310}^{(22)}\\
&-m_{002}^{(20)}m_{030}^{(10)}m_{301}^{(21)}+m_{002}^{(20)}m_{030}^{(10)}m_{211}^{(20)}-m_{002}^{(20)}m_{030}^{(10)}m_{202}^{(10)}-m_{002}^{(20)}m_{030}^{(10)}m_{112}^{(00)}\\
&-m_{002}^{(20)}m_{030}^{(11)}m_{400}^{(22)}+m_{002}^{(20)}m_{030}^{(11)}m_{202}^{(00)}-m_{002}^{(20)}m_{030}^{(20)}m_{310}^{(21)}+m_{002}^{(20)}m_{030}^{(20)}m_{220}^{(20)}\\
&-m_{002}^{(20)}m_{030}^{(20)}m_{211}^{(10)}+m_{002}^{(20)}m_{030}^{(20)}m_{121}^{(00)}+m_{002}^{(20)}m_{030}^{(21)}m_{400}^{(21)}-m_{002}^{(20)}m_{030}^{(21)}m_{310}^{(20)}\\
&+m_{002}^{(20)}m_{030}^{(21)}m_{301}^{(10)}-m_{002}^{(20)}m_{030}^{(21)}m_{211}^{(00)}+m_{002}^{(20)}m_{021}^{(00)}m_{220}^{(21)}-m_{002}^{(20)}m_{021}^{(00)}m_{211}^{(11)}\\
&+m_{002}^{(20)}m_{021}^{(00)}m_{130}^{(20)}-m_{002}^{(20)}m_{021}^{(00)}m_{121}^{(10)}-2m_{002}^{(20)}m_{021}^{(10)}m_{310}^{(21)}+m_{002}^{(20)}m_{021}^{(10)}m_{301}^{(11)}\\
&-2m_{002}^{(20)}m_{021}^{(10)}m_{220}^{(20)}+2m_{002}^{(20)}m_{021}^{(10)}m_{211}^{(10)}+m_{002}^{(20)}m_{021}^{(10)}m_{121}^{(00)}+m_{002}^{(20)}m_{021}^{(11)}m_{400}^{(21)}\\
&+m_{002}^{(20)}m_{021}^{(11)}m_{310}^{(20)}-m_{002}^{(20)}m_{021}^{(11)}m_{301}^{(10)}-m_{002}^{(20)}m_{021}^{(11)}m_{211}^{(00)}+m_{002}^{(20)}m_{021}^{(20)}m_{310}^{(11)}\\
&-m_{002}^{(20)}m_{021}^{(20)}m_{130}^{(00)}-m_{002}^{(20)}m_{021}^{(21)}m_{400}^{(11)}+m_{002}^{(20)}m_{021}^{(21)}m_{220}^{(00)}+m_{002}^{(21)}m_{300}^{(00)}m_{040}^{(22)}\\
&-m_{002}^{(21)}m_{300}^{(00)}m_{022}^{(11)}-2m_{002}^{(21)}m_{300}^{(10)}m_{130}^{(22)}-m_{002}^{(21)}m_{300}^{(10)}m_{121}^{(21)}+m_{002}^{(21)}m_{300}^{(10)}m_{112}^{(11)}\\
&+m_{002}^{(21)}m_{300}^{(10)}m_{031}^{(20)}+m_{002}^{(21)}m_{300}^{(10)}m_{022}^{(10)}+m_{002}^{(21)}m_{300}^{(11)}m_{220}^{(22)}+m_{002}^{(21)}m_{300}^{(11)}m_{211}^{(21)}
\end{aligned}
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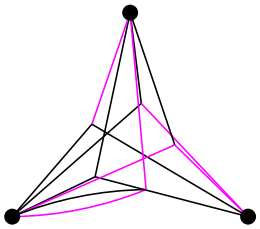
\begin{aligned}
&-m_{002}^{(21)}m_{300}^{(11)}m_{121}^{(20)} - m_{002}^{(21)}m_{300}^{(11)}m_{112}^{(10)} + m_{002}^{(21)}m_{300}^{(20)}m_{130}^{(21)} + m_{002}^{(21)}m_{300}^{(20)}m_{121}^{(11)}\\
&-m_{002}^{(21)}m_{300}^{(20)}m_{040}^{(20)} - m_{002}^{(21)}m_{300}^{(20)}m_{031}^{(10)} - m_{002}^{(21)}m_{300}^{(21)}m_{220}^{(21)} - m_{002}^{(21)}m_{300}^{(21)}m_{211}^{(11)}\\
&+m_{002}^{(21)}m_{300}^{(21)}m_{130}^{(20)} + m_{002}^{(21)}m_{300}^{(21)}m_{121}^{(10)} - 2m_{002}^{(21)}m_{210}^{(00)}m_{130}^{(22)} + m_{002}^{(21)}m_{210}^{(00)}m_{121}^{(21)}\\
&+m_{002}^{(21)}m_{210}^{(00)}m_{112}^{(11)} - m_{002}^{(21)}m_{210}^{(00)}m_{031}^{(20)} + m_{002}^{(21)}m_{210}^{(00)}m_{022}^{(10)} + 4m_{002}^{(21)}m_{210}^{(10)}m_{220}^{(22)}\\
&-m_{002}^{(21)}m_{210}^{(10)}m_{202}^{(11)} - 2m_{002}^{(21)}m_{210}^{(10)}m_{112}^{(10)} - m_{002}^{(21)}m_{210}^{(10)}m_{022}^{(00)} - 2m_{002}^{(21)}m_{210}^{(11)}m_{310}^{(22)}\\
&-m_{002}^{(21)}m_{210}^{(11)}m_{301}^{(21)} + m_{002}^{(21)}m_{210}^{(11)}m_{211}^{(20)} + m_{002}^{(21)}m_{210}^{(11)}m_{202}^{(10)} + m_{002}^{(21)}m_{210}^{(11)}m_{112}^{(00)}\\
&-2m_{002}^{(21)}m_{210}^{(20)}m_{220}^{(21)} - m_{002}^{(21)}m_{210}^{(20)}m_{211}^{(11)} + 2m_{002}^{(21)}m_{210}^{(20)}m_{130}^{(20)} + m_{002}^{(21)}m_{210}^{(20)}m_{031}^{(00)}\\
&+2m_{002}^{(21)}m_{210}^{(21)}m_{310}^{(21)} + m_{002}^{(21)}m_{210}^{(21)}m_{301}^{(11)} - 2m_{002}^{(21)}m_{210}^{(21)}m_{220}^{(20)} - m_{002}^{(21)}m_{210}^{(21)}m_{121}^{(00)}\\
&-m_{002}^{(21)}m_{201}^{(00)}m_{130}^{(21)} + m_{002}^{(21)}m_{201}^{(00)}m_{121}^{(11)} - m_{002}^{(21)}m_{201}^{(00)}m_{040}^{(20)} + m_{002}^{(21)}m_{201}^{(00)}m_{031}^{(10)}\\
&+2m_{002}^{(21)}m_{201}^{(10)}m_{220}^{(21)} - m_{002}^{(21)}m_{201}^{(10)}m_{211}^{(11)} + 2m_{002}^{(21)}m_{201}^{(10)}m_{130}^{(20)} - 2m_{002}^{(21)}m_{201}^{(10)}m_{121}^{(10)}\\
&-m_{002}^{(21)}m_{201}^{(10)}m_{031}^{(00)} - m_{002}^{(21)}m_{201}^{(11)}m_{310}^{(21)} - m_{002}^{(21)}m_{201}^{(11)}m_{220}^{(20)} + m_{002}^{(21)}m_{201}^{(11)}m_{211}^{(10)}\\
&+m_{002}^{(21)}m_{201}^{(11)}m_{121}^{(00)} - m_{002}^{(21)}m_{201}^{(20)}m_{220}^{(11)} + m_{002}^{(21)}m_{201}^{(20)}m_{040}^{(00)} + m_{002}^{(21)}m_{201}^{(21)}m_{310}^{(11)}\\
&-m_{002}^{(21)}m_{201}^{(21)}m_{130}^{(00)} + m_{002}^{(21)}m_{120}^{(00)}m_{220}^{(22)} - m_{002}^{(21)}m_{120}^{(00)}m_{211}^{(21)} + m_{002}^{(21)}m_{120}^{(00)}m_{121}^{(20)}\\
&-m_{002}^{(21)}m_{120}^{(00)}m_{112}^{(10)} - 2m_{002}^{(21)}m_{120}^{(10)}m_{310}^{(22)} + m_{002}^{(21)}m_{120}^{(10)}m_{301}^{(21)} - m_{002}^{(21)}m_{120}^{(10)}m_{211}^{(20)}\\
&+m_{002}^{(21)}m_{120}^{(10)}m_{202}^{(10)} + m_{002}^{(21)}m_{120}^{(10)}m_{112}^{(00)} + m_{002}^{(21)}m_{120}^{(11)}m_{400}^{(22)} - m_{002}^{(21)}m_{120}^{(11)}m_{202}^{(00)}\\
&+m_{002}^{(21)}m_{120}^{(20)}m_{310}^{(21)} - m_{002}^{(21)}m_{120}^{(20)}m_{220}^{(20)} + m_{002}^{(21)}m_{120}^{(20)}m_{211}^{(10)} - m_{002}^{(21)}m_{120}^{(20)}m_{121}^{(00)}\\
&-m_{002}^{(21)}m_{120}^{(21)}m_{400}^{(21)} + m_{002}^{(21)}m_{120}^{(21)}m_{310}^{(20)} - m_{002}^{(21)}m_{120}^{(21)}m_{301}^{(10)} + m_{002}^{(21)}m_{120}^{(21)}m_{211}^{(00)}\\
&+m_{002}^{(21)}m_{111}^{(00)}m_{220}^{(21)} - m_{002}^{(21)}m_{111}^{(00)}m_{211}^{(11)} + 3m_{002}^{(21)}m_{111}^{(00)}m_{130}^{(20)} - 3m_{002}^{(21)}m_{111}^{(00)}m_{121}^{(10)}\\
&-2m_{002}^{(21)}m_{111}^{(10)}m_{310}^{(21)} + m_{002}^{(21)}m_{111}^{(10)}m_{301}^{(11)} - 6m_{002}^{(21)}m_{111}^{(10)}m_{220}^{(20)} + 4m_{002}^{(21)}m_{111}^{(10)}m_{211}^{(10)}\\
&+3m_{002}^{(21)}m_{111}^{(10)}m_{121}^{(00)} + m_{002}^{(21)}m_{111}^{(11)}m_{400}^{(21)} + 3m_{002}^{(21)}m_{111}^{(11)}m_{310}^{(20)} - m_{002}^{(21)}m_{111}^{(11)}m_{301}^{(10)}\\
&-3m_{002}^{(21)}m_{111}^{(11)}m_{211}^{(00)} + m_{002}^{(21)}m_{111}^{(20)}m_{310}^{(11)} + 2m_{002}^{(21)}m_{111}^{(20)}m_{220}^{(10)} - 3m_{002}^{(21)}m_{111}^{(20)}m_{130}^{(00)}\\
&-m_{002}^{(21)}m_{111}^{(21)}m_{400}^{(11)} - 2m_{002}^{(21)}m_{111}^{(21)}m_{310}^{(10)} + 3m_{002}^{(21)}m_{111}^{(21)}m_{220}^{(00)} - 2m_{002}^{(21)}m_{021}^{(00)}m_{220}^{(20)}\\
&+2m_{002}^{(21)}m_{021}^{(00)}m_{211}^{(10)} + 4m_{002}^{(21)}m_{021}^{(10)}m_{310}^{(20)} - 2m_{002}^{(21)}m_{021}^{(10)}m_{301}^{(10)} - 2m_{002}^{(21)}m_{021}^{(10)}m_{211}^{(00)}\\
&-2m_{002}^{(21)}m_{021}^{(11)}m_{400}^{(20)} + 2m_{002}^{(21)}m_{021}^{(11)}m_{301}^{(00)} - 2m_{002}^{(21)}m_{021}^{(20)}m_{310}^{(10)} + 2m_{002}^{(21)}m_{021}^{(20)}m_{220}^{(00)}\\
&+2m_{002}^{(21)}m_{021}^{(21)}m_{400}^{(10)} - 2m_{002}^{(21)}m_{021}^{(21)}m_{310}^{(00)} - m_{002}^{(22)}m_{300}^{(00)}m_{040}^{(21)} + m_{002}^{(22)}m_{300}^{(00)}m_{031}^{(11)}\\
&+2m_{002}^{(22)}m_{300}^{(10)}m_{130}^{(21)} - m_{002}^{(22)}m_{300}^{(10)}m_{121}^{(11)} - m_{002}^{(22)}m_{300}^{(10)}m_{031}^{(10)} - m_{002}^{(22)}m_{300}^{(11)}m_{220}^{(21)}\\
&+m_{002}^{(22)}m_{300}^{(11)}m_{121}^{(10)} - m_{002}^{(22)}m_{300}^{(20)}m_{130}^{(11)} + m_{002}^{(22)}m_{300}^{(20)}m_{040}^{(10)} + m_{002}^{(22)}m_{300}^{(21)}m_{220}^{(11)}\\
&-m_{002}^{(22)}m_{300}^{(21)}m_{130}^{(10)} + 2m_{002}^{(22)}m_{210}^{(00)}m_{130}^{(21)} - 2m_{002}^{(22)}m_{210}^{(00)}m_{121}^{(11)} + m_{002}^{(22)}m_{210}^{(00)}m_{040}^{(20)}\\
&-m_{002}^{(22)}m_{210}^{(00)}m_{031}^{(10)} - 4m_{002}^{(22)}m_{210}^{(10)}m_{220}^{(21)} + 2m_{002}^{(22)}m_{210}^{(10)}m_{211}^{(11)} - 2m_{002}^{(22)}m_{210}^{(10)}m_{130}^{(20)}\\
&+3m_{002}^{(22)}m_{210}^{(10)}m_{121}^{(10)} + m_{002}^{(22)}m_{210}^{(10)}m_{031}^{(00)} + 2m_{002}^{(22)}m_{210}^{(11)}m_{310}^{(21)} + m_{002}^{(22)}m_{210}^{(11)}m_{220}^{(20)}\\
&-2m_{002}^{(22)}m_{210}^{(11)}m_{211}^{(10)} - m_{002}^{(22)}m_{210}^{(11)}m_{121}^{(00)} + 2m_{002}^{(22)}m_{210}^{(20)}m_{220}^{(11)} - m_{002}^{(22)}m_{210}^{(20)}m_{130}^{(10)}\\
&-m_{002}^{(22)}m_{210}^{(20)}m_{040}^{(00)} - 2m_{002}^{(22)}m_{210}^{(21)}m_{310}^{(11)} + m_{002}^{(22)}m_{210}^{(21)}m_{220}^{(10)} + m_{002}^{(22)}m_{210}^{(21)}m_{130}^{(00)}\\
&-m_{002}^{(22)}m_{120}^{(00)}m_{220}^{(21)} + m_{002}^{(22)}m_{120}^{(00)}m_{211}^{(11)} - 2m_{002}^{(22)}m_{120}^{(00)}m_{130}^{(20)} + 2m_{002}^{(22)}m_{120}^{(00)}m_{121}^{(10)}\\
&+2m_{002}^{(22)}m_{120}^{(10)}m_{310}^{(21)} - m_{002}^{(22)}m_{120}^{(10)}m_{301}^{(11)} + 4m_{002}^{(22)}m_{120}^{(10)}m_{220}^{(20)} - 3m_{002}^{(22)}m_{120}^{(10)}m_{211}^{(10)}\\
&-2m_{002}^{(22)}m_{120}^{(10)}m_{121}^{(00)} - m_{002}^{(22)}m_{120}^{(11)}m_{400}^{(21)} - 2m_{002}^{(22)}m_{120}^{(11)}m_{310}^{(20)} + m_{002}^{(22)}m_{120}^{(11)}m_{301}^{(10)}\\
&+2m_{002}^{(22)}m_{120}^{(11)}m_{211}^{(00)} - m_{002}^{(22)}m_{120}^{(20)}m_{310}^{(11)} - m_{002}^{(22)}m_{120}^{(20)}m_{220}^{(10)} + 2m_{002}^{(22)}m_{120}^{(20)}m_{130}^{(00)}\\
&+m_{002}^{(22)}m_{120}^{(21)}m_{400}^{(11)} + m_{002}^{(22)}m_{120}^{(21)}m_{310}^{(10)} - 2m_{002}^{(22)}m_{120}^{(21)}m_{220}^{(00)} + m_{002}^{(22)}m_{030}^{(00)}m_{220}^{(20)}\\
&-m_{002}^{(22)}m_{030}^{(00)}m_{211}^{(10)} - 2m_{002}^{(22)}m_{030}^{(10)}m_{310}^{(20)} + m_{002}^{(22)}m_{030}^{(10)}m_{301}^{(10)} + m_{002}^{(22)}m_{030}^{(10)}m_{211}^{(00)}
\end{aligned}
$$

$$
\begin{aligned}
&+m_{002}^{(22)}m_{030}^{(11)}m_{400}^{(20)} - m_{002}^{(22)}m_{030}^{(11)}m_{301}^{(00)} + m_{002}^{(22)}m_{030}^{(20)}m_{310}^{(10)} - m_{002}^{(22)}m_{030}^{(20)}m_{220}^{(00)}\\
&-m_{002}^{(22)}m_{030}^{(21)}m_{400}^{(10)} + m_{002}^{(22)}m_{030}^{(21)}m_{310}^{(00)}
\end{aligned}
$$

Generating graph:

$$\begin{array}{rrrrr} V1 & V1 & 1 & 1 & 1 \\ 1 & 2 & 2 & V2 & 2 \\ V2 & V3 & V3 & 3 & 3 \end{array}$$



$$\begin{aligned} T_{136} \;=\; & -m_{200}^{(00)} m_{030}^{(10)} m_{013}^{(22)} + m_{200}^{(00)} m_{030}^{(10)} m_{004}^{(21)} + m_{200}^{(00)} m_{030}^{(11)} m_{103}^{(22)} - m_{200}^{(00)} m_{030}^{(11)} m_{004}^{(20)} \\ & + m_{200}^{(00)} m_{030}^{(20)} m_{022}^{(22)} - m_{200}^{(00)} m_{030}^{(20)} m_{013}^{(21)} - m_{200}^{(00)} m_{030}^{(21)} m_{112}^{(22)} - m_{200}^{(00)} m_{030}^{(21)} m_{103}^{(21)} \\ & + 2m_{200}^{(00)} m_{030}^{(21)} m_{013}^{(20)} + m_{200}^{(00)} m_{030}^{(22)} m_{112}^{(21)} - m_{200}^{(00)} m_{030}^{(22)} m_{022}^{(20)} + 2m_{200}^{(00)} m_{021}^{(10)} m_{022}^{(22)} \\ & - m_{200}^{(00)} m_{021}^{(10)} m_{013}^{(21)} - m_{200}^{(00)} m_{021}^{(10)} m_{004}^{(11)} - 2m_{200}^{(00)} m_{021}^{(11)} m_{112}^{(22)} - m_{200}^{(00)} m_{021}^{(11)} m_{103}^{(21)} \\ & + 2m_{200}^{(00)} m_{021}^{(11)} m_{013}^{(20)} + m_{200}^{(00)} m_{021}^{(11)} m_{004}^{(10)} - 2m_{200}^{(00)} m_{021}^{(20)} m_{031}^{(22)} + m_{200}^{(00)} m_{021}^{(20)} m_{022}^{(21)} \\ & + m_{200}^{(00)} m_{021}^{(20)} m_{013}^{(11)} + 2m_{200}^{(00)} m_{021}^{(21)} m_{121}^{(22)} + 3m_{200}^{(00)} m_{021}^{(21)} m_{112}^{(21)} + m_{200}^{(00)} m_{021}^{(21)} m_{103}^{(11)} \\ & - 4m_{200}^{(00)} m_{021}^{(21)} m_{022}^{(20)} - 2m_{200}^{(00)} m_{021}^{(21)} m_{013}^{(10)} - 2m_{200}^{(00)} m_{021}^{(22)} m_{121}^{(21)} - m_{200}^{(00)} m_{021}^{(22)} m_{112}^{(11)} \\ & + 2m_{200}^{(00)} m_{021}^{(22)} m_{031}^{(20)} + m_{200}^{(00)} m_{021}^{(22)} m_{022}^{(10)} - m_{200}^{(00)} m_{012}^{(10)} m_{031}^{(22)} - m_{200}^{(00)} m_{012}^{(10)} m_{022}^{(21)} \\ & + 2m_{200}^{(00)} m_{012}^{(10)} m_{013}^{(11)} + m_{200}^{(00)} m_{012}^{(11)} m_{121}^{(22)} + 2m_{200}^{(00)} m_{012}^{(11)} m_{112}^{(21)} - m_{200}^{(00)} m_{012}^{(11)} m_{022}^{(20)} \\ & - 2m_{200}^{(00)} m_{012}^{(11)} m_{013}^{(10)} + m_{200}^{(00)} m_{012}^{(20)} m_{040}^{(22)} + m_{200}^{(00)} m_{012}^{(20)} m_{031}^{(21)} - 2m_{200}^{(00)} m_{012}^{(20)} m_{022}^{(11)} \\ & - m_{200}^{(00)} m_{012}^{(21)} m_{130}^{(22)} - 3m_{200}^{(00)} m_{012}^{(21)} m_{121}^{(21)} - 2m_{200}^{(00)} m_{012}^{(21)} m_{112}^{(11)} + 2m_{200}^{(00)} m_{012}^{(21)} m_{031}^{(20)} \\ & + 4m_{200}^{(00)} m_{012}^{(21)} m_{022}^{(10)} + m_{200}^{(00)} m_{012}^{(22)} m_{130}^{(21)} + 2m_{200}^{(00)} m_{012}^{(22)} m_{121}^{(11)} - m_{200}^{(00)} m_{012}^{(22)} m_{040}^{(20)} \\ & - 2m_{200}^{(00)} m_{012}^{(22)} m_{031}^{(10)} + m_{200}^{(00)} m_{003}^{(10)} m_{031}^{(21)} - m_{200}^{(00)} m_{003}^{(10)} m_{022}^{(11)} - m_{200}^{(00)} m_{003}^{(11)} m_{121}^{(21)} \\ & + m_{200}^{(00)} m_{003}^{(11)} m_{022}^{(10)} - m_{200}^{(00)} m_{003}^{(20)} m_{040}^{(21)} + m_{200}^{(00)} m_{003}^{(20)} m_{031}^{(11)} + m_{200}^{(00)} m_{003}^{(21)} m_{130}^{(21)} \\ & + m_{200}^{(00)} m_{003}^{(21)} m_{121}^{(11)} - 2m_{200}^{(00)} m_{003}^{(21)} m_{031}^{(10)} - m_{200}^{(00)} m_{003}^{(22)} m_{130}^{(11)} + m_{200}^{(00)} m_{003}^{(22)} m_{040}^{(10)} \\ & + m_{200}^{(10)} m_{120}^{(10)} m_{013}^{(22)} - m_{200}^{(10)} m_{120}^{(10)} m_{004}^{(21)} - m_{200}^{(10)} m_{120}^{(11)} m_{103}^{(22)} + m_{200}^{(10)} m_{120}^{(11)} m_{004}^{(20)} \\ & - m_{200}^{(10)} m_{120}^{(20)} m_{022}^{(22)} + m_{200}^{(10)} m_{120}^{(20)} m_{013}^{(21)} + m_{200}^{(10)} m_{120}^{(21)} m_{112}^{(22)} + m_{200}^{(10)} m_{120}^{(21)} m_{103}^{(21)} \\ & - 2m_{200}^{(10)} m_{120}^{(21)} m_{013}^{(20)} - m_{200}^{(10)} m_{120}^{(22)} m_{112}^{(21)} + m_{200}^{(10)} m_{120}^{(22)} m_{022}^{(20)} - m_{200}^{(10)} m_{111}^{(10)} m_{022}^{(22)} \\ & + m_{200}^{(10)} m_{111}^{(10)} m_{004}^{(11)} + m_{200}^{(10)} m_{111}^{(11)} m_{112}^{(22)} + m_{200}^{(10)} m_{111}^{(11)} m_{103}^{(21)} - m_{200}^{(10)} m_{111}^{(11)} m_{013}^{(20)} \\ & - m_{200}^{(10)} m_{111}^{(11)} m_{004}^{(10)} + m_{200}^{(10)} m_{111}^{(20)} m_{031}^{(22)} - m_{200}^{(10)} m_{111}^{(20)} m_{013}^{(11)} - m_{200}^{(10)} m_{111}^{(21)} m_{121}^{(22)} \\ & - 2m_{200}^{(10)} m_{111}^{(21)} m_{112}^{(21)} - m_{200}^{(10)} m_{111}^{(21)} m_{103}^{(11)} + 2m_{200}^{(10)} m_{111}^{(21)} m_{022}^{(20)} + 2m_{200}^{(10)} m_{111}^{(21)} m_{013}^{(10)} \end{aligned}$$

$$
\begin{aligned}
&+m_{200}^{(10)}m_{111}^{(22)}m_{121}^{(21)}+m_{200}^{(10)}m_{111}^{(22)}m_{112}^{(11)}-m_{200}^{(10)}m_{111}^{(22)}m_{031}^{(20)}-m_{200}^{(10)}m_{111}^{(22)}m_{022}^{(10)}\\
&+m_{200}^{(10)}m_{102}^{(10)}m_{022}^{(21)}-m_{200}^{(10)}m_{102}^{(10)}m_{013}^{(11)}-m_{200}^{(10)}m_{102}^{(11)}m_{112}^{(21)}+m_{200}^{(10)}m_{102}^{(11)}m_{013}^{(10)}\\
&-m_{200}^{(10)}m_{102}^{(20)}m_{031}^{(21)}+m_{200}^{(10)}m_{102}^{(20)}m_{022}^{(11)}+m_{200}^{(10)}m_{102}^{(21)}m_{121}^{(21)}+m_{200}^{(10)}m_{102}^{(21)}m_{112}^{(11)}\\
&-2m_{200}^{(10)}m_{102}^{(21)}m_{022}^{(10)}-m_{200}^{(10)}m_{102}^{(22)}m_{121}^{(11)}+m_{200}^{(10)}m_{102}^{(22)}m_{031}^{(10)}+m_{200}^{(10)}m_{030}^{(00)}m_{013}^{(22)}\\
&-m_{200}^{(10)}m_{030}^{(00)}m_{004}^{(21)}-m_{200}^{(10)}m_{030}^{(10)}m_{103}^{(22)}+m_{200}^{(10)}m_{030}^{(10)}m_{004}^{(20)}-m_{200}^{(10)}m_{030}^{(20)}m_{112}^{(22)}\\
&+2m_{200}^{(10)}m_{030}^{(20)}m_{103}^{(21)}-m_{200}^{(10)}m_{030}^{(20)}m_{013}^{(20)}+m_{200}^{(10)}m_{030}^{(21)}m_{202}^{(22)}-m_{200}^{(10)}m_{030}^{(21)}m_{103}^{(20)}\\
&-m_{200}^{(10)}m_{030}^{(22)}m_{202}^{(21)}+m_{200}^{(10)}m_{030}^{(22)}m_{112}^{(20)}-2m_{200}^{(10)}m_{021}^{(00)}m_{022}^{(22)}+m_{200}^{(10)}m_{021}^{(00)}m_{013}^{(21)}\\
&+m_{200}^{(10)}m_{021}^{(00)}m_{004}^{(11)}+m_{200}^{(10)}m_{021}^{(10)}m_{112}^{(22)}+2m_{200}^{(10)}m_{021}^{(10)}m_{103}^{(21)}-2m_{200}^{(10)}m_{021}^{(10)}m_{013}^{(20)}\\
&-m_{200}^{(10)}m_{021}^{(10)}m_{004}^{(10)}+m_{200}^{(10)}m_{021}^{(11)}m_{202}^{(22)}-m_{200}^{(10)}m_{021}^{(11)}m_{103}^{(20)}+3m_{200}^{(10)}m_{021}^{(20)}m_{121}^{(22)}\\
&-4m_{200}^{(10)}m_{021}^{(20)}m_{112}^{(21)}-2m_{200}^{(10)}m_{021}^{(20)}m_{103}^{(11)}+2m_{200}^{(10)}m_{021}^{(20)}m_{022}^{(20)}+m_{200}^{(10)}m_{021}^{(20)}m_{013}^{(10)}\\
&-3m_{200}^{(10)}m_{021}^{(21)}m_{211}^{(22)}-2m_{200}^{(10)}m_{021}^{(21)}m_{202}^{(21)}+4m_{200}^{(10)}m_{021}^{(21)}m_{112}^{(20)}+m_{200}^{(10)}m_{021}^{(21)}m_{103}^{(10)}\\
&+3m_{200}^{(10)}m_{021}^{(22)}m_{211}^{(21)}+m_{200}^{(10)}m_{021}^{(22)}m_{202}^{(11)}-3m_{200}^{(10)}m_{021}^{(22)}m_{121}^{(20)}-m_{200}^{(10)}m_{021}^{(22)}m_{112}^{(10)}\\
&+m_{200}^{(10)}m_{012}^{(00)}m_{031}^{(22)}+m_{200}^{(10)}m_{012}^{(00)}m_{022}^{(21)}-2m_{200}^{(10)}m_{012}^{(00)}m_{013}^{(11)}-2m_{200}^{(10)}m_{012}^{(10)}m_{112}^{(21)}\\
&-m_{200}^{(10)}m_{012}^{(10)}m_{103}^{(11)}+m_{200}^{(10)}m_{012}^{(10)}m_{022}^{(20)}+2m_{200}^{(10)}m_{012}^{(10)}m_{013}^{(10)}-m_{200}^{(10)}m_{012}^{(11)}m_{211}^{(22)}\\
&-m_{200}^{(10)}m_{012}^{(11)}m_{202}^{(21)}+m_{200}^{(10)}m_{012}^{(11)}m_{112}^{(20)}+m_{200}^{(10)}m_{012}^{(11)}m_{103}^{(10)}-2m_{200}^{(10)}m_{012}^{(20)}m_{130}^{(22)}\\
&+5m_{200}^{(10)}m_{012}^{(20)}m_{112}^{(11)}-m_{200}^{(10)}m_{012}^{(20)}m_{031}^{(20)}-2m_{200}^{(10)}m_{012}^{(20)}m_{022}^{(10)}+2m_{200}^{(10)}m_{012}^{(21)}m_{220}^{(22)}\\
&+4m_{200}^{(10)}m_{012}^{(21)}m_{211}^{(21)}+m_{200}^{(10)}m_{012}^{(21)}m_{202}^{(11)}-3m_{200}^{(10)}m_{012}^{(21)}m_{121}^{(20)}-4m_{200}^{(10)}m_{012}^{(21)}m_{112}^{(10)}\\
&-2m_{200}^{(10)}m_{012}^{(22)}m_{220}^{(21)}-3m_{200}^{(10)}m_{012}^{(22)}m_{211}^{(11)}+2m_{200}^{(10)}m_{012}^{(22)}m_{130}^{(20)}+3m_{200}^{(10)}m_{012}^{(22)}m_{121}^{(10)}\\
&-m_{200}^{(10)}m_{003}^{(00)}m_{031}^{(21)}+m_{200}^{(10)}m_{003}^{(00)}m_{022}^{(11)}+m_{200}^{(10)}m_{003}^{(10)}m_{112}^{(11)}-m_{200}^{(10)}m_{003}^{(10)}m_{022}^{(10)}\\
&+m_{200}^{(10)}m_{003}^{(11)}m_{211}^{(21)}-m_{200}^{(10)}m_{003}^{(11)}m_{112}^{(10)}+2m_{200}^{(10)}m_{003}^{(20)}m_{130}^{(21)}-3m_{200}^{(10)}m_{003}^{(20)}m_{121}^{(11)}\\
&+m_{200}^{(10)}m_{003}^{(20)}m_{031}^{(10)}-2m_{200}^{(10)}m_{003}^{(21)}m_{220}^{(21)}-m_{200}^{(10)}m_{003}^{(21)}m_{211}^{(11)}+3m_{200}^{(10)}m_{003}^{(21)}m_{121}^{(10)}\\
&+2m_{200}^{(10)}m_{003}^{(22)}m_{220}^{(11)}-2m_{200}^{(10)}m_{003}^{(22)}m_{130}^{(10)}-m_{200}^{(11)}m_{120}^{(00)}m_{022}^{(22)}+m_{200}^{(11)}m_{120}^{(00)}m_{004}^{(21)}\\
&+m_{200}^{(11)}m_{120}^{(10)}m_{103}^{(22)}-m_{200}^{(11)}m_{120}^{(10)}m_{004}^{(20)}+m_{200}^{(11)}m_{120}^{(20)}m_{112}^{(22)}-2m_{200}^{(11)}m_{120}^{(20)}m_{103}^{(21)}\\
&+m_{200}^{(11)}m_{120}^{(20)}m_{013}^{(20)}-m_{200}^{(11)}m_{120}^{(21)}m_{202}^{(22)}+m_{200}^{(11)}m_{120}^{(21)}m_{103}^{(20)}+m_{200}^{(11)}m_{120}^{(22)}m_{202}^{(21)}\\
&-m_{200}^{(11)}m_{120}^{(22)}m_{112}^{(20)}+m_{200}^{(11)}m_{111}^{(00)}m_{022}^{(22)}-m_{200}^{(11)}m_{111}^{(00)}m_{004}^{(11)}-m_{200}^{(11)}m_{111}^{(10)}m_{112}^{(22)}\\
&-m_{200}^{(11)}m_{111}^{(10)}m_{103}^{(21)}+m_{200}^{(11)}m_{111}^{(10)}m_{013}^{(20)}+m_{200}^{(11)}m_{111}^{(10)}m_{004}^{(10)}-m_{200}^{(11)}m_{111}^{(20)}m_{121}^{(22)}\\
&+m_{200}^{(11)}m_{111}^{(20)}m_{112}^{(21)}+2m_{200}^{(11)}m_{111}^{(20)}m_{103}^{(11)}-m_{200}^{(11)}m_{111}^{(20)}m_{022}^{(20)}-m_{200}^{(11)}m_{111}^{(20)}m_{013}^{(10)}\\
&+m_{200}^{(11)}m_{111}^{(21)}m_{211}^{(22)}+m_{200}^{(11)}m_{111}^{(21)}m_{202}^{(21)}-m_{200}^{(11)}m_{111}^{(21)}m_{112}^{(20)}-m_{200}^{(11)}m_{111}^{(21)}m_{103}^{(10)}\\
&-m_{200}^{(11)}m_{111}^{(22)}m_{211}^{(21)}-m_{200}^{(11)}m_{111}^{(22)}m_{202}^{(11)}+m_{200}^{(11)}m_{111}^{(22)}m_{121}^{(20)}+m_{200}^{(11)}m_{111}^{(22)}m_{112}^{(10)}\\
&-m_{200}^{(11)}m_{102}^{(00)}m_{022}^{(21)}+m_{200}^{(11)}m_{102}^{(00)}m_{013}^{(11)}+m_{200}^{(11)}m_{102}^{(10)}m_{112}^{(21)}-m_{200}^{(11)}m_{102}^{(10)}m_{013}^{(10)}\\
&+m_{200}^{(11)}m_{102}^{(20)}m_{121}^{(21)}-2m_{200}^{(11)}m_{102}^{(20)}m_{112}^{(11)}+m_{200}^{(11)}m_{102}^{(20)}m_{022}^{(10)}-m_{200}^{(11)}m_{102}^{(21)}m_{211}^{(21)}\\
&+m_{200}^{(11)}m_{102}^{(21)}m_{112}^{(10)}+m_{200}^{(11)}m_{102}^{(22)}m_{211}^{(11)}-m_{200}^{(11)}m_{102}^{(22)}m_{121}^{(10)}+m_{200}^{(11)}m_{021}^{(00)}m_{112}^{(22)}\\
&-m_{200}^{(11)}m_{021}^{(00)}m_{103}^{(21)}-m_{200}^{(11)}m_{021}^{(10)}m_{202}^{(22)}+m_{200}^{(11)}m_{021}^{(10)}m_{103}^{(20)}-m_{200}^{(11)}m_{021}^{(20)}m_{211}^{(22)}\\
&+2m_{200}^{(11)}m_{021}^{(20)}m_{202}^{(21)}-m_{200}^{(11)}m_{021}^{(20)}m_{112}^{(20)}+m_{200}^{(11)}m_{021}^{(21)}m_{301}^{(22)}-m_{200}^{(11)}m_{021}^{(21)}m_{202}^{(20)}\\
&-m_{200}^{(11)}m_{021}^{(22)}m_{301}^{(21)}+m_{200}^{(11)}m_{021}^{(22)}m_{211}^{(20)}-m_{200}^{(11)}m_{012}^{(00)}m_{121}^{(22)}+m_{200}^{(11)}m_{012}^{(00)}m_{103}^{(11)}\\
&+m_{200}^{(11)}m_{012}^{(10)}m_{211}^{(22)}+m_{200}^{(11)}m_{012}^{(10)}m_{202}^{(21)}-m_{200}^{(11)}m_{012}^{(10)}m_{112}^{(20)}-m_{200}^{(11)}m_{012}^{(10)}m_{103}^{(10)}\\
&+m_{200}^{(11)}m_{012}^{(20)}m_{220}^{(22)}-m_{200}^{(11)}m_{012}^{(20)}m_{211}^{(21)}-2m_{200}^{(11)}m_{012}^{(20)}m_{202}^{(11)}+m_{200}^{(11)}m_{012}^{(20)}m_{121}^{(20)}\\
&+m_{200}^{(11)}m_{012}^{(20)}m_{112}^{(10)}-m_{200}^{(11)}m_{012}^{(21)}m_{310}^{(22)}-m_{200}^{(11)}m_{012}^{(21)}m_{301}^{(21)}+m_{200}^{(11)}m_{012}^{(21)}m_{211}^{(20)}
\end{aligned}
$$

$$+m_{200}^{(11)}m_{012}^{(21)}m_{202}^{(10)}+m_{200}^{(11)}m_{012}^{(22)}m_{310}^{(21)}+m_{200}^{(11)}m_{012}^{(22)}m_{301}^{(11)}-m_{200}^{(11)}m_{012}^{(22)}m_{220}^{(20)}$$
$$-m_{200}^{(11)}m_{012}^{(22)}m_{211}^{(10)}+m_{200}^{(11)}m_{003}^{(00)}m_{121}^{(21)}-m_{200}^{(11)}m_{003}^{(00)}m_{112}^{(11)}-m_{200}^{(11)}m_{003}^{(10)}m_{211}^{(21)}$$
$$+m_{200}^{(11)}m_{003}^{(10)}m_{112}^{(10)}-m_{200}^{(11)}m_{003}^{(20)}m_{220}^{(21)}+2m_{200}^{(11)}m_{003}^{(20)}m_{211}^{(11)}-m_{200}^{(11)}m_{003}^{(20)}m_{121}^{(10)}$$
$$+m_{200}^{(11)}m_{003}^{(21)}m_{310}^{(21)}-m_{200}^{(11)}m_{003}^{(21)}m_{211}^{(10)}-m_{200}^{(11)}m_{003}^{(22)}m_{310}^{(11)}+m_{200}^{(11)}m_{003}^{(22)}m_{220}^{(10)}$$
$$-m_{200}^{(20)}m_{120}^{(10)}m_{022}^{(22)}+m_{200}^{(20)}m_{120}^{(10)}m_{013}^{(21)}+m_{200}^{(20)}m_{120}^{(11)}m_{112}^{(22)}-m_{200}^{(20)}m_{120}^{(11)}m_{013}^{(20)}$$
$$+m_{200}^{(20)}m_{120}^{(20)}m_{031}^{(22)}-m_{200}^{(20)}m_{120}^{(20)}m_{022}^{(21)}-m_{200}^{(20)}m_{120}^{(21)}m_{121}^{(22)}-m_{200}^{(20)}m_{120}^{(21)}m_{112}^{(21)}$$
$$+2m_{200}^{(20)}m_{120}^{(21)}m_{022}^{(20)}+m_{200}^{(20)}m_{120}^{(22)}m_{121}^{(21)}-m_{200}^{(20)}m_{120}^{(22)}m_{031}^{(20)}+m_{200}^{(20)}m_{111}^{(10)}m_{031}^{(22)}$$
$$-m_{200}^{(20)}m_{111}^{(10)}m_{013}^{(11)}-m_{200}^{(20)}m_{111}^{(11)}m_{121}^{(22)}-m_{200}^{(20)}m_{111}^{(11)}m_{112}^{(21)}+m_{200}^{(20)}m_{111}^{(11)}m_{022}^{(20)}$$
$$+m_{200}^{(20)}m_{111}^{(11)}m_{013}^{(10)}-m_{200}^{(20)}m_{111}^{(20)}m_{040}^{(22)}+m_{200}^{(20)}m_{111}^{(20)}m_{022}^{(11)}+m_{200}^{(20)}m_{111}^{(21)}m_{130}^{(22)}$$
$$+2m_{200}^{(20)}m_{111}^{(21)}m_{121}^{(21)}+m_{200}^{(20)}m_{111}^{(21)}m_{112}^{(11)}-2m_{200}^{(20)}m_{111}^{(21)}m_{031}^{(20)}-2m_{200}^{(20)}m_{111}^{(21)}m_{022}^{(10)}$$
$$-m_{200}^{(20)}m_{111}^{(22)}m_{130}^{(21)}-m_{200}^{(20)}m_{111}^{(22)}m_{121}^{(11)}+m_{200}^{(20)}m_{111}^{(22)}m_{040}^{(20)}+m_{200}^{(20)}m_{111}^{(22)}m_{031}^{(10)}$$
$$-m_{200}^{(20)}m_{102}^{(10)}m_{031}^{(21)}+m_{200}^{(20)}m_{102}^{(10)}m_{022}^{(11)}+m_{200}^{(20)}m_{102}^{(11)}m_{121}^{(21)}-m_{200}^{(20)}m_{102}^{(11)}m_{022}^{(10)}$$
$$+m_{200}^{(20)}m_{102}^{(20)}m_{040}^{(21)}-m_{200}^{(20)}m_{102}^{(20)}m_{031}^{(11)}-m_{200}^{(20)}m_{102}^{(21)}m_{130}^{(21)}-m_{200}^{(20)}m_{102}^{(21)}m_{121}^{(11)}$$
$$+2m_{200}^{(20)}m_{102}^{(21)}m_{031}^{(10)}+m_{200}^{(20)}m_{102}^{(22)}m_{130}^{(11)}-m_{200}^{(20)}m_{102}^{(22)}m_{040}^{(10)}-m_{200}^{(20)}m_{030}^{(00)}m_{022}^{(22)}$$
$$+m_{200}^{(20)}m_{030}^{(00)}m_{013}^{(21)}+3m_{200}^{(20)}m_{030}^{(10)}m_{112}^{(22)}-2m_{200}^{(20)}m_{030}^{(10)}m_{103}^{(21)}-m_{200}^{(20)}m_{030}^{(10)}m_{013}^{(20)}$$
$$-2m_{200}^{(20)}m_{030}^{(11)}m_{202}^{(22)}+2m_{200}^{(20)}m_{030}^{(11)}m_{103}^{(20)}-m_{200}^{(20)}m_{030}^{(20)}m_{121}^{(22)}+m_{200}^{(20)}m_{030}^{(20)}m_{022}^{(20)}$$
$$+m_{200}^{(20)}m_{030}^{(21)}m_{211}^{(22)}+2m_{200}^{(20)}m_{030}^{(21)}m_{202}^{(21)}-3m_{200}^{(20)}m_{030}^{(21)}m_{112}^{(20)}-m_{200}^{(20)}m_{030}^{(22)}m_{211}^{(21)}$$
$$+m_{200}^{(20)}m_{030}^{(22)}m_{121}^{(20)}+2m_{200}^{(20)}m_{021}^{(00)}m_{031}^{(22)}-m_{200}^{(20)}m_{021}^{(00)}m_{022}^{(21)}-m_{200}^{(20)}m_{021}^{(00)}m_{013}^{(11)}$$
$$-5m_{200}^{(20)}m_{021}^{(10)}m_{121}^{(22)}+2m_{200}^{(20)}m_{021}^{(10)}m_{103}^{(11)}+2m_{200}^{(20)}m_{021}^{(10)}m_{022}^{(20)}+m_{200}^{(20)}m_{021}^{(10)}m_{013}^{(10)}$$
$$+3m_{200}^{(20)}m_{021}^{(11)}m_{211}^{(22)}+2m_{200}^{(20)}m_{021}^{(11)}m_{202}^{(21)}-3m_{200}^{(20)}m_{021}^{(11)}m_{112}^{(20)}-2m_{200}^{(20)}m_{021}^{(11)}m_{103}^{(10)}$$
$$+m_{200}^{(20)}m_{021}^{(20)}m_{130}^{(22)}+2m_{200}^{(20)}m_{021}^{(20)}m_{121}^{(21)}-2m_{200}^{(20)}m_{021}^{(20)}m_{031}^{(20)}-m_{200}^{(20)}m_{021}^{(20)}m_{022}^{(10)}$$
$$-m_{200}^{(20)}m_{021}^{(21)}m_{220}^{(22)}-4m_{200}^{(20)}m_{021}^{(21)}m_{211}^{(21)}-2m_{200}^{(20)}m_{021}^{(21)}m_{202}^{(11)}+4m_{200}^{(20)}m_{021}^{(21)}m_{121}^{(20)}$$
$$+3m_{200}^{(20)}m_{021}^{(21)}m_{112}^{(10)}+m_{200}^{(20)}m_{021}^{(22)}m_{220}^{(21)}+m_{200}^{(20)}m_{021}^{(22)}m_{211}^{(11)}-m_{200}^{(20)}m_{021}^{(22)}m_{130}^{(20)}$$
$$-m_{200}^{(20)}m_{021}^{(22)}m_{121}^{(10)}-m_{200}^{(20)}m_{012}^{(00)}m_{040}^{(22)}-m_{200}^{(20)}m_{012}^{(00)}m_{031}^{(21)}+2m_{200}^{(20)}m_{012}^{(00)}m_{022}^{(11)}$$
$$+2m_{200}^{(20)}m_{012}^{(10)}m_{130}^{(22)}+4m_{200}^{(20)}m_{012}^{(10)}m_{121}^{(21)}-3m_{200}^{(20)}m_{012}^{(10)}m_{112}^{(11)}-m_{200}^{(20)}m_{012}^{(10)}m_{031}^{(20)}$$
$$-2m_{200}^{(20)}m_{012}^{(10)}m_{022}^{(10)}-m_{200}^{(20)}m_{012}^{(11)}m_{220}^{(22)}-3m_{200}^{(20)}m_{012}^{(11)}m_{211}^{(21)}+m_{200}^{(20)}m_{012}^{(11)}m_{121}^{(20)}$$
$$+3m_{200}^{(20)}m_{012}^{(11)}m_{112}^{(10)}-2m_{200}^{(20)}m_{012}^{(20)}m_{130}^{(21)}-m_{200}^{(20)}m_{012}^{(20)}m_{121}^{(11)}+m_{200}^{(20)}m_{012}^{(20)}m_{040}^{(20)}$$
$$+2m_{200}^{(20)}m_{012}^{(20)}m_{031}^{(10)}+2m_{200}^{(20)}m_{012}^{(21)}m_{220}^{(21)}+3m_{200}^{(20)}m_{012}^{(21)}m_{211}^{(11)}-m_{200}^{(20)}m_{012}^{(21)}m_{130}^{(20)}$$
$$-4m_{200}^{(20)}m_{012}^{(21)}m_{121}^{(10)}-m_{200}^{(20)}m_{012}^{(22)}m_{220}^{(11)}+m_{200}^{(20)}m_{012}^{(22)}m_{130}^{(10)}+m_{200}^{(20)}m_{003}^{(00)}m_{040}^{(21)}$$
$$-m_{200}^{(20)}m_{003}^{(00)}m_{031}^{(11)}-2m_{200}^{(20)}m_{003}^{(10)}m_{130}^{(21)}+m_{200}^{(20)}m_{003}^{(10)}m_{121}^{(11)}+m_{200}^{(20)}m_{003}^{(10)}m_{031}^{(10)}$$
$$+m_{200}^{(20)}m_{003}^{(11)}m_{220}^{(21)}-m_{200}^{(20)}m_{003}^{(11)}m_{121}^{(10)}+m_{200}^{(20)}m_{003}^{(20)}m_{130}^{(11)}-m_{200}^{(20)}m_{003}^{(20)}m_{040}^{(10)}$$
$$-m_{200}^{(20)}m_{003}^{(21)}m_{220}^{(11)}+m_{200}^{(20)}m_{003}^{(21)}m_{130}^{(10)}+2m_{200}^{(21)}m_{120}^{(00)}m_{022}^{(22)}-2m_{200}^{(21)}m_{120}^{(00)}m_{013}^{(21)}$$
$$-3m_{200}^{(21)}m_{120}^{(10)}m_{112}^{(22)}+m_{200}^{(21)}m_{120}^{(10)}m_{103}^{(21)}+2m_{200}^{(21)}m_{120}^{(10)}m_{013}^{(20)}+m_{200}^{(21)}m_{120}^{(11)}m_{112}^{(22)}$$
$$-m_{200}^{(21)}m_{120}^{(11)}m_{103}^{(20)}-m_{200}^{(21)}m_{120}^{(20)}m_{121}^{(22)}+3m_{200}^{(21)}m_{120}^{(20)}m_{112}^{(21)}-2m_{200}^{(21)}m_{120}^{(20)}m_{022}^{(20)}$$
$$+m_{200}^{(21)}m_{120}^{(21)}m_{211}^{(22)}-m_{200}^{(21)}m_{120}^{(21)}m_{202}^{(21)}-m_{200}^{(21)}m_{120}^{(22)}m_{211}^{(21)}+m_{200}^{(21)}m_{120}^{(22)}m_{121}^{(20)}$$
$$-2m_{200}^{(21)}m_{111}^{(00)}m_{031}^{(22)}+2m_{200}^{(21)}m_{111}^{(00)}m_{013}^{(11)}+3m_{200}^{(21)}m_{111}^{(10)}m_{121}^{(22)}+2m_{200}^{(21)}m_{111}^{(10)}m_{112}^{(21)}$$
$$-m_{200}^{(21)}m_{111}^{(10)}m_{103}^{(11)}-2m_{200}^{(21)}m_{111}^{(10)}m_{022}^{(20)}-2m_{200}^{(21)}m_{111}^{(10)}m_{013}^{(10)}-m_{200}^{(21)}m_{111}^{(11)}m_{211}^{(22)}$$
$$-m_{200}^{(21)}m_{111}^{(11)}m_{202}^{(21)}+m_{200}^{(21)}m_{111}^{(11)}m_{112}^{(20)}+m_{200}^{(21)}m_{111}^{(11)}m_{103}^{(10)}+m_{200}^{(21)}m_{111}^{(20)}m_{130}^{(22)}$$

$$
\begin{aligned}
&-2m_{200}^{(21)}m_{111}^{(20)}m_{121}^{(21)} - 3m_{200}^{(21)}m_{111}^{(20)}m_{112}^{(11)} + 2m_{200}^{(21)}m_{111}^{(20)}m_{031}^{(20)} + 2m_{200}^{(21)}m_{111}^{(20)}m_{022}^{(10)}\\
&-m_{200}^{(21)}m_{111}^{(21)}m_{220}^{(22)} + m_{200}^{(21)}m_{111}^{(21)}m_{202}^{(11)} + m_{200}^{(21)}m_{111}^{(22)}m_{220}^{(21)} + m_{200}^{(21)}m_{111}^{(22)}m_{211}^{(11)}\\
&-m_{200}^{(21)}m_{111}^{(22)}m_{130}^{(20)} - m_{200}^{(21)}m_{111}^{(22)}m_{121}^{(10)} + 2m_{200}^{(21)}m_{102}^{(00)}m_{031}^{(21)} - 2m_{200}^{(21)}m_{102}^{(00)}m_{022}^{(11)}\\
&-3m_{200}^{(21)}m_{102}^{(10)}m_{121}^{(21)} + m_{200}^{(21)}m_{102}^{(10)}m_{112}^{(11)} + 2m_{200}^{(21)}m_{102}^{(10)}m_{022}^{(10)} + m_{200}^{(21)}m_{102}^{(11)}m_{211}^{(21)}\\
&-m_{200}^{(21)}m_{102}^{(11)}m_{112}^{(10)} - m_{200}^{(21)}m_{102}^{(20)}m_{130}^{(21)} + 3m_{200}^{(21)}m_{102}^{(20)}m_{121}^{(11)} - 2m_{200}^{(21)}m_{102}^{(20)}m_{031}^{(10)}\\
&+m_{200}^{(21)}m_{102}^{(21)}m_{220}^{(21)} - m_{200}^{(21)}m_{102}^{(21)}m_{211}^{(11)} - m_{200}^{(21)}m_{102}^{(22)}m_{220}^{(11)} + m_{200}^{(21)}m_{102}^{(22)}m_{130}^{(10)}\\
&-m_{200}^{(21)}m_{030}^{(00)}m_{112}^{(22)} + m_{200}^{(21)}m_{030}^{(00)}m_{103}^{(21)} + m_{200}^{(21)}m_{030}^{(10)}m_{202}^{(22)} - m_{200}^{(21)}m_{030}^{(10)}m_{103}^{(20)}\\
&+m_{200}^{(21)}m_{030}^{(20)}m_{211}^{(22)} - 2m_{200}^{(21)}m_{030}^{(20)}m_{202}^{(21)} + m_{200}^{(21)}m_{030}^{(20)}m_{112}^{(20)} - m_{200}^{(21)}m_{030}^{(21)}m_{301}^{(22)}\\
&+m_{200}^{(21)}m_{030}^{(21)}m_{202}^{(20)} + m_{200}^{(21)}m_{030}^{(22)}m_{301}^{(21)} - m_{200}^{(21)}m_{030}^{(22)}m_{211}^{(20)} + m_{200}^{(21)}m_{021}^{(00)}m_{112}^{(21)}\\
&-m_{200}^{(21)}m_{021}^{(00)}m_{103}^{(11)} + m_{200}^{(21)}m_{021}^{(10)}m_{211}^{(22)} - 2m_{200}^{(21)}m_{021}^{(10)}m_{202}^{(21)} + m_{200}^{(21)}m_{021}^{(10)}m_{103}^{(10)}\\
&-m_{200}^{(21)}m_{021}^{(11)}m_{301}^{(22)} + m_{200}^{(21)}m_{021}^{(11)}m_{202}^{(20)} - m_{200}^{(21)}m_{021}^{(20)}m_{220}^{(22)} + 2m_{200}^{(21)}m_{021}^{(20)}m_{202}^{(11)}\\
&-m_{200}^{(21)}m_{021}^{(20)}m_{112}^{(10)} + m_{200}^{(21)}m_{021}^{(21)}m_{310}^{(22)} + 2m_{200}^{(21)}m_{021}^{(21)}m_{301}^{(21)} - 2m_{200}^{(21)}m_{021}^{(21)}m_{211}^{(20)}\\
&-m_{200}^{(21)}m_{021}^{(21)}m_{202}^{(10)} - m_{200}^{(21)}m_{021}^{(22)}m_{310}^{(21)} - m_{200}^{(21)}m_{021}^{(22)}m_{301}^{(11)} + m_{200}^{(21)}m_{021}^{(22)}m_{220}^{(20)}\\
&+m_{200}^{(21)}m_{021}^{(22)}m_{211}^{(10)} + m_{200}^{(21)}m_{012}^{(00)}m_{130}^{(22)} - m_{200}^{(21)}m_{012}^{(00)}m_{121}^{(21)} - 2m_{200}^{(21)}m_{012}^{(10)}m_{220}^{(22)}\\
&+m_{200}^{(21)}m_{012}^{(10)}m_{202}^{(11)} + m_{200}^{(21)}m_{012}^{(10)}m_{121}^{(20)} + m_{200}^{(21)}m_{012}^{(11)}m_{310}^{(22)} + m_{200}^{(21)}m_{012}^{(11)}m_{301}^{(21)}\\
&-m_{200}^{(21)}m_{012}^{(11)}m_{211}^{(20)} - m_{200}^{(21)}m_{012}^{(11)}m_{202}^{(10)} + 2m_{200}^{(21)}m_{012}^{(20)}m_{220}^{(21)} - m_{200}^{(21)}m_{012}^{(20)}m_{211}^{(11)}\\
&-m_{200}^{(21)}m_{012}^{(20)}m_{130}^{(20)} - 2m_{200}^{(21)}m_{012}^{(21)}m_{310}^{(21)} - m_{200}^{(21)}m_{012}^{(21)}m_{301}^{(11)} + m_{200}^{(21)}m_{012}^{(21)}m_{220}^{(20)}\\
&+2m_{200}^{(21)}m_{012}^{(21)}m_{211}^{(10)} + m_{200}^{(21)}m_{012}^{(22)}m_{310}^{(11)} - m_{200}^{(21)}m_{012}^{(22)}m_{220}^{(10)} - m_{200}^{(21)}m_{003}^{(00)}m_{130}^{(21)}\\
&+m_{200}^{(21)}m_{003}^{(00)}m_{121}^{(11)} + 2m_{200}^{(21)}m_{003}^{(10)}m_{220}^{(21)} - m_{200}^{(21)}m_{003}^{(10)}m_{211}^{(11)} - m_{200}^{(21)}m_{003}^{(10)}m_{121}^{(10)}\\
&-m_{200}^{(21)}m_{003}^{(11)}m_{310}^{(21)} + m_{200}^{(21)}m_{003}^{(11)}m_{211}^{(10)} - m_{200}^{(21)}m_{003}^{(20)}m_{220}^{(11)} + m_{200}^{(21)}m_{003}^{(20)}m_{130}^{(10)}\\
&+m_{200}^{(21)}m_{003}^{(21)}m_{310}^{(11)} - m_{200}^{(21)}m_{003}^{(21)}m_{220}^{(10)} - m_{200}^{(22)}m_{120}^{(00)}m_{031}^{(22)} + m_{200}^{(22)}m_{120}^{(00)}m_{022}^{(21)}\\
&+2m_{200}^{(22)}m_{120}^{(10)}m_{121}^{(22)} - m_{200}^{(22)}m_{120}^{(10)}m_{112}^{(21)} - m_{200}^{(22)}m_{120}^{(10)}m_{022}^{(20)} - m_{200}^{(22)}m_{120}^{(11)}m_{211}^{(22)}\\
&+m_{200}^{(22)}m_{120}^{(11)}m_{112}^{(20)} - m_{200}^{(22)}m_{120}^{(20)}m_{121}^{(21)} + m_{200}^{(22)}m_{120}^{(20)}m_{031}^{(20)} + m_{200}^{(22)}m_{120}^{(21)}m_{211}^{(21)}\\
&-m_{200}^{(22)}m_{120}^{(21)}m_{121}^{(20)} + m_{200}^{(22)}m_{111}^{(00)}m_{040}^{(22)} - m_{200}^{(22)}m_{111}^{(00)}m_{022}^{(11)} - 2m_{200}^{(22)}m_{111}^{(10)}m_{130}^{(22)}\\
&-m_{200}^{(22)}m_{111}^{(10)}m_{121}^{(21)} + m_{200}^{(22)}m_{111}^{(10)}m_{112}^{(11)} + m_{200}^{(22)}m_{111}^{(10)}m_{031}^{(20)} + m_{200}^{(22)}m_{111}^{(10)}m_{022}^{(10)}\\
&+m_{200}^{(22)}m_{111}^{(11)}m_{220}^{(22)} + m_{200}^{(22)}m_{111}^{(11)}m_{211}^{(21)} - m_{200}^{(22)}m_{111}^{(11)}m_{121}^{(20)} - m_{200}^{(22)}m_{111}^{(11)}m_{112}^{(10)}\\
&+m_{200}^{(22)}m_{111}^{(20)}m_{130}^{(21)} + m_{200}^{(22)}m_{111}^{(20)}m_{121}^{(11)} - m_{200}^{(22)}m_{111}^{(20)}m_{040}^{(20)} - m_{200}^{(22)}m_{111}^{(20)}m_{031}^{(10)}\\
&-m_{200}^{(22)}m_{111}^{(21)}m_{220}^{(21)} - m_{200}^{(22)}m_{111}^{(21)}m_{211}^{(11)} + m_{200}^{(22)}m_{111}^{(21)}m_{130}^{(20)} + m_{200}^{(22)}m_{111}^{(21)}m_{121}^{(10)}\\
&-m_{200}^{(22)}m_{102}^{(00)}m_{040}^{(21)} + m_{200}^{(22)}m_{102}^{(00)}m_{031}^{(11)} + 2m_{200}^{(22)}m_{102}^{(10)}m_{130}^{(21)} - m_{200}^{(22)}m_{102}^{(10)}m_{121}^{(11)}\\
&-m_{200}^{(22)}m_{102}^{(10)}m_{031}^{(10)} - m_{200}^{(22)}m_{102}^{(11)}m_{220}^{(21)} + m_{200}^{(22)}m_{102}^{(11)}m_{121}^{(10)} - m_{200}^{(22)}m_{102}^{(20)}m_{130}^{(11)}\\
&+m_{200}^{(22)}m_{102}^{(20)}m_{040}^{(10)} + m_{200}^{(22)}m_{102}^{(21)}m_{220}^{(11)} - m_{200}^{(22)}m_{102}^{(21)}m_{130}^{(10)} + m_{200}^{(22)}m_{030}^{(00)}m_{121}^{(22)}\\
&-m_{200}^{(22)}m_{030}^{(00)}m_{112}^{(21)} - 2m_{200}^{(22)}m_{030}^{(10)}m_{211}^{(22)} + m_{200}^{(22)}m_{030}^{(10)}m_{202}^{(21)} + m_{200}^{(22)}m_{030}^{(10)}m_{112}^{(20)}\\
&+m_{200}^{(22)}m_{030}^{(11)}m_{301}^{(22)} - m_{200}^{(22)}m_{030}^{(11)}m_{202}^{(20)} + m_{200}^{(22)}m_{030}^{(20)}m_{211}^{(21)} - m_{200}^{(22)}m_{030}^{(20)}m_{121}^{(20)}\\
&-m_{200}^{(22)}m_{030}^{(21)}m_{301}^{(21)} + m_{200}^{(22)}m_{030}^{(21)}m_{211}^{(20)} - m_{200}^{(22)}m_{021}^{(00)}m_{130}^{(22)} + m_{200}^{(22)}m_{021}^{(00)}m_{112}^{(11)}\\
&+2m_{200}^{(22)}m_{021}^{(10)}m_{220}^{(22)} + m_{200}^{(22)}m_{021}^{(10)}m_{211}^{(21)} - m_{200}^{(22)}m_{021}^{(10)}m_{202}^{(11)} - m_{200}^{(22)}m_{021}^{(10)}m_{121}^{(20)}\\
&-m_{200}^{(22)}m_{021}^{(10)}m_{112}^{(10)} - m_{200}^{(22)}m_{021}^{(11)}m_{310}^{(22)} - m_{200}^{(22)}m_{021}^{(11)}m_{301}^{(21)} + m_{200}^{(22)}m_{021}^{(11)}m_{211}^{(20)}\\
&+m_{200}^{(22)}m_{021}^{(11)}m_{202}^{(10)} - m_{200}^{(22)}m_{021}^{(20)}m_{220}^{(21)} - m_{200}^{(22)}m_{021}^{(20)}m_{211}^{(11)} + m_{200}^{(22)}m_{021}^{(20)}m_{130}^{(20)}\\
&+m_{200}^{(22)}m_{021}^{(20)}m_{121}^{(10)} + m_{200}^{(22)}m_{021}^{(21)}m_{310}^{(21)} + m_{200}^{(22)}m_{021}^{(21)}m_{301}^{(11)} - m_{200}^{(22)}m_{021}^{(21)}m_{220}^{(20)}
\end{aligned}
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\begin{aligned}
&-m_{200}^{(22)}m_{021}^{(21)}m_{211}^{(10)}+m_{200}^{(22)}m_{012}^{(00)}m_{130}^{(21)}-m_{200}^{(22)}m_{012}^{(00)}m_{121}^{(11)}-2m_{200}^{(22)}m_{012}^{(10)}m_{220}^{(21)}\\
&+m_{200}^{(22)}m_{012}^{(10)}m_{211}^{(11)}+m_{200}^{(22)}m_{012}^{(10)}m_{121}^{(10)}+m_{200}^{(22)}m_{012}^{(11)}m_{310}^{(21)}-m_{200}^{(22)}m_{012}^{(11)}m_{211}^{(10)}\\
&+m_{200}^{(22)}m_{012}^{(20)}m_{220}^{(11)}-m_{200}^{(22)}m_{012}^{(20)}m_{130}^{(10)}-m_{200}^{(22)}m_{012}^{(21)}m_{310}^{(11)}+m_{200}^{(22)}m_{012}^{(21)}m_{220}^{(10)}\\
&+2m_{110}^{(00)}m_{120}^{(10)}m_{013}^{(22)}-2m_{110}^{(00)}m_{120}^{(10)}m_{004}^{(21)}-2m_{110}^{(00)}m_{120}^{(11)}m_{103}^{(22)}+2m_{110}^{(00)}m_{120}^{(11)}m_{004}^{(20)}\\
&-2m_{110}^{(00)}m_{120}^{(20)}m_{022}^{(22)}+2m_{110}^{(00)}m_{120}^{(20)}m_{013}^{(21)}+2m_{110}^{(00)}m_{120}^{(21)}m_{112}^{(22)}+2m_{110}^{(00)}m_{120}^{(21)}m_{103}^{(21)}\\
&-4m_{110}^{(00)}m_{120}^{(21)}m_{013}^{(20)}-2m_{110}^{(00)}m_{120}^{(22)}m_{112}^{(21)}+2m_{110}^{(00)}m_{120}^{(22)}m_{022}^{(20)}-3m_{110}^{(00)}m_{111}^{(10)}m_{022}^{(22)}\\
&+2m_{110}^{(00)}m_{111}^{(10)}m_{013}^{(21)}+m_{110}^{(00)}m_{111}^{(10)}m_{004}^{(11)}+3m_{110}^{(00)}m_{111}^{(11)}m_{112}^{(22)}+m_{110}^{(00)}m_{111}^{(11)}m_{103}^{(21)}\\
&-3m_{110}^{(00)}m_{111}^{(11)}m_{013}^{(20)}-m_{110}^{(00)}m_{111}^{(11)}m_{004}^{(10)}+3m_{110}^{(00)}m_{111}^{(20)}m_{031}^{(22)}-2m_{110}^{(00)}m_{111}^{(20)}m_{022}^{(21)}\\
&-m_{110}^{(00)}m_{111}^{(20)}m_{013}^{(11)}-3m_{110}^{(00)}m_{111}^{(21)}m_{121}^{(22)}-4m_{110}^{(00)}m_{111}^{(21)}m_{112}^{(21)}-m_{110}^{(00)}m_{111}^{(21)}m_{103}^{(11)}\\
&+6m_{110}^{(00)}m_{111}^{(21)}m_{022}^{(20)}+2m_{110}^{(00)}m_{111}^{(21)}m_{013}^{(10)}+3m_{110}^{(00)}m_{111}^{(22)}m_{121}^{(21)}+m_{110}^{(00)}m_{111}^{(22)}m_{112}^{(11)}\\
&-3m_{110}^{(00)}m_{111}^{(22)}m_{031}^{(20)}-m_{110}^{(00)}m_{111}^{(22)}m_{022}^{(10)}+m_{110}^{(00)}m_{102}^{(10)}m_{031}^{(22)}-m_{110}^{(00)}m_{102}^{(10)}m_{013}^{(11)}\\
&-m_{110}^{(00)}m_{102}^{(11)}m_{121}^{(22)}-m_{110}^{(00)}m_{102}^{(11)}m_{112}^{(21)}+m_{110}^{(00)}m_{102}^{(11)}m_{022}^{(20)}+m_{110}^{(00)}m_{102}^{(11)}m_{013}^{(10)}\\
&-m_{110}^{(00)}m_{102}^{(20)}m_{040}^{(22)}+m_{110}^{(00)}m_{102}^{(20)}m_{022}^{(11)}+m_{110}^{(00)}m_{102}^{(21)}m_{130}^{(22)}+2m_{110}^{(00)}m_{102}^{(21)}m_{121}^{(21)}\\
&+m_{110}^{(00)}m_{102}^{(21)}m_{112}^{(11)}-2m_{110}^{(00)}m_{102}^{(21)}m_{031}^{(20)}-2m_{110}^{(00)}m_{102}^{(21)}m_{022}^{(10)}-m_{110}^{(00)}m_{102}^{(22)}m_{130}^{(21)}\\
&-m_{110}^{(00)}m_{102}^{(22)}m_{121}^{(11)}+m_{110}^{(00)}m_{102}^{(22)}m_{040}^{(20)}+m_{110}^{(00)}m_{102}^{(22)}m_{031}^{(10)}-m_{110}^{(00)}m_{021}^{(10)}m_{112}^{(22)}\\
&+m_{110}^{(00)}m_{021}^{(10)}m_{103}^{(21)}-m_{110}^{(00)}m_{021}^{(10)}m_{013}^{(20)}+m_{110}^{(00)}m_{021}^{(10)}m_{004}^{(10)}+m_{110}^{(00)}m_{021}^{(11)}m_{202}^{(22)}\\
&-m_{110}^{(00)}m_{021}^{(11)}m_{004}^{(00)}+m_{110}^{(00)}m_{021}^{(20)}m_{121}^{(22)}-m_{110}^{(00)}m_{021}^{(20)}m_{112}^{(21)}+m_{110}^{(00)}m_{021}^{(20)}m_{022}^{(20)}\\
&-m_{110}^{(00)}m_{021}^{(20)}m_{013}^{(10)}-m_{110}^{(00)}m_{021}^{(21)}m_{211}^{(22)}-m_{110}^{(00)}m_{021}^{(21)}m_{202}^{(21)}+m_{110}^{(00)}m_{021}^{(21)}m_{112}^{(20)}\\
&-m_{110}^{(00)}m_{021}^{(21)}m_{103}^{(10)}+2m_{110}^{(00)}m_{021}^{(21)}m_{013}^{(00)}+m_{110}^{(00)}m_{021}^{(22)}m_{211}^{(21)}-m_{110}^{(00)}m_{021}^{(22)}m_{121}^{(20)}\\
&+m_{110}^{(00)}m_{021}^{(22)}m_{112}^{(10)}-m_{110}^{(00)}m_{021}^{(22)}m_{022}^{(00)}+m_{110}^{(00)}m_{012}^{(10)}m_{121}^{(22)}-m_{110}^{(00)}m_{012}^{(10)}m_{103}^{(11)}\\
&+2m_{110}^{(00)}m_{012}^{(10)}m_{022}^{(20)}-2m_{110}^{(00)}m_{012}^{(10)}m_{013}^{(10)}-m_{110}^{(00)}m_{012}^{(11)}m_{211}^{(22)}-m_{110}^{(00)}m_{012}^{(11)}m_{202}^{(21)}\\
&-m_{110}^{(00)}m_{012}^{(11)}m_{112}^{(20)}+m_{110}^{(00)}m_{012}^{(11)}m_{103}^{(10)}+2m_{110}^{(00)}m_{012}^{(11)}m_{013}^{(00)}-m_{110}^{(00)}m_{012}^{(20)}m_{130}^{(22)}\\
&+m_{110}^{(00)}m_{012}^{(20)}m_{112}^{(11)}-2m_{110}^{(00)}m_{012}^{(20)}m_{031}^{(20)}+2m_{110}^{(00)}m_{012}^{(20)}m_{022}^{(10)}+m_{110}^{(00)}m_{012}^{(21)}m_{220}^{(22)}\\
&+2m_{110}^{(00)}m_{012}^{(21)}m_{211}^{(21)}+m_{110}^{(00)}m_{012}^{(21)}m_{202}^{(11)}-4m_{110}^{(00)}m_{012}^{(21)}m_{022}^{(00)}-m_{110}^{(00)}m_{012}^{(22)}m_{220}^{(21)}\\
&-m_{110}^{(00)}m_{012}^{(22)}m_{211}^{(11)}+m_{110}^{(00)}m_{012}^{(22)}m_{130}^{(20)}-m_{110}^{(00)}m_{012}^{(22)}m_{121}^{(10)}+2m_{110}^{(00)}m_{012}^{(22)}m_{031}^{(00)}\\
&-m_{110}^{(00)}m_{003}^{(10)}m_{121}^{(21)}+m_{110}^{(00)}m_{003}^{(10)}m_{112}^{(11)}-m_{110}^{(00)}m_{003}^{(10)}m_{031}^{(20)}+m_{110}^{(00)}m_{003}^{(10)}m_{022}^{(10)}\\
&+m_{110}^{(00)}m_{003}^{(11)}m_{211}^{(21)}+m_{110}^{(00)}m_{003}^{(11)}m_{121}^{(20)}-m_{110}^{(00)}m_{003}^{(11)}m_{112}^{(10)}-m_{110}^{(00)}m_{003}^{(11)}m_{022}^{(00)}\\
&+m_{110}^{(00)}m_{003}^{(20)}m_{130}^{(21)}-m_{110}^{(00)}m_{003}^{(20)}m_{121}^{(11)}+m_{110}^{(00)}m_{003}^{(20)}m_{040}^{(20)}-m_{110}^{(00)}m_{003}^{(20)}m_{031}^{(10)}\\
&-m_{110}^{(00)}m_{003}^{(21)}m_{220}^{(21)}-m_{110}^{(00)}m_{003}^{(21)}m_{211}^{(11)}-m_{110}^{(00)}m_{003}^{(21)}m_{130}^{(20)}+m_{110}^{(00)}m_{003}^{(21)}m_{121}^{(10)}\\
&+2m_{110}^{(00)}m_{003}^{(21)}m_{031}^{(00)}+m_{110}^{(00)}m_{003}^{(22)}m_{220}^{(11)}-m_{110}^{(00)}m_{003}^{(22)}m_{040}^{(00)}-2m_{110}^{(10)}m_{210}^{(10)}m_{013}^{(22)}\\
&+2m_{110}^{(10)}m_{210}^{(10)}m_{004}^{(21)}+2m_{110}^{(10)}m_{210}^{(11)}m_{103}^{(22)}-2m_{110}^{(10)}m_{210}^{(11)}m_{004}^{(20)}+2m_{110}^{(10)}m_{210}^{(20)}m_{022}^{(22)}\\
&-2m_{110}^{(10)}m_{210}^{(20)}m_{013}^{(21)}-2m_{110}^{(10)}m_{210}^{(21)}m_{112}^{(22)}-2m_{110}^{(10)}m_{210}^{(21)}m_{103}^{(21)}+4m_{110}^{(10)}m_{210}^{(21)}m_{013}^{(20)}\\
&+2m_{110}^{(10)}m_{210}^{(22)}m_{112}^{(21)}-2m_{110}^{(10)}m_{210}^{(22)}m_{022}^{(20)}+m_{110}^{(10)}m_{201}^{(10)}m_{022}^{(22)}-m_{110}^{(10)}m_{201}^{(10)}m_{004}^{(11)}\\
&-m_{110}^{(10)}m_{201}^{(11)}m_{112}^{(22)}-m_{110}^{(10)}m_{201}^{(11)}m_{103}^{(21)}+m_{110}^{(10)}m_{201}^{(11)}m_{013}^{(20)}+m_{110}^{(10)}m_{201}^{(11)}m_{004}^{(10)}\\
&-m_{110}^{(10)}m_{201}^{(20)}m_{031}^{(22)}+m_{110}^{(10)}m_{201}^{(20)}m_{013}^{(11)}+m_{110}^{(10)}m_{201}^{(21)}m_{121}^{(22)}+2m_{110}^{(10)}m_{201}^{(21)}m_{112}^{(21)}\\
&+m_{110}^{(10)}m_{201}^{(21)}m_{103}^{(11)}-2m_{110}^{(10)}m_{201}^{(21)}m_{022}^{(20)}-2m_{110}^{(10)}m_{201}^{(21)}m_{013}^{(10)}-m_{110}^{(10)}m_{201}^{(22)}m_{121}^{(21)}\\
&-m_{110}^{(10)}m_{201}^{(22)}m_{112}^{(11)}+m_{110}^{(10)}m_{201}^{(22)}m_{031}^{(20)}+m_{110}^{(10)}m_{201}^{(22)}m_{022}^{(10)}-2m_{110}^{(10)}m_{120}^{(00)}m_{013}^{(22)}\\
&+2m_{110}^{(10)}m_{120}^{(00)}m_{004}^{(21)}+2m_{110}^{(10)}m_{120}^{(10)}m_{103}^{(22)}-2m_{110}^{(10)}m_{120}^{(10)}m_{004}^{(20)}+2m_{110}^{(10)}m_{120}^{(20)}m_{112}^{(22)}
\end{aligned}
$$

$$
\begin{aligned}
&-4m_{110}^{(10)}m_{120}^{(20)}m_{103}^{(21)} + 2m_{110}^{(10)}m_{120}^{(20)}m_{013}^{(20)} - 2m_{110}^{(10)}m_{120}^{(21)}m_{202}^{(22)} + 2m_{110}^{(10)}m_{120}^{(21)}m_{103}^{(20)}\\
&+2m_{110}^{(10)}m_{120}^{(22)}m_{202}^{(21)} - 2m_{110}^{(10)}m_{120}^{(22)}m_{112}^{(20)} + 3m_{110}^{(10)}m_{111}^{(00)}m_{022}^{(22)} - 2m_{110}^{(10)}m_{111}^{(00)}m_{013}^{(21)}\\
&-m_{110}^{(10)}m_{111}^{(00)}m_{004}^{(11)} - 4m_{110}^{(10)}m_{111}^{(10)}m_{103}^{(21)} + 4m_{110}^{(10)}m_{111}^{(10)}m_{013}^{(20)} - 3m_{110}^{(10)}m_{111}^{(11)}m_{202}^{(22)}\\
&+2m_{110}^{(10)}m_{111}^{(11)}m_{103}^{(20)} + m_{110}^{(10)}m_{111}^{(11)}m_{004}^{(00)} - 6m_{110}^{(10)}m_{111}^{(20)}m_{121}^{(22)} + 8m_{110}^{(10)}m_{111}^{(20)}m_{112}^{(21)}\\
&+2m_{110}^{(10)}m_{111}^{(20)}m_{103}^{(11)} - 4m_{110}^{(10)}m_{111}^{(20)}m_{022}^{(20)} + 6m_{110}^{(10)}m_{111}^{(21)}m_{211}^{(22)} + 4m_{110}^{(10)}m_{111}^{(21)}m_{202}^{(21)}\\
&-8m_{110}^{(10)}m_{111}^{(21)}m_{112}^{(20)} - 2m_{110}^{(10)}m_{111}^{(21)}m_{013}^{(00)} - 6m_{110}^{(10)}m_{111}^{(22)}m_{211}^{(21)} - m_{110}^{(10)}m_{111}^{(22)}m_{202}^{(11)}\\
&+6m_{110}^{(10)}m_{111}^{(22)}m_{121}^{(20)} + m_{110}^{(10)}m_{111}^{(22)}m_{022}^{(00)} - m_{110}^{(10)}m_{102}^{(00)}m_{031}^{(22)} + m_{110}^{(10)}m_{102}^{(00)}m_{013}^{(11)}\\
&+2m_{110}^{(10)}m_{102}^{(10)}m_{103}^{(11)} - 2m_{110}^{(10)}m_{102}^{(10)}m_{022}^{(20)} + m_{110}^{(10)}m_{102}^{(11)}m_{211}^{(22)} + 2m_{110}^{(10)}m_{102}^{(11)}m_{202}^{(21)}\\
&-2m_{110}^{(10)}m_{102}^{(11)}m_{103}^{(10)} - m_{110}^{(10)}m_{102}^{(11)}m_{013}^{(00)} + 2m_{110}^{(10)}m_{102}^{(20)}m_{130}^{(22)} - 4m_{110}^{(10)}m_{102}^{(20)}m_{112}^{(11)}\\
&+2m_{110}^{(10)}m_{102}^{(20)}m_{031}^{(20)} - 2m_{110}^{(10)}m_{102}^{(21)}m_{220}^{(22)} - 4m_{110}^{(10)}m_{102}^{(21)}m_{211}^{(21)} - 2m_{110}^{(10)}m_{102}^{(21)}m_{202}^{(11)}\\
&+2m_{110}^{(10)}m_{102}^{(21)}m_{121}^{(20)} + 4m_{110}^{(10)}m_{102}^{(21)}m_{112}^{(10)} + 2m_{110}^{(10)}m_{102}^{(21)}m_{022}^{(00)} + 2m_{110}^{(10)}m_{102}^{(22)}m_{220}^{(21)}\\
&+3m_{110}^{(10)}m_{102}^{(22)}m_{211}^{(11)} - 2m_{110}^{(10)}m_{102}^{(22)}m_{130}^{(20)} - 2m_{110}^{(10)}m_{102}^{(22)}m_{121}^{(10)} - m_{110}^{(10)}m_{102}^{(22)}m_{031}^{(00)}\\
&+m_{110}^{(10)}m_{021}^{(00)}m_{112}^{(22)} - m_{110}^{(10)}m_{021}^{(00)}m_{103}^{(21)} + m_{110}^{(10)}m_{021}^{(00)}m_{013}^{(20)} - m_{110}^{(10)}m_{021}^{(00)}m_{004}^{(10)}\\
&-m_{110}^{(10)}m_{021}^{(10)}m_{202}^{(22)} + m_{110}^{(10)}m_{021}^{(10)}m_{004}^{(00)} - m_{110}^{(10)}m_{021}^{(20)}m_{211}^{(22)} + 2m_{110}^{(10)}m_{021}^{(20)}m_{202}^{(21)}\\
&-2m_{110}^{(10)}m_{021}^{(20)}m_{112}^{(20)} + 2m_{110}^{(10)}m_{021}^{(20)}m_{103}^{(10)} - m_{110}^{(10)}m_{021}^{(20)}m_{013}^{(00)} + m_{110}^{(10)}m_{021}^{(21)}m_{301}^{(22)}\\
&-m_{110}^{(10)}m_{021}^{(21)}m_{103}^{(00)} - m_{110}^{(10)}m_{021}^{(22)}m_{301}^{(21)} + m_{110}^{(10)}m_{021}^{(22)}m_{211}^{(20)} - m_{110}^{(10)}m_{021}^{(22)}m_{202}^{(10)}\\
&+m_{110}^{(10)}m_{021}^{(22)}m_{112}^{(00)} - m_{110}^{(10)}m_{012}^{(00)}m_{121}^{(22)} + m_{110}^{(10)}m_{012}^{(00)}m_{103}^{(11)} - 2m_{110}^{(10)}m_{012}^{(00)}m_{022}^{(20)}\\
&+2m_{110}^{(10)}m_{012}^{(00)}m_{013}^{(10)} + 2m_{110}^{(10)}m_{012}^{(10)}m_{202}^{(21)} - 2m_{110}^{(10)}m_{012}^{(10)}m_{013}^{(00)} + m_{110}^{(10)}m_{012}^{(11)}m_{301}^{(22)}\\
&-m_{110}^{(10)}m_{012}^{(11)}m_{103}^{(00)} + 2m_{110}^{(10)}m_{012}^{(20)}m_{220}^{(22)} - 2m_{110}^{(10)}m_{012}^{(20)}m_{211}^{(21)} - 2m_{110}^{(10)}m_{012}^{(20)}m_{202}^{(11)}\\
&+4m_{110}^{(10)}m_{012}^{(20)}m_{121}^{(20)} - 4m_{110}^{(10)}m_{012}^{(20)}m_{112}^{(10)} + 2m_{110}^{(10)}m_{012}^{(20)}m_{022}^{(00)} - 2m_{110}^{(10)}m_{012}^{(21)}m_{310}^{(22)}\\
&-2m_{110}^{(10)}m_{012}^{(21)}m_{301}^{(21)} + 4m_{110}^{(10)}m_{012}^{(21)}m_{112}^{(00)} + 2m_{110}^{(10)}m_{012}^{(22)}m_{310}^{(21)} + m_{110}^{(10)}m_{012}^{(22)}m_{301}^{(11)}\\
&-2m_{110}^{(10)}m_{012}^{(22)}m_{220}^{(20)} + 2m_{110}^{(10)}m_{012}^{(22)}m_{211}^{(10)} - 3m_{110}^{(10)}m_{012}^{(22)}m_{121}^{(00)} + m_{110}^{(10)}m_{003}^{(00)}m_{121}^{(21)}\\
&-m_{110}^{(10)}m_{003}^{(00)}m_{112}^{(11)} + m_{110}^{(10)}m_{003}^{(00)}m_{031}^{(20)} - m_{110}^{(10)}m_{003}^{(00)}m_{022}^{(10)} - m_{110}^{(10)}m_{003}^{(10)}m_{202}^{(11)}\\
&+m_{110}^{(10)}m_{003}^{(10)}m_{022}^{(00)} - m_{110}^{(10)}m_{003}^{(11)}m_{301}^{(21)} - m_{110}^{(10)}m_{003}^{(11)}m_{211}^{(20)} + m_{110}^{(10)}m_{003}^{(11)}m_{202}^{(10)}\\
&+m_{110}^{(10)}m_{003}^{(11)}m_{112}^{(00)} - 2m_{110}^{(10)}m_{003}^{(20)}m_{220}^{(21)} + 3m_{110}^{(10)}m_{003}^{(20)}m_{211}^{(11)} - 2m_{110}^{(10)}m_{003}^{(20)}m_{130}^{(20)}\\
&+2m_{110}^{(10)}m_{003}^{(20)}m_{121}^{(10)} - m_{110}^{(10)}m_{003}^{(20)}m_{031}^{(00)} + 2m_{110}^{(10)}m_{003}^{(21)}m_{310}^{(21)} + m_{110}^{(10)}m_{003}^{(21)}m_{301}^{(11)}\\
&+2m_{110}^{(10)}m_{003}^{(21)}m_{220}^{(20)} - 2m_{110}^{(10)}m_{003}^{(21)}m_{211}^{(10)} - 3m_{110}^{(10)}m_{003}^{(21)}m_{121}^{(00)} - 2m_{110}^{(10)}m_{003}^{(22)}m_{310}^{(11)}\\
&+2m_{110}^{(10)}m_{003}^{(22)}m_{130}^{(00)} + 2m_{110}^{(11)}m_{210}^{(00)}m_{013}^{(22)} - 2m_{110}^{(11)}m_{210}^{(00)}m_{004}^{(21)} - 2m_{110}^{(11)}m_{210}^{(10)}m_{103}^{(22)}\\
&+2m_{110}^{(11)}m_{210}^{(10)}m_{004}^{(20)} - 2m_{110}^{(11)}m_{210}^{(20)}m_{112}^{(22)} + 4m_{110}^{(11)}m_{210}^{(20)}m_{103}^{(21)} - 2m_{110}^{(11)}m_{210}^{(20)}m_{013}^{(20)}\\
&+2m_{110}^{(11)}m_{210}^{(21)}m_{202}^{(22)} - 2m_{110}^{(11)}m_{210}^{(21)}m_{103}^{(20)} - 2m_{110}^{(11)}m_{210}^{(22)}m_{202}^{(21)} + 2m_{110}^{(11)}m_{210}^{(22)}m_{112}^{(20)}\\
&-m_{110}^{(11)}m_{201}^{(00)}m_{022}^{(22)} + m_{110}^{(11)}m_{201}^{(00)}m_{004}^{(11)} + m_{110}^{(11)}m_{201}^{(10)}m_{112}^{(22)} + m_{110}^{(11)}m_{201}^{(10)}m_{103}^{(21)}\\
&-m_{110}^{(11)}m_{201}^{(10)}m_{013}^{(20)} - m_{110}^{(11)}m_{201}^{(10)}m_{004}^{(10)} + m_{110}^{(11)}m_{201}^{(20)}m_{121}^{(22)} - m_{110}^{(11)}m_{201}^{(20)}m_{112}^{(21)}\\
&-2m_{110}^{(11)}m_{201}^{(20)}m_{103}^{(11)} + m_{110}^{(11)}m_{201}^{(20)}m_{022}^{(20)} + m_{110}^{(11)}m_{201}^{(20)}m_{013}^{(10)} - m_{110}^{(11)}m_{201}^{(21)}m_{211}^{(22)}\\
&-m_{110}^{(11)}m_{201}^{(21)}m_{202}^{(21)} + m_{110}^{(11)}m_{201}^{(21)}m_{112}^{(20)} + m_{110}^{(11)}m_{201}^{(21)}m_{103}^{(10)} + m_{110}^{(11)}m_{201}^{(22)}m_{211}^{(21)}\\
&+m_{110}^{(11)}m_{201}^{(22)}m_{202}^{(11)} - m_{110}^{(11)}m_{201}^{(22)}m_{121}^{(20)} - m_{110}^{(11)}m_{201}^{(22)}m_{112}^{(10)} - 3m_{110}^{(11)}m_{111}^{(00)}m_{112}^{(22)}\\
&+3m_{110}^{(11)}m_{111}^{(00)}m_{103}^{(21)} - m_{110}^{(11)}m_{111}^{(00)}m_{013}^{(20)} + m_{110}^{(11)}m_{111}^{(00)}m_{004}^{(10)} + 3m_{110}^{(11)}m_{111}^{(10)}m_{202}^{(22)}\\
&-2m_{110}^{(11)}m_{111}^{(10)}m_{103}^{(20)} - m_{110}^{(11)}m_{111}^{(10)}m_{004}^{(00)} + 3m_{110}^{(11)}m_{111}^{(20)}m_{211}^{(22)} - 6m_{110}^{(11)}m_{111}^{(20)}m_{202}^{(21)}\\
&+4m_{110}^{(11)}m_{111}^{(20)}m_{112}^{(20)} - 2m_{110}^{(11)}m_{111}^{(20)}m_{103}^{(10)} + m_{110}^{(11)}m_{111}^{(20)}m_{013}^{(00)} - 3m_{110}^{(11)}m_{111}^{(21)}m_{301}^{(22)}
\end{aligned}
$$

$$+2m_{110}^{(11)}m_{111}^{(21)}m_{202}^{(20)}+m_{110}^{(11)}m_{111}^{(21)}m_{103}^{(00)}+3m_{110}^{(11)}m_{111}^{(22)}m_{301}^{(21)}-3m_{110}^{(11)}m_{111}^{(22)}m_{211}^{(20)}$$
$$+m_{110}^{(11)}m_{111}^{(22)}m_{202}^{(10)}-m_{110}^{(11)}m_{111}^{(22)}m_{112}^{(00)}+m_{110}^{(11)}m_{102}^{(00)}m_{121}^{(22)}+m_{110}^{(11)}m_{102}^{(00)}m_{112}^{(21)}$$
$$-2m_{110}^{(11)}m_{102}^{(00)}m_{103}^{(11)}+m_{110}^{(11)}m_{102}^{(00)}m_{022}^{(20)}-m_{110}^{(11)}m_{102}^{(00)}m_{013}^{(10)}-m_{110}^{(11)}m_{102}^{(10)}m_{211}^{(22)}$$
$$-2m_{110}^{(11)}m_{102}^{(10)}m_{202}^{(21)}+2m_{110}^{(11)}m_{102}^{(10)}m_{103}^{(10)}+m_{110}^{(11)}m_{102}^{(10)}m_{013}^{(00)}-m_{110}^{(11)}m_{102}^{(20)}m_{220}^{(22)}$$
$$+4m_{110}^{(11)}m_{102}^{(20)}m_{202}^{(11)}-2m_{110}^{(11)}m_{102}^{(20)}m_{121}^{(20)}-m_{110}^{(11)}m_{102}^{(20)}m_{022}^{(00)}+m_{110}^{(11)}m_{102}^{(21)}m_{310}^{(22)}$$
$$+2m_{110}^{(11)}m_{102}^{(21)}m_{301}^{(21)}-2m_{110}^{(11)}m_{102}^{(21)}m_{202}^{(10)}-m_{110}^{(11)}m_{102}^{(21)}m_{112}^{(00)}-m_{110}^{(11)}m_{102}^{(22)}m_{310}^{(21)}$$
$$-2m_{110}^{(11)}m_{102}^{(22)}m_{301}^{(11)}+m_{110}^{(11)}m_{102}^{(22)}m_{220}^{(20)}+m_{110}^{(11)}m_{102}^{(22)}m_{211}^{(10)}+m_{110}^{(11)}m_{102}^{(22)}m_{121}^{(00)}$$
$$+m_{110}^{(11)}m_{012}^{(00)}m_{211}^{(22)}-m_{110}^{(11)}m_{012}^{(00)}m_{202}^{(21)}+m_{110}^{(11)}m_{012}^{(00)}m_{112}^{(20)}-m_{110}^{(11)}m_{012}^{(00)}m_{103}^{(10)}$$
$$-m_{110}^{(11)}m_{012}^{(10)}m_{301}^{(22)}+m_{110}^{(11)}m_{012}^{(10)}m_{103}^{(00)}-m_{110}^{(11)}m_{012}^{(20)}m_{310}^{(22)}+2m_{110}^{(11)}m_{012}^{(20)}m_{301}^{(21)}$$
$$-2m_{110}^{(11)}m_{012}^{(20)}m_{211}^{(20)}+2m_{110}^{(11)}m_{012}^{(20)}m_{202}^{(10)}-m_{110}^{(11)}m_{012}^{(20)}m_{112}^{(00)}+m_{110}^{(11)}m_{012}^{(21)}m_{400}^{(22)}$$
$$-m_{110}^{(11)}m_{012}^{(21)}m_{202}^{(00)}-m_{110}^{(11)}m_{012}^{(22)}m_{400}^{(21)}+m_{110}^{(11)}m_{012}^{(22)}m_{310}^{(20)}-m_{110}^{(11)}m_{012}^{(22)}m_{301}^{(10)}$$
$$+m_{110}^{(11)}m_{012}^{(22)}m_{211}^{(00)}-m_{110}^{(11)}m_{003}^{(00)}m_{211}^{(21)}+m_{110}^{(11)}m_{003}^{(00)}m_{202}^{(11)}-m_{110}^{(11)}m_{003}^{(00)}m_{121}^{(20)}$$
$$+m_{110}^{(11)}m_{003}^{(00)}m_{112}^{(10)}+m_{110}^{(11)}m_{003}^{(10)}m_{301}^{(21)}+m_{110}^{(11)}m_{003}^{(10)}m_{211}^{(20)}-m_{110}^{(11)}m_{003}^{(10)}m_{202}^{(10)}$$
$$-m_{110}^{(11)}m_{003}^{(10)}m_{112}^{(00)}+m_{110}^{(11)}m_{003}^{(20)}m_{310}^{(21)}-2m_{110}^{(11)}m_{003}^{(20)}m_{301}^{(11)}+m_{110}^{(11)}m_{003}^{(20)}m_{220}^{(20)}$$
$$-m_{110}^{(11)}m_{003}^{(20)}m_{211}^{(10)}+m_{110}^{(11)}m_{003}^{(20)}m_{121}^{(00)}-m_{110}^{(11)}m_{003}^{(21)}m_{400}^{(21)}-m_{110}^{(11)}m_{003}^{(21)}m_{310}^{(20)}$$
$$+m_{110}^{(11)}m_{003}^{(21)}m_{301}^{(10)}+m_{110}^{(11)}m_{003}^{(21)}m_{211}^{(00)}+m_{110}^{(11)}m_{003}^{(22)}m_{400}^{(11)}-m_{110}^{(11)}m_{003}^{(22)}m_{220}^{(00)}$$
$$+2m_{110}^{(20)}m_{210}^{(10)}m_{022}^{(22)}-2m_{110}^{(20)}m_{210}^{(10)}m_{013}^{(21)}-2m_{110}^{(20)}m_{210}^{(11)}m_{112}^{(22)}+2m_{110}^{(20)}m_{210}^{(11)}m_{013}^{(20)}$$
$$-2m_{110}^{(20)}m_{210}^{(20)}m_{031}^{(22)}+2m_{110}^{(20)}m_{210}^{(20)}m_{022}^{(21)}+2m_{110}^{(20)}m_{210}^{(21)}m_{121}^{(22)}+2m_{110}^{(20)}m_{210}^{(21)}m_{112}^{(21)}$$
$$-4m_{110}^{(20)}m_{210}^{(21)}m_{022}^{(20)}-2m_{110}^{(20)}m_{210}^{(22)}m_{121}^{(21)}+2m_{110}^{(20)}m_{210}^{(22)}m_{031}^{(20)}-m_{110}^{(20)}m_{201}^{(10)}m_{031}^{(22)}$$
$$+m_{110}^{(20)}m_{201}^{(10)}m_{013}^{(11)}+m_{110}^{(20)}m_{201}^{(11)}m_{121}^{(22)}+m_{110}^{(20)}m_{201}^{(11)}m_{112}^{(21)}-m_{110}^{(20)}m_{201}^{(11)}m_{022}^{(20)}$$
$$-m_{110}^{(20)}m_{201}^{(11)}m_{013}^{(10)}+m_{110}^{(20)}m_{201}^{(20)}m_{040}^{(22)}-m_{110}^{(20)}m_{201}^{(20)}m_{022}^{(11)}-m_{110}^{(20)}m_{201}^{(21)}m_{130}^{(22)}$$
$$-2m_{110}^{(20)}m_{201}^{(21)}m_{121}^{(21)}-m_{110}^{(20)}m_{201}^{(21)}m_{112}^{(11)}+2m_{110}^{(20)}m_{201}^{(21)}m_{031}^{(20)}+2m_{110}^{(20)}m_{201}^{(21)}m_{022}^{(10)}$$
$$+m_{110}^{(20)}m_{201}^{(22)}m_{130}^{(21)}+m_{110}^{(20)}m_{201}^{(22)}m_{121}^{(11)}-m_{110}^{(20)}m_{201}^{(22)}m_{040}^{(20)}-m_{110}^{(20)}m_{201}^{(22)}m_{031}^{(10)}$$
$$+2m_{110}^{(20)}m_{120}^{(00)}m_{022}^{(22)}-2m_{110}^{(20)}m_{120}^{(00)}m_{013}^{(21)}-6m_{110}^{(20)}m_{120}^{(10)}m_{112}^{(22)}+4m_{110}^{(20)}m_{120}^{(10)}m_{103}^{(21)}$$
$$+2m_{110}^{(20)}m_{120}^{(10)}m_{013}^{(20)}+4m_{110}^{(20)}m_{120}^{(11)}m_{202}^{(22)}-4m_{110}^{(20)}m_{120}^{(11)}m_{103}^{(20)}+2m_{110}^{(20)}m_{120}^{(20)}m_{121}^{(22)}$$
$$-2m_{110}^{(20)}m_{120}^{(20)}m_{022}^{(20)}-2m_{110}^{(20)}m_{120}^{(21)}m_{211}^{(22)}-4m_{110}^{(20)}m_{120}^{(21)}m_{202}^{(21)}+6m_{110}^{(20)}m_{120}^{(21)}m_{112}^{(20)}$$
$$+2m_{110}^{(20)}m_{120}^{(22)}m_{211}^{(21)}-2m_{110}^{(20)}m_{120}^{(22)}m_{121}^{(20)}-3m_{110}^{(20)}m_{111}^{(00)}m_{031}^{(22)}+2m_{110}^{(20)}m_{111}^{(00)}m_{022}^{(21)}$$
$$+m_{110}^{(20)}m_{111}^{(00)}m_{013}^{(11)}+6m_{110}^{(20)}m_{111}^{(10)}m_{121}^{(22)}-2m_{110}^{(20)}m_{111}^{(10)}m_{103}^{(11)}-4m_{110}^{(20)}m_{111}^{(10)}m_{022}^{(20)}$$
$$-3m_{110}^{(20)}m_{111}^{(11)}m_{211}^{(22)}-2m_{110}^{(20)}m_{111}^{(11)}m_{202}^{(21)}+4m_{110}^{(20)}m_{111}^{(11)}m_{112}^{(20)}+2m_{110}^{(20)}m_{111}^{(11)}m_{103}^{(10)}$$
$$-m_{110}^{(20)}m_{111}^{(11)}m_{013}^{(00)}-4m_{110}^{(20)}m_{111}^{(20)}m_{121}^{(21)}+4m_{110}^{(20)}m_{111}^{(20)}m_{031}^{(20)}+4m_{110}^{(20)}m_{111}^{(21)}m_{211}^{(21)}$$
$$+2m_{110}^{(20)}m_{111}^{(21)}m_{202}^{(11)}-4m_{110}^{(20)}m_{111}^{(21)}m_{121}^{(20)}-4m_{110}^{(20)}m_{111}^{(21)}m_{112}^{(10)}+2m_{110}^{(20)}m_{111}^{(21)}m_{022}^{(00)}$$
$$-m_{110}^{(20)}m_{111}^{(22)}m_{211}^{(11)}+2m_{110}^{(20)}m_{111}^{(22)}m_{121}^{(10)}-m_{110}^{(20)}m_{111}^{(22)}m_{031}^{(00)}+m_{110}^{(20)}m_{102}^{(00)}m_{040}^{(22)}$$
$$-m_{110}^{(20)}m_{102}^{(00)}m_{022}^{(11)}-2m_{110}^{(20)}m_{102}^{(10)}m_{130}^{(22)}+2m_{110}^{(20)}m_{102}^{(10)}m_{031}^{(20)}+m_{110}^{(20)}m_{102}^{(11)}m_{220}^{(22)}$$
$$-2m_{110}^{(20)}m_{102}^{(11)}m_{121}^{(20)}+m_{110}^{(20)}m_{102}^{(11)}m_{022}^{(00)}+2m_{110}^{(20)}m_{102}^{(20)}m_{121}^{(11)}-2m_{110}^{(20)}m_{102}^{(20)}m_{040}^{(20)}$$
$$+2m_{110}^{(20)}m_{102}^{(21)}m_{130}^{(20)}-2m_{110}^{(20)}m_{102}^{(21)}m_{031}^{(00)}-m_{110}^{(20)}m_{102}^{(22)}m_{220}^{(11)}+m_{110}^{(20)}m_{102}^{(22)}m_{040}^{(00)}$$
$$-m_{110}^{(20)}m_{021}^{(00)}m_{121}^{(22)}+m_{110}^{(20)}m_{021}^{(00)}m_{112}^{(21)}-m_{110}^{(20)}m_{021}^{(00)}m_{022}^{(20)}+m_{110}^{(20)}m_{021}^{(00)}m_{013}^{(10)}$$
$$+3m_{110}^{(20)}m_{021}^{(10)}m_{211}^{(22)}-2m_{110}^{(20)}m_{021}^{(10)}m_{202}^{(21)}+2m_{110}^{(20)}m_{021}^{(10)}m_{112}^{(20)}-2m_{110}^{(20)}m_{021}^{(10)}m_{103}^{(10)}$$
$$-m_{110}^{(20)}m_{021}^{(10)}m_{013}^{(00)}-2m_{110}^{(20)}m_{021}^{(11)}m_{301}^{(22)}+2m_{110}^{(20)}m_{021}^{(11)}m_{103}^{(00)}-m_{110}^{(20)}m_{021}^{(20)}m_{220}^{(22)}$$

$$+m_{110}^{(20)}m_{021}^{(20)}m_{022}^{(00)}+m_{110}^{(20)}m_{021}^{(21)}m_{310}^{(22)}+2m_{110}^{(20)}m_{021}^{(21)}m_{301}^{(21)}-2m_{110}^{(20)}m_{021}^{(21)}m_{211}^{(20)}$$
$$+2m_{110}^{(20)}m_{021}^{(21)}m_{202}^{(10)}-3m_{110}^{(20)}m_{021}^{(21)}m_{112}^{(00)}-m_{110}^{(20)}m_{021}^{(22)}m_{310}^{(21)}+m_{110}^{(20)}m_{021}^{(22)}m_{220}^{(20)}$$
$$-m_{110}^{(20)}m_{021}^{(22)}m_{211}^{(10)}+m_{110}^{(20)}m_{021}^{(22)}m_{121}^{(00)}+m_{110}^{(20)}m_{012}^{(00)}m_{130}^{(22)}-m_{110}^{(20)}m_{012}^{(00)}m_{112}^{(11)}$$
$$+2m_{110}^{(20)}m_{012}^{(00)}m_{031}^{(20)}-2m_{110}^{(20)}m_{012}^{(00)}m_{022}^{(10)}-2m_{110}^{(20)}m_{012}^{(10)}m_{220}^{(22)}-2m_{110}^{(20)}m_{012}^{(10)}m_{211}^{(21)}$$
$$+2m_{110}^{(20)}m_{012}^{(10)}m_{202}^{(11)}-4m_{110}^{(20)}m_{012}^{(10)}m_{121}^{(20)}+4m_{110}^{(20)}m_{012}^{(10)}m_{112}^{(10)}+2m_{110}^{(20)}m_{012}^{(10)}m_{022}^{(00)}$$
$$+m_{110}^{(20)}m_{012}^{(11)}m_{310}^{(22)}+2m_{110}^{(20)}m_{012}^{(11)}m_{301}^{(21)}+2m_{110}^{(20)}m_{012}^{(11)}m_{211}^{(20)}-2m_{110}^{(20)}m_{012}^{(11)}m_{202}^{(10)}$$
$$-3m_{110}^{(20)}m_{012}^{(11)}m_{112}^{(00)}+2m_{110}^{(20)}m_{012}^{(20)}m_{220}^{(21)}-2m_{110}^{(20)}m_{012}^{(20)}m_{031}^{(00)}-2m_{110}^{(20)}m_{012}^{(21)}m_{310}^{(21)}$$
$$-2m_{110}^{(20)}m_{012}^{(21)}m_{301}^{(11)}+4m_{110}^{(20)}m_{012}^{(21)}m_{121}^{(00)}+m_{110}^{(20)}m_{012}^{(22)}m_{310}^{(11)}-m_{110}^{(20)}m_{012}^{(22)}m_{130}^{(00)}$$
$$-m_{110}^{(20)}m_{003}^{(00)}m_{130}^{(21)}+m_{110}^{(20)}m_{003}^{(00)}m_{121}^{(11)}-m_{110}^{(20)}m_{003}^{(00)}m_{040}^{(20)}+m_{110}^{(20)}m_{003}^{(00)}m_{031}^{(10)}$$
$$+2m_{110}^{(20)}m_{003}^{(10)}m_{220}^{(21)}-m_{110}^{(20)}m_{003}^{(10)}m_{211}^{(11)}+2m_{110}^{(20)}m_{003}^{(10)}m_{130}^{(20)}-2m_{110}^{(20)}m_{003}^{(10)}m_{121}^{(10)}$$
$$-m_{110}^{(20)}m_{003}^{(10)}m_{031}^{(00)}-m_{110}^{(20)}m_{003}^{(11)}m_{310}^{(21)}-m_{110}^{(20)}m_{003}^{(11)}m_{220}^{(20)}+m_{110}^{(20)}m_{003}^{(11)}m_{211}^{(10)}$$
$$+m_{110}^{(20)}m_{003}^{(11)}m_{121}^{(00)}-m_{110}^{(20)}m_{003}^{(20)}m_{220}^{(11)}+m_{110}^{(20)}m_{003}^{(20)}m_{040}^{(00)}+m_{110}^{(20)}m_{003}^{(21)}m_{310}^{(11)}$$
$$-m_{110}^{(20)}m_{003}^{(21)}m_{130}^{(00)}-4m_{110}^{(21)}m_{210}^{(00)}m_{022}^{(22)}+4m_{110}^{(21)}m_{210}^{(00)}m_{013}^{(21)}+6m_{110}^{(21)}m_{210}^{(10)}m_{112}^{(22)}$$
$$-2m_{110}^{(21)}m_{210}^{(10)}m_{103}^{(21)}-4m_{110}^{(21)}m_{210}^{(10)}m_{013}^{(20)}-2m_{110}^{(21)}m_{210}^{(11)}m_{202}^{(22)}+2m_{110}^{(21)}m_{210}^{(11)}m_{103}^{(20)}$$
$$+2m_{110}^{(21)}m_{210}^{(20)}m_{121}^{(22)}-6m_{110}^{(21)}m_{210}^{(20)}m_{112}^{(21)}+4m_{110}^{(21)}m_{210}^{(20)}m_{022}^{(20)}-2m_{110}^{(21)}m_{210}^{(21)}m_{211}^{(22)}$$
$$+2m_{110}^{(21)}m_{210}^{(21)}m_{202}^{(21)}+2m_{110}^{(21)}m_{210}^{(22)}m_{211}^{(21)}-2m_{110}^{(21)}m_{210}^{(22)}m_{121}^{(20)}+2m_{110}^{(21)}m_{201}^{(00)}m_{031}^{(22)}$$
$$-2m_{110}^{(21)}m_{201}^{(00)}m_{013}^{(11)}-3m_{110}^{(21)}m_{201}^{(10)}m_{121}^{(22)}-2m_{110}^{(21)}m_{201}^{(10)}m_{112}^{(21)}+m_{110}^{(21)}m_{201}^{(10)}m_{103}^{(11)}$$
$$+2m_{110}^{(21)}m_{201}^{(10)}m_{022}^{(20)}+2m_{110}^{(21)}m_{201}^{(10)}m_{013}^{(10)}+m_{110}^{(21)}m_{201}^{(11)}m_{211}^{(22)}+m_{110}^{(21)}m_{201}^{(11)}m_{202}^{(21)}$$
$$-m_{110}^{(21)}m_{201}^{(11)}m_{112}^{(20)}-m_{110}^{(21)}m_{201}^{(11)}m_{103}^{(10)}-m_{110}^{(21)}m_{201}^{(20)}m_{130}^{(22)}+2m_{110}^{(21)}m_{201}^{(20)}m_{121}^{(21)}$$
$$+3m_{110}^{(21)}m_{201}^{(20)}m_{112}^{(11)}-2m_{110}^{(21)}m_{201}^{(20)}m_{031}^{(20)}-2m_{110}^{(21)}m_{201}^{(20)}m_{022}^{(10)}+m_{110}^{(21)}m_{201}^{(21)}m_{220}^{(22)}$$
$$-m_{110}^{(21)}m_{201}^{(21)}m_{202}^{(11)}-m_{110}^{(21)}m_{201}^{(22)}m_{220}^{(21)}-m_{110}^{(21)}m_{201}^{(22)}m_{211}^{(11)}+m_{110}^{(21)}m_{201}^{(22)}m_{130}^{(20)}$$
$$+m_{110}^{(21)}m_{201}^{(22)}m_{121}^{(10)}+2m_{110}^{(21)}m_{120}^{(00)}m_{112}^{(22)}-2m_{110}^{(21)}m_{120}^{(00)}m_{103}^{(21)}-2m_{110}^{(21)}m_{120}^{(10)}m_{202}^{(22)}$$
$$+2m_{110}^{(21)}m_{120}^{(10)}m_{103}^{(20)}-2m_{110}^{(21)}m_{120}^{(20)}m_{211}^{(22)}+4m_{110}^{(21)}m_{120}^{(20)}m_{202}^{(21)}-2m_{110}^{(21)}m_{120}^{(20)}m_{112}^{(20)}$$
$$+2m_{110}^{(21)}m_{120}^{(21)}m_{301}^{(22)}-2m_{110}^{(21)}m_{120}^{(21)}m_{202}^{(20)}-2m_{110}^{(21)}m_{120}^{(22)}m_{301}^{(21)}+2m_{110}^{(21)}m_{120}^{(22)}m_{211}^{(20)}$$
$$+3m_{110}^{(21)}m_{111}^{(00)}m_{121}^{(22)}-4m_{110}^{(21)}m_{111}^{(00)}m_{112}^{(21)}+m_{110}^{(21)}m_{111}^{(00)}m_{103}^{(11)}+2m_{110}^{(21)}m_{111}^{(00)}m_{022}^{(20)}$$
$$-2m_{110}^{(21)}m_{111}^{(00)}m_{013}^{(10)}-6m_{110}^{(21)}m_{111}^{(10)}m_{211}^{(22)}+4m_{110}^{(21)}m_{111}^{(10)}m_{202}^{(21)}+2m_{110}^{(21)}m_{111}^{(10)}m_{013}^{(00)}$$
$$+3m_{110}^{(21)}m_{111}^{(11)}m_{301}^{(22)}-2m_{110}^{(21)}m_{111}^{(11)}m_{202}^{(20)}-m_{110}^{(21)}m_{111}^{(11)}m_{103}^{(00)}+4m_{110}^{(21)}m_{111}^{(20)}m_{211}^{(21)}$$
$$-2m_{110}^{(21)}m_{111}^{(20)}m_{202}^{(11)}-4m_{110}^{(21)}m_{111}^{(20)}m_{121}^{(20)}+4m_{110}^{(21)}m_{111}^{(20)}m_{112}^{(10)}-2m_{110}^{(21)}m_{111}^{(20)}m_{022}^{(00)}$$
$$-4m_{110}^{(21)}m_{111}^{(21)}m_{301}^{(21)}+4m_{110}^{(21)}m_{111}^{(21)}m_{211}^{(20)}+m_{110}^{(21)}m_{111}^{(22)}m_{301}^{(11)}-2m_{110}^{(21)}m_{111}^{(22)}m_{211}^{(10)}$$
$$+m_{110}^{(21)}m_{111}^{(22)}m_{121}^{(00)}-m_{110}^{(21)}m_{102}^{(00)}m_{130}^{(22)}-2m_{110}^{(21)}m_{102}^{(00)}m_{121}^{(21)}+3m_{110}^{(21)}m_{102}^{(00)}m_{112}^{(11)}$$
$$-2m_{110}^{(21)}m_{102}^{(00)}m_{031}^{(20)}+2m_{110}^{(21)}m_{102}^{(00)}m_{022}^{(10)}+2m_{110}^{(21)}m_{102}^{(10)}m_{220}^{(22)}+4m_{110}^{(21)}m_{102}^{(10)}m_{211}^{(21)}$$
$$-2m_{110}^{(21)}m_{102}^{(10)}m_{202}^{(11)}+2m_{110}^{(21)}m_{102}^{(10)}m_{121}^{(20)}-4m_{110}^{(21)}m_{102}^{(10)}m_{112}^{(10)}-2m_{110}^{(21)}m_{102}^{(10)}m_{022}^{(00)}$$
$$-m_{110}^{(21)}m_{102}^{(11)}m_{310}^{(22)}-2m_{110}^{(21)}m_{102}^{(11)}m_{301}^{(21)}+2m_{110}^{(21)}m_{102}^{(11)}m_{202}^{(10)}+m_{110}^{(21)}m_{102}^{(11)}m_{112}^{(00)}$$
$$-4m_{110}^{(21)}m_{102}^{(20)}m_{211}^{(11)}+2m_{110}^{(21)}m_{102}^{(20)}m_{130}^{(20)}+2m_{110}^{(21)}m_{102}^{(20)}m_{031}^{(00)}+2m_{110}^{(21)}m_{102}^{(21)}m_{301}^{(11)}$$
$$-2m_{110}^{(21)}m_{102}^{(21)}m_{220}^{(20)}+m_{110}^{(21)}m_{102}^{(22)}m_{310}^{(11)}-m_{110}^{(21)}m_{102}^{(22)}m_{130}^{(00)}-m_{110}^{(21)}m_{021}^{(00)}m_{211}^{(22)}$$
$$+m_{110}^{(21)}m_{021}^{(00)}m_{202}^{(21)}-m_{110}^{(21)}m_{021}^{(00)}m_{112}^{(20)}+m_{110}^{(21)}m_{021}^{(00)}m_{103}^{(10)}+m_{110}^{(21)}m_{021}^{(10)}m_{301}^{(22)}$$
$$-m_{110}^{(21)}m_{021}^{(10)}m_{103}^{(00)}+m_{110}^{(21)}m_{021}^{(20)}m_{310}^{(22)}-2m_{110}^{(21)}m_{021}^{(20)}m_{301}^{(21)}+2m_{110}^{(21)}m_{021}^{(20)}m_{211}^{(20)}$$
$$-2m_{110}^{(21)}m_{021}^{(20)}m_{202}^{(10)}+m_{110}^{(21)}m_{021}^{(20)}m_{112}^{(00)}-m_{110}^{(21)}m_{021}^{(21)}m_{400}^{(22)}+m_{110}^{(21)}m_{021}^{(21)}m_{202}^{(00)}$$

$$
\begin{aligned}
&+m_{110}^{(21)}m_{021}^{(22)}m_{400}^{(21)} - m_{110}^{(21)}m_{021}^{(22)}m_{310}^{(20)} + m_{110}^{(21)}m_{021}^{(22)}m_{301}^{(10)} - m_{110}^{(21)}m_{021}^{(22)}m_{211}^{(00)}\\
&-m_{110}^{(21)}m_{012}^{(00)}m_{220}^{(22)} + 2m_{110}^{(21)}m_{012}^{(00)}m_{211}^{(21)} - m_{110}^{(21)}m_{012}^{(00)}m_{202}^{(11)} + 2m_{110}^{(21)}m_{012}^{(10)}m_{310}^{(22)}\\
&-2m_{110}^{(21)}m_{012}^{(10)}m_{301}^{(21)} - m_{110}^{(21)}m_{012}^{(11)}m_{400}^{(22)} + m_{110}^{(21)}m_{012}^{(11)}m_{202}^{(00)} - 2m_{110}^{(21)}m_{012}^{(20)}m_{310}^{(21)}\\
&+2m_{110}^{(21)}m_{012}^{(20)}m_{301}^{(11)} + 2m_{110}^{(21)}m_{012}^{(21)}m_{400}^{(21)} - 2m_{110}^{(21)}m_{012}^{(21)}m_{211}^{(00)} - m_{110}^{(21)}m_{012}^{(22)}m_{400}^{(11)}\\
&+m_{110}^{(21)}m_{012}^{(22)}m_{220}^{(00)} + m_{110}^{(21)}m_{003}^{(00)}m_{220}^{(21)} - m_{110}^{(21)}m_{003}^{(00)}m_{211}^{(11)} + m_{110}^{(21)}m_{003}^{(00)}m_{130}^{(20)}\\
&-m_{110}^{(21)}m_{003}^{(00)}m_{121}^{(10)} - 2m_{110}^{(21)}m_{003}^{(10)}m_{310}^{(21)} + m_{110}^{(21)}m_{003}^{(10)}m_{301}^{(11)} - 2m_{110}^{(21)}m_{003}^{(10)}m_{220}^{(20)}\\
&+2m_{110}^{(21)}m_{003}^{(10)}m_{211}^{(10)} + m_{110}^{(21)}m_{003}^{(10)}m_{121}^{(00)} + m_{110}^{(21)}m_{003}^{(11)}m_{400}^{(21)} + m_{110}^{(21)}m_{003}^{(11)}m_{310}^{(20)}\\
&-m_{110}^{(21)}m_{003}^{(11)}m_{301}^{(10)} - m_{110}^{(21)}m_{003}^{(11)}m_{211}^{(00)} + m_{110}^{(21)}m_{003}^{(20)}m_{310}^{(11)} - m_{110}^{(21)}m_{003}^{(20)}m_{130}^{(00)}\\
&-m_{110}^{(21)}m_{003}^{(21)}m_{400}^{(11)} + m_{110}^{(21)}m_{003}^{(21)}m_{220}^{(00)} + 2m_{110}^{(22)}m_{210}^{(00)}m_{031}^{(22)} - 2m_{110}^{(22)}m_{210}^{(00)}m_{022}^{(21)}\\
&-4m_{110}^{(22)}m_{210}^{(10)}m_{121}^{(22)} + 2m_{110}^{(22)}m_{210}^{(10)}m_{112}^{(21)} + 2m_{110}^{(22)}m_{210}^{(10)}m_{022}^{(20)} + 2m_{110}^{(22)}m_{210}^{(11)}m_{211}^{(22)}\\
&-2m_{110}^{(22)}m_{210}^{(11)}m_{112}^{(20)} + 2m_{110}^{(22)}m_{210}^{(20)}m_{121}^{(21)} - 2m_{110}^{(22)}m_{210}^{(20)}m_{031}^{(20)} - 2m_{110}^{(22)}m_{210}^{(21)}m_{211}^{(21)}\\
&+2m_{110}^{(22)}m_{210}^{(21)}m_{121}^{(20)} - m_{110}^{(22)}m_{201}^{(00)}m_{040}^{(22)} + m_{110}^{(22)}m_{201}^{(00)}m_{022}^{(11)} + 2m_{110}^{(22)}m_{201}^{(10)}m_{130}^{(22)}\\
&+m_{110}^{(22)}m_{201}^{(10)}m_{121}^{(21)} - m_{110}^{(22)}m_{201}^{(10)}m_{112}^{(11)} - m_{110}^{(22)}m_{201}^{(10)}m_{031}^{(20)} - m_{110}^{(22)}m_{201}^{(10)}m_{022}^{(10)}\\
&-m_{110}^{(22)}m_{201}^{(11)}m_{220}^{(22)} - m_{110}^{(22)}m_{201}^{(11)}m_{211}^{(21)} + m_{110}^{(22)}m_{201}^{(11)}m_{121}^{(20)} + m_{110}^{(22)}m_{201}^{(11)}m_{112}^{(10)}\\
&-m_{110}^{(22)}m_{201}^{(20)}m_{130}^{(21)} - m_{110}^{(22)}m_{201}^{(20)}m_{121}^{(11)} + m_{110}^{(22)}m_{201}^{(20)}m_{040}^{(20)} + m_{110}^{(22)}m_{201}^{(20)}m_{031}^{(10)}\\
&+m_{110}^{(22)}m_{201}^{(21)}m_{220}^{(21)} + m_{110}^{(22)}m_{201}^{(21)}m_{211}^{(11)} - m_{110}^{(22)}m_{201}^{(21)}m_{130}^{(20)} - m_{110}^{(22)}m_{201}^{(21)}m_{121}^{(10)}\\
&-2m_{110}^{(22)}m_{120}^{(00)}m_{121}^{(22)} + 2m_{110}^{(22)}m_{120}^{(00)}m_{112}^{(21)} + 4m_{110}^{(22)}m_{120}^{(10)}m_{211}^{(22)} - 2m_{110}^{(22)}m_{120}^{(10)}m_{202}^{(21)}\\
&-2m_{110}^{(22)}m_{120}^{(10)}m_{112}^{(20)} - 2m_{110}^{(22)}m_{120}^{(11)}m_{301}^{(22)} + 2m_{110}^{(22)}m_{120}^{(11)}m_{202}^{(20)} - 2m_{110}^{(22)}m_{120}^{(20)}m_{211}^{(21)}\\
&+2m_{110}^{(22)}m_{120}^{(20)}m_{121}^{(20)} + 2m_{110}^{(22)}m_{120}^{(21)}m_{301}^{(21)} - 2m_{110}^{(22)}m_{120}^{(21)}m_{211}^{(20)} + m_{110}^{(22)}m_{111}^{(00)}m_{121}^{(21)}\\
&-m_{110}^{(22)}m_{111}^{(00)}m_{112}^{(11)} - m_{110}^{(22)}m_{111}^{(00)}m_{031}^{(20)} + m_{110}^{(22)}m_{111}^{(00)}m_{022}^{(10)} - 2m_{110}^{(22)}m_{111}^{(10)}m_{211}^{(21)}\\
&+m_{110}^{(22)}m_{111}^{(10)}m_{202}^{(11)} + 2m_{110}^{(22)}m_{111}^{(10)}m_{121}^{(20)} - m_{110}^{(22)}m_{111}^{(10)}m_{022}^{(00)} + m_{110}^{(22)}m_{111}^{(11)}m_{301}^{(21)}\\
&-m_{110}^{(22)}m_{111}^{(11)}m_{211}^{(20)} - m_{110}^{(22)}m_{111}^{(11)}m_{202}^{(10)} + m_{110}^{(22)}m_{111}^{(11)}m_{112}^{(00)} + m_{110}^{(22)}m_{111}^{(20)}m_{211}^{(11)}\\
&-2m_{110}^{(22)}m_{111}^{(20)}m_{121}^{(10)} + m_{110}^{(22)}m_{111}^{(20)}m_{031}^{(00)} - m_{110}^{(22)}m_{111}^{(21)}m_{301}^{(11)} + 2m_{110}^{(22)}m_{111}^{(21)}m_{211}^{(10)}\\
&-m_{110}^{(22)}m_{111}^{(21)}m_{121}^{(00)} + m_{110}^{(22)}m_{102}^{(00)}m_{130}^{(21)} - m_{110}^{(22)}m_{102}^{(00)}m_{121}^{(11)} + m_{110}^{(22)}m_{102}^{(00)}m_{040}^{(20)}\\
&-m_{110}^{(22)}m_{102}^{(00)}m_{031}^{(10)} - 2m_{110}^{(22)}m_{102}^{(10)}m_{220}^{(21)} + m_{110}^{(22)}m_{102}^{(10)}m_{211}^{(11)} - 2m_{110}^{(22)}m_{102}^{(10)}m_{130}^{(20)}\\
&+2m_{110}^{(22)}m_{102}^{(10)}m_{121}^{(10)} + m_{110}^{(22)}m_{102}^{(10)}m_{031}^{(00)} + m_{110}^{(22)}m_{102}^{(11)}m_{310}^{(21)} + m_{110}^{(22)}m_{102}^{(11)}m_{220}^{(20)}\\
&-m_{110}^{(22)}m_{102}^{(11)}m_{211}^{(10)} - m_{110}^{(22)}m_{102}^{(11)}m_{121}^{(00)} + m_{110}^{(22)}m_{102}^{(20)}m_{220}^{(11)} - m_{110}^{(22)}m_{102}^{(20)}m_{040}^{(00)}\\
&-m_{110}^{(22)}m_{102}^{(21)}m_{310}^{(11)} + m_{110}^{(22)}m_{102}^{(21)}m_{130}^{(00)} + m_{110}^{(22)}m_{021}^{(00)}m_{220}^{(22)} - m_{110}^{(22)}m_{021}^{(00)}m_{211}^{(21)}\\
&+m_{110}^{(22)}m_{021}^{(00)}m_{121}^{(20)} - m_{110}^{(22)}m_{021}^{(00)}m_{112}^{(10)} - 2m_{110}^{(22)}m_{021}^{(10)}m_{310}^{(22)} + m_{110}^{(22)}m_{021}^{(10)}m_{301}^{(21)}\\
&-m_{110}^{(22)}m_{021}^{(10)}m_{211}^{(20)} + m_{110}^{(22)}m_{021}^{(10)}m_{202}^{(10)} + m_{110}^{(22)}m_{021}^{(10)}m_{112}^{(00)} + m_{110}^{(22)}m_{021}^{(11)}m_{400}^{(22)}\\
&-m_{110}^{(22)}m_{021}^{(11)}m_{202}^{(00)} + m_{110}^{(22)}m_{021}^{(20)}m_{310}^{(21)} - m_{110}^{(22)}m_{021}^{(20)}m_{220}^{(20)} + m_{110}^{(22)}m_{021}^{(20)}m_{211}^{(10)}\\
&-m_{110}^{(22)}m_{021}^{(20)}m_{121}^{(00)} - m_{110}^{(22)}m_{021}^{(21)}m_{400}^{(21)} + m_{110}^{(22)}m_{021}^{(21)}m_{310}^{(20)} - m_{110}^{(22)}m_{021}^{(21)}m_{301}^{(10)}\\
&+m_{110}^{(22)}m_{021}^{(21)}m_{211}^{(00)} - m_{110}^{(22)}m_{012}^{(00)}m_{220}^{(21)} + m_{110}^{(22)}m_{012}^{(00)}m_{211}^{(11)} - m_{110}^{(22)}m_{012}^{(00)}m_{130}^{(20)}\\
&+m_{110}^{(22)}m_{012}^{(00)}m_{121}^{(10)} + 2m_{110}^{(22)}m_{012}^{(10)}m_{310}^{(21)} - m_{110}^{(22)}m_{012}^{(10)}m_{301}^{(11)} + 2m_{110}^{(22)}m_{012}^{(10)}m_{220}^{(20)}\\
&-2m_{110}^{(22)}m_{012}^{(10)}m_{211}^{(10)} - m_{110}^{(22)}m_{012}^{(10)}m_{121}^{(00)} - m_{110}^{(22)}m_{012}^{(11)}m_{400}^{(21)} - m_{110}^{(22)}m_{012}^{(11)}m_{310}^{(20)}\\
&+m_{110}^{(22)}m_{012}^{(11)}m_{301}^{(10)} + m_{110}^{(22)}m_{012}^{(11)}m_{211}^{(00)} - m_{110}^{(22)}m_{012}^{(20)}m_{310}^{(11)} + m_{110}^{(22)}m_{012}^{(20)}m_{130}^{(00)}\\
&+m_{110}^{(22)}m_{012}^{(21)}m_{400}^{(11)} - m_{110}^{(22)}m_{012}^{(21)}m_{220}^{(00)} - m_{101}^{(00)}m_{120}^{(10)}m_{022}^{(22)} + m_{101}^{(00)}m_{120}^{(10)}m_{004}^{(11)}\\
&+m_{101}^{(00)}m_{120}^{(11)}m_{112}^{(22)} + m_{101}^{(00)}m_{120}^{(11)}m_{103}^{(21)} - m_{101}^{(00)}m_{120}^{(11)}m_{013}^{(20)} - m_{101}^{(00)}m_{120}^{(11)}m_{004}^{(10)}
\end{aligned}
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\begin{aligned}
&+m_{101}^{(00)}m_{120}^{(20)}m_{031}^{(22)} - m_{101}^{(00)}m_{120}^{(20)}m_{013}^{(11)} - m_{101}^{(00)}m_{120}^{(21)}m_{121}^{(22)} - 2m_{101}^{(00)}m_{120}^{(21)}m_{112}^{(21)}\\
&-m_{101}^{(00)}m_{120}^{(21)}m_{103}^{(11)} + 2m_{101}^{(00)}m_{120}^{(21)}m_{022}^{(20)} + 2m_{101}^{(00)}m_{120}^{(21)}m_{013}^{(10)} + m_{101}^{(00)}m_{120}^{(22)}m_{121}^{(21)}\\
&+m_{101}^{(00)}m_{120}^{(22)}m_{112}^{(11)} - m_{101}^{(00)}m_{120}^{(22)}m_{031}^{(20)} - m_{101}^{(00)}m_{120}^{(22)}m_{022}^{(10)} + m_{101}^{(00)}m_{111}^{(10)}m_{031}^{(22)}\\
&+2m_{101}^{(00)}m_{111}^{(10)}m_{022}^{(21)} - 3m_{101}^{(00)}m_{111}^{(10)}m_{013}^{(11)} - m_{101}^{(00)}m_{111}^{(11)}m_{121}^{(22)} - 3m_{101}^{(00)}m_{111}^{(11)}m_{112}^{(21)}\\
&+m_{101}^{(00)}m_{111}^{(11)}m_{022}^{(20)} + 3m_{101}^{(00)}m_{111}^{(11)}m_{013}^{(10)} - m_{101}^{(00)}m_{111}^{(20)}m_{040}^{(22)} - 2m_{101}^{(00)}m_{111}^{(20)}m_{031}^{(21)}\\
&+3m_{101}^{(00)}m_{111}^{(20)}m_{022}^{(11)} + m_{101}^{(00)}m_{111}^{(21)}m_{130}^{(22)} + 4m_{101}^{(00)}m_{111}^{(21)}m_{121}^{(21)} + 3m_{101}^{(00)}m_{111}^{(21)}m_{112}^{(11)}\\
&-2m_{101}^{(00)}m_{111}^{(21)}m_{031}^{(20)} - 6m_{101}^{(00)}m_{111}^{(21)}m_{022}^{(10)} - m_{101}^{(00)}m_{111}^{(22)}m_{130}^{(21)} - 3m_{101}^{(00)}m_{111}^{(22)}m_{121}^{(11)}\\
&+m_{101}^{(00)}m_{111}^{(22)}m_{040}^{(20)} + 3m_{101}^{(00)}m_{111}^{(22)}m_{031}^{(10)} - 2m_{101}^{(00)}m_{102}^{(10)}m_{031}^{(21)} + 2m_{101}^{(00)}m_{102}^{(10)}m_{022}^{(11)}\\
&+2m_{101}^{(00)}m_{102}^{(11)}m_{121}^{(21)} - 2m_{101}^{(00)}m_{102}^{(11)}m_{022}^{(10)} + 2m_{101}^{(00)}m_{102}^{(20)}m_{040}^{(21)} - 2m_{101}^{(00)}m_{102}^{(20)}m_{031}^{(11)}\\
&-2m_{101}^{(00)}m_{102}^{(21)}m_{130}^{(21)} - 2m_{101}^{(00)}m_{102}^{(21)}m_{121}^{(11)} + 4m_{101}^{(00)}m_{102}^{(21)}m_{031}^{(10)} + 2m_{101}^{(00)}m_{102}^{(22)}m_{130}^{(11)}\\
&-2m_{101}^{(00)}m_{102}^{(22)}m_{040}^{(10)} + m_{101}^{(00)}m_{030}^{(10)}m_{112}^{(22)} - m_{101}^{(00)}m_{030}^{(10)}m_{103}^{(21)} + m_{101}^{(00)}m_{030}^{(10)}m_{013}^{(20)}\\
&-m_{101}^{(00)}m_{030}^{(10)}m_{004}^{(10)} - m_{101}^{(00)}m_{030}^{(11)}m_{202}^{(22)} + m_{101}^{(00)}m_{030}^{(11)}m_{004}^{(00)} - m_{101}^{(00)}m_{030}^{(20)}m_{121}^{(22)}\\
&+m_{101}^{(00)}m_{030}^{(20)}m_{112}^{(21)} - m_{101}^{(00)}m_{030}^{(20)}m_{022}^{(20)} + m_{101}^{(00)}m_{030}^{(20)}m_{013}^{(10)} + m_{101}^{(00)}m_{030}^{(21)}m_{211}^{(22)}\\
&+m_{101}^{(00)}m_{030}^{(21)}m_{202}^{(21)} - m_{101}^{(00)}m_{030}^{(21)}m_{112}^{(20)} + m_{101}^{(00)}m_{030}^{(21)}m_{103}^{(10)} - 2m_{101}^{(00)}m_{030}^{(21)}m_{013}^{(00)}\\
&-m_{101}^{(00)}m_{030}^{(22)}m_{211}^{(21)} + m_{101}^{(00)}m_{030}^{(22)}m_{121}^{(20)} - m_{101}^{(00)}m_{030}^{(22)}m_{112}^{(10)} + m_{101}^{(00)}m_{030}^{(22)}m_{022}^{(00)}\\
&-m_{101}^{(00)}m_{021}^{(10)}m_{121}^{(22)} + m_{101}^{(00)}m_{021}^{(10)}m_{103}^{(11)} - 2m_{101}^{(00)}m_{021}^{(10)}m_{022}^{(20)} + 2m_{101}^{(00)}m_{021}^{(10)}m_{013}^{(10)}\\
&+m_{101}^{(00)}m_{021}^{(11)}m_{211}^{(22)} + m_{101}^{(00)}m_{021}^{(11)}m_{202}^{(21)} + m_{101}^{(00)}m_{021}^{(11)}m_{112}^{(20)} - m_{101}^{(00)}m_{021}^{(11)}m_{103}^{(10)}\\
&-2m_{101}^{(00)}m_{021}^{(11)}m_{013}^{(00)} + m_{101}^{(00)}m_{021}^{(20)}m_{130}^{(22)} - m_{101}^{(00)}m_{021}^{(20)}m_{112}^{(11)} + 2m_{101}^{(00)}m_{021}^{(20)}m_{031}^{(20)}\\
&-2m_{101}^{(00)}m_{021}^{(20)}m_{022}^{(10)} - m_{101}^{(00)}m_{021}^{(21)}m_{220}^{(22)} - 2m_{101}^{(00)}m_{021}^{(21)}m_{211}^{(21)} - m_{101}^{(00)}m_{021}^{(21)}m_{202}^{(11)}\\
&+4m_{101}^{(00)}m_{021}^{(21)}m_{022}^{(00)} + m_{101}^{(00)}m_{021}^{(22)}m_{220}^{(21)} + m_{101}^{(00)}m_{021}^{(22)}m_{211}^{(11)} - m_{101}^{(00)}m_{021}^{(22)}m_{130}^{(20)}\\
&+m_{101}^{(00)}m_{021}^{(22)}m_{121}^{(10)} - 2m_{101}^{(00)}m_{021}^{(22)}m_{031}^{(00)} + m_{101}^{(00)}m_{012}^{(10)}m_{121}^{(21)} - m_{101}^{(00)}m_{012}^{(10)}m_{112}^{(11)}\\
&+m_{101}^{(00)}m_{012}^{(10)}m_{031}^{(20)} - m_{101}^{(00)}m_{012}^{(10)}m_{022}^{(10)} - m_{101}^{(00)}m_{012}^{(11)}m_{211}^{(21)} - m_{101}^{(00)}m_{012}^{(11)}m_{121}^{(20)}\\
&+m_{101}^{(00)}m_{012}^{(11)}m_{112}^{(10)} + m_{101}^{(00)}m_{012}^{(11)}m_{022}^{(00)} - m_{101}^{(00)}m_{012}^{(20)}m_{130}^{(21)} + m_{101}^{(00)}m_{012}^{(20)}m_{121}^{(11)}\\
&-m_{101}^{(00)}m_{012}^{(20)}m_{040}^{(20)} + m_{101}^{(00)}m_{012}^{(20)}m_{031}^{(10)} + m_{101}^{(00)}m_{012}^{(21)}m_{220}^{(21)} + m_{101}^{(00)}m_{012}^{(21)}m_{211}^{(11)}\\
&+m_{101}^{(00)}m_{012}^{(21)}m_{130}^{(20)} - m_{101}^{(00)}m_{012}^{(21)}m_{121}^{(10)} - 2m_{101}^{(00)}m_{012}^{(21)}m_{031}^{(00)} - m_{101}^{(00)}m_{012}^{(22)}m_{220}^{(11)}\\
&+m_{101}^{(00)}m_{012}^{(22)}m_{040}^{(00)} + m_{101}^{(10)}m_{210}^{(10)}m_{022}^{(22)} - m_{101}^{(10)}m_{210}^{(10)}m_{004}^{(11)} - m_{101}^{(10)}m_{210}^{(11)}m_{112}^{(22)}\\
&-m_{101}^{(10)}m_{210}^{(11)}m_{103}^{(21)} + m_{101}^{(10)}m_{210}^{(11)}m_{013}^{(20)} + m_{101}^{(10)}m_{210}^{(11)}m_{004}^{(10)} - m_{101}^{(10)}m_{210}^{(20)}m_{031}^{(22)}\\
&+m_{101}^{(10)}m_{210}^{(20)}m_{013}^{(11)} + m_{101}^{(10)}m_{210}^{(21)}m_{121}^{(22)} + 2m_{101}^{(10)}m_{210}^{(21)}m_{112}^{(21)} + m_{101}^{(10)}m_{210}^{(21)}m_{103}^{(11)}\\
&-2m_{101}^{(10)}m_{210}^{(21)}m_{022}^{(20)} - 2m_{101}^{(10)}m_{210}^{(21)}m_{013}^{(10)} - m_{101}^{(10)}m_{210}^{(22)}m_{121}^{(21)} - m_{101}^{(10)}m_{210}^{(22)}m_{112}^{(11)}\\
&+m_{101}^{(10)}m_{210}^{(22)}m_{031}^{(20)} + m_{101}^{(10)}m_{210}^{(22)}m_{022}^{(10)} - 2m_{101}^{(10)}m_{201}^{(10)}m_{022}^{(21)} + 2m_{101}^{(10)}m_{201}^{(10)}m_{013}^{(11)}\\
&+2m_{101}^{(10)}m_{201}^{(11)}m_{112}^{(21)} - 2m_{101}^{(10)}m_{201}^{(11)}m_{013}^{(10)} + 2m_{101}^{(10)}m_{201}^{(20)}m_{031}^{(21)} - 2m_{101}^{(10)}m_{201}^{(20)}m_{022}^{(11)}\\
&-2m_{101}^{(10)}m_{201}^{(21)}m_{121}^{(21)} - 2m_{101}^{(10)}m_{201}^{(21)}m_{112}^{(11)} + 4m_{101}^{(10)}m_{201}^{(21)}m_{022}^{(10)} + 2m_{101}^{(10)}m_{201}^{(22)}m_{121}^{(11)}\\
&-2m_{101}^{(10)}m_{201}^{(22)}m_{031}^{(10)} + m_{101}^{(10)}m_{120}^{(00)}m_{022}^{(22)} - m_{101}^{(10)}m_{120}^{(00)}m_{004}^{(11)} - 2m_{101}^{(10)}m_{120}^{(10)}m_{112}^{(22)}\\
&+2m_{101}^{(10)}m_{120}^{(10)}m_{004}^{(10)} + m_{101}^{(10)}m_{120}^{(11)}m_{202}^{(22)} - m_{101}^{(10)}m_{120}^{(11)}m_{004}^{(00)} + 2m_{101}^{(10)}m_{120}^{(20)}m_{103}^{(11)}\\
&-2m_{101}^{(10)}m_{120}^{(20)}m_{013}^{(10)} - 2m_{101}^{(10)}m_{120}^{(21)}m_{103}^{(10)} + 2m_{101}^{(10)}m_{120}^{(21)}m_{013}^{(00)} - m_{101}^{(10)}m_{120}^{(22)}m_{202}^{(11)}\\
&+2m_{101}^{(10)}m_{120}^{(22)}m_{112}^{(10)} - m_{101}^{(10)}m_{120}^{(22)}m_{022}^{(00)} - m_{101}^{(10)}m_{111}^{(00)}m_{031}^{(22)} - 2m_{101}^{(10)}m_{111}^{(00)}m_{022}^{(21)}\\
&+3m_{101}^{(10)}m_{111}^{(00)}m_{013}^{(11)} + 4m_{101}^{(10)}m_{111}^{(10)}m_{112}^{(21)} - 4m_{101}^{(10)}m_{111}^{(10)}m_{013}^{(10)} + m_{101}^{(10)}m_{111}^{(11)}m_{211}^{(22)}\\
&-2m_{101}^{(10)}m_{111}^{(11)}m_{112}^{(20)} + m_{101}^{(10)}m_{111}^{(11)}m_{013}^{(00)} + 2m_{101}^{(10)}m_{111}^{(20)}m_{130}^{(22)} - 6m_{101}^{(10)}m_{111}^{(20)}m_{112}^{(11)}
\end{aligned}
$$

$$+4m_{101}^{(10)}m_{111}^{(20)}m_{022}^{(10)} - 2m_{101}^{(10)}m_{111}^{(21)}m_{220}^{(22)} - 4m_{101}^{(10)}m_{111}^{(21)}m_{211}^{(21)} + 4m_{101}^{(10)}m_{111}^{(21)}m_{121}^{(20)}$$
$$+4m_{101}^{(10)}m_{111}^{(21)}m_{112}^{(10)} - 2m_{101}^{(10)}m_{111}^{(21)}m_{022}^{(00)} + 2m_{101}^{(10)}m_{111}^{(22)}m_{220}^{(21)} + 3m_{101}^{(10)}m_{111}^{(22)}m_{211}^{(11)}$$
$$-2m_{101}^{(10)}m_{111}^{(22)}m_{130}^{(20)} - 4m_{101}^{(10)}m_{111}^{(22)}m_{121}^{(10)} + m_{101}^{(10)}m_{111}^{(22)}m_{031}^{(00)} + 2m_{101}^{(10)}m_{102}^{(00)}m_{031}^{(21)}$$
$$-2m_{101}^{(10)}m_{102}^{(00)}m_{022}^{(11)} - 2m_{101}^{(10)}m_{102}^{(10)}m_{112}^{(11)} + 2m_{101}^{(10)}m_{102}^{(10)}m_{022}^{(10)} - 2m_{101}^{(10)}m_{102}^{(11)}m_{211}^{(21)}$$
$$+2m_{101}^{(10)}m_{102}^{(11)}m_{112}^{(10)} - 4m_{101}^{(10)}m_{102}^{(20)}m_{130}^{(21)} + 6m_{101}^{(10)}m_{102}^{(20)}m_{121}^{(11)} - 2m_{101}^{(10)}m_{102}^{(20)}m_{031}^{(10)}$$
$$+4m_{101}^{(10)}m_{102}^{(21)}m_{220}^{(21)} + 2m_{101}^{(10)}m_{102}^{(21)}m_{211}^{(11)} - 6m_{101}^{(10)}m_{102}^{(21)}m_{121}^{(10)} - 4m_{101}^{(10)}m_{102}^{(22)}m_{220}^{(11)}$$
$$+4m_{101}^{(10)}m_{102}^{(22)}m_{130}^{(10)} - m_{101}^{(10)}m_{030}^{(00)}m_{112}^{(22)} + m_{101}^{(10)}m_{030}^{(00)}m_{103}^{(21)} - m_{101}^{(10)}m_{030}^{(00)}m_{013}^{(20)}$$
$$+m_{101}^{(10)}m_{030}^{(00)}m_{004}^{(10)} + m_{101}^{(10)}m_{030}^{(10)}m_{202}^{(22)} - m_{101}^{(10)}m_{030}^{(10)}m_{004}^{(00)} + m_{101}^{(10)}m_{030}^{(20)}m_{211}^{(22)}$$
$$-2m_{101}^{(10)}m_{030}^{(20)}m_{202}^{(21)} + 2m_{101}^{(10)}m_{030}^{(20)}m_{112}^{(20)} - 2m_{101}^{(10)}m_{030}^{(20)}m_{103}^{(10)} + m_{101}^{(10)}m_{030}^{(20)}m_{013}^{(00)}$$
$$-m_{101}^{(10)}m_{030}^{(21)}m_{301}^{(22)} + m_{101}^{(10)}m_{030}^{(21)}m_{103}^{(00)} + m_{101}^{(10)}m_{030}^{(22)}m_{301}^{(21)} - m_{101}^{(10)}m_{030}^{(22)}m_{211}^{(20)}$$
$$+m_{101}^{(10)}m_{030}^{(22)}m_{202}^{(10)} - m_{101}^{(10)}m_{030}^{(22)}m_{112}^{(00)} + m_{101}^{(10)}m_{021}^{(00)}m_{121}^{(22)} - m_{101}^{(10)}m_{021}^{(00)}m_{103}^{(11)}$$
$$+2m_{101}^{(10)}m_{021}^{(00)}m_{022}^{(20)} - 2m_{101}^{(10)}m_{021}^{(00)}m_{013}^{(10)} - 2m_{101}^{(10)}m_{021}^{(10)}m_{202}^{(21)} + 2m_{101}^{(10)}m_{021}^{(10)}m_{013}^{(00)}$$
$$-m_{101}^{(10)}m_{021}^{(11)}m_{301}^{(22)} + m_{101}^{(10)}m_{021}^{(11)}m_{103}^{(00)} - 2m_{101}^{(10)}m_{021}^{(20)}m_{220}^{(22)} + 2m_{101}^{(10)}m_{021}^{(20)}m_{211}^{(21)}$$
$$+2m_{101}^{(10)}m_{021}^{(20)}m_{202}^{(11)} - 4m_{101}^{(10)}m_{021}^{(20)}m_{121}^{(20)} + 4m_{101}^{(10)}m_{021}^{(20)}m_{112}^{(10)} - 2m_{101}^{(10)}m_{021}^{(20)}m_{022}^{(00)}$$
$$+2m_{101}^{(10)}m_{021}^{(21)}m_{310}^{(22)} + 2m_{101}^{(10)}m_{021}^{(21)}m_{301}^{(21)} - 4m_{101}^{(10)}m_{021}^{(21)}m_{112}^{(00)} - 2m_{101}^{(10)}m_{021}^{(22)}m_{310}^{(21)}$$
$$-m_{101}^{(10)}m_{021}^{(22)}m_{301}^{(11)} + 2m_{101}^{(10)}m_{021}^{(22)}m_{220}^{(20)} - 2m_{101}^{(10)}m_{021}^{(22)}m_{211}^{(10)} + 3m_{101}^{(10)}m_{021}^{(22)}m_{121}^{(00)}$$
$$-m_{101}^{(10)}m_{012}^{(00)}m_{121}^{(21)} + m_{101}^{(10)}m_{012}^{(00)}m_{112}^{(11)} - m_{101}^{(10)}m_{012}^{(00)}m_{031}^{(20)} + m_{101}^{(10)}m_{012}^{(00)}m_{022}^{(10)}$$
$$+m_{101}^{(10)}m_{012}^{(10)}m_{202}^{(11)} - m_{101}^{(10)}m_{012}^{(10)}m_{022}^{(00)} + m_{101}^{(10)}m_{012}^{(11)}m_{301}^{(21)} + m_{101}^{(10)}m_{012}^{(11)}m_{211}^{(20)}$$
$$-m_{101}^{(10)}m_{012}^{(11)}m_{202}^{(10)} - m_{101}^{(10)}m_{012}^{(11)}m_{112}^{(00)} + 2m_{101}^{(10)}m_{012}^{(20)}m_{220}^{(21)} - 3m_{101}^{(10)}m_{012}^{(20)}m_{211}^{(11)}$$
$$+2m_{101}^{(10)}m_{012}^{(20)}m_{130}^{(20)} - 2m_{101}^{(10)}m_{012}^{(20)}m_{121}^{(10)} + m_{101}^{(10)}m_{012}^{(20)}m_{031}^{(00)} - 2m_{101}^{(10)}m_{012}^{(21)}m_{310}^{(21)}$$
$$-m_{101}^{(10)}m_{012}^{(21)}m_{301}^{(11)} - 2m_{101}^{(10)}m_{012}^{(21)}m_{220}^{(20)} + 2m_{101}^{(10)}m_{012}^{(21)}m_{211}^{(10)} + 3m_{101}^{(10)}m_{012}^{(21)}m_{121}^{(00)}$$
$$+2m_{101}^{(10)}m_{012}^{(22)}m_{310}^{(11)} - 2m_{101}^{(10)}m_{012}^{(22)}m_{130}^{(00)} - m_{101}^{(11)}m_{210}^{(00)}m_{022}^{(22)} + m_{101}^{(11)}m_{210}^{(00)}m_{004}^{(11)}$$
$$+m_{101}^{(11)}m_{210}^{(10)}m_{112}^{(22)} + m_{101}^{(11)}m_{210}^{(10)}m_{103}^{(21)} - m_{101}^{(11)}m_{210}^{(10)}m_{013}^{(20)} - m_{101}^{(11)}m_{210}^{(10)}m_{004}^{(10)}$$
$$+m_{101}^{(11)}m_{210}^{(20)}m_{121}^{(22)} - m_{101}^{(11)}m_{210}^{(20)}m_{112}^{(21)} - 2m_{101}^{(11)}m_{210}^{(20)}m_{103}^{(11)} + m_{101}^{(11)}m_{210}^{(20)}m_{022}^{(20)}$$
$$+m_{101}^{(11)}m_{210}^{(20)}m_{013}^{(10)} - m_{101}^{(11)}m_{210}^{(21)}m_{211}^{(22)} - m_{101}^{(11)}m_{210}^{(21)}m_{202}^{(21)} + m_{101}^{(11)}m_{210}^{(21)}m_{112}^{(20)}$$
$$+m_{101}^{(11)}m_{210}^{(21)}m_{103}^{(10)} + m_{101}^{(11)}m_{210}^{(22)}m_{211}^{(21)} + m_{101}^{(11)}m_{210}^{(22)}m_{202}^{(11)} - m_{101}^{(11)}m_{210}^{(22)}m_{121}^{(20)}$$
$$-m_{101}^{(11)}m_{210}^{(22)}m_{112}^{(10)} + 2m_{101}^{(11)}m_{201}^{(00)}m_{022}^{(21)} - 2m_{101}^{(11)}m_{201}^{(00)}m_{013}^{(11)} - 2m_{101}^{(11)}m_{201}^{(10)}m_{112}^{(21)}$$
$$+2m_{101}^{(11)}m_{201}^{(10)}m_{013}^{(10)} - 2m_{101}^{(11)}m_{201}^{(20)}m_{121}^{(21)} + 4m_{101}^{(11)}m_{201}^{(20)}m_{112}^{(11)} - 2m_{101}^{(11)}m_{201}^{(20)}m_{022}^{(10)}$$
$$+2m_{101}^{(11)}m_{201}^{(21)}m_{211}^{(21)} - 2m_{101}^{(11)}m_{201}^{(21)}m_{112}^{(10)} - 2m_{101}^{(11)}m_{201}^{(22)}m_{211}^{(11)} + 2m_{101}^{(11)}m_{201}^{(22)}m_{121}^{(10)}$$
$$+m_{101}^{(11)}m_{120}^{(00)}m_{112}^{(22)} - m_{101}^{(11)}m_{120}^{(00)}m_{103}^{(21)} + m_{101}^{(11)}m_{120}^{(00)}m_{013}^{(20)} - m_{101}^{(11)}m_{120}^{(00)}m_{004}^{(10)}$$
$$-m_{101}^{(11)}m_{120}^{(10)}m_{202}^{(22)} + m_{101}^{(11)}m_{120}^{(10)}m_{004}^{(00)} - m_{101}^{(11)}m_{120}^{(20)}m_{211}^{(22)} + 2m_{101}^{(11)}m_{120}^{(20)}m_{202}^{(21)}$$
$$-2m_{101}^{(11)}m_{120}^{(20)}m_{112}^{(20)} + 2m_{101}^{(11)}m_{120}^{(20)}m_{103}^{(10)} - m_{101}^{(11)}m_{120}^{(20)}m_{013}^{(00)} + m_{101}^{(11)}m_{120}^{(21)}m_{301}^{(22)}$$
$$-m_{101}^{(11)}m_{120}^{(21)}m_{103}^{(00)} - m_{101}^{(11)}m_{120}^{(22)}m_{301}^{(21)} + m_{101}^{(11)}m_{120}^{(22)}m_{211}^{(20)} - m_{101}^{(11)}m_{120}^{(22)}m_{202}^{(10)}$$
$$+m_{101}^{(11)}m_{120}^{(22)}m_{112}^{(00)} + m_{101}^{(11)}m_{111}^{(00)}m_{121}^{(22)} - m_{101}^{(11)}m_{111}^{(00)}m_{112}^{(21)} - m_{101}^{(11)}m_{111}^{(00)}m_{022}^{(20)}$$
$$+m_{101}^{(11)}m_{111}^{(00)}m_{013}^{(10)} - m_{101}^{(11)}m_{111}^{(10)}m_{211}^{(22)} + 2m_{101}^{(11)}m_{111}^{(10)}m_{112}^{(20)} - m_{101}^{(11)}m_{111}^{(10)}m_{013}^{(00)}$$
$$-m_{101}^{(11)}m_{111}^{(20)}m_{220}^{(22)} + 2m_{101}^{(11)}m_{111}^{(20)}m_{211}^{(21)} - 2m_{101}^{(11)}m_{111}^{(20)}m_{112}^{(10)} + m_{101}^{(11)}m_{111}^{(20)}m_{022}^{(00)}$$
$$+m_{101}^{(11)}m_{111}^{(21)}m_{310}^{(22)} - 2m_{101}^{(11)}m_{111}^{(21)}m_{211}^{(20)} + m_{101}^{(11)}m_{111}^{(21)}m_{112}^{(00)} - m_{101}^{(11)}m_{111}^{(22)}m_{310}^{(21)}$$
$$+m_{101}^{(11)}m_{111}^{(22)}m_{220}^{(20)} + m_{101}^{(11)}m_{111}^{(22)}m_{211}^{(10)} - m_{101}^{(11)}m_{111}^{(22)}m_{121}^{(00)} - 2m_{101}^{(11)}m_{102}^{(00)}m_{121}^{(21)}$$

$$+2m_{101}^{(11)}m_{102}^{(00)}m_{112}^{(11)}+2m_{101}^{(11)}m_{102}^{(10)}m_{211}^{(21)}-2m_{101}^{(11)}m_{102}^{(10)}m_{112}^{(10)}+2m_{101}^{(11)}m_{102}^{(20)}m_{220}^{(21)}$$
$$-4m_{101}^{(11)}m_{102}^{(20)}m_{211}^{(11)}+2m_{101}^{(11)}m_{102}^{(20)}m_{121}^{(10)}-2m_{101}^{(11)}m_{102}^{(21)}m_{310}^{(21)}+2m_{101}^{(11)}m_{102}^{(21)}m_{211}^{(10)}$$
$$+2m_{101}^{(11)}m_{102}^{(22)}m_{310}^{(11)}-2m_{101}^{(11)}m_{102}^{(22)}m_{220}^{(10)}-m_{101}^{(11)}m_{021}^{(00)}m_{211}^{(22)}+m_{101}^{(11)}m_{021}^{(00)}m_{202}^{(21)}$$
$$-m_{101}^{(11)}m_{021}^{(00)}m_{112}^{(20)}+m_{101}^{(11)}m_{021}^{(00)}m_{103}^{(10)}+m_{101}^{(11)}m_{021}^{(10)}m_{301}^{(22)}-m_{101}^{(11)}m_{021}^{(10)}m_{103}^{(00)}$$
$$+m_{101}^{(11)}m_{021}^{(20)}m_{310}^{(22)}-2m_{101}^{(11)}m_{021}^{(20)}m_{301}^{(21)}+2m_{101}^{(11)}m_{021}^{(20)}m_{211}^{(20)}-2m_{101}^{(11)}m_{021}^{(20)}m_{202}^{(10)}$$
$$+m_{101}^{(11)}m_{021}^{(20)}m_{112}^{(00)}-m_{101}^{(11)}m_{021}^{(21)}m_{400}^{(22)}+m_{101}^{(11)}m_{021}^{(21)}m_{202}^{(00)}+m_{101}^{(11)}m_{021}^{(22)}m_{400}^{(21)}$$
$$-m_{101}^{(11)}m_{021}^{(22)}m_{310}^{(20)}+m_{101}^{(11)}m_{021}^{(22)}m_{301}^{(10)}-m_{101}^{(11)}m_{021}^{(22)}m_{211}^{(00)}+m_{101}^{(11)}m_{012}^{(00)}m_{211}^{(21)}$$
$$-m_{101}^{(11)}m_{012}^{(00)}m_{202}^{(11)}+m_{101}^{(11)}m_{012}^{(00)}m_{121}^{(20)}-m_{101}^{(11)}m_{012}^{(00)}m_{112}^{(10)}-m_{101}^{(11)}m_{012}^{(10)}m_{301}^{(21)}$$
$$-m_{101}^{(11)}m_{012}^{(10)}m_{211}^{(20)}+m_{101}^{(11)}m_{012}^{(10)}m_{202}^{(10)}+m_{101}^{(11)}m_{012}^{(10)}m_{112}^{(00)}-m_{101}^{(11)}m_{012}^{(20)}m_{310}^{(21)}$$
$$+2m_{101}^{(11)}m_{012}^{(20)}m_{301}^{(11)}-m_{101}^{(11)}m_{012}^{(20)}m_{220}^{(20)}+m_{101}^{(11)}m_{012}^{(20)}m_{211}^{(10)}-m_{101}^{(11)}m_{012}^{(20)}m_{121}^{(00)}$$
$$+m_{101}^{(11)}m_{012}^{(21)}m_{400}^{(21)}+m_{101}^{(11)}m_{012}^{(21)}m_{310}^{(20)}-m_{101}^{(11)}m_{012}^{(21)}m_{301}^{(10)}-m_{101}^{(11)}m_{012}^{(21)}m_{211}^{(00)}$$
$$-m_{101}^{(11)}m_{012}^{(22)}m_{400}^{(11)}+m_{101}^{(11)}m_{012}^{(22)}m_{220}^{(00)}-m_{101}^{(20)}m_{210}^{(10)}m_{031}^{(22)}+m_{101}^{(20)}m_{210}^{(10)}m_{013}^{(11)}$$
$$+m_{101}^{(20)}m_{210}^{(11)}m_{121}^{(22)}+m_{101}^{(20)}m_{210}^{(11)}m_{112}^{(21)}-m_{101}^{(20)}m_{210}^{(11)}m_{022}^{(20)}-m_{101}^{(20)}m_{210}^{(11)}m_{013}^{(10)}$$
$$+m_{101}^{(20)}m_{210}^{(20)}m_{040}^{(22)}-m_{101}^{(20)}m_{210}^{(20)}m_{022}^{(11)}-m_{101}^{(20)}m_{210}^{(21)}m_{130}^{(22)}-2m_{101}^{(20)}m_{210}^{(21)}m_{121}^{(21)}$$
$$-m_{101}^{(20)}m_{210}^{(21)}m_{112}^{(11)}+2m_{101}^{(20)}m_{210}^{(21)}m_{031}^{(20)}+2m_{101}^{(20)}m_{210}^{(21)}m_{022}^{(10)}+m_{101}^{(20)}m_{210}^{(22)}m_{130}^{(21)}$$
$$+m_{101}^{(20)}m_{210}^{(22)}m_{121}^{(11)}-m_{101}^{(20)}m_{210}^{(22)}m_{040}^{(20)}-m_{101}^{(20)}m_{210}^{(22)}m_{031}^{(10)}+2m_{101}^{(20)}m_{210}^{(10)}m_{201}^{(21)}m_{031}$$
$$-2m_{101}^{(20)}m_{201}^{(10)}m_{022}^{(11)}-2m_{101}^{(20)}m_{201}^{(11)}m_{121}^{(21)}+2m_{101}^{(20)}m_{201}^{(11)}m_{022}^{(10)}-2m_{101}^{(20)}m_{201}^{(20)}m_{040}^{(21)}$$
$$+2m_{101}^{(20)}m_{201}^{(20)}m_{031}^{(11)}+2m_{101}^{(20)}m_{201}^{(21)}m_{130}^{(21)}+2m_{101}^{(20)}m_{201}^{(21)}m_{121}^{(11)}-4m_{101}^{(20)}m_{201}^{(21)}m_{031}^{(10)}$$
$$-2m_{101}^{(20)}m_{201}^{(22)}m_{130}^{(11)}+2m_{101}^{(20)}m_{201}^{(22)}m_{040}^{(10)}-m_{101}^{(20)}m_{120}^{(00)}m_{031}^{(22)}+m_{101}^{(20)}m_{120}^{(00)}m_{013}^{(11)}$$
$$+4m_{101}^{(20)}m_{120}^{(10)}m_{121}^{(22)}-2m_{101}^{(20)}m_{120}^{(10)}m_{103}^{(11)}-2m_{101}^{(20)}m_{120}^{(10)}m_{013}^{(10)}-3m_{101}^{(20)}m_{120}^{(11)}m_{211}^{(22)}$$
$$-2m_{101}^{(20)}m_{120}^{(11)}m_{202}^{(21)}+2m_{101}^{(20)}m_{120}^{(11)}m_{112}^{(20)}+2m_{101}^{(20)}m_{120}^{(11)}m_{103}^{(10)}+m_{101}^{(20)}m_{120}^{(11)}m_{013}^{(00)}$$
$$-2m_{101}^{(20)}m_{120}^{(20)}m_{130}^{(22)}+2m_{101}^{(20)}m_{120}^{(20)}m_{022}^{(10)}+2m_{101}^{(20)}m_{120}^{(21)}m_{220}^{(22)}+4m_{101}^{(20)}m_{120}^{(21)}m_{211}^{(21)}$$
$$+2m_{101}^{(20)}m_{120}^{(21)}m_{202}^{(11)}-4m_{101}^{(20)}m_{120}^{(21)}m_{121}^{(20)}-2m_{101}^{(20)}m_{120}^{(21)}m_{112}^{(10)}-2m_{101}^{(20)}m_{120}^{(21)}m_{022}^{(00)}$$
$$-2m_{101}^{(20)}m_{120}^{(22)}m_{120}^{(21)}-m_{101}^{(20)}m_{120}^{(22)}m_{211}^{(11)}+2m_{101}^{(20)}m_{120}^{(22)}m_{130}^{(20)}+m_{101}^{(20)}m_{120}^{(22)}m_{031}^{(00)}$$
$$+m_{101}^{(20)}m_{111}^{(00)}m_{040}^{(22)}+2m_{101}^{(20)}m_{111}^{(00)}m_{031}^{(21)}-3m_{101}^{(20)}m_{111}^{(00)}m_{022}^{(11)}-2m_{101}^{(20)}m_{111}^{(10)}m_{130}^{(22)}$$
$$-8m_{101}^{(20)}m_{111}^{(10)}m_{121}^{(21)}+6m_{101}^{(20)}m_{111}^{(10)}m_{112}^{(11)}+4m_{101}^{(20)}m_{111}^{(10)}m_{022}^{(10)}+m_{101}^{(20)}m_{111}^{(11)}m_{220}^{(22)}$$
$$+6m_{101}^{(20)}m_{111}^{(11)}m_{211}^{(21)}-6m_{101}^{(20)}m_{111}^{(11)}m_{112}^{(10)}-m_{101}^{(20)}m_{111}^{(11)}m_{022}^{(00)}+4m_{101}^{(20)}m_{111}^{(20)}m_{130}^{(21)}$$
$$-4m_{101}^{(20)}m_{111}^{(20)}m_{031}^{(10)}-4m_{101}^{(20)}m_{111}^{(21)}m_{220}^{(21)}-6m_{101}^{(20)}m_{111}^{(21)}m_{211}^{(11)}+8m_{101}^{(20)}m_{111}^{(21)}m_{121}^{(10)}$$
$$+2m_{101}^{(20)}m_{111}^{(21)}m_{031}^{(00)}+3m_{101}^{(20)}m_{111}^{(22)}m_{220}^{(11)}-2m_{101}^{(20)}m_{111}^{(22)}m_{130}^{(10)}-m_{101}^{(20)}m_{111}^{(22)}m_{040}^{(00)}$$
$$-2m_{101}^{(20)}m_{102}^{(00)}m_{040}^{(21)}+2m_{101}^{(20)}m_{102}^{(00)}m_{031}^{(11)}+4m_{101}^{(20)}m_{102}^{(10)}m_{130}^{(21)}-2m_{101}^{(20)}m_{102}^{(10)}m_{121}^{(11)}$$
$$-2m_{101}^{(20)}m_{102}^{(10)}m_{031}^{(10)}-2m_{101}^{(20)}m_{102}^{(11)}m_{220}^{(21)}+2m_{101}^{(20)}m_{102}^{(11)}m_{121}^{(10)}-2m_{101}^{(20)}m_{102}^{(20)}m_{130}^{(11)}$$
$$+2m_{101}^{(20)}m_{102}^{(20)}m_{040}^{(10)}+2m_{101}^{(20)}m_{102}^{(21)}m_{220}^{(11)}-2m_{101}^{(20)}m_{102}^{(21)}m_{130}^{(10)}+m_{101}^{(20)}m_{030}^{(00)}m_{121}^{(22)}$$
$$-m_{101}^{(20)}m_{030}^{(00)}m_{112}^{(21)}+m_{101}^{(20)}m_{030}^{(00)}m_{022}^{(20)}-m_{101}^{(20)}m_{030}^{(00)}m_{013}^{(10)}-3m_{101}^{(20)}m_{030}^{(10)}m_{211}^{(22)}$$
$$+2m_{101}^{(20)}m_{030}^{(10)}m_{202}^{(21)}-2m_{101}^{(20)}m_{030}^{(10)}m_{112}^{(20)}+2m_{101}^{(20)}m_{030}^{(10)}m_{103}^{(10)}+m_{101}^{(20)}m_{030}^{(10)}m_{013}^{(00)}$$
$$+2m_{101}^{(20)}m_{030}^{(11)}m_{301}^{(22)}-2m_{101}^{(20)}m_{030}^{(11)}m_{103}^{(00)}+m_{101}^{(20)}m_{030}^{(20)}m_{220}^{(22)}-m_{101}^{(20)}m_{030}^{(20)}m_{022}^{(00)}$$
$$-m_{101}^{(20)}m_{030}^{(21)}m_{310}^{(22)}-2m_{101}^{(20)}m_{030}^{(21)}m_{301}^{(21)}+2m_{101}^{(20)}m_{030}^{(21)}m_{211}^{(20)}-2m_{101}^{(20)}m_{030}^{(21)}m_{202}^{(10)}$$
$$+3m_{101}^{(20)}m_{030}^{(21)}m_{112}^{(00)}+m_{101}^{(20)}m_{030}^{(22)}m_{310}^{(21)}-m_{101}^{(20)}m_{030}^{(22)}m_{220}^{(20)}+m_{101}^{(20)}m_{030}^{(22)}m_{211}^{(10)}$$
$$-m_{101}^{(20)}m_{030}^{(22)}m_{121}^{(00)}-m_{101}^{(20)}m_{021}^{(00)}m_{130}^{(22)}+m_{101}^{(20)}m_{021}^{(00)}m_{112}^{(11)}-2m_{101}^{(20)}m_{021}^{(00)}m_{031}^{(20)}$$

$$
\begin{aligned}
&+2m_{101}^{(20)}m_{021}^{(00)}m_{022}^{(10)} + 2m_{101}^{(20)}m_{021}^{(10)}m_{220}^{(22)} + 2m_{101}^{(20)}m_{021}^{(10)}m_{211}^{(21)} - 2m_{101}^{(20)}m_{021}^{(10)}m_{202}^{(11)}\\
&+4m_{101}^{(20)}m_{021}^{(10)}m_{121}^{(20)} - 4m_{101}^{(20)}m_{021}^{(10)}m_{112}^{(10)} - 2m_{101}^{(20)}m_{021}^{(10)}m_{022}^{(00)} - m_{101}^{(20)}m_{021}^{(11)}m_{310}^{(22)}\\
&-2m_{101}^{(20)}m_{021}^{(11)}m_{301}^{(21)} - 2m_{101}^{(20)}m_{021}^{(11)}m_{211}^{(20)} + 2m_{101}^{(20)}m_{021}^{(11)}m_{202}^{(10)} + 3m_{101}^{(20)}m_{021}^{(11)}m_{112}^{(00)}\\
&-2m_{101}^{(20)}m_{021}^{(20)}m_{220}^{(21)} + 2m_{101}^{(20)}m_{021}^{(20)}m_{031}^{(00)} + 2m_{101}^{(20)}m_{021}^{(21)}m_{310}^{(21)} + 2m_{101}^{(20)}m_{021}^{(21)}m_{301}^{(11)}\\
&-4m_{101}^{(20)}m_{021}^{(21)}m_{121}^{(00)} - m_{101}^{(20)}m_{021}^{(22)}m_{310}^{(11)} + m_{101}^{(20)}m_{021}^{(22)}m_{130}^{(00)} + m_{101}^{(20)}m_{012}^{(00)}m_{130}^{(21)}\\
&-m_{101}^{(20)}m_{012}^{(00)}m_{121}^{(11)} + m_{101}^{(20)}m_{012}^{(00)}m_{040}^{(20)} - m_{101}^{(20)}m_{012}^{(00)}m_{031}^{(10)} - 2m_{101}^{(20)}m_{012}^{(10)}m_{220}^{(21)}\\
&+m_{101}^{(20)}m_{012}^{(10)}m_{211}^{(11)} - 2m_{101}^{(20)}m_{012}^{(10)}m_{130}^{(20)} + 2m_{101}^{(20)}m_{012}^{(10)}m_{121}^{(10)} + m_{101}^{(20)}m_{012}^{(10)}m_{031}^{(00)}\\
&+m_{101}^{(20)}m_{012}^{(11)}m_{310}^{(21)} + m_{101}^{(20)}m_{012}^{(11)}m_{220}^{(20)} - m_{101}^{(20)}m_{012}^{(11)}m_{211}^{(10)} - m_{101}^{(20)}m_{012}^{(11)}m_{121}^{(00)}\\
&+m_{101}^{(20)}m_{012}^{(20)}m_{220}^{(11)} - m_{101}^{(20)}m_{012}^{(20)}m_{040}^{(00)} - m_{101}^{(20)}m_{012}^{(21)}m_{310}^{(11)} + m_{101}^{(20)}m_{012}^{(21)}m_{130}^{(00)}\\
&+2m_{101}^{(21)}m_{210}^{(00)}m_{031}^{(22)} - 2m_{101}^{(21)}m_{210}^{(00)}m_{013}^{(11)} - 3m_{101}^{(21)}m_{210}^{(10)}m_{121}^{(22)} - 2m_{101}^{(21)}m_{210}^{(10)}m_{112}^{(21)}\\
&+m_{101}^{(21)}m_{210}^{(10)}m_{103}^{(11)} + 2m_{101}^{(21)}m_{210}^{(10)}m_{022}^{(20)} + 2m_{101}^{(21)}m_{210}^{(10)}m_{013}^{(10)} + m_{101}^{(21)}m_{210}^{(11)}m_{211}^{(22)}\\
&+m_{101}^{(21)}m_{210}^{(11)}m_{202}^{(21)} - m_{101}^{(21)}m_{210}^{(11)}m_{112}^{(20)} - m_{101}^{(21)}m_{210}^{(11)}m_{103}^{(10)} - m_{101}^{(21)}m_{210}^{(20)}m_{130}^{(22)}\\
&+2m_{101}^{(21)}m_{210}^{(20)}m_{121}^{(21)} + 3m_{101}^{(21)}m_{210}^{(20)}m_{112}^{(11)} - 2m_{101}^{(21)}m_{210}^{(20)}m_{031}^{(20)} - 2m_{101}^{(21)}m_{210}^{(20)}m_{022}^{(10)}\\
&+m_{101}^{(21)}m_{210}^{(21)}m_{220}^{(22)} - m_{101}^{(21)}m_{210}^{(21)}m_{202}^{(11)} - m_{101}^{(21)}m_{210}^{(22)}m_{220}^{(21)} - m_{101}^{(21)}m_{210}^{(22)}m_{211}^{(11)}\\
&+m_{101}^{(21)}m_{210}^{(22)}m_{130}^{(20)} + m_{101}^{(21)}m_{210}^{(22)}m_{121}^{(10)} - 4m_{101}^{(21)}m_{201}^{(00)}m_{031}^{(21)} + 4m_{101}^{(21)}m_{201}^{(00)}m_{022}^{(11)}\\
&+6m_{101}^{(21)}m_{201}^{(10)}m_{121}^{(21)} - 2m_{101}^{(21)}m_{201}^{(10)}m_{112}^{(11)} - 4m_{101}^{(21)}m_{201}^{(10)}m_{022}^{(10)} - 2m_{101}^{(21)}m_{201}^{(11)}m_{211}^{(21)}\\
&+2m_{101}^{(21)}m_{201}^{(11)}m_{112}^{(10)} + 2m_{101}^{(21)}m_{201}^{(20)}m_{130}^{(21)} - 6m_{101}^{(21)}m_{201}^{(20)}m_{121}^{(11)} + 4m_{101}^{(21)}m_{201}^{(20)}m_{031}^{(10)}\\
&-2m_{101}^{(21)}m_{201}^{(21)}m_{220}^{(21)} + 2m_{101}^{(21)}m_{201}^{(21)}m_{211}^{(11)} + 2m_{101}^{(21)}m_{201}^{(22)}m_{220}^{(11)} - 2m_{101}^{(21)}m_{201}^{(22)}m_{130}^{(10)}\\
&-3m_{101}^{(21)}m_{120}^{(00)}m_{121}^{(22)} + 2m_{101}^{(21)}m_{120}^{(00)}m_{112}^{(21)} + m_{101}^{(21)}m_{120}^{(00)}m_{103}^{(11)} - 2m_{101}^{(21)}m_{120}^{(00)}m_{022}^{(20)}\\
&+2m_{101}^{(21)}m_{120}^{(00)}m_{013}^{(10)} + 4m_{101}^{(21)}m_{120}^{(10)}m_{211}^{(22)} - 2m_{101}^{(21)}m_{120}^{(10)}m_{103}^{(10)} - 2m_{101}^{(21)}m_{120}^{(10)}m_{013}^{(00)}\\
&-m_{101}^{(21)}m_{120}^{(11)}m_{301}^{(22)} + m_{101}^{(21)}m_{120}^{(11)}m_{103}^{(00)} + 2m_{101}^{(21)}m_{120}^{(20)}m_{220}^{(22)} - 4m_{101}^{(21)}m_{120}^{(20)}m_{211}^{(21)}\\
&-2m_{101}^{(21)}m_{120}^{(20)}m_{202}^{(11)} + 4m_{101}^{(21)}m_{120}^{(20)}m_{121}^{(20)} - 2m_{101}^{(21)}m_{120}^{(20)}m_{112}^{(10)} + 2m_{101}^{(21)}m_{120}^{(20)}m_{022}^{(00)}\\
&-2m_{101}^{(21)}m_{120}^{(21)}m_{310}^{(22)} + 2m_{101}^{(21)}m_{120}^{(21)}m_{202}^{(10)} + 2m_{101}^{(21)}m_{120}^{(22)}m_{310}^{(21)} + m_{101}^{(21)}m_{120}^{(22)}m_{301}^{(11)}\\
&-2m_{101}^{(21)}m_{120}^{(22)}m_{220}^{(20)} - m_{101}^{(21)}m_{120}^{(22)}m_{121}^{(00)} - m_{101}^{(21)}m_{111}^{(00)}m_{130}^{(22)} + 4m_{101}^{(21)}m_{111}^{(00)}m_{121}^{(21)}\\
&-3m_{101}^{(21)}m_{111}^{(00)}m_{112}^{(11)} + 2m_{101}^{(21)}m_{111}^{(00)}m_{031}^{(20)} - 2m_{101}^{(21)}m_{111}^{(00)}m_{022}^{(10)} + 2m_{101}^{(21)}m_{111}^{(10)}m_{220}^{(22)}\\
&-4m_{101}^{(21)}m_{111}^{(10)}m_{211}^{(21)} - 4m_{101}^{(21)}m_{111}^{(10)}m_{121}^{(20)} + 4m_{101}^{(21)}m_{111}^{(10)}m_{112}^{(10)} + 2m_{101}^{(21)}m_{111}^{(10)}m_{022}^{(00)}\\
&-m_{101}^{(21)}m_{111}^{(11)}m_{310}^{(22)} + 2m_{101}^{(21)}m_{111}^{(11)}m_{211}^{(20)} - m_{101}^{(21)}m_{111}^{(11)}m_{112}^{(00)} - 4m_{101}^{(21)}m_{111}^{(20)}m_{220}^{(21)}\\
&+6m_{101}^{(21)}m_{111}^{(20)}m_{211}^{(11)} - 2m_{101}^{(21)}m_{111}^{(20)}m_{031}^{(00)} + 4m_{101}^{(21)}m_{111}^{(21)}m_{310}^{(21)} - 4m_{101}^{(21)}m_{111}^{(21)}m_{211}^{(10)}\\
&-3m_{101}^{(21)}m_{111}^{(22)}m_{310}^{(11)} + 2m_{101}^{(21)}m_{111}^{(22)}m_{220}^{(10)} + m_{101}^{(21)}m_{111}^{(22)}m_{130}^{(00)} + 2m_{101}^{(21)}m_{102}^{(00)}m_{130}^{(21)}\\
&-2m_{101}^{(21)}m_{102}^{(00)}m_{121}^{(11)} - 4m_{101}^{(21)}m_{102}^{(10)}m_{220}^{(21)} + 2m_{101}^{(21)}m_{102}^{(10)}m_{211}^{(11)} + 2m_{101}^{(21)}m_{102}^{(10)}m_{121}^{(10)}\\
&+2m_{101}^{(21)}m_{102}^{(11)}m_{310}^{(21)} - 2m_{101}^{(21)}m_{102}^{(11)}m_{211}^{(10)} + 2m_{101}^{(21)}m_{102}^{(20)}m_{220}^{(11)} - 2m_{101}^{(21)}m_{102}^{(20)}m_{130}^{(10)}\\
&-2m_{101}^{(21)}m_{102}^{(21)}m_{310}^{(11)} + 2m_{101}^{(21)}m_{102}^{(21)}m_{220}^{(10)} + m_{101}^{(21)}m_{030}^{(00)}m_{211}^{(22)} - m_{101}^{(21)}m_{030}^{(00)}m_{202}^{(21)}\\
&+m_{101}^{(21)}m_{030}^{(00)}m_{112}^{(20)} - m_{101}^{(21)}m_{030}^{(00)}m_{103}^{(10)} - m_{101}^{(21)}m_{030}^{(10)}m_{301}^{(22)} + m_{101}^{(21)}m_{030}^{(10)}m_{103}^{(00)}\\
&-m_{101}^{(21)}m_{030}^{(20)}m_{310}^{(22)} + 2m_{101}^{(21)}m_{030}^{(20)}m_{301}^{(21)} - 2m_{101}^{(21)}m_{030}^{(20)}m_{211}^{(20)} + 2m_{101}^{(21)}m_{030}^{(20)}m_{202}^{(10)}\\
&-m_{101}^{(21)}m_{030}^{(20)}m_{112}^{(00)} + m_{101}^{(21)}m_{030}^{(21)}m_{400}^{(22)} - m_{101}^{(21)}m_{030}^{(21)}m_{202}^{(00)} - m_{101}^{(21)}m_{030}^{(22)}m_{400}^{(21)}\\
&+m_{101}^{(21)}m_{030}^{(22)}m_{310}^{(20)} - m_{101}^{(21)}m_{030}^{(22)}m_{301}^{(10)} + m_{101}^{(21)}m_{030}^{(22)}m_{211}^{(00)} + m_{101}^{(21)}m_{021}^{(00)}m_{220}^{(22)}\\
&-2m_{101}^{(21)}m_{021}^{(00)}m_{211}^{(21)} + m_{101}^{(21)}m_{021}^{(00)}m_{202}^{(11)} - 2m_{101}^{(21)}m_{021}^{(10)}m_{310}^{(22)} + 2m_{101}^{(21)}m_{021}^{(10)}m_{301}^{(21)}\\
&+m_{101}^{(21)}m_{021}^{(11)}m_{400}^{(22)} - m_{101}^{(21)}m_{021}^{(11)}m_{202}^{(00)} + 2m_{101}^{(21)}m_{021}^{(20)}m_{310}^{(21)} - 2m_{101}^{(21)}m_{021}^{(20)}m_{301}^{(11)}
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\begin{aligned}
&-2m_{101}^{(21)}m_{021}^{(21)}m_{400}^{(21)} + 2m_{101}^{(21)}m_{021}^{(21)}m_{211}^{(00)} + m_{101}^{(21)}m_{021}^{(22)}m_{400}^{(11)} - m_{101}^{(21)}m_{021}^{(22)}m_{220}^{(00)}\\
&-m_{101}^{(21)}m_{012}^{(00)}m_{220}^{(21)} + m_{101}^{(21)}m_{012}^{(00)}m_{211}^{(11)} - m_{101}^{(21)}m_{012}^{(00)}m_{130}^{(20)} + m_{101}^{(21)}m_{012}^{(00)}m_{121}^{(10)}\\
&+2m_{101}^{(21)}m_{012}^{(10)}m_{310}^{(21)} - m_{101}^{(21)}m_{012}^{(10)}m_{301}^{(11)} + 2m_{101}^{(21)}m_{012}^{(10)}m_{220}^{(20)} - 2m_{101}^{(21)}m_{012}^{(10)}m_{211}^{(10)}\\
&-m_{101}^{(21)}m_{012}^{(10)}m_{121}^{(00)} - m_{101}^{(21)}m_{012}^{(11)}m_{400}^{(21)} - m_{101}^{(21)}m_{012}^{(11)}m_{310}^{(20)} + m_{101}^{(21)}m_{012}^{(11)}m_{301}^{(10)}\\
&+m_{101}^{(21)}m_{012}^{(11)}m_{211}^{(00)} - m_{101}^{(21)}m_{012}^{(20)}m_{310}^{(11)} + m_{101}^{(21)}m_{012}^{(20)}m_{130}^{(00)} + m_{101}^{(21)}m_{012}^{(21)}m_{400}^{(11)}\\
&-m_{101}^{(21)}m_{012}^{(21)}m_{220}^{(00)} - m_{101}^{(22)}m_{210}^{(00)}m_{040}^{(22)} + m_{101}^{(22)}m_{210}^{(00)}m_{022}^{(11)} + 2m_{101}^{(22)}m_{210}^{(10)}m_{130}^{(22)}\\
&+m_{101}^{(22)}m_{210}^{(10)}m_{121}^{(21)} - m_{101}^{(22)}m_{210}^{(10)}m_{112}^{(11)} - m_{101}^{(22)}m_{210}^{(10)}m_{031}^{(20)} - m_{101}^{(22)}m_{210}^{(10)}m_{022}^{(10)}\\
&-m_{101}^{(22)}m_{210}^{(11)}m_{220}^{(22)} - m_{101}^{(22)}m_{210}^{(11)}m_{211}^{(21)} + m_{101}^{(22)}m_{210}^{(11)}m_{121}^{(20)} + m_{101}^{(22)}m_{210}^{(11)}m_{112}^{(10)}\\
&-m_{101}^{(22)}m_{210}^{(20)}m_{130}^{(21)} - m_{101}^{(22)}m_{210}^{(20)}m_{121}^{(11)} + m_{101}^{(22)}m_{210}^{(20)}m_{040}^{(20)} + m_{101}^{(22)}m_{210}^{(20)}m_{031}^{(10)}\\
&+m_{101}^{(22)}m_{210}^{(21)}m_{220}^{(21)} + m_{101}^{(22)}m_{210}^{(21)}m_{211}^{(11)} - m_{101}^{(22)}m_{210}^{(21)}m_{130}^{(20)} - m_{101}^{(22)}m_{210}^{(21)}m_{121}^{(10)}\\
&+2m_{101}^{(22)}m_{201}^{(00)}m_{040}^{(21)} - 2m_{101}^{(22)}m_{201}^{(00)}m_{031}^{(11)} - 4m_{101}^{(22)}m_{201}^{(10)}m_{130}^{(21)} + 2m_{101}^{(22)}m_{201}^{(10)}m_{121}^{(11)}\\
&+2m_{101}^{(22)}m_{201}^{(10)}m_{031}^{(10)} + 2m_{101}^{(22)}m_{201}^{(11)}m_{220}^{(21)} - 2m_{101}^{(22)}m_{201}^{(11)}m_{121}^{(10)} + 2m_{101}^{(22)}m_{201}^{(20)}m_{130}^{(11)}\\
&-2m_{101}^{(22)}m_{201}^{(20)}m_{040}^{(10)} - 2m_{101}^{(22)}m_{201}^{(21)}m_{220}^{(11)} + 2m_{101}^{(22)}m_{201}^{(21)}m_{130}^{(10)} + 2m_{101}^{(22)}m_{120}^{(00)}m_{130}^{(22)}\\
&-m_{101}^{(22)}m_{120}^{(00)}m_{121}^{(21)} - m_{101}^{(22)}m_{120}^{(00)}m_{112}^{(11)} + m_{101}^{(22)}m_{120}^{(00)}m_{031}^{(20)} - m_{101}^{(22)}m_{120}^{(00)}m_{022}^{(10)}\\
&-4m_{101}^{(22)}m_{120}^{(10)}m_{220}^{(22)} + m_{101}^{(22)}m_{120}^{(10)}m_{202}^{(11)} + 2m_{101}^{(22)}m_{120}^{(10)}m_{112}^{(10)} + m_{101}^{(22)}m_{120}^{(10)}m_{022}^{(00)}\\
&+2m_{101}^{(22)}m_{120}^{(11)}m_{310}^{(22)} + m_{101}^{(22)}m_{120}^{(11)}m_{301}^{(21)} - m_{101}^{(22)}m_{120}^{(11)}m_{211}^{(20)} - m_{101}^{(22)}m_{120}^{(11)}m_{202}^{(10)}\\
&-m_{101}^{(22)}m_{120}^{(11)}m_{112}^{(00)} + 2m_{101}^{(22)}m_{120}^{(20)}m_{220}^{(21)} + m_{101}^{(22)}m_{120}^{(20)}m_{211}^{(11)} - 2m_{101}^{(22)}m_{120}^{(20)}m_{130}^{(20)}\\
&-m_{101}^{(22)}m_{120}^{(20)}m_{031}^{(00)} - 2m_{101}^{(22)}m_{120}^{(21)}m_{310}^{(21)} - m_{101}^{(22)}m_{120}^{(21)}m_{301}^{(11)} + 2m_{101}^{(22)}m_{120}^{(21)}m_{220}^{(20)}\\
&+m_{101}^{(22)}m_{120}^{(21)}m_{121}^{(00)} - 3m_{101}^{(22)}m_{111}^{(00)}m_{130}^{(21)} + 3m_{101}^{(22)}m_{111}^{(00)}m_{121}^{(11)} - m_{101}^{(22)}m_{111}^{(00)}m_{040}^{(20)}\\
&+m_{101}^{(22)}m_{111}^{(00)}m_{031}^{(10)} + 6m_{101}^{(22)}m_{111}^{(10)}m_{220}^{(21)} - 3m_{101}^{(22)}m_{111}^{(10)}m_{211}^{(11)} + 2m_{101}^{(22)}m_{111}^{(10)}m_{130}^{(20)}\\
&-4m_{101}^{(22)}m_{111}^{(10)}m_{121}^{(10)} - m_{101}^{(22)}m_{111}^{(10)}m_{031}^{(00)} - 3m_{101}^{(22)}m_{111}^{(11)}m_{310}^{(21)} - m_{101}^{(22)}m_{111}^{(11)}m_{220}^{(20)}\\
&+3m_{101}^{(22)}m_{111}^{(11)}m_{211}^{(10)} + m_{101}^{(22)}m_{111}^{(11)}m_{121}^{(00)} - 3m_{101}^{(22)}m_{111}^{(20)}m_{220}^{(11)} + 2m_{101}^{(22)}m_{111}^{(20)}m_{130}^{(10)}\\
&+m_{101}^{(22)}m_{111}^{(20)}m_{040}^{(00)} + 3m_{101}^{(22)}m_{111}^{(21)}m_{310}^{(11)} - 2m_{101}^{(22)}m_{111}^{(21)}m_{220}^{(10)} - m_{101}^{(22)}m_{111}^{(21)}m_{130}^{(00)}\\
&-m_{101}^{(22)}m_{030}^{(00)}m_{220}^{(22)} + m_{101}^{(22)}m_{030}^{(00)}m_{211}^{(21)} - m_{101}^{(22)}m_{030}^{(00)}m_{121}^{(20)} + m_{101}^{(22)}m_{030}^{(00)}m_{112}^{(10)}\\
&+2m_{101}^{(22)}m_{030}^{(10)}m_{310}^{(22)} - m_{101}^{(22)}m_{030}^{(10)}m_{301}^{(21)} + m_{101}^{(22)}m_{030}^{(10)}m_{211}^{(20)} - m_{101}^{(22)}m_{030}^{(10)}m_{202}^{(10)}\\
&-m_{101}^{(22)}m_{030}^{(10)}m_{112}^{(00)} - m_{101}^{(22)}m_{030}^{(11)}m_{400}^{(22)} + m_{101}^{(22)}m_{030}^{(11)}m_{202}^{(00)} - m_{101}^{(22)}m_{030}^{(20)}m_{310}^{(21)}\\
&+m_{101}^{(22)}m_{030}^{(20)}m_{220}^{(20)} - m_{101}^{(22)}m_{030}^{(20)}m_{211}^{(10)} + m_{101}^{(22)}m_{030}^{(20)}m_{121}^{(00)} + m_{101}^{(22)}m_{030}^{(21)}m_{400}^{(21)}\\
&-m_{101}^{(22)}m_{030}^{(21)}m_{310}^{(20)} + m_{101}^{(22)}m_{030}^{(21)}m_{301}^{(10)} - m_{101}^{(22)}m_{030}^{(21)}m_{211}^{(00)} + m_{101}^{(22)}m_{021}^{(00)}m_{220}^{(21)}\\
&-m_{101}^{(22)}m_{021}^{(00)}m_{211}^{(11)} + m_{101}^{(22)}m_{021}^{(00)}m_{130}^{(20)} - m_{101}^{(22)}m_{021}^{(00)}m_{121}^{(10)} - 2m_{101}^{(22)}m_{021}^{(10)}m_{310}^{(21)}\\
&+m_{101}^{(22)}m_{021}^{(10)}m_{301}^{(11)} - 2m_{101}^{(22)}m_{021}^{(10)}m_{220}^{(20)} + 2m_{101}^{(22)}m_{021}^{(10)}m_{211}^{(10)} + m_{101}^{(22)}m_{021}^{(10)}m_{121}^{(00)}\\
&+m_{101}^{(22)}m_{021}^{(11)}m_{400}^{(21)} + m_{101}^{(22)}m_{021}^{(11)}m_{310}^{(20)} - m_{101}^{(22)}m_{021}^{(11)}m_{301}^{(10)} - m_{101}^{(22)}m_{021}^{(11)}m_{211}^{(00)}\\
&+m_{101}^{(22)}m_{021}^{(20)}m_{310}^{(11)} - m_{101}^{(22)}m_{021}^{(20)}m_{130}^{(00)} - m_{101}^{(22)}m_{021}^{(21)}m_{400}^{(11)} + m_{101}^{(22)}m_{021}^{(21)}m_{220}^{(00)}\\
&-m_{020}^{(00)}m_{210}^{(10)}m_{013}^{(22)} + m_{020}^{(00)}m_{210}^{(10)}m_{004}^{(21)} + m_{020}^{(00)}m_{210}^{(11)}m_{103}^{(22)} - m_{020}^{(00)}m_{210}^{(11)}m_{004}^{(20)}\\
&+m_{020}^{(00)}m_{210}^{(20)}m_{022}^{(22)} - m_{020}^{(00)}m_{210}^{(20)}m_{013}^{(21)} - m_{020}^{(00)}m_{210}^{(21)}m_{112}^{(22)} - m_{020}^{(00)}m_{210}^{(21)}m_{103}^{(21)}\\
&+2m_{020}^{(00)}m_{210}^{(21)}m_{013}^{(20)} + m_{020}^{(00)}m_{210}^{(22)}m_{112}^{(21)} - m_{020}^{(00)}m_{210}^{(22)}m_{022}^{(20)} + m_{020}^{(00)}m_{201}^{(10)}m_{022}^{(22)}\\
&-m_{020}^{(00)}m_{201}^{(10)}m_{013}^{(21)} - m_{020}^{(00)}m_{201}^{(11)}m_{112}^{(22)} + m_{020}^{(00)}m_{201}^{(11)}m_{013}^{(20)} - m_{020}^{(00)}m_{201}^{(20)}m_{031}^{(22)}\\
&+m_{020}^{(00)}m_{201}^{(20)}m_{022}^{(21)} + m_{020}^{(00)}m_{201}^{(21)}m_{121}^{(22)} + m_{020}^{(00)}m_{201}^{(21)}m_{112}^{(21)} - 2m_{020}^{(00)}m_{201}^{(21)}m_{022}^{(20)}\\
&-m_{020}^{(00)}m_{201}^{(22)}m_{121}^{(21)} + m_{020}^{(00)}m_{201}^{(22)}m_{031}^{(20)} + m_{020}^{(00)}m_{111}^{(10)}m_{112}^{(22)} - m_{020}^{(00)}m_{111}^{(10)}m_{103}^{(21)}
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\begin{aligned}
&+m_{020}^{(00)}m_{111}^{(10)}m_{013}^{(20)} - m_{020}^{(00)}m_{111}^{(10)}m_{004}^{(10)} - m_{020}^{(00)}m_{111}^{(11)}m_{202}^{(22)} + m_{020}^{(00)}m_{111}^{(11)}m_{004}^{(00)}\\
&-m_{020}^{(00)}m_{111}^{(20)}m_{121}^{(22)} + m_{020}^{(00)}m_{111}^{(20)}m_{112}^{(21)} - m_{020}^{(00)}m_{111}^{(20)}m_{022}^{(20)} + m_{020}^{(00)}m_{111}^{(20)}m_{013}^{(10)}\\
&+m_{020}^{(00)}m_{111}^{(21)}m_{211}^{(22)} + m_{020}^{(00)}m_{111}^{(21)}m_{202}^{(21)} - m_{020}^{(00)}m_{111}^{(21)}m_{112}^{(20)} + m_{020}^{(00)}m_{111}^{(21)}m_{103}^{(10)}\\
&-2m_{020}^{(00)}m_{111}^{(21)}m_{013}^{(00)} - m_{020}^{(00)}m_{111}^{(22)}m_{211}^{(21)} + m_{020}^{(00)}m_{111}^{(22)}m_{121}^{(20)} - m_{020}^{(00)}m_{111}^{(22)}m_{112}^{(10)}\\
&+m_{020}^{(00)}m_{111}^{(22)}m_{022}^{(00)} - m_{020}^{(00)}m_{102}^{(10)}m_{121}^{(22)} + m_{020}^{(00)}m_{102}^{(10)}m_{112}^{(21)} - m_{020}^{(00)}m_{102}^{(10)}m_{022}^{(20)}\\
&+m_{020}^{(00)}m_{102}^{(10)}m_{013}^{(10)} + m_{020}^{(00)}m_{102}^{(11)}m_{211}^{(22)} - m_{020}^{(00)}m_{102}^{(11)}m_{013}^{(00)} + m_{020}^{(00)}m_{102}^{(20)}m_{130}^{(22)}\\
&-m_{020}^{(00)}m_{102}^{(20)}m_{121}^{(21)} + m_{020}^{(00)}m_{102}^{(20)}m_{031}^{(20)} - m_{020}^{(00)}m_{102}^{(20)}m_{022}^{(10)} - m_{020}^{(00)}m_{102}^{(21)}m_{220}^{(22)}\\
&-m_{020}^{(00)}m_{102}^{(21)}m_{211}^{(21)} + m_{020}^{(00)}m_{102}^{(21)}m_{121}^{(20)} - m_{020}^{(00)}m_{102}^{(21)}m_{112}^{(10)} + 2m_{020}^{(00)}m_{102}^{(21)}m_{022}^{(00)}\\
&+m_{020}^{(00)}m_{102}^{(22)}m_{220}^{(21)} - m_{020}^{(00)}m_{102}^{(22)}m_{130}^{(20)} + m_{020}^{(00)}m_{102}^{(22)}m_{121}^{(10)} - m_{020}^{(00)}m_{102}^{(22)}m_{031}^{(00)}\\
&-m_{020}^{(00)}m_{012}^{(10)}m_{112}^{(20)} + m_{020}^{(00)}m_{012}^{(10)}m_{103}^{(10)} + m_{020}^{(00)}m_{012}^{(11)}m_{202}^{(20)} - m_{020}^{(00)}m_{012}^{(11)}m_{103}^{(00)}\\
&+m_{020}^{(00)}m_{012}^{(20)}m_{121}^{(20)} - m_{020}^{(00)}m_{012}^{(20)}m_{112}^{(10)} - m_{020}^{(00)}m_{012}^{(21)}m_{211}^{(20)} - m_{020}^{(00)}m_{012}^{(21)}m_{202}^{(10)}\\
&+2m_{020}^{(00)}m_{012}^{(21)}m_{112}^{(00)} + m_{020}^{(00)}m_{012}^{(22)}m_{211}^{(10)} - m_{020}^{(00)}m_{012}^{(22)}m_{121}^{(00)} + m_{020}^{(00)}m_{003}^{(10)}m_{121}^{(20)}\\
&-m_{020}^{(00)}m_{003}^{(10)}m_{112}^{(10)} - m_{020}^{(00)}m_{003}^{(11)}m_{211}^{(20)} + m_{020}^{(00)}m_{003}^{(11)}m_{112}^{(00)} - m_{020}^{(00)}m_{003}^{(20)}m_{130}^{(20)}\\
&+m_{020}^{(00)}m_{003}^{(20)}m_{121}^{(10)} + m_{020}^{(00)}m_{003}^{(21)}m_{220}^{(20)} + m_{020}^{(00)}m_{003}^{(21)}m_{211}^{(10)} - 2m_{020}^{(00)}m_{003}^{(21)}m_{121}^{(00)}\\
&-m_{020}^{(00)}m_{003}^{(22)}m_{220}^{(10)} + m_{020}^{(00)}m_{003}^{(22)}m_{130}^{(00)} + m_{020}^{(10)}m_{300}^{(10)}m_{013}^{(22)} - m_{020}^{(10)}m_{300}^{(10)}m_{004}^{(21)}\\
&-m_{020}^{(10)}m_{300}^{(11)}m_{103}^{(22)} + m_{020}^{(10)}m_{300}^{(11)}m_{004}^{(20)} - m_{020}^{(10)}m_{300}^{(20)}m_{022}^{(22)} + m_{020}^{(10)}m_{300}^{(20)}m_{013}^{(21)}\\
&+m_{020}^{(10)}m_{300}^{(21)}m_{112}^{(22)} + m_{020}^{(10)}m_{300}^{(21)}m_{103}^{(21)} - 2m_{020}^{(10)}m_{300}^{(21)}m_{013}^{(20)} - m_{020}^{(10)}m_{300}^{(22)}m_{112}^{(21)}\\
&+m_{020}^{(10)}m_{300}^{(22)}m_{022}^{(20)} + m_{020}^{(10)}m_{210}^{(00)}m_{013}^{(22)} - m_{020}^{(10)}m_{210}^{(00)}m_{004}^{(21)} - m_{020}^{(10)}m_{210}^{(10)}m_{103}^{(22)}\\
&+m_{020}^{(10)}m_{210}^{(10)}m_{004}^{(20)} - m_{020}^{(10)}m_{210}^{(20)}m_{112}^{(22)} + 2m_{020}^{(10)}m_{210}^{(20)}m_{103}^{(21)} - m_{020}^{(10)}m_{210}^{(20)}m_{013}^{(20)}\\
&+m_{020}^{(10)}m_{210}^{(21)}m_{202}^{(22)} - m_{020}^{(10)}m_{210}^{(21)}m_{103}^{(20)} - m_{020}^{(10)}m_{210}^{(22)}m_{202}^{(21)} + m_{020}^{(10)}m_{210}^{(22)}m_{112}^{(20)}\\
&-m_{020}^{(10)}m_{201}^{(00)}m_{022}^{(22)} + m_{020}^{(10)}m_{201}^{(00)}m_{013}^{(21)} - m_{020}^{(10)}m_{201}^{(10)}m_{112}^{(22)} + 2m_{020}^{(10)}m_{201}^{(10)}m_{103}^{(21)}\\
&-2m_{020}^{(10)}m_{201}^{(10)}m_{013}^{(20)} + m_{020}^{(10)}m_{201}^{(10)}m_{004}^{(10)} + 2m_{020}^{(10)}m_{201}^{(11)}m_{202}^{(22)} - m_{020}^{(10)}m_{201}^{(11)}m_{103}^{(20)}\\
&-m_{020}^{(10)}m_{201}^{(11)}m_{004}^{(00)} + 3m_{020}^{(10)}m_{201}^{(20)}m_{121}^{(22)} - 4m_{020}^{(10)}m_{201}^{(20)}m_{112}^{(21)} + 2m_{020}^{(10)}m_{201}^{(20)}m_{022}^{(20)}\\
&-m_{020}^{(10)}m_{201}^{(20)}m_{013}^{(10)} - 3m_{020}^{(10)}m_{201}^{(21)}m_{211}^{(22)} - 2m_{020}^{(10)}m_{201}^{(21)}m_{202}^{(21)} + 4m_{020}^{(10)}m_{201}^{(21)}m_{112}^{(20)}\\
&-m_{020}^{(10)}m_{201}^{(21)}m_{103}^{(10)} + 2m_{020}^{(10)}m_{201}^{(21)}m_{013}^{(00)} + 3m_{020}^{(10)}m_{201}^{(22)}m_{211}^{(21)} - 3m_{020}^{(10)}m_{201}^{(22)}m_{121}^{(20)}\\
&+m_{020}^{(10)}m_{201}^{(22)}m_{112}^{(10)} - m_{020}^{(10)}m_{201}^{(22)}m_{022}^{(00)} - m_{020}^{(10)}m_{111}^{(00)}m_{112}^{(22)} + m_{020}^{(10)}m_{111}^{(00)}m_{103}^{(21)}\\
&-m_{020}^{(10)}m_{111}^{(00)}m_{013}^{(20)} + m_{020}^{(10)}m_{111}^{(00)}m_{004}^{(10)} + m_{020}^{(10)}m_{111}^{(10)}m_{202}^{(22)} - m_{020}^{(10)}m_{111}^{(10)}m_{004}^{(00)}\\
&+m_{020}^{(10)}m_{111}^{(20)}m_{211}^{(22)} - 2m_{020}^{(10)}m_{111}^{(20)}m_{202}^{(21)} + 2m_{020}^{(10)}m_{111}^{(20)}m_{112}^{(20)} - 2m_{020}^{(10)}m_{111}^{(20)}m_{103}^{(10)}\\
&+m_{020}^{(10)}m_{111}^{(20)}m_{013}^{(00)} - m_{020}^{(10)}m_{111}^{(21)}m_{301}^{(22)} + m_{020}^{(10)}m_{111}^{(21)}m_{103}^{(00)} + m_{020}^{(10)}m_{111}^{(22)}m_{301}^{(21)}\\
&-m_{020}^{(10)}m_{111}^{(22)}m_{211}^{(20)} + m_{020}^{(10)}m_{111}^{(22)}m_{202}^{(10)} - m_{020}^{(10)}m_{111}^{(22)}m_{112}^{(00)} + m_{020}^{(10)}m_{102}^{(00)}m_{121}^{(22)}\\
&-m_{020}^{(10)}m_{102}^{(00)}m_{112}^{(21)} + m_{020}^{(10)}m_{102}^{(00)}m_{022}^{(20)} - m_{020}^{(10)}m_{102}^{(00)}m_{013}^{(10)} - m_{020}^{(10)}m_{102}^{(10)}m_{202}^{(21)}\\
&+2m_{020}^{(10)}m_{102}^{(10)}m_{112}^{(20)} - 2m_{020}^{(10)}m_{102}^{(10)}m_{103}^{(10)} + m_{020}^{(10)}m_{102}^{(10)}m_{013}^{(00)} - m_{020}^{(10)}m_{102}^{(11)}m_{301}^{(22)}\\
&-m_{020}^{(10)}m_{102}^{(11)}m_{202}^{(20)} + 2m_{020}^{(10)}m_{102}^{(11)}m_{103}^{(00)} - 2m_{020}^{(10)}m_{102}^{(20)}m_{220}^{(22)} + 3m_{020}^{(10)}m_{102}^{(20)}m_{211}^{(21)}\\
&-4m_{020}^{(10)}m_{102}^{(20)}m_{121}^{(20)} + 4m_{020}^{(10)}m_{102}^{(20)}m_{112}^{(10)} - m_{020}^{(10)}m_{102}^{(20)}m_{022}^{(00)} + 2m_{020}^{(10)}m_{102}^{(21)}m_{310}^{(22)}\\
&+m_{020}^{(10)}m_{102}^{(21)}m_{301}^{(21)} + 2m_{020}^{(10)}m_{102}^{(21)}m_{202}^{(10)} - 5m_{020}^{(10)}m_{102}^{(21)}m_{112}^{(00)} - 2m_{020}^{(10)}m_{102}^{(22)}m_{310}^{(21)}\\
&+2m_{020}^{(10)}m_{102}^{(22)}m_{220}^{(20)} - 3m_{020}^{(10)}m_{102}^{(22)}m_{211}^{(10)} + 3m_{020}^{(10)}m_{102}^{(22)}m_{121}^{(00)} + m_{020}^{(10)}m_{012}^{(00)}m_{112}^{(20)}\\
&-m_{020}^{(10)}m_{012}^{(00)}m_{103}^{(10)} - m_{020}^{(10)}m_{012}^{(10)}m_{202}^{(20)} + m_{020}^{(10)}m_{012}^{(10)}m_{103}^{(00)} - m_{020}^{(10)}m_{012}^{(20)}m_{211}^{(20)}\\
&+2m_{020}^{(10)}m_{012}^{(20)}m_{202}^{(10)} - m_{020}^{(10)}m_{012}^{(20)}m_{112}^{(00)} + m_{020}^{(10)}m_{012}^{(21)}m_{301}^{(20)} - m_{020}^{(10)}m_{012}^{(21)}m_{202}^{(00)}
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\begin{aligned}
&-m_{020}^{(10)}m_{012}^{(22)}m_{301}^{(10)}+m_{020}^{(10)}m_{012}^{(22)}m_{211}^{(00)}-m_{020}^{(10)}m_{003}^{(00)}m_{121}^{(20)}+m_{020}^{(10)}m_{003}^{(00)}m_{112}^{(10)}\\
&+m_{020}^{(10)}m_{003}^{(10)}m_{202}^{(10)}-m_{020}^{(10)}m_{003}^{(10)}m_{112}^{(00)}+m_{020}^{(10)}m_{003}^{(11)}m_{301}^{(20)}-m_{020}^{(10)}m_{003}^{(11)}m_{202}^{(00)}\\
&+2m_{020}^{(10)}m_{003}^{(20)}m_{220}^{(20)}-3m_{020}^{(10)}m_{003}^{(20)}m_{211}^{(10)}+m_{020}^{(10)}m_{003}^{(20)}m_{121}^{(00)}-2m_{020}^{(10)}m_{003}^{(21)}m_{310}^{(20)}\\
&-m_{020}^{(10)}m_{003}^{(21)}m_{301}^{(10)}+3m_{020}^{(10)}m_{003}^{(21)}m_{211}^{(00)}+2m_{020}^{(10)}m_{003}^{(22)}m_{310}^{(10)}-2m_{020}^{(10)}m_{003}^{(22)}m_{220}^{(00)}\\
&-m_{020}^{(11)}m_{300}^{(00)}m_{013}^{(22)}+m_{020}^{(11)}m_{300}^{(00)}m_{004}^{(21)}+m_{020}^{(11)}m_{300}^{(10)}m_{103}^{(22)}-m_{020}^{(11)}m_{300}^{(10)}m_{004}^{(20)}\\
&+m_{020}^{(11)}m_{300}^{(20)}m_{112}^{(22)}-2m_{020}^{(11)}m_{300}^{(20)}m_{103}^{(21)}+m_{020}^{(11)}m_{300}^{(20)}m_{013}^{(20)}-m_{020}^{(11)}m_{300}^{(21)}m_{202}^{(22)}\\
&+m_{020}^{(11)}m_{300}^{(21)}m_{103}^{(20)}+m_{020}^{(11)}m_{300}^{(22)}m_{202}^{(21)}-m_{020}^{(11)}m_{300}^{(22)}m_{112}^{(20)}+2m_{020}^{(11)}m_{201}^{(00)}m_{112}^{(22)}\\
&-2m_{020}^{(11)}m_{201}^{(00)}m_{103}^{(21)}+m_{020}^{(11)}m_{201}^{(00)}m_{013}^{(20)}-m_{020}^{(11)}m_{201}^{(00)}m_{004}^{(10)}-2m_{020}^{(11)}m_{201}^{(10)}m_{202}^{(22)}\\
&+m_{020}^{(11)}m_{201}^{(10)}m_{103}^{(20)}+m_{020}^{(11)}m_{201}^{(10)}m_{004}^{(00)}-2m_{020}^{(11)}m_{201}^{(20)}m_{211}^{(22)}+4m_{020}^{(11)}m_{201}^{(20)}m_{202}^{(21)}\\
&-3m_{020}^{(11)}m_{201}^{(20)}m_{112}^{(20)}+2m_{020}^{(11)}m_{201}^{(20)}m_{103}^{(10)}-m_{020}^{(11)}m_{201}^{(20)}m_{013}^{(00)}+2m_{020}^{(11)}m_{201}^{(21)}m_{301}^{(22)}\\
&-m_{020}^{(11)}m_{201}^{(21)}m_{202}^{(20)}-m_{020}^{(11)}m_{201}^{(21)}m_{103}^{(00)}-2m_{020}^{(11)}m_{201}^{(22)}m_{301}^{(21)}+2m_{020}^{(11)}m_{201}^{(22)}m_{211}^{(20)}\\
&-m_{020}^{(11)}m_{201}^{(22)}m_{202}^{(10)}+m_{020}^{(11)}m_{201}^{(22)}m_{112}^{(00)}-m_{020}^{(11)}m_{102}^{(00)}m_{211}^{(22)}+m_{020}^{(11)}m_{102}^{(00)}m_{202}^{(21)}\\
&-2m_{020}^{(11)}m_{102}^{(00)}m_{112}^{(20)}+2m_{020}^{(11)}m_{102}^{(00)}m_{103}^{(10)}+m_{020}^{(11)}m_{102}^{(10)}m_{301}^{(22)}+m_{020}^{(11)}m_{102}^{(10)}m_{202}^{(20)}\\
&-2m_{020}^{(11)}m_{102}^{(10)}m_{103}^{(00)}+m_{020}^{(11)}m_{102}^{(20)}m_{310}^{(22)}-2m_{020}^{(11)}m_{102}^{(20)}m_{301}^{(21)}+3m_{020}^{(11)}m_{102}^{(20)}m_{211}^{(20)}\\
&-4m_{020}^{(11)}m_{102}^{(20)}m_{202}^{(10)}+2m_{020}^{(11)}m_{102}^{(20)}m_{112}^{(00)}-m_{020}^{(11)}m_{102}^{(21)}m_{400}^{(22)}-m_{020}^{(11)}m_{102}^{(21)}m_{301}^{(20)}\\
&+2m_{020}^{(11)}m_{102}^{(21)}m_{202}^{(00)}+m_{020}^{(11)}m_{102}^{(22)}m_{400}^{(21)}-m_{020}^{(11)}m_{102}^{(22)}m_{310}^{(20)}+2m_{020}^{(11)}m_{102}^{(22)}m_{301}^{(10)}\\
&-2m_{020}^{(11)}m_{102}^{(22)}m_{211}^{(00)}+m_{020}^{(11)}m_{003}^{(00)}m_{211}^{(20)}-m_{020}^{(11)}m_{003}^{(00)}m_{202}^{(10)}-m_{020}^{(11)}m_{003}^{(10)}m_{301}^{(20)}\\
&+m_{020}^{(11)}m_{003}^{(10)}m_{202}^{(00)}-m_{020}^{(11)}m_{003}^{(20)}m_{310}^{(20)}+2m_{020}^{(11)}m_{003}^{(20)}m_{301}^{(10)}-m_{020}^{(11)}m_{003}^{(20)}m_{211}^{(00)}\\
&+m_{020}^{(11)}m_{003}^{(21)}m_{400}^{(20)}-m_{020}^{(11)}m_{003}^{(21)}m_{301}^{(00)}-m_{020}^{(11)}m_{003}^{(22)}m_{400}^{(10)}+m_{020}^{(11)}m_{003}^{(22)}m_{310}^{(00)}\\
&-m_{020}^{(20)}m_{300}^{(10)}m_{022}^{(22)}+m_{020}^{(20)}m_{300}^{(10)}m_{013}^{(21)}+m_{020}^{(20)}m_{300}^{(11)}m_{112}^{(22)}-m_{020}^{(20)}m_{300}^{(11)}m_{013}^{(20)}\\
&+m_{020}^{(20)}m_{300}^{(20)}m_{031}^{(22)}-m_{020}^{(20)}m_{300}^{(20)}m_{022}^{(21)}-m_{020}^{(20)}m_{300}^{(21)}m_{121}^{(22)}-m_{020}^{(20)}m_{300}^{(21)}m_{112}^{(21)}\\
&+2m_{020}^{(20)}m_{300}^{(21)}m_{022}^{(20)}+m_{020}^{(20)}m_{300}^{(22)}m_{121}^{(21)}-m_{020}^{(20)}m_{300}^{(22)}m_{031}^{(20)}-m_{020}^{(20)}m_{210}^{(00)}m_{022}^{(22)}\\
&+m_{020}^{(20)}m_{210}^{(00)}m_{013}^{(21)}+3m_{020}^{(20)}m_{210}^{(10)}m_{112}^{(22)}-2m_{020}^{(20)}m_{210}^{(10)}m_{103}^{(21)}-m_{020}^{(20)}m_{210}^{(10)}m_{013}^{(20)}\\
&-2m_{020}^{(20)}m_{210}^{(11)}m_{202}^{(22)}+2m_{020}^{(20)}m_{210}^{(11)}m_{103}^{(20)}-m_{020}^{(20)}m_{210}^{(20)}m_{121}^{(22)}+m_{020}^{(20)}m_{210}^{(20)}m_{022}^{(20)}\\
&+m_{020}^{(20)}m_{210}^{(21)}m_{211}^{(22)}+2m_{020}^{(20)}m_{210}^{(21)}m_{202}^{(21)}-3m_{020}^{(20)}m_{210}^{(21)}m_{112}^{(20)}-m_{020}^{(20)}m_{210}^{(22)}m_{211}^{(21)}\\
&+m_{020}^{(20)}m_{210}^{(22)}m_{121}^{(20)}+m_{020}^{(20)}m_{201}^{(00)}m_{031}^{(22)}-m_{020}^{(20)}m_{201}^{(00)}m_{022}^{(21)}-m_{020}^{(20)}m_{201}^{(10)}m_{121}^{(22)}\\
&+2m_{020}^{(20)}m_{201}^{(10)}m_{022}^{(20)}-m_{020}^{(20)}m_{201}^{(10)}m_{013}^{(10)}-m_{020}^{(20)}m_{201}^{(11)}m_{112}^{(20)}+m_{020}^{(20)}m_{201}^{(11)}m_{013}^{(00)}\\
&-m_{020}^{(20)}m_{201}^{(20)}m_{130}^{(22)}+2m_{020}^{(20)}m_{201}^{(20)}m_{121}^{(21)}-2m_{020}^{(20)}m_{201}^{(20)}m_{031}^{(20)}+m_{020}^{(20)}m_{201}^{(20)}m_{022}^{(10)}\\
&+m_{020}^{(20)}m_{201}^{(21)}m_{220}^{(22)}+m_{020}^{(20)}m_{201}^{(21)}m_{112}^{(10)}-2m_{020}^{(20)}m_{201}^{(21)}m_{022}^{(00)}-m_{020}^{(20)}m_{201}^{(22)}m_{220}^{(21)}\\
&+m_{020}^{(20)}m_{201}^{(22)}m_{130}^{(20)}-m_{020}^{(20)}m_{201}^{(22)}m_{121}^{(10)}+m_{020}^{(20)}m_{201}^{(22)}m_{031}^{(00)}+m_{020}^{(20)}m_{111}^{(00)}m_{121}^{(22)}\\
&-m_{020}^{(20)}m_{111}^{(00)}m_{112}^{(21)}+m_{020}^{(20)}m_{111}^{(00)}m_{022}^{(20)}-m_{020}^{(20)}m_{111}^{(00)}m_{013}^{(10)}-3m_{020}^{(20)}m_{111}^{(10)}m_{211}^{(22)}\\
&+2m_{020}^{(20)}m_{111}^{(10)}m_{202}^{(21)}-2m_{020}^{(20)}m_{111}^{(10)}m_{112}^{(20)}+2m_{020}^{(20)}m_{111}^{(10)}m_{103}^{(10)}+m_{020}^{(20)}m_{111}^{(10)}m_{013}^{(00)}\\
&+2m_{020}^{(20)}m_{111}^{(11)}m_{301}^{(22)}-2m_{020}^{(20)}m_{111}^{(11)}m_{103}^{(00)}+m_{020}^{(20)}m_{111}^{(20)}m_{220}^{(22)}-m_{020}^{(20)}m_{111}^{(20)}m_{022}^{(00)}\\
&-m_{020}^{(20)}m_{111}^{(21)}m_{310}^{(22)}-2m_{020}^{(20)}m_{111}^{(21)}m_{301}^{(21)}+2m_{020}^{(20)}m_{111}^{(21)}m_{211}^{(20)}-2m_{020}^{(20)}m_{111}^{(21)}m_{202}^{(10)}\\
&+3m_{020}^{(20)}m_{111}^{(21)}m_{112}^{(00)}+m_{020}^{(20)}m_{111}^{(22)}m_{310}^{(21)}-m_{020}^{(20)}m_{111}^{(22)}m_{220}^{(20)}+m_{020}^{(20)}m_{111}^{(22)}m_{211}^{(10)}\\
&-m_{020}^{(20)}m_{111}^{(22)}m_{121}^{(00)}-m_{020}^{(20)}m_{102}^{(00)}m_{130}^{(22)}+m_{020}^{(20)}m_{102}^{(00)}m_{121}^{(21)}-m_{020}^{(20)}m_{102}^{(00)}m_{031}^{(20)}\\
&+m_{020}^{(20)}m_{102}^{(00)}m_{022}^{(10)}+2m_{020}^{(20)}m_{102}^{(10)}m_{220}^{(22)}-m_{020}^{(20)}m_{102}^{(10)}m_{211}^{(21)}-m_{020}^{(20)}m_{102}^{(10)}m_{022}^{(00)}\\
&-m_{020}^{(20)}m_{102}^{(11)}m_{310}^{(22)}+m_{020}^{(20)}m_{102}^{(11)}m_{211}^{(20)}-m_{020}^{(20)}m_{102}^{(20)}m_{220}^{(21)}+2m_{020}^{(20)}m_{102}^{(20)}m_{130}^{(20)}
\end{aligned}
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\begin{aligned}
&-2m_{020}^{(20)}m_{102}^{(20)}m_{121}^{(10)}+m_{020}^{(20)}m_{102}^{(20)}m_{031}^{(00)}+m_{020}^{(20)}m_{102}^{(21)}m_{310}^{(21)}-2m_{020}^{(20)}m_{102}^{(21)}m_{220}^{(20)}\\
&+m_{020}^{(20)}m_{102}^{(21)}m_{121}^{(00)}+m_{020}^{(20)}m_{102}^{(22)}m_{220}^{(10)}-m_{020}^{(20)}m_{102}^{(22)}m_{130}^{(00)}-m_{020}^{(20)}m_{012}^{(00)}m_{121}^{(20)}\\
&+m_{020}^{(20)}m_{012}^{(00)}m_{112}^{(10)}+3m_{020}^{(20)}m_{012}^{(10)}m_{211}^{(20)}-2m_{020}^{(20)}m_{012}^{(10)}m_{202}^{(10)}-m_{020}^{(20)}m_{012}^{(10)}m_{112}^{(00)}\\
&-2m_{020}^{(20)}m_{012}^{(11)}m_{301}^{(20)}+2m_{020}^{(20)}m_{012}^{(11)}m_{202}^{(00)}-m_{020}^{(20)}m_{012}^{(20)}m_{220}^{(20)}+m_{020}^{(20)}m_{012}^{(20)}m_{121}^{(00)}\\
&+m_{020}^{(20)}m_{012}^{(21)}m_{310}^{(20)}+2m_{020}^{(20)}m_{012}^{(21)}m_{301}^{(10)}-3m_{020}^{(20)}m_{012}^{(21)}m_{211}^{(00)}-m_{020}^{(20)}m_{012}^{(22)}m_{310}^{(10)}\\
&+m_{020}^{(20)}m_{012}^{(22)}m_{220}^{(00)}+m_{020}^{(20)}m_{003}^{(00)}m_{130}^{(20)}-m_{020}^{(20)}m_{003}^{(00)}m_{121}^{(10)}-2m_{020}^{(20)}m_{003}^{(10)}m_{220}^{(20)}\\
&+m_{020}^{(20)}m_{003}^{(10)}m_{211}^{(10)}+m_{020}^{(20)}m_{003}^{(10)}m_{121}^{(00)}+m_{020}^{(20)}m_{003}^{(11)}m_{310}^{(20)}-m_{020}^{(20)}m_{003}^{(11)}m_{211}^{(00)}\\
&+m_{020}^{(20)}m_{003}^{(20)}m_{220}^{(10)}-m_{020}^{(20)}m_{003}^{(20)}m_{130}^{(00)}-m_{020}^{(20)}m_{003}^{(21)}m_{310}^{(10)}+m_{020}^{(20)}m_{003}^{(21)}m_{220}^{(00)}\\
&+2m_{020}^{(21)}m_{300}^{(00)}m_{022}^{(22)}-2m_{020}^{(21)}m_{300}^{(00)}m_{013}^{(21)}-3m_{020}^{(21)}m_{300}^{(10)}m_{112}^{(22)}+m_{020}^{(21)}m_{300}^{(10)}m_{103}^{(21)}\\
&+2m_{020}^{(21)}m_{300}^{(10)}m_{013}^{(20)}+m_{020}^{(21)}m_{300}^{(11)}m_{202}^{(22)}-m_{020}^{(21)}m_{300}^{(11)}m_{103}^{(20)}-m_{020}^{(21)}m_{300}^{(20)}m_{121}^{(22)}\\
&+3m_{020}^{(21)}m_{300}^{(20)}m_{112}^{(21)}-2m_{020}^{(21)}m_{300}^{(20)}m_{022}^{(20)}+m_{020}^{(21)}m_{300}^{(21)}m_{211}^{(22)}-m_{020}^{(21)}m_{300}^{(21)}m_{202}^{(21)}\\
&-m_{020}^{(21)}m_{300}^{(22)}m_{211}^{(21)}+m_{020}^{(21)}m_{300}^{(22)}m_{121}^{(20)}-m_{020}^{(21)}m_{210}^{(00)}m_{112}^{(22)}+m_{020}^{(21)}m_{210}^{(00)}m_{103}^{(21)}\\
&+m_{020}^{(21)}m_{210}^{(10)}m_{202}^{(22)}-m_{020}^{(21)}m_{210}^{(10)}m_{103}^{(20)}+m_{020}^{(21)}m_{210}^{(20)}m_{211}^{(22)}-2m_{020}^{(21)}m_{210}^{(20)}m_{202}^{(21)}\\
&+m_{020}^{(21)}m_{210}^{(20)}m_{112}^{(20)}-m_{020}^{(21)}m_{210}^{(21)}m_{301}^{(22)}+m_{020}^{(21)}m_{210}^{(21)}m_{202}^{(20)}+m_{020}^{(21)}m_{210}^{(22)}m_{301}^{(21)}\\
&-m_{020}^{(21)}m_{210}^{(22)}m_{211}^{(20)}-3m_{020}^{(21)}m_{201}^{(00)}m_{121}^{(22)}+3m_{020}^{(21)}m_{201}^{(00)}m_{112}^{(21)}-2m_{020}^{(21)}m_{201}^{(00)}m_{022}^{(20)}\\
&+2m_{020}^{(21)}m_{201}^{(00)}m_{013}^{(10)}+5m_{020}^{(21)}m_{201}^{(10)}m_{211}^{(22)}-2m_{020}^{(21)}m_{201}^{(10)}m_{202}^{(21)}-m_{020}^{(21)}m_{201}^{(10)}m_{103}^{(10)}\\
&-2m_{020}^{(21)}m_{201}^{(10)}m_{013}^{(00)}-2m_{020}^{(21)}m_{201}^{(11)}m_{301}^{(22)}+m_{020}^{(21)}m_{201}^{(11)}m_{202}^{(20)}+m_{020}^{(21)}m_{201}^{(11)}m_{103}^{(00)}\\
&+m_{020}^{(21)}m_{201}^{(20)}m_{220}^{(22)}-4m_{020}^{(21)}m_{201}^{(20)}m_{211}^{(21)}+4m_{020}^{(21)}m_{201}^{(20)}m_{121}^{(20)}-3m_{020}^{(21)}m_{201}^{(20)}m_{112}^{(10)}\\
&+2m_{020}^{(21)}m_{201}^{(20)}m_{022}^{(00)}-m_{020}^{(21)}m_{201}^{(21)}m_{310}^{(22)}+2m_{020}^{(21)}m_{201}^{(21)}m_{301}^{(21)}-2m_{020}^{(21)}m_{201}^{(21)}m_{211}^{(20)}\\
&+m_{020}^{(21)}m_{201}^{(21)}m_{202}^{(10)}+m_{020}^{(21)}m_{201}^{(22)}m_{310}^{(21)}-m_{020}^{(21)}m_{201}^{(22)}m_{220}^{(20)}+m_{020}^{(21)}m_{201}^{(22)}m_{211}^{(10)}\\
&-m_{020}^{(21)}m_{201}^{(22)}m_{121}^{(00)}+m_{020}^{(21)}m_{111}^{(00)}m_{211}^{(22)}-m_{020}^{(21)}m_{111}^{(00)}m_{202}^{(21)}+m_{020}^{(21)}m_{111}^{(00)}m_{112}^{(20)}\\
&-m_{020}^{(21)}m_{111}^{(00)}m_{103}^{(10)}-m_{020}^{(21)}m_{111}^{(10)}m_{301}^{(22)}+m_{020}^{(21)}m_{111}^{(10)}m_{103}^{(00)}-m_{020}^{(21)}m_{111}^{(20)}m_{310}^{(22)}\\
&+2m_{020}^{(21)}m_{111}^{(20)}m_{301}^{(21)}-2m_{020}^{(21)}m_{111}^{(20)}m_{211}^{(20)}+2m_{020}^{(21)}m_{111}^{(20)}m_{202}^{(10)}-m_{020}^{(21)}m_{111}^{(20)}m_{112}^{(00)}\\
&+m_{020}^{(21)}m_{111}^{(21)}m_{400}^{(22)}-m_{020}^{(21)}m_{111}^{(21)}m_{202}^{(00)}-m_{020}^{(21)}m_{111}^{(22)}m_{400}^{(21)}+m_{020}^{(21)}m_{111}^{(22)}m_{310}^{(20)}\\
&-m_{020}^{(21)}m_{111}^{(22)}m_{301}^{(10)}+m_{020}^{(21)}m_{111}^{(22)}m_{211}^{(00)}+m_{020}^{(21)}m_{102}^{(00)}m_{220}^{(22)}-m_{020}^{(21)}m_{102}^{(00)}m_{211}^{(21)}\\
&+3m_{020}^{(21)}m_{102}^{(00)}m_{121}^{(20)}-3m_{020}^{(21)}m_{102}^{(00)}m_{112}^{(10)}-2m_{020}^{(21)}m_{102}^{(10)}m_{310}^{(22)}+m_{020}^{(21)}m_{102}^{(10)}m_{301}^{(21)}\\
&-4m_{020}^{(21)}m_{102}^{(10)}m_{211}^{(20)}+2m_{020}^{(21)}m_{102}^{(10)}m_{202}^{(10)}+3m_{020}^{(21)}m_{102}^{(10)}m_{112}^{(00)}+m_{020}^{(21)}m_{102}^{(11)}m_{400}^{(22)}\\
&+m_{020}^{(21)}m_{102}^{(11)}m_{301}^{(20)}-2m_{020}^{(21)}m_{102}^{(11)}m_{202}^{(00)}+m_{020}^{(21)}m_{102}^{(20)}m_{310}^{(21)}-2m_{020}^{(21)}m_{102}^{(20)}m_{220}^{(20)}\\
&+4m_{020}^{(21)}m_{102}^{(20)}m_{211}^{(10)}-3m_{020}^{(21)}m_{102}^{(20)}m_{121}^{(00)}-m_{020}^{(21)}m_{102}^{(21)}m_{400}^{(21)}+2m_{020}^{(21)}m_{102}^{(21)}m_{310}^{(20)}\\
&-2m_{020}^{(21)}m_{102}^{(21)}m_{301}^{(10)}+m_{020}^{(21)}m_{102}^{(21)}m_{211}^{(00)}-m_{020}^{(21)}m_{102}^{(22)}m_{310}^{(10)}+m_{020}^{(21)}m_{102}^{(22)}m_{220}^{(00)}\\
&-m_{020}^{(21)}m_{012}^{(00)}m_{211}^{(20)}+m_{020}^{(21)}m_{012}^{(00)}m_{202}^{(10)}+m_{020}^{(21)}m_{012}^{(10)}m_{301}^{(20)}-m_{020}^{(21)}m_{012}^{(10)}m_{202}^{(00)}\\
&+m_{020}^{(21)}m_{012}^{(20)}m_{310}^{(20)}-2m_{020}^{(21)}m_{012}^{(20)}m_{301}^{(10)}+m_{020}^{(21)}m_{012}^{(20)}m_{211}^{(00)}-m_{020}^{(21)}m_{012}^{(21)}m_{400}^{(20)}\\
&+m_{020}^{(21)}m_{012}^{(21)}m_{301}^{(00)}+m_{020}^{(21)}m_{012}^{(22)}m_{400}^{(10)}-m_{020}^{(21)}m_{012}^{(22)}m_{310}^{(00)}-m_{020}^{(21)}m_{003}^{(00)}m_{220}^{(20)}\\
&+m_{020}^{(21)}m_{003}^{(00)}m_{211}^{(10)}+2m_{020}^{(21)}m_{003}^{(10)}m_{310}^{(20)}-m_{020}^{(21)}m_{003}^{(10)}m_{301}^{(10)}-m_{020}^{(21)}m_{003}^{(10)}m_{211}^{(00)}\\
&-m_{020}^{(21)}m_{003}^{(11)}m_{400}^{(20)}+m_{020}^{(21)}m_{003}^{(11)}m_{301}^{(00)}-m_{020}^{(21)}m_{003}^{(20)}m_{310}^{(10)}+m_{020}^{(21)}m_{003}^{(20)}m_{220}^{(00)}\\
&+m_{020}^{(21)}m_{003}^{(21)}m_{400}^{(10)}-m_{020}^{(21)}m_{003}^{(21)}m_{310}^{(00)}-m_{020}^{(22)}m_{300}^{(00)}m_{031}^{(22)}+m_{020}^{(22)}m_{300}^{(00)}m_{022}^{(21)}\\
&+2m_{020}^{(22)}m_{300}^{(10)}m_{121}^{(22)}-m_{020}^{(22)}m_{300}^{(10)}m_{112}^{(21)}-m_{020}^{(22)}m_{300}^{(10)}m_{022}^{(20)}-m_{020}^{(22)}m_{300}^{(11)}m_{211}^{(22)}\\
&+m_{020}^{(22)}m_{300}^{(11)}m_{112}^{(20)}-m_{020}^{(22)}m_{300}^{(20)}m_{121}^{(21)}+m_{020}^{(22)}m_{300}^{(20)}m_{031}^{(20)}+m_{020}^{(22)}m_{300}^{(21)}m_{211}^{(21)}
\end{aligned}
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\begin{aligned}
&-m_{020}^{(22)}m_{300}^{(21)}m_{121}^{(20)}+m_{020}^{(22)}m_{210}^{(00)}m_{121}^{(22)}-m_{020}^{(22)}m_{210}^{(00)}m_{112}^{(21)}-2m_{020}^{(22)}m_{210}^{(10)}m_{211}^{(22)}\\
&+m_{020}^{(22)}m_{210}^{(10)}m_{202}^{(21)}+m_{020}^{(22)}m_{210}^{(10)}m_{112}^{(20)}+m_{020}^{(22)}m_{210}^{(11)}m_{301}^{(22)}-m_{020}^{(22)}m_{210}^{(11)}m_{202}^{(20)}\\
&+m_{020}^{(22)}m_{210}^{(20)}m_{211}^{(21)}-m_{020}^{(22)}m_{210}^{(20)}m_{121}^{(20)}-m_{020}^{(22)}m_{210}^{(21)}m_{301}^{(21)}+m_{020}^{(22)}m_{210}^{(21)}m_{211}^{(20)}\\
&+m_{020}^{(22)}m_{201}^{(00)}m_{130}^{(22)}-m_{020}^{(22)}m_{201}^{(00)}m_{121}^{(21)}+m_{020}^{(22)}m_{201}^{(00)}m_{031}^{(20)}-m_{020}^{(22)}m_{201}^{(00)}m_{022}^{(10)}\\
&-2m_{020}^{(22)}m_{201}^{(10)}m_{220}^{(22)}+m_{020}^{(22)}m_{201}^{(10)}m_{211}^{(21)}-m_{020}^{(22)}m_{201}^{(10)}m_{121}^{(20)}+m_{020}^{(22)}m_{201}^{(10)}m_{112}^{(10)}\\
&+m_{020}^{(22)}m_{201}^{(10)}m_{022}^{(00)}+m_{020}^{(22)}m_{201}^{(11)}m_{310}^{(22)}-m_{020}^{(22)}m_{201}^{(11)}m_{112}^{(00)}+m_{020}^{(22)}m_{201}^{(20)}m_{220}^{(21)}\\
&-m_{020}^{(22)}m_{201}^{(20)}m_{130}^{(20)}+m_{020}^{(22)}m_{201}^{(20)}m_{121}^{(10)}-m_{020}^{(22)}m_{201}^{(20)}m_{031}^{(00)}-m_{020}^{(22)}m_{201}^{(21)}m_{310}^{(21)}\\
&+m_{020}^{(22)}m_{201}^{(21)}m_{220}^{(20)}-m_{020}^{(22)}m_{201}^{(21)}m_{211}^{(10)}+m_{020}^{(22)}m_{201}^{(21)}m_{121}^{(00)}-m_{020}^{(22)}m_{111}^{(00)}m_{220}^{(22)}\\
&+m_{020}^{(22)}m_{111}^{(00)}m_{211}^{(21)}-m_{020}^{(22)}m_{111}^{(00)}m_{121}^{(20)}+m_{020}^{(22)}m_{111}^{(00)}m_{112}^{(10)}+2m_{020}^{(22)}m_{111}^{(10)}m_{310}^{(22)}\\
&-m_{020}^{(22)}m_{111}^{(10)}m_{301}^{(21)}+m_{020}^{(22)}m_{111}^{(10)}m_{211}^{(20)}-m_{020}^{(22)}m_{111}^{(10)}m_{202}^{(10)}-m_{020}^{(22)}m_{111}^{(10)}m_{112}^{(00)}\\
&-m_{020}^{(22)}m_{111}^{(11)}m_{400}^{(22)}+m_{020}^{(22)}m_{111}^{(11)}m_{202}^{(00)}-m_{020}^{(22)}m_{111}^{(20)}m_{310}^{(21)}+m_{020}^{(22)}m_{111}^{(20)}m_{220}^{(20)}\\
&-m_{020}^{(22)}m_{111}^{(20)}m_{211}^{(10)}+m_{020}^{(22)}m_{111}^{(20)}m_{121}^{(00)}+m_{020}^{(22)}m_{111}^{(21)}m_{400}^{(21)}-m_{020}^{(22)}m_{111}^{(21)}m_{310}^{(20)}\\
&+m_{020}^{(22)}m_{111}^{(21)}m_{301}^{(10)}-m_{020}^{(22)}m_{111}^{(21)}m_{211}^{(00)}-m_{020}^{(22)}m_{102}^{(00)}m_{130}^{(20)}+m_{020}^{(22)}m_{102}^{(00)}m_{121}^{(10)}\\
&+2m_{020}^{(22)}m_{102}^{(10)}m_{220}^{(20)}-m_{020}^{(22)}m_{102}^{(10)}m_{211}^{(10)}-m_{020}^{(22)}m_{102}^{(10)}m_{121}^{(00)}-m_{020}^{(22)}m_{102}^{(11)}m_{310}^{(20)}\\
&+m_{020}^{(22)}m_{102}^{(11)}m_{211}^{(00)}-m_{020}^{(22)}m_{102}^{(20)}m_{220}^{(10)}+m_{020}^{(22)}m_{102}^{(20)}m_{130}^{(00)}+m_{020}^{(22)}m_{102}^{(21)}m_{310}^{(10)}\\
&-m_{020}^{(22)}m_{102}^{(21)}m_{220}^{(00)}+m_{020}^{(22)}m_{012}^{(00)}m_{220}^{(20)}-m_{020}^{(22)}m_{012}^{(00)}m_{211}^{(10)}-2m_{020}^{(22)}m_{012}^{(10)}m_{310}^{(20)}\\
&+m_{020}^{(22)}m_{012}^{(10)}m_{301}^{(10)}+m_{020}^{(22)}m_{012}^{(10)}m_{211}^{(00)}+m_{020}^{(22)}m_{012}^{(11)}m_{400}^{(20)}-m_{020}^{(22)}m_{012}^{(11)}m_{301}^{(00)}\\
&+m_{020}^{(22)}m_{012}^{(20)}m_{310}^{(10)}-m_{020}^{(22)}m_{012}^{(20)}m_{220}^{(00)}-m_{020}^{(22)}m_{012}^{(21)}m_{400}^{(10)}+m_{020}^{(22)}m_{012}^{(21)}m_{310}^{(00)}\\
&+m_{011}^{(00)}m_{210}^{(10)}m_{022}^{(22)}-m_{011}^{(00)}m_{210}^{(10)}m_{004}^{(11)}-m_{011}^{(00)}m_{210}^{(11)}m_{112}^{(22)}-m_{011}^{(00)}m_{210}^{(11)}m_{103}^{(21)}\\
&+m_{011}^{(00)}m_{210}^{(11)}m_{013}^{(20)}+m_{011}^{(00)}m_{210}^{(11)}m_{004}^{(10)}-m_{011}^{(00)}m_{210}^{(20)}m_{031}^{(22)}+m_{011}^{(00)}m_{210}^{(20)}m_{013}^{(11)}\\
&+m_{011}^{(00)}m_{210}^{(21)}m_{121}^{(22)}+2m_{011}^{(00)}m_{210}^{(21)}m_{112}^{(21)}+m_{011}^{(00)}m_{210}^{(21)}m_{103}^{(11)}-2m_{011}^{(00)}m_{210}^{(21)}m_{022}^{(20)}\\
&-2m_{011}^{(00)}m_{210}^{(21)}m_{013}^{(10)}-m_{011}^{(00)}m_{210}^{(22)}m_{121}^{(21)}-m_{011}^{(00)}m_{210}^{(22)}m_{112}^{(11)}+m_{011}^{(00)}m_{210}^{(22)}m_{031}^{(20)}\\
&+m_{011}^{(00)}m_{210}^{(22)}m_{022}^{(10)}-m_{011}^{(00)}m_{201}^{(10)}m_{031}^{(22)}+m_{011}^{(00)}m_{201}^{(10)}m_{013}^{(11)}+m_{011}^{(00)}m_{201}^{(11)}m_{121}^{(22)}\\
&+m_{011}^{(00)}m_{201}^{(11)}m_{112}^{(21)}-m_{011}^{(00)}m_{201}^{(11)}m_{022}^{(20)}-m_{011}^{(00)}m_{201}^{(11)}m_{013}^{(10)}+m_{011}^{(00)}m_{201}^{(20)}m_{040}^{(22)}\\
&-m_{011}^{(00)}m_{201}^{(20)}m_{022}^{(11)}-m_{011}^{(00)}m_{201}^{(21)}m_{130}^{(22)}-2m_{011}^{(00)}m_{201}^{(21)}m_{121}^{(21)}-m_{011}^{(00)}m_{201}^{(21)}m_{112}^{(11)}\\
&+2m_{011}^{(00)}m_{201}^{(21)}m_{031}^{(20)}+2m_{011}^{(00)}m_{201}^{(21)}m_{022}^{(10)}+m_{011}^{(00)}m_{201}^{(22)}m_{130}^{(21)}+m_{011}^{(00)}m_{201}^{(22)}m_{121}^{(11)}\\
&-m_{011}^{(00)}m_{201}^{(22)}m_{040}^{(20)}-m_{011}^{(00)}m_{201}^{(22)}m_{031}^{(10)}-m_{011}^{(00)}m_{120}^{(22)}m_{112}^{(10)}+m_{011}^{(00)}m_{120}^{(10)}m_{103}^{(21)}\\
&-m_{011}^{(00)}m_{120}^{(10)}m_{013}^{(20)}+m_{011}^{(00)}m_{120}^{(10)}m_{004}^{(10)}+m_{011}^{(00)}m_{120}^{(11)}m_{202}^{(22)}-m_{011}^{(00)}m_{120}^{(11)}m_{004}^{(00)}\\
&+m_{011}^{(00)}m_{120}^{(20)}m_{121}^{(22)}-m_{011}^{(00)}m_{120}^{(20)}m_{112}^{(21)}+m_{011}^{(00)}m_{120}^{(20)}m_{022}^{(20)}-m_{011}^{(00)}m_{120}^{(20)}m_{013}^{(10)}\\
&-m_{011}^{(00)}m_{120}^{(21)}m_{211}^{(22)}-m_{011}^{(00)}m_{120}^{(21)}m_{202}^{(21)}+m_{011}^{(00)}m_{120}^{(21)}m_{112}^{(20)}-m_{011}^{(00)}m_{120}^{(21)}m_{103}^{(10)}\\
&+2m_{011}^{(00)}m_{120}^{(21)}m_{013}^{(00)}+m_{011}^{(00)}m_{120}^{(22)}m_{211}^{(21)}-m_{011}^{(00)}m_{120}^{(22)}m_{121}^{(20)}+m_{011}^{(00)}m_{120}^{(22)}m_{112}^{(10)}\\
&-m_{011}^{(00)}m_{120}^{(22)}m_{022}^{(00)}+m_{011}^{(00)}m_{111}^{(10)}m_{121}^{(22)}-2m_{011}^{(00)}m_{111}^{(10)}m_{112}^{(21)}+m_{011}^{(00)}m_{111}^{(10)}m_{103}^{(11)}\\
&-m_{011}^{(00)}m_{111}^{(11)}m_{211}^{(22)}+m_{011}^{(00)}m_{111}^{(11)}m_{202}^{(21)}+m_{011}^{(00)}m_{111}^{(11)}m_{112}^{(20)}-m_{011}^{(00)}m_{111}^{(11)}m_{103}^{(10)}\\
&-m_{011}^{(00)}m_{111}^{(20)}m_{130}^{(22)}+2m_{011}^{(00)}m_{111}^{(20)}m_{121}^{(21)}-m_{011}^{(00)}m_{111}^{(20)}m_{112}^{(11)}+m_{011}^{(00)}m_{111}^{(21)}m_{220}^{(22)}\\
&-m_{011}^{(00)}m_{111}^{(21)}m_{202}^{(11)}-2m_{011}^{(00)}m_{111}^{(21)}m_{121}^{(20)}+2m_{011}^{(00)}m_{111}^{(21)}m_{112}^{(10)}-m_{011}^{(00)}m_{111}^{(22)}m_{220}^{(21)}\\
&+m_{011}^{(00)}m_{111}^{(22)}m_{211}^{(11)}+m_{011}^{(00)}m_{111}^{(22)}m_{130}^{(20)}-m_{011}^{(00)}m_{111}^{(22)}m_{121}^{(10)}+m_{011}^{(00)}m_{102}^{(10)}m_{121}^{(21)}\\
&-m_{011}^{(00)}m_{102}^{(10)}m_{112}^{(11)}+m_{011}^{(00)}m_{102}^{(10)}m_{031}^{(20)}-m_{011}^{(00)}m_{102}^{(10)}m_{022}^{(10)}-m_{011}^{(00)}m_{102}^{(11)}m_{211}^{(21)}\\
&-m_{011}^{(00)}m_{102}^{(11)}m_{121}^{(20)}+m_{011}^{(00)}m_{102}^{(11)}m_{112}^{(10)}+m_{011}^{(00)}m_{102}^{(11)}m_{022}^{(00)}-m_{011}^{(00)}m_{102}^{(20)}m_{130}^{(21)}
\end{aligned}
$$

$$+m_{011}^{(00)}m_{102}^{(20)}m_{121}^{(11)}-m_{011}^{(00)}m_{102}^{(20)}m_{040}^{(20)}+m_{011}^{(00)}m_{102}^{(20)}m_{031}^{(10)}+m_{011}^{(00)}m_{102}^{(21)}m_{220}^{(21)}$$
$$+m_{011}^{(00)}m_{102}^{(21)}m_{211}^{(11)}+m_{011}^{(00)}m_{102}^{(21)}m_{130}^{(20)}-m_{011}^{(00)}m_{102}^{(21)}m_{121}^{(10)}-2m_{011}^{(00)}m_{102}^{(21)}m_{031}^{(00)}$$
$$-m_{011}^{(00)}m_{102}^{(22)}m_{220}^{(11)}+m_{011}^{(00)}m_{102}^{(22)}m_{040}^{(00)}+2m_{011}^{(00)}m_{021}^{(10)}m_{112}^{(20)}-2m_{011}^{(00)}m_{021}^{(10)}m_{103}^{(10)}$$
$$-2m_{011}^{(00)}m_{021}^{(11)}m_{202}^{(20)}+2m_{011}^{(00)}m_{021}^{(11)}m_{103}^{(00)}-2m_{011}^{(00)}m_{021}^{(20)}m_{121}^{(20)}+2m_{011}^{(00)}m_{021}^{(20)}m_{112}^{(10)}$$
$$+2m_{011}^{(00)}m_{021}^{(21)}m_{211}^{(20)}+2m_{011}^{(00)}m_{021}^{(21)}m_{202}^{(10)}-4m_{011}^{(00)}m_{021}^{(21)}m_{112}^{(00)}-2m_{011}^{(00)}m_{021}^{(22)}m_{211}^{(10)}$$
$$+2m_{011}^{(00)}m_{021}^{(22)}m_{121}^{(00)}-2m_{011}^{(00)}m_{012}^{(10)}m_{121}^{(20)}+2m_{011}^{(00)}m_{012}^{(10)}m_{112}^{(10)}+2m_{011}^{(00)}m_{012}^{(11)}m_{121}^{(20)}$$
$$-2m_{011}^{(00)}m_{012}^{(11)}m_{112}^{(00)}+2m_{011}^{(00)}m_{012}^{(20)}m_{130}^{(20)}-2m_{011}^{(00)}m_{012}^{(20)}m_{121}^{(10)}-2m_{011}^{(00)}m_{012}^{(21)}m_{220}^{(20)}$$
$$-2m_{011}^{(00)}m_{012}^{(21)}m_{211}^{(10)}+4m_{011}^{(00)}m_{012}^{(21)}m_{121}^{(00)}+2m_{011}^{(00)}m_{012}^{(22)}m_{220}^{(10)}-2m_{011}^{(00)}m_{012}^{(22)}m_{130}^{(00)}$$
$$-m_{011}^{(10)}m_{300}^{(10)}m_{022}^{(22)}+m_{011}^{(10)}m_{300}^{(10)}m_{004}^{(11)}+m_{011}^{(10)}m_{300}^{(11)}m_{112}^{(22)}+m_{011}^{(10)}m_{300}^{(11)}m_{103}^{(21)}$$
$$-m_{011}^{(10)}m_{300}^{(11)}m_{013}^{(20)}-m_{011}^{(10)}m_{300}^{(11)}m_{004}^{(10)}+m_{011}^{(10)}m_{300}^{(20)}m_{031}^{(22)}-m_{011}^{(10)}m_{300}^{(20)}m_{013}^{(11)}$$
$$-m_{011}^{(10)}m_{300}^{(21)}m_{121}^{(22)}-2m_{011}^{(10)}m_{300}^{(21)}m_{112}^{(21)}-m_{011}^{(10)}m_{300}^{(21)}m_{103}^{(11)}+2m_{011}^{(10)}m_{300}^{(21)}m_{022}^{(20)}$$
$$+2m_{011}^{(10)}m_{300}^{(21)}m_{013}^{(10)}+m_{011}^{(10)}m_{300}^{(22)}m_{121}^{(21)}+m_{011}^{(10)}m_{300}^{(22)}m_{112}^{(11)}-m_{011}^{(10)}m_{300}^{(22)}m_{031}^{(20)}$$
$$-m_{011}^{(10)}m_{300}^{(22)}m_{022}^{(10)}-m_{011}^{(10)}m_{210}^{(00)}m_{022}^{(22)}+m_{011}^{(10)}m_{210}^{(00)}m_{004}^{(11)}+2m_{011}^{(10)}m_{210}^{(10)}m_{112}^{(22)}$$
$$-2m_{011}^{(10)}m_{210}^{(10)}m_{004}^{(10)}-m_{011}^{(10)}m_{210}^{(11)}m_{202}^{(22)}+m_{011}^{(10)}m_{210}^{(11)}m_{004}^{(00)}-2m_{011}^{(10)}m_{210}^{(20)}m_{103}^{(11)}$$
$$+2m_{011}^{(10)}m_{210}^{(20)}m_{013}^{(10)}+2m_{011}^{(10)}m_{210}^{(21)}m_{103}^{(10)}-2m_{011}^{(10)}m_{210}^{(21)}m_{013}^{(00)}+m_{011}^{(10)}m_{210}^{(22)}m_{202}^{(11)}$$
$$-2m_{011}^{(10)}m_{210}^{(22)}m_{112}^{(10)}+m_{011}^{(10)}m_{210}^{(22)}m_{022}^{(00)}+m_{011}^{(10)}m_{201}^{(00)}m_{031}^{(22)}-m_{011}^{(10)}m_{201}^{(00)}m_{013}^{(11)}$$
$$-2m_{011}^{(10)}m_{201}^{(10)}m_{103}^{(11)}+2m_{011}^{(10)}m_{201}^{(10)}m_{022}^{(20)}-m_{011}^{(10)}m_{201}^{(11)}m_{211}^{(22)}-2m_{011}^{(10)}m_{201}^{(11)}m_{202}^{(21)}$$
$$+2m_{011}^{(10)}m_{201}^{(11)}m_{103}^{(10)}+m_{011}^{(10)}m_{201}^{(11)}m_{013}^{(00)}-2m_{011}^{(10)}m_{201}^{(20)}m_{130}^{(22)}+4m_{011}^{(10)}m_{201}^{(20)}m_{112}^{(11)}$$
$$-2m_{011}^{(10)}m_{201}^{(20)}m_{031}^{(20)}+2m_{011}^{(10)}m_{201}^{(21)}m_{220}^{(22)}+4m_{011}^{(10)}m_{201}^{(21)}m_{211}^{(21)}+2m_{011}^{(10)}m_{201}^{(21)}m_{202}^{(11)}$$
$$-2m_{011}^{(10)}m_{201}^{(21)}m_{121}^{(20)}-4m_{011}^{(10)}m_{201}^{(21)}m_{112}^{(10)}-2m_{011}^{(10)}m_{201}^{(21)}m_{022}^{(00)}-2m_{011}^{(10)}m_{201}^{(22)}m_{220}^{(21)}$$
$$-3m_{011}^{(10)}m_{201}^{(22)}m_{211}^{(11)}+2m_{011}^{(10)}m_{201}^{(22)}m_{130}^{(20)}+2m_{011}^{(10)}m_{201}^{(22)}m_{121}^{(10)}+m_{011}^{(10)}m_{201}^{(22)}m_{031}^{(00)}$$
$$+m_{011}^{(10)}m_{120}^{(00)}m_{112}^{(22)}-m_{011}^{(10)}m_{120}^{(00)}m_{103}^{(21)}+m_{011}^{(10)}m_{120}^{(00)}m_{013}^{(20)}-m_{011}^{(10)}m_{120}^{(00)}m_{004}^{(10)}$$
$$-m_{011}^{(10)}m_{120}^{(10)}m_{202}^{(22)}+m_{011}^{(10)}m_{120}^{(10)}m_{004}^{(00)}-m_{011}^{(10)}m_{120}^{(20)}m_{211}^{(22)}+2m_{011}^{(10)}m_{120}^{(20)}m_{202}^{(21)}$$
$$-2m_{011}^{(10)}m_{120}^{(20)}m_{112}^{(20)}+2m_{011}^{(10)}m_{120}^{(20)}m_{103}^{(10)}-m_{011}^{(10)}m_{120}^{(20)}m_{013}^{(00)}+m_{011}^{(10)}m_{120}^{(21)}m_{301}^{(22)}$$
$$-m_{011}^{(10)}m_{120}^{(21)}m_{103}^{(00)}-m_{011}^{(10)}m_{120}^{(22)}m_{301}^{(21)}+m_{011}^{(10)}m_{120}^{(22)}m_{211}^{(20)}-m_{011}^{(10)}m_{120}^{(22)}m_{202}^{(10)}$$
$$+m_{011}^{(10)}m_{120}^{(22)}m_{112}^{(00)}-m_{011}^{(10)}m_{111}^{(00)}m_{121}^{(22)}+2m_{011}^{(10)}m_{111}^{(00)}m_{112}^{(21)}-m_{011}^{(10)}m_{111}^{(00)}m_{103}^{(11)}$$
$$-4m_{011}^{(10)}m_{111}^{(10)}m_{112}^{(20)}+4m_{011}^{(10)}m_{111}^{(10)}m_{103}^{(10)}+m_{011}^{(10)}m_{111}^{(11)}m_{301}^{(22)}+2m_{011}^{(10)}m_{111}^{(11)}m_{202}^{(20)}$$
$$-3m_{011}^{(10)}m_{111}^{(11)}m_{103}^{(00)}+2m_{011}^{(10)}m_{111}^{(20)}m_{220}^{(22)}-4m_{011}^{(10)}m_{111}^{(20)}m_{211}^{(21)}+2m_{011}^{(10)}m_{111}^{(20)}m_{202}^{(11)}$$
$$+4m_{011}^{(10)}m_{111}^{(20)}m_{121}^{(20)}-4m_{011}^{(10)}m_{111}^{(20)}m_{112}^{(10)}-2m_{011}^{(10)}m_{111}^{(21)}m_{310}^{(22)}-4m_{011}^{(10)}m_{111}^{(21)}m_{202}^{(10)}$$
$$+6m_{011}^{(10)}m_{111}^{(21)}m_{112}^{(00)}+2m_{011}^{(10)}m_{111}^{(22)}m_{310}^{(21)}-m_{011}^{(10)}m_{111}^{(22)}m_{301}^{(11)}-2m_{011}^{(10)}m_{111}^{(22)}m_{220}^{(20)}$$
$$+4m_{011}^{(10)}m_{111}^{(22)}m_{211}^{(10)}-3m_{011}^{(10)}m_{111}^{(22)}m_{121}^{(00)}-m_{011}^{(10)}m_{102}^{(00)}m_{121}^{(21)}+m_{011}^{(10)}m_{102}^{(00)}m_{112}^{(11)}$$
$$-m_{011}^{(10)}m_{102}^{(00)}m_{031}^{(20)}+m_{011}^{(10)}m_{102}^{(00)}m_{022}^{(10)}+m_{011}^{(10)}m_{102}^{(10)}m_{202}^{(11)}-m_{011}^{(10)}m_{102}^{(10)}m_{022}^{(00)}$$
$$+m_{011}^{(10)}m_{102}^{(11)}m_{301}^{(21)}+m_{011}^{(10)}m_{102}^{(11)}m_{211}^{(20)}-m_{011}^{(10)}m_{102}^{(11)}m_{202}^{(10)}-m_{011}^{(10)}m_{102}^{(11)}m_{112}^{(00)}$$
$$+2m_{011}^{(10)}m_{102}^{(20)}m_{220}^{(21)}-3m_{011}^{(10)}m_{102}^{(20)}m_{211}^{(11)}+2m_{011}^{(10)}m_{102}^{(20)}m_{130}^{(20)}-2m_{011}^{(10)}m_{102}^{(20)}m_{121}^{(10)}$$
$$+m_{011}^{(10)}m_{102}^{(20)}m_{031}^{(00)}-2m_{011}^{(10)}m_{102}^{(21)}m_{310}^{(21)}-m_{011}^{(10)}m_{102}^{(21)}m_{301}^{(11)}-2m_{011}^{(10)}m_{102}^{(21)}m_{220}^{(20)}$$
$$+2m_{011}^{(10)}m_{102}^{(21)}m_{211}^{(10)}+3m_{011}^{(10)}m_{102}^{(21)}m_{121}^{(00)}+2m_{011}^{(10)}m_{102}^{(22)}m_{310}^{(11)}-2m_{011}^{(10)}m_{102}^{(22)}m_{130}^{(00)}$$
$$-2m_{011}^{(10)}m_{021}^{(00)}m_{112}^{(20)}+2m_{011}^{(10)}m_{021}^{(00)}m_{103}^{(10)}+2m_{011}^{(10)}m_{021}^{(10)}m_{202}^{(20)}-2m_{011}^{(10)}m_{021}^{(10)}m_{103}^{(00)}$$
$$+2m_{011}^{(10)}m_{021}^{(20)}m_{211}^{(20)}-4m_{011}^{(10)}m_{021}^{(20)}m_{202}^{(10)}+2m_{011}^{(10)}m_{021}^{(20)}m_{112}^{(00)}-2m_{011}^{(10)}m_{021}^{(21)}m_{301}^{(20)}$$

$$
\begin{aligned}
&+2m_{011}^{(10)}m_{021}^{(21)}m_{202}^{(00)} + 2m_{011}^{(10)}m_{021}^{(22)}m_{301}^{(10)} - 2m_{011}^{(10)}m_{021}^{(22)}m_{211}^{(00)} + 2m_{011}^{(10)}m_{012}^{(00)}m_{121}^{(20)}\\
&-2m_{011}^{(10)}m_{012}^{(00)}m_{112}^{(10)} - 2m_{011}^{(10)}m_{012}^{(10)}m_{202}^{(10)} + 2m_{011}^{(10)}m_{012}^{(10)}m_{112}^{(00)} - 2m_{011}^{(10)}m_{012}^{(11)}m_{301}^{(20)}\\
&+2m_{011}^{(10)}m_{012}^{(11)}m_{202}^{(00)} - 4m_{011}^{(10)}m_{012}^{(20)}m_{220}^{(20)} + 6m_{011}^{(10)}m_{012}^{(20)}m_{211}^{(10)} - 2m_{011}^{(10)}m_{012}^{(20)}m_{121}^{(00)}\\
&+4m_{011}^{(10)}m_{012}^{(21)}m_{310}^{(20)} + 2m_{011}^{(10)}m_{012}^{(21)}m_{301}^{(10)} - 6m_{011}^{(10)}m_{012}^{(21)}m_{211}^{(00)} - 4m_{011}^{(10)}m_{012}^{(22)}m_{310}^{(10)}\\
&+4m_{011}^{(10)}m_{012}^{(22)}m_{220}^{(00)} + m_{011}^{(11)}m_{300}^{(00)}m_{022}^{(22)} - m_{011}^{(11)}m_{300}^{(00)}m_{004}^{(11)} - m_{011}^{(11)}m_{300}^{(10)}m_{112}^{(22)}\\
&-m_{011}^{(11)}m_{300}^{(10)}m_{103}^{(21)} + m_{011}^{(11)}m_{300}^{(10)}m_{013}^{(20)} + m_{011}^{(11)}m_{300}^{(10)}m_{004}^{(10)} - m_{011}^{(11)}m_{300}^{(20)}m_{121}^{(22)}\\
&+m_{011}^{(11)}m_{300}^{(20)}m_{112}^{(21)} + 2m_{011}^{(11)}m_{300}^{(20)}m_{103}^{(11)} - m_{011}^{(11)}m_{300}^{(20)}m_{022}^{(20)} - m_{011}^{(11)}m_{300}^{(20)}m_{013}^{(10)}\\
&+m_{011}^{(11)}m_{300}^{(21)}m_{211}^{(22)} + m_{011}^{(11)}m_{300}^{(21)}m_{202}^{(21)} - m_{011}^{(11)}m_{300}^{(21)}m_{112}^{(20)} - m_{011}^{(11)}m_{300}^{(21)}m_{103}^{(10)}\\
&-m_{011}^{(11)}m_{300}^{(22)}m_{211}^{(21)} - m_{011}^{(11)}m_{300}^{(22)}m_{202}^{(11)} + m_{011}^{(11)}m_{300}^{(22)}m_{121}^{(20)} + m_{011}^{(11)}m_{300}^{(22)}m_{112}^{(10)}\\
&-m_{011}^{(11)}m_{210}^{(00)}m_{112}^{(22)} + m_{011}^{(11)}m_{210}^{(00)}m_{103}^{(21)} - m_{011}^{(11)}m_{210}^{(00)}m_{013}^{(20)} + m_{011}^{(11)}m_{210}^{(00)}m_{004}^{(10)}\\
&+m_{011}^{(11)}m_{210}^{(10)}m_{202}^{(22)} - m_{011}^{(11)}m_{210}^{(10)}m_{004}^{(00)} + m_{011}^{(11)}m_{210}^{(20)}m_{211}^{(22)} - 2m_{011}^{(11)}m_{210}^{(20)}m_{202}^{(21)}\\
&+2m_{011}^{(11)}m_{210}^{(20)}m_{112}^{(20)} - 2m_{011}^{(11)}m_{210}^{(20)}m_{103}^{(10)} + m_{011}^{(11)}m_{210}^{(20)}m_{013}^{(00)} - m_{011}^{(11)}m_{210}^{(21)}m_{301}^{(22)}\\
&+m_{011}^{(11)}m_{210}^{(21)}m_{103}^{(00)} + m_{011}^{(11)}m_{210}^{(22)}m_{301}^{(21)} - m_{011}^{(11)}m_{210}^{(22)}m_{211}^{(20)} + m_{011}^{(11)}m_{210}^{(22)}m_{202}^{(10)}\\
&-m_{011}^{(11)}m_{210}^{(22)}m_{112}^{(00)} - m_{011}^{(11)}m_{201}^{(00)}m_{121}^{(22)} - m_{011}^{(11)}m_{201}^{(00)}m_{112}^{(21)} + 2m_{011}^{(11)}m_{201}^{(00)}m_{103}^{(11)}\\
&-m_{011}^{(11)}m_{201}^{(00)}m_{022}^{(20)} + m_{011}^{(11)}m_{201}^{(00)}m_{013}^{(10)} + m_{011}^{(11)}m_{201}^{(10)}m_{211}^{(22)} + 2m_{011}^{(11)}m_{201}^{(10)}m_{202}^{(21)}\\
&-2m_{011}^{(11)}m_{201}^{(10)}m_{103}^{(10)} - m_{011}^{(11)}m_{201}^{(10)}m_{013}^{(00)} + m_{011}^{(11)}m_{201}^{(20)}m_{220}^{(22)} - 4m_{011}^{(11)}m_{201}^{(20)}m_{202}^{(11)}\\
&+2m_{011}^{(11)}m_{201}^{(20)}m_{121}^{(20)} + m_{011}^{(11)}m_{201}^{(20)}m_{022}^{(00)} - m_{011}^{(11)}m_{201}^{(21)}m_{310}^{(22)} - 2m_{011}^{(11)}m_{201}^{(21)}m_{301}^{(21)}\\
&+2m_{011}^{(11)}m_{201}^{(21)}m_{202}^{(10)} + m_{011}^{(11)}m_{201}^{(21)}m_{112}^{(00)} + m_{011}^{(11)}m_{201}^{(22)}m_{310}^{(21)} + 2m_{011}^{(11)}m_{201}^{(22)}m_{301}^{(11)}\\
&-m_{011}^{(11)}m_{201}^{(22)}m_{220}^{(20)} - m_{011}^{(11)}m_{201}^{(22)}m_{211}^{(10)} - m_{011}^{(11)}m_{201}^{(22)}m_{121}^{(00)} + m_{011}^{(11)}m_{111}^{(00)}m_{211}^{(22)}\\
&-m_{011}^{(11)}m_{111}^{(00)}m_{202}^{(21)} + 3m_{011}^{(11)}m_{111}^{(00)}m_{112}^{(20)} - 3m_{011}^{(11)}m_{111}^{(00)}m_{103}^{(10)} - m_{011}^{(11)}m_{111}^{(10)}m_{301}^{(22)}\\
&-2m_{011}^{(11)}m_{111}^{(10)}m_{202}^{(20)} + 3m_{011}^{(11)}m_{111}^{(10)}m_{103}^{(00)} - m_{011}^{(11)}m_{111}^{(20)}m_{310}^{(22)} + 2m_{011}^{(11)}m_{111}^{(20)}m_{301}^{(21)}\\
&-4m_{011}^{(11)}m_{111}^{(20)}m_{211}^{(20)} + 6m_{011}^{(11)}m_{111}^{(20)}m_{202}^{(10)} - 3m_{011}^{(11)}m_{111}^{(20)}m_{112}^{(00)} + m_{011}^{(11)}m_{111}^{(21)}m_{400}^{(22)}\\
&+2m_{011}^{(11)}m_{111}^{(21)}m_{301}^{(20)} - 3m_{011}^{(11)}m_{111}^{(21)}m_{202}^{(00)} - m_{011}^{(11)}m_{111}^{(22)}m_{400}^{(21)} + m_{011}^{(11)}m_{111}^{(22)}m_{310}^{(20)}\\
&-3m_{011}^{(11)}m_{111}^{(22)}m_{301}^{(10)} + 3m_{011}^{(11)}m_{111}^{(22)}m_{211}^{(00)} + m_{011}^{(11)}m_{102}^{(00)}m_{211}^{(21)} - m_{011}^{(11)}m_{102}^{(00)}m_{202}^{(11)}\\
&+m_{011}^{(11)}m_{102}^{(00)}m_{121}^{(20)} - m_{011}^{(11)}m_{102}^{(00)}m_{112}^{(10)} - m_{011}^{(11)}m_{102}^{(10)}m_{301}^{(21)} - m_{011}^{(11)}m_{102}^{(10)}m_{211}^{(20)}\\
&+m_{011}^{(11)}m_{102}^{(10)}m_{202}^{(10)} + m_{011}^{(11)}m_{102}^{(10)}m_{112}^{(00)} - m_{011}^{(11)}m_{102}^{(20)}m_{310}^{(21)} + 2m_{011}^{(11)}m_{102}^{(20)}m_{301}^{(11)}\\
&-m_{011}^{(11)}m_{102}^{(20)}m_{220}^{(20)} + m_{011}^{(11)}m_{102}^{(20)}m_{211}^{(10)} - m_{011}^{(11)}m_{102}^{(20)}m_{121}^{(00)} + m_{011}^{(11)}m_{102}^{(21)}m_{400}^{(21)}\\
&+m_{011}^{(11)}m_{102}^{(21)}m_{310}^{(20)} - m_{011}^{(11)}m_{102}^{(21)}m_{301}^{(10)} - m_{011}^{(11)}m_{102}^{(21)}m_{211}^{(00)} - m_{011}^{(11)}m_{102}^{(22)}m_{400}^{(11)}\\
&+m_{011}^{(11)}m_{102}^{(22)}m_{220}^{(00)} - 2m_{011}^{(11)}m_{012}^{(00)}m_{211}^{(20)} + 2m_{011}^{(11)}m_{012}^{(00)}m_{202}^{(10)} + 2m_{011}^{(11)}m_{012}^{(10)}m_{301}^{(20)}\\
&-2m_{011}^{(11)}m_{012}^{(10)}m_{202}^{(00)} + 2m_{011}^{(11)}m_{012}^{(20)}m_{310}^{(20)} - 4m_{011}^{(11)}m_{012}^{(20)}m_{301}^{(10)} + 2m_{011}^{(11)}m_{012}^{(20)}m_{211}^{(00)}\\
&-2m_{011}^{(11)}m_{012}^{(21)}m_{400}^{(20)} + 2m_{011}^{(11)}m_{012}^{(21)}m_{301}^{(00)} + 2m_{011}^{(11)}m_{012}^{(22)}m_{400}^{(10)} - 2m_{011}^{(11)}m_{012}^{(22)}m_{310}^{(00)}\\
&+m_{011}^{(20)}m_{300}^{(10)}m_{031}^{(22)} - m_{011}^{(20)}m_{300}^{(10)}m_{013}^{(11)} - m_{011}^{(20)}m_{300}^{(11)}m_{121}^{(22)} - m_{011}^{(20)}m_{300}^{(11)}m_{112}^{(21)}\\
&+m_{011}^{(20)}m_{300}^{(11)}m_{022}^{(20)} + m_{011}^{(20)}m_{300}^{(11)}m_{013}^{(10)} - m_{011}^{(20)}m_{300}^{(20)}m_{040}^{(22)} + m_{011}^{(20)}m_{300}^{(20)}m_{022}^{(11)}\\
&+m_{011}^{(20)}m_{300}^{(21)}m_{130}^{(22)} + 2m_{011}^{(20)}m_{300}^{(21)}m_{121}^{(21)} + m_{011}^{(20)}m_{300}^{(21)}m_{112}^{(11)} - 2m_{011}^{(20)}m_{300}^{(21)}m_{031}^{(20)}\\
&-2m_{011}^{(20)}m_{300}^{(21)}m_{022}^{(10)} - m_{011}^{(20)}m_{300}^{(22)}m_{130}^{(21)} - m_{011}^{(20)}m_{300}^{(22)}m_{121}^{(11)} + m_{011}^{(20)}m_{300}^{(22)}m_{040}^{(20)}\\
&+m_{011}^{(20)}m_{300}^{(22)}m_{031}^{(10)} + m_{011}^{(20)}m_{210}^{(00)}m_{031}^{(22)} - m_{011}^{(20)}m_{210}^{(00)}m_{013}^{(11)} - 4m_{011}^{(20)}m_{210}^{(10)}m_{121}^{(22)}\\
&+2m_{011}^{(20)}m_{210}^{(10)}m_{103}^{(11)} + 2m_{011}^{(20)}m_{210}^{(10)}m_{013}^{(10)} + 3m_{011}^{(20)}m_{210}^{(11)}m_{211}^{(22)} + 2m_{011}^{(20)}m_{210}^{(11)}m_{202}^{(21)}\\
&-2m_{011}^{(20)}m_{210}^{(11)}m_{112}^{(20)} - 2m_{011}^{(20)}m_{210}^{(11)}m_{103}^{(10)} - m_{011}^{(20)}m_{210}^{(11)}m_{013}^{(00)} + 2m_{011}^{(20)}m_{210}^{(20)}m_{130}^{(22)}
\end{aligned}
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\begin{aligned}
&-2m_{011}^{(20)}m_{210}^{(20)}m_{022}^{(10)} - 2m_{011}^{(20)}m_{210}^{(21)}m_{220}^{(22)} - 4m_{011}^{(20)}m_{210}^{(21)}m_{211}^{(21)} - 2m_{011}^{(20)}m_{210}^{(21)}m_{202}^{(11)}\\
&+4m_{011}^{(20)}m_{210}^{(21)}m_{121}^{(20)} + 2m_{011}^{(20)}m_{210}^{(21)}m_{112}^{(10)} + 2m_{011}^{(20)}m_{210}^{(21)}m_{022}^{(00)} + 2m_{011}^{(20)}m_{210}^{(22)}m_{220}^{(21)}\\
&+m_{011}^{(20)}m_{210}^{(22)}m_{211}^{(11)} - 2m_{011}^{(20)}m_{210}^{(22)}m_{130}^{(20)} - m_{011}^{(20)}m_{210}^{(22)}m_{031}^{(00)} - m_{011}^{(20)}m_{201}^{(00)}m_{040}^{(22)}\\
&+m_{011}^{(20)}m_{201}^{(00)}m_{022}^{(11)} + 2m_{011}^{(20)}m_{201}^{(10)}m_{130}^{(22)} - 2m_{011}^{(20)}m_{201}^{(10)}m_{031}^{(20)} - m_{011}^{(20)}m_{201}^{(11)}m_{220}^{(22)}\\
&+2m_{011}^{(20)}m_{201}^{(11)}m_{121}^{(20)} - m_{011}^{(20)}m_{201}^{(11)}m_{022}^{(00)} - 2m_{011}^{(20)}m_{201}^{(20)}m_{121}^{(11)} + 2m_{011}^{(20)}m_{201}^{(20)}m_{040}^{(20)}\\
&-2m_{011}^{(20)}m_{201}^{(21)}m_{130}^{(20)} + 2m_{011}^{(20)}m_{201}^{(21)}m_{031}^{(00)} + m_{011}^{(20)}m_{201}^{(22)}m_{220}^{(11)} - m_{011}^{(20)}m_{201}^{(22)}m_{040}^{(00)}\\
&-m_{011}^{(20)}m_{120}^{(00)}m_{121}^{(22)} + m_{011}^{(20)}m_{120}^{(00)}m_{112}^{(21)} - m_{011}^{(20)}m_{120}^{(00)}m_{022}^{(20)} + m_{011}^{(20)}m_{120}^{(00)}m_{013}^{(10)}\\
&+3m_{011}^{(20)}m_{120}^{(10)}m_{211}^{(22)} - 2m_{011}^{(20)}m_{120}^{(10)}m_{202}^{(21)} + 2m_{011}^{(20)}m_{120}^{(10)}m_{112}^{(20)} - 2m_{011}^{(20)}m_{120}^{(10)}m_{103}^{(10)}\\
&-m_{011}^{(20)}m_{120}^{(10)}m_{013}^{(00)} - 2m_{011}^{(20)}m_{120}^{(11)}m_{301}^{(22)} + 2m_{011}^{(20)}m_{120}^{(11)}m_{103}^{(00)} - m_{011}^{(20)}m_{120}^{(20)}m_{220}^{(22)}\\
&+m_{011}^{(20)}m_{120}^{(20)}m_{022}^{(00)} + m_{011}^{(20)}m_{120}^{(21)}m_{310}^{(22)} + 2m_{011}^{(20)}m_{120}^{(21)}m_{301}^{(21)} - 2m_{011}^{(20)}m_{120}^{(21)}m_{211}^{(20)}\\
&+2m_{011}^{(20)}m_{120}^{(21)}m_{202}^{(10)} - 3m_{011}^{(20)}m_{120}^{(21)}m_{112}^{(00)} - m_{011}^{(20)}m_{120}^{(22)}m_{310}^{(21)} + m_{011}^{(20)}m_{120}^{(22)}m_{220}^{(20)}\\
&-m_{011}^{(20)}m_{120}^{(22)}m_{211}^{(10)} + m_{011}^{(20)}m_{120}^{(22)}m_{121}^{(00)} + m_{011}^{(20)}m_{111}^{(00)}m_{130}^{(22)} - 2m_{011}^{(20)}m_{111}^{(00)}m_{121}^{(21)}\\
&+m_{011}^{(20)}m_{111}^{(00)}m_{112}^{(11)} - 2m_{011}^{(20)}m_{111}^{(10)}m_{220}^{(22)} + 4m_{011}^{(20)}m_{111}^{(10)}m_{211}^{(21)} - 2m_{011}^{(20)}m_{111}^{(10)}m_{202}^{(11)}\\
&+4m_{011}^{(20)}m_{111}^{(10)}m_{121}^{(20)} - 4m_{011}^{(20)}m_{111}^{(10)}m_{112}^{(10)} + m_{011}^{(20)}m_{111}^{(11)}m_{310}^{(22)} - 2m_{011}^{(20)}m_{111}^{(11)}m_{301}^{(21)}\\
&-4m_{011}^{(20)}m_{111}^{(11)}m_{211}^{(20)} + 2m_{011}^{(20)}m_{111}^{(11)}m_{202}^{(10)} + 3m_{011}^{(20)}m_{111}^{(11)}m_{112}^{(00)} - 4m_{011}^{(20)}m_{111}^{(20)}m_{130}^{(20)}\\
&+4m_{011}^{(20)}m_{111}^{(20)}m_{121}^{(10)} + 2m_{011}^{(20)}m_{111}^{(21)}m_{301}^{(11)} + 4m_{011}^{(20)}m_{111}^{(21)}m_{220}^{(20)} - 6m_{011}^{(20)}m_{111}^{(21)}m_{121}^{(00)}\\
&-m_{011}^{(20)}m_{111}^{(22)}m_{310}^{(11)} - 2m_{011}^{(20)}m_{111}^{(22)}m_{220}^{(10)} + 3m_{011}^{(20)}m_{111}^{(22)}m_{130}^{(00)} + m_{011}^{(20)}m_{102}^{(00)}m_{130}^{(21)}\\
&-m_{011}^{(20)}m_{102}^{(00)}m_{121}^{(11)} + m_{011}^{(20)}m_{102}^{(00)}m_{040}^{(20)} - m_{011}^{(20)}m_{102}^{(00)}m_{031}^{(10)} - 2m_{011}^{(20)}m_{102}^{(10)}m_{220}^{(21)}\\
&+m_{011}^{(20)}m_{102}^{(10)}m_{211}^{(11)} - 2m_{011}^{(20)}m_{102}^{(10)}m_{130}^{(20)} + 2m_{011}^{(20)}m_{102}^{(10)}m_{121}^{(10)} + m_{011}^{(20)}m_{102}^{(10)}m_{031}^{(00)}\\
&+m_{011}^{(20)}m_{102}^{(11)}m_{310}^{(21)} + m_{011}^{(20)}m_{102}^{(11)}m_{220}^{(20)} - m_{011}^{(20)}m_{102}^{(11)}m_{211}^{(10)} - m_{011}^{(20)}m_{102}^{(11)}m_{121}^{(00)}\\
&+m_{011}^{(20)}m_{102}^{(20)}m_{220}^{(11)} - m_{011}^{(20)}m_{102}^{(20)}m_{040}^{(00)} - m_{011}^{(20)}m_{102}^{(21)}m_{310}^{(11)} + m_{011}^{(20)}m_{102}^{(21)}m_{130}^{(00)}\\
&+2m_{011}^{(20)}m_{021}^{(00)}m_{121}^{(20)} - 2m_{011}^{(20)}m_{021}^{(00)}m_{112}^{(10)} - 6m_{011}^{(20)}m_{021}^{(10)}m_{211}^{(20)} + 4m_{011}^{(20)}m_{021}^{(10)}m_{202}^{(10)}\\
&+2m_{011}^{(20)}m_{021}^{(10)}m_{112}^{(00)} + 4m_{011}^{(20)}m_{021}^{(11)}m_{301}^{(20)} - 4m_{011}^{(20)}m_{021}^{(11)}m_{202}^{(00)} + 2m_{011}^{(20)}m_{021}^{(20)}m_{220}^{(20)}\\
&-2m_{011}^{(20)}m_{021}^{(20)}m_{121}^{(00)} - 2m_{011}^{(20)}m_{021}^{(21)}m_{310}^{(20)} - 4m_{011}^{(20)}m_{021}^{(21)}m_{301}^{(10)} + 6m_{011}^{(20)}m_{021}^{(21)}m_{211}^{(00)}\\
&+2m_{011}^{(20)}m_{021}^{(22)}m_{310}^{(10)} - 2m_{011}^{(20)}m_{021}^{(22)}m_{220}^{(00)} - 2m_{011}^{(20)}m_{012}^{(00)}m_{130}^{(20)} + 2m_{011}^{(20)}m_{012}^{(00)}m_{121}^{(10)}\\
&+4m_{011}^{(20)}m_{012}^{(10)}m_{220}^{(20)} - 2m_{011}^{(20)}m_{012}^{(10)}m_{211}^{(10)} - 2m_{011}^{(20)}m_{012}^{(10)}m_{121}^{(00)} - 2m_{011}^{(20)}m_{012}^{(11)}m_{310}^{(20)}\\
&+2m_{011}^{(20)}m_{012}^{(11)}m_{211}^{(00)} - 2m_{011}^{(20)}m_{012}^{(20)}m_{220}^{(10)} + 2m_{011}^{(20)}m_{012}^{(20)}m_{130}^{(00)} + 2m_{011}^{(20)}m_{012}^{(21)}m_{310}^{(10)}\\
&-2m_{011}^{(20)}m_{012}^{(21)}m_{220}^{(00)} - 2m_{011}^{(21)}m_{300}^{(00)}m_{031}^{(22)} + 2m_{011}^{(21)}m_{300}^{(00)}m_{013}^{(11)} + 3m_{011}^{(21)}m_{300}^{(10)}m_{121}^{(22)}\\
&+2m_{011}^{(21)}m_{300}^{(10)}m_{112}^{(21)} - m_{011}^{(21)}m_{300}^{(10)}m_{103}^{(11)} - 2m_{011}^{(21)}m_{300}^{(10)}m_{022}^{(20)} - 2m_{011}^{(21)}m_{300}^{(10)}m_{013}^{(10)}\\
&-m_{011}^{(21)}m_{300}^{(11)}m_{211}^{(22)} - m_{011}^{(21)}m_{300}^{(11)}m_{202}^{(21)} + m_{011}^{(21)}m_{300}^{(11)}m_{112}^{(20)} + m_{011}^{(21)}m_{300}^{(11)}m_{103}^{(10)}\\
&+m_{011}^{(21)}m_{300}^{(20)}m_{130}^{(22)} - 2m_{011}^{(21)}m_{300}^{(20)}m_{121}^{(21)} - 3m_{011}^{(21)}m_{300}^{(20)}m_{112}^{(11)} + 2m_{011}^{(21)}m_{300}^{(20)}m_{031}^{(20)}\\
&+2m_{011}^{(21)}m_{300}^{(20)}m_{022}^{(10)} - m_{011}^{(21)}m_{300}^{(21)}m_{220}^{(22)} + m_{011}^{(21)}m_{300}^{(21)}m_{202}^{(11)} + m_{011}^{(21)}m_{300}^{(22)}m_{220}^{(21)}\\
&+m_{011}^{(21)}m_{300}^{(22)}m_{211}^{(11)} - m_{011}^{(21)}m_{300}^{(22)}m_{130}^{(20)} - m_{011}^{(21)}m_{300}^{(22)}m_{121}^{(10)} + 3m_{011}^{(21)}m_{210}^{(00)}m_{121}^{(22)}\\
&-2m_{011}^{(21)}m_{210}^{(00)}m_{112}^{(21)} - m_{011}^{(21)}m_{210}^{(00)}m_{103}^{(11)} + 2m_{011}^{(21)}m_{210}^{(00)}m_{022}^{(20)} - 2m_{011}^{(21)}m_{210}^{(00)}m_{013}^{(10)}\\
&-4m_{011}^{(21)}m_{210}^{(10)}m_{211}^{(22)} + 2m_{011}^{(21)}m_{210}^{(10)}m_{103}^{(10)} + 2m_{011}^{(21)}m_{210}^{(10)}m_{013}^{(00)} + m_{011}^{(21)}m_{210}^{(11)}m_{301}^{(22)}\\
&-m_{011}^{(21)}m_{210}^{(11)}m_{103}^{(00)} - 2m_{011}^{(21)}m_{210}^{(20)}m_{220}^{(22)} + 4m_{011}^{(21)}m_{210}^{(20)}m_{211}^{(21)} + 2m_{011}^{(21)}m_{210}^{(20)}m_{202}^{(11)}\\
&-4m_{011}^{(21)}m_{210}^{(20)}m_{121}^{(20)} + 2m_{011}^{(21)}m_{210}^{(20)}m_{112}^{(10)} - 2m_{011}^{(21)}m_{210}^{(20)}m_{022}^{(00)} + 2m_{011}^{(21)}m_{210}^{(21)}m_{210}^{(22)}\\
&-2m_{011}^{(21)}m_{210}^{(21)}m_{202}^{(10)} - 2m_{011}^{(21)}m_{210}^{(22)}m_{310}^{(21)} - m_{011}^{(21)}m_{210}^{(22)}m_{301}^{(11)} + 2m_{011}^{(21)}m_{210}^{(22)}m_{220}^{(20)}
\end{aligned}
$$

$$+m_{011}^{(21)}m_{210}^{(22)}m_{121}^{(00)}+m_{011}^{(21)}m_{201}^{(00)}m_{130}^{(22)}+2m_{011}^{(21)}m_{201}^{(00)}m_{121}^{(21)}-3m_{011}^{(21)}m_{201}^{(00)}m_{112}^{(11)}$$
$$+2m_{011}^{(21)}m_{201}^{(00)}m_{031}^{(20)}-2m_{011}^{(21)}m_{201}^{(00)}m_{022}^{(10)}-2m_{011}^{(21)}m_{201}^{(10)}m_{220}^{(22)}-4m_{011}^{(21)}m_{201}^{(10)}m_{211}^{(21)}$$
$$+2m_{011}^{(21)}m_{201}^{(10)}m_{202}^{(11)}-2m_{011}^{(21)}m_{201}^{(10)}m_{121}^{(20)}+4m_{011}^{(21)}m_{201}^{(10)}m_{112}^{(10)}+2m_{011}^{(21)}m_{201}^{(10)}m_{022}^{(00)}$$
$$+m_{011}^{(21)}m_{201}^{(11)}m_{310}^{(22)}+2m_{011}^{(21)}m_{201}^{(11)}m_{301}^{(21)}-2m_{011}^{(21)}m_{201}^{(11)}m_{202}^{(10)}-m_{011}^{(21)}m_{201}^{(11)}m_{112}^{(00)}$$
$$+4m_{011}^{(21)}m_{201}^{(20)}m_{211}^{(11)}-2m_{011}^{(21)}m_{201}^{(20)}m_{130}^{(20)}-2m_{011}^{(21)}m_{201}^{(20)}m_{031}^{(00)}-2m_{011}^{(21)}m_{201}^{(21)}m_{301}^{(11)}$$
$$+2m_{011}^{(21)}m_{201}^{(21)}m_{220}^{(20)}-m_{011}^{(21)}m_{201}^{(22)}m_{310}^{(11)}+m_{011}^{(21)}m_{201}^{(22)}m_{130}^{(00)}-m_{011}^{(21)}m_{120}^{(00)}m_{211}^{(22)}$$
$$+m_{011}^{(21)}m_{120}^{(00)}m_{202}^{(21)}-m_{011}^{(21)}m_{120}^{(00)}m_{112}^{(20)}+m_{011}^{(21)}m_{120}^{(00)}m_{103}^{(10)}+m_{011}^{(21)}m_{120}^{(10)}m_{301}^{(22)}$$
$$-m_{011}^{(21)}m_{120}^{(10)}m_{103}^{(00)}+m_{011}^{(21)}m_{120}^{(20)}m_{310}^{(22)}-2m_{011}^{(21)}m_{120}^{(20)}m_{301}^{(21)}+2m_{011}^{(21)}m_{120}^{(20)}m_{211}^{(20)}$$
$$-2m_{011}^{(21)}m_{120}^{(20)}m_{202}^{(10)}+m_{011}^{(21)}m_{120}^{(20)}m_{112}^{(00)}-m_{011}^{(21)}m_{120}^{(21)}m_{400}^{(22)}+m_{011}^{(21)}m_{120}^{(21)}m_{202}^{(00)}$$
$$+m_{011}^{(21)}m_{120}^{(22)}m_{400}^{(21)}-m_{011}^{(21)}m_{120}^{(22)}m_{310}^{(20)}+m_{011}^{(21)}m_{120}^{(22)}m_{301}^{(10)}-m_{011}^{(21)}m_{120}^{(22)}m_{211}^{(00)}$$
$$-m_{011}^{(21)}m_{111}^{(00)}m_{220}^{(22)}+m_{011}^{(21)}m_{111}^{(00)}m_{202}^{(11)}-6m_{011}^{(21)}m_{111}^{(00)}m_{121}^{(20)}+6m_{011}^{(21)}m_{111}^{(00)}m_{112}^{(10)}$$
$$+2m_{011}^{(21)}m_{111}^{(10)}m_{310}^{(22)}+8m_{011}^{(21)}m_{111}^{(10)}m_{211}^{(20)}-4m_{011}^{(21)}m_{111}^{(10)}m_{202}^{(10)}-6m_{011}^{(21)}m_{111}^{(10)}m_{112}^{(00)}$$
$$-m_{011}^{(21)}m_{111}^{(11)}m_{400}^{(22)}-2m_{011}^{(21)}m_{111}^{(11)}m_{301}^{(20)}+3m_{011}^{(21)}m_{111}^{(11)}m_{202}^{(00)}-2m_{011}^{(21)}m_{111}^{(20)}m_{301}^{(11)}$$
$$+4m_{011}^{(21)}m_{111}^{(20)}m_{220}^{(20)}-8m_{011}^{(21)}m_{111}^{(20)}m_{211}^{(10)}+6m_{011}^{(21)}m_{111}^{(20)}m_{121}^{(00)}-4m_{011}^{(21)}m_{111}^{(21)}m_{310}^{(20)}$$
$$+4m_{011}^{(21)}m_{111}^{(21)}m_{301}^{(10)}+m_{011}^{(21)}m_{111}^{(22)}m_{400}^{(11)}+2m_{011}^{(21)}m_{111}^{(22)}m_{310}^{(10)}-3m_{011}^{(21)}m_{111}^{(22)}m_{220}^{(00)}$$
$$-m_{011}^{(21)}m_{102}^{(00)}m_{220}^{(21)}+m_{011}^{(21)}m_{102}^{(00)}m_{211}^{(11)}-m_{011}^{(21)}m_{102}^{(00)}m_{130}^{(20)}+m_{011}^{(21)}m_{102}^{(00)}m_{121}^{(10)}$$
$$+2m_{011}^{(21)}m_{102}^{(10)}m_{310}^{(21)}-m_{011}^{(21)}m_{102}^{(10)}m_{301}^{(11)}+2m_{011}^{(21)}m_{102}^{(10)}m_{220}^{(20)}-2m_{011}^{(21)}m_{102}^{(10)}m_{211}^{(10)}$$
$$-m_{011}^{(21)}m_{102}^{(10)}m_{121}^{(00)}-m_{011}^{(21)}m_{102}^{(11)}m_{400}^{(21)}-m_{011}^{(21)}m_{102}^{(11)}m_{310}^{(20)}+m_{011}^{(21)}m_{102}^{(11)}m_{301}^{(10)}$$
$$+m_{011}^{(21)}m_{102}^{(11)}m_{211}^{(00)}-m_{011}^{(21)}m_{102}^{(20)}m_{310}^{(11)}+m_{011}^{(21)}m_{102}^{(20)}m_{130}^{(00)}+m_{011}^{(21)}m_{102}^{(21)}m_{400}^{(11)}$$
$$-m_{011}^{(21)}m_{102}^{(21)}m_{220}^{(00)}+2m_{011}^{(21)}m_{021}^{(00)}m_{211}^{(20)}-2m_{011}^{(21)}m_{021}^{(00)}m_{202}^{(10)}-2m_{011}^{(21)}m_{021}^{(10)}m_{301}^{(20)}$$
$$+2m_{011}^{(21)}m_{021}^{(10)}m_{202}^{(00)}-2m_{011}^{(21)}m_{021}^{(20)}m_{310}^{(20)}+4m_{011}^{(21)}m_{021}^{(20)}m_{301}^{(10)}-2m_{011}^{(21)}m_{021}^{(20)}m_{211}^{(00)}$$
$$+2m_{011}^{(21)}m_{021}^{(21)}m_{400}^{(20)}-2m_{011}^{(21)}m_{021}^{(21)}m_{301}^{(00)}-2m_{011}^{(21)}m_{021}^{(22)}m_{400}^{(10)}+2m_{011}^{(21)}m_{021}^{(22)}m_{310}^{(00)}$$
$$+2m_{011}^{(21)}m_{012}^{(00)}m_{220}^{(20)}-2m_{011}^{(21)}m_{012}^{(00)}m_{211}^{(10)}-4m_{011}^{(21)}m_{012}^{(10)}m_{310}^{(20)}+2m_{011}^{(21)}m_{012}^{(10)}m_{301}^{(10)}$$
$$+2m_{011}^{(21)}m_{012}^{(10)}m_{211}^{(00)}+2m_{011}^{(21)}m_{012}^{(11)}m_{400}^{(20)}-2m_{011}^{(21)}m_{012}^{(11)}m_{301}^{(00)}+2m_{011}^{(21)}m_{012}^{(20)}m_{310}^{(10)}$$
$$-2m_{011}^{(21)}m_{012}^{(20)}m_{220}^{(00)}-2m_{011}^{(21)}m_{012}^{(21)}m_{400}^{(10)}+2m_{011}^{(21)}m_{012}^{(21)}m_{310}^{(00)}+m_{011}^{(22)}m_{300}^{(00)}m_{040}^{(22)}$$
$$-m_{011}^{(22)}m_{300}^{(00)}m_{022}^{(11)}-2m_{011}^{(22)}m_{300}^{(10)}m_{130}^{(22)}-m_{011}^{(22)}m_{300}^{(10)}m_{121}^{(21)}+m_{011}^{(22)}m_{300}^{(10)}m_{112}^{(11)}$$
$$+m_{011}^{(22)}m_{300}^{(10)}m_{031}^{(20)}+m_{011}^{(22)}m_{300}^{(10)}m_{022}^{(10)}+m_{011}^{(22)}m_{300}^{(11)}m_{220}^{(22)}+m_{011}^{(22)}m_{300}^{(11)}m_{211}^{(21)}$$
$$-m_{011}^{(22)}m_{300}^{(11)}m_{121}^{(20)}-m_{011}^{(22)}m_{300}^{(11)}m_{112}^{(10)}+m_{011}^{(22)}m_{300}^{(20)}m_{130}^{(21)}+m_{011}^{(22)}m_{300}^{(20)}m_{121}^{(11)}$$
$$-m_{011}^{(22)}m_{300}^{(20)}m_{040}^{(20)}-m_{011}^{(22)}m_{300}^{(20)}m_{031}^{(10)}-m_{011}^{(22)}m_{300}^{(21)}m_{220}^{(21)}-m_{011}^{(22)}m_{300}^{(21)}m_{211}^{(11)}$$
$$+m_{011}^{(22)}m_{300}^{(21)}m_{130}^{(20)}+m_{011}^{(22)}m_{300}^{(21)}m_{121}^{(10)}-2m_{011}^{(22)}m_{210}^{(00)}m_{130}^{(22)}+m_{011}^{(22)}m_{210}^{(00)}m_{121}^{(21)}$$
$$+m_{011}^{(22)}m_{210}^{(00)}m_{112}^{(11)}-m_{011}^{(22)}m_{210}^{(00)}m_{031}^{(20)}+m_{011}^{(22)}m_{210}^{(00)}m_{022}^{(10)}+4m_{011}^{(22)}m_{210}^{(10)}m_{220}^{(22)}$$
$$-m_{011}^{(22)}m_{210}^{(10)}m_{202}^{(11)}-2m_{011}^{(22)}m_{210}^{(10)}m_{112}^{(10)}-m_{011}^{(22)}m_{210}^{(10)}m_{022}^{(00)}-2m_{011}^{(22)}m_{210}^{(11)}m_{310}^{(22)}$$
$$-m_{011}^{(22)}m_{210}^{(11)}m_{301}^{(21)}+m_{011}^{(22)}m_{210}^{(11)}m_{211}^{(20)}+m_{011}^{(22)}m_{210}^{(11)}m_{202}^{(10)}+m_{011}^{(22)}m_{210}^{(11)}m_{112}^{(00)}$$
$$-2m_{011}^{(22)}m_{210}^{(20)}m_{220}^{(21)}-m_{011}^{(22)}m_{210}^{(20)}m_{211}^{(11)}+2m_{011}^{(22)}m_{210}^{(20)}m_{130}^{(20)}+m_{011}^{(22)}m_{210}^{(20)}m_{031}^{(00)}$$
$$+2m_{011}^{(22)}m_{210}^{(21)}m_{310}^{(21)}+m_{011}^{(22)}m_{210}^{(21)}m_{301}^{(11)}-2m_{011}^{(22)}m_{210}^{(21)}m_{220}^{(20)}-m_{011}^{(22)}m_{210}^{(21)}m_{121}^{(00)}$$
$$-m_{011}^{(22)}m_{201}^{(00)}m_{130}^{(21)}+m_{011}^{(22)}m_{201}^{(00)}m_{121}^{(11)}-m_{011}^{(22)}m_{201}^{(00)}m_{040}^{(20)}+m_{011}^{(22)}m_{201}^{(00)}m_{031}^{(10)}$$
$$+2m_{011}^{(22)}m_{201}^{(10)}m_{220}^{(21)}-m_{011}^{(22)}m_{201}^{(10)}m_{211}^{(11)}+2m_{011}^{(22)}m_{201}^{(10)}m_{130}^{(20)}-2m_{011}^{(22)}m_{201}^{(10)}m_{121}^{(10)}$$
$$-m_{011}^{(22)}m_{201}^{(10)}m_{031}^{(00)}-m_{011}^{(22)}m_{201}^{(11)}m_{310}^{(21)}-m_{011}^{(22)}m_{201}^{(11)}m_{220}^{(20)}+m_{011}^{(22)}m_{201}^{(11)}m_{211}^{(10)}$$

$$
\begin{aligned}
&+m_{011}^{(22)}m_{201}^{(11)}m_{121}^{(00)} - m_{011}^{(22)}m_{201}^{(20)}m_{220}^{(11)} + m_{011}^{(22)}m_{201}^{(20)}m_{040}^{(00)} + m_{011}^{(22)}m_{201}^{(21)}m_{310}^{(11)}\\
&-m_{011}^{(22)}m_{201}^{(21)}m_{130}^{(00)} + m_{011}^{(22)}m_{120}^{(00)}m_{220}^{(22)} - m_{011}^{(22)}m_{120}^{(00)}m_{211}^{(21)} + m_{011}^{(22)}m_{120}^{(00)}m_{121}^{(20)}\\
&-m_{011}^{(22)}m_{120}^{(00)}m_{112}^{(10)} - 2m_{011}^{(22)}m_{120}^{(10)}m_{310}^{(22)} + m_{011}^{(22)}m_{120}^{(10)}m_{301}^{(21)} - m_{011}^{(22)}m_{120}^{(10)}m_{211}^{(20)}\\
&+m_{011}^{(22)}m_{120}^{(10)}m_{202}^{(10)} + m_{011}^{(22)}m_{120}^{(10)}m_{112}^{(00)} + m_{011}^{(22)}m_{120}^{(11)}m_{400}^{(22)} - m_{011}^{(22)}m_{120}^{(11)}m_{202}^{(00)}\\
&+m_{011}^{(22)}m_{120}^{(20)}m_{310}^{(21)} - m_{011}^{(22)}m_{120}^{(20)}m_{220}^{(20)} + m_{011}^{(22)}m_{120}^{(20)}m_{211}^{(10)} - m_{011}^{(22)}m_{120}^{(20)}m_{121}^{(00)}\\
&-m_{011}^{(22)}m_{120}^{(21)}m_{400}^{(21)} + m_{011}^{(22)}m_{120}^{(21)}m_{310}^{(20)} - m_{011}^{(22)}m_{120}^{(21)}m_{301}^{(10)} + m_{011}^{(22)}m_{120}^{(21)}m_{211}^{(00)}\\
&+m_{011}^{(22)}m_{111}^{(00)}m_{220}^{(21)} - m_{011}^{(22)}m_{111}^{(00)}m_{211}^{(11)} + 3m_{011}^{(22)}m_{111}^{(00)}m_{130}^{(20)} - 3m_{011}^{(22)}m_{111}^{(00)}m_{121}^{(10)}\\
&-2m_{011}^{(22)}m_{111}^{(10)}m_{310}^{(21)} + m_{011}^{(22)}m_{111}^{(10)}m_{301}^{(11)} - 6m_{011}^{(22)}m_{111}^{(10)}m_{220}^{(20)} + 4m_{011}^{(22)}m_{111}^{(10)}m_{211}^{(10)}\\
&+3m_{011}^{(22)}m_{111}^{(10)}m_{121}^{(00)} + m_{011}^{(22)}m_{111}^{(11)}m_{400}^{(21)} + 3m_{011}^{(22)}m_{111}^{(11)}m_{310}^{(20)} - m_{011}^{(22)}m_{111}^{(11)}m_{301}^{(10)}\\
&-3m_{011}^{(22)}m_{111}^{(11)}m_{211}^{(00)} + m_{011}^{(22)}m_{111}^{(20)}m_{310}^{(11)} + 2m_{011}^{(22)}m_{111}^{(20)}m_{220}^{(10)} - 3m_{011}^{(22)}m_{111}^{(20)}m_{130}^{(00)}\\
&-m_{011}^{(22)}m_{111}^{(21)}m_{400}^{(11)} - 2m_{011}^{(22)}m_{111}^{(21)}m_{310}^{(10)} + 3m_{011}^{(22)}m_{111}^{(21)}m_{220}^{(00)} - 2m_{011}^{(22)}m_{021}^{(00)}m_{220}^{(20)}\\
&+2m_{011}^{(22)}m_{021}^{(00)}m_{211}^{(10)} + 4m_{011}^{(22)}m_{021}^{(10)}m_{310}^{(20)} - 2m_{011}^{(22)}m_{021}^{(10)}m_{301}^{(10)} - 2m_{011}^{(22)}m_{021}^{(10)}m_{211}^{(00)}\\
&-2m_{011}^{(22)}m_{021}^{(11)}m_{400}^{(20)} + 2m_{011}^{(22)}m_{021}^{(11)}m_{301}^{(00)} - 2m_{011}^{(22)}m_{021}^{(20)}m_{310}^{(10)} + 2m_{011}^{(22)}m_{021}^{(20)}m_{220}^{(00)}\\
&+2m_{011}^{(22)}m_{021}^{(21)}m_{400}^{(10)} - 2m_{011}^{(22)}m_{021}^{(21)}m_{310}^{(00)} - m_{002}^{(00)}m_{210}^{(10)}m_{022}^{(21)} + m_{002}^{(00)}m_{210}^{(10)}m_{013}^{(11)}\\
&+m_{002}^{(00)}m_{210}^{(11)}m_{112}^{(21)} - m_{002}^{(00)}m_{210}^{(11)}m_{013}^{(10)} + m_{002}^{(00)}m_{210}^{(20)}m_{031}^{(21)} - m_{002}^{(00)}m_{210}^{(20)}m_{022}^{(11)}\\
&-m_{002}^{(00)}m_{210}^{(21)}m_{121}^{(21)} - m_{002}^{(00)}m_{210}^{(21)}m_{112}^{(11)} + 2m_{002}^{(00)}m_{210}^{(21)}m_{022}^{(10)} + m_{002}^{(00)}m_{210}^{(22)}m_{121}^{(11)}\\
&-m_{002}^{(00)}m_{210}^{(22)}m_{031}^{(10)} + m_{002}^{(00)}m_{201}^{(10)}m_{031}^{(21)} - m_{002}^{(00)}m_{201}^{(10)}m_{022}^{(11)} - m_{002}^{(00)}m_{201}^{(11)}m_{121}^{(21)}\\
&+m_{002}^{(00)}m_{201}^{(11)}m_{022}^{(10)} - m_{002}^{(00)}m_{201}^{(20)}m_{040}^{(21)} + m_{002}^{(00)}m_{201}^{(20)}m_{031}^{(11)} + m_{002}^{(00)}m_{201}^{(21)}m_{130}^{(21)}\\
&+m_{002}^{(00)}m_{201}^{(21)}m_{121}^{(11)} - 2m_{002}^{(00)}m_{201}^{(21)}m_{031}^{(10)} - m_{002}^{(00)}m_{201}^{(22)}m_{130}^{(11)} + m_{002}^{(00)}m_{201}^{(22)}m_{040}^{(10)}\\
&+m_{002}^{(00)}m_{120}^{(10)}m_{112}^{(21)} - m_{002}^{(00)}m_{120}^{(10)}m_{103}^{(11)} + m_{002}^{(00)}m_{120}^{(10)}m_{022}^{(20)} - m_{002}^{(00)}m_{120}^{(10)}m_{013}^{(10)}\\
&-m_{002}^{(00)}m_{120}^{(11)}m_{202}^{(21)} - m_{002}^{(00)}m_{120}^{(11)}m_{112}^{(20)} + m_{002}^{(00)}m_{120}^{(11)}m_{103}^{(10)} + m_{002}^{(00)}m_{120}^{(11)}m_{013}^{(00)}\\
&-m_{002}^{(00)}m_{120}^{(20)}m_{121}^{(21)} + m_{002}^{(00)}m_{120}^{(20)}m_{112}^{(11)} - m_{002}^{(00)}m_{120}^{(20)}m_{031}^{(20)} + m_{002}^{(00)}m_{120}^{(20)}m_{022}^{(10)}\\
&+m_{002}^{(00)}m_{120}^{(21)}m_{211}^{(21)} + m_{002}^{(00)}m_{120}^{(21)}m_{202}^{(11)} + m_{002}^{(00)}m_{120}^{(21)}m_{121}^{(20)} - m_{002}^{(00)}m_{120}^{(21)}m_{112}^{(10)}\\
&-2m_{002}^{(00)}m_{120}^{(21)}m_{022}^{(00)} - m_{002}^{(00)}m_{120}^{(22)}m_{211}^{(11)} + m_{002}^{(00)}m_{120}^{(22)}m_{031}^{(00)} - m_{002}^{(00)}m_{111}^{(10)}m_{121}^{(21)}\\
&+m_{002}^{(00)}m_{111}^{(10)}m_{112}^{(11)} - m_{002}^{(00)}m_{111}^{(10)}m_{031}^{(20)} + m_{002}^{(00)}m_{111}^{(10)}m_{022}^{(10)} + m_{002}^{(00)}m_{111}^{(11)}m_{211}^{(21)}\\
&+m_{002}^{(00)}m_{111}^{(11)}m_{121}^{(20)} - m_{002}^{(00)}m_{111}^{(11)}m_{112}^{(10)} - m_{002}^{(00)}m_{111}^{(11)}m_{022}^{(00)} + m_{002}^{(00)}m_{111}^{(20)}m_{130}^{(21)}\\
&-m_{002}^{(00)}m_{111}^{(20)}m_{121}^{(11)} + m_{002}^{(00)}m_{111}^{(20)}m_{040}^{(20)} - m_{002}^{(00)}m_{111}^{(20)}m_{031}^{(10)} - m_{002}^{(00)}m_{111}^{(21)}m_{220}^{(21)}\\
&-m_{002}^{(00)}m_{111}^{(21)}m_{211}^{(11)} - m_{002}^{(00)}m_{111}^{(21)}m_{130}^{(20)} + m_{002}^{(00)}m_{111}^{(21)}m_{121}^{(10)} + 2m_{002}^{(00)}m_{111}^{(21)}m_{031}^{(00)}\\
&+m_{002}^{(00)}m_{111}^{(22)}m_{220}^{(11)} - m_{002}^{(00)}m_{111}^{(22)}m_{040}^{(00)} - m_{002}^{(00)}m_{030}^{(10)}m_{112}^{(20)} + m_{002}^{(00)}m_{030}^{(10)}m_{103}^{(10)}\\
&+m_{002}^{(00)}m_{030}^{(11)}m_{202}^{(20)} - m_{002}^{(00)}m_{030}^{(11)}m_{103}^{(00)} + m_{002}^{(00)}m_{030}^{(20)}m_{121}^{(20)} - m_{002}^{(00)}m_{030}^{(20)}m_{112}^{(10)}\\
&-m_{002}^{(00)}m_{030}^{(21)}m_{211}^{(20)} - m_{002}^{(00)}m_{030}^{(21)}m_{202}^{(10)} + 2m_{002}^{(00)}m_{030}^{(21)}m_{112}^{(00)} + m_{002}^{(00)}m_{030}^{(22)}m_{211}^{(10)}\\
&-m_{002}^{(00)}m_{030}^{(22)}m_{121}^{(00)} + m_{002}^{(00)}m_{021}^{(10)}m_{121}^{(20)} - m_{002}^{(00)}m_{021}^{(10)}m_{112}^{(10)} - m_{002}^{(00)}m_{021}^{(11)}m_{211}^{(20)}\\
&+m_{002}^{(00)}m_{021}^{(11)}m_{112}^{(00)} - m_{002}^{(00)}m_{021}^{(20)}m_{130}^{(20)} + m_{002}^{(00)}m_{021}^{(20)}m_{121}^{(10)} + m_{002}^{(00)}m_{021}^{(21)}m_{220}^{(20)}\\
&+m_{002}^{(00)}m_{021}^{(21)}m_{211}^{(10)} - 2m_{002}^{(00)}m_{021}^{(21)}m_{121}^{(00)} - m_{002}^{(00)}m_{021}^{(22)}m_{220}^{(10)} + m_{002}^{(00)}m_{021}^{(22)}m_{130}^{(00)}\\
&+m_{002}^{(10)}m_{300}^{(10)}m_{022}^{(21)} - m_{002}^{(10)}m_{300}^{(10)}m_{013}^{(11)} - m_{002}^{(10)}m_{300}^{(11)}m_{112}^{(21)} + m_{002}^{(10)}m_{300}^{(11)}m_{013}^{(10)}\\
&-m_{002}^{(10)}m_{300}^{(20)}m_{031}^{(21)} + m_{002}^{(10)}m_{300}^{(20)}m_{022}^{(11)} + m_{002}^{(10)}m_{300}^{(21)}m_{121}^{(21)} + m_{002}^{(10)}m_{300}^{(21)}m_{112}^{(11)}\\
&-2m_{002}^{(10)}m_{300}^{(21)}m_{022}^{(10)} - m_{002}^{(10)}m_{300}^{(22)}m_{121}^{(11)} + m_{002}^{(10)}m_{300}^{(22)}m_{031}^{(10)} + m_{002}^{(10)}m_{210}^{(00)}m_{022}^{(21)}\\
&-m_{002}^{(10)}m_{210}^{(00)}m_{013}^{(11)} - 2m_{002}^{(10)}m_{210}^{(10)}m_{112}^{(21)} + m_{002}^{(10)}m_{210}^{(10)}m_{103}^{(11)} - m_{002}^{(10)}m_{210}^{(10)}m_{022}^{(20)}
\end{aligned}
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\begin{aligned}
&+2m_{002}^{(10)}m_{210}^{(10)}m_{013}^{(10)}+m_{002}^{(10)}m_{210}^{(11)}m_{202}^{(21)}+m_{002}^{(10)}m_{210}^{(11)}m_{112}^{(20)}-m_{002}^{(10)}m_{210}^{(11)}m_{103}^{(10)}\\
&-m_{002}^{(10)}m_{210}^{(11)}m_{013}^{(00)}+m_{002}^{(10)}m_{210}^{(20)}m_{112}^{(11)}+m_{002}^{(10)}m_{210}^{(20)}m_{031}^{(20)}-2m_{002}^{(10)}m_{210}^{(20)}m_{022}^{(10)}\\
&-m_{002}^{(10)}m_{210}^{(21)}m_{202}^{(11)}-m_{002}^{(10)}m_{210}^{(21)}m_{121}^{(20)}+2m_{002}^{(10)}m_{210}^{(21)}m_{022}^{(00)}+m_{002}^{(10)}m_{210}^{(22)}m_{121}^{(10)}\\
&-m_{002}^{(10)}m_{210}^{(22)}m_{031}^{(00)}-m_{002}^{(10)}m_{201}^{(00)}m_{031}^{(21)}+m_{002}^{(10)}m_{201}^{(00)}m_{022}^{(11)}+m_{002}^{(10)}m_{201}^{(10)}m_{112}^{(11)}\\
&-m_{002}^{(10)}m_{201}^{(10)}m_{022}^{(10)}+m_{002}^{(10)}m_{201}^{(11)}m_{211}^{(21)}-m_{002}^{(10)}m_{201}^{(11)}m_{112}^{(10)}+2m_{002}^{(10)}m_{201}^{(20)}m_{130}^{(21)}\\
&-3m_{002}^{(10)}m_{201}^{(20)}m_{121}^{(11)}+m_{002}^{(10)}m_{201}^{(20)}m_{031}^{(10)}-2m_{002}^{(10)}m_{201}^{(21)}m_{220}^{(21)}-m_{002}^{(10)}m_{201}^{(21)}m_{211}^{(11)}\\
&+3m_{002}^{(10)}m_{201}^{(21)}m_{121}^{(10)}+2m_{002}^{(10)}m_{201}^{(22)}m_{220}^{(11)}-2m_{002}^{(10)}m_{201}^{(22)}m_{130}^{(10)}-m_{002}^{(10)}m_{120}^{(00)}m_{112}^{(21)}\\
&+m_{002}^{(10)}m_{120}^{(00)}m_{103}^{(11)}-m_{002}^{(10)}m_{120}^{(00)}m_{022}^{(20)}+m_{002}^{(10)}m_{120}^{(00)}m_{013}^{(10)}+m_{002}^{(10)}m_{120}^{(10)}m_{202}^{(21)}\\
&+2m_{002}^{(10)}m_{120}^{(10)}m_{112}^{(20)}-2m_{002}^{(10)}m_{120}^{(10)}m_{103}^{(10)}-m_{002}^{(10)}m_{120}^{(10)}m_{013}^{(00)}-m_{002}^{(10)}m_{120}^{(11)}m_{202}^{(20)}\\
&+m_{002}^{(10)}m_{120}^{(11)}m_{103}^{(00)}+m_{002}^{(10)}m_{120}^{(20)}m_{211}^{(21)}-2m_{002}^{(10)}m_{120}^{(20)}m_{202}^{(11)}+m_{002}^{(10)}m_{120}^{(20)}m_{022}^{(00)}\\
&-m_{002}^{(10)}m_{120}^{(21)}m_{301}^{(21)}+2m_{002}^{(10)}m_{120}^{(21)}m_{202}^{(10)}-m_{002}^{(10)}m_{120}^{(21)}m_{112}^{(00)}+m_{002}^{(10)}m_{120}^{(22)}m_{301}^{(11)}\\
&-m_{002}^{(10)}m_{120}^{(22)}m_{211}^{(10)}+m_{002}^{(10)}m_{111}^{(00)}m_{121}^{(21)}-m_{002}^{(10)}m_{111}^{(00)}m_{112}^{(11)}+m_{002}^{(10)}m_{111}^{(00)}m_{031}^{(20)}\\
&-m_{002}^{(10)}m_{111}^{(00)}m_{022}^{(10)}-m_{002}^{(10)}m_{111}^{(10)}m_{202}^{(11)}+m_{002}^{(10)}m_{111}^{(10)}m_{022}^{(00)}-m_{002}^{(10)}m_{111}^{(11)}m_{301}^{(21)}\\
&-m_{002}^{(10)}m_{111}^{(11)}m_{211}^{(20)}+m_{002}^{(10)}m_{111}^{(11)}m_{202}^{(10)}+m_{002}^{(10)}m_{111}^{(11)}m_{112}^{(00)}-2m_{002}^{(10)}m_{111}^{(20)}m_{220}^{(21)}\\
&+3m_{002}^{(10)}m_{111}^{(20)}m_{211}^{(11)}-2m_{002}^{(10)}m_{111}^{(20)}m_{130}^{(20)}+2m_{002}^{(10)}m_{111}^{(20)}m_{121}^{(10)}-m_{002}^{(10)}m_{111}^{(20)}m_{031}^{(00)}\\
&+2m_{002}^{(10)}m_{111}^{(21)}m_{310}^{(21)}+m_{002}^{(10)}m_{111}^{(21)}m_{301}^{(11)}+2m_{002}^{(10)}m_{111}^{(21)}m_{220}^{(20)}-2m_{002}^{(10)}m_{111}^{(21)}m_{211}^{(10)}\\
&-3m_{002}^{(10)}m_{111}^{(21)}m_{121}^{(00)}-2m_{002}^{(10)}m_{111}^{(22)}m_{310}^{(11)}+2m_{002}^{(10)}m_{111}^{(22)}m_{130}^{(00)}+m_{002}^{(10)}m_{030}^{(00)}m_{112}^{(20)}\\
&-m_{002}^{(10)}m_{030}^{(00)}m_{103}^{(10)}-m_{002}^{(10)}m_{030}^{(10)}m_{202}^{(20)}+m_{002}^{(10)}m_{030}^{(10)}m_{103}^{(00)}-m_{002}^{(10)}m_{030}^{(20)}m_{211}^{(20)}\\
&+2m_{002}^{(10)}m_{030}^{(20)}m_{202}^{(10)}-m_{002}^{(10)}m_{030}^{(20)}m_{112}^{(00)}+m_{002}^{(10)}m_{030}^{(21)}m_{301}^{(20)}-m_{002}^{(10)}m_{030}^{(21)}m_{202}^{(00)}\\
&-m_{002}^{(10)}m_{030}^{(22)}m_{301}^{(10)}+m_{002}^{(10)}m_{030}^{(22)}m_{211}^{(00)}-m_{002}^{(10)}m_{021}^{(00)}m_{121}^{(20)}+m_{002}^{(10)}m_{021}^{(00)}m_{112}^{(10)}\\
&+m_{002}^{(10)}m_{021}^{(10)}m_{202}^{(10)}-m_{002}^{(10)}m_{021}^{(10)}m_{112}^{(00)}+m_{002}^{(10)}m_{021}^{(11)}m_{301}^{(20)}-m_{002}^{(10)}m_{021}^{(11)}m_{202}^{(00)}\\
&+2m_{002}^{(10)}m_{021}^{(20)}m_{220}^{(20)}-3m_{002}^{(10)}m_{021}^{(20)}m_{211}^{(10)}+m_{002}^{(10)}m_{021}^{(20)}m_{121}^{(00)}-2m_{002}^{(10)}m_{021}^{(21)}m_{310}^{(20)}\\
&-m_{002}^{(10)}m_{021}^{(21)}m_{301}^{(10)}+3m_{002}^{(10)}m_{021}^{(21)}m_{211}^{(00)}+2m_{002}^{(10)}m_{021}^{(22)}m_{310}^{(10)}-2m_{002}^{(10)}m_{021}^{(22)}m_{220}^{(00)}\\
&-m_{002}^{(11)}m_{300}^{(00)}m_{022}^{(21)}+m_{002}^{(11)}m_{300}^{(00)}m_{013}^{(11)}+m_{002}^{(11)}m_{300}^{(10)}m_{112}^{(21)}-m_{002}^{(11)}m_{300}^{(10)}m_{013}^{(10)}\\
&+m_{002}^{(11)}m_{300}^{(20)}m_{121}^{(21)}-2m_{002}^{(11)}m_{300}^{(20)}m_{112}^{(11)}+m_{002}^{(11)}m_{300}^{(20)}m_{022}^{(10)}-m_{002}^{(11)}m_{300}^{(21)}m_{211}^{(21)}\\
&+m_{002}^{(11)}m_{300}^{(21)}m_{112}^{(10)}+m_{002}^{(11)}m_{300}^{(22)}m_{211}^{(11)}-m_{002}^{(11)}m_{300}^{(22)}m_{121}^{(10)}+m_{002}^{(11)}m_{210}^{(00)}m_{112}^{(21)}\\
&-m_{002}^{(11)}m_{210}^{(00)}m_{103}^{(11)}+m_{002}^{(11)}m_{210}^{(00)}m_{022}^{(20)}-m_{002}^{(11)}m_{210}^{(00)}m_{013}^{(10)}-m_{002}^{(11)}m_{210}^{(10)}m_{202}^{(21)}\\
&-m_{002}^{(11)}m_{210}^{(10)}m_{112}^{(20)}+m_{002}^{(11)}m_{210}^{(10)}m_{103}^{(10)}+m_{002}^{(11)}m_{210}^{(10)}m_{013}^{(00)}-m_{002}^{(11)}m_{210}^{(20)}m_{211}^{(21)}\\
&+2m_{002}^{(11)}m_{210}^{(20)}m_{202}^{(11)}-m_{002}^{(11)}m_{210}^{(20)}m_{121}^{(20)}+m_{002}^{(11)}m_{210}^{(20)}m_{112}^{(10)}-m_{002}^{(11)}m_{210}^{(20)}m_{022}^{(00)}\\
&+m_{002}^{(11)}m_{210}^{(21)}m_{301}^{(21)}+m_{002}^{(11)}m_{210}^{(21)}m_{211}^{(20)}-m_{002}^{(11)}m_{210}^{(21)}m_{202}^{(10)}-m_{002}^{(11)}m_{210}^{(21)}m_{112}^{(00)}\\
&-m_{002}^{(11)}m_{210}^{(22)}m_{301}^{(11)}+m_{002}^{(11)}m_{210}^{(22)}m_{121}^{(00)}+m_{002}^{(11)}m_{201}^{(00)}m_{121}^{(21)}-m_{002}^{(11)}m_{201}^{(00)}m_{112}^{(11)}\\
&-m_{002}^{(11)}m_{201}^{(10)}m_{211}^{(21)}+m_{002}^{(11)}m_{201}^{(10)}m_{112}^{(10)}-m_{002}^{(11)}m_{201}^{(20)}m_{220}^{(21)}+2m_{002}^{(11)}m_{201}^{(20)}m_{211}^{(11)}\\
&-m_{002}^{(11)}m_{201}^{(20)}m_{121}^{(10)}+m_{002}^{(11)}m_{201}^{(21)}m_{310}^{(21)}-m_{002}^{(11)}m_{201}^{(21)}m_{211}^{(10)}-m_{002}^{(11)}m_{201}^{(22)}m_{310}^{(11)}\\
&+m_{002}^{(11)}m_{201}^{(22)}m_{220}^{(10)}-m_{002}^{(11)}m_{120}^{(00)}m_{112}^{(20)}+m_{002}^{(11)}m_{120}^{(00)}m_{103}^{(10)}+m_{002}^{(11)}m_{120}^{(10)}m_{202}^{(20)}\\
&-m_{002}^{(11)}m_{120}^{(10)}m_{103}^{(00)}+m_{002}^{(11)}m_{120}^{(20)}m_{211}^{(20)}-2m_{002}^{(11)}m_{120}^{(20)}m_{202}^{(10)}+m_{002}^{(11)}m_{120}^{(20)}m_{112}^{(00)}\\
&-m_{002}^{(11)}m_{120}^{(21)}m_{301}^{(20)}+m_{002}^{(11)}m_{120}^{(21)}m_{202}^{(00)}+m_{002}^{(11)}m_{120}^{(22)}m_{301}^{(10)}-m_{002}^{(11)}m_{120}^{(22)}m_{211}^{(00)}\\
&-m_{002}^{(11)}m_{111}^{(00)}m_{211}^{(21)}+m_{002}^{(11)}m_{111}^{(00)}m_{202}^{(11)}-m_{002}^{(11)}m_{111}^{(00)}m_{121}^{(20)}+m_{002}^{(11)}m_{111}^{(00)}m_{112}^{(10)}\\
&+m_{002}^{(11)}m_{111}^{(10)}m_{301}^{(21)}+m_{002}^{(11)}m_{111}^{(10)}m_{211}^{(20)}-m_{002}^{(11)}m_{111}^{(10)}m_{202}^{(10)}-m_{002}^{(11)}m_{111}^{(10)}m_{112}^{(00)}
\end{aligned}
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\begin{aligned}
&+m_{002}^{(11)}m_{111}^{(20)}m_{310}^{(21)} - 2m_{002}^{(11)}m_{111}^{(20)}m_{301}^{(11)} + m_{002}^{(11)}m_{111}^{(20)}m_{220}^{(20)} - m_{002}^{(11)}m_{111}^{(20)}m_{211}^{(10)}\\
&+m_{002}^{(11)}m_{111}^{(20)}m_{121}^{(00)} - m_{002}^{(11)}m_{111}^{(21)}m_{400}^{(21)} - m_{002}^{(11)}m_{111}^{(21)}m_{310}^{(20)} + m_{002}^{(11)}m_{111}^{(21)}m_{301}^{(10)}\\
&+m_{002}^{(11)}m_{111}^{(21)}m_{211}^{(00)} + m_{002}^{(11)}m_{111}^{(22)}m_{400}^{(11)} - m_{002}^{(11)}m_{111}^{(22)}m_{220}^{(00)} + m_{002}^{(11)}m_{021}^{(00)}m_{211}^{(20)}\\
&-m_{002}^{(11)}m_{021}^{(00)}m_{202}^{(10)} - m_{002}^{(11)}m_{021}^{(10)}m_{301}^{(20)} + m_{002}^{(11)}m_{021}^{(10)}m_{202}^{(00)} - m_{002}^{(11)}m_{021}^{(20)}m_{310}^{(20)}\\
&+2m_{002}^{(11)}m_{021}^{(20)}m_{301}^{(10)} - m_{002}^{(11)}m_{021}^{(20)}m_{211}^{(00)} + m_{002}^{(11)}m_{021}^{(21)}m_{400}^{(20)} - m_{002}^{(11)}m_{021}^{(21)}m_{301}^{(00)}\\
&-m_{002}^{(11)}m_{021}^{(22)}m_{400}^{(10)} + m_{002}^{(11)}m_{021}^{(22)}m_{310}^{(00)} - m_{002}^{(20)}m_{300}^{(10)}m_{031}^{(21)} + m_{002}^{(20)}m_{300}^{(10)}m_{022}^{(11)}\\
&+m_{002}^{(20)}m_{300}^{(11)}m_{121}^{(21)} - m_{002}^{(20)}m_{300}^{(11)}m_{022}^{(10)} + m_{002}^{(20)}m_{300}^{(20)}m_{040}^{(21)} - m_{002}^{(20)}m_{300}^{(20)}m_{031}^{(11)}\\
&-m_{002}^{(20)}m_{300}^{(21)}m_{130}^{(21)} - m_{002}^{(20)}m_{300}^{(21)}m_{121}^{(11)} + 2m_{002}^{(20)}m_{300}^{(21)}m_{031}^{(10)} + m_{002}^{(20)}m_{300}^{(22)}m_{130}^{(11)}\\
&-m_{002}^{(20)}m_{300}^{(22)}m_{040}^{(10)} - m_{002}^{(20)}m_{210}^{(00)}m_{031}^{(21)} + m_{002}^{(20)}m_{210}^{(00)}m_{022}^{(11)} + 4m_{002}^{(20)}m_{210}^{(10)}m_{121}^{(21)}\\
&-3m_{002}^{(20)}m_{210}^{(10)}m_{112}^{(11)} + m_{002}^{(20)}m_{210}^{(10)}m_{031}^{(20)} - 2m_{002}^{(20)}m_{210}^{(10)}m_{022}^{(10)} - 3m_{002}^{(20)}m_{210}^{(11)}m_{211}^{(21)}\\
&-m_{002}^{(20)}m_{210}^{(11)}m_{121}^{(20)} + 3m_{002}^{(20)}m_{210}^{(11)}m_{112}^{(10)} + m_{002}^{(20)}m_{210}^{(11)}m_{022}^{(00)} - 2m_{002}^{(20)}m_{210}^{(20)}m_{130}^{(21)}\\
&+m_{002}^{(20)}m_{210}^{(20)}m_{121}^{(11)} - m_{002}^{(20)}m_{210}^{(20)}m_{040}^{(20)} + 2m_{002}^{(20)}m_{210}^{(20)}m_{031}^{(10)} + 2m_{002}^{(20)}m_{210}^{(21)}m_{220}^{(21)}\\
&+3m_{002}^{(20)}m_{210}^{(21)}m_{211}^{(11)} + m_{002}^{(20)}m_{210}^{(21)}m_{130}^{(20)} - 4m_{002}^{(20)}m_{210}^{(21)}m_{121}^{(10)} - 2m_{002}^{(20)}m_{210}^{(21)}m_{031}^{(00)}\\
&-2m_{002}^{(20)}m_{210}^{(22)}m_{220}^{(11)} + m_{002}^{(20)}m_{210}^{(22)}m_{130}^{(10)} + m_{002}^{(20)}m_{210}^{(22)}m_{040}^{(00)} + m_{002}^{(20)}m_{201}^{(00)}m_{040}^{(21)}\\
&-m_{002}^{(20)}m_{201}^{(00)}m_{031}^{(11)} - 2m_{002}^{(20)}m_{201}^{(10)}m_{130}^{(21)} + m_{002}^{(20)}m_{201}^{(10)}m_{121}^{(11)} + m_{002}^{(20)}m_{201}^{(10)}m_{031}^{(10)}\\
&+m_{002}^{(20)}m_{201}^{(11)}m_{220}^{(21)} - m_{002}^{(20)}m_{201}^{(11)}m_{121}^{(10)} + m_{002}^{(20)}m_{201}^{(20)}m_{130}^{(11)} - m_{002}^{(20)}m_{201}^{(20)}m_{040}^{(10)}\\
&-m_{002}^{(20)}m_{201}^{(21)}m_{220}^{(11)} + m_{002}^{(20)}m_{201}^{(21)}m_{130}^{(10)} + m_{002}^{(20)}m_{120}^{(00)}m_{121}^{(21)} - m_{002}^{(20)}m_{120}^{(00)}m_{112}^{(11)}\\
&+m_{002}^{(20)}m_{120}^{(00)}m_{031}^{(20)} - m_{002}^{(20)}m_{120}^{(00)}m_{022}^{(10)} - 3m_{002}^{(20)}m_{120}^{(10)}m_{211}^{(21)} + 2m_{002}^{(20)}m_{120}^{(10)}m_{202}^{(11)}\\
&-4m_{002}^{(20)}m_{120}^{(10)}m_{121}^{(20)} + 4m_{002}^{(20)}m_{120}^{(10)}m_{112}^{(10)} + m_{002}^{(20)}m_{120}^{(10)}m_{022}^{(00)} + 2m_{002}^{(20)}m_{120}^{(11)}m_{301}^{(21)}\\
&+3m_{002}^{(20)}m_{120}^{(11)}m_{211}^{(20)} - 2m_{002}^{(20)}m_{120}^{(11)}m_{202}^{(10)} - 3m_{002}^{(20)}m_{120}^{(11)}m_{112}^{(00)} + m_{002}^{(20)}m_{120}^{(20)}m_{220}^{(21)}\\
&+2m_{002}^{(20)}m_{120}^{(20)}m_{130}^{(20)} - 2m_{002}^{(20)}m_{120}^{(20)}m_{121}^{(10)} - m_{002}^{(20)}m_{120}^{(20)}m_{031}^{(00)} - m_{002}^{(20)}m_{120}^{(21)}m_{310}^{(21)}\\
&-2m_{002}^{(20)}m_{120}^{(21)}m_{301}^{(11)} - 2m_{002}^{(20)}m_{120}^{(21)}m_{220}^{(20)} + 5m_{002}^{(20)}m_{120}^{(21)}m_{121}^{(00)} + m_{002}^{(20)}m_{120}^{(22)}m_{310}^{(11)}\\
&+m_{002}^{(20)}m_{120}^{(22)}m_{220}^{(10)} - 2m_{002}^{(20)}m_{120}^{(22)}m_{130}^{(00)} - m_{002}^{(20)}m_{111}^{(00)}m_{130}^{(21)} + m_{002}^{(20)}m_{111}^{(00)}m_{121}^{(11)}\\
&-m_{002}^{(20)}m_{111}^{(00)}m_{040}^{(20)} + m_{002}^{(20)}m_{111}^{(00)}m_{031}^{(10)} + 2m_{002}^{(20)}m_{111}^{(10)}m_{220}^{(21)} - m_{002}^{(20)}m_{111}^{(10)}m_{211}^{(11)}\\
&+2m_{002}^{(20)}m_{111}^{(10)}m_{130}^{(20)} - 2m_{002}^{(20)}m_{111}^{(10)}m_{121}^{(10)} - m_{002}^{(20)}m_{111}^{(10)}m_{031}^{(00)} - m_{002}^{(20)}m_{111}^{(11)}m_{310}^{(21)}\\
&-m_{002}^{(20)}m_{111}^{(11)}m_{220}^{(20)} + m_{002}^{(20)}m_{111}^{(11)}m_{211}^{(10)} + m_{002}^{(20)}m_{111}^{(11)}m_{121}^{(00)} - m_{002}^{(20)}m_{111}^{(20)}m_{220}^{(11)}\\
&+m_{002}^{(20)}m_{111}^{(20)}m_{040}^{(00)} + m_{002}^{(20)}m_{111}^{(21)}m_{310}^{(11)} - m_{002}^{(20)}m_{111}^{(21)}m_{130}^{(00)} - m_{002}^{(20)}m_{030}^{(00)}m_{121}^{(20)}\\
&+m_{002}^{(20)}m_{030}^{(00)}m_{112}^{(10)} + 3m_{002}^{(20)}m_{030}^{(10)}m_{211}^{(20)} - 2m_{002}^{(20)}m_{030}^{(10)}m_{202}^{(10)} - m_{002}^{(20)}m_{030}^{(10)}m_{112}^{(00)}\\
&-2m_{002}^{(20)}m_{030}^{(11)}m_{301}^{(20)} + 2m_{002}^{(20)}m_{030}^{(11)}m_{202}^{(00)} - m_{002}^{(20)}m_{030}^{(20)}m_{220}^{(20)} + m_{002}^{(20)}m_{030}^{(20)}m_{121}^{(00)}\\
&+m_{002}^{(20)}m_{030}^{(21)}m_{310}^{(20)} + 2m_{002}^{(20)}m_{030}^{(21)}m_{301}^{(10)} - 3m_{002}^{(20)}m_{030}^{(21)}m_{211}^{(00)} - m_{002}^{(20)}m_{030}^{(22)}m_{310}^{(10)}\\
&+m_{002}^{(20)}m_{030}^{(22)}m_{220}^{(00)} + m_{002}^{(20)}m_{021}^{(00)}m_{130}^{(20)} - m_{002}^{(20)}m_{021}^{(00)}m_{121}^{(10)} - 2m_{002}^{(20)}m_{021}^{(10)}m_{220}^{(20)}\\
&+m_{002}^{(20)}m_{021}^{(10)}m_{211}^{(10)} + m_{002}^{(20)}m_{021}^{(10)}m_{121}^{(00)} + m_{002}^{(20)}m_{021}^{(11)}m_{310}^{(20)} - m_{002}^{(20)}m_{021}^{(11)}m_{211}^{(00)}\\
&+m_{002}^{(20)}m_{021}^{(20)}m_{220}^{(10)} - m_{002}^{(20)}m_{021}^{(20)}m_{130}^{(00)} - m_{002}^{(20)}m_{021}^{(21)}m_{310}^{(10)} + m_{002}^{(20)}m_{021}^{(21)}m_{220}^{(00)}\\
&+2m_{002}^{(21)}m_{300}^{(00)}m_{031}^{(21)} - 2m_{002}^{(21)}m_{300}^{(00)}m_{022}^{(11)} - 3m_{002}^{(21)}m_{300}^{(10)}m_{121}^{(21)} + m_{002}^{(21)}m_{300}^{(10)}m_{112}^{(11)}\\
&+2m_{002}^{(21)}m_{300}^{(10)}m_{022}^{(10)} + m_{002}^{(21)}m_{300}^{(11)}m_{211}^{(21)} - m_{002}^{(21)}m_{300}^{(11)}m_{112}^{(10)} - m_{002}^{(21)}m_{300}^{(20)}m_{130}^{(21)}\\
&+3m_{002}^{(21)}m_{300}^{(20)}m_{121}^{(11)} - 2m_{002}^{(21)}m_{300}^{(20)}m_{031}^{(10)} + m_{002}^{(21)}m_{300}^{(21)}m_{220}^{(21)} - m_{002}^{(21)}m_{300}^{(21)}m_{211}^{(11)}\\
&-m_{002}^{(21)}m_{300}^{(22)}m_{220}^{(11)} + m_{002}^{(21)}m_{300}^{(22)}m_{130}^{(10)} - 3m_{002}^{(21)}m_{210}^{(00)}m_{121}^{(21)} + 3m_{002}^{(21)}m_{210}^{(00)}m_{112}^{(11)}\\
&-2m_{002}^{(21)}m_{210}^{(00)}m_{031}^{(20)} + 2m_{002}^{(21)}m_{210}^{(00)}m_{022}^{(10)} + 4m_{002}^{(21)}m_{210}^{(10)}m_{211}^{(21)} - m_{002}^{(21)}m_{210}^{(10)}m_{202}^{(11)}
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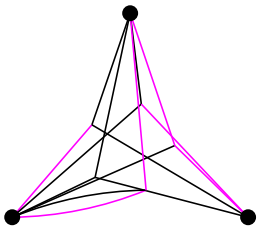
\begin{aligned}
&+3m_{002}^{(21)}m_{210}^{(10)}m_{121}^{(20)} - 4m_{002}^{(21)}m_{210}^{(10)}m_{112}^{(10)} - 2m_{002}^{(21)}m_{210}^{(10)}m_{022}^{(00)} - m_{002}^{(21)}m_{210}^{(11)}m_{301}^{(21)}\\
&-m_{002}^{(21)}m_{210}^{(11)}m_{211}^{(20)} + m_{002}^{(21)}m_{210}^{(11)}m_{202}^{(10)} + m_{002}^{(21)}m_{210}^{(11)}m_{112}^{(00)} + 2m_{002}^{(21)}m_{210}^{(20)}m_{220}^{(21)}\\
&-5m_{002}^{(21)}m_{210}^{(20)}m_{211}^{(11)} + m_{002}^{(21)}m_{210}^{(20)}m_{130}^{(20)} + 2m_{002}^{(21)}m_{210}^{(20)}m_{031}^{(00)} - 2m_{002}^{(21)}m_{210}^{(21)}m_{310}^{(21)}\\
&+m_{002}^{(21)}m_{210}^{(21)}m_{301}^{(11)} - m_{002}^{(21)}m_{210}^{(21)}m_{220}^{(20)} + 2m_{002}^{(21)}m_{210}^{(21)}m_{211}^{(10)} + 2m_{002}^{(21)}m_{210}^{(22)}m_{310}^{(11)}\\
&-m_{002}^{(21)}m_{210}^{(22)}m_{220}^{(10)} - m_{002}^{(21)}m_{210}^{(22)}m_{130}^{(00)} - m_{002}^{(21)}m_{201}^{(00)}m_{130}^{(21)} + m_{002}^{(21)}m_{201}^{(00)}m_{121}^{(11)}\\
&+2m_{002}^{(21)}m_{201}^{(10)}m_{220}^{(21)} - m_{002}^{(21)}m_{201}^{(10)}m_{211}^{(11)} - m_{002}^{(21)}m_{201}^{(10)}m_{121}^{(10)} - m_{002}^{(21)}m_{201}^{(11)}m_{310}^{(21)}\\
&+m_{002}^{(21)}m_{201}^{(11)}m_{211}^{(10)} - m_{002}^{(21)}m_{201}^{(20)}m_{220}^{(11)} + m_{002}^{(21)}m_{201}^{(20)}m_{130}^{(10)} + m_{002}^{(21)}m_{201}^{(21)}m_{310}^{(11)}\\
&-m_{002}^{(21)}m_{201}^{(21)}m_{220}^{(10)} + m_{002}^{(21)}m_{120}^{(00)}m_{211}^{(21)} - m_{002}^{(21)}m_{120}^{(00)}m_{202}^{(11)} + 3m_{002}^{(21)}m_{120}^{(00)}m_{121}^{(20)}\\
&-3m_{002}^{(21)}m_{120}^{(00)}m_{112}^{(10)} - m_{002}^{(21)}m_{120}^{(10)}m_{301}^{(21)} - 4m_{002}^{(21)}m_{120}^{(10)}m_{211}^{(20)} + 2m_{002}^{(21)}m_{120}^{(10)}m_{202}^{(10)}\\
&+3m_{002}^{(21)}m_{120}^{(10)}m_{112}^{(00)} + m_{002}^{(21)}m_{120}^{(11)}m_{301}^{(20)} - m_{002}^{(21)}m_{120}^{(11)}m_{202}^{(00)} - m_{002}^{(21)}m_{120}^{(20)}m_{310}^{(21)}\\
&+2m_{002}^{(21)}m_{120}^{(20)}m_{301}^{(11)} - 2m_{002}^{(21)}m_{120}^{(20)}m_{220}^{(20)} + 4m_{002}^{(21)}m_{120}^{(20)}m_{211}^{(10)} - 3m_{002}^{(21)}m_{120}^{(20)}m_{121}^{(00)}\\
&+m_{002}^{(21)}m_{120}^{(21)}m_{400}^{(21)} + 2m_{002}^{(21)}m_{120}^{(21)}m_{310}^{(20)} - 2m_{002}^{(21)}m_{120}^{(21)}m_{301}^{(10)} - m_{002}^{(21)}m_{120}^{(21)}m_{211}^{(00)}\\
&-m_{002}^{(21)}m_{120}^{(22)}m_{400}^{(11)} - m_{002}^{(21)}m_{120}^{(22)}m_{310}^{(10)} + 2m_{002}^{(21)}m_{120}^{(22)}m_{220}^{(00)} + m_{002}^{(21)}m_{111}^{(00)}m_{220}^{(21)}\\
&-m_{002}^{(21)}m_{111}^{(00)}m_{211}^{(11)} + m_{002}^{(21)}m_{111}^{(00)}m_{130}^{(20)} - m_{002}^{(21)}m_{111}^{(00)}m_{121}^{(10)} - 2m_{002}^{(21)}m_{111}^{(10)}m_{310}^{(21)}\\
&+m_{002}^{(21)}m_{111}^{(10)}m_{301}^{(11)} - 2m_{002}^{(21)}m_{111}^{(10)}m_{220}^{(20)} + 2m_{002}^{(21)}m_{111}^{(10)}m_{211}^{(10)} + m_{002}^{(21)}m_{111}^{(10)}m_{121}^{(00)}\\
&+m_{002}^{(21)}m_{111}^{(11)}m_{400}^{(21)} + m_{002}^{(21)}m_{111}^{(11)}m_{310}^{(20)} - m_{002}^{(21)}m_{111}^{(11)}m_{301}^{(10)} - m_{002}^{(21)}m_{111}^{(11)}m_{211}^{(00)}\\
&+m_{002}^{(21)}m_{111}^{(20)}m_{310}^{(11)} - m_{002}^{(21)}m_{111}^{(20)}m_{130}^{(00)} - m_{002}^{(21)}m_{111}^{(21)}m_{400}^{(11)} + m_{002}^{(21)}m_{111}^{(21)}m_{220}^{(00)}\\
&-m_{002}^{(21)}m_{030}^{(00)}m_{211}^{(20)} + m_{002}^{(21)}m_{030}^{(00)}m_{202}^{(10)} + m_{002}^{(21)}m_{030}^{(10)}m_{301}^{(20)} - m_{002}^{(21)}m_{030}^{(10)}m_{202}^{(00)}\\
&+m_{002}^{(21)}m_{030}^{(20)}m_{310}^{(20)} - 2m_{002}^{(21)}m_{030}^{(20)}m_{301}^{(10)} + m_{002}^{(21)}m_{030}^{(20)}m_{211}^{(00)} - m_{002}^{(21)}m_{030}^{(21)}m_{400}^{(20)}\\
&+m_{002}^{(21)}m_{030}^{(21)}m_{301}^{(00)} + m_{002}^{(21)}m_{030}^{(22)}m_{400}^{(10)} - m_{002}^{(21)}m_{030}^{(22)}m_{310}^{(00)} - m_{002}^{(21)}m_{021}^{(00)}m_{220}^{(20)}\\
&+m_{002}^{(21)}m_{021}^{(00)}m_{211}^{(10)} + 2m_{002}^{(21)}m_{021}^{(10)}m_{310}^{(20)} - m_{002}^{(21)}m_{021}^{(10)}m_{301}^{(10)} - m_{002}^{(21)}m_{021}^{(10)}m_{211}^{(00)}\\
&-m_{002}^{(21)}m_{021}^{(11)}m_{400}^{(20)} + m_{002}^{(21)}m_{021}^{(11)}m_{301}^{(00)} - m_{002}^{(21)}m_{021}^{(20)}m_{310}^{(10)} + m_{002}^{(21)}m_{021}^{(20)}m_{220}^{(00)}\\
&+m_{002}^{(21)}m_{021}^{(21)}m_{400}^{(10)} - m_{002}^{(21)}m_{021}^{(21)}m_{310}^{(00)} - m_{002}^{(22)}m_{300}^{(00)}m_{040}^{(21)} + m_{002}^{(22)}m_{300}^{(00)}m_{031}^{(11)}\\
&+2m_{002}^{(22)}m_{300}^{(10)}m_{130}^{(21)} - m_{002}^{(22)}m_{300}^{(10)}m_{121}^{(11)} - m_{002}^{(22)}m_{300}^{(10)}m_{031}^{(10)} - m_{002}^{(22)}m_{300}^{(11)}m_{220}^{(21)}\\
&+m_{002}^{(22)}m_{300}^{(11)}m_{121}^{(10)} - m_{002}^{(22)}m_{300}^{(20)}m_{130}^{(11)} + m_{002}^{(22)}m_{300}^{(20)}m_{040}^{(10)} + m_{002}^{(22)}m_{300}^{(21)}m_{220}^{(11)}\\
&-m_{002}^{(22)}m_{300}^{(21)}m_{130}^{(10)} + 2m_{002}^{(22)}m_{210}^{(00)}m_{130}^{(21)} - 2m_{002}^{(22)}m_{210}^{(00)}m_{121}^{(11)} + m_{002}^{(22)}m_{210}^{(00)}m_{040}^{(20)}\\
&-m_{002}^{(22)}m_{210}^{(00)}m_{031}^{(10)} - 4m_{002}^{(22)}m_{210}^{(10)}m_{220}^{(21)} + 2m_{002}^{(22)}m_{210}^{(10)}m_{211}^{(11)} - 2m_{002}^{(22)}m_{210}^{(10)}m_{130}^{(20)}\\
&+3m_{002}^{(22)}m_{210}^{(10)}m_{121}^{(10)} + m_{002}^{(22)}m_{210}^{(10)}m_{031}^{(00)} + 2m_{002}^{(22)}m_{210}^{(11)}m_{310}^{(21)} + m_{002}^{(22)}m_{210}^{(11)}m_{220}^{(20)}\\
&-2m_{002}^{(22)}m_{210}^{(11)}m_{211}^{(10)} - m_{002}^{(22)}m_{210}^{(11)}m_{121}^{(00)} + 2m_{002}^{(22)}m_{210}^{(20)}m_{220}^{(11)} - m_{002}^{(22)}m_{210}^{(20)}m_{130}^{(10)}\\
&-m_{002}^{(22)}m_{210}^{(20)}m_{040}^{(00)} - 2m_{002}^{(22)}m_{210}^{(21)}m_{310}^{(11)} + m_{002}^{(22)}m_{210}^{(21)}m_{220}^{(10)} + m_{002}^{(22)}m_{210}^{(21)}m_{130}^{(00)}\\
&-m_{002}^{(22)}m_{120}^{(00)}m_{220}^{(21)} + m_{002}^{(22)}m_{120}^{(00)}m_{211}^{(11)} - 2m_{002}^{(22)}m_{120}^{(00)}m_{130}^{(20)} + 2m_{002}^{(22)}m_{120}^{(00)}m_{121}^{(10)}\\
&+2m_{002}^{(22)}m_{120}^{(10)}m_{310}^{(21)} - m_{002}^{(22)}m_{120}^{(10)}m_{301}^{(11)} + 4m_{002}^{(22)}m_{120}^{(10)}m_{220}^{(20)} - 3m_{002}^{(22)}m_{120}^{(10)}m_{211}^{(10)}\\
&-2m_{002}^{(22)}m_{120}^{(10)}m_{121}^{(00)} - m_{002}^{(22)}m_{120}^{(11)}m_{400}^{(21)} - 2m_{002}^{(22)}m_{120}^{(11)}m_{310}^{(20)} + m_{002}^{(22)}m_{120}^{(11)}m_{301}^{(10)}\\
&+2m_{002}^{(22)}m_{120}^{(11)}m_{211}^{(00)} - m_{002}^{(22)}m_{120}^{(20)}m_{310}^{(11)} - m_{002}^{(22)}m_{120}^{(20)}m_{220}^{(10)} + 2m_{002}^{(22)}m_{120}^{(20)}m_{130}^{(00)}\\
&+m_{002}^{(22)}m_{120}^{(21)}m_{400}^{(11)} + m_{002}^{(22)}m_{120}^{(21)}m_{310}^{(10)} - 2m_{002}^{(22)}m_{120}^{(21)}m_{220}^{(00)} + m_{002}^{(22)}m_{030}^{(00)}m_{220}^{(20)}\\
&-m_{002}^{(22)}m_{030}^{(00)}m_{211}^{(10)} - 2m_{002}^{(22)}m_{030}^{(10)}m_{310}^{(20)} + m_{002}^{(22)}m_{030}^{(10)}m_{301}^{(10)} + m_{002}^{(22)}m_{030}^{(10)}m_{211}^{(00)}\\
&+m_{002}^{(22)}m_{030}^{(11)}m_{400}^{(20)} - m_{002}^{(22)}m_{030}^{(11)}m_{301}^{(00)} + m_{002}^{(22)}m_{030}^{(20)}m_{310}^{(10)} - m_{002}^{(22)}m_{030}^{(20)}m_{220}^{(00)}\\
&-m_{002}^{(22)}m_{030}^{(21)}m_{400}^{(10)} + m_{002}^{(22)}m_{030}^{(21)}m_{310}^{(00)}
\end{aligned}
$$

Generating graph:

$V1$	1	1	$V1$	1
1	$V2$	2	2	2
$V2$	$V3$	$V3$	3	3



$$
\begin{aligned}
T_{137} \;=\;& -m_{200}^{(00)} m_{030}^{(20)} m_{022}^{(22)} + 2m_{200}^{(00)} m_{030}^{(20)} m_{013}^{(21)} - m_{200}^{(00)} m_{030}^{(20)} m_{004}^{(11)} + m_{200}^{(00)} m_{030}^{(21)} m_{112}^{(22)} \\
& - m_{200}^{(00)} m_{030}^{(21)} m_{103}^{(21)} - m_{200}^{(00)} m_{030}^{(21)} m_{013}^{(20)} + m_{200}^{(00)} m_{030}^{(21)} m_{004}^{(10)} - m_{200}^{(00)} m_{030}^{(22)} m_{112}^{(21)} \\
& + m_{200}^{(00)} m_{030}^{(22)} m_{103}^{(11)} + m_{200}^{(00)} m_{030}^{(22)} m_{022}^{(20)} - m_{200}^{(00)} m_{030}^{(22)} m_{013}^{(10)} + m_{200}^{(00)} m_{021}^{(10)} m_{022}^{(22)} \\
& - 2m_{200}^{(00)} m_{021}^{(10)} m_{013}^{(21)} + m_{200}^{(00)} m_{021}^{(10)} m_{004}^{(11)} - m_{200}^{(00)} m_{021}^{(11)} m_{112}^{(22)} + m_{200}^{(00)} m_{021}^{(11)} m_{103}^{(21)} \\
& + m_{200}^{(00)} m_{021}^{(11)} m_{013}^{(20)} - m_{200}^{(00)} m_{021}^{(11)} m_{004}^{(10)} + 2m_{200}^{(00)} m_{021}^{(20)} m_{031}^{(22)} - 4m_{200}^{(00)} m_{021}^{(20)} m_{022}^{(21)} \\
& + 2m_{200}^{(00)} m_{021}^{(20)} m_{013}^{(11)} - 2m_{200}^{(00)} m_{021}^{(21)} m_{121}^{(22)} + 3m_{200}^{(00)} m_{021}^{(21)} m_{112}^{(21)} - m_{200}^{(00)} m_{021}^{(21)} m_{103}^{(11)} \\
& + m_{200}^{(00)} m_{021}^{(21)} m_{022}^{(20)} - m_{200}^{(00)} m_{021}^{(21)} m_{013}^{(10)} + 2m_{200}^{(00)} m_{021}^{(22)} m_{121}^{(21)} - 2m_{200}^{(00)} m_{021}^{(22)} m_{112}^{(11)} \\
& - 2m_{200}^{(00)} m_{021}^{(22)} m_{031}^{(20)} + 2m_{200}^{(00)} m_{021}^{(22)} m_{022}^{(10)} - 2m_{200}^{(00)} m_{012}^{(10)} m_{031}^{(22)} + 4m_{200}^{(00)} m_{012}^{(10)} m_{022}^{(21)} \\
& - 2m_{200}^{(00)} m_{012}^{(10)} m_{013}^{(11)} + 2m_{200}^{(00)} m_{012}^{(11)} m_{121}^{(22)} - 2m_{200}^{(00)} m_{012}^{(11)} m_{112}^{(21)} - 2m_{200}^{(00)} m_{012}^{(11)} m_{022}^{(20)} \\
& + 2m_{200}^{(00)} m_{012}^{(11)} m_{013}^{(10)} - m_{200}^{(00)} m_{012}^{(20)} m_{040}^{(22)} + 2m_{200}^{(00)} m_{012}^{(20)} m_{031}^{(21)} - m_{200}^{(00)} m_{012}^{(20)} m_{022}^{(11)} \\
& + m_{200}^{(00)} m_{012}^{(21)} m_{130}^{(22)} - 3m_{200}^{(00)} m_{012}^{(21)} m_{121}^{(21)} + 2m_{200}^{(00)} m_{012}^{(21)} m_{112}^{(11)} + m_{200}^{(00)} m_{012}^{(21)} m_{031}^{(20)} \\
& - m_{200}^{(00)} m_{012}^{(21)} m_{022}^{(10)} - m_{200}^{(00)} m_{012}^{(22)} m_{130}^{(21)} + m_{200}^{(00)} m_{012}^{(22)} m_{121}^{(11)} + m_{200}^{(00)} m_{012}^{(22)} m_{040}^{(20)} \\
& - m_{200}^{(00)} m_{012}^{(22)} m_{031}^{(10)} + m_{200}^{(00)} m_{003}^{(10)} m_{040}^{(22)} - 2m_{200}^{(00)} m_{003}^{(10)} m_{031}^{(21)} + m_{200}^{(00)} m_{003}^{(10)} m_{022}^{(11)} \\
& - m_{200}^{(00)} m_{003}^{(11)} m_{130}^{(22)} + m_{200}^{(00)} m_{003}^{(11)} m_{121}^{(21)} + m_{200}^{(00)} m_{003}^{(11)} m_{031}^{(20)} - m_{200}^{(00)} m_{003}^{(11)} m_{022}^{(10)} \\
& + m_{200}^{(00)} m_{003}^{(21)} m_{130}^{(21)} - m_{200}^{(00)} m_{003}^{(21)} m_{121}^{(11)} - m_{200}^{(00)} m_{003}^{(21)} m_{040}^{(20)} + m_{200}^{(00)} m_{003}^{(21)} m_{031}^{(10)} \\
& + m_{200}^{(10)} m_{120}^{(20)} m_{022}^{(22)} - 2m_{200}^{(10)} m_{120}^{(20)} m_{013}^{(21)} + m_{200}^{(10)} m_{120}^{(20)} m_{004}^{(11)} - m_{200}^{(10)} m_{120}^{(21)} m_{112}^{(22)} \\
& + m_{200}^{(10)} m_{120}^{(21)} m_{103}^{(21)} + m_{200}^{(10)} m_{120}^{(21)} m_{013}^{(20)} - m_{200}^{(10)} m_{120}^{(21)} m_{004}^{(10)} + m_{200}^{(10)} m_{120}^{(22)} m_{112}^{(21)} \\
& - m_{200}^{(10)} m_{120}^{(22)} m_{103}^{(11)} - m_{200}^{(10)} m_{120}^{(22)} m_{022}^{(20)} + m_{200}^{(10)} m_{120}^{(22)} m_{013}^{(10)} - 2m_{200}^{(10)} m_{111}^{(20)} m_{031}^{(22)} \\
& + 4m_{200}^{(10)} m_{111}^{(20)} m_{022}^{(21)} - 2m_{200}^{(10)} m_{111}^{(20)} m_{013}^{(11)} + 2m_{200}^{(10)} m_{111}^{(21)} m_{121}^{(22)} - 2m_{200}^{(10)} m_{111}^{(21)} m_{112}^{(21)} \\
& - 2m_{200}^{(10)} m_{111}^{(21)} m_{022}^{(20)} + 2m_{200}^{(10)} m_{111}^{(21)} m_{013}^{(10)} - 2m_{200}^{(10)} m_{111}^{(22)} m_{121}^{(21)} + 2m_{200}^{(10)} m_{111}^{(22)} m_{112}^{(11)} \\
& + 2m_{200}^{(10)} m_{111}^{(22)} m_{031}^{(20)} - 2m_{200}^{(10)} m_{111}^{(22)} m_{022}^{(10)} + m_{200}^{(10)} m_{102}^{(20)} m_{040}^{(22)} - 2m_{200}^{(10)} m_{102}^{(20)} m_{031}^{(21)} \\
& + m_{200}^{(10)} m_{102}^{(20)} m_{022}^{(11)} - m_{200}^{(10)} m_{102}^{(21)} m_{130}^{(22)} + m_{200}^{(10)} m_{102}^{(21)} m_{121}^{(21)} + m_{200}^{(10)} m_{102}^{(21)} m_{031}^{(20)} \\
& - m_{200}^{(10)} m_{102}^{(21)} m_{022}^{(10)} + m_{200}^{(10)} m_{102}^{(22)} m_{130}^{(21)} - m_{200}^{(10)} m_{102}^{(22)} m_{121}^{(11)} - m_{200}^{(10)} m_{102}^{(22)} m_{040}^{(20)} \\
& + m_{200}^{(10)} m_{102}^{(22)} m_{031}^{(10)} + m_{200}^{(10)} m_{030}^{(20)} m_{112}^{(22)} - m_{200}^{(10)} m_{030}^{(20)} m_{103}^{(21)} - m_{200}^{(10)} m_{030}^{(20)} m_{013}^{(20)} \\
& + m_{200}^{(10)} m_{030}^{(20)} m_{004}^{(10)} - m_{200}^{(10)} m_{030}^{(21)} m_{202}^{(22)} + 2m_{200}^{(10)} m_{030}^{(21)} m_{103}^{(20)} - m_{200}^{(10)} m_{030}^{(21)} m_{004}^{(00)} \\
& + m_{200}^{(10)} m_{030}^{(22)} m_{202}^{(21)} - m_{200}^{(10)} m_{030}^{(22)} m_{112}^{(20)} - m_{200}^{(10)} m_{030}^{(22)} m_{103}^{(10)} + m_{200}^{(10)} m_{030}^{(22)} m_{013}^{(00)} \\
& - m_{200}^{(10)} m_{021}^{(00)} m_{022}^{(22)} + 2m_{200}^{(10)} m_{021}^{(00)} m_{013}^{(21)} - m_{200}^{(10)} m_{021}^{(00)} m_{004}^{(11)} + m_{200}^{(10)} m_{021}^{(11)} m_{202}^{(22)} \\
& - 2m_{200}^{(10)} m_{021}^{(11)} m_{103}^{(20)} + m_{200}^{(10)} m_{021}^{(11)} m_{004}^{(00)} - 2m_{200}^{(10)} m_{021}^{(20)} m_{121}^{(22)} + m_{200}^{(10)} m_{021}^{(20)} m_{112}^{(21)}
\end{aligned}
$$

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\begin{aligned}
&+m_{200}^{(10)}m_{021}^{(20)}m_{103}^{(11)}+3m_{200}^{(10)}m_{021}^{(20)}m_{022}^{(20)}-3m_{200}^{(10)}m_{021}^{(20)}m_{013}^{(10)}+2m_{200}^{(10)}m_{021}^{(21)}m_{211}^{(22)}\\
&-m_{200}^{(10)}m_{021}^{(21)}m_{202}^{(21)}-3m_{200}^{(10)}m_{021}^{(21)}m_{112}^{(20)}+m_{200}^{(10)}m_{021}^{(21)}m_{103}^{(10)}+m_{200}^{(10)}m_{021}^{(21)}m_{013}^{(00)}\\
&-2m_{200}^{(10)}m_{021}^{(22)}m_{211}^{(21)}+2m_{200}^{(10)}m_{021}^{(22)}m_{121}^{(20)}+2m_{200}^{(10)}m_{021}^{(22)}m_{112}^{(10)}-2m_{200}^{(10)}m_{021}^{(22)}m_{022}^{(00)}\\
&+2m_{200}^{(10)}m_{012}^{(00)}m_{031}^{(22)}-4m_{200}^{(10)}m_{012}^{(00)}m_{022}^{(21)}+2m_{200}^{(10)}m_{012}^{(00)}m_{013}^{(11)}-2m_{200}^{(10)}m_{012}^{(11)}m_{211}^{(22)}\\
&+4m_{200}^{(10)}m_{012}^{(11)}m_{112}^{(20)}-2m_{200}^{(10)}m_{012}^{(11)}m_{013}^{(00)}+m_{200}^{(10)}m_{012}^{(20)}m_{130}^{(22)}+m_{200}^{(10)}m_{012}^{(20)}m_{121}^{(21)}\\
&-2m_{200}^{(10)}m_{012}^{(20)}m_{112}^{(11)}-3m_{200}^{(10)}m_{012}^{(20)}m_{031}^{(20)}+3m_{200}^{(10)}m_{012}^{(20)}m_{022}^{(10)}-m_{200}^{(10)}m_{012}^{(21)}m_{220}^{(22)}\\
&+2m_{200}^{(10)}m_{012}^{(21)}m_{211}^{(21)}-2m_{200}^{(10)}m_{012}^{(21)}m_{112}^{(10)}+m_{200}^{(10)}m_{012}^{(21)}m_{022}^{(00)}+m_{200}^{(10)}m_{012}^{(22)}m_{220}^{(21)}\\
&-m_{200}^{(10)}m_{012}^{(22)}m_{130}^{(20)}-m_{200}^{(10)}m_{012}^{(22)}m_{121}^{(10)}+m_{200}^{(10)}m_{012}^{(22)}m_{031}^{(00)}-m_{200}^{(10)}m_{003}^{(00)}m_{040}^{(22)}\\
&+2m_{200}^{(10)}m_{003}^{(00)}m_{031}^{(21)}-m_{200}^{(10)}m_{003}^{(00)}m_{022}^{(11)}+m_{200}^{(10)}m_{003}^{(11)}m_{220}^{(22)}-2m_{200}^{(10)}m_{003}^{(11)}m_{121}^{(20)}\\
&+m_{200}^{(10)}m_{003}^{(11)}m_{022}^{(00)}-m_{200}^{(10)}m_{003}^{(20)}m_{130}^{(21)}+m_{200}^{(10)}m_{003}^{(20)}m_{121}^{(11)}+m_{200}^{(10)}m_{003}^{(20)}m_{040}^{(20)}\\
&-m_{200}^{(10)}m_{003}^{(20)}m_{031}^{(10)}-m_{200}^{(10)}m_{003}^{(21)}m_{220}^{(21)}+m_{200}^{(10)}m_{003}^{(20)}m_{130}^{(20)}+m_{200}^{(10)}m_{003}^{(21)}m_{121}^{(10)}\\
&-m_{200}^{(10)}m_{003}^{(21)}m_{031}^{(00)}-m_{200}^{(11)}m_{120}^{(20)}m_{112}^{(22)}+m_{200}^{(11)}m_{120}^{(20)}m_{103}^{(21)}+m_{200}^{(11)}m_{120}^{(20)}m_{013}^{(20)}\\
&-m_{200}^{(11)}m_{120}^{(20)}m_{004}^{(10)}+m_{200}^{(11)}m_{120}^{(21)}m_{202}^{(22)}-2m_{200}^{(11)}m_{120}^{(21)}m_{103}^{(20)}+m_{200}^{(11)}m_{120}^{(21)}m_{004}^{(00)}\\
&-m_{200}^{(11)}m_{120}^{(22)}m_{202}^{(21)}+m_{200}^{(11)}m_{120}^{(22)}m_{112}^{(20)}+m_{200}^{(11)}m_{120}^{(22)}m_{103}^{(10)}-m_{200}^{(11)}m_{120}^{(22)}m_{013}^{(00)}\\
&+2m_{200}^{(11)}m_{111}^{(20)}m_{121}^{(22)}-2m_{200}^{(11)}m_{111}^{(20)}m_{112}^{(21)}-2m_{200}^{(11)}m_{111}^{(20)}m_{022}^{(20)}+2m_{200}^{(11)}m_{111}^{(20)}m_{013}^{(10)}\\
&-2m_{200}^{(11)}m_{111}^{(21)}m_{211}^{(22)}+4m_{200}^{(11)}m_{111}^{(21)}m_{112}^{(20)}-2m_{200}^{(11)}m_{111}^{(21)}m_{013}^{(00)}+2m_{200}^{(11)}m_{111}^{(22)}m_{211}^{(21)}\\
&-2m_{200}^{(11)}m_{111}^{(22)}m_{121}^{(20)}-2m_{200}^{(11)}m_{111}^{(22)}m_{112}^{(10)}+2m_{200}^{(11)}m_{111}^{(22)}m_{022}^{(00)}-m_{200}^{(11)}m_{102}^{(20)}m_{130}^{(22)}\\
&+m_{200}^{(11)}m_{102}^{(20)}m_{121}^{(21)}+m_{200}^{(11)}m_{102}^{(20)}m_{031}^{(20)}-m_{200}^{(11)}m_{102}^{(20)}m_{022}^{(10)}+m_{200}^{(11)}m_{102}^{(21)}m_{220}^{(22)}\\
&-2m_{200}^{(11)}m_{102}^{(21)}m_{121}^{(20)}+m_{200}^{(11)}m_{102}^{(21)}m_{022}^{(00)}-m_{200}^{(11)}m_{102}^{(22)}m_{220}^{(21)}+m_{200}^{(11)}m_{102}^{(22)}m_{130}^{(20)}\\
&+m_{200}^{(11)}m_{102}^{(22)}m_{121}^{(10)}-m_{200}^{(11)}m_{102}^{(22)}m_{031}^{(00)}+m_{200}^{(11)}m_{021}^{(00)}m_{112}^{(22)}-m_{200}^{(11)}m_{021}^{(00)}m_{103}^{(21)}\\
&-m_{200}^{(11)}m_{021}^{(00)}m_{013}^{(20)}+m_{200}^{(11)}m_{021}^{(00)}m_{004}^{(10)}-m_{200}^{(11)}m_{021}^{(10)}m_{202}^{(22)}+2m_{200}^{(11)}m_{021}^{(10)}m_{103}^{(20)}\\
&-m_{200}^{(11)}m_{021}^{(10)}m_{004}^{(00)}+m_{200}^{(11)}m_{021}^{(20)}m_{202}^{(21)}-m_{200}^{(11)}m_{021}^{(20)}m_{112}^{(20)}-m_{200}^{(11)}m_{021}^{(20)}m_{103}^{(10)}\\
&+m_{200}^{(11)}m_{021}^{(20)}m_{013}^{(00)}-2m_{200}^{(11)}m_{012}^{(00)}m_{121}^{(22)}+2m_{200}^{(11)}m_{012}^{(00)}m_{112}^{(21)}+2m_{200}^{(11)}m_{012}^{(00)}m_{022}^{(20)}\\
&-2m_{200}^{(11)}m_{012}^{(00)}m_{013}^{(10)}+2m_{200}^{(11)}m_{012}^{(10)}m_{211}^{(22)}-4m_{200}^{(11)}m_{012}^{(10)}m_{112}^{(20)}+2m_{200}^{(11)}m_{012}^{(10)}m_{013}^{(00)}\\
&-2m_{200}^{(11)}m_{012}^{(20)}m_{211}^{(21)}+2m_{200}^{(11)}m_{012}^{(20)}m_{121}^{(20)}+2m_{200}^{(11)}m_{012}^{(20)}m_{112}^{(10)}-2m_{200}^{(11)}m_{012}^{(20)}m_{022}^{(00)}\\
&+m_{200}^{(11)}m_{003}^{(00)}m_{130}^{(22)}-m_{200}^{(11)}m_{003}^{(00)}m_{121}^{(21)}-m_{200}^{(11)}m_{003}^{(00)}m_{031}^{(20)}+m_{200}^{(11)}m_{003}^{(00)}m_{022}^{(10)}\\
&-m_{200}^{(11)}m_{003}^{(10)}m_{220}^{(22)}+2m_{200}^{(11)}m_{003}^{(10)}m_{121}^{(20)}-m_{200}^{(11)}m_{003}^{(10)}m_{022}^{(00)}+m_{200}^{(11)}m_{003}^{(20)}m_{220}^{(21)}\\
&-m_{200}^{(11)}m_{003}^{(20)}m_{130}^{(20)}-m_{200}^{(11)}m_{003}^{(20)}m_{121}^{(10)}+m_{200}^{(11)}m_{003}^{(20)}m_{031}^{(00)}-m_{200}^{(20)}m_{120}^{(10)}m_{022}^{(22)}\\
&+2m_{200}^{(20)}m_{120}^{(10)}m_{013}^{(21)}-m_{200}^{(20)}m_{120}^{(10)}m_{004}^{(11)}+m_{200}^{(20)}m_{120}^{(11)}m_{112}^{(22)}-m_{200}^{(20)}m_{120}^{(11)}m_{103}^{(21)}\\
&-m_{200}^{(20)}m_{120}^{(11)}m_{013}^{(20)}+m_{200}^{(20)}m_{120}^{(11)}m_{004}^{(10)}-m_{200}^{(20)}m_{120}^{(21)}m_{112}^{(21)}+m_{200}^{(20)}m_{120}^{(21)}m_{103}^{(11)}\\
&+m_{200}^{(20)}m_{120}^{(21)}m_{022}^{(20)}-m_{200}^{(20)}m_{120}^{(21)}m_{013}^{(10)}+2m_{200}^{(20)}m_{111}^{(10)}m_{031}^{(22)}-4m_{200}^{(20)}m_{111}^{(10)}m_{022}^{(21)}\\
&+2m_{200}^{(20)}m_{111}^{(10)}m_{013}^{(11)}-2m_{200}^{(20)}m_{111}^{(11)}m_{121}^{(22)}+2m_{200}^{(20)}m_{111}^{(11)}m_{112}^{(21)}+2m_{200}^{(20)}m_{111}^{(11)}m_{022}^{(20)}\\
&-2m_{200}^{(20)}m_{111}^{(11)}m_{013}^{(10)}+2m_{200}^{(20)}m_{111}^{(21)}m_{121}^{(21)}-2m_{200}^{(20)}m_{111}^{(21)}m_{112}^{(11)}-2m_{200}^{(20)}m_{111}^{(21)}m_{031}^{(20)}\\
&+2m_{200}^{(20)}m_{111}^{(21)}m_{022}^{(10)}-m_{200}^{(20)}m_{102}^{(10)}m_{040}^{(22)}+2m_{200}^{(20)}m_{102}^{(10)}m_{031}^{(21)}-m_{200}^{(20)}m_{102}^{(10)}m_{022}^{(11)}\\
&+m_{200}^{(20)}m_{102}^{(11)}m_{130}^{(22)}-m_{200}^{(20)}m_{102}^{(11)}m_{121}^{(21)}-m_{200}^{(20)}m_{102}^{(11)}m_{031}^{(20)}+m_{200}^{(20)}m_{102}^{(11)}m_{022}^{(10)}\\
&-m_{200}^{(20)}m_{102}^{(21)}m_{130}^{(21)}+m_{200}^{(20)}m_{102}^{(21)}m_{121}^{(11)}+m_{200}^{(20)}m_{102}^{(21)}m_{040}^{(20)}-m_{200}^{(20)}m_{102}^{(21)}m_{031}^{(10)}\\
&+m_{200}^{(20)}m_{030}^{(00)}m_{022}^{(22)}-2m_{200}^{(20)}m_{030}^{(00)}m_{013}^{(21)}+m_{200}^{(20)}m_{030}^{(00)}m_{004}^{(11)}-m_{200}^{(20)}m_{030}^{(10)}m_{112}^{(22)}\\
&+m_{200}^{(20)}m_{030}^{(10)}m_{103}^{(21)}+m_{200}^{(20)}m_{030}^{(10)}m_{013}^{(20)}-m_{200}^{(20)}m_{030}^{(10)}m_{004}^{(10)}+m_{200}^{(20)}m_{030}^{(21)}m_{202}^{(21)}
\end{aligned}
$$

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\begin{aligned}
&-m_{200}^{(20)}m_{030}^{(21)}m_{112}^{(20)} - m_{200}^{(20)}m_{030}^{(21)}m_{103}^{(10)} + m_{200}^{(20)}m_{030}^{(21)}m_{013}^{(00)} - m_{200}^{(20)}m_{030}^{(22)}m_{202}^{(11)}\\
&+2m_{200}^{(20)}m_{030}^{(22)}m_{112}^{(10)} - m_{200}^{(20)}m_{030}^{(22)}m_{022}^{(00)} - 2m_{200}^{(20)}m_{021}^{(00)}m_{031}^{(22)} + 4m_{200}^{(20)}m_{021}^{(00)}m_{022}^{(21)}\\
&-2m_{200}^{(20)}m_{021}^{(00)}m_{013}^{(11)} + 2m_{200}^{(20)}m_{021}^{(10)}m_{121}^{(22)} - m_{200}^{(20)}m_{021}^{(10)}m_{112}^{(21)} - m_{200}^{(20)}m_{021}^{(10)}m_{103}^{(11)}\\
&-3m_{200}^{(20)}m_{021}^{(10)}m_{022}^{(20)} + 3m_{200}^{(20)}m_{021}^{(10)}m_{013}^{(10)} - m_{200}^{(20)}m_{021}^{(11)}m_{202}^{(21)} + m_{200}^{(20)}m_{021}^{(11)}m_{112}^{(20)}\\
&+m_{200}^{(20)}m_{021}^{(11)}m_{103}^{(10)} - m_{200}^{(20)}m_{021}^{(11)}m_{013}^{(00)} - 2m_{200}^{(20)}m_{021}^{(21)}m_{211}^{(21)} + m_{200}^{(20)}m_{021}^{(21)}m_{202}^{(11)}\\
&+2m_{200}^{(20)}m_{021}^{(21)}m_{121}^{(20)} - m_{200}^{(20)}m_{021}^{(21)}m_{022}^{(00)} + 2m_{200}^{(20)}m_{021}^{(22)}m_{211}^{(11)} - 4m_{200}^{(20)}m_{021}^{(22)}m_{121}^{(10)}\\
&+2m_{200}^{(20)}m_{021}^{(22)}m_{031}^{(00)} + m_{200}^{(20)}m_{012}^{(00)}m_{040}^{(22)} - 2m_{200}^{(20)}m_{012}^{(00)}m_{031}^{(21)} + m_{200}^{(20)}m_{012}^{(00)}m_{022}^{(11)}\\
&-m_{200}^{(20)}m_{012}^{(10)}m_{130}^{(22)} - m_{200}^{(20)}m_{012}^{(10)}m_{121}^{(21)} + 2m_{200}^{(20)}m_{012}^{(10)}m_{112}^{(11)} + 3m_{200}^{(20)}m_{012}^{(10)}m_{031}^{(20)}\\
&-3m_{200}^{(20)}m_{012}^{(10)}m_{022}^{(10)} + 2m_{200}^{(20)}m_{012}^{(11)}m_{211}^{(21)} - 2m_{200}^{(20)}m_{012}^{(11)}m_{121}^{(20)} - 2m_{200}^{(20)}m_{012}^{(11)}m_{112}^{(10)}\\
&+2m_{200}^{(20)}m_{012}^{(11)}m_{022}^{(00)} + m_{200}^{(20)}m_{012}^{(21)}m_{220}^{(21)} - 2m_{200}^{(20)}m_{012}^{(21)}m_{211}^{(11)} - m_{200}^{(20)}m_{012}^{(21)}m_{130}^{(20)}\\
&+3m_{200}^{(20)}m_{012}^{(21)}m_{121}^{(10)} - m_{200}^{(20)}m_{012}^{(21)}m_{031}^{(00)} - m_{200}^{(20)}m_{012}^{(22)}m_{220}^{(11)} + 2m_{200}^{(20)}m_{012}^{(22)}m_{130}^{(10)}\\
&-m_{200}^{(20)}m_{012}^{(22)}m_{040}^{(00)} + m_{200}^{(20)}m_{003}^{(10)}m_{130}^{(21)} - m_{200}^{(20)}m_{003}^{(10)}m_{121}^{(11)} - m_{200}^{(20)}m_{003}^{(10)}m_{040}^{(20)}\\
&+m_{200}^{(20)}m_{003}^{(10)}m_{031}^{(10)} - m_{200}^{(20)}m_{003}^{(11)}m_{220}^{(21)} + m_{200}^{(20)}m_{003}^{(11)}m_{130}^{(20)} + m_{200}^{(20)}m_{003}^{(11)}m_{121}^{(10)}\\
&-m_{200}^{(20)}m_{003}^{(11)}m_{031}^{(00)} + m_{200}^{(20)}m_{003}^{(21)}m_{220}^{(11)} - 2m_{200}^{(20)}m_{003}^{(21)}m_{130}^{(10)} + m_{200}^{(20)}m_{003}^{(21)}m_{040}^{(00)}\\
&+m_{200}^{(21)}m_{120}^{(10)}m_{112}^{(22)} - m_{200}^{(21)}m_{120}^{(10)}m_{103}^{(21)} - m_{200}^{(21)}m_{120}^{(10)}m_{013}^{(20)} + m_{200}^{(21)}m_{120}^{(10)}m_{004}^{(10)}\\
&-m_{200}^{(21)}m_{120}^{(11)}m_{202}^{(22)} + 2m_{200}^{(21)}m_{120}^{(11)}m_{103}^{(20)} - m_{200}^{(21)}m_{120}^{(11)}m_{004}^{(00)} + m_{200}^{(21)}m_{120}^{(20)}m_{112}^{(21)}\\
&-m_{200}^{(21)}m_{120}^{(20)}m_{103}^{(11)} - m_{200}^{(21)}m_{120}^{(20)}m_{022}^{(20)} + m_{200}^{(21)}m_{120}^{(20)}m_{013}^{(10)} + m_{200}^{(21)}m_{120}^{(22)}m_{202}^{(11)}\\
&-2m_{200}^{(21)}m_{120}^{(22)}m_{112}^{(10)} + m_{200}^{(21)}m_{120}^{(22)}m_{022}^{(00)} - 2m_{200}^{(21)}m_{111}^{(10)}m_{121}^{(22)} + 2m_{200}^{(21)}m_{111}^{(10)}m_{112}^{(21)}\\
&+2m_{200}^{(21)}m_{111}^{(10)}m_{022}^{(20)} - 2m_{200}^{(21)}m_{111}^{(10)}m_{013}^{(10)} + 2m_{200}^{(21)}m_{111}^{(11)}m_{211}^{(22)} - 4m_{200}^{(21)}m_{111}^{(11)}m_{112}^{(20)}\\
&+2m_{200}^{(21)}m_{111}^{(11)}m_{013}^{(00)} - 2m_{200}^{(21)}m_{111}^{(20)}m_{121}^{(21)} + 2m_{200}^{(21)}m_{111}^{(20)}m_{112}^{(11)} + 2m_{200}^{(21)}m_{111}^{(21)}m_{031}^{(20)}\\
&-2m_{200}^{(21)}m_{111}^{(20)}m_{022}^{(10)} - 2m_{200}^{(21)}m_{111}^{(22)}m_{211}^{(11)} + 4m_{200}^{(21)}m_{111}^{(22)}m_{121}^{(10)} - 2m_{200}^{(21)}m_{111}^{(22)}m_{031}^{(00)}\\
&+m_{200}^{(21)}m_{102}^{(10)}m_{130}^{(22)} - m_{200}^{(21)}m_{102}^{(10)}m_{121}^{(21)} - m_{200}^{(21)}m_{102}^{(10)}m_{031}^{(20)} + m_{200}^{(21)}m_{102}^{(10)}m_{022}^{(10)}\\
&-m_{200}^{(21)}m_{102}^{(11)}m_{220}^{(22)} + 2m_{200}^{(21)}m_{102}^{(11)}m_{121}^{(20)} - m_{200}^{(21)}m_{102}^{(11)}m_{022}^{(00)} + m_{200}^{(21)}m_{102}^{(20)}m_{130}^{(21)}\\
&-m_{200}^{(21)}m_{102}^{(20)}m_{121}^{(11)} - m_{200}^{(21)}m_{102}^{(20)}m_{040}^{(20)} + m_{200}^{(21)}m_{102}^{(20)}m_{031}^{(10)} + m_{200}^{(21)}m_{102}^{(22)}m_{220}^{(11)}\\
&-2m_{200}^{(21)}m_{102}^{(22)}m_{130}^{(10)} + m_{200}^{(21)}m_{102}^{(22)}m_{040}^{(00)} - m_{200}^{(21)}m_{030}^{(00)}m_{112}^{(22)} + m_{200}^{(21)}m_{030}^{(00)}m_{103}^{(21)}\\
&+m_{200}^{(21)}m_{030}^{(00)}m_{013}^{(20)} - m_{200}^{(21)}m_{030}^{(00)}m_{004}^{(10)} + m_{200}^{(21)}m_{030}^{(10)}m_{202}^{(22)} - 2m_{200}^{(21)}m_{030}^{(10)}m_{103}^{(20)}\\
&+m_{200}^{(21)}m_{030}^{(10)}m_{004}^{(00)} - m_{200}^{(21)}m_{030}^{(20)}m_{202}^{(21)} + m_{200}^{(21)}m_{030}^{(20)}m_{112}^{(20)} + m_{200}^{(21)}m_{030}^{(20)}m_{103}^{(10)}\\
&-m_{200}^{(21)}m_{030}^{(20)}m_{013}^{(00)} + 2m_{200}^{(21)}m_{021}^{(00)}m_{121}^{(22)} - 3m_{200}^{(21)}m_{021}^{(00)}m_{112}^{(21)} + m_{200}^{(21)}m_{021}^{(00)}m_{103}^{(11)}\\
&-m_{200}^{(21)}m_{021}^{(00)}m_{022}^{(20)} + m_{200}^{(21)}m_{021}^{(00)}m_{013}^{(10)} - 2m_{200}^{(21)}m_{021}^{(10)}m_{211}^{(22)} + m_{200}^{(21)}m_{021}^{(10)}m_{202}^{(21)}\\
&+3m_{200}^{(21)}m_{021}^{(10)}m_{112}^{(20)} - m_{200}^{(21)}m_{021}^{(10)}m_{103}^{(10)} - m_{200}^{(21)}m_{021}^{(10)}m_{013}^{(00)} + 2m_{200}^{(21)}m_{021}^{(20)}m_{211}^{(21)}\\
&-m_{200}^{(21)}m_{021}^{(20)}m_{202}^{(11)} - 2m_{200}^{(21)}m_{021}^{(20)}m_{121}^{(20)} + m_{200}^{(21)}m_{021}^{(20)}m_{022}^{(00)} - m_{200}^{(21)}m_{012}^{(00)}m_{130}^{(22)}\\
&+3m_{200}^{(21)}m_{012}^{(00)}m_{121}^{(21)} - 2m_{200}^{(21)}m_{012}^{(00)}m_{112}^{(11)} - m_{200}^{(21)}m_{012}^{(00)}m_{031}^{(20)} + m_{200}^{(21)}m_{012}^{(00)}m_{022}^{(10)}\\
&+m_{200}^{(21)}m_{012}^{(10)}m_{220}^{(22)} - 2m_{200}^{(21)}m_{012}^{(10)}m_{211}^{(21)} + 2m_{200}^{(21)}m_{012}^{(10)}m_{112}^{(10)} - m_{200}^{(21)}m_{012}^{(10)}m_{022}^{(00)}\\
&-m_{200}^{(21)}m_{012}^{(20)}m_{220}^{(21)} + 2m_{200}^{(21)}m_{012}^{(20)}m_{211}^{(11)} + m_{200}^{(21)}m_{012}^{(20)}m_{130}^{(20)} - 3m_{200}^{(21)}m_{012}^{(20)}m_{121}^{(10)}\\
&+m_{200}^{(21)}m_{012}^{(20)}m_{031}^{(00)} - m_{200}^{(21)}m_{003}^{(00)}m_{130}^{(21)} + m_{200}^{(21)}m_{003}^{(00)}m_{121}^{(11)} + m_{200}^{(21)}m_{003}^{(00)}m_{040}^{(20)}\\
&-m_{200}^{(21)}m_{003}^{(00)}m_{031}^{(10)} + m_{200}^{(21)}m_{003}^{(10)}m_{220}^{(21)} - m_{200}^{(21)}m_{003}^{(10)}m_{130}^{(20)} - m_{200}^{(21)}m_{003}^{(10)}m_{121}^{(10)}\\
&+m_{200}^{(21)}m_{003}^{(10)}m_{031}^{(00)} - m_{200}^{(21)}m_{003}^{(20)}m_{220}^{(11)} + 2m_{200}^{(21)}m_{003}^{(20)}m_{130}^{(10)} - m_{200}^{(21)}m_{003}^{(20)}m_{040}^{(00)}\\
&-m_{200}^{(22)}m_{120}^{(10)}m_{112}^{(21)} + m_{200}^{(22)}m_{120}^{(10)}m_{103}^{(11)} + m_{200}^{(22)}m_{120}^{(10)}m_{022}^{(20)} - m_{200}^{(22)}m_{120}^{(10)}m_{013}^{(10)}
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&+m_{200}^{(22)}m_{120}^{(11)}m_{202}^{(21)} - m_{200}^{(22)}m_{120}^{(11)}m_{112}^{(20)} - m_{200}^{(22)}m_{120}^{(11)}m_{103}^{(10)} + m_{200}^{(22)}m_{120}^{(11)}m_{013}^{(00)}\\
&-m_{200}^{(22)}m_{120}^{(21)}m_{202}^{(11)} + 2m_{200}^{(22)}m_{120}^{(21)}m_{112}^{(10)} - m_{200}^{(22)}m_{120}^{(21)}m_{022}^{(00)} + 2m_{200}^{(22)}m_{111}^{(10)}m_{121}^{(21)}\\
&-2m_{200}^{(22)}m_{111}^{(10)}m_{112}^{(11)} - 2m_{200}^{(22)}m_{111}^{(10)}m_{031}^{(20)} + 2m_{200}^{(22)}m_{111}^{(10)}m_{022}^{(10)} - 2m_{200}^{(22)}m_{111}^{(11)}m_{211}^{(21)}\\
&+2m_{200}^{(22)}m_{111}^{(11)}m_{121}^{(20)} + 2m_{200}^{(22)}m_{111}^{(11)}m_{112}^{(10)} - 2m_{200}^{(22)}m_{111}^{(11)}m_{022}^{(00)} + 2m_{200}^{(22)}m_{111}^{(21)}m_{211}^{(11)}\\
&-4m_{200}^{(22)}m_{111}^{(21)}m_{121}^{(10)} + 2m_{200}^{(22)}m_{111}^{(21)}m_{031}^{(00)} - m_{200}^{(22)}m_{102}^{(10)}m_{130}^{(21)} + m_{200}^{(22)}m_{102}^{(10)}m_{121}^{(11)}\\
&+m_{200}^{(22)}m_{102}^{(10)}m_{040}^{(20)} - m_{200}^{(22)}m_{102}^{(10)}m_{031}^{(10)} + m_{200}^{(22)}m_{102}^{(11)}m_{220}^{(21)} - m_{200}^{(22)}m_{102}^{(11)}m_{130}^{(20)}\\
&-m_{200}^{(22)}m_{102}^{(11)}m_{121}^{(10)} + m_{200}^{(22)}m_{102}^{(11)}m_{031}^{(00)} - m_{200}^{(22)}m_{102}^{(21)}m_{220}^{(11)} + 2m_{200}^{(22)}m_{102}^{(21)}m_{130}^{(10)}\\
&-m_{200}^{(22)}m_{102}^{(21)}m_{040}^{(00)} + m_{200}^{(22)}m_{030}^{(00)}m_{112}^{(21)} - m_{200}^{(22)}m_{030}^{(00)}m_{103}^{(11)} - m_{200}^{(22)}m_{030}^{(00)}m_{022}^{(20)}\\
&+m_{200}^{(22)}m_{030}^{(00)}m_{013}^{(10)} - m_{200}^{(22)}m_{030}^{(10)}m_{202}^{(21)} + m_{200}^{(22)}m_{030}^{(10)}m_{112}^{(20)} + m_{200}^{(22)}m_{030}^{(10)}m_{103}^{(10)}\\
&-m_{200}^{(22)}m_{030}^{(10)}m_{013}^{(00)} + m_{200}^{(22)}m_{030}^{(20)}m_{202}^{(11)} - 2m_{200}^{(22)}m_{030}^{(20)}m_{112}^{(10)} + m_{200}^{(22)}m_{030}^{(20)}m_{022}^{(00)}\\
&-2m_{200}^{(22)}m_{021}^{(00)}m_{121}^{(21)} + 2m_{200}^{(22)}m_{021}^{(00)}m_{112}^{(11)} + 2m_{200}^{(22)}m_{021}^{(00)}m_{031}^{(20)} - 2m_{200}^{(22)}m_{021}^{(00)}m_{022}^{(10)}\\
&+2m_{200}^{(22)}m_{021}^{(10)}m_{211}^{(21)} - 2m_{200}^{(22)}m_{021}^{(10)}m_{121}^{(20)} - 2m_{200}^{(22)}m_{021}^{(10)}m_{112}^{(10)} + 2m_{200}^{(22)}m_{021}^{(10)}m_{022}^{(00)}\\
&-2m_{200}^{(22)}m_{021}^{(20)}m_{211}^{(11)} + 4m_{200}^{(22)}m_{021}^{(20)}m_{121}^{(10)} - 2m_{200}^{(22)}m_{021}^{(20)}m_{031}^{(00)} + m_{200}^{(22)}m_{012}^{(00)}m_{130}^{(21)}\\
&-m_{200}^{(22)}m_{012}^{(00)}m_{121}^{(11)} - m_{200}^{(22)}m_{012}^{(00)}m_{040}^{(20)} + m_{200}^{(22)}m_{012}^{(00)}m_{031}^{(10)} - m_{200}^{(22)}m_{012}^{(10)}m_{220}^{(21)}\\
&+m_{200}^{(22)}m_{012}^{(10)}m_{130}^{(20)} + m_{200}^{(22)}m_{012}^{(10)}m_{121}^{(10)} - m_{200}^{(22)}m_{012}^{(10)}m_{031}^{(00)} + m_{200}^{(22)}m_{012}^{(20)}m_{220}^{(11)}\\
&-2m_{200}^{(22)}m_{012}^{(20)}m_{130}^{(10)} + m_{200}^{(22)}m_{012}^{(20)}m_{040}^{(00)} + 2m_{110}^{(00)}m_{120}^{(20)}m_{022}^{(22)} - 4m_{110}^{(00)}m_{120}^{(20)}m_{013}^{(21)}\\
&+2m_{110}^{(00)}m_{120}^{(20)}m_{004}^{(11)} - 2m_{110}^{(00)}m_{120}^{(21)}m_{112}^{(22)} + 2m_{110}^{(00)}m_{120}^{(21)}m_{103}^{(21)} + 2m_{110}^{(00)}m_{120}^{(21)}m_{013}^{(20)}\\
&-2m_{110}^{(00)}m_{120}^{(21)}m_{004}^{(10)} + 2m_{110}^{(00)}m_{120}^{(22)}m_{112}^{(21)} - 2m_{110}^{(00)}m_{120}^{(22)}m_{103}^{(11)} - 2m_{110}^{(00)}m_{120}^{(22)}m_{022}^{(20)}\\
&+2m_{110}^{(00)}m_{120}^{(22)}m_{013}^{(10)} - 2m_{110}^{(00)}m_{111}^{(10)}m_{022}^{(22)} + 4m_{110}^{(00)}m_{111}^{(10)}m_{013}^{(21)} - 2m_{110}^{(00)}m_{111}^{(10)}m_{004}^{(11)}\\
&+2m_{110}^{(00)}m_{111}^{(11)}m_{112}^{(22)} - 2m_{110}^{(00)}m_{111}^{(11)}m_{103}^{(21)} - 2m_{110}^{(00)}m_{111}^{(11)}m_{013}^{(20)} + 2m_{110}^{(00)}m_{111}^{(11)}m_{004}^{(10)}\\
&-2m_{110}^{(00)}m_{111}^{(20)}m_{031}^{(22)} + 4m_{110}^{(00)}m_{111}^{(20)}m_{022}^{(21)} - 2m_{110}^{(00)}m_{111}^{(20)}m_{013}^{(11)} + 2m_{110}^{(00)}m_{111}^{(21)}m_{121}^{(22)}\\
&-4m_{110}^{(00)}m_{111}^{(21)}m_{112}^{(21)} + 2m_{110}^{(00)}m_{111}^{(21)}m_{103}^{(11)} - 2m_{110}^{(00)}m_{111}^{(22)}m_{121}^{(21)} + 2m_{110}^{(00)}m_{111}^{(22)}m_{112}^{(11)}\\
&+2m_{110}^{(00)}m_{111}^{(22)}m_{031}^{(20)} - 2m_{110}^{(00)}m_{111}^{(22)}m_{022}^{(10)} + 2m_{110}^{(00)}m_{102}^{(10)}m_{031}^{(22)} - 4m_{110}^{(00)}m_{102}^{(10)}m_{022}^{(21)}\\
&+2m_{110}^{(00)}m_{102}^{(10)}m_{013}^{(11)} - 2m_{110}^{(00)}m_{102}^{(11)}m_{121}^{(22)} + 2m_{110}^{(00)}m_{102}^{(11)}m_{112}^{(21)} + 2m_{110}^{(00)}m_{102}^{(11)}m_{022}^{(20)}\\
&-2m_{110}^{(00)}m_{102}^{(11)}m_{013}^{(10)} + 2m_{110}^{(00)}m_{102}^{(21)}m_{121}^{(21)} - 2m_{110}^{(00)}m_{102}^{(21)}m_{112}^{(11)} - 2m_{110}^{(00)}m_{102}^{(21)}m_{031}^{(20)}\\
&+2m_{110}^{(00)}m_{102}^{(21)}m_{022}^{(10)} - 2m_{110}^{(00)}m_{021}^{(20)}m_{121}^{(22)} + 4m_{110}^{(00)}m_{021}^{(20)}m_{112}^{(21)} - 2m_{110}^{(00)}m_{021}^{(20)}m_{103}^{(11)}\\
&+2m_{110}^{(00)}m_{021}^{(21)}m_{211}^{(22)} - 2m_{110}^{(00)}m_{021}^{(21)}m_{202}^{(21)} - 2m_{110}^{(00)}m_{021}^{(21)}m_{112}^{(20)} + 2m_{110}^{(00)}m_{021}^{(21)}m_{103}^{(10)}\\
&-2m_{110}^{(00)}m_{021}^{(22)}m_{211}^{(21)} + 2m_{110}^{(00)}m_{021}^{(22)}m_{202}^{(11)} + 2m_{110}^{(00)}m_{021}^{(22)}m_{121}^{(20)} - 2m_{110}^{(00)}m_{021}^{(22)}m_{112}^{(10)}\\
&+2m_{110}^{(00)}m_{012}^{(10)}m_{121}^{(22)} - 4m_{110}^{(00)}m_{012}^{(10)}m_{112}^{(21)} + 2m_{110}^{(00)}m_{012}^{(10)}m_{103}^{(11)} - 2m_{110}^{(00)}m_{012}^{(11)}m_{211}^{(22)}\\
&+2m_{110}^{(00)}m_{012}^{(11)}m_{202}^{(21)} + 2m_{110}^{(00)}m_{012}^{(11)}m_{112}^{(20)} - 2m_{110}^{(00)}m_{012}^{(11)}m_{103}^{(10)} + 2m_{110}^{(00)}m_{012}^{(20)}m_{130}^{(22)}\\
&-4m_{110}^{(00)}m_{012}^{(20)}m_{121}^{(21)} + 2m_{110}^{(00)}m_{012}^{(20)}m_{112}^{(11)} - 2m_{110}^{(00)}m_{012}^{(21)}m_{220}^{(22)} + 4m_{110}^{(00)}m_{012}^{(21)}m_{211}^{(21)}\\
&-2m_{110}^{(00)}m_{012}^{(21)}m_{202}^{(11)} + 2m_{110}^{(00)}m_{012}^{(22)}m_{220}^{(21)} - 2m_{110}^{(00)}m_{012}^{(22)}m_{211}^{(11)} - 2m_{110}^{(00)}m_{012}^{(22)}m_{130}^{(20)}\\
&+2m_{110}^{(00)}m_{012}^{(22)}m_{121}^{(10)} - 2m_{110}^{(00)}m_{003}^{(10)}m_{130}^{(22)} + 4m_{110}^{(00)}m_{003}^{(10)}m_{121}^{(21)} - 2m_{110}^{(00)}m_{003}^{(10)}m_{112}^{(11)}\\
&+2m_{110}^{(00)}m_{003}^{(11)}m_{220}^{(22)} - 2m_{110}^{(00)}m_{003}^{(11)}m_{211}^{(21)} - 2m_{110}^{(00)}m_{003}^{(11)}m_{121}^{(20)} + 2m_{110}^{(00)}m_{003}^{(11)}m_{112}^{(10)}\\
&-2m_{110}^{(00)}m_{003}^{(21)}m_{220}^{(21)} + 2m_{110}^{(00)}m_{003}^{(21)}m_{211}^{(11)} + 2m_{110}^{(00)}m_{003}^{(21)}m_{130}^{(20)} - 2m_{110}^{(00)}m_{003}^{(21)}m_{121}^{(10)}\\
&-2m_{110}^{(10)}m_{210}^{(20)}m_{022}^{(22)} + 4m_{110}^{(10)}m_{210}^{(20)}m_{013}^{(21)} - 2m_{110}^{(10)}m_{210}^{(20)}m_{004}^{(11)} + 2m_{110}^{(10)}m_{210}^{(21)}m_{112}^{(22)}\\
&-2m_{110}^{(10)}m_{210}^{(21)}m_{103}^{(21)} - 2m_{110}^{(10)}m_{210}^{(21)}m_{013}^{(20)} + 2m_{110}^{(10)}m_{210}^{(21)}m_{004}^{(10)} - 2m_{110}^{(10)}m_{210}^{(22)}m_{112}^{(21)}\\
&+2m_{110}^{(10)}m_{210}^{(22)}m_{103}^{(11)} + 2m_{110}^{(10)}m_{210}^{(22)}m_{022}^{(20)} - 2m_{110}^{(10)}m_{210}^{(22)}m_{013}^{(10)} + 2m_{110}^{(10)}m_{201}^{(20)}m_{031}^{(22)}
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&-4m_{110}^{(10)}m_{201}^{(20)}m_{022}^{(21)} + 2m_{110}^{(10)}m_{201}^{(20)}m_{013}^{(11)} - 2m_{110}^{(10)}m_{201}^{(21)}m_{121}^{(22)} + 2m_{110}^{(10)}m_{201}^{(21)}m_{112}^{(21)}\\
&+2m_{110}^{(10)}m_{201}^{(21)}m_{022}^{(20)} - 2m_{110}^{(10)}m_{201}^{(21)}m_{013}^{(10)} + 2m_{110}^{(10)}m_{201}^{(22)}m_{121}^{(21)} - 2m_{110}^{(10)}m_{201}^{(22)}m_{112}^{(11)}\\
&-2m_{110}^{(10)}m_{201}^{(22)}m_{031}^{(20)} + 2m_{110}^{(10)}m_{201}^{(22)}m_{022}^{(10)} - 2m_{110}^{(10)}m_{120}^{(20)}m_{112}^{(22)} + 2m_{110}^{(10)}m_{120}^{(20)}m_{103}^{(21)}\\
&+2m_{110}^{(10)}m_{120}^{(20)}m_{013}^{(20)} - 2m_{110}^{(10)}m_{120}^{(20)}m_{004}^{(10)} + 2m_{110}^{(10)}m_{120}^{(21)}m_{202}^{(22)} - 4m_{110}^{(10)}m_{120}^{(21)}m_{103}^{(20)}\\
&+2m_{110}^{(10)}m_{120}^{(21)}m_{004}^{(00)} - 2m_{110}^{(10)}m_{120}^{(22)}m_{202}^{(21)} + 2m_{110}^{(10)}m_{120}^{(22)}m_{112}^{(20)} + 2m_{110}^{(10)}m_{120}^{(22)}m_{103}^{(10)}\\
&-2m_{110}^{(10)}m_{120}^{(22)}m_{013}^{(00)} + 2m_{110}^{(10)}m_{111}^{(00)}m_{022}^{(22)} - 4m_{110}^{(10)}m_{111}^{(00)}m_{013}^{(21)} + 2m_{110}^{(10)}m_{111}^{(00)}m_{004}^{(11)}\\
&-2m_{110}^{(10)}m_{111}^{(11)}m_{202}^{(22)} + 4m_{110}^{(10)}m_{111}^{(11)}m_{103}^{(20)} - 2m_{110}^{(10)}m_{111}^{(11)}m_{004}^{(00)} + 4m_{110}^{(10)}m_{111}^{(20)}m_{121}^{(22)}\\
&-4m_{110}^{(10)}m_{111}^{(20)}m_{112}^{(21)} - 4m_{110}^{(10)}m_{111}^{(20)}m_{022}^{(20)} + 4m_{110}^{(10)}m_{111}^{(20)}m_{013}^{(10)} - 4m_{110}^{(10)}m_{111}^{(21)}m_{211}^{(22)}\\
&+4m_{110}^{(10)}m_{111}^{(21)}m_{202}^{(21)} + 4m_{110}^{(10)}m_{111}^{(21)}m_{112}^{(20)} - 4m_{110}^{(10)}m_{111}^{(21)}m_{103}^{(10)} + 4m_{110}^{(10)}m_{111}^{(22)}m_{211}^{(21)}\\
&-2m_{110}^{(10)}m_{111}^{(22)}m_{202}^{(11)} - 4m_{110}^{(10)}m_{111}^{(22)}m_{121}^{(20)} + 2m_{110}^{(10)}m_{111}^{(22)}m_{022}^{(00)} - 2m_{110}^{(10)}m_{102}^{(00)}m_{031}^{(22)}\\
&+4m_{110}^{(10)}m_{102}^{(00)}m_{022}^{(21)} - 2m_{110}^{(10)}m_{102}^{(00)}m_{013}^{(11)} + 2m_{110}^{(10)}m_{102}^{(11)}m_{211}^{(22)} - 4m_{110}^{(10)}m_{102}^{(11)}m_{112}^{(20)}\\
&+2m_{110}^{(10)}m_{102}^{(11)}m_{013}^{(00)} - 2m_{110}^{(10)}m_{102}^{(20)}m_{130}^{(22)} + 2m_{110}^{(10)}m_{102}^{(20)}m_{121}^{(21)} + 2m_{110}^{(10)}m_{102}^{(20)}m_{031}^{(20)}\\
&-2m_{110}^{(10)}m_{102}^{(20)}m_{022}^{(10)} + 2m_{110}^{(10)}m_{102}^{(21)}m_{220}^{(22)} - 4m_{110}^{(10)}m_{102}^{(21)}m_{211}^{(21)} + 4m_{110}^{(10)}m_{102}^{(21)}m_{112}^{(10)}\\
&-2m_{110}^{(10)}m_{102}^{(21)}m_{022}^{(00)} - 2m_{110}^{(10)}m_{102}^{(22)}m_{220}^{(21)} + 2m_{110}^{(10)}m_{102}^{(22)}m_{211}^{(11)} + 2m_{110}^{(10)}m_{102}^{(22)}m_{130}^{(20)}\\
&-2m_{110}^{(10)}m_{102}^{(22)}m_{121}^{(10)} + 2m_{110}^{(10)}m_{021}^{(20)}m_{211}^{(22)} - 2m_{110}^{(10)}m_{021}^{(20)}m_{202}^{(21)} - 2m_{110}^{(10)}m_{021}^{(20)}m_{112}^{(20)}\\
&+2m_{110}^{(10)}m_{021}^{(20)}m_{103}^{(10)} - 2m_{110}^{(10)}m_{021}^{(21)}m_{301}^{(22)} + 4m_{110}^{(10)}m_{021}^{(21)}m_{202}^{(20)} - 2m_{110}^{(10)}m_{021}^{(21)}m_{103}^{(00)}\\
&+2m_{110}^{(10)}m_{021}^{(22)}m_{301}^{(21)} - 2m_{110}^{(10)}m_{021}^{(22)}m_{211}^{(20)} - 2m_{110}^{(10)}m_{021}^{(22)}m_{202}^{(10)} + 2m_{110}^{(10)}m_{021}^{(22)}m_{112}^{(00)}\\
&-2m_{110}^{(10)}m_{012}^{(00)}m_{121}^{(22)} + 4m_{110}^{(10)}m_{012}^{(00)}m_{112}^{(21)} - 2m_{110}^{(10)}m_{012}^{(00)}m_{103}^{(11)} + 2m_{110}^{(10)}m_{012}^{(11)}m_{301}^{(22)}\\
&-4m_{110}^{(10)}m_{012}^{(11)}m_{202}^{(20)} + 2m_{110}^{(10)}m_{012}^{(11)}m_{103}^{(00)} - 2m_{110}^{(10)}m_{012}^{(20)}m_{220}^{(22)} + 2m_{110}^{(10)}m_{012}^{(20)}m_{202}^{(11)}\\
&+4m_{110}^{(10)}m_{012}^{(20)}m_{121}^{(20)} - 4m_{110}^{(10)}m_{012}^{(20)}m_{112}^{(10)} + 2m_{110}^{(10)}m_{012}^{(21)}m_{310}^{(22)} - 2m_{110}^{(10)}m_{012}^{(21)}m_{301}^{(21)}\\
&-2m_{110}^{(10)}m_{012}^{(21)}m_{211}^{(20)} + 2m_{110}^{(10)}m_{012}^{(21)}m_{202}^{(10)} - 2m_{110}^{(10)}m_{012}^{(22)}m_{310}^{(21)} + 2m_{110}^{(10)}m_{012}^{(22)}m_{220}^{(20)}\\
&+2m_{110}^{(10)}m_{012}^{(22)}m_{211}^{(10)} - 2m_{110}^{(10)}m_{012}^{(22)}m_{121}^{(00)} + 2m_{110}^{(10)}m_{003}^{(00)}m_{130}^{(22)} - 4m_{110}^{(10)}m_{003}^{(00)}m_{121}^{(21)}\\
&+2m_{110}^{(10)}m_{003}^{(00)}m_{112}^{(11)} - 2m_{110}^{(10)}m_{003}^{(11)}m_{310}^{(22)} + 4m_{110}^{(10)}m_{003}^{(11)}m_{211}^{(20)} - 2m_{110}^{(10)}m_{003}^{(11)}m_{112}^{(00)}\\
&+2m_{110}^{(10)}m_{003}^{(20)}m_{220}^{(21)} - 2m_{110}^{(10)}m_{003}^{(20)}m_{211}^{(11)} - 2m_{110}^{(10)}m_{003}^{(20)}m_{130}^{(20)} + 2m_{110}^{(10)}m_{003}^{(20)}m_{121}^{(10)}\\
&+2m_{110}^{(10)}m_{003}^{(21)}m_{310}^{(21)} - 2m_{110}^{(10)}m_{003}^{(21)}m_{220}^{(20)} - 2m_{110}^{(10)}m_{003}^{(21)}m_{211}^{(10)} + 2m_{110}^{(10)}m_{003}^{(21)}m_{121}^{(00)}\\
&+2m_{110}^{(11)}m_{210}^{(20)}m_{112}^{(22)} - 2m_{110}^{(11)}m_{210}^{(20)}m_{103}^{(21)} - 2m_{110}^{(11)}m_{210}^{(20)}m_{013}^{(20)} + 2m_{110}^{(11)}m_{210}^{(20)}m_{004}^{(10)}\\
&-2m_{110}^{(11)}m_{210}^{(21)}m_{202}^{(22)} + 4m_{110}^{(11)}m_{210}^{(21)}m_{103}^{(20)} - 2m_{110}^{(11)}m_{210}^{(21)}m_{004}^{(00)} + 2m_{110}^{(11)}m_{210}^{(22)}m_{202}^{(21)}\\
&-2m_{110}^{(11)}m_{210}^{(22)}m_{112}^{(20)} - 2m_{110}^{(11)}m_{210}^{(22)}m_{103}^{(10)} + 2m_{110}^{(11)}m_{210}^{(22)}m_{013}^{(00)} - 2m_{110}^{(11)}m_{201}^{(20)}m_{121}^{(22)}\\
&+2m_{110}^{(11)}m_{201}^{(20)}m_{112}^{(21)} + 2m_{110}^{(11)}m_{201}^{(20)}m_{022}^{(20)} - 2m_{110}^{(11)}m_{201}^{(20)}m_{013}^{(10)} + 2m_{110}^{(11)}m_{201}^{(21)}m_{211}^{(22)}\\
&-4m_{110}^{(11)}m_{201}^{(21)}m_{112}^{(20)} + 2m_{110}^{(11)}m_{201}^{(21)}m_{013}^{(00)} - 2m_{110}^{(11)}m_{201}^{(22)}m_{211}^{(21)} + 2m_{110}^{(11)}m_{201}^{(22)}m_{121}^{(20)}\\
&+2m_{110}^{(11)}m_{201}^{(22)}m_{112}^{(10)} - 2m_{110}^{(11)}m_{201}^{(22)}m_{022}^{(00)} - 2m_{110}^{(11)}m_{111}^{(00)}m_{112}^{(22)} + 2m_{110}^{(11)}m_{111}^{(00)}m_{103}^{(21)}\\
&+2m_{110}^{(11)}m_{111}^{(00)}m_{013}^{(20)} - 2m_{110}^{(11)}m_{111}^{(00)}m_{004}^{(10)} + 2m_{110}^{(11)}m_{111}^{(10)}m_{202}^{(22)} - 4m_{110}^{(11)}m_{111}^{(10)}m_{103}^{(20)}\\
&+2m_{110}^{(11)}m_{111}^{(10)}m_{004}^{(00)} - 2m_{110}^{(11)}m_{111}^{(20)}m_{211}^{(22)} + 4m_{110}^{(11)}m_{111}^{(20)}m_{112}^{(20)} - 2m_{110}^{(11)}m_{111}^{(20)}m_{013}^{(00)}\\
&+2m_{110}^{(11)}m_{111}^{(21)}m_{301}^{(22)} - 4m_{110}^{(11)}m_{111}^{(21)}m_{202}^{(20)} + 2m_{110}^{(11)}m_{111}^{(21)}m_{103}^{(00)} - 2m_{110}^{(11)}m_{111}^{(22)}m_{301}^{(21)}\\
&+2m_{110}^{(11)}m_{111}^{(22)}m_{211}^{(20)} + 2m_{110}^{(11)}m_{111}^{(22)}m_{202}^{(10)} - 2m_{110}^{(11)}m_{111}^{(22)}m_{112}^{(00)} + 2m_{110}^{(11)}m_{102}^{(00)}m_{121}^{(22)}\\
&-2m_{110}^{(11)}m_{102}^{(00)}m_{112}^{(21)} - 2m_{110}^{(11)}m_{102}^{(00)}m_{022}^{(20)} + 2m_{110}^{(11)}m_{102}^{(00)}m_{013}^{(10)} - 2m_{110}^{(11)}m_{102}^{(10)}m_{211}^{(22)}\\
&+4m_{110}^{(11)}m_{102}^{(10)}m_{112}^{(20)} - 2m_{110}^{(11)}m_{102}^{(10)}m_{013}^{(00)} + 2m_{110}^{(11)}m_{102}^{(20)}m_{220}^{(22)} - 4m_{110}^{(11)}m_{102}^{(20)}m_{121}^{(20)}\\
&+2m_{110}^{(11)}m_{102}^{(20)}m_{022}^{(00)} - 2m_{110}^{(11)}m_{102}^{(21)}m_{310}^{(22)} + 4m_{110}^{(11)}m_{102}^{(21)}m_{211}^{(20)} - 2m_{110}^{(11)}m_{102}^{(21)}m_{112}^{(00)}
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&+2m_{110}^{(11)}m_{102}^{(22)}m_{310}^{(21)} - 2m_{110}^{(11)}m_{102}^{(22)}m_{220}^{(20)} - 2m_{110}^{(11)}m_{102}^{(22)}m_{211}^{(10)} + 2m_{110}^{(11)}m_{102}^{(22)}m_{121}^{(00)}\\
&+2m_{110}^{(11)}m_{012}^{(00)}m_{211}^{(22)} - 2m_{110}^{(11)}m_{012}^{(00)}m_{202}^{(21)} - 2m_{110}^{(11)}m_{012}^{(00)}m_{112}^{(20)} + 2m_{110}^{(11)}m_{012}^{(00)}m_{103}^{(10)}\\
&-2m_{110}^{(11)}m_{012}^{(10)}m_{301}^{(22)} + 4m_{110}^{(11)}m_{012}^{(10)}m_{202}^{(20)} - 2m_{110}^{(11)}m_{012}^{(10)}m_{103}^{(00)} + 2m_{110}^{(11)}m_{012}^{(20)}m_{301}^{(21)}\\
&-2m_{110}^{(11)}m_{012}^{(20)}m_{211}^{(20)} - 2m_{110}^{(11)}m_{012}^{(20)}m_{202}^{(10)} + 2m_{110}^{(11)}m_{012}^{(20)}m_{112}^{(00)} - 2m_{110}^{(11)}m_{003}^{(00)}m_{220}^{(22)}\\
&+2m_{110}^{(11)}m_{003}^{(00)}m_{211}^{(21)} + 2m_{110}^{(11)}m_{003}^{(00)}m_{121}^{(20)} - 2m_{110}^{(11)}m_{003}^{(00)}m_{112}^{(10)} + 2m_{110}^{(11)}m_{003}^{(10)}m_{310}^{(22)}\\
&-4m_{110}^{(11)}m_{003}^{(10)}m_{211}^{(20)} + 2m_{110}^{(11)}m_{003}^{(10)}m_{112}^{(00)} - 2m_{110}^{(11)}m_{003}^{(20)}m_{310}^{(21)} + 2m_{110}^{(11)}m_{003}^{(20)}m_{220}^{(20)}\\
&+2m_{110}^{(11)}m_{003}^{(20)}m_{211}^{(10)} - 2m_{110}^{(11)}m_{003}^{(20)}m_{121}^{(00)} + 2m_{110}^{(20)}m_{210}^{(10)}m_{022}^{(22)} - 4m_{110}^{(20)}m_{210}^{(10)}m_{013}^{(21)}\\
&+2m_{110}^{(20)}m_{210}^{(10)}m_{004}^{(11)} - 2m_{110}^{(20)}m_{210}^{(11)}m_{112}^{(22)} + 2m_{110}^{(20)}m_{210}^{(11)}m_{103}^{(21)} + 2m_{110}^{(20)}m_{210}^{(11)}m_{013}^{(20)}\\
&-2m_{110}^{(20)}m_{210}^{(11)}m_{004}^{(10)} + 2m_{110}^{(20)}m_{210}^{(21)}m_{112}^{(21)} - 2m_{110}^{(20)}m_{210}^{(21)}m_{103}^{(11)} - 2m_{110}^{(20)}m_{210}^{(21)}m_{022}^{(20)}\\
&+2m_{110}^{(20)}m_{210}^{(21)}m_{013}^{(10)} - 2m_{110}^{(20)}m_{201}^{(10)}m_{031}^{(22)} + 4m_{110}^{(20)}m_{201}^{(10)}m_{022}^{(21)} - 2m_{110}^{(20)}m_{201}^{(10)}m_{013}^{(11)}\\
&+2m_{110}^{(20)}m_{201}^{(11)}m_{121}^{(22)} - 2m_{110}^{(20)}m_{201}^{(11)}m_{112}^{(21)} - 2m_{110}^{(20)}m_{201}^{(11)}m_{022}^{(20)} + 2m_{110}^{(20)}m_{201}^{(11)}m_{013}^{(10)}\\
&-2m_{110}^{(20)}m_{201}^{(21)}m_{121}^{(21)} + 2m_{110}^{(20)}m_{201}^{(21)}m_{112}^{(11)} + 2m_{110}^{(20)}m_{201}^{(21)}m_{031}^{(20)} - 2m_{110}^{(20)}m_{201}^{(21)}m_{022}^{(10)}\\
&-2m_{110}^{(20)}m_{120}^{(00)}m_{022}^{(22)} + 4m_{110}^{(20)}m_{120}^{(00)}m_{013}^{(21)} - 2m_{110}^{(20)}m_{120}^{(00)}m_{004}^{(11)} + 2m_{110}^{(20)}m_{120}^{(10)}m_{112}^{(22)}\\
&-2m_{110}^{(20)}m_{120}^{(10)}m_{103}^{(21)} - 2m_{110}^{(20)}m_{120}^{(10)}m_{013}^{(20)} + 2m_{110}^{(20)}m_{120}^{(10)}m_{004}^{(10)} - 2m_{110}^{(20)}m_{120}^{(21)}m_{202}^{(21)}\\
&+2m_{110}^{(20)}m_{120}^{(21)}m_{112}^{(20)} + 2m_{110}^{(20)}m_{120}^{(21)}m_{103}^{(10)} - 2m_{110}^{(20)}m_{120}^{(21)}m_{013}^{(00)} + 2m_{110}^{(20)}m_{120}^{(22)}m_{202}^{(11)}\\
&-4m_{110}^{(20)}m_{120}^{(22)}m_{112}^{(10)} + 2m_{110}^{(20)}m_{120}^{(22)}m_{022}^{(00)} + 2m_{110}^{(20)}m_{111}^{(00)}m_{031}^{(22)} - 4m_{110}^{(20)}m_{111}^{(00)}m_{022}^{(21)}\\
&+2m_{110}^{(20)}m_{111}^{(00)}m_{013}^{(11)} - 4m_{110}^{(20)}m_{111}^{(10)}m_{121}^{(22)} + 4m_{110}^{(20)}m_{111}^{(10)}m_{112}^{(21)} + 4m_{110}^{(20)}m_{111}^{(10)}m_{022}^{(20)}\\
&-4m_{110}^{(20)}m_{111}^{(10)}m_{013}^{(10)} + 2m_{110}^{(20)}m_{111}^{(11)}m_{211}^{(22)} - 4m_{110}^{(20)}m_{111}^{(11)}m_{112}^{(20)} + 2m_{110}^{(20)}m_{111}^{(11)}m_{013}^{(00)}\\
&-2m_{110}^{(20)}m_{111}^{(22)}m_{211}^{(11)} + 4m_{110}^{(20)}m_{111}^{(22)}m_{121}^{(10)} - 2m_{110}^{(20)}m_{111}^{(22)}m_{031}^{(00)} + 2m_{110}^{(20)}m_{102}^{(10)}m_{130}^{(22)}\\
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&-2m_{110}^{(20)}m_{102}^{(21)}m_{121}^{(10)} + 2m_{110}^{(20)}m_{102}^{(21)}m_{031}^{(00)} + 2m_{110}^{(20)}m_{021}^{(00)}m_{121}^{(22)} - 4m_{110}^{(20)}m_{021}^{(00)}m_{112}^{(21)}\\
&+2m_{110}^{(20)}m_{021}^{(00)}m_{103}^{(11)} - 2m_{110}^{(20)}m_{021}^{(10)}m_{211}^{(22)} + 2m_{110}^{(20)}m_{021}^{(10)}m_{202}^{(21)} + 2m_{110}^{(20)}m_{021}^{(10)}m_{112}^{(20)}\\
&-2m_{110}^{(20)}m_{021}^{(10)}m_{103}^{(10)} + 2m_{110}^{(20)}m_{021}^{(21)}m_{301}^{(21)} - 2m_{110}^{(20)}m_{021}^{(21)}m_{211}^{(20)} - 2m_{110}^{(20)}m_{021}^{(21)}m_{202}^{(10)}\\
&+2m_{110}^{(20)}m_{021}^{(21)}m_{112}^{(00)} - 2m_{110}^{(20)}m_{021}^{(22)}m_{301}^{(11)} + 4m_{110}^{(20)}m_{021}^{(22)}m_{211}^{(10)} - 2m_{110}^{(20)}m_{021}^{(22)}m_{121}^{(00)}\\
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&+2m_{110}^{(20)}m_{012}^{(11)}m_{211}^{(20)} + 2m_{110}^{(20)}m_{012}^{(11)}m_{202}^{(10)} - 2m_{110}^{(20)}m_{012}^{(11)}m_{112}^{(00)} - 2m_{110}^{(20)}m_{012}^{(21)}m_{310}^{(21)}\\
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&+2m_{110}^{(20)}m_{003}^{(10)}m_{130}^{(20)} - 2m_{110}^{(20)}m_{003}^{(10)}m_{121}^{(10)} + 2m_{110}^{(20)}m_{003}^{(11)}m_{310}^{(21)} - 2m_{110}^{(20)}m_{003}^{(11)}m_{220}^{(20)}\\
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&-2m_{110}^{(20)}m_{003}^{(21)}m_{130}^{(00)} - 2m_{110}^{(21)}m_{210}^{(10)}m_{112}^{(22)} + 2m_{110}^{(21)}m_{210}^{(10)}m_{103}^{(21)} + 2m_{110}^{(21)}m_{210}^{(10)}m_{013}^{(20)}\\
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&-2m_{110}^{(21)}m_{210}^{(22)}m_{202}^{(11)} + 4m_{110}^{(21)}m_{210}^{(22)}m_{112}^{(10)} - 2m_{110}^{(21)}m_{210}^{(22)}m_{022}^{(00)} + 2m_{110}^{(21)}m_{201}^{(10)}m_{121}^{(22)}\\
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&+4m_{110}^{(21)}m_{201}^{(11)}m_{112}^{(20)} - 2m_{110}^{(21)}m_{201}^{(11)}m_{013}^{(00)} + 2m_{110}^{(21)}m_{201}^{(20)}m_{121}^{(21)} - 2m_{110}^{(21)}m_{201}^{(20)}m_{112}^{(11)}
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&-2m_{110}^{(21)}m_{201}^{(20)}m_{031}^{(20)} + 2m_{110}^{(21)}m_{201}^{(20)}m_{022}^{(10)} + 2m_{110}^{(21)}m_{201}^{(22)}m_{211}^{(11)} - 4m_{110}^{(21)}m_{201}^{(22)}m_{121}^{(10)}\\
&+2m_{110}^{(21)}m_{201}^{(22)}m_{031}^{(00)} + 2m_{110}^{(21)}m_{120}^{(00)}m_{112}^{(22)} - 2m_{110}^{(21)}m_{120}^{(00)}m_{103}^{(21)} - 2m_{110}^{(21)}m_{120}^{(00)}m_{013}^{(20)}\\
&+2m_{110}^{(21)}m_{120}^{(00)}m_{004}^{(10)} - 2m_{110}^{(21)}m_{120}^{(10)}m_{202}^{(22)} + 4m_{110}^{(21)}m_{120}^{(10)}m_{103}^{(20)} - 2m_{110}^{(21)}m_{120}^{(10)}m_{004}^{(00)}\\
&+2m_{110}^{(21)}m_{120}^{(20)}m_{202}^{(21)} - 2m_{110}^{(21)}m_{120}^{(20)}m_{112}^{(20)} - 2m_{110}^{(21)}m_{120}^{(20)}m_{103}^{(10)} + 2m_{110}^{(21)}m_{120}^{(20)}m_{013}^{(00)}\\
&-2m_{110}^{(21)}m_{111}^{(00)}m_{121}^{(22)} + 4m_{110}^{(21)}m_{111}^{(00)}m_{112}^{(21)} - 2m_{110}^{(21)}m_{111}^{(00)}m_{103}^{(11)} + 4m_{110}^{(21)}m_{111}^{(10)}m_{211}^{(22)}\\
&-4m_{110}^{(21)}m_{111}^{(10)}m_{202}^{(21)} - 4m_{110}^{(21)}m_{111}^{(10)}m_{112}^{(20)} + 4m_{110}^{(21)}m_{111}^{(10)}m_{103}^{(10)} - 2m_{110}^{(21)}m_{111}^{(11)}m_{301}^{(22)}\\
&+4m_{110}^{(21)}m_{111}^{(11)}m_{202}^{(20)} - 2m_{110}^{(21)}m_{111}^{(11)}m_{103}^{(00)} + 2m_{110}^{(21)}m_{111}^{(22)}m_{301}^{(11)} - 4m_{110}^{(21)}m_{111}^{(22)}m_{211}^{(10)}\\
&+2m_{110}^{(21)}m_{111}^{(22)}m_{121}^{(00)} - 2m_{110}^{(21)}m_{102}^{(00)}m_{121}^{(21)} + 2m_{110}^{(21)}m_{102}^{(00)}m_{112}^{(11)} + 2m_{110}^{(21)}m_{102}^{(00)}m_{031}^{(20)}\\
&-2m_{110}^{(21)}m_{102}^{(00)}m_{022}^{(10)} - 2m_{110}^{(21)}m_{102}^{(10)}m_{220}^{(22)} + 4m_{110}^{(21)}m_{102}^{(10)}m_{211}^{(21)} - 4m_{110}^{(21)}m_{102}^{(10)}m_{112}^{(10)}\\
&+2m_{110}^{(21)}m_{102}^{(10)}m_{022}^{(00)} + 2m_{110}^{(21)}m_{102}^{(11)}m_{310}^{(22)} - 4m_{110}^{(21)}m_{102}^{(11)}m_{211}^{(20)} + 2m_{110}^{(21)}m_{102}^{(11)}m_{112}^{(00)}\\
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&+2m_{110}^{(21)}m_{012}^{(00)}m_{202}^{(11)} - 2m_{110}^{(21)}m_{012}^{(10)}m_{310}^{(22)} + 2m_{110}^{(21)}m_{012}^{(10)}m_{301}^{(21)} + 2m_{110}^{(21)}m_{012}^{(10)}m_{211}^{(20)}\\
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&+2m_{110}^{(21)}m_{012}^{(20)}m_{211}^{(10)} + 2m_{110}^{(21)}m_{003}^{(00)}m_{220}^{(21)} - 2m_{110}^{(21)}m_{003}^{(00)}m_{211}^{(11)} - 2m_{110}^{(21)}m_{003}^{(00)}m_{130}^{(20)}\\
&+2m_{110}^{(21)}m_{003}^{(00)}m_{121}^{(10)} - 2m_{110}^{(21)}m_{003}^{(10)}m_{310}^{(21)} + 2m_{110}^{(21)}m_{003}^{(10)}m_{220}^{(20)} + 2m_{110}^{(21)}m_{003}^{(10)}m_{211}^{(10)}\\
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&+2m_{110}^{(22)}m_{210}^{(10)}m_{112}^{(21)} - 2m_{110}^{(22)}m_{210}^{(10)}m_{103}^{(11)} - 2m_{110}^{(22)}m_{210}^{(10)}m_{022}^{(20)} + 2m_{110}^{(22)}m_{210}^{(10)}m_{013}^{(10)}\\
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&+2m_{110}^{(22)}m_{201}^{(10)}m_{112}^{(11)} + 2m_{110}^{(22)}m_{201}^{(10)}m_{031}^{(20)} - 2m_{110}^{(22)}m_{201}^{(10)}m_{022}^{(10)} + 2m_{110}^{(22)}m_{201}^{(11)}m_{211}^{(21)}\\
&-2m_{110}^{(22)}m_{201}^{(11)}m_{121}^{(20)} - 2m_{110}^{(22)}m_{201}^{(11)}m_{112}^{(10)} + 2m_{110}^{(22)}m_{201}^{(11)}m_{022}^{(00)} - 2m_{110}^{(22)}m_{201}^{(21)}m_{211}^{(11)}\\
&+4m_{110}^{(22)}m_{201}^{(21)}m_{121}^{(10)} - 2m_{110}^{(22)}m_{201}^{(21)}m_{031}^{(00)} - 2m_{110}^{(22)}m_{120}^{(00)}m_{112}^{(21)} + 2m_{110}^{(22)}m_{120}^{(00)}m_{103}^{(11)}\\
&+2m_{110}^{(22)}m_{120}^{(00)}m_{022}^{(20)} - 2m_{110}^{(22)}m_{120}^{(00)}m_{013}^{(10)} + 2m_{110}^{(22)}m_{120}^{(10)}m_{202}^{(21)} - 2m_{110}^{(22)}m_{120}^{(10)}m_{112}^{(20)}\\
&-2m_{110}^{(22)}m_{120}^{(10)}m_{103}^{(10)} + 2m_{110}^{(22)}m_{120}^{(10)}m_{013}^{(00)} - 2m_{110}^{(22)}m_{120}^{(20)}m_{202}^{(11)} + 4m_{110}^{(22)}m_{120}^{(20)}m_{112}^{(10)}\\
&-2m_{110}^{(22)}m_{120}^{(20)}m_{022}^{(00)} + 2m_{110}^{(22)}m_{111}^{(00)}m_{121}^{(21)} - 2m_{110}^{(22)}m_{111}^{(00)}m_{112}^{(11)} - 2m_{110}^{(22)}m_{111}^{(00)}m_{031}^{(20)}\\
&+2m_{110}^{(22)}m_{111}^{(00)}m_{022}^{(10)} - 4m_{110}^{(22)}m_{111}^{(10)}m_{211}^{(21)} + 2m_{110}^{(22)}m_{111}^{(10)}m_{202}^{(11)} + 4m_{110}^{(22)}m_{111}^{(10)}m_{121}^{(20)}\\
&-2m_{110}^{(22)}m_{111}^{(10)}m_{022}^{(00)} + 2m_{110}^{(22)}m_{111}^{(11)}m_{301}^{(21)} - 2m_{110}^{(22)}m_{111}^{(11)}m_{211}^{(20)} - 2m_{110}^{(22)}m_{111}^{(11)}m_{202}^{(10)}\\
&+2m_{110}^{(22)}m_{111}^{(11)}m_{112}^{(00)} + 2m_{110}^{(22)}m_{111}^{(20)}m_{211}^{(11)} - 4m_{110}^{(22)}m_{111}^{(20)}m_{121}^{(10)} + 2m_{110}^{(22)}m_{111}^{(20)}m_{031}^{(00)}\\
&-2m_{110}^{(22)}m_{111}^{(21)}m_{301}^{(11)} + 4m_{110}^{(22)}m_{111}^{(21)}m_{211}^{(10)} - 2m_{110}^{(22)}m_{111}^{(21)}m_{121}^{(00)} + 2m_{110}^{(22)}m_{102}^{(10)}m_{220}^{(21)}\\
&-2m_{110}^{(22)}m_{102}^{(10)}m_{211}^{(11)} - 2m_{110}^{(22)}m_{102}^{(10)}m_{130}^{(20)} + 2m_{110}^{(22)}m_{102}^{(10)}m_{121}^{(10)} - 2m_{110}^{(22)}m_{102}^{(11)}m_{310}^{(21)}\\
&+2m_{110}^{(22)}m_{102}^{(11)}m_{220}^{(20)} + 2m_{110}^{(22)}m_{102}^{(11)}m_{211}^{(10)} - 2m_{110}^{(22)}m_{102}^{(11)}m_{121}^{(00)} + 2m_{110}^{(22)}m_{102}^{(21)}m_{310}^{(11)}\\
&-4m_{110}^{(22)}m_{102}^{(21)}m_{220}^{(10)} + 2m_{110}^{(22)}m_{102}^{(21)}m_{130}^{(00)} + 2m_{110}^{(22)}m_{021}^{(00)}m_{211}^{(21)} - 2m_{110}^{(22)}m_{021}^{(00)}m_{202}^{(11)}\\
&-2m_{110}^{(22)}m_{021}^{(00)}m_{121}^{(20)} + 2m_{110}^{(22)}m_{021}^{(00)}m_{112}^{(10)} - 2m_{110}^{(22)}m_{021}^{(10)}m_{301}^{(21)} + 2m_{110}^{(22)}m_{021}^{(10)}m_{211}^{(20)}\\
&+2m_{110}^{(22)}m_{021}^{(10)}m_{202}^{(10)} - 2m_{110}^{(22)}m_{021}^{(10)}m_{112}^{(00)} + 2m_{110}^{(22)}m_{021}^{(20)}m_{301}^{(11)} - 4m_{110}^{(22)}m_{021}^{(20)}m_{211}^{(10)}
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&+2m_{110}^{(22)}m_{021}^{(20)}m_{121}^{(00)} - 2m_{110}^{(22)}m_{012}^{(00)}m_{220}^{(21)} + 2m_{110}^{(22)}m_{012}^{(00)}m_{211}^{(11)} + 2m_{110}^{(22)}m_{012}^{(00)}m_{130}^{(20)}\\
&-2m_{110}^{(22)}m_{012}^{(00)}m_{121}^{(10)} + 2m_{110}^{(22)}m_{012}^{(10)}m_{310}^{(21)} - 2m_{110}^{(22)}m_{012}^{(10)}m_{220}^{(20)} - 2m_{110}^{(22)}m_{012}^{(10)}m_{211}^{(10)}\\
&+2m_{110}^{(22)}m_{012}^{(10)}m_{121}^{(00)} - 2m_{110}^{(22)}m_{012}^{(20)}m_{310}^{(11)} + 4m_{110}^{(22)}m_{012}^{(20)}m_{220}^{(10)} - 2m_{110}^{(22)}m_{012}^{(20)}m_{130}^{(00)}\\
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&+2m_{101}^{(00)}m_{120}^{(22)}m_{112}^{(11)} + 2m_{101}^{(00)}m_{120}^{(22)}m_{031}^{(20)} - 2m_{101}^{(00)}m_{120}^{(22)}m_{022}^{(10)} + 2m_{101}^{(00)}m_{111}^{(10)}m_{031}^{(22)}\\
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&+2m_{101}^{(00)}m_{111}^{(11)}m_{022}^{(20)} - 2m_{101}^{(00)}m_{111}^{(11)}m_{013}^{(10)} + 2m_{101}^{(00)}m_{111}^{(20)}m_{040}^{(22)} - 4m_{101}^{(00)}m_{111}^{(20)}m_{031}^{(21)}\\
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&-2m_{101}^{(00)}m_{102}^{(11)}m_{121}^{(21)} - 2m_{101}^{(00)}m_{102}^{(11)}m_{031}^{(20)} + 2m_{101}^{(00)}m_{102}^{(11)}m_{022}^{(10)} - 2m_{101}^{(00)}m_{102}^{(21)}m_{130}^{(21)}\\
&+2m_{101}^{(00)}m_{102}^{(21)}m_{121}^{(11)} + 2m_{101}^{(00)}m_{102}^{(21)}m_{040}^{(20)} - 2m_{101}^{(00)}m_{102}^{(21)}m_{031}^{(10)} + 2m_{101}^{(00)}m_{030}^{(20)}m_{121}^{(22)}\\
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&+2m_{101}^{(00)}m_{030}^{(21)}m_{112}^{(20)} - 2m_{101}^{(00)}m_{030}^{(21)}m_{103}^{(10)} + 2m_{101}^{(00)}m_{030}^{(22)}m_{211}^{(21)} - 2m_{101}^{(00)}m_{030}^{(22)}m_{202}^{(11)}\\
&-2m_{101}^{(00)}m_{030}^{(22)}m_{121}^{(20)} + 2m_{101}^{(00)}m_{030}^{(22)}m_{112}^{(10)} - 2m_{101}^{(00)}m_{021}^{(10)}m_{121}^{(22)} + 4m_{101}^{(00)}m_{021}^{(10)}m_{112}^{(21)}\\
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&+2m_{101}^{(00)}m_{021}^{(11)}m_{103}^{(10)} - 2m_{101}^{(00)}m_{021}^{(20)}m_{130}^{(22)} + 4m_{101}^{(00)}m_{021}^{(20)}m_{121}^{(21)} - 2m_{101}^{(00)}m_{021}^{(20)}m_{112}^{(11)}\\
&+2m_{101}^{(00)}m_{021}^{(21)}m_{220}^{(22)} - 4m_{101}^{(00)}m_{021}^{(21)}m_{211}^{(21)} + 2m_{101}^{(00)}m_{021}^{(21)}m_{202}^{(11)} - 2m_{101}^{(00)}m_{021}^{(22)}m_{220}^{(21)}\\
&+2m_{101}^{(00)}m_{021}^{(22)}m_{211}^{(11)} + 2m_{101}^{(00)}m_{021}^{(22)}m_{130}^{(20)} - 2m_{101}^{(00)}m_{021}^{(22)}m_{121}^{(10)} + 2m_{101}^{(00)}m_{012}^{(10)}m_{130}^{(22)}\\
&-4m_{101}^{(00)}m_{012}^{(10)}m_{121}^{(21)} + 2m_{101}^{(00)}m_{012}^{(10)}m_{112}^{(11)} - 2m_{101}^{(00)}m_{012}^{(11)}m_{220}^{(22)} + 2m_{101}^{(00)}m_{012}^{(11)}m_{211}^{(21)}\\
&+2m_{101}^{(00)}m_{012}^{(11)}m_{121}^{(20)} - 2m_{101}^{(00)}m_{012}^{(11)}m_{112}^{(10)} + 2m_{101}^{(00)}m_{012}^{(21)}m_{220}^{(21)} - 2m_{101}^{(00)}m_{012}^{(21)}m_{211}^{(11)}\\
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&+2m_{101}^{(10)}m_{210}^{(20)}m_{013}^{(11)} - 2m_{101}^{(10)}m_{210}^{(21)}m_{121}^{(22)} + 2m_{101}^{(10)}m_{210}^{(21)}m_{112}^{(21)} + 2m_{101}^{(10)}m_{210}^{(21)}m_{022}^{(20)}\\
&-2m_{101}^{(10)}m_{210}^{(21)}m_{013}^{(10)} + 2m_{101}^{(10)}m_{210}^{(22)}m_{121}^{(21)} - 2m_{101}^{(10)}m_{210}^{(22)}m_{112}^{(11)} - 2m_{101}^{(10)}m_{210}^{(22)}m_{031}^{(20)}\\
&+2m_{101}^{(10)}m_{210}^{(22)}m_{022}^{(10)} - 2m_{101}^{(10)}m_{201}^{(20)}m_{040}^{(22)} + 4m_{101}^{(10)}m_{201}^{(20)}m_{031}^{(21)} - 2m_{101}^{(10)}m_{201}^{(20)}m_{022}^{(11)}\\
&+2m_{101}^{(10)}m_{201}^{(21)}m_{130}^{(22)} - 2m_{101}^{(10)}m_{201}^{(21)}m_{121}^{(21)} - 2m_{101}^{(10)}m_{201}^{(21)}m_{031}^{(20)} + 2m_{101}^{(10)}m_{201}^{(21)}m_{022}^{(10)}\\
&-2m_{101}^{(10)}m_{201}^{(22)}m_{130}^{(21)} + 2m_{101}^{(10)}m_{201}^{(22)}m_{121}^{(11)} + 2m_{101}^{(10)}m_{201}^{(22)}m_{040}^{(20)} - 2m_{101}^{(10)}m_{201}^{(22)}m_{031}^{(10)}\\
&+2m_{101}^{(10)}m_{120}^{(20)}m_{112}^{(21)} - 2m_{101}^{(10)}m_{120}^{(20)}m_{103}^{(11)} - 2m_{101}^{(10)}m_{120}^{(20)}m_{022}^{(20)} + 2m_{101}^{(10)}m_{120}^{(20)}m_{013}^{(10)}\\
&-2m_{101}^{(10)}m_{120}^{(21)}m_{202}^{(21)} + 2m_{101}^{(10)}m_{120}^{(21)}m_{112}^{(20)} + 2m_{101}^{(10)}m_{120}^{(21)}m_{103}^{(10)} - 2m_{101}^{(10)}m_{120}^{(21)}m_{013}^{(00)}\\
&+2m_{101}^{(10)}m_{120}^{(22)}m_{202}^{(11)} - 4m_{101}^{(10)}m_{120}^{(22)}m_{112}^{(10)} + 2m_{101}^{(10)}m_{120}^{(22)}m_{022}^{(00)} - 2m_{101}^{(10)}m_{111}^{(00)}m_{031}^{(22)}\\
&+4m_{101}^{(10)}m_{111}^{(00)}m_{022}^{(21)} - 2m_{101}^{(10)}m_{111}^{(00)}m_{013}^{(11)} + 2m_{101}^{(10)}m_{111}^{(11)}m_{211}^{(22)} - 4m_{101}^{(10)}m_{111}^{(11)}m_{112}^{(20)}\\
&+2m_{101}^{(10)}m_{111}^{(11)}m_{013}^{(00)} - 4m_{101}^{(10)}m_{111}^{(20)}m_{121}^{(21)} + 4m_{101}^{(10)}m_{111}^{(20)}m_{112}^{(11)} + 4m_{101}^{(10)}m_{111}^{(20)}m_{031}^{(20)}\\
&-4m_{101}^{(10)}m_{111}^{(20)}m_{022}^{(10)} - 2m_{101}^{(10)}m_{111}^{(22)}m_{211}^{(11)} + 4m_{101}^{(10)}m_{111}^{(22)}m_{121}^{(10)} - 2m_{101}^{(10)}m_{111}^{(22)}m_{031}^{(00)}\\
&+2m_{101}^{(10)}m_{102}^{(00)}m_{040}^{(22)} - 4m_{101}^{(10)}m_{102}^{(00)}m_{031}^{(21)} + 2m_{101}^{(10)}m_{102}^{(00)}m_{022}^{(11)} - 2m_{101}^{(10)}m_{102}^{(11)}m_{220}^{(22)}\\
&+4m_{101}^{(10)}m_{102}^{(11)}m_{121}^{(20)} - 2m_{101}^{(10)}m_{102}^{(11)}m_{022}^{(00)} + 2m_{101}^{(10)}m_{102}^{(20)}m_{130}^{(21)} - 2m_{101}^{(10)}m_{102}^{(20)}m_{121}^{(11)}\\
&-2m_{101}^{(10)}m_{102}^{(20)}m_{040}^{(20)} + 2m_{101}^{(10)}m_{102}^{(20)}m_{031}^{(10)} + 2m_{101}^{(10)}m_{102}^{(21)}m_{220}^{(21)} - 2m_{101}^{(10)}m_{102}^{(21)}m_{130}^{(20)}\\
&-2m_{101}^{(10)}m_{102}^{(21)}m_{121}^{(10)} + 2m_{101}^{(10)}m_{102}^{(21)}m_{031}^{(00)} - 2m_{101}^{(10)}m_{030}^{(20)}m_{211}^{(22)} + 2m_{101}^{(10)}m_{030}^{(20)}m_{202}^{(21)}
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&+2m_{101}^{(10)}m_{030}^{(20)}m_{112}^{(20)} - 2m_{101}^{(10)}m_{030}^{(20)}m_{103}^{(10)} + 2m_{101}^{(10)}m_{030}^{(21)}m_{301}^{(22)} - 4m_{101}^{(10)}m_{030}^{(21)}m_{202}^{(20)}\\
&+2m_{101}^{(10)}m_{030}^{(21)}m_{103}^{(00)} - 2m_{101}^{(10)}m_{030}^{(22)}m_{301}^{(21)} + 2m_{101}^{(10)}m_{030}^{(22)}m_{211}^{(20)} + 2m_{101}^{(10)}m_{030}^{(22)}m_{202}^{(10)}\\
&-2m_{101}^{(10)}m_{030}^{(22)}m_{112}^{(00)} + 2m_{101}^{(10)}m_{021}^{(00)}m_{121}^{(22)} - 4m_{101}^{(10)}m_{021}^{(00)}m_{112}^{(21)} + 2m_{101}^{(10)}m_{021}^{(00)}m_{103}^{(11)}\\
&-2m_{101}^{(10)}m_{021}^{(11)}m_{301}^{(22)} + 4m_{101}^{(10)}m_{021}^{(11)}m_{202}^{(20)} - 2m_{101}^{(10)}m_{021}^{(11)}m_{103}^{(00)} + 2m_{101}^{(10)}m_{021}^{(20)}m_{220}^{(22)}\\
&-2m_{101}^{(10)}m_{021}^{(20)}m_{202}^{(11)} - 4m_{101}^{(10)}m_{021}^{(20)}m_{121}^{(20)} + 4m_{101}^{(10)}m_{021}^{(20)}m_{112}^{(10)} - 2m_{101}^{(10)}m_{021}^{(21)}m_{310}^{(22)}\\
&+2m_{101}^{(10)}m_{021}^{(21)}m_{301}^{(21)} + 2m_{101}^{(10)}m_{021}^{(21)}m_{211}^{(20)} - 2m_{101}^{(10)}m_{021}^{(21)}m_{202}^{(10)} + 2m_{101}^{(10)}m_{021}^{(22)}m_{310}^{(21)}\\
&-2m_{101}^{(10)}m_{021}^{(22)}m_{220}^{(20)} - 2m_{101}^{(10)}m_{021}^{(22)}m_{211}^{(10)} + 2m_{101}^{(10)}m_{021}^{(22)}m_{121}^{(00)} - 2m_{101}^{(10)}m_{012}^{(00)}m_{130}^{(22)}\\
&+4m_{101}^{(10)}m_{012}^{(00)}m_{121}^{(21)} - 2m_{101}^{(10)}m_{012}^{(00)}m_{112}^{(11)} + 2m_{101}^{(10)}m_{012}^{(11)}m_{310}^{(22)} - 4m_{101}^{(10)}m_{012}^{(11)}m_{211}^{(20)}\\
&+2m_{101}^{(10)}m_{012}^{(11)}m_{112}^{(00)} - 2m_{101}^{(10)}m_{012}^{(20)}m_{220}^{(21)} + 2m_{101}^{(10)}m_{012}^{(20)}m_{211}^{(11)} + 2m_{101}^{(10)}m_{012}^{(20)}m_{130}^{(20)}\\
&-2m_{101}^{(10)}m_{012}^{(20)}m_{121}^{(10)} - 2m_{101}^{(10)}m_{012}^{(21)}m_{310}^{(21)} + 2m_{101}^{(10)}m_{012}^{(21)}m_{220}^{(20)} + 2m_{101}^{(10)}m_{012}^{(21)}m_{211}^{(10)}\\
&-2m_{101}^{(10)}m_{012}^{(21)}m_{121}^{(00)} - 2m_{101}^{(11)}m_{210}^{(20)}m_{121}^{(22)} + 2m_{101}^{(11)}m_{210}^{(20)}m_{112}^{(21)} + 2m_{101}^{(11)}m_{210}^{(20)}m_{022}^{(20)}\\
&-2m_{101}^{(11)}m_{210}^{(20)}m_{013}^{(10)} + 2m_{101}^{(11)}m_{210}^{(21)}m_{211}^{(22)} - 4m_{101}^{(11)}m_{210}^{(21)}m_{112}^{(20)} + 2m_{101}^{(11)}m_{210}^{(21)}m_{013}^{(00)}\\
&-2m_{101}^{(11)}m_{210}^{(22)}m_{211}^{(21)} + 2m_{101}^{(11)}m_{210}^{(22)}m_{121}^{(20)} + 2m_{101}^{(11)}m_{210}^{(22)}m_{112}^{(10)} - 2m_{101}^{(11)}m_{210}^{(22)}m_{022}^{(00)}\\
&+2m_{101}^{(11)}m_{201}^{(20)}m_{130}^{(22)} - 2m_{101}^{(11)}m_{201}^{(20)}m_{121}^{(21)} - 2m_{101}^{(11)}m_{201}^{(20)}m_{031}^{(20)} + 2m_{101}^{(11)}m_{201}^{(20)}m_{022}^{(10)}\\
&-2m_{101}^{(11)}m_{201}^{(21)}m_{220}^{(22)} + 4m_{101}^{(11)}m_{201}^{(21)}m_{121}^{(20)} - 2m_{101}^{(11)}m_{201}^{(21)}m_{022}^{(00)} + 2m_{101}^{(11)}m_{201}^{(22)}m_{220}^{(21)}\\
&-2m_{101}^{(11)}m_{201}^{(22)}m_{130}^{(20)} - 2m_{101}^{(11)}m_{201}^{(22)}m_{121}^{(10)} + 2m_{101}^{(11)}m_{201}^{(22)}m_{031}^{(00)} + 2m_{101}^{(11)}m_{120}^{(20)}m_{211}^{(22)}\\
&-2m_{101}^{(11)}m_{120}^{(20)}m_{202}^{(21)} - 2m_{101}^{(11)}m_{120}^{(20)}m_{112}^{(20)} + 2m_{101}^{(11)}m_{120}^{(20)}m_{103}^{(10)} - 2m_{101}^{(11)}m_{120}^{(21)}m_{301}^{(22)}\\
&+4m_{101}^{(11)}m_{120}^{(21)}m_{202}^{(20)} - 2m_{101}^{(11)}m_{120}^{(21)}m_{103}^{(00)} + 2m_{101}^{(11)}m_{120}^{(22)}m_{301}^{(21)} - 2m_{101}^{(11)}m_{120}^{(22)}m_{211}^{(20)}\\
&-2m_{101}^{(11)}m_{120}^{(22)}m_{202}^{(10)} + 2m_{101}^{(11)}m_{120}^{(22)}m_{112}^{(00)} + 2m_{101}^{(11)}m_{111}^{(00)}m_{121}^{(22)} - 2m_{101}^{(11)}m_{111}^{(00)}m_{112}^{(21)}\\
&-2m_{101}^{(11)}m_{111}^{(00)}m_{022}^{(20)} + 2m_{101}^{(11)}m_{111}^{(00)}m_{013}^{(10)} - 2m_{101}^{(11)}m_{111}^{(10)}m_{211}^{(22)} + 4m_{101}^{(11)}m_{111}^{(10)}m_{112}^{(20)}\\
&-2m_{101}^{(11)}m_{111}^{(10)}m_{013}^{(00)} - 2m_{101}^{(11)}m_{111}^{(20)}m_{220}^{(22)} + 4m_{101}^{(11)}m_{111}^{(20)}m_{211}^{(21)} - 4m_{101}^{(11)}m_{111}^{(20)}m_{112}^{(10)}\\
&+2m_{101}^{(11)}m_{111}^{(20)}m_{022}^{(00)} + 2m_{101}^{(11)}m_{111}^{(21)}m_{310}^{(22)} - 4m_{101}^{(11)}m_{111}^{(21)}m_{211}^{(20)} + 2m_{101}^{(11)}m_{111}^{(21)}m_{112}^{(00)}\\
&-2m_{101}^{(11)}m_{111}^{(22)}m_{310}^{(21)} + 2m_{101}^{(11)}m_{111}^{(22)}m_{220}^{(20)} + 2m_{101}^{(11)}m_{111}^{(22)}m_{211}^{(10)} - 2m_{101}^{(11)}m_{111}^{(22)}m_{121}^{(00)}\\
&-2m_{101}^{(11)}m_{102}^{(00)}m_{130}^{(22)} + 2m_{101}^{(11)}m_{102}^{(00)}m_{121}^{(21)} + 2m_{101}^{(11)}m_{102}^{(00)}m_{031}^{(20)} - 2m_{101}^{(11)}m_{102}^{(00)}m_{022}^{(10)}\\
&+2m_{101}^{(11)}m_{102}^{(10)}m_{220}^{(22)} - 4m_{101}^{(11)}m_{102}^{(10)}m_{121}^{(20)} + 2m_{101}^{(11)}m_{102}^{(10)}m_{022}^{(00)} - 2m_{101}^{(11)}m_{102}^{(20)}m_{220}^{(21)}\\
&+2m_{101}^{(11)}m_{102}^{(20)}m_{130}^{(20)} + 2m_{101}^{(11)}m_{102}^{(20)}m_{121}^{(10)} - 2m_{101}^{(11)}m_{102}^{(20)}m_{031}^{(00)} - 2m_{101}^{(11)}m_{021}^{(00)}m_{211}^{(22)}\\
&+2m_{101}^{(11)}m_{021}^{(00)}m_{202}^{(21)} + 2m_{101}^{(11)}m_{021}^{(00)}m_{112}^{(20)} - 2m_{101}^{(11)}m_{021}^{(00)}m_{103}^{(10)} + 2m_{101}^{(11)}m_{021}^{(10)}m_{301}^{(22)}\\
&-4m_{101}^{(11)}m_{021}^{(10)}m_{202}^{(20)} + 2m_{101}^{(11)}m_{021}^{(10)}m_{103}^{(00)} - 2m_{101}^{(11)}m_{021}^{(20)}m_{301}^{(21)} + 2m_{101}^{(11)}m_{021}^{(20)}m_{211}^{(20)}\\
&+2m_{101}^{(11)}m_{021}^{(20)}m_{202}^{(10)} - 2m_{101}^{(11)}m_{021}^{(20)}m_{112}^{(00)} + 2m_{101}^{(11)}m_{012}^{(00)}m_{220}^{(22)} - 2m_{101}^{(11)}m_{012}^{(00)}m_{211}^{(21)}\\
&-2m_{101}^{(11)}m_{012}^{(00)}m_{121}^{(20)} + 2m_{101}^{(11)}m_{012}^{(00)}m_{112}^{(10)} - 2m_{101}^{(11)}m_{012}^{(10)}m_{310}^{(22)} + 4m_{101}^{(11)}m_{012}^{(10)}m_{211}^{(20)}\\
&-2m_{101}^{(11)}m_{012}^{(10)}m_{112}^{(00)} + 2m_{101}^{(11)}m_{012}^{(20)}m_{310}^{(21)} - 2m_{101}^{(11)}m_{012}^{(20)}m_{220}^{(20)} - 2m_{101}^{(11)}m_{012}^{(20)}m_{211}^{(10)}\\
&+2m_{101}^{(11)}m_{012}^{(20)}m_{121}^{(00)} - 2m_{101}^{(20)}m_{210}^{(10)}m_{031}^{(22)} + 4m_{101}^{(20)}m_{210}^{(10)}m_{022}^{(21)} - 2m_{101}^{(20)}m_{210}^{(10)}m_{013}^{(11)}\\
&+2m_{101}^{(20)}m_{210}^{(11)}m_{121}^{(22)} - 2m_{101}^{(20)}m_{210}^{(11)}m_{112}^{(21)} - 2m_{101}^{(20)}m_{210}^{(11)}m_{022}^{(20)} + 2m_{101}^{(20)}m_{210}^{(11)}m_{013}^{(10)}\\
&-2m_{101}^{(20)}m_{210}^{(21)}m_{121}^{(21)} + 2m_{101}^{(20)}m_{210}^{(21)}m_{112}^{(11)} + 2m_{101}^{(20)}m_{210}^{(21)}m_{031}^{(20)} - 2m_{101}^{(20)}m_{210}^{(21)}m_{022}^{(10)}\\
&+2m_{101}^{(20)}m_{201}^{(10)}m_{040}^{(22)} - 4m_{101}^{(20)}m_{201}^{(10)}m_{031}^{(21)} + 2m_{101}^{(20)}m_{201}^{(10)}m_{022}^{(11)} - 2m_{101}^{(20)}m_{201}^{(11)}m_{130}^{(22)}\\
&+2m_{101}^{(20)}m_{201}^{(11)}m_{121}^{(21)} + 2m_{101}^{(20)}m_{201}^{(11)}m_{031}^{(20)} - 2m_{101}^{(20)}m_{201}^{(11)}m_{022}^{(10)} + 2m_{101}^{(20)}m_{201}^{(21)}m_{130}^{(21)}\\
&-2m_{101}^{(20)}m_{201}^{(21)}m_{121}^{(11)} - 2m_{101}^{(20)}m_{201}^{(21)}m_{040}^{(20)} + 2m_{101}^{(20)}m_{201}^{(21)}m_{031}^{(10)} + 2m_{101}^{(20)}m_{120}^{(00)}m_{031}^{(22)}\\
&-4m_{101}^{(20)}m_{120}^{(00)}m_{022}^{(21)} + 2m_{101}^{(20)}m_{120}^{(00)}m_{013}^{(11)} - 2m_{101}^{(20)}m_{120}^{(10)}m_{112}^{(21)} + 2m_{101}^{(20)}m_{120}^{(10)}m_{103}^{(11)}
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&+2m_{101}^{(20)}m_{120}^{(10)}m_{022}^{(20)} - 2m_{101}^{(20)}m_{120}^{(10)}m_{013}^{(10)} - 2m_{101}^{(20)}m_{120}^{(11)}m_{211}^{(22)} + 2m_{101}^{(20)}m_{120}^{(11)}m_{202}^{(21)}\\
&+2m_{101}^{(20)}m_{120}^{(11)}m_{112}^{(20)} - 2m_{101}^{(20)}m_{120}^{(11)}m_{103}^{(10)} + 4m_{101}^{(20)}m_{120}^{(21)}m_{211}^{(21)} - 2m_{101}^{(20)}m_{120}^{(21)}m_{202}^{(11)}\\
&-4m_{101}^{(20)}m_{120}^{(21)}m_{121}^{(20)} + 2m_{101}^{(20)}m_{120}^{(21)}m_{022}^{(00)} - 2m_{101}^{(20)}m_{120}^{(22)}m_{211}^{(11)} + 4m_{101}^{(20)}m_{120}^{(22)}m_{121}^{(10)}\\
&-2m_{101}^{(20)}m_{120}^{(22)}m_{031}^{(00)} - 2m_{101}^{(20)}m_{111}^{(00)}m_{040}^{(22)} + 4m_{101}^{(20)}m_{111}^{(00)}m_{031}^{(21)} - 2m_{101}^{(20)}m_{111}^{(00)}m_{022}^{(11)}\\
&+4m_{101}^{(20)}m_{111}^{(10)}m_{121}^{(21)} - 4m_{101}^{(20)}m_{111}^{(10)}m_{112}^{(11)} - 4m_{101}^{(20)}m_{111}^{(10)}m_{031}^{(20)} + 4m_{101}^{(20)}m_{111}^{(10)}m_{022}^{(10)}\\
&+2m_{101}^{(20)}m_{111}^{(11)}m_{220}^{(22)} - 4m_{101}^{(20)}m_{111}^{(11)}m_{211}^{(21)} + 4m_{101}^{(20)}m_{111}^{(11)}m_{112}^{(10)} - 2m_{101}^{(20)}m_{111}^{(11)}m_{022}^{(00)}\\
&-4m_{101}^{(20)}m_{111}^{(21)}m_{220}^{(21)} + 4m_{101}^{(20)}m_{111}^{(21)}m_{211}^{(11)} + 4m_{101}^{(20)}m_{111}^{(21)}m_{130}^{(20)} - 4m_{101}^{(20)}m_{111}^{(21)}m_{121}^{(10)}\\
&+2m_{101}^{(20)}m_{111}^{(22)}m_{220}^{(11)} - 4m_{101}^{(20)}m_{111}^{(22)}m_{130}^{(10)} + 2m_{101}^{(20)}m_{111}^{(22)}m_{040}^{(00)} - 2m_{101}^{(20)}m_{102}^{(10)}m_{130}^{(21)}\\
&+2m_{101}^{(20)}m_{102}^{(10)}m_{121}^{(11)} + 2m_{101}^{(20)}m_{102}^{(10)}m_{040}^{(20)} - 2m_{101}^{(20)}m_{102}^{(10)}m_{031}^{(10)} + 2m_{101}^{(20)}m_{102}^{(11)}m_{220}^{(21)}\\
&-2m_{101}^{(20)}m_{102}^{(11)}m_{130}^{(20)} - 2m_{101}^{(20)}m_{102}^{(11)}m_{121}^{(10)} + 2m_{101}^{(20)}m_{102}^{(11)}m_{031}^{(00)} - 2m_{101}^{(20)}m_{102}^{(21)}m_{220}^{(11)}\\
&+4m_{101}^{(20)}m_{102}^{(21)}m_{130}^{(10)} - 2m_{101}^{(20)}m_{102}^{(21)}m_{040}^{(00)} - 2m_{101}^{(20)}m_{030}^{(00)}m_{121}^{(22)} + 4m_{101}^{(20)}m_{030}^{(00)}m_{112}^{(21)}\\
&-2m_{101}^{(20)}m_{030}^{(00)}m_{103}^{(11)} + 2m_{101}^{(20)}m_{030}^{(10)}m_{211}^{(22)} - 2m_{101}^{(20)}m_{030}^{(10)}m_{202}^{(21)} - 2m_{101}^{(20)}m_{030}^{(10)}m_{112}^{(20)}\\
&+2m_{101}^{(20)}m_{030}^{(10)}m_{103}^{(10)} - 2m_{101}^{(20)}m_{030}^{(20)}m_{301}^{(21)} + 2m_{101}^{(20)}m_{030}^{(21)}m_{211}^{(20)} + 2m_{101}^{(20)}m_{030}^{(21)}m_{202}^{(10)}\\
&-2m_{101}^{(20)}m_{030}^{(21)}m_{112}^{(00)} + 2m_{101}^{(20)}m_{030}^{(22)}m_{301}^{(11)} - 4m_{101}^{(20)}m_{030}^{(22)}m_{211}^{(10)} + 2m_{101}^{(20)}m_{030}^{(22)}m_{121}^{(00)}\\
&+2m_{101}^{(20)}m_{021}^{(00)}m_{130}^{(22)} - 4m_{101}^{(20)}m_{021}^{(00)}m_{121}^{(21)} + 2m_{101}^{(20)}m_{021}^{(00)}m_{112}^{(11)} - 2m_{101}^{(20)}m_{021}^{(10)}m_{220}^{(22)}\\
&+2m_{101}^{(20)}m_{021}^{(10)}m_{202}^{(11)} + 4m_{101}^{(20)}m_{021}^{(10)}m_{121}^{(20)} - 4m_{101}^{(20)}m_{021}^{(10)}m_{112}^{(10)} + 2m_{101}^{(20)}m_{021}^{(11)}m_{301}^{(21)}\\
&-2m_{101}^{(20)}m_{021}^{(11)}m_{211}^{(20)} - 2m_{101}^{(20)}m_{021}^{(11)}m_{202}^{(10)} + 2m_{101}^{(20)}m_{021}^{(11)}m_{112}^{(00)} + 2m_{101}^{(20)}m_{021}^{(21)}m_{310}^{(21)}\\
&-2m_{101}^{(20)}m_{021}^{(21)}m_{301}^{(11)} - 2m_{101}^{(20)}m_{021}^{(21)}m_{220}^{(20)} + 2m_{101}^{(20)}m_{021}^{(21)}m_{211}^{(10)} - 2m_{101}^{(20)}m_{021}^{(22)}m_{310}^{(11)}\\
&+4m_{101}^{(20)}m_{021}^{(22)}m_{220}^{(10)} - 2m_{101}^{(20)}m_{021}^{(22)}m_{130}^{(00)} + 2m_{101}^{(20)}m_{012}^{(10)}m_{220}^{(21)} - 2m_{101}^{(20)}m_{012}^{(10)}m_{211}^{(11)}\\
&-2m_{101}^{(20)}m_{012}^{(10)}m_{130}^{(20)} + 2m_{101}^{(20)}m_{012}^{(10)}m_{121}^{(10)} - 2m_{101}^{(20)}m_{012}^{(11)}m_{310}^{(21)} + 2m_{101}^{(20)}m_{012}^{(11)}m_{220}^{(20)}\\
&+2m_{101}^{(20)}m_{012}^{(11)}m_{211}^{(10)} - 2m_{101}^{(20)}m_{012}^{(11)}m_{121}^{(00)} + 2m_{101}^{(20)}m_{012}^{(21)}m_{310}^{(11)} - 4m_{101}^{(20)}m_{012}^{(21)}m_{220}^{(10)}\\
&+2m_{101}^{(20)}m_{012}^{(21)}m_{130}^{(00)} + 2m_{101}^{(21)}m_{210}^{(10)}m_{121}^{(22)} - 2m_{101}^{(21)}m_{210}^{(10)}m_{112}^{(21)} - 2m_{101}^{(21)}m_{210}^{(10)}m_{022}^{(20)}\\
&+2m_{101}^{(21)}m_{210}^{(10)}m_{013}^{(10)} - 2m_{101}^{(21)}m_{210}^{(11)}m_{211}^{(22)} + 4m_{101}^{(21)}m_{210}^{(11)}m_{112}^{(20)} - 2m_{101}^{(21)}m_{210}^{(11)}m_{013}^{(00)}\\
&+2m_{101}^{(21)}m_{210}^{(20)}m_{121}^{(21)} - 2m_{101}^{(21)}m_{210}^{(20)}m_{112}^{(11)} - 2m_{101}^{(21)}m_{210}^{(20)}m_{031}^{(20)} + 2m_{101}^{(21)}m_{210}^{(20)}m_{022}^{(10)}\\
&+2m_{101}^{(21)}m_{210}^{(22)}m_{211}^{(11)} - 4m_{101}^{(21)}m_{210}^{(22)}m_{121}^{(10)} + 2m_{101}^{(21)}m_{210}^{(22)}m_{031}^{(00)} - 2m_{101}^{(21)}m_{201}^{(10)}m_{130}^{(22)}\\
&+2m_{101}^{(21)}m_{201}^{(10)}m_{121}^{(21)} + 2m_{101}^{(21)}m_{201}^{(10)}m_{031}^{(20)} - 2m_{101}^{(21)}m_{201}^{(10)}m_{022}^{(10)} + 2m_{101}^{(21)}m_{201}^{(11)}m_{220}^{(22)}\\
&-4m_{101}^{(21)}m_{201}^{(11)}m_{121}^{(20)} + 2m_{101}^{(21)}m_{201}^{(11)}m_{022}^{(00)} - 2m_{101}^{(21)}m_{201}^{(20)}m_{130}^{(21)} + 2m_{101}^{(21)}m_{201}^{(20)}m_{121}^{(11)}\\
&+2m_{101}^{(21)}m_{201}^{(20)}m_{040}^{(20)} - 2m_{101}^{(21)}m_{201}^{(20)}m_{031}^{(10)} - 2m_{101}^{(21)}m_{201}^{(22)}m_{220}^{(11)} + 4m_{101}^{(21)}m_{201}^{(22)}m_{130}^{(10)}\\
&-2m_{101}^{(21)}m_{201}^{(22)}m_{040}^{(00)} - 2m_{101}^{(21)}m_{120}^{(00)}m_{121}^{(22)} + 2m_{101}^{(21)}m_{120}^{(00)}m_{112}^{(21)} + 2m_{101}^{(21)}m_{120}^{(00)}m_{022}^{(20)}\\
&-2m_{101}^{(21)}m_{120}^{(00)}m_{013}^{(10)} + 2m_{101}^{(21)}m_{120}^{(10)}m_{202}^{(21)} - 2m_{101}^{(21)}m_{120}^{(10)}m_{112}^{(20)} - 2m_{101}^{(21)}m_{120}^{(10)}m_{103}^{(10)}\\
&+2m_{101}^{(21)}m_{120}^{(10)}m_{013}^{(00)} + 2m_{101}^{(21)}m_{120}^{(11)}m_{301}^{(22)} - 4m_{101}^{(21)}m_{120}^{(11)}m_{202}^{(20)} + 2m_{101}^{(21)}m_{120}^{(11)}m_{103}^{(00)}\\
&-4m_{101}^{(21)}m_{120}^{(20)}m_{211}^{(21)} + 2m_{101}^{(21)}m_{120}^{(20)}m_{202}^{(11)} + 4m_{101}^{(21)}m_{120}^{(20)}m_{121}^{(20)} - 2m_{101}^{(21)}m_{120}^{(20)}m_{022}^{(00)}\\
&-2m_{101}^{(21)}m_{120}^{(22)}m_{301}^{(11)} + 4m_{101}^{(21)}m_{120}^{(22)}m_{211}^{(10)} - 2m_{101}^{(21)}m_{120}^{(22)}m_{121}^{(00)} + 2m_{101}^{(21)}m_{111}^{(00)}m_{130}^{(22)}\\
&-4m_{101}^{(21)}m_{111}^{(00)}m_{121}^{(21)} + 2m_{101}^{(21)}m_{111}^{(00)}m_{112}^{(11)} - 2m_{101}^{(21)}m_{111}^{(11)}m_{310}^{(22)} + 4m_{101}^{(21)}m_{111}^{(11)}m_{211}^{(20)}\\
&-2m_{101}^{(21)}m_{111}^{(11)}m_{112}^{(00)} + 4m_{101}^{(21)}m_{111}^{(20)}m_{220}^{(21)} - 4m_{101}^{(21)}m_{111}^{(20)}m_{211}^{(11)} - 4m_{101}^{(21)}m_{111}^{(20)}m_{130}^{(20)}\\
&+4m_{101}^{(21)}m_{111}^{(20)}m_{121}^{(10)} + 2m_{101}^{(21)}m_{111}^{(22)}m_{310}^{(11)} - 4m_{101}^{(21)}m_{111}^{(22)}m_{220}^{(10)} + 2m_{101}^{(21)}m_{111}^{(22)}m_{130}^{(00)}\\
&+2m_{101}^{(21)}m_{102}^{(00)}m_{130}^{(21)} - 2m_{101}^{(21)}m_{102}^{(00)}m_{121}^{(11)} - 2m_{101}^{(21)}m_{102}^{(00)}m_{040}^{(20)} + 2m_{101}^{(21)}m_{102}^{(00)}m_{031}^{(10)}\\
&-2m_{101}^{(21)}m_{102}^{(10)}m_{220}^{(21)} + 2m_{101}^{(21)}m_{102}^{(10)}m_{130}^{(20)} + 2m_{101}^{(21)}m_{102}^{(10)}m_{121}^{(10)} - 2m_{101}^{(21)}m_{102}^{(10)}m_{031}^{(00)}
\end{aligned}
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$$+2m_{101}^{(21)}m_{102}^{(20)}m_{220}^{(11)} - 4m_{101}^{(21)}m_{102}^{(20)}m_{130}^{(10)} + 2m_{101}^{(21)}m_{102}^{(20)}m_{040}^{(00)} + 2m_{101}^{(21)}m_{030}^{(00)}m_{211}^{(22)}$$
$$-2m_{101}^{(21)}m_{030}^{(00)}m_{202}^{(21)} - 2m_{101}^{(21)}m_{030}^{(00)}m_{112}^{(20)} + 2m_{101}^{(21)}m_{030}^{(00)}m_{103}^{(10)} - 2m_{101}^{(21)}m_{030}^{(10)}m_{301}^{(22)}$$
$$+4m_{101}^{(21)}m_{030}^{(10)}m_{202}^{(20)} - 2m_{101}^{(21)}m_{030}^{(10)}m_{103}^{(00)} + 2m_{101}^{(21)}m_{030}^{(20)}m_{301}^{(21)} - 2m_{101}^{(21)}m_{030}^{(20)}m_{211}^{(20)}$$
$$-2m_{101}^{(21)}m_{030}^{(20)}m_{202}^{(10)} + 2m_{101}^{(21)}m_{030}^{(20)}m_{112}^{(00)} - 2m_{101}^{(21)}m_{021}^{(00)}m_{220}^{(22)} + 4m_{101}^{(21)}m_{021}^{(00)}m_{211}^{(21)}$$
$$-2m_{101}^{(21)}m_{021}^{(00)}m_{202}^{(11)} + 2m_{101}^{(21)}m_{021}^{(10)}m_{310}^{(22)} - 2m_{101}^{(21)}m_{021}^{(10)}m_{301}^{(21)} - 2m_{101}^{(21)}m_{021}^{(10)}m_{211}^{(20)}$$
$$+2m_{101}^{(21)}m_{021}^{(10)}m_{202}^{(10)} - 2m_{101}^{(21)}m_{021}^{(20)}m_{310}^{(21)} + 2m_{101}^{(21)}m_{021}^{(20)}m_{301}^{(11)} + 2m_{101}^{(21)}m_{021}^{(20)}m_{220}^{(20)}$$
$$-2m_{101}^{(21)}m_{021}^{(20)}m_{211}^{(10)} - 2m_{101}^{(21)}m_{012}^{(00)}m_{220}^{(21)} + 2m_{101}^{(21)}m_{012}^{(00)}m_{211}^{(11)} + 2m_{101}^{(21)}m_{012}^{(00)}m_{130}^{(20)}$$
$$-2m_{101}^{(21)}m_{012}^{(00)}m_{121}^{(10)} + 2m_{101}^{(21)}m_{012}^{(10)}m_{310}^{(21)} - 2m_{101}^{(21)}m_{012}^{(10)}m_{220}^{(20)} - 2m_{101}^{(21)}m_{012}^{(10)}m_{211}^{(10)}$$
$$+2m_{101}^{(21)}m_{012}^{(10)}m_{121}^{(00)} - 2m_{101}^{(21)}m_{012}^{(20)}m_{310}^{(11)} + 4m_{101}^{(21)}m_{012}^{(20)}m_{220}^{(10)} - 2m_{101}^{(21)}m_{012}^{(20)}m_{130}^{(00)}$$
$$-2m_{101}^{(22)}m_{210}^{(10)}m_{121}^{(21)} + 2m_{101}^{(22)}m_{210}^{(10)}m_{112}^{(11)} + 2m_{101}^{(22)}m_{210}^{(10)}m_{031}^{(20)} - 2m_{101}^{(22)}m_{210}^{(10)}m_{022}^{(10)}$$
$$+2m_{101}^{(22)}m_{210}^{(11)}m_{211}^{(21)} - 2m_{101}^{(22)}m_{210}^{(11)}m_{121}^{(20)} - 2m_{101}^{(22)}m_{210}^{(11)}m_{112}^{(10)} + 2m_{101}^{(22)}m_{210}^{(11)}m_{022}^{(00)}$$
$$-2m_{101}^{(22)}m_{210}^{(21)}m_{211}^{(11)} + 4m_{101}^{(22)}m_{210}^{(21)}m_{121}^{(10)} - 2m_{101}^{(22)}m_{210}^{(21)}m_{031}^{(00)} + 2m_{101}^{(22)}m_{201}^{(10)}m_{130}^{(21)}$$
$$-2m_{101}^{(22)}m_{201}^{(10)}m_{121}^{(11)} - 2m_{101}^{(22)}m_{201}^{(10)}m_{040}^{(20)} + 2m_{101}^{(22)}m_{201}^{(10)}m_{031}^{(10)} - 2m_{101}^{(22)}m_{201}^{(11)}m_{220}^{(21)}$$
$$+2m_{101}^{(22)}m_{201}^{(11)}m_{130}^{(20)} + 2m_{101}^{(22)}m_{201}^{(11)}m_{121}^{(10)} - 2m_{101}^{(22)}m_{201}^{(11)}m_{031}^{(00)} + 2m_{101}^{(22)}m_{201}^{(21)}m_{220}^{(11)}$$
$$-4m_{101}^{(22)}m_{201}^{(21)}m_{130}^{(10)} + 2m_{101}^{(22)}m_{201}^{(21)}m_{040}^{(00)} + 2m_{101}^{(22)}m_{120}^{(00)}m_{121}^{(21)} - 2m_{101}^{(22)}m_{120}^{(00)}m_{112}^{(11)}$$
$$-2m_{101}^{(22)}m_{120}^{(00)}m_{031}^{(20)} + 2m_{101}^{(22)}m_{120}^{(00)}m_{022}^{(10)} - 2m_{101}^{(22)}m_{120}^{(10)}m_{202}^{(11)} + 4m_{101}^{(22)}m_{120}^{(10)}m_{112}^{(10)}$$
$$-2m_{101}^{(22)}m_{120}^{(10)}m_{022}^{(00)} - 2m_{101}^{(22)}m_{120}^{(11)}m_{301}^{(21)} + 2m_{101}^{(22)}m_{120}^{(11)}m_{211}^{(20)} + 2m_{101}^{(22)}m_{120}^{(11)}m_{202}^{(10)}$$
$$-2m_{101}^{(22)}m_{120}^{(11)}m_{112}^{(00)} + 2m_{101}^{(22)}m_{120}^{(20)}m_{211}^{(11)} - 4m_{101}^{(22)}m_{120}^{(20)}m_{121}^{(10)} + 2m_{101}^{(22)}m_{120}^{(20)}m_{031}^{(00)}$$
$$+2m_{101}^{(22)}m_{120}^{(21)}m_{301}^{(11)} - 4m_{101}^{(22)}m_{120}^{(21)}m_{211}^{(10)} + 2m_{101}^{(22)}m_{120}^{(21)}m_{121}^{(00)} - 2m_{101}^{(22)}m_{111}^{(00)}m_{130}^{(21)}$$
$$+2m_{101}^{(22)}m_{111}^{(00)}m_{121}^{(11)} + 2m_{101}^{(22)}m_{111}^{(00)}m_{040}^{(20)} - 2m_{101}^{(22)}m_{111}^{(00)}m_{031}^{(10)} + 2m_{101}^{(22)}m_{111}^{(10)}m_{211}^{(11)}$$
$$-4m_{101}^{(22)}m_{111}^{(10)}m_{121}^{(10)} + 2m_{101}^{(22)}m_{111}^{(10)}m_{031}^{(00)} + 2m_{101}^{(22)}m_{111}^{(11)}m_{310}^{(21)} - 2m_{101}^{(22)}m_{111}^{(11)}m_{220}^{(20)}$$
$$-2m_{101}^{(22)}m_{111}^{(11)}m_{211}^{(10)} + 2m_{101}^{(22)}m_{111}^{(11)}m_{121}^{(00)} - 2m_{101}^{(22)}m_{111}^{(20)}m_{220}^{(11)} + 4m_{101}^{(22)}m_{111}^{(20)}m_{130}^{(10)}$$
$$-2m_{101}^{(22)}m_{111}^{(20)}m_{040}^{(00)} - 2m_{101}^{(22)}m_{111}^{(21)}m_{310}^{(11)} + 4m_{101}^{(22)}m_{111}^{(21)}m_{220}^{(10)} - 2m_{101}^{(22)}m_{111}^{(21)}m_{130}^{(00)}$$
$$-2m_{101}^{(22)}m_{030}^{(00)}m_{211}^{(21)} + 2m_{101}^{(22)}m_{030}^{(00)}m_{202}^{(11)} + 2m_{101}^{(22)}m_{030}^{(00)}m_{121}^{(20)} - 2m_{101}^{(22)}m_{030}^{(00)}m_{112}^{(10)}$$
$$+2m_{101}^{(22)}m_{030}^{(10)}m_{301}^{(21)} - 2m_{101}^{(22)}m_{030}^{(10)}m_{211}^{(20)} - 2m_{101}^{(22)}m_{030}^{(10)}m_{202}^{(10)} + 2m_{101}^{(22)}m_{030}^{(10)}m_{112}^{(00)}$$
$$-2m_{101}^{(22)}m_{030}^{(20)}m_{301}^{(11)} + 4m_{101}^{(22)}m_{030}^{(20)}m_{211}^{(10)} - 2m_{101}^{(22)}m_{030}^{(20)}m_{121}^{(00)} + 2m_{101}^{(22)}m_{021}^{(00)}m_{220}^{(21)}$$
$$-2m_{101}^{(22)}m_{021}^{(00)}m_{211}^{(11)} - 2m_{101}^{(22)}m_{021}^{(00)}m_{130}^{(20)} + 2m_{101}^{(22)}m_{021}^{(00)}m_{121}^{(10)} - 2m_{101}^{(22)}m_{021}^{(10)}m_{310}^{(21)}$$
$$+2m_{101}^{(22)}m_{021}^{(10)}m_{220}^{(20)} + 2m_{101}^{(22)}m_{021}^{(10)}m_{211}^{(10)} - 2m_{101}^{(22)}m_{021}^{(10)}m_{121}^{(00)} + 2m_{101}^{(22)}m_{021}^{(20)}m_{310}^{(11)}$$
$$-4m_{101}^{(22)}m_{021}^{(20)}m_{220}^{(10)} + 2m_{101}^{(22)}m_{021}^{(20)}m_{130}^{(00)} - m_{020}^{(00)}m_{210}^{(20)}m_{022}^{(22)} + 2m_{020}^{(00)}m_{210}^{(20)}m_{013}^{(21)}$$
$$-m_{020}^{(00)}m_{210}^{(20)}m_{004}^{(11)} + m_{020}^{(00)}m_{210}^{(21)}m_{112}^{(22)} - m_{020}^{(00)}m_{210}^{(21)}m_{103}^{(21)} - m_{020}^{(00)}m_{210}^{(21)}m_{013}^{(20)}$$
$$+m_{020}^{(00)}m_{210}^{(21)}m_{004}^{(10)} - m_{020}^{(00)}m_{210}^{(22)}m_{112}^{(21)} + m_{020}^{(00)}m_{210}^{(22)}m_{103}^{(11)} + m_{020}^{(00)}m_{210}^{(22)}m_{022}^{(20)}$$
$$-m_{020}^{(00)}m_{210}^{(22)}m_{013}^{(10)} + m_{020}^{(00)}m_{201}^{(10)}m_{022}^{(22)} - 2m_{020}^{(00)}m_{201}^{(10)}m_{013}^{(21)} + m_{020}^{(00)}m_{201}^{(10)}m_{004}^{(11)}$$
$$-m_{020}^{(00)}m_{201}^{(11)}m_{112}^{(22)} + m_{020}^{(00)}m_{201}^{(11)}m_{103}^{(21)} + m_{020}^{(00)}m_{201}^{(11)}m_{013}^{(20)} - m_{020}^{(00)}m_{201}^{(11)}m_{004}^{(10)}$$
$$+m_{020}^{(00)}m_{201}^{(21)}m_{112}^{(21)} - m_{020}^{(00)}m_{201}^{(21)}m_{103}^{(11)} - m_{020}^{(00)}m_{201}^{(21)}m_{022}^{(20)} + m_{020}^{(00)}m_{201}^{(21)}m_{013}^{(10)}$$
$$+2m_{020}^{(00)}m_{111}^{(20)}m_{121}^{(22)} - 4m_{020}^{(00)}m_{111}^{(20)}m_{112}^{(21)} + 2m_{020}^{(00)}m_{111}^{(20)}m_{103}^{(11)} - 2m_{020}^{(00)}m_{111}^{(21)}m_{211}^{(22)}$$
$$+2m_{020}^{(00)}m_{111}^{(21)}m_{202}^{(21)} + 2m_{020}^{(00)}m_{111}^{(21)}m_{112}^{(20)} - 2m_{020}^{(00)}m_{111}^{(21)}m_{103}^{(10)} + 2m_{020}^{(00)}m_{111}^{(22)}m_{211}^{(21)}$$
$$-2m_{020}^{(00)}m_{111}^{(22)}m_{202}^{(11)} - 2m_{020}^{(00)}m_{111}^{(22)}m_{121}^{(20)} + 2m_{020}^{(00)}m_{111}^{(22)}m_{112}^{(10)} - 2m_{020}^{(00)}m_{102}^{(10)}m_{121}^{(22)}$$
$$+4m_{020}^{(00)}m_{102}^{(10)}m_{112}^{(21)} - 2m_{020}^{(00)}m_{102}^{(10)}m_{103}^{(11)} + 2m_{020}^{(00)}m_{102}^{(11)}m_{211}^{(22)} - 2m_{020}^{(00)}m_{102}^{(11)}m_{202}^{(21)}$$

$$
\begin{aligned}
&-2m_{020}^{(00)}m_{102}^{(11)}m_{112}^{(20)} + 2m_{020}^{(00)}m_{102}^{(11)}m_{103}^{(10)} - 2m_{020}^{(00)}m_{102}^{(21)}m_{211}^{(21)} + 2m_{020}^{(00)}m_{102}^{(21)}m_{202}^{(11)} \\
&+2m_{020}^{(00)}m_{102}^{(21)}m_{121}^{(20)} - 2m_{020}^{(00)}m_{102}^{(21)}m_{112}^{(10)} - m_{020}^{(00)}m_{012}^{(20)}m_{220}^{(22)} + 2m_{020}^{(00)}m_{012}^{(20)}m_{211}^{(21)} \\
&-m_{020}^{(00)}m_{012}^{(20)}m_{202}^{(11)} + m_{020}^{(00)}m_{012}^{(21)}m_{310}^{(22)} - m_{020}^{(00)}m_{012}^{(21)}m_{301}^{(21)} - m_{020}^{(00)}m_{012}^{(21)}m_{211}^{(20)} \\
&+m_{020}^{(00)}m_{012}^{(21)}m_{202}^{(10)} - m_{020}^{(00)}m_{012}^{(22)}m_{310}^{(21)} + m_{020}^{(00)}m_{012}^{(22)}m_{301}^{(11)} + m_{020}^{(00)}m_{012}^{(22)}m_{220}^{(20)} \\
&-m_{020}^{(00)}m_{012}^{(22)}m_{211}^{(10)} + m_{020}^{(00)}m_{003}^{(10)}m_{220}^{(22)} - 2m_{020}^{(00)}m_{003}^{(10)}m_{211}^{(21)} + m_{020}^{(00)}m_{003}^{(10)}m_{202}^{(11)} \\
&-m_{020}^{(00)}m_{003}^{(11)}m_{310}^{(22)} + m_{020}^{(00)}m_{003}^{(11)}m_{301}^{(21)} + m_{020}^{(00)}m_{003}^{(11)}m_{211}^{(20)} - m_{020}^{(00)}m_{003}^{(11)}m_{202}^{(10)} \\
&+m_{020}^{(00)}m_{003}^{(21)}m_{310}^{(21)} - m_{020}^{(00)}m_{003}^{(21)}m_{301}^{(11)} - m_{020}^{(00)}m_{003}^{(21)}m_{220}^{(20)} + m_{020}^{(00)}m_{003}^{(21)}m_{211}^{(10)} \\
&+m_{020}^{(10)}m_{300}^{(20)}m_{022}^{(22)} - 2m_{020}^{(10)}m_{300}^{(20)}m_{013}^{(21)} + m_{020}^{(10)}m_{300}^{(20)}m_{004}^{(11)} - m_{020}^{(10)}m_{300}^{(21)}m_{112}^{(22)} \\
&+m_{020}^{(10)}m_{300}^{(21)}m_{103}^{(21)} + m_{020}^{(10)}m_{300}^{(21)}m_{013}^{(20)} - m_{020}^{(10)}m_{300}^{(21)}m_{004}^{(10)} + m_{020}^{(10)}m_{300}^{(22)}m_{112}^{(21)} \\
&-m_{020}^{(10)}m_{300}^{(22)}m_{103}^{(11)} - m_{020}^{(10)}m_{300}^{(22)}m_{022}^{(20)} + m_{020}^{(10)}m_{300}^{(22)}m_{013}^{(10)} + m_{020}^{(10)}m_{210}^{(20)}m_{112}^{(22)} \\
&-m_{020}^{(10)}m_{210}^{(20)}m_{103}^{(21)} - m_{020}^{(10)}m_{210}^{(20)}m_{013}^{(20)} + m_{020}^{(10)}m_{210}^{(20)}m_{004}^{(10)} - m_{020}^{(10)}m_{210}^{(21)}m_{202}^{(22)} \\
&+2m_{020}^{(10)}m_{210}^{(21)}m_{103}^{(20)} - m_{020}^{(10)}m_{210}^{(21)}m_{004}^{(00)} + m_{020}^{(10)}m_{210}^{(22)}m_{202}^{(21)} - m_{020}^{(10)}m_{210}^{(22)}m_{112}^{(20)} \\
&-m_{020}^{(10)}m_{210}^{(22)}m_{103}^{(10)} + m_{020}^{(10)}m_{210}^{(22)}m_{013}^{(00)} - m_{020}^{(10)}m_{201}^{(00)}m_{022}^{(22)} + 2m_{020}^{(10)}m_{201}^{(00)}m_{013}^{(21)} \\
&-m_{020}^{(10)}m_{201}^{(00)}m_{004}^{(11)} + m_{020}^{(10)}m_{201}^{(11)}m_{202}^{(22)} - 2m_{020}^{(10)}m_{201}^{(11)}m_{103}^{(20)} + m_{020}^{(10)}m_{201}^{(11)}m_{004}^{(00)} \\
&-2m_{020}^{(10)}m_{201}^{(20)}m_{121}^{(22)} + 3m_{020}^{(10)}m_{201}^{(20)}m_{112}^{(21)} - m_{020}^{(10)}m_{201}^{(20)}m_{103}^{(11)} + m_{020}^{(10)}m_{201}^{(20)}m_{022}^{(20)} \\
&-m_{020}^{(10)}m_{201}^{(20)}m_{013}^{(10)} + 2m_{020}^{(10)}m_{201}^{(21)}m_{211}^{(22)} - 3m_{020}^{(10)}m_{201}^{(21)}m_{202}^{(21)} - m_{020}^{(10)}m_{201}^{(21)}m_{112}^{(20)} \\
&+3m_{020}^{(10)}m_{201}^{(21)}m_{103}^{(10)} - m_{020}^{(10)}m_{201}^{(21)}m_{013}^{(00)} - 2m_{020}^{(10)}m_{201}^{(22)}m_{211}^{(21)} + 2m_{020}^{(10)}m_{201}^{(22)}m_{202}^{(11)} \\
&+2m_{020}^{(10)}m_{201}^{(22)}m_{121}^{(20)} - 2m_{020}^{(10)}m_{201}^{(22)}m_{112}^{(10)} - 2m_{020}^{(10)}m_{111}^{(20)}m_{211}^{(22)} + 2m_{020}^{(10)}m_{111}^{(20)}m_{202}^{(21)} \\
&+2m_{020}^{(10)}m_{111}^{(20)}m_{112}^{(20)} - 2m_{020}^{(10)}m_{111}^{(20)}m_{103}^{(10)} + 2m_{020}^{(10)}m_{111}^{(21)}m_{301}^{(22)} - 4m_{020}^{(10)}m_{111}^{(21)}m_{202}^{(20)} \\
&+2m_{020}^{(10)}m_{111}^{(21)}m_{103}^{(00)} - 2m_{020}^{(10)}m_{111}^{(22)}m_{301}^{(21)} + 2m_{020}^{(10)}m_{111}^{(22)}m_{211}^{(20)} + 2m_{020}^{(10)}m_{111}^{(22)}m_{202}^{(10)} \\
&-2m_{020}^{(10)}m_{111}^{(22)}m_{112}^{(00)} + 2m_{020}^{(10)}m_{102}^{(00)}m_{121}^{(22)} - 4m_{020}^{(10)}m_{102}^{(00)}m_{112}^{(21)} + 2m_{020}^{(10)}m_{102}^{(00)}m_{103}^{(11)} \\
&-2m_{020}^{(10)}m_{102}^{(11)}m_{301}^{(22)} + 4m_{020}^{(10)}m_{102}^{(11)}m_{202}^{(20)} - 2m_{020}^{(10)}m_{102}^{(11)}m_{103}^{(00)} + m_{020}^{(10)}m_{102}^{(20)}m_{220}^{(22)} \\
&-m_{020}^{(10)}m_{102}^{(20)}m_{202}^{(11)} - 2m_{020}^{(10)}m_{102}^{(20)}m_{121}^{(20)} + 2m_{020}^{(10)}m_{102}^{(20)}m_{112}^{(10)} - m_{020}^{(10)}m_{102}^{(21)}m_{310}^{(22)} \\
&+3m_{020}^{(10)}m_{102}^{(21)}m_{301}^{(21)} - m_{020}^{(10)}m_{102}^{(21)}m_{211}^{(20)} - 3m_{020}^{(10)}m_{102}^{(21)}m_{202}^{(10)} + 2m_{020}^{(10)}m_{102}^{(21)}m_{112}^{(00)} \\
&+m_{020}^{(10)}m_{102}^{(22)}m_{310}^{(21)} - m_{020}^{(10)}m_{102}^{(22)}m_{301}^{(11)} - m_{020}^{(10)}m_{102}^{(22)}m_{220}^{(20)} + m_{020}^{(10)}m_{102}^{(22)}m_{211}^{(10)} \\
&+m_{020}^{(10)}m_{012}^{(20)}m_{310}^{(22)} - m_{020}^{(10)}m_{012}^{(20)}m_{301}^{(21)} - m_{020}^{(10)}m_{012}^{(20)}m_{211}^{(20)} + m_{020}^{(10)}m_{012}^{(20)}m_{202}^{(10)} \\
&-m_{020}^{(10)}m_{012}^{(21)}m_{400}^{(22)} + 2m_{020}^{(10)}m_{012}^{(21)}m_{301}^{(20)} - m_{020}^{(10)}m_{012}^{(21)}m_{202}^{(00)} + m_{020}^{(10)}m_{012}^{(22)}m_{400}^{(21)} \\
&-m_{020}^{(10)}m_{012}^{(22)}m_{310}^{(20)} - m_{020}^{(10)}m_{012}^{(22)}m_{301}^{(10)} + m_{020}^{(10)}m_{012}^{(22)}m_{211}^{(00)} - m_{020}^{(10)}m_{003}^{(00)}m_{220}^{(22)} \\
&+2m_{020}^{(10)}m_{003}^{(00)}m_{211}^{(21)} - m_{020}^{(10)}m_{003}^{(00)}m_{202}^{(11)} + m_{020}^{(10)}m_{003}^{(11)}m_{400}^{(22)} - 2m_{020}^{(10)}m_{003}^{(11)}m_{301}^{(20)} \\
&+m_{020}^{(10)}m_{003}^{(11)}m_{202}^{(00)} - m_{020}^{(10)}m_{003}^{(20)}m_{310}^{(21)} + m_{020}^{(10)}m_{003}^{(20)}m_{301}^{(11)} + m_{020}^{(10)}m_{003}^{(20)}m_{220}^{(20)} \\
&-m_{020}^{(10)}m_{003}^{(20)}m_{211}^{(10)} - m_{020}^{(10)}m_{003}^{(21)}m_{400}^{(21)} + m_{020}^{(10)}m_{003}^{(21)}m_{310}^{(20)} + m_{020}^{(10)}m_{003}^{(21)}m_{301}^{(10)} \\
&-m_{020}^{(10)}m_{003}^{(21)}m_{211}^{(00)} - m_{020}^{(11)}m_{300}^{(20)}m_{112}^{(22)} + m_{020}^{(11)}m_{300}^{(20)}m_{103}^{(21)} + m_{020}^{(11)}m_{300}^{(20)}m_{013}^{(20)} \\
&-m_{020}^{(11)}m_{300}^{(20)}m_{004}^{(10)} + m_{020}^{(11)}m_{300}^{(21)}m_{202}^{(22)} - 2m_{020}^{(11)}m_{300}^{(21)}m_{103}^{(20)} + m_{020}^{(11)}m_{300}^{(21)}m_{004}^{(00)} \\
&-m_{020}^{(11)}m_{300}^{(22)}m_{202}^{(21)} + m_{020}^{(11)}m_{300}^{(22)}m_{112}^{(20)} + m_{020}^{(11)}m_{300}^{(22)}m_{103}^{(10)} - m_{020}^{(11)}m_{300}^{(22)}m_{013}^{(00)} \\
&+m_{020}^{(11)}m_{201}^{(00)}m_{112}^{(22)} - m_{020}^{(11)}m_{201}^{(00)}m_{103}^{(21)} - m_{020}^{(11)}m_{201}^{(00)}m_{013}^{(20)} + m_{020}^{(11)}m_{201}^{(00)}m_{004}^{(10)} \\
&-m_{020}^{(11)}m_{201}^{(10)}m_{202}^{(22)} + 2m_{020}^{(11)}m_{201}^{(10)}m_{103}^{(20)} - m_{020}^{(11)}m_{201}^{(10)}m_{004}^{(00)} + 2m_{020}^{(11)}m_{201}^{(20)}m_{211}^{(22)} \\
&-m_{020}^{(11)}m_{201}^{(20)}m_{202}^{(21)} - 3m_{020}^{(11)}m_{201}^{(20)}m_{112}^{(20)} + m_{020}^{(11)}m_{201}^{(20)}m_{103}^{(10)} + m_{020}^{(11)}m_{201}^{(20)}m_{013}^{(00)} \\
&-2m_{020}^{(11)}m_{201}^{(21)}m_{301}^{(22)} + 4m_{020}^{(11)}m_{201}^{(21)}m_{202}^{(20)} - 2m_{020}^{(11)}m_{201}^{(21)}m_{103}^{(00)} + 2m_{020}^{(11)}m_{201}^{(22)}m_{301}^{(21)}
\end{aligned}
$$

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\begin{aligned}
&-2m_{020}^{(11)}m_{201}^{(22)}m_{211}^{(20)} - 2m_{020}^{(11)}m_{201}^{(22)}m_{202}^{(10)} + 2m_{020}^{(11)}m_{201}^{(22)}m_{112}^{(00)} - 2m_{020}^{(11)}m_{102}^{(00)}m_{211}^{(22)}\\
&+2m_{020}^{(11)}m_{102}^{(00)}m_{202}^{(21)} + 2m_{020}^{(11)}m_{102}^{(00)}m_{112}^{(20)} - 2m_{020}^{(11)}m_{102}^{(00)}m_{103}^{(10)} + 2m_{020}^{(11)}m_{102}^{(10)}m_{301}^{(22)}\\
&-4m_{020}^{(11)}m_{102}^{(10)}m_{202}^{(20)} + 2m_{020}^{(11)}m_{102}^{(10)}m_{103}^{(00)} - m_{020}^{(11)}m_{102}^{(20)}m_{310}^{(22)} - m_{020}^{(11)}m_{102}^{(20)}m_{301}^{(21)}\\
&+3m_{020}^{(11)}m_{102}^{(20)}m_{211}^{(20)} + m_{020}^{(11)}m_{102}^{(20)}m_{202}^{(10)} - 2m_{020}^{(11)}m_{102}^{(20)}m_{112}^{(00)} + m_{020}^{(11)}m_{102}^{(21)}m_{400}^{(22)}\\
&-2m_{020}^{(11)}m_{102}^{(21)}m_{301}^{(20)} + m_{020}^{(11)}m_{102}^{(21)}m_{202}^{(00)} - m_{020}^{(11)}m_{102}^{(22)}m_{400}^{(21)} + m_{020}^{(11)}m_{102}^{(22)}m_{310}^{(20)}\\
&+m_{020}^{(11)}m_{102}^{(22)}m_{301}^{(10)} - m_{020}^{(11)}m_{102}^{(22)}m_{211}^{(00)} + m_{020}^{(11)}m_{003}^{(00)}m_{310}^{(22)} - m_{020}^{(11)}m_{003}^{(00)}m_{301}^{(21)}\\
&-m_{020}^{(11)}m_{003}^{(00)}m_{211}^{(20)} + m_{020}^{(11)}m_{003}^{(00)}m_{202}^{(10)} - m_{020}^{(11)}m_{003}^{(10)}m_{400}^{(22)} + 2m_{020}^{(11)}m_{003}^{(10)}m_{301}^{(20)}\\
&-m_{020}^{(11)}m_{003}^{(10)}m_{202}^{(00)} + m_{020}^{(11)}m_{003}^{(20)}m_{400}^{(21)} - m_{020}^{(11)}m_{003}^{(20)}m_{310}^{(20)} - m_{020}^{(11)}m_{003}^{(20)}m_{301}^{(10)}\\
&+m_{020}^{(11)}m_{003}^{(20)}m_{211}^{(00)} - m_{020}^{(20)}m_{300}^{(10)}m_{022}^{(22)} + 2m_{020}^{(20)}m_{300}^{(10)}m_{013}^{(21)} - m_{020}^{(20)}m_{300}^{(10)}m_{004}^{(11)}\\
&+m_{020}^{(20)}m_{300}^{(11)}m_{112}^{(22)} - m_{020}^{(20)}m_{300}^{(11)}m_{103}^{(21)} - m_{020}^{(20)}m_{300}^{(11)}m_{013}^{(20)} + m_{020}^{(20)}m_{300}^{(11)}m_{004}^{(10)}\\
&-m_{020}^{(20)}m_{300}^{(21)}m_{112}^{(21)} + m_{020}^{(20)}m_{300}^{(21)}m_{103}^{(11)} + m_{020}^{(20)}m_{300}^{(21)}m_{022}^{(20)} - m_{020}^{(20)}m_{300}^{(21)}m_{013}^{(10)}\\
&+m_{020}^{(20)}m_{210}^{(00)}m_{022}^{(22)} - 2m_{020}^{(20)}m_{210}^{(00)}m_{013}^{(21)} + m_{020}^{(20)}m_{210}^{(00)}m_{004}^{(11)} - m_{020}^{(20)}m_{210}^{(10)}m_{112}^{(22)}\\
&+m_{020}^{(20)}m_{210}^{(10)}m_{103}^{(21)} + m_{020}^{(20)}m_{210}^{(10)}m_{013}^{(20)} - m_{020}^{(20)}m_{210}^{(10)}m_{004}^{(10)} + m_{020}^{(20)}m_{210}^{(21)}m_{202}^{(21)}\\
&-m_{020}^{(20)}m_{210}^{(21)}m_{112}^{(20)} - m_{020}^{(20)}m_{210}^{(21)}m_{103}^{(10)} + m_{020}^{(20)}m_{210}^{(21)}m_{013}^{(00)} - m_{020}^{(20)}m_{210}^{(22)}m_{202}^{(11)}\\
&+2m_{020}^{(20)}m_{210}^{(22)}m_{112}^{(10)} - m_{020}^{(20)}m_{210}^{(22)}m_{022}^{(00)} + 2m_{020}^{(20)}m_{201}^{(10)}m_{121}^{(22)} - 3m_{020}^{(20)}m_{201}^{(10)}m_{112}^{(21)}\\
&+m_{020}^{(20)}m_{201}^{(10)}m_{103}^{(11)} - m_{020}^{(20)}m_{201}^{(10)}m_{022}^{(20)} + m_{020}^{(20)}m_{201}^{(10)}m_{013}^{(10)} - 2m_{020}^{(20)}m_{201}^{(11)}m_{211}^{(22)}\\
&+m_{020}^{(20)}m_{201}^{(11)}m_{202}^{(21)} + 3m_{020}^{(20)}m_{201}^{(11)}m_{112}^{(20)} - m_{020}^{(20)}m_{201}^{(11)}m_{103}^{(10)} - m_{020}^{(20)}m_{201}^{(11)}m_{013}^{(00)}\\
&+2m_{020}^{(20)}m_{201}^{(21)}m_{211}^{(21)} - m_{020}^{(20)}m_{201}^{(21)}m_{202}^{(11)} - 2m_{020}^{(20)}m_{201}^{(21)}m_{121}^{(20)} + m_{020}^{(20)}m_{201}^{(21)}m_{022}^{(00)}\\
&-2m_{020}^{(20)}m_{111}^{(00)}m_{121}^{(22)} + 4m_{020}^{(20)}m_{111}^{(00)}m_{112}^{(21)} - 2m_{020}^{(20)}m_{111}^{(00)}m_{103}^{(11)} + 2m_{020}^{(20)}m_{111}^{(10)}m_{211}^{(22)}\\
&-2m_{020}^{(20)}m_{111}^{(10)}m_{202}^{(21)} - 2m_{020}^{(20)}m_{111}^{(10)}m_{112}^{(20)} + 2m_{020}^{(20)}m_{111}^{(10)}m_{103}^{(10)} - 2m_{020}^{(20)}m_{111}^{(20)}m_{301}^{(21)}\\
&+2m_{020}^{(20)}m_{111}^{(21)}m_{211}^{(20)} + 2m_{020}^{(20)}m_{111}^{(21)}m_{202}^{(10)} - 2m_{020}^{(20)}m_{111}^{(21)}m_{112}^{(00)} + 2m_{020}^{(20)}m_{111}^{(22)}m_{301}^{(11)}\\
&-4m_{020}^{(20)}m_{111}^{(22)}m_{211}^{(10)} + 2m_{020}^{(20)}m_{111}^{(22)}m_{121}^{(00)} - m_{020}^{(20)}m_{102}^{(10)}m_{220}^{(22)} + m_{020}^{(20)}m_{102}^{(10)}m_{202}^{(11)}\\
&+2m_{020}^{(20)}m_{102}^{(10)}m_{121}^{(20)} - 2m_{020}^{(20)}m_{102}^{(10)}m_{112}^{(10)} + m_{020}^{(20)}m_{102}^{(11)}m_{310}^{(22)} + m_{020}^{(20)}m_{102}^{(11)}m_{301}^{(21)}\\
&-3m_{020}^{(20)}m_{102}^{(11)}m_{211}^{(20)} - m_{020}^{(20)}m_{102}^{(11)}m_{202}^{(10)} + 2m_{020}^{(20)}m_{102}^{(11)}m_{112}^{(00)} - m_{020}^{(20)}m_{102}^{(21)}m_{310}^{(21)}\\
&-m_{020}^{(20)}m_{102}^{(21)}m_{301}^{(11)} + m_{020}^{(20)}m_{102}^{(21)}m_{220}^{(20)} + 3m_{020}^{(20)}m_{102}^{(21)}m_{211}^{(10)} - 2m_{020}^{(20)}m_{102}^{(21)}m_{121}^{(00)}\\
&+m_{020}^{(20)}m_{012}^{(00)}m_{220}^{(22)} - 2m_{020}^{(20)}m_{012}^{(00)}m_{211}^{(21)} + m_{020}^{(20)}m_{012}^{(00)}m_{202}^{(11)} - m_{020}^{(20)}m_{012}^{(10)}m_{310}^{(22)}\\
&+m_{020}^{(20)}m_{012}^{(10)}m_{301}^{(21)} + m_{020}^{(20)}m_{012}^{(10)}m_{211}^{(20)} - m_{020}^{(20)}m_{012}^{(10)}m_{202}^{(10)} + m_{020}^{(20)}m_{012}^{(21)}m_{400}^{(21)}\\
&-m_{020}^{(20)}m_{012}^{(21)}m_{310}^{(20)} - m_{020}^{(20)}m_{012}^{(21)}m_{301}^{(10)} + m_{020}^{(20)}m_{012}^{(21)}m_{211}^{(00)} - m_{020}^{(20)}m_{012}^{(22)}m_{400}^{(11)}\\
&+2m_{020}^{(20)}m_{012}^{(22)}m_{310}^{(10)} - m_{020}^{(20)}m_{012}^{(22)}m_{220}^{(00)} + m_{020}^{(20)}m_{003}^{(10)}m_{310}^{(21)} - m_{020}^{(20)}m_{003}^{(10)}m_{301}^{(11)}\\
&-m_{020}^{(20)}m_{003}^{(10)}m_{220}^{(20)} + m_{020}^{(20)}m_{003}^{(10)}m_{211}^{(10)} - m_{020}^{(20)}m_{003}^{(11)}m_{400}^{(21)} + m_{020}^{(20)}m_{003}^{(11)}m_{310}^{(20)}\\
&+m_{020}^{(20)}m_{003}^{(11)}m_{301}^{(10)} - m_{020}^{(20)}m_{003}^{(11)}m_{211}^{(00)} + m_{020}^{(20)}m_{003}^{(21)}m_{400}^{(11)} - 2m_{020}^{(20)}m_{003}^{(21)}m_{310}^{(10)}\\
&+m_{020}^{(20)}m_{003}^{(21)}m_{220}^{(00)} + m_{020}^{(21)}m_{300}^{(10)}m_{112}^{(22)} - m_{020}^{(21)}m_{300}^{(10)}m_{103}^{(21)} - m_{020}^{(21)}m_{300}^{(10)}m_{013}^{(20)}\\
&+m_{020}^{(21)}m_{300}^{(10)}m_{004}^{(10)} - m_{020}^{(21)}m_{300}^{(11)}m_{202}^{(22)} + 2m_{020}^{(21)}m_{300}^{(11)}m_{103}^{(20)} - m_{020}^{(21)}m_{300}^{(11)}m_{004}^{(00)}\\
&+m_{020}^{(21)}m_{300}^{(20)}m_{112}^{(21)} - m_{020}^{(21)}m_{300}^{(20)}m_{103}^{(11)} - m_{020}^{(21)}m_{300}^{(20)}m_{022}^{(20)} + m_{020}^{(21)}m_{300}^{(20)}m_{013}^{(10)}\\
&+m_{020}^{(21)}m_{300}^{(22)}m_{202}^{(11)} - 2m_{020}^{(21)}m_{300}^{(22)}m_{112}^{(10)} + m_{020}^{(21)}m_{300}^{(22)}m_{022}^{(00)} - m_{020}^{(21)}m_{210}^{(00)}m_{112}^{(22)}\\
&+m_{020}^{(21)}m_{210}^{(00)}m_{103}^{(21)} + m_{020}^{(21)}m_{210}^{(00)}m_{013}^{(20)} - m_{020}^{(21)}m_{210}^{(00)}m_{004}^{(10)} + m_{020}^{(21)}m_{210}^{(10)}m_{202}^{(22)}\\
&-2m_{020}^{(21)}m_{210}^{(10)}m_{103}^{(20)} + m_{020}^{(21)}m_{210}^{(10)}m_{004}^{(00)} - m_{020}^{(21)}m_{210}^{(20)}m_{202}^{(21)} + m_{020}^{(21)}m_{210}^{(20)}m_{112}^{(20)}\\
&+m_{020}^{(21)}m_{210}^{(20)}m_{103}^{(10)} - m_{020}^{(21)}m_{210}^{(20)}m_{013}^{(00)} - m_{020}^{(21)}m_{201}^{(00)}m_{112}^{(21)} + m_{020}^{(21)}m_{201}^{(00)}m_{103}^{(11)}
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\begin{aligned}
&+m_{020}^{(21)}m_{201}^{(00)}m_{022}^{(20)} - m_{020}^{(21)}m_{201}^{(00)}m_{013}^{(10)} - 2m_{020}^{(21)}m_{201}^{(10)}m_{211}^{(22)} + 3m_{020}^{(21)}m_{201}^{(10)}m_{202}^{(21)}\\
&+m_{020}^{(21)}m_{201}^{(10)}m_{112}^{(20)} - 3m_{020}^{(21)}m_{201}^{(10)}m_{103}^{(10)} + m_{020}^{(21)}m_{201}^{(10)}m_{013}^{(00)} + 2m_{020}^{(21)}m_{201}^{(11)}m_{301}^{(22)}\\
&-4m_{020}^{(21)}m_{201}^{(11)}m_{202}^{(20)} + 2m_{020}^{(21)}m_{201}^{(11)}m_{103}^{(00)} - 2m_{020}^{(21)}m_{201}^{(20)}m_{211}^{(21)} + m_{020}^{(21)}m_{201}^{(20)}m_{202}^{(11)}\\
&+2m_{020}^{(21)}m_{201}^{(20)}m_{121}^{(20)} - m_{020}^{(21)}m_{201}^{(20)}m_{022}^{(00)} - 2m_{020}^{(21)}m_{201}^{(22)}m_{301}^{(11)} + 4m_{020}^{(21)}m_{201}^{(22)}m_{211}^{(10)}\\
&-2m_{020}^{(21)}m_{201}^{(22)}m_{121}^{(00)} + 2m_{020}^{(21)}m_{111}^{(00)}m_{211}^{(22)} - 2m_{020}^{(21)}m_{111}^{(00)}m_{202}^{(21)} - 2m_{020}^{(21)}m_{111}^{(00)}m_{112}^{(20)}\\
&+2m_{020}^{(21)}m_{111}^{(00)}m_{103}^{(10)} - 2m_{020}^{(21)}m_{111}^{(10)}m_{301}^{(22)} + 4m_{020}^{(21)}m_{111}^{(10)}m_{202}^{(20)} - 2m_{020}^{(21)}m_{111}^{(10)}m_{103}^{(00)}\\
&+2m_{020}^{(21)}m_{111}^{(20)}m_{301}^{(21)} - 2m_{020}^{(21)}m_{111}^{(20)}m_{211}^{(20)} - 2m_{020}^{(21)}m_{111}^{(20)}m_{202}^{(10)} + 2m_{020}^{(21)}m_{111}^{(20)}m_{112}^{(00)}\\
&+2m_{020}^{(21)}m_{102}^{(00)}m_{211}^{(21)} - 2m_{020}^{(21)}m_{102}^{(00)}m_{202}^{(11)} - 2m_{020}^{(21)}m_{102}^{(00)}m_{121}^{(20)} + 2m_{020}^{(21)}m_{102}^{(00)}m_{112}^{(10)}\\
&+m_{020}^{(21)}m_{102}^{(10)}m_{310}^{(22)} - 3m_{020}^{(21)}m_{102}^{(10)}m_{301}^{(21)} + m_{020}^{(21)}m_{102}^{(10)}m_{211}^{(20)} + 3m_{020}^{(21)}m_{102}^{(10)}m_{202}^{(10)}\\
&-2m_{020}^{(21)}m_{102}^{(10)}m_{112}^{(00)} - m_{020}^{(21)}m_{102}^{(11)}m_{400}^{(22)} + 2m_{020}^{(21)}m_{102}^{(11)}m_{301}^{(20)} - m_{020}^{(21)}m_{102}^{(11)}m_{202}^{(00)}\\
&+m_{020}^{(21)}m_{102}^{(20)}m_{310}^{(21)} + m_{020}^{(21)}m_{102}^{(20)}m_{301}^{(11)} - m_{020}^{(21)}m_{102}^{(20)}m_{220}^{(20)} - 3m_{020}^{(21)}m_{102}^{(20)}m_{211}^{(10)}\\
&+2m_{020}^{(21)}m_{102}^{(20)}m_{121}^{(00)} + m_{020}^{(21)}m_{102}^{(22)}m_{400}^{(11)} - 2m_{020}^{(21)}m_{102}^{(22)}m_{310}^{(10)} + m_{020}^{(21)}m_{102}^{(22)}m_{220}^{(00)}\\
&-m_{020}^{(21)}m_{012}^{(00)}m_{310}^{(22)} + m_{020}^{(21)}m_{012}^{(00)}m_{301}^{(21)} + m_{020}^{(21)}m_{012}^{(00)}m_{211}^{(20)} - m_{020}^{(21)}m_{012}^{(00)}m_{202}^{(10)}\\
&+m_{020}^{(21)}m_{012}^{(10)}m_{400}^{(22)} - 2m_{020}^{(21)}m_{012}^{(10)}m_{301}^{(20)} + m_{020}^{(21)}m_{012}^{(10)}m_{202}^{(00)} - m_{020}^{(21)}m_{012}^{(20)}m_{400}^{(21)}\\
&+m_{020}^{(21)}m_{012}^{(20)}m_{310}^{(20)} + m_{020}^{(21)}m_{012}^{(20)}m_{301}^{(10)} - m_{020}^{(21)}m_{012}^{(20)}m_{211}^{(00)} - m_{020}^{(21)}m_{003}^{(00)}m_{310}^{(21)}\\
&+m_{020}^{(21)}m_{003}^{(00)}m_{301}^{(11)} + m_{020}^{(21)}m_{003}^{(00)}m_{220}^{(20)} - m_{020}^{(21)}m_{003}^{(00)}m_{211}^{(10)} + m_{020}^{(21)}m_{003}^{(10)}m_{400}^{(21)}\\
&-m_{020}^{(21)}m_{003}^{(10)}m_{310}^{(20)} - m_{020}^{(21)}m_{003}^{(10)}m_{301}^{(10)} + m_{020}^{(21)}m_{003}^{(10)}m_{211}^{(00)} - m_{020}^{(21)}m_{003}^{(20)}m_{400}^{(11)}\\
&+2m_{020}^{(21)}m_{003}^{(20)}m_{310}^{(10)} - m_{020}^{(21)}m_{003}^{(20)}m_{220}^{(00)} - m_{020}^{(22)}m_{300}^{(10)}m_{112}^{(21)} + m_{020}^{(22)}m_{300}^{(10)}m_{103}^{(11)}\\
&+m_{020}^{(22)}m_{300}^{(10)}m_{022}^{(20)} - m_{020}^{(22)}m_{300}^{(10)}m_{013}^{(10)} + m_{020}^{(22)}m_{300}^{(11)}m_{202}^{(21)} - m_{020}^{(22)}m_{300}^{(11)}m_{112}^{(20)}\\
&-m_{020}^{(22)}m_{300}^{(11)}m_{103}^{(10)} + m_{020}^{(22)}m_{300}^{(11)}m_{013}^{(00)} - m_{020}^{(22)}m_{300}^{(21)}m_{202}^{(11)} + 2m_{020}^{(22)}m_{300}^{(21)}m_{112}^{(10)}\\
&-m_{020}^{(22)}m_{300}^{(21)}m_{022}^{(00)} + m_{020}^{(22)}m_{210}^{(00)}m_{112}^{(21)} - m_{020}^{(22)}m_{210}^{(00)}m_{103}^{(11)} - m_{020}^{(22)}m_{210}^{(00)}m_{022}^{(20)}\\
&+m_{020}^{(22)}m_{210}^{(00)}m_{013}^{(10)} - m_{020}^{(22)}m_{210}^{(10)}m_{202}^{(21)} + m_{020}^{(22)}m_{210}^{(10)}m_{112}^{(20)} + m_{020}^{(22)}m_{210}^{(10)}m_{103}^{(10)}\\
&-m_{020}^{(22)}m_{210}^{(10)}m_{013}^{(00)} + m_{020}^{(22)}m_{210}^{(20)}m_{202}^{(11)} - 2m_{020}^{(22)}m_{210}^{(20)}m_{112}^{(10)} + m_{020}^{(22)}m_{210}^{(20)}m_{022}^{(00)}\\
&+2m_{020}^{(22)}m_{201}^{(10)}m_{211}^{(21)} - 2m_{020}^{(22)}m_{201}^{(10)}m_{202}^{(11)} - 2m_{020}^{(22)}m_{201}^{(10)}m_{121}^{(20)} + 2m_{020}^{(22)}m_{201}^{(10)}m_{112}^{(10)}\\
&-2m_{020}^{(22)}m_{201}^{(11)}m_{301}^{(21)} + 2m_{020}^{(22)}m_{201}^{(11)}m_{211}^{(20)} + 2m_{020}^{(22)}m_{201}^{(11)}m_{202}^{(10)} - 2m_{020}^{(22)}m_{201}^{(11)}m_{112}^{(00)}\\
&+2m_{020}^{(22)}m_{201}^{(21)}m_{301}^{(11)} - 4m_{020}^{(22)}m_{201}^{(21)}m_{211}^{(10)} + 2m_{020}^{(22)}m_{201}^{(21)}m_{121}^{(00)} - 2m_{020}^{(22)}m_{111}^{(00)}m_{211}^{(21)}\\
&+2m_{020}^{(22)}m_{111}^{(00)}m_{202}^{(11)} + 2m_{020}^{(22)}m_{111}^{(00)}m_{121}^{(20)} - 2m_{020}^{(22)}m_{111}^{(00)}m_{112}^{(10)} + 2m_{020}^{(22)}m_{111}^{(10)}m_{301}^{(21)}\\
&-2m_{020}^{(22)}m_{111}^{(10)}m_{211}^{(20)} - 2m_{020}^{(22)}m_{111}^{(10)}m_{202}^{(10)} + 2m_{020}^{(22)}m_{111}^{(10)}m_{112}^{(00)} - 2m_{020}^{(22)}m_{111}^{(20)}m_{301}^{(11)}\\
&+4m_{020}^{(22)}m_{111}^{(20)}m_{211}^{(10)} - 2m_{020}^{(22)}m_{111}^{(20)}m_{121}^{(00)} - m_{020}^{(22)}m_{102}^{(10)}m_{310}^{(21)} + m_{020}^{(22)}m_{102}^{(10)}m_{301}^{(11)}\\
&+m_{020}^{(22)}m_{102}^{(10)}m_{220}^{(20)} - m_{020}^{(22)}m_{102}^{(10)}m_{211}^{(10)} + m_{020}^{(22)}m_{102}^{(11)}m_{400}^{(21)} - m_{020}^{(22)}m_{102}^{(11)}m_{310}^{(20)}\\
&-m_{020}^{(22)}m_{102}^{(11)}m_{301}^{(10)} + m_{020}^{(22)}m_{102}^{(11)}m_{211}^{(00)} - m_{020}^{(22)}m_{102}^{(21)}m_{400}^{(11)} + 2m_{020}^{(22)}m_{102}^{(21)}m_{310}^{(10)}\\
&-m_{020}^{(22)}m_{102}^{(21)}m_{220}^{(00)} + m_{020}^{(22)}m_{012}^{(00)}m_{310}^{(21)} - m_{020}^{(22)}m_{012}^{(00)}m_{301}^{(11)} - m_{020}^{(22)}m_{012}^{(00)}m_{220}^{(20)}\\
&+m_{020}^{(22)}m_{012}^{(00)}m_{211}^{(10)} - m_{020}^{(22)}m_{012}^{(10)}m_{400}^{(21)} + m_{020}^{(22)}m_{012}^{(10)}m_{310}^{(20)} + m_{020}^{(22)}m_{012}^{(10)}m_{301}^{(10)}\\
&-m_{020}^{(22)}m_{012}^{(10)}m_{211}^{(00)} + m_{020}^{(22)}m_{012}^{(20)}m_{400}^{(11)} - 2m_{020}^{(22)}m_{012}^{(20)}m_{310}^{(10)} + m_{020}^{(22)}m_{012}^{(20)}m_{220}^{(00)}\\
&+2m_{011}^{(00)}m_{210}^{(20)}m_{031}^{(22)} - 4m_{011}^{(00)}m_{210}^{(20)}m_{022}^{(21)} + 2m_{011}^{(00)}m_{210}^{(20)}m_{013}^{(11)} - 2m_{011}^{(00)}m_{210}^{(21)}m_{121}^{(22)}\\
&+2m_{011}^{(00)}m_{210}^{(21)}m_{112}^{(21)} + 2m_{011}^{(00)}m_{210}^{(21)}m_{022}^{(20)} - 2m_{011}^{(00)}m_{210}^{(21)}m_{013}^{(10)} + 2m_{011}^{(00)}m_{210}^{(22)}m_{121}^{(21)}\\
&-2m_{011}^{(00)}m_{210}^{(22)}m_{112}^{(11)} - 2m_{011}^{(00)}m_{210}^{(22)}m_{031}^{(20)} + 2m_{011}^{(00)}m_{210}^{(22)}m_{022}^{(10)} - 2m_{011}^{(00)}m_{201}^{(10)}m_{031}^{(22)}\\
&+4m_{011}^{(00)}m_{201}^{(10)}m_{022}^{(21)} - 2m_{011}^{(00)}m_{201}^{(10)}m_{013}^{(11)} + 2m_{011}^{(00)}m_{201}^{(11)}m_{121}^{(22)} - 2m_{011}^{(00)}m_{201}^{(11)}m_{112}^{(21)}
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\begin{aligned}
&-2m_{011}^{(00)}m_{201}^{(11)}m_{022}^{(20)} + 2m_{011}^{(00)}m_{201}^{(11)}m_{013}^{(10)} - 2m_{011}^{(00)}m_{201}^{(21)}m_{121}^{(21)} + 2m_{011}^{(00)}m_{201}^{(21)}m_{112}^{(11)}\\
&+2m_{011}^{(00)}m_{201}^{(21)}m_{031}^{(20)} - 2m_{011}^{(00)}m_{201}^{(21)}m_{022}^{(10)} - 2m_{011}^{(00)}m_{120}^{(20)}m_{121}^{(22)} + 4m_{011}^{(00)}m_{120}^{(20)}m_{112}^{(21)}\\
&-2m_{011}^{(00)}m_{120}^{(20)}m_{103}^{(11)} + 2m_{011}^{(00)}m_{120}^{(21)}m_{211}^{(22)} - 2m_{011}^{(00)}m_{120}^{(21)}m_{202}^{(21)} - 2m_{011}^{(00)}m_{120}^{(21)}m_{112}^{(20)}\\
&+2m_{011}^{(00)}m_{120}^{(21)}m_{103}^{(10)} - 2m_{011}^{(00)}m_{120}^{(22)}m_{211}^{(21)} + 2m_{011}^{(00)}m_{120}^{(22)}m_{202}^{(11)} + 2m_{011}^{(00)}m_{120}^{(22)}m_{121}^{(20)}\\
&-2m_{011}^{(00)}m_{120}^{(22)}m_{112}^{(10)} + 2m_{011}^{(00)}m_{111}^{(10)}m_{121}^{(22)} - 4m_{011}^{(00)}m_{111}^{(10)}m_{112}^{(21)} + 2m_{011}^{(00)}m_{111}^{(10)}m_{103}^{(11)}\\
&-2m_{011}^{(00)}m_{111}^{(11)}m_{211}^{(22)} + 2m_{011}^{(00)}m_{111}^{(11)}m_{202}^{(21)} + 2m_{011}^{(00)}m_{111}^{(11)}m_{112}^{(20)} - 2m_{011}^{(00)}m_{111}^{(11)}m_{103}^{(10)}\\
&-2m_{011}^{(00)}m_{111}^{(20)}m_{130}^{(22)} + 4m_{011}^{(00)}m_{111}^{(20)}m_{121}^{(21)} - 2m_{011}^{(00)}m_{111}^{(20)}m_{112}^{(11)} + 2m_{011}^{(00)}m_{111}^{(21)}m_{220}^{(22)}\\
&-2m_{011}^{(00)}m_{111}^{(21)}m_{202}^{(11)} - 4m_{011}^{(00)}m_{111}^{(21)}m_{121}^{(20)} + 4m_{011}^{(00)}m_{111}^{(21)}m_{112}^{(10)} - 2m_{011}^{(00)}m_{111}^{(22)}m_{220}^{(21)}\\
&+2m_{011}^{(00)}m_{111}^{(22)}m_{211}^{(11)} + 2m_{011}^{(00)}m_{111}^{(22)}m_{130}^{(20)} - 2m_{011}^{(00)}m_{111}^{(22)}m_{121}^{(10)} + 2m_{011}^{(00)}m_{102}^{(10)}m_{130}^{(22)}\\
&-4m_{011}^{(00)}m_{102}^{(10)}m_{121}^{(21)} + 2m_{011}^{(00)}m_{102}^{(10)}m_{112}^{(11)} - 2m_{011}^{(00)}m_{102}^{(11)}m_{220}^{(22)} + 2m_{011}^{(00)}m_{102}^{(11)}m_{211}^{(21)}\\
&+2m_{011}^{(00)}m_{102}^{(11)}m_{121}^{(20)} - 2m_{011}^{(00)}m_{102}^{(11)}m_{112}^{(10)} + 2m_{011}^{(00)}m_{102}^{(21)}m_{220}^{(21)} - 2m_{011}^{(00)}m_{102}^{(21)}m_{211}^{(11)}\\
&-2m_{011}^{(00)}m_{102}^{(21)}m_{130}^{(20)} + 2m_{011}^{(00)}m_{102}^{(21)}m_{121}^{(10)} + 2m_{011}^{(00)}m_{021}^{(20)}m_{220}^{(22)} - 4m_{011}^{(00)}m_{021}^{(20)}m_{211}^{(21)}\\
&+2m_{011}^{(00)}m_{021}^{(20)}m_{202}^{(11)} - 2m_{011}^{(00)}m_{021}^{(21)}m_{310}^{(22)} + 2m_{011}^{(00)}m_{021}^{(21)}m_{301}^{(21)} + 2m_{011}^{(00)}m_{021}^{(21)}m_{211}^{(20)}\\
&-2m_{011}^{(00)}m_{021}^{(21)}m_{202}^{(10)} + 2m_{011}^{(00)}m_{021}^{(22)}m_{310}^{(21)} - 2m_{011}^{(00)}m_{021}^{(22)}m_{301}^{(11)} - 2m_{011}^{(00)}m_{021}^{(22)}m_{220}^{(20)}\\
&+2m_{011}^{(00)}m_{021}^{(22)}m_{211}^{(10)} - 2m_{011}^{(00)}m_{012}^{(10)}m_{220}^{(22)} + 4m_{011}^{(00)}m_{012}^{(10)}m_{211}^{(21)} - 2m_{011}^{(00)}m_{012}^{(10)}m_{202}^{(11)}\\
&+2m_{011}^{(00)}m_{012}^{(11)}m_{310}^{(22)} - 2m_{011}^{(00)}m_{012}^{(11)}m_{301}^{(21)} - 2m_{011}^{(00)}m_{012}^{(11)}m_{211}^{(20)} + 2m_{011}^{(00)}m_{012}^{(11)}m_{202}^{(10)}\\
&-2m_{011}^{(00)}m_{012}^{(21)}m_{310}^{(21)} + 2m_{011}^{(00)}m_{012}^{(21)}m_{301}^{(11)} + 2m_{011}^{(00)}m_{012}^{(21)}m_{220}^{(20)} - 2m_{011}^{(00)}m_{012}^{(21)}m_{211}^{(10)}\\
&-2m_{011}^{(10)}m_{300}^{(20)}m_{031}^{(22)} + 4m_{011}^{(10)}m_{300}^{(20)}m_{022}^{(21)} - 2m_{011}^{(10)}m_{300}^{(20)}m_{013}^{(11)} + 2m_{011}^{(10)}m_{300}^{(21)}m_{121}^{(22)}\\
&-2m_{011}^{(10)}m_{300}^{(21)}m_{112}^{(21)} - 2m_{011}^{(10)}m_{300}^{(21)}m_{022}^{(20)} + 2m_{011}^{(10)}m_{300}^{(21)}m_{013}^{(10)} - 2m_{011}^{(10)}m_{300}^{(22)}m_{121}^{(21)}\\
&+2m_{011}^{(10)}m_{300}^{(22)}m_{112}^{(11)} + 2m_{011}^{(10)}m_{300}^{(22)}m_{031}^{(20)} - 2m_{011}^{(10)}m_{300}^{(22)}m_{022}^{(10)} - 2m_{011}^{(10)}m_{210}^{(20)}m_{112}^{(21)}\\
&+2m_{011}^{(10)}m_{210}^{(20)}m_{103}^{(11)} + 2m_{011}^{(10)}m_{210}^{(20)}m_{022}^{(20)} - 2m_{011}^{(10)}m_{210}^{(20)}m_{013}^{(10)} + 2m_{011}^{(10)}m_{210}^{(21)}m_{202}^{(21)}\\
&-2m_{011}^{(10)}m_{210}^{(21)}m_{112}^{(20)} - 2m_{011}^{(10)}m_{210}^{(21)}m_{103}^{(10)} + 2m_{011}^{(10)}m_{210}^{(21)}m_{013}^{(00)} - 2m_{011}^{(10)}m_{210}^{(22)}m_{202}^{(11)}\\
&+4m_{011}^{(10)}m_{210}^{(22)}m_{112}^{(10)} - 2m_{011}^{(10)}m_{210}^{(22)}m_{022}^{(00)} + 2m_{011}^{(10)}m_{201}^{(00)}m_{031}^{(22)} - 4m_{011}^{(10)}m_{201}^{(00)}m_{022}^{(21)}\\
&+2m_{011}^{(10)}m_{201}^{(00)}m_{013}^{(11)} - 2m_{011}^{(10)}m_{201}^{(11)}m_{211}^{(22)} + 4m_{011}^{(10)}m_{201}^{(11)}m_{112}^{(20)} - 2m_{011}^{(10)}m_{201}^{(11)}m_{013}^{(00)}\\
&+2m_{011}^{(10)}m_{201}^{(20)}m_{130}^{(22)} - 2m_{011}^{(10)}m_{201}^{(20)}m_{121}^{(21)} - 2m_{011}^{(10)}m_{201}^{(20)}m_{031}^{(20)} + 2m_{011}^{(10)}m_{201}^{(20)}m_{022}^{(10)}\\
&-2m_{011}^{(10)}m_{201}^{(21)}m_{220}^{(22)} + 4m_{011}^{(10)}m_{201}^{(21)}m_{211}^{(21)} - 4m_{011}^{(10)}m_{201}^{(21)}m_{112}^{(10)} + 2m_{011}^{(10)}m_{201}^{(21)}m_{022}^{(00)}\\
&+2m_{011}^{(10)}m_{201}^{(22)}m_{220}^{(21)} - 2m_{011}^{(10)}m_{201}^{(22)}m_{211}^{(11)} - 2m_{011}^{(10)}m_{201}^{(22)}m_{130}^{(20)} + 2m_{011}^{(10)}m_{201}^{(22)}m_{121}^{(10)}\\
&+2m_{011}^{(10)}m_{120}^{(20)}m_{211}^{(22)} - 2m_{011}^{(10)}m_{120}^{(20)}m_{202}^{(21)} - 2m_{011}^{(10)}m_{120}^{(20)}m_{112}^{(20)} + 2m_{011}^{(10)}m_{120}^{(20)}m_{103}^{(10)}\\
&-2m_{011}^{(10)}m_{120}^{(21)}m_{301}^{(22)} + 4m_{011}^{(10)}m_{120}^{(21)}m_{202}^{(20)} - 2m_{011}^{(10)}m_{120}^{(21)}m_{103}^{(00)} + 2m_{011}^{(10)}m_{120}^{(22)}m_{301}^{(21)}\\
&-2m_{011}^{(10)}m_{120}^{(22)}m_{211}^{(20)} - 2m_{011}^{(10)}m_{120}^{(22)}m_{202}^{(10)} + 2m_{011}^{(10)}m_{120}^{(22)}m_{112}^{(00)} - 2m_{011}^{(10)}m_{111}^{(00)}m_{121}^{(22)}\\
&+4m_{011}^{(10)}m_{111}^{(00)}m_{112}^{(21)} - 2m_{011}^{(10)}m_{111}^{(00)}m_{103}^{(11)} + 2m_{011}^{(10)}m_{111}^{(11)}m_{301}^{(22)} - 4m_{011}^{(10)}m_{111}^{(11)}m_{202}^{(20)}\\
&+2m_{011}^{(10)}m_{111}^{(11)}m_{103}^{(00)} - 4m_{011}^{(10)}m_{111}^{(21)}m_{301}^{(21)} + 4m_{011}^{(10)}m_{111}^{(21)}m_{211}^{(20)} + 4m_{011}^{(10)}m_{111}^{(21)}m_{202}^{(10)}\\
&-4m_{011}^{(10)}m_{111}^{(21)}m_{112}^{(00)} + 2m_{011}^{(10)}m_{111}^{(22)}m_{301}^{(11)} - 4m_{011}^{(10)}m_{111}^{(22)}m_{211}^{(10)} + 2m_{011}^{(10)}m_{111}^{(22)}m_{121}^{(00)}\\
&-2m_{011}^{(10)}m_{102}^{(00)}m_{130}^{(22)} + 4m_{011}^{(10)}m_{102}^{(00)}m_{121}^{(21)} - 2m_{011}^{(10)}m_{102}^{(00)}m_{112}^{(11)} + 2m_{011}^{(10)}m_{102}^{(11)}m_{310}^{(22)}\\
&-4m_{011}^{(10)}m_{102}^{(11)}m_{211}^{(20)} + 2m_{011}^{(10)}m_{102}^{(11)}m_{112}^{(00)} - 2m_{011}^{(10)}m_{102}^{(20)}m_{220}^{(21)} + 2m_{011}^{(10)}m_{102}^{(20)}m_{211}^{(11)}\\
&+2m_{011}^{(10)}m_{102}^{(20)}m_{130}^{(20)} - 2m_{011}^{(10)}m_{102}^{(20)}m_{121}^{(10)} - 2m_{011}^{(10)}m_{102}^{(21)}m_{310}^{(21)} + 2m_{011}^{(10)}m_{102}^{(21)}m_{220}^{(20)}\\
&+2m_{011}^{(10)}m_{102}^{(21)}m_{211}^{(10)} - 2m_{011}^{(10)}m_{102}^{(21)}m_{121}^{(00)} - 2m_{011}^{(10)}m_{021}^{(20)}m_{310}^{(22)} + 2m_{011}^{(10)}m_{021}^{(20)}m_{301}^{(21)}\\
&+2m_{011}^{(10)}m_{021}^{(20)}m_{211}^{(20)} - 2m_{011}^{(10)}m_{021}^{(20)}m_{202}^{(10)} + 2m_{011}^{(10)}m_{021}^{(21)}m_{400}^{(22)} - 4m_{011}^{(10)}m_{021}^{(21)}m_{301}^{(20)}
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&+2m_{011}^{(10)}m_{021}^{(21)}m_{202}^{(00)} - 2m_{011}^{(10)}m_{021}^{(22)}m_{400}^{(21)} + 2m_{011}^{(10)}m_{021}^{(22)}m_{310}^{(20)} + 2m_{011}^{(10)}m_{021}^{(22)}m_{301}^{(10)}\\
&-2m_{011}^{(10)}m_{021}^{(22)}m_{211}^{(00)} + 2m_{011}^{(10)}m_{012}^{(00)}m_{220}^{(22)} - 4m_{011}^{(10)}m_{012}^{(00)}m_{211}^{(21)} + 2m_{011}^{(10)}m_{012}^{(00)}m_{202}^{(11)}\\
&-2m_{011}^{(10)}m_{012}^{(11)}m_{400}^{(22)} + 4m_{011}^{(10)}m_{012}^{(11)}m_{301}^{(20)} - 2m_{011}^{(10)}m_{012}^{(11)}m_{202}^{(00)} + 2m_{011}^{(10)}m_{012}^{(20)}m_{310}^{(21)}\\
&-2m_{011}^{(10)}m_{012}^{(20)}m_{301}^{(11)} - 2m_{011}^{(10)}m_{012}^{(20)}m_{220}^{(20)} + 2m_{011}^{(10)}m_{012}^{(20)}m_{211}^{(10)} + 2m_{011}^{(10)}m_{012}^{(21)}m_{400}^{(21)}\\
&-2m_{011}^{(10)}m_{012}^{(21)}m_{310}^{(20)} - 2m_{011}^{(10)}m_{012}^{(21)}m_{301}^{(10)} + 2m_{011}^{(10)}m_{012}^{(21)}m_{211}^{(00)} + 2m_{011}^{(11)}m_{300}^{(20)}m_{121}^{(22)}\\
&-2m_{011}^{(11)}m_{300}^{(20)}m_{112}^{(21)} - 2m_{011}^{(11)}m_{300}^{(20)}m_{022}^{(20)} + 2m_{011}^{(11)}m_{300}^{(20)}m_{013}^{(10)} - 2m_{011}^{(11)}m_{300}^{(21)}m_{211}^{(22)}\\
&+4m_{011}^{(11)}m_{300}^{(21)}m_{112}^{(20)} - 2m_{011}^{(11)}m_{300}^{(21)}m_{013}^{(00)} + 2m_{011}^{(11)}m_{300}^{(22)}m_{211}^{(21)} - 2m_{011}^{(11)}m_{300}^{(22)}m_{121}^{(20)}\\
&-2m_{011}^{(11)}m_{300}^{(22)}m_{112}^{(10)} + 2m_{011}^{(11)}m_{300}^{(22)}m_{022}^{(00)} - 2m_{011}^{(11)}m_{210}^{(20)}m_{211}^{(22)} + 2m_{011}^{(11)}m_{210}^{(20)}m_{202}^{(21)}\\
&+2m_{011}^{(11)}m_{210}^{(20)}m_{112}^{(20)} - 2m_{011}^{(11)}m_{210}^{(20)}m_{103}^{(10)} + 2m_{011}^{(11)}m_{210}^{(21)}m_{301}^{(22)} - 4m_{011}^{(11)}m_{210}^{(21)}m_{202}^{(20)}\\
&+2m_{011}^{(11)}m_{210}^{(21)}m_{103}^{(00)} - 2m_{011}^{(11)}m_{210}^{(22)}m_{301}^{(21)} + 2m_{011}^{(11)}m_{210}^{(22)}m_{211}^{(20)} + 2m_{011}^{(11)}m_{210}^{(22)}m_{202}^{(10)}\\
&-2m_{011}^{(11)}m_{210}^{(22)}m_{112}^{(00)} - 2m_{011}^{(11)}m_{201}^{(00)}m_{121}^{(22)} + 2m_{011}^{(11)}m_{201}^{(00)}m_{112}^{(21)} + 2m_{011}^{(11)}m_{201}^{(00)}m_{022}^{(20)}\\
&-2m_{011}^{(11)}m_{201}^{(00)}m_{013}^{(10)} + 2m_{011}^{(11)}m_{201}^{(10)}m_{211}^{(22)} - 4m_{011}^{(11)}m_{201}^{(10)}m_{112}^{(20)} + 2m_{011}^{(11)}m_{201}^{(10)}m_{013}^{(00)}\\
&-2m_{011}^{(11)}m_{201}^{(20)}m_{220}^{(22)} + 4m_{011}^{(11)}m_{201}^{(20)}m_{121}^{(20)} - 2m_{011}^{(11)}m_{201}^{(20)}m_{022}^{(00)} + 2m_{011}^{(11)}m_{201}^{(21)}m_{310}^{(22)}\\
&-4m_{011}^{(11)}m_{201}^{(21)}m_{211}^{(20)} + 2m_{011}^{(11)}m_{201}^{(21)}m_{112}^{(00)} - 2m_{011}^{(11)}m_{201}^{(22)}m_{310}^{(21)} + 2m_{011}^{(11)}m_{201}^{(22)}m_{220}^{(20)}\\
&+2m_{011}^{(11)}m_{201}^{(22)}m_{211}^{(10)} - 2m_{011}^{(11)}m_{201}^{(22)}m_{121}^{(00)} + 2m_{011}^{(11)}m_{111}^{(00)}m_{211}^{(22)} - 2m_{011}^{(11)}m_{111}^{(00)}m_{202}^{(21)}\\
&-2m_{011}^{(11)}m_{111}^{(00)}m_{112}^{(20)} + 2m_{011}^{(11)}m_{111}^{(00)}m_{103}^{(10)} - 2m_{011}^{(11)}m_{111}^{(10)}m_{301}^{(22)} + 4m_{011}^{(11)}m_{111}^{(10)}m_{202}^{(20)}\\
&-2m_{011}^{(11)}m_{111}^{(10)}m_{103}^{(00)} + 2m_{011}^{(11)}m_{111}^{(20)}m_{310}^{(22)} - 4m_{011}^{(11)}m_{111}^{(20)}m_{211}^{(20)} + 2m_{011}^{(11)}m_{111}^{(20)}m_{112}^{(00)}\\
&-2m_{011}^{(11)}m_{111}^{(21)}m_{400}^{(22)} + 4m_{011}^{(11)}m_{111}^{(21)}m_{301}^{(20)} - 2m_{011}^{(11)}m_{111}^{(21)}m_{202}^{(00)} + 2m_{011}^{(11)}m_{111}^{(22)}m_{400}^{(21)}\\
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&-2m_{011}^{(11)}m_{102}^{(00)}m_{211}^{(21)} - 2m_{011}^{(11)}m_{102}^{(00)}m_{121}^{(20)} + 2m_{011}^{(11)}m_{102}^{(00)}m_{112}^{(10)} - 2m_{011}^{(11)}m_{102}^{(10)}m_{310}^{(22)}\\
&+4m_{011}^{(11)}m_{102}^{(10)}m_{211}^{(20)} - 2m_{011}^{(11)}m_{102}^{(10)}m_{112}^{(00)} + 2m_{011}^{(11)}m_{102}^{(20)}m_{310}^{(21)} - 2m_{011}^{(11)}m_{102}^{(20)}m_{220}^{(20)}\\
&-2m_{011}^{(11)}m_{102}^{(20)}m_{211}^{(10)} + 2m_{011}^{(11)}m_{102}^{(20)}m_{121}^{(00)} - 2m_{011}^{(11)}m_{012}^{(00)}m_{310}^{(22)} + 2m_{011}^{(11)}m_{012}^{(00)}m_{301}^{(21)}\\
&+2m_{011}^{(11)}m_{012}^{(00)}m_{211}^{(20)} - 2m_{011}^{(11)}m_{012}^{(00)}m_{202}^{(10)} + 2m_{011}^{(11)}m_{012}^{(10)}m_{400}^{(22)} - 4m_{011}^{(11)}m_{012}^{(10)}m_{301}^{(20)}\\
&+2m_{011}^{(11)}m_{012}^{(10)}m_{202}^{(00)} - 2m_{011}^{(11)}m_{012}^{(20)}m_{400}^{(21)} + 2m_{011}^{(11)}m_{012}^{(20)}m_{310}^{(20)} + 2m_{011}^{(11)}m_{012}^{(20)}m_{301}^{(10)}\\
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&+2m_{011}^{(20)}m_{201}^{(10)}m_{031}^{(20)} - 2m_{011}^{(20)}m_{201}^{(10)}m_{022}^{(10)} + 2m_{011}^{(20)}m_{201}^{(11)}m_{220}^{(22)} - 4m_{011}^{(20)}m_{201}^{(11)}m_{121}^{(20)}\\
&+2m_{011}^{(20)}m_{201}^{(11)}m_{022}^{(00)} - 2m_{011}^{(20)}m_{201}^{(21)}m_{220}^{(21)} + 2m_{011}^{(20)}m_{201}^{(21)}m_{130}^{(20)} + 2m_{011}^{(20)}m_{201}^{(21)}m_{121}^{(10)}\\
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&-2m_{011}^{(20)}m_{120}^{(10)}m_{211}^{(22)} + 2m_{011}^{(20)}m_{120}^{(10)}m_{202}^{(21)} + 2m_{011}^{(20)}m_{120}^{(10)}m_{112}^{(20)} - 2m_{011}^{(20)}m_{120}^{(10)}m_{103}^{(10)}\\
&+2m_{011}^{(20)}m_{120}^{(21)}m_{301}^{(21)} - 2m_{011}^{(20)}m_{120}^{(21)}m_{211}^{(20)} - 2m_{011}^{(20)}m_{120}^{(21)}m_{202}^{(10)} + 2m_{011}^{(20)}m_{120}^{(21)}m_{112}^{(00)}\\
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&-4m_{011}^{(20)}m_{111}^{(00)}m_{121}^{(21)} + 2m_{011}^{(20)}m_{111}^{(00)}m_{112}^{(11)} - 2m_{011}^{(20)}m_{111}^{(11)}m_{310}^{(22)} + 4m_{011}^{(20)}m_{111}^{(11)}m_{211}^{(20)}\\
&-2m_{011}^{(20)}m_{111}^{(11)}m_{112}^{(00)} + 4m_{011}^{(20)}m_{111}^{(21)}m_{310}^{(21)} - 4m_{011}^{(20)}m_{111}^{(21)}m_{220}^{(20)} - 4m_{011}^{(20)}m_{111}^{(21)}m_{211}^{(10)}\\
&+4m_{011}^{(20)}m_{111}^{(21)}m_{121}^{(00)} - 2m_{011}^{(20)}m_{111}^{(22)}m_{310}^{(11)} + 4m_{011}^{(20)}m_{111}^{(22)}m_{220}^{(10)} - 2m_{011}^{(20)}m_{111}^{(22)}m_{130}^{(00)}\\
&+2m_{011}^{(20)}m_{102}^{(10)}m_{220}^{(21)} - 2m_{011}^{(20)}m_{102}^{(10)}m_{211}^{(11)} - 2m_{011}^{(20)}m_{102}^{(10)}m_{130}^{(20)} + 2m_{011}^{(20)}m_{102}^{(10)}m_{121}^{(10)}\\
&-2m_{011}^{(20)}m_{102}^{(11)}m_{310}^{(21)} + 2m_{011}^{(20)}m_{102}^{(11)}m_{220}^{(20)} + 2m_{011}^{(20)}m_{102}^{(11)}m_{211}^{(10)} - 2m_{011}^{(20)}m_{102}^{(11)}m_{121}^{(00)}\\
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&+4m_{011}^{(20)}m_{021}^{(00)}m_{211}^{(21)} - 2m_{011}^{(20)}m_{021}^{(00)}m_{202}^{(11)} + 2m_{011}^{(20)}m_{021}^{(10)}m_{310}^{(22)} - 2m_{011}^{(20)}m_{021}^{(10)}m_{301}^{(21)}\\
&-2m_{011}^{(20)}m_{021}^{(10)}m_{211}^{(20)} + 2m_{011}^{(20)}m_{021}^{(10)}m_{202}^{(10)} - 2m_{011}^{(20)}m_{021}^{(21)}m_{400}^{(21)} + 2m_{011}^{(20)}m_{021}^{(21)}m_{310}^{(20)}\\
&+2m_{011}^{(20)}m_{021}^{(21)}m_{301}^{(10)} - 2m_{011}^{(20)}m_{021}^{(21)}m_{211}^{(00)} + 2m_{011}^{(20)}m_{021}^{(22)}m_{400}^{(11)} - 4m_{011}^{(20)}m_{021}^{(22)}m_{310}^{(10)}\\
&+2m_{011}^{(20)}m_{021}^{(22)}m_{220}^{(00)} - 2m_{011}^{(20)}m_{012}^{(10)}m_{310}^{(21)} + 2m_{011}^{(20)}m_{012}^{(10)}m_{301}^{(11)} + 2m_{011}^{(20)}m_{012}^{(10)}m_{220}^{(20)}\\
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&+2m_{011}^{(20)}m_{012}^{(11)}m_{211}^{(00)} - 2m_{011}^{(20)}m_{012}^{(21)}m_{400}^{(11)} + 4m_{011}^{(20)}m_{012}^{(21)}m_{310}^{(10)} - 2m_{011}^{(20)}m_{012}^{(21)}m_{220}^{(00)}\\
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&+2m_{011}^{(21)}m_{300}^{(11)}m_{211}^{(22)} - 4m_{011}^{(21)}m_{300}^{(11)}m_{112}^{(20)} + 2m_{011}^{(21)}m_{300}^{(11)}m_{013}^{(00)} - 2m_{011}^{(21)}m_{300}^{(20)}m_{121}^{(21)}\\
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&+4m_{011}^{(21)}m_{300}^{(22)}m_{121}^{(10)} - 2m_{011}^{(21)}m_{300}^{(22)}m_{031}^{(00)} + 2m_{011}^{(21)}m_{210}^{(00)}m_{121}^{(22)} - 2m_{011}^{(21)}m_{210}^{(00)}m_{112}^{(21)}\\
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&+2m_{011}^{(21)}m_{210}^{(10)}m_{103}^{(10)} - 2m_{011}^{(21)}m_{210}^{(10)}m_{013}^{(00)} - 2m_{011}^{(21)}m_{210}^{(11)}m_{301}^{(22)} + 4m_{011}^{(21)}m_{210}^{(11)}m_{202}^{(20)}\\
&-2m_{011}^{(21)}m_{210}^{(11)}m_{103}^{(00)} + 4m_{011}^{(21)}m_{210}^{(20)}m_{211}^{(21)} - 2m_{011}^{(21)}m_{210}^{(20)}m_{202}^{(11)} - 4m_{011}^{(21)}m_{210}^{(20)}m_{121}^{(20)}\\
&+2m_{011}^{(21)}m_{210}^{(20)}m_{022}^{(00)} + 2m_{011}^{(21)}m_{210}^{(22)}m_{301}^{(11)} - 4m_{011}^{(21)}m_{210}^{(22)}m_{211}^{(10)} + 2m_{011}^{(21)}m_{210}^{(22)}m_{121}^{(00)}\\
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&+2m_{011}^{(21)}m_{120}^{(00)}m_{112}^{(20)} - 2m_{011}^{(21)}m_{120}^{(00)}m_{103}^{(10)} + 2m_{011}^{(21)}m_{120}^{(10)}m_{301}^{(22)} - 4m_{011}^{(21)}m_{120}^{(10)}m_{202}^{(20)}\\
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&-4m_{011}^{(21)}m_{111}^{(20)}m_{310}^{(21)} + 4m_{011}^{(21)}m_{111}^{(20)}m_{220}^{(20)} + 4m_{011}^{(21)}m_{111}^{(20)}m_{211}^{(10)} - 4m_{011}^{(21)}m_{111}^{(20)}m_{121}^{(00)}\\
&-2m_{011}^{(21)}m_{111}^{(22)}m_{400}^{(11)} + 4m_{011}^{(21)}m_{111}^{(22)}m_{310}^{(10)} - 2m_{011}^{(21)}m_{111}^{(22)}m_{220}^{(00)} - 2m_{011}^{(21)}m_{102}^{(00)}m_{220}^{(21)}\\
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&-2m_{011}^{(21)}m_{021}^{(00)}m_{211}^{(20)} + 2m_{011}^{(21)}m_{021}^{(00)}m_{202}^{(10)} - 2m_{011}^{(21)}m_{021}^{(10)}m_{400}^{(22)} + 4m_{011}^{(21)}m_{021}^{(10)}m_{301}^{(20)}\\
&-2m_{011}^{(21)}m_{021}^{(10)}m_{202}^{(00)} + 2m_{011}^{(21)}m_{021}^{(20)}m_{400}^{(21)} - 2m_{011}^{(21)}m_{021}^{(20)}m_{310}^{(20)} - 2m_{011}^{(21)}m_{021}^{(20)}m_{301}^{(10)}\\
&+2m_{011}^{(21)}m_{021}^{(20)}m_{211}^{(00)} + 2m_{011}^{(21)}m_{012}^{(00)}m_{310}^{(21)} - 2m_{011}^{(21)}m_{012}^{(00)}m_{301}^{(11)} - 2m_{011}^{(21)}m_{012}^{(00)}m_{220}^{(20)}
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&+2m_{011}^{(21)}m_{012}^{(00)}m_{211}^{(10)} - 2m_{011}^{(21)}m_{012}^{(10)}m_{400}^{(21)} + 2m_{011}^{(21)}m_{012}^{(10)}m_{310}^{(20)} + 2m_{011}^{(21)}m_{012}^{(10)}m_{301}^{(10)}\\
&-2m_{011}^{(21)}m_{012}^{(10)}m_{211}^{(00)} + 2m_{011}^{(21)}m_{012}^{(20)}m_{400}^{(11)} - 4m_{011}^{(21)}m_{012}^{(20)}m_{310}^{(10)} + 2m_{011}^{(21)}m_{012}^{(20)}m_{220}^{(00)}\\
&+2m_{011}^{(22)}m_{300}^{(10)}m_{121}^{(21)} - 2m_{011}^{(22)}m_{300}^{(10)}m_{112}^{(11)} - 2m_{011}^{(22)}m_{300}^{(10)}m_{031}^{(20)} + 2m_{011}^{(22)}m_{300}^{(10)}m_{022}^{(10)}\\
&-2m_{011}^{(22)}m_{300}^{(11)}m_{211}^{(21)} + 2m_{011}^{(22)}m_{300}^{(11)}m_{121}^{(20)} + 2m_{011}^{(22)}m_{300}^{(11)}m_{112}^{(10)} - 2m_{011}^{(22)}m_{300}^{(11)}m_{022}^{(00)}\\
&+2m_{011}^{(22)}m_{300}^{(21)}m_{211}^{(11)} - 4m_{011}^{(22)}m_{300}^{(21)}m_{121}^{(10)} + 2m_{011}^{(22)}m_{300}^{(21)}m_{031}^{(00)} - 2m_{011}^{(22)}m_{210}^{(00)}m_{121}^{(21)}\\
&+2m_{011}^{(22)}m_{210}^{(00)}m_{112}^{(11)} + 2m_{011}^{(22)}m_{210}^{(00)}m_{031}^{(20)} - 2m_{011}^{(22)}m_{210}^{(00)}m_{022}^{(10)} + 2m_{011}^{(22)}m_{210}^{(10)}m_{202}^{(11)}\\
&-4m_{011}^{(22)}m_{210}^{(10)}m_{112}^{(10)} + 2m_{011}^{(22)}m_{210}^{(10)}m_{022}^{(00)} + 2m_{011}^{(22)}m_{210}^{(11)}m_{301}^{(21)} - 2m_{011}^{(22)}m_{210}^{(11)}m_{211}^{(20)}\\
&-2m_{011}^{(22)}m_{210}^{(11)}m_{202}^{(10)} + 2m_{011}^{(22)}m_{210}^{(11)}m_{112}^{(00)} - 2m_{011}^{(22)}m_{210}^{(20)}m_{211}^{(11)} + 4m_{011}^{(22)}m_{210}^{(20)}m_{121}^{(10)}\\
&-2m_{011}^{(22)}m_{210}^{(20)}m_{031}^{(00)} - 2m_{011}^{(22)}m_{210}^{(21)}m_{301}^{(11)} + 4m_{011}^{(22)}m_{210}^{(21)}m_{211}^{(10)} - 2m_{011}^{(22)}m_{210}^{(21)}m_{121}^{(00)}\\
&-2m_{011}^{(22)}m_{201}^{(10)}m_{220}^{(21)} + 2m_{011}^{(22)}m_{201}^{(10)}m_{211}^{(11)} + 2m_{011}^{(22)}m_{201}^{(10)}m_{130}^{(20)} - 2m_{011}^{(22)}m_{201}^{(10)}m_{121}^{(10)}\\
&+2m_{011}^{(22)}m_{201}^{(11)}m_{310}^{(21)} - 2m_{011}^{(22)}m_{201}^{(11)}m_{220}^{(20)} - 2m_{011}^{(22)}m_{201}^{(11)}m_{211}^{(10)} + 2m_{011}^{(22)}m_{201}^{(11)}m_{121}^{(00)}\\
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&-4m_{011}^{(22)}m_{120}^{(20)}m_{211}^{(10)} + 2m_{011}^{(22)}m_{120}^{(20)}m_{121}^{(00)} + 2m_{011}^{(22)}m_{111}^{(00)}m_{220}^{(21)} - 2m_{011}^{(22)}m_{111}^{(00)}m_{211}^{(11)}\\
&-2m_{011}^{(22)}m_{111}^{(00)}m_{130}^{(20)} + 2m_{011}^{(22)}m_{111}^{(00)}m_{121}^{(10)} - 2m_{011}^{(22)}m_{111}^{(10)}m_{301}^{(11)} + 4m_{011}^{(22)}m_{111}^{(10)}m_{211}^{(10)}\\
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&+2m_{011}^{(22)}m_{111}^{(21)}m_{400}^{(11)} - 4m_{011}^{(22)}m_{111}^{(21)}m_{310}^{(10)} + 2m_{011}^{(22)}m_{111}^{(21)}m_{220}^{(00)} - 2m_{011}^{(22)}m_{021}^{(00)}m_{310}^{(21)}\\
&+2m_{011}^{(22)}m_{021}^{(00)}m_{301}^{(11)} + 2m_{011}^{(22)}m_{021}^{(00)}m_{220}^{(20)} - 2m_{011}^{(22)}m_{021}^{(00)}m_{211}^{(10)} + 2m_{011}^{(22)}m_{021}^{(10)}m_{400}^{(21)}\\
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&+2m_{002}^{(00)}m_{120}^{(20)}m_{130}^{(22)} - 4m_{002}^{(00)}m_{120}^{(20)}m_{121}^{(21)} + 2m_{002}^{(00)}m_{120}^{(20)}m_{112}^{(11)} - 2m_{002}^{(00)}m_{120}^{(21)}m_{220}^{(22)}\\
&+2m_{002}^{(00)}m_{120}^{(21)}m_{211}^{(21)} + 2m_{002}^{(00)}m_{120}^{(21)}m_{121}^{(20)} - 2m_{002}^{(00)}m_{120}^{(21)}m_{112}^{(10)} + 2m_{002}^{(00)}m_{120}^{(22)}m_{220}^{(21)}\\
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&+4m_{002}^{(00)}m_{111}^{(10)}m_{121}^{(21)} - 2m_{002}^{(00)}m_{111}^{(10)}m_{112}^{(11)} + 2m_{002}^{(00)}m_{111}^{(11)}m_{220}^{(22)} - 2m_{002}^{(00)}m_{111}^{(11)}m_{211}^{(21)}\\
&-2m_{002}^{(00)}m_{111}^{(11)}m_{121}^{(20)} + 2m_{002}^{(00)}m_{111}^{(11)}m_{112}^{(10)} - 2m_{002}^{(00)}m_{111}^{(21)}m_{220}^{(21)} + 2m_{002}^{(00)}m_{111}^{(21)}m_{211}^{(11)}\\
&+2m_{002}^{(00)}m_{111}^{(21)}m_{130}^{(20)} - 2m_{002}^{(00)}m_{111}^{(21)}m_{121}^{(10)} - m_{002}^{(00)}m_{030}^{(20)}m_{220}^{(22)} + 2m_{002}^{(00)}m_{030}^{(20)}m_{211}^{(21)}\\
&-m_{002}^{(00)}m_{030}^{(20)}m_{202}^{(11)} + m_{002}^{(00)}m_{030}^{(21)}m_{310}^{(22)} - m_{002}^{(00)}m_{030}^{(21)}m_{301}^{(21)} - m_{002}^{(00)}m_{030}^{(21)}m_{211}^{(20)}\\
&+m_{002}^{(00)}m_{030}^{(21)}m_{202}^{(10)} - m_{002}^{(00)}m_{030}^{(22)}m_{310}^{(21)} + m_{002}^{(00)}m_{030}^{(22)}m_{301}^{(11)} + m_{002}^{(00)}m_{030}^{(22)}m_{220}^{(20)}\\
&-m_{002}^{(00)}m_{030}^{(22)}m_{211}^{(10)} + m_{002}^{(00)}m_{021}^{(10)}m_{220}^{(22)} - 2m_{002}^{(00)}m_{021}^{(10)}m_{211}^{(21)} + m_{002}^{(00)}m_{021}^{(10)}m_{202}^{(11)}\\
&-m_{002}^{(00)}m_{021}^{(11)}m_{310}^{(22)} + m_{002}^{(00)}m_{021}^{(11)}m_{301}^{(21)} + m_{002}^{(00)}m_{021}^{(11)}m_{211}^{(20)} - m_{002}^{(00)}m_{021}^{(11)}m_{202}^{(10)}\\
&+m_{002}^{(00)}m_{021}^{(21)}m_{310}^{(21)} - m_{002}^{(00)}m_{021}^{(21)}m_{301}^{(11)} - m_{002}^{(00)}m_{021}^{(21)}m_{220}^{(20)} + m_{002}^{(00)}m_{021}^{(21)}m_{211}^{(10)}
\end{aligned}
$$

$$+m_{002}^{(10)}m_{300}^{(20)}m_{040}^{(22)} - 2m_{002}^{(10)}m_{300}^{(20)}m_{031}^{(21)} + m_{002}^{(10)}m_{300}^{(20)}m_{022}^{(11)} - m_{002}^{(10)}m_{300}^{(21)}m_{130}^{(22)}$$
$$+m_{002}^{(10)}m_{300}^{(21)}m_{121}^{(21)} + m_{002}^{(10)}m_{300}^{(21)}m_{031}^{(20)} - m_{002}^{(10)}m_{300}^{(21)}m_{022}^{(10)} + m_{002}^{(10)}m_{300}^{(22)}m_{130}^{(21)}$$
$$-m_{002}^{(10)}m_{300}^{(22)}m_{121}^{(11)} - m_{002}^{(10)}m_{300}^{(22)}m_{040}^{(20)} + m_{002}^{(10)}m_{300}^{(22)}m_{031}^{(10)} - m_{002}^{(10)}m_{210}^{(20)}m_{130}^{(22)}$$
$$+3m_{002}^{(10)}m_{210}^{(20)}m_{121}^{(21)} - 2m_{002}^{(10)}m_{210}^{(20)}m_{112}^{(11)} - m_{002}^{(10)}m_{210}^{(20)}m_{031}^{(20)} + m_{002}^{(10)}m_{210}^{(20)}m_{022}^{(10)}$$
$$+m_{002}^{(10)}m_{210}^{(21)}m_{220}^{(22)} - 2m_{002}^{(10)}m_{210}^{(21)}m_{211}^{(21)} + 2m_{002}^{(10)}m_{210}^{(21)}m_{112}^{(10)} - m_{002}^{(10)}m_{210}^{(21)}m_{022}^{(00)}$$
$$-m_{002}^{(10)}m_{210}^{(22)}m_{220}^{(21)} + 2m_{002}^{(10)}m_{210}^{(22)}m_{211}^{(11)} + m_{002}^{(10)}m_{210}^{(22)}m_{130}^{(20)} - 3m_{002}^{(10)}m_{210}^{(22)}m_{121}^{(10)}$$
$$+m_{002}^{(10)}m_{210}^{(22)}m_{031}^{(00)} - m_{002}^{(10)}m_{201}^{(00)}m_{040}^{(22)} + 2m_{002}^{(10)}m_{201}^{(00)}m_{031}^{(21)} - m_{002}^{(10)}m_{201}^{(00)}m_{022}^{(11)}$$
$$+m_{002}^{(10)}m_{201}^{(11)}m_{220}^{(22)} - 2m_{002}^{(10)}m_{201}^{(11)}m_{121}^{(20)} + m_{002}^{(10)}m_{201}^{(11)}m_{022}^{(00)} - m_{002}^{(10)}m_{201}^{(20)}m_{130}^{(21)}$$
$$+m_{002}^{(10)}m_{201}^{(20)}m_{121}^{(11)} + m_{002}^{(10)}m_{201}^{(20)}m_{040}^{(20)} - m_{002}^{(10)}m_{201}^{(20)}m_{031}^{(10)} - m_{002}^{(10)}m_{201}^{(21)}m_{220}^{(21)}$$
$$+m_{002}^{(10)}m_{201}^{(21)}m_{130}^{(20)} + m_{002}^{(10)}m_{201}^{(21)}m_{121}^{(10)} - m_{002}^{(10)}m_{201}^{(21)}m_{031}^{(00)} - m_{002}^{(10)}m_{120}^{(20)}m_{220}^{(22)}$$
$$+m_{002}^{(10)}m_{120}^{(20)}m_{202}^{(11)} + 2m_{002}^{(10)}m_{120}^{(20)}m_{121}^{(20)} - 2m_{002}^{(10)}m_{120}^{(20)}m_{112}^{(10)} + m_{002}^{(10)}m_{120}^{(21)}m_{310}^{(22)}$$
$$+m_{002}^{(10)}m_{120}^{(21)}m_{301}^{(21)} - 3m_{002}^{(10)}m_{120}^{(21)}m_{211}^{(20)} - m_{002}^{(10)}m_{120}^{(21)}m_{202}^{(10)} + 2m_{002}^{(10)}m_{120}^{(21)}m_{112}^{(00)}$$
$$-m_{002}^{(10)}m_{120}^{(22)}m_{310}^{(21)} - m_{002}^{(10)}m_{120}^{(22)}m_{301}^{(11)} + m_{002}^{(10)}m_{120}^{(22)}m_{220}^{(20)} + 3m_{002}^{(10)}m_{120}^{(22)}m_{211}^{(10)}$$
$$-2m_{002}^{(10)}m_{120}^{(22)}m_{121}^{(00)} + 2m_{002}^{(10)}m_{111}^{(00)}m_{130}^{(22)} - 4m_{002}^{(10)}m_{111}^{(00)}m_{121}^{(21)} + 2m_{002}^{(10)}m_{111}^{(00)}m_{112}^{(11)}$$
$$-2m_{002}^{(10)}m_{111}^{(11)}m_{310}^{(22)} + 4m_{002}^{(10)}m_{111}^{(11)}m_{211}^{(20)} - 2m_{002}^{(10)}m_{111}^{(11)}m_{112}^{(00)} + 2m_{002}^{(10)}m_{111}^{(20)}m_{220}^{(21)}$$
$$-2m_{002}^{(10)}m_{111}^{(20)}m_{211}^{(11)} - 2m_{002}^{(10)}m_{111}^{(20)}m_{130}^{(20)} + 2m_{002}^{(10)}m_{111}^{(20)}m_{121}^{(10)} + 2m_{002}^{(10)}m_{111}^{(21)}m_{310}^{(21)}$$
$$-2m_{002}^{(10)}m_{111}^{(21)}m_{220}^{(20)} - 2m_{002}^{(10)}m_{111}^{(21)}m_{211}^{(10)} + 2m_{002}^{(10)}m_{111}^{(21)}m_{121}^{(00)} + m_{002}^{(10)}m_{030}^{(20)}m_{310}^{(22)}$$
$$-m_{002}^{(10)}m_{030}^{(20)}m_{301}^{(21)} - m_{002}^{(10)}m_{030}^{(20)}m_{211}^{(20)} + m_{002}^{(10)}m_{030}^{(20)}m_{202}^{(10)} - m_{002}^{(10)}m_{030}^{(21)}m_{400}^{(22)}$$
$$+2m_{002}^{(10)}m_{030}^{(21)}m_{301}^{(20)} - m_{002}^{(10)}m_{030}^{(21)}m_{202}^{(00)} + m_{002}^{(10)}m_{030}^{(22)}m_{400}^{(21)} - m_{002}^{(10)}m_{030}^{(22)}m_{310}^{(20)}$$
$$-m_{002}^{(10)}m_{030}^{(22)}m_{301}^{(10)} + m_{002}^{(10)}m_{030}^{(22)}m_{211}^{(00)} - m_{002}^{(10)}m_{021}^{(00)}m_{220}^{(22)} + 2m_{002}^{(10)}m_{021}^{(00)}m_{211}^{(21)}$$
$$-m_{002}^{(10)}m_{021}^{(00)}m_{202}^{(11)} + m_{002}^{(10)}m_{021}^{(11)}m_{400}^{(22)} - 2m_{002}^{(10)}m_{021}^{(11)}m_{301}^{(20)} + m_{002}^{(10)}m_{021}^{(11)}m_{202}^{(00)}$$
$$-m_{002}^{(10)}m_{021}^{(20)}m_{310}^{(21)} + m_{002}^{(10)}m_{021}^{(20)}m_{301}^{(11)} + m_{002}^{(10)}m_{021}^{(20)}m_{220}^{(20)} - m_{002}^{(10)}m_{021}^{(20)}m_{211}^{(10)}$$
$$-m_{002}^{(10)}m_{021}^{(21)}m_{400}^{(21)} + m_{002}^{(10)}m_{021}^{(21)}m_{310}^{(20)} + m_{002}^{(10)}m_{021}^{(21)}m_{301}^{(10)} - m_{002}^{(10)}m_{021}^{(21)}m_{211}^{(00)}$$
$$-m_{002}^{(11)}m_{300}^{(20)}m_{130}^{(22)} + m_{002}^{(11)}m_{300}^{(20)}m_{121}^{(21)} + m_{002}^{(11)}m_{300}^{(20)}m_{031}^{(20)} - m_{002}^{(11)}m_{300}^{(20)}m_{022}^{(10)}$$
$$+m_{002}^{(11)}m_{300}^{(21)}m_{220}^{(22)} - 2m_{002}^{(11)}m_{300}^{(21)}m_{121}^{(20)} + m_{002}^{(11)}m_{300}^{(21)}m_{022}^{(00)} - m_{002}^{(11)}m_{300}^{(22)}m_{220}^{(21)}$$
$$+m_{002}^{(11)}m_{300}^{(22)}m_{130}^{(20)} + m_{002}^{(11)}m_{300}^{(22)}m_{121}^{(10)} - m_{002}^{(11)}m_{300}^{(22)}m_{031}^{(00)} + 2m_{002}^{(11)}m_{210}^{(20)}m_{220}^{(22)}$$
$$-2m_{002}^{(11)}m_{210}^{(20)}m_{211}^{(21)} - 2m_{002}^{(11)}m_{210}^{(20)}m_{121}^{(20)} + 2m_{002}^{(11)}m_{210}^{(20)}m_{112}^{(10)} - 2m_{002}^{(11)}m_{210}^{(21)}m_{310}^{(22)}$$
$$+4m_{002}^{(11)}m_{210}^{(21)}m_{211}^{(20)} - 2m_{002}^{(11)}m_{210}^{(21)}m_{112}^{(00)} + 2m_{002}^{(11)}m_{210}^{(22)}m_{310}^{(21)} - 2m_{002}^{(11)}m_{210}^{(22)}m_{220}^{(20)}$$
$$-2m_{002}^{(11)}m_{210}^{(22)}m_{211}^{(10)} + 2m_{002}^{(11)}m_{210}^{(22)}m_{121}^{(00)} + m_{002}^{(11)}m_{201}^{(00)}m_{130}^{(22)} - m_{002}^{(11)}m_{201}^{(00)}m_{121}^{(21)}$$
$$-m_{002}^{(11)}m_{201}^{(00)}m_{031}^{(20)} + m_{002}^{(11)}m_{201}^{(00)}m_{022}^{(10)} - m_{002}^{(11)}m_{201}^{(10)}m_{220}^{(22)} + 2m_{002}^{(11)}m_{201}^{(10)}m_{121}^{(20)}$$
$$-m_{002}^{(11)}m_{201}^{(10)}m_{022}^{(00)} + m_{002}^{(11)}m_{201}^{(20)}m_{220}^{(21)} - m_{002}^{(11)}m_{201}^{(20)}m_{130}^{(20)} - m_{002}^{(11)}m_{201}^{(20)}m_{121}^{(10)}$$
$$+m_{002}^{(11)}m_{201}^{(20)}m_{031}^{(00)} - m_{002}^{(11)}m_{120}^{(20)}m_{310}^{(22)} + m_{002}^{(11)}m_{120}^{(20)}m_{301}^{(21)} + m_{002}^{(11)}m_{120}^{(20)}m_{211}^{(20)}$$
$$-m_{002}^{(11)}m_{120}^{(20)}m_{202}^{(10)} + m_{002}^{(11)}m_{120}^{(21)}m_{400}^{(22)} - 2m_{002}^{(11)}m_{120}^{(21)}m_{301}^{(20)} + m_{002}^{(11)}m_{120}^{(21)}m_{202}^{(00)}$$
$$-m_{002}^{(11)}m_{120}^{(22)}m_{400}^{(21)} + m_{002}^{(11)}m_{120}^{(22)}m_{310}^{(20)} + m_{002}^{(11)}m_{120}^{(22)}m_{301}^{(10)} - m_{002}^{(11)}m_{120}^{(22)}m_{211}^{(00)}$$
$$-2m_{002}^{(11)}m_{111}^{(00)}m_{220}^{(22)} + 2m_{002}^{(11)}m_{111}^{(00)}m_{211}^{(21)} + 2m_{002}^{(11)}m_{111}^{(00)}m_{121}^{(20)} - 2m_{002}^{(11)}m_{111}^{(00)}m_{112}^{(10)}$$
$$+2m_{002}^{(11)}m_{111}^{(10)}m_{310}^{(22)} - 4m_{002}^{(11)}m_{111}^{(10)}m_{211}^{(20)} + 2m_{002}^{(11)}m_{111}^{(10)}m_{112}^{(00)} - 2m_{002}^{(11)}m_{111}^{(20)}m_{310}^{(21)}$$
$$+2m_{002}^{(11)}m_{111}^{(20)}m_{220}^{(20)} + 2m_{002}^{(11)}m_{111}^{(20)}m_{211}^{(10)} - 2m_{002}^{(11)}m_{111}^{(20)}m_{121}^{(00)} + m_{002}^{(11)}m_{021}^{(00)}m_{310}^{(22)}$$
$$-m_{002}^{(11)}m_{021}^{(00)}m_{301}^{(21)} - m_{002}^{(11)}m_{021}^{(00)}m_{211}^{(20)} + m_{002}^{(11)}m_{021}^{(00)}m_{202}^{(10)} - m_{002}^{(11)}m_{021}^{(10)}m_{400}^{(22)}$$

$$
\begin{aligned}
&+2m_{002}^{(11)}m_{021}^{(10)}m_{301}^{(20)} - m_{002}^{(11)}m_{021}^{(10)}m_{202}^{(00)} + m_{002}^{(11)}m_{021}^{(20)}m_{400}^{(21)} - m_{002}^{(11)}m_{021}^{(20)}m_{310}^{(20)}\\
&-m_{002}^{(11)}m_{021}^{(20)}m_{301}^{(10)} + m_{002}^{(11)}m_{021}^{(20)}m_{211}^{(00)} - m_{002}^{(20)}m_{300}^{(10)}m_{040}^{(22)} + 2m_{002}^{(20)}m_{300}^{(10)}m_{031}^{(21)}\\
&-m_{002}^{(20)}m_{300}^{(10)}m_{022}^{(11)} + m_{002}^{(20)}m_{300}^{(11)}m_{130}^{(22)} - m_{002}^{(20)}m_{300}^{(11)}m_{121}^{(21)} - m_{002}^{(20)}m_{300}^{(11)}m_{031}^{(20)}\\
&+m_{002}^{(20)}m_{300}^{(11)}m_{022}^{(10)} - m_{002}^{(20)}m_{300}^{(21)}m_{130}^{(21)} + m_{002}^{(20)}m_{300}^{(21)}m_{121}^{(11)} + m_{002}^{(20)}m_{300}^{(21)}m_{040}^{(20)}\\
&-m_{002}^{(20)}m_{300}^{(21)}m_{031}^{(10)} + m_{002}^{(20)}m_{210}^{(00)}m_{040}^{(22)} - 2m_{002}^{(20)}m_{210}^{(00)}m_{031}^{(21)} + m_{002}^{(20)}m_{210}^{(00)}m_{022}^{(11)}\\
&+m_{002}^{(20)}m_{210}^{(10)}m_{130}^{(22)} - 3m_{002}^{(20)}m_{210}^{(10)}m_{121}^{(21)} + 2m_{002}^{(20)}m_{210}^{(10)}m_{112}^{(11)} + m_{002}^{(20)}m_{210}^{(10)}m_{031}^{(20)}\\
&-m_{002}^{(20)}m_{210}^{(10)}m_{022}^{(10)} - 2m_{002}^{(20)}m_{210}^{(11)}m_{220}^{(22)} + 2m_{002}^{(20)}m_{210}^{(11)}m_{211}^{(21)} + 2m_{002}^{(20)}m_{210}^{(11)}m_{121}^{(20)}\\
&-2m_{002}^{(20)}m_{210}^{(11)}m_{112}^{(10)} + 3m_{002}^{(20)}m_{210}^{(21)}m_{220}^{(21)} - 2m_{002}^{(20)}m_{210}^{(21)}m_{211}^{(11)} - 3m_{002}^{(20)}m_{210}^{(21)}m_{130}^{(20)}\\
&+m_{002}^{(20)}m_{210}^{(21)}m_{121}^{(10)} + m_{002}^{(20)}m_{210}^{(21)}m_{031}^{(00)} - m_{002}^{(20)}m_{210}^{(22)}m_{220}^{(11)} + 2m_{002}^{(20)}m_{210}^{(22)}m_{130}^{(10)}\\
&-m_{002}^{(20)}m_{210}^{(22)}m_{040}^{(00)} + m_{002}^{(20)}m_{201}^{(10)}m_{130}^{(21)} - m_{002}^{(20)}m_{201}^{(10)}m_{121}^{(11)} - m_{002}^{(20)}m_{201}^{(10)}m_{040}^{(20)}\\
&+m_{002}^{(20)}m_{201}^{(10)}m_{031}^{(10)} - m_{002}^{(20)}m_{201}^{(11)}m_{220}^{(21)} + m_{002}^{(20)}m_{201}^{(11)}m_{130}^{(20)} + m_{002}^{(20)}m_{201}^{(11)}m_{121}^{(10)}\\
&-m_{002}^{(20)}m_{201}^{(11)}m_{031}^{(00)} + m_{002}^{(20)}m_{201}^{(21)}m_{220}^{(11)} - 2m_{002}^{(20)}m_{201}^{(21)}m_{130}^{(10)} + m_{002}^{(20)}m_{201}^{(21)}m_{040}^{(00)}\\
&-2m_{002}^{(20)}m_{120}^{(00)}m_{130}^{(22)} + 4m_{002}^{(20)}m_{120}^{(00)}m_{121}^{(21)} - 2m_{002}^{(20)}m_{120}^{(00)}m_{112}^{(11)} + m_{002}^{(20)}m_{120}^{(10)}m_{220}^{(22)}\\
&-m_{002}^{(20)}m_{120}^{(10)}m_{202}^{(11)} - 2m_{002}^{(20)}m_{120}^{(10)}m_{121}^{(20)} + 2m_{002}^{(20)}m_{120}^{(10)}m_{112}^{(10)} + m_{002}^{(20)}m_{120}^{(11)}m_{310}^{(22)}\\
&-m_{002}^{(20)}m_{120}^{(11)}m_{301}^{(21)} - m_{002}^{(20)}m_{120}^{(11)}m_{211}^{(20)} + m_{002}^{(20)}m_{120}^{(11)}m_{202}^{(10)} - 3m_{002}^{(20)}m_{120}^{(21)}m_{310}^{(21)}\\
&+m_{002}^{(20)}m_{120}^{(21)}m_{301}^{(11)} + 3m_{002}^{(20)}m_{120}^{(21)}m_{220}^{(20)} + m_{002}^{(20)}m_{120}^{(21)}m_{211}^{(10)} - 2m_{002}^{(20)}m_{120}^{(21)}m_{121}^{(00)}\\
&+2m_{002}^{(20)}m_{120}^{(22)}m_{310}^{(11)} - 4m_{002}^{(20)}m_{120}^{(22)}m_{220}^{(10)} + 2m_{002}^{(20)}m_{120}^{(22)}m_{130}^{(00)} - 2m_{002}^{(20)}m_{111}^{(10)}m_{220}^{(21)}\\
&+2m_{002}^{(20)}m_{111}^{(10)}m_{211}^{(11)} + 2m_{002}^{(20)}m_{111}^{(10)}m_{130}^{(20)} - 2m_{002}^{(20)}m_{111}^{(10)}m_{121}^{(10)} + 2m_{002}^{(20)}m_{111}^{(11)}m_{310}^{(21)}\\
&-2m_{002}^{(20)}m_{111}^{(11)}m_{220}^{(20)} - 2m_{002}^{(20)}m_{111}^{(11)}m_{211}^{(10)} + 2m_{002}^{(20)}m_{111}^{(11)}m_{121}^{(00)} - 2m_{002}^{(20)}m_{111}^{(21)}m_{310}^{(11)}\\
&+4m_{002}^{(20)}m_{111}^{(21)}m_{220}^{(10)} - 2m_{002}^{(20)}m_{111}^{(21)}m_{130}^{(00)} + m_{002}^{(20)}m_{030}^{(00)}m_{220}^{(22)} - 2m_{002}^{(20)}m_{030}^{(00)}m_{211}^{(21)}\\
&+m_{002}^{(20)}m_{030}^{(00)}m_{202}^{(11)} - m_{002}^{(20)}m_{030}^{(10)}m_{310}^{(22)} + m_{002}^{(20)}m_{030}^{(10)}m_{301}^{(21)} + m_{002}^{(20)}m_{030}^{(10)}m_{211}^{(20)}\\
&-m_{002}^{(20)}m_{030}^{(10)}m_{202}^{(10)} + m_{002}^{(20)}m_{030}^{(21)}m_{400}^{(21)} - m_{002}^{(20)}m_{030}^{(21)}m_{310}^{(20)} - m_{002}^{(20)}m_{030}^{(21)}m_{301}^{(10)}\\
&+m_{002}^{(20)}m_{030}^{(21)}m_{211}^{(00)} - m_{002}^{(20)}m_{030}^{(22)}m_{400}^{(11)} + 2m_{002}^{(20)}m_{030}^{(22)}m_{310}^{(10)} - m_{002}^{(20)}m_{030}^{(22)}m_{220}^{(00)}\\
&+m_{002}^{(20)}m_{021}^{(10)}m_{310}^{(21)} - m_{002}^{(20)}m_{021}^{(10)}m_{301}^{(11)} - m_{002}^{(20)}m_{021}^{(10)}m_{220}^{(20)} + m_{002}^{(20)}m_{021}^{(10)}m_{211}^{(10)}\\
&-m_{002}^{(20)}m_{021}^{(11)}m_{400}^{(21)} + m_{002}^{(20)}m_{021}^{(11)}m_{310}^{(20)} + m_{002}^{(20)}m_{021}^{(11)}m_{301}^{(10)} - m_{002}^{(20)}m_{021}^{(11)}m_{211}^{(00)}\\
&+m_{002}^{(20)}m_{021}^{(21)}m_{400}^{(11)} - 2m_{002}^{(20)}m_{021}^{(21)}m_{310}^{(10)} + m_{002}^{(20)}m_{021}^{(21)}m_{220}^{(00)} + m_{002}^{(21)}m_{300}^{(10)}m_{130}^{(22)}\\
&-m_{002}^{(21)}m_{300}^{(10)}m_{121}^{(21)} - m_{002}^{(21)}m_{300}^{(10)}m_{031}^{(20)} + m_{002}^{(21)}m_{300}^{(10)}m_{022}^{(10)} - m_{002}^{(21)}m_{300}^{(11)}m_{220}^{(22)}\\
&+2m_{002}^{(21)}m_{300}^{(11)}m_{121}^{(20)} - m_{002}^{(21)}m_{300}^{(11)}m_{022}^{(00)} + m_{002}^{(21)}m_{300}^{(20)}m_{130}^{(21)} - m_{002}^{(21)}m_{300}^{(20)}m_{121}^{(11)}\\
&-m_{002}^{(21)}m_{300}^{(20)}m_{040}^{(20)} + m_{002}^{(21)}m_{300}^{(20)}m_{031}^{(10)} + m_{002}^{(21)}m_{300}^{(22)}m_{220}^{(11)} - 2m_{002}^{(21)}m_{300}^{(22)}m_{130}^{(10)}\\
&+m_{002}^{(21)}m_{300}^{(22)}m_{040}^{(00)} - m_{002}^{(21)}m_{210}^{(00)}m_{130}^{(22)} + m_{002}^{(21)}m_{210}^{(00)}m_{121}^{(21)} + m_{002}^{(21)}m_{210}^{(00)}m_{031}^{(20)}\\
&-m_{002}^{(21)}m_{210}^{(00)}m_{022}^{(10)} - m_{002}^{(21)}m_{210}^{(10)}m_{220}^{(22)} + 2m_{002}^{(21)}m_{210}^{(10)}m_{211}^{(21)} - 2m_{002}^{(21)}m_{210}^{(10)}m_{112}^{(10)}\\
&+m_{002}^{(21)}m_{210}^{(10)}m_{022}^{(00)} + 2m_{002}^{(21)}m_{210}^{(11)}m_{310}^{(22)} - 4m_{002}^{(21)}m_{210}^{(11)}m_{211}^{(20)} + 2m_{002}^{(21)}m_{210}^{(11)}m_{112}^{(00)}\\
&-3m_{002}^{(21)}m_{210}^{(20)}m_{220}^{(21)} + 2m_{002}^{(21)}m_{210}^{(20)}m_{211}^{(11)} + 3m_{002}^{(21)}m_{210}^{(20)}m_{130}^{(20)} - m_{002}^{(21)}m_{210}^{(20)}m_{121}^{(10)}\\
&-m_{002}^{(21)}m_{210}^{(20)}m_{031}^{(00)} - 2m_{002}^{(21)}m_{210}^{(22)}m_{310}^{(11)} + 4m_{002}^{(21)}m_{210}^{(22)}m_{220}^{(10)} - 2m_{002}^{(21)}m_{210}^{(22)}m_{130}^{(00)}\\
&-m_{002}^{(21)}m_{201}^{(00)}m_{130}^{(21)} + m_{002}^{(21)}m_{201}^{(00)}m_{121}^{(11)} + m_{002}^{(21)}m_{201}^{(00)}m_{040}^{(20)} - m_{002}^{(21)}m_{201}^{(00)}m_{031}^{(10)}\\
&+m_{002}^{(21)}m_{201}^{(10)}m_{220}^{(21)} - m_{002}^{(21)}m_{201}^{(10)}m_{130}^{(20)} - m_{002}^{(21)}m_{201}^{(10)}m_{121}^{(10)} + m_{002}^{(21)}m_{201}^{(10)}m_{031}^{(00)}\\
&-m_{002}^{(21)}m_{201}^{(20)}m_{220}^{(11)} + 2m_{002}^{(21)}m_{201}^{(20)}m_{130}^{(10)} - m_{002}^{(21)}m_{201}^{(20)}m_{040}^{(00)} + 2m_{002}^{(21)}m_{120}^{(00)}m_{220}^{(22)}\\
&-2m_{002}^{(21)}m_{120}^{(00)}m_{211}^{(21)} - 2m_{002}^{(21)}m_{120}^{(00)}m_{121}^{(20)} + 2m_{002}^{(21)}m_{120}^{(00)}m_{112}^{(10)} - m_{002}^{(21)}m_{120}^{(10)}m_{310}^{(22)}
\end{aligned}
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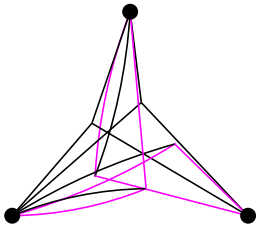
\begin{aligned}
&-m_{002}^{(21)} m_{120}^{(10)} m_{301}^{(21)} + 3m_{002}^{(21)} m_{120}^{(10)} m_{211}^{(20)} + m_{002}^{(21)} m_{120}^{(10)} m_{202}^{(10)} - 2m_{002}^{(21)} m_{120}^{(10)} m_{112}^{(00)} \\
&-m_{002}^{(21)} m_{120}^{(11)} m_{400}^{(22)} + 2m_{002}^{(21)} m_{120}^{(11)} m_{301}^{(20)} - m_{002}^{(21)} m_{120}^{(11)} m_{202}^{(00)} + 3m_{002}^{(21)} m_{120}^{(20)} m_{310}^{(21)} \\
&-m_{002}^{(21)} m_{120}^{(20)} m_{301}^{(11)} - 3m_{002}^{(21)} m_{120}^{(20)} m_{220}^{(20)} - m_{002}^{(21)} m_{120}^{(20)} m_{211}^{(10)} + 2m_{002}^{(21)} m_{120}^{(20)} m_{121}^{(00)} \\
&+m_{002}^{(21)} m_{120}^{(22)} m_{400}^{(11)} - 2m_{002}^{(21)} m_{120}^{(22)} m_{310}^{(10)} + m_{002}^{(21)} m_{120}^{(22)} m_{220}^{(00)} + 2m_{002}^{(21)} m_{111}^{(00)} m_{220}^{(21)} \\
&-2m_{002}^{(21)} m_{111}^{(00)} m_{211}^{(11)} - 2m_{002}^{(21)} m_{111}^{(00)} m_{130}^{(20)} + 2m_{002}^{(21)} m_{111}^{(00)} m_{121}^{(10)} - 2m_{002}^{(21)} m_{111}^{(10)} m_{310}^{(21)} \\
&+2m_{002}^{(21)} m_{111}^{(10)} m_{220}^{(20)} + 2m_{002}^{(21)} m_{111}^{(10)} m_{211}^{(10)} - 2m_{002}^{(21)} m_{111}^{(10)} m_{121}^{(00)} + 2m_{002}^{(21)} m_{111}^{(20)} m_{310}^{(11)} \\
&-4m_{002}^{(21)} m_{111}^{(20)} m_{220}^{(10)} + 2m_{002}^{(21)} m_{111}^{(20)} m_{130}^{(00)} - m_{002}^{(21)} m_{030}^{(00)} m_{310}^{(22)} + m_{002}^{(21)} m_{030}^{(00)} m_{301}^{(21)} \\
&+m_{002}^{(21)} m_{030}^{(00)} m_{211}^{(20)} - m_{002}^{(21)} m_{030}^{(00)} m_{202}^{(10)} + m_{002}^{(21)} m_{030}^{(10)} m_{400}^{(22)} - 2m_{002}^{(21)} m_{030}^{(10)} m_{301}^{(20)} \\
&+m_{002}^{(21)} m_{030}^{(10)} m_{202}^{(00)} - m_{002}^{(21)} m_{030}^{(20)} m_{400}^{(21)} + m_{002}^{(21)} m_{030}^{(20)} m_{310}^{(20)} + m_{002}^{(21)} m_{030}^{(20)} m_{301}^{(10)} \\
&-m_{002}^{(21)} m_{030}^{(20)} m_{211}^{(00)} - m_{002}^{(21)} m_{021}^{(00)} m_{310}^{(21)} + m_{002}^{(21)} m_{021}^{(00)} m_{301}^{(11)} + m_{002}^{(21)} m_{021}^{(00)} m_{220}^{(20)} \\
&-m_{002}^{(21)} m_{021}^{(00)} m_{211}^{(10)} + m_{002}^{(21)} m_{021}^{(10)} m_{400}^{(21)} - m_{002}^{(21)} m_{021}^{(10)} m_{310}^{(20)} - m_{002}^{(21)} m_{021}^{(10)} m_{301}^{(10)} \\
&+m_{002}^{(21)} m_{021}^{(10)} m_{211}^{(00)} - m_{002}^{(21)} m_{021}^{(20)} m_{400}^{(11)} + 2m_{002}^{(21)} m_{021}^{(20)} m_{310}^{(10)} - m_{002}^{(21)} m_{021}^{(20)} m_{220}^{(00)} \\
&-m_{002}^{(22)} m_{300}^{(10)} m_{130}^{(21)} + m_{002}^{(22)} m_{300}^{(10)} m_{121}^{(11)} + m_{002}^{(22)} m_{300}^{(10)} m_{040}^{(20)} - m_{002}^{(22)} m_{300}^{(10)} m_{031}^{(10)} \\
&+m_{002}^{(22)} m_{300}^{(11)} m_{220}^{(21)} - m_{002}^{(22)} m_{300}^{(11)} m_{130}^{(20)} - m_{002}^{(22)} m_{300}^{(11)} m_{121}^{(10)} + m_{002}^{(22)} m_{300}^{(11)} m_{031}^{(00)} \\
&-m_{002}^{(22)} m_{300}^{(21)} m_{220}^{(11)} + 2m_{002}^{(22)} m_{300}^{(21)} m_{130}^{(10)} - m_{002}^{(22)} m_{300}^{(21)} m_{040}^{(00)} + m_{002}^{(22)} m_{210}^{(00)} m_{130}^{(21)} \\
&-m_{002}^{(22)} m_{210}^{(00)} m_{121}^{(11)} - m_{002}^{(22)} m_{210}^{(00)} m_{040}^{(20)} + m_{002}^{(22)} m_{210}^{(00)} m_{031}^{(10)} + m_{002}^{(22)} m_{210}^{(10)} m_{220}^{(21)} \\
&-2m_{002}^{(22)} m_{210}^{(10)} m_{211}^{(11)} - m_{002}^{(22)} m_{210}^{(10)} m_{130}^{(20)} + 3m_{002}^{(22)} m_{210}^{(10)} m_{121}^{(10)} - m_{002}^{(22)} m_{210}^{(10)} m_{031}^{(00)} \\
&-2m_{002}^{(22)} m_{210}^{(11)} m_{310}^{(21)} + 2m_{002}^{(22)} m_{210}^{(11)} m_{220}^{(20)} + 2m_{002}^{(22)} m_{210}^{(11)} m_{211}^{(10)} - 2m_{002}^{(22)} m_{210}^{(11)} m_{121}^{(00)} \\
&+m_{002}^{(22)} m_{210}^{(20)} m_{220}^{(11)} - 2m_{002}^{(22)} m_{210}^{(20)} m_{130}^{(10)} + m_{002}^{(22)} m_{210}^{(20)} m_{040}^{(00)} + 2m_{002}^{(22)} m_{210}^{(21)} m_{310}^{(11)} \\
&-4m_{002}^{(22)} m_{210}^{(21)} m_{220}^{(10)} + 2m_{002}^{(22)} m_{210}^{(21)} m_{130}^{(00)} - 2m_{002}^{(22)} m_{120}^{(00)} m_{220}^{(21)} + 2m_{002}^{(22)} m_{120}^{(00)} m_{211}^{(11)} \\
&+2m_{002}^{(22)} m_{120}^{(00)} m_{130}^{(20)} - 2m_{002}^{(22)} m_{120}^{(00)} m_{121}^{(10)} + m_{002}^{(22)} m_{120}^{(10)} m_{310}^{(21)} + m_{002}^{(22)} m_{120}^{(10)} m_{301}^{(11)} \\
&-m_{002}^{(22)} m_{120}^{(10)} m_{220}^{(20)} - 3m_{002}^{(22)} m_{120}^{(10)} m_{211}^{(10)} + 2m_{002}^{(22)} m_{120}^{(10)} m_{121}^{(00)} + m_{002}^{(22)} m_{120}^{(11)} m_{400}^{(21)} \\
&-m_{002}^{(22)} m_{120}^{(11)} m_{310}^{(20)} - m_{002}^{(22)} m_{120}^{(11)} m_{301}^{(10)} + m_{002}^{(22)} m_{120}^{(11)} m_{211}^{(00)} - 2m_{002}^{(22)} m_{120}^{(20)} m_{310}^{(11)} \\
&+4m_{002}^{(22)} m_{120}^{(20)} m_{220}^{(10)} - 2m_{002}^{(22)} m_{120}^{(20)} m_{130}^{(00)} - m_{002}^{(22)} m_{120}^{(21)} m_{400}^{(11)} + 2m_{002}^{(22)} m_{120}^{(21)} m_{310}^{(10)} \\
&-m_{002}^{(22)} m_{120}^{(21)} m_{220}^{(00)} + m_{002}^{(22)} m_{030}^{(00)} m_{310}^{(21)} - m_{002}^{(22)} m_{030}^{(00)} m_{301}^{(11)} - m_{002}^{(22)} m_{030}^{(00)} m_{220}^{(20)} \\
&+m_{002}^{(22)} m_{030}^{(00)} m_{211}^{(10)} - m_{002}^{(22)} m_{030}^{(10)} m_{400}^{(21)} + m_{002}^{(22)} m_{030}^{(10)} m_{310}^{(20)} + m_{002}^{(22)} m_{030}^{(10)} m_{301}^{(10)} \\
&-m_{002}^{(22)} m_{030}^{(10)} m_{211}^{(00)} + m_{002}^{(22)} m_{030}^{(20)} m_{400}^{(11)} - 2m_{002}^{(22)} m_{030}^{(20)} m_{310}^{(10)} + m_{002}^{(22)} m_{030}^{(20)} m_{220}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{ccccc}
V1 & V1 & 1 & 1 & V2 \\
1 & 1 & 2 & 2 & 2 \\
V2 & V3 & 3 & 3 & V3
\end{array}
$$



$$
\begin{aligned}
T_{138} \;=\;& -m_{200}^{(00)} m_{030}^{(20)} m_{022}^{(22)} + 2m_{200}^{(00)} m_{030}^{(20)} m_{013}^{(21)} - m_{200}^{(00)} m_{030}^{(20)} m_{004}^{(11)} + m_{200}^{(00)} m_{030}^{(21)} m_{112}^{(22)} \\
& - m_{200}^{(00)} m_{030}^{(21)} m_{103}^{(21)} - m_{200}^{(00)} m_{030}^{(21)} m_{013}^{(20)} + m_{200}^{(00)} m_{030}^{(21)} m_{004}^{(10)} - m_{200}^{(00)} m_{030}^{(22)} m_{112}^{(21)} \\
& + m_{200}^{(00)} m_{030}^{(22)} m_{103}^{(11)} + m_{200}^{(00)} m_{030}^{(22)} m_{022}^{(20)} - m_{200}^{(00)} m_{030}^{(22)} m_{013}^{(10)} + m_{200}^{(00)} m_{021}^{(10)} m_{022}^{(22)} \\
& - 2m_{200}^{(00)} m_{021}^{(10)} m_{013}^{(21)} + m_{200}^{(00)} m_{021}^{(10)} m_{004}^{(11)} - m_{200}^{(00)} m_{021}^{(11)} m_{112}^{(22)} + m_{200}^{(00)} m_{021}^{(11)} m_{103}^{(21)} \\
& + m_{200}^{(00)} m_{021}^{(11)} m_{013}^{(20)} - m_{200}^{(00)} m_{021}^{(11)} m_{004}^{(10)} + 2m_{200}^{(00)} m_{021}^{(20)} m_{031}^{(22)} - 4m_{200}^{(00)} m_{021}^{(20)} m_{022}^{(21)} \\
& + 2m_{200}^{(00)} m_{021}^{(20)} m_{013}^{(11)} - 2m_{200}^{(00)} m_{021}^{(21)} m_{121}^{(22)} + 3m_{200}^{(00)} m_{021}^{(21)} m_{112}^{(21)} - m_{200}^{(00)} m_{021}^{(21)} m_{103}^{(11)} \\
& + m_{200}^{(00)} m_{021}^{(21)} m_{022}^{(20)} - m_{200}^{(00)} m_{021}^{(21)} m_{013}^{(10)} + 2m_{200}^{(00)} m_{021}^{(22)} m_{121}^{(21)} - 2m_{200}^{(00)} m_{021}^{(22)} m_{112}^{(11)} \\
& - 2m_{200}^{(00)} m_{021}^{(22)} m_{031}^{(20)} + 2m_{200}^{(00)} m_{021}^{(22)} m_{022}^{(10)} - 2m_{200}^{(00)} m_{012}^{(10)} m_{031}^{(22)} + 4m_{200}^{(00)} m_{012}^{(10)} m_{022}^{(21)} \\
& - 2m_{200}^{(00)} m_{012}^{(10)} m_{013}^{(11)} + 2m_{200}^{(00)} m_{012}^{(11)} m_{121}^{(22)} - 2m_{200}^{(00)} m_{012}^{(11)} m_{112}^{(21)} - 2m_{200}^{(00)} m_{012}^{(11)} m_{022}^{(20)} \\
& + 2m_{200}^{(00)} m_{012}^{(11)} m_{013}^{(10)} - m_{200}^{(00)} m_{012}^{(20)} m_{040}^{(22)} + 2m_{200}^{(00)} m_{012}^{(20)} m_{031}^{(21)} - m_{200}^{(00)} m_{012}^{(20)} m_{022}^{(11)} \\
& + m_{200}^{(00)} m_{012}^{(21)} m_{130}^{(22)} - 3m_{200}^{(00)} m_{012}^{(21)} m_{121}^{(21)} + 2m_{200}^{(00)} m_{012}^{(21)} m_{112}^{(11)} + m_{200}^{(00)} m_{012}^{(21)} m_{031}^{(20)} \\
& - m_{200}^{(00)} m_{012}^{(21)} m_{022}^{(10)} - m_{200}^{(00)} m_{012}^{(22)} m_{130}^{(21)} + m_{200}^{(00)} m_{012}^{(22)} m_{121}^{(11)} + m_{200}^{(00)} m_{012}^{(22)} m_{040}^{(20)} \\
& - m_{200}^{(00)} m_{012}^{(22)} m_{031}^{(10)} + m_{200}^{(00)} m_{003}^{(10)} m_{040}^{(22)} - 2m_{200}^{(00)} m_{003}^{(10)} m_{031}^{(21)} + m_{200}^{(00)} m_{003}^{(10)} m_{022}^{(11)} \\
& - m_{200}^{(00)} m_{003}^{(11)} m_{130}^{(22)} + m_{200}^{(00)} m_{003}^{(11)} m_{121}^{(21)} + m_{200}^{(00)} m_{003}^{(11)} m_{031}^{(20)} - m_{200}^{(00)} m_{003}^{(11)} m_{022}^{(10)} \\
& + m_{200}^{(00)} m_{003}^{(21)} m_{130}^{(21)} - m_{200}^{(00)} m_{003}^{(21)} m_{121}^{(11)} - m_{200}^{(00)} m_{003}^{(21)} m_{040}^{(20)} + m_{200}^{(00)} m_{003}^{(21)} m_{031}^{(10)} \\
& + m_{200}^{(10)} m_{120}^{(20)} m_{022}^{(22)} - 2m_{200}^{(10)} m_{120}^{(20)} m_{013}^{(21)} + m_{200}^{(10)} m_{120}^{(20)} m_{004}^{(11)} - m_{200}^{(10)} m_{120}^{(21)} m_{112}^{(22)} \\
& + m_{200}^{(10)} m_{120}^{(21)} m_{103}^{(21)} + m_{200}^{(10)} m_{120}^{(21)} m_{013}^{(20)} - m_{200}^{(10)} m_{120}^{(21)} m_{004}^{(10)} + m_{200}^{(10)} m_{120}^{(22)} m_{112}^{(21)} \\
& - m_{200}^{(10)} m_{120}^{(22)} m_{103}^{(11)} - m_{200}^{(10)} m_{120}^{(22)} m_{022}^{(20)} + m_{200}^{(10)} m_{120}^{(22)} m_{013}^{(10)} - m_{200}^{(10)} m_{111}^{(10)} m_{022}^{(22)} \\
& + 2m_{200}^{(10)} m_{111}^{(10)} m_{013}^{(21)} - m_{200}^{(10)} m_{111}^{(10)} m_{004}^{(11)} + m_{200}^{(10)} m_{111}^{(11)} m_{112}^{(22)} - m_{200}^{(10)} m_{111}^{(11)} m_{103}^{(21)} \\
& - m_{200}^{(10)} m_{111}^{(11)} m_{013}^{(20)} + m_{200}^{(10)} m_{111}^{(11)} m_{004}^{(10)} - m_{200}^{(10)} m_{111}^{(20)} m_{031}^{(22)} + 2m_{200}^{(10)} m_{111}^{(20)} m_{022}^{(21)} \\
& - m_{200}^{(10)} m_{111}^{(20)} m_{013}^{(11)} + m_{200}^{(10)} m_{111}^{(21)} m_{121}^{(22)} - 2m_{200}^{(10)} m_{111}^{(21)} m_{112}^{(21)} + m_{200}^{(10)} m_{111}^{(21)} m_{103}^{(11)} \\
& - m_{200}^{(10)} m_{111}^{(22)} m_{121}^{(21)} + m_{200}^{(10)} m_{111}^{(22)} m_{112}^{(11)} + m_{200}^{(10)} m_{111}^{(22)} m_{031}^{(20)} - m_{200}^{(10)} m_{111}^{(22)} m_{022}^{(10)} \\
& + m_{200}^{(10)} m_{102}^{(10)} m_{031}^{(22)} - 2m_{200}^{(10)} m_{102}^{(10)} m_{022}^{(21)} + m_{200}^{(10)} m_{102}^{(10)} m_{013}^{(11)} - m_{200}^{(10)} m_{102}^{(10)} m_{121}^{(22)} \\
& + m_{200}^{(10)} m_{102}^{(11)} m_{112}^{(21)} + m_{200}^{(10)} m_{102}^{(11)} m_{022}^{(20)} - m_{200}^{(10)} m_{102}^{(11)} m_{013}^{(10)} + m_{200}^{(10)} m_{102}^{(21)} m_{121}^{(21)} \\
& - m_{200}^{(10)} m_{102}^{(21)} m_{112}^{(11)} - m_{200}^{(10)} m_{102}^{(21)} m_{031}^{(20)} + m_{200}^{(10)} m_{102}^{(21)} m_{022}^{(10)} + m_{200}^{(10)} m_{030}^{(20)} m_{112}^{(22)} \\
& - m_{200}^{(10)} m_{030}^{(20)} m_{103}^{(21)} - m_{200}^{(10)} m_{030}^{(20)} m_{013}^{(20)} + m_{200}^{(10)} m_{030}^{(20)} m_{004}^{(10)} - m_{200}^{(10)} m_{030}^{(21)} m_{202}^{(22)} \\
& + 2m_{200}^{(10)} m_{030}^{(21)} m_{103}^{(20)} - m_{200}^{(10)} m_{030}^{(21)} m_{004}^{(00)} + m_{200}^{(10)} m_{030}^{(22)} m_{202}^{(21)} - m_{200}^{(10)} m_{030}^{(22)} m_{112}^{(20)} \\
& - m_{200}^{(10)} m_{030}^{(22)} m_{103}^{(10)} + m_{200}^{(10)} m_{030}^{(22)} m_{013}^{(00)} - m_{200}^{(10)} m_{021}^{(10)} m_{112}^{(22)} + m_{200}^{(10)} m_{021}^{(10)} m_{103}^{(21)} \\
& + m_{200}^{(10)} m_{021}^{(10)} m_{013}^{(20)} - m_{200}^{(10)} m_{021}^{(10)} m_{004}^{(10)} + m_{200}^{(10)} m_{021}^{(11)} m_{202}^{(22)} - 2m_{200}^{(10)} m_{021}^{(11)} m_{103}^{(20)} \\
& + m_{200}^{(10)} m_{021}^{(11)} m_{004}^{(00)} - 3m_{200}^{(10)} m_{021}^{(20)} m_{121}^{(22)} + 4m_{200}^{(10)} m_{021}^{(20)} m_{112}^{(21)} - m_{200}^{(10)} m_{021}^{(20)} m_{103}^{(11)} \\
& + 2m_{200}^{(10)} m_{021}^{(20)} m_{022}^{(20)} - 2m_{200}^{(10)} m_{021}^{(20)} m_{013}^{(10)} + 3m_{200}^{(10)} m_{021}^{(21)} m_{211}^{(22)} - 2m_{200}^{(10)} m_{021}^{(21)} m_{202}^{(21)} \\
& - 4m_{200}^{(10)} m_{021}^{(21)} m_{112}^{(20)} + 2m_{200}^{(10)} m_{021}^{(21)} m_{103}^{(10)} + m_{200}^{(10)} m_{021}^{(21)} m_{013}^{(00)} - 3m_{200}^{(10)} m_{021}^{(22)} m_{211}^{(21)} \\
& + m_{200}^{(10)} m_{021}^{(22)} m_{202}^{(11)} + 3m_{200}^{(10)} m_{021}^{(22)} m_{121}^{(20)} + m_{200}^{(10)} m_{021}^{(22)} m_{112}^{(10)} - 2m_{200}^{(10)} m_{021}^{(22)} m_{022}^{(00)} \\
& + 3m_{200}^{(10)} m_{012}^{(10)} m_{121}^{(22)} - 4m_{200}^{(10)} m_{012}^{(10)} m_{112}^{(21)} + m_{200}^{(10)} m_{012}^{(10)} m_{103}^{(11)} - 2m_{200}^{(10)} m_{012}^{(10)} m_{022}^{(20)} \\
& + 2m_{200}^{(10)} m_{012}^{(10)} m_{013}^{(10)} - 3m_{200}^{(10)} m_{012}^{(11)} m_{211}^{(22)} + m_{200}^{(10)} m_{012}^{(11)} m_{202}^{(21)} + 5m_{200}^{(10)} m_{012}^{(11)} m_{112}^{(20)} \\
& - m_{200}^{(10)} m_{012}^{(11)} m_{103}^{(10)} - 2m_{200}^{(10)} m_{012}^{(11)} m_{013}^{(00)} + 2m_{200}^{(10)} m_{012}^{(20)} m_{130}^{(22)} - 3m_{200}^{(10)} m_{012}^{(20)} m_{121}^{(21)} \\
& + m_{200}^{(10)} m_{012}^{(20)} m_{112}^{(11)} - m_{200}^{(10)} m_{012}^{(20)} m_{031}^{(20)} + m_{200}^{(10)} m_{012}^{(20)} m_{022}^{(10)} - 2m_{200}^{(10)} m_{012}^{(21)} m_{012}^{(22)} \\
& + 4m_{200}^{(10)} m_{012}^{(21)} m_{211}^{(21)} - m_{200}^{(10)} m_{012}^{(21)} m_{202}^{(11)} - 2m_{200}^{(10)} m_{012}^{(21)} m_{112}^{(10)} + m_{200}^{(10)} m_{012}^{(21)} m_{022}^{(00)}
\end{aligned}
$$

$$+2m_{200}^{(10)}m_{012}^{(22)}m_{220}^{(21)}-m_{200}^{(10)}m_{012}^{(22)}m_{211}^{(11)}-2m_{200}^{(10)}m_{012}^{(22)}m_{130}^{(20)}+m_{200}^{(10)}m_{012}^{(22)}m_{031}^{(00)}$$
$$-2m_{200}^{(10)}m_{003}^{(10)}m_{130}^{(22)}+3m_{200}^{(10)}m_{003}^{(10)}m_{121}^{(21)}-m_{200}^{(10)}m_{003}^{(10)}m_{112}^{(11)}+m_{200}^{(10)}m_{003}^{(10)}m_{031}^{(20)}$$
$$-m_{200}^{(10)}m_{003}^{(10)}m_{022}^{(10)}+2m_{200}^{(10)}m_{003}^{(11)}m_{220}^{(22)}-m_{200}^{(10)}m_{003}^{(11)}m_{211}^{(21)}-3m_{200}^{(10)}m_{003}^{(11)}m_{121}^{(20)}$$
$$+m_{200}^{(10)}m_{003}^{(11)}m_{112}^{(10)}+m_{200}^{(10)}m_{003}^{(11)}m_{022}^{(00)}-2m_{200}^{(10)}m_{003}^{(21)}m_{220}^{(21)}+m_{200}^{(10)}m_{003}^{(21)}m_{211}^{(11)}$$
$$+2m_{200}^{(10)}m_{003}^{(21)}m_{130}^{(20)}-m_{200}^{(10)}m_{003}^{(21)}m_{031}^{(00)}-m_{200}^{(11)}m_{120}^{(20)}m_{112}^{(22)}+m_{200}^{(11)}m_{120}^{(20)}m_{103}^{(21)}$$
$$+m_{200}^{(11)}m_{120}^{(20)}m_{013}^{(20)}-m_{200}^{(11)}m_{120}^{(20)}m_{004}^{(10)}+m_{200}^{(11)}m_{120}^{(21)}m_{202}^{(22)}-2m_{200}^{(11)}m_{120}^{(21)}m_{103}^{(20)}$$
$$+m_{200}^{(11)}m_{120}^{(21)}m_{004}^{(00)}-m_{200}^{(11)}m_{120}^{(22)}m_{202}^{(21)}+m_{200}^{(11)}m_{120}^{(22)}m_{112}^{(20)}+m_{200}^{(11)}m_{120}^{(22)}m_{103}^{(10)}$$
$$-m_{200}^{(11)}m_{120}^{(22)}m_{013}^{(00)}+m_{200}^{(11)}m_{111}^{(10)}m_{112}^{(22)}-m_{200}^{(11)}m_{111}^{(10)}m_{103}^{(21)}-m_{200}^{(11)}m_{111}^{(10)}m_{013}^{(20)}$$
$$+m_{200}^{(11)}m_{111}^{(10)}m_{004}^{(10)}-m_{200}^{(11)}m_{111}^{(11)}m_{202}^{(22)}+2m_{200}^{(11)}m_{111}^{(11)}m_{103}^{(20)}-m_{200}^{(11)}m_{111}^{(11)}m_{004}^{(00)}$$
$$+m_{200}^{(11)}m_{111}^{(20)}m_{121}^{(22)}-m_{200}^{(11)}m_{111}^{(20)}m_{112}^{(21)}-m_{200}^{(11)}m_{111}^{(20)}m_{022}^{(20)}+m_{200}^{(11)}m_{111}^{(20)}m_{013}^{(10)}$$
$$-m_{200}^{(11)}m_{111}^{(21)}m_{211}^{(22)}+m_{200}^{(11)}m_{111}^{(21)}m_{202}^{(21)}+m_{200}^{(11)}m_{111}^{(21)}m_{112}^{(20)}-m_{200}^{(11)}m_{111}^{(21)}m_{103}^{(10)}$$
$$+m_{200}^{(11)}m_{111}^{(22)}m_{211}^{(21)}-m_{200}^{(11)}m_{111}^{(22)}m_{121}^{(20)}-m_{200}^{(11)}m_{111}^{(22)}m_{112}^{(10)}+m_{200}^{(11)}m_{111}^{(22)}m_{022}^{(00)}$$
$$-m_{200}^{(11)}m_{102}^{(10)}m_{121}^{(22)}+m_{200}^{(11)}m_{102}^{(10)}m_{112}^{(21)}+m_{200}^{(11)}m_{102}^{(10)}m_{022}^{(20)}-m_{200}^{(11)}m_{102}^{(10)}m_{013}^{(10)}$$
$$+m_{200}^{(11)}m_{102}^{(11)}m_{211}^{(22)}-2m_{200}^{(11)}m_{102}^{(11)}m_{112}^{(20)}+m_{200}^{(11)}m_{102}^{(11)}m_{013}^{(00)}-m_{200}^{(11)}m_{102}^{(21)}m_{211}^{(21)}$$
$$+m_{200}^{(11)}m_{102}^{(21)}m_{121}^{(20)}+m_{200}^{(11)}m_{102}^{(21)}m_{112}^{(10)}-m_{200}^{(11)}m_{102}^{(21)}m_{022}^{(00)}+m_{200}^{(11)}m_{102}^{(20)}m_{211}^{(22)}$$
$$-m_{200}^{(11)}m_{021}^{(20)}m_{202}^{(21)}-m_{200}^{(11)}m_{021}^{(20)}m_{112}^{(20)}+m_{200}^{(11)}m_{021}^{(20)}m_{103}^{(10)}-m_{200}^{(11)}m_{021}^{(21)}m_{301}^{(22)}$$
$$+2m_{200}^{(11)}m_{021}^{(21)}m_{202}^{(20)}-m_{200}^{(11)}m_{021}^{(21)}m_{103}^{(00)}+m_{200}^{(11)}m_{021}^{(22)}m_{301}^{(21)}-m_{200}^{(11)}m_{021}^{(22)}m_{211}^{(20)}$$
$$-m_{200}^{(11)}m_{021}^{(22)}m_{202}^{(10)}+m_{200}^{(11)}m_{021}^{(22)}m_{112}^{(00)}-m_{200}^{(11)}m_{012}^{(10)}m_{211}^{(22)}+m_{200}^{(11)}m_{012}^{(10)}m_{202}^{(21)}$$
$$+m_{200}^{(11)}m_{012}^{(10)}m_{112}^{(20)}-m_{200}^{(11)}m_{012}^{(10)}m_{103}^{(10)}+m_{200}^{(11)}m_{012}^{(11)}m_{301}^{(22)}-2m_{200}^{(11)}m_{012}^{(11)}m_{202}^{(20)}$$
$$+m_{200}^{(11)}m_{012}^{(11)}m_{103}^{(00)}-m_{200}^{(11)}m_{012}^{(20)}m_{220}^{(22)}+m_{200}^{(11)}m_{012}^{(20)}m_{211}^{(21)}+m_{200}^{(11)}m_{012}^{(20)}m_{121}^{(20)}$$
$$-m_{200}^{(11)}m_{012}^{(20)}m_{112}^{(10)}+m_{200}^{(11)}m_{012}^{(21)}m_{310}^{(22)}-m_{200}^{(11)}m_{012}^{(21)}m_{301}^{(21)}-m_{200}^{(11)}m_{012}^{(21)}m_{211}^{(20)}$$
$$+m_{200}^{(11)}m_{012}^{(21)}m_{202}^{(10)}-m_{200}^{(11)}m_{012}^{(22)}m_{310}^{(21)}+m_{200}^{(11)}m_{012}^{(22)}m_{220}^{(20)}+m_{200}^{(11)}m_{012}^{(22)}m_{211}^{(10)}$$
$$-m_{200}^{(11)}m_{012}^{(22)}m_{121}^{(00)}+m_{200}^{(11)}m_{003}^{(10)}m_{220}^{(22)}-m_{200}^{(11)}m_{003}^{(10)}m_{211}^{(21)}-m_{200}^{(11)}m_{003}^{(10)}m_{121}^{(20)}$$
$$+m_{200}^{(11)}m_{003}^{(10)}m_{112}^{(10)}-m_{200}^{(11)}m_{003}^{(11)}m_{310}^{(22)}+2m_{200}^{(11)}m_{003}^{(11)}m_{211}^{(20)}-m_{200}^{(11)}m_{003}^{(11)}m_{112}^{(00)}$$
$$+m_{200}^{(11)}m_{003}^{(21)}m_{310}^{(21)}-m_{200}^{(11)}m_{003}^{(21)}m_{220}^{(20)}-m_{200}^{(11)}m_{003}^{(21)}m_{211}^{(10)}+m_{200}^{(11)}m_{003}^{(21)}m_{121}^{(00)}$$
$$-m_{200}^{(20)}m_{120}^{(20)}m_{031}^{(22)}+2m_{200}^{(20)}m_{120}^{(20)}m_{022}^{(21)}-m_{200}^{(20)}m_{120}^{(20)}m_{013}^{(11)}+m_{200}^{(20)}m_{120}^{(21)}m_{121}^{(22)}$$
$$-m_{200}^{(20)}m_{120}^{(21)}m_{112}^{(21)}-m_{200}^{(20)}m_{120}^{(21)}m_{022}^{(20)}+m_{200}^{(20)}m_{120}^{(21)}m_{013}^{(10)}-m_{200}^{(20)}m_{120}^{(22)}m_{121}^{(21)}$$
$$+m_{200}^{(20)}m_{120}^{(22)}m_{112}^{(11)}+m_{200}^{(20)}m_{120}^{(22)}m_{031}^{(20)}-m_{200}^{(20)}m_{120}^{(22)}m_{022}^{(10)}+m_{200}^{(20)}m_{111}^{(10)}m_{031}^{(22)}$$
$$-2m_{200}^{(20)}m_{111}^{(10)}m_{022}^{(21)}+m_{200}^{(20)}m_{111}^{(10)}m_{013}^{(11)}-m_{200}^{(20)}m_{111}^{(11)}m_{121}^{(22)}+m_{200}^{(20)}m_{111}^{(11)}m_{112}^{(21)}$$
$$+m_{200}^{(20)}m_{111}^{(11)}m_{022}^{(20)}-m_{200}^{(20)}m_{111}^{(11)}m_{013}^{(10)}+m_{200}^{(20)}m_{111}^{(20)}m_{040}^{(22)}-2m_{200}^{(20)}m_{111}^{(20)}m_{031}^{(21)}$$
$$+m_{200}^{(20)}m_{111}^{(20)}m_{022}^{(11)}-m_{200}^{(20)}m_{111}^{(21)}m_{130}^{(22)}+2m_{200}^{(20)}m_{111}^{(21)}m_{121}^{(21)}-m_{200}^{(20)}m_{111}^{(21)}m_{112}^{(11)}$$
$$+m_{200}^{(20)}m_{111}^{(22)}m_{130}^{(21)}-m_{200}^{(20)}m_{111}^{(22)}m_{121}^{(11)}-m_{200}^{(20)}m_{111}^{(22)}m_{040}^{(20)}+m_{200}^{(20)}m_{111}^{(22)}m_{031}^{(10)}$$
$$-m_{200}^{(20)}m_{102}^{(10)}m_{040}^{(22)}+2m_{200}^{(20)}m_{102}^{(10)}m_{031}^{(21)}-m_{200}^{(20)}m_{102}^{(10)}m_{022}^{(11)}+m_{200}^{(20)}m_{102}^{(11)}m_{130}^{(22)}$$
$$-m_{200}^{(20)}m_{102}^{(11)}m_{121}^{(21)}-m_{200}^{(20)}m_{102}^{(11)}m_{031}^{(20)}+m_{200}^{(20)}m_{102}^{(11)}m_{022}^{(10)}-m_{200}^{(20)}m_{102}^{(21)}m_{130}^{(21)}$$
$$+m_{200}^{(20)}m_{102}^{(21)}m_{121}^{(11)}+m_{200}^{(20)}m_{102}^{(21)}m_{040}^{(20)}-m_{200}^{(20)}m_{102}^{(21)}m_{031}^{(10)}+m_{200}^{(20)}m_{030}^{(20)}m_{121}^{(22)}$$
$$-3m_{200}^{(20)}m_{030}^{(20)}m_{112}^{(21)}+2m_{200}^{(20)}m_{030}^{(20)}m_{103}^{(11)}+m_{200}^{(20)}m_{030}^{(20)}m_{022}^{(20)}-m_{200}^{(20)}m_{030}^{(20)}m_{013}^{(10)}$$
$$-m_{200}^{(20)}m_{030}^{(21)}m_{211}^{(22)}+2m_{200}^{(20)}m_{030}^{(21)}m_{202}^{(21)}-2m_{200}^{(20)}m_{030}^{(21)}m_{103}^{(10)}+m_{200}^{(20)}m_{030}^{(21)}m_{013}^{(00)}$$
$$+m_{200}^{(20)}m_{030}^{(22)}m_{211}^{(21)}-2m_{200}^{(20)}m_{030}^{(22)}m_{202}^{(11)}-m_{200}^{(20)}m_{030}^{(22)}m_{121}^{(20)}+3m_{200}^{(20)}m_{030}^{(22)}m_{112}^{(10)}$$

$$
\begin{aligned}
&-m_{200}^{(20)}m_{030}^{(22)}m_{022}^{(00)} - m_{200}^{(20)}m_{021}^{(10)}m_{121}^{(22)} + 3m_{200}^{(20)}m_{021}^{(10)}m_{112}^{(21)} - 2m_{200}^{(20)}m_{021}^{(10)}m_{103}^{(11)}\\
&-m_{200}^{(20)}m_{021}^{(10)}m_{022}^{(20)} + m_{200}^{(20)}m_{021}^{(10)}m_{013}^{(10)} + m_{200}^{(20)}m_{021}^{(11)}m_{211}^{(22)} - 2m_{200}^{(20)}m_{021}^{(11)}m_{202}^{(21)}\\
&+2m_{200}^{(20)}m_{021}^{(11)}m_{103}^{(10)} - m_{200}^{(20)}m_{021}^{(11)}m_{013}^{(00)} - m_{200}^{(20)}m_{021}^{(20)}m_{130}^{(22)} + 4m_{200}^{(20)}m_{021}^{(20)}m_{121}^{(21)}\\
&-3m_{200}^{(20)}m_{021}^{(20)}m_{112}^{(11)} - 2m_{200}^{(20)}m_{021}^{(20)}m_{031}^{(20)} + 2m_{200}^{(20)}m_{021}^{(20)}m_{022}^{(10)} + m_{200}^{(20)}m_{021}^{(21)}m_{220}^{(22)}\\
&-4m_{200}^{(20)}m_{021}^{(21)}m_{211}^{(21)} + 2m_{200}^{(20)}m_{021}^{(21)}m_{202}^{(11)} + 2m_{200}^{(20)}m_{021}^{(21)}m_{121}^{(20)} - m_{200}^{(20)}m_{021}^{(21)}m_{022}^{(00)}\\
&-m_{200}^{(20)}m_{021}^{(22)}m_{220}^{(21)} + 3m_{200}^{(20)}m_{021}^{(22)}m_{211}^{(11)} + m_{200}^{(20)}m_{021}^{(22)}m_{130}^{(20)} - 5m_{200}^{(20)}m_{021}^{(22)}m_{121}^{(10)}\\
&+2m_{200}^{(20)}m_{021}^{(22)}m_{031}^{(00)} + m_{200}^{(20)}m_{012}^{(10)}m_{130}^{(22)} - 4m_{200}^{(20)}m_{012}^{(10)}m_{121}^{(21)} + 3m_{200}^{(20)}m_{012}^{(10)}m_{112}^{(11)}\\
&+2m_{200}^{(20)}m_{012}^{(10)}m_{031}^{(20)} - 2m_{200}^{(20)}m_{012}^{(10)}m_{022}^{(10)} - m_{200}^{(20)}m_{012}^{(11)}m_{220}^{(22)} + 3m_{200}^{(20)}m_{012}^{(11)}m_{211}^{(21)}\\
&-m_{200}^{(20)}m_{012}^{(11)}m_{121}^{(20)} - 3m_{200}^{(20)}m_{012}^{(11)}m_{112}^{(10)} + 2m_{200}^{(20)}m_{012}^{(11)}m_{022}^{(00)} - m_{200}^{(20)}m_{012}^{(20)}m_{130}^{(21)}\\
&+m_{200}^{(20)}m_{012}^{(20)}m_{121}^{(11)} + m_{200}^{(20)}m_{012}^{(20)}m_{040}^{(20)} - m_{200}^{(20)}m_{012}^{(20)}m_{031}^{(10)} + 2m_{200}^{(20)}m_{012}^{(21)}m_{220}^{(21)}\\
&-3m_{200}^{(20)}m_{012}^{(21)}m_{211}^{(11)} - 2m_{200}^{(20)}m_{012}^{(21)}m_{130}^{(20)} + 4m_{200}^{(20)}m_{012}^{(21)}m_{121}^{(10)} - m_{200}^{(20)}m_{012}^{(21)}m_{031}^{(00)}\\
&-m_{200}^{(20)}m_{012}^{(22)}m_{220}^{(11)} + 2m_{200}^{(20)}m_{012}^{(22)}m_{130}^{(10)} - m_{200}^{(20)}m_{012}^{(22)}m_{040}^{(00)} + m_{200}^{(20)}m_{003}^{(10)}m_{130}^{(21)}\\
&-m_{200}^{(20)}m_{003}^{(10)}m_{121}^{(11)} - m_{200}^{(20)}m_{003}^{(10)}m_{040}^{(20)} + m_{200}^{(20)}m_{003}^{(10)}m_{031}^{(10)} - m_{200}^{(20)}m_{003}^{(11)}m_{220}^{(21)}\\
&+m_{200}^{(20)}m_{003}^{(11)}m_{130}^{(20)} + m_{200}^{(20)}m_{003}^{(11)}m_{121}^{(10)} - m_{200}^{(20)}m_{003}^{(11)}m_{031}^{(00)} + m_{200}^{(20)}m_{003}^{(21)}m_{220}^{(11)}\\
&-2m_{200}^{(20)}m_{003}^{(21)}m_{130}^{(10)} + m_{200}^{(20)}m_{003}^{(21)}m_{040}^{(00)} + m_{200}^{(21)}m_{120}^{(20)}m_{121}^{(22)} - m_{200}^{(21)}m_{120}^{(20)}m_{103}^{(11)}\\
&-2m_{200}^{(21)}m_{120}^{(20)}m_{022}^{(20)} + 2m_{200}^{(21)}m_{120}^{(20)}m_{013}^{(10)} - m_{200}^{(21)}m_{120}^{(21)}m_{211}^{(22)} - m_{200}^{(21)}m_{120}^{(21)}m_{202}^{(21)}\\
&+3m_{200}^{(21)}m_{120}^{(21)}m_{112}^{(20)} + m_{200}^{(21)}m_{120}^{(21)}m_{103}^{(10)} - 2m_{200}^{(21)}m_{120}^{(21)}m_{013}^{(00)} + m_{200}^{(21)}m_{120}^{(22)}m_{211}^{(21)}\\
&+m_{200}^{(21)}m_{120}^{(22)}m_{202}^{(11)} - m_{200}^{(21)}m_{120}^{(22)}m_{121}^{(20)} - 3m_{200}^{(21)}m_{120}^{(22)}m_{112}^{(10)} + 2m_{200}^{(21)}m_{120}^{(22)}m_{022}^{(00)}\\
&-m_{200}^{(21)}m_{111}^{(10)}m_{121}^{(22)} + m_{200}^{(21)}m_{111}^{(10)}m_{103}^{(11)} + 2m_{200}^{(21)}m_{111}^{(10)}m_{022}^{(20)} - 2m_{200}^{(21)}m_{111}^{(10)}m_{013}^{(10)}\\
&+m_{200}^{(21)}m_{111}^{(11)}m_{211}^{(22)} + m_{200}^{(21)}m_{111}^{(11)}m_{202}^{(21)} - 3m_{200}^{(21)}m_{111}^{(11)}m_{112}^{(20)} - m_{200}^{(21)}m_{111}^{(11)}m_{103}^{(10)}\\
&+2m_{200}^{(21)}m_{111}^{(11)}m_{013}^{(00)} - m_{200}^{(21)}m_{111}^{(20)}m_{130}^{(22)} + m_{200}^{(21)}m_{111}^{(20)}m_{112}^{(11)} + 2m_{200}^{(21)}m_{111}^{(20)}m_{031}^{(20)}\\
&-2m_{200}^{(21)}m_{111}^{(20)}m_{022}^{(10)} + m_{200}^{(21)}m_{111}^{(21)}m_{220}^{(22)} - m_{200}^{(21)}m_{111}^{(21)}m_{202}^{(11)} - 2m_{200}^{(21)}m_{111}^{(21)}m_{121}^{(20)}\\
&+2m_{200}^{(21)}m_{111}^{(21)}m_{112}^{(10)} - m_{200}^{(21)}m_{111}^{(22)}m_{220}^{(21)} - m_{200}^{(21)}m_{111}^{(22)}m_{211}^{(11)} + m_{200}^{(21)}m_{111}^{(22)}m_{130}^{(20)}\\
&+3m_{200}^{(21)}m_{111}^{(22)}m_{121}^{(10)} - 2m_{200}^{(21)}m_{111}^{(22)}m_{031}^{(00)} + m_{200}^{(21)}m_{102}^{(10)}m_{130}^{(22)} - m_{200}^{(21)}m_{102}^{(10)}m_{112}^{(11)}\\
&-2m_{200}^{(21)}m_{102}^{(10)}m_{031}^{(20)} + 2m_{200}^{(21)}m_{102}^{(10)}m_{022}^{(10)} - m_{200}^{(21)}m_{102}^{(11)}m_{220}^{(22)} - m_{200}^{(21)}m_{102}^{(11)}m_{211}^{(21)}\\
&+3m_{200}^{(21)}m_{102}^{(11)}m_{121}^{(20)} + m_{200}^{(21)}m_{102}^{(11)}m_{112}^{(10)} - 2m_{200}^{(21)}m_{102}^{(11)}m_{022}^{(00)} + m_{200}^{(21)}m_{102}^{(21)}m_{220}^{(21)}\\
&+m_{200}^{(21)}m_{102}^{(21)}m_{211}^{(11)} - m_{200}^{(21)}m_{102}^{(21)}m_{130}^{(20)} - 3m_{200}^{(21)}m_{102}^{(21)}m_{121}^{(10)} + 2m_{200}^{(21)}m_{102}^{(21)}m_{031}^{(00)}\\
&-m_{200}^{(21)}m_{030}^{(20)}m_{211}^{(22)} + m_{200}^{(21)}m_{030}^{(20)}m_{202}^{(21)} + m_{200}^{(21)}m_{030}^{(20)}m_{112}^{(20)} - m_{200}^{(21)}m_{030}^{(20)}m_{103}^{(10)}\\
&+m_{200}^{(21)}m_{030}^{(21)}m_{301}^{(22)} - 2m_{200}^{(21)}m_{030}^{(21)}m_{202}^{(20)} + m_{200}^{(21)}m_{030}^{(21)}m_{103}^{(00)} - m_{200}^{(21)}m_{030}^{(22)}m_{301}^{(21)}\\
&+m_{200}^{(21)}m_{030}^{(22)}m_{211}^{(20)} + m_{200}^{(21)}m_{030}^{(22)}m_{202}^{(10)} - m_{200}^{(21)}m_{030}^{(22)}m_{112}^{(00)} + m_{200}^{(21)}m_{021}^{(10)}m_{211}^{(22)}\\
&-m_{200}^{(21)}m_{021}^{(10)}m_{202}^{(21)} - m_{200}^{(21)}m_{021}^{(10)}m_{112}^{(20)} + m_{200}^{(21)}m_{021}^{(10)}m_{103}^{(10)} - m_{200}^{(21)}m_{021}^{(11)}m_{301}^{(22)}\\
&+2m_{200}^{(21)}m_{021}^{(11)}m_{202}^{(20)} - m_{200}^{(21)}m_{021}^{(11)}m_{103}^{(00)} + m_{200}^{(21)}m_{021}^{(20)}m_{220}^{(22)} - 2m_{200}^{(21)}m_{021}^{(20)}m_{211}^{(21)}\\
&+m_{200}^{(21)}m_{021}^{(20)}m_{202}^{(11)} - m_{200}^{(21)}m_{021}^{(21)}m_{310}^{(22)} + 2m_{200}^{(21)}m_{021}^{(21)}m_{301}^{(21)} - 2m_{200}^{(21)}m_{021}^{(21)}m_{202}^{(10)}\\
&+m_{200}^{(21)}m_{021}^{(21)}m_{112}^{(00)} + m_{200}^{(21)}m_{021}^{(22)}m_{310}^{(21)} - m_{200}^{(21)}m_{021}^{(22)}m_{301}^{(11)} - m_{200}^{(21)}m_{021}^{(22)}m_{220}^{(20)}\\
&+m_{200}^{(21)}m_{021}^{(22)}m_{211}^{(10)} - m_{200}^{(21)}m_{012}^{(10)}m_{220}^{(22)} + 2m_{200}^{(21)}m_{012}^{(10)}m_{211}^{(21)} - m_{200}^{(21)}m_{012}^{(10)}m_{202}^{(11)}\\
&+m_{200}^{(21)}m_{012}^{(11)}m_{310}^{(22)} - m_{200}^{(21)}m_{012}^{(11)}m_{301}^{(21)} - m_{200}^{(21)}m_{012}^{(11)}m_{211}^{(20)} + m_{200}^{(21)}m_{012}^{(11)}m_{202}^{(10)}\\
&+m_{200}^{(21)}m_{012}^{(20)}m_{220}^{(21)} - m_{200}^{(21)}m_{012}^{(20)}m_{211}^{(11)} - m_{200}^{(21)}m_{012}^{(20)}m_{130}^{(20)} + m_{200}^{(21)}m_{012}^{(20)}m_{121}^{(10)}\\
&-2m_{200}^{(21)}m_{012}^{(21)}m_{310}^{(21)} + m_{200}^{(21)}m_{012}^{(21)}m_{301}^{(11)} + 2m_{200}^{(21)}m_{012}^{(21)}m_{220}^{(20)} - m_{200}^{(21)}m_{012}^{(21)}m_{121}^{(00)}
\end{aligned}
$$

$$+m_{200}^{(21)}m_{012}^{(22)}m_{310}^{(11)}-2m_{200}^{(21)}m_{012}^{(22)}m_{220}^{(10)}+m_{200}^{(21)}m_{012}^{(22)}m_{130}^{(00)}-m_{200}^{(21)}m_{003}^{(10)}m_{220}^{(21)}$$
$$+m_{200}^{(21)}m_{003}^{(10)}m_{211}^{(11)}+m_{200}^{(21)}m_{003}^{(10)}m_{130}^{(20)}-m_{200}^{(21)}m_{003}^{(10)}m_{121}^{(10)}+m_{200}^{(21)}m_{003}^{(11)}m_{310}^{(21)}$$
$$-m_{200}^{(21)}m_{003}^{(11)}m_{220}^{(20)}-m_{200}^{(21)}m_{003}^{(11)}m_{211}^{(10)}+m_{200}^{(21)}m_{003}^{(11)}m_{121}^{(00)}-m_{200}^{(21)}m_{003}^{(21)}m_{310}^{(11)}$$
$$+2m_{200}^{(21)}m_{003}^{(21)}m_{220}^{(10)}-m_{200}^{(21)}m_{003}^{(21)}m_{130}^{(00)}-m_{200}^{(22)}m_{120}^{(20)}m_{121}^{(21)}+m_{200}^{(22)}m_{120}^{(20)}m_{112}^{(11)}$$
$$+m_{200}^{(22)}m_{120}^{(20)}m_{031}^{(20)}-m_{200}^{(22)}m_{120}^{(20)}m_{022}^{(10)}+m_{200}^{(22)}m_{120}^{(21)}m_{211}^{(21)}-m_{200}^{(22)}m_{120}^{(21)}m_{121}^{(20)}$$
$$-m_{200}^{(22)}m_{120}^{(21)}m_{112}^{(10)}+m_{200}^{(22)}m_{120}^{(21)}m_{022}^{(00)}-m_{200}^{(22)}m_{120}^{(22)}m_{211}^{(11)}+2m_{200}^{(22)}m_{120}^{(22)}m_{121}^{(10)}$$
$$-m_{200}^{(22)}m_{120}^{(22)}m_{031}^{(00)}+m_{200}^{(22)}m_{111}^{(10)}m_{121}^{(21)}-m_{200}^{(22)}m_{111}^{(10)}m_{112}^{(11)}-m_{200}^{(22)}m_{111}^{(10)}m_{031}^{(20)}$$
$$+m_{200}^{(22)}m_{111}^{(10)}m_{022}^{(10)}-m_{200}^{(22)}m_{111}^{(11)}m_{211}^{(21)}+m_{200}^{(22)}m_{111}^{(11)}m_{121}^{(20)}+m_{200}^{(22)}m_{111}^{(11)}m_{112}^{(10)}$$
$$-m_{200}^{(22)}m_{111}^{(11)}m_{022}^{(00)}+m_{200}^{(22)}m_{111}^{(20)}m_{130}^{(21)}-m_{200}^{(22)}m_{111}^{(20)}m_{121}^{(11)}-m_{200}^{(22)}m_{111}^{(20)}m_{040}^{(20)}$$
$$+m_{200}^{(22)}m_{111}^{(20)}m_{031}^{(10)}-m_{200}^{(22)}m_{111}^{(21)}m_{220}^{(21)}+m_{200}^{(22)}m_{111}^{(21)}m_{211}^{(11)}+m_{200}^{(22)}m_{111}^{(21)}m_{130}^{(20)}$$
$$-m_{200}^{(22)}m_{111}^{(21)}m_{121}^{(10)}+m_{200}^{(22)}m_{111}^{(22)}m_{220}^{(11)}-2m_{200}^{(22)}m_{111}^{(22)}m_{130}^{(10)}+m_{200}^{(22)}m_{111}^{(22)}m_{040}^{(00)}$$
$$-m_{200}^{(22)}m_{102}^{(10)}m_{130}^{(21)}+m_{200}^{(22)}m_{102}^{(10)}m_{121}^{(11)}+m_{200}^{(22)}m_{102}^{(10)}m_{040}^{(20)}-m_{200}^{(22)}m_{102}^{(10)}m_{031}^{(10)}$$
$$+m_{200}^{(22)}m_{102}^{(11)}m_{220}^{(21)}-m_{200}^{(22)}m_{102}^{(11)}m_{130}^{(20)}-m_{200}^{(22)}m_{102}^{(11)}m_{121}^{(10)}+m_{200}^{(22)}m_{102}^{(11)}m_{031}^{(00)}$$
$$-m_{200}^{(22)}m_{102}^{(21)}m_{220}^{(11)}+2m_{200}^{(22)}m_{102}^{(21)}m_{130}^{(10)}-m_{200}^{(22)}m_{102}^{(21)}m_{040}^{(00)}+m_{200}^{(22)}m_{030}^{(20)}m_{211}^{(21)}$$
$$-m_{200}^{(22)}m_{030}^{(20)}m_{202}^{(11)}-m_{200}^{(22)}m_{030}^{(20)}m_{121}^{(20)}+m_{200}^{(22)}m_{030}^{(20)}m_{112}^{(10)}-m_{200}^{(22)}m_{030}^{(21)}m_{301}^{(21)}$$
$$+m_{200}^{(22)}m_{030}^{(21)}m_{211}^{(20)}+m_{200}^{(22)}m_{030}^{(21)}m_{202}^{(10)}-m_{200}^{(22)}m_{030}^{(21)}m_{112}^{(00)}+m_{200}^{(22)}m_{030}^{(22)}m_{301}^{(11)}$$
$$-2m_{200}^{(22)}m_{030}^{(22)}m_{211}^{(10)}+m_{200}^{(22)}m_{030}^{(22)}m_{121}^{(00)}-m_{200}^{(22)}m_{021}^{(10)}m_{211}^{(21)}+m_{200}^{(22)}m_{021}^{(10)}m_{202}^{(11)}$$
$$+m_{200}^{(22)}m_{021}^{(10)}m_{121}^{(20)}-m_{200}^{(22)}m_{021}^{(10)}m_{112}^{(10)}+m_{200}^{(22)}m_{021}^{(11)}m_{301}^{(21)}-m_{200}^{(22)}m_{021}^{(11)}m_{211}^{(20)}$$
$$-m_{200}^{(22)}m_{021}^{(11)}m_{202}^{(10)}+m_{200}^{(22)}m_{021}^{(11)}m_{112}^{(00)}-m_{200}^{(22)}m_{021}^{(20)}m_{220}^{(21)}+m_{200}^{(22)}m_{021}^{(20)}m_{211}^{(11)}$$
$$+m_{200}^{(22)}m_{021}^{(20)}m_{130}^{(20)}-m_{200}^{(22)}m_{021}^{(20)}m_{121}^{(10)}+m_{200}^{(22)}m_{021}^{(21)}m_{310}^{(21)}-m_{200}^{(22)}m_{021}^{(21)}m_{301}^{(11)}$$
$$-m_{200}^{(22)}m_{021}^{(21)}m_{220}^{(20)}+m_{200}^{(22)}m_{021}^{(21)}m_{211}^{(10)}-m_{200}^{(22)}m_{021}^{(22)}m_{310}^{(11)}+2m_{200}^{(22)}m_{021}^{(22)}m_{220}^{(10)}$$
$$-m_{200}^{(22)}m_{021}^{(22)}m_{130}^{(00)}+m_{200}^{(22)}m_{012}^{(10)}m_{220}^{(21)}-m_{200}^{(22)}m_{012}^{(10)}m_{211}^{(11)}-m_{200}^{(22)}m_{012}^{(10)}m_{130}^{(20)}$$
$$+m_{200}^{(22)}m_{012}^{(10)}m_{121}^{(10)}-m_{200}^{(22)}m_{012}^{(11)}m_{310}^{(21)}+m_{200}^{(22)}m_{012}^{(11)}m_{220}^{(20)}+m_{200}^{(22)}m_{012}^{(11)}m_{211}^{(10)}$$
$$-m_{200}^{(22)}m_{012}^{(11)}m_{121}^{(00)}+m_{200}^{(22)}m_{012}^{(21)}m_{310}^{(11)}-2m_{200}^{(22)}m_{012}^{(21)}m_{220}^{(10)}+m_{200}^{(22)}m_{012}^{(21)}m_{130}^{(00)}$$
$$+2m_{110}^{(00)}m_{120}^{(20)}m_{022}^{(22)}-4m_{110}^{(00)}m_{120}^{(20)}m_{013}^{(21)}+2m_{110}^{(00)}m_{120}^{(20)}m_{004}^{(11)}-2m_{110}^{(00)}m_{120}^{(21)}m_{112}^{(22)}$$
$$+2m_{110}^{(00)}m_{120}^{(21)}m_{103}^{(21)}+2m_{110}^{(00)}m_{120}^{(21)}m_{013}^{(20)}-2m_{110}^{(00)}m_{120}^{(21)}m_{004}^{(10)}+2m_{110}^{(00)}m_{120}^{(22)}m_{112}^{(21)}$$
$$-2m_{110}^{(00)}m_{120}^{(22)}m_{103}^{(11)}-2m_{110}^{(00)}m_{120}^{(22)}m_{022}^{(20)}+2m_{110}^{(00)}m_{120}^{(22)}m_{013}^{(10)}-m_{110}^{(00)}m_{111}^{(22)}m_{022}^{(22)}$$
$$+2m_{110}^{(00)}m_{111}^{(10)}m_{013}^{(21)}-m_{110}^{(00)}m_{111}^{(10)}m_{004}^{(11)}+m_{110}^{(00)}m_{111}^{(11)}m_{112}^{(22)}-m_{110}^{(00)}m_{111}^{(11)}m_{103}^{(21)}$$
$$-m_{110}^{(00)}m_{111}^{(11)}m_{013}^{(20)}+m_{110}^{(00)}m_{111}^{(11)}m_{004}^{(10)}-3m_{110}^{(00)}m_{111}^{(20)}m_{031}^{(22)}+6m_{110}^{(00)}m_{111}^{(20)}m_{022}^{(21)}$$
$$-3m_{110}^{(00)}m_{111}^{(20)}m_{013}^{(11)}+3m_{110}^{(00)}m_{111}^{(21)}m_{121}^{(22)}-4m_{110}^{(00)}m_{111}^{(21)}m_{112}^{(21)}+m_{110}^{(00)}m_{111}^{(21)}m_{103}^{(11)}$$
$$-2m_{110}^{(00)}m_{111}^{(21)}m_{022}^{(20)}+2m_{110}^{(00)}m_{111}^{(21)}m_{013}^{(10)}-3m_{110}^{(00)}m_{111}^{(22)}m_{121}^{(21)}+3m_{110}^{(00)}m_{111}^{(22)}m_{112}^{(11)}$$
$$+3m_{110}^{(00)}m_{111}^{(22)}m_{031}^{(20)}-3m_{110}^{(00)}m_{111}^{(22)}m_{022}^{(10)}+m_{110}^{(00)}m_{102}^{(10)}m_{031}^{(22)}-2m_{110}^{(00)}m_{102}^{(10)}m_{022}^{(21)}$$
$$+m_{110}^{(00)}m_{102}^{(10)}m_{013}^{(11)}-m_{110}^{(00)}m_{102}^{(11)}m_{121}^{(22)}+m_{110}^{(00)}m_{102}^{(11)}m_{112}^{(21)}+m_{110}^{(00)}m_{102}^{(11)}m_{022}^{(20)}$$
$$-m_{110}^{(00)}m_{102}^{(11)}m_{013}^{(10)}+m_{110}^{(00)}m_{102}^{(20)}m_{040}^{(22)}-2m_{110}^{(00)}m_{102}^{(20)}m_{031}^{(21)}+m_{110}^{(00)}m_{102}^{(20)}m_{022}^{(11)}$$
$$-m_{110}^{(00)}m_{102}^{(21)}m_{130}^{(22)}+2m_{110}^{(00)}m_{102}^{(21)}m_{121}^{(21)}-m_{110}^{(00)}m_{102}^{(21)}m_{112}^{(11)}+m_{110}^{(00)}m_{102}^{(22)}m_{130}^{(21)}$$
$$-m_{110}^{(00)}m_{102}^{(22)}m_{121}^{(11)}-m_{110}^{(00)}m_{102}^{(22)}m_{040}^{(20)}+m_{110}^{(00)}m_{102}^{(22)}m_{031}^{(10)}-m_{110}^{(00)}m_{021}^{(00)}m_{022}^{(22)}$$
$$+2m_{110}^{(00)}m_{021}^{(00)}m_{013}^{(21)}-m_{110}^{(00)}m_{021}^{(00)}m_{004}^{(11)}+m_{110}^{(00)}m_{021}^{(10)}m_{112}^{(22)}-m_{110}^{(00)}m_{021}^{(10)}m_{103}^{(21)}$$
$$-m_{110}^{(00)}m_{021}^{(10)}m_{013}^{(20)}+m_{110}^{(00)}m_{021}^{(10)}m_{004}^{(10)}-m_{110}^{(00)}m_{021}^{(20)}m_{121}^{(22)}+m_{110}^{(00)}m_{021}^{(20)}m_{112}^{(21)}$$

$$
\begin{aligned}
&+m_{110}^{(00)}m_{021}^{(20)}m_{022}^{(20)} - m_{110}^{(00)}m_{021}^{(20)}m_{013}^{(10)} + m_{110}^{(00)}m_{021}^{(21)}m_{211}^{(22)} - m_{110}^{(00)}m_{021}^{(21)}m_{202}^{(21)}\\
&-m_{110}^{(00)}m_{021}^{(21)}m_{112}^{(20)} + m_{110}^{(00)}m_{021}^{(21)}m_{103}^{(10)} - m_{110}^{(00)}m_{021}^{(22)}m_{211}^{(21)} + m_{110}^{(00)}m_{021}^{(22)}m_{202}^{(11)}\\
&+m_{110}^{(00)}m_{021}^{(22)}m_{121}^{(20)} - m_{110}^{(00)}m_{021}^{(22)}m_{112}^{(10)} + 2m_{110}^{(00)}m_{012}^{(00)}m_{031}^{(22)} - 4m_{110}^{(00)}m_{012}^{(00)}m_{022}^{(21)}\\
&+2m_{110}^{(00)}m_{012}^{(00)}m_{013}^{(11)} - m_{110}^{(00)}m_{012}^{(10)}m_{121}^{(22)} + m_{110}^{(00)}m_{012}^{(10)}m_{103}^{(11)} + 2m_{110}^{(00)}m_{012}^{(10)}m_{022}^{(20)}\\
&-2m_{110}^{(00)}m_{012}^{(10)}m_{013}^{(10)} - m_{110}^{(00)}m_{012}^{(11)}m_{211}^{(22)} + m_{110}^{(00)}m_{012}^{(11)}m_{202}^{(21)} + m_{110}^{(00)}m_{012}^{(11)}m_{112}^{(20)}\\
&-m_{110}^{(00)}m_{012}^{(11)}m_{103}^{(10)} + m_{110}^{(00)}m_{012}^{(20)}m_{130}^{(22)} - m_{110}^{(00)}m_{012}^{(20)}m_{112}^{(11)} - 2m_{110}^{(00)}m_{012}^{(20)}m_{031}^{(20)}\\
&+2m_{110}^{(00)}m_{012}^{(20)}m_{022}^{(10)} - m_{110}^{(00)}m_{012}^{(21)}m_{220}^{(22)} + 2m_{110}^{(00)}m_{012}^{(21)}m_{211}^{(21)} - m_{110}^{(00)}m_{012}^{(21)}m_{202}^{(11)}\\
&+m_{110}^{(00)}m_{012}^{(22)}m_{220}^{(21)} - m_{110}^{(00)}m_{012}^{(22)}m_{211}^{(11)} - m_{110}^{(00)}m_{012}^{(22)}m_{130}^{(20)} + m_{110}^{(00)}m_{012}^{(22)}m_{121}^{(10)}\\
&-m_{110}^{(00)}m_{003}^{(00)}m_{040}^{(22)} + 2m_{110}^{(00)}m_{003}^{(00)}m_{031}^{(21)} - m_{110}^{(00)}m_{003}^{(00)}m_{022}^{(11)} + m_{110}^{(00)}m_{003}^{(10)}m_{121}^{(21)}\\
&-m_{110}^{(00)}m_{003}^{(10)}m_{112}^{(11)} - m_{110}^{(00)}m_{003}^{(10)}m_{031}^{(20)} + m_{110}^{(00)}m_{003}^{(10)}m_{022}^{(10)} + m_{110}^{(00)}m_{003}^{(11)}m_{220}^{(22)}\\
&-m_{110}^{(00)}m_{003}^{(11)}m_{211}^{(21)} - m_{110}^{(00)}m_{003}^{(11)}m_{121}^{(20)} + m_{110}^{(00)}m_{003}^{(11)}m_{112}^{(10)} - m_{110}^{(00)}m_{003}^{(20)}m_{130}^{(21)}\\
&+m_{110}^{(00)}m_{003}^{(20)}m_{121}^{(11)} + m_{110}^{(00)}m_{003}^{(20)}m_{040}^{(20)} - m_{110}^{(00)}m_{003}^{(20)}m_{031}^{(10)} - m_{110}^{(00)}m_{003}^{(21)}m_{220}^{(21)}\\
&+m_{110}^{(00)}m_{003}^{(21)}m_{211}^{(11)} + m_{110}^{(00)}m_{003}^{(21)}m_{130}^{(20)} - m_{110}^{(00)}m_{003}^{(21)}m_{121}^{(10)} - 2m_{110}^{(10)}m_{210}^{(20)}m_{022}^{(22)}\\
&+4m_{110}^{(10)}m_{210}^{(20)}m_{013}^{(21)} - 2m_{110}^{(10)}m_{210}^{(20)}m_{004}^{(11)} + 2m_{110}^{(10)}m_{210}^{(21)}m_{112}^{(22)} - 2m_{110}^{(10)}m_{210}^{(21)}m_{103}^{(21)}\\
&-2m_{110}^{(10)}m_{210}^{(21)}m_{013}^{(20)} + 2m_{110}^{(10)}m_{210}^{(21)}m_{004}^{(10)} - 2m_{110}^{(10)}m_{210}^{(22)}m_{112}^{(21)} + 2m_{110}^{(10)}m_{210}^{(22)}m_{103}^{(11)}\\
&+2m_{110}^{(10)}m_{210}^{(22)}m_{022}^{(20)} - 2m_{110}^{(10)}m_{210}^{(22)}m_{013}^{(10)} + m_{110}^{(10)}m_{201}^{(10)}m_{022}^{(22)} - 2m_{110}^{(10)}m_{201}^{(10)}m_{013}^{(21)}\\
&+m_{110}^{(10)}m_{201}^{(10)}m_{004}^{(11)} - m_{110}^{(10)}m_{201}^{(11)}m_{112}^{(22)} + m_{110}^{(10)}m_{201}^{(11)}m_{103}^{(21)} + m_{110}^{(10)}m_{201}^{(11)}m_{013}^{(20)}\\
&-m_{110}^{(10)}m_{201}^{(11)}m_{004}^{(10)} + m_{110}^{(10)}m_{201}^{(20)}m_{031}^{(22)} - 2m_{110}^{(10)}m_{201}^{(20)}m_{022}^{(21)} + m_{110}^{(10)}m_{201}^{(20)}m_{013}^{(11)}\\
&-m_{110}^{(10)}m_{201}^{(21)}m_{121}^{(22)} + 2m_{110}^{(10)}m_{201}^{(21)}m_{112}^{(21)} - m_{110}^{(10)}m_{201}^{(21)}m_{103}^{(11)} + m_{110}^{(10)}m_{201}^{(22)}m_{121}^{(21)}\\
&-m_{110}^{(10)}m_{201}^{(22)}m_{112}^{(11)} - m_{110}^{(10)}m_{201}^{(22)}m_{031}^{(20)} + m_{110}^{(10)}m_{201}^{(22)}m_{022}^{(10)} - 2m_{110}^{(10)}m_{120}^{(20)}m_{112}^{(22)}\\
&+2m_{110}^{(10)}m_{120}^{(20)}m_{103}^{(21)} + 2m_{110}^{(10)}m_{120}^{(20)}m_{013}^{(20)} - 2m_{110}^{(10)}m_{120}^{(20)}m_{004}^{(10)} + 2m_{110}^{(10)}m_{120}^{(21)}m_{202}^{(22)}\\
&-4m_{110}^{(10)}m_{120}^{(21)}m_{103}^{(20)} + 2m_{110}^{(10)}m_{120}^{(21)}m_{004}^{(00)} - 2m_{110}^{(10)}m_{120}^{(22)}m_{202}^{(21)} + 2m_{110}^{(10)}m_{120}^{(22)}m_{112}^{(20)}\\
&+2m_{110}^{(10)}m_{120}^{(22)}m_{103}^{(10)} - 2m_{110}^{(10)}m_{120}^{(22)}m_{013}^{(00)} + m_{110}^{(10)}m_{111}^{(00)}m_{022}^{(22)} - 2m_{110}^{(10)}m_{111}^{(00)}m_{013}^{(21)}\\
&+m_{110}^{(10)}m_{111}^{(00)}m_{004}^{(11)} - m_{110}^{(10)}m_{111}^{(11)}m_{202}^{(22)} + 2m_{110}^{(10)}m_{111}^{(11)}m_{103}^{(20)} - m_{110}^{(10)}m_{111}^{(11)}m_{004}^{(00)}\\
&+6m_{110}^{(10)}m_{111}^{(20)}m_{121}^{(22)} - 8m_{110}^{(10)}m_{111}^{(20)}m_{112}^{(21)} + 2m_{110}^{(10)}m_{111}^{(20)}m_{103}^{(11)} - 4m_{110}^{(10)}m_{111}^{(20)}m_{022}^{(20)}\\
&+4m_{110}^{(10)}m_{111}^{(20)}m_{013}^{(10)} - 6m_{110}^{(10)}m_{111}^{(21)}m_{211}^{(22)} + 4m_{110}^{(10)}m_{111}^{(21)}m_{202}^{(21)} + 8m_{110}^{(10)}m_{111}^{(21)}m_{112}^{(20)}\\
&-4m_{110}^{(10)}m_{111}^{(21)}m_{103}^{(10)} - 2m_{110}^{(10)}m_{111}^{(21)}m_{013}^{(00)} + 6m_{110}^{(10)}m_{111}^{(22)}m_{211}^{(21)} - 3m_{110}^{(10)}m_{111}^{(22)}m_{202}^{(11)}\\
&-6m_{110}^{(10)}m_{111}^{(22)}m_{121}^{(20)} + 3m_{110}^{(10)}m_{111}^{(22)}m_{022}^{(00)} - m_{110}^{(10)}m_{102}^{(00)}m_{031}^{(22)} + 2m_{110}^{(10)}m_{102}^{(00)}m_{022}^{(21)}\\
&-m_{110}^{(10)}m_{102}^{(00)}m_{013}^{(11)} - 2m_{110}^{(10)}m_{102}^{(10)}m_{121}^{(22)} + 4m_{110}^{(10)}m_{102}^{(10)}m_{112}^{(21)} - 2m_{110}^{(10)}m_{102}^{(10)}m_{103}^{(11)}\\
&+3m_{110}^{(10)}m_{102}^{(11)}m_{211}^{(22)} - 2m_{110}^{(10)}m_{102}^{(11)}m_{202}^{(21)} - 4m_{110}^{(10)}m_{102}^{(11)}m_{112}^{(20)} + 2m_{110}^{(10)}m_{102}^{(11)}m_{103}^{(10)}\\
&+m_{110}^{(10)}m_{102}^{(11)}m_{013}^{(00)} - 2m_{110}^{(10)}m_{102}^{(20)}m_{130}^{(22)} + 2m_{110}^{(10)}m_{102}^{(20)}m_{121}^{(21)} + 2m_{110}^{(10)}m_{102}^{(20)}m_{031}^{(20)}\\
&-2m_{110}^{(10)}m_{102}^{(20)}m_{022}^{(10)} + 2m_{110}^{(10)}m_{102}^{(21)}m_{220}^{(22)} - 4m_{110}^{(10)}m_{102}^{(21)}m_{211}^{(21)} + 2m_{110}^{(10)}m_{102}^{(21)}m_{202}^{(11)}\\
&-2m_{110}^{(10)}m_{102}^{(22)}m_{220}^{(21)} + m_{110}^{(10)}m_{102}^{(22)}m_{211}^{(11)} + 2m_{110}^{(10)}m_{102}^{(22)}m_{130}^{(20)} - m_{110}^{(10)}m_{102}^{(22)}m_{031}^{(00)}\\
&+m_{110}^{(10)}m_{021}^{(00)}m_{112}^{(22)} - m_{110}^{(10)}m_{021}^{(00)}m_{103}^{(21)} - m_{110}^{(10)}m_{021}^{(00)}m_{013}^{(20)} + m_{110}^{(10)}m_{021}^{(00)}m_{004}^{(10)}\\
&-m_{110}^{(10)}m_{021}^{(10)}m_{202}^{(22)} + 2m_{110}^{(10)}m_{021}^{(10)}m_{103}^{(20)} - m_{110}^{(10)}m_{021}^{(10)}m_{004}^{(00)} + m_{110}^{(10)}m_{021}^{(20)}m_{211}^{(22)}\\
&-2m_{110}^{(10)}m_{021}^{(20)}m_{112}^{(20)} + m_{110}^{(10)}m_{021}^{(20)}m_{013}^{(00)} - m_{110}^{(10)}m_{021}^{(21)}m_{301}^{(22)} + 2m_{110}^{(10)}m_{021}^{(21)}m_{202}^{(20)}\\
&-m_{110}^{(10)}m_{021}^{(21)}m_{103}^{(00)} + m_{110}^{(10)}m_{021}^{(22)}m_{301}^{(21)} - m_{110}^{(10)}m_{021}^{(22)}m_{211}^{(20)} - m_{110}^{(10)}m_{021}^{(22)}m_{202}^{(10)}\\
&+m_{110}^{(10)}m_{021}^{(22)}m_{112}^{(00)} - 3m_{110}^{(10)}m_{012}^{(00)}m_{121}^{(22)} + 4m_{110}^{(10)}m_{012}^{(00)}m_{112}^{(21)} - m_{110}^{(10)}m_{012}^{(00)}m_{103}^{(11)}
\end{aligned}
$$

$$+2m_{110}^{(10)}m_{012}^{(00)}m_{022}^{(20)} - 2m_{110}^{(10)}m_{012}^{(00)}m_{013}^{(10)} + 2m_{110}^{(10)}m_{012}^{(10)}m_{211}^{(22)} - 4m_{110}^{(10)}m_{012}^{(10)}m_{112}^{(20)}$$
$$+2m_{110}^{(10)}m_{012}^{(10)}m_{013}^{(00)} + m_{110}^{(10)}m_{012}^{(11)}m_{301}^{(22)} - 2m_{110}^{(10)}m_{012}^{(11)}m_{202}^{(20)} + m_{110}^{(10)}m_{012}^{(11)}m_{103}^{(00)}$$
$$-2m_{110}^{(10)}m_{012}^{(20)}m_{220}^{(22)} + 4m_{110}^{(10)}m_{012}^{(20)}m_{121}^{(20)} - 2m_{110}^{(10)}m_{012}^{(20)}m_{022}^{(00)} + 2m_{110}^{(10)}m_{012}^{(21)}m_{310}^{(22)}$$
$$-2m_{110}^{(10)}m_{012}^{(21)}m_{301}^{(21)} - 2m_{110}^{(10)}m_{012}^{(21)}m_{211}^{(20)} + 2m_{110}^{(10)}m_{012}^{(21)}m_{202}^{(10)} - 2m_{110}^{(10)}m_{012}^{(22)}m_{310}^{(21)}$$
$$+m_{110}^{(10)}m_{012}^{(22)}m_{301}^{(11)} + 2m_{110}^{(10)}m_{012}^{(22)}m_{220}^{(20)} - m_{110}^{(10)}m_{012}^{(22)}m_{121}^{(00)} + 2m_{110}^{(10)}m_{003}^{(00)}m_{130}^{(22)}$$
$$-3m_{110}^{(10)}m_{003}^{(00)}m_{121}^{(21)} + m_{110}^{(10)}m_{003}^{(00)}m_{112}^{(11)} - m_{110}^{(10)}m_{003}^{(00)}m_{031}^{(20)} + m_{110}^{(10)}m_{003}^{(00)}m_{022}^{(10)}$$
$$-2m_{110}^{(10)}m_{003}^{(10)}m_{211}^{(21)} + m_{110}^{(10)}m_{003}^{(10)}m_{202}^{(11)} + 2m_{110}^{(10)}m_{003}^{(10)}m_{121}^{(20)} - m_{110}^{(10)}m_{003}^{(10)}m_{022}^{(00)}$$
$$-2m_{110}^{(10)}m_{003}^{(11)}m_{310}^{(22)} + m_{110}^{(10)}m_{003}^{(11)}m_{301}^{(21)} + 3m_{110}^{(10)}m_{003}^{(11)}m_{211}^{(20)} - m_{110}^{(10)}m_{003}^{(11)}m_{202}^{(10)}$$
$$-m_{110}^{(10)}m_{003}^{(11)}m_{112}^{(00)} + 2m_{110}^{(10)}m_{003}^{(20)}m_{220}^{(21)} - m_{110}^{(10)}m_{003}^{(20)}m_{211}^{(11)} - 2m_{110}^{(10)}m_{003}^{(20)}m_{130}^{(20)}$$
$$+m_{110}^{(10)}m_{003}^{(20)}m_{031}^{(00)} + 2m_{110}^{(10)}m_{003}^{(21)}m_{310}^{(21)} - m_{110}^{(10)}m_{003}^{(21)}m_{301}^{(11)} - 2m_{110}^{(10)}m_{003}^{(21)}m_{220}^{(20)}$$
$$+m_{110}^{(10)}m_{003}^{(21)}m_{121}^{(00)} + 2m_{110}^{(11)}m_{210}^{(20)}m_{112}^{(22)} - 2m_{110}^{(11)}m_{210}^{(20)}m_{103}^{(21)} - 2m_{110}^{(11)}m_{210}^{(20)}m_{013}^{(20)}$$
$$+2m_{110}^{(11)}m_{210}^{(20)}m_{004}^{(10)} - 2m_{110}^{(11)}m_{210}^{(21)}m_{202}^{(22)} + 4m_{110}^{(11)}m_{210}^{(21)}m_{103}^{(20)} - 2m_{110}^{(11)}m_{210}^{(21)}m_{004}^{(00)}$$
$$+2m_{110}^{(11)}m_{210}^{(22)}m_{202}^{(21)} - 2m_{110}^{(11)}m_{210}^{(22)}m_{112}^{(20)} - 2m_{110}^{(11)}m_{210}^{(22)}m_{103}^{(10)} + 2m_{110}^{(11)}m_{210}^{(22)}m_{013}^{(00)}$$
$$-m_{110}^{(11)}m_{201}^{(10)}m_{112}^{(22)} + m_{110}^{(11)}m_{201}^{(10)}m_{103}^{(21)} + m_{110}^{(11)}m_{201}^{(10)}m_{013}^{(20)} - m_{110}^{(11)}m_{201}^{(10)}m_{004}^{(10)}$$
$$+m_{110}^{(11)}m_{201}^{(11)}m_{202}^{(22)} - 2m_{110}^{(11)}m_{201}^{(11)}m_{103}^{(20)} + m_{110}^{(11)}m_{201}^{(11)}m_{004}^{(00)} - m_{110}^{(11)}m_{201}^{(20)}m_{121}^{(22)}$$
$$+m_{110}^{(11)}m_{201}^{(20)}m_{112}^{(21)} + m_{110}^{(11)}m_{201}^{(20)}m_{022}^{(20)} - m_{110}^{(11)}m_{201}^{(20)}m_{013}^{(10)} + m_{110}^{(11)}m_{201}^{(21)}m_{211}^{(22)}$$
$$-m_{110}^{(11)}m_{201}^{(21)}m_{202}^{(21)} - m_{110}^{(11)}m_{201}^{(21)}m_{112}^{(20)} + m_{110}^{(11)}m_{201}^{(21)}m_{103}^{(10)} - m_{110}^{(11)}m_{201}^{(22)}m_{211}^{(21)}$$
$$+m_{110}^{(11)}m_{201}^{(22)}m_{121}^{(20)} + m_{110}^{(11)}m_{201}^{(22)}m_{112}^{(10)} - m_{110}^{(11)}m_{201}^{(22)}m_{022}^{(00)} - m_{110}^{(11)}m_{111}^{(00)}m_{112}^{(22)}$$
$$+m_{110}^{(11)}m_{111}^{(00)}m_{103}^{(21)} + m_{110}^{(11)}m_{111}^{(00)}m_{013}^{(20)} - m_{110}^{(11)}m_{111}^{(00)}m_{004}^{(10)} + m_{110}^{(11)}m_{111}^{(10)}m_{202}^{(22)}$$
$$-2m_{110}^{(11)}m_{111}^{(10)}m_{103}^{(20)} + m_{110}^{(11)}m_{111}^{(10)}m_{004}^{(00)} - 3m_{110}^{(11)}m_{111}^{(20)}m_{211}^{(22)} + 2m_{110}^{(11)}m_{111}^{(20)}m_{202}^{(21)}$$
$$+4m_{110}^{(11)}m_{111}^{(20)}m_{112}^{(20)} - 2m_{110}^{(11)}m_{111}^{(20)}m_{103}^{(10)} - m_{110}^{(11)}m_{111}^{(20)}m_{013}^{(00)} + 3m_{110}^{(11)}m_{111}^{(21)}m_{301}^{(22)}$$
$$-6m_{110}^{(11)}m_{111}^{(21)}m_{202}^{(20)} + 3m_{110}^{(11)}m_{111}^{(21)}m_{103}^{(00)} - 3m_{110}^{(11)}m_{111}^{(22)}m_{301}^{(21)} + 3m_{110}^{(11)}m_{111}^{(22)}m_{211}^{(20)}$$
$$+3m_{110}^{(11)}m_{111}^{(22)}m_{202}^{(10)} - 3m_{110}^{(11)}m_{111}^{(22)}m_{112}^{(00)} + m_{110}^{(11)}m_{102}^{(00)}m_{121}^{(22)} - m_{110}^{(11)}m_{102}^{(00)}m_{112}^{(21)}$$
$$-m_{110}^{(11)}m_{102}^{(00)}m_{022}^{(20)} + m_{110}^{(11)}m_{102}^{(00)}m_{013}^{(10)} + m_{110}^{(11)}m_{102}^{(10)}m_{211}^{(22)} - 2m_{110}^{(11)}m_{102}^{(10)}m_{202}^{(21)}$$
$$+2m_{110}^{(11)}m_{102}^{(10)}m_{103}^{(10)} - m_{110}^{(11)}m_{102}^{(10)}m_{013}^{(00)} - 2m_{110}^{(11)}m_{102}^{(11)}m_{301}^{(22)} + 4m_{110}^{(11)}m_{102}^{(11)}m_{202}^{(20)}$$
$$-2m_{110}^{(11)}m_{102}^{(11)}m_{103}^{(00)} + m_{110}^{(11)}m_{102}^{(20)}m_{220}^{(22)} - 2m_{110}^{(11)}m_{102}^{(20)}m_{121}^{(20)} + m_{110}^{(11)}m_{102}^{(20)}m_{022}^{(00)}$$
$$-m_{110}^{(11)}m_{102}^{(21)}m_{310}^{(22)} + 2m_{110}^{(11)}m_{102}^{(21)}m_{301}^{(21)} - 2m_{110}^{(11)}m_{102}^{(21)}m_{202}^{(10)} + m_{110}^{(11)}m_{102}^{(21)}m_{112}^{(00)}$$
$$+m_{110}^{(11)}m_{102}^{(22)}m_{310}^{(21)} - m_{110}^{(11)}m_{102}^{(22)}m_{220}^{(20)} - m_{110}^{(11)}m_{102}^{(22)}m_{211}^{(10)} + m_{110}^{(11)}m_{102}^{(22)}m_{121}^{(00)}$$
$$+m_{110}^{(11)}m_{012}^{(00)}m_{211}^{(22)} - m_{110}^{(11)}m_{012}^{(00)}m_{202}^{(21)} - m_{110}^{(11)}m_{012}^{(00)}m_{112}^{(20)} + m_{110}^{(11)}m_{012}^{(00)}m_{103}^{(10)}$$
$$-m_{110}^{(11)}m_{012}^{(10)}m_{301}^{(22)} + 2m_{110}^{(11)}m_{012}^{(10)}m_{202}^{(20)} - m_{110}^{(11)}m_{012}^{(10)}m_{103}^{(00)} + m_{110}^{(11)}m_{012}^{(20)}m_{310}^{(22)}$$
$$-2m_{110}^{(11)}m_{012}^{(20)}m_{211}^{(20)} + m_{110}^{(11)}m_{012}^{(20)}m_{112}^{(00)} - m_{110}^{(11)}m_{012}^{(21)}m_{400}^{(22)} + 2m_{110}^{(11)}m_{012}^{(21)}m_{301}^{(20)}$$
$$-m_{110}^{(11)}m_{012}^{(21)}m_{202}^{(00)} + m_{110}^{(11)}m_{012}^{(22)}m_{400}^{(21)} - m_{110}^{(11)}m_{012}^{(22)}m_{310}^{(20)} - m_{110}^{(11)}m_{012}^{(22)}m_{301}^{(10)}$$
$$+m_{110}^{(11)}m_{012}^{(22)}m_{211}^{(00)} - m_{110}^{(11)}m_{003}^{(00)}m_{220}^{(22)} + m_{110}^{(11)}m_{003}^{(00)}m_{211}^{(21)} + m_{110}^{(11)}m_{003}^{(00)}m_{121}^{(20)}$$
$$-m_{110}^{(11)}m_{003}^{(00)}m_{112}^{(10)} + m_{110}^{(11)}m_{003}^{(10)}m_{301}^{(21)} - m_{110}^{(11)}m_{003}^{(10)}m_{211}^{(20)} - m_{110}^{(11)}m_{003}^{(10)}m_{202}^{(10)}$$
$$+m_{110}^{(11)}m_{003}^{(10)}m_{112}^{(00)} + m_{110}^{(11)}m_{003}^{(11)}m_{400}^{(22)} - 2m_{110}^{(11)}m_{003}^{(11)}m_{301}^{(20)} + m_{110}^{(11)}m_{003}^{(11)}m_{202}^{(00)}$$
$$-m_{110}^{(11)}m_{003}^{(20)}m_{310}^{(21)} + m_{110}^{(11)}m_{003}^{(20)}m_{220}^{(20)} + m_{110}^{(11)}m_{003}^{(20)}m_{211}^{(10)} - m_{110}^{(11)}m_{003}^{(20)}m_{121}^{(00)}$$
$$-m_{110}^{(11)}m_{003}^{(21)}m_{400}^{(21)} + m_{110}^{(11)}m_{003}^{(21)}m_{310}^{(20)} + m_{110}^{(11)}m_{003}^{(21)}m_{301}^{(10)} - m_{110}^{(11)}m_{003}^{(21)}m_{211}^{(00)}$$
$$+2m_{110}^{(20)}m_{210}^{(20)}m_{031}^{(22)} - 4m_{110}^{(20)}m_{210}^{(20)}m_{022}^{(21)} + 2m_{110}^{(20)}m_{210}^{(20)}m_{013}^{(11)} - 2m_{110}^{(20)}m_{210}^{(21)}m_{121}^{(22)}$$

$$+2m_{110}^{(20)}m_{210}^{(21)}m_{112}^{(21)}+2m_{110}^{(20)}m_{210}^{(21)}m_{022}^{(20)}-2m_{110}^{(20)}m_{210}^{(21)}m_{013}^{(10)}+2m_{110}^{(20)}m_{210}^{(22)}m_{121}^{(21)}$$
$$-2m_{110}^{(20)}m_{210}^{(22)}m_{112}^{(11)}-2m_{110}^{(20)}m_{210}^{(22)}m_{031}^{(20)}+2m_{110}^{(20)}m_{210}^{(22)}m_{022}^{(10)}-m_{110}^{(20)}m_{201}^{(10)}m_{031}^{(22)}$$
$$+2m_{110}^{(20)}m_{201}^{(10)}m_{022}^{(21)}-m_{110}^{(20)}m_{201}^{(10)}m_{013}^{(11)}+m_{110}^{(20)}m_{201}^{(11)}m_{121}^{(22)}-m_{110}^{(20)}m_{201}^{(11)}m_{112}^{(21)}$$
$$-m_{110}^{(20)}m_{201}^{(11)}m_{022}^{(20)}+m_{110}^{(20)}m_{201}^{(11)}m_{013}^{(10)}-m_{110}^{(20)}m_{201}^{(20)}m_{040}^{(22)}+2m_{110}^{(20)}m_{201}^{(20)}m_{031}^{(21)}$$
$$-m_{110}^{(20)}m_{201}^{(20)}m_{022}^{(11)}+m_{110}^{(20)}m_{201}^{(21)}m_{130}^{(22)}-2m_{110}^{(20)}m_{201}^{(21)}m_{121}^{(21)}+m_{110}^{(20)}m_{201}^{(21)}m_{112}^{(11)}$$
$$-m_{110}^{(20)}m_{201}^{(22)}m_{130}^{(21)}+m_{110}^{(20)}m_{201}^{(22)}m_{121}^{(11)}+m_{110}^{(20)}m_{201}^{(22)}m_{040}^{(20)}-m_{110}^{(20)}m_{201}^{(22)}m_{031}^{(10)}$$
$$-2m_{110}^{(20)}m_{120}^{(20)}m_{121}^{(22)}+6m_{110}^{(20)}m_{120}^{(20)}m_{112}^{(21)}-4m_{110}^{(20)}m_{120}^{(20)}m_{103}^{(11)}-2m_{110}^{(20)}m_{120}^{(20)}m_{022}^{(20)}$$
$$+2m_{110}^{(20)}m_{120}^{(20)}m_{013}^{(10)}+2m_{110}^{(20)}m_{120}^{(21)}m_{211}^{(22)}-4m_{110}^{(20)}m_{120}^{(21)}m_{202}^{(21)}+4m_{110}^{(20)}m_{120}^{(21)}m_{103}^{(10)}$$
$$-2m_{110}^{(20)}m_{120}^{(21)}m_{013}^{(00)}-2m_{110}^{(20)}m_{120}^{(22)}m_{211}^{(21)}+4m_{110}^{(20)}m_{120}^{(22)}m_{202}^{(11)}+2m_{110}^{(20)}m_{120}^{(22)}m_{121}^{(20)}$$
$$-6m_{110}^{(20)}m_{120}^{(22)}m_{112}^{(10)}+2m_{110}^{(20)}m_{120}^{(22)}m_{022}^{(00)}-m_{110}^{(20)}m_{111}^{(00)}m_{031}^{(22)}+2m_{110}^{(20)}m_{111}^{(00)}m_{022}^{(21)}$$
$$-m_{110}^{(20)}m_{111}^{(00)}m_{013}^{(11)}+2m_{110}^{(20)}m_{111}^{(10)}m_{121}^{(22)}-4m_{110}^{(20)}m_{111}^{(10)}m_{112}^{(21)}+2m_{110}^{(20)}m_{111}^{(10)}m_{103}^{(11)}$$
$$-m_{110}^{(20)}m_{111}^{(11)}m_{211}^{(22)}+2m_{110}^{(20)}m_{111}^{(11)}m_{202}^{(21)}-2m_{110}^{(20)}m_{111}^{(11)}m_{103}^{(10)}+m_{110}^{(20)}m_{111}^{(11)}m_{013}^{(00)}$$
$$-4m_{110}^{(20)}m_{111}^{(20)}m_{121}^{(21)}+4m_{110}^{(20)}m_{111}^{(20)}m_{112}^{(11)}+4m_{110}^{(20)}m_{111}^{(20)}m_{031}^{(20)}-4m_{110}^{(20)}m_{111}^{(20)}m_{022}^{(10)}$$
$$+4m_{110}^{(20)}m_{111}^{(21)}m_{211}^{(21)}-2m_{110}^{(20)}m_{111}^{(21)}m_{202}^{(11)}-4m_{110}^{(20)}m_{111}^{(21)}m_{121}^{(20)}+2m_{110}^{(20)}m_{111}^{(21)}m_{022}^{(00)}$$
$$-3m_{110}^{(20)}m_{111}^{(22)}m_{211}^{(11)}+6m_{110}^{(20)}m_{111}^{(22)}m_{121}^{(10)}-3m_{110}^{(20)}m_{111}^{(22)}m_{031}^{(00)}+m_{110}^{(20)}m_{102}^{(00)}m_{040}^{(22)}$$
$$-2m_{110}^{(20)}m_{102}^{(00)}m_{031}^{(21)}+m_{110}^{(20)}m_{102}^{(00)}m_{022}^{(11)}-m_{110}^{(20)}m_{102}^{(11)}m_{220}^{(22)}+2m_{110}^{(20)}m_{102}^{(11)}m_{121}^{(20)}$$
$$-m_{110}^{(20)}m_{102}^{(11)}m_{022}^{(00)}+2m_{110}^{(20)}m_{102}^{(20)}m_{130}^{(21)}-2m_{110}^{(20)}m_{102}^{(20)}m_{121}^{(11)}-2m_{110}^{(20)}m_{102}^{(20)}m_{040}^{(20)}$$
$$+2m_{110}^{(20)}m_{102}^{(20)}m_{031}^{(10)}+m_{110}^{(20)}m_{102}^{(22)}m_{220}^{(11)}-2m_{110}^{(20)}m_{102}^{(22)}m_{130}^{(10)}+m_{110}^{(20)}m_{102}^{(22)}m_{040}^{(00)}$$
$$+m_{110}^{(20)}m_{021}^{(00)}m_{121}^{(22)}-3m_{110}^{(20)}m_{021}^{(00)}m_{112}^{(21)}+2m_{110}^{(20)}m_{021}^{(00)}m_{103}^{(11)}+m_{110}^{(20)}m_{021}^{(00)}m_{022}^{(20)}$$
$$-m_{110}^{(20)}m_{021}^{(00)}m_{013}^{(10)}-m_{110}^{(20)}m_{021}^{(10)}m_{211}^{(22)}+2m_{110}^{(20)}m_{021}^{(10)}m_{202}^{(21)}-2m_{110}^{(20)}m_{021}^{(10)}m_{103}^{(10)}$$
$$+m_{110}^{(20)}m_{021}^{(10)}m_{013}^{(00)}+m_{110}^{(20)}m_{021}^{(20)}m_{220}^{(22)}-2m_{110}^{(20)}m_{021}^{(20)}m_{211}^{(21)}+2m_{110}^{(20)}m_{021}^{(20)}m_{112}^{(10)}$$
$$-m_{110}^{(20)}m_{021}^{(20)}m_{022}^{(00)}-m_{110}^{(20)}m_{021}^{(21)}m_{310}^{(22)}+2m_{110}^{(20)}m_{021}^{(21)}m_{301}^{(21)}-2m_{110}^{(20)}m_{021}^{(21)}m_{202}^{(10)}$$
$$+m_{110}^{(20)}m_{021}^{(21)}m_{112}^{(00)}+m_{110}^{(20)}m_{021}^{(22)}m_{310}^{(21)}-2m_{110}^{(20)}m_{021}^{(22)}m_{301}^{(11)}-m_{110}^{(20)}m_{021}^{(22)}m_{220}^{(20)}$$
$$+3m_{110}^{(20)}m_{021}^{(22)}m_{211}^{(10)}-m_{110}^{(20)}m_{021}^{(22)}m_{121}^{(00)}-m_{110}^{(20)}m_{012}^{(00)}m_{130}^{(22)}+4m_{110}^{(20)}m_{012}^{(00)}m_{121}^{(21)}$$
$$-3m_{110}^{(20)}m_{012}^{(00)}m_{112}^{(11)}-2m_{110}^{(20)}m_{012}^{(00)}m_{031}^{(20)}+2m_{110}^{(20)}m_{012}^{(00)}m_{022}^{(10)}-2m_{110}^{(20)}m_{012}^{(10)}m_{202}^{(11)}$$
$$+4m_{110}^{(20)}m_{012}^{(10)}m_{112}^{(10)}-2m_{110}^{(20)}m_{012}^{(10)}m_{022}^{(00)}+m_{110}^{(20)}m_{012}^{(11)}m_{310}^{(22)}-2m_{110}^{(20)}m_{012}^{(11)}m_{301}^{(21)}$$
$$+2m_{110}^{(20)}m_{012}^{(11)}m_{202}^{(10)}-m_{110}^{(20)}m_{012}^{(11)}m_{112}^{(00)}+2m_{110}^{(20)}m_{012}^{(20)}m_{211}^{(11)}-4m_{110}^{(20)}m_{012}^{(20)}m_{121}^{(10)}$$
$$+2m_{110}^{(20)}m_{012}^{(20)}m_{031}^{(00)}-2m_{110}^{(20)}m_{012}^{(21)}m_{310}^{(21)}+2m_{110}^{(20)}m_{012}^{(21)}m_{301}^{(11)}+2m_{110}^{(20)}m_{012}^{(21)}m_{220}^{(20)}$$
$$-2m_{110}^{(20)}m_{012}^{(21)}m_{211}^{(10)}+m_{110}^{(20)}m_{012}^{(22)}m_{310}^{(11)}-2m_{110}^{(20)}m_{012}^{(22)}m_{220}^{(10)}+m_{110}^{(20)}m_{012}^{(22)}m_{130}^{(00)}$$
$$-m_{110}^{(20)}m_{003}^{(00)}m_{130}^{(21)}+m_{110}^{(20)}m_{003}^{(00)}m_{121}^{(11)}+m_{110}^{(20)}m_{003}^{(00)}m_{040}^{(20)}-m_{110}^{(20)}m_{003}^{(00)}m_{031}^{(10)}$$
$$+m_{110}^{(20)}m_{003}^{(10)}m_{211}^{(11)}-2m_{110}^{(20)}m_{003}^{(10)}m_{121}^{(10)}+m_{110}^{(20)}m_{003}^{(10)}m_{031}^{(00)}+m_{110}^{(20)}m_{003}^{(11)}m_{310}^{(21)}$$
$$-m_{110}^{(20)}m_{003}^{(11)}m_{220}^{(20)}-m_{110}^{(20)}m_{003}^{(11)}m_{211}^{(10)}+m_{110}^{(20)}m_{003}^{(11)}m_{121}^{(00)}-m_{110}^{(20)}m_{003}^{(20)}m_{220}^{(11)}$$
$$+2m_{110}^{(20)}m_{003}^{(20)}m_{130}^{(10)}-m_{110}^{(20)}m_{003}^{(20)}m_{040}^{(00)}-m_{110}^{(20)}m_{003}^{(21)}m_{310}^{(11)}+2m_{110}^{(20)}m_{003}^{(21)}m_{220}^{(10)}$$
$$-m_{110}^{(20)}m_{003}^{(21)}m_{130}^{(00)}-2m_{110}^{(21)}m_{210}^{(20)}m_{121}^{(22)}+2m_{110}^{(21)}m_{210}^{(20)}m_{103}^{(11)}+4m_{110}^{(21)}m_{210}^{(20)}m_{022}^{(20)}$$
$$-4m_{110}^{(21)}m_{210}^{(20)}m_{013}^{(10)}+2m_{110}^{(21)}m_{210}^{(21)}m_{211}^{(22)}+2m_{110}^{(21)}m_{210}^{(21)}m_{202}^{(21)}-6m_{110}^{(21)}m_{210}^{(21)}m_{112}^{(20)}$$
$$-2m_{110}^{(21)}m_{210}^{(21)}m_{103}^{(10)}+4m_{110}^{(21)}m_{210}^{(21)}m_{013}^{(00)}-2m_{110}^{(21)}m_{210}^{(22)}m_{211}^{(21)}-2m_{110}^{(21)}m_{210}^{(22)}m_{202}^{(11)}$$
$$+2m_{110}^{(21)}m_{210}^{(22)}m_{121}^{(20)}+6m_{110}^{(21)}m_{210}^{(22)}m_{112}^{(10)}-4m_{110}^{(21)}m_{210}^{(22)}m_{022}^{(00)}+m_{110}^{(21)}m_{201}^{(10)}m_{121}^{(22)}$$
$$-m_{110}^{(21)}m_{201}^{(10)}m_{103}^{(11)}-2m_{110}^{(21)}m_{201}^{(10)}m_{022}^{(20)}+2m_{110}^{(21)}m_{201}^{(10)}m_{013}^{(10)}-m_{110}^{(21)}m_{201}^{(11)}m_{211}^{(22)}$$

$$
\begin{aligned}
&-m_{110}^{(21)}m_{201}^{(11)}m_{202}^{(21)}+3m_{110}^{(21)}m_{201}^{(11)}m_{112}^{(20)}+m_{110}^{(21)}m_{201}^{(11)}m_{103}^{(10)}-2m_{110}^{(21)}m_{201}^{(11)}m_{013}^{(00)}\\
&+m_{110}^{(21)}m_{201}^{(20)}m_{130}^{(22)}-m_{110}^{(21)}m_{201}^{(20)}m_{112}^{(11)}-2m_{110}^{(21)}m_{201}^{(20)}m_{031}^{(20)}+2m_{110}^{(21)}m_{201}^{(20)}m_{022}^{(10)}\\
&-m_{110}^{(21)}m_{201}^{(21)}m_{220}^{(22)}+m_{110}^{(21)}m_{201}^{(21)}m_{202}^{(11)}+2m_{110}^{(21)}m_{201}^{(21)}m_{121}^{(20)}-2m_{110}^{(21)}m_{201}^{(21)}m_{112}^{(10)}\\
&+m_{110}^{(21)}m_{201}^{(22)}m_{220}^{(21)}+m_{110}^{(21)}m_{201}^{(22)}m_{211}^{(11)}-m_{110}^{(21)}m_{201}^{(22)}m_{130}^{(20)}-3m_{110}^{(21)}m_{201}^{(22)}m_{121}^{(10)}\\
&+2m_{110}^{(21)}m_{201}^{(22)}m_{031}^{(00)}+2m_{110}^{(21)}m_{120}^{(20)}m_{211}^{(22)}-2m_{110}^{(21)}m_{120}^{(20)}m_{202}^{(21)}-2m_{110}^{(21)}m_{120}^{(20)}m_{112}^{(20)}\\
&+2m_{110}^{(21)}m_{120}^{(20)}m_{103}^{(10)}-2m_{110}^{(21)}m_{120}^{(21)}m_{301}^{(22)}+4m_{110}^{(21)}m_{120}^{(21)}m_{202}^{(20)}-2m_{110}^{(21)}m_{120}^{(21)}m_{103}^{(00)}\\
&+2m_{110}^{(21)}m_{120}^{(22)}m_{301}^{(21)}-2m_{110}^{(21)}m_{120}^{(22)}m_{211}^{(20)}-2m_{110}^{(21)}m_{120}^{(22)}m_{202}^{(10)}+2m_{110}^{(21)}m_{120}^{(22)}m_{112}^{(00)}\\
&+m_{110}^{(21)}m_{111}^{(00)}m_{121}^{(22)}-m_{110}^{(21)}m_{111}^{(00)}m_{103}^{(11)}-2m_{110}^{(21)}m_{111}^{(00)}m_{022}^{(20)}+2m_{110}^{(21)}m_{111}^{(00)}m_{013}^{(10)}\\
&-2m_{110}^{(21)}m_{111}^{(10)}m_{211}^{(22)}+4m_{110}^{(21)}m_{111}^{(10)}m_{112}^{(20)}-2m_{110}^{(21)}m_{111}^{(10)}m_{013}^{(00)}+m_{110}^{(21)}m_{111}^{(11)}m_{301}^{(22)}\\
&-2m_{110}^{(21)}m_{111}^{(11)}m_{202}^{(20)}+m_{110}^{(21)}m_{111}^{(11)}m_{103}^{(00)}+4m_{110}^{(21)}m_{111}^{(20)}m_{211}^{(21)}-2m_{110}^{(21)}m_{111}^{(20)}m_{202}^{(11)}\\
&-4m_{110}^{(21)}m_{111}^{(20)}m_{121}^{(20)}+2m_{110}^{(21)}m_{111}^{(20)}m_{022}^{(00)}-4m_{110}^{(21)}m_{111}^{(21)}m_{301}^{(21)}+4m_{110}^{(21)}m_{111}^{(21)}m_{211}^{(20)}\\
&+4m_{110}^{(21)}m_{111}^{(21)}m_{202}^{(10)}-4m_{110}^{(21)}m_{111}^{(21)}m_{112}^{(00)}+3m_{110}^{(21)}m_{111}^{(22)}m_{301}^{(11)}-6m_{110}^{(21)}m_{111}^{(22)}m_{211}^{(10)}\\
&+3m_{110}^{(21)}m_{111}^{(22)}m_{121}^{(00)}-m_{110}^{(21)}m_{102}^{(00)}m_{130}^{(22)}+m_{110}^{(21)}m_{102}^{(00)}m_{112}^{(11)}+2m_{110}^{(21)}m_{102}^{(00)}m_{031}^{(20)}\\
&-2m_{110}^{(21)}m_{102}^{(00)}m_{022}^{(10)}+2m_{110}^{(21)}m_{102}^{(10)}m_{202}^{(11)}-4m_{110}^{(21)}m_{102}^{(10)}m_{112}^{(10)}+2m_{110}^{(21)}m_{102}^{(10)}m_{022}^{(00)}\\
&+m_{110}^{(21)}m_{102}^{(11)}m_{310}^{(22)}+2m_{110}^{(21)}m_{102}^{(11)}m_{301}^{(21)}-4m_{110}^{(21)}m_{102}^{(11)}m_{211}^{(20)}-2m_{110}^{(21)}m_{102}^{(11)}m_{202}^{(10)}\\
&+3m_{110}^{(21)}m_{102}^{(11)}m_{112}^{(00)}-2m_{110}^{(21)}m_{102}^{(20)}m_{220}^{(21)}+2m_{110}^{(21)}m_{102}^{(20)}m_{130}^{(20)}+2m_{110}^{(21)}m_{102}^{(20)}m_{121}^{(10)}\\
&-2m_{110}^{(21)}m_{102}^{(20)}m_{031}^{(00)}-2m_{110}^{(21)}m_{102}^{(21)}m_{301}^{(11)}+4m_{110}^{(21)}m_{102}^{(21)}m_{211}^{(10)}-2m_{110}^{(21)}m_{102}^{(21)}m_{121}^{(00)}\\
&-m_{110}^{(21)}m_{102}^{(22)}m_{310}^{(11)}+2m_{110}^{(21)}m_{102}^{(22)}m_{220}^{(10)}-m_{110}^{(21)}m_{102}^{(22)}m_{130}^{(00)}-m_{110}^{(21)}m_{021}^{(00)}m_{211}^{(22)}\\
&+m_{110}^{(21)}m_{021}^{(00)}m_{202}^{(21)}+m_{110}^{(21)}m_{021}^{(00)}m_{112}^{(20)}-m_{110}^{(21)}m_{021}^{(00)}m_{103}^{(10)}+m_{110}^{(21)}m_{021}^{(10)}m_{301}^{(22)}\\
&-2m_{110}^{(21)}m_{021}^{(10)}m_{202}^{(20)}+m_{110}^{(21)}m_{021}^{(10)}m_{103}^{(00)}-m_{110}^{(21)}m_{021}^{(20)}m_{310}^{(22)}+2m_{110}^{(21)}m_{021}^{(20)}m_{211}^{(20)}\\
&-m_{110}^{(21)}m_{021}^{(20)}m_{112}^{(00)}+m_{110}^{(21)}m_{021}^{(21)}m_{400}^{(22)}-2m_{110}^{(21)}m_{021}^{(21)}m_{301}^{(20)}+m_{110}^{(21)}m_{021}^{(21)}m_{202}^{(00)}\\
&-m_{110}^{(21)}m_{021}^{(22)}m_{400}^{(21)}+m_{110}^{(21)}m_{021}^{(22)}m_{310}^{(20)}+m_{110}^{(21)}m_{021}^{(22)}m_{301}^{(10)}-m_{110}^{(21)}m_{021}^{(22)}m_{211}^{(00)}\\
&+m_{110}^{(21)}m_{012}^{(00)}m_{220}^{(22)}-2m_{110}^{(21)}m_{012}^{(00)}m_{211}^{(21)}+m_{110}^{(21)}m_{012}^{(00)}m_{202}^{(11)}-m_{110}^{(21)}m_{012}^{(11)}m_{400}^{(22)}\\
&+2m_{110}^{(21)}m_{012}^{(11)}m_{301}^{(20)}-m_{110}^{(21)}m_{012}^{(11)}m_{202}^{(00)}+2m_{110}^{(21)}m_{012}^{(21)}m_{400}^{(21)}-2m_{110}^{(21)}m_{012}^{(21)}m_{310}^{(20)}\\
&-2m_{110}^{(21)}m_{012}^{(21)}m_{301}^{(10)}+2m_{110}^{(21)}m_{012}^{(21)}m_{211}^{(00)}-m_{110}^{(21)}m_{012}^{(22)}m_{400}^{(11)}+2m_{110}^{(21)}m_{012}^{(22)}m_{310}^{(10)}\\
&-m_{110}^{(21)}m_{012}^{(22)}m_{220}^{(00)}+m_{110}^{(21)}m_{003}^{(00)}m_{220}^{(21)}-m_{110}^{(21)}m_{003}^{(00)}m_{211}^{(11)}-m_{110}^{(21)}m_{003}^{(00)}m_{130}^{(20)}\\
&+m_{110}^{(21)}m_{003}^{(00)}m_{121}^{(10)}-m_{110}^{(21)}m_{003}^{(10)}m_{301}^{(11)}+2m_{110}^{(21)}m_{003}^{(10)}m_{211}^{(10)}-m_{110}^{(21)}m_{003}^{(10)}m_{121}^{(00)}\\
&-m_{110}^{(21)}m_{003}^{(11)}m_{400}^{(21)}+m_{110}^{(21)}m_{003}^{(11)}m_{310}^{(20)}+m_{110}^{(21)}m_{003}^{(11)}m_{301}^{(10)}-m_{110}^{(21)}m_{003}^{(11)}m_{211}^{(00)}\\
&+m_{110}^{(21)}m_{003}^{(20)}m_{310}^{(11)}-2m_{110}^{(21)}m_{003}^{(20)}m_{220}^{(10)}+m_{110}^{(21)}m_{003}^{(20)}m_{130}^{(00)}+m_{110}^{(21)}m_{003}^{(21)}m_{400}^{(11)}\\
&-2m_{110}^{(21)}m_{003}^{(21)}m_{310}^{(10)}+m_{110}^{(21)}m_{003}^{(21)}m_{220}^{(00)}+2m_{110}^{(22)}m_{210}^{(20)}m_{121}^{(21)}-2m_{110}^{(22)}m_{210}^{(20)}m_{112}^{(11)}\\
&-2m_{110}^{(22)}m_{210}^{(20)}m_{031}^{(20)}+2m_{110}^{(22)}m_{210}^{(20)}m_{022}^{(10)}-2m_{110}^{(22)}m_{210}^{(21)}m_{211}^{(21)}+2m_{110}^{(22)}m_{210}^{(21)}m_{121}^{(20)}\\
&+2m_{110}^{(22)}m_{210}^{(21)}m_{112}^{(10)}-2m_{110}^{(22)}m_{210}^{(21)}m_{022}^{(00)}+2m_{110}^{(22)}m_{210}^{(22)}m_{211}^{(11)}-4m_{110}^{(22)}m_{210}^{(22)}m_{121}^{(10)}\\
&+2m_{110}^{(22)}m_{210}^{(22)}m_{031}^{(00)}-m_{110}^{(22)}m_{201}^{(10)}m_{121}^{(21)}+m_{110}^{(22)}m_{201}^{(10)}m_{112}^{(11)}+m_{110}^{(22)}m_{201}^{(10)}m_{031}^{(20)}\\
&-m_{110}^{(22)}m_{201}^{(10)}m_{022}^{(10)}+m_{110}^{(22)}m_{201}^{(11)}m_{211}^{(21)}-m_{110}^{(22)}m_{201}^{(11)}m_{121}^{(20)}-m_{110}^{(22)}m_{201}^{(11)}m_{112}^{(10)}\\
&+m_{110}^{(22)}m_{201}^{(11)}m_{022}^{(00)}-m_{110}^{(22)}m_{201}^{(20)}m_{130}^{(21)}+m_{110}^{(22)}m_{201}^{(20)}m_{121}^{(11)}+m_{110}^{(22)}m_{201}^{(20)}m_{040}^{(20)}\\
&-m_{110}^{(22)}m_{201}^{(20)}m_{031}^{(10)}+m_{110}^{(22)}m_{201}^{(21)}m_{220}^{(21)}-m_{110}^{(22)}m_{201}^{(21)}m_{211}^{(11)}-m_{110}^{(22)}m_{201}^{(21)}m_{130}^{(20)}\\
&+m_{110}^{(22)}m_{201}^{(21)}m_{121}^{(10)}-m_{110}^{(22)}m_{201}^{(22)}m_{220}^{(11)}+2m_{110}^{(22)}m_{201}^{(22)}m_{130}^{(10)}-m_{110}^{(22)}m_{201}^{(22)}m_{040}^{(00)}\\
&-2m_{110}^{(22)}m_{120}^{(20)}m_{211}^{(21)}+2m_{110}^{(22)}m_{120}^{(20)}m_{202}^{(11)}+2m_{110}^{(22)}m_{120}^{(20)}m_{121}^{(20)}-2m_{110}^{(22)}m_{120}^{(20)}m_{112}^{(10)}
\end{aligned}
$$

$$+2m_{110}^{(22)}m_{120}^{(21)}m_{301}^{(21)} - 2m_{110}^{(22)}m_{120}^{(21)}m_{211}^{(20)} - 2m_{110}^{(22)}m_{120}^{(21)}m_{202}^{(10)} + 2m_{110}^{(22)}m_{120}^{(21)}m_{112}^{(00)}$$
$$-2m_{110}^{(22)}m_{120}^{(22)}m_{301}^{(11)} + 4m_{110}^{(22)}m_{120}^{(22)}m_{211}^{(10)} - 2m_{110}^{(22)}m_{120}^{(22)}m_{121}^{(00)} - m_{110}^{(22)}m_{111}^{(00)}m_{121}^{(21)}$$
$$+m_{110}^{(22)}m_{111}^{(00)}m_{112}^{(11)} + m_{110}^{(22)}m_{111}^{(00)}m_{031}^{(20)} - m_{110}^{(22)}m_{111}^{(00)}m_{022}^{(10)} + 2m_{110}^{(22)}m_{111}^{(10)}m_{211}^{(21)}$$
$$-m_{110}^{(22)}m_{111}^{(10)}m_{202}^{(11)} - 2m_{110}^{(22)}m_{111}^{(10)}m_{121}^{(20)} + m_{110}^{(22)}m_{111}^{(10)}m_{022}^{(00)} - m_{110}^{(22)}m_{111}^{(11)}m_{301}^{(21)}$$
$$+m_{110}^{(22)}m_{111}^{(11)}m_{211}^{(20)} + m_{110}^{(22)}m_{111}^{(11)}m_{202}^{(10)} - m_{110}^{(22)}m_{111}^{(11)}m_{112}^{(00)} - m_{110}^{(22)}m_{111}^{(20)}m_{211}^{(11)}$$
$$+2m_{110}^{(22)}m_{111}^{(20)}m_{121}^{(10)} - m_{110}^{(22)}m_{111}^{(20)}m_{031}^{(00)} + m_{110}^{(22)}m_{111}^{(21)}m_{301}^{(11)} - 2m_{110}^{(22)}m_{111}^{(21)}m_{211}^{(10)}$$
$$+m_{110}^{(22)}m_{111}^{(21)}m_{121}^{(00)} + m_{110}^{(22)}m_{102}^{(00)}m_{130}^{(21)} - m_{110}^{(22)}m_{102}^{(00)}m_{121}^{(11)} - m_{110}^{(22)}m_{102}^{(00)}m_{040}^{(20)}$$
$$+m_{110}^{(22)}m_{102}^{(00)}m_{031}^{(10)} - m_{110}^{(22)}m_{102}^{(10)}m_{211}^{(11)} + 2m_{110}^{(22)}m_{102}^{(10)}m_{121}^{(10)} - m_{110}^{(22)}m_{102}^{(10)}m_{031}^{(00)}$$
$$-m_{110}^{(22)}m_{102}^{(11)}m_{310}^{(21)} + m_{110}^{(22)}m_{102}^{(11)}m_{220}^{(20)} + m_{110}^{(22)}m_{102}^{(11)}m_{211}^{(10)} - m_{110}^{(22)}m_{102}^{(11)}m_{121}^{(00)}$$
$$+m_{110}^{(22)}m_{102}^{(20)}m_{220}^{(11)} - 2m_{110}^{(22)}m_{102}^{(20)}m_{130}^{(10)} + m_{110}^{(22)}m_{102}^{(20)}m_{040}^{(00)} + m_{110}^{(22)}m_{102}^{(21)}m_{310}^{(11)}$$
$$-2m_{110}^{(22)}m_{102}^{(21)}m_{220}^{(10)} + m_{110}^{(22)}m_{102}^{(21)}m_{130}^{(00)} + m_{110}^{(22)}m_{021}^{(00)}m_{211}^{(21)} - m_{110}^{(22)}m_{021}^{(00)}m_{202}^{(11)}$$
$$-m_{110}^{(22)}m_{021}^{(00)}m_{121}^{(20)} + m_{110}^{(22)}m_{021}^{(00)}m_{112}^{(10)} - m_{110}^{(22)}m_{021}^{(10)}m_{301}^{(21)} + m_{110}^{(22)}m_{021}^{(10)}m_{211}^{(20)}$$
$$+m_{110}^{(22)}m_{021}^{(10)}m_{202}^{(10)} - m_{110}^{(22)}m_{021}^{(10)}m_{112}^{(00)} + m_{110}^{(22)}m_{021}^{(20)}m_{310}^{(21)} - m_{110}^{(22)}m_{021}^{(20)}m_{220}^{(20)}$$
$$-m_{110}^{(22)}m_{021}^{(20)}m_{211}^{(10)} + m_{110}^{(22)}m_{021}^{(20)}m_{121}^{(00)} - m_{110}^{(22)}m_{021}^{(21)}m_{400}^{(21)} + m_{110}^{(22)}m_{021}^{(21)}m_{310}^{(20)}$$
$$+m_{110}^{(22)}m_{021}^{(21)}m_{301}^{(10)} - m_{110}^{(22)}m_{021}^{(21)}m_{211}^{(00)} + m_{110}^{(22)}m_{021}^{(22)}m_{400}^{(11)} - 2m_{110}^{(22)}m_{021}^{(22)}m_{310}^{(10)}$$
$$+m_{110}^{(22)}m_{021}^{(22)}m_{220}^{(00)} - m_{110}^{(22)}m_{012}^{(00)}m_{220}^{(21)} + m_{110}^{(22)}m_{012}^{(00)}m_{211}^{(11)} + m_{110}^{(22)}m_{012}^{(00)}m_{130}^{(20)}$$
$$-m_{110}^{(22)}m_{012}^{(00)}m_{121}^{(10)} + m_{110}^{(22)}m_{012}^{(10)}m_{301}^{(11)} - 2m_{110}^{(22)}m_{012}^{(10)}m_{211}^{(10)} + m_{110}^{(22)}m_{012}^{(10)}m_{121}^{(00)}$$
$$+m_{110}^{(22)}m_{012}^{(11)}m_{400}^{(21)} - m_{110}^{(22)}m_{012}^{(11)}m_{310}^{(20)} - m_{110}^{(22)}m_{012}^{(11)}m_{301}^{(10)} + m_{110}^{(22)}m_{012}^{(11)}m_{211}^{(00)}$$
$$-m_{110}^{(22)}m_{012}^{(20)}m_{310}^{(11)} + 2m_{110}^{(22)}m_{012}^{(20)}m_{220}^{(10)} - m_{110}^{(22)}m_{012}^{(20)}m_{130}^{(00)} - m_{110}^{(22)}m_{012}^{(21)}m_{400}^{(11)}$$
$$+2m_{110}^{(22)}m_{012}^{(21)}m_{310}^{(10)} - m_{110}^{(22)}m_{012}^{(21)}m_{220}^{(00)} - m_{101}^{(00)}m_{120}^{(10)}m_{022}^{(22)} + 2m_{101}^{(00)}m_{120}^{(10)}m_{013}^{(21)}$$
$$-m_{101}^{(00)}m_{120}^{(10)}m_{004}^{(11)} + m_{101}^{(00)}m_{120}^{(11)}m_{112}^{(22)} - m_{101}^{(00)}m_{120}^{(11)}m_{103}^{(21)} - m_{101}^{(00)}m_{120}^{(11)}m_{013}^{(20)}$$
$$+m_{101}^{(00)}m_{120}^{(11)}m_{004}^{(10)} - m_{101}^{(00)}m_{120}^{(20)}m_{031}^{(22)} + 2m_{101}^{(00)}m_{120}^{(20)}m_{022}^{(21)} - m_{101}^{(00)}m_{120}^{(20)}m_{013}^{(11)}$$
$$+m_{101}^{(00)}m_{120}^{(21)}m_{121}^{(22)} - 2m_{101}^{(00)}m_{120}^{(21)}m_{112}^{(21)} + m_{101}^{(00)}m_{120}^{(21)}m_{103}^{(11)} - m_{101}^{(00)}m_{120}^{(22)}m_{121}^{(21)}$$
$$+m_{101}^{(00)}m_{120}^{(22)}m_{112}^{(11)} + m_{101}^{(00)}m_{120}^{(22)}m_{031}^{(20)} - m_{101}^{(00)}m_{120}^{(22)}m_{022}^{(10)} + 3m_{101}^{(00)}m_{111}^{(10)}m_{031}^{(22)}$$
$$-6m_{101}^{(00)}m_{111}^{(10)}m_{022}^{(21)} + 3m_{101}^{(00)}m_{111}^{(10)}m_{013}^{(11)} - 3m_{101}^{(00)}m_{111}^{(11)}m_{121}^{(22)} + 3m_{101}^{(00)}m_{111}^{(11)}m_{112}^{(21)}$$
$$+3m_{101}^{(00)}m_{111}^{(11)}m_{022}^{(20)} - 3m_{101}^{(00)}m_{111}^{(11)}m_{013}^{(10)} + m_{101}^{(00)}m_{111}^{(20)}m_{040}^{(22)} - 2m_{101}^{(00)}m_{111}^{(20)}m_{031}^{(21)}$$
$$+m_{101}^{(00)}m_{111}^{(20)}m_{022}^{(11)} - m_{101}^{(00)}m_{111}^{(21)}m_{130}^{(22)} + 4m_{101}^{(00)}m_{111}^{(21)}m_{121}^{(21)} - 3m_{101}^{(00)}m_{111}^{(21)}m_{112}^{(11)}$$
$$-2m_{101}^{(00)}m_{111}^{(21)}m_{031}^{(20)} + 2m_{101}^{(00)}m_{111}^{(21)}m_{022}^{(10)} + m_{101}^{(00)}m_{111}^{(22)}m_{130}^{(21)} - m_{101}^{(00)}m_{111}^{(22)}m_{121}^{(11)}$$
$$-m_{101}^{(00)}m_{111}^{(22)}m_{040}^{(20)} + m_{101}^{(00)}m_{111}^{(22)}m_{031}^{(10)} - 2m_{101}^{(00)}m_{102}^{(10)}m_{040}^{(22)} + 4m_{101}^{(00)}m_{102}^{(10)}m_{031}^{(21)}$$
$$-2m_{101}^{(00)}m_{102}^{(10)}m_{022}^{(11)} + 2m_{101}^{(00)}m_{102}^{(11)}m_{130}^{(22)} - 2m_{101}^{(00)}m_{102}^{(11)}m_{121}^{(21)} - 2m_{101}^{(00)}m_{102}^{(11)}m_{031}^{(20)}$$
$$+2m_{101}^{(00)}m_{102}^{(11)}m_{022}^{(10)} - 2m_{101}^{(00)}m_{102}^{(21)}m_{130}^{(21)} + 2m_{101}^{(00)}m_{102}^{(21)}m_{121}^{(11)} + 2m_{101}^{(00)}m_{102}^{(21)}m_{040}^{(20)}$$
$$-2m_{101}^{(00)}m_{102}^{(21)}m_{031}^{(10)} + m_{101}^{(00)}m_{030}^{(00)}m_{022}^{(22)} - 2m_{101}^{(00)}m_{030}^{(00)}m_{013}^{(21)} + m_{101}^{(00)}m_{030}^{(00)}m_{004}^{(11)}$$
$$-m_{101}^{(00)}m_{030}^{(10)}m_{112}^{(22)} + m_{101}^{(00)}m_{030}^{(10)}m_{103}^{(21)} + m_{101}^{(00)}m_{030}^{(10)}m_{013}^{(20)} - m_{101}^{(00)}m_{030}^{(10)}m_{004}^{(10)}$$
$$+m_{101}^{(00)}m_{030}^{(20)}m_{121}^{(22)} - m_{101}^{(00)}m_{030}^{(20)}m_{112}^{(21)} - m_{101}^{(00)}m_{030}^{(20)}m_{022}^{(20)} + m_{101}^{(00)}m_{030}^{(20)}m_{013}^{(10)}$$
$$-m_{101}^{(00)}m_{030}^{(21)}m_{211}^{(22)} + m_{101}^{(00)}m_{030}^{(21)}m_{202}^{(21)} + m_{101}^{(00)}m_{030}^{(21)}m_{112}^{(20)} - m_{101}^{(00)}m_{030}^{(21)}m_{103}^{(10)}$$
$$+m_{101}^{(00)}m_{030}^{(22)}m_{211}^{(21)} - m_{101}^{(00)}m_{030}^{(22)}m_{202}^{(11)} - m_{101}^{(00)}m_{030}^{(22)}m_{121}^{(20)} + m_{101}^{(00)}m_{030}^{(22)}m_{112}^{(10)}$$
$$-2m_{101}^{(00)}m_{021}^{(00)}m_{031}^{(22)} + 4m_{101}^{(00)}m_{021}^{(00)}m_{022}^{(21)} - 2m_{101}^{(00)}m_{021}^{(00)}m_{013}^{(11)} + m_{101}^{(00)}m_{021}^{(10)}m_{121}^{(22)}$$
$$-m_{101}^{(00)}m_{021}^{(10)}m_{103}^{(11)} - 2m_{101}^{(00)}m_{021}^{(10)}m_{022}^{(20)} + 2m_{101}^{(00)}m_{021}^{(10)}m_{013}^{(10)} + m_{101}^{(00)}m_{021}^{(11)}m_{211}^{(22)}$$

$$
\begin{aligned}
&-m_{101}^{(00)}m_{021}^{(11)}m_{202}^{(21)} - m_{101}^{(00)}m_{021}^{(11)}m_{112}^{(20)} + m_{101}^{(00)}m_{021}^{(11)}m_{103}^{(10)} - m_{101}^{(00)}m_{021}^{(20)}m_{130}^{(22)}\\
&+m_{101}^{(00)}m_{021}^{(20)}m_{112}^{(11)} + 2m_{101}^{(00)}m_{021}^{(20)}m_{031}^{(20)} - 2m_{101}^{(00)}m_{021}^{(20)}m_{022}^{(10)} + m_{101}^{(00)}m_{021}^{(21)}m_{220}^{(22)}\\
&-2m_{101}^{(00)}m_{021}^{(21)}m_{211}^{(21)} + m_{101}^{(00)}m_{021}^{(21)}m_{202}^{(11)} - m_{101}^{(00)}m_{021}^{(22)}m_{220}^{(21)} + m_{101}^{(00)}m_{021}^{(22)}m_{211}^{(11)}\\
&+m_{101}^{(00)}m_{021}^{(22)}m_{130}^{(20)} - m_{101}^{(00)}m_{021}^{(22)}m_{121}^{(10)} + m_{101}^{(00)}m_{012}^{(00)}m_{040}^{(22)} - 2m_{101}^{(00)}m_{012}^{(00)}m_{031}^{(21)}\\
&+m_{101}^{(00)}m_{012}^{(00)}m_{022}^{(11)} - m_{101}^{(00)}m_{012}^{(10)}m_{121}^{(21)} + m_{101}^{(00)}m_{012}^{(10)}m_{112}^{(11)} + m_{101}^{(00)}m_{012}^{(10)}m_{031}^{(20)}\\
&-m_{101}^{(00)}m_{012}^{(10)}m_{022}^{(10)} - m_{101}^{(00)}m_{012}^{(11)}m_{220}^{(22)} + m_{101}^{(00)}m_{012}^{(11)}m_{211}^{(21)} + m_{101}^{(00)}m_{012}^{(11)}m_{121}^{(20)}\\
&-m_{101}^{(00)}m_{012}^{(11)}m_{112}^{(10)} + m_{101}^{(00)}m_{012}^{(20)}m_{130}^{(21)} - m_{101}^{(00)}m_{012}^{(20)}m_{121}^{(11)} - m_{101}^{(00)}m_{012}^{(20)}m_{040}^{(20)}\\
&+m_{101}^{(00)}m_{012}^{(20)}m_{031}^{(10)} + m_{101}^{(00)}m_{012}^{(21)}m_{220}^{(21)} - m_{101}^{(00)}m_{012}^{(21)}m_{211}^{(11)} - m_{101}^{(00)}m_{012}^{(21)}m_{130}^{(20)}\\
&+m_{101}^{(00)}m_{012}^{(21)}m_{121}^{(10)} + m_{101}^{(10)}m_{210}^{(10)}m_{022}^{(22)} - 2m_{101}^{(10)}m_{210}^{(10)}m_{013}^{(21)} + m_{101}^{(10)}m_{210}^{(10)}m_{004}^{(11)}\\
&-m_{101}^{(10)}m_{210}^{(11)}m_{112}^{(22)} + m_{101}^{(10)}m_{210}^{(11)}m_{103}^{(21)} + m_{101}^{(10)}m_{210}^{(11)}m_{013}^{(20)} - m_{101}^{(10)}m_{210}^{(11)}m_{004}^{(10)}\\
&+m_{101}^{(10)}m_{210}^{(20)}m_{031}^{(22)} - 2m_{101}^{(10)}m_{210}^{(20)}m_{022}^{(21)} + m_{101}^{(10)}m_{210}^{(20)}m_{013}^{(11)} - m_{101}^{(10)}m_{210}^{(21)}m_{121}^{(22)}\\
&+2m_{101}^{(10)}m_{210}^{(21)}m_{112}^{(21)} - m_{101}^{(10)}m_{210}^{(21)}m_{103}^{(11)} + m_{101}^{(10)}m_{210}^{(22)}m_{121}^{(21)} - m_{101}^{(10)}m_{210}^{(22)}m_{112}^{(11)}\\
&-m_{101}^{(10)}m_{210}^{(22)}m_{031}^{(20)} + m_{101}^{(10)}m_{210}^{(22)}m_{022}^{(10)} - 2m_{101}^{(10)}m_{201}^{(10)}m_{031}^{(22)} + 4m_{101}^{(10)}m_{201}^{(10)}m_{022}^{(21)}\\
&-2m_{101}^{(10)}m_{201}^{(10)}m_{013}^{(11)} + 2m_{101}^{(10)}m_{201}^{(11)}m_{121}^{(22)} - 2m_{101}^{(10)}m_{201}^{(11)}m_{112}^{(21)} - 2m_{101}^{(10)}m_{201}^{(11)}m_{022}^{(20)}\\
&+2m_{101}^{(10)}m_{201}^{(11)}m_{013}^{(10)} - 2m_{101}^{(10)}m_{201}^{(21)}m_{121}^{(21)} + 2m_{101}^{(10)}m_{201}^{(21)}m_{112}^{(11)} + 2m_{101}^{(10)}m_{201}^{(21)}m_{031}^{(20)}\\
&-2m_{101}^{(10)}m_{201}^{(21)}m_{022}^{(10)} - m_{101}^{(10)}m_{120}^{(00)}m_{022}^{(22)} + 2m_{101}^{(10)}m_{120}^{(00)}m_{013}^{(21)} - m_{101}^{(10)}m_{120}^{(00)}m_{004}^{(11)}\\
&+2m_{101}^{(10)}m_{120}^{(10)}m_{112}^{(22)} - 2m_{101}^{(10)}m_{120}^{(10)}m_{103}^{(21)} - 2m_{101}^{(10)}m_{120}^{(10)}m_{013}^{(20)} + 2m_{101}^{(10)}m_{120}^{(10)}m_{004}^{(10)}\\
&-m_{101}^{(10)}m_{120}^{(11)}m_{202}^{(22)} + 2m_{101}^{(10)}m_{120}^{(11)}m_{103}^{(20)} - m_{101}^{(10)}m_{120}^{(11)}m_{004}^{(00)} + m_{101}^{(10)}m_{120}^{(22)}m_{202}^{(11)}\\
&-2m_{101}^{(10)}m_{120}^{(22)}m_{112}^{(10)} + m_{101}^{(10)}m_{120}^{(22)}m_{022}^{(00)} + m_{101}^{(10)}m_{111}^{(00)}m_{031}^{(22)} - 2m_{101}^{(10)}m_{111}^{(00)}m_{022}^{(21)}\\
&+m_{101}^{(10)}m_{111}^{(00)}m_{013}^{(11)} - 4m_{101}^{(10)}m_{111}^{(10)}m_{121}^{(22)} + 4m_{101}^{(10)}m_{111}^{(10)}m_{112}^{(21)} + 4m_{101}^{(10)}m_{111}^{(10)}m_{022}^{(20)}\\
&-4m_{101}^{(10)}m_{111}^{(10)}m_{013}^{(10)} + 3m_{101}^{(10)}m_{111}^{(11)}m_{211}^{(22)} - 6m_{101}^{(10)}m_{111}^{(11)}m_{112}^{(20)} + 3m_{101}^{(10)}m_{111}^{(11)}m_{013}^{(00)}\\
&-2m_{101}^{(10)}m_{111}^{(20)}m_{130}^{(22)} + 4m_{101}^{(10)}m_{111}^{(20)}m_{121}^{(21)} - 2m_{101}^{(10)}m_{111}^{(20)}m_{112}^{(11)} + 2m_{101}^{(10)}m_{111}^{(21)}m_{220}^{(22)}\\
&-4m_{101}^{(10)}m_{111}^{(21)}m_{211}^{(21)} + 4m_{101}^{(10)}m_{111}^{(21)}m_{112}^{(10)} - 2m_{101}^{(10)}m_{111}^{(21)}m_{022}^{(00)} - 2m_{101}^{(10)}m_{111}^{(22)}m_{220}^{(21)}\\
&+m_{101}^{(10)}m_{111}^{(22)}m_{211}^{(11)} + 2m_{101}^{(10)}m_{111}^{(22)}m_{130}^{(20)} - m_{101}^{(10)}m_{111}^{(22)}m_{031}^{(00)} + 4m_{101}^{(10)}m_{102}^{(10)}m_{130}^{(22)}\\
&-6m_{101}^{(10)}m_{102}^{(10)}m_{121}^{(21)} + 2m_{101}^{(10)}m_{102}^{(10)}m_{112}^{(11)} - 2m_{101}^{(10)}m_{102}^{(10)}m_{031}^{(20)} + 2m_{101}^{(10)}m_{102}^{(10)}m_{022}^{(10)}\\
&-4m_{101}^{(10)}m_{102}^{(11)}m_{220}^{(22)} + 2m_{101}^{(10)}m_{102}^{(11)}m_{211}^{(21)} + 6m_{101}^{(10)}m_{102}^{(11)}m_{121}^{(20)} - 2m_{101}^{(10)}m_{102}^{(11)}m_{112}^{(10)}\\
&-2m_{101}^{(10)}m_{102}^{(11)}m_{022}^{(00)} + 4m_{101}^{(10)}m_{102}^{(21)}m_{220}^{(21)} - 2m_{101}^{(10)}m_{102}^{(21)}m_{211}^{(11)} - 4m_{101}^{(10)}m_{102}^{(21)}m_{130}^{(20)}\\
&+2m_{101}^{(10)}m_{102}^{(21)}m_{031}^{(00)} - m_{101}^{(10)}m_{030}^{(00)}m_{112}^{(22)} + m_{101}^{(10)}m_{030}^{(00)}m_{103}^{(21)} + m_{101}^{(10)}m_{030}^{(00)}m_{013}^{(20)}\\
&-m_{101}^{(10)}m_{030}^{(00)}m_{004}^{(10)} + m_{101}^{(10)}m_{030}^{(10)}m_{202}^{(22)} - 2m_{101}^{(10)}m_{030}^{(10)}m_{103}^{(20)} + m_{101}^{(10)}m_{030}^{(10)}m_{004}^{(00)}\\
&-m_{101}^{(10)}m_{030}^{(20)}m_{211}^{(22)} + 2m_{101}^{(10)}m_{030}^{(20)}m_{112}^{(20)} - m_{101}^{(10)}m_{030}^{(20)}m_{013}^{(00)} + m_{101}^{(10)}m_{030}^{(21)}m_{301}^{(22)}\\
&-2m_{101}^{(10)}m_{030}^{(21)}m_{202}^{(20)} + m_{101}^{(10)}m_{030}^{(21)}m_{103}^{(00)} - m_{101}^{(10)}m_{030}^{(22)}m_{301}^{(21)} + m_{101}^{(10)}m_{030}^{(22)}m_{211}^{(20)}\\
&+m_{101}^{(10)}m_{030}^{(22)}m_{202}^{(10)} - m_{101}^{(10)}m_{030}^{(22)}m_{112}^{(00)} + 3m_{101}^{(10)}m_{021}^{(00)}m_{121}^{(22)} - 4m_{101}^{(10)}m_{021}^{(00)}m_{112}^{(21)}\\
&+m_{101}^{(10)}m_{021}^{(00)}m_{103}^{(11)} - 2m_{101}^{(10)}m_{021}^{(00)}m_{022}^{(20)} + 2m_{101}^{(10)}m_{021}^{(00)}m_{013}^{(10)} - 2m_{101}^{(10)}m_{021}^{(10)}m_{211}^{(22)}\\
&+4m_{101}^{(10)}m_{021}^{(10)}m_{112}^{(20)} - 2m_{101}^{(10)}m_{021}^{(10)}m_{013}^{(00)} - m_{101}^{(10)}m_{021}^{(11)}m_{301}^{(22)} + 2m_{101}^{(10)}m_{021}^{(11)}m_{202}^{(20)}\\
&-m_{101}^{(10)}m_{021}^{(11)}m_{103}^{(00)} + 2m_{101}^{(10)}m_{021}^{(20)}m_{220}^{(22)} - 4m_{101}^{(10)}m_{021}^{(20)}m_{121}^{(20)} + 2m_{101}^{(10)}m_{021}^{(20)}m_{022}^{(00)}\\
&-2m_{101}^{(10)}m_{021}^{(21)}m_{310}^{(22)} + 2m_{101}^{(10)}m_{021}^{(21)}m_{301}^{(21)} + 2m_{101}^{(10)}m_{021}^{(21)}m_{211}^{(20)} - 2m_{101}^{(10)}m_{021}^{(21)}m_{202}^{(10)}\\
&+2m_{101}^{(10)}m_{021}^{(22)}m_{310}^{(21)} - m_{101}^{(10)}m_{021}^{(22)}m_{301}^{(11)} - 2m_{101}^{(10)}m_{021}^{(22)}m_{220}^{(20)} + m_{101}^{(10)}m_{021}^{(22)}m_{121}^{(00)}\\
&-2m_{101}^{(10)}m_{012}^{(00)}m_{130}^{(22)} + 3m_{101}^{(10)}m_{012}^{(00)}m_{121}^{(21)} - m_{101}^{(10)}m_{012}^{(00)}m_{112}^{(11)} + m_{101}^{(10)}m_{012}^{(00)}m_{031}^{(20)}
\end{aligned}
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\begin{aligned}
&-m_{101}^{(10)}m_{012}^{(00)}m_{022}^{(10)} + 2m_{101}^{(10)}m_{012}^{(10)}m_{211}^{(21)} - m_{101}^{(10)}m_{012}^{(10)}m_{202}^{(11)} - 2m_{101}^{(10)}m_{012}^{(10)}m_{121}^{(20)}\\
&+m_{101}^{(10)}m_{012}^{(10)}m_{022}^{(00)} + 2m_{101}^{(10)}m_{012}^{(11)}m_{310}^{(22)} - m_{101}^{(10)}m_{012}^{(11)}m_{301}^{(21)} - 3m_{101}^{(10)}m_{012}^{(11)}m_{211}^{(20)}\\
&+m_{101}^{(10)}m_{012}^{(11)}m_{202}^{(10)} + m_{101}^{(10)}m_{012}^{(11)}m_{112}^{(00)} - 2m_{101}^{(10)}m_{012}^{(20)}m_{220}^{(21)} + m_{101}^{(10)}m_{012}^{(20)}m_{211}^{(11)}\\
&+2m_{101}^{(10)}m_{012}^{(20)}m_{130}^{(20)} - m_{101}^{(10)}m_{012}^{(20)}m_{031}^{(00)} - 2m_{101}^{(10)}m_{012}^{(21)}m_{310}^{(21)} + m_{101}^{(10)}m_{012}^{(21)}m_{301}^{(11)}\\
&+2m_{101}^{(10)}m_{012}^{(21)}m_{220}^{(20)} - m_{101}^{(10)}m_{012}^{(21)}m_{121}^{(00)} - m_{101}^{(11)}m_{210}^{(10)}m_{112}^{(22)} + m_{101}^{(11)}m_{210}^{(10)}m_{103}^{(21)}\\
&+m_{101}^{(11)}m_{210}^{(10)}m_{013}^{(20)} - m_{101}^{(11)}m_{210}^{(10)}m_{004}^{(10)} + m_{101}^{(11)}m_{210}^{(11)}m_{202}^{(22)} - 2m_{101}^{(11)}m_{210}^{(11)}m_{103}^{(20)}\\
&+m_{101}^{(11)}m_{210}^{(11)}m_{004}^{(00)} - m_{101}^{(11)}m_{210}^{(20)}m_{121}^{(22)} + m_{101}^{(11)}m_{210}^{(20)}m_{112}^{(21)} + m_{101}^{(11)}m_{210}^{(20)}m_{022}^{(20)}\\
&-m_{101}^{(11)}m_{210}^{(20)}m_{013}^{(10)} + m_{101}^{(11)}m_{210}^{(21)}m_{211}^{(22)} - m_{101}^{(11)}m_{210}^{(21)}m_{202}^{(21)} - m_{101}^{(11)}m_{210}^{(21)}m_{112}^{(20)}\\
&+m_{101}^{(11)}m_{210}^{(21)}m_{103}^{(10)} - m_{101}^{(11)}m_{210}^{(22)}m_{211}^{(21)} + m_{101}^{(11)}m_{210}^{(22)}m_{121}^{(20)} + m_{101}^{(11)}m_{210}^{(22)}m_{112}^{(10)}\\
&-m_{101}^{(11)}m_{210}^{(22)}m_{022}^{(00)} + 2m_{101}^{(11)}m_{201}^{(10)}m_{121}^{(22)} - 2m_{101}^{(11)}m_{201}^{(10)}m_{112}^{(21)} - 2m_{101}^{(11)}m_{201}^{(10)}m_{022}^{(20)}\\
&+2m_{101}^{(11)}m_{201}^{(10)}m_{013}^{(10)} - 2m_{101}^{(11)}m_{201}^{(11)}m_{211}^{(22)} + 4m_{101}^{(11)}m_{201}^{(11)}m_{112}^{(20)} - 2m_{101}^{(11)}m_{201}^{(11)}m_{013}^{(00)}\\
&+2m_{101}^{(11)}m_{201}^{(21)}m_{211}^{(21)} - 2m_{101}^{(11)}m_{201}^{(21)}m_{121}^{(20)} - 2m_{101}^{(11)}m_{201}^{(21)}m_{112}^{(10)} + 2m_{101}^{(11)}m_{201}^{(21)}m_{022}^{(00)}\\
&+m_{101}^{(11)}m_{120}^{(00)}m_{112}^{(22)} - m_{101}^{(11)}m_{120}^{(00)}m_{103}^{(21)} - m_{101}^{(11)}m_{120}^{(00)}m_{013}^{(20)} + m_{101}^{(11)}m_{120}^{(00)}m_{004}^{(10)}\\
&-m_{101}^{(11)}m_{120}^{(10)}m_{202}^{(22)} + 2m_{101}^{(11)}m_{120}^{(10)}m_{103}^{(20)} - m_{101}^{(11)}m_{120}^{(10)}m_{004}^{(00)} + m_{101}^{(11)}m_{120}^{(20)}m_{211}^{(22)}\\
&-2m_{101}^{(11)}m_{120}^{(20)}m_{112}^{(20)} + m_{101}^{(11)}m_{120}^{(20)}m_{013}^{(00)} - m_{101}^{(11)}m_{120}^{(21)}m_{301}^{(22)} + 2m_{101}^{(11)}m_{120}^{(21)}m_{202}^{(20)}\\
&-m_{101}^{(11)}m_{120}^{(21)}m_{103}^{(00)} + m_{101}^{(11)}m_{120}^{(22)}m_{301}^{(21)} - m_{101}^{(11)}m_{120}^{(22)}m_{211}^{(20)} - m_{101}^{(11)}m_{120}^{(22)}m_{202}^{(10)}\\
&+m_{101}^{(11)}m_{120}^{(22)}m_{112}^{(00)} - m_{101}^{(11)}m_{111}^{(00)}m_{121}^{(22)} + m_{101}^{(11)}m_{111}^{(00)}m_{112}^{(21)} + m_{101}^{(11)}m_{111}^{(00)}m_{022}^{(20)}\\
&-m_{101}^{(11)}m_{111}^{(00)}m_{013}^{(10)} + m_{101}^{(11)}m_{111}^{(10)}m_{211}^{(22)} - 2m_{101}^{(11)}m_{111}^{(10)}m_{112}^{(20)} + m_{101}^{(11)}m_{111}^{(10)}m_{013}^{(00)}\\
&+m_{101}^{(11)}m_{111}^{(20)}m_{220}^{(22)} - 2m_{101}^{(11)}m_{111}^{(20)}m_{211}^{(21)} + 2m_{101}^{(11)}m_{111}^{(20)}m_{112}^{(10)} - m_{101}^{(11)}m_{111}^{(20)}m_{022}^{(00)}\\
&-m_{101}^{(11)}m_{111}^{(21)}m_{310}^{(22)} + 2m_{101}^{(11)}m_{111}^{(21)}m_{211}^{(20)} - m_{101}^{(11)}m_{111}^{(21)}m_{112}^{(00)} + m_{101}^{(11)}m_{111}^{(22)}m_{310}^{(21)}\\
&-m_{101}^{(11)}m_{111}^{(22)}m_{220}^{(20)} - m_{101}^{(11)}m_{111}^{(22)}m_{211}^{(10)} + m_{101}^{(11)}m_{111}^{(22)}m_{121}^{(00)} - 2m_{101}^{(11)}m_{102}^{(10)}m_{220}^{(22)}\\
&+2m_{101}^{(11)}m_{102}^{(10)}m_{211}^{(21)} + 2m_{101}^{(11)}m_{102}^{(10)}m_{121}^{(20)} - 2m_{101}^{(11)}m_{102}^{(10)}m_{112}^{(10)} + 2m_{101}^{(11)}m_{102}^{(11)}m_{310}^{(22)}\\
&-4m_{101}^{(11)}m_{102}^{(11)}m_{211}^{(20)} + 2m_{101}^{(11)}m_{102}^{(11)}m_{112}^{(00)} - 2m_{101}^{(11)}m_{102}^{(21)}m_{310}^{(21)} + 2m_{101}^{(11)}m_{102}^{(21)}m_{220}^{(20)}\\
&+2m_{101}^{(11)}m_{102}^{(21)}m_{211}^{(10)} - 2m_{101}^{(11)}m_{102}^{(21)}m_{121}^{(00)} - m_{101}^{(11)}m_{021}^{(00)}m_{211}^{(22)} + m_{101}^{(11)}m_{021}^{(00)}m_{202}^{(21)}\\
&+m_{101}^{(11)}m_{021}^{(00)}m_{112}^{(20)} - m_{101}^{(11)}m_{021}^{(00)}m_{103}^{(10)} + m_{101}^{(11)}m_{021}^{(10)}m_{301}^{(22)} - 2m_{101}^{(11)}m_{021}^{(10)}m_{202}^{(20)}\\
&+m_{101}^{(11)}m_{021}^{(10)}m_{103}^{(00)} - m_{101}^{(11)}m_{021}^{(20)}m_{310}^{(22)} + 2m_{101}^{(11)}m_{021}^{(20)}m_{211}^{(20)} - m_{101}^{(11)}m_{021}^{(20)}m_{112}^{(00)}\\
&+m_{101}^{(11)}m_{021}^{(21)}m_{400}^{(22)} - 2m_{101}^{(11)}m_{021}^{(21)}m_{301}^{(20)} + m_{101}^{(11)}m_{021}^{(21)}m_{202}^{(00)} - m_{101}^{(11)}m_{021}^{(22)}m_{400}^{(21)}\\
&+m_{101}^{(11)}m_{021}^{(22)}m_{310}^{(20)} + m_{101}^{(11)}m_{021}^{(22)}m_{301}^{(10)} - m_{101}^{(11)}m_{021}^{(22)}m_{211}^{(00)} + m_{101}^{(11)}m_{012}^{(00)}m_{220}^{(22)}\\
&-m_{101}^{(11)}m_{012}^{(00)}m_{211}^{(21)} - m_{101}^{(11)}m_{012}^{(00)}m_{121}^{(20)} + m_{101}^{(11)}m_{012}^{(00)}m_{112}^{(10)} - m_{101}^{(11)}m_{012}^{(10)}m_{301}^{(21)}\\
&+m_{101}^{(11)}m_{012}^{(10)}m_{211}^{(20)} + m_{101}^{(11)}m_{012}^{(10)}m_{202}^{(10)} - m_{101}^{(11)}m_{012}^{(10)}m_{112}^{(00)} - m_{101}^{(11)}m_{012}^{(11)}m_{400}^{(22)}\\
&+2m_{101}^{(11)}m_{012}^{(11)}m_{301}^{(20)} - m_{101}^{(11)}m_{012}^{(11)}m_{202}^{(00)} + m_{101}^{(11)}m_{012}^{(20)}m_{310}^{(21)} - m_{101}^{(11)}m_{012}^{(20)}m_{220}^{(20)}\\
&-m_{101}^{(11)}m_{012}^{(20)}m_{211}^{(10)} + m_{101}^{(11)}m_{012}^{(20)}m_{121}^{(00)} + m_{101}^{(11)}m_{012}^{(21)}m_{400}^{(21)} - m_{101}^{(11)}m_{012}^{(21)}m_{310}^{(20)}\\
&-m_{101}^{(11)}m_{012}^{(21)}m_{301}^{(10)} + m_{101}^{(11)}m_{012}^{(21)}m_{211}^{(00)} - m_{101}^{(20)}m_{210}^{(10)}m_{031}^{(22)} + 2m_{101}^{(20)}m_{210}^{(10)}m_{022}^{(21)}\\
&-m_{101}^{(20)}m_{210}^{(10)}m_{013}^{(11)} + m_{101}^{(20)}m_{210}^{(11)}m_{121}^{(22)} - m_{101}^{(20)}m_{210}^{(11)}m_{112}^{(21)} - m_{101}^{(20)}m_{210}^{(11)}m_{022}^{(20)}\\
&+m_{101}^{(20)}m_{210}^{(11)}m_{013}^{(10)} - m_{101}^{(20)}m_{210}^{(20)}m_{040}^{(22)} + 2m_{101}^{(20)}m_{210}^{(20)}m_{031}^{(21)} - m_{101}^{(20)}m_{210}^{(20)}m_{022}^{(11)}\\
&+m_{101}^{(20)}m_{210}^{(21)}m_{130}^{(22)} - 2m_{101}^{(20)}m_{210}^{(21)}m_{121}^{(21)} + m_{101}^{(20)}m_{210}^{(21)}m_{112}^{(11)} - m_{101}^{(20)}m_{210}^{(22)}m_{130}^{(21)}\\
&+m_{101}^{(20)}m_{210}^{(22)}m_{121}^{(11)} + m_{101}^{(20)}m_{210}^{(22)}m_{040}^{(20)} - m_{101}^{(20)}m_{210}^{(22)}m_{031}^{(10)} + 2m_{101}^{(20)}m_{201}^{(10)}m_{040}^{(22)}\\
&-4m_{101}^{(20)}m_{201}^{(10)}m_{031}^{(21)} + 2m_{101}^{(20)}m_{201}^{(10)}m_{022}^{(11)} - 2m_{101}^{(20)}m_{201}^{(11)}m_{130}^{(22)} + 2m_{101}^{(20)}m_{201}^{(11)}m_{121}^{(21)}
\end{aligned}
$$

$$+2m_{101}^{(20)}m_{201}^{(11)}m_{031}^{(20)} - 2m_{101}^{(20)}m_{201}^{(11)}m_{022}^{(10)} + 2m_{101}^{(20)}m_{201}^{(21)}m_{130}^{(21)} - 2m_{101}^{(20)}m_{201}^{(21)}m_{121}^{(11)}$$
$$-2m_{101}^{(20)}m_{201}^{(21)}m_{040}^{(20)} + 2m_{101}^{(20)}m_{201}^{(21)}m_{031}^{(10)} + m_{101}^{(20)}m_{120}^{(00)}m_{031}^{(22)} - 2m_{101}^{(20)}m_{120}^{(00)}m_{022}^{(21)}$$
$$+m_{101}^{(20)}m_{120}^{(00)}m_{013}^{(11)} - 2m_{101}^{(20)}m_{120}^{(10)}m_{112}^{(21)} + 2m_{101}^{(20)}m_{120}^{(10)}m_{103}^{(11)} + 2m_{101}^{(20)}m_{120}^{(10)}m_{022}^{(20)}$$
$$-2m_{101}^{(20)}m_{120}^{(10)}m_{013}^{(10)} - m_{101}^{(20)}m_{120}^{(11)}m_{211}^{(22)} + 2m_{101}^{(20)}m_{120}^{(11)}m_{202}^{(21)} - 2m_{101}^{(20)}m_{120}^{(11)}m_{103}^{(10)}$$
$$+m_{101}^{(20)}m_{120}^{(11)}m_{013}^{(00)} + 2m_{101}^{(20)}m_{120}^{(20)}m_{130}^{(22)} - 4m_{101}^{(20)}m_{120}^{(20)}m_{121}^{(21)} + 2m_{101}^{(20)}m_{120}^{(20)}m_{112}^{(11)}$$
$$-2m_{101}^{(20)}m_{120}^{(21)}m_{220}^{(22)} + 4m_{101}^{(20)}m_{120}^{(21)}m_{211}^{(21)} - 2m_{101}^{(20)}m_{120}^{(21)}m_{202}^{(11)} + 2m_{101}^{(20)}m_{120}^{(22)}m_{220}^{(21)}$$
$$-3m_{101}^{(20)}m_{120}^{(22)}m_{211}^{(11)} - 2m_{101}^{(20)}m_{120}^{(22)}m_{130}^{(20)} + 4m_{101}^{(20)}m_{120}^{(22)}m_{121}^{(10)} - m_{101}^{(20)}m_{120}^{(22)}m_{031}^{(00)}$$
$$-m_{101}^{(20)}m_{111}^{(00)}m_{040}^{(22)} + 2m_{101}^{(20)}m_{111}^{(00)}m_{031}^{(21)} - m_{101}^{(20)}m_{111}^{(00)}m_{022}^{(11)} - 2m_{101}^{(20)}m_{111}^{(10)}m_{130}^{(22)}$$
$$+8m_{101}^{(20)}m_{111}^{(10)}m_{121}^{(21)} - 6m_{101}^{(20)}m_{111}^{(10)}m_{112}^{(11)} - 4m_{101}^{(20)}m_{111}^{(10)}m_{031}^{(20)} + 4m_{101}^{(20)}m_{111}^{(10)}m_{022}^{(10)}$$
$$+3m_{101}^{(20)}m_{111}^{(11)}m_{220}^{(22)} - 6m_{101}^{(20)}m_{111}^{(11)}m_{211}^{(21)} + 6m_{101}^{(20)}m_{111}^{(11)}m_{112}^{(10)} - 3m_{101}^{(20)}m_{111}^{(11)}m_{022}^{(00)}$$
$$-4m_{101}^{(20)}m_{111}^{(21)}m_{220}^{(21)} + 6m_{101}^{(20)}m_{111}^{(21)}m_{211}^{(11)} + 4m_{101}^{(20)}m_{111}^{(21)}m_{130}^{(20)} - 8m_{101}^{(20)}m_{111}^{(21)}m_{121}^{(10)}$$
$$+2m_{101}^{(20)}m_{111}^{(21)}m_{031}^{(00)} + m_{101}^{(20)}m_{111}^{(22)}m_{220}^{(11)} - 2m_{101}^{(20)}m_{111}^{(22)}m_{130}^{(10)} + m_{101}^{(20)}m_{111}^{(22)}m_{040}^{(00)}$$
$$-2m_{101}^{(20)}m_{102}^{(10)}m_{130}^{(21)} + 2m_{101}^{(20)}m_{102}^{(10)}m_{121}^{(11)} + 2m_{101}^{(20)}m_{102}^{(10)}m_{040}^{(20)} - 2m_{101}^{(20)}m_{102}^{(10)}m_{031}^{(10)}$$
$$+2m_{101}^{(20)}m_{102}^{(11)}m_{220}^{(21)} - 2m_{101}^{(20)}m_{102}^{(11)}m_{130}^{(20)} - 2m_{101}^{(20)}m_{102}^{(11)}m_{121}^{(10)} + 2m_{101}^{(20)}m_{102}^{(11)}m_{031}^{(00)}$$
$$-2m_{101}^{(20)}m_{102}^{(21)}m_{220}^{(11)} + 4m_{101}^{(20)}m_{102}^{(21)}m_{130}^{(10)} - 2m_{101}^{(20)}m_{102}^{(21)}m_{040}^{(00)} - m_{101}^{(20)}m_{030}^{(00)}m_{121}^{(22)}$$
$$+3m_{101}^{(20)}m_{030}^{(00)}m_{112}^{(21)} - 2m_{101}^{(20)}m_{030}^{(00)}m_{103}^{(11)} - m_{101}^{(20)}m_{030}^{(00)}m_{022}^{(20)} + m_{101}^{(20)}m_{030}^{(00)}m_{013}^{(10)}$$
$$+m_{101}^{(20)}m_{030}^{(10)}m_{211}^{(22)} - 2m_{101}^{(20)}m_{030}^{(10)}m_{202}^{(21)} + 2m_{101}^{(20)}m_{030}^{(10)}m_{103}^{(10)} - m_{101}^{(20)}m_{030}^{(10)}m_{013}^{(00)}$$
$$-m_{101}^{(20)}m_{030}^{(20)}m_{220}^{(22)} + 2m_{101}^{(20)}m_{030}^{(20)}m_{211}^{(21)} - 2m_{101}^{(20)}m_{030}^{(20)}m_{112}^{(10)} + m_{101}^{(20)}m_{030}^{(20)}m_{022}^{(00)}$$
$$+m_{101}^{(20)}m_{030}^{(21)}m_{310}^{(22)} - 2m_{101}^{(20)}m_{030}^{(21)}m_{301}^{(21)} + 2m_{101}^{(20)}m_{030}^{(21)}m_{202}^{(10)} - m_{101}^{(20)}m_{030}^{(21)}m_{112}^{(00)}$$
$$-m_{101}^{(20)}m_{030}^{(22)}m_{310}^{(21)} + 2m_{101}^{(20)}m_{030}^{(22)}m_{301}^{(11)} + m_{101}^{(20)}m_{030}^{(22)}m_{220}^{(20)} - 3m_{101}^{(20)}m_{030}^{(22)}m_{211}^{(10)}$$
$$+m_{101}^{(20)}m_{030}^{(22)}m_{121}^{(00)} + m_{101}^{(20)}m_{021}^{(00)}m_{130}^{(22)} - 4m_{101}^{(20)}m_{021}^{(00)}m_{121}^{(21)} + 3m_{101}^{(20)}m_{021}^{(00)}m_{112}^{(11)}$$
$$+2m_{101}^{(20)}m_{021}^{(00)}m_{031}^{(20)} - 2m_{101}^{(20)}m_{021}^{(00)}m_{022}^{(10)} + 2m_{101}^{(20)}m_{021}^{(10)}m_{202}^{(11)} - 4m_{101}^{(20)}m_{021}^{(10)}m_{112}^{(10)}$$
$$+2m_{101}^{(20)}m_{021}^{(10)}m_{022}^{(00)} - m_{101}^{(20)}m_{021}^{(11)}m_{310}^{(22)} + 2m_{101}^{(20)}m_{021}^{(11)}m_{301}^{(21)} - 2m_{101}^{(20)}m_{021}^{(11)}m_{202}^{(10)}$$
$$+m_{101}^{(20)}m_{021}^{(11)}m_{112}^{(00)} - 2m_{101}^{(20)}m_{021}^{(20)}m_{211}^{(11)} + 4m_{101}^{(20)}m_{021}^{(20)}m_{121}^{(10)} - 2m_{101}^{(20)}m_{021}^{(20)}m_{031}^{(00)}$$
$$+2m_{101}^{(20)}m_{021}^{(21)}m_{310}^{(21)} - 2m_{101}^{(20)}m_{021}^{(21)}m_{301}^{(11)} - 2m_{101}^{(20)}m_{021}^{(21)}m_{220}^{(20)} + 2m_{101}^{(20)}m_{021}^{(21)}m_{211}^{(10)}$$
$$-m_{101}^{(20)}m_{021}^{(22)}m_{310}^{(11)} + 2m_{101}^{(20)}m_{021}^{(22)}m_{220}^{(10)} - m_{101}^{(20)}m_{021}^{(22)}m_{130}^{(00)} + m_{101}^{(20)}m_{012}^{(00)}m_{130}^{(21)}$$
$$-m_{101}^{(20)}m_{012}^{(00)}m_{121}^{(11)} - m_{101}^{(20)}m_{012}^{(00)}m_{040}^{(20)} + m_{101}^{(20)}m_{012}^{(00)}m_{031}^{(10)} - m_{101}^{(20)}m_{012}^{(10)}m_{211}^{(11)}$$
$$+2m_{101}^{(20)}m_{012}^{(10)}m_{121}^{(10)} - m_{101}^{(20)}m_{012}^{(10)}m_{031}^{(00)} - m_{101}^{(20)}m_{012}^{(11)}m_{310}^{(21)} + m_{101}^{(20)}m_{012}^{(11)}m_{220}^{(20)}$$
$$+m_{101}^{(20)}m_{012}^{(11)}m_{211}^{(10)} - m_{101}^{(20)}m_{012}^{(11)}m_{121}^{(00)} + m_{101}^{(20)}m_{012}^{(20)}m_{220}^{(11)} - 2m_{101}^{(20)}m_{012}^{(20)}m_{130}^{(10)}$$
$$+m_{101}^{(20)}m_{012}^{(20)}m_{040}^{(00)} + m_{101}^{(20)}m_{012}^{(21)}m_{310}^{(11)} - 2m_{101}^{(20)}m_{012}^{(21)}m_{220}^{(10)} + m_{101}^{(20)}m_{012}^{(21)}m_{130}^{(00)}$$
$$+m_{101}^{(21)}m_{210}^{(10)}m_{121}^{(22)} - m_{101}^{(21)}m_{210}^{(10)}m_{103}^{(11)} - 2m_{101}^{(21)}m_{210}^{(10)}m_{022}^{(20)} + 2m_{101}^{(21)}m_{210}^{(10)}m_{013}^{(10)}$$
$$-m_{101}^{(21)}m_{210}^{(11)}m_{211}^{(22)} - m_{101}^{(21)}m_{210}^{(11)}m_{202}^{(21)} + 3m_{101}^{(21)}m_{210}^{(11)}m_{112}^{(20)} + m_{101}^{(21)}m_{210}^{(11)}m_{103}^{(10)}$$
$$-2m_{101}^{(21)}m_{210}^{(11)}m_{013}^{(00)} + m_{101}^{(21)}m_{210}^{(20)}m_{130}^{(22)} - m_{101}^{(21)}m_{210}^{(20)}m_{112}^{(11)} - 2m_{101}^{(21)}m_{210}^{(20)}m_{031}^{(20)}$$
$$+2m_{101}^{(21)}m_{210}^{(20)}m_{022}^{(10)} - m_{101}^{(21)}m_{210}^{(21)}m_{220}^{(22)} + m_{101}^{(21)}m_{210}^{(21)}m_{202}^{(11)} + 2m_{101}^{(21)}m_{210}^{(21)}m_{121}^{(20)}$$
$$-2m_{101}^{(21)}m_{210}^{(21)}m_{112}^{(10)} + m_{101}^{(21)}m_{210}^{(22)}m_{220}^{(21)} + m_{101}^{(21)}m_{210}^{(22)}m_{211}^{(11)} - m_{101}^{(21)}m_{210}^{(22)}m_{130}^{(20)}$$
$$-3m_{101}^{(21)}m_{210}^{(22)}m_{121}^{(10)} + 2m_{101}^{(21)}m_{210}^{(22)}m_{031}^{(00)} - 2m_{101}^{(21)}m_{201}^{(10)}m_{130}^{(22)} + 2m_{101}^{(21)}m_{201}^{(10)}m_{112}^{(11)}$$
$$+4m_{101}^{(21)}m_{201}^{(10)}m_{031}^{(20)} - 4m_{101}^{(21)}m_{201}^{(10)}m_{022}^{(10)} + 2m_{101}^{(21)}m_{201}^{(11)}m_{220}^{(22)} + 2m_{101}^{(21)}m_{201}^{(11)}m_{211}^{(21)}$$
$$-6m_{101}^{(21)}m_{201}^{(11)}m_{121}^{(20)} - 2m_{101}^{(21)}m_{201}^{(11)}m_{112}^{(10)} + 4m_{101}^{(21)}m_{201}^{(11)}m_{022}^{(00)} - 2m_{101}^{(21)}m_{201}^{(21)}m_{220}^{(21)}$$

$$
\begin{aligned}
&-2m_{101}^{(21)}m_{201}^{(21)}m_{211}^{(11)}+2m_{101}^{(21)}m_{201}^{(21)}m_{130}^{(20)}+6m_{101}^{(21)}m_{201}^{(21)}m_{121}^{(10)}-4m_{101}^{(21)}m_{201}^{(21)}m_{031}^{(00)}\\
&-m_{101}^{(21)}m_{120}^{(00)}m_{121}^{(22)}+m_{101}^{(21)}m_{120}^{(00)}m_{103}^{(11)}+2m_{101}^{(21)}m_{120}^{(00)}m_{022}^{(20)}-2m_{101}^{(21)}m_{120}^{(00)}m_{013}^{(10)}\\
&+2m_{101}^{(21)}m_{120}^{(10)}m_{202}^{(21)}-2m_{101}^{(21)}m_{120}^{(10)}m_{112}^{(20)}-2m_{101}^{(21)}m_{120}^{(10)}m_{103}^{(10)}+2m_{101}^{(21)}m_{120}^{(10)}m_{013}^{(00)}\\
&+m_{101}^{(21)}m_{120}^{(11)}m_{301}^{(22)}-2m_{101}^{(21)}m_{120}^{(11)}m_{202}^{(20)}+m_{101}^{(21)}m_{120}^{(11)}m_{103}^{(00)}-2m_{101}^{(21)}m_{120}^{(20)}m_{220}^{(22)}\\
&+4m_{101}^{(21)}m_{120}^{(20)}m_{121}^{(20)}-2m_{101}^{(21)}m_{120}^{(20)}m_{022}^{(00)}+2m_{101}^{(21)}m_{120}^{(21)}m_{310}^{(22)}-4m_{101}^{(21)}m_{120}^{(21)}m_{211}^{(20)}\\
&+2m_{101}^{(21)}m_{120}^{(21)}m_{112}^{(00)}-2m_{101}^{(21)}m_{120}^{(22)}m_{310}^{(21)}-m_{101}^{(21)}m_{120}^{(22)}m_{301}^{(11)}+2m_{101}^{(21)}m_{120}^{(22)}m_{220}^{(20)}\\
&+4m_{101}^{(21)}m_{120}^{(22)}m_{211}^{(10)}-3m_{101}^{(21)}m_{120}^{(22)}m_{121}^{(00)}+m_{101}^{(21)}m_{111}^{(00)}m_{130}^{(22)}-m_{101}^{(21)}m_{111}^{(00)}m_{112}^{(11)}\\
&-2m_{101}^{(21)}m_{111}^{(00)}m_{031}^{(20)}+2m_{101}^{(21)}m_{111}^{(00)}m_{022}^{(10)}+2m_{101}^{(21)}m_{111}^{(10)}m_{220}^{(22)}-4m_{101}^{(21)}m_{111}^{(10)}m_{211}^{(21)}\\
&+4m_{101}^{(21)}m_{111}^{(10)}m_{112}^{(10)}-2m_{101}^{(21)}m_{111}^{(10)}m_{022}^{(00)}-3m_{101}^{(21)}m_{111}^{(11)}m_{310}^{(22)}+6m_{101}^{(21)}m_{111}^{(11)}m_{211}^{(20)}\\
&-3m_{101}^{(21)}m_{111}^{(11)}m_{112}^{(00)}+2m_{101}^{(21)}m_{111}^{(20)}m_{211}^{(11)}-4m_{101}^{(21)}m_{111}^{(20)}m_{121}^{(10)}+2m_{101}^{(21)}m_{111}^{(20)}m_{031}^{(00)}\\
&+4m_{101}^{(21)}m_{111}^{(21)}m_{310}^{(21)}-4m_{101}^{(21)}m_{111}^{(21)}m_{220}^{(20)}-4m_{101}^{(21)}m_{111}^{(21)}m_{211}^{(10)}+4m_{101}^{(21)}m_{111}^{(21)}m_{121}^{(00)}\\
&-m_{101}^{(21)}m_{111}^{(22)}m_{310}^{(11)}+2m_{101}^{(21)}m_{111}^{(22)}m_{220}^{(10)}-m_{101}^{(21)}m_{111}^{(22)}m_{130}^{(00)}+2m_{101}^{(21)}m_{102}^{(10)}m_{220}^{(21)}\\
&-2m_{101}^{(21)}m_{102}^{(10)}m_{211}^{(11)}-2m_{101}^{(21)}m_{102}^{(10)}m_{130}^{(20)}+2m_{101}^{(21)}m_{102}^{(10)}m_{121}^{(10)}-2m_{101}^{(21)}m_{102}^{(11)}m_{310}^{(21)}\\
&+2m_{101}^{(21)}m_{102}^{(11)}m_{220}^{(20)}+2m_{101}^{(21)}m_{102}^{(11)}m_{211}^{(10)}-2m_{101}^{(21)}m_{102}^{(11)}m_{121}^{(00)}+2m_{101}^{(21)}m_{102}^{(21)}m_{310}^{(11)}\\
&-4m_{101}^{(21)}m_{102}^{(21)}m_{220}^{(10)}+2m_{101}^{(21)}m_{102}^{(21)}m_{130}^{(00)}+m_{101}^{(21)}m_{030}^{(00)}m_{211}^{(22)}-m_{101}^{(21)}m_{030}^{(00)}m_{202}^{(21)}\\
&-m_{101}^{(21)}m_{030}^{(00)}m_{112}^{(20)}+m_{101}^{(21)}m_{030}^{(00)}m_{103}^{(10)}-m_{101}^{(21)}m_{030}^{(10)}m_{301}^{(22)}+2m_{101}^{(21)}m_{030}^{(10)}m_{202}^{(20)}\\
&-m_{101}^{(21)}m_{030}^{(10)}m_{103}^{(00)}+m_{101}^{(21)}m_{030}^{(20)}m_{310}^{(22)}-2m_{101}^{(21)}m_{030}^{(20)}m_{211}^{(20)}+m_{101}^{(21)}m_{030}^{(20)}m_{112}^{(00)}\\
&-m_{101}^{(21)}m_{030}^{(21)}m_{400}^{(22)}+2m_{101}^{(21)}m_{030}^{(21)}m_{301}^{(20)}-m_{101}^{(21)}m_{030}^{(21)}m_{202}^{(00)}+m_{101}^{(21)}m_{030}^{(22)}m_{400}^{(21)}\\
&-m_{101}^{(21)}m_{030}^{(22)}m_{310}^{(20)}-m_{101}^{(21)}m_{030}^{(22)}m_{301}^{(10)}+m_{101}^{(21)}m_{030}^{(22)}m_{211}^{(00)}-m_{101}^{(21)}m_{021}^{(00)}m_{220}^{(22)}\\
&+2m_{101}^{(21)}m_{021}^{(00)}m_{211}^{(21)}-m_{101}^{(21)}m_{021}^{(00)}m_{202}^{(11)}+m_{101}^{(21)}m_{021}^{(11)}m_{400}^{(22)}-2m_{101}^{(21)}m_{021}^{(11)}m_{301}^{(20)}\\
&+m_{101}^{(21)}m_{021}^{(11)}m_{202}^{(00)}-2m_{101}^{(21)}m_{021}^{(21)}m_{400}^{(21)}+2m_{101}^{(21)}m_{021}^{(21)}m_{310}^{(20)}+2m_{101}^{(21)}m_{021}^{(21)}m_{301}^{(10)}\\
&-2m_{101}^{(21)}m_{021}^{(21)}m_{211}^{(00)}+m_{101}^{(21)}m_{021}^{(22)}m_{400}^{(11)}-2m_{101}^{(21)}m_{021}^{(22)}m_{310}^{(10)}+m_{101}^{(21)}m_{021}^{(22)}m_{220}^{(00)}\\
&-m_{101}^{(21)}m_{012}^{(00)}m_{220}^{(21)}+m_{101}^{(21)}m_{012}^{(00)}m_{211}^{(11)}+m_{101}^{(21)}m_{012}^{(00)}m_{130}^{(20)}-m_{101}^{(21)}m_{012}^{(00)}m_{121}^{(10)}\\
&+m_{101}^{(21)}m_{012}^{(10)}m_{301}^{(11)}-2m_{101}^{(21)}m_{012}^{(10)}m_{211}^{(10)}+m_{101}^{(21)}m_{012}^{(10)}m_{121}^{(00)}+m_{101}^{(21)}m_{012}^{(11)}m_{400}^{(21)}\\
&-m_{101}^{(21)}m_{012}^{(11)}m_{310}^{(20)}-m_{101}^{(21)}m_{012}^{(11)}m_{301}^{(10)}+m_{101}^{(21)}m_{012}^{(11)}m_{211}^{(00)}-m_{101}^{(21)}m_{012}^{(20)}m_{310}^{(11)}\\
&+2m_{101}^{(21)}m_{012}^{(20)}m_{220}^{(10)}-m_{101}^{(21)}m_{012}^{(20)}m_{130}^{(00)}-m_{101}^{(21)}m_{012}^{(21)}m_{400}^{(11)}+2m_{101}^{(21)}m_{012}^{(21)}m_{310}^{(10)}\\
&-m_{101}^{(21)}m_{012}^{(21)}m_{220}^{(00)}-m_{101}^{(22)}m_{210}^{(10)}m_{121}^{(21)}+m_{101}^{(22)}m_{210}^{(10)}m_{112}^{(11)}+m_{101}^{(22)}m_{210}^{(10)}m_{031}^{(20)}\\
&-m_{101}^{(22)}m_{210}^{(10)}m_{022}^{(10)}+m_{101}^{(22)}m_{210}^{(11)}m_{211}^{(21)}-m_{101}^{(22)}m_{210}^{(11)}m_{121}^{(20)}-m_{101}^{(22)}m_{210}^{(11)}m_{112}^{(10)}\\
&+m_{101}^{(22)}m_{210}^{(11)}m_{022}^{(00)}-m_{101}^{(22)}m_{210}^{(20)}m_{130}^{(21)}+m_{101}^{(22)}m_{210}^{(20)}m_{121}^{(11)}+m_{101}^{(22)}m_{210}^{(20)}m_{040}^{(20)}\\
&-m_{101}^{(22)}m_{210}^{(20)}m_{031}^{(10)}+m_{101}^{(22)}m_{210}^{(21)}m_{220}^{(21)}-m_{101}^{(22)}m_{210}^{(21)}m_{211}^{(11)}-m_{101}^{(22)}m_{210}^{(21)}m_{130}^{(20)}\\
&+m_{101}^{(22)}m_{210}^{(21)}m_{121}^{(10)}-m_{101}^{(22)}m_{210}^{(22)}m_{220}^{(11)}+2m_{101}^{(22)}m_{210}^{(22)}m_{130}^{(10)}-m_{101}^{(22)}m_{210}^{(22)}m_{040}^{(00)}\\
&+2m_{101}^{(22)}m_{201}^{(10)}m_{130}^{(21)}-2m_{101}^{(22)}m_{201}^{(10)}m_{121}^{(11)}-2m_{101}^{(22)}m_{201}^{(10)}m_{040}^{(20)}+2m_{101}^{(22)}m_{201}^{(10)}m_{031}^{(10)}\\
&-2m_{101}^{(22)}m_{201}^{(11)}m_{220}^{(21)}+2m_{101}^{(22)}m_{201}^{(11)}m_{130}^{(20)}+2m_{101}^{(22)}m_{201}^{(11)}m_{121}^{(10)}-2m_{101}^{(22)}m_{201}^{(11)}m_{031}^{(00)}\\
&+2m_{101}^{(22)}m_{201}^{(21)}m_{220}^{(11)}-4m_{101}^{(22)}m_{201}^{(21)}m_{130}^{(10)}+2m_{101}^{(22)}m_{201}^{(21)}m_{040}^{(00)}+m_{101}^{(22)}m_{120}^{(00)}m_{121}^{(21)}\\
&-m_{101}^{(22)}m_{120}^{(00)}m_{112}^{(11)}-m_{101}^{(22)}m_{120}^{(00)}m_{031}^{(20)}+m_{101}^{(22)}m_{120}^{(00)}m_{022}^{(10)}-m_{101}^{(22)}m_{120}^{(10)}m_{121}^{(11)}\\
&+2m_{101}^{(22)}m_{120}^{(10)}m_{112}^{(10)}-m_{101}^{(22)}m_{120}^{(10)}m_{022}^{(00)}-m_{101}^{(22)}m_{120}^{(11)}m_{301}^{(21)}+m_{101}^{(22)}m_{120}^{(11)}m_{211}^{(20)}\\
&+m_{101}^{(22)}m_{120}^{(11)}m_{202}^{(10)}-m_{101}^{(22)}m_{120}^{(11)}m_{112}^{(00)}+2m_{101}^{(22)}m_{120}^{(20)}m_{220}^{(21)}-m_{101}^{(22)}m_{120}^{(20)}m_{211}^{(11)}\\
&-2m_{101}^{(22)}m_{120}^{(20)}m_{130}^{(20)}+m_{101}^{(22)}m_{120}^{(20)}m_{031}^{(00)}-2m_{101}^{(22)}m_{120}^{(21)}m_{310}^{(21)}+m_{101}^{(22)}m_{120}^{(21)}m_{301}^{(11)}
\end{aligned}
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\begin{aligned}
&+2m_{101}^{(22)}m_{120}^{(21)}m_{220}^{(20)} - m_{101}^{(22)}m_{120}^{(21)}m_{121}^{(00)} + 2m_{101}^{(22)}m_{120}^{(22)}m_{310}^{(11)} - 4m_{101}^{(22)}m_{120}^{(22)}m_{220}^{(10)}\\
&+2m_{101}^{(22)}m_{120}^{(22)}m_{130}^{(00)} - m_{101}^{(22)}m_{111}^{(00)}m_{130}^{(21)} + m_{101}^{(22)}m_{111}^{(00)}m_{121}^{(11)} + m_{101}^{(22)}m_{111}^{(00)}m_{040}^{(20)}\\
&-m_{101}^{(22)}m_{111}^{(00)}m_{031}^{(10)} - 2m_{101}^{(22)}m_{111}^{(10)}m_{220}^{(21)} + 3m_{101}^{(22)}m_{111}^{(10)}m_{211}^{(11)} + 2m_{101}^{(22)}m_{111}^{(10)}m_{130}^{(20)}\\
&-4m_{101}^{(22)}m_{111}^{(10)}m_{121}^{(10)} + m_{101}^{(22)}m_{111}^{(10)}m_{031}^{(00)} + 3m_{101}^{(22)}m_{111}^{(11)}m_{310}^{(21)} - 3m_{101}^{(22)}m_{111}^{(11)}m_{220}^{(20)}\\
&-3m_{101}^{(22)}m_{111}^{(11)}m_{211}^{(10)} + 3m_{101}^{(22)}m_{111}^{(11)}m_{121}^{(00)} - m_{101}^{(22)}m_{111}^{(20)}m_{220}^{(11)} + 2m_{101}^{(22)}m_{111}^{(20)}m_{130}^{(10)}\\
&-m_{101}^{(22)}m_{111}^{(20)}m_{040}^{(00)} - 3m_{101}^{(22)}m_{111}^{(21)}m_{310}^{(11)} + 6m_{101}^{(22)}m_{111}^{(21)}m_{220}^{(10)} - 3m_{101}^{(22)}m_{111}^{(21)}m_{130}^{(00)}\\
&-m_{101}^{(22)}m_{030}^{(00)}m_{211}^{(21)} + m_{101}^{(22)}m_{030}^{(00)}m_{202}^{(11)} + m_{101}^{(22)}m_{030}^{(00)}m_{121}^{(20)} - m_{101}^{(22)}m_{030}^{(00)}m_{112}^{(10)}\\
&+m_{101}^{(22)}m_{030}^{(10)}m_{301}^{(21)} - m_{101}^{(22)}m_{030}^{(10)}m_{211}^{(20)} - m_{101}^{(22)}m_{030}^{(10)}m_{202}^{(10)} + m_{101}^{(22)}m_{030}^{(10)}m_{112}^{(00)}\\
&-m_{101}^{(22)}m_{030}^{(20)}m_{310}^{(21)} + m_{101}^{(22)}m_{030}^{(20)}m_{220}^{(20)} + m_{101}^{(22)}m_{030}^{(20)}m_{211}^{(10)} - m_{101}^{(22)}m_{030}^{(20)}m_{121}^{(00)}\\
&+m_{101}^{(22)}m_{030}^{(21)}m_{400}^{(21)} - m_{101}^{(22)}m_{030}^{(21)}m_{310}^{(20)} - m_{101}^{(22)}m_{030}^{(21)}m_{301}^{(10)} + m_{101}^{(22)}m_{030}^{(21)}m_{211}^{(00)}\\
&-m_{101}^{(22)}m_{030}^{(22)}m_{400}^{(11)} + 2m_{101}^{(22)}m_{030}^{(22)}m_{310}^{(10)} - m_{101}^{(22)}m_{030}^{(22)}m_{220}^{(00)} + m_{101}^{(22)}m_{021}^{(00)}m_{220}^{(21)}\\
&-m_{101}^{(22)}m_{021}^{(00)}m_{211}^{(11)} - m_{101}^{(22)}m_{021}^{(00)}m_{130}^{(20)} + m_{101}^{(22)}m_{021}^{(00)}m_{121}^{(10)} - m_{101}^{(22)}m_{021}^{(10)}m_{301}^{(11)}\\
&+2m_{101}^{(22)}m_{021}^{(10)}m_{211}^{(10)} - m_{101}^{(22)}m_{021}^{(10)}m_{121}^{(00)} - m_{101}^{(22)}m_{021}^{(11)}m_{400}^{(21)} + m_{101}^{(22)}m_{021}^{(11)}m_{310}^{(20)}\\
&+m_{101}^{(22)}m_{021}^{(11)}m_{301}^{(10)} - m_{101}^{(22)}m_{021}^{(11)}m_{211}^{(00)} + m_{101}^{(22)}m_{021}^{(20)}m_{310}^{(11)} - 2m_{101}^{(22)}m_{021}^{(20)}m_{220}^{(10)}\\
&+m_{101}^{(22)}m_{021}^{(20)}m_{130}^{(00)} + m_{101}^{(22)}m_{021}^{(21)}m_{400}^{(11)} - 2m_{101}^{(22)}m_{021}^{(21)}m_{310}^{(10)} + m_{101}^{(22)}m_{021}^{(21)}m_{220}^{(00)}\\
&-m_{020}^{(00)}m_{210}^{(20)}m_{022}^{(22)} + 2m_{020}^{(00)}m_{210}^{(20)}m_{013}^{(21)} - m_{020}^{(00)}m_{210}^{(20)}m_{004}^{(11)} + m_{020}^{(00)}m_{210}^{(21)}m_{112}^{(22)}\\
&-m_{020}^{(00)}m_{210}^{(21)}m_{103}^{(21)} - m_{020}^{(00)}m_{210}^{(21)}m_{013}^{(20)} + m_{020}^{(00)}m_{210}^{(21)}m_{004}^{(10)} - m_{020}^{(00)}m_{210}^{(22)}m_{112}^{(21)}\\
&+m_{020}^{(00)}m_{210}^{(22)}m_{103}^{(11)} + m_{020}^{(00)}m_{210}^{(22)}m_{022}^{(20)} - m_{020}^{(00)}m_{210}^{(22)}m_{013}^{(10)} + m_{020}^{(00)}m_{201}^{(20)}m_{031}^{(22)}\\
&-2m_{020}^{(00)}m_{201}^{(20)}m_{022}^{(21)} + m_{020}^{(00)}m_{201}^{(20)}m_{013}^{(11)} - m_{020}^{(00)}m_{201}^{(21)}m_{121}^{(22)} + m_{020}^{(00)}m_{201}^{(21)}m_{112}^{(21)}\\
&+m_{020}^{(00)}m_{201}^{(21)}m_{022}^{(20)} - m_{020}^{(00)}m_{201}^{(21)}m_{013}^{(10)} + m_{020}^{(00)}m_{201}^{(22)}m_{121}^{(21)} - m_{020}^{(00)}m_{201}^{(22)}m_{112}^{(11)}\\
&-m_{020}^{(00)}m_{201}^{(22)}m_{031}^{(20)} + m_{020}^{(00)}m_{201}^{(22)}m_{022}^{(10)} + m_{020}^{(00)}m_{111}^{(00)}m_{022}^{(22)} - 2m_{020}^{(00)}m_{111}^{(00)}m_{013}^{(21)}\\
&+m_{020}^{(00)}m_{111}^{(00)}m_{004}^{(11)} - m_{020}^{(00)}m_{111}^{(10)}m_{112}^{(22)} + m_{020}^{(00)}m_{111}^{(10)}m_{103}^{(21)} + m_{020}^{(00)}m_{111}^{(10)}m_{013}^{(20)}\\
&-m_{020}^{(00)}m_{111}^{(10)}m_{004}^{(10)} + m_{020}^{(00)}m_{111}^{(20)}m_{121}^{(22)} - m_{020}^{(00)}m_{111}^{(20)}m_{112}^{(21)} - m_{020}^{(00)}m_{111}^{(20)}m_{022}^{(20)}\\
&+m_{020}^{(00)}m_{111}^{(20)}m_{013}^{(10)} - m_{020}^{(00)}m_{111}^{(21)}m_{211}^{(22)} + m_{020}^{(00)}m_{111}^{(21)}m_{202}^{(21)} + m_{020}^{(00)}m_{111}^{(21)}m_{112}^{(20)}\\
&-m_{020}^{(00)}m_{111}^{(21)}m_{103}^{(10)} + m_{020}^{(00)}m_{111}^{(22)}m_{211}^{(21)} - m_{020}^{(00)}m_{111}^{(22)}m_{202}^{(11)} - m_{020}^{(00)}m_{111}^{(22)}m_{121}^{(20)}\\
&+m_{020}^{(00)}m_{111}^{(22)}m_{112}^{(10)} - m_{020}^{(00)}m_{102}^{(00)}m_{031}^{(22)} + 2m_{020}^{(00)}m_{102}^{(00)}m_{022}^{(21)} - m_{020}^{(00)}m_{102}^{(00)}m_{013}^{(11)}\\
&+m_{020}^{(00)}m_{102}^{(10)}m_{121}^{(22)} - m_{020}^{(00)}m_{102}^{(10)}m_{112}^{(21)} - m_{020}^{(00)}m_{102}^{(10)}m_{022}^{(20)} + m_{020}^{(00)}m_{102}^{(10)}m_{013}^{(10)}\\
&-m_{020}^{(00)}m_{102}^{(20)}m_{130}^{(22)} + m_{020}^{(00)}m_{102}^{(20)}m_{121}^{(21)} + m_{020}^{(00)}m_{102}^{(20)}m_{031}^{(20)} - m_{020}^{(00)}m_{102}^{(20)}m_{022}^{(10)}\\
&+m_{020}^{(00)}m_{102}^{(21)}m_{220}^{(22)} - m_{020}^{(00)}m_{102}^{(21)}m_{211}^{(21)} - m_{020}^{(00)}m_{102}^{(21)}m_{121}^{(20)} + m_{020}^{(00)}m_{102}^{(21)}m_{112}^{(10)}\\
&-m_{020}^{(00)}m_{102}^{(22)}m_{220}^{(21)} + m_{020}^{(00)}m_{102}^{(22)}m_{211}^{(11)} + m_{020}^{(00)}m_{102}^{(22)}m_{130}^{(20)} - m_{020}^{(00)}m_{102}^{(22)}m_{121}^{(10)}\\
&-m_{020}^{(00)}m_{012}^{(00)}m_{121}^{(22)} + 2m_{020}^{(00)}m_{012}^{(00)}m_{112}^{(21)} - m_{020}^{(00)}m_{012}^{(00)}m_{103}^{(11)} + m_{020}^{(00)}m_{012}^{(10)}m_{211}^{(22)}\\
&-m_{020}^{(00)}m_{012}^{(10)}m_{202}^{(21)} - m_{020}^{(00)}m_{012}^{(10)}m_{112}^{(20)} + m_{020}^{(00)}m_{012}^{(10)}m_{103}^{(10)} - m_{020}^{(00)}m_{012}^{(20)}m_{211}^{(21)}\\
&+m_{020}^{(00)}m_{012}^{(20)}m_{202}^{(11)} + m_{020}^{(00)}m_{012}^{(20)}m_{121}^{(20)} - m_{020}^{(00)}m_{012}^{(20)}m_{112}^{(10)} + m_{020}^{(00)}m_{003}^{(00)}m_{130}^{(22)}\\
&-2m_{020}^{(00)}m_{003}^{(00)}m_{121}^{(21)} + m_{020}^{(00)}m_{003}^{(00)}m_{112}^{(11)} - m_{020}^{(00)}m_{003}^{(10)}m_{220}^{(22)} + m_{020}^{(00)}m_{003}^{(10)}m_{211}^{(21)}\\
&+m_{020}^{(00)}m_{003}^{(10)}m_{121}^{(20)} - m_{020}^{(00)}m_{003}^{(10)}m_{112}^{(10)} + m_{020}^{(00)}m_{003}^{(20)}m_{220}^{(21)} - m_{020}^{(00)}m_{003}^{(20)}m_{211}^{(11)}\\
&-m_{020}^{(00)}m_{003}^{(20)}m_{130}^{(20)} + m_{020}^{(00)}m_{003}^{(20)}m_{121}^{(10)} + m_{020}^{(10)}m_{300}^{(20)}m_{022}^{(22)} - 2m_{020}^{(10)}m_{300}^{(20)}m_{013}^{(21)}\\
&+m_{020}^{(10)}m_{300}^{(20)}m_{004}^{(11)} - m_{020}^{(10)}m_{300}^{(21)}m_{112}^{(22)} + m_{020}^{(10)}m_{300}^{(21)}m_{103}^{(21)} + m_{020}^{(10)}m_{300}^{(21)}m_{013}^{(20)}\\
&-m_{020}^{(10)}m_{300}^{(21)}m_{004}^{(10)} + m_{020}^{(10)}m_{300}^{(22)}m_{112}^{(21)} - m_{020}^{(10)}m_{300}^{(22)}m_{103}^{(11)} - m_{020}^{(10)}m_{300}^{(22)}m_{022}^{(20)}
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\begin{aligned}
&+m_{020}^{(10)}m_{300}^{(22)}m_{013}^{(10)} + m_{020}^{(10)}m_{210}^{(20)}m_{112}^{(22)} - m_{020}^{(10)}m_{210}^{(20)}m_{103}^{(21)} - m_{020}^{(10)}m_{210}^{(20)}m_{013}^{(20)}\\
&+m_{020}^{(10)}m_{210}^{(20)}m_{004}^{(10)} - m_{020}^{(10)}m_{210}^{(21)}m_{202}^{(22)} + 2m_{020}^{(10)}m_{210}^{(21)}m_{103}^{(20)} - m_{020}^{(10)}m_{210}^{(21)}m_{004}^{(00)}\\
&+m_{020}^{(10)}m_{210}^{(22)}m_{202}^{(21)} - m_{020}^{(10)}m_{210}^{(22)}m_{112}^{(20)} - m_{020}^{(10)}m_{210}^{(22)}m_{103}^{(10)} + m_{020}^{(10)}m_{210}^{(22)}m_{013}^{(00)}\\
&-m_{020}^{(10)}m_{201}^{(00)}m_{022}^{(22)} + 2m_{020}^{(10)}m_{201}^{(00)}m_{013}^{(21)} - m_{020}^{(10)}m_{201}^{(00)}m_{004}^{(11)} + m_{020}^{(10)}m_{201}^{(10)}m_{112}^{(22)}\\
&-m_{020}^{(10)}m_{201}^{(10)}m_{103}^{(21)} - m_{020}^{(10)}m_{201}^{(10)}m_{013}^{(20)} + m_{020}^{(10)}m_{201}^{(10)}m_{004}^{(10)} - 3m_{020}^{(10)}m_{201}^{(20)}m_{121}^{(22)}\\
&+4m_{020}^{(10)}m_{201}^{(20)}m_{112}^{(21)} - m_{020}^{(10)}m_{201}^{(20)}m_{103}^{(11)} + 2m_{020}^{(10)}m_{201}^{(20)}m_{022}^{(20)} - 2m_{020}^{(10)}m_{201}^{(20)}m_{013}^{(10)}\\
&+3m_{020}^{(10)}m_{201}^{(21)}m_{211}^{(22)} - 2m_{020}^{(10)}m_{201}^{(21)}m_{202}^{(21)} - 4m_{020}^{(10)}m_{201}^{(21)}m_{112}^{(20)} + 2m_{020}^{(10)}m_{201}^{(21)}m_{103}^{(10)}\\
&+m_{020}^{(10)}m_{201}^{(21)}m_{013}^{(00)} - 3m_{020}^{(10)}m_{201}^{(22)}m_{211}^{(21)} + 2m_{020}^{(10)}m_{201}^{(22)}m_{202}^{(11)} + 3m_{020}^{(10)}m_{201}^{(22)}m_{121}^{(20)}\\
&-m_{020}^{(10)}m_{201}^{(22)}m_{112}^{(10)} - m_{020}^{(10)}m_{201}^{(22)}m_{022}^{(00)} - m_{020}^{(10)}m_{111}^{(00)}m_{112}^{(22)} + m_{020}^{(10)}m_{111}^{(00)}m_{103}^{(21)}\\
&+m_{020}^{(10)}m_{111}^{(00)}m_{013}^{(20)} - m_{020}^{(10)}m_{111}^{(00)}m_{004}^{(10)} + m_{020}^{(10)}m_{111}^{(10)}m_{202}^{(22)} - 2m_{020}^{(10)}m_{111}^{(10)}m_{103}^{(20)}\\
&+m_{020}^{(10)}m_{111}^{(10)}m_{004}^{(00)} - m_{020}^{(10)}m_{111}^{(20)}m_{211}^{(22)} + 2m_{020}^{(10)}m_{111}^{(20)}m_{112}^{(20)} - m_{020}^{(10)}m_{111}^{(20)}m_{013}^{(00)}\\
&+m_{020}^{(10)}m_{111}^{(21)}m_{301}^{(22)} - 2m_{020}^{(10)}m_{111}^{(21)}m_{202}^{(20)} + m_{020}^{(10)}m_{111}^{(21)}m_{103}^{(00)} - m_{020}^{(10)}m_{111}^{(22)}m_{301}^{(21)}\\
&+m_{020}^{(10)}m_{111}^{(22)}m_{211}^{(20)} + m_{020}^{(10)}m_{111}^{(22)}m_{202}^{(10)} - m_{020}^{(10)}m_{111}^{(22)}m_{112}^{(00)} + 3m_{020}^{(10)}m_{102}^{(00)}m_{121}^{(22)}\\
&-5m_{020}^{(10)}m_{102}^{(00)}m_{112}^{(21)} + 2m_{020}^{(10)}m_{102}^{(00)}m_{103}^{(11)} - m_{020}^{(10)}m_{102}^{(00)}m_{022}^{(20)} + m_{020}^{(10)}m_{102}^{(00)}m_{013}^{(10)}\\
&-3m_{020}^{(10)}m_{102}^{(10)}m_{211}^{(22)} + 2m_{020}^{(10)}m_{102}^{(10)}m_{202}^{(21)} + 4m_{020}^{(10)}m_{102}^{(10)}m_{112}^{(20)} - 2m_{020}^{(10)}m_{102}^{(10)}m_{103}^{(10)}\\
&-m_{020}^{(10)}m_{102}^{(10)}m_{013}^{(00)} + 2m_{020}^{(10)}m_{102}^{(20)}m_{220}^{(22)} - m_{020}^{(10)}m_{102}^{(20)}m_{202}^{(11)} - 4m_{020}^{(10)}m_{102}^{(20)}m_{121}^{(20)}\\
&+2m_{020}^{(10)}m_{102}^{(20)}m_{112}^{(10)} + m_{020}^{(10)}m_{102}^{(20)}m_{022}^{(00)} - 2m_{020}^{(10)}m_{102}^{(21)}m_{310}^{(22)} + m_{020}^{(10)}m_{102}^{(21)}m_{301}^{(21)}\\
&+3m_{020}^{(10)}m_{102}^{(21)}m_{211}^{(20)} - m_{020}^{(10)}m_{102}^{(21)}m_{202}^{(10)} - m_{020}^{(10)}m_{102}^{(21)}m_{112}^{(00)} + 2m_{020}^{(10)}m_{102}^{(22)}m_{310}^{(21)}\\
&-m_{020}^{(10)}m_{102}^{(22)}m_{301}^{(11)} - 2m_{020}^{(10)}m_{102}^{(22)}m_{220}^{(20)} + m_{020}^{(10)}m_{102}^{(22)}m_{121}^{(00)} + m_{020}^{(10)}m_{012}^{(00)}m_{211}^{(22)}\\
&-m_{020}^{(10)}m_{012}^{(00)}m_{202}^{(21)} - m_{020}^{(10)}m_{012}^{(00)}m_{112}^{(20)} + m_{020}^{(10)}m_{012}^{(00)}m_{103}^{(10)} - m_{020}^{(10)}m_{012}^{(10)}m_{301}^{(22)}\\
&+2m_{020}^{(10)}m_{012}^{(10)}m_{202}^{(20)} - m_{020}^{(10)}m_{012}^{(10)}m_{103}^{(00)} + m_{020}^{(10)}m_{012}^{(20)}m_{301}^{(21)} - m_{020}^{(10)}m_{012}^{(20)}m_{211}^{(20)}\\
&-m_{020}^{(10)}m_{012}^{(20)}m_{202}^{(10)} + m_{020}^{(10)}m_{012}^{(20)}m_{112}^{(00)} - 2m_{020}^{(10)}m_{003}^{(00)}m_{220}^{(22)} + 3m_{020}^{(10)}m_{003}^{(00)}m_{211}^{(21)}\\
&-m_{020}^{(10)}m_{003}^{(00)}m_{202}^{(11)} + m_{020}^{(10)}m_{003}^{(00)}m_{121}^{(20)} - m_{020}^{(10)}m_{003}^{(10)}m_{112}^{(22)} + 2m_{020}^{(10)}m_{003}^{(10)}m_{310}^{(22)}\\
&-m_{020}^{(10)}m_{003}^{(10)}m_{301}^{(21)} - 3m_{020}^{(10)}m_{003}^{(10)}m_{211}^{(20)} + m_{020}^{(10)}m_{003}^{(10)}m_{202}^{(10)} + m_{020}^{(10)}m_{003}^{(10)}m_{112}^{(00)}\\
&-2m_{020}^{(10)}m_{003}^{(20)}m_{310}^{(21)} + m_{020}^{(10)}m_{003}^{(20)}m_{301}^{(11)} + 2m_{020}^{(10)}m_{003}^{(20)}m_{220}^{(20)} - m_{020}^{(10)}m_{003}^{(20)}m_{121}^{(00)}\\
&-m_{020}^{(11)}m_{300}^{(20)}m_{112}^{(22)} + m_{020}^{(11)}m_{300}^{(20)}m_{103}^{(21)} + m_{020}^{(11)}m_{300}^{(20)}m_{013}^{(20)} - m_{020}^{(11)}m_{300}^{(20)}m_{004}^{(10)}\\
&+m_{020}^{(11)}m_{300}^{(21)}m_{202}^{(22)} - 2m_{020}^{(11)}m_{300}^{(21)}m_{103}^{(20)} + m_{020}^{(11)}m_{300}^{(21)}m_{004}^{(00)} - m_{020}^{(11)}m_{300}^{(22)}m_{202}^{(21)}\\
&+m_{020}^{(11)}m_{300}^{(22)}m_{112}^{(20)} + m_{020}^{(11)}m_{300}^{(22)}m_{103}^{(10)} - m_{020}^{(11)}m_{300}^{(22)}m_{013}^{(00)} + m_{020}^{(11)}m_{201}^{(00)}m_{112}^{(22)}\\
&-m_{020}^{(11)}m_{201}^{(00)}m_{103}^{(21)} - m_{020}^{(11)}m_{201}^{(00)}m_{013}^{(20)} + m_{020}^{(11)}m_{201}^{(00)}m_{004}^{(10)} - m_{020}^{(11)}m_{201}^{(10)}m_{202}^{(22)}\\
&+2m_{020}^{(11)}m_{201}^{(10)}m_{103}^{(20)} - m_{020}^{(11)}m_{201}^{(10)}m_{004}^{(00)} + 2m_{020}^{(11)}m_{201}^{(20)}m_{211}^{(22)} - m_{020}^{(11)}m_{201}^{(20)}m_{202}^{(21)}\\
&-3m_{020}^{(11)}m_{201}^{(20)}m_{112}^{(20)} + m_{020}^{(11)}m_{201}^{(20)}m_{103}^{(10)} + m_{020}^{(11)}m_{201}^{(20)}m_{013}^{(00)} - 2m_{020}^{(11)}m_{201}^{(21)}m_{301}^{(22)}\\
&+4m_{020}^{(11)}m_{201}^{(21)}m_{202}^{(20)} - 2m_{020}^{(11)}m_{201}^{(21)}m_{103}^{(00)} + 2m_{020}^{(11)}m_{201}^{(22)}m_{301}^{(21)} - 2m_{020}^{(11)}m_{201}^{(22)}m_{211}^{(20)}\\
&-2m_{020}^{(11)}m_{201}^{(22)}m_{202}^{(10)} + 2m_{020}^{(11)}m_{201}^{(22)}m_{112}^{(00)} - 2m_{020}^{(11)}m_{102}^{(00)}m_{211}^{(22)} + 2m_{020}^{(11)}m_{102}^{(00)}m_{202}^{(21)}\\
&+2m_{020}^{(11)}m_{102}^{(00)}m_{112}^{(20)} - 2m_{020}^{(11)}m_{102}^{(00)}m_{103}^{(10)} + 2m_{020}^{(11)}m_{102}^{(10)}m_{301}^{(22)} - 4m_{020}^{(11)}m_{102}^{(10)}m_{202}^{(20)}\\
&+2m_{020}^{(11)}m_{102}^{(10)}m_{103}^{(00)} - m_{020}^{(11)}m_{102}^{(20)}m_{310}^{(22)} - m_{020}^{(11)}m_{102}^{(20)}m_{301}^{(21)} + 3m_{020}^{(11)}m_{102}^{(20)}m_{211}^{(20)}\\
&+m_{020}^{(11)}m_{102}^{(20)}m_{202}^{(10)} - 2m_{020}^{(11)}m_{102}^{(20)}m_{112}^{(00)} + m_{020}^{(11)}m_{102}^{(21)}m_{400}^{(22)} - 2m_{020}^{(11)}m_{102}^{(21)}m_{301}^{(20)}\\
&+m_{020}^{(11)}m_{102}^{(21)}m_{202}^{(00)} - m_{020}^{(11)}m_{102}^{(22)}m_{400}^{(21)} + m_{020}^{(11)}m_{102}^{(22)}m_{310}^{(20)} + m_{020}^{(11)}m_{102}^{(22)}m_{301}^{(10)}\\
&-m_{020}^{(11)}m_{102}^{(22)}m_{211}^{(00)} + m_{020}^{(11)}m_{003}^{(00)}m_{310}^{(22)} - m_{020}^{(11)}m_{003}^{(00)}m_{301}^{(21)} - m_{020}^{(11)}m_{003}^{(00)}m_{211}^{(20)}
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\begin{aligned}
&+m_{020}^{(11)}m_{003}^{(00)}m_{202}^{(10)} - m_{020}^{(11)}m_{003}^{(10)}m_{400}^{(22)} + 2m_{020}^{(11)}m_{003}^{(10)}m_{301}^{(20)} - m_{020}^{(11)}m_{003}^{(10)}m_{202}^{(00)}\\
&+m_{020}^{(11)}m_{003}^{(20)}m_{400}^{(21)} - m_{020}^{(11)}m_{003}^{(20)}m_{310}^{(20)} - m_{020}^{(11)}m_{003}^{(20)}m_{301}^{(10)} + m_{020}^{(11)}m_{003}^{(20)}m_{211}^{(00)}\\
&-m_{020}^{(20)}m_{300}^{(20)}m_{031}^{(22)} + 2m_{020}^{(20)}m_{300}^{(20)}m_{022}^{(21)} - m_{020}^{(20)}m_{300}^{(20)}m_{013}^{(11)} + m_{020}^{(20)}m_{300}^{(21)}m_{121}^{(22)}\\
&-m_{020}^{(20)}m_{300}^{(21)}m_{112}^{(21)} - m_{020}^{(20)}m_{300}^{(21)}m_{022}^{(20)} + m_{020}^{(20)}m_{300}^{(21)}m_{013}^{(10)} - m_{020}^{(20)}m_{300}^{(22)}m_{121}^{(21)}\\
&+m_{020}^{(20)}m_{300}^{(22)}m_{112}^{(11)} + m_{020}^{(20)}m_{300}^{(22)}m_{031}^{(20)} - m_{020}^{(20)}m_{300}^{(22)}m_{022}^{(10)} + m_{020}^{(20)}m_{210}^{(20)}m_{121}^{(22)}\\
&-3m_{020}^{(20)}m_{210}^{(20)}m_{112}^{(21)} + 2m_{020}^{(20)}m_{210}^{(20)}m_{103}^{(11)} + m_{020}^{(20)}m_{210}^{(20)}m_{022}^{(20)} - m_{020}^{(20)}m_{210}^{(20)}m_{013}^{(10)}\\
&-m_{020}^{(20)}m_{210}^{(21)}m_{211}^{(22)} + 2m_{020}^{(20)}m_{210}^{(21)}m_{202}^{(21)} - 2m_{020}^{(20)}m_{210}^{(21)}m_{103}^{(10)} + m_{020}^{(20)}m_{210}^{(21)}m_{013}^{(00)}\\
&+m_{020}^{(20)}m_{210}^{(22)}m_{211}^{(21)} - 2m_{020}^{(20)}m_{210}^{(22)}m_{202}^{(11)} - m_{020}^{(20)}m_{210}^{(22)}m_{121}^{(20)} + 3m_{020}^{(20)}m_{210}^{(22)}m_{112}^{(10)}\\
&-m_{020}^{(20)}m_{210}^{(22)}m_{022}^{(00)} + m_{020}^{(20)}m_{201}^{(00)}m_{031}^{(22)} - 2m_{020}^{(20)}m_{201}^{(00)}m_{022}^{(21)} + m_{020}^{(20)}m_{201}^{(00)}m_{013}^{(11)}\\
&-m_{020}^{(20)}m_{201}^{(10)}m_{121}^{(22)} + m_{020}^{(20)}m_{201}^{(10)}m_{112}^{(21)} + m_{020}^{(20)}m_{201}^{(10)}m_{022}^{(20)} - m_{020}^{(20)}m_{201}^{(10)}m_{013}^{(10)}\\
&+m_{020}^{(20)}m_{201}^{(20)}m_{130}^{(22)} - m_{020}^{(20)}m_{201}^{(20)}m_{112}^{(11)} - 2m_{020}^{(20)}m_{201}^{(20)}m_{031}^{(20)} + 2m_{020}^{(20)}m_{201}^{(20)}m_{022}^{(10)}\\
&-m_{020}^{(20)}m_{201}^{(21)}m_{220}^{(22)} + 2m_{020}^{(20)}m_{201}^{(21)}m_{121}^{(20)} - m_{020}^{(20)}m_{201}^{(21)}m_{022}^{(00)} + m_{020}^{(20)}m_{201}^{(22)}m_{220}^{(21)}\\
&-m_{020}^{(20)}m_{201}^{(22)}m_{130}^{(20)} - m_{020}^{(20)}m_{201}^{(22)}m_{121}^{(10)} + m_{020}^{(20)}m_{201}^{(22)}m_{031}^{(00)} - m_{020}^{(20)}m_{111}^{(00)}m_{121}^{(22)}\\
&+3m_{020}^{(20)}m_{111}^{(00)}m_{112}^{(21)} - 2m_{020}^{(20)}m_{111}^{(00)}m_{103}^{(11)} - m_{020}^{(20)}m_{111}^{(00)}m_{022}^{(20)} + m_{020}^{(20)}m_{111}^{(00)}m_{013}^{(10)}\\
&+m_{020}^{(20)}m_{111}^{(10)}m_{211}^{(22)} - 2m_{020}^{(20)}m_{111}^{(10)}m_{202}^{(21)} + 2m_{020}^{(20)}m_{111}^{(10)}m_{103}^{(10)} - m_{020}^{(20)}m_{111}^{(10)}m_{013}^{(00)}\\
&-m_{020}^{(20)}m_{111}^{(20)}m_{220}^{(22)} + 2m_{020}^{(20)}m_{111}^{(20)}m_{211}^{(21)} - 2m_{020}^{(20)}m_{111}^{(20)}m_{112}^{(10)} + m_{020}^{(20)}m_{111}^{(20)}m_{022}^{(00)}\\
&+m_{020}^{(20)}m_{111}^{(21)}m_{310}^{(22)} - 2m_{020}^{(20)}m_{111}^{(21)}m_{301}^{(21)} + 2m_{020}^{(20)}m_{111}^{(21)}m_{202}^{(10)} - m_{020}^{(20)}m_{111}^{(21)}m_{112}^{(00)}\\
&-m_{020}^{(20)}m_{111}^{(22)}m_{310}^{(21)} + 2m_{020}^{(20)}m_{111}^{(22)}m_{301}^{(11)} + m_{020}^{(20)}m_{111}^{(22)}m_{220}^{(20)} - 3m_{020}^{(20)}m_{111}^{(22)}m_{211}^{(10)}\\
&+m_{020}^{(20)}m_{111}^{(22)}m_{121}^{(00)} - m_{020}^{(20)}m_{102}^{(00)}m_{130}^{(22)} + m_{020}^{(20)}m_{102}^{(00)}m_{121}^{(21)} + m_{020}^{(20)}m_{102}^{(00)}m_{031}^{(20)}\\
&-m_{020}^{(20)}m_{102}^{(00)}m_{022}^{(10)} + m_{020}^{(20)}m_{102}^{(10)}m_{220}^{(22)} - 2m_{020}^{(20)}m_{102}^{(10)}m_{121}^{(20)} + m_{020}^{(20)}m_{102}^{(10)}m_{022}^{(00)}\\
&-2m_{020}^{(20)}m_{102}^{(20)}m_{220}^{(21)} + m_{020}^{(20)}m_{102}^{(20)}m_{211}^{(11)} + 2m_{020}^{(20)}m_{102}^{(20)}m_{130}^{(20)} - m_{020}^{(20)}m_{102}^{(20)}m_{031}^{(00)}\\
&+m_{020}^{(20)}m_{102}^{(21)}m_{310}^{(21)} - m_{020}^{(20)}m_{102}^{(21)}m_{220}^{(20)} - m_{020}^{(20)}m_{102}^{(21)}m_{211}^{(10)} + m_{020}^{(20)}m_{102}^{(21)}m_{121}^{(00)}\\
&-m_{020}^{(20)}m_{102}^{(22)}m_{310}^{(11)} + 2m_{020}^{(20)}m_{102}^{(22)}m_{220}^{(10)} - m_{020}^{(20)}m_{102}^{(22)}m_{130}^{(00)} + m_{020}^{(20)}m_{012}^{(00)}m_{220}^{(22)}\\
&-3m_{020}^{(20)}m_{012}^{(00)}m_{211}^{(21)} + 2m_{020}^{(20)}m_{012}^{(00)}m_{202}^{(11)} + m_{020}^{(20)}m_{012}^{(00)}m_{121}^{(20)} - m_{020}^{(20)}m_{012}^{(00)}m_{112}^{(10)}\\
&-m_{020}^{(20)}m_{012}^{(10)}m_{310}^{(22)} + 2m_{020}^{(20)}m_{012}^{(10)}m_{301}^{(21)} - 2m_{020}^{(20)}m_{012}^{(10)}m_{202}^{(10)} + m_{020}^{(20)}m_{012}^{(10)}m_{112}^{(00)}\\
&+m_{020}^{(20)}m_{012}^{(20)}m_{310}^{(21)} - 2m_{020}^{(20)}m_{012}^{(20)}m_{301}^{(11)} - m_{020}^{(20)}m_{012}^{(20)}m_{220}^{(20)} + 3m_{020}^{(20)}m_{012}^{(20)}m_{211}^{(10)}\\
&-m_{020}^{(20)}m_{012}^{(20)}m_{121}^{(00)} + m_{020}^{(20)}m_{003}^{(00)}m_{220}^{(21)} - m_{020}^{(20)}m_{003}^{(00)}m_{211}^{(11)} - m_{020}^{(20)}m_{003}^{(00)}m_{130}^{(20)}\\
&+m_{020}^{(20)}m_{003}^{(00)}m_{121}^{(10)} - m_{020}^{(20)}m_{003}^{(10)}m_{310}^{(21)} + m_{020}^{(20)}m_{003}^{(10)}m_{220}^{(20)} + m_{020}^{(20)}m_{003}^{(10)}m_{211}^{(10)}\\
&-m_{020}^{(20)}m_{003}^{(10)}m_{121}^{(00)} + m_{020}^{(20)}m_{003}^{(20)}m_{310}^{(11)} - 2m_{020}^{(20)}m_{003}^{(20)}m_{220}^{(10)} + m_{020}^{(20)}m_{003}^{(20)}m_{130}^{(00)}\\
&+m_{020}^{(21)}m_{300}^{(20)}m_{121}^{(22)} - m_{020}^{(21)}m_{300}^{(20)}m_{103}^{(11)} - 2m_{020}^{(21)}m_{300}^{(20)}m_{022}^{(20)} + 2m_{020}^{(21)}m_{300}^{(20)}m_{013}^{(10)}\\
&-m_{020}^{(21)}m_{300}^{(21)}m_{211}^{(22)} - m_{020}^{(21)}m_{300}^{(21)}m_{202}^{(21)} + 3m_{020}^{(21)}m_{300}^{(21)}m_{112}^{(20)} + m_{020}^{(21)}m_{300}^{(21)}m_{103}^{(10)}\\
&-2m_{020}^{(21)}m_{300}^{(21)}m_{013}^{(00)} + m_{020}^{(21)}m_{300}^{(22)}m_{211}^{(21)} + m_{020}^{(21)}m_{300}^{(22)}m_{202}^{(11)} - m_{020}^{(21)}m_{300}^{(22)}m_{121}^{(20)}\\
&-3m_{020}^{(21)}m_{300}^{(22)}m_{112}^{(10)} + 2m_{020}^{(21)}m_{300}^{(22)}m_{022}^{(00)} - m_{020}^{(21)}m_{210}^{(20)}m_{211}^{(22)} + m_{020}^{(21)}m_{210}^{(20)}m_{202}^{(21)}\\
&+m_{020}^{(21)}m_{210}^{(20)}m_{112}^{(20)} - m_{020}^{(21)}m_{210}^{(20)}m_{103}^{(10)} + m_{020}^{(21)}m_{210}^{(21)}m_{301}^{(22)} - 2m_{020}^{(21)}m_{210}^{(21)}m_{202}^{(20)}\\
&+m_{020}^{(21)}m_{210}^{(21)}m_{103}^{(00)} - m_{020}^{(21)}m_{210}^{(22)}m_{301}^{(21)} + m_{020}^{(21)}m_{210}^{(22)}m_{211}^{(20)} + m_{020}^{(21)}m_{210}^{(22)}m_{202}^{(10)}\\
&-m_{020}^{(21)}m_{210}^{(22)}m_{112}^{(00)} - m_{020}^{(21)}m_{201}^{(00)}m_{121}^{(22)} + m_{020}^{(21)}m_{201}^{(00)}m_{103}^{(11)} + 2m_{020}^{(21)}m_{201}^{(00)}m_{022}^{(20)}\\
&-2m_{020}^{(21)}m_{201}^{(00)}m_{013}^{(10)} + m_{020}^{(21)}m_{201}^{(10)}m_{211}^{(22)} + m_{020}^{(21)}m_{201}^{(10)}m_{202}^{(21)} - 3m_{020}^{(21)}m_{201}^{(10)}m_{112}^{(20)}\\
&-m_{020}^{(21)}m_{201}^{(10)}m_{103}^{(10)} + 2m_{020}^{(21)}m_{201}^{(10)}m_{013}^{(00)} - m_{020}^{(21)}m_{201}^{(20)}m_{220}^{(22)} - 2m_{020}^{(21)}m_{201}^{(20)}m_{211}^{(21)}
\end{aligned}
$$

$$+m_{020}^{(21)}m_{201}^{(20)}m_{202}^{(11)}+4m_{020}^{(21)}m_{201}^{(20)}m_{121}^{(20)}-2m_{020}^{(21)}m_{201}^{(20)}m_{022}^{(00)}+m_{020}^{(21)}m_{201}^{(21)}m_{310}^{(22)}$$
$$+2m_{020}^{(21)}m_{201}^{(21)}m_{301}^{(21)}-4m_{020}^{(21)}m_{201}^{(21)}m_{211}^{(20)}-2m_{020}^{(21)}m_{201}^{(21)}m_{202}^{(10)}+3m_{020}^{(21)}m_{201}^{(21)}m_{112}^{(00)}$$
$$-m_{020}^{(21)}m_{201}^{(22)}m_{310}^{(21)}-2m_{020}^{(21)}m_{201}^{(22)}m_{301}^{(11)}+m_{020}^{(21)}m_{201}^{(22)}m_{220}^{(20)}+5m_{020}^{(21)}m_{201}^{(22)}m_{211}^{(10)}$$
$$-3m_{020}^{(21)}m_{201}^{(22)}m_{121}^{(00)}+m_{020}^{(21)}m_{111}^{(00)}m_{211}^{(22)}-m_{020}^{(21)}m_{111}^{(00)}m_{202}^{(21)}-m_{020}^{(21)}m_{111}^{(00)}m_{112}^{(20)}$$
$$+m_{020}^{(21)}m_{111}^{(00)}m_{103}^{(10)}-m_{020}^{(21)}m_{111}^{(10)}m_{301}^{(22)}+2m_{020}^{(21)}m_{111}^{(10)}m_{202}^{(20)}-m_{020}^{(21)}m_{111}^{(10)}m_{103}^{(00)}$$
$$+m_{020}^{(21)}m_{111}^{(20)}m_{310}^{(22)}-2m_{020}^{(21)}m_{111}^{(20)}m_{211}^{(20)}+m_{020}^{(21)}m_{111}^{(20)}m_{112}^{(00)}-m_{020}^{(21)}m_{111}^{(21)}m_{400}^{(22)}$$
$$+2m_{020}^{(21)}m_{111}^{(21)}m_{301}^{(20)}-m_{020}^{(21)}m_{111}^{(21)}m_{202}^{(00)}+m_{020}^{(21)}m_{111}^{(22)}m_{400}^{(21)}-m_{020}^{(21)}m_{111}^{(22)}m_{310}^{(20)}$$
$$-m_{020}^{(21)}m_{111}^{(22)}m_{301}^{(10)}+m_{020}^{(21)}m_{111}^{(22)}m_{211}^{(00)}+m_{020}^{(21)}m_{102}^{(00)}m_{220}^{(22)}+m_{020}^{(21)}m_{102}^{(00)}m_{211}^{(21)}$$
$$-2m_{020}^{(21)}m_{102}^{(00)}m_{202}^{(11)}-3m_{020}^{(21)}m_{102}^{(00)}m_{121}^{(20)}+3m_{020}^{(21)}m_{102}^{(00)}m_{112}^{(10)}-m_{020}^{(21)}m_{102}^{(10)}m_{310}^{(22)}$$
$$-2m_{020}^{(21)}m_{102}^{(10)}m_{301}^{(21)}+4m_{020}^{(21)}m_{102}^{(10)}m_{211}^{(20)}+2m_{020}^{(21)}m_{102}^{(10)}m_{202}^{(10)}-3m_{020}^{(21)}m_{102}^{(10)}m_{112}^{(00)}$$
$$+2m_{020}^{(21)}m_{102}^{(20)}m_{310}^{(21)}+m_{020}^{(21)}m_{102}^{(20)}m_{301}^{(11)}-2m_{020}^{(21)}m_{102}^{(20)}m_{220}^{(20)}-4m_{020}^{(21)}m_{102}^{(20)}m_{211}^{(10)}$$
$$+3m_{020}^{(21)}m_{102}^{(20)}m_{121}^{(00)}-m_{020}^{(21)}m_{102}^{(21)}m_{400}^{(21)}+m_{020}^{(21)}m_{102}^{(21)}m_{310}^{(20)}+m_{020}^{(21)}m_{102}^{(21)}m_{301}^{(10)}$$
$$-m_{020}^{(21)}m_{102}^{(21)}m_{211}^{(00)}+m_{020}^{(21)}m_{102}^{(22)}m_{400}^{(11)}-2m_{020}^{(21)}m_{102}^{(22)}m_{310}^{(10)}+m_{020}^{(21)}m_{102}^{(22)}m_{220}^{(00)}$$
$$-m_{020}^{(21)}m_{012}^{(00)}m_{310}^{(22)}+m_{020}^{(21)}m_{012}^{(00)}m_{301}^{(21)}+m_{020}^{(21)}m_{012}^{(00)}m_{211}^{(20)}-m_{020}^{(21)}m_{012}^{(00)}m_{202}^{(10)}$$
$$+m_{020}^{(21)}m_{012}^{(10)}m_{400}^{(22)}-2m_{020}^{(21)}m_{012}^{(10)}m_{301}^{(20)}+m_{020}^{(21)}m_{012}^{(10)}m_{202}^{(00)}-m_{020}^{(21)}m_{012}^{(20)}m_{400}^{(21)}$$
$$+m_{020}^{(21)}m_{012}^{(20)}m_{310}^{(20)}+m_{020}^{(21)}m_{012}^{(20)}m_{301}^{(10)}-m_{020}^{(21)}m_{012}^{(20)}m_{211}^{(00)}-m_{020}^{(21)}m_{003}^{(00)}m_{310}^{(21)}$$
$$+m_{020}^{(21)}m_{003}^{(00)}m_{301}^{(11)}+m_{020}^{(21)}m_{003}^{(00)}m_{220}^{(20)}-m_{020}^{(21)}m_{003}^{(00)}m_{211}^{(10)}+m_{020}^{(21)}m_{003}^{(10)}m_{400}^{(21)}$$
$$-m_{020}^{(21)}m_{003}^{(10)}m_{310}^{(20)}-m_{020}^{(21)}m_{003}^{(10)}m_{301}^{(10)}+m_{020}^{(21)}m_{003}^{(10)}m_{211}^{(00)}-m_{020}^{(21)}m_{003}^{(20)}m_{400}^{(11)}$$
$$+2m_{020}^{(21)}m_{003}^{(20)}m_{310}^{(10)}-m_{020}^{(21)}m_{003}^{(20)}m_{220}^{(00)}-m_{020}^{(22)}m_{300}^{(20)}m_{121}^{(21)}+m_{020}^{(22)}m_{300}^{(20)}m_{112}^{(11)}$$
$$+m_{020}^{(22)}m_{300}^{(20)}m_{031}^{(20)}-m_{020}^{(22)}m_{300}^{(20)}m_{022}^{(10)}+m_{020}^{(22)}m_{300}^{(21)}m_{211}^{(21)}-m_{020}^{(22)}m_{300}^{(21)}m_{121}^{(20)}$$
$$-m_{020}^{(22)}m_{300}^{(21)}m_{112}^{(10)}+m_{020}^{(22)}m_{300}^{(21)}m_{022}^{(00)}-m_{020}^{(22)}m_{300}^{(22)}m_{211}^{(11)}+2m_{020}^{(22)}m_{300}^{(22)}m_{121}^{(10)}$$
$$-m_{020}^{(22)}m_{300}^{(22)}m_{031}^{(00)}+m_{020}^{(22)}m_{210}^{(20)}m_{211}^{(21)}-m_{020}^{(22)}m_{210}^{(20)}m_{202}^{(11)}-m_{020}^{(22)}m_{210}^{(20)}m_{121}^{(20)}$$
$$+m_{020}^{(22)}m_{210}^{(20)}m_{112}^{(10)}-m_{020}^{(22)}m_{210}^{(21)}m_{301}^{(21)}+m_{020}^{(22)}m_{210}^{(21)}m_{211}^{(20)}+m_{020}^{(22)}m_{210}^{(21)}m_{202}^{(10)}$$
$$-m_{020}^{(22)}m_{210}^{(21)}m_{112}^{(00)}+m_{020}^{(22)}m_{210}^{(22)}m_{301}^{(11)}-2m_{020}^{(22)}m_{210}^{(22)}m_{211}^{(10)}+m_{020}^{(22)}m_{210}^{(22)}m_{121}^{(00)}$$
$$+m_{020}^{(22)}m_{201}^{(00)}m_{121}^{(21)}-m_{020}^{(22)}m_{201}^{(00)}m_{112}^{(11)}-m_{020}^{(22)}m_{201}^{(00)}m_{031}^{(20)}+m_{020}^{(22)}m_{201}^{(00)}m_{022}^{(10)}$$
$$-m_{020}^{(22)}m_{201}^{(10)}m_{211}^{(21)}+m_{020}^{(22)}m_{201}^{(10)}m_{121}^{(20)}+m_{020}^{(22)}m_{201}^{(10)}m_{112}^{(10)}-m_{020}^{(22)}m_{201}^{(10)}m_{022}^{(00)}$$
$$+m_{020}^{(22)}m_{201}^{(20)}m_{220}^{(21)}-m_{020}^{(22)}m_{201}^{(20)}m_{130}^{(20)}-m_{020}^{(22)}m_{201}^{(20)}m_{121}^{(10)}+m_{020}^{(22)}m_{201}^{(20)}m_{031}^{(00)}$$
$$-m_{020}^{(22)}m_{201}^{(21)}m_{310}^{(21)}+m_{020}^{(22)}m_{201}^{(21)}m_{220}^{(20)}+m_{020}^{(22)}m_{201}^{(21)}m_{211}^{(10)}-m_{020}^{(22)}m_{201}^{(21)}m_{121}^{(00)}$$
$$+m_{020}^{(22)}m_{201}^{(22)}m_{310}^{(11)}-2m_{020}^{(22)}m_{201}^{(22)}m_{220}^{(10)}+m_{020}^{(22)}m_{201}^{(22)}m_{130}^{(00)}-m_{020}^{(22)}m_{111}^{(00)}m_{211}^{(21)}$$
$$+m_{020}^{(22)}m_{111}^{(00)}m_{202}^{(11)}+m_{020}^{(22)}m_{111}^{(00)}m_{121}^{(20)}-m_{020}^{(22)}m_{111}^{(00)}m_{112}^{(10)}+m_{020}^{(22)}m_{111}^{(10)}m_{301}^{(21)}$$
$$-m_{020}^{(22)}m_{111}^{(10)}m_{211}^{(20)}-m_{020}^{(22)}m_{111}^{(10)}m_{202}^{(10)}+m_{020}^{(22)}m_{111}^{(10)}m_{112}^{(00)}-m_{020}^{(22)}m_{111}^{(20)}m_{310}^{(21)}$$
$$+m_{020}^{(22)}m_{111}^{(20)}m_{220}^{(20)}+m_{020}^{(22)}m_{111}^{(20)}m_{211}^{(10)}-m_{020}^{(22)}m_{111}^{(20)}m_{121}^{(00)}+m_{020}^{(22)}m_{111}^{(21)}m_{400}^{(21)}$$
$$-m_{020}^{(22)}m_{111}^{(21)}m_{310}^{(20)}-m_{020}^{(22)}m_{111}^{(21)}m_{301}^{(10)}+m_{020}^{(22)}m_{111}^{(21)}m_{211}^{(00)}-m_{020}^{(22)}m_{111}^{(22)}m_{400}^{(11)}$$
$$+2m_{020}^{(22)}m_{111}^{(22)}m_{310}^{(10)}-m_{020}^{(22)}m_{111}^{(22)}m_{220}^{(00)}-m_{020}^{(22)}m_{102}^{(00)}m_{220}^{(21)}+m_{020}^{(22)}m_{102}^{(00)}m_{211}^{(11)}$$
$$+m_{020}^{(22)}m_{102}^{(00)}m_{130}^{(20)}-m_{020}^{(22)}m_{102}^{(00)}m_{121}^{(10)}+m_{020}^{(22)}m_{102}^{(10)}m_{310}^{(21)}-m_{020}^{(22)}m_{102}^{(10)}m_{220}^{(20)}$$
$$-m_{020}^{(22)}m_{102}^{(10)}m_{211}^{(10)}+m_{020}^{(22)}m_{102}^{(10)}m_{121}^{(00)}-m_{020}^{(22)}m_{102}^{(20)}m_{310}^{(11)}+2m_{020}^{(22)}m_{102}^{(20)}m_{220}^{(10)}$$
$$-m_{020}^{(22)}m_{102}^{(20)}m_{130}^{(00)}+m_{020}^{(22)}m_{012}^{(00)}m_{310}^{(21)}-m_{020}^{(22)}m_{012}^{(00)}m_{301}^{(11)}-m_{020}^{(22)}m_{012}^{(00)}m_{220}^{(20)}$$
$$+m_{020}^{(22)}m_{012}^{(00)}m_{211}^{(10)}-m_{020}^{(22)}m_{012}^{(10)}m_{400}^{(21)}+m_{020}^{(22)}m_{012}^{(10)}m_{310}^{(20)}+m_{020}^{(22)}m_{012}^{(10)}m_{301}^{(10)}$$

$$
\begin{aligned}
&-m_{020}^{(22)}m_{012}^{(10)}m_{211}^{(00)}+m_{020}^{(22)}m_{012}^{(20)}m_{400}^{(11)}-2m_{020}^{(22)}m_{012}^{(20)}m_{310}^{(10)}+m_{020}^{(22)}m_{012}^{(20)}m_{220}^{(00)}\\
&+m_{011}^{(00)}m_{210}^{(10)}m_{022}^{(22)}-2m_{011}^{(00)}m_{210}^{(10)}m_{013}^{(21)}+m_{011}^{(00)}m_{210}^{(10)}m_{004}^{(11)}-m_{011}^{(00)}m_{210}^{(11)}m_{112}^{(22)}\\
&+m_{011}^{(00)}m_{210}^{(11)}m_{103}^{(21)}+m_{011}^{(00)}m_{210}^{(11)}m_{013}^{(20)}-m_{011}^{(00)}m_{210}^{(11)}m_{004}^{(10)}+m_{011}^{(00)}m_{210}^{(20)}m_{031}^{(22)}\\
&-2m_{011}^{(00)}m_{210}^{(20)}m_{022}^{(21)}+m_{011}^{(00)}m_{210}^{(20)}m_{013}^{(11)}-m_{011}^{(00)}m_{210}^{(21)}m_{121}^{(22)}+2m_{011}^{(00)}m_{210}^{(21)}m_{112}^{(21)}\\
&-m_{011}^{(00)}m_{210}^{(21)}m_{103}^{(11)}+m_{011}^{(00)}m_{210}^{(22)}m_{121}^{(21)}-m_{011}^{(00)}m_{210}^{(22)}m_{112}^{(11)}-m_{011}^{(00)}m_{210}^{(22)}m_{031}^{(20)}\\
&+m_{011}^{(00)}m_{210}^{(22)}m_{022}^{(10)}-m_{011}^{(00)}m_{201}^{(10)}m_{031}^{(22)}+2m_{011}^{(00)}m_{201}^{(10)}m_{022}^{(21)}-m_{011}^{(00)}m_{201}^{(10)}m_{013}^{(11)}\\
&+m_{011}^{(00)}m_{201}^{(11)}m_{121}^{(22)}-m_{011}^{(00)}m_{201}^{(11)}m_{112}^{(21)}-m_{011}^{(00)}m_{201}^{(11)}m_{022}^{(20)}+m_{011}^{(00)}m_{201}^{(11)}m_{013}^{(10)}\\
&-m_{011}^{(00)}m_{201}^{(20)}m_{040}^{(22)}+2m_{011}^{(00)}m_{201}^{(20)}m_{031}^{(21)}-m_{011}^{(00)}m_{201}^{(20)}m_{022}^{(11)}+m_{011}^{(00)}m_{201}^{(21)}m_{130}^{(22)}\\
&-2m_{011}^{(00)}m_{201}^{(21)}m_{121}^{(21)}+m_{011}^{(00)}m_{201}^{(21)}m_{112}^{(11)}-m_{011}^{(00)}m_{201}^{(22)}m_{130}^{(21)}+m_{011}^{(00)}m_{201}^{(22)}m_{121}^{(11)}\\
&+m_{011}^{(00)}m_{201}^{(22)}m_{040}^{(20)}-m_{011}^{(00)}m_{201}^{(22)}m_{031}^{(10)}-m_{011}^{(00)}m_{120}^{(00)}m_{022}^{(22)}+2m_{011}^{(00)}m_{120}^{(00)}m_{013}^{(21)}\\
&-m_{011}^{(00)}m_{120}^{(00)}m_{004}^{(11)}+m_{011}^{(00)}m_{120}^{(10)}m_{112}^{(22)}-m_{011}^{(00)}m_{120}^{(10)}m_{103}^{(21)}-m_{011}^{(00)}m_{120}^{(10)}m_{013}^{(20)}\\
&+m_{011}^{(00)}m_{120}^{(10)}m_{004}^{(10)}-m_{011}^{(00)}m_{120}^{(20)}m_{121}^{(22)}+m_{011}^{(00)}m_{120}^{(20)}m_{112}^{(21)}+m_{011}^{(00)}m_{120}^{(20)}m_{022}^{(20)}\\
&-m_{011}^{(00)}m_{120}^{(20)}m_{013}^{(10)}+m_{011}^{(00)}m_{120}^{(21)}m_{211}^{(22)}-m_{011}^{(00)}m_{120}^{(21)}m_{202}^{(21)}-m_{011}^{(00)}m_{120}^{(21)}m_{112}^{(20)}\\
&+m_{011}^{(00)}m_{120}^{(21)}m_{103}^{(10)}-m_{011}^{(00)}m_{120}^{(22)}m_{211}^{(21)}+m_{011}^{(00)}m_{120}^{(22)}m_{202}^{(11)}+m_{011}^{(00)}m_{120}^{(22)}m_{121}^{(20)}\\
&-m_{011}^{(00)}m_{120}^{(22)}m_{112}^{(10)}-m_{011}^{(00)}m_{111}^{(10)}m_{121}^{(22)}+2m_{011}^{(00)}m_{111}^{(10)}m_{112}^{(21)}-m_{011}^{(00)}m_{111}^{(10)}m_{103}^{(11)}\\
&+m_{011}^{(00)}m_{111}^{(11)}m_{211}^{(22)}-m_{011}^{(00)}m_{111}^{(11)}m_{202}^{(21)}-m_{011}^{(00)}m_{111}^{(11)}m_{112}^{(20)}+m_{011}^{(00)}m_{111}^{(11)}m_{103}^{(10)}\\
&+m_{011}^{(00)}m_{111}^{(20)}m_{130}^{(22)}-2m_{011}^{(00)}m_{111}^{(20)}m_{121}^{(21)}+m_{011}^{(00)}m_{111}^{(20)}m_{112}^{(11)}-m_{011}^{(00)}m_{111}^{(21)}m_{220}^{(22)}\\
&+m_{011}^{(00)}m_{111}^{(21)}m_{202}^{(11)}+2m_{011}^{(00)}m_{111}^{(21)}m_{121}^{(20)}-2m_{011}^{(00)}m_{111}^{(21)}m_{112}^{(10)}+m_{011}^{(00)}m_{111}^{(22)}m_{220}^{(21)}\\
&-m_{011}^{(00)}m_{111}^{(22)}m_{211}^{(11)}-m_{011}^{(00)}m_{111}^{(22)}m_{130}^{(20)}+m_{011}^{(00)}m_{111}^{(22)}m_{121}^{(10)}+m_{011}^{(00)}m_{102}^{(00)}m_{040}^{(22)}\\
&-2m_{011}^{(00)}m_{102}^{(00)}m_{031}^{(21)}+m_{011}^{(00)}m_{102}^{(00)}m_{022}^{(11)}-m_{011}^{(00)}m_{102}^{(10)}m_{121}^{(21)}+m_{011}^{(00)}m_{102}^{(10)}m_{112}^{(11)}\\
&+m_{011}^{(00)}m_{102}^{(10)}m_{031}^{(20)}-m_{011}^{(00)}m_{102}^{(10)}m_{022}^{(10)}-m_{011}^{(00)}m_{102}^{(11)}m_{220}^{(22)}+m_{011}^{(00)}m_{102}^{(11)}m_{211}^{(21)}\\
&+m_{011}^{(00)}m_{102}^{(11)}m_{121}^{(20)}-m_{011}^{(00)}m_{102}^{(11)}m_{112}^{(10)}+m_{011}^{(00)}m_{102}^{(20)}m_{130}^{(21)}-m_{011}^{(00)}m_{102}^{(20)}m_{121}^{(11)}\\
&-m_{011}^{(00)}m_{102}^{(20)}m_{040}^{(20)}+m_{011}^{(00)}m_{102}^{(20)}m_{031}^{(10)}+m_{011}^{(00)}m_{102}^{(21)}m_{220}^{(21)}-m_{011}^{(00)}m_{102}^{(21)}m_{211}^{(11)}\\
&-m_{011}^{(00)}m_{102}^{(21)}m_{130}^{(20)}+m_{011}^{(00)}m_{102}^{(21)}m_{121}^{(10)}+2m_{011}^{(00)}m_{021}^{(00)}m_{121}^{(22)}-4m_{011}^{(00)}m_{021}^{(00)}m_{112}^{(21)}\\
&+2m_{011}^{(00)}m_{021}^{(00)}m_{103}^{(11)}-2m_{011}^{(00)}m_{021}^{(10)}m_{211}^{(22)}+2m_{011}^{(00)}m_{021}^{(10)}m_{202}^{(21)}+2m_{011}^{(00)}m_{021}^{(10)}m_{112}^{(20)}\\
&-2m_{011}^{(00)}m_{021}^{(10)}m_{103}^{(10)}+2m_{011}^{(00)}m_{021}^{(20)}m_{211}^{(21)}-2m_{011}^{(00)}m_{021}^{(20)}m_{202}^{(11)}-2m_{011}^{(00)}m_{021}^{(20)}m_{121}^{(20)}\\
&+2m_{011}^{(00)}m_{021}^{(20)}m_{112}^{(10)}-2m_{011}^{(00)}m_{012}^{(00)}m_{130}^{(22)}+4m_{011}^{(00)}m_{012}^{(00)}m_{121}^{(21)}-2m_{011}^{(00)}m_{012}^{(00)}m_{112}^{(11)}\\
&+2m_{011}^{(00)}m_{012}^{(10)}m_{220}^{(22)}-2m_{011}^{(00)}m_{012}^{(10)}m_{211}^{(21)}-2m_{011}^{(00)}m_{012}^{(10)}m_{121}^{(20)}+2m_{011}^{(00)}m_{012}^{(10)}m_{112}^{(10)}\\
&-2m_{011}^{(00)}m_{012}^{(20)}m_{220}^{(21)}+2m_{011}^{(00)}m_{012}^{(20)}m_{211}^{(11)}+2m_{011}^{(00)}m_{012}^{(20)}m_{130}^{(20)}-2m_{011}^{(00)}m_{012}^{(20)}m_{121}^{(10)}\\
&-m_{011}^{(10)}m_{300}^{(10)}m_{022}^{(22)}+2m_{011}^{(10)}m_{300}^{(10)}m_{013}^{(21)}-m_{011}^{(10)}m_{300}^{(10)}m_{004}^{(11)}+m_{011}^{(10)}m_{300}^{(11)}m_{112}^{(22)}\\
&-m_{011}^{(10)}m_{300}^{(11)}m_{103}^{(21)}-m_{011}^{(10)}m_{300}^{(11)}m_{013}^{(20)}+m_{011}^{(10)}m_{300}^{(11)}m_{004}^{(10)}-m_{011}^{(10)}m_{300}^{(20)}m_{031}^{(22)}\\
&+2m_{011}^{(10)}m_{300}^{(20)}m_{022}^{(21)}-m_{011}^{(10)}m_{300}^{(20)}m_{013}^{(11)}+m_{011}^{(10)}m_{300}^{(21)}m_{121}^{(22)}-2m_{011}^{(10)}m_{300}^{(21)}m_{112}^{(21)}\\
&+m_{011}^{(10)}m_{300}^{(21)}m_{103}^{(11)}-m_{011}^{(10)}m_{300}^{(22)}m_{121}^{(21)}+m_{011}^{(10)}m_{300}^{(22)}m_{112}^{(11)}+m_{011}^{(10)}m_{300}^{(22)}m_{031}^{(20)}\\
&-m_{011}^{(10)}m_{300}^{(22)}m_{022}^{(10)}+m_{011}^{(10)}m_{210}^{(00)}m_{022}^{(22)}-2m_{011}^{(10)}m_{210}^{(00)}m_{013}^{(21)}+m_{011}^{(10)}m_{210}^{(00)}m_{004}^{(11)}\\
&-2m_{011}^{(10)}m_{210}^{(10)}m_{112}^{(22)}+2m_{011}^{(10)}m_{210}^{(10)}m_{103}^{(21)}+2m_{011}^{(10)}m_{210}^{(10)}m_{013}^{(20)}-2m_{011}^{(10)}m_{210}^{(10)}m_{004}^{(10)}\\
&+m_{011}^{(10)}m_{210}^{(11)}m_{202}^{(22)}-2m_{011}^{(10)}m_{210}^{(11)}m_{103}^{(20)}+m_{011}^{(10)}m_{210}^{(11)}m_{004}^{(00)}-m_{011}^{(10)}m_{210}^{(11)}m_{202}^{(11)}\\
&+2m_{011}^{(10)}m_{210}^{(22)}m_{112}^{(10)}-m_{011}^{(10)}m_{210}^{(22)}m_{022}^{(00)}+m_{011}^{(10)}m_{201}^{(00)}m_{031}^{(22)}-2m_{011}^{(10)}m_{201}^{(00)}m_{022}^{(21)}\\
&+m_{011}^{(10)}m_{201}^{(00)}m_{013}^{(11)}+2m_{011}^{(10)}m_{201}^{(10)}m_{121}^{(22)}-4m_{011}^{(10)}m_{201}^{(10)}m_{112}^{(21)}+2m_{011}^{(10)}m_{201}^{(10)}m_{103}^{(11)}
\end{aligned}
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\begin{aligned}
&-3m_{011}^{(10)}m_{201}^{(11)}m_{211}^{(22)}+2m_{011}^{(10)}m_{201}^{(11)}m_{202}^{(21)}+4m_{011}^{(10)}m_{201}^{(11)}m_{112}^{(20)}-2m_{011}^{(10)}m_{201}^{(11)}m_{103}^{(10)}\\
&-m_{011}^{(10)}m_{201}^{(11)}m_{013}^{(00)}+2m_{011}^{(10)}m_{201}^{(20)}m_{130}^{(22)}-2m_{011}^{(10)}m_{201}^{(20)}m_{121}^{(21)}-2m_{011}^{(10)}m_{201}^{(20)}m_{031}^{(20)}\\
&+2m_{011}^{(10)}m_{201}^{(20)}m_{022}^{(10)}-2m_{011}^{(10)}m_{201}^{(21)}m_{220}^{(22)}+4m_{011}^{(10)}m_{201}^{(21)}m_{211}^{(21)}-2m_{011}^{(10)}m_{201}^{(21)}m_{202}^{(11)}\\
&+2m_{011}^{(10)}m_{201}^{(22)}m_{220}^{(21)}-m_{011}^{(10)}m_{201}^{(22)}m_{211}^{(11)}-2m_{011}^{(10)}m_{201}^{(22)}m_{130}^{(20)}+m_{011}^{(10)}m_{201}^{(22)}m_{031}^{(00)}\\
&+m_{011}^{(10)}m_{120}^{(00)}m_{112}^{(22)}-m_{011}^{(10)}m_{120}^{(00)}m_{103}^{(21)}-m_{011}^{(10)}m_{120}^{(00)}m_{013}^{(20)}+m_{011}^{(10)}m_{120}^{(00)}m_{004}^{(10)}\\
&-m_{011}^{(10)}m_{120}^{(10)}m_{202}^{(22)}+2m_{011}^{(10)}m_{120}^{(10)}m_{103}^{(20)}-m_{011}^{(10)}m_{120}^{(10)}m_{004}^{(00)}+m_{011}^{(10)}m_{120}^{(20)}m_{211}^{(22)}\\
&-2m_{011}^{(10)}m_{120}^{(20)}m_{112}^{(20)}+m_{011}^{(10)}m_{120}^{(20)}m_{013}^{(00)}-m_{011}^{(10)}m_{120}^{(21)}m_{301}^{(22)}+2m_{011}^{(10)}m_{120}^{(21)}m_{202}^{(20)}\\
&-m_{011}^{(10)}m_{120}^{(21)}m_{103}^{(00)}+m_{011}^{(10)}m_{120}^{(22)}m_{301}^{(21)}-m_{011}^{(10)}m_{120}^{(22)}m_{211}^{(20)}-m_{011}^{(10)}m_{120}^{(22)}m_{202}^{(10)}\\
&+m_{011}^{(10)}m_{120}^{(22)}m_{112}^{(00)}-3m_{011}^{(10)}m_{111}^{(00)}m_{121}^{(22)}+6m_{011}^{(10)}m_{111}^{(00)}m_{112}^{(21)}-3m_{011}^{(10)}m_{111}^{(00)}m_{103}^{(11)}\\
&+4m_{011}^{(10)}m_{111}^{(10)}m_{211}^{(22)}-4m_{011}^{(10)}m_{111}^{(10)}m_{202}^{(21)}-4m_{011}^{(10)}m_{111}^{(10)}m_{112}^{(20)}+4m_{011}^{(10)}m_{111}^{(10)}m_{103}^{(10)}\\
&-m_{011}^{(10)}m_{111}^{(11)}m_{301}^{(22)}+2m_{011}^{(10)}m_{111}^{(11)}m_{202}^{(20)}-m_{011}^{(10)}m_{111}^{(11)}m_{103}^{(00)}-2m_{011}^{(10)}m_{111}^{(20)}m_{220}^{(22)}\\
&+2m_{011}^{(10)}m_{111}^{(20)}m_{202}^{(11)}+4m_{011}^{(10)}m_{111}^{(20)}m_{121}^{(20)}-4m_{011}^{(10)}m_{111}^{(20)}m_{112}^{(10)}+2m_{011}^{(10)}m_{111}^{(21)}m_{310}^{(22)}\\
&-4m_{011}^{(10)}m_{111}^{(21)}m_{211}^{(20)}+2m_{011}^{(10)}m_{111}^{(21)}m_{112}^{(00)}-2m_{011}^{(10)}m_{111}^{(22)}m_{310}^{(21)}+m_{011}^{(10)}m_{111}^{(22)}m_{301}^{(11)}\\
&+2m_{011}^{(10)}m_{111}^{(22)}m_{220}^{(20)}-m_{011}^{(10)}m_{111}^{(22)}m_{121}^{(00)}-2m_{011}^{(10)}m_{102}^{(00)}m_{130}^{(22)}+3m_{011}^{(10)}m_{102}^{(00)}m_{121}^{(21)}\\
&-m_{011}^{(10)}m_{102}^{(00)}m_{112}^{(11)}+m_{011}^{(10)}m_{102}^{(00)}m_{031}^{(20)}-m_{011}^{(10)}m_{102}^{(00)}m_{022}^{(10)}+2m_{011}^{(10)}m_{102}^{(10)}m_{211}^{(21)}\\
&-m_{011}^{(10)}m_{102}^{(10)}m_{202}^{(11)}-2m_{011}^{(10)}m_{102}^{(10)}m_{121}^{(20)}+m_{011}^{(10)}m_{102}^{(10)}m_{022}^{(00)}+2m_{011}^{(10)}m_{102}^{(11)}m_{310}^{(22)}\\
&-m_{011}^{(10)}m_{102}^{(11)}m_{301}^{(21)}-3m_{011}^{(10)}m_{102}^{(11)}m_{211}^{(20)}+m_{011}^{(10)}m_{102}^{(11)}m_{202}^{(10)}+m_{011}^{(10)}m_{102}^{(11)}m_{112}^{(00)}\\
&-2m_{011}^{(10)}m_{102}^{(20)}m_{220}^{(21)}+m_{011}^{(10)}m_{102}^{(20)}m_{211}^{(11)}+2m_{011}^{(10)}m_{102}^{(20)}m_{130}^{(20)}-m_{011}^{(10)}m_{102}^{(20)}m_{031}^{(00)}\\
&-2m_{011}^{(10)}m_{102}^{(21)}m_{310}^{(21)}+m_{011}^{(10)}m_{102}^{(21)}m_{301}^{(11)}+2m_{011}^{(10)}m_{102}^{(21)}m_{220}^{(20)}-m_{011}^{(10)}m_{102}^{(21)}m_{121}^{(00)}\\
&-2m_{011}^{(10)}m_{021}^{(00)}m_{211}^{(22)}+2m_{011}^{(10)}m_{021}^{(00)}m_{202}^{(21)}+2m_{011}^{(10)}m_{021}^{(00)}m_{112}^{(20)}-2m_{011}^{(10)}m_{021}^{(00)}m_{103}^{(10)}\\
&+2m_{011}^{(10)}m_{021}^{(10)}m_{301}^{(22)}-4m_{011}^{(10)}m_{021}^{(10)}m_{202}^{(20)}+2m_{011}^{(10)}m_{021}^{(10)}m_{103}^{(00)}-2m_{011}^{(10)}m_{021}^{(20)}m_{301}^{(21)}\\
&+2m_{011}^{(10)}m_{021}^{(20)}m_{211}^{(20)}+2m_{011}^{(10)}m_{021}^{(20)}m_{202}^{(10)}-2m_{011}^{(10)}m_{021}^{(20)}m_{112}^{(00)}+4m_{011}^{(10)}m_{012}^{(00)}m_{220}^{(22)}\\
&-6m_{011}^{(10)}m_{012}^{(00)}m_{211}^{(21)}+2m_{011}^{(10)}m_{012}^{(00)}m_{202}^{(11)}-2m_{011}^{(10)}m_{012}^{(00)}m_{121}^{(20)}+2m_{011}^{(10)}m_{012}^{(00)}m_{112}^{(10)}\\
&-4m_{011}^{(10)}m_{012}^{(10)}m_{310}^{(22)}+2m_{011}^{(10)}m_{012}^{(10)}m_{301}^{(21)}+6m_{011}^{(10)}m_{012}^{(10)}m_{211}^{(20)}-2m_{011}^{(10)}m_{012}^{(10)}m_{202}^{(10)}\\
&-2m_{011}^{(10)}m_{012}^{(10)}m_{112}^{(00)}+4m_{011}^{(10)}m_{012}^{(20)}m_{310}^{(21)}-2m_{011}^{(10)}m_{012}^{(20)}m_{301}^{(11)}-4m_{011}^{(10)}m_{012}^{(20)}m_{220}^{(20)}\\
&+2m_{011}^{(10)}m_{012}^{(20)}m_{121}^{(00)}+m_{011}^{(11)}m_{300}^{(10)}m_{112}^{(22)}-m_{011}^{(11)}m_{300}^{(10)}m_{103}^{(21)}-m_{011}^{(11)}m_{300}^{(10)}m_{013}^{(20)}\\
&+m_{011}^{(11)}m_{300}^{(10)}m_{004}^{(10)}-m_{011}^{(11)}m_{300}^{(11)}m_{202}^{(22)}+2m_{011}^{(11)}m_{300}^{(11)}m_{103}^{(20)}-m_{011}^{(11)}m_{300}^{(11)}m_{004}^{(00)}\\
&+m_{011}^{(11)}m_{300}^{(20)}m_{121}^{(22)}-m_{011}^{(11)}m_{300}^{(20)}m_{112}^{(21)}-m_{011}^{(11)}m_{300}^{(20)}m_{022}^{(20)}+m_{011}^{(11)}m_{300}^{(20)}m_{013}^{(10)}\\
&-m_{011}^{(11)}m_{300}^{(21)}m_{211}^{(22)}+m_{011}^{(11)}m_{300}^{(21)}m_{202}^{(21)}+m_{011}^{(11)}m_{300}^{(21)}m_{112}^{(20)}-m_{011}^{(11)}m_{300}^{(21)}m_{103}^{(10)}\\
&+m_{011}^{(11)}m_{300}^{(22)}m_{211}^{(21)}-m_{011}^{(11)}m_{300}^{(22)}m_{121}^{(20)}-m_{011}^{(11)}m_{300}^{(22)}m_{112}^{(10)}+m_{011}^{(11)}m_{300}^{(22)}m_{022}^{(00)}\\
&-m_{011}^{(11)}m_{210}^{(00)}m_{112}^{(22)}+m_{011}^{(11)}m_{210}^{(00)}m_{103}^{(21)}+m_{011}^{(11)}m_{210}^{(00)}m_{013}^{(20)}-m_{011}^{(11)}m_{210}^{(00)}m_{004}^{(10)}\\
&+m_{011}^{(11)}m_{210}^{(10)}m_{202}^{(22)}-2m_{011}^{(11)}m_{210}^{(10)}m_{103}^{(20)}+m_{011}^{(11)}m_{210}^{(10)}m_{004}^{(00)}-m_{011}^{(11)}m_{210}^{(20)}m_{211}^{(22)}\\
&+2m_{011}^{(11)}m_{210}^{(20)}m_{112}^{(20)}-m_{011}^{(11)}m_{210}^{(20)}m_{013}^{(00)}+m_{011}^{(11)}m_{210}^{(21)}m_{301}^{(22)}-2m_{011}^{(11)}m_{210}^{(21)}m_{202}^{(20)}\\
&+m_{011}^{(11)}m_{210}^{(21)}m_{103}^{(00)}-m_{011}^{(11)}m_{210}^{(22)}m_{301}^{(21)}+m_{011}^{(11)}m_{210}^{(22)}m_{211}^{(20)}+m_{011}^{(11)}m_{210}^{(22)}m_{202}^{(10)}\\
&-m_{011}^{(11)}m_{210}^{(22)}m_{112}^{(00)}-m_{011}^{(11)}m_{201}^{(00)}m_{121}^{(22)}+m_{011}^{(11)}m_{201}^{(00)}m_{112}^{(21)}+m_{011}^{(11)}m_{201}^{(00)}m_{022}^{(20)}\\
&-m_{011}^{(11)}m_{201}^{(00)}m_{013}^{(10)}-m_{011}^{(11)}m_{201}^{(10)}m_{211}^{(22)}+2m_{011}^{(11)}m_{201}^{(10)}m_{202}^{(21)}-2m_{011}^{(11)}m_{201}^{(10)}m_{103}^{(10)}\\
&+m_{011}^{(11)}m_{201}^{(10)}m_{013}^{(00)}+2m_{011}^{(11)}m_{201}^{(11)}m_{301}^{(22)}-4m_{011}^{(11)}m_{201}^{(11)}m_{202}^{(20)}+2m_{011}^{(11)}m_{201}^{(11)}m_{103}^{(00)}\\
&-m_{011}^{(11)}m_{201}^{(20)}m_{220}^{(22)}+2m_{011}^{(11)}m_{201}^{(20)}m_{121}^{(20)}-m_{011}^{(11)}m_{201}^{(20)}m_{022}^{(00)}+m_{011}^{(11)}m_{201}^{(21)}m_{310}^{(22)}
\end{aligned}
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\begin{aligned}
&-2m_{011}^{(11)}m_{201}^{(21)}m_{301}^{(21)}+2m_{011}^{(11)}m_{201}^{(21)}m_{202}^{(10)}-m_{011}^{(11)}m_{201}^{(21)}m_{112}^{(00)}-m_{011}^{(11)}m_{201}^{(22)}m_{310}^{(21)}\\
&+m_{011}^{(11)}m_{201}^{(22)}m_{220}^{(20)}+m_{011}^{(11)}m_{201}^{(22)}m_{211}^{(10)}-m_{011}^{(11)}m_{201}^{(22)}m_{121}^{(00)}+3m_{011}^{(11)}m_{111}^{(00)}m_{211}^{(22)}\\
&-3m_{011}^{(11)}m_{111}^{(00)}m_{202}^{(21)}-3m_{011}^{(11)}m_{111}^{(00)}m_{112}^{(20)}+3m_{011}^{(11)}m_{111}^{(00)}m_{103}^{(10)}-3m_{011}^{(11)}m_{111}^{(10)}m_{301}^{(22)}\\
&+6m_{011}^{(11)}m_{111}^{(10)}m_{202}^{(20)}-3m_{011}^{(11)}m_{111}^{(10)}m_{103}^{(00)}+m_{011}^{(11)}m_{111}^{(20)}m_{310}^{(22)}+2m_{011}^{(11)}m_{111}^{(20)}m_{301}^{(21)}\\
&-4m_{011}^{(11)}m_{111}^{(20)}m_{211}^{(20)}-2m_{011}^{(11)}m_{111}^{(20)}m_{202}^{(10)}+3m_{011}^{(11)}m_{111}^{(20)}m_{112}^{(00)}-m_{011}^{(11)}m_{111}^{(21)}m_{400}^{(22)}\\
&+2m_{011}^{(11)}m_{111}^{(21)}m_{301}^{(20)}-m_{011}^{(11)}m_{111}^{(21)}m_{202}^{(00)}+m_{011}^{(11)}m_{111}^{(22)}m_{400}^{(21)}-m_{011}^{(11)}m_{111}^{(22)}m_{310}^{(20)}\\
&-m_{011}^{(11)}m_{111}^{(22)}m_{301}^{(10)}+m_{011}^{(11)}m_{111}^{(22)}m_{211}^{(00)}+m_{011}^{(11)}m_{102}^{(00)}m_{220}^{(22)}-m_{011}^{(11)}m_{102}^{(00)}m_{211}^{(21)}\\
&-m_{011}^{(11)}m_{102}^{(00)}m_{121}^{(20)}+m_{011}^{(11)}m_{102}^{(00)}m_{112}^{(10)}-m_{011}^{(11)}m_{102}^{(10)}m_{301}^{(21)}+m_{011}^{(11)}m_{102}^{(10)}m_{211}^{(20)}\\
&+m_{011}^{(11)}m_{102}^{(10)}m_{202}^{(10)}-m_{011}^{(11)}m_{102}^{(10)}m_{112}^{(00)}-m_{011}^{(11)}m_{102}^{(11)}m_{400}^{(22)}+2m_{011}^{(11)}m_{102}^{(11)}m_{301}^{(20)}\\
&-m_{011}^{(11)}m_{102}^{(11)}m_{202}^{(00)}+m_{011}^{(11)}m_{102}^{(20)}m_{310}^{(21)}-m_{011}^{(11)}m_{102}^{(20)}m_{220}^{(20)}-m_{011}^{(11)}m_{102}^{(20)}m_{211}^{(10)}\\
&+m_{011}^{(11)}m_{102}^{(20)}m_{121}^{(00)}+m_{011}^{(11)}m_{102}^{(21)}m_{400}^{(21)}-m_{011}^{(11)}m_{102}^{(21)}m_{310}^{(20)}-m_{011}^{(11)}m_{102}^{(21)}m_{301}^{(10)}\\
&+m_{011}^{(11)}m_{102}^{(21)}m_{211}^{(00)}-2m_{011}^{(11)}m_{012}^{(00)}m_{310}^{(22)}+2m_{011}^{(11)}m_{012}^{(00)}m_{301}^{(21)}+2m_{011}^{(11)}m_{012}^{(00)}m_{211}^{(20)}\\
&-2m_{011}^{(11)}m_{012}^{(00)}m_{202}^{(10)}+2m_{011}^{(11)}m_{012}^{(10)}m_{400}^{(22)}-4m_{011}^{(11)}m_{012}^{(10)}m_{301}^{(20)}+2m_{011}^{(11)}m_{012}^{(10)}m_{202}^{(00)}\\
&-2m_{011}^{(11)}m_{012}^{(20)}m_{400}^{(21)}+2m_{011}^{(11)}m_{012}^{(20)}m_{310}^{(20)}+2m_{011}^{(11)}m_{012}^{(20)}m_{301}^{(10)}-2m_{011}^{(11)}m_{012}^{(20)}m_{211}^{(00)}\\
&+m_{011}^{(20)}m_{300}^{(10)}m_{031}^{(22)}-2m_{011}^{(20)}m_{300}^{(10)}m_{022}^{(21)}+m_{011}^{(20)}m_{300}^{(10)}m_{013}^{(11)}-m_{011}^{(20)}m_{300}^{(11)}m_{121}^{(22)}\\
&+m_{011}^{(20)}m_{300}^{(11)}m_{112}^{(21)}+m_{011}^{(20)}m_{300}^{(11)}m_{022}^{(20)}-m_{011}^{(20)}m_{300}^{(11)}m_{013}^{(10)}+m_{011}^{(20)}m_{300}^{(20)}m_{040}^{(22)}\\
&-2m_{011}^{(20)}m_{300}^{(20)}m_{031}^{(21)}+m_{011}^{(20)}m_{300}^{(20)}m_{022}^{(11)}-m_{011}^{(20)}m_{300}^{(21)}m_{130}^{(22)}+2m_{011}^{(20)}m_{300}^{(21)}m_{121}^{(21)}\\
&-m_{011}^{(20)}m_{300}^{(21)}m_{112}^{(11)}+m_{011}^{(20)}m_{300}^{(22)}m_{130}^{(21)}-m_{011}^{(20)}m_{300}^{(22)}m_{121}^{(11)}-m_{011}^{(20)}m_{300}^{(22)}m_{040}^{(20)}\\
&+m_{011}^{(20)}m_{300}^{(22)}m_{031}^{(10)}-m_{011}^{(20)}m_{210}^{(00)}m_{031}^{(22)}+2m_{011}^{(20)}m_{210}^{(00)}m_{022}^{(21)}-m_{011}^{(20)}m_{210}^{(00)}m_{013}^{(11)}\\
&+2m_{011}^{(20)}m_{210}^{(10)}m_{112}^{(21)}-2m_{011}^{(20)}m_{210}^{(10)}m_{103}^{(11)}-2m_{011}^{(20)}m_{210}^{(10)}m_{022}^{(20)}+2m_{011}^{(20)}m_{210}^{(10)}m_{013}^{(10)}\\
&+m_{011}^{(20)}m_{210}^{(11)}m_{211}^{(22)}-2m_{011}^{(20)}m_{210}^{(11)}m_{202}^{(21)}+2m_{011}^{(20)}m_{210}^{(11)}m_{103}^{(10)}-m_{011}^{(20)}m_{210}^{(11)}m_{013}^{(00)}\\
&-2m_{011}^{(20)}m_{210}^{(20)}m_{130}^{(22)}+4m_{011}^{(20)}m_{210}^{(20)}m_{121}^{(21)}-2m_{011}^{(20)}m_{210}^{(20)}m_{112}^{(11)}+2m_{011}^{(20)}m_{210}^{(21)}m_{220}^{(22)}\\
&-4m_{011}^{(20)}m_{210}^{(21)}m_{211}^{(21)}+2m_{011}^{(20)}m_{210}^{(21)}m_{202}^{(11)}-2m_{011}^{(20)}m_{210}^{(22)}m_{220}^{(21)}+3m_{011}^{(20)}m_{210}^{(22)}m_{211}^{(11)}\\
&+2m_{011}^{(20)}m_{210}^{(22)}m_{130}^{(20)}-4m_{011}^{(20)}m_{210}^{(22)}m_{121}^{(10)}+m_{011}^{(20)}m_{210}^{(22)}m_{031}^{(00)}-m_{011}^{(20)}m_{201}^{(00)}m_{040}^{(22)}\\
&+2m_{011}^{(20)}m_{201}^{(00)}m_{031}^{(21)}-m_{011}^{(20)}m_{201}^{(00)}m_{022}^{(11)}+m_{011}^{(20)}m_{201}^{(11)}m_{220}^{(22)}-2m_{011}^{(20)}m_{201}^{(11)}m_{121}^{(20)}\\
&+m_{011}^{(20)}m_{201}^{(11)}m_{022}^{(00)}-2m_{011}^{(20)}m_{201}^{(20)}m_{130}^{(21)}+2m_{011}^{(20)}m_{201}^{(20)}m_{121}^{(11)}+2m_{011}^{(20)}m_{201}^{(20)}m_{040}^{(20)}\\
&-2m_{011}^{(20)}m_{201}^{(20)}m_{031}^{(10)}-m_{011}^{(20)}m_{201}^{(22)}m_{220}^{(11)}+2m_{011}^{(20)}m_{201}^{(22)}m_{130}^{(10)}-m_{011}^{(20)}m_{201}^{(22)}m_{040}^{(00)}\\
&+m_{011}^{(20)}m_{120}^{(00)}m_{121}^{(22)}-3m_{011}^{(20)}m_{120}^{(00)}m_{112}^{(21)}+2m_{011}^{(20)}m_{120}^{(00)}m_{103}^{(11)}+m_{011}^{(20)}m_{120}^{(00)}m_{022}^{(20)}\\
&-m_{011}^{(20)}m_{120}^{(00)}m_{013}^{(10)}-m_{011}^{(20)}m_{120}^{(10)}m_{211}^{(22)}+2m_{011}^{(20)}m_{120}^{(10)}m_{202}^{(21)}-2m_{011}^{(20)}m_{120}^{(10)}m_{103}^{(10)}\\
&+m_{011}^{(20)}m_{120}^{(10)}m_{013}^{(00)}+m_{011}^{(20)}m_{120}^{(20)}m_{220}^{(22)}-2m_{011}^{(20)}m_{120}^{(20)}m_{211}^{(21)}+2m_{011}^{(20)}m_{120}^{(20)}m_{112}^{(10)}\\
&-m_{011}^{(20)}m_{120}^{(20)}m_{022}^{(00)}-m_{011}^{(20)}m_{120}^{(21)}m_{310}^{(22)}+2m_{011}^{(20)}m_{120}^{(21)}m_{301}^{(21)}-2m_{011}^{(20)}m_{120}^{(21)}m_{202}^{(10)}\\
&+m_{011}^{(20)}m_{120}^{(21)}m_{112}^{(00)}+m_{011}^{(20)}m_{120}^{(22)}m_{310}^{(21)}-2m_{011}^{(20)}m_{120}^{(22)}m_{301}^{(11)}-m_{011}^{(20)}m_{120}^{(22)}m_{220}^{(20)}\\
&+3m_{011}^{(20)}m_{120}^{(22)}m_{211}^{(10)}-m_{011}^{(20)}m_{120}^{(22)}m_{121}^{(00)}+3m_{011}^{(20)}m_{111}^{(00)}m_{130}^{(22)}-6m_{011}^{(20)}m_{111}^{(00)}m_{121}^{(21)}\\
&+3m_{011}^{(20)}m_{111}^{(00)}m_{112}^{(11)}-2m_{011}^{(20)}m_{111}^{(10)}m_{220}^{(22)}+2m_{011}^{(20)}m_{111}^{(10)}m_{202}^{(11)}+4m_{011}^{(20)}m_{111}^{(10)}m_{121}^{(20)}\\
&-4m_{011}^{(20)}m_{111}^{(10)}m_{112}^{(10)}-m_{011}^{(20)}m_{111}^{(11)}m_{310}^{(22)}+2m_{011}^{(20)}m_{111}^{(11)}m_{301}^{(21)}-2m_{011}^{(20)}m_{111}^{(11)}m_{202}^{(10)}\\
&+m_{011}^{(20)}m_{111}^{(11)}m_{112}^{(00)}+4m_{011}^{(20)}m_{111}^{(20)}m_{220}^{(21)}-4m_{011}^{(20)}m_{111}^{(20)}m_{211}^{(11)}-4m_{011}^{(20)}m_{111}^{(20)}m_{130}^{(20)}\\
&+4m_{011}^{(20)}m_{111}^{(20)}m_{121}^{(10)}-2m_{011}^{(20)}m_{111}^{(21)}m_{301}^{(11)}+4m_{011}^{(20)}m_{111}^{(21)}m_{211}^{(10)}-2m_{011}^{(20)}m_{111}^{(21)}m_{121}^{(00)}\\
&+m_{011}^{(20)}m_{111}^{(22)}m_{310}^{(11)}-2m_{011}^{(20)}m_{111}^{(22)}m_{220}^{(10)}+m_{011}^{(20)}m_{111}^{(22)}m_{130}^{(00)}+m_{011}^{(20)}m_{102}^{(00)}m_{130}^{(21)}
\end{aligned}
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\begin{aligned}
&-m_{011}^{(20)}m_{102}^{(00)}m_{121}^{(11)} - m_{011}^{(20)}m_{102}^{(00)}m_{040}^{(20)} + m_{011}^{(20)}m_{102}^{(00)}m_{031}^{(10)} - m_{011}^{(20)}m_{102}^{(10)}m_{211}^{(11)}\\
&+2m_{011}^{(20)}m_{102}^{(10)}m_{121}^{(10)} - m_{011}^{(20)}m_{102}^{(10)}m_{031}^{(00)} - m_{011}^{(20)}m_{102}^{(11)}m_{310}^{(21)} + m_{011}^{(20)}m_{102}^{(11)}m_{220}^{(20)}\\
&+m_{011}^{(20)}m_{102}^{(11)}m_{211}^{(10)} - m_{011}^{(20)}m_{102}^{(11)}m_{121}^{(00)} + m_{011}^{(20)}m_{102}^{(20)}m_{220}^{(11)} - 2m_{011}^{(20)}m_{102}^{(20)}m_{130}^{(10)}\\
&+m_{011}^{(20)}m_{102}^{(20)}m_{040}^{(00)} + m_{011}^{(20)}m_{102}^{(21)}m_{310}^{(11)} - 2m_{011}^{(20)}m_{102}^{(21)}m_{220}^{(10)} + m_{011}^{(20)}m_{102}^{(21)}m_{130}^{(00)}\\
&-2m_{011}^{(20)}m_{021}^{(00)}m_{220}^{(22)} + 6m_{011}^{(20)}m_{021}^{(00)}m_{211}^{(21)} - 4m_{011}^{(20)}m_{021}^{(00)}m_{202}^{(11)} - 2m_{011}^{(20)}m_{021}^{(00)}m_{121}^{(20)}\\
&+2m_{011}^{(20)}m_{021}^{(00)}m_{112}^{(10)} + 2m_{011}^{(20)}m_{021}^{(10)}m_{310}^{(22)} - 4m_{011}^{(20)}m_{021}^{(10)}m_{301}^{(21)} + 4m_{011}^{(20)}m_{021}^{(10)}m_{202}^{(10)}\\
&-2m_{011}^{(20)}m_{021}^{(10)}m_{112}^{(00)} - 2m_{011}^{(20)}m_{021}^{(20)}m_{310}^{(21)} + 4m_{011}^{(20)}m_{021}^{(20)}m_{301}^{(11)} + 2m_{011}^{(20)}m_{021}^{(20)}m_{220}^{(20)}\\
&-6m_{011}^{(20)}m_{021}^{(20)}m_{211}^{(10)} + 2m_{011}^{(20)}m_{021}^{(20)}m_{121}^{(00)} - 2m_{011}^{(20)}m_{012}^{(00)}m_{220}^{(21)} + 2m_{011}^{(20)}m_{012}^{(00)}m_{211}^{(11)}\\
&+2m_{011}^{(20)}m_{012}^{(00)}m_{130}^{(20)} - 2m_{011}^{(20)}m_{012}^{(00)}m_{121}^{(10)} + 2m_{011}^{(20)}m_{012}^{(10)}m_{310}^{(21)} - 2m_{011}^{(20)}m_{012}^{(10)}m_{220}^{(20)}\\
&-2m_{011}^{(20)}m_{012}^{(10)}m_{211}^{(10)} + 2m_{011}^{(20)}m_{012}^{(10)}m_{121}^{(00)} - 2m_{011}^{(20)}m_{012}^{(20)}m_{310}^{(11)} + 4m_{011}^{(20)}m_{012}^{(20)}m_{220}^{(10)}\\
&-2m_{011}^{(20)}m_{012}^{(20)}m_{130}^{(00)} - m_{011}^{(21)}m_{300}^{(10)}m_{121}^{(22)} + m_{011}^{(21)}m_{300}^{(10)}m_{103}^{(11)} + 2m_{011}^{(21)}m_{300}^{(10)}m_{022}^{(20)}\\
&-2m_{011}^{(21)}m_{300}^{(10)}m_{013}^{(10)} + m_{011}^{(21)}m_{300}^{(11)}m_{211}^{(22)} + m_{011}^{(21)}m_{300}^{(11)}m_{202}^{(21)} - 3m_{011}^{(21)}m_{300}^{(11)}m_{112}^{(20)}\\
&-m_{011}^{(21)}m_{300}^{(11)}m_{103}^{(10)} + 2m_{011}^{(21)}m_{300}^{(11)}m_{013}^{(00)} - m_{011}^{(21)}m_{300}^{(20)}m_{130}^{(22)} + m_{011}^{(21)}m_{300}^{(20)}m_{112}^{(11)}\\
&+2m_{011}^{(21)}m_{300}^{(20)}m_{031}^{(20)} - 2m_{011}^{(21)}m_{300}^{(20)}m_{022}^{(10)} + m_{011}^{(21)}m_{300}^{(21)}m_{220}^{(22)} - m_{011}^{(21)}m_{300}^{(21)}m_{202}^{(11)}\\
&-2m_{011}^{(21)}m_{300}^{(21)}m_{121}^{(20)} + 2m_{011}^{(21)}m_{300}^{(21)}m_{112}^{(10)} - m_{011}^{(21)}m_{300}^{(22)}m_{220}^{(21)} - m_{011}^{(21)}m_{300}^{(22)}m_{211}^{(11)}\\
&+m_{011}^{(21)}m_{300}^{(22)}m_{130}^{(20)} + 3m_{011}^{(21)}m_{300}^{(22)}m_{121}^{(10)} - 2m_{011}^{(21)}m_{300}^{(22)}m_{031}^{(00)} + m_{011}^{(21)}m_{210}^{(00)}m_{121}^{(22)}\\
&-m_{011}^{(21)}m_{210}^{(00)}m_{103}^{(11)} - 2m_{011}^{(21)}m_{210}^{(00)}m_{022}^{(20)} + 2m_{011}^{(21)}m_{210}^{(00)}m_{013}^{(10)} - 2m_{011}^{(21)}m_{210}^{(10)}m_{202}^{(21)}\\
&+2m_{011}^{(21)}m_{210}^{(10)}m_{112}^{(20)} + 2m_{011}^{(21)}m_{210}^{(10)}m_{103}^{(10)} - 2m_{011}^{(21)}m_{210}^{(10)}m_{013}^{(00)} - m_{011}^{(21)}m_{210}^{(11)}m_{301}^{(22)}\\
&+2m_{011}^{(21)}m_{210}^{(11)}m_{202}^{(20)} - m_{011}^{(21)}m_{210}^{(11)}m_{103}^{(00)} + 2m_{011}^{(21)}m_{210}^{(20)}m_{220}^{(22)} - 4m_{011}^{(21)}m_{210}^{(20)}m_{121}^{(20)}\\
&+2m_{011}^{(21)}m_{210}^{(20)}m_{022}^{(00)} - 2m_{011}^{(21)}m_{210}^{(21)}m_{310}^{(22)} + 4m_{011}^{(21)}m_{210}^{(21)}m_{211}^{(20)} - 2m_{011}^{(21)}m_{210}^{(21)}m_{112}^{(00)}\\
&+2m_{011}^{(21)}m_{210}^{(22)}m_{310}^{(21)} + m_{011}^{(21)}m_{210}^{(22)}m_{301}^{(11)} - 2m_{011}^{(21)}m_{210}^{(22)}m_{220}^{(20)} - 4m_{011}^{(21)}m_{210}^{(22)}m_{211}^{(10)}\\
&+3m_{011}^{(21)}m_{210}^{(22)}m_{121}^{(00)} + m_{011}^{(21)}m_{201}^{(00)}m_{130}^{(22)} - m_{011}^{(21)}m_{201}^{(00)}m_{112}^{(11)} - 2m_{011}^{(21)}m_{201}^{(00)}m_{031}^{(20)}\\
&+2m_{011}^{(21)}m_{201}^{(00)}m_{022}^{(10)} - 2m_{011}^{(21)}m_{201}^{(10)}m_{202}^{(11)} + 4m_{011}^{(21)}m_{201}^{(10)}m_{112}^{(10)} - 2m_{011}^{(21)}m_{201}^{(10)}m_{022}^{(00)}\\
&-m_{011}^{(21)}m_{201}^{(11)}m_{310}^{(22)} - 2m_{011}^{(21)}m_{201}^{(11)}m_{301}^{(21)} + 4m_{011}^{(21)}m_{201}^{(11)}m_{211}^{(20)} + 2m_{011}^{(21)}m_{201}^{(11)}m_{202}^{(10)}\\
&-3m_{011}^{(21)}m_{201}^{(11)}m_{112}^{(00)} + 2m_{011}^{(21)}m_{201}^{(20)}m_{220}^{(21)} - 2m_{011}^{(21)}m_{201}^{(20)}m_{130}^{(20)} - 2m_{011}^{(21)}m_{201}^{(20)}m_{121}^{(10)}\\
&+2m_{011}^{(21)}m_{201}^{(20)}m_{031}^{(00)} + 2m_{011}^{(21)}m_{201}^{(21)}m_{301}^{(11)} - 4m_{011}^{(21)}m_{201}^{(21)}m_{211}^{(10)} + 2m_{011}^{(21)}m_{201}^{(21)}m_{121}^{(00)}\\
&+m_{011}^{(21)}m_{201}^{(22)}m_{310}^{(11)} - 2m_{011}^{(21)}m_{201}^{(22)}m_{220}^{(10)} + m_{011}^{(21)}m_{201}^{(22)}m_{130}^{(00)} - m_{011}^{(21)}m_{120}^{(00)}m_{211}^{(22)}\\
&+m_{011}^{(21)}m_{120}^{(00)}m_{202}^{(21)} + m_{011}^{(21)}m_{120}^{(00)}m_{112}^{(20)} - m_{011}^{(21)}m_{120}^{(00)}m_{103}^{(10)} + m_{011}^{(21)}m_{120}^{(10)}m_{301}^{(22)}\\
&-2m_{011}^{(21)}m_{120}^{(10)}m_{202}^{(20)} + m_{011}^{(21)}m_{120}^{(10)}m_{103}^{(00)} - m_{011}^{(21)}m_{120}^{(20)}m_{310}^{(22)} + 2m_{011}^{(21)}m_{120}^{(20)}m_{211}^{(20)}\\
&-m_{011}^{(21)}m_{120}^{(20)}m_{112}^{(00)} + m_{011}^{(21)}m_{120}^{(21)}m_{400}^{(22)} - 2m_{011}^{(21)}m_{120}^{(21)}m_{301}^{(20)} + m_{011}^{(21)}m_{120}^{(21)}m_{202}^{(00)}\\
&-m_{011}^{(21)}m_{120}^{(22)}m_{400}^{(21)} + m_{011}^{(21)}m_{120}^{(22)}m_{310}^{(20)} + m_{011}^{(21)}m_{120}^{(22)}m_{301}^{(10)} - m_{011}^{(21)}m_{120}^{(22)}m_{211}^{(00)}\\
&-3m_{011}^{(21)}m_{111}^{(00)}m_{220}^{(22)} + 3m_{011}^{(21)}m_{111}^{(00)}m_{202}^{(11)} + 6m_{011}^{(21)}m_{111}^{(00)}m_{121}^{(20)} - 6m_{011}^{(21)}m_{111}^{(00)}m_{112}^{(10)}\\
&+2m_{011}^{(21)}m_{111}^{(10)}m_{310}^{(22)} + 4m_{011}^{(21)}m_{111}^{(10)}m_{301}^{(21)} - 8m_{011}^{(21)}m_{111}^{(10)}m_{211}^{(20)} - 4m_{011}^{(21)}m_{111}^{(10)}m_{202}^{(10)}\\
&+6m_{011}^{(21)}m_{111}^{(10)}m_{112}^{(00)} + m_{011}^{(21)}m_{111}^{(11)}m_{400}^{(22)} - 2m_{011}^{(21)}m_{111}^{(11)}m_{301}^{(20)} + m_{011}^{(21)}m_{111}^{(11)}m_{202}^{(00)}\\
&-4m_{011}^{(21)}m_{111}^{(20)}m_{310}^{(21)} - 2m_{011}^{(21)}m_{111}^{(20)}m_{301}^{(11)} + 4m_{011}^{(21)}m_{111}^{(20)}m_{220}^{(20)} + 8m_{011}^{(21)}m_{111}^{(20)}m_{211}^{(10)}\\
&-6m_{011}^{(21)}m_{111}^{(20)}m_{121}^{(00)} - m_{011}^{(21)}m_{111}^{(22)}m_{400}^{(11)} + 2m_{011}^{(21)}m_{111}^{(22)}m_{310}^{(10)} - m_{011}^{(21)}m_{111}^{(22)}m_{220}^{(00)}\\
&-m_{011}^{(21)}m_{102}^{(00)}m_{220}^{(21)} + m_{011}^{(21)}m_{102}^{(00)}m_{211}^{(11)} + m_{011}^{(21)}m_{102}^{(00)}m_{130}^{(20)} - m_{011}^{(21)}m_{102}^{(00)}m_{121}^{(10)}\\
&+m_{011}^{(21)}m_{102}^{(10)}m_{301}^{(11)} - 2m_{011}^{(21)}m_{102}^{(10)}m_{211}^{(10)} + m_{011}^{(21)}m_{102}^{(10)}m_{121}^{(00)} + m_{011}^{(21)}m_{102}^{(11)}m_{400}^{(21)}
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\begin{aligned}
&-m_{011}^{(21)}m_{102}^{(11)}m_{310}^{(20)} - m_{011}^{(21)}m_{102}^{(11)}m_{301}^{(10)} + m_{011}^{(21)}m_{102}^{(11)}m_{211}^{(00)} - m_{011}^{(21)}m_{102}^{(20)}m_{310}^{(11)}\\
&+2m_{011}^{(21)}m_{102}^{(20)}m_{220}^{(10)} - m_{011}^{(21)}m_{102}^{(20)}m_{130}^{(00)} - m_{011}^{(21)}m_{102}^{(21)}m_{400}^{(11)} + 2m_{011}^{(21)}m_{102}^{(21)}m_{310}^{(10)}\\
&-m_{011}^{(21)}m_{102}^{(21)}m_{220}^{(00)} + 2m_{011}^{(21)}m_{021}^{(00)}m_{310}^{(22)} - 2m_{011}^{(21)}m_{021}^{(00)}m_{301}^{(21)} - 2m_{011}^{(21)}m_{021}^{(00)}m_{211}^{(20)}\\
&+2m_{011}^{(21)}m_{021}^{(00)}m_{202}^{(10)} - 2m_{011}^{(21)}m_{021}^{(10)}m_{400}^{(22)} + 4m_{011}^{(21)}m_{021}^{(10)}m_{301}^{(20)} - 2m_{011}^{(21)}m_{021}^{(10)}m_{202}^{(00)}\\
&+2m_{011}^{(21)}m_{021}^{(20)}m_{400}^{(21)} - 2m_{011}^{(21)}m_{021}^{(20)}m_{310}^{(20)} - 2m_{011}^{(21)}m_{021}^{(20)}m_{301}^{(10)} + 2m_{011}^{(21)}m_{021}^{(20)}m_{211}^{(00)}\\
&+2m_{011}^{(21)}m_{012}^{(00)}m_{310}^{(21)} - 2m_{011}^{(21)}m_{012}^{(00)}m_{301}^{(11)} - 2m_{011}^{(21)}m_{012}^{(00)}m_{220}^{(20)} + 2m_{011}^{(21)}m_{012}^{(00)}m_{211}^{(10)}\\
&-2m_{011}^{(21)}m_{012}^{(10)}m_{400}^{(21)} + 2m_{011}^{(21)}m_{012}^{(10)}m_{310}^{(20)} + 2m_{011}^{(21)}m_{012}^{(10)}m_{301}^{(10)} - 2m_{011}^{(21)}m_{012}^{(10)}m_{211}^{(00)}\\
&+2m_{011}^{(21)}m_{012}^{(20)}m_{400}^{(11)} - 4m_{011}^{(21)}m_{012}^{(20)}m_{310}^{(10)} + 2m_{011}^{(21)}m_{012}^{(20)}m_{220}^{(00)} + m_{011}^{(22)}m_{300}^{(10)}m_{121}^{(21)}\\
&-m_{011}^{(22)}m_{300}^{(10)}m_{112}^{(11)} - m_{011}^{(22)}m_{300}^{(10)}m_{031}^{(20)} + m_{011}^{(22)}m_{300}^{(10)}m_{022}^{(10)} - m_{011}^{(22)}m_{300}^{(11)}m_{211}^{(21)}\\
&+m_{011}^{(22)}m_{300}^{(11)}m_{121}^{(20)} + m_{011}^{(22)}m_{300}^{(11)}m_{112}^{(10)} - m_{011}^{(22)}m_{300}^{(11)}m_{022}^{(00)} + m_{011}^{(22)}m_{300}^{(20)}m_{130}^{(21)}\\
&-m_{011}^{(22)}m_{300}^{(20)}m_{121}^{(11)} - m_{011}^{(22)}m_{300}^{(20)}m_{040}^{(20)} + m_{011}^{(22)}m_{300}^{(20)}m_{031}^{(10)} - m_{011}^{(22)}m_{300}^{(21)}m_{220}^{(21)}\\
&+m_{011}^{(22)}m_{300}^{(21)}m_{211}^{(11)} + m_{011}^{(22)}m_{300}^{(21)}m_{130}^{(20)} - m_{011}^{(22)}m_{300}^{(21)}m_{121}^{(10)} + m_{011}^{(22)}m_{300}^{(22)}m_{220}^{(11)}\\
&-2m_{011}^{(22)}m_{300}^{(22)}m_{130}^{(10)} + m_{011}^{(22)}m_{300}^{(22)}m_{040}^{(00)} - m_{011}^{(22)}m_{210}^{(00)}m_{121}^{(21)} + m_{011}^{(22)}m_{210}^{(00)}m_{112}^{(11)}\\
&+m_{011}^{(22)}m_{210}^{(00)}m_{031}^{(20)} - m_{011}^{(22)}m_{210}^{(00)}m_{022}^{(10)} + m_{011}^{(22)}m_{210}^{(10)}m_{202}^{(11)} - 2m_{011}^{(22)}m_{210}^{(10)}m_{112}^{(10)}\\
&+m_{011}^{(22)}m_{210}^{(10)}m_{022}^{(00)} + m_{011}^{(22)}m_{210}^{(11)}m_{301}^{(21)} - m_{011}^{(22)}m_{210}^{(11)}m_{211}^{(20)} - m_{011}^{(22)}m_{210}^{(11)}m_{202}^{(10)}\\
&+m_{011}^{(22)}m_{210}^{(11)}m_{112}^{(00)} - 2m_{011}^{(22)}m_{210}^{(20)}m_{220}^{(21)} + m_{011}^{(22)}m_{210}^{(20)}m_{211}^{(11)} + 2m_{011}^{(22)}m_{210}^{(20)}m_{130}^{(20)}\\
&-m_{011}^{(22)}m_{210}^{(20)}m_{031}^{(00)} + 2m_{011}^{(22)}m_{210}^{(21)}m_{310}^{(21)} - m_{011}^{(22)}m_{210}^{(21)}m_{301}^{(11)} - 2m_{011}^{(22)}m_{210}^{(21)}m_{220}^{(20)}\\
&+m_{011}^{(22)}m_{210}^{(21)}m_{121}^{(00)} - 2m_{011}^{(22)}m_{210}^{(22)}m_{310}^{(11)} + 4m_{011}^{(22)}m_{210}^{(22)}m_{220}^{(10)} - 2m_{011}^{(22)}m_{210}^{(22)}m_{130}^{(00)}\\
&-m_{011}^{(22)}m_{201}^{(00)}m_{130}^{(21)} + m_{011}^{(22)}m_{201}^{(00)}m_{121}^{(11)} + m_{011}^{(22)}m_{201}^{(00)}m_{040}^{(20)} - m_{011}^{(22)}m_{201}^{(00)}m_{031}^{(10)}\\
&+m_{011}^{(22)}m_{201}^{(10)}m_{211}^{(11)} - 2m_{011}^{(22)}m_{201}^{(10)}m_{121}^{(10)} + m_{011}^{(22)}m_{201}^{(10)}m_{031}^{(00)} + m_{011}^{(22)}m_{201}^{(11)}m_{310}^{(21)}\\
&-m_{011}^{(22)}m_{201}^{(11)}m_{220}^{(20)} - m_{011}^{(22)}m_{201}^{(11)}m_{211}^{(10)} + m_{011}^{(22)}m_{201}^{(11)}m_{121}^{(00)} - m_{011}^{(22)}m_{201}^{(20)}m_{220}^{(11)}\\
&+2m_{011}^{(22)}m_{201}^{(20)}m_{130}^{(10)} - m_{011}^{(22)}m_{201}^{(20)}m_{040}^{(00)} - m_{011}^{(22)}m_{201}^{(21)}m_{310}^{(11)} + 2m_{011}^{(22)}m_{201}^{(21)}m_{220}^{(10)}\\
&-m_{011}^{(22)}m_{201}^{(21)}m_{130}^{(00)} + m_{011}^{(22)}m_{120}^{(00)}m_{211}^{(21)} - m_{011}^{(22)}m_{120}^{(00)}m_{202}^{(11)} - m_{011}^{(22)}m_{120}^{(00)}m_{121}^{(20)}\\
&+m_{011}^{(22)}m_{120}^{(00)}m_{112}^{(10)} - m_{011}^{(22)}m_{120}^{(10)}m_{301}^{(21)} + m_{011}^{(22)}m_{120}^{(10)}m_{211}^{(20)} + m_{011}^{(22)}m_{120}^{(10)}m_{202}^{(10)}\\
&-m_{011}^{(22)}m_{120}^{(10)}m_{112}^{(00)} + m_{011}^{(22)}m_{120}^{(20)}m_{310}^{(21)} - m_{011}^{(22)}m_{120}^{(20)}m_{220}^{(20)} - m_{011}^{(22)}m_{120}^{(20)}m_{211}^{(10)}\\
&+m_{011}^{(22)}m_{120}^{(20)}m_{121}^{(00)} - m_{011}^{(22)}m_{120}^{(21)}m_{400}^{(21)} + m_{011}^{(22)}m_{120}^{(21)}m_{310}^{(20)} + m_{011}^{(22)}m_{120}^{(21)}m_{301}^{(10)}\\
&-m_{011}^{(22)}m_{120}^{(21)}m_{211}^{(00)} + m_{011}^{(22)}m_{120}^{(22)}m_{400}^{(11)} - 2m_{011}^{(22)}m_{120}^{(22)}m_{310}^{(10)} + m_{011}^{(22)}m_{120}^{(22)}m_{220}^{(00)}\\
&+3m_{011}^{(22)}m_{111}^{(00)}m_{220}^{(21)} - 3m_{011}^{(22)}m_{111}^{(00)}m_{211}^{(11)} - 3m_{011}^{(22)}m_{111}^{(00)}m_{130}^{(20)} + 3m_{011}^{(22)}m_{111}^{(00)}m_{121}^{(10)}\\
&-2m_{011}^{(22)}m_{111}^{(10)}m_{310}^{(21)} - m_{011}^{(22)}m_{111}^{(10)}m_{301}^{(11)} + 2m_{011}^{(22)}m_{111}^{(10)}m_{220}^{(20)} + 4m_{011}^{(22)}m_{111}^{(10)}m_{211}^{(10)}\\
&-3m_{011}^{(22)}m_{111}^{(10)}m_{121}^{(00)} - m_{011}^{(22)}m_{111}^{(11)}m_{400}^{(21)} + m_{011}^{(22)}m_{111}^{(11)}m_{310}^{(20)} + m_{011}^{(22)}m_{111}^{(11)}m_{301}^{(10)}\\
&-m_{011}^{(22)}m_{111}^{(11)}m_{211}^{(00)} + 3m_{011}^{(22)}m_{111}^{(20)}m_{310}^{(11)} - 6m_{011}^{(22)}m_{111}^{(20)}m_{220}^{(10)} + 3m_{011}^{(22)}m_{111}^{(20)}m_{130}^{(00)}\\
&+m_{011}^{(22)}m_{111}^{(21)}m_{400}^{(11)} - 2m_{011}^{(22)}m_{111}^{(21)}m_{310}^{(10)} + m_{011}^{(22)}m_{111}^{(21)}m_{220}^{(00)} - 2m_{011}^{(22)}m_{021}^{(00)}m_{310}^{(21)}\\
&+2m_{011}^{(22)}m_{021}^{(00)}m_{301}^{(11)} + 2m_{011}^{(22)}m_{021}^{(00)}m_{220}^{(20)} - 2m_{011}^{(22)}m_{021}^{(00)}m_{211}^{(10)} + 2m_{011}^{(22)}m_{021}^{(10)}m_{400}^{(21)}\\
&-2m_{011}^{(22)}m_{021}^{(10)}m_{310}^{(20)} - 2m_{011}^{(22)}m_{021}^{(10)}m_{301}^{(10)} + 2m_{011}^{(22)}m_{021}^{(10)}m_{211}^{(00)} - 2m_{011}^{(22)}m_{021}^{(20)}m_{400}^{(11)}\\
&+4m_{011}^{(22)}m_{021}^{(20)}m_{310}^{(10)} - 2m_{011}^{(22)}m_{021}^{(20)}m_{220}^{(00)} - m_{002}^{(00)}m_{210}^{(10)}m_{031}^{(22)} + 2m_{002}^{(00)}m_{210}^{(10)}m_{022}^{(21)}\\
&-m_{002}^{(00)}m_{210}^{(10)}m_{013}^{(11)} + m_{002}^{(00)}m_{210}^{(11)}m_{121}^{(22)} - m_{002}^{(00)}m_{210}^{(11)}m_{112}^{(21)} - m_{002}^{(00)}m_{210}^{(11)}m_{022}^{(20)}\\
&+m_{002}^{(00)}m_{210}^{(11)}m_{013}^{(10)} - m_{002}^{(00)}m_{210}^{(21)}m_{121}^{(21)} + m_{002}^{(00)}m_{210}^{(21)}m_{112}^{(11)} + m_{002}^{(00)}m_{210}^{(21)}m_{031}^{(20)}\\
&-m_{002}^{(00)}m_{210}^{(21)}m_{022}^{(10)} + m_{002}^{(00)}m_{201}^{(10)}m_{040}^{(22)} - 2m_{002}^{(00)}m_{201}^{(10)}m_{031}^{(21)} + m_{002}^{(00)}m_{201}^{(10)}m_{022}^{(11)}
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\begin{aligned}
&-m_{002}^{(00)}m_{201}^{(11)}m_{130}^{(22)} + m_{002}^{(00)}m_{201}^{(11)}m_{121}^{(21)} + m_{002}^{(00)}m_{201}^{(11)}m_{031}^{(20)} - m_{002}^{(00)}m_{201}^{(11)}m_{022}^{(10)}\\
&+m_{002}^{(00)}m_{201}^{(21)}m_{130}^{(21)} - m_{002}^{(00)}m_{201}^{(21)}m_{121}^{(11)} - m_{002}^{(00)}m_{201}^{(21)}m_{040}^{(20)} + m_{002}^{(00)}m_{201}^{(21)}m_{031}^{(10)}\\
&+m_{002}^{(00)}m_{120}^{(00)}m_{031}^{(22)} - 2m_{002}^{(00)}m_{120}^{(00)}m_{022}^{(21)} + m_{002}^{(00)}m_{120}^{(00)}m_{013}^{(11)} - m_{002}^{(00)}m_{120}^{(10)}m_{112}^{(21)}\\
&+m_{002}^{(00)}m_{120}^{(10)}m_{103}^{(11)} + m_{002}^{(00)}m_{120}^{(10)}m_{022}^{(20)} - m_{002}^{(00)}m_{120}^{(10)}m_{013}^{(10)} - m_{002}^{(00)}m_{120}^{(11)}m_{211}^{(22)}\\
&+m_{002}^{(00)}m_{120}^{(11)}m_{202}^{(21)} + m_{002}^{(00)}m_{120}^{(11)}m_{112}^{(20)} - m_{002}^{(00)}m_{120}^{(11)}m_{103}^{(10)} + m_{002}^{(00)}m_{120}^{(20)}m_{121}^{(21)}\\
&-m_{002}^{(00)}m_{120}^{(20)}m_{112}^{(11)} - m_{002}^{(00)}m_{120}^{(20)}m_{031}^{(20)} + m_{002}^{(00)}m_{120}^{(20)}m_{022}^{(10)} + m_{002}^{(00)}m_{120}^{(21)}m_{211}^{(21)}\\
&-m_{002}^{(00)}m_{120}^{(21)}m_{202}^{(11)} - m_{002}^{(00)}m_{120}^{(21)}m_{121}^{(20)} + m_{002}^{(00)}m_{120}^{(21)}m_{112}^{(10)} - m_{002}^{(00)}m_{111}^{(00)}m_{040}^{(22)}\\
&+2m_{002}^{(00)}m_{111}^{(00)}m_{031}^{(21)} - m_{002}^{(00)}m_{111}^{(00)}m_{022}^{(11)} + m_{002}^{(00)}m_{111}^{(10)}m_{121}^{(21)} - m_{002}^{(00)}m_{111}^{(10)}m_{112}^{(11)}\\
&-m_{002}^{(00)}m_{111}^{(10)}m_{031}^{(20)} + m_{002}^{(00)}m_{111}^{(10)}m_{022}^{(10)} + m_{002}^{(00)}m_{111}^{(11)}m_{220}^{(22)} - m_{002}^{(00)}m_{111}^{(11)}m_{211}^{(21)}\\
&-m_{002}^{(00)}m_{111}^{(11)}m_{121}^{(20)} + m_{002}^{(00)}m_{111}^{(11)}m_{112}^{(10)} - m_{002}^{(00)}m_{111}^{(20)}m_{130}^{(21)} + m_{002}^{(00)}m_{111}^{(20)}m_{121}^{(11)}\\
&+m_{002}^{(00)}m_{111}^{(20)}m_{040}^{(20)} - m_{002}^{(00)}m_{111}^{(20)}m_{031}^{(10)} - m_{002}^{(00)}m_{111}^{(21)}m_{220}^{(21)} + m_{002}^{(00)}m_{111}^{(21)}m_{211}^{(11)}\\
&+m_{002}^{(00)}m_{111}^{(21)}m_{130}^{(20)} - m_{002}^{(00)}m_{111}^{(21)}m_{121}^{(10)} - m_{002}^{(00)}m_{030}^{(00)}m_{121}^{(22)} + 2m_{002}^{(00)}m_{030}^{(00)}m_{112}^{(21)}\\
&-m_{002}^{(00)}m_{030}^{(00)}m_{103}^{(11)} + m_{002}^{(00)}m_{030}^{(10)}m_{211}^{(22)} - m_{002}^{(00)}m_{030}^{(10)}m_{202}^{(21)} - m_{002}^{(00)}m_{030}^{(10)}m_{112}^{(20)}\\
&+m_{002}^{(00)}m_{030}^{(10)}m_{103}^{(10)} - m_{002}^{(00)}m_{030}^{(20)}m_{211}^{(21)} + m_{002}^{(00)}m_{030}^{(20)}m_{202}^{(11)} + m_{002}^{(00)}m_{030}^{(20)}m_{121}^{(20)}\\
&-m_{002}^{(00)}m_{030}^{(20)}m_{112}^{(10)} + m_{002}^{(00)}m_{021}^{(00)}m_{130}^{(22)} - 2m_{002}^{(00)}m_{021}^{(00)}m_{121}^{(21)} + m_{002}^{(00)}m_{021}^{(00)}m_{112}^{(11)}\\
&-m_{002}^{(00)}m_{021}^{(10)}m_{220}^{(22)} + m_{002}^{(00)}m_{021}^{(10)}m_{211}^{(21)} + m_{002}^{(00)}m_{021}^{(10)}m_{121}^{(20)} - m_{002}^{(00)}m_{021}^{(10)}m_{112}^{(10)}\\
&+m_{002}^{(00)}m_{021}^{(20)}m_{220}^{(21)} - m_{002}^{(00)}m_{021}^{(20)}m_{211}^{(11)} - m_{002}^{(00)}m_{021}^{(20)}m_{130}^{(20)} + m_{002}^{(00)}m_{021}^{(20)}m_{121}^{(10)}\\
&+m_{002}^{(10)}m_{300}^{(10)}m_{031}^{(22)} - 2m_{002}^{(10)}m_{300}^{(10)}m_{022}^{(21)} + m_{002}^{(10)}m_{300}^{(10)}m_{013}^{(11)} - m_{002}^{(10)}m_{300}^{(11)}m_{121}^{(22)}\\
&+m_{002}^{(10)}m_{300}^{(11)}m_{112}^{(21)} + m_{002}^{(10)}m_{300}^{(11)}m_{022}^{(20)} - m_{002}^{(10)}m_{300}^{(11)}m_{013}^{(10)} + m_{002}^{(10)}m_{300}^{(21)}m_{121}^{(21)}\\
&-m_{002}^{(10)}m_{300}^{(21)}m_{112}^{(11)} - m_{002}^{(10)}m_{300}^{(21)}m_{031}^{(20)} + m_{002}^{(10)}m_{300}^{(21)}m_{022}^{(10)} - m_{002}^{(10)}m_{210}^{(00)}m_{031}^{(22)}\\
&+2m_{002}^{(10)}m_{210}^{(00)}m_{022}^{(21)} - m_{002}^{(10)}m_{210}^{(00)}m_{013}^{(11)} + m_{002}^{(10)}m_{210}^{(10)}m_{121}^{(22)} - m_{002}^{(10)}m_{210}^{(10)}m_{103}^{(11)}\\
&-2m_{002}^{(10)}m_{210}^{(10)}m_{022}^{(20)} + 2m_{002}^{(10)}m_{210}^{(10)}m_{013}^{(10)} - m_{002}^{(10)}m_{210}^{(11)}m_{202}^{(21)} + m_{002}^{(10)}m_{210}^{(11)}m_{112}^{(20)}\\
&+m_{002}^{(10)}m_{210}^{(11)}m_{103}^{(10)} - m_{002}^{(10)}m_{210}^{(11)}m_{013}^{(00)} - m_{002}^{(10)}m_{210}^{(20)}m_{121}^{(21)} + m_{002}^{(10)}m_{210}^{(20)}m_{112}^{(11)}\\
&+m_{002}^{(10)}m_{210}^{(20)}m_{031}^{(20)} - m_{002}^{(10)}m_{210}^{(20)}m_{022}^{(10)} + m_{002}^{(10)}m_{210}^{(21)}m_{202}^{(11)} - 2m_{002}^{(10)}m_{210}^{(21)}m_{112}^{(10)}\\
&+m_{002}^{(10)}m_{210}^{(21)}m_{022}^{(00)} - 2m_{002}^{(10)}m_{201}^{(10)}m_{130}^{(22)} + 3m_{002}^{(10)}m_{201}^{(10)}m_{121}^{(21)} - m_{002}^{(10)}m_{201}^{(10)}m_{112}^{(11)}\\
&+m_{002}^{(10)}m_{201}^{(10)}m_{031}^{(20)} - m_{002}^{(10)}m_{201}^{(10)}m_{022}^{(10)} + 2m_{002}^{(10)}m_{201}^{(11)}m_{220}^{(22)} - m_{002}^{(10)}m_{201}^{(11)}m_{211}^{(21)}\\
&-3m_{002}^{(10)}m_{201}^{(11)}m_{121}^{(20)} + m_{002}^{(10)}m_{201}^{(11)}m_{112}^{(10)} + m_{002}^{(10)}m_{201}^{(11)}m_{022}^{(00)} - 2m_{002}^{(10)}m_{201}^{(21)}m_{220}^{(21)}\\
&+m_{002}^{(10)}m_{201}^{(21)}m_{211}^{(11)} + 2m_{002}^{(10)}m_{201}^{(21)}m_{130}^{(20)} - m_{002}^{(10)}m_{201}^{(21)}m_{031}^{(00)} - m_{002}^{(10)}m_{120}^{(00)}m_{112}^{(21)}\\
&+m_{002}^{(10)}m_{120}^{(00)}m_{103}^{(11)} + m_{002}^{(10)}m_{120}^{(00)}m_{022}^{(20)} - m_{002}^{(10)}m_{120}^{(00)}m_{013}^{(10)} - m_{002}^{(10)}m_{120}^{(10)}m_{211}^{(22)}\\
&+2m_{002}^{(10)}m_{120}^{(10)}m_{202}^{(21)} - 2m_{002}^{(10)}m_{120}^{(10)}m_{103}^{(10)} + m_{002}^{(10)}m_{120}^{(10)}m_{013}^{(00)} + m_{002}^{(10)}m_{120}^{(11)}m_{301}^{(22)}\\
&-2m_{002}^{(10)}m_{120}^{(11)}m_{202}^{(20)} + m_{002}^{(10)}m_{120}^{(11)}m_{103}^{(00)} - m_{002}^{(10)}m_{120}^{(20)}m_{202}^{(11)} + 2m_{002}^{(10)}m_{120}^{(20)}m_{112}^{(10)}\\
&-m_{002}^{(10)}m_{120}^{(20)}m_{022}^{(00)} - m_{002}^{(10)}m_{120}^{(21)}m_{301}^{(21)} + m_{002}^{(10)}m_{120}^{(21)}m_{211}^{(20)} + m_{002}^{(10)}m_{120}^{(21)}m_{202}^{(10)}\\
&-m_{002}^{(10)}m_{120}^{(21)}m_{112}^{(00)} + 2m_{002}^{(10)}m_{111}^{(00)}m_{130}^{(22)} - 3m_{002}^{(10)}m_{111}^{(00)}m_{121}^{(21)} + m_{002}^{(10)}m_{111}^{(00)}m_{112}^{(11)}\\
&-m_{002}^{(10)}m_{111}^{(00)}m_{031}^{(20)} + m_{002}^{(10)}m_{111}^{(00)}m_{022}^{(10)} - 2m_{002}^{(10)}m_{111}^{(10)}m_{211}^{(21)} + m_{002}^{(10)}m_{111}^{(10)}m_{202}^{(11)}\\
&+2m_{002}^{(10)}m_{111}^{(10)}m_{121}^{(20)} - m_{002}^{(10)}m_{111}^{(10)}m_{022}^{(00)} - 2m_{002}^{(10)}m_{111}^{(11)}m_{310}^{(22)} + m_{002}^{(10)}m_{111}^{(11)}m_{301}^{(21)}\\
&+3m_{002}^{(10)}m_{111}^{(11)}m_{211}^{(20)} - m_{002}^{(10)}m_{111}^{(11)}m_{202}^{(10)} - m_{002}^{(10)}m_{111}^{(11)}m_{112}^{(00)} + 2m_{002}^{(10)}m_{111}^{(20)}m_{220}^{(21)}\\
&-m_{002}^{(10)}m_{111}^{(20)}m_{211}^{(11)} - 2m_{002}^{(10)}m_{111}^{(20)}m_{130}^{(20)} + m_{002}^{(10)}m_{111}^{(20)}m_{031}^{(00)} + 2m_{002}^{(10)}m_{111}^{(21)}m_{310}^{(21)}\\
&-m_{002}^{(10)}m_{111}^{(21)}m_{301}^{(11)} - 2m_{002}^{(10)}m_{111}^{(21)}m_{220}^{(20)} + m_{002}^{(10)}m_{111}^{(21)}m_{121}^{(00)} + m_{002}^{(10)}m_{030}^{(00)}m_{211}^{(22)}
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\begin{aligned}
&-m_{002}^{(10)}m_{030}^{(00)}m_{202}^{(21)} - m_{002}^{(10)}m_{030}^{(00)}m_{112}^{(20)} + m_{002}^{(10)}m_{030}^{(00)}m_{103}^{(10)} - m_{002}^{(10)}m_{030}^{(10)}m_{301}^{(22)}\\
&+2m_{002}^{(10)}m_{030}^{(10)}m_{202}^{(20)} - m_{002}^{(10)}m_{030}^{(10)}m_{103}^{(00)} + m_{002}^{(10)}m_{030}^{(20)}m_{301}^{(21)} - m_{002}^{(10)}m_{030}^{(20)}m_{211}^{(20)}\\
&-m_{002}^{(10)}m_{030}^{(20)}m_{202}^{(10)} + m_{002}^{(10)}m_{030}^{(20)}m_{112}^{(00)} - 2m_{002}^{(10)}m_{021}^{(00)}m_{220}^{(22)} + 3m_{002}^{(10)}m_{021}^{(00)}m_{211}^{(21)}\\
&-m_{002}^{(10)}m_{021}^{(00)}m_{202}^{(11)} + m_{002}^{(10)}m_{021}^{(00)}m_{121}^{(20)} - m_{002}^{(10)}m_{021}^{(00)}m_{112}^{(10)} + 2m_{002}^{(10)}m_{021}^{(21)}m_{310}^{(22)}\\
&-m_{002}^{(10)}m_{021}^{(10)}m_{301}^{(21)} - 3m_{002}^{(10)}m_{021}^{(10)}m_{211}^{(20)} + m_{002}^{(10)}m_{021}^{(10)}m_{202}^{(10)} + m_{002}^{(10)}m_{021}^{(10)}m_{112}^{(00)}\\
&-2m_{002}^{(10)}m_{021}^{(20)}m_{310}^{(21)} + m_{002}^{(10)}m_{021}^{(20)}m_{301}^{(11)} + 2m_{002}^{(10)}m_{021}^{(20)}m_{220}^{(20)} - m_{002}^{(10)}m_{021}^{(20)}m_{121}^{(00)}\\
&-m_{002}^{(11)}m_{300}^{(10)}m_{121}^{(22)} + m_{002}^{(11)}m_{300}^{(10)}m_{112}^{(21)} + m_{002}^{(11)}m_{300}^{(10)}m_{022}^{(20)} - m_{002}^{(11)}m_{300}^{(10)}m_{013}^{(10)}\\
&+m_{002}^{(11)}m_{300}^{(11)}m_{211}^{(22)} - 2m_{002}^{(11)}m_{300}^{(11)}m_{112}^{(20)} + m_{002}^{(11)}m_{300}^{(11)}m_{013}^{(00)} - m_{002}^{(11)}m_{300}^{(21)}m_{211}^{(21)}\\
&+m_{002}^{(11)}m_{300}^{(21)}m_{121}^{(20)} + m_{002}^{(11)}m_{300}^{(21)}m_{112}^{(10)} - m_{002}^{(11)}m_{300}^{(21)}m_{022}^{(00)} + m_{002}^{(11)}m_{210}^{(00)}m_{121}^{(22)}\\
&-m_{002}^{(11)}m_{210}^{(00)}m_{112}^{(21)} - m_{002}^{(11)}m_{210}^{(00)}m_{022}^{(20)} + m_{002}^{(11)}m_{210}^{(00)}m_{013}^{(10)} - m_{002}^{(11)}m_{210}^{(10)}m_{202}^{(21)}\\
&+m_{002}^{(11)}m_{210}^{(10)}m_{112}^{(20)} + m_{002}^{(11)}m_{210}^{(10)}m_{103}^{(10)} - m_{002}^{(11)}m_{210}^{(10)}m_{013}^{(00)} - m_{002}^{(11)}m_{210}^{(11)}m_{301}^{(22)}\\
&+2m_{002}^{(11)}m_{210}^{(11)}m_{202}^{(20)} - m_{002}^{(11)}m_{210}^{(11)}m_{103}^{(00)} + m_{002}^{(11)}m_{210}^{(20)}m_{211}^{(21)} - m_{002}^{(11)}m_{210}^{(20)}m_{121}^{(20)}\\
&-m_{002}^{(11)}m_{210}^{(20)}m_{112}^{(10)} + m_{002}^{(11)}m_{210}^{(20)}m_{022}^{(00)} + m_{002}^{(11)}m_{210}^{(21)}m_{301}^{(21)} - m_{002}^{(11)}m_{210}^{(21)}m_{211}^{(20)}\\
&-m_{002}^{(11)}m_{210}^{(21)}m_{202}^{(10)} + m_{002}^{(11)}m_{210}^{(21)}m_{112}^{(00)} + m_{002}^{(11)}m_{201}^{(10)}m_{220}^{(22)} - m_{002}^{(11)}m_{201}^{(10)}m_{211}^{(21)}\\
&-m_{002}^{(11)}m_{201}^{(10)}m_{121}^{(20)} + m_{002}^{(11)}m_{201}^{(10)}m_{112}^{(10)} - m_{002}^{(11)}m_{201}^{(11)}m_{310}^{(22)} + 2m_{002}^{(11)}m_{201}^{(11)}m_{211}^{(20)}\\
&-m_{002}^{(11)}m_{201}^{(11)}m_{112}^{(00)} + m_{002}^{(11)}m_{201}^{(21)}m_{310}^{(21)} - m_{002}^{(11)}m_{201}^{(21)}m_{220}^{(20)} - m_{002}^{(11)}m_{201}^{(21)}m_{211}^{(10)}\\
&+m_{002}^{(11)}m_{201}^{(21)}m_{121}^{(00)} - m_{002}^{(11)}m_{120}^{(00)}m_{211}^{(22)} + m_{002}^{(11)}m_{120}^{(00)}m_{202}^{(21)} + m_{002}^{(11)}m_{120}^{(00)}m_{112}^{(20)}\\
&-m_{002}^{(11)}m_{120}^{(00)}m_{103}^{(10)} + m_{002}^{(11)}m_{120}^{(10)}m_{301}^{(22)} - 2m_{002}^{(11)}m_{120}^{(10)}m_{202}^{(20)} + m_{002}^{(11)}m_{120}^{(10)}m_{103}^{(00)}\\
&-m_{002}^{(11)}m_{120}^{(20)}m_{301}^{(21)} + m_{002}^{(11)}m_{120}^{(20)}m_{211}^{(20)} + m_{002}^{(11)}m_{120}^{(20)}m_{202}^{(10)} - m_{002}^{(11)}m_{120}^{(20)}m_{112}^{(00)}\\
&-m_{002}^{(11)}m_{111}^{(00)}m_{220}^{(22)} + m_{002}^{(11)}m_{111}^{(00)}m_{211}^{(21)} + m_{002}^{(11)}m_{111}^{(00)}m_{121}^{(20)} - m_{002}^{(11)}m_{111}^{(00)}m_{112}^{(10)}\\
&+m_{002}^{(11)}m_{111}^{(10)}m_{301}^{(21)} - m_{002}^{(11)}m_{111}^{(10)}m_{211}^{(20)} - m_{002}^{(11)}m_{111}^{(10)}m_{202}^{(10)} + m_{002}^{(11)}m_{111}^{(10)}m_{112}^{(00)}\\
&+m_{002}^{(11)}m_{111}^{(11)}m_{400}^{(22)} - 2m_{002}^{(11)}m_{111}^{(11)}m_{301}^{(20)} + m_{002}^{(11)}m_{111}^{(11)}m_{202}^{(00)} - m_{002}^{(11)}m_{111}^{(20)}m_{310}^{(21)}\\
&+m_{002}^{(11)}m_{111}^{(20)}m_{220}^{(20)} + m_{002}^{(11)}m_{111}^{(20)}m_{211}^{(10)} - m_{002}^{(11)}m_{111}^{(20)}m_{121}^{(00)} - m_{002}^{(11)}m_{111}^{(21)}m_{400}^{(21)}\\
&+m_{002}^{(11)}m_{111}^{(21)}m_{310}^{(20)} + m_{002}^{(11)}m_{111}^{(21)}m_{301}^{(10)} - m_{002}^{(11)}m_{111}^{(21)}m_{211}^{(00)} + m_{002}^{(11)}m_{021}^{(00)}m_{310}^{(22)}\\
&-m_{002}^{(11)}m_{021}^{(00)}m_{301}^{(21)} - m_{002}^{(11)}m_{021}^{(00)}m_{211}^{(20)} + m_{002}^{(11)}m_{021}^{(00)}m_{202}^{(10)} - m_{002}^{(11)}m_{021}^{(10)}m_{400}^{(22)}\\
&+2m_{002}^{(11)}m_{021}^{(10)}m_{301}^{(20)} - m_{002}^{(11)}m_{021}^{(10)}m_{202}^{(00)} + m_{002}^{(11)}m_{021}^{(20)}m_{400}^{(21)} - m_{002}^{(11)}m_{021}^{(20)}m_{310}^{(20)}\\
&-m_{002}^{(11)}m_{021}^{(20)}m_{301}^{(10)} + m_{002}^{(11)}m_{021}^{(20)}m_{211}^{(00)} - m_{002}^{(20)}m_{300}^{(10)}m_{040}^{(22)} + 2m_{002}^{(20)}m_{300}^{(10)}m_{031}^{(21)}\\
&-m_{002}^{(20)}m_{300}^{(10)}m_{022}^{(11)} + m_{002}^{(20)}m_{300}^{(11)}m_{130}^{(22)} - m_{002}^{(20)}m_{300}^{(11)}m_{121}^{(21)} - m_{002}^{(20)}m_{300}^{(11)}m_{031}^{(20)}\\
&+m_{002}^{(20)}m_{300}^{(11)}m_{022}^{(10)} - m_{002}^{(20)}m_{300}^{(21)}m_{130}^{(21)} + m_{002}^{(20)}m_{300}^{(21)}m_{121}^{(11)} + m_{002}^{(20)}m_{300}^{(21)}m_{040}^{(20)}\\
&-m_{002}^{(20)}m_{300}^{(21)}m_{031}^{(10)} + m_{002}^{(20)}m_{210}^{(00)}m_{040}^{(22)} - 2m_{002}^{(20)}m_{210}^{(00)}m_{031}^{(21)} + m_{002}^{(20)}m_{210}^{(00)}m_{022}^{(11)}\\
&+m_{002}^{(20)}m_{210}^{(10)}m_{130}^{(22)} - 4m_{002}^{(20)}m_{210}^{(10)}m_{121}^{(21)} + 3m_{002}^{(20)}m_{210}^{(10)}m_{112}^{(11)} + 2m_{002}^{(20)}m_{210}^{(10)}m_{031}^{(20)}\\
&-2m_{002}^{(20)}m_{210}^{(10)}m_{022}^{(10)} - 2m_{002}^{(20)}m_{210}^{(11)}m_{220}^{(22)} + 3m_{002}^{(20)}m_{210}^{(11)}m_{211}^{(21)} + m_{002}^{(20)}m_{210}^{(11)}m_{121}^{(20)}\\
&-3m_{002}^{(20)}m_{210}^{(11)}m_{112}^{(10)} + m_{002}^{(20)}m_{210}^{(11)}m_{022}^{(00)} + m_{002}^{(20)}m_{210}^{(20)}m_{130}^{(21)} - m_{002}^{(20)}m_{210}^{(20)}m_{121}^{(11)}\\
&-m_{002}^{(20)}m_{210}^{(20)}m_{040}^{(20)} + m_{002}^{(20)}m_{210}^{(20)}m_{031}^{(10)} + 2m_{002}^{(20)}m_{210}^{(21)}m_{220}^{(21)} - 3m_{002}^{(20)}m_{210}^{(21)}m_{211}^{(11)}\\
&-2m_{002}^{(20)}m_{210}^{(21)}m_{130}^{(20)} + 4m_{002}^{(20)}m_{210}^{(21)}m_{121}^{(10)} - m_{002}^{(20)}m_{210}^{(21)}m_{031}^{(00)} + m_{002}^{(20)}m_{201}^{(10)}m_{130}^{(21)}\\
&-m_{002}^{(20)}m_{201}^{(10)}m_{121}^{(11)} - m_{002}^{(20)}m_{201}^{(10)}m_{040}^{(20)} + m_{002}^{(20)}m_{201}^{(10)}m_{031}^{(10)} - m_{002}^{(20)}m_{201}^{(11)}m_{220}^{(21)}\\
&+m_{002}^{(20)}m_{201}^{(11)}m_{130}^{(20)} + m_{002}^{(20)}m_{201}^{(11)}m_{121}^{(10)} - m_{002}^{(20)}m_{201}^{(11)}m_{031}^{(00)} + m_{002}^{(20)}m_{201}^{(21)}m_{220}^{(11)}\\
&-2m_{002}^{(20)}m_{201}^{(21)}m_{130}^{(10)} + m_{002}^{(20)}m_{201}^{(21)}m_{040}^{(00)} - 2m_{002}^{(20)}m_{120}^{(00)}m_{130}^{(22)} + 5m_{002}^{(20)}m_{120}^{(00)}m_{121}^{(21)}
\end{aligned}
$$

$$
\begin{aligned}
&-3m_{002}^{(20)}m_{120}^{(00)}m_{112}^{(11)} - m_{002}^{(20)}m_{120}^{(00)}m_{031}^{(20)} + m_{002}^{(20)}m_{120}^{(00)}m_{022}^{(10)} + m_{002}^{(20)}m_{120}^{(10)}m_{220}^{(22)}\\
&-2m_{002}^{(20)}m_{120}^{(10)}m_{202}^{(11)} - 2m_{002}^{(20)}m_{120}^{(10)}m_{121}^{(20)} + 4m_{002}^{(20)}m_{120}^{(10)}m_{112}^{(10)} - m_{002}^{(20)}m_{120}^{(10)}m_{022}^{(00)}\\
&+m_{002}^{(20)}m_{120}^{(11)}m_{310}^{(22)} - 2m_{002}^{(20)}m_{120}^{(11)}m_{301}^{(21)} + 2m_{002}^{(20)}m_{120}^{(11)}m_{202}^{(10)} - m_{002}^{(20)}m_{120}^{(11)}m_{112}^{(00)}\\
&-2m_{002}^{(20)}m_{120}^{(20)}m_{220}^{(21)} + 3m_{002}^{(20)}m_{120}^{(20)}m_{211}^{(11)} + 2m_{002}^{(20)}m_{120}^{(20)}m_{130}^{(20)} - 4m_{002}^{(20)}m_{120}^{(20)}m_{121}^{(10)}\\
&+m_{002}^{(20)}m_{120}^{(20)}m_{031}^{(00)} - m_{002}^{(20)}m_{120}^{(21)}m_{310}^{(21)} + 2m_{002}^{(20)}m_{120}^{(21)}m_{301}^{(11)} + m_{002}^{(20)}m_{120}^{(21)}m_{220}^{(20)}\\
&-3m_{002}^{(20)}m_{120}^{(21)}m_{211}^{(10)} + m_{002}^{(20)}m_{120}^{(21)}m_{121}^{(00)} - m_{002}^{(20)}m_{111}^{(00)}m_{130}^{(21)} + m_{002}^{(20)}m_{111}^{(00)}m_{121}^{(11)}\\
&+m_{002}^{(20)}m_{111}^{(00)}m_{040}^{(20)} - m_{002}^{(20)}m_{111}^{(00)}m_{031}^{(10)} + m_{002}^{(20)}m_{111}^{(10)}m_{211}^{(11)} - 2m_{002}^{(20)}m_{111}^{(10)}m_{121}^{(10)}\\
&+m_{002}^{(20)}m_{111}^{(10)}m_{031}^{(00)} + m_{002}^{(20)}m_{111}^{(11)}m_{310}^{(21)} - m_{002}^{(20)}m_{111}^{(11)}m_{220}^{(20)} - m_{002}^{(20)}m_{111}^{(11)}m_{211}^{(10)}\\
&+m_{002}^{(20)}m_{111}^{(11)}m_{121}^{(00)} - m_{002}^{(20)}m_{111}^{(20)}m_{220}^{(11)} + 2m_{002}^{(20)}m_{111}^{(20)}m_{130}^{(10)} - m_{002}^{(20)}m_{111}^{(20)}m_{040}^{(00)}\\
&-m_{002}^{(20)}m_{111}^{(21)}m_{310}^{(11)} + 2m_{002}^{(20)}m_{111}^{(21)}m_{220}^{(10)} - m_{002}^{(20)}m_{111}^{(21)}m_{130}^{(00)} + m_{002}^{(20)}m_{030}^{(00)}m_{220}^{(22)}\\
&-3m_{002}^{(20)}m_{030}^{(00)}m_{211}^{(21)} + 2m_{002}^{(20)}m_{030}^{(00)}m_{202}^{(11)} + m_{002}^{(20)}m_{030}^{(00)}m_{121}^{(20)} - m_{002}^{(20)}m_{030}^{(00)}m_{112}^{(10)}\\
&-m_{002}^{(20)}m_{030}^{(10)}m_{310}^{(22)} + 2m_{002}^{(20)}m_{030}^{(10)}m_{301}^{(21)} - 2m_{002}^{(20)}m_{030}^{(10)}m_{202}^{(10)} + m_{002}^{(20)}m_{030}^{(10)}m_{112}^{(00)}\\
&+m_{002}^{(20)}m_{030}^{(20)}m_{310}^{(21)} - 2m_{002}^{(20)}m_{030}^{(20)}m_{301}^{(11)} - m_{002}^{(20)}m_{030}^{(20)}m_{220}^{(20)} + 3m_{002}^{(20)}m_{030}^{(20)}m_{211}^{(10)}\\
&-m_{002}^{(20)}m_{030}^{(20)}m_{121}^{(00)} + m_{002}^{(20)}m_{021}^{(00)}m_{220}^{(21)} - m_{002}^{(20)}m_{021}^{(00)}m_{211}^{(11)} - m_{002}^{(20)}m_{021}^{(00)}m_{130}^{(20)}\\
&+m_{002}^{(20)}m_{021}^{(00)}m_{121}^{(10)} - m_{002}^{(20)}m_{021}^{(10)}m_{310}^{(21)} + m_{002}^{(20)}m_{021}^{(10)}m_{220}^{(20)} + m_{002}^{(20)}m_{021}^{(10)}m_{211}^{(10)}\\
&-m_{002}^{(20)}m_{021}^{(10)}m_{121}^{(00)} + m_{002}^{(20)}m_{021}^{(20)}m_{310}^{(11)} - 2m_{002}^{(20)}m_{021}^{(20)}m_{220}^{(10)} + m_{002}^{(20)}m_{021}^{(20)}m_{130}^{(00)}\\
&+m_{002}^{(21)}m_{300}^{(10)}m_{130}^{(22)} - m_{002}^{(21)}m_{300}^{(10)}m_{112}^{(11)} - 2m_{002}^{(21)}m_{300}^{(10)}m_{031}^{(20)} + 2m_{002}^{(21)}m_{300}^{(10)}m_{022}^{(10)}\\
&-m_{002}^{(21)}m_{300}^{(11)}m_{220}^{(22)} - m_{002}^{(21)}m_{300}^{(11)}m_{211}^{(21)} + 3m_{002}^{(21)}m_{300}^{(11)}m_{121}^{(20)} + m_{002}^{(21)}m_{300}^{(11)}m_{112}^{(10)}\\
&-2m_{002}^{(21)}m_{300}^{(11)}m_{022}^{(00)} + m_{002}^{(21)}m_{300}^{(21)}m_{220}^{(21)} + m_{002}^{(21)}m_{300}^{(21)}m_{211}^{(11)} - m_{002}^{(21)}m_{300}^{(21)}m_{130}^{(20)}\\
&-3m_{002}^{(21)}m_{300}^{(21)}m_{121}^{(10)} + 2m_{002}^{(21)}m_{300}^{(21)}m_{031}^{(00)} - m_{002}^{(21)}m_{210}^{(00)}m_{130}^{(22)} + m_{002}^{(21)}m_{210}^{(00)}m_{112}^{(11)}\\
&+2m_{002}^{(21)}m_{210}^{(00)}m_{031}^{(20)} - 2m_{002}^{(21)}m_{210}^{(00)}m_{022}^{(10)} - m_{002}^{(21)}m_{210}^{(10)}m_{220}^{(22)} + 2m_{002}^{(21)}m_{210}^{(10)}m_{211}^{(21)}\\
&+m_{002}^{(21)}m_{210}^{(10)}m_{202}^{(11)} - 4m_{002}^{(21)}m_{210}^{(10)}m_{112}^{(10)} + 2m_{002}^{(21)}m_{210}^{(10)}m_{022}^{(00)} + 2m_{002}^{(21)}m_{210}^{(11)}m_{310}^{(22)}\\
&+m_{002}^{(21)}m_{210}^{(11)}m_{301}^{(21)} - 5m_{002}^{(21)}m_{210}^{(11)}m_{211}^{(20)} - m_{002}^{(21)}m_{210}^{(11)}m_{202}^{(10)} + 3m_{002}^{(21)}m_{210}^{(11)}m_{112}^{(00)}\\
&-m_{002}^{(21)}m_{210}^{(20)}m_{220}^{(21)} - m_{002}^{(21)}m_{210}^{(20)}m_{211}^{(11)} + m_{002}^{(21)}m_{210}^{(20)}m_{130}^{(20)} + 3m_{002}^{(21)}m_{210}^{(20)}m_{121}^{(10)}\\
&-2m_{002}^{(21)}m_{210}^{(20)}m_{031}^{(00)} - 2m_{002}^{(21)}m_{210}^{(21)}m_{310}^{(21)} - m_{002}^{(21)}m_{210}^{(21)}m_{301}^{(11)} + 2m_{002}^{(21)}m_{210}^{(21)}m_{220}^{(20)}\\
&+4m_{002}^{(21)}m_{210}^{(21)}m_{211}^{(10)} - 3m_{002}^{(21)}m_{210}^{(21)}m_{121}^{(00)} - m_{002}^{(21)}m_{201}^{(10)}m_{220}^{(21)} + m_{002}^{(21)}m_{201}^{(10)}m_{211}^{(11)}\\
&+m_{002}^{(21)}m_{201}^{(10)}m_{130}^{(20)} - m_{002}^{(21)}m_{201}^{(10)}m_{121}^{(10)} + m_{002}^{(21)}m_{201}^{(11)}m_{310}^{(21)} - m_{002}^{(21)}m_{201}^{(11)}m_{220}^{(20)}\\
&-m_{002}^{(21)}m_{201}^{(11)}m_{211}^{(10)} + m_{002}^{(21)}m_{201}^{(11)}m_{121}^{(00)} - m_{002}^{(21)}m_{201}^{(21)}m_{310}^{(11)} + 2m_{002}^{(21)}m_{201}^{(21)}m_{220}^{(10)}\\
&-m_{002}^{(21)}m_{201}^{(21)}m_{130}^{(00)} + 2m_{002}^{(21)}m_{120}^{(00)}m_{220}^{(22)} - m_{002}^{(21)}m_{120}^{(00)}m_{211}^{(21)} - m_{002}^{(21)}m_{120}^{(00)}m_{202}^{(11)}\\
&-3m_{002}^{(21)}m_{120}^{(00)}m_{121}^{(20)} + 3m_{002}^{(21)}m_{120}^{(00)}m_{112}^{(10)} - m_{002}^{(21)}m_{120}^{(10)}m_{310}^{(22)} - 2m_{002}^{(21)}m_{120}^{(10)}m_{301}^{(21)}\\
&+4m_{002}^{(21)}m_{120}^{(10)}m_{211}^{(20)} + 2m_{002}^{(21)}m_{120}^{(10)}m_{202}^{(10)} - 3m_{002}^{(21)}m_{120}^{(10)}m_{112}^{(00)} - m_{002}^{(21)}m_{120}^{(11)}m_{120}^{(22)}\\
&+2m_{002}^{(21)}m_{120}^{(11)}m_{301}^{(20)} - m_{002}^{(21)}m_{120}^{(11)}m_{202}^{(00)} + 2m_{002}^{(21)}m_{120}^{(20)}m_{310}^{(21)} + m_{002}^{(21)}m_{120}^{(20)}m_{301}^{(11)}\\
&-2m_{002}^{(21)}m_{120}^{(20)}m_{220}^{(20)} - 4m_{002}^{(21)}m_{120}^{(20)}m_{211}^{(10)} + 3m_{002}^{(21)}m_{120}^{(20)}m_{121}^{(00)} + m_{002}^{(21)}m_{120}^{(21)}m_{400}^{(21)}\\
&-m_{002}^{(21)}m_{120}^{(21)}m_{310}^{(20)} - m_{002}^{(21)}m_{120}^{(21)}m_{301}^{(10)} + m_{002}^{(21)}m_{120}^{(21)}m_{211}^{(00)} + m_{002}^{(21)}m_{111}^{(00)}m_{220}^{(21)}\\
&-m_{002}^{(21)}m_{111}^{(00)}m_{211}^{(11)} - m_{002}^{(21)}m_{111}^{(00)}m_{130}^{(20)} + m_{002}^{(21)}m_{111}^{(00)}m_{121}^{(10)} - m_{002}^{(21)}m_{111}^{(10)}m_{301}^{(11)}\\
&+2m_{002}^{(21)}m_{111}^{(10)}m_{211}^{(10)} - m_{002}^{(21)}m_{111}^{(10)}m_{121}^{(00)} - m_{002}^{(21)}m_{111}^{(11)}m_{400}^{(21)} + m_{002}^{(21)}m_{111}^{(11)}m_{310}^{(20)}\\
&+m_{002}^{(21)}m_{111}^{(11)}m_{301}^{(10)} - m_{002}^{(21)}m_{111}^{(11)}m_{211}^{(00)} + m_{002}^{(21)}m_{111}^{(20)}m_{310}^{(11)} - 2m_{002}^{(21)}m_{111}^{(20)}m_{220}^{(10)}\\
&+m_{002}^{(21)}m_{111}^{(20)}m_{130}^{(00)} + m_{002}^{(21)}m_{111}^{(21)}m_{400}^{(11)} - 2m_{002}^{(21)}m_{111}^{(21)}m_{310}^{(10)} + m_{002}^{(21)}m_{111}^{(21)}m_{220}^{(00)}
\end{aligned}
$$

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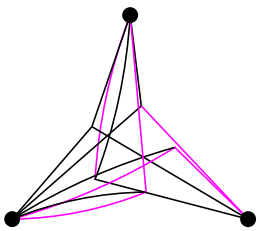
\begin{aligned}
&-m_{002}^{(21)} m_{030}^{(00)} m_{310}^{(22)} + m_{002}^{(21)} m_{030}^{(00)} m_{301}^{(21)} + m_{002}^{(21)} m_{030}^{(00)} m_{211}^{(20)} - m_{002}^{(21)} m_{030}^{(00)} m_{202}^{(10)} \\
&+m_{002}^{(21)} m_{030}^{(10)} m_{400}^{(22)} - 2m_{002}^{(21)} m_{030}^{(10)} m_{301}^{(20)} + m_{002}^{(21)} m_{030}^{(10)} m_{202}^{(00)} - m_{002}^{(21)} m_{030}^{(20)} m_{400}^{(21)} \\
&+m_{002}^{(21)} m_{030}^{(20)} m_{310}^{(20)} + m_{002}^{(21)} m_{030}^{(20)} m_{301}^{(10)} - m_{002}^{(21)} m_{030}^{(20)} m_{211}^{(00)} - m_{002}^{(21)} m_{021}^{(00)} m_{310}^{(21)} \\
&+m_{002}^{(21)} m_{021}^{(00)} m_{301}^{(11)} + m_{002}^{(21)} m_{021}^{(00)} m_{220}^{(20)} - m_{002}^{(21)} m_{021}^{(00)} m_{211}^{(10)} + m_{002}^{(21)} m_{021}^{(10)} m_{400}^{(21)} \\
&-m_{002}^{(21)} m_{021}^{(10)} m_{310}^{(20)} - m_{002}^{(21)} m_{021}^{(10)} m_{301}^{(10)} + m_{002}^{(21)} m_{021}^{(10)} m_{211}^{(00)} - m_{002}^{(21)} m_{021}^{(20)} m_{400}^{(11)} \\
&+2m_{002}^{(21)} m_{021}^{(20)} m_{310}^{(10)} - m_{002}^{(21)} m_{021}^{(20)} m_{220}^{(00)} - m_{002}^{(22)} m_{300}^{(10)} m_{130}^{(21)} + m_{002}^{(22)} m_{300}^{(10)} m_{121}^{(11)} \\
&+m_{002}^{(22)} m_{300}^{(10)} m_{040}^{(20)} - m_{002}^{(22)} m_{300}^{(10)} m_{031}^{(10)} + m_{002}^{(22)} m_{300}^{(11)} m_{220}^{(21)} - m_{002}^{(22)} m_{300}^{(11)} m_{130}^{(20)} \\
&-m_{002}^{(22)} m_{300}^{(11)} m_{121}^{(10)} + m_{002}^{(22)} m_{300}^{(11)} m_{031}^{(00)} - m_{002}^{(22)} m_{300}^{(21)} m_{220}^{(11)} + 2m_{002}^{(22)} m_{300}^{(21)} m_{130}^{(10)} \\
&-m_{002}^{(22)} m_{300}^{(21)} m_{040}^{(00)} + m_{002}^{(22)} m_{210}^{(00)} m_{130}^{(21)} - m_{002}^{(22)} m_{210}^{(00)} m_{121}^{(11)} - m_{002}^{(22)} m_{210}^{(00)} m_{040}^{(20)} \\
&+m_{002}^{(22)} m_{210}^{(00)} m_{031}^{(10)} + m_{002}^{(22)} m_{210}^{(10)} m_{220}^{(21)} - 2m_{002}^{(22)} m_{210}^{(10)} m_{211}^{(11)} - m_{002}^{(22)} m_{210}^{(10)} m_{130}^{(20)} \\
&+3m_{002}^{(22)} m_{210}^{(10)} m_{121}^{(10)} - m_{002}^{(22)} m_{210}^{(10)} m_{031}^{(00)} - 2m_{002}^{(22)} m_{210}^{(11)} m_{310}^{(21)} + 2m_{002}^{(22)} m_{210}^{(11)} m_{220}^{(20)} \\
&+2m_{002}^{(22)} m_{210}^{(11)} m_{211}^{(10)} - 2m_{002}^{(22)} m_{210}^{(11)} m_{121}^{(00)} + m_{002}^{(22)} m_{210}^{(20)} m_{220}^{(11)} - 2m_{002}^{(22)} m_{210}^{(20)} m_{130}^{(10)} \\
&+m_{002}^{(22)} m_{210}^{(20)} m_{040}^{(00)} + 2m_{002}^{(22)} m_{210}^{(21)} m_{310}^{(11)} - 4m_{002}^{(22)} m_{210}^{(21)} m_{220}^{(10)} + 2m_{002}^{(22)} m_{210}^{(21)} m_{130}^{(00)} \\
&-2m_{002}^{(22)} m_{120}^{(00)} m_{220}^{(21)} + 2m_{002}^{(22)} m_{120}^{(00)} m_{211}^{(11)} + 2m_{002}^{(22)} m_{120}^{(00)} m_{130}^{(20)} - 2m_{002}^{(22)} m_{120}^{(00)} m_{121}^{(10)} \\
&+m_{002}^{(22)} m_{120}^{(10)} m_{310}^{(21)} + m_{002}^{(22)} m_{120}^{(10)} m_{301}^{(11)} - m_{002}^{(22)} m_{120}^{(10)} m_{220}^{(20)} - 3m_{002}^{(22)} m_{120}^{(10)} m_{211}^{(10)} \\
&+2m_{002}^{(22)} m_{120}^{(10)} m_{121}^{(00)} + m_{002}^{(22)} m_{120}^{(11)} m_{400}^{(21)} - m_{002}^{(22)} m_{120}^{(11)} m_{310}^{(20)} - m_{002}^{(22)} m_{120}^{(11)} m_{301}^{(10)} \\
&+m_{002}^{(22)} m_{120}^{(11)} m_{211}^{(00)} - 2m_{002}^{(22)} m_{120}^{(20)} m_{310}^{(11)} + 4m_{002}^{(22)} m_{120}^{(20)} m_{220}^{(10)} - 2m_{002}^{(22)} m_{120}^{(20)} m_{130}^{(00)} \\
&-m_{002}^{(22)} m_{120}^{(21)} m_{400}^{(11)} + 2m_{002}^{(22)} m_{120}^{(21)} m_{310}^{(10)} - m_{002}^{(22)} m_{120}^{(21)} m_{220}^{(00)} + m_{002}^{(22)} m_{030}^{(00)} m_{310}^{(21)} \\
&-m_{002}^{(22)} m_{030}^{(00)} m_{301}^{(11)} - m_{002}^{(22)} m_{030}^{(00)} m_{220}^{(20)} + m_{002}^{(22)} m_{030}^{(00)} m_{211}^{(10)} - m_{002}^{(22)} m_{030}^{(10)} m_{400}^{(21)} \\
&+m_{002}^{(22)} m_{030}^{(10)} m_{310}^{(20)} + m_{002}^{(22)} m_{030}^{(10)} m_{301}^{(10)} - m_{002}^{(22)} m_{030}^{(10)} m_{211}^{(00)} + m_{002}^{(22)} m_{030}^{(20)} m_{400}^{(11)} \\
&-2m_{002}^{(22)} m_{030}^{(20)} m_{310}^{(10)} + m_{002}^{(22)} m_{030}^{(20)} m_{220}^{(00)}
\end{aligned}
$$

Generating graph:

$V1$	$V1$	1	1	$V2$
1	1	2	2	2
$V2$	$V3$	$V3$	3	3



$$
\begin{aligned}
T_{139} \;=\; & -m_{200}^{(10)} m_{210}^{(11)} m_{013}^{(22)} + m_{200}^{(10)} m_{210}^{(11)} m_{004}^{(21)} + 2m_{200}^{(10)} m_{210}^{(21)} m_{022}^{(22)} - 2m_{200}^{(10)} m_{210}^{(21)} m_{013}^{(21)} \\
& -m_{200}^{(10)} m_{210}^{(22)} m_{031}^{(22)} + m_{200}^{(10)} m_{210}^{(22)} m_{022}^{(21)} + m_{200}^{(10)} m_{201}^{(11)} m_{022}^{(22)} - m_{200}^{(10)} m_{201}^{(11)} m_{013}^{(21)}
\end{aligned}
$$

$$
\begin{aligned}
&-2m_{200}^{(10)}m_{201}^{(21)}m_{031}^{(22)}+2m_{200}^{(10)}m_{201}^{(21)}m_{022}^{(21)}+m_{200}^{(10)}m_{201}^{(22)}m_{040}^{(22)}-m_{200}^{(10)}m_{201}^{(22)}m_{031}^{(21)}\\
&+m_{200}^{(10)}m_{120}^{(10)}m_{013}^{(22)}-m_{200}^{(10)}m_{120}^{(10)}m_{004}^{(21)}+m_{200}^{(10)}m_{120}^{(11)}m_{103}^{(22)}-m_{200}^{(10)}m_{120}^{(11)}m_{004}^{(20)}\\
&-m_{200}^{(10)}m_{120}^{(20)}m_{022}^{(22)}+m_{200}^{(10)}m_{120}^{(20)}m_{013}^{(21)}-3m_{200}^{(10)}m_{120}^{(21)}m_{112}^{(22)}+m_{200}^{(10)}m_{120}^{(21)}m_{103}^{(21)}\\
&+2m_{200}^{(10)}m_{120}^{(21)}m_{013}^{(20)}+2m_{200}^{(10)}m_{120}^{(22)}m_{121}^{(22)}-m_{200}^{(10)}m_{120}^{(22)}m_{112}^{(21)}-m_{200}^{(10)}m_{120}^{(22)}m_{022}^{(20)}\\
&-2m_{200}^{(10)}m_{111}^{(10)}m_{022}^{(22)}+2m_{200}^{(10)}m_{111}^{(10)}m_{013}^{(21)}-2m_{200}^{(10)}m_{111}^{(11)}m_{103}^{(21)}+2m_{200}^{(10)}m_{111}^{(11)}m_{013}^{(20)}\\
&+2m_{200}^{(10)}m_{111}^{(20)}m_{031}^{(22)}-2m_{200}^{(10)}m_{111}^{(20)}m_{022}^{(21)}+2m_{200}^{(10)}m_{111}^{(21)}m_{121}^{(22)}+2m_{200}^{(10)}m_{111}^{(21)}m_{112}^{(21)}\\
&-4m_{200}^{(10)}m_{111}^{(21)}m_{022}^{(20)}-2m_{200}^{(10)}m_{111}^{(22)}m_{130}^{(22)}+2m_{200}^{(10)}m_{111}^{(22)}m_{031}^{(20)}+m_{200}^{(10)}m_{102}^{(10)}m_{031}^{(22)}\\
&-m_{200}^{(10)}m_{102}^{(10)}m_{022}^{(21)}-m_{200}^{(10)}m_{102}^{(11)}m_{121}^{(22)}+2m_{200}^{(10)}m_{102}^{(11)}m_{112}^{(21)}-m_{200}^{(10)}m_{102}^{(11)}m_{022}^{(20)}\\
&-m_{200}^{(10)}m_{102}^{(20)}m_{040}^{(22)}+m_{200}^{(10)}m_{102}^{(20)}m_{031}^{(21)}+m_{200}^{(10)}m_{102}^{(21)}m_{130}^{(22)}-3m_{200}^{(10)}m_{102}^{(21)}m_{121}^{(21)}\\
&+2m_{200}^{(10)}m_{102}^{(21)}m_{031}^{(20)}+m_{200}^{(10)}m_{102}^{(22)}m_{130}^{(21)}-m_{200}^{(10)}m_{102}^{(22)}m_{040}^{(20)}-m_{200}^{(10)}m_{030}^{(10)}m_{103}^{(22)}\\
&+m_{200}^{(10)}m_{030}^{(10)}m_{004}^{(20)}+m_{200}^{(10)}m_{030}^{(20)}m_{112}^{(22)}-m_{200}^{(10)}m_{030}^{(20)}m_{013}^{(20)}+m_{200}^{(10)}m_{030}^{(21)}m_{202}^{(22)}\\
&-m_{200}^{(10)}m_{030}^{(21)}m_{103}^{(20)}-m_{200}^{(10)}m_{030}^{(22)}m_{211}^{(22)}+m_{200}^{(10)}m_{030}^{(22)}m_{112}^{(20)}+2m_{200}^{(10)}m_{021}^{(10)}m_{112}^{(22)}\\
&+m_{200}^{(10)}m_{021}^{(10)}m_{103}^{(21)}-3m_{200}^{(10)}m_{021}^{(10)}m_{013}^{(20)}-m_{200}^{(10)}m_{021}^{(11)}m_{202}^{(22)}+m_{200}^{(10)}m_{021}^{(11)}m_{103}^{(20)}\\
&-2m_{200}^{(10)}m_{021}^{(20)}m_{121}^{(22)}-m_{200}^{(10)}m_{021}^{(20)}m_{112}^{(21)}+3m_{200}^{(10)}m_{021}^{(20)}m_{022}^{(20)}-m_{200}^{(10)}m_{021}^{(21)}m_{202}^{(21)}\\
&+m_{200}^{(10)}m_{021}^{(21)}m_{112}^{(20)}+m_{200}^{(10)}m_{021}^{(22)}m_{220}^{(22)}+m_{200}^{(10)}m_{021}^{(22)}m_{211}^{(21)}-2m_{200}^{(10)}m_{021}^{(22)}m_{121}^{(20)}\\
&-m_{200}^{(10)}m_{012}^{(10)}m_{121}^{(22)}-2m_{200}^{(10)}m_{012}^{(10)}m_{112}^{(21)}+3m_{200}^{(10)}m_{012}^{(10)}m_{022}^{(20)}+m_{200}^{(10)}m_{012}^{(11)}m_{211}^{(22)}\\
&+m_{200}^{(10)}m_{012}^{(11)}m_{202}^{(21)}-2m_{200}^{(10)}m_{012}^{(11)}m_{112}^{(20)}+m_{200}^{(10)}m_{012}^{(20)}m_{130}^{(22)}+2m_{200}^{(10)}m_{012}^{(20)}m_{121}^{(21)}\\
&-3m_{200}^{(10)}m_{012}^{(20)}m_{031}^{(20)}-m_{200}^{(10)}m_{012}^{(21)}m_{220}^{(22)}+m_{200}^{(10)}m_{012}^{(21)}m_{121}^{(20)}-m_{200}^{(10)}m_{012}^{(22)}m_{220}^{(21)}\\
&+m_{200}^{(10)}m_{012}^{(22)}m_{130}^{(20)}+m_{200}^{(10)}m_{003}^{(10)}m_{121}^{(21)}-m_{200}^{(10)}m_{003}^{(10)}m_{031}^{(20)}-m_{200}^{(10)}m_{003}^{(11)}m_{211}^{(21)}\\
&+m_{200}^{(10)}m_{003}^{(11)}m_{121}^{(20)}-m_{200}^{(10)}m_{003}^{(20)}m_{130}^{(21)}+m_{200}^{(10)}m_{003}^{(20)}m_{040}^{(20)}+m_{200}^{(10)}m_{003}^{(21)}m_{220}^{(21)}\\
&-m_{200}^{(10)}m_{003}^{(21)}m_{130}^{(20)}+m_{200}^{(11)}m_{300}^{(11)}m_{013}^{(22)}-m_{200}^{(11)}m_{300}^{(11)}m_{004}^{(21)}-2m_{200}^{(11)}m_{300}^{(21)}m_{022}^{(22)}\\
&+2m_{200}^{(11)}m_{300}^{(21)}m_{013}^{(21)}+m_{200}^{(11)}m_{300}^{(22)}m_{031}^{(22)}-m_{200}^{(11)}m_{300}^{(22)}m_{022}^{(21)}-m_{200}^{(11)}m_{210}^{(10)}m_{013}^{(22)}\\
&+m_{200}^{(11)}m_{210}^{(10)}m_{004}^{(21)}-m_{200}^{(11)}m_{210}^{(11)}m_{103}^{(22)}+m_{200}^{(11)}m_{210}^{(11)}m_{004}^{(20)}+m_{200}^{(11)}m_{210}^{(20)}m_{022}^{(22)}\\
&-m_{200}^{(11)}m_{210}^{(20)}m_{013}^{(21)}+3m_{200}^{(11)}m_{210}^{(21)}m_{112}^{(22)}-m_{200}^{(11)}m_{210}^{(21)}m_{103}^{(21)}-2m_{200}^{(11)}m_{210}^{(21)}m_{013}^{(20)}\\
&-2m_{200}^{(11)}m_{210}^{(22)}m_{121}^{(22)}+m_{200}^{(11)}m_{210}^{(22)}m_{112}^{(21)}+m_{200}^{(11)}m_{210}^{(22)}m_{022}^{(20)}+m_{200}^{(11)}m_{201}^{(10)}m_{022}^{(22)}\\
&-m_{200}^{(11)}m_{201}^{(10)}m_{013}^{(21)}-2m_{200}^{(11)}m_{201}^{(11)}m_{112}^{(22)}+3m_{200}^{(11)}m_{201}^{(11)}m_{103}^{(21)}-m_{200}^{(11)}m_{201}^{(11)}m_{013}^{(20)}\\
&-m_{200}^{(11)}m_{201}^{(20)}m_{031}^{(22)}+m_{200}^{(11)}m_{201}^{(20)}m_{022}^{(21)}+3m_{200}^{(11)}m_{201}^{(21)}m_{121}^{(22)}-5m_{200}^{(11)}m_{201}^{(21)}m_{112}^{(21)}\\
&+2m_{200}^{(11)}m_{201}^{(21)}m_{022}^{(20)}-m_{200}^{(11)}m_{201}^{(22)}m_{130}^{(22)}+2m_{200}^{(11)}m_{201}^{(22)}m_{121}^{(21)}-m_{200}^{(11)}m_{201}^{(22)}m_{031}^{(20)}\\
&+m_{200}^{(11)}m_{120}^{(10)}m_{103}^{(22)}-m_{200}^{(11)}m_{120}^{(10)}m_{004}^{(20)}-m_{200}^{(11)}m_{120}^{(20)}m_{112}^{(22)}+m_{200}^{(11)}m_{120}^{(20)}m_{013}^{(20)}\\
&-m_{200}^{(11)}m_{120}^{(21)}m_{202}^{(22)}+m_{200}^{(11)}m_{120}^{(21)}m_{103}^{(20)}+m_{200}^{(11)}m_{120}^{(22)}m_{211}^{(22)}-m_{200}^{(11)}m_{120}^{(22)}m_{112}^{(20)}\\
&-2m_{200}^{(11)}m_{111}^{(10)}m_{103}^{(21)}+2m_{200}^{(11)}m_{111}^{(10)}m_{013}^{(20)}+2m_{200}^{(11)}m_{111}^{(11)}m_{202}^{(22)}-2m_{200}^{(11)}m_{111}^{(11)}m_{103}^{(20)}\\
&+2m_{200}^{(11)}m_{111}^{(20)}m_{112}^{(21)}-2m_{200}^{(11)}m_{111}^{(20)}m_{022}^{(20)}-4m_{200}^{(11)}m_{111}^{(21)}m_{211}^{(22)}+2m_{200}^{(11)}m_{111}^{(21)}m_{202}^{(21)}\\
&+2m_{200}^{(11)}m_{111}^{(21)}m_{112}^{(20)}+2m_{200}^{(11)}m_{111}^{(22)}m_{220}^{(22)}-2m_{200}^{(11)}m_{111}^{(22)}m_{211}^{(21)}-m_{200}^{(11)}m_{102}^{(10)}m_{121}^{(22)}\\
&+2m_{200}^{(11)}m_{102}^{(10)}m_{112}^{(21)}-m_{200}^{(11)}m_{102}^{(10)}m_{022}^{(20)}+m_{200}^{(11)}m_{102}^{(11)}m_{211}^{(22)}-3m_{200}^{(11)}m_{102}^{(11)}m_{202}^{(21)}\\
&+2m_{200}^{(11)}m_{102}^{(11)}m_{112}^{(20)}+m_{200}^{(11)}m_{102}^{(20)}m_{130}^{(22)}-2m_{200}^{(11)}m_{102}^{(20)}m_{121}^{(21)}+m_{200}^{(11)}m_{102}^{(20)}m_{031}^{(20)}\\
&-m_{200}^{(11)}m_{102}^{(21)}m_{220}^{(22)}+4m_{200}^{(11)}m_{102}^{(21)}m_{211}^{(21)}-3m_{200}^{(11)}m_{102}^{(21)}m_{121}^{(20)}-m_{200}^{(11)}m_{102}^{(22)}m_{220}^{(21)}\\
&+m_{200}^{(11)}m_{102}^{(22)}m_{130}^{(20)}-m_{200}^{(11)}m_{021}^{(10)}m_{202}^{(22)}+m_{200}^{(11)}m_{021}^{(10)}m_{103}^{(20)}+m_{200}^{(11)}m_{021}^{(20)}m_{211}^{(22)}\\
&-m_{200}^{(11)}m_{021}^{(20)}m_{112}^{(20)}+m_{200}^{(11)}m_{021}^{(21)}m_{301}^{(22)}-m_{200}^{(11)}m_{021}^{(21)}m_{202}^{(20)}-m_{200}^{(11)}m_{021}^{(22)}m_{310}^{(22)}
\end{aligned}
$$

$$+m_{200}^{(11)}m_{021}^{(22)}m_{211}^{(20)}+m_{200}^{(11)}m_{012}^{(10)}m_{211}^{(22)}+m_{200}^{(11)}m_{012}^{(10)}m_{202}^{(21)}-2m_{200}^{(11)}m_{012}^{(10)}m_{112}^{(20)}$$
$$-m_{200}^{(11)}m_{012}^{(11)}m_{301}^{(22)}+m_{200}^{(11)}m_{012}^{(11)}m_{202}^{(20)}-m_{200}^{(11)}m_{012}^{(20)}m_{220}^{(22)}-m_{200}^{(11)}m_{012}^{(20)}m_{211}^{(21)}$$
$$+2m_{200}^{(11)}m_{012}^{(20)}m_{121}^{(20)}+m_{200}^{(11)}m_{012}^{(21)}m_{310}^{(22)}-m_{200}^{(11)}m_{012}^{(21)}m_{301}^{(21)}+m_{200}^{(11)}m_{012}^{(22)}m_{310}^{(21)}$$
$$-m_{200}^{(11)}m_{012}^{(22)}m_{220}^{(20)}-m_{200}^{(11)}m_{003}^{(10)}m_{211}^{(21)}+m_{200}^{(11)}m_{003}^{(10)}m_{121}^{(20)}+m_{200}^{(11)}m_{003}^{(11)}m_{301}^{(21)}$$
$$-m_{200}^{(11)}m_{003}^{(11)}m_{211}^{(20)}+m_{200}^{(11)}m_{003}^{(20)}m_{220}^{(21)}-m_{200}^{(11)}m_{003}^{(20)}m_{130}^{(20)}-m_{200}^{(11)}m_{003}^{(21)}m_{310}^{(21)}$$
$$+m_{200}^{(11)}m_{003}^{(21)}m_{220}^{(20)}+m_{200}^{(20)}m_{210}^{(11)}m_{013}^{(21)}-m_{200}^{(20)}m_{210}^{(11)}m_{004}^{(11)}-2m_{200}^{(20)}m_{210}^{(21)}m_{022}^{(21)}$$
$$+2m_{200}^{(20)}m_{210}^{(21)}m_{013}^{(11)}+m_{200}^{(20)}m_{210}^{(22)}m_{031}^{(21)}-m_{200}^{(20)}m_{210}^{(22)}m_{022}^{(11)}-m_{200}^{(20)}m_{201}^{(11)}m_{022}^{(21)}$$
$$+m_{200}^{(20)}m_{201}^{(11)}m_{013}^{(11)}+2m_{200}^{(20)}m_{201}^{(21)}m_{031}^{(21)}-2m_{200}^{(20)}m_{201}^{(21)}m_{022}^{(11)}-m_{200}^{(20)}m_{201}^{(22)}m_{040}^{(21)}$$
$$+m_{200}^{(20)}m_{201}^{(22)}m_{031}^{(11)}-m_{200}^{(20)}m_{120}^{(10)}m_{013}^{(21)}+m_{200}^{(20)}m_{120}^{(10)}m_{004}^{(11)}-m_{200}^{(20)}m_{120}^{(11)}m_{103}^{(21)}$$
$$+m_{200}^{(20)}m_{120}^{(11)}m_{004}^{(10)}+m_{200}^{(20)}m_{120}^{(20)}m_{022}^{(21)}-m_{200}^{(20)}m_{120}^{(20)}m_{013}^{(11)}+3m_{200}^{(20)}m_{120}^{(21)}m_{112}^{(21)}$$
$$-m_{200}^{(20)}m_{120}^{(21)}m_{103}^{(11)}-2m_{200}^{(20)}m_{120}^{(21)}m_{013}^{(10)}-2m_{200}^{(20)}m_{120}^{(22)}m_{121}^{(21)}+m_{200}^{(20)}m_{120}^{(22)}m_{112}^{(11)}$$
$$+m_{200}^{(20)}m_{120}^{(22)}m_{022}^{(10)}+2m_{200}^{(20)}m_{111}^{(10)}m_{022}^{(21)}-2m_{200}^{(20)}m_{111}^{(10)}m_{013}^{(11)}+2m_{200}^{(20)}m_{111}^{(11)}m_{103}^{(11)}$$
$$-2m_{200}^{(20)}m_{111}^{(11)}m_{013}^{(10)}-2m_{200}^{(20)}m_{111}^{(20)}m_{031}^{(21)}+2m_{200}^{(20)}m_{111}^{(20)}m_{022}^{(11)}-2m_{200}^{(20)}m_{111}^{(21)}m_{121}^{(21)}$$
$$-2m_{200}^{(20)}m_{111}^{(21)}m_{112}^{(11)}+4m_{200}^{(20)}m_{111}^{(21)}m_{022}^{(10)}+2m_{200}^{(20)}m_{111}^{(22)}m_{130}^{(21)}-2m_{200}^{(20)}m_{111}^{(22)}m_{031}^{(10)}$$
$$-m_{200}^{(20)}m_{102}^{(10)}m_{031}^{(21)}+m_{200}^{(20)}m_{102}^{(10)}m_{022}^{(11)}+m_{200}^{(20)}m_{102}^{(11)}m_{121}^{(21)}-2m_{200}^{(20)}m_{102}^{(11)}m_{112}^{(11)}$$
$$+m_{200}^{(20)}m_{102}^{(11)}m_{022}^{(10)}+m_{200}^{(20)}m_{102}^{(20)}m_{040}^{(21)}-m_{200}^{(20)}m_{102}^{(20)}m_{031}^{(11)}-m_{200}^{(20)}m_{102}^{(21)}m_{130}^{(20)}$$
$$+3m_{200}^{(20)}m_{102}^{(21)}m_{121}^{(11)}-2m_{200}^{(20)}m_{102}^{(21)}m_{031}^{(10)}-m_{200}^{(20)}m_{102}^{(22)}m_{130}^{(11)}+m_{200}^{(20)}m_{102}^{(22)}m_{040}^{(10)}$$
$$+m_{200}^{(20)}m_{030}^{(10)}m_{103}^{(21)}-m_{200}^{(20)}m_{030}^{(10)}m_{004}^{(10)}-m_{200}^{(20)}m_{030}^{(20)}m_{112}^{(21)}+m_{200}^{(20)}m_{030}^{(20)}m_{013}^{(10)}$$
$$-m_{200}^{(20)}m_{030}^{(21)}m_{202}^{(21)}+m_{200}^{(20)}m_{030}^{(21)}m_{103}^{(10)}+m_{200}^{(20)}m_{030}^{(22)}m_{211}^{(21)}-m_{200}^{(20)}m_{030}^{(22)}m_{112}^{(10)}$$
$$-2m_{200}^{(20)}m_{021}^{(10)}m_{112}^{(21)}-m_{200}^{(20)}m_{021}^{(10)}m_{103}^{(11)}+3m_{200}^{(20)}m_{021}^{(10)}m_{013}^{(11)}+m_{200}^{(20)}m_{021}^{(11)}m_{202}^{(21)}$$
$$-m_{200}^{(20)}m_{021}^{(11)}m_{103}^{(10)}+2m_{200}^{(20)}m_{021}^{(20)}m_{121}^{(21)}+m_{200}^{(20)}m_{021}^{(20)}m_{112}^{(11)}-3m_{200}^{(20)}m_{021}^{(20)}m_{022}^{(10)}$$
$$+m_{200}^{(20)}m_{021}^{(21)}m_{202}^{(11)}-m_{200}^{(20)}m_{021}^{(21)}m_{112}^{(10)}-m_{200}^{(20)}m_{021}^{(22)}m_{220}^{(21)}-m_{200}^{(20)}m_{021}^{(22)}m_{211}^{(11)}$$
$$+2m_{200}^{(20)}m_{021}^{(22)}m_{121}^{(10)}+m_{200}^{(20)}m_{012}^{(10)}m_{121}^{(21)}+2m_{200}^{(20)}m_{012}^{(10)}m_{112}^{(11)}-3m_{200}^{(20)}m_{012}^{(10)}m_{022}^{(10)}$$
$$-m_{200}^{(20)}m_{012}^{(11)}m_{211}^{(21)}-m_{200}^{(20)}m_{012}^{(11)}m_{202}^{(11)}+2m_{200}^{(20)}m_{012}^{(11)}m_{112}^{(10)}-m_{200}^{(20)}m_{012}^{(20)}m_{130}^{(21)}$$
$$-2m_{200}^{(20)}m_{012}^{(20)}m_{121}^{(11)}+3m_{200}^{(20)}m_{012}^{(20)}m_{031}^{(10)}+m_{200}^{(20)}m_{012}^{(21)}m_{220}^{(21)}-m_{200}^{(20)}m_{012}^{(21)}m_{121}^{(10)}$$
$$+m_{200}^{(20)}m_{012}^{(22)}m_{220}^{(11)}-m_{200}^{(20)}m_{012}^{(22)}m_{130}^{(10)}-m_{200}^{(20)}m_{003}^{(10)}m_{121}^{(11)}+m_{200}^{(20)}m_{003}^{(10)}m_{031}^{(10)}$$
$$+m_{200}^{(20)}m_{003}^{(11)}m_{211}^{(11)}-m_{200}^{(20)}m_{003}^{(11)}m_{121}^{(10)}+m_{200}^{(20)}m_{003}^{(20)}m_{130}^{(11)}-m_{200}^{(20)}m_{003}^{(20)}m_{040}^{(10)}$$
$$-m_{200}^{(20)}m_{003}^{(21)}m_{220}^{(11)}+m_{200}^{(20)}m_{003}^{(21)}m_{130}^{(10)}-m_{200}^{(21)}m_{300}^{(11)}m_{022}^{(22)}+m_{200}^{(21)}m_{300}^{(11)}m_{004}^{(11)}$$
$$+2m_{200}^{(21)}m_{300}^{(21)}m_{031}^{(22)}-2m_{200}^{(21)}m_{300}^{(21)}m_{013}^{(11)}-m_{200}^{(21)}m_{300}^{(22)}m_{040}^{(22)}+m_{200}^{(21)}m_{300}^{(22)}m_{022}^{(11)}$$
$$+m_{200}^{(21)}m_{210}^{(10)}m_{022}^{(22)}-m_{200}^{(21)}m_{210}^{(10)}m_{004}^{(11)}+2m_{200}^{(21)}m_{210}^{(11)}m_{112}^{(22)}-m_{200}^{(21)}m_{210}^{(11)}m_{013}^{(20)}$$
$$-m_{200}^{(21)}m_{210}^{(11)}m_{004}^{(10)}-m_{200}^{(21)}m_{210}^{(20)}m_{031}^{(22)}+m_{200}^{(21)}m_{210}^{(20)}m_{013}^{(11)}-5m_{200}^{(21)}m_{210}^{(21)}m_{121}^{(22)}$$
$$+m_{200}^{(21)}m_{210}^{(21)}m_{103}^{(11)}+2m_{200}^{(21)}m_{210}^{(21)}m_{022}^{(20)}+2m_{200}^{(21)}m_{210}^{(21)}m_{013}^{(10)}+3m_{200}^{(21)}m_{210}^{(22)}m_{130}^{(22)}$$
$$-m_{200}^{(21)}m_{210}^{(22)}m_{112}^{(11)}-m_{200}^{(21)}m_{210}^{(22)}m_{031}^{(20)}-m_{200}^{(21)}m_{210}^{(22)}m_{022}^{(10)}-m_{200}^{(21)}m_{201}^{(10)}m_{031}^{(22)}$$
$$+m_{200}^{(21)}m_{201}^{(10)}m_{013}^{(11)}+m_{200}^{(21)}m_{201}^{(11)}m_{121}^{(22)}-3m_{200}^{(21)}m_{201}^{(11)}m_{103}^{(11)}+m_{200}^{(21)}m_{201}^{(11)}m_{022}^{(20)}$$
$$+m_{200}^{(21)}m_{201}^{(11)}m_{013}^{(10)}+m_{200}^{(21)}m_{201}^{(20)}m_{040}^{(22)}-m_{200}^{(21)}m_{201}^{(20)}m_{022}^{(11)}-m_{200}^{(21)}m_{201}^{(21)}m_{130}^{(22)}$$
$$+5m_{200}^{(21)}m_{201}^{(21)}m_{112}^{(11)}-2m_{200}^{(21)}m_{201}^{(21)}m_{031}^{(20)}-2m_{200}^{(21)}m_{201}^{(21)}m_{022}^{(10)}-2m_{200}^{(21)}m_{201}^{(22)}m_{121}^{(11)}$$
$$+m_{200}^{(21)}m_{201}^{(22)}m_{040}^{(20)}+m_{200}^{(21)}m_{201}^{(22)}m_{031}^{(10)}-2m_{200}^{(21)}m_{120}^{(10)}m_{112}^{(22)}+m_{200}^{(21)}m_{120}^{(10)}m_{013}^{(20)}$$
$$+m_{200}^{(21)}m_{120}^{(10)}m_{004}^{(10)}-m_{200}^{(21)}m_{120}^{(11)}m_{202}^{(22)}+m_{200}^{(21)}m_{120}^{(11)}m_{103}^{(20)}+2m_{200}^{(21)}m_{120}^{(20)}m_{121}^{(22)}$$

$$
\begin{aligned}
&-m_{200}^{(21)}m_{120}^{(20)}m_{022}^{(20)} - m_{200}^{(21)}m_{120}^{(20)}m_{013}^{(10)} + 4m_{200}^{(21)}m_{120}^{(21)}m_{211}^{(22)} - 3m_{200}^{(21)}m_{120}^{(21)}m_{112}^{(20)}\\
&-m_{200}^{(21)}m_{120}^{(21)}m_{103}^{(10)} - 3m_{200}^{(21)}m_{120}^{(22)}m_{220}^{(22)} + 2m_{200}^{(21)}m_{120}^{(22)}m_{121}^{(20)} + m_{200}^{(21)}m_{120}^{(22)}m_{112}^{(10)}\\
&+2m_{200}^{(21)}m_{111}^{(10)}m_{121}^{(22)} + 2m_{200}^{(21)}m_{111}^{(10)}m_{103}^{(11)} - 2m_{200}^{(21)}m_{111}^{(10)}m_{022}^{(20)} - 2m_{200}^{(21)}m_{111}^{(10)}m_{013}^{(10)}\\
&-2m_{200}^{(21)}m_{111}^{(11)}m_{211}^{(22)} + 2m_{200}^{(21)}m_{111}^{(11)}m_{103}^{(10)} - 2m_{200}^{(21)}m_{111}^{(20)}m_{130}^{(22)} - 2m_{200}^{(21)}m_{111}^{(20)}m_{112}^{(11)}\\
&+2m_{200}^{(21)}m_{111}^{(20)}m_{031}^{(20)} + 2m_{200}^{(21)}m_{111}^{(20)}m_{022}^{(10)} + 2m_{200}^{(21)}m_{111}^{(21)}m_{220}^{(22)} - 2m_{200}^{(21)}m_{111}^{(21)}m_{202}^{(11)}\\
&+2m_{200}^{(21)}m_{111}^{(21)}m_{121}^{(20)} - 2m_{200}^{(21)}m_{111}^{(21)}m_{112}^{(10)} + 2m_{200}^{(21)}m_{111}^{(22)}m_{211}^{(11)} - 2m_{200}^{(21)}m_{111}^{(22)}m_{130}^{(20)}\\
&-2m_{200}^{(21)}m_{102}^{(10)}m_{112}^{(11)} + m_{200}^{(21)}m_{102}^{(10)}m_{031}^{(20)} + m_{200}^{(21)}m_{102}^{(10)}m_{022}^{(10)} + 3m_{200}^{(21)}m_{102}^{(11)}m_{202}^{(11)}\\
&-m_{200}^{(21)}m_{102}^{(11)}m_{121}^{(20)} - 2m_{200}^{(21)}m_{102}^{(11)}m_{112}^{(10)} + 2m_{200}^{(21)}m_{102}^{(20)}m_{121}^{(11)} - m_{200}^{(21)}m_{102}^{(20)}m_{040}^{(20)}\\
&-m_{200}^{(21)}m_{102}^{(20)}m_{031}^{(10)} - 4m_{200}^{(21)}m_{102}^{(21)}m_{211}^{(11)} + m_{200}^{(21)}m_{102}^{(21)}m_{130}^{(20)} + 3m_{200}^{(21)}m_{102}^{(21)}m_{121}^{(10)}\\
&+m_{200}^{(21)}m_{102}^{(22)}m_{220}^{(11)} - m_{200}^{(21)}m_{102}^{(22)}m_{130}^{(10)} + m_{200}^{(21)}m_{030}^{(10)}m_{202}^{(22)} - m_{200}^{(21)}m_{030}^{(10)}m_{103}^{(20)}\\
&-m_{200}^{(21)}m_{030}^{(20)}m_{211}^{(22)} + m_{200}^{(21)}m_{030}^{(20)}m_{112}^{(20)} - m_{200}^{(21)}m_{030}^{(21)}m_{301}^{(22)} + m_{200}^{(21)}m_{030}^{(21)}m_{202}^{(20)}\\
&+m_{200}^{(21)}m_{030}^{(22)}m_{310}^{(22)} - m_{200}^{(21)}m_{030}^{(22)}m_{211}^{(20)} - m_{200}^{(21)}m_{021}^{(10)}m_{211}^{(22)} + 2m_{200}^{(21)}m_{021}^{(10)}m_{112}^{(20)}\\
&-m_{200}^{(21)}m_{021}^{(10)}m_{103}^{(10)} + m_{200}^{(21)}m_{021}^{(11)}m_{301}^{(22)} - m_{200}^{(21)}m_{021}^{(11)}m_{202}^{(20)} + m_{200}^{(21)}m_{021}^{(20)}m_{220}^{(22)}\\
&-2m_{200}^{(21)}m_{021}^{(20)}m_{121}^{(20)} + m_{200}^{(21)}m_{021}^{(20)}m_{112}^{(10)} - m_{200}^{(21)}m_{021}^{(21)}m_{310}^{(22)} + m_{200}^{(21)}m_{021}^{(21)}m_{202}^{(10)}\\
&+m_{200}^{(21)}m_{021}^{(22)}m_{220}^{(20)} - m_{200}^{(21)}m_{021}^{(22)}m_{211}^{(10)} - m_{200}^{(21)}m_{012}^{(10)}m_{202}^{(11)} - m_{200}^{(21)}m_{012}^{(10)}m_{121}^{(20)}\\
&+2m_{200}^{(21)}m_{012}^{(10)}m_{112}^{(10)} + m_{200}^{(21)}m_{012}^{(11)}m_{211}^{(20)} - m_{200}^{(21)}m_{012}^{(11)}m_{202}^{(10)} + m_{200}^{(21)}m_{012}^{(20)}m_{211}^{(11)}\\
&+m_{200}^{(21)}m_{012}^{(20)}m_{130}^{(20)} - 2m_{200}^{(21)}m_{012}^{(20)}m_{121}^{(10)} + m_{200}^{(21)}m_{012}^{(21)}m_{301}^{(11)} - m_{200}^{(21)}m_{012}^{(21)}m_{220}^{(20)}\\
&-m_{200}^{(21)}m_{012}^{(22)}m_{310}^{(11)} + m_{200}^{(21)}m_{012}^{(22)}m_{220}^{(10)} + m_{200}^{(21)}m_{003}^{(10)}m_{211}^{(11)} - m_{200}^{(21)}m_{003}^{(10)}m_{121}^{(10)}\\
&-m_{200}^{(21)}m_{003}^{(11)}m_{301}^{(11)} + m_{200}^{(21)}m_{003}^{(11)}m_{211}^{(10)} - m_{200}^{(21)}m_{003}^{(20)}m_{220}^{(11)} + m_{200}^{(21)}m_{003}^{(20)}m_{130}^{(10)}\\
&+m_{200}^{(21)}m_{003}^{(21)}m_{310}^{(11)} - m_{200}^{(21)}m_{003}^{(21)}m_{220}^{(10)} + m_{200}^{(22)}m_{300}^{(11)}m_{022}^{(21)} - m_{200}^{(22)}m_{300}^{(11)}m_{013}^{(11)}\\
&-2m_{200}^{(22)}m_{300}^{(21)}m_{031}^{(21)} + 2m_{200}^{(22)}m_{300}^{(21)}m_{022}^{(11)} + m_{200}^{(22)}m_{300}^{(22)}m_{040}^{(21)} - m_{200}^{(22)}m_{300}^{(22)}m_{031}^{(11)}\\
&-m_{200}^{(22)}m_{210}^{(10)}m_{022}^{(21)} + m_{200}^{(22)}m_{210}^{(10)}m_{013}^{(11)} - 2m_{200}^{(22)}m_{210}^{(11)}m_{112}^{(21)} + m_{200}^{(22)}m_{210}^{(11)}m_{103}^{(11)}\\
&+m_{200}^{(22)}m_{210}^{(11)}m_{013}^{(10)} + m_{200}^{(22)}m_{210}^{(20)}m_{031}^{(21)} - m_{200}^{(22)}m_{210}^{(20)}m_{022}^{(11)} + 5m_{200}^{(22)}m_{210}^{(21)}m_{121}^{(21)}\\
&-3m_{200}^{(22)}m_{210}^{(21)}m_{112}^{(11)} - 2m_{200}^{(22)}m_{210}^{(21)}m_{022}^{(10)} - 3m_{200}^{(22)}m_{210}^{(22)}m_{130}^{(21)} + 2m_{200}^{(22)}m_{210}^{(22)}m_{121}^{(11)}\\
&+m_{200}^{(22)}m_{210}^{(22)}m_{031}^{(10)} + m_{200}^{(22)}m_{201}^{(10)}m_{031}^{(21)} - m_{200}^{(22)}m_{201}^{(10)}m_{022}^{(11)} - m_{200}^{(22)}m_{201}^{(11)}m_{121}^{(21)}\\
&+2m_{200}^{(22)}m_{201}^{(11)}m_{112}^{(11)} - m_{200}^{(22)}m_{201}^{(11)}m_{022}^{(10)} - m_{200}^{(22)}m_{201}^{(20)}m_{040}^{(21)} + m_{200}^{(22)}m_{201}^{(20)}m_{031}^{(11)}\\
&+m_{200}^{(22)}m_{201}^{(21)}m_{130}^{(21)} - 3m_{200}^{(22)}m_{201}^{(21)}m_{121}^{(11)} + 2m_{200}^{(22)}m_{201}^{(21)}m_{031}^{(10)} + m_{200}^{(22)}m_{201}^{(22)}m_{130}^{(11)}\\
&-m_{200}^{(22)}m_{201}^{(22)}m_{040}^{(10)} + 2m_{200}^{(22)}m_{120}^{(10)}m_{112}^{(21)} - m_{200}^{(22)}m_{120}^{(10)}m_{103}^{(11)} - m_{200}^{(22)}m_{120}^{(10)}m_{013}^{(10)}\\
&+m_{200}^{(22)}m_{120}^{(11)}m_{202}^{(21)} - m_{200}^{(22)}m_{120}^{(11)}m_{103}^{(10)} - 2m_{200}^{(22)}m_{120}^{(20)}m_{121}^{(21)} + m_{200}^{(22)}m_{120}^{(20)}m_{112}^{(11)}\\
&+m_{200}^{(22)}m_{120}^{(20)}m_{022}^{(10)} - 4m_{200}^{(22)}m_{120}^{(21)}m_{211}^{(21)} + m_{200}^{(22)}m_{120}^{(21)}m_{202}^{(11)} + 3m_{200}^{(22)}m_{120}^{(21)}m_{112}^{(10)}\\
&+3m_{200}^{(22)}m_{120}^{(22)}m_{220}^{(21)} - m_{200}^{(22)}m_{120}^{(22)}m_{211}^{(11)} - 2m_{200}^{(22)}m_{120}^{(22)}m_{121}^{(10)} - 2m_{200}^{(22)}m_{111}^{(10)}m_{121}^{(21)}\\
&+2m_{200}^{(22)}m_{111}^{(10)}m_{022}^{(10)} + 2m_{200}^{(22)}m_{111}^{(11)}m_{211}^{(21)} - 2m_{200}^{(22)}m_{111}^{(11)}m_{202}^{(11)} + 2m_{200}^{(22)}m_{111}^{(20)}m_{130}^{(21)}\\
&-2m_{200}^{(22)}m_{111}^{(20)}m_{031}^{(10)} - 2m_{200}^{(22)}m_{111}^{(21)}m_{220}^{(21)} + 4m_{200}^{(22)}m_{111}^{(21)}m_{211}^{(11)} - 2m_{200}^{(22)}m_{111}^{(21)}m_{121}^{(10)}\\
&-2m_{200}^{(22)}m_{111}^{(22)}m_{220}^{(11)} + 2m_{200}^{(22)}m_{111}^{(22)}m_{130}^{(10)} + m_{200}^{(22)}m_{102}^{(10)}m_{121}^{(11)} - m_{200}^{(22)}m_{102}^{(10)}m_{031}^{(10)}\\
&-m_{200}^{(22)}m_{102}^{(11)}m_{211}^{(11)} + m_{200}^{(22)}m_{102}^{(11)}m_{121}^{(10)} - m_{200}^{(22)}m_{102}^{(20)}m_{130}^{(11)} + m_{200}^{(22)}m_{102}^{(20)}m_{040}^{(10)}\\
&+m_{200}^{(22)}m_{102}^{(21)}m_{220}^{(11)} - m_{200}^{(22)}m_{102}^{(21)}m_{130}^{(10)} - m_{200}^{(22)}m_{030}^{(10)}m_{202}^{(21)} + m_{200}^{(22)}m_{030}^{(10)}m_{103}^{(10)}\\
&+m_{200}^{(22)}m_{030}^{(20)}m_{211}^{(21)} - m_{200}^{(22)}m_{030}^{(20)}m_{112}^{(10)} + m_{200}^{(22)}m_{030}^{(21)}m_{301}^{(21)} - m_{200}^{(22)}m_{030}^{(21)}m_{202}^{(10)}\\
&-m_{200}^{(22)}m_{030}^{(22)}m_{310}^{(21)} + m_{200}^{(22)}m_{030}^{(22)}m_{211}^{(10)} + m_{200}^{(22)}m_{021}^{(10)}m_{211}^{(21)} + m_{200}^{(22)}m_{021}^{(10)}m_{202}^{(11)}
\end{aligned}
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\begin{aligned}
&-2m_{200}^{(22)}m_{021}^{(10)}m_{112}^{(10)} - m_{200}^{(22)}m_{021}^{(11)}m_{301}^{(21)} + m_{200}^{(22)}m_{021}^{(11)}m_{202}^{(10)} - m_{200}^{(22)}m_{021}^{(20)}m_{220}^{(21)}\\
&-m_{200}^{(22)}m_{021}^{(20)}m_{211}^{(11)} + 2m_{200}^{(22)}m_{021}^{(20)}m_{121}^{(10)} + m_{200}^{(22)}m_{021}^{(21)}m_{310}^{(21)} - m_{200}^{(22)}m_{021}^{(21)}m_{301}^{(11)}\\
&+m_{200}^{(22)}m_{021}^{(22)}m_{310}^{(11)} - m_{200}^{(22)}m_{021}^{(22)}m_{220}^{(10)} - m_{200}^{(22)}m_{012}^{(10)}m_{211}^{(11)} + m_{200}^{(22)}m_{012}^{(10)}m_{121}^{(10)}\\
&+m_{200}^{(22)}m_{012}^{(11)}m_{301}^{(11)} - m_{200}^{(22)}m_{012}^{(11)}m_{211}^{(10)} + m_{200}^{(22)}m_{012}^{(20)}m_{220}^{(11)} - m_{200}^{(22)}m_{012}^{(20)}m_{130}^{(10)}\\
&-m_{200}^{(22)}m_{012}^{(21)}m_{310}^{(11)} + m_{200}^{(22)}m_{012}^{(21)}m_{220}^{(10)} + m_{110}^{(00)}m_{210}^{(11)}m_{013}^{(22)} - m_{110}^{(00)}m_{210}^{(11)}m_{004}^{(21)}\\
&-2m_{110}^{(00)}m_{210}^{(21)}m_{022}^{(22)} + 2m_{110}^{(00)}m_{210}^{(21)}m_{013}^{(21)} + m_{110}^{(00)}m_{210}^{(22)}m_{031}^{(22)} - m_{110}^{(00)}m_{210}^{(22)}m_{022}^{(21)}\\
&-m_{110}^{(00)}m_{201}^{(11)}m_{022}^{(22)} + m_{110}^{(00)}m_{201}^{(11)}m_{013}^{(21)} + 2m_{110}^{(00)}m_{201}^{(21)}m_{031}^{(22)} - 2m_{110}^{(00)}m_{201}^{(21)}m_{022}^{(21)}\\
&-m_{110}^{(00)}m_{201}^{(22)}m_{040}^{(22)} + m_{110}^{(00)}m_{201}^{(22)}m_{031}^{(21)} - m_{110}^{(00)}m_{120}^{(10)}m_{013}^{(22)} + m_{110}^{(00)}m_{120}^{(10)}m_{004}^{(21)}\\
&-m_{110}^{(00)}m_{120}^{(11)}m_{103}^{(22)} + m_{110}^{(00)}m_{120}^{(11)}m_{004}^{(20)} + m_{110}^{(00)}m_{120}^{(20)}m_{022}^{(22)} - m_{110}^{(00)}m_{120}^{(20)}m_{013}^{(21)}\\
&+3m_{110}^{(00)}m_{120}^{(21)}m_{112}^{(22)} - m_{110}^{(00)}m_{120}^{(21)}m_{103}^{(21)} - 2m_{110}^{(00)}m_{120}^{(21)}m_{013}^{(20)} - 2m_{110}^{(00)}m_{120}^{(22)}m_{121}^{(22)}\\
&+m_{110}^{(00)}m_{120}^{(22)}m_{112}^{(21)} + m_{110}^{(00)}m_{120}^{(22)}m_{022}^{(20)} + 2m_{110}^{(00)}m_{111}^{(10)}m_{022}^{(22)} - 2m_{110}^{(00)}m_{111}^{(10)}m_{013}^{(21)}\\
&+2m_{110}^{(00)}m_{111}^{(11)}m_{103}^{(21)} - 2m_{110}^{(00)}m_{111}^{(11)}m_{013}^{(20)} - 2m_{110}^{(00)}m_{111}^{(20)}m_{031}^{(22)} + 2m_{110}^{(00)}m_{111}^{(20)}m_{022}^{(21)}\\
&-2m_{110}^{(00)}m_{111}^{(21)}m_{121}^{(22)} - 2m_{110}^{(00)}m_{111}^{(21)}m_{112}^{(21)} + 4m_{110}^{(00)}m_{111}^{(21)}m_{022}^{(20)} + 2m_{110}^{(00)}m_{111}^{(22)}m_{130}^{(22)}\\
&-2m_{110}^{(00)}m_{111}^{(22)}m_{031}^{(20)} - m_{110}^{(00)}m_{102}^{(10)}m_{031}^{(22)} + m_{110}^{(00)}m_{102}^{(10)}m_{031}^{(21)} + m_{110}^{(00)}m_{102}^{(11)}m_{121}^{(22)}\\
&-2m_{110}^{(00)}m_{102}^{(11)}m_{112}^{(21)} + m_{110}^{(00)}m_{102}^{(11)}m_{022}^{(20)} + m_{110}^{(00)}m_{102}^{(20)}m_{040}^{(22)} - m_{110}^{(00)}m_{102}^{(20)}m_{031}^{(21)}\\
&-m_{110}^{(00)}m_{102}^{(21)}m_{130}^{(22)} + 3m_{110}^{(00)}m_{102}^{(21)}m_{121}^{(21)} - 2m_{110}^{(00)}m_{102}^{(21)}m_{031}^{(20)} - m_{110}^{(00)}m_{102}^{(22)}m_{130}^{(21)}\\
&+m_{110}^{(00)}m_{102}^{(22)}m_{040}^{(20)} + m_{110}^{(00)}m_{030}^{(10)}m_{103}^{(22)} - m_{110}^{(00)}m_{030}^{(10)}m_{004}^{(20)} - m_{110}^{(00)}m_{030}^{(20)}m_{112}^{(22)}\\
&+m_{110}^{(00)}m_{030}^{(20)}m_{013}^{(20)} - m_{110}^{(00)}m_{030}^{(21)}m_{202}^{(22)} + m_{110}^{(00)}m_{030}^{(21)}m_{103}^{(20)} + m_{110}^{(00)}m_{030}^{(22)}m_{211}^{(22)}\\
&-m_{110}^{(00)}m_{030}^{(22)}m_{112}^{(20)} - 2m_{110}^{(00)}m_{021}^{(10)}m_{112}^{(22)} - m_{110}^{(00)}m_{021}^{(10)}m_{103}^{(21)} + 3m_{110}^{(00)}m_{021}^{(10)}m_{013}^{(20)}\\
&+m_{110}^{(00)}m_{021}^{(11)}m_{202}^{(22)} - m_{110}^{(00)}m_{021}^{(11)}m_{103}^{(20)} + 2m_{110}^{(00)}m_{021}^{(20)}m_{121}^{(22)} + m_{110}^{(00)}m_{021}^{(20)}m_{112}^{(21)}\\
&-3m_{110}^{(00)}m_{021}^{(20)}m_{022}^{(20)} + m_{110}^{(00)}m_{021}^{(21)}m_{202}^{(21)} - m_{110}^{(00)}m_{021}^{(21)}m_{112}^{(20)} - m_{110}^{(00)}m_{021}^{(22)}m_{220}^{(22)}\\
&-m_{110}^{(00)}m_{021}^{(22)}m_{211}^{(21)} + 2m_{110}^{(00)}m_{021}^{(22)}m_{121}^{(20)} + m_{110}^{(00)}m_{012}^{(10)}m_{121}^{(22)} + 2m_{110}^{(00)}m_{012}^{(10)}m_{112}^{(21)}\\
&-3m_{110}^{(00)}m_{012}^{(10)}m_{022}^{(20)} - m_{110}^{(00)}m_{012}^{(11)}m_{211}^{(22)} - m_{110}^{(00)}m_{012}^{(11)}m_{202}^{(21)} + 2m_{110}^{(00)}m_{012}^{(11)}m_{112}^{(20)}\\
&-m_{110}^{(00)}m_{012}^{(20)}m_{130}^{(22)} - 2m_{110}^{(00)}m_{012}^{(20)}m_{121}^{(21)} + 3m_{110}^{(00)}m_{012}^{(20)}m_{031}^{(20)} + m_{110}^{(00)}m_{012}^{(21)}m_{220}^{(22)}\\
&-m_{110}^{(00)}m_{012}^{(21)}m_{121}^{(20)} + m_{110}^{(00)}m_{012}^{(22)}m_{220}^{(21)} - m_{110}^{(00)}m_{012}^{(22)}m_{130}^{(20)} - m_{110}^{(00)}m_{003}^{(10)}m_{121}^{(21)}\\
&+m_{110}^{(00)}m_{003}^{(10)}m_{031}^{(20)} + m_{110}^{(00)}m_{003}^{(11)}m_{211}^{(21)} - m_{110}^{(00)}m_{003}^{(11)}m_{121}^{(20)} + m_{110}^{(00)}m_{003}^{(20)}m_{130}^{(21)}\\
&-m_{110}^{(00)}m_{003}^{(20)}m_{040}^{(20)} - m_{110}^{(00)}m_{003}^{(21)}m_{220}^{(21)} + m_{110}^{(00)}m_{003}^{(21)}m_{130}^{(20)} - m_{110}^{(10)}m_{300}^{(11)}m_{013}^{(22)}\\
&+m_{110}^{(10)}m_{300}^{(11)}m_{004}^{(21)} + 2m_{110}^{(10)}m_{300}^{(21)}m_{022}^{(22)} - 2m_{110}^{(10)}m_{300}^{(21)}m_{013}^{(21)} - m_{110}^{(10)}m_{300}^{(22)}m_{031}^{(22)}\\
&+m_{110}^{(10)}m_{300}^{(22)}m_{022}^{(21)} + 2m_{110}^{(10)}m_{210}^{(10)}m_{013}^{(22)} - 2m_{110}^{(10)}m_{210}^{(10)}m_{004}^{(21)} + m_{110}^{(10)}m_{210}^{(11)}m_{103}^{(22)}\\
&-m_{110}^{(10)}m_{210}^{(11)}m_{004}^{(20)} - 2m_{110}^{(10)}m_{210}^{(20)}m_{022}^{(22)} + 2m_{110}^{(10)}m_{210}^{(20)}m_{013}^{(21)} - 4m_{110}^{(10)}m_{210}^{(21)}m_{112}^{(22)}\\
&+2m_{110}^{(10)}m_{210}^{(21)}m_{103}^{(21)} + 2m_{110}^{(10)}m_{210}^{(21)}m_{013}^{(20)} + 3m_{110}^{(10)}m_{210}^{(22)}m_{121}^{(22)} - 2m_{110}^{(10)}m_{210}^{(22)}m_{112}^{(21)}\\
&-m_{110}^{(10)}m_{210}^{(22)}m_{022}^{(20)} - 2m_{110}^{(10)}m_{201}^{(10)}m_{022}^{(22)} + 2m_{110}^{(10)}m_{201}^{(10)}m_{013}^{(21)} + 2m_{110}^{(10)}m_{201}^{(11)}m_{112}^{(22)}\\
&-3m_{110}^{(10)}m_{201}^{(11)}m_{103}^{(21)} + m_{110}^{(10)}m_{201}^{(11)}m_{013}^{(20)} + 2m_{110}^{(10)}m_{201}^{(20)}m_{031}^{(22)} - 2m_{110}^{(10)}m_{201}^{(20)}m_{022}^{(21)}\\
&-2m_{110}^{(10)}m_{201}^{(21)}m_{121}^{(22)} + 4m_{110}^{(10)}m_{201}^{(21)}m_{112}^{(21)} - 2m_{110}^{(10)}m_{201}^{(21)}m_{022}^{(20)} - m_{110}^{(10)}m_{201}^{(22)}m_{121}^{(21)}\\
&+m_{110}^{(10)}m_{201}^{(22)}m_{031}^{(20)} - m_{110}^{(10)}m_{120}^{(00)}m_{013}^{(22)} + m_{110}^{(10)}m_{120}^{(00)}m_{004}^{(21)} - 2m_{110}^{(10)}m_{120}^{(10)}m_{103}^{(22)}\\
&+2m_{110}^{(10)}m_{120}^{(10)}m_{004}^{(20)} + 4m_{110}^{(10)}m_{120}^{(20)}m_{112}^{(22)} - 2m_{110}^{(10)}m_{120}^{(20)}m_{103}^{(21)} - 2m_{110}^{(10)}m_{120}^{(20)}m_{013}^{(20)}\\
&+2m_{110}^{(10)}m_{120}^{(21)}m_{202}^{(22)} - 2m_{110}^{(10)}m_{120}^{(21)}m_{103}^{(20)} - 3m_{110}^{(10)}m_{120}^{(22)}m_{211}^{(22)} + m_{110}^{(10)}m_{120}^{(22)}m_{202}^{(21)}\\
&+2m_{110}^{(10)}m_{120}^{(22)}m_{112}^{(20)} + 2m_{110}^{(10)}m_{111}^{(00)}m_{022}^{(22)} - 2m_{110}^{(10)}m_{111}^{(00)}m_{013}^{(21)} + 4m_{110}^{(10)}m_{111}^{(10)}m_{103}^{(21)}
\end{aligned}
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\begin{aligned}
&-4m_{110}^{(10)}m_{111}^{(10)}m_{013}^{(20)} - 2m_{110}^{(10)}m_{111}^{(11)}m_{202}^{(22)} + 2m_{110}^{(10)}m_{111}^{(11)}m_{103}^{(20)} - 4m_{110}^{(10)}m_{111}^{(20)}m_{121}^{(22)}\\
&+4m_{110}^{(10)}m_{111}^{(20)}m_{022}^{(20)} + 4m_{110}^{(10)}m_{111}^{(21)}m_{211}^{(22)} - 4m_{110}^{(10)}m_{111}^{(21)}m_{202}^{(21)} + 2m_{110}^{(10)}m_{111}^{(22)}m_{211}^{(21)}\\
&-2m_{110}^{(10)}m_{111}^{(22)}m_{121}^{(20)} - m_{110}^{(10)}m_{102}^{(00)}m_{031}^{(22)} + m_{110}^{(10)}m_{102}^{(00)}m_{022}^{(21)} + 2m_{110}^{(10)}m_{102}^{(10)}m_{121}^{(22)}\\
&-4m_{110}^{(10)}m_{102}^{(10)}m_{112}^{(21)} + 2m_{110}^{(10)}m_{102}^{(10)}m_{022}^{(20)} - m_{110}^{(10)}m_{102}^{(11)}m_{211}^{(22)} + 3m_{110}^{(10)}m_{102}^{(11)}m_{202}^{(21)}\\
&-2m_{110}^{(10)}m_{102}^{(11)}m_{112}^{(20)} + 2m_{110}^{(10)}m_{102}^{(20)}m_{121}^{(21)} - 2m_{110}^{(10)}m_{102}^{(20)}m_{031}^{(20)} - 2m_{110}^{(10)}m_{102}^{(21)}m_{211}^{(21)}\\
&+2m_{110}^{(10)}m_{102}^{(21)}m_{121}^{(20)} + m_{110}^{(10)}m_{030}^{(00)}m_{103}^{(22)} - m_{110}^{(10)}m_{030}^{(00)}m_{004}^{(20)} - 2m_{110}^{(10)}m_{030}^{(20)}m_{202}^{(22)}\\
&+2m_{110}^{(10)}m_{030}^{(20)}m_{103}^{(20)} + m_{110}^{(10)}m_{030}^{(22)}m_{301}^{(22)} - m_{110}^{(10)}m_{030}^{(22)}m_{202}^{(20)} - 2m_{110}^{(10)}m_{021}^{(00)}m_{112}^{(22)}\\
&-m_{110}^{(10)}m_{021}^{(00)}m_{103}^{(21)} + 3m_{110}^{(10)}m_{021}^{(00)}m_{013}^{(20)} + 2m_{110}^{(10)}m_{021}^{(10)}m_{202}^{(22)} - 2m_{110}^{(10)}m_{021}^{(10)}m_{103}^{(20)}\\
&+2m_{110}^{(10)}m_{021}^{(20)}m_{211}^{(22)} + 2m_{110}^{(10)}m_{021}^{(20)}m_{202}^{(21)} - 4m_{110}^{(10)}m_{021}^{(20)}m_{112}^{(20)} - 2m_{110}^{(10)}m_{021}^{(21)}m_{301}^{(22)}\\
&+2m_{110}^{(10)}m_{021}^{(21)}m_{202}^{(20)} - m_{110}^{(10)}m_{021}^{(22)}m_{301}^{(21)} + m_{110}^{(10)}m_{021}^{(22)}m_{211}^{(20)} + m_{110}^{(10)}m_{012}^{(00)}m_{121}^{(22)}\\
&+2m_{110}^{(10)}m_{012}^{(00)}m_{112}^{(21)} - 3m_{110}^{(10)}m_{012}^{(00)}m_{022}^{(20)} - 2m_{110}^{(10)}m_{012}^{(10)}m_{211}^{(22)} - 2m_{110}^{(10)}m_{012}^{(10)}m_{202}^{(21)}\\
&+4m_{110}^{(10)}m_{012}^{(10)}m_{112}^{(20)} + m_{110}^{(10)}m_{012}^{(11)}m_{301}^{(22)} - m_{110}^{(10)}m_{012}^{(11)}m_{202}^{(20)} - 2m_{110}^{(10)}m_{012}^{(20)}m_{211}^{(21)}\\
&+2m_{110}^{(10)}m_{012}^{(20)}m_{121}^{(20)} + 2m_{110}^{(10)}m_{012}^{(21)}m_{301}^{(21)} - 2m_{110}^{(10)}m_{012}^{(21)}m_{211}^{(20)} - m_{110}^{(10)}m_{003}^{(00)}m_{121}^{(21)}\\
&+m_{110}^{(10)}m_{003}^{(00)}m_{031}^{(20)} + 2m_{110}^{(10)}m_{003}^{(10)}m_{211}^{(21)} - 2m_{110}^{(10)}m_{003}^{(10)}m_{121}^{(20)} - m_{110}^{(10)}m_{003}^{(11)}m_{301}^{(21)}\\
&+m_{110}^{(10)}m_{003}^{(11)}m_{211}^{(20)} - m_{110}^{(11)}m_{300}^{(10)}m_{013}^{(22)} + m_{110}^{(11)}m_{300}^{(10)}m_{004}^{(21)} + m_{110}^{(11)}m_{300}^{(20)}m_{022}^{(22)}\\
&-m_{110}^{(11)}m_{300}^{(20)}m_{013}^{(21)} + m_{110}^{(11)}m_{300}^{(21)}m_{112}^{(22)} - m_{110}^{(11)}m_{300}^{(21)}m_{103}^{(21)} - m_{110}^{(11)}m_{300}^{(22)}m_{121}^{(22)}\\
&+m_{110}^{(11)}m_{300}^{(22)}m_{112}^{(21)} + m_{110}^{(11)}m_{210}^{(00)}m_{013}^{(22)} - m_{110}^{(11)}m_{210}^{(00)}m_{004}^{(21)} + m_{110}^{(11)}m_{210}^{(10)}m_{103}^{(22)}\\
&-m_{110}^{(11)}m_{210}^{(10)}m_{004}^{(20)} - 3m_{110}^{(11)}m_{210}^{(20)}m_{112}^{(22)} + 2m_{110}^{(11)}m_{210}^{(20)}m_{103}^{(21)} + m_{110}^{(11)}m_{210}^{(20)}m_{013}^{(20)}\\
&-m_{110}^{(11)}m_{210}^{(21)}m_{202}^{(22)} + m_{110}^{(11)}m_{210}^{(21)}m_{103}^{(20)} + 2m_{110}^{(11)}m_{210}^{(22)}m_{211}^{(22)} - m_{110}^{(11)}m_{210}^{(22)}m_{202}^{(21)}\\
&-m_{110}^{(11)}m_{210}^{(22)}m_{112}^{(20)} - m_{110}^{(11)}m_{201}^{(00)}m_{022}^{(22)} + m_{110}^{(11)}m_{201}^{(00)}m_{013}^{(21)} + 2m_{110}^{(11)}m_{201}^{(10)}m_{112}^{(22)}\\
&-3m_{110}^{(11)}m_{201}^{(10)}m_{103}^{(21)} + m_{110}^{(11)}m_{201}^{(10)}m_{013}^{(20)} + m_{110}^{(11)}m_{201}^{(20)}m_{112}^{(21)} - m_{110}^{(11)}m_{201}^{(20)}m_{022}^{(20)}\\
&-2m_{110}^{(11)}m_{201}^{(21)}m_{211}^{(22)} + 3m_{110}^{(11)}m_{201}^{(21)}m_{202}^{(21)} - m_{110}^{(11)}m_{201}^{(21)}m_{112}^{(20)} + m_{110}^{(11)}m_{201}^{(22)}m_{220}^{(22)}\\
&-2m_{110}^{(11)}m_{201}^{(22)}m_{211}^{(21)} + m_{110}^{(11)}m_{201}^{(22)}m_{121}^{(20)} - m_{110}^{(11)}m_{120}^{(00)}m_{103}^{(22)} + m_{110}^{(11)}m_{120}^{(00)}m_{004}^{(20)}\\
&+2m_{110}^{(11)}m_{120}^{(20)}m_{202}^{(22)} - 2m_{110}^{(11)}m_{120}^{(20)}m_{103}^{(20)} - m_{110}^{(11)}m_{120}^{(22)}m_{301}^{(22)} + m_{110}^{(11)}m_{120}^{(22)}m_{202}^{(20)}\\
&+2m_{110}^{(11)}m_{111}^{(00)}m_{103}^{(21)} - 2m_{110}^{(11)}m_{111}^{(00)}m_{013}^{(20)} - 2m_{110}^{(11)}m_{111}^{(10)}m_{202}^{(22)} + 2m_{110}^{(11)}m_{111}^{(10)}m_{103}^{(20)}\\
&+2m_{110}^{(11)}m_{111}^{(20)}m_{211}^{(22)} - 4m_{110}^{(11)}m_{111}^{(20)}m_{202}^{(21)} + 2m_{110}^{(11)}m_{111}^{(20)}m_{112}^{(20)} + 2m_{110}^{(11)}m_{111}^{(21)}m_{301}^{(22)}\\
&-2m_{110}^{(11)}m_{111}^{(21)}m_{202}^{(20)} - 2m_{110}^{(11)}m_{111}^{(22)}m_{310}^{(22)} + 2m_{110}^{(11)}m_{111}^{(22)}m_{301}^{(21)} + m_{110}^{(11)}m_{102}^{(00)}m_{121}^{(22)}\\
&-2m_{110}^{(11)}m_{102}^{(00)}m_{112}^{(21)} + m_{110}^{(11)}m_{102}^{(00)}m_{022}^{(20)} - m_{110}^{(11)}m_{102}^{(10)}m_{211}^{(22)} + 3m_{110}^{(11)}m_{102}^{(10)}m_{202}^{(21)}\\
&-2m_{110}^{(11)}m_{102}^{(10)}m_{112}^{(20)} - m_{110}^{(11)}m_{102}^{(20)}m_{220}^{(22)} + m_{110}^{(11)}m_{102}^{(20)}m_{211}^{(21)} + m_{110}^{(11)}m_{102}^{(21)}m_{310}^{(22)}\\
&-3m_{110}^{(11)}m_{102}^{(21)}m_{301}^{(21)} + 2m_{110}^{(11)}m_{102}^{(21)}m_{211}^{(20)} + m_{110}^{(11)}m_{102}^{(22)}m_{310}^{(21)} - m_{110}^{(11)}m_{102}^{(22)}m_{220}^{(20)}\\
&+m_{110}^{(11)}m_{021}^{(00)}m_{202}^{(22)} - m_{110}^{(11)}m_{021}^{(00)}m_{103}^{(20)} - 2m_{110}^{(11)}m_{021}^{(20)}m_{301}^{(22)} + 2m_{110}^{(11)}m_{021}^{(20)}m_{202}^{(20)}\\
&+m_{110}^{(11)}m_{021}^{(22)}m_{400}^{(22)} - m_{110}^{(11)}m_{021}^{(22)}m_{301}^{(20)} - m_{110}^{(11)}m_{012}^{(00)}m_{211}^{(22)} - m_{110}^{(11)}m_{012}^{(00)}m_{202}^{(21)}\\
&+2m_{110}^{(11)}m_{012}^{(00)}m_{112}^{(20)} + m_{110}^{(11)}m_{012}^{(10)}m_{301}^{(22)} - m_{110}^{(11)}m_{012}^{(10)}m_{202}^{(20)} + m_{110}^{(11)}m_{012}^{(20)}m_{310}^{(22)}\\
&+2m_{110}^{(11)}m_{012}^{(20)}m_{301}^{(21)} - 3m_{110}^{(11)}m_{012}^{(20)}m_{211}^{(20)} - m_{110}^{(11)}m_{012}^{(21)}m_{400}^{(22)} + m_{110}^{(11)}m_{012}^{(21)}m_{301}^{(20)}\\
&-m_{110}^{(11)}m_{012}^{(22)}m_{400}^{(21)} + m_{110}^{(11)}m_{012}^{(22)}m_{310}^{(20)} + m_{110}^{(11)}m_{003}^{(00)}m_{211}^{(21)} - m_{110}^{(11)}m_{003}^{(00)}m_{121}^{(20)}\\
&-m_{110}^{(11)}m_{003}^{(10)}m_{301}^{(21)} + m_{110}^{(11)}m_{003}^{(10)}m_{211}^{(20)} - m_{110}^{(11)}m_{003}^{(20)}m_{310}^{(21)} + m_{110}^{(11)}m_{003}^{(20)}m_{220}^{(20)}\\
&+m_{110}^{(11)}m_{003}^{(21)}m_{400}^{(21)} - m_{110}^{(11)}m_{003}^{(21)}m_{310}^{(20)} + m_{110}^{(20)}m_{300}^{(11)}m_{022}^{(22)} - m_{110}^{(20)}m_{300}^{(11)}m_{013}^{(21)}\\
&-2m_{110}^{(20)}m_{300}^{(21)}m_{031}^{(22)} + 2m_{110}^{(20)}m_{300}^{(21)}m_{022}^{(21)} + m_{110}^{(20)}m_{300}^{(22)}m_{040}^{(22)} - m_{110}^{(20)}m_{300}^{(22)}m_{031}^{(21)}
\end{aligned}
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\begin{aligned}
&-m_{110}^{(20)}m_{210}^{(10)}m_{022}^{(22)} + m_{110}^{(20)}m_{210}^{(10)}m_{004}^{(11)} - 2m_{110}^{(20)}m_{210}^{(11)}m_{112}^{(22)} + m_{110}^{(20)}m_{210}^{(11)}m_{103}^{(21)}\\
&+m_{110}^{(20)}m_{210}^{(11)}m_{004}^{(10)} + m_{110}^{(20)}m_{210}^{(20)}m_{031}^{(22)} - m_{110}^{(20)}m_{210}^{(20)}m_{013}^{(11)} + 5m_{110}^{(20)}m_{210}^{(21)}m_{121}^{(22)}\\
&-2m_{110}^{(20)}m_{210}^{(21)}m_{112}^{(21)} - m_{110}^{(20)}m_{210}^{(21)}m_{103}^{(11)} - 2m_{110}^{(20)}m_{210}^{(21)}m_{013}^{(10)} - 3m_{110}^{(20)}m_{210}^{(22)}m_{130}^{(22)}\\
&+m_{110}^{(20)}m_{210}^{(22)}m_{121}^{(21)} + m_{110}^{(20)}m_{210}^{(22)}m_{112}^{(11)} + m_{110}^{(20)}m_{210}^{(22)}m_{022}^{(10)} + m_{110}^{(20)}m_{201}^{(10)}m_{031}^{(22)}\\
&-m_{110}^{(20)}m_{201}^{(10)}m_{013}^{(11)} - m_{110}^{(20)}m_{201}^{(11)}m_{121}^{(22)} + 2m_{110}^{(20)}m_{201}^{(11)}m_{112}^{(21)} - m_{110}^{(20)}m_{201}^{(11)}m_{013}^{(10)}\\
&-m_{110}^{(20)}m_{201}^{(20)}m_{040}^{(22)} + m_{110}^{(20)}m_{201}^{(20)}m_{022}^{(11)} + m_{110}^{(20)}m_{201}^{(21)}m_{130}^{(22)} - 4m_{110}^{(20)}m_{201}^{(21)}m_{121}^{(21)}\\
&+m_{110}^{(20)}m_{201}^{(21)}m_{112}^{(11)} + 2m_{110}^{(20)}m_{201}^{(21)}m_{022}^{(10)} + 2m_{110}^{(20)}m_{201}^{(22)}m_{130}^{(21)} - m_{110}^{(20)}m_{201}^{(22)}m_{121}^{(11)}\\
&-m_{110}^{(20)}m_{201}^{(22)}m_{031}^{(10)} + m_{110}^{(20)}m_{120}^{(00)}m_{013}^{(21)} - m_{110}^{(20)}m_{120}^{(00)}m_{004}^{(11)} + 2m_{110}^{(20)}m_{120}^{(10)}m_{112}^{(22)}\\
&-2m_{110}^{(20)}m_{120}^{(10)}m_{004}^{(10)} + m_{110}^{(20)}m_{120}^{(11)}m_{202}^{(22)} - m_{110}^{(20)}m_{120}^{(11)}m_{004}^{(00)} - 2m_{110}^{(20)}m_{120}^{(20)}m_{121}^{(22)}\\
&-2m_{110}^{(20)}m_{120}^{(20)}m_{112}^{(21)} + 2m_{110}^{(20)}m_{120}^{(20)}m_{103}^{(11)} + 2m_{110}^{(20)}m_{120}^{(20)}m_{013}^{(10)} - 4m_{110}^{(20)}m_{120}^{(21)}m_{211}^{(22)}\\
&+2m_{110}^{(20)}m_{120}^{(21)}m_{103}^{(10)} + 2m_{110}^{(20)}m_{120}^{(21)}m_{013}^{(00)} + 3m_{110}^{(20)}m_{120}^{(22)}m_{220}^{(22)} + m_{110}^{(20)}m_{120}^{(22)}m_{211}^{(21)}\\
&-m_{110}^{(20)}m_{120}^{(22)}m_{202}^{(11)} - 2m_{110}^{(20)}m_{120}^{(22)}m_{112}^{(10)} - m_{110}^{(20)}m_{120}^{(22)}m_{022}^{(00)} - 2m_{110}^{(20)}m_{111}^{(00)}m_{022}^{(21)}\\
&+2m_{110}^{(20)}m_{111}^{(00)}m_{013}^{(11)} - 2m_{110}^{(20)}m_{111}^{(10)}m_{121}^{(22)} - 2m_{110}^{(20)}m_{111}^{(10)}m_{103}^{(11)} + 4m_{110}^{(20)}m_{111}^{(10)}m_{013}^{(10)}\\
&+2m_{110}^{(20)}m_{111}^{(11)}m_{211}^{(22)} - 2m_{110}^{(20)}m_{111}^{(11)}m_{202}^{(21)} - 2m_{110}^{(20)}m_{111}^{(11)}m_{103}^{(10)} + 2m_{110}^{(20)}m_{111}^{(11)}m_{013}^{(00)}\\
&+2m_{110}^{(20)}m_{111}^{(20)}m_{130}^{(22)} + 4m_{110}^{(20)}m_{111}^{(20)}m_{121}^{(21)} - 2m_{110}^{(20)}m_{111}^{(20)}m_{112}^{(11)} - 4m_{110}^{(20)}m_{111}^{(20)}m_{022}^{(10)}\\
&-2m_{110}^{(20)}m_{111}^{(21)}m_{220}^{(22)} + 4m_{110}^{(20)}m_{111}^{(21)}m_{211}^{(21)} + 2m_{110}^{(20)}m_{111}^{(21)}m_{202}^{(11)} - 4m_{110}^{(20)}m_{111}^{(21)}m_{022}^{(00)}\\
&-4m_{110}^{(20)}m_{111}^{(22)}m_{220}^{(21)} + 2m_{110}^{(20)}m_{111}^{(22)}m_{121}^{(10)} + 2m_{110}^{(20)}m_{111}^{(22)}m_{031}^{(00)} + m_{110}^{(20)}m_{102}^{(00)}m_{031}^{(21)}\\
&-m_{110}^{(20)}m_{102}^{(00)}m_{022}^{(11)} + 2m_{110}^{(20)}m_{102}^{(10)}m_{112}^{(11)} - 2m_{110}^{(20)}m_{102}^{(10)}m_{022}^{(10)} - m_{110}^{(20)}m_{102}^{(11)}m_{211}^{(21)}\\
&+2m_{110}^{(20)}m_{102}^{(11)}m_{112}^{(10)} - m_{110}^{(20)}m_{102}^{(11)}m_{022}^{(00)} - 2m_{110}^{(20)}m_{102}^{(20)}m_{130}^{(21)} + 2m_{110}^{(20)}m_{102}^{(20)}m_{031}^{(10)}\\
&+2m_{110}^{(20)}m_{102}^{(21)}m_{220}^{(21)} - 2m_{110}^{(20)}m_{102}^{(21)}m_{211}^{(11)} - 2m_{110}^{(20)}m_{102}^{(21)}m_{121}^{(10)} + 2m_{110}^{(20)}m_{102}^{(21)}m_{031}^{(00)}\\
&+m_{110}^{(20)}m_{102}^{(22)}m_{220}^{(11)} - m_{110}^{(20)}m_{102}^{(22)}m_{040}^{(00)} - m_{110}^{(20)}m_{030}^{(00)}m_{103}^{(21)} + m_{110}^{(20)}m_{030}^{(00)}m_{004}^{(10)}\\
&-m_{110}^{(20)}m_{030}^{(10)}m_{202}^{(22)} + m_{110}^{(20)}m_{030}^{(10)}m_{004}^{(00)} + m_{110}^{(20)}m_{030}^{(20)}m_{211}^{(22)} + 2m_{110}^{(20)}m_{030}^{(20)}m_{202}^{(21)}\\
&-2m_{110}^{(20)}m_{030}^{(20)}m_{103}^{(10)} - m_{110}^{(20)}m_{030}^{(20)}m_{013}^{(00)} + m_{110}^{(20)}m_{030}^{(21)}m_{301}^{(22)} - m_{110}^{(20)}m_{030}^{(21)}m_{103}^{(00)}\\
&-m_{110}^{(20)}m_{030}^{(22)}m_{310}^{(22)} - m_{110}^{(20)}m_{030}^{(22)}m_{301}^{(21)} + m_{110}^{(20)}m_{030}^{(22)}m_{202}^{(10)} + m_{110}^{(20)}m_{030}^{(22)}m_{112}^{(00)}\\
&+2m_{110}^{(20)}m_{021}^{(00)}m_{112}^{(21)} + m_{110}^{(20)}m_{021}^{(00)}m_{103}^{(11)} - 3m_{110}^{(20)}m_{021}^{(00)}m_{013}^{(10)} + m_{110}^{(20)}m_{021}^{(10)}m_{211}^{(22)}\\
&+2m_{110}^{(20)}m_{021}^{(10)}m_{103}^{(10)} - 3m_{110}^{(20)}m_{021}^{(10)}m_{013}^{(00)} - m_{110}^{(20)}m_{021}^{(11)}m_{301}^{(22)} + m_{110}^{(20)}m_{021}^{(11)}m_{103}^{(00)}\\
&-m_{110}^{(20)}m_{021}^{(20)}m_{220}^{(22)} - 4m_{110}^{(20)}m_{021}^{(20)}m_{211}^{(21)} - 2m_{110}^{(20)}m_{021}^{(20)}m_{202}^{(11)} + 4m_{110}^{(20)}m_{021}^{(20)}m_{112}^{(10)}\\
&+3m_{110}^{(20)}m_{021}^{(20)}m_{022}^{(00)} + m_{110}^{(20)}m_{021}^{(21)}m_{310}^{(22)} - 2m_{110}^{(20)}m_{021}^{(21)}m_{202}^{(10)} + m_{110}^{(20)}m_{021}^{(21)}m_{112}^{(00)}\\
&+2m_{110}^{(20)}m_{021}^{(22)}m_{310}^{(21)} + m_{110}^{(20)}m_{021}^{(22)}m_{301}^{(11)} - m_{110}^{(20)}m_{021}^{(22)}m_{211}^{(10)} - 2m_{110}^{(20)}m_{021}^{(22)}m_{121}^{(00)}\\
&-m_{110}^{(20)}m_{012}^{(00)}m_{121}^{(21)} - 2m_{110}^{(20)}m_{012}^{(00)}m_{112}^{(11)} + 3m_{110}^{(20)}m_{012}^{(00)}m_{022}^{(10)} + m_{110}^{(20)}m_{012}^{(10)}m_{012}^{(11)}\\
&-4m_{110}^{(20)}m_{012}^{(10)}m_{112}^{(10)} + 3m_{110}^{(20)}m_{012}^{(10)}m_{022}^{(00)} + m_{110}^{(20)}m_{012}^{(11)}m_{301}^{(21)} + m_{110}^{(20)}m_{012}^{(11)}m_{202}^{(10)}\\
&-2m_{110}^{(20)}m_{012}^{(11)}m_{112}^{(00)} + 2m_{110}^{(20)}m_{012}^{(20)}m_{220}^{(21)} + 3m_{110}^{(20)}m_{012}^{(20)}m_{211}^{(11)} - 2m_{110}^{(20)}m_{012}^{(20)}m_{121}^{(10)}\\
&-3m_{110}^{(20)}m_{012}^{(20)}m_{031}^{(00)} - 2m_{110}^{(20)}m_{012}^{(21)}m_{310}^{(21)} - m_{110}^{(20)}m_{012}^{(21)}m_{301}^{(11)} + 2m_{110}^{(20)}m_{012}^{(21)}m_{211}^{(10)}\\
&+m_{110}^{(20)}m_{012}^{(21)}m_{121}^{(00)} - m_{110}^{(20)}m_{012}^{(22)}m_{310}^{(11)} + m_{110}^{(20)}m_{012}^{(22)}m_{130}^{(00)} + m_{110}^{(20)}m_{003}^{(00)}m_{121}^{(11)}\\
&-m_{110}^{(20)}m_{003}^{(00)}m_{031}^{(10)} - m_{110}^{(20)}m_{003}^{(10)}m_{211}^{(11)} + 2m_{110}^{(20)}m_{003}^{(10)}m_{121}^{(10)} - m_{110}^{(20)}m_{003}^{(10)}m_{031}^{(00)}\\
&-m_{110}^{(20)}m_{003}^{(11)}m_{211}^{(10)} + m_{110}^{(20)}m_{003}^{(11)}m_{121}^{(00)} - m_{110}^{(20)}m_{003}^{(20)}m_{220}^{(11)} + m_{110}^{(20)}m_{003}^{(20)}m_{040}^{(00)}\\
&+m_{110}^{(20)}m_{003}^{(21)}m_{310}^{(11)} - m_{110}^{(20)}m_{003}^{(21)}m_{130}^{(00)} + m_{110}^{(21)}m_{300}^{(10)}m_{022}^{(22)} - m_{110}^{(21)}m_{300}^{(10)}m_{004}^{(11)}\\
&+m_{110}^{(21)}m_{300}^{(11)}m_{013}^{(20)} - m_{110}^{(21)}m_{300}^{(11)}m_{004}^{(10)} - m_{110}^{(21)}m_{300}^{(20)}m_{031}^{(22)} + m_{110}^{(21)}m_{300}^{(20)}m_{013}^{(11)}
\end{aligned}
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\begin{aligned}
&-m_{110}^{(21)}m_{300}^{(21)}m_{121}^{(22)}+m_{110}^{(21)}m_{300}^{(21)}m_{103}^{(11)}-2m_{110}^{(21)}m_{300}^{(21)}m_{022}^{(20)}+2m_{110}^{(21)}m_{300}^{(21)}m_{013}^{(10)}\\
&+m_{110}^{(21)}m_{300}^{(22)}m_{130}^{(22)}-m_{110}^{(21)}m_{300}^{(22)}m_{112}^{(11)}+m_{110}^{(21)}m_{300}^{(22)}m_{031}^{(20)}-m_{110}^{(21)}m_{300}^{(22)}m_{022}^{(10)}\\
&-m_{110}^{(21)}m_{210}^{(00)}m_{022}^{(22)}+m_{110}^{(21)}m_{210}^{(00)}m_{004}^{(11)}-2m_{110}^{(21)}m_{210}^{(10)}m_{112}^{(22)}+2m_{110}^{(21)}m_{210}^{(10)}m_{004}^{(10)}\\
&-m_{110}^{(21)}m_{210}^{(11)}m_{103}^{(20)}+m_{110}^{(21)}m_{210}^{(11)}m_{004}^{(00)}+4m_{110}^{(21)}m_{210}^{(20)}m_{121}^{(22)}-2m_{110}^{(21)}m_{210}^{(20)}m_{103}^{(11)}\\
&-2m_{110}^{(21)}m_{210}^{(20)}m_{013}^{(10)}+2m_{110}^{(21)}m_{210}^{(21)}m_{211}^{(22)}+2m_{110}^{(21)}m_{210}^{(21)}m_{112}^{(20)}-2m_{110}^{(21)}m_{210}^{(21)}m_{103}^{(10)}\\
&-2m_{110}^{(21)}m_{210}^{(21)}m_{013}^{(00)}-3m_{110}^{(21)}m_{210}^{(22)}m_{220}^{(22)}+m_{110}^{(21)}m_{210}^{(22)}m_{202}^{(11)}-m_{110}^{(21)}m_{210}^{(22)}m_{121}^{(20)}\\
&+2m_{110}^{(21)}m_{210}^{(22)}m_{112}^{(10)}+m_{110}^{(21)}m_{210}^{(22)}m_{022}^{(00)}+m_{110}^{(21)}m_{201}^{(00)}m_{031}^{(22)}-m_{110}^{(21)}m_{201}^{(00)}m_{013}^{(11)}\\
&-m_{110}^{(21)}m_{201}^{(10)}m_{121}^{(22)}+3m_{110}^{(21)}m_{201}^{(10)}m_{103}^{(11)}-2m_{110}^{(21)}m_{201}^{(10)}m_{013}^{(10)}-2m_{110}^{(21)}m_{201}^{(11)}m_{112}^{(20)}\\
&+3m_{110}^{(21)}m_{201}^{(11)}m_{103}^{(10)}-m_{110}^{(21)}m_{201}^{(11)}m_{013}^{(00)}-m_{110}^{(21)}m_{201}^{(20)}m_{130}^{(22)}-m_{110}^{(21)}m_{201}^{(20)}m_{112}^{(11)}\\
&+2m_{110}^{(21)}m_{201}^{(20)}m_{022}^{(10)}+m_{110}^{(21)}m_{201}^{(21)}m_{220}^{(22)}-3m_{110}^{(21)}m_{201}^{(21)}m_{202}^{(11)}+4m_{110}^{(21)}m_{201}^{(21)}m_{121}^{(20)}\\
&-4m_{110}^{(21)}m_{201}^{(21)}m_{112}^{(10)}+2m_{110}^{(21)}m_{201}^{(21)}m_{022}^{(00)}+2m_{110}^{(21)}m_{201}^{(22)}m_{211}^{(11)}-2m_{110}^{(21)}m_{201}^{(22)}m_{130}^{(20)}\\
&+m_{110}^{(21)}m_{201}^{(22)}m_{121}^{(10)}-m_{110}^{(21)}m_{201}^{(22)}m_{031}^{(00)}+2m_{110}^{(21)}m_{120}^{(00)}m_{112}^{(22)}-m_{110}^{(21)}m_{120}^{(00)}m_{013}^{(20)}\\
&-m_{110}^{(21)}m_{120}^{(00)}m_{004}^{(10)}+m_{110}^{(21)}m_{120}^{(10)}m_{202}^{(22)}-m_{110}^{(21)}m_{120}^{(10)}m_{004}^{(00)}-5m_{110}^{(21)}m_{120}^{(20)}m_{211}^{(22)}\\
&+2m_{110}^{(21)}m_{120}^{(20)}m_{112}^{(20)}+2m_{110}^{(21)}m_{120}^{(20)}m_{103}^{(10)}+m_{110}^{(21)}m_{120}^{(20)}m_{013}^{(00)}-m_{110}^{(21)}m_{120}^{(21)}m_{301}^{(22)}\\
&+m_{110}^{(21)}m_{120}^{(21)}m_{103}^{(00)}+3m_{110}^{(21)}m_{120}^{(22)}m_{310}^{(22)}-m_{110}^{(21)}m_{120}^{(22)}m_{211}^{(20)}-m_{110}^{(21)}m_{120}^{(22)}m_{202}^{(10)}\\
&-m_{110}^{(21)}m_{120}^{(22)}m_{112}^{(00)}-2m_{110}^{(21)}m_{111}^{(00)}m_{121}^{(22)}-2m_{110}^{(21)}m_{111}^{(00)}m_{103}^{(11)}+2m_{110}^{(21)}m_{111}^{(00)}m_{022}^{(20)}\\
&+2m_{110}^{(21)}m_{111}^{(00)}m_{013}^{(10)}+2m_{110}^{(21)}m_{111}^{(10)}m_{211}^{(22)}-4m_{110}^{(21)}m_{111}^{(10)}m_{103}^{(10)}+2m_{110}^{(21)}m_{111}^{(10)}m_{013}^{(00)}\\
&+2m_{110}^{(21)}m_{111}^{(11)}m_{202}^{(20)}-2m_{110}^{(21)}m_{111}^{(11)}m_{103}^{(00)}+2m_{110}^{(21)}m_{111}^{(20)}m_{220}^{(22)}+4m_{110}^{(21)}m_{111}^{(20)}m_{202}^{(11)}\\
&-4m_{110}^{(21)}m_{111}^{(20)}m_{121}^{(20)}-2m_{110}^{(21)}m_{111}^{(20)}m_{022}^{(00)}-2m_{110}^{(21)}m_{111}^{(21)}m_{310}^{(22)}-4m_{110}^{(21)}m_{111}^{(21)}m_{211}^{(20)}\\
&+4m_{110}^{(21)}m_{111}^{(21)}m_{202}^{(10)}+2m_{110}^{(21)}m_{111}^{(21)}m_{112}^{(00)}-2m_{110}^{(21)}m_{111}^{(22)}m_{301}^{(11)}+4m_{110}^{(21)}m_{111}^{(22)}m_{220}^{(20)}\\
&-2m_{110}^{(21)}m_{111}^{(22)}m_{211}^{(10)}+2m_{110}^{(21)}m_{102}^{(00)}m_{112}^{(11)}-m_{110}^{(21)}m_{102}^{(00)}m_{031}^{(20)}-m_{110}^{(21)}m_{102}^{(00)}m_{022}^{(10)}\\
&-3m_{110}^{(21)}m_{102}^{(10)}m_{202}^{(11)}+4m_{110}^{(21)}m_{102}^{(10)}m_{112}^{(10)}-m_{110}^{(21)}m_{102}^{(10)}m_{022}^{(00)}+m_{110}^{(21)}m_{102}^{(11)}m_{211}^{(20)}\\
&-3m_{110}^{(21)}m_{102}^{(11)}m_{202}^{(10)}+2m_{110}^{(21)}m_{102}^{(11)}m_{112}^{(00)}-m_{110}^{(21)}m_{102}^{(20)}m_{211}^{(11)}+2m_{110}^{(21)}m_{102}^{(20)}m_{130}^{(20)}\\
&-2m_{110}^{(21)}m_{102}^{(20)}m_{121}^{(10)}+m_{110}^{(21)}m_{102}^{(20)}m_{031}^{(00)}+3m_{110}^{(21)}m_{102}^{(21)}m_{301}^{(11)}-2m_{110}^{(21)}m_{102}^{(21)}m_{220}^{(20)}\\
&+2m_{110}^{(21)}m_{102}^{(21)}m_{211}^{(10)}-3m_{110}^{(21)}m_{102}^{(21)}m_{121}^{(00)}-m_{110}^{(21)}m_{102}^{(22)}m_{310}^{(11)}+m_{110}^{(21)}m_{102}^{(22)}m_{130}^{(00)}\\
&-m_{110}^{(21)}m_{030}^{(00)}m_{202}^{(22)}+m_{110}^{(21)}m_{030}^{(00)}m_{103}^{(20)}+2m_{110}^{(21)}m_{030}^{(20)}m_{301}^{(22)}-2m_{110}^{(21)}m_{030}^{(20)}m_{202}^{(20)}\\
&-m_{110}^{(21)}m_{030}^{(22)}m_{400}^{(22)}+m_{110}^{(21)}m_{030}^{(22)}m_{301}^{(20)}+m_{110}^{(21)}m_{021}^{(00)}m_{211}^{(22)}-2m_{110}^{(21)}m_{021}^{(00)}m_{112}^{(20)}\\
&+m_{110}^{(21)}m_{021}^{(00)}m_{103}^{(10)}-m_{110}^{(21)}m_{021}^{(10)}m_{301}^{(22)}+m_{110}^{(21)}m_{021}^{(10)}m_{103}^{(00)}-m_{110}^{(21)}m_{021}^{(20)}m_{310}^{(22)}\\
&+4m_{110}^{(21)}m_{021}^{(20)}m_{211}^{(20)}-2m_{110}^{(21)}m_{021}^{(20)}m_{202}^{(10)}-m_{110}^{(21)}m_{021}^{(20)}m_{112}^{(00)}+m_{110}^{(21)}m_{021}^{(21)}m_{400}^{(22)}\\
&-m_{110}^{(21)}m_{021}^{(21)}m_{202}^{(00)}-2m_{110}^{(21)}m_{021}^{(22)}m_{310}^{(20)}+m_{110}^{(21)}m_{021}^{(22)}m_{301}^{(10)}+m_{110}^{(21)}m_{021}^{(22)}m_{211}^{(00)}\\
&+m_{110}^{(21)}m_{012}^{(00)}m_{202}^{(11)}+m_{110}^{(21)}m_{012}^{(00)}m_{121}^{(20)}-2m_{110}^{(21)}m_{012}^{(00)}m_{112}^{(10)}+2m_{110}^{(21)}m_{012}^{(10)}m_{202}^{(10)}\\
&-2m_{110}^{(21)}m_{012}^{(10)}m_{112}^{(00)}-m_{110}^{(21)}m_{012}^{(11)}m_{301}^{(20)}+m_{110}^{(21)}m_{012}^{(11)}m_{202}^{(00)}-2m_{110}^{(21)}m_{012}^{(20)}m_{301}^{(11)}\\
&-2m_{110}^{(21)}m_{012}^{(20)}m_{220}^{(20)}+2m_{110}^{(21)}m_{012}^{(20)}m_{211}^{(10)}+2m_{110}^{(21)}m_{012}^{(20)}m_{121}^{(00)}+2m_{110}^{(21)}m_{012}^{(21)}m_{310}^{(20)}\\
&-2m_{110}^{(21)}m_{012}^{(21)}m_{301}^{(10)}+m_{110}^{(21)}m_{012}^{(22)}m_{400}^{(11)}-m_{110}^{(21)}m_{012}^{(22)}m_{220}^{(00)}-m_{110}^{(21)}m_{003}^{(00)}m_{211}^{(11)}\\
&+m_{110}^{(21)}m_{003}^{(00)}m_{121}^{(10)}+m_{110}^{(21)}m_{003}^{(10)}m_{301}^{(11)}-2m_{110}^{(21)}m_{003}^{(10)}m_{211}^{(10)}+m_{110}^{(21)}m_{003}^{(10)}m_{121}^{(00)}\\
&+m_{110}^{(21)}m_{003}^{(11)}m_{301}^{(10)}-m_{110}^{(21)}m_{003}^{(11)}m_{211}^{(00)}+m_{110}^{(21)}m_{003}^{(20)}m_{310}^{(11)}-m_{110}^{(21)}m_{003}^{(20)}m_{130}^{(00)}\\
&-m_{110}^{(21)}m_{003}^{(21)}m_{400}^{(11)}+m_{110}^{(21)}m_{003}^{(21)}m_{220}^{(00)}-m_{110}^{(22)}m_{300}^{(10)}m_{022}^{(21)}+m_{110}^{(22)}m_{300}^{(10)}m_{013}^{(11)}\\
&-m_{110}^{(22)}m_{300}^{(11)}m_{022}^{(20)}+m_{110}^{(22)}m_{300}^{(11)}m_{013}^{(10)}+m_{110}^{(22)}m_{300}^{(20)}m_{031}^{(21)}-m_{110}^{(22)}m_{300}^{(20)}m_{022}^{(11)}
\end{aligned}
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\begin{aligned}
&+m_{110}^{(22)}m_{300}^{(21)}m_{121}^{(21)} - m_{110}^{(22)}m_{300}^{(21)}m_{112}^{(11)} + 2m_{110}^{(22)}m_{300}^{(21)}m_{031}^{(20)} - 2m_{110}^{(22)}m_{300}^{(21)}m_{022}^{(10)}\\
&-m_{110}^{(22)}m_{300}^{(22)}m_{130}^{(21)} + m_{110}^{(22)}m_{300}^{(22)}m_{121}^{(11)} - m_{110}^{(22)}m_{300}^{(22)}m_{040}^{(20)} + m_{110}^{(22)}m_{300}^{(22)}m_{031}^{(10)}\\
&+m_{110}^{(22)}m_{210}^{(00)}m_{022}^{(21)} - m_{110}^{(22)}m_{210}^{(00)}m_{013}^{(11)} + 2m_{110}^{(22)}m_{210}^{(10)}m_{112}^{(21)} - m_{110}^{(22)}m_{210}^{(10)}m_{103}^{(11)}\\
&+m_{110}^{(22)}m_{210}^{(10)}m_{022}^{(20)} - 2m_{110}^{(22)}m_{210}^{(10)}m_{013}^{(10)} + 2m_{110}^{(22)}m_{210}^{(11)}m_{112}^{(20)} - m_{110}^{(22)}m_{210}^{(11)}m_{103}^{(10)}\\
&-m_{110}^{(22)}m_{210}^{(11)}m_{013}^{(00)} - 4m_{110}^{(22)}m_{210}^{(20)}m_{121}^{(21)} + 3m_{110}^{(22)}m_{210}^{(20)}m_{112}^{(11)} - m_{110}^{(22)}m_{210}^{(20)}m_{031}^{(20)}\\
&+2m_{110}^{(22)}m_{210}^{(20)}m_{022}^{(10)} - 2m_{110}^{(22)}m_{210}^{(21)}m_{211}^{(21)} + m_{110}^{(22)}m_{210}^{(21)}m_{202}^{(11)} - 5m_{110}^{(22)}m_{210}^{(21)}m_{121}^{(20)}\\
&+4m_{110}^{(22)}m_{210}^{(21)}m_{112}^{(10)} + 2m_{110}^{(22)}m_{210}^{(21)}m_{022}^{(00)} + 3m_{110}^{(22)}m_{210}^{(22)}m_{220}^{(21)} - 2m_{110}^{(22)}m_{210}^{(22)}m_{211}^{(11)}\\
&+3m_{110}^{(22)}m_{210}^{(22)}m_{130}^{(20)} - 3m_{110}^{(22)}m_{210}^{(22)}m_{121}^{(10)} - m_{110}^{(22)}m_{210}^{(22)}m_{031}^{(00)} - m_{110}^{(22)}m_{201}^{(00)}m_{031}^{(21)}\\
&+m_{110}^{(22)}m_{201}^{(00)}m_{022}^{(11)} + m_{110}^{(22)}m_{201}^{(10)}m_{121}^{(21)} - 2m_{110}^{(22)}m_{201}^{(10)}m_{112}^{(11)} - m_{110}^{(22)}m_{201}^{(10)}m_{031}^{(20)}\\
&+2m_{110}^{(22)}m_{201}^{(10)}m_{022}^{(10)} + m_{110}^{(22)}m_{201}^{(11)}m_{121}^{(20)} - 2m_{110}^{(22)}m_{201}^{(11)}m_{112}^{(10)} + m_{110}^{(22)}m_{201}^{(11)}m_{022}^{(00)}\\
&+m_{110}^{(22)}m_{201}^{(20)}m_{130}^{(21)} + m_{110}^{(22)}m_{201}^{(20)}m_{040}^{(20)} - 2m_{110}^{(22)}m_{201}^{(20)}m_{031}^{(10)} - m_{110}^{(22)}m_{201}^{(21)}m_{220}^{(21)}\\
&+2m_{110}^{(22)}m_{201}^{(21)}m_{211}^{(11)} - m_{110}^{(22)}m_{201}^{(21)}m_{130}^{(20)} + 2m_{110}^{(22)}m_{201}^{(21)}m_{121}^{(10)} - 2m_{110}^{(22)}m_{201}^{(21)}m_{031}^{(00)}\\
&-m_{110}^{(22)}m_{201}^{(22)}m_{220}^{(11)} + m_{110}^{(22)}m_{201}^{(22)}m_{040}^{(00)} - 2m_{110}^{(22)}m_{120}^{(00)}m_{112}^{(21)} + m_{110}^{(22)}m_{120}^{(00)}m_{103}^{(11)}\\
&+m_{110}^{(22)}m_{120}^{(00)}m_{013}^{(10)} - m_{110}^{(22)}m_{120}^{(10)}m_{202}^{(21)} - 2m_{110}^{(22)}m_{120}^{(10)}m_{112}^{(20)} + 2m_{110}^{(22)}m_{120}^{(10)}m_{103}^{(10)}\\
&+m_{110}^{(22)}m_{120}^{(10)}m_{013}^{(00)} - m_{110}^{(22)}m_{120}^{(11)}m_{202}^{(20)} + m_{110}^{(22)}m_{120}^{(11)}m_{103}^{(00)} + 5m_{110}^{(22)}m_{120}^{(20)}m_{211}^{(21)}\\
&-2m_{110}^{(22)}m_{120}^{(20)}m_{202}^{(11)} + 2m_{110}^{(22)}m_{120}^{(20)}m_{121}^{(20)} - 4m_{110}^{(22)}m_{120}^{(20)}m_{112}^{(10)} - m_{110}^{(22)}m_{120}^{(20)}m_{022}^{(00)}\\
&+m_{110}^{(22)}m_{120}^{(21)}m_{301}^{(21)} + 4m_{110}^{(22)}m_{120}^{(21)}m_{211}^{(20)} - 2m_{110}^{(22)}m_{120}^{(21)}m_{202}^{(10)} - 3m_{110}^{(22)}m_{120}^{(21)}m_{112}^{(00)}\\
&-3m_{110}^{(22)}m_{120}^{(22)}m_{310}^{(21)} + m_{110}^{(22)}m_{120}^{(22)}m_{301}^{(11)} - 3m_{110}^{(22)}m_{120}^{(22)}m_{220}^{(20)} + 3m_{110}^{(22)}m_{120}^{(22)}m_{211}^{(10)}\\
&+2m_{110}^{(22)}m_{120}^{(22)}m_{121}^{(00)} + 2m_{110}^{(22)}m_{111}^{(00)}m_{121}^{(21)} - 2m_{110}^{(22)}m_{111}^{(00)}m_{112}^{(10)} - 2m_{110}^{(22)}m_{111}^{(10)}m_{121}^{(21)}\\
&+2m_{110}^{(22)}m_{111}^{(10)}m_{202}^{(11)} + 2m_{110}^{(22)}m_{111}^{(10)}m_{121}^{(20)} - 2m_{110}^{(22)}m_{111}^{(10)}m_{022}^{(00)} - 2m_{110}^{(22)}m_{111}^{(11)}m_{121}^{(20)}\\
&+2m_{110}^{(22)}m_{111}^{(11)}m_{202}^{(10)} - 2m_{110}^{(22)}m_{111}^{(20)}m_{220}^{(21)} - 2m_{110}^{(22)}m_{111}^{(20)}m_{211}^{(11)} - 2m_{110}^{(22)}m_{111}^{(20)}m_{130}^{(20)}\\
&+4m_{110}^{(22)}m_{111}^{(20)}m_{121}^{(10)} + 2m_{110}^{(22)}m_{111}^{(20)}m_{031}^{(00)} + 2m_{110}^{(22)}m_{111}^{(21)}m_{310}^{(21)} - 2m_{110}^{(22)}m_{111}^{(21)}m_{301}^{(11)}\\
&+2m_{110}^{(22)}m_{111}^{(21)}m_{220}^{(20)} - 4m_{110}^{(22)}m_{111}^{(21)}m_{211}^{(10)} + 2m_{110}^{(22)}m_{111}^{(21)}m_{121}^{(00)} + 2m_{110}^{(22)}m_{111}^{(22)}m_{310}^{(11)}\\
&-2m_{110}^{(22)}m_{111}^{(22)}m_{130}^{(00)} - m_{110}^{(22)}m_{102}^{(00)}m_{121}^{(11)} + m_{110}^{(22)}m_{102}^{(00)}m_{031}^{(10)} + m_{110}^{(22)}m_{102}^{(10)}m_{211}^{(11)}\\
&-2m_{110}^{(22)}m_{102}^{(10)}m_{121}^{(10)} + m_{110}^{(22)}m_{102}^{(10)}m_{031}^{(00)} + m_{110}^{(22)}m_{102}^{(11)}m_{211}^{(10)} - m_{110}^{(22)}m_{102}^{(11)}m_{121}^{(00)}\\
&+m_{110}^{(22)}m_{102}^{(20)}m_{220}^{(11)} - m_{110}^{(22)}m_{102}^{(20)}m_{040}^{(00)} - m_{110}^{(22)}m_{102}^{(21)}m_{310}^{(11)} + m_{110}^{(22)}m_{102}^{(21)}m_{130}^{(00)}\\
&+m_{110}^{(22)}m_{030}^{(00)}m_{202}^{(21)} - m_{110}^{(22)}m_{030}^{(00)}m_{103}^{(10)} + m_{110}^{(22)}m_{030}^{(10)}m_{202}^{(20)} - m_{110}^{(22)}m_{030}^{(10)}m_{103}^{(00)}\\
&-2m_{110}^{(22)}m_{030}^{(20)}m_{301}^{(21)} - m_{110}^{(22)}m_{030}^{(20)}m_{211}^{(20)} + 2m_{110}^{(22)}m_{030}^{(20)}m_{202}^{(10)} + m_{110}^{(22)}m_{030}^{(20)}m_{112}^{(00)}\\
&-m_{110}^{(22)}m_{030}^{(21)}m_{301}^{(20)} + m_{110}^{(22)}m_{030}^{(21)}m_{202}^{(00)} + m_{110}^{(22)}m_{030}^{(22)}m_{400}^{(21)} + m_{110}^{(22)}m_{030}^{(22)}m_{310}^{(20)}\\
&-m_{110}^{(22)}m_{030}^{(22)}m_{301}^{(10)} - m_{110}^{(22)}m_{030}^{(22)}m_{211}^{(00)} - m_{110}^{(22)}m_{021}^{(00)}m_{211}^{(21)} - m_{110}^{(22)}m_{021}^{(00)}m_{202}^{(11)}\\
&+2m_{110}^{(22)}m_{021}^{(00)}m_{112}^{(10)} + m_{110}^{(22)}m_{021}^{(10)}m_{301}^{(21)} - m_{110}^{(22)}m_{021}^{(10)}m_{211}^{(20)} - 2m_{110}^{(22)}m_{021}^{(10)}m_{202}^{(10)}\\
&+2m_{110}^{(22)}m_{021}^{(10)}m_{112}^{(00)} + m_{110}^{(22)}m_{021}^{(11)}m_{301}^{(20)} - m_{110}^{(22)}m_{021}^{(11)}m_{202}^{(00)} + m_{110}^{(22)}m_{021}^{(20)}m_{310}^{(21)}\\
&+2m_{110}^{(22)}m_{021}^{(20)}m_{301}^{(11)} + m_{110}^{(22)}m_{021}^{(20)}m_{220}^{(20)} - 2m_{110}^{(22)}m_{021}^{(20)}m_{211}^{(10)} - 2m_{110}^{(22)}m_{021}^{(20)}m_{121}^{(00)}\\
&-m_{110}^{(22)}m_{021}^{(21)}m_{400}^{(21)} - m_{110}^{(22)}m_{021}^{(21)}m_{310}^{(20)} + 2m_{110}^{(22)}m_{021}^{(21)}m_{301}^{(10)} - m_{110}^{(22)}m_{021}^{(22)}m_{400}^{(11)}\\
&+m_{110}^{(22)}m_{021}^{(22)}m_{220}^{(00)} + m_{110}^{(22)}m_{012}^{(00)}m_{211}^{(11)} - m_{110}^{(22)}m_{012}^{(00)}m_{121}^{(10)} - m_{110}^{(22)}m_{012}^{(10)}m_{301}^{(11)}\\
&+2m_{110}^{(22)}m_{012}^{(10)}m_{211}^{(10)} - m_{110}^{(22)}m_{012}^{(10)}m_{121}^{(00)} - m_{110}^{(22)}m_{012}^{(11)}m_{301}^{(10)} + m_{110}^{(22)}m_{012}^{(11)}m_{211}^{(00)}\\
&-m_{110}^{(22)}m_{012}^{(20)}m_{310}^{(11)} + m_{110}^{(22)}m_{012}^{(20)}m_{130}^{(00)} + m_{110}^{(22)}m_{012}^{(21)}m_{400}^{(11)} - m_{110}^{(22)}m_{012}^{(21)}m_{220}^{(00)}\\
&-m_{101}^{(00)}m_{210}^{(11)}m_{013}^{(21)} + m_{101}^{(00)}m_{210}^{(11)}m_{004}^{(11)} + 2m_{101}^{(00)}m_{210}^{(21)}m_{022}^{(21)} - 2m_{101}^{(00)}m_{210}^{(21)}m_{013}^{(11)}
\end{aligned}
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\begin{aligned}
&-m_{101}^{(00)}m_{210}^{(22)}m_{031}^{(21)}+m_{101}^{(00)}m_{210}^{(22)}m_{022}^{(11)}+m_{101}^{(00)}m_{201}^{(11)}m_{022}^{(21)}-m_{101}^{(00)}m_{201}^{(11)}m_{013}^{(11)}\\
&-2m_{101}^{(00)}m_{201}^{(21)}m_{031}^{(21)}+2m_{101}^{(00)}m_{201}^{(21)}m_{022}^{(11)}+m_{101}^{(00)}m_{201}^{(22)}m_{040}^{(21)}-m_{101}^{(00)}m_{201}^{(22)}m_{031}^{(11)}\\
&+m_{101}^{(00)}m_{120}^{(10)}m_{013}^{(21)}-m_{101}^{(00)}m_{120}^{(10)}m_{004}^{(11)}+m_{101}^{(00)}m_{120}^{(11)}m_{103}^{(21)}-m_{101}^{(00)}m_{120}^{(11)}m_{004}^{(10)}\\
&-m_{101}^{(00)}m_{120}^{(20)}m_{022}^{(21)}+m_{101}^{(00)}m_{120}^{(20)}m_{013}^{(11)}-3m_{101}^{(00)}m_{120}^{(21)}m_{112}^{(21)}+m_{101}^{(00)}m_{120}^{(21)}m_{103}^{(11)}\\
&+2m_{101}^{(00)}m_{120}^{(21)}m_{013}^{(10)}+2m_{101}^{(00)}m_{120}^{(22)}m_{121}^{(21)}-m_{101}^{(00)}m_{120}^{(22)}m_{112}^{(11)}-m_{101}^{(00)}m_{120}^{(22)}m_{022}^{(10)}\\
&-2m_{101}^{(00)}m_{111}^{(10)}m_{022}^{(21)}+2m_{101}^{(00)}m_{111}^{(10)}m_{013}^{(11)}-2m_{101}^{(00)}m_{111}^{(11)}m_{103}^{(11)}+2m_{101}^{(00)}m_{111}^{(11)}m_{013}^{(10)}\\
&+2m_{101}^{(00)}m_{111}^{(20)}m_{031}^{(21)}-2m_{101}^{(00)}m_{111}^{(20)}m_{022}^{(11)}+2m_{101}^{(00)}m_{111}^{(21)}m_{121}^{(21)}+2m_{101}^{(00)}m_{111}^{(21)}m_{112}^{(11)}\\
&-4m_{101}^{(00)}m_{111}^{(21)}m_{022}^{(10)}-2m_{101}^{(00)}m_{111}^{(22)}m_{130}^{(21)}+2m_{101}^{(00)}m_{111}^{(22)}m_{031}^{(10)}+m_{101}^{(00)}m_{102}^{(10)}m_{031}^{(21)}\\
&-m_{101}^{(00)}m_{102}^{(10)}m_{022}^{(11)}-m_{101}^{(00)}m_{102}^{(11)}m_{121}^{(21)}+2m_{101}^{(00)}m_{102}^{(11)}m_{112}^{(11)}-m_{101}^{(00)}m_{102}^{(11)}m_{022}^{(10)}\\
&-m_{101}^{(00)}m_{102}^{(20)}m_{040}^{(21)}+m_{101}^{(00)}m_{102}^{(20)}m_{031}^{(11)}+m_{101}^{(00)}m_{102}^{(21)}m_{130}^{(21)}-3m_{101}^{(00)}m_{102}^{(21)}m_{121}^{(11)}\\
&+2m_{101}^{(00)}m_{102}^{(21)}m_{031}^{(10)}+m_{101}^{(00)}m_{102}^{(22)}m_{130}^{(11)}-m_{101}^{(00)}m_{102}^{(22)}m_{040}^{(10)}-m_{101}^{(00)}m_{030}^{(10)}m_{103}^{(21)}\\
&+m_{101}^{(00)}m_{030}^{(10)}m_{004}^{(10)}+m_{101}^{(00)}m_{030}^{(20)}m_{112}^{(21)}-m_{101}^{(00)}m_{030}^{(20)}m_{013}^{(10)}+m_{101}^{(00)}m_{030}^{(21)}m_{202}^{(21)}\\
&-m_{101}^{(00)}m_{030}^{(21)}m_{103}^{(10)}-m_{101}^{(00)}m_{030}^{(22)}m_{211}^{(21)}+m_{101}^{(00)}m_{030}^{(22)}m_{112}^{(10)}+2m_{101}^{(00)}m_{021}^{(10)}m_{112}^{(21)}\\
&+m_{101}^{(00)}m_{021}^{(10)}m_{103}^{(11)}-3m_{101}^{(00)}m_{021}^{(10)}m_{013}^{(10)}-m_{101}^{(00)}m_{021}^{(11)}m_{202}^{(21)}+m_{101}^{(00)}m_{021}^{(11)}m_{103}^{(10)}\\
&-2m_{101}^{(00)}m_{021}^{(20)}m_{121}^{(21)}-m_{101}^{(00)}m_{021}^{(20)}m_{112}^{(11)}+3m_{101}^{(00)}m_{021}^{(20)}m_{022}^{(10)}-m_{101}^{(00)}m_{021}^{(21)}m_{202}^{(11)}\\
&+m_{101}^{(00)}m_{021}^{(21)}m_{112}^{(10)}+m_{101}^{(00)}m_{021}^{(22)}m_{220}^{(21)}+m_{101}^{(00)}m_{021}^{(22)}m_{211}^{(11)}-2m_{101}^{(00)}m_{021}^{(22)}m_{121}^{(10)}\\
&-m_{101}^{(00)}m_{012}^{(10)}m_{121}^{(21)}-2m_{101}^{(00)}m_{012}^{(10)}m_{112}^{(11)}+3m_{101}^{(00)}m_{012}^{(10)}m_{022}^{(10)}+m_{101}^{(00)}m_{012}^{(11)}m_{211}^{(21)}\\
&+m_{101}^{(00)}m_{012}^{(11)}m_{202}^{(11)}-2m_{101}^{(00)}m_{012}^{(11)}m_{112}^{(10)}+m_{101}^{(00)}m_{012}^{(20)}m_{130}^{(21)}+2m_{101}^{(00)}m_{012}^{(20)}m_{121}^{(11)}\\
&-3m_{101}^{(00)}m_{012}^{(20)}m_{031}^{(10)}-m_{101}^{(00)}m_{012}^{(21)}m_{220}^{(21)}+m_{101}^{(00)}m_{012}^{(21)}m_{121}^{(10)}-m_{101}^{(00)}m_{012}^{(22)}m_{220}^{(11)}\\
&+m_{101}^{(00)}m_{012}^{(22)}m_{130}^{(10)}+m_{101}^{(00)}m_{003}^{(10)}m_{121}^{(11)}-m_{101}^{(00)}m_{003}^{(10)}m_{031}^{(10)}-m_{101}^{(00)}m_{003}^{(11)}m_{211}^{(11)}\\
&+m_{101}^{(00)}m_{003}^{(11)}m_{121}^{(10)}-m_{101}^{(00)}m_{003}^{(20)}m_{130}^{(11)}+m_{101}^{(00)}m_{003}^{(20)}m_{040}^{(10)}+m_{101}^{(00)}m_{003}^{(21)}m_{220}^{(11)}\\
&-m_{101}^{(00)}m_{003}^{(21)}m_{130}^{(10)}+m_{101}^{(10)}m_{300}^{(11)}m_{013}^{(21)}-m_{101}^{(10)}m_{300}^{(11)}m_{004}^{(11)}-2m_{101}^{(10)}m_{300}^{(21)}m_{022}^{(21)}\\
&+2m_{101}^{(10)}m_{300}^{(21)}m_{013}^{(11)}+m_{101}^{(10)}m_{300}^{(22)}m_{031}^{(21)}-m_{101}^{(10)}m_{300}^{(22)}m_{022}^{(11)}-m_{101}^{(10)}m_{210}^{(10)}m_{022}^{(22)}\\
&+m_{101}^{(10)}m_{210}^{(10)}m_{004}^{(11)}+m_{101}^{(10)}m_{210}^{(11)}m_{112}^{(22)}-2m_{101}^{(10)}m_{210}^{(11)}m_{103}^{(21)}+m_{101}^{(10)}m_{210}^{(11)}m_{013}^{(20)}\\
&+m_{101}^{(10)}m_{210}^{(20)}m_{031}^{(22)}-m_{101}^{(10)}m_{210}^{(20)}m_{013}^{(11)}-m_{101}^{(10)}m_{210}^{(21)}m_{121}^{(22)}+4m_{101}^{(10)}m_{210}^{(21)}m_{112}^{(21)}\\
&-m_{101}^{(10)}m_{210}^{(21)}m_{103}^{(11)}-2m_{101}^{(10)}m_{210}^{(21)}m_{022}^{(20)}-2m_{101}^{(10)}m_{210}^{(22)}m_{121}^{(21)}+m_{101}^{(10)}m_{210}^{(22)}m_{112}^{(11)}\\
&+m_{101}^{(10)}m_{210}^{(22)}m_{031}^{(20)}+m_{101}^{(10)}m_{201}^{(10)}m_{031}^{(22)}-m_{101}^{(10)}m_{201}^{(10)}m_{013}^{(11)}-m_{101}^{(10)}m_{201}^{(11)}m_{121}^{(22)}\\
&-m_{101}^{(10)}m_{201}^{(11)}m_{112}^{(21)}+3m_{101}^{(10)}m_{201}^{(11)}m_{103}^{(11)}-m_{101}^{(10)}m_{201}^{(11)}m_{022}^{(20)}-m_{101}^{(10)}m_{201}^{(20)}m_{040}^{(22)}\\
&+m_{101}^{(10)}m_{201}^{(20)}m_{022}^{(11)}+m_{101}^{(10)}m_{201}^{(21)}m_{130}^{(22)}+2m_{101}^{(10)}m_{201}^{(21)}m_{121}^{(21)}-5m_{101}^{(10)}m_{201}^{(21)}m_{112}^{(11)}\\
&+2m_{101}^{(10)}m_{201}^{(21)}m_{031}^{(20)}-m_{101}^{(10)}m_{201}^{(22)}m_{130}^{(21)}+2m_{101}^{(10)}m_{201}^{(22)}m_{121}^{(11)}-m_{101}^{(10)}m_{201}^{(22)}m_{040}^{(20)}\\
&+m_{101}^{(10)}m_{120}^{(00)}m_{022}^{(22)}-m_{101}^{(10)}m_{120}^{(00)}m_{013}^{(21)}+2m_{101}^{(10)}m_{120}^{(10)}m_{103}^{(21)}-2m_{101}^{(10)}m_{120}^{(10)}m_{013}^{(20)}\\
&-m_{101}^{(10)}m_{120}^{(11)}m_{202}^{(22)}+m_{101}^{(10)}m_{120}^{(11)}m_{004}^{(00)}-2m_{101}^{(10)}m_{120}^{(20)}m_{121}^{(22)}+2m_{101}^{(10)}m_{120}^{(20)}m_{022}^{(20)}\\
&+2m_{101}^{(10)}m_{120}^{(21)}m_{211}^{(22)}-2m_{101}^{(10)}m_{120}^{(21)}m_{202}^{(21)}+2m_{101}^{(10)}m_{120}^{(21)}m_{112}^{(20)}-2m_{101}^{(10)}m_{120}^{(21)}m_{013}^{(00)}\\
&+m_{101}^{(10)}m_{120}^{(22)}m_{211}^{(21)}-2m_{101}^{(10)}m_{120}^{(22)}m_{121}^{(20)}+m_{101}^{(10)}m_{120}^{(22)}m_{022}^{(00)}-2m_{101}^{(10)}m_{111}^{(00)}m_{031}^{(22)}\\
&+2m_{101}^{(10)}m_{111}^{(00)}m_{022}^{(21)}+2m_{101}^{(10)}m_{111}^{(10)}m_{121}^{(22)}-4m_{101}^{(10)}m_{111}^{(10)}m_{112}^{(21)}-2m_{101}^{(10)}m_{111}^{(10)}m_{103}^{(11)}\\
&+4m_{101}^{(10)}m_{111}^{(10)}m_{022}^{(20)}+4m_{101}^{(10)}m_{111}^{(11)}m_{202}^{(21)}-2m_{101}^{(10)}m_{111}^{(11)}m_{112}^{(20)}-2m_{101}^{(10)}m_{111}^{(11)}m_{013}^{(00)}\\
&+2m_{101}^{(10)}m_{111}^{(20)}m_{130}^{(22)}+2m_{101}^{(10)}m_{111}^{(20)}m_{112}^{(11)}-4m_{101}^{(10)}m_{111}^{(20)}m_{031}^{(20)}-2m_{101}^{(10)}m_{111}^{(21)}m_{220}^{(22)}\\
&-4m_{101}^{(10)}m_{111}^{(21)}m_{211}^{(21)}+2m_{101}^{(10)}m_{111}^{(21)}m_{202}^{(11)}+4m_{101}^{(10)}m_{111}^{(21)}m_{022}^{(00)}+2m_{101}^{(10)}m_{111}^{(22)}m_{220}^{(21)}
\end{aligned}
$$

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\begin{aligned}
&-2m_{101}^{(10)}m_{111}^{(22)}m_{211}^{(11)} + 2m_{101}^{(10)}m_{111}^{(22)}m_{130}^{(20)} - 2m_{101}^{(10)}m_{111}^{(22)}m_{031}^{(00)} + m_{101}^{(10)}m_{102}^{(00)}m_{040}^{(22)}\\
&-m_{101}^{(10)}m_{102}^{(00)}m_{031}^{(21)} - 2m_{101}^{(10)}m_{102}^{(10)}m_{130}^{(22)} + 2m_{101}^{(10)}m_{102}^{(10)}m_{121}^{(21)} + 2m_{101}^{(10)}m_{102}^{(10)}m_{112}^{(11)}\\
&-2m_{101}^{(10)}m_{102}^{(10)}m_{031}^{(20)} + m_{101}^{(10)}m_{102}^{(11)}m_{220}^{(22)} - m_{101}^{(10)}m_{102}^{(11)}m_{211}^{(21)} - 3m_{101}^{(10)}m_{102}^{(11)}m_{202}^{(11)}\\
&+2m_{101}^{(10)}m_{102}^{(11)}m_{121}^{(20)} + m_{101}^{(10)}m_{102}^{(11)}m_{022}^{(00)} - 2m_{101}^{(10)}m_{102}^{(20)}m_{121}^{(11)} + 2m_{101}^{(10)}m_{102}^{(20)}m_{040}^{(20)}\\
&+4m_{101}^{(10)}m_{102}^{(21)}m_{211}^{(11)} - 2m_{101}^{(10)}m_{102}^{(21)}m_{130}^{(20)} - 2m_{101}^{(10)}m_{102}^{(21)}m_{031}^{(00)} - m_{101}^{(10)}m_{102}^{(22)}m_{220}^{(11)}\\
&+m_{101}^{(10)}m_{102}^{(22)}m_{040}^{(00)} - m_{101}^{(10)}m_{030}^{(00)}m_{112}^{(22)} + m_{101}^{(10)}m_{030}^{(00)}m_{013}^{(20)} + m_{101}^{(10)}m_{030}^{(10)}m_{202}^{(22)}\\
&-m_{101}^{(10)}m_{030}^{(10)}m_{004}^{(00)} + m_{101}^{(10)}m_{030}^{(20)}m_{211}^{(22)} - 2m_{101}^{(10)}m_{030}^{(20)}m_{112}^{(20)} + m_{101}^{(10)}m_{030}^{(20)}m_{013}^{(00)}\\
&-m_{101}^{(10)}m_{030}^{(21)}m_{301}^{(22)} + m_{101}^{(10)}m_{030}^{(21)}m_{103}^{(00)} + m_{101}^{(10)}m_{030}^{(22)}m_{211}^{(20)} - m_{101}^{(10)}m_{030}^{(22)}m_{112}^{(00)}\\
&+2m_{101}^{(10)}m_{021}^{(00)}m_{121}^{(22)} + m_{101}^{(10)}m_{021}^{(00)}m_{112}^{(21)} - 3m_{101}^{(10)}m_{021}^{(00)}m_{022}^{(20)} - 3m_{101}^{(10)}m_{021}^{(10)}m_{211}^{(22)}\\
&-2m_{101}^{(10)}m_{021}^{(10)}m_{202}^{(21)} + 2m_{101}^{(10)}m_{021}^{(10)}m_{112}^{(20)} + 3m_{101}^{(10)}m_{021}^{(10)}m_{013}^{(00)} + m_{101}^{(10)}m_{021}^{(11)}m_{301}^{(22)}\\
&-m_{101}^{(10)}m_{021}^{(11)}m_{103}^{(00)} - m_{101}^{(10)}m_{021}^{(20)}m_{220}^{(22)} + 4m_{101}^{(10)}m_{021}^{(20)}m_{121}^{(20)} - 3m_{101}^{(10)}m_{021}^{(20)}m_{022}^{(00)}\\
&+m_{101}^{(10)}m_{021}^{(21)}m_{310}^{(22)} + 2m_{101}^{(10)}m_{021}^{(21)}m_{301}^{(21)} - 2m_{101}^{(10)}m_{021}^{(21)}m_{211}^{(20)} - m_{101}^{(10)}m_{021}^{(21)}m_{112}^{(00)}\\
&-m_{101}^{(10)}m_{021}^{(22)}m_{310}^{(21)} - m_{101}^{(10)}m_{021}^{(22)}m_{220}^{(20)} + 2m_{101}^{(10)}m_{021}^{(22)}m_{121}^{(00)} - m_{101}^{(10)}m_{012}^{(00)}m_{130}^{(22)}\\
&-2m_{101}^{(10)}m_{012}^{(00)}m_{121}^{(21)} + 3m_{101}^{(10)}m_{012}^{(00)}m_{031}^{(20)} + 2m_{101}^{(10)}m_{012}^{(10)}m_{220}^{(22)} + 4m_{101}^{(10)}m_{012}^{(10)}m_{211}^{(21)}\\
&+m_{101}^{(10)}m_{012}^{(10)}m_{202}^{(11)} - 4m_{101}^{(10)}m_{012}^{(10)}m_{121}^{(20)} - 3m_{101}^{(10)}m_{012}^{(10)}m_{022}^{(00)} - m_{101}^{(10)}m_{012}^{(11)}m_{310}^{(22)}\\
&-2m_{101}^{(10)}m_{012}^{(11)}m_{301}^{(21)} + m_{101}^{(10)}m_{012}^{(11)}m_{211}^{(20)} + 2m_{101}^{(10)}m_{012}^{(11)}m_{112}^{(00)} - m_{101}^{(10)}m_{012}^{(20)}m_{211}^{(11)}\\
&-2m_{101}^{(10)}m_{012}^{(20)}m_{130}^{(20)} + 3m_{101}^{(10)}m_{012}^{(20)}m_{031}^{(00)} - m_{101}^{(10)}m_{012}^{(21)}m_{301}^{(11)} + 2m_{101}^{(10)}m_{012}^{(21)}m_{220}^{(20)}\\
&-m_{101}^{(10)}m_{012}^{(21)}m_{121}^{(00)} + m_{101}^{(10)}m_{012}^{(22)}m_{310}^{(11)} - m_{101}^{(10)}m_{012}^{(22)}m_{130}^{(00)} + m_{101}^{(10)}m_{003}^{(00)}m_{130}^{(21)}\\
&-m_{101}^{(10)}m_{003}^{(00)}m_{040}^{(20)} - 2m_{101}^{(10)}m_{003}^{(10)}m_{220}^{(21)} - m_{101}^{(10)}m_{003}^{(10)}m_{211}^{(11)} + 2m_{101}^{(10)}m_{003}^{(10)}m_{130}^{(20)}\\
&+m_{101}^{(10)}m_{003}^{(10)}m_{031}^{(00)} + m_{101}^{(10)}m_{003}^{(11)}m_{310}^{(21)} + m_{101}^{(10)}m_{003}^{(11)}m_{301}^{(11)} - m_{101}^{(10)}m_{003}^{(11)}m_{220}^{(20)}\\
&-m_{101}^{(10)}m_{003}^{(11)}m_{121}^{(00)} + m_{101}^{(10)}m_{003}^{(20)}m_{220}^{(11)} - m_{101}^{(10)}m_{003}^{(20)}m_{040}^{(00)} - m_{101}^{(10)}m_{003}^{(21)}m_{310}^{(11)}\\
&+m_{101}^{(10)}m_{003}^{(21)}m_{130}^{(00)} + m_{101}^{(11)}m_{300}^{(10)}m_{022}^{(22)} - m_{101}^{(11)}m_{300}^{(10)}m_{013}^{(21)} - m_{101}^{(11)}m_{300}^{(11)}m_{112}^{(22)}\\
&+m_{101}^{(11)}m_{300}^{(11)}m_{103}^{(21)} - m_{101}^{(11)}m_{300}^{(11)}m_{013}^{(20)} + m_{101}^{(11)}m_{300}^{(11)}m_{004}^{(10)} - m_{101}^{(11)}m_{300}^{(20)}m_{031}^{(22)}\\
&+m_{101}^{(11)}m_{300}^{(20)}m_{022}^{(21)} + m_{101}^{(11)}m_{300}^{(21)}m_{121}^{(22)} - m_{101}^{(11)}m_{300}^{(21)}m_{112}^{(21)} + 2m_{101}^{(11)}m_{300}^{(21)}m_{022}^{(20)}\\
&-2m_{101}^{(11)}m_{300}^{(21)}m_{013}^{(10)} - m_{101}^{(11)}m_{300}^{(22)}m_{031}^{(20)} + m_{101}^{(11)}m_{300}^{(22)}m_{022}^{(10)} - m_{101}^{(11)}m_{210}^{(00)}m_{022}^{(22)}\\
&+m_{101}^{(11)}m_{210}^{(00)}m_{013}^{(21)} - m_{101}^{(11)}m_{210}^{(10)}m_{103}^{(21)} + 2m_{101}^{(11)}m_{210}^{(10)}m_{013}^{(20)} - m_{101}^{(11)}m_{210}^{(10)}m_{004}^{(10)}\\
&+m_{101}^{(11)}m_{210}^{(11)}m_{202}^{(22)} - m_{101}^{(11)}m_{210}^{(11)}m_{004}^{(00)} + 2m_{101}^{(11)}m_{210}^{(20)}m_{121}^{(22)} - m_{101}^{(11)}m_{210}^{(20)}m_{112}^{(21)}\\
&-2m_{101}^{(11)}m_{210}^{(20)}m_{022}^{(20)} + m_{101}^{(11)}m_{210}^{(20)}m_{013}^{(10)} - 2m_{101}^{(11)}m_{210}^{(21)}m_{211}^{(22)} + m_{101}^{(11)}m_{210}^{(21)}m_{202}^{(21)}\\
&-2m_{101}^{(11)}m_{210}^{(21)}m_{112}^{(20)} + m_{101}^{(11)}m_{210}^{(21)}m_{103}^{(10)} + 2m_{101}^{(11)}m_{210}^{(21)}m_{013}^{(00)} + 2m_{101}^{(11)}m_{210}^{(22)}m_{121}^{(20)}\\
&-m_{101}^{(11)}m_{210}^{(22)}m_{112}^{(10)} - m_{101}^{(11)}m_{210}^{(22)}m_{022}^{(00)} + m_{101}^{(11)}m_{201}^{(00)}m_{031}^{(22)} - m_{101}^{(11)}m_{201}^{(00)}m_{022}^{(21)}\\
&-3m_{101}^{(11)}m_{201}^{(10)}m_{121}^{(22)} + 4m_{101}^{(11)}m_{201}^{(10)}m_{112}^{(21)} - 2m_{101}^{(11)}m_{201}^{(10)}m_{022}^{(20)} + m_{101}^{(11)}m_{201}^{(10)}m_{013}^{(10)}\\
&+2m_{101}^{(11)}m_{201}^{(11)}m_{211}^{(22)} - 3m_{101}^{(11)}m_{201}^{(11)}m_{202}^{(21)} + 3m_{101}^{(11)}m_{201}^{(11)}m_{112}^{(20)} - 3m_{101}^{(11)}m_{201}^{(11)}m_{103}^{(10)}\\
&+m_{101}^{(11)}m_{201}^{(11)}m_{013}^{(00)} + m_{101}^{(11)}m_{201}^{(20)}m_{130}^{(22)} - 2m_{101}^{(11)}m_{201}^{(20)}m_{121}^{(21)} + 2m_{101}^{(11)}m_{201}^{(20)}m_{031}^{(20)}\\
&-m_{101}^{(11)}m_{201}^{(20)}m_{022}^{(10)} - m_{101}^{(11)}m_{201}^{(21)}m_{220}^{(22)} + 2m_{101}^{(11)}m_{201}^{(21)}m_{211}^{(21)} - 4m_{101}^{(11)}m_{201}^{(21)}m_{121}^{(20)}\\
&+5m_{101}^{(11)}m_{201}^{(21)}m_{112}^{(10)} - 2m_{101}^{(11)}m_{201}^{(21)}m_{022}^{(00)} + m_{101}^{(11)}m_{201}^{(22)}m_{130}^{(20)} - 2m_{101}^{(11)}m_{201}^{(22)}m_{121}^{(10)}\\
&+m_{101}^{(11)}m_{201}^{(22)}m_{031}^{(00)} + m_{101}^{(11)}m_{120}^{(00)}m_{112}^{(22)} - m_{101}^{(11)}m_{120}^{(00)}m_{013}^{(20)} - m_{101}^{(11)}m_{120}^{(10)}m_{202}^{(22)}\\
&+m_{101}^{(11)}m_{120}^{(10)}m_{004}^{(00)} - m_{101}^{(11)}m_{120}^{(20)}m_{211}^{(22)} + 2m_{101}^{(11)}m_{120}^{(20)}m_{112}^{(20)} - m_{101}^{(11)}m_{120}^{(20)}m_{013}^{(00)}\\
&+m_{101}^{(11)}m_{120}^{(21)}m_{301}^{(22)} - m_{101}^{(11)}m_{120}^{(21)}m_{103}^{(00)} - m_{101}^{(11)}m_{120}^{(22)}m_{211}^{(20)} + m_{101}^{(11)}m_{120}^{(22)}m_{112}^{(00)}
\end{aligned}
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\begin{aligned}
&-2m_{101}^{(11)}m_{111}^{(00)}m_{112}^{(21)} + 2m_{101}^{(11)}m_{111}^{(00)}m_{022}^{(20)} + 2m_{101}^{(11)}m_{111}^{(10)}m_{211}^{(22)} + 2m_{101}^{(11)}m_{111}^{(10)}m_{202}^{(21)}\\
&-4m_{101}^{(11)}m_{111}^{(10)}m_{112}^{(20)} + 2m_{101}^{(11)}m_{111}^{(10)}m_{103}^{(10)} - 2m_{101}^{(11)}m_{111}^{(10)}m_{013}^{(00)} - 2m_{101}^{(11)}m_{111}^{(11)}m_{301}^{(22)}\\
&+2m_{101}^{(11)}m_{111}^{(11)}m_{103}^{(00)} - 2m_{101}^{(11)}m_{111}^{(20)}m_{220}^{(22)} + 2m_{101}^{(11)}m_{111}^{(20)}m_{211}^{(21)} - 2m_{101}^{(11)}m_{111}^{(20)}m_{112}^{(10)}\\
&+2m_{101}^{(11)}m_{111}^{(20)}m_{022}^{(00)} + 2m_{101}^{(11)}m_{111}^{(21)}m_{310}^{(22)} - 2m_{101}^{(11)}m_{111}^{(21)}m_{301}^{(21)} + 4m_{101}^{(11)}m_{111}^{(21)}m_{211}^{(20)}\\
&-2m_{101}^{(11)}m_{111}^{(21)}m_{202}^{(10)} - 2m_{101}^{(11)}m_{111}^{(21)}m_{112}^{(00)} - 2m_{101}^{(11)}m_{111}^{(22)}m_{220}^{(20)} + 2m_{101}^{(11)}m_{111}^{(22)}m_{211}^{(10)}\\
&-m_{101}^{(11)}m_{102}^{(00)}m_{130}^{(22)} + 2m_{101}^{(11)}m_{102}^{(00)}m_{121}^{(21)} - m_{101}^{(11)}m_{102}^{(00)}m_{031}^{(20)} + 2m_{101}^{(11)}m_{102}^{(10)}m_{220}^{(22)}\\
&-5m_{101}^{(11)}m_{102}^{(10)}m_{211}^{(21)} + 4m_{101}^{(11)}m_{102}^{(10)}m_{121}^{(20)} - 2m_{101}^{(11)}m_{102}^{(10)}m_{112}^{(10)} + m_{101}^{(11)}m_{102}^{(10)}m_{022}^{(00)}\\
&-m_{101}^{(11)}m_{102}^{(11)}m_{310}^{(22)} + 3m_{101}^{(11)}m_{102}^{(11)}m_{301}^{(21)} - 3m_{101}^{(11)}m_{102}^{(11)}m_{211}^{(20)} + 3m_{101}^{(11)}m_{102}^{(11)}m_{202}^{(10)}\\
&-2m_{101}^{(11)}m_{102}^{(11)}m_{112}^{(00)} + m_{101}^{(11)}m_{102}^{(20)}m_{220}^{(21)} - 2m_{101}^{(11)}m_{102}^{(20)}m_{130}^{(20)} + 2m_{101}^{(11)}m_{102}^{(20)}m_{121}^{(10)}\\
&-m_{101}^{(11)}m_{102}^{(20)}m_{031}^{(00)} - m_{101}^{(11)}m_{102}^{(21)}m_{310}^{(21)} + 2m_{101}^{(11)}m_{102}^{(21)}m_{220}^{(20)} - 4m_{101}^{(11)}m_{102}^{(21)}m_{211}^{(10)}\\
&+3m_{101}^{(11)}m_{102}^{(21)}m_{121}^{(00)} + m_{101}^{(11)}m_{102}^{(22)}m_{220}^{(10)} - m_{101}^{(11)}m_{102}^{(22)}m_{130}^{(00)} - m_{101}^{(11)}m_{021}^{(00)}m_{211}^{(22)}\\
&+m_{101}^{(11)}m_{021}^{(00)}m_{112}^{(20)} + m_{101}^{(11)}m_{021}^{(10)}m_{301}^{(22)} - m_{101}^{(11)}m_{021}^{(10)}m_{103}^{(00)} + m_{101}^{(11)}m_{021}^{(20)}m_{310}^{(22)}\\
&-2m_{101}^{(11)}m_{021}^{(20)}m_{211}^{(20)} + m_{101}^{(11)}m_{021}^{(20)}m_{112}^{(00)} - m_{101}^{(11)}m_{021}^{(21)}m_{400}^{(22)} + m_{101}^{(11)}m_{021}^{(21)}m_{202}^{(00)}\\
&+m_{101}^{(11)}m_{021}^{(22)}m_{310}^{(20)} - m_{101}^{(11)}m_{021}^{(22)}m_{211}^{(00)} + m_{101}^{(11)}m_{012}^{(00)}m_{220}^{(22)} + m_{101}^{(11)}m_{012}^{(00)}m_{211}^{(21)}\\
&-2m_{101}^{(11)}m_{012}^{(00)}m_{121}^{(20)} - 2m_{101}^{(11)}m_{012}^{(10)}m_{310}^{(22)} - m_{101}^{(11)}m_{012}^{(10)}m_{301}^{(21)} + 2m_{101}^{(11)}m_{012}^{(10)}m_{211}^{(20)}\\
&-m_{101}^{(11)}m_{012}^{(10)}m_{202}^{(10)} + 2m_{101}^{(11)}m_{012}^{(10)}m_{112}^{(00)} + m_{101}^{(11)}m_{012}^{(11)}m_{400}^{(22)} - m_{101}^{(11)}m_{012}^{(11)}m_{202}^{(00)}\\
&-m_{101}^{(11)}m_{012}^{(20)}m_{310}^{(21)} + 2m_{101}^{(11)}m_{012}^{(20)}m_{220}^{(20)} + m_{101}^{(11)}m_{012}^{(20)}m_{211}^{(10)} - 2m_{101}^{(11)}m_{012}^{(20)}m_{121}^{(00)}\\
&+m_{101}^{(11)}m_{012}^{(21)}m_{400}^{(21)} - 2m_{101}^{(11)}m_{012}^{(21)}m_{310}^{(20)} + m_{101}^{(11)}m_{012}^{(21)}m_{301}^{(10)} - m_{101}^{(11)}m_{012}^{(22)}m_{310}^{(10)}\\
&+m_{101}^{(11)}m_{012}^{(22)}m_{220}^{(00)} - m_{101}^{(11)}m_{003}^{(00)}m_{220}^{(21)} + m_{101}^{(11)}m_{003}^{(00)}m_{130}^{(20)} + 2m_{101}^{(11)}m_{003}^{(10)}m_{310}^{(21)}\\
&-2m_{101}^{(11)}m_{003}^{(10)}m_{220}^{(20)} + m_{101}^{(11)}m_{003}^{(10)}m_{211}^{(10)} - m_{101}^{(11)}m_{003}^{(10)}m_{121}^{(00)} - m_{101}^{(11)}m_{003}^{(11)}m_{400}^{(21)}\\
&+m_{101}^{(11)}m_{003}^{(11)}m_{310}^{(20)} - m_{101}^{(11)}m_{003}^{(11)}m_{301}^{(10)} + m_{101}^{(11)}m_{003}^{(11)}m_{211}^{(00)} - m_{101}^{(11)}m_{003}^{(20)}m_{220}^{(10)}\\
&+m_{101}^{(11)}m_{003}^{(20)}m_{130}^{(00)} + m_{101}^{(11)}m_{003}^{(21)}m_{310}^{(10)} - m_{101}^{(11)}m_{003}^{(21)}m_{220}^{(00)} - m_{101}^{(20)}m_{300}^{(11)}m_{022}^{(21)}\\
&+m_{101}^{(20)}m_{300}^{(11)}m_{013}^{(11)} + 2m_{101}^{(20)}m_{300}^{(21)}m_{031}^{(21)} - 2m_{101}^{(20)}m_{300}^{(21)}m_{022}^{(11)} - m_{101}^{(20)}m_{300}^{(22)}m_{040}^{(21)}\\
&+m_{101}^{(20)}m_{300}^{(22)}m_{031}^{(11)} + 2m_{101}^{(20)}m_{210}^{(10)}m_{022}^{(21)} - 2m_{101}^{(20)}m_{210}^{(10)}m_{013}^{(11)} + m_{101}^{(20)}m_{210}^{(11)}m_{112}^{(21)}\\
&-m_{101}^{(20)}m_{210}^{(11)}m_{013}^{(10)} - 2m_{101}^{(20)}m_{210}^{(20)}m_{031}^{(21)} + 2m_{101}^{(20)}m_{210}^{(20)}m_{022}^{(11)} - 4m_{101}^{(20)}m_{210}^{(21)}m_{121}^{(21)}\\
&+2m_{101}^{(20)}m_{210}^{(21)}m_{112}^{(11)} + 2m_{101}^{(20)}m_{210}^{(21)}m_{022}^{(10)} + 3m_{101}^{(20)}m_{210}^{(22)}m_{130}^{(21)} - 2m_{101}^{(20)}m_{210}^{(22)}m_{121}^{(11)}\\
&-m_{101}^{(20)}m_{210}^{(22)}m_{031}^{(10)} - 2m_{101}^{(20)}m_{201}^{(10)}m_{031}^{(21)} + 2m_{101}^{(20)}m_{201}^{(10)}m_{022}^{(11)} + 2m_{101}^{(20)}m_{201}^{(11)}m_{121}^{(21)}\\
&-3m_{101}^{(20)}m_{201}^{(11)}m_{112}^{(11)} + m_{101}^{(20)}m_{201}^{(11)}m_{022}^{(10)} + 2m_{101}^{(20)}m_{201}^{(20)}m_{040}^{(21)} - 2m_{101}^{(20)}m_{201}^{(20)}m_{031}^{(11)}\\
&-2m_{101}^{(20)}m_{201}^{(21)}m_{130}^{(21)} + 4m_{101}^{(20)}m_{201}^{(21)}m_{121}^{(11)} - 2m_{101}^{(20)}m_{201}^{(21)}m_{031}^{(10)} - m_{101}^{(20)}m_{201}^{(22)}m_{130}^{(11)}\\
&+m_{101}^{(20)}m_{201}^{(22)}m_{040}^{(10)} - m_{101}^{(20)}m_{120}^{(00)}m_{022}^{(21)} + m_{101}^{(20)}m_{120}^{(00)}m_{013}^{(11)} - 2m_{101}^{(20)}m_{120}^{(10)}m_{112}^{(21)}\\
&+2m_{101}^{(20)}m_{120}^{(10)}m_{013}^{(10)} + 4m_{101}^{(20)}m_{120}^{(20)}m_{121}^{(21)} - 2m_{101}^{(20)}m_{120}^{(20)}m_{112}^{(11)} - 2m_{101}^{(20)}m_{120}^{(20)}m_{022}^{(10)}\\
&+2m_{101}^{(20)}m_{120}^{(21)}m_{211}^{(21)} - 2m_{101}^{(20)}m_{120}^{(21)}m_{112}^{(10)} - 3m_{101}^{(20)}m_{120}^{(22)}m_{220}^{(21)} + m_{101}^{(20)}m_{120}^{(22)}m_{211}^{(11)}\\
&+2m_{101}^{(20)}m_{120}^{(22)}m_{121}^{(10)} + 2m_{101}^{(20)}m_{111}^{(00)}m_{031}^{(21)} - 2m_{101}^{(20)}m_{111}^{(00)}m_{022}^{(11)} + 4m_{101}^{(20)}m_{111}^{(10)}m_{112}^{(11)}\\
&-4m_{101}^{(20)}m_{111}^{(10)}m_{022}^{(10)} - 2m_{101}^{(20)}m_{111}^{(11)}m_{211}^{(21)} + 2m_{101}^{(20)}m_{111}^{(11)}m_{112}^{(10)} - 4m_{101}^{(20)}m_{111}^{(20)}m_{130}^{(21)}\\
&+4m_{101}^{(20)}m_{111}^{(20)}m_{031}^{(10)} + 4m_{101}^{(20)}m_{111}^{(21)}m_{220}^{(21)} - 4m_{101}^{(20)}m_{111}^{(21)}m_{211}^{(11)} + 2m_{101}^{(20)}m_{111}^{(22)}m_{220}^{(11)}\\
&-2m_{101}^{(20)}m_{111}^{(22)}m_{130}^{(10)} - m_{101}^{(20)}m_{102}^{(00)}m_{040}^{(21)} + m_{101}^{(20)}m_{102}^{(00)}m_{031}^{(11)} + 2m_{101}^{(20)}m_{102}^{(10)}m_{130}^{(21)}\\
&-4m_{101}^{(20)}m_{102}^{(10)}m_{121}^{(11)} + 2m_{101}^{(20)}m_{102}^{(10)}m_{031}^{(10)} - m_{101}^{(20)}m_{102}^{(11)}m_{220}^{(21)} + 3m_{101}^{(20)}m_{102}^{(11)}m_{211}^{(11)}\\
&-2m_{101}^{(20)}m_{102}^{(11)}m_{121}^{(10)} + 2m_{101}^{(20)}m_{102}^{(20)}m_{130}^{(11)} - 2m_{101}^{(20)}m_{102}^{(20)}m_{040}^{(10)} - 2m_{101}^{(20)}m_{102}^{(21)}m_{220}^{(11)}
\end{aligned}
$$

$$+2m_{101}^{(20)}m_{102}^{(21)}m_{130}^{(10)}+m_{101}^{(20)}m_{030}^{(00)}m_{112}^{(21)}-m_{101}^{(20)}m_{030}^{(00)}m_{013}^{(10)}-2m_{101}^{(20)}m_{030}^{(20)}m_{211}^{(21)}$$
$$+2m_{101}^{(20)}m_{030}^{(20)}m_{112}^{(10)}+m_{101}^{(20)}m_{030}^{(22)}m_{310}^{(21)}-m_{101}^{(20)}m_{030}^{(22)}m_{211}^{(10)}-2m_{101}^{(20)}m_{021}^{(00)}m_{121}^{(21)}$$
$$-m_{101}^{(20)}m_{021}^{(00)}m_{112}^{(11)}+3m_{101}^{(20)}m_{021}^{(00)}m_{022}^{(10)}+2m_{101}^{(20)}m_{021}^{(10)}m_{211}^{(21)}-2m_{101}^{(20)}m_{021}^{(10)}m_{112}^{(10)}$$
$$+2m_{101}^{(20)}m_{021}^{(20)}m_{220}^{(21)}+2m_{101}^{(20)}m_{021}^{(20)}m_{211}^{(11)}-4m_{101}^{(20)}m_{021}^{(20)}m_{121}^{(10)}-2m_{101}^{(20)}m_{021}^{(21)}m_{310}^{(21)}$$
$$+2m_{101}^{(20)}m_{021}^{(21)}m_{211}^{(10)}-m_{101}^{(20)}m_{021}^{(22)}m_{310}^{(11)}+m_{101}^{(20)}m_{021}^{(22)}m_{220}^{(10)}+m_{101}^{(20)}m_{012}^{(00)}m_{130}^{(21)}$$
$$+2m_{101}^{(20)}m_{012}^{(00)}m_{121}^{(11)}-3m_{101}^{(20)}m_{012}^{(00)}m_{031}^{(10)}-2m_{101}^{(20)}m_{012}^{(10)}m_{220}^{(21)}-2m_{101}^{(20)}m_{012}^{(10)}m_{211}^{(11)}$$
$$+4m_{101}^{(20)}m_{012}^{(10)}m_{121}^{(10)}+m_{101}^{(20)}m_{012}^{(11)}m_{310}^{(21)}-m_{101}^{(20)}m_{012}^{(11)}m_{211}^{(10)}-2m_{101}^{(20)}m_{012}^{(20)}m_{220}^{(11)}$$
$$+2m_{101}^{(20)}m_{012}^{(20)}m_{130}^{(10)}+2m_{101}^{(20)}m_{012}^{(21)}m_{310}^{(11)}-2m_{101}^{(20)}m_{012}^{(21)}m_{220}^{(10)}-m_{101}^{(20)}m_{003}^{(00)}m_{130}^{(11)}$$
$$+m_{101}^{(20)}m_{003}^{(00)}m_{040}^{(10)}+2m_{101}^{(20)}m_{003}^{(10)}m_{220}^{(11)}-2m_{101}^{(20)}m_{003}^{(10)}m_{130}^{(10)}-m_{101}^{(20)}m_{003}^{(11)}m_{310}^{(11)}$$
$$+m_{101}^{(20)}m_{003}^{(11)}m_{220}^{(10)}-m_{101}^{(21)}m_{300}^{(10)}m_{031}^{(22)}+m_{101}^{(21)}m_{300}^{(10)}m_{013}^{(11)}+m_{101}^{(21)}m_{300}^{(11)}m_{121}^{(22)}$$
$$-m_{101}^{(21)}m_{300}^{(11)}m_{103}^{(11)}+m_{101}^{(21)}m_{300}^{(20)}m_{022}^{(11)}-m_{101}^{(21)}m_{300}^{(11)}m_{013}^{(10)}+m_{101}^{(21)}m_{300}^{(20)}m_{040}^{(22)}$$
$$-m_{101}^{(21)}m_{300}^{(20)}m_{022}^{(11)}-m_{101}^{(21)}m_{300}^{(21)}m_{130}^{(22)}+m_{101}^{(21)}m_{300}^{(21)}m_{112}^{(11)}-2m_{101}^{(21)}m_{300}^{(21)}m_{031}^{(20)}$$
$$+2m_{101}^{(21)}m_{300}^{(21)}m_{022}^{(10)}+m_{101}^{(21)}m_{300}^{(22)}m_{040}^{(20)}-m_{101}^{(21)}m_{300}^{(22)}m_{031}^{(10)}+m_{101}^{(21)}m_{210}^{(00)}m_{031}^{(22)}$$
$$-m_{101}^{(21)}m_{210}^{(00)}m_{013}^{(11)}+m_{101}^{(21)}m_{210}^{(10)}m_{121}^{(22)}+m_{101}^{(21)}m_{210}^{(10)}m_{103}^{(11)}-2m_{101}^{(21)}m_{210}^{(10)}m_{022}^{(20)}$$
$$-2m_{101}^{(21)}m_{210}^{(11)}m_{211}^{(22)}-m_{101}^{(21)}m_{210}^{(11)}m_{112}^{(20)}+2m_{101}^{(21)}m_{210}^{(11)}m_{103}^{(10)}+m_{101}^{(21)}m_{210}^{(11)}m_{013}^{(00)}$$
$$-3m_{101}^{(21)}m_{210}^{(20)}m_{130}^{(22)}+m_{101}^{(21)}m_{210}^{(20)}m_{112}^{(11)}+2m_{101}^{(21)}m_{210}^{(20)}m_{031}^{(20)}+3m_{101}^{(21)}m_{210}^{(21)}m_{220}^{(22)}$$
$$-m_{101}^{(21)}m_{210}^{(21)}m_{202}^{(11)}+4m_{101}^{(21)}m_{210}^{(21)}m_{121}^{(20)}-4m_{101}^{(21)}m_{210}^{(21)}m_{112}^{(10)}-2m_{101}^{(21)}m_{210}^{(21)}m_{022}^{(00)}$$
$$-3m_{101}^{(21)}m_{210}^{(22)}m_{130}^{(20)}+2m_{101}^{(21)}m_{210}^{(22)}m_{121}^{(10)}+m_{101}^{(21)}m_{210}^{(22)}m_{031}^{(00)}-m_{101}^{(21)}m_{201}^{(00)}m_{040}^{(22)}$$
$$+m_{101}^{(21)}m_{201}^{(00)}m_{022}^{(11)}+2m_{101}^{(21)}m_{201}^{(10)}m_{130}^{(22)}-4m_{101}^{(21)}m_{201}^{(10)}m_{112}^{(11)}+2m_{101}^{(21)}m_{201}^{(10)}m_{031}^{(20)}$$
$$-m_{101}^{(21)}m_{201}^{(11)}m_{220}^{(22)}+3m_{101}^{(21)}m_{201}^{(11)}m_{202}^{(11)}-2m_{101}^{(21)}m_{201}^{(11)}m_{121}^{(20)}+m_{101}^{(21)}m_{201}^{(11)}m_{112}^{(10)}$$
$$-m_{101}^{(21)}m_{201}^{(11)}m_{022}^{(00)}+2m_{101}^{(21)}m_{201}^{(20)}m_{121}^{(11)}-2m_{101}^{(21)}m_{201}^{(20)}m_{040}^{(20)}-2m_{101}^{(21)}m_{201}^{(21)}m_{211}^{(11)}$$
$$+2m_{101}^{(21)}m_{201}^{(21)}m_{130}^{(20)}-2m_{101}^{(21)}m_{201}^{(21)}m_{121}^{(10)}+2m_{101}^{(21)}m_{201}^{(21)}m_{031}^{(00)}+m_{101}^{(21)}m_{201}^{(22)}m_{130}^{(10)}$$
$$-m_{101}^{(21)}m_{201}^{(22)}m_{040}^{(00)}-2m_{101}^{(21)}m_{120}^{(00)}m_{121}^{(22)}+m_{101}^{(21)}m_{120}^{(00)}m_{022}^{(20)}+m_{101}^{(21)}m_{120}^{(00)}m_{013}^{(10)}$$
$$+m_{101}^{(21)}m_{120}^{(10)}m_{211}^{(22)}+2m_{101}^{(21)}m_{120}^{(10)}m_{112}^{(20)}-2m_{101}^{(21)}m_{120}^{(10)}m_{103}^{(10)}-m_{101}^{(21)}m_{120}^{(10)}m_{013}^{(00)}$$
$$+m_{101}^{(21)}m_{120}^{(11)}m_{301}^{(22)}-m_{101}^{(21)}m_{120}^{(11)}m_{103}^{(00)}+3m_{101}^{(21)}m_{120}^{(20)}m_{220}^{(22)}-4m_{101}^{(21)}m_{120}^{(20)}m_{121}^{(20)}$$
$$+m_{101}^{(21)}m_{120}^{(20)}m_{022}^{(00)}-3m_{101}^{(21)}m_{120}^{(21)}m_{310}^{(22)}-2m_{101}^{(21)}m_{120}^{(21)}m_{211}^{(20)}+2m_{101}^{(21)}m_{120}^{(21)}m_{202}^{(10)}$$
$$+3m_{101}^{(21)}m_{120}^{(21)}m_{112}^{(00)}+3m_{101}^{(21)}m_{120}^{(22)}m_{220}^{(20)}-m_{101}^{(21)}m_{120}^{(22)}m_{211}^{(10)}-2m_{101}^{(21)}m_{120}^{(22)}m_{121}^{(00)}$$
$$+2m_{101}^{(21)}m_{111}^{(00)}m_{130}^{(22)}+2m_{101}^{(21)}m_{111}^{(00)}m_{112}^{(11)}-2m_{101}^{(21)}m_{111}^{(00)}m_{031}^{(20)}-2m_{101}^{(21)}m_{111}^{(00)}m_{022}^{(10)}$$
$$-4m_{101}^{(21)}m_{111}^{(10)}m_{220}^{(22)}-2m_{101}^{(21)}m_{111}^{(10)}m_{202}^{(11)}+4m_{101}^{(21)}m_{111}^{(10)}m_{112}^{(10)}+2m_{101}^{(21)}m_{111}^{(10)}m_{022}^{(00)}$$
$$+2m_{101}^{(21)}m_{111}^{(11)}m_{310}^{(22)}+2m_{101}^{(21)}m_{111}^{(11)}m_{211}^{(20)}-4m_{101}^{(21)}m_{111}^{(11)}m_{202}^{(10)}-2m_{101}^{(21)}m_{111}^{(20)}m_{211}^{(11)}$$
$$+4m_{101}^{(21)}m_{111}^{(20)}m_{130}^{(20)}-2m_{101}^{(21)}m_{111}^{(20)}m_{031}^{(00)}+2m_{101}^{(21)}m_{111}^{(21)}m_{301}^{(11)}-4m_{101}^{(21)}m_{111}^{(21)}m_{220}^{(20)}$$
$$+4m_{101}^{(21)}m_{111}^{(21)}m_{211}^{(10)}-2m_{101}^{(21)}m_{111}^{(21)}m_{121}^{(00)}-2m_{101}^{(21)}m_{111}^{(22)}m_{220}^{(10)}+2m_{101}^{(21)}m_{111}^{(22)}m_{130}^{(00)}$$
$$-2m_{101}^{(21)}m_{102}^{(00)}m_{121}^{(11)}+m_{101}^{(21)}m_{102}^{(00)}m_{040}^{(20)}+m_{101}^{(21)}m_{102}^{(00)}m_{031}^{(10)}+5m_{101}^{(21)}m_{102}^{(10)}m_{211}^{(11)}$$
$$-2m_{101}^{(21)}m_{102}^{(10)}m_{130}^{(20)}-2m_{101}^{(21)}m_{102}^{(10)}m_{121}^{(10)}-m_{101}^{(21)}m_{102}^{(10)}m_{031}^{(00)}-3m_{101}^{(21)}m_{102}^{(11)}m_{301}^{(11)}$$
$$+m_{101}^{(21)}m_{102}^{(11)}m_{220}^{(20)}+m_{101}^{(21)}m_{102}^{(11)}m_{211}^{(10)}+m_{101}^{(21)}m_{102}^{(11)}m_{121}^{(00)}-m_{101}^{(21)}m_{102}^{(20)}m_{220}^{(11)}$$
$$+m_{101}^{(21)}m_{102}^{(20)}m_{040}^{(00)}+m_{101}^{(21)}m_{102}^{(21)}m_{310}^{(11)}-m_{101}^{(21)}m_{102}^{(21)}m_{130}^{(00)}+m_{101}^{(21)}m_{030}^{(00)}m_{211}^{(22)}$$
$$-m_{101}^{(21)}m_{030}^{(00)}m_{112}^{(20)}+m_{101}^{(21)}m_{030}^{(00)}m_{103}^{(10)}-m_{101}^{(21)}m_{030}^{(20)}m_{310}^{(22)}$$
$$+2m_{101}^{(21)}m_{030}^{(20)}m_{211}^{(20)}-m_{101}^{(21)}m_{030}^{(20)}m_{112}^{(00)}+m_{101}^{(21)}m_{030}^{(21)}m_{400}^{(22)}-m_{101}^{(21)}m_{030}^{(21)}m_{202}^{(00)}$$

$$
\begin{aligned}
&-m_{101}^{(21)}m_{030}^{(22)}m_{310}^{(20)} + m_{101}^{(21)}m_{030}^{(22)}m_{211}^{(00)} - m_{101}^{(21)}m_{021}^{(00)}m_{220}^{(22)} + 2m_{101}^{(21)}m_{021}^{(00)}m_{121}^{(20)}\\
&-m_{101}^{(21)}m_{021}^{(00)}m_{112}^{(10)} + 2m_{101}^{(21)}m_{021}^{(10)}m_{310}^{(22)} - 2m_{101}^{(21)}m_{021}^{(10)}m_{211}^{(20)} + 2m_{101}^{(21)}m_{021}^{(10)}m_{202}^{(10)}\\
&-2m_{101}^{(21)}m_{021}^{(10)}m_{112}^{(00)} - m_{101}^{(21)}m_{021}^{(11)}m_{400}^{(22)} + m_{101}^{(21)}m_{021}^{(11)}m_{202}^{(00)} - 2m_{101}^{(21)}m_{021}^{(20)}m_{220}^{(20)}\\
&+2m_{101}^{(21)}m_{021}^{(20)}m_{121}^{(00)} + 2m_{101}^{(21)}m_{021}^{(21)}m_{310}^{(20)} - 2m_{101}^{(21)}m_{021}^{(21)}m_{301}^{(10)} + m_{101}^{(21)}m_{021}^{(22)}m_{310}^{(10)}\\
&-m_{101}^{(21)}m_{021}^{(22)}m_{220}^{(00)} - m_{101}^{(21)}m_{012}^{(00)}m_{211}^{(11)} - m_{101}^{(21)}m_{012}^{(00)}m_{130}^{(20)} + 2m_{101}^{(21)}m_{012}^{(00)}m_{121}^{(10)}\\
&+m_{101}^{(21)}m_{012}^{(10)}m_{301}^{(11)} + 2m_{101}^{(21)}m_{012}^{(10)}m_{220}^{(20)} - 4m_{101}^{(21)}m_{012}^{(10)}m_{211}^{(10)} + m_{101}^{(21)}m_{012}^{(10)}m_{121}^{(00)}\\
&-m_{101}^{(21)}m_{012}^{(11)}m_{310}^{(20)} + 2m_{101}^{(21)}m_{012}^{(11)}m_{301}^{(10)} - m_{101}^{(21)}m_{012}^{(11)}m_{211}^{(00)} + m_{101}^{(21)}m_{012}^{(20)}m_{310}^{(11)}\\
&-m_{101}^{(21)}m_{012}^{(20)}m_{130}^{(00)} - m_{101}^{(21)}m_{012}^{(21)}m_{400}^{(11)} + m_{101}^{(21)}m_{012}^{(21)}m_{220}^{(00)} + m_{101}^{(21)}m_{003}^{(00)}m_{220}^{(11)}\\
&-m_{101}^{(21)}m_{003}^{(00)}m_{130}^{(10)} - 2m_{101}^{(21)}m_{003}^{(10)}m_{310}^{(11)} + 2m_{101}^{(21)}m_{003}^{(10)}m_{220}^{(10)} + m_{101}^{(21)}m_{003}^{(11)}m_{400}^{(11)}\\
&-m_{101}^{(21)}m_{003}^{(11)}m_{310}^{(10)} + m_{101}^{(22)}m_{300}^{(10)}m_{031}^{(21)} - m_{101}^{(22)}m_{300}^{(10)}m_{022}^{(11)} - m_{101}^{(22)}m_{300}^{(11)}m_{121}^{(21)}\\
&+m_{101}^{(22)}m_{300}^{(11)}m_{112}^{(11)} - m_{101}^{(22)}m_{300}^{(20)}m_{040}^{(21)} + m_{101}^{(22)}m_{300}^{(20)}m_{031}^{(11)} + m_{101}^{(22)}m_{300}^{(21)}m_{130}^{(21)}\\
&-m_{101}^{(22)}m_{300}^{(21)}m_{121}^{(11)} - m_{101}^{(22)}m_{210}^{(00)}m_{031}^{(21)} + m_{101}^{(22)}m_{210}^{(00)}m_{022}^{(11)} - m_{101}^{(22)}m_{210}^{(10)}m_{121}^{(21)}\\
&+m_{101}^{(22)}m_{210}^{(10)}m_{022}^{(10)} + 2m_{101}^{(22)}m_{210}^{(11)}m_{211}^{(21)} - m_{101}^{(22)}m_{210}^{(11)}m_{202}^{(11)} - m_{101}^{(22)}m_{210}^{(11)}m_{112}^{(10)}\\
&+3m_{101}^{(22)}m_{210}^{(20)}m_{130}^{(21)} - 2m_{101}^{(22)}m_{210}^{(20)}m_{121}^{(11)} - m_{101}^{(22)}m_{210}^{(20)}m_{031}^{(10)} - 3m_{101}^{(22)}m_{210}^{(21)}m_{220}^{(21)}\\
&+2m_{101}^{(22)}m_{210}^{(21)}m_{211}^{(11)} + m_{101}^{(22)}m_{210}^{(21)}m_{121}^{(10)} + m_{101}^{(22)}m_{201}^{(00)}m_{040}^{(21)} - m_{101}^{(22)}m_{201}^{(00)}m_{031}^{(11)}\\
&-2m_{101}^{(22)}m_{201}^{(10)}m_{130}^{(21)} + 3m_{101}^{(22)}m_{201}^{(10)}m_{121}^{(11)} - m_{101}^{(22)}m_{201}^{(10)}m_{031}^{(10)} + m_{101}^{(22)}m_{201}^{(11)}m_{220}^{(21)}\\
&-2m_{101}^{(22)}m_{201}^{(11)}m_{211}^{(11)} + m_{101}^{(22)}m_{201}^{(11)}m_{121}^{(10)} - m_{101}^{(22)}m_{201}^{(20)}m_{130}^{(11)} + m_{101}^{(22)}m_{201}^{(20)}m_{040}^{(10)}\\
&+m_{101}^{(22)}m_{201}^{(21)}m_{220}^{(11)} - m_{101}^{(22)}m_{201}^{(21)}m_{130}^{(10)} + 2m_{101}^{(22)}m_{120}^{(00)}m_{121}^{(21)} - m_{101}^{(22)}m_{120}^{(00)}m_{112}^{(11)}\\
&-m_{101}^{(22)}m_{120}^{(00)}m_{022}^{(10)} - m_{101}^{(22)}m_{120}^{(10)}m_{211}^{(21)} + m_{101}^{(22)}m_{120}^{(10)}m_{202}^{(11)} - m_{101}^{(22)}m_{120}^{(11)}m_{301}^{(21)}\\
&+m_{101}^{(22)}m_{120}^{(11)}m_{202}^{(10)} - 3m_{101}^{(22)}m_{120}^{(20)}m_{220}^{(21)} + m_{101}^{(22)}m_{120}^{(20)}m_{211}^{(11)} + 2m_{101}^{(22)}m_{120}^{(20)}m_{121}^{(10)}\\
&+3m_{101}^{(22)}m_{120}^{(21)}m_{310}^{(21)} - m_{101}^{(22)}m_{120}^{(21)}m_{301}^{(11)} - 2m_{101}^{(22)}m_{120}^{(21)}m_{211}^{(10)} - 2m_{101}^{(22)}m_{111}^{(00)}m_{130}^{(21)}\\
&+2m_{101}^{(22)}m_{111}^{(00)}m_{031}^{(10)} + 4m_{101}^{(22)}m_{111}^{(10)}m_{220}^{(21)} - 2m_{101}^{(22)}m_{111}^{(10)}m_{211}^{(11)} - 2m_{101}^{(22)}m_{111}^{(10)}m_{121}^{(10)}\\
&-2m_{101}^{(22)}m_{111}^{(11)}m_{310}^{(21)} + 2m_{101}^{(22)}m_{111}^{(11)}m_{301}^{(11)} + 2m_{101}^{(22)}m_{111}^{(20)}m_{220}^{(11)} - 2m_{101}^{(22)}m_{111}^{(20)}m_{130}^{(10)}\\
&-2m_{101}^{(22)}m_{111}^{(21)}m_{310}^{(11)} + 2m_{101}^{(22)}m_{111}^{(21)}m_{220}^{(10)} + m_{101}^{(22)}m_{102}^{(00)}m_{130}^{(11)} - m_{101}^{(22)}m_{102}^{(00)}m_{040}^{(10)}\\
&-2m_{101}^{(22)}m_{102}^{(10)}m_{220}^{(11)} + 2m_{101}^{(22)}m_{102}^{(10)}m_{130}^{(10)} + m_{101}^{(22)}m_{102}^{(11)}m_{310}^{(11)} - m_{101}^{(22)}m_{102}^{(11)}m_{220}^{(10)}\\
&-m_{101}^{(22)}m_{030}^{(00)}m_{211}^{(21)} + m_{101}^{(22)}m_{030}^{(00)}m_{112}^{(10)} + m_{101}^{(22)}m_{030}^{(10)}m_{301}^{(21)} - m_{101}^{(22)}m_{030}^{(10)}m_{202}^{(10)}\\
&+m_{101}^{(22)}m_{030}^{(20)}m_{310}^{(21)} - m_{101}^{(22)}m_{030}^{(20)}m_{211}^{(10)} - m_{101}^{(22)}m_{030}^{(21)}m_{400}^{(21)} + m_{101}^{(22)}m_{030}^{(21)}m_{301}^{(10)}\\
&+m_{101}^{(22)}m_{021}^{(00)}m_{220}^{(21)} + m_{101}^{(22)}m_{021}^{(00)}m_{211}^{(11)} - 2m_{101}^{(22)}m_{021}^{(00)}m_{121}^{(10)} - 2m_{101}^{(22)}m_{021}^{(10)}m_{310}^{(21)}\\
&-m_{101}^{(22)}m_{021}^{(10)}m_{301}^{(11)} + 3m_{101}^{(22)}m_{021}^{(10)}m_{211}^{(10)} + m_{101}^{(22)}m_{021}^{(11)}m_{400}^{(21)} - m_{101}^{(22)}m_{021}^{(11)}m_{301}^{(10)}\\
&-m_{101}^{(22)}m_{021}^{(20)}m_{310}^{(11)} + m_{101}^{(22)}m_{021}^{(20)}m_{220}^{(10)} + m_{101}^{(22)}m_{021}^{(21)}m_{400}^{(11)} - m_{101}^{(22)}m_{021}^{(21)}m_{310}^{(10)}\\
&-m_{101}^{(22)}m_{012}^{(00)}m_{220}^{(11)} + m_{101}^{(22)}m_{012}^{(00)}m_{130}^{(10)} + 2m_{101}^{(22)}m_{012}^{(10)}m_{310}^{(11)} - 2m_{101}^{(22)}m_{012}^{(10)}m_{220}^{(10)}\\
&-m_{101}^{(22)}m_{012}^{(11)}m_{400}^{(11)} + m_{101}^{(22)}m_{012}^{(11)}m_{310}^{(10)} - m_{020}^{(00)}m_{210}^{(10)}m_{013}^{(22)} + m_{020}^{(00)}m_{210}^{(10)}m_{004}^{(21)}\\
&+m_{020}^{(00)}m_{210}^{(20)}m_{022}^{(22)} - m_{020}^{(00)}m_{210}^{(20)}m_{013}^{(21)} + m_{020}^{(00)}m_{210}^{(21)}m_{112}^{(22)} - m_{020}^{(00)}m_{210}^{(21)}m_{103}^{(21)}\\
&-m_{020}^{(00)}m_{210}^{(22)}m_{121}^{(22)} + m_{020}^{(00)}m_{210}^{(22)}m_{112}^{(21)} + m_{020}^{(00)}m_{201}^{(10)}m_{022}^{(22)} - m_{020}^{(00)}m_{201}^{(10)}m_{013}^{(21)}\\
&-m_{020}^{(00)}m_{201}^{(20)}m_{031}^{(22)} + m_{020}^{(00)}m_{201}^{(20)}m_{022}^{(21)} - m_{020}^{(00)}m_{201}^{(21)}m_{121}^{(22)} + m_{020}^{(00)}m_{201}^{(21)}m_{112}^{(21)}\\
&+m_{020}^{(00)}m_{201}^{(22)}m_{130}^{(22)} - m_{020}^{(00)}m_{201}^{(22)}m_{121}^{(21)} + m_{020}^{(00)}m_{120}^{(00)}m_{013}^{(22)} - m_{020}^{(00)}m_{120}^{(00)}m_{004}^{(21)}\\
&+m_{020}^{(00)}m_{120}^{(10)}m_{103}^{(22)} - m_{020}^{(00)}m_{120}^{(10)}m_{004}^{(20)} - 3m_{020}^{(00)}m_{120}^{(20)}m_{112}^{(22)} + 2m_{020}^{(00)}m_{120}^{(20)}m_{103}^{(21)}\\
&+m_{020}^{(00)}m_{120}^{(20)}m_{013}^{(20)} - m_{020}^{(00)}m_{120}^{(21)}m_{202}^{(22)} + m_{020}^{(00)}m_{120}^{(21)}m_{103}^{(20)} + 2m_{020}^{(00)}m_{120}^{(22)}m_{211}^{(22)}
\end{aligned}
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\begin{aligned}
&-m_{020}^{(00)}m_{120}^{(22)}m_{202}^{(21)} - m_{020}^{(00)}m_{120}^{(22)}m_{112}^{(20)} - 2m_{020}^{(00)}m_{111}^{(00)}m_{022}^{(22)} + 2m_{020}^{(00)}m_{111}^{(00)}m_{013}^{(21)}\\
&-2m_{020}^{(00)}m_{111}^{(10)}m_{103}^{(21)} + 2m_{020}^{(00)}m_{111}^{(10)}m_{013}^{(20)} + 4m_{020}^{(00)}m_{111}^{(20)}m_{121}^{(22)} - 2m_{020}^{(00)}m_{111}^{(20)}m_{112}^{(21)}\\
&-2m_{020}^{(00)}m_{111}^{(20)}m_{022}^{(20)} + 2m_{020}^{(00)}m_{111}^{(21)}m_{202}^{(21)} - 2m_{020}^{(00)}m_{111}^{(21)}m_{112}^{(20)} - 2m_{020}^{(00)}m_{111}^{(22)}m_{220}^{(22)}\\
&+2m_{020}^{(00)}m_{111}^{(22)}m_{121}^{(20)} + m_{020}^{(00)}m_{102}^{(00)}m_{031}^{(22)} - m_{020}^{(00)}m_{102}^{(00)}m_{022}^{(21)} - m_{020}^{(00)}m_{102}^{(10)}m_{121}^{(22)}\\
&+2m_{020}^{(00)}m_{102}^{(10)}m_{112}^{(21)} - m_{020}^{(00)}m_{102}^{(10)}m_{022}^{(20)} - m_{020}^{(00)}m_{102}^{(20)}m_{130}^{(22)} + m_{020}^{(00)}m_{102}^{(20)}m_{031}^{(20)}\\
&+m_{020}^{(00)}m_{102}^{(21)}m_{220}^{(22)} - 2m_{020}^{(00)}m_{102}^{(21)}m_{211}^{(21)} + m_{020}^{(00)}m_{102}^{(21)}m_{121}^{(20)} + m_{020}^{(00)}m_{102}^{(22)}m_{220}^{(21)}\\
&-m_{020}^{(00)}m_{102}^{(22)}m_{130}^{(20)} - m_{020}^{(00)}m_{030}^{(00)}m_{103}^{(22)} + m_{020}^{(00)}m_{030}^{(00)}m_{004}^{(20)} + 2m_{020}^{(00)}m_{030}^{(20)}m_{202}^{(22)}\\
&-2m_{020}^{(00)}m_{030}^{(20)}m_{103}^{(20)} - m_{020}^{(00)}m_{030}^{(22)}m_{301}^{(22)} + m_{020}^{(00)}m_{030}^{(22)}m_{202}^{(20)} + 2m_{020}^{(00)}m_{021}^{(00)}m_{112}^{(22)}\\
&+m_{020}^{(00)}m_{021}^{(00)}m_{103}^{(21)} - 3m_{020}^{(00)}m_{021}^{(00)}m_{013}^{(20)} - m_{020}^{(00)}m_{021}^{(10)}m_{202}^{(22)} + m_{020}^{(00)}m_{021}^{(10)}m_{103}^{(20)}\\
&-3m_{020}^{(00)}m_{021}^{(20)}m_{211}^{(22)} - 2m_{020}^{(00)}m_{021}^{(20)}m_{202}^{(21)} + 5m_{020}^{(00)}m_{021}^{(20)}m_{112}^{(20)} + m_{020}^{(00)}m_{021}^{(21)}m_{301}^{(22)}\\
&-m_{020}^{(00)}m_{021}^{(21)}m_{202}^{(20)} + m_{020}^{(00)}m_{021}^{(22)}m_{310}^{(22)} + m_{020}^{(00)}m_{021}^{(22)}m_{301}^{(21)} - 2m_{020}^{(00)}m_{021}^{(22)}m_{211}^{(20)}\\
&-m_{020}^{(00)}m_{012}^{(00)}m_{121}^{(22)} - 2m_{020}^{(00)}m_{012}^{(00)}m_{112}^{(21)} + 3m_{020}^{(00)}m_{012}^{(00)}m_{022}^{(20)} + m_{020}^{(00)}m_{012}^{(10)}m_{211}^{(22)}\\
&+m_{020}^{(00)}m_{012}^{(10)}m_{202}^{(21)} - 2m_{020}^{(00)}m_{012}^{(10)}m_{112}^{(20)} + m_{020}^{(00)}m_{012}^{(20)}m_{220}^{(22)} + 3m_{020}^{(00)}m_{012}^{(20)}m_{211}^{(21)}\\
&-4m_{020}^{(00)}m_{012}^{(20)}m_{121}^{(20)} - m_{020}^{(00)}m_{012}^{(21)}m_{310}^{(22)} - m_{020}^{(00)}m_{012}^{(21)}m_{301}^{(21)} + 2m_{020}^{(00)}m_{012}^{(21)}m_{211}^{(20)}\\
&-m_{020}^{(00)}m_{012}^{(22)}m_{310}^{(21)} + m_{020}^{(00)}m_{012}^{(22)}m_{220}^{(20)} + m_{020}^{(00)}m_{003}^{(00)}m_{121}^{(21)} - m_{020}^{(00)}m_{003}^{(00)}m_{031}^{(20)}\\
&-m_{020}^{(00)}m_{003}^{(10)}m_{211}^{(21)} + m_{020}^{(00)}m_{003}^{(10)}m_{121}^{(20)} - m_{020}^{(00)}m_{003}^{(20)}m_{220}^{(21)} + m_{020}^{(00)}m_{003}^{(20)}m_{130}^{(20)}\\
&+m_{020}^{(00)}m_{003}^{(21)}m_{310}^{(21)} - m_{020}^{(00)}m_{003}^{(21)}m_{220}^{(20)} + m_{020}^{(10)}m_{300}^{(10)}m_{013}^{(22)} - m_{020}^{(10)}m_{300}^{(10)}m_{004}^{(21)}\\
&-m_{020}^{(10)}m_{300}^{(20)}m_{022}^{(22)} + m_{020}^{(10)}m_{300}^{(20)}m_{013}^{(21)} - m_{020}^{(10)}m_{300}^{(21)}m_{112}^{(22)} + m_{020}^{(10)}m_{300}^{(21)}m_{103}^{(21)}\\
&+m_{020}^{(10)}m_{300}^{(22)}m_{121}^{(22)} - m_{020}^{(10)}m_{300}^{(22)}m_{112}^{(21)} - m_{020}^{(10)}m_{210}^{(00)}m_{013}^{(22)} + m_{020}^{(10)}m_{210}^{(00)}m_{004}^{(21)}\\
&-m_{020}^{(10)}m_{210}^{(10)}m_{103}^{(22)} + m_{020}^{(10)}m_{210}^{(10)}m_{004}^{(20)} + 3m_{020}^{(10)}m_{210}^{(20)}m_{112}^{(22)} - 2m_{020}^{(10)}m_{210}^{(20)}m_{103}^{(21)}\\
&-m_{020}^{(10)}m_{210}^{(20)}m_{013}^{(20)} + m_{020}^{(10)}m_{210}^{(21)}m_{202}^{(22)} - m_{020}^{(10)}m_{210}^{(21)}m_{103}^{(20)} - 2m_{020}^{(10)}m_{210}^{(22)}m_{211}^{(22)}\\
&+m_{020}^{(10)}m_{210}^{(22)}m_{202}^{(21)} + m_{020}^{(10)}m_{210}^{(22)}m_{112}^{(20)} + m_{020}^{(10)}m_{201}^{(00)}m_{022}^{(22)} - m_{020}^{(10)}m_{201}^{(00)}m_{013}^{(21)}\\
&-2m_{020}^{(10)}m_{201}^{(10)}m_{112}^{(22)} + 3m_{020}^{(10)}m_{201}^{(10)}m_{103}^{(21)} - m_{020}^{(10)}m_{201}^{(10)}m_{013}^{(20)} - m_{020}^{(10)}m_{201}^{(20)}m_{112}^{(21)}\\
&+m_{020}^{(10)}m_{201}^{(20)}m_{022}^{(20)} + 2m_{020}^{(10)}m_{201}^{(21)}m_{211}^{(22)} - 3m_{020}^{(10)}m_{201}^{(21)}m_{202}^{(21)} + m_{020}^{(10)}m_{201}^{(21)}m_{112}^{(20)}\\
&-m_{020}^{(10)}m_{201}^{(22)}m_{220}^{(22)} + 2m_{020}^{(10)}m_{201}^{(22)}m_{211}^{(21)} - m_{020}^{(10)}m_{201}^{(22)}m_{121}^{(20)} + m_{020}^{(10)}m_{120}^{(00)}m_{103}^{(22)}\\
&-m_{020}^{(10)}m_{120}^{(00)}m_{004}^{(20)} - 2m_{020}^{(10)}m_{120}^{(20)}m_{202}^{(22)} + 2m_{020}^{(10)}m_{120}^{(20)}m_{103}^{(20)} + m_{020}^{(10)}m_{120}^{(22)}m_{301}^{(22)}\\
&-m_{020}^{(10)}m_{120}^{(22)}m_{202}^{(20)} - 2m_{020}^{(10)}m_{111}^{(00)}m_{103}^{(21)} + 2m_{020}^{(10)}m_{111}^{(00)}m_{013}^{(20)} + 2m_{020}^{(10)}m_{111}^{(10)}m_{202}^{(22)}\\
&-2m_{020}^{(10)}m_{111}^{(10)}m_{103}^{(20)} - 2m_{020}^{(10)}m_{111}^{(20)}m_{211}^{(22)} + 4m_{020}^{(10)}m_{111}^{(20)}m_{202}^{(21)} - 2m_{020}^{(10)}m_{111}^{(20)}m_{112}^{(20)}\\
&-2m_{020}^{(10)}m_{111}^{(21)}m_{301}^{(22)} + 2m_{020}^{(10)}m_{111}^{(21)}m_{202}^{(20)} + 2m_{020}^{(10)}m_{111}^{(22)}m_{310}^{(22)} - 2m_{020}^{(10)}m_{111}^{(22)}m_{301}^{(21)}\\
&-m_{020}^{(10)}m_{102}^{(00)}m_{121}^{(22)} + 2m_{020}^{(10)}m_{102}^{(00)}m_{112}^{(21)} - m_{020}^{(10)}m_{102}^{(00)}m_{022}^{(20)} + m_{020}^{(10)}m_{102}^{(10)}m_{211}^{(22)}\\
&-3m_{020}^{(10)}m_{102}^{(10)}m_{202}^{(21)} + 2m_{020}^{(10)}m_{102}^{(10)}m_{112}^{(20)} + m_{020}^{(10)}m_{102}^{(20)}m_{220}^{(22)} - m_{020}^{(10)}m_{102}^{(20)}m_{211}^{(21)}\\
&-m_{020}^{(10)}m_{102}^{(21)}m_{310}^{(22)} + 3m_{020}^{(10)}m_{102}^{(21)}m_{301}^{(21)} - 2m_{020}^{(10)}m_{102}^{(21)}m_{211}^{(20)} - m_{020}^{(10)}m_{102}^{(22)}m_{310}^{(21)}\\
&+m_{020}^{(10)}m_{102}^{(22)}m_{220}^{(20)} - m_{020}^{(10)}m_{021}^{(00)}m_{202}^{(22)} + m_{020}^{(10)}m_{021}^{(00)}m_{103}^{(20)} + 2m_{020}^{(10)}m_{021}^{(20)}m_{301}^{(22)}\\
&-2m_{020}^{(10)}m_{021}^{(20)}m_{202}^{(20)} - m_{020}^{(10)}m_{021}^{(22)}m_{400}^{(22)} + m_{020}^{(10)}m_{021}^{(22)}m_{301}^{(20)} + m_{020}^{(10)}m_{012}^{(00)}m_{211}^{(22)}\\
&+m_{020}^{(10)}m_{012}^{(00)}m_{202}^{(21)} - 2m_{020}^{(10)}m_{012}^{(00)}m_{112}^{(20)} - m_{020}^{(10)}m_{012}^{(10)}m_{301}^{(22)} + m_{020}^{(10)}m_{012}^{(10)}m_{202}^{(20)}\\
&-m_{020}^{(10)}m_{012}^{(20)}m_{310}^{(22)} - 2m_{020}^{(10)}m_{012}^{(20)}m_{301}^{(21)} + 3m_{020}^{(10)}m_{012}^{(20)}m_{211}^{(20)} + m_{020}^{(10)}m_{012}^{(21)}m_{400}^{(22)}\\
&-m_{020}^{(10)}m_{012}^{(21)}m_{301}^{(20)} + m_{020}^{(10)}m_{012}^{(22)}m_{400}^{(21)} - m_{020}^{(10)}m_{012}^{(22)}m_{310}^{(20)} - m_{020}^{(10)}m_{003}^{(00)}m_{211}^{(21)}\\
&+m_{020}^{(10)}m_{003}^{(00)}m_{121}^{(20)} + m_{020}^{(10)}m_{003}^{(10)}m_{301}^{(21)} - m_{020}^{(10)}m_{003}^{(10)}m_{211}^{(20)} + m_{020}^{(10)}m_{003}^{(20)}m_{310}^{(21)}
\end{aligned}
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\begin{aligned}
&-m_{020}^{(10)}m_{003}^{(20)}m_{220}^{(20)} - m_{020}^{(10)}m_{003}^{(21)}m_{400}^{(21)} + m_{020}^{(10)}m_{003}^{(21)}m_{310}^{(20)} - m_{020}^{(20)}m_{300}^{(10)}m_{022}^{(22)}\\
&+m_{020}^{(20)}m_{300}^{(10)}m_{013}^{(21)} + m_{020}^{(20)}m_{300}^{(20)}m_{031}^{(22)} - m_{020}^{(20)}m_{300}^{(20)}m_{022}^{(21)} + m_{020}^{(20)}m_{300}^{(21)}m_{121}^{(22)}\\
&-m_{020}^{(20)}m_{300}^{(21)}m_{112}^{(21)} - m_{020}^{(20)}m_{300}^{(22)}m_{130}^{(22)} + m_{020}^{(20)}m_{300}^{(22)}m_{121}^{(21)} + m_{020}^{(20)}m_{210}^{(00)}m_{022}^{(22)}\\
&-m_{020}^{(20)}m_{210}^{(00)}m_{013}^{(21)} + 2m_{020}^{(20)}m_{210}^{(10)}m_{112}^{(22)} - m_{020}^{(20)}m_{210}^{(10)}m_{103}^{(21)} - m_{020}^{(20)}m_{210}^{(10)}m_{004}^{(10)}\\
&-4m_{020}^{(20)}m_{210}^{(20)}m_{121}^{(22)} + 3m_{020}^{(20)}m_{210}^{(20)}m_{112}^{(21)} + m_{020}^{(20)}m_{210}^{(20)}m_{013}^{(10)} - 2m_{020}^{(20)}m_{210}^{(21)}m_{211}^{(22)}\\
&+m_{020}^{(20)}m_{210}^{(21)}m_{202}^{(21)} + m_{020}^{(20)}m_{210}^{(21)}m_{103}^{(10)} + 3m_{020}^{(20)}m_{210}^{(22)}m_{220}^{(22)} - 2m_{020}^{(20)}m_{210}^{(22)}m_{211}^{(21)}\\
&-m_{020}^{(20)}m_{210}^{(22)}m_{112}^{(10)} - m_{020}^{(20)}m_{201}^{(00)}m_{031}^{(22)} + m_{020}^{(20)}m_{201}^{(00)}m_{022}^{(21)} + m_{020}^{(20)}m_{201}^{(10)}m_{121}^{(22)}\\
&-2m_{020}^{(20)}m_{201}^{(10)}m_{112}^{(21)} + m_{020}^{(20)}m_{201}^{(10)}m_{013}^{(10)} + m_{020}^{(20)}m_{201}^{(20)}m_{130}^{(22)} - m_{020}^{(20)}m_{201}^{(20)}m_{022}^{(10)}\\
&-m_{020}^{(20)}m_{201}^{(21)}m_{220}^{(22)} + 2m_{020}^{(20)}m_{201}^{(21)}m_{211}^{(21)} - m_{020}^{(20)}m_{201}^{(21)}m_{112}^{(10)} - m_{020}^{(20)}m_{201}^{(22)}m_{220}^{(21)}\\
&+m_{020}^{(20)}m_{201}^{(22)}m_{121}^{(10)} - 2m_{020}^{(20)}m_{120}^{(00)}m_{112}^{(22)} + m_{020}^{(20)}m_{120}^{(00)}m_{103}^{(21)} + m_{020}^{(20)}m_{120}^{(00)}m_{004}^{(10)}\\
&-m_{020}^{(20)}m_{120}^{(10)}m_{202}^{(22)} + m_{020}^{(20)}m_{120}^{(10)}m_{004}^{(00)} + 5m_{020}^{(20)}m_{120}^{(20)}m_{211}^{(22)} - 2m_{020}^{(20)}m_{120}^{(20)}m_{202}^{(21)}\\
&-2m_{020}^{(20)}m_{120}^{(20)}m_{103}^{(10)} - m_{020}^{(20)}m_{120}^{(20)}m_{013}^{(00)} + m_{020}^{(20)}m_{120}^{(21)}m_{301}^{(22)} - m_{020}^{(20)}m_{120}^{(21)}m_{103}^{(00)}\\
&-3m_{020}^{(20)}m_{120}^{(22)}m_{310}^{(22)} + m_{020}^{(20)}m_{120}^{(22)}m_{301}^{(21)} + m_{020}^{(20)}m_{120}^{(22)}m_{202}^{(10)} + m_{020}^{(20)}m_{120}^{(22)}m_{112}^{(00)}\\
&+2m_{020}^{(20)}m_{111}^{(00)}m_{121}^{(22)} - 2m_{020}^{(20)}m_{111}^{(00)}m_{013}^{(10)} - 2m_{020}^{(20)}m_{111}^{(10)}m_{211}^{(22)} + 2m_{020}^{(20)}m_{111}^{(10)}m_{202}^{(21)}\\
&+2m_{020}^{(20)}m_{111}^{(10)}m_{103}^{(10)} - 2m_{020}^{(20)}m_{111}^{(10)}m_{013}^{(00)} - 2m_{020}^{(20)}m_{111}^{(20)}m_{220}^{(22)} - 2m_{020}^{(20)}m_{111}^{(20)}m_{211}^{(21)}\\
&+2m_{020}^{(20)}m_{111}^{(20)}m_{112}^{(10)} + 2m_{020}^{(20)}m_{111}^{(20)}m_{022}^{(00)} + 2m_{020}^{(20)}m_{111}^{(21)}m_{310}^{(22)} - 2m_{020}^{(20)}m_{111}^{(21)}m_{301}^{(21)}\\
&-2m_{020}^{(20)}m_{111}^{(21)}m_{202}^{(10)} + 2m_{020}^{(20)}m_{111}^{(21)}m_{112}^{(00)} + 2m_{020}^{(20)}m_{111}^{(22)}m_{310}^{(21)} - 2m_{020}^{(20)}m_{111}^{(22)}m_{121}^{(00)}\\
&-m_{020}^{(20)}m_{102}^{(00)}m_{121}^{(21)} + m_{020}^{(20)}m_{102}^{(00)}m_{022}^{(10)} + m_{020}^{(20)}m_{102}^{(10)}m_{211}^{(21)} - 2m_{020}^{(20)}m_{102}^{(10)}m_{112}^{(10)}\\
&+m_{020}^{(20)}m_{102}^{(10)}m_{022}^{(00)} + m_{020}^{(20)}m_{102}^{(20)}m_{220}^{(21)} - m_{020}^{(20)}m_{102}^{(20)}m_{031}^{(00)} - m_{020}^{(20)}m_{102}^{(21)}m_{310}^{(21)}\\
&+2m_{020}^{(20)}m_{102}^{(21)}m_{211}^{(10)} - m_{020}^{(20)}m_{102}^{(21)}m_{121}^{(00)} - m_{020}^{(20)}m_{102}^{(22)}m_{220}^{(10)} + m_{020}^{(20)}m_{102}^{(22)}m_{130}^{(00)}\\
&+m_{020}^{(20)}m_{030}^{(00)}m_{202}^{(22)} - m_{020}^{(20)}m_{030}^{(00)}m_{004}^{(00)} - 2m_{020}^{(20)}m_{030}^{(20)}m_{301}^{(22)} + 2m_{020}^{(20)}m_{030}^{(20)}m_{103}^{(00)}\\
&+m_{020}^{(20)}m_{030}^{(22)}m_{400}^{(22)} - m_{020}^{(20)}m_{030}^{(22)}m_{202}^{(00)} - m_{020}^{(20)}m_{021}^{(00)}m_{211}^{(22)} - m_{020}^{(20)}m_{021}^{(00)}m_{202}^{(21)}\\
&-m_{020}^{(20)}m_{021}^{(00)}m_{103}^{(10)} + 3m_{020}^{(20)}m_{021}^{(00)}m_{013}^{(00)} + m_{020}^{(20)}m_{021}^{(10)}m_{301}^{(22)} - m_{020}^{(20)}m_{021}^{(10)}m_{103}^{(00)}\\
&+m_{020}^{(20)}m_{021}^{(20)}m_{310}^{(22)} + 2m_{020}^{(20)}m_{021}^{(20)}m_{301}^{(21)} + 2m_{020}^{(20)}m_{021}^{(20)}m_{202}^{(10)} - 5m_{020}^{(20)}m_{021}^{(20)}m_{112}^{(00)}\\
&-m_{020}^{(20)}m_{021}^{(21)}m_{400}^{(22)} + m_{020}^{(20)}m_{021}^{(21)}m_{202}^{(00)} - m_{020}^{(20)}m_{021}^{(22)}m_{400}^{(21)} - m_{020}^{(20)}m_{021}^{(22)}m_{301}^{(10)}\\
&+2m_{020}^{(20)}m_{021}^{(22)}m_{211}^{(00)} + m_{020}^{(20)}m_{012}^{(00)}m_{211}^{(21)} + 2m_{020}^{(20)}m_{012}^{(00)}m_{112}^{(10)} - 3m_{020}^{(20)}m_{012}^{(00)}m_{022}^{(00)}\\
&-m_{020}^{(20)}m_{012}^{(10)}m_{301}^{(21)} - m_{020}^{(20)}m_{012}^{(10)}m_{202}^{(10)} + 2m_{020}^{(20)}m_{012}^{(10)}m_{112}^{(00)} - m_{020}^{(20)}m_{012}^{(20)}m_{310}^{(21)}\\
&-3m_{020}^{(20)}m_{012}^{(20)}m_{211}^{(10)} + 4m_{020}^{(20)}m_{012}^{(20)}m_{121}^{(00)} + m_{020}^{(20)}m_{012}^{(21)}m_{400}^{(21)} + m_{020}^{(20)}m_{012}^{(21)}m_{301}^{(10)}\\
&-2m_{020}^{(20)}m_{012}^{(21)}m_{211}^{(00)} + m_{020}^{(20)}m_{012}^{(22)}m_{310}^{(10)} - m_{020}^{(20)}m_{012}^{(22)}m_{220}^{(00)} - m_{020}^{(20)}m_{003}^{(00)}m_{121}^{(10)}\\
&+m_{020}^{(20)}m_{003}^{(00)}m_{031}^{(00)} + m_{020}^{(20)}m_{003}^{(10)}m_{211}^{(10)} - m_{020}^{(20)}m_{003}^{(10)}m_{121}^{(00)} + m_{020}^{(20)}m_{003}^{(20)}m_{220}^{(10)}\\
&-m_{020}^{(20)}m_{003}^{(20)}m_{130}^{(00)} - m_{020}^{(20)}m_{003}^{(21)}m_{310}^{(10)} + m_{020}^{(20)}m_{003}^{(21)}m_{220}^{(00)} - m_{020}^{(21)}m_{300}^{(10)}m_{013}^{(20)}\\
&+m_{020}^{(21)}m_{300}^{(10)}m_{004}^{(10)} + m_{020}^{(21)}m_{300}^{(20)}m_{022}^{(20)} - m_{020}^{(21)}m_{300}^{(20)}m_{013}^{(10)} + m_{020}^{(21)}m_{300}^{(21)}m_{112}^{(20)}\\
&-m_{020}^{(21)}m_{300}^{(21)}m_{103}^{(10)} - m_{020}^{(21)}m_{300}^{(22)}m_{121}^{(20)} + m_{020}^{(21)}m_{300}^{(22)}m_{112}^{(10)} + m_{020}^{(21)}m_{210}^{(00)}m_{013}^{(20)}\\
&-m_{020}^{(21)}m_{210}^{(00)}m_{004}^{(10)} + m_{020}^{(21)}m_{210}^{(10)}m_{103}^{(20)} - m_{020}^{(21)}m_{210}^{(10)}m_{004}^{(00)} - 3m_{020}^{(21)}m_{210}^{(20)}m_{112}^{(20)}\\
&+2m_{020}^{(21)}m_{210}^{(20)}m_{103}^{(10)} + m_{020}^{(21)}m_{210}^{(20)}m_{013}^{(00)} - m_{020}^{(21)}m_{210}^{(21)}m_{202}^{(20)} + m_{020}^{(21)}m_{210}^{(21)}m_{103}^{(00)}\\
&+2m_{020}^{(21)}m_{210}^{(22)}m_{211}^{(20)} - m_{020}^{(21)}m_{210}^{(22)}m_{202}^{(10)} - m_{020}^{(21)}m_{210}^{(22)}m_{112}^{(00)} - m_{020}^{(21)}m_{201}^{(00)}m_{022}^{(20)}\\
&+m_{020}^{(21)}m_{201}^{(00)}m_{013}^{(10)} + 2m_{020}^{(21)}m_{201}^{(10)}m_{112}^{(20)} - 3m_{020}^{(21)}m_{201}^{(10)}m_{103}^{(10)} + m_{020}^{(21)}m_{201}^{(10)}m_{013}^{(00)}\\
&+m_{020}^{(21)}m_{201}^{(20)}m_{112}^{(10)} - m_{020}^{(21)}m_{201}^{(20)}m_{022}^{(00)} - 2m_{020}^{(21)}m_{201}^{(21)}m_{211}^{(20)} + 3m_{020}^{(21)}m_{201}^{(21)}m_{202}^{(10)}
\end{aligned}
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\begin{aligned}
&-m_{020}^{(21)}m_{201}^{(21)}m_{112}^{(00)} + m_{020}^{(21)}m_{201}^{(22)}m_{220}^{(20)} - 2m_{020}^{(21)}m_{201}^{(22)}m_{211}^{(10)} + m_{020}^{(21)}m_{201}^{(22)}m_{121}^{(00)}\\
&-m_{020}^{(21)}m_{120}^{(00)}m_{103}^{(20)} + m_{020}^{(21)}m_{120}^{(00)}m_{004}^{(00)} + 2m_{020}^{(21)}m_{120}^{(20)}m_{202}^{(20)} - 2m_{020}^{(21)}m_{120}^{(20)}m_{103}^{(00)}\\
&-m_{020}^{(21)}m_{120}^{(22)}m_{301}^{(20)} + m_{020}^{(21)}m_{120}^{(22)}m_{202}^{(00)} + 2m_{020}^{(21)}m_{111}^{(00)}m_{103}^{(10)} - 2m_{020}^{(21)}m_{111}^{(00)}m_{013}^{(00)}\\
&-2m_{020}^{(21)}m_{111}^{(10)}m_{202}^{(20)} + 2m_{020}^{(21)}m_{111}^{(10)}m_{103}^{(00)} + 2m_{020}^{(21)}m_{111}^{(20)}m_{211}^{(20)} - 4m_{020}^{(21)}m_{111}^{(20)}m_{202}^{(10)}\\
&+2m_{020}^{(21)}m_{111}^{(20)}m_{112}^{(00)} + 2m_{020}^{(21)}m_{111}^{(21)}m_{301}^{(20)} - 2m_{020}^{(21)}m_{111}^{(21)}m_{202}^{(00)} - 2m_{020}^{(21)}m_{111}^{(22)}m_{310}^{(20)}\\
&+2m_{020}^{(21)}m_{111}^{(22)}m_{301}^{(10)} + m_{020}^{(21)}m_{102}^{(00)}m_{121}^{(20)} - 2m_{020}^{(21)}m_{102}^{(00)}m_{112}^{(10)} + m_{020}^{(21)}m_{102}^{(00)}m_{022}^{(00)}\\
&-m_{020}^{(21)}m_{102}^{(10)}m_{211}^{(20)} + 3m_{020}^{(21)}m_{102}^{(10)}m_{202}^{(10)} - 2m_{020}^{(21)}m_{102}^{(10)}m_{112}^{(00)} - m_{020}^{(21)}m_{102}^{(20)}m_{220}^{(20)}\\
&+m_{020}^{(21)}m_{102}^{(20)}m_{211}^{(10)} + m_{020}^{(21)}m_{102}^{(21)}m_{310}^{(20)} - 3m_{020}^{(21)}m_{102}^{(21)}m_{301}^{(10)} + 2m_{020}^{(21)}m_{102}^{(21)}m_{211}^{(00)}\\
&+m_{020}^{(21)}m_{102}^{(22)}m_{310}^{(10)} - m_{020}^{(21)}m_{102}^{(22)}m_{220}^{(00)} + m_{020}^{(21)}m_{021}^{(00)}m_{202}^{(20)} - m_{020}^{(21)}m_{021}^{(00)}m_{103}^{(00)}\\
&-2m_{020}^{(21)}m_{021}^{(20)}m_{301}^{(20)} + 2m_{020}^{(21)}m_{021}^{(20)}m_{202}^{(00)} + m_{020}^{(21)}m_{021}^{(22)}m_{400}^{(20)} - m_{020}^{(21)}m_{021}^{(22)}m_{301}^{(00)}\\
&-m_{020}^{(21)}m_{012}^{(00)}m_{211}^{(20)} - m_{020}^{(21)}m_{012}^{(00)}m_{202}^{(10)} + 2m_{020}^{(21)}m_{012}^{(00)}m_{112}^{(00)} + m_{020}^{(21)}m_{012}^{(10)}m_{301}^{(20)}\\
&-m_{020}^{(21)}m_{012}^{(10)}m_{202}^{(00)} + m_{020}^{(21)}m_{012}^{(20)}m_{310}^{(20)} + 2m_{020}^{(21)}m_{012}^{(20)}m_{301}^{(10)} - 3m_{020}^{(21)}m_{012}^{(20)}m_{211}^{(00)}\\
&-m_{020}^{(21)}m_{012}^{(21)}m_{400}^{(20)} + m_{020}^{(21)}m_{012}^{(21)}m_{301}^{(00)} - m_{020}^{(21)}m_{012}^{(22)}m_{400}^{(10)} + m_{020}^{(21)}m_{012}^{(22)}m_{310}^{(00)}\\
&+m_{020}^{(21)}m_{003}^{(00)}m_{211}^{(10)} - m_{020}^{(21)}m_{003}^{(00)}m_{121}^{(00)} - m_{020}^{(21)}m_{003}^{(10)}m_{301}^{(10)} + m_{020}^{(21)}m_{003}^{(10)}m_{211}^{(00)}\\
&-m_{020}^{(21)}m_{003}^{(20)}m_{310}^{(10)} + m_{020}^{(21)}m_{003}^{(20)}m_{220}^{(00)} + m_{020}^{(21)}m_{003}^{(21)}m_{400}^{(10)} - m_{020}^{(21)}m_{003}^{(21)}m_{310}^{(00)}\\
&+m_{020}^{(22)}m_{300}^{(10)}m_{022}^{(20)} - m_{020}^{(22)}m_{300}^{(10)}m_{013}^{(10)} - m_{020}^{(22)}m_{300}^{(20)}m_{031}^{(20)} + m_{020}^{(22)}m_{300}^{(20)}m_{022}^{(10)}\\
&-m_{020}^{(22)}m_{300}^{(21)}m_{121}^{(20)} + m_{020}^{(22)}m_{300}^{(21)}m_{112}^{(10)} + m_{020}^{(22)}m_{300}^{(22)}m_{130}^{(20)} - m_{020}^{(22)}m_{300}^{(22)}m_{121}^{(10)}\\
&-m_{020}^{(22)}m_{210}^{(00)}m_{022}^{(20)} + m_{020}^{(22)}m_{210}^{(00)}m_{013}^{(10)} - 2m_{020}^{(22)}m_{210}^{(10)}m_{112}^{(20)} + m_{020}^{(22)}m_{210}^{(10)}m_{103}^{(10)}\\
&+m_{020}^{(22)}m_{210}^{(10)}m_{013}^{(00)} + 4m_{020}^{(22)}m_{210}^{(20)}m_{121}^{(20)} - 3m_{020}^{(22)}m_{210}^{(20)}m_{112}^{(10)} - m_{020}^{(22)}m_{210}^{(20)}m_{022}^{(00)}\\
&+2m_{020}^{(22)}m_{210}^{(21)}m_{211}^{(20)} - m_{020}^{(22)}m_{210}^{(21)}m_{202}^{(10)} - m_{020}^{(22)}m_{210}^{(21)}m_{112}^{(00)} - 3m_{020}^{(22)}m_{210}^{(22)}m_{220}^{(20)}\\
&+2m_{020}^{(22)}m_{210}^{(22)}m_{211}^{(10)} + m_{020}^{(22)}m_{210}^{(22)}m_{121}^{(00)} + m_{020}^{(22)}m_{201}^{(00)}m_{031}^{(20)} - m_{020}^{(22)}m_{201}^{(00)}m_{022}^{(10)}\\
&-m_{020}^{(22)}m_{201}^{(10)}m_{121}^{(20)} + 2m_{020}^{(22)}m_{201}^{(10)}m_{112}^{(10)} - m_{020}^{(22)}m_{201}^{(10)}m_{022}^{(00)} - m_{020}^{(22)}m_{201}^{(20)}m_{130}^{(20)}\\
&+m_{020}^{(22)}m_{201}^{(20)}m_{031}^{(00)} + m_{020}^{(22)}m_{201}^{(21)}m_{220}^{(20)} - 2m_{020}^{(22)}m_{201}^{(21)}m_{211}^{(10)} + m_{020}^{(22)}m_{201}^{(21)}m_{121}^{(00)}\\
&+m_{020}^{(22)}m_{201}^{(22)}m_{130}^{(10)} - m_{020}^{(22)}m_{201}^{(22)}m_{130}^{(00)} + 2m_{020}^{(22)}m_{120}^{(00)}m_{112}^{(20)} - m_{020}^{(22)}m_{120}^{(00)}m_{103}^{(10)}\\
&-m_{020}^{(22)}m_{120}^{(00)}m_{013}^{(00)} + m_{020}^{(22)}m_{120}^{(10)}m_{202}^{(20)} - m_{020}^{(22)}m_{120}^{(10)}m_{103}^{(00)} - 5m_{020}^{(22)}m_{120}^{(20)}m_{211}^{(20)}\\
&+2m_{020}^{(22)}m_{120}^{(20)}m_{202}^{(10)} + 3m_{020}^{(22)}m_{120}^{(20)}m_{112}^{(00)} - m_{020}^{(22)}m_{120}^{(21)}m_{301}^{(20)} + m_{020}^{(22)}m_{120}^{(21)}m_{202}^{(00)}\\
&+3m_{020}^{(22)}m_{120}^{(22)}m_{310}^{(20)} - m_{020}^{(22)}m_{120}^{(22)}m_{301}^{(10)} - 2m_{020}^{(22)}m_{120}^{(22)}m_{211}^{(00)} - 2m_{020}^{(22)}m_{111}^{(00)}m_{121}^{(20)}\\
&+2m_{020}^{(22)}m_{111}^{(00)}m_{022}^{(00)} + 2m_{020}^{(22)}m_{111}^{(10)}m_{211}^{(20)} - 2m_{020}^{(22)}m_{111}^{(10)}m_{202}^{(10)} + 2m_{020}^{(22)}m_{111}^{(20)}m_{220}^{(20)}\\
&+2m_{020}^{(22)}m_{111}^{(20)}m_{211}^{(10)} - 4m_{020}^{(22)}m_{111}^{(20)}m_{121}^{(00)} - 2m_{020}^{(22)}m_{111}^{(21)}m_{310}^{(20)} + 2m_{020}^{(22)}m_{111}^{(21)}m_{301}^{(10)}\\
&-2m_{020}^{(22)}m_{111}^{(22)}m_{310}^{(10)} + 2m_{020}^{(22)}m_{111}^{(22)}m_{220}^{(00)} + m_{020}^{(22)}m_{102}^{(00)}m_{121}^{(10)} - m_{020}^{(22)}m_{102}^{(00)}m_{031}^{(00)}\\
&-m_{020}^{(22)}m_{102}^{(10)}m_{211}^{(10)} + m_{020}^{(22)}m_{102}^{(10)}m_{121}^{(00)} - m_{020}^{(22)}m_{102}^{(20)}m_{220}^{(10)} + m_{020}^{(22)}m_{102}^{(20)}m_{130}^{(00)}\\
&+m_{020}^{(22)}m_{102}^{(21)}m_{310}^{(10)} - m_{020}^{(22)}m_{102}^{(21)}m_{220}^{(00)} - m_{020}^{(22)}m_{030}^{(00)}m_{202}^{(20)} + m_{020}^{(22)}m_{030}^{(00)}m_{103}^{(00)}\\
&+2m_{020}^{(22)}m_{030}^{(20)}m_{301}^{(20)} - 2m_{020}^{(22)}m_{030}^{(20)}m_{202}^{(00)} - m_{020}^{(22)}m_{030}^{(22)}m_{400}^{(20)} + m_{020}^{(22)}m_{030}^{(22)}m_{301}^{(00)}\\
&+m_{020}^{(22)}m_{021}^{(00)}m_{211}^{(20)} + m_{020}^{(22)}m_{021}^{(00)}m_{202}^{(10)} - 2m_{020}^{(22)}m_{021}^{(00)}m_{112}^{(00)} - m_{020}^{(22)}m_{021}^{(10)}m_{301}^{(20)}\\
&+m_{020}^{(22)}m_{021}^{(10)}m_{202}^{(00)} - m_{020}^{(22)}m_{021}^{(20)}m_{310}^{(20)} - 2m_{020}^{(22)}m_{021}^{(20)}m_{301}^{(10)} + 3m_{020}^{(22)}m_{021}^{(20)}m_{211}^{(00)}\\
&+m_{020}^{(22)}m_{021}^{(21)}m_{400}^{(20)} - m_{020}^{(22)}m_{021}^{(21)}m_{301}^{(00)} + m_{020}^{(22)}m_{021}^{(22)}m_{400}^{(10)} - m_{020}^{(22)}m_{021}^{(22)}m_{310}^{(00)}\\
&-m_{020}^{(22)}m_{012}^{(00)}m_{211}^{(10)} + m_{020}^{(22)}m_{012}^{(00)}m_{121}^{(00)} + m_{020}^{(22)}m_{012}^{(10)}m_{301}^{(10)} - m_{020}^{(22)}m_{012}^{(10)}m_{211}^{(00)}\\
&+m_{020}^{(22)}m_{012}^{(20)}m_{310}^{(10)} - m_{020}^{(22)}m_{012}^{(20)}m_{220}^{(00)} - m_{020}^{(22)}m_{012}^{(21)}m_{400}^{(10)} + m_{020}^{(22)}m_{012}^{(21)}m_{310}^{(00)}
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\begin{aligned}
&+m_{011}^{(00)}m_{210}^{(10)}m_{022}^{(22)} - m_{011}^{(00)}m_{210}^{(10)}m_{004}^{(11)} - m_{011}^{(00)}m_{210}^{(11)}m_{112}^{(22)} + m_{011}^{(00)}m_{210}^{(11)}m_{103}^{(21)}\\
&-m_{011}^{(00)}m_{210}^{(20)}m_{031}^{(22)} + m_{011}^{(00)}m_{210}^{(20)}m_{013}^{(11)} + m_{011}^{(00)}m_{210}^{(21)}m_{121}^{(22)} - 2m_{011}^{(00)}m_{210}^{(21)}m_{112}^{(21)}\\
&+m_{011}^{(00)}m_{210}^{(21)}m_{103}^{(11)} + m_{011}^{(00)}m_{210}^{(22)}m_{121}^{(21)} - m_{011}^{(00)}m_{210}^{(22)}m_{112}^{(11)} - m_{011}^{(00)}m_{201}^{(10)}m_{031}^{(22)}\\
&+m_{011}^{(00)}m_{201}^{(10)}m_{013}^{(11)} + m_{011}^{(00)}m_{201}^{(11)}m_{121}^{(22)} - m_{011}^{(00)}m_{201}^{(11)}m_{112}^{(21)} + m_{011}^{(00)}m_{201}^{(20)}m_{040}^{(22)}\\
&-m_{011}^{(00)}m_{201}^{(20)}m_{022}^{(11)} - m_{011}^{(00)}m_{201}^{(21)}m_{130}^{(22)} + 2m_{011}^{(00)}m_{201}^{(21)}m_{121}^{(21)} - m_{011}^{(00)}m_{201}^{(21)}m_{112}^{(11)}\\
&-m_{011}^{(00)}m_{201}^{(22)}m_{130}^{(21)} + m_{011}^{(00)}m_{201}^{(22)}m_{121}^{(11)} - m_{011}^{(00)}m_{120}^{(00)}m_{022}^{(22)} + m_{011}^{(00)}m_{120}^{(00)}m_{004}^{(11)}\\
&-2m_{011}^{(00)}m_{120}^{(10)}m_{103}^{(21)} + m_{011}^{(00)}m_{120}^{(10)}m_{013}^{(20)} + m_{011}^{(00)}m_{120}^{(10)}m_{004}^{(10)} + m_{011}^{(00)}m_{120}^{(11)}m_{202}^{(22)}\\
&-m_{011}^{(00)}m_{120}^{(11)}m_{103}^{(20)} + 2m_{011}^{(00)}m_{120}^{(20)}m_{121}^{(22)} + 2m_{011}^{(00)}m_{120}^{(20)}m_{112}^{(21)} - 2m_{011}^{(00)}m_{120}^{(20)}m_{103}^{(11)}\\
&-m_{011}^{(00)}m_{120}^{(20)}m_{022}^{(20)} - m_{011}^{(00)}m_{120}^{(20)}m_{013}^{(10)} - 2m_{011}^{(00)}m_{120}^{(21)}m_{211}^{(22)} + 2m_{011}^{(00)}m_{120}^{(21)}m_{202}^{(21)}\\
&+m_{011}^{(00)}m_{120}^{(21)}m_{112}^{(20)} - m_{011}^{(00)}m_{120}^{(21)}m_{103}^{(10)} - 2m_{011}^{(00)}m_{120}^{(22)}m_{211}^{(21)} + m_{011}^{(00)}m_{120}^{(22)}m_{202}^{(11)}\\
&+m_{011}^{(00)}m_{120}^{(22)}m_{112}^{(10)} + 2m_{011}^{(00)}m_{111}^{(00)}m_{031}^{(22)} - 2m_{011}^{(00)}m_{111}^{(00)}m_{013}^{(11)} - 2m_{011}^{(00)}m_{111}^{(10)}m_{121}^{(22)}\\
&+4m_{011}^{(00)}m_{111}^{(10)}m_{112}^{(21)} + 2m_{011}^{(00)}m_{111}^{(10)}m_{103}^{(11)} - 2m_{011}^{(00)}m_{111}^{(10)}m_{022}^{(20)} - 2m_{011}^{(00)}m_{111}^{(10)}m_{013}^{(10)}\\
&-2m_{011}^{(00)}m_{111}^{(11)}m_{202}^{(21)} + 2m_{011}^{(00)}m_{111}^{(11)}m_{112}^{(20)} - 2m_{011}^{(00)}m_{111}^{(20)}m_{130}^{(22)} - 4m_{011}^{(00)}m_{111}^{(20)}m_{121}^{(21)}\\
&+2m_{011}^{(00)}m_{111}^{(20)}m_{112}^{(11)} + 2m_{011}^{(00)}m_{111}^{(20)}m_{031}^{(20)} + 2m_{011}^{(00)}m_{111}^{(20)}m_{022}^{(10)} + 2m_{011}^{(00)}m_{111}^{(21)}m_{220}^{(22)}\\
&-2m_{011}^{(00)}m_{111}^{(21)}m_{202}^{(11)} - 2m_{011}^{(00)}m_{111}^{(21)}m_{121}^{(20)} + 2m_{011}^{(00)}m_{111}^{(21)}m_{112}^{(10)} + 2m_{011}^{(00)}m_{111}^{(22)}m_{220}^{(21)}\\
&-2m_{011}^{(00)}m_{111}^{(22)}m_{121}^{(10)} - m_{011}^{(00)}m_{102}^{(00)}m_{040}^{(22)} + m_{011}^{(00)}m_{102}^{(00)}m_{022}^{(11)} + 2m_{011}^{(00)}m_{102}^{(10)}m_{130}^{(22)}\\
&-2m_{011}^{(00)}m_{102}^{(10)}m_{121}^{(21)} - 2m_{011}^{(00)}m_{102}^{(10)}m_{112}^{(11)} + m_{011}^{(00)}m_{102}^{(10)}m_{031}^{(20)} + m_{011}^{(00)}m_{102}^{(10)}m_{022}^{(10)}\\
&-m_{011}^{(00)}m_{102}^{(11)}m_{220}^{(22)} + 2m_{011}^{(00)}m_{102}^{(11)}m_{211}^{(21)} - m_{011}^{(00)}m_{102}^{(11)}m_{121}^{(20)} + 2m_{011}^{(00)}m_{102}^{(20)}m_{130}^{(21)}\\
&-m_{011}^{(00)}m_{102}^{(20)}m_{040}^{(20)} - m_{011}^{(00)}m_{102}^{(20)}m_{031}^{(10)} - 2m_{011}^{(00)}m_{102}^{(21)}m_{220}^{(21)} + 2m_{011}^{(00)}m_{102}^{(21)}m_{211}^{(11)}\\
&+m_{011}^{(00)}m_{102}^{(21)}m_{130}^{(20)} - m_{011}^{(00)}m_{102}^{(21)}m_{121}^{(10)} - m_{011}^{(00)}m_{102}^{(22)}m_{220}^{(11)} + m_{011}^{(00)}m_{102}^{(22)}m_{130}^{(10)}\\
&+m_{011}^{(00)}m_{030}^{(00)}m_{112}^{(22)} + m_{011}^{(00)}m_{030}^{(00)}m_{103}^{(21)} - m_{011}^{(00)}m_{030}^{(00)}m_{013}^{(20)} - m_{011}^{(00)}m_{030}^{(00)}m_{004}^{(10)}\\
&-m_{011}^{(00)}m_{030}^{(10)}m_{202}^{(22)} + m_{011}^{(00)}m_{030}^{(10)}m_{103}^{(20)} - m_{011}^{(00)}m_{030}^{(20)}m_{211}^{(22)} - 2m_{011}^{(00)}m_{030}^{(20)}m_{202}^{(21)}\\
&+m_{011}^{(00)}m_{030}^{(20)}m_{112}^{(20)} + 2m_{011}^{(00)}m_{030}^{(20)}m_{103}^{(10)} + m_{011}^{(00)}m_{030}^{(21)}m_{301}^{(22)} - m_{011}^{(00)}m_{030}^{(21)}m_{202}^{(20)}\\
&+m_{011}^{(00)}m_{030}^{(22)}m_{301}^{(21)} - m_{011}^{(00)}m_{030}^{(22)}m_{202}^{(10)} - 2m_{011}^{(00)}m_{021}^{(00)}m_{121}^{(22)} - 3m_{011}^{(00)}m_{021}^{(00)}m_{112}^{(21)}\\
&-m_{011}^{(00)}m_{021}^{(00)}m_{103}^{(11)} + 3m_{011}^{(00)}m_{021}^{(00)}m_{022}^{(20)} + 3m_{011}^{(00)}m_{021}^{(00)}m_{013}^{(10)} + 3m_{011}^{(00)}m_{021}^{(10)}m_{211}^{(22)}\\
&+2m_{011}^{(00)}m_{021}^{(10)}m_{202}^{(21)} - 4m_{011}^{(00)}m_{021}^{(10)}m_{112}^{(20)} - m_{011}^{(00)}m_{021}^{(10)}m_{103}^{(10)} - m_{011}^{(00)}m_{021}^{(11)}m_{301}^{(22)}\\
&+m_{011}^{(00)}m_{021}^{(11)}m_{202}^{(20)} + m_{011}^{(00)}m_{021}^{(20)}m_{220}^{(22)} + 4m_{011}^{(00)}m_{021}^{(20)}m_{211}^{(21)} + 2m_{011}^{(00)}m_{021}^{(20)}m_{202}^{(11)}\\
&-2m_{011}^{(00)}m_{021}^{(20)}m_{121}^{(20)} - 5m_{011}^{(00)}m_{021}^{(20)}m_{112}^{(10)} - m_{011}^{(00)}m_{021}^{(21)}m_{310}^{(22)} - 2m_{011}^{(00)}m_{021}^{(21)}m_{301}^{(21)}\\
&+2m_{011}^{(00)}m_{021}^{(21)}m_{211}^{(20)} + m_{011}^{(00)}m_{021}^{(21)}m_{202}^{(10)} - m_{011}^{(00)}m_{021}^{(22)}m_{310}^{(21)} - m_{011}^{(00)}m_{021}^{(22)}m_{301}^{(11)}\\
&+2m_{011}^{(00)}m_{021}^{(22)}m_{211}^{(10)} + m_{011}^{(00)}m_{012}^{(00)}m_{130}^{(22)} + 3m_{011}^{(00)}m_{012}^{(00)}m_{121}^{(21)} + 2m_{011}^{(00)}m_{012}^{(00)}m_{112}^{(11)}\\
&-3m_{011}^{(00)}m_{012}^{(00)}m_{031}^{(20)} - 3m_{011}^{(00)}m_{012}^{(00)}m_{022}^{(10)} - 2m_{011}^{(00)}m_{012}^{(10)}m_{220}^{(22)} - 4m_{011}^{(00)}m_{012}^{(10)}m_{211}^{(21)}\\
&-m_{011}^{(00)}m_{012}^{(10)}m_{202}^{(11)} + 5m_{011}^{(00)}m_{012}^{(10)}m_{121}^{(20)} + 2m_{011}^{(00)}m_{012}^{(10)}m_{112}^{(10)} + m_{011}^{(00)}m_{012}^{(11)}m_{310}^{(22)}\\
&+m_{011}^{(00)}m_{012}^{(11)}m_{301}^{(21)} - 2m_{011}^{(00)}m_{012}^{(11)}m_{211}^{(20)} - 2m_{011}^{(00)}m_{012}^{(20)}m_{220}^{(21)} - 3m_{011}^{(00)}m_{012}^{(20)}m_{211}^{(11)}\\
&+m_{011}^{(00)}m_{012}^{(20)}m_{130}^{(20)} + 4m_{011}^{(00)}m_{012}^{(20)}m_{121}^{(10)} + 2m_{011}^{(00)}m_{012}^{(21)}m_{310}^{(21)} + m_{011}^{(00)}m_{012}^{(21)}m_{301}^{(11)}\\
&-m_{011}^{(00)}m_{012}^{(21)}m_{220}^{(20)} - 2m_{011}^{(00)}m_{012}^{(21)}m_{211}^{(10)} + m_{011}^{(00)}m_{012}^{(22)}m_{310}^{(11)} - m_{011}^{(00)}m_{012}^{(22)}m_{220}^{(10)}\\
&-m_{011}^{(00)}m_{003}^{(00)}m_{130}^{(21)} - m_{011}^{(00)}m_{003}^{(00)}m_{121}^{(11)} + m_{011}^{(00)}m_{003}^{(00)}m_{040}^{(20)} + m_{011}^{(00)}m_{003}^{(00)}m_{031}^{(10)}\\
&+2m_{011}^{(00)}m_{003}^{(10)}m_{220}^{(21)} + m_{011}^{(00)}m_{003}^{(10)}m_{211}^{(11)} - 2m_{011}^{(00)}m_{003}^{(10)}m_{130}^{(20)} - m_{011}^{(00)}m_{003}^{(10)}m_{121}^{(10)}\\
&-m_{011}^{(00)}m_{003}^{(11)}m_{310}^{(21)} + m_{011}^{(00)}m_{003}^{(11)}m_{220}^{(20)} + m_{011}^{(00)}m_{003}^{(20)}m_{220}^{(11)} - m_{011}^{(00)}m_{003}^{(20)}m_{130}^{(10)}
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\begin{aligned}
&-m_{011}^{(00)}m_{003}^{(21)}m_{310}^{(11)}+m_{011}^{(00)}m_{003}^{(21)}m_{220}^{(10)}-m_{011}^{(10)}m_{300}^{(10)}m_{022}^{(22)}+m_{011}^{(10)}m_{300}^{(10)}m_{004}^{(11)}\\
&+m_{011}^{(10)}m_{300}^{(11)}m_{112}^{(22)}-m_{011}^{(10)}m_{300}^{(11)}m_{103}^{(21)}+m_{011}^{(10)}m_{300}^{(20)}m_{031}^{(22)}-m_{011}^{(10)}m_{300}^{(20)}m_{013}^{(11)}\\
&-m_{011}^{(10)}m_{300}^{(21)}m_{121}^{(22)}+2m_{011}^{(10)}m_{300}^{(21)}m_{112}^{(21)}-m_{011}^{(10)}m_{300}^{(21)}m_{103}^{(11)}-m_{011}^{(10)}m_{300}^{(22)}m_{121}^{(21)}\\
&+m_{011}^{(10)}m_{300}^{(22)}m_{112}^{(11)}+m_{011}^{(10)}m_{210}^{(00)}m_{022}^{(22)}-m_{011}^{(10)}m_{210}^{(00)}m_{004}^{(11)}+2m_{011}^{(10)}m_{210}^{(10)}m_{103}^{(21)}\\
&-2m_{011}^{(10)}m_{210}^{(10)}m_{013}^{(20)}-m_{011}^{(10)}m_{210}^{(11)}m_{202}^{(22)}+m_{011}^{(10)}m_{210}^{(11)}m_{103}^{(20)}-2m_{011}^{(10)}m_{210}^{(20)}m_{121}^{(22)}\\
&-2m_{011}^{(10)}m_{210}^{(20)}m_{112}^{(21)}+2m_{011}^{(10)}m_{210}^{(20)}m_{103}^{(11)}+2m_{011}^{(10)}m_{210}^{(20)}m_{022}^{(20)}+2m_{011}^{(10)}m_{210}^{(21)}m_{211}^{(22)}\\
&-2m_{011}^{(10)}m_{210}^{(21)}m_{202}^{(21)}+2m_{011}^{(10)}m_{210}^{(22)}m_{211}^{(21)}-m_{011}^{(10)}m_{210}^{(22)}m_{202}^{(11)}-m_{011}^{(10)}m_{210}^{(22)}m_{121}^{(20)}\\
&-m_{011}^{(10)}m_{201}^{(00)}m_{031}^{(22)}+m_{011}^{(10)}m_{201}^{(00)}m_{013}^{(11)}+3m_{011}^{(10)}m_{201}^{(10)}m_{121}^{(22)}-2m_{011}^{(10)}m_{201}^{(10)}m_{112}^{(21)}\\
&-3m_{011}^{(10)}m_{201}^{(10)}m_{103}^{(11)}+2m_{011}^{(10)}m_{201}^{(10)}m_{022}^{(20)}-2m_{011}^{(10)}m_{201}^{(11)}m_{211}^{(22)}+3m_{011}^{(10)}m_{201}^{(11)}m_{202}^{(21)}\\
&-m_{011}^{(10)}m_{201}^{(11)}m_{112}^{(20)}-m_{011}^{(10)}m_{201}^{(20)}m_{130}^{(22)}+2m_{011}^{(10)}m_{201}^{(20)}m_{121}^{(21)}+m_{011}^{(10)}m_{201}^{(20)}m_{112}^{(11)}\\
&-2m_{011}^{(10)}m_{201}^{(20)}m_{031}^{(20)}+m_{011}^{(10)}m_{201}^{(21)}m_{220}^{(22)}-4m_{011}^{(10)}m_{201}^{(21)}m_{211}^{(21)}+3m_{011}^{(10)}m_{201}^{(21)}m_{202}^{(11)}\\
&+m_{011}^{(10)}m_{201}^{(22)}m_{220}^{(21)}-2m_{011}^{(10)}m_{201}^{(22)}m_{211}^{(11)}+m_{011}^{(10)}m_{201}^{(22)}m_{130}^{(20)}-m_{011}^{(10)}m_{120}^{(00)}m_{112}^{(22)}\\
&-m_{011}^{(10)}m_{120}^{(00)}m_{103}^{(21)}+2m_{011}^{(10)}m_{120}^{(00)}m_{013}^{(20)}+m_{011}^{(10)}m_{120}^{(10)}m_{202}^{(22)}-m_{011}^{(10)}m_{120}^{(10)}m_{004}^{(00)}\\
&+m_{011}^{(10)}m_{120}^{(20)}m_{211}^{(22)}+2m_{011}^{(10)}m_{120}^{(20)}m_{202}^{(21)}-4m_{011}^{(10)}m_{120}^{(20)}m_{112}^{(20)}+m_{011}^{(10)}m_{120}^{(20)}m_{013}^{(00)}\\
&-m_{011}^{(10)}m_{120}^{(21)}m_{301}^{(22)}+m_{011}^{(10)}m_{120}^{(21)}m_{103}^{(00)}-m_{011}^{(10)}m_{120}^{(22)}m_{301}^{(21)}+2m_{011}^{(10)}m_{120}^{(22)}m_{211}^{(20)}\\
&-m_{011}^{(10)}m_{120}^{(22)}m_{112}^{(00)}+2m_{011}^{(10)}m_{111}^{(00)}m_{112}^{(21)}+2m_{011}^{(10)}m_{111}^{(00)}m_{103}^{(11)}-4m_{011}^{(10)}m_{111}^{(00)}m_{022}^{(20)}\\
&-2m_{011}^{(10)}m_{111}^{(10)}m_{211}^{(22)}-4m_{011}^{(10)}m_{111}^{(10)}m_{202}^{(21)}+4m_{011}^{(10)}m_{111}^{(10)}m_{112}^{(20)}+2m_{011}^{(10)}m_{111}^{(10)}m_{013}^{(00)}\\
&+2m_{011}^{(10)}m_{111}^{(11)}m_{301}^{(22)}-2m_{011}^{(10)}m_{111}^{(11)}m_{202}^{(20)}+2m_{011}^{(10)}m_{111}^{(20)}m_{220}^{(22)}-4m_{011}^{(10)}m_{111}^{(20)}m_{202}^{(11)}\\
&+4m_{011}^{(10)}m_{111}^{(20)}m_{121}^{(20)}-2m_{011}^{(10)}m_{111}^{(20)}m_{022}^{(00)}-2m_{011}^{(10)}m_{111}^{(21)}m_{310}^{(22)}+4m_{011}^{(10)}m_{111}^{(21)}m_{301}^{(21)}\\
&-2m_{011}^{(10)}m_{111}^{(21)}m_{112}^{(00)}-2m_{011}^{(10)}m_{111}^{(22)}m_{310}^{(21)}+2m_{011}^{(10)}m_{111}^{(22)}m_{301}^{(11)}-2m_{011}^{(10)}m_{111}^{(22)}m_{220}^{(20)}\\
&+2m_{011}^{(10)}m_{111}^{(22)}m_{121}^{(00)}+m_{011}^{(10)}m_{102}^{(00)}m_{130}^{(22)}-m_{011}^{(10)}m_{102}^{(00)}m_{121}^{(21)}-2m_{011}^{(10)}m_{102}^{(00)}m_{112}^{(11)}\\
&+2m_{011}^{(10)}m_{102}^{(00)}m_{031}^{(20)}-2m_{011}^{(10)}m_{102}^{(10)}m_{220}^{(22)}+4m_{011}^{(10)}m_{102}^{(10)}m_{211}^{(21)}+3m_{011}^{(10)}m_{102}^{(10)}m_{202}^{(11)}\\
&-4m_{011}^{(10)}m_{102}^{(10)}m_{121}^{(20)}-m_{011}^{(10)}m_{102}^{(10)}m_{022}^{(00)}+m_{011}^{(10)}m_{102}^{(11)}m_{310}^{(22)}-3m_{011}^{(10)}m_{102}^{(11)}m_{301}^{(21)}\\
&+2m_{011}^{(10)}m_{102}^{(11)}m_{211}^{(20)}-2m_{011}^{(10)}m_{102}^{(20)}m_{220}^{(21)}+m_{011}^{(10)}m_{102}^{(20)}m_{211}^{(11)}+m_{011}^{(10)}m_{102}^{(20)}m_{031}^{(00)}\\
&+2m_{011}^{(10)}m_{102}^{(21)}m_{310}^{(21)}-3m_{011}^{(10)}m_{102}^{(21)}m_{301}^{(11)}+m_{011}^{(10)}m_{102}^{(21)}m_{121}^{(00)}+m_{011}^{(10)}m_{102}^{(22)}m_{310}^{(11)}\\
&-m_{011}^{(10)}m_{102}^{(22)}m_{130}^{(00)}-m_{011}^{(10)}m_{030}^{(00)}m_{103}^{(20)}+m_{011}^{(10)}m_{030}^{(00)}m_{004}^{(00)}+2m_{011}^{(10)}m_{030}^{(20)}m_{202}^{(20)}\\
&-2m_{011}^{(10)}m_{030}^{(20)}m_{103}^{(00)}-m_{011}^{(10)}m_{030}^{(22)}m_{301}^{(20)}+m_{011}^{(10)}m_{030}^{(22)}m_{202}^{(00)}+m_{011}^{(10)}m_{021}^{(00)}m_{211}^{(22)}\\
&+m_{011}^{(10)}m_{021}^{(00)}m_{202}^{(21)}+m_{011}^{(10)}m_{021}^{(00)}m_{112}^{(20)}-3m_{011}^{(10)}m_{021}^{(00)}m_{013}^{(00)}-m_{011}^{(10)}m_{021}^{(10)}m_{301}^{(22)}\\
&+m_{011}^{(10)}m_{021}^{(10)}m_{103}^{(00)}-m_{011}^{(10)}m_{021}^{(20)}m_{310}^{(22)}-2m_{011}^{(10)}m_{021}^{(20)}m_{301}^{(21)}-2m_{011}^{(10)}m_{021}^{(20)}m_{211}^{(20)}\\
&+5m_{011}^{(10)}m_{021}^{(20)}m_{112}^{(00)}+m_{011}^{(10)}m_{021}^{(21)}m_{400}^{(22)}-m_{011}^{(10)}m_{021}^{(21)}m_{202}^{(00)}+m_{011}^{(10)}m_{021}^{(22)}m_{400}^{(21)}\\
&+m_{011}^{(10)}m_{021}^{(22)}m_{310}^{(20)}-2m_{011}^{(10)}m_{021}^{(22)}m_{211}^{(00)}-m_{011}^{(10)}m_{012}^{(00)}m_{220}^{(22)}-2m_{011}^{(10)}m_{012}^{(00)}m_{211}^{(21)}\\
&-m_{011}^{(10)}m_{012}^{(00)}m_{202}^{(11)}+m_{011}^{(10)}m_{012}^{(00)}m_{121}^{(20)}+3m_{011}^{(10)}m_{012}^{(00)}m_{022}^{(00)}+2m_{011}^{(10)}m_{012}^{(10)}m_{310}^{(22)}\\
&+2m_{011}^{(10)}m_{012}^{(10)}m_{301}^{(21)}-2m_{011}^{(10)}m_{012}^{(10)}m_{211}^{(20)}-2m_{011}^{(10)}m_{012}^{(10)}m_{112}^{(00)}-m_{011}^{(10)}m_{012}^{(11)}m_{400}^{(22)}\\
&+m_{011}^{(10)}m_{012}^{(11)}m_{301}^{(20)}+2m_{011}^{(10)}m_{012}^{(20)}m_{310}^{(21)}+2m_{011}^{(10)}m_{012}^{(20)}m_{301}^{(11)}-4m_{011}^{(10)}m_{012}^{(20)}m_{121}^{(00)}\\
&-2m_{011}^{(10)}m_{012}^{(21)}m_{400}^{(21)}+2m_{011}^{(10)}m_{012}^{(21)}m_{211}^{(00)}-m_{011}^{(10)}m_{012}^{(22)}m_{400}^{(11)}+m_{011}^{(10)}m_{012}^{(22)}m_{220}^{(00)}\\
&+m_{011}^{(10)}m_{003}^{(00)}m_{220}^{(21)}+m_{011}^{(10)}m_{003}^{(00)}m_{211}^{(11)}-m_{011}^{(10)}m_{003}^{(00)}m_{130}^{(20)}-m_{011}^{(10)}m_{003}^{(00)}m_{031}^{(00)}\\
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&+m_{011}^{(10)}m_{003}^{(11)}m_{400}^{(21)}-m_{011}^{(10)}m_{003}^{(11)}m_{310}^{(20)}-m_{011}^{(10)}m_{003}^{(20)}m_{310}^{(11)}+m_{011}^{(10)}m_{003}^{(20)}m_{130}^{(00)}
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&+m_{011}^{(10)}m_{003}^{(21)}m_{400}^{(11)} - m_{011}^{(10)}m_{003}^{(21)}m_{220}^{(00)} + m_{011}^{(11)}m_{300}^{(10)}m_{013}^{(20)} - m_{011}^{(11)}m_{300}^{(10)}m_{004}^{(10)}\\
&-m_{011}^{(11)}m_{300}^{(20)}m_{022}^{(20)} + m_{011}^{(11)}m_{300}^{(20)}m_{013}^{(10)} - m_{011}^{(11)}m_{300}^{(21)}m_{112}^{(20)} + m_{011}^{(11)}m_{300}^{(21)}m_{103}^{(10)}\\
&+m_{011}^{(11)}m_{300}^{(22)}m_{121}^{(20)} - m_{011}^{(11)}m_{300}^{(22)}m_{112}^{(10)} - m_{011}^{(11)}m_{210}^{(00)}m_{013}^{(20)} + m_{011}^{(11)}m_{210}^{(00)}m_{004}^{(10)}\\
&-m_{011}^{(11)}m_{210}^{(10)}m_{103}^{(20)} + m_{011}^{(11)}m_{210}^{(10)}m_{004}^{(00)} + 3m_{011}^{(11)}m_{210}^{(20)}m_{112}^{(20)} - 2m_{011}^{(11)}m_{210}^{(20)}m_{103}^{(10)}\\
&-m_{011}^{(11)}m_{210}^{(20)}m_{013}^{(00)} + m_{011}^{(11)}m_{210}^{(21)}m_{202}^{(20)} - m_{011}^{(11)}m_{210}^{(21)}m_{103}^{(00)} - 2m_{011}^{(11)}m_{210}^{(22)}m_{211}^{(20)}\\
&+m_{011}^{(11)}m_{210}^{(22)}m_{202}^{(10)} + m_{011}^{(11)}m_{210}^{(22)}m_{112}^{(00)} + m_{011}^{(11)}m_{201}^{(00)}m_{022}^{(20)} - m_{011}^{(11)}m_{201}^{(00)}m_{013}^{(10)}\\
&-2m_{011}^{(11)}m_{201}^{(10)}m_{112}^{(20)} + 3m_{011}^{(11)}m_{201}^{(10)}m_{103}^{(10)} - m_{011}^{(11)}m_{201}^{(10)}m_{013}^{(00)} - m_{011}^{(11)}m_{201}^{(20)}m_{112}^{(10)}\\
&+m_{011}^{(11)}m_{201}^{(20)}m_{022}^{(00)} + 2m_{011}^{(11)}m_{201}^{(21)}m_{211}^{(20)} - 3m_{011}^{(11)}m_{201}^{(21)}m_{202}^{(10)} + m_{011}^{(11)}m_{201}^{(21)}m_{112}^{(00)}\\
&-m_{011}^{(11)}m_{201}^{(22)}m_{220}^{(20)} + 2m_{011}^{(11)}m_{201}^{(22)}m_{211}^{(10)} - m_{011}^{(11)}m_{201}^{(22)}m_{121}^{(00)} + m_{011}^{(11)}m_{120}^{(00)}m_{103}^{(20)}\\
&-m_{011}^{(11)}m_{120}^{(00)}m_{004}^{(00)} - 2m_{011}^{(11)}m_{120}^{(20)}m_{202}^{(20)} + 2m_{011}^{(11)}m_{120}^{(20)}m_{103}^{(00)} + m_{011}^{(11)}m_{120}^{(22)}m_{301}^{(20)}\\
&-m_{011}^{(11)}m_{120}^{(22)}m_{202}^{(00)} - 2m_{011}^{(11)}m_{111}^{(00)}m_{103}^{(10)} + 2m_{011}^{(11)}m_{111}^{(00)}m_{013}^{(00)} + 2m_{011}^{(11)}m_{111}^{(10)}m_{202}^{(20)}\\
&-2m_{011}^{(11)}m_{111}^{(10)}m_{103}^{(00)} - 2m_{011}^{(11)}m_{111}^{(20)}m_{211}^{(20)} + 4m_{011}^{(11)}m_{111}^{(20)}m_{202}^{(10)} - 2m_{011}^{(11)}m_{111}^{(20)}m_{112}^{(00)}\\
&-2m_{011}^{(11)}m_{111}^{(21)}m_{301}^{(20)} + 2m_{011}^{(11)}m_{111}^{(21)}m_{202}^{(00)} + 2m_{011}^{(11)}m_{111}^{(22)}m_{310}^{(20)} - 2m_{011}^{(11)}m_{111}^{(22)}m_{301}^{(10)}\\
&-m_{011}^{(11)}m_{102}^{(00)}m_{121}^{(20)} + 2m_{011}^{(11)}m_{102}^{(00)}m_{112}^{(10)} - m_{011}^{(11)}m_{102}^{(00)}m_{022}^{(00)} + m_{011}^{(11)}m_{102}^{(10)}m_{211}^{(20)}\\
&-3m_{011}^{(11)}m_{102}^{(10)}m_{202}^{(10)} + 2m_{011}^{(11)}m_{102}^{(10)}m_{112}^{(00)} + m_{011}^{(11)}m_{102}^{(20)}m_{220}^{(20)} - m_{011}^{(11)}m_{102}^{(20)}m_{211}^{(10)}\\
&-m_{011}^{(11)}m_{102}^{(21)}m_{310}^{(20)} + 3m_{011}^{(11)}m_{102}^{(21)}m_{301}^{(10)} - 2m_{011}^{(11)}m_{102}^{(21)}m_{211}^{(00)} - m_{011}^{(11)}m_{102}^{(22)}m_{310}^{(10)}\\
&+m_{011}^{(11)}m_{102}^{(22)}m_{220}^{(00)} - m_{011}^{(11)}m_{021}^{(00)}m_{202}^{(20)} + m_{011}^{(11)}m_{021}^{(00)}m_{103}^{(00)} + 2m_{011}^{(11)}m_{021}^{(20)}m_{301}^{(20)}\\
&-2m_{011}^{(11)}m_{021}^{(20)}m_{202}^{(00)} - m_{011}^{(11)}m_{021}^{(22)}m_{400}^{(20)} + m_{011}^{(11)}m_{021}^{(22)}m_{301}^{(00)} + m_{011}^{(11)}m_{012}^{(00)}m_{211}^{(20)}\\
&+m_{011}^{(11)}m_{012}^{(00)}m_{202}^{(10)} - 2m_{011}^{(11)}m_{012}^{(00)}m_{112}^{(00)} - m_{011}^{(11)}m_{012}^{(10)}m_{301}^{(20)} + m_{011}^{(11)}m_{012}^{(10)}m_{202}^{(00)}\\
&-m_{011}^{(11)}m_{012}^{(20)}m_{310}^{(20)} - 2m_{011}^{(11)}m_{012}^{(20)}m_{301}^{(10)} + 3m_{011}^{(11)}m_{012}^{(20)}m_{211}^{(00)} + m_{011}^{(11)}m_{012}^{(21)}m_{400}^{(20)}\\
&-m_{011}^{(11)}m_{012}^{(21)}m_{301}^{(00)} + m_{011}^{(11)}m_{012}^{(22)}m_{400}^{(10)} - m_{011}^{(11)}m_{012}^{(22)}m_{310}^{(00)} - m_{011}^{(11)}m_{003}^{(00)}m_{211}^{(10)}\\
&+m_{011}^{(11)}m_{003}^{(00)}m_{121}^{(00)} + m_{011}^{(11)}m_{003}^{(10)}m_{301}^{(10)} - m_{011}^{(11)}m_{003}^{(10)}m_{211}^{(00)} + m_{011}^{(11)}m_{003}^{(20)}m_{310}^{(10)}\\
&-m_{011}^{(11)}m_{003}^{(20)}m_{220}^{(00)} - m_{011}^{(11)}m_{003}^{(21)}m_{400}^{(10)} + m_{011}^{(11)}m_{003}^{(21)}m_{310}^{(00)} + m_{011}^{(20)}m_{300}^{(10)}m_{031}^{(22)}\\
&-m_{011}^{(20)}m_{300}^{(10)}m_{013}^{(11)} - m_{011}^{(20)}m_{300}^{(11)}m_{121}^{(22)} + m_{011}^{(20)}m_{300}^{(11)}m_{112}^{(21)} - m_{011}^{(20)}m_{300}^{(20)}m_{040}^{(22)}\\
&+m_{011}^{(20)}m_{300}^{(20)}m_{022}^{(11)} + m_{011}^{(20)}m_{300}^{(21)}m_{130}^{(22)} - 2m_{011}^{(20)}m_{300}^{(21)}m_{121}^{(21)} + m_{011}^{(20)}m_{300}^{(21)}m_{112}^{(11)}\\
&+m_{011}^{(20)}m_{300}^{(22)}m_{130}^{(21)} - m_{011}^{(20)}m_{300}^{(22)}m_{121}^{(11)} - m_{011}^{(20)}m_{210}^{(00)}m_{031}^{(22)} + m_{011}^{(20)}m_{210}^{(00)}m_{013}^{(11)}\\
&-m_{011}^{(20)}m_{210}^{(10)}m_{121}^{(22)} - 2m_{011}^{(20)}m_{210}^{(10)}m_{112}^{(21)} + m_{011}^{(20)}m_{210}^{(10)}m_{103}^{(11)} + 2m_{011}^{(20)}m_{210}^{(10)}m_{013}^{(10)}\\
&+2m_{011}^{(20)}m_{210}^{(11)}m_{211}^{(22)} - m_{011}^{(20)}m_{210}^{(11)}m_{202}^{(21)} - m_{011}^{(20)}m_{210}^{(11)}m_{103}^{(10)} + 3m_{011}^{(20)}m_{210}^{(20)}m_{130}^{(22)}\\
&+2m_{011}^{(20)}m_{210}^{(20)}m_{121}^{(21)} - 3m_{011}^{(20)}m_{210}^{(20)}m_{112}^{(11)} - 2m_{011}^{(20)}m_{210}^{(20)}m_{022}^{(10)} - 3m_{011}^{(20)}m_{210}^{(21)}m_{220}^{(22)}\\
&+4m_{011}^{(20)}m_{210}^{(21)}m_{211}^{(21)} - m_{011}^{(20)}m_{210}^{(21)}m_{202}^{(11)} - 3m_{011}^{(20)}m_{210}^{(22)}m_{220}^{(21)} + 2m_{011}^{(20)}m_{210}^{(22)}m_{211}^{(11)}\\
&+m_{011}^{(20)}m_{210}^{(22)}m_{121}^{(10)} + m_{011}^{(20)}m_{201}^{(00)}m_{040}^{(22)} - m_{011}^{(20)}m_{201}^{(00)}m_{022}^{(11)} - 2m_{011}^{(20)}m_{201}^{(10)}m_{130}^{(22)}\\
&+2m_{011}^{(20)}m_{201}^{(10)}m_{121}^{(21)} + 2m_{011}^{(20)}m_{201}^{(10)}m_{112}^{(11)} - 2m_{011}^{(20)}m_{201}^{(10)}m_{022}^{(10)} + m_{011}^{(20)}m_{201}^{(11)}m_{220}^{(22)}\\
&-2m_{011}^{(20)}m_{201}^{(11)}m_{211}^{(21)} + m_{011}^{(20)}m_{201}^{(11)}m_{112}^{(10)} - 2m_{011}^{(20)}m_{201}^{(20)}m_{130}^{(21)} + 2m_{011}^{(20)}m_{201}^{(20)}m_{031}^{(10)}\\
&+2m_{011}^{(20)}m_{201}^{(21)}m_{220}^{(21)} - 2m_{011}^{(20)}m_{201}^{(21)}m_{211}^{(11)} + m_{011}^{(20)}m_{201}^{(22)}m_{220}^{(11)} - m_{011}^{(20)}m_{201}^{(22)}m_{130}^{(10)}\\
&+2m_{011}^{(20)}m_{120}^{(00)}m_{121}^{(22)} + m_{011}^{(20)}m_{120}^{(00)}m_{112}^{(21)} - m_{011}^{(20)}m_{120}^{(00)}m_{103}^{(11)} - 2m_{011}^{(20)}m_{120}^{(00)}m_{013}^{(10)}\\
&-m_{011}^{(20)}m_{120}^{(10)}m_{211}^{(22)} + 2m_{011}^{(20)}m_{120}^{(10)}m_{202}^{(21)} - m_{011}^{(20)}m_{120}^{(10)}m_{013}^{(00)} - m_{011}^{(20)}m_{120}^{(11)}m_{301}^{(22)}\\
&+m_{011}^{(20)}m_{120}^{(11)}m_{103}^{(00)} - 3m_{011}^{(20)}m_{120}^{(20)}m_{220}^{(22)} - 4m_{011}^{(20)}m_{120}^{(20)}m_{211}^{(21)} + 2m_{011}^{(20)}m_{120}^{(20)}m_{202}^{(11)}\\
&+4m_{011}^{(20)}m_{120}^{(20)}m_{112}^{(10)} + m_{011}^{(20)}m_{120}^{(20)}m_{022}^{(00)} + 3m_{011}^{(20)}m_{120}^{(21)}m_{310}^{(22)} - 2m_{011}^{(20)}m_{120}^{(21)}m_{301}^{(21)}
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&-m_{011}^{(20)}m_{120}^{(21)}m_{112}^{(00)} + 3m_{011}^{(20)}m_{120}^{(22)}m_{310}^{(21)} - m_{011}^{(20)}m_{120}^{(22)}m_{301}^{(11)} - 2m_{011}^{(20)}m_{120}^{(22)}m_{211}^{(10)}\\
&-2m_{011}^{(20)}m_{111}^{(00)}m_{130}^{(22)} - 2m_{011}^{(20)}m_{111}^{(00)}m_{121}^{(21)} + 4m_{011}^{(20)}m_{111}^{(00)}m_{022}^{(10)} + 4m_{011}^{(20)}m_{111}^{(10)}m_{220}^{(22)}\\
&-2m_{011}^{(20)}m_{111}^{(10)}m_{202}^{(11)} - 4m_{011}^{(20)}m_{111}^{(10)}m_{112}^{(10)} + 2m_{011}^{(20)}m_{111}^{(10)}m_{022}^{(00)} - 2m_{011}^{(20)}m_{111}^{(11)}m_{310}^{(22)}\\
&+2m_{011}^{(20)}m_{111}^{(11)}m_{301}^{(21)} + 2m_{011}^{(20)}m_{111}^{(11)}m_{202}^{(10)} - 2m_{011}^{(20)}m_{111}^{(11)}m_{112}^{(00)} + 4m_{011}^{(20)}m_{111}^{(20)}m_{220}^{(21)}\\
&+2m_{011}^{(20)}m_{111}^{(20)}m_{211}^{(11)} - 4m_{011}^{(20)}m_{111}^{(20)}m_{121}^{(10)} - 2m_{011}^{(20)}m_{111}^{(20)}m_{031}^{(00)} - 4m_{011}^{(20)}m_{111}^{(21)}m_{310}^{(21)}\\
&+2m_{011}^{(20)}m_{111}^{(21)}m_{301}^{(11)} + 2m_{011}^{(20)}m_{111}^{(21)}m_{121}^{(00)} - 2m_{011}^{(20)}m_{111}^{(22)}m_{310}^{(11)} + 2m_{011}^{(20)}m_{111}^{(22)}m_{220}^{(10)}\\
&+m_{011}^{(20)}m_{102}^{(00)}m_{130}^{(21)} + m_{011}^{(20)}m_{102}^{(00)}m_{121}^{(11)} - 2m_{011}^{(20)}m_{102}^{(00)}m_{031}^{(10)} - 2m_{011}^{(20)}m_{102}^{(10)}m_{220}^{(21)}\\
&-m_{011}^{(20)}m_{102}^{(10)}m_{211}^{(11)} + 4m_{011}^{(20)}m_{102}^{(10)}m_{121}^{(10)} - m_{011}^{(20)}m_{102}^{(10)}m_{031}^{(00)} + m_{011}^{(20)}m_{102}^{(11)}m_{310}^{(21)}\\
&-2m_{011}^{(20)}m_{102}^{(11)}m_{211}^{(10)} + m_{011}^{(20)}m_{102}^{(11)}m_{121}^{(00)} - m_{011}^{(20)}m_{102}^{(20)}m_{220}^{(11)} + m_{011}^{(20)}m_{102}^{(20)}m_{040}^{(00)}\\
&+m_{011}^{(20)}m_{102}^{(21)}m_{310}^{(11)} - m_{011}^{(20)}m_{102}^{(21)}m_{130}^{(00)} - m_{011}^{(20)}m_{030}^{(00)}m_{211}^{(22)} - m_{011}^{(20)}m_{030}^{(00)}m_{202}^{(21)}\\
&+m_{011}^{(20)}m_{030}^{(00)}m_{103}^{(10)} + m_{011}^{(20)}m_{030}^{(00)}m_{013}^{(00)} + m_{011}^{(20)}m_{030}^{(10)}m_{301}^{(22)} - m_{011}^{(20)}m_{030}^{(10)}m_{103}^{(00)}\\
&+m_{011}^{(20)}m_{030}^{(20)}m_{310}^{(22)} + 2m_{011}^{(20)}m_{030}^{(20)}m_{301}^{(21)} - 2m_{011}^{(20)}m_{030}^{(20)}m_{202}^{(10)} - m_{011}^{(20)}m_{030}^{(20)}m_{112}^{(00)}\\
&-m_{011}^{(20)}m_{030}^{(21)}m_{400}^{(22)} + m_{011}^{(20)}m_{030}^{(21)}m_{202}^{(00)} - m_{011}^{(20)}m_{030}^{(22)}m_{400}^{(21)} + m_{011}^{(20)}m_{030}^{(22)}m_{301}^{(10)}\\
&+m_{011}^{(20)}m_{021}^{(00)}m_{220}^{(22)} + 2m_{011}^{(20)}m_{021}^{(00)}m_{211}^{(21)} + m_{011}^{(20)}m_{021}^{(00)}m_{202}^{(11)} - m_{011}^{(20)}m_{021}^{(00)}m_{112}^{(10)}\\
&-3m_{011}^{(20)}m_{021}^{(00)}m_{022}^{(00)} - 2m_{011}^{(20)}m_{021}^{(10)}m_{310}^{(22)} - 2m_{011}^{(20)}m_{021}^{(10)}m_{301}^{(21)} + 4m_{011}^{(20)}m_{021}^{(10)}m_{112}^{(00)}\\
&+m_{011}^{(20)}m_{021}^{(11)}m_{400}^{(22)} - m_{011}^{(20)}m_{021}^{(11)}m_{202}^{(00)} - 2m_{011}^{(20)}m_{021}^{(20)}m_{310}^{(21)} - 2m_{011}^{(20)}m_{021}^{(20)}m_{301}^{(11)}\\
&+2m_{011}^{(20)}m_{021}^{(20)}m_{211}^{(10)} + 2m_{011}^{(20)}m_{021}^{(20)}m_{121}^{(00)} + 2m_{011}^{(20)}m_{021}^{(21)}m_{400}^{(21)} - 2m_{011}^{(20)}m_{021}^{(21)}m_{211}^{(00)}\\
&+m_{011}^{(20)}m_{021}^{(22)}m_{400}^{(11)} - m_{011}^{(20)}m_{021}^{(22)}m_{310}^{(10)} - m_{011}^{(20)}m_{012}^{(00)}m_{220}^{(21)} - m_{011}^{(20)}m_{012}^{(00)}m_{211}^{(11)}\\
&-m_{011}^{(20)}m_{012}^{(00)}m_{121}^{(10)} + 3m_{011}^{(20)}m_{012}^{(00)}m_{031}^{(00)} + 2m_{011}^{(20)}m_{012}^{(10)}m_{310}^{(21)} + m_{011}^{(20)}m_{012}^{(10)}m_{301}^{(11)}\\
&+2m_{011}^{(20)}m_{012}^{(10)}m_{211}^{(10)} - 5m_{011}^{(20)}m_{012}^{(10)}m_{121}^{(00)} - m_{011}^{(20)}m_{012}^{(11)}m_{400}^{(21)} - m_{011}^{(20)}m_{012}^{(11)}m_{301}^{(10)}\\
&+2m_{011}^{(20)}m_{012}^{(11)}m_{211}^{(00)} + m_{011}^{(20)}m_{012}^{(20)}m_{310}^{(11)} - m_{011}^{(20)}m_{012}^{(20)}m_{130}^{(00)} - m_{011}^{(20)}m_{012}^{(21)}m_{400}^{(11)}\\
&+m_{011}^{(20)}m_{012}^{(21)}m_{220}^{(00)} + m_{011}^{(20)}m_{003}^{(00)}m_{130}^{(10)} - m_{011}^{(20)}m_{003}^{(00)}m_{040}^{(00)} - 2m_{011}^{(20)}m_{003}^{(10)}m_{220}^{(10)}\\
&+2m_{011}^{(20)}m_{003}^{(10)}m_{130}^{(00)} + m_{011}^{(20)}m_{003}^{(11)}m_{310}^{(10)} - m_{011}^{(20)}m_{003}^{(11)}m_{220}^{(00)} - m_{011}^{(21)}m_{300}^{(11)}m_{112}^{(20)}\\
&+m_{011}^{(21)}m_{300}^{(11)}m_{103}^{(10)} + 2m_{011}^{(21)}m_{300}^{(21)}m_{121}^{(20)} - 2m_{011}^{(21)}m_{300}^{(21)}m_{112}^{(10)} - m_{011}^{(21)}m_{300}^{(22)}m_{130}^{(20)}\\
&+m_{011}^{(21)}m_{300}^{(22)}m_{121}^{(10)} + 2m_{011}^{(21)}m_{210}^{(10)}m_{112}^{(20)} - 2m_{011}^{(21)}m_{210}^{(10)}m_{103}^{(10)} + m_{011}^{(21)}m_{210}^{(11)}m_{202}^{(20)}\\
&-m_{011}^{(21)}m_{210}^{(11)}m_{103}^{(00)} - 2m_{011}^{(21)}m_{210}^{(20)}m_{121}^{(20)} + 2m_{011}^{(21)}m_{210}^{(20)}m_{112}^{(10)} - 4m_{011}^{(21)}m_{210}^{(21)}m_{211}^{(20)}\\
&+2m_{011}^{(21)}m_{210}^{(21)}m_{202}^{(10)} + 2m_{011}^{(21)}m_{210}^{(21)}m_{112}^{(00)} + 3m_{011}^{(21)}m_{210}^{(22)}m_{220}^{(20)} - 2m_{011}^{(21)}m_{210}^{(22)}m_{211}^{(10)}\\
&-m_{011}^{(21)}m_{210}^{(22)}m_{121}^{(00)} - 2m_{011}^{(21)}m_{201}^{(10)}m_{121}^{(20)} + 2m_{011}^{(21)}m_{201}^{(10)}m_{112}^{(10)} + 2m_{011}^{(21)}m_{201}^{(11)}m_{211}^{(20)}\\
&-3m_{011}^{(21)}m_{201}^{(11)}m_{202}^{(10)} + m_{011}^{(21)}m_{201}^{(11)}m_{112}^{(00)} + 2m_{011}^{(21)}m_{201}^{(20)}m_{130}^{(20)} - 2m_{011}^{(21)}m_{201}^{(20)}m_{121}^{(10)}\\
&-2m_{011}^{(21)}m_{201}^{(21)}m_{220}^{(20)} + 4m_{011}^{(21)}m_{201}^{(21)}m_{211}^{(10)} - 2m_{011}^{(21)}m_{201}^{(21)}m_{121}^{(00)} - m_{011}^{(21)}m_{201}^{(22)}m_{220}^{(10)}\\
&+m_{011}^{(21)}m_{201}^{(22)}m_{130}^{(00)} - m_{011}^{(21)}m_{120}^{(00)}m_{112}^{(20)} + m_{011}^{(21)}m_{120}^{(00)}m_{103}^{(10)} - 2m_{011}^{(21)}m_{120}^{(10)}m_{202}^{(20)}\\
&+2m_{011}^{(21)}m_{120}^{(10)}m_{103}^{(00)} + 4m_{011}^{(21)}m_{120}^{(20)}m_{211}^{(20)} - 2m_{011}^{(21)}m_{120}^{(20)}m_{202}^{(10)} - 2m_{011}^{(21)}m_{120}^{(20)}m_{112}^{(00)}\\
&+2m_{011}^{(21)}m_{120}^{(21)}m_{301}^{(20)} - 2m_{011}^{(21)}m_{120}^{(21)}m_{202}^{(00)} - 3m_{011}^{(21)}m_{120}^{(22)}m_{310}^{(20)} + m_{011}^{(21)}m_{120}^{(22)}m_{301}^{(10)}\\
&+2m_{011}^{(21)}m_{120}^{(22)}m_{211}^{(00)} + 2m_{011}^{(21)}m_{111}^{(00)}m_{121}^{(20)} - 2m_{011}^{(21)}m_{111}^{(00)}m_{112}^{(10)} + 4m_{011}^{(21)}m_{111}^{(10)}m_{202}^{(10)}\\
&-4m_{011}^{(21)}m_{111}^{(10)}m_{112}^{(00)} - 2m_{011}^{(21)}m_{111}^{(11)}m_{301}^{(20)} + 2m_{011}^{(21)}m_{111}^{(11)}m_{202}^{(00)} - 4m_{011}^{(21)}m_{111}^{(20)}m_{220}^{(20)}\\
&+4m_{011}^{(21)}m_{111}^{(20)}m_{121}^{(00)} + 4m_{011}^{(21)}m_{111}^{(21)}m_{310}^{(20)} - 4m_{011}^{(21)}m_{111}^{(21)}m_{301}^{(10)} + 2m_{011}^{(21)}m_{111}^{(22)}m_{310}^{(10)}\\
&-2m_{011}^{(21)}m_{111}^{(22)}m_{220}^{(00)} - m_{011}^{(21)}m_{102}^{(00)}m_{130}^{(20)} + m_{011}^{(21)}m_{102}^{(00)}m_{121}^{(10)} + 2m_{011}^{(21)}m_{102}^{(10)}m_{220}^{(20)}\\
&-4m_{011}^{(21)}m_{102}^{(10)}m_{211}^{(10)} + 2m_{011}^{(21)}m_{102}^{(10)}m_{121}^{(00)} - m_{011}^{(21)}m_{102}^{(11)}m_{310}^{(20)} + 3m_{011}^{(21)}m_{102}^{(11)}m_{301}^{(10)}
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\begin{aligned}
&-2m_{011}^{(21)}m_{102}^{(11)}m_{211}^{(00)} + 2m_{011}^{(21)}m_{102}^{(20)}m_{220}^{(10)} - 2m_{011}^{(21)}m_{102}^{(20)}m_{130}^{(00)} - 2m_{011}^{(21)}m_{102}^{(21)}m_{310}^{(10)}\\
&+2m_{011}^{(21)}m_{102}^{(21)}m_{220}^{(00)} + m_{011}^{(21)}m_{030}^{(00)}m_{202}^{(20)} - m_{011}^{(21)}m_{030}^{(00)}m_{103}^{(00)} - 2m_{011}^{(21)}m_{030}^{(20)}m_{301}^{(20)}\\
&+2m_{011}^{(21)}m_{030}^{(20)}m_{202}^{(00)} + m_{011}^{(21)}m_{030}^{(22)}m_{400}^{(20)} - m_{011}^{(21)}m_{030}^{(22)}m_{301}^{(00)} - 2m_{011}^{(21)}m_{021}^{(00)}m_{211}^{(20)}\\
&-m_{011}^{(21)}m_{021}^{(00)}m_{202}^{(10)} + 3m_{011}^{(21)}m_{021}^{(00)}m_{112}^{(00)} + 2m_{011}^{(21)}m_{021}^{(10)}m_{301}^{(20)} - 2m_{011}^{(21)}m_{021}^{(10)}m_{202}^{(00)}\\
&+2m_{011}^{(21)}m_{021}^{(20)}m_{310}^{(20)} + 2m_{011}^{(21)}m_{021}^{(20)}m_{301}^{(10)} - 4m_{011}^{(21)}m_{021}^{(20)}m_{211}^{(00)} - 2m_{011}^{(21)}m_{021}^{(21)}m_{400}^{(20)}\\
&+2m_{011}^{(21)}m_{021}^{(21)}m_{301}^{(00)} - m_{011}^{(21)}m_{021}^{(22)}m_{400}^{(10)} + m_{011}^{(21)}m_{021}^{(22)}m_{310}^{(00)} + m_{011}^{(21)}m_{012}^{(00)}m_{220}^{(20)}\\
&+2m_{011}^{(21)}m_{012}^{(00)}m_{211}^{(10)} - 3m_{011}^{(21)}m_{012}^{(00)}m_{121}^{(00)} - 2m_{011}^{(21)}m_{012}^{(10)}m_{310}^{(20)} - 2m_{011}^{(21)}m_{012}^{(10)}m_{301}^{(10)}\\
&+4m_{011}^{(21)}m_{012}^{(10)}m_{211}^{(00)} + m_{011}^{(21)}m_{012}^{(11)}m_{400}^{(20)} - m_{011}^{(21)}m_{012}^{(11)}m_{301}^{(00)} - 2m_{011}^{(21)}m_{012}^{(20)}m_{310}^{(10)}\\
&+2m_{011}^{(21)}m_{012}^{(20)}m_{220}^{(00)} + 2m_{011}^{(21)}m_{012}^{(21)}m_{400}^{(10)} - 2m_{011}^{(21)}m_{012}^{(21)}m_{310}^{(00)} - m_{011}^{(21)}m_{003}^{(00)}m_{220}^{(10)}\\
&+m_{011}^{(21)}m_{003}^{(00)}m_{130}^{(00)} + 2m_{011}^{(21)}m_{003}^{(10)}m_{310}^{(10)} - 2m_{011}^{(21)}m_{003}^{(10)}m_{220}^{(00)} - m_{011}^{(21)}m_{003}^{(11)}m_{400}^{(10)}\\
&+m_{011}^{(21)}m_{003}^{(11)}m_{310}^{(00)} - m_{011}^{(22)}m_{300}^{(10)}m_{031}^{(20)} + m_{011}^{(22)}m_{300}^{(10)}m_{022}^{(10)} + m_{011}^{(22)}m_{300}^{(11)}m_{121}^{(20)}\\
&-m_{011}^{(22)}m_{300}^{(11)}m_{112}^{(10)} + m_{011}^{(22)}m_{300}^{(20)}m_{040}^{(20)} - m_{011}^{(22)}m_{300}^{(20)}m_{031}^{(10)} - m_{011}^{(22)}m_{300}^{(21)}m_{130}^{(20)}\\
&+m_{011}^{(22)}m_{300}^{(21)}m_{121}^{(10)} + m_{011}^{(22)}m_{210}^{(00)}m_{031}^{(20)} - m_{011}^{(22)}m_{210}^{(00)}m_{022}^{(10)} + m_{011}^{(22)}m_{210}^{(10)}m_{121}^{(20)}\\
&-m_{011}^{(22)}m_{210}^{(10)}m_{022}^{(00)} - 2m_{011}^{(22)}m_{210}^{(11)}m_{211}^{(20)} + m_{011}^{(22)}m_{210}^{(11)}m_{202}^{(10)} + m_{011}^{(22)}m_{210}^{(11)}m_{112}^{(00)}\\
&-3m_{011}^{(22)}m_{210}^{(20)}m_{130}^{(20)} + 2m_{011}^{(22)}m_{210}^{(20)}m_{121}^{(10)} + m_{011}^{(22)}m_{210}^{(20)}m_{031}^{(00)} + 3m_{011}^{(22)}m_{210}^{(21)}m_{220}^{(20)}\\
&-2m_{011}^{(22)}m_{210}^{(21)}m_{211}^{(10)} - m_{011}^{(22)}m_{210}^{(21)}m_{121}^{(00)} - m_{011}^{(22)}m_{201}^{(00)}m_{040}^{(20)} + m_{011}^{(22)}m_{201}^{(00)}m_{031}^{(10)}\\
&+2m_{011}^{(22)}m_{201}^{(10)}m_{130}^{(20)} - 3m_{011}^{(22)}m_{201}^{(10)}m_{121}^{(10)} + m_{011}^{(22)}m_{201}^{(10)}m_{031}^{(00)} - m_{011}^{(22)}m_{201}^{(11)}m_{220}^{(20)}\\
&+2m_{011}^{(22)}m_{201}^{(11)}m_{211}^{(10)} - m_{011}^{(22)}m_{201}^{(11)}m_{121}^{(00)} + m_{011}^{(22)}m_{201}^{(20)}m_{130}^{(10)} - m_{011}^{(22)}m_{201}^{(20)}m_{040}^{(00)}\\
&-m_{011}^{(22)}m_{201}^{(21)}m_{220}^{(10)} + m_{011}^{(22)}m_{201}^{(21)}m_{130}^{(00)} - 2m_{011}^{(22)}m_{120}^{(00)}m_{121}^{(20)} + m_{011}^{(22)}m_{120}^{(00)}m_{112}^{(10)}\\
&+m_{011}^{(22)}m_{120}^{(00)}m_{022}^{(00)} + m_{011}^{(22)}m_{120}^{(10)}m_{211}^{(20)} - m_{011}^{(22)}m_{120}^{(10)}m_{202}^{(10)} + m_{011}^{(22)}m_{120}^{(11)}m_{301}^{(20)}\\
&-m_{011}^{(22)}m_{120}^{(11)}m_{202}^{(00)} + 3m_{011}^{(22)}m_{120}^{(20)}m_{220}^{(20)} - m_{011}^{(22)}m_{120}^{(20)}m_{211}^{(10)} - 2m_{011}^{(22)}m_{120}^{(20)}m_{121}^{(00)}\\
&-3m_{011}^{(22)}m_{120}^{(21)}m_{310}^{(20)} + m_{011}^{(22)}m_{120}^{(21)}m_{301}^{(10)} + 2m_{011}^{(22)}m_{120}^{(21)}m_{211}^{(00)} + 2m_{011}^{(22)}m_{111}^{(00)}m_{130}^{(20)}\\
&-2m_{011}^{(22)}m_{111}^{(00)}m_{031}^{(00)} - 4m_{011}^{(22)}m_{111}^{(10)}m_{220}^{(20)} + 2m_{011}^{(22)}m_{111}^{(10)}m_{211}^{(10)} + 2m_{011}^{(22)}m_{111}^{(10)}m_{121}^{(00)}\\
&+2m_{011}^{(22)}m_{111}^{(11)}m_{310}^{(20)} - 2m_{011}^{(22)}m_{111}^{(11)}m_{301}^{(10)} - 2m_{011}^{(22)}m_{111}^{(20)}m_{220}^{(10)} + 2m_{011}^{(22)}m_{111}^{(20)}m_{130}^{(00)}\\
&+2m_{011}^{(22)}m_{111}^{(21)}m_{310}^{(10)} - 2m_{011}^{(22)}m_{111}^{(21)}m_{220}^{(00)} - m_{011}^{(22)}m_{102}^{(00)}m_{130}^{(10)} + m_{011}^{(22)}m_{102}^{(00)}m_{040}^{(00)}\\
&+2m_{011}^{(22)}m_{102}^{(10)}m_{220}^{(10)} - 2m_{011}^{(22)}m_{102}^{(10)}m_{130}^{(00)} - m_{011}^{(22)}m_{102}^{(11)}m_{310}^{(10)} + m_{011}^{(22)}m_{102}^{(11)}m_{220}^{(00)}\\
&+m_{011}^{(22)}m_{030}^{(00)}m_{211}^{(20)} - m_{011}^{(22)}m_{030}^{(00)}m_{112}^{(00)} - m_{011}^{(22)}m_{030}^{(10)}m_{301}^{(20)} + m_{011}^{(22)}m_{030}^{(10)}m_{202}^{(00)}\\
&-m_{011}^{(22)}m_{030}^{(20)}m_{310}^{(20)} + m_{011}^{(22)}m_{030}^{(20)}m_{211}^{(00)} + m_{011}^{(22)}m_{030}^{(21)}m_{400}^{(20)} - m_{011}^{(22)}m_{030}^{(21)}m_{301}^{(00)}\\
&-m_{011}^{(22)}m_{021}^{(00)}m_{220}^{(20)} - m_{011}^{(22)}m_{021}^{(00)}m_{211}^{(10)} + 2m_{011}^{(22)}m_{021}^{(00)}m_{121}^{(00)} + 2m_{011}^{(22)}m_{021}^{(10)}m_{310}^{(20)}\\
&+m_{011}^{(22)}m_{021}^{(10)}m_{301}^{(10)} - 3m_{011}^{(22)}m_{021}^{(10)}m_{211}^{(00)} - m_{011}^{(22)}m_{021}^{(11)}m_{400}^{(20)} + m_{011}^{(22)}m_{021}^{(11)}m_{301}^{(00)}\\
&+m_{011}^{(22)}m_{021}^{(20)}m_{310}^{(10)} - m_{011}^{(22)}m_{021}^{(20)}m_{220}^{(00)} - m_{011}^{(22)}m_{021}^{(21)}m_{400}^{(10)} + m_{011}^{(22)}m_{021}^{(21)}m_{310}^{(00)}\\
&+m_{011}^{(22)}m_{012}^{(00)}m_{220}^{(10)} - m_{011}^{(22)}m_{012}^{(00)}m_{130}^{(00)} - 2m_{011}^{(22)}m_{012}^{(10)}m_{310}^{(10)} + 2m_{011}^{(22)}m_{012}^{(10)}m_{220}^{(00)}\\
&+m_{011}^{(22)}m_{012}^{(11)}m_{400}^{(10)} - m_{011}^{(22)}m_{012}^{(11)}m_{310}^{(00)} - m_{002}^{(00)}m_{210}^{(10)}m_{022}^{(21)} + m_{002}^{(00)}m_{210}^{(10)}m_{013}^{(11)}\\
&+m_{002}^{(00)}m_{210}^{(11)}m_{112}^{(21)} - m_{002}^{(00)}m_{210}^{(11)}m_{103}^{(11)} + m_{002}^{(00)}m_{210}^{(20)}m_{031}^{(21)} - m_{002}^{(00)}m_{210}^{(20)}m_{022}^{(11)}\\
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&-m_{002}^{(00)}m_{201}^{(11)}m_{121}^{(21)} + m_{002}^{(00)}m_{201}^{(11)}m_{112}^{(11)} - m_{002}^{(00)}m_{201}^{(20)}m_{040}^{(21)} + m_{002}^{(00)}m_{201}^{(20)}m_{031}^{(11)}\\
&+m_{002}^{(00)}m_{201}^{(21)}m_{130}^{(21)} - m_{002}^{(00)}m_{201}^{(21)}m_{121}^{(11)} + m_{002}^{(00)}m_{120}^{(00)}m_{022}^{(21)} - m_{002}^{(00)}m_{120}^{(00)}m_{013}^{(11)}\\
&+m_{002}^{(00)}m_{120}^{(10)}m_{103}^{(11)} - m_{002}^{(00)}m_{120}^{(10)}m_{013}^{(10)} - m_{002}^{(00)}m_{120}^{(11)}m_{202}^{(21)} + m_{002}^{(00)}m_{120}^{(11)}m_{103}^{(10)}
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&-2m_{002}^{(00)}m_{120}^{(20)}m_{121}^{(21)} + m_{002}^{(00)}m_{120}^{(20)}m_{112}^{(11)} + m_{002}^{(00)}m_{120}^{(20)}m_{022}^{(10)} + 2m_{002}^{(00)}m_{120}^{(21)}m_{211}^{(21)}\\
&-m_{002}^{(00)}m_{120}^{(21)}m_{202}^{(11)} - m_{002}^{(00)}m_{120}^{(21)}m_{112}^{(10)} - 2m_{002}^{(00)}m_{111}^{(00)}m_{031}^{(21)} + 2m_{002}^{(00)}m_{111}^{(00)}m_{022}^{(11)}\\
&+2m_{002}^{(00)}m_{111}^{(10)}m_{121}^{(21)} - 4m_{002}^{(00)}m_{111}^{(10)}m_{112}^{(11)} + 2m_{002}^{(00)}m_{111}^{(10)}m_{022}^{(10)} + 2m_{002}^{(00)}m_{111}^{(11)}m_{202}^{(11)}\\
&-2m_{002}^{(00)}m_{111}^{(11)}m_{112}^{(10)} + 2m_{002}^{(00)}m_{111}^{(20)}m_{130}^{(21)} - 2m_{002}^{(00)}m_{111}^{(20)}m_{031}^{(10)} - 2m_{002}^{(00)}m_{111}^{(21)}m_{220}^{(21)}\\
&+2m_{002}^{(00)}m_{111}^{(21)}m_{121}^{(10)} + m_{002}^{(00)}m_{102}^{(00)}m_{040}^{(21)} - m_{002}^{(00)}m_{102}^{(00)}m_{031}^{(11)} - 2m_{002}^{(00)}m_{102}^{(10)}m_{130}^{(21)}\\
&+3m_{002}^{(00)}m_{102}^{(10)}m_{121}^{(11)} - m_{002}^{(00)}m_{102}^{(10)}m_{031}^{(10)} + m_{002}^{(00)}m_{102}^{(11)}m_{220}^{(21)} - 2m_{002}^{(00)}m_{102}^{(11)}m_{211}^{(11)}\\
&+m_{002}^{(00)}m_{102}^{(11)}m_{121}^{(10)} - m_{002}^{(00)}m_{102}^{(20)}m_{130}^{(11)} + m_{002}^{(00)}m_{102}^{(20)}m_{040}^{(10)} + m_{002}^{(00)}m_{102}^{(21)}m_{220}^{(11)}\\
&-m_{002}^{(00)}m_{102}^{(21)}m_{130}^{(10)} - m_{002}^{(00)}m_{030}^{(00)}m_{112}^{(21)} + m_{002}^{(00)}m_{030}^{(00)}m_{013}^{(10)} + m_{002}^{(00)}m_{030}^{(10)}m_{202}^{(21)}\\
&-m_{002}^{(00)}m_{030}^{(10)}m_{103}^{(10)} + m_{002}^{(00)}m_{030}^{(20)}m_{211}^{(21)} - m_{002}^{(00)}m_{030}^{(20)}m_{112}^{(10)} - m_{002}^{(00)}m_{030}^{(21)}m_{301}^{(21)}\\
&+m_{002}^{(00)}m_{030}^{(21)}m_{202}^{(10)} + 2m_{002}^{(00)}m_{021}^{(00)}m_{121}^{(21)} + m_{002}^{(00)}m_{021}^{(00)}m_{112}^{(11)} - 3m_{002}^{(00)}m_{021}^{(00)}m_{022}^{(10)}\\
&-3m_{002}^{(00)}m_{021}^{(10)}m_{211}^{(21)} - m_{002}^{(00)}m_{021}^{(10)}m_{202}^{(11)} + 4m_{002}^{(00)}m_{021}^{(10)}m_{112}^{(10)} + m_{002}^{(00)}m_{021}^{(11)}m_{301}^{(21)}\\
&-m_{002}^{(00)}m_{021}^{(11)}m_{202}^{(10)} - m_{002}^{(00)}m_{021}^{(20)}m_{220}^{(21)} - m_{002}^{(00)}m_{021}^{(20)}m_{211}^{(11)} + 2m_{002}^{(00)}m_{021}^{(20)}m_{121}^{(10)}\\
&+m_{002}^{(00)}m_{021}^{(21)}m_{310}^{(21)} + m_{002}^{(00)}m_{021}^{(21)}m_{301}^{(11)} - 2m_{002}^{(00)}m_{021}^{(21)}m_{211}^{(10)} - m_{002}^{(00)}m_{012}^{(00)}m_{130}^{(21)}\\
&-2m_{002}^{(00)}m_{012}^{(00)}m_{121}^{(11)} + 3m_{002}^{(00)}m_{012}^{(00)}m_{031}^{(10)} + 2m_{002}^{(00)}m_{012}^{(10)}m_{220}^{(21)} + 3m_{002}^{(00)}m_{012}^{(10)}m_{211}^{(11)}\\
&-5m_{002}^{(00)}m_{012}^{(10)}m_{121}^{(10)} - m_{002}^{(00)}m_{012}^{(11)}m_{310}^{(21)} - m_{002}^{(00)}m_{012}^{(11)}m_{301}^{(11)} + 2m_{002}^{(00)}m_{012}^{(11)}m_{211}^{(10)}\\
&+m_{002}^{(00)}m_{012}^{(20)}m_{220}^{(11)} - m_{002}^{(00)}m_{012}^{(20)}m_{130}^{(10)} - m_{002}^{(00)}m_{012}^{(21)}m_{310}^{(11)} + m_{002}^{(00)}m_{012}^{(21)}m_{220}^{(10)}\\
&+m_{002}^{(00)}m_{003}^{(00)}m_{130}^{(11)} - m_{002}^{(00)}m_{003}^{(00)}m_{040}^{(10)} - 2m_{002}^{(00)}m_{003}^{(10)}m_{220}^{(11)} + 2m_{002}^{(00)}m_{003}^{(10)}m_{130}^{(10)}\\
&+m_{002}^{(00)}m_{003}^{(11)}m_{310}^{(11)} - m_{002}^{(00)}m_{003}^{(11)}m_{220}^{(10)} + m_{002}^{(10)}m_{300}^{(10)}m_{022}^{(21)} - m_{002}^{(10)}m_{300}^{(10)}m_{013}^{(11)}\\
&-m_{002}^{(10)}m_{300}^{(11)}m_{112}^{(21)} + m_{002}^{(10)}m_{300}^{(11)}m_{103}^{(11)} - m_{002}^{(10)}m_{300}^{(20)}m_{031}^{(21)} + m_{002}^{(10)}m_{300}^{(20)}m_{022}^{(11)}\\
&+m_{002}^{(10)}m_{300}^{(21)}m_{121}^{(21)} - m_{002}^{(10)}m_{300}^{(21)}m_{112}^{(11)} - m_{002}^{(10)}m_{210}^{(00)}m_{022}^{(21)} + m_{002}^{(10)}m_{210}^{(00)}m_{013}^{(11)}\\
&-m_{002}^{(10)}m_{210}^{(10)}m_{103}^{(11)} + m_{002}^{(10)}m_{210}^{(10)}m_{022}^{(20)} + m_{002}^{(10)}m_{210}^{(11)}m_{202}^{(21)} - m_{002}^{(10)}m_{210}^{(11)}m_{112}^{(20)}\\
&+2m_{002}^{(10)}m_{210}^{(20)}m_{121}^{(21)} - m_{002}^{(10)}m_{210}^{(20)}m_{112}^{(11)} - m_{002}^{(10)}m_{210}^{(20)}m_{031}^{(20)} - 2m_{002}^{(10)}m_{210}^{(21)}m_{211}^{(21)}\\
&+m_{002}^{(10)}m_{210}^{(21)}m_{202}^{(11)} + m_{002}^{(10)}m_{210}^{(21)}m_{121}^{(20)} + m_{002}^{(10)}m_{201}^{(00)}m_{031}^{(21)} - m_{002}^{(10)}m_{201}^{(00)}m_{022}^{(11)}\\
&-3m_{002}^{(10)}m_{201}^{(10)}m_{121}^{(21)} + 4m_{002}^{(10)}m_{201}^{(10)}m_{112}^{(11)} - m_{002}^{(10)}m_{201}^{(10)}m_{031}^{(20)} + 2m_{002}^{(10)}m_{201}^{(11)}m_{211}^{(21)}\\
&-3m_{002}^{(10)}m_{201}^{(11)}m_{202}^{(11)} + m_{002}^{(10)}m_{201}^{(11)}m_{121}^{(20)} + m_{002}^{(10)}m_{201}^{(20)}m_{130}^{(21)} - 2m_{002}^{(10)}m_{201}^{(20)}m_{121}^{(11)}\\
&+m_{002}^{(10)}m_{201}^{(20)}m_{040}^{(20)} - m_{002}^{(10)}m_{201}^{(21)}m_{220}^{(21)} + 2m_{002}^{(10)}m_{201}^{(21)}m_{211}^{(11)} - m_{002}^{(10)}m_{201}^{(21)}m_{130}^{(20)}\\
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&-2m_{002}^{(10)}m_{111}^{(10)}m_{121}^{(20)} - 2m_{002}^{(10)}m_{111}^{(10)}m_{022}^{(00)} - 2m_{002}^{(10)}m_{111}^{(11)}m_{301}^{(21)} + 2m_{002}^{(10)}m_{111}^{(11)}m_{112}^{(00)}\\
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&+2m_{002}^{(10)}m_{111}^{(21)}m_{310}^{(21)} - 2m_{002}^{(10)}m_{111}^{(21)}m_{301}^{(11)} + 2m_{002}^{(10)}m_{111}^{(21)}m_{220}^{(20)} - 2m_{002}^{(10)}m_{111}^{(21)}m_{121}^{(00)}\\
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&-m_{002}^{(10)}m_{030}^{(00)}m_{013}^{(00)} - m_{002}^{(10)}m_{030}^{(10)}m_{202}^{(20)} + m_{002}^{(10)}m_{030}^{(10)}m_{103}^{(00)} - m_{002}^{(10)}m_{030}^{(20)}m_{211}^{(20)}
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&+m_{002}^{(10)}m_{030}^{(20)}m_{112}^{(00)}+m_{002}^{(10)}m_{030}^{(21)}m_{301}^{(20)}-m_{002}^{(10)}m_{030}^{(21)}m_{202}^{(00)}-m_{002}^{(10)}m_{021}^{(00)}m_{211}^{(21)}\\
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&+m_{002}^{(10)}m_{021}^{(20)}m_{220}^{(20)}-2m_{002}^{(10)}m_{021}^{(20)}m_{121}^{(00)}-m_{002}^{(10)}m_{021}^{(21)}m_{400}^{(21)}-m_{002}^{(10)}m_{021}^{(21)}m_{310}^{(20)}\\
&+2m_{002}^{(10)}m_{021}^{(21)}m_{211}^{(00)}+m_{002}^{(10)}m_{012}^{(00)}m_{220}^{(21)}+m_{002}^{(10)}m_{012}^{(00)}m_{211}^{(11)}+m_{002}^{(10)}m_{012}^{(00)}m_{130}^{(20)}\\
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&+5m_{002}^{(10)}m_{012}^{(10)}m_{121}^{(00)}+m_{002}^{(10)}m_{012}^{(11)}m_{400}^{(21)}+m_{002}^{(10)}m_{012}^{(11)}m_{310}^{(20)}-2m_{002}^{(10)}m_{012}^{(11)}m_{211}^{(00)}\\
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&+3m_{002}^{(11)}m_{201}^{(11)}m_{202}^{(10)}-m_{002}^{(11)}m_{201}^{(11)}m_{112}^{(00)}-m_{002}^{(11)}m_{201}^{(20)}m_{130}^{(20)}+2m_{002}^{(11)}m_{201}^{(20)}m_{121}^{(10)}\\
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&+m_{002}^{(11)}m_{120}^{(20)}m_{211}^{(20)}-m_{002}^{(11)}m_{120}^{(20)}m_{112}^{(00)}-m_{002}^{(11)}m_{120}^{(21)}m_{301}^{(20)}+m_{002}^{(11)}m_{120}^{(21)}m_{202}^{(00)}\\
&+2m_{002}^{(11)}m_{111}^{(00)}m_{112}^{(10)}-2m_{002}^{(11)}m_{111}^{(00)}m_{022}^{(00)}-2m_{002}^{(11)}m_{111}^{(10)}m_{211}^{(20)}-2m_{002}^{(11)}m_{111}^{(10)}m_{202}^{(10)}\\
&+4m_{002}^{(11)}m_{111}^{(10)}m_{112}^{(00)}+2m_{002}^{(11)}m_{111}^{(11)}m_{301}^{(20)}-2m_{002}^{(11)}m_{111}^{(11)}m_{202}^{(00)}+2m_{002}^{(11)}m_{111}^{(20)}m_{220}^{(20)}\\
&-2m_{002}^{(11)}m_{111}^{(20)}m_{211}^{(10)}-2m_{002}^{(11)}m_{111}^{(21)}m_{310}^{(20)}+2m_{002}^{(11)}m_{111}^{(21)}m_{301}^{(10)}+m_{002}^{(11)}m_{102}^{(00)}m_{130}^{(20)}\\
&-2m_{002}^{(11)}m_{102}^{(00)}m_{121}^{(10)}+m_{002}^{(11)}m_{102}^{(00)}m_{031}^{(00)}-2m_{002}^{(11)}m_{102}^{(10)}m_{220}^{(20)}+5m_{002}^{(11)}m_{102}^{(10)}m_{211}^{(10)}\\
&-3m_{002}^{(11)}m_{102}^{(10)}m_{121}^{(00)}+m_{002}^{(11)}m_{102}^{(11)}m_{310}^{(20)}-3m_{002}^{(11)}m_{102}^{(11)}m_{301}^{(10)}+2m_{002}^{(11)}m_{102}^{(11)}m_{211}^{(00)}\\
&-m_{002}^{(11)}m_{102}^{(20)}m_{220}^{(10)}+m_{002}^{(11)}m_{102}^{(20)}m_{130}^{(00)}+m_{002}^{(11)}m_{102}^{(21)}m_{310}^{(10)}-m_{002}^{(11)}m_{102}^{(21)}m_{220}^{(00)}\\
&+m_{002}^{(11)}m_{021}^{(00)}m_{211}^{(20)}-m_{002}^{(11)}m_{021}^{(00)}m_{112}^{(00)}-m_{002}^{(11)}m_{021}^{(10)}m_{301}^{(20)}+m_{002}^{(11)}m_{021}^{(10)}m_{202}^{(00)}\\
&-m_{002}^{(11)}m_{021}^{(20)}m_{310}^{(20)}+m_{002}^{(11)}m_{021}^{(20)}m_{211}^{(00)}+m_{002}^{(11)}m_{021}^{(21)}m_{400}^{(20)}-m_{002}^{(11)}m_{021}^{(21)}m_{301}^{(00)}\\
&-m_{002}^{(11)}m_{012}^{(00)}m_{220}^{(20)}-m_{002}^{(11)}m_{012}^{(00)}m_{211}^{(10)}+2m_{002}^{(11)}m_{012}^{(00)}m_{121}^{(20)}+2m_{002}^{(11)}m_{012}^{(10)}m_{310}^{(20)}\\
&+m_{002}^{(11)}m_{012}^{(10)}m_{301}^{(10)}-3m_{002}^{(11)}m_{012}^{(10)}m_{211}^{(00)}-m_{002}^{(11)}m_{012}^{(11)}m_{400}^{(20)}+m_{002}^{(11)}m_{012}^{(11)}m_{301}^{(00)}\\
&+m_{002}^{(11)}m_{012}^{(20)}m_{310}^{(10)}-m_{002}^{(11)}m_{012}^{(20)}m_{220}^{(00)}-m_{002}^{(11)}m_{012}^{(21)}m_{400}^{(10)}+m_{002}^{(11)}m_{012}^{(21)}m_{310}^{(00)}\\
&+m_{002}^{(11)}m_{003}^{(00)}m_{220}^{(10)}-m_{002}^{(11)}m_{003}^{(00)}m_{130}^{(00)}-2m_{002}^{(11)}m_{003}^{(10)}m_{310}^{(10)}+2m_{002}^{(11)}m_{003}^{(10)}m_{220}^{(00)}\\
&+m_{002}^{(11)}m_{003}^{(11)}m_{400}^{(10)}-m_{002}^{(11)}m_{003}^{(11)}m_{310}^{(00)}-m_{002}^{(20)}m_{300}^{(10)}m_{031}^{(21)}+m_{002}^{(20)}m_{300}^{(10)}m_{022}^{(11)}\\
&+m_{002}^{(20)}m_{300}^{(11)}m_{121}^{(21)}-m_{002}^{(20)}m_{300}^{(11)}m_{112}^{(11)}+m_{002}^{(20)}m_{300}^{(20)}m_{040}^{(21)}-m_{002}^{(20)}m_{300}^{(20)}m_{031}^{(11)}\\
&-m_{002}^{(20)}m_{300}^{(21)}m_{130}^{(21)}+m_{002}^{(20)}m_{300}^{(21)}m_{121}^{(11)}+m_{002}^{(20)}m_{210}^{(00)}m_{031}^{(21)}-m_{002}^{(20)}m_{210}^{(00)}m_{022}^{(11)}\\
&+m_{002}^{(20)}m_{210}^{(10)}m_{121}^{(21)}-m_{002}^{(20)}m_{210}^{(10)}m_{022}^{(10)}-2m_{002}^{(20)}m_{210}^{(11)}m_{211}^{(21)}+m_{002}^{(20)}m_{210}^{(11)}m_{202}^{(11)}\\
&+m_{002}^{(20)}m_{210}^{(11)}m_{112}^{(10)}-3m_{002}^{(20)}m_{210}^{(20)}m_{130}^{(21)}+2m_{002}^{(20)}m_{210}^{(20)}m_{121}^{(11)}+m_{002}^{(20)}m_{210}^{(20)}m_{031}^{(10)}\\
&+3m_{002}^{(20)}m_{210}^{(21)}m_{220}^{(21)}-2m_{002}^{(20)}m_{210}^{(21)}m_{211}^{(11)}-m_{002}^{(20)}m_{210}^{(21)}m_{121}^{(10)}-m_{002}^{(20)}m_{201}^{(00)}m_{040}^{(21)}
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&+m_{002}^{(20)}m_{201}^{(00)}m_{031}^{(11)}+2m_{002}^{(20)}m_{201}^{(10)}m_{130}^{(21)}-3m_{002}^{(20)}m_{201}^{(10)}m_{121}^{(11)}+m_{002}^{(20)}m_{201}^{(10)}m_{031}^{(10)}\\
&-m_{002}^{(20)}m_{201}^{(11)}m_{220}^{(21)}+2m_{002}^{(20)}m_{201}^{(11)}m_{211}^{(11)}-m_{002}^{(20)}m_{201}^{(11)}m_{121}^{(10)}+m_{002}^{(20)}m_{201}^{(20)}m_{130}^{(11)}\\
&-m_{002}^{(20)}m_{201}^{(20)}m_{040}^{(10)}-m_{002}^{(20)}m_{201}^{(21)}m_{220}^{(11)}+m_{002}^{(20)}m_{201}^{(21)}m_{130}^{(10)}-2m_{002}^{(20)}m_{120}^{(00)}m_{121}^{(21)}\\
&+m_{002}^{(20)}m_{120}^{(00)}m_{112}^{(11)}+m_{002}^{(20)}m_{120}^{(00)}m_{022}^{(10)}+m_{002}^{(20)}m_{120}^{(10)}m_{211}^{(21)}-m_{002}^{(20)}m_{120}^{(10)}m_{202}^{(11)}\\
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&+2m_{002}^{(20)}m_{111}^{(00)}m_{130}^{(21)}-2m_{002}^{(20)}m_{111}^{(00)}m_{031}^{(10)}-4m_{002}^{(20)}m_{111}^{(10)}m_{220}^{(21)}+2m_{002}^{(20)}m_{111}^{(10)}m_{211}^{(11)}\\
&+2m_{002}^{(20)}m_{111}^{(10)}m_{121}^{(10)}+2m_{002}^{(20)}m_{111}^{(11)}m_{310}^{(21)}-2m_{002}^{(20)}m_{111}^{(11)}m_{301}^{(11)}-2m_{002}^{(20)}m_{111}^{(20)}m_{220}^{(11)}\\
&+2m_{002}^{(20)}m_{111}^{(20)}m_{130}^{(10)}+2m_{002}^{(20)}m_{111}^{(21)}m_{310}^{(11)}-2m_{002}^{(20)}m_{111}^{(21)}m_{220}^{(10)}-m_{002}^{(20)}m_{102}^{(00)}m_{130}^{(11)}\\
&+m_{002}^{(20)}m_{102}^{(00)}m_{040}^{(10)}+2m_{002}^{(20)}m_{102}^{(10)}m_{220}^{(11)}-2m_{002}^{(20)}m_{102}^{(10)}m_{130}^{(10)}-m_{002}^{(20)}m_{102}^{(11)}m_{310}^{(11)}\\
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&+m_{002}^{(20)}m_{030}^{(10)}m_{202}^{(10)}-m_{002}^{(20)}m_{030}^{(20)}m_{310}^{(21)}+m_{002}^{(20)}m_{030}^{(20)}m_{211}^{(10)}+m_{002}^{(20)}m_{030}^{(21)}m_{400}^{(21)}\\
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&+m_{002}^{(21)}m_{210}^{(00)}m_{022}^{(10)}-m_{002}^{(21)}m_{210}^{(10)}m_{121}^{(20)}+m_{002}^{(21)}m_{210}^{(10)}m_{022}^{(00)}+2m_{002}^{(21)}m_{210}^{(11)}m_{211}^{(20)}\\
&-m_{002}^{(21)}m_{210}^{(11)}m_{202}^{(10)}-m_{002}^{(21)}m_{210}^{(11)}m_{112}^{(00)}+3m_{002}^{(21)}m_{210}^{(20)}m_{130}^{(20)}-2m_{002}^{(21)}m_{210}^{(20)}m_{121}^{(10)}\\
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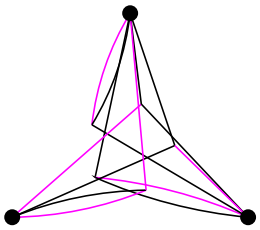
&+m_{002}^{(21)}m_{201}^{(00)}m_{040}^{(20)}-m_{002}^{(21)}m_{201}^{(00)}m_{031}^{(10)}-2m_{002}^{(21)}m_{201}^{(10)}m_{130}^{(20)}+3m_{002}^{(21)}m_{201}^{(10)}m_{121}^{(10)}\\
&-m_{002}^{(21)}m_{201}^{(10)}m_{031}^{(00)}+m_{002}^{(21)}m_{201}^{(11)}m_{220}^{(20)}-2m_{002}^{(21)}m_{201}^{(11)}m_{211}^{(10)}+m_{002}^{(21)}m_{201}^{(11)}m_{121}^{(00)}\\
&-m_{002}^{(21)}m_{201}^{(20)}m_{130}^{(10)}+m_{002}^{(21)}m_{201}^{(20)}m_{040}^{(00)}+m_{002}^{(21)}m_{201}^{(21)}m_{220}^{(10)}-m_{002}^{(21)}m_{201}^{(21)}m_{130}^{(00)}\\
&+2m_{002}^{(21)}m_{120}^{(00)}m_{121}^{(20)}-m_{002}^{(21)}m_{120}^{(00)}m_{112}^{(10)}-m_{002}^{(21)}m_{120}^{(00)}m_{022}^{(00)}-m_{002}^{(21)}m_{120}^{(10)}m_{211}^{(20)}\\
&+m_{002}^{(21)}m_{120}^{(10)}m_{202}^{(10)}-m_{002}^{(21)}m_{120}^{(11)}m_{301}^{(20)}+m_{002}^{(21)}m_{120}^{(11)}m_{202}^{(00)}-3m_{002}^{(21)}m_{120}^{(20)}m_{220}^{(20)}\\
&+m_{002}^{(21)}m_{120}^{(20)}m_{211}^{(10)}+2m_{002}^{(21)}m_{120}^{(20)}m_{121}^{(00)}+3m_{002}^{(21)}m_{120}^{(21)}m_{310}^{(20)}-m_{002}^{(21)}m_{120}^{(21)}m_{301}^{(10)}\\
&-2m_{002}^{(21)}m_{120}^{(21)}m_{211}^{(00)}-2m_{002}^{(21)}m_{111}^{(00)}m_{130}^{(20)}+2m_{002}^{(21)}m_{111}^{(00)}m_{031}^{(00)}+4m_{002}^{(21)}m_{111}^{(10)}m_{220}^{(20)}\\
&-2m_{002}^{(21)}m_{111}^{(10)}m_{211}^{(10)}-2m_{002}^{(21)}m_{111}^{(10)}m_{121}^{(00)}-2m_{002}^{(21)}m_{111}^{(11)}m_{310}^{(20)}+2m_{002}^{(21)}m_{111}^{(11)}m_{301}^{(10)}\\
&+2m_{002}^{(21)}m_{111}^{(20)}m_{220}^{(10)}-2m_{002}^{(21)}m_{111}^{(20)}m_{130}^{(00)}-2m_{002}^{(21)}m_{111}^{(21)}m_{310}^{(10)}+2m_{002}^{(21)}m_{111}^{(21)}m_{220}^{(00)}\\
&+m_{002}^{(21)}m_{102}^{(00)}m_{130}^{(10)}-m_{002}^{(21)}m_{102}^{(00)}m_{040}^{(00)}-2m_{002}^{(21)}m_{102}^{(10)}m_{220}^{(10)}+2m_{002}^{(21)}m_{102}^{(10)}m_{130}^{(00)}\\
&+m_{002}^{(21)}m_{102}^{(11)}m_{310}^{(10)}-m_{002}^{(21)}m_{102}^{(11)}m_{220}^{(00)}-m_{002}^{(21)}m_{030}^{(00)}m_{211}^{(20)}+m_{002}^{(21)}m_{030}^{(00)}m_{112}^{(00)}\\
&+m_{002}^{(21)}m_{030}^{(10)}m_{301}^{(20)}-m_{002}^{(21)}m_{030}^{(10)}m_{202}^{(00)}+m_{002}^{(21)}m_{030}^{(20)}m_{310}^{(20)}-m_{002}^{(21)}m_{030}^{(20)}m_{211}^{(00)}\\
&-m_{002}^{(21)}m_{030}^{(21)}m_{400}^{(20)}+m_{002}^{(21)}m_{030}^{(21)}m_{301}^{(00)}+m_{002}^{(21)}m_{021}^{(00)}m_{220}^{(20)}+m_{002}^{(21)}m_{021}^{(00)}m_{211}^{(10)}\\
&-2m_{002}^{(21)}m_{021}^{(00)}m_{121}^{(00)}-2m_{002}^{(21)}m_{021}^{(10)}m_{310}^{(20)}-m_{002}^{(21)}m_{021}^{(10)}m_{301}^{(10)}+3m_{002}^{(21)}m_{021}^{(10)}m_{211}^{(00)}\\
&+m_{002}^{(21)}m_{021}^{(11)}m_{400}^{(20)}-m_{002}^{(21)}m_{021}^{(11)}m_{301}^{(00)}-m_{002}^{(21)}m_{021}^{(20)}m_{310}^{(10)}+m_{002}^{(21)}m_{021}^{(20)}m_{220}^{(00)}\\
&+m_{002}^{(21)}m_{021}^{(21)}m_{400}^{(10)}-m_{002}^{(21)}m_{021}^{(21)}m_{310}^{(00)}-m_{002}^{(21)}m_{012}^{(00)}m_{220}^{(10)}+m_{002}^{(21)}m_{012}^{(00)}m_{130}^{(00)}\\
&+2m_{002}^{(21)}m_{012}^{(10)}m_{310}^{(10)}-2m_{002}^{(21)}m_{012}^{(10)}m_{220}^{(00)}-m_{002}^{(21)}m_{012}^{(11)}m_{400}^{(10)}+m_{002}^{(21)}m_{012}^{(11)}m_{310}^{(00)}
\end{aligned}
$$

Generating graph:

$V1$	1	$V1$	$V2$	2
1	2	2	2	$V3$
$V2$	$V3$	3	3	3



$$
\begin{aligned}
T_{140} \;=\;& -m_{200}^{(10)} m_{210}^{(11)} m_{013}^{(22)} + m_{200}^{(10)} m_{210}^{(11)} m_{004}^{(21)} + m_{200}^{(10)} m_{210}^{(21)} m_{022}^{(22)} - m_{200}^{(10)} m_{210}^{(21)} m_{004}^{(11)} \\
& -m_{200}^{(10)} m_{210}^{(22)} m_{022}^{(21)} + m_{200}^{(10)} m_{210}^{(22)} m_{013}^{(11)} + m_{200}^{(10)} m_{201}^{(11)} m_{022}^{(22)} - m_{200}^{(10)} m_{201}^{(11)} m_{013}^{(21)} \\
& -m_{200}^{(10)} m_{201}^{(21)} m_{031}^{(22)} + m_{200}^{(10)} m_{201}^{(21)} m_{013}^{(11)} + m_{200}^{(10)} m_{201}^{(22)} m_{031}^{(21)} - m_{200}^{(10)} m_{201}^{(22)} m_{022}^{(11)} \\
& +m_{200}^{(10)} m_{120}^{(10)} m_{013}^{(22)} - m_{200}^{(10)} m_{120}^{(10)} m_{004}^{(21)} + m_{200}^{(10)} m_{120}^{(11)} m_{103}^{(22)} - m_{200}^{(10)} m_{120}^{(11)} m_{004}^{(20)} \\
& -m_{200}^{(10)} m_{120}^{(20)} m_{022}^{(22)} + m_{200}^{(10)} m_{120}^{(20)} m_{013}^{(21)} - m_{200}^{(10)} m_{120}^{(21)} m_{112}^{(22)} - m_{200}^{(10)} m_{120}^{(21)} m_{103}^{(21)} \\
& +2m_{200}^{(10)} m_{120}^{(21)} m_{004}^{(10)} + m_{200}^{(10)} m_{120}^{(22)} m_{112}^{(21)} + m_{200}^{(10)} m_{120}^{(22)} m_{022}^{(20)} - 2m_{200}^{(10)} m_{120}^{(22)} m_{013}^{(10)} \\
& -m_{200}^{(10)} m_{111}^{(10)} m_{022}^{(22)} + m_{200}^{(10)} m_{111}^{(10)} m_{004}^{(11)} - m_{200}^{(10)} m_{111}^{(11)} m_{112}^{(22)} - m_{200}^{(10)} m_{111}^{(11)} m_{103}^{(21)} \\
& +3m_{200}^{(10)} m_{111}^{(11)} m_{013}^{(20)} - m_{200}^{(10)} m_{111}^{(11)} m_{004}^{(10)} + m_{200}^{(10)} m_{111}^{(20)} m_{031}^{(22)} - m_{200}^{(10)} m_{111}^{(20)} m_{013}^{(11)} \\
& +m_{200}^{(10)} m_{111}^{(21)} m_{121}^{(22)} + 2m_{200}^{(10)} m_{111}^{(21)} m_{112}^{(21)} + m_{200}^{(10)} m_{111}^{(21)} m_{103}^{(11)} - 2m_{200}^{(10)} m_{111}^{(21)} m_{022}^{(20)} \\
& -2m_{200}^{(10)} m_{111}^{(21)} m_{013}^{(10)} - m_{200}^{(10)} m_{111}^{(22)} m_{121}^{(21)} - m_{200}^{(10)} m_{111}^{(22)} m_{112}^{(11)} - m_{200}^{(10)} m_{111}^{(22)} m_{031}^{(20)} \\
& +3m_{200}^{(10)} m_{111}^{(22)} m_{022}^{(10)} + m_{200}^{(10)} m_{102}^{(10)} m_{022}^{(21)} - m_{200}^{(10)} m_{102}^{(10)} m_{013}^{(11)} + m_{200}^{(10)} m_{102}^{(11)} m_{112}^{(21)} \\
& -2m_{200}^{(10)} m_{102}^{(11)} m_{022}^{(20)} + m_{200}^{(10)} m_{102}^{(11)} m_{013}^{(10)} - m_{200}^{(10)} m_{102}^{(20)} m_{031}^{(21)} + m_{200}^{(10)} m_{102}^{(20)} m_{022}^{(11)} \\
& -m_{200}^{(10)} m_{102}^{(21)} m_{121}^{(21)} - m_{200}^{(10)} m_{102}^{(21)} m_{112}^{(11)} + 2m_{200}^{(10)} m_{102}^{(21)} m_{031}^{(20)} + m_{200}^{(10)} m_{102}^{(22)} m_{121}^{(11)} \\
& -m_{200}^{(10)} m_{102}^{(22)} m_{031}^{(10)} - m_{200}^{(10)} m_{030}^{(10)} m_{103}^{(22)} + m_{200}^{(10)} m_{030}^{(10)} m_{004}^{(20)} + m_{200}^{(10)} m_{030}^{(20)} m_{112}^{(22)} \\
& -m_{200}^{(10)} m_{030}^{(20)} m_{013}^{(20)} + m_{200}^{(10)} m_{030}^{(21)} m_{103}^{(20)} - m_{200}^{(10)} m_{030}^{(21)} m_{004}^{(00)} - m_{200}^{(10)} m_{030}^{(22)} m_{112}^{(20)} \\
& +m_{200}^{(10)} m_{030}^{(22)} m_{013}^{(00)} + m_{200}^{(10)} m_{021}^{(10)} m_{112}^{(22)} + 2m_{200}^{(10)} m_{021}^{(10)} m_{103}^{(21)} - 2m_{200}^{(10)} m_{021}^{(10)} m_{013}^{(20)} \\
& -m_{200}^{(10)} m_{021}^{(10)} m_{004}^{(10)} - m_{200}^{(10)} m_{021}^{(11)} m_{103}^{(20)} + m_{200}^{(10)} m_{021}^{(11)} m_{004}^{(00)} - m_{200}^{(10)} m_{021}^{(20)} m_{121}^{(22)} \\
& -2m_{200}^{(10)} m_{021}^{(20)} m_{112}^{(21)} + 2m_{200}^{(10)} m_{021}^{(20)} m_{022}^{(20)} + m_{200}^{(10)} m_{021}^{(20)} m_{013}^{(10)} - m_{200}^{(10)} m_{021}^{(21)} m_{103}^{(10)} \\
& +m_{200}^{(10)} m_{021}^{(21)} m_{013}^{(00)} + m_{200}^{(10)} m_{021}^{(22)} m_{121}^{(20)} + m_{200}^{(10)} m_{021}^{(22)} m_{112}^{(10)} - 2m_{200}^{(10)} m_{021}^{(22)} m_{022}^{(00)} \\
& -2m_{200}^{(10)} m_{012}^{(10)} m_{112}^{(21)} - m_{200}^{(10)} m_{012}^{(10)} m_{103}^{(11)} + m_{200}^{(10)} m_{012}^{(10)} m_{022}^{(20)} + 2m_{200}^{(10)} m_{012}^{(10)} m_{013}^{(10)} \\
& +m_{200}^{(10)} m_{012}^{(11)} m_{112}^{(20)} + m_{200}^{(10)} m_{012}^{(11)} m_{103}^{(10)} - 2m_{200}^{(10)} m_{012}^{(11)} m_{013}^{(00)} + 2m_{200}^{(10)} m_{012}^{(20)} m_{121}^{(21)} \\
& +m_{200}^{(10)} m_{012}^{(20)} m_{112}^{(11)} - m_{200}^{(10)} m_{012}^{(20)} m_{031}^{(20)} - 2m_{200}^{(10)} m_{012}^{(20)} m_{022}^{(10)} - m_{200}^{(10)} m_{012}^{(21)} m_{121}^{(20)}
\end{aligned}
$$

$$
\begin{aligned}
&+m_{200}^{(10)}m_{012}^{(21)}m_{022}^{(00)} - m_{200}^{(10)}m_{012}^{(22)}m_{121}^{(10)} + m_{200}^{(10)}m_{012}^{(22)}m_{031}^{(00)} + m_{200}^{(10)}m_{003}^{(10)}m_{112}^{(11)}\\
&-m_{200}^{(10)}m_{003}^{(10)}m_{022}^{(10)} - m_{200}^{(10)}m_{003}^{(11)}m_{112}^{(10)} + m_{200}^{(10)}m_{003}^{(11)}m_{022}^{(00)} - m_{200}^{(10)}m_{003}^{(20)}m_{121}^{(11)}\\
&+m_{200}^{(10)}m_{003}^{(20)}m_{031}^{(10)} + m_{200}^{(10)}m_{003}^{(21)}m_{121}^{(10)} - m_{200}^{(10)}m_{003}^{(21)}m_{031}^{(00)} + m_{200}^{(11)}m_{300}^{(11)}m_{013}^{(22)}\\
&-m_{200}^{(11)}m_{300}^{(11)}m_{004}^{(21)} - m_{200}^{(11)}m_{300}^{(21)}m_{022}^{(22)} + m_{200}^{(11)}m_{300}^{(21)}m_{004}^{(11)} + m_{200}^{(11)}m_{300}^{(22)}m_{022}^{(21)}\\
&-m_{200}^{(11)}m_{300}^{(22)}m_{013}^{(11)} - m_{200}^{(11)}m_{210}^{(10)}m_{013}^{(22)} + m_{200}^{(11)}m_{210}^{(10)}m_{004}^{(21)} - m_{200}^{(11)}m_{210}^{(11)}m_{103}^{(22)}\\
&+m_{200}^{(11)}m_{210}^{(11)}m_{004}^{(20)} + m_{200}^{(11)}m_{210}^{(20)}m_{022}^{(22)} - m_{200}^{(11)}m_{210}^{(20)}m_{013}^{(21)} + m_{200}^{(11)}m_{210}^{(21)}m_{112}^{(22)}\\
&+m_{200}^{(11)}m_{210}^{(21)}m_{103}^{(21)} - 2m_{200}^{(11)}m_{210}^{(21)}m_{004}^{(10)} - m_{200}^{(11)}m_{210}^{(22)}m_{112}^{(21)} - m_{200}^{(11)}m_{210}^{(22)}m_{022}^{(20)}\\
&+2m_{200}^{(11)}m_{210}^{(22)}m_{013}^{(10)} + m_{200}^{(11)}m_{201}^{(10)}m_{013}^{(21)} - m_{200}^{(11)}m_{201}^{(10)}m_{004}^{(11)} - m_{200}^{(11)}m_{201}^{(11)}m_{112}^{(22)}\\
&+2m_{200}^{(11)}m_{201}^{(11)}m_{103}^{(21)} - 2m_{200}^{(11)}m_{201}^{(11)}m_{013}^{(20)} + m_{200}^{(11)}m_{201}^{(11)}m_{004}^{(10)} - m_{200}^{(11)}m_{201}^{(20)}m_{022}^{(21)}\\
&+m_{200}^{(11)}m_{201}^{(20)}m_{013}^{(11)} + m_{200}^{(11)}m_{201}^{(21)}m_{121}^{(22)} - m_{200}^{(11)}m_{201}^{(21)}m_{112}^{(21)} - 2m_{200}^{(11)}m_{201}^{(21)}m_{103}^{(11)}\\
&+2m_{200}^{(11)}m_{201}^{(21)}m_{022}^{(20)} - m_{200}^{(11)}m_{201}^{(22)}m_{121}^{(21)} + 2m_{200}^{(11)}m_{201}^{(22)}m_{112}^{(11)} - m_{200}^{(11)}m_{201}^{(22)}m_{022}^{(10)}\\
&+m_{200}^{(11)}m_{120}^{(10)}m_{103}^{(22)} - m_{200}^{(11)}m_{120}^{(10)}m_{004}^{(20)} - m_{200}^{(11)}m_{120}^{(20)}m_{112}^{(22)} + m_{200}^{(11)}m_{120}^{(20)}m_{013}^{(20)}\\
&-m_{200}^{(11)}m_{120}^{(21)}m_{103}^{(20)} + m_{200}^{(11)}m_{120}^{(21)}m_{004}^{(00)} + m_{200}^{(11)}m_{120}^{(22)}m_{112}^{(20)} - m_{200}^{(11)}m_{120}^{(22)}m_{013}^{(00)}\\
&+m_{200}^{(11)}m_{111}^{(10)}m_{112}^{(22)} - 3m_{200}^{(11)}m_{111}^{(10)}m_{103}^{(21)} + m_{200}^{(11)}m_{111}^{(10)}m_{013}^{(20)} + m_{200}^{(11)}m_{111}^{(10)}m_{004}^{(10)}\\
&+m_{200}^{(11)}m_{111}^{(11)}m_{202}^{(22)} - m_{200}^{(11)}m_{111}^{(11)}m_{004}^{(00)} - m_{200}^{(11)}m_{111}^{(20)}m_{121}^{(22)} + 3m_{200}^{(11)}m_{111}^{(20)}m_{112}^{(21)}\\
&-m_{200}^{(11)}m_{111}^{(20)}m_{022}^{(20)} - m_{200}^{(11)}m_{111}^{(20)}m_{013}^{(10)} - m_{200}^{(11)}m_{111}^{(21)}m_{211}^{(22)} - m_{200}^{(11)}m_{111}^{(21)}m_{202}^{(21)}\\
&-m_{200}^{(11)}m_{111}^{(21)}m_{112}^{(20)} + 3m_{200}^{(11)}m_{111}^{(21)}m_{103}^{(10)} + m_{200}^{(11)}m_{111}^{(22)}m_{211}^{(21)} + m_{200}^{(11)}m_{111}^{(22)}m_{121}^{(20)}\\
&-3m_{200}^{(11)}m_{111}^{(22)}m_{112}^{(10)} + m_{200}^{(11)}m_{111}^{(22)}m_{022}^{(00)} - m_{200}^{(11)}m_{102}^{(10)}m_{112}^{(21)} + 2m_{200}^{(11)}m_{102}^{(10)}m_{103}^{(11)}\\
&-m_{200}^{(11)}m_{102}^{(10)}m_{013}^{(10)} - m_{200}^{(11)}m_{102}^{(11)}m_{202}^{(21)} + 2m_{200}^{(11)}m_{102}^{(11)}m_{112}^{(20)} - 2m_{200}^{(11)}m_{102}^{(11)}m_{103}^{(10)}\\
&+m_{200}^{(11)}m_{102}^{(11)}m_{013}^{(00)} + m_{200}^{(11)}m_{102}^{(20)}m_{121}^{(21)} - 2m_{200}^{(11)}m_{102}^{(20)}m_{112}^{(11)} + m_{200}^{(11)}m_{102}^{(20)}m_{022}^{(10)}\\
&+m_{200}^{(11)}m_{102}^{(21)}m_{211}^{(21)} + m_{200}^{(11)}m_{102}^{(21)}m_{202}^{(11)} - 2m_{200}^{(11)}m_{102}^{(21)}m_{121}^{(20)} + m_{200}^{(11)}m_{102}^{(21)}m_{112}^{(10)}\\
&-m_{200}^{(11)}m_{102}^{(21)}m_{022}^{(00)} - m_{200}^{(11)}m_{102}^{(22)}m_{211}^{(11)} + m_{200}^{(11)}m_{102}^{(22)}m_{121}^{(10)} - m_{200}^{(11)}m_{021}^{(10)}m_{202}^{(22)}\\
&+m_{200}^{(11)}m_{021}^{(10)}m_{103}^{(20)} + m_{200}^{(11)}m_{021}^{(20)}m_{211}^{(22)} - m_{200}^{(11)}m_{021}^{(20)}m_{112}^{(20)} + m_{200}^{(11)}m_{021}^{(21)}m_{202}^{(20)}\\
&-m_{200}^{(11)}m_{021}^{(21)}m_{103}^{(00)} - m_{200}^{(11)}m_{021}^{(22)}m_{211}^{(20)} + m_{200}^{(11)}m_{021}^{(22)}m_{112}^{(00)} + 2m_{200}^{(11)}m_{012}^{(10)}m_{202}^{(21)}\\
&-m_{200}^{(11)}m_{012}^{(10)}m_{112}^{(20)} - m_{200}^{(11)}m_{012}^{(10)}m_{103}^{(10)} - m_{200}^{(11)}m_{012}^{(11)}m_{202}^{(20)} + m_{200}^{(11)}m_{012}^{(11)}m_{103}^{(00)}\\
&-2m_{200}^{(11)}m_{012}^{(20)}m_{211}^{(21)} + m_{200}^{(11)}m_{012}^{(20)}m_{121}^{(20)} + m_{200}^{(11)}m_{012}^{(20)}m_{112}^{(10)} + m_{200}^{(11)}m_{012}^{(21)}m_{211}^{(20)}\\
&-m_{200}^{(11)}m_{012}^{(21)}m_{202}^{(10)} + m_{200}^{(11)}m_{012}^{(22)}m_{211}^{(10)} - m_{200}^{(11)}m_{012}^{(22)}m_{121}^{(00)} - m_{200}^{(11)}m_{003}^{(10)}m_{202}^{(11)}\\
&+m_{200}^{(11)}m_{003}^{(10)}m_{112}^{(10)} + m_{200}^{(11)}m_{003}^{(11)}m_{202}^{(10)} - m_{200}^{(11)}m_{003}^{(11)}m_{112}^{(00)} + m_{200}^{(11)}m_{003}^{(20)}m_{211}^{(11)}\\
&-m_{200}^{(11)}m_{003}^{(20)}m_{121}^{(10)} - m_{200}^{(11)}m_{003}^{(21)}m_{211}^{(10)} + m_{200}^{(11)}m_{003}^{(21)}m_{121}^{(00)} + m_{200}^{(20)}m_{210}^{(11)}m_{022}^{(22)}\\
&-m_{200}^{(20)}m_{210}^{(11)}m_{013}^{(21)} - m_{200}^{(20)}m_{210}^{(21)}m_{031}^{(22)} + m_{200}^{(20)}m_{210}^{(21)}m_{013}^{(11)} + m_{200}^{(20)}m_{210}^{(22)}m_{031}^{(21)}\\
&-m_{200}^{(20)}m_{210}^{(22)}m_{022}^{(11)} - m_{200}^{(20)}m_{201}^{(11)}m_{031}^{(22)} + m_{200}^{(20)}m_{201}^{(11)}m_{022}^{(21)} + m_{200}^{(20)}m_{201}^{(21)}m_{040}^{(22)}\\
&-m_{200}^{(20)}m_{201}^{(21)}m_{022}^{(11)} - m_{200}^{(20)}m_{201}^{(22)}m_{040}^{(21)} + m_{200}^{(20)}m_{201}^{(22)}m_{031}^{(11)} - m_{200}^{(20)}m_{120}^{(10)}m_{022}^{(22)}\\
&+m_{200}^{(20)}m_{120}^{(10)}m_{013}^{(21)} - m_{200}^{(20)}m_{120}^{(11)}m_{112}^{(22)} + m_{200}^{(20)}m_{120}^{(11)}m_{013}^{(20)} + m_{200}^{(20)}m_{120}^{(20)}m_{031}^{(22)}\\
&-m_{200}^{(20)}m_{120}^{(20)}m_{022}^{(21)} + m_{200}^{(20)}m_{120}^{(21)}m_{121}^{(22)} + m_{200}^{(20)}m_{120}^{(21)}m_{112}^{(21)} - 2m_{200}^{(20)}m_{120}^{(21)}m_{013}^{(10)}\\
&-m_{200}^{(20)}m_{120}^{(22)}m_{121}^{(21)} - m_{200}^{(20)}m_{120}^{(22)}m_{031}^{(20)} + 2m_{200}^{(20)}m_{120}^{(22)}m_{022}^{(10)} + m_{200}^{(20)}m_{111}^{(10)}m_{031}^{(22)}\\
&-m_{200}^{(20)}m_{111}^{(10)}m_{013}^{(11)} + m_{200}^{(20)}m_{111}^{(11)}m_{121}^{(22)} + m_{200}^{(20)}m_{111}^{(11)}m_{112}^{(21)} - 3m_{200}^{(20)}m_{111}^{(11)}m_{022}^{(20)}\\
&+m_{200}^{(20)}m_{111}^{(11)}m_{013}^{(10)} - m_{200}^{(20)}m_{111}^{(20)}m_{040}^{(22)} + m_{200}^{(20)}m_{111}^{(20)}m_{022}^{(11)} - m_{200}^{(20)}m_{111}^{(21)}m_{130}^{(22)}\\
&-2m_{200}^{(20)}m_{111}^{(21)}m_{121}^{(21)} - m_{200}^{(20)}m_{111}^{(21)}m_{112}^{(11)} + 2m_{200}^{(20)}m_{111}^{(21)}m_{031}^{(20)} + 2m_{200}^{(20)}m_{111}^{(21)}m_{022}^{(10)}
\end{aligned}
$$

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\begin{aligned}
&+m_{200}^{(20)}m_{111}^{(22)}m_{130}^{(21)}+m_{200}^{(20)}m_{111}^{(22)}m_{121}^{(11)}+m_{200}^{(20)}m_{111}^{(22)}m_{040}^{(20)}-3m_{200}^{(20)}m_{111}^{(22)}m_{031}^{(10)}\\
&-m_{200}^{(20)}m_{102}^{(10)}m_{031}^{(21)}+m_{200}^{(20)}m_{102}^{(10)}m_{022}^{(11)}-m_{200}^{(20)}m_{102}^{(11)}m_{121}^{(21)}+2m_{200}^{(20)}m_{102}^{(11)}m_{031}^{(20)}\\
&-m_{200}^{(20)}m_{102}^{(11)}m_{022}^{(10)}+m_{200}^{(20)}m_{102}^{(20)}m_{040}^{(21)}-m_{200}^{(20)}m_{102}^{(20)}m_{031}^{(11)}+m_{200}^{(20)}m_{102}^{(21)}m_{130}^{(21)}\\
&+m_{200}^{(20)}m_{102}^{(21)}m_{121}^{(11)}-2m_{200}^{(20)}m_{102}^{(21)}m_{040}^{(20)}-m_{200}^{(20)}m_{102}^{(22)}m_{130}^{(11)}+m_{200}^{(20)}m_{102}^{(22)}m_{040}^{(10)}\\
&+m_{200}^{(20)}m_{030}^{(10)}m_{112}^{(22)}-m_{200}^{(20)}m_{030}^{(10)}m_{013}^{(20)}-m_{200}^{(20)}m_{030}^{(20)}m_{121}^{(22)}+m_{200}^{(20)}m_{030}^{(20)}m_{022}^{(20)}\\
&-m_{200}^{(20)}m_{030}^{(21)}m_{112}^{(20)}+m_{200}^{(20)}m_{030}^{(21)}m_{013}^{(00)}+m_{200}^{(20)}m_{030}^{(22)}m_{121}^{(20)}-m_{200}^{(20)}m_{030}^{(22)}m_{022}^{(00)}\\
&-m_{200}^{(20)}m_{021}^{(10)}m_{121}^{(22)}-2m_{200}^{(20)}m_{021}^{(10)}m_{112}^{(21)}+2m_{200}^{(20)}m_{021}^{(10)}m_{022}^{(20)}+m_{200}^{(20)}m_{021}^{(10)}m_{013}^{(10)}\\
&+m_{200}^{(20)}m_{021}^{(11)}m_{112}^{(20)}-m_{200}^{(20)}m_{021}^{(11)}m_{013}^{(00)}+m_{200}^{(20)}m_{021}^{(20)}m_{130}^{(22)}+2m_{200}^{(20)}m_{021}^{(20)}m_{121}^{(21)}\\
&-2m_{200}^{(20)}m_{021}^{(20)}m_{031}^{(20)}-m_{200}^{(20)}m_{021}^{(20)}m_{022}^{(10)}+m_{200}^{(20)}m_{021}^{(21)}m_{112}^{(10)}-m_{200}^{(20)}m_{021}^{(21)}m_{022}^{(00)}\\
&-m_{200}^{(20)}m_{021}^{(22)}m_{130}^{(20)}-m_{200}^{(20)}m_{021}^{(22)}m_{121}^{(10)}+2m_{200}^{(20)}m_{021}^{(22)}m_{031}^{(00)}+2m_{200}^{(20)}m_{012}^{(10)}m_{121}^{(21)}\\
&+m_{200}^{(20)}m_{012}^{(10)}m_{112}^{(11)}-m_{200}^{(20)}m_{012}^{(10)}m_{031}^{(20)}-2m_{200}^{(20)}m_{012}^{(10)}m_{022}^{(10)}-m_{200}^{(20)}m_{012}^{(11)}m_{121}^{(20)}\\
&-m_{200}^{(20)}m_{012}^{(11)}m_{112}^{(10)}+2m_{200}^{(20)}m_{012}^{(11)}m_{022}^{(00)}-2m_{200}^{(20)}m_{012}^{(20)}m_{130}^{(21)}-m_{200}^{(20)}m_{012}^{(20)}m_{121}^{(11)}\\
&+m_{200}^{(20)}m_{012}^{(20)}m_{040}^{(20)}+2m_{200}^{(20)}m_{012}^{(20)}m_{031}^{(10)}+m_{200}^{(20)}m_{012}^{(21)}m_{130}^{(20)}-m_{200}^{(20)}m_{012}^{(21)}m_{031}^{(00)}\\
&+m_{200}^{(20)}m_{012}^{(22)}m_{130}^{(10)}-m_{200}^{(20)}m_{012}^{(22)}m_{040}^{(00)}-m_{200}^{(20)}m_{003}^{(10)}m_{121}^{(11)}+m_{200}^{(20)}m_{003}^{(10)}m_{031}^{(10)}\\
&+m_{200}^{(20)}m_{003}^{(11)}m_{121}^{(10)}-m_{200}^{(20)}m_{003}^{(11)}m_{031}^{(00)}+m_{200}^{(20)}m_{003}^{(20)}m_{130}^{(11)}-m_{200}^{(20)}m_{003}^{(20)}m_{040}^{(10)}\\
&-m_{200}^{(20)}m_{003}^{(21)}m_{130}^{(10)}+m_{200}^{(20)}m_{003}^{(21)}m_{040}^{(00)}-2m_{200}^{(21)}m_{300}^{(11)}m_{022}^{(22)}+2m_{200}^{(21)}m_{300}^{(11)}m_{013}^{(21)}\\
&+2m_{200}^{(21)}m_{300}^{(21)}m_{031}^{(22)}-2m_{200}^{(21)}m_{300}^{(21)}m_{013}^{(11)}-2m_{200}^{(21)}m_{300}^{(22)}m_{031}^{(21)}+2m_{200}^{(21)}m_{300}^{(22)}m_{022}^{(11)}\\
&+2m_{200}^{(21)}m_{210}^{(10)}m_{022}^{(22)}-2m_{200}^{(21)}m_{210}^{(10)}m_{013}^{(21)}+3m_{200}^{(21)}m_{210}^{(11)}m_{112}^{(22)}-m_{200}^{(21)}m_{210}^{(11)}m_{103}^{(21)}\\
&-2m_{200}^{(21)}m_{210}^{(11)}m_{013}^{(20)}-2m_{200}^{(21)}m_{210}^{(20)}m_{031}^{(22)}+2m_{200}^{(21)}m_{210}^{(20)}m_{022}^{(21)}-3m_{200}^{(21)}m_{210}^{(21)}m_{121}^{(22)}\\
&-2m_{200}^{(21)}m_{210}^{(21)}m_{112}^{(21)}+m_{200}^{(21)}m_{210}^{(21)}m_{103}^{(11)}+4m_{200}^{(21)}m_{210}^{(21)}m_{013}^{(10)}+3m_{200}^{(21)}m_{210}^{(22)}m_{121}^{(21)}\\
&-m_{200}^{(21)}m_{210}^{(22)}m_{112}^{(11)}+2m_{200}^{(21)}m_{210}^{(22)}m_{031}^{(20)}-4m_{200}^{(21)}m_{210}^{(22)}m_{022}^{(10)}-2m_{200}^{(21)}m_{201}^{(10)}m_{022}^{(21)}\\
&+2m_{200}^{(21)}m_{201}^{(10)}m_{013}^{(11)}+m_{200}^{(21)}m_{201}^{(11)}m_{121}^{(22)}-3m_{200}^{(21)}m_{201}^{(11)}m_{112}^{(21)}+4m_{200}^{(21)}m_{201}^{(11)}m_{022}^{(20)}\\
&-2m_{200}^{(21)}m_{201}^{(11)}m_{013}^{(10)}+2m_{200}^{(21)}m_{201}^{(20)}m_{031}^{(21)}-2m_{200}^{(21)}m_{201}^{(20)}m_{022}^{(11)}-m_{200}^{(21)}m_{201}^{(21)}m_{130}^{(22)}\\
&+2m_{200}^{(21)}m_{201}^{(21)}m_{121}^{(21)}+3m_{200}^{(21)}m_{201}^{(21)}m_{112}^{(11)}-4m_{200}^{(21)}m_{201}^{(21)}m_{031}^{(20)}+m_{200}^{(21)}m_{201}^{(22)}m_{130}^{(21)}\\
&-3m_{200}^{(21)}m_{201}^{(22)}m_{121}^{(11)}+2m_{200}^{(21)}m_{201}^{(22)}m_{031}^{(10)}-3m_{200}^{(21)}m_{120}^{(10)}m_{112}^{(22)}+m_{200}^{(21)}m_{120}^{(10)}m_{103}^{(21)}\\
&+2m_{200}^{(21)}m_{120}^{(10)}m_{013}^{(20)}-m_{200}^{(21)}m_{120}^{(11)}m_{202}^{(22)}+m_{200}^{(21)}m_{120}^{(11)}m_{103}^{(20)}+3m_{200}^{(21)}m_{120}^{(20)}m_{121}^{(22)}\\
&-m_{200}^{(21)}m_{120}^{(20)}m_{112}^{(21)}-2m_{200}^{(21)}m_{120}^{(20)}m_{022}^{(20)}+m_{200}^{(21)}m_{120}^{(21)}m_{211}^{(22)}+m_{200}^{(21)}m_{120}^{(21)}m_{202}^{(21)}\\
&+2m_{200}^{(21)}m_{120}^{(21)}m_{112}^{(20)}-2m_{200}^{(21)}m_{120}^{(21)}m_{103}^{(10)}-2m_{200}^{(21)}m_{120}^{(21)}m_{013}^{(00)}-m_{200}^{(21)}m_{120}^{(22)}m_{211}^{(21)}\\
&-3m_{200}^{(21)}m_{120}^{(22)}m_{121}^{(20)}+2m_{200}^{(21)}m_{120}^{(22)}m_{112}^{(10)}+2m_{200}^{(21)}m_{120}^{(22)}m_{022}^{(00)}-m_{200}^{(21)}m_{111}^{(10)}m_{121}^{(22)}\\
&+6m_{200}^{(21)}m_{111}^{(10)}m_{112}^{(21)}-m_{200}^{(21)}m_{111}^{(10)}m_{103}^{(11)}-2m_{200}^{(21)}m_{111}^{(10)}m_{022}^{(20)}-2m_{200}^{(21)}m_{111}^{(10)}m_{013}^{(10)}\\
&-m_{200}^{(21)}m_{111}^{(11)}m_{211}^{(22)}+m_{200}^{(21)}m_{111}^{(11)}m_{202}^{(21)}-3m_{200}^{(21)}m_{111}^{(11)}m_{112}^{(20)}+m_{200}^{(21)}m_{111}^{(11)}m_{103}^{(10)}\\
&+2m_{200}^{(21)}m_{111}^{(11)}m_{013}^{(00)}+m_{200}^{(21)}m_{111}^{(20)}m_{130}^{(22)}-6m_{200}^{(21)}m_{111}^{(20)}m_{121}^{(21)}+m_{200}^{(21)}m_{111}^{(20)}m_{112}^{(11)}\\
&+2m_{200}^{(21)}m_{111}^{(20)}m_{031}^{(20)}+2m_{200}^{(21)}m_{111}^{(20)}m_{022}^{(10)}+m_{200}^{(21)}m_{111}^{(21)}m_{121}^{(22)}-m_{200}^{(21)}m_{111}^{(21)}m_{202}^{(11)}\\
&+4m_{200}^{(21)}m_{111}^{(21)}m_{121}^{(20)}-4m_{200}^{(21)}m_{111}^{(21)}m_{112}^{(10)}-m_{200}^{(21)}m_{111}^{(22)}m_{220}^{(21)}+m_{200}^{(21)}m_{111}^{(22)}m_{211}^{(11)}\\
&-m_{200}^{(21)}m_{111}^{(22)}m_{130}^{(20)}+3m_{200}^{(21)}m_{111}^{(22)}m_{121}^{(10)}-2m_{200}^{(21)}m_{111}^{(22)}m_{031}^{(00)}+m_{200}^{(21)}m_{102}^{(10)}m_{121}^{(21)}\\
&-3m_{200}^{(21)}m_{102}^{(10)}m_{112}^{(11)}+2m_{200}^{(21)}m_{102}^{(10)}m_{022}^{(10)}+m_{200}^{(21)}m_{102}^{(11)}m_{211}^{(21)}-2m_{200}^{(21)}m_{102}^{(11)}m_{121}^{(20)}\\
&+3m_{200}^{(21)}m_{102}^{(11)}m_{112}^{(10)}-2m_{200}^{(21)}m_{102}^{(11)}m_{022}^{(00)}-m_{200}^{(21)}m_{102}^{(20)}m_{130}^{(21)}+3m_{200}^{(21)}m_{102}^{(20)}m_{121}^{(11)}\\
&-2m_{200}^{(21)}m_{102}^{(20)}m_{031}^{(10)}-m_{200}^{(21)}m_{102}^{(21)}m_{220}^{(21)}-m_{200}^{(21)}m_{102}^{(21)}m_{211}^{(11)}+2m_{200}^{(21)}m_{102}^{(21)}m_{130}^{(20)}
\end{aligned}
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\begin{aligned}
&-2m_{200}^{(21)}m_{102}^{(21)}m_{121}^{(10)}+2m_{200}^{(21)}m_{102}^{(21)}m_{031}^{(00)}+m_{200}^{(21)}m_{102}^{(22)}m_{220}^{(11)}-m_{200}^{(21)}m_{102}^{(22)}m_{130}^{(10)}\\
&+m_{200}^{(21)}m_{030}^{(10)}m_{202}^{(22)}-m_{200}^{(21)}m_{030}^{(10)}m_{103}^{(20)}-m_{200}^{(21)}m_{030}^{(20)}m_{211}^{(22)}+m_{200}^{(21)}m_{030}^{(20)}m_{112}^{(20)}\\
&-m_{200}^{(21)}m_{030}^{(21)}m_{202}^{(20)}+m_{200}^{(21)}m_{030}^{(21)}m_{103}^{(00)}+m_{200}^{(21)}m_{030}^{(22)}m_{211}^{(20)}-m_{200}^{(21)}m_{030}^{(22)}m_{112}^{(00)}\\
&+m_{200}^{(21)}m_{021}^{(10)}m_{211}^{(22)}-2m_{200}^{(21)}m_{021}^{(10)}m_{202}^{(21)}+m_{200}^{(21)}m_{021}^{(10)}m_{103}^{(10)}+m_{200}^{(21)}m_{021}^{(11)}m_{202}^{(20)}\\
&-m_{200}^{(21)}m_{021}^{(11)}m_{103}^{(00)}-m_{200}^{(21)}m_{021}^{(20)}m_{220}^{(22)}+2m_{200}^{(21)}m_{021}^{(20)}m_{211}^{(21)}-m_{200}^{(21)}m_{021}^{(20)}m_{112}^{(10)}\\
&-2m_{200}^{(21)}m_{021}^{(21)}m_{211}^{(20)}+m_{200}^{(21)}m_{021}^{(21)}m_{202}^{(10)}+m_{200}^{(21)}m_{021}^{(21)}m_{112}^{(00)}+m_{200}^{(21)}m_{021}^{(22)}m_{220}^{(20)}\\
&-m_{200}^{(21)}m_{021}^{(22)}m_{211}^{(10)}-2m_{200}^{(21)}m_{012}^{(10)}m_{211}^{(21)}+m_{200}^{(21)}m_{012}^{(10)}m_{202}^{(11)}+m_{200}^{(21)}m_{012}^{(10)}m_{121}^{(20)}\\
&+m_{200}^{(21)}m_{012}^{(11)}m_{211}^{(20)}-m_{200}^{(21)}m_{012}^{(11)}m_{202}^{(10)}+2m_{200}^{(21)}m_{012}^{(20)}m_{220}^{(21)}-m_{200}^{(21)}m_{012}^{(20)}m_{211}^{(11)}\\
&-m_{200}^{(21)}m_{012}^{(20)}m_{130}^{(20)}-m_{200}^{(21)}m_{012}^{(21)}m_{220}^{(20)}+2m_{200}^{(21)}m_{012}^{(21)}m_{211}^{(10)}-m_{200}^{(21)}m_{012}^{(21)}m_{121}^{(00)}\\
&-m_{200}^{(21)}m_{012}^{(22)}m_{220}^{(10)}+m_{200}^{(21)}m_{012}^{(22)}m_{130}^{(00)}+m_{200}^{(21)}m_{003}^{(10)}m_{211}^{(11)}-m_{200}^{(21)}m_{003}^{(10)}m_{121}^{(10)}\\
&-m_{200}^{(21)}m_{003}^{(11)}m_{211}^{(10)}+m_{200}^{(21)}m_{003}^{(11)}m_{121}^{(00)}-m_{200}^{(21)}m_{003}^{(20)}m_{220}^{(11)}+m_{200}^{(21)}m_{003}^{(20)}m_{130}^{(10)}\\
&+m_{200}^{(21)}m_{003}^{(21)}m_{220}^{(10)}-m_{200}^{(21)}m_{003}^{(21)}m_{130}^{(00)}+m_{200}^{(22)}m_{300}^{(11)}m_{031}^{(22)}-m_{200}^{(22)}m_{300}^{(11)}m_{022}^{(21)}\\
&-m_{200}^{(22)}m_{300}^{(21)}m_{040}^{(22)}+m_{200}^{(22)}m_{300}^{(21)}m_{022}^{(11)}+m_{200}^{(22)}m_{300}^{(22)}m_{040}^{(21)}-m_{200}^{(22)}m_{300}^{(22)}m_{031}^{(11)}\\
&-m_{200}^{(22)}m_{210}^{(10)}m_{031}^{(22)}+m_{200}^{(22)}m_{210}^{(10)}m_{022}^{(21)}-2m_{200}^{(22)}m_{210}^{(11)}m_{121}^{(22)}+m_{200}^{(22)}m_{210}^{(11)}m_{112}^{(21)}\\
&+m_{200}^{(22)}m_{210}^{(11)}m_{022}^{(20)}+m_{200}^{(22)}m_{210}^{(20)}m_{040}^{(22)}-m_{200}^{(22)}m_{210}^{(20)}m_{031}^{(21)}+2m_{200}^{(22)}m_{210}^{(21)}m_{130}^{(22)}\\
&+m_{200}^{(22)}m_{210}^{(21)}m_{121}^{(21)}-m_{200}^{(22)}m_{210}^{(21)}m_{112}^{(11)}-2m_{200}^{(22)}m_{210}^{(21)}m_{022}^{(10)}-2m_{200}^{(22)}m_{210}^{(22)}m_{130}^{(21)}\\
&+m_{200}^{(22)}m_{210}^{(22)}m_{121}^{(11)}-m_{200}^{(22)}m_{210}^{(22)}m_{040}^{(20)}+2m_{200}^{(22)}m_{210}^{(22)}m_{031}^{(10)}+m_{200}^{(22)}m_{201}^{(10)}m_{031}^{(21)}\\
&-m_{200}^{(22)}m_{201}^{(10)}m_{022}^{(11)}+m_{200}^{(22)}m_{201}^{(11)}m_{121}^{(21)}-2m_{200}^{(22)}m_{201}^{(11)}m_{031}^{(20)}+m_{200}^{(22)}m_{201}^{(11)}m_{022}^{(10)}\\
&-m_{200}^{(22)}m_{201}^{(20)}m_{040}^{(21)}+m_{200}^{(22)}m_{201}^{(20)}m_{031}^{(11)}-m_{200}^{(22)}m_{201}^{(21)}m_{130}^{(21)}-m_{200}^{(22)}m_{201}^{(21)}m_{121}^{(11)}\\
&+2m_{200}^{(22)}m_{201}^{(21)}m_{040}^{(20)}+m_{200}^{(22)}m_{201}^{(22)}m_{130}^{(11)}-m_{200}^{(22)}m_{201}^{(22)}m_{040}^{(10)}+2m_{200}^{(22)}m_{120}^{(10)}m_{121}^{(22)}\\
&-m_{200}^{(22)}m_{120}^{(10)}m_{112}^{(21)}-m_{200}^{(22)}m_{120}^{(10)}m_{022}^{(20)}+m_{200}^{(22)}m_{120}^{(11)}m_{211}^{(22)}-m_{200}^{(22)}m_{120}^{(11)}m_{112}^{(20)}\\
&-2m_{200}^{(22)}m_{120}^{(20)}m_{130}^{(22)}+m_{200}^{(22)}m_{120}^{(20)}m_{121}^{(21)}+m_{200}^{(22)}m_{120}^{(20)}m_{031}^{(20)}-m_{200}^{(22)}m_{120}^{(21)}m_{220}^{(22)}\\
&-m_{200}^{(22)}m_{120}^{(21)}m_{211}^{(21)}-m_{200}^{(22)}m_{120}^{(21)}m_{121}^{(20)}+2m_{200}^{(22)}m_{120}^{(21)}m_{112}^{(10)}+m_{200}^{(22)}m_{120}^{(21)}m_{022}^{(00)}\\
&+m_{200}^{(22)}m_{120}^{(22)}m_{220}^{(21)}+2m_{200}^{(22)}m_{120}^{(22)}m_{130}^{(20)}-2m_{200}^{(22)}m_{120}^{(22)}m_{121}^{(10)}-m_{200}^{(22)}m_{120}^{(22)}m_{031}^{(00)}\\
&-3m_{200}^{(22)}m_{111}^{(10)}m_{121}^{(21)}+m_{200}^{(22)}m_{111}^{(10)}m_{112}^{(11)}+m_{200}^{(22)}m_{111}^{(10)}m_{031}^{(20)}+m_{200}^{(22)}m_{111}^{(10)}m_{022}^{(10)}\\
&-m_{200}^{(22)}m_{111}^{(11)}m_{211}^{(21)}+3m_{200}^{(22)}m_{111}^{(11)}m_{121}^{(20)}-m_{200}^{(22)}m_{111}^{(11)}m_{112}^{(10)}-m_{200}^{(22)}m_{111}^{(11)}m_{022}^{(00)}\\
&+3m_{200}^{(22)}m_{111}^{(20)}m_{130}^{(21)}-m_{200}^{(22)}m_{111}^{(20)}m_{121}^{(11)}-m_{200}^{(22)}m_{111}^{(20)}m_{040}^{(20)}-m_{200}^{(22)}m_{111}^{(20)}m_{031}^{(10)}\\
&+m_{200}^{(22)}m_{111}^{(21)}m_{220}^{(21)}+m_{200}^{(22)}m_{111}^{(21)}m_{211}^{(11)}-3m_{200}^{(22)}m_{111}^{(21)}m_{130}^{(20)}+m_{200}^{(22)}m_{111}^{(21)}m_{121}^{(10)}\\
&-m_{200}^{(22)}m_{111}^{(22)}m_{220}^{(11)}+m_{200}^{(22)}m_{111}^{(22)}m_{040}^{(00)}+m_{200}^{(22)}m_{102}^{(10)}m_{121}^{(11)}-m_{200}^{(22)}m_{102}^{(10)}m_{031}^{(10)}\\
&-m_{200}^{(22)}m_{102}^{(11)}m_{121}^{(10)}+m_{200}^{(22)}m_{102}^{(11)}m_{031}^{(00)}-m_{200}^{(22)}m_{102}^{(20)}m_{130}^{(11)}+m_{200}^{(22)}m_{102}^{(20)}m_{040}^{(10)}\\
&+m_{200}^{(22)}m_{102}^{(21)}m_{130}^{(10)}-m_{200}^{(22)}m_{102}^{(21)}m_{040}^{(00)}-m_{200}^{(22)}m_{030}^{(10)}m_{211}^{(22)}+m_{200}^{(22)}m_{030}^{(10)}m_{112}^{(20)}\\
&+m_{200}^{(22)}m_{030}^{(20)}m_{220}^{(22)}-m_{200}^{(22)}m_{030}^{(20)}m_{121}^{(20)}+m_{200}^{(22)}m_{030}^{(21)}m_{211}^{(20)}-m_{200}^{(22)}m_{030}^{(21)}m_{112}^{(00)}\\
&-m_{200}^{(22)}m_{030}^{(22)}m_{220}^{(20)}+m_{200}^{(22)}m_{030}^{(22)}m_{121}^{(00)}+2m_{200}^{(22)}m_{021}^{(10)}m_{211}^{(21)}-m_{200}^{(22)}m_{021}^{(10)}m_{121}^{(20)}\\
&-m_{200}^{(22)}m_{021}^{(10)}m_{112}^{(10)}-m_{200}^{(22)}m_{021}^{(11)}m_{211}^{(20)}+m_{200}^{(22)}m_{021}^{(11)}m_{112}^{(00)}-2m_{200}^{(22)}m_{021}^{(20)}m_{220}^{(21)}\\
&+m_{200}^{(22)}m_{021}^{(20)}m_{130}^{(20)}+m_{200}^{(22)}m_{021}^{(20)}m_{121}^{(10)}+m_{200}^{(22)}m_{021}^{(21)}m_{220}^{(20)}-m_{200}^{(22)}m_{021}^{(21)}m_{211}^{(10)}\\
&+m_{200}^{(22)}m_{021}^{(22)}m_{220}^{(10)}-m_{200}^{(22)}m_{021}^{(22)}m_{130}^{(00)}-m_{200}^{(22)}m_{012}^{(10)}m_{211}^{(11)}+m_{200}^{(22)}m_{012}^{(10)}m_{121}^{(10)}\\
&+m_{200}^{(22)}m_{012}^{(11)}m_{211}^{(10)}-m_{200}^{(22)}m_{012}^{(11)}m_{121}^{(00)}+m_{200}^{(22)}m_{012}^{(20)}m_{220}^{(11)}-m_{200}^{(22)}m_{012}^{(20)}m_{130}^{(10)}\\
&-m_{200}^{(22)}m_{012}^{(21)}m_{220}^{(10)}+m_{200}^{(22)}m_{012}^{(21)}m_{130}^{(00)}+m_{110}^{(00)}m_{210}^{(11)}m_{013}^{(22)}-m_{110}^{(00)}m_{210}^{(11)}m_{004}^{(21)}
\end{aligned}
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\begin{aligned}
&-m_{110}^{(00)}m_{210}^{(21)}m_{022}^{(22)}+m_{110}^{(00)}m_{210}^{(21)}m_{004}^{(11)}+m_{110}^{(00)}m_{210}^{(22)}m_{022}^{(21)}-m_{110}^{(00)}m_{210}^{(22)}m_{013}^{(11)}\\
&-m_{110}^{(00)}m_{201}^{(11)}m_{022}^{(22)}+m_{110}^{(00)}m_{201}^{(11)}m_{013}^{(21)}+m_{110}^{(00)}m_{201}^{(21)}m_{031}^{(22)}-m_{110}^{(00)}m_{201}^{(21)}m_{013}^{(11)}\\
&-m_{110}^{(00)}m_{201}^{(22)}m_{031}^{(21)}+m_{110}^{(00)}m_{201}^{(22)}m_{022}^{(11)}-m_{110}^{(00)}m_{120}^{(10)}m_{013}^{(22)}+m_{110}^{(00)}m_{120}^{(10)}m_{004}^{(21)}\\
&-m_{110}^{(00)}m_{120}^{(11)}m_{103}^{(22)}+m_{110}^{(00)}m_{120}^{(11)}m_{004}^{(20)}+m_{110}^{(00)}m_{120}^{(20)}m_{022}^{(22)}-m_{110}^{(00)}m_{120}^{(20)}m_{013}^{(21)}\\
&+m_{110}^{(00)}m_{120}^{(21)}m_{112}^{(22)}+m_{110}^{(00)}m_{120}^{(21)}m_{103}^{(21)}-2m_{110}^{(00)}m_{120}^{(21)}m_{004}^{(10)}-m_{110}^{(00)}m_{120}^{(22)}m_{112}^{(21)}\\
&-m_{110}^{(00)}m_{120}^{(22)}m_{022}^{(20)}+2m_{110}^{(00)}m_{120}^{(22)}m_{013}^{(10)}+m_{110}^{(00)}m_{111}^{(10)}m_{022}^{(22)}-m_{110}^{(00)}m_{111}^{(10)}m_{004}^{(11)}\\
&+m_{110}^{(00)}m_{111}^{(11)}m_{112}^{(22)}+m_{110}^{(00)}m_{111}^{(11)}m_{103}^{(21)}-3m_{110}^{(00)}m_{111}^{(11)}m_{013}^{(20)}+m_{110}^{(00)}m_{111}^{(11)}m_{004}^{(10)}\\
&-m_{110}^{(00)}m_{111}^{(20)}m_{031}^{(22)}+m_{110}^{(00)}m_{111}^{(20)}m_{013}^{(11)}-m_{110}^{(00)}m_{111}^{(21)}m_{121}^{(22)}-2m_{110}^{(00)}m_{111}^{(21)}m_{112}^{(21)}\\
&-m_{110}^{(00)}m_{111}^{(21)}m_{103}^{(11)}+2m_{110}^{(00)}m_{111}^{(21)}m_{022}^{(20)}+2m_{110}^{(00)}m_{111}^{(21)}m_{013}^{(10)}+m_{110}^{(00)}m_{111}^{(22)}m_{121}^{(21)}\\
&+m_{110}^{(00)}m_{111}^{(22)}m_{112}^{(11)}+m_{110}^{(00)}m_{111}^{(22)}m_{031}^{(20)}-3m_{110}^{(00)}m_{111}^{(22)}m_{022}^{(10)}-m_{110}^{(00)}m_{102}^{(10)}m_{022}^{(21)}\\
&+m_{110}^{(00)}m_{102}^{(10)}m_{013}^{(11)}-m_{110}^{(00)}m_{102}^{(11)}m_{112}^{(21)}+2m_{110}^{(00)}m_{102}^{(11)}m_{022}^{(20)}-m_{110}^{(00)}m_{102}^{(11)}m_{013}^{(10)}\\
&+m_{110}^{(00)}m_{102}^{(20)}m_{031}^{(21)}-m_{110}^{(00)}m_{102}^{(20)}m_{022}^{(11)}+m_{110}^{(00)}m_{102}^{(21)}m_{121}^{(21)}+m_{110}^{(00)}m_{102}^{(21)}m_{112}^{(11)}\\
&-2m_{110}^{(00)}m_{102}^{(21)}m_{031}^{(20)}-m_{110}^{(00)}m_{102}^{(22)}m_{121}^{(11)}+m_{110}^{(00)}m_{102}^{(22)}m_{031}^{(10)}+m_{110}^{(00)}m_{030}^{(10)}m_{103}^{(22)}\\
&-m_{110}^{(00)}m_{030}^{(10)}m_{004}^{(20)}-m_{110}^{(00)}m_{030}^{(20)}m_{112}^{(22)}+m_{110}^{(00)}m_{030}^{(20)}m_{013}^{(20)}-m_{110}^{(00)}m_{030}^{(21)}m_{103}^{(20)}\\
&+m_{110}^{(00)}m_{030}^{(21)}m_{004}^{(00)}+m_{110}^{(00)}m_{030}^{(22)}m_{112}^{(20)}-m_{110}^{(00)}m_{030}^{(22)}m_{013}^{(00)}-m_{110}^{(00)}m_{021}^{(10)}m_{112}^{(22)}\\
&-2m_{110}^{(00)}m_{021}^{(10)}m_{103}^{(21)}+2m_{110}^{(00)}m_{021}^{(10)}m_{013}^{(20)}+m_{110}^{(00)}m_{021}^{(10)}m_{004}^{(10)}+m_{110}^{(00)}m_{021}^{(11)}m_{103}^{(20)}\\
&-m_{110}^{(00)}m_{021}^{(11)}m_{004}^{(00)}+m_{110}^{(00)}m_{021}^{(20)}m_{121}^{(22)}+2m_{110}^{(00)}m_{021}^{(20)}m_{112}^{(21)}-2m_{110}^{(00)}m_{021}^{(20)}m_{022}^{(20)}\\
&-m_{110}^{(00)}m_{021}^{(20)}m_{013}^{(10)}+m_{110}^{(00)}m_{021}^{(21)}m_{103}^{(10)}-m_{110}^{(00)}m_{021}^{(21)}m_{013}^{(00)}-m_{110}^{(00)}m_{021}^{(22)}m_{121}^{(20)}\\
&-m_{110}^{(00)}m_{021}^{(22)}m_{112}^{(10)}+2m_{110}^{(00)}m_{021}^{(22)}m_{022}^{(00)}+2m_{110}^{(00)}m_{012}^{(10)}m_{112}^{(21)}+m_{110}^{(00)}m_{012}^{(10)}m_{103}^{(11)}\\
&-m_{110}^{(00)}m_{012}^{(10)}m_{022}^{(20)}-2m_{110}^{(00)}m_{012}^{(10)}m_{013}^{(10)}-m_{110}^{(00)}m_{012}^{(11)}m_{112}^{(20)}-m_{110}^{(00)}m_{012}^{(11)}m_{103}^{(10)}\\
&+2m_{110}^{(00)}m_{012}^{(11)}m_{013}^{(00)}-2m_{110}^{(00)}m_{012}^{(20)}m_{121}^{(21)}-m_{110}^{(00)}m_{012}^{(20)}m_{112}^{(11)}+m_{110}^{(00)}m_{012}^{(20)}m_{031}^{(20)}\\
&+2m_{110}^{(00)}m_{012}^{(20)}m_{022}^{(10)}+m_{110}^{(00)}m_{012}^{(21)}m_{121}^{(20)}-m_{110}^{(00)}m_{012}^{(21)}m_{022}^{(00)}+m_{110}^{(00)}m_{012}^{(22)}m_{121}^{(10)}\\
&-m_{110}^{(00)}m_{012}^{(22)}m_{031}^{(00)}-m_{110}^{(00)}m_{003}^{(10)}m_{112}^{(11)}+m_{110}^{(00)}m_{003}^{(10)}m_{022}^{(10)}+m_{110}^{(00)}m_{003}^{(11)}m_{112}^{(10)}\\
&-m_{110}^{(00)}m_{003}^{(11)}m_{022}^{(00)}+m_{110}^{(00)}m_{003}^{(20)}m_{121}^{(11)}-m_{110}^{(00)}m_{003}^{(20)}m_{031}^{(10)}-m_{110}^{(00)}m_{003}^{(21)}m_{121}^{(10)}\\
&+m_{110}^{(00)}m_{003}^{(21)}m_{031}^{(00)}-m_{110}^{(10)}m_{300}^{(11)}m_{013}^{(22)}+m_{110}^{(10)}m_{300}^{(11)}m_{004}^{(21)}+m_{110}^{(10)}m_{300}^{(21)}m_{022}^{(22)}\\
&-m_{110}^{(10)}m_{300}^{(21)}m_{004}^{(11)}-m_{110}^{(10)}m_{300}^{(22)}m_{022}^{(21)}+m_{110}^{(10)}m_{300}^{(22)}m_{013}^{(11)}+2m_{110}^{(10)}m_{210}^{(10)}m_{013}^{(22)}\\
&-2m_{110}^{(10)}m_{210}^{(10)}m_{004}^{(21)}+m_{110}^{(10)}m_{210}^{(11)}m_{103}^{(22)}-m_{110}^{(10)}m_{210}^{(11)}m_{004}^{(20)}-m_{110}^{(10)}m_{210}^{(20)}m_{022}^{(22)}\\
&+m_{110}^{(10)}m_{210}^{(20)}m_{004}^{(11)}-2m_{110}^{(10)}m_{210}^{(21)}m_{112}^{(22)}+2m_{110}^{(10)}m_{210}^{(21)}m_{004}^{(10)}+2m_{110}^{(10)}m_{210}^{(22)}m_{112}^{(21)}\\
&-m_{110}^{(10)}m_{210}^{(22)}m_{103}^{(11)}+m_{110}^{(10)}m_{210}^{(22)}m_{022}^{(20)}-2m_{110}^{(10)}m_{210}^{(22)}m_{013}^{(10)}-m_{110}^{(10)}m_{201}^{(10)}m_{022}^{(22)}\\
&+m_{110}^{(10)}m_{201}^{(10)}m_{004}^{(11)}+m_{110}^{(10)}m_{201}^{(11)}m_{112}^{(22)}-2m_{110}^{(10)}m_{201}^{(11)}m_{103}^{(21)}+2m_{110}^{(10)}m_{201}^{(11)}m_{013}^{(20)}\\
&-m_{110}^{(10)}m_{201}^{(11)}m_{004}^{(10)}+2m_{110}^{(10)}m_{201}^{(20)}m_{022}^{(21)}-2m_{110}^{(10)}m_{201}^{(20)}m_{013}^{(11)}+2m_{110}^{(10)}m_{201}^{(21)}m_{103}^{(11)}\\
&-2m_{110}^{(10)}m_{201}^{(21)}m_{022}^{(20)}-m_{110}^{(10)}m_{201}^{(22)}m_{112}^{(11)}+m_{110}^{(10)}m_{201}^{(22)}m_{022}^{(10)}-m_{110}^{(10)}m_{120}^{(00)}m_{013}^{(22)}\\
&+m_{110}^{(10)}m_{120}^{(00)}m_{004}^{(21)}-2m_{110}^{(10)}m_{120}^{(10)}m_{103}^{(22)}+2m_{110}^{(10)}m_{120}^{(10)}m_{004}^{(20)}+2m_{110}^{(10)}m_{120}^{(20)}m_{112}^{(22)}\\
&-2m_{110}^{(10)}m_{120}^{(20)}m_{004}^{(10)}+m_{110}^{(10)}m_{120}^{(21)}m_{202}^{(22)}-m_{110}^{(10)}m_{120}^{(21)}m_{004}^{(00)}-m_{110}^{(10)}m_{120}^{(22)}m_{202}^{(21)}\\
&-2m_{110}^{(10)}m_{120}^{(22)}m_{112}^{(20)}+2m_{110}^{(10)}m_{120}^{(22)}m_{103}^{(10)}+m_{110}^{(10)}m_{120}^{(22)}m_{013}^{(00)}+m_{110}^{(10)}m_{111}^{(00)}m_{022}^{(22)}\\
&-m_{110}^{(10)}m_{111}^{(00)}m_{004}^{(11)}+4m_{110}^{(10)}m_{111}^{(10)}m_{103}^{(21)}-4m_{110}^{(10)}m_{111}^{(10)}m_{013}^{(20)}-m_{110}^{(10)}m_{111}^{(11)}m_{202}^{(22)}\\
&+m_{110}^{(10)}m_{111}^{(11)}m_{004}^{(00)}-4m_{110}^{(10)}m_{111}^{(20)}m_{112}^{(21)}+4m_{110}^{(10)}m_{111}^{(20)}m_{013}^{(10)}+4m_{110}^{(10)}m_{111}^{(21)}m_{112}^{(20)}\\
&-4m_{110}^{(10)}m_{111}^{(21)}m_{103}^{(10)}+m_{110}^{(10)}m_{111}^{(22)}m_{202}^{(11)}-m_{110}^{(10)}m_{111}^{(22)}m_{022}^{(00)}-m_{110}^{(10)}m_{102}^{(00)}m_{022}^{(21)}
\end{aligned}
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\begin{aligned}
&+m_{110}^{(10)}m_{102}^{(00)}m_{013}^{(11)} - 2m_{110}^{(10)}m_{102}^{(10)}m_{103}^{(11)} + 2m_{110}^{(10)}m_{102}^{(10)}m_{022}^{(20)} + m_{110}^{(10)}m_{102}^{(11)}m_{202}^{(21)}\\
&-2m_{110}^{(10)}m_{102}^{(11)}m_{112}^{(20)} + 2m_{110}^{(10)}m_{102}^{(11)}m_{103}^{(10)} - m_{110}^{(10)}m_{102}^{(11)}m_{013}^{(00)} + 2m_{110}^{(10)}m_{102}^{(20)}m_{112}^{(11)}\\
&-2m_{110}^{(10)}m_{102}^{(20)}m_{022}^{(10)} - m_{110}^{(10)}m_{102}^{(21)}m_{202}^{(11)} + m_{110}^{(10)}m_{102}^{(21)}m_{022}^{(00)} + m_{110}^{(10)}m_{030}^{(00)}m_{103}^{(22)}\\
&-m_{110}^{(10)}m_{030}^{(00)}m_{004}^{(20)} - m_{110}^{(10)}m_{030}^{(20)}m_{202}^{(22)} + m_{110}^{(10)}m_{030}^{(20)}m_{004}^{(00)} + m_{110}^{(10)}m_{030}^{(22)}m_{202}^{(20)}\\
&-m_{110}^{(10)}m_{030}^{(22)}m_{103}^{(00)} - m_{110}^{(10)}m_{021}^{(00)}m_{112}^{(22)} - 2m_{110}^{(10)}m_{021}^{(00)}m_{103}^{(21)} + 2m_{110}^{(10)}m_{021}^{(00)}m_{013}^{(20)}\\
&+m_{110}^{(10)}m_{021}^{(00)}m_{004}^{(10)} + m_{110}^{(10)}m_{021}^{(10)}m_{202}^{(22)} - m_{110}^{(10)}m_{021}^{(10)}m_{004}^{(00)} + 2m_{110}^{(10)}m_{021}^{(20)}m_{202}^{(21)}\\
&-2m_{110}^{(10)}m_{021}^{(20)}m_{013}^{(00)} - 2m_{110}^{(10)}m_{021}^{(21)}m_{202}^{(20)} + 2m_{110}^{(10)}m_{021}^{(21)}m_{103}^{(00)} - m_{110}^{(10)}m_{021}^{(22)}m_{202}^{(10)}\\
&+m_{110}^{(10)}m_{021}^{(22)}m_{112}^{(00)} + 2m_{110}^{(10)}m_{012}^{(00)}m_{112}^{(21)} + m_{110}^{(10)}m_{012}^{(00)}m_{103}^{(11)} - m_{110}^{(10)}m_{012}^{(00)}m_{022}^{(20)}\\
&-2m_{110}^{(10)}m_{012}^{(00)}m_{013}^{(10)} - 2m_{110}^{(10)}m_{012}^{(10)}m_{202}^{(21)} + 2m_{110}^{(10)}m_{012}^{(10)}m_{013}^{(00)} + m_{110}^{(10)}m_{012}^{(11)}m_{202}^{(20)}\\
&-m_{110}^{(10)}m_{012}^{(11)}m_{103}^{(00)} - m_{110}^{(10)}m_{012}^{(20)}m_{202}^{(11)} + m_{110}^{(10)}m_{012}^{(20)}m_{022}^{(00)} + 2m_{110}^{(10)}m_{012}^{(21)}m_{202}^{(10)}\\
&-2m_{110}^{(10)}m_{012}^{(21)}m_{112}^{(00)} - m_{110}^{(10)}m_{003}^{(00)}m_{112}^{(11)} + m_{110}^{(10)}m_{003}^{(00)}m_{022}^{(10)} + m_{110}^{(10)}m_{003}^{(10)}m_{202}^{(11)}\\
&-m_{110}^{(10)}m_{003}^{(10)}m_{022}^{(00)} - m_{110}^{(10)}m_{003}^{(11)}m_{202}^{(10)} + m_{110}^{(10)}m_{003}^{(11)}m_{112}^{(00)} - m_{110}^{(11)}m_{300}^{(10)}m_{013}^{(22)}\\
&+m_{110}^{(11)}m_{300}^{(10)}m_{004}^{(21)} + m_{110}^{(11)}m_{300}^{(20)}m_{013}^{(21)} - m_{110}^{(11)}m_{300}^{(20)}m_{004}^{(11)} + m_{110}^{(11)}m_{300}^{(21)}m_{112}^{(22)}\\
&-m_{110}^{(11)}m_{300}^{(21)}m_{103}^{(21)} - m_{110}^{(11)}m_{300}^{(22)}m_{112}^{(21)} + m_{110}^{(11)}m_{300}^{(22)}m_{103}^{(11)} + m_{110}^{(11)}m_{210}^{(00)}m_{013}^{(22)}\\
&-m_{110}^{(11)}m_{210}^{(00)}m_{004}^{(21)} + m_{110}^{(11)}m_{210}^{(10)}m_{103}^{(22)} - m_{110}^{(11)}m_{210}^{(10)}m_{004}^{(20)} - m_{110}^{(11)}m_{210}^{(20)}m_{112}^{(22)}\\
&-m_{110}^{(11)}m_{210}^{(20)}m_{013}^{(20)} + 2m_{110}^{(11)}m_{210}^{(20)}m_{004}^{(10)} - m_{110}^{(11)}m_{210}^{(21)}m_{202}^{(22)} + m_{110}^{(11)}m_{210}^{(21)}m_{103}^{(20)}\\
&+m_{110}^{(11)}m_{210}^{(22)}m_{202}^{(21)} + m_{110}^{(11)}m_{210}^{(22)}m_{112}^{(20)} - 2m_{110}^{(11)}m_{210}^{(22)}m_{103}^{(10)} - m_{110}^{(11)}m_{201}^{(00)}m_{013}^{(21)}\\
&+m_{110}^{(11)}m_{201}^{(00)}m_{004}^{(11)} + m_{110}^{(11)}m_{201}^{(10)}m_{112}^{(22)} - 2m_{110}^{(11)}m_{201}^{(10)}m_{103}^{(21)} + 2m_{110}^{(11)}m_{201}^{(10)}m_{013}^{(20)}\\
&-m_{110}^{(11)}m_{201}^{(10)}m_{004}^{(10)} + m_{110}^{(11)}m_{201}^{(20)}m_{103}^{(11)} - m_{110}^{(11)}m_{201}^{(20)}m_{013}^{(10)} - m_{110}^{(11)}m_{201}^{(21)}m_{211}^{(22)}\\
&+2m_{110}^{(11)}m_{201}^{(21)}m_{202}^{(21)} - 2m_{110}^{(11)}m_{201}^{(21)}m_{112}^{(20)} + m_{110}^{(11)}m_{201}^{(21)}m_{103}^{(10)} + m_{110}^{(11)}m_{201}^{(22)}m_{211}^{(21)}\\
&-2m_{110}^{(11)}m_{201}^{(22)}m_{202}^{(11)} + m_{110}^{(11)}m_{201}^{(22)}m_{112}^{(10)} - m_{110}^{(11)}m_{120}^{(00)}m_{103}^{(22)} + m_{110}^{(11)}m_{120}^{(00)}m_{004}^{(20)}\\
&+m_{110}^{(11)}m_{120}^{(20)}m_{202}^{(22)} - m_{110}^{(11)}m_{120}^{(20)}m_{004}^{(00)} - m_{110}^{(11)}m_{120}^{(22)}m_{202}^{(20)} + m_{110}^{(11)}m_{120}^{(22)}m_{103}^{(00)}\\
&-m_{110}^{(11)}m_{111}^{(00)}m_{112}^{(22)} + 3m_{110}^{(11)}m_{111}^{(00)}m_{103}^{(21)} - m_{110}^{(11)}m_{111}^{(00)}m_{013}^{(20)} - m_{110}^{(11)}m_{111}^{(00)}m_{004}^{(10)}\\
&-m_{110}^{(11)}m_{111}^{(10)}m_{202}^{(22)} + m_{110}^{(11)}m_{111}^{(10)}m_{004}^{(00)} + m_{110}^{(11)}m_{111}^{(20)}m_{211}^{(22)} - 2m_{110}^{(11)}m_{111}^{(20)}m_{202}^{(21)}\\
&+2m_{110}^{(11)}m_{111}^{(20)}m_{112}^{(20)} - 2m_{110}^{(11)}m_{111}^{(20)}m_{103}^{(10)} + m_{110}^{(11)}m_{111}^{(20)}m_{013}^{(00)} + m_{110}^{(11)}m_{111}^{(21)}m_{301}^{(22)}\\
&-m_{110}^{(11)}m_{111}^{(21)}m_{103}^{(00)} - m_{110}^{(11)}m_{111}^{(22)}m_{301}^{(21)} - m_{110}^{(11)}m_{111}^{(22)}m_{211}^{(20)} + 3m_{110}^{(11)}m_{111}^{(22)}m_{202}^{(10)}\\
&-m_{110}^{(11)}m_{111}^{(22)}m_{112}^{(00)} + m_{110}^{(11)}m_{102}^{(00)}m_{112}^{(21)} - 2m_{110}^{(11)}m_{102}^{(00)}m_{103}^{(11)} + m_{110}^{(11)}m_{102}^{(00)}m_{013}^{(10)}\\
&+m_{110}^{(11)}m_{102}^{(10)}m_{202}^{(21)} - 2m_{110}^{(11)}m_{102}^{(10)}m_{112}^{(20)} + 2m_{110}^{(11)}m_{102}^{(10)}m_{103}^{(10)} - m_{110}^{(11)}m_{102}^{(10)}m_{013}^{(00)}\\
&-m_{110}^{(11)}m_{102}^{(20)}m_{211}^{(21)} + m_{110}^{(11)}m_{102}^{(20)}m_{202}^{(11)} - m_{110}^{(11)}m_{102}^{(21)}m_{301}^{(21)} + 2m_{110}^{(11)}m_{102}^{(21)}m_{211}^{(20)}\\
&-2m_{110}^{(11)}m_{102}^{(21)}m_{202}^{(10)} + m_{110}^{(11)}m_{102}^{(21)}m_{112}^{(00)} + m_{110}^{(11)}m_{102}^{(22)}m_{301}^{(11)} - m_{110}^{(11)}m_{102}^{(22)}m_{211}^{(10)}\\
&+m_{110}^{(11)}m_{021}^{(00)}m_{202}^{(22)} - m_{110}^{(11)}m_{021}^{(00)}m_{103}^{(20)} - m_{110}^{(11)}m_{021}^{(20)}m_{301}^{(22)} + m_{110}^{(11)}m_{021}^{(20)}m_{103}^{(00)}\\
&+m_{110}^{(11)}m_{021}^{(22)}m_{301}^{(20)} - m_{110}^{(11)}m_{021}^{(22)}m_{202}^{(00)} - 2m_{110}^{(11)}m_{012}^{(00)}m_{202}^{(21)} + m_{110}^{(11)}m_{012}^{(00)}m_{112}^{(20)}\\
&+m_{110}^{(11)}m_{012}^{(00)}m_{103}^{(10)} + m_{110}^{(11)}m_{012}^{(10)}m_{202}^{(20)} - m_{110}^{(11)}m_{012}^{(10)}m_{103}^{(00)} + 2m_{110}^{(11)}m_{012}^{(20)}m_{301}^{(21)}\\
&-m_{110}^{(11)}m_{012}^{(20)}m_{211}^{(20)} - m_{110}^{(11)}m_{012}^{(20)}m_{112}^{(00)} - m_{110}^{(11)}m_{012}^{(21)}m_{301}^{(20)} + m_{110}^{(11)}m_{012}^{(21)}m_{202}^{(00)}\\
&-m_{110}^{(11)}m_{012}^{(22)}m_{301}^{(10)} + m_{110}^{(11)}m_{012}^{(22)}m_{211}^{(00)} + m_{110}^{(11)}m_{003}^{(00)}m_{202}^{(11)} - m_{110}^{(11)}m_{003}^{(00)}m_{112}^{(10)}\\
&-m_{110}^{(11)}m_{003}^{(10)}m_{202}^{(10)} + m_{110}^{(11)}m_{003}^{(10)}m_{112}^{(00)} - m_{110}^{(11)}m_{003}^{(20)}m_{301}^{(11)} + m_{110}^{(11)}m_{003}^{(20)}m_{211}^{(10)}\\
&+m_{110}^{(11)}m_{003}^{(21)}m_{301}^{(10)} - m_{110}^{(11)}m_{003}^{(21)}m_{211}^{(00)} + m_{110}^{(20)}m_{300}^{(11)}m_{022}^{(22)} - m_{110}^{(20)}m_{300}^{(11)}m_{013}^{(21)}\\
&-m_{110}^{(20)}m_{300}^{(21)}m_{031}^{(22)} + m_{110}^{(20)}m_{300}^{(21)}m_{013}^{(11)} + m_{110}^{(20)}m_{300}^{(22)}m_{031}^{(21)} - m_{110}^{(20)}m_{300}^{(22)}m_{022}^{(11)}
\end{aligned}
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\begin{aligned}
&-2m_{110}^{(20)}m_{210}^{(10)}m_{022}^{(22)}+2m_{110}^{(20)}m_{210}^{(10)}m_{013}^{(21)}-3m_{110}^{(20)}m_{210}^{(11)}m_{112}^{(22)}+2m_{110}^{(20)}m_{210}^{(11)}m_{103}^{(21)}\\
&+m_{110}^{(20)}m_{210}^{(11)}m_{013}^{(20)}+m_{110}^{(20)}m_{210}^{(20)}m_{031}^{(22)}-m_{110}^{(20)}m_{210}^{(20)}m_{013}^{(11)}+4m_{110}^{(20)}m_{210}^{(21)}m_{121}^{(22)}\\
&-2m_{110}^{(20)}m_{210}^{(21)}m_{103}^{(11)}-2m_{110}^{(20)}m_{210}^{(21)}m_{013}^{(10)}-4m_{110}^{(20)}m_{210}^{(22)}m_{121}^{(21)}+3m_{110}^{(20)}m_{210}^{(22)}m_{112}^{(11)}\\
&-m_{110}^{(20)}m_{210}^{(22)}m_{031}^{(20)}+2m_{110}^{(20)}m_{210}^{(22)}m_{022}^{(10)}+m_{110}^{(20)}m_{201}^{(10)}m_{031}^{(22)}-m_{110}^{(20)}m_{201}^{(10)}m_{013}^{(11)}\\
&+m_{110}^{(20)}m_{201}^{(11)}m_{121}^{(22)}-2m_{110}^{(20)}m_{201}^{(11)}m_{022}^{(20)}+m_{110}^{(20)}m_{201}^{(11)}m_{013}^{(10)}-2m_{110}^{(20)}m_{201}^{(20)}m_{031}^{(21)}\\
&+2m_{110}^{(20)}m_{201}^{(20)}m_{022}^{(11)}-2m_{110}^{(20)}m_{201}^{(21)}m_{130}^{(22)}+2m_{110}^{(20)}m_{201}^{(21)}m_{031}^{(20)}+2m_{110}^{(20)}m_{201}^{(22)}m_{130}^{(21)}\\
&-m_{110}^{(20)}m_{201}^{(22)}m_{121}^{(11)}-m_{110}^{(20)}m_{201}^{(22)}m_{031}^{(10)}+m_{110}^{(20)}m_{120}^{(00)}m_{022}^{(22)}-m_{110}^{(20)}m_{120}^{(00)}m_{013}^{(21)}\\
&+4m_{110}^{(20)}m_{120}^{(10)}m_{112}^{(22)}-2m_{110}^{(20)}m_{120}^{(10)}m_{103}^{(21)}-2m_{110}^{(20)}m_{120}^{(10)}m_{013}^{(20)}+2m_{110}^{(20)}m_{120}^{(11)}m_{202}^{(22)}\\
&-2m_{110}^{(20)}m_{120}^{(11)}m_{103}^{(20)}-4m_{110}^{(20)}m_{120}^{(20)}m_{121}^{(22)}+2m_{110}^{(20)}m_{120}^{(20)}m_{112}^{(21)}+2m_{110}^{(20)}m_{120}^{(20)}m_{013}^{(10)}\\
&-3m_{110}^{(20)}m_{120}^{(21)}m_{211}^{(22)}-2m_{110}^{(20)}m_{120}^{(21)}m_{202}^{(21)}+4m_{110}^{(20)}m_{120}^{(21)}m_{103}^{(10)}+m_{110}^{(20)}m_{120}^{(21)}m_{013}^{(00)}\\
&+3m_{110}^{(20)}m_{120}^{(22)}m_{211}^{(21)}+4m_{110}^{(20)}m_{120}^{(22)}m_{121}^{(20)}-6m_{110}^{(20)}m_{120}^{(22)}m_{112}^{(10)}-m_{110}^{(20)}m_{120}^{(22)}m_{022}^{(00)}\\
&-m_{110}^{(20)}m_{111}^{(00)}m_{031}^{(22)}+m_{110}^{(20)}m_{111}^{(00)}m_{013}^{(11)}-2m_{110}^{(20)}m_{111}^{(10)}m_{121}^{(22)}-4m_{110}^{(20)}m_{111}^{(10)}m_{112}^{(21)}\\
&+2m_{110}^{(20)}m_{111}^{(10)}m_{103}^{(11)}+4m_{110}^{(20)}m_{111}^{(10)}m_{022}^{(20)}-m_{110}^{(20)}m_{111}^{(11)}m_{211}^{(22)}-2m_{110}^{(20)}m_{111}^{(11)}m_{202}^{(21)}\\
&+6m_{110}^{(20)}m_{111}^{(11)}m_{112}^{(20)}-2m_{110}^{(20)}m_{111}^{(11)}m_{103}^{(10)}-m_{110}^{(20)}m_{111}^{(11)}m_{013}^{(00)}+2m_{110}^{(20)}m_{111}^{(20)}m_{130}^{(22)}\\
&+4m_{110}^{(20)}m_{111}^{(20)}m_{121}^{(21)}-2m_{110}^{(20)}m_{111}^{(20)}m_{112}^{(11)}-4m_{110}^{(20)}m_{111}^{(20)}m_{022}^{(10)}+2m_{110}^{(20)}m_{111}^{(21)}m_{220}^{(22)}\\
&+4m_{110}^{(20)}m_{111}^{(21)}m_{211}^{(21)}+2m_{110}^{(20)}m_{111}^{(21)}m_{202}^{(11)}-8m_{110}^{(20)}m_{111}^{(21)}m_{121}^{(20)}-2m_{110}^{(20)}m_{111}^{(22)}m_{220}^{(21)}\\
&-3m_{110}^{(20)}m_{111}^{(22)}m_{211}^{(11)}-2m_{110}^{(20)}m_{111}^{(22)}m_{130}^{(20)}+6m_{110}^{(20)}m_{111}^{(22)}m_{121}^{(10)}+m_{110}^{(20)}m_{111}^{(22)}m_{031}^{(00)}\\
&+m_{110}^{(20)}m_{102}^{(00)}m_{031}^{(21)}-m_{110}^{(20)}m_{102}^{(00)}m_{022}^{(11)}+2m_{110}^{(20)}m_{102}^{(10)}m_{121}^{(21)}-2m_{110}^{(20)}m_{102}^{(10)}m_{031}^{(20)}\\
&+m_{110}^{(20)}m_{102}^{(11)}m_{211}^{(21)}-2m_{110}^{(20)}m_{102}^{(11)}m_{121}^{(20)}+m_{110}^{(20)}m_{102}^{(11)}m_{022}^{(00)}-2m_{110}^{(20)}m_{102}^{(20)}m_{121}^{(21)}\\
&+2m_{110}^{(20)}m_{102}^{(20)}m_{031}^{(10)}-2m_{110}^{(20)}m_{102}^{(21)}m_{220}^{(21)}-m_{110}^{(20)}m_{102}^{(21)}m_{211}^{(11)}+4m_{110}^{(20)}m_{102}^{(20)}m_{130}^{(21)}\\
&-m_{110}^{(20)}m_{102}^{(21)}m_{031}^{(00)}+2m_{110}^{(20)}m_{102}^{(22)}m_{220}^{(11)}-2m_{110}^{(20)}m_{102}^{(22)}m_{130}^{(10)}-m_{110}^{(20)}m_{030}^{(00)}m_{112}^{(22)}\\
&+m_{110}^{(20)}m_{030}^{(00)}m_{013}^{(20)}-2m_{110}^{(20)}m_{030}^{(10)}m_{202}^{(22)}+2m_{110}^{(20)}m_{030}^{(10)}m_{103}^{(20)}+3m_{110}^{(20)}m_{030}^{(20)}m_{211}^{(22)}\\
&-2m_{110}^{(20)}m_{030}^{(20)}m_{112}^{(20)}-m_{110}^{(20)}m_{030}^{(20)}m_{013}^{(00)}+2m_{110}^{(20)}m_{030}^{(21)}m_{202}^{(20)}-2m_{110}^{(20)}m_{030}^{(21)}m_{103}^{(00)}\\
&-3m_{110}^{(20)}m_{030}^{(22)}m_{211}^{(20)}+3m_{110}^{(20)}m_{030}^{(22)}m_{112}^{(00)}+m_{110}^{(20)}m_{021}^{(00)}m_{121}^{(22)}+2m_{110}^{(20)}m_{021}^{(00)}m_{112}^{(21)}\\
&-2m_{110}^{(20)}m_{021}^{(00)}m_{022}^{(20)}-m_{110}^{(20)}m_{021}^{(00)}m_{013}^{(10)}+m_{110}^{(20)}m_{021}^{(10)}m_{211}^{(22)}+4m_{110}^{(20)}m_{021}^{(10)}m_{202}^{(21)}\\
&-4m_{110}^{(20)}m_{021}^{(10)}m_{112}^{(20)}-2m_{110}^{(20)}m_{021}^{(10)}m_{103}^{(10)}+m_{110}^{(20)}m_{021}^{(10)}m_{013}^{(00)}-2m_{110}^{(20)}m_{021}^{(11)}m_{202}^{(20)}\\
&+2m_{110}^{(20)}m_{021}^{(11)}m_{103}^{(00)}-2m_{110}^{(20)}m_{021}^{(20)}m_{220}^{(22)}-6m_{110}^{(20)}m_{021}^{(20)}m_{211}^{(21)}+4m_{110}^{(20)}m_{021}^{(20)}m_{121}^{(20)}\\
&+2m_{110}^{(20)}m_{021}^{(20)}m_{112}^{(10)}+2m_{110}^{(20)}m_{021}^{(20)}m_{022}^{(00)}+2m_{110}^{(20)}m_{021}^{(21)}m_{211}^{(20)}-2m_{110}^{(20)}m_{021}^{(21)}m_{202}^{(10)}\\
&+2m_{110}^{(20)}m_{021}^{(22)}m_{220}^{(20)}+3m_{110}^{(20)}m_{021}^{(22)}m_{211}^{(10)}-5m_{110}^{(20)}m_{021}^{(22)}m_{121}^{(00)}-2m_{110}^{(20)}m_{012}^{(00)}m_{121}^{(21)}\\
&-m_{110}^{(20)}m_{012}^{(00)}m_{112}^{(11)}+m_{110}^{(20)}m_{012}^{(00)}m_{031}^{(20)}+2m_{110}^{(20)}m_{012}^{(00)}m_{022}^{(10)}-2m_{110}^{(20)}m_{012}^{(10)}m_{211}^{(21)}\\
&-2m_{110}^{(20)}m_{012}^{(10)}m_{202}^{(11)}+2m_{110}^{(20)}m_{012}^{(10)}m_{121}^{(20)}+4m_{110}^{(20)}m_{012}^{(10)}m_{112}^{(10)}-2m_{110}^{(20)}m_{012}^{(10)}m_{022}^{(00)}\\
&+m_{110}^{(20)}m_{012}^{(11)}m_{211}^{(20)}+2m_{110}^{(20)}m_{012}^{(11)}m_{202}^{(10)}-3m_{110}^{(20)}m_{012}^{(11)}m_{112}^{(00)}+4m_{110}^{(20)}m_{012}^{(20)}m_{220}^{(21)}\\
&+3m_{110}^{(20)}m_{012}^{(20)}m_{211}^{(11)}-2m_{110}^{(20)}m_{012}^{(20)}m_{130}^{(20)}-4m_{110}^{(20)}m_{012}^{(20)}m_{121}^{(10)}-m_{110}^{(20)}m_{012}^{(20)}m_{031}^{(00)}\\
&-2m_{110}^{(20)}m_{012}^{(21)}m_{220}^{(20)}-2m_{110}^{(20)}m_{012}^{(21)}m_{211}^{(10)}+4m_{110}^{(20)}m_{012}^{(21)}m_{121}^{(00)}-2m_{110}^{(20)}m_{012}^{(22)}m_{220}^{(10)}\\
&+2m_{110}^{(20)}m_{012}^{(22)}m_{130}^{(00)}+m_{110}^{(20)}m_{003}^{(00)}m_{121}^{(11)}-m_{110}^{(20)}m_{003}^{(00)}m_{031}^{(10)}+m_{110}^{(20)}m_{003}^{(10)}m_{211}^{(11)}\\
&-2m_{110}^{(20)}m_{003}^{(10)}m_{121}^{(10)}+m_{110}^{(20)}m_{003}^{(10)}m_{031}^{(00)}-m_{110}^{(20)}m_{003}^{(11)}m_{211}^{(10)}+m_{110}^{(20)}m_{003}^{(11)}m_{121}^{(00)}\\
&-2m_{110}^{(20)}m_{003}^{(20)}m_{220}^{(11)}+2m_{110}^{(20)}m_{003}^{(20)}m_{130}^{(10)}+2m_{110}^{(20)}m_{003}^{(21)}m_{220}^{(10)}-2m_{110}^{(20)}m_{003}^{(21)}m_{130}^{(00)}\\
&+2m_{110}^{(21)}m_{300}^{(10)}m_{022}^{(22)}-2m_{110}^{(21)}m_{300}^{(10)}m_{013}^{(21)}+m_{110}^{(21)}m_{300}^{(11)}m_{112}^{(22)}-m_{110}^{(21)}m_{300}^{(11)}m_{103}^{(21)}
\end{aligned}
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\begin{aligned}
&-2m_{110}^{(21)}m_{300}^{(20)}m_{022}^{(21)}+2m_{110}^{(21)}m_{300}^{(20)}m_{013}^{(11)}-3m_{110}^{(21)}m_{300}^{(21)}m_{121}^{(22)}+2m_{110}^{(21)}m_{300}^{(21)}m_{112}^{(21)}\\
&+m_{110}^{(21)}m_{300}^{(21)}m_{103}^{(11)}+3m_{110}^{(21)}m_{300}^{(22)}m_{121}^{(21)}-3m_{110}^{(21)}m_{300}^{(22)}m_{112}^{(11)}-2m_{110}^{(21)}m_{210}^{(00)}m_{022}^{(22)}\\
&+2m_{110}^{(21)}m_{210}^{(00)}m_{013}^{(21)}-4m_{110}^{(21)}m_{210}^{(10)}m_{112}^{(22)}+2m_{110}^{(21)}m_{210}^{(10)}m_{103}^{(21)}+2m_{110}^{(21)}m_{210}^{(10)}m_{013}^{(20)}\\
&-m_{110}^{(21)}m_{210}^{(11)}m_{202}^{(22)}+m_{110}^{(21)}m_{210}^{(11)}m_{103}^{(20)}+3m_{110}^{(21)}m_{210}^{(20)}m_{121}^{(22)}-m_{110}^{(21)}m_{210}^{(20)}m_{103}^{(11)}\\
&+2m_{110}^{(21)}m_{210}^{(20)}m_{022}^{(20)}-4m_{110}^{(21)}m_{210}^{(20)}m_{013}^{(10)}+4m_{110}^{(21)}m_{210}^{(21)}m_{211}^{(22)}-2m_{110}^{(21)}m_{210}^{(21)}m_{112}^{(20)}\\
&-2m_{110}^{(21)}m_{210}^{(21)}m_{103}^{(10)}-4m_{110}^{(21)}m_{210}^{(22)}m_{211}^{(21)}+m_{110}^{(21)}m_{210}^{(22)}m_{202}^{(11)}-3m_{110}^{(21)}m_{210}^{(22)}m_{121}^{(20)}\\
&+6m_{110}^{(21)}m_{210}^{(22)}m_{112}^{(10)}+2m_{110}^{(21)}m_{201}^{(00)}m_{022}^{(21)}-2m_{110}^{(21)}m_{201}^{(00)}m_{013}^{(11)}-m_{110}^{(21)}m_{201}^{(10)}m_{121}^{(22)}\\
&+4m_{110}^{(21)}m_{201}^{(10)}m_{112}^{(21)}-m_{110}^{(21)}m_{201}^{(10)}m_{103}^{(11)}-4m_{110}^{(21)}m_{201}^{(10)}m_{022}^{(20)}+2m_{110}^{(21)}m_{201}^{(10)}m_{013}^{(10)}\\
&-m_{110}^{(21)}m_{201}^{(11)}m_{211}^{(22)}+2m_{110}^{(21)}m_{201}^{(11)}m_{202}^{(21)}-2m_{110}^{(21)}m_{201}^{(11)}m_{112}^{(20)}+m_{110}^{(21)}m_{201}^{(11)}m_{103}^{(10)}\\
&-2m_{110}^{(21)}m_{201}^{(20)}m_{121}^{(21)}+2m_{110}^{(21)}m_{201}^{(20)}m_{022}^{(10)}+2m_{110}^{(21)}m_{201}^{(21)}m_{220}^{(22)}-4m_{110}^{(21)}m_{201}^{(21)}m_{211}^{(21)}\\
&-2m_{110}^{(21)}m_{201}^{(21)}m_{202}^{(11)}+6m_{110}^{(21)}m_{201}^{(21)}m_{121}^{(20)}-2m_{110}^{(21)}m_{201}^{(21)}m_{112}^{(10)}-2m_{110}^{(21)}m_{201}^{(22)}m_{220}^{(21)}\\
&+5m_{110}^{(21)}m_{201}^{(22)}m_{211}^{(11)}-3m_{110}^{(21)}m_{201}^{(22)}m_{121}^{(10)}+3m_{110}^{(21)}m_{120}^{(00)}m_{112}^{(22)}-m_{110}^{(21)}m_{120}^{(00)}m_{103}^{(21)}\\
&-2m_{110}^{(21)}m_{120}^{(00)}m_{013}^{(20)}+2m_{110}^{(21)}m_{120}^{(10)}m_{202}^{(22)}-2m_{110}^{(21)}m_{120}^{(10)}m_{103}^{(20)}-4m_{110}^{(21)}m_{120}^{(20)}m_{211}^{(22)}\\
&+2m_{110}^{(21)}m_{120}^{(20)}m_{103}^{(10)}+2m_{110}^{(21)}m_{120}^{(20)}m_{013}^{(00)}-m_{110}^{(21)}m_{120}^{(21)}m_{301}^{(22)}+m_{110}^{(21)}m_{120}^{(21)}m_{103}^{(00)}\\
&+m_{110}^{(21)}m_{120}^{(22)}m_{301}^{(21)}+4m_{110}^{(21)}m_{120}^{(22)}m_{211}^{(20)}-2m_{110}^{(21)}m_{120}^{(22)}m_{202}^{(10)}-3m_{110}^{(21)}m_{120}^{(22)}m_{112}^{(00)}\\
&+m_{110}^{(21)}m_{111}^{(00)}m_{121}^{(22)}-6m_{110}^{(21)}m_{111}^{(00)}m_{112}^{(21)}+m_{110}^{(21)}m_{111}^{(00)}m_{103}^{(11)}+2m_{110}^{(21)}m_{111}^{(00)}m_{022}^{(20)}\\
&+2m_{110}^{(21)}m_{111}^{(00)}m_{013}^{(10)}+2m_{110}^{(21)}m_{111}^{(10)}m_{211}^{(22)}-4m_{110}^{(21)}m_{111}^{(10)}m_{202}^{(21)}+4m_{110}^{(21)}m_{111}^{(10)}m_{112}^{(20)}\\
&-2m_{110}^{(21)}m_{111}^{(10)}m_{013}^{(00)}+m_{110}^{(21)}m_{111}^{(11)}m_{301}^{(22)}-m_{110}^{(21)}m_{111}^{(11)}m_{103}^{(00)}-2m_{110}^{(21)}m_{111}^{(20)}m_{220}^{(22)}\\
&+8m_{110}^{(21)}m_{111}^{(20)}m_{211}^{(21)}-4m_{110}^{(21)}m_{111}^{(20)}m_{121}^{(20)}-2m_{110}^{(21)}m_{111}^{(20)}m_{022}^{(00)}-2m_{110}^{(21)}m_{111}^{(21)}m_{310}^{(22)}\\
&-4m_{110}^{(21)}m_{111}^{(21)}m_{211}^{(20)}+4m_{110}^{(21)}m_{111}^{(21)}m_{202}^{(10)}+2m_{110}^{(21)}m_{111}^{(21)}m_{112}^{(00)}+2m_{110}^{(21)}m_{111}^{(22)}m_{310}^{(21)}\\
&-m_{110}^{(21)}m_{111}^{(22)}m_{301}^{(11)}+2m_{110}^{(21)}m_{111}^{(22)}m_{220}^{(20)}-6m_{110}^{(21)}m_{111}^{(22)}m_{211}^{(10)}+3m_{110}^{(21)}m_{111}^{(22)}m_{121}^{(00)}\\
&-m_{110}^{(21)}m_{102}^{(00)}m_{121}^{(21)}+3m_{110}^{(21)}m_{102}^{(00)}m_{112}^{(11)}-2m_{110}^{(21)}m_{102}^{(00)}m_{022}^{(10)}-2m_{110}^{(21)}m_{102}^{(10)}m_{211}^{(21)}\\
&+2m_{110}^{(21)}m_{102}^{(10)}m_{202}^{(11)}+2m_{110}^{(21)}m_{102}^{(10)}m_{121}^{(20)}-4m_{110}^{(21)}m_{102}^{(10)}m_{112}^{(10)}+2m_{110}^{(21)}m_{102}^{(10)}m_{022}^{(00)}\\
&-m_{110}^{(21)}m_{102}^{(11)}m_{301}^{(21)}+2m_{110}^{(21)}m_{102}^{(11)}m_{211}^{(20)}-2m_{110}^{(21)}m_{102}^{(11)}m_{202}^{(10)}+m_{110}^{(21)}m_{102}^{(11)}m_{112}^{(00)}\\
&+2m_{110}^{(21)}m_{102}^{(20)}m_{220}^{(21)}-4m_{110}^{(21)}m_{102}^{(20)}m_{211}^{(11)}+2m_{110}^{(21)}m_{102}^{(20)}m_{121}^{(10)}+2m_{110}^{(21)}m_{102}^{(21)}m_{310}^{(21)}\\
&+m_{110}^{(21)}m_{102}^{(21)}m_{301}^{(11)}-4m_{110}^{(21)}m_{102}^{(21)}m_{220}^{(20)}+4m_{110}^{(21)}m_{102}^{(21)}m_{211}^{(10)}-3m_{110}^{(21)}m_{102}^{(21)}m_{121}^{(00)}\\
&-2m_{110}^{(21)}m_{102}^{(22)}m_{310}^{(11)}+2m_{110}^{(21)}m_{102}^{(22)}m_{220}^{(10)}-m_{110}^{(21)}m_{030}^{(00)}m_{202}^{(22)}+m_{110}^{(21)}m_{030}^{(00)}m_{103}^{(20)}\\
&+m_{110}^{(21)}m_{030}^{(20)}m_{301}^{(22)}-m_{110}^{(21)}m_{030}^{(20)}m_{103}^{(00)}-m_{110}^{(21)}m_{030}^{(22)}m_{301}^{(20)}+m_{110}^{(21)}m_{030}^{(22)}m_{202}^{(00)}\\
&-m_{110}^{(21)}m_{021}^{(00)}m_{211}^{(22)}+2m_{110}^{(21)}m_{021}^{(00)}m_{202}^{(21)}-m_{110}^{(21)}m_{021}^{(00)}m_{103}^{(10)}-m_{110}^{(21)}m_{021}^{(10)}m_{301}^{(22)}\\
&+m_{110}^{(21)}m_{021}^{(10)}m_{103}^{(00)}+2m_{110}^{(21)}m_{021}^{(20)}m_{310}^{(22)}-2m_{110}^{(21)}m_{021}^{(20)}m_{301}^{(21)}+2m_{110}^{(21)}m_{021}^{(21)}m_{301}^{(20)}\\
&-2m_{110}^{(21)}m_{021}^{(21)}m_{202}^{(00)}-2m_{110}^{(21)}m_{021}^{(22)}m_{310}^{(20)}+m_{110}^{(21)}m_{021}^{(22)}m_{301}^{(10)}+m_{110}^{(21)}m_{021}^{(22)}m_{211}^{(00)}\\
&+2m_{110}^{(21)}m_{012}^{(00)}m_{211}^{(21)}-m_{110}^{(21)}m_{012}^{(00)}m_{202}^{(11)}-m_{110}^{(21)}m_{012}^{(00)}m_{121}^{(20)}+2m_{110}^{(21)}m_{012}^{(10)}m_{301}^{(21)}\\
&-2m_{110}^{(21)}m_{012}^{(10)}m_{211}^{(20)}-m_{110}^{(21)}m_{012}^{(11)}m_{301}^{(20)}+m_{110}^{(21)}m_{012}^{(11)}m_{202}^{(00)}-4m_{110}^{(21)}m_{012}^{(20)}m_{310}^{(21)}\\
&+m_{110}^{(21)}m_{012}^{(20)}m_{301}^{(11)}+2m_{110}^{(21)}m_{012}^{(20)}m_{220}^{(20)}+m_{110}^{(21)}m_{012}^{(20)}m_{121}^{(00)}+2m_{110}^{(21)}m_{012}^{(21)}m_{310}^{(20)}\\
&-2m_{110}^{(21)}m_{012}^{(21)}m_{301}^{(10)}+2m_{110}^{(21)}m_{012}^{(22)}m_{310}^{(10)}-2m_{110}^{(21)}m_{012}^{(22)}m_{220}^{(00)}-m_{110}^{(21)}m_{003}^{(00)}m_{211}^{(11)}\\
&+m_{110}^{(21)}m_{003}^{(00)}m_{121}^{(10)}-m_{110}^{(21)}m_{003}^{(10)}m_{301}^{(11)}+2m_{110}^{(21)}m_{003}^{(10)}m_{211}^{(10)}-m_{110}^{(21)}m_{003}^{(10)}m_{121}^{(00)}\\
&+m_{110}^{(21)}m_{003}^{(11)}m_{301}^{(10)}-m_{110}^{(21)}m_{003}^{(11)}m_{211}^{(00)}+2m_{110}^{(21)}m_{003}^{(20)}m_{310}^{(11)}-2m_{110}^{(21)}m_{003}^{(20)}m_{220}^{(10)}\\
&-2m_{110}^{(21)}m_{003}^{(21)}m_{310}^{(10)}+2m_{110}^{(21)}m_{003}^{(21)}m_{220}^{(00)}-m_{110}^{(22)}m_{300}^{(10)}m_{031}^{(22)}+m_{110}^{(22)}m_{300}^{(10)}m_{022}^{(21)}
\end{aligned}
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\begin{aligned}
&-m_{110}^{(22)}m_{300}^{(11)}m_{121}^{(22)}+m_{110}^{(22)}m_{300}^{(11)}m_{112}^{(21)}+m_{110}^{(22)}m_{300}^{(20)}m_{031}^{(21)}-m_{110}^{(22)}m_{300}^{(20)}m_{022}^{(11)}\\
&+2m_{110}^{(22)}m_{300}^{(21)}m_{130}^{(22)}-m_{110}^{(22)}m_{300}^{(21)}m_{121}^{(21)}-m_{110}^{(22)}m_{300}^{(21)}m_{112}^{(11)}-2m_{110}^{(22)}m_{300}^{(22)}m_{130}^{(21)}\\
&+2m_{110}^{(22)}m_{300}^{(22)}m_{121}^{(11)}+m_{110}^{(22)}m_{210}^{(00)}m_{031}^{(22)}-m_{110}^{(22)}m_{210}^{(00)}m_{022}^{(21)}+3m_{110}^{(22)}m_{210}^{(10)}m_{121}^{(22)}\\
&-2m_{110}^{(22)}m_{210}^{(10)}m_{112}^{(21)}-m_{110}^{(22)}m_{210}^{(10)}m_{022}^{(20)}+2m_{110}^{(22)}m_{210}^{(11)}m_{211}^{(22)}-m_{110}^{(22)}m_{210}^{(11)}m_{202}^{(21)}\\
&-m_{110}^{(22)}m_{210}^{(11)}m_{112}^{(20)}-2m_{110}^{(22)}m_{210}^{(20)}m_{130}^{(22)}+m_{110}^{(22)}m_{210}^{(20)}m_{112}^{(11)}-m_{110}^{(22)}m_{210}^{(20)}m_{031}^{(20)}\\
&+2m_{110}^{(22)}m_{210}^{(20)}m_{022}^{(10)}-4m_{110}^{(22)}m_{210}^{(21)}m_{220}^{(22)}+m_{110}^{(22)}m_{210}^{(21)}m_{202}^{(11)}+m_{110}^{(22)}m_{210}^{(21)}m_{121}^{(20)}\\
&+2m_{110}^{(22)}m_{210}^{(21)}m_{112}^{(10)}+4m_{110}^{(22)}m_{210}^{(22)}m_{220}^{(21)}-2m_{110}^{(22)}m_{210}^{(22)}m_{211}^{(11)}+2m_{110}^{(22)}m_{210}^{(22)}m_{130}^{(20)}\\
&-4m_{110}^{(22)}m_{210}^{(22)}m_{121}^{(10)}-m_{110}^{(22)}m_{201}^{(00)}m_{031}^{(21)}+m_{110}^{(22)}m_{201}^{(00)}m_{022}^{(11)}-2m_{110}^{(22)}m_{201}^{(10)}m_{121}^{(21)}\\
&+m_{110}^{(22)}m_{201}^{(10)}m_{112}^{(11)}+2m_{110}^{(22)}m_{201}^{(10)}m_{031}^{(20)}-m_{110}^{(22)}m_{201}^{(10)}m_{022}^{(10)}-m_{110}^{(22)}m_{201}^{(11)}m_{211}^{(21)}\\
&+2m_{110}^{(22)}m_{201}^{(11)}m_{121}^{(20)}-m_{110}^{(22)}m_{201}^{(11)}m_{112}^{(10)}+2m_{110}^{(22)}m_{201}^{(20)}m_{130}^{(21)}-m_{110}^{(22)}m_{201}^{(20)}m_{121}^{(11)}\\
&-m_{110}^{(22)}m_{201}^{(20)}m_{031}^{(10)}+2m_{110}^{(22)}m_{201}^{(21)}m_{220}^{(21)}+m_{110}^{(22)}m_{201}^{(21)}m_{211}^{(11)}-4m_{110}^{(22)}m_{201}^{(21)}m_{130}^{(20)}\\
&+m_{110}^{(22)}m_{201}^{(21)}m_{121}^{(10)}-2m_{110}^{(22)}m_{201}^{(22)}m_{220}^{(11)}+2m_{110}^{(22)}m_{201}^{(22)}m_{130}^{(10)}-2m_{110}^{(22)}m_{120}^{(00)}m_{121}^{(22)}\\
&+m_{110}^{(22)}m_{120}^{(00)}m_{112}^{(21)}+m_{110}^{(22)}m_{120}^{(00)}m_{022}^{(20)}-3m_{110}^{(22)}m_{120}^{(10)}m_{211}^{(22)}+m_{110}^{(22)}m_{120}^{(10)}m_{202}^{(21)}\\
&+2m_{110}^{(22)}m_{120}^{(10)}m_{112}^{(20)}-m_{110}^{(22)}m_{120}^{(11)}m_{301}^{(22)}+m_{110}^{(22)}m_{120}^{(11)}m_{202}^{(20)}+4m_{110}^{(22)}m_{120}^{(20)}m_{220}^{(22)}\\
&-m_{110}^{(22)}m_{120}^{(20)}m_{211}^{(21)}-2m_{110}^{(22)}m_{120}^{(20)}m_{112}^{(10)}-m_{110}^{(22)}m_{120}^{(20)}m_{022}^{(00)}+2m_{110}^{(22)}m_{120}^{(21)}m_{310}^{(22)}\\
&+m_{110}^{(22)}m_{120}^{(21)}m_{301}^{(21)}-2m_{110}^{(22)}m_{120}^{(21)}m_{202}^{(10)}-m_{110}^{(22)}m_{120}^{(21)}m_{112}^{(00)}-2m_{110}^{(22)}m_{120}^{(22)}m_{310}^{(21)}\\
&-4m_{110}^{(22)}m_{120}^{(22)}m_{220}^{(20)}+4m_{110}^{(22)}m_{120}^{(22)}m_{211}^{(10)}+2m_{110}^{(22)}m_{120}^{(22)}m_{121}^{(00)}+3m_{110}^{(22)}m_{111}^{(00)}m_{121}^{(21)}\\
&-m_{110}^{(22)}m_{111}^{(00)}m_{112}^{(11)}-m_{110}^{(22)}m_{111}^{(00)}m_{031}^{(20)}-m_{110}^{(22)}m_{111}^{(00)}m_{022}^{(10)}+4m_{110}^{(22)}m_{111}^{(10)}m_{211}^{(21)}\\
&-m_{110}^{(22)}m_{111}^{(10)}m_{202}^{(11)}-4m_{110}^{(22)}m_{111}^{(10)}m_{121}^{(20)}+m_{110}^{(22)}m_{111}^{(10)}m_{022}^{(00)}+m_{110}^{(22)}m_{111}^{(11)}m_{301}^{(21)}\\
&-3m_{110}^{(22)}m_{111}^{(11)}m_{211}^{(20)}+m_{110}^{(22)}m_{111}^{(11)}m_{202}^{(10)}+m_{110}^{(22)}m_{111}^{(11)}m_{112}^{(00)}-6m_{110}^{(22)}m_{111}^{(20)}m_{220}^{(21)}\\
&+m_{110}^{(22)}m_{111}^{(20)}m_{211}^{(11)}+2m_{110}^{(22)}m_{111}^{(20)}m_{130}^{(20)}+2m_{110}^{(22)}m_{111}^{(20)}m_{121}^{(10)}+m_{110}^{(22)}m_{111}^{(20)}m_{031}^{(00)}\\
&-2m_{110}^{(22)}m_{111}^{(21)}m_{310}^{(21)}-m_{110}^{(22)}m_{111}^{(21)}m_{301}^{(11)}+6m_{110}^{(22)}m_{111}^{(21)}m_{220}^{(20)}-2m_{110}^{(22)}m_{111}^{(21)}m_{211}^{(10)}\\
&-m_{110}^{(22)}m_{111}^{(21)}m_{121}^{(00)}+2m_{110}^{(22)}m_{111}^{(22)}m_{310}^{(11)}-2m_{110}^{(22)}m_{111}^{(22)}m_{130}^{(00)}-m_{110}^{(22)}m_{102}^{(00)}m_{121}^{(11)}\\
&+m_{110}^{(22)}m_{102}^{(00)}m_{031}^{(10)}-m_{110}^{(22)}m_{102}^{(10)}m_{211}^{(11)}+2m_{110}^{(22)}m_{102}^{(10)}m_{121}^{(10)}-m_{110}^{(22)}m_{102}^{(10)}m_{031}^{(00)}\\
&+m_{110}^{(22)}m_{102}^{(11)}m_{211}^{(10)}-m_{110}^{(22)}m_{102}^{(11)}m_{121}^{(00)}+2m_{110}^{(22)}m_{102}^{(20)}m_{220}^{(11)}-2m_{110}^{(22)}m_{102}^{(20)}m_{130}^{(10)}\\
&-2m_{110}^{(22)}m_{102}^{(21)}m_{220}^{(10)}+2m_{110}^{(22)}m_{102}^{(21)}m_{130}^{(00)}+m_{110}^{(22)}m_{030}^{(00)}m_{211}^{(22)}-m_{110}^{(22)}m_{030}^{(00)}m_{112}^{(20)}\\
&+m_{110}^{(22)}m_{030}^{(10)}m_{301}^{(22)}-m_{110}^{(22)}m_{030}^{(10)}m_{202}^{(20)}-2m_{110}^{(22)}m_{030}^{(20)}m_{310}^{(22)}+m_{110}^{(22)}m_{030}^{(20)}m_{211}^{(20)}\\
&+m_{110}^{(22)}m_{030}^{(20)}m_{112}^{(00)}-m_{110}^{(22)}m_{030}^{(21)}m_{301}^{(20)}+m_{110}^{(22)}m_{030}^{(21)}m_{202}^{(00)}+2m_{110}^{(22)}m_{030}^{(22)}m_{310}^{(20)}\\
&-2m_{110}^{(22)}m_{030}^{(22)}m_{211}^{(00)}-2m_{110}^{(22)}m_{021}^{(00)}m_{211}^{(21)}+m_{110}^{(22)}m_{021}^{(00)}m_{121}^{(20)}+m_{110}^{(22)}m_{021}^{(00)}m_{112}^{(10)}\\
&-2m_{110}^{(22)}m_{021}^{(10)}m_{301}^{(21)}+2m_{110}^{(22)}m_{021}^{(10)}m_{211}^{(20)}+m_{110}^{(22)}m_{021}^{(10)}m_{202}^{(10)}-m_{110}^{(22)}m_{021}^{(10)}m_{112}^{(00)}\\
&+m_{110}^{(22)}m_{021}^{(11)}m_{301}^{(20)}-m_{110}^{(22)}m_{021}^{(11)}m_{202}^{(00)}+4m_{110}^{(22)}m_{021}^{(20)}m_{310}^{(21)}-2m_{110}^{(22)}m_{021}^{(20)}m_{220}^{(20)}\\
&-m_{110}^{(22)}m_{021}^{(20)}m_{211}^{(10)}-m_{110}^{(22)}m_{021}^{(20)}m_{121}^{(00)}-2m_{110}^{(22)}m_{021}^{(21)}m_{310}^{(20)}+m_{110}^{(22)}m_{021}^{(21)}m_{301}^{(10)}\\
&+m_{110}^{(22)}m_{021}^{(21)}m_{211}^{(00)}-2m_{110}^{(22)}m_{021}^{(22)}m_{310}^{(10)}+2m_{110}^{(22)}m_{021}^{(22)}m_{220}^{(00)}+m_{110}^{(22)}m_{012}^{(00)}m_{211}^{(11)}\\
&-m_{110}^{(22)}m_{012}^{(00)}m_{121}^{(10)}+m_{110}^{(22)}m_{012}^{(10)}m_{301}^{(11)}-2m_{110}^{(22)}m_{012}^{(10)}m_{211}^{(10)}+m_{110}^{(22)}m_{012}^{(10)}m_{121}^{(00)}\\
&-m_{110}^{(22)}m_{012}^{(11)}m_{301}^{(10)}+m_{110}^{(22)}m_{012}^{(11)}m_{211}^{(00)}-2m_{110}^{(22)}m_{012}^{(20)}m_{310}^{(11)}+2m_{110}^{(22)}m_{012}^{(20)}m_{220}^{(10)}\\
&+2m_{110}^{(22)}m_{012}^{(21)}m_{310}^{(10)}-2m_{110}^{(22)}m_{012}^{(21)}m_{220}^{(00)}-m_{101}^{(00)}m_{210}^{(11)}m_{022}^{(22)}+m_{101}^{(00)}m_{210}^{(11)}m_{013}^{(21)}\\
&+m_{101}^{(00)}m_{210}^{(21)}m_{031}^{(22)}-m_{101}^{(00)}m_{210}^{(21)}m_{013}^{(11)}-m_{101}^{(00)}m_{210}^{(22)}m_{031}^{(21)}+m_{101}^{(00)}m_{210}^{(22)}m_{022}^{(11)}\\
&+m_{101}^{(00)}m_{201}^{(11)}m_{031}^{(22)}-m_{101}^{(00)}m_{201}^{(11)}m_{022}^{(21)}-m_{101}^{(00)}m_{201}^{(21)}m_{040}^{(22)}+m_{101}^{(00)}m_{201}^{(21)}m_{022}^{(11)}
\end{aligned}
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\begin{aligned}
&+m_{101}^{(00)}m_{201}^{(22)}m_{040}^{(21)} - m_{101}^{(00)}m_{201}^{(22)}m_{031}^{(11)} + m_{101}^{(00)}m_{120}^{(10)}m_{022}^{(22)} - m_{101}^{(00)}m_{120}^{(10)}m_{013}^{(21)}\\
&+m_{101}^{(00)}m_{120}^{(11)}m_{112}^{(22)} - m_{101}^{(00)}m_{120}^{(11)}m_{013}^{(20)} - m_{101}^{(00)}m_{120}^{(20)}m_{031}^{(22)} + m_{101}^{(00)}m_{120}^{(20)}m_{022}^{(21)}\\
&-m_{101}^{(00)}m_{120}^{(21)}m_{121}^{(22)} - m_{101}^{(00)}m_{120}^{(21)}m_{112}^{(21)} + 2m_{101}^{(00)}m_{120}^{(21)}m_{013}^{(10)} + m_{101}^{(00)}m_{120}^{(22)}m_{121}^{(21)}\\
&+m_{101}^{(00)}m_{120}^{(22)}m_{031}^{(20)} - 2m_{101}^{(00)}m_{120}^{(22)}m_{022}^{(10)} - m_{101}^{(00)}m_{111}^{(10)}m_{031}^{(22)} + m_{101}^{(00)}m_{111}^{(10)}m_{013}^{(11)}\\
&-m_{101}^{(00)}m_{111}^{(11)}m_{121}^{(22)} - m_{101}^{(00)}m_{111}^{(11)}m_{112}^{(21)} + 3m_{101}^{(00)}m_{111}^{(11)}m_{022}^{(20)} - m_{101}^{(00)}m_{111}^{(11)}m_{013}^{(10)}\\
&+m_{101}^{(00)}m_{111}^{(20)}m_{040}^{(22)} - m_{101}^{(00)}m_{111}^{(20)}m_{022}^{(11)} + m_{101}^{(00)}m_{111}^{(21)}m_{130}^{(22)} + 2m_{101}^{(00)}m_{111}^{(21)}m_{121}^{(21)}\\
&+m_{101}^{(00)}m_{111}^{(21)}m_{112}^{(11)} - 2m_{101}^{(00)}m_{111}^{(21)}m_{031}^{(20)} - 2m_{101}^{(00)}m_{111}^{(21)}m_{022}^{(10)} - m_{101}^{(00)}m_{111}^{(22)}m_{130}^{(21)}\\
&-m_{101}^{(00)}m_{111}^{(22)}m_{121}^{(11)} - m_{101}^{(00)}m_{111}^{(22)}m_{040}^{(20)} + 3m_{101}^{(00)}m_{111}^{(22)}m_{031}^{(10)} + m_{101}^{(00)}m_{102}^{(10)}m_{031}^{(21)}\\
&-m_{101}^{(00)}m_{102}^{(10)}m_{022}^{(11)} + m_{101}^{(00)}m_{102}^{(11)}m_{121}^{(21)} - 2m_{101}^{(00)}m_{102}^{(11)}m_{031}^{(20)} + m_{101}^{(00)}m_{102}^{(11)}m_{022}^{(10)}\\
&-m_{101}^{(00)}m_{102}^{(20)}m_{040}^{(21)} + m_{101}^{(00)}m_{102}^{(20)}m_{031}^{(11)} - m_{101}^{(00)}m_{102}^{(21)}m_{130}^{(21)} - m_{101}^{(00)}m_{102}^{(21)}m_{121}^{(11)}\\
&+2m_{101}^{(00)}m_{102}^{(21)}m_{040}^{(20)} + m_{101}^{(00)}m_{102}^{(22)}m_{130}^{(11)} - m_{101}^{(00)}m_{102}^{(22)}m_{040}^{(10)} - m_{101}^{(00)}m_{030}^{(10)}m_{112}^{(22)}\\
&+m_{101}^{(00)}m_{030}^{(10)}m_{013}^{(20)} + m_{101}^{(00)}m_{030}^{(20)}m_{121}^{(22)} - m_{101}^{(00)}m_{030}^{(20)}m_{022}^{(20)} + m_{101}^{(00)}m_{030}^{(21)}m_{112}^{(20)}\\
&-m_{101}^{(00)}m_{030}^{(21)}m_{013}^{(00)} - m_{101}^{(00)}m_{030}^{(22)}m_{121}^{(20)} + m_{101}^{(00)}m_{030}^{(22)}m_{022}^{(00)} + m_{101}^{(00)}m_{021}^{(10)}m_{121}^{(22)}\\
&+2m_{101}^{(00)}m_{021}^{(10)}m_{112}^{(21)} - 2m_{101}^{(00)}m_{021}^{(10)}m_{022}^{(20)} - m_{101}^{(00)}m_{021}^{(10)}m_{013}^{(10)} - m_{101}^{(00)}m_{021}^{(11)}m_{112}^{(20)}\\
&+m_{101}^{(00)}m_{021}^{(11)}m_{013}^{(00)} - m_{101}^{(00)}m_{021}^{(20)}m_{130}^{(22)} - 2m_{101}^{(00)}m_{021}^{(20)}m_{121}^{(21)} + 2m_{101}^{(00)}m_{021}^{(20)}m_{031}^{(20)}\\
&+m_{101}^{(00)}m_{021}^{(20)}m_{022}^{(10)} - m_{101}^{(00)}m_{021}^{(21)}m_{112}^{(10)} + m_{101}^{(00)}m_{021}^{(21)}m_{022}^{(00)} + m_{101}^{(00)}m_{021}^{(22)}m_{130}^{(20)}\\
&+m_{101}^{(00)}m_{021}^{(22)}m_{121}^{(10)} - 2m_{101}^{(00)}m_{021}^{(22)}m_{031}^{(00)} - 2m_{101}^{(00)}m_{012}^{(10)}m_{121}^{(21)} - m_{101}^{(00)}m_{012}^{(10)}m_{112}^{(11)}\\
&+m_{101}^{(00)}m_{012}^{(10)}m_{031}^{(20)} + 2m_{101}^{(00)}m_{012}^{(10)}m_{022}^{(10)} + m_{101}^{(00)}m_{012}^{(11)}m_{121}^{(20)} + m_{101}^{(00)}m_{012}^{(11)}m_{112}^{(10)}\\
&-2m_{101}^{(00)}m_{012}^{(11)}m_{022}^{(00)} + 2m_{101}^{(00)}m_{012}^{(20)}m_{130}^{(21)} + m_{101}^{(00)}m_{012}^{(20)}m_{121}^{(11)} - m_{101}^{(00)}m_{012}^{(20)}m_{040}^{(20)}\\
&-2m_{101}^{(00)}m_{012}^{(20)}m_{031}^{(10)} - m_{101}^{(00)}m_{012}^{(21)}m_{130}^{(20)} + m_{101}^{(00)}m_{012}^{(21)}m_{031}^{(00)} - m_{101}^{(00)}m_{012}^{(22)}m_{130}^{(10)}\\
&+m_{101}^{(00)}m_{012}^{(22)}m_{040}^{(00)} + m_{101}^{(00)}m_{003}^{(10)}m_{121}^{(11)} - m_{101}^{(00)}m_{003}^{(10)}m_{031}^{(10)} - m_{101}^{(00)}m_{003}^{(11)}m_{121}^{(10)}\\
&+m_{101}^{(00)}m_{003}^{(11)}m_{031}^{(00)} - m_{101}^{(00)}m_{003}^{(20)}m_{130}^{(11)} + m_{101}^{(00)}m_{003}^{(20)}m_{040}^{(10)} + m_{101}^{(00)}m_{003}^{(21)}m_{130}^{(10)}\\
&-m_{101}^{(00)}m_{003}^{(21)}m_{040}^{(00)} + m_{101}^{(10)}m_{300}^{(11)}m_{022}^{(22)} - m_{101}^{(10)}m_{300}^{(11)}m_{013}^{(21)} - m_{101}^{(10)}m_{300}^{(21)}m_{031}^{(22)}\\
&+m_{101}^{(10)}m_{300}^{(21)}m_{013}^{(11)} + m_{101}^{(10)}m_{300}^{(22)}m_{031}^{(21)} - m_{101}^{(10)}m_{300}^{(22)}m_{022}^{(11)} - 2m_{101}^{(10)}m_{210}^{(10)}m_{022}^{(22)}\\
&+2m_{101}^{(10)}m_{210}^{(10)}m_{013}^{(21)} + m_{101}^{(10)}m_{210}^{(11)}m_{112}^{(22)} - 2m_{101}^{(10)}m_{210}^{(11)}m_{103}^{(21)} + m_{101}^{(10)}m_{210}^{(11)}m_{013}^{(20)}\\
&+m_{101}^{(10)}m_{210}^{(20)}m_{031}^{(22)} - m_{101}^{(10)}m_{210}^{(20)}m_{013}^{(11)} + 2m_{101}^{(10)}m_{210}^{(21)}m_{103}^{(11)} - 2m_{101}^{(10)}m_{210}^{(21)}m_{013}^{(10)}\\
&-m_{101}^{(10)}m_{210}^{(22)}m_{112}^{(11)} - m_{101}^{(10)}m_{210}^{(22)}m_{031}^{(20)} + 2m_{101}^{(10)}m_{210}^{(22)}m_{022}^{(10)} + m_{101}^{(10)}m_{201}^{(10)}m_{031}^{(22)}\\
&-m_{101}^{(10)}m_{201}^{(10)}m_{013}^{(11)} - 3m_{101}^{(10)}m_{201}^{(11)}m_{121}^{(22)} + 4m_{101}^{(10)}m_{201}^{(11)}m_{112}^{(21)} - 2m_{101}^{(10)}m_{201}^{(11)}m_{022}^{(20)}\\
&+m_{101}^{(10)}m_{201}^{(11)}m_{013}^{(10)} - 2m_{101}^{(10)}m_{201}^{(20)}m_{031}^{(21)} + 2m_{101}^{(10)}m_{201}^{(20)}m_{022}^{(11)} + 2m_{101}^{(10)}m_{201}^{(21)}m_{130}^{(22)}\\
&-4m_{101}^{(10)}m_{201}^{(21)}m_{112}^{(11)} + 2m_{101}^{(10)}m_{201}^{(21)}m_{031}^{(20)} - 2m_{101}^{(10)}m_{201}^{(22)}m_{130}^{(21)} + 3m_{101}^{(10)}m_{201}^{(22)}m_{121}^{(11)}\\
&-m_{101}^{(10)}m_{201}^{(22)}m_{031}^{(10)} + m_{101}^{(10)}m_{120}^{(00)}m_{022}^{(22)} - m_{101}^{(10)}m_{120}^{(00)}m_{013}^{(21)} + 2m_{101}^{(10)}m_{120}^{(10)}m_{103}^{(21)}\\
&-2m_{101}^{(10)}m_{120}^{(10)}m_{013}^{(20)} - 2m_{101}^{(10)}m_{120}^{(11)}m_{202}^{(22)} + 2m_{101}^{(10)}m_{120}^{(11)}m_{103}^{(20)} - 2m_{101}^{(10)}m_{120}^{(20)}m_{112}^{(21)}\\
&+2m_{101}^{(10)}m_{120}^{(20)}m_{013}^{(10)} + m_{101}^{(10)}m_{120}^{(21)}m_{211}^{(22)} + 2m_{101}^{(10)}m_{120}^{(21)}m_{202}^{(21)} - 4m_{101}^{(10)}m_{120}^{(21)}m_{103}^{(10)}\\
&+m_{101}^{(10)}m_{120}^{(21)}m_{013}^{(00)} - m_{101}^{(10)}m_{120}^{(22)}m_{211}^{(21)} + 2m_{101}^{(10)}m_{120}^{(22)}m_{112}^{(10)} - m_{101}^{(10)}m_{120}^{(22)}m_{022}^{(00)}\\
&-m_{101}^{(10)}m_{111}^{(00)}m_{031}^{(22)} + m_{101}^{(10)}m_{111}^{(00)}m_{013}^{(11)} + 2m_{101}^{(10)}m_{111}^{(10)}m_{121}^{(22)} - 4m_{101}^{(10)}m_{111}^{(10)}m_{112}^{(21)}\\
&-2m_{101}^{(10)}m_{111}^{(10)}m_{103}^{(11)} + 4m_{101}^{(10)}m_{111}^{(10)}m_{022}^{(20)} + 3m_{101}^{(10)}m_{111}^{(11)}m_{211}^{(22)} + 2m_{101}^{(10)}m_{111}^{(11)}m_{202}^{(21)}\\
&-6m_{101}^{(10)}m_{111}^{(11)}m_{112}^{(20)} + 2m_{101}^{(10)}m_{111}^{(11)}m_{103}^{(10)} - m_{101}^{(10)}m_{111}^{(11)}m_{013}^{(00)} - 2m_{101}^{(10)}m_{111}^{(20)}m_{130}^{(22)}\\
&+4m_{101}^{(10)}m_{111}^{(20)}m_{121}^{(21)} + 2m_{101}^{(10)}m_{111}^{(20)}m_{112}^{(11)} - 4m_{101}^{(10)}m_{111}^{(20)}m_{022}^{(10)} - 2m_{101}^{(10)}m_{111}^{(21)}m_{220}^{(22)}
\end{aligned}
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\begin{aligned}
&-4m_{101}^{(10)}m_{111}^{(21)}m_{211}^{(21)} - 2m_{101}^{(10)}m_{111}^{(21)}m_{202}^{(11)} + 8m_{101}^{(10)}m_{111}^{(21)}m_{112}^{(10)} + 2m_{101}^{(10)}m_{111}^{(22)}m_{220}^{(21)}\\
&+m_{101}^{(10)}m_{111}^{(22)}m_{211}^{(11)} + 2m_{101}^{(10)}m_{111}^{(22)}m_{130}^{(20)} - 6m_{101}^{(10)}m_{111}^{(22)}m_{121}^{(10)} + m_{101}^{(10)}m_{111}^{(22)}m_{031}^{(00)}\\
&+m_{101}^{(10)}m_{102}^{(00)}m_{031}^{(21)} - m_{101}^{(10)}m_{102}^{(00)}m_{022}^{(11)} - 2m_{101}^{(10)}m_{102}^{(10)}m_{121}^{(21)} + 4m_{101}^{(10)}m_{102}^{(10)}m_{112}^{(11)}\\
&-2m_{101}^{(10)}m_{102}^{(10)}m_{031}^{(20)} - 3m_{101}^{(10)}m_{102}^{(11)}m_{211}^{(21)} + 6m_{101}^{(10)}m_{102}^{(11)}m_{121}^{(20)} - 4m_{101}^{(10)}m_{102}^{(11)}m_{112}^{(10)}\\
&+m_{101}^{(10)}m_{102}^{(11)}m_{022}^{(00)} + 2m_{101}^{(10)}m_{102}^{(20)}m_{130}^{(21)} - 4m_{101}^{(10)}m_{102}^{(20)}m_{121}^{(11)} + 2m_{101}^{(10)}m_{102}^{(20)}m_{031}^{(10)}\\
&+2m_{101}^{(10)}m_{102}^{(21)}m_{220}^{(21)} + 3m_{101}^{(10)}m_{102}^{(21)}m_{211}^{(11)} - 4m_{101}^{(10)}m_{102}^{(21)}m_{130}^{(20)} - m_{101}^{(10)}m_{102}^{(21)}m_{031}^{(00)}\\
&-2m_{101}^{(10)}m_{102}^{(22)}m_{220}^{(11)} + 2m_{101}^{(10)}m_{102}^{(22)}m_{130}^{(10)} - m_{101}^{(10)}m_{030}^{(00)}m_{112}^{(22)} + m_{101}^{(10)}m_{030}^{(00)}m_{013}^{(20)}\\
&+2m_{101}^{(10)}m_{030}^{(10)}m_{202}^{(22)} - 2m_{101}^{(10)}m_{030}^{(10)}m_{103}^{(20)} - m_{101}^{(10)}m_{030}^{(20)}m_{211}^{(22)} + 2m_{101}^{(10)}m_{030}^{(20)}m_{112}^{(20)}\\
&-m_{101}^{(10)}m_{030}^{(20)}m_{013}^{(00)} - 2m_{101}^{(10)}m_{030}^{(21)}m_{202}^{(20)} + 2m_{101}^{(10)}m_{030}^{(21)}m_{103}^{(00)} + m_{101}^{(10)}m_{030}^{(22)}m_{211}^{(20)}\\
&-m_{101}^{(10)}m_{030}^{(22)}m_{112}^{(00)} + m_{101}^{(10)}m_{021}^{(00)}m_{121}^{(22)} + 2m_{101}^{(10)}m_{021}^{(00)}m_{112}^{(21)} - 2m_{101}^{(10)}m_{021}^{(00)}m_{022}^{(20)}\\
&-m_{101}^{(10)}m_{021}^{(00)}m_{013}^{(10)} - 3m_{101}^{(10)}m_{021}^{(10)}m_{211}^{(22)} - 4m_{101}^{(10)}m_{021}^{(10)}m_{202}^{(21)} + 4m_{101}^{(10)}m_{021}^{(10)}m_{112}^{(20)}\\
&+2m_{101}^{(10)}m_{021}^{(10)}m_{103}^{(10)} + m_{101}^{(10)}m_{021}^{(10)}m_{013}^{(00)} + 2m_{101}^{(10)}m_{021}^{(11)}m_{202}^{(20)} - 2m_{101}^{(10)}m_{021}^{(11)}m_{103}^{(00)}\\
&+2m_{101}^{(10)}m_{021}^{(20)}m_{220}^{(22)} + 2m_{101}^{(10)}m_{021}^{(20)}m_{211}^{(21)} - 4m_{101}^{(10)}m_{021}^{(20)}m_{121}^{(20)} - 2m_{101}^{(10)}m_{021}^{(20)}m_{112}^{(10)}\\
&+2m_{101}^{(10)}m_{021}^{(20)}m_{022}^{(00)} + 2m_{101}^{(10)}m_{021}^{(21)}m_{211}^{(20)} + 2m_{101}^{(10)}m_{021}^{(21)}m_{202}^{(10)} - 4m_{101}^{(10)}m_{021}^{(21)}m_{112}^{(00)}\\
&-2m_{101}^{(10)}m_{021}^{(22)}m_{220}^{(20)} - m_{101}^{(10)}m_{021}^{(22)}m_{211}^{(10)} + 3m_{101}^{(10)}m_{021}^{(22)}m_{121}^{(00)} - 2m_{101}^{(10)}m_{012}^{(00)}m_{121}^{(21)}\\
&-m_{101}^{(10)}m_{012}^{(00)}m_{112}^{(11)} + m_{101}^{(10)}m_{012}^{(00)}m_{031}^{(20)} + 2m_{101}^{(10)}m_{012}^{(00)}m_{022}^{(10)} + 6m_{101}^{(10)}m_{012}^{(10)}m_{211}^{(21)}\\
&+2m_{101}^{(10)}m_{012}^{(10)}m_{202}^{(11)} - 2m_{101}^{(10)}m_{012}^{(10)}m_{121}^{(20)} - 4m_{101}^{(10)}m_{012}^{(10)}m_{112}^{(10)} - 2m_{101}^{(10)}m_{012}^{(10)}m_{022}^{(00)}\\
&-3m_{101}^{(10)}m_{012}^{(11)}m_{211}^{(20)} - 2m_{101}^{(10)}m_{012}^{(11)}m_{202}^{(10)} + 5m_{101}^{(10)}m_{012}^{(11)}m_{112}^{(00)} - 4m_{101}^{(10)}m_{012}^{(20)}m_{220}^{(21)}\\
&-m_{101}^{(10)}m_{012}^{(20)}m_{211}^{(11)} + 2m_{101}^{(10)}m_{012}^{(20)}m_{130}^{(20)} + 4m_{101}^{(10)}m_{012}^{(20)}m_{121}^{(10)} - m_{101}^{(10)}m_{012}^{(20)}m_{031}^{(00)}\\
&+2m_{101}^{(10)}m_{012}^{(21)}m_{220}^{(20)} - 2m_{101}^{(10)}m_{012}^{(21)}m_{211}^{(10)} + 2m_{101}^{(10)}m_{012}^{(22)}m_{220}^{(10)} - 2m_{101}^{(10)}m_{012}^{(22)}m_{130}^{(00)}\\
&+m_{101}^{(10)}m_{003}^{(00)}m_{121}^{(11)} - m_{101}^{(10)}m_{003}^{(00)}m_{031}^{(10)} - 3m_{101}^{(10)}m_{003}^{(10)}m_{211}^{(11)} + 2m_{101}^{(10)}m_{003}^{(10)}m_{121}^{(10)}\\
&+m_{101}^{(10)}m_{003}^{(10)}m_{031}^{(00)} + 3m_{101}^{(10)}m_{003}^{(11)}m_{211}^{(10)} - 3m_{101}^{(10)}m_{003}^{(11)}m_{121}^{(00)} + 2m_{101}^{(10)}m_{003}^{(20)}m_{220}^{(11)}\\
&-2m_{101}^{(10)}m_{003}^{(20)}m_{130}^{(10)} - 2m_{101}^{(10)}m_{003}^{(21)}m_{220}^{(10)} + 2m_{101}^{(10)}m_{003}^{(21)}m_{130}^{(00)} + m_{101}^{(11)}m_{300}^{(10)}m_{022}^{(22)}\\
&-m_{101}^{(11)}m_{300}^{(10)}m_{013}^{(21)} - 2m_{101}^{(11)}m_{300}^{(11)}m_{112}^{(22)} + 2m_{101}^{(11)}m_{300}^{(11)}m_{103}^{(21)} - m_{101}^{(11)}m_{300}^{(20)}m_{022}^{(21)}\\
&+m_{101}^{(11)}m_{300}^{(20)}m_{013}^{(11)} + m_{101}^{(11)}m_{300}^{(21)}m_{121}^{(22)} + m_{101}^{(11)}m_{300}^{(21)}m_{112}^{(21)} - 2m_{101}^{(11)}m_{300}^{(21)}m_{103}^{(11)}\\
&-m_{101}^{(11)}m_{300}^{(22)}m_{121}^{(21)} + m_{101}^{(11)}m_{300}^{(22)}m_{112}^{(11)} - m_{101}^{(11)}m_{210}^{(00)}m_{022}^{(22)} + m_{101}^{(11)}m_{210}^{(00)}m_{013}^{(21)}\\
&+m_{101}^{(11)}m_{210}^{(10)}m_{112}^{(22)} - 2m_{101}^{(11)}m_{210}^{(10)}m_{103}^{(21)} + m_{101}^{(11)}m_{210}^{(10)}m_{013}^{(20)} + 2m_{101}^{(11)}m_{210}^{(11)}m_{202}^{(22)}\\
&-2m_{101}^{(11)}m_{210}^{(11)}m_{103}^{(20)} - m_{101}^{(11)}m_{210}^{(20)}m_{121}^{(22)} + 2m_{101}^{(11)}m_{210}^{(20)}m_{112}^{(21)} + m_{101}^{(11)}m_{210}^{(20)}m_{022}^{(20)}\\
&-2m_{101}^{(11)}m_{210}^{(20)}m_{013}^{(10)} - m_{101}^{(11)}m_{210}^{(21)}m_{211}^{(22)} - 2m_{101}^{(11)}m_{210}^{(21)}m_{202}^{(21)} - m_{101}^{(11)}m_{210}^{(21)}m_{112}^{(20)}\\
&+4m_{101}^{(11)}m_{210}^{(21)}m_{103}^{(10)} + m_{101}^{(11)}m_{210}^{(22)}m_{211}^{(21)} + m_{101}^{(11)}m_{210}^{(22)}m_{121}^{(20)} - 2m_{101}^{(11)}m_{210}^{(22)}m_{112}^{(10)}\\
&+m_{101}^{(11)}m_{201}^{(00)}m_{022}^{(21)} - m_{101}^{(11)}m_{201}^{(00)}m_{013}^{(11)} - m_{101}^{(11)}m_{201}^{(10)}m_{121}^{(22)} + 2m_{101}^{(11)}m_{201}^{(10)}m_{103}^{(11)}\\
&-2m_{101}^{(11)}m_{201}^{(10)}m_{022}^{(20)} + m_{101}^{(11)}m_{201}^{(10)}m_{013}^{(10)} + 2m_{101}^{(11)}m_{201}^{(11)}m_{211}^{(22)} - 4m_{101}^{(11)}m_{201}^{(11)}m_{202}^{(21)}\\
&+4m_{101}^{(11)}m_{201}^{(11)}m_{112}^{(20)} - 2m_{101}^{(11)}m_{201}^{(11)}m_{103}^{(10)} + 2m_{101}^{(11)}m_{201}^{(20)}m_{121}^{(21)} - 3m_{101}^{(11)}m_{201}^{(20)}m_{112}^{(11)}\\
&+m_{101}^{(11)}m_{201}^{(20)}m_{022}^{(10)} - m_{101}^{(11)}m_{201}^{(21)}m_{220}^{(22)} + 4m_{101}^{(11)}m_{201}^{(21)}m_{202}^{(11)} - 2m_{101}^{(11)}m_{201}^{(21)}m_{121}^{(20)}\\
&-m_{101}^{(11)}m_{201}^{(21)}m_{112}^{(10)} + m_{101}^{(11)}m_{201}^{(22)}m_{220}^{(21)} - 2m_{101}^{(11)}m_{201}^{(22)}m_{211}^{(11)} + m_{101}^{(11)}m_{201}^{(22)}m_{121}^{(10)}\\
&+m_{101}^{(11)}m_{120}^{(00)}m_{112}^{(22)} - m_{101}^{(11)}m_{120}^{(00)}m_{013}^{(20)} - 2m_{101}^{(11)}m_{120}^{(10)}m_{202}^{(22)} + 2m_{101}^{(11)}m_{120}^{(10)}m_{103}^{(20)}\\
&+m_{101}^{(11)}m_{120}^{(20)}m_{211}^{(22)} - 2m_{101}^{(11)}m_{120}^{(20)}m_{112}^{(20)} + m_{101}^{(11)}m_{120}^{(20)}m_{013}^{(00)} + 2m_{101}^{(11)}m_{120}^{(21)}m_{202}^{(20)}\\
&-2m_{101}^{(11)}m_{120}^{(21)}m_{103}^{(00)} - m_{101}^{(11)}m_{120}^{(22)}m_{211}^{(20)} + m_{101}^{(11)}m_{120}^{(22)}m_{112}^{(00)} + m_{101}^{(11)}m_{111}^{(00)}m_{121}^{(22)}
\end{aligned}
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\begin{aligned}
&-3m_{101}^{(11)}m_{111}^{(00)}m_{112}^{(21)} + m_{101}^{(11)}m_{111}^{(00)}m_{022}^{(20)} + m_{101}^{(11)}m_{111}^{(00)}m_{013}^{(10)} - m_{101}^{(11)}m_{111}^{(10)}m_{211}^{(22)}\\
&+6m_{101}^{(11)}m_{111}^{(10)}m_{202}^{(21)} - 2m_{101}^{(11)}m_{111}^{(10)}m_{112}^{(20)} - 2m_{101}^{(11)}m_{111}^{(10)}m_{103}^{(10)} - m_{101}^{(11)}m_{111}^{(10)}m_{013}^{(00)}\\
&-2m_{101}^{(11)}m_{111}^{(11)}m_{301}^{(22)} + 2m_{101}^{(11)}m_{111}^{(11)}m_{103}^{(00)} + m_{101}^{(11)}m_{111}^{(20)}m_{220}^{(22)} - 4m_{101}^{(11)}m_{111}^{(20)}m_{211}^{(21)}\\
&+4m_{101}^{(11)}m_{111}^{(20)}m_{112}^{(10)} - m_{101}^{(11)}m_{111}^{(20)}m_{022}^{(00)} + m_{101}^{(11)}m_{111}^{(21)}m_{310}^{(22)} + 2m_{101}^{(11)}m_{111}^{(21)}m_{301}^{(21)}\\
&+2m_{101}^{(11)}m_{111}^{(21)}m_{211}^{(20)} - 6m_{101}^{(11)}m_{111}^{(21)}m_{202}^{(10)} + m_{101}^{(11)}m_{111}^{(21)}m_{112}^{(00)} - m_{101}^{(11)}m_{111}^{(22)}m_{310}^{(21)}\\
&-m_{101}^{(11)}m_{111}^{(22)}m_{220}^{(20)} + 3m_{101}^{(11)}m_{111}^{(22)}m_{211}^{(10)} - m_{101}^{(11)}m_{111}^{(22)}m_{121}^{(00)} - m_{101}^{(11)}m_{102}^{(00)}m_{121}^{(21)}\\
&+2m_{101}^{(11)}m_{102}^{(00)}m_{112}^{(11)} - m_{101}^{(11)}m_{102}^{(00)}m_{022}^{(10)} + m_{101}^{(11)}m_{102}^{(10)}m_{211}^{(21)} - 4m_{101}^{(11)}m_{102}^{(10)}m_{202}^{(11)}\\
&+2m_{101}^{(11)}m_{102}^{(10)}m_{121}^{(20)} + m_{101}^{(11)}m_{102}^{(10)}m_{022}^{(00)} + 2m_{101}^{(11)}m_{102}^{(11)}m_{301}^{(21)} - 4m_{101}^{(11)}m_{102}^{(11)}m_{211}^{(20)}\\
&+4m_{101}^{(11)}m_{102}^{(11)}m_{202}^{(10)} - 2m_{101}^{(11)}m_{102}^{(11)}m_{112}^{(00)} - m_{101}^{(11)}m_{102}^{(20)}m_{220}^{(21)} + 3m_{101}^{(11)}m_{102}^{(20)}m_{211}^{(11)}\\
&-2m_{101}^{(11)}m_{102}^{(20)}m_{121}^{(10)} - m_{101}^{(11)}m_{102}^{(21)}m_{310}^{(21)} - 2m_{101}^{(11)}m_{102}^{(21)}m_{301}^{(11)} + 2m_{101}^{(11)}m_{102}^{(21)}m_{220}^{(20)}\\
&+m_{101}^{(11)}m_{102}^{(21)}m_{121}^{(00)} + m_{101}^{(11)}m_{102}^{(22)}m_{310}^{(11)} - m_{101}^{(11)}m_{102}^{(22)}m_{220}^{(10)} - m_{101}^{(11)}m_{021}^{(00)}m_{211}^{(22)}\\
&+m_{101}^{(11)}m_{021}^{(00)}m_{112}^{(20)} + 2m_{101}^{(11)}m_{021}^{(10)}m_{301}^{(22)} - 2m_{101}^{(11)}m_{021}^{(10)}m_{202}^{(20)} - m_{101}^{(11)}m_{021}^{(20)}m_{310}^{(22)}\\
&+2m_{101}^{(11)}m_{021}^{(20)}m_{211}^{(20)} - m_{101}^{(11)}m_{021}^{(20)}m_{112}^{(00)} - 2m_{101}^{(11)}m_{021}^{(21)}m_{301}^{(20)} + 2m_{101}^{(11)}m_{021}^{(21)}m_{202}^{(00)}\\
&+m_{101}^{(11)}m_{021}^{(22)}m_{310}^{(20)} - m_{101}^{(11)}m_{021}^{(22)}m_{211}^{(00)} + 2m_{101}^{(11)}m_{012}^{(00)}m_{211}^{(21)} - m_{101}^{(11)}m_{012}^{(00)}m_{121}^{(20)}\\
&-m_{101}^{(11)}m_{012}^{(00)}m_{112}^{(10)} - 4m_{101}^{(11)}m_{012}^{(10)}m_{301}^{(21)} + m_{101}^{(11)}m_{012}^{(10)}m_{211}^{(20)} + 2m_{101}^{(11)}m_{012}^{(10)}m_{202}^{(10)}\\
&+m_{101}^{(11)}m_{012}^{(10)}m_{112}^{(00)} + 2m_{101}^{(11)}m_{012}^{(11)}m_{301}^{(20)} - 2m_{101}^{(11)}m_{012}^{(11)}m_{202}^{(00)} + 2m_{101}^{(11)}m_{012}^{(20)}m_{310}^{(21)}\\
&-m_{101}^{(11)}m_{012}^{(20)}m_{220}^{(20)} - 2m_{101}^{(11)}m_{012}^{(20)}m_{211}^{(10)} + m_{101}^{(11)}m_{012}^{(20)}m_{121}^{(00)} - m_{101}^{(11)}m_{012}^{(21)}m_{310}^{(20)}\\
&+2m_{101}^{(11)}m_{012}^{(21)}m_{301}^{(10)} - m_{101}^{(11)}m_{012}^{(21)}m_{211}^{(00)} - m_{101}^{(11)}m_{012}^{(22)}m_{310}^{(10)} + m_{101}^{(11)}m_{012}^{(22)}m_{220}^{(00)}\\
&-m_{101}^{(11)}m_{003}^{(00)}m_{211}^{(11)} + m_{101}^{(11)}m_{003}^{(00)}m_{121}^{(10)} + 2m_{101}^{(11)}m_{003}^{(10)}m_{301}^{(11)} - m_{101}^{(11)}m_{003}^{(10)}m_{211}^{(10)}\\
&-m_{101}^{(11)}m_{003}^{(10)}m_{121}^{(00)} - 2m_{101}^{(11)}m_{003}^{(11)}m_{301}^{(10)} + 2m_{101}^{(11)}m_{003}^{(11)}m_{211}^{(00)} - m_{101}^{(11)}m_{003}^{(20)}m_{310}^{(11)}\\
&+m_{101}^{(11)}m_{003}^{(20)}m_{220}^{(10)} + m_{101}^{(11)}m_{003}^{(21)}m_{310}^{(10)} - m_{101}^{(11)}m_{003}^{(21)}m_{220}^{(00)} - m_{101}^{(20)}m_{300}^{(11)}m_{031}^{(22)}\\
&+m_{101}^{(20)}m_{300}^{(11)}m_{022}^{(21)} + m_{101}^{(20)}m_{300}^{(21)}m_{040}^{(22)} - m_{101}^{(20)}m_{300}^{(21)}m_{022}^{(11)} - m_{101}^{(20)}m_{300}^{(22)}m_{040}^{(21)}\\
&+m_{101}^{(20)}m_{300}^{(22)}m_{031}^{(11)} + 2m_{101}^{(20)}m_{210}^{(10)}m_{031}^{(22)} - 2m_{101}^{(20)}m_{210}^{(10)}m_{022}^{(21)} + m_{101}^{(20)}m_{210}^{(11)}m_{121}^{(22)}\\
&-m_{101}^{(20)}m_{210}^{(11)}m_{022}^{(20)} - m_{101}^{(20)}m_{210}^{(20)}m_{040}^{(22)} + m_{101}^{(20)}m_{210}^{(20)}m_{022}^{(11)} - 2m_{101}^{(20)}m_{210}^{(21)}m_{130}^{(22)}\\
&+2m_{101}^{(20)}m_{210}^{(21)}m_{022}^{(10)} + 2m_{101}^{(20)}m_{210}^{(22)}m_{130}^{(21)} - m_{101}^{(20)}m_{210}^{(22)}m_{121}^{(11)} + m_{101}^{(20)}m_{210}^{(22)}m_{040}^{(20)}\\
&-2m_{101}^{(20)}m_{210}^{(22)}m_{031}^{(10)} - m_{101}^{(20)}m_{201}^{(10)}m_{040}^{(22)} + m_{101}^{(20)}m_{201}^{(10)}m_{022}^{(11)} + m_{101}^{(20)}m_{201}^{(11)}m_{130}^{(22)}\\
&-2m_{101}^{(20)}m_{201}^{(11)}m_{121}^{(21)} + 2m_{101}^{(20)}m_{201}^{(11)}m_{031}^{(20)} - m_{101}^{(20)}m_{201}^{(11)}m_{022}^{(10)} + 2m_{101}^{(20)}m_{201}^{(20)}m_{040}^{(21)}\\
&-2m_{101}^{(20)}m_{201}^{(20)}m_{031}^{(11)} + 2m_{101}^{(20)}m_{201}^{(21)}m_{121}^{(11)} - 2m_{101}^{(20)}m_{201}^{(21)}m_{040}^{(20)} - m_{101}^{(20)}m_{201}^{(22)}m_{130}^{(11)}\\
&+m_{101}^{(20)}m_{201}^{(22)}m_{040}^{(10)} - m_{101}^{(20)}m_{120}^{(00)}m_{031}^{(22)} + m_{101}^{(20)}m_{120}^{(00)}m_{022}^{(21)} - 2m_{101}^{(20)}m_{120}^{(10)}m_{121}^{(22)}\\
&+2m_{101}^{(20)}m_{120}^{(10)}m_{022}^{(20)} + 2m_{101}^{(20)}m_{120}^{(20)}m_{130}^{(22)} - 2m_{101}^{(20)}m_{120}^{(20)}m_{022}^{(10)} + m_{101}^{(20)}m_{120}^{(21)}m_{220}^{(22)}\\
&-m_{101}^{(20)}m_{120}^{(21)}m_{022}^{(00)} - m_{101}^{(20)}m_{120}^{(22)}m_{220}^{(21)} - 2m_{101}^{(20)}m_{120}^{(22)}m_{130}^{(20)} + 2m_{101}^{(20)}m_{120}^{(22)}m_{121}^{(10)}\\
&+m_{101}^{(20)}m_{120}^{(22)}m_{031}^{(00)} + m_{101}^{(20)}m_{111}^{(00)}m_{040}^{(22)} - m_{101}^{(20)}m_{111}^{(00)}m_{022}^{(11)} + 4m_{101}^{(20)}m_{111}^{(10)}m_{121}^{(21)}\\
&-4m_{101}^{(20)}m_{111}^{(10)}m_{031}^{(20)} - m_{101}^{(20)}m_{111}^{(11)}m_{220}^{(22)} + m_{101}^{(20)}m_{111}^{(11)}m_{022}^{(00)} - 4m_{101}^{(20)}m_{111}^{(20)}m_{130}^{(21)}\\
&+4m_{101}^{(20)}m_{111}^{(20)}m_{031}^{(10)} + 4m_{101}^{(20)}m_{111}^{(21)}m_{130}^{(20)} - 4m_{101}^{(20)}m_{111}^{(21)}m_{121}^{(10)} + m_{101}^{(20)}m_{111}^{(22)}m_{220}^{(11)}\\
&-m_{101}^{(20)}m_{111}^{(22)}m_{040}^{(00)} - m_{101}^{(20)}m_{102}^{(00)}m_{040}^{(21)} + m_{101}^{(20)}m_{102}^{(00)}m_{031}^{(11)} - 2m_{101}^{(20)}m_{102}^{(10)}m_{121}^{(11)}\\
&+2m_{101}^{(20)}m_{102}^{(10)}m_{040}^{(20)} + m_{101}^{(20)}m_{102}^{(11)}m_{220}^{(21)} - 2m_{101}^{(20)}m_{102}^{(11)}m_{130}^{(20)} + 2m_{101}^{(20)}m_{102}^{(11)}m_{121}^{(10)}\\
&-m_{101}^{(20)}m_{102}^{(11)}m_{031}^{(00)} + 2m_{101}^{(20)}m_{102}^{(20)}m_{130}^{(11)} - 2m_{101}^{(20)}m_{102}^{(20)}m_{040}^{(10)} - m_{101}^{(20)}m_{102}^{(21)}m_{220}^{(11)}\\
&+m_{101}^{(20)}m_{102}^{(21)}m_{040}^{(00)} + m_{101}^{(20)}m_{030}^{(00)}m_{121}^{(22)} - m_{101}^{(20)}m_{030}^{(00)}m_{022}^{(20)} - m_{101}^{(20)}m_{030}^{(20)}m_{220}^{(22)}
\end{aligned}
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\begin{aligned}
&+m_{101}^{(20)}m_{030}^{(20)}m_{022}^{(00)}+m_{101}^{(20)}m_{030}^{(22)}m_{220}^{(20)}-m_{101}^{(20)}m_{030}^{(22)}m_{121}^{(00)}-m_{101}^{(20)}m_{021}^{(00)}m_{130}^{(22)}\\
&-2m_{101}^{(20)}m_{021}^{(00)}m_{121}^{(21)}+2m_{101}^{(20)}m_{021}^{(00)}m_{031}^{(20)}+m_{101}^{(20)}m_{021}^{(00)}m_{022}^{(10)}+m_{101}^{(20)}m_{021}^{(10)}m_{220}^{(22)}\\
&-m_{101}^{(20)}m_{021}^{(10)}m_{022}^{(00)}+2m_{101}^{(20)}m_{021}^{(20)}m_{220}^{(21)}-2m_{101}^{(20)}m_{021}^{(20)}m_{031}^{(00)}-2m_{101}^{(20)}m_{021}^{(21)}m_{220}^{(20)}\\
&+2m_{101}^{(20)}m_{021}^{(21)}m_{121}^{(00)}-m_{101}^{(20)}m_{021}^{(22)}m_{220}^{(10)}+m_{101}^{(20)}m_{021}^{(22)}m_{130}^{(00)}+2m_{101}^{(20)}m_{012}^{(00)}m_{130}^{(21)}\\
&+m_{101}^{(20)}m_{012}^{(00)}m_{121}^{(11)}-m_{101}^{(20)}m_{012}^{(00)}m_{040}^{(20)}-2m_{101}^{(20)}m_{012}^{(00)}m_{031}^{(10)}-2m_{101}^{(20)}m_{012}^{(10)}m_{220}^{(21)}\\
&+2m_{101}^{(20)}m_{012}^{(10)}m_{031}^{(00)}+m_{101}^{(20)}m_{012}^{(11)}m_{220}^{(20)}-m_{101}^{(20)}m_{012}^{(11)}m_{121}^{(00)}-m_{101}^{(20)}m_{012}^{(20)}m_{220}^{(11)}\\
&+m_{101}^{(20)}m_{012}^{(20)}m_{040}^{(00)}+2m_{101}^{(20)}m_{012}^{(21)}m_{220}^{(10)}-2m_{101}^{(20)}m_{012}^{(21)}m_{130}^{(00)}-m_{101}^{(20)}m_{003}^{(00)}m_{130}^{(11)}\\
&+m_{101}^{(20)}m_{003}^{(00)}m_{040}^{(10)}+m_{101}^{(20)}m_{003}^{(10)}m_{220}^{(11)}-m_{101}^{(20)}m_{003}^{(10)}m_{040}^{(00)}-m_{101}^{(20)}m_{003}^{(11)}m_{220}^{(10)}\\
&+m_{101}^{(20)}m_{003}^{(11)}m_{130}^{(00)}-2m_{101}^{(21)}m_{300}^{(10)}m_{031}^{(22)}+2m_{101}^{(21)}m_{300}^{(10)}m_{022}^{(21)}+3m_{101}^{(21)}m_{300}^{(11)}m_{121}^{(22)}\\
&-3m_{101}^{(21)}m_{300}^{(11)}m_{112}^{(21)}+2m_{101}^{(21)}m_{300}^{(20)}m_{031}^{(21)}-2m_{101}^{(21)}m_{300}^{(20)}m_{022}^{(11)}-m_{101}^{(21)}m_{300}^{(21)}m_{130}^{(22)}\\
&-2m_{101}^{(21)}m_{300}^{(21)}m_{121}^{(21)}+3m_{101}^{(21)}m_{300}^{(21)}m_{112}^{(11)}+m_{101}^{(21)}m_{300}^{(22)}m_{130}^{(21)}-m_{101}^{(21)}m_{300}^{(22)}m_{121}^{(11)}\\
&+2m_{101}^{(21)}m_{210}^{(00)}m_{031}^{(22)}-2m_{101}^{(21)}m_{210}^{(00)}m_{022}^{(21)}+2m_{101}^{(21)}m_{210}^{(10)}m_{112}^{(21)}-2m_{101}^{(21)}m_{210}^{(10)}m_{022}^{(20)}\\
&-5m_{101}^{(21)}m_{210}^{(11)}m_{211}^{(22)}+2m_{101}^{(21)}m_{210}^{(11)}m_{202}^{(21)}+3m_{101}^{(21)}m_{210}^{(11)}m_{112}^{(20)}+m_{101}^{(21)}m_{210}^{(20)}m_{130}^{(22)}\\
&-4m_{101}^{(21)}m_{210}^{(20)}m_{121}^{(21)}+m_{101}^{(21)}m_{210}^{(20)}m_{112}^{(11)}-2m_{101}^{(21)}m_{210}^{(20)}m_{031}^{(20)}+4m_{101}^{(21)}m_{210}^{(20)}m_{022}^{(10)}\\
&+2m_{101}^{(21)}m_{210}^{(21)}m_{220}^{(22)}+4m_{101}^{(21)}m_{210}^{(21)}m_{211}^{(21)}-2m_{101}^{(21)}m_{210}^{(21)}m_{202}^{(11)}+2m_{101}^{(21)}m_{210}^{(21)}m_{121}^{(20)}\\
&-6m_{101}^{(21)}m_{210}^{(21)}m_{112}^{(10)}-2m_{101}^{(21)}m_{210}^{(22)}m_{220}^{(21)}+m_{101}^{(21)}m_{210}^{(22)}m_{211}^{(11)}-m_{101}^{(21)}m_{210}^{(22)}m_{130}^{(20)}\\
&+2m_{101}^{(21)}m_{210}^{(22)}m_{121}^{(10)}-2m_{101}^{(21)}m_{201}^{(00)}m_{031}^{(21)}+2m_{101}^{(21)}m_{201}^{(00)}m_{022}^{(11)}+m_{101}^{(21)}m_{201}^{(10)}m_{130}^{(22)}\\
&-3m_{101}^{(21)}m_{201}^{(10)}m_{112}^{(11)}+4m_{101}^{(21)}m_{201}^{(10)}m_{031}^{(20)}-2m_{101}^{(21)}m_{201}^{(10)}m_{022}^{(10)}-m_{101}^{(21)}m_{201}^{(11)}m_{220}^{(22)}\\
&+4m_{101}^{(21)}m_{201}^{(11)}m_{211}^{(21)}-6m_{101}^{(21)}m_{201}^{(11)}m_{121}^{(20)}+3m_{101}^{(21)}m_{201}^{(11)}m_{112}^{(10)}-2m_{101}^{(21)}m_{201}^{(20)}m_{130}^{(21)}\\
&+4m_{101}^{(21)}m_{201}^{(20)}m_{121}^{(11)}-2m_{101}^{(21)}m_{201}^{(20)}m_{031}^{(10)}-4m_{101}^{(21)}m_{201}^{(21)}m_{211}^{(11)}+2m_{101}^{(21)}m_{201}^{(21)}m_{130}^{(20)}\\
&+2m_{101}^{(21)}m_{201}^{(21)}m_{121}^{(10)}+m_{101}^{(21)}m_{201}^{(22)}m_{220}^{(11)}-m_{101}^{(21)}m_{201}^{(22)}m_{130}^{(10)}-3m_{101}^{(21)}m_{120}^{(00)}m_{121}^{(22)}\\
&+m_{101}^{(21)}m_{120}^{(00)}m_{112}^{(21)}+2m_{101}^{(21)}m_{120}^{(00)}m_{022}^{(20)}+4m_{101}^{(21)}m_{120}^{(10)}m_{211}^{(22)}-2m_{101}^{(21)}m_{120}^{(10)}m_{202}^{(21)}\\
&-2m_{101}^{(21)}m_{120}^{(10)}m_{112}^{(20)}+2m_{101}^{(21)}m_{120}^{(11)}m_{301}^{(22)}-2m_{101}^{(21)}m_{120}^{(11)}m_{202}^{(20)}-2m_{101}^{(21)}m_{120}^{(20)}m_{220}^{(22)}\\
&+2m_{101}^{(21)}m_{120}^{(20)}m_{211}^{(21)}+4m_{101}^{(21)}m_{120}^{(20)}m_{121}^{(20)}-2m_{101}^{(21)}m_{120}^{(20)}m_{112}^{(10)}-2m_{101}^{(21)}m_{120}^{(20)}m_{022}^{(00)}\\
&-m_{101}^{(21)}m_{120}^{(21)}m_{310}^{(22)}-2m_{101}^{(21)}m_{120}^{(21)}m_{301}^{(21)}-4m_{101}^{(21)}m_{120}^{(21)}m_{211}^{(20)}+4m_{101}^{(21)}m_{120}^{(21)}m_{202}^{(10)}\\
&+3m_{101}^{(21)}m_{120}^{(21)}m_{112}^{(00)}+m_{101}^{(21)}m_{120}^{(22)}m_{310}^{(21)}+2m_{101}^{(21)}m_{120}^{(22)}m_{220}^{(20)}-2m_{101}^{(21)}m_{120}^{(22)}m_{211}^{(10)}\\
&-m_{101}^{(21)}m_{120}^{(22)}m_{121}^{(00)}-m_{101}^{(21)}m_{111}^{(00)}m_{130}^{(22)}+6m_{101}^{(21)}m_{111}^{(00)}m_{121}^{(21)}-m_{101}^{(21)}m_{111}^{(00)}m_{112}^{(11)}\\
&-2m_{101}^{(21)}m_{111}^{(00)}m_{031}^{(20)}-2m_{101}^{(21)}m_{111}^{(00)}m_{022}^{(10)}-8m_{101}^{(21)}m_{111}^{(10)}m_{211}^{(21)}+2m_{101}^{(21)}m_{111}^{(10)}m_{202}^{(11)}\\
&+4m_{101}^{(21)}m_{111}^{(10)}m_{112}^{(10)}+2m_{101}^{(21)}m_{111}^{(10)}m_{022}^{(00)}+m_{101}^{(21)}m_{111}^{(11)}m_{310}^{(22)}-2m_{101}^{(21)}m_{111}^{(11)}m_{301}^{(21)}\\
&+6m_{101}^{(21)}m_{111}^{(11)}m_{211}^{(20)}-2m_{101}^{(21)}m_{111}^{(11)}m_{202}^{(10)}-3m_{101}^{(21)}m_{111}^{(11)}m_{112}^{(00)}+4m_{101}^{(21)}m_{111}^{(20)}m_{220}^{(21)}\\
&-2m_{101}^{(21)}m_{111}^{(20)}m_{211}^{(11)}-4m_{101}^{(21)}m_{111}^{(20)}m_{121}^{(10)}+2m_{101}^{(21)}m_{111}^{(20)}m_{031}^{(00)}+2m_{101}^{(21)}m_{111}^{(21)}m_{301}^{(11)}\\
&-4m_{101}^{(21)}m_{111}^{(21)}m_{220}^{(20)}+4m_{101}^{(21)}m_{111}^{(21)}m_{211}^{(10)}-2m_{101}^{(21)}m_{111}^{(21)}m_{121}^{(00)}-m_{101}^{(21)}m_{111}^{(22)}m_{310}^{(11)}\\
&+m_{101}^{(21)}m_{111}^{(22)}m_{130}^{(00)}+m_{101}^{(21)}m_{102}^{(00)}m_{130}^{(21)}-3m_{101}^{(21)}m_{102}^{(00)}m_{121}^{(11)}+2m_{101}^{(21)}m_{102}^{(00)}m_{031}^{(10)}\\
&+4m_{101}^{(21)}m_{102}^{(10)}m_{211}^{(11)}-2m_{101}^{(21)}m_{102}^{(10)}m_{130}^{(20)}-2m_{101}^{(21)}m_{102}^{(10)}m_{031}^{(00)}-m_{101}^{(21)}m_{102}^{(11)}m_{310}^{(21)}\\
&+2m_{101}^{(21)}m_{102}^{(11)}m_{220}^{(20)}-4m_{101}^{(21)}m_{102}^{(11)}m_{211}^{(10)}+3m_{101}^{(21)}m_{102}^{(11)}m_{121}^{(00)}-2m_{101}^{(21)}m_{102}^{(20)}m_{220}^{(11)}\\
&+2m_{101}^{(21)}m_{102}^{(20)}m_{130}^{(10)}+m_{101}^{(21)}m_{102}^{(21)}m_{310}^{(11)}-m_{101}^{(21)}m_{102}^{(21)}m_{130}^{(00)}+m_{101}^{(21)}m_{030}^{(00)}m_{211}^{(22)}\\
&-m_{101}^{(21)}m_{030}^{(00)}m_{112}^{(20)}-2m_{101}^{(21)}m_{030}^{(10)}m_{301}^{(22)}+2m_{101}^{(21)}m_{030}^{(10)}m_{202}^{(20)}+m_{101}^{(21)}m_{030}^{(20)}m_{310}^{(22)}\\
&-2m_{101}^{(21)}m_{030}^{(20)}m_{211}^{(20)}+m_{101}^{(21)}m_{030}^{(20)}m_{112}^{(00)}+2m_{101}^{(21)}m_{030}^{(21)}m_{301}^{(20)}-2m_{101}^{(21)}m_{030}^{(21)}m_{202}^{(00)}
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\begin{aligned}
&-m_{101}^{(21)}m_{030}^{(22)}m_{310}^{(20)}+m_{101}^{(21)}m_{030}^{(22)}m_{211}^{(00)}+m_{101}^{(21)}m_{021}^{(00)}m_{220}^{(22)}-2m_{101}^{(21)}m_{021}^{(00)}m_{211}^{(21)}\\
&+m_{101}^{(21)}m_{021}^{(00)}m_{112}^{(10)}-m_{101}^{(21)}m_{021}^{(10)}m_{310}^{(22)}+4m_{101}^{(21)}m_{021}^{(10)}m_{301}^{(21)}-2m_{101}^{(21)}m_{021}^{(10)}m_{202}^{(10)}\\
&-m_{101}^{(21)}m_{021}^{(10)}m_{112}^{(00)}-2m_{101}^{(21)}m_{021}^{(11)}m_{301}^{(20)}+2m_{101}^{(21)}m_{021}^{(11)}m_{202}^{(00)}-2m_{101}^{(21)}m_{021}^{(20)}m_{310}^{(21)}\\
&+2m_{101}^{(21)}m_{021}^{(20)}m_{211}^{(10)}+2m_{101}^{(21)}m_{021}^{(21)}m_{310}^{(20)}-2m_{101}^{(21)}m_{021}^{(21)}m_{301}^{(10)}+m_{101}^{(21)}m_{021}^{(22)}m_{310}^{(10)}\\
&-m_{101}^{(21)}m_{021}^{(22)}m_{220}^{(00)}-2m_{101}^{(21)}m_{012}^{(00)}m_{220}^{(21)}+m_{101}^{(21)}m_{012}^{(00)}m_{211}^{(11)}+m_{101}^{(21)}m_{012}^{(00)}m_{130}^{(20)}\\
&+2m_{101}^{(21)}m_{012}^{(10)}m_{310}^{(21)}-2m_{101}^{(21)}m_{012}^{(10)}m_{301}^{(11)}-m_{101}^{(21)}m_{012}^{(11)}m_{310}^{(20)}+2m_{101}^{(21)}m_{012}^{(11)}m_{301}^{(10)}\\
&-m_{101}^{(21)}m_{012}^{(11)}m_{211}^{(00)}+m_{101}^{(21)}m_{012}^{(20)}m_{310}^{(11)}-m_{101}^{(21)}m_{012}^{(20)}m_{130}^{(00)}-2m_{101}^{(21)}m_{012}^{(21)}m_{310}^{(10)}\\
&+2m_{101}^{(21)}m_{012}^{(21)}m_{220}^{(00)}+m_{101}^{(21)}m_{003}^{(00)}m_{220}^{(11)}-m_{101}^{(21)}m_{003}^{(00)}m_{130}^{(10)}-m_{101}^{(21)}m_{003}^{(10)}m_{310}^{(11)}\\
&+m_{101}^{(21)}m_{003}^{(10)}m_{130}^{(00)}+m_{101}^{(21)}m_{003}^{(11)}m_{310}^{(10)}-m_{101}^{(21)}m_{003}^{(11)}m_{220}^{(00)}+m_{101}^{(22)}m_{300}^{(10)}m_{040}^{(22)}\\
&-m_{101}^{(22)}m_{300}^{(10)}m_{031}^{(21)}-m_{101}^{(22)}m_{300}^{(11)}m_{130}^{(22)}+m_{101}^{(22)}m_{300}^{(11)}m_{121}^{(21)}-m_{101}^{(22)}m_{300}^{(20)}m_{040}^{(21)}\\
&+m_{101}^{(22)}m_{300}^{(20)}m_{031}^{(11)}+m_{101}^{(22)}m_{300}^{(21)}m_{130}^{(21)}-m_{101}^{(22)}m_{300}^{(21)}m_{121}^{(11)}-m_{101}^{(22)}m_{210}^{(00)}m_{040}^{(22)}\\
&+m_{101}^{(22)}m_{210}^{(00)}m_{031}^{(21)}-m_{101}^{(22)}m_{210}^{(10)}m_{130}^{(22)}+m_{101}^{(22)}m_{210}^{(10)}m_{031}^{(20)}+2m_{101}^{(22)}m_{210}^{(11)}m_{220}^{(22)}\\
&-m_{101}^{(22)}m_{210}^{(11)}m_{211}^{(21)}-m_{101}^{(22)}m_{210}^{(11)}m_{121}^{(20)}+2m_{101}^{(22)}m_{210}^{(20)}m_{130}^{(21)}-m_{101}^{(22)}m_{210}^{(20)}m_{121}^{(11)}\\
&+m_{101}^{(22)}m_{210}^{(20)}m_{040}^{(20)}-2m_{101}^{(22)}m_{210}^{(20)}m_{031}^{(10)}-2m_{101}^{(22)}m_{210}^{(21)}m_{220}^{(21)}+m_{101}^{(22)}m_{210}^{(21)}m_{211}^{(11)}\\
&-m_{101}^{(22)}m_{210}^{(21)}m_{130}^{(20)}+2m_{101}^{(22)}m_{210}^{(21)}m_{121}^{(10)}+m_{101}^{(22)}m_{201}^{(00)}m_{040}^{(21)}-m_{101}^{(22)}m_{201}^{(00)}m_{031}^{(11)}\\
&+m_{101}^{(22)}m_{201}^{(10)}m_{121}^{(11)}-2m_{101}^{(22)}m_{201}^{(10)}m_{040}^{(20)}+m_{101}^{(22)}m_{201}^{(10)}m_{031}^{(10)}-m_{101}^{(22)}m_{201}^{(11)}m_{220}^{(21)}\\
&+2m_{101}^{(22)}m_{201}^{(11)}m_{130}^{(20)}-m_{101}^{(22)}m_{201}^{(11)}m_{121}^{(10)}-m_{101}^{(22)}m_{201}^{(20)}m_{130}^{(11)}+m_{101}^{(22)}m_{201}^{(20)}m_{040}^{(10)}\\
&+m_{101}^{(22)}m_{201}^{(21)}m_{220}^{(11)}-m_{101}^{(22)}m_{201}^{(21)}m_{130}^{(10)}+2m_{101}^{(22)}m_{120}^{(00)}m_{130}^{(22)}-m_{101}^{(22)}m_{120}^{(00)}m_{121}^{(21)}\\
&-m_{101}^{(22)}m_{120}^{(00)}m_{031}^{(20)}-m_{101}^{(22)}m_{120}^{(10)}m_{220}^{(22)}+m_{101}^{(22)}m_{120}^{(10)}m_{211}^{(21)}-m_{101}^{(22)}m_{120}^{(11)}m_{310}^{(22)}\\
&+m_{101}^{(22)}m_{120}^{(11)}m_{211}^{(20)}-m_{101}^{(22)}m_{120}^{(20)}m_{220}^{(21)}-2m_{101}^{(22)}m_{120}^{(20)}m_{130}^{(20)}+2m_{101}^{(22)}m_{120}^{(20)}m_{121}^{(10)}\\
&+m_{101}^{(22)}m_{120}^{(20)}m_{031}^{(00)}+m_{101}^{(22)}m_{120}^{(21)}m_{310}^{(21)}+2m_{101}^{(22)}m_{120}^{(21)}m_{220}^{(20)}-2m_{101}^{(22)}m_{120}^{(21)}m_{211}^{(10)}\\
&-m_{101}^{(22)}m_{120}^{(21)}m_{121}^{(00)}-3m_{101}^{(22)}m_{111}^{(00)}m_{130}^{(21)}+m_{101}^{(22)}m_{111}^{(00)}m_{121}^{(11)}+m_{101}^{(22)}m_{111}^{(00)}m_{040}^{(20)}\\
&+m_{101}^{(22)}m_{111}^{(00)}m_{031}^{(10)}+2m_{101}^{(22)}m_{111}^{(10)}m_{220}^{(21)}-m_{101}^{(22)}m_{111}^{(10)}m_{211}^{(11)}+2m_{101}^{(22)}m_{111}^{(10)}m_{130}^{(20)}\\
&-2m_{101}^{(22)}m_{111}^{(10)}m_{121}^{(10)}-m_{101}^{(22)}m_{111}^{(10)}m_{031}^{(00)}+m_{101}^{(22)}m_{111}^{(11)}m_{310}^{(21)}-3m_{101}^{(22)}m_{111}^{(11)}m_{220}^{(20)}\\
&+m_{101}^{(22)}m_{111}^{(11)}m_{211}^{(10)}+m_{101}^{(22)}m_{111}^{(11)}m_{121}^{(00)}+m_{101}^{(22)}m_{111}^{(20)}m_{220}^{(11)}-m_{101}^{(22)}m_{111}^{(20)}m_{040}^{(00)}\\
&-m_{101}^{(22)}m_{111}^{(21)}m_{310}^{(11)}+m_{101}^{(22)}m_{111}^{(21)}m_{130}^{(00)}+m_{101}^{(22)}m_{102}^{(00)}m_{130}^{(11)}-m_{101}^{(22)}m_{102}^{(00)}m_{040}^{(10)}\\
&-m_{101}^{(22)}m_{102}^{(10)}m_{220}^{(11)}+m_{101}^{(22)}m_{102}^{(10)}m_{040}^{(00)}+m_{101}^{(22)}m_{102}^{(11)}m_{220}^{(10)}-m_{101}^{(22)}m_{102}^{(11)}m_{130}^{(00)}\\
&-m_{101}^{(22)}m_{030}^{(00)}m_{220}^{(22)}+m_{101}^{(22)}m_{030}^{(00)}m_{121}^{(20)}+m_{101}^{(22)}m_{030}^{(10)}m_{310}^{(22)}-m_{101}^{(22)}m_{030}^{(10)}m_{211}^{(20)}\\
&+m_{101}^{(22)}m_{030}^{(20)}m_{220}^{(20)}-m_{101}^{(22)}m_{030}^{(20)}m_{121}^{(00)}-m_{101}^{(22)}m_{030}^{(21)}m_{310}^{(20)}+m_{101}^{(22)}m_{030}^{(21)}m_{211}^{(00)}\\
&+2m_{101}^{(22)}m_{021}^{(00)}m_{220}^{(21)}-m_{101}^{(22)}m_{021}^{(00)}m_{130}^{(20)}-m_{101}^{(22)}m_{021}^{(00)}m_{121}^{(10)}-2m_{101}^{(22)}m_{021}^{(10)}m_{310}^{(21)}\\
&+m_{101}^{(22)}m_{021}^{(10)}m_{211}^{(10)}+m_{101}^{(22)}m_{021}^{(10)}m_{121}^{(00)}+m_{101}^{(22)}m_{021}^{(11)}m_{310}^{(20)}-m_{101}^{(22)}m_{021}^{(11)}m_{211}^{(00)}\\
&-m_{101}^{(22)}m_{021}^{(20)}m_{220}^{(10)}+m_{101}^{(22)}m_{021}^{(20)}m_{130}^{(00)}+m_{101}^{(22)}m_{021}^{(21)}m_{310}^{(10)}-m_{101}^{(22)}m_{021}^{(21)}m_{220}^{(00)}\\
&-m_{101}^{(22)}m_{012}^{(00)}m_{220}^{(11)}+m_{101}^{(22)}m_{012}^{(00)}m_{130}^{(10)}+m_{101}^{(22)}m_{012}^{(10)}m_{310}^{(11)}-m_{101}^{(22)}m_{012}^{(10)}m_{130}^{(00)}\\
&-m_{101}^{(22)}m_{012}^{(11)}m_{310}^{(10)}+m_{101}^{(22)}m_{012}^{(11)}m_{220}^{(00)}-m_{020}^{(00)}m_{210}^{(10)}m_{013}^{(22)}+m_{020}^{(00)}m_{210}^{(10)}m_{004}^{(21)}\\
&+m_{020}^{(00)}m_{210}^{(20)}m_{013}^{(21)}-m_{020}^{(00)}m_{210}^{(20)}m_{004}^{(11)}+m_{020}^{(00)}m_{210}^{(21)}m_{112}^{(22)}-m_{020}^{(00)}m_{210}^{(21)}m_{103}^{(21)}\\
&-m_{020}^{(00)}m_{210}^{(22)}m_{112}^{(21)}+m_{020}^{(00)}m_{210}^{(22)}m_{103}^{(11)}+m_{020}^{(00)}m_{201}^{(10)}m_{022}^{(22)}-m_{020}^{(00)}m_{201}^{(10)}m_{013}^{(21)}\\
&-m_{020}^{(00)}m_{201}^{(20)}m_{022}^{(21)}+m_{020}^{(00)}m_{201}^{(20)}m_{013}^{(11)}-m_{020}^{(00)}m_{201}^{(21)}m_{121}^{(22)}+m_{020}^{(00)}m_{201}^{(21)}m_{112}^{(21)}\\
&+m_{020}^{(00)}m_{201}^{(22)}m_{121}^{(21)}-m_{020}^{(00)}m_{201}^{(22)}m_{112}^{(11)}+m_{020}^{(00)}m_{120}^{(00)}m_{013}^{(22)}-m_{020}^{(00)}m_{120}^{(00)}m_{004}^{(21)}
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\begin{aligned}
&+m_{020}^{(00)}m_{120}^{(10)}m_{103}^{(22)} - m_{020}^{(00)}m_{120}^{(10)}m_{004}^{(20)} - m_{020}^{(00)}m_{120}^{(20)}m_{112}^{(22)} - m_{020}^{(00)}m_{120}^{(20)}m_{013}^{(20)}\\
&+2m_{020}^{(00)}m_{120}^{(20)}m_{004}^{(10)} - m_{020}^{(00)}m_{120}^{(21)}m_{202}^{(22)} + m_{020}^{(00)}m_{120}^{(21)}m_{103}^{(20)} + m_{020}^{(00)}m_{120}^{(22)}m_{202}^{(21)}\\
&+m_{020}^{(00)}m_{120}^{(22)}m_{112}^{(20)} - 2m_{020}^{(00)}m_{120}^{(22)}m_{103}^{(10)} - m_{020}^{(00)}m_{111}^{(00)}m_{022}^{(22)} + m_{020}^{(00)}m_{111}^{(00)}m_{004}^{(11)}\\
&-m_{020}^{(00)}m_{111}^{(10)}m_{112}^{(22)} - m_{020}^{(00)}m_{111}^{(10)}m_{103}^{(21)} + 3m_{020}^{(00)}m_{111}^{(10)}m_{013}^{(20)} - m_{020}^{(00)}m_{111}^{(10)}m_{004}^{(10)}\\
&+m_{020}^{(00)}m_{111}^{(20)}m_{121}^{(22)} + m_{020}^{(00)}m_{111}^{(20)}m_{112}^{(21)} + m_{020}^{(00)}m_{111}^{(20)}m_{022}^{(20)} - 3m_{020}^{(00)}m_{111}^{(20)}m_{013}^{(10)}\\
&+m_{020}^{(00)}m_{111}^{(21)}m_{211}^{(22)} + m_{020}^{(00)}m_{111}^{(21)}m_{202}^{(21)} - 3m_{020}^{(00)}m_{111}^{(21)}m_{112}^{(20)} + m_{020}^{(00)}m_{111}^{(21)}m_{103}^{(10)}\\
&-m_{020}^{(00)}m_{111}^{(22)}m_{211}^{(21)} - m_{020}^{(00)}m_{111}^{(22)}m_{202}^{(11)} - m_{020}^{(00)}m_{111}^{(22)}m_{121}^{(20)} + 3m_{020}^{(00)}m_{111}^{(22)}m_{112}^{(10)}\\
&+m_{020}^{(00)}m_{102}^{(00)}m_{022}^{(21)} - m_{020}^{(00)}m_{102}^{(00)}m_{013}^{(11)} + m_{020}^{(00)}m_{102}^{(10)}m_{112}^{(21)} - 2m_{020}^{(00)}m_{102}^{(10)}m_{022}^{(20)}\\
&+m_{020}^{(00)}m_{102}^{(10)}m_{013}^{(10)} - m_{020}^{(00)}m_{102}^{(20)}m_{121}^{(21)} + m_{020}^{(00)}m_{102}^{(20)}m_{022}^{(10)} - m_{020}^{(00)}m_{102}^{(21)}m_{211}^{(21)}\\
&+2m_{020}^{(00)}m_{102}^{(21)}m_{121}^{(20)} - m_{020}^{(00)}m_{102}^{(21)}m_{112}^{(10)} + m_{020}^{(00)}m_{102}^{(22)}m_{211}^{(11)} - m_{020}^{(00)}m_{102}^{(22)}m_{121}^{(10)}\\
&-m_{020}^{(00)}m_{030}^{(00)}m_{103}^{(22)} + m_{020}^{(00)}m_{030}^{(00)}m_{004}^{(20)} + m_{020}^{(00)}m_{030}^{(20)}m_{202}^{(22)} - m_{020}^{(00)}m_{030}^{(20)}m_{004}^{(00)}\\
&-m_{020}^{(00)}m_{030}^{(22)}m_{202}^{(20)} + m_{020}^{(00)}m_{030}^{(22)}m_{103}^{(00)} + m_{020}^{(00)}m_{021}^{(00)}m_{112}^{(22)} + 2m_{020}^{(00)}m_{021}^{(00)}m_{103}^{(21)}\\
&-2m_{020}^{(00)}m_{021}^{(00)}m_{013}^{(20)} - m_{020}^{(00)}m_{021}^{(00)}m_{004}^{(10)} - m_{020}^{(00)}m_{021}^{(10)}m_{103}^{(20)} + m_{020}^{(00)}m_{021}^{(10)}m_{004}^{(00)}\\
&-m_{020}^{(00)}m_{021}^{(20)}m_{211}^{(22)} - 2m_{020}^{(00)}m_{021}^{(20)}m_{202}^{(21)} + m_{020}^{(00)}m_{021}^{(20)}m_{112}^{(20)} + 2m_{020}^{(00)}m_{021}^{(20)}m_{013}^{(00)}\\
&+m_{020}^{(00)}m_{021}^{(21)}m_{202}^{(20)} - m_{020}^{(00)}m_{021}^{(21)}m_{103}^{(00)} + m_{020}^{(00)}m_{021}^{(22)}m_{211}^{(20)} + m_{020}^{(00)}m_{021}^{(22)}m_{202}^{(10)}\\
&-2m_{020}^{(00)}m_{021}^{(22)}m_{112}^{(00)} - 2m_{020}^{(00)}m_{012}^{(00)}m_{112}^{(21)} - m_{020}^{(00)}m_{012}^{(00)}m_{103}^{(11)} + m_{020}^{(00)}m_{012}^{(00)}m_{022}^{(20)}\\
&+2m_{020}^{(00)}m_{012}^{(00)}m_{013}^{(10)} + m_{020}^{(00)}m_{012}^{(10)}m_{112}^{(20)} + m_{020}^{(00)}m_{012}^{(10)}m_{103}^{(10)} - 2m_{020}^{(00)}m_{012}^{(10)}m_{013}^{(00)}\\
&+2m_{020}^{(00)}m_{012}^{(20)}m_{211}^{(21)} + m_{020}^{(00)}m_{012}^{(20)}m_{202}^{(11)} - m_{020}^{(00)}m_{012}^{(20)}m_{121}^{(20)} - m_{020}^{(00)}m_{012}^{(20)}m_{112}^{(10)}\\
&-m_{020}^{(00)}m_{012}^{(20)}m_{022}^{(00)} - m_{020}^{(00)}m_{012}^{(21)}m_{211}^{(20)} - m_{020}^{(00)}m_{012}^{(21)}m_{202}^{(10)} + 2m_{020}^{(00)}m_{012}^{(21)}m_{112}^{(00)}\\
&-m_{020}^{(00)}m_{012}^{(22)}m_{211}^{(10)} + m_{020}^{(00)}m_{012}^{(22)}m_{121}^{(00)} + m_{020}^{(00)}m_{003}^{(00)}m_{112}^{(11)} - m_{020}^{(00)}m_{003}^{(00)}m_{022}^{(10)}\\
&-m_{020}^{(00)}m_{003}^{(10)}m_{112}^{(10)} + m_{020}^{(00)}m_{003}^{(10)}m_{022}^{(00)} - m_{020}^{(00)}m_{003}^{(20)}m_{211}^{(11)} + m_{020}^{(00)}m_{003}^{(20)}m_{121}^{(10)}\\
&+m_{020}^{(00)}m_{003}^{(21)}m_{211}^{(10)} - m_{020}^{(00)}m_{003}^{(21)}m_{121}^{(00)} + m_{020}^{(10)}m_{300}^{(10)}m_{013}^{(22)} - m_{020}^{(10)}m_{300}^{(10)}m_{004}^{(21)}\\
&-m_{020}^{(10)}m_{300}^{(20)}m_{013}^{(21)} + m_{020}^{(10)}m_{300}^{(20)}m_{004}^{(11)} - m_{020}^{(10)}m_{300}^{(21)}m_{112}^{(22)} + m_{020}^{(10)}m_{300}^{(21)}m_{103}^{(21)}\\
&+m_{020}^{(10)}m_{300}^{(22)}m_{112}^{(21)} - m_{020}^{(10)}m_{300}^{(22)}m_{103}^{(11)} - m_{020}^{(10)}m_{210}^{(00)}m_{013}^{(22)} + m_{020}^{(10)}m_{210}^{(00)}m_{004}^{(21)}\\
&-m_{020}^{(10)}m_{210}^{(10)}m_{103}^{(22)} + m_{020}^{(10)}m_{210}^{(10)}m_{004}^{(20)} + m_{020}^{(10)}m_{210}^{(20)}m_{112}^{(22)} + m_{020}^{(10)}m_{210}^{(20)}m_{013}^{(20)}\\
&-2m_{020}^{(10)}m_{210}^{(20)}m_{004}^{(10)} + m_{020}^{(10)}m_{210}^{(21)}m_{202}^{(22)} - m_{020}^{(10)}m_{210}^{(21)}m_{103}^{(20)} - m_{020}^{(10)}m_{210}^{(22)}m_{202}^{(21)}\\
&-m_{020}^{(10)}m_{210}^{(22)}m_{112}^{(20)} + 2m_{020}^{(10)}m_{210}^{(22)}m_{103}^{(10)} + m_{020}^{(10)}m_{201}^{(00)}m_{013}^{(21)} - m_{020}^{(10)}m_{201}^{(00)}m_{004}^{(11)}\\
&-m_{020}^{(10)}m_{201}^{(10)}m_{112}^{(22)} + 2m_{020}^{(10)}m_{201}^{(10)}m_{103}^{(21)} - 2m_{020}^{(10)}m_{201}^{(10)}m_{013}^{(20)} + m_{020}^{(10)}m_{201}^{(10)}m_{004}^{(10)}\\
&-m_{020}^{(10)}m_{201}^{(20)}m_{103}^{(11)} + m_{020}^{(10)}m_{201}^{(20)}m_{013}^{(10)} + m_{020}^{(10)}m_{201}^{(21)}m_{211}^{(22)} - 2m_{020}^{(10)}m_{201}^{(21)}m_{202}^{(21)}\\
&+2m_{020}^{(10)}m_{201}^{(21)}m_{112}^{(20)} - m_{020}^{(10)}m_{201}^{(21)}m_{103}^{(10)} - m_{020}^{(10)}m_{201}^{(22)}m_{211}^{(21)} + 2m_{020}^{(10)}m_{201}^{(22)}m_{202}^{(11)}\\
&-m_{020}^{(10)}m_{201}^{(22)}m_{112}^{(10)} + m_{020}^{(10)}m_{120}^{(00)}m_{103}^{(22)} - m_{020}^{(10)}m_{120}^{(00)}m_{004}^{(20)} - m_{020}^{(10)}m_{120}^{(20)}m_{202}^{(22)}\\
&+m_{020}^{(10)}m_{120}^{(20)}m_{004}^{(00)} + m_{020}^{(10)}m_{120}^{(22)}m_{202}^{(20)} - m_{020}^{(10)}m_{120}^{(22)}m_{103}^{(00)} + m_{020}^{(10)}m_{111}^{(00)}m_{112}^{(22)}\\
&-3m_{020}^{(10)}m_{111}^{(00)}m_{103}^{(21)} + m_{020}^{(10)}m_{111}^{(00)}m_{013}^{(20)} + m_{020}^{(10)}m_{111}^{(00)}m_{004}^{(10)} + m_{020}^{(10)}m_{111}^{(10)}m_{202}^{(22)}\\
&-m_{020}^{(10)}m_{111}^{(10)}m_{004}^{(00)} - m_{020}^{(10)}m_{111}^{(20)}m_{211}^{(22)} + 2m_{020}^{(10)}m_{111}^{(20)}m_{202}^{(21)} - 2m_{020}^{(10)}m_{111}^{(20)}m_{112}^{(20)}\\
&+2m_{020}^{(10)}m_{111}^{(20)}m_{103}^{(10)} - m_{020}^{(10)}m_{111}^{(20)}m_{013}^{(00)} - m_{020}^{(10)}m_{111}^{(21)}m_{301}^{(22)} + m_{020}^{(10)}m_{111}^{(21)}m_{103}^{(00)}\\
&+m_{020}^{(10)}m_{111}^{(22)}m_{301}^{(21)} + m_{020}^{(10)}m_{111}^{(22)}m_{211}^{(20)} - 3m_{020}^{(10)}m_{111}^{(22)}m_{202}^{(10)} + m_{020}^{(10)}m_{111}^{(22)}m_{112}^{(00)}\\
&-m_{020}^{(10)}m_{102}^{(00)}m_{112}^{(21)} + 2m_{020}^{(10)}m_{102}^{(00)}m_{103}^{(11)} - m_{020}^{(10)}m_{102}^{(00)}m_{013}^{(10)} - m_{020}^{(10)}m_{102}^{(10)}m_{202}^{(21)}\\
&+2m_{020}^{(10)}m_{102}^{(10)}m_{112}^{(20)} - 2m_{020}^{(10)}m_{102}^{(10)}m_{103}^{(10)} + m_{020}^{(10)}m_{102}^{(10)}m_{013}^{(00)} + m_{020}^{(10)}m_{102}^{(20)}m_{211}^{(21)}
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&-m_{020}^{(10)}m_{102}^{(20)}m_{202}^{(11)}+m_{020}^{(10)}m_{102}^{(21)}m_{301}^{(21)}-2m_{020}^{(10)}m_{102}^{(21)}m_{211}^{(20)}+2m_{020}^{(10)}m_{102}^{(21)}m_{202}^{(10)}\\
&-m_{020}^{(10)}m_{102}^{(21)}m_{112}^{(00)}-m_{020}^{(10)}m_{102}^{(22)}m_{301}^{(11)}+m_{020}^{(10)}m_{102}^{(22)}m_{211}^{(10)}-m_{020}^{(10)}m_{021}^{(00)}m_{202}^{(22)}\\
&+m_{020}^{(10)}m_{021}^{(00)}m_{103}^{(20)}+m_{020}^{(10)}m_{021}^{(20)}m_{301}^{(22)}-m_{020}^{(10)}m_{021}^{(20)}m_{103}^{(00)}-m_{020}^{(10)}m_{021}^{(22)}m_{301}^{(20)}\\
&+m_{020}^{(10)}m_{021}^{(22)}m_{202}^{(00)}+2m_{020}^{(10)}m_{012}^{(00)}m_{202}^{(21)}-m_{020}^{(10)}m_{012}^{(00)}m_{112}^{(20)}-m_{020}^{(10)}m_{012}^{(00)}m_{103}^{(10)}\\
&-m_{020}^{(10)}m_{012}^{(10)}m_{202}^{(20)}+m_{020}^{(10)}m_{012}^{(10)}m_{103}^{(00)}-2m_{020}^{(10)}m_{012}^{(20)}m_{301}^{(21)}+m_{020}^{(10)}m_{012}^{(20)}m_{211}^{(20)}\\
&+m_{020}^{(10)}m_{012}^{(20)}m_{112}^{(00)}+m_{020}^{(10)}m_{012}^{(21)}m_{301}^{(20)}-m_{020}^{(10)}m_{012}^{(21)}m_{202}^{(00)}+m_{020}^{(10)}m_{012}^{(22)}m_{301}^{(10)}\\
&-m_{020}^{(10)}m_{012}^{(22)}m_{211}^{(00)}-m_{020}^{(10)}m_{003}^{(00)}m_{202}^{(11)}+m_{020}^{(10)}m_{003}^{(00)}m_{112}^{(10)}+m_{020}^{(10)}m_{003}^{(10)}m_{202}^{(10)}\\
&-m_{020}^{(10)}m_{003}^{(10)}m_{112}^{(00)}+m_{020}^{(10)}m_{003}^{(20)}m_{301}^{(11)}-m_{020}^{(10)}m_{003}^{(20)}m_{211}^{(10)}-m_{020}^{(10)}m_{003}^{(21)}m_{301}^{(10)}\\
&+m_{020}^{(10)}m_{003}^{(21)}m_{211}^{(00)}-m_{020}^{(20)}m_{300}^{(10)}m_{022}^{(22)}+m_{020}^{(20)}m_{300}^{(10)}m_{013}^{(21)}+m_{020}^{(20)}m_{300}^{(20)}m_{022}^{(21)}\\
&-m_{020}^{(20)}m_{300}^{(20)}m_{013}^{(11)}+m_{020}^{(20)}m_{300}^{(21)}m_{121}^{(22)}-m_{020}^{(20)}m_{300}^{(21)}m_{112}^{(21)}-m_{020}^{(20)}m_{300}^{(22)}m_{121}^{(21)}\\
&+m_{020}^{(20)}m_{300}^{(22)}m_{112}^{(11)}+m_{020}^{(20)}m_{210}^{(00)}m_{022}^{(22)}-m_{020}^{(20)}m_{210}^{(00)}m_{013}^{(21)}+3m_{020}^{(20)}m_{210}^{(10)}m_{112}^{(22)}\\
&-2m_{020}^{(20)}m_{210}^{(10)}m_{103}^{(21)}-m_{020}^{(20)}m_{210}^{(10)}m_{013}^{(20)}-m_{020}^{(20)}m_{210}^{(20)}m_{121}^{(22)}-2m_{020}^{(20)}m_{210}^{(20)}m_{112}^{(21)}\\
&+2m_{020}^{(20)}m_{210}^{(20)}m_{103}^{(11)}-m_{020}^{(20)}m_{210}^{(20)}m_{022}^{(20)}+2m_{020}^{(20)}m_{210}^{(20)}m_{013}^{(10)}-3m_{020}^{(20)}m_{210}^{(21)}m_{211}^{(22)}\\
&+2m_{020}^{(20)}m_{210}^{(21)}m_{202}^{(21)}+m_{020}^{(20)}m_{210}^{(21)}m_{112}^{(20)}+3m_{020}^{(20)}m_{210}^{(22)}m_{211}^{(21)}-2m_{020}^{(20)}m_{210}^{(22)}m_{202}^{(11)}\\
&+m_{020}^{(20)}m_{210}^{(22)}m_{121}^{(20)}-2m_{020}^{(20)}m_{201}^{(10)}m_{112}^{(22)}-m_{020}^{(20)}m_{201}^{(00)}m_{022}^{(21)}+m_{020}^{(20)}m_{201}^{(00)}m_{013}^{(11)}\\
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&-m_{020}^{(20)}m_{201}^{(20)}m_{112}^{(11)}-m_{020}^{(20)}m_{201}^{(20)}m_{022}^{(10)}+m_{020}^{(20)}m_{201}^{(21)}m_{220}^{(22)}-2m_{020}^{(20)}m_{201}^{(21)}m_{121}^{(20)}\\
&+m_{020}^{(20)}m_{201}^{(21)}m_{112}^{(10)}-m_{020}^{(20)}m_{201}^{(22)}m_{220}^{(21)}+m_{020}^{(20)}m_{201}^{(22)}m_{121}^{(10)}-3m_{020}^{(20)}m_{120}^{(00)}m_{112}^{(22)}\\
&+2m_{020}^{(20)}m_{120}^{(00)}m_{103}^{(21)}+m_{020}^{(20)}m_{120}^{(00)}m_{013}^{(20)}-2m_{020}^{(20)}m_{120}^{(10)}m_{202}^{(22)}+2m_{020}^{(20)}m_{120}^{(10)}m_{103}^{(20)}\\
&+3m_{020}^{(20)}m_{120}^{(20)}m_{211}^{(22)}+2m_{020}^{(20)}m_{120}^{(20)}m_{112}^{(20)}-4m_{020}^{(20)}m_{120}^{(20)}m_{103}^{(10)}-m_{020}^{(20)}m_{120}^{(20)}m_{013}^{(00)}\\
&+2m_{020}^{(20)}m_{120}^{(21)}m_{301}^{(22)}-2m_{020}^{(20)}m_{120}^{(21)}m_{202}^{(20)}-2m_{020}^{(20)}m_{120}^{(22)}m_{301}^{(21)}-3m_{020}^{(20)}m_{120}^{(22)}m_{211}^{(20)}\\
&+4m_{020}^{(20)}m_{120}^{(22)}m_{202}^{(10)}+m_{020}^{(20)}m_{120}^{(22)}m_{112}^{(00)}+m_{020}^{(20)}m_{111}^{(00)}m_{121}^{(22)}+3m_{020}^{(20)}m_{111}^{(00)}m_{112}^{(21)}\\
&-2m_{020}^{(20)}m_{111}^{(00)}m_{103}^{(11)}-m_{020}^{(20)}m_{111}^{(00)}m_{022}^{(20)}-m_{020}^{(20)}m_{111}^{(00)}m_{013}^{(10)}+m_{020}^{(20)}m_{111}^{(10)}m_{211}^{(22)}\\
&+2m_{020}^{(20)}m_{111}^{(10)}m_{202}^{(21)}-6m_{020}^{(20)}m_{111}^{(10)}m_{112}^{(20)}+2m_{020}^{(20)}m_{111}^{(10)}m_{103}^{(10)}+m_{020}^{(20)}m_{111}^{(10)}m_{013}^{(00)}\\
&-m_{020}^{(20)}m_{111}^{(20)}m_{220}^{(22)}-4m_{020}^{(20)}m_{111}^{(20)}m_{211}^{(21)}+4m_{020}^{(20)}m_{111}^{(20)}m_{112}^{(10)}+m_{020}^{(20)}m_{111}^{(20)}m_{022}^{(00)}\\
&-m_{020}^{(20)}m_{111}^{(21)}m_{310}^{(22)}-2m_{020}^{(20)}m_{111}^{(21)}m_{301}^{(21)}+6m_{020}^{(20)}m_{111}^{(21)}m_{211}^{(20)}-2m_{020}^{(20)}m_{111}^{(21)}m_{202}^{(10)}\\
&-m_{020}^{(20)}m_{111}^{(21)}m_{112}^{(00)}+m_{020}^{(20)}m_{111}^{(22)}m_{310}^{(21)}+2m_{020}^{(20)}m_{111}^{(22)}m_{301}^{(11)}+m_{020}^{(20)}m_{111}^{(22)}m_{220}^{(20)}\\
&-3m_{020}^{(20)}m_{111}^{(22)}m_{211}^{(10)}-m_{020}^{(20)}m_{111}^{(22)}m_{121}^{(00)}-m_{020}^{(20)}m_{102}^{(00)}m_{121}^{(21)}+m_{020}^{(20)}m_{102}^{(00)}m_{022}^{(10)}\\
&-m_{020}^{(20)}m_{102}^{(10)}m_{211}^{(21)}+2m_{020}^{(20)}m_{102}^{(10)}m_{121}^{(20)}-m_{020}^{(20)}m_{102}^{(10)}m_{022}^{(00)}+m_{020}^{(20)}m_{102}^{(20)}m_{220}^{(21)}\\
&+m_{020}^{(20)}m_{102}^{(20)}m_{211}^{(11)}-2m_{020}^{(20)}m_{102}^{(20)}m_{121}^{(10)}+m_{020}^{(20)}m_{102}^{(21)}m_{310}^{(21)}-2m_{020}^{(20)}m_{102}^{(21)}m_{220}^{(20)}\\
&+m_{020}^{(20)}m_{102}^{(21)}m_{121}^{(00)}-m_{020}^{(20)}m_{102}^{(22)}m_{310}^{(11)}+m_{020}^{(20)}m_{102}^{(22)}m_{220}^{(10)}+2m_{020}^{(20)}m_{030}^{(00)}m_{202}^{(22)}\\
&-2m_{020}^{(20)}m_{030}^{(00)}m_{103}^{(20)}-2m_{020}^{(20)}m_{030}^{(20)}m_{301}^{(22)}+2m_{020}^{(20)}m_{030}^{(20)}m_{103}^{(00)}+2m_{020}^{(20)}m_{030}^{(22)}m_{301}^{(20)}\\
&-2m_{020}^{(20)}m_{030}^{(22)}m_{202}^{(00)}-m_{020}^{(20)}m_{021}^{(00)}m_{211}^{(22)}-4m_{020}^{(20)}m_{021}^{(00)}m_{202}^{(21)}+3m_{020}^{(20)}m_{021}^{(00)}m_{112}^{(20)}\\
&+2m_{020}^{(20)}m_{021}^{(00)}m_{103}^{(10)}+2m_{020}^{(20)}m_{021}^{(10)}m_{202}^{(20)}-2m_{020}^{(20)}m_{021}^{(10)}m_{103}^{(00)}+m_{020}^{(20)}m_{021}^{(20)}m_{310}^{(22)}\\
&+4m_{020}^{(20)}m_{021}^{(20)}m_{301}^{(21)}-2m_{020}^{(20)}m_{021}^{(20)}m_{211}^{(20)}-3m_{020}^{(20)}m_{021}^{(20)}m_{112}^{(00)}-2m_{020}^{(20)}m_{021}^{(21)}m_{301}^{(20)}\\
&+2m_{020}^{(20)}m_{021}^{(21)}m_{202}^{(00)}-m_{020}^{(20)}m_{021}^{(22)}m_{310}^{(20)}-2m_{020}^{(20)}m_{021}^{(22)}m_{301}^{(10)}+3m_{020}^{(20)}m_{021}^{(22)}m_{211}^{(00)}\\
&+2m_{020}^{(20)}m_{012}^{(00)}m_{211}^{(21)}+2m_{020}^{(20)}m_{012}^{(00)}m_{202}^{(11)}-m_{020}^{(20)}m_{012}^{(00)}m_{121}^{(20)}-3m_{020}^{(20)}m_{012}^{(00)}m_{112}^{(10)}\\
&-m_{020}^{(20)}m_{012}^{(10)}m_{211}^{(20)}-2m_{020}^{(20)}m_{012}^{(10)}m_{202}^{(10)}+3m_{020}^{(20)}m_{012}^{(10)}m_{112}^{(00)}-2m_{020}^{(20)}m_{012}^{(20)}m_{310}^{(21)}
\end{aligned}
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\begin{aligned}
&-2m_{020}^{(20)}m_{012}^{(20)}m_{301}^{(11)}+m_{020}^{(20)}m_{012}^{(20)}m_{220}^{(20)}+2m_{020}^{(20)}m_{012}^{(20)}m_{211}^{(10)}+m_{020}^{(20)}m_{012}^{(20)}m_{121}^{(00)}\\
&+m_{020}^{(20)}m_{012}^{(21)}m_{310}^{(20)}+2m_{020}^{(20)}m_{012}^{(21)}m_{301}^{(10)}-3m_{020}^{(20)}m_{012}^{(21)}m_{211}^{(00)}+m_{020}^{(20)}m_{012}^{(22)}m_{310}^{(10)}\\
&-m_{020}^{(20)}m_{012}^{(22)}m_{220}^{(00)}-m_{020}^{(20)}m_{003}^{(00)}m_{211}^{(11)}+m_{020}^{(20)}m_{003}^{(00)}m_{121}^{(10)}+m_{020}^{(20)}m_{003}^{(10)}m_{211}^{(10)}\\
&-m_{020}^{(20)}m_{003}^{(10)}m_{121}^{(00)}+m_{020}^{(20)}m_{003}^{(20)}m_{310}^{(11)}-m_{020}^{(20)}m_{003}^{(20)}m_{220}^{(10)}-m_{020}^{(20)}m_{003}^{(21)}m_{310}^{(10)}\\
&+m_{020}^{(20)}m_{003}^{(21)}m_{220}^{(00)}-m_{020}^{(21)}m_{300}^{(10)}m_{112}^{(22)}+m_{020}^{(21)}m_{300}^{(10)}m_{103}^{(21)}+m_{020}^{(21)}m_{300}^{(20)}m_{112}^{(21)}\\
&-m_{020}^{(21)}m_{300}^{(20)}m_{103}^{(11)}+m_{020}^{(21)}m_{300}^{(21)}m_{211}^{(22)}-m_{020}^{(21)}m_{300}^{(21)}m_{202}^{(21)}-m_{020}^{(21)}m_{300}^{(22)}m_{211}^{(21)}\\
&+m_{020}^{(21)}m_{300}^{(22)}m_{202}^{(11)}+m_{020}^{(21)}m_{210}^{(00)}m_{112}^{(22)}-m_{020}^{(21)}m_{210}^{(00)}m_{103}^{(21)}+m_{020}^{(21)}m_{210}^{(10)}m_{202}^{(22)}\\
&-m_{020}^{(21)}m_{210}^{(10)}m_{103}^{(20)}-m_{020}^{(21)}m_{210}^{(20)}m_{211}^{(22)}-m_{020}^{(21)}m_{210}^{(20)}m_{112}^{(20)}+2m_{020}^{(21)}m_{210}^{(20)}m_{103}^{(10)}\\
&-m_{020}^{(21)}m_{210}^{(21)}m_{301}^{(22)}+m_{020}^{(21)}m_{210}^{(21)}m_{202}^{(20)}+m_{020}^{(21)}m_{210}^{(22)}m_{301}^{(21)}+m_{020}^{(21)}m_{210}^{(22)}m_{211}^{(20)}\\
&-2m_{020}^{(21)}m_{210}^{(22)}m_{202}^{(10)}-m_{020}^{(21)}m_{201}^{(00)}m_{112}^{(21)}+m_{020}^{(21)}m_{201}^{(00)}m_{103}^{(11)}+m_{020}^{(21)}m_{201}^{(10)}m_{211}^{(22)}\\
&-2m_{020}^{(21)}m_{201}^{(10)}m_{202}^{(21)}+2m_{020}^{(21)}m_{201}^{(10)}m_{112}^{(20)}-m_{020}^{(21)}m_{201}^{(10)}m_{103}^{(10)}+m_{020}^{(21)}m_{201}^{(20)}m_{202}^{(11)}\\
&-m_{020}^{(21)}m_{201}^{(20)}m_{112}^{(10)}-m_{020}^{(21)}m_{201}^{(21)}m_{310}^{(22)}+2m_{020}^{(21)}m_{201}^{(21)}m_{301}^{(21)}-2m_{020}^{(21)}m_{201}^{(21)}m_{211}^{(20)}\\
&+m_{020}^{(21)}m_{201}^{(21)}m_{202}^{(10)}+m_{020}^{(21)}m_{201}^{(22)}m_{310}^{(21)}-2m_{020}^{(21)}m_{201}^{(22)}m_{301}^{(11)}+m_{020}^{(21)}m_{201}^{(22)}m_{211}^{(10)}\\
&-m_{020}^{(21)}m_{120}^{(00)}m_{202}^{(22)}+m_{020}^{(21)}m_{120}^{(00)}m_{103}^{(20)}+m_{020}^{(21)}m_{120}^{(20)}m_{301}^{(22)}-m_{020}^{(21)}m_{120}^{(20)}m_{103}^{(00)}\\
&-m_{020}^{(21)}m_{120}^{(22)}m_{301}^{(20)}+m_{020}^{(21)}m_{120}^{(22)}m_{202}^{(00)}-m_{020}^{(21)}m_{111}^{(00)}m_{211}^{(22)}+3m_{020}^{(21)}m_{111}^{(00)}m_{202}^{(21)}\\
&-m_{020}^{(21)}m_{111}^{(00)}m_{112}^{(20)}-m_{020}^{(21)}m_{111}^{(00)}m_{103}^{(10)}-m_{020}^{(21)}m_{111}^{(10)}m_{301}^{(22)}+m_{020}^{(21)}m_{111}^{(10)}m_{103}^{(00)}\\
&+m_{020}^{(21)}m_{111}^{(20)}m_{310}^{(22)}-2m_{020}^{(21)}m_{111}^{(20)}m_{301}^{(21)}+2m_{020}^{(21)}m_{111}^{(20)}m_{211}^{(20)}-2m_{020}^{(21)}m_{111}^{(20)}m_{202}^{(10)}\\
&+m_{020}^{(21)}m_{111}^{(20)}m_{112}^{(00)}+m_{020}^{(21)}m_{111}^{(21)}m_{400}^{(22)}-m_{020}^{(21)}m_{111}^{(21)}m_{202}^{(00)}-m_{020}^{(21)}m_{111}^{(22)}m_{400}^{(21)}\\
&-m_{020}^{(21)}m_{111}^{(22)}m_{310}^{(20)}+3m_{020}^{(21)}m_{111}^{(22)}m_{301}^{(10)}-m_{020}^{(21)}m_{111}^{(22)}m_{211}^{(00)}+m_{020}^{(21)}m_{102}^{(00)}m_{211}^{(21)}\\
&-2m_{020}^{(21)}m_{102}^{(00)}m_{202}^{(11)}+m_{020}^{(21)}m_{102}^{(00)}m_{112}^{(10)}+m_{020}^{(21)}m_{102}^{(10)}m_{301}^{(21)}-2m_{020}^{(21)}m_{102}^{(10)}m_{211}^{(20)}\\
&+2m_{020}^{(21)}m_{102}^{(10)}m_{202}^{(10)}-m_{020}^{(21)}m_{102}^{(10)}m_{112}^{(00)}-m_{020}^{(21)}m_{102}^{(20)}m_{310}^{(21)}+m_{020}^{(21)}m_{102}^{(20)}m_{301}^{(11)}\\
&-m_{020}^{(21)}m_{102}^{(21)}m_{400}^{(21)}+2m_{020}^{(21)}m_{102}^{(21)}m_{310}^{(20)}-2m_{020}^{(21)}m_{102}^{(21)}m_{301}^{(10)}+m_{020}^{(21)}m_{102}^{(21)}m_{211}^{(00)}\\
&+m_{020}^{(21)}m_{102}^{(22)}m_{400}^{(11)}-m_{020}^{(21)}m_{102}^{(22)}m_{310}^{(10)}+m_{020}^{(21)}m_{021}^{(00)}m_{301}^{(22)}-m_{020}^{(21)}m_{021}^{(00)}m_{202}^{(20)}\\
&-m_{020}^{(21)}m_{021}^{(20)}m_{400}^{(22)}+m_{020}^{(21)}m_{021}^{(20)}m_{202}^{(00)}+m_{020}^{(21)}m_{021}^{(22)}m_{400}^{(20)}-m_{020}^{(21)}m_{021}^{(22)}m_{301}^{(00)}\\
&-2m_{020}^{(21)}m_{012}^{(00)}m_{301}^{(21)}+m_{020}^{(21)}m_{012}^{(00)}m_{211}^{(20)}+m_{020}^{(21)}m_{012}^{(00)}m_{202}^{(10)}+m_{020}^{(21)}m_{012}^{(10)}m_{301}^{(20)}\\
&-m_{020}^{(21)}m_{012}^{(10)}m_{202}^{(00)}+2m_{020}^{(21)}m_{012}^{(20)}m_{400}^{(21)}-m_{020}^{(21)}m_{012}^{(20)}m_{310}^{(20)}-m_{020}^{(21)}m_{012}^{(20)}m_{211}^{(00)}\\
&-m_{020}^{(21)}m_{012}^{(21)}m_{400}^{(20)}+m_{020}^{(21)}m_{012}^{(21)}m_{301}^{(00)}-m_{020}^{(21)}m_{012}^{(22)}m_{400}^{(10)}+m_{020}^{(21)}m_{012}^{(22)}m_{310}^{(00)}\\
&+m_{020}^{(21)}m_{003}^{(00)}m_{301}^{(11)}-m_{020}^{(21)}m_{003}^{(00)}m_{211}^{(10)}-m_{020}^{(21)}m_{003}^{(10)}m_{301}^{(10)}+m_{020}^{(21)}m_{003}^{(10)}m_{211}^{(00)}\\
&-m_{020}^{(21)}m_{003}^{(20)}m_{400}^{(11)}+m_{020}^{(21)}m_{003}^{(20)}m_{310}^{(10)}+m_{020}^{(21)}m_{003}^{(21)}m_{400}^{(10)}-m_{020}^{(21)}m_{003}^{(21)}m_{310}^{(00)}\\
&+m_{020}^{(22)}m_{300}^{(10)}m_{121}^{(22)}-m_{020}^{(22)}m_{300}^{(10)}m_{112}^{(21)}-m_{020}^{(22)}m_{300}^{(20)}m_{121}^{(21)}+m_{020}^{(22)}m_{300}^{(20)}m_{112}^{(11)}\\
&-m_{020}^{(22)}m_{300}^{(21)}m_{220}^{(22)}+m_{020}^{(22)}m_{300}^{(21)}m_{211}^{(21)}+m_{020}^{(22)}m_{300}^{(22)}m_{220}^{(21)}-m_{020}^{(22)}m_{300}^{(22)}m_{211}^{(11)}\\
&-m_{020}^{(22)}m_{210}^{(00)}m_{121}^{(22)}+m_{020}^{(22)}m_{210}^{(00)}m_{112}^{(21)}-2m_{020}^{(22)}m_{210}^{(10)}m_{211}^{(22)}+m_{020}^{(22)}m_{210}^{(10)}m_{202}^{(21)}\\
&+m_{020}^{(22)}m_{210}^{(10)}m_{112}^{(20)}+m_{020}^{(22)}m_{210}^{(20)}m_{220}^{(22)}+m_{020}^{(22)}m_{210}^{(20)}m_{211}^{(21)}-m_{020}^{(22)}m_{210}^{(20)}m_{202}^{(11)}\\
&+m_{020}^{(22)}m_{210}^{(20)}m_{121}^{(20)}-2m_{020}^{(22)}m_{210}^{(20)}m_{112}^{(10)}+2m_{020}^{(22)}m_{210}^{(21)}m_{310}^{(22)}-m_{020}^{(22)}m_{210}^{(21)}m_{301}^{(21)}\\
&-m_{020}^{(22)}m_{210}^{(21)}m_{211}^{(20)}-2m_{020}^{(22)}m_{210}^{(22)}m_{310}^{(21)}+m_{020}^{(22)}m_{210}^{(22)}m_{301}^{(11)}-m_{020}^{(22)}m_{210}^{(22)}m_{220}^{(20)}\\
&+2m_{020}^{(22)}m_{210}^{(22)}m_{211}^{(10)}+m_{020}^{(22)}m_{201}^{(00)}m_{121}^{(21)}-m_{020}^{(22)}m_{201}^{(00)}m_{112}^{(11)}+m_{020}^{(22)}m_{201}^{(10)}m_{211}^{(21)}\\
&-2m_{020}^{(22)}m_{201}^{(10)}m_{121}^{(20)}+m_{020}^{(22)}m_{201}^{(10)}m_{112}^{(10)}-m_{020}^{(22)}m_{201}^{(20)}m_{220}^{(21)}+m_{020}^{(22)}m_{201}^{(20)}m_{121}^{(10)}\\
&-m_{020}^{(22)}m_{201}^{(21)}m_{310}^{(21)}+2m_{020}^{(22)}m_{201}^{(21)}m_{220}^{(20)}-m_{020}^{(22)}m_{201}^{(21)}m_{211}^{(10)}+m_{020}^{(22)}m_{201}^{(22)}m_{310}^{(11)}
\end{aligned}
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\begin{aligned}
&-m_{020}^{(22)}m_{201}^{(22)}m_{220}^{(10)}+2m_{020}^{(22)}m_{120}^{(00)}m_{211}^{(22)}-m_{020}^{(22)}m_{120}^{(00)}m_{202}^{(21)}-m_{020}^{(22)}m_{120}^{(00)}m_{112}^{(20)}\\
&+m_{020}^{(22)}m_{120}^{(10)}m_{301}^{(22)}-m_{020}^{(22)}m_{120}^{(10)}m_{202}^{(20)}-2m_{020}^{(22)}m_{120}^{(20)}m_{310}^{(22)}-m_{020}^{(22)}m_{120}^{(20)}m_{211}^{(20)}\\
&+2m_{020}^{(22)}m_{120}^{(20)}m_{202}^{(10)}+m_{020}^{(22)}m_{120}^{(20)}m_{112}^{(00)}-m_{020}^{(22)}m_{120}^{(21)}m_{400}^{(22)}+m_{020}^{(22)}m_{120}^{(21)}m_{301}^{(20)}\\
&+m_{020}^{(22)}m_{120}^{(22)}m_{400}^{(21)}+2m_{020}^{(22)}m_{120}^{(22)}m_{310}^{(20)}-2m_{020}^{(22)}m_{120}^{(22)}m_{301}^{(10)}-m_{020}^{(22)}m_{120}^{(22)}m_{211}^{(00)}\\
&-3m_{020}^{(22)}m_{111}^{(00)}m_{211}^{(21)}+m_{020}^{(22)}m_{111}^{(00)}m_{202}^{(11)}+m_{020}^{(22)}m_{111}^{(00)}m_{121}^{(20)}+m_{020}^{(22)}m_{111}^{(00)}m_{112}^{(10)}\\
&-m_{020}^{(22)}m_{111}^{(10)}m_{301}^{(21)}+3m_{020}^{(22)}m_{111}^{(10)}m_{211}^{(20)}-m_{020}^{(22)}m_{111}^{(10)}m_{202}^{(10)}-m_{020}^{(22)}m_{111}^{(10)}m_{112}^{(00)}\\
&+3m_{020}^{(22)}m_{111}^{(20)}m_{310}^{(21)}-m_{020}^{(22)}m_{111}^{(20)}m_{220}^{(20)}-m_{020}^{(22)}m_{111}^{(20)}m_{211}^{(10)}-m_{020}^{(22)}m_{111}^{(20)}m_{121}^{(00)}\\
&+m_{020}^{(22)}m_{111}^{(21)}m_{400}^{(21)}-3m_{020}^{(22)}m_{111}^{(21)}m_{310}^{(20)}+m_{020}^{(22)}m_{111}^{(21)}m_{301}^{(10)}+m_{020}^{(22)}m_{111}^{(21)}m_{211}^{(00)}\\
&-m_{020}^{(22)}m_{111}^{(22)}m_{400}^{(11)}+m_{020}^{(22)}m_{111}^{(22)}m_{220}^{(00)}+m_{020}^{(22)}m_{102}^{(00)}m_{211}^{(11)}-m_{020}^{(22)}m_{102}^{(00)}m_{121}^{(10)}\\
&-m_{020}^{(22)}m_{102}^{(10)}m_{211}^{(10)}+m_{020}^{(22)}m_{102}^{(10)}m_{121}^{(00)}-m_{020}^{(22)}m_{102}^{(20)}m_{310}^{(11)}+m_{020}^{(22)}m_{102}^{(20)}m_{220}^{(10)}\\
&+m_{020}^{(22)}m_{102}^{(21)}m_{310}^{(10)}-m_{020}^{(22)}m_{102}^{(21)}m_{220}^{(00)}-m_{020}^{(22)}m_{030}^{(00)}m_{301}^{(22)}+m_{020}^{(22)}m_{030}^{(00)}m_{202}^{(20)}\\
&+m_{020}^{(22)}m_{030}^{(20)}m_{400}^{(22)}-m_{020}^{(22)}m_{030}^{(20)}m_{202}^{(00)}-m_{020}^{(22)}m_{030}^{(22)}m_{400}^{(20)}+m_{020}^{(22)}m_{030}^{(22)}m_{301}^{(00)}\\
&+2m_{020}^{(22)}m_{021}^{(00)}m_{301}^{(21)}-m_{020}^{(22)}m_{021}^{(00)}m_{211}^{(20)}-m_{020}^{(22)}m_{021}^{(00)}m_{202}^{(10)}-m_{020}^{(22)}m_{021}^{(10)}m_{301}^{(20)}\\
&+m_{020}^{(22)}m_{021}^{(10)}m_{202}^{(00)}-2m_{020}^{(22)}m_{021}^{(20)}m_{400}^{(21)}+m_{020}^{(22)}m_{021}^{(20)}m_{310}^{(20)}+m_{020}^{(22)}m_{021}^{(20)}m_{211}^{(00)}\\
&+m_{020}^{(22)}m_{021}^{(21)}m_{400}^{(20)}-m_{020}^{(22)}m_{021}^{(21)}m_{301}^{(00)}+m_{020}^{(22)}m_{021}^{(22)}m_{400}^{(10)}-m_{020}^{(22)}m_{021}^{(22)}m_{310}^{(00)}\\
&-m_{020}^{(22)}m_{012}^{(00)}m_{301}^{(11)}+m_{020}^{(22)}m_{012}^{(00)}m_{211}^{(10)}+m_{020}^{(22)}m_{012}^{(10)}m_{301}^{(10)}-m_{020}^{(22)}m_{012}^{(10)}m_{211}^{(00)}\\
&+m_{020}^{(22)}m_{012}^{(20)}m_{400}^{(11)}-m_{020}^{(22)}m_{012}^{(20)}m_{310}^{(10)}-m_{020}^{(22)}m_{012}^{(21)}m_{400}^{(10)}+m_{020}^{(22)}m_{012}^{(21)}m_{310}^{(00)}\\
&+2m_{011}^{(00)}m_{210}^{(10)}m_{022}^{(22)}-2m_{011}^{(00)}m_{210}^{(10)}m_{013}^{(21)}-m_{011}^{(00)}m_{210}^{(11)}m_{112}^{(22)}+m_{011}^{(00)}m_{210}^{(11)}m_{103}^{(21)}\\
&-2m_{011}^{(00)}m_{210}^{(20)}m_{022}^{(21)}+2m_{011}^{(00)}m_{210}^{(20)}m_{013}^{(11)}-m_{011}^{(00)}m_{210}^{(21)}m_{121}^{(22)}+2m_{011}^{(00)}m_{210}^{(21)}m_{112}^{(21)}\\
&-m_{011}^{(00)}m_{210}^{(21)}m_{103}^{(11)}+m_{011}^{(00)}m_{210}^{(22)}m_{121}^{(21)}-m_{011}^{(00)}m_{210}^{(22)}m_{112}^{(11)}-2m_{011}^{(00)}m_{201}^{(10)}m_{031}^{(22)}\\
&+2m_{011}^{(00)}m_{201}^{(10)}m_{022}^{(21)}+m_{011}^{(00)}m_{201}^{(11)}m_{121}^{(22)}-m_{011}^{(00)}m_{201}^{(11)}m_{112}^{(21)}+2m_{011}^{(00)}m_{201}^{(20)}m_{031}^{(21)}\\
&-2m_{011}^{(00)}m_{201}^{(20)}m_{022}^{(11)}+m_{011}^{(00)}m_{201}^{(21)}m_{130}^{(22)}-2m_{011}^{(00)}m_{201}^{(21)}m_{121}^{(21)}+m_{011}^{(00)}m_{201}^{(21)}m_{112}^{(11)}\\
&-m_{011}^{(00)}m_{201}^{(22)}m_{130}^{(21)}+m_{011}^{(00)}m_{201}^{(22)}m_{121}^{(11)}-2m_{011}^{(00)}m_{120}^{(00)}m_{022}^{(22)}+2m_{011}^{(00)}m_{120}^{(00)}m_{013}^{(21)}\\
&-m_{011}^{(00)}m_{120}^{(10)}m_{112}^{(22)}-m_{011}^{(00)}m_{120}^{(10)}m_{103}^{(21)}+2m_{011}^{(00)}m_{120}^{(10)}m_{013}^{(20)}+m_{011}^{(00)}m_{120}^{(11)}m_{202}^{(22)}\\
&-m_{011}^{(00)}m_{120}^{(11)}m_{103}^{(20)}+m_{011}^{(00)}m_{120}^{(20)}m_{121}^{(22)}+m_{011}^{(00)}m_{120}^{(20)}m_{112}^{(21)}+2m_{011}^{(00)}m_{120}^{(20)}m_{022}^{(20)}\\
&-4m_{011}^{(00)}m_{120}^{(20)}m_{013}^{(10)}+m_{011}^{(00)}m_{120}^{(21)}m_{211}^{(22)}-m_{011}^{(00)}m_{120}^{(21)}m_{202}^{(21)}-2m_{011}^{(00)}m_{120}^{(21)}m_{112}^{(20)}\\
&+2m_{011}^{(00)}m_{120}^{(21)}m_{103}^{(10)}-m_{011}^{(00)}m_{120}^{(22)}m_{211}^{(21)}-m_{011}^{(00)}m_{120}^{(22)}m_{121}^{(20)}+2m_{011}^{(00)}m_{120}^{(22)}m_{112}^{(10)}\\
&+2m_{011}^{(00)}m_{111}^{(00)}m_{031}^{(22)}-2m_{011}^{(00)}m_{111}^{(00)}m_{013}^{(11)}+m_{011}^{(00)}m_{111}^{(10)}m_{121}^{(22)}+2m_{011}^{(00)}m_{111}^{(10)}m_{112}^{(21)}\\
&+m_{011}^{(00)}m_{111}^{(10)}m_{103}^{(11)}-6m_{011}^{(00)}m_{111}^{(10)}m_{022}^{(20)}+2m_{011}^{(00)}m_{111}^{(10)}m_{013}^{(10)}-m_{011}^{(00)}m_{111}^{(11)}m_{211}^{(22)}\\
&-m_{011}^{(00)}m_{111}^{(11)}m_{202}^{(21)}+3m_{011}^{(00)}m_{111}^{(11)}m_{112}^{(20)}-m_{011}^{(00)}m_{111}^{(11)}m_{103}^{(10)}-m_{011}^{(00)}m_{111}^{(20)}m_{130}^{(22)}\\
&-2m_{011}^{(00)}m_{111}^{(20)}m_{121}^{(21)}-m_{011}^{(00)}m_{111}^{(20)}m_{112}^{(11)}-2m_{011}^{(00)}m_{111}^{(20)}m_{031}^{(20)}+6m_{011}^{(00)}m_{111}^{(20)}m_{022}^{(10)}\\
&-m_{011}^{(00)}m_{111}^{(21)}m_{220}^{(22)}+m_{011}^{(00)}m_{111}^{(21)}m_{202}^{(11)}+4m_{011}^{(00)}m_{111}^{(21)}m_{121}^{(20)}-4m_{011}^{(00)}m_{111}^{(21)}m_{112}^{(10)}\\
&+m_{011}^{(00)}m_{111}^{(22)}m_{220}^{(21)}+m_{011}^{(00)}m_{111}^{(22)}m_{211}^{(11)}+m_{011}^{(00)}m_{111}^{(22)}m_{130}^{(20)}-3m_{011}^{(00)}m_{111}^{(22)}m_{121}^{(10)}\\
&-2m_{011}^{(00)}m_{102}^{(00)}m_{031}^{(21)}+2m_{011}^{(00)}m_{102}^{(00)}m_{022}^{(11)}-m_{011}^{(00)}m_{102}^{(10)}m_{121}^{(21)}-m_{011}^{(00)}m_{102}^{(10)}m_{112}^{(11)}\\
&+4m_{011}^{(00)}m_{102}^{(10)}m_{031}^{(20)}-2m_{011}^{(00)}m_{102}^{(10)}m_{022}^{(10)}+m_{011}^{(00)}m_{102}^{(11)}m_{211}^{(21)}-2m_{011}^{(00)}m_{102}^{(11)}m_{121}^{(20)}\\
&+m_{011}^{(00)}m_{102}^{(11)}m_{112}^{(10)}+m_{011}^{(00)}m_{102}^{(20)}m_{130}^{(21)}+m_{011}^{(00)}m_{102}^{(20)}m_{121}^{(11)}-2m_{011}^{(00)}m_{102}^{(20)}m_{031}^{(10)}\\
&+m_{011}^{(00)}m_{102}^{(21)}m_{220}^{(21)}-m_{011}^{(00)}m_{102}^{(21)}m_{211}^{(11)}-2m_{011}^{(00)}m_{102}^{(21)}m_{130}^{(20)}+2m_{011}^{(00)}m_{102}^{(21)}m_{121}^{(10)}\\
&-m_{011}^{(00)}m_{102}^{(22)}m_{220}^{(11)}+m_{011}^{(00)}m_{102}^{(22)}m_{130}^{(10)}+2m_{011}^{(00)}m_{030}^{(00)}m_{112}^{(22)}-2m_{011}^{(00)}m_{030}^{(00)}m_{013}^{(20)}
\end{aligned}
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\begin{aligned}
&-m_{011}^{(00)} m_{030}^{(10)} m_{202}^{(22)} + m_{011}^{(00)} m_{030}^{(10)} m_{103}^{(20)} - m_{011}^{(00)} m_{030}^{(20)} m_{211}^{(22)} - m_{011}^{(00)} m_{030}^{(20)} m_{112}^{(20)} \\
&+2m_{011}^{(00)} m_{030}^{(20)} m_{013}^{(00)} + m_{011}^{(00)} m_{030}^{(21)} m_{202}^{(20)} - m_{011}^{(00)} m_{030}^{(21)} m_{103}^{(00)} + m_{011}^{(00)} m_{030}^{(22)} m_{211}^{(20)} \\
&-m_{011}^{(00)} m_{030}^{(22)} m_{112}^{(00)} - 2m_{011}^{(00)} m_{021}^{(00)} m_{121}^{(22)} - 4m_{011}^{(00)} m_{021}^{(00)} m_{112}^{(21)} + 4m_{011}^{(00)} m_{021}^{(00)} m_{022}^{(20)} \\
&+2m_{011}^{(00)} m_{021}^{(00)} m_{013}^{(10)} + m_{011}^{(00)} m_{021}^{(10)} m_{211}^{(22)} + 2m_{011}^{(00)} m_{021}^{(10)} m_{202}^{(21)} - m_{011}^{(00)} m_{021}^{(10)} m_{103}^{(10)} \\
&-2m_{011}^{(00)} m_{021}^{(10)} m_{013}^{(00)} - m_{011}^{(00)} m_{021}^{(11)} m_{202}^{(20)} + m_{011}^{(00)} m_{021}^{(11)} m_{103}^{(00)} + m_{011}^{(00)} m_{021}^{(20)} m_{220}^{(22)} \\
&+2m_{011}^{(00)} m_{021}^{(20)} m_{211}^{(21)} + m_{011}^{(00)} m_{021}^{(20)} m_{112}^{(10)} - 4m_{011}^{(00)} m_{021}^{(20)} m_{022}^{(00)} - 2m_{011}^{(00)} m_{021}^{(21)} m_{211}^{(20)} \\
&-m_{011}^{(00)} m_{021}^{(21)} m_{202}^{(10)} + 3m_{011}^{(00)} m_{021}^{(21)} m_{112}^{(00)} - m_{011}^{(00)} m_{021}^{(22)} m_{220}^{(20)} - m_{011}^{(00)} m_{021}^{(22)} m_{211}^{(10)} \\
&+2m_{011}^{(00)} m_{021}^{(22)} m_{121}^{(00)} + 4m_{011}^{(00)} m_{012}^{(00)} m_{121}^{(21)} + 2m_{011}^{(00)} m_{012}^{(00)} m_{112}^{(11)} - 2m_{011}^{(00)} m_{012}^{(00)} m_{031}^{(20)} \\
&-4m_{011}^{(00)} m_{012}^{(00)} m_{022}^{(10)} - 2m_{011}^{(00)} m_{012}^{(10)} m_{211}^{(21)} - m_{011}^{(00)} m_{012}^{(10)} m_{202}^{(11)} - m_{011}^{(00)} m_{012}^{(10)} m_{121}^{(20)} \\
&+4m_{011}^{(00)} m_{012}^{(10)} m_{022}^{(00)} + m_{011}^{(00)} m_{012}^{(11)} m_{211}^{(20)} + m_{011}^{(00)} m_{012}^{(11)} m_{202}^{(10)} - 2m_{011}^{(00)} m_{012}^{(11)} m_{112}^{(00)} \\
&-2m_{011}^{(00)} m_{012}^{(20)} m_{220}^{(21)} - m_{011}^{(00)} m_{012}^{(20)} m_{211}^{(11)} + m_{011}^{(00)} m_{012}^{(20)} m_{130}^{(20)} + 2m_{011}^{(00)} m_{012}^{(20)} m_{031}^{(00)} \\
&+m_{011}^{(00)} m_{012}^{(21)} m_{220}^{(20)} + 2m_{011}^{(00)} m_{012}^{(21)} m_{211}^{(10)} - 3m_{011}^{(00)} m_{012}^{(21)} m_{121}^{(00)} + m_{011}^{(00)} m_{012}^{(22)} m_{220}^{(10)} \\
&-m_{011}^{(00)} m_{012}^{(22)} m_{130}^{(00)} - 2m_{011}^{(00)} m_{003}^{(00)} m_{121}^{(11)} + 2m_{011}^{(00)} m_{003}^{(00)} m_{031}^{(10)} + m_{011}^{(00)} m_{003}^{(10)} m_{211}^{(11)} \\
&+m_{011}^{(00)} m_{003}^{(10)} m_{121}^{(10)} - 2m_{011}^{(00)} m_{003}^{(10)} m_{031}^{(00)} - m_{011}^{(00)} m_{003}^{(11)} m_{211}^{(10)} + m_{011}^{(00)} m_{003}^{(11)} m_{121}^{(00)} \\
&+m_{011}^{(00)} m_{003}^{(20)} m_{220}^{(11)} - m_{011}^{(00)} m_{003}^{(20)} m_{130}^{(10)} - m_{011}^{(00)} m_{003}^{(21)} m_{220}^{(10)} + m_{011}^{(00)} m_{003}^{(21)} m_{130}^{(00)} \\
&-2m_{011}^{(10)} m_{300}^{(10)} m_{022}^{(22)} + 2m_{011}^{(10)} m_{300}^{(10)} m_{013}^{(21)} + m_{011}^{(10)} m_{300}^{(11)} m_{112}^{(22)} - m_{011}^{(10)} m_{300}^{(11)} m_{103}^{(21)} \\
&+2m_{011}^{(10)} m_{300}^{(20)} m_{022}^{(21)} - 2m_{011}^{(10)} m_{300}^{(20)} m_{013}^{(11)} + m_{011}^{(10)} m_{300}^{(21)} m_{121}^{(22)} - 2m_{011}^{(10)} m_{300}^{(21)} m_{112}^{(21)} \\
&+m_{011}^{(10)} m_{300}^{(21)} m_{103}^{(11)} - m_{011}^{(10)} m_{300}^{(22)} m_{121}^{(21)} + m_{011}^{(10)} m_{300}^{(22)} m_{112}^{(11)} + 2m_{011}^{(10)} m_{210}^{(00)} m_{022}^{(22)} \\
&-2m_{011}^{(10)} m_{210}^{(00)} m_{013}^{(21)} + 2m_{011}^{(10)} m_{210}^{(10)} m_{103}^{(21)} - 2m_{011}^{(10)} m_{210}^{(10)} m_{013}^{(20)} - m_{011}^{(10)} m_{210}^{(11)} m_{202}^{(22)} \\
&+m_{011}^{(10)} m_{210}^{(11)} m_{103}^{(20)} - m_{011}^{(10)} m_{210}^{(20)} m_{121}^{(22)} - m_{011}^{(10)} m_{210}^{(20)} m_{103}^{(11)} - 2m_{011}^{(10)} m_{210}^{(20)} m_{022}^{(20)} \\
&+4m_{011}^{(10)} m_{210}^{(20)} m_{013}^{(10)} + 2m_{011}^{(10)} m_{210}^{(21)} m_{112}^{(20)} - 2m_{011}^{(10)} m_{210}^{(21)} m_{103}^{(10)} + m_{011}^{(10)} m_{210}^{(22)} m_{202}^{(11)} \\
&+m_{011}^{(10)} m_{210}^{(22)} m_{121}^{(20)} - 2m_{011}^{(10)} m_{210}^{(22)} m_{112}^{(10)} - 2m_{011}^{(10)} m_{201}^{(00)} m_{022}^{(21)} + 2m_{011}^{(10)} m_{201}^{(00)} m_{013}^{(11)} \\
&+3m_{011}^{(10)} m_{201}^{(10)} m_{121}^{(22)} - 4m_{011}^{(10)} m_{201}^{(10)} m_{112}^{(21)} - m_{011}^{(10)} m_{201}^{(10)} m_{103}^{(11)} + 4m_{011}^{(10)} m_{201}^{(10)} m_{022}^{(20)} \\
&-2m_{011}^{(10)} m_{201}^{(10)} m_{013}^{(10)} - m_{011}^{(10)} m_{201}^{(11)} m_{211}^{(22)} + 2m_{011}^{(10)} m_{201}^{(11)} m_{202}^{(21)} - 2m_{011}^{(10)} m_{201}^{(11)} m_{112}^{(20)} \\
&+m_{011}^{(10)} m_{201}^{(11)} m_{103}^{(10)} - 2m_{011}^{(10)} m_{201}^{(20)} m_{121}^{(21)} + 4m_{011}^{(10)} m_{201}^{(20)} m_{112}^{(11)} - 2m_{011}^{(10)} m_{201}^{(20)} m_{022}^{(10)} \\
&-2m_{011}^{(10)} m_{201}^{(21)} m_{220}^{(22)} + 4m_{011}^{(10)} m_{201}^{(21)} m_{211}^{(21)} - 2m_{011}^{(10)} m_{201}^{(21)} m_{202}^{(11)} - 2m_{011}^{(10)} m_{201}^{(21)} m_{121}^{(20)} \\
&+2m_{011}^{(10)} m_{201}^{(21)} m_{112}^{(10)} + 2m_{011}^{(10)} m_{201}^{(22)} m_{220}^{(21)} - 3m_{011}^{(10)} m_{201}^{(22)} m_{211}^{(11)} + m_{011}^{(10)} m_{201}^{(22)} m_{121}^{(10)} \\
&-m_{011}^{(10)} m_{120}^{(00)} m_{112}^{(22)} - m_{011}^{(10)} m_{120}^{(00)} m_{103}^{(21)} + 2m_{011}^{(10)} m_{120}^{(00)} m_{013}^{(20)} + 2m_{011}^{(10)} m_{120}^{(10)} m_{202}^{(22)} \\
&-2m_{011}^{(10)} m_{120}^{(10)} m_{103}^{(20)} + 2m_{011}^{(10)} m_{120}^{(20)} m_{103}^{(10)} - 2m_{011}^{(10)} m_{120}^{(20)} m_{013}^{(00)} - m_{011}^{(10)} m_{120}^{(21)} m_{301}^{(22)} \\
&+m_{011}^{(10)} m_{120}^{(21)} m_{103}^{(00)} + m_{011}^{(10)} m_{120}^{(22)} m_{301}^{(21)} - 2m_{011}^{(10)} m_{120}^{(22)} m_{202}^{(10)} + m_{011}^{(10)} m_{120}^{(22)} m_{112}^{(00)} \\
&-3m_{011}^{(10)} m_{111}^{(00)} m_{121}^{(22)} + 6m_{011}^{(10)} m_{111}^{(00)} m_{112}^{(21)} + m_{011}^{(10)} m_{111}^{(00)} m_{103}^{(11)} - 2m_{011}^{(10)} m_{111}^{(00)} m_{022}^{(20)} \\
&-2m_{011}^{(10)} m_{111}^{(00)} m_{013}^{(10)} - 2m_{011}^{(10)} m_{111}^{(10)} m_{211}^{(22)} - 4m_{011}^{(10)} m_{111}^{(10)} m_{202}^{(21)} + 4m_{011}^{(10)} m_{111}^{(10)} m_{112}^{(20)} \\
&+2m_{011}^{(10)} m_{111}^{(10)} m_{013}^{(00)} + m_{011}^{(10)} m_{111}^{(11)} m_{301}^{(22)} - m_{011}^{(10)} m_{111}^{(11)} m_{103}^{(00)} + 2m_{011}^{(10)} m_{111}^{(20)} m_{220}^{(22)} \\
&+4m_{011}^{(10)} m_{111}^{(20)} m_{121}^{(20)} - 8m_{011}^{(10)} m_{111}^{(20)} m_{112}^{(10)} + 2m_{011}^{(10)} m_{111}^{(20)} m_{022}^{(00)} + 2m_{011}^{(10)} m_{111}^{(21)} m_{310}^{(22)} \\
&-4m_{011}^{(10)} m_{111}^{(21)} m_{211}^{(20)} + 4m_{011}^{(10)} m_{111}^{(21)} m_{202}^{(10)} - 2m_{011}^{(10)} m_{111}^{(21)} m_{112}^{(00)} - 2m_{011}^{(10)} m_{111}^{(22)} m_{310}^{(21)} \\
&-m_{011}^{(10)} m_{111}^{(22)} m_{301}^{(11)} - 2m_{011}^{(10)} m_{111}^{(22)} m_{220}^{(20)} + 6m_{011}^{(10)} m_{111}^{(22)} m_{211}^{(10)} - m_{011}^{(10)} m_{111}^{(22)} m_{121}^{(00)} \\
&+3m_{011}^{(10)} m_{102}^{(00)} m_{121}^{(21)} - 5m_{011}^{(10)} m_{102}^{(00)} m_{112}^{(11)} + 2m_{011}^{(10)} m_{102}^{(00)} m_{022}^{(10)} + 2m_{011}^{(10)} m_{102}^{(10)} m_{211}^{(21)} \\
&+2m_{011}^{(10)} m_{102}^{(10)} m_{202}^{(11)} - 6m_{011}^{(10)} m_{102}^{(10)} m_{121}^{(20)} + 4m_{011}^{(10)} m_{102}^{(10)} m_{112}^{(10)} - 2m_{011}^{(10)} m_{102}^{(10)} m_{022}^{(00)}
\end{aligned}
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\begin{aligned}
&-m_{011}^{(10)}m_{102}^{(11)}m_{301}^{(21)}+2m_{011}^{(10)}m_{102}^{(11)}m_{211}^{(20)}-2m_{011}^{(10)}m_{102}^{(11)}m_{202}^{(10)}+m_{011}^{(10)}m_{102}^{(11)}m_{112}^{(00)}\\
&-2m_{011}^{(10)}m_{102}^{(20)}m_{220}^{(21)}+2m_{011}^{(10)}m_{102}^{(20)}m_{121}^{(10)}-2m_{011}^{(10)}m_{102}^{(21)}m_{310}^{(21)}+m_{011}^{(10)}m_{102}^{(21)}m_{301}^{(11)}\\
&+4m_{011}^{(10)}m_{102}^{(21)}m_{220}^{(20)}-4m_{011}^{(10)}m_{102}^{(21)}m_{211}^{(10)}+m_{011}^{(10)}m_{102}^{(21)}m_{121}^{(00)}+2m_{011}^{(10)}m_{102}^{(22)}m_{310}^{(11)}\\
&-2m_{011}^{(10)}m_{102}^{(22)}m_{220}^{(10)}-m_{011}^{(10)}m_{030}^{(00)}m_{202}^{(22)}+m_{011}^{(10)}m_{030}^{(00)}m_{103}^{(20)}+m_{011}^{(10)}m_{030}^{(20)}m_{301}^{(22)}\\
&-m_{011}^{(10)}m_{030}^{(20)}m_{103}^{(00)}-m_{011}^{(10)}m_{030}^{(22)}m_{301}^{(20)}+m_{011}^{(10)}m_{030}^{(22)}m_{202}^{(00)}+3m_{011}^{(10)}m_{021}^{(00)}m_{211}^{(22)}\\
&+2m_{011}^{(10)}m_{021}^{(00)}m_{202}^{(21)}-4m_{011}^{(10)}m_{021}^{(00)}m_{112}^{(20)}-m_{011}^{(10)}m_{021}^{(00)}m_{103}^{(10)}-m_{011}^{(10)}m_{021}^{(10)}m_{301}^{(22)}\\
&+m_{011}^{(10)}m_{021}^{(10)}m_{103}^{(00)}-2m_{011}^{(10)}m_{021}^{(20)}m_{310}^{(22)}-2m_{011}^{(10)}m_{021}^{(20)}m_{301}^{(21)}+4m_{011}^{(10)}m_{021}^{(20)}m_{112}^{(00)}\\
&+2m_{011}^{(10)}m_{021}^{(21)}m_{301}^{(20)}-2m_{011}^{(10)}m_{021}^{(21)}m_{202}^{(00)}+2m_{011}^{(10)}m_{021}^{(22)}m_{310}^{(20)}+m_{011}^{(10)}m_{021}^{(22)}m_{301}^{(10)}\\
&-3m_{011}^{(10)}m_{021}^{(22)}m_{211}^{(00)}-6m_{011}^{(10)}m_{012}^{(00)}m_{211}^{(21)}-m_{011}^{(10)}m_{012}^{(00)}m_{202}^{(11)}+3m_{011}^{(10)}m_{012}^{(00)}m_{121}^{(20)}\\
&+4m_{011}^{(10)}m_{012}^{(00)}m_{112}^{(10)}+2m_{011}^{(10)}m_{012}^{(10)}m_{301}^{(21)}+2m_{011}^{(10)}m_{012}^{(10)}m_{211}^{(20)}-4m_{011}^{(10)}m_{012}^{(10)}m_{112}^{(00)}\\
&-m_{011}^{(10)}m_{012}^{(11)}m_{301}^{(20)}+m_{011}^{(10)}m_{012}^{(11)}m_{202}^{(00)}+4m_{011}^{(10)}m_{012}^{(20)}m_{310}^{(21)}+m_{011}^{(10)}m_{012}^{(20)}m_{301}^{(11)}\\
&-2m_{011}^{(10)}m_{012}^{(20)}m_{220}^{(20)}-3m_{011}^{(10)}m_{012}^{(20)}m_{121}^{(00)}-2m_{011}^{(10)}m_{012}^{(21)}m_{310}^{(20)}-2m_{011}^{(10)}m_{012}^{(21)}m_{301}^{(10)}\\
&+4m_{011}^{(10)}m_{012}^{(21)}m_{211}^{(00)}-2m_{011}^{(10)}m_{012}^{(22)}m_{310}^{(10)}+2m_{011}^{(10)}m_{012}^{(22)}m_{220}^{(00)}+3m_{011}^{(10)}m_{003}^{(00)}m_{211}^{(11)}\\
&-3m_{011}^{(10)}m_{003}^{(00)}m_{121}^{(10)}-m_{011}^{(10)}m_{003}^{(10)}m_{301}^{(11)}-2m_{011}^{(10)}m_{003}^{(10)}m_{211}^{(10)}+3m_{011}^{(10)}m_{003}^{(10)}m_{121}^{(00)}\\
&+m_{011}^{(10)}m_{003}^{(11)}m_{301}^{(10)}-m_{011}^{(10)}m_{003}^{(11)}m_{211}^{(00)}-2m_{011}^{(10)}m_{003}^{(20)}m_{310}^{(11)}+2m_{011}^{(10)}m_{003}^{(20)}m_{220}^{(10)}\\
&+2m_{011}^{(10)}m_{003}^{(21)}m_{310}^{(10)}-2m_{011}^{(10)}m_{003}^{(21)}m_{220}^{(00)}+m_{011}^{(11)}m_{300}^{(10)}m_{112}^{(22)}-m_{011}^{(11)}m_{300}^{(10)}m_{103}^{(21)}\\
&-m_{011}^{(11)}m_{300}^{(20)}m_{112}^{(21)}+m_{011}^{(11)}m_{300}^{(20)}m_{103}^{(11)}-m_{011}^{(11)}m_{300}^{(21)}m_{211}^{(22)}+m_{011}^{(11)}m_{300}^{(21)}m_{202}^{(21)}\\
&+m_{011}^{(11)}m_{300}^{(22)}m_{211}^{(21)}-m_{011}^{(11)}m_{300}^{(22)}m_{202}^{(11)}-m_{011}^{(11)}m_{210}^{(00)}m_{112}^{(22)}+m_{011}^{(11)}m_{210}^{(00)}m_{103}^{(21)}\\
&-m_{011}^{(11)}m_{210}^{(10)}m_{202}^{(22)}+m_{011}^{(11)}m_{210}^{(10)}m_{103}^{(20)}+m_{011}^{(11)}m_{210}^{(20)}m_{211}^{(22)}+m_{011}^{(11)}m_{210}^{(20)}m_{112}^{(20)}\\
&-2m_{011}^{(11)}m_{210}^{(20)}m_{103}^{(10)}+m_{011}^{(11)}m_{210}^{(21)}m_{301}^{(22)}-m_{011}^{(11)}m_{210}^{(21)}m_{202}^{(20)}-m_{011}^{(11)}m_{210}^{(22)}m_{301}^{(21)}\\
&-m_{011}^{(11)}m_{210}^{(22)}m_{211}^{(20)}+2m_{011}^{(11)}m_{210}^{(22)}m_{202}^{(10)}+m_{011}^{(11)}m_{201}^{(00)}m_{112}^{(21)}-m_{011}^{(11)}m_{201}^{(00)}m_{103}^{(11)}\\
&-m_{011}^{(11)}m_{201}^{(10)}m_{211}^{(22)}+2m_{011}^{(11)}m_{201}^{(10)}m_{202}^{(21)}-2m_{011}^{(11)}m_{201}^{(10)}m_{112}^{(20)}+m_{011}^{(11)}m_{201}^{(10)}m_{103}^{(10)}\\
&-m_{011}^{(11)}m_{201}^{(20)}m_{202}^{(11)}+m_{011}^{(11)}m_{201}^{(20)}m_{112}^{(10)}+m_{011}^{(11)}m_{201}^{(21)}m_{310}^{(22)}-2m_{011}^{(11)}m_{201}^{(21)}m_{301}^{(21)}\\
&+2m_{011}^{(11)}m_{201}^{(21)}m_{211}^{(20)}-m_{011}^{(11)}m_{201}^{(21)}m_{202}^{(10)}-m_{011}^{(11)}m_{201}^{(22)}m_{310}^{(21)}+2m_{011}^{(11)}m_{201}^{(22)}m_{301}^{(11)}\\
&-m_{011}^{(11)}m_{201}^{(22)}m_{211}^{(10)}+m_{011}^{(11)}m_{120}^{(00)}m_{202}^{(22)}-m_{011}^{(11)}m_{120}^{(00)}m_{103}^{(20)}-m_{011}^{(11)}m_{120}^{(20)}m_{301}^{(22)}\\
&+m_{011}^{(11)}m_{120}^{(20)}m_{103}^{(00)}+m_{011}^{(11)}m_{120}^{(22)}m_{301}^{(20)}-m_{011}^{(11)}m_{120}^{(22)}m_{202}^{(00)}+m_{011}^{(11)}m_{111}^{(00)}m_{211}^{(22)}\\
&-3m_{011}^{(11)}m_{111}^{(00)}m_{202}^{(21)}+m_{011}^{(11)}m_{111}^{(00)}m_{112}^{(20)}+m_{011}^{(11)}m_{111}^{(00)}m_{103}^{(10)}+m_{011}^{(11)}m_{111}^{(10)}m_{301}^{(22)}\\
&-m_{011}^{(11)}m_{111}^{(10)}m_{103}^{(00)}-m_{011}^{(11)}m_{111}^{(20)}m_{310}^{(22)}+2m_{011}^{(11)}m_{111}^{(20)}m_{301}^{(21)}-2m_{011}^{(11)}m_{111}^{(20)}m_{211}^{(20)}\\
&+2m_{011}^{(11)}m_{111}^{(20)}m_{202}^{(10)}-m_{011}^{(11)}m_{111}^{(20)}m_{112}^{(00)}-m_{011}^{(11)}m_{111}^{(21)}m_{400}^{(22)}+m_{011}^{(11)}m_{111}^{(21)}m_{202}^{(00)}\\
&+m_{011}^{(11)}m_{111}^{(22)}m_{400}^{(21)}+m_{011}^{(11)}m_{111}^{(22)}m_{310}^{(20)}-3m_{011}^{(11)}m_{111}^{(22)}m_{301}^{(10)}+m_{011}^{(11)}m_{111}^{(22)}m_{211}^{(00)}\\
&-m_{011}^{(11)}m_{102}^{(00)}m_{211}^{(21)}+2m_{011}^{(11)}m_{102}^{(00)}m_{202}^{(11)}-m_{011}^{(11)}m_{102}^{(00)}m_{112}^{(10)}-m_{011}^{(11)}m_{102}^{(10)}m_{301}^{(21)}\\
&+2m_{011}^{(11)}m_{102}^{(10)}m_{211}^{(20)}-2m_{011}^{(11)}m_{102}^{(10)}m_{202}^{(10)}+m_{011}^{(11)}m_{102}^{(10)}m_{112}^{(00)}+m_{011}^{(11)}m_{102}^{(20)}m_{310}^{(21)}\\
&-m_{011}^{(11)}m_{102}^{(20)}m_{301}^{(11)}+m_{011}^{(11)}m_{102}^{(21)}m_{400}^{(21)}-2m_{011}^{(11)}m_{102}^{(21)}m_{310}^{(20)}+2m_{011}^{(11)}m_{102}^{(21)}m_{301}^{(10)}\\
&-m_{011}^{(11)}m_{102}^{(21)}m_{211}^{(00)}-m_{011}^{(11)}m_{102}^{(22)}m_{400}^{(11)}+m_{011}^{(11)}m_{102}^{(22)}m_{310}^{(10)}-m_{011}^{(11)}m_{021}^{(00)}m_{301}^{(22)}\\
&+m_{011}^{(11)}m_{021}^{(00)}m_{202}^{(20)}+m_{011}^{(11)}m_{021}^{(20)}m_{400}^{(22)}-m_{011}^{(11)}m_{021}^{(20)}m_{202}^{(00)}-m_{011}^{(11)}m_{021}^{(22)}m_{400}^{(20)}\\
&+m_{011}^{(11)}m_{021}^{(22)}m_{301}^{(00)}+2m_{011}^{(11)}m_{012}^{(00)}m_{301}^{(21)}-m_{011}^{(11)}m_{012}^{(00)}m_{211}^{(20)}-m_{011}^{(11)}m_{012}^{(00)}m_{202}^{(10)}\\
&-m_{011}^{(11)}m_{012}^{(10)}m_{301}^{(20)}+m_{011}^{(11)}m_{012}^{(10)}m_{202}^{(00)}-2m_{011}^{(11)}m_{012}^{(20)}m_{400}^{(21)}+m_{011}^{(11)}m_{012}^{(20)}m_{310}^{(20)}\\
&+m_{011}^{(11)}m_{012}^{(20)}m_{211}^{(00)}+m_{011}^{(11)}m_{012}^{(21)}m_{400}^{(20)}-m_{011}^{(11)}m_{012}^{(21)}m_{301}^{(00)}+m_{011}^{(11)}m_{012}^{(22)}m_{400}^{(10)}
\end{aligned}
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\begin{aligned}
&-m_{011}^{(11)}m_{012}^{(22)}m_{310}^{(00)} - m_{011}^{(11)}m_{003}^{(00)}m_{301}^{(11)} + m_{011}^{(11)}m_{003}^{(00)}m_{211}^{(10)} + m_{011}^{(11)}m_{003}^{(10)}m_{301}^{(10)}\\
&-m_{011}^{(11)}m_{003}^{(10)}m_{211}^{(00)} + m_{011}^{(11)}m_{003}^{(20)}m_{400}^{(11)} - m_{011}^{(11)}m_{003}^{(20)}m_{310}^{(10)} - m_{011}^{(11)}m_{003}^{(21)}m_{400}^{(10)}\\
&+m_{011}^{(11)}m_{003}^{(21)}m_{310}^{(00)} + 2m_{011}^{(20)}m_{300}^{(10)}m_{031}^{(22)} - 2m_{011}^{(20)}m_{300}^{(10)}m_{022}^{(21)} - m_{011}^{(20)}m_{300}^{(11)}m_{121}^{(22)}\\
&+m_{011}^{(20)}m_{300}^{(11)}m_{112}^{(21)} - 2m_{011}^{(20)}m_{300}^{(20)}m_{031}^{(21)} + 2m_{011}^{(20)}m_{300}^{(20)}m_{022}^{(11)} - m_{011}^{(20)}m_{300}^{(21)}m_{130}^{(22)}\\
&+2m_{011}^{(20)}m_{300}^{(21)}m_{121}^{(21)} - m_{011}^{(20)}m_{300}^{(21)}m_{112}^{(11)} + m_{011}^{(20)}m_{300}^{(22)}m_{130}^{(21)} - m_{011}^{(20)}m_{300}^{(22)}m_{121}^{(11)}\\
&-2m_{011}^{(20)}m_{210}^{(00)}m_{031}^{(22)} + 2m_{011}^{(20)}m_{210}^{(00)}m_{022}^{(21)} - 4m_{011}^{(20)}m_{210}^{(10)}m_{121}^{(22)} + 2m_{011}^{(20)}m_{210}^{(10)}m_{112}^{(21)}\\
&+2m_{011}^{(20)}m_{210}^{(10)}m_{022}^{(20)} + 3m_{011}^{(20)}m_{210}^{(11)}m_{211}^{(22)} - 2m_{011}^{(20)}m_{210}^{(11)}m_{202}^{(21)} - m_{011}^{(20)}m_{210}^{(11)}m_{112}^{(20)}\\
&+m_{011}^{(20)}m_{210}^{(20)}m_{130}^{(22)} + 4m_{011}^{(20)}m_{210}^{(20)}m_{121}^{(21)} - 3m_{011}^{(20)}m_{210}^{(20)}m_{112}^{(11)} + 2m_{011}^{(20)}m_{210}^{(20)}m_{031}^{(20)}\\
&-4m_{011}^{(20)}m_{210}^{(20)}m_{022}^{(10)} + 2m_{011}^{(20)}m_{210}^{(21)}m_{220}^{(22)} - 4m_{011}^{(20)}m_{210}^{(21)}m_{211}^{(21)} + 2m_{011}^{(20)}m_{210}^{(21)}m_{202}^{(11)}\\
&-2m_{011}^{(20)}m_{210}^{(21)}m_{121}^{(20)} + 2m_{011}^{(20)}m_{210}^{(21)}m_{112}^{(10)} - 2m_{011}^{(20)}m_{210}^{(22)}m_{220}^{(21)} + m_{011}^{(20)}m_{210}^{(22)}m_{211}^{(11)}\\
&-m_{011}^{(20)}m_{210}^{(22)}m_{130}^{(20)} + 2m_{011}^{(20)}m_{210}^{(22)}m_{121}^{(10)} + 2m_{011}^{(20)}m_{201}^{(00)}m_{031}^{(21)} - 2m_{011}^{(20)}m_{201}^{(00)}m_{022}^{(11)}\\
&+m_{011}^{(20)}m_{201}^{(10)}m_{130}^{(22)} + m_{011}^{(20)}m_{201}^{(10)}m_{112}^{(11)} - 4m_{011}^{(20)}m_{201}^{(10)}m_{031}^{(20)} + 2m_{011}^{(20)}m_{201}^{(10)}m_{022}^{(10)}\\
&-m_{011}^{(20)}m_{201}^{(11)}m_{220}^{(22)} + 2m_{011}^{(20)}m_{201}^{(11)}m_{121}^{(20)} - m_{011}^{(20)}m_{201}^{(11)}m_{112}^{(10)} - 2m_{011}^{(20)}m_{201}^{(20)}m_{130}^{(21)}\\
&+2m_{011}^{(20)}m_{201}^{(20)}m_{031}^{(10)} + 2m_{011}^{(20)}m_{201}^{(21)}m_{130}^{(20)} - 2m_{011}^{(20)}m_{201}^{(21)}m_{121}^{(10)} + m_{011}^{(20)}m_{201}^{(22)}m_{220}^{(11)}\\
&-m_{011}^{(20)}m_{201}^{(22)}m_{130}^{(10)} + 5m_{011}^{(20)}m_{120}^{(00)}m_{121}^{(22)} - 3m_{011}^{(20)}m_{120}^{(00)}m_{112}^{(21)} - 2m_{011}^{(20)}m_{120}^{(00)}m_{022}^{(20)}\\
&+2m_{011}^{(20)}m_{120}^{(10)}m_{202}^{(21)} - 2m_{011}^{(20)}m_{120}^{(10)}m_{112}^{(20)} - 2m_{011}^{(20)}m_{120}^{(11)}m_{301}^{(22)} + 2m_{011}^{(20)}m_{120}^{(11)}m_{202}^{(20)}\\
&-2m_{011}^{(20)}m_{120}^{(20)}m_{220}^{(22)} - 2m_{011}^{(20)}m_{120}^{(20)}m_{211}^{(21)} - 4m_{011}^{(20)}m_{120}^{(20)}m_{121}^{(20)} + 6m_{011}^{(20)}m_{120}^{(20)}m_{112}^{(10)}\\
&+2m_{011}^{(20)}m_{120}^{(20)}m_{022}^{(00)} - m_{011}^{(20)}m_{120}^{(21)}m_{310}^{(22)} + 2m_{011}^{(20)}m_{120}^{(21)}m_{301}^{(21)} + 4m_{011}^{(20)}m_{120}^{(21)}m_{211}^{(20)}\\
&-4m_{011}^{(20)}m_{120}^{(21)}m_{202}^{(10)} - m_{011}^{(20)}m_{120}^{(21)}m_{112}^{(00)} + m_{011}^{(20)}m_{120}^{(22)}m_{310}^{(21)} + 2m_{011}^{(20)}m_{120}^{(22)}m_{220}^{(20)}\\
&-2m_{011}^{(20)}m_{120}^{(22)}m_{211}^{(10)} - m_{011}^{(20)}m_{120}^{(22)}m_{121}^{(00)} - m_{011}^{(20)}m_{111}^{(00)}m_{130}^{(22)} - 6m_{011}^{(20)}m_{111}^{(00)}m_{121}^{(21)}\\
&+3m_{011}^{(20)}m_{111}^{(00)}m_{112}^{(11)} + 2m_{011}^{(20)}m_{111}^{(00)}m_{031}^{(20)} + 2m_{011}^{(20)}m_{111}^{(00)}m_{022}^{(10)} - 2m_{011}^{(20)}m_{111}^{(10)}m_{202}^{(11)}\\
&+8m_{011}^{(20)}m_{111}^{(10)}m_{121}^{(20)} - 4m_{011}^{(20)}m_{111}^{(10)}m_{112}^{(10)} - 2m_{011}^{(20)}m_{111}^{(10)}m_{022}^{(00)} + m_{011}^{(20)}m_{111}^{(11)}m_{310}^{(22)}\\
&+2m_{011}^{(20)}m_{111}^{(11)}m_{301}^{(21)} - 6m_{011}^{(20)}m_{111}^{(11)}m_{211}^{(20)} + 2m_{011}^{(20)}m_{111}^{(11)}m_{202}^{(10)} + m_{011}^{(20)}m_{111}^{(11)}m_{112}^{(00)}\\
&+4m_{011}^{(20)}m_{111}^{(20)}m_{220}^{(21)} + 2m_{011}^{(20)}m_{111}^{(20)}m_{211}^{(11)} - 4m_{011}^{(20)}m_{111}^{(20)}m_{121}^{(10)} - 2m_{011}^{(20)}m_{111}^{(20)}m_{031}^{(00)}\\
&-2m_{011}^{(20)}m_{111}^{(21)}m_{301}^{(11)} - 4m_{011}^{(20)}m_{111}^{(21)}m_{220}^{(20)} + 4m_{011}^{(20)}m_{111}^{(21)}m_{211}^{(10)} + 2m_{011}^{(20)}m_{111}^{(21)}m_{121}^{(00)}\\
&-m_{011}^{(20)}m_{111}^{(22)}m_{310}^{(11)} + m_{011}^{(20)}m_{111}^{(22)}m_{130}^{(00)} + m_{011}^{(20)}m_{102}^{(00)}m_{130}^{(21)} + m_{011}^{(20)}m_{102}^{(00)}m_{121}^{(11)}\\
&-2m_{011}^{(20)}m_{102}^{(00)}m_{031}^{(10)} - 2m_{011}^{(20)}m_{102}^{(10)}m_{130}^{(20)} + 2m_{011}^{(20)}m_{102}^{(10)}m_{031}^{(00)} - m_{011}^{(20)}m_{102}^{(11)}m_{310}^{(21)}\\
&+2m_{011}^{(20)}m_{102}^{(11)}m_{220}^{(20)} - m_{011}^{(20)}m_{102}^{(11)}m_{121}^{(00)} - 2m_{011}^{(20)}m_{102}^{(20)}m_{220}^{(11)} + 2m_{011}^{(20)}m_{102}^{(20)}m_{130}^{(10)}\\
&+m_{011}^{(20)}m_{102}^{(21)}m_{310}^{(11)} - m_{011}^{(20)}m_{102}^{(21)}m_{130}^{(00)} - 3m_{011}^{(20)}m_{030}^{(00)}m_{211}^{(22)} + 3m_{011}^{(20)}m_{030}^{(00)}m_{112}^{(20)}\\
&+2m_{011}^{(20)}m_{030}^{(10)}m_{301}^{(22)} - 2m_{011}^{(20)}m_{030}^{(10)}m_{202}^{(20)} + m_{011}^{(20)}m_{030}^{(20)}m_{310}^{(22)} + 2m_{011}^{(20)}m_{030}^{(20)}m_{211}^{(20)}\\
&-3m_{011}^{(20)}m_{030}^{(20)}m_{112}^{(00)} - 2m_{011}^{(20)}m_{030}^{(21)}m_{301}^{(20)} + 2m_{011}^{(20)}m_{030}^{(21)}m_{202}^{(00)} - m_{011}^{(20)}m_{030}^{(22)}m_{310}^{(20)}\\
&+m_{011}^{(20)}m_{030}^{(22)}m_{211}^{(00)} + m_{011}^{(20)}m_{021}^{(00)}m_{220}^{(22)} + 6m_{011}^{(20)}m_{021}^{(00)}m_{211}^{(21)} - 4m_{011}^{(20)}m_{021}^{(00)}m_{121}^{(20)}\\
&-3m_{011}^{(20)}m_{021}^{(00)}m_{112}^{(10)} - m_{011}^{(20)}m_{021}^{(10)}m_{310}^{(22)} - 4m_{011}^{(20)}m_{021}^{(10)}m_{301}^{(21)} + 2m_{011}^{(20)}m_{021}^{(10)}m_{202}^{(10)}\\
&+3m_{011}^{(20)}m_{021}^{(10)}m_{112}^{(00)} + 2m_{011}^{(20)}m_{021}^{(11)}m_{301}^{(20)} - 2m_{011}^{(20)}m_{021}^{(11)}m_{202}^{(00)} - 2m_{011}^{(20)}m_{021}^{(20)}m_{310}^{(21)}\\
&-2m_{011}^{(20)}m_{021}^{(20)}m_{211}^{(10)} + 4m_{011}^{(20)}m_{021}^{(20)}m_{121}^{(00)} + 2m_{011}^{(20)}m_{021}^{(21)}m_{310}^{(20)} + 2m_{011}^{(20)}m_{021}^{(21)}m_{301}^{(10)}\\
&-4m_{011}^{(20)}m_{021}^{(21)}m_{211}^{(00)} + m_{011}^{(20)}m_{021}^{(22)}m_{310}^{(10)} - m_{011}^{(20)}m_{021}^{(22)}m_{220}^{(00)} - 2m_{011}^{(20)}m_{012}^{(00)}m_{220}^{(21)}\\
&-3m_{011}^{(20)}m_{012}^{(00)}m_{211}^{(11)} + m_{011}^{(20)}m_{012}^{(00)}m_{130}^{(20)} + 4m_{011}^{(20)}m_{012}^{(00)}m_{121}^{(10)} + 2m_{011}^{(20)}m_{012}^{(10)}m_{310}^{(21)}\\
&+2m_{011}^{(20)}m_{012}^{(10)}m_{301}^{(11)} - 4m_{011}^{(20)}m_{012}^{(10)}m_{121}^{(00)} - m_{011}^{(20)}m_{012}^{(11)}m_{310}^{(20)} - 2m_{011}^{(20)}m_{012}^{(11)}m_{301}^{(10)}
\end{aligned}
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\begin{aligned}
&+3m_{011}^{(20)}m_{012}^{(11)}m_{211}^{(00)} + m_{011}^{(20)}m_{012}^{(20)}m_{310}^{(11)} - m_{011}^{(20)}m_{012}^{(20)}m_{130}^{(00)} - 2m_{011}^{(20)}m_{012}^{(21)}m_{310}^{(10)}\\
&+2m_{011}^{(20)}m_{012}^{(21)}m_{220}^{(00)} + m_{011}^{(20)}m_{003}^{(00)}m_{220}^{(11)} - m_{011}^{(20)}m_{003}^{(00)}m_{130}^{(10)} - m_{011}^{(20)}m_{003}^{(10)}m_{310}^{(11)}\\
&+m_{011}^{(20)}m_{003}^{(10)}m_{130}^{(00)} + m_{011}^{(20)}m_{003}^{(11)}m_{310}^{(10)} - m_{011}^{(20)}m_{003}^{(11)}m_{220}^{(00)} - m_{011}^{(21)}m_{300}^{(11)}m_{211}^{(22)}\\
&+m_{011}^{(21)}m_{300}^{(11)}m_{202}^{(21)} + m_{011}^{(21)}m_{300}^{(21)}m_{220}^{(22)} - m_{011}^{(21)}m_{300}^{(21)}m_{202}^{(11)} - m_{011}^{(21)}m_{300}^{(22)}m_{220}^{(21)}\\
&+m_{011}^{(21)}m_{300}^{(22)}m_{211}^{(11)} + 2m_{011}^{(21)}m_{210}^{(10)}m_{211}^{(22)} - 2m_{011}^{(21)}m_{210}^{(10)}m_{202}^{(21)} + m_{011}^{(21)}m_{210}^{(11)}m_{301}^{(22)}\\
&-m_{011}^{(21)}m_{210}^{(11)}m_{202}^{(20)} - m_{011}^{(21)}m_{210}^{(20)}m_{220}^{(22)} + m_{011}^{(21)}m_{210}^{(20)}m_{202}^{(11)} - 2m_{011}^{(21)}m_{210}^{(21)}m_{310}^{(22)}\\
&+2m_{011}^{(21)}m_{210}^{(21)}m_{202}^{(10)} + 2m_{011}^{(21)}m_{210}^{(22)}m_{310}^{(21)} - m_{011}^{(21)}m_{210}^{(22)}m_{301}^{(11)} + m_{011}^{(21)}m_{210}^{(22)}m_{220}^{(20)}\\
&-2m_{011}^{(21)}m_{210}^{(22)}m_{211}^{(10)} - m_{011}^{(21)}m_{201}^{(10)}m_{220}^{(22)} + m_{011}^{(21)}m_{201}^{(10)}m_{202}^{(11)} + m_{011}^{(21)}m_{201}^{(11)}m_{310}^{(22)}\\
&-2m_{011}^{(21)}m_{201}^{(11)}m_{301}^{(21)} + 2m_{011}^{(21)}m_{201}^{(11)}m_{211}^{(20)} - m_{011}^{(21)}m_{201}^{(11)}m_{202}^{(10)} + 2m_{011}^{(21)}m_{201}^{(20)}m_{220}^{(21)}\\
&-2m_{011}^{(21)}m_{201}^{(20)}m_{211}^{(11)} + 2m_{011}^{(21)}m_{201}^{(21)}m_{301}^{(11)} - 2m_{011}^{(21)}m_{201}^{(21)}m_{220}^{(20)} - m_{011}^{(21)}m_{201}^{(22)}m_{310}^{(11)}\\
&+m_{011}^{(21)}m_{201}^{(22)}m_{220}^{(10)} - m_{011}^{(21)}m_{120}^{(00)}m_{211}^{(22)} + m_{011}^{(21)}m_{120}^{(00)}m_{202}^{(21)} - 2m_{011}^{(21)}m_{120}^{(10)}m_{301}^{(22)}\\
&+2m_{011}^{(21)}m_{120}^{(10)}m_{202}^{(20)} + 2m_{011}^{(21)}m_{120}^{(20)}m_{310}^{(22)} - 2m_{011}^{(21)}m_{120}^{(20)}m_{202}^{(10)} + m_{011}^{(21)}m_{120}^{(21)}m_{400}^{(22)}\\
&-m_{011}^{(21)}m_{120}^{(21)}m_{202}^{(00)} - m_{011}^{(21)}m_{120}^{(22)}m_{400}^{(21)} - 2m_{011}^{(21)}m_{120}^{(22)}m_{310}^{(20)} + 2m_{011}^{(21)}m_{120}^{(22)}m_{301}^{(10)}\\
&+m_{011}^{(21)}m_{120}^{(22)}m_{211}^{(00)} + m_{011}^{(21)}m_{111}^{(00)}m_{220}^{(22)} - m_{011}^{(21)}m_{111}^{(00)}m_{202}^{(11)} + 4m_{011}^{(21)}m_{111}^{(10)}m_{301}^{(21)}\\
&-4m_{011}^{(21)}m_{111}^{(10)}m_{211}^{(20)} - m_{011}^{(21)}m_{111}^{(11)}m_{400}^{(22)} + m_{011}^{(21)}m_{111}^{(11)}m_{202}^{(00)} - 4m_{011}^{(21)}m_{111}^{(20)}m_{310}^{(21)}\\
&+4m_{011}^{(21)}m_{111}^{(20)}m_{211}^{(10)} + 4m_{011}^{(21)}m_{111}^{(21)}m_{310}^{(20)} - 4m_{011}^{(21)}m_{111}^{(21)}m_{301}^{(10)} + m_{011}^{(21)}m_{111}^{(22)}m_{400}^{(11)}\\
&-m_{011}^{(21)}m_{111}^{(22)}m_{220}^{(00)} - m_{011}^{(21)}m_{102}^{(00)}m_{220}^{(21)} + m_{011}^{(21)}m_{102}^{(00)}m_{211}^{(11)} - 2m_{011}^{(21)}m_{102}^{(10)}m_{301}^{(11)}\\
&+2m_{011}^{(21)}m_{102}^{(10)}m_{220}^{(20)} + m_{011}^{(21)}m_{102}^{(11)}m_{400}^{(21)} - 2m_{011}^{(21)}m_{102}^{(11)}m_{310}^{(20)} + 2m_{011}^{(21)}m_{102}^{(11)}m_{301}^{(10)}\\
&-m_{011}^{(21)}m_{102}^{(11)}m_{211}^{(00)} + 2m_{011}^{(21)}m_{102}^{(20)}m_{310}^{(11)} - 2m_{011}^{(21)}m_{102}^{(20)}m_{220}^{(10)} - m_{011}^{(21)}m_{102}^{(21)}m_{400}^{(11)}\\
&+m_{011}^{(21)}m_{102}^{(21)}m_{220}^{(00)} + m_{011}^{(21)}m_{030}^{(00)}m_{301}^{(22)} - m_{011}^{(21)}m_{030}^{(00)}m_{202}^{(20)} - m_{011}^{(21)}m_{030}^{(20)}m_{400}^{(22)}\\
&+m_{011}^{(21)}m_{030}^{(20)}m_{202}^{(00)} + m_{011}^{(21)}m_{030}^{(22)}m_{400}^{(20)} - m_{011}^{(21)}m_{030}^{(22)}m_{301}^{(00)} - m_{011}^{(21)}m_{021}^{(00)}m_{310}^{(22)}\\
&-2m_{011}^{(21)}m_{021}^{(00)}m_{301}^{(21)} + 2m_{011}^{(21)}m_{021}^{(00)}m_{211}^{(20)} + m_{011}^{(21)}m_{021}^{(00)}m_{202}^{(10)} + m_{011}^{(21)}m_{021}^{(10)}m_{400}^{(22)}\\
&-m_{011}^{(21)}m_{021}^{(10)}m_{202}^{(00)} + 2m_{011}^{(21)}m_{021}^{(20)}m_{400}^{(21)} - 2m_{011}^{(21)}m_{021}^{(20)}m_{211}^{(00)} - 2m_{011}^{(21)}m_{021}^{(21)}m_{400}^{(20)}\\
&+2m_{011}^{(21)}m_{021}^{(21)}m_{301}^{(00)} - m_{011}^{(21)}m_{021}^{(22)}m_{400}^{(10)} + m_{011}^{(21)}m_{021}^{(22)}m_{310}^{(00)} + 2m_{011}^{(21)}m_{012}^{(00)}m_{310}^{(21)}\\
&+m_{011}^{(21)}m_{012}^{(00)}m_{301}^{(11)} - m_{011}^{(21)}m_{012}^{(00)}m_{220}^{(20)} - 2m_{011}^{(21)}m_{012}^{(10)}m_{211}^{(20)} - 2m_{011}^{(21)}m_{012}^{(10)}m_{400}^{(21)}\\
&+2m_{011}^{(21)}m_{012}^{(10)}m_{211}^{(00)} + m_{011}^{(21)}m_{012}^{(11)}m_{400}^{(20)} - m_{011}^{(21)}m_{012}^{(11)}m_{301}^{(00)} - m_{011}^{(21)}m_{012}^{(20)}m_{400}^{(11)}\\
&+m_{011}^{(21)}m_{012}^{(20)}m_{220}^{(00)} + 2m_{011}^{(21)}m_{012}^{(21)}m_{400}^{(10)} - 2m_{011}^{(21)}m_{012}^{(21)}m_{310}^{(00)} - m_{011}^{(21)}m_{003}^{(00)}m_{310}^{(11)}\\
&+m_{011}^{(21)}m_{003}^{(00)}m_{220}^{(10)} + m_{011}^{(21)}m_{003}^{(10)}m_{400}^{(11)} - m_{011}^{(21)}m_{003}^{(10)}m_{220}^{(00)} - m_{011}^{(21)}m_{003}^{(11)}m_{400}^{(10)}\\
&+m_{011}^{(21)}m_{003}^{(11)}m_{310}^{(00)} - m_{011}^{(22)}m_{300}^{(10)}m_{130}^{(22)} + m_{011}^{(22)}m_{300}^{(10)}m_{121}^{(21)} + m_{011}^{(22)}m_{300}^{(11)}m_{220}^{(22)}\\
&-m_{011}^{(22)}m_{300}^{(11)}m_{211}^{(21)} + m_{011}^{(22)}m_{300}^{(20)}m_{130}^{(21)} - m_{011}^{(22)}m_{300}^{(20)}m_{121}^{(11)} - m_{011}^{(22)}m_{300}^{(21)}m_{220}^{(21)}\\
&+m_{011}^{(22)}m_{300}^{(21)}m_{211}^{(11)} + m_{011}^{(22)}m_{210}^{(00)}m_{130}^{(22)} - m_{011}^{(22)}m_{210}^{(00)}m_{121}^{(21)} + m_{011}^{(22)}m_{210}^{(10)}m_{220}^{(22)}\\
&-m_{011}^{(22)}m_{210}^{(10)}m_{121}^{(20)} - 2m_{011}^{(22)}m_{210}^{(11)}m_{310}^{(22)} + m_{011}^{(22)}m_{210}^{(11)}m_{301}^{(21)} + m_{011}^{(22)}m_{210}^{(11)}m_{211}^{(20)}\\
&-2m_{011}^{(22)}m_{210}^{(20)}m_{220}^{(21)} + m_{011}^{(22)}m_{210}^{(20)}m_{211}^{(11)} - m_{011}^{(22)}m_{210}^{(20)}m_{130}^{(20)} + 2m_{011}^{(22)}m_{210}^{(20)}m_{121}^{(10)}\\
&+2m_{011}^{(22)}m_{210}^{(21)}m_{310}^{(21)} - m_{011}^{(22)}m_{210}^{(21)}m_{301}^{(11)} + m_{011}^{(22)}m_{210}^{(21)}m_{220}^{(20)} - 2m_{011}^{(22)}m_{210}^{(21)}m_{211}^{(10)}\\
&-m_{011}^{(22)}m_{201}^{(00)}m_{130}^{(21)} + m_{011}^{(22)}m_{201}^{(00)}m_{121}^{(11)} - m_{011}^{(22)}m_{201}^{(10)}m_{211}^{(11)} + 2m_{011}^{(22)}m_{201}^{(10)}m_{130}^{(20)}\\
&-m_{011}^{(22)}m_{201}^{(10)}m_{121}^{(10)} + m_{011}^{(22)}m_{201}^{(11)}m_{310}^{(21)} - 2m_{011}^{(22)}m_{201}^{(11)}m_{220}^{(20)} + m_{011}^{(22)}m_{201}^{(11)}m_{211}^{(10)}\\
&+m_{011}^{(22)}m_{201}^{(20)}m_{220}^{(11)} - m_{011}^{(22)}m_{201}^{(20)}m_{130}^{(10)} - m_{011}^{(22)}m_{201}^{(21)}m_{310}^{(11)} + m_{011}^{(22)}m_{201}^{(21)}m_{220}^{(10)}\\
&-2m_{011}^{(22)}m_{120}^{(00)}m_{220}^{(22)} + m_{011}^{(22)}m_{120}^{(00)}m_{211}^{(21)} + m_{011}^{(22)}m_{120}^{(00)}m_{121}^{(20)} + m_{011}^{(22)}m_{120}^{(10)}m_{310}^{(22)}
\end{aligned}
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\begin{aligned}
&-m_{011}^{(22)}m_{120}^{(10)}m_{301}^{(21)}+m_{011}^{(22)}m_{120}^{(11)}m_{400}^{(22)}-m_{011}^{(22)}m_{120}^{(11)}m_{301}^{(20)}+m_{011}^{(22)}m_{120}^{(20)}m_{310}^{(21)}\\
&+2m_{011}^{(22)}m_{120}^{(20)}m_{220}^{(20)}-2m_{011}^{(22)}m_{120}^{(20)}m_{211}^{(10)}-m_{011}^{(22)}m_{120}^{(20)}m_{121}^{(00)}-m_{011}^{(22)}m_{120}^{(21)}m_{400}^{(21)}\\
&-2m_{011}^{(22)}m_{120}^{(21)}m_{310}^{(20)}+2m_{011}^{(22)}m_{120}^{(21)}m_{301}^{(10)}+m_{011}^{(22)}m_{120}^{(21)}m_{211}^{(00)}+3m_{011}^{(22)}m_{111}^{(00)}m_{220}^{(21)}\\
&-m_{011}^{(22)}m_{111}^{(00)}m_{211}^{(11)}-m_{011}^{(22)}m_{111}^{(00)}m_{130}^{(20)}-m_{011}^{(22)}m_{111}^{(00)}m_{121}^{(10)}-2m_{011}^{(22)}m_{111}^{(10)}m_{310}^{(21)}\\
&+m_{011}^{(22)}m_{111}^{(10)}m_{301}^{(11)}-2m_{011}^{(22)}m_{111}^{(10)}m_{220}^{(20)}+2m_{011}^{(22)}m_{111}^{(10)}m_{211}^{(10)}+m_{011}^{(22)}m_{111}^{(10)}m_{121}^{(00)}\\
&-m_{011}^{(22)}m_{111}^{(11)}m_{400}^{(21)}+3m_{011}^{(22)}m_{111}^{(11)}m_{310}^{(20)}-m_{011}^{(22)}m_{111}^{(11)}m_{301}^{(10)}-m_{011}^{(22)}m_{111}^{(11)}m_{211}^{(00)}\\
&-m_{011}^{(22)}m_{111}^{(20)}m_{310}^{(11)}+m_{011}^{(22)}m_{111}^{(20)}m_{130}^{(00)}+m_{011}^{(22)}m_{111}^{(21)}m_{400}^{(11)}-m_{011}^{(22)}m_{111}^{(21)}m_{220}^{(00)}\\
&-m_{011}^{(22)}m_{102}^{(00)}m_{220}^{(11)}+m_{011}^{(22)}m_{102}^{(00)}m_{130}^{(10)}+m_{011}^{(22)}m_{102}^{(10)}m_{310}^{(11)}-m_{011}^{(22)}m_{102}^{(10)}m_{130}^{(00)}\\
&-m_{011}^{(22)}m_{102}^{(11)}m_{310}^{(10)}+m_{011}^{(22)}m_{102}^{(11)}m_{220}^{(00)}+m_{011}^{(22)}m_{030}^{(00)}m_{310}^{(22)}-m_{011}^{(22)}m_{030}^{(00)}m_{211}^{(20)}\\
&-m_{011}^{(22)}m_{030}^{(10)}m_{400}^{(22)}+m_{011}^{(22)}m_{030}^{(10)}m_{301}^{(20)}-m_{011}^{(22)}m_{030}^{(20)}m_{310}^{(20)}+m_{011}^{(22)}m_{030}^{(20)}m_{211}^{(00)}\\
&+m_{011}^{(22)}m_{030}^{(21)}m_{400}^{(20)}-m_{011}^{(22)}m_{030}^{(21)}m_{301}^{(00)}-2m_{011}^{(22)}m_{021}^{(00)}m_{310}^{(21)}+m_{011}^{(22)}m_{021}^{(00)}m_{220}^{(20)}\\
&+m_{011}^{(22)}m_{021}^{(00)}m_{211}^{(10)}+2m_{011}^{(22)}m_{021}^{(10)}m_{400}^{(21)}-m_{011}^{(22)}m_{021}^{(10)}m_{301}^{(10)}-m_{011}^{(22)}m_{021}^{(10)}m_{211}^{(00)}\\
&-m_{011}^{(22)}m_{021}^{(11)}m_{400}^{(20)}+m_{011}^{(22)}m_{021}^{(11)}m_{301}^{(00)}+m_{011}^{(22)}m_{021}^{(20)}m_{310}^{(10)}-m_{011}^{(22)}m_{021}^{(20)}m_{220}^{(00)}\\
&-m_{011}^{(22)}m_{021}^{(21)}m_{400}^{(10)}+m_{011}^{(22)}m_{021}^{(21)}m_{310}^{(00)}+m_{011}^{(22)}m_{012}^{(00)}m_{310}^{(11)}-m_{011}^{(22)}m_{012}^{(00)}m_{220}^{(10)}\\
&-m_{011}^{(22)}m_{012}^{(10)}m_{400}^{(11)}+m_{011}^{(22)}m_{012}^{(10)}m_{220}^{(00)}+m_{011}^{(22)}m_{012}^{(11)}m_{400}^{(10)}-m_{011}^{(22)}m_{012}^{(11)}m_{310}^{(00)}\\
&-m_{002}^{(00)}m_{210}^{(10)}m_{031}^{(22)}+m_{002}^{(00)}m_{210}^{(10)}m_{022}^{(21)}+m_{002}^{(00)}m_{210}^{(11)}m_{121}^{(22)}-m_{002}^{(00)}m_{210}^{(11)}m_{112}^{(21)}\\
&+m_{002}^{(00)}m_{210}^{(20)}m_{031}^{(21)}-m_{002}^{(00)}m_{210}^{(20)}m_{022}^{(11)}-m_{002}^{(00)}m_{210}^{(21)}m_{121}^{(21)}+m_{002}^{(00)}m_{210}^{(21)}m_{112}^{(11)}\\
&+m_{002}^{(00)}m_{201}^{(10)}m_{040}^{(22)}-m_{002}^{(00)}m_{201}^{(10)}m_{031}^{(21)}-m_{002}^{(00)}m_{201}^{(11)}m_{130}^{(22)}+m_{002}^{(00)}m_{201}^{(11)}m_{121}^{(21)}\\
&-m_{002}^{(00)}m_{201}^{(20)}m_{040}^{(21)}+m_{002}^{(00)}m_{201}^{(20)}m_{031}^{(11)}+m_{002}^{(00)}m_{201}^{(21)}m_{130}^{(21)}-m_{002}^{(00)}m_{201}^{(21)}m_{121}^{(11)}\\
&+m_{002}^{(00)}m_{120}^{(00)}m_{031}^{(22)}-m_{002}^{(00)}m_{120}^{(00)}m_{022}^{(21)}+m_{002}^{(00)}m_{120}^{(10)}m_{112}^{(21)}-m_{002}^{(00)}m_{120}^{(10)}m_{022}^{(20)}\\
&-m_{002}^{(00)}m_{120}^{(11)}m_{211}^{(22)}+m_{002}^{(00)}m_{120}^{(11)}m_{112}^{(20)}-m_{002}^{(00)}m_{120}^{(20)}m_{121}^{(21)}-m_{002}^{(00)}m_{120}^{(20)}m_{031}^{(20)}\\
&+2m_{002}^{(00)}m_{120}^{(20)}m_{022}^{(10)}+m_{002}^{(00)}m_{120}^{(21)}m_{211}^{(21)}+m_{002}^{(00)}m_{120}^{(21)}m_{121}^{(20)}-2m_{002}^{(00)}m_{120}^{(21)}m_{112}^{(10)}\\
&-m_{002}^{(00)}m_{111}^{(00)}m_{040}^{(22)}+m_{002}^{(00)}m_{111}^{(00)}m_{022}^{(11)}-m_{002}^{(00)}m_{111}^{(10)}m_{121}^{(21)}-m_{002}^{(00)}m_{111}^{(10)}m_{112}^{(11)}\\
&+3m_{002}^{(00)}m_{111}^{(10)}m_{031}^{(20)}-m_{002}^{(00)}m_{111}^{(10)}m_{022}^{(10)}+m_{002}^{(00)}m_{111}^{(11)}m_{220}^{(22)}+m_{002}^{(00)}m_{111}^{(11)}m_{211}^{(21)}\\
&-3m_{002}^{(00)}m_{111}^{(11)}m_{121}^{(20)}+m_{002}^{(00)}m_{111}^{(11)}m_{112}^{(10)}+m_{002}^{(00)}m_{111}^{(20)}m_{130}^{(21)}+m_{002}^{(00)}m_{111}^{(20)}m_{121}^{(11)}\\
&+m_{002}^{(00)}m_{111}^{(20)}m_{040}^{(20)}-3m_{002}^{(00)}m_{111}^{(20)}m_{031}^{(10)}-m_{002}^{(00)}m_{111}^{(21)}m_{220}^{(21)}-m_{002}^{(00)}m_{111}^{(21)}m_{211}^{(11)}\\
&-m_{002}^{(00)}m_{111}^{(21)}m_{130}^{(20)}+3m_{002}^{(00)}m_{111}^{(21)}m_{121}^{(10)}+m_{002}^{(00)}m_{102}^{(00)}m_{040}^{(21)}-m_{002}^{(00)}m_{102}^{(00)}m_{031}^{(11)}\\
&+m_{002}^{(00)}m_{102}^{(10)}m_{121}^{(11)}-2m_{002}^{(00)}m_{102}^{(10)}m_{040}^{(20)}+m_{002}^{(00)}m_{102}^{(10)}m_{031}^{(10)}-m_{002}^{(00)}m_{102}^{(11)}m_{220}^{(21)}\\
&+2m_{002}^{(00)}m_{102}^{(11)}m_{130}^{(20)}-m_{002}^{(00)}m_{102}^{(11)}m_{121}^{(10)}-m_{002}^{(00)}m_{102}^{(20)}m_{130}^{(11)}+m_{002}^{(00)}m_{102}^{(20)}m_{040}^{(10)}\\
&+m_{002}^{(00)}m_{102}^{(21)}m_{220}^{(11)}-m_{002}^{(00)}m_{102}^{(21)}m_{130}^{(10)}-m_{002}^{(00)}m_{030}^{(00)}m_{121}^{(22)}+m_{002}^{(00)}m_{030}^{(00)}m_{022}^{(20)}\\
&+m_{002}^{(00)}m_{030}^{(10)}m_{211}^{(22)}-m_{002}^{(00)}m_{030}^{(10)}m_{112}^{(20)}+m_{002}^{(00)}m_{030}^{(20)}m_{121}^{(20)}-m_{002}^{(00)}m_{030}^{(20)}m_{022}^{(00)}\\
&-m_{002}^{(00)}m_{030}^{(21)}m_{211}^{(20)}+m_{002}^{(00)}m_{030}^{(21)}m_{112}^{(00)}+m_{002}^{(00)}m_{021}^{(00)}m_{130}^{(22)}+2m_{002}^{(00)}m_{021}^{(00)}m_{121}^{(21)}\\
&-2m_{002}^{(00)}m_{021}^{(00)}m_{031}^{(20)}-m_{002}^{(00)}m_{021}^{(00)}m_{022}^{(10)}-m_{002}^{(00)}m_{021}^{(10)}m_{220}^{(22)}-2m_{002}^{(00)}m_{021}^{(10)}m_{211}^{(21)}\\
&+m_{002}^{(00)}m_{021}^{(10)}m_{121}^{(20)}+m_{002}^{(00)}m_{021}^{(10)}m_{112}^{(10)}+m_{002}^{(00)}m_{021}^{(10)}m_{022}^{(00)}+m_{002}^{(00)}m_{021}^{(11)}m_{211}^{(20)}\\
&-m_{002}^{(00)}m_{021}^{(11)}m_{112}^{(00)}-m_{002}^{(00)}m_{021}^{(20)}m_{130}^{(20)}-m_{002}^{(00)}m_{021}^{(20)}m_{121}^{(10)}+2m_{002}^{(00)}m_{021}^{(20)}m_{031}^{(00)}\\
&+m_{002}^{(00)}m_{021}^{(21)}m_{220}^{(20)}+m_{002}^{(00)}m_{021}^{(21)}m_{211}^{(10)}-2m_{002}^{(00)}m_{021}^{(21)}m_{121}^{(00)}-2m_{002}^{(00)}m_{012}^{(00)}m_{130}^{(21)}\\
&-m_{002}^{(00)}m_{012}^{(00)}m_{121}^{(11)}+m_{002}^{(00)}m_{012}^{(00)}m_{040}^{(20)}+2m_{002}^{(00)}m_{012}^{(00)}m_{031}^{(10)}+2m_{002}^{(00)}m_{012}^{(10)}m_{220}^{(21)}\\
&+m_{002}^{(00)}m_{012}^{(10)}m_{211}^{(11)}-m_{002}^{(00)}m_{012}^{(10)}m_{121}^{(10)}-2m_{002}^{(00)}m_{012}^{(10)}m_{031}^{(00)}-m_{002}^{(00)}m_{012}^{(11)}m_{220}^{(20)}
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\begin{aligned}
&-m_{002}^{(00)} m_{012}^{(11)} m_{211}^{(10)} + 2m_{002}^{(00)} m_{012}^{(11)} m_{121}^{(00)} + m_{002}^{(00)} m_{012}^{(20)} m_{130}^{(10)} - m_{002}^{(00)} m_{012}^{(20)} m_{040}^{(00)} \\
&-m_{002}^{(00)} m_{012}^{(21)} m_{220}^{(10)} + m_{002}^{(00)} m_{012}^{(21)} m_{130}^{(00)} + m_{002}^{(00)} m_{003}^{(00)} m_{130}^{(11)} - m_{002}^{(00)} m_{003}^{(00)} m_{040}^{(10)} \\
&-m_{002}^{(00)} m_{003}^{(10)} m_{220}^{(11)} + m_{002}^{(00)} m_{003}^{(10)} m_{040}^{(00)} + m_{002}^{(00)} m_{003}^{(11)} m_{220}^{(10)} - m_{002}^{(00)} m_{003}^{(11)} m_{130}^{(00)} \\
&+m_{002}^{(10)} m_{300}^{(10)} m_{031}^{(22)} - m_{002}^{(10)} m_{300}^{(10)} m_{022}^{(21)} - m_{002}^{(10)} m_{300}^{(11)} m_{121}^{(22)} + m_{002}^{(10)} m_{300}^{(11)} m_{112}^{(21)} \\
&-m_{002}^{(10)} m_{300}^{(20)} m_{031}^{(21)} + m_{002}^{(10)} m_{300}^{(20)} m_{022}^{(11)} + m_{002}^{(10)} m_{300}^{(21)} m_{121}^{(21)} - m_{002}^{(10)} m_{300}^{(21)} m_{112}^{(11)} \\
&-m_{002}^{(10)} m_{210}^{(00)} m_{031}^{(22)} + m_{002}^{(10)} m_{210}^{(00)} m_{022}^{(21)} + m_{002}^{(10)} m_{210}^{(10)} m_{121}^{(22)} - 2m_{002}^{(10)} m_{210}^{(10)} m_{112}^{(21)} \\
&+m_{002}^{(10)} m_{210}^{(10)} m_{022}^{(20)} + m_{002}^{(10)} m_{210}^{(11)} m_{202}^{(21)} - m_{002}^{(10)} m_{210}^{(11)} m_{112}^{(20)} + m_{002}^{(10)} m_{210}^{(20)} m_{112}^{(11)} \\
&+m_{002}^{(10)} m_{210}^{(20)} m_{031}^{(20)} - 2m_{002}^{(10)} m_{210}^{(20)} m_{022}^{(10)} - m_{002}^{(10)} m_{210}^{(21)} m_{202}^{(11)} - m_{002}^{(10)} m_{210}^{(21)} m_{121}^{(20)} \\
&+2m_{002}^{(10)} m_{210}^{(21)} m_{112}^{(10)} + m_{002}^{(10)} m_{201}^{(00)} m_{031}^{(21)} - m_{002}^{(10)} m_{201}^{(00)} m_{022}^{(11)} - 2m_{002}^{(10)} m_{201}^{(10)} m_{130}^{(22)} \\
&+2m_{002}^{(10)} m_{201}^{(10)} m_{121}^{(21)} + m_{002}^{(10)} m_{201}^{(10)} m_{112}^{(11)} - 2m_{002}^{(10)} m_{201}^{(10)} m_{031}^{(20)} + m_{002}^{(10)} m_{201}^{(10)} m_{022}^{(10)} \\
&+2m_{002}^{(10)} m_{201}^{(11)} m_{220}^{(22)} - 3m_{002}^{(10)} m_{201}^{(11)} m_{211}^{(21)} + 2m_{002}^{(10)} m_{201}^{(11)} m_{121}^{(20)} - m_{002}^{(10)} m_{201}^{(11)} m_{112}^{(10)} \\
&+2m_{002}^{(10)} m_{201}^{(20)} m_{130}^{(21)} - 3m_{002}^{(10)} m_{201}^{(20)} m_{121}^{(11)} + m_{002}^{(10)} m_{201}^{(20)} m_{031}^{(10)} - 2m_{002}^{(10)} m_{201}^{(21)} m_{220}^{(21)} \\
&+3m_{002}^{(10)} m_{201}^{(21)} m_{211}^{(11)} - m_{002}^{(10)} m_{201}^{(21)} m_{121}^{(10)} + m_{002}^{(10)} m_{120}^{(00)} m_{112}^{(21)} - m_{002}^{(10)} m_{120}^{(00)} m_{022}^{(20)} \\
&-m_{002}^{(10)} m_{120}^{(10)} m_{211}^{(22)} - m_{002}^{(10)} m_{120}^{(10)} m_{202}^{(21)} + 2m_{002}^{(10)} m_{120}^{(10)} m_{112}^{(20)} + m_{002}^{(10)} m_{120}^{(11)} m_{301}^{(22)} \\
&-m_{002}^{(10)} m_{120}^{(11)} m_{202}^{(20)} + m_{002}^{(10)} m_{120}^{(20)} m_{211}^{(21)} - 2m_{002}^{(10)} m_{120}^{(20)} m_{112}^{(10)} + m_{002}^{(10)} m_{120}^{(20)} m_{022}^{(00)} \\
&-m_{002}^{(10)} m_{120}^{(21)} m_{301}^{(21)} + 2m_{002}^{(10)} m_{120}^{(21)} m_{202}^{(10)} - m_{002}^{(10)} m_{120}^{(21)} m_{112}^{(00)} + 2m_{002}^{(10)} m_{111}^{(00)} m_{130}^{(22)} \\
&-3m_{002}^{(10)} m_{111}^{(00)} m_{121}^{(21)} - m_{002}^{(10)} m_{111}^{(00)} m_{112}^{(11)} + m_{002}^{(10)} m_{111}^{(00)} m_{031}^{(20)} + m_{002}^{(10)} m_{111}^{(00)} m_{022}^{(10)} \\
&+4m_{002}^{(10)} m_{111}^{(10)} m_{211}^{(21)} + m_{002}^{(10)} m_{111}^{(10)} m_{202}^{(11)} - 4m_{002}^{(10)} m_{111}^{(10)} m_{121}^{(20)} - m_{002}^{(10)} m_{111}^{(10)} m_{022}^{(00)} \\
&-2m_{002}^{(10)} m_{111}^{(11)} m_{310}^{(22)} - m_{002}^{(10)} m_{111}^{(11)} m_{301}^{(21)} + 3m_{002}^{(10)} m_{111}^{(11)} m_{211}^{(20)} - m_{002}^{(10)} m_{111}^{(11)} m_{202}^{(10)} \\
&+m_{002}^{(10)} m_{111}^{(11)} m_{112}^{(00)} - 2m_{002}^{(10)} m_{111}^{(20)} m_{220}^{(21)} - m_{002}^{(10)} m_{111}^{(20)} m_{211}^{(11)} - 2m_{002}^{(10)} m_{111}^{(20)} m_{130}^{(20)} \\
&+6m_{002}^{(10)} m_{111}^{(20)} m_{121}^{(10)} - m_{002}^{(10)} m_{111}^{(20)} m_{031}^{(00)} + 2m_{002}^{(10)} m_{111}^{(21)} m_{310}^{(21)} + m_{002}^{(10)} m_{111}^{(21)} m_{301}^{(11)} \\
&+2m_{002}^{(10)} m_{111}^{(21)} m_{220}^{(20)} - 6m_{002}^{(10)} m_{111}^{(21)} m_{211}^{(10)} + m_{002}^{(10)} m_{111}^{(21)} m_{121}^{(00)} - 2m_{002}^{(10)} m_{102}^{(00)} m_{130}^{(21)} \\
&+3m_{002}^{(10)} m_{102}^{(00)} m_{121}^{(11)} - m_{002}^{(10)} m_{102}^{(00)} m_{031}^{(10)} - 3m_{002}^{(10)} m_{102}^{(10)} m_{211}^{(11)} + 4m_{002}^{(10)} m_{102}^{(10)} m_{130}^{(20)} \\
&-2m_{002}^{(10)} m_{102}^{(10)} m_{121}^{(10)} + m_{002}^{(10)} m_{102}^{(10)} m_{031}^{(00)} + 2m_{002}^{(10)} m_{102}^{(11)} m_{310}^{(21)} - 4m_{002}^{(10)} m_{102}^{(11)} m_{220}^{(20)} \\
&+3m_{002}^{(10)} m_{102}^{(11)} m_{211}^{(10)} - m_{002}^{(10)} m_{102}^{(11)} m_{121}^{(00)} + 2m_{002}^{(10)} m_{102}^{(20)} m_{220}^{(11)} - 2m_{002}^{(10)} m_{102}^{(20)} m_{130}^{(10)} \\
&-2m_{002}^{(10)} m_{102}^{(21)} m_{310}^{(11)} + 2m_{002}^{(10)} m_{102}^{(21)} m_{220}^{(10)} + m_{002}^{(10)} m_{030}^{(00)} m_{211}^{(22)} - m_{002}^{(10)} m_{030}^{(00)} m_{112}^{(20)} \\
&-m_{002}^{(10)} m_{030}^{(10)} m_{301}^{(22)} + m_{002}^{(10)} m_{030}^{(10)} m_{202}^{(20)} - m_{002}^{(10)} m_{030}^{(20)} m_{211}^{(20)} + m_{002}^{(10)} m_{030}^{(20)} m_{112}^{(00)} \\
&+m_{002}^{(10)} m_{030}^{(21)} m_{301}^{(20)} - m_{002}^{(10)} m_{030}^{(21)} m_{202}^{(00)} - 2m_{002}^{(10)} m_{021}^{(00)} m_{220}^{(22)} - 2m_{002}^{(10)} m_{021}^{(00)} m_{211}^{(21)} \\
&+3m_{002}^{(10)} m_{021}^{(00)} m_{121}^{(20)} + m_{002}^{(10)} m_{021}^{(00)} m_{112}^{(10)} + 2m_{002}^{(10)} m_{021}^{(10)} m_{310}^{(22)} + 2m_{002}^{(10)} m_{021}^{(10)} m_{301}^{(21)} \\
&-2m_{002}^{(10)} m_{021}^{(10)} m_{211}^{(20)} - m_{002}^{(10)} m_{021}^{(10)} m_{202}^{(10)} - m_{002}^{(10)} m_{021}^{(10)} m_{112}^{(00)} - m_{002}^{(10)} m_{021}^{(11)} m_{301}^{(20)} \\
&+m_{002}^{(10)} m_{021}^{(11)} m_{202}^{(00)} + 2m_{002}^{(10)} m_{021}^{(20)} m_{220}^{(20)} + m_{002}^{(10)} m_{021}^{(20)} m_{211}^{(10)} - 3m_{002}^{(10)} m_{021}^{(20)} m_{121}^{(00)} \\
&-2m_{002}^{(10)} m_{021}^{(21)} m_{310}^{(20)} - m_{002}^{(10)} m_{021}^{(21)} m_{301}^{(10)} + 3m_{002}^{(10)} m_{021}^{(21)} m_{211}^{(00)} + 4m_{002}^{(10)} m_{012}^{(00)} m_{220}^{(21)} \\
&+m_{002}^{(10)} m_{012}^{(00)} m_{211}^{(11)} - 2m_{002}^{(10)} m_{012}^{(00)} m_{130}^{(20)} - 3m_{002}^{(10)} m_{012}^{(00)} m_{121}^{(10)} - 4m_{002}^{(10)} m_{012}^{(10)} m_{310}^{(21)} \\
&-m_{002}^{(10)} m_{012}^{(10)} m_{301}^{(11)} + 2m_{002}^{(10)} m_{012}^{(10)} m_{211}^{(10)} + 3m_{002}^{(10)} m_{012}^{(10)} m_{121}^{(00)} + 2m_{002}^{(10)} m_{012}^{(11)} m_{310}^{(20)} \\
&+m_{002}^{(10)} m_{012}^{(11)} m_{301}^{(10)} - 3m_{002}^{(10)} m_{012}^{(11)} m_{211}^{(00)} - 2m_{002}^{(10)} m_{012}^{(20)} m_{220}^{(10)} + 2m_{002}^{(10)} m_{012}^{(20)} m_{130}^{(00)} \\
&+2m_{002}^{(10)} m_{012}^{(21)} m_{310}^{(10)} - 2m_{002}^{(10)} m_{012}^{(21)} m_{220}^{(00)} - 2m_{002}^{(10)} m_{003}^{(00)} m_{220}^{(11)} + 2m_{002}^{(10)} m_{003}^{(00)} m_{130}^{(10)} \\
&+2m_{002}^{(10)} m_{003}^{(10)} m_{310}^{(11)} - 2m_{002}^{(10)} m_{003}^{(10)} m_{130}^{(00)} - 2m_{002}^{(10)} m_{003}^{(11)} m_{310}^{(10)} + 2m_{002}^{(10)} m_{003}^{(11)} m_{220}^{(00)} \\
&-m_{002}^{(11)} m_{300}^{(10)} m_{121}^{(22)} + m_{002}^{(11)} m_{300}^{(10)} m_{112}^{(21)} + m_{002}^{(11)} m_{300}^{(11)} m_{211}^{(22)} - m_{002}^{(11)} m_{300}^{(11)} m_{202}^{(21)}
\end{aligned}
$$

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\begin{aligned}
&+m_{002}^{(11)}m_{300}^{(20)}m_{121}^{(21)} - m_{002}^{(11)}m_{300}^{(20)}m_{112}^{(11)} - m_{002}^{(11)}m_{300}^{(21)}m_{211}^{(21)} + m_{002}^{(11)}m_{300}^{(21)}m_{202}^{(11)}\\
&+m_{002}^{(11)}m_{210}^{(00)}m_{121}^{(22)} - m_{002}^{(11)}m_{210}^{(00)}m_{112}^{(21)} + m_{002}^{(11)}m_{210}^{(10)}m_{202}^{(21)} - m_{002}^{(11)}m_{210}^{(10)}m_{112}^{(20)}\\
&-m_{002}^{(11)}m_{210}^{(11)}m_{301}^{(22)} + m_{002}^{(11)}m_{210}^{(11)}m_{202}^{(20)} - m_{002}^{(11)}m_{210}^{(20)}m_{211}^{(21)} - m_{002}^{(11)}m_{210}^{(20)}m_{121}^{(20)}\\
&+2m_{002}^{(11)}m_{210}^{(20)}m_{112}^{(10)} + m_{002}^{(11)}m_{210}^{(21)}m_{301}^{(21)} + m_{002}^{(11)}m_{210}^{(21)}m_{211}^{(20)} - 2m_{002}^{(11)}m_{210}^{(21)}m_{202}^{(10)}\\
&-m_{002}^{(11)}m_{201}^{(00)}m_{121}^{(21)} + m_{002}^{(11)}m_{201}^{(00)}m_{112}^{(11)} + m_{002}^{(11)}m_{201}^{(10)}m_{220}^{(22)} - m_{002}^{(11)}m_{201}^{(10)}m_{211}^{(21)}\\
&-m_{002}^{(11)}m_{201}^{(10)}m_{202}^{(11)} + 2m_{002}^{(11)}m_{201}^{(10)}m_{121}^{(20)} - m_{002}^{(11)}m_{201}^{(10)}m_{112}^{(10)} - m_{002}^{(11)}m_{201}^{(11)}m_{310}^{(22)}\\
&+2m_{002}^{(11)}m_{201}^{(11)}m_{301}^{(21)} - 2m_{002}^{(11)}m_{201}^{(11)}m_{211}^{(20)} + m_{002}^{(11)}m_{201}^{(11)}m_{202}^{(10)} - m_{002}^{(11)}m_{201}^{(20)}m_{220}^{(21)}\\
&+2m_{002}^{(11)}m_{201}^{(20)}m_{211}^{(11)} - m_{002}^{(11)}m_{201}^{(20)}m_{121}^{(10)} + m_{002}^{(11)}m_{201}^{(21)}m_{310}^{(21)} - 2m_{002}^{(11)}m_{201}^{(21)}m_{301}^{(11)}\\
&+m_{002}^{(11)}m_{201}^{(21)}m_{211}^{(10)} - m_{002}^{(11)}m_{120}^{(00)}m_{211}^{(22)} + m_{002}^{(11)}m_{120}^{(00)}m_{112}^{(20)} + m_{002}^{(11)}m_{120}^{(10)}m_{301}^{(22)}\\
&-m_{002}^{(11)}m_{120}^{(10)}m_{202}^{(20)} + m_{002}^{(11)}m_{120}^{(20)}m_{211}^{(20)} - m_{002}^{(11)}m_{120}^{(20)}m_{112}^{(00)} - m_{002}^{(11)}m_{120}^{(21)}m_{301}^{(20)}\\
&+m_{002}^{(11)}m_{120}^{(21)}m_{202}^{(00)} - m_{002}^{(11)}m_{111}^{(00)}m_{220}^{(22)} + 3m_{002}^{(11)}m_{111}^{(00)}m_{211}^{(21)} - m_{002}^{(11)}m_{111}^{(00)}m_{121}^{(20)}\\
&-m_{002}^{(11)}m_{111}^{(00)}m_{112}^{(10)} - 3m_{002}^{(11)}m_{111}^{(10)}m_{301}^{(21)} + m_{002}^{(11)}m_{111}^{(10)}m_{211}^{(20)} + m_{002}^{(11)}m_{111}^{(10)}m_{202}^{(10)}\\
&+m_{002}^{(11)}m_{111}^{(10)}m_{112}^{(00)} + m_{002}^{(11)}m_{111}^{(11)}m_{400}^{(22)} - m_{002}^{(11)}m_{111}^{(11)}m_{202}^{(00)} + m_{002}^{(11)}m_{111}^{(20)}m_{310}^{(21)}\\
&+m_{002}^{(11)}m_{111}^{(20)}m_{220}^{(20)} - 3m_{002}^{(11)}m_{111}^{(20)}m_{211}^{(10)} + m_{002}^{(11)}m_{111}^{(20)}m_{121}^{(00)} - m_{002}^{(11)}m_{111}^{(21)}m_{400}^{(21)}\\
&-m_{002}^{(11)}m_{111}^{(21)}m_{310}^{(20)} + 3m_{002}^{(11)}m_{111}^{(21)}m_{301}^{(10)} - m_{002}^{(11)}m_{111}^{(21)}m_{211}^{(00)} + m_{002}^{(11)}m_{102}^{(00)}m_{220}^{(21)}\\
&-2m_{002}^{(11)}m_{102}^{(00)}m_{211}^{(11)} + m_{002}^{(11)}m_{102}^{(00)}m_{121}^{(10)} + 2m_{002}^{(11)}m_{102}^{(10)}m_{301}^{(11)} - 2m_{002}^{(11)}m_{102}^{(10)}m_{220}^{(20)}\\
&+m_{002}^{(11)}m_{102}^{(10)}m_{211}^{(10)} - m_{002}^{(11)}m_{102}^{(10)}m_{121}^{(00)} - m_{002}^{(11)}m_{102}^{(11)}m_{400}^{(21)} + 2m_{002}^{(11)}m_{102}^{(11)}m_{310}^{(20)}\\
&-2m_{002}^{(11)}m_{102}^{(11)}m_{301}^{(10)} + m_{002}^{(11)}m_{102}^{(11)}m_{211}^{(00)} - m_{002}^{(11)}m_{102}^{(20)}m_{310}^{(11)} + m_{002}^{(11)}m_{102}^{(20)}m_{220}^{(10)}\\
&+m_{002}^{(11)}m_{102}^{(21)}m_{400}^{(11)} - m_{002}^{(11)}m_{102}^{(21)}m_{310}^{(10)} + m_{002}^{(11)}m_{021}^{(00)}m_{310}^{(22)} - m_{002}^{(11)}m_{021}^{(00)}m_{211}^{(20)}\\
&-m_{002}^{(11)}m_{021}^{(10)}m_{400}^{(22)} + m_{002}^{(11)}m_{021}^{(10)}m_{301}^{(20)} - m_{002}^{(11)}m_{021}^{(20)}m_{310}^{(20)} + m_{002}^{(11)}m_{021}^{(20)}m_{211}^{(00)}\\
&+m_{002}^{(11)}m_{021}^{(21)}m_{400}^{(20)} - m_{002}^{(11)}m_{021}^{(21)}m_{301}^{(00)} - 2m_{002}^{(11)}m_{012}^{(00)}m_{310}^{(21)} + m_{002}^{(11)}m_{012}^{(00)}m_{220}^{(20)}\\
&+m_{002}^{(11)}m_{012}^{(00)}m_{211}^{(10)} + 2m_{002}^{(11)}m_{012}^{(10)}m_{400}^{(21)} - m_{002}^{(11)}m_{012}^{(10)}m_{301}^{(10)} - m_{002}^{(11)}m_{012}^{(10)}m_{211}^{(00)}\\
&-m_{002}^{(11)}m_{012}^{(11)}m_{400}^{(20)} + m_{002}^{(11)}m_{012}^{(11)}m_{301}^{(00)} + m_{002}^{(11)}m_{012}^{(20)}m_{310}^{(10)} - m_{002}^{(11)}m_{012}^{(20)}m_{220}^{(00)}\\
&-m_{002}^{(11)}m_{012}^{(21)}m_{400}^{(10)} + m_{002}^{(11)}m_{012}^{(21)}m_{310}^{(00)} + m_{002}^{(11)}m_{003}^{(00)}m_{310}^{(11)} - m_{002}^{(11)}m_{003}^{(00)}m_{220}^{(10)}\\
&-m_{002}^{(11)}m_{003}^{(10)}m_{400}^{(11)} + m_{002}^{(11)}m_{003}^{(10)}m_{220}^{(00)} + m_{002}^{(11)}m_{003}^{(11)}m_{400}^{(10)} - m_{002}^{(11)}m_{003}^{(11)}m_{310}^{(00)}\\
&-m_{002}^{(20)}m_{300}^{(10)}m_{040}^{(22)} + m_{002}^{(20)}m_{300}^{(10)}m_{031}^{(21)} + m_{002}^{(20)}m_{300}^{(11)}m_{130}^{(22)} - m_{002}^{(20)}m_{300}^{(11)}m_{121}^{(21)}\\
&+m_{002}^{(20)}m_{300}^{(20)}m_{040}^{(21)} - m_{002}^{(20)}m_{300}^{(20)}m_{031}^{(11)} - m_{002}^{(20)}m_{300}^{(21)}m_{130}^{(21)} + m_{002}^{(20)}m_{300}^{(21)}m_{121}^{(11)}\\
&+m_{002}^{(20)}m_{210}^{(00)}m_{040}^{(22)} - m_{002}^{(20)}m_{210}^{(00)}m_{031}^{(21)} + m_{002}^{(20)}m_{210}^{(10)}m_{130}^{(22)} - m_{002}^{(20)}m_{210}^{(10)}m_{031}^{(20)}\\
&-2m_{002}^{(20)}m_{210}^{(11)}m_{220}^{(22)} + m_{002}^{(20)}m_{210}^{(11)}m_{211}^{(21)} + m_{002}^{(20)}m_{210}^{(11)}m_{121}^{(20)} - 2m_{002}^{(20)}m_{210}^{(20)}m_{130}^{(21)}\\
&+m_{002}^{(20)}m_{210}^{(20)}m_{121}^{(11)} - m_{002}^{(20)}m_{210}^{(20)}m_{040}^{(20)} + 2m_{002}^{(20)}m_{210}^{(20)}m_{031}^{(10)} + 2m_{002}^{(20)}m_{210}^{(21)}m_{220}^{(21)}\\
&-m_{002}^{(20)}m_{210}^{(21)}m_{211}^{(11)} + m_{002}^{(20)}m_{210}^{(21)}m_{130}^{(20)} - 2m_{002}^{(20)}m_{210}^{(21)}m_{121}^{(10)} - m_{002}^{(20)}m_{201}^{(00)}m_{040}^{(21)}\\
&+m_{002}^{(20)}m_{201}^{(00)}m_{031}^{(11)} - m_{002}^{(20)}m_{201}^{(10)}m_{121}^{(11)} + 2m_{002}^{(20)}m_{201}^{(10)}m_{040}^{(20)} - m_{002}^{(20)}m_{201}^{(10)}m_{031}^{(10)}\\
&+m_{002}^{(20)}m_{201}^{(11)}m_{220}^{(21)} - 2m_{002}^{(20)}m_{201}^{(11)}m_{130}^{(20)} + m_{002}^{(20)}m_{201}^{(11)}m_{121}^{(10)} + m_{002}^{(20)}m_{201}^{(20)}m_{130}^{(11)}\\
&-m_{002}^{(20)}m_{201}^{(20)}m_{040}^{(10)} - m_{002}^{(20)}m_{201}^{(21)}m_{220}^{(11)} + m_{002}^{(20)}m_{201}^{(21)}m_{130}^{(10)} - 2m_{002}^{(20)}m_{120}^{(00)}m_{130}^{(22)}\\
&+m_{002}^{(20)}m_{120}^{(00)}m_{121}^{(21)} + m_{002}^{(20)}m_{120}^{(00)}m_{031}^{(20)} + m_{002}^{(20)}m_{120}^{(10)}m_{220}^{(22)} - m_{002}^{(20)}m_{120}^{(10)}m_{211}^{(21)}\\
&+m_{002}^{(20)}m_{120}^{(11)}m_{310}^{(22)} - m_{002}^{(20)}m_{120}^{(11)}m_{211}^{(20)} + m_{002}^{(20)}m_{120}^{(20)}m_{220}^{(21)} + 2m_{002}^{(20)}m_{120}^{(20)}m_{130}^{(20)}\\
&-2m_{002}^{(20)}m_{120}^{(20)}m_{121}^{(10)} - m_{002}^{(20)}m_{120}^{(20)}m_{031}^{(00)} - m_{002}^{(20)}m_{120}^{(21)}m_{310}^{(21)} - 2m_{002}^{(20)}m_{120}^{(21)}m_{220}^{(20)}\\
&+2m_{002}^{(20)}m_{120}^{(21)}m_{211}^{(10)} + m_{002}^{(20)}m_{120}^{(21)}m_{121}^{(00)} + 3m_{002}^{(20)}m_{111}^{(00)}m_{130}^{(21)} - m_{002}^{(20)}m_{111}^{(00)}m_{121}^{(11)}
\end{aligned}
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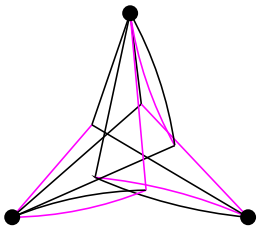
\begin{aligned}
&-m_{002}^{(20)}m_{111}^{(00)}m_{040}^{(20)} - m_{002}^{(20)}m_{111}^{(00)}m_{031}^{(10)} - 2m_{002}^{(20)}m_{111}^{(10)}m_{220}^{(21)} + m_{002}^{(20)}m_{111}^{(10)}m_{211}^{(11)}\\
&-2m_{002}^{(20)}m_{111}^{(10)}m_{130}^{(20)} + 2m_{002}^{(20)}m_{111}^{(10)}m_{121}^{(10)} + m_{002}^{(20)}m_{111}^{(10)}m_{031}^{(00)} - m_{002}^{(20)}m_{111}^{(11)}m_{310}^{(21)}\\
&+3m_{002}^{(20)}m_{111}^{(11)}m_{220}^{(20)} - m_{002}^{(20)}m_{111}^{(11)}m_{211}^{(10)} - m_{002}^{(20)}m_{111}^{(11)}m_{121}^{(00)} - m_{002}^{(20)}m_{111}^{(20)}m_{220}^{(11)}\\
&+m_{002}^{(20)}m_{111}^{(20)}m_{040}^{(00)} + m_{002}^{(20)}m_{111}^{(21)}m_{310}^{(11)} - m_{002}^{(20)}m_{111}^{(21)}m_{130}^{(00)} - m_{002}^{(20)}m_{102}^{(00)}m_{130}^{(11)}\\
&+m_{002}^{(20)}m_{102}^{(00)}m_{040}^{(10)} + m_{002}^{(20)}m_{102}^{(10)}m_{220}^{(11)} - m_{002}^{(20)}m_{102}^{(10)}m_{040}^{(00)} - m_{002}^{(20)}m_{102}^{(11)}m_{220}^{(10)}\\
&+m_{002}^{(20)}m_{102}^{(11)}m_{130}^{(00)} + m_{002}^{(20)}m_{030}^{(00)}m_{220}^{(22)} - m_{002}^{(20)}m_{030}^{(00)}m_{121}^{(20)} - m_{002}^{(20)}m_{030}^{(10)}m_{310}^{(22)}\\
&+m_{002}^{(20)}m_{030}^{(10)}m_{211}^{(20)} - m_{002}^{(20)}m_{030}^{(20)}m_{220}^{(20)} + m_{002}^{(20)}m_{030}^{(20)}m_{121}^{(00)} + m_{002}^{(20)}m_{030}^{(21)}m_{310}^{(20)}\\
&-m_{002}^{(20)}m_{030}^{(21)}m_{211}^{(00)} - 2m_{002}^{(20)}m_{021}^{(00)}m_{220}^{(21)} + m_{002}^{(20)}m_{021}^{(00)}m_{130}^{(20)} + m_{002}^{(20)}m_{021}^{(00)}m_{121}^{(10)}\\
&+2m_{002}^{(20)}m_{021}^{(10)}m_{310}^{(21)} - m_{002}^{(20)}m_{021}^{(10)}m_{211}^{(10)} - m_{002}^{(20)}m_{021}^{(10)}m_{121}^{(00)} - m_{002}^{(20)}m_{021}^{(11)}m_{310}^{(20)}\\
&+m_{002}^{(20)}m_{021}^{(11)}m_{211}^{(00)} + m_{002}^{(20)}m_{021}^{(20)}m_{220}^{(10)} - m_{002}^{(20)}m_{021}^{(20)}m_{130}^{(00)} - m_{002}^{(20)}m_{021}^{(21)}m_{310}^{(10)}\\
&+m_{002}^{(20)}m_{021}^{(21)}m_{220}^{(00)} + m_{002}^{(20)}m_{012}^{(00)}m_{220}^{(11)} - m_{002}^{(20)}m_{012}^{(00)}m_{130}^{(10)} - m_{002}^{(20)}m_{012}^{(10)}m_{310}^{(11)}\\
&+m_{002}^{(20)}m_{012}^{(10)}m_{130}^{(00)} + m_{002}^{(20)}m_{012}^{(11)}m_{310}^{(10)} - m_{002}^{(20)}m_{012}^{(11)}m_{220}^{(00)} + m_{002}^{(21)}m_{300}^{(10)}m_{130}^{(22)}\\
&-m_{002}^{(21)}m_{300}^{(10)}m_{121}^{(21)} - m_{002}^{(21)}m_{300}^{(11)}m_{220}^{(22)} + m_{002}^{(21)}m_{300}^{(11)}m_{211}^{(21)} - m_{002}^{(21)}m_{300}^{(20)}m_{130}^{(21)}\\
&+m_{002}^{(21)}m_{300}^{(20)}m_{121}^{(11)} + m_{002}^{(21)}m_{300}^{(21)}m_{220}^{(21)} - m_{002}^{(21)}m_{300}^{(21)}m_{211}^{(11)} - m_{002}^{(21)}m_{210}^{(00)}m_{130}^{(22)}\\
&+m_{002}^{(21)}m_{210}^{(00)}m_{121}^{(21)} - m_{002}^{(21)}m_{210}^{(10)}m_{220}^{(22)} + m_{002}^{(21)}m_{210}^{(10)}m_{121}^{(20)} + 2m_{002}^{(21)}m_{210}^{(11)}m_{310}^{(22)}\\
&-m_{002}^{(21)}m_{210}^{(11)}m_{301}^{(21)} - m_{002}^{(21)}m_{210}^{(11)}m_{211}^{(20)} + 2m_{002}^{(21)}m_{210}^{(20)}m_{220}^{(21)} - m_{002}^{(21)}m_{210}^{(20)}m_{211}^{(11)}\\
&+m_{002}^{(21)}m_{210}^{(20)}m_{130}^{(20)} - 2m_{002}^{(21)}m_{210}^{(20)}m_{121}^{(10)} - 2m_{002}^{(21)}m_{210}^{(21)}m_{310}^{(21)} + m_{002}^{(21)}m_{210}^{(21)}m_{301}^{(11)}\\
&-m_{002}^{(21)}m_{210}^{(21)}m_{220}^{(20)} + 2m_{002}^{(21)}m_{210}^{(21)}m_{211}^{(10)} + m_{002}^{(21)}m_{201}^{(00)}m_{130}^{(21)} - m_{002}^{(21)}m_{201}^{(00)}m_{121}^{(11)}\\
&+m_{002}^{(21)}m_{201}^{(10)}m_{211}^{(11)} - 2m_{002}^{(21)}m_{201}^{(10)}m_{130}^{(20)} + m_{002}^{(21)}m_{201}^{(10)}m_{121}^{(10)} - m_{002}^{(21)}m_{201}^{(11)}m_{310}^{(21)}\\
&+2m_{002}^{(21)}m_{201}^{(11)}m_{220}^{(20)} - m_{002}^{(21)}m_{201}^{(11)}m_{211}^{(10)} - m_{002}^{(21)}m_{201}^{(20)}m_{220}^{(11)} + m_{002}^{(21)}m_{201}^{(20)}m_{130}^{(10)}\\
&+m_{002}^{(21)}m_{201}^{(21)}m_{310}^{(11)} - m_{002}^{(21)}m_{201}^{(21)}m_{220}^{(10)} + 2m_{002}^{(21)}m_{120}^{(00)}m_{220}^{(22)} - m_{002}^{(21)}m_{120}^{(00)}m_{211}^{(21)}\\
&-m_{002}^{(21)}m_{120}^{(00)}m_{121}^{(20)} - m_{002}^{(21)}m_{120}^{(10)}m_{310}^{(22)} + m_{002}^{(21)}m_{120}^{(10)}m_{301}^{(21)} - m_{002}^{(21)}m_{120}^{(11)}m_{400}^{(22)}\\
&+m_{002}^{(21)}m_{120}^{(11)}m_{301}^{(20)} - m_{002}^{(21)}m_{120}^{(20)}m_{310}^{(21)} - 2m_{002}^{(21)}m_{120}^{(20)}m_{220}^{(20)} + 2m_{002}^{(21)}m_{120}^{(20)}m_{211}^{(10)}\\
&+m_{002}^{(21)}m_{120}^{(20)}m_{121}^{(00)} + m_{002}^{(21)}m_{120}^{(21)}m_{400}^{(21)} + 2m_{002}^{(21)}m_{120}^{(21)}m_{310}^{(20)} - 2m_{002}^{(21)}m_{120}^{(21)}m_{301}^{(10)}\\
&-m_{002}^{(21)}m_{120}^{(21)}m_{211}^{(00)} - 3m_{002}^{(21)}m_{111}^{(00)}m_{220}^{(21)} + m_{002}^{(21)}m_{111}^{(00)}m_{211}^{(11)} + m_{002}^{(21)}m_{111}^{(00)}m_{130}^{(20)}\\
&+m_{002}^{(21)}m_{111}^{(00)}m_{121}^{(10)} + 2m_{002}^{(21)}m_{111}^{(10)}m_{310}^{(21)} - m_{002}^{(21)}m_{111}^{(10)}m_{301}^{(11)} + 2m_{002}^{(21)}m_{111}^{(10)}m_{220}^{(20)}\\
&-2m_{002}^{(21)}m_{111}^{(10)}m_{211}^{(10)} - m_{002}^{(21)}m_{111}^{(10)}m_{121}^{(00)} + m_{002}^{(21)}m_{111}^{(11)}m_{400}^{(21)} - 3m_{002}^{(21)}m_{111}^{(11)}m_{310}^{(20)}\\
&+m_{002}^{(21)}m_{111}^{(11)}m_{301}^{(10)} + m_{002}^{(21)}m_{111}^{(11)}m_{211}^{(00)} + m_{002}^{(21)}m_{111}^{(20)}m_{310}^{(11)} - m_{002}^{(21)}m_{111}^{(20)}m_{130}^{(00)}\\
&-m_{002}^{(21)}m_{111}^{(21)}m_{400}^{(11)} + m_{002}^{(21)}m_{111}^{(21)}m_{220}^{(00)} + m_{002}^{(21)}m_{102}^{(00)}m_{220}^{(11)} - m_{002}^{(21)}m_{102}^{(00)}m_{130}^{(10)}\\
&-m_{002}^{(21)}m_{102}^{(10)}m_{310}^{(11)} + m_{002}^{(21)}m_{102}^{(10)}m_{130}^{(00)} + m_{002}^{(21)}m_{102}^{(11)}m_{310}^{(10)} - m_{002}^{(21)}m_{102}^{(11)}m_{220}^{(00)}\\
&-m_{002}^{(21)}m_{030}^{(00)}m_{310}^{(22)} + m_{002}^{(21)}m_{030}^{(00)}m_{211}^{(20)} + m_{002}^{(21)}m_{030}^{(10)}m_{400}^{(22)} - m_{002}^{(21)}m_{030}^{(10)}m_{301}^{(20)}\\
&+m_{002}^{(21)}m_{030}^{(20)}m_{310}^{(20)} - m_{002}^{(21)}m_{030}^{(20)}m_{211}^{(00)} - m_{002}^{(21)}m_{030}^{(21)}m_{400}^{(20)} + m_{002}^{(21)}m_{030}^{(21)}m_{301}^{(00)}\\
&+2m_{002}^{(21)}m_{021}^{(00)}m_{310}^{(21)} - m_{002}^{(21)}m_{021}^{(00)}m_{220}^{(20)} - m_{002}^{(21)}m_{021}^{(00)}m_{211}^{(10)} - 2m_{002}^{(21)}m_{021}^{(10)}m_{400}^{(21)}\\
&+m_{002}^{(21)}m_{021}^{(10)}m_{301}^{(10)} + m_{002}^{(21)}m_{021}^{(10)}m_{211}^{(00)} + m_{002}^{(21)}m_{021}^{(11)}m_{400}^{(20)} - m_{002}^{(21)}m_{021}^{(11)}m_{301}^{(00)}\\
&-m_{002}^{(21)}m_{021}^{(20)}m_{310}^{(10)} + m_{002}^{(21)}m_{021}^{(20)}m_{220}^{(00)} + m_{002}^{(21)}m_{021}^{(21)}m_{400}^{(10)} - m_{002}^{(21)}m_{021}^{(21)}m_{310}^{(00)}\\
&-m_{002}^{(21)}m_{012}^{(00)}m_{310}^{(11)} + m_{002}^{(21)}m_{012}^{(00)}m_{220}^{(10)} + m_{002}^{(21)}m_{012}^{(10)}m_{400}^{(11)} - m_{002}^{(21)}m_{012}^{(10)}m_{220}^{(00)}\\
&-m_{002}^{(21)}m_{012}^{(11)}m_{400}^{(10)} + m_{002}^{(21)}m_{012}^{(11)}m_{310}^{(00)}
\end{aligned}
$$

Generating graph:

$V1$	1	1	$V1$	2
1	$V2$	2	2	$V3$
$V2$	2	$V3$	3	3



$$
\begin{aligned}
T_{141} \;=\;& m_{200}^{(10)} m_{210}^{(11)} m_{013}^{(22)} - m_{200}^{(10)} m_{210}^{(11)} m_{004}^{(21)} - m_{200}^{(10)} m_{210}^{(21)} m_{022}^{(22)} + m_{200}^{(10)} m_{210}^{(21)} m_{004}^{(11)} \\
&+ m_{200}^{(10)} m_{210}^{(22)} m_{022}^{(21)} - m_{200}^{(10)} m_{210}^{(22)} m_{013}^{(11)} - m_{200}^{(10)} m_{201}^{(11)} m_{022}^{(22)} + m_{200}^{(10)} m_{201}^{(11)} m_{013}^{(21)} \\
&+ m_{200}^{(10)} m_{201}^{(21)} m_{031}^{(22)} - m_{200}^{(10)} m_{201}^{(21)} m_{013}^{(11)} - m_{200}^{(10)} m_{201}^{(22)} m_{031}^{(21)} + m_{200}^{(10)} m_{201}^{(22)} m_{022}^{(11)} \\
&- 2m_{200}^{(10)} m_{120}^{(10)} m_{013}^{(22)} + 2m_{200}^{(10)} m_{120}^{(10)} m_{004}^{(21)} + m_{200}^{(10)} m_{120}^{(20)} m_{022}^{(22)} - m_{200}^{(10)} m_{120}^{(20)} m_{004}^{(11)} \\
&+ m_{200}^{(10)} m_{120}^{(21)} m_{112}^{(22)} - m_{200}^{(10)} m_{120}^{(21)} m_{103}^{(21)} + m_{200}^{(10)} m_{120}^{(21)} m_{013}^{(20)} - m_{200}^{(10)} m_{120}^{(21)} m_{004}^{(10)} \\
&- m_{200}^{(10)} m_{120}^{(22)} m_{112}^{(21)} + m_{200}^{(10)} m_{120}^{(22)} m_{103}^{(11)} - m_{200}^{(10)} m_{120}^{(22)} m_{022}^{(20)} + m_{200}^{(10)} m_{120}^{(22)} m_{013}^{(10)} \\
&+ 3m_{200}^{(10)} m_{111}^{(10)} m_{022}^{(22)} - 2m_{200}^{(10)} m_{111}^{(10)} m_{013}^{(21)} - m_{200}^{(10)} m_{111}^{(10)} m_{004}^{(11)} - m_{200}^{(10)} m_{111}^{(11)} m_{112}^{(22)} \\
&+ m_{200}^{(10)} m_{111}^{(11)} m_{103}^{(21)} - m_{200}^{(10)} m_{111}^{(11)} m_{013}^{(20)} + m_{200}^{(10)} m_{111}^{(11)} m_{004}^{(10)} - m_{200}^{(10)} m_{111}^{(20)} m_{031}^{(22)} \\
&- 2m_{200}^{(10)} m_{111}^{(20)} m_{022}^{(21)} + 3m_{200}^{(10)} m_{111}^{(20)} m_{013}^{(11)} - m_{200}^{(10)} m_{111}^{(21)} m_{121}^{(22)} + 2m_{200}^{(10)} m_{111}^{(21)} m_{112}^{(21)} \\
&- m_{200}^{(10)} m_{111}^{(21)} m_{103}^{(11)} + m_{200}^{(10)} m_{111}^{(22)} m_{121}^{(21)} - m_{200}^{(10)} m_{111}^{(22)} m_{112}^{(11)} + m_{200}^{(10)} m_{111}^{(22)} m_{031}^{(20)} \\
&- m_{200}^{(10)} m_{111}^{(22)} m_{022}^{(10)} - m_{200}^{(10)} m_{102}^{(10)} m_{031}^{(22)} + m_{200}^{(10)} m_{102}^{(10)} m_{013}^{(11)} + m_{200}^{(10)} m_{102}^{(11)} m_{121}^{(22)} \\
&- m_{200}^{(10)} m_{102}^{(11)} m_{112}^{(21)} + m_{200}^{(10)} m_{102}^{(11)} m_{022}^{(20)} - m_{200}^{(10)} m_{102}^{(11)} m_{013}^{(10)} + 2m_{200}^{(10)} m_{102}^{(20)} m_{031}^{(21)} \\
&- 2m_{200}^{(10)} m_{102}^{(20)} m_{022}^{(11)} - m_{200}^{(10)} m_{102}^{(21)} m_{121}^{(21)} + m_{200}^{(10)} m_{102}^{(21)} m_{112}^{(11)} - m_{200}^{(10)} m_{102}^{(21)} m_{031}^{(20)} \\
&+ m_{200}^{(10)} m_{102}^{(21)} m_{022}^{(10)} + m_{200}^{(10)} m_{030}^{(00)} m_{013}^{(22)} - m_{200}^{(10)} m_{030}^{(00)} m_{004}^{(21)} - m_{200}^{(10)} m_{030}^{(20)} m_{112}^{(22)} \\
&+ m_{200}^{(10)} m_{030}^{(20)} m_{103}^{(21)} - m_{200}^{(10)} m_{030}^{(20)} m_{013}^{(20)} + m_{200}^{(10)} m_{030}^{(20)} m_{004}^{(10)} + m_{200}^{(10)} m_{030}^{(22)} m_{112}^{(20)} \\
&- m_{200}^{(10)} m_{030}^{(22)} m_{103}^{(10)} - 2m_{200}^{(10)} m_{021}^{(00)} m_{022}^{(22)} + m_{200}^{(10)} m_{021}^{(00)} m_{013}^{(21)} + m_{200}^{(10)} m_{021}^{(00)} m_{004}^{(11)} \\
&+ m_{200}^{(10)} m_{021}^{(10)} m_{112}^{(22)} - m_{200}^{(10)} m_{021}^{(10)} m_{103}^{(21)} + m_{200}^{(10)} m_{021}^{(10)} m_{013}^{(20)} - m_{200}^{(10)} m_{021}^{(10)} m_{004}^{(10)} \\
&+ m_{200}^{(10)} m_{021}^{(20)} m_{121}^{(22)} - m_{200}^{(10)} m_{021}^{(20)} m_{103}^{(11)} + 2m_{200}^{(10)} m_{021}^{(20)} m_{022}^{(20)} - 2m_{200}^{(10)} m_{021}^{(20)} m_{013}^{(10)} \\
&- 2m_{200}^{(10)} m_{021}^{(21)} m_{112}^{(20)} + 2m_{200}^{(10)} m_{021}^{(21)} m_{103}^{(10)} - m_{200}^{(10)} m_{021}^{(22)} m_{121}^{(20)} + m_{200}^{(10)} m_{021}^{(22)} m_{112}^{(10)} \\
&+ m_{200}^{(10)} m_{012}^{(00)} m_{031}^{(22)} + m_{200}^{(10)} m_{012}^{(00)} m_{022}^{(21)} - 2m_{200}^{(10)} m_{012}^{(00)} m_{013}^{(11)} - m_{200}^{(10)} m_{012}^{(10)} m_{121}^{(22)} \\
&+ m_{200}^{(10)} m_{012}^{(10)} m_{103}^{(11)} - 2m_{200}^{(10)} m_{012}^{(10)} m_{022}^{(20)} + 2m_{200}^{(10)} m_{012}^{(10)} m_{013}^{(10)} + m_{200}^{(10)} m_{012}^{(11)} m_{112}^{(20)} \\
&- m_{200}^{(10)} m_{012}^{(11)} m_{103}^{(10)} - m_{200}^{(10)} m_{012}^{(20)} m_{121}^{(21)} + m_{200}^{(10)} m_{012}^{(20)} m_{112}^{(11)} - m_{200}^{(10)} m_{012}^{(20)} m_{031}^{(20)} \\
&+ m_{200}^{(10)} m_{012}^{(20)} m_{022}^{(10)} + 2m_{200}^{(10)} m_{012}^{(21)} m_{121}^{(20)} - 2m_{200}^{(10)} m_{012}^{(21)} m_{112}^{(10)} - m_{200}^{(10)} m_{003}^{(00)} m_{031}^{(21)} \\
&+ m_{200}^{(10)} m_{003}^{(00)} m_{022}^{(11)} + m_{200}^{(10)} m_{003}^{(10)} m_{121}^{(21)} - m_{200}^{(10)} m_{003}^{(10)} m_{112}^{(11)} + m_{200}^{(10)} m_{003}^{(10)} m_{031}^{(20)} \\
&- m_{200}^{(10)} m_{003}^{(10)} m_{022}^{(10)} - m_{200}^{(10)} m_{003}^{(11)} m_{121}^{(20)} + m_{200}^{(10)} m_{003}^{(11)} m_{112}^{(10)} - m_{200}^{(11)} m_{300}^{(11)} m_{013}^{(22)} \\
&+ m_{200}^{(11)} m_{300}^{(11)} m_{004}^{(21)} + m_{200}^{(11)} m_{300}^{(21)} m_{022}^{(22)} - m_{200}^{(11)} m_{300}^{(21)} m_{004}^{(11)} - m_{200}^{(11)} m_{300}^{(22)} m_{022}^{(21)} \\
&+ m_{200}^{(11)} m_{300}^{(22)} m_{013}^{(11)} + 2m_{200}^{(11)} m_{210}^{(10)} m_{013}^{(22)} - 2m_{200}^{(11)} m_{210}^{(10)} m_{004}^{(21)} - m_{200}^{(11)} m_{210}^{(20)} m_{022}^{(22)} \\
&+ m_{200}^{(11)} m_{210}^{(20)} m_{004}^{(11)} - m_{200}^{(11)} m_{210}^{(21)} m_{112}^{(22)} + m_{200}^{(11)} m_{210}^{(21)} m_{103}^{(21)} - m_{200}^{(11)} m_{210}^{(21)} m_{013}^{(20)}
\end{aligned}
$$

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\begin{aligned}
&+m_{200}^{(11)}m_{210}^{(21)}m_{004}^{(10)}+m_{200}^{(11)}m_{210}^{(22)}m_{112}^{(21)}-m_{200}^{(11)}m_{210}^{(22)}m_{103}^{(11)}+m_{200}^{(11)}m_{210}^{(22)}m_{022}^{(20)}\\
&-m_{200}^{(11)}m_{210}^{(22)}m_{013}^{(10)}-m_{200}^{(11)}m_{201}^{(10)}m_{022}^{(22)}+m_{200}^{(11)}m_{201}^{(10)}m_{004}^{(11)}+2m_{200}^{(11)}m_{201}^{(11)}m_{112}^{(22)}\\
&-2m_{200}^{(11)}m_{201}^{(11)}m_{103}^{(21)}+m_{200}^{(11)}m_{201}^{(11)}m_{013}^{(20)}-m_{200}^{(11)}m_{201}^{(11)}m_{004}^{(10)}+2m_{200}^{(11)}m_{201}^{(20)}m_{022}^{(21)}\\
&-2m_{200}^{(11)}m_{201}^{(20)}m_{013}^{(11)}-m_{200}^{(11)}m_{201}^{(21)}m_{121}^{(22)}-m_{200}^{(11)}m_{201}^{(21)}m_{112}^{(21)}+2m_{200}^{(11)}m_{201}^{(21)}m_{103}^{(11)}\\
&-m_{200}^{(11)}m_{201}^{(21)}m_{022}^{(20)}+m_{200}^{(11)}m_{201}^{(21)}m_{013}^{(10)}+m_{200}^{(11)}m_{201}^{(22)}m_{121}^{(21)}-m_{200}^{(11)}m_{201}^{(22)}m_{112}^{(11)}\\
&-m_{200}^{(11)}m_{120}^{(00)}m_{013}^{(22)}+m_{200}^{(11)}m_{120}^{(00)}m_{004}^{(21)}+m_{200}^{(11)}m_{120}^{(20)}m_{112}^{(22)}-m_{200}^{(11)}m_{120}^{(20)}m_{103}^{(21)}\\
&+m_{200}^{(11)}m_{120}^{(20)}m_{013}^{(20)}-m_{200}^{(11)}m_{120}^{(20)}m_{004}^{(10)}-m_{200}^{(11)}m_{120}^{(22)}m_{112}^{(20)}+m_{200}^{(11)}m_{120}^{(22)}m_{103}^{(10)}\\
&+m_{200}^{(11)}m_{111}^{(00)}m_{022}^{(22)}-m_{200}^{(11)}m_{111}^{(00)}m_{004}^{(11)}-3m_{200}^{(11)}m_{111}^{(10)}m_{112}^{(22)}+3m_{200}^{(11)}m_{111}^{(10)}m_{103}^{(21)}\\
&-m_{200}^{(11)}m_{111}^{(10)}m_{013}^{(20)}+m_{200}^{(11)}m_{111}^{(10)}m_{004}^{(10)}+m_{200}^{(11)}m_{111}^{(20)}m_{121}^{(22)}-m_{200}^{(11)}m_{111}^{(20)}m_{112}^{(21)}\\
&-m_{200}^{(11)}m_{111}^{(20)}m_{022}^{(20)}+m_{200}^{(11)}m_{111}^{(20)}m_{013}^{(10)}+m_{200}^{(11)}m_{111}^{(21)}m_{211}^{(22)}-m_{200}^{(11)}m_{111}^{(21)}m_{202}^{(21)}\\
&+3m_{200}^{(11)}m_{111}^{(21)}m_{112}^{(20)}-3m_{200}^{(11)}m_{111}^{(21)}m_{103}^{(10)}-m_{200}^{(11)}m_{111}^{(22)}m_{211}^{(21)}+m_{200}^{(11)}m_{111}^{(22)}m_{202}^{(11)}\\
&-m_{200}^{(11)}m_{111}^{(22)}m_{121}^{(20)}+m_{200}^{(11)}m_{111}^{(22)}m_{112}^{(10)}-m_{200}^{(11)}m_{102}^{(00)}m_{022}^{(21)}+m_{200}^{(11)}m_{102}^{(00)}m_{013}^{(11)}\\
&+m_{200}^{(11)}m_{102}^{(10)}m_{121}^{(22)}+m_{200}^{(11)}m_{102}^{(10)}m_{112}^{(21)}-2m_{200}^{(11)}m_{102}^{(10)}m_{103}^{(11)}+m_{200}^{(11)}m_{102}^{(10)}m_{022}^{(20)}\\
&-m_{200}^{(11)}m_{102}^{(10)}m_{013}^{(10)}-m_{200}^{(11)}m_{102}^{(11)}m_{211}^{(22)}+m_{200}^{(11)}m_{102}^{(11)}m_{202}^{(21)}-2m_{200}^{(11)}m_{102}^{(11)}m_{112}^{(20)}\\
&+2m_{200}^{(11)}m_{102}^{(11)}m_{103}^{(10)}-2m_{200}^{(11)}m_{102}^{(20)}m_{121}^{(21)}+2m_{200}^{(11)}m_{102}^{(20)}m_{112}^{(11)}+m_{200}^{(11)}m_{102}^{(21)}m_{211}^{(21)}\\
&-m_{200}^{(11)}m_{102}^{(21)}m_{202}^{(11)}+m_{200}^{(11)}m_{102}^{(21)}m_{121}^{(20)}-m_{200}^{(11)}m_{102}^{(21)}m_{112}^{(10)}+m_{200}^{(11)}m_{021}^{(00)}m_{112}^{(22)}\\
&-m_{200}^{(11)}m_{021}^{(00)}m_{103}^{(21)}-m_{200}^{(11)}m_{021}^{(20)}m_{211}^{(22)}+m_{200}^{(11)}m_{021}^{(20)}m_{202}^{(21)}-m_{200}^{(11)}m_{021}^{(20)}m_{112}^{(20)}\\
&+m_{200}^{(11)}m_{021}^{(20)}m_{103}^{(10)}+m_{200}^{(11)}m_{021}^{(22)}m_{211}^{(20)}-m_{200}^{(11)}m_{021}^{(22)}m_{202}^{(10)}-m_{200}^{(11)}m_{012}^{(00)}m_{121}^{(22)}\\
&+m_{200}^{(11)}m_{012}^{(00)}m_{103}^{(11)}+m_{200}^{(11)}m_{012}^{(10)}m_{211}^{(22)}-m_{200}^{(11)}m_{012}^{(10)}m_{202}^{(21)}+m_{200}^{(11)}m_{012}^{(10)}m_{112}^{(20)}\\
&-m_{200}^{(11)}m_{012}^{(10)}m_{103}^{(10)}+m_{200}^{(11)}m_{012}^{(20)}m_{211}^{(21)}-m_{200}^{(11)}m_{012}^{(20)}m_{202}^{(11)}+m_{200}^{(11)}m_{012}^{(20)}m_{121}^{(20)}\\
&-m_{200}^{(11)}m_{012}^{(20)}m_{112}^{(10)}-2m_{200}^{(11)}m_{012}^{(21)}m_{211}^{(20)}+2m_{200}^{(11)}m_{012}^{(21)}m_{202}^{(10)}+m_{200}^{(11)}m_{003}^{(00)}m_{121}^{(21)}\\
&-m_{200}^{(11)}m_{003}^{(00)}m_{112}^{(11)}-m_{200}^{(11)}m_{003}^{(10)}m_{211}^{(21)}+m_{200}^{(11)}m_{003}^{(10)}m_{202}^{(11)}-m_{200}^{(11)}m_{003}^{(10)}m_{121}^{(20)}\\
&+m_{200}^{(11)}m_{003}^{(10)}m_{112}^{(10)}+m_{200}^{(11)}m_{003}^{(11)}m_{211}^{(20)}-m_{200}^{(11)}m_{003}^{(11)}m_{202}^{(10)}-m_{200}^{(20)}m_{210}^{(11)}m_{022}^{(22)}\\
&+m_{200}^{(20)}m_{210}^{(11)}m_{013}^{(21)}+m_{200}^{(20)}m_{210}^{(21)}m_{031}^{(22)}-m_{200}^{(20)}m_{210}^{(21)}m_{013}^{(11)}-m_{200}^{(20)}m_{210}^{(22)}m_{031}^{(21)}\\
&+m_{200}^{(20)}m_{210}^{(22)}m_{022}^{(11)}+m_{200}^{(20)}m_{201}^{(11)}m_{031}^{(22)}-m_{200}^{(20)}m_{201}^{(11)}m_{022}^{(21)}-m_{200}^{(20)}m_{201}^{(21)}m_{040}^{(22)}\\
&+m_{200}^{(20)}m_{201}^{(21)}m_{022}^{(11)}+m_{200}^{(20)}m_{201}^{(22)}m_{040}^{(21)}-m_{200}^{(20)}m_{201}^{(22)}m_{031}^{(11)}+2m_{200}^{(20)}m_{120}^{(10)}m_{022}^{(22)}\\
&-2m_{200}^{(20)}m_{120}^{(10)}m_{013}^{(21)}-m_{200}^{(20)}m_{120}^{(20)}m_{031}^{(22)}+m_{200}^{(20)}m_{120}^{(20)}m_{013}^{(11)}-m_{200}^{(20)}m_{120}^{(21)}m_{121}^{(22)}\\
&+m_{200}^{(20)}m_{120}^{(21)}m_{112}^{(21)}-m_{200}^{(20)}m_{120}^{(21)}m_{022}^{(20)}+m_{200}^{(20)}m_{120}^{(21)}m_{013}^{(10)}+m_{200}^{(20)}m_{120}^{(22)}m_{121}^{(21)}\\
&-m_{200}^{(20)}m_{120}^{(22)}m_{112}^{(11)}+m_{200}^{(20)}m_{120}^{(22)}m_{031}^{(20)}-m_{200}^{(20)}m_{120}^{(22)}m_{022}^{(10)}-3m_{200}^{(20)}m_{111}^{(10)}m_{031}^{(22)}\\
&+2m_{200}^{(20)}m_{111}^{(10)}m_{022}^{(21)}+m_{200}^{(20)}m_{111}^{(10)}m_{013}^{(11)}+m_{200}^{(20)}m_{111}^{(11)}m_{121}^{(22)}-m_{200}^{(20)}m_{111}^{(11)}m_{112}^{(21)}\\
&+m_{200}^{(20)}m_{111}^{(11)}m_{022}^{(20)}-m_{200}^{(20)}m_{111}^{(11)}m_{013}^{(10)}+m_{200}^{(20)}m_{111}^{(20)}m_{040}^{(22)}+2m_{200}^{(20)}m_{111}^{(20)}m_{031}^{(21)}\\
&-3m_{200}^{(20)}m_{111}^{(20)}m_{022}^{(11)}+m_{200}^{(20)}m_{111}^{(21)}m_{130}^{(22)}-2m_{200}^{(20)}m_{111}^{(21)}m_{121}^{(21)}+m_{200}^{(20)}m_{111}^{(21)}m_{112}^{(11)}\\
&-m_{200}^{(20)}m_{111}^{(22)}m_{130}^{(21)}+m_{200}^{(20)}m_{111}^{(22)}m_{121}^{(11)}-m_{200}^{(20)}m_{111}^{(22)}m_{040}^{(20)}+m_{200}^{(20)}m_{111}^{(22)}m_{031}^{(10)}\\
&+m_{200}^{(20)}m_{102}^{(10)}m_{040}^{(22)}-m_{200}^{(20)}m_{102}^{(10)}m_{022}^{(11)}-m_{200}^{(20)}m_{102}^{(11)}m_{130}^{(22)}+m_{200}^{(20)}m_{102}^{(11)}m_{121}^{(21)}\\
&-m_{200}^{(20)}m_{102}^{(11)}m_{031}^{(20)}+m_{200}^{(20)}m_{102}^{(11)}m_{022}^{(10)}-2m_{200}^{(20)}m_{102}^{(20)}m_{040}^{(21)}+2m_{200}^{(20)}m_{102}^{(20)}m_{031}^{(11)}\\
&+m_{200}^{(20)}m_{102}^{(21)}m_{130}^{(21)}-m_{200}^{(20)}m_{102}^{(21)}m_{121}^{(11)}+m_{200}^{(20)}m_{102}^{(21)}m_{040}^{(20)}-m_{200}^{(20)}m_{102}^{(21)}m_{031}^{(10)}\\
&-m_{200}^{(20)}m_{030}^{(00)}m_{022}^{(22)}+m_{200}^{(20)}m_{030}^{(00)}m_{013}^{(21)}+m_{200}^{(20)}m_{030}^{(20)}m_{121}^{(22)}-m_{200}^{(20)}m_{030}^{(20)}m_{112}^{(21)}\\
&+m_{200}^{(20)}m_{030}^{(20)}m_{022}^{(20)}-m_{200}^{(20)}m_{030}^{(20)}m_{013}^{(10)}-m_{200}^{(20)}m_{030}^{(22)}m_{121}^{(20)}+m_{200}^{(20)}m_{030}^{(22)}m_{112}^{(10)}
\end{aligned}
$$

$$+2m_{200}^{(20)}m_{021}^{(00)}m_{031}^{(22)} - m_{200}^{(20)}m_{021}^{(00)}m_{022}^{(21)} - m_{200}^{(20)}m_{021}^{(00)}m_{013}^{(11)} - m_{200}^{(20)}m_{021}^{(10)}m_{121}^{(22)}$$
$$+m_{200}^{(20)}m_{021}^{(10)}m_{112}^{(21)} - m_{200}^{(20)}m_{021}^{(10)}m_{022}^{(20)} + m_{200}^{(20)}m_{021}^{(10)}m_{013}^{(10)} - m_{200}^{(20)}m_{021}^{(20)}m_{130}^{(22)}$$
$$+m_{200}^{(20)}m_{021}^{(20)}m_{112}^{(11)} - 2m_{200}^{(20)}m_{021}^{(20)}m_{031}^{(20)} + 2m_{200}^{(20)}m_{021}^{(20)}m_{022}^{(10)} + 2m_{200}^{(20)}m_{021}^{(21)}m_{121}^{(20)}$$
$$-2m_{200}^{(20)}m_{021}^{(21)}m_{112}^{(10)} + m_{200}^{(20)}m_{021}^{(22)}m_{130}^{(20)} - m_{200}^{(20)}m_{021}^{(22)}m_{121}^{(10)} - m_{200}^{(20)}m_{012}^{(00)}m_{040}^{(22)}$$
$$-m_{200}^{(20)}m_{012}^{(00)}m_{031}^{(21)} + 2m_{200}^{(20)}m_{012}^{(00)}m_{022}^{(11)} + m_{200}^{(20)}m_{012}^{(10)}m_{130}^{(22)} - m_{200}^{(20)}m_{012}^{(10)}m_{112}^{(11)}$$
$$+2m_{200}^{(20)}m_{012}^{(10)}m_{031}^{(20)} - 2m_{200}^{(20)}m_{012}^{(10)}m_{022}^{(10)} - m_{200}^{(20)}m_{012}^{(11)}m_{121}^{(20)} + m_{200}^{(20)}m_{012}^{(11)}m_{112}^{(10)}$$
$$+m_{200}^{(20)}m_{012}^{(20)}m_{130}^{(21)} - m_{200}^{(20)}m_{012}^{(20)}m_{121}^{(11)} + m_{200}^{(20)}m_{012}^{(20)}m_{040}^{(20)} - m_{200}^{(20)}m_{012}^{(20)}m_{031}^{(10)}$$
$$-2m_{200}^{(20)}m_{012}^{(21)}m_{130}^{(20)} + 2m_{200}^{(20)}m_{012}^{(21)}m_{121}^{(10)} + m_{200}^{(20)}m_{003}^{(00)}m_{040}^{(21)} - m_{200}^{(20)}m_{003}^{(00)}m_{031}^{(11)}$$
$$-m_{200}^{(20)}m_{003}^{(10)}m_{130}^{(21)} + m_{200}^{(20)}m_{003}^{(10)}m_{121}^{(11)} - m_{200}^{(20)}m_{003}^{(10)}m_{040}^{(20)} + m_{200}^{(20)}m_{003}^{(10)}m_{031}^{(10)}$$
$$+m_{200}^{(20)}m_{003}^{(11)}m_{130}^{(20)} - m_{200}^{(20)}m_{003}^{(11)}m_{121}^{(10)} + 2m_{200}^{(21)}m_{300}^{(11)}m_{022}^{(22)} - 2m_{200}^{(21)}m_{300}^{(11)}m_{013}^{(21)}$$
$$-2m_{200}^{(21)}m_{300}^{(21)}m_{031}^{(22)} + 2m_{200}^{(21)}m_{300}^{(21)}m_{013}^{(11)} + 2m_{200}^{(21)}m_{300}^{(22)}m_{031}^{(21)} - 2m_{200}^{(21)}m_{300}^{(22)}m_{022}^{(11)}$$
$$-4m_{200}^{(21)}m_{210}^{(10)}m_{022}^{(22)} + 4m_{200}^{(21)}m_{210}^{(10)}m_{013}^{(21)} - m_{200}^{(21)}m_{210}^{(11)}m_{112}^{(22)} + m_{200}^{(21)}m_{210}^{(11)}m_{103}^{(21)}$$
$$+2m_{200}^{(21)}m_{210}^{(20)}m_{031}^{(22)} - 2m_{200}^{(21)}m_{210}^{(20)}m_{013}^{(11)} + 3m_{200}^{(21)}m_{210}^{(21)}m_{121}^{(22)} - 2m_{200}^{(21)}m_{210}^{(21)}m_{112}^{(21)}$$
$$-m_{200}^{(21)}m_{210}^{(21)}m_{103}^{(11)} + 2m_{200}^{(21)}m_{210}^{(21)}m_{022}^{(20)} - 2m_{200}^{(21)}m_{210}^{(21)}m_{013}^{(10)} - 3m_{200}^{(21)}m_{210}^{(22)}m_{121}^{(21)}$$
$$+3m_{200}^{(21)}m_{210}^{(22)}m_{112}^{(11)} - 2m_{200}^{(21)}m_{210}^{(22)}m_{031}^{(20)} + 2m_{200}^{(21)}m_{210}^{(22)}m_{022}^{(10)} + 2m_{200}^{(21)}m_{201}^{(10)}m_{031}^{(22)}$$
$$-2m_{200}^{(21)}m_{201}^{(10)}m_{013}^{(11)} - 3m_{200}^{(21)}m_{201}^{(11)}m_{121}^{(22)} + 3m_{200}^{(21)}m_{201}^{(11)}m_{112}^{(21)} - 2m_{200}^{(21)}m_{201}^{(11)}m_{022}^{(20)}$$
$$+2m_{200}^{(21)}m_{201}^{(11)}m_{013}^{(10)} - 4m_{200}^{(21)}m_{201}^{(20)}m_{031}^{(21)} + 4m_{200}^{(21)}m_{201}^{(20)}m_{022}^{(11)} + m_{200}^{(21)}m_{201}^{(21)}m_{130}^{(22)}$$
$$+2m_{200}^{(21)}m_{201}^{(21)}m_{121}^{(21)} - 3m_{200}^{(21)}m_{201}^{(21)}m_{112}^{(11)} + 2m_{200}^{(21)}m_{201}^{(21)}m_{031}^{(20)} - 2m_{200}^{(21)}m_{201}^{(21)}m_{022}^{(10)}$$
$$-m_{200}^{(21)}m_{201}^{(22)}m_{130}^{(21)} + m_{200}^{(21)}m_{201}^{(22)}m_{121}^{(11)} + 2m_{200}^{(21)}m_{120}^{(00)}m_{022}^{(22)} - 2m_{200}^{(21)}m_{120}^{(00)}m_{013}^{(21)}$$
$$+2m_{200}^{(21)}m_{120}^{(10)}m_{112}^{(22)} - 2m_{200}^{(21)}m_{120}^{(10)}m_{103}^{(21)} - 3m_{200}^{(21)}m_{120}^{(20)}m_{121}^{(22)} + 2m_{200}^{(21)}m_{120}^{(20)}m_{112}^{(21)}$$
$$+m_{200}^{(21)}m_{120}^{(20)}m_{103}^{(11)} - 2m_{200}^{(21)}m_{120}^{(20)}m_{022}^{(20)} + 2m_{200}^{(21)}m_{120}^{(20)}m_{013}^{(10)} - m_{200}^{(21)}m_{120}^{(21)}m_{211}^{(22)}$$
$$+m_{200}^{(21)}m_{120}^{(21)}m_{202}^{(21)} - m_{200}^{(21)}m_{120}^{(21)}m_{112}^{(20)} + m_{200}^{(21)}m_{120}^{(21)}m_{103}^{(10)} + m_{200}^{(21)}m_{120}^{(22)}m_{211}^{(21)}$$
$$-m_{200}^{(21)}m_{120}^{(22)}m_{202}^{(11)} + 3m_{200}^{(21)}m_{120}^{(22)}m_{121}^{(20)} - 3m_{200}^{(21)}m_{120}^{(22)}m_{112}^{(10)} - 2m_{200}^{(21)}m_{111}^{(00)}m_{031}^{(22)}$$
$$+2m_{200}^{(21)}m_{111}^{(00)}m_{013}^{(11)} + 3m_{200}^{(21)}m_{111}^{(10)}m_{121}^{(22)} - 4m_{200}^{(21)}m_{111}^{(10)}m_{112}^{(21)} + m_{200}^{(21)}m_{111}^{(10)}m_{103}^{(11)}$$
$$+2m_{200}^{(21)}m_{111}^{(10)}m_{022}^{(20)} - 2m_{200}^{(21)}m_{111}^{(10)}m_{013}^{(10)} + m_{200}^{(21)}m_{111}^{(11)}m_{211}^{(22)} - m_{200}^{(21)}m_{111}^{(11)}m_{202}^{(21)}$$
$$+m_{200}^{(21)}m_{111}^{(11)}m_{112}^{(20)} - m_{200}^{(21)}m_{111}^{(11)}m_{103}^{(10)} - m_{200}^{(21)}m_{111}^{(20)}m_{130}^{(22)} + 4m_{200}^{(21)}m_{111}^{(20)}m_{121}^{(21)}$$
$$-3m_{200}^{(21)}m_{111}^{(20)}m_{112}^{(11)} + 2m_{200}^{(21)}m_{111}^{(20)}m_{031}^{(20)} - 2m_{200}^{(21)}m_{111}^{(20)}m_{022}^{(10)} - m_{200}^{(21)}m_{111}^{(21)}m_{220}^{(22)}$$
$$+m_{200}^{(21)}m_{111}^{(21)}m_{202}^{(11)} - 6m_{200}^{(21)}m_{111}^{(21)}m_{121}^{(20)} + 6m_{200}^{(21)}m_{111}^{(21)}m_{112}^{(10)} + m_{200}^{(21)}m_{111}^{(22)}m_{220}^{(21)}$$
$$-m_{200}^{(21)}m_{111}^{(22)}m_{211}^{(11)} + m_{200}^{(21)}m_{111}^{(22)}m_{130}^{(20)} - m_{200}^{(21)}m_{111}^{(22)}m_{121}^{(10)} + 2m_{200}^{(21)}m_{102}^{(00)}m_{031}^{(21)}$$
$$-2m_{200}^{(21)}m_{102}^{(00)}m_{022}^{(11)} - m_{200}^{(21)}m_{102}^{(10)}m_{130}^{(22)} - 2m_{200}^{(21)}m_{102}^{(10)}m_{121}^{(21)} + 3m_{200}^{(21)}m_{102}^{(10)}m_{112}^{(11)}$$
$$-2m_{200}^{(21)}m_{102}^{(10)}m_{031}^{(20)} + 2m_{200}^{(21)}m_{102}^{(10)}m_{022}^{(10)} + m_{200}^{(21)}m_{102}^{(11)}m_{220}^{(22)} - m_{200}^{(21)}m_{102}^{(11)}m_{211}^{(21)}$$
$$+3m_{200}^{(21)}m_{102}^{(11)}m_{121}^{(20)} - 3m_{200}^{(21)}m_{102}^{(11)}m_{112}^{(10)} + 2m_{200}^{(21)}m_{102}^{(20)}m_{130}^{(21)} - 2m_{200}^{(21)}m_{102}^{(20)}m_{121}^{(11)}$$
$$-m_{200}^{(21)}m_{102}^{(21)}m_{220}^{(21)} + m_{200}^{(21)}m_{102}^{(21)}m_{211}^{(11)} - m_{200}^{(21)}m_{102}^{(21)}m_{130}^{(20)} + m_{200}^{(21)}m_{102}^{(21)}m_{121}^{(10)}$$
$$-m_{200}^{(21)}m_{030}^{(00)}m_{112}^{(22)} + m_{200}^{(21)}m_{030}^{(00)}m_{103}^{(21)} + m_{200}^{(21)}m_{030}^{(20)}m_{211}^{(22)} - m_{200}^{(21)}m_{030}^{(20)}m_{202}^{(21)}$$
$$+m_{200}^{(21)}m_{030}^{(20)}m_{112}^{(20)} - m_{200}^{(21)}m_{030}^{(20)}m_{103}^{(10)} - m_{200}^{(21)}m_{030}^{(22)}m_{211}^{(20)} + m_{200}^{(21)}m_{030}^{(22)}m_{202}^{(10)}$$
$$+m_{200}^{(21)}m_{021}^{(00)}m_{112}^{(21)} - m_{200}^{(21)}m_{021}^{(00)}m_{103}^{(11)} - m_{200}^{(21)}m_{021}^{(10)}m_{211}^{(22)} + m_{200}^{(21)}m_{021}^{(10)}m_{202}^{(21)}$$
$$-m_{200}^{(21)}m_{021}^{(10)}m_{112}^{(20)} + m_{200}^{(21)}m_{021}^{(10)}m_{103}^{(10)} + m_{200}^{(21)}m_{021}^{(20)}m_{220}^{(22)} - 2m_{200}^{(21)}m_{021}^{(20)}m_{211}^{(21)}$$
$$+m_{200}^{(21)}m_{021}^{(20)}m_{202}^{(11)} + 2m_{200}^{(21)}m_{021}^{(21)}m_{211}^{(20)} - 2m_{200}^{(21)}m_{021}^{(21)}m_{202}^{(10)} - m_{200}^{(21)}m_{021}^{(22)}m_{220}^{(20)}$$

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\begin{aligned}
&+m_{200}^{(21)}m_{021}^{(22)}m_{211}^{(10)}+m_{200}^{(21)}m_{012}^{(00)}m_{130}^{(22)}-m_{200}^{(21)}m_{012}^{(00)}m_{121}^{(21)}-m_{200}^{(21)}m_{012}^{(10)}m_{220}^{(22)}\\
&+2m_{200}^{(21)}m_{012}^{(10)}m_{211}^{(21)}-m_{200}^{(21)}m_{012}^{(10)}m_{202}^{(11)}-m_{200}^{(21)}m_{012}^{(11)}m_{211}^{(20)}+m_{200}^{(21)}m_{012}^{(11)}m_{202}^{(10)}\\
&-m_{200}^{(21)}m_{012}^{(20)}m_{220}^{(21)}+m_{200}^{(21)}m_{012}^{(20)}m_{211}^{(11)}-m_{200}^{(21)}m_{012}^{(20)}m_{130}^{(20)}+m_{200}^{(21)}m_{012}^{(20)}m_{121}^{(10)}\\
&+2m_{200}^{(21)}m_{012}^{(21)}m_{220}^{(20)}-2m_{200}^{(21)}m_{012}^{(21)}m_{211}^{(10)}-m_{200}^{(21)}m_{003}^{(00)}m_{130}^{(21)}+m_{200}^{(21)}m_{003}^{(00)}m_{121}^{(11)}\\
&+m_{200}^{(21)}m_{003}^{(10)}m_{220}^{(21)}-m_{200}^{(21)}m_{003}^{(10)}m_{211}^{(11)}+m_{200}^{(21)}m_{003}^{(10)}m_{130}^{(20)}-m_{200}^{(21)}m_{003}^{(10)}m_{121}^{(10)}\\
&-m_{200}^{(21)}m_{003}^{(11)}m_{220}^{(20)}+m_{200}^{(21)}m_{003}^{(11)}m_{211}^{(10)}-m_{200}^{(22)}m_{300}^{(11)}m_{031}^{(22)}+m_{200}^{(22)}m_{300}^{(11)}m_{022}^{(21)}\\
&+m_{200}^{(22)}m_{300}^{(21)}m_{040}^{(22)}-m_{200}^{(22)}m_{300}^{(21)}m_{022}^{(11)}-m_{200}^{(22)}m_{300}^{(22)}m_{040}^{(21)}+m_{200}^{(22)}m_{300}^{(22)}m_{031}^{(11)}\\
&+2m_{200}^{(22)}m_{210}^{(10)}m_{031}^{(22)}-2m_{200}^{(22)}m_{210}^{(10)}m_{022}^{(21)}+m_{200}^{(22)}m_{210}^{(11)}m_{121}^{(22)}-m_{200}^{(22)}m_{210}^{(11)}m_{112}^{(21)}\\
&-m_{200}^{(22)}m_{210}^{(20)}m_{040}^{(22)}+m_{200}^{(22)}m_{210}^{(20)}m_{022}^{(11)}-2m_{200}^{(22)}m_{210}^{(21)}m_{130}^{(22)}+m_{200}^{(22)}m_{210}^{(21)}m_{121}^{(21)}\\
&+m_{200}^{(22)}m_{210}^{(21)}m_{112}^{(11)}-m_{200}^{(22)}m_{210}^{(21)}m_{031}^{(20)}+m_{200}^{(22)}m_{210}^{(21)}m_{022}^{(10)}+2m_{200}^{(22)}m_{210}^{(22)}m_{130}^{(21)}\\
&-2m_{200}^{(22)}m_{210}^{(22)}m_{121}^{(11)}+m_{200}^{(22)}m_{210}^{(22)}m_{040}^{(20)}-m_{200}^{(22)}m_{210}^{(22)}m_{031}^{(10)}-m_{200}^{(22)}m_{201}^{(10)}m_{040}^{(22)}\\
&+m_{200}^{(22)}m_{201}^{(10)}m_{022}^{(11)}+m_{200}^{(22)}m_{201}^{(11)}m_{130}^{(22)}-m_{200}^{(22)}m_{201}^{(11)}m_{121}^{(21)}+m_{200}^{(22)}m_{201}^{(11)}m_{031}^{(20)}\\
&-m_{200}^{(22)}m_{201}^{(11)}m_{022}^{(10)}+2m_{200}^{(22)}m_{201}^{(20)}m_{040}^{(21)}-2m_{200}^{(22)}m_{201}^{(20)}m_{031}^{(11)}-m_{200}^{(22)}m_{201}^{(21)}m_{130}^{(21)}\\
&+m_{200}^{(22)}m_{201}^{(21)}m_{121}^{(11)}-m_{200}^{(22)}m_{201}^{(21)}m_{040}^{(20)}+m_{200}^{(22)}m_{201}^{(21)}m_{031}^{(10)}-m_{200}^{(22)}m_{120}^{(00)}m_{031}^{(22)}\\
&+m_{200}^{(22)}m_{120}^{(00)}m_{022}^{(21)}-2m_{200}^{(22)}m_{120}^{(10)}m_{121}^{(22)}+2m_{200}^{(22)}m_{120}^{(10)}m_{112}^{(21)}+2m_{200}^{(22)}m_{120}^{(20)}m_{130}^{(22)}\\
&-m_{200}^{(22)}m_{120}^{(20)}m_{121}^{(21)}-m_{200}^{(22)}m_{120}^{(20)}m_{112}^{(11)}+m_{200}^{(22)}m_{120}^{(20)}m_{031}^{(20)}-m_{200}^{(22)}m_{120}^{(20)}m_{022}^{(10)}\\
&+m_{200}^{(22)}m_{120}^{(21)}m_{220}^{(22)}-m_{200}^{(22)}m_{120}^{(21)}m_{211}^{(21)}+m_{200}^{(22)}m_{120}^{(21)}m_{121}^{(20)}-m_{200}^{(22)}m_{120}^{(21)}m_{112}^{(10)}\\
&-m_{200}^{(22)}m_{120}^{(22)}m_{220}^{(21)}+m_{200}^{(22)}m_{120}^{(22)}m_{211}^{(11)}-2m_{200}^{(22)}m_{120}^{(22)}m_{130}^{(20)}+2m_{200}^{(22)}m_{120}^{(22)}m_{121}^{(10)}\\
&+m_{200}^{(22)}m_{111}^{(00)}m_{040}^{(22)}-m_{200}^{(22)}m_{111}^{(00)}m_{022}^{(11)}+m_{200}^{(22)}m_{111}^{(10)}m_{121}^{(21)}-m_{200}^{(22)}m_{111}^{(10)}m_{112}^{(11)}\\
&-m_{200}^{(22)}m_{111}^{(10)}m_{031}^{(20)}+m_{200}^{(22)}m_{111}^{(10)}m_{022}^{(10)}-m_{200}^{(22)}m_{111}^{(11)}m_{220}^{(22)}+m_{200}^{(22)}m_{111}^{(11)}m_{211}^{(21)}\\
&-m_{200}^{(22)}m_{111}^{(11)}m_{121}^{(20)}+m_{200}^{(22)}m_{111}^{(11)}m_{112}^{(10)}-3m_{200}^{(22)}m_{111}^{(20)}m_{130}^{(21)}+3m_{200}^{(22)}m_{111}^{(20)}m_{121}^{(11)}\\
&-m_{200}^{(22)}m_{111}^{(20)}m_{040}^{(20)}+m_{200}^{(22)}m_{111}^{(20)}m_{031}^{(10)}+m_{200}^{(22)}m_{111}^{(21)}m_{220}^{(21)}-m_{200}^{(22)}m_{111}^{(21)}m_{211}^{(11)}\\
&+3m_{200}^{(22)}m_{111}^{(21)}m_{130}^{(20)}-3m_{200}^{(22)}m_{111}^{(21)}m_{121}^{(10)}-m_{200}^{(22)}m_{102}^{(00)}m_{040}^{(21)}+m_{200}^{(22)}m_{102}^{(00)}m_{031}^{(11)}\\
&+m_{200}^{(22)}m_{102}^{(10)}m_{130}^{(21)}-m_{200}^{(22)}m_{102}^{(10)}m_{121}^{(11)}+m_{200}^{(22)}m_{102}^{(10)}m_{040}^{(20)}-m_{200}^{(22)}m_{102}^{(10)}m_{031}^{(10)}\\
&-m_{200}^{(22)}m_{102}^{(11)}m_{130}^{(20)}+m_{200}^{(22)}m_{102}^{(11)}m_{121}^{(10)}+m_{200}^{(22)}m_{030}^{(00)}m_{121}^{(22)}-m_{200}^{(22)}m_{030}^{(00)}m_{112}^{(21)}\\
&-m_{200}^{(22)}m_{030}^{(20)}m_{220}^{(22)}+m_{200}^{(22)}m_{030}^{(20)}m_{211}^{(21)}-m_{200}^{(22)}m_{030}^{(20)}m_{121}^{(20)}+m_{200}^{(22)}m_{030}^{(20)}m_{112}^{(10)}\\
&+m_{200}^{(22)}m_{030}^{(22)}m_{220}^{(20)}-m_{200}^{(22)}m_{030}^{(22)}m_{211}^{(10)}-m_{200}^{(22)}m_{021}^{(00)}m_{130}^{(22)}+m_{200}^{(22)}m_{021}^{(00)}m_{112}^{(11)}\\
&+m_{200}^{(22)}m_{021}^{(10)}m_{220}^{(22)}-m_{200}^{(22)}m_{021}^{(10)}m_{211}^{(21)}+m_{200}^{(22)}m_{021}^{(10)}m_{121}^{(20)}-m_{200}^{(22)}m_{021}^{(10)}m_{112}^{(10)}\\
&+m_{200}^{(22)}m_{021}^{(20)}m_{220}^{(21)}-m_{200}^{(22)}m_{021}^{(20)}m_{211}^{(11)}+m_{200}^{(22)}m_{021}^{(20)}m_{130}^{(20)}-m_{200}^{(22)}m_{021}^{(20)}m_{121}^{(10)}\\
&-2m_{200}^{(22)}m_{021}^{(21)}m_{220}^{(20)}+2m_{200}^{(22)}m_{021}^{(21)}m_{211}^{(10)}+m_{200}^{(22)}m_{012}^{(00)}m_{130}^{(21)}-m_{200}^{(22)}m_{012}^{(00)}m_{121}^{(11)}\\
&-m_{200}^{(22)}m_{012}^{(10)}m_{220}^{(21)}+m_{200}^{(22)}m_{012}^{(10)}m_{211}^{(11)}-m_{200}^{(22)}m_{012}^{(10)}m_{130}^{(20)}+m_{200}^{(22)}m_{012}^{(10)}m_{121}^{(10)}\\
&+m_{200}^{(22)}m_{012}^{(11)}m_{220}^{(20)}-m_{200}^{(22)}m_{012}^{(11)}m_{211}^{(10)}-m_{110}^{(00)}m_{210}^{(11)}m_{013}^{(22)}+m_{110}^{(00)}m_{210}^{(11)}m_{004}^{(21)}\\
&+m_{110}^{(00)}m_{210}^{(21)}m_{022}^{(22)}-m_{110}^{(00)}m_{210}^{(21)}m_{004}^{(11)}-m_{110}^{(00)}m_{210}^{(22)}m_{022}^{(21)}+m_{110}^{(00)}m_{210}^{(22)}m_{013}^{(11)}\\
&+m_{110}^{(00)}m_{201}^{(11)}m_{022}^{(22)}-m_{110}^{(00)}m_{201}^{(11)}m_{013}^{(21)}-m_{110}^{(00)}m_{201}^{(21)}m_{031}^{(22)}+m_{110}^{(00)}m_{201}^{(21)}m_{013}^{(11)}\\
&+m_{110}^{(00)}m_{201}^{(22)}m_{031}^{(21)}-m_{110}^{(00)}m_{201}^{(22)}m_{022}^{(11)}+2m_{110}^{(00)}m_{120}^{(10)}m_{013}^{(22)}-2m_{110}^{(00)}m_{120}^{(10)}m_{004}^{(21)}\\
&-m_{110}^{(00)}m_{120}^{(20)}m_{022}^{(22)}+m_{110}^{(00)}m_{120}^{(20)}m_{004}^{(11)}-m_{110}^{(00)}m_{120}^{(21)}m_{112}^{(22)}+m_{110}^{(00)}m_{120}^{(21)}m_{103}^{(21)}\\
&-m_{110}^{(00)}m_{120}^{(21)}m_{013}^{(20)}+m_{110}^{(00)}m_{120}^{(21)}m_{004}^{(10)}+m_{110}^{(00)}m_{120}^{(22)}m_{112}^{(21)}-m_{110}^{(00)}m_{120}^{(22)}m_{103}^{(11)}\\
&+m_{110}^{(00)}m_{120}^{(22)}m_{022}^{(20)}-m_{110}^{(00)}m_{120}^{(22)}m_{013}^{(10)}-3m_{110}^{(00)}m_{111}^{(10)}m_{022}^{(22)}+2m_{110}^{(00)}m_{111}^{(10)}m_{013}^{(21)}
\end{aligned}
$$

$$+m_{110}^{(00)}m_{111}^{(10)}m_{004}^{(11)}+m_{110}^{(00)}m_{111}^{(11)}m_{112}^{(22)}-m_{110}^{(00)}m_{111}^{(11)}m_{103}^{(21)}+m_{110}^{(00)}m_{111}^{(11)}m_{013}^{(20)}$$
$$-m_{110}^{(00)}m_{111}^{(11)}m_{004}^{(10)}+m_{110}^{(00)}m_{111}^{(20)}m_{031}^{(22)}+2m_{110}^{(00)}m_{111}^{(20)}m_{022}^{(21)}-3m_{110}^{(00)}m_{111}^{(20)}m_{013}^{(11)}$$
$$+m_{110}^{(00)}m_{111}^{(21)}m_{121}^{(22)}-2m_{110}^{(00)}m_{111}^{(21)}m_{112}^{(21)}+m_{110}^{(00)}m_{111}^{(21)}m_{103}^{(11)}-m_{110}^{(00)}m_{111}^{(22)}m_{121}^{(21)}$$
$$+m_{110}^{(00)}m_{111}^{(22)}m_{112}^{(11)}-m_{110}^{(00)}m_{111}^{(22)}m_{031}^{(20)}+m_{110}^{(00)}m_{111}^{(22)}m_{022}^{(10)}+m_{110}^{(00)}m_{102}^{(10)}m_{031}^{(22)}$$
$$-m_{110}^{(00)}m_{102}^{(10)}m_{013}^{(11)}-m_{110}^{(00)}m_{102}^{(11)}m_{121}^{(22)}+m_{110}^{(00)}m_{102}^{(11)}m_{112}^{(21)}-m_{110}^{(00)}m_{102}^{(11)}m_{022}^{(20)}$$
$$+m_{110}^{(00)}m_{102}^{(11)}m_{013}^{(10)}-2m_{110}^{(00)}m_{102}^{(20)}m_{031}^{(21)}+2m_{110}^{(00)}m_{102}^{(20)}m_{022}^{(11)}+m_{110}^{(00)}m_{102}^{(21)}m_{121}^{(21)}$$
$$-m_{110}^{(00)}m_{102}^{(21)}m_{112}^{(11)}+m_{110}^{(00)}m_{102}^{(21)}m_{031}^{(20)}-m_{110}^{(00)}m_{102}^{(21)}m_{022}^{(10)}-m_{110}^{(00)}m_{030}^{(00)}m_{013}^{(22)}$$
$$+m_{110}^{(00)}m_{030}^{(00)}m_{004}^{(21)}+m_{110}^{(00)}m_{030}^{(20)}m_{112}^{(22)}-m_{110}^{(00)}m_{030}^{(20)}m_{103}^{(21)}+m_{110}^{(00)}m_{030}^{(20)}m_{013}^{(20)}$$
$$-m_{110}^{(00)}m_{030}^{(20)}m_{004}^{(10)}-m_{110}^{(00)}m_{030}^{(22)}m_{112}^{(20)}+m_{110}^{(00)}m_{030}^{(22)}m_{103}^{(10)}+2m_{110}^{(00)}m_{021}^{(00)}m_{022}^{(22)}$$
$$-m_{110}^{(00)}m_{021}^{(00)}m_{013}^{(21)}-m_{110}^{(00)}m_{021}^{(00)}m_{004}^{(11)}-m_{110}^{(00)}m_{021}^{(10)}m_{112}^{(22)}+m_{110}^{(00)}m_{021}^{(10)}m_{103}^{(21)}$$
$$-m_{110}^{(00)}m_{021}^{(10)}m_{013}^{(20)}+m_{110}^{(00)}m_{021}^{(10)}m_{004}^{(10)}-m_{110}^{(00)}m_{021}^{(20)}m_{121}^{(22)}+m_{110}^{(00)}m_{021}^{(20)}m_{103}^{(11)}$$
$$-2m_{110}^{(00)}m_{021}^{(20)}m_{022}^{(20)}+2m_{110}^{(00)}m_{021}^{(20)}m_{013}^{(10)}+2m_{110}^{(00)}m_{021}^{(21)}m_{112}^{(20)}-2m_{110}^{(00)}m_{021}^{(21)}m_{103}^{(10)}$$
$$+m_{110}^{(00)}m_{021}^{(22)}m_{121}^{(20)}-m_{110}^{(00)}m_{021}^{(22)}m_{112}^{(10)}-m_{110}^{(00)}m_{012}^{(00)}m_{031}^{(22)}-m_{110}^{(00)}m_{012}^{(00)}m_{022}^{(21)}$$
$$+2m_{110}^{(00)}m_{012}^{(00)}m_{013}^{(11)}+m_{110}^{(00)}m_{012}^{(10)}m_{121}^{(22)}-m_{110}^{(00)}m_{012}^{(10)}m_{103}^{(11)}+2m_{110}^{(00)}m_{012}^{(10)}m_{022}^{(20)}$$
$$-2m_{110}^{(00)}m_{012}^{(10)}m_{013}^{(10)}-m_{110}^{(00)}m_{012}^{(11)}m_{112}^{(20)}+m_{110}^{(00)}m_{012}^{(11)}m_{103}^{(10)}+m_{110}^{(00)}m_{012}^{(20)}m_{121}^{(21)}$$
$$-m_{110}^{(00)}m_{012}^{(20)}m_{112}^{(11)}+m_{110}^{(00)}m_{012}^{(20)}m_{031}^{(20)}-m_{110}^{(00)}m_{012}^{(20)}m_{022}^{(10)}-2m_{110}^{(00)}m_{012}^{(21)}m_{121}^{(20)}$$
$$+2m_{110}^{(00)}m_{012}^{(21)}m_{112}^{(10)}+m_{110}^{(00)}m_{003}^{(00)}m_{031}^{(21)}-m_{110}^{(00)}m_{003}^{(00)}m_{022}^{(11)}-m_{110}^{(00)}m_{003}^{(10)}m_{121}^{(21)}$$
$$+m_{110}^{(00)}m_{003}^{(10)}m_{112}^{(11)}-m_{110}^{(00)}m_{003}^{(10)}m_{031}^{(20)}+m_{110}^{(00)}m_{003}^{(10)}m_{022}^{(10)}+m_{110}^{(00)}m_{003}^{(11)}m_{121}^{(20)}$$
$$-m_{110}^{(00)}m_{003}^{(11)}m_{112}^{(10)}+m_{110}^{(10)}m_{300}^{(11)}m_{013}^{(22)}-m_{110}^{(10)}m_{300}^{(11)}m_{004}^{(21)}-m_{110}^{(10)}m_{300}^{(21)}m_{022}^{(22)}$$
$$+m_{110}^{(10)}m_{300}^{(21)}m_{004}^{(11)}+m_{110}^{(10)}m_{300}^{(22)}m_{022}^{(21)}-m_{110}^{(10)}m_{300}^{(22)}m_{013}^{(11)}-2m_{110}^{(10)}m_{210}^{(10)}m_{013}^{(22)}$$
$$+2m_{110}^{(10)}m_{210}^{(10)}m_{004}^{(21)}-m_{110}^{(10)}m_{210}^{(11)}m_{103}^{(22)}+m_{110}^{(10)}m_{210}^{(11)}m_{004}^{(20)}+m_{110}^{(10)}m_{210}^{(20)}m_{022}^{(22)}$$
$$-m_{110}^{(10)}m_{210}^{(20)}m_{004}^{(11)}+2m_{110}^{(10)}m_{210}^{(21)}m_{112}^{(22)}-2m_{110}^{(10)}m_{210}^{(21)}m_{004}^{(10)}-2m_{110}^{(10)}m_{210}^{(22)}m_{112}^{(21)}$$
$$+m_{110}^{(10)}m_{210}^{(22)}m_{103}^{(11)}-m_{110}^{(10)}m_{210}^{(22)}m_{022}^{(20)}+2m_{110}^{(10)}m_{210}^{(22)}m_{013}^{(10)}+m_{110}^{(10)}m_{201}^{(10)}m_{022}^{(22)}$$
$$-m_{110}^{(10)}m_{201}^{(10)}m_{004}^{(11)}-m_{110}^{(10)}m_{201}^{(11)}m_{112}^{(22)}+2m_{110}^{(10)}m_{201}^{(11)}m_{103}^{(21)}-2m_{110}^{(10)}m_{201}^{(11)}m_{013}^{(20)}$$
$$+m_{110}^{(10)}m_{201}^{(11)}m_{004}^{(10)}-2m_{110}^{(10)}m_{201}^{(20)}m_{022}^{(21)}+2m_{110}^{(10)}m_{201}^{(20)}m_{013}^{(11)}-2m_{110}^{(10)}m_{201}^{(21)}m_{103}^{(11)}$$
$$+2m_{110}^{(10)}m_{201}^{(21)}m_{022}^{(20)}+m_{110}^{(10)}m_{201}^{(22)}m_{112}^{(11)}-m_{110}^{(10)}m_{201}^{(22)}m_{022}^{(10)}+m_{110}^{(10)}m_{120}^{(00)}m_{013}^{(22)}$$
$$-m_{110}^{(10)}m_{120}^{(00)}m_{004}^{(21)}+2m_{110}^{(10)}m_{120}^{(10)}m_{103}^{(22)}-2m_{110}^{(10)}m_{120}^{(10)}m_{004}^{(20)}-2m_{110}^{(10)}m_{120}^{(20)}m_{112}^{(22)}$$
$$+2m_{110}^{(10)}m_{120}^{(20)}m_{004}^{(10)}-m_{110}^{(10)}m_{120}^{(21)}m_{202}^{(22)}+m_{110}^{(10)}m_{120}^{(21)}m_{004}^{(00)}+m_{110}^{(10)}m_{120}^{(22)}m_{202}^{(21)}$$
$$+2m_{110}^{(10)}m_{120}^{(22)}m_{112}^{(20)}-2m_{110}^{(10)}m_{120}^{(22)}m_{103}^{(10)}-m_{110}^{(10)}m_{120}^{(22)}m_{013}^{(00)}-m_{110}^{(10)}m_{111}^{(00)}m_{022}^{(22)}$$
$$+m_{110}^{(10)}m_{111}^{(00)}m_{004}^{(11)}-4m_{110}^{(10)}m_{111}^{(10)}m_{103}^{(21)}+4m_{110}^{(10)}m_{111}^{(10)}m_{013}^{(20)}+m_{110}^{(10)}m_{111}^{(11)}m_{202}^{(22)}$$
$$-m_{110}^{(10)}m_{111}^{(11)}m_{004}^{(00)}+4m_{110}^{(10)}m_{111}^{(20)}m_{112}^{(21)}-4m_{110}^{(10)}m_{111}^{(20)}m_{013}^{(10)}-4m_{110}^{(10)}m_{111}^{(21)}m_{112}^{(20)}$$
$$+4m_{110}^{(10)}m_{111}^{(21)}m_{103}^{(10)}-m_{110}^{(10)}m_{111}^{(22)}m_{202}^{(11)}+m_{110}^{(10)}m_{111}^{(22)}m_{022}^{(00)}+m_{110}^{(10)}m_{102}^{(00)}m_{022}^{(21)}$$
$$-m_{110}^{(10)}m_{102}^{(00)}m_{013}^{(11)}+2m_{110}^{(10)}m_{102}^{(10)}m_{103}^{(11)}-2m_{110}^{(10)}m_{102}^{(10)}m_{022}^{(20)}-m_{110}^{(10)}m_{102}^{(11)}m_{202}^{(21)}$$
$$+2m_{110}^{(10)}m_{102}^{(11)}m_{112}^{(20)}-2m_{110}^{(10)}m_{102}^{(11)}m_{103}^{(10)}+m_{110}^{(10)}m_{102}^{(11)}m_{013}^{(00)}-2m_{110}^{(10)}m_{102}^{(20)}m_{112}^{(11)}$$
$$+2m_{110}^{(10)}m_{102}^{(20)}m_{022}^{(10)}+m_{110}^{(10)}m_{102}^{(21)}m_{202}^{(11)}-m_{110}^{(10)}m_{102}^{(21)}m_{022}^{(00)}-m_{110}^{(10)}m_{030}^{(00)}m_{103}^{(22)}$$
$$+m_{110}^{(10)}m_{030}^{(00)}m_{004}^{(20)}+m_{110}^{(10)}m_{030}^{(20)}m_{202}^{(22)}-m_{110}^{(10)}m_{030}^{(20)}m_{004}^{(00)}-m_{110}^{(10)}m_{030}^{(22)}m_{202}^{(20)}$$
$$+m_{110}^{(10)}m_{030}^{(22)}m_{103}^{(00)}+m_{110}^{(10)}m_{021}^{(00)}m_{112}^{(22)}+2m_{110}^{(10)}m_{021}^{(00)}m_{103}^{(21)}-2m_{110}^{(10)}m_{021}^{(00)}m_{013}^{(20)}$$
$$-m_{110}^{(10)}m_{021}^{(00)}m_{004}^{(10)}-m_{110}^{(10)}m_{021}^{(10)}m_{202}^{(22)}+m_{110}^{(10)}m_{021}^{(10)}m_{004}^{(00)}-2m_{110}^{(10)}m_{021}^{(20)}m_{202}^{(21)}$$

$$+2m_{110}^{(10)}m_{021}^{(20)}m_{013}^{(00)}+2m_{110}^{(10)}m_{021}^{(21)}m_{202}^{(20)}-2m_{110}^{(10)}m_{021}^{(21)}m_{103}^{(00)}+m_{110}^{(10)}m_{021}^{(22)}m_{202}^{(10)}$$
$$-m_{110}^{(10)}m_{021}^{(22)}m_{112}^{(00)}-2m_{110}^{(10)}m_{012}^{(00)}m_{112}^{(21)}-m_{110}^{(10)}m_{012}^{(00)}m_{103}^{(11)}+m_{110}^{(10)}m_{012}^{(00)}m_{022}^{(20)}$$
$$+2m_{110}^{(10)}m_{012}^{(00)}m_{013}^{(10)}+2m_{110}^{(10)}m_{012}^{(10)}m_{202}^{(21)}-2m_{110}^{(10)}m_{012}^{(10)}m_{013}^{(00)}-m_{110}^{(10)}m_{012}^{(11)}m_{202}^{(20)}$$
$$+m_{110}^{(10)}m_{012}^{(11)}m_{103}^{(00)}+m_{110}^{(10)}m_{012}^{(20)}m_{202}^{(11)}-m_{110}^{(10)}m_{012}^{(20)}m_{022}^{(00)}-2m_{110}^{(10)}m_{012}^{(21)}m_{202}^{(10)}$$
$$+2m_{110}^{(10)}m_{012}^{(21)}m_{112}^{(00)}+m_{110}^{(10)}m_{003}^{(00)}m_{112}^{(11)}-m_{110}^{(10)}m_{003}^{(00)}m_{022}^{(10)}-m_{110}^{(10)}m_{003}^{(10)}m_{202}^{(11)}$$
$$+m_{110}^{(10)}m_{003}^{(10)}m_{022}^{(00)}+m_{110}^{(10)}m_{003}^{(11)}m_{202}^{(10)}-m_{110}^{(10)}m_{003}^{(11)}m_{112}^{(00)}+m_{110}^{(11)}m_{300}^{(11)}m_{103}^{(22)}$$
$$-m_{110}^{(11)}m_{300}^{(11)}m_{004}^{(20)}-m_{110}^{(11)}m_{300}^{(21)}m_{112}^{(22)}-m_{110}^{(11)}m_{300}^{(21)}m_{103}^{(21)}+m_{110}^{(11)}m_{300}^{(21)}m_{013}^{(20)}$$
$$+m_{110}^{(11)}m_{300}^{(21)}m_{004}^{(10)}+m_{110}^{(11)}m_{300}^{(22)}m_{112}^{(21)}-m_{110}^{(11)}m_{300}^{(22)}m_{013}^{(10)}-2m_{110}^{(11)}m_{210}^{(10)}m_{103}^{(22)}$$
$$+2m_{110}^{(11)}m_{210}^{(10)}m_{004}^{(20)}+m_{110}^{(11)}m_{210}^{(20)}m_{112}^{(22)}+m_{110}^{(11)}m_{210}^{(20)}m_{103}^{(21)}-m_{110}^{(11)}m_{210}^{(20)}m_{013}^{(20)}$$
$$-m_{110}^{(11)}m_{210}^{(20)}m_{004}^{(10)}+m_{110}^{(11)}m_{210}^{(21)}m_{202}^{(22)}-m_{110}^{(11)}m_{210}^{(21)}m_{004}^{(00)}-m_{110}^{(11)}m_{210}^{(22)}m_{202}^{(21)}$$
$$-m_{110}^{(11)}m_{210}^{(22)}m_{112}^{(20)}+m_{110}^{(11)}m_{210}^{(22)}m_{103}^{(10)}+m_{110}^{(11)}m_{210}^{(22)}m_{013}^{(00)}+m_{110}^{(11)}m_{201}^{(10)}m_{112}^{(22)}$$
$$+m_{110}^{(11)}m_{201}^{(10)}m_{103}^{(21)}-m_{110}^{(11)}m_{201}^{(10)}m_{013}^{(20)}-m_{110}^{(11)}m_{201}^{(10)}m_{004}^{(10)}-2m_{110}^{(11)}m_{201}^{(11)}m_{202}^{(22)}$$
$$+m_{110}^{(11)}m_{201}^{(11)}m_{103}^{(20)}+m_{110}^{(11)}m_{201}^{(11)}m_{004}^{(00)}-2m_{110}^{(11)}m_{201}^{(20)}m_{112}^{(21)}+2m_{110}^{(11)}m_{201}^{(20)}m_{013}^{(10)}$$
$$+m_{110}^{(11)}m_{201}^{(21)}m_{211}^{(22)}+2m_{110}^{(11)}m_{201}^{(21)}m_{202}^{(21)}-2m_{110}^{(11)}m_{201}^{(21)}m_{103}^{(10)}-m_{110}^{(11)}m_{201}^{(21)}m_{013}^{(00)}$$
$$-m_{110}^{(11)}m_{201}^{(22)}m_{211}^{(21)}+m_{110}^{(11)}m_{201}^{(22)}m_{112}^{(10)}+m_{110}^{(11)}m_{120}^{(00)}m_{103}^{(22)}-m_{110}^{(11)}m_{120}^{(00)}m_{004}^{(20)}$$
$$-m_{110}^{(11)}m_{120}^{(20)}m_{202}^{(22)}+m_{110}^{(11)}m_{120}^{(20)}m_{004}^{(00)}+m_{110}^{(11)}m_{120}^{(22)}m_{202}^{(20)}-m_{110}^{(11)}m_{120}^{(22)}m_{103}^{(00)}$$
$$-m_{110}^{(11)}m_{111}^{(00)}m_{112}^{(22)}-m_{110}^{(11)}m_{111}^{(00)}m_{103}^{(21)}+m_{110}^{(11)}m_{111}^{(00)}m_{013}^{(20)}+m_{110}^{(11)}m_{111}^{(00)}m_{004}^{(10)}$$
$$+3m_{110}^{(11)}m_{111}^{(10)}m_{202}^{(22)}-2m_{110}^{(11)}m_{111}^{(10)}m_{103}^{(20)}-m_{110}^{(11)}m_{111}^{(10)}m_{004}^{(00)}-m_{110}^{(11)}m_{111}^{(20)}m_{211}^{(22)}$$
$$+2m_{110}^{(11)}m_{111}^{(20)}m_{112}^{(20)}-m_{110}^{(11)}m_{111}^{(20)}m_{013}^{(00)}-m_{110}^{(11)}m_{111}^{(21)}m_{301}^{(22)}-2m_{110}^{(11)}m_{111}^{(21)}m_{202}^{(20)}$$
$$+3m_{110}^{(11)}m_{111}^{(21)}m_{103}^{(00)}+m_{110}^{(11)}m_{111}^{(22)}m_{301}^{(21)}+m_{110}^{(11)}m_{111}^{(22)}m_{211}^{(20)}-m_{110}^{(11)}m_{111}^{(22)}m_{202}^{(10)}$$
$$-m_{110}^{(11)}m_{111}^{(22)}m_{112}^{(00)}+m_{110}^{(11)}m_{102}^{(00)}m_{112}^{(21)}-m_{110}^{(11)}m_{102}^{(00)}m_{013}^{(10)}-m_{110}^{(11)}m_{102}^{(10)}m_{211}^{(22)}$$
$$-2m_{110}^{(11)}m_{102}^{(10)}m_{202}^{(21)}+2m_{110}^{(11)}m_{102}^{(10)}m_{103}^{(10)}+m_{110}^{(11)}m_{102}^{(10)}m_{013}^{(00)}+m_{110}^{(11)}m_{102}^{(11)}m_{301}^{(22)}$$
$$+m_{110}^{(11)}m_{102}^{(11)}m_{202}^{(20)}-2m_{110}^{(11)}m_{102}^{(11)}m_{103}^{(00)}+2m_{110}^{(11)}m_{102}^{(20)}m_{211}^{(21)}-2m_{110}^{(11)}m_{102}^{(20)}m_{112}^{(10)}$$
$$-m_{110}^{(11)}m_{102}^{(21)}m_{301}^{(21)}-m_{110}^{(11)}m_{102}^{(21)}m_{211}^{(20)}+m_{110}^{(11)}m_{102}^{(21)}m_{202}^{(10)}+m_{110}^{(11)}m_{102}^{(21)}m_{112}^{(00)}$$
$$-m_{110}^{(11)}m_{021}^{(00)}m_{202}^{(22)}+m_{110}^{(11)}m_{021}^{(00)}m_{103}^{(20)}+m_{110}^{(11)}m_{021}^{(20)}m_{301}^{(22)}-m_{110}^{(11)}m_{021}^{(20)}m_{103}^{(00)}$$
$$-m_{110}^{(11)}m_{021}^{(22)}m_{301}^{(20)}+m_{110}^{(11)}m_{021}^{(22)}m_{202}^{(00)}+m_{110}^{(11)}m_{012}^{(00)}m_{211}^{(22)}+m_{110}^{(11)}m_{012}^{(00)}m_{202}^{(21)}$$
$$-m_{110}^{(11)}m_{012}^{(00)}m_{112}^{(20)}-m_{110}^{(11)}m_{012}^{(00)}m_{103}^{(10)}-m_{110}^{(11)}m_{012}^{(10)}m_{301}^{(22)}+m_{110}^{(11)}m_{012}^{(10)}m_{103}^{(00)}$$
$$-m_{110}^{(11)}m_{012}^{(20)}m_{301}^{(21)}-m_{110}^{(11)}m_{012}^{(20)}m_{211}^{(20)}+m_{110}^{(11)}m_{012}^{(20)}m_{202}^{(10)}+m_{110}^{(11)}m_{012}^{(20)}m_{112}^{(00)}$$
$$+2m_{110}^{(11)}m_{012}^{(21)}m_{301}^{(20)}-2m_{110}^{(11)}m_{012}^{(21)}m_{202}^{(00)}-m_{110}^{(11)}m_{003}^{(00)}m_{211}^{(21)}+m_{110}^{(11)}m_{003}^{(00)}m_{112}^{(10)}$$
$$+m_{110}^{(11)}m_{003}^{(10)}m_{301}^{(21)}+m_{110}^{(11)}m_{003}^{(10)}m_{211}^{(20)}-m_{110}^{(11)}m_{003}^{(10)}m_{202}^{(10)}-m_{110}^{(11)}m_{003}^{(10)}m_{112}^{(00)}$$
$$-m_{110}^{(11)}m_{003}^{(11)}m_{301}^{(20)}+m_{110}^{(11)}m_{003}^{(11)}m_{202}^{(00)}-m_{110}^{(20)}m_{300}^{(11)}m_{022}^{(22)}+m_{110}^{(20)}m_{300}^{(11)}m_{013}^{(21)}$$
$$+m_{110}^{(20)}m_{300}^{(21)}m_{031}^{(22)}-m_{110}^{(20)}m_{300}^{(21)}m_{013}^{(11)}-m_{110}^{(20)}m_{300}^{(22)}m_{031}^{(21)}+m_{110}^{(20)}m_{300}^{(22)}m_{022}^{(11)}$$
$$+2m_{110}^{(20)}m_{210}^{(10)}m_{022}^{(22)}-2m_{110}^{(20)}m_{210}^{(10)}m_{013}^{(21)}+3m_{110}^{(20)}m_{210}^{(11)}m_{112}^{(22)}-2m_{110}^{(20)}m_{210}^{(11)}m_{103}^{(21)}$$
$$-m_{110}^{(20)}m_{210}^{(11)}m_{013}^{(20)}-m_{110}^{(20)}m_{210}^{(20)}m_{031}^{(22)}+m_{110}^{(20)}m_{210}^{(20)}m_{013}^{(11)}-4m_{110}^{(20)}m_{210}^{(21)}m_{121}^{(22)}$$
$$+2m_{110}^{(20)}m_{210}^{(21)}m_{103}^{(11)}+2m_{110}^{(20)}m_{210}^{(21)}m_{013}^{(10)}+4m_{110}^{(20)}m_{210}^{(22)}m_{121}^{(21)}-3m_{110}^{(20)}m_{210}^{(22)}m_{112}^{(11)}$$
$$+m_{110}^{(20)}m_{210}^{(22)}m_{031}^{(20)}-2m_{110}^{(20)}m_{210}^{(22)}m_{022}^{(10)}-m_{110}^{(20)}m_{201}^{(10)}m_{031}^{(22)}+m_{110}^{(20)}m_{201}^{(10)}m_{013}^{(11)}$$
$$-m_{110}^{(20)}m_{201}^{(11)}m_{121}^{(22)}+2m_{110}^{(20)}m_{201}^{(11)}m_{022}^{(20)}-m_{110}^{(20)}m_{201}^{(11)}m_{013}^{(10)}+2m_{110}^{(20)}m_{201}^{(20)}m_{031}^{(21)}$$
$$-2m_{110}^{(20)}m_{201}^{(20)}m_{022}^{(11)}+2m_{110}^{(20)}m_{201}^{(21)}m_{130}^{(22)}-2m_{110}^{(20)}m_{201}^{(21)}m_{031}^{(20)}-2m_{110}^{(20)}m_{201}^{(22)}m_{130}^{(21)}$$

$$+m_{110}^{(20)}m_{201}^{(22)}m_{121}^{(11)}+m_{110}^{(20)}m_{201}^{(22)}m_{031}^{(10)}-m_{110}^{(20)}m_{120}^{(00)}m_{022}^{(22)}+m_{110}^{(20)}m_{120}^{(00)}m_{013}^{(21)}$$
$$-6m_{110}^{(20)}m_{120}^{(10)}m_{112}^{(22)}+4m_{110}^{(20)}m_{120}^{(10)}m_{103}^{(21)}+2m_{110}^{(20)}m_{120}^{(10)}m_{013}^{(20)}+4m_{110}^{(20)}m_{120}^{(20)}m_{121}^{(22)}$$
$$-2m_{110}^{(20)}m_{120}^{(20)}m_{103}^{(11)}-2m_{110}^{(20)}m_{120}^{(20)}m_{013}^{(10)}+3m_{110}^{(20)}m_{120}^{(21)}m_{211}^{(22)}-2m_{110}^{(20)}m_{120}^{(21)}m_{202}^{(21)}$$
$$+2m_{110}^{(20)}m_{120}^{(21)}m_{112}^{(20)}-2m_{110}^{(20)}m_{120}^{(21)}m_{103}^{(10)}-m_{110}^{(20)}m_{120}^{(21)}m_{013}^{(00)}-3m_{110}^{(20)}m_{120}^{(22)}m_{211}^{(21)}$$
$$+2m_{110}^{(20)}m_{120}^{(22)}m_{202}^{(11)}-4m_{110}^{(20)}m_{120}^{(22)}m_{121}^{(20)}+4m_{110}^{(20)}m_{120}^{(22)}m_{112}^{(10)}+m_{110}^{(20)}m_{120}^{(22)}m_{022}^{(00)}$$
$$+m_{110}^{(20)}m_{111}^{(00)}m_{031}^{(22)}-m_{110}^{(20)}m_{111}^{(00)}m_{013}^{(11)}+6m_{110}^{(20)}m_{111}^{(10)}m_{121}^{(22)}-2m_{110}^{(20)}m_{111}^{(10)}m_{103}^{(11)}$$
$$-4m_{110}^{(20)}m_{111}^{(10)}m_{022}^{(20)}-3m_{110}^{(20)}m_{111}^{(11)}m_{211}^{(22)}+2m_{110}^{(20)}m_{111}^{(11)}m_{202}^{(21)}-2m_{110}^{(20)}m_{111}^{(11)}m_{112}^{(20)}$$
$$+2m_{110}^{(20)}m_{111}^{(11)}m_{103}^{(10)}+m_{110}^{(20)}m_{111}^{(11)}m_{013}^{(00)}-2m_{110}^{(20)}m_{111}^{(20)}m_{130}^{(22)}-8m_{110}^{(20)}m_{111}^{(20)}m_{121}^{(21)}$$
$$+6m_{110}^{(20)}m_{111}^{(20)}m_{112}^{(11)}+4m_{110}^{(20)}m_{111}^{(20)}m_{022}^{(10)}-2m_{110}^{(20)}m_{111}^{(21)}m_{220}^{(22)}+4m_{110}^{(20)}m_{111}^{(21)}m_{211}^{(21)}$$
$$-2m_{110}^{(20)}m_{111}^{(21)}m_{202}^{(11)}+4m_{110}^{(20)}m_{111}^{(21)}m_{121}^{(20)}-4m_{110}^{(20)}m_{111}^{(21)}m_{112}^{(10)}+2m_{110}^{(20)}m_{111}^{(22)}m_{220}^{(21)}$$
$$-m_{110}^{(20)}m_{111}^{(22)}m_{211}^{(11)}+2m_{110}^{(20)}m_{111}^{(22)}m_{130}^{(20)}-2m_{110}^{(20)}m_{111}^{(22)}m_{121}^{(10)}-m_{110}^{(20)}m_{111}^{(22)}m_{031}^{(00)}$$
$$-m_{110}^{(20)}m_{102}^{(00)}m_{031}^{(21)}+m_{110}^{(20)}m_{102}^{(00)}m_{022}^{(11)}-2m_{110}^{(20)}m_{102}^{(10)}m_{130}^{(22)}+2m_{110}^{(20)}m_{102}^{(10)}m_{031}^{(20)}$$
$$+2m_{110}^{(20)}m_{102}^{(11)}m_{220}^{(22)}-m_{110}^{(20)}m_{102}^{(11)}m_{211}^{(21)}-m_{110}^{(20)}m_{102}^{(11)}m_{022}^{(00)}+4m_{110}^{(20)}m_{102}^{(20)}m_{130}^{(21)}$$
$$-2m_{110}^{(20)}m_{102}^{(20)}m_{121}^{(11)}-2m_{110}^{(20)}m_{102}^{(20)}m_{031}^{(10)}-2m_{110}^{(20)}m_{102}^{(21)}m_{220}^{(21)}+m_{110}^{(20)}m_{102}^{(21)}m_{211}^{(11)}$$
$$-2m_{110}^{(20)}m_{102}^{(21)}m_{130}^{(20)}+2m_{110}^{(20)}m_{102}^{(21)}m_{121}^{(10)}+m_{110}^{(20)}m_{102}^{(21)}m_{031}^{(00)}+3m_{110}^{(20)}m_{030}^{(00)}m_{112}^{(22)}$$
$$-2m_{110}^{(20)}m_{030}^{(00)}m_{103}^{(21)}-m_{110}^{(20)}m_{030}^{(00)}m_{013}^{(20)}-3m_{110}^{(20)}m_{030}^{(20)}m_{211}^{(22)}+2m_{110}^{(20)}m_{030}^{(20)}m_{202}^{(21)}$$
$$-2m_{110}^{(20)}m_{030}^{(20)}m_{112}^{(20)}+2m_{110}^{(20)}m_{030}^{(20)}m_{103}^{(10)}+m_{110}^{(20)}m_{030}^{(20)}m_{013}^{(00)}+3m_{110}^{(20)}m_{030}^{(22)}m_{211}^{(20)}$$
$$-2m_{110}^{(20)}m_{030}^{(22)}m_{202}^{(10)}-m_{110}^{(20)}m_{030}^{(22)}m_{112}^{(00)}-5m_{110}^{(20)}m_{021}^{(00)}m_{121}^{(22)}+2m_{110}^{(20)}m_{021}^{(00)}m_{103}^{(11)}$$
$$+2m_{110}^{(20)}m_{021}^{(00)}m_{022}^{(20)}+m_{110}^{(20)}m_{021}^{(00)}m_{013}^{(10)}+3m_{110}^{(20)}m_{021}^{(10)}m_{211}^{(22)}-2m_{110}^{(20)}m_{021}^{(10)}m_{202}^{(21)}$$
$$+2m_{110}^{(20)}m_{021}^{(10)}m_{112}^{(20)}-2m_{110}^{(20)}m_{021}^{(10)}m_{103}^{(10)}-m_{110}^{(20)}m_{021}^{(10)}m_{013}^{(00)}+2m_{110}^{(20)}m_{021}^{(20)}m_{220}^{(22)}$$
$$+2m_{110}^{(20)}m_{021}^{(20)}m_{211}^{(21)}-2m_{110}^{(20)}m_{021}^{(20)}m_{202}^{(11)}+4m_{110}^{(20)}m_{021}^{(20)}m_{121}^{(20)}-4m_{110}^{(20)}m_{021}^{(20)}m_{112}^{(10)}$$
$$-2m_{110}^{(20)}m_{021}^{(20)}m_{022}^{(00)}-6m_{110}^{(20)}m_{021}^{(21)}m_{211}^{(20)}+4m_{110}^{(20)}m_{021}^{(21)}m_{202}^{(10)}+2m_{110}^{(20)}m_{021}^{(21)}m_{112}^{(00)}$$
$$-2m_{110}^{(20)}m_{021}^{(22)}m_{220}^{(20)}+m_{110}^{(20)}m_{021}^{(22)}m_{211}^{(10)}+m_{110}^{(20)}m_{021}^{(22)}m_{121}^{(00)}+2m_{110}^{(20)}m_{012}^{(00)}m_{130}^{(22)}$$
$$+4m_{110}^{(20)}m_{012}^{(00)}m_{121}^{(21)}-3m_{110}^{(20)}m_{012}^{(00)}m_{112}^{(11)}-m_{110}^{(20)}m_{012}^{(00)}m_{031}^{(20)}-2m_{110}^{(20)}m_{012}^{(00)}m_{022}^{(10)}$$
$$-2m_{110}^{(20)}m_{012}^{(10)}m_{220}^{(22)}-2m_{110}^{(20)}m_{012}^{(10)}m_{211}^{(21)}+2m_{110}^{(20)}m_{012}^{(10)}m_{202}^{(11)}-4m_{110}^{(20)}m_{012}^{(10)}m_{121}^{(20)}$$
$$+4m_{110}^{(20)}m_{012}^{(10)}m_{112}^{(10)}+2m_{110}^{(20)}m_{012}^{(10)}m_{022}^{(00)}+3m_{110}^{(20)}m_{012}^{(11)}m_{211}^{(20)}-2m_{110}^{(20)}m_{012}^{(11)}m_{202}^{(10)}$$
$$-m_{110}^{(20)}m_{012}^{(11)}m_{112}^{(00)}-2m_{110}^{(20)}m_{012}^{(20)}m_{220}^{(21)}+m_{110}^{(20)}m_{012}^{(20)}m_{211}^{(11)}-2m_{110}^{(20)}m_{012}^{(20)}m_{130}^{(20)}$$
$$+2m_{110}^{(20)}m_{012}^{(20)}m_{121}^{(10)}+m_{110}^{(20)}m_{012}^{(20)}m_{031}^{(00)}+4m_{110}^{(20)}m_{012}^{(21)}m_{220}^{(20)}-2m_{110}^{(20)}m_{012}^{(21)}m_{211}^{(10)}$$
$$-2m_{110}^{(20)}m_{012}^{(21)}m_{121}^{(00)}-2m_{110}^{(20)}m_{003}^{(00)}m_{130}^{(21)}+m_{110}^{(20)}m_{003}^{(00)}m_{121}^{(11)}+m_{110}^{(20)}m_{003}^{(00)}m_{031}^{(10)}$$
$$+2m_{110}^{(20)}m_{003}^{(10)}m_{220}^{(21)}-m_{110}^{(20)}m_{003}^{(10)}m_{211}^{(11)}+2m_{110}^{(20)}m_{003}^{(10)}m_{130}^{(20)}-2m_{110}^{(20)}m_{003}^{(10)}m_{121}^{(10)}$$
$$-m_{110}^{(20)}m_{003}^{(10)}m_{031}^{(00)}-2m_{110}^{(20)}m_{003}^{(11)}m_{220}^{(20)}+m_{110}^{(20)}m_{003}^{(11)}m_{211}^{(10)}+m_{110}^{(20)}m_{003}^{(11)}m_{121}^{(00)}$$
$$-3m_{110}^{(21)}m_{300}^{(11)}m_{112}^{(22)}+m_{110}^{(21)}m_{300}^{(11)}m_{103}^{(21)}+2m_{110}^{(21)}m_{300}^{(11)}m_{013}^{(20)}+3m_{110}^{(21)}m_{300}^{(21)}m_{121}^{(22)}$$
$$+2m_{110}^{(21)}m_{300}^{(21)}m_{112}^{(21)}-m_{110}^{(21)}m_{300}^{(21)}m_{103}^{(11)}-2m_{110}^{(21)}m_{300}^{(21)}m_{022}^{(20)}-2m_{110}^{(21)}m_{300}^{(21)}m_{013}^{(10)}$$
$$-3m_{110}^{(21)}m_{300}^{(22)}m_{121}^{(21)}+m_{110}^{(21)}m_{300}^{(22)}m_{112}^{(11)}+2m_{110}^{(21)}m_{300}^{(22)}m_{022}^{(10)}+6m_{110}^{(21)}m_{210}^{(10)}m_{112}^{(22)}$$
$$-2m_{110}^{(21)}m_{210}^{(10)}m_{103}^{(21)}-4m_{110}^{(21)}m_{210}^{(10)}m_{013}^{(20)}+m_{110}^{(21)}m_{210}^{(11)}m_{202}^{(22)}-m_{110}^{(21)}m_{210}^{(11)}m_{103}^{(20)}$$
$$-3m_{110}^{(21)}m_{210}^{(20)}m_{121}^{(22)}-2m_{110}^{(21)}m_{210}^{(20)}m_{112}^{(21)}+m_{110}^{(21)}m_{210}^{(20)}m_{103}^{(11)}+2m_{110}^{(21)}m_{210}^{(20)}m_{022}^{(20)}$$
$$+2m_{110}^{(21)}m_{210}^{(20)}m_{013}^{(10)}-4m_{110}^{(21)}m_{210}^{(21)}m_{211}^{(22)}+2m_{110}^{(21)}m_{210}^{(21)}m_{103}^{(10)}+2m_{110}^{(21)}m_{210}^{(21)}m_{013}^{(00)}$$
$$+4m_{110}^{(21)}m_{210}^{(22)}m_{211}^{(21)}-m_{110}^{(21)}m_{210}^{(22)}m_{202}^{(11)}+3m_{110}^{(21)}m_{210}^{(22)}m_{121}^{(20)}-4m_{110}^{(21)}m_{210}^{(22)}m_{112}^{(10)}$$

$$
\begin{aligned}
&-2m_{110}^{(21)}m_{210}^{(22)}m_{022}^{(00)} - 3m_{110}^{(21)}m_{201}^{(10)}m_{121}^{(22)} - 2m_{110}^{(21)}m_{201}^{(10)}m_{112}^{(21)} + m_{110}^{(21)}m_{201}^{(10)}m_{103}^{(11)}\\
&+2m_{110}^{(21)}m_{201}^{(10)}m_{022}^{(20)} + 2m_{110}^{(21)}m_{201}^{(10)}m_{013}^{(10)} + 5m_{110}^{(21)}m_{201}^{(11)}m_{211}^{(22)} - 2m_{110}^{(21)}m_{201}^{(11)}m_{202}^{(21)}\\
&-m_{110}^{(21)}m_{201}^{(11)}m_{103}^{(10)} - 2m_{110}^{(21)}m_{201}^{(11)}m_{013}^{(00)} + 6m_{110}^{(21)}m_{201}^{(20)}m_{121}^{(21)} - 2m_{110}^{(21)}m_{201}^{(20)}m_{112}^{(11)}\\
&-4m_{110}^{(21)}m_{201}^{(20)}m_{022}^{(10)} - 2m_{110}^{(21)}m_{201}^{(21)}m_{220}^{(22)} - 4m_{110}^{(21)}m_{201}^{(21)}m_{211}^{(21)} + 2m_{110}^{(21)}m_{201}^{(21)}m_{202}^{(11)}\\
&-2m_{110}^{(21)}m_{201}^{(21)}m_{121}^{(20)} + 4m_{110}^{(21)}m_{201}^{(21)}m_{112}^{(10)} + 2m_{110}^{(21)}m_{201}^{(21)}m_{022}^{(00)} + 2m_{110}^{(21)}m_{201}^{(22)}m_{220}^{(21)}\\
&-m_{110}^{(21)}m_{201}^{(22)}m_{211}^{(11)} - m_{110}^{(21)}m_{201}^{(22)}m_{121}^{(10)} - 3m_{110}^{(21)}m_{120}^{(00)}m_{112}^{(22)} + m_{110}^{(21)}m_{120}^{(00)}m_{103}^{(21)}\\
&+2m_{110}^{(21)}m_{120}^{(00)}m_{013}^{(20)} - 2m_{110}^{(21)}m_{120}^{(10)}m_{202}^{(22)} + 2m_{110}^{(21)}m_{120}^{(10)}m_{103}^{(20)} + 4m_{110}^{(21)}m_{120}^{(20)}m_{211}^{(22)}\\
&-2m_{110}^{(21)}m_{120}^{(20)}m_{103}^{(10)} - 2m_{110}^{(21)}m_{120}^{(20)}m_{013}^{(00)} + m_{110}^{(21)}m_{120}^{(21)}m_{301}^{(22)} - m_{110}^{(21)}m_{120}^{(21)}m_{103}^{(00)}\\
&-m_{110}^{(21)}m_{120}^{(22)}m_{301}^{(21)} - 4m_{110}^{(21)}m_{120}^{(22)}m_{211}^{(20)} + 2m_{110}^{(21)}m_{120}^{(22)}m_{202}^{(10)} + 3m_{110}^{(21)}m_{120}^{(22)}m_{112}^{(00)}\\
&+3m_{110}^{(21)}m_{111}^{(00)}m_{121}^{(22)} + 2m_{110}^{(21)}m_{111}^{(00)}m_{112}^{(21)} - m_{110}^{(21)}m_{111}^{(00)}m_{103}^{(11)} - 2m_{110}^{(21)}m_{111}^{(00)}m_{022}^{(20)}\\
&-2m_{110}^{(21)}m_{111}^{(00)}m_{013}^{(10)} - 6m_{110}^{(21)}m_{111}^{(10)}m_{211}^{(22)} + 4m_{110}^{(21)}m_{111}^{(10)}m_{202}^{(21)} + 2m_{110}^{(21)}m_{111}^{(10)}m_{013}^{(00)}\\
&-m_{110}^{(21)}m_{111}^{(11)}m_{301}^{(22)} + m_{110}^{(21)}m_{111}^{(11)}m_{103}^{(00)} + 2m_{110}^{(21)}m_{111}^{(20)}m_{220}^{(22)} - 4m_{110}^{(21)}m_{111}^{(20)}m_{211}^{(21)}\\
&-4m_{110}^{(21)}m_{111}^{(20)}m_{121}^{(20)} + 4m_{110}^{(21)}m_{111}^{(20)}m_{112}^{(10)} + 2m_{110}^{(21)}m_{111}^{(20)}m_{022}^{(00)} + 2m_{110}^{(21)}m_{111}^{(21)}m_{310}^{(22)}\\
&+8m_{110}^{(21)}m_{111}^{(21)}m_{211}^{(20)} - 4m_{110}^{(21)}m_{111}^{(21)}m_{202}^{(10)} - 6m_{110}^{(21)}m_{111}^{(21)}m_{112}^{(00)} - 2m_{110}^{(21)}m_{111}^{(22)}m_{310}^{(21)}\\
&+m_{110}^{(21)}m_{111}^{(22)}m_{301}^{(11)} - 2m_{110}^{(21)}m_{111}^{(22)}m_{220}^{(20)} + 2m_{110}^{(21)}m_{111}^{(22)}m_{211}^{(10)} + m_{110}^{(21)}m_{111}^{(22)}m_{121}^{(00)}\\
&-3m_{110}^{(21)}m_{102}^{(00)}m_{121}^{(21)} + m_{110}^{(21)}m_{102}^{(00)}m_{112}^{(11)} + 2m_{110}^{(21)}m_{102}^{(00)}m_{022}^{(10)} + 2m_{110}^{(21)}m_{102}^{(10)}m_{220}^{(22)}\\
&+4m_{110}^{(21)}m_{102}^{(10)}m_{211}^{(21)} - 2m_{110}^{(21)}m_{102}^{(10)}m_{202}^{(11)} + 2m_{110}^{(21)}m_{102}^{(10)}m_{121}^{(20)} - 4m_{110}^{(21)}m_{102}^{(10)}m_{112}^{(10)}\\
&-2m_{110}^{(21)}m_{102}^{(10)}m_{022}^{(00)} - 2m_{110}^{(21)}m_{102}^{(11)}m_{310}^{(22)} + m_{110}^{(21)}m_{102}^{(11)}m_{301}^{(21)} - 4m_{110}^{(21)}m_{102}^{(11)}m_{211}^{(20)}\\
&+2m_{110}^{(21)}m_{102}^{(11)}m_{202}^{(10)} + 3m_{110}^{(21)}m_{102}^{(11)}m_{112}^{(00)} - 4m_{110}^{(21)}m_{102}^{(20)}m_{220}^{(21)} + 2m_{110}^{(21)}m_{102}^{(20)}m_{211}^{(11)}\\
&+2m_{110}^{(21)}m_{102}^{(20)}m_{121}^{(10)} + 2m_{110}^{(21)}m_{102}^{(21)}m_{310}^{(21)} - m_{110}^{(21)}m_{102}^{(21)}m_{301}^{(11)} + 2m_{110}^{(21)}m_{102}^{(21)}m_{220}^{(20)}\\
&-2m_{110}^{(21)}m_{102}^{(21)}m_{211}^{(10)} - m_{110}^{(21)}m_{102}^{(21)}m_{121}^{(00)} + m_{110}^{(21)}m_{030}^{(00)}m_{202}^{(22)} - m_{110}^{(21)}m_{030}^{(00)}m_{103}^{(20)}\\
&-m_{110}^{(21)}m_{030}^{(20)}m_{301}^{(22)} + m_{110}^{(21)}m_{030}^{(20)}m_{103}^{(00)} + m_{110}^{(21)}m_{030}^{(22)}m_{301}^{(20)} - m_{110}^{(21)}m_{030}^{(22)}m_{202}^{(00)}\\
&+m_{110}^{(21)}m_{021}^{(00)}m_{211}^{(22)} - 2m_{110}^{(21)}m_{021}^{(00)}m_{202}^{(21)} + m_{110}^{(21)}m_{021}^{(00)}m_{103}^{(10)} + m_{110}^{(21)}m_{021}^{(10)}m_{301}^{(22)}\\
&-m_{110}^{(21)}m_{021}^{(10)}m_{103}^{(00)} - 2m_{110}^{(21)}m_{021}^{(20)}m_{310}^{(22)} + 2m_{110}^{(21)}m_{021}^{(20)}m_{301}^{(21)} - 2m_{110}^{(21)}m_{021}^{(21)}m_{301}^{(20)}\\
&+2m_{110}^{(21)}m_{021}^{(21)}m_{202}^{(00)} + 2m_{110}^{(21)}m_{021}^{(22)}m_{310}^{(20)} - m_{110}^{(21)}m_{021}^{(22)}m_{301}^{(10)} - m_{110}^{(21)}m_{021}^{(22)}m_{211}^{(00)}\\
&-2m_{110}^{(21)}m_{012}^{(00)}m_{220}^{(22)} + m_{110}^{(21)}m_{012}^{(00)}m_{202}^{(11)} + m_{110}^{(21)}m_{012}^{(00)}m_{121}^{(20)} + 2m_{110}^{(21)}m_{012}^{(10)}m_{310}^{(22)}\\
&-2m_{110}^{(21)}m_{012}^{(10)}m_{301}^{(21)} + m_{110}^{(21)}m_{012}^{(11)}m_{301}^{(20)} - m_{110}^{(21)}m_{012}^{(11)}m_{202}^{(00)} + 2m_{110}^{(21)}m_{012}^{(20)}m_{310}^{(21)}\\
&-m_{110}^{(21)}m_{012}^{(20)}m_{301}^{(11)} + 2m_{110}^{(21)}m_{012}^{(20)}m_{220}^{(20)} - 2m_{110}^{(21)}m_{012}^{(20)}m_{211}^{(10)} - m_{110}^{(21)}m_{012}^{(20)}m_{121}^{(00)}\\
&-4m_{110}^{(21)}m_{012}^{(21)}m_{310}^{(20)} + 2m_{110}^{(21)}m_{012}^{(21)}m_{301}^{(10)} + 2m_{110}^{(21)}m_{012}^{(21)}m_{211}^{(00)} + 2m_{110}^{(21)}m_{003}^{(00)}m_{220}^{(21)}\\
&-m_{110}^{(21)}m_{003}^{(00)}m_{211}^{(11)} - m_{110}^{(21)}m_{003}^{(00)}m_{121}^{(10)} - 2m_{110}^{(21)}m_{003}^{(10)}m_{310}^{(21)} + m_{110}^{(21)}m_{003}^{(10)}m_{301}^{(11)}\\
&-2m_{110}^{(21)}m_{003}^{(10)}m_{220}^{(20)} + 2m_{110}^{(21)}m_{003}^{(10)}m_{211}^{(10)} + m_{110}^{(21)}m_{003}^{(10)}m_{121}^{(00)} + 2m_{110}^{(21)}m_{003}^{(11)}m_{310}^{(20)}\\
&-m_{110}^{(21)}m_{003}^{(11)}m_{301}^{(10)} - m_{110}^{(21)}m_{003}^{(11)}m_{211}^{(00)} + 2m_{110}^{(22)}m_{300}^{(11)}m_{121}^{(22)} - m_{110}^{(22)}m_{300}^{(11)}m_{112}^{(21)}\\
&-m_{110}^{(22)}m_{300}^{(11)}m_{022}^{(20)} - 2m_{110}^{(22)}m_{300}^{(21)}m_{130}^{(22)} - m_{110}^{(22)}m_{300}^{(21)}m_{121}^{(21)} + m_{110}^{(22)}m_{300}^{(21)}m_{112}^{(11)}\\
&+m_{110}^{(22)}m_{300}^{(21)}m_{031}^{(20)} + m_{110}^{(22)}m_{300}^{(21)}m_{022}^{(10)} + 2m_{110}^{(22)}m_{300}^{(22)}m_{130}^{(21)} - m_{110}^{(22)}m_{300}^{(22)}m_{121}^{(11)}\\
&-m_{110}^{(22)}m_{300}^{(22)}m_{031}^{(10)} - 4m_{110}^{(22)}m_{210}^{(10)}m_{121}^{(22)} + 2m_{110}^{(22)}m_{210}^{(10)}m_{112}^{(21)} + 2m_{110}^{(22)}m_{210}^{(10)}m_{022}^{(20)}\\
&-2m_{110}^{(22)}m_{210}^{(11)}m_{211}^{(22)} + m_{110}^{(22)}m_{210}^{(11)}m_{202}^{(21)} + m_{110}^{(22)}m_{210}^{(11)}m_{112}^{(20)} + 2m_{110}^{(22)}m_{210}^{(20)}m_{130}^{(22)}\\
&+m_{110}^{(22)}m_{210}^{(20)}m_{121}^{(21)} - m_{110}^{(22)}m_{210}^{(20)}m_{112}^{(11)} - m_{110}^{(22)}m_{210}^{(20)}m_{031}^{(20)} - m_{110}^{(22)}m_{210}^{(20)}m_{022}^{(10)}\\
&+4m_{110}^{(22)}m_{210}^{(21)}m_{220}^{(22)} - m_{110}^{(22)}m_{210}^{(21)}m_{202}^{(11)} - 2m_{110}^{(22)}m_{210}^{(21)}m_{112}^{(10)} - m_{110}^{(22)}m_{210}^{(21)}m_{022}^{(00)}
\end{aligned}
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\begin{aligned}
&-4m_{110}^{(22)}m_{210}^{(22)}m_{220}^{(21)}+2m_{110}^{(22)}m_{210}^{(22)}m_{211}^{(11)}-2m_{110}^{(22)}m_{210}^{(22)}m_{130}^{(20)}+3m_{110}^{(22)}m_{210}^{(22)}m_{121}^{(10)}\\
&+m_{110}^{(22)}m_{210}^{(22)}m_{031}^{(00)}+2m_{110}^{(22)}m_{201}^{(10)}m_{130}^{(22)}+m_{110}^{(22)}m_{201}^{(10)}m_{121}^{(21)}-m_{110}^{(22)}m_{201}^{(10)}m_{112}^{(11)}\\
&-m_{110}^{(22)}m_{201}^{(10)}m_{031}^{(20)}-m_{110}^{(22)}m_{201}^{(10)}m_{022}^{(10)}-2m_{110}^{(22)}m_{201}^{(11)}m_{220}^{(22)}+m_{110}^{(22)}m_{201}^{(11)}m_{211}^{(21)}\\
&-m_{110}^{(22)}m_{201}^{(11)}m_{121}^{(20)}+m_{110}^{(22)}m_{201}^{(11)}m_{112}^{(10)}+m_{110}^{(22)}m_{201}^{(11)}m_{022}^{(00)}-4m_{110}^{(22)}m_{201}^{(20)}m_{130}^{(21)}\\
&+2m_{110}^{(22)}m_{201}^{(20)}m_{121}^{(11)}+2m_{110}^{(22)}m_{201}^{(20)}m_{031}^{(10)}+2m_{110}^{(22)}m_{201}^{(21)}m_{220}^{(21)}-m_{110}^{(22)}m_{201}^{(21)}m_{211}^{(11)}\\
&+2m_{110}^{(22)}m_{201}^{(21)}m_{130}^{(20)}-2m_{110}^{(22)}m_{201}^{(21)}m_{121}^{(10)}-m_{110}^{(22)}m_{201}^{(21)}m_{031}^{(00)}+2m_{110}^{(22)}m_{110}^{(00)}m_{121}^{(22)}\\
&-m_{110}^{(22)}m_{120}^{(00)}m_{112}^{(21)}-m_{110}^{(22)}m_{120}^{(00)}m_{022}^{(20)}+4m_{110}^{(22)}m_{120}^{(10)}m_{211}^{(22)}-2m_{110}^{(22)}m_{120}^{(10)}m_{202}^{(21)}\\
&-2m_{110}^{(22)}m_{120}^{(10)}m_{112}^{(20)}-4m_{110}^{(22)}m_{120}^{(20)}m_{220}^{(22)}+m_{110}^{(22)}m_{120}^{(20)}m_{202}^{(11)}+2m_{110}^{(22)}m_{120}^{(20)}m_{112}^{(10)}\\
&+m_{110}^{(22)}m_{120}^{(20)}m_{022}^{(00)}-2m_{110}^{(22)}m_{120}^{(21)}m_{310}^{(22)}+m_{110}^{(22)}m_{120}^{(21)}m_{301}^{(21)}-m_{110}^{(22)}m_{120}^{(21)}m_{211}^{(20)}\\
&+m_{110}^{(22)}m_{120}^{(21)}m_{202}^{(10)}+m_{110}^{(22)}m_{120}^{(21)}m_{112}^{(00)}+2m_{110}^{(22)}m_{120}^{(22)}m_{310}^{(21)}-m_{110}^{(22)}m_{120}^{(22)}m_{301}^{(11)}\\
&+4m_{110}^{(22)}m_{120}^{(22)}m_{220}^{(20)}-3m_{110}^{(22)}m_{120}^{(22)}m_{211}^{(10)}-2m_{110}^{(22)}m_{120}^{(22)}m_{121}^{(00)}-2m_{110}^{(22)}m_{111}^{(00)}m_{130}^{(22)}\\
&-m_{110}^{(22)}m_{111}^{(00)}m_{121}^{(21)}+m_{110}^{(22)}m_{111}^{(00)}m_{112}^{(11)}+m_{110}^{(22)}m_{111}^{(00)}m_{031}^{(20)}+m_{110}^{(22)}m_{111}^{(00)}m_{022}^{(10)}\\
&-2m_{110}^{(22)}m_{111}^{(10)}m_{211}^{(21)}+m_{110}^{(22)}m_{111}^{(10)}m_{202}^{(11)}+2m_{110}^{(22)}m_{111}^{(10)}m_{121}^{(20)}-m_{110}^{(22)}m_{111}^{(10)}m_{022}^{(00)}\\
&+2m_{110}^{(22)}m_{111}^{(11)}m_{310}^{(22)}-m_{110}^{(22)}m_{111}^{(11)}m_{301}^{(21)}+m_{110}^{(22)}m_{111}^{(11)}m_{211}^{(20)}-m_{110}^{(22)}m_{111}^{(11)}m_{202}^{(10)}\\
&-m_{110}^{(22)}m_{111}^{(11)}m_{112}^{(00)}+6m_{110}^{(22)}m_{111}^{(20)}m_{220}^{(21)}-3m_{110}^{(22)}m_{111}^{(20)}m_{211}^{(11)}+2m_{110}^{(22)}m_{111}^{(20)}m_{130}^{(20)}\\
&-4m_{110}^{(22)}m_{111}^{(20)}m_{121}^{(10)}-m_{110}^{(22)}m_{111}^{(20)}m_{031}^{(00)}-2m_{110}^{(22)}m_{111}^{(21)}m_{310}^{(21)}+m_{110}^{(22)}m_{111}^{(21)}m_{301}^{(11)}\\
&-6m_{110}^{(22)}m_{111}^{(21)}m_{220}^{(20)}+4m_{110}^{(22)}m_{111}^{(21)}m_{211}^{(10)}+3m_{110}^{(22)}m_{111}^{(21)}m_{121}^{(00)}+2m_{110}^{(22)}m_{102}^{(00)}m_{130}^{(21)}\\
&-m_{110}^{(22)}m_{102}^{(00)}m_{121}^{(11)}-m_{110}^{(22)}m_{102}^{(00)}m_{031}^{(10)}-2m_{110}^{(22)}m_{102}^{(10)}m_{220}^{(21)}+m_{110}^{(22)}m_{102}^{(10)}m_{211}^{(11)}\\
&-2m_{110}^{(22)}m_{102}^{(10)}m_{130}^{(20)}+2m_{110}^{(22)}m_{102}^{(10)}m_{121}^{(10)}+m_{110}^{(22)}m_{102}^{(10)}m_{031}^{(00)}+2m_{110}^{(22)}m_{102}^{(11)}m_{220}^{(20)}\\
&-m_{110}^{(22)}m_{102}^{(11)}m_{211}^{(10)}-m_{110}^{(22)}m_{102}^{(11)}m_{121}^{(00)}-2m_{110}^{(22)}m_{030}^{(00)}m_{211}^{(22)}+m_{110}^{(22)}m_{030}^{(00)}m_{202}^{(21)}\\
&+m_{110}^{(22)}m_{030}^{(00)}m_{112}^{(20)}+2m_{110}^{(22)}m_{030}^{(20)}m_{310}^{(22)}-m_{110}^{(22)}m_{030}^{(20)}m_{301}^{(21)}+m_{110}^{(22)}m_{030}^{(20)}m_{211}^{(20)}\\
&-m_{110}^{(22)}m_{030}^{(20)}m_{202}^{(10)}-m_{110}^{(22)}m_{030}^{(20)}m_{112}^{(00)}-2m_{110}^{(22)}m_{030}^{(22)}m_{310}^{(20)}+m_{110}^{(22)}m_{030}^{(22)}m_{301}^{(10)}\\
&+m_{110}^{(22)}m_{030}^{(22)}m_{211}^{(00)}+2m_{110}^{(22)}m_{021}^{(00)}m_{220}^{(22)}+m_{110}^{(22)}m_{021}^{(00)}m_{211}^{(21)}-m_{110}^{(22)}m_{021}^{(00)}m_{202}^{(11)}\\
&-m_{110}^{(22)}m_{021}^{(00)}m_{121}^{(20)}-m_{110}^{(22)}m_{021}^{(00)}m_{112}^{(10)}-2m_{110}^{(22)}m_{021}^{(10)}m_{310}^{(22)}+m_{110}^{(22)}m_{021}^{(10)}m_{301}^{(21)}\\
&-m_{110}^{(22)}m_{021}^{(10)}m_{211}^{(20)}+m_{110}^{(22)}m_{021}^{(10)}m_{202}^{(10)}+m_{110}^{(22)}m_{021}^{(10)}m_{112}^{(00)}-2m_{110}^{(22)}m_{021}^{(20)}m_{310}^{(21)}\\
&+m_{110}^{(22)}m_{021}^{(20)}m_{301}^{(11)}-2m_{110}^{(22)}m_{021}^{(20)}m_{220}^{(20)}+2m_{110}^{(22)}m_{021}^{(20)}m_{211}^{(10)}+m_{110}^{(22)}m_{021}^{(20)}m_{121}^{(00)}\\
&+4m_{110}^{(22)}m_{021}^{(21)}m_{310}^{(20)}-2m_{110}^{(22)}m_{021}^{(21)}m_{301}^{(10)}-2m_{110}^{(22)}m_{021}^{(21)}m_{211}^{(00)}-2m_{110}^{(22)}m_{012}^{(00)}m_{220}^{(21)}\\
&+m_{110}^{(22)}m_{012}^{(00)}m_{211}^{(11)}+m_{110}^{(22)}m_{012}^{(00)}m_{121}^{(10)}+2m_{110}^{(22)}m_{012}^{(10)}m_{310}^{(21)}-m_{110}^{(22)}m_{012}^{(10)}m_{301}^{(11)}\\
&+2m_{110}^{(22)}m_{012}^{(10)}m_{220}^{(20)}-2m_{110}^{(22)}m_{012}^{(10)}m_{211}^{(10)}-m_{110}^{(22)}m_{012}^{(10)}m_{121}^{(00)}-2m_{110}^{(22)}m_{012}^{(11)}m_{310}^{(20)}\\
&+m_{110}^{(22)}m_{012}^{(11)}m_{301}^{(10)}+m_{110}^{(22)}m_{012}^{(11)}m_{211}^{(00)}+m_{101}^{(00)}m_{210}^{(11)}m_{022}^{(22)}-m_{101}^{(00)}m_{210}^{(11)}m_{013}^{(21)}\\
&-m_{101}^{(00)}m_{210}^{(21)}m_{031}^{(22)}+m_{101}^{(00)}m_{210}^{(21)}m_{013}^{(11)}+m_{101}^{(00)}m_{210}^{(22)}m_{031}^{(21)}-m_{101}^{(00)}m_{210}^{(22)}m_{022}^{(11)}\\
&-m_{101}^{(00)}m_{201}^{(11)}m_{031}^{(22)}+m_{101}^{(00)}m_{201}^{(11)}m_{022}^{(21)}+m_{101}^{(00)}m_{201}^{(21)}m_{040}^{(22)}-m_{101}^{(00)}m_{201}^{(21)}m_{022}^{(11)}\\
&-m_{101}^{(00)}m_{201}^{(22)}m_{040}^{(21)}+m_{101}^{(00)}m_{201}^{(22)}m_{031}^{(11)}-2m_{101}^{(00)}m_{120}^{(10)}m_{022}^{(22)}+2m_{101}^{(00)}m_{120}^{(10)}m_{013}^{(21)}\\
&+m_{101}^{(00)}m_{120}^{(20)}m_{031}^{(22)}-m_{101}^{(00)}m_{120}^{(20)}m_{013}^{(11)}+m_{101}^{(00)}m_{120}^{(21)}m_{121}^{(22)}-m_{101}^{(00)}m_{120}^{(21)}m_{112}^{(21)}\\
&+m_{101}^{(00)}m_{120}^{(21)}m_{022}^{(20)}-m_{101}^{(00)}m_{120}^{(21)}m_{013}^{(10)}-m_{101}^{(00)}m_{120}^{(22)}m_{121}^{(21)}+m_{101}^{(00)}m_{120}^{(22)}m_{112}^{(11)}\\
&-m_{101}^{(00)}m_{120}^{(22)}m_{031}^{(20)}+m_{101}^{(00)}m_{120}^{(22)}m_{022}^{(10)}+3m_{101}^{(00)}m_{111}^{(10)}m_{031}^{(22)}-2m_{101}^{(00)}m_{111}^{(10)}m_{022}^{(21)}\\
&-m_{101}^{(00)}m_{111}^{(10)}m_{013}^{(11)}-m_{101}^{(00)}m_{111}^{(11)}m_{121}^{(22)}+m_{101}^{(00)}m_{111}^{(11)}m_{112}^{(21)}-m_{101}^{(00)}m_{111}^{(11)}m_{022}^{(20)}\\
&+m_{101}^{(00)}m_{111}^{(11)}m_{013}^{(10)}-m_{101}^{(00)}m_{111}^{(20)}m_{040}^{(22)}-2m_{101}^{(00)}m_{111}^{(20)}m_{031}^{(21)}+3m_{101}^{(00)}m_{111}^{(20)}m_{022}^{(11)}
\end{aligned}
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\begin{aligned}
&-m_{101}^{(00)}m_{111}^{(21)}m_{130}^{(22)} + 2m_{101}^{(00)}m_{111}^{(21)}m_{121}^{(21)} - m_{101}^{(00)}m_{111}^{(21)}m_{112}^{(11)} + m_{101}^{(00)}m_{111}^{(22)}m_{130}^{(21)}\\
&-m_{101}^{(00)}m_{111}^{(22)}m_{121}^{(11)} + m_{101}^{(00)}m_{111}^{(22)}m_{040}^{(20)} - m_{101}^{(00)}m_{111}^{(22)}m_{031}^{(10)} - m_{101}^{(00)}m_{102}^{(10)}m_{040}^{(22)}\\
&+m_{101}^{(00)}m_{102}^{(10)}m_{022}^{(11)} + m_{101}^{(00)}m_{102}^{(11)}m_{130}^{(22)} - m_{101}^{(00)}m_{102}^{(11)}m_{121}^{(21)} + m_{101}^{(00)}m_{102}^{(11)}m_{031}^{(20)}\\
&-m_{101}^{(00)}m_{102}^{(11)}m_{022}^{(10)} + 2m_{101}^{(00)}m_{102}^{(20)}m_{040}^{(21)} - 2m_{101}^{(00)}m_{102}^{(20)}m_{031}^{(11)} - m_{101}^{(00)}m_{102}^{(21)}m_{130}^{(21)}\\
&+m_{101}^{(00)}m_{102}^{(21)}m_{121}^{(11)} - m_{101}^{(00)}m_{102}^{(21)}m_{040}^{(20)} + m_{101}^{(00)}m_{102}^{(21)}m_{031}^{(10)} + m_{101}^{(00)}m_{030}^{(00)}m_{022}^{(22)}\\
&-m_{101}^{(00)}m_{030}^{(00)}m_{013}^{(21)} - m_{101}^{(00)}m_{030}^{(20)}m_{121}^{(22)} + m_{101}^{(00)}m_{030}^{(20)}m_{112}^{(21)} - m_{101}^{(00)}m_{030}^{(20)}m_{022}^{(20)}\\
&+m_{101}^{(00)}m_{030}^{(20)}m_{013}^{(10)} + m_{101}^{(00)}m_{030}^{(22)}m_{121}^{(20)} - m_{101}^{(00)}m_{030}^{(22)}m_{112}^{(10)} - 2m_{101}^{(00)}m_{021}^{(00)}m_{031}^{(22)}\\
&+m_{101}^{(00)}m_{021}^{(00)}m_{022}^{(21)} + m_{101}^{(00)}m_{021}^{(00)}m_{013}^{(11)} + m_{101}^{(00)}m_{021}^{(10)}m_{121}^{(22)} - m_{101}^{(00)}m_{021}^{(10)}m_{112}^{(21)}\\
&+m_{101}^{(00)}m_{021}^{(10)}m_{022}^{(20)} - m_{101}^{(00)}m_{021}^{(10)}m_{013}^{(10)} + m_{101}^{(00)}m_{021}^{(20)}m_{130}^{(22)} - m_{101}^{(00)}m_{021}^{(20)}m_{112}^{(11)}\\
&+2m_{101}^{(00)}m_{021}^{(20)}m_{031}^{(20)} - 2m_{101}^{(00)}m_{021}^{(20)}m_{022}^{(10)} - 2m_{101}^{(00)}m_{021}^{(21)}m_{121}^{(20)} + 2m_{101}^{(00)}m_{021}^{(21)}m_{112}^{(10)}\\
&-m_{101}^{(00)}m_{021}^{(22)}m_{130}^{(20)} + m_{101}^{(00)}m_{021}^{(22)}m_{121}^{(10)} + m_{101}^{(00)}m_{012}^{(00)}m_{040}^{(22)} + m_{101}^{(00)}m_{012}^{(00)}m_{031}^{(21)}\\
&-2m_{101}^{(00)}m_{012}^{(00)}m_{022}^{(11)} - m_{101}^{(00)}m_{012}^{(10)}m_{130}^{(22)} + m_{101}^{(00)}m_{012}^{(10)}m_{112}^{(11)} - 2m_{101}^{(00)}m_{012}^{(10)}m_{031}^{(20)}\\
&+2m_{101}^{(00)}m_{012}^{(10)}m_{022}^{(10)} + m_{101}^{(00)}m_{012}^{(11)}m_{121}^{(20)} - m_{101}^{(00)}m_{012}^{(11)}m_{112}^{(10)} - m_{101}^{(00)}m_{012}^{(20)}m_{130}^{(21)}\\
&+m_{101}^{(00)}m_{012}^{(20)}m_{121}^{(11)} - m_{101}^{(00)}m_{012}^{(20)}m_{040}^{(20)} + m_{101}^{(00)}m_{012}^{(20)}m_{031}^{(10)} + 2m_{101}^{(00)}m_{012}^{(21)}m_{130}^{(20)}\\
&-2m_{101}^{(00)}m_{012}^{(21)}m_{121}^{(10)} - m_{101}^{(00)}m_{003}^{(00)}m_{040}^{(21)} + m_{101}^{(00)}m_{003}^{(00)}m_{031}^{(11)} + m_{101}^{(00)}m_{003}^{(10)}m_{130}^{(21)}\\
&-m_{101}^{(00)}m_{003}^{(10)}m_{121}^{(11)} + m_{101}^{(00)}m_{003}^{(10)}m_{040}^{(20)} - m_{101}^{(00)}m_{003}^{(10)}m_{031}^{(10)} - m_{101}^{(00)}m_{003}^{(11)}m_{130}^{(20)}\\
&+m_{101}^{(00)}m_{003}^{(11)}m_{121}^{(10)} - m_{101}^{(10)}m_{300}^{(11)}m_{022}^{(22)} + m_{101}^{(10)}m_{300}^{(11)}m_{013}^{(21)} + m_{101}^{(10)}m_{300}^{(21)}m_{031}^{(22)}\\
&-m_{101}^{(10)}m_{300}^{(21)}m_{013}^{(11)} - m_{101}^{(10)}m_{300}^{(22)}m_{031}^{(21)} + m_{101}^{(10)}m_{300}^{(22)}m_{022}^{(11)} + 2m_{101}^{(10)}m_{210}^{(10)}m_{022}^{(22)}\\
&-2m_{101}^{(10)}m_{210}^{(10)}m_{013}^{(21)} - m_{101}^{(10)}m_{210}^{(11)}m_{112}^{(22)} + 2m_{101}^{(10)}m_{210}^{(11)}m_{103}^{(21)} - m_{101}^{(10)}m_{210}^{(11)}m_{013}^{(20)}\\
&-m_{101}^{(10)}m_{210}^{(20)}m_{031}^{(22)} + m_{101}^{(10)}m_{210}^{(20)}m_{013}^{(11)} - 2m_{101}^{(10)}m_{210}^{(21)}m_{103}^{(11)} + 2m_{101}^{(10)}m_{210}^{(21)}m_{013}^{(10)}\\
&+m_{101}^{(10)}m_{210}^{(22)}m_{112}^{(11)} + m_{101}^{(10)}m_{210}^{(22)}m_{031}^{(20)} - 2m_{101}^{(10)}m_{210}^{(22)}m_{022}^{(10)} - m_{101}^{(10)}m_{201}^{(10)}m_{031}^{(22)}\\
&+m_{101}^{(10)}m_{201}^{(10)}m_{013}^{(11)} + 3m_{101}^{(10)}m_{201}^{(11)}m_{121}^{(22)} - 4m_{101}^{(10)}m_{201}^{(11)}m_{112}^{(21)} + 2m_{101}^{(10)}m_{201}^{(11)}m_{022}^{(20)}\\
&-m_{101}^{(10)}m_{201}^{(11)}m_{013}^{(10)} + 2m_{101}^{(10)}m_{201}^{(20)}m_{031}^{(21)} - 2m_{101}^{(10)}m_{201}^{(20)}m_{022}^{(11)} - 2m_{101}^{(10)}m_{201}^{(21)}m_{130}^{(22)}\\
&+4m_{101}^{(10)}m_{201}^{(21)}m_{112}^{(11)} - 2m_{101}^{(10)}m_{201}^{(21)}m_{031}^{(20)} + 2m_{101}^{(10)}m_{201}^{(22)}m_{130}^{(21)} - 3m_{101}^{(10)}m_{201}^{(22)}m_{121}^{(11)}\\
&+m_{101}^{(10)}m_{201}^{(22)}m_{031}^{(10)} - m_{101}^{(10)}m_{120}^{(00)}m_{022}^{(22)} + m_{101}^{(10)}m_{120}^{(00)}m_{013}^{(21)} + 2m_{101}^{(10)}m_{120}^{(10)}m_{112}^{(22)}\\
&-4m_{101}^{(10)}m_{120}^{(10)}m_{103}^{(21)} + 2m_{101}^{(10)}m_{120}^{(10)}m_{013}^{(20)} + 2m_{101}^{(10)}m_{120}^{(20)}m_{103}^{(11)} - 2m_{101}^{(10)}m_{120}^{(20)}m_{013}^{(10)}\\
&-m_{101}^{(10)}m_{120}^{(21)}m_{211}^{(22)} + 2m_{101}^{(10)}m_{120}^{(21)}m_{202}^{(21)} - 2m_{101}^{(10)}m_{120}^{(21)}m_{112}^{(20)} + 2m_{101}^{(10)}m_{120}^{(21)}m_{103}^{(10)}\\
&-m_{101}^{(10)}m_{120}^{(21)}m_{013}^{(00)} + m_{101}^{(10)}m_{120}^{(22)}m_{211}^{(21)} - 2m_{101}^{(10)}m_{120}^{(22)}m_{202}^{(11)} + m_{101}^{(10)}m_{120}^{(22)}m_{022}^{(00)}\\
&+m_{101}^{(10)}m_{111}^{(00)}m_{031}^{(22)} - m_{101}^{(10)}m_{111}^{(00)}m_{013}^{(11)} - 6m_{101}^{(10)}m_{111}^{(10)}m_{121}^{(22)} + 8m_{101}^{(10)}m_{111}^{(10)}m_{112}^{(21)}\\
&+2m_{101}^{(10)}m_{111}^{(10)}m_{103}^{(11)} - 4m_{101}^{(10)}m_{111}^{(10)}m_{022}^{(20)} + m_{101}^{(10)}m_{111}^{(11)}m_{211}^{(22)} - 2m_{101}^{(10)}m_{111}^{(11)}m_{202}^{(21)}\\
&+2m_{101}^{(10)}m_{111}^{(11)}m_{112}^{(20)} - 2m_{101}^{(10)}m_{111}^{(11)}m_{103}^{(10)} + m_{101}^{(10)}m_{111}^{(11)}m_{013}^{(00)} + 2m_{101}^{(10)}m_{111}^{(20)}m_{130}^{(22)}\\
&-6m_{101}^{(10)}m_{111}^{(20)}m_{112}^{(11)} + 4m_{101}^{(10)}m_{111}^{(20)}m_{022}^{(10)} + 2m_{101}^{(10)}m_{111}^{(21)}m_{220}^{(22)} - 4m_{101}^{(10)}m_{111}^{(21)}m_{211}^{(21)}\\
&+2m_{101}^{(10)}m_{111}^{(21)}m_{202}^{(11)} + 4m_{101}^{(10)}m_{111}^{(21)}m_{121}^{(20)} - 4m_{101}^{(10)}m_{111}^{(21)}m_{112}^{(10)} - 2m_{101}^{(10)}m_{111}^{(22)}m_{220}^{(21)}\\
&+3m_{101}^{(10)}m_{111}^{(22)}m_{211}^{(11)} - 2m_{101}^{(10)}m_{111}^{(22)}m_{130}^{(20)} + 2m_{101}^{(10)}m_{111}^{(22)}m_{121}^{(10)} - m_{101}^{(10)}m_{111}^{(22)}m_{031}^{(00)}\\
&-m_{101}^{(10)}m_{102}^{(00)}m_{031}^{(21)} + m_{101}^{(10)}m_{102}^{(00)}m_{022}^{(11)} + 2m_{101}^{(10)}m_{102}^{(10)}m_{130}^{(22)} - 4m_{101}^{(10)}m_{102}^{(10)}m_{112}^{(11)}\\
&+2m_{101}^{(10)}m_{102}^{(10)}m_{031}^{(20)} - 2m_{101}^{(10)}m_{102}^{(11)}m_{220}^{(22)} + 3m_{101}^{(10)}m_{102}^{(11)}m_{211}^{(21)} - 4m_{101}^{(10)}m_{102}^{(11)}m_{121}^{(20)}\\
&+4m_{101}^{(10)}m_{102}^{(11)}m_{112}^{(10)} - m_{101}^{(10)}m_{102}^{(11)}m_{022}^{(00)} - 4m_{101}^{(10)}m_{102}^{(20)}m_{130}^{(21)} + 6m_{101}^{(10)}m_{102}^{(20)}m_{121}^{(11)}\\
&-2m_{101}^{(10)}m_{102}^{(20)}m_{031}^{(10)} + 2m_{101}^{(10)}m_{102}^{(21)}m_{220}^{(21)} - 3m_{101}^{(10)}m_{102}^{(21)}m_{211}^{(11)} + 2m_{101}^{(10)}m_{102}^{(21)}m_{130}^{(20)}
\end{aligned}
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\begin{aligned}
&-2m_{101}^{(10)}m_{102}^{(21)}m_{121}^{(10)}+m_{101}^{(10)}m_{102}^{(21)}m_{031}^{(00)}-m_{101}^{(10)}m_{030}^{(00)}m_{112}^{(22)}+2m_{101}^{(10)}m_{030}^{(00)}m_{103}^{(21)}\\
&-m_{101}^{(10)}m_{030}^{(00)}m_{013}^{(20)}+m_{101}^{(10)}m_{030}^{(20)}m_{211}^{(22)}-2m_{101}^{(10)}m_{030}^{(20)}m_{202}^{(21)}+2m_{101}^{(10)}m_{030}^{(20)}m_{112}^{(20)}\\
&-2m_{101}^{(10)}m_{030}^{(20)}m_{103}^{(10)}+m_{101}^{(10)}m_{030}^{(20)}m_{013}^{(00)}-m_{101}^{(10)}m_{030}^{(22)}m_{211}^{(20)}+2m_{101}^{(10)}m_{030}^{(22)}m_{202}^{(10)}\\
&-m_{101}^{(10)}m_{030}^{(22)}m_{112}^{(00)}+3m_{101}^{(10)}m_{021}^{(00)}m_{121}^{(22)}-4m_{101}^{(10)}m_{021}^{(00)}m_{112}^{(21)}-2m_{101}^{(10)}m_{021}^{(00)}m_{103}^{(11)}\\
&+2m_{101}^{(10)}m_{021}^{(00)}m_{022}^{(20)}+m_{101}^{(10)}m_{021}^{(00)}m_{013}^{(10)}-m_{101}^{(10)}m_{021}^{(10)}m_{211}^{(22)}+2m_{101}^{(10)}m_{021}^{(10)}m_{202}^{(21)}\\
&-2m_{101}^{(10)}m_{021}^{(10)}m_{112}^{(20)}+2m_{101}^{(10)}m_{021}^{(10)}m_{103}^{(10)}-m_{101}^{(10)}m_{021}^{(10)}m_{013}^{(00)}-2m_{101}^{(10)}m_{021}^{(20)}m_{220}^{(22)}\\
&+2m_{101}^{(10)}m_{021}^{(20)}m_{211}^{(21)}+2m_{101}^{(10)}m_{021}^{(20)}m_{202}^{(11)}-4m_{101}^{(10)}m_{021}^{(20)}m_{121}^{(20)}+4m_{101}^{(10)}m_{021}^{(20)}m_{112}^{(10)}\\
&-2m_{101}^{(10)}m_{021}^{(20)}m_{022}^{(00)}+2m_{101}^{(10)}m_{021}^{(21)}m_{211}^{(20)}-4m_{101}^{(10)}m_{021}^{(21)}m_{202}^{(10)}+2m_{101}^{(10)}m_{021}^{(21)}m_{112}^{(00)}\\
&+2m_{101}^{(10)}m_{021}^{(22)}m_{220}^{(20)}-3m_{101}^{(10)}m_{021}^{(22)}m_{211}^{(10)}+m_{101}^{(10)}m_{021}^{(22)}m_{121}^{(00)}-2m_{101}^{(10)}m_{012}^{(00)}m_{130}^{(22)}\\
&+5m_{101}^{(10)}m_{012}^{(00)}m_{112}^{(11)}-m_{101}^{(10)}m_{012}^{(00)}m_{031}^{(20)}-2m_{101}^{(10)}m_{012}^{(00)}m_{022}^{(10)}+2m_{101}^{(10)}m_{012}^{(10)}m_{220}^{(22)}\\
&-2m_{101}^{(10)}m_{012}^{(10)}m_{211}^{(21)}-2m_{101}^{(10)}m_{012}^{(10)}m_{202}^{(11)}+4m_{101}^{(10)}m_{012}^{(10)}m_{121}^{(20)}-4m_{101}^{(10)}m_{012}^{(10)}m_{112}^{(10)}\\
&+2m_{101}^{(10)}m_{012}^{(10)}m_{022}^{(00)}-m_{101}^{(10)}m_{012}^{(11)}m_{211}^{(20)}+2m_{101}^{(10)}m_{012}^{(11)}m_{202}^{(10)}-m_{101}^{(10)}m_{012}^{(11)}m_{112}^{(00)}\\
&+2m_{101}^{(10)}m_{012}^{(20)}m_{220}^{(21)}-3m_{101}^{(10)}m_{012}^{(20)}m_{211}^{(11)}+2m_{101}^{(10)}m_{012}^{(20)}m_{130}^{(20)}-2m_{101}^{(10)}m_{012}^{(20)}m_{121}^{(10)}\\
&+m_{101}^{(10)}m_{012}^{(20)}m_{031}^{(00)}-4m_{101}^{(10)}m_{012}^{(21)}m_{220}^{(20)}+6m_{101}^{(10)}m_{012}^{(21)}m_{211}^{(10)}-2m_{101}^{(10)}m_{012}^{(21)}m_{121}^{(00)}\\
&+2m_{101}^{(10)}m_{003}^{(00)}m_{130}^{(21)}-3m_{101}^{(10)}m_{003}^{(00)}m_{121}^{(11)}+m_{101}^{(10)}m_{003}^{(00)}m_{031}^{(10)}-2m_{101}^{(10)}m_{003}^{(10)}m_{220}^{(21)}\\
&+3m_{101}^{(10)}m_{003}^{(10)}m_{211}^{(11)}-2m_{101}^{(10)}m_{003}^{(10)}m_{130}^{(20)}+2m_{101}^{(10)}m_{003}^{(10)}m_{121}^{(10)}-m_{101}^{(10)}m_{003}^{(10)}m_{031}^{(00)}\\
&+2m_{101}^{(10)}m_{003}^{(11)}m_{220}^{(20)}-3m_{101}^{(10)}m_{003}^{(11)}m_{211}^{(10)}+m_{101}^{(10)}m_{003}^{(11)}m_{121}^{(00)}+m_{101}^{(11)}m_{300}^{(11)}m_{112}^{(22)}\\
&-2m_{101}^{(11)}m_{300}^{(11)}m_{103}^{(21)}+m_{101}^{(11)}m_{300}^{(11)}m_{013}^{(20)}-m_{101}^{(11)}m_{300}^{(21)}m_{121}^{(22)}+m_{101}^{(11)}m_{300}^{(21)}m_{112}^{(21)}\\
&+2m_{101}^{(11)}m_{300}^{(21)}m_{103}^{(11)}-m_{101}^{(11)}m_{300}^{(21)}m_{022}^{(20)}-m_{101}^{(11)}m_{300}^{(21)}m_{013}^{(10)}+m_{101}^{(11)}m_{300}^{(22)}m_{121}^{(21)}\\
&-2m_{101}^{(11)}m_{300}^{(22)}m_{112}^{(11)}+m_{101}^{(11)}m_{300}^{(22)}m_{022}^{(10)}-2m_{101}^{(11)}m_{210}^{(11)}m_{112}^{(22)}+4m_{101}^{(11)}m_{210}^{(11)}m_{103}^{(21)}\\
&-2m_{101}^{(11)}m_{210}^{(11)}m_{013}^{(20)}+m_{101}^{(11)}m_{210}^{(20)}m_{121}^{(22)}-m_{101}^{(11)}m_{210}^{(20)}m_{112}^{(21)}-2m_{101}^{(11)}m_{210}^{(20)}m_{103}^{(11)}\\
&+m_{101}^{(11)}m_{210}^{(20)}m_{022}^{(20)}+m_{101}^{(11)}m_{210}^{(20)}m_{013}^{(10)}+m_{101}^{(11)}m_{210}^{(21)}m_{211}^{(22)}-2m_{101}^{(11)}m_{210}^{(21)}m_{202}^{(21)}\\
&+2m_{101}^{(11)}m_{210}^{(21)}m_{112}^{(20)}-2m_{101}^{(11)}m_{210}^{(21)}m_{103}^{(10)}+m_{101}^{(11)}m_{210}^{(21)}m_{013}^{(00)}-m_{101}^{(11)}m_{210}^{(22)}m_{211}^{(21)}\\
&+2m_{101}^{(11)}m_{210}^{(22)}m_{202}^{(11)}-m_{101}^{(11)}m_{210}^{(22)}m_{121}^{(20)}+m_{101}^{(11)}m_{210}^{(22)}m_{112}^{(10)}-m_{101}^{(11)}m_{210}^{(22)}m_{022}^{(00)}\\
&+m_{101}^{(11)}m_{201}^{(10)}m_{121}^{(22)}-m_{101}^{(11)}m_{201}^{(10)}m_{112}^{(21)}-2m_{101}^{(11)}m_{201}^{(10)}m_{103}^{(11)}+m_{101}^{(11)}m_{201}^{(10)}m_{022}^{(20)}\\
&+m_{101}^{(11)}m_{201}^{(10)}m_{013}^{(10)}-2m_{101}^{(11)}m_{201}^{(11)}m_{211}^{(22)}+4m_{101}^{(11)}m_{201}^{(11)}m_{202}^{(21)}-3m_{101}^{(11)}m_{201}^{(11)}m_{112}^{(20)}\\
&+2m_{101}^{(11)}m_{201}^{(11)}m_{103}^{(10)}-m_{101}^{(11)}m_{201}^{(11)}m_{013}^{(00)}-2m_{101}^{(11)}m_{201}^{(20)}m_{121}^{(21)}+4m_{101}^{(11)}m_{201}^{(20)}m_{112}^{(11)}\\
&-2m_{101}^{(11)}m_{201}^{(20)}m_{022}^{(10)}+m_{101}^{(11)}m_{201}^{(21)}m_{220}^{(22)}-4m_{101}^{(11)}m_{201}^{(21)}m_{202}^{(11)}+2m_{101}^{(11)}m_{201}^{(21)}m_{121}^{(20)}\\
&+m_{101}^{(11)}m_{201}^{(21)}m_{022}^{(00)}-m_{101}^{(11)}m_{201}^{(22)}m_{220}^{(21)}+2m_{101}^{(11)}m_{201}^{(22)}m_{211}^{(11)}-m_{101}^{(11)}m_{201}^{(22)}m_{121}^{(10)}\\
&+m_{101}^{(11)}m_{120}^{(00)}m_{112}^{(22)}-2m_{101}^{(11)}m_{120}^{(00)}m_{103}^{(21)}+m_{101}^{(11)}m_{120}^{(00)}m_{013}^{(20)}-m_{101}^{(11)}m_{120}^{(20)}m_{211}^{(22)}\\
&+2m_{101}^{(11)}m_{120}^{(20)}m_{202}^{(21)}-2m_{101}^{(11)}m_{120}^{(20)}m_{112}^{(20)}+2m_{101}^{(11)}m_{120}^{(20)}m_{103}^{(10)}-m_{101}^{(11)}m_{120}^{(20)}m_{013}^{(00)}\\
&+m_{101}^{(11)}m_{120}^{(22)}m_{211}^{(20)}-2m_{101}^{(11)}m_{120}^{(22)}m_{202}^{(10)}+m_{101}^{(11)}m_{120}^{(22)}m_{112}^{(00)}-m_{101}^{(11)}m_{111}^{(00)}m_{121}^{(22)}\\
&+m_{101}^{(11)}m_{111}^{(00)}m_{112}^{(21)}+2m_{101}^{(11)}m_{111}^{(00)}m_{103}^{(11)}-m_{101}^{(11)}m_{111}^{(00)}m_{022}^{(20)}-m_{101}^{(11)}m_{111}^{(00)}m_{013}^{(10)}\\
&+3m_{101}^{(11)}m_{111}^{(10)}m_{211}^{(22)}-6m_{101}^{(11)}m_{111}^{(10)}m_{202}^{(21)}+4m_{101}^{(11)}m_{111}^{(10)}m_{112}^{(20)}-2m_{101}^{(11)}m_{111}^{(10)}m_{103}^{(10)}\\
&+m_{101}^{(11)}m_{111}^{(10)}m_{013}^{(00)}-m_{101}^{(11)}m_{111}^{(20)}m_{220}^{(22)}+2m_{101}^{(11)}m_{111}^{(20)}m_{211}^{(21)}-2m_{101}^{(11)}m_{111}^{(20)}m_{112}^{(10)}\\
&+m_{101}^{(11)}m_{111}^{(20)}m_{022}^{(00)}-m_{101}^{(11)}m_{111}^{(21)}m_{310}^{(22)}+2m_{101}^{(11)}m_{111}^{(21)}m_{301}^{(21)}-4m_{101}^{(11)}m_{111}^{(21)}m_{211}^{(20)}\\
&+6m_{101}^{(11)}m_{111}^{(21)}m_{202}^{(10)}-3m_{101}^{(11)}m_{111}^{(21)}m_{112}^{(00)}+m_{101}^{(11)}m_{111}^{(22)}m_{310}^{(21)}-2m_{101}^{(11)}m_{111}^{(22)}m_{301}^{(11)}\\
&+m_{101}^{(11)}m_{111}^{(22)}m_{220}^{(20)}-m_{101}^{(11)}m_{111}^{(22)}m_{211}^{(10)}+m_{101}^{(11)}m_{111}^{(22)}m_{121}^{(00)}+m_{101}^{(11)}m_{102}^{(00)}m_{121}^{(21)}
\end{aligned}
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\begin{aligned}
&-2m_{101}^{(11)}m_{102}^{(00)}m_{112}^{(11)} + m_{101}^{(11)}m_{102}^{(00)}m_{022}^{(10)} - m_{101}^{(11)}m_{102}^{(10)}m_{220}^{(22)} + 4m_{101}^{(11)}m_{102}^{(10)}m_{202}^{(11)}\\
&-2m_{101}^{(11)}m_{102}^{(10)}m_{121}^{(20)} - m_{101}^{(11)}m_{102}^{(10)}m_{022}^{(00)} + m_{101}^{(11)}m_{102}^{(11)}m_{310}^{(22)} - 2m_{101}^{(11)}m_{102}^{(11)}m_{301}^{(21)}\\
&+3m_{101}^{(11)}m_{102}^{(11)}m_{211}^{(20)} - 4m_{101}^{(11)}m_{102}^{(11)}m_{202}^{(10)} + 2m_{101}^{(11)}m_{102}^{(11)}m_{112}^{(00)} + 2m_{101}^{(11)}m_{102}^{(20)}m_{220}^{(21)}\\
&-4m_{101}^{(11)}m_{102}^{(20)}m_{211}^{(11)} + 2m_{101}^{(11)}m_{102}^{(20)}m_{121}^{(10)} - m_{101}^{(11)}m_{102}^{(21)}m_{310}^{(21)} + 2m_{101}^{(11)}m_{102}^{(21)}m_{301}^{(11)}\\
&-m_{101}^{(11)}m_{102}^{(21)}m_{220}^{(20)} + m_{101}^{(11)}m_{102}^{(21)}m_{211}^{(10)} - m_{101}^{(11)}m_{102}^{(21)}m_{121}^{(00)} - m_{101}^{(11)}m_{021}^{(00)}m_{211}^{(22)}\\
&+2m_{101}^{(11)}m_{021}^{(00)}m_{202}^{(21)} - m_{101}^{(11)}m_{021}^{(00)}m_{112}^{(20)} + m_{101}^{(11)}m_{021}^{(20)}m_{310}^{(22)} - 2m_{101}^{(11)}m_{021}^{(20)}m_{301}^{(21)}\\
&+2m_{101}^{(11)}m_{021}^{(20)}m_{211}^{(20)} - 2m_{101}^{(11)}m_{021}^{(20)}m_{202}^{(10)} + m_{101}^{(11)}m_{021}^{(20)}m_{112}^{(00)} - m_{101}^{(11)}m_{021}^{(22)}m_{310}^{(20)}\\
&+2m_{101}^{(11)}m_{021}^{(22)}m_{301}^{(10)} - m_{101}^{(11)}m_{021}^{(22)}m_{211}^{(00)} + m_{101}^{(11)}m_{012}^{(00)}m_{220}^{(22)} - m_{101}^{(11)}m_{012}^{(00)}m_{211}^{(21)}\\
&-2m_{101}^{(11)}m_{012}^{(00)}m_{202}^{(11)} + m_{101}^{(11)}m_{012}^{(00)}m_{121}^{(20)} + m_{101}^{(11)}m_{012}^{(00)}m_{112}^{(10)} - m_{101}^{(11)}m_{012}^{(10)}m_{310}^{(22)}\\
&+2m_{101}^{(11)}m_{012}^{(10)}m_{301}^{(21)} - 2m_{101}^{(11)}m_{012}^{(10)}m_{211}^{(20)} + 2m_{101}^{(11)}m_{012}^{(10)}m_{202}^{(10)} - m_{101}^{(11)}m_{012}^{(10)}m_{112}^{(00)}\\
&-m_{101}^{(11)}m_{012}^{(20)}m_{310}^{(21)} + 2m_{101}^{(11)}m_{012}^{(20)}m_{301}^{(11)} - m_{101}^{(11)}m_{012}^{(20)}m_{220}^{(20)} + m_{101}^{(11)}m_{012}^{(20)}m_{211}^{(10)}\\
&-m_{101}^{(11)}m_{012}^{(20)}m_{121}^{(00)} + 2m_{101}^{(11)}m_{012}^{(21)}m_{310}^{(20)} - 4m_{101}^{(11)}m_{012}^{(21)}m_{301}^{(10)} + 2m_{101}^{(11)}m_{012}^{(21)}m_{211}^{(00)}\\
&-m_{101}^{(11)}m_{003}^{(00)}m_{220}^{(21)} + 2m_{101}^{(11)}m_{003}^{(00)}m_{211}^{(11)} - m_{101}^{(11)}m_{003}^{(00)}m_{121}^{(10)} + m_{101}^{(11)}m_{003}^{(10)}m_{310}^{(21)}\\
&-2m_{101}^{(11)}m_{003}^{(10)}m_{301}^{(11)} + m_{101}^{(11)}m_{003}^{(10)}m_{220}^{(20)} - m_{101}^{(11)}m_{003}^{(10)}m_{211}^{(10)} + m_{101}^{(11)}m_{003}^{(10)}m_{121}^{(00)}\\
&-m_{101}^{(11)}m_{003}^{(11)}m_{310}^{(20)} + 2m_{101}^{(11)}m_{003}^{(11)}m_{301}^{(10)} - m_{101}^{(11)}m_{003}^{(11)}m_{211}^{(00)} + m_{101}^{(20)}m_{300}^{(11)}m_{031}^{(22)}\\
&-m_{101}^{(20)}m_{300}^{(11)}m_{022}^{(21)} - m_{101}^{(20)}m_{300}^{(21)}m_{040}^{(22)} + m_{101}^{(20)}m_{300}^{(21)}m_{022}^{(11)} + m_{101}^{(20)}m_{300}^{(22)}m_{040}^{(21)}\\
&-m_{101}^{(20)}m_{300}^{(22)}m_{031}^{(11)} - 2m_{101}^{(20)}m_{210}^{(10)}m_{031}^{(22)} + 2m_{101}^{(20)}m_{210}^{(10)}m_{022}^{(21)} - m_{101}^{(20)}m_{210}^{(11)}m_{121}^{(22)}\\
&+m_{101}^{(20)}m_{210}^{(11)}m_{022}^{(20)} + m_{101}^{(20)}m_{210}^{(20)}m_{040}^{(22)} - m_{101}^{(20)}m_{210}^{(20)}m_{022}^{(11)} + 2m_{101}^{(20)}m_{210}^{(21)}m_{130}^{(22)}\\
&-2m_{101}^{(20)}m_{210}^{(21)}m_{022}^{(10)} - 2m_{101}^{(20)}m_{210}^{(22)}m_{130}^{(21)} + m_{101}^{(20)}m_{210}^{(22)}m_{121}^{(11)} - m_{101}^{(20)}m_{210}^{(22)}m_{040}^{(20)}\\
&+2m_{101}^{(20)}m_{210}^{(22)}m_{031}^{(10)} + m_{101}^{(20)}m_{201}^{(10)}m_{040}^{(22)} - m_{101}^{(20)}m_{201}^{(10)}m_{022}^{(11)} - m_{101}^{(20)}m_{201}^{(11)}m_{130}^{(22)}\\
&+2m_{101}^{(20)}m_{201}^{(11)}m_{121}^{(21)} - 2m_{101}^{(20)}m_{201}^{(11)}m_{031}^{(20)} + m_{101}^{(20)}m_{201}^{(11)}m_{022}^{(10)} - 2m_{101}^{(20)}m_{201}^{(20)}m_{040}^{(21)}\\
&+2m_{101}^{(20)}m_{201}^{(20)}m_{031}^{(11)} - 2m_{101}^{(20)}m_{201}^{(21)}m_{121}^{(11)} + 2m_{101}^{(20)}m_{201}^{(21)}m_{040}^{(20)} + m_{101}^{(20)}m_{201}^{(22)}m_{130}^{(11)}\\
&-m_{101}^{(20)}m_{201}^{(22)}m_{040}^{(10)} + m_{101}^{(20)}m_{120}^{(00)}m_{031}^{(22)} - m_{101}^{(20)}m_{120}^{(00)}m_{022}^{(21)} + 2m_{101}^{(20)}m_{120}^{(10)}m_{121}^{(22)}\\
&-2m_{101}^{(20)}m_{120}^{(10)}m_{022}^{(20)} - 2m_{101}^{(20)}m_{120}^{(20)}m_{130}^{(22)} + 2m_{101}^{(20)}m_{120}^{(20)}m_{022}^{(10)} - m_{101}^{(20)}m_{120}^{(21)}m_{220}^{(22)}\\
&+m_{101}^{(20)}m_{120}^{(21)}m_{022}^{(00)} + m_{101}^{(20)}m_{120}^{(22)}m_{220}^{(21)} + 2m_{101}^{(20)}m_{120}^{(22)}m_{130}^{(20)} - 2m_{101}^{(20)}m_{120}^{(22)}m_{121}^{(10)}\\
&-m_{101}^{(20)}m_{120}^{(22)}m_{031}^{(00)} - m_{101}^{(20)}m_{111}^{(00)}m_{040}^{(22)} + m_{101}^{(20)}m_{111}^{(00)}m_{022}^{(11)} - 4m_{101}^{(20)}m_{111}^{(10)}m_{121}^{(21)}\\
&+4m_{101}^{(20)}m_{111}^{(10)}m_{031}^{(20)} + m_{101}^{(20)}m_{111}^{(11)}m_{220}^{(22)} - m_{101}^{(20)}m_{111}^{(11)}m_{022}^{(00)} + 4m_{101}^{(20)}m_{111}^{(20)}m_{130}^{(21)}\\
&-4m_{101}^{(20)}m_{111}^{(20)}m_{031}^{(10)} - 4m_{101}^{(20)}m_{111}^{(21)}m_{130}^{(20)} + 4m_{101}^{(20)}m_{111}^{(21)}m_{121}^{(10)} - m_{101}^{(20)}m_{111}^{(22)}m_{220}^{(11)}\\
&+m_{101}^{(20)}m_{111}^{(22)}m_{040}^{(00)} + m_{101}^{(20)}m_{102}^{(00)}m_{040}^{(21)} - m_{101}^{(20)}m_{102}^{(00)}m_{031}^{(11)} + 2m_{101}^{(20)}m_{102}^{(10)}m_{121}^{(11)}\\
&-2m_{101}^{(20)}m_{102}^{(10)}m_{040}^{(20)} - m_{101}^{(20)}m_{102}^{(11)}m_{220}^{(21)} + 2m_{101}^{(20)}m_{102}^{(11)}m_{130}^{(20)} - 2m_{101}^{(20)}m_{102}^{(11)}m_{121}^{(10)}\\
&+m_{101}^{(20)}m_{102}^{(11)}m_{031}^{(00)} - 2m_{101}^{(20)}m_{102}^{(20)}m_{130}^{(11)} + 2m_{101}^{(20)}m_{102}^{(20)}m_{040}^{(10)} + m_{101}^{(20)}m_{102}^{(21)}m_{220}^{(11)}\\
&-m_{101}^{(20)}m_{102}^{(21)}m_{040}^{(00)} - m_{101}^{(20)}m_{030}^{(00)}m_{121}^{(22)} + m_{101}^{(20)}m_{030}^{(00)}m_{022}^{(20)} + m_{101}^{(20)}m_{030}^{(20)}m_{220}^{(22)}\\
&-m_{101}^{(20)}m_{030}^{(20)}m_{022}^{(00)} - m_{101}^{(20)}m_{030}^{(22)}m_{220}^{(20)} + m_{101}^{(20)}m_{030}^{(22)}m_{121}^{(00)} + m_{101}^{(20)}m_{021}^{(00)}m_{130}^{(22)}\\
&+2m_{101}^{(20)}m_{021}^{(00)}m_{121}^{(21)} - 2m_{101}^{(20)}m_{021}^{(00)}m_{031}^{(20)} - m_{101}^{(20)}m_{021}^{(00)}m_{022}^{(10)} - m_{101}^{(20)}m_{021}^{(10)}m_{220}^{(22)}\\
&+m_{101}^{(20)}m_{021}^{(10)}m_{022}^{(00)} - 2m_{101}^{(20)}m_{021}^{(20)}m_{220}^{(21)} + 2m_{101}^{(20)}m_{021}^{(20)}m_{031}^{(00)} + 2m_{101}^{(20)}m_{021}^{(21)}m_{220}^{(20)}\\
&-2m_{101}^{(20)}m_{021}^{(21)}m_{121}^{(00)} + m_{101}^{(20)}m_{021}^{(22)}m_{220}^{(10)} - m_{101}^{(20)}m_{021}^{(22)}m_{130}^{(00)} - 2m_{101}^{(20)}m_{012}^{(00)}m_{130}^{(21)}\\
&-m_{101}^{(20)}m_{012}^{(00)}m_{121}^{(11)} + m_{101}^{(20)}m_{012}^{(00)}m_{040}^{(20)} + 2m_{101}^{(20)}m_{012}^{(00)}m_{031}^{(10)} + 2m_{101}^{(20)}m_{012}^{(10)}m_{220}^{(21)}\\
&-2m_{101}^{(20)}m_{012}^{(10)}m_{031}^{(00)} - m_{101}^{(20)}m_{012}^{(11)}m_{220}^{(20)} + m_{101}^{(20)}m_{012}^{(11)}m_{121}^{(00)} + m_{101}^{(20)}m_{012}^{(20)}m_{220}^{(11)}
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\begin{aligned}
&-m_{101}^{(20)}m_{012}^{(20)}m_{040}^{(00)} - 2m_{101}^{(20)}m_{012}^{(21)}m_{220}^{(10)} + 2m_{101}^{(20)}m_{012}^{(21)}m_{130}^{(00)} + m_{101}^{(20)}m_{003}^{(00)}m_{130}^{(11)}\\
&-m_{101}^{(20)}m_{003}^{(00)}m_{040}^{(10)} - m_{101}^{(20)}m_{003}^{(10)}m_{220}^{(11)} + m_{101}^{(20)}m_{003}^{(10)}m_{040}^{(00)} + m_{101}^{(20)}m_{003}^{(11)}m_{220}^{(10)}\\
&-m_{101}^{(20)}m_{003}^{(11)}m_{130}^{(00)} - m_{101}^{(21)}m_{300}^{(11)}m_{121}^{(22)} + 3m_{101}^{(21)}m_{300}^{(11)}m_{112}^{(21)} - 2m_{101}^{(21)}m_{300}^{(11)}m_{022}^{(20)}\\
&+m_{101}^{(21)}m_{300}^{(21)}m_{130}^{(22)} - 2m_{101}^{(21)}m_{300}^{(21)}m_{121}^{(21)} - 3m_{101}^{(21)}m_{300}^{(21)}m_{112}^{(11)} + 2m_{101}^{(21)}m_{300}^{(21)}m_{031}^{(20)}\\
&+2m_{101}^{(21)}m_{300}^{(21)}m_{022}^{(10)} - m_{101}^{(21)}m_{300}^{(22)}m_{130}^{(21)} + 3m_{101}^{(21)}m_{300}^{(22)}m_{121}^{(11)} - 2m_{101}^{(21)}m_{300}^{(22)}m_{031}^{(10)}\\
&+2m_{101}^{(21)}m_{210}^{(10)}m_{121}^{(22)} - 6m_{101}^{(21)}m_{210}^{(10)}m_{112}^{(21)} + 4m_{101}^{(21)}m_{210}^{(10)}m_{022}^{(20)} + m_{101}^{(21)}m_{210}^{(11)}m_{211}^{(22)}\\
&-2m_{101}^{(21)}m_{210}^{(11)}m_{202}^{(21)} + m_{101}^{(21)}m_{210}^{(11)}m_{112}^{(20)} - m_{101}^{(21)}m_{210}^{(20)}m_{130}^{(22)} + 2m_{101}^{(21)}m_{210}^{(20)}m_{121}^{(21)}\\
&+3m_{101}^{(21)}m_{210}^{(20)}m_{112}^{(11)} - 2m_{101}^{(21)}m_{210}^{(20)}m_{031}^{(20)} - 2m_{101}^{(21)}m_{210}^{(20)}m_{022}^{(10)} - 2m_{101}^{(21)}m_{210}^{(21)}m_{220}^{(22)}\\
&+4m_{101}^{(21)}m_{210}^{(21)}m_{211}^{(21)} + 2m_{101}^{(21)}m_{210}^{(21)}m_{202}^{(11)} - 4m_{101}^{(21)}m_{210}^{(21)}m_{121}^{(20)} + 2m_{101}^{(21)}m_{210}^{(21)}m_{112}^{(10)}\\
&-2m_{101}^{(21)}m_{210}^{(21)}m_{022}^{(00)} + 2m_{101}^{(21)}m_{210}^{(22)}m_{220}^{(21)} - 5m_{101}^{(21)}m_{210}^{(22)}m_{211}^{(11)} + m_{101}^{(21)}m_{210}^{(22)}m_{130}^{(20)}\\
&+2m_{101}^{(21)}m_{210}^{(22)}m_{031}^{(00)} - m_{101}^{(21)}m_{201}^{(10)}m_{130}^{(22)} + 2m_{101}^{(21)}m_{201}^{(10)}m_{121}^{(21)} + 3m_{101}^{(21)}m_{201}^{(10)}m_{112}^{(11)}\\
&-2m_{101}^{(21)}m_{201}^{(10)}m_{031}^{(20)} - 2m_{101}^{(21)}m_{201}^{(10)}m_{022}^{(10)} + m_{101}^{(21)}m_{201}^{(11)}m_{220}^{(22)} - 4m_{101}^{(21)}m_{201}^{(11)}m_{211}^{(21)}\\
&+4m_{101}^{(21)}m_{201}^{(11)}m_{121}^{(20)} - 3m_{101}^{(21)}m_{201}^{(11)}m_{112}^{(10)} + 2m_{101}^{(21)}m_{201}^{(11)}m_{022}^{(00)} + 2m_{101}^{(21)}m_{201}^{(20)}m_{130}^{(21)}\\
&-6m_{101}^{(21)}m_{201}^{(20)}m_{121}^{(11)} + 4m_{101}^{(21)}m_{201}^{(20)}m_{031}^{(10)} + 4m_{101}^{(21)}m_{201}^{(21)}m_{211}^{(11)} - 2m_{101}^{(21)}m_{201}^{(21)}m_{130}^{(20)}\\
&-2m_{101}^{(21)}m_{201}^{(21)}m_{031}^{(00)} - m_{101}^{(21)}m_{201}^{(22)}m_{220}^{(11)} + m_{101}^{(21)}m_{201}^{(22)}m_{130}^{(10)} - m_{101}^{(21)}m_{120}^{(00)}m_{121}^{(22)}\\
&+3m_{101}^{(21)}m_{120}^{(00)}m_{112}^{(21)} - 2m_{101}^{(21)}m_{120}^{(00)}m_{022}^{(20)} - 2m_{101}^{(21)}m_{120}^{(10)}m_{211}^{(22)} + 4m_{101}^{(21)}m_{120}^{(10)}m_{202}^{(21)}\\
&-2m_{101}^{(21)}m_{120}^{(10)}m_{112}^{(20)} + 2m_{101}^{(21)}m_{120}^{(20)}m_{220}^{(22)} - 4m_{101}^{(21)}m_{120}^{(20)}m_{211}^{(21)} - 2m_{101}^{(21)}m_{120}^{(20)}m_{202}^{(11)}\\
&+4m_{101}^{(21)}m_{120}^{(20)}m_{121}^{(20)} - 2m_{101}^{(21)}m_{120}^{(20)}m_{112}^{(10)} + 2m_{101}^{(21)}m_{120}^{(20)}m_{022}^{(00)} + m_{101}^{(21)}m_{120}^{(21)}m_{310}^{(22)}\\
&-2m_{101}^{(21)}m_{120}^{(21)}m_{301}^{(21)} + 2m_{101}^{(21)}m_{120}^{(21)}m_{211}^{(20)} - 2m_{101}^{(21)}m_{120}^{(21)}m_{202}^{(10)} + m_{101}^{(21)}m_{120}^{(21)}m_{112}^{(00)}\\
&-m_{101}^{(21)}m_{120}^{(22)}m_{310}^{(21)} + 2m_{101}^{(21)}m_{120}^{(22)}m_{301}^{(11)} - 2m_{101}^{(21)}m_{120}^{(22)}m_{220}^{(20)} + 4m_{101}^{(21)}m_{120}^{(22)}m_{211}^{(10)}\\
&-3m_{101}^{(21)}m_{120}^{(22)}m_{121}^{(00)} + m_{101}^{(21)}m_{111}^{(00)}m_{130}^{(22)} - 2m_{101}^{(21)}m_{111}^{(00)}m_{121}^{(21)} - 3m_{101}^{(21)}m_{111}^{(00)}m_{112}^{(11)}\\
&+2m_{101}^{(21)}m_{111}^{(00)}m_{031}^{(20)} + 2m_{101}^{(21)}m_{111}^{(00)}m_{022}^{(10)} + 4m_{101}^{(21)}m_{111}^{(10)}m_{211}^{(21)} - 2m_{101}^{(21)}m_{111}^{(10)}m_{202}^{(11)}\\
&-4m_{101}^{(21)}m_{111}^{(10)}m_{121}^{(20)} + 4m_{101}^{(21)}m_{111}^{(10)}m_{112}^{(10)} - 2m_{101}^{(21)}m_{111}^{(10)}m_{022}^{(00)} - m_{101}^{(21)}m_{111}^{(11)}m_{310}^{(22)}\\
&+2m_{101}^{(21)}m_{111}^{(11)}m_{301}^{(21)} - 2m_{101}^{(21)}m_{111}^{(11)}m_{211}^{(20)} + 2m_{101}^{(21)}m_{111}^{(11)}m_{202}^{(10)} - m_{101}^{(21)}m_{111}^{(11)}m_{112}^{(00)}\\
&-4m_{101}^{(21)}m_{111}^{(20)}m_{220}^{(21)} + 6m_{101}^{(21)}m_{111}^{(20)}m_{211}^{(11)} - 2m_{101}^{(21)}m_{111}^{(20)}m_{031}^{(00)} - 2m_{101}^{(21)}m_{111}^{(21)}m_{301}^{(11)}\\
&+4m_{101}^{(21)}m_{111}^{(21)}m_{220}^{(20)} - 8m_{101}^{(21)}m_{111}^{(21)}m_{211}^{(10)} + 6m_{101}^{(21)}m_{111}^{(21)}m_{121}^{(00)} + m_{101}^{(21)}m_{111}^{(22)}m_{310}^{(11)}\\
&-m_{101}^{(21)}m_{111}^{(22)}m_{130}^{(00)} - m_{101}^{(21)}m_{102}^{(00)}m_{130}^{(21)} + 3m_{101}^{(21)}m_{102}^{(00)}m_{121}^{(11)} - 2m_{101}^{(21)}m_{102}^{(00)}m_{031}^{(10)}\\
&-4m_{101}^{(21)}m_{102}^{(10)}m_{211}^{(11)} + 2m_{101}^{(21)}m_{102}^{(10)}m_{130}^{(20)} + 2m_{101}^{(21)}m_{102}^{(10)}m_{031}^{(00)} + m_{101}^{(21)}m_{102}^{(11)}m_{310}^{(21)}\\
&-2m_{101}^{(21)}m_{102}^{(11)}m_{220}^{(20)} + 4m_{101}^{(21)}m_{102}^{(11)}m_{211}^{(10)} - 3m_{101}^{(21)}m_{102}^{(11)}m_{121}^{(00)} + 2m_{101}^{(21)}m_{102}^{(20)}m_{220}^{(11)}\\
&-2m_{101}^{(21)}m_{102}^{(20)}m_{130}^{(10)} - m_{101}^{(21)}m_{102}^{(21)}m_{310}^{(11)} + m_{101}^{(21)}m_{102}^{(21)}m_{130}^{(00)} + m_{101}^{(21)}m_{030}^{(00)}m_{211}^{(22)}\\
&-2m_{101}^{(21)}m_{030}^{(00)}m_{202}^{(21)} + m_{101}^{(21)}m_{030}^{(00)}m_{112}^{(20)} - m_{101}^{(21)}m_{030}^{(20)}m_{310}^{(22)} + 2m_{101}^{(21)}m_{030}^{(20)}m_{301}^{(21)}\\
&-2m_{101}^{(21)}m_{030}^{(20)}m_{211}^{(20)} + 2m_{101}^{(21)}m_{030}^{(20)}m_{202}^{(10)} - m_{101}^{(21)}m_{030}^{(20)}m_{112}^{(00)} + m_{101}^{(21)}m_{030}^{(22)}m_{310}^{(20)}\\
&-2m_{101}^{(21)}m_{030}^{(22)}m_{301}^{(10)} + m_{101}^{(21)}m_{030}^{(22)}m_{211}^{(00)} - m_{101}^{(21)}m_{021}^{(00)}m_{220}^{(22)} + 2m_{101}^{(21)}m_{021}^{(00)}m_{202}^{(11)}\\
&-m_{101}^{(21)}m_{021}^{(00)}m_{112}^{(10)} + m_{101}^{(21)}m_{021}^{(10)}m_{310}^{(22)} - 2m_{101}^{(21)}m_{021}^{(10)}m_{301}^{(21)} + 2m_{101}^{(21)}m_{021}^{(10)}m_{211}^{(20)}\\
&-2m_{101}^{(21)}m_{021}^{(10)}m_{202}^{(10)} + m_{101}^{(21)}m_{021}^{(10)}m_{112}^{(00)} + 2m_{101}^{(21)}m_{021}^{(20)}m_{310}^{(21)} - 2m_{101}^{(21)}m_{021}^{(20)}m_{301}^{(11)}\\
&-2m_{101}^{(21)}m_{021}^{(21)}m_{310}^{(20)} + 4m_{101}^{(21)}m_{021}^{(21)}m_{301}^{(10)} - 2m_{101}^{(21)}m_{021}^{(21)}m_{211}^{(00)} - m_{101}^{(21)}m_{021}^{(22)}m_{310}^{(10)}\\
&+m_{101}^{(21)}m_{021}^{(22)}m_{220}^{(00)} + 2m_{101}^{(21)}m_{012}^{(00)}m_{220}^{(21)} - m_{101}^{(21)}m_{012}^{(00)}m_{211}^{(11)} - m_{101}^{(21)}m_{012}^{(00)}m_{130}^{(20)}\\
&-2m_{101}^{(21)}m_{012}^{(10)}m_{310}^{(21)} + 2m_{101}^{(21)}m_{012}^{(10)}m_{301}^{(11)} + m_{101}^{(21)}m_{012}^{(11)}m_{310}^{(20)} - 2m_{101}^{(21)}m_{012}^{(11)}m_{301}^{(10)}
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\begin{aligned}
&+m_{101}^{(21)}m_{012}^{(11)}m_{211}^{(00)} - m_{101}^{(21)}m_{012}^{(20)}m_{310}^{(11)} + m_{101}^{(21)}m_{012}^{(20)}m_{130}^{(00)} + 2m_{101}^{(21)}m_{012}^{(21)}m_{310}^{(10)}\\
&-2m_{101}^{(21)}m_{012}^{(21)}m_{220}^{(00)} - m_{101}^{(21)}m_{003}^{(00)}m_{220}^{(11)} + m_{101}^{(21)}m_{003}^{(00)}m_{130}^{(10)} + m_{101}^{(21)}m_{003}^{(10)}m_{310}^{(11)}\\
&-m_{101}^{(21)}m_{003}^{(10)}m_{130}^{(00)} - m_{101}^{(21)}m_{003}^{(11)}m_{310}^{(10)} + m_{101}^{(21)}m_{003}^{(11)}m_{220}^{(00)} - m_{101}^{(22)}m_{300}^{(11)}m_{121}^{(21)}\\
&+m_{101}^{(22)}m_{300}^{(11)}m_{031}^{(20)} + m_{101}^{(22)}m_{300}^{(21)}m_{130}^{(21)} + m_{101}^{(22)}m_{300}^{(21)}m_{121}^{(11)} - m_{101}^{(22)}m_{300}^{(21)}m_{040}^{(20)}\\
&-m_{101}^{(22)}m_{300}^{(21)}m_{031}^{(10)} - m_{101}^{(22)}m_{300}^{(22)}m_{130}^{(11)} + m_{101}^{(22)}m_{300}^{(22)}m_{040}^{(10)} + 2m_{101}^{(22)}m_{210}^{(10)}m_{121}^{(21)}\\
&-2m_{101}^{(22)}m_{210}^{(10)}m_{031}^{(20)} + m_{101}^{(22)}m_{210}^{(11)}m_{121}^{(21)} - m_{101}^{(22)}m_{210}^{(11)}m_{121}^{(20)} - m_{101}^{(22)}m_{210}^{(20)}m_{130}^{(21)}\\
&-m_{101}^{(22)}m_{210}^{(20)}m_{121}^{(11)} + m_{101}^{(22)}m_{210}^{(20)}m_{040}^{(20)} + m_{101}^{(22)}m_{210}^{(20)}m_{031}^{(10)} - 2m_{101}^{(22)}m_{210}^{(21)}m_{220}^{(21)}\\
&-m_{101}^{(22)}m_{210}^{(21)}m_{211}^{(11)} + 2m_{101}^{(22)}m_{210}^{(21)}m_{130}^{(20)} + m_{101}^{(22)}m_{210}^{(21)}m_{031}^{(00)} + 2m_{101}^{(22)}m_{210}^{(22)}m_{220}^{(11)}\\
&-m_{101}^{(22)}m_{210}^{(22)}m_{130}^{(10)} - m_{101}^{(22)}m_{210}^{(22)}m_{040}^{(00)} - m_{101}^{(22)}m_{201}^{(10)}m_{130}^{(21)} - m_{101}^{(22)}m_{201}^{(10)}m_{121}^{(11)}\\
&+m_{101}^{(22)}m_{201}^{(10)}m_{040}^{(20)} + m_{101}^{(22)}m_{201}^{(10)}m_{031}^{(10)} + m_{101}^{(22)}m_{201}^{(11)}m_{220}^{(21)} - m_{101}^{(22)}m_{201}^{(11)}m_{130}^{(20)}\\
&+m_{101}^{(22)}m_{201}^{(11)}m_{121}^{(10)} - m_{101}^{(22)}m_{201}^{(11)}m_{031}^{(00)} + 2m_{101}^{(22)}m_{201}^{(20)}m_{130}^{(11)} - 2m_{101}^{(22)}m_{201}^{(20)}m_{040}^{(10)}\\
&-m_{101}^{(22)}m_{201}^{(21)}m_{220}^{(11)} + m_{101}^{(22)}m_{201}^{(21)}m_{040}^{(00)} - m_{101}^{(22)}m_{120}^{(00)}m_{121}^{(21)} + m_{101}^{(22)}m_{120}^{(00)}m_{031}^{(20)}\\
&-2m_{101}^{(22)}m_{120}^{(10)}m_{211}^{(21)} + 2m_{101}^{(22)}m_{120}^{(10)}m_{121}^{(20)} + 2m_{101}^{(22)}m_{120}^{(20)}m_{220}^{(21)} + m_{101}^{(22)}m_{120}^{(20)}m_{211}^{(11)}\\
&-2m_{101}^{(22)}m_{120}^{(20)}m_{130}^{(20)} - m_{101}^{(22)}m_{120}^{(20)}m_{031}^{(00)} + m_{101}^{(22)}m_{120}^{(21)}m_{310}^{(21)} - m_{101}^{(22)}m_{120}^{(21)}m_{220}^{(20)}\\
&+m_{101}^{(22)}m_{120}^{(21)}m_{211}^{(10)} - m_{101}^{(22)}m_{120}^{(21)}m_{121}^{(00)} - m_{101}^{(22)}m_{120}^{(22)}m_{310}^{(11)} - m_{101}^{(22)}m_{120}^{(22)}m_{220}^{(10)}\\
&+2m_{101}^{(22)}m_{120}^{(22)}m_{130}^{(00)} + m_{101}^{(22)}m_{111}^{(00)}m_{130}^{(21)} + m_{101}^{(22)}m_{111}^{(00)}m_{121}^{(11)} - m_{101}^{(22)}m_{111}^{(00)}m_{040}^{(20)}\\
&-m_{101}^{(22)}m_{111}^{(00)}m_{031}^{(10)} + m_{101}^{(22)}m_{111}^{(10)}m_{211}^{(11)} - 2m_{101}^{(22)}m_{111}^{(10)}m_{121}^{(10)} + m_{101}^{(22)}m_{111}^{(10)}m_{031}^{(00)}\\
&-m_{101}^{(22)}m_{111}^{(11)}m_{310}^{(21)} + m_{101}^{(22)}m_{111}^{(11)}m_{220}^{(20)} - m_{101}^{(22)}m_{111}^{(11)}m_{211}^{(10)} + m_{101}^{(22)}m_{111}^{(11)}m_{121}^{(00)}\\
&-3m_{101}^{(22)}m_{111}^{(20)}m_{220}^{(11)} + 2m_{101}^{(22)}m_{111}^{(20)}m_{130}^{(10)} + m_{101}^{(22)}m_{111}^{(20)}m_{040}^{(00)} + m_{101}^{(22)}m_{111}^{(21)}m_{310}^{(11)}\\
&+2m_{101}^{(22)}m_{111}^{(21)}m_{220}^{(10)} - 3m_{101}^{(22)}m_{111}^{(21)}m_{130}^{(00)} - m_{101}^{(22)}m_{102}^{(00)}m_{130}^{(11)} + m_{101}^{(22)}m_{102}^{(00)}m_{040}^{(10)}\\
&+m_{101}^{(22)}m_{102}^{(10)}m_{220}^{(11)} - m_{101}^{(22)}m_{102}^{(10)}m_{040}^{(00)} - m_{101}^{(22)}m_{102}^{(11)}m_{220}^{(10)} + m_{101}^{(22)}m_{102}^{(11)}m_{130}^{(00)}\\
&+m_{101}^{(22)}m_{030}^{(00)}m_{211}^{(21)} - m_{101}^{(22)}m_{030}^{(00)}m_{121}^{(20)} - m_{101}^{(22)}m_{030}^{(20)}m_{310}^{(21)} + m_{101}^{(22)}m_{030}^{(20)}m_{220}^{(20)}\\
&-m_{101}^{(22)}m_{030}^{(20)}m_{211}^{(10)} + m_{101}^{(22)}m_{030}^{(20)}m_{121}^{(00)} + m_{101}^{(22)}m_{030}^{(22)}m_{310}^{(10)} - m_{101}^{(22)}m_{030}^{(22)}m_{220}^{(00)}\\
&-m_{101}^{(22)}m_{021}^{(00)}m_{220}^{(21)} - m_{101}^{(22)}m_{021}^{(00)}m_{211}^{(11)} + m_{101}^{(22)}m_{021}^{(00)}m_{130}^{(20)} + m_{101}^{(22)}m_{021}^{(00)}m_{121}^{(10)}\\
&+m_{101}^{(22)}m_{021}^{(10)}m_{310}^{(21)} - m_{101}^{(22)}m_{021}^{(10)}m_{220}^{(20)} + m_{101}^{(22)}m_{021}^{(10)}m_{211}^{(10)} - m_{101}^{(22)}m_{021}^{(10)}m_{121}^{(00)}\\
&+m_{101}^{(22)}m_{021}^{(20)}m_{310}^{(11)} - m_{101}^{(22)}m_{021}^{(20)}m_{130}^{(00)} - 2m_{101}^{(22)}m_{021}^{(21)}m_{310}^{(10)} + 2m_{101}^{(22)}m_{021}^{(21)}m_{220}^{(00)}\\
&+m_{101}^{(22)}m_{012}^{(00)}m_{220}^{(11)} - m_{101}^{(22)}m_{012}^{(00)}m_{130}^{(10)} - m_{101}^{(22)}m_{012}^{(10)}m_{310}^{(11)} + m_{101}^{(22)}m_{012}^{(10)}m_{130}^{(00)}\\
&+m_{101}^{(22)}m_{012}^{(11)}m_{310}^{(10)} - m_{101}^{(22)}m_{012}^{(11)}m_{220}^{(00)} + m_{020}^{(00)}m_{210}^{(11)}m_{103}^{(22)} - m_{020}^{(00)}m_{210}^{(11)}m_{004}^{(20)}\\
&-m_{020}^{(00)}m_{210}^{(21)}m_{112}^{(22)} - m_{020}^{(00)}m_{210}^{(21)}m_{103}^{(21)} + m_{020}^{(00)}m_{210}^{(21)}m_{013}^{(20)} + m_{020}^{(00)}m_{210}^{(21)}m_{004}^{(10)}\\
&+m_{020}^{(00)}m_{210}^{(22)}m_{112}^{(21)} - m_{020}^{(00)}m_{210}^{(22)}m_{013}^{(10)} - m_{020}^{(00)}m_{201}^{(11)}m_{112}^{(22)} + m_{020}^{(00)}m_{201}^{(11)}m_{013}^{(20)}\\
&+m_{020}^{(00)}m_{201}^{(21)}m_{121}^{(22)} + m_{020}^{(00)}m_{201}^{(21)}m_{112}^{(21)} - m_{020}^{(00)}m_{201}^{(21)}m_{022}^{(20)} - m_{020}^{(00)}m_{201}^{(21)}m_{013}^{(10)}\\
&-m_{020}^{(00)}m_{201}^{(22)}m_{121}^{(21)} + m_{020}^{(00)}m_{201}^{(22)}m_{022}^{(10)} - 2m_{020}^{(00)}m_{120}^{(10)}m_{103}^{(22)} + 2m_{020}^{(00)}m_{120}^{(10)}m_{004}^{(20)}\\
&+m_{020}^{(00)}m_{120}^{(20)}m_{112}^{(22)} + m_{020}^{(00)}m_{120}^{(20)}m_{103}^{(21)} - m_{020}^{(00)}m_{120}^{(20)}m_{013}^{(20)} - m_{020}^{(00)}m_{120}^{(20)}m_{004}^{(10)}\\
&+m_{020}^{(00)}m_{120}^{(21)}m_{202}^{(22)} - m_{020}^{(00)}m_{120}^{(21)}m_{004}^{(00)} - m_{020}^{(00)}m_{120}^{(22)}m_{202}^{(21)} - m_{020}^{(00)}m_{120}^{(22)}m_{112}^{(20)}\\
&+m_{020}^{(00)}m_{120}^{(22)}m_{103}^{(10)} + m_{020}^{(00)}m_{120}^{(22)}m_{013}^{(00)} + 3m_{020}^{(00)}m_{111}^{(10)}m_{112}^{(22)} + m_{020}^{(00)}m_{111}^{(10)}m_{103}^{(21)}\\
&-3m_{020}^{(00)}m_{111}^{(10)}m_{013}^{(20)} - m_{020}^{(00)}m_{111}^{(10)}m_{004}^{(10)} - m_{020}^{(00)}m_{111}^{(11)}m_{202}^{(22)} + m_{020}^{(00)}m_{111}^{(11)}m_{004}^{(00)}\\
&-m_{020}^{(00)}m_{111}^{(20)}m_{121}^{(22)} - 3m_{020}^{(00)}m_{111}^{(20)}m_{112}^{(21)} + m_{020}^{(00)}m_{111}^{(20)}m_{022}^{(20)} + 3m_{020}^{(00)}m_{111}^{(20)}m_{013}^{(10)}\\
&-m_{020}^{(00)}m_{111}^{(21)}m_{211}^{(22)} + m_{020}^{(00)}m_{111}^{(21)}m_{202}^{(21)} + m_{020}^{(00)}m_{111}^{(21)}m_{112}^{(20)} - m_{020}^{(00)}m_{111}^{(21)}m_{103}^{(10)}
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\begin{aligned}
&+m_{020}^{(00)}m_{111}^{(22)}m_{211}^{(21)}+m_{020}^{(00)}m_{111}^{(22)}m_{121}^{(20)}-m_{020}^{(00)}m_{111}^{(22)}m_{112}^{(10)}-m_{020}^{(00)}m_{111}^{(22)}m_{022}^{(00)}\\
&-m_{020}^{(00)}m_{102}^{(10)}m_{121}^{(22)}-m_{020}^{(00)}m_{102}^{(10)}m_{112}^{(21)}+m_{020}^{(00)}m_{102}^{(10)}m_{022}^{(20)}+m_{020}^{(00)}m_{102}^{(10)}m_{013}^{(10)}\\
&+m_{020}^{(00)}m_{102}^{(11)}m_{211}^{(22)}-m_{020}^{(00)}m_{102}^{(11)}m_{013}^{(00)}+2m_{020}^{(00)}m_{102}^{(20)}m_{121}^{(21)}-2m_{020}^{(00)}m_{102}^{(20)}m_{022}^{(10)}\\
&-m_{020}^{(00)}m_{102}^{(21)}m_{211}^{(21)}-m_{020}^{(00)}m_{102}^{(21)}m_{121}^{(20)}+m_{020}^{(00)}m_{102}^{(21)}m_{112}^{(10)}+m_{020}^{(00)}m_{102}^{(21)}m_{022}^{(00)}\\
&+m_{020}^{(00)}m_{030}^{(00)}m_{103}^{(22)}-m_{020}^{(00)}m_{030}^{(00)}m_{004}^{(20)}-m_{020}^{(00)}m_{030}^{(20)}m_{202}^{(22)}+m_{020}^{(00)}m_{030}^{(20)}m_{004}^{(00)}\\
&+m_{020}^{(00)}m_{030}^{(22)}m_{202}^{(20)}-m_{020}^{(00)}m_{030}^{(22)}m_{103}^{(00)}-2m_{020}^{(00)}m_{021}^{(00)}m_{112}^{(22)}-m_{020}^{(00)}m_{021}^{(00)}m_{103}^{(21)}\\
&+2m_{020}^{(00)}m_{021}^{(00)}m_{013}^{(20)}+m_{020}^{(00)}m_{021}^{(00)}m_{004}^{(10)}+m_{020}^{(00)}m_{021}^{(10)}m_{202}^{(22)}-m_{020}^{(00)}m_{021}^{(10)}m_{004}^{(00)}\\
&+m_{020}^{(00)}m_{021}^{(20)}m_{211}^{(22)}+m_{020}^{(00)}m_{021}^{(20)}m_{202}^{(21)}+m_{020}^{(00)}m_{021}^{(20)}m_{112}^{(20)}-m_{020}^{(00)}m_{021}^{(20)}m_{103}^{(10)}\\
&-2m_{020}^{(00)}m_{021}^{(20)}m_{013}^{(00)}-2m_{020}^{(00)}m_{021}^{(21)}m_{202}^{(20)}+2m_{020}^{(00)}m_{021}^{(21)}m_{103}^{(00)}-m_{020}^{(00)}m_{021}^{(22)}m_{211}^{(20)}\\
&+m_{020}^{(00)}m_{021}^{(22)}m_{112}^{(00)}+m_{020}^{(00)}m_{012}^{(00)}m_{121}^{(22)}+2m_{020}^{(00)}m_{012}^{(00)}m_{112}^{(21)}-m_{020}^{(00)}m_{012}^{(00)}m_{022}^{(20)}\\
&-2m_{020}^{(00)}m_{012}^{(00)}m_{013}^{(10)}-m_{020}^{(00)}m_{012}^{(10)}m_{211}^{(22)}-m_{020}^{(00)}m_{012}^{(10)}m_{202}^{(21)}-m_{020}^{(00)}m_{012}^{(10)}m_{112}^{(20)}\\
&+m_{020}^{(00)}m_{012}^{(10)}m_{103}^{(10)}+2m_{020}^{(00)}m_{012}^{(10)}m_{013}^{(00)}+m_{020}^{(00)}m_{012}^{(11)}m_{202}^{(20)}-m_{020}^{(00)}m_{012}^{(11)}m_{103}^{(00)}\\
&-m_{020}^{(00)}m_{012}^{(20)}m_{211}^{(21)}-m_{020}^{(00)}m_{012}^{(20)}m_{121}^{(20)}+m_{020}^{(00)}m_{012}^{(20)}m_{112}^{(10)}+m_{020}^{(00)}m_{012}^{(20)}m_{022}^{(00)}\\
&+2m_{020}^{(00)}m_{012}^{(21)}m_{211}^{(20)}-2m_{020}^{(00)}m_{012}^{(21)}m_{112}^{(00)}-m_{020}^{(00)}m_{003}^{(00)}m_{121}^{(21)}+m_{020}^{(00)}m_{003}^{(00)}m_{022}^{(10)}\\
&+m_{020}^{(00)}m_{003}^{(10)}m_{211}^{(21)}+m_{020}^{(00)}m_{003}^{(10)}m_{121}^{(20)}-m_{020}^{(00)}m_{003}^{(10)}m_{112}^{(10)}-m_{020}^{(00)}m_{003}^{(10)}m_{022}^{(00)}\\
&-m_{020}^{(00)}m_{003}^{(11)}m_{211}^{(20)}+m_{020}^{(00)}m_{003}^{(11)}m_{112}^{(00)}-m_{020}^{(10)}m_{300}^{(11)}m_{103}^{(22)}+m_{020}^{(10)}m_{300}^{(11)}m_{004}^{(20)}\\
&+m_{020}^{(10)}m_{300}^{(21)}m_{112}^{(22)}+m_{020}^{(10)}m_{300}^{(21)}m_{103}^{(21)}-m_{020}^{(10)}m_{300}^{(21)}m_{013}^{(20)}-m_{020}^{(10)}m_{300}^{(21)}m_{004}^{(10)}\\
&-m_{020}^{(10)}m_{300}^{(22)}m_{112}^{(21)}+m_{020}^{(10)}m_{300}^{(22)}m_{013}^{(10)}+2m_{020}^{(10)}m_{210}^{(10)}m_{103}^{(22)}-2m_{020}^{(10)}m_{210}^{(10)}m_{004}^{(20)}\\
&-m_{020}^{(10)}m_{210}^{(20)}m_{112}^{(22)}-m_{020}^{(10)}m_{210}^{(20)}m_{103}^{(21)}+m_{020}^{(10)}m_{210}^{(20)}m_{013}^{(20)}+m_{020}^{(10)}m_{210}^{(20)}m_{004}^{(10)}\\
&-m_{020}^{(10)}m_{210}^{(21)}m_{202}^{(22)}+m_{020}^{(10)}m_{210}^{(21)}m_{004}^{(00)}+m_{020}^{(10)}m_{210}^{(22)}m_{202}^{(21)}+m_{020}^{(10)}m_{210}^{(22)}m_{112}^{(20)}\\
&-m_{020}^{(10)}m_{210}^{(22)}m_{103}^{(10)}-m_{020}^{(10)}m_{210}^{(22)}m_{013}^{(00)}-m_{020}^{(10)}m_{201}^{(10)}m_{112}^{(22)}-m_{020}^{(10)}m_{201}^{(10)}m_{103}^{(21)}\\
&+m_{020}^{(10)}m_{201}^{(10)}m_{013}^{(20)}+m_{020}^{(10)}m_{201}^{(10)}m_{004}^{(10)}+2m_{020}^{(10)}m_{201}^{(11)}m_{202}^{(22)}-m_{020}^{(10)}m_{201}^{(11)}m_{103}^{(20)}\\
&-m_{020}^{(10)}m_{201}^{(11)}m_{004}^{(00)}+2m_{020}^{(10)}m_{201}^{(20)}m_{112}^{(21)}-2m_{020}^{(10)}m_{201}^{(20)}m_{013}^{(10)}-m_{020}^{(10)}m_{201}^{(21)}m_{211}^{(22)}\\
&-2m_{020}^{(10)}m_{201}^{(21)}m_{202}^{(21)}+2m_{020}^{(10)}m_{201}^{(21)}m_{103}^{(10)}+m_{020}^{(10)}m_{201}^{(21)}m_{013}^{(00)}+m_{020}^{(10)}m_{201}^{(22)}m_{211}^{(21)}\\
&-m_{020}^{(10)}m_{201}^{(22)}m_{112}^{(10)}-m_{020}^{(10)}m_{120}^{(00)}m_{103}^{(22)}+m_{020}^{(10)}m_{120}^{(00)}m_{004}^{(20)}+m_{020}^{(10)}m_{120}^{(20)}m_{202}^{(22)}\\
&-m_{020}^{(10)}m_{120}^{(20)}m_{004}^{(00)}-m_{020}^{(10)}m_{120}^{(22)}m_{202}^{(20)}+m_{020}^{(10)}m_{120}^{(22)}m_{103}^{(00)}+m_{020}^{(10)}m_{111}^{(00)}m_{112}^{(22)}\\
&+m_{020}^{(10)}m_{111}^{(00)}m_{103}^{(21)}-m_{020}^{(10)}m_{111}^{(00)}m_{013}^{(20)}-m_{020}^{(10)}m_{111}^{(00)}m_{004}^{(10)}-3m_{020}^{(10)}m_{111}^{(10)}m_{202}^{(22)}\\
&+2m_{020}^{(10)}m_{111}^{(10)}m_{103}^{(20)}+m_{020}^{(10)}m_{111}^{(10)}m_{004}^{(00)}+m_{020}^{(10)}m_{111}^{(20)}m_{211}^{(22)}-2m_{020}^{(10)}m_{111}^{(20)}m_{112}^{(20)}\\
&+m_{020}^{(10)}m_{111}^{(20)}m_{013}^{(00)}+m_{020}^{(10)}m_{111}^{(21)}m_{301}^{(22)}+2m_{020}^{(10)}m_{111}^{(21)}m_{202}^{(20)}-3m_{020}^{(10)}m_{111}^{(21)}m_{103}^{(00)}\\
&-m_{020}^{(10)}m_{111}^{(22)}m_{301}^{(21)}-m_{020}^{(10)}m_{111}^{(22)}m_{211}^{(20)}+m_{020}^{(10)}m_{111}^{(22)}m_{202}^{(10)}+m_{020}^{(10)}m_{111}^{(22)}m_{112}^{(00)}\\
&-m_{020}^{(10)}m_{102}^{(00)}m_{112}^{(21)}+m_{020}^{(10)}m_{102}^{(00)}m_{013}^{(10)}+m_{020}^{(10)}m_{102}^{(10)}m_{211}^{(22)}+2m_{020}^{(10)}m_{102}^{(10)}m_{202}^{(21)}\\
&-2m_{020}^{(10)}m_{102}^{(10)}m_{103}^{(10)}-m_{020}^{(10)}m_{102}^{(10)}m_{013}^{(00)}-m_{020}^{(10)}m_{102}^{(11)}m_{301}^{(22)}-m_{020}^{(10)}m_{102}^{(11)}m_{202}^{(20)}\\
&+2m_{020}^{(10)}m_{102}^{(11)}m_{103}^{(00)}-2m_{020}^{(10)}m_{102}^{(20)}m_{211}^{(21)}+2m_{020}^{(10)}m_{102}^{(20)}m_{112}^{(10)}+m_{020}^{(10)}m_{102}^{(21)}m_{301}^{(21)}\\
&+m_{020}^{(10)}m_{102}^{(21)}m_{211}^{(20)}-m_{020}^{(10)}m_{102}^{(21)}m_{202}^{(10)}-m_{020}^{(10)}m_{102}^{(21)}m_{112}^{(00)}+m_{020}^{(10)}m_{021}^{(00)}m_{202}^{(22)}\\
&-m_{020}^{(10)}m_{021}^{(00)}m_{103}^{(20)}-m_{020}^{(10)}m_{021}^{(20)}m_{301}^{(22)}+m_{020}^{(10)}m_{021}^{(20)}m_{103}^{(00)}+m_{020}^{(10)}m_{021}^{(22)}m_{301}^{(20)}\\
&-m_{020}^{(10)}m_{021}^{(22)}m_{202}^{(00)}-m_{020}^{(10)}m_{012}^{(00)}m_{211}^{(22)}-m_{020}^{(10)}m_{012}^{(00)}m_{202}^{(21)}+m_{020}^{(10)}m_{012}^{(00)}m_{112}^{(20)}\\
&+m_{020}^{(10)}m_{012}^{(00)}m_{103}^{(10)}+m_{020}^{(10)}m_{012}^{(10)}m_{301}^{(22)}-m_{020}^{(10)}m_{012}^{(10)}m_{103}^{(00)}+m_{020}^{(10)}m_{012}^{(20)}m_{301}^{(21)}\\
&+m_{020}^{(10)}m_{012}^{(20)}m_{211}^{(20)}-m_{020}^{(10)}m_{012}^{(20)}m_{202}^{(10)}-m_{020}^{(10)}m_{012}^{(20)}m_{112}^{(00)}-2m_{020}^{(10)}m_{012}^{(21)}m_{301}^{(20)}
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\begin{aligned}
&+2m_{020}^{(10)}m_{012}^{(21)}m_{202}^{(00)}+m_{020}^{(10)}m_{003}^{(00)}m_{211}^{(21)}-m_{020}^{(10)}m_{003}^{(00)}m_{112}^{(10)}-m_{020}^{(10)}m_{003}^{(10)}m_{301}^{(21)}\\
&-m_{020}^{(10)}m_{003}^{(10)}m_{211}^{(20)}+m_{020}^{(10)}m_{003}^{(10)}m_{202}^{(10)}+m_{020}^{(10)}m_{003}^{(00)}m_{112}^{(10)}+m_{020}^{(10)}m_{003}^{(11)}m_{301}^{(20)}\\
&-m_{020}^{(10)}m_{003}^{(11)}m_{202}^{(00)}+m_{020}^{(20)}m_{300}^{(11)}m_{112}^{(22)}-m_{020}^{(20)}m_{300}^{(11)}m_{013}^{(20)}-m_{020}^{(20)}m_{300}^{(21)}m_{121}^{(22)}\\
&-m_{020}^{(20)}m_{300}^{(21)}m_{112}^{(21)}+m_{020}^{(20)}m_{300}^{(21)}m_{022}^{(20)}+m_{020}^{(20)}m_{300}^{(21)}m_{013}^{(10)}+m_{020}^{(20)}m_{300}^{(22)}m_{121}^{(21)}\\
&-m_{020}^{(20)}m_{300}^{(22)}m_{022}^{(10)}-2m_{020}^{(20)}m_{210}^{(10)}m_{112}^{(22)}+2m_{020}^{(20)}m_{210}^{(10)}m_{013}^{(20)}-2m_{020}^{(20)}m_{210}^{(11)}m_{202}^{(22)}\\
&+2m_{020}^{(20)}m_{210}^{(11)}m_{103}^{(20)}+m_{020}^{(20)}m_{210}^{(20)}m_{121}^{(22)}+m_{020}^{(20)}m_{210}^{(20)}m_{112}^{(21)}-m_{020}^{(20)}m_{210}^{(20)}m_{022}^{(20)}\\
&-m_{020}^{(20)}m_{210}^{(20)}m_{013}^{(10)}+3m_{020}^{(20)}m_{210}^{(21)}m_{211}^{(22)}+2m_{020}^{(20)}m_{210}^{(21)}m_{202}^{(21)}-2m_{020}^{(20)}m_{210}^{(21)}m_{112}^{(20)}\\
&-2m_{020}^{(20)}m_{210}^{(21)}m_{103}^{(10)}-m_{020}^{(20)}m_{210}^{(21)}m_{013}^{(00)}-3m_{020}^{(20)}m_{210}^{(22)}m_{211}^{(21)}-m_{020}^{(20)}m_{210}^{(22)}m_{121}^{(20)}\\
&+3m_{020}^{(20)}m_{210}^{(22)}m_{112}^{(10)}+m_{020}^{(20)}m_{210}^{(22)}m_{022}^{(00)}+m_{020}^{(20)}m_{201}^{(10)}m_{121}^{(22)}+m_{020}^{(20)}m_{201}^{(10)}m_{112}^{(21)}\\
&-m_{020}^{(20)}m_{201}^{(10)}m_{022}^{(20)}-m_{020}^{(20)}m_{201}^{(10)}m_{013}^{(10)}-m_{020}^{(20)}m_{201}^{(11)}m_{112}^{(20)}+m_{020}^{(20)}m_{201}^{(11)}m_{013}^{(00)}\\
&-2m_{020}^{(20)}m_{201}^{(20)}m_{121}^{(21)}+2m_{020}^{(20)}m_{201}^{(20)}m_{022}^{(10)}-m_{020}^{(20)}m_{201}^{(21)}m_{220}^{(22)}+2m_{020}^{(20)}m_{201}^{(21)}m_{121}^{(20)}\\
&-m_{020}^{(20)}m_{201}^{(21)}m_{022}^{(00)}+m_{020}^{(20)}m_{201}^{(22)}m_{220}^{(21)}-m_{020}^{(20)}m_{201}^{(22)}m_{121}^{(10)}+m_{020}^{(20)}m_{120}^{(00)}m_{112}^{(22)}\\
&-m_{020}^{(20)}m_{120}^{(00)}m_{013}^{(20)}+4m_{020}^{(20)}m_{120}^{(10)}m_{202}^{(22)}-4m_{020}^{(20)}m_{120}^{(10)}m_{103}^{(20)}-3m_{020}^{(20)}m_{120}^{(20)}m_{211}^{(22)}\\
&-2m_{020}^{(20)}m_{120}^{(20)}m_{202}^{(21)}+2m_{020}^{(20)}m_{120}^{(20)}m_{112}^{(20)}+2m_{020}^{(20)}m_{120}^{(20)}m_{103}^{(10)}+m_{020}^{(20)}m_{120}^{(20)}m_{013}^{(00)}\\
&-2m_{020}^{(20)}m_{120}^{(21)}m_{301}^{(22)}+2m_{020}^{(20)}m_{120}^{(21)}m_{103}^{(00)}+2m_{020}^{(20)}m_{120}^{(22)}m_{301}^{(21)}+3m_{020}^{(20)}m_{120}^{(22)}m_{211}^{(20)}\\
&-2m_{020}^{(20)}m_{120}^{(22)}m_{202}^{(10)}-3m_{020}^{(20)}m_{120}^{(22)}m_{112}^{(00)}-m_{020}^{(20)}m_{111}^{(00)}m_{121}^{(22)}-m_{020}^{(20)}m_{111}^{(00)}m_{112}^{(21)}\\
&+m_{020}^{(20)}m_{111}^{(00)}m_{022}^{(20)}+m_{020}^{(20)}m_{111}^{(00)}m_{013}^{(10)}-3m_{020}^{(20)}m_{111}^{(10)}m_{211}^{(22)}-2m_{020}^{(20)}m_{111}^{(10)}m_{202}^{(21)}\\
&+4m_{020}^{(20)}m_{111}^{(10)}m_{112}^{(20)}+2m_{020}^{(20)}m_{111}^{(10)}m_{103}^{(10)}-m_{020}^{(20)}m_{111}^{(10)}m_{013}^{(00)}+2m_{020}^{(20)}m_{111}^{(11)}m_{301}^{(22)}\\
&-2m_{020}^{(20)}m_{111}^{(11)}m_{103}^{(00)}+m_{020}^{(20)}m_{111}^{(20)}m_{220}^{(22)}+6m_{020}^{(20)}m_{111}^{(20)}m_{211}^{(21)}-6m_{020}^{(20)}m_{111}^{(20)}m_{112}^{(10)}\\
&-m_{020}^{(20)}m_{111}^{(20)}m_{022}^{(00)}+m_{020}^{(20)}m_{111}^{(21)}m_{310}^{(22)}-2m_{020}^{(20)}m_{111}^{(21)}m_{301}^{(21)}-4m_{020}^{(20)}m_{111}^{(21)}m_{211}^{(20)}\\
&+2m_{020}^{(20)}m_{111}^{(21)}m_{202}^{(10)}+3m_{020}^{(20)}m_{111}^{(21)}m_{112}^{(00)}-m_{020}^{(20)}m_{111}^{(22)}m_{310}^{(21)}-m_{020}^{(20)}m_{111}^{(22)}m_{220}^{(20)}\\
&+m_{020}^{(20)}m_{111}^{(22)}m_{211}^{(10)}+m_{020}^{(20)}m_{111}^{(22)}m_{121}^{(00)}+m_{020}^{(20)}m_{102}^{(00)}m_{121}^{(21)}-m_{020}^{(20)}m_{102}^{(00)}m_{022}^{(10)}\\
&+m_{020}^{(20)}m_{102}^{(10)}m_{220}^{(22)}-2m_{020}^{(20)}m_{102}^{(10)}m_{121}^{(20)}+m_{020}^{(20)}m_{102}^{(10)}m_{022}^{(00)}-m_{020}^{(20)}m_{102}^{(11)}m_{310}^{(22)}\\
&+m_{020}^{(20)}m_{102}^{(11)}m_{211}^{(20)}-2m_{020}^{(20)}m_{102}^{(20)}m_{220}^{(21)}+2m_{020}^{(20)}m_{102}^{(20)}m_{121}^{(10)}+m_{020}^{(20)}m_{102}^{(21)}m_{310}^{(21)}\\
&+m_{020}^{(20)}m_{102}^{(21)}m_{220}^{(20)}-m_{020}^{(20)}m_{102}^{(21)}m_{211}^{(10)}-m_{020}^{(20)}m_{102}^{(21)}m_{121}^{(00)}-2m_{020}^{(20)}m_{030}^{(00)}m_{202}^{(22)}\\
&+2m_{020}^{(20)}m_{030}^{(00)}m_{103}^{(20)}+2m_{020}^{(20)}m_{030}^{(20)}m_{301}^{(22)}-2m_{020}^{(20)}m_{030}^{(20)}m_{103}^{(00)}-2m_{020}^{(20)}m_{030}^{(22)}m_{301}^{(20)}\\
&+2m_{020}^{(20)}m_{030}^{(22)}m_{202}^{(00)}+3m_{020}^{(20)}m_{021}^{(00)}m_{211}^{(22)}+2m_{020}^{(20)}m_{021}^{(00)}m_{202}^{(21)}-3m_{020}^{(20)}m_{021}^{(00)}m_{112}^{(20)}\\
&-2m_{020}^{(20)}m_{021}^{(00)}m_{103}^{(10)}-2m_{020}^{(20)}m_{021}^{(10)}m_{301}^{(22)}+2m_{020}^{(20)}m_{021}^{(10)}m_{103}^{(00)}-m_{020}^{(20)}m_{021}^{(20)}m_{310}^{(22)}\\
&-2m_{020}^{(20)}m_{021}^{(20)}m_{301}^{(21)}-2m_{020}^{(20)}m_{021}^{(20)}m_{211}^{(20)}+2m_{020}^{(20)}m_{021}^{(20)}m_{202}^{(10)}+3m_{020}^{(20)}m_{021}^{(20)}m_{112}^{(00)}\\
&+4m_{020}^{(20)}m_{021}^{(21)}m_{301}^{(20)}-4m_{020}^{(20)}m_{021}^{(21)}m_{202}^{(00)}+m_{020}^{(20)}m_{021}^{(22)}m_{310}^{(20)}-m_{020}^{(20)}m_{021}^{(22)}m_{211}^{(00)}\\
&-m_{020}^{(20)}m_{012}^{(00)}m_{220}^{(22)}-3m_{020}^{(20)}m_{012}^{(00)}m_{211}^{(21)}+m_{020}^{(20)}m_{012}^{(00)}m_{121}^{(20)}+3m_{020}^{(20)}m_{012}^{(00)}m_{112}^{(10)}\\
&+m_{020}^{(20)}m_{012}^{(10)}m_{310}^{(22)}+2m_{020}^{(20)}m_{012}^{(10)}m_{301}^{(21)}+2m_{020}^{(20)}m_{012}^{(10)}m_{211}^{(20)}-2m_{020}^{(20)}m_{012}^{(10)}m_{202}^{(10)}\\
&-3m_{020}^{(20)}m_{012}^{(10)}m_{112}^{(00)}-2m_{020}^{(20)}m_{012}^{(11)}m_{301}^{(20)}+2m_{020}^{(20)}m_{012}^{(11)}m_{202}^{(00)}+m_{020}^{(20)}m_{012}^{(20)}m_{310}^{(21)}\\
&+m_{020}^{(20)}m_{012}^{(20)}m_{220}^{(20)}-m_{020}^{(20)}m_{012}^{(20)}m_{211}^{(10)}-m_{020}^{(20)}m_{012}^{(20)}m_{121}^{(00)}-2m_{020}^{(20)}m_{012}^{(21)}m_{310}^{(20)}\\
&+2m_{020}^{(20)}m_{012}^{(21)}m_{211}^{(00)}+m_{020}^{(20)}m_{003}^{(00)}m_{220}^{(21)}-m_{020}^{(20)}m_{003}^{(00)}m_{121}^{(10)}-m_{020}^{(20)}m_{003}^{(10)}m_{310}^{(21)}\\
&-m_{020}^{(20)}m_{003}^{(10)}m_{220}^{(20)}+m_{020}^{(20)}m_{003}^{(10)}m_{211}^{(10)}+m_{020}^{(20)}m_{003}^{(10)}m_{121}^{(00)}+m_{020}^{(20)}m_{003}^{(11)}m_{310}^{(20)}\\
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&-m_{020}^{(21)}m_{300}^{(21)}m_{202}^{(21)}+m_{020}^{(21)}m_{300}^{(21)}m_{112}^{(20)}+m_{020}^{(21)}m_{300}^{(21)}m_{103}^{(10)}+m_{020}^{(21)}m_{300}^{(22)}m_{211}^{(21)}
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\begin{aligned}
&-m_{020}^{(21)}m_{300}^{(22)}m_{112}^{(10)} - 2m_{020}^{(21)}m_{210}^{(10)}m_{202}^{(22)} + 2m_{020}^{(21)}m_{210}^{(10)}m_{103}^{(20)} + m_{020}^{(21)}m_{210}^{(20)}m_{211}^{(22)}\\
&+m_{020}^{(21)}m_{210}^{(20)}m_{202}^{(21)} - m_{020}^{(21)}m_{210}^{(20)}m_{112}^{(20)} - m_{020}^{(21)}m_{210}^{(20)}m_{103}^{(10)} + m_{020}^{(21)}m_{210}^{(21)}m_{301}^{(22)}\\
&-m_{020}^{(21)}m_{210}^{(21)}m_{103}^{(00)} - m_{020}^{(21)}m_{210}^{(22)}m_{301}^{(21)} - m_{020}^{(21)}m_{210}^{(22)}m_{211}^{(20)} + m_{020}^{(21)}m_{210}^{(22)}m_{202}^{(10)}\\
&+m_{020}^{(21)}m_{210}^{(22)}m_{112}^{(00)} + m_{020}^{(21)}m_{201}^{(10)}m_{211}^{(22)} + m_{020}^{(21)}m_{201}^{(10)}m_{202}^{(21)} - m_{020}^{(21)}m_{201}^{(10)}m_{112}^{(20)}\\
&-m_{020}^{(21)}m_{201}^{(10)}m_{103}^{(10)} - 2m_{020}^{(21)}m_{201}^{(11)}m_{301}^{(22)} + m_{020}^{(21)}m_{201}^{(11)}m_{202}^{(20)} + m_{020}^{(21)}m_{201}^{(11)}m_{103}^{(00)}\\
&-2m_{020}^{(21)}m_{201}^{(20)}m_{211}^{(21)} + 2m_{020}^{(21)}m_{201}^{(20)}m_{112}^{(10)} + m_{020}^{(21)}m_{201}^{(21)}m_{310}^{(22)} + 2m_{020}^{(21)}m_{201}^{(21)}m_{301}^{(21)}\\
&-2m_{020}^{(21)}m_{201}^{(21)}m_{202}^{(10)} - m_{020}^{(21)}m_{201}^{(21)}m_{112}^{(00)} - m_{020}^{(21)}m_{201}^{(22)}m_{310}^{(21)} + m_{020}^{(21)}m_{201}^{(22)}m_{211}^{(10)}\\
&+m_{020}^{(21)}m_{120}^{(00)}m_{202}^{(22)} - m_{020}^{(21)}m_{120}^{(00)}m_{103}^{(20)} - m_{020}^{(21)}m_{120}^{(20)}m_{301}^{(22)} + m_{020}^{(21)}m_{120}^{(20)}m_{103}^{(00)}\\
&+m_{020}^{(21)}m_{120}^{(22)}m_{301}^{(20)} - m_{020}^{(21)}m_{120}^{(22)}m_{202}^{(00)} - m_{020}^{(21)}m_{111}^{(00)}m_{211}^{(22)} - m_{020}^{(21)}m_{111}^{(00)}m_{202}^{(21)}\\
&+m_{020}^{(21)}m_{111}^{(00)}m_{112}^{(20)} + m_{020}^{(21)}m_{111}^{(00)}m_{103}^{(10)} + 3m_{020}^{(21)}m_{111}^{(10)}m_{301}^{(22)} - 2m_{020}^{(21)}m_{111}^{(10)}m_{202}^{(20)}\\
&-m_{020}^{(21)}m_{111}^{(10)}m_{103}^{(00)} - m_{020}^{(21)}m_{111}^{(20)}m_{310}^{(22)} + 2m_{020}^{(21)}m_{111}^{(20)}m_{211}^{(20)} - m_{020}^{(21)}m_{111}^{(20)}m_{112}^{(00)}\\
&-m_{020}^{(21)}m_{111}^{(21)}m_{400}^{(22)} - 2m_{020}^{(21)}m_{111}^{(21)}m_{301}^{(20)} + 3m_{020}^{(21)}m_{111}^{(21)}m_{202}^{(00)} + m_{020}^{(21)}m_{111}^{(22)}m_{400}^{(21)}\\
&+m_{020}^{(21)}m_{111}^{(22)}m_{310}^{(20)} - m_{020}^{(21)}m_{111}^{(22)}m_{301}^{(10)} - m_{020}^{(21)}m_{111}^{(22)}m_{211}^{(00)} + m_{020}^{(21)}m_{102}^{(00)}m_{211}^{(21)}\\
&-m_{020}^{(21)}m_{102}^{(00)}m_{112}^{(10)} - m_{020}^{(21)}m_{102}^{(10)}m_{310}^{(22)} - 2m_{020}^{(21)}m_{102}^{(10)}m_{301}^{(21)} + 2m_{020}^{(21)}m_{102}^{(10)}m_{202}^{(10)}\\
&+m_{020}^{(21)}m_{102}^{(10)}m_{112}^{(00)} + m_{020}^{(21)}m_{102}^{(11)}m_{400}^{(22)} + m_{020}^{(21)}m_{102}^{(11)}m_{301}^{(20)} - 2m_{020}^{(21)}m_{102}^{(11)}m_{202}^{(00)}\\
&+2m_{020}^{(21)}m_{102}^{(20)}m_{310}^{(21)} - 2m_{020}^{(21)}m_{102}^{(20)}m_{211}^{(10)} - m_{020}^{(21)}m_{102}^{(21)}m_{400}^{(21)} - m_{020}^{(21)}m_{102}^{(21)}m_{310}^{(20)}\\
&+m_{020}^{(21)}m_{102}^{(21)}m_{301}^{(10)} + m_{020}^{(21)}m_{102}^{(21)}m_{211}^{(00)} - m_{020}^{(21)}m_{021}^{(00)}m_{301}^{(22)} + m_{020}^{(21)}m_{021}^{(00)}m_{202}^{(20)}\\
&+m_{020}^{(21)}m_{021}^{(20)}m_{400}^{(22)} - m_{020}^{(21)}m_{021}^{(20)}m_{202}^{(00)} - m_{020}^{(21)}m_{021}^{(22)}m_{400}^{(20)} + m_{020}^{(21)}m_{021}^{(22)}m_{301}^{(00)}\\
&+m_{020}^{(21)}m_{012}^{(00)}m_{310}^{(22)} + m_{020}^{(21)}m_{012}^{(00)}m_{301}^{(21)} - m_{020}^{(21)}m_{012}^{(00)}m_{211}^{(20)} - m_{020}^{(21)}m_{012}^{(00)}m_{202}^{(10)}\\
&-m_{020}^{(21)}m_{012}^{(10)}m_{400}^{(22)} + m_{020}^{(21)}m_{012}^{(10)}m_{202}^{(00)} - m_{020}^{(21)}m_{012}^{(20)}m_{400}^{(21)} - m_{020}^{(21)}m_{012}^{(20)}m_{310}^{(20)}\\
&+m_{020}^{(21)}m_{012}^{(20)}m_{301}^{(10)} + m_{020}^{(21)}m_{012}^{(20)}m_{211}^{(00)} + 2m_{020}^{(21)}m_{012}^{(21)}m_{400}^{(20)} - 2m_{020}^{(21)}m_{012}^{(21)}m_{301}^{(00)}\\
&-m_{020}^{(21)}m_{003}^{(00)}m_{310}^{(21)} + m_{020}^{(21)}m_{003}^{(00)}m_{211}^{(10)} + m_{020}^{(21)}m_{003}^{(10)}m_{400}^{(21)} + m_{020}^{(21)}m_{003}^{(10)}m_{310}^{(20)}\\
&-m_{020}^{(21)}m_{003}^{(10)}m_{301}^{(10)} - m_{020}^{(21)}m_{003}^{(10)}m_{211}^{(00)} - m_{020}^{(21)}m_{003}^{(11)}m_{400}^{(20)} + m_{020}^{(21)}m_{003}^{(11)}m_{301}^{(00)}\\
&-m_{020}^{(22)}m_{300}^{(11)}m_{211}^{(22)} + m_{020}^{(22)}m_{300}^{(11)}m_{112}^{(20)} + m_{020}^{(22)}m_{300}^{(21)}m_{220}^{(22)} + m_{020}^{(22)}m_{300}^{(21)}m_{211}^{(21)}\\
&-m_{020}^{(22)}m_{300}^{(21)}m_{121}^{(20)} - m_{020}^{(22)}m_{300}^{(21)}m_{112}^{(10)} - m_{020}^{(22)}m_{300}^{(22)}m_{220}^{(21)} + m_{020}^{(22)}m_{300}^{(22)}m_{121}^{(10)}\\
&+2m_{020}^{(22)}m_{210}^{(10)}m_{211}^{(22)} - 2m_{020}^{(22)}m_{210}^{(10)}m_{112}^{(20)} + m_{020}^{(22)}m_{210}^{(11)}m_{301}^{(22)} - m_{020}^{(22)}m_{210}^{(11)}m_{202}^{(20)}\\
&-m_{020}^{(22)}m_{210}^{(20)}m_{220}^{(22)} - m_{020}^{(22)}m_{210}^{(20)}m_{211}^{(21)} + m_{020}^{(22)}m_{210}^{(20)}m_{121}^{(20)} + m_{020}^{(22)}m_{210}^{(20)}m_{112}^{(10)}\\
&-2m_{020}^{(22)}m_{210}^{(21)}m_{310}^{(22)} - m_{020}^{(22)}m_{210}^{(21)}m_{301}^{(21)} + m_{020}^{(22)}m_{210}^{(21)}m_{211}^{(20)} + m_{020}^{(22)}m_{210}^{(21)}m_{202}^{(10)}\\
&+m_{020}^{(22)}m_{210}^{(21)}m_{112}^{(00)} + 2m_{020}^{(22)}m_{210}^{(22)}m_{310}^{(21)} + m_{020}^{(22)}m_{210}^{(22)}m_{220}^{(20)} - 2m_{020}^{(22)}m_{210}^{(22)}m_{211}^{(10)}\\
&-m_{020}^{(22)}m_{210}^{(22)}m_{121}^{(00)} - m_{020}^{(22)}m_{201}^{(10)}m_{220}^{(22)} - m_{020}^{(22)}m_{201}^{(10)}m_{211}^{(21)} + m_{020}^{(22)}m_{201}^{(10)}m_{121}^{(20)}\\
&+m_{020}^{(22)}m_{201}^{(10)}m_{112}^{(10)} + m_{020}^{(22)}m_{201}^{(11)}m_{310}^{(22)} - m_{020}^{(22)}m_{201}^{(11)}m_{112}^{(00)} + 2m_{020}^{(22)}m_{201}^{(20)}m_{220}^{(21)}\\
&-2m_{020}^{(22)}m_{201}^{(20)}m_{121}^{(10)} - m_{020}^{(22)}m_{201}^{(21)}m_{310}^{(21)} - m_{020}^{(22)}m_{201}^{(21)}m_{220}^{(20)} + m_{020}^{(22)}m_{201}^{(21)}m_{211}^{(10)}\\
&+m_{020}^{(22)}m_{201}^{(21)}m_{121}^{(00)} - m_{020}^{(22)}m_{120}^{(00)}m_{211}^{(22)} + m_{020}^{(22)}m_{120}^{(00)}m_{112}^{(20)} - 2m_{020}^{(22)}m_{120}^{(10)}m_{301}^{(22)}\\
&+2m_{020}^{(22)}m_{120}^{(10)}m_{202}^{(20)} + 2m_{020}^{(22)}m_{120}^{(20)}m_{310}^{(22)} + m_{020}^{(22)}m_{120}^{(20)}m_{301}^{(21)} - m_{020}^{(22)}m_{120}^{(20)}m_{211}^{(20)}\\
&-m_{020}^{(22)}m_{120}^{(20)}m_{202}^{(10)} - m_{020}^{(22)}m_{120}^{(20)}m_{112}^{(00)} + m_{020}^{(22)}m_{120}^{(21)}m_{400}^{(22)} - m_{020}^{(22)}m_{120}^{(21)}m_{202}^{(00)}\\
&-m_{020}^{(22)}m_{120}^{(22)}m_{400}^{(21)} - 2m_{020}^{(22)}m_{120}^{(22)}m_{310}^{(20)} + m_{020}^{(22)}m_{120}^{(22)}m_{301}^{(10)} + 2m_{020}^{(22)}m_{120}^{(22)}m_{211}^{(00)}\\
&+m_{020}^{(22)}m_{111}^{(00)}m_{220}^{(22)} + m_{020}^{(22)}m_{111}^{(00)}m_{211}^{(21)} - m_{020}^{(22)}m_{111}^{(00)}m_{121}^{(20)} - m_{020}^{(22)}m_{111}^{(00)}m_{112}^{(10)}\\
&+m_{020}^{(22)}m_{111}^{(10)}m_{301}^{(21)} - m_{020}^{(22)}m_{111}^{(10)}m_{211}^{(20)} - m_{020}^{(22)}m_{111}^{(10)}m_{202}^{(10)} + m_{020}^{(22)}m_{111}^{(10)}m_{112}^{(00)}
\end{aligned}
$$

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\begin{aligned}
&-m_{020}^{(22)}m_{111}^{(11)}m_{400}^{(22)}+m_{020}^{(22)}m_{111}^{(11)}m_{202}^{(00)}-3m_{020}^{(22)}m_{111}^{(20)}m_{310}^{(21)}-m_{020}^{(22)}m_{111}^{(20)}m_{220}^{(20)}\\
&+3m_{020}^{(22)}m_{111}^{(20)}m_{211}^{(10)}+m_{020}^{(22)}m_{111}^{(20)}m_{121}^{(00)}+m_{020}^{(22)}m_{111}^{(21)}m_{400}^{(21)}+3m_{020}^{(22)}m_{111}^{(21)}m_{310}^{(20)}\\
&-m_{020}^{(22)}m_{111}^{(21)}m_{301}^{(10)}-3m_{020}^{(22)}m_{111}^{(21)}m_{211}^{(00)}-m_{020}^{(22)}m_{102}^{(00)}m_{220}^{(21)}+m_{020}^{(22)}m_{102}^{(00)}m_{121}^{(10)}\\
&+m_{020}^{(22)}m_{102}^{(10)}m_{310}^{(21)}+m_{020}^{(22)}m_{102}^{(10)}m_{220}^{(20)}-m_{020}^{(22)}m_{102}^{(10)}m_{211}^{(10)}-m_{020}^{(22)}m_{102}^{(10)}m_{121}^{(00)}\\
&-m_{020}^{(22)}m_{102}^{(11)}m_{310}^{(20)}+m_{020}^{(22)}m_{102}^{(11)}m_{211}^{(00)}+m_{020}^{(22)}m_{030}^{(00)}m_{301}^{(22)}-m_{020}^{(22)}m_{030}^{(00)}m_{202}^{(20)}\\
&-m_{020}^{(22)}m_{030}^{(20)}m_{400}^{(22)}+m_{020}^{(22)}m_{030}^{(20)}m_{202}^{(00)}+m_{020}^{(22)}m_{030}^{(22)}m_{400}^{(20)}-m_{020}^{(22)}m_{030}^{(22)}m_{301}^{(00)}\\
&-m_{020}^{(22)}m_{021}^{(00)}m_{310}^{(22)}-m_{020}^{(22)}m_{021}^{(00)}m_{301}^{(21)}+m_{020}^{(22)}m_{021}^{(00)}m_{211}^{(20)}+m_{020}^{(22)}m_{021}^{(00)}m_{202}^{(10)}\\
&+m_{020}^{(22)}m_{021}^{(10)}m_{400}^{(22)}-m_{020}^{(22)}m_{021}^{(10)}m_{202}^{(00)}+m_{020}^{(22)}m_{021}^{(20)}m_{400}^{(21)}+m_{020}^{(22)}m_{021}^{(20)}m_{310}^{(20)}\\
&-m_{020}^{(22)}m_{021}^{(20)}m_{301}^{(10)}-m_{020}^{(22)}m_{021}^{(20)}m_{211}^{(00)}-2m_{020}^{(22)}m_{021}^{(21)}m_{400}^{(20)}+2m_{020}^{(22)}m_{021}^{(21)}m_{301}^{(00)}\\
&+m_{020}^{(22)}m_{012}^{(00)}m_{310}^{(21)}-m_{020}^{(22)}m_{012}^{(00)}m_{211}^{(10)}-m_{020}^{(22)}m_{012}^{(10)}m_{400}^{(21)}-m_{020}^{(22)}m_{012}^{(10)}m_{310}^{(20)}\\
&+m_{020}^{(22)}m_{012}^{(10)}m_{301}^{(10)}+m_{020}^{(22)}m_{012}^{(10)}m_{211}^{(00)}+m_{020}^{(22)}m_{012}^{(11)}m_{400}^{(20)}-m_{020}^{(22)}m_{012}^{(11)}m_{301}^{(00)}\\
&-m_{011}^{(00)}m_{210}^{(11)}m_{112}^{(22)}-m_{011}^{(00)}m_{210}^{(11)}m_{103}^{(21)}+2m_{011}^{(00)}m_{210}^{(11)}m_{013}^{(20)}+m_{011}^{(00)}m_{210}^{(21)}m_{121}^{(22)}\\
&+2m_{011}^{(00)}m_{210}^{(21)}m_{112}^{(21)}+m_{011}^{(00)}m_{210}^{(21)}m_{103}^{(11)}-2m_{011}^{(00)}m_{210}^{(21)}m_{022}^{(20)}-2m_{011}^{(00)}m_{210}^{(21)}m_{013}^{(10)}\\
&-m_{011}^{(00)}m_{210}^{(22)}m_{121}^{(21)}-m_{011}^{(00)}m_{210}^{(22)}m_{112}^{(11)}+2m_{011}^{(00)}m_{210}^{(22)}m_{022}^{(10)}+m_{011}^{(00)}m_{201}^{(11)}m_{121}^{(22)}\\
&+m_{011}^{(00)}m_{201}^{(11)}m_{112}^{(21)}-2m_{011}^{(00)}m_{201}^{(11)}m_{022}^{(20)}-m_{011}^{(00)}m_{201}^{(21)}m_{130}^{(22)}-2m_{011}^{(00)}m_{201}^{(21)}m_{121}^{(21)}\\
&-m_{011}^{(00)}m_{201}^{(21)}m_{112}^{(11)}+2m_{011}^{(00)}m_{201}^{(21)}m_{031}^{(20)}+2m_{011}^{(00)}m_{201}^{(21)}m_{022}^{(10)}+m_{011}^{(00)}m_{201}^{(22)}m_{130}^{(21)}\\
&+m_{011}^{(00)}m_{201}^{(22)}m_{121}^{(11)}-2m_{011}^{(00)}m_{201}^{(22)}m_{031}^{(10)}+2m_{011}^{(00)}m_{120}^{(10)}m_{112}^{(22)}+2m_{011}^{(00)}m_{120}^{(10)}m_{103}^{(21)}\\
&-4m_{011}^{(00)}m_{120}^{(10)}m_{013}^{(20)}-m_{011}^{(00)}m_{120}^{(20)}m_{121}^{(22)}-2m_{011}^{(00)}m_{120}^{(20)}m_{112}^{(21)}-m_{011}^{(00)}m_{120}^{(20)}m_{103}^{(11)}\\
&+2m_{011}^{(00)}m_{120}^{(20)}m_{022}^{(20)}+2m_{011}^{(00)}m_{120}^{(20)}m_{013}^{(10)}-m_{011}^{(00)}m_{120}^{(21)}m_{211}^{(22)}-m_{011}^{(00)}m_{120}^{(21)}m_{202}^{(21)}\\
&+m_{011}^{(00)}m_{120}^{(21)}m_{112}^{(20)}-m_{011}^{(00)}m_{120}^{(21)}m_{103}^{(10)}+2m_{011}^{(00)}m_{120}^{(21)}m_{013}^{(00)}+m_{011}^{(00)}m_{120}^{(22)}m_{211}^{(21)}\\
&+m_{011}^{(00)}m_{120}^{(22)}m_{202}^{(11)}+m_{011}^{(00)}m_{120}^{(22)}m_{121}^{(20)}-m_{011}^{(00)}m_{120}^{(22)}m_{112}^{(10)}-2m_{011}^{(00)}m_{120}^{(22)}m_{022}^{(00)}\\
&-3m_{011}^{(00)}m_{111}^{(10)}m_{121}^{(22)}-4m_{011}^{(00)}m_{111}^{(10)}m_{112}^{(21)}-m_{011}^{(00)}m_{111}^{(10)}m_{103}^{(11)}+6m_{011}^{(00)}m_{111}^{(10)}m_{022}^{(20)}\\
&+2m_{011}^{(00)}m_{111}^{(10)}m_{013}^{(10)}+m_{011}^{(00)}m_{111}^{(11)}m_{211}^{(22)}+m_{011}^{(00)}m_{111}^{(11)}m_{202}^{(21)}-m_{011}^{(00)}m_{111}^{(11)}m_{112}^{(20)}\\
&+m_{011}^{(00)}m_{111}^{(11)}m_{103}^{(10)}-2m_{011}^{(00)}m_{111}^{(11)}m_{013}^{(00)}+m_{011}^{(00)}m_{111}^{(20)}m_{130}^{(22)}+4m_{011}^{(00)}m_{111}^{(20)}m_{121}^{(21)}\\
&+3m_{011}^{(00)}m_{111}^{(20)}m_{112}^{(11)}-2m_{011}^{(00)}m_{111}^{(20)}m_{031}^{(20)}-6m_{011}^{(00)}m_{111}^{(20)}m_{022}^{(10)}+m_{011}^{(00)}m_{111}^{(21)}m_{220}^{(22)}\\
&-m_{011}^{(00)}m_{111}^{(21)}m_{202}^{(11)}-2m_{011}^{(00)}m_{111}^{(21)}m_{121}^{(20)}+2m_{011}^{(00)}m_{111}^{(21)}m_{112}^{(10)}-m_{011}^{(00)}m_{111}^{(22)}m_{220}^{(21)}\\
&-m_{011}^{(00)}m_{111}^{(22)}m_{211}^{(11)}-m_{011}^{(00)}m_{111}^{(22)}m_{130}^{(20)}+m_{011}^{(00)}m_{111}^{(22)}m_{121}^{(10)}+2m_{011}^{(00)}m_{111}^{(22)}m_{031}^{(00)}\\
&+m_{011}^{(00)}m_{102}^{(10)}m_{130}^{(22)}+2m_{011}^{(00)}m_{102}^{(10)}m_{121}^{(21)}+m_{011}^{(00)}m_{102}^{(10)}m_{112}^{(11)}-2m_{011}^{(00)}m_{102}^{(10)}m_{031}^{(20)}\\
&-2m_{011}^{(00)}m_{102}^{(10)}m_{022}^{(10)}-m_{011}^{(00)}m_{102}^{(11)}m_{220}^{(22)}-m_{011}^{(00)}m_{102}^{(11)}m_{211}^{(21)}+m_{011}^{(00)}m_{102}^{(11)}m_{121}^{(20)}\\
&-m_{011}^{(00)}m_{102}^{(11)}m_{112}^{(10)}+2m_{011}^{(00)}m_{102}^{(11)}m_{022}^{(00)}-2m_{011}^{(00)}m_{102}^{(20)}m_{130}^{(21)}-2m_{011}^{(00)}m_{102}^{(20)}m_{121}^{(11)}\\
&+4m_{011}^{(00)}m_{102}^{(20)}m_{031}^{(10)}+m_{011}^{(00)}m_{102}^{(21)}m_{220}^{(21)}+m_{011}^{(00)}m_{102}^{(21)}m_{211}^{(11)}+m_{011}^{(00)}m_{102}^{(21)}m_{130}^{(20)}\\
&-m_{011}^{(00)}m_{102}^{(21)}m_{121}^{(10)}-2m_{011}^{(00)}m_{102}^{(21)}m_{031}^{(00)}-m_{011}^{(00)}m_{030}^{(00)}m_{112}^{(22)}-m_{011}^{(00)}m_{030}^{(00)}m_{103}^{(21)}\\
&+2m_{011}^{(00)}m_{030}^{(00)}m_{013}^{(20)}+m_{011}^{(00)}m_{030}^{(20)}m_{211}^{(22)}+m_{011}^{(00)}m_{030}^{(20)}m_{202}^{(21)}-m_{011}^{(00)}m_{030}^{(20)}m_{112}^{(20)}\\
&+m_{011}^{(00)}m_{030}^{(20)}m_{103}^{(10)}-2m_{011}^{(00)}m_{030}^{(20)}m_{013}^{(00)}-m_{011}^{(00)}m_{030}^{(22)}m_{211}^{(20)}-m_{011}^{(00)}m_{030}^{(22)}m_{202}^{(10)}\\
&+2m_{011}^{(00)}m_{030}^{(22)}m_{112}^{(00)}+2m_{011}^{(00)}m_{021}^{(00)}m_{121}^{(22)}+3m_{011}^{(00)}m_{021}^{(00)}m_{112}^{(21)}+m_{011}^{(00)}m_{021}^{(00)}m_{103}^{(11)}\\
&-4m_{011}^{(00)}m_{021}^{(00)}m_{022}^{(20)}-2m_{011}^{(00)}m_{021}^{(00)}m_{013}^{(10)}-m_{011}^{(00)}m_{021}^{(10)}m_{211}^{(22)}-m_{011}^{(00)}m_{021}^{(10)}m_{202}^{(21)}\\
&+m_{011}^{(00)}m_{021}^{(10)}m_{112}^{(20)}-m_{011}^{(00)}m_{021}^{(10)}m_{103}^{(10)}+2m_{011}^{(00)}m_{021}^{(10)}m_{013}^{(00)}-m_{011}^{(00)}m_{021}^{(20)}m_{220}^{(22)}\\
&-2m_{011}^{(00)}m_{021}^{(20)}m_{211}^{(21)}-m_{011}^{(00)}m_{021}^{(20)}m_{202}^{(11)}+4m_{011}^{(00)}m_{021}^{(20)}m_{022}^{(00)}+2m_{011}^{(00)}m_{021}^{(21)}m_{211}^{(20)}
\end{aligned}
$$

$$+2m_{011}^{(00)}m_{021}^{(21)}m_{202}^{(10)} - 4m_{011}^{(00)}m_{021}^{(21)}m_{112}^{(00)} + m_{011}^{(00)}m_{021}^{(22)}m_{220}^{(20)} + m_{011}^{(00)}m_{021}^{(22)}m_{211}^{(10)}$$
$$-2m_{011}^{(00)}m_{021}^{(22)}m_{121}^{(00)} - m_{011}^{(00)}m_{012}^{(00)}m_{130}^{(22)} - 3m_{011}^{(00)}m_{012}^{(00)}m_{121}^{(21)} - 2m_{011}^{(00)}m_{012}^{(00)}m_{112}^{(11)}$$
$$+2m_{011}^{(00)}m_{012}^{(00)}m_{031}^{(20)} + 4m_{011}^{(00)}m_{012}^{(00)}m_{022}^{(10)} + m_{011}^{(00)}m_{012}^{(10)}m_{220}^{(22)} + 2m_{011}^{(00)}m_{012}^{(10)}m_{211}^{(21)}$$
$$+m_{011}^{(00)}m_{012}^{(10)}m_{202}^{(11)} - 4m_{011}^{(00)}m_{012}^{(10)}m_{022}^{(00)} - m_{011}^{(00)}m_{012}^{(11)}m_{211}^{(20)} - m_{011}^{(00)}m_{012}^{(11)}m_{202}^{(10)}$$
$$+2m_{011}^{(00)}m_{012}^{(11)}m_{112}^{(00)} + m_{011}^{(00)}m_{012}^{(20)}m_{220}^{(21)} + m_{011}^{(00)}m_{012}^{(20)}m_{211}^{(11)} + m_{011}^{(00)}m_{012}^{(20)}m_{130}^{(20)}$$
$$-m_{011}^{(00)}m_{012}^{(20)}m_{121}^{(10)} - 2m_{011}^{(00)}m_{012}^{(20)}m_{031}^{(00)} - 2m_{011}^{(00)}m_{012}^{(21)}m_{220}^{(20)} - 2m_{011}^{(00)}m_{012}^{(21)}m_{211}^{(10)}$$
$$+4m_{011}^{(00)}m_{012}^{(21)}m_{121}^{(00)} + m_{011}^{(00)}m_{003}^{(00)}m_{130}^{(21)} + m_{011}^{(00)}m_{003}^{(00)}m_{121}^{(11)} - 2m_{011}^{(00)}m_{003}^{(00)}m_{031}^{(10)}$$
$$-m_{011}^{(00)}m_{003}^{(10)}m_{220}^{(21)} - m_{011}^{(00)}m_{003}^{(10)}m_{211}^{(11)} - m_{011}^{(00)}m_{003}^{(10)}m_{130}^{(20)} + m_{011}^{(00)}m_{003}^{(10)}m_{121}^{(10)}$$
$$+2m_{011}^{(00)}m_{003}^{(10)}m_{031}^{(00)} + m_{011}^{(00)}m_{003}^{(11)}m_{220}^{(20)} + m_{011}^{(00)}m_{003}^{(11)}m_{211}^{(10)} - 2m_{011}^{(00)}m_{003}^{(11)}m_{121}^{(00)}$$
$$+m_{011}^{(10)}m_{300}^{(11)}m_{112}^{(22)} + m_{011}^{(10)}m_{300}^{(11)}m_{103}^{(21)} - 2m_{011}^{(10)}m_{300}^{(11)}m_{013}^{(20)} - m_{011}^{(10)}m_{300}^{(21)}m_{121}^{(22)}$$
$$-2m_{011}^{(10)}m_{300}^{(21)}m_{112}^{(21)} - m_{011}^{(10)}m_{300}^{(21)}m_{103}^{(11)} + 2m_{011}^{(10)}m_{300}^{(21)}m_{022}^{(20)} + 2m_{011}^{(10)}m_{300}^{(21)}m_{013}^{(10)}$$
$$+m_{011}^{(10)}m_{300}^{(22)}m_{121}^{(21)} + m_{011}^{(10)}m_{300}^{(22)}m_{112}^{(11)} - 2m_{011}^{(10)}m_{300}^{(22)}m_{022}^{(10)} - 2m_{011}^{(10)}m_{210}^{(10)}m_{112}^{(22)}$$
$$-2m_{011}^{(10)}m_{210}^{(10)}m_{103}^{(21)} + 4m_{011}^{(10)}m_{210}^{(10)}m_{013}^{(20)} + m_{011}^{(10)}m_{210}^{(11)}m_{202}^{(22)} - m_{011}^{(10)}m_{210}^{(11)}m_{103}^{(20)}$$
$$+m_{011}^{(10)}m_{210}^{(20)}m_{121}^{(22)} + 2m_{011}^{(10)}m_{210}^{(20)}m_{112}^{(21)} + m_{011}^{(10)}m_{210}^{(20)}m_{103}^{(11)} - 2m_{011}^{(10)}m_{210}^{(20)}m_{022}^{(20)}$$
$$-2m_{011}^{(10)}m_{210}^{(20)}m_{013}^{(10)} + 2m_{011}^{(10)}m_{210}^{(21)}m_{103}^{(10)} - 2m_{011}^{(10)}m_{210}^{(21)}m_{013}^{(00)} - m_{011}^{(10)}m_{210}^{(22)}m_{202}^{(11)}$$
$$-m_{011}^{(10)}m_{210}^{(22)}m_{121}^{(20)} + 2m_{011}^{(10)}m_{210}^{(22)}m_{022}^{(00)} + m_{011}^{(10)}m_{201}^{(10)}m_{121}^{(22)} + 2m_{011}^{(10)}m_{201}^{(10)}m_{112}^{(21)}$$
$$+m_{011}^{(10)}m_{201}^{(10)}m_{103}^{(11)} - 2m_{011}^{(10)}m_{201}^{(10)}m_{022}^{(20)} - 2m_{011}^{(10)}m_{201}^{(10)}m_{013}^{(10)} - 3m_{011}^{(10)}m_{201}^{(11)}m_{211}^{(22)}$$
$$-2m_{011}^{(10)}m_{201}^{(11)}m_{202}^{(21)} + 4m_{011}^{(10)}m_{201}^{(11)}m_{112}^{(20)} - m_{011}^{(10)}m_{201}^{(11)}m_{103}^{(10)} + 2m_{011}^{(10)}m_{201}^{(11)}m_{013}^{(00)}$$
$$-2m_{011}^{(10)}m_{201}^{(20)}m_{121}^{(21)} - 2m_{011}^{(10)}m_{201}^{(20)}m_{112}^{(11)} + 4m_{011}^{(10)}m_{201}^{(20)}m_{022}^{(10)} + 2m_{011}^{(10)}m_{201}^{(21)}m_{220}^{(22)}$$
$$+4m_{011}^{(10)}m_{201}^{(21)}m_{211}^{(21)} + 2m_{011}^{(10)}m_{201}^{(21)}m_{202}^{(11)} - 2m_{011}^{(10)}m_{201}^{(21)}m_{121}^{(20)} - 4m_{011}^{(10)}m_{201}^{(21)}m_{112}^{(10)}$$
$$-2m_{011}^{(10)}m_{201}^{(21)}m_{022}^{(00)} - 2m_{011}^{(10)}m_{201}^{(22)}m_{220}^{(21)} - m_{011}^{(10)}m_{201}^{(22)}m_{211}^{(11)} + 3m_{011}^{(10)}m_{201}^{(22)}m_{121}^{(10)}$$
$$+m_{011}^{(10)}m_{120}^{(00)}m_{112}^{(22)} + m_{011}^{(10)}m_{120}^{(00)}m_{103}^{(21)} - 2m_{011}^{(10)}m_{120}^{(00)}m_{013}^{(20)} - 2m_{011}^{(10)}m_{120}^{(10)}m_{202}^{(22)}$$
$$+2m_{011}^{(10)}m_{120}^{(10)}m_{103}^{(20)} - 2m_{011}^{(10)}m_{120}^{(20)}m_{103}^{(10)} + 2m_{011}^{(10)}m_{120}^{(20)}m_{013}^{(00)} + m_{011}^{(10)}m_{120}^{(20)}m_{301}^{(22)}$$
$$-m_{011}^{(10)}m_{120}^{(21)}m_{103}^{(00)} - m_{011}^{(10)}m_{120}^{(22)}m_{301}^{(21)} + 2m_{011}^{(10)}m_{120}^{(22)}m_{202}^{(10)} - m_{011}^{(10)}m_{120}^{(22)}m_{112}^{(00)}$$
$$-m_{011}^{(10)}m_{111}^{(00)}m_{121}^{(22)} - 2m_{011}^{(10)}m_{111}^{(00)}m_{112}^{(21)} - m_{011}^{(10)}m_{111}^{(00)}m_{103}^{(11)} + 2m_{011}^{(10)}m_{111}^{(00)}m_{022}^{(20)}$$
$$+2m_{011}^{(10)}m_{111}^{(00)}m_{013}^{(10)} + 6m_{011}^{(10)}m_{111}^{(10)}m_{211}^{(22)} + 4m_{011}^{(10)}m_{111}^{(10)}m_{202}^{(21)} - 8m_{011}^{(10)}m_{111}^{(10)}m_{112}^{(20)}$$
$$-2m_{011}^{(10)}m_{111}^{(10)}m_{013}^{(00)} - m_{011}^{(10)}m_{111}^{(11)}m_{301}^{(22)} + m_{011}^{(10)}m_{111}^{(11)}m_{103}^{(00)} - 2m_{011}^{(10)}m_{111}^{(20)}m_{220}^{(22)}$$
$$-4m_{011}^{(10)}m_{111}^{(20)}m_{211}^{(21)} + 4m_{011}^{(10)}m_{111}^{(20)}m_{121}^{(20)} + 4m_{011}^{(10)}m_{111}^{(20)}m_{112}^{(10)} - 2m_{011}^{(10)}m_{111}^{(20)}m_{022}^{(00)}$$
$$-2m_{011}^{(10)}m_{111}^{(21)}m_{310}^{(22)} - 4m_{011}^{(10)}m_{111}^{(21)}m_{202}^{(10)} + 6m_{011}^{(10)}m_{111}^{(21)}m_{112}^{(00)} + 2m_{011}^{(10)}m_{111}^{(22)}m_{310}^{(21)}$$
$$+m_{011}^{(10)}m_{111}^{(22)}m_{301}^{(11)} + 2m_{011}^{(10)}m_{111}^{(22)}m_{220}^{(20)} - 2m_{011}^{(10)}m_{111}^{(22)}m_{211}^{(10)} - 3m_{011}^{(10)}m_{111}^{(22)}m_{121}^{(00)}$$
$$+m_{011}^{(10)}m_{102}^{(00)}m_{121}^{(21)} + m_{011}^{(10)}m_{102}^{(00)}m_{112}^{(11)} - 2m_{011}^{(10)}m_{102}^{(00)}m_{022}^{(10)} - 2m_{011}^{(10)}m_{102}^{(10)}m_{220}^{(22)}$$
$$-4m_{011}^{(10)}m_{102}^{(10)}m_{211}^{(21)} - 2m_{011}^{(10)}m_{102}^{(10)}m_{202}^{(11)} + 2m_{011}^{(10)}m_{102}^{(10)}m_{121}^{(20)} + 4m_{011}^{(10)}m_{102}^{(10)}m_{112}^{(10)}$$
$$+2m_{011}^{(10)}m_{102}^{(10)}m_{022}^{(00)} + 2m_{011}^{(10)}m_{102}^{(11)}m_{310}^{(22)} + m_{011}^{(10)}m_{102}^{(11)}m_{301}^{(21)} + 2m_{011}^{(10)}m_{102}^{(11)}m_{202}^{(10)}$$
$$-5m_{011}^{(10)}m_{102}^{(11)}m_{112}^{(00)} + 4m_{011}^{(10)}m_{102}^{(20)}m_{220}^{(21)} + 2m_{011}^{(10)}m_{102}^{(20)}m_{211}^{(11)} - 6m_{011}^{(10)}m_{102}^{(20)}m_{121}^{(10)}$$
$$-2m_{011}^{(10)}m_{102}^{(21)}m_{310}^{(21)} - m_{011}^{(10)}m_{102}^{(21)}m_{301}^{(11)} - 2m_{011}^{(10)}m_{102}^{(21)}m_{220}^{(20)} + 2m_{011}^{(10)}m_{102}^{(21)}m_{211}^{(10)}$$
$$+3m_{011}^{(10)}m_{102}^{(21)}m_{121}^{(00)} + m_{011}^{(10)}m_{030}^{(00)}m_{202}^{(22)} - m_{011}^{(10)}m_{030}^{(00)}m_{103}^{(20)} - m_{011}^{(10)}m_{030}^{(20)}m_{301}^{(22)}$$
$$+m_{011}^{(10)}m_{030}^{(20)}m_{103}^{(00)} + m_{011}^{(10)}m_{030}^{(22)}m_{301}^{(20)} - m_{011}^{(10)}m_{030}^{(22)}m_{202}^{(00)} - 3m_{011}^{(10)}m_{021}^{(00)}m_{211}^{(22)}$$
$$-2m_{011}^{(10)}m_{021}^{(00)}m_{202}^{(21)} + 4m_{011}^{(10)}m_{021}^{(00)}m_{112}^{(20)} + m_{011}^{(10)}m_{021}^{(00)}m_{103}^{(10)} + m_{011}^{(10)}m_{021}^{(10)}m_{301}^{(22)}$$

$$
\begin{aligned}
&-m_{011}^{(10)}m_{021}^{(10)}m_{103}^{(00)}+2m_{011}^{(10)}m_{021}^{(20)}m_{310}^{(22)}+2m_{011}^{(10)}m_{021}^{(20)}m_{301}^{(21)}-4m_{011}^{(10)}m_{021}^{(20)}m_{112}^{(00)}\\
&-2m_{011}^{(10)}m_{021}^{(21)}m_{301}^{(20)}+2m_{011}^{(10)}m_{021}^{(21)}m_{202}^{(00)}-2m_{011}^{(10)}m_{021}^{(22)}m_{310}^{(20)}-m_{011}^{(10)}m_{021}^{(22)}m_{301}^{(10)}\\
&+3m_{011}^{(10)}m_{021}^{(22)}m_{211}^{(00)}+2m_{011}^{(10)}m_{012}^{(00)}m_{220}^{(22)}+4m_{011}^{(10)}m_{012}^{(00)}m_{211}^{(21)}+m_{011}^{(10)}m_{012}^{(00)}m_{202}^{(11)}\\
&-3m_{011}^{(10)}m_{012}^{(00)}m_{121}^{(20)}-4m_{011}^{(10)}m_{012}^{(00)}m_{112}^{(10)}-2m_{011}^{(10)}m_{012}^{(10)}m_{310}^{(22)}-2m_{011}^{(10)}m_{012}^{(10)}m_{301}^{(21)}\\
&+4m_{011}^{(10)}m_{012}^{(10)}m_{112}^{(00)}+m_{011}^{(10)}m_{012}^{(11)}m_{301}^{(20)}-m_{011}^{(10)}m_{012}^{(11)}m_{202}^{(00)}-2m_{011}^{(10)}m_{012}^{(20)}m_{310}^{(21)}\\
&-m_{011}^{(10)}m_{012}^{(20)}m_{301}^{(11)}-2m_{011}^{(10)}m_{012}^{(20)}m_{220}^{(20)}+2m_{011}^{(10)}m_{012}^{(20)}m_{211}^{(10)}+3m_{011}^{(10)}m_{012}^{(20)}m_{121}^{(00)}\\
&+4m_{011}^{(10)}m_{012}^{(21)}m_{310}^{(20)}+2m_{011}^{(10)}m_{012}^{(21)}m_{301}^{(10)}-6m_{011}^{(10)}m_{012}^{(21)}m_{211}^{(00)}-2m_{011}^{(10)}m_{003}^{(00)}m_{220}^{(21)}\\
&-m_{011}^{(10)}m_{003}^{(00)}m_{211}^{(11)}+3m_{011}^{(10)}m_{003}^{(00)}m_{121}^{(10)}+2m_{011}^{(10)}m_{003}^{(10)}m_{310}^{(21)}+m_{011}^{(10)}m_{003}^{(10)}m_{301}^{(11)}\\
&+2m_{011}^{(10)}m_{003}^{(10)}m_{220}^{(20)}-2m_{011}^{(10)}m_{003}^{(10)}m_{211}^{(10)}-3m_{011}^{(10)}m_{003}^{(10)}m_{121}^{(00)}-2m_{011}^{(10)}m_{003}^{(11)}m_{310}^{(20)}\\
&-m_{011}^{(10)}m_{003}^{(11)}m_{301}^{(10)}+3m_{011}^{(10)}m_{003}^{(11)}m_{211}^{(00)}-m_{011}^{(11)}m_{300}^{(11)}m_{202}^{(22)}+m_{011}^{(11)}m_{300}^{(11)}m_{103}^{(20)}\\
&+m_{011}^{(11)}m_{300}^{(21)}m_{211}^{(22)}+m_{011}^{(11)}m_{300}^{(21)}m_{202}^{(21)}-m_{011}^{(11)}m_{300}^{(21)}m_{112}^{(20)}-m_{011}^{(11)}m_{300}^{(21)}m_{103}^{(10)}\\
&-m_{011}^{(11)}m_{300}^{(22)}m_{211}^{(21)}+m_{011}^{(11)}m_{300}^{(22)}m_{112}^{(10)}+2m_{011}^{(11)}m_{210}^{(10)}m_{202}^{(22)}-2m_{011}^{(11)}m_{210}^{(10)}m_{103}^{(20)}\\
&-m_{011}^{(11)}m_{210}^{(20)}m_{211}^{(22)}-m_{011}^{(11)}m_{210}^{(20)}m_{202}^{(21)}+m_{011}^{(11)}m_{210}^{(20)}m_{112}^{(20)}+m_{011}^{(11)}m_{210}^{(20)}m_{103}^{(10)}\\
&-m_{011}^{(11)}m_{210}^{(21)}m_{301}^{(22)}+m_{011}^{(11)}m_{210}^{(21)}m_{103}^{(00)}+m_{011}^{(11)}m_{210}^{(22)}m_{301}^{(21)}+m_{011}^{(11)}m_{210}^{(22)}m_{211}^{(20)}\\
&-m_{011}^{(11)}m_{210}^{(22)}m_{202}^{(10)}-m_{011}^{(11)}m_{210}^{(22)}m_{112}^{(00)}-m_{011}^{(11)}m_{201}^{(10)}m_{211}^{(22)}-m_{011}^{(11)}m_{201}^{(10)}m_{202}^{(21)}\\
&+m_{011}^{(11)}m_{201}^{(10)}m_{112}^{(20)}+m_{011}^{(11)}m_{201}^{(10)}m_{103}^{(10)}+2m_{011}^{(11)}m_{201}^{(11)}m_{301}^{(22)}-m_{011}^{(11)}m_{201}^{(11)}m_{202}^{(20)}\\
&-m_{011}^{(11)}m_{201}^{(11)}m_{103}^{(00)}+2m_{011}^{(11)}m_{201}^{(20)}m_{211}^{(21)}-2m_{011}^{(11)}m_{201}^{(20)}m_{112}^{(10)}-m_{011}^{(11)}m_{201}^{(21)}m_{310}^{(22)}\\
&-2m_{011}^{(11)}m_{201}^{(21)}m_{301}^{(21)}+2m_{011}^{(11)}m_{201}^{(21)}m_{202}^{(10)}+m_{011}^{(11)}m_{201}^{(21)}m_{112}^{(00)}+m_{011}^{(11)}m_{201}^{(22)}m_{310}^{(21)}\\
&-m_{011}^{(11)}m_{201}^{(22)}m_{211}^{(10)}-m_{011}^{(11)}m_{120}^{(00)}m_{202}^{(22)}+m_{011}^{(11)}m_{120}^{(00)}m_{103}^{(20)}+m_{011}^{(11)}m_{120}^{(20)}m_{301}^{(22)}\\
&-m_{011}^{(11)}m_{120}^{(20)}m_{103}^{(00)}-m_{011}^{(11)}m_{120}^{(22)}m_{301}^{(20)}+m_{011}^{(11)}m_{120}^{(22)}m_{202}^{(00)}+m_{011}^{(11)}m_{111}^{(00)}m_{211}^{(22)}\\
&+m_{011}^{(11)}m_{111}^{(00)}m_{202}^{(21)}-m_{011}^{(11)}m_{111}^{(00)}m_{112}^{(20)}-m_{011}^{(11)}m_{111}^{(00)}m_{103}^{(10)}-3m_{011}^{(11)}m_{111}^{(10)}m_{301}^{(22)}\\
&+2m_{011}^{(11)}m_{111}^{(10)}m_{202}^{(20)}+m_{011}^{(11)}m_{111}^{(10)}m_{103}^{(00)}+m_{011}^{(11)}m_{111}^{(20)}m_{310}^{(22)}-2m_{011}^{(11)}m_{111}^{(20)}m_{211}^{(20)}\\
&+m_{011}^{(11)}m_{111}^{(20)}m_{112}^{(00)}+m_{011}^{(11)}m_{111}^{(21)}m_{400}^{(22)}+2m_{011}^{(11)}m_{111}^{(21)}m_{301}^{(20)}-3m_{011}^{(11)}m_{111}^{(21)}m_{202}^{(00)}\\
&-m_{011}^{(11)}m_{111}^{(22)}m_{400}^{(21)}-m_{011}^{(11)}m_{111}^{(22)}m_{310}^{(20)}+m_{011}^{(11)}m_{111}^{(22)}m_{301}^{(10)}+m_{011}^{(11)}m_{111}^{(22)}m_{211}^{(00)}\\
&-m_{011}^{(11)}m_{102}^{(00)}m_{211}^{(21)}+m_{011}^{(11)}m_{102}^{(00)}m_{112}^{(10)}+m_{011}^{(11)}m_{102}^{(10)}m_{310}^{(22)}+2m_{011}^{(11)}m_{102}^{(10)}m_{301}^{(21)}\\
&-2m_{011}^{(11)}m_{102}^{(10)}m_{202}^{(10)}-m_{011}^{(11)}m_{102}^{(10)}m_{112}^{(00)}-m_{011}^{(11)}m_{102}^{(11)}m_{400}^{(22)}-m_{011}^{(11)}m_{102}^{(11)}m_{301}^{(20)}\\
&+2m_{011}^{(11)}m_{102}^{(11)}m_{202}^{(00)}-2m_{011}^{(11)}m_{102}^{(20)}m_{310}^{(21)}+2m_{011}^{(11)}m_{102}^{(20)}m_{211}^{(10)}+m_{011}^{(11)}m_{102}^{(21)}m_{400}^{(21)}\\
&+m_{011}^{(11)}m_{102}^{(21)}m_{310}^{(20)}-m_{011}^{(11)}m_{102}^{(21)}m_{301}^{(10)}-m_{011}^{(11)}m_{102}^{(21)}m_{211}^{(00)}+m_{011}^{(11)}m_{021}^{(00)}m_{301}^{(22)}\\
&-m_{011}^{(11)}m_{021}^{(00)}m_{202}^{(20)}-m_{011}^{(11)}m_{021}^{(20)}m_{400}^{(22)}+m_{011}^{(11)}m_{021}^{(20)}m_{202}^{(00)}+m_{011}^{(11)}m_{021}^{(22)}m_{400}^{(20)}\\
&-m_{011}^{(11)}m_{021}^{(22)}m_{301}^{(00)}-m_{011}^{(11)}m_{012}^{(00)}m_{310}^{(22)}-m_{011}^{(11)}m_{012}^{(00)}m_{301}^{(21)}+m_{011}^{(11)}m_{012}^{(00)}m_{211}^{(20)}\\
&+m_{011}^{(11)}m_{012}^{(00)}m_{202}^{(10)}+m_{011}^{(11)}m_{012}^{(10)}m_{400}^{(22)}-m_{011}^{(11)}m_{012}^{(10)}m_{202}^{(00)}+m_{011}^{(11)}m_{012}^{(20)}m_{400}^{(21)}\\
&+m_{011}^{(11)}m_{012}^{(20)}m_{310}^{(20)}-m_{011}^{(11)}m_{012}^{(20)}m_{301}^{(10)}-m_{011}^{(11)}m_{012}^{(20)}m_{211}^{(00)}-2m_{011}^{(11)}m_{012}^{(21)}m_{400}^{(20)}\\
&+2m_{011}^{(11)}m_{012}^{(21)}m_{301}^{(00)}+m_{011}^{(11)}m_{003}^{(00)}m_{310}^{(21)}-m_{011}^{(11)}m_{003}^{(00)}m_{211}^{(10)}-m_{011}^{(11)}m_{003}^{(10)}m_{400}^{(21)}\\
&-m_{011}^{(11)}m_{003}^{(10)}m_{310}^{(20)}+m_{011}^{(11)}m_{003}^{(10)}m_{301}^{(10)}+m_{011}^{(11)}m_{003}^{(10)}m_{211}^{(00)}+m_{011}^{(11)}m_{003}^{(11)}m_{400}^{(20)}\\
&-m_{011}^{(11)}m_{003}^{(11)}m_{301}^{(00)}-m_{011}^{(20)}m_{300}^{(11)}m_{121}^{(22)}-m_{011}^{(20)}m_{300}^{(11)}m_{112}^{(21)}+2m_{011}^{(20)}m_{300}^{(11)}m_{022}^{(20)}\\
&+m_{011}^{(20)}m_{300}^{(21)}m_{130}^{(22)}+2m_{011}^{(20)}m_{300}^{(21)}m_{121}^{(21)}+m_{011}^{(20)}m_{300}^{(21)}m_{112}^{(11)}-2m_{011}^{(20)}m_{300}^{(21)}m_{031}^{(20)}\\
&-2m_{011}^{(20)}m_{300}^{(21)}m_{022}^{(10)}-m_{011}^{(20)}m_{300}^{(22)}m_{130}^{(21)}-m_{011}^{(20)}m_{300}^{(22)}m_{121}^{(11)}+2m_{011}^{(20)}m_{300}^{(22)}m_{031}^{(10)}\\
&+2m_{011}^{(20)}m_{210}^{(10)}m_{121}^{(22)}+2m_{011}^{(20)}m_{210}^{(10)}m_{112}^{(21)}-4m_{011}^{(20)}m_{210}^{(10)}m_{022}^{(20)}+m_{011}^{(20)}m_{210}^{(11)}m_{211}^{(22)}
\end{aligned}
$$

$$+2m_{011}^{(20)}m_{210}^{(11)}m_{202}^{(21)} - 3m_{011}^{(20)}m_{210}^{(11)}m_{112}^{(20)} - m_{011}^{(20)}m_{210}^{(20)}m_{130}^{(22)} - 2m_{011}^{(20)}m_{210}^{(20)}m_{121}^{(21)}$$
$$-m_{011}^{(20)}m_{210}^{(20)}m_{112}^{(11)} + 2m_{011}^{(20)}m_{210}^{(20)}m_{031}^{(20)} + 2m_{011}^{(20)}m_{210}^{(20)}m_{022}^{(10)} - 2m_{011}^{(20)}m_{210}^{(21)}m_{220}^{(22)}$$
$$-4m_{011}^{(20)}m_{210}^{(21)}m_{211}^{(21)} - 2m_{011}^{(20)}m_{210}^{(21)}m_{202}^{(11)} + 4m_{011}^{(20)}m_{210}^{(21)}m_{121}^{(20)} + 2m_{011}^{(20)}m_{210}^{(21)}m_{112}^{(10)}$$
$$+2m_{011}^{(20)}m_{210}^{(21)}m_{022}^{(00)} + 2m_{011}^{(20)}m_{210}^{(22)}m_{220}^{(21)} + 3m_{011}^{(20)}m_{210}^{(22)}m_{211}^{(11)} + m_{011}^{(20)}m_{210}^{(22)}m_{130}^{(20)}$$
$$-4m_{011}^{(20)}m_{210}^{(22)}m_{121}^{(10)} - 2m_{011}^{(20)}m_{210}^{(22)}m_{031}^{(00)} - m_{011}^{(20)}m_{201}^{(10)}m_{130}^{(22)} - 2m_{011}^{(20)}m_{201}^{(10)}m_{121}^{(21)}$$
$$-m_{011}^{(20)}m_{201}^{(10)}m_{112}^{(11)} + 2m_{011}^{(20)}m_{201}^{(10)}m_{031}^{(20)} + 2m_{011}^{(20)}m_{201}^{(10)}m_{022}^{(10)} + m_{011}^{(20)}m_{201}^{(11)}m_{220}^{(22)}$$
$$+m_{011}^{(20)}m_{201}^{(11)}m_{112}^{(10)} - 2m_{011}^{(20)}m_{201}^{(11)}m_{022}^{(00)} + 2m_{011}^{(20)}m_{201}^{(20)}m_{130}^{(21)} + 2m_{011}^{(20)}m_{201}^{(20)}m_{121}^{(11)}$$
$$-4m_{011}^{(20)}m_{201}^{(20)}m_{031}^{(10)} - 2m_{011}^{(20)}m_{201}^{(21)}m_{130}^{(20)} + 2m_{011}^{(20)}m_{201}^{(21)}m_{031}^{(00)} - m_{011}^{(20)}m_{201}^{(22)}m_{220}^{(11)}$$
$$+m_{011}^{(20)}m_{201}^{(22)}m_{130}^{(10)} - m_{011}^{(20)}m_{120}^{(00)}m_{121}^{(22)} - m_{011}^{(20)}m_{120}^{(00)}m_{112}^{(21)} + 2m_{011}^{(20)}m_{120}^{(00)}m_{022}^{(20)}$$
$$-2m_{011}^{(20)}m_{120}^{(10)}m_{211}^{(22)} - 4m_{011}^{(20)}m_{120}^{(10)}m_{202}^{(21)} + 6m_{011}^{(20)}m_{120}^{(10)}m_{112}^{(20)} + 2m_{011}^{(20)}m_{120}^{(20)}m_{220}^{(22)}$$
$$+4m_{011}^{(20)}m_{120}^{(20)}m_{211}^{(21)} + 2m_{011}^{(20)}m_{120}^{(20)}m_{202}^{(11)} - 4m_{011}^{(20)}m_{120}^{(20)}m_{121}^{(20)} - 2m_{011}^{(20)}m_{120}^{(20)}m_{112}^{(10)}$$
$$-2m_{011}^{(20)}m_{120}^{(20)}m_{022}^{(00)} + m_{011}^{(20)}m_{120}^{(21)}m_{310}^{(22)} + 2m_{011}^{(20)}m_{120}^{(21)}m_{301}^{(21)} - 2m_{011}^{(20)}m_{120}^{(21)}m_{211}^{(20)}$$
$$+2m_{011}^{(20)}m_{120}^{(21)}m_{202}^{(10)} - 3m_{011}^{(20)}m_{120}^{(21)}m_{112}^{(00)} - m_{011}^{(20)}m_{120}^{(22)}m_{310}^{(21)} - 2m_{011}^{(20)}m_{120}^{(22)}m_{301}^{(11)}$$
$$-2m_{011}^{(20)}m_{120}^{(22)}m_{220}^{(20)} + 5m_{011}^{(20)}m_{120}^{(22)}m_{121}^{(00)} + m_{011}^{(20)}m_{111}^{(00)}m_{130}^{(22)} + 2m_{011}^{(20)}m_{111}^{(00)}m_{121}^{(21)}$$
$$+m_{011}^{(20)}m_{111}^{(00)}m_{112}^{(11)} - 2m_{011}^{(20)}m_{111}^{(00)}m_{031}^{(20)} - 2m_{011}^{(20)}m_{111}^{(00)}m_{022}^{(10)} + 4m_{011}^{(20)}m_{111}^{(10)}m_{211}^{(21)}$$
$$+2m_{011}^{(20)}m_{111}^{(10)}m_{202}^{(11)} - 4m_{011}^{(20)}m_{111}^{(10)}m_{121}^{(20)} - 4m_{011}^{(20)}m_{111}^{(10)}m_{112}^{(10)} + 2m_{011}^{(20)}m_{111}^{(10)}m_{022}^{(00)}$$
$$-m_{011}^{(20)}m_{111}^{(11)}m_{310}^{(22)} - 2m_{011}^{(20)}m_{111}^{(11)}m_{301}^{(21)} + 2m_{011}^{(20)}m_{111}^{(11)}m_{211}^{(20)} - 2m_{011}^{(20)}m_{111}^{(11)}m_{202}^{(10)}$$
$$+3m_{011}^{(20)}m_{111}^{(11)}m_{112}^{(00)} - 4m_{011}^{(20)}m_{111}^{(20)}m_{220}^{(21)} - 6m_{011}^{(20)}m_{111}^{(20)}m_{211}^{(11)} + 8m_{011}^{(20)}m_{111}^{(20)}m_{121}^{(10)}$$
$$+2m_{011}^{(20)}m_{111}^{(20)}m_{031}^{(00)} + 2m_{011}^{(20)}m_{111}^{(21)}m_{301}^{(11)} + 4m_{011}^{(20)}m_{111}^{(21)}m_{220}^{(20)} - 6m_{011}^{(20)}m_{111}^{(21)}m_{121}^{(00)}$$
$$+m_{011}^{(20)}m_{111}^{(22)}m_{310}^{(11)} - m_{011}^{(20)}m_{111}^{(22)}m_{130}^{(00)} - m_{011}^{(20)}m_{102}^{(00)}m_{130}^{(21)} - m_{011}^{(20)}m_{102}^{(00)}m_{121}^{(11)}$$
$$+2m_{011}^{(20)}m_{102}^{(00)}m_{031}^{(10)} + 2m_{011}^{(20)}m_{102}^{(10)}m_{130}^{(20)} - 2m_{011}^{(20)}m_{102}^{(10)}m_{031}^{(00)} + m_{011}^{(20)}m_{102}^{(11)}m_{310}^{(21)}$$
$$-2m_{011}^{(20)}m_{102}^{(11)}m_{220}^{(20)} + m_{011}^{(20)}m_{102}^{(11)}m_{121}^{(00)} + 2m_{011}^{(20)}m_{102}^{(20)}m_{220}^{(11)} - 2m_{011}^{(20)}m_{102}^{(20)}m_{130}^{(10)}$$
$$-m_{011}^{(20)}m_{102}^{(21)}m_{310}^{(11)} + m_{011}^{(20)}m_{102}^{(21)}m_{130}^{(00)} + m_{011}^{(20)}m_{030}^{(00)}m_{211}^{(22)} + 2m_{011}^{(20)}m_{030}^{(00)}m_{202}^{(21)}$$
$$-3m_{011}^{(20)}m_{030}^{(00)}m_{112}^{(20)} - m_{011}^{(20)}m_{030}^{(20)}m_{310}^{(22)} - 2m_{011}^{(20)}m_{030}^{(20)}m_{301}^{(21)} + 2m_{011}^{(20)}m_{030}^{(20)}m_{211}^{(20)}$$
$$-2m_{011}^{(20)}m_{030}^{(20)}m_{202}^{(10)} + 3m_{011}^{(20)}m_{030}^{(20)}m_{112}^{(00)} + m_{011}^{(20)}m_{030}^{(22)}m_{310}^{(20)} + 2m_{011}^{(20)}m_{030}^{(22)}m_{301}^{(10)}$$
$$-3m_{011}^{(20)}m_{030}^{(22)}m_{211}^{(00)} - m_{011}^{(20)}m_{021}^{(00)}m_{220}^{(22)} - 4m_{011}^{(20)}m_{021}^{(00)}m_{211}^{(21)} - 2m_{011}^{(20)}m_{021}^{(00)}m_{202}^{(11)}$$
$$+4m_{011}^{(20)}m_{021}^{(00)}m_{121}^{(20)} + 3m_{011}^{(20)}m_{021}^{(00)}m_{112}^{(10)} + m_{011}^{(20)}m_{021}^{(10)}m_{310}^{(22)} + 2m_{011}^{(20)}m_{021}^{(10)}m_{301}^{(21)}$$
$$-2m_{011}^{(20)}m_{021}^{(10)}m_{211}^{(20)} + 2m_{011}^{(20)}m_{021}^{(10)}m_{202}^{(10)} - 3m_{011}^{(20)}m_{021}^{(10)}m_{112}^{(00)} + 2m_{011}^{(20)}m_{021}^{(20)}m_{310}^{(21)}$$
$$+2m_{011}^{(20)}m_{021}^{(20)}m_{301}^{(11)} - 4m_{011}^{(20)}m_{021}^{(20)}m_{121}^{(00)} - 2m_{011}^{(20)}m_{021}^{(21)}m_{310}^{(20)} - 4m_{011}^{(20)}m_{021}^{(21)}m_{301}^{(10)}$$
$$+6m_{011}^{(20)}m_{021}^{(21)}m_{211}^{(00)} - m_{011}^{(20)}m_{021}^{(22)}m_{310}^{(10)} + m_{011}^{(20)}m_{021}^{(22)}m_{220}^{(00)} + 2m_{011}^{(20)}m_{012}^{(00)}m_{220}^{(21)}$$
$$+3m_{011}^{(20)}m_{012}^{(00)}m_{211}^{(11)} - m_{011}^{(20)}m_{012}^{(00)}m_{130}^{(20)} - 4m_{011}^{(20)}m_{012}^{(00)}m_{121}^{(10)} - 2m_{011}^{(20)}m_{012}^{(10)}m_{310}^{(21)}$$
$$-2m_{011}^{(20)}m_{012}^{(10)}m_{301}^{(11)} + 4m_{011}^{(20)}m_{012}^{(10)}m_{121}^{(00)} + m_{011}^{(20)}m_{012}^{(11)}m_{310}^{(20)} + 2m_{011}^{(20)}m_{012}^{(11)}m_{301}^{(10)}$$
$$-3m_{011}^{(20)}m_{012}^{(11)}m_{211}^{(00)} - m_{011}^{(20)}m_{012}^{(20)}m_{310}^{(11)} + m_{011}^{(20)}m_{012}^{(20)}m_{130}^{(00)} + 2m_{011}^{(20)}m_{012}^{(21)}m_{310}^{(10)}$$
$$-2m_{011}^{(20)}m_{012}^{(21)}m_{220}^{(00)} - m_{011}^{(20)}m_{003}^{(00)}m_{220}^{(11)} + m_{011}^{(20)}m_{003}^{(00)}m_{130}^{(10)} + m_{011}^{(20)}m_{003}^{(10)}m_{310}^{(11)}$$
$$-m_{011}^{(20)}m_{003}^{(10)}m_{130}^{(00)} - m_{011}^{(20)}m_{003}^{(11)}m_{310}^{(10)} + m_{011}^{(20)}m_{003}^{(11)}m_{220}^{(00)} + m_{011}^{(21)}m_{300}^{(11)}m_{211}^{(22)}$$
$$-m_{011}^{(21)}m_{300}^{(11)}m_{202}^{(21)} - m_{011}^{(21)}m_{300}^{(21)}m_{220}^{(22)} + m_{011}^{(21)}m_{300}^{(21)}m_{202}^{(11)} + m_{011}^{(21)}m_{300}^{(22)}m_{220}^{(21)}$$
$$-m_{011}^{(21)}m_{300}^{(22)}m_{211}^{(11)} - 2m_{011}^{(21)}m_{210}^{(10)}m_{211}^{(22)} + 2m_{011}^{(21)}m_{210}^{(10)}m_{202}^{(21)} - m_{011}^{(21)}m_{210}^{(11)}m_{301}^{(22)}$$
$$+m_{011}^{(21)}m_{210}^{(11)}m_{202}^{(20)} + m_{011}^{(21)}m_{210}^{(20)}m_{220}^{(22)} - m_{011}^{(21)}m_{210}^{(20)}m_{202}^{(11)} + 2m_{011}^{(21)}m_{210}^{(21)}m_{310}^{(22)}$$

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\begin{aligned}
&-2m_{011}^{(21)}m_{210}^{(21)}m_{202}^{(10)} - 2m_{011}^{(21)}m_{210}^{(22)}m_{310}^{(21)} + m_{011}^{(21)}m_{210}^{(22)}m_{301}^{(11)} - m_{011}^{(21)}m_{210}^{(22)}m_{220}^{(20)}\\
&+2m_{011}^{(21)}m_{210}^{(22)}m_{211}^{(10)} + m_{011}^{(21)}m_{201}^{(10)}m_{220}^{(22)} - m_{011}^{(21)}m_{201}^{(10)}m_{202}^{(11)} - m_{011}^{(21)}m_{201}^{(11)}m_{310}^{(22)}\\
&+2m_{011}^{(21)}m_{201}^{(11)}m_{301}^{(21)} - 2m_{011}^{(21)}m_{201}^{(11)}m_{211}^{(20)} + m_{011}^{(21)}m_{201}^{(11)}m_{202}^{(10)} - 2m_{011}^{(21)}m_{201}^{(20)}m_{220}^{(21)}\\
&+2m_{011}^{(21)}m_{201}^{(20)}m_{211}^{(11)} - 2m_{011}^{(21)}m_{201}^{(21)}m_{301}^{(11)} + 2m_{011}^{(21)}m_{201}^{(21)}m_{220}^{(20)} + m_{011}^{(21)}m_{201}^{(22)}m_{310}^{(11)}\\
&-m_{011}^{(21)}m_{201}^{(22)}m_{220}^{(10)} + m_{011}^{(21)}m_{120}^{(00)}m_{211}^{(22)} - m_{011}^{(21)}m_{120}^{(00)}m_{202}^{(21)} + 2m_{011}^{(21)}m_{120}^{(10)}m_{301}^{(22)}\\
&-2m_{011}^{(21)}m_{120}^{(10)}m_{202}^{(20)} - 2m_{011}^{(21)}m_{120}^{(20)}m_{310}^{(22)} + 2m_{011}^{(21)}m_{120}^{(20)}m_{202}^{(10)} - m_{011}^{(21)}m_{120}^{(21)}m_{400}^{(22)}\\
&+m_{011}^{(21)}m_{120}^{(21)}m_{202}^{(00)} + m_{011}^{(21)}m_{120}^{(22)}m_{400}^{(21)} + 2m_{011}^{(21)}m_{120}^{(22)}m_{310}^{(20)} - 2m_{011}^{(21)}m_{120}^{(22)}m_{301}^{(10)}\\
&-m_{011}^{(21)}m_{120}^{(22)}m_{211}^{(00)} - m_{011}^{(21)}m_{111}^{(00)}m_{220}^{(22)} + m_{011}^{(21)}m_{111}^{(00)}m_{202}^{(11)} - 4m_{011}^{(21)}m_{111}^{(10)}m_{301}^{(21)}\\
&+4m_{011}^{(21)}m_{111}^{(10)}m_{211}^{(20)} + m_{011}^{(21)}m_{111}^{(11)}m_{400}^{(22)} - m_{011}^{(21)}m_{111}^{(11)}m_{202}^{(00)} + 4m_{011}^{(21)}m_{111}^{(20)}m_{310}^{(21)}\\
&-4m_{011}^{(21)}m_{111}^{(20)}m_{211}^{(10)} - 4m_{011}^{(21)}m_{111}^{(21)}m_{310}^{(20)} + 4m_{011}^{(21)}m_{111}^{(21)}m_{301}^{(10)} - m_{011}^{(21)}m_{111}^{(22)}m_{400}^{(11)}\\
&+m_{011}^{(21)}m_{111}^{(22)}m_{220}^{(00)} + m_{011}^{(21)}m_{102}^{(00)}m_{220}^{(21)} - m_{011}^{(21)}m_{102}^{(00)}m_{211}^{(11)} + 2m_{011}^{(21)}m_{102}^{(10)}m_{301}^{(11)}\\
&-2m_{011}^{(21)}m_{102}^{(10)}m_{220}^{(20)} - m_{011}^{(21)}m_{102}^{(11)}m_{400}^{(21)} + 2m_{011}^{(21)}m_{102}^{(11)}m_{310}^{(20)} - 2m_{011}^{(21)}m_{102}^{(11)}m_{301}^{(10)}\\
&+m_{011}^{(21)}m_{102}^{(11)}m_{211}^{(00)} - 2m_{011}^{(21)}m_{102}^{(20)}m_{310}^{(11)} + 2m_{011}^{(21)}m_{102}^{(20)}m_{220}^{(10)} + m_{011}^{(21)}m_{102}^{(21)}m_{400}^{(11)}\\
&-m_{011}^{(21)}m_{102}^{(21)}m_{220}^{(00)} - m_{011}^{(21)}m_{030}^{(00)}m_{301}^{(22)} + m_{011}^{(21)}m_{030}^{(00)}m_{202}^{(20)} + m_{011}^{(21)}m_{030}^{(20)}m_{400}^{(22)}\\
&-m_{011}^{(21)}m_{030}^{(20)}m_{202}^{(00)} - m_{011}^{(21)}m_{030}^{(22)}m_{400}^{(20)} + m_{011}^{(21)}m_{030}^{(22)}m_{301}^{(00)} + m_{011}^{(21)}m_{021}^{(00)}m_{310}^{(22)}\\
&+2m_{011}^{(21)}m_{021}^{(00)}m_{301}^{(21)} - 2m_{011}^{(21)}m_{021}^{(00)}m_{211}^{(20)} - m_{011}^{(21)}m_{021}^{(00)}m_{202}^{(10)} - m_{011}^{(21)}m_{021}^{(10)}m_{400}^{(22)}\\
&+m_{011}^{(21)}m_{021}^{(10)}m_{202}^{(00)} - 2m_{011}^{(21)}m_{021}^{(20)}m_{400}^{(21)} + 2m_{011}^{(21)}m_{021}^{(20)}m_{211}^{(00)} + 2m_{011}^{(21)}m_{021}^{(21)}m_{400}^{(20)}\\
&-2m_{011}^{(21)}m_{021}^{(21)}m_{301}^{(00)} + m_{011}^{(21)}m_{021}^{(22)}m_{400}^{(10)} - m_{011}^{(21)}m_{021}^{(22)}m_{310}^{(00)} - 2m_{011}^{(21)}m_{012}^{(00)}m_{310}^{(21)}\\
&-m_{011}^{(21)}m_{012}^{(00)}m_{301}^{(11)} + m_{011}^{(21)}m_{012}^{(00)}m_{220}^{(20)} + 2m_{011}^{(21)}m_{012}^{(00)}m_{211}^{(10)} + 2m_{011}^{(21)}m_{012}^{(10)}m_{400}^{(21)}\\
&-2m_{011}^{(21)}m_{012}^{(10)}m_{211}^{(00)} - m_{011}^{(21)}m_{012}^{(11)}m_{400}^{(20)} + m_{011}^{(21)}m_{012}^{(11)}m_{301}^{(00)} + m_{011}^{(21)}m_{012}^{(20)}m_{400}^{(11)}\\
&-m_{011}^{(21)}m_{012}^{(20)}m_{220}^{(00)} - 2m_{011}^{(21)}m_{012}^{(21)}m_{400}^{(10)} + 2m_{011}^{(21)}m_{012}^{(21)}m_{310}^{(00)} + m_{011}^{(21)}m_{003}^{(00)}m_{310}^{(11)}\\
&-m_{011}^{(21)}m_{003}^{(00)}m_{220}^{(10)} - m_{011}^{(21)}m_{003}^{(10)}m_{400}^{(11)} + m_{011}^{(21)}m_{003}^{(10)}m_{220}^{(00)} + m_{011}^{(21)}m_{003}^{(11)}m_{400}^{(10)}\\
&-m_{011}^{(21)}m_{003}^{(11)}m_{310}^{(00)} + m_{011}^{(22)}m_{300}^{(11)}m_{211}^{(21)} - m_{011}^{(22)}m_{300}^{(11)}m_{121}^{(20)} - m_{011}^{(22)}m_{300}^{(21)}m_{220}^{(21)}\\
&-m_{011}^{(22)}m_{300}^{(21)}m_{211}^{(11)} + m_{011}^{(22)}m_{300}^{(21)}m_{130}^{(20)} + m_{011}^{(22)}m_{300}^{(21)}m_{121}^{(10)} + m_{011}^{(22)}m_{300}^{(22)}m_{220}^{(11)}\\
&-m_{011}^{(22)}m_{300}^{(22)}m_{130}^{(10)} - 2m_{011}^{(22)}m_{210}^{(10)}m_{211}^{(21)} + 2m_{011}^{(22)}m_{210}^{(10)}m_{121}^{(20)} - m_{011}^{(22)}m_{210}^{(11)}m_{301}^{(21)}\\
&+m_{011}^{(22)}m_{210}^{(11)}m_{211}^{(20)} + m_{011}^{(22)}m_{210}^{(20)}m_{220}^{(21)} + m_{011}^{(22)}m_{210}^{(20)}m_{211}^{(11)} - m_{011}^{(22)}m_{210}^{(20)}m_{130}^{(20)}\\
&-m_{011}^{(22)}m_{210}^{(20)}m_{121}^{(10)} + 2m_{011}^{(22)}m_{210}^{(21)}m_{310}^{(21)} + m_{011}^{(22)}m_{210}^{(21)}m_{301}^{(11)} - 2m_{011}^{(22)}m_{210}^{(21)}m_{220}^{(20)}\\
&-m_{011}^{(22)}m_{210}^{(21)}m_{121}^{(00)} - 2m_{011}^{(22)}m_{210}^{(22)}m_{310}^{(11)} + m_{011}^{(22)}m_{210}^{(22)}m_{220}^{(10)} + m_{011}^{(22)}m_{210}^{(22)}m_{130}^{(00)}\\
&+m_{011}^{(22)}m_{201}^{(10)}m_{220}^{(21)} + m_{011}^{(22)}m_{201}^{(10)}m_{211}^{(11)} - m_{011}^{(22)}m_{201}^{(10)}m_{130}^{(20)} - m_{011}^{(22)}m_{201}^{(10)}m_{121}^{(10)}\\
&-m_{011}^{(22)}m_{201}^{(11)}m_{310}^{(21)} + m_{011}^{(22)}m_{201}^{(11)}m_{220}^{(20)} - m_{011}^{(22)}m_{201}^{(11)}m_{211}^{(10)} + m_{011}^{(22)}m_{201}^{(11)}m_{121}^{(00)}\\
&-2m_{011}^{(22)}m_{201}^{(20)}m_{220}^{(11)} + 2m_{011}^{(22)}m_{201}^{(20)}m_{130}^{(10)} + m_{011}^{(22)}m_{201}^{(21)}m_{310}^{(11)} - m_{011}^{(22)}m_{201}^{(21)}m_{130}^{(00)}\\
&+m_{011}^{(22)}m_{120}^{(00)}m_{211}^{(21)} - m_{011}^{(22)}m_{120}^{(00)}m_{121}^{(20)} + 2m_{011}^{(22)}m_{120}^{(10)}m_{301}^{(21)} - 2m_{011}^{(22)}m_{120}^{(10)}m_{211}^{(20)}\\
&-2m_{011}^{(22)}m_{120}^{(20)}m_{310}^{(21)} - m_{011}^{(22)}m_{120}^{(20)}m_{301}^{(11)} + 2m_{011}^{(22)}m_{120}^{(20)}m_{220}^{(20)} + m_{011}^{(22)}m_{120}^{(20)}m_{121}^{(00)}\\
&-m_{011}^{(22)}m_{120}^{(21)}m_{400}^{(21)} + m_{011}^{(22)}m_{120}^{(21)}m_{310}^{(20)} - m_{011}^{(22)}m_{120}^{(21)}m_{301}^{(10)} + m_{011}^{(22)}m_{120}^{(21)}m_{211}^{(00)}\\
&+m_{011}^{(22)}m_{120}^{(22)}m_{400}^{(11)} + m_{011}^{(22)}m_{120}^{(22)}m_{310}^{(10)} - 2m_{011}^{(22)}m_{120}^{(22)}m_{220}^{(00)} - m_{011}^{(22)}m_{111}^{(00)}m_{220}^{(21)}\\
&-m_{011}^{(22)}m_{111}^{(00)}m_{211}^{(11)} + m_{011}^{(22)}m_{111}^{(00)}m_{130}^{(20)} + m_{011}^{(22)}m_{111}^{(00)}m_{121}^{(10)} - m_{011}^{(22)}m_{111}^{(10)}m_{301}^{(11)}\\
&+2m_{011}^{(22)}m_{111}^{(10)}m_{211}^{(10)} - m_{011}^{(22)}m_{111}^{(10)}m_{121}^{(00)} + m_{011}^{(22)}m_{111}^{(11)}m_{400}^{(21)} - m_{011}^{(22)}m_{111}^{(11)}m_{310}^{(20)}\\
&+m_{011}^{(22)}m_{111}^{(11)}m_{301}^{(10)} - m_{011}^{(22)}m_{111}^{(11)}m_{211}^{(00)} + 3m_{011}^{(22)}m_{111}^{(20)}m_{310}^{(11)} - 2m_{011}^{(22)}m_{111}^{(20)}m_{220}^{(10)}
\end{aligned}
$$

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\begin{aligned}
&-m_{011}^{(22)}m_{111}^{(20)}m_{130}^{(00)} - m_{011}^{(22)}m_{111}^{(21)}m_{400}^{(11)} - 2m_{011}^{(22)}m_{111}^{(21)}m_{310}^{(10)} + 3m_{011}^{(22)}m_{111}^{(21)}m_{220}^{(00)}\\
&+m_{011}^{(22)}m_{102}^{(00)}m_{220}^{(11)} - m_{011}^{(22)}m_{102}^{(00)}m_{130}^{(10)} - m_{011}^{(22)}m_{102}^{(10)}m_{310}^{(11)} + m_{011}^{(22)}m_{102}^{(10)}m_{130}^{(00)}\\
&+m_{011}^{(22)}m_{102}^{(11)}m_{310}^{(10)} - m_{011}^{(22)}m_{102}^{(11)}m_{220}^{(00)} - m_{011}^{(22)}m_{030}^{(00)}m_{301}^{(21)} + m_{011}^{(22)}m_{030}^{(00)}m_{211}^{(20)}\\
&+m_{011}^{(22)}m_{030}^{(20)}m_{400}^{(21)} - m_{011}^{(22)}m_{030}^{(20)}m_{310}^{(20)} + m_{011}^{(22)}m_{030}^{(20)}m_{301}^{(10)} - m_{011}^{(22)}m_{030}^{(20)}m_{211}^{(00)}\\
&-m_{011}^{(22)}m_{030}^{(22)}m_{400}^{(10)} + m_{011}^{(22)}m_{030}^{(22)}m_{310}^{(00)} + m_{011}^{(22)}m_{021}^{(00)}m_{310}^{(21)} + m_{011}^{(22)}m_{021}^{(00)}m_{301}^{(11)}\\
&-m_{011}^{(22)}m_{021}^{(00)}m_{220}^{(20)} - m_{011}^{(22)}m_{021}^{(00)}m_{211}^{(10)} - m_{011}^{(22)}m_{021}^{(10)}m_{400}^{(21)} + m_{011}^{(22)}m_{021}^{(10)}m_{310}^{(20)}\\
&-m_{011}^{(22)}m_{021}^{(10)}m_{301}^{(10)} + m_{011}^{(22)}m_{021}^{(10)}m_{211}^{(00)} - m_{011}^{(22)}m_{021}^{(20)}m_{400}^{(11)} + m_{011}^{(22)}m_{021}^{(20)}m_{220}^{(00)}\\
&+2m_{011}^{(22)}m_{021}^{(21)}m_{400}^{(10)} - 2m_{011}^{(22)}m_{021}^{(21)}m_{310}^{(00)} - m_{011}^{(22)}m_{012}^{(00)}m_{310}^{(11)} + m_{011}^{(22)}m_{012}^{(00)}m_{220}^{(10)}\\
&+m_{011}^{(22)}m_{012}^{(10)}m_{400}^{(11)} - m_{011}^{(22)}m_{012}^{(10)}m_{220}^{(00)} - m_{011}^{(22)}m_{012}^{(11)}m_{400}^{(10)} + m_{011}^{(22)}m_{012}^{(11)}m_{310}^{(00)}\\
&+m_{002}^{(00)}m_{210}^{(11)}m_{112}^{(21)} - m_{002}^{(00)}m_{210}^{(11)}m_{022}^{(20)} - m_{002}^{(00)}m_{210}^{(21)}m_{121}^{(21)} - m_{002}^{(00)}m_{210}^{(21)}m_{112}^{(11)}\\
&+m_{002}^{(00)}m_{210}^{(21)}m_{031}^{(20)} + m_{002}^{(00)}m_{210}^{(21)}m_{022}^{(10)} + m_{002}^{(00)}m_{210}^{(22)}m_{121}^{(11)} - m_{002}^{(00)}m_{210}^{(22)}m_{031}^{(10)}\\
&-m_{002}^{(00)}m_{201}^{(11)}m_{121}^{(21)} + m_{002}^{(00)}m_{201}^{(11)}m_{031}^{(20)} + m_{002}^{(00)}m_{201}^{(21)}m_{130}^{(21)} + m_{002}^{(00)}m_{201}^{(21)}m_{121}^{(11)}\\
&-m_{002}^{(00)}m_{201}^{(21)}m_{040}^{(20)} - m_{002}^{(00)}m_{201}^{(21)}m_{031}^{(10)} - m_{002}^{(00)}m_{201}^{(22)}m_{130}^{(11)} + m_{002}^{(00)}m_{201}^{(22)}m_{040}^{(10)}\\
&-2m_{002}^{(00)}m_{120}^{(10)}m_{112}^{(21)} + 2m_{002}^{(00)}m_{120}^{(10)}m_{022}^{(20)} + m_{002}^{(00)}m_{120}^{(20)}m_{121}^{(21)} + m_{002}^{(00)}m_{120}^{(20)}m_{112}^{(11)}\\
&-m_{002}^{(00)}m_{120}^{(20)}m_{031}^{(20)} - m_{002}^{(00)}m_{120}^{(20)}m_{022}^{(10)} + m_{002}^{(00)}m_{120}^{(21)}m_{211}^{(21)} - m_{002}^{(00)}m_{120}^{(21)}m_{121}^{(20)}\\
&+m_{002}^{(00)}m_{120}^{(21)}m_{112}^{(10)} - m_{002}^{(00)}m_{120}^{(21)}m_{022}^{(00)} - m_{002}^{(00)}m_{120}^{(22)}m_{211}^{(11)} + m_{002}^{(00)}m_{120}^{(22)}m_{031}^{(00)}\\
&+3m_{002}^{(00)}m_{111}^{(10)}m_{121}^{(21)} + m_{002}^{(00)}m_{111}^{(10)}m_{112}^{(11)} - 3m_{002}^{(00)}m_{111}^{(10)}m_{031}^{(20)} - m_{002}^{(00)}m_{111}^{(10)}m_{022}^{(10)}\\
&-m_{002}^{(00)}m_{111}^{(11)}m_{211}^{(21)} + m_{002}^{(00)}m_{111}^{(11)}m_{121}^{(20)} - m_{002}^{(00)}m_{111}^{(11)}m_{112}^{(10)} + m_{002}^{(00)}m_{111}^{(11)}m_{022}^{(00)}\\
&-m_{002}^{(00)}m_{111}^{(20)}m_{130}^{(21)} - 3m_{002}^{(00)}m_{111}^{(20)}m_{121}^{(11)} + m_{002}^{(00)}m_{111}^{(20)}m_{040}^{(20)} + 3m_{002}^{(00)}m_{111}^{(20)}m_{031}^{(10)}\\
&-m_{002}^{(00)}m_{111}^{(21)}m_{220}^{(11)} + m_{002}^{(00)}m_{111}^{(21)}m_{211}^{(11)} + m_{002}^{(00)}m_{111}^{(21)}m_{130}^{(20)} - m_{002}^{(00)}m_{111}^{(21)}m_{121}^{(10)}\\
&+m_{002}^{(00)}m_{111}^{(22)}m_{220}^{(11)} - m_{002}^{(00)}m_{111}^{(22)}m_{040}^{(00)} - m_{002}^{(00)}m_{102}^{(10)}m_{130}^{(21)} - m_{002}^{(00)}m_{102}^{(10)}m_{121}^{(11)}\\
&+m_{002}^{(00)}m_{102}^{(10)}m_{040}^{(20)} + m_{002}^{(00)}m_{102}^{(10)}m_{031}^{(10)} + m_{002}^{(00)}m_{102}^{(11)}m_{220}^{(21)} - m_{002}^{(00)}m_{102}^{(11)}m_{130}^{(20)}\\
&+m_{002}^{(00)}m_{102}^{(11)}m_{121}^{(10)} - m_{002}^{(00)}m_{102}^{(11)}m_{031}^{(00)} + 2m_{002}^{(00)}m_{102}^{(20)}m_{130}^{(11)} - 2m_{002}^{(00)}m_{102}^{(20)}m_{040}^{(10)}\\
&-m_{002}^{(00)}m_{102}^{(21)}m_{220}^{(11)} + m_{002}^{(00)}m_{102}^{(21)}m_{040}^{(00)} + m_{002}^{(00)}m_{030}^{(00)}m_{112}^{(21)} - m_{002}^{(00)}m_{030}^{(00)}m_{022}^{(20)}\\
&-m_{002}^{(00)}m_{030}^{(20)}m_{211}^{(21)} + m_{002}^{(00)}m_{030}^{(20)}m_{121}^{(20)} - m_{002}^{(00)}m_{030}^{(20)}m_{112}^{(10)} + m_{002}^{(00)}m_{030}^{(20)}m_{022}^{(00)}\\
&+m_{002}^{(00)}m_{030}^{(22)}m_{211}^{(10)} - m_{002}^{(00)}m_{030}^{(22)}m_{121}^{(00)} - 2m_{002}^{(00)}m_{021}^{(00)}m_{121}^{(21)} - m_{002}^{(00)}m_{021}^{(00)}m_{112}^{(11)}\\
&+2m_{002}^{(00)}m_{021}^{(00)}m_{031}^{(20)} + m_{002}^{(00)}m_{021}^{(00)}m_{022}^{(10)} + m_{002}^{(00)}m_{021}^{(10)}m_{211}^{(21)} - m_{002}^{(00)}m_{021}^{(10)}m_{121}^{(20)}\\
&+m_{002}^{(00)}m_{021}^{(10)}m_{112}^{(10)} - m_{002}^{(00)}m_{021}^{(10)}m_{022}^{(00)} + m_{002}^{(00)}m_{021}^{(20)}m_{220}^{(21)} + m_{002}^{(00)}m_{021}^{(20)}m_{211}^{(11)}\\
&-m_{002}^{(00)}m_{021}^{(20)}m_{130}^{(20)} + m_{002}^{(00)}m_{021}^{(20)}m_{121}^{(10)} - 2m_{002}^{(00)}m_{021}^{(20)}m_{031}^{(00)} - 2m_{002}^{(00)}m_{021}^{(21)}m_{211}^{(10)}\\
&+2m_{002}^{(00)}m_{021}^{(21)}m_{121}^{(00)} - m_{002}^{(00)}m_{021}^{(22)}m_{220}^{(10)} + m_{002}^{(00)}m_{021}^{(22)}m_{130}^{(00)} + m_{002}^{(00)}m_{012}^{(00)}m_{130}^{(21)}\\
&+2m_{002}^{(00)}m_{012}^{(00)}m_{121}^{(11)} - m_{002}^{(00)}m_{012}^{(00)}m_{040}^{(20)} - 2m_{002}^{(00)}m_{012}^{(00)}m_{031}^{(10)} - m_{002}^{(00)}m_{012}^{(10)}m_{012}^{(21)}\\
&-m_{002}^{(00)}m_{012}^{(10)}m_{211}^{(11)} + m_{002}^{(00)}m_{012}^{(10)}m_{130}^{(20)} - m_{002}^{(00)}m_{012}^{(10)}m_{121}^{(10)} + 2m_{002}^{(00)}m_{012}^{(10)}m_{031}^{(00)}\\
&+m_{002}^{(00)}m_{012}^{(11)}m_{211}^{(10)} - m_{002}^{(00)}m_{012}^{(11)}m_{121}^{(00)} - m_{002}^{(00)}m_{012}^{(20)}m_{220}^{(11)} + m_{002}^{(00)}m_{012}^{(20)}m_{040}^{(00)}\\
&+2m_{002}^{(00)}m_{012}^{(21)}m_{220}^{(10)} - 2m_{002}^{(00)}m_{012}^{(21)}m_{130}^{(00)} - m_{002}^{(00)}m_{003}^{(00)}m_{130}^{(11)} + m_{002}^{(00)}m_{003}^{(00)}m_{040}^{(10)}\\
&+m_{002}^{(00)}m_{003}^{(10)}m_{220}^{(11)} - m_{002}^{(00)}m_{003}^{(10)}m_{040}^{(00)} - m_{002}^{(00)}m_{003}^{(11)}m_{220}^{(10)} + m_{002}^{(00)}m_{003}^{(11)}m_{130}^{(00)}\\
&-m_{002}^{(10)}m_{300}^{(11)}m_{112}^{(21)} + m_{002}^{(10)}m_{300}^{(11)}m_{022}^{(20)} + m_{002}^{(10)}m_{300}^{(21)}m_{121}^{(21)} + m_{002}^{(10)}m_{300}^{(21)}m_{112}^{(11)}\\
&-m_{002}^{(10)}m_{300}^{(21)}m_{031}^{(20)} - m_{002}^{(10)}m_{300}^{(21)}m_{022}^{(10)} - m_{002}^{(10)}m_{300}^{(22)}m_{121}^{(11)} + m_{002}^{(10)}m_{300}^{(22)}m_{031}^{(10)}\\
&+2m_{002}^{(10)}m_{210}^{(10)}m_{112}^{(21)} - 2m_{002}^{(10)}m_{210}^{(10)}m_{022}^{(20)} - m_{002}^{(10)}m_{210}^{(11)}m_{202}^{(21)} + m_{002}^{(10)}m_{210}^{(11)}m_{112}^{(20)}
\end{aligned}
$$

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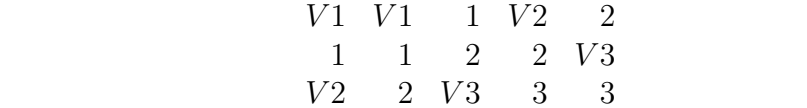
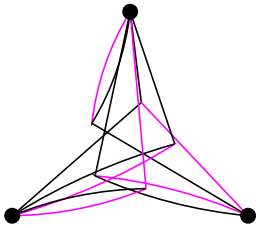
\begin{aligned}
&-m_{002}^{(10)}m_{210}^{(20)}m_{121}^{(21)} - m_{002}^{(10)}m_{210}^{(20)}m_{112}^{(11)} + m_{002}^{(10)}m_{210}^{(20)}m_{031}^{(20)} + m_{002}^{(10)}m_{210}^{(20)}m_{022}^{(10)}\\
&+m_{002}^{(10)}m_{210}^{(21)}m_{202}^{(11)} - 2m_{002}^{(10)}m_{210}^{(21)}m_{112}^{(10)} + m_{002}^{(10)}m_{210}^{(21)}m_{031}^{(00)} + m_{002}^{(10)}m_{210}^{(22)}m_{121}^{(10)}\\
&-m_{002}^{(10)}m_{210}^{(22)}m_{031}^{(00)} - m_{002}^{(10)}m_{201}^{(10)}m_{121}^{(21)} - m_{002}^{(10)}m_{201}^{(10)}m_{112}^{(11)} + m_{002}^{(10)}m_{201}^{(10)}m_{031}^{(20)}\\
&+m_{002}^{(10)}m_{201}^{(10)}m_{022}^{(10)} + 3m_{002}^{(10)}m_{201}^{(11)}m_{211}^{(21)} - 3m_{002}^{(10)}m_{201}^{(11)}m_{121}^{(20)} + m_{002}^{(10)}m_{201}^{(11)}m_{112}^{(10)}\\
&-m_{002}^{(10)}m_{201}^{(11)}m_{022}^{(00)} + 2m_{002}^{(10)}m_{201}^{(20)}m_{121}^{(11)} - 2m_{002}^{(10)}m_{201}^{(20)}m_{031}^{(10)} - 2m_{002}^{(10)}m_{201}^{(21)}m_{220}^{(21)}\\
&-3m_{002}^{(10)}m_{201}^{(21)}m_{211}^{(11)} + 2m_{002}^{(10)}m_{201}^{(21)}m_{130}^{(20)} + 2m_{002}^{(10)}m_{201}^{(21)}m_{121}^{(10)} + m_{002}^{(10)}m_{201}^{(21)}m_{031}^{(00)}\\
&+2m_{002}^{(10)}m_{201}^{(22)}m_{220}^{(11)} - 2m_{002}^{(10)}m_{201}^{(22)}m_{130}^{(10)} - m_{002}^{(10)}m_{120}^{(00)}m_{112}^{(21)} + m_{002}^{(10)}m_{120}^{(00)}m_{022}^{(20)}\\
&+2m_{002}^{(10)}m_{120}^{(10)}m_{202}^{(21)} - 2m_{002}^{(10)}m_{120}^{(10)}m_{112}^{(20)} - m_{002}^{(10)}m_{120}^{(20)}m_{202}^{(11)} + 2m_{002}^{(10)}m_{120}^{(20)}m_{112}^{(10)}\\
&-m_{002}^{(10)}m_{120}^{(20)}m_{022}^{(00)} - m_{002}^{(10)}m_{120}^{(21)}m_{301}^{(21)} + m_{002}^{(10)}m_{120}^{(21)}m_{211}^{(20)} - m_{002}^{(10)}m_{120}^{(21)}m_{202}^{(10)}\\
&+m_{002}^{(10)}m_{120}^{(21)}m_{112}^{(00)} + m_{002}^{(10)}m_{120}^{(22)}m_{301}^{(11)} - m_{002}^{(10)}m_{120}^{(22)}m_{211}^{(10)} + m_{002}^{(10)}m_{111}^{(00)}m_{121}^{(21)}\\
&+m_{002}^{(10)}m_{111}^{(00)}m_{112}^{(11)} - m_{002}^{(10)}m_{111}^{(00)}m_{031}^{(20)} - m_{002}^{(10)}m_{111}^{(00)}m_{022}^{(10)} - 6m_{002}^{(10)}m_{111}^{(10)}m_{211}^{(21)}\\
&-m_{002}^{(10)}m_{111}^{(10)}m_{202}^{(11)} + 6m_{002}^{(10)}m_{111}^{(10)}m_{121}^{(20)} + m_{002}^{(10)}m_{111}^{(10)}m_{022}^{(00)} + m_{002}^{(10)}m_{111}^{(11)}m_{301}^{(21)}\\
&-m_{002}^{(10)}m_{111}^{(11)}m_{211}^{(20)} + m_{002}^{(10)}m_{111}^{(11)}m_{202}^{(10)} - m_{002}^{(10)}m_{111}^{(11)}m_{112}^{(00)} + 2m_{002}^{(10)}m_{111}^{(20)}m_{220}^{(21)}\\
&+3m_{002}^{(10)}m_{111}^{(20)}m_{211}^{(11)} - 2m_{002}^{(10)}m_{111}^{(20)}m_{130}^{(20)} - 4m_{002}^{(10)}m_{111}^{(20)}m_{121}^{(10)} + m_{002}^{(10)}m_{111}^{(20)}m_{031}^{(00)}\\
&+2m_{002}^{(10)}m_{111}^{(21)}m_{310}^{(21)} - m_{002}^{(10)}m_{111}^{(21)}m_{301}^{(11)} - 2m_{002}^{(10)}m_{111}^{(21)}m_{220}^{(20)} + 4m_{002}^{(10)}m_{111}^{(21)}m_{211}^{(10)}\\
&-3m_{002}^{(10)}m_{111}^{(21)}m_{121}^{(00)} - 2m_{002}^{(10)}m_{111}^{(22)}m_{310}^{(11)} + 2m_{002}^{(10)}m_{111}^{(22)}m_{130}^{(00)} - m_{002}^{(10)}m_{102}^{(00)}m_{121}^{(11)}\\
&+m_{002}^{(10)}m_{102}^{(00)}m_{031}^{(10)} + 2m_{002}^{(10)}m_{102}^{(10)}m_{220}^{(21)} + 3m_{002}^{(10)}m_{102}^{(10)}m_{211}^{(11)} - 2m_{002}^{(10)}m_{102}^{(10)}m_{130}^{(20)}\\
&-2m_{002}^{(10)}m_{102}^{(10)}m_{121}^{(10)} - m_{002}^{(10)}m_{102}^{(10)}m_{031}^{(00)} - 2m_{002}^{(10)}m_{102}^{(11)}m_{310}^{(21)} + 2m_{002}^{(10)}m_{102}^{(11)}m_{220}^{(20)}\\
&-3m_{002}^{(10)}m_{102}^{(11)}m_{211}^{(10)} + 3m_{002}^{(10)}m_{102}^{(11)}m_{121}^{(00)} - 4m_{002}^{(10)}m_{102}^{(20)}m_{220}^{(11)} + 4m_{002}^{(10)}m_{102}^{(20)}m_{130}^{(10)}\\
&+2m_{002}^{(10)}m_{102}^{(21)}m_{310}^{(11)} - 2m_{002}^{(10)}m_{102}^{(21)}m_{130}^{(00)} - m_{002}^{(10)}m_{030}^{(00)}m_{202}^{(21)} + m_{002}^{(10)}m_{030}^{(00)}m_{112}^{(20)}\\
&+m_{002}^{(10)}m_{030}^{(20)}m_{301}^{(21)} - m_{002}^{(10)}m_{030}^{(20)}m_{211}^{(20)} + m_{002}^{(10)}m_{030}^{(20)}m_{202}^{(10)} - m_{002}^{(10)}m_{030}^{(20)}m_{112}^{(00)}\\
&-m_{002}^{(10)}m_{030}^{(22)}m_{301}^{(10)} + m_{002}^{(10)}m_{030}^{(22)}m_{211}^{(00)} + 3m_{002}^{(10)}m_{021}^{(00)}m_{211}^{(21)} + m_{002}^{(10)}m_{021}^{(00)}m_{202}^{(11)}\\
&-3m_{002}^{(10)}m_{021}^{(00)}m_{121}^{(20)} - m_{002}^{(10)}m_{021}^{(00)}m_{112}^{(10)} - m_{002}^{(10)}m_{021}^{(10)}m_{301}^{(21)} + m_{002}^{(10)}m_{021}^{(10)}m_{211}^{(20)}\\
&-m_{002}^{(10)}m_{021}^{(10)}m_{202}^{(10)} + m_{002}^{(10)}m_{021}^{(10)}m_{112}^{(00)} - 2m_{002}^{(10)}m_{021}^{(20)}m_{310}^{(21)} - m_{002}^{(10)}m_{021}^{(20)}m_{301}^{(11)}\\
&+2m_{002}^{(10)}m_{021}^{(20)}m_{220}^{(20)} - 2m_{002}^{(10)}m_{021}^{(20)}m_{211}^{(10)} + 3m_{002}^{(10)}m_{021}^{(20)}m_{121}^{(00)} + 2m_{002}^{(10)}m_{021}^{(21)}m_{301}^{(10)}\\
&-2m_{002}^{(10)}m_{021}^{(21)}m_{211}^{(00)} + 2m_{002}^{(10)}m_{021}^{(22)}m_{310}^{(10)} - 2m_{002}^{(10)}m_{021}^{(22)}m_{220}^{(00)} - 2m_{002}^{(10)}m_{012}^{(00)}m_{220}^{(21)}\\
&-3m_{002}^{(10)}m_{012}^{(00)}m_{211}^{(11)} + 2m_{002}^{(10)}m_{012}^{(00)}m_{130}^{(20)} + 3m_{002}^{(10)}m_{012}^{(00)}m_{121}^{(10)} + 2m_{002}^{(10)}m_{012}^{(10)}m_{310}^{(21)}\\
&+m_{002}^{(10)}m_{012}^{(10)}m_{301}^{(11)} - 2m_{002}^{(10)}m_{012}^{(10)}m_{220}^{(20)} + 2m_{002}^{(10)}m_{012}^{(10)}m_{211}^{(10)} - 3m_{002}^{(10)}m_{012}^{(10)}m_{121}^{(00)}\\
&-m_{002}^{(10)}m_{012}^{(11)}m_{301}^{(10)} + m_{002}^{(10)}m_{012}^{(11)}m_{211}^{(00)} + 2m_{002}^{(10)}m_{012}^{(20)}m_{310}^{(11)} - 2m_{002}^{(10)}m_{012}^{(20)}m_{130}^{(00)}\\
&-4m_{002}^{(10)}m_{012}^{(21)}m_{310}^{(10)} + 4m_{002}^{(10)}m_{012}^{(21)}m_{220}^{(00)} + 2m_{002}^{(10)}m_{003}^{(00)}m_{220}^{(11)} - 2m_{002}^{(10)}m_{003}^{(00)}m_{130}^{(10)}\\
&-2m_{002}^{(10)}m_{003}^{(10)}m_{310}^{(11)} + 2m_{002}^{(10)}m_{003}^{(10)}m_{130}^{(00)} + 2m_{002}^{(10)}m_{003}^{(11)}m_{310}^{(10)} - 2m_{002}^{(10)}m_{003}^{(11)}m_{220}^{(00)}\\
&+m_{002}^{(11)}m_{300}^{(11)}m_{202}^{(21)} - m_{002}^{(11)}m_{300}^{(11)}m_{112}^{(20)} - m_{002}^{(11)}m_{300}^{(21)}m_{211}^{(21)} - m_{002}^{(11)}m_{300}^{(21)}m_{202}^{(11)}\\
&+m_{002}^{(11)}m_{300}^{(21)}m_{121}^{(20)} + m_{002}^{(11)}m_{300}^{(21)}m_{112}^{(10)} + m_{002}^{(11)}m_{300}^{(22)}m_{211}^{(11)} - m_{002}^{(11)}m_{300}^{(22)}m_{121}^{(10)}\\
&-2m_{002}^{(11)}m_{210}^{(10)}m_{202}^{(21)} + 2m_{002}^{(11)}m_{210}^{(10)}m_{112}^{(20)} + m_{002}^{(11)}m_{210}^{(20)}m_{211}^{(21)} + m_{002}^{(11)}m_{210}^{(20)}m_{202}^{(11)}\\
&-m_{002}^{(11)}m_{210}^{(20)}m_{121}^{(20)} - m_{002}^{(11)}m_{210}^{(20)}m_{112}^{(10)} + m_{002}^{(11)}m_{210}^{(21)}m_{301}^{(21)} - m_{002}^{(11)}m_{210}^{(21)}m_{211}^{(20)}\\
&+m_{002}^{(11)}m_{210}^{(21)}m_{202}^{(10)} - m_{002}^{(11)}m_{210}^{(21)}m_{112}^{(00)} - m_{002}^{(11)}m_{210}^{(22)}m_{301}^{(11)} + m_{002}^{(11)}m_{210}^{(22)}m_{121}^{(00)}\\
&+m_{002}^{(11)}m_{201}^{(10)}m_{211}^{(21)} + m_{002}^{(11)}m_{201}^{(10)}m_{202}^{(11)} - m_{002}^{(11)}m_{201}^{(10)}m_{121}^{(20)} - m_{002}^{(11)}m_{201}^{(10)}m_{112}^{(10)}\\
&-2m_{002}^{(11)}m_{201}^{(11)}m_{301}^{(21)} + 2m_{002}^{(11)}m_{201}^{(11)}m_{211}^{(20)} - m_{002}^{(11)}m_{201}^{(11)}m_{202}^{(10)} + m_{002}^{(11)}m_{201}^{(11)}m_{112}^{(00)}
\end{aligned}
$$

$$-2m_{002}^{(11)}m_{201}^{(20)}m_{211}^{(11)}+2m_{002}^{(11)}m_{201}^{(20)}m_{121}^{(10)}+m_{002}^{(11)}m_{201}^{(21)}m_{310}^{(21)}+2m_{002}^{(11)}m_{201}^{(21)}m_{301}^{(11)}$$
$$-m_{002}^{(11)}m_{201}^{(21)}m_{220}^{(20)}-m_{002}^{(11)}m_{201}^{(21)}m_{211}^{(10)}-m_{002}^{(11)}m_{201}^{(21)}m_{121}^{(00)}-m_{002}^{(11)}m_{201}^{(22)}m_{310}^{(11)}$$
$$+m_{002}^{(11)}m_{201}^{(22)}m_{220}^{(10)}+m_{002}^{(11)}m_{120}^{(00)}m_{202}^{(21)}-m_{002}^{(11)}m_{120}^{(00)}m_{112}^{(20)}-m_{002}^{(11)}m_{120}^{(20)}m_{301}^{(21)}$$
$$+m_{002}^{(11)}m_{120}^{(20)}m_{211}^{(20)}-m_{002}^{(11)}m_{120}^{(20)}m_{202}^{(10)}+m_{002}^{(11)}m_{120}^{(20)}m_{112}^{(00)}+m_{002}^{(11)}m_{120}^{(22)}m_{301}^{(10)}$$
$$-m_{002}^{(11)}m_{120}^{(22)}m_{211}^{(00)}-m_{002}^{(11)}m_{111}^{(00)}m_{211}^{(21)}-m_{002}^{(11)}m_{111}^{(00)}m_{202}^{(11)}+m_{002}^{(11)}m_{111}^{(00)}m_{121}^{(20)}$$
$$+m_{002}^{(11)}m_{111}^{(00)}m_{112}^{(10)}+3m_{002}^{(11)}m_{111}^{(10)}m_{301}^{(21)}-3m_{002}^{(11)}m_{111}^{(10)}m_{211}^{(20)}+m_{002}^{(11)}m_{111}^{(10)}m_{202}^{(10)}$$
$$-m_{002}^{(11)}m_{111}^{(10)}m_{112}^{(00)}-m_{002}^{(11)}m_{111}^{(20)}m_{310}^{(21)}+m_{002}^{(11)}m_{111}^{(20)}m_{220}^{(20)}+m_{002}^{(11)}m_{111}^{(20)}m_{211}^{(10)}$$
$$-m_{002}^{(11)}m_{111}^{(20)}m_{121}^{(00)}-m_{002}^{(11)}m_{111}^{(21)}m_{400}^{(21)}+m_{002}^{(11)}m_{111}^{(21)}m_{310}^{(20)}-3m_{002}^{(11)}m_{111}^{(21)}m_{301}^{(10)}$$
$$+3m_{002}^{(11)}m_{111}^{(21)}m_{211}^{(00)}+m_{002}^{(11)}m_{111}^{(22)}m_{400}^{(11)}-m_{002}^{(11)}m_{111}^{(22)}m_{220}^{(00)}+m_{002}^{(11)}m_{102}^{(00)}m_{211}^{(11)}$$
$$-m_{002}^{(11)}m_{102}^{(00)}m_{121}^{(10)}-m_{002}^{(11)}m_{102}^{(10)}m_{310}^{(21)}-2m_{002}^{(11)}m_{102}^{(10)}m_{301}^{(11)}+m_{002}^{(11)}m_{102}^{(10)}m_{220}^{(20)}$$
$$+m_{002}^{(11)}m_{102}^{(10)}m_{211}^{(10)}+m_{002}^{(11)}m_{102}^{(10)}m_{121}^{(00)}+m_{002}^{(11)}m_{102}^{(11)}m_{400}^{(21)}-m_{002}^{(11)}m_{102}^{(11)}m_{310}^{(20)}$$
$$+2m_{002}^{(11)}m_{102}^{(11)}m_{301}^{(10)}-2m_{002}^{(11)}m_{102}^{(11)}m_{211}^{(00)}+2m_{002}^{(11)}m_{102}^{(20)}m_{310}^{(11)}-2m_{002}^{(11)}m_{102}^{(20)}m_{220}^{(10)}$$
$$-m_{002}^{(11)}m_{102}^{(21)}m_{400}^{(11)}+m_{002}^{(11)}m_{102}^{(21)}m_{220}^{(00)}-m_{002}^{(11)}m_{021}^{(00)}m_{301}^{(21)}+m_{002}^{(11)}m_{021}^{(00)}m_{211}^{(20)}$$
$$+m_{002}^{(11)}m_{021}^{(20)}m_{400}^{(21)}-m_{002}^{(11)}m_{021}^{(20)}m_{310}^{(20)}+m_{002}^{(11)}m_{021}^{(20)}m_{301}^{(10)}-m_{002}^{(11)}m_{021}^{(20)}m_{211}^{(00)}$$
$$-m_{002}^{(11)}m_{021}^{(22)}m_{400}^{(10)}+m_{002}^{(11)}m_{021}^{(22)}m_{310}^{(00)}+m_{002}^{(11)}m_{012}^{(00)}m_{310}^{(21)}+m_{002}^{(11)}m_{012}^{(00)}m_{301}^{(11)}$$
$$-m_{002}^{(11)}m_{012}^{(00)}m_{220}^{(20)}-m_{002}^{(11)}m_{012}^{(00)}m_{211}^{(10)}-m_{002}^{(11)}m_{012}^{(10)}m_{400}^{(21)}+m_{002}^{(11)}m_{012}^{(10)}m_{310}^{(20)}$$
$$-m_{002}^{(11)}m_{012}^{(10)}m_{301}^{(10)}+m_{002}^{(11)}m_{012}^{(10)}m_{211}^{(00)}-m_{002}^{(11)}m_{012}^{(20)}m_{400}^{(11)}+m_{002}^{(11)}m_{012}^{(20)}m_{220}^{(00)}$$
$$+2m_{002}^{(11)}m_{012}^{(21)}m_{400}^{(10)}-2m_{002}^{(11)}m_{012}^{(21)}m_{310}^{(00)}-m_{002}^{(11)}m_{003}^{(00)}m_{310}^{(11)}+m_{002}^{(11)}m_{003}^{(00)}m_{220}^{(10)}$$
$$+m_{002}^{(11)}m_{003}^{(10)}m_{400}^{(11)}-m_{002}^{(11)}m_{003}^{(10)}m_{220}^{(00)}-m_{002}^{(11)}m_{003}^{(11)}m_{400}^{(10)}+m_{002}^{(11)}m_{003}^{(11)}m_{310}^{(00)}$$
$$+m_{002}^{(20)}m_{300}^{(11)}m_{121}^{(21)}-m_{002}^{(20)}m_{300}^{(11)}m_{031}^{(20)}-m_{002}^{(20)}m_{300}^{(21)}m_{130}^{(21)}-m_{002}^{(20)}m_{300}^{(21)}m_{121}^{(11)}$$
$$+m_{002}^{(20)}m_{300}^{(21)}m_{040}^{(20)}+m_{002}^{(20)}m_{300}^{(21)}m_{031}^{(10)}+m_{002}^{(20)}m_{300}^{(22)}m_{130}^{(11)}-m_{002}^{(20)}m_{300}^{(22)}m_{040}^{(10)}$$
$$-2m_{002}^{(20)}m_{210}^{(10)}m_{121}^{(21)}+2m_{002}^{(20)}m_{210}^{(10)}m_{031}^{(20)}-m_{002}^{(20)}m_{210}^{(11)}m_{211}^{(21)}+m_{002}^{(20)}m_{210}^{(11)}m_{121}^{(20)}$$
$$+m_{002}^{(20)}m_{210}^{(20)}m_{130}^{(21)}+m_{002}^{(20)}m_{210}^{(20)}m_{121}^{(11)}-m_{002}^{(20)}m_{210}^{(20)}m_{040}^{(20)}-m_{002}^{(20)}m_{210}^{(20)}m_{031}^{(10)}$$
$$+2m_{002}^{(20)}m_{210}^{(21)}m_{220}^{(21)}+m_{002}^{(20)}m_{210}^{(21)}m_{211}^{(11)}-2m_{002}^{(20)}m_{210}^{(21)}m_{130}^{(20)}-m_{002}^{(20)}m_{210}^{(21)}m_{031}^{(00)}$$
$$-2m_{002}^{(20)}m_{210}^{(22)}m_{220}^{(11)}+m_{002}^{(20)}m_{210}^{(22)}m_{130}^{(10)}+m_{002}^{(20)}m_{210}^{(22)}m_{040}^{(00)}+m_{002}^{(20)}m_{201}^{(10)}m_{130}^{(21)}$$
$$+m_{002}^{(20)}m_{201}^{(10)}m_{121}^{(11)}-m_{002}^{(20)}m_{201}^{(10)}m_{040}^{(20)}-m_{002}^{(20)}m_{201}^{(10)}m_{031}^{(10)}-m_{002}^{(20)}m_{201}^{(11)}m_{220}^{(21)}$$
$$+m_{002}^{(20)}m_{201}^{(11)}m_{130}^{(20)}-m_{002}^{(20)}m_{201}^{(11)}m_{121}^{(10)}+m_{002}^{(20)}m_{201}^{(11)}m_{031}^{(00)}-2m_{002}^{(20)}m_{201}^{(20)}m_{130}^{(11)}$$
$$+2m_{002}^{(20)}m_{201}^{(20)}m_{040}^{(10)}+m_{002}^{(20)}m_{201}^{(21)}m_{220}^{(11)}-m_{002}^{(20)}m_{201}^{(21)}m_{040}^{(00)}+m_{002}^{(20)}m_{120}^{(00)}m_{121}^{(21)}$$
$$-m_{002}^{(20)}m_{120}^{(00)}m_{031}^{(20)}+2m_{002}^{(20)}m_{120}^{(10)}m_{211}^{(21)}-2m_{002}^{(20)}m_{120}^{(10)}m_{121}^{(20)}-2m_{002}^{(20)}m_{120}^{(20)}m_{220}^{(21)}$$
$$-m_{002}^{(20)}m_{120}^{(20)}m_{211}^{(11)}+2m_{002}^{(20)}m_{120}^{(20)}m_{130}^{(20)}+m_{002}^{(20)}m_{120}^{(20)}m_{031}^{(00)}-m_{002}^{(20)}m_{120}^{(21)}m_{310}^{(21)}$$
$$+m_{002}^{(20)}m_{120}^{(21)}m_{220}^{(20)}-m_{002}^{(20)}m_{120}^{(21)}m_{211}^{(10)}+m_{002}^{(20)}m_{120}^{(21)}m_{121}^{(00)}+m_{002}^{(20)}m_{120}^{(22)}m_{310}^{(11)}$$
$$+m_{002}^{(20)}m_{120}^{(22)}m_{220}^{(10)}-2m_{002}^{(20)}m_{120}^{(22)}m_{130}^{(00)}-m_{002}^{(20)}m_{111}^{(00)}m_{130}^{(21)}-m_{002}^{(20)}m_{111}^{(00)}m_{121}^{(11)}$$
$$+m_{002}^{(20)}m_{111}^{(00)}m_{040}^{(20)}+m_{002}^{(20)}m_{111}^{(00)}m_{031}^{(10)}-m_{002}^{(20)}m_{111}^{(10)}m_{211}^{(11)}+2m_{002}^{(20)}m_{111}^{(10)}m_{121}^{(10)}$$
$$-m_{002}^{(20)}m_{111}^{(10)}m_{031}^{(00)}+m_{002}^{(20)}m_{111}^{(11)}m_{310}^{(21)}-m_{002}^{(20)}m_{111}^{(11)}m_{220}^{(20)}+m_{002}^{(20)}m_{111}^{(11)}m_{211}^{(10)}$$
$$-m_{002}^{(20)}m_{111}^{(11)}m_{121}^{(00)}+3m_{002}^{(20)}m_{111}^{(20)}m_{220}^{(11)}-2m_{002}^{(20)}m_{111}^{(20)}m_{130}^{(10)}-m_{002}^{(20)}m_{111}^{(20)}m_{040}^{(00)}$$
$$-m_{002}^{(20)}m_{111}^{(21)}m_{310}^{(11)}-2m_{002}^{(20)}m_{111}^{(21)}m_{220}^{(10)}+3m_{002}^{(20)}m_{111}^{(21)}m_{130}^{(00)}+m_{002}^{(20)}m_{102}^{(00)}m_{130}^{(11)}$$
$$-m_{002}^{(20)}m_{102}^{(00)}m_{040}^{(10)}-m_{002}^{(20)}m_{102}^{(10)}m_{220}^{(11)}+m_{002}^{(20)}m_{102}^{(10)}m_{040}^{(00)}+m_{002}^{(20)}m_{102}^{(10)}m_{220}^{(11)}$$
$$-m_{002}^{(20)}m_{102}^{(11)}m_{130}^{(00)}-m_{002}^{(20)}m_{030}^{(00)}m_{211}^{(21)}+m_{002}^{(20)}m_{030}^{(00)}m_{121}^{(20)}+m_{002}^{(20)}m_{030}^{(20)}m_{310}^{(21)}$$

$$
\begin{aligned}
&-m_{002}^{(20)}m_{030}^{(20)}m_{220}^{(20)}+m_{002}^{(20)}m_{030}^{(20)}m_{211}^{(10)}-m_{002}^{(20)}m_{030}^{(20)}m_{121}^{(00)}-m_{002}^{(20)}m_{030}^{(22)}m_{310}^{(10)}\\
&+m_{002}^{(20)}m_{030}^{(22)}m_{220}^{(00)}+m_{002}^{(20)}m_{021}^{(00)}m_{220}^{(21)}+m_{002}^{(20)}m_{021}^{(00)}m_{211}^{(11)}-m_{002}^{(20)}m_{021}^{(00)}m_{130}^{(20)}\\
&-m_{002}^{(20)}m_{021}^{(00)}m_{121}^{(10)}-m_{002}^{(20)}m_{021}^{(10)}m_{310}^{(21)}+m_{002}^{(20)}m_{021}^{(10)}m_{220}^{(20)}-m_{002}^{(20)}m_{021}^{(10)}m_{211}^{(10)}\\
&+m_{002}^{(20)}m_{021}^{(10)}m_{121}^{(00)}-m_{002}^{(20)}m_{021}^{(20)}m_{310}^{(11)}+m_{002}^{(20)}m_{021}^{(20)}m_{130}^{(00)}+2m_{002}^{(20)}m_{021}^{(21)}m_{310}^{(10)}\\
&-2m_{002}^{(20)}m_{021}^{(21)}m_{220}^{(00)}-m_{002}^{(20)}m_{012}^{(00)}m_{220}^{(11)}+m_{002}^{(20)}m_{012}^{(00)}m_{130}^{(10)}+m_{002}^{(20)}m_{012}^{(10)}m_{310}^{(11)}\\
&-m_{002}^{(20)}m_{012}^{(10)}m_{130}^{(00)}-m_{002}^{(20)}m_{012}^{(11)}m_{310}^{(10)}+m_{002}^{(20)}m_{012}^{(11)}m_{220}^{(00)}-m_{002}^{(21)}m_{300}^{(11)}m_{211}^{(21)}\\
&+m_{002}^{(21)}m_{300}^{(11)}m_{121}^{(20)}+m_{002}^{(21)}m_{300}^{(21)}m_{220}^{(21)}+m_{002}^{(21)}m_{300}^{(21)}m_{211}^{(11)}-m_{002}^{(21)}m_{300}^{(21)}m_{130}^{(20)}\\
&-m_{002}^{(21)}m_{300}^{(21)}m_{121}^{(10)}-m_{002}^{(21)}m_{300}^{(22)}m_{220}^{(11)}+m_{002}^{(21)}m_{300}^{(22)}m_{130}^{(10)}+2m_{002}^{(21)}m_{210}^{(10)}m_{211}^{(21)}\\
&-2m_{002}^{(21)}m_{210}^{(10)}m_{121}^{(20)}+m_{002}^{(21)}m_{210}^{(11)}m_{301}^{(21)}-m_{002}^{(21)}m_{210}^{(11)}m_{211}^{(20)}-m_{002}^{(21)}m_{210}^{(20)}m_{220}^{(21)}\\
&-m_{002}^{(21)}m_{210}^{(20)}m_{211}^{(11)}+m_{002}^{(21)}m_{210}^{(20)}m_{130}^{(20)}+m_{002}^{(21)}m_{210}^{(20)}m_{121}^{(10)}-2m_{002}^{(21)}m_{210}^{(21)}m_{310}^{(21)}\\
&-m_{002}^{(21)}m_{210}^{(21)}m_{301}^{(11)}+2m_{002}^{(21)}m_{210}^{(21)}m_{220}^{(20)}+m_{002}^{(21)}m_{210}^{(21)}m_{121}^{(00)}+2m_{002}^{(21)}m_{210}^{(22)}m_{310}^{(11)}\\
&-m_{002}^{(21)}m_{210}^{(22)}m_{220}^{(10)}-m_{002}^{(21)}m_{210}^{(22)}m_{130}^{(00)}-m_{002}^{(21)}m_{201}^{(10)}m_{220}^{(21)}-m_{002}^{(21)}m_{201}^{(10)}m_{211}^{(11)}\\
&+m_{002}^{(21)}m_{201}^{(10)}m_{130}^{(20)}+m_{002}^{(21)}m_{201}^{(10)}m_{121}^{(10)}+m_{002}^{(21)}m_{201}^{(11)}m_{310}^{(21)}-m_{002}^{(21)}m_{201}^{(11)}m_{220}^{(20)}\\
&+m_{002}^{(21)}m_{201}^{(11)}m_{211}^{(10)}-m_{002}^{(21)}m_{201}^{(11)}m_{121}^{(00)}+2m_{002}^{(21)}m_{201}^{(20)}m_{220}^{(11)}-2m_{002}^{(21)}m_{201}^{(20)}m_{130}^{(10)}\\
&-m_{002}^{(21)}m_{201}^{(21)}m_{310}^{(11)}+m_{002}^{(21)}m_{201}^{(21)}m_{130}^{(00)}-m_{002}^{(21)}m_{120}^{(00)}m_{211}^{(21)}+m_{002}^{(21)}m_{120}^{(00)}m_{121}^{(20)}\\
&-2m_{002}^{(21)}m_{120}^{(10)}m_{301}^{(21)}+2m_{002}^{(21)}m_{120}^{(10)}m_{211}^{(20)}+2m_{002}^{(21)}m_{120}^{(20)}m_{310}^{(21)}+m_{002}^{(21)}m_{120}^{(20)}m_{301}^{(11)}\\
&-2m_{002}^{(21)}m_{120}^{(20)}m_{220}^{(20)}-m_{002}^{(21)}m_{120}^{(20)}m_{121}^{(00)}+m_{002}^{(21)}m_{120}^{(21)}m_{400}^{(21)}-m_{002}^{(21)}m_{120}^{(21)}m_{310}^{(20)}\\
&+m_{002}^{(21)}m_{120}^{(21)}m_{301}^{(10)}-m_{002}^{(21)}m_{120}^{(21)}m_{211}^{(00)}-m_{002}^{(21)}m_{120}^{(22)}m_{400}^{(11)}-m_{002}^{(21)}m_{120}^{(22)}m_{310}^{(10)}\\
&+2m_{002}^{(21)}m_{120}^{(22)}m_{220}^{(00)}+m_{002}^{(21)}m_{111}^{(00)}m_{220}^{(21)}+m_{002}^{(21)}m_{111}^{(00)}m_{211}^{(11)}-m_{002}^{(21)}m_{111}^{(00)}m_{130}^{(20)}\\
&-m_{002}^{(21)}m_{111}^{(00)}m_{121}^{(10)}+m_{002}^{(21)}m_{111}^{(10)}m_{301}^{(11)}-2m_{002}^{(21)}m_{111}^{(10)}m_{211}^{(10)}+m_{002}^{(21)}m_{111}^{(10)}m_{121}^{(00)}\\
&-m_{002}^{(21)}m_{111}^{(11)}m_{400}^{(21)}+m_{002}^{(21)}m_{111}^{(11)}m_{310}^{(20)}-m_{002}^{(21)}m_{111}^{(11)}m_{301}^{(10)}+m_{002}^{(21)}m_{111}^{(11)}m_{211}^{(00)}\\
&-3m_{002}^{(21)}m_{111}^{(20)}m_{310}^{(11)}+2m_{002}^{(21)}m_{111}^{(20)}m_{220}^{(10)}+m_{002}^{(21)}m_{111}^{(20)}m_{130}^{(00)}+m_{002}^{(21)}m_{111}^{(21)}m_{400}^{(11)}\\
&+2m_{002}^{(21)}m_{111}^{(21)}m_{310}^{(10)}-3m_{002}^{(21)}m_{111}^{(21)}m_{220}^{(00)}-m_{002}^{(21)}m_{102}^{(00)}m_{220}^{(11)}+m_{002}^{(21)}m_{102}^{(00)}m_{130}^{(10)}\\
&+m_{002}^{(21)}m_{102}^{(10)}m_{310}^{(11)}-m_{002}^{(21)}m_{102}^{(10)}m_{130}^{(00)}-m_{002}^{(21)}m_{102}^{(11)}m_{310}^{(10)}+m_{002}^{(21)}m_{102}^{(11)}m_{220}^{(00)}\\
&+m_{002}^{(21)}m_{030}^{(00)}m_{301}^{(21)}-m_{002}^{(21)}m_{030}^{(00)}m_{211}^{(20)}-m_{002}^{(21)}m_{030}^{(20)}m_{400}^{(21)}+m_{002}^{(21)}m_{030}^{(20)}m_{310}^{(20)}\\
&-m_{002}^{(21)}m_{030}^{(20)}m_{301}^{(10)}+m_{002}^{(21)}m_{030}^{(20)}m_{211}^{(00)}+m_{002}^{(21)}m_{030}^{(22)}m_{400}^{(10)}-m_{002}^{(21)}m_{030}^{(22)}m_{310}^{(00)}\\
&-m_{002}^{(21)}m_{021}^{(00)}m_{310}^{(21)}-m_{002}^{(21)}m_{021}^{(00)}m_{301}^{(11)}+m_{002}^{(21)}m_{021}^{(00)}m_{220}^{(20)}+m_{002}^{(21)}m_{021}^{(00)}m_{211}^{(10)}\\
&+m_{002}^{(21)}m_{021}^{(10)}m_{400}^{(21)}-m_{002}^{(21)}m_{021}^{(10)}m_{310}^{(20)}+m_{002}^{(21)}m_{021}^{(10)}m_{301}^{(10)}-m_{002}^{(21)}m_{021}^{(10)}m_{211}^{(00)}\\
&+m_{002}^{(21)}m_{021}^{(20)}m_{400}^{(11)}-m_{002}^{(21)}m_{021}^{(20)}m_{220}^{(00)}-2m_{002}^{(21)}m_{021}^{(21)}m_{400}^{(10)}+2m_{002}^{(21)}m_{021}^{(21)}m_{310}^{(00)}\\
&+m_{002}^{(21)}m_{012}^{(00)}m_{310}^{(11)}-m_{002}^{(21)}m_{012}^{(00)}m_{220}^{(10)}-m_{002}^{(21)}m_{012}^{(10)}m_{400}^{(11)}+m_{002}^{(21)}m_{012}^{(10)}m_{220}^{(00)}\\
&+m_{002}^{(21)}m_{012}^{(11)}m_{400}^{(10)}-m_{002}^{(21)}m_{012}^{(11)}m_{310}^{(00)}
\end{aligned}
$$

Generating graph:





$$
\begin{aligned}
T_{142} \;=\;& -m_{200}^{(10)} m_{120}^{(10)} m_{013}^{(22)} + m_{200}^{(10)} m_{120}^{(10)} m_{004}^{(21)} + m_{200}^{(10)} m_{120}^{(11)} m_{103}^{(22)} - m_{200}^{(10)} m_{120}^{(11)} m_{004}^{(20)} \\
& + m_{200}^{(10)} m_{120}^{(20)} m_{013}^{(21)} - m_{200}^{(10)} m_{120}^{(20)} m_{004}^{(11)} - 2m_{200}^{(10)} m_{120}^{(21)} m_{103}^{(21)} + m_{200}^{(10)} m_{120}^{(21)} m_{013}^{(20)} \\
& + m_{200}^{(10)} m_{120}^{(21)} m_{004}^{(10)} + m_{200}^{(10)} m_{120}^{(22)} m_{103}^{(11)} - m_{200}^{(10)} m_{120}^{(22)} m_{013}^{(10)} + 2m_{200}^{(10)} m_{111}^{(10)} m_{022}^{(22)} \\
& - 2m_{200}^{(10)} m_{111}^{(10)} m_{013}^{(21)} - 2m_{200}^{(10)} m_{111}^{(11)} m_{112}^{(22)} + 2m_{200}^{(10)} m_{111}^{(11)} m_{013}^{(20)} - 2m_{200}^{(10)} m_{111}^{(20)} m_{022}^{(21)} \\
& + 2m_{200}^{(10)} m_{111}^{(20)} m_{013}^{(11)} + 4m_{200}^{(10)} m_{111}^{(21)} m_{112}^{(21)} - 2m_{200}^{(10)} m_{111}^{(21)} m_{022}^{(20)} - 2m_{200}^{(10)} m_{111}^{(21)} m_{013}^{(10)} \\
& - 2m_{200}^{(10)} m_{111}^{(22)} m_{112}^{(11)} + 2m_{200}^{(10)} m_{111}^{(22)} m_{022}^{(10)} - m_{200}^{(10)} m_{102}^{(10)} m_{031}^{(22)} + m_{200}^{(10)} m_{102}^{(10)} m_{022}^{(21)} \\
& + m_{200}^{(10)} m_{102}^{(11)} m_{121}^{(22)} - m_{200}^{(10)} m_{102}^{(11)} m_{022}^{(20)} + m_{200}^{(10)} m_{102}^{(20)} m_{031}^{(21)} - m_{200}^{(10)} m_{102}^{(20)} m_{022}^{(11)} \\
& - 2m_{200}^{(10)} m_{102}^{(21)} m_{121}^{(21)} + m_{200}^{(10)} m_{102}^{(21)} m_{031}^{(20)} + m_{200}^{(10)} m_{102}^{(21)} m_{022}^{(10)} + m_{200}^{(10)} m_{102}^{(22)} m_{121}^{(11)} \\
& - m_{200}^{(10)} m_{102}^{(22)} m_{031}^{(10)} + m_{200}^{(10)} m_{030}^{(00)} m_{013}^{(22)} - m_{200}^{(10)} m_{030}^{(00)} m_{004}^{(21)} - m_{200}^{(10)} m_{030}^{(10)} m_{103}^{(22)} \\
& + m_{200}^{(10)} m_{030}^{(10)} m_{004}^{(20)} + m_{200}^{(10)} m_{030}^{(20)} m_{103}^{(21)} - 2m_{200}^{(10)} m_{030}^{(20)} m_{013}^{(20)} + m_{200}^{(10)} m_{030}^{(20)} m_{004}^{(10)} \\
& + m_{200}^{(10)} m_{030}^{(21)} m_{103}^{(20)} - m_{200}^{(10)} m_{030}^{(21)} m_{004}^{(00)} - m_{200}^{(10)} m_{030}^{(22)} m_{103}^{(10)} + m_{200}^{(10)} m_{030}^{(22)} m_{013}^{(00)} \\
& - 2m_{200}^{(10)} m_{021}^{(00)} m_{022}^{(22)} + m_{200}^{(10)} m_{021}^{(00)} m_{013}^{(21)} + m_{200}^{(10)} m_{021}^{(00)} m_{004}^{(11)} + 2m_{200}^{(10)} m_{021}^{(10)} m_{112}^{(22)} \\
& + m_{200}^{(10)} m_{021}^{(10)} m_{103}^{(21)} - m_{200}^{(10)} m_{021}^{(10)} m_{013}^{(20)} - 2m_{200}^{(10)} m_{021}^{(10)} m_{004}^{(10)} - m_{200}^{(10)} m_{021}^{(11)} m_{103}^{(20)} \\
& + m_{200}^{(10)} m_{021}^{(11)} m_{004}^{(00)} - 2m_{200}^{(10)} m_{021}^{(20)} m_{112}^{(21)} - m_{200}^{(10)} m_{021}^{(20)} m_{103}^{(11)} + 4m_{200}^{(10)} m_{021}^{(20)} m_{022}^{(20)} \\
& - m_{200}^{(10)} m_{021}^{(20)} m_{013}^{(10)} - 2m_{200}^{(10)} m_{021}^{(21)} m_{112}^{(20)} + m_{200}^{(10)} m_{021}^{(21)} m_{103}^{(10)} + m_{200}^{(10)} m_{021}^{(21)} m_{013}^{(00)} \\
& + 2m_{200}^{(10)} m_{021}^{(22)} m_{112}^{(10)} - 2m_{200}^{(10)} m_{021}^{(22)} m_{022}^{(00)} + m_{200}^{(10)} m_{012}^{(00)} m_{031}^{(22)} + m_{200}^{(10)} m_{012}^{(00)} m_{022}^{(21)} \\
& - 2m_{200}^{(10)} m_{012}^{(00)} m_{013}^{(11)} - m_{200}^{(10)} m_{012}^{(10)} m_{121}^{(22)} - 2m_{200}^{(10)} m_{012}^{(10)} m_{112}^{(21)} - m_{200}^{(10)} m_{012}^{(10)} m_{022}^{(20)} \\
& + 4m_{200}^{(10)} m_{012}^{(10)} m_{013}^{(10)} + 2m_{200}^{(10)} m_{012}^{(11)} m_{112}^{(20)} - 2m_{200}^{(10)} m_{012}^{(11)} m_{013}^{(00)} + m_{200}^{(10)} m_{012}^{(20)} m_{121}^{(21)} \\
& + 2m_{200}^{(10)} m_{012}^{(20)} m_{112}^{(11)} - 2m_{200}^{(10)} m_{012}^{(20)} m_{031}^{(20)} - m_{200}^{(10)} m_{012}^{(20)} m_{022}^{(10)} + m_{200}^{(10)} m_{012}^{(21)} m_{121}^{(20)} \\
& - 2m_{200}^{(10)} m_{012}^{(21)} m_{112}^{(10)} + m_{200}^{(10)} m_{012}^{(21)} m_{022}^{(00)} - m_{200}^{(10)} m_{012}^{(22)} m_{121}^{(10)} + m_{200}^{(10)} m_{012}^{(22)} m_{031}^{(00)} \\
& - m_{200}^{(10)} m_{003}^{(00)} m_{031}^{(21)} + m_{200}^{(10)} m_{003}^{(00)} m_{022}^{(11)} + m_{200}^{(10)} m_{003}^{(10)} m_{121}^{(21)} + m_{200}^{(10)} m_{003}^{(10)} m_{031}^{(20)} \\
& - 2m_{200}^{(10)} m_{003}^{(10)} m_{022}^{(10)} - m_{200}^{(10)} m_{003}^{(11)} m_{121}^{(20)} + m_{200}^{(10)} m_{003}^{(11)} m_{022}^{(00)} - m_{200}^{(10)} m_{003}^{(20)} m_{121}^{(11)} \\
& + m_{200}^{(10)} m_{003}^{(20)} m_{031}^{(10)} + m_{200}^{(10)} m_{003}^{(21)} m_{121}^{(10)} - m_{200}^{(10)} m_{003}^{(21)} m_{031}^{(00)} + m_{200}^{(11)} m_{210}^{(10)} m_{013}^{(22)} \\
& - m_{200}^{(11)} m_{210}^{(10)} m_{004}^{(21)} - m_{200}^{(11)} m_{210}^{(11)} m_{103}^{(22)} + m_{200}^{(11)} m_{210}^{(11)} m_{004}^{(20)} - m_{200}^{(11)} m_{210}^{(20)} m_{013}^{(21)} \\
& + m_{200}^{(11)} m_{210}^{(20)} m_{004}^{(11)} + 2m_{200}^{(11)} m_{210}^{(21)} m_{103}^{(21)} - m_{200}^{(11)} m_{210}^{(21)} m_{013}^{(20)} - m_{200}^{(11)} m_{210}^{(21)} m_{004}^{(10)} \\
& - m_{200}^{(11)} m_{210}^{(22)} m_{103}^{(11)} + m_{200}^{(11)} m_{210}^{(22)} m_{013}^{(10)} - m_{200}^{(11)} m_{201}^{(10)} m_{022}^{(22)} + m_{200}^{(11)} m_{201}^{(10)} m_{013}^{(21)} \\
& + m_{200}^{(11)} m_{201}^{(11)} m_{112}^{(22)} - m_{200}^{(11)} m_{201}^{(11)} m_{013}^{(20)} + m_{200}^{(11)} m_{201}^{(20)} m_{022}^{(21)} - m_{200}^{(11)} m_{201}^{(20)} m_{013}^{(11)} \\
& - 2m_{200}^{(11)} m_{201}^{(21)} m_{112}^{(21)} + m_{200}^{(11)} m_{201}^{(21)} m_{022}^{(20)} + m_{200}^{(11)} m_{201}^{(21)} m_{013}^{(10)} + m_{200}^{(11)} m_{201}^{(22)} m_{112}^{(11)} \\
& - m_{200}^{(11)} m_{201}^{(22)} m_{022}^{(10)} - m_{200}^{(11)} m_{120}^{(00)} m_{013}^{(22)} + m_{200}^{(11)} m_{120}^{(00)} m_{004}^{(21)} + m_{200}^{(11)} m_{120}^{(10)} m_{103}^{(22)} \\
& - m_{200}^{(11)} m_{120}^{(10)} m_{004}^{(20)} - m_{200}^{(11)} m_{120}^{(20)} m_{103}^{(21)} + 2m_{200}^{(11)} m_{120}^{(20)} m_{013}^{(20)} - m_{200}^{(11)} m_{120}^{(20)} m_{004}^{(10)} \\
& - m_{200}^{(11)} m_{120}^{(21)} m_{103}^{(20)} + m_{200}^{(11)} m_{120}^{(21)} m_{004}^{(00)} + m_{200}^{(11)} m_{120}^{(22)} m_{103}^{(10)} - m_{200}^{(11)} m_{120}^{(22)} m_{013}^{(00)} \\
& + m_{200}^{(11)} m_{111}^{(00)} m_{022}^{(22)} - m_{200}^{(11)} m_{111}^{(00)} m_{004}^{(11)} - 2m_{200}^{(11)} m_{111}^{(10)} m_{112}^{(22)} + 2m_{200}^{(11)} m_{111}^{(10)} m_{004}^{(10)} \\
& + m_{200}^{(11)} m_{111}^{(11)} m_{202}^{(22)} - m_{200}^{(11)} m_{111}^{(11)} m_{004}^{(00)} + 2m_{200}^{(11)} m_{111}^{(20)} m_{112}^{(21)} - 2m_{200}^{(11)} m_{111}^{(20)} m_{022}^{(20)} \\
& - 2m_{200}^{(11)} m_{111}^{(21)} m_{202}^{(21)} + 2m_{200}^{(11)} m_{111}^{(21)} m_{112}^{(20)} + m_{200}^{(11)} m_{111}^{(22)} m_{202}^{(11)} - 2m_{200}^{(11)} m_{111}^{(22)} m_{112}^{(10)} \\
& + m_{200}^{(11)} m_{111}^{(22)} m_{022}^{(00)} - m_{200}^{(11)} m_{102}^{(00)} m_{022}^{(21)} + m_{200}^{(11)} m_{102}^{(00)} m_{013}^{(11)} + m_{200}^{(11)} m_{102}^{(10)} m_{121}^{(22)} \\
& + m_{200}^{(11)} m_{102}^{(10)} m_{022}^{(20)} - 2m_{200}^{(11)} m_{102}^{(10)} m_{013}^{(10)} - m_{200}^{(11)} m_{102}^{(11)} m_{211}^{(22)} + m_{200}^{(11)} m_{102}^{(11)} m_{013}^{(00)} \\
& - m_{200}^{(11)} m_{102}^{(20)} m_{121}^{(21)} + m_{200}^{(11)} m_{102}^{(20)} m_{022}^{(10)} + 2m_{200}^{(11)} m_{102}^{(21)} m_{211}^{(21)} - m_{200}^{(11)} m_{102}^{(21)} m_{121}^{(20)} \\
& - m_{200}^{(11)} m_{102}^{(21)} m_{022}^{(00)} - m_{200}^{(11)} m_{102}^{(22)} m_{211}^{(11)} + m_{200}^{(11)} m_{102}^{(22)} m_{121}^{(10)} + m_{200}^{(11)} m_{021}^{(00)} m_{112}^{(22)}
\end{aligned}
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\begin{aligned}
&-m_{200}^{(11)}m_{021}^{(00)}m_{103}^{(21)} - m_{200}^{(11)}m_{021}^{(10)}m_{202}^{(22)} + m_{200}^{(11)}m_{021}^{(10)}m_{103}^{(20)} + m_{200}^{(11)}m_{021}^{(20)}m_{202}^{(21)}\\
&-2m_{200}^{(11)}m_{021}^{(20)}m_{112}^{(20)} + m_{200}^{(11)}m_{021}^{(20)}m_{103}^{(10)} + m_{200}^{(11)}m_{021}^{(21)}m_{202}^{(20)} - m_{200}^{(11)}m_{021}^{(21)}m_{103}^{(00)}\\
&-m_{200}^{(11)}m_{021}^{(22)}m_{202}^{(10)} + m_{200}^{(11)}m_{021}^{(22)}m_{112}^{(00)} - m_{200}^{(11)}m_{012}^{(00)}m_{121}^{(22)} + m_{200}^{(11)}m_{012}^{(00)}m_{103}^{(11)}\\
&+m_{200}^{(11)}m_{012}^{(10)}m_{211}^{(22)} + m_{200}^{(11)}m_{012}^{(10)}m_{202}^{(21)} - 2m_{200}^{(11)}m_{012}^{(10)}m_{103}^{(10)} - m_{200}^{(11)}m_{012}^{(11)}m_{202}^{(20)}\\
&+m_{200}^{(11)}m_{012}^{(11)}m_{103}^{(00)} - m_{200}^{(11)}m_{012}^{(20)}m_{211}^{(21)} - m_{200}^{(11)}m_{012}^{(20)}m_{202}^{(11)} + 2m_{200}^{(11)}m_{012}^{(20)}m_{121}^{(20)}\\
&-m_{200}^{(11)}m_{012}^{(21)}m_{211}^{(20)} + m_{200}^{(11)}m_{012}^{(21)}m_{202}^{(10)} + m_{200}^{(11)}m_{012}^{(22)}m_{211}^{(10)} - m_{200}^{(11)}m_{012}^{(22)}m_{121}^{(00)}\\
&+m_{200}^{(11)}m_{003}^{(00)}m_{121}^{(21)} - m_{200}^{(11)}m_{003}^{(00)}m_{112}^{(11)} - m_{200}^{(11)}m_{003}^{(10)}m_{211}^{(21)} - m_{200}^{(11)}m_{003}^{(10)}m_{121}^{(20)}\\
&+2m_{200}^{(11)}m_{003}^{(10)}m_{112}^{(10)} + m_{200}^{(11)}m_{003}^{(11)}m_{211}^{(20)} - m_{200}^{(11)}m_{003}^{(11)}m_{112}^{(00)} + m_{200}^{(11)}m_{003}^{(20)}m_{211}^{(11)}\\
&-m_{200}^{(11)}m_{003}^{(20)}m_{121}^{(10)} - m_{200}^{(11)}m_{003}^{(21)}m_{211}^{(10)} + m_{200}^{(11)}m_{003}^{(21)}m_{121}^{(00)} + m_{200}^{(20)}m_{120}^{(10)}m_{022}^{(22)}\\
&-m_{200}^{(20)}m_{120}^{(10)}m_{013}^{(21)} - m_{200}^{(20)}m_{120}^{(11)}m_{112}^{(22)} + m_{200}^{(20)}m_{120}^{(11)}m_{013}^{(20)} - m_{200}^{(20)}m_{120}^{(20)}m_{022}^{(21)}\\
&+m_{200}^{(20)}m_{120}^{(20)}m_{013}^{(11)} + 2m_{200}^{(20)}m_{120}^{(21)}m_{112}^{(21)} - m_{200}^{(20)}m_{120}^{(21)}m_{022}^{(20)} - m_{200}^{(20)}m_{120}^{(21)}m_{013}^{(10)}\\
&-m_{200}^{(20)}m_{120}^{(22)}m_{112}^{(11)} + m_{200}^{(20)}m_{120}^{(22)}m_{022}^{(10)} - 2m_{200}^{(20)}m_{111}^{(10)}m_{031}^{(22)} + 2m_{200}^{(20)}m_{111}^{(10)}m_{022}^{(21)}\\
&+2m_{200}^{(20)}m_{111}^{(11)}m_{121}^{(22)} - 2m_{200}^{(20)}m_{111}^{(11)}m_{022}^{(20)} + 2m_{200}^{(20)}m_{111}^{(20)}m_{031}^{(21)} - 2m_{200}^{(20)}m_{111}^{(20)}m_{022}^{(11)}\\
&-4m_{200}^{(20)}m_{111}^{(21)}m_{121}^{(21)} + 2m_{200}^{(20)}m_{111}^{(21)}m_{031}^{(20)} + 2m_{200}^{(20)}m_{111}^{(21)}m_{022}^{(10)} + 2m_{200}^{(20)}m_{111}^{(22)}m_{121}^{(11)}\\
&-2m_{200}^{(20)}m_{111}^{(22)}m_{031}^{(10)} + m_{200}^{(20)}m_{102}^{(10)}m_{040}^{(22)} - m_{200}^{(20)}m_{102}^{(10)}m_{031}^{(21)} - m_{200}^{(20)}m_{102}^{(11)}m_{130}^{(22)}\\
&+m_{200}^{(20)}m_{102}^{(11)}m_{031}^{(20)} - m_{200}^{(20)}m_{102}^{(20)}m_{040}^{(21)} + m_{200}^{(20)}m_{102}^{(20)}m_{031}^{(11)} + 2m_{200}^{(20)}m_{102}^{(21)}m_{130}^{(21)}\\
&-m_{200}^{(20)}m_{102}^{(21)}m_{040}^{(20)} - m_{200}^{(20)}m_{102}^{(21)}m_{031}^{(10)} - m_{200}^{(20)}m_{102}^{(22)}m_{130}^{(11)} + m_{200}^{(20)}m_{102}^{(22)}m_{040}^{(10)}\\
&-m_{200}^{(20)}m_{030}^{(00)}m_{022}^{(22)} + m_{200}^{(20)}m_{030}^{(00)}m_{013}^{(21)} + m_{200}^{(20)}m_{030}^{(10)}m_{112}^{(22)} - m_{200}^{(20)}m_{030}^{(10)}m_{013}^{(20)}\\
&-m_{200}^{(20)}m_{030}^{(20)}m_{112}^{(21)} + 2m_{200}^{(20)}m_{030}^{(20)}m_{022}^{(20)} - m_{200}^{(20)}m_{030}^{(20)}m_{013}^{(10)} - m_{200}^{(20)}m_{030}^{(21)}m_{112}^{(20)}\\
&+m_{200}^{(20)}m_{030}^{(21)}m_{013}^{(00)} + m_{200}^{(20)}m_{030}^{(22)}m_{112}^{(10)} - m_{200}^{(20)}m_{030}^{(22)}m_{022}^{(00)} + 2m_{200}^{(20)}m_{021}^{(00)}m_{031}^{(22)}\\
&-m_{200}^{(20)}m_{021}^{(00)}m_{022}^{(21)} - m_{200}^{(20)}m_{021}^{(00)}m_{013}^{(11)} - 2m_{200}^{(20)}m_{021}^{(10)}m_{121}^{(22)} - m_{200}^{(20)}m_{021}^{(10)}m_{112}^{(21)}\\
&+m_{200}^{(20)}m_{021}^{(10)}m_{022}^{(20)} + 2m_{200}^{(20)}m_{021}^{(10)}m_{013}^{(10)} + m_{200}^{(20)}m_{021}^{(11)}m_{112}^{(20)} - m_{200}^{(20)}m_{021}^{(11)}m_{013}^{(00)}\\
&+2m_{200}^{(20)}m_{021}^{(20)}m_{121}^{(21)} + m_{200}^{(20)}m_{021}^{(20)}m_{112}^{(11)} - 4m_{200}^{(20)}m_{021}^{(20)}m_{031}^{(20)} + m_{200}^{(20)}m_{021}^{(20)}m_{022}^{(10)}\\
&+2m_{200}^{(20)}m_{021}^{(21)}m_{121}^{(20)} - m_{200}^{(20)}m_{021}^{(21)}m_{112}^{(10)} - m_{200}^{(20)}m_{021}^{(21)}m_{022}^{(00)} - 2m_{200}^{(20)}m_{021}^{(22)}m_{121}^{(10)}\\
&+2m_{200}^{(20)}m_{021}^{(22)}m_{031}^{(00)} - m_{200}^{(20)}m_{012}^{(00)}m_{040}^{(22)} - m_{200}^{(20)}m_{012}^{(00)}m_{031}^{(21)} + 2m_{200}^{(20)}m_{012}^{(00)}m_{022}^{(11)}\\
&+m_{200}^{(20)}m_{012}^{(10)}m_{130}^{(22)} + 2m_{200}^{(20)}m_{012}^{(10)}m_{121}^{(21)} + m_{200}^{(20)}m_{012}^{(10)}m_{031}^{(20)} - 4m_{200}^{(20)}m_{012}^{(10)}m_{022}^{(10)}\\
&-2m_{200}^{(20)}m_{012}^{(11)}m_{121}^{(20)} + 2m_{200}^{(20)}m_{012}^{(11)}m_{022}^{(00)} - m_{200}^{(20)}m_{012}^{(20)}m_{130}^{(21)} - 2m_{200}^{(20)}m_{012}^{(20)}m_{121}^{(11)}\\
&+2m_{200}^{(20)}m_{012}^{(20)}m_{040}^{(20)} + m_{200}^{(20)}m_{012}^{(20)}m_{031}^{(10)} - m_{200}^{(20)}m_{012}^{(21)}m_{130}^{(20)} + 2m_{200}^{(20)}m_{012}^{(21)}m_{121}^{(10)}\\
&-m_{200}^{(20)}m_{012}^{(21)}m_{031}^{(00)} + m_{200}^{(20)}m_{012}^{(22)}m_{130}^{(10)} - m_{200}^{(20)}m_{012}^{(22)}m_{040}^{(00)} + m_{200}^{(20)}m_{003}^{(00)}m_{040}^{(21)}\\
&-m_{200}^{(20)}m_{003}^{(00)}m_{031}^{(11)} - m_{200}^{(20)}m_{003}^{(10)}m_{130}^{(21)} - m_{200}^{(20)}m_{003}^{(10)}m_{040}^{(20)} + 2m_{200}^{(20)}m_{003}^{(10)}m_{031}^{(10)}\\
&+m_{200}^{(20)}m_{003}^{(11)}m_{130}^{(20)} - m_{200}^{(20)}m_{003}^{(11)}m_{031}^{(00)} + m_{200}^{(20)}m_{003}^{(20)}m_{130}^{(11)} - m_{200}^{(20)}m_{003}^{(20)}m_{040}^{(10)}\\
&-m_{200}^{(20)}m_{003}^{(21)}m_{130}^{(10)} + m_{200}^{(20)}m_{003}^{(21)}m_{040}^{(00)} - 2m_{200}^{(21)}m_{210}^{(10)}m_{022}^{(22)} + 2m_{200}^{(21)}m_{210}^{(10)}m_{013}^{(21)}\\
&+2m_{200}^{(21)}m_{210}^{(11)}m_{112}^{(22)} - 2m_{200}^{(21)}m_{210}^{(11)}m_{013}^{(20)} + 2m_{200}^{(21)}m_{210}^{(20)}m_{022}^{(21)} - 2m_{200}^{(21)}m_{210}^{(20)}m_{013}^{(11)}\\
&-4m_{200}^{(21)}m_{210}^{(21)}m_{112}^{(21)} + 2m_{200}^{(21)}m_{210}^{(21)}m_{022}^{(20)} + 2m_{200}^{(21)}m_{210}^{(21)}m_{013}^{(10)} + 2m_{200}^{(21)}m_{210}^{(22)}m_{112}^{(11)}\\
&-2m_{200}^{(21)}m_{210}^{(22)}m_{022}^{(10)} + 2m_{200}^{(21)}m_{201}^{(10)}m_{031}^{(22)} - 2m_{200}^{(21)}m_{201}^{(10)}m_{022}^{(21)} - 2m_{200}^{(21)}m_{201}^{(11)}m_{121}^{(22)}\\
&+2m_{200}^{(21)}m_{201}^{(11)}m_{022}^{(20)} - 2m_{200}^{(21)}m_{201}^{(20)}m_{031}^{(21)} + 2m_{200}^{(21)}m_{201}^{(20)}m_{022}^{(11)} + 4m_{200}^{(21)}m_{201}^{(21)}m_{121}^{(21)}\\
&-2m_{200}^{(21)}m_{201}^{(21)}m_{031}^{(20)} - 2m_{200}^{(21)}m_{201}^{(21)}m_{022}^{(10)} - 2m_{200}^{(21)}m_{201}^{(22)}m_{121}^{(11)} + 2m_{200}^{(21)}m_{201}^{(22)}m_{031}^{(10)}\\
&+2m_{200}^{(21)}m_{120}^{(00)}m_{022}^{(22)} - 2m_{200}^{(21)}m_{120}^{(00)}m_{013}^{(21)} - m_{200}^{(21)}m_{120}^{(10)}m_{112}^{(22)} - m_{200}^{(21)}m_{120}^{(10)}m_{103}^{(21)}
\end{aligned}
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\begin{aligned}
&+2m_{200}^{(21)}m_{120}^{(10)}m_{013}^{(20)} - m_{200}^{(21)}m_{120}^{(11)}m_{202}^{(22)} + m_{200}^{(21)}m_{120}^{(11)}m_{103}^{(20)} + m_{200}^{(21)}m_{120}^{(20)}m_{112}^{(21)}\\
&+m_{200}^{(21)}m_{120}^{(20)}m_{103}^{(11)} - 4m_{200}^{(21)}m_{120}^{(20)}m_{022}^{(20)} + 2m_{200}^{(21)}m_{120}^{(20)}m_{013}^{(10)} + 2m_{200}^{(21)}m_{120}^{(21)}m_{202}^{(21)}\\
&+m_{200}^{(21)}m_{120}^{(21)}m_{112}^{(20)} - m_{200}^{(21)}m_{120}^{(21)}m_{103}^{(10)} - 2m_{200}^{(21)}m_{120}^{(21)}m_{013}^{(00)} - m_{200}^{(21)}m_{120}^{(22)}m_{202}^{(11)}\\
&-m_{200}^{(21)}m_{120}^{(22)}m_{112}^{(10)} + 2m_{200}^{(21)}m_{120}^{(22)}m_{022}^{(00)} - 2m_{200}^{(21)}m_{111}^{(00)}m_{031}^{(22)} + 2m_{200}^{(21)}m_{111}^{(00)}m_{013}^{(11)}\\
&+2m_{200}^{(21)}m_{111}^{(10)}m_{121}^{(22)} + 2m_{200}^{(21)}m_{111}^{(10)}m_{112}^{(21)} - 4m_{200}^{(21)}m_{111}^{(10)}m_{013}^{(10)} - 2m_{200}^{(21)}m_{111}^{(11)}m_{112}^{(20)}\\
&+2m_{200}^{(21)}m_{111}^{(11)}m_{013}^{(00)} - 2m_{200}^{(21)}m_{111}^{(20)}m_{121}^{(21)} - 2m_{200}^{(21)}m_{111}^{(20)}m_{112}^{(11)} + 4m_{200}^{(21)}m_{111}^{(20)}m_{031}^{(20)}\\
&-2m_{200}^{(21)}m_{111}^{(21)}m_{121}^{(20)} + 2m_{200}^{(21)}m_{111}^{(21)}m_{112}^{(10)} + 2m_{200}^{(21)}m_{111}^{(22)}m_{121}^{(10)} - 2m_{200}^{(21)}m_{111}^{(22)}m_{031}^{(00)}\\
&+2m_{200}^{(21)}m_{102}^{(00)}m_{031}^{(21)} - 2m_{200}^{(21)}m_{102}^{(00)}m_{022}^{(11)} - m_{200}^{(21)}m_{102}^{(10)}m_{130}^{(22)} - m_{200}^{(21)}m_{102}^{(10)}m_{121}^{(21)}\\
&-2m_{200}^{(21)}m_{102}^{(10)}m_{031}^{(20)} + 4m_{200}^{(21)}m_{102}^{(10)}m_{022}^{(10)} + m_{200}^{(21)}m_{102}^{(11)}m_{220}^{(22)} + m_{200}^{(21)}m_{102}^{(11)}m_{121}^{(20)}\\
&-2m_{200}^{(21)}m_{102}^{(11)}m_{022}^{(00)} + m_{200}^{(21)}m_{102}^{(20)}m_{130}^{(21)} + m_{200}^{(21)}m_{102}^{(20)}m_{121}^{(11)} - 2m_{200}^{(21)}m_{102}^{(20)}m_{031}^{(10)}\\
&-2m_{200}^{(21)}m_{102}^{(21)}m_{220}^{(21)} + m_{200}^{(21)}m_{102}^{(21)}m_{130}^{(20)} - m_{200}^{(21)}m_{102}^{(21)}m_{121}^{(10)} + 2m_{200}^{(21)}m_{102}^{(21)}m_{031}^{(00)}\\
&+m_{200}^{(21)}m_{102}^{(22)}m_{220}^{(11)} - m_{200}^{(21)}m_{102}^{(22)}m_{130}^{(10)} - m_{200}^{(21)}m_{030}^{(00)}m_{112}^{(22)} + m_{200}^{(21)}m_{030}^{(00)}m_{103}^{(21)}\\
&+m_{200}^{(21)}m_{030}^{(10)}m_{202}^{(22)} - m_{200}^{(21)}m_{030}^{(10)}m_{103}^{(20)} - m_{200}^{(21)}m_{030}^{(20)}m_{202}^{(21)} + 2m_{200}^{(21)}m_{030}^{(20)}m_{112}^{(20)}\\
&-m_{200}^{(21)}m_{030}^{(20)}m_{103}^{(10)} - m_{200}^{(21)}m_{030}^{(21)}m_{202}^{(20)} + m_{200}^{(21)}m_{030}^{(21)}m_{103}^{(00)} + m_{200}^{(21)}m_{030}^{(22)}m_{202}^{(10)}\\
&-m_{200}^{(21)}m_{030}^{(22)}m_{112}^{(00)} + m_{200}^{(21)}m_{021}^{(00)}m_{112}^{(21)} - m_{200}^{(21)}m_{021}^{(00)}m_{103}^{(11)} - m_{200}^{(21)}m_{021}^{(10)}m_{202}^{(21)}\\
&-m_{200}^{(21)}m_{021}^{(10)}m_{112}^{(20)} + 2m_{200}^{(21)}m_{021}^{(10)}m_{103}^{(10)} + m_{200}^{(21)}m_{021}^{(11)}m_{202}^{(20)} - m_{200}^{(21)}m_{021}^{(11)}m_{103}^{(00)}\\
&+m_{200}^{(21)}m_{021}^{(20)}m_{202}^{(11)} - m_{200}^{(21)}m_{021}^{(20)}m_{112}^{(10)} - m_{200}^{(21)}m_{021}^{(21)}m_{202}^{(10)} + m_{200}^{(21)}m_{021}^{(21)}m_{112}^{(00)}\\
&+m_{200}^{(21)}m_{012}^{(00)}m_{130}^{(22)} - m_{200}^{(21)}m_{012}^{(00)}m_{121}^{(21)} - m_{200}^{(21)}m_{012}^{(10)}m_{220}^{(22)} + m_{200}^{(21)}m_{012}^{(10)}m_{121}^{(20)}\\
&+m_{200}^{(21)}m_{012}^{(20)}m_{220}^{(21)} - 2m_{200}^{(21)}m_{012}^{(20)}m_{130}^{(20)} + m_{200}^{(21)}m_{012}^{(20)}m_{121}^{(10)} + m_{200}^{(21)}m_{012}^{(21)}m_{220}^{(20)}\\
&-m_{200}^{(21)}m_{012}^{(21)}m_{121}^{(00)} - m_{200}^{(21)}m_{012}^{(22)}m_{220}^{(10)} + m_{200}^{(21)}m_{012}^{(22)}m_{130}^{(00)} - m_{200}^{(21)}m_{003}^{(00)}m_{130}^{(21)}\\
&+m_{200}^{(21)}m_{003}^{(00)}m_{121}^{(11)} + m_{200}^{(21)}m_{003}^{(10)}m_{220}^{(21)} + m_{200}^{(21)}m_{003}^{(10)}m_{130}^{(20)} - 2m_{200}^{(21)}m_{003}^{(10)}m_{121}^{(10)}\\
&-m_{200}^{(21)}m_{003}^{(11)}m_{220}^{(20)} + m_{200}^{(21)}m_{003}^{(11)}m_{121}^{(00)} - m_{200}^{(21)}m_{003}^{(20)}m_{220}^{(11)} + m_{200}^{(21)}m_{003}^{(20)}m_{130}^{(10)}\\
&+m_{200}^{(21)}m_{003}^{(21)}m_{220}^{(10)} - m_{200}^{(21)}m_{003}^{(21)}m_{130}^{(00)} + m_{200}^{(22)}m_{210}^{(10)}m_{031}^{(22)} - m_{200}^{(22)}m_{210}^{(10)}m_{022}^{(21)}\\
&-m_{200}^{(22)}m_{210}^{(11)}m_{121}^{(22)} + m_{200}^{(22)}m_{210}^{(11)}m_{022}^{(20)} - m_{200}^{(22)}m_{210}^{(20)}m_{031}^{(21)} + m_{200}^{(22)}m_{210}^{(20)}m_{022}^{(11)}\\
&+2m_{200}^{(22)}m_{210}^{(21)}m_{121}^{(21)} - m_{200}^{(22)}m_{210}^{(21)}m_{031}^{(20)} - m_{200}^{(22)}m_{210}^{(21)}m_{022}^{(10)} - m_{200}^{(22)}m_{210}^{(22)}m_{121}^{(11)}\\
&+m_{200}^{(22)}m_{210}^{(22)}m_{031}^{(10)} - m_{200}^{(22)}m_{201}^{(10)}m_{040}^{(22)} + m_{200}^{(22)}m_{201}^{(10)}m_{031}^{(21)} + m_{200}^{(22)}m_{201}^{(11)}m_{130}^{(22)}\\
&-m_{200}^{(22)}m_{201}^{(11)}m_{031}^{(20)} + m_{200}^{(22)}m_{201}^{(20)}m_{040}^{(21)} - m_{200}^{(22)}m_{201}^{(20)}m_{031}^{(11)} - 2m_{200}^{(22)}m_{201}^{(21)}m_{130}^{(21)}\\
&+m_{200}^{(22)}m_{201}^{(21)}m_{040}^{(20)} + m_{200}^{(22)}m_{201}^{(21)}m_{031}^{(10)} + m_{200}^{(22)}m_{201}^{(22)}m_{130}^{(11)} - m_{200}^{(22)}m_{201}^{(22)}m_{040}^{(10)}\\
&-m_{200}^{(22)}m_{120}^{(00)}m_{031}^{(22)} + m_{200}^{(22)}m_{120}^{(00)}m_{022}^{(21)} + m_{200}^{(22)}m_{120}^{(10)}m_{112}^{(21)} - m_{200}^{(22)}m_{120}^{(10)}m_{022}^{(20)}\\
&+m_{200}^{(22)}m_{120}^{(11)}m_{211}^{(22)} - m_{200}^{(22)}m_{120}^{(11)}m_{112}^{(20)} - m_{200}^{(22)}m_{120}^{(20)}m_{112}^{(11)} + 2m_{200}^{(22)}m_{120}^{(20)}m_{031}^{(20)}\\
&-m_{200}^{(22)}m_{120}^{(20)}m_{022}^{(10)} - 2m_{200}^{(22)}m_{120}^{(21)}m_{211}^{(21)} + m_{200}^{(22)}m_{120}^{(21)}m_{112}^{(10)} + m_{200}^{(22)}m_{120}^{(21)}m_{022}^{(00)}\\
&+m_{200}^{(22)}m_{120}^{(22)}m_{211}^{(11)} - m_{200}^{(22)}m_{120}^{(22)}m_{031}^{(00)} + m_{200}^{(22)}m_{111}^{(00)}m_{040}^{(22)} - m_{200}^{(22)}m_{111}^{(00)}m_{022}^{(11)}\\
&-2m_{200}^{(22)}m_{111}^{(10)}m_{121}^{(21)} + 2m_{200}^{(22)}m_{111}^{(10)}m_{022}^{(10)} - m_{200}^{(22)}m_{111}^{(11)}m_{220}^{(22)} + 2m_{200}^{(22)}m_{111}^{(11)}m_{121}^{(20)}\\
&-m_{200}^{(22)}m_{111}^{(11)}m_{022}^{(00)} + 2m_{200}^{(22)}m_{111}^{(20)}m_{121}^{(11)} - 2m_{200}^{(22)}m_{111}^{(20)}m_{040}^{(20)} + 2m_{200}^{(22)}m_{111}^{(21)}m_{220}^{(21)}\\
&-2m_{200}^{(22)}m_{111}^{(21)}m_{121}^{(10)} - m_{200}^{(22)}m_{111}^{(22)}m_{220}^{(11)} + m_{200}^{(22)}m_{111}^{(22)}m_{040}^{(00)} - m_{200}^{(22)}m_{102}^{(00)}m_{040}^{(21)}\\
&+m_{200}^{(22)}m_{102}^{(00)}m_{031}^{(11)} + m_{200}^{(22)}m_{102}^{(10)}m_{130}^{(21)} + m_{200}^{(22)}m_{102}^{(10)}m_{040}^{(20)} - 2m_{200}^{(22)}m_{102}^{(10)}m_{031}^{(10)}\\
&-m_{200}^{(22)}m_{102}^{(11)}m_{130}^{(20)} + m_{200}^{(22)}m_{102}^{(11)}m_{031}^{(00)} - m_{200}^{(22)}m_{102}^{(20)}m_{130}^{(11)} + m_{200}^{(22)}m_{102}^{(20)}m_{040}^{(10)}\\
&+m_{200}^{(22)}m_{102}^{(21)}m_{130}^{(10)} - m_{200}^{(22)}m_{102}^{(21)}m_{040}^{(00)} + m_{200}^{(22)}m_{030}^{(00)}m_{121}^{(22)} - m_{200}^{(22)}m_{030}^{(00)}m_{112}^{(21)}
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\begin{aligned}
&-m_{200}^{(22)}m_{030}^{(10)}m_{211}^{(22)}+m_{200}^{(22)}m_{030}^{(10)}m_{112}^{(20)}+m_{200}^{(22)}m_{030}^{(20)}m_{211}^{(21)}-2m_{200}^{(22)}m_{030}^{(20)}m_{121}^{(20)}\\
&+m_{200}^{(22)}m_{030}^{(20)}m_{112}^{(10)}+m_{200}^{(22)}m_{030}^{(21)}m_{211}^{(20)}-m_{200}^{(22)}m_{030}^{(21)}m_{112}^{(00)}-m_{200}^{(22)}m_{030}^{(22)}m_{211}^{(10)}\\
&+m_{200}^{(22)}m_{030}^{(22)}m_{121}^{(00)}-m_{200}^{(22)}m_{021}^{(00)}m_{130}^{(22)}+m_{200}^{(22)}m_{021}^{(00)}m_{112}^{(11)}+m_{200}^{(22)}m_{021}^{(10)}m_{220}^{(22)}\\
&+m_{200}^{(22)}m_{021}^{(10)}m_{211}^{(21)}-2m_{200}^{(22)}m_{021}^{(10)}m_{112}^{(10)}-m_{200}^{(22)}m_{021}^{(11)}m_{211}^{(20)}+m_{200}^{(22)}m_{021}^{(11)}m_{112}^{(00)}\\
&-m_{200}^{(22)}m_{021}^{(20)}m_{220}^{(21)}-m_{200}^{(22)}m_{021}^{(20)}m_{211}^{(11)}+2m_{200}^{(22)}m_{021}^{(20)}m_{130}^{(20)}-m_{200}^{(22)}m_{021}^{(21)}m_{220}^{(20)}\\
&+m_{200}^{(22)}m_{021}^{(21)}m_{211}^{(10)}+m_{200}^{(22)}m_{021}^{(22)}m_{220}^{(10)}-m_{200}^{(22)}m_{021}^{(22)}m_{130}^{(00)}+m_{200}^{(22)}m_{012}^{(00)}m_{130}^{(21)}\\
&-m_{200}^{(22)}m_{012}^{(00)}m_{121}^{(11)}-m_{200}^{(22)}m_{012}^{(10)}m_{220}^{(21)}-m_{200}^{(22)}m_{012}^{(10)}m_{130}^{(20)}+2m_{200}^{(22)}m_{012}^{(10)}m_{121}^{(10)}\\
&+m_{200}^{(22)}m_{012}^{(11)}m_{220}^{(20)}-m_{200}^{(22)}m_{012}^{(11)}m_{121}^{(00)}+m_{200}^{(22)}m_{012}^{(20)}m_{220}^{(11)}-m_{200}^{(22)}m_{012}^{(20)}m_{130}^{(10)}\\
&-m_{200}^{(22)}m_{012}^{(21)}m_{220}^{(10)}+m_{200}^{(22)}m_{012}^{(21)}m_{130}^{(00)}+m_{110}^{(00)}m_{120}^{(10)}m_{013}^{(22)}-m_{110}^{(00)}m_{120}^{(10)}m_{004}^{(21)}\\
&-m_{110}^{(00)}m_{120}^{(11)}m_{103}^{(22)}+m_{110}^{(00)}m_{120}^{(11)}m_{004}^{(20)}-m_{110}^{(00)}m_{120}^{(20)}m_{013}^{(21)}+m_{110}^{(00)}m_{120}^{(20)}m_{004}^{(11)}\\
&+2m_{110}^{(00)}m_{120}^{(21)}m_{103}^{(21)}-m_{110}^{(00)}m_{120}^{(21)}m_{013}^{(20)}-m_{110}^{(00)}m_{120}^{(21)}m_{004}^{(10)}-m_{110}^{(00)}m_{120}^{(22)}m_{103}^{(11)}\\
&+m_{110}^{(00)}m_{120}^{(22)}m_{013}^{(10)}-2m_{110}^{(00)}m_{111}^{(10)}m_{022}^{(22)}+2m_{110}^{(00)}m_{111}^{(10)}m_{013}^{(21)}+2m_{110}^{(00)}m_{111}^{(11)}m_{112}^{(22)}\\
&-2m_{110}^{(00)}m_{111}^{(11)}m_{013}^{(20)}+2m_{110}^{(00)}m_{111}^{(20)}m_{022}^{(21)}-2m_{110}^{(00)}m_{111}^{(20)}m_{013}^{(11)}-4m_{110}^{(00)}m_{111}^{(21)}m_{112}^{(21)}\\
&+2m_{110}^{(00)}m_{111}^{(21)}m_{022}^{(20)}+2m_{110}^{(00)}m_{111}^{(21)}m_{013}^{(10)}+2m_{110}^{(00)}m_{111}^{(22)}m_{112}^{(11)}-2m_{110}^{(00)}m_{111}^{(22)}m_{022}^{(10)}\\
&+m_{110}^{(00)}m_{102}^{(10)}m_{031}^{(22)}-m_{110}^{(00)}m_{102}^{(10)}m_{022}^{(21)}-m_{110}^{(00)}m_{102}^{(11)}m_{121}^{(22)}+m_{110}^{(00)}m_{102}^{(11)}m_{022}^{(20)}\\
&-m_{110}^{(00)}m_{102}^{(20)}m_{031}^{(21)}+m_{110}^{(00)}m_{102}^{(20)}m_{022}^{(11)}+2m_{110}^{(00)}m_{102}^{(21)}m_{121}^{(21)}-m_{110}^{(00)}m_{102}^{(21)}m_{031}^{(20)}\\
&-m_{110}^{(00)}m_{102}^{(21)}m_{022}^{(10)}-m_{110}^{(00)}m_{102}^{(22)}m_{121}^{(11)}+m_{110}^{(00)}m_{102}^{(22)}m_{031}^{(10)}-m_{110}^{(00)}m_{030}^{(00)}m_{013}^{(22)}\\
&+m_{110}^{(00)}m_{030}^{(00)}m_{004}^{(21)}+m_{110}^{(00)}m_{030}^{(10)}m_{103}^{(22)}-m_{110}^{(00)}m_{030}^{(10)}m_{004}^{(20)}-m_{110}^{(00)}m_{030}^{(20)}m_{103}^{(21)}\\
&+2m_{110}^{(00)}m_{030}^{(20)}m_{013}^{(20)}-m_{110}^{(00)}m_{030}^{(20)}m_{004}^{(10)}-m_{110}^{(00)}m_{030}^{(21)}m_{103}^{(20)}+m_{110}^{(00)}m_{030}^{(21)}m_{004}^{(00)}\\
&+m_{110}^{(00)}m_{030}^{(22)}m_{103}^{(10)}-m_{110}^{(00)}m_{030}^{(22)}m_{013}^{(00)}+2m_{110}^{(00)}m_{021}^{(00)}m_{022}^{(22)}-m_{110}^{(00)}m_{021}^{(00)}m_{013}^{(21)}\\
&-m_{110}^{(00)}m_{021}^{(00)}m_{004}^{(11)}-2m_{110}^{(00)}m_{021}^{(10)}m_{112}^{(22)}-m_{110}^{(00)}m_{021}^{(10)}m_{103}^{(21)}+m_{110}^{(00)}m_{021}^{(10)}m_{013}^{(20)}\\
&+2m_{110}^{(00)}m_{021}^{(10)}m_{004}^{(10)}+m_{110}^{(00)}m_{021}^{(11)}m_{103}^{(20)}-m_{110}^{(00)}m_{021}^{(11)}m_{004}^{(00)}+2m_{110}^{(00)}m_{021}^{(20)}m_{112}^{(21)}\\
&+m_{110}^{(00)}m_{021}^{(20)}m_{103}^{(11)}-4m_{110}^{(00)}m_{021}^{(20)}m_{022}^{(20)}+m_{110}^{(00)}m_{021}^{(20)}m_{013}^{(10)}+2m_{110}^{(00)}m_{021}^{(21)}m_{112}^{(20)}\\
&-m_{110}^{(00)}m_{021}^{(21)}m_{103}^{(10)}-m_{110}^{(00)}m_{021}^{(21)}m_{013}^{(00)}-2m_{110}^{(00)}m_{021}^{(22)}m_{112}^{(10)}+2m_{110}^{(00)}m_{021}^{(22)}m_{022}^{(00)}\\
&-m_{110}^{(00)}m_{012}^{(00)}m_{031}^{(22)}-m_{110}^{(00)}m_{012}^{(00)}m_{022}^{(21)}+2m_{110}^{(00)}m_{012}^{(00)}m_{013}^{(11)}+m_{110}^{(00)}m_{012}^{(10)}m_{121}^{(22)}\\
&+2m_{110}^{(00)}m_{012}^{(10)}m_{112}^{(21)}+m_{110}^{(00)}m_{012}^{(10)}m_{022}^{(20)}-4m_{110}^{(00)}m_{012}^{(10)}m_{013}^{(10)}-2m_{110}^{(00)}m_{012}^{(11)}m_{112}^{(20)}\\
&+2m_{110}^{(00)}m_{012}^{(11)}m_{013}^{(00)}-m_{110}^{(00)}m_{012}^{(20)}m_{121}^{(21)}-2m_{110}^{(00)}m_{012}^{(20)}m_{112}^{(11)}+2m_{110}^{(00)}m_{012}^{(20)}m_{031}^{(20)}\\
&+m_{110}^{(00)}m_{012}^{(20)}m_{022}^{(10)}-m_{110}^{(00)}m_{012}^{(21)}m_{121}^{(20)}+2m_{110}^{(00)}m_{012}^{(21)}m_{112}^{(10)}-m_{110}^{(00)}m_{012}^{(21)}m_{022}^{(00)}\\
&+m_{110}^{(00)}m_{012}^{(22)}m_{121}^{(10)}-m_{110}^{(00)}m_{012}^{(22)}m_{031}^{(00)}+m_{110}^{(00)}m_{003}^{(00)}m_{031}^{(21)}-m_{110}^{(00)}m_{003}^{(00)}m_{022}^{(11)}\\
&-m_{110}^{(00)}m_{003}^{(10)}m_{121}^{(21)}-m_{110}^{(00)}m_{003}^{(10)}m_{031}^{(20)}+2m_{110}^{(00)}m_{003}^{(10)}m_{022}^{(10)}+m_{110}^{(00)}m_{003}^{(11)}m_{121}^{(20)}\\
&-m_{110}^{(00)}m_{003}^{(11)}m_{022}^{(00)}+m_{110}^{(00)}m_{003}^{(20)}m_{121}^{(11)}-m_{110}^{(00)}m_{003}^{(20)}m_{031}^{(10)}-m_{110}^{(00)}m_{003}^{(21)}m_{121}^{(10)}\\
&+m_{110}^{(00)}m_{003}^{(21)}m_{031}^{(00)}-m_{110}^{(11)}m_{300}^{(10)}m_{013}^{(22)}+m_{110}^{(11)}m_{300}^{(10)}m_{004}^{(21)}+m_{110}^{(11)}m_{300}^{(11)}m_{103}^{(22)}\\
&-m_{110}^{(11)}m_{300}^{(11)}m_{004}^{(20)}+m_{110}^{(11)}m_{300}^{(20)}m_{013}^{(21)}-m_{110}^{(11)}m_{300}^{(20)}m_{004}^{(11)}-2m_{110}^{(11)}m_{300}^{(21)}m_{103}^{(21)}\\
&+m_{110}^{(11)}m_{300}^{(21)}m_{013}^{(20)}+m_{110}^{(11)}m_{300}^{(21)}m_{004}^{(10)}+m_{110}^{(11)}m_{300}^{(22)}m_{103}^{(11)}-m_{110}^{(11)}m_{300}^{(22)}m_{013}^{(10)}\\
&+m_{110}^{(11)}m_{210}^{(00)}m_{013}^{(22)}-m_{110}^{(11)}m_{210}^{(00)}m_{004}^{(21)}-m_{110}^{(11)}m_{210}^{(10)}m_{103}^{(22)}+m_{110}^{(11)}m_{210}^{(10)}m_{004}^{(20)}\\
&+m_{110}^{(11)}m_{210}^{(20)}m_{103}^{(21)}-2m_{110}^{(11)}m_{210}^{(20)}m_{013}^{(20)}+m_{110}^{(11)}m_{210}^{(20)}m_{004}^{(10)}+m_{110}^{(11)}m_{210}^{(21)}m_{103}^{(20)}\\
&-m_{110}^{(11)}m_{210}^{(21)}m_{004}^{(00)}-m_{110}^{(11)}m_{210}^{(22)}m_{103}^{(10)}+m_{110}^{(11)}m_{210}^{(22)}m_{013}^{(00)}-m_{110}^{(11)}m_{201}^{(00)}m_{013}^{(21)}\\
&+m_{110}^{(11)}m_{201}^{(00)}m_{004}^{(11)}+2m_{110}^{(11)}m_{201}^{(10)}m_{112}^{(22)}-m_{110}^{(11)}m_{201}^{(10)}m_{103}^{(21)}+m_{110}^{(11)}m_{201}^{(10)}m_{013}^{(20)}
\end{aligned}
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\begin{aligned}
&-2m_{110}^{(11)}m_{201}^{(10)}m_{004}^{(10)} - 2m_{110}^{(11)}m_{201}^{(11)}m_{202}^{(22)} + m_{110}^{(11)}m_{201}^{(11)}m_{103}^{(20)} + m_{110}^{(11)}m_{201}^{(11)}m_{004}^{(00)}\\
&-2m_{110}^{(11)}m_{201}^{(20)}m_{112}^{(21)} + m_{110}^{(11)}m_{201}^{(20)}m_{103}^{(11)} + m_{110}^{(11)}m_{201}^{(20)}m_{013}^{(10)} + 4m_{110}^{(11)}m_{201}^{(21)}m_{202}^{(21)}\\
&-2m_{110}^{(11)}m_{201}^{(21)}m_{112}^{(20)} - m_{110}^{(11)}m_{201}^{(21)}m_{103}^{(10)} - m_{110}^{(11)}m_{201}^{(21)}m_{013}^{(00)} - 2m_{110}^{(11)}m_{201}^{(22)}m_{202}^{(11)}\\
&+2m_{110}^{(11)}m_{201}^{(22)}m_{112}^{(10)} - 2m_{110}^{(11)}m_{111}^{(00)}m_{112}^{(22)} + 2m_{110}^{(11)}m_{111}^{(21)}m_{103}^{(21)} + 2m_{110}^{(11)}m_{111}^{(10)}m_{202}^{(22)}\\
&-2m_{110}^{(11)}m_{111}^{(10)}m_{103}^{(20)} - 2m_{110}^{(11)}m_{111}^{(20)}m_{202}^{(21)} + 4m_{110}^{(11)}m_{111}^{(20)}m_{112}^{(20)} - 2m_{110}^{(11)}m_{111}^{(20)}m_{103}^{(10)}\\
&-2m_{110}^{(11)}m_{111}^{(21)}m_{202}^{(20)} + 2m_{110}^{(11)}m_{111}^{(21)}m_{103}^{(00)} + 2m_{110}^{(11)}m_{111}^{(22)}m_{202}^{(10)} - 2m_{110}^{(11)}m_{111}^{(22)}m_{112}^{(00)}\\
&+2m_{110}^{(11)}m_{102}^{(00)}m_{112}^{(21)} - 2m_{110}^{(11)}m_{102}^{(00)}m_{103}^{(11)} - m_{110}^{(11)}m_{102}^{(10)}m_{211}^{(22)} - m_{110}^{(11)}m_{102}^{(10)}m_{202}^{(21)}\\
&-2m_{110}^{(11)}m_{102}^{(10)}m_{112}^{(20)} + 4m_{110}^{(11)}m_{102}^{(10)}m_{103}^{(10)} + m_{110}^{(11)}m_{102}^{(11)}m_{301}^{(22)} + m_{110}^{(11)}m_{102}^{(11)}m_{202}^{(20)}\\
&-2m_{110}^{(11)}m_{102}^{(11)}m_{103}^{(00)} + m_{110}^{(11)}m_{102}^{(20)}m_{211}^{(21)} + m_{110}^{(11)}m_{102}^{(20)}m_{202}^{(11)} - 2m_{110}^{(11)}m_{102}^{(20)}m_{112}^{(10)}\\
&-2m_{110}^{(11)}m_{102}^{(21)}m_{301}^{(21)} + m_{110}^{(11)}m_{102}^{(21)}m_{211}^{(20)} - m_{110}^{(11)}m_{102}^{(21)}m_{202}^{(10)} + 2m_{110}^{(11)}m_{102}^{(21)}m_{112}^{(00)}\\
&+m_{110}^{(11)}m_{102}^{(22)}m_{301}^{(11)} - m_{110}^{(11)}m_{102}^{(22)}m_{211}^{(10)} + m_{110}^{(11)}m_{012}^{(00)}m_{211}^{(22)} - m_{110}^{(11)}m_{012}^{(00)}m_{202}^{(21)}\\
&-m_{110}^{(11)}m_{012}^{(10)}m_{301}^{(22)} + m_{110}^{(11)}m_{012}^{(10)}m_{202}^{(20)} + m_{110}^{(11)}m_{012}^{(20)}m_{301}^{(21)} - 2m_{110}^{(11)}m_{012}^{(20)}m_{211}^{(20)}\\
&+m_{110}^{(11)}m_{012}^{(20)}m_{202}^{(10)} + m_{110}^{(11)}m_{012}^{(21)}m_{301}^{(20)} - m_{110}^{(11)}m_{012}^{(21)}m_{202}^{(00)} - m_{110}^{(11)}m_{012}^{(22)}m_{301}^{(10)}\\
&+m_{110}^{(11)}m_{012}^{(22)}m_{211}^{(00)} - m_{110}^{(11)}m_{003}^{(00)}m_{211}^{(21)} + m_{110}^{(11)}m_{003}^{(00)}m_{202}^{(11)} + m_{110}^{(11)}m_{003}^{(10)}m_{301}^{(21)}\\
&+m_{110}^{(11)}m_{003}^{(10)}m_{211}^{(20)} - 2m_{110}^{(11)}m_{003}^{(10)}m_{202}^{(10)} - m_{110}^{(11)}m_{003}^{(11)}m_{301}^{(20)} + m_{110}^{(11)}m_{003}^{(11)}m_{202}^{(00)}\\
&-m_{110}^{(11)}m_{003}^{(20)}m_{301}^{(11)} + m_{110}^{(11)}m_{003}^{(20)}m_{211}^{(10)} + m_{110}^{(11)}m_{003}^{(21)}m_{301}^{(10)} - m_{110}^{(11)}m_{003}^{(21)}m_{211}^{(00)}\\
&-2m_{110}^{(20)}m_{120}^{(10)}m_{112}^{(22)} + 2m_{110}^{(20)}m_{120}^{(10)}m_{103}^{(21)} + 2m_{110}^{(20)}m_{120}^{(11)}m_{202}^{(22)} - 2m_{110}^{(20)}m_{120}^{(11)}m_{103}^{(20)}\\
&+2m_{110}^{(20)}m_{120}^{(20)}m_{112}^{(21)} - 2m_{110}^{(20)}m_{120}^{(20)}m_{103}^{(11)} - 4m_{110}^{(20)}m_{120}^{(21)}m_{202}^{(21)} + 2m_{110}^{(20)}m_{120}^{(21)}m_{112}^{(20)}\\
&+2m_{110}^{(20)}m_{120}^{(21)}m_{103}^{(10)} + 2m_{110}^{(20)}m_{120}^{(22)}m_{202}^{(11)} - 2m_{110}^{(20)}m_{120}^{(22)}m_{112}^{(10)} + 4m_{110}^{(20)}m_{111}^{(10)}m_{121}^{(22)}\\
&-4m_{110}^{(20)}m_{111}^{(10)}m_{112}^{(21)} - 4m_{110}^{(20)}m_{111}^{(11)}m_{211}^{(22)} + 4m_{110}^{(20)}m_{111}^{(11)}m_{112}^{(20)} - 4m_{110}^{(20)}m_{111}^{(20)}m_{121}^{(21)}\\
&+4m_{110}^{(20)}m_{111}^{(20)}m_{112}^{(11)} + 8m_{110}^{(20)}m_{111}^{(21)}m_{211}^{(21)} - 4m_{110}^{(20)}m_{111}^{(21)}m_{121}^{(20)} - 4m_{110}^{(20)}m_{111}^{(21)}m_{112}^{(10)}\\
&-4m_{110}^{(20)}m_{111}^{(22)}m_{211}^{(11)} + 4m_{110}^{(20)}m_{111}^{(22)}m_{121}^{(10)} - 2m_{110}^{(20)}m_{102}^{(10)}m_{130}^{(22)} + 2m_{110}^{(20)}m_{102}^{(10)}m_{121}^{(21)}\\
&+2m_{110}^{(20)}m_{102}^{(11)}m_{220}^{(22)} - 2m_{110}^{(20)}m_{102}^{(11)}m_{121}^{(20)} + 2m_{110}^{(20)}m_{102}^{(20)}m_{130}^{(21)} - 2m_{110}^{(20)}m_{102}^{(20)}m_{121}^{(11)}\\
&-4m_{110}^{(20)}m_{102}^{(21)}m_{220}^{(21)} + 2m_{110}^{(20)}m_{102}^{(21)}m_{130}^{(20)} + 2m_{110}^{(20)}m_{102}^{(21)}m_{121}^{(10)} + 2m_{110}^{(20)}m_{102}^{(22)}m_{220}^{(11)}\\
&-2m_{110}^{(20)}m_{102}^{(22)}m_{130}^{(10)} + 2m_{110}^{(20)}m_{030}^{(00)}m_{112}^{(22)} - 2m_{110}^{(20)}m_{030}^{(00)}m_{103}^{(21)} - 2m_{110}^{(20)}m_{030}^{(10)}m_{202}^{(22)}\\
&+2m_{110}^{(20)}m_{030}^{(10)}m_{103}^{(20)} + 2m_{110}^{(20)}m_{030}^{(20)}m_{202}^{(21)} - 4m_{110}^{(20)}m_{030}^{(20)}m_{112}^{(20)} + 2m_{110}^{(20)}m_{030}^{(20)}m_{103}^{(10)}\\
&+2m_{110}^{(20)}m_{030}^{(21)}m_{202}^{(20)} - 2m_{110}^{(20)}m_{030}^{(21)}m_{103}^{(00)} - 2m_{110}^{(20)}m_{030}^{(22)}m_{202}^{(10)} + 2m_{110}^{(20)}m_{030}^{(22)}m_{112}^{(00)}\\
&-4m_{110}^{(20)}m_{021}^{(00)}m_{121}^{(22)} + 2m_{110}^{(20)}m_{021}^{(00)}m_{112}^{(21)} + 2m_{110}^{(20)}m_{021}^{(00)}m_{103}^{(11)} + 4m_{110}^{(20)}m_{021}^{(10)}m_{211}^{(22)}\\
&+2m_{110}^{(20)}m_{021}^{(10)}m_{202}^{(21)} - 2m_{110}^{(20)}m_{021}^{(10)}m_{112}^{(20)} - 4m_{110}^{(20)}m_{021}^{(10)}m_{103}^{(10)} - 2m_{110}^{(20)}m_{021}^{(11)}m_{202}^{(20)}\\
&+2m_{110}^{(20)}m_{021}^{(11)}m_{103}^{(00)} - 4m_{110}^{(20)}m_{021}^{(20)}m_{211}^{(21)} - 2m_{110}^{(20)}m_{021}^{(20)}m_{202}^{(11)} + 8m_{110}^{(20)}m_{021}^{(20)}m_{121}^{(20)}\\
&-2m_{110}^{(20)}m_{021}^{(20)}m_{112}^{(10)} - 4m_{110}^{(20)}m_{021}^{(21)}m_{211}^{(20)} + 2m_{110}^{(20)}m_{021}^{(21)}m_{202}^{(10)} + 2m_{110}^{(20)}m_{021}^{(21)}m_{112}^{(00)}\\
&+4m_{110}^{(20)}m_{021}^{(22)}m_{211}^{(10)} - 4m_{110}^{(20)}m_{021}^{(22)}m_{121}^{(00)} + 2m_{110}^{(20)}m_{012}^{(00)}m_{130}^{(22)} + 2m_{110}^{(20)}m_{012}^{(00)}m_{121}^{(21)}\\
&-4m_{110}^{(20)}m_{012}^{(00)}m_{112}^{(11)} - 2m_{110}^{(20)}m_{012}^{(10)}m_{220}^{(22)} - 4m_{110}^{(20)}m_{012}^{(10)}m_{211}^{(21)} - 2m_{110}^{(20)}m_{012}^{(10)}m_{121}^{(20)}\\
&+8m_{110}^{(20)}m_{012}^{(10)}m_{112}^{(10)} + 4m_{110}^{(20)}m_{012}^{(11)}m_{211}^{(20)} - 4m_{110}^{(20)}m_{012}^{(11)}m_{112}^{(00)} + 2m_{110}^{(20)}m_{012}^{(20)}m_{220}^{(21)}\\
&+4m_{110}^{(20)}m_{012}^{(20)}m_{211}^{(11)} - 4m_{110}^{(20)}m_{012}^{(20)}m_{130}^{(20)} - 2m_{110}^{(20)}m_{012}^{(20)}m_{121}^{(10)} + 2m_{110}^{(20)}m_{012}^{(21)}m_{220}^{(20)}\\
&-4m_{110}^{(20)}m_{012}^{(21)}m_{211}^{(10)} + 2m_{110}^{(20)}m_{012}^{(21)}m_{121}^{(00)} - 2m_{110}^{(20)}m_{012}^{(22)}m_{220}^{(10)} + 2m_{110}^{(20)}m_{012}^{(22)}m_{130}^{(00)}\\
&-2m_{110}^{(20)}m_{003}^{(00)}m_{130}^{(21)} + 2m_{110}^{(20)}m_{003}^{(00)}m_{121}^{(11)} + 2m_{110}^{(20)}m_{003}^{(10)}m_{220}^{(21)} + 2m_{110}^{(20)}m_{003}^{(10)}m_{130}^{(20)}\\
&-4m_{110}^{(20)}m_{003}^{(10)}m_{121}^{(10)} - 2m_{110}^{(20)}m_{003}^{(11)}m_{220}^{(20)} + 2m_{110}^{(20)}m_{003}^{(11)}m_{121}^{(00)} - 2m_{110}^{(20)}m_{003}^{(20)}m_{220}^{(11)}
\end{aligned}
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\begin{aligned}
&+2m_{110}^{(20)}m_{003}^{(20)}m_{130}^{(10)} + 2m_{110}^{(20)}m_{003}^{(21)}m_{220}^{(10)} - 2m_{110}^{(20)}m_{003}^{(21)}m_{130}^{(00)} + 2m_{110}^{(21)}m_{300}^{(10)}m_{022}^{(22)}\\
&-2m_{110}^{(21)}m_{300}^{(10)}m_{013}^{(21)} - 2m_{110}^{(21)}m_{300}^{(11)}m_{112}^{(22)} + 2m_{110}^{(21)}m_{300}^{(11)}m_{013}^{(20)} - 2m_{110}^{(21)}m_{300}^{(20)}m_{022}^{(21)}\\
&+2m_{110}^{(21)}m_{300}^{(20)}m_{013}^{(11)} + 4m_{110}^{(21)}m_{300}^{(21)}m_{112}^{(21)} - 2m_{110}^{(21)}m_{300}^{(21)}m_{022}^{(20)} - 2m_{110}^{(21)}m_{300}^{(21)}m_{013}^{(10)}\\
&-2m_{110}^{(21)}m_{300}^{(22)}m_{112}^{(11)} + 2m_{110}^{(21)}m_{300}^{(22)}m_{022}^{(10)} - 2m_{110}^{(21)}m_{210}^{(00)}m_{022}^{(22)} + 2m_{110}^{(21)}m_{210}^{(00)}m_{013}^{(21)}\\
&+2m_{110}^{(21)}m_{210}^{(10)}m_{112}^{(22)} - 2m_{110}^{(21)}m_{210}^{(10)}m_{013}^{(20)} - 2m_{110}^{(21)}m_{210}^{(20)}m_{112}^{(21)} + 4m_{110}^{(21)}m_{210}^{(20)}m_{022}^{(20)}\\
&-2m_{110}^{(21)}m_{210}^{(20)}m_{013}^{(10)} - 2m_{110}^{(21)}m_{210}^{(21)}m_{112}^{(20)} + 2m_{110}^{(21)}m_{210}^{(21)}m_{013}^{(00)} + 2m_{110}^{(21)}m_{210}^{(22)}m_{112}^{(10)}\\
&-2m_{110}^{(21)}m_{210}^{(22)}m_{022}^{(00)} + 2m_{110}^{(21)}m_{201}^{(00)}m_{022}^{(21)} - 2m_{110}^{(21)}m_{201}^{(00)}m_{013}^{(11)} - 4m_{110}^{(21)}m_{201}^{(10)}m_{121}^{(22)}\\
&+2m_{110}^{(21)}m_{201}^{(10)}m_{112}^{(21)} - 2m_{110}^{(21)}m_{201}^{(10)}m_{022}^{(20)} + 4m_{110}^{(21)}m_{201}^{(10)}m_{013}^{(10)} + 4m_{110}^{(21)}m_{201}^{(11)}m_{211}^{(22)}\\
&-2m_{110}^{(21)}m_{201}^{(11)}m_{112}^{(20)} - 2m_{110}^{(21)}m_{201}^{(11)}m_{013}^{(00)} + 4m_{110}^{(21)}m_{201}^{(20)}m_{121}^{(21)} - 2m_{110}^{(21)}m_{201}^{(20)}m_{112}^{(11)}\\
&-2m_{110}^{(21)}m_{201}^{(20)}m_{022}^{(10)} - 8m_{110}^{(21)}m_{201}^{(21)}m_{211}^{(21)} + 4m_{110}^{(21)}m_{201}^{(21)}m_{121}^{(20)} + 2m_{110}^{(21)}m_{201}^{(21)}m_{112}^{(10)}\\
&+2m_{110}^{(21)}m_{201}^{(21)}m_{022}^{(00)} + 4m_{110}^{(21)}m_{201}^{(22)}m_{211}^{(11)} - 4m_{110}^{(21)}m_{201}^{(22)}m_{121}^{(10)} + 4m_{110}^{(21)}m_{111}^{(00)}m_{121}^{(22)}\\
&-4m_{110}^{(21)}m_{111}^{(00)}m_{112}^{(21)} - 4m_{110}^{(21)}m_{111}^{(10)}m_{211}^{(22)} + 4m_{110}^{(21)}m_{111}^{(10)}m_{112}^{(20)} + 4m_{110}^{(21)}m_{111}^{(20)}m_{211}^{(21)}\\
&-8m_{110}^{(21)}m_{111}^{(20)}m_{121}^{(20)} + 4m_{110}^{(21)}m_{111}^{(20)}m_{112}^{(10)} + 4m_{110}^{(21)}m_{111}^{(21)}m_{211}^{(20)} - 4m_{110}^{(21)}m_{111}^{(21)}m_{112}^{(00)}\\
&-4m_{110}^{(21)}m_{111}^{(22)}m_{211}^{(10)} + 4m_{110}^{(21)}m_{111}^{(22)}m_{121}^{(00)} - 4m_{110}^{(21)}m_{102}^{(00)}m_{121}^{(21)} + 4m_{110}^{(21)}m_{102}^{(00)}m_{112}^{(11)}\\
&+2m_{110}^{(21)}m_{102}^{(10)}m_{220}^{(22)} + 2m_{110}^{(21)}m_{102}^{(10)}m_{211}^{(21)} + 4m_{110}^{(21)}m_{102}^{(10)}m_{121}^{(20)} - 8m_{110}^{(21)}m_{102}^{(10)}m_{112}^{(10)}\\
&-2m_{110}^{(21)}m_{102}^{(11)}m_{310}^{(22)} - 2m_{110}^{(21)}m_{102}^{(11)}m_{211}^{(20)} + 4m_{110}^{(21)}m_{102}^{(11)}m_{112}^{(00)} - 2m_{110}^{(21)}m_{102}^{(20)}m_{220}^{(21)}\\
&-2m_{110}^{(21)}m_{102}^{(20)}m_{211}^{(11)} + 4m_{110}^{(21)}m_{102}^{(20)}m_{121}^{(10)} + 4m_{110}^{(21)}m_{102}^{(21)}m_{310}^{(21)} - 2m_{110}^{(21)}m_{102}^{(21)}m_{220}^{(20)}\\
&+2m_{110}^{(21)}m_{102}^{(21)}m_{211}^{(10)} - 4m_{110}^{(21)}m_{102}^{(21)}m_{121}^{(00)} - 2m_{110}^{(21)}m_{102}^{(22)}m_{310}^{(11)} + 2m_{110}^{(21)}m_{102}^{(22)}m_{220}^{(10)}\\
&-2m_{110}^{(21)}m_{012}^{(00)}m_{220}^{(22)} + 2m_{110}^{(21)}m_{012}^{(00)}m_{211}^{(21)} + 2m_{110}^{(21)}m_{012}^{(10)}m_{310}^{(22)} - 2m_{110}^{(21)}m_{012}^{(10)}m_{211}^{(20)}\\
&-2m_{110}^{(21)}m_{012}^{(20)}m_{310}^{(21)} + 4m_{110}^{(21)}m_{012}^{(20)}m_{220}^{(20)} - 2m_{110}^{(21)}m_{012}^{(20)}m_{211}^{(10)} - 2m_{110}^{(21)}m_{012}^{(21)}m_{310}^{(20)}\\
&+2m_{110}^{(21)}m_{012}^{(21)}m_{211}^{(00)} + 2m_{110}^{(21)}m_{012}^{(22)}m_{310}^{(10)} - 2m_{110}^{(21)}m_{012}^{(22)}m_{220}^{(00)} + 2m_{110}^{(21)}m_{003}^{(00)}m_{220}^{(21)}\\
&-2m_{110}^{(21)}m_{003}^{(00)}m_{211}^{(11)} - 2m_{110}^{(21)}m_{003}^{(10)}m_{310}^{(21)} - 2m_{110}^{(21)}m_{003}^{(10)}m_{220}^{(20)} + 4m_{110}^{(21)}m_{003}^{(10)}m_{211}^{(10)}\\
&+2m_{110}^{(21)}m_{003}^{(11)}m_{310}^{(20)} - 2m_{110}^{(21)}m_{003}^{(11)}m_{211}^{(00)} + 2m_{110}^{(21)}m_{003}^{(20)}m_{310}^{(11)} - 2m_{110}^{(21)}m_{003}^{(20)}m_{220}^{(10)}\\
&-2m_{110}^{(21)}m_{003}^{(21)}m_{310}^{(10)} + 2m_{110}^{(21)}m_{003}^{(21)}m_{220}^{(00)} - m_{110}^{(22)}m_{300}^{(10)}m_{031}^{(22)} + m_{110}^{(22)}m_{300}^{(10)}m_{022}^{(21)}\\
&+m_{110}^{(22)}m_{300}^{(11)}m_{121}^{(22)} - m_{110}^{(22)}m_{300}^{(11)}m_{022}^{(20)} + m_{110}^{(22)}m_{300}^{(20)}m_{031}^{(21)} - m_{110}^{(22)}m_{300}^{(20)}m_{022}^{(11)}\\
&-2m_{110}^{(22)}m_{300}^{(21)}m_{121}^{(21)} + m_{110}^{(22)}m_{300}^{(21)}m_{031}^{(20)} + m_{110}^{(22)}m_{300}^{(21)}m_{022}^{(10)} + m_{110}^{(22)}m_{300}^{(22)}m_{121}^{(11)}\\
&-m_{110}^{(22)}m_{300}^{(22)}m_{031}^{(10)} + m_{110}^{(22)}m_{210}^{(00)}m_{031}^{(22)} - m_{110}^{(22)}m_{210}^{(00)}m_{022}^{(21)} - m_{110}^{(22)}m_{210}^{(10)}m_{121}^{(22)}\\
&+m_{110}^{(22)}m_{210}^{(10)}m_{022}^{(20)} + m_{110}^{(22)}m_{210}^{(20)}m_{121}^{(21)} - 2m_{110}^{(22)}m_{210}^{(20)}m_{031}^{(20)} + m_{110}^{(22)}m_{210}^{(20)}m_{022}^{(10)}\\
&+m_{110}^{(22)}m_{210}^{(21)}m_{121}^{(20)} - m_{110}^{(22)}m_{210}^{(21)}m_{022}^{(00)} - m_{110}^{(22)}m_{210}^{(22)}m_{121}^{(10)} + m_{110}^{(22)}m_{210}^{(22)}m_{031}^{(00)}\\
&-m_{110}^{(22)}m_{201}^{(00)}m_{031}^{(21)} + m_{110}^{(22)}m_{201}^{(00)}m_{022}^{(11)} + 2m_{110}^{(22)}m_{201}^{(10)}m_{130}^{(22)} - m_{110}^{(22)}m_{201}^{(10)}m_{121}^{(21)}\\
&+m_{110}^{(22)}m_{201}^{(10)}m_{031}^{(20)} - 2m_{110}^{(22)}m_{201}^{(10)}m_{022}^{(10)} - 2m_{110}^{(22)}m_{201}^{(11)}m_{220}^{(22)} + m_{110}^{(22)}m_{201}^{(11)}m_{121}^{(20)}\\
&+m_{110}^{(22)}m_{201}^{(11)}m_{022}^{(00)} - 2m_{110}^{(22)}m_{201}^{(20)}m_{130}^{(21)} + m_{110}^{(22)}m_{201}^{(20)}m_{121}^{(11)} + m_{110}^{(22)}m_{201}^{(20)}m_{031}^{(10)}\\
&+4m_{110}^{(22)}m_{201}^{(21)}m_{220}^{(21)} - 2m_{110}^{(22)}m_{201}^{(21)}m_{130}^{(20)} - m_{110}^{(22)}m_{201}^{(21)}m_{121}^{(10)} - m_{110}^{(22)}m_{201}^{(21)}m_{031}^{(00)}\\
&-2m_{110}^{(22)}m_{201}^{(22)}m_{220}^{(11)} + 2m_{110}^{(22)}m_{201}^{(22)}m_{130}^{(10)} + m_{110}^{(22)}m_{120}^{(10)}m_{211}^{(22)} - m_{110}^{(22)}m_{120}^{(10)}m_{202}^{(21)}\\
&-m_{110}^{(22)}m_{120}^{(11)}m_{301}^{(22)} + m_{110}^{(22)}m_{120}^{(11)}m_{202}^{(20)} - m_{110}^{(22)}m_{120}^{(20)}m_{211}^{(21)} + m_{110}^{(22)}m_{120}^{(20)}m_{202}^{(11)}\\
&+2m_{110}^{(22)}m_{120}^{(21)}m_{301}^{(21)} - m_{110}^{(22)}m_{120}^{(21)}m_{211}^{(20)} - m_{110}^{(22)}m_{120}^{(21)}m_{202}^{(10)} - m_{110}^{(22)}m_{120}^{(22)}m_{301}^{(11)}\\
&+m_{110}^{(22)}m_{120}^{(22)}m_{211}^{(10)} - 2m_{110}^{(22)}m_{111}^{(00)}m_{130}^{(22)} + 2m_{110}^{(22)}m_{111}^{(00)}m_{121}^{(21)} + 2m_{110}^{(22)}m_{111}^{(10)}m_{211}^{(21)}\\
&-2m_{110}^{(22)}m_{111}^{(10)}m_{121}^{(20)} + 2m_{110}^{(22)}m_{111}^{(11)}m_{310}^{(22)} - 2m_{110}^{(22)}m_{111}^{(11)}m_{211}^{(20)} - 2m_{110}^{(22)}m_{111}^{(20)}m_{211}^{(11)}
\end{aligned}
$$

$$+4m_{110}^{(22)}m_{111}^{(20)}m_{130}^{(20)} - 2m_{110}^{(22)}m_{111}^{(20)}m_{121}^{(10)} - 4m_{110}^{(22)}m_{111}^{(21)}m_{310}^{(21)} + 2m_{110}^{(22)}m_{111}^{(21)}m_{211}^{(10)}$$
$$+2m_{110}^{(22)}m_{111}^{(21)}m_{121}^{(00)} + 2m_{110}^{(22)}m_{111}^{(22)}m_{310}^{(11)} - 2m_{110}^{(22)}m_{111}^{(22)}m_{130}^{(00)} + 2m_{110}^{(22)}m_{102}^{(00)}m_{130}^{(21)}$$
$$-2m_{110}^{(22)}m_{102}^{(00)}m_{121}^{(11)} - 2m_{110}^{(22)}m_{102}^{(10)}m_{220}^{(21)} - 2m_{110}^{(22)}m_{102}^{(10)}m_{130}^{(20)} + 4m_{110}^{(22)}m_{102}^{(10)}m_{121}^{(10)}$$
$$+2m_{110}^{(22)}m_{102}^{(11)}m_{220}^{(20)} - 2m_{110}^{(22)}m_{102}^{(11)}m_{121}^{(00)} + 2m_{110}^{(22)}m_{102}^{(20)}m_{220}^{(11)} - 2m_{110}^{(22)}m_{102}^{(20)}m_{130}^{(10)}$$
$$-2m_{110}^{(22)}m_{102}^{(21)}m_{220}^{(10)} + 2m_{110}^{(22)}m_{102}^{(21)}m_{130}^{(00)} - m_{110}^{(22)}m_{030}^{(00)}m_{211}^{(22)} + m_{110}^{(22)}m_{030}^{(00)}m_{202}^{(21)}$$
$$+m_{110}^{(22)}m_{030}^{(10)}m_{301}^{(22)} - m_{110}^{(22)}m_{030}^{(10)}m_{202}^{(20)} - m_{110}^{(22)}m_{030}^{(20)}m_{301}^{(21)} + 2m_{110}^{(22)}m_{030}^{(20)}m_{211}^{(20)}$$
$$-m_{110}^{(22)}m_{030}^{(20)}m_{202}^{(10)} - m_{110}^{(22)}m_{030}^{(21)}m_{301}^{(20)} + m_{110}^{(22)}m_{030}^{(21)}m_{202}^{(00)} + m_{110}^{(22)}m_{030}^{(22)}m_{301}^{(10)}$$
$$-m_{110}^{(22)}m_{030}^{(22)}m_{211}^{(00)} + 2m_{110}^{(22)}m_{021}^{(00)}m_{220}^{(22)} - m_{110}^{(22)}m_{021}^{(00)}m_{211}^{(21)} - m_{110}^{(22)}m_{021}^{(00)}m_{202}^{(11)}$$
$$-2m_{110}^{(22)}m_{021}^{(10)}m_{310}^{(22)} - m_{110}^{(22)}m_{021}^{(10)}m_{301}^{(21)} + m_{110}^{(22)}m_{021}^{(10)}m_{211}^{(20)} + 2m_{110}^{(22)}m_{021}^{(10)}m_{202}^{(10)}$$
$$+m_{110}^{(22)}m_{021}^{(11)}m_{301}^{(20)} - m_{110}^{(22)}m_{021}^{(11)}m_{202}^{(00)} + 2m_{110}^{(22)}m_{021}^{(20)}m_{310}^{(21)} + m_{110}^{(22)}m_{021}^{(20)}m_{301}^{(11)}$$
$$-4m_{110}^{(22)}m_{021}^{(20)}m_{220}^{(20)} + m_{110}^{(22)}m_{021}^{(20)}m_{211}^{(10)} + 2m_{110}^{(22)}m_{021}^{(21)}m_{310}^{(20)} - m_{110}^{(22)}m_{021}^{(21)}m_{301}^{(10)}$$
$$-m_{110}^{(22)}m_{021}^{(21)}m_{211}^{(00)} - 2m_{110}^{(22)}m_{021}^{(22)}m_{310}^{(10)} + 2m_{110}^{(22)}m_{021}^{(22)}m_{220}^{(00)} - 2m_{110}^{(22)}m_{012}^{(00)}m_{220}^{(21)}$$
$$+2m_{110}^{(22)}m_{012}^{(00)}m_{211}^{(11)} + 2m_{110}^{(22)}m_{012}^{(10)}m_{310}^{(21)} + 2m_{110}^{(22)}m_{012}^{(10)}m_{220}^{(20)} - 4m_{110}^{(22)}m_{012}^{(10)}m_{211}^{(10)}$$
$$-2m_{110}^{(22)}m_{012}^{(11)}m_{310}^{(20)} + 2m_{110}^{(22)}m_{012}^{(11)}m_{211}^{(00)} - 2m_{110}^{(22)}m_{012}^{(20)}m_{310}^{(11)} + 2m_{110}^{(22)}m_{012}^{(20)}m_{220}^{(10)}$$
$$+2m_{110}^{(22)}m_{012}^{(21)}m_{310}^{(10)} - 2m_{110}^{(22)}m_{012}^{(21)}m_{220}^{(00)} - m_{101}^{(00)}m_{120}^{(10)}m_{022}^{(22)} + m_{101}^{(00)}m_{120}^{(10)}m_{013}^{(21)}$$
$$+m_{101}^{(00)}m_{120}^{(11)}m_{112}^{(22)} - m_{101}^{(00)}m_{120}^{(11)}m_{013}^{(20)} + m_{101}^{(00)}m_{120}^{(20)}m_{022}^{(21)} - m_{101}^{(00)}m_{120}^{(20)}m_{013}^{(11)}$$
$$-2m_{101}^{(00)}m_{120}^{(21)}m_{112}^{(21)} + m_{101}^{(00)}m_{120}^{(21)}m_{022}^{(20)} + m_{101}^{(00)}m_{120}^{(21)}m_{013}^{(10)} + m_{101}^{(00)}m_{120}^{(22)}m_{112}^{(11)}$$
$$-m_{101}^{(00)}m_{120}^{(22)}m_{022}^{(10)} + 2m_{101}^{(00)}m_{111}^{(10)}m_{031}^{(22)} - 2m_{101}^{(00)}m_{111}^{(10)}m_{022}^{(21)} - 2m_{101}^{(00)}m_{111}^{(11)}m_{121}^{(22)}$$
$$+2m_{101}^{(00)}m_{111}^{(11)}m_{022}^{(20)} - 2m_{101}^{(00)}m_{111}^{(20)}m_{031}^{(21)} + 2m_{101}^{(00)}m_{111}^{(20)}m_{022}^{(11)} + 4m_{101}^{(00)}m_{111}^{(21)}m_{121}^{(21)}$$
$$-2m_{101}^{(00)}m_{111}^{(21)}m_{031}^{(20)} - 2m_{101}^{(00)}m_{111}^{(21)}m_{022}^{(10)} - 2m_{101}^{(00)}m_{111}^{(22)}m_{121}^{(11)} + 2m_{101}^{(00)}m_{111}^{(22)}m_{031}^{(10)}$$
$$-m_{101}^{(00)}m_{102}^{(10)}m_{040}^{(22)} + m_{101}^{(00)}m_{102}^{(10)}m_{031}^{(21)} + m_{101}^{(00)}m_{102}^{(11)}m_{130}^{(22)} - m_{101}^{(00)}m_{102}^{(11)}m_{031}^{(20)}$$
$$+m_{101}^{(00)}m_{102}^{(20)}m_{040}^{(21)} - m_{101}^{(00)}m_{102}^{(20)}m_{031}^{(11)} - 2m_{101}^{(00)}m_{102}^{(21)}m_{130}^{(21)} + m_{101}^{(00)}m_{102}^{(21)}m_{040}^{(20)}$$
$$+m_{101}^{(00)}m_{102}^{(21)}m_{031}^{(10)} + m_{101}^{(00)}m_{102}^{(22)}m_{130}^{(11)} - m_{101}^{(00)}m_{102}^{(22)}m_{040}^{(10)} + m_{101}^{(00)}m_{030}^{(00)}m_{022}^{(22)}$$
$$-m_{101}^{(00)}m_{030}^{(00)}m_{013}^{(21)} - m_{101}^{(00)}m_{030}^{(10)}m_{112}^{(22)} + m_{101}^{(00)}m_{030}^{(10)}m_{013}^{(20)} + m_{101}^{(00)}m_{030}^{(20)}m_{112}^{(21)}$$
$$-2m_{101}^{(00)}m_{030}^{(20)}m_{022}^{(20)} + m_{101}^{(00)}m_{030}^{(20)}m_{013}^{(10)} + m_{101}^{(00)}m_{030}^{(21)}m_{112}^{(20)} - m_{101}^{(00)}m_{030}^{(21)}m_{013}^{(00)}$$
$$-m_{101}^{(00)}m_{030}^{(22)}m_{112}^{(10)} + m_{101}^{(00)}m_{030}^{(22)}m_{022}^{(00)} - 2m_{101}^{(00)}m_{021}^{(00)}m_{031}^{(22)} + m_{101}^{(00)}m_{021}^{(00)}m_{022}^{(21)}$$
$$+m_{101}^{(00)}m_{021}^{(00)}m_{013}^{(11)} + 2m_{101}^{(00)}m_{021}^{(10)}m_{121}^{(22)} + m_{101}^{(00)}m_{021}^{(10)}m_{112}^{(21)} - m_{101}^{(00)}m_{021}^{(10)}m_{022}^{(20)}$$
$$-2m_{101}^{(00)}m_{021}^{(10)}m_{013}^{(10)} - m_{101}^{(00)}m_{021}^{(11)}m_{112}^{(20)} + m_{101}^{(00)}m_{021}^{(11)}m_{013}^{(00)} - 2m_{101}^{(00)}m_{021}^{(20)}m_{121}^{(21)}$$
$$-m_{101}^{(00)}m_{021}^{(20)}m_{112}^{(11)} + 4m_{101}^{(00)}m_{021}^{(20)}m_{031}^{(20)} - m_{101}^{(00)}m_{021}^{(20)}m_{022}^{(10)} - 2m_{101}^{(00)}m_{021}^{(21)}m_{121}^{(20)}$$
$$+m_{101}^{(00)}m_{021}^{(21)}m_{112}^{(10)} + m_{101}^{(00)}m_{021}^{(21)}m_{022}^{(00)} + 2m_{101}^{(00)}m_{021}^{(22)}m_{121}^{(10)} - 2m_{101}^{(00)}m_{021}^{(22)}m_{031}^{(00)}$$
$$+m_{101}^{(00)}m_{012}^{(00)}m_{040}^{(22)} + m_{101}^{(00)}m_{012}^{(00)}m_{031}^{(21)} - 2m_{101}^{(00)}m_{012}^{(00)}m_{022}^{(11)} - m_{101}^{(00)}m_{012}^{(10)}m_{130}^{(22)}$$
$$-2m_{101}^{(00)}m_{012}^{(10)}m_{121}^{(21)} - m_{101}^{(00)}m_{012}^{(10)}m_{031}^{(20)} + 4m_{101}^{(00)}m_{012}^{(10)}m_{022}^{(10)} + 2m_{101}^{(00)}m_{012}^{(11)}m_{121}^{(20)}$$
$$-2m_{101}^{(00)}m_{012}^{(11)}m_{022}^{(00)} + m_{101}^{(00)}m_{012}^{(20)}m_{130}^{(21)} + 2m_{101}^{(00)}m_{012}^{(20)}m_{121}^{(11)} - 2m_{101}^{(00)}m_{012}^{(20)}m_{040}^{(20)}$$
$$-m_{101}^{(00)}m_{012}^{(20)}m_{031}^{(10)} + m_{101}^{(00)}m_{012}^{(21)}m_{130}^{(20)} - 2m_{101}^{(00)}m_{012}^{(21)}m_{121}^{(10)} + m_{101}^{(00)}m_{012}^{(21)}m_{031}^{(00)}$$
$$-m_{101}^{(00)}m_{012}^{(22)}m_{130}^{(10)} + m_{101}^{(00)}m_{012}^{(22)}m_{040}^{(00)} - m_{101}^{(00)}m_{003}^{(00)}m_{040}^{(21)} + m_{101}^{(00)}m_{003}^{(00)}m_{031}^{(11)}$$
$$+m_{101}^{(00)}m_{003}^{(10)}m_{130}^{(21)} + m_{101}^{(00)}m_{003}^{(10)}m_{040}^{(20)} - 2m_{101}^{(00)}m_{003}^{(10)}m_{031}^{(10)} - m_{101}^{(00)}m_{003}^{(11)}m_{130}^{(20)}$$
$$+m_{101}^{(00)}m_{003}^{(11)}m_{031}^{(00)} - m_{101}^{(00)}m_{003}^{(20)}m_{130}^{(11)} + m_{101}^{(00)}m_{003}^{(20)}m_{040}^{(10)} + m_{101}^{(00)}m_{003}^{(21)}m_{130}^{(10)}$$
$$-m_{101}^{(00)}m_{003}^{(21)}m_{040}^{(00)} + 2m_{101}^{(10)}m_{120}^{(10)}m_{112}^{(22)} - 2m_{101}^{(10)}m_{120}^{(10)}m_{103}^{(21)} - 2m_{101}^{(10)}m_{120}^{(11)}m_{202}^{(22)}$$

$$
\begin{aligned}
&+2m_{101}^{(10)}m_{120}^{(11)}m_{103}^{(20)} - 2m_{101}^{(10)}m_{120}^{(20)}m_{112}^{(21)} + 2m_{101}^{(10)}m_{120}^{(20)}m_{103}^{(11)} + 4m_{101}^{(10)}m_{120}^{(21)}m_{202}^{(21)}\\
&-2m_{101}^{(10)}m_{120}^{(21)}m_{112}^{(20)} - 2m_{101}^{(10)}m_{120}^{(21)}m_{103}^{(10)} - 2m_{101}^{(10)}m_{120}^{(22)}m_{202}^{(11)} + 2m_{101}^{(10)}m_{120}^{(22)}m_{112}^{(10)}\\
&-4m_{101}^{(10)}m_{111}^{(10)}m_{121}^{(22)} + 4m_{101}^{(10)}m_{111}^{(10)}m_{112}^{(21)} + 4m_{101}^{(10)}m_{111}^{(11)}m_{211}^{(22)} - 4m_{101}^{(10)}m_{111}^{(11)}m_{112}^{(20)}\\
&+4m_{101}^{(10)}m_{111}^{(20)}m_{121}^{(21)} - 4m_{101}^{(10)}m_{111}^{(20)}m_{112}^{(11)} - 8m_{101}^{(10)}m_{111}^{(21)}m_{211}^{(21)} + 4m_{101}^{(10)}m_{111}^{(21)}m_{121}^{(20)}\\
&+4m_{101}^{(10)}m_{111}^{(21)}m_{112}^{(10)} + 4m_{101}^{(10)}m_{111}^{(22)}m_{211}^{(11)} - 4m_{101}^{(10)}m_{111}^{(22)}m_{121}^{(10)} + 2m_{101}^{(10)}m_{102}^{(10)}m_{130}^{(22)}\\
&-2m_{101}^{(10)}m_{102}^{(10)}m_{121}^{(21)} - 2m_{101}^{(10)}m_{102}^{(11)}m_{220}^{(22)} + 2m_{101}^{(10)}m_{102}^{(11)}m_{121}^{(20)} - 2m_{101}^{(10)}m_{102}^{(20)}m_{130}^{(21)}\\
&+2m_{101}^{(10)}m_{102}^{(20)}m_{121}^{(11)} + 4m_{101}^{(10)}m_{102}^{(21)}m_{220}^{(21)} - 2m_{101}^{(10)}m_{102}^{(21)}m_{130}^{(20)} - 2m_{101}^{(10)}m_{102}^{(21)}m_{121}^{(10)}\\
&-2m_{101}^{(10)}m_{102}^{(22)}m_{220}^{(11)} + 2m_{101}^{(10)}m_{102}^{(22)}m_{130}^{(10)} - 2m_{101}^{(10)}m_{030}^{(00)}m_{112}^{(22)} + 2m_{101}^{(10)}m_{030}^{(00)}m_{103}^{(21)}\\
&+2m_{101}^{(10)}m_{030}^{(10)}m_{202}^{(22)} - 2m_{101}^{(10)}m_{030}^{(10)}m_{103}^{(20)} - 2m_{101}^{(10)}m_{030}^{(20)}m_{202}^{(21)} + 4m_{101}^{(10)}m_{030}^{(20)}m_{112}^{(20)}\\
&-2m_{101}^{(10)}m_{030}^{(20)}m_{103}^{(10)} - 2m_{101}^{(10)}m_{030}^{(21)}m_{202}^{(20)} + 2m_{101}^{(10)}m_{030}^{(21)}m_{103}^{(00)} + 2m_{101}^{(10)}m_{030}^{(22)}m_{202}^{(10)}\\
&-2m_{101}^{(10)}m_{030}^{(22)}m_{112}^{(00)} + 4m_{101}^{(10)}m_{021}^{(00)}m_{121}^{(22)} - 2m_{101}^{(10)}m_{021}^{(00)}m_{112}^{(21)} - 2m_{101}^{(10)}m_{021}^{(00)}m_{103}^{(11)}\\
&-4m_{101}^{(10)}m_{021}^{(10)}m_{211}^{(22)} - 2m_{101}^{(10)}m_{021}^{(10)}m_{202}^{(21)} + 2m_{101}^{(10)}m_{021}^{(10)}m_{112}^{(20)} + 4m_{101}^{(10)}m_{021}^{(10)}m_{103}^{(10)}\\
&+2m_{101}^{(10)}m_{021}^{(11)}m_{202}^{(20)} - 2m_{101}^{(10)}m_{021}^{(11)}m_{103}^{(00)} + 4m_{101}^{(10)}m_{021}^{(20)}m_{211}^{(21)} + 2m_{101}^{(10)}m_{021}^{(20)}m_{202}^{(11)}\\
&-8m_{101}^{(10)}m_{021}^{(20)}m_{121}^{(20)} + 2m_{101}^{(10)}m_{021}^{(20)}m_{112}^{(10)} + 4m_{101}^{(10)}m_{021}^{(21)}m_{211}^{(20)} - 2m_{101}^{(10)}m_{021}^{(21)}m_{202}^{(10)}\\
&-2m_{101}^{(10)}m_{021}^{(21)}m_{112}^{(00)} - 4m_{101}^{(10)}m_{021}^{(22)}m_{211}^{(10)} + 4m_{101}^{(10)}m_{021}^{(22)}m_{121}^{(00)} - 2m_{101}^{(10)}m_{012}^{(00)}m_{130}^{(22)}\\
&-2m_{101}^{(10)}m_{012}^{(00)}m_{121}^{(21)} + 4m_{101}^{(10)}m_{012}^{(00)}m_{112}^{(11)} + 2m_{101}^{(10)}m_{012}^{(10)}m_{220}^{(22)} + 4m_{101}^{(10)}m_{012}^{(10)}m_{211}^{(21)}\\
&+2m_{101}^{(10)}m_{012}^{(10)}m_{121}^{(20)} - 8m_{101}^{(10)}m_{012}^{(10)}m_{112}^{(10)} - 4m_{101}^{(10)}m_{012}^{(11)}m_{211}^{(20)} + 4m_{101}^{(10)}m_{012}^{(11)}m_{112}^{(00)}\\
&-2m_{101}^{(10)}m_{012}^{(20)}m_{220}^{(21)} - 4m_{101}^{(10)}m_{012}^{(20)}m_{211}^{(11)} + 4m_{101}^{(10)}m_{012}^{(20)}m_{130}^{(20)} + 2m_{101}^{(10)}m_{012}^{(20)}m_{121}^{(10)}\\
&-2m_{101}^{(10)}m_{012}^{(21)}m_{220}^{(20)} + 4m_{101}^{(10)}m_{012}^{(21)}m_{211}^{(10)} - 2m_{101}^{(10)}m_{012}^{(21)}m_{121}^{(00)} + 2m_{101}^{(10)}m_{012}^{(22)}m_{220}^{(10)}\\
&-2m_{101}^{(10)}m_{012}^{(22)}m_{130}^{(00)} + 2m_{101}^{(10)}m_{003}^{(00)}m_{130}^{(21)} - 2m_{101}^{(10)}m_{003}^{(00)}m_{121}^{(11)} - 2m_{101}^{(10)}m_{003}^{(10)}m_{220}^{(21)}\\
&-2m_{101}^{(10)}m_{003}^{(10)}m_{130}^{(20)} + 4m_{101}^{(10)}m_{003}^{(10)}m_{121}^{(10)} + 2m_{101}^{(10)}m_{003}^{(11)}m_{220}^{(20)} - 2m_{101}^{(10)}m_{003}^{(11)}m_{121}^{(00)}\\
&+2m_{101}^{(10)}m_{003}^{(20)}m_{220}^{(11)} - 2m_{101}^{(10)}m_{003}^{(20)}m_{130}^{(10)} - 2m_{101}^{(10)}m_{003}^{(21)}m_{220}^{(10)} + 2m_{101}^{(10)}m_{003}^{(21)}m_{130}^{(00)}\\
&+m_{101}^{(11)}m_{300}^{(10)}m_{022}^{(22)} - m_{101}^{(11)}m_{300}^{(10)}m_{013}^{(21)} - m_{101}^{(11)}m_{300}^{(11)}m_{112}^{(22)} + m_{101}^{(11)}m_{300}^{(11)}m_{013}^{(20)}\\
&-m_{101}^{(11)}m_{300}^{(20)}m_{022}^{(21)} + m_{101}^{(11)}m_{300}^{(20)}m_{013}^{(11)} + 2m_{101}^{(11)}m_{300}^{(21)}m_{112}^{(21)} - m_{101}^{(11)}m_{300}^{(21)}m_{022}^{(20)}\\
&-m_{101}^{(11)}m_{300}^{(21)}m_{013}^{(10)} - m_{101}^{(11)}m_{300}^{(22)}m_{112}^{(11)} + m_{101}^{(11)}m_{300}^{(22)}m_{022}^{(10)} - m_{101}^{(11)}m_{210}^{(00)}m_{022}^{(22)}\\
&+m_{101}^{(11)}m_{210}^{(00)}m_{013}^{(21)} - m_{101}^{(11)}m_{210}^{(10)}m_{112}^{(22)} + 2m_{101}^{(11)}m_{210}^{(10)}m_{103}^{(21)} - m_{101}^{(11)}m_{210}^{(10)}m_{013}^{(20)}\\
&+2m_{101}^{(11)}m_{210}^{(11)}m_{202}^{(22)} - 2m_{101}^{(11)}m_{210}^{(11)}m_{103}^{(20)} + m_{101}^{(11)}m_{210}^{(20)}m_{112}^{(21)} - 2m_{101}^{(11)}m_{210}^{(20)}m_{103}^{(11)}\\
&+2m_{101}^{(11)}m_{210}^{(20)}m_{022}^{(20)} - m_{101}^{(11)}m_{210}^{(20)}m_{013}^{(10)} - 4m_{101}^{(11)}m_{210}^{(21)}m_{202}^{(21)} + m_{101}^{(11)}m_{210}^{(21)}m_{112}^{(20)}\\
&+2m_{101}^{(11)}m_{210}^{(21)}m_{103}^{(10)} + m_{101}^{(11)}m_{210}^{(21)}m_{013}^{(00)} + 2m_{101}^{(11)}m_{210}^{(22)}m_{202}^{(11)} - m_{101}^{(11)}m_{210}^{(22)}m_{112}^{(10)}\\
&-m_{101}^{(11)}m_{210}^{(22)}m_{022}^{(00)} + m_{101}^{(11)}m_{201}^{(00)}m_{022}^{(21)} - m_{101}^{(11)}m_{201}^{(00)}m_{013}^{(11)} - m_{101}^{(11)}m_{201}^{(10)}m_{112}^{(21)}\\
&-m_{101}^{(11)}m_{201}^{(10)}m_{022}^{(20)} + 2m_{101}^{(11)}m_{201}^{(10)}m_{013}^{(10)} + m_{101}^{(11)}m_{201}^{(11)}m_{112}^{(20)} - m_{101}^{(11)}m_{201}^{(11)}m_{013}^{(00)}\\
&+m_{101}^{(11)}m_{201}^{(20)}m_{112}^{(11)} - m_{101}^{(11)}m_{201}^{(20)}m_{022}^{(10)} - m_{101}^{(11)}m_{201}^{(21)}m_{112}^{(10)} + m_{101}^{(11)}m_{201}^{(21)}m_{022}^{(00)}\\
&+2m_{101}^{(11)}m_{120}^{(00)}m_{112}^{(22)} - 2m_{101}^{(11)}m_{120}^{(00)}m_{103}^{(21)} - 2m_{101}^{(11)}m_{120}^{(10)}m_{202}^{(22)} + 2m_{101}^{(11)}m_{120}^{(10)}m_{103}^{(20)}\\
&+2m_{101}^{(11)}m_{120}^{(20)}m_{202}^{(21)} - 4m_{101}^{(11)}m_{120}^{(20)}m_{112}^{(20)} + 2m_{101}^{(11)}m_{120}^{(20)}m_{103}^{(10)} + 2m_{101}^{(11)}m_{120}^{(21)}m_{202}^{(20)}\\
&-2m_{101}^{(11)}m_{120}^{(21)}m_{103}^{(00)} - 2m_{101}^{(11)}m_{120}^{(22)}m_{202}^{(10)} + 2m_{101}^{(11)}m_{120}^{(22)}m_{112}^{(00)} - 2m_{101}^{(11)}m_{111}^{(00)}m_{112}^{(21)}\\
&+2m_{101}^{(11)}m_{111}^{(00)}m_{103}^{(11)} + 2m_{101}^{(11)}m_{111}^{(10)}m_{211}^{(22)} + 2m_{101}^{(11)}m_{111}^{(10)}m_{112}^{(20)} - 4m_{101}^{(11)}m_{111}^{(10)}m_{103}^{(10)}\\
&-2m_{101}^{(11)}m_{111}^{(11)}m_{301}^{(22)} + 2m_{101}^{(11)}m_{111}^{(11)}m_{103}^{(00)} - 2m_{101}^{(11)}m_{111}^{(20)}m_{211}^{(21)} + 2m_{101}^{(11)}m_{111}^{(20)}m_{112}^{(10)}\\
&+4m_{101}^{(11)}m_{111}^{(21)}m_{301}^{(21)} - 2m_{101}^{(11)}m_{111}^{(21)}m_{211}^{(20)} - 2m_{101}^{(11)}m_{111}^{(21)}m_{112}^{(00)} - 2m_{101}^{(11)}m_{111}^{(22)}m_{301}^{(11)}
\end{aligned}
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\begin{aligned}
&+2m_{101}^{(11)}m_{111}^{(22)}m_{211}^{(10)} - m_{101}^{(11)}m_{102}^{(10)}m_{220}^{(22)} + m_{101}^{(11)}m_{102}^{(10)}m_{211}^{(21)} + m_{101}^{(11)}m_{102}^{(11)}m_{310}^{(22)}\\
&-m_{101}^{(11)}m_{102}^{(11)}m_{211}^{(20)} + m_{101}^{(11)}m_{102}^{(20)}m_{220}^{(21)} - m_{101}^{(11)}m_{102}^{(20)}m_{211}^{(11)} - 2m_{101}^{(11)}m_{102}^{(21)}m_{310}^{(21)}\\
&+m_{101}^{(11)}m_{102}^{(21)}m_{220}^{(20)} + m_{101}^{(11)}m_{102}^{(21)}m_{211}^{(10)} + m_{101}^{(11)}m_{102}^{(22)}m_{310}^{(11)} - m_{101}^{(11)}m_{102}^{(22)}m_{220}^{(10)}\\
&-2m_{101}^{(11)}m_{021}^{(00)}m_{211}^{(22)} + 2m_{101}^{(11)}m_{021}^{(00)}m_{202}^{(21)} + 2m_{101}^{(11)}m_{021}^{(10)}m_{301}^{(22)} - 2m_{101}^{(11)}m_{021}^{(10)}m_{202}^{(20)}\\
&-2m_{101}^{(11)}m_{021}^{(20)}m_{301}^{(21)} + 4m_{101}^{(11)}m_{021}^{(20)}m_{211}^{(20)} - 2m_{101}^{(11)}m_{021}^{(20)}m_{202}^{(10)} - 2m_{101}^{(11)}m_{021}^{(21)}m_{301}^{(20)}\\
&+2m_{101}^{(11)}m_{021}^{(21)}m_{202}^{(00)} + 2m_{101}^{(11)}m_{021}^{(22)}m_{301}^{(10)} - 2m_{101}^{(11)}m_{021}^{(22)}m_{211}^{(00)} + m_{101}^{(11)}m_{012}^{(00)}m_{220}^{(22)}\\
&+m_{101}^{(11)}m_{012}^{(00)}m_{211}^{(21)} - 2m_{101}^{(11)}m_{012}^{(00)}m_{202}^{(11)} - m_{101}^{(11)}m_{012}^{(10)}m_{310}^{(22)} - 2m_{101}^{(11)}m_{012}^{(10)}m_{301}^{(21)}\\
&-m_{101}^{(11)}m_{012}^{(10)}m_{211}^{(20)} + 4m_{101}^{(11)}m_{012}^{(10)}m_{202}^{(10)} + 2m_{101}^{(11)}m_{012}^{(11)}m_{301}^{(20)} - 2m_{101}^{(11)}m_{012}^{(11)}m_{202}^{(00)}\\
&+m_{101}^{(11)}m_{012}^{(20)}m_{310}^{(21)} + 2m_{101}^{(11)}m_{012}^{(20)}m_{301}^{(11)} - 2m_{101}^{(11)}m_{012}^{(20)}m_{220}^{(20)} - m_{101}^{(11)}m_{012}^{(20)}m_{211}^{(10)}\\
&+m_{101}^{(11)}m_{012}^{(21)}m_{310}^{(20)} - 2m_{101}^{(11)}m_{012}^{(21)}m_{301}^{(10)} + m_{101}^{(11)}m_{012}^{(21)}m_{211}^{(00)} - m_{101}^{(11)}m_{012}^{(22)}m_{310}^{(10)}\\
&+m_{101}^{(11)}m_{012}^{(22)}m_{220}^{(00)} - m_{101}^{(11)}m_{003}^{(00)}m_{220}^{(21)} + m_{101}^{(11)}m_{003}^{(00)}m_{211}^{(11)} + m_{101}^{(11)}m_{003}^{(10)}m_{310}^{(21)}\\
&+m_{101}^{(11)}m_{003}^{(10)}m_{220}^{(20)} - 2m_{101}^{(11)}m_{003}^{(10)}m_{211}^{(10)} - m_{101}^{(11)}m_{003}^{(11)}m_{310}^{(20)} + m_{101}^{(11)}m_{003}^{(11)}m_{211}^{(00)}\\
&-m_{101}^{(11)}m_{003}^{(20)}m_{310}^{(11)} + m_{101}^{(11)}m_{003}^{(20)}m_{220}^{(10)} + m_{101}^{(11)}m_{003}^{(21)}m_{310}^{(10)} - m_{101}^{(11)}m_{003}^{(21)}m_{220}^{(00)}\\
&-2m_{101}^{(21)}m_{300}^{(10)}m_{031}^{(22)} + 2m_{101}^{(21)}m_{300}^{(10)}m_{022}^{(21)} + 2m_{101}^{(21)}m_{300}^{(11)}m_{121}^{(22)} - 2m_{101}^{(21)}m_{300}^{(11)}m_{022}^{(20)}\\
&+2m_{101}^{(21)}m_{300}^{(20)}m_{031}^{(21)} - 2m_{101}^{(21)}m_{300}^{(20)}m_{022}^{(11)} - 4m_{101}^{(21)}m_{300}^{(21)}m_{121}^{(21)} + 2m_{101}^{(21)}m_{300}^{(21)}m_{031}^{(20)}\\
&+2m_{101}^{(21)}m_{300}^{(21)}m_{022}^{(10)} + 2m_{101}^{(21)}m_{300}^{(22)}m_{121}^{(11)} - 2m_{101}^{(21)}m_{300}^{(22)}m_{031}^{(10)} + 2m_{101}^{(21)}m_{210}^{(00)}m_{031}^{(22)}\\
&-2m_{101}^{(21)}m_{210}^{(00)}m_{022}^{(21)} + 2m_{101}^{(21)}m_{210}^{(10)}m_{121}^{(22)} - 4m_{101}^{(21)}m_{210}^{(10)}m_{112}^{(21)} + 2m_{101}^{(21)}m_{210}^{(10)}m_{022}^{(20)}\\
&-4m_{101}^{(21)}m_{210}^{(11)}m_{211}^{(22)} + 4m_{101}^{(21)}m_{210}^{(11)}m_{112}^{(20)} - 2m_{101}^{(21)}m_{210}^{(20)}m_{121}^{(21)} + 4m_{101}^{(21)}m_{210}^{(20)}m_{112}^{(11)}\\
&-4m_{101}^{(21)}m_{210}^{(20)}m_{031}^{(20)} + 2m_{101}^{(21)}m_{210}^{(20)}m_{022}^{(10)} + 8m_{101}^{(21)}m_{210}^{(21)}m_{211}^{(21)} - 2m_{101}^{(21)}m_{210}^{(21)}m_{121}^{(20)}\\
&-4m_{101}^{(21)}m_{210}^{(21)}m_{112}^{(10)} - 2m_{101}^{(21)}m_{210}^{(21)}m_{022}^{(00)} - 4m_{101}^{(21)}m_{210}^{(22)}m_{211}^{(11)} + 2m_{101}^{(21)}m_{210}^{(22)}m_{121}^{(10)}\\
&+2m_{101}^{(21)}m_{210}^{(22)}m_{031}^{(00)} - 2m_{101}^{(21)}m_{201}^{(00)}m_{031}^{(21)} + 2m_{101}^{(21)}m_{201}^{(00)}m_{022}^{(11)} + 2m_{101}^{(21)}m_{201}^{(10)}m_{121}^{(21)}\\
&+2m_{101}^{(21)}m_{201}^{(10)}m_{031}^{(20)} - 4m_{101}^{(21)}m_{201}^{(10)}m_{022}^{(10)} - 2m_{101}^{(21)}m_{201}^{(11)}m_{121}^{(20)} + 2m_{101}^{(21)}m_{201}^{(11)}m_{022}^{(00)}\\
&-2m_{101}^{(21)}m_{201}^{(20)}m_{121}^{(11)} + 2m_{101}^{(21)}m_{201}^{(20)}m_{031}^{(10)} + 2m_{101}^{(21)}m_{201}^{(21)}m_{121}^{(10)} - 2m_{101}^{(21)}m_{201}^{(21)}m_{031}^{(00)}\\
&-4m_{101}^{(21)}m_{120}^{(00)}m_{121}^{(22)} + 4m_{101}^{(21)}m_{120}^{(00)}m_{112}^{(21)} + 2m_{101}^{(21)}m_{120}^{(10)}m_{211}^{(22)} + 2m_{101}^{(21)}m_{120}^{(10)}m_{202}^{(21)}\\
&-4m_{101}^{(21)}m_{120}^{(10)}m_{112}^{(20)} + 2m_{101}^{(21)}m_{120}^{(11)}m_{301}^{(22)} - 2m_{101}^{(21)}m_{120}^{(11)}m_{202}^{(20)} - 2m_{101}^{(21)}m_{120}^{(20)}m_{211}^{(21)}\\
&-2m_{101}^{(21)}m_{120}^{(20)}m_{202}^{(11)} + 8m_{101}^{(21)}m_{120}^{(20)}m_{121}^{(20)} - 4m_{101}^{(21)}m_{120}^{(20)}m_{112}^{(10)} - 4m_{101}^{(21)}m_{120}^{(21)}m_{301}^{(21)}\\
&-2m_{101}^{(21)}m_{120}^{(21)}m_{211}^{(20)} + 2m_{101}^{(21)}m_{120}^{(21)}m_{202}^{(10)} + 4m_{101}^{(21)}m_{120}^{(21)}m_{112}^{(00)} + 2m_{101}^{(21)}m_{120}^{(22)}m_{301}^{(11)}\\
&+2m_{101}^{(21)}m_{120}^{(22)}m_{211}^{(10)} - 4m_{101}^{(21)}m_{120}^{(22)}m_{121}^{(00)} + 4m_{101}^{(21)}m_{111}^{(00)}m_{121}^{(21)} - 4m_{101}^{(21)}m_{111}^{(00)}m_{112}^{(11)}\\
&-4m_{101}^{(21)}m_{111}^{(10)}m_{211}^{(21)} - 4m_{101}^{(21)}m_{111}^{(10)}m_{121}^{(20)} + 8m_{101}^{(21)}m_{111}^{(10)}m_{112}^{(10)} + 4m_{101}^{(21)}m_{111}^{(11)}m_{211}^{(20)}\\
&-4m_{101}^{(21)}m_{111}^{(11)}m_{112}^{(00)} + 4m_{101}^{(21)}m_{111}^{(20)}m_{211}^{(11)} - 4m_{101}^{(21)}m_{111}^{(20)}m_{121}^{(10)} - 4m_{101}^{(21)}m_{111}^{(21)}m_{211}^{(10)}\\
&+4m_{101}^{(21)}m_{111}^{(21)}m_{121}^{(00)} + 2m_{101}^{(21)}m_{030}^{(00)}m_{211}^{(22)} - 2m_{101}^{(21)}m_{030}^{(00)}m_{202}^{(21)} - 2m_{101}^{(21)}m_{030}^{(10)}m_{301}^{(22)}\\
&+2m_{101}^{(21)}m_{030}^{(10)}m_{202}^{(20)} + 2m_{101}^{(21)}m_{030}^{(20)}m_{301}^{(21)} - 4m_{101}^{(21)}m_{030}^{(20)}m_{211}^{(20)} + 2m_{101}^{(21)}m_{030}^{(20)}m_{202}^{(10)}\\
&+2m_{101}^{(21)}m_{030}^{(21)}m_{301}^{(20)} - 2m_{101}^{(21)}m_{030}^{(21)}m_{202}^{(00)} - 2m_{101}^{(21)}m_{030}^{(22)}m_{301}^{(10)} + 2m_{101}^{(21)}m_{030}^{(22)}m_{211}^{(00)}\\
&-2m_{101}^{(21)}m_{021}^{(00)}m_{211}^{(21)} + 2m_{101}^{(21)}m_{021}^{(00)}m_{202}^{(11)} + 2m_{101}^{(21)}m_{021}^{(10)}m_{301}^{(21)} + 2m_{101}^{(21)}m_{021}^{(10)}m_{211}^{(20)}\\
&-4m_{101}^{(21)}m_{021}^{(10)}m_{202}^{(10)} - 2m_{101}^{(21)}m_{021}^{(11)}m_{301}^{(20)} + 2m_{101}^{(21)}m_{021}^{(11)}m_{202}^{(00)} - 2m_{101}^{(21)}m_{021}^{(20)}m_{301}^{(11)}\\
&+2m_{101}^{(21)}m_{021}^{(20)}m_{211}^{(10)} + 2m_{101}^{(21)}m_{021}^{(21)}m_{301}^{(10)} - 2m_{101}^{(21)}m_{021}^{(21)}m_{211}^{(00)} + m_{101}^{(22)}m_{300}^{(10)}m_{040}^{(22)}\\
&-m_{101}^{(22)}m_{300}^{(10)}m_{031}^{(21)} - m_{101}^{(22)}m_{300}^{(11)}m_{130}^{(22)} + m_{101}^{(22)}m_{300}^{(11)}m_{031}^{(20)} - m_{101}^{(22)}m_{300}^{(20)}m_{040}^{(21)}\\
&+m_{101}^{(22)}m_{300}^{(20)}m_{031}^{(11)} + 2m_{101}^{(22)}m_{300}^{(21)}m_{130}^{(21)} - m_{101}^{(22)}m_{300}^{(21)}m_{040}^{(20)} - m_{101}^{(22)}m_{300}^{(21)}m_{031}^{(10)}
\end{aligned}
$$

$$
\begin{aligned}
&-m_{101}^{(22)}m_{300}^{(22)}m_{130}^{(11)}+m_{101}^{(22)}m_{300}^{(22)}m_{040}^{(10)}-m_{101}^{(22)}m_{210}^{(00)}m_{040}^{(22)}+m_{101}^{(22)}m_{210}^{(00)}m_{031}^{(21)}\\
&-m_{101}^{(22)}m_{210}^{(10)}m_{130}^{(22)}+2m_{101}^{(22)}m_{210}^{(10)}m_{121}^{(21)}-m_{101}^{(22)}m_{210}^{(10)}m_{031}^{(20)}+2m_{101}^{(22)}m_{210}^{(11)}m_{220}^{(22)}\\
&-2m_{101}^{(22)}m_{210}^{(11)}m_{121}^{(20)}+m_{101}^{(22)}m_{210}^{(20)}m_{130}^{(21)}-2m_{101}^{(22)}m_{210}^{(20)}m_{121}^{(11)}+2m_{101}^{(22)}m_{210}^{(20)}m_{040}^{(20)}\\
&-m_{101}^{(22)}m_{210}^{(20)}m_{031}^{(10)}-4m_{101}^{(22)}m_{210}^{(21)}m_{220}^{(21)}+m_{101}^{(22)}m_{210}^{(21)}m_{130}^{(20)}+2m_{101}^{(22)}m_{210}^{(21)}m_{121}^{(10)}\\
&+m_{101}^{(22)}m_{210}^{(21)}m_{031}^{(00)}+2m_{101}^{(22)}m_{210}^{(22)}m_{220}^{(11)}-m_{101}^{(22)}m_{210}^{(22)}m_{130}^{(10)}-m_{101}^{(22)}m_{210}^{(22)}m_{040}^{(00)}\\
&+m_{101}^{(22)}m_{201}^{(00)}m_{040}^{(21)}-m_{101}^{(22)}m_{201}^{(00)}m_{031}^{(11)}-m_{101}^{(22)}m_{201}^{(10)}m_{130}^{(21)}-m_{101}^{(22)}m_{201}^{(10)}m_{040}^{(20)}\\
&+2m_{101}^{(22)}m_{201}^{(10)}m_{031}^{(10)}+m_{101}^{(22)}m_{201}^{(11)}m_{130}^{(20)}-m_{101}^{(22)}m_{201}^{(11)}m_{031}^{(00)}+m_{101}^{(22)}m_{201}^{(20)}m_{130}^{(11)}\\
&-m_{101}^{(22)}m_{201}^{(20)}m_{040}^{(10)}-m_{101}^{(22)}m_{201}^{(21)}m_{130}^{(10)}+m_{101}^{(22)}m_{201}^{(21)}m_{040}^{(00)}+2m_{101}^{(22)}m_{120}^{(00)}m_{130}^{(22)}\\
&-2m_{101}^{(22)}m_{120}^{(00)}m_{121}^{(21)}-m_{101}^{(22)}m_{120}^{(10)}m_{220}^{(22)}-m_{101}^{(22)}m_{120}^{(10)}m_{211}^{(21)}+2m_{101}^{(22)}m_{120}^{(10)}m_{121}^{(20)}\\
&-m_{101}^{(22)}m_{120}^{(11)}m_{310}^{(22)}+m_{101}^{(22)}m_{120}^{(11)}m_{211}^{(20)}+m_{101}^{(22)}m_{120}^{(20)}m_{220}^{(21)}+m_{101}^{(22)}m_{120}^{(20)}m_{211}^{(11)}\\
&-4m_{101}^{(22)}m_{120}^{(20)}m_{130}^{(20)}+2m_{101}^{(22)}m_{120}^{(20)}m_{121}^{(10)}+2m_{101}^{(22)}m_{120}^{(21)}m_{310}^{(21)}+m_{101}^{(22)}m_{120}^{(21)}m_{220}^{(20)}\\
&-m_{101}^{(22)}m_{120}^{(21)}m_{211}^{(10)}-2m_{101}^{(22)}m_{120}^{(21)}m_{121}^{(00)}-m_{101}^{(22)}m_{120}^{(22)}m_{310}^{(11)}-m_{101}^{(22)}m_{120}^{(22)}m_{220}^{(10)}\\
&+2m_{101}^{(22)}m_{120}^{(22)}m_{130}^{(00)}-2m_{101}^{(22)}m_{111}^{(00)}m_{130}^{(21)}+2m_{101}^{(22)}m_{111}^{(00)}m_{121}^{(11)}+2m_{101}^{(22)}m_{111}^{(10)}m_{220}^{(21)}\\
&+2m_{101}^{(22)}m_{111}^{(10)}m_{130}^{(20)}-4m_{101}^{(22)}m_{111}^{(10)}m_{121}^{(10)}-2m_{101}^{(22)}m_{111}^{(11)}m_{220}^{(20)}+2m_{101}^{(22)}m_{111}^{(11)}m_{121}^{(00)}\\
&-2m_{101}^{(22)}m_{111}^{(20)}m_{220}^{(11)}+2m_{101}^{(22)}m_{111}^{(20)}m_{130}^{(10)}+2m_{101}^{(22)}m_{111}^{(21)}m_{220}^{(10)}-2m_{101}^{(22)}m_{111}^{(21)}m_{130}^{(00)}\\
&-m_{101}^{(22)}m_{030}^{(00)}m_{220}^{(22)}+m_{101}^{(22)}m_{030}^{(00)}m_{211}^{(21)}+m_{101}^{(22)}m_{030}^{(10)}m_{310}^{(22)}-m_{101}^{(22)}m_{030}^{(10)}m_{211}^{(20)}\\
&-m_{101}^{(22)}m_{030}^{(20)}m_{310}^{(21)}+2m_{101}^{(22)}m_{030}^{(20)}m_{220}^{(20)}-m_{101}^{(22)}m_{030}^{(20)}m_{211}^{(10)}-m_{101}^{(22)}m_{030}^{(21)}m_{310}^{(20)}\\
&+m_{101}^{(22)}m_{030}^{(21)}m_{211}^{(00)}+m_{101}^{(22)}m_{030}^{(22)}m_{310}^{(10)}-m_{101}^{(22)}m_{030}^{(22)}m_{220}^{(00)}+m_{101}^{(22)}m_{021}^{(00)}m_{220}^{(21)}\\
&-m_{101}^{(22)}m_{021}^{(00)}m_{211}^{(11)}-m_{101}^{(22)}m_{021}^{(10)}m_{310}^{(21)}-m_{101}^{(22)}m_{021}^{(10)}m_{220}^{(20)}+2m_{101}^{(22)}m_{021}^{(10)}m_{211}^{(10)}\\
&+m_{101}^{(22)}m_{021}^{(11)}m_{310}^{(20)}-m_{101}^{(22)}m_{021}^{(11)}m_{211}^{(00)}+m_{101}^{(22)}m_{021}^{(20)}m_{310}^{(11)}-m_{101}^{(22)}m_{021}^{(20)}m_{220}^{(10)}\\
&-m_{101}^{(22)}m_{021}^{(21)}m_{310}^{(10)}+m_{101}^{(22)}m_{021}^{(21)}m_{220}^{(00)}-m_{020}^{(00)}m_{210}^{(10)}m_{013}^{(22)}+m_{020}^{(00)}m_{210}^{(10)}m_{004}^{(21)}\\
&+m_{020}^{(00)}m_{210}^{(11)}m_{103}^{(22)}-m_{020}^{(00)}m_{210}^{(11)}m_{004}^{(20)}+m_{020}^{(00)}m_{210}^{(20)}m_{013}^{(21)}-m_{020}^{(00)}m_{210}^{(20)}m_{004}^{(11)}\\
&-2m_{020}^{(00)}m_{210}^{(21)}m_{103}^{(21)}+m_{020}^{(00)}m_{210}^{(21)}m_{013}^{(20)}+m_{020}^{(00)}m_{210}^{(21)}m_{004}^{(10)}+m_{020}^{(00)}m_{210}^{(22)}m_{103}^{(11)}\\
&-m_{020}^{(00)}m_{210}^{(22)}m_{013}^{(10)}+m_{020}^{(00)}m_{201}^{(10)}m_{022}^{(22)}-m_{020}^{(00)}m_{201}^{(10)}m_{013}^{(21)}-m_{020}^{(00)}m_{201}^{(11)}m_{112}^{(22)}\\
&+m_{020}^{(00)}m_{201}^{(11)}m_{013}^{(20)}-m_{020}^{(00)}m_{201}^{(20)}m_{022}^{(21)}+m_{020}^{(00)}m_{201}^{(20)}m_{013}^{(11)}+2m_{020}^{(00)}m_{201}^{(21)}m_{112}^{(21)}\\
&-m_{020}^{(00)}m_{201}^{(21)}m_{022}^{(20)}-m_{020}^{(00)}m_{201}^{(21)}m_{013}^{(10)}-m_{020}^{(00)}m_{201}^{(22)}m_{112}^{(11)}+m_{020}^{(00)}m_{201}^{(22)}m_{022}^{(10)}\\
&+m_{020}^{(00)}m_{120}^{(00)}m_{013}^{(22)}-m_{020}^{(00)}m_{120}^{(00)}m_{004}^{(21)}-m_{020}^{(00)}m_{120}^{(10)}m_{103}^{(22)}+m_{020}^{(00)}m_{120}^{(10)}m_{004}^{(20)}\\
&+m_{020}^{(00)}m_{120}^{(20)}m_{103}^{(21)}-2m_{020}^{(00)}m_{120}^{(20)}m_{013}^{(20)}+m_{020}^{(00)}m_{120}^{(20)}m_{004}^{(10)}+m_{020}^{(00)}m_{120}^{(21)}m_{103}^{(20)}\\
&-m_{020}^{(00)}m_{120}^{(21)}m_{004}^{(00)}-m_{020}^{(00)}m_{120}^{(22)}m_{103}^{(10)}+m_{020}^{(00)}m_{120}^{(22)}m_{013}^{(00)}-m_{020}^{(00)}m_{111}^{(00)}m_{022}^{(22)}\\
&+m_{020}^{(00)}m_{111}^{(00)}m_{004}^{(11)}+2m_{020}^{(00)}m_{111}^{(10)}m_{112}^{(22)}-2m_{020}^{(00)}m_{111}^{(10)}m_{004}^{(10)}-m_{020}^{(00)}m_{111}^{(11)}m_{202}^{(22)}\\
&+m_{020}^{(00)}m_{111}^{(11)}m_{004}^{(00)}-2m_{020}^{(00)}m_{111}^{(20)}m_{112}^{(21)}+2m_{020}^{(00)}m_{111}^{(20)}m_{022}^{(20)}+2m_{020}^{(00)}m_{111}^{(21)}m_{202}^{(21)}\\
&-2m_{020}^{(00)}m_{111}^{(21)}m_{112}^{(20)}-m_{020}^{(00)}m_{111}^{(22)}m_{202}^{(11)}+2m_{020}^{(00)}m_{111}^{(22)}m_{112}^{(10)}-m_{020}^{(00)}m_{111}^{(22)}m_{022}^{(00)}\\
&+m_{020}^{(00)}m_{102}^{(00)}m_{022}^{(21)}-m_{020}^{(00)}m_{102}^{(00)}m_{013}^{(11)}-m_{020}^{(00)}m_{102}^{(10)}m_{121}^{(22)}-m_{020}^{(00)}m_{102}^{(10)}m_{022}^{(20)}\\
&+2m_{020}^{(00)}m_{102}^{(10)}m_{013}^{(10)}+m_{020}^{(00)}m_{102}^{(11)}m_{211}^{(22)}-m_{020}^{(00)}m_{102}^{(11)}m_{013}^{(00)}+m_{020}^{(00)}m_{102}^{(20)}m_{121}^{(21)}\\
&-m_{020}^{(00)}m_{102}^{(20)}m_{022}^{(10)}-2m_{020}^{(00)}m_{102}^{(21)}m_{211}^{(21)}+m_{020}^{(00)}m_{102}^{(21)}m_{121}^{(20)}+m_{020}^{(00)}m_{102}^{(21)}m_{022}^{(00)}\\
&+m_{020}^{(00)}m_{102}^{(22)}m_{211}^{(11)}-m_{020}^{(00)}m_{102}^{(22)}m_{121}^{(10)}-m_{020}^{(00)}m_{021}^{(00)}m_{112}^{(22)}+m_{020}^{(00)}m_{021}^{(00)}m_{103}^{(21)}\\
&+m_{020}^{(00)}m_{021}^{(10)}m_{202}^{(22)}-m_{020}^{(00)}m_{021}^{(10)}m_{103}^{(20)}-m_{020}^{(00)}m_{021}^{(20)}m_{202}^{(21)}+2m_{020}^{(00)}m_{021}^{(20)}m_{112}^{(20)}\\
&-m_{020}^{(00)}m_{021}^{(20)}m_{103}^{(10)}-m_{020}^{(00)}m_{021}^{(21)}m_{202}^{(20)}+m_{020}^{(00)}m_{021}^{(21)}m_{103}^{(00)}+m_{020}^{(00)}m_{021}^{(22)}m_{202}^{(10)}
\end{aligned}
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\begin{aligned}
&-m_{020}^{(00)}m_{021}^{(22)}m_{112}^{(00)}+m_{020}^{(00)}m_{012}^{(00)}m_{121}^{(22)}-m_{020}^{(00)}m_{012}^{(00)}m_{103}^{(11)}-m_{020}^{(00)}m_{012}^{(10)}m_{211}^{(22)}\\
&-m_{020}^{(00)}m_{012}^{(10)}m_{202}^{(21)}+2m_{020}^{(00)}m_{012}^{(10)}m_{103}^{(10)}+m_{020}^{(00)}m_{012}^{(11)}m_{202}^{(20)}-m_{020}^{(00)}m_{012}^{(11)}m_{103}^{(00)}\\
&+m_{020}^{(00)}m_{012}^{(20)}m_{211}^{(21)}+m_{020}^{(00)}m_{012}^{(20)}m_{202}^{(11)}-2m_{020}^{(00)}m_{012}^{(20)}m_{121}^{(20)}+m_{020}^{(00)}m_{012}^{(21)}m_{211}^{(20)}\\
&-m_{020}^{(00)}m_{012}^{(21)}m_{202}^{(10)}-m_{020}^{(00)}m_{012}^{(22)}m_{211}^{(10)}+m_{020}^{(00)}m_{012}^{(22)}m_{121}^{(00)}-m_{020}^{(00)}m_{003}^{(00)}m_{121}^{(21)}\\
&+m_{020}^{(00)}m_{003}^{(00)}m_{112}^{(11)}+m_{020}^{(00)}m_{003}^{(10)}m_{211}^{(21)}+m_{020}^{(00)}m_{003}^{(10)}m_{121}^{(20)}-2m_{020}^{(00)}m_{003}^{(10)}m_{112}^{(10)}\\
&-m_{020}^{(00)}m_{003}^{(11)}m_{211}^{(20)}+m_{020}^{(00)}m_{003}^{(11)}m_{112}^{(00)}-m_{020}^{(00)}m_{003}^{(20)}m_{211}^{(11)}+m_{020}^{(00)}m_{003}^{(20)}m_{121}^{(10)}\\
&+m_{020}^{(00)}m_{003}^{(21)}m_{211}^{(10)}-m_{020}^{(00)}m_{003}^{(21)}m_{121}^{(00)}+m_{020}^{(10)}m_{300}^{(10)}m_{013}^{(22)}-m_{020}^{(10)}m_{300}^{(10)}m_{004}^{(21)}\\
&-m_{020}^{(10)}m_{300}^{(11)}m_{103}^{(22)}+m_{020}^{(10)}m_{300}^{(11)}m_{004}^{(20)}-m_{020}^{(10)}m_{300}^{(20)}m_{013}^{(21)}+m_{020}^{(10)}m_{300}^{(20)}m_{004}^{(11)}\\
&+2m_{020}^{(10)}m_{300}^{(21)}m_{103}^{(21)}-m_{020}^{(10)}m_{300}^{(21)}m_{013}^{(20)}-m_{020}^{(10)}m_{300}^{(21)}m_{004}^{(10)}-m_{020}^{(10)}m_{300}^{(22)}m_{103}^{(11)}\\
&+m_{020}^{(10)}m_{300}^{(22)}m_{013}^{(10)}-m_{020}^{(10)}m_{210}^{(00)}m_{013}^{(22)}+m_{020}^{(10)}m_{210}^{(00)}m_{004}^{(21)}+m_{020}^{(10)}m_{210}^{(10)}m_{103}^{(22)}\\
&-m_{020}^{(10)}m_{210}^{(10)}m_{004}^{(20)}-m_{020}^{(10)}m_{210}^{(20)}m_{103}^{(21)}+2m_{020}^{(10)}m_{210}^{(20)}m_{013}^{(20)}-m_{020}^{(10)}m_{210}^{(20)}m_{004}^{(10)}\\
&-m_{020}^{(10)}m_{210}^{(21)}m_{103}^{(20)}+m_{020}^{(10)}m_{210}^{(21)}m_{004}^{(00)}+m_{020}^{(10)}m_{210}^{(22)}m_{103}^{(10)}-m_{020}^{(10)}m_{210}^{(22)}m_{013}^{(00)}\\
&+m_{020}^{(10)}m_{201}^{(00)}m_{013}^{(21)}-m_{020}^{(10)}m_{201}^{(00)}m_{004}^{(11)}-2m_{020}^{(10)}m_{201}^{(10)}m_{112}^{(22)}+m_{020}^{(10)}m_{201}^{(10)}m_{103}^{(21)}\\
&-m_{020}^{(10)}m_{201}^{(10)}m_{013}^{(20)}+2m_{020}^{(10)}m_{201}^{(10)}m_{004}^{(10)}+2m_{020}^{(10)}m_{201}^{(11)}m_{202}^{(22)}-m_{020}^{(10)}m_{201}^{(11)}m_{103}^{(20)}\\
&-m_{020}^{(10)}m_{201}^{(11)}m_{004}^{(00)}+2m_{020}^{(10)}m_{201}^{(20)}m_{112}^{(21)}-m_{020}^{(10)}m_{201}^{(20)}m_{103}^{(11)}-m_{020}^{(10)}m_{201}^{(20)}m_{013}^{(10)}\\
&-4m_{020}^{(10)}m_{201}^{(21)}m_{202}^{(21)}+2m_{020}^{(10)}m_{201}^{(21)}m_{112}^{(20)}+m_{020}^{(10)}m_{201}^{(21)}m_{103}^{(10)}+m_{020}^{(10)}m_{201}^{(21)}m_{013}^{(00)}\\
&+2m_{020}^{(10)}m_{201}^{(22)}m_{202}^{(11)}-2m_{020}^{(10)}m_{201}^{(22)}m_{112}^{(10)}+2m_{020}^{(10)}m_{111}^{(00)}m_{112}^{(22)}-2m_{020}^{(10)}m_{111}^{(00)}m_{103}^{(21)}\\
&-2m_{020}^{(10)}m_{111}^{(10)}m_{202}^{(22)}+2m_{020}^{(10)}m_{111}^{(10)}m_{103}^{(20)}+2m_{020}^{(10)}m_{111}^{(20)}m_{202}^{(21)}-4m_{020}^{(10)}m_{111}^{(20)}m_{112}^{(20)}\\
&+2m_{020}^{(10)}m_{111}^{(20)}m_{103}^{(10)}+2m_{020}^{(10)}m_{111}^{(21)}m_{202}^{(20)}-2m_{020}^{(10)}m_{111}^{(21)}m_{103}^{(00)}-2m_{020}^{(10)}m_{111}^{(22)}m_{202}^{(10)}\\
&+2m_{020}^{(10)}m_{111}^{(22)}m_{112}^{(00)}-2m_{020}^{(10)}m_{102}^{(00)}m_{112}^{(21)}+2m_{020}^{(10)}m_{102}^{(00)}m_{103}^{(11)}+m_{020}^{(10)}m_{102}^{(10)}m_{211}^{(22)}\\
&+m_{020}^{(10)}m_{102}^{(10)}m_{202}^{(21)}+2m_{020}^{(10)}m_{102}^{(10)}m_{112}^{(20)}-4m_{020}^{(10)}m_{102}^{(10)}m_{103}^{(10)}-m_{020}^{(10)}m_{102}^{(11)}m_{301}^{(22)}\\
&-m_{020}^{(10)}m_{102}^{(11)}m_{202}^{(20)}+2m_{020}^{(10)}m_{102}^{(11)}m_{103}^{(00)}-m_{020}^{(10)}m_{102}^{(20)}m_{211}^{(21)}-m_{020}^{(10)}m_{102}^{(20)}m_{202}^{(11)}\\
&+2m_{020}^{(10)}m_{102}^{(20)}m_{112}^{(10)}+2m_{020}^{(10)}m_{102}^{(21)}m_{301}^{(21)}-m_{020}^{(10)}m_{102}^{(21)}m_{211}^{(20)}+m_{020}^{(10)}m_{102}^{(21)}m_{202}^{(10)}\\
&-2m_{020}^{(10)}m_{102}^{(21)}m_{112}^{(00)}-m_{020}^{(10)}m_{102}^{(22)}m_{301}^{(11)}+m_{020}^{(10)}m_{102}^{(22)}m_{211}^{(10)}-m_{020}^{(10)}m_{012}^{(00)}m_{211}^{(22)}\\
&+m_{020}^{(10)}m_{012}^{(00)}m_{202}^{(21)}+m_{020}^{(10)}m_{012}^{(10)}m_{301}^{(22)}-m_{020}^{(10)}m_{012}^{(10)}m_{202}^{(20)}-m_{020}^{(10)}m_{012}^{(10)}m_{301}^{(21)}\\
&+2m_{020}^{(10)}m_{012}^{(20)}m_{211}^{(20)}-m_{020}^{(10)}m_{012}^{(20)}m_{202}^{(10)}-m_{020}^{(10)}m_{012}^{(21)}m_{301}^{(20)}+m_{020}^{(10)}m_{012}^{(21)}m_{202}^{(00)}\\
&+m_{020}^{(10)}m_{012}^{(22)}m_{301}^{(10)}-m_{020}^{(10)}m_{012}^{(22)}m_{211}^{(00)}+m_{020}^{(10)}m_{003}^{(00)}m_{211}^{(21)}-m_{020}^{(10)}m_{003}^{(00)}m_{202}^{(11)}\\
&-m_{020}^{(10)}m_{003}^{(10)}m_{301}^{(21)}-m_{020}^{(10)}m_{003}^{(10)}m_{211}^{(20)}+2m_{020}^{(10)}m_{003}^{(10)}m_{202}^{(10)}+m_{020}^{(10)}m_{003}^{(11)}m_{301}^{(20)}\\
&-m_{020}^{(10)}m_{003}^{(11)}m_{202}^{(00)}+m_{020}^{(10)}m_{003}^{(20)}m_{301}^{(11)}-m_{020}^{(10)}m_{003}^{(20)}m_{211}^{(10)}-m_{020}^{(10)}m_{003}^{(21)}m_{301}^{(10)}\\
&+m_{020}^{(10)}m_{003}^{(21)}m_{211}^{(00)}-m_{020}^{(20)}m_{300}^{(10)}m_{022}^{(22)}+m_{020}^{(20)}m_{300}^{(10)}m_{013}^{(21)}+m_{020}^{(20)}m_{300}^{(11)}m_{112}^{(22)}\\
&-m_{020}^{(20)}m_{300}^{(11)}m_{013}^{(20)}+m_{020}^{(20)}m_{300}^{(20)}m_{022}^{(21)}-m_{020}^{(20)}m_{300}^{(20)}m_{013}^{(11)}-2m_{020}^{(20)}m_{300}^{(21)}m_{112}^{(21)}\\
&+m_{020}^{(20)}m_{300}^{(21)}m_{022}^{(20)}+m_{020}^{(20)}m_{300}^{(21)}m_{013}^{(10)}+m_{020}^{(20)}m_{300}^{(22)}m_{112}^{(11)}-m_{020}^{(20)}m_{300}^{(22)}m_{022}^{(10)}\\
&+m_{020}^{(20)}m_{210}^{(00)}m_{022}^{(22)}-m_{020}^{(20)}m_{210}^{(00)}m_{013}^{(21)}+m_{020}^{(20)}m_{210}^{(10)}m_{112}^{(22)}-2m_{020}^{(20)}m_{210}^{(10)}m_{103}^{(21)}\\
&+m_{020}^{(20)}m_{210}^{(10)}m_{013}^{(20)}-2m_{020}^{(20)}m_{210}^{(11)}m_{202}^{(22)}+2m_{020}^{(20)}m_{210}^{(11)}m_{103}^{(20)}-m_{020}^{(20)}m_{210}^{(20)}m_{112}^{(21)}\\
&+2m_{020}^{(20)}m_{210}^{(20)}m_{103}^{(11)}-2m_{020}^{(20)}m_{210}^{(20)}m_{022}^{(20)}+m_{020}^{(20)}m_{210}^{(20)}m_{013}^{(10)}+4m_{020}^{(20)}m_{210}^{(21)}m_{202}^{(21)}\\
&-m_{020}^{(20)}m_{210}^{(21)}m_{112}^{(20)}-2m_{020}^{(20)}m_{210}^{(21)}m_{103}^{(10)}-m_{020}^{(20)}m_{210}^{(21)}m_{013}^{(00)}-2m_{020}^{(20)}m_{210}^{(20)}m_{202}^{(11)}\\
&+m_{020}^{(20)}m_{210}^{(22)}m_{112}^{(10)}+m_{020}^{(20)}m_{210}^{(22)}m_{022}^{(00)}-m_{020}^{(20)}m_{201}^{(00)}m_{022}^{(21)}+m_{020}^{(20)}m_{201}^{(00)}m_{013}^{(11)}\\
&+m_{020}^{(20)}m_{201}^{(10)}m_{112}^{(21)}+m_{020}^{(20)}m_{201}^{(10)}m_{022}^{(20)}-2m_{020}^{(20)}m_{201}^{(10)}m_{013}^{(10)}-m_{020}^{(20)}m_{201}^{(11)}m_{112}^{(20)}
\end{aligned}
$$

$$+m_{020}^{(20)}m_{201}^{(11)}m_{013}^{(00)} - m_{020}^{(20)}m_{201}^{(20)}m_{112}^{(11)} + m_{020}^{(20)}m_{201}^{(20)}m_{022}^{(10)} + m_{020}^{(20)}m_{201}^{(21)}m_{112}^{(10)}$$
$$-m_{020}^{(20)}m_{201}^{(21)}m_{022}^{(00)} - 2m_{020}^{(20)}m_{120}^{(00)}m_{112}^{(22)} + 2m_{020}^{(20)}m_{120}^{(00)}m_{103}^{(21)} + 2m_{020}^{(20)}m_{120}^{(10)}m_{202}^{(22)}$$
$$-2m_{020}^{(20)}m_{120}^{(10)}m_{103}^{(20)} - 2m_{020}^{(20)}m_{120}^{(20)}m_{202}^{(21)} + 4m_{020}^{(20)}m_{120}^{(20)}m_{112}^{(20)} - 2m_{020}^{(20)}m_{120}^{(20)}m_{103}^{(10)}$$
$$-2m_{020}^{(20)}m_{120}^{(21)}m_{202}^{(20)} + 2m_{020}^{(20)}m_{120}^{(21)}m_{103}^{(00)} + 2m_{020}^{(20)}m_{120}^{(22)}m_{202}^{(10)} - 2m_{020}^{(20)}m_{120}^{(22)}m_{112}^{(00)}$$
$$+2m_{020}^{(20)}m_{111}^{(00)}m_{112}^{(21)} - 2m_{020}^{(20)}m_{111}^{(00)}m_{103}^{(11)} - 2m_{020}^{(20)}m_{111}^{(10)}m_{211}^{(22)} - 2m_{020}^{(20)}m_{111}^{(10)}m_{112}^{(20)}$$
$$+4m_{020}^{(20)}m_{111}^{(10)}m_{103}^{(10)} + 2m_{020}^{(20)}m_{111}^{(11)}m_{301}^{(22)} - 2m_{020}^{(20)}m_{111}^{(11)}m_{103}^{(00)} + 2m_{020}^{(20)}m_{111}^{(20)}m_{211}^{(21)}$$
$$-2m_{020}^{(20)}m_{111}^{(20)}m_{112}^{(10)} - 4m_{020}^{(20)}m_{111}^{(21)}m_{301}^{(21)} + 2m_{020}^{(20)}m_{111}^{(21)}m_{211}^{(20)} + 2m_{020}^{(20)}m_{111}^{(21)}m_{112}^{(00)}$$
$$+2m_{020}^{(20)}m_{111}^{(22)}m_{301}^{(11)} - 2m_{020}^{(20)}m_{111}^{(22)}m_{211}^{(10)} + m_{020}^{(20)}m_{102}^{(10)}m_{220}^{(22)} - m_{020}^{(20)}m_{102}^{(10)}m_{211}^{(21)}$$
$$-m_{020}^{(20)}m_{102}^{(11)}m_{310}^{(22)} + m_{020}^{(20)}m_{102}^{(11)}m_{211}^{(20)} - m_{020}^{(20)}m_{102}^{(20)}m_{220}^{(21)} + m_{020}^{(20)}m_{102}^{(20)}m_{211}^{(11)}$$
$$+2m_{020}^{(20)}m_{102}^{(21)}m_{310}^{(21)} - m_{020}^{(20)}m_{102}^{(21)}m_{220}^{(20)} - m_{020}^{(20)}m_{102}^{(21)}m_{211}^{(10)} - m_{020}^{(20)}m_{102}^{(22)}m_{310}^{(11)}$$
$$+m_{020}^{(20)}m_{102}^{(22)}m_{220}^{(10)} + 2m_{020}^{(20)}m_{021}^{(00)}m_{211}^{(22)} - 2m_{020}^{(20)}m_{021}^{(00)}m_{202}^{(21)} - 2m_{020}^{(20)}m_{021}^{(10)}m_{301}^{(22)}$$
$$+2m_{020}^{(20)}m_{021}^{(10)}m_{202}^{(20)} + 2m_{020}^{(20)}m_{021}^{(20)}m_{301}^{(21)} - 4m_{020}^{(20)}m_{021}^{(20)}m_{211}^{(20)} + 2m_{020}^{(20)}m_{021}^{(20)}m_{202}^{(10)}$$
$$+2m_{020}^{(20)}m_{021}^{(21)}m_{301}^{(20)} - 2m_{020}^{(20)}m_{021}^{(21)}m_{202}^{(00)} - 2m_{020}^{(20)}m_{021}^{(22)}m_{301}^{(10)} + 2m_{020}^{(20)}m_{021}^{(22)}m_{211}^{(00)}$$
$$-m_{020}^{(20)}m_{012}^{(00)}m_{220}^{(22)} - m_{020}^{(20)}m_{012}^{(00)}m_{211}^{(21)} + 2m_{020}^{(20)}m_{012}^{(00)}m_{202}^{(11)} + m_{020}^{(20)}m_{012}^{(10)}m_{310}^{(22)}$$
$$+2m_{020}^{(20)}m_{012}^{(10)}m_{301}^{(21)} + m_{020}^{(20)}m_{012}^{(10)}m_{211}^{(20)} - 4m_{020}^{(20)}m_{012}^{(10)}m_{202}^{(10)} - 2m_{020}^{(20)}m_{012}^{(11)}m_{301}^{(20)}$$
$$+2m_{020}^{(20)}m_{012}^{(11)}m_{202}^{(00)} - m_{020}^{(20)}m_{012}^{(20)}m_{310}^{(21)} - 2m_{020}^{(20)}m_{012}^{(20)}m_{301}^{(11)} + 2m_{020}^{(20)}m_{012}^{(20)}m_{220}^{(20)}$$
$$+m_{020}^{(20)}m_{012}^{(20)}m_{211}^{(10)} - m_{020}^{(20)}m_{012}^{(21)}m_{310}^{(20)} + 2m_{020}^{(20)}m_{012}^{(21)}m_{301}^{(10)} - m_{020}^{(20)}m_{012}^{(21)}m_{211}^{(00)}$$
$$+m_{020}^{(20)}m_{012}^{(22)}m_{310}^{(10)} - m_{020}^{(20)}m_{012}^{(22)}m_{220}^{(00)} + m_{020}^{(20)}m_{003}^{(00)}m_{220}^{(21)} - m_{020}^{(20)}m_{003}^{(00)}m_{211}^{(11)}$$
$$-m_{020}^{(20)}m_{003}^{(10)}m_{310}^{(21)} - m_{020}^{(20)}m_{003}^{(10)}m_{220}^{(20)} + 2m_{020}^{(20)}m_{003}^{(10)}m_{211}^{(10)} + m_{020}^{(20)}m_{003}^{(11)}m_{310}^{(20)}$$
$$-m_{020}^{(20)}m_{003}^{(11)}m_{211}^{(00)} + m_{020}^{(20)}m_{003}^{(20)}m_{310}^{(11)} - m_{020}^{(20)}m_{003}^{(20)}m_{220}^{(10)} - m_{020}^{(20)}m_{003}^{(21)}m_{310}^{(10)}$$
$$+m_{020}^{(20)}m_{003}^{(21)}m_{220}^{(00)} - m_{020}^{(21)}m_{300}^{(10)}m_{112}^{(22)} + m_{020}^{(21)}m_{300}^{(10)}m_{103}^{(21)} + m_{020}^{(21)}m_{300}^{(11)}m_{202}^{(22)}$$
$$-m_{020}^{(21)}m_{300}^{(11)}m_{103}^{(20)} + m_{020}^{(21)}m_{300}^{(20)}m_{112}^{(21)} - m_{020}^{(21)}m_{300}^{(20)}m_{103}^{(11)} - 2m_{020}^{(21)}m_{300}^{(21)}m_{202}^{(21)}$$
$$+m_{020}^{(21)}m_{300}^{(21)}m_{112}^{(20)} + m_{020}^{(21)}m_{300}^{(21)}m_{103}^{(10)} + m_{020}^{(21)}m_{300}^{(22)}m_{202}^{(11)} - m_{020}^{(21)}m_{300}^{(22)}m_{112}^{(10)}$$
$$+m_{020}^{(21)}m_{210}^{(00)}m_{112}^{(22)} - m_{020}^{(21)}m_{210}^{(00)}m_{103}^{(21)} - m_{020}^{(21)}m_{210}^{(10)}m_{202}^{(22)} + m_{020}^{(21)}m_{210}^{(10)}m_{103}^{(20)}$$
$$+m_{020}^{(21)}m_{210}^{(20)}m_{202}^{(21)} - 2m_{020}^{(21)}m_{210}^{(20)}m_{112}^{(20)} + m_{020}^{(21)}m_{210}^{(20)}m_{103}^{(10)} + m_{020}^{(21)}m_{210}^{(21)}m_{202}^{(20)}$$
$$-m_{020}^{(21)}m_{210}^{(21)}m_{103}^{(00)} - m_{020}^{(21)}m_{210}^{(22)}m_{202}^{(10)} + m_{020}^{(21)}m_{210}^{(22)}m_{112}^{(00)} - m_{020}^{(21)}m_{201}^{(00)}m_{112}^{(21)}$$
$$+m_{020}^{(21)}m_{201}^{(00)}m_{103}^{(11)} + 2m_{020}^{(21)}m_{201}^{(10)}m_{211}^{(22)} - m_{020}^{(21)}m_{201}^{(10)}m_{202}^{(21)} + m_{020}^{(21)}m_{201}^{(10)}m_{112}^{(20)}$$
$$-2m_{020}^{(21)}m_{201}^{(10)}m_{103}^{(10)} - 2m_{020}^{(21)}m_{201}^{(11)}m_{301}^{(22)} + m_{020}^{(21)}m_{201}^{(11)}m_{202}^{(20)} + m_{020}^{(21)}m_{201}^{(11)}m_{103}^{(00)}$$
$$-2m_{020}^{(21)}m_{201}^{(20)}m_{211}^{(21)} + m_{020}^{(21)}m_{201}^{(20)}m_{202}^{(11)} + m_{020}^{(21)}m_{201}^{(20)}m_{112}^{(10)} + 4m_{020}^{(21)}m_{201}^{(21)}m_{301}^{(21)}$$
$$-2m_{020}^{(21)}m_{201}^{(21)}m_{211}^{(20)} - m_{020}^{(21)}m_{201}^{(21)}m_{202}^{(10)} - m_{020}^{(21)}m_{201}^{(21)}m_{112}^{(00)} - 2m_{020}^{(21)}m_{201}^{(22)}m_{301}^{(11)}$$
$$+2m_{020}^{(21)}m_{201}^{(22)}m_{211}^{(10)} - 2m_{020}^{(21)}m_{111}^{(00)}m_{211}^{(22)} + 2m_{020}^{(21)}m_{111}^{(00)}m_{202}^{(21)} + 2m_{020}^{(21)}m_{111}^{(10)}m_{301}^{(22)}$$
$$-2m_{020}^{(21)}m_{111}^{(10)}m_{202}^{(20)} - 2m_{020}^{(21)}m_{111}^{(20)}m_{301}^{(21)} + 4m_{020}^{(21)}m_{111}^{(20)}m_{211}^{(20)} - 2m_{020}^{(21)}m_{111}^{(20)}m_{202}^{(10)}$$
$$-2m_{020}^{(21)}m_{111}^{(21)}m_{301}^{(20)} + 2m_{020}^{(21)}m_{111}^{(21)}m_{202}^{(00)} + 2m_{020}^{(21)}m_{111}^{(22)}m_{301}^{(10)} - 2m_{020}^{(21)}m_{111}^{(22)}m_{211}^{(00)}$$
$$+2m_{020}^{(21)}m_{102}^{(00)}m_{211}^{(21)} - 2m_{020}^{(21)}m_{102}^{(00)}m_{202}^{(11)} - m_{020}^{(21)}m_{102}^{(10)}m_{310}^{(22)} - m_{020}^{(21)}m_{102}^{(10)}m_{301}^{(21)}$$
$$-2m_{020}^{(21)}m_{102}^{(10)}m_{211}^{(20)} + 4m_{020}^{(21)}m_{102}^{(10)}m_{202}^{(10)} + m_{020}^{(21)}m_{102}^{(11)}m_{400}^{(22)} + m_{020}^{(21)}m_{102}^{(11)}m_{301}^{(20)}$$
$$-2m_{020}^{(21)}m_{102}^{(11)}m_{202}^{(00)} + m_{020}^{(21)}m_{102}^{(20)}m_{310}^{(21)} + m_{020}^{(21)}m_{102}^{(20)}m_{301}^{(11)} - 2m_{020}^{(21)}m_{102}^{(20)}m_{211}^{(10)}$$
$$-2m_{020}^{(21)}m_{102}^{(21)}m_{400}^{(21)} + m_{020}^{(21)}m_{102}^{(21)}m_{310}^{(20)} - m_{020}^{(21)}m_{102}^{(21)}m_{301}^{(10)} + 2m_{020}^{(21)}m_{102}^{(21)}m_{211}^{(00)}$$
$$+m_{020}^{(21)}m_{102}^{(22)}m_{400}^{(11)} - m_{020}^{(21)}m_{102}^{(22)}m_{310}^{(10)} + m_{020}^{(21)}m_{012}^{(00)}m_{310}^{(22)} - m_{020}^{(21)}m_{012}^{(00)}m_{301}^{(21)}$$

$$
\begin{aligned}
&-m_{020}^{(21)} m_{012}^{(10)} m_{400}^{(22)} + m_{020}^{(21)} m_{012}^{(10)} m_{301}^{(20)} + m_{020}^{(21)} m_{012}^{(20)} m_{400}^{(21)} - 2m_{020}^{(21)} m_{012}^{(20)} m_{310}^{(20)} \\
&+m_{020}^{(21)} m_{012}^{(20)} m_{301}^{(10)} + m_{020}^{(21)} m_{012}^{(21)} m_{400}^{(20)} - m_{020}^{(21)} m_{012}^{(21)} m_{301}^{(00)} - m_{020}^{(21)} m_{012}^{(22)} m_{400}^{(10)} \\
&+m_{020}^{(21)} m_{012}^{(22)} m_{310}^{(00)} - m_{020}^{(21)} m_{003}^{(00)} m_{310}^{(21)} + m_{020}^{(21)} m_{003}^{(00)} m_{301}^{(11)} + m_{020}^{(21)} m_{003}^{(10)} m_{400}^{(21)} \\
&+m_{020}^{(21)} m_{003}^{(10)} m_{310}^{(20)} - 2m_{020}^{(21)} m_{003}^{(10)} m_{301}^{(10)} - m_{020}^{(21)} m_{003}^{(11)} m_{400}^{(20)} + m_{020}^{(21)} m_{003}^{(11)} m_{301}^{(00)} \\
&-m_{020}^{(21)} m_{003}^{(20)} m_{400}^{(11)} + m_{020}^{(21)} m_{003}^{(20)} m_{310}^{(10)} + m_{020}^{(21)} m_{003}^{(21)} m_{400}^{(10)} - m_{020}^{(21)} m_{003}^{(21)} m_{310}^{(00)} \\
&+m_{020}^{(22)} m_{300}^{(10)} m_{121}^{(22)} - m_{020}^{(22)} m_{300}^{(10)} m_{112}^{(21)} - m_{020}^{(22)} m_{300}^{(11)} m_{211}^{(22)} + m_{020}^{(22)} m_{300}^{(11)} m_{112}^{(20)} \\
&-m_{020}^{(22)} m_{300}^{(20)} m_{121}^{(21)} + m_{020}^{(22)} m_{300}^{(20)} m_{112}^{(11)} + 2m_{020}^{(22)} m_{300}^{(21)} m_{211}^{(21)} - m_{020}^{(22)} m_{300}^{(21)} m_{121}^{(20)} \\
&-m_{020}^{(22)} m_{300}^{(21)} m_{112}^{(10)} - m_{020}^{(22)} m_{300}^{(22)} m_{211}^{(11)} + m_{020}^{(22)} m_{300}^{(22)} m_{121}^{(10)} - m_{020}^{(22)} m_{210}^{(00)} m_{121}^{(22)} \\
&+m_{020}^{(22)} m_{210}^{(00)} m_{112}^{(21)} + m_{020}^{(22)} m_{210}^{(10)} m_{202}^{(21)} - m_{020}^{(22)} m_{210}^{(10)} m_{112}^{(20)} + m_{020}^{(22)} m_{210}^{(11)} m_{301}^{(22)} \\
&-m_{020}^{(22)} m_{210}^{(11)} m_{202}^{(20)} - m_{020}^{(22)} m_{210}^{(20)} m_{202}^{(11)} + 2m_{020}^{(22)} m_{210}^{(20)} m_{121}^{(20)} - m_{020}^{(22)} m_{210}^{(20)} m_{112}^{(10)} \\
&-2m_{020}^{(22)} m_{210}^{(21)} m_{301}^{(21)} + m_{020}^{(22)} m_{210}^{(21)} m_{202}^{(10)} + m_{020}^{(22)} m_{210}^{(21)} m_{112}^{(00)} + m_{020}^{(22)} m_{210}^{(22)} m_{301}^{(11)} \\
&-m_{020}^{(22)} m_{210}^{(22)} m_{121}^{(00)} + m_{020}^{(22)} m_{201}^{(00)} m_{121}^{(21)} - m_{020}^{(22)} m_{201}^{(00)} m_{112}^{(11)} - m_{020}^{(22)} m_{201}^{(10)} m_{220}^{(22)} \\
&-m_{020}^{(22)} m_{201}^{(10)} m_{121}^{(20)} + 2m_{020}^{(22)} m_{201}^{(10)} m_{112}^{(10)} + m_{020}^{(22)} m_{201}^{(11)} m_{310}^{(22)} - m_{020}^{(22)} m_{201}^{(11)} m_{112}^{(00)} \\
&+m_{020}^{(22)} m_{201}^{(20)} m_{220}^{(21)} - m_{020}^{(22)} m_{201}^{(20)} m_{121}^{(10)} - 2m_{020}^{(22)} m_{201}^{(21)} m_{310}^{(21)} + m_{020}^{(22)} m_{201}^{(21)} m_{220}^{(20)} \\
&+m_{020}^{(22)} m_{201}^{(21)} m_{121}^{(00)} + m_{020}^{(22)} m_{201}^{(22)} m_{310}^{(11)} - m_{020}^{(22)} m_{201}^{(22)} m_{220}^{(10)} + m_{020}^{(22)} m_{120}^{(00)} m_{211}^{(22)} \\
&-m_{020}^{(22)} m_{120}^{(00)} m_{202}^{(21)} - m_{020}^{(22)} m_{120}^{(10)} m_{301}^{(22)} + m_{020}^{(22)} m_{120}^{(10)} m_{202}^{(20)} + m_{020}^{(22)} m_{120}^{(20)} m_{301}^{(21)} \\
&-2m_{020}^{(22)} m_{120}^{(20)} m_{211}^{(20)} + m_{020}^{(22)} m_{120}^{(20)} m_{202}^{(10)} + m_{020}^{(22)} m_{120}^{(21)} m_{301}^{(20)} - m_{020}^{(22)} m_{120}^{(21)} m_{202}^{(00)} \\
&-m_{020}^{(22)} m_{120}^{(22)} m_{301}^{(10)} + m_{020}^{(22)} m_{120}^{(22)} m_{211}^{(00)} + m_{020}^{(22)} m_{111}^{(00)} m_{220}^{(22)} - 2m_{020}^{(22)} m_{111}^{(00)} m_{211}^{(21)} \\
&+m_{020}^{(22)} m_{111}^{(00)} m_{202}^{(11)} + 2m_{020}^{(22)} m_{111}^{(10)} m_{211}^{(20)} - 2m_{020}^{(22)} m_{111}^{(10)} m_{202}^{(10)} - m_{020}^{(22)} m_{111}^{(11)} m_{400}^{(22)} \\
&+m_{020}^{(22)} m_{111}^{(11)} m_{202}^{(00)} - 2m_{020}^{(22)} m_{111}^{(20)} m_{220}^{(20)} + 2m_{020}^{(22)} m_{111}^{(20)} m_{211}^{(10)} + 2m_{020}^{(22)} m_{111}^{(21)} m_{400}^{(21)} \\
&-2m_{020}^{(22)} m_{111}^{(21)} m_{211}^{(00)} - m_{020}^{(22)} m_{111}^{(22)} m_{400}^{(11)} + m_{020}^{(22)} m_{111}^{(22)} m_{220}^{(00)} - m_{020}^{(22)} m_{102}^{(00)} m_{220}^{(21)} \\
&+m_{020}^{(22)} m_{102}^{(00)} m_{211}^{(11)} + m_{020}^{(22)} m_{102}^{(10)} m_{310}^{(21)} + m_{020}^{(22)} m_{102}^{(10)} m_{220}^{(20)} - 2m_{020}^{(22)} m_{102}^{(10)} m_{211}^{(10)} \\
&-m_{020}^{(22)} m_{102}^{(11)} m_{310}^{(20)} + m_{020}^{(22)} m_{102}^{(11)} m_{211}^{(00)} - m_{020}^{(22)} m_{102}^{(20)} m_{310}^{(11)} + m_{020}^{(22)} m_{102}^{(20)} m_{220}^{(10)} \\
&+m_{020}^{(22)} m_{102}^{(21)} m_{310}^{(10)} - m_{020}^{(22)} m_{102}^{(21)} m_{220}^{(00)} - m_{020}^{(22)} m_{021}^{(00)} m_{310}^{(22)} + m_{020}^{(22)} m_{021}^{(00)} m_{301}^{(21)} \\
&+m_{020}^{(22)} m_{021}^{(10)} m_{400}^{(22)} - m_{020}^{(22)} m_{021}^{(10)} m_{301}^{(20)} - m_{020}^{(22)} m_{021}^{(20)} m_{400}^{(21)} + 2m_{020}^{(22)} m_{021}^{(20)} m_{310}^{(20)} \\
&-m_{020}^{(22)} m_{021}^{(20)} m_{301}^{(10)} - m_{020}^{(22)} m_{021}^{(21)} m_{400}^{(20)} + m_{020}^{(22)} m_{021}^{(21)} m_{301}^{(00)} + m_{020}^{(22)} m_{021}^{(22)} m_{400}^{(10)} \\
&-m_{020}^{(22)} m_{021}^{(22)} m_{310}^{(00)} + m_{020}^{(22)} m_{012}^{(00)} m_{310}^{(21)} - m_{020}^{(22)} m_{012}^{(00)} m_{301}^{(11)} - m_{020}^{(22)} m_{012}^{(10)} m_{400}^{(21)} \\
&-m_{020}^{(22)} m_{012}^{(10)} m_{310}^{(20)} + 2m_{020}^{(22)} m_{012}^{(10)} m_{301}^{(10)} + m_{020}^{(22)} m_{012}^{(11)} m_{400}^{(20)} - m_{020}^{(22)} m_{012}^{(11)} m_{301}^{(00)} \\
&+m_{020}^{(22)} m_{012}^{(20)} m_{400}^{(11)} - m_{020}^{(22)} m_{012}^{(20)} m_{310}^{(10)} - m_{020}^{(22)} m_{012}^{(21)} m_{400}^{(10)} + m_{020}^{(22)} m_{012}^{(21)} m_{310}^{(00)} \\
&+2m_{011}^{(00)} m_{210}^{(10)} m_{022}^{(22)} - 2m_{011}^{(00)} m_{210}^{(10)} m_{013}^{(21)} - 2m_{011}^{(00)} m_{210}^{(11)} m_{112}^{(22)} + 2m_{011}^{(00)} m_{210}^{(11)} m_{013}^{(20)} \\
&-2m_{011}^{(00)} m_{210}^{(20)} m_{022}^{(21)} + 2m_{011}^{(00)} m_{210}^{(20)} m_{013}^{(11)} + 4m_{011}^{(00)} m_{210}^{(21)} m_{112}^{(21)} - 2m_{011}^{(00)} m_{210}^{(21)} m_{022}^{(20)} \\
&-2m_{011}^{(00)} m_{210}^{(21)} m_{013}^{(10)} - 2m_{011}^{(00)} m_{210}^{(22)} m_{112}^{(11)} + 2m_{011}^{(00)} m_{210}^{(22)} m_{022}^{(10)} - 2m_{011}^{(00)} m_{201}^{(10)} m_{031}^{(22)} \\
&+2m_{011}^{(00)} m_{201}^{(10)} m_{022}^{(21)} + 2m_{011}^{(00)} m_{201}^{(11)} m_{121}^{(22)} - 2m_{011}^{(00)} m_{201}^{(11)} m_{022}^{(20)} + 2m_{011}^{(00)} m_{201}^{(20)} m_{031}^{(21)} \\
&-2m_{011}^{(00)} m_{201}^{(20)} m_{022}^{(11)} - 4m_{011}^{(00)} m_{201}^{(21)} m_{121}^{(21)} + 2m_{011}^{(00)} m_{201}^{(21)} m_{031}^{(20)} + 2m_{011}^{(00)} m_{201}^{(21)} m_{022}^{(10)} \\
&+2m_{011}^{(00)} m_{201}^{(22)} m_{121}^{(11)} - 2m_{011}^{(00)} m_{201}^{(22)} m_{031}^{(10)} - 2m_{011}^{(00)} m_{120}^{(00)} m_{022}^{(22)} + 2m_{011}^{(00)} m_{120}^{(00)} m_{013}^{(21)} \\
&+m_{011}^{(00)} m_{120}^{(10)} m_{112}^{(22)} + m_{011}^{(00)} m_{120}^{(10)} m_{103}^{(21)} - 2m_{011}^{(00)} m_{120}^{(10)} m_{013}^{(20)} + m_{011}^{(00)} m_{120}^{(11)} m_{202}^{(22)} \\
&-m_{011}^{(00)} m_{120}^{(11)} m_{103}^{(20)} - m_{011}^{(00)} m_{120}^{(20)} m_{112}^{(21)} - m_{011}^{(00)} m_{120}^{(20)} m_{103}^{(11)} + 4m_{011}^{(00)} m_{120}^{(20)} m_{022}^{(20)} \\
&-2m_{011}^{(00)} m_{120}^{(20)} m_{013}^{(10)} - 2m_{011}^{(00)} m_{120}^{(21)} m_{202}^{(21)} - m_{011}^{(00)} m_{120}^{(21)} m_{112}^{(20)} + m_{011}^{(00)} m_{120}^{(21)} m_{103}^{(10)}
\end{aligned}
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\begin{aligned}
&+2m_{011}^{(00)}m_{120}^{(21)}m_{013}^{(00)} + m_{011}^{(00)}m_{120}^{(22)}m_{202}^{(11)} + m_{011}^{(00)}m_{120}^{(22)}m_{112}^{(10)} - 2m_{011}^{(00)}m_{120}^{(22)}m_{022}^{(00)}\\
&+2m_{011}^{(00)}m_{111}^{(00)}m_{031}^{(22)} - 2m_{011}^{(00)}m_{111}^{(00)}m_{013}^{(11)} - 2m_{011}^{(00)}m_{111}^{(10)}m_{121}^{(22)} - 2m_{011}^{(00)}m_{111}^{(10)}m_{112}^{(21)}\\
&+4m_{011}^{(00)}m_{111}^{(10)}m_{013}^{(10)} + 2m_{011}^{(00)}m_{111}^{(11)}m_{112}^{(20)} - 2m_{011}^{(00)}m_{111}^{(11)}m_{013}^{(00)} + 2m_{011}^{(00)}m_{111}^{(20)}m_{121}^{(21)}\\
&+2m_{011}^{(00)}m_{111}^{(20)}m_{112}^{(11)} - 4m_{011}^{(00)}m_{111}^{(20)}m_{031}^{(20)} + 2m_{011}^{(00)}m_{111}^{(21)}m_{121}^{(20)} - 2m_{011}^{(00)}m_{111}^{(21)}m_{112}^{(10)}\\
&-2m_{011}^{(00)}m_{111}^{(22)}m_{121}^{(10)} + 2m_{011}^{(00)}m_{111}^{(22)}m_{031}^{(00)} - 2m_{011}^{(00)}m_{102}^{(00)}m_{031}^{(21)} + 2m_{011}^{(00)}m_{102}^{(00)}m_{022}^{(11)}\\
&+m_{011}^{(00)}m_{102}^{(10)}m_{130}^{(22)} + m_{011}^{(00)}m_{102}^{(10)}m_{121}^{(21)} + 2m_{011}^{(00)}m_{102}^{(10)}m_{031}^{(20)} - 4m_{011}^{(00)}m_{102}^{(10)}m_{022}^{(10)}\\
&-m_{011}^{(00)}m_{102}^{(11)}m_{220}^{(22)} - m_{011}^{(00)}m_{102}^{(11)}m_{121}^{(20)} + 2m_{011}^{(00)}m_{102}^{(11)}m_{022}^{(00)} - m_{011}^{(00)}m_{102}^{(20)}m_{130}^{(21)}\\
&-m_{011}^{(00)}m_{102}^{(20)}m_{121}^{(11)} + 2m_{011}^{(00)}m_{102}^{(20)}m_{031}^{(10)} + 2m_{011}^{(00)}m_{102}^{(21)}m_{220}^{(21)} - m_{011}^{(00)}m_{102}^{(21)}m_{130}^{(20)}\\
&+m_{011}^{(00)}m_{102}^{(21)}m_{121}^{(10)} - 2m_{011}^{(00)}m_{102}^{(21)}m_{031}^{(00)} - m_{011}^{(00)}m_{102}^{(22)}m_{220}^{(11)} + m_{011}^{(00)}m_{102}^{(22)}m_{130}^{(10)}\\
&+m_{011}^{(00)}m_{030}^{(00)}m_{112}^{(22)} - m_{011}^{(00)}m_{030}^{(00)}m_{103}^{(21)} - m_{011}^{(00)}m_{030}^{(10)}m_{202}^{(22)} + m_{011}^{(00)}m_{030}^{(10)}m_{103}^{(20)}\\
&+m_{011}^{(00)}m_{030}^{(20)}m_{202}^{(21)} - 2m_{011}^{(00)}m_{030}^{(20)}m_{112}^{(20)} + m_{011}^{(00)}m_{030}^{(20)}m_{103}^{(10)} + m_{011}^{(00)}m_{030}^{(21)}m_{202}^{(20)}\\
&-m_{011}^{(00)}m_{030}^{(21)}m_{103}^{(00)} - m_{011}^{(00)}m_{030}^{(22)}m_{202}^{(10)} + m_{011}^{(00)}m_{030}^{(22)}m_{112}^{(00)} - m_{011}^{(00)}m_{021}^{(00)}m_{112}^{(21)}\\
&+m_{011}^{(00)}m_{021}^{(00)}m_{103}^{(11)} + m_{011}^{(00)}m_{021}^{(10)}m_{202}^{(21)} + m_{011}^{(00)}m_{021}^{(10)}m_{112}^{(20)} - 2m_{011}^{(00)}m_{021}^{(10)}m_{103}^{(10)}\\
&-m_{011}^{(00)}m_{021}^{(11)}m_{202}^{(20)} + m_{011}^{(00)}m_{021}^{(11)}m_{103}^{(00)} - m_{011}^{(00)}m_{021}^{(20)}m_{202}^{(11)} + m_{011}^{(00)}m_{021}^{(20)}m_{112}^{(10)}\\
&+m_{011}^{(00)}m_{021}^{(21)}m_{202}^{(10)} - m_{011}^{(00)}m_{021}^{(21)}m_{112}^{(00)} - m_{011}^{(00)}m_{012}^{(00)}m_{130}^{(22)} + m_{011}^{(00)}m_{012}^{(00)}m_{121}^{(21)}\\
&+m_{011}^{(00)}m_{012}^{(10)}m_{220}^{(22)} - m_{011}^{(00)}m_{012}^{(10)}m_{121}^{(20)} - m_{011}^{(00)}m_{012}^{(20)}m_{220}^{(21)} + 2m_{011}^{(00)}m_{012}^{(20)}m_{130}^{(20)}\\
&-m_{011}^{(00)}m_{012}^{(20)}m_{121}^{(10)} - m_{011}^{(00)}m_{012}^{(21)}m_{220}^{(20)} + m_{011}^{(00)}m_{012}^{(21)}m_{121}^{(00)} + m_{011}^{(00)}m_{012}^{(22)}m_{220}^{(10)}\\
&-m_{011}^{(00)}m_{012}^{(22)}m_{130}^{(00)} + m_{011}^{(00)}m_{003}^{(00)}m_{130}^{(21)} - m_{011}^{(00)}m_{003}^{(00)}m_{121}^{(11)} - m_{011}^{(00)}m_{003}^{(10)}m_{220}^{(21)}\\
&-m_{011}^{(00)}m_{003}^{(10)}m_{130}^{(20)} + 2m_{011}^{(00)}m_{003}^{(10)}m_{121}^{(10)} + m_{011}^{(00)}m_{003}^{(11)}m_{220}^{(20)} - m_{011}^{(00)}m_{003}^{(11)}m_{121}^{(00)}\\
&+m_{011}^{(00)}m_{003}^{(20)}m_{220}^{(11)} - m_{011}^{(00)}m_{003}^{(20)}m_{130}^{(10)} - m_{011}^{(00)}m_{003}^{(21)}m_{220}^{(10)} + m_{011}^{(00)}m_{003}^{(21)}m_{130}^{(00)}\\
&-2m_{011}^{(10)}m_{300}^{(10)}m_{022}^{(22)} + 2m_{011}^{(10)}m_{300}^{(10)}m_{013}^{(21)} + 2m_{011}^{(10)}m_{300}^{(11)}m_{112}^{(22)} - 2m_{011}^{(10)}m_{300}^{(11)}m_{013}^{(20)}\\
&+2m_{011}^{(10)}m_{300}^{(20)}m_{022}^{(21)} - 2m_{011}^{(10)}m_{300}^{(20)}m_{013}^{(11)} - 4m_{011}^{(10)}m_{300}^{(21)}m_{112}^{(21)} + 2m_{011}^{(10)}m_{300}^{(21)}m_{022}^{(20)}\\
&+2m_{011}^{(10)}m_{300}^{(21)}m_{013}^{(10)} + 2m_{011}^{(10)}m_{300}^{(22)}m_{112}^{(11)} - 2m_{011}^{(10)}m_{300}^{(22)}m_{022}^{(10)} + 2m_{011}^{(10)}m_{210}^{(00)}m_{022}^{(22)}\\
&-2m_{011}^{(10)}m_{210}^{(00)}m_{013}^{(21)} - 2m_{011}^{(10)}m_{210}^{(10)}m_{112}^{(22)} + 2m_{011}^{(10)}m_{210}^{(10)}m_{013}^{(20)} + 2m_{011}^{(10)}m_{210}^{(20)}m_{112}^{(21)}\\
&-4m_{011}^{(10)}m_{210}^{(20)}m_{022}^{(20)} + 2m_{011}^{(10)}m_{210}^{(20)}m_{013}^{(10)} + 2m_{011}^{(10)}m_{210}^{(21)}m_{112}^{(20)} - 2m_{011}^{(10)}m_{210}^{(21)}m_{013}^{(00)}\\
&-2m_{011}^{(10)}m_{210}^{(22)}m_{112}^{(10)} + 2m_{011}^{(10)}m_{210}^{(22)}m_{022}^{(00)} - 2m_{011}^{(10)}m_{201}^{(00)}m_{022}^{(21)} + 2m_{011}^{(10)}m_{201}^{(00)}m_{013}^{(11)}\\
&+4m_{011}^{(10)}m_{201}^{(10)}m_{121}^{(22)} - 2m_{011}^{(10)}m_{201}^{(10)}m_{112}^{(21)} + 2m_{011}^{(10)}m_{201}^{(10)}m_{022}^{(20)} - 4m_{011}^{(10)}m_{201}^{(10)}m_{013}^{(10)}\\
&-4m_{011}^{(10)}m_{201}^{(11)}m_{211}^{(22)} + 2m_{011}^{(10)}m_{201}^{(11)}m_{112}^{(20)} + 2m_{011}^{(10)}m_{201}^{(11)}m_{013}^{(00)} - 4m_{011}^{(10)}m_{201}^{(20)}m_{121}^{(21)}\\
&+2m_{011}^{(10)}m_{201}^{(20)}m_{112}^{(11)} + 2m_{011}^{(10)}m_{201}^{(20)}m_{022}^{(10)} + 8m_{011}^{(10)}m_{201}^{(21)}m_{211}^{(21)} - 4m_{011}^{(10)}m_{201}^{(21)}m_{121}^{(20)}\\
&-2m_{011}^{(10)}m_{201}^{(21)}m_{112}^{(10)} - 2m_{011}^{(10)}m_{201}^{(21)}m_{022}^{(00)} - 4m_{011}^{(10)}m_{201}^{(22)}m_{211}^{(11)} + 4m_{011}^{(10)}m_{201}^{(22)}m_{121}^{(10)}\\
&-4m_{011}^{(10)}m_{111}^{(00)}m_{121}^{(22)} + 4m_{011}^{(10)}m_{111}^{(00)}m_{112}^{(21)} + 4m_{011}^{(10)}m_{111}^{(10)}m_{211}^{(22)} - 4m_{011}^{(10)}m_{111}^{(10)}m_{112}^{(20)}\\
&-4m_{011}^{(10)}m_{111}^{(20)}m_{211}^{(21)} + 8m_{011}^{(10)}m_{111}^{(20)}m_{121}^{(20)} - 4m_{011}^{(10)}m_{111}^{(20)}m_{112}^{(10)} - 4m_{011}^{(10)}m_{111}^{(21)}m_{211}^{(20)}\\
&+4m_{011}^{(10)}m_{111}^{(21)}m_{112}^{(00)} + 4m_{011}^{(10)}m_{111}^{(22)}m_{211}^{(10)} - 4m_{011}^{(10)}m_{111}^{(22)}m_{121}^{(00)} + 4m_{011}^{(10)}m_{102}^{(00)}m_{121}^{(21)}\\
&-4m_{011}^{(10)}m_{102}^{(00)}m_{112}^{(11)} - 2m_{011}^{(10)}m_{102}^{(10)}m_{220}^{(22)} - 2m_{011}^{(10)}m_{102}^{(10)}m_{211}^{(21)} - 4m_{011}^{(10)}m_{102}^{(10)}m_{121}^{(20)}\\
&+8m_{011}^{(10)}m_{102}^{(10)}m_{112}^{(10)} + 2m_{011}^{(10)}m_{102}^{(11)}m_{310}^{(22)} + 2m_{011}^{(10)}m_{102}^{(11)}m_{211}^{(20)} - 4m_{011}^{(10)}m_{102}^{(11)}m_{112}^{(00)}\\
&+2m_{011}^{(10)}m_{102}^{(20)}m_{220}^{(21)} + 2m_{011}^{(10)}m_{102}^{(20)}m_{211}^{(11)} - 4m_{011}^{(10)}m_{102}^{(20)}m_{121}^{(10)} - 4m_{011}^{(10)}m_{102}^{(21)}m_{310}^{(21)}\\
&+2m_{011}^{(10)}m_{102}^{(21)}m_{220}^{(20)} - 2m_{011}^{(10)}m_{102}^{(21)}m_{211}^{(10)} + 4m_{011}^{(10)}m_{102}^{(21)}m_{121}^{(00)} + 2m_{011}^{(10)}m_{102}^{(22)}m_{310}^{(11)}\\
&-2m_{011}^{(10)}m_{102}^{(22)}m_{220}^{(10)} + 2m_{011}^{(10)}m_{012}^{(00)}m_{220}^{(22)} - 2m_{011}^{(10)}m_{012}^{(00)}m_{211}^{(21)} - 2m_{011}^{(10)}m_{012}^{(10)}m_{310}^{(22)}
\end{aligned}
$$

$$+2m_{011}^{(10)}m_{012}^{(10)}m_{211}^{(20)}+2m_{011}^{(10)}m_{012}^{(20)}m_{310}^{(21)}-4m_{011}^{(10)}m_{012}^{(20)}m_{220}^{(20)}+2m_{011}^{(10)}m_{012}^{(20)}m_{211}^{(10)}$$
$$+2m_{011}^{(10)}m_{012}^{(21)}m_{310}^{(20)}-2m_{011}^{(10)}m_{012}^{(21)}m_{211}^{(00)}-2m_{011}^{(10)}m_{012}^{(22)}m_{310}^{(10)}+2m_{011}^{(10)}m_{012}^{(22)}m_{220}^{(00)}$$
$$-2m_{011}^{(10)}m_{003}^{(00)}m_{220}^{(21)}+2m_{011}^{(10)}m_{003}^{(00)}m_{211}^{(11)}+2m_{011}^{(10)}m_{003}^{(10)}m_{310}^{(21)}+2m_{011}^{(10)}m_{003}^{(10)}m_{220}^{(20)}$$
$$-4m_{011}^{(10)}m_{003}^{(10)}m_{211}^{(10)}-2m_{011}^{(10)}m_{003}^{(11)}m_{310}^{(20)}+2m_{011}^{(10)}m_{003}^{(11)}m_{211}^{(00)}-2m_{011}^{(10)}m_{003}^{(20)}m_{310}^{(11)}$$
$$+2m_{011}^{(10)}m_{003}^{(20)}m_{220}^{(10)}+2m_{011}^{(10)}m_{003}^{(21)}m_{310}^{(10)}-2m_{011}^{(10)}m_{003}^{(21)}m_{220}^{(00)}+m_{011}^{(11)}m_{300}^{(10)}m_{112}^{(22)}$$
$$-m_{011}^{(11)}m_{300}^{(10)}m_{103}^{(21)}-m_{011}^{(11)}m_{300}^{(11)}m_{202}^{(22)}+m_{011}^{(11)}m_{300}^{(11)}m_{103}^{(20)}-m_{011}^{(11)}m_{300}^{(20)}m_{112}^{(21)}$$
$$+m_{011}^{(11)}m_{300}^{(20)}m_{103}^{(11)}+2m_{011}^{(11)}m_{300}^{(21)}m_{202}^{(21)}-m_{011}^{(11)}m_{300}^{(21)}m_{112}^{(20)}-m_{011}^{(11)}m_{300}^{(21)}m_{103}^{(10)}$$
$$-m_{011}^{(11)}m_{300}^{(22)}m_{202}^{(11)}+m_{011}^{(11)}m_{300}^{(22)}m_{112}^{(10)}-m_{011}^{(11)}m_{210}^{(00)}m_{112}^{(22)}+m_{011}^{(11)}m_{210}^{(00)}m_{103}^{(21)}$$
$$+m_{011}^{(11)}m_{210}^{(10)}m_{202}^{(22)}-m_{011}^{(11)}m_{210}^{(10)}m_{103}^{(20)}-m_{011}^{(11)}m_{210}^{(20)}m_{202}^{(21)}+2m_{011}^{(11)}m_{210}^{(20)}m_{112}^{(20)}$$
$$-m_{011}^{(11)}m_{210}^{(20)}m_{103}^{(10)}-m_{011}^{(11)}m_{210}^{(21)}m_{202}^{(20)}+m_{011}^{(11)}m_{210}^{(21)}m_{103}^{(00)}+m_{011}^{(11)}m_{210}^{(22)}m_{202}^{(10)}$$
$$-m_{011}^{(11)}m_{210}^{(22)}m_{112}^{(00)}+m_{011}^{(11)}m_{201}^{(00)}m_{112}^{(21)}-m_{011}^{(11)}m_{201}^{(00)}m_{103}^{(11)}-2m_{011}^{(11)}m_{201}^{(10)}m_{211}^{(22)}$$
$$+m_{011}^{(11)}m_{201}^{(10)}m_{202}^{(21)}-m_{011}^{(11)}m_{201}^{(10)}m_{112}^{(20)}+2m_{011}^{(11)}m_{201}^{(10)}m_{103}^{(10)}+2m_{011}^{(11)}m_{201}^{(11)}m_{301}^{(22)}$$
$$-m_{011}^{(11)}m_{201}^{(11)}m_{202}^{(20)}-m_{011}^{(11)}m_{201}^{(11)}m_{103}^{(00)}+2m_{011}^{(11)}m_{201}^{(20)}m_{211}^{(21)}-m_{011}^{(11)}m_{201}^{(20)}m_{202}^{(11)}$$
$$-m_{011}^{(11)}m_{201}^{(20)}m_{112}^{(10)}-4m_{011}^{(11)}m_{201}^{(21)}m_{301}^{(21)}+2m_{011}^{(11)}m_{201}^{(21)}m_{211}^{(20)}+m_{011}^{(11)}m_{201}^{(21)}m_{202}^{(10)}$$
$$+m_{011}^{(11)}m_{201}^{(21)}m_{112}^{(00)}+2m_{011}^{(11)}m_{201}^{(22)}m_{301}^{(11)}-2m_{011}^{(11)}m_{201}^{(22)}m_{211}^{(10)}+2m_{011}^{(11)}m_{111}^{(00)}m_{211}^{(22)}$$
$$-2m_{011}^{(11)}m_{111}^{(00)}m_{202}^{(21)}-2m_{011}^{(11)}m_{111}^{(10)}m_{301}^{(22)}+2m_{011}^{(11)}m_{111}^{(10)}m_{202}^{(20)}+2m_{011}^{(11)}m_{111}^{(20)}m_{301}^{(21)}$$
$$-4m_{011}^{(11)}m_{111}^{(20)}m_{211}^{(20)}+2m_{011}^{(11)}m_{111}^{(20)}m_{202}^{(10)}+2m_{011}^{(11)}m_{111}^{(21)}m_{301}^{(20)}-2m_{011}^{(11)}m_{111}^{(21)}m_{202}^{(00)}$$
$$-2m_{011}^{(11)}m_{111}^{(22)}m_{301}^{(10)}+2m_{011}^{(11)}m_{111}^{(22)}m_{211}^{(00)}-2m_{011}^{(11)}m_{102}^{(00)}m_{211}^{(21)}+2m_{011}^{(11)}m_{102}^{(00)}m_{202}^{(11)}$$
$$+m_{011}^{(11)}m_{102}^{(10)}m_{310}^{(22)}+m_{011}^{(11)}m_{102}^{(10)}m_{301}^{(21)}+2m_{011}^{(11)}m_{102}^{(10)}m_{211}^{(20)}-4m_{011}^{(11)}m_{102}^{(10)}m_{202}^{(10)}$$
$$-m_{011}^{(11)}m_{102}^{(11)}m_{400}^{(22)}-m_{011}^{(11)}m_{102}^{(11)}m_{301}^{(20)}+2m_{011}^{(11)}m_{102}^{(11)}m_{202}^{(00)}-m_{011}^{(11)}m_{102}^{(20)}m_{310}^{(21)}$$
$$-m_{011}^{(11)}m_{102}^{(20)}m_{301}^{(11)}+2m_{011}^{(11)}m_{102}^{(20)}m_{211}^{(10)}+2m_{011}^{(11)}m_{102}^{(21)}m_{400}^{(21)}-m_{011}^{(11)}m_{102}^{(21)}m_{310}^{(20)}$$
$$+m_{011}^{(11)}m_{102}^{(21)}m_{301}^{(10)}-2m_{011}^{(11)}m_{102}^{(21)}m_{211}^{(00)}-m_{011}^{(11)}m_{102}^{(22)}m_{400}^{(11)}+m_{011}^{(11)}m_{102}^{(22)}m_{310}^{(10)}$$
$$-m_{011}^{(11)}m_{012}^{(00)}m_{310}^{(22)}+m_{011}^{(11)}m_{012}^{(00)}m_{301}^{(21)}+m_{011}^{(11)}m_{012}^{(10)}m_{400}^{(22)}-m_{011}^{(11)}m_{012}^{(10)}m_{301}^{(20)}$$
$$-m_{011}^{(11)}m_{012}^{(20)}m_{400}^{(21)}+2m_{011}^{(11)}m_{012}^{(20)}m_{310}^{(20)}-m_{011}^{(11)}m_{012}^{(20)}m_{301}^{(10)}-m_{011}^{(11)}m_{012}^{(21)}m_{400}^{(20)}$$
$$+m_{011}^{(11)}m_{012}^{(21)}m_{301}^{(00)}+m_{011}^{(11)}m_{012}^{(22)}m_{400}^{(10)}-m_{011}^{(11)}m_{012}^{(22)}m_{310}^{(00)}+m_{011}^{(11)}m_{003}^{(00)}m_{310}^{(21)}$$
$$-m_{011}^{(11)}m_{003}^{(00)}m_{301}^{(11)}-m_{011}^{(11)}m_{003}^{(10)}m_{400}^{(21)}-m_{011}^{(11)}m_{003}^{(10)}m_{310}^{(20)}+2m_{011}^{(11)}m_{003}^{(10)}m_{301}^{(10)}$$
$$+m_{011}^{(11)}m_{003}^{(11)}m_{400}^{(20)}-m_{011}^{(11)}m_{003}^{(11)}m_{301}^{(00)}+m_{011}^{(11)}m_{003}^{(20)}m_{400}^{(11)}-m_{011}^{(11)}m_{003}^{(20)}m_{310}^{(10)}$$
$$-m_{011}^{(11)}m_{003}^{(21)}m_{400}^{(10)}+m_{011}^{(11)}m_{003}^{(21)}m_{310}^{(00)}+2m_{011}^{(20)}m_{300}^{(10)}m_{031}^{(22)}-2m_{011}^{(20)}m_{300}^{(10)}m_{022}^{(21)}$$
$$-2m_{011}^{(20)}m_{300}^{(11)}m_{121}^{(22)}+2m_{011}^{(20)}m_{300}^{(11)}m_{022}^{(20)}-2m_{011}^{(20)}m_{300}^{(20)}m_{031}^{(21)}+2m_{011}^{(20)}m_{300}^{(20)}m_{022}^{(11)}$$
$$+4m_{011}^{(20)}m_{300}^{(21)}m_{121}^{(21)}-2m_{011}^{(20)}m_{300}^{(21)}m_{031}^{(20)}-2m_{011}^{(20)}m_{300}^{(21)}m_{022}^{(10)}-2m_{011}^{(20)}m_{300}^{(22)}m_{121}^{(11)}$$
$$+2m_{011}^{(20)}m_{300}^{(22)}m_{031}^{(10)}-2m_{011}^{(20)}m_{210}^{(00)}m_{031}^{(22)}+2m_{011}^{(20)}m_{210}^{(00)}m_{022}^{(21)}-2m_{011}^{(20)}m_{210}^{(10)}m_{121}^{(22)}$$
$$+4m_{011}^{(20)}m_{210}^{(10)}m_{112}^{(21)}-2m_{011}^{(20)}m_{210}^{(10)}m_{022}^{(20)}+4m_{011}^{(20)}m_{210}^{(11)}m_{211}^{(22)}-4m_{011}^{(20)}m_{210}^{(11)}m_{112}^{(20)}$$
$$+2m_{011}^{(20)}m_{210}^{(20)}m_{121}^{(21)}-4m_{011}^{(20)}m_{210}^{(20)}m_{112}^{(11)}+4m_{011}^{(20)}m_{210}^{(20)}m_{031}^{(20)}-2m_{011}^{(20)}m_{210}^{(20)}m_{022}^{(10)}$$
$$-8m_{011}^{(20)}m_{210}^{(21)}m_{211}^{(21)}+2m_{011}^{(20)}m_{210}^{(21)}m_{121}^{(20)}+4m_{011}^{(20)}m_{210}^{(21)}m_{112}^{(10)}+2m_{011}^{(20)}m_{210}^{(21)}m_{022}^{(00)}$$
$$+4m_{011}^{(20)}m_{210}^{(22)}m_{211}^{(11)}-2m_{011}^{(20)}m_{210}^{(22)}m_{121}^{(10)}-2m_{011}^{(20)}m_{210}^{(22)}m_{031}^{(00)}+2m_{011}^{(20)}m_{201}^{(00)}m_{031}^{(21)}$$
$$-2m_{011}^{(20)}m_{201}^{(00)}m_{022}^{(11)}-2m_{011}^{(20)}m_{201}^{(10)}m_{121}^{(21)}-2m_{011}^{(20)}m_{201}^{(10)}m_{031}^{(20)}+4m_{011}^{(20)}m_{201}^{(10)}m_{022}^{(10)}$$
$$+2m_{011}^{(20)}m_{201}^{(11)}m_{121}^{(20)}-2m_{011}^{(20)}m_{201}^{(11)}m_{022}^{(00)}+2m_{011}^{(20)}m_{201}^{(20)}m_{121}^{(11)}-2m_{011}^{(20)}m_{201}^{(20)}m_{031}^{(10)}$$
$$-2m_{011}^{(20)}m_{201}^{(21)}m_{121}^{(10)}+2m_{011}^{(20)}m_{201}^{(21)}m_{031}^{(00)}+4m_{011}^{(20)}m_{120}^{(00)}m_{121}^{(22)}-4m_{011}^{(20)}m_{120}^{(00)}m_{112}^{(21)}$$

$$
\begin{aligned}
&-2m_{011}^{(20)}m_{120}^{(10)}m_{211}^{(22)} - 2m_{011}^{(20)}m_{120}^{(10)}m_{202}^{(21)} + 4m_{011}^{(20)}m_{120}^{(10)}m_{112}^{(20)} - 2m_{011}^{(20)}m_{120}^{(11)}m_{301}^{(22)}\\
&+2m_{011}^{(20)}m_{120}^{(11)}m_{202}^{(20)} + 2m_{011}^{(20)}m_{120}^{(20)}m_{211}^{(21)} + 2m_{011}^{(20)}m_{120}^{(20)}m_{202}^{(11)} - 8m_{011}^{(20)}m_{120}^{(20)}m_{121}^{(20)}\\
&+4m_{011}^{(20)}m_{120}^{(20)}m_{112}^{(10)} + 4m_{011}^{(20)}m_{120}^{(21)}m_{301}^{(21)} + 2m_{011}^{(20)}m_{120}^{(21)}m_{211}^{(20)} - 2m_{011}^{(20)}m_{120}^{(21)}m_{202}^{(10)}\\
&-4m_{011}^{(20)}m_{120}^{(21)}m_{112}^{(00)} - 2m_{011}^{(20)}m_{120}^{(22)}m_{301}^{(11)} - 2m_{011}^{(20)}m_{120}^{(22)}m_{211}^{(10)} + 4m_{011}^{(20)}m_{120}^{(22)}m_{121}^{(00)}\\
&-4m_{011}^{(20)}m_{111}^{(00)}m_{121}^{(21)} + 4m_{011}^{(20)}m_{111}^{(00)}m_{112}^{(11)} + 4m_{011}^{(20)}m_{111}^{(10)}m_{211}^{(21)} + 4m_{011}^{(20)}m_{111}^{(10)}m_{121}^{(20)}\\
&-8m_{011}^{(20)}m_{111}^{(10)}m_{112}^{(10)} - 4m_{011}^{(20)}m_{111}^{(11)}m_{211}^{(20)} + 4m_{011}^{(20)}m_{111}^{(11)}m_{112}^{(00)} - 4m_{011}^{(20)}m_{111}^{(20)}m_{211}^{(11)}\\
&+4m_{011}^{(20)}m_{111}^{(20)}m_{121}^{(10)} + 4m_{011}^{(20)}m_{111}^{(21)}m_{211}^{(10)} - 4m_{011}^{(20)}m_{111}^{(21)}m_{121}^{(00)} - 2m_{011}^{(20)}m_{030}^{(00)}m_{211}^{(22)}\\
&+2m_{011}^{(20)}m_{030}^{(00)}m_{202}^{(21)} + 2m_{011}^{(20)}m_{030}^{(10)}m_{301}^{(22)} - 2m_{011}^{(20)}m_{030}^{(10)}m_{202}^{(20)} - 2m_{011}^{(20)}m_{030}^{(20)}m_{301}^{(21)}\\
&+4m_{011}^{(20)}m_{030}^{(20)}m_{211}^{(20)} - 2m_{011}^{(20)}m_{030}^{(20)}m_{202}^{(10)} - 2m_{011}^{(20)}m_{030}^{(21)}m_{301}^{(20)} + 2m_{011}^{(20)}m_{030}^{(21)}m_{202}^{(00)}\\
&+2m_{011}^{(20)}m_{030}^{(22)}m_{301}^{(10)} - 2m_{011}^{(20)}m_{030}^{(22)}m_{211}^{(00)} + 2m_{011}^{(20)}m_{021}^{(00)}m_{211}^{(21)} - 2m_{011}^{(20)}m_{021}^{(00)}m_{202}^{(11)}\\
&-2m_{011}^{(20)}m_{021}^{(10)}m_{301}^{(21)} - 2m_{011}^{(20)}m_{021}^{(10)}m_{211}^{(20)} + 4m_{011}^{(20)}m_{021}^{(10)}m_{202}^{(10)} + 2m_{011}^{(20)}m_{021}^{(11)}m_{301}^{(20)}\\
&-2m_{011}^{(20)}m_{021}^{(11)}m_{202}^{(00)} + 2m_{011}^{(20)}m_{021}^{(20)}m_{301}^{(11)} - 2m_{011}^{(20)}m_{021}^{(20)}m_{211}^{(10)} - 2m_{011}^{(20)}m_{021}^{(21)}m_{301}^{(10)}\\
&+2m_{011}^{(20)}m_{021}^{(21)}m_{211}^{(00)} - m_{011}^{(22)}m_{300}^{(10)}m_{130}^{(22)} + m_{011}^{(22)}m_{300}^{(10)}m_{121}^{(21)} + m_{011}^{(22)}m_{300}^{(11)}m_{220}^{(22)}\\
&-m_{011}^{(22)}m_{300}^{(11)}m_{121}^{(20)} + m_{011}^{(22)}m_{300}^{(20)}m_{130}^{(21)} - m_{011}^{(22)}m_{300}^{(20)}m_{121}^{(11)} - 2m_{011}^{(22)}m_{300}^{(21)}m_{220}^{(21)}\\
&+m_{011}^{(22)}m_{300}^{(21)}m_{130}^{(20)} + m_{011}^{(22)}m_{300}^{(21)}m_{121}^{(10)} + m_{011}^{(22)}m_{300}^{(22)}m_{220}^{(11)} - m_{011}^{(22)}m_{300}^{(22)}m_{130}^{(10)}\\
&+m_{011}^{(22)}m_{210}^{(00)}m_{130}^{(22)} - m_{011}^{(22)}m_{210}^{(00)}m_{121}^{(21)} + m_{011}^{(22)}m_{210}^{(10)}m_{220}^{(22)} - 2m_{011}^{(22)}m_{210}^{(10)}m_{211}^{(21)}\\
&+m_{011}^{(22)}m_{210}^{(10)}m_{121}^{(20)} - 2m_{011}^{(22)}m_{210}^{(11)}m_{310}^{(22)} + 2m_{011}^{(22)}m_{210}^{(11)}m_{211}^{(20)} - m_{011}^{(22)}m_{210}^{(20)}m_{220}^{(21)}\\
&+2m_{011}^{(22)}m_{210}^{(20)}m_{211}^{(11)} - 2m_{011}^{(22)}m_{210}^{(20)}m_{130}^{(20)} + m_{011}^{(22)}m_{210}^{(20)}m_{121}^{(10)} + 4m_{011}^{(22)}m_{210}^{(21)}m_{310}^{(21)}\\
&-m_{011}^{(22)}m_{210}^{(21)}m_{220}^{(20)} - 2m_{011}^{(22)}m_{210}^{(21)}m_{211}^{(10)} - m_{011}^{(22)}m_{210}^{(21)}m_{121}^{(00)} - 2m_{011}^{(22)}m_{210}^{(22)}m_{310}^{(11)}\\
&+m_{011}^{(22)}m_{210}^{(22)}m_{220}^{(10)} + m_{011}^{(22)}m_{210}^{(22)}m_{130}^{(00)} - m_{011}^{(22)}m_{201}^{(00)}m_{130}^{(21)} + m_{011}^{(22)}m_{201}^{(00)}m_{121}^{(11)}\\
&+m_{011}^{(22)}m_{201}^{(10)}m_{220}^{(21)} + m_{011}^{(22)}m_{201}^{(10)}m_{130}^{(20)} - 2m_{011}^{(22)}m_{201}^{(10)}m_{121}^{(10)} - m_{011}^{(22)}m_{201}^{(11)}m_{220}^{(20)}\\
&+m_{011}^{(22)}m_{201}^{(11)}m_{121}^{(00)} - m_{011}^{(22)}m_{201}^{(20)}m_{220}^{(11)} + m_{011}^{(22)}m_{201}^{(20)}m_{130}^{(10)} + m_{011}^{(22)}m_{201}^{(21)}m_{220}^{(10)}\\
&-m_{011}^{(22)}m_{201}^{(21)}m_{130}^{(00)} - 2m_{011}^{(22)}m_{120}^{(00)}m_{220}^{(22)} + 2m_{011}^{(22)}m_{120}^{(00)}m_{211}^{(21)} + m_{011}^{(22)}m_{120}^{(10)}m_{310}^{(22)}\\
&+m_{011}^{(22)}m_{120}^{(10)}m_{301}^{(21)} - 2m_{011}^{(22)}m_{120}^{(10)}m_{211}^{(20)} + m_{011}^{(22)}m_{120}^{(11)}m_{400}^{(22)} - m_{011}^{(22)}m_{120}^{(11)}m_{301}^{(20)}\\
&-m_{011}^{(22)}m_{120}^{(20)}m_{310}^{(21)} - m_{011}^{(22)}m_{120}^{(20)}m_{301}^{(11)} + 4m_{011}^{(22)}m_{120}^{(20)}m_{220}^{(20)} - 2m_{011}^{(22)}m_{120}^{(20)}m_{211}^{(10)}\\
&-2m_{011}^{(22)}m_{120}^{(21)}m_{400}^{(21)} - m_{011}^{(22)}m_{120}^{(21)}m_{310}^{(20)} + m_{011}^{(22)}m_{120}^{(21)}m_{301}^{(10)} + 2m_{011}^{(22)}m_{120}^{(21)}m_{211}^{(00)}\\
&+m_{011}^{(22)}m_{120}^{(22)}m_{400}^{(11)} + m_{011}^{(22)}m_{120}^{(22)}m_{310}^{(10)} - 2m_{011}^{(22)}m_{120}^{(22)}m_{220}^{(00)} + 2m_{011}^{(22)}m_{111}^{(00)}m_{220}^{(21)}\\
&-2m_{011}^{(22)}m_{111}^{(00)}m_{211}^{(11)} - 2m_{011}^{(22)}m_{111}^{(10)}m_{310}^{(21)} - 2m_{011}^{(22)}m_{111}^{(10)}m_{220}^{(20)} + 4m_{011}^{(22)}m_{111}^{(10)}m_{211}^{(10)}\\
&+2m_{011}^{(22)}m_{111}^{(11)}m_{310}^{(20)} - 2m_{011}^{(22)}m_{111}^{(11)}m_{211}^{(00)} + 2m_{011}^{(22)}m_{111}^{(20)}m_{310}^{(11)} - 2m_{011}^{(22)}m_{111}^{(20)}m_{220}^{(10)}\\
&-2m_{011}^{(22)}m_{111}^{(21)}m_{310}^{(10)} + 2m_{011}^{(22)}m_{111}^{(21)}m_{220}^{(00)} + m_{011}^{(22)}m_{030}^{(00)}m_{310}^{(22)} - m_{011}^{(22)}m_{030}^{(00)}m_{301}^{(21)}\\
&-m_{011}^{(22)}m_{030}^{(10)}m_{400}^{(22)} + m_{011}^{(22)}m_{030}^{(10)}m_{301}^{(20)} + m_{011}^{(22)}m_{030}^{(20)}m_{400}^{(21)} - 2m_{011}^{(22)}m_{030}^{(20)}m_{310}^{(20)}\\
&+m_{011}^{(22)}m_{030}^{(20)}m_{301}^{(10)} + m_{011}^{(22)}m_{030}^{(21)}m_{400}^{(20)} - m_{011}^{(22)}m_{030}^{(21)}m_{301}^{(00)} - m_{011}^{(22)}m_{030}^{(22)}m_{400}^{(10)}\\
&+m_{011}^{(22)}m_{030}^{(22)}m_{310}^{(00)} - m_{011}^{(22)}m_{021}^{(00)}m_{310}^{(21)} + m_{011}^{(22)}m_{021}^{(00)}m_{301}^{(11)} + m_{011}^{(22)}m_{021}^{(10)}m_{400}^{(21)}\\
&+m_{011}^{(22)}m_{021}^{(10)}m_{310}^{(20)} - 2m_{011}^{(22)}m_{021}^{(10)}m_{301}^{(10)} - m_{011}^{(22)}m_{021}^{(11)}m_{400}^{(20)} + m_{011}^{(22)}m_{021}^{(11)}m_{301}^{(00)}\\
&-m_{011}^{(22)}m_{021}^{(20)}m_{400}^{(11)} + m_{011}^{(22)}m_{021}^{(20)}m_{310}^{(10)} + m_{011}^{(22)}m_{021}^{(21)}m_{400}^{(10)} - m_{011}^{(22)}m_{021}^{(21)}m_{310}^{(00)}\\
&-m_{002}^{(00)}m_{210}^{(10)}m_{031}^{(22)} + m_{002}^{(00)}m_{210}^{(10)}m_{022}^{(21)} + m_{002}^{(00)}m_{210}^{(11)}m_{121}^{(22)} - m_{002}^{(00)}m_{210}^{(11)}m_{022}^{(20)}\\
&+m_{002}^{(00)}m_{210}^{(20)}m_{031}^{(21)} - m_{002}^{(00)}m_{210}^{(20)}m_{022}^{(11)} - 2m_{002}^{(00)}m_{210}^{(21)}m_{121}^{(21)} + m_{002}^{(00)}m_{210}^{(21)}m_{031}^{(20)}\\
&+m_{002}^{(00)}m_{210}^{(21)}m_{022}^{(10)} + m_{002}^{(00)}m_{210}^{(22)}m_{121}^{(11)} - m_{002}^{(00)}m_{210}^{(22)}m_{031}^{(10)} + m_{002}^{(00)}m_{201}^{(10)}m_{040}^{(22)}
\end{aligned}
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\begin{aligned}
&-m_{002}^{(00)}m_{201}^{(10)}m_{031}^{(21)} - m_{002}^{(00)}m_{201}^{(11)}m_{130}^{(22)} + m_{002}^{(00)}m_{201}^{(11)}m_{031}^{(20)} - m_{002}^{(00)}m_{201}^{(20)}m_{040}^{(21)}\\
&+m_{002}^{(00)}m_{201}^{(20)}m_{031}^{(11)} + 2m_{002}^{(00)}m_{201}^{(21)}m_{130}^{(21)} - m_{002}^{(00)}m_{201}^{(21)}m_{040}^{(20)} - m_{002}^{(00)}m_{201}^{(21)}m_{031}^{(10)}\\
&-m_{002}^{(00)}m_{201}^{(22)}m_{130}^{(11)} + m_{002}^{(00)}m_{201}^{(22)}m_{040}^{(10)} + m_{002}^{(00)}m_{120}^{(00)}m_{031}^{(22)} - m_{002}^{(00)}m_{120}^{(00)}m_{022}^{(21)}\\
&-m_{002}^{(00)}m_{120}^{(10)}m_{112}^{(21)} + m_{002}^{(00)}m_{120}^{(10)}m_{022}^{(20)} - m_{002}^{(00)}m_{120}^{(11)}m_{211}^{(22)} + m_{002}^{(00)}m_{120}^{(11)}m_{112}^{(20)}\\
&+m_{002}^{(00)}m_{120}^{(20)}m_{112}^{(11)} - 2m_{002}^{(00)}m_{120}^{(20)}m_{031}^{(20)} + m_{002}^{(00)}m_{120}^{(20)}m_{022}^{(10)} + 2m_{002}^{(00)}m_{120}^{(21)}m_{211}^{(21)}\\
&-m_{002}^{(00)}m_{120}^{(21)}m_{112}^{(10)} - m_{002}^{(00)}m_{120}^{(21)}m_{022}^{(00)} - m_{002}^{(00)}m_{120}^{(22)}m_{211}^{(11)} + m_{002}^{(00)}m_{120}^{(22)}m_{031}^{(00)}\\
&-m_{002}^{(00)}m_{111}^{(00)}m_{040}^{(22)} + m_{002}^{(00)}m_{111}^{(00)}m_{022}^{(11)} + 2m_{002}^{(00)}m_{111}^{(10)}m_{121}^{(21)} - 2m_{002}^{(00)}m_{111}^{(10)}m_{022}^{(10)}\\
&+m_{002}^{(00)}m_{111}^{(11)}m_{220}^{(22)} - 2m_{002}^{(00)}m_{111}^{(11)}m_{121}^{(20)} + m_{002}^{(00)}m_{111}^{(11)}m_{022}^{(00)} - 2m_{002}^{(00)}m_{111}^{(20)}m_{121}^{(11)}\\
&+2m_{002}^{(00)}m_{111}^{(20)}m_{040}^{(20)} - 2m_{002}^{(00)}m_{111}^{(21)}m_{220}^{(21)} + 2m_{002}^{(00)}m_{111}^{(21)}m_{121}^{(10)} + m_{002}^{(00)}m_{111}^{(22)}m_{220}^{(11)}\\
&-m_{002}^{(00)}m_{111}^{(22)}m_{040}^{(00)} + m_{002}^{(00)}m_{102}^{(00)}m_{040}^{(21)} - m_{002}^{(00)}m_{102}^{(00)}m_{031}^{(11)} - m_{002}^{(00)}m_{102}^{(10)}m_{130}^{(21)}\\
&-m_{002}^{(00)}m_{102}^{(10)}m_{040}^{(20)} + 2m_{002}^{(00)}m_{102}^{(10)}m_{031}^{(10)} + m_{002}^{(00)}m_{102}^{(11)}m_{130}^{(20)} - m_{002}^{(00)}m_{102}^{(11)}m_{031}^{(00)}\\
&+m_{002}^{(00)}m_{102}^{(20)}m_{130}^{(11)} - m_{002}^{(00)}m_{102}^{(20)}m_{040}^{(10)} - m_{002}^{(00)}m_{102}^{(21)}m_{130}^{(10)} + m_{002}^{(00)}m_{102}^{(21)}m_{040}^{(00)}\\
&-m_{002}^{(00)}m_{030}^{(00)}m_{121}^{(22)} + m_{002}^{(00)}m_{030}^{(00)}m_{112}^{(21)} + m_{002}^{(00)}m_{030}^{(10)}m_{211}^{(22)} - m_{002}^{(00)}m_{030}^{(10)}m_{112}^{(20)}\\
&-m_{002}^{(00)}m_{030}^{(20)}m_{211}^{(21)} + 2m_{002}^{(00)}m_{030}^{(20)}m_{121}^{(20)} - m_{002}^{(00)}m_{030}^{(20)}m_{112}^{(10)} - m_{002}^{(00)}m_{030}^{(21)}m_{211}^{(20)}\\
&+m_{002}^{(00)}m_{030}^{(21)}m_{112}^{(00)} + m_{002}^{(00)}m_{030}^{(22)}m_{211}^{(10)} - m_{002}^{(00)}m_{030}^{(22)}m_{121}^{(00)} + m_{002}^{(00)}m_{021}^{(00)}m_{130}^{(22)}\\
&-m_{002}^{(00)}m_{021}^{(00)}m_{112}^{(11)} - m_{002}^{(00)}m_{021}^{(10)}m_{220}^{(22)} - m_{002}^{(00)}m_{021}^{(10)}m_{211}^{(21)} + 2m_{002}^{(00)}m_{021}^{(10)}m_{112}^{(10)}\\
&+m_{002}^{(00)}m_{021}^{(11)}m_{211}^{(20)} - m_{002}^{(00)}m_{021}^{(11)}m_{112}^{(00)} + m_{002}^{(00)}m_{021}^{(20)}m_{220}^{(21)} + m_{002}^{(00)}m_{021}^{(20)}m_{211}^{(11)}\\
&-2m_{002}^{(00)}m_{021}^{(20)}m_{130}^{(20)} + m_{002}^{(00)}m_{021}^{(21)}m_{220}^{(20)} - m_{002}^{(00)}m_{021}^{(21)}m_{211}^{(10)} - m_{002}^{(00)}m_{021}^{(22)}m_{220}^{(10)}\\
&+m_{002}^{(00)}m_{021}^{(22)}m_{130}^{(00)} - m_{002}^{(00)}m_{012}^{(00)}m_{130}^{(21)} + m_{002}^{(00)}m_{012}^{(00)}m_{121}^{(11)} + m_{002}^{(00)}m_{012}^{(10)}m_{220}^{(21)}\\
&+m_{002}^{(00)}m_{012}^{(10)}m_{130}^{(20)} - 2m_{002}^{(00)}m_{012}^{(10)}m_{121}^{(10)} - m_{002}^{(00)}m_{012}^{(11)}m_{220}^{(20)} + m_{002}^{(00)}m_{012}^{(11)}m_{121}^{(00)}\\
&-m_{002}^{(00)}m_{012}^{(20)}m_{220}^{(11)} + m_{002}^{(00)}m_{012}^{(20)}m_{130}^{(10)} + m_{002}^{(00)}m_{012}^{(21)}m_{220}^{(10)} - m_{002}^{(00)}m_{012}^{(21)}m_{130}^{(00)}\\
&+m_{002}^{(10)}m_{300}^{(10)}m_{031}^{(22)} - m_{002}^{(10)}m_{300}^{(10)}m_{022}^{(21)} - m_{002}^{(10)}m_{300}^{(11)}m_{121}^{(22)} + m_{002}^{(10)}m_{300}^{(11)}m_{022}^{(20)}\\
&-m_{002}^{(10)}m_{300}^{(20)}m_{031}^{(21)} + m_{002}^{(10)}m_{300}^{(20)}m_{022}^{(11)} + 2m_{002}^{(10)}m_{300}^{(21)}m_{121}^{(21)} - m_{002}^{(10)}m_{300}^{(21)}m_{031}^{(20)}\\
&-m_{002}^{(10)}m_{300}^{(21)}m_{022}^{(10)} - m_{002}^{(10)}m_{300}^{(22)}m_{121}^{(11)} + m_{002}^{(10)}m_{300}^{(22)}m_{031}^{(10)} - m_{002}^{(10)}m_{210}^{(00)}m_{031}^{(22)}\\
&+m_{002}^{(10)}m_{210}^{(00)}m_{022}^{(21)} + m_{002}^{(10)}m_{210}^{(10)}m_{121}^{(22)} - m_{002}^{(10)}m_{210}^{(10)}m_{022}^{(20)} - m_{002}^{(10)}m_{210}^{(20)}m_{121}^{(21)}\\
&+2m_{002}^{(10)}m_{210}^{(20)}m_{031}^{(20)} - m_{002}^{(10)}m_{210}^{(20)}m_{022}^{(10)} - m_{002}^{(10)}m_{210}^{(21)}m_{121}^{(20)} + m_{002}^{(10)}m_{210}^{(21)}m_{022}^{(00)}\\
&+m_{002}^{(10)}m_{210}^{(22)}m_{121}^{(10)} - m_{002}^{(10)}m_{210}^{(22)}m_{031}^{(00)} + m_{002}^{(10)}m_{201}^{(00)}m_{031}^{(21)} - m_{002}^{(10)}m_{201}^{(00)}m_{022}^{(11)}\\
&-2m_{002}^{(10)}m_{201}^{(10)}m_{130}^{(22)} + m_{002}^{(10)}m_{201}^{(10)}m_{121}^{(21)} - m_{002}^{(10)}m_{201}^{(10)}m_{031}^{(20)} + 2m_{002}^{(10)}m_{201}^{(10)}m_{022}^{(10)}\\
&+2m_{002}^{(10)}m_{201}^{(11)}m_{220}^{(22)} - m_{002}^{(10)}m_{201}^{(11)}m_{121}^{(20)} - m_{002}^{(10)}m_{201}^{(11)}m_{022}^{(00)} + 2m_{002}^{(10)}m_{201}^{(20)}m_{130}^{(21)}\\
&-m_{002}^{(10)}m_{201}^{(20)}m_{121}^{(11)} - m_{002}^{(10)}m_{201}^{(20)}m_{031}^{(10)} - 4m_{002}^{(10)}m_{201}^{(21)}m_{220}^{(21)} + 2m_{002}^{(10)}m_{201}^{(21)}m_{130}^{(20)}\\
&+m_{002}^{(10)}m_{201}^{(21)}m_{121}^{(10)} + m_{002}^{(10)}m_{201}^{(21)}m_{031}^{(00)} + 2m_{002}^{(10)}m_{201}^{(22)}m_{220}^{(11)} - 2m_{002}^{(10)}m_{201}^{(22)}m_{130}^{(10)}\\
&-m_{002}^{(10)}m_{120}^{(10)}m_{211}^{(22)} + m_{002}^{(10)}m_{120}^{(10)}m_{202}^{(21)} + m_{002}^{(10)}m_{120}^{(11)}m_{301}^{(22)} - m_{002}^{(10)}m_{120}^{(11)}m_{202}^{(20)}\\
&+m_{002}^{(10)}m_{120}^{(20)}m_{211}^{(21)} - m_{002}^{(10)}m_{120}^{(20)}m_{202}^{(11)} - 2m_{002}^{(10)}m_{120}^{(21)}m_{301}^{(21)} + m_{002}^{(10)}m_{120}^{(21)}m_{211}^{(20)}\\
&+m_{002}^{(10)}m_{120}^{(21)}m_{202}^{(10)} + m_{002}^{(10)}m_{120}^{(22)}m_{301}^{(11)} - m_{002}^{(10)}m_{120}^{(22)}m_{211}^{(10)} + 2m_{002}^{(10)}m_{111}^{(00)}m_{130}^{(22)}\\
&-2m_{002}^{(10)}m_{111}^{(00)}m_{121}^{(21)} - 2m_{002}^{(10)}m_{111}^{(10)}m_{211}^{(21)} + 2m_{002}^{(10)}m_{111}^{(10)}m_{121}^{(20)} - 2m_{002}^{(10)}m_{111}^{(11)}m_{310}^{(22)}\\
&+2m_{002}^{(10)}m_{111}^{(11)}m_{211}^{(20)} + 2m_{002}^{(10)}m_{111}^{(20)}m_{211}^{(11)} - 4m_{002}^{(10)}m_{111}^{(20)}m_{130}^{(20)} + 2m_{002}^{(10)}m_{111}^{(20)}m_{121}^{(10)}\\
&+4m_{002}^{(10)}m_{111}^{(21)}m_{310}^{(21)} - 2m_{002}^{(10)}m_{111}^{(21)}m_{211}^{(10)} - 2m_{002}^{(10)}m_{111}^{(21)}m_{121}^{(00)} - 2m_{002}^{(10)}m_{111}^{(22)}m_{310}^{(11)}\\
&+2m_{002}^{(10)}m_{111}^{(22)}m_{130}^{(00)} - 2m_{002}^{(10)}m_{102}^{(00)}m_{130}^{(21)} + 2m_{002}^{(10)}m_{102}^{(00)}m_{121}^{(11)} + 2m_{002}^{(10)}m_{102}^{(10)}m_{220}^{(21)}
\end{aligned}
$$

$$+2m_{002}^{(10)}m_{102}^{(10)}m_{130}^{(20)} - 4m_{002}^{(10)}m_{102}^{(10)}m_{121}^{(10)} - 2m_{002}^{(10)}m_{102}^{(11)}m_{220}^{(20)} + 2m_{002}^{(10)}m_{102}^{(11)}m_{121}^{(00)}$$
$$-2m_{002}^{(10)}m_{102}^{(20)}m_{220}^{(11)} + 2m_{002}^{(10)}m_{102}^{(20)}m_{130}^{(10)} + 2m_{002}^{(10)}m_{102}^{(21)}m_{220}^{(10)} - 2m_{002}^{(10)}m_{102}^{(21)}m_{130}^{(00)}$$
$$+m_{002}^{(10)}m_{030}^{(00)}m_{211}^{(22)} - m_{002}^{(10)}m_{030}^{(00)}m_{202}^{(21)} - m_{002}^{(10)}m_{030}^{(10)}m_{301}^{(22)} + m_{002}^{(10)}m_{030}^{(10)}m_{202}^{(20)}$$
$$+m_{002}^{(10)}m_{030}^{(20)}m_{301}^{(21)} - 2m_{002}^{(10)}m_{030}^{(20)}m_{211}^{(20)} + m_{002}^{(10)}m_{030}^{(20)}m_{202}^{(10)} + m_{002}^{(10)}m_{030}^{(21)}m_{301}^{(20)}$$
$$-m_{002}^{(10)}m_{030}^{(21)}m_{202}^{(00)} - m_{002}^{(10)}m_{030}^{(22)}m_{301}^{(10)} + m_{002}^{(10)}m_{030}^{(22)}m_{211}^{(00)} - 2m_{002}^{(10)}m_{021}^{(00)}m_{220}^{(22)}$$
$$+m_{002}^{(10)}m_{021}^{(00)}m_{211}^{(21)} + m_{002}^{(10)}m_{021}^{(00)}m_{202}^{(11)} + 2m_{002}^{(10)}m_{021}^{(10)}m_{310}^{(22)} + m_{002}^{(10)}m_{021}^{(10)}m_{301}^{(21)}$$
$$-m_{002}^{(10)}m_{021}^{(10)}m_{211}^{(20)} - 2m_{002}^{(10)}m_{021}^{(10)}m_{202}^{(10)} - m_{002}^{(10)}m_{021}^{(11)}m_{301}^{(20)} + m_{002}^{(10)}m_{021}^{(11)}m_{202}^{(00)}$$
$$-2m_{002}^{(10)}m_{021}^{(20)}m_{310}^{(21)} - m_{002}^{(10)}m_{021}^{(20)}m_{301}^{(11)} + 4m_{002}^{(10)}m_{021}^{(20)}m_{220}^{(20)} - m_{002}^{(10)}m_{021}^{(20)}m_{211}^{(10)}$$
$$-2m_{002}^{(10)}m_{021}^{(21)}m_{310}^{(20)} + m_{002}^{(10)}m_{021}^{(21)}m_{301}^{(10)} + m_{002}^{(10)}m_{021}^{(21)}m_{211}^{(00)} + 2m_{002}^{(10)}m_{021}^{(22)}m_{310}^{(10)}$$
$$-2m_{002}^{(10)}m_{021}^{(22)}m_{220}^{(00)} + 2m_{002}^{(10)}m_{012}^{(00)}m_{220}^{(21)} - 2m_{002}^{(10)}m_{012}^{(00)}m_{211}^{(11)} - 2m_{002}^{(10)}m_{012}^{(10)}m_{310}^{(21)}$$
$$-2m_{002}^{(10)}m_{012}^{(10)}m_{220}^{(20)} + 4m_{002}^{(10)}m_{012}^{(10)}m_{211}^{(10)} + 2m_{002}^{(10)}m_{012}^{(11)}m_{310}^{(20)} - 2m_{002}^{(10)}m_{012}^{(11)}m_{211}^{(00)}$$
$$+2m_{002}^{(10)}m_{012}^{(20)}m_{310}^{(11)} - 2m_{002}^{(10)}m_{012}^{(20)}m_{220}^{(10)} - 2m_{002}^{(10)}m_{012}^{(21)}m_{310}^{(10)} + 2m_{002}^{(10)}m_{012}^{(21)}m_{220}^{(00)}$$
$$-m_{002}^{(11)}m_{300}^{(10)}m_{121}^{(22)} + m_{002}^{(11)}m_{300}^{(10)}m_{112}^{(21)} + m_{002}^{(11)}m_{300}^{(11)}m_{211}^{(22)} - m_{002}^{(11)}m_{300}^{(11)}m_{112}^{(20)}$$
$$+m_{002}^{(11)}m_{300}^{(20)}m_{121}^{(21)} - m_{002}^{(11)}m_{300}^{(20)}m_{112}^{(11)} - 2m_{002}^{(11)}m_{300}^{(21)}m_{211}^{(21)} + m_{002}^{(11)}m_{300}^{(21)}m_{121}^{(20)}$$
$$+m_{002}^{(11)}m_{300}^{(21)}m_{112}^{(10)} + m_{002}^{(11)}m_{300}^{(22)}m_{211}^{(11)} - m_{002}^{(11)}m_{300}^{(22)}m_{121}^{(10)} + m_{002}^{(11)}m_{210}^{(00)}m_{121}^{(22)}$$
$$-m_{002}^{(11)}m_{210}^{(00)}m_{112}^{(21)} - m_{002}^{(11)}m_{210}^{(10)}m_{202}^{(21)} + m_{002}^{(11)}m_{210}^{(10)}m_{112}^{(20)} - m_{002}^{(11)}m_{210}^{(11)}m_{301}^{(22)}$$
$$+m_{002}^{(11)}m_{210}^{(11)}m_{202}^{(20)} + m_{002}^{(11)}m_{210}^{(20)}m_{202}^{(11)} - 2m_{002}^{(11)}m_{210}^{(20)}m_{121}^{(20)} + m_{002}^{(11)}m_{210}^{(20)}m_{112}^{(10)}$$
$$+2m_{002}^{(11)}m_{210}^{(21)}m_{301}^{(21)} - m_{002}^{(11)}m_{210}^{(21)}m_{202}^{(10)} - m_{002}^{(11)}m_{210}^{(21)}m_{112}^{(00)} - m_{002}^{(11)}m_{210}^{(22)}m_{301}^{(11)}$$
$$+m_{002}^{(11)}m_{210}^{(22)}m_{121}^{(00)} - m_{002}^{(11)}m_{201}^{(00)}m_{121}^{(21)} + m_{002}^{(11)}m_{201}^{(00)}m_{112}^{(11)} + m_{002}^{(11)}m_{201}^{(10)}m_{220}^{(22)}$$
$$+m_{002}^{(11)}m_{201}^{(10)}m_{121}^{(20)} - 2m_{002}^{(11)}m_{201}^{(10)}m_{112}^{(10)} - m_{002}^{(11)}m_{201}^{(11)}m_{310}^{(22)} + m_{002}^{(11)}m_{201}^{(11)}m_{112}^{(00)}$$
$$-m_{002}^{(11)}m_{201}^{(20)}m_{220}^{(21)} + m_{002}^{(11)}m_{201}^{(20)}m_{121}^{(10)} + 2m_{002}^{(11)}m_{201}^{(21)}m_{310}^{(21)} - m_{002}^{(11)}m_{201}^{(21)}m_{220}^{(20)}$$
$$-m_{002}^{(11)}m_{201}^{(21)}m_{121}^{(00)} - m_{002}^{(11)}m_{201}^{(22)}m_{310}^{(11)} + m_{002}^{(11)}m_{201}^{(22)}m_{220}^{(10)} - m_{002}^{(11)}m_{120}^{(00)}m_{211}^{(22)}$$
$$+m_{002}^{(11)}m_{120}^{(00)}m_{202}^{(21)} + m_{002}^{(11)}m_{120}^{(10)}m_{301}^{(22)} - m_{002}^{(11)}m_{120}^{(10)}m_{202}^{(20)} - m_{002}^{(11)}m_{120}^{(20)}m_{301}^{(21)}$$
$$+2m_{002}^{(11)}m_{120}^{(20)}m_{211}^{(20)} - m_{002}^{(11)}m_{120}^{(20)}m_{202}^{(10)} - m_{002}^{(11)}m_{120}^{(21)}m_{301}^{(20)} + m_{002}^{(11)}m_{120}^{(21)}m_{202}^{(00)}$$
$$+m_{002}^{(11)}m_{120}^{(22)}m_{301}^{(10)} - m_{002}^{(11)}m_{120}^{(22)}m_{211}^{(00)} - m_{002}^{(11)}m_{111}^{(00)}m_{220}^{(22)} + 2m_{002}^{(11)}m_{111}^{(00)}m_{211}^{(21)}$$
$$-m_{002}^{(11)}m_{111}^{(00)}m_{202}^{(11)} - 2m_{002}^{(11)}m_{111}^{(10)}m_{211}^{(20)} + 2m_{002}^{(11)}m_{111}^{(10)}m_{202}^{(10)} + m_{002}^{(11)}m_{111}^{(11)}m_{400}^{(22)}$$
$$-m_{002}^{(11)}m_{111}^{(11)}m_{202}^{(00)} + 2m_{002}^{(11)}m_{111}^{(20)}m_{220}^{(20)} - 2m_{002}^{(11)}m_{111}^{(20)}m_{211}^{(10)} - 2m_{002}^{(11)}m_{111}^{(21)}m_{400}^{(21)}$$
$$+2m_{002}^{(11)}m_{111}^{(21)}m_{211}^{(00)} + m_{002}^{(11)}m_{111}^{(22)}m_{400}^{(11)} - m_{002}^{(11)}m_{111}^{(22)}m_{220}^{(00)} + m_{002}^{(11)}m_{102}^{(00)}m_{220}^{(21)}$$
$$-m_{002}^{(11)}m_{102}^{(00)}m_{211}^{(11)} - m_{002}^{(11)}m_{102}^{(10)}m_{310}^{(21)} - m_{002}^{(11)}m_{102}^{(10)}m_{220}^{(20)} + 2m_{002}^{(11)}m_{102}^{(10)}m_{211}^{(10)}$$
$$+m_{002}^{(11)}m_{102}^{(11)}m_{310}^{(20)} - m_{002}^{(11)}m_{102}^{(11)}m_{211}^{(00)} + m_{002}^{(11)}m_{102}^{(20)}m_{310}^{(11)} - m_{002}^{(11)}m_{102}^{(20)}m_{220}^{(10)}$$
$$-m_{002}^{(11)}m_{102}^{(21)}m_{310}^{(10)} + m_{002}^{(11)}m_{102}^{(21)}m_{220}^{(00)} + m_{002}^{(11)}m_{021}^{(00)}m_{310}^{(22)} - m_{002}^{(11)}m_{021}^{(00)}m_{301}^{(21)}$$
$$-m_{002}^{(11)}m_{021}^{(10)}m_{400}^{(22)} + m_{002}^{(11)}m_{021}^{(10)}m_{301}^{(20)} + m_{002}^{(11)}m_{021}^{(20)}m_{400}^{(21)} - 2m_{002}^{(11)}m_{021}^{(20)}m_{310}^{(20)}$$
$$+m_{002}^{(11)}m_{021}^{(20)}m_{301}^{(10)} + m_{002}^{(11)}m_{021}^{(21)}m_{400}^{(20)} - m_{002}^{(11)}m_{021}^{(21)}m_{301}^{(00)} - m_{002}^{(11)}m_{021}^{(22)}m_{400}^{(10)}$$
$$+m_{002}^{(11)}m_{021}^{(22)}m_{310}^{(00)} - m_{002}^{(11)}m_{012}^{(00)}m_{310}^{(21)} + m_{002}^{(11)}m_{012}^{(00)}m_{301}^{(11)} + m_{002}^{(11)}m_{012}^{(10)}m_{400}^{(21)}$$
$$+m_{002}^{(11)}m_{012}^{(10)}m_{310}^{(20)} - 2m_{002}^{(11)}m_{012}^{(10)}m_{301}^{(10)} - m_{002}^{(11)}m_{012}^{(11)}m_{400}^{(20)} + m_{002}^{(11)}m_{012}^{(11)}m_{301}^{(00)}$$
$$-m_{002}^{(11)}m_{012}^{(20)}m_{400}^{(11)} + m_{002}^{(11)}m_{012}^{(20)}m_{310}^{(10)} + m_{002}^{(11)}m_{012}^{(21)}m_{400}^{(10)} - m_{002}^{(11)}m_{012}^{(21)}m_{310}^{(00)}$$
$$-m_{002}^{(20)}m_{300}^{(10)}m_{040}^{(22)} + m_{002}^{(20)}m_{300}^{(10)}m_{031}^{(21)} + m_{002}^{(20)}m_{300}^{(11)}m_{130}^{(22)} - m_{002}^{(20)}m_{300}^{(11)}m_{031}^{(20)}$$
$$+m_{002}^{(20)}m_{300}^{(20)}m_{040}^{(21)} - m_{002}^{(20)}m_{300}^{(20)}m_{031}^{(11)} - 2m_{002}^{(20)}m_{300}^{(21)}m_{130}^{(21)} + m_{002}^{(20)}m_{300}^{(21)}m_{040}^{(20)}$$

$$+m_{002}^{(20)}m_{300}^{(21)}m_{031}^{(10)}+m_{002}^{(20)}m_{300}^{(22)}m_{130}^{(11)}-m_{002}^{(20)}m_{300}^{(22)}m_{040}^{(10)}+m_{002}^{(20)}m_{210}^{(00)}m_{040}^{(22)}$$
$$-m_{002}^{(20)}m_{210}^{(00)}m_{031}^{(21)}+m_{002}^{(20)}m_{210}^{(10)}m_{130}^{(22)}-2m_{002}^{(20)}m_{210}^{(10)}m_{121}^{(21)}+m_{002}^{(20)}m_{210}^{(10)}m_{031}^{(20)}$$
$$-2m_{002}^{(20)}m_{210}^{(11)}m_{220}^{(22)}+2m_{002}^{(20)}m_{210}^{(11)}m_{121}^{(20)}-m_{002}^{(20)}m_{210}^{(20)}m_{130}^{(21)}+2m_{002}^{(20)}m_{210}^{(20)}m_{121}^{(11)}$$
$$-2m_{002}^{(20)}m_{210}^{(20)}m_{040}^{(20)}+m_{002}^{(20)}m_{210}^{(20)}m_{031}^{(10)}+4m_{002}^{(20)}m_{210}^{(21)}m_{220}^{(21)}-m_{002}^{(20)}m_{210}^{(21)}m_{130}^{(20)}$$
$$-2m_{002}^{(20)}m_{210}^{(21)}m_{121}^{(10)}-m_{002}^{(20)}m_{210}^{(21)}m_{031}^{(00)}-2m_{002}^{(20)}m_{210}^{(22)}m_{220}^{(11)}+m_{002}^{(20)}m_{210}^{(22)}m_{130}^{(10)}$$
$$+m_{002}^{(20)}m_{210}^{(22)}m_{040}^{(00)}-m_{002}^{(20)}m_{201}^{(00)}m_{040}^{(21)}+m_{002}^{(20)}m_{201}^{(00)}m_{031}^{(11)}+m_{002}^{(20)}m_{201}^{(10)}m_{130}^{(21)}$$
$$+m_{002}^{(20)}m_{201}^{(10)}m_{040}^{(20)}-2m_{002}^{(20)}m_{201}^{(10)}m_{031}^{(10)}-m_{002}^{(20)}m_{201}^{(11)}m_{130}^{(20)}+m_{002}^{(20)}m_{201}^{(11)}m_{031}^{(00)}$$
$$-m_{002}^{(20)}m_{201}^{(20)}m_{130}^{(11)}+m_{002}^{(20)}m_{201}^{(20)}m_{040}^{(10)}+m_{002}^{(20)}m_{201}^{(21)}m_{130}^{(10)}-m_{002}^{(20)}m_{201}^{(21)}m_{040}^{(00)}$$
$$-2m_{002}^{(20)}m_{120}^{(00)}m_{130}^{(22)}+2m_{002}^{(20)}m_{120}^{(00)}m_{121}^{(21)}+m_{002}^{(20)}m_{120}^{(10)}m_{220}^{(22)}+m_{002}^{(20)}m_{120}^{(10)}m_{211}^{(21)}$$
$$-2m_{002}^{(20)}m_{120}^{(10)}m_{121}^{(20)}+m_{002}^{(20)}m_{120}^{(11)}m_{310}^{(22)}-m_{002}^{(20)}m_{120}^{(11)}m_{211}^{(20)}-m_{002}^{(20)}m_{120}^{(20)}m_{220}^{(21)}$$
$$-m_{002}^{(20)}m_{120}^{(20)}m_{211}^{(11)}+4m_{002}^{(20)}m_{120}^{(20)}m_{130}^{(20)}-2m_{002}^{(20)}m_{120}^{(20)}m_{121}^{(10)}-2m_{002}^{(20)}m_{120}^{(21)}m_{310}^{(21)}$$
$$-m_{002}^{(20)}m_{120}^{(21)}m_{220}^{(20)}+m_{002}^{(20)}m_{120}^{(21)}m_{211}^{(10)}+2m_{002}^{(20)}m_{120}^{(21)}m_{121}^{(00)}+m_{002}^{(20)}m_{120}^{(22)}m_{310}^{(11)}$$
$$+m_{002}^{(20)}m_{120}^{(22)}m_{220}^{(10)}-2m_{002}^{(20)}m_{120}^{(22)}m_{130}^{(00)}+2m_{002}^{(20)}m_{111}^{(00)}m_{130}^{(21)}-2m_{002}^{(20)}m_{111}^{(00)}m_{121}^{(11)}$$
$$-2m_{002}^{(20)}m_{111}^{(10)}m_{220}^{(21)}-2m_{002}^{(20)}m_{111}^{(10)}m_{130}^{(20)}+4m_{002}^{(20)}m_{111}^{(10)}m_{121}^{(10)}+2m_{002}^{(20)}m_{111}^{(11)}m_{220}^{(20)}$$
$$-2m_{002}^{(20)}m_{111}^{(11)}m_{121}^{(00)}+2m_{002}^{(20)}m_{111}^{(20)}m_{220}^{(11)}-2m_{002}^{(20)}m_{111}^{(20)}m_{130}^{(10)}-2m_{002}^{(20)}m_{111}^{(21)}m_{220}^{(10)}$$
$$+2m_{002}^{(20)}m_{111}^{(21)}m_{130}^{(00)}+m_{002}^{(20)}m_{030}^{(00)}m_{220}^{(22)}-m_{002}^{(20)}m_{030}^{(00)}m_{211}^{(21)}-m_{002}^{(20)}m_{030}^{(10)}m_{310}^{(22)}$$
$$+m_{002}^{(20)}m_{030}^{(10)}m_{211}^{(20)}+m_{002}^{(20)}m_{030}^{(20)}m_{310}^{(21)}-2m_{002}^{(20)}m_{030}^{(20)}m_{220}^{(20)}+m_{002}^{(20)}m_{030}^{(20)}m_{211}^{(10)}$$
$$+m_{002}^{(20)}m_{030}^{(21)}m_{310}^{(20)}-m_{002}^{(20)}m_{030}^{(21)}m_{211}^{(00)}-m_{002}^{(20)}m_{030}^{(22)}m_{310}^{(10)}+m_{002}^{(20)}m_{030}^{(22)}m_{220}^{(00)}$$
$$-m_{002}^{(20)}m_{021}^{(00)}m_{220}^{(21)}+m_{002}^{(20)}m_{021}^{(00)}m_{211}^{(11)}+m_{002}^{(20)}m_{021}^{(10)}m_{310}^{(21)}+m_{002}^{(20)}m_{021}^{(10)}m_{220}^{(20)}$$
$$-2m_{002}^{(20)}m_{021}^{(10)}m_{211}^{(10)}-m_{002}^{(20)}m_{021}^{(11)}m_{310}^{(20)}+m_{002}^{(20)}m_{021}^{(11)}m_{211}^{(00)}-m_{002}^{(20)}m_{021}^{(20)}m_{310}^{(11)}$$
$$+m_{002}^{(20)}m_{021}^{(20)}m_{220}^{(10)}+m_{002}^{(20)}m_{021}^{(21)}m_{310}^{(10)}-m_{002}^{(20)}m_{021}^{(21)}m_{220}^{(00)}+m_{002}^{(21)}m_{300}^{(10)}m_{130}^{(22)}$$
$$-m_{002}^{(21)}m_{300}^{(10)}m_{121}^{(21)}-m_{002}^{(21)}m_{300}^{(11)}m_{220}^{(22)}+m_{002}^{(21)}m_{300}^{(11)}m_{121}^{(20)}-m_{002}^{(21)}m_{300}^{(20)}m_{130}^{(21)}$$
$$+m_{002}^{(21)}m_{300}^{(20)}m_{121}^{(11)}+2m_{002}^{(21)}m_{300}^{(21)}m_{220}^{(21)}-m_{002}^{(21)}m_{300}^{(21)}m_{130}^{(20)}-m_{002}^{(21)}m_{300}^{(21)}m_{121}^{(10)}$$
$$-m_{002}^{(21)}m_{300}^{(22)}m_{220}^{(11)}+m_{002}^{(21)}m_{300}^{(22)}m_{130}^{(10)}-m_{002}^{(21)}m_{210}^{(00)}m_{130}^{(22)}+m_{002}^{(21)}m_{210}^{(00)}m_{121}^{(21)}$$
$$-m_{002}^{(21)}m_{210}^{(10)}m_{220}^{(22)}+2m_{002}^{(21)}m_{210}^{(10)}m_{211}^{(21)}-m_{002}^{(21)}m_{210}^{(10)}m_{121}^{(20)}+2m_{002}^{(21)}m_{210}^{(11)}m_{310}^{(22)}$$
$$-2m_{002}^{(21)}m_{210}^{(11)}m_{211}^{(20)}+m_{002}^{(21)}m_{210}^{(20)}m_{220}^{(21)}-2m_{002}^{(21)}m_{210}^{(20)}m_{211}^{(11)}+2m_{002}^{(21)}m_{210}^{(20)}m_{130}^{(20)}$$
$$-m_{002}^{(21)}m_{210}^{(20)}m_{121}^{(10)}-4m_{002}^{(21)}m_{210}^{(21)}m_{310}^{(21)}+m_{002}^{(21)}m_{210}^{(21)}m_{220}^{(20)}+2m_{002}^{(21)}m_{210}^{(21)}m_{211}^{(10)}$$
$$+m_{002}^{(21)}m_{210}^{(21)}m_{121}^{(00)}+2m_{002}^{(21)}m_{210}^{(22)}m_{310}^{(11)}-m_{002}^{(21)}m_{210}^{(22)}m_{220}^{(10)}-m_{002}^{(21)}m_{210}^{(22)}m_{130}^{(00)}$$
$$+m_{002}^{(21)}m_{201}^{(00)}m_{130}^{(21)}-m_{002}^{(21)}m_{201}^{(00)}m_{121}^{(11)}-m_{002}^{(21)}m_{201}^{(10)}m_{220}^{(21)}-m_{002}^{(21)}m_{201}^{(10)}m_{130}^{(20)}$$
$$+2m_{002}^{(21)}m_{201}^{(10)}m_{121}^{(10)}+m_{002}^{(21)}m_{201}^{(11)}m_{220}^{(20)}-m_{002}^{(21)}m_{201}^{(11)}m_{121}^{(00)}+m_{002}^{(21)}m_{201}^{(20)}m_{220}^{(11)}$$
$$-m_{002}^{(21)}m_{201}^{(20)}m_{130}^{(10)}-m_{002}^{(21)}m_{201}^{(21)}m_{220}^{(10)}+m_{002}^{(21)}m_{201}^{(21)}m_{130}^{(00)}+2m_{002}^{(21)}m_{120}^{(00)}m_{220}^{(22)}$$
$$-2m_{002}^{(21)}m_{120}^{(00)}m_{211}^{(21)}-m_{002}^{(21)}m_{120}^{(10)}m_{310}^{(22)}-m_{002}^{(21)}m_{120}^{(10)}m_{301}^{(21)}+2m_{002}^{(21)}m_{120}^{(10)}m_{211}^{(20)}$$
$$-m_{002}^{(21)}m_{120}^{(11)}m_{400}^{(22)}+m_{002}^{(21)}m_{120}^{(11)}m_{301}^{(20)}+m_{002}^{(21)}m_{120}^{(20)}m_{310}^{(21)}+m_{002}^{(21)}m_{120}^{(20)}m_{301}^{(11)}$$
$$-4m_{002}^{(21)}m_{120}^{(20)}m_{220}^{(20)}+2m_{002}^{(21)}m_{120}^{(20)}m_{211}^{(10)}+2m_{002}^{(21)}m_{120}^{(21)}m_{400}^{(21)}+m_{002}^{(21)}m_{120}^{(21)}m_{310}^{(20)}$$
$$-m_{002}^{(21)}m_{120}^{(21)}m_{301}^{(10)}-2m_{002}^{(21)}m_{120}^{(21)}m_{211}^{(00)}-m_{002}^{(21)}m_{120}^{(22)}m_{400}^{(11)}-m_{002}^{(21)}m_{120}^{(22)}m_{310}^{(10)}$$
$$+2m_{002}^{(21)}m_{120}^{(22)}m_{220}^{(00)}-2m_{002}^{(21)}m_{111}^{(00)}m_{220}^{(21)}+2m_{002}^{(21)}m_{111}^{(00)}m_{211}^{(11)}+2m_{002}^{(21)}m_{111}^{(10)}m_{310}^{(21)}$$
$$+2m_{002}^{(21)}m_{111}^{(10)}m_{220}^{(20)}-4m_{002}^{(21)}m_{111}^{(10)}m_{211}^{(10)}-2m_{002}^{(21)}m_{111}^{(11)}m_{310}^{(20)}+2m_{002}^{(21)}m_{111}^{(11)}m_{211}^{(00)}$$
$$-2m_{002}^{(21)}m_{111}^{(20)}m_{310}^{(11)}+2m_{002}^{(21)}m_{111}^{(20)}m_{220}^{(10)}+2m_{002}^{(21)}m_{111}^{(21)}m_{310}^{(10)}-2m_{002}^{(21)}m_{111}^{(21)}m_{220}^{(00)}$$

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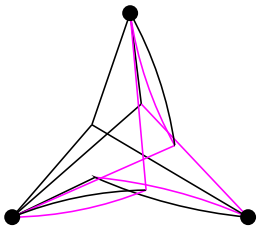
\begin{aligned}
&-m_{002}^{(21)} m_{030}^{(00)} m_{310}^{(22)} + m_{002}^{(21)} m_{030}^{(00)} m_{301}^{(21)} + m_{002}^{(21)} m_{030}^{(10)} m_{400}^{(22)} - m_{002}^{(21)} m_{030}^{(10)} m_{301}^{(20)} \\
&-m_{002}^{(21)} m_{030}^{(20)} m_{400}^{(21)} + 2m_{002}^{(21)} m_{030}^{(20)} m_{310}^{(20)} - m_{002}^{(21)} m_{030}^{(20)} m_{301}^{(10)} - m_{002}^{(21)} m_{030}^{(21)} m_{400}^{(20)} \\
&+m_{002}^{(21)} m_{030}^{(21)} m_{301}^{(00)} + m_{002}^{(21)} m_{030}^{(22)} m_{400}^{(10)} - m_{002}^{(21)} m_{030}^{(22)} m_{310}^{(00)} + m_{002}^{(21)} m_{021}^{(00)} m_{310}^{(21)} \\
&-m_{002}^{(21)} m_{021}^{(00)} m_{301}^{(11)} - m_{002}^{(21)} m_{021}^{(10)} m_{400}^{(21)} - m_{002}^{(21)} m_{021}^{(10)} m_{310}^{(20)} + 2m_{002}^{(21)} m_{021}^{(10)} m_{301}^{(10)} \\
&+m_{002}^{(21)} m_{021}^{(11)} m_{400}^{(20)} - m_{002}^{(21)} m_{021}^{(11)} m_{301}^{(00)} + m_{002}^{(21)} m_{021}^{(20)} m_{400}^{(11)} - m_{002}^{(21)} m_{021}^{(20)} m_{310}^{(10)} \\
&-m_{002}^{(21)} m_{021}^{(21)} m_{400}^{(10)} + m_{002}^{(21)} m_{021}^{(21)} m_{310}^{(00)}
\end{aligned}
$$

Generating graph:

$V1$	$V1$	1	1	1
1	$V2$	2	2	$V3$
$V2$	2	$V3$	3	3



$$
\begin{aligned}
T_{143} \;=\;& -m_{200}^{(10)} m_{120}^{(10)} m_{013}^{(22)} + m_{200}^{(10)} m_{120}^{(10)} m_{004}^{(21)} + m_{200}^{(10)} m_{120}^{(11)} m_{103}^{(22)} - m_{200}^{(10)} m_{120}^{(11)} m_{004}^{(20)} \\
&+m_{200}^{(10)} m_{120}^{(20)} m_{022}^{(22)} - m_{200}^{(10)} m_{120}^{(20)} m_{013}^{(21)} - m_{200}^{(10)} m_{120}^{(21)} m_{112}^{(22)} - m_{200}^{(10)} m_{120}^{(21)} m_{103}^{(21)} \\
&+2m_{200}^{(10)} m_{120}^{(21)} m_{013}^{(20)} + m_{200}^{(10)} m_{120}^{(22)} m_{112}^{(21)} - m_{200}^{(10)} m_{120}^{(22)} m_{022}^{(20)} + 2m_{200}^{(10)} m_{111}^{(10)} m_{022}^{(22)} \\
&-2m_{200}^{(10)} m_{111}^{(10)} m_{013}^{(21)} - 2m_{200}^{(10)} m_{111}^{(11)} m_{112}^{(22)} + 2m_{200}^{(10)} m_{111}^{(11)} m_{013}^{(20)} - 2m_{200}^{(10)} m_{111}^{(20)} m_{031}^{(22)} \\
&+2m_{200}^{(10)} m_{111}^{(20)} m_{022}^{(21)} + 2m_{200}^{(10)} m_{111}^{(21)} m_{121}^{(22)} + 2m_{200}^{(10)} m_{111}^{(21)} m_{112}^{(21)} - 4m_{200}^{(10)} m_{111}^{(21)} m_{022}^{(20)} \\
&-2m_{200}^{(10)} m_{111}^{(22)} m_{121}^{(21)} + 2m_{200}^{(10)} m_{111}^{(22)} m_{031}^{(20)} - m_{200}^{(10)} m_{102}^{(10)} m_{031}^{(22)} + m_{200}^{(10)} m_{102}^{(10)} m_{022}^{(21)} \\
&+m_{200}^{(10)} m_{102}^{(11)} m_{121}^{(22)} - m_{200}^{(10)} m_{102}^{(11)} m_{022}^{(20)} + m_{200}^{(10)} m_{102}^{(20)} m_{040}^{(22)} - m_{200}^{(10)} m_{102}^{(20)} m_{031}^{(21)} \\
&-m_{200}^{(10)} m_{102}^{(21)} m_{130}^{(22)} - m_{200}^{(10)} m_{102}^{(21)} m_{121}^{(21)} + 2m_{200}^{(10)} m_{102}^{(21)} m_{031}^{(20)} + m_{200}^{(10)} m_{102}^{(22)} m_{130}^{(21)} \\
&-m_{200}^{(10)} m_{102}^{(22)} m_{040}^{(20)} + m_{200}^{(10)} m_{030}^{(00)} m_{013}^{(22)} - m_{200}^{(10)} m_{030}^{(00)} m_{004}^{(21)} - m_{200}^{(10)} m_{030}^{(10)} m_{103}^{(22)} \\
&+m_{200}^{(10)} m_{030}^{(10)} m_{004}^{(20)} - m_{200}^{(10)} m_{030}^{(20)} m_{112}^{(22)} + 2m_{200}^{(10)} m_{030}^{(20)} m_{103}^{(21)} - m_{200}^{(10)} m_{030}^{(20)} m_{013}^{(20)} \\
&+m_{200}^{(10)} m_{030}^{(21)} m_{202}^{(22)} - m_{200}^{(10)} m_{030}^{(21)} m_{103}^{(20)} - m_{200}^{(10)} m_{030}^{(22)} m_{202}^{(21)} + m_{200}^{(10)} m_{030}^{(22)} m_{112}^{(20)} \\
&-3m_{200}^{(10)} m_{021}^{(00)} m_{022}^{(22)} + 3m_{200}^{(10)} m_{021}^{(00)} m_{013}^{(21)} + 4m_{200}^{(10)} m_{021}^{(10)} m_{112}^{(22)} - m_{200}^{(10)} m_{021}^{(10)} m_{103}^{(21)} \\
&-3m_{200}^{(10)} m_{021}^{(10)} m_{013}^{(20)} - m_{200}^{(10)} m_{021}^{(11)} m_{202}^{(22)} + m_{200}^{(10)} m_{021}^{(11)} m_{103}^{(20)} + 2m_{200}^{(10)} m_{021}^{(20)} m_{121}^{(22)} \\
&-5m_{200}^{(10)} m_{021}^{(20)} m_{112}^{(21)} + 3m_{200}^{(10)} m_{021}^{(20)} m_{022}^{(20)} - 2m_{200}^{(10)} m_{021}^{(21)} m_{211}^{(22)} + m_{200}^{(10)} m_{021}^{(21)} m_{202}^{(21)} \\
&+m_{200}^{(10)} m_{021}^{(21)} m_{112}^{(20)} + 2m_{200}^{(10)} m_{021}^{(22)} m_{211}^{(21)} - 2m_{200}^{(10)} m_{021}^{(22)} m_{121}^{(20)} + 3m_{200}^{(10)} m_{012}^{(00)} m_{031}^{(22)} \\
&-3m_{200}^{(10)} m_{012}^{(00)} m_{022}^{(21)} - 5m_{200}^{(10)} m_{012}^{(10)} m_{121}^{(22)} + 2m_{200}^{(10)} m_{012}^{(10)} m_{112}^{(21)} + 3m_{200}^{(10)} m_{012}^{(10)} m_{022}^{(20)} \\
&+2m_{200}^{(10)} m_{012}^{(11)} m_{211}^{(22)} - 2m_{200}^{(10)} m_{012}^{(11)} m_{112}^{(20)} - m_{200}^{(10)} m_{012}^{(20)} m_{130}^{(22)} + 4m_{200}^{(10)} m_{012}^{(20)} m_{121}^{(21)}
\end{aligned}
$$

$$
\begin{aligned}
&-3m_{200}^{(10)}m_{012}^{(20)}m_{031}^{(20)}+m_{200}^{(10)}m_{012}^{(21)}m_{220}^{(22)}-2m_{200}^{(10)}m_{012}^{(21)}m_{211}^{(21)}+m_{200}^{(10)}m_{012}^{(21)}m_{121}^{(20)}\\
&-m_{200}^{(10)}m_{012}^{(22)}m_{220}^{(21)}+m_{200}^{(10)}m_{012}^{(22)}m_{130}^{(20)}-m_{200}^{(10)}m_{003}^{(00)}m_{040}^{(22)}+m_{200}^{(10)}m_{003}^{(00)}m_{031}^{(21)}\\
&+2m_{200}^{(10)}m_{003}^{(10)}m_{130}^{(22)}-m_{200}^{(10)}m_{003}^{(10)}m_{121}^{(21)}-m_{200}^{(10)}m_{003}^{(10)}m_{031}^{(20)}-m_{200}^{(10)}m_{003}^{(11)}m_{220}^{(22)}\\
&+m_{200}^{(10)}m_{003}^{(11)}m_{121}^{(20)}-m_{200}^{(10)}m_{003}^{(20)}m_{130}^{(21)}+m_{200}^{(10)}m_{003}^{(20)}m_{040}^{(20)}+m_{200}^{(10)}m_{003}^{(21)}m_{220}^{(21)}\\
&-m_{200}^{(10)}m_{003}^{(21)}m_{130}^{(20)}+m_{200}^{(11)}m_{210}^{(10)}m_{013}^{(22)}-m_{200}^{(11)}m_{210}^{(10)}m_{004}^{(21)}-m_{200}^{(11)}m_{210}^{(11)}m_{103}^{(22)}\\
&+m_{200}^{(11)}m_{210}^{(11)}m_{004}^{(20)}-m_{200}^{(11)}m_{210}^{(20)}m_{022}^{(22)}+m_{200}^{(11)}m_{210}^{(20)}m_{013}^{(21)}+m_{200}^{(11)}m_{210}^{(21)}m_{112}^{(22)}\\
&+m_{200}^{(11)}m_{210}^{(21)}m_{103}^{(21)}-2m_{200}^{(11)}m_{210}^{(21)}m_{013}^{(20)}-m_{200}^{(11)}m_{210}^{(22)}m_{112}^{(21)}+m_{200}^{(11)}m_{210}^{(22)}m_{022}^{(20)}\\
&-m_{200}^{(11)}m_{201}^{(10)}m_{022}^{(22)}+m_{200}^{(11)}m_{201}^{(10)}m_{013}^{(21)}+m_{200}^{(11)}m_{201}^{(11)}m_{112}^{(22)}-m_{200}^{(11)}m_{201}^{(11)}m_{013}^{(20)}\\
&+m_{200}^{(11)}m_{201}^{(20)}m_{031}^{(22)}-m_{200}^{(11)}m_{201}^{(20)}m_{022}^{(21)}-m_{200}^{(11)}m_{201}^{(21)}m_{121}^{(22)}-m_{200}^{(11)}m_{201}^{(21)}m_{112}^{(21)}\\
&+2m_{200}^{(11)}m_{201}^{(21)}m_{022}^{(20)}+m_{200}^{(11)}m_{201}^{(22)}m_{121}^{(21)}-m_{200}^{(11)}m_{201}^{(22)}m_{031}^{(20)}-m_{200}^{(11)}m_{120}^{(00)}m_{013}^{(22)}\\
&+m_{200}^{(11)}m_{120}^{(00)}m_{004}^{(21)}+m_{200}^{(11)}m_{120}^{(10)}m_{103}^{(22)}-m_{200}^{(11)}m_{120}^{(10)}m_{004}^{(20)}+m_{200}^{(11)}m_{120}^{(20)}m_{112}^{(22)}\\
&-2m_{200}^{(11)}m_{120}^{(20)}m_{103}^{(21)}+m_{200}^{(11)}m_{120}^{(20)}m_{013}^{(20)}-m_{200}^{(11)}m_{120}^{(21)}m_{202}^{(22)}+m_{200}^{(11)}m_{120}^{(21)}m_{103}^{(20)}\\
&+m_{200}^{(11)}m_{120}^{(22)}m_{202}^{(21)}-m_{200}^{(11)}m_{120}^{(22)}m_{112}^{(20)}+2m_{200}^{(11)}m_{111}^{(00)}m_{022}^{(22)}-2m_{200}^{(11)}m_{111}^{(00)}m_{013}^{(21)}\\
&-4m_{200}^{(11)}m_{111}^{(10)}m_{112}^{(22)}+2m_{200}^{(11)}m_{111}^{(10)}m_{103}^{(21)}+2m_{200}^{(11)}m_{111}^{(10)}m_{013}^{(20)}+2m_{200}^{(11)}m_{111}^{(11)}m_{202}^{(22)}\\
&-2m_{200}^{(11)}m_{111}^{(11)}m_{103}^{(20)}+2m_{200}^{(11)}m_{111}^{(20)}m_{112}^{(21)}-2m_{200}^{(11)}m_{111}^{(20)}m_{022}^{(20)}-2m_{200}^{(11)}m_{111}^{(21)}m_{202}^{(21)}\\
&+2m_{200}^{(11)}m_{111}^{(21)}m_{112}^{(20)}-m_{200}^{(11)}m_{102}^{(00)}m_{031}^{(22)}+m_{200}^{(11)}m_{102}^{(00)}m_{022}^{(21)}+3m_{200}^{(11)}m_{102}^{(10)}m_{121}^{(22)}\\
&-2m_{200}^{(11)}m_{102}^{(10)}m_{112}^{(21)}-m_{200}^{(11)}m_{102}^{(10)}m_{022}^{(20)}-2m_{200}^{(11)}m_{102}^{(11)}m_{211}^{(22)}+2m_{200}^{(11)}m_{102}^{(11)}m_{112}^{(20)}\\
&-m_{200}^{(11)}m_{102}^{(20)}m_{130}^{(22)}+m_{200}^{(11)}m_{102}^{(20)}m_{031}^{(20)}+m_{200}^{(11)}m_{102}^{(21)}m_{220}^{(22)}+2m_{200}^{(11)}m_{102}^{(21)}m_{211}^{(21)}\\
&-3m_{200}^{(11)}m_{102}^{(21)}m_{121}^{(20)}-m_{200}^{(11)}m_{102}^{(22)}m_{220}^{(21)}+m_{200}^{(11)}m_{102}^{(22)}m_{130}^{(20)}+m_{200}^{(11)}m_{021}^{(00)}m_{112}^{(22)}\\
&-m_{200}^{(11)}m_{021}^{(00)}m_{103}^{(21)}-m_{200}^{(11)}m_{021}^{(10)}m_{202}^{(22)}+m_{200}^{(11)}m_{021}^{(10)}m_{103}^{(20)}-m_{200}^{(11)}m_{021}^{(20)}m_{211}^{(22)}\\
&+2m_{200}^{(11)}m_{021}^{(20)}m_{202}^{(21)}-m_{200}^{(11)}m_{021}^{(20)}m_{112}^{(20)}+m_{200}^{(11)}m_{021}^{(21)}m_{301}^{(22)}-m_{200}^{(11)}m_{021}^{(21)}m_{202}^{(20)}\\
&-m_{200}^{(11)}m_{021}^{(22)}m_{301}^{(21)}+m_{200}^{(11)}m_{021}^{(22)}m_{211}^{(20)}-2m_{200}^{(11)}m_{012}^{(00)}m_{121}^{(22)}+2m_{200}^{(11)}m_{012}^{(00)}m_{112}^{(21)}\\
&+3m_{200}^{(11)}m_{012}^{(10)}m_{211}^{(22)}-m_{200}^{(11)}m_{012}^{(10)}m_{202}^{(21)}-2m_{200}^{(11)}m_{012}^{(10)}m_{112}^{(20)}-m_{200}^{(11)}m_{012}^{(11)}m_{301}^{(22)}\\
&+m_{200}^{(11)}m_{012}^{(11)}m_{202}^{(20)}+m_{200}^{(11)}m_{012}^{(20)}m_{220}^{(22)}-3m_{200}^{(11)}m_{012}^{(20)}m_{211}^{(21)}+2m_{200}^{(11)}m_{012}^{(20)}m_{121}^{(20)}\\
&-m_{200}^{(11)}m_{012}^{(21)}m_{310}^{(22)}+m_{200}^{(11)}m_{012}^{(21)}m_{301}^{(21)}+m_{200}^{(11)}m_{012}^{(22)}m_{310}^{(21)}-m_{200}^{(11)}m_{012}^{(22)}m_{220}^{(20)}\\
&+m_{200}^{(11)}m_{003}^{(00)}m_{130}^{(22)}-m_{200}^{(11)}m_{003}^{(00)}m_{121}^{(21)}-2m_{200}^{(11)}m_{003}^{(10)}m_{220}^{(22)}+m_{200}^{(11)}m_{003}^{(10)}m_{211}^{(21)}\\
&+m_{200}^{(11)}m_{003}^{(10)}m_{121}^{(20)}+m_{200}^{(11)}m_{003}^{(11)}m_{310}^{(22)}-m_{200}^{(11)}m_{003}^{(11)}m_{211}^{(20)}+m_{200}^{(11)}m_{003}^{(20)}m_{220}^{(21)}\\
&-m_{200}^{(11)}m_{003}^{(20)}m_{130}^{(20)}-m_{200}^{(11)}m_{003}^{(21)}m_{310}^{(21)}+m_{200}^{(11)}m_{003}^{(21)}m_{220}^{(20)}+m_{200}^{(20)}m_{120}^{(10)}m_{013}^{(21)}\\
&-m_{200}^{(20)}m_{120}^{(10)}m_{004}^{(11)}-m_{200}^{(20)}m_{120}^{(11)}m_{103}^{(21)}+m_{200}^{(20)}m_{120}^{(11)}m_{004}^{(10)}-m_{200}^{(20)}m_{120}^{(20)}m_{022}^{(21)}\\
&+m_{200}^{(20)}m_{120}^{(20)}m_{013}^{(11)}+m_{200}^{(20)}m_{120}^{(21)}m_{112}^{(21)}+m_{200}^{(20)}m_{120}^{(21)}m_{103}^{(11)}-2m_{200}^{(20)}m_{120}^{(21)}m_{013}^{(10)}\\
&-m_{200}^{(20)}m_{120}^{(22)}m_{112}^{(11)}+m_{200}^{(20)}m_{120}^{(22)}m_{022}^{(10)}-2m_{200}^{(20)}m_{111}^{(10)}m_{022}^{(21)}+2m_{200}^{(20)}m_{111}^{(10)}m_{013}^{(11)}\\
&+2m_{200}^{(20)}m_{111}^{(11)}m_{112}^{(21)}-2m_{200}^{(20)}m_{111}^{(11)}m_{013}^{(10)}+2m_{200}^{(20)}m_{111}^{(20)}m_{031}^{(21)}-2m_{200}^{(20)}m_{111}^{(20)}m_{022}^{(11)}\\
&-2m_{200}^{(20)}m_{111}^{(21)}m_{121}^{(21)}-2m_{200}^{(20)}m_{111}^{(21)}m_{112}^{(11)}+4m_{200}^{(20)}m_{111}^{(21)}m_{022}^{(10)}+2m_{200}^{(20)}m_{111}^{(22)}m_{121}^{(11)}\\
&-2m_{200}^{(20)}m_{111}^{(22)}m_{031}^{(10)}+m_{200}^{(20)}m_{102}^{(10)}m_{031}^{(21)}-m_{200}^{(20)}m_{102}^{(10)}m_{022}^{(11)}-m_{200}^{(20)}m_{102}^{(11)}m_{121}^{(21)}\\
&+m_{200}^{(20)}m_{102}^{(11)}m_{022}^{(10)}-m_{200}^{(20)}m_{102}^{(20)}m_{040}^{(21)}+m_{200}^{(20)}m_{102}^{(20)}m_{031}^{(11)}+m_{200}^{(20)}m_{102}^{(21)}m_{130}^{(21)}\\
&+m_{200}^{(20)}m_{102}^{(21)}m_{121}^{(11)}-2m_{200}^{(20)}m_{102}^{(21)}m_{031}^{(10)}-m_{200}^{(20)}m_{102}^{(22)}m_{130}^{(11)}+m_{200}^{(20)}m_{102}^{(22)}m_{040}^{(10)}\\
&-m_{200}^{(20)}m_{030}^{(00)}m_{013}^{(21)}+m_{200}^{(20)}m_{030}^{(00)}m_{004}^{(11)}+m_{200}^{(20)}m_{030}^{(10)}m_{103}^{(21)}-m_{200}^{(20)}m_{030}^{(10)}m_{004}^{(10)}\\
&+m_{200}^{(20)}m_{030}^{(20)}m_{112}^{(21)}-2m_{200}^{(20)}m_{030}^{(20)}m_{103}^{(11)}+m_{200}^{(20)}m_{030}^{(20)}m_{013}^{(10)}-m_{200}^{(20)}m_{030}^{(21)}m_{202}^{(21)}
\end{aligned}
$$

$$+m_{200}^{(20)}m_{030}^{(21)}m_{103}^{(10)}+m_{200}^{(20)}m_{030}^{(22)}m_{202}^{(11)}-m_{200}^{(20)}m_{030}^{(22)}m_{112}^{(10)}+3m_{200}^{(20)}m_{021}^{(00)}m_{022}^{(21)}$$
$$-3m_{200}^{(20)}m_{021}^{(00)}m_{013}^{(11)}-4m_{200}^{(20)}m_{021}^{(10)}m_{112}^{(21)}+m_{200}^{(20)}m_{021}^{(10)}m_{103}^{(11)}+3m_{200}^{(20)}m_{021}^{(10)}m_{013}^{(10)}$$
$$+m_{200}^{(20)}m_{021}^{(11)}m_{202}^{(21)}-m_{200}^{(20)}m_{021}^{(11)}m_{103}^{(10)}-2m_{200}^{(20)}m_{021}^{(20)}m_{121}^{(21)}+5m_{200}^{(20)}m_{021}^{(20)}m_{112}^{(11)}$$
$$-3m_{200}^{(20)}m_{021}^{(20)}m_{022}^{(10)}+2m_{200}^{(20)}m_{021}^{(21)}m_{211}^{(21)}-m_{200}^{(20)}m_{021}^{(21)}m_{202}^{(11)}-m_{200}^{(20)}m_{021}^{(21)}m_{112}^{(10)}$$
$$-2m_{200}^{(20)}m_{021}^{(22)}m_{211}^{(11)}+2m_{200}^{(20)}m_{021}^{(22)}m_{121}^{(10)}-3m_{200}^{(20)}m_{012}^{(00)}m_{031}^{(21)}+3m_{200}^{(20)}m_{012}^{(00)}m_{022}^{(11)}$$
$$+5m_{200}^{(20)}m_{012}^{(10)}m_{121}^{(21)}-2m_{200}^{(20)}m_{012}^{(10)}m_{112}^{(11)}-3m_{200}^{(20)}m_{012}^{(10)}m_{022}^{(10)}-2m_{200}^{(20)}m_{012}^{(11)}m_{211}^{(21)}$$
$$+2m_{200}^{(20)}m_{012}^{(11)}m_{112}^{(10)}+m_{200}^{(20)}m_{012}^{(20)}m_{130}^{(21)}-4m_{200}^{(20)}m_{012}^{(20)}m_{121}^{(11)}+3m_{200}^{(20)}m_{012}^{(20)}m_{031}^{(10)}$$
$$-m_{200}^{(20)}m_{012}^{(21)}m_{220}^{(21)}+2m_{200}^{(20)}m_{012}^{(21)}m_{211}^{(11)}-m_{200}^{(20)}m_{012}^{(21)}m_{121}^{(10)}+m_{200}^{(20)}m_{012}^{(22)}m_{220}^{(11)}$$
$$-m_{200}^{(20)}m_{012}^{(22)}m_{130}^{(10)}+m_{200}^{(20)}m_{003}^{(00)}m_{040}^{(21)}-m_{200}^{(20)}m_{003}^{(00)}m_{031}^{(11)}-2m_{200}^{(20)}m_{003}^{(10)}m_{130}^{(21)}$$
$$+m_{200}^{(20)}m_{003}^{(10)}m_{121}^{(11)}+m_{200}^{(20)}m_{003}^{(10)}m_{031}^{(10)}+m_{200}^{(20)}m_{003}^{(11)}m_{220}^{(21)}-m_{200}^{(20)}m_{003}^{(11)}m_{121}^{(10)}$$
$$+m_{200}^{(20)}m_{003}^{(20)}m_{130}^{(11)}-m_{200}^{(20)}m_{003}^{(20)}m_{040}^{(10)}-m_{200}^{(20)}m_{003}^{(21)}m_{220}^{(11)}+m_{200}^{(20)}m_{003}^{(21)}m_{130}^{(10)}$$
$$-m_{200}^{(21)}m_{210}^{(10)}m_{022}^{(22)}+m_{200}^{(21)}m_{210}^{(10)}m_{004}^{(11)}+m_{200}^{(21)}m_{210}^{(11)}m_{112}^{(22)}+m_{200}^{(21)}m_{210}^{(11)}m_{103}^{(21)}$$
$$-m_{200}^{(21)}m_{210}^{(11)}m_{013}^{(20)}-m_{200}^{(21)}m_{210}^{(11)}m_{004}^{(10)}+m_{200}^{(21)}m_{210}^{(20)}m_{031}^{(22)}-m_{200}^{(21)}m_{210}^{(20)}m_{013}^{(11)}$$
$$-m_{200}^{(21)}m_{210}^{(21)}m_{121}^{(22)}-2m_{200}^{(21)}m_{210}^{(21)}m_{112}^{(21)}-m_{200}^{(21)}m_{210}^{(21)}m_{103}^{(11)}+2m_{200}^{(21)}m_{210}^{(21)}m_{022}^{(20)}$$
$$+2m_{200}^{(21)}m_{210}^{(21)}m_{013}^{(10)}+m_{200}^{(21)}m_{210}^{(22)}m_{121}^{(21)}+m_{200}^{(21)}m_{210}^{(22)}m_{112}^{(11)}-m_{200}^{(21)}m_{210}^{(22)}m_{031}^{(20)}$$
$$-m_{200}^{(21)}m_{210}^{(22)}m_{022}^{(10)}+m_{200}^{(21)}m_{201}^{(10)}m_{031}^{(22)}-m_{200}^{(21)}m_{201}^{(10)}m_{013}^{(11)}-m_{200}^{(21)}m_{201}^{(11)}m_{121}^{(22)}$$
$$-m_{200}^{(21)}m_{201}^{(11)}m_{112}^{(21)}+m_{200}^{(21)}m_{201}^{(11)}m_{022}^{(20)}+m_{200}^{(21)}m_{201}^{(11)}m_{013}^{(10)}-m_{200}^{(21)}m_{201}^{(20)}m_{040}^{(22)}$$
$$+m_{200}^{(21)}m_{201}^{(20)}m_{022}^{(11)}+m_{200}^{(21)}m_{201}^{(21)}m_{130}^{(22)}+2m_{200}^{(21)}m_{201}^{(21)}m_{121}^{(21)}+m_{200}^{(21)}m_{201}^{(21)}m_{112}^{(11)}$$
$$-2m_{200}^{(21)}m_{201}^{(21)}m_{031}^{(20)}-2m_{200}^{(21)}m_{201}^{(21)}m_{022}^{(10)}-m_{200}^{(21)}m_{201}^{(22)}m_{130}^{(21)}-m_{200}^{(21)}m_{201}^{(22)}m_{121}^{(11)}$$
$$+m_{200}^{(21)}m_{201}^{(22)}m_{040}^{(20)}+m_{200}^{(21)}m_{201}^{(22)}m_{031}^{(10)}+m_{200}^{(21)}m_{120}^{(00)}m_{022}^{(22)}-m_{200}^{(21)}m_{120}^{(00)}m_{004}^{(11)}$$
$$-2m_{200}^{(21)}m_{120}^{(10)}m_{103}^{(21)}+m_{200}^{(21)}m_{120}^{(10)}m_{013}^{(20)}+m_{200}^{(21)}m_{120}^{(10)}m_{004}^{(10)}-m_{200}^{(21)}m_{120}^{(11)}m_{202}^{(22)}$$
$$+m_{200}^{(21)}m_{120}^{(11)}m_{103}^{(20)}-2m_{200}^{(21)}m_{120}^{(20)}m_{121}^{(22)}+2m_{200}^{(21)}m_{120}^{(20)}m_{112}^{(21)}+2m_{200}^{(21)}m_{120}^{(20)}m_{103}^{(11)}$$
$$-m_{200}^{(21)}m_{120}^{(20)}m_{022}^{(20)}-m_{200}^{(21)}m_{120}^{(20)}m_{013}^{(10)}+2m_{200}^{(21)}m_{120}^{(21)}m_{211}^{(22)}+2m_{200}^{(21)}m_{120}^{(21)}m_{202}^{(21)}$$
$$-3m_{200}^{(21)}m_{120}^{(21)}m_{112}^{(20)}-m_{200}^{(21)}m_{120}^{(21)}m_{103}^{(10)}-2m_{200}^{(21)}m_{120}^{(22)}m_{211}^{(21)}-m_{200}^{(21)}m_{120}^{(22)}m_{202}^{(11)}$$
$$+2m_{200}^{(21)}m_{120}^{(22)}m_{121}^{(20)}+m_{200}^{(21)}m_{120}^{(22)}m_{112}^{(10)}-2m_{200}^{(21)}m_{111}^{(00)}m_{031}^{(22)}+2m_{200}^{(21)}m_{111}^{(00)}m_{013}^{(11)}$$
$$+2m_{200}^{(21)}m_{111}^{(10)}m_{121}^{(22)}+4m_{200}^{(21)}m_{111}^{(10)}m_{112}^{(21)}-2m_{200}^{(21)}m_{111}^{(10)}m_{103}^{(11)}-2m_{200}^{(21)}m_{111}^{(10)}m_{022}^{(20)}$$
$$-2m_{200}^{(21)}m_{111}^{(10)}m_{013}^{(10)}-2m_{200}^{(21)}m_{111}^{(11)}m_{202}^{(21)}+2m_{200}^{(21)}m_{111}^{(11)}m_{103}^{(10)}+2m_{200}^{(21)}m_{111}^{(20)}m_{130}^{(22)}$$
$$-4m_{200}^{(21)}m_{111}^{(20)}m_{121}^{(21)}-2m_{200}^{(21)}m_{111}^{(20)}m_{112}^{(11)}+2m_{200}^{(21)}m_{111}^{(20)}m_{031}^{(20)}+2m_{200}^{(21)}m_{111}^{(20)}m_{022}^{(10)}$$
$$-2m_{200}^{(21)}m_{111}^{(21)}m_{220}^{(22)}+2m_{200}^{(21)}m_{111}^{(21)}m_{202}^{(11)}+2m_{200}^{(21)}m_{111}^{(21)}m_{121}^{(20)}-2m_{200}^{(21)}m_{111}^{(21)}m_{112}^{(10)}$$
$$+2m_{200}^{(21)}m_{111}^{(22)}m_{220}^{(21)}-2m_{200}^{(21)}m_{111}^{(22)}m_{130}^{(20)}+m_{200}^{(21)}m_{102}^{(00)}m_{040}^{(22)}-m_{200}^{(21)}m_{102}^{(00)}m_{022}^{(11)}$$
$$-2m_{200}^{(21)}m_{102}^{(10)}m_{130}^{(22)}-2m_{200}^{(21)}m_{102}^{(10)}m_{121}^{(21)}+2m_{200}^{(21)}m_{102}^{(10)}m_{112}^{(11)}+m_{200}^{(21)}m_{102}^{(10)}m_{031}^{(20)}$$
$$+m_{200}^{(21)}m_{102}^{(10)}m_{022}^{(10)}+m_{200}^{(21)}m_{102}^{(11)}m_{220}^{(22)}+2m_{200}^{(21)}m_{102}^{(11)}m_{211}^{(21)}-m_{200}^{(21)}m_{102}^{(11)}m_{121}^{(20)}$$
$$-2m_{200}^{(21)}m_{102}^{(11)}m_{112}^{(10)}+2m_{200}^{(21)}m_{102}^{(20)}m_{130}^{(21)}-m_{200}^{(21)}m_{102}^{(20)}m_{040}^{(20)}-m_{200}^{(21)}m_{102}^{(20)}m_{031}^{(10)}$$
$$-2m_{200}^{(21)}m_{102}^{(21)}m_{220}^{(21)}-2m_{200}^{(21)}m_{102}^{(21)}m_{211}^{(11)}+m_{200}^{(21)}m_{102}^{(21)}m_{130}^{(20)}+3m_{200}^{(21)}m_{102}^{(21)}m_{121}^{(10)}$$
$$+m_{200}^{(21)}m_{102}^{(22)}m_{220}^{(11)}-m_{200}^{(21)}m_{102}^{(22)}m_{130}^{(10)}-m_{200}^{(21)}m_{030}^{(00)}m_{112}^{(22)}+m_{200}^{(21)}m_{030}^{(00)}m_{103}^{(21)}$$
$$+m_{200}^{(21)}m_{030}^{(10)}m_{202}^{(22)}-m_{200}^{(21)}m_{030}^{(10)}m_{103}^{(20)}+m_{200}^{(21)}m_{030}^{(20)}m_{211}^{(22)}-2m_{200}^{(21)}m_{030}^{(20)}m_{202}^{(21)}$$
$$+m_{200}^{(21)}m_{030}^{(20)}m_{112}^{(20)}-m_{200}^{(21)}m_{030}^{(21)}m_{301}^{(22)}+m_{200}^{(21)}m_{030}^{(21)}m_{202}^{(20)}+m_{200}^{(21)}m_{030}^{(22)}m_{301}^{(21)}$$
$$-m_{200}^{(21)}m_{030}^{(22)}m_{211}^{(20)}+2m_{200}^{(21)}m_{021}^{(00)}m_{121}^{(22)}-3m_{200}^{(21)}m_{021}^{(00)}m_{112}^{(21)}+m_{200}^{(21)}m_{021}^{(00)}m_{103}^{(11)}$$

$$
\begin{aligned}
&-3m_{200}^{(21)}m_{021}^{(10)}m_{211}^{(22)}+2m_{200}^{(21)}m_{021}^{(10)}m_{202}^{(21)}+2m_{200}^{(21)}m_{021}^{(10)}m_{112}^{(20)}-m_{200}^{(21)}m_{021}^{(10)}m_{103}^{(10)}\\
&+m_{200}^{(21)}m_{021}^{(11)}m_{301}^{(22)}-m_{200}^{(21)}m_{021}^{(11)}m_{202}^{(20)}-m_{200}^{(21)}m_{021}^{(20)}m_{220}^{(22)}+4m_{200}^{(21)}m_{021}^{(20)}m_{211}^{(21)}\\
&-2m_{200}^{(21)}m_{021}^{(20)}m_{202}^{(11)}-2m_{200}^{(21)}m_{021}^{(20)}m_{121}^{(20)}+m_{200}^{(21)}m_{021}^{(20)}m_{112}^{(10)}+m_{200}^{(21)}m_{021}^{(21)}m_{310}^{(22)}\\
&-2m_{200}^{(21)}m_{021}^{(21)}m_{301}^{(21)}+m_{200}^{(21)}m_{021}^{(21)}m_{202}^{(10)}-m_{200}^{(21)}m_{021}^{(22)}m_{310}^{(21)}+m_{200}^{(21)}m_{021}^{(22)}m_{301}^{(11)}\\
&+m_{200}^{(21)}m_{021}^{(22)}m_{220}^{(20)}-m_{200}^{(21)}m_{021}^{(22)}m_{211}^{(10)}-m_{200}^{(21)}m_{012}^{(00)}m_{130}^{(22)}+3m_{200}^{(21)}m_{012}^{(00)}m_{121}^{(21)}\\
&-2m_{200}^{(21)}m_{012}^{(00)}m_{112}^{(11)}+2m_{200}^{(21)}m_{012}^{(10)}m_{220}^{(22)}-4m_{200}^{(21)}m_{012}^{(10)}m_{211}^{(21)}+m_{200}^{(21)}m_{012}^{(10)}m_{202}^{(11)}\\
&-m_{200}^{(21)}m_{012}^{(10)}m_{121}^{(20)}+2m_{200}^{(21)}m_{012}^{(10)}m_{112}^{(10)}-m_{200}^{(21)}m_{012}^{(11)}m_{310}^{(22)}+m_{200}^{(21)}m_{012}^{(11)}m_{301}^{(21)}\\
&+m_{200}^{(21)}m_{012}^{(11)}m_{211}^{(20)}-m_{200}^{(21)}m_{012}^{(11)}m_{202}^{(10)}-2m_{200}^{(21)}m_{012}^{(20)}m_{220}^{(21)}+3m_{200}^{(21)}m_{012}^{(20)}m_{211}^{(11)}\\
&+m_{200}^{(21)}m_{012}^{(20)}m_{130}^{(20)}-2m_{200}^{(21)}m_{012}^{(20)}m_{121}^{(10)}+2m_{200}^{(21)}m_{012}^{(21)}m_{310}^{(21)}-m_{200}^{(21)}m_{012}^{(21)}m_{301}^{(11)}\\
&-m_{200}^{(21)}m_{012}^{(21)}m_{220}^{(20)}-m_{200}^{(21)}m_{012}^{(22)}m_{310}^{(11)}+m_{200}^{(21)}m_{012}^{(22)}m_{220}^{(10)}-m_{200}^{(21)}m_{003}^{(00)}m_{130}^{(21)}\\
&+m_{200}^{(21)}m_{003}^{(00)}m_{121}^{(11)}+2m_{200}^{(21)}m_{003}^{(10)}m_{220}^{(21)}-m_{200}^{(21)}m_{003}^{(10)}m_{211}^{(11)}-m_{200}^{(21)}m_{003}^{(10)}m_{121}^{(10)}\\
&-m_{200}^{(21)}m_{003}^{(11)}m_{310}^{(21)}+m_{200}^{(21)}m_{003}^{(11)}m_{211}^{(10)}-m_{200}^{(21)}m_{003}^{(20)}m_{220}^{(11)}+m_{200}^{(21)}m_{003}^{(20)}m_{130}^{(10)}\\
&+m_{200}^{(21)}m_{003}^{(21)}m_{310}^{(11)}-m_{200}^{(21)}m_{003}^{(21)}m_{220}^{(10)}+m_{200}^{(22)}m_{210}^{(10)}m_{022}^{(21)}-m_{200}^{(22)}m_{210}^{(10)}m_{013}^{(11)}\\
&-m_{200}^{(22)}m_{210}^{(11)}m_{112}^{(21)}+m_{200}^{(22)}m_{210}^{(11)}m_{103}^{(10)}-m_{200}^{(22)}m_{210}^{(20)}m_{031}^{(21)}+m_{200}^{(22)}m_{210}^{(20)}m_{022}^{(11)}\\
&+m_{200}^{(22)}m_{210}^{(21)}m_{121}^{(21)}+m_{200}^{(22)}m_{210}^{(21)}m_{112}^{(11)}-2m_{200}^{(22)}m_{210}^{(21)}m_{022}^{(10)}-m_{200}^{(22)}m_{210}^{(22)}m_{121}^{(11)}\\
&+m_{200}^{(22)}m_{210}^{(22)}m_{031}^{(10)}-m_{200}^{(22)}m_{201}^{(10)}m_{031}^{(21)}+m_{200}^{(22)}m_{201}^{(10)}m_{022}^{(11)}+m_{200}^{(22)}m_{201}^{(11)}m_{121}^{(21)}\\
&-m_{200}^{(22)}m_{201}^{(11)}m_{022}^{(10)}+m_{200}^{(22)}m_{201}^{(20)}m_{040}^{(21)}-m_{200}^{(22)}m_{201}^{(20)}m_{031}^{(11)}-m_{200}^{(22)}m_{201}^{(21)}m_{130}^{(21)}\\
&-m_{200}^{(22)}m_{201}^{(21)}m_{121}^{(11)}+2m_{200}^{(22)}m_{201}^{(21)}m_{031}^{(10)}+m_{200}^{(22)}m_{201}^{(22)}m_{130}^{(11)}-m_{200}^{(22)}m_{201}^{(22)}m_{040}^{(10)}\\
&-m_{200}^{(22)}m_{120}^{(00)}m_{022}^{(21)}+m_{200}^{(22)}m_{120}^{(00)}m_{013}^{(11)}+m_{200}^{(22)}m_{120}^{(10)}m_{103}^{(11)}-m_{200}^{(22)}m_{120}^{(10)}m_{013}^{(10)}\\
&+m_{200}^{(22)}m_{120}^{(11)}m_{202}^{(21)}-m_{200}^{(22)}m_{120}^{(11)}m_{103}^{(10)}+2m_{200}^{(22)}m_{120}^{(20)}m_{121}^{(21)}-3m_{200}^{(22)}m_{120}^{(20)}m_{112}^{(11)}\\
&+m_{200}^{(22)}m_{120}^{(20)}m_{022}^{(10)}-2m_{200}^{(22)}m_{120}^{(21)}m_{211}^{(21)}-m_{200}^{(22)}m_{120}^{(21)}m_{202}^{(11)}+3m_{200}^{(22)}m_{120}^{(21)}m_{112}^{(10)}\\
&+2m_{200}^{(22)}m_{120}^{(22)}m_{211}^{(11)}-2m_{200}^{(22)}m_{120}^{(22)}m_{121}^{(10)}+2m_{200}^{(22)}m_{111}^{(00)}m_{031}^{(21)}-2m_{200}^{(22)}m_{111}^{(00)}m_{022}^{(11)}\\
&-2m_{200}^{(22)}m_{111}^{(10)}m_{121}^{(21)}+2m_{200}^{(22)}m_{111}^{(10)}m_{022}^{(10)}-2m_{200}^{(22)}m_{111}^{(20)}m_{130}^{(21)}+4m_{200}^{(22)}m_{111}^{(20)}m_{121}^{(11)}\\
&-2m_{200}^{(22)}m_{111}^{(20)}m_{031}^{(10)}+2m_{200}^{(22)}m_{111}^{(21)}m_{220}^{(21)}-2m_{200}^{(22)}m_{111}^{(21)}m_{121}^{(10)}-2m_{200}^{(22)}m_{111}^{(22)}m_{220}^{(11)}\\
&+2m_{200}^{(22)}m_{111}^{(22)}m_{130}^{(10)}-m_{200}^{(22)}m_{102}^{(00)}m_{040}^{(21)}+m_{200}^{(22)}m_{102}^{(00)}m_{031}^{(11)}+2m_{200}^{(22)}m_{102}^{(00)}m_{130}^{(21)}\\
&-m_{200}^{(22)}m_{102}^{(10)}m_{121}^{(11)}-m_{200}^{(22)}m_{102}^{(10)}m_{031}^{(10)}-m_{200}^{(22)}m_{102}^{(11)}m_{220}^{(21)}+m_{200}^{(22)}m_{102}^{(11)}m_{121}^{(10)}\\
&-m_{200}^{(22)}m_{102}^{(20)}m_{130}^{(11)}+m_{200}^{(22)}m_{102}^{(20)}m_{040}^{(10)}+m_{200}^{(22)}m_{102}^{(21)}m_{220}^{(11)}-m_{200}^{(22)}m_{102}^{(21)}m_{130}^{(10)}\\
&+m_{200}^{(22)}m_{030}^{(00)}m_{112}^{(21)}-m_{200}^{(22)}m_{030}^{(00)}m_{103}^{(11)}-m_{200}^{(22)}m_{030}^{(10)}m_{202}^{(21)}+m_{200}^{(22)}m_{030}^{(10)}m_{103}^{(10)}\\
&-m_{200}^{(22)}m_{030}^{(20)}m_{211}^{(21)}+2m_{200}^{(22)}m_{030}^{(20)}m_{202}^{(11)}-m_{200}^{(22)}m_{030}^{(20)}m_{112}^{(10)}+m_{200}^{(22)}m_{030}^{(21)}m_{301}^{(21)}\\
&-m_{200}^{(22)}m_{030}^{(21)}m_{202}^{(10)}-m_{200}^{(22)}m_{030}^{(22)}m_{301}^{(11)}+m_{200}^{(22)}m_{030}^{(22)}m_{211}^{(10)}-2m_{200}^{(22)}m_{021}^{(00)}m_{121}^{(21)}\\
&+2m_{200}^{(22)}m_{021}^{(00)}m_{112}^{(11)}+3m_{200}^{(22)}m_{021}^{(10)}m_{211}^{(21)}-m_{200}^{(22)}m_{021}^{(10)}m_{202}^{(11)}-2m_{200}^{(22)}m_{021}^{(10)}m_{112}^{(10)}\\
&-m_{200}^{(22)}m_{021}^{(11)}m_{301}^{(21)}+m_{200}^{(22)}m_{021}^{(11)}m_{202}^{(10)}+m_{200}^{(22)}m_{021}^{(20)}m_{220}^{(21)}-3m_{200}^{(22)}m_{021}^{(20)}m_{211}^{(11)}\\
&+2m_{200}^{(22)}m_{021}^{(20)}m_{121}^{(10)}-m_{200}^{(22)}m_{021}^{(21)}m_{310}^{(21)}+m_{200}^{(22)}m_{021}^{(21)}m_{301}^{(11)}+m_{200}^{(22)}m_{021}^{(22)}m_{310}^{(11)}\\
&-m_{200}^{(22)}m_{021}^{(22)}m_{220}^{(10)}+m_{200}^{(22)}m_{012}^{(00)}m_{130}^{(21)}-m_{200}^{(22)}m_{012}^{(00)}m_{121}^{(11)}-2m_{200}^{(22)}m_{012}^{(10)}m_{220}^{(21)}\\
&+m_{200}^{(22)}m_{012}^{(10)}m_{211}^{(11)}+m_{200}^{(22)}m_{012}^{(10)}m_{121}^{(10)}+m_{200}^{(22)}m_{012}^{(11)}m_{310}^{(21)}-m_{200}^{(22)}m_{012}^{(11)}m_{211}^{(10)}\\
&+m_{200}^{(22)}m_{012}^{(20)}m_{220}^{(11)}-m_{200}^{(22)}m_{012}^{(20)}m_{130}^{(10)}-m_{200}^{(22)}m_{012}^{(21)}m_{310}^{(11)}+m_{200}^{(22)}m_{012}^{(21)}m_{220}^{(10)}\\
&+m_{110}^{(00)}m_{120}^{(10)}m_{013}^{(22)}-m_{110}^{(00)}m_{120}^{(10)}m_{004}^{(21)}-m_{110}^{(00)}m_{120}^{(11)}m_{103}^{(22)}+m_{110}^{(00)}m_{120}^{(11)}m_{004}^{(20)}\\
&-m_{110}^{(00)}m_{120}^{(20)}m_{022}^{(22)}+m_{110}^{(00)}m_{120}^{(20)}m_{013}^{(21)}+m_{110}^{(00)}m_{120}^{(21)}m_{112}^{(22)}+m_{110}^{(00)}m_{120}^{(21)}m_{103}^{(21)}
\end{aligned}
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\begin{aligned}
&-2m_{110}^{(00)}m_{120}^{(21)}m_{013}^{(20)} - m_{110}^{(00)}m_{120}^{(22)}m_{112}^{(21)} + m_{110}^{(00)}m_{120}^{(22)}m_{022}^{(20)} - 2m_{110}^{(00)}m_{111}^{(10)}m_{022}^{(22)}\\
&+2m_{110}^{(00)}m_{111}^{(10)}m_{013}^{(21)} + 2m_{110}^{(00)}m_{111}^{(11)}m_{112}^{(22)} - 2m_{110}^{(00)}m_{111}^{(11)}m_{013}^{(20)} + 2m_{110}^{(00)}m_{111}^{(20)}m_{031}^{(22)}\\
&-2m_{110}^{(00)}m_{111}^{(20)}m_{022}^{(21)} - 2m_{110}^{(00)}m_{111}^{(21)}m_{121}^{(22)} - 2m_{110}^{(00)}m_{111}^{(21)}m_{112}^{(21)} + 4m_{110}^{(00)}m_{111}^{(21)}m_{022}^{(20)}\\
&+2m_{110}^{(00)}m_{111}^{(22)}m_{121}^{(21)} - 2m_{110}^{(00)}m_{111}^{(22)}m_{031}^{(20)} + m_{110}^{(00)}m_{102}^{(10)}m_{031}^{(22)} - m_{110}^{(00)}m_{102}^{(10)}m_{022}^{(21)}\\
&-m_{110}^{(00)}m_{102}^{(11)}m_{121}^{(22)} + m_{110}^{(00)}m_{102}^{(11)}m_{022}^{(20)} - m_{110}^{(00)}m_{102}^{(20)}m_{040}^{(22)} + m_{110}^{(00)}m_{102}^{(20)}m_{031}^{(21)}\\
&+m_{110}^{(00)}m_{102}^{(21)}m_{130}^{(22)} + m_{110}^{(00)}m_{102}^{(21)}m_{121}^{(21)} - 2m_{110}^{(00)}m_{102}^{(21)}m_{031}^{(20)} - m_{110}^{(00)}m_{102}^{(22)}m_{130}^{(21)}\\
&+m_{110}^{(00)}m_{102}^{(22)}m_{040}^{(20)} - m_{110}^{(00)}m_{030}^{(00)}m_{013}^{(22)} + m_{110}^{(00)}m_{030}^{(00)}m_{004}^{(21)} + m_{110}^{(00)}m_{030}^{(10)}m_{103}^{(22)}\\
&-m_{110}^{(00)}m_{030}^{(10)}m_{004}^{(20)} + m_{110}^{(00)}m_{030}^{(20)}m_{112}^{(22)} - 2m_{110}^{(00)}m_{030}^{(20)}m_{103}^{(21)} + m_{110}^{(00)}m_{030}^{(20)}m_{013}^{(20)}\\
&-m_{110}^{(00)}m_{030}^{(21)}m_{202}^{(22)} + m_{110}^{(00)}m_{030}^{(21)}m_{103}^{(20)} + m_{110}^{(00)}m_{030}^{(22)}m_{202}^{(21)} - m_{110}^{(00)}m_{030}^{(22)}m_{112}^{(20)}\\
&+3m_{110}^{(00)}m_{021}^{(00)}m_{022}^{(22)} - 3m_{110}^{(00)}m_{021}^{(00)}m_{013}^{(21)} - 4m_{110}^{(00)}m_{021}^{(10)}m_{112}^{(22)} + m_{110}^{(00)}m_{021}^{(10)}m_{103}^{(21)}\\
&+3m_{110}^{(00)}m_{021}^{(10)}m_{013}^{(20)} + m_{110}^{(00)}m_{021}^{(11)}m_{202}^{(22)} - m_{110}^{(00)}m_{021}^{(11)}m_{103}^{(20)} - 2m_{110}^{(00)}m_{021}^{(20)}m_{121}^{(22)}\\
&+5m_{110}^{(00)}m_{021}^{(20)}m_{112}^{(21)} - 3m_{110}^{(00)}m_{021}^{(20)}m_{022}^{(20)} + 2m_{110}^{(00)}m_{021}^{(21)}m_{211}^{(22)} - m_{110}^{(00)}m_{021}^{(21)}m_{202}^{(21)}\\
&-m_{110}^{(00)}m_{021}^{(21)}m_{112}^{(20)} - 2m_{110}^{(00)}m_{021}^{(22)}m_{211}^{(21)} + 2m_{110}^{(00)}m_{021}^{(22)}m_{121}^{(20)} - 3m_{110}^{(00)}m_{012}^{(00)}m_{031}^{(22)}\\
&+3m_{110}^{(00)}m_{012}^{(00)}m_{022}^{(21)} + 5m_{110}^{(00)}m_{012}^{(10)}m_{121}^{(22)} - 2m_{110}^{(00)}m_{012}^{(10)}m_{112}^{(21)} - 3m_{110}^{(00)}m_{012}^{(10)}m_{022}^{(20)}\\
&-2m_{110}^{(00)}m_{012}^{(11)}m_{211}^{(22)} + 2m_{110}^{(00)}m_{012}^{(11)}m_{112}^{(20)} + m_{110}^{(00)}m_{012}^{(20)}m_{130}^{(22)} - 4m_{110}^{(00)}m_{012}^{(20)}m_{121}^{(21)}\\
&+3m_{110}^{(00)}m_{012}^{(20)}m_{031}^{(20)} - m_{110}^{(00)}m_{012}^{(21)}m_{220}^{(22)} + 2m_{110}^{(00)}m_{012}^{(21)}m_{211}^{(21)} - m_{110}^{(00)}m_{012}^{(21)}m_{121}^{(20)}\\
&+m_{110}^{(00)}m_{012}^{(22)}m_{220}^{(21)} - m_{110}^{(00)}m_{012}^{(22)}m_{130}^{(20)} + m_{110}^{(00)}m_{003}^{(00)}m_{040}^{(22)} - m_{110}^{(00)}m_{003}^{(00)}m_{031}^{(21)}\\
&-2m_{110}^{(00)}m_{003}^{(10)}m_{130}^{(22)} + m_{110}^{(00)}m_{003}^{(10)}m_{121}^{(21)} + m_{110}^{(00)}m_{003}^{(10)}m_{031}^{(20)} + m_{110}^{(00)}m_{003}^{(11)}m_{220}^{(22)}\\
&-m_{110}^{(00)}m_{003}^{(11)}m_{121}^{(20)} + m_{110}^{(00)}m_{003}^{(20)}m_{130}^{(21)} - m_{110}^{(00)}m_{003}^{(20)}m_{040}^{(20)} - m_{110}^{(00)}m_{003}^{(21)}m_{220}^{(21)}\\
&+m_{110}^{(00)}m_{003}^{(21)}m_{130}^{(20)} - m_{110}^{(11)}m_{300}^{(10)}m_{013}^{(22)} + m_{110}^{(11)}m_{300}^{(10)}m_{004}^{(21)} + m_{110}^{(11)}m_{300}^{(11)}m_{103}^{(22)}\\
&-m_{110}^{(11)}m_{300}^{(11)}m_{004}^{(20)} + m_{110}^{(11)}m_{300}^{(20)}m_{022}^{(22)} - m_{110}^{(11)}m_{300}^{(20)}m_{013}^{(21)} - m_{110}^{(11)}m_{300}^{(21)}m_{112}^{(22)}\\
&-m_{110}^{(11)}m_{300}^{(21)}m_{103}^{(21)} + 2m_{110}^{(11)}m_{300}^{(21)}m_{013}^{(20)} + m_{110}^{(11)}m_{300}^{(22)}m_{112}^{(21)} - m_{110}^{(11)}m_{300}^{(22)}m_{022}^{(20)}\\
&+m_{110}^{(11)}m_{210}^{(00)}m_{013}^{(22)} - m_{110}^{(11)}m_{210}^{(00)}m_{004}^{(21)} - m_{110}^{(11)}m_{210}^{(10)}m_{103}^{(22)} + m_{110}^{(11)}m_{210}^{(10)}m_{004}^{(20)}\\
&-m_{110}^{(11)}m_{210}^{(20)}m_{112}^{(22)} + 2m_{110}^{(11)}m_{210}^{(20)}m_{103}^{(21)} - m_{110}^{(11)}m_{210}^{(20)}m_{013}^{(20)} + m_{110}^{(11)}m_{210}^{(21)}m_{202}^{(22)}\\
&-m_{110}^{(11)}m_{210}^{(21)}m_{103}^{(20)} - m_{110}^{(11)}m_{210}^{(22)}m_{202}^{(21)} + m_{110}^{(11)}m_{210}^{(22)}m_{112}^{(20)} - m_{110}^{(11)}m_{201}^{(00)}m_{022}^{(22)}\\
&+m_{110}^{(11)}m_{201}^{(00)}m_{013}^{(21)} + 4m_{110}^{(11)}m_{201}^{(10)}m_{112}^{(22)} - 3m_{110}^{(11)}m_{201}^{(10)}m_{103}^{(21)} - m_{110}^{(11)}m_{201}^{(10)}m_{013}^{(20)}\\
&-3m_{110}^{(11)}m_{201}^{(11)}m_{202}^{(22)} + 3m_{110}^{(11)}m_{201}^{(11)}m_{103}^{(20)} - 2m_{110}^{(11)}m_{201}^{(20)}m_{121}^{(22)} + m_{110}^{(11)}m_{201}^{(20)}m_{112}^{(21)}\\
&+m_{110}^{(11)}m_{201}^{(20)}m_{022}^{(20)} + 2m_{110}^{(11)}m_{201}^{(21)}m_{211}^{(22)} + 3m_{110}^{(11)}m_{201}^{(21)}m_{202}^{(21)} - 5m_{110}^{(11)}m_{201}^{(21)}m_{112}^{(20)}\\
&-2m_{110}^{(11)}m_{201}^{(22)}m_{211}^{(21)} + 2m_{110}^{(11)}m_{201}^{(22)}m_{121}^{(20)} - 2m_{110}^{(11)}m_{111}^{(00)}m_{112}^{(22)} + 2m_{110}^{(11)}m_{111}^{(00)}m_{103}^{(21)}\\
&+2m_{110}^{(11)}m_{111}^{(10)}m_{202}^{(22)} - 2m_{110}^{(11)}m_{111}^{(10)}m_{103}^{(20)} + 2m_{110}^{(11)}m_{111}^{(20)}m_{211}^{(22)} - 4m_{110}^{(11)}m_{111}^{(20)}m_{202}^{(21)}\\
&+2m_{110}^{(11)}m_{111}^{(20)}m_{112}^{(20)} - 2m_{110}^{(11)}m_{111}^{(21)}m_{301}^{(22)} + 2m_{110}^{(11)}m_{111}^{(21)}m_{202}^{(20)} + 2m_{110}^{(11)}m_{111}^{(22)}m_{301}^{(21)}\\
&-2m_{110}^{(11)}m_{111}^{(22)}m_{211}^{(20)} + 2m_{110}^{(11)}m_{102}^{(00)}m_{121}^{(22)} - 2m_{110}^{(11)}m_{102}^{(00)}m_{112}^{(21)} - 5m_{110}^{(11)}m_{102}^{(10)}m_{211}^{(22)}\\
&+3m_{110}^{(11)}m_{102}^{(10)}m_{202}^{(21)} + 2m_{110}^{(11)}m_{102}^{(10)}m_{112}^{(20)} + 3m_{110}^{(11)}m_{102}^{(11)}m_{301}^{(22)} - 3m_{110}^{(11)}m_{102}^{(11)}m_{202}^{(20)}\\
&+m_{110}^{(11)}m_{102}^{(20)}m_{220}^{(22)} + m_{110}^{(11)}m_{102}^{(20)}m_{211}^{(21)} - 2m_{110}^{(11)}m_{102}^{(20)}m_{121}^{(20)} - m_{110}^{(11)}m_{102}^{(21)}m_{310}^{(22)}\\
&-3m_{110}^{(11)}m_{102}^{(21)}m_{301}^{(21)} + 4m_{110}^{(11)}m_{102}^{(21)}m_{211}^{(20)} + m_{110}^{(11)}m_{102}^{(22)}m_{310}^{(21)} - m_{110}^{(11)}m_{102}^{(22)}m_{220}^{(20)}\\
&+m_{110}^{(11)}m_{012}^{(00)}m_{211}^{(22)} - m_{110}^{(11)}m_{012}^{(00)}m_{202}^{(21)} - m_{110}^{(11)}m_{012}^{(10)}m_{301}^{(22)} + m_{110}^{(11)}m_{012}^{(10)}m_{202}^{(20)}\\
&-m_{110}^{(11)}m_{012}^{(20)}m_{310}^{(22)} + 2m_{110}^{(11)}m_{012}^{(20)}m_{301}^{(21)} - m_{110}^{(11)}m_{012}^{(20)}m_{211}^{(20)} + m_{110}^{(11)}m_{012}^{(21)}m_{400}^{(22)}\\
&-m_{110}^{(11)}m_{012}^{(21)}m_{301}^{(20)} - m_{110}^{(11)}m_{012}^{(22)}m_{400}^{(21)} + m_{110}^{(11)}m_{012}^{(22)}m_{310}^{(20)} - m_{110}^{(11)}m_{003}^{(00)}m_{220}^{(22)}
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\begin{aligned}
&+m_{110}^{(11)}m_{003}^{(00)}m_{211}^{(21)}+2m_{110}^{(11)}m_{003}^{(10)}m_{310}^{(22)}-m_{110}^{(11)}m_{003}^{(10)}m_{301}^{(21)}-m_{110}^{(11)}m_{003}^{(10)}m_{211}^{(20)}\\
&-m_{110}^{(11)}m_{003}^{(11)}m_{400}^{(22)}+m_{110}^{(11)}m_{003}^{(11)}m_{301}^{(20)}-m_{110}^{(11)}m_{003}^{(20)}m_{310}^{(21)}+m_{110}^{(11)}m_{003}^{(20)}m_{220}^{(20)}\\
&+m_{110}^{(11)}m_{003}^{(21)}m_{400}^{(21)}-m_{110}^{(11)}m_{003}^{(21)}m_{310}^{(20)}+m_{110}^{(20)}m_{210}^{(10)}m_{022}^{(22)}-2m_{110}^{(20)}m_{210}^{(10)}m_{013}^{(21)}\\
&+m_{110}^{(20)}m_{210}^{(10)}m_{004}^{(11)}-m_{110}^{(20)}m_{210}^{(11)}m_{112}^{(22)}+m_{110}^{(20)}m_{210}^{(11)}m_{103}^{(21)}+m_{110}^{(20)}m_{210}^{(11)}m_{013}^{(20)}\\
&-m_{110}^{(20)}m_{210}^{(11)}m_{004}^{(10)}-m_{110}^{(20)}m_{210}^{(20)}m_{031}^{(22)}+2m_{110}^{(20)}m_{210}^{(20)}m_{022}^{(21)}-m_{110}^{(20)}m_{210}^{(20)}m_{013}^{(11)}\\
&+m_{110}^{(20)}m_{210}^{(21)}m_{121}^{(22)}-m_{110}^{(20)}m_{210}^{(21)}m_{103}^{(11)}-2m_{110}^{(20)}m_{210}^{(21)}m_{022}^{(20)}+2m_{110}^{(20)}m_{210}^{(21)}m_{013}^{(10)}\\
&-m_{110}^{(20)}m_{210}^{(22)}m_{121}^{(21)}+m_{110}^{(20)}m_{210}^{(22)}m_{112}^{(11)}+m_{110}^{(20)}m_{210}^{(22)}m_{031}^{(20)}-m_{110}^{(20)}m_{210}^{(22)}m_{022}^{(10)}\\
&-m_{110}^{(20)}m_{201}^{(10)}m_{031}^{(22)}+2m_{110}^{(20)}m_{201}^{(10)}m_{022}^{(21)}-m_{110}^{(20)}m_{201}^{(10)}m_{013}^{(11)}+m_{110}^{(20)}m_{201}^{(11)}m_{121}^{(22)}\\
&-m_{110}^{(20)}m_{201}^{(11)}m_{112}^{(21)}-m_{110}^{(20)}m_{201}^{(11)}m_{022}^{(20)}+m_{110}^{(20)}m_{201}^{(11)}m_{013}^{(10)}+m_{110}^{(20)}m_{201}^{(20)}m_{040}^{(22)}\\
&-2m_{110}^{(20)}m_{201}^{(20)}m_{031}^{(21)}+m_{110}^{(20)}m_{201}^{(20)}m_{022}^{(11)}-m_{110}^{(20)}m_{201}^{(21)}m_{130}^{(22)}+m_{110}^{(20)}m_{201}^{(21)}m_{112}^{(11)}\\
&+2m_{110}^{(20)}m_{201}^{(21)}m_{031}^{(20)}-2m_{110}^{(20)}m_{201}^{(21)}m_{022}^{(10)}+m_{110}^{(20)}m_{201}^{(22)}m_{130}^{(21)}-m_{110}^{(20)}m_{201}^{(22)}m_{121}^{(11)}\\
&-m_{110}^{(20)}m_{201}^{(22)}m_{040}^{(20)}+m_{110}^{(20)}m_{201}^{(22)}m_{031}^{(10)}-m_{110}^{(20)}m_{120}^{(00)}m_{022}^{(22)}+2m_{110}^{(20)}m_{120}^{(00)}m_{013}^{(21)}\\
&-m_{110}^{(20)}m_{120}^{(00)}m_{004}^{(11)}-2m_{110}^{(20)}m_{120}^{(10)}m_{013}^{(20)}+2m_{110}^{(20)}m_{120}^{(10)}m_{004}^{(10)}+m_{110}^{(20)}m_{120}^{(11)}m_{202}^{(22)}\\
&-m_{110}^{(20)}m_{120}^{(11)}m_{004}^{(00)}+2m_{110}^{(20)}m_{120}^{(20)}m_{121}^{(22)}-4m_{110}^{(20)}m_{120}^{(20)}m_{112}^{(21)}+2m_{110}^{(20)}m_{120}^{(20)}m_{103}^{(11)}\\
&+2m_{110}^{(20)}m_{120}^{(20)}m_{022}^{(20)}-2m_{110}^{(20)}m_{120}^{(20)}m_{013}^{(10)}-2m_{110}^{(20)}m_{120}^{(21)}m_{211}^{(22)}+2m_{110}^{(20)}m_{120}^{(21)}m_{112}^{(20)}\\
&-2m_{110}^{(20)}m_{120}^{(21)}m_{103}^{(10)}+2m_{110}^{(20)}m_{120}^{(21)}m_{013}^{(00)}+2m_{110}^{(20)}m_{120}^{(22)}m_{211}^{(21)}-m_{110}^{(20)}m_{120}^{(22)}m_{202}^{(11)}\\
&-2m_{110}^{(20)}m_{120}^{(22)}m_{121}^{(20)}+2m_{110}^{(20)}m_{120}^{(22)}m_{112}^{(10)}-m_{110}^{(20)}m_{120}^{(22)}m_{022}^{(00)}+2m_{110}^{(20)}m_{111}^{(00)}m_{031}^{(22)}\\
&-4m_{110}^{(20)}m_{111}^{(00)}m_{022}^{(21)}+2m_{110}^{(20)}m_{111}^{(00)}m_{013}^{(11)}-2m_{110}^{(20)}m_{111}^{(10)}m_{121}^{(22)}+4m_{110}^{(20)}m_{111}^{(10)}m_{112}^{(21)}\\
&-2m_{110}^{(20)}m_{111}^{(10)}m_{103}^{(11)}+4m_{110}^{(20)}m_{111}^{(10)}m_{022}^{(20)}-4m_{110}^{(20)}m_{111}^{(10)}m_{013}^{(10)}-2m_{110}^{(20)}m_{111}^{(11)}m_{202}^{(21)}\\
&-2m_{110}^{(20)}m_{111}^{(11)}m_{112}^{(20)}+2m_{110}^{(20)}m_{111}^{(11)}m_{103}^{(10)}+2m_{110}^{(20)}m_{111}^{(11)}m_{013}^{(00)}-2m_{110}^{(20)}m_{111}^{(20)}m_{130}^{(22)}\\
&+4m_{110}^{(20)}m_{111}^{(20)}m_{121}^{(21)}-2m_{110}^{(20)}m_{111}^{(20)}m_{112}^{(11)}-4m_{110}^{(20)}m_{111}^{(20)}m_{031}^{(20)}+4m_{110}^{(20)}m_{111}^{(20)}m_{022}^{(10)}\\
&+2m_{110}^{(20)}m_{111}^{(21)}m_{220}^{(22)}+2m_{110}^{(20)}m_{111}^{(21)}m_{202}^{(11)}-4m_{110}^{(20)}m_{111}^{(21)}m_{022}^{(00)}-2m_{110}^{(20)}m_{111}^{(22)}m_{220}^{(21)}\\
&+2m_{110}^{(20)}m_{111}^{(22)}m_{130}^{(20)}-2m_{110}^{(20)}m_{111}^{(22)}m_{121}^{(10)}+2m_{110}^{(20)}m_{111}^{(22)}m_{031}^{(00)}-m_{110}^{(20)}m_{102}^{(00)}m_{040}^{(22)}\\
&+2m_{110}^{(20)}m_{102}^{(00)}m_{031}^{(21)}-m_{110}^{(20)}m_{102}^{(00)}m_{022}^{(11)}+2m_{110}^{(20)}m_{102}^{(10)}m_{130}^{(22)}-4m_{110}^{(20)}m_{102}^{(10)}m_{121}^{(21)}\\
&+2m_{110}^{(20)}m_{102}^{(10)}m_{112}^{(11)}-2m_{110}^{(20)}m_{102}^{(10)}m_{031}^{(20)}+2m_{110}^{(20)}m_{102}^{(10)}m_{022}^{(10)}-m_{110}^{(20)}m_{102}^{(11)}m_{220}^{(22)}\\
&+2m_{110}^{(20)}m_{102}^{(11)}m_{211}^{(21)}+2m_{110}^{(20)}m_{102}^{(11)}m_{121}^{(20)}-2m_{110}^{(20)}m_{102}^{(11)}m_{112}^{(10)}-m_{110}^{(20)}m_{102}^{(11)}m_{022}^{(00)}\\
&+2m_{110}^{(20)}m_{102}^{(20)}m_{040}^{(20)}-2m_{110}^{(20)}m_{102}^{(20)}m_{031}^{(10)}-2m_{110}^{(20)}m_{102}^{(21)}m_{211}^{(11)}-2m_{110}^{(20)}m_{102}^{(21)}m_{130}^{(20)}\\
&+2m_{110}^{(20)}m_{102}^{(21)}m_{121}^{(10)}+2m_{110}^{(20)}m_{102}^{(21)}m_{031}^{(00)}+m_{110}^{(20)}m_{102}^{(22)}m_{220}^{(11)}-m_{110}^{(20)}m_{102}^{(22)}m_{040}^{(00)}\\
&+m_{110}^{(20)}m_{030}^{(00)}m_{112}^{(22)}-m_{110}^{(20)}m_{030}^{(00)}m_{103}^{(21)}+m_{110}^{(20)}m_{030}^{(00)}m_{013}^{(20)}-m_{110}^{(20)}m_{030}^{(00)}m_{004}^{(10)}\\
&-m_{110}^{(20)}m_{030}^{(10)}m_{202}^{(22)}+m_{110}^{(20)}m_{030}^{(10)}m_{004}^{(00)}-m_{110}^{(20)}m_{030}^{(20)}m_{211}^{(22)}+2m_{110}^{(20)}m_{030}^{(20)}m_{202}^{(21)}\\
&-2m_{110}^{(20)}m_{030}^{(20)}m_{112}^{(20)}+2m_{110}^{(20)}m_{030}^{(20)}m_{103}^{(10)}-m_{110}^{(20)}m_{030}^{(20)}m_{013}^{(00)}+m_{110}^{(20)}m_{030}^{(21)}m_{301}^{(22)}\\
&-m_{110}^{(20)}m_{030}^{(21)}m_{103}^{(00)}-m_{110}^{(20)}m_{030}^{(22)}m_{301}^{(21)}+m_{110}^{(20)}m_{030}^{(22)}m_{211}^{(20)}-m_{110}^{(20)}m_{030}^{(22)}m_{202}^{(10)}\\
&+m_{110}^{(20)}m_{030}^{(22)}m_{112}^{(00)}-2m_{110}^{(20)}m_{021}^{(00)}m_{121}^{(22)}+m_{110}^{(20)}m_{021}^{(00)}m_{112}^{(21)}+m_{110}^{(20)}m_{021}^{(00)}m_{103}^{(11)}\\
&-3m_{110}^{(20)}m_{021}^{(00)}m_{022}^{(20)}+3m_{110}^{(20)}m_{021}^{(00)}m_{013}^{(10)}+3m_{110}^{(20)}m_{021}^{(10)}m_{211}^{(22)}+2m_{110}^{(20)}m_{021}^{(10)}m_{112}^{(20)}\\
&-2m_{110}^{(20)}m_{021}^{(10)}m_{103}^{(10)}-3m_{110}^{(20)}m_{021}^{(10)}m_{013}^{(00)}-m_{110}^{(20)}m_{021}^{(11)}m_{301}^{(22)}+m_{110}^{(20)}m_{021}^{(11)}m_{103}^{(00)}\\
&+m_{110}^{(20)}m_{021}^{(20)}m_{220}^{(22)}-2m_{110}^{(20)}m_{021}^{(20)}m_{211}^{(21)}-2m_{110}^{(20)}m_{021}^{(20)}m_{202}^{(11)}+4m_{110}^{(20)}m_{021}^{(20)}m_{121}^{(20)}\\
&-4m_{110}^{(20)}m_{021}^{(20)}m_{112}^{(10)}+3m_{110}^{(20)}m_{021}^{(20)}m_{022}^{(00)}-m_{110}^{(20)}m_{021}^{(21)}m_{310}^{(22)}-2m_{110}^{(20)}m_{021}^{(21)}m_{211}^{(20)}\\
&+2m_{110}^{(20)}m_{021}^{(21)}m_{202}^{(10)}+m_{110}^{(20)}m_{021}^{(21)}m_{112}^{(00)}+m_{110}^{(20)}m_{021}^{(22)}m_{310}^{(21)}+m_{110}^{(20)}m_{021}^{(22)}m_{301}^{(11)}
\end{aligned}
$$

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\begin{aligned}
&-m_{110}^{(20)}m_{021}^{(22)}m_{220}^{(20)}+m_{110}^{(20)}m_{021}^{(22)}m_{211}^{(10)}-2m_{110}^{(20)}m_{021}^{(22)}m_{121}^{(00)}+m_{110}^{(20)}m_{012}^{(00)}m_{130}^{(22)}\\
&+m_{110}^{(20)}m_{012}^{(00)}m_{121}^{(21)}-2m_{110}^{(20)}m_{012}^{(00)}m_{112}^{(11)}+3m_{110}^{(20)}m_{012}^{(00)}m_{031}^{(20)}-3m_{110}^{(20)}m_{012}^{(00)}m_{022}^{(10)}\\
&-2m_{110}^{(20)}m_{012}^{(10)}m_{220}^{(22)}-2m_{110}^{(20)}m_{012}^{(10)}m_{211}^{(21)}+m_{110}^{(20)}m_{012}^{(10)}m_{202}^{(11)}-4m_{110}^{(20)}m_{012}^{(10)}m_{121}^{(20)}\\
&+4m_{110}^{(20)}m_{012}^{(10)}m_{112}^{(10)}+3m_{110}^{(20)}m_{012}^{(10)}m_{022}^{(00)}+m_{110}^{(20)}m_{012}^{(11)}m_{310}^{(22)}+m_{110}^{(20)}m_{012}^{(11)}m_{301}^{(21)}\\
&+m_{110}^{(20)}m_{012}^{(11)}m_{211}^{(20)}-m_{110}^{(20)}m_{012}^{(11)}m_{202}^{(10)}-2m_{110}^{(20)}m_{012}^{(11)}m_{112}^{(00)}+3m_{110}^{(20)}m_{012}^{(20)}m_{211}^{(11)}\\
&-2m_{110}^{(20)}m_{012}^{(20)}m_{130}^{(20)}+2m_{110}^{(20)}m_{012}^{(20)}m_{121}^{(10)}-3m_{110}^{(20)}m_{012}^{(20)}m_{031}^{(00)}-m_{110}^{(20)}m_{012}^{(21)}m_{301}^{(11)}\\
&+2m_{110}^{(20)}m_{012}^{(21)}m_{220}^{(20)}-2m_{110}^{(20)}m_{012}^{(21)}m_{211}^{(10)}+m_{110}^{(20)}m_{012}^{(21)}m_{121}^{(00)}-m_{110}^{(20)}m_{012}^{(22)}m_{310}^{(11)}\\
&+m_{110}^{(20)}m_{012}^{(22)}m_{130}^{(00)}-m_{110}^{(20)}m_{003}^{(00)}m_{130}^{(21)}+m_{110}^{(20)}m_{003}^{(00)}m_{121}^{(11)}-m_{110}^{(20)}m_{003}^{(00)}m_{040}^{(20)}\\
&+m_{110}^{(20)}m_{003}^{(00)}m_{031}^{(10)}+2m_{110}^{(20)}m_{003}^{(10)}m_{220}^{(21)}-m_{110}^{(20)}m_{003}^{(10)}m_{211}^{(11)}+2m_{110}^{(20)}m_{003}^{(10)}m_{130}^{(20)}\\
&-2m_{110}^{(20)}m_{003}^{(10)}m_{121}^{(10)}-m_{110}^{(20)}m_{003}^{(10)}m_{031}^{(00)}-m_{110}^{(20)}m_{003}^{(11)}m_{310}^{(21)}-m_{110}^{(20)}m_{003}^{(11)}m_{220}^{(20)}\\
&+m_{110}^{(20)}m_{003}^{(11)}m_{211}^{(10)}+m_{110}^{(20)}m_{003}^{(11)}m_{121}^{(00)}-m_{110}^{(20)}m_{003}^{(20)}m_{220}^{(11)}+m_{110}^{(20)}m_{003}^{(20)}m_{040}^{(00)}\\
&+m_{110}^{(20)}m_{003}^{(21)}m_{310}^{(11)}-m_{110}^{(20)}m_{003}^{(21)}m_{130}^{(00)}+m_{110}^{(21)}m_{300}^{(10)}m_{022}^{(22)}-m_{110}^{(21)}m_{300}^{(10)}m_{004}^{(11)}\\
&-m_{110}^{(21)}m_{300}^{(11)}m_{112}^{(22)}-m_{110}^{(21)}m_{300}^{(11)}m_{103}^{(21)}+m_{110}^{(21)}m_{300}^{(11)}m_{013}^{(20)}+m_{110}^{(21)}m_{300}^{(11)}m_{004}^{(10)}\\
&-m_{110}^{(21)}m_{300}^{(20)}m_{031}^{(22)}+m_{110}^{(21)}m_{300}^{(20)}m_{013}^{(11)}+m_{110}^{(21)}m_{300}^{(21)}m_{121}^{(22)}+2m_{110}^{(21)}m_{300}^{(21)}m_{112}^{(21)}\\
&+m_{110}^{(21)}m_{300}^{(21)}m_{103}^{(11)}-2m_{110}^{(21)}m_{300}^{(21)}m_{022}^{(20)}-2m_{110}^{(21)}m_{300}^{(21)}m_{013}^{(10)}-m_{110}^{(21)}m_{300}^{(22)}m_{121}^{(21)}\\
&-m_{110}^{(21)}m_{300}^{(22)}m_{112}^{(11)}+m_{110}^{(21)}m_{300}^{(22)}m_{031}^{(20)}+m_{110}^{(21)}m_{300}^{(22)}m_{022}^{(10)}-m_{110}^{(21)}m_{210}^{(00)}m_{022}^{(22)}\\
&+m_{110}^{(21)}m_{210}^{(00)}m_{004}^{(11)}+2m_{110}^{(21)}m_{210}^{(10)}m_{103}^{(21)}-2m_{110}^{(21)}m_{210}^{(10)}m_{004}^{(10)}+m_{110}^{(21)}m_{210}^{(11)}m_{202}^{(22)}\\
&-2m_{110}^{(21)}m_{210}^{(11)}m_{103}^{(20)}+m_{110}^{(21)}m_{210}^{(11)}m_{004}^{(00)}+2m_{110}^{(21)}m_{210}^{(20)}m_{121}^{(22)}-2m_{110}^{(21)}m_{210}^{(20)}m_{112}^{(21)}\\
&-2m_{110}^{(21)}m_{210}^{(20)}m_{103}^{(11)}+2m_{110}^{(21)}m_{210}^{(20)}m_{013}^{(10)}-2m_{110}^{(21)}m_{210}^{(21)}m_{211}^{(22)}-2m_{110}^{(21)}m_{210}^{(21)}m_{202}^{(21)}\\
&+4m_{110}^{(21)}m_{210}^{(21)}m_{112}^{(20)}+2m_{110}^{(21)}m_{210}^{(21)}m_{103}^{(10)}-2m_{110}^{(21)}m_{210}^{(21)}m_{013}^{(00)}+2m_{110}^{(21)}m_{210}^{(22)}m_{211}^{(21)}\\
&+m_{110}^{(21)}m_{210}^{(22)}m_{202}^{(11)}-2m_{110}^{(21)}m_{210}^{(22)}m_{121}^{(20)}-2m_{110}^{(21)}m_{210}^{(22)}m_{112}^{(10)}+m_{110}^{(21)}m_{210}^{(22)}m_{022}^{(00)}\\
&+m_{110}^{(21)}m_{201}^{(00)}m_{031}^{(22)}-m_{110}^{(21)}m_{201}^{(00)}m_{013}^{(11)}-3m_{110}^{(21)}m_{201}^{(10)}m_{121}^{(22)}-2m_{110}^{(21)}m_{201}^{(10)}m_{112}^{(21)}\\
&+3m_{110}^{(21)}m_{201}^{(10)}m_{103}^{(11)}+2m_{110}^{(21)}m_{201}^{(10)}m_{013}^{(10)}+2m_{110}^{(21)}m_{201}^{(11)}m_{211}^{(22)}+3m_{110}^{(21)}m_{201}^{(11)}m_{202}^{(21)}\\
&-m_{110}^{(21)}m_{201}^{(11)}m_{112}^{(20)}-3m_{110}^{(21)}m_{201}^{(11)}m_{103}^{(10)}-m_{110}^{(21)}m_{201}^{(11)}m_{013}^{(00)}+m_{110}^{(21)}m_{201}^{(20)}m_{130}^{(22)}\\
&+2m_{110}^{(21)}m_{201}^{(20)}m_{121}^{(21)}-m_{110}^{(21)}m_{201}^{(20)}m_{112}^{(11)}-2m_{110}^{(21)}m_{201}^{(20)}m_{022}^{(10)}-m_{110}^{(21)}m_{201}^{(21)}m_{220}^{(22)}\\
&-4m_{110}^{(21)}m_{201}^{(21)}m_{211}^{(21)}-3m_{110}^{(21)}m_{201}^{(21)}m_{202}^{(11)}+2m_{110}^{(21)}m_{201}^{(21)}m_{121}^{(20)}+4m_{110}^{(21)}m_{201}^{(21)}m_{112}^{(10)}\\
&+2m_{110}^{(21)}m_{201}^{(21)}m_{022}^{(00)}+m_{110}^{(21)}m_{201}^{(22)}m_{220}^{(21)}+2m_{110}^{(21)}m_{201}^{(22)}m_{211}^{(11)}-m_{110}^{(21)}m_{201}^{(22)}m_{130}^{(20)}\\
&-m_{110}^{(21)}m_{201}^{(22)}m_{121}^{(10)}-m_{110}^{(21)}m_{201}^{(22)}m_{031}^{(00)}+m_{110}^{(21)}m_{120}^{(00)}m_{112}^{(22)}-m_{110}^{(21)}m_{120}^{(00)}m_{103}^{(21)}\\
&-m_{110}^{(21)}m_{120}^{(00)}m_{013}^{(20)}+m_{110}^{(21)}m_{120}^{(00)}m_{004}^{(10)}-m_{110}^{(21)}m_{120}^{(10)}m_{202}^{(22)}+2m_{110}^{(21)}m_{120}^{(10)}m_{103}^{(20)}\\
&-m_{110}^{(21)}m_{120}^{(10)}m_{004}^{(00)}-m_{110}^{(21)}m_{120}^{(20)}m_{211}^{(22)}+2m_{110}^{(21)}m_{120}^{(20)}m_{202}^{(21)}-2m_{110}^{(21)}m_{120}^{(20)}m_{103}^{(10)}\\
&+m_{110}^{(21)}m_{120}^{(20)}m_{013}^{(00)}+m_{110}^{(21)}m_{120}^{(21)}m_{301}^{(22)}-2m_{110}^{(21)}m_{120}^{(21)}m_{202}^{(20)}+m_{110}^{(21)}m_{120}^{(21)}m_{103}^{(00)}\\
&-m_{110}^{(21)}m_{120}^{(22)}m_{301}^{(21)}+m_{110}^{(21)}m_{120}^{(22)}m_{211}^{(20)}+m_{110}^{(21)}m_{120}^{(22)}m_{202}^{(10)}-m_{110}^{(21)}m_{120}^{(22)}m_{112}^{(00)}\\
&+2m_{110}^{(21)}m_{111}^{(00)}m_{112}^{(21)}-2m_{110}^{(21)}m_{111}^{(00)}m_{103}^{(11)}+2m_{110}^{(21)}m_{111}^{(00)}m_{022}^{(20)}-2m_{110}^{(21)}m_{111}^{(00)}m_{013}^{(10)}\\
&+2m_{110}^{(21)}m_{111}^{(10)}m_{211}^{(22)}-4m_{110}^{(21)}m_{111}^{(10)}m_{202}^{(21)}-4m_{110}^{(21)}m_{111}^{(10)}m_{112}^{(20)}+4m_{110}^{(21)}m_{111}^{(10)}m_{103}^{(10)}\\
&+2m_{110}^{(21)}m_{111}^{(10)}m_{013}^{(00)}-2m_{110}^{(21)}m_{111}^{(11)}m_{301}^{(22)}+4m_{110}^{(21)}m_{111}^{(11)}m_{202}^{(20)}-2m_{110}^{(21)}m_{111}^{(11)}m_{103}^{(00)}\\
&-2m_{110}^{(21)}m_{111}^{(20)}m_{220}^{(22)}+4m_{110}^{(21)}m_{111}^{(20)}m_{202}^{(11)}-2m_{110}^{(21)}m_{111}^{(20)}m_{022}^{(00)}+2m_{110}^{(21)}m_{111}^{(21)}m_{310}^{(22)}\\
&+4m_{110}^{(21)}m_{111}^{(21)}m_{301}^{(21)}-4m_{110}^{(21)}m_{111}^{(21)}m_{211}^{(20)}-4m_{110}^{(21)}m_{111}^{(21)}m_{202}^{(10)}+2m_{110}^{(21)}m_{111}^{(21)}m_{112}^{(00)}\\
&-2m_{110}^{(21)}m_{111}^{(22)}m_{310}^{(21)}-2m_{110}^{(21)}m_{111}^{(22)}m_{301}^{(11)}+2m_{110}^{(21)}m_{111}^{(22)}m_{220}^{(20)}+2m_{110}^{(21)}m_{111}^{(22)}m_{211}^{(10)}
\end{aligned}
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\begin{aligned}
&-m_{110}^{(21)}m_{102}^{(00)}m_{130}^{(22)} - m_{110}^{(21)}m_{102}^{(00)}m_{121}^{(21)} + 2m_{110}^{(21)}m_{102}^{(00)}m_{112}^{(11)} - m_{110}^{(21)}m_{102}^{(00)}m_{031}^{(20)}\\
&+m_{110}^{(21)}m_{102}^{(00)}m_{022}^{(10)} + 2m_{110}^{(21)}m_{102}^{(10)}m_{220}^{(22)} + 4m_{110}^{(21)}m_{102}^{(10)}m_{211}^{(21)} - 3m_{110}^{(21)}m_{102}^{(10)}m_{202}^{(11)}\\
&+2m_{110}^{(21)}m_{102}^{(10)}m_{121}^{(20)} - 4m_{110}^{(21)}m_{102}^{(10)}m_{112}^{(10)} - m_{110}^{(21)}m_{102}^{(10)}m_{022}^{(00)} - m_{110}^{(21)}m_{102}^{(11)}m_{310}^{(22)}\\
&-3m_{110}^{(21)}m_{102}^{(11)}m_{301}^{(21)} - m_{110}^{(21)}m_{102}^{(11)}m_{211}^{(20)} + 3m_{110}^{(21)}m_{102}^{(11)}m_{202}^{(10)} + 2m_{110}^{(21)}m_{102}^{(11)}m_{112}^{(00)}\\
&-2m_{110}^{(21)}m_{102}^{(20)}m_{220}^{(21)} - m_{110}^{(21)}m_{102}^{(20)}m_{211}^{(11)} + 2m_{110}^{(21)}m_{102}^{(20)}m_{121}^{(10)} + m_{110}^{(21)}m_{102}^{(20)}m_{031}^{(00)}\\
&+2m_{110}^{(21)}m_{102}^{(21)}m_{310}^{(21)} + 3m_{110}^{(21)}m_{102}^{(21)}m_{301}^{(11)} - 2m_{110}^{(21)}m_{102}^{(21)}m_{211}^{(10)} - 3m_{110}^{(21)}m_{102}^{(21)}m_{121}^{(00)}\\
&-m_{110}^{(21)}m_{102}^{(22)}m_{310}^{(11)} + m_{110}^{(21)}m_{102}^{(22)}m_{130}^{(00)} - m_{110}^{(21)}m_{021}^{(00)}m_{211}^{(22)} + m_{110}^{(21)}m_{021}^{(00)}m_{202}^{(21)}\\
&+m_{110}^{(21)}m_{021}^{(00)}m_{112}^{(20)} - m_{110}^{(21)}m_{021}^{(00)}m_{103}^{(10)} + m_{110}^{(21)}m_{021}^{(10)}m_{301}^{(22)} - 2m_{110}^{(21)}m_{021}^{(10)}m_{202}^{(20)}\\
&+m_{110}^{(21)}m_{021}^{(10)}m_{103}^{(00)} + m_{110}^{(21)}m_{021}^{(20)}m_{310}^{(22)} - 2m_{110}^{(21)}m_{021}^{(20)}m_{301}^{(21)} + 2m_{110}^{(21)}m_{021}^{(20)}m_{202}^{(10)}\\
&-m_{110}^{(21)}m_{021}^{(20)}m_{112}^{(00)} - m_{110}^{(21)}m_{021}^{(21)}m_{400}^{(22)} + 2m_{110}^{(21)}m_{021}^{(21)}m_{301}^{(20)} - m_{110}^{(21)}m_{021}^{(21)}m_{202}^{(00)}\\
&+m_{110}^{(21)}m_{021}^{(22)}m_{400}^{(21)} - m_{110}^{(21)}m_{021}^{(22)}m_{310}^{(20)} - m_{110}^{(21)}m_{021}^{(22)}m_{301}^{(10)} + m_{110}^{(21)}m_{021}^{(22)}m_{211}^{(00)}\\
&+m_{110}^{(21)}m_{012}^{(00)}m_{220}^{(22)} - 2m_{110}^{(21)}m_{012}^{(00)}m_{211}^{(21)} + m_{110}^{(21)}m_{012}^{(00)}m_{202}^{(11)} - 2m_{110}^{(21)}m_{012}^{(00)}m_{121}^{(20)}\\
&+2m_{110}^{(21)}m_{012}^{(00)}m_{112}^{(10)} - 2m_{110}^{(21)}m_{012}^{(10)}m_{310}^{(22)} + 2m_{110}^{(21)}m_{012}^{(10)}m_{301}^{(21)} + 4m_{110}^{(21)}m_{012}^{(10)}m_{211}^{(20)}\\
&-2m_{110}^{(21)}m_{012}^{(10)}m_{202}^{(10)} - 2m_{110}^{(21)}m_{012}^{(10)}m_{112}^{(00)} + m_{110}^{(21)}m_{012}^{(11)}m_{400}^{(22)} - 2m_{110}^{(21)}m_{012}^{(11)}m_{301}^{(20)}\\
&+m_{110}^{(21)}m_{012}^{(11)}m_{202}^{(00)} + 2m_{110}^{(21)}m_{012}^{(20)}m_{310}^{(21)} - 2m_{110}^{(21)}m_{012}^{(20)}m_{301}^{(11)} - 2m_{110}^{(21)}m_{012}^{(20)}m_{211}^{(10)}\\
&+2m_{110}^{(21)}m_{012}^{(20)}m_{121}^{(00)} - 2m_{110}^{(21)}m_{012}^{(21)}m_{400}^{(21)} + 2m_{110}^{(21)}m_{012}^{(21)}m_{301}^{(10)} + m_{110}^{(21)}m_{012}^{(22)}m_{400}^{(11)}\\
&-m_{110}^{(21)}m_{012}^{(22)}m_{220}^{(00)} + m_{110}^{(21)}m_{003}^{(00)}m_{220}^{(21)} - m_{110}^{(21)}m_{003}^{(00)}m_{211}^{(11)} + m_{110}^{(21)}m_{003}^{(00)}m_{130}^{(20)}\\
&-m_{110}^{(21)}m_{003}^{(00)}m_{121}^{(10)} - 2m_{110}^{(21)}m_{003}^{(10)}m_{310}^{(21)} + m_{110}^{(21)}m_{003}^{(10)}m_{301}^{(11)} - 2m_{110}^{(21)}m_{003}^{(10)}m_{220}^{(20)}\\
&+2m_{110}^{(21)}m_{003}^{(10)}m_{211}^{(10)} + m_{110}^{(21)}m_{003}^{(10)}m_{121}^{(00)} + m_{110}^{(21)}m_{003}^{(11)}m_{400}^{(21)} + m_{110}^{(21)}m_{003}^{(11)}m_{310}^{(20)}\\
&-m_{110}^{(21)}m_{003}^{(11)}m_{301}^{(10)} - m_{110}^{(21)}m_{003}^{(11)}m_{211}^{(00)} + m_{110}^{(21)}m_{003}^{(20)}m_{310}^{(11)} - m_{110}^{(21)}m_{003}^{(20)}m_{130}^{(00)}\\
&-m_{110}^{(21)}m_{003}^{(21)}m_{400}^{(11)} + m_{110}^{(21)}m_{003}^{(21)}m_{220}^{(00)} - m_{110}^{(22)}m_{300}^{(10)}m_{022}^{(21)} + m_{110}^{(22)}m_{300}^{(10)}m_{013}^{(11)}\\
&+m_{110}^{(22)}m_{300}^{(11)}m_{112}^{(21)} - m_{110}^{(22)}m_{300}^{(11)}m_{013}^{(10)} + m_{110}^{(22)}m_{300}^{(20)}m_{031}^{(21)} - m_{110}^{(22)}m_{300}^{(20)}m_{022}^{(11)}\\
&-m_{110}^{(22)}m_{300}^{(21)}m_{121}^{(21)} - m_{110}^{(22)}m_{300}^{(21)}m_{112}^{(11)} + 2m_{110}^{(22)}m_{300}^{(21)}m_{022}^{(10)} + m_{110}^{(22)}m_{300}^{(22)}m_{121}^{(11)}\\
&-m_{110}^{(22)}m_{300}^{(22)}m_{031}^{(10)} + m_{110}^{(22)}m_{210}^{(00)}m_{022}^{(21)} - m_{110}^{(22)}m_{210}^{(00)}m_{013}^{(11)} - m_{110}^{(22)}m_{210}^{(10)}m_{103}^{(11)}\\
&-m_{110}^{(22)}m_{210}^{(10)}m_{022}^{(20)} + 2m_{110}^{(22)}m_{210}^{(10)}m_{013}^{(10)} - m_{110}^{(22)}m_{210}^{(11)}m_{202}^{(21)} + m_{110}^{(22)}m_{210}^{(11)}m_{112}^{(20)}\\
&+m_{110}^{(22)}m_{210}^{(11)}m_{103}^{(10)} - m_{110}^{(22)}m_{210}^{(11)}m_{013}^{(00)} - 2m_{110}^{(22)}m_{210}^{(20)}m_{121}^{(21)} + 3m_{110}^{(22)}m_{210}^{(20)}m_{112}^{(11)}\\
&+m_{110}^{(22)}m_{210}^{(20)}m_{031}^{(20)} - 2m_{110}^{(22)}m_{210}^{(20)}m_{022}^{(10)} + 2m_{110}^{(22)}m_{210}^{(21)}m_{211}^{(21)} + m_{110}^{(22)}m_{210}^{(21)}m_{202}^{(11)}\\
&-m_{110}^{(22)}m_{210}^{(21)}m_{121}^{(20)} - 4m_{110}^{(22)}m_{210}^{(21)}m_{112}^{(10)} + 2m_{110}^{(22)}m_{210}^{(21)}m_{022}^{(00)} - 2m_{110}^{(22)}m_{210}^{(22)}m_{211}^{(11)}\\
&+3m_{110}^{(22)}m_{210}^{(22)}m_{121}^{(10)} - m_{110}^{(22)}m_{210}^{(22)}m_{031}^{(00)} - m_{110}^{(22)}m_{201}^{(00)}m_{031}^{(21)} + m_{110}^{(22)}m_{201}^{(00)}m_{022}^{(11)}\\
&+3m_{110}^{(22)}m_{201}^{(10)}m_{121}^{(21)} - 2m_{110}^{(22)}m_{201}^{(10)}m_{112}^{(11)} + m_{110}^{(22)}m_{201}^{(10)}m_{031}^{(20)} - 2m_{110}^{(22)}m_{201}^{(10)}m_{022}^{(10)}\\
&-2m_{110}^{(22)}m_{201}^{(11)}m_{211}^{(21)} - m_{110}^{(22)}m_{201}^{(11)}m_{121}^{(20)} + 2m_{110}^{(22)}m_{201}^{(11)}m_{112}^{(10)} + m_{110}^{(22)}m_{201}^{(11)}m_{022}^{(00)}\\
&-m_{110}^{(22)}m_{201}^{(20)}m_{130}^{(21)} - m_{110}^{(22)}m_{201}^{(20)}m_{040}^{(20)} + 2m_{110}^{(22)}m_{201}^{(20)}m_{031}^{(10)} + m_{110}^{(22)}m_{201}^{(21)}m_{220}^{(21)}\\
&+2m_{110}^{(22)}m_{201}^{(21)}m_{211}^{(11)} + m_{110}^{(22)}m_{201}^{(21)}m_{130}^{(20)} - 2m_{110}^{(22)}m_{201}^{(21)}m_{121}^{(10)} - 2m_{110}^{(22)}m_{201}^{(21)}m_{031}^{(00)}\\
&-m_{110}^{(22)}m_{201}^{(22)}m_{220}^{(11)} + m_{110}^{(22)}m_{201}^{(22)}m_{040}^{(00)} - m_{110}^{(22)}m_{120}^{(00)}m_{112}^{(21)} + m_{110}^{(22)}m_{120}^{(00)}m_{103}^{(11)}\\
&+m_{110}^{(22)}m_{120}^{(00)}m_{022}^{(20)} - m_{110}^{(22)}m_{120}^{(00)}m_{013}^{(10)} + m_{110}^{(22)}m_{120}^{(10)}m_{202}^{(21)} - 2m_{110}^{(22)}m_{120}^{(10)}m_{103}^{(10)}\\
&+m_{110}^{(22)}m_{120}^{(10)}m_{013}^{(00)} - m_{110}^{(22)}m_{120}^{(11)}m_{202}^{(20)} + m_{110}^{(22)}m_{120}^{(11)}m_{103}^{(00)} + m_{110}^{(22)}m_{120}^{(20)}m_{211}^{(21)}\\
&-2m_{110}^{(22)}m_{120}^{(20)}m_{202}^{(11)} - 2m_{110}^{(22)}m_{120}^{(20)}m_{121}^{(20)} + 4m_{110}^{(22)}m_{120}^{(20)}m_{112}^{(10)} - m_{110}^{(22)}m_{120}^{(20)}m_{022}^{(00)}\\
&-m_{110}^{(22)}m_{120}^{(21)}m_{301}^{(21)} + 2m_{110}^{(22)}m_{120}^{(21)}m_{211}^{(20)} + 2m_{110}^{(22)}m_{120}^{(21)}m_{202}^{(10)} - 3m_{110}^{(22)}m_{120}^{(21)}m_{112}^{(00)}
\end{aligned}
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$$+m_{110}^{(22)}m_{120}^{(22)}m_{301}^{(11)} - 3m_{110}^{(22)}m_{120}^{(22)}m_{211}^{(10)} + 2m_{110}^{(22)}m_{120}^{(22)}m_{121}^{(00)} - 2m_{110}^{(22)}m_{111}^{(00)}m_{031}^{(20)}$$
$$+2m_{110}^{(22)}m_{111}^{(00)}m_{022}^{(10)} - 2m_{110}^{(22)}m_{111}^{(10)}m_{211}^{(21)} + 2m_{110}^{(22)}m_{111}^{(11)}m_{202}^{(11)} + 2m_{110}^{(22)}m_{111}^{(10)}m_{121}^{(20)}$$
$$-2m_{110}^{(22)}m_{111}^{(10)}m_{022}^{(00)} + 2m_{110}^{(22)}m_{111}^{(11)}m_{301}^{(21)} - 2m_{110}^{(22)}m_{111}^{(11)}m_{202}^{(10)} + 2m_{110}^{(22)}m_{111}^{(20)}m_{220}^{(21)}$$
$$-2m_{110}^{(22)}m_{111}^{(20)}m_{211}^{(11)} + 2m_{110}^{(22)}m_{111}^{(20)}m_{130}^{(20)} - 4m_{110}^{(22)}m_{111}^{(20)}m_{121}^{(10)} + 2m_{110}^{(22)}m_{111}^{(20)}m_{031}^{(00)}$$
$$-2m_{110}^{(22)}m_{111}^{(21)}m_{310}^{(21)} - 2m_{110}^{(22)}m_{111}^{(21)}m_{301}^{(11)} - 2m_{110}^{(22)}m_{111}^{(21)}m_{220}^{(20)} + 4m_{110}^{(22)}m_{111}^{(21)}m_{211}^{(10)}$$
$$+2m_{110}^{(22)}m_{111}^{(21)}m_{121}^{(00)} + 2m_{110}^{(22)}m_{111}^{(22)}m_{310}^{(11)} - 2m_{110}^{(22)}m_{111}^{(22)}m_{130}^{(00)} + m_{110}^{(22)}m_{102}^{(00)}m_{130}^{(21)}$$
$$-m_{110}^{(22)}m_{102}^{(00)}m_{121}^{(11)} + m_{110}^{(22)}m_{102}^{(00)}m_{040}^{(20)} - m_{110}^{(22)}m_{102}^{(00)}m_{031}^{(10)} - 2m_{110}^{(22)}m_{102}^{(10)}m_{220}^{(21)}$$
$$+m_{110}^{(22)}m_{102}^{(10)}m_{211}^{(11)} - 2m_{110}^{(22)}m_{102}^{(10)}m_{130}^{(20)} + 2m_{110}^{(22)}m_{102}^{(10)}m_{121}^{(10)} + m_{110}^{(22)}m_{102}^{(10)}m_{031}^{(00)}$$
$$+m_{110}^{(22)}m_{102}^{(11)}m_{310}^{(21)} + m_{110}^{(22)}m_{102}^{(11)}m_{220}^{(20)} - m_{110}^{(22)}m_{102}^{(11)}m_{211}^{(10)} - m_{110}^{(22)}m_{102}^{(11)}m_{121}^{(00)}$$
$$+m_{110}^{(22)}m_{102}^{(20)}m_{220}^{(11)} - m_{110}^{(22)}m_{102}^{(20)}m_{040}^{(00)} - m_{110}^{(22)}m_{102}^{(21)}m_{310}^{(11)} + m_{110}^{(22)}m_{102}^{(21)}m_{130}^{(00)}$$
$$-m_{110}^{(22)}m_{030}^{(00)}m_{112}^{(20)} + m_{110}^{(22)}m_{030}^{(00)}m_{103}^{(10)} + m_{110}^{(22)}m_{030}^{(10)}m_{202}^{(20)} - m_{110}^{(22)}m_{030}^{(10)}m_{103}^{(00)}$$
$$+m_{110}^{(22)}m_{030}^{(20)}m_{211}^{(20)} - 2m_{110}^{(22)}m_{030}^{(20)}m_{202}^{(10)} + m_{110}^{(22)}m_{030}^{(20)}m_{112}^{(00)} - m_{110}^{(22)}m_{030}^{(21)}m_{301}^{(20)}$$
$$+m_{110}^{(22)}m_{030}^{(21)}m_{202}^{(00)} + m_{110}^{(22)}m_{030}^{(22)}m_{301}^{(10)} - m_{110}^{(22)}m_{030}^{(22)}m_{211}^{(00)} + m_{110}^{(22)}m_{021}^{(00)}m_{211}^{(21)}$$
$$-m_{110}^{(22)}m_{021}^{(00)}m_{202}^{(11)} + 2m_{110}^{(22)}m_{021}^{(00)}m_{121}^{(20)} - 2m_{110}^{(22)}m_{021}^{(00)}m_{112}^{(10)} - m_{110}^{(22)}m_{021}^{(10)}m_{301}^{(21)}$$
$$-3m_{110}^{(22)}m_{021}^{(10)}m_{211}^{(20)} + 2m_{110}^{(22)}m_{021}^{(10)}m_{202}^{(10)} + 2m_{110}^{(22)}m_{021}^{(10)}m_{112}^{(00)} + m_{110}^{(22)}m_{021}^{(11)}m_{301}^{(20)}$$
$$-m_{110}^{(22)}m_{021}^{(11)}m_{202}^{(00)} - m_{110}^{(22)}m_{021}^{(20)}m_{310}^{(21)} + 2m_{110}^{(22)}m_{021}^{(20)}m_{301}^{(11)} - m_{110}^{(22)}m_{021}^{(20)}m_{220}^{(20)}$$
$$+2m_{110}^{(22)}m_{021}^{(20)}m_{211}^{(10)} - 2m_{110}^{(22)}m_{021}^{(20)}m_{121}^{(00)} + m_{110}^{(22)}m_{021}^{(21)}m_{400}^{(21)} + m_{110}^{(22)}m_{021}^{(21)}m_{310}^{(20)}$$
$$-2m_{110}^{(22)}m_{021}^{(21)}m_{301}^{(10)} - m_{110}^{(22)}m_{021}^{(22)}m_{400}^{(11)} + m_{110}^{(22)}m_{021}^{(22)}m_{220}^{(00)} - m_{110}^{(22)}m_{012}^{(00)}m_{220}^{(21)}$$
$$+m_{110}^{(22)}m_{012}^{(00)}m_{211}^{(11)} - m_{110}^{(22)}m_{012}^{(00)}m_{130}^{(20)} + m_{110}^{(22)}m_{012}^{(00)}m_{121}^{(10)} + 2m_{110}^{(22)}m_{012}^{(10)}m_{310}^{(21)}$$
$$-m_{110}^{(22)}m_{012}^{(10)}m_{301}^{(11)} + 2m_{110}^{(22)}m_{012}^{(10)}m_{220}^{(20)} - 2m_{110}^{(22)}m_{012}^{(10)}m_{211}^{(11)} - m_{110}^{(22)}m_{012}^{(10)}m_{121}^{(00)}$$
$$-m_{110}^{(22)}m_{012}^{(11)}m_{400}^{(21)} - m_{110}^{(22)}m_{012}^{(11)}m_{310}^{(20)} + m_{110}^{(22)}m_{012}^{(11)}m_{301}^{(10)} + m_{110}^{(22)}m_{012}^{(11)}m_{211}^{(00)}$$
$$-m_{110}^{(22)}m_{012}^{(20)}m_{310}^{(11)} + m_{110}^{(22)}m_{012}^{(20)}m_{130}^{(00)} + m_{110}^{(22)}m_{012}^{(21)}m_{400}^{(11)} - m_{110}^{(22)}m_{012}^{(21)}m_{220}^{(00)}$$
$$-m_{101}^{(00)}m_{120}^{(10)}m_{013}^{(21)} + m_{101}^{(00)}m_{120}^{(10)}m_{004}^{(11)} + m_{101}^{(00)}m_{120}^{(11)}m_{103}^{(21)} - m_{101}^{(00)}m_{120}^{(11)}m_{004}^{(10)}$$
$$+m_{101}^{(00)}m_{120}^{(20)}m_{022}^{(21)} - m_{101}^{(00)}m_{120}^{(20)}m_{013}^{(11)} - m_{101}^{(00)}m_{120}^{(21)}m_{112}^{(21)} - m_{101}^{(00)}m_{120}^{(21)}m_{103}^{(11)}$$
$$+2m_{101}^{(00)}m_{120}^{(21)}m_{013}^{(10)} + m_{101}^{(00)}m_{120}^{(22)}m_{112}^{(11)} - m_{101}^{(00)}m_{120}^{(22)}m_{022}^{(10)} + 2m_{101}^{(00)}m_{111}^{(10)}m_{022}^{(21)}$$
$$-2m_{101}^{(00)}m_{111}^{(10)}m_{013}^{(11)} - 2m_{101}^{(00)}m_{111}^{(11)}m_{112}^{(21)} + 2m_{101}^{(00)}m_{111}^{(11)}m_{013}^{(10)} - 2m_{101}^{(00)}m_{111}^{(20)}m_{031}^{(21)}$$
$$+2m_{101}^{(00)}m_{111}^{(20)}m_{022}^{(11)} + 2m_{101}^{(00)}m_{111}^{(21)}m_{121}^{(21)} + 2m_{101}^{(00)}m_{111}^{(21)}m_{112}^{(11)} - 4m_{101}^{(00)}m_{111}^{(21)}m_{022}^{(10)}$$
$$-2m_{101}^{(00)}m_{111}^{(22)}m_{121}^{(11)} + 2m_{101}^{(00)}m_{111}^{(22)}m_{031}^{(10)} - m_{101}^{(00)}m_{102}^{(10)}m_{031}^{(21)} + m_{101}^{(00)}m_{102}^{(10)}m_{022}^{(11)}$$
$$+m_{101}^{(00)}m_{102}^{(11)}m_{121}^{(21)} - m_{101}^{(00)}m_{102}^{(11)}m_{022}^{(10)} + m_{101}^{(00)}m_{102}^{(20)}m_{040}^{(21)} - m_{101}^{(00)}m_{102}^{(20)}m_{031}^{(11)}$$
$$-m_{101}^{(00)}m_{102}^{(21)}m_{130}^{(21)} - m_{101}^{(00)}m_{102}^{(21)}m_{121}^{(11)} + 2m_{101}^{(00)}m_{102}^{(21)}m_{031}^{(10)} + m_{101}^{(00)}m_{102}^{(22)}m_{130}^{(11)}$$
$$-m_{101}^{(00)}m_{102}^{(22)}m_{040}^{(10)} + m_{101}^{(00)}m_{030}^{(00)}m_{013}^{(21)} - m_{101}^{(00)}m_{030}^{(00)}m_{004}^{(11)} - m_{101}^{(00)}m_{030}^{(10)}m_{103}^{(21)}$$
$$+m_{101}^{(00)}m_{030}^{(10)}m_{004}^{(10)} - m_{101}^{(00)}m_{030}^{(20)}m_{112}^{(21)} + 2m_{101}^{(00)}m_{030}^{(20)}m_{103}^{(11)} - m_{101}^{(00)}m_{030}^{(20)}m_{013}^{(10)}$$
$$+m_{101}^{(00)}m_{030}^{(21)}m_{202}^{(21)} - m_{101}^{(00)}m_{030}^{(21)}m_{103}^{(10)} - m_{101}^{(00)}m_{030}^{(22)}m_{202}^{(11)} + m_{101}^{(00)}m_{030}^{(22)}m_{112}^{(10)}$$
$$-3m_{101}^{(00)}m_{021}^{(00)}m_{022}^{(21)} + 3m_{101}^{(00)}m_{021}^{(00)}m_{013}^{(11)} + 4m_{101}^{(00)}m_{021}^{(10)}m_{112}^{(21)} - m_{101}^{(00)}m_{021}^{(10)}m_{103}^{(11)}$$
$$-3m_{101}^{(00)}m_{021}^{(10)}m_{013}^{(10)} - m_{101}^{(00)}m_{021}^{(11)}m_{202}^{(21)} + m_{101}^{(00)}m_{021}^{(11)}m_{103}^{(10)} + 2m_{101}^{(00)}m_{021}^{(20)}m_{121}^{(21)}$$
$$-5m_{101}^{(00)}m_{021}^{(20)}m_{112}^{(11)} + 3m_{101}^{(00)}m_{021}^{(20)}m_{022}^{(10)} - 2m_{101}^{(00)}m_{021}^{(21)}m_{211}^{(21)} + m_{101}^{(00)}m_{021}^{(21)}m_{202}^{(11)}$$
$$+m_{101}^{(00)}m_{021}^{(21)}m_{112}^{(10)} + 2m_{101}^{(00)}m_{021}^{(22)}m_{211}^{(11)} - 2m_{101}^{(00)}m_{021}^{(22)}m_{121}^{(10)} + 3m_{101}^{(00)}m_{012}^{(00)}m_{031}^{(21)}$$
$$-3m_{101}^{(00)}m_{012}^{(00)}m_{022}^{(11)} - 5m_{101}^{(00)}m_{012}^{(10)}m_{121}^{(21)} + 2m_{101}^{(00)}m_{012}^{(10)}m_{112}^{(11)} + 3m_{101}^{(00)}m_{012}^{(10)}m_{022}^{(10)}$$

$$+2m_{101}^{(00)}m_{012}^{(11)}m_{211}^{(21)} - 2m_{101}^{(00)}m_{012}^{(11)}m_{112}^{(10)} - m_{101}^{(00)}m_{012}^{(20)}m_{130}^{(21)} + 4m_{101}^{(00)}m_{012}^{(20)}m_{121}^{(11)}$$
$$-3m_{101}^{(00)}m_{012}^{(20)}m_{031}^{(10)} + m_{101}^{(00)}m_{012}^{(21)}m_{220}^{(21)} - 2m_{101}^{(00)}m_{012}^{(21)}m_{211}^{(11)} + m_{101}^{(00)}m_{012}^{(21)}m_{121}^{(10)}$$
$$-m_{101}^{(00)}m_{012}^{(22)}m_{220}^{(11)} + m_{101}^{(00)}m_{012}^{(22)}m_{130}^{(10)} - m_{101}^{(00)}m_{003}^{(00)}m_{040}^{(21)} + m_{101}^{(00)}m_{003}^{(00)}m_{031}^{(11)}$$
$$+2m_{101}^{(00)}m_{003}^{(10)}m_{130}^{(21)} - m_{101}^{(00)}m_{003}^{(10)}m_{121}^{(11)} - m_{101}^{(00)}m_{003}^{(10)}m_{031}^{(10)} - m_{101}^{(00)}m_{003}^{(11)}m_{220}^{(21)}$$
$$+m_{101}^{(00)}m_{003}^{(11)}m_{121}^{(10)} - m_{101}^{(00)}m_{003}^{(20)}m_{130}^{(11)} + m_{101}^{(00)}m_{003}^{(20)}m_{040}^{(10)} + m_{101}^{(00)}m_{003}^{(21)}m_{220}^{(11)}$$
$$-m_{101}^{(00)}m_{003}^{(21)}m_{130}^{(10)} - m_{101}^{(10)}m_{210}^{(10)}m_{022}^{(22)} + 2m_{101}^{(10)}m_{210}^{(10)}m_{013}^{(21)} - m_{101}^{(10)}m_{210}^{(10)}m_{004}^{(11)}$$
$$+m_{101}^{(10)}m_{210}^{(11)}m_{112}^{(22)} - m_{101}^{(10)}m_{210}^{(11)}m_{103}^{(21)} - m_{101}^{(10)}m_{210}^{(11)}m_{013}^{(20)} + m_{101}^{(10)}m_{210}^{(11)}m_{004}^{(10)}$$
$$+m_{101}^{(10)}m_{210}^{(20)}m_{031}^{(22)} - 2m_{101}^{(10)}m_{210}^{(20)}m_{022}^{(21)} + m_{101}^{(10)}m_{210}^{(20)}m_{013}^{(11)} - m_{101}^{(10)}m_{210}^{(21)}m_{121}^{(22)}$$
$$+m_{101}^{(10)}m_{210}^{(21)}m_{103}^{(11)} + 2m_{101}^{(10)}m_{210}^{(21)}m_{022}^{(20)} - 2m_{101}^{(10)}m_{210}^{(21)}m_{013}^{(10)} + m_{101}^{(10)}m_{210}^{(22)}m_{121}^{(21)}$$
$$-m_{101}^{(10)}m_{210}^{(22)}m_{112}^{(11)} - m_{101}^{(10)}m_{210}^{(22)}m_{031}^{(20)} + m_{101}^{(10)}m_{210}^{(22)}m_{022}^{(10)} + m_{101}^{(10)}m_{201}^{(10)}m_{031}^{(22)}$$
$$-2m_{101}^{(10)}m_{201}^{(10)}m_{022}^{(21)} + m_{101}^{(10)}m_{201}^{(10)}m_{013}^{(11)} - m_{101}^{(10)}m_{201}^{(11)}m_{121}^{(22)} + m_{101}^{(10)}m_{201}^{(11)}m_{112}^{(21)}$$
$$+m_{101}^{(10)}m_{201}^{(11)}m_{022}^{(20)} - m_{101}^{(10)}m_{201}^{(11)}m_{013}^{(10)} - m_{101}^{(10)}m_{201}^{(20)}m_{040}^{(22)} + 2m_{101}^{(10)}m_{201}^{(20)}m_{031}^{(21)}$$
$$-m_{101}^{(10)}m_{201}^{(20)}m_{022}^{(11)} + m_{101}^{(10)}m_{201}^{(21)}m_{130}^{(22)} - m_{101}^{(10)}m_{201}^{(21)}m_{112}^{(11)} - 2m_{101}^{(10)}m_{201}^{(21)}m_{031}^{(20)}$$
$$+2m_{101}^{(10)}m_{201}^{(21)}m_{022}^{(10)} - m_{101}^{(10)}m_{201}^{(22)}m_{130}^{(21)} + m_{101}^{(10)}m_{201}^{(22)}m_{121}^{(11)} + m_{101}^{(10)}m_{201}^{(22)}m_{040}^{(20)}$$
$$-m_{101}^{(10)}m_{201}^{(22)}m_{031}^{(10)} + m_{101}^{(10)}m_{120}^{(00)}m_{022}^{(22)} - 2m_{101}^{(10)}m_{120}^{(00)}m_{013}^{(21)} + m_{101}^{(10)}m_{120}^{(00)}m_{004}^{(11)}$$
$$+2m_{101}^{(10)}m_{120}^{(10)}m_{013}^{(20)} - 2m_{101}^{(10)}m_{120}^{(10)}m_{004}^{(10)} - m_{101}^{(10)}m_{120}^{(11)}m_{202}^{(22)} + m_{101}^{(10)}m_{120}^{(11)}m_{004}^{(00)}$$
$$-2m_{101}^{(10)}m_{120}^{(20)}m_{121}^{(22)} + 4m_{101}^{(10)}m_{120}^{(20)}m_{112}^{(21)} - 2m_{101}^{(10)}m_{120}^{(20)}m_{103}^{(11)} - 2m_{101}^{(10)}m_{120}^{(20)}m_{022}^{(20)}$$
$$+2m_{101}^{(10)}m_{120}^{(20)}m_{013}^{(10)} + 2m_{101}^{(10)}m_{120}^{(21)}m_{211}^{(22)} - 2m_{101}^{(10)}m_{120}^{(21)}m_{112}^{(20)} + 2m_{101}^{(10)}m_{120}^{(21)}m_{103}^{(10)}$$
$$-2m_{101}^{(10)}m_{120}^{(21)}m_{013}^{(00)} - 2m_{101}^{(10)}m_{120}^{(22)}m_{211}^{(21)} + m_{101}^{(10)}m_{120}^{(22)}m_{202}^{(11)} + 2m_{101}^{(10)}m_{120}^{(22)}m_{121}^{(20)}$$
$$-2m_{101}^{(10)}m_{120}^{(22)}m_{112}^{(10)} + m_{101}^{(10)}m_{120}^{(22)}m_{022}^{(00)} - 2m_{101}^{(10)}m_{111}^{(00)}m_{031}^{(22)} + 4m_{101}^{(10)}m_{111}^{(00)}m_{022}^{(21)}$$
$$-2m_{101}^{(10)}m_{111}^{(00)}m_{013}^{(11)} + 2m_{101}^{(10)}m_{111}^{(10)}m_{121}^{(22)} - 4m_{101}^{(10)}m_{111}^{(10)}m_{112}^{(21)} + 2m_{101}^{(10)}m_{111}^{(10)}m_{103}^{(11)}$$
$$-4m_{101}^{(10)}m_{111}^{(10)}m_{022}^{(20)} + 4m_{101}^{(10)}m_{111}^{(10)}m_{013}^{(10)} + 2m_{101}^{(10)}m_{111}^{(11)}m_{202}^{(21)} + 2m_{101}^{(10)}m_{111}^{(11)}m_{112}^{(20)}$$
$$-2m_{101}^{(10)}m_{111}^{(11)}m_{103}^{(10)} - 2m_{101}^{(10)}m_{111}^{(11)}m_{013}^{(00)} + 2m_{101}^{(10)}m_{111}^{(20)}m_{130}^{(22)} - 4m_{101}^{(10)}m_{111}^{(20)}m_{121}^{(21)}$$
$$+2m_{101}^{(10)}m_{111}^{(20)}m_{112}^{(11)} + 4m_{101}^{(10)}m_{111}^{(20)}m_{031}^{(20)} - 4m_{101}^{(10)}m_{111}^{(20)}m_{022}^{(10)} - 2m_{101}^{(10)}m_{111}^{(21)}m_{130}^{(22)}$$
$$-2m_{101}^{(10)}m_{111}^{(21)}m_{202}^{(11)} + 4m_{101}^{(10)}m_{111}^{(21)}m_{022}^{(00)} + 2m_{101}^{(10)}m_{111}^{(22)}m_{220}^{(21)} - 2m_{101}^{(10)}m_{111}^{(22)}m_{130}^{(20)}$$
$$+2m_{101}^{(10)}m_{111}^{(22)}m_{121}^{(10)} - 2m_{101}^{(10)}m_{111}^{(22)}m_{031}^{(00)} + m_{101}^{(10)}m_{102}^{(00)}m_{040}^{(22)} - 2m_{101}^{(10)}m_{102}^{(00)}m_{031}^{(21)}$$
$$+m_{101}^{(10)}m_{102}^{(00)}m_{022}^{(11)} - 2m_{101}^{(10)}m_{102}^{(10)}m_{130}^{(22)} + 4m_{101}^{(10)}m_{102}^{(10)}m_{121}^{(21)} - 2m_{101}^{(10)}m_{102}^{(10)}m_{112}^{(11)}$$
$$+2m_{101}^{(10)}m_{102}^{(10)}m_{031}^{(20)} - 2m_{101}^{(10)}m_{102}^{(10)}m_{022}^{(10)} + m_{101}^{(10)}m_{102}^{(11)}m_{220}^{(22)} - 2m_{101}^{(10)}m_{102}^{(11)}m_{211}^{(21)}$$
$$-2m_{101}^{(10)}m_{102}^{(11)}m_{121}^{(20)} + 2m_{101}^{(10)}m_{102}^{(11)}m_{112}^{(10)} + m_{101}^{(10)}m_{102}^{(11)}m_{022}^{(00)} - 2m_{101}^{(10)}m_{102}^{(20)}m_{040}^{(20)}$$
$$+2m_{101}^{(10)}m_{102}^{(20)}m_{031}^{(10)} + 2m_{101}^{(10)}m_{102}^{(21)}m_{211}^{(11)} + 2m_{101}^{(10)}m_{102}^{(21)}m_{130}^{(20)} - 2m_{101}^{(10)}m_{102}^{(21)}m_{121}^{(10)}$$
$$-2m_{101}^{(10)}m_{102}^{(21)}m_{031}^{(00)} - m_{101}^{(10)}m_{102}^{(22)}m_{220}^{(11)} + m_{101}^{(10)}m_{102}^{(22)}m_{040}^{(00)} - m_{101}^{(10)}m_{030}^{(00)}m_{112}^{(22)}$$
$$+m_{101}^{(10)}m_{030}^{(00)}m_{103}^{(21)} - m_{101}^{(10)}m_{030}^{(00)}m_{013}^{(20)} + m_{101}^{(10)}m_{030}^{(00)}m_{004}^{(10)} + m_{101}^{(10)}m_{030}^{(10)}m_{202}^{(22)}$$
$$-m_{101}^{(10)}m_{030}^{(10)}m_{004}^{(00)} + m_{101}^{(10)}m_{030}^{(20)}m_{211}^{(22)} - 2m_{101}^{(10)}m_{030}^{(20)}m_{202}^{(21)} + 2m_{101}^{(10)}m_{030}^{(20)}m_{112}^{(20)}$$
$$-2m_{101}^{(10)}m_{030}^{(20)}m_{103}^{(10)} + m_{101}^{(10)}m_{030}^{(20)}m_{013}^{(00)} - m_{101}^{(10)}m_{030}^{(21)}m_{301}^{(22)} + m_{101}^{(10)}m_{030}^{(21)}m_{103}^{(00)}$$
$$+m_{101}^{(10)}m_{030}^{(22)}m_{301}^{(21)} - m_{101}^{(10)}m_{030}^{(22)}m_{211}^{(20)} + m_{101}^{(10)}m_{030}^{(22)}m_{202}^{(10)} - m_{101}^{(10)}m_{030}^{(22)}m_{112}^{(00)}$$
$$+2m_{101}^{(10)}m_{021}^{(00)}m_{121}^{(22)} - m_{101}^{(10)}m_{021}^{(00)}m_{112}^{(21)} - m_{101}^{(10)}m_{021}^{(00)}m_{103}^{(11)} + 3m_{101}^{(10)}m_{021}^{(00)}m_{022}^{(20)}$$
$$-3m_{101}^{(10)}m_{021}^{(00)}m_{013}^{(10)} - 3m_{101}^{(10)}m_{021}^{(10)}m_{211}^{(22)} - 2m_{101}^{(10)}m_{021}^{(10)}m_{112}^{(20)} + 2m_{101}^{(10)}m_{021}^{(10)}m_{103}^{(10)}$$
$$+3m_{101}^{(10)}m_{021}^{(10)}m_{013}^{(00)} + m_{101}^{(10)}m_{021}^{(11)}m_{301}^{(22)} - m_{101}^{(10)}m_{021}^{(11)}m_{103}^{(00)} - m_{101}^{(10)}m_{021}^{(20)}m_{220}^{(22)}$$

$$
\begin{aligned}
&+2m_{101}^{(10)}m_{021}^{(20)}m_{211}^{(21)}+2m_{101}^{(10)}m_{021}^{(20)}m_{202}^{(11)}-4m_{101}^{(10)}m_{021}^{(20)}m_{121}^{(20)}+4m_{101}^{(10)}m_{021}^{(20)}m_{112}^{(10)}\\
&-3m_{101}^{(10)}m_{021}^{(20)}m_{022}^{(00)}+m_{101}^{(10)}m_{021}^{(21)}m_{310}^{(22)}+2m_{101}^{(10)}m_{021}^{(21)}m_{211}^{(20)}-2m_{101}^{(10)}m_{021}^{(21)}m_{202}^{(10)}\\
&-m_{101}^{(10)}m_{021}^{(21)}m_{112}^{(00)}-m_{101}^{(10)}m_{021}^{(22)}m_{310}^{(21)}-m_{101}^{(10)}m_{021}^{(22)}m_{301}^{(11)}+m_{101}^{(10)}m_{021}^{(22)}m_{220}^{(20)}\\
&-m_{101}^{(10)}m_{021}^{(22)}m_{211}^{(10)}+2m_{101}^{(10)}m_{021}^{(22)}m_{121}^{(00)}-m_{101}^{(10)}m_{012}^{(00)}m_{130}^{(22)}-m_{101}^{(10)}m_{012}^{(00)}m_{121}^{(21)}\\
&+2m_{101}^{(10)}m_{012}^{(00)}m_{112}^{(11)}-3m_{101}^{(10)}m_{012}^{(00)}m_{031}^{(20)}+3m_{101}^{(10)}m_{012}^{(00)}m_{022}^{(10)}+2m_{101}^{(10)}m_{012}^{(10)}m_{220}^{(22)}\\
&+2m_{101}^{(10)}m_{012}^{(10)}m_{211}^{(21)}-m_{101}^{(10)}m_{012}^{(10)}m_{202}^{(11)}+4m_{101}^{(10)}m_{012}^{(10)}m_{121}^{(20)}-4m_{101}^{(10)}m_{012}^{(10)}m_{112}^{(10)}\\
&-3m_{101}^{(10)}m_{012}^{(10)}m_{022}^{(00)}-m_{101}^{(10)}m_{012}^{(11)}m_{310}^{(22)}-m_{101}^{(10)}m_{012}^{(11)}m_{301}^{(21)}-m_{101}^{(10)}m_{012}^{(11)}m_{211}^{(20)}\\
&+m_{101}^{(10)}m_{012}^{(11)}m_{202}^{(10)}+2m_{101}^{(10)}m_{012}^{(11)}m_{112}^{(00)}-3m_{101}^{(10)}m_{012}^{(20)}m_{211}^{(11)}+2m_{101}^{(10)}m_{012}^{(20)}m_{130}^{(20)}\\
&-2m_{101}^{(10)}m_{012}^{(20)}m_{121}^{(10)}+3m_{101}^{(10)}m_{012}^{(20)}m_{031}^{(00)}+m_{101}^{(10)}m_{012}^{(21)}m_{301}^{(11)}-2m_{101}^{(10)}m_{012}^{(21)}m_{220}^{(20)}\\
&+2m_{101}^{(10)}m_{012}^{(21)}m_{211}^{(10)}-m_{101}^{(10)}m_{012}^{(21)}m_{121}^{(00)}+m_{101}^{(10)}m_{012}^{(22)}m_{310}^{(11)}-m_{101}^{(10)}m_{012}^{(22)}m_{130}^{(00)}\\
&+m_{101}^{(10)}m_{003}^{(00)}m_{130}^{(21)}-m_{101}^{(10)}m_{003}^{(00)}m_{121}^{(11)}+m_{101}^{(10)}m_{003}^{(00)}m_{040}^{(20)}-m_{101}^{(10)}m_{003}^{(00)}m_{031}^{(10)}\\
&-2m_{101}^{(10)}m_{003}^{(10)}m_{220}^{(21)}+m_{101}^{(10)}m_{003}^{(10)}m_{211}^{(11)}-2m_{101}^{(10)}m_{003}^{(10)}m_{130}^{(20)}+2m_{101}^{(10)}m_{003}^{(10)}m_{121}^{(10)}\\
&+m_{101}^{(10)}m_{003}^{(10)}m_{031}^{(00)}+m_{101}^{(10)}m_{003}^{(11)}m_{310}^{(21)}+m_{101}^{(10)}m_{003}^{(11)}m_{220}^{(20)}-m_{101}^{(10)}m_{003}^{(11)}m_{211}^{(10)}\\
&-m_{101}^{(10)}m_{003}^{(11)}m_{121}^{(00)}+m_{101}^{(10)}m_{003}^{(20)}m_{220}^{(11)}-m_{101}^{(10)}m_{003}^{(20)}m_{040}^{(00)}-m_{101}^{(10)}m_{003}^{(21)}m_{310}^{(11)}\\
&+m_{101}^{(10)}m_{003}^{(21)}m_{130}^{(00)}+m_{101}^{(11)}m_{300}^{(10)}m_{022}^{(22)}-m_{101}^{(11)}m_{300}^{(10)}m_{013}^{(21)}-m_{101}^{(11)}m_{300}^{(11)}m_{112}^{(22)}\\
&+m_{101}^{(11)}m_{300}^{(11)}m_{013}^{(20)}-m_{101}^{(11)}m_{300}^{(20)}m_{031}^{(22)}+m_{101}^{(11)}m_{300}^{(20)}m_{022}^{(21)}+m_{101}^{(11)}m_{300}^{(21)}m_{121}^{(22)}\\
&+m_{101}^{(11)}m_{300}^{(21)}m_{112}^{(21)}-2m_{101}^{(11)}m_{300}^{(21)}m_{022}^{(20)}-m_{101}^{(11)}m_{300}^{(22)}m_{121}^{(21)}+m_{101}^{(11)}m_{300}^{(22)}m_{031}^{(20)}\\
&-m_{101}^{(11)}m_{210}^{(00)}m_{022}^{(22)}+m_{101}^{(11)}m_{210}^{(00)}m_{013}^{(21)}+m_{101}^{(11)}m_{210}^{(10)}m_{103}^{(21)}-2m_{101}^{(11)}m_{210}^{(10)}m_{013}^{(20)}\\
&+m_{101}^{(11)}m_{210}^{(10)}m_{004}^{(10)}+m_{101}^{(11)}m_{210}^{(11)}m_{202}^{(22)}-m_{101}^{(11)}m_{210}^{(11)}m_{004}^{(00)}+2m_{101}^{(11)}m_{210}^{(20)}m_{121}^{(22)}\\
&-3m_{101}^{(11)}m_{210}^{(20)}m_{112}^{(21)}+2m_{101}^{(11)}m_{210}^{(20)}m_{022}^{(20)}-m_{101}^{(11)}m_{210}^{(20)}m_{013}^{(10)}-2m_{101}^{(11)}m_{210}^{(21)}m_{211}^{(22)}\\
&-m_{101}^{(11)}m_{210}^{(21)}m_{202}^{(21)}+2m_{101}^{(11)}m_{210}^{(21)}m_{112}^{(20)}-m_{101}^{(11)}m_{210}^{(21)}m_{103}^{(10)}+2m_{101}^{(11)}m_{210}^{(21)}m_{013}^{(00)}\\
&+2m_{101}^{(11)}m_{210}^{(22)}m_{211}^{(21)}-2m_{101}^{(11)}m_{210}^{(22)}m_{121}^{(20)}+m_{101}^{(11)}m_{210}^{(22)}m_{112}^{(10)}-m_{101}^{(11)}m_{210}^{(22)}m_{022}^{(00)}\\
&+m_{101}^{(11)}m_{201}^{(00)}m_{031}^{(22)}-m_{101}^{(11)}m_{201}^{(00)}m_{022}^{(21)}-3m_{101}^{(11)}m_{201}^{(10)}m_{121}^{(22)}+2m_{101}^{(11)}m_{201}^{(10)}m_{112}^{(21)}\\
&+2m_{101}^{(11)}m_{201}^{(10)}m_{022}^{(20)}-m_{101}^{(11)}m_{201}^{(10)}m_{013}^{(10)}+2m_{101}^{(11)}m_{201}^{(11)}m_{211}^{(22)}-3m_{101}^{(11)}m_{201}^{(11)}m_{112}^{(20)}\\
&+m_{101}^{(11)}m_{201}^{(11)}m_{013}^{(00)}+m_{101}^{(11)}m_{201}^{(20)}m_{130}^{(22)}-2m_{101}^{(11)}m_{201}^{(20)}m_{031}^{(20)}+m_{101}^{(11)}m_{201}^{(20)}m_{022}^{(10)}\\
&-m_{101}^{(11)}m_{201}^{(21)}m_{220}^{(22)}-2m_{101}^{(11)}m_{201}^{(21)}m_{211}^{(21)}+4m_{101}^{(11)}m_{201}^{(21)}m_{121}^{(20)}+m_{101}^{(11)}m_{201}^{(21)}m_{112}^{(10)}\\
&-2m_{101}^{(11)}m_{201}^{(21)}m_{022}^{(00)}+m_{101}^{(11)}m_{201}^{(22)}m_{220}^{(21)}-m_{101}^{(11)}m_{201}^{(22)}m_{130}^{(20)}-m_{101}^{(11)}m_{201}^{(22)}m_{121}^{(10)}\\
&+m_{101}^{(11)}m_{201}^{(22)}m_{031}^{(00)}+m_{101}^{(11)}m_{120}^{(00)}m_{112}^{(22)}-m_{101}^{(11)}m_{120}^{(00)}m_{103}^{(21)}+m_{101}^{(11)}m_{120}^{(00)}m_{013}^{(20)}\\
&-m_{101}^{(11)}m_{120}^{(00)}m_{004}^{(10)}-m_{101}^{(11)}m_{120}^{(10)}m_{202}^{(22)}+m_{101}^{(11)}m_{120}^{(10)}m_{004}^{(00)}-m_{101}^{(11)}m_{120}^{(20)}m_{211}^{(22)}\\
&+2m_{101}^{(11)}m_{120}^{(20)}m_{202}^{(21)}-2m_{101}^{(11)}m_{120}^{(20)}m_{112}^{(20)}+2m_{101}^{(11)}m_{120}^{(20)}m_{103}^{(10)}-m_{101}^{(11)}m_{120}^{(20)}m_{013}^{(00)}\\
&+m_{101}^{(11)}m_{120}^{(21)}m_{301}^{(22)}-m_{101}^{(11)}m_{120}^{(21)}m_{103}^{(00)}-m_{101}^{(11)}m_{120}^{(22)}m_{301}^{(21)}+m_{101}^{(11)}m_{120}^{(22)}m_{211}^{(20)}\\
&-m_{101}^{(11)}m_{120}^{(22)}m_{202}^{(10)}+m_{101}^{(11)}m_{120}^{(22)}m_{112}^{(00)}-2m_{101}^{(11)}m_{111}^{(00)}m_{022}^{(20)}+2m_{101}^{(11)}m_{111}^{(00)}m_{013}^{(10)}\\
&+2m_{101}^{(11)}m_{111}^{(10)}m_{211}^{(22)}-2m_{101}^{(11)}m_{111}^{(10)}m_{202}^{(21)}+4m_{101}^{(11)}m_{111}^{(10)}m_{112}^{(20)}-2m_{101}^{(11)}m_{111}^{(10)}m_{103}^{(10)}\\
&-2m_{101}^{(11)}m_{111}^{(10)}m_{013}^{(00)}-2m_{101}^{(11)}m_{111}^{(11)}m_{301}^{(22)}+2m_{101}^{(11)}m_{111}^{(11)}m_{103}^{(00)}-2m_{101}^{(11)}m_{111}^{(20)}m_{220}^{(22)}\\
&+2m_{101}^{(11)}m_{111}^{(20)}m_{211}^{(21)}-2m_{101}^{(11)}m_{111}^{(20)}m_{112}^{(10)}+2m_{101}^{(11)}m_{111}^{(20)}m_{022}^{(00)}+2m_{101}^{(11)}m_{111}^{(21)}m_{310}^{(22)}\\
&+2m_{101}^{(11)}m_{111}^{(21)}m_{301}^{(21)}-4m_{101}^{(11)}m_{111}^{(21)}m_{211}^{(20)}+2m_{101}^{(11)}m_{111}^{(21)}m_{202}^{(10)}-2m_{101}^{(11)}m_{111}^{(21)}m_{112}^{(00)}\\
&-2m_{101}^{(11)}m_{111}^{(22)}m_{310}^{(21)}+2m_{101}^{(11)}m_{111}^{(22)}m_{220}^{(20)}-m_{101}^{(11)}m_{102}^{(00)}m_{130}^{(22)}+m_{101}^{(11)}m_{102}^{(00)}m_{121}^{(21)}\\
&+m_{101}^{(11)}m_{102}^{(00)}m_{031}^{(20)}-m_{101}^{(11)}m_{102}^{(00)}m_{022}^{(10)}+2m_{101}^{(11)}m_{102}^{(10)}m_{220}^{(22)}-m_{101}^{(11)}m_{102}^{(10)}m_{211}^{(21)}
\end{aligned}
$$

$$
\begin{aligned}
&-4m_{101}^{(11)}m_{102}^{(10)}m_{121}^{(20)}+2m_{101}^{(11)}m_{102}^{(10)}m_{112}^{(10)}+m_{101}^{(11)}m_{102}^{(10)}m_{022}^{(00)}-m_{101}^{(11)}m_{102}^{(11)}m_{310}^{(22)}\\
&+3m_{101}^{(11)}m_{102}^{(11)}m_{211}^{(20)}-2m_{101}^{(11)}m_{102}^{(11)}m_{112}^{(00)}-m_{101}^{(11)}m_{102}^{(20)}m_{220}^{(21)}+2m_{101}^{(11)}m_{102}^{(20)}m_{130}^{(20)}\\
&-m_{101}^{(11)}m_{102}^{(20)}m_{031}^{(00)}+m_{101}^{(11)}m_{102}^{(21)}m_{310}^{(21)}-2m_{101}^{(11)}m_{102}^{(21)}m_{220}^{(20)}-2m_{101}^{(11)}m_{102}^{(21)}m_{211}^{(10)}\\
&+3m_{101}^{(11)}m_{102}^{(21)}m_{121}^{(00)}+m_{101}^{(11)}m_{102}^{(22)}m_{220}^{(10)}-m_{101}^{(11)}m_{102}^{(22)}m_{130}^{(00)}-m_{101}^{(11)}m_{021}^{(00)}m_{211}^{(22)}\\
&+m_{101}^{(11)}m_{021}^{(00)}m_{202}^{(21)}-m_{101}^{(11)}m_{021}^{(00)}m_{112}^{(20)}+m_{101}^{(11)}m_{021}^{(00)}m_{103}^{(10)}+m_{101}^{(11)}m_{021}^{(10)}m_{301}^{(22)}\\
&-m_{101}^{(11)}m_{021}^{(10)}m_{103}^{(00)}+m_{101}^{(11)}m_{021}^{(20)}m_{310}^{(22)}-2m_{101}^{(11)}m_{021}^{(20)}m_{301}^{(21)}+2m_{101}^{(11)}m_{021}^{(20)}m_{211}^{(20)}\\
&-2m_{101}^{(11)}m_{021}^{(20)}m_{202}^{(10)}+m_{101}^{(11)}m_{021}^{(20)}m_{112}^{(00)}-m_{101}^{(11)}m_{021}^{(21)}m_{400}^{(22)}+m_{101}^{(11)}m_{021}^{(21)}m_{202}^{(00)}\\
&+m_{101}^{(11)}m_{021}^{(22)}m_{400}^{(21)}-m_{101}^{(11)}m_{021}^{(22)}m_{310}^{(20)}+m_{101}^{(11)}m_{021}^{(22)}m_{301}^{(10)}-m_{101}^{(11)}m_{021}^{(22)}m_{211}^{(00)}\\
&+m_{101}^{(11)}m_{012}^{(00)}m_{220}^{(22)}-m_{101}^{(11)}m_{012}^{(00)}m_{211}^{(21)}+2m_{101}^{(11)}m_{012}^{(00)}m_{121}^{(20)}-2m_{101}^{(11)}m_{012}^{(00)}m_{112}^{(10)}\\
&-2m_{101}^{(11)}m_{012}^{(10)}m_{310}^{(22)}+m_{101}^{(11)}m_{012}^{(10)}m_{301}^{(21)}-2m_{101}^{(11)}m_{012}^{(10)}m_{211}^{(20)}+m_{101}^{(11)}m_{012}^{(10)}m_{202}^{(10)}\\
&+2m_{101}^{(11)}m_{012}^{(10)}m_{112}^{(00)}+m_{101}^{(11)}m_{012}^{(11)}m_{400}^{(22)}-m_{101}^{(11)}m_{012}^{(11)}m_{202}^{(00)}+m_{101}^{(11)}m_{012}^{(20)}m_{310}^{(21)}\\
&-2m_{101}^{(11)}m_{012}^{(20)}m_{220}^{(20)}+3m_{101}^{(11)}m_{012}^{(20)}m_{211}^{(10)}-2m_{101}^{(11)}m_{012}^{(20)}m_{121}^{(00)}-m_{101}^{(11)}m_{012}^{(21)}m_{400}^{(21)}\\
&+2m_{101}^{(11)}m_{012}^{(21)}m_{310}^{(20)}-m_{101}^{(11)}m_{012}^{(21)}m_{301}^{(10)}-m_{101}^{(11)}m_{012}^{(22)}m_{310}^{(10)}+m_{101}^{(11)}m_{012}^{(22)}m_{220}^{(00)}\\
&-m_{101}^{(11)}m_{003}^{(00)}m_{130}^{(20)}+m_{101}^{(11)}m_{003}^{(00)}m_{121}^{(10)}+2m_{101}^{(11)}m_{003}^{(10)}m_{220}^{(20)}-m_{101}^{(11)}m_{003}^{(10)}m_{211}^{(10)}\\
&-m_{101}^{(11)}m_{003}^{(10)}m_{121}^{(00)}-m_{101}^{(11)}m_{003}^{(11)}m_{310}^{(20)}+m_{101}^{(11)}m_{003}^{(11)}m_{211}^{(00)}-m_{101}^{(11)}m_{003}^{(20)}m_{220}^{(10)}\\
&+m_{101}^{(11)}m_{003}^{(20)}m_{130}^{(00)}+m_{101}^{(11)}m_{003}^{(21)}m_{310}^{(10)}-m_{101}^{(11)}m_{003}^{(21)}m_{220}^{(00)}-m_{101}^{(21)}m_{300}^{(10)}m_{031}^{(22)}\\
&+m_{101}^{(21)}m_{300}^{(10)}m_{013}^{(11)}+m_{101}^{(21)}m_{300}^{(11)}m_{121}^{(22)}+m_{101}^{(21)}m_{300}^{(11)}m_{112}^{(21)}-m_{101}^{(21)}m_{300}^{(11)}m_{022}^{(20)}\\
&-m_{101}^{(21)}m_{300}^{(11)}m_{013}^{(10)}+m_{101}^{(21)}m_{300}^{(20)}m_{040}^{(22)}-m_{101}^{(21)}m_{300}^{(20)}m_{022}^{(11)}-m_{101}^{(21)}m_{300}^{(21)}m_{130}^{(22)}\\
&-2m_{101}^{(21)}m_{300}^{(21)}m_{121}^{(21)}-m_{101}^{(21)}m_{300}^{(21)}m_{112}^{(11)}+2m_{101}^{(21)}m_{300}^{(21)}m_{031}^{(20)}+2m_{101}^{(21)}m_{300}^{(21)}m_{022}^{(10)}\\
&+m_{101}^{(21)}m_{300}^{(22)}m_{130}^{(21)}+m_{101}^{(21)}m_{300}^{(22)}m_{121}^{(11)}-m_{101}^{(21)}m_{300}^{(22)}m_{040}^{(20)}-m_{101}^{(21)}m_{300}^{(22)}m_{031}^{(10)}\\
&+m_{101}^{(21)}m_{210}^{(00)}m_{031}^{(22)}-m_{101}^{(21)}m_{210}^{(00)}m_{013}^{(11)}+m_{101}^{(21)}m_{210}^{(10)}m_{121}^{(22)}-2m_{101}^{(21)}m_{210}^{(10)}m_{112}^{(21)}\\
&-m_{101}^{(21)}m_{210}^{(10)}m_{103}^{(11)}+2m_{101}^{(21)}m_{210}^{(10)}m_{022}^{(20)}-2m_{101}^{(21)}m_{210}^{(11)}m_{211}^{(22)}-m_{101}^{(21)}m_{210}^{(11)}m_{202}^{(21)}\\
&+m_{101}^{(21)}m_{210}^{(11)}m_{112}^{(20)}+m_{101}^{(21)}m_{210}^{(11)}m_{103}^{(10)}+m_{101}^{(21)}m_{210}^{(11)}m_{013}^{(00)}-3m_{101}^{(21)}m_{210}^{(20)}m_{130}^{(20)}\\
&+2m_{101}^{(21)}m_{210}^{(20)}m_{121}^{(21)}+3m_{101}^{(21)}m_{210}^{(20)}m_{112}^{(11)}-2m_{101}^{(21)}m_{210}^{(20)}m_{031}^{(20)}+3m_{101}^{(21)}m_{210}^{(21)}m_{220}^{(22)}\\
&+4m_{101}^{(21)}m_{210}^{(21)}m_{211}^{(21)}+m_{101}^{(21)}m_{210}^{(21)}m_{202}^{(11)}-4m_{101}^{(21)}m_{210}^{(21)}m_{121}^{(20)}-2m_{101}^{(21)}m_{210}^{(21)}m_{112}^{(10)}\\
&-2m_{101}^{(21)}m_{210}^{(21)}m_{022}^{(00)}-3m_{101}^{(21)}m_{210}^{(22)}m_{220}^{(21)}-2m_{101}^{(21)}m_{210}^{(22)}m_{211}^{(11)}+3m_{101}^{(21)}m_{210}^{(22)}m_{130}^{(20)}\\
&+m_{101}^{(21)}m_{210}^{(22)}m_{121}^{(10)}+m_{101}^{(21)}m_{210}^{(22)}m_{031}^{(00)}-m_{101}^{(21)}m_{201}^{(00)}m_{040}^{(22)}+m_{101}^{(21)}m_{201}^{(00)}m_{022}^{(11)}\\
&+2m_{101}^{(21)}m_{201}^{(10)}m_{130}^{(22)}+2m_{101}^{(21)}m_{201}^{(10)}m_{121}^{(21)}-2m_{101}^{(21)}m_{201}^{(10)}m_{112}^{(11)}-2m_{101}^{(21)}m_{201}^{(10)}m_{031}^{(20)}\\
&-m_{101}^{(21)}m_{201}^{(11)}m_{220}^{(22)}-2m_{101}^{(21)}m_{201}^{(11)}m_{211}^{(21)}+2m_{101}^{(21)}m_{201}^{(11)}m_{121}^{(20)}+2m_{101}^{(21)}m_{201}^{(11)}m_{112}^{(10)}\\
&-m_{101}^{(21)}m_{201}^{(11)}m_{022}^{(00)}-2m_{101}^{(21)}m_{201}^{(20)}m_{130}^{(21)}+2m_{101}^{(21)}m_{201}^{(20)}m_{040}^{(20)}+2m_{101}^{(21)}m_{201}^{(21)}m_{220}^{(21)}\\
&+2m_{101}^{(21)}m_{201}^{(21)}m_{211}^{(11)}-2m_{101}^{(21)}m_{201}^{(21)}m_{130}^{(20)}-4m_{101}^{(21)}m_{201}^{(21)}m_{121}^{(10)}+2m_{101}^{(21)}m_{201}^{(21)}m_{031}^{(00)}\\
&-m_{101}^{(21)}m_{201}^{(22)}m_{220}^{(11)}+2m_{101}^{(21)}m_{201}^{(22)}m_{130}^{(10)}-m_{101}^{(21)}m_{201}^{(22)}m_{040}^{(00)}-2m_{101}^{(21)}m_{120}^{(00)}m_{121}^{(22)}\\
&+m_{101}^{(21)}m_{120}^{(00)}m_{112}^{(21)}+m_{101}^{(21)}m_{120}^{(00)}m_{103}^{(11)}-m_{101}^{(21)}m_{120}^{(00)}m_{022}^{(20)}+m_{101}^{(21)}m_{120}^{(00)}m_{013}^{(10)}\\
&+m_{101}^{(21)}m_{120}^{(10)}m_{211}^{(22)}+2m_{101}^{(21)}m_{120}^{(10)}m_{202}^{(21)}-2m_{101}^{(21)}m_{120}^{(10)}m_{112}^{(20)}-m_{101}^{(21)}m_{120}^{(10)}m_{013}^{(00)}\\
&+m_{101}^{(21)}m_{120}^{(11)}m_{301}^{(22)}-m_{101}^{(21)}m_{120}^{(11)}m_{103}^{(00)}+3m_{101}^{(21)}m_{120}^{(20)}m_{220}^{(22)}-4m_{101}^{(21)}m_{120}^{(20)}m_{211}^{(21)}\\
&-2m_{101}^{(21)}m_{120}^{(20)}m_{202}^{(11)}+4m_{101}^{(21)}m_{120}^{(20)}m_{121}^{(20)}-2m_{101}^{(21)}m_{120}^{(20)}m_{112}^{(10)}+m_{101}^{(21)}m_{120}^{(20)}m_{022}^{(00)}\\
&-3m_{101}^{(21)}m_{120}^{(21)}m_{310}^{(22)}-2m_{101}^{(21)}m_{120}^{(21)}m_{301}^{(21)}+2m_{101}^{(21)}m_{120}^{(21)}m_{211}^{(20)}+3m_{101}^{(21)}m_{120}^{(21)}m_{112}^{(00)}\\
&+3m_{101}^{(21)}m_{120}^{(22)}m_{310}^{(21)}+m_{101}^{(21)}m_{120}^{(22)}m_{301}^{(11)}-3m_{101}^{(21)}m_{120}^{(22)}m_{220}^{(20)}+m_{101}^{(21)}m_{120}^{(22)}m_{211}^{(10)}
\end{aligned}
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\begin{aligned}
&-2m_{101}^{(21)}m_{120}^{(22)}m_{121}^{(00)} + 2m_{101}^{(21)}m_{111}^{(00)}m_{130}^{(22)} - 2m_{101}^{(21)}m_{111}^{(00)}m_{121}^{(21)} + 2m_{101}^{(21)}m_{111}^{(00)}m_{031}^{(20)}\\
&-2m_{101}^{(21)}m_{111}^{(00)}m_{022}^{(10)} - 4m_{101}^{(21)}m_{111}^{(10)}m_{220}^{(22)} + 2m_{101}^{(21)}m_{111}^{(10)}m_{202}^{(11)} + 2m_{101}^{(21)}m_{111}^{(10)}m_{022}^{(00)}\\
&+2m_{101}^{(21)}m_{111}^{(11)}m_{310}^{(22)} + 2m_{101}^{(21)}m_{111}^{(11)}m_{301}^{(21)} - 2m_{101}^{(21)}m_{111}^{(11)}m_{211}^{(20)} - 2m_{101}^{(21)}m_{111}^{(11)}m_{202}^{(10)}\\
&+4m_{101}^{(21)}m_{111}^{(20)}m_{220}^{(21)} - 2m_{101}^{(21)}m_{111}^{(20)}m_{211}^{(11)} - 4m_{101}^{(21)}m_{111}^{(20)}m_{130}^{(20)} + 4m_{101}^{(21)}m_{111}^{(20)}m_{121}^{(10)}\\
&-2m_{101}^{(21)}m_{111}^{(20)}m_{031}^{(00)} - 4m_{101}^{(21)}m_{111}^{(21)}m_{310}^{(21)} - 2m_{101}^{(21)}m_{111}^{(21)}m_{301}^{(11)} + 4m_{101}^{(21)}m_{111}^{(21)}m_{220}^{(20)}\\
&+4m_{101}^{(21)}m_{111}^{(21)}m_{211}^{(10)} - 2m_{101}^{(21)}m_{111}^{(21)}m_{121}^{(00)} + 2m_{101}^{(21)}m_{111}^{(22)}m_{310}^{(11)} - 4m_{101}^{(21)}m_{111}^{(22)}m_{220}^{(10)}\\
&+2m_{101}^{(21)}m_{111}^{(22)}m_{130}^{(00)} + m_{101}^{(21)}m_{102}^{(00)}m_{130}^{(21)} - m_{101}^{(21)}m_{102}^{(00)}m_{121}^{(11)} - m_{101}^{(21)}m_{102}^{(00)}m_{040}^{(20)}\\
&+m_{101}^{(21)}m_{102}^{(00)}m_{031}^{(10)} - 2m_{101}^{(21)}m_{102}^{(10)}m_{220}^{(21)} + m_{101}^{(21)}m_{102}^{(10)}m_{211}^{(11)} + 2m_{101}^{(21)}m_{102}^{(10)}m_{130}^{(20)}\\
&-m_{101}^{(21)}m_{102}^{(10)}m_{031}^{(00)} + m_{101}^{(21)}m_{102}^{(11)}m_{310}^{(21)} - m_{101}^{(21)}m_{102}^{(11)}m_{220}^{(20)} - m_{101}^{(21)}m_{102}^{(11)}m_{211}^{(10)}\\
&+m_{101}^{(21)}m_{102}^{(11)}m_{121}^{(00)} + m_{101}^{(21)}m_{102}^{(20)}m_{220}^{(11)} - 2m_{101}^{(21)}m_{102}^{(20)}m_{130}^{(10)} + m_{101}^{(21)}m_{102}^{(20)}m_{040}^{(00)}\\
&-m_{101}^{(21)}m_{102}^{(21)}m_{310}^{(11)} + 2m_{101}^{(21)}m_{102}^{(21)}m_{220}^{(10)} - m_{101}^{(21)}m_{102}^{(21)}m_{130}^{(00)} + m_{101}^{(21)}m_{030}^{(00)}m_{211}^{(22)}\\
&-m_{101}^{(21)}m_{030}^{(00)}m_{202}^{(21)} + m_{101}^{(21)}m_{030}^{(00)}m_{112}^{(20)} - m_{101}^{(21)}m_{030}^{(00)}m_{103}^{(10)} - m_{101}^{(21)}m_{030}^{(10)}m_{301}^{(22)}\\
&+m_{101}^{(21)}m_{030}^{(10)}m_{103}^{(00)} - m_{101}^{(21)}m_{030}^{(20)}m_{310}^{(22)} + 2m_{101}^{(21)}m_{030}^{(20)}m_{301}^{(21)} - 2m_{101}^{(21)}m_{030}^{(20)}m_{211}^{(20)}\\
&+2m_{101}^{(21)}m_{030}^{(20)}m_{202}^{(10)} - m_{101}^{(21)}m_{030}^{(20)}m_{112}^{(00)} + m_{101}^{(21)}m_{030}^{(21)}m_{400}^{(22)} - m_{101}^{(21)}m_{030}^{(21)}m_{202}^{(00)}\\
&-m_{101}^{(21)}m_{030}^{(22)}m_{400}^{(21)} + m_{101}^{(21)}m_{030}^{(22)}m_{310}^{(20)} - m_{101}^{(21)}m_{030}^{(22)}m_{301}^{(10)} + m_{101}^{(21)}m_{030}^{(22)}m_{211}^{(00)}\\
&-m_{101}^{(21)}m_{021}^{(00)}m_{220}^{(22)} + 2m_{101}^{(21)}m_{021}^{(00)}m_{211}^{(21)} - m_{101}^{(21)}m_{021}^{(00)}m_{202}^{(11)} - 2m_{101}^{(21)}m_{021}^{(00)}m_{121}^{(20)}\\
&+2m_{101}^{(21)}m_{021}^{(00)}m_{112}^{(10)} + 2m_{101}^{(21)}m_{021}^{(10)}m_{310}^{(22)} - 2m_{101}^{(21)}m_{021}^{(10)}m_{301}^{(21)} + 2m_{101}^{(21)}m_{021}^{(10)}m_{211}^{(20)}\\
&-2m_{101}^{(21)}m_{021}^{(10)}m_{112}^{(00)} - m_{101}^{(21)}m_{021}^{(11)}m_{400}^{(22)} + m_{101}^{(21)}m_{021}^{(11)}m_{202}^{(00)} - 2m_{101}^{(21)}m_{021}^{(20)}m_{310}^{(21)}\\
&+2m_{101}^{(21)}m_{021}^{(20)}m_{301}^{(11)} + 2m_{101}^{(21)}m_{021}^{(20)}m_{220}^{(20)} - 4m_{101}^{(21)}m_{021}^{(20)}m_{211}^{(10)} + 2m_{101}^{(21)}m_{021}^{(20)}m_{121}^{(00)}\\
&+2m_{101}^{(21)}m_{021}^{(21)}m_{400}^{(21)} - 2m_{101}^{(21)}m_{021}^{(21)}m_{310}^{(20)} - m_{101}^{(21)}m_{021}^{(22)}m_{400}^{(11)} + 2m_{101}^{(21)}m_{021}^{(22)}m_{310}^{(10)}\\
&-m_{101}^{(21)}m_{021}^{(22)}m_{220}^{(00)} - m_{101}^{(21)}m_{012}^{(00)}m_{220}^{(21)} + m_{101}^{(21)}m_{012}^{(00)}m_{211}^{(11)} + m_{101}^{(21)}m_{012}^{(00)}m_{130}^{(20)}\\
&-m_{101}^{(21)}m_{012}^{(00)}m_{121}^{(10)} + 2m_{101}^{(21)}m_{012}^{(10)}m_{310}^{(21)} - m_{101}^{(21)}m_{012}^{(10)}m_{301}^{(11)} - 2m_{101}^{(21)}m_{012}^{(10)}m_{220}^{(20)}\\
&+m_{101}^{(21)}m_{012}^{(10)}m_{121}^{(00)} - m_{101}^{(21)}m_{012}^{(11)}m_{400}^{(21)} + m_{101}^{(21)}m_{012}^{(11)}m_{310}^{(20)} + m_{101}^{(21)}m_{012}^{(11)}m_{301}^{(10)}\\
&-m_{101}^{(21)}m_{012}^{(11)}m_{211}^{(00)} - m_{101}^{(21)}m_{012}^{(20)}m_{310}^{(11)} + 2m_{101}^{(21)}m_{012}^{(20)}m_{220}^{(10)} - m_{101}^{(21)}m_{012}^{(20)}m_{130}^{(00)}\\
&+m_{101}^{(21)}m_{012}^{(21)}m_{400}^{(11)} - 2m_{101}^{(21)}m_{012}^{(21)}m_{310}^{(10)} + m_{101}^{(21)}m_{012}^{(21)}m_{220}^{(00)} + m_{101}^{(22)}m_{300}^{(10)}m_{031}^{(21)}\\
&-m_{101}^{(22)}m_{300}^{(10)}m_{022}^{(11)} - m_{101}^{(22)}m_{300}^{(11)}m_{121}^{(21)} + m_{101}^{(22)}m_{300}^{(11)}m_{022}^{(10)} - m_{101}^{(22)}m_{300}^{(20)}m_{040}^{(21)}\\
&+m_{101}^{(22)}m_{300}^{(20)}m_{031}^{(11)} + m_{101}^{(22)}m_{300}^{(21)}m_{130}^{(21)} + m_{101}^{(22)}m_{300}^{(21)}m_{121}^{(11)} - 2m_{101}^{(22)}m_{300}^{(21)}m_{031}^{(10)}\\
&-m_{101}^{(22)}m_{300}^{(22)}m_{130}^{(11)} + m_{101}^{(22)}m_{300}^{(22)}m_{040}^{(10)} - m_{101}^{(22)}m_{210}^{(00)}m_{031}^{(21)} + m_{101}^{(22)}m_{210}^{(00)}m_{022}^{(11)}\\
&-m_{101}^{(22)}m_{210}^{(10)}m_{121}^{(21)} + 2m_{101}^{(22)}m_{210}^{(10)}m_{112}^{(11)} - m_{101}^{(22)}m_{210}^{(10)}m_{022}^{(10)} + 2m_{101}^{(22)}m_{210}^{(11)}m_{211}^{(21)}\\
&-2m_{101}^{(22)}m_{210}^{(11)}m_{112}^{(10)} + 3m_{101}^{(22)}m_{210}^{(20)}m_{130}^{(21)} - 4m_{101}^{(22)}m_{210}^{(20)}m_{121}^{(11)} + m_{101}^{(22)}m_{210}^{(20)}m_{031}^{(10)}\\
&-3m_{101}^{(22)}m_{210}^{(21)}m_{220}^{(21)} - 2m_{101}^{(22)}m_{210}^{(21)}m_{211}^{(11)} + 5m_{101}^{(22)}m_{210}^{(21)}m_{121}^{(10)} + 3m_{101}^{(22)}m_{210}^{(22)}m_{220}^{(11)}\\
&-3m_{101}^{(22)}m_{210}^{(22)}m_{130}^{(10)} + m_{101}^{(22)}m_{201}^{(00)}m_{040}^{(21)} - m_{101}^{(22)}m_{201}^{(00)}m_{031}^{(11)} - 2m_{101}^{(22)}m_{201}^{(10)}m_{130}^{(21)}\\
&+m_{101}^{(22)}m_{201}^{(10)}m_{121}^{(11)} + m_{101}^{(22)}m_{201}^{(10)}m_{031}^{(10)} + m_{101}^{(22)}m_{201}^{(11)}m_{220}^{(21)} - m_{101}^{(22)}m_{201}^{(11)}m_{121}^{(10)}\\
&+m_{101}^{(22)}m_{201}^{(20)}m_{130}^{(11)} - m_{101}^{(22)}m_{201}^{(20)}m_{040}^{(10)} - m_{101}^{(22)}m_{201}^{(21)}m_{220}^{(11)} + m_{101}^{(22)}m_{201}^{(21)}m_{130}^{(10)}\\
&+2m_{101}^{(22)}m_{120}^{(00)}m_{121}^{(21)} - 2m_{101}^{(22)}m_{120}^{(00)}m_{112}^{(11)} - m_{101}^{(22)}m_{120}^{(10)}m_{211}^{(21)} - m_{101}^{(22)}m_{120}^{(10)}m_{202}^{(11)}\\
&+2m_{101}^{(22)}m_{120}^{(10)}m_{112}^{(10)} - m_{101}^{(22)}m_{120}^{(11)}m_{301}^{(21)} + m_{101}^{(22)}m_{120}^{(11)}m_{202}^{(10)} - 3m_{101}^{(22)}m_{120}^{(20)}m_{220}^{(21)}\\
&+5m_{101}^{(22)}m_{120}^{(20)}m_{211}^{(11)} - 2m_{101}^{(22)}m_{120}^{(20)}m_{121}^{(10)} + 3m_{101}^{(22)}m_{120}^{(21)}m_{310}^{(21)} + m_{101}^{(22)}m_{120}^{(21)}m_{301}^{(11)}\\
&-4m_{101}^{(22)}m_{120}^{(21)}m_{211}^{(10)} - 3m_{101}^{(22)}m_{120}^{(22)}m_{310}^{(11)} + 3m_{101}^{(22)}m_{120}^{(22)}m_{220}^{(10)} - 2m_{101}^{(22)}m_{111}^{(00)}m_{130}^{(21)}
\end{aligned}
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$$+2m_{101}^{(22)}m_{111}^{(00)}m_{121}^{(11)}+4m_{101}^{(22)}m_{111}^{(10)}m_{220}^{(21)}-2m_{101}^{(22)}m_{111}^{(10)}m_{211}^{(11)}-2m_{101}^{(22)}m_{111}^{(10)}m_{121}^{(10)}$$
$$-2m_{101}^{(22)}m_{111}^{(11)}m_{310}^{(21)}+2m_{101}^{(22)}m_{111}^{(11)}m_{211}^{(10)}-2m_{101}^{(22)}m_{111}^{(20)}m_{220}^{(11)}+2m_{101}^{(22)}m_{111}^{(20)}m_{130}^{(10)}$$
$$+2m_{101}^{(22)}m_{111}^{(21)}m_{310}^{(11)}-2m_{101}^{(22)}m_{111}^{(21)}m_{220}^{(10)}-m_{101}^{(22)}m_{030}^{(00)}m_{211}^{(21)}+m_{101}^{(22)}m_{030}^{(00)}m_{202}^{(11)}$$
$$+m_{101}^{(22)}m_{030}^{(10)}m_{301}^{(21)}-m_{101}^{(22)}m_{030}^{(10)}m_{202}^{(10)}+m_{101}^{(22)}m_{030}^{(20)}m_{310}^{(21)}-2m_{101}^{(22)}m_{030}^{(20)}m_{301}^{(11)}$$
$$+m_{101}^{(22)}m_{030}^{(20)}m_{211}^{(10)}-m_{101}^{(22)}m_{030}^{(21)}m_{400}^{(21)}+m_{101}^{(22)}m_{030}^{(21)}m_{301}^{(10)}+m_{101}^{(22)}m_{030}^{(22)}m_{400}^{(11)}$$
$$-m_{101}^{(22)}m_{030}^{(22)}m_{310}^{(10)}+m_{101}^{(22)}m_{021}^{(00)}m_{220}^{(21)}-m_{101}^{(22)}m_{021}^{(00)}m_{211}^{(11)}-2m_{101}^{(22)}m_{021}^{(10)}m_{310}^{(21)}$$
$$+m_{101}^{(22)}m_{021}^{(10)}m_{301}^{(11)}+m_{101}^{(22)}m_{021}^{(10)}m_{211}^{(10)}+m_{101}^{(22)}m_{021}^{(11)}m_{400}^{(21)}-m_{101}^{(22)}m_{021}^{(11)}m_{301}^{(10)}$$
$$+m_{101}^{(22)}m_{021}^{(20)}m_{310}^{(11)}-m_{101}^{(22)}m_{021}^{(20)}m_{220}^{(10)}-m_{101}^{(22)}m_{021}^{(21)}m_{400}^{(11)}+m_{101}^{(22)}m_{021}^{(21)}m_{310}^{(10)}$$
$$-m_{020}^{(00)}m_{210}^{(10)}m_{013}^{(22)}+m_{020}^{(00)}m_{210}^{(10)}m_{004}^{(21)}+m_{020}^{(00)}m_{210}^{(11)}m_{103}^{(22)}-m_{020}^{(00)}m_{210}^{(11)}m_{004}^{(20)}$$
$$+m_{020}^{(00)}m_{210}^{(20)}m_{022}^{(22)}-m_{020}^{(00)}m_{210}^{(20)}m_{013}^{(21)}-m_{020}^{(00)}m_{210}^{(21)}m_{112}^{(22)}-m_{020}^{(00)}m_{210}^{(21)}m_{103}^{(21)}$$
$$+2m_{020}^{(00)}m_{210}^{(21)}m_{013}^{(20)}+m_{020}^{(00)}m_{210}^{(22)}m_{112}^{(21)}-m_{020}^{(00)}m_{210}^{(22)}m_{022}^{(20)}+m_{020}^{(00)}m_{201}^{(10)}m_{022}^{(22)}$$
$$-m_{020}^{(00)}m_{201}^{(10)}m_{013}^{(21)}-m_{020}^{(00)}m_{201}^{(11)}m_{112}^{(22)}+m_{020}^{(00)}m_{201}^{(11)}m_{013}^{(20)}-m_{020}^{(00)}m_{201}^{(20)}m_{031}^{(22)}$$
$$+m_{020}^{(00)}m_{201}^{(20)}m_{022}^{(21)}+m_{020}^{(00)}m_{201}^{(21)}m_{121}^{(22)}+m_{020}^{(00)}m_{201}^{(21)}m_{112}^{(21)}-2m_{020}^{(00)}m_{201}^{(21)}m_{022}^{(20)}$$
$$-m_{020}^{(00)}m_{201}^{(22)}m_{121}^{(21)}+m_{020}^{(00)}m_{201}^{(22)}m_{031}^{(20)}+m_{020}^{(00)}m_{120}^{(00)}m_{013}^{(22)}-m_{020}^{(00)}m_{120}^{(00)}m_{004}^{(21)}$$
$$-m_{020}^{(00)}m_{120}^{(10)}m_{103}^{(22)}+m_{020}^{(00)}m_{120}^{(10)}m_{004}^{(20)}-m_{020}^{(00)}m_{120}^{(20)}m_{112}^{(22)}+2m_{020}^{(00)}m_{120}^{(20)}m_{103}^{(21)}$$
$$-m_{020}^{(00)}m_{120}^{(20)}m_{013}^{(20)}+m_{020}^{(00)}m_{120}^{(21)}m_{202}^{(22)}-m_{020}^{(00)}m_{120}^{(21)}m_{103}^{(20)}-m_{020}^{(00)}m_{120}^{(22)}m_{202}^{(21)}$$
$$+m_{020}^{(00)}m_{120}^{(22)}m_{112}^{(20)}-2m_{020}^{(00)}m_{111}^{(00)}m_{022}^{(22)}+2m_{020}^{(00)}m_{111}^{(00)}m_{013}^{(21)}+4m_{020}^{(00)}m_{111}^{(10)}m_{112}^{(22)}$$
$$-2m_{020}^{(00)}m_{111}^{(10)}m_{103}^{(21)}-2m_{020}^{(00)}m_{111}^{(10)}m_{013}^{(20)}-2m_{020}^{(00)}m_{111}^{(11)}m_{202}^{(22)}+2m_{020}^{(00)}m_{111}^{(11)}m_{103}^{(20)}$$
$$-2m_{020}^{(00)}m_{111}^{(20)}m_{112}^{(21)}+2m_{020}^{(00)}m_{111}^{(20)}m_{022}^{(20)}+2m_{020}^{(00)}m_{111}^{(21)}m_{202}^{(21)}-2m_{020}^{(00)}m_{111}^{(21)}m_{112}^{(20)}$$
$$+m_{020}^{(00)}m_{102}^{(00)}m_{031}^{(22)}-m_{020}^{(00)}m_{102}^{(00)}m_{022}^{(21)}-3m_{020}^{(00)}m_{102}^{(10)}m_{121}^{(22)}+2m_{020}^{(00)}m_{102}^{(10)}m_{112}^{(21)}$$
$$+m_{020}^{(00)}m_{102}^{(10)}m_{022}^{(20)}+2m_{020}^{(00)}m_{102}^{(11)}m_{211}^{(22)}-2m_{020}^{(00)}m_{102}^{(11)}m_{112}^{(20)}+m_{020}^{(00)}m_{102}^{(20)}m_{130}^{(22)}$$
$$-m_{020}^{(00)}m_{102}^{(20)}m_{031}^{(20)}-m_{020}^{(00)}m_{102}^{(21)}m_{220}^{(22)}-2m_{020}^{(00)}m_{102}^{(21)}m_{211}^{(21)}+3m_{020}^{(00)}m_{102}^{(21)}m_{121}^{(20)}$$
$$+m_{020}^{(00)}m_{102}^{(22)}m_{220}^{(21)}-m_{020}^{(00)}m_{102}^{(22)}m_{130}^{(20)}-m_{020}^{(00)}m_{021}^{(00)}m_{112}^{(22)}+m_{020}^{(00)}m_{021}^{(00)}m_{103}^{(21)}$$
$$+m_{020}^{(00)}m_{021}^{(10)}m_{202}^{(22)}-m_{020}^{(00)}m_{021}^{(10)}m_{103}^{(20)}+m_{020}^{(00)}m_{021}^{(20)}m_{211}^{(22)}-2m_{020}^{(00)}m_{021}^{(20)}m_{202}^{(21)}$$
$$+m_{020}^{(00)}m_{021}^{(20)}m_{112}^{(20)}-m_{020}^{(00)}m_{021}^{(21)}m_{301}^{(22)}+m_{020}^{(00)}m_{021}^{(21)}m_{202}^{(20)}+m_{020}^{(00)}m_{021}^{(22)}m_{301}^{(21)}$$
$$-m_{020}^{(00)}m_{021}^{(22)}m_{211}^{(20)}+2m_{020}^{(00)}m_{012}^{(00)}m_{121}^{(22)}-2m_{020}^{(00)}m_{012}^{(00)}m_{112}^{(21)}-3m_{020}^{(00)}m_{012}^{(10)}m_{211}^{(22)}$$
$$+m_{020}^{(00)}m_{012}^{(10)}m_{202}^{(21)}+2m_{020}^{(00)}m_{012}^{(10)}m_{112}^{(20)}+m_{020}^{(00)}m_{012}^{(11)}m_{301}^{(22)}-m_{020}^{(00)}m_{012}^{(11)}m_{202}^{(20)}$$
$$-m_{020}^{(00)}m_{012}^{(20)}m_{220}^{(22)}+3m_{020}^{(00)}m_{012}^{(20)}m_{211}^{(21)}-2m_{020}^{(00)}m_{012}^{(20)}m_{121}^{(20)}+m_{020}^{(00)}m_{012}^{(21)}m_{310}^{(22)}$$
$$-m_{020}^{(00)}m_{012}^{(21)}m_{301}^{(21)}-m_{020}^{(00)}m_{012}^{(22)}m_{310}^{(21)}+m_{020}^{(00)}m_{012}^{(22)}m_{220}^{(20)}-m_{020}^{(00)}m_{003}^{(00)}m_{130}^{(22)}$$
$$+m_{020}^{(00)}m_{003}^{(00)}m_{121}^{(21)}+2m_{020}^{(00)}m_{003}^{(10)}m_{220}^{(22)}-m_{020}^{(00)}m_{003}^{(10)}m_{211}^{(21)}-m_{020}^{(00)}m_{003}^{(10)}m_{121}^{(20)}$$
$$-m_{020}^{(00)}m_{003}^{(11)}m_{310}^{(22)}+m_{020}^{(00)}m_{003}^{(11)}m_{211}^{(20)}-m_{020}^{(00)}m_{003}^{(20)}m_{220}^{(21)}+m_{020}^{(00)}m_{003}^{(20)}m_{130}^{(20)}$$
$$+m_{020}^{(00)}m_{003}^{(21)}m_{310}^{(21)}-m_{020}^{(00)}m_{003}^{(21)}m_{220}^{(20)}+m_{020}^{(10)}m_{300}^{(10)}m_{013}^{(22)}-m_{020}^{(10)}m_{300}^{(10)}m_{004}^{(21)}$$
$$-m_{020}^{(10)}m_{300}^{(11)}m_{103}^{(22)}+m_{020}^{(10)}m_{300}^{(11)}m_{004}^{(20)}-m_{020}^{(10)}m_{300}^{(20)}m_{022}^{(22)}+m_{020}^{(10)}m_{300}^{(20)}m_{013}^{(21)}$$
$$+m_{020}^{(10)}m_{300}^{(21)}m_{112}^{(22)}+m_{020}^{(10)}m_{300}^{(21)}m_{103}^{(21)}-2m_{020}^{(10)}m_{300}^{(21)}m_{013}^{(20)}-m_{020}^{(10)}m_{300}^{(22)}m_{112}^{(21)}$$
$$+m_{020}^{(10)}m_{300}^{(22)}m_{022}^{(20)}-m_{020}^{(10)}m_{210}^{(00)}m_{013}^{(22)}+m_{020}^{(10)}m_{210}^{(00)}m_{004}^{(21)}+m_{020}^{(10)}m_{210}^{(10)}m_{103}^{(22)}$$
$$-m_{020}^{(10)}m_{210}^{(10)}m_{004}^{(20)}+m_{020}^{(10)}m_{210}^{(20)}m_{112}^{(22)}-2m_{020}^{(10)}m_{210}^{(20)}m_{103}^{(21)}+m_{020}^{(10)}m_{210}^{(20)}m_{013}^{(20)}$$
$$-m_{020}^{(10)}m_{210}^{(21)}m_{202}^{(22)}+m_{020}^{(10)}m_{210}^{(21)}m_{103}^{(20)}+m_{020}^{(10)}m_{210}^{(22)}m_{202}^{(21)}-m_{020}^{(10)}m_{210}^{(22)}m_{112}^{(20)}$$
$$+m_{020}^{(10)}m_{201}^{(00)}m_{022}^{(22)}-m_{020}^{(10)}m_{201}^{(00)}m_{013}^{(21)}-4m_{020}^{(10)}m_{201}^{(10)}m_{112}^{(22)}+3m_{020}^{(10)}m_{201}^{(10)}m_{103}^{(21)}$$

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\begin{aligned}
&+m_{020}^{(10)}m_{201}^{(10)}m_{013}^{(20)}+3m_{020}^{(10)}m_{201}^{(11)}m_{202}^{(22)}-3m_{020}^{(10)}m_{201}^{(11)}m_{103}^{(20)}+2m_{020}^{(10)}m_{201}^{(20)}m_{121}^{(22)}\\
&-m_{020}^{(10)}m_{201}^{(20)}m_{112}^{(21)}-m_{020}^{(10)}m_{201}^{(20)}m_{022}^{(20)}-2m_{020}^{(10)}m_{201}^{(21)}m_{211}^{(22)}-3m_{020}^{(10)}m_{201}^{(21)}m_{202}^{(21)}\\
&+5m_{020}^{(10)}m_{201}^{(21)}m_{112}^{(20)}+2m_{020}^{(10)}m_{201}^{(22)}m_{211}^{(21)}-2m_{020}^{(10)}m_{201}^{(22)}m_{121}^{(20)}+2m_{020}^{(10)}m_{111}^{(00)}m_{112}^{(22)}\\
&-2m_{020}^{(10)}m_{111}^{(00)}m_{103}^{(21)}-2m_{020}^{(10)}m_{111}^{(10)}m_{202}^{(22)}+2m_{020}^{(10)}m_{111}^{(10)}m_{103}^{(20)}-2m_{020}^{(10)}m_{111}^{(20)}m_{211}^{(22)}\\
&+4m_{020}^{(10)}m_{111}^{(20)}m_{202}^{(21)}-2m_{020}^{(10)}m_{111}^{(20)}m_{112}^{(20)}+2m_{020}^{(10)}m_{111}^{(21)}m_{301}^{(22)}-2m_{020}^{(10)}m_{111}^{(21)}m_{202}^{(20)}\\
&-2m_{020}^{(10)}m_{111}^{(22)}m_{301}^{(21)}+2m_{020}^{(10)}m_{111}^{(22)}m_{211}^{(20)}-2m_{020}^{(10)}m_{102}^{(00)}m_{121}^{(22)}+2m_{020}^{(10)}m_{102}^{(00)}m_{112}^{(21)}\\
&+5m_{020}^{(10)}m_{102}^{(10)}m_{211}^{(22)}-3m_{020}^{(10)}m_{102}^{(10)}m_{202}^{(21)}-2m_{020}^{(10)}m_{102}^{(10)}m_{112}^{(20)}-3m_{020}^{(10)}m_{102}^{(11)}m_{301}^{(22)}\\
&+3m_{020}^{(10)}m_{102}^{(11)}m_{202}^{(20)}-m_{020}^{(10)}m_{102}^{(20)}m_{220}^{(22)}-m_{020}^{(10)}m_{102}^{(20)}m_{211}^{(21)}+2m_{020}^{(10)}m_{102}^{(20)}m_{121}^{(20)}\\
&+m_{020}^{(10)}m_{102}^{(21)}m_{310}^{(22)}+3m_{020}^{(10)}m_{102}^{(21)}m_{301}^{(21)}-4m_{020}^{(10)}m_{102}^{(21)}m_{211}^{(20)}-m_{020}^{(10)}m_{102}^{(22)}m_{310}^{(21)}\\
&+m_{020}^{(10)}m_{102}^{(22)}m_{220}^{(20)}-m_{020}^{(10)}m_{012}^{(00)}m_{211}^{(22)}+m_{020}^{(10)}m_{012}^{(00)}m_{202}^{(21)}+m_{020}^{(10)}m_{012}^{(10)}m_{301}^{(22)}\\
&-m_{020}^{(10)}m_{012}^{(10)}m_{202}^{(20)}+m_{020}^{(10)}m_{012}^{(20)}m_{310}^{(22)}-2m_{020}^{(10)}m_{012}^{(20)}m_{301}^{(21)}+m_{020}^{(10)}m_{012}^{(20)}m_{211}^{(20)}\\
&-m_{020}^{(10)}m_{012}^{(21)}m_{400}^{(22)}+m_{020}^{(10)}m_{012}^{(21)}m_{301}^{(20)}+m_{020}^{(10)}m_{012}^{(22)}m_{400}^{(21)}-m_{020}^{(10)}m_{012}^{(22)}m_{310}^{(20)}\\
&+m_{020}^{(10)}m_{003}^{(00)}m_{220}^{(22)}-m_{020}^{(10)}m_{003}^{(00)}m_{211}^{(21)}-2m_{020}^{(10)}m_{003}^{(10)}m_{310}^{(22)}+m_{020}^{(10)}m_{003}^{(10)}m_{301}^{(21)}\\
&+m_{020}^{(10)}m_{003}^{(10)}m_{211}^{(20)}+m_{020}^{(10)}m_{003}^{(11)}m_{400}^{(22)}-m_{020}^{(10)}m_{003}^{(11)}m_{301}^{(20)}+m_{020}^{(10)}m_{003}^{(20)}m_{310}^{(21)}\\
&-m_{020}^{(10)}m_{003}^{(20)}m_{220}^{(20)}-m_{020}^{(10)}m_{003}^{(21)}m_{400}^{(21)}+m_{020}^{(10)}m_{003}^{(21)}m_{310}^{(20)}-m_{020}^{(20)}m_{300}^{(10)}m_{022}^{(22)}\\
&+m_{020}^{(20)}m_{300}^{(10)}m_{013}^{(21)}+m_{020}^{(20)}m_{300}^{(11)}m_{112}^{(22)}-m_{020}^{(20)}m_{300}^{(11)}m_{013}^{(20)}+m_{020}^{(20)}m_{300}^{(20)}m_{031}^{(22)}\\
&-m_{020}^{(20)}m_{300}^{(20)}m_{022}^{(21)}-m_{020}^{(20)}m_{300}^{(21)}m_{121}^{(22)}-m_{020}^{(20)}m_{300}^{(21)}m_{112}^{(21)}+2m_{020}^{(20)}m_{300}^{(21)}m_{022}^{(20)}\\
&+m_{020}^{(20)}m_{300}^{(22)}m_{121}^{(21)}-m_{020}^{(20)}m_{300}^{(22)}m_{031}^{(20)}+m_{020}^{(20)}m_{210}^{(00)}m_{022}^{(22)}-m_{020}^{(20)}m_{210}^{(00)}m_{013}^{(21)}\\
&-m_{020}^{(20)}m_{210}^{(10)}m_{103}^{(21)}+2m_{020}^{(20)}m_{210}^{(10)}m_{013}^{(20)}-m_{020}^{(20)}m_{210}^{(10)}m_{004}^{(10)}-m_{020}^{(20)}m_{210}^{(11)}m_{202}^{(22)}\\
&+m_{020}^{(20)}m_{210}^{(11)}m_{004}^{(00)}-2m_{020}^{(20)}m_{210}^{(20)}m_{121}^{(22)}+3m_{020}^{(20)}m_{210}^{(20)}m_{112}^{(21)}-2m_{020}^{(20)}m_{210}^{(20)}m_{022}^{(20)}\\
&+m_{020}^{(20)}m_{210}^{(20)}m_{013}^{(10)}+2m_{020}^{(20)}m_{210}^{(21)}m_{211}^{(22)}+m_{020}^{(20)}m_{210}^{(21)}m_{202}^{(21)}-2m_{020}^{(20)}m_{210}^{(21)}m_{112}^{(20)}\\
&+m_{020}^{(20)}m_{210}^{(21)}m_{103}^{(10)}-2m_{020}^{(20)}m_{210}^{(21)}m_{013}^{(00)}-2m_{020}^{(20)}m_{210}^{(22)}m_{211}^{(21)}+2m_{020}^{(20)}m_{210}^{(22)}m_{121}^{(20)}\\
&-m_{020}^{(20)}m_{210}^{(22)}m_{112}^{(10)}+m_{020}^{(20)}m_{210}^{(22)}m_{022}^{(00)}-m_{020}^{(20)}m_{201}^{(00)}m_{031}^{(22)}+m_{020}^{(20)}m_{201}^{(00)}m_{022}^{(21)}\\
&+3m_{020}^{(20)}m_{201}^{(10)}m_{121}^{(22)}-2m_{020}^{(20)}m_{201}^{(10)}m_{112}^{(21)}-2m_{020}^{(20)}m_{201}^{(10)}m_{022}^{(20)}+m_{020}^{(20)}m_{201}^{(10)}m_{013}^{(10)}\\
&-2m_{020}^{(20)}m_{201}^{(11)}m_{211}^{(22)}+3m_{020}^{(20)}m_{201}^{(11)}m_{112}^{(20)}-m_{020}^{(20)}m_{201}^{(11)}m_{013}^{(00)}-m_{020}^{(20)}m_{201}^{(20)}m_{130}^{(22)}\\
&+2m_{020}^{(20)}m_{201}^{(20)}m_{031}^{(20)}-m_{020}^{(20)}m_{201}^{(20)}m_{022}^{(10)}+m_{020}^{(20)}m_{201}^{(21)}m_{220}^{(22)}+2m_{020}^{(20)}m_{201}^{(21)}m_{211}^{(21)}\\
&-4m_{020}^{(20)}m_{201}^{(21)}m_{121}^{(20)}-m_{020}^{(20)}m_{201}^{(21)}m_{112}^{(10)}+2m_{020}^{(20)}m_{201}^{(21)}m_{022}^{(00)}-m_{020}^{(20)}m_{201}^{(22)}m_{220}^{(21)}\\
&+m_{020}^{(20)}m_{201}^{(22)}m_{130}^{(20)}+m_{020}^{(20)}m_{201}^{(22)}m_{121}^{(10)}-m_{020}^{(20)}m_{201}^{(22)}m_{031}^{(00)}-m_{020}^{(20)}m_{120}^{(00)}m_{112}^{(22)}\\
&+m_{020}^{(20)}m_{120}^{(00)}m_{103}^{(21)}-m_{020}^{(20)}m_{120}^{(00)}m_{013}^{(20)}+m_{020}^{(20)}m_{120}^{(00)}m_{004}^{(10)}+m_{020}^{(20)}m_{120}^{(10)}m_{202}^{(22)}\\
&-m_{020}^{(20)}m_{120}^{(10)}m_{004}^{(00)}+m_{020}^{(20)}m_{120}^{(20)}m_{211}^{(22)}-2m_{020}^{(20)}m_{120}^{(20)}m_{202}^{(21)}+2m_{020}^{(20)}m_{120}^{(20)}m_{112}^{(20)}\\
&-2m_{020}^{(20)}m_{120}^{(20)}m_{103}^{(10)}+m_{020}^{(20)}m_{120}^{(20)}m_{013}^{(00)}-m_{020}^{(20)}m_{120}^{(21)}m_{301}^{(22)}+m_{020}^{(20)}m_{120}^{(21)}m_{103}^{(00)}\\
&+m_{020}^{(20)}m_{120}^{(22)}m_{301}^{(21)}-m_{020}^{(20)}m_{120}^{(22)}m_{211}^{(20)}+m_{020}^{(20)}m_{120}^{(22)}m_{202}^{(10)}-m_{020}^{(20)}m_{120}^{(22)}m_{112}^{(00)}\\
&+2m_{020}^{(20)}m_{111}^{(00)}m_{022}^{(20)}-2m_{020}^{(20)}m_{111}^{(00)}m_{013}^{(10)}-2m_{020}^{(20)}m_{111}^{(10)}m_{211}^{(22)}+2m_{020}^{(20)}m_{111}^{(10)}m_{202}^{(21)}\\
&-4m_{020}^{(20)}m_{111}^{(10)}m_{112}^{(20)}+2m_{020}^{(20)}m_{111}^{(10)}m_{103}^{(20)}+2m_{020}^{(20)}m_{111}^{(10)}m_{013}^{(00)}+2m_{020}^{(20)}m_{111}^{(11)}m_{301}^{(22)}\\
&-2m_{020}^{(20)}m_{111}^{(11)}m_{103}^{(00)}+2m_{020}^{(20)}m_{111}^{(20)}m_{220}^{(22)}-2m_{020}^{(20)}m_{111}^{(20)}m_{211}^{(21)}+2m_{020}^{(20)}m_{111}^{(20)}m_{112}^{(10)}\\
&-2m_{020}^{(20)}m_{111}^{(20)}m_{022}^{(00)}-2m_{020}^{(20)}m_{111}^{(21)}m_{310}^{(22)}-2m_{020}^{(20)}m_{111}^{(21)}m_{301}^{(21)}+4m_{020}^{(20)}m_{111}^{(21)}m_{211}^{(20)}\\
&-2m_{020}^{(20)}m_{111}^{(21)}m_{202}^{(10)}+2m_{020}^{(20)}m_{111}^{(21)}m_{112}^{(00)}+2m_{020}^{(20)}m_{111}^{(22)}m_{310}^{(21)}-2m_{020}^{(20)}m_{111}^{(22)}m_{220}^{(20)}\\
&+m_{020}^{(20)}m_{102}^{(00)}m_{130}^{(22)}-m_{020}^{(20)}m_{102}^{(00)}m_{121}^{(21)}-m_{020}^{(20)}m_{102}^{(00)}m_{031}^{(20)}+m_{020}^{(20)}m_{102}^{(00)}m_{022}^{(10)}
\end{aligned}
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\begin{aligned}
&-2m_{020}^{(20)}m_{102}^{(10)}m_{220}^{(22)}+m_{020}^{(20)}m_{102}^{(10)}m_{211}^{(21)}+4m_{020}^{(20)}m_{102}^{(10)}m_{121}^{(20)}-2m_{020}^{(20)}m_{102}^{(10)}m_{112}^{(10)}\\
&-m_{020}^{(20)}m_{102}^{(10)}m_{022}^{(00)}+m_{020}^{(20)}m_{102}^{(11)}m_{310}^{(22)}-3m_{020}^{(20)}m_{102}^{(11)}m_{211}^{(20)}+2m_{020}^{(20)}m_{102}^{(11)}m_{112}^{(00)}\\
&+m_{020}^{(20)}m_{102}^{(20)}m_{220}^{(21)}-2m_{020}^{(20)}m_{102}^{(20)}m_{130}^{(20)}+m_{020}^{(20)}m_{102}^{(20)}m_{031}^{(00)}-m_{020}^{(20)}m_{102}^{(21)}m_{310}^{(21)}\\
&+2m_{020}^{(20)}m_{102}^{(21)}m_{220}^{(20)}+2m_{020}^{(20)}m_{102}^{(21)}m_{211}^{(10)}-3m_{020}^{(20)}m_{102}^{(21)}m_{121}^{(00)}-m_{020}^{(20)}m_{102}^{(22)}m_{220}^{(10)}\\
&+m_{020}^{(20)}m_{102}^{(22)}m_{130}^{(00)}+m_{020}^{(20)}m_{021}^{(00)}m_{211}^{(22)}-m_{020}^{(20)}m_{021}^{(00)}m_{202}^{(21)}+m_{020}^{(20)}m_{021}^{(00)}m_{112}^{(20)}\\
&-m_{020}^{(20)}m_{021}^{(00)}m_{103}^{(10)}-m_{020}^{(20)}m_{021}^{(10)}m_{301}^{(22)}+m_{020}^{(20)}m_{021}^{(10)}m_{103}^{(00)}-m_{020}^{(20)}m_{021}^{(20)}m_{310}^{(22)}\\
&+2m_{020}^{(20)}m_{021}^{(20)}m_{301}^{(21)}-2m_{020}^{(20)}m_{021}^{(20)}m_{211}^{(20)}+2m_{020}^{(20)}m_{021}^{(20)}m_{202}^{(10)}-m_{020}^{(20)}m_{021}^{(20)}m_{112}^{(00)}\\
&+m_{020}^{(20)}m_{021}^{(21)}m_{400}^{(22)}-m_{020}^{(20)}m_{021}^{(21)}m_{202}^{(00)}-m_{020}^{(20)}m_{021}^{(22)}m_{400}^{(21)}+m_{020}^{(20)}m_{021}^{(22)}m_{310}^{(20)}\\
&-m_{020}^{(20)}m_{021}^{(22)}m_{301}^{(10)}+m_{020}^{(20)}m_{021}^{(22)}m_{211}^{(00)}-m_{020}^{(20)}m_{012}^{(00)}m_{220}^{(22)}+m_{020}^{(20)}m_{012}^{(00)}m_{211}^{(21)}\\
&-2m_{020}^{(20)}m_{012}^{(00)}m_{121}^{(20)}+2m_{020}^{(20)}m_{012}^{(00)}m_{112}^{(10)}+2m_{020}^{(20)}m_{012}^{(10)}m_{310}^{(22)}-m_{020}^{(20)}m_{012}^{(10)}m_{301}^{(21)}\\
&+2m_{020}^{(20)}m_{012}^{(10)}m_{211}^{(20)}-m_{020}^{(20)}m_{012}^{(10)}m_{202}^{(10)}-2m_{020}^{(20)}m_{012}^{(10)}m_{112}^{(00)}-m_{020}^{(20)}m_{012}^{(11)}m_{400}^{(22)}\\
&+m_{020}^{(20)}m_{012}^{(11)}m_{202}^{(00)}-m_{020}^{(20)}m_{012}^{(20)}m_{310}^{(21)}+2m_{020}^{(20)}m_{012}^{(20)}m_{220}^{(20)}-3m_{020}^{(20)}m_{012}^{(20)}m_{211}^{(10)}\\
&+2m_{020}^{(20)}m_{012}^{(20)}m_{121}^{(00)}+m_{020}^{(20)}m_{012}^{(21)}m_{400}^{(21)}-2m_{020}^{(20)}m_{012}^{(21)}m_{310}^{(20)}+m_{020}^{(20)}m_{012}^{(21)}m_{301}^{(10)}\\
&+m_{020}^{(20)}m_{012}^{(22)}m_{310}^{(10)}-m_{020}^{(20)}m_{012}^{(22)}m_{220}^{(00)}+m_{020}^{(20)}m_{003}^{(00)}m_{130}^{(20)}-m_{020}^{(20)}m_{003}^{(00)}m_{121}^{(10)}\\
&-2m_{020}^{(20)}m_{003}^{(10)}m_{220}^{(20)}+m_{020}^{(20)}m_{003}^{(10)}m_{211}^{(10)}+m_{020}^{(20)}m_{003}^{(10)}m_{121}^{(00)}+m_{020}^{(20)}m_{003}^{(11)}m_{310}^{(20)}\\
&-m_{020}^{(20)}m_{003}^{(11)}m_{211}^{(00)}+m_{020}^{(20)}m_{003}^{(20)}m_{220}^{(10)}-m_{020}^{(20)}m_{003}^{(20)}m_{130}^{(00)}-m_{020}^{(20)}m_{003}^{(21)}m_{310}^{(10)}\\
&+m_{020}^{(20)}m_{003}^{(21)}m_{220}^{(00)}-m_{020}^{(21)}m_{300}^{(10)}m_{013}^{(20)}+m_{020}^{(21)}m_{300}^{(10)}m_{004}^{(10)}+m_{020}^{(21)}m_{300}^{(11)}m_{103}^{(20)}\\
&-m_{020}^{(21)}m_{300}^{(11)}m_{004}^{(00)}+m_{020}^{(21)}m_{300}^{(20)}m_{022}^{(20)}-m_{020}^{(21)}m_{300}^{(20)}m_{013}^{(10)}-m_{020}^{(21)}m_{300}^{(21)}m_{112}^{(20)}\\
&-m_{020}^{(21)}m_{300}^{(21)}m_{103}^{(10)}+2m_{020}^{(21)}m_{300}^{(21)}m_{013}^{(00)}+m_{020}^{(21)}m_{300}^{(22)}m_{112}^{(10)}-m_{020}^{(21)}m_{300}^{(22)}m_{022}^{(00)}\\
&+m_{020}^{(21)}m_{210}^{(00)}m_{013}^{(20)}-m_{020}^{(21)}m_{210}^{(00)}m_{004}^{(10)}-m_{020}^{(21)}m_{210}^{(10)}m_{103}^{(20)}+m_{020}^{(21)}m_{210}^{(10)}m_{004}^{(00)}\\
&-m_{020}^{(21)}m_{210}^{(20)}m_{112}^{(20)}+2m_{020}^{(21)}m_{210}^{(20)}m_{103}^{(10)}-m_{020}^{(21)}m_{210}^{(20)}m_{013}^{(00)}+m_{020}^{(21)}m_{210}^{(21)}m_{202}^{(20)}\\
&-m_{020}^{(21)}m_{210}^{(21)}m_{103}^{(00)}-m_{020}^{(21)}m_{210}^{(22)}m_{202}^{(10)}+m_{020}^{(21)}m_{210}^{(22)}m_{112}^{(00)}-m_{020}^{(21)}m_{201}^{(00)}m_{022}^{(20)}\\
&+m_{020}^{(21)}m_{201}^{(00)}m_{013}^{(10)}+4m_{020}^{(21)}m_{201}^{(10)}m_{112}^{(20)}-3m_{020}^{(21)}m_{201}^{(10)}m_{103}^{(10)}-m_{020}^{(21)}m_{201}^{(10)}m_{013}^{(00)}\\
&-3m_{020}^{(21)}m_{201}^{(11)}m_{202}^{(20)}+3m_{020}^{(21)}m_{201}^{(11)}m_{103}^{(00)}-2m_{020}^{(21)}m_{201}^{(20)}m_{121}^{(20)}+m_{020}^{(21)}m_{201}^{(20)}m_{112}^{(10)}\\
&+m_{020}^{(21)}m_{201}^{(20)}m_{022}^{(00)}+2m_{020}^{(21)}m_{201}^{(21)}m_{211}^{(20)}+3m_{020}^{(21)}m_{201}^{(21)}m_{202}^{(10)}-5m_{020}^{(21)}m_{201}^{(21)}m_{112}^{(00)}\\
&-2m_{020}^{(21)}m_{201}^{(22)}m_{211}^{(10)}+2m_{020}^{(21)}m_{201}^{(22)}m_{121}^{(00)}-2m_{020}^{(21)}m_{111}^{(00)}m_{112}^{(20)}+2m_{020}^{(21)}m_{111}^{(00)}m_{103}^{(10)}\\
&+2m_{020}^{(21)}m_{111}^{(10)}m_{202}^{(20)}-2m_{020}^{(21)}m_{111}^{(10)}m_{103}^{(00)}+2m_{020}^{(21)}m_{111}^{(20)}m_{211}^{(20)}-4m_{020}^{(21)}m_{111}^{(20)}m_{202}^{(10)}\\
&+2m_{020}^{(21)}m_{111}^{(20)}m_{112}^{(00)}-2m_{020}^{(21)}m_{111}^{(21)}m_{301}^{(20)}+2m_{020}^{(21)}m_{111}^{(21)}m_{202}^{(00)}+2m_{020}^{(21)}m_{111}^{(22)}m_{301}^{(10)}\\
&-2m_{020}^{(21)}m_{111}^{(22)}m_{211}^{(00)}+2m_{020}^{(21)}m_{102}^{(00)}m_{121}^{(20)}-2m_{020}^{(21)}m_{102}^{(00)}m_{112}^{(10)}-5m_{020}^{(21)}m_{102}^{(10)}m_{211}^{(20)}\\
&+3m_{020}^{(21)}m_{102}^{(10)}m_{202}^{(10)}+2m_{020}^{(21)}m_{102}^{(10)}m_{112}^{(00)}+3m_{020}^{(21)}m_{102}^{(11)}m_{301}^{(20)}-3m_{020}^{(21)}m_{102}^{(11)}m_{202}^{(00)}\\
&+m_{020}^{(21)}m_{102}^{(20)}m_{220}^{(20)}+m_{020}^{(21)}m_{102}^{(20)}m_{211}^{(10)}-2m_{020}^{(21)}m_{102}^{(20)}m_{121}^{(00)}-m_{020}^{(21)}m_{102}^{(21)}m_{310}^{(20)}\\
&-3m_{020}^{(21)}m_{102}^{(21)}m_{301}^{(10)}+4m_{020}^{(21)}m_{102}^{(21)}m_{211}^{(00)}+m_{020}^{(21)}m_{102}^{(22)}m_{310}^{(10)}-m_{020}^{(21)}m_{102}^{(22)}m_{220}^{(00)}\\
&+m_{020}^{(21)}m_{012}^{(00)}m_{211}^{(20)}-m_{020}^{(21)}m_{012}^{(00)}m_{202}^{(10)}-m_{020}^{(21)}m_{012}^{(10)}m_{301}^{(20)}+m_{020}^{(21)}m_{012}^{(10)}m_{202}^{(00)}\\
&-m_{020}^{(21)}m_{012}^{(20)}m_{310}^{(20)}+2m_{020}^{(21)}m_{012}^{(20)}m_{301}^{(10)}-m_{020}^{(21)}m_{012}^{(20)}m_{211}^{(00)}+m_{020}^{(21)}m_{012}^{(21)}m_{400}^{(20)}\\
&-m_{020}^{(21)}m_{012}^{(21)}m_{301}^{(00)}-m_{020}^{(21)}m_{012}^{(22)}m_{400}^{(10)}+m_{020}^{(21)}m_{012}^{(22)}m_{310}^{(00)}-m_{020}^{(21)}m_{003}^{(00)}m_{220}^{(20)}\\
&+m_{020}^{(21)}m_{003}^{(00)}m_{211}^{(10)}+2m_{020}^{(21)}m_{003}^{(10)}m_{310}^{(20)}-m_{020}^{(21)}m_{003}^{(10)}m_{301}^{(10)}-m_{020}^{(21)}m_{003}^{(10)}m_{211}^{(00)}\\
&-m_{020}^{(21)}m_{003}^{(11)}m_{400}^{(20)}+m_{020}^{(21)}m_{003}^{(11)}m_{301}^{(00)}-m_{020}^{(21)}m_{003}^{(20)}m_{310}^{(10)}+m_{020}^{(21)}m_{003}^{(20)}m_{220}^{(00)}\\
&+m_{020}^{(21)}m_{003}^{(21)}m_{400}^{(10)}-m_{020}^{(21)}m_{003}^{(21)}m_{310}^{(00)}+m_{020}^{(22)}m_{300}^{(10)}m_{022}^{(20)}-m_{020}^{(22)}m_{300}^{(10)}m_{013}^{(10)}
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\begin{aligned}
&-m_{020}^{(22)}m_{300}^{(11)}m_{112}^{(20)}+m_{020}^{(22)}m_{300}^{(11)}m_{013}^{(00)}-m_{020}^{(22)}m_{300}^{(20)}m_{031}^{(20)}+m_{020}^{(22)}m_{300}^{(20)}m_{022}^{(10)}\\
&+m_{020}^{(22)}m_{300}^{(21)}m_{121}^{(20)}+m_{020}^{(22)}m_{300}^{(21)}m_{112}^{(10)}-2m_{020}^{(22)}m_{300}^{(21)}m_{022}^{(00)}-m_{020}^{(22)}m_{300}^{(22)}m_{121}^{(10)}\\
&+m_{020}^{(22)}m_{300}^{(22)}m_{031}^{(00)}-m_{020}^{(22)}m_{210}^{(00)}m_{022}^{(20)}+m_{020}^{(22)}m_{210}^{(00)}m_{013}^{(10)}+m_{020}^{(22)}m_{210}^{(10)}m_{103}^{(10)}\\
&-m_{020}^{(22)}m_{210}^{(10)}m_{013}^{(00)}+m_{020}^{(22)}m_{210}^{(11)}m_{202}^{(20)}-m_{020}^{(22)}m_{210}^{(11)}m_{103}^{(00)}+2m_{020}^{(22)}m_{210}^{(20)}m_{121}^{(20)}\\
&-3m_{020}^{(22)}m_{210}^{(20)}m_{112}^{(10)}+m_{020}^{(22)}m_{210}^{(20)}m_{022}^{(00)}-2m_{020}^{(22)}m_{210}^{(21)}m_{211}^{(20)}-m_{020}^{(22)}m_{210}^{(21)}m_{202}^{(10)}\\
&+3m_{020}^{(22)}m_{210}^{(21)}m_{112}^{(00)}+2m_{020}^{(22)}m_{210}^{(22)}m_{211}^{(10)}-2m_{020}^{(22)}m_{210}^{(22)}m_{121}^{(00)}+m_{020}^{(22)}m_{201}^{(00)}m_{031}^{(20)}\\
&-m_{020}^{(22)}m_{201}^{(00)}m_{022}^{(10)}-3m_{020}^{(22)}m_{201}^{(10)}m_{121}^{(20)}+2m_{020}^{(22)}m_{201}^{(10)}m_{112}^{(10)}+m_{020}^{(22)}m_{201}^{(10)}m_{022}^{(00)}\\
&+2m_{020}^{(22)}m_{201}^{(11)}m_{211}^{(20)}-2m_{020}^{(22)}m_{201}^{(11)}m_{112}^{(00)}+m_{020}^{(22)}m_{201}^{(20)}m_{130}^{(20)}-m_{020}^{(22)}m_{201}^{(20)}m_{031}^{(00)}\\
&-m_{020}^{(22)}m_{201}^{(21)}m_{220}^{(20)}-2m_{020}^{(22)}m_{201}^{(21)}m_{211}^{(10)}+3m_{020}^{(22)}m_{201}^{(21)}m_{121}^{(00)}+m_{020}^{(22)}m_{201}^{(22)}m_{220}^{(10)}\\
&-m_{020}^{(22)}m_{201}^{(22)}m_{130}^{(00)}+m_{020}^{(22)}m_{120}^{(00)}m_{112}^{(20)}-m_{020}^{(22)}m_{120}^{(00)}m_{103}^{(10)}-m_{020}^{(22)}m_{120}^{(10)}m_{202}^{(20)}\\
&+m_{020}^{(22)}m_{120}^{(10)}m_{103}^{(00)}-m_{020}^{(22)}m_{120}^{(20)}m_{211}^{(20)}+2m_{020}^{(22)}m_{120}^{(20)}m_{202}^{(10)}-m_{020}^{(22)}m_{120}^{(20)}m_{112}^{(00)}\\
&+m_{020}^{(22)}m_{120}^{(21)}m_{301}^{(20)}-m_{020}^{(22)}m_{120}^{(21)}m_{202}^{(00)}-m_{020}^{(22)}m_{120}^{(22)}m_{301}^{(10)}+m_{020}^{(22)}m_{120}^{(22)}m_{211}^{(00)}\\
&+2m_{020}^{(22)}m_{111}^{(10)}m_{211}^{(20)}-2m_{020}^{(22)}m_{111}^{(10)}m_{202}^{(10)}-2m_{020}^{(22)}m_{111}^{(11)}m_{301}^{(20)}+2m_{020}^{(22)}m_{111}^{(11)}m_{202}^{(00)}\\
&-2m_{020}^{(22)}m_{111}^{(20)}m_{220}^{(20)}+2m_{020}^{(22)}m_{111}^{(20)}m_{211}^{(10)}+2m_{020}^{(22)}m_{111}^{(21)}m_{310}^{(20)}+2m_{020}^{(22)}m_{111}^{(21)}m_{301}^{(10)}\\
&-4m_{020}^{(22)}m_{111}^{(21)}m_{211}^{(00)}-2m_{020}^{(22)}m_{111}^{(22)}m_{310}^{(10)}+2m_{020}^{(22)}m_{111}^{(22)}m_{220}^{(00)}-m_{020}^{(22)}m_{102}^{(00)}m_{130}^{(20)}\\
&+m_{020}^{(22)}m_{102}^{(00)}m_{121}^{(10)}+2m_{020}^{(22)}m_{102}^{(10)}m_{220}^{(20)}-m_{020}^{(22)}m_{102}^{(10)}m_{211}^{(10)}-m_{020}^{(22)}m_{102}^{(10)}m_{121}^{(00)}\\
&-m_{020}^{(22)}m_{102}^{(11)}m_{310}^{(20)}+m_{020}^{(22)}m_{102}^{(11)}m_{211}^{(00)}-m_{020}^{(22)}m_{102}^{(20)}m_{220}^{(10)}+m_{020}^{(22)}m_{102}^{(20)}m_{130}^{(00)}\\
&+m_{020}^{(22)}m_{102}^{(21)}m_{310}^{(10)}-m_{020}^{(22)}m_{102}^{(21)}m_{220}^{(00)}-m_{020}^{(22)}m_{021}^{(00)}m_{211}^{(20)}+m_{020}^{(22)}m_{021}^{(00)}m_{202}^{(10)}\\
&+m_{020}^{(22)}m_{021}^{(10)}m_{301}^{(20)}-m_{020}^{(22)}m_{021}^{(10)}m_{202}^{(00)}+m_{020}^{(22)}m_{021}^{(20)}m_{310}^{(20)}-2m_{020}^{(22)}m_{021}^{(20)}m_{301}^{(10)}\\
&+m_{020}^{(22)}m_{021}^{(20)}m_{211}^{(00)}-m_{020}^{(22)}m_{021}^{(21)}m_{400}^{(20)}+m_{020}^{(22)}m_{021}^{(21)}m_{301}^{(00)}+m_{020}^{(22)}m_{021}^{(22)}m_{400}^{(10)}\\
&-m_{020}^{(22)}m_{021}^{(22)}m_{310}^{(00)}+m_{020}^{(22)}m_{012}^{(00)}m_{220}^{(20)}-m_{020}^{(22)}m_{012}^{(00)}m_{211}^{(10)}-2m_{020}^{(22)}m_{012}^{(10)}m_{310}^{(20)}\\
&+m_{020}^{(22)}m_{012}^{(10)}m_{301}^{(10)}+m_{020}^{(22)}m_{012}^{(10)}m_{211}^{(00)}+m_{020}^{(22)}m_{012}^{(11)}m_{400}^{(20)}-m_{020}^{(22)}m_{012}^{(11)}m_{301}^{(00)}\\
&+m_{020}^{(22)}m_{012}^{(20)}m_{310}^{(10)}-m_{020}^{(22)}m_{012}^{(20)}m_{220}^{(00)}-m_{020}^{(22)}m_{012}^{(21)}m_{400}^{(10)}+m_{020}^{(22)}m_{012}^{(21)}m_{310}^{(00)}\\
&+m_{011}^{(00)}m_{210}^{(10)}m_{022}^{(22)}-m_{011}^{(00)}m_{210}^{(10)}m_{004}^{(11)}-m_{011}^{(00)}m_{210}^{(11)}m_{112}^{(22)}-m_{011}^{(00)}m_{210}^{(11)}m_{103}^{(21)}\\
&+m_{011}^{(00)}m_{210}^{(11)}m_{013}^{(20)}+m_{011}^{(00)}m_{210}^{(11)}m_{004}^{(10)}-m_{011}^{(00)}m_{210}^{(20)}m_{031}^{(22)}+m_{011}^{(00)}m_{210}^{(20)}m_{013}^{(11)}\\
&+m_{011}^{(00)}m_{210}^{(21)}m_{121}^{(22)}+2m_{011}^{(00)}m_{210}^{(21)}m_{112}^{(21)}+m_{011}^{(00)}m_{210}^{(21)}m_{103}^{(11)}-2m_{011}^{(00)}m_{210}^{(21)}m_{022}^{(20)}\\
&-2m_{011}^{(00)}m_{210}^{(21)}m_{013}^{(10)}-m_{011}^{(00)}m_{210}^{(22)}m_{121}^{(21)}-m_{011}^{(00)}m_{210}^{(22)}m_{112}^{(11)}+m_{011}^{(00)}m_{210}^{(22)}m_{031}^{(20)}\\
&+m_{011}^{(00)}m_{210}^{(22)}m_{022}^{(10)}-m_{011}^{(00)}m_{201}^{(10)}m_{031}^{(22)}+m_{011}^{(00)}m_{201}^{(10)}m_{013}^{(11)}+m_{011}^{(00)}m_{201}^{(11)}m_{121}^{(22)}\\
&+m_{011}^{(00)}m_{201}^{(11)}m_{112}^{(21)}-m_{011}^{(00)}m_{201}^{(11)}m_{022}^{(20)}-m_{011}^{(00)}m_{201}^{(11)}m_{013}^{(10)}+m_{011}^{(00)}m_{201}^{(20)}m_{040}^{(22)}\\
&-m_{011}^{(00)}m_{201}^{(20)}m_{022}^{(11)}-m_{011}^{(00)}m_{201}^{(21)}m_{130}^{(22)}-2m_{011}^{(00)}m_{201}^{(21)}m_{121}^{(21)}-m_{011}^{(00)}m_{201}^{(21)}m_{112}^{(11)}\\
&+2m_{011}^{(00)}m_{201}^{(21)}m_{031}^{(20)}+2m_{011}^{(00)}m_{201}^{(21)}m_{022}^{(10)}+m_{011}^{(00)}m_{201}^{(22)}m_{130}^{(21)}+m_{011}^{(00)}m_{201}^{(22)}m_{121}^{(11)}\\
&-m_{011}^{(00)}m_{201}^{(22)}m_{040}^{(20)}-m_{011}^{(00)}m_{201}^{(22)}m_{031}^{(10)}-m_{011}^{(00)}m_{120}^{(00)}m_{022}^{(22)}+m_{011}^{(00)}m_{120}^{(00)}m_{004}^{(11)}\\
&+2m_{011}^{(00)}m_{120}^{(10)}m_{103}^{(21)}-m_{011}^{(00)}m_{120}^{(10)}m_{013}^{(20)}-m_{011}^{(00)}m_{120}^{(10)}m_{004}^{(10)}+m_{011}^{(00)}m_{120}^{(11)}m_{202}^{(22)}\\
&-m_{011}^{(00)}m_{120}^{(11)}m_{103}^{(20)}+2m_{011}^{(00)}m_{120}^{(20)}m_{121}^{(22)}-2m_{011}^{(00)}m_{120}^{(20)}m_{112}^{(21)}-2m_{011}^{(00)}m_{120}^{(20)}m_{103}^{(11)}\\
&+m_{011}^{(00)}m_{120}^{(20)}m_{022}^{(20)}+m_{011}^{(00)}m_{120}^{(20)}m_{013}^{(10)}-2m_{011}^{(00)}m_{120}^{(21)}m_{211}^{(22)}-2m_{011}^{(00)}m_{120}^{(21)}m_{202}^{(21)}\\
&+3m_{011}^{(00)}m_{120}^{(21)}m_{112}^{(20)}+m_{011}^{(00)}m_{120}^{(21)}m_{103}^{(10)}+2m_{011}^{(00)}m_{120}^{(22)}m_{211}^{(21)}+m_{011}^{(00)}m_{120}^{(22)}m_{202}^{(11)}\\
&-2m_{011}^{(00)}m_{120}^{(22)}m_{121}^{(20)}-m_{011}^{(00)}m_{120}^{(22)}m_{112}^{(10)}+2m_{011}^{(00)}m_{111}^{(00)}m_{031}^{(22)}-2m_{011}^{(00)}m_{111}^{(00)}m_{013}^{(11)}\\
&-2m_{011}^{(00)}m_{111}^{(10)}m_{121}^{(22)}-4m_{011}^{(00)}m_{111}^{(10)}m_{112}^{(21)}+2m_{011}^{(00)}m_{111}^{(10)}m_{103}^{(11)}+2m_{011}^{(00)}m_{111}^{(10)}m_{022}^{(20)}
\end{aligned}
$$

$$
\begin{aligned}
&+2m_{011}^{(00)}m_{111}^{(10)}m_{013}^{(10)} + 2m_{011}^{(00)}m_{111}^{(11)}m_{202}^{(21)} - 2m_{011}^{(00)}m_{111}^{(11)}m_{103}^{(10)} - 2m_{011}^{(00)}m_{111}^{(20)}m_{130}^{(22)}\\
&+4m_{011}^{(00)}m_{111}^{(20)}m_{121}^{(21)} + 2m_{011}^{(00)}m_{111}^{(20)}m_{112}^{(11)} - 2m_{011}^{(00)}m_{111}^{(20)}m_{031}^{(20)} - 2m_{011}^{(00)}m_{111}^{(20)}m_{022}^{(10)}\\
&+2m_{011}^{(00)}m_{111}^{(21)}m_{220}^{(22)} - 2m_{011}^{(00)}m_{111}^{(21)}m_{202}^{(11)} - 2m_{011}^{(00)}m_{111}^{(21)}m_{121}^{(20)} + 2m_{011}^{(00)}m_{111}^{(21)}m_{112}^{(10)}\\
&-2m_{011}^{(00)}m_{111}^{(22)}m_{220}^{(21)} + 2m_{011}^{(00)}m_{111}^{(22)}m_{130}^{(20)} - m_{011}^{(00)}m_{102}^{(00)}m_{040}^{(22)} + m_{011}^{(00)}m_{102}^{(00)}m_{022}^{(11)}\\
&+2m_{011}^{(00)}m_{102}^{(10)}m_{130}^{(22)} + 2m_{011}^{(00)}m_{102}^{(10)}m_{121}^{(21)} - 2m_{011}^{(00)}m_{102}^{(10)}m_{112}^{(11)} - m_{011}^{(00)}m_{102}^{(10)}m_{031}^{(20)}\\
&-m_{011}^{(00)}m_{102}^{(10)}m_{022}^{(10)} - m_{011}^{(00)}m_{102}^{(11)}m_{220}^{(22)} - 2m_{011}^{(00)}m_{102}^{(11)}m_{211}^{(21)} + m_{011}^{(00)}m_{102}^{(11)}m_{121}^{(20)}\\
&+2m_{011}^{(00)}m_{102}^{(11)}m_{112}^{(10)} - 2m_{011}^{(00)}m_{102}^{(20)}m_{130}^{(21)} + m_{011}^{(00)}m_{102}^{(20)}m_{040}^{(20)} + m_{011}^{(00)}m_{102}^{(20)}m_{031}^{(10)}\\
&+2m_{011}^{(00)}m_{102}^{(21)}m_{220}^{(21)} + 2m_{011}^{(00)}m_{102}^{(21)}m_{211}^{(11)} - m_{011}^{(00)}m_{102}^{(21)}m_{130}^{(20)} - 3m_{011}^{(00)}m_{102}^{(21)}m_{121}^{(10)}\\
&-m_{011}^{(00)}m_{102}^{(22)}m_{220}^{(11)} + m_{011}^{(00)}m_{102}^{(22)}m_{130}^{(10)} + m_{011}^{(00)}m_{030}^{(00)}m_{112}^{(22)} - m_{011}^{(00)}m_{030}^{(00)}m_{103}^{(21)}\\
&-m_{011}^{(00)}m_{030}^{(10)}m_{202}^{(22)} + m_{011}^{(00)}m_{030}^{(10)}m_{103}^{(20)} - m_{011}^{(00)}m_{030}^{(20)}m_{211}^{(22)} + 2m_{011}^{(00)}m_{030}^{(20)}m_{202}^{(21)}\\
&-m_{011}^{(00)}m_{030}^{(20)}m_{112}^{(20)} + m_{011}^{(00)}m_{030}^{(21)}m_{301}^{(22)} - m_{011}^{(00)}m_{030}^{(21)}m_{202}^{(20)} - m_{011}^{(00)}m_{030}^{(22)}m_{301}^{(21)}\\
&+m_{011}^{(00)}m_{030}^{(22)}m_{211}^{(20)} - 2m_{011}^{(00)}m_{021}^{(00)}m_{121}^{(22)} + 3m_{011}^{(00)}m_{021}^{(00)}m_{112}^{(21)} - m_{011}^{(00)}m_{021}^{(00)}m_{103}^{(11)}\\
&+3m_{011}^{(00)}m_{021}^{(10)}m_{211}^{(22)} - 2m_{011}^{(00)}m_{021}^{(10)}m_{202}^{(21)} - 2m_{011}^{(00)}m_{021}^{(10)}m_{112}^{(20)} + m_{011}^{(00)}m_{021}^{(10)}m_{103}^{(10)}\\
&-m_{011}^{(00)}m_{021}^{(11)}m_{301}^{(22)} + m_{011}^{(00)}m_{021}^{(11)}m_{202}^{(20)} + m_{011}^{(00)}m_{021}^{(20)}m_{220}^{(22)} - 4m_{011}^{(00)}m_{021}^{(20)}m_{211}^{(21)}\\
&+2m_{011}^{(00)}m_{021}^{(20)}m_{202}^{(11)} + 2m_{011}^{(00)}m_{021}^{(20)}m_{121}^{(20)} - m_{011}^{(00)}m_{021}^{(20)}m_{112}^{(10)} - m_{011}^{(00)}m_{021}^{(21)}m_{310}^{(22)}\\
&+2m_{011}^{(00)}m_{021}^{(21)}m_{301}^{(21)} - m_{011}^{(00)}m_{021}^{(21)}m_{202}^{(10)} + m_{011}^{(00)}m_{021}^{(22)}m_{310}^{(21)} - m_{011}^{(00)}m_{021}^{(22)}m_{301}^{(11)}\\
&-m_{011}^{(00)}m_{021}^{(22)}m_{220}^{(20)} + m_{011}^{(00)}m_{021}^{(22)}m_{211}^{(10)} + m_{011}^{(00)}m_{012}^{(00)}m_{130}^{(22)} - 3m_{011}^{(00)}m_{012}^{(00)}m_{121}^{(21)}\\
&+2m_{011}^{(00)}m_{012}^{(00)}m_{112}^{(11)} - 2m_{011}^{(00)}m_{012}^{(10)}m_{220}^{(22)} + 4m_{011}^{(00)}m_{012}^{(10)}m_{211}^{(21)} - m_{011}^{(00)}m_{012}^{(10)}m_{202}^{(11)}\\
&+m_{011}^{(00)}m_{012}^{(10)}m_{121}^{(20)} - 2m_{011}^{(00)}m_{012}^{(10)}m_{112}^{(10)} + m_{011}^{(00)}m_{012}^{(11)}m_{310}^{(22)} - m_{011}^{(00)}m_{012}^{(11)}m_{301}^{(21)}\\
&-m_{011}^{(00)}m_{012}^{(11)}m_{211}^{(20)} + m_{011}^{(00)}m_{012}^{(11)}m_{202}^{(10)} + 2m_{011}^{(00)}m_{012}^{(20)}m_{220}^{(21)} - 3m_{011}^{(00)}m_{012}^{(20)}m_{211}^{(11)}\\
&-m_{011}^{(00)}m_{012}^{(20)}m_{130}^{(20)} + 2m_{011}^{(00)}m_{012}^{(20)}m_{121}^{(10)} - 2m_{011}^{(00)}m_{012}^{(21)}m_{310}^{(21)} + m_{011}^{(00)}m_{012}^{(21)}m_{301}^{(11)}\\
&+m_{011}^{(00)}m_{012}^{(21)}m_{220}^{(20)} + m_{011}^{(00)}m_{012}^{(22)}m_{310}^{(11)} - m_{011}^{(00)}m_{012}^{(22)}m_{220}^{(10)} + m_{011}^{(00)}m_{003}^{(00)}m_{130}^{(21)}\\
&-m_{011}^{(00)}m_{003}^{(00)}m_{121}^{(11)} - 2m_{011}^{(00)}m_{003}^{(10)}m_{220}^{(21)} + m_{011}^{(00)}m_{003}^{(10)}m_{211}^{(11)} + m_{011}^{(00)}m_{003}^{(10)}m_{121}^{(10)}\\
&+m_{011}^{(00)}m_{003}^{(11)}m_{310}^{(21)} - m_{011}^{(00)}m_{003}^{(11)}m_{211}^{(10)} + m_{011}^{(00)}m_{003}^{(20)}m_{220}^{(11)} - m_{011}^{(00)}m_{003}^{(20)}m_{130}^{(10)}\\
&-m_{011}^{(00)}m_{003}^{(21)}m_{310}^{(11)} + m_{011}^{(00)}m_{003}^{(21)}m_{220}^{(10)} - m_{011}^{(10)}m_{300}^{(10)}m_{022}^{(22)} + m_{011}^{(10)}m_{300}^{(10)}m_{004}^{(11)}\\
&+m_{011}^{(10)}m_{300}^{(11)}m_{112}^{(22)} + m_{011}^{(10)}m_{300}^{(11)}m_{103}^{(21)} - m_{011}^{(10)}m_{300}^{(11)}m_{013}^{(20)} - m_{011}^{(10)}m_{300}^{(11)}m_{004}^{(10)}\\
&+m_{011}^{(10)}m_{300}^{(20)}m_{031}^{(22)} - m_{011}^{(10)}m_{300}^{(20)}m_{013}^{(11)} - m_{011}^{(10)}m_{300}^{(21)}m_{121}^{(22)} - 2m_{011}^{(10)}m_{300}^{(21)}m_{112}^{(21)}\\
&-m_{011}^{(10)}m_{300}^{(21)}m_{103}^{(11)} + 2m_{011}^{(10)}m_{300}^{(21)}m_{022}^{(20)} + 2m_{011}^{(10)}m_{300}^{(21)}m_{013}^{(10)} + m_{011}^{(10)}m_{300}^{(22)}m_{121}^{(21)}\\
&+m_{011}^{(10)}m_{300}^{(22)}m_{112}^{(11)} - m_{011}^{(10)}m_{300}^{(22)}m_{031}^{(20)} - m_{011}^{(10)}m_{300}^{(22)}m_{022}^{(10)} + m_{011}^{(10)}m_{210}^{(00)}m_{022}^{(22)}\\
&-m_{011}^{(10)}m_{210}^{(00)}m_{004}^{(11)} - 2m_{011}^{(10)}m_{210}^{(10)}m_{103}^{(21)} + 2m_{011}^{(10)}m_{210}^{(10)}m_{004}^{(10)} - m_{011}^{(10)}m_{210}^{(11)}m_{202}^{(22)}\\
&+2m_{011}^{(10)}m_{210}^{(11)}m_{103}^{(20)} - m_{011}^{(10)}m_{210}^{(11)}m_{004}^{(00)} - 2m_{011}^{(10)}m_{210}^{(20)}m_{121}^{(22)} + 2m_{011}^{(10)}m_{210}^{(20)}m_{112}^{(21)}\\
&+2m_{011}^{(10)}m_{210}^{(20)}m_{103}^{(11)} - 2m_{011}^{(10)}m_{210}^{(20)}m_{013}^{(10)} + 2m_{011}^{(10)}m_{210}^{(21)}m_{211}^{(22)} + 2m_{011}^{(10)}m_{210}^{(21)}m_{202}^{(21)}\\
&-4m_{011}^{(10)}m_{210}^{(21)}m_{112}^{(20)} - 2m_{011}^{(10)}m_{210}^{(21)}m_{103}^{(10)} + 2m_{011}^{(10)}m_{210}^{(21)}m_{013}^{(00)} - 2m_{011}^{(10)}m_{210}^{(22)}m_{211}^{(21)}\\
&-m_{011}^{(10)}m_{210}^{(22)}m_{202}^{(11)} + 2m_{011}^{(10)}m_{210}^{(22)}m_{121}^{(20)} + 2m_{011}^{(10)}m_{210}^{(22)}m_{112}^{(10)} - m_{011}^{(10)}m_{210}^{(22)}m_{022}^{(00)}\\
&-m_{011}^{(10)}m_{201}^{(00)}m_{031}^{(22)} + m_{011}^{(10)}m_{201}^{(00)}m_{013}^{(11)} + 3m_{011}^{(10)}m_{201}^{(10)}m_{121}^{(22)} + 2m_{011}^{(10)}m_{201}^{(10)}m_{112}^{(21)}\\
&-3m_{011}^{(10)}m_{201}^{(10)}m_{103}^{(11)} - 2m_{011}^{(10)}m_{201}^{(10)}m_{013}^{(10)} - 2m_{011}^{(10)}m_{201}^{(11)}m_{211}^{(22)} - 3m_{011}^{(10)}m_{201}^{(11)}m_{202}^{(21)}\\
&+m_{011}^{(10)}m_{201}^{(11)}m_{112}^{(20)} + 3m_{011}^{(10)}m_{201}^{(11)}m_{103}^{(10)} + m_{011}^{(10)}m_{201}^{(11)}m_{013}^{(00)} - m_{011}^{(10)}m_{201}^{(20)}m_{130}^{(22)}\\
&-2m_{011}^{(10)}m_{201}^{(20)}m_{121}^{(21)} + m_{011}^{(10)}m_{201}^{(20)}m_{112}^{(11)} + 2m_{011}^{(10)}m_{201}^{(20)}m_{022}^{(10)} + m_{011}^{(10)}m_{201}^{(21)}m_{220}^{(22)}
\end{aligned}
$$

$$+4m_{011}^{(10)}m_{201}^{(21)}m_{211}^{(21)}+3m_{011}^{(10)}m_{201}^{(21)}m_{202}^{(11)}-2m_{011}^{(10)}m_{201}^{(21)}m_{121}^{(20)}-4m_{011}^{(10)}m_{201}^{(21)}m_{112}^{(10)}$$
$$-2m_{011}^{(10)}m_{201}^{(21)}m_{022}^{(00)}-m_{011}^{(10)}m_{201}^{(22)}m_{220}^{(21)}-2m_{011}^{(10)}m_{201}^{(22)}m_{211}^{(11)}+m_{011}^{(10)}m_{201}^{(22)}m_{130}^{(20)}$$
$$+m_{011}^{(10)}m_{201}^{(22)}m_{121}^{(10)}+m_{011}^{(10)}m_{201}^{(22)}m_{031}^{(00)}-m_{011}^{(10)}m_{120}^{(00)}m_{112}^{(22)}+m_{011}^{(10)}m_{120}^{(00)}m_{103}^{(21)}$$
$$+m_{011}^{(10)}m_{120}^{(00)}m_{013}^{(20)}-m_{011}^{(10)}m_{120}^{(00)}m_{004}^{(10)}+m_{011}^{(10)}m_{120}^{(10)}m_{202}^{(22)}-2m_{011}^{(10)}m_{120}^{(10)}m_{103}^{(20)}$$
$$+m_{011}^{(10)}m_{120}^{(10)}m_{004}^{(00)}+m_{011}^{(10)}m_{120}^{(20)}m_{211}^{(22)}-2m_{011}^{(10)}m_{120}^{(20)}m_{202}^{(21)}+2m_{011}^{(10)}m_{120}^{(20)}m_{103}^{(10)}$$
$$-m_{011}^{(10)}m_{120}^{(20)}m_{013}^{(00)}-m_{011}^{(10)}m_{120}^{(21)}m_{301}^{(22)}+2m_{011}^{(10)}m_{120}^{(21)}m_{202}^{(20)}-m_{011}^{(10)}m_{120}^{(21)}m_{103}^{(00)}$$
$$+m_{011}^{(10)}m_{120}^{(22)}m_{301}^{(21)}-m_{011}^{(10)}m_{120}^{(22)}m_{211}^{(20)}-m_{011}^{(10)}m_{120}^{(22)}m_{202}^{(10)}+m_{011}^{(10)}m_{120}^{(22)}m_{112}^{(00)}$$
$$-2m_{011}^{(10)}m_{111}^{(00)}m_{112}^{(21)}+2m_{011}^{(10)}m_{111}^{(00)}m_{103}^{(11)}-2m_{011}^{(10)}m_{111}^{(00)}m_{022}^{(20)}+2m_{011}^{(10)}m_{111}^{(00)}m_{013}^{(10)}$$
$$-2m_{011}^{(10)}m_{111}^{(10)}m_{211}^{(22)}+4m_{011}^{(10)}m_{111}^{(10)}m_{202}^{(21)}+4m_{011}^{(10)}m_{111}^{(10)}m_{112}^{(20)}-4m_{011}^{(10)}m_{111}^{(10)}m_{103}^{(10)}$$
$$-2m_{011}^{(10)}m_{111}^{(10)}m_{013}^{(00)}+2m_{011}^{(10)}m_{111}^{(11)}m_{301}^{(22)}-4m_{011}^{(10)}m_{111}^{(11)}m_{202}^{(20)}+2m_{011}^{(10)}m_{111}^{(11)}m_{103}^{(00)}$$
$$+2m_{011}^{(10)}m_{111}^{(20)}m_{220}^{(22)}-4m_{011}^{(10)}m_{111}^{(20)}m_{202}^{(11)}+2m_{011}^{(10)}m_{111}^{(20)}m_{022}^{(00)}-2m_{011}^{(10)}m_{111}^{(21)}m_{310}^{(22)}$$
$$-4m_{011}^{(10)}m_{111}^{(21)}m_{301}^{(21)}+4m_{011}^{(10)}m_{111}^{(21)}m_{211}^{(20)}+4m_{011}^{(10)}m_{111}^{(21)}m_{202}^{(10)}-2m_{011}^{(10)}m_{111}^{(21)}m_{112}^{(00)}$$
$$+2m_{011}^{(10)}m_{111}^{(22)}m_{310}^{(21)}+2m_{011}^{(10)}m_{111}^{(22)}m_{301}^{(11)}-2m_{011}^{(10)}m_{111}^{(22)}m_{220}^{(20)}-2m_{011}^{(10)}m_{111}^{(22)}m_{211}^{(10)}$$
$$+m_{011}^{(10)}m_{102}^{(00)}m_{130}^{(22)}+m_{011}^{(10)}m_{102}^{(00)}m_{121}^{(21)}-2m_{011}^{(10)}m_{102}^{(00)}m_{112}^{(11)}+m_{011}^{(10)}m_{102}^{(00)}m_{031}^{(20)}$$
$$-m_{011}^{(10)}m_{102}^{(00)}m_{022}^{(10)}-2m_{011}^{(10)}m_{102}^{(10)}m_{220}^{(22)}-4m_{011}^{(10)}m_{102}^{(10)}m_{211}^{(21)}+3m_{011}^{(10)}m_{102}^{(10)}m_{202}^{(11)}$$
$$-2m_{011}^{(10)}m_{102}^{(10)}m_{121}^{(20)}+4m_{011}^{(10)}m_{102}^{(10)}m_{112}^{(10)}+m_{011}^{(10)}m_{102}^{(10)}m_{022}^{(00)}+m_{011}^{(10)}m_{102}^{(11)}m_{310}^{(22)}$$
$$+3m_{011}^{(10)}m_{102}^{(11)}m_{301}^{(21)}+m_{011}^{(10)}m_{102}^{(11)}m_{211}^{(20)}-3m_{011}^{(10)}m_{102}^{(11)}m_{202}^{(10)}-2m_{011}^{(10)}m_{102}^{(11)}m_{112}^{(00)}$$
$$+2m_{011}^{(10)}m_{102}^{(20)}m_{220}^{(21)}+m_{011}^{(10)}m_{102}^{(20)}m_{211}^{(11)}-2m_{011}^{(10)}m_{102}^{(20)}m_{121}^{(10)}-m_{011}^{(10)}m_{102}^{(20)}m_{031}^{(00)}$$
$$-2m_{011}^{(10)}m_{102}^{(21)}m_{310}^{(21)}-3m_{011}^{(10)}m_{102}^{(21)}m_{301}^{(11)}+2m_{011}^{(10)}m_{102}^{(21)}m_{211}^{(10)}+3m_{011}^{(10)}m_{102}^{(21)}m_{121}^{(00)}$$
$$+m_{011}^{(10)}m_{102}^{(22)}m_{310}^{(11)}-m_{011}^{(10)}m_{102}^{(22)}m_{130}^{(00)}+m_{011}^{(10)}m_{021}^{(00)}m_{211}^{(22)}-m_{011}^{(10)}m_{021}^{(00)}m_{202}^{(21)}$$
$$-m_{011}^{(10)}m_{021}^{(00)}m_{112}^{(20)}+m_{011}^{(10)}m_{021}^{(00)}m_{103}^{(10)}-m_{011}^{(10)}m_{021}^{(10)}m_{301}^{(22)}+2m_{011}^{(10)}m_{021}^{(10)}m_{202}^{(20)}$$
$$-m_{011}^{(10)}m_{021}^{(10)}m_{103}^{(00)}-m_{011}^{(10)}m_{021}^{(20)}m_{310}^{(22)}+2m_{011}^{(10)}m_{021}^{(20)}m_{301}^{(21)}-2m_{011}^{(10)}m_{021}^{(20)}m_{202}^{(10)}$$
$$+m_{011}^{(10)}m_{021}^{(20)}m_{112}^{(00)}+m_{011}^{(10)}m_{021}^{(21)}m_{400}^{(22)}-2m_{011}^{(10)}m_{021}^{(21)}m_{301}^{(20)}+m_{011}^{(10)}m_{021}^{(21)}m_{202}^{(00)}$$
$$-m_{011}^{(10)}m_{021}^{(22)}m_{400}^{(21)}+m_{011}^{(10)}m_{021}^{(22)}m_{310}^{(20)}+m_{011}^{(10)}m_{021}^{(22)}m_{301}^{(10)}-m_{011}^{(10)}m_{021}^{(22)}m_{211}^{(00)}$$
$$-m_{011}^{(10)}m_{012}^{(00)}m_{220}^{(22)}+2m_{011}^{(10)}m_{012}^{(00)}m_{211}^{(21)}-m_{011}^{(10)}m_{012}^{(00)}m_{202}^{(11)}+2m_{011}^{(10)}m_{012}^{(00)}m_{121}^{(20)}$$
$$-2m_{011}^{(10)}m_{012}^{(00)}m_{112}^{(10)}+2m_{011}^{(10)}m_{012}^{(10)}m_{310}^{(22)}-2m_{011}^{(10)}m_{012}^{(10)}m_{301}^{(21)}-4m_{011}^{(10)}m_{012}^{(10)}m_{211}^{(20)}$$
$$+2m_{011}^{(10)}m_{012}^{(10)}m_{202}^{(10)}+2m_{011}^{(10)}m_{012}^{(10)}m_{112}^{(00)}-m_{011}^{(10)}m_{012}^{(11)}m_{400}^{(22)}+2m_{011}^{(10)}m_{012}^{(11)}m_{301}^{(20)}$$
$$-m_{011}^{(10)}m_{012}^{(11)}m_{202}^{(00)}-2m_{011}^{(10)}m_{012}^{(20)}m_{310}^{(21)}+2m_{011}^{(10)}m_{012}^{(20)}m_{301}^{(11)}+2m_{011}^{(10)}m_{012}^{(20)}m_{211}^{(10)}$$
$$-2m_{011}^{(10)}m_{012}^{(20)}m_{121}^{(00)}+2m_{011}^{(10)}m_{012}^{(21)}m_{400}^{(21)}-2m_{011}^{(10)}m_{012}^{(21)}m_{301}^{(10)}-m_{011}^{(10)}m_{012}^{(22)}m_{400}^{(11)}$$
$$+m_{011}^{(10)}m_{012}^{(22)}m_{220}^{(00)}-m_{011}^{(10)}m_{003}^{(00)}m_{220}^{(21)}+m_{011}^{(10)}m_{003}^{(00)}m_{211}^{(11)}-m_{011}^{(10)}m_{003}^{(00)}m_{130}^{(20)}$$
$$+m_{011}^{(10)}m_{003}^{(00)}m_{121}^{(10)}+2m_{011}^{(10)}m_{003}^{(10)}m_{310}^{(21)}-m_{011}^{(10)}m_{003}^{(10)}m_{301}^{(11)}+2m_{011}^{(10)}m_{003}^{(10)}m_{220}^{(20)}$$
$$-2m_{011}^{(10)}m_{003}^{(10)}m_{211}^{(10)}-m_{011}^{(10)}m_{003}^{(10)}m_{121}^{(00)}-m_{011}^{(10)}m_{003}^{(11)}m_{400}^{(21)}-m_{011}^{(10)}m_{003}^{(11)}m_{310}^{(20)}$$
$$+m_{011}^{(10)}m_{003}^{(11)}m_{301}^{(10)}+m_{011}^{(10)}m_{003}^{(11)}m_{211}^{(00)}-m_{011}^{(10)}m_{003}^{(20)}m_{310}^{(11)}+m_{011}^{(10)}m_{003}^{(20)}m_{130}^{(00)}$$
$$+m_{011}^{(10)}m_{003}^{(21)}m_{400}^{(11)}-m_{011}^{(10)}m_{003}^{(21)}m_{220}^{(00)}+m_{011}^{(11)}m_{300}^{(10)}m_{013}^{(20)}-m_{011}^{(11)}m_{300}^{(10)}m_{004}^{(10)}$$
$$-m_{011}^{(11)}m_{300}^{(11)}m_{103}^{(20)}+m_{011}^{(11)}m_{300}^{(11)}m_{004}^{(00)}-m_{011}^{(11)}m_{300}^{(20)}m_{022}^{(20)}+m_{011}^{(11)}m_{300}^{(20)}m_{013}^{(10)}$$
$$+m_{011}^{(11)}m_{300}^{(21)}m_{112}^{(20)}+m_{011}^{(11)}m_{300}^{(21)}m_{103}^{(10)}-2m_{011}^{(11)}m_{300}^{(21)}m_{013}^{(00)}-m_{011}^{(11)}m_{300}^{(22)}m_{112}^{(10)}$$
$$+m_{011}^{(11)}m_{300}^{(22)}m_{022}^{(00)}-m_{011}^{(11)}m_{210}^{(00)}m_{013}^{(20)}+m_{011}^{(11)}m_{210}^{(00)}m_{004}^{(10)}+m_{011}^{(11)}m_{210}^{(10)}m_{103}^{(20)}$$
$$-m_{011}^{(11)}m_{210}^{(10)}m_{004}^{(00)}+m_{011}^{(11)}m_{210}^{(20)}m_{112}^{(20)}-2m_{011}^{(11)}m_{210}^{(20)}m_{103}^{(10)}+m_{011}^{(11)}m_{210}^{(20)}m_{013}^{(00)}$$

$$
\begin{aligned}
&-m_{011}^{(11)}m_{210}^{(21)}m_{202}^{(20)} + m_{011}^{(11)}m_{210}^{(21)}m_{103}^{(00)} + m_{011}^{(11)}m_{210}^{(22)}m_{202}^{(10)} - m_{011}^{(11)}m_{210}^{(22)}m_{112}^{(00)}\\
&+m_{011}^{(11)}m_{201}^{(00)}m_{022}^{(20)} - m_{011}^{(11)}m_{201}^{(00)}m_{013}^{(10)} - 4m_{011}^{(11)}m_{201}^{(10)}m_{112}^{(20)} + 3m_{011}^{(11)}m_{201}^{(10)}m_{103}^{(10)}\\
&+m_{011}^{(11)}m_{201}^{(10)}m_{013}^{(00)} + 3m_{011}^{(11)}m_{201}^{(11)}m_{202}^{(20)} - 3m_{011}^{(11)}m_{201}^{(11)}m_{103}^{(00)} + 2m_{011}^{(11)}m_{201}^{(20)}m_{121}^{(20)}\\
&-m_{011}^{(11)}m_{201}^{(20)}m_{112}^{(10)} - m_{011}^{(11)}m_{201}^{(20)}m_{022}^{(00)} - 2m_{011}^{(11)}m_{201}^{(21)}m_{211}^{(20)} - 3m_{011}^{(11)}m_{201}^{(21)}m_{202}^{(10)}\\
&+5m_{011}^{(11)}m_{201}^{(21)}m_{112}^{(00)} + 2m_{011}^{(11)}m_{201}^{(22)}m_{211}^{(10)} - 2m_{011}^{(11)}m_{201}^{(22)}m_{121}^{(00)} + 2m_{011}^{(11)}m_{111}^{(00)}m_{112}^{(20)}\\
&-2m_{011}^{(11)}m_{111}^{(00)}m_{103}^{(10)} - 2m_{011}^{(11)}m_{111}^{(10)}m_{202}^{(20)} + 2m_{011}^{(11)}m_{111}^{(10)}m_{103}^{(00)} - 2m_{011}^{(11)}m_{111}^{(20)}m_{211}^{(20)}\\
&+4m_{011}^{(11)}m_{111}^{(20)}m_{202}^{(10)} - 2m_{011}^{(11)}m_{111}^{(20)}m_{112}^{(00)} + 2m_{011}^{(11)}m_{111}^{(21)}m_{301}^{(20)} - 2m_{011}^{(11)}m_{111}^{(21)}m_{202}^{(00)}\\
&-2m_{011}^{(11)}m_{111}^{(22)}m_{301}^{(10)} + 2m_{011}^{(11)}m_{111}^{(22)}m_{211}^{(00)} - 2m_{011}^{(11)}m_{102}^{(00)}m_{121}^{(20)} + 2m_{011}^{(11)}m_{102}^{(00)}m_{112}^{(10)}\\
&+5m_{011}^{(11)}m_{102}^{(10)}m_{211}^{(20)} - 3m_{011}^{(11)}m_{102}^{(10)}m_{202}^{(10)} - 2m_{011}^{(11)}m_{102}^{(10)}m_{112}^{(00)} - 3m_{011}^{(11)}m_{102}^{(11)}m_{301}^{(20)}\\
&+3m_{011}^{(11)}m_{102}^{(11)}m_{202}^{(00)} - m_{011}^{(11)}m_{102}^{(20)}m_{220}^{(20)} - m_{011}^{(11)}m_{102}^{(20)}m_{211}^{(10)} + 2m_{011}^{(11)}m_{102}^{(20)}m_{121}^{(00)}\\
&+m_{011}^{(11)}m_{102}^{(21)}m_{310}^{(20)} + 3m_{011}^{(11)}m_{102}^{(21)}m_{301}^{(10)} - 4m_{011}^{(11)}m_{102}^{(21)}m_{211}^{(00)} - m_{011}^{(11)}m_{102}^{(22)}m_{310}^{(10)}\\
&+m_{011}^{(11)}m_{102}^{(22)}m_{220}^{(00)} - m_{011}^{(11)}m_{012}^{(00)}m_{211}^{(20)} + m_{011}^{(11)}m_{012}^{(00)}m_{202}^{(10)} + m_{011}^{(11)}m_{012}^{(10)}m_{301}^{(20)}\\
&-m_{011}^{(11)}m_{012}^{(10)}m_{202}^{(00)} + m_{011}^{(11)}m_{012}^{(20)}m_{310}^{(20)} - 2m_{011}^{(11)}m_{012}^{(20)}m_{301}^{(10)} + m_{011}^{(11)}m_{012}^{(20)}m_{211}^{(00)}\\
&-m_{011}^{(11)}m_{012}^{(21)}m_{400}^{(20)} + m_{011}^{(11)}m_{012}^{(21)}m_{301}^{(00)} + m_{011}^{(11)}m_{012}^{(22)}m_{400}^{(10)} - m_{011}^{(11)}m_{012}^{(22)}m_{310}^{(00)}\\
&+m_{011}^{(11)}m_{003}^{(00)}m_{220}^{(20)} - m_{011}^{(11)}m_{003}^{(00)}m_{211}^{(10)} - 2m_{011}^{(11)}m_{003}^{(10)}m_{310}^{(20)} + m_{011}^{(11)}m_{003}^{(10)}m_{301}^{(10)}\\
&+m_{011}^{(11)}m_{003}^{(10)}m_{211}^{(00)} + m_{011}^{(11)}m_{003}^{(11)}m_{400}^{(20)} - m_{011}^{(11)}m_{003}^{(11)}m_{301}^{(00)} + m_{011}^{(11)}m_{003}^{(20)}m_{310}^{(10)}\\
&-m_{011}^{(11)}m_{003}^{(20)}m_{220}^{(00)} - m_{011}^{(11)}m_{003}^{(21)}m_{400}^{(10)} + m_{011}^{(11)}m_{003}^{(21)}m_{310}^{(00)} + m_{011}^{(20)}m_{300}^{(10)}m_{031}^{(22)}\\
&-m_{011}^{(20)}m_{300}^{(10)}m_{013}^{(11)} - m_{011}^{(20)}m_{300}^{(11)}m_{121}^{(22)} - m_{011}^{(20)}m_{300}^{(11)}m_{112}^{(21)} + m_{011}^{(20)}m_{300}^{(11)}m_{022}^{(20)}\\
&+m_{011}^{(20)}m_{300}^{(11)}m_{013}^{(10)} - m_{011}^{(20)}m_{300}^{(20)}m_{040}^{(22)} + m_{011}^{(20)}m_{300}^{(20)}m_{022}^{(11)} + m_{011}^{(20)}m_{300}^{(21)}m_{130}^{(22)}\\
&+2m_{011}^{(20)}m_{300}^{(21)}m_{121}^{(21)} + m_{011}^{(20)}m_{300}^{(21)}m_{112}^{(11)} - 2m_{011}^{(20)}m_{300}^{(21)}m_{031}^{(20)} - 2m_{011}^{(20)}m_{300}^{(21)}m_{022}^{(10)}\\
&-m_{011}^{(20)}m_{300}^{(22)}m_{130}^{(21)} - m_{011}^{(20)}m_{300}^{(22)}m_{121}^{(11)} + m_{011}^{(20)}m_{300}^{(22)}m_{040}^{(20)} + m_{011}^{(20)}m_{300}^{(22)}m_{031}^{(10)}\\
&-m_{011}^{(20)}m_{210}^{(00)}m_{031}^{(22)} + m_{011}^{(20)}m_{210}^{(00)}m_{013}^{(11)} - m_{011}^{(20)}m_{210}^{(10)}m_{121}^{(22)} + 2m_{011}^{(20)}m_{210}^{(10)}m_{112}^{(21)}\\
&+m_{011}^{(20)}m_{210}^{(10)}m_{103}^{(11)} - 2m_{011}^{(20)}m_{210}^{(10)}m_{022}^{(20)} + 2m_{011}^{(20)}m_{210}^{(11)}m_{211}^{(22)} + m_{011}^{(20)}m_{210}^{(11)}m_{202}^{(21)}\\
&-m_{011}^{(20)}m_{210}^{(11)}m_{112}^{(20)} - m_{011}^{(20)}m_{210}^{(11)}m_{103}^{(10)} - m_{011}^{(20)}m_{210}^{(11)}m_{013}^{(00)} + 3m_{011}^{(20)}m_{210}^{(20)}m_{130}^{(22)}\\
&-2m_{011}^{(20)}m_{210}^{(20)}m_{121}^{(21)} - 3m_{011}^{(20)}m_{210}^{(20)}m_{112}^{(11)} + 2m_{011}^{(20)}m_{210}^{(20)}m_{031}^{(20)} - 3m_{011}^{(20)}m_{210}^{(21)}m_{220}^{(22)}\\
&-4m_{011}^{(20)}m_{210}^{(21)}m_{211}^{(21)} - m_{011}^{(20)}m_{210}^{(21)}m_{202}^{(11)} + 4m_{011}^{(20)}m_{210}^{(21)}m_{121}^{(20)} + 2m_{011}^{(20)}m_{210}^{(21)}m_{112}^{(10)}\\
&+2m_{011}^{(20)}m_{210}^{(21)}m_{022}^{(00)} + 3m_{011}^{(20)}m_{210}^{(22)}m_{220}^{(21)} + 2m_{011}^{(20)}m_{210}^{(22)}m_{211}^{(11)} - 3m_{011}^{(20)}m_{210}^{(22)}m_{130}^{(20)}\\
&-m_{011}^{(20)}m_{210}^{(22)}m_{121}^{(10)} - m_{011}^{(20)}m_{210}^{(22)}m_{031}^{(00)} + m_{011}^{(20)}m_{201}^{(00)}m_{040}^{(22)} - m_{011}^{(20)}m_{201}^{(00)}m_{022}^{(11)}\\
&-2m_{011}^{(20)}m_{201}^{(10)}m_{130}^{(22)} - 2m_{011}^{(20)}m_{201}^{(10)}m_{121}^{(21)} + 2m_{011}^{(20)}m_{201}^{(10)}m_{112}^{(11)} + 2m_{011}^{(20)}m_{201}^{(10)}m_{031}^{(20)}\\
&+m_{011}^{(20)}m_{201}^{(11)}m_{220}^{(22)} + 2m_{011}^{(20)}m_{201}^{(11)}m_{211}^{(21)} - 2m_{011}^{(20)}m_{201}^{(11)}m_{121}^{(20)} - 2m_{011}^{(20)}m_{201}^{(11)}m_{112}^{(10)}\\
&+m_{011}^{(20)}m_{201}^{(11)}m_{022}^{(00)} + 2m_{011}^{(20)}m_{201}^{(20)}m_{130}^{(21)} - 2m_{011}^{(20)}m_{201}^{(20)}m_{040}^{(20)} - 2m_{011}^{(20)}m_{201}^{(21)}m_{220}^{(21)}\\
&-2m_{011}^{(20)}m_{201}^{(21)}m_{211}^{(11)} + 2m_{011}^{(20)}m_{201}^{(21)}m_{130}^{(20)} + 4m_{011}^{(20)}m_{201}^{(21)}m_{121}^{(10)} - 2m_{011}^{(20)}m_{201}^{(21)}m_{031}^{(00)}\\
&+m_{011}^{(20)}m_{201}^{(22)}m_{220}^{(11)} - 2m_{011}^{(20)}m_{201}^{(22)}m_{130}^{(10)} + m_{011}^{(20)}m_{201}^{(22)}m_{040}^{(00)} + 2m_{011}^{(20)}m_{120}^{(00)}m_{121}^{(22)}\\
&-m_{011}^{(20)}m_{120}^{(00)}m_{112}^{(21)} - m_{011}^{(20)}m_{120}^{(00)}m_{103}^{(11)} + m_{011}^{(20)}m_{120}^{(00)}m_{022}^{(20)} - m_{011}^{(20)}m_{120}^{(00)}m_{013}^{(10)}\\
&-m_{011}^{(20)}m_{120}^{(10)}m_{211}^{(22)} - 2m_{011}^{(20)}m_{120}^{(10)}m_{202}^{(21)} + 2m_{011}^{(20)}m_{120}^{(10)}m_{112}^{(20)} + m_{011}^{(20)}m_{120}^{(10)}m_{013}^{(00)}\\
&-m_{011}^{(20)}m_{120}^{(11)}m_{301}^{(22)} + m_{011}^{(20)}m_{120}^{(11)}m_{103}^{(00)} - 3m_{011}^{(20)}m_{120}^{(20)}m_{220}^{(22)} + 4m_{011}^{(20)}m_{120}^{(20)}m_{211}^{(21)}\\
&+2m_{011}^{(20)}m_{120}^{(20)}m_{202}^{(11)} - 4m_{011}^{(20)}m_{120}^{(20)}m_{121}^{(20)} + 2m_{011}^{(20)}m_{120}^{(20)}m_{112}^{(10)} - m_{011}^{(20)}m_{120}^{(20)}m_{022}^{(00)}\\
&+3m_{011}^{(20)}m_{120}^{(21)}m_{310}^{(22)} + 2m_{011}^{(20)}m_{120}^{(21)}m_{301}^{(21)} - 2m_{011}^{(20)}m_{120}^{(21)}m_{211}^{(20)} - 3m_{011}^{(20)}m_{120}^{(21)}m_{112}^{(00)}
\end{aligned}
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\begin{aligned}
&-3m_{011}^{(20)}m_{120}^{(22)}m_{310}^{(21)} - m_{011}^{(20)}m_{120}^{(22)}m_{301}^{(11)} + 3m_{011}^{(20)}m_{120}^{(22)}m_{220}^{(20)} - m_{011}^{(20)}m_{120}^{(22)}m_{211}^{(10)}\\
&+2m_{011}^{(20)}m_{120}^{(22)}m_{121}^{(00)} - 2m_{011}^{(20)}m_{111}^{(00)}m_{130}^{(22)} + 2m_{011}^{(20)}m_{111}^{(22)}m_{121}^{(21)} - 2m_{011}^{(20)}m_{111}^{(00)}m_{031}^{(20)}\\
&+2m_{011}^{(20)}m_{111}^{(00)}m_{022}^{(10)} + 4m_{011}^{(20)}m_{111}^{(10)}m_{220}^{(22)} - 2m_{011}^{(20)}m_{111}^{(10)}m_{202}^{(11)} - 2m_{011}^{(20)}m_{111}^{(10)}m_{022}^{(00)}\\
&-2m_{011}^{(20)}m_{111}^{(11)}m_{310}^{(22)} - 2m_{011}^{(20)}m_{111}^{(11)}m_{301}^{(21)} + 2m_{011}^{(20)}m_{111}^{(11)}m_{211}^{(20)} + 2m_{011}^{(20)}m_{111}^{(11)}m_{202}^{(10)}\\
&-4m_{011}^{(20)}m_{111}^{(20)}m_{220}^{(21)} + 2m_{011}^{(20)}m_{111}^{(20)}m_{211}^{(11)} + 4m_{011}^{(20)}m_{111}^{(20)}m_{130}^{(20)} - 4m_{011}^{(20)}m_{111}^{(20)}m_{121}^{(10)}\\
&+2m_{011}^{(20)}m_{111}^{(20)}m_{031}^{(00)} + 4m_{011}^{(20)}m_{111}^{(21)}m_{310}^{(21)} + 2m_{011}^{(20)}m_{111}^{(21)}m_{301}^{(11)} - 4m_{011}^{(20)}m_{111}^{(21)}m_{220}^{(20)}\\
&-4m_{011}^{(20)}m_{111}^{(21)}m_{211}^{(10)} + 2m_{011}^{(20)}m_{111}^{(21)}m_{121}^{(00)} - 2m_{011}^{(20)}m_{111}^{(22)}m_{310}^{(11)} + 4m_{011}^{(20)}m_{111}^{(22)}m_{220}^{(10)}\\
&-2m_{011}^{(20)}m_{111}^{(22)}m_{130}^{(00)} - m_{011}^{(20)}m_{102}^{(00)}m_{130}^{(21)} + m_{011}^{(20)}m_{102}^{(00)}m_{121}^{(11)} + m_{011}^{(20)}m_{102}^{(00)}m_{040}^{(20)}\\
&-m_{011}^{(20)}m_{102}^{(00)}m_{031}^{(10)} + 2m_{011}^{(20)}m_{102}^{(10)}m_{220}^{(21)} - m_{011}^{(20)}m_{102}^{(10)}m_{211}^{(11)} - 2m_{011}^{(20)}m_{102}^{(10)}m_{130}^{(20)}\\
&+m_{011}^{(20)}m_{102}^{(10)}m_{031}^{(00)} - m_{011}^{(20)}m_{102}^{(11)}m_{310}^{(21)} + m_{011}^{(20)}m_{102}^{(11)}m_{220}^{(20)} + m_{011}^{(20)}m_{102}^{(11)}m_{211}^{(10)}\\
&-m_{011}^{(20)}m_{102}^{(11)}m_{121}^{(00)} - m_{011}^{(20)}m_{102}^{(20)}m_{220}^{(11)} + 2m_{011}^{(20)}m_{102}^{(20)}m_{130}^{(10)} - m_{011}^{(20)}m_{102}^{(20)}m_{040}^{(00)}\\
&+m_{011}^{(20)}m_{102}^{(21)}m_{310}^{(11)} - 2m_{011}^{(20)}m_{102}^{(21)}m_{220}^{(10)} + m_{011}^{(20)}m_{102}^{(21)}m_{130}^{(00)} - m_{011}^{(20)}m_{030}^{(00)}m_{211}^{(22)}\\
&+m_{011}^{(20)}m_{030}^{(00)}m_{202}^{(21)} - m_{011}^{(20)}m_{030}^{(00)}m_{112}^{(20)} + m_{011}^{(20)}m_{030}^{(00)}m_{103}^{(10)} + m_{011}^{(20)}m_{030}^{(10)}m_{301}^{(22)}\\
&-m_{011}^{(20)}m_{030}^{(10)}m_{103}^{(00)} + m_{011}^{(20)}m_{030}^{(20)}m_{310}^{(22)} - 2m_{011}^{(20)}m_{030}^{(20)}m_{301}^{(21)} + 2m_{011}^{(20)}m_{030}^{(20)}m_{211}^{(20)}\\
&-2m_{011}^{(20)}m_{030}^{(20)}m_{202}^{(10)} + m_{011}^{(20)}m_{030}^{(20)}m_{112}^{(00)} - m_{011}^{(20)}m_{030}^{(21)}m_{400}^{(22)} + m_{011}^{(20)}m_{030}^{(21)}m_{202}^{(00)}\\
&+m_{011}^{(20)}m_{030}^{(22)}m_{400}^{(21)} - m_{011}^{(20)}m_{030}^{(22)}m_{310}^{(20)} + m_{011}^{(20)}m_{030}^{(22)}m_{301}^{(10)} - m_{011}^{(20)}m_{030}^{(22)}m_{211}^{(00)}\\
&+m_{011}^{(20)}m_{021}^{(00)}m_{220}^{(22)} - 2m_{011}^{(20)}m_{021}^{(00)}m_{211}^{(21)} + m_{011}^{(20)}m_{021}^{(00)}m_{202}^{(11)} + 2m_{011}^{(20)}m_{021}^{(00)}m_{121}^{(20)}\\
&-2m_{011}^{(20)}m_{021}^{(00)}m_{112}^{(10)} - 2m_{011}^{(20)}m_{021}^{(10)}m_{310}^{(22)} + 2m_{011}^{(20)}m_{021}^{(10)}m_{301}^{(21)} - 2m_{011}^{(20)}m_{021}^{(10)}m_{211}^{(20)}\\
&+2m_{011}^{(20)}m_{021}^{(10)}m_{112}^{(00)} + m_{011}^{(20)}m_{021}^{(11)}m_{400}^{(22)} - m_{011}^{(20)}m_{021}^{(11)}m_{202}^{(00)} + 2m_{011}^{(20)}m_{021}^{(20)}m_{310}^{(21)}\\
&-2m_{011}^{(20)}m_{021}^{(20)}m_{301}^{(11)} - 2m_{011}^{(20)}m_{021}^{(20)}m_{220}^{(20)} + 4m_{011}^{(20)}m_{021}^{(20)}m_{211}^{(10)} - 2m_{011}^{(20)}m_{021}^{(20)}m_{121}^{(00)}\\
&-2m_{011}^{(20)}m_{021}^{(21)}m_{400}^{(21)} + 2m_{011}^{(20)}m_{021}^{(21)}m_{310}^{(20)} + m_{011}^{(20)}m_{021}^{(22)}m_{400}^{(11)} - 2m_{011}^{(20)}m_{021}^{(22)}m_{310}^{(10)}\\
&+m_{011}^{(20)}m_{021}^{(22)}m_{220}^{(00)} + m_{011}^{(20)}m_{012}^{(00)}m_{220}^{(21)} - m_{011}^{(20)}m_{012}^{(00)}m_{211}^{(11)} - m_{011}^{(20)}m_{012}^{(00)}m_{130}^{(20)}\\
&+m_{011}^{(20)}m_{012}^{(00)}m_{121}^{(10)} - 2m_{011}^{(20)}m_{012}^{(10)}m_{310}^{(21)} + m_{011}^{(20)}m_{012}^{(10)}m_{301}^{(11)} + 2m_{011}^{(20)}m_{012}^{(10)}m_{220}^{(20)}\\
&-m_{011}^{(20)}m_{012}^{(10)}m_{121}^{(00)} + m_{011}^{(20)}m_{012}^{(11)}m_{400}^{(21)} - m_{011}^{(20)}m_{012}^{(11)}m_{310}^{(20)} - m_{011}^{(20)}m_{012}^{(11)}m_{301}^{(10)}\\
&+m_{011}^{(20)}m_{012}^{(20)}m_{211}^{(00)} + m_{011}^{(20)}m_{012}^{(20)}m_{310}^{(11)} - 2m_{011}^{(20)}m_{012}^{(20)}m_{220}^{(10)} + m_{011}^{(20)}m_{012}^{(20)}m_{130}^{(00)}\\
&-m_{011}^{(20)}m_{012}^{(21)}m_{400}^{(11)} + 2m_{011}^{(20)}m_{012}^{(21)}m_{310}^{(10)} - m_{011}^{(20)}m_{012}^{(21)}m_{220}^{(00)} - m_{011}^{(22)}m_{300}^{(10)}m_{031}^{(20)}\\
&+m_{011}^{(22)}m_{300}^{(10)}m_{022}^{(10)} + m_{011}^{(22)}m_{300}^{(11)}m_{121}^{(20)} - m_{011}^{(22)}m_{300}^{(11)}m_{022}^{(00)} + m_{011}^{(22)}m_{300}^{(20)}m_{040}^{(20)}\\
&-m_{011}^{(22)}m_{300}^{(20)}m_{031}^{(10)} - m_{011}^{(22)}m_{300}^{(21)}m_{130}^{(20)} - m_{011}^{(22)}m_{300}^{(21)}m_{121}^{(10)} + 2m_{011}^{(22)}m_{300}^{(21)}m_{031}^{(00)}\\
&+m_{011}^{(22)}m_{300}^{(22)}m_{130}^{(10)} - m_{011}^{(22)}m_{300}^{(22)}m_{040}^{(00)} + m_{011}^{(22)}m_{210}^{(00)}m_{031}^{(20)} - m_{011}^{(22)}m_{210}^{(00)}m_{022}^{(10)}\\
&+m_{011}^{(22)}m_{210}^{(10)}m_{121}^{(20)} - 2m_{011}^{(22)}m_{210}^{(10)}m_{112}^{(10)} + m_{011}^{(22)}m_{210}^{(10)}m_{022}^{(00)} - 2m_{011}^{(22)}m_{210}^{(11)}m_{211}^{(20)}\\
&+2m_{011}^{(22)}m_{210}^{(11)}m_{112}^{(00)} - 3m_{011}^{(22)}m_{210}^{(20)}m_{130}^{(20)} + 4m_{011}^{(22)}m_{210}^{(20)}m_{121}^{(10)} - m_{011}^{(22)}m_{210}^{(20)}m_{031}^{(00)}\\
&+3m_{011}^{(22)}m_{210}^{(21)}m_{220}^{(20)} + 2m_{011}^{(22)}m_{210}^{(21)}m_{211}^{(10)} - 5m_{011}^{(22)}m_{210}^{(21)}m_{121}^{(00)} - 3m_{011}^{(22)}m_{210}^{(22)}m_{220}^{(10)}\\
&+3m_{011}^{(22)}m_{210}^{(22)}m_{130}^{(00)} - m_{011}^{(22)}m_{201}^{(00)}m_{040}^{(20)} + m_{011}^{(22)}m_{201}^{(00)}m_{031}^{(10)} + 2m_{011}^{(22)}m_{201}^{(10)}m_{130}^{(20)}\\
&-m_{011}^{(22)}m_{201}^{(10)}m_{121}^{(10)} - m_{011}^{(22)}m_{201}^{(10)}m_{031}^{(00)} - m_{011}^{(22)}m_{201}^{(11)}m_{220}^{(20)} + m_{011}^{(22)}m_{201}^{(11)}m_{121}^{(00)}\\
&-m_{011}^{(22)}m_{201}^{(20)}m_{130}^{(10)} + m_{011}^{(22)}m_{201}^{(20)}m_{040}^{(00)} + m_{011}^{(22)}m_{201}^{(21)}m_{220}^{(10)} - m_{011}^{(22)}m_{201}^{(21)}m_{130}^{(00)}\\
&-2m_{011}^{(22)}m_{120}^{(00)}m_{121}^{(20)} + 2m_{011}^{(22)}m_{120}^{(00)}m_{112}^{(10)} + m_{011}^{(22)}m_{120}^{(10)}m_{211}^{(20)} + m_{011}^{(22)}m_{120}^{(10)}m_{202}^{(10)}\\
&-2m_{011}^{(22)}m_{120}^{(10)}m_{112}^{(00)} + m_{011}^{(22)}m_{120}^{(11)}m_{301}^{(20)} - m_{011}^{(22)}m_{120}^{(11)}m_{202}^{(00)} + 3m_{011}^{(22)}m_{120}^{(20)}m_{220}^{(20)}\\
&-5m_{011}^{(22)}m_{120}^{(20)}m_{211}^{(10)} + 2m_{011}^{(22)}m_{120}^{(20)}m_{121}^{(00)} - 3m_{011}^{(22)}m_{120}^{(21)}m_{310}^{(20)} - m_{011}^{(22)}m_{120}^{(21)}m_{301}^{(10)}
\end{aligned}
$$

$$+4m_{011}^{(22)}m_{120}^{(21)}m_{211}^{(00)}+3m_{011}^{(22)}m_{120}^{(22)}m_{310}^{(10)}-3m_{011}^{(22)}m_{120}^{(22)}m_{220}^{(00)}+2m_{011}^{(22)}m_{111}^{(00)}m_{130}^{(20)}$$
$$-2m_{011}^{(22)}m_{111}^{(00)}m_{121}^{(10)}-4m_{011}^{(22)}m_{111}^{(10)}m_{220}^{(20)}+2m_{011}^{(22)}m_{111}^{(10)}m_{211}^{(10)}+2m_{011}^{(22)}m_{111}^{(10)}m_{121}^{(00)}$$
$$+2m_{011}^{(22)}m_{111}^{(11)}m_{310}^{(20)}-2m_{011}^{(22)}m_{111}^{(11)}m_{211}^{(00)}+2m_{011}^{(22)}m_{111}^{(20)}m_{220}^{(10)}-2m_{011}^{(22)}m_{111}^{(20)}m_{130}^{(00)}$$
$$-2m_{011}^{(22)}m_{111}^{(21)}m_{310}^{(10)}+2m_{011}^{(22)}m_{111}^{(21)}m_{220}^{(00)}+m_{011}^{(22)}m_{030}^{(00)}m_{211}^{(20)}-m_{011}^{(22)}m_{030}^{(00)}m_{202}^{(10)}$$
$$-m_{011}^{(22)}m_{030}^{(10)}m_{301}^{(20)}+m_{011}^{(22)}m_{030}^{(10)}m_{202}^{(00)}-m_{011}^{(22)}m_{030}^{(20)}m_{310}^{(20)}+2m_{011}^{(22)}m_{030}^{(20)}m_{301}^{(10)}$$
$$-m_{011}^{(22)}m_{030}^{(20)}m_{211}^{(00)}+m_{011}^{(22)}m_{030}^{(21)}m_{400}^{(20)}-m_{011}^{(22)}m_{030}^{(21)}m_{301}^{(00)}-m_{011}^{(22)}m_{030}^{(22)}m_{400}^{(10)}$$
$$+m_{011}^{(22)}m_{030}^{(22)}m_{310}^{(00)}-m_{011}^{(22)}m_{021}^{(00)}m_{220}^{(20)}+m_{011}^{(22)}m_{021}^{(00)}m_{211}^{(10)}+2m_{011}^{(22)}m_{021}^{(10)}m_{310}^{(20)}$$
$$-m_{011}^{(22)}m_{021}^{(10)}m_{301}^{(10)}-m_{011}^{(22)}m_{021}^{(10)}m_{211}^{(00)}-m_{011}^{(22)}m_{021}^{(11)}m_{400}^{(20)}+m_{011}^{(22)}m_{021}^{(11)}m_{301}^{(00)}$$
$$-m_{011}^{(22)}m_{021}^{(20)}m_{310}^{(10)}+m_{011}^{(22)}m_{021}^{(20)}m_{220}^{(00)}+m_{011}^{(22)}m_{021}^{(21)}m_{400}^{(10)}-m_{011}^{(22)}m_{021}^{(21)}m_{310}^{(00)}$$
$$-m_{002}^{(00)}m_{210}^{(10)}m_{022}^{(21)}+m_{002}^{(00)}m_{210}^{(10)}m_{013}^{(11)}+m_{002}^{(00)}m_{210}^{(11)}m_{112}^{(21)}-m_{002}^{(00)}m_{210}^{(11)}m_{013}^{(10)}$$
$$+m_{002}^{(00)}m_{210}^{(20)}m_{031}^{(21)}-m_{002}^{(00)}m_{210}^{(20)}m_{022}^{(11)}-m_{002}^{(00)}m_{210}^{(21)}m_{121}^{(21)}-m_{002}^{(00)}m_{210}^{(21)}m_{112}^{(11)}$$
$$+2m_{002}^{(00)}m_{210}^{(21)}m_{022}^{(10)}+m_{002}^{(00)}m_{210}^{(22)}m_{121}^{(11)}-m_{002}^{(00)}m_{210}^{(22)}m_{031}^{(10)}+m_{002}^{(00)}m_{201}^{(10)}m_{031}^{(21)}$$
$$-m_{002}^{(00)}m_{201}^{(10)}m_{022}^{(11)}-m_{002}^{(00)}m_{201}^{(11)}m_{121}^{(21)}+m_{002}^{(00)}m_{201}^{(11)}m_{022}^{(10)}-m_{002}^{(00)}m_{201}^{(20)}m_{040}^{(21)}$$
$$+m_{002}^{(00)}m_{201}^{(20)}m_{031}^{(11)}+m_{002}^{(00)}m_{201}^{(21)}m_{130}^{(21)}+m_{002}^{(00)}m_{201}^{(21)}m_{121}^{(11)}-2m_{002}^{(00)}m_{201}^{(21)}m_{031}^{(10)}$$
$$-m_{002}^{(00)}m_{201}^{(22)}m_{130}^{(11)}+m_{002}^{(00)}m_{201}^{(22)}m_{040}^{(10)}+m_{002}^{(00)}m_{120}^{(00)}m_{022}^{(21)}-m_{002}^{(00)}m_{120}^{(00)}m_{013}^{(11)}$$
$$-m_{002}^{(00)}m_{120}^{(10)}m_{103}^{(11)}+m_{002}^{(00)}m_{120}^{(10)}m_{013}^{(10)}-m_{002}^{(00)}m_{120}^{(11)}m_{202}^{(21)}+m_{002}^{(00)}m_{120}^{(11)}m_{103}^{(10)}$$
$$-2m_{002}^{(00)}m_{120}^{(20)}m_{121}^{(21)}+3m_{002}^{(00)}m_{120}^{(20)}m_{112}^{(11)}-m_{002}^{(00)}m_{120}^{(20)}m_{022}^{(10)}+2m_{002}^{(00)}m_{120}^{(21)}m_{211}^{(21)}$$
$$+m_{002}^{(00)}m_{120}^{(21)}m_{202}^{(11)}-3m_{002}^{(00)}m_{120}^{(21)}m_{112}^{(10)}-2m_{002}^{(00)}m_{120}^{(22)}m_{211}^{(11)}+2m_{002}^{(00)}m_{120}^{(22)}m_{121}^{(10)}$$
$$-2m_{002}^{(00)}m_{111}^{(00)}m_{031}^{(21)}+2m_{002}^{(00)}m_{111}^{(00)}m_{022}^{(11)}+2m_{002}^{(00)}m_{111}^{(10)}m_{121}^{(21)}-2m_{002}^{(00)}m_{111}^{(10)}m_{022}^{(10)}$$
$$+2m_{002}^{(00)}m_{111}^{(20)}m_{130}^{(21)}-4m_{002}^{(00)}m_{111}^{(20)}m_{121}^{(11)}+2m_{002}^{(00)}m_{111}^{(20)}m_{031}^{(10)}-2m_{002}^{(00)}m_{111}^{(21)}m_{220}^{(21)}$$
$$+2m_{002}^{(00)}m_{111}^{(21)}m_{121}^{(10)}+2m_{002}^{(00)}m_{111}^{(22)}m_{220}^{(11)}-2m_{002}^{(00)}m_{111}^{(22)}m_{130}^{(10)}+m_{002}^{(00)}m_{102}^{(00)}m_{040}^{(21)}$$
$$-m_{002}^{(00)}m_{102}^{(00)}m_{031}^{(11)}-2m_{002}^{(00)}m_{102}^{(10)}m_{130}^{(21)}+m_{002}^{(00)}m_{102}^{(10)}m_{121}^{(11)}+m_{002}^{(00)}m_{102}^{(10)}m_{031}^{(10)}$$
$$+m_{002}^{(00)}m_{102}^{(11)}m_{220}^{(21)}-m_{002}^{(00)}m_{102}^{(11)}m_{121}^{(10)}+m_{002}^{(00)}m_{102}^{(20)}m_{130}^{(11)}-m_{002}^{(00)}m_{102}^{(20)}m_{040}^{(10)}$$
$$-m_{002}^{(00)}m_{102}^{(21)}m_{220}^{(11)}+m_{002}^{(00)}m_{102}^{(21)}m_{130}^{(10)}-m_{002}^{(00)}m_{030}^{(00)}m_{112}^{(21)}+m_{002}^{(00)}m_{030}^{(00)}m_{103}^{(11)}$$
$$+m_{002}^{(00)}m_{030}^{(10)}m_{202}^{(21)}-m_{002}^{(00)}m_{030}^{(10)}m_{103}^{(10)}+m_{002}^{(00)}m_{030}^{(20)}m_{211}^{(21)}-2m_{002}^{(00)}m_{030}^{(20)}m_{202}^{(11)}$$
$$+m_{002}^{(00)}m_{030}^{(20)}m_{112}^{(10)}-m_{002}^{(00)}m_{030}^{(21)}m_{301}^{(21)}+m_{002}^{(00)}m_{030}^{(21)}m_{202}^{(10)}+m_{002}^{(00)}m_{030}^{(22)}m_{301}^{(11)}$$
$$-m_{002}^{(00)}m_{030}^{(22)}m_{211}^{(10)}+2m_{002}^{(00)}m_{021}^{(00)}m_{121}^{(21)}-2m_{002}^{(00)}m_{021}^{(00)}m_{112}^{(11)}-3m_{002}^{(00)}m_{021}^{(10)}m_{211}^{(21)}$$
$$+m_{002}^{(00)}m_{021}^{(10)}m_{202}^{(11)}+2m_{002}^{(00)}m_{021}^{(10)}m_{112}^{(10)}+m_{002}^{(00)}m_{021}^{(11)}m_{301}^{(21)}-m_{002}^{(00)}m_{021}^{(11)}m_{202}^{(10)}$$
$$-m_{002}^{(00)}m_{021}^{(20)}m_{220}^{(21)}+3m_{002}^{(00)}m_{021}^{(20)}m_{211}^{(11)}-2m_{002}^{(00)}m_{021}^{(20)}m_{121}^{(10)}+m_{002}^{(00)}m_{021}^{(21)}m_{310}^{(21)}$$
$$-m_{002}^{(00)}m_{021}^{(21)}m_{301}^{(11)}-m_{002}^{(00)}m_{021}^{(22)}m_{310}^{(11)}+m_{002}^{(00)}m_{021}^{(22)}m_{220}^{(10)}-m_{002}^{(00)}m_{012}^{(00)}m_{130}^{(21)}$$
$$+m_{002}^{(00)}m_{012}^{(00)}m_{121}^{(11)}+2m_{002}^{(00)}m_{012}^{(10)}m_{220}^{(21)}-m_{002}^{(00)}m_{012}^{(10)}m_{211}^{(11)}-m_{002}^{(00)}m_{012}^{(10)}m_{121}^{(10)}$$
$$-m_{002}^{(00)}m_{012}^{(11)}m_{310}^{(21)}+m_{002}^{(00)}m_{012}^{(11)}m_{211}^{(10)}-m_{002}^{(00)}m_{012}^{(20)}m_{220}^{(11)}+m_{002}^{(00)}m_{012}^{(20)}m_{130}^{(10)}$$
$$+m_{002}^{(00)}m_{012}^{(21)}m_{310}^{(11)}-m_{002}^{(00)}m_{012}^{(21)}m_{220}^{(10)}+m_{002}^{(10)}m_{300}^{(10)}m_{022}^{(21)}-m_{002}^{(10)}m_{300}^{(10)}m_{013}^{(11)}$$
$$-m_{002}^{(10)}m_{300}^{(11)}m_{112}^{(21)}+m_{002}^{(10)}m_{300}^{(11)}m_{013}^{(10)}-m_{002}^{(10)}m_{300}^{(20)}m_{031}^{(21)}+m_{002}^{(10)}m_{300}^{(20)}m_{022}^{(11)}$$
$$+m_{002}^{(10)}m_{300}^{(21)}m_{121}^{(21)}+m_{002}^{(10)}m_{300}^{(21)}m_{112}^{(11)}-2m_{002}^{(10)}m_{300}^{(21)}m_{022}^{(10)}-m_{002}^{(10)}m_{300}^{(22)}m_{121}^{(11)}$$
$$+m_{002}^{(10)}m_{300}^{(22)}m_{031}^{(10)}-m_{002}^{(10)}m_{210}^{(00)}m_{022}^{(21)}+m_{002}^{(10)}m_{210}^{(00)}m_{013}^{(11)}+m_{002}^{(10)}m_{210}^{(10)}m_{103}^{(11)}$$
$$+m_{002}^{(10)}m_{210}^{(10)}m_{022}^{(20)}-2m_{002}^{(10)}m_{210}^{(10)}m_{013}^{(10)}+m_{002}^{(10)}m_{210}^{(11)}m_{202}^{(21)}-m_{002}^{(10)}m_{210}^{(11)}m_{112}^{(20)}$$
$$-m_{002}^{(10)}m_{210}^{(11)}m_{103}^{(10)}+m_{002}^{(10)}m_{210}^{(11)}m_{013}^{(00)}+2m_{002}^{(10)}m_{210}^{(20)}m_{121}^{(21)}-3m_{002}^{(10)}m_{210}^{(20)}m_{112}^{(11)}$$

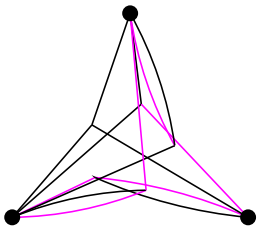
$$
\begin{aligned}
&-m_{002}^{(10)}m_{210}^{(20)}m_{031}^{(20)} + 2m_{002}^{(10)}m_{210}^{(20)}m_{022}^{(10)} - 2m_{002}^{(10)}m_{210}^{(21)}m_{211}^{(21)} - m_{002}^{(10)}m_{210}^{(21)}m_{202}^{(11)}\\
&+m_{002}^{(10)}m_{210}^{(21)}m_{121}^{(20)} + 4m_{002}^{(10)}m_{210}^{(21)}m_{112}^{(10)} - 2m_{002}^{(10)}m_{210}^{(21)}m_{022}^{(00)} + 2m_{002}^{(10)}m_{210}^{(22)}m_{211}^{(11)}\\
&-3m_{002}^{(10)}m_{210}^{(22)}m_{121}^{(10)} + m_{002}^{(10)}m_{210}^{(22)}m_{031}^{(00)} + m_{002}^{(10)}m_{201}^{(00)}m_{031}^{(21)} - m_{002}^{(10)}m_{201}^{(00)}m_{022}^{(11)}\\
&-3m_{002}^{(10)}m_{201}^{(10)}m_{121}^{(21)} + 2m_{002}^{(10)}m_{201}^{(10)}m_{112}^{(11)} - m_{002}^{(10)}m_{201}^{(10)}m_{031}^{(20)} + 2m_{002}^{(10)}m_{201}^{(10)}m_{022}^{(10)}\\
&+2m_{002}^{(10)}m_{201}^{(11)}m_{211}^{(21)} + m_{002}^{(10)}m_{201}^{(11)}m_{121}^{(20)} - 2m_{002}^{(10)}m_{201}^{(11)}m_{112}^{(10)} - m_{002}^{(10)}m_{201}^{(11)}m_{022}^{(00)}\\
&+m_{002}^{(10)}m_{201}^{(20)}m_{130}^{(21)} + m_{002}^{(10)}m_{201}^{(20)}m_{040}^{(20)} - 2m_{002}^{(10)}m_{201}^{(20)}m_{031}^{(10)} - m_{002}^{(10)}m_{201}^{(21)}m_{220}^{(21)}\\
&-2m_{002}^{(10)}m_{201}^{(21)}m_{211}^{(11)} - m_{002}^{(10)}m_{201}^{(21)}m_{130}^{(20)} + 2m_{002}^{(10)}m_{201}^{(21)}m_{121}^{(10)} + 2m_{002}^{(10)}m_{201}^{(21)}m_{031}^{(00)}\\
&+m_{002}^{(10)}m_{201}^{(22)}m_{220}^{(11)} - m_{002}^{(10)}m_{201}^{(22)}m_{040}^{(00)} + m_{002}^{(10)}m_{120}^{(00)}m_{112}^{(21)} - m_{002}^{(10)}m_{120}^{(00)}m_{103}^{(11)}\\
&-m_{002}^{(10)}m_{120}^{(00)}m_{022}^{(20)} + m_{002}^{(10)}m_{120}^{(00)}m_{013}^{(10)} - m_{002}^{(10)}m_{120}^{(10)}m_{202}^{(21)} + 2m_{002}^{(10)}m_{120}^{(10)}m_{103}^{(10)}\\
&-m_{002}^{(10)}m_{120}^{(10)}m_{013}^{(00)} + m_{002}^{(10)}m_{120}^{(11)}m_{202}^{(20)} - m_{002}^{(10)}m_{120}^{(11)}m_{103}^{(00)} - m_{002}^{(10)}m_{120}^{(20)}m_{211}^{(21)}\\
&+2m_{002}^{(10)}m_{120}^{(20)}m_{202}^{(11)} + 2m_{002}^{(10)}m_{120}^{(20)}m_{121}^{(20)} - 4m_{002}^{(10)}m_{120}^{(20)}m_{112}^{(10)} + m_{002}^{(10)}m_{120}^{(20)}m_{022}^{(00)}\\
&+m_{002}^{(10)}m_{120}^{(21)}m_{301}^{(21)} - 2m_{002}^{(10)}m_{120}^{(21)}m_{211}^{(20)} - 2m_{002}^{(10)}m_{120}^{(21)}m_{202}^{(10)} + 3m_{002}^{(10)}m_{120}^{(21)}m_{112}^{(00)}\\
&-m_{002}^{(10)}m_{120}^{(22)}m_{301}^{(11)} + 3m_{002}^{(10)}m_{120}^{(22)}m_{211}^{(10)} - 2m_{002}^{(10)}m_{120}^{(22)}m_{121}^{(00)} + 2m_{002}^{(10)}m_{111}^{(00)}m_{031}^{(20)}\\
&-2m_{002}^{(10)}m_{111}^{(00)}m_{022}^{(10)} + 2m_{002}^{(10)}m_{111}^{(10)}m_{211}^{(21)} - 2m_{002}^{(10)}m_{111}^{(10)}m_{202}^{(11)} - 2m_{002}^{(10)}m_{111}^{(10)}m_{121}^{(20)}\\
&+2m_{002}^{(10)}m_{111}^{(10)}m_{022}^{(00)} - 2m_{002}^{(10)}m_{111}^{(11)}m_{301}^{(21)} + 2m_{002}^{(10)}m_{111}^{(11)}m_{202}^{(10)} - 2m_{002}^{(10)}m_{111}^{(20)}m_{220}^{(21)}\\
&+2m_{002}^{(10)}m_{111}^{(20)}m_{211}^{(11)} - 2m_{002}^{(10)}m_{111}^{(20)}m_{130}^{(20)} + 4m_{002}^{(10)}m_{111}^{(20)}m_{121}^{(10)} - 2m_{002}^{(10)}m_{111}^{(20)}m_{031}^{(00)}\\
&+2m_{002}^{(10)}m_{111}^{(21)}m_{310}^{(21)} + 2m_{002}^{(10)}m_{111}^{(21)}m_{301}^{(11)} + 2m_{002}^{(10)}m_{111}^{(21)}m_{220}^{(20)} - 4m_{002}^{(10)}m_{111}^{(21)}m_{211}^{(10)}\\
&-2m_{002}^{(10)}m_{111}^{(21)}m_{121}^{(00)} - 2m_{002}^{(10)}m_{111}^{(22)}m_{310}^{(11)} + 2m_{002}^{(10)}m_{111}^{(22)}m_{130}^{(00)} - m_{002}^{(10)}m_{102}^{(00)}m_{130}^{(21)}\\
&+m_{002}^{(10)}m_{102}^{(00)}m_{121}^{(11)} - m_{002}^{(10)}m_{102}^{(00)}m_{040}^{(20)} + m_{002}^{(10)}m_{102}^{(00)}m_{031}^{(10)} + 2m_{002}^{(10)}m_{102}^{(10)}m_{220}^{(21)}\\
&-m_{002}^{(10)}m_{102}^{(10)}m_{211}^{(11)} + 2m_{002}^{(10)}m_{102}^{(10)}m_{130}^{(20)} - 2m_{002}^{(10)}m_{102}^{(10)}m_{121}^{(10)} - m_{002}^{(10)}m_{102}^{(10)}m_{031}^{(00)}\\
&-m_{002}^{(10)}m_{102}^{(11)}m_{310}^{(21)} - m_{002}^{(10)}m_{102}^{(11)}m_{220}^{(20)} + m_{002}^{(10)}m_{102}^{(11)}m_{211}^{(10)} + m_{002}^{(10)}m_{102}^{(11)}m_{121}^{(00)}\\
&-m_{002}^{(10)}m_{102}^{(20)}m_{220}^{(11)} + m_{002}^{(10)}m_{102}^{(20)}m_{040}^{(00)} + m_{002}^{(10)}m_{102}^{(21)}m_{310}^{(11)} - m_{002}^{(10)}m_{102}^{(21)}m_{130}^{(00)}\\
&+m_{002}^{(10)}m_{030}^{(00)}m_{112}^{(20)} - m_{002}^{(10)}m_{030}^{(00)}m_{103}^{(10)} - m_{002}^{(10)}m_{030}^{(10)}m_{202}^{(20)} + m_{002}^{(10)}m_{030}^{(10)}m_{103}^{(00)}\\
&-m_{002}^{(10)}m_{030}^{(20)}m_{211}^{(20)} + 2m_{002}^{(10)}m_{030}^{(20)}m_{202}^{(10)} - m_{002}^{(10)}m_{030}^{(20)}m_{112}^{(00)} + m_{002}^{(10)}m_{030}^{(21)}m_{301}^{(20)}\\
&-m_{002}^{(10)}m_{030}^{(21)}m_{202}^{(00)} - m_{002}^{(10)}m_{030}^{(22)}m_{301}^{(10)} + m_{002}^{(10)}m_{030}^{(22)}m_{211}^{(00)} - m_{002}^{(10)}m_{021}^{(00)}m_{211}^{(21)}\\
&+m_{002}^{(10)}m_{021}^{(00)}m_{202}^{(11)} - 2m_{002}^{(10)}m_{021}^{(00)}m_{121}^{(20)} + 2m_{002}^{(10)}m_{021}^{(00)}m_{112}^{(10)} + m_{002}^{(10)}m_{021}^{(10)}m_{301}^{(21)}\\
&+3m_{002}^{(10)}m_{021}^{(10)}m_{211}^{(20)} - 2m_{002}^{(10)}m_{021}^{(10)}m_{202}^{(10)} - 2m_{002}^{(10)}m_{021}^{(10)}m_{112}^{(00)} - m_{002}^{(10)}m_{021}^{(11)}m_{301}^{(20)}\\
&+m_{002}^{(10)}m_{021}^{(11)}m_{202}^{(00)} + m_{002}^{(10)}m_{021}^{(20)}m_{310}^{(21)} - 2m_{002}^{(10)}m_{021}^{(20)}m_{301}^{(11)} + m_{002}^{(10)}m_{021}^{(20)}m_{220}^{(20)}\\
&-2m_{002}^{(10)}m_{021}^{(20)}m_{211}^{(10)} + 2m_{002}^{(10)}m_{021}^{(20)}m_{121}^{(00)} - m_{002}^{(10)}m_{021}^{(21)}m_{400}^{(21)} - m_{002}^{(10)}m_{021}^{(21)}m_{310}^{(20)}\\
&+2m_{002}^{(10)}m_{021}^{(21)}m_{301}^{(10)} + m_{002}^{(10)}m_{021}^{(22)}m_{400}^{(11)} - m_{002}^{(10)}m_{021}^{(22)}m_{220}^{(00)} + m_{002}^{(10)}m_{012}^{(00)}m_{220}^{(21)}\\
&-m_{002}^{(10)}m_{012}^{(00)}m_{211}^{(11)} + m_{002}^{(10)}m_{012}^{(00)}m_{130}^{(20)} - m_{002}^{(10)}m_{012}^{(00)}m_{121}^{(10)} - 2m_{002}^{(10)}m_{012}^{(10)}m_{310}^{(21)}\\
&+m_{002}^{(10)}m_{012}^{(10)}m_{301}^{(11)} - 2m_{002}^{(10)}m_{012}^{(10)}m_{220}^{(20)} + 2m_{002}^{(10)}m_{012}^{(10)}m_{211}^{(10)} + m_{002}^{(10)}m_{012}^{(10)}m_{121}^{(00)}\\
&+m_{002}^{(10)}m_{012}^{(11)}m_{400}^{(21)} + m_{002}^{(10)}m_{012}^{(11)}m_{310}^{(20)} - m_{002}^{(10)}m_{012}^{(11)}m_{301}^{(10)} - m_{002}^{(10)}m_{012}^{(11)}m_{211}^{(00)}\\
&+m_{002}^{(10)}m_{012}^{(20)}m_{310}^{(11)} - m_{002}^{(10)}m_{012}^{(20)}m_{130}^{(00)} - m_{002}^{(10)}m_{012}^{(21)}m_{400}^{(11)} + m_{002}^{(10)}m_{012}^{(21)}m_{220}^{(00)}\\
&-m_{002}^{(11)}m_{300}^{(10)}m_{022}^{(20)} + m_{002}^{(11)}m_{300}^{(10)}m_{013}^{(10)} + m_{002}^{(11)}m_{300}^{(11)}m_{112}^{(20)} - m_{002}^{(11)}m_{300}^{(11)}m_{013}^{(00)}\\
&+m_{002}^{(11)}m_{300}^{(20)}m_{031}^{(20)} - m_{002}^{(11)}m_{300}^{(20)}m_{022}^{(10)} - m_{002}^{(11)}m_{300}^{(21)}m_{121}^{(20)} - m_{002}^{(11)}m_{300}^{(21)}m_{112}^{(10)}\\
&+2m_{002}^{(11)}m_{300}^{(21)}m_{022}^{(00)} + m_{002}^{(11)}m_{300}^{(22)}m_{121}^{(10)} - m_{002}^{(11)}m_{300}^{(22)}m_{031}^{(00)} + m_{002}^{(11)}m_{210}^{(00)}m_{022}^{(20)}\\
&-m_{002}^{(11)}m_{210}^{(00)}m_{013}^{(10)} - m_{002}^{(11)}m_{210}^{(10)}m_{103}^{(10)} + m_{002}^{(11)}m_{210}^{(10)}m_{013}^{(00)} - m_{002}^{(11)}m_{210}^{(11)}m_{202}^{(20)}
\end{aligned}
$$

$$+m_{002}^{(11)}m_{210}^{(11)}m_{103}^{(00)} - 2m_{002}^{(11)}m_{210}^{(20)}m_{121}^{(20)} + 3m_{002}^{(11)}m_{210}^{(20)}m_{112}^{(10)} - m_{002}^{(11)}m_{210}^{(20)}m_{022}^{(00)}$$
$$+2m_{002}^{(11)}m_{210}^{(21)}m_{211}^{(20)} + m_{002}^{(11)}m_{210}^{(21)}m_{202}^{(10)} - 3m_{002}^{(11)}m_{210}^{(21)}m_{112}^{(00)} - 2m_{002}^{(11)}m_{210}^{(22)}m_{211}^{(10)}$$
$$+2m_{002}^{(11)}m_{210}^{(22)}m_{121}^{(00)} - m_{002}^{(11)}m_{201}^{(00)}m_{031}^{(20)} + m_{002}^{(11)}m_{201}^{(00)}m_{022}^{(10)} + 3m_{002}^{(11)}m_{201}^{(10)}m_{121}^{(20)}$$
$$-2m_{002}^{(11)}m_{201}^{(10)}m_{112}^{(10)} - m_{002}^{(11)}m_{201}^{(10)}m_{022}^{(00)} - 2m_{002}^{(11)}m_{201}^{(11)}m_{211}^{(20)} + 2m_{002}^{(11)}m_{201}^{(11)}m_{112}^{(00)}$$
$$-m_{002}^{(11)}m_{201}^{(20)}m_{130}^{(20)} + m_{002}^{(11)}m_{201}^{(20)}m_{031}^{(00)} + m_{002}^{(11)}m_{201}^{(21)}m_{220}^{(20)} + 2m_{002}^{(11)}m_{201}^{(21)}m_{211}^{(10)}$$
$$-3m_{002}^{(11)}m_{201}^{(21)}m_{121}^{(00)} - m_{002}^{(11)}m_{201}^{(22)}m_{220}^{(10)} + m_{002}^{(11)}m_{201}^{(22)}m_{130}^{(00)} - m_{002}^{(11)}m_{120}^{(00)}m_{112}^{(20)}$$
$$+m_{002}^{(11)}m_{120}^{(00)}m_{103}^{(10)} + m_{002}^{(11)}m_{120}^{(10)}m_{202}^{(20)} - m_{002}^{(11)}m_{120}^{(10)}m_{103}^{(00)} + m_{002}^{(11)}m_{120}^{(20)}m_{211}^{(20)}$$
$$-2m_{002}^{(11)}m_{120}^{(20)}m_{202}^{(10)} + m_{002}^{(11)}m_{120}^{(20)}m_{112}^{(00)} - m_{002}^{(11)}m_{120}^{(21)}m_{301}^{(20)} + m_{002}^{(11)}m_{120}^{(21)}m_{202}^{(00)}$$
$$+m_{002}^{(11)}m_{120}^{(22)}m_{301}^{(10)} - m_{002}^{(11)}m_{120}^{(22)}m_{211}^{(00)} - 2m_{002}^{(11)}m_{111}^{(10)}m_{211}^{(20)} + 2m_{002}^{(11)}m_{111}^{(10)}m_{202}^{(10)}$$
$$+2m_{002}^{(11)}m_{111}^{(11)}m_{301}^{(20)} - 2m_{002}^{(11)}m_{111}^{(11)}m_{202}^{(00)} + 2m_{002}^{(11)}m_{111}^{(20)}m_{220}^{(20)} - 2m_{002}^{(11)}m_{111}^{(20)}m_{211}^{(10)}$$
$$-2m_{002}^{(11)}m_{111}^{(21)}m_{310}^{(20)} - 2m_{002}^{(11)}m_{111}^{(21)}m_{301}^{(10)} + 4m_{002}^{(11)}m_{111}^{(21)}m_{211}^{(00)} + 2m_{002}^{(11)}m_{111}^{(22)}m_{310}^{(10)}$$
$$-2m_{002}^{(11)}m_{111}^{(22)}m_{220}^{(00)} + m_{002}^{(11)}m_{102}^{(00)}m_{130}^{(20)} - m_{002}^{(11)}m_{102}^{(00)}m_{121}^{(10)} - 2m_{002}^{(11)}m_{102}^{(10)}m_{220}^{(20)}$$
$$+m_{002}^{(11)}m_{102}^{(10)}m_{211}^{(10)} + m_{002}^{(11)}m_{102}^{(10)}m_{121}^{(00)} + m_{002}^{(11)}m_{102}^{(11)}m_{310}^{(20)} - m_{002}^{(11)}m_{102}^{(11)}m_{211}^{(00)}$$
$$+m_{002}^{(11)}m_{102}^{(20)}m_{220}^{(10)} - m_{002}^{(11)}m_{102}^{(20)}m_{130}^{(00)} - m_{002}^{(11)}m_{102}^{(21)}m_{310}^{(10)} + m_{002}^{(11)}m_{102}^{(21)}m_{220}^{(00)}$$
$$+m_{002}^{(11)}m_{021}^{(00)}m_{211}^{(20)} - m_{002}^{(11)}m_{021}^{(00)}m_{202}^{(10)} - m_{002}^{(11)}m_{021}^{(10)}m_{301}^{(20)} + m_{002}^{(11)}m_{021}^{(10)}m_{202}^{(00)}$$
$$-m_{002}^{(11)}m_{021}^{(20)}m_{310}^{(20)} + 2m_{002}^{(11)}m_{021}^{(20)}m_{301}^{(10)} - m_{002}^{(11)}m_{021}^{(20)}m_{211}^{(00)} + m_{002}^{(11)}m_{021}^{(21)}m_{400}^{(20)}$$
$$-m_{002}^{(11)}m_{021}^{(21)}m_{301}^{(00)} - m_{002}^{(11)}m_{021}^{(22)}m_{400}^{(10)} + m_{002}^{(11)}m_{021}^{(22)}m_{310}^{(00)} - m_{002}^{(11)}m_{012}^{(00)}m_{220}^{(20)}$$
$$+m_{002}^{(11)}m_{012}^{(00)}m_{211}^{(10)} + 2m_{002}^{(11)}m_{012}^{(10)}m_{310}^{(20)} - m_{002}^{(11)}m_{012}^{(10)}m_{301}^{(10)} - m_{002}^{(11)}m_{012}^{(10)}m_{211}^{(00)}$$
$$-m_{002}^{(11)}m_{012}^{(11)}m_{400}^{(20)} + m_{002}^{(11)}m_{012}^{(11)}m_{301}^{(00)} - m_{002}^{(11)}m_{012}^{(20)}m_{310}^{(10)} + m_{002}^{(11)}m_{012}^{(20)}m_{220}^{(00)}$$
$$+m_{002}^{(11)}m_{012}^{(21)}m_{400}^{(10)} - m_{002}^{(11)}m_{012}^{(21)}m_{310}^{(00)} - m_{002}^{(20)}m_{300}^{(10)}m_{031}^{(21)} + m_{002}^{(20)}m_{300}^{(10)}m_{022}^{(11)}$$
$$+m_{002}^{(20)}m_{300}^{(11)}m_{121}^{(21)} - m_{002}^{(20)}m_{300}^{(11)}m_{022}^{(10)} + m_{002}^{(20)}m_{300}^{(20)}m_{040}^{(21)} - m_{002}^{(20)}m_{300}^{(20)}m_{031}^{(11)}$$
$$-m_{002}^{(20)}m_{300}^{(21)}m_{130}^{(21)} - m_{002}^{(20)}m_{300}^{(21)}m_{121}^{(11)} + 2m_{002}^{(20)}m_{300}^{(21)}m_{031}^{(10)} + m_{002}^{(20)}m_{300}^{(22)}m_{130}^{(11)}$$
$$-m_{002}^{(20)}m_{300}^{(22)}m_{040}^{(10)} + m_{002}^{(20)}m_{210}^{(00)}m_{031}^{(21)} - m_{002}^{(20)}m_{210}^{(00)}m_{022}^{(11)} + m_{002}^{(20)}m_{210}^{(10)}m_{121}^{(21)}$$
$$-2m_{002}^{(20)}m_{210}^{(10)}m_{112}^{(11)} + m_{002}^{(20)}m_{210}^{(10)}m_{022}^{(10)} - 2m_{002}^{(20)}m_{210}^{(11)}m_{211}^{(21)} + 2m_{002}^{(20)}m_{210}^{(11)}m_{112}^{(10)}$$
$$-3m_{002}^{(20)}m_{210}^{(20)}m_{130}^{(21)} + 4m_{002}^{(20)}m_{210}^{(20)}m_{121}^{(11)} - m_{002}^{(20)}m_{210}^{(20)}m_{031}^{(10)} + 3m_{002}^{(20)}m_{210}^{(21)}m_{220}^{(21)}$$
$$+2m_{002}^{(20)}m_{210}^{(21)}m_{211}^{(11)} - 5m_{002}^{(20)}m_{210}^{(21)}m_{121}^{(10)} - 3m_{002}^{(20)}m_{210}^{(22)}m_{220}^{(11)} + 3m_{002}^{(20)}m_{210}^{(22)}m_{130}^{(10)}$$
$$-m_{002}^{(20)}m_{201}^{(00)}m_{040}^{(21)} + m_{002}^{(20)}m_{201}^{(00)}m_{031}^{(11)} + 2m_{002}^{(20)}m_{201}^{(10)}m_{130}^{(21)} - m_{002}^{(20)}m_{201}^{(10)}m_{121}^{(11)}$$
$$-m_{002}^{(20)}m_{201}^{(10)}m_{031}^{(10)} - m_{002}^{(20)}m_{201}^{(11)}m_{220}^{(21)} + m_{002}^{(20)}m_{201}^{(11)}m_{121}^{(10)} - m_{002}^{(20)}m_{201}^{(20)}m_{130}^{(11)}$$
$$+m_{002}^{(20)}m_{201}^{(20)}m_{040}^{(10)} + m_{002}^{(20)}m_{201}^{(21)}m_{220}^{(11)} - m_{002}^{(20)}m_{201}^{(21)}m_{130}^{(10)} - 2m_{002}^{(20)}m_{120}^{(00)}m_{121}^{(21)}$$
$$+2m_{002}^{(20)}m_{120}^{(00)}m_{112}^{(11)} + m_{002}^{(20)}m_{120}^{(10)}m_{211}^{(21)} + m_{002}^{(20)}m_{120}^{(10)}m_{202}^{(11)} - 2m_{002}^{(20)}m_{120}^{(10)}m_{112}^{(10)}$$
$$+m_{002}^{(20)}m_{120}^{(11)}m_{301}^{(21)} - m_{002}^{(20)}m_{120}^{(11)}m_{202}^{(10)} + 3m_{002}^{(20)}m_{120}^{(20)}m_{220}^{(21)} - 5m_{002}^{(20)}m_{120}^{(20)}m_{211}^{(11)}$$
$$+2m_{002}^{(20)}m_{120}^{(20)}m_{121}^{(10)} - 3m_{002}^{(20)}m_{120}^{(21)}m_{310}^{(21)} - m_{002}^{(20)}m_{120}^{(21)}m_{301}^{(11)} + 4m_{002}^{(20)}m_{120}^{(21)}m_{211}^{(10)}$$
$$+3m_{002}^{(20)}m_{120}^{(22)}m_{310}^{(11)} - 3m_{002}^{(20)}m_{120}^{(22)}m_{220}^{(10)} + 2m_{002}^{(20)}m_{111}^{(00)}m_{130}^{(21)} - 2m_{002}^{(20)}m_{111}^{(00)}m_{121}^{(11)}$$
$$-4m_{002}^{(20)}m_{111}^{(10)}m_{220}^{(21)} + 2m_{002}^{(20)}m_{111}^{(10)}m_{211}^{(11)} + 2m_{002}^{(20)}m_{111}^{(10)}m_{121}^{(10)} + 2m_{002}^{(20)}m_{111}^{(11)}m_{310}^{(21)}$$
$$-2m_{002}^{(20)}m_{111}^{(11)}m_{211}^{(10)} + 2m_{002}^{(20)}m_{111}^{(20)}m_{220}^{(11)} - 2m_{002}^{(20)}m_{111}^{(20)}m_{130}^{(10)} - 2m_{002}^{(20)}m_{111}^{(21)}m_{310}^{(11)}$$
$$+2m_{002}^{(20)}m_{111}^{(21)}m_{220}^{(10)} + m_{002}^{(20)}m_{030}^{(00)}m_{211}^{(21)} - m_{002}^{(20)}m_{030}^{(00)}m_{202}^{(11)} - m_{002}^{(20)}m_{030}^{(10)}m_{301}^{(21)}$$
$$+m_{002}^{(20)}m_{030}^{(10)}m_{202}^{(10)} - m_{002}^{(20)}m_{030}^{(20)}m_{310}^{(21)} + 2m_{002}^{(20)}m_{030}^{(20)}m_{301}^{(11)} - m_{002}^{(20)}m_{030}^{(20)}m_{211}^{(10)}$$
$$+m_{002}^{(20)}m_{030}^{(21)}m_{400}^{(21)} - m_{002}^{(20)}m_{030}^{(21)}m_{301}^{(10)} - m_{002}^{(20)}m_{030}^{(22)}m_{400}^{(11)} + m_{002}^{(20)}m_{030}^{(22)}m_{310}^{(10)}$$

$$
\begin{aligned}
&-m_{002}^{(20)}m_{021}^{(00)}m_{220}^{(21)} + m_{002}^{(20)}m_{021}^{(00)}m_{211}^{(11)} + 2m_{002}^{(20)}m_{021}^{(10)}m_{310}^{(21)} - m_{002}^{(20)}m_{021}^{(10)}m_{301}^{(11)}\\
&-m_{002}^{(20)}m_{021}^{(10)}m_{211}^{(10)} - m_{002}^{(20)}m_{021}^{(11)}m_{400}^{(21)} + m_{002}^{(20)}m_{021}^{(11)}m_{301}^{(10)} - m_{002}^{(20)}m_{021}^{(20)}m_{310}^{(11)}\\
&+m_{002}^{(20)}m_{021}^{(20)}m_{220}^{(10)} + m_{002}^{(20)}m_{021}^{(21)}m_{400}^{(11)} - m_{002}^{(20)}m_{021}^{(21)}m_{310}^{(10)} + m_{002}^{(21)}m_{300}^{(10)}m_{031}^{(20)}\\
&-m_{002}^{(21)}m_{300}^{(10)}m_{022}^{(10)} - m_{002}^{(21)}m_{300}^{(11)}m_{121}^{(20)} + m_{002}^{(21)}m_{300}^{(11)}m_{022}^{(00)} - m_{002}^{(21)}m_{300}^{(20)}m_{040}^{(20)}\\
&+m_{002}^{(21)}m_{300}^{(20)}m_{031}^{(10)} + m_{002}^{(21)}m_{300}^{(21)}m_{130}^{(20)} + m_{002}^{(21)}m_{300}^{(21)}m_{121}^{(10)} - 2m_{002}^{(21)}m_{300}^{(21)}m_{031}^{(00)}\\
&-m_{002}^{(21)}m_{300}^{(22)}m_{130}^{(10)} + m_{002}^{(21)}m_{300}^{(22)}m_{040}^{(00)} - m_{002}^{(21)}m_{210}^{(00)}m_{031}^{(20)} + m_{002}^{(21)}m_{210}^{(00)}m_{022}^{(10)}\\
&-m_{002}^{(21)}m_{210}^{(10)}m_{121}^{(20)} + 2m_{002}^{(21)}m_{210}^{(10)}m_{112}^{(10)} - m_{002}^{(21)}m_{210}^{(10)}m_{022}^{(00)} + 2m_{002}^{(21)}m_{210}^{(11)}m_{211}^{(20)}\\
&-2m_{002}^{(21)}m_{210}^{(11)}m_{112}^{(00)} + 3m_{002}^{(21)}m_{210}^{(20)}m_{130}^{(20)} - 4m_{002}^{(21)}m_{210}^{(20)}m_{121}^{(10)} + m_{002}^{(21)}m_{210}^{(20)}m_{031}^{(00)}\\
&-3m_{002}^{(21)}m_{210}^{(21)}m_{220}^{(20)} - 2m_{002}^{(21)}m_{210}^{(21)}m_{211}^{(10)} + 5m_{002}^{(21)}m_{210}^{(21)}m_{121}^{(00)} + 3m_{002}^{(21)}m_{210}^{(22)}m_{220}^{(10)}\\
&-3m_{002}^{(21)}m_{210}^{(22)}m_{130}^{(00)} + m_{002}^{(21)}m_{201}^{(00)}m_{040}^{(20)} - m_{002}^{(21)}m_{201}^{(00)}m_{031}^{(10)} - 2m_{002}^{(21)}m_{201}^{(10)}m_{130}^{(20)}\\
&+m_{002}^{(21)}m_{201}^{(10)}m_{121}^{(10)} + m_{002}^{(21)}m_{201}^{(10)}m_{031}^{(00)} + m_{002}^{(21)}m_{201}^{(11)}m_{220}^{(20)} - m_{002}^{(21)}m_{201}^{(11)}m_{121}^{(00)}\\
&+m_{002}^{(21)}m_{201}^{(20)}m_{130}^{(10)} - m_{002}^{(21)}m_{201}^{(20)}m_{040}^{(00)} - m_{002}^{(21)}m_{201}^{(21)}m_{220}^{(10)} + m_{002}^{(21)}m_{201}^{(21)}m_{130}^{(00)}\\
&+2m_{002}^{(21)}m_{120}^{(00)}m_{121}^{(20)} - 2m_{002}^{(21)}m_{120}^{(00)}m_{112}^{(10)} - m_{002}^{(21)}m_{120}^{(10)}m_{211}^{(20)} - m_{002}^{(21)}m_{120}^{(10)}m_{202}^{(10)}\\
&+2m_{002}^{(21)}m_{120}^{(10)}m_{112}^{(00)} - m_{002}^{(21)}m_{120}^{(11)}m_{301}^{(20)} + m_{002}^{(21)}m_{120}^{(11)}m_{202}^{(00)} - 3m_{002}^{(21)}m_{120}^{(20)}m_{220}^{(20)}\\
&+5m_{002}^{(21)}m_{120}^{(20)}m_{211}^{(10)} - 2m_{002}^{(21)}m_{120}^{(20)}m_{121}^{(00)} + 3m_{002}^{(21)}m_{120}^{(21)}m_{310}^{(20)} + m_{002}^{(21)}m_{120}^{(21)}m_{301}^{(10)}\\
&-4m_{002}^{(21)}m_{120}^{(21)}m_{211}^{(00)} - 3m_{002}^{(21)}m_{120}^{(22)}m_{310}^{(10)} + 3m_{002}^{(21)}m_{120}^{(22)}m_{220}^{(00)} - 2m_{002}^{(21)}m_{111}^{(00)}m_{130}^{(20)}\\
&+2m_{002}^{(21)}m_{111}^{(00)}m_{121}^{(10)} + 4m_{002}^{(21)}m_{111}^{(10)}m_{220}^{(20)} - 2m_{002}^{(21)}m_{111}^{(10)}m_{211}^{(10)} - 2m_{002}^{(21)}m_{111}^{(10)}m_{121}^{(00)}\\
&-2m_{002}^{(21)}m_{111}^{(11)}m_{310}^{(20)} + 2m_{002}^{(21)}m_{111}^{(11)}m_{211}^{(00)} - 2m_{002}^{(21)}m_{111}^{(20)}m_{220}^{(10)} + 2m_{002}^{(21)}m_{111}^{(20)}m_{130}^{(00)}\\
&+2m_{002}^{(21)}m_{111}^{(21)}m_{310}^{(10)} - 2m_{002}^{(21)}m_{111}^{(21)}m_{220}^{(00)} - m_{002}^{(21)}m_{030}^{(00)}m_{211}^{(20)} + m_{002}^{(21)}m_{030}^{(00)}m_{202}^{(10)}\\
&+m_{002}^{(21)}m_{030}^{(10)}m_{301}^{(20)} - m_{002}^{(21)}m_{030}^{(10)}m_{202}^{(00)} + m_{002}^{(21)}m_{030}^{(20)}m_{310}^{(20)} - 2m_{002}^{(21)}m_{030}^{(20)}m_{301}^{(10)}\\
&+m_{002}^{(21)}m_{030}^{(20)}m_{211}^{(00)} - m_{002}^{(21)}m_{030}^{(21)}m_{400}^{(20)} + m_{002}^{(21)}m_{030}^{(21)}m_{301}^{(00)} + m_{002}^{(21)}m_{030}^{(22)}m_{400}^{(10)}\\
&-m_{002}^{(21)}m_{030}^{(22)}m_{310}^{(00)} + m_{002}^{(21)}m_{021}^{(00)}m_{220}^{(20)} - m_{002}^{(21)}m_{021}^{(00)}m_{211}^{(10)} - 2m_{002}^{(21)}m_{021}^{(10)}m_{310}^{(20)}\\
&+m_{002}^{(21)}m_{021}^{(10)}m_{301}^{(10)} + m_{002}^{(21)}m_{021}^{(10)}m_{211}^{(00)} + m_{002}^{(21)}m_{021}^{(11)}m_{400}^{(20)} - m_{002}^{(21)}m_{021}^{(11)}m_{301}^{(00)}\\
&+m_{002}^{(21)}m_{021}^{(20)}m_{310}^{(10)} - m_{002}^{(21)}m_{021}^{(20)}m_{220}^{(00)} - m_{002}^{(21)}m_{021}^{(21)}m_{400}^{(10)} + m_{002}^{(21)}m_{021}^{(21)}m_{310}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{ccccc}
V1 & 1 & 1 & 1 & V1\\
1 & V2 & 2 & 2 & V3\\
V2 & 2 & V3 & 3 & 3
\end{array}
$$



$$
\begin{aligned}
T_{144} \;=\;& -m_{200}^{(10)} m_{120}^{(10)} m_{013}^{(22)} + m_{200}^{(10)} m_{120}^{(10)} m_{004}^{(21)} + m_{200}^{(10)} m_{120}^{(11)} m_{103}^{(22)} - m_{200}^{(10)} m_{120}^{(11)} m_{004}^{(20)} \\
& + m_{200}^{(10)} m_{120}^{(20)} m_{022}^{(22)} - m_{200}^{(10)} m_{120}^{(20)} m_{013}^{(21)} - m_{200}^{(10)} m_{120}^{(21)} m_{112}^{(22)} - m_{200}^{(10)} m_{120}^{(21)} m_{103}^{(21)} \\
& + 2m_{200}^{(10)} m_{120}^{(21)} m_{013}^{(20)} + m_{200}^{(10)} m_{120}^{(22)} m_{112}^{(21)} - m_{200}^{(10)} m_{120}^{(22)} m_{022}^{(20)} + m_{200}^{(10)} m_{111}^{(10)} m_{022}^{(22)} \\
& - m_{200}^{(10)} m_{111}^{(10)} m_{004}^{(11)} - m_{200}^{(10)} m_{111}^{(11)} m_{112}^{(22)} - m_{200}^{(10)} m_{111}^{(11)} m_{103}^{(21)} + m_{200}^{(10)} m_{111}^{(11)} m_{013}^{(20)} \\
& + m_{200}^{(10)} m_{111}^{(11)} m_{004}^{(10)} - m_{200}^{(10)} m_{111}^{(20)} m_{031}^{(22)} + m_{200}^{(10)} m_{111}^{(20)} m_{013}^{(11)} + m_{200}^{(10)} m_{111}^{(21)} m_{121}^{(22)} \\
& + 2m_{200}^{(10)} m_{111}^{(21)} m_{112}^{(21)} + m_{200}^{(10)} m_{111}^{(21)} m_{103}^{(11)} - 2m_{200}^{(10)} m_{111}^{(21)} m_{022}^{(20)} - 2m_{200}^{(10)} m_{111}^{(21)} m_{013}^{(10)} \\
& - m_{200}^{(10)} m_{111}^{(22)} m_{121}^{(21)} - m_{200}^{(10)} m_{111}^{(22)} m_{112}^{(11)} + m_{200}^{(10)} m_{111}^{(22)} m_{031}^{(20)} + m_{200}^{(10)} m_{111}^{(22)} m_{022}^{(10)} \\
& - m_{200}^{(10)} m_{102}^{(10)} m_{022}^{(21)} + m_{200}^{(10)} m_{102}^{(10)} m_{013}^{(11)} + m_{200}^{(10)} m_{102}^{(11)} m_{112}^{(21)} - m_{200}^{(10)} m_{102}^{(11)} m_{013}^{(10)} \\
& + m_{200}^{(10)} m_{102}^{(20)} m_{031}^{(21)} - m_{200}^{(10)} m_{102}^{(20)} m_{022}^{(11)} - m_{200}^{(10)} m_{102}^{(21)} m_{121}^{(21)} - m_{200}^{(10)} m_{102}^{(21)} m_{112}^{(11)} \\
& + 2m_{200}^{(10)} m_{102}^{(21)} m_{022}^{(10)} + m_{200}^{(10)} m_{102}^{(22)} m_{121}^{(11)} - m_{200}^{(10)} m_{102}^{(22)} m_{031}^{(10)} + m_{200}^{(10)} m_{030}^{(00)} m_{013}^{(22)} \\
& - m_{200}^{(10)} m_{030}^{(00)} m_{004}^{(21)} - m_{200}^{(10)} m_{030}^{(10)} m_{103}^{(22)} + m_{200}^{(10)} m_{030}^{(10)} m_{004}^{(20)} - m_{200}^{(10)} m_{030}^{(20)} m_{112}^{(22)} \\
& + 2m_{200}^{(10)} m_{030}^{(20)} m_{103}^{(21)} - m_{200}^{(10)} m_{030}^{(20)} m_{013}^{(20)} + m_{200}^{(10)} m_{030}^{(21)} m_{202}^{(22)} - m_{200}^{(10)} m_{030}^{(21)} m_{103}^{(20)} \\
& - m_{200}^{(10)} m_{030}^{(22)} m_{202}^{(21)} + m_{200}^{(10)} m_{030}^{(22)} m_{112}^{(20)} - 2m_{200}^{(10)} m_{021}^{(00)} m_{022}^{(22)} + m_{200}^{(10)} m_{021}^{(00)} m_{013}^{(21)} \\
& + m_{200}^{(10)} m_{021}^{(00)} m_{004}^{(11)} + 3m_{200}^{(10)} m_{021}^{(10)} m_{112}^{(22)} - 2m_{200}^{(10)} m_{021}^{(10)} m_{013}^{(20)} - m_{200}^{(10)} m_{021}^{(10)} m_{004}^{(10)} \\
& - m_{200}^{(10)} m_{021}^{(11)} m_{202}^{(22)} + m_{200}^{(10)} m_{021}^{(11)} m_{103}^{(20)} + m_{200}^{(10)} m_{021}^{(20)} m_{121}^{(22)} - 2m_{200}^{(10)} m_{021}^{(20)} m_{112}^{(21)} \\
& - 2m_{200}^{(10)} m_{021}^{(20)} m_{103}^{(11)} + 2m_{200}^{(10)} m_{021}^{(20)} m_{022}^{(20)} + m_{200}^{(10)} m_{021}^{(20)} m_{013}^{(10)} - m_{200}^{(10)} m_{021}^{(21)} m_{211}^{(22)} \\
& + m_{200}^{(10)} m_{021}^{(21)} m_{103}^{(10)} + m_{200}^{(10)} m_{021}^{(22)} m_{211}^{(21)} + m_{200}^{(10)} m_{021}^{(22)} m_{202}^{(11)} - m_{200}^{(10)} m_{021}^{(22)} m_{121}^{(20)} \\
& - m_{200}^{(10)} m_{021}^{(22)} m_{112}^{(10)} + m_{200}^{(10)} m_{012}^{(00)} m_{031}^{(22)} + m_{200}^{(10)} m_{012}^{(00)} m_{022}^{(21)} - 2m_{200}^{(10)} m_{012}^{(00)} m_{013}^{(11)} \\
& - 2m_{200}^{(10)} m_{012}^{(10)} m_{121}^{(22)} - 2m_{200}^{(10)} m_{012}^{(10)} m_{112}^{(21)} + m_{200}^{(10)} m_{012}^{(10)} m_{103}^{(11)} + m_{200}^{(10)} m_{012}^{(10)} m_{022}^{(20)} \\
& + 2m_{200}^{(10)} m_{012}^{(10)} m_{013}^{(10)} + m_{200}^{(10)} m_{012}^{(11)} m_{211}^{(22)} + m_{200}^{(10)} m_{012}^{(11)} m_{202}^{(21)} - m_{200}^{(10)} m_{012}^{(11)} m_{112}^{(20)} \\
& - m_{200}^{(10)} m_{012}^{(11)} m_{103}^{(10)} + 3m_{200}^{(10)} m_{012}^{(20)} m_{112}^{(11)} - m_{200}^{(10)} m_{012}^{(20)} m_{031}^{(20)} - 2m_{200}^{(10)} m_{012}^{(20)} m_{022}^{(10)} \\
& - m_{200}^{(10)} m_{012}^{(21)} m_{202}^{(11)} + m_{200}^{(10)} m_{012}^{(21)} m_{121}^{(20)} - m_{200}^{(10)} m_{012}^{(22)} m_{211}^{(11)} + m_{200}^{(10)} m_{012}^{(22)} m_{121}^{(10)} \\
& - m_{200}^{(10)} m_{003}^{(00)} m_{031}^{(21)} + m_{200}^{(10)} m_{003}^{(00)} m_{022}^{(11)} + 2m_{200}^{(10)} m_{003}^{(10)} m_{121}^{(21)} - m_{200}^{(10)} m_{003}^{(10)} m_{112}^{(11)} \\
& - m_{200}^{(10)} m_{003}^{(10)} m_{022}^{(10)} - m_{200}^{(10)} m_{003}^{(11)} m_{211}^{(21)} + m_{200}^{(10)} m_{003}^{(11)} m_{112}^{(10)} - m_{200}^{(10)} m_{003}^{(20)} m_{121}^{(11)} \\
& + m_{200}^{(10)} m_{003}^{(20)} m_{031}^{(10)} + m_{200}^{(10)} m_{003}^{(21)} m_{211}^{(11)} - m_{200}^{(10)} m_{003}^{(21)} m_{121}^{(10)} + m_{200}^{(11)} m_{210}^{(10)} m_{013}^{(22)} \\
& - m_{200}^{(11)} m_{210}^{(10)} m_{004}^{(21)} - m_{200}^{(11)} m_{210}^{(11)} m_{103}^{(22)} + m_{200}^{(11)} m_{210}^{(11)} m_{004}^{(20)} - m_{200}^{(11)} m_{210}^{(20)} m_{022}^{(22)} \\
& + m_{200}^{(11)} m_{210}^{(20)} m_{013}^{(21)} + m_{200}^{(11)} m_{210}^{(21)} m_{112}^{(22)} + m_{200}^{(11)} m_{210}^{(21)} m_{103}^{(21)} - 2m_{200}^{(11)} m_{210}^{(21)} m_{013}^{(20)} \\
& - m_{200}^{(11)} m_{210}^{(22)} m_{112}^{(21)} + m_{200}^{(11)} m_{210}^{(22)} m_{022}^{(20)} - m_{200}^{(11)} m_{201}^{(10)} m_{022}^{(22)} + m_{200}^{(11)} m_{201}^{(10)} m_{013}^{(21)} \\
& + m_{200}^{(11)} m_{201}^{(11)} m_{112}^{(22)} - m_{200}^{(11)} m_{201}^{(11)} m_{013}^{(20)} + m_{200}^{(11)} m_{201}^{(20)} m_{031}^{(22)} - m_{200}^{(11)} m_{201}^{(20)} m_{022}^{(21)} \\
& - m_{200}^{(11)} m_{201}^{(21)} m_{121}^{(22)} - m_{200}^{(11)} m_{201}^{(21)} m_{112}^{(21)} + 2m_{200}^{(11)} m_{201}^{(21)} m_{022}^{(20)} + m_{200}^{(11)} m_{201}^{(22)} m_{121}^{(21)} \\
& - m_{200}^{(11)} m_{201}^{(22)} m_{031}^{(20)} - m_{200}^{(11)} m_{120}^{(00)} m_{013}^{(22)} + m_{200}^{(11)} m_{120}^{(00)} m_{004}^{(21)} + m_{200}^{(11)} m_{120}^{(10)} m_{103}^{(22)} \\
& - m_{200}^{(11)} m_{120}^{(10)} m_{004}^{(20)} + m_{200}^{(11)} m_{120}^{(20)} m_{112}^{(22)} - 2m_{200}^{(11)} m_{120}^{(20)} m_{103}^{(21)} + m_{200}^{(11)} m_{120}^{(20)} m_{013}^{(20)} \\
& - m_{200}^{(11)} m_{120}^{(21)} m_{202}^{(22)} + m_{200}^{(11)} m_{120}^{(21)} m_{103}^{(20)} + m_{200}^{(11)} m_{120}^{(22)} m_{202}^{(21)} - m_{200}^{(11)} m_{120}^{(22)} m_{112}^{(20)} \\
& + 2m_{200}^{(11)} m_{111}^{(00)} m_{022}^{(22)} - 2m_{200}^{(11)} m_{111}^{(00)} m_{013}^{(21)} - 3m_{200}^{(11)} m_{111}^{(10)} m_{112}^{(22)} + m_{200}^{(11)} m_{111}^{(10)} m_{103}^{(21)} \\
& + m_{200}^{(11)} m_{111}^{(10)} m_{013}^{(20)} + m_{200}^{(11)} m_{111}^{(10)} m_{004}^{(10)} + m_{200}^{(11)} m_{111}^{(11)} m_{202}^{(22)} - m_{200}^{(11)} m_{111}^{(11)} m_{004}^{(00)} \\
& - m_{200}^{(11)} m_{111}^{(20)} m_{121}^{(22)} + 3m_{200}^{(11)} m_{111}^{(20)} m_{112}^{(21)} - m_{200}^{(11)} m_{111}^{(20)} m_{022}^{(20)} - m_{200}^{(11)} m_{111}^{(20)} m_{013}^{(10)} \\
& + m_{200}^{(11)} m_{111}^{(21)} m_{211}^{(22)} - m_{200}^{(11)} m_{111}^{(21)} m_{202}^{(21)} - m_{200}^{(11)} m_{111}^{(21)} m_{112}^{(20)} - m_{200}^{(11)} m_{111}^{(21)} m_{103}^{(10)} \\
& + 2m_{200}^{(11)} m_{111}^{(21)} m_{013}^{(00)} - m_{200}^{(11)} m_{111}^{(22)} m_{211}^{(21)} + m_{200}^{(11)} m_{111}^{(22)} m_{121}^{(20)} + m_{200}^{(11)} m_{111}^{(22)} m_{112}^{(10)}
\end{aligned}
$$

$$
\begin{aligned}
&-m_{200}^{(11)}m_{111}^{(22)}m_{022}^{(00)} - m_{200}^{(11)}m_{102}^{(00)}m_{031}^{(22)} + m_{200}^{(11)}m_{102}^{(00)}m_{022}^{(21)} + 2m_{200}^{(11)}m_{102}^{(10)}m_{121}^{(22)}\\
&-m_{200}^{(11)}m_{102}^{(10)}m_{112}^{(21)} - m_{200}^{(11)}m_{102}^{(10)}m_{013}^{(10)} - m_{200}^{(11)}m_{102}^{(11)}m_{211}^{(22)} + m_{200}^{(11)}m_{102}^{(11)}m_{013}^{(00)}\\
&-m_{200}^{(11)}m_{102}^{(20)}m_{121}^{(21)} + m_{200}^{(11)}m_{102}^{(20)}m_{022}^{(10)} + m_{200}^{(11)}m_{102}^{(21)}m_{211}^{(21)} + m_{200}^{(11)}m_{102}^{(21)}m_{112}^{(10)}\\
&-2m_{200}^{(11)}m_{102}^{(21)}m_{022}^{(00)} - m_{200}^{(11)}m_{102}^{(22)}m_{121}^{(10)} + m_{200}^{(11)}m_{102}^{(22)}m_{031}^{(00)} + m_{200}^{(11)}m_{021}^{(00)}m_{013}^{(20)}\\
&-m_{200}^{(11)}m_{021}^{(00)}m_{004}^{(10)} - m_{200}^{(11)}m_{021}^{(10)}m_{103}^{(20)} + m_{200}^{(11)}m_{021}^{(10)}m_{004}^{(00)} - m_{200}^{(11)}m_{021}^{(20)}m_{112}^{(20)}\\
&+2m_{200}^{(11)}m_{021}^{(20)}m_{103}^{(10)} - m_{200}^{(11)}m_{021}^{(20)}m_{013}^{(00)} + m_{200}^{(11)}m_{021}^{(21)}m_{202}^{(20)} - m_{200}^{(11)}m_{021}^{(21)}m_{103}^{(00)}\\
&-m_{200}^{(11)}m_{021}^{(22)}m_{202}^{(10)} + m_{200}^{(11)}m_{021}^{(22)}m_{112}^{(00)} - 2m_{200}^{(11)}m_{012}^{(00)}m_{022}^{(20)} + 2m_{200}^{(11)}m_{012}^{(00)}m_{013}^{(10)}\\
&+3m_{200}^{(11)}m_{012}^{(10)}m_{112}^{(20)} - m_{200}^{(11)}m_{012}^{(10)}m_{103}^{(10)} - 2m_{200}^{(11)}m_{012}^{(10)}m_{013}^{(00)} - m_{200}^{(11)}m_{012}^{(11)}m_{202}^{(20)}\\
&+m_{200}^{(11)}m_{012}^{(11)}m_{103}^{(00)} + m_{200}^{(11)}m_{012}^{(20)}m_{121}^{(20)} - 3m_{200}^{(11)}m_{012}^{(20)}m_{112}^{(10)} + 2m_{200}^{(11)}m_{012}^{(20)}m_{022}^{(00)}\\
&-m_{200}^{(11)}m_{012}^{(21)}m_{211}^{(20)} + m_{200}^{(11)}m_{012}^{(21)}m_{202}^{(10)} + m_{200}^{(11)}m_{012}^{(22)}m_{211}^{(10)} - m_{200}^{(11)}m_{012}^{(22)}m_{121}^{(00)}\\
&+m_{200}^{(11)}m_{003}^{(00)}m_{031}^{(20)} - m_{200}^{(11)}m_{003}^{(00)}m_{022}^{(10)} - 2m_{200}^{(11)}m_{003}^{(10)}m_{121}^{(20)} + m_{200}^{(11)}m_{003}^{(10)}m_{112}^{(10)}\\
&+m_{200}^{(11)}m_{003}^{(10)}m_{022}^{(00)} + m_{200}^{(11)}m_{003}^{(11)}m_{211}^{(20)} - m_{200}^{(11)}m_{003}^{(11)}m_{112}^{(00)} + m_{200}^{(11)}m_{003}^{(20)}m_{121}^{(10)}\\
&-m_{200}^{(11)}m_{003}^{(20)}m_{031}^{(00)} - m_{200}^{(11)}m_{003}^{(21)}m_{211}^{(10)} + m_{200}^{(11)}m_{003}^{(21)}m_{121}^{(00)} + m_{200}^{(20)}m_{120}^{(10)}m_{022}^{(22)}\\
&-m_{200}^{(20)}m_{120}^{(10)}m_{013}^{(21)} - m_{200}^{(20)}m_{120}^{(11)}m_{112}^{(22)} + m_{200}^{(20)}m_{120}^{(11)}m_{013}^{(20)} - m_{200}^{(20)}m_{120}^{(20)}m_{031}^{(22)}\\
&+m_{200}^{(20)}m_{120}^{(20)}m_{022}^{(21)} + m_{200}^{(20)}m_{120}^{(21)}m_{121}^{(22)} + m_{200}^{(20)}m_{120}^{(21)}m_{112}^{(21)} - 2m_{200}^{(20)}m_{120}^{(21)}m_{022}^{(20)}\\
&-m_{200}^{(20)}m_{120}^{(22)}m_{121}^{(21)} + m_{200}^{(20)}m_{120}^{(22)}m_{031}^{(20)} - m_{200}^{(20)}m_{111}^{(10)}m_{031}^{(22)} + m_{200}^{(20)}m_{111}^{(10)}m_{013}^{(11)}\\
&+m_{200}^{(20)}m_{111}^{(11)}m_{121}^{(22)} + m_{200}^{(20)}m_{111}^{(11)}m_{112}^{(21)} - m_{200}^{(20)}m_{111}^{(11)}m_{022}^{(20)} - m_{200}^{(20)}m_{111}^{(11)}m_{013}^{(10)}\\
&+m_{200}^{(20)}m_{111}^{(20)}m_{040}^{(22)} - m_{200}^{(20)}m_{111}^{(20)}m_{022}^{(11)} - m_{200}^{(20)}m_{111}^{(21)}m_{130}^{(22)} - 2m_{200}^{(20)}m_{111}^{(21)}m_{121}^{(21)}\\
&-m_{200}^{(20)}m_{111}^{(21)}m_{112}^{(11)} + 2m_{200}^{(20)}m_{111}^{(21)}m_{031}^{(20)} + 2m_{200}^{(20)}m_{111}^{(21)}m_{022}^{(10)} + m_{200}^{(20)}m_{111}^{(22)}m_{130}^{(21)}\\
&+m_{200}^{(20)}m_{111}^{(22)}m_{121}^{(11)} - m_{200}^{(20)}m_{111}^{(22)}m_{040}^{(20)} - m_{200}^{(20)}m_{111}^{(22)}m_{031}^{(10)} + m_{200}^{(20)}m_{102}^{(10)}m_{031}^{(21)}\\
&-m_{200}^{(20)}m_{102}^{(10)}m_{022}^{(11)} - m_{200}^{(20)}m_{102}^{(11)}m_{121}^{(21)} + m_{200}^{(20)}m_{102}^{(11)}m_{022}^{(10)} - m_{200}^{(20)}m_{102}^{(20)}m_{040}^{(21)}\\
&+m_{200}^{(20)}m_{102}^{(20)}m_{031}^{(11)} + m_{200}^{(20)}m_{102}^{(21)}m_{130}^{(21)} + m_{200}^{(20)}m_{102}^{(21)}m_{121}^{(11)} - 2m_{200}^{(20)}m_{102}^{(21)}m_{031}^{(10)}\\
&-m_{200}^{(20)}m_{102}^{(22)}m_{130}^{(11)} + m_{200}^{(20)}m_{102}^{(22)}m_{040}^{(10)} - m_{200}^{(20)}m_{030}^{(00)}m_{022}^{(22)} + m_{200}^{(20)}m_{030}^{(00)}m_{013}^{(21)}\\
&+m_{200}^{(20)}m_{030}^{(10)}m_{112}^{(22)} - m_{200}^{(20)}m_{030}^{(10)}m_{013}^{(20)} + m_{200}^{(20)}m_{030}^{(20)}m_{121}^{(22)} - 2m_{200}^{(20)}m_{030}^{(20)}m_{112}^{(21)}\\
&+m_{200}^{(20)}m_{030}^{(20)}m_{022}^{(20)} - m_{200}^{(20)}m_{030}^{(21)}m_{211}^{(22)} + m_{200}^{(20)}m_{030}^{(21)}m_{112}^{(20)} + m_{200}^{(20)}m_{030}^{(22)}m_{211}^{(21)}\\
&-m_{200}^{(20)}m_{030}^{(22)}m_{121}^{(20)} + 2m_{200}^{(20)}m_{021}^{(00)}m_{031}^{(22)} - m_{200}^{(20)}m_{021}^{(00)}m_{022}^{(21)} - m_{200}^{(20)}m_{021}^{(00)}m_{013}^{(11)}\\
&-3m_{200}^{(20)}m_{021}^{(10)}m_{121}^{(22)} + 2m_{200}^{(20)}m_{021}^{(10)}m_{022}^{(20)} + m_{200}^{(20)}m_{021}^{(10)}m_{013}^{(10)} + m_{200}^{(20)}m_{021}^{(11)}m_{211}^{(22)}\\
&-m_{200}^{(20)}m_{021}^{(11)}m_{112}^{(20)} - m_{200}^{(20)}m_{021}^{(20)}m_{130}^{(22)} + 2m_{200}^{(20)}m_{021}^{(20)}m_{121}^{(21)} + 2m_{200}^{(20)}m_{021}^{(20)}m_{112}^{(11)}\\
&-2m_{200}^{(20)}m_{021}^{(20)}m_{031}^{(20)} - m_{200}^{(20)}m_{021}^{(20)}m_{022}^{(10)} + m_{200}^{(20)}m_{021}^{(21)}m_{220}^{(22)} - m_{200}^{(20)}m_{021}^{(21)}m_{112}^{(10)}\\
&-m_{200}^{(20)}m_{021}^{(22)}m_{220}^{(21)} - m_{200}^{(20)}m_{021}^{(22)}m_{211}^{(11)} + m_{200}^{(20)}m_{021}^{(22)}m_{130}^{(20)} + m_{200}^{(20)}m_{021}^{(22)}m_{121}^{(10)}\\
&-m_{200}^{(20)}m_{012}^{(00)}m_{040}^{(22)} - m_{200}^{(20)}m_{012}^{(00)}m_{031}^{(21)} + 2m_{200}^{(20)}m_{012}^{(00)}m_{022}^{(11)} + 2m_{200}^{(20)}m_{012}^{(10)}m_{130}^{(22)}\\
&+2m_{200}^{(20)}m_{012}^{(10)}m_{121}^{(21)} - m_{200}^{(20)}m_{012}^{(10)}m_{112}^{(11)} - m_{200}^{(20)}m_{012}^{(10)}m_{031}^{(20)} - 2m_{200}^{(20)}m_{012}^{(10)}m_{022}^{(10)}\\
&-m_{200}^{(20)}m_{012}^{(11)}m_{220}^{(22)} - m_{200}^{(20)}m_{012}^{(11)}m_{211}^{(21)} + m_{200}^{(20)}m_{012}^{(11)}m_{121}^{(20)} + m_{200}^{(20)}m_{012}^{(11)}m_{112}^{(10)}\\
&-3m_{200}^{(20)}m_{012}^{(20)}m_{121}^{(11)} + m_{200}^{(20)}m_{012}^{(20)}m_{040}^{(20)} + 2m_{200}^{(20)}m_{012}^{(20)}m_{031}^{(10)} + m_{200}^{(20)}m_{012}^{(21)}m_{211}^{(11)}\\
&-m_{200}^{(20)}m_{012}^{(21)}m_{130}^{(20)} + m_{200}^{(20)}m_{012}^{(22)}m_{220}^{(11)} - m_{200}^{(20)}m_{012}^{(22)}m_{130}^{(10)} + m_{200}^{(20)}m_{003}^{(00)}m_{040}^{(21)}\\
&-m_{200}^{(20)}m_{003}^{(00)}m_{031}^{(11)} - 2m_{200}^{(20)}m_{003}^{(10)}m_{130}^{(21)} + m_{200}^{(20)}m_{003}^{(10)}m_{121}^{(11)} + m_{200}^{(20)}m_{003}^{(10)}m_{031}^{(10)}\\
&+m_{200}^{(20)}m_{003}^{(11)}m_{220}^{(21)} - m_{200}^{(20)}m_{003}^{(11)}m_{121}^{(10)} + m_{200}^{(20)}m_{003}^{(20)}m_{130}^{(11)} - m_{200}^{(20)}m_{003}^{(20)}m_{040}^{(10)}\\
&-m_{200}^{(20)}m_{003}^{(21)}m_{220}^{(11)} + m_{200}^{(20)}m_{003}^{(21)}m_{130}^{(10)} - m_{200}^{(21)}m_{210}^{(10)}m_{022}^{(22)} + m_{200}^{(21)}m_{210}^{(10)}m_{004}^{(11)}
\end{aligned}
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\begin{aligned}
&+m_{200}^{(21)}m_{210}^{(11)}m_{112}^{(22)}+m_{200}^{(21)}m_{210}^{(11)}m_{103}^{(21)}-m_{200}^{(21)}m_{210}^{(11)}m_{013}^{(20)}-m_{200}^{(21)}m_{210}^{(11)}m_{004}^{(10)}\\
&+m_{200}^{(21)}m_{210}^{(20)}m_{031}^{(22)}-m_{200}^{(21)}m_{210}^{(20)}m_{013}^{(11)}-m_{200}^{(21)}m_{210}^{(21)}m_{121}^{(22)}-2m_{200}^{(21)}m_{210}^{(21)}m_{112}^{(21)}\\
&-m_{200}^{(21)}m_{210}^{(21)}m_{103}^{(11)}+2m_{200}^{(21)}m_{210}^{(21)}m_{022}^{(20)}+2m_{200}^{(21)}m_{210}^{(21)}m_{013}^{(10)}+m_{200}^{(21)}m_{210}^{(22)}m_{121}^{(21)}\\
&+m_{200}^{(21)}m_{210}^{(22)}m_{112}^{(11)}-m_{200}^{(21)}m_{210}^{(22)}m_{031}^{(20)}-m_{200}^{(21)}m_{210}^{(22)}m_{022}^{(10)}+m_{200}^{(21)}m_{201}^{(10)}m_{031}^{(22)}\\
&-m_{200}^{(21)}m_{201}^{(10)}m_{013}^{(11)}-m_{200}^{(21)}m_{201}^{(11)}m_{121}^{(22)}-m_{200}^{(21)}m_{201}^{(11)}m_{112}^{(21)}+m_{200}^{(21)}m_{201}^{(11)}m_{022}^{(20)}\\
&+m_{200}^{(21)}m_{201}^{(11)}m_{013}^{(10)}-m_{200}^{(21)}m_{201}^{(20)}m_{040}^{(22)}+m_{200}^{(21)}m_{201}^{(20)}m_{022}^{(11)}+m_{200}^{(21)}m_{201}^{(21)}m_{130}^{(22)}\\
&+2m_{200}^{(21)}m_{201}^{(21)}m_{121}^{(21)}+m_{200}^{(21)}m_{201}^{(21)}m_{112}^{(11)}-2m_{200}^{(21)}m_{201}^{(21)}m_{031}^{(20)}-2m_{200}^{(21)}m_{201}^{(21)}m_{022}^{(10)}\\
&-m_{200}^{(21)}m_{201}^{(22)}m_{130}^{(21)}-m_{200}^{(21)}m_{201}^{(22)}m_{121}^{(11)}+m_{200}^{(21)}m_{201}^{(22)}m_{040}^{(20)}+m_{200}^{(21)}m_{201}^{(22)}m_{031}^{(10)}\\
&+m_{200}^{(21)}m_{120}^{(00)}m_{022}^{(22)}-m_{200}^{(21)}m_{120}^{(00)}m_{004}^{(11)}-m_{200}^{(21)}m_{120}^{(10)}m_{112}^{(22)}-m_{200}^{(21)}m_{120}^{(10)}m_{103}^{(21)}\\
&+2m_{200}^{(21)}m_{120}^{(10)}m_{013}^{(20)}-m_{200}^{(21)}m_{120}^{(11)}m_{103}^{(20)}+m_{200}^{(21)}m_{120}^{(11)}m_{004}^{(00)}-m_{200}^{(21)}m_{120}^{(20)}m_{121}^{(22)}\\
&+m_{200}^{(21)}m_{120}^{(20)}m_{112}^{(21)}+2m_{200}^{(21)}m_{120}^{(20)}m_{103}^{(11)}-2m_{200}^{(21)}m_{120}^{(20)}m_{022}^{(20)}+m_{200}^{(21)}m_{120}^{(21)}m_{211}^{(22)}\\
&+m_{200}^{(21)}m_{120}^{(21)}m_{202}^{(21)}-2m_{200}^{(21)}m_{120}^{(21)}m_{013}^{(00)}-m_{200}^{(21)}m_{120}^{(22)}m_{211}^{(21)}-m_{200}^{(21)}m_{120}^{(22)}m_{202}^{(11)}\\
&+m_{200}^{(21)}m_{120}^{(22)}m_{121}^{(20)}+m_{200}^{(21)}m_{120}^{(22)}m_{022}^{(00)}-2m_{200}^{(21)}m_{111}^{(00)}m_{031}^{(22)}+2m_{200}^{(21)}m_{111}^{(00)}m_{013}^{(11)}\\
&+3m_{200}^{(21)}m_{111}^{(10)}m_{121}^{(22)}+2m_{200}^{(21)}m_{111}^{(10)}m_{112}^{(21)}-m_{200}^{(21)}m_{111}^{(10)}m_{103}^{(11)}-2m_{200}^{(21)}m_{111}^{(10)}m_{022}^{(20)}\\
&-2m_{200}^{(21)}m_{111}^{(10)}m_{013}^{(10)}-m_{200}^{(21)}m_{111}^{(11)}m_{211}^{(22)}-m_{200}^{(21)}m_{111}^{(11)}m_{202}^{(21)}+m_{200}^{(21)}m_{111}^{(11)}m_{112}^{(20)}\\
&+m_{200}^{(21)}m_{111}^{(11)}m_{103}^{(10)}+m_{200}^{(21)}m_{111}^{(20)}m_{130}^{(22)}-2m_{200}^{(21)}m_{111}^{(20)}m_{121}^{(21)}-3m_{200}^{(21)}m_{111}^{(20)}m_{112}^{(11)}\\
&+2m_{200}^{(21)}m_{111}^{(20)}m_{031}^{(20)}+2m_{200}^{(21)}m_{111}^{(20)}m_{022}^{(10)}-m_{200}^{(21)}m_{111}^{(21)}m_{220}^{(22)}+m_{200}^{(21)}m_{111}^{(21)}m_{202}^{(11)}\\
&+m_{200}^{(21)}m_{111}^{(22)}m_{220}^{(21)}+m_{200}^{(21)}m_{111}^{(22)}m_{211}^{(11)}-m_{200}^{(21)}m_{111}^{(22)}m_{130}^{(20)}-m_{200}^{(21)}m_{111}^{(22)}m_{121}^{(10)}\\
&+m_{200}^{(21)}m_{102}^{(00)}m_{040}^{(22)}-m_{200}^{(21)}m_{102}^{(00)}m_{022}^{(11)}-2m_{200}^{(21)}m_{102}^{(10)}m_{130}^{(22)}-m_{200}^{(21)}m_{102}^{(10)}m_{121}^{(21)}\\
&+m_{200}^{(21)}m_{102}^{(10)}m_{112}^{(11)}+2m_{200}^{(21)}m_{102}^{(10)}m_{022}^{(10)}+m_{200}^{(21)}m_{102}^{(11)}m_{220}^{(22)}+m_{200}^{(21)}m_{102}^{(11)}m_{211}^{(21)}\\
&-m_{200}^{(21)}m_{102}^{(11)}m_{112}^{(10)}-m_{200}^{(21)}m_{102}^{(11)}m_{022}^{(00)}+m_{200}^{(21)}m_{102}^{(20)}m_{130}^{(21)}+m_{200}^{(21)}m_{102}^{(20)}m_{121}^{(11)}\\
&-2m_{200}^{(21)}m_{102}^{(20)}m_{031}^{(10)}-m_{200}^{(21)}m_{102}^{(21)}m_{220}^{(21)}-m_{200}^{(21)}m_{102}^{(21)}m_{211}^{(11)}+2m_{200}^{(21)}m_{102}^{(21)}m_{031}^{(00)}\\
&+m_{200}^{(21)}m_{102}^{(22)}m_{130}^{(10)}-m_{200}^{(21)}m_{102}^{(22)}m_{040}^{(00)}-m_{200}^{(21)}m_{030}^{(00)}m_{013}^{(20)}+m_{200}^{(21)}m_{030}^{(00)}m_{004}^{(10)}\\
&+m_{200}^{(21)}m_{030}^{(10)}m_{103}^{(20)}-m_{200}^{(21)}m_{030}^{(10)}m_{004}^{(00)}+m_{200}^{(21)}m_{030}^{(20)}m_{112}^{(20)}-2m_{200}^{(21)}m_{030}^{(20)}m_{103}^{(10)}\\
&+m_{200}^{(21)}m_{030}^{(20)}m_{013}^{(00)}-m_{200}^{(21)}m_{030}^{(21)}m_{202}^{(20)}+m_{200}^{(21)}m_{030}^{(21)}m_{103}^{(00)}+m_{200}^{(21)}m_{030}^{(22)}m_{202}^{(10)}\\
&-m_{200}^{(21)}m_{030}^{(22)}m_{112}^{(00)}+m_{200}^{(21)}m_{021}^{(00)}m_{022}^{(20)}-m_{200}^{(21)}m_{021}^{(00)}m_{013}^{(10)}-2m_{200}^{(21)}m_{021}^{(10)}m_{112}^{(20)}\\
&+m_{200}^{(21)}m_{021}^{(10)}m_{103}^{(10)}+m_{200}^{(21)}m_{021}^{(10)}m_{013}^{(00)}+m_{200}^{(21)}m_{021}^{(11)}m_{202}^{(20)}-m_{200}^{(21)}m_{021}^{(11)}m_{103}^{(00)}\\
&+m_{200}^{(21)}m_{021}^{(20)}m_{112}^{(10)}-m_{200}^{(21)}m_{021}^{(20)}m_{022}^{(00)}-m_{200}^{(21)}m_{021}^{(21)}m_{202}^{(10)}+m_{200}^{(21)}m_{021}^{(21)}m_{112}^{(00)}\\
&+m_{200}^{(21)}m_{012}^{(00)}m_{031}^{(20)}-m_{200}^{(21)}m_{012}^{(00)}m_{022}^{(10)}-m_{200}^{(21)}m_{012}^{(10)}m_{121}^{(20)}+m_{200}^{(21)}m_{012}^{(10)}m_{022}^{(00)}\\
&-m_{200}^{(21)}m_{012}^{(20)}m_{130}^{(20)}+2m_{200}^{(21)}m_{012}^{(20)}m_{121}^{(10)}-m_{200}^{(21)}m_{012}^{(20)}m_{031}^{(00)}+m_{200}^{(21)}m_{012}^{(21)}m_{220}^{(20)}\\
&-m_{200}^{(21)}m_{012}^{(21)}m_{121}^{(00)}-m_{200}^{(21)}m_{012}^{(22)}m_{220}^{(10)}+m_{200}^{(21)}m_{012}^{(22)}m_{130}^{(00)}-m_{200}^{(21)}m_{003}^{(00)}m_{040}^{(20)}\\
&+m_{200}^{(21)}m_{003}^{(00)}m_{031}^{(10)}+2m_{200}^{(21)}m_{003}^{(10)}m_{130}^{(20)}-m_{200}^{(21)}m_{003}^{(10)}m_{121}^{(10)}-m_{200}^{(21)}m_{003}^{(10)}m_{031}^{(00)}\\
&-m_{200}^{(21)}m_{003}^{(11)}m_{220}^{(20)}+m_{200}^{(21)}m_{003}^{(11)}m_{121}^{(00)}-m_{200}^{(21)}m_{003}^{(20)}m_{130}^{(10)}+m_{200}^{(21)}m_{003}^{(20)}m_{040}^{(00)}\\
&+m_{200}^{(21)}m_{003}^{(21)}m_{220}^{(10)}-m_{200}^{(21)}m_{003}^{(21)}m_{130}^{(00)}+m_{200}^{(22)}m_{210}^{(10)}m_{022}^{(21)}-m_{200}^{(22)}m_{210}^{(10)}m_{013}^{(11)}\\
&-m_{200}^{(22)}m_{210}^{(11)}m_{112}^{(21)}+m_{200}^{(22)}m_{210}^{(11)}m_{013}^{(10)}-m_{200}^{(22)}m_{210}^{(20)}m_{031}^{(21)}+m_{200}^{(22)}m_{210}^{(20)}m_{022}^{(11)}\\
&+m_{200}^{(22)}m_{210}^{(21)}m_{121}^{(21)}+m_{200}^{(22)}m_{210}^{(21)}m_{112}^{(11)}-2m_{200}^{(22)}m_{210}^{(21)}m_{022}^{(10)}-m_{200}^{(22)}m_{210}^{(22)}m_{121}^{(11)}\\
&+m_{200}^{(22)}m_{210}^{(22)}m_{031}^{(10)}-m_{200}^{(22)}m_{201}^{(10)}m_{031}^{(21)}+m_{200}^{(22)}m_{201}^{(10)}m_{022}^{(11)}+m_{200}^{(22)}m_{201}^{(11)}m_{121}^{(21)}\\
&-m_{200}^{(22)}m_{201}^{(11)}m_{022}^{(10)}+m_{200}^{(22)}m_{201}^{(20)}m_{040}^{(21)}-m_{200}^{(22)}m_{201}^{(20)}m_{031}^{(11)}-m_{200}^{(22)}m_{201}^{(21)}m_{130}^{(21)}
\end{aligned}
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\begin{aligned}
&-m_{200}^{(22)}m_{201}^{(21)}m_{121}^{(11)}+2m_{200}^{(22)}m_{201}^{(21)}m_{031}^{(10)}+m_{200}^{(22)}m_{201}^{(22)}m_{130}^{(11)}-m_{200}^{(22)}m_{201}^{(22)}m_{040}^{(10)}\\
&-m_{200}^{(22)}m_{120}^{(00)}m_{022}^{(21)}+m_{200}^{(22)}m_{120}^{(00)}m_{013}^{(11)}+m_{200}^{(22)}m_{120}^{(10)}m_{112}^{(21)}-m_{200}^{(22)}m_{120}^{(10)}m_{022}^{(20)}\\
&+m_{200}^{(22)}m_{120}^{(11)}m_{112}^{(20)}-m_{200}^{(22)}m_{120}^{(11)}m_{013}^{(00)}+m_{200}^{(22)}m_{120}^{(20)}m_{121}^{(21)}-2m_{200}^{(22)}m_{120}^{(20)}m_{112}^{(11)}\\
&+m_{200}^{(22)}m_{120}^{(20)}m_{031}^{(20)}-m_{200}^{(22)}m_{120}^{(21)}m_{211}^{(21)}-m_{200}^{(22)}m_{120}^{(21)}m_{121}^{(20)}+2m_{200}^{(22)}m_{120}^{(21)}m_{022}^{(00)}\\
&+m_{200}^{(22)}m_{120}^{(22)}m_{211}^{(11)}-m_{200}^{(22)}m_{120}^{(22)}m_{031}^{(00)}+2m_{200}^{(22)}m_{111}^{(00)}m_{031}^{(21)}-2m_{200}^{(22)}m_{111}^{(00)}m_{022}^{(11)}\\
&-3m_{200}^{(22)}m_{111}^{(10)}m_{121}^{(21)}+m_{200}^{(22)}m_{111}^{(10)}m_{112}^{(11)}+m_{200}^{(22)}m_{111}^{(10)}m_{031}^{(20)}+m_{200}^{(22)}m_{111}^{(10)}m_{022}^{(10)}\\
&+m_{200}^{(22)}m_{111}^{(11)}m_{211}^{(21)}-m_{200}^{(22)}m_{111}^{(11)}m_{121}^{(20)}-m_{200}^{(22)}m_{111}^{(11)}m_{112}^{(10)}+m_{200}^{(22)}m_{111}^{(11)}m_{022}^{(00)}\\
&-m_{200}^{(22)}m_{111}^{(20)}m_{130}^{(21)}+3m_{200}^{(22)}m_{111}^{(20)}m_{121}^{(11)}-m_{200}^{(22)}m_{111}^{(20)}m_{040}^{(20)}-m_{200}^{(22)}m_{111}^{(20)}m_{031}^{(10)}\\
&+m_{200}^{(22)}m_{111}^{(21)}m_{220}^{(21)}-m_{200}^{(22)}m_{111}^{(21)}m_{211}^{(11)}+m_{200}^{(22)}m_{111}^{(21)}m_{130}^{(20)}+m_{200}^{(22)}m_{111}^{(21)}m_{121}^{(10)}\\
&-2m_{200}^{(22)}m_{111}^{(21)}m_{031}^{(00)}-m_{200}^{(22)}m_{111}^{(22)}m_{220}^{(11)}+m_{200}^{(22)}m_{111}^{(22)}m_{040}^{(00)}-m_{200}^{(22)}m_{102}^{(00)}m_{040}^{(21)}\\
&+m_{200}^{(22)}m_{102}^{(00)}m_{031}^{(11)}+2m_{200}^{(22)}m_{102}^{(10)}m_{130}^{(21)}-m_{200}^{(22)}m_{102}^{(10)}m_{121}^{(11)}-m_{200}^{(22)}m_{102}^{(10)}m_{031}^{(10)}\\
&-m_{200}^{(22)}m_{102}^{(11)}m_{220}^{(21)}+m_{200}^{(22)}m_{102}^{(11)}m_{121}^{(10)}-m_{200}^{(22)}m_{102}^{(20)}m_{130}^{(11)}+m_{200}^{(22)}m_{102}^{(20)}m_{040}^{(10)}\\
&+m_{200}^{(22)}m_{102}^{(21)}m_{220}^{(11)}-m_{200}^{(22)}m_{102}^{(21)}m_{130}^{(10)}+m_{200}^{(22)}m_{030}^{(00)}m_{022}^{(20)}-m_{200}^{(22)}m_{030}^{(00)}m_{013}^{(10)}\\
&-m_{200}^{(22)}m_{030}^{(10)}m_{112}^{(20)}+m_{200}^{(22)}m_{030}^{(10)}m_{013}^{(00)}-m_{200}^{(22)}m_{030}^{(20)}m_{121}^{(20)}+2m_{200}^{(22)}m_{030}^{(20)}m_{112}^{(10)}\\
&-m_{200}^{(22)}m_{030}^{(20)}m_{022}^{(00)}+m_{200}^{(22)}m_{030}^{(21)}m_{211}^{(20)}-m_{200}^{(22)}m_{030}^{(21)}m_{112}^{(00)}-m_{200}^{(22)}m_{030}^{(22)}m_{211}^{(10)}\\
&+m_{200}^{(22)}m_{030}^{(22)}m_{121}^{(00)}-2m_{200}^{(22)}m_{021}^{(00)}m_{031}^{(20)}+2m_{200}^{(22)}m_{021}^{(00)}m_{022}^{(10)}+3m_{200}^{(22)}m_{021}^{(10)}m_{121}^{(20)}\\
&-m_{200}^{(22)}m_{021}^{(10)}m_{112}^{(10)}-2m_{200}^{(22)}m_{021}^{(10)}m_{022}^{(00)}-m_{200}^{(22)}m_{021}^{(11)}m_{211}^{(20)}+m_{200}^{(22)}m_{021}^{(11)}m_{112}^{(00)}\\
&+m_{200}^{(22)}m_{021}^{(20)}m_{130}^{(20)}-3m_{200}^{(22)}m_{021}^{(20)}m_{121}^{(10)}+2m_{200}^{(22)}m_{021}^{(20)}m_{031}^{(00)}-m_{200}^{(22)}m_{021}^{(21)}m_{220}^{(20)}\\
&+m_{200}^{(22)}m_{021}^{(21)}m_{211}^{(10)}+m_{200}^{(22)}m_{021}^{(22)}m_{220}^{(10)}-m_{200}^{(22)}m_{021}^{(22)}m_{130}^{(00)}+m_{200}^{(22)}m_{012}^{(00)}m_{040}^{(20)}\\
&-m_{200}^{(22)}m_{012}^{(00)}m_{031}^{(10)}-2m_{200}^{(22)}m_{012}^{(10)}m_{130}^{(20)}+m_{200}^{(22)}m_{012}^{(10)}m_{121}^{(10)}+m_{200}^{(22)}m_{012}^{(10)}m_{031}^{(00)}\\
&+m_{200}^{(22)}m_{012}^{(11)}m_{220}^{(20)}-m_{200}^{(22)}m_{012}^{(11)}m_{121}^{(00)}+m_{200}^{(22)}m_{012}^{(20)}m_{130}^{(10)}-m_{200}^{(22)}m_{012}^{(20)}m_{040}^{(00)}\\
&-m_{200}^{(22)}m_{012}^{(21)}m_{220}^{(10)}+m_{200}^{(22)}m_{012}^{(21)}m_{130}^{(00)}+m_{110}^{(00)}m_{120}^{(10)}m_{013}^{(22)}-m_{110}^{(00)}m_{120}^{(10)}m_{004}^{(21)}\\
&-m_{110}^{(00)}m_{120}^{(11)}m_{103}^{(22)}+m_{110}^{(00)}m_{120}^{(11)}m_{004}^{(20)}-m_{110}^{(00)}m_{120}^{(20)}m_{022}^{(22)}+m_{110}^{(00)}m_{120}^{(20)}m_{013}^{(21)}\\
&+m_{110}^{(00)}m_{120}^{(21)}m_{112}^{(22)}+m_{110}^{(00)}m_{120}^{(21)}m_{103}^{(21)}-2m_{110}^{(00)}m_{120}^{(21)}m_{013}^{(20)}-m_{110}^{(00)}m_{120}^{(22)}m_{112}^{(21)}\\
&+m_{110}^{(00)}m_{120}^{(22)}m_{022}^{(20)}-m_{110}^{(00)}m_{111}^{(10)}m_{022}^{(22)}+m_{110}^{(00)}m_{111}^{(10)}m_{004}^{(11)}+m_{110}^{(00)}m_{111}^{(11)}m_{112}^{(22)}\\
&+m_{110}^{(00)}m_{111}^{(11)}m_{103}^{(21)}-m_{110}^{(00)}m_{111}^{(11)}m_{013}^{(20)}-m_{110}^{(00)}m_{111}^{(11)}m_{004}^{(10)}+m_{110}^{(00)}m_{111}^{(20)}m_{031}^{(22)}\\
&-m_{110}^{(00)}m_{111}^{(20)}m_{013}^{(11)}-m_{110}^{(00)}m_{111}^{(21)}m_{121}^{(22)}-2m_{110}^{(00)}m_{111}^{(21)}m_{112}^{(21)}-m_{110}^{(00)}m_{111}^{(21)}m_{103}^{(11)}\\
&+2m_{110}^{(00)}m_{111}^{(21)}m_{022}^{(20)}+2m_{110}^{(00)}m_{111}^{(21)}m_{013}^{(10)}+m_{110}^{(00)}m_{111}^{(22)}m_{121}^{(21)}+m_{110}^{(00)}m_{111}^{(22)}m_{112}^{(11)}\\
&-m_{110}^{(00)}m_{111}^{(22)}m_{031}^{(20)}-m_{110}^{(00)}m_{111}^{(22)}m_{022}^{(10)}+m_{110}^{(00)}m_{102}^{(10)}m_{022}^{(21)}-m_{110}^{(00)}m_{102}^{(10)}m_{013}^{(11)}\\
&-m_{110}^{(00)}m_{102}^{(11)}m_{112}^{(21)}+m_{110}^{(00)}m_{102}^{(11)}m_{013}^{(10)}-m_{110}^{(00)}m_{102}^{(20)}m_{031}^{(21)}+m_{110}^{(00)}m_{102}^{(20)}m_{022}^{(11)}\\
&+m_{110}^{(00)}m_{102}^{(21)}m_{121}^{(21)}+m_{110}^{(00)}m_{102}^{(21)}m_{112}^{(11)}-2m_{110}^{(00)}m_{102}^{(21)}m_{022}^{(10)}-m_{110}^{(00)}m_{102}^{(22)}m_{121}^{(11)}\\
&+m_{110}^{(00)}m_{102}^{(22)}m_{031}^{(10)}-m_{110}^{(00)}m_{030}^{(00)}m_{013}^{(22)}+m_{110}^{(00)}m_{030}^{(00)}m_{004}^{(21)}+m_{110}^{(00)}m_{030}^{(10)}m_{103}^{(22)}\\
&-m_{110}^{(00)}m_{030}^{(10)}m_{004}^{(20)}+m_{110}^{(00)}m_{030}^{(20)}m_{112}^{(22)}-2m_{110}^{(00)}m_{030}^{(20)}m_{103}^{(21)}+m_{110}^{(00)}m_{030}^{(20)}m_{013}^{(20)}\\
&-m_{110}^{(00)}m_{030}^{(21)}m_{202}^{(22)}+m_{110}^{(00)}m_{030}^{(21)}m_{103}^{(20)}+m_{110}^{(00)}m_{030}^{(22)}m_{202}^{(21)}-m_{110}^{(00)}m_{030}^{(22)}m_{112}^{(20)}\\
&+2m_{110}^{(00)}m_{021}^{(00)}m_{022}^{(22)}-m_{110}^{(00)}m_{021}^{(00)}m_{013}^{(21)}-m_{110}^{(00)}m_{021}^{(00)}m_{004}^{(11)}-3m_{110}^{(00)}m_{021}^{(10)}m_{112}^{(22)}\\
&+2m_{110}^{(00)}m_{021}^{(10)}m_{013}^{(20)}+m_{110}^{(00)}m_{021}^{(10)}m_{004}^{(10)}+m_{110}^{(00)}m_{021}^{(11)}m_{202}^{(22)}-m_{110}^{(00)}m_{021}^{(11)}m_{103}^{(20)}\\
&-m_{110}^{(00)}m_{021}^{(20)}m_{121}^{(22)}+2m_{110}^{(00)}m_{021}^{(20)}m_{112}^{(21)}+2m_{110}^{(00)}m_{021}^{(20)}m_{103}^{(11)}-2m_{110}^{(00)}m_{021}^{(20)}m_{022}^{(20)}\\
&-m_{110}^{(00)}m_{021}^{(20)}m_{013}^{(10)}+m_{110}^{(00)}m_{021}^{(21)}m_{211}^{(22)}-m_{110}^{(00)}m_{021}^{(21)}m_{103}^{(10)}-m_{110}^{(00)}m_{021}^{(22)}m_{211}^{(21)}
\end{aligned}
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\begin{aligned}
&-m_{110}^{(00)}m_{021}^{(22)}m_{202}^{(11)}+m_{110}^{(00)}m_{021}^{(22)}m_{121}^{(20)}+m_{110}^{(00)}m_{021}^{(22)}m_{112}^{(10)}-m_{110}^{(00)}m_{012}^{(00)}m_{031}^{(22)}\\
&-m_{110}^{(00)}m_{012}^{(00)}m_{022}^{(21)}+2m_{110}^{(00)}m_{012}^{(00)}m_{013}^{(11)}+2m_{110}^{(00)}m_{012}^{(10)}m_{121}^{(22)}+2m_{110}^{(00)}m_{012}^{(10)}m_{112}^{(21)}\\
&-m_{110}^{(00)}m_{012}^{(10)}m_{103}^{(11)}-m_{110}^{(00)}m_{012}^{(10)}m_{022}^{(20)}-2m_{110}^{(00)}m_{012}^{(10)}m_{013}^{(10)}-m_{110}^{(00)}m_{012}^{(11)}m_{211}^{(22)}\\
&-m_{110}^{(00)}m_{012}^{(11)}m_{202}^{(21)}+m_{110}^{(00)}m_{012}^{(11)}m_{112}^{(20)}+m_{110}^{(00)}m_{012}^{(11)}m_{103}^{(10)}-3m_{110}^{(00)}m_{012}^{(10)}m_{112}^{(11)}\\
&+m_{110}^{(00)}m_{012}^{(20)}m_{031}^{(20)}+2m_{110}^{(00)}m_{012}^{(20)}m_{022}^{(10)}+m_{110}^{(00)}m_{012}^{(21)}m_{202}^{(11)}-m_{110}^{(00)}m_{012}^{(21)}m_{121}^{(20)}\\
&+m_{110}^{(00)}m_{012}^{(22)}m_{211}^{(11)}-m_{110}^{(00)}m_{012}^{(22)}m_{121}^{(10)}+m_{110}^{(00)}m_{003}^{(00)}m_{031}^{(21)}-m_{110}^{(00)}m_{003}^{(00)}m_{022}^{(11)}\\
&-2m_{110}^{(00)}m_{003}^{(10)}m_{121}^{(21)}+m_{110}^{(00)}m_{003}^{(10)}m_{112}^{(11)}+m_{110}^{(00)}m_{003}^{(10)}m_{022}^{(10)}+m_{110}^{(00)}m_{003}^{(11)}m_{211}^{(21)}\\
&-m_{110}^{(00)}m_{003}^{(11)}m_{112}^{(10)}+m_{110}^{(00)}m_{003}^{(20)}m_{121}^{(11)}-m_{110}^{(00)}m_{003}^{(20)}m_{031}^{(10)}-m_{110}^{(00)}m_{003}^{(21)}m_{211}^{(11)}\\
&+m_{110}^{(00)}m_{003}^{(21)}m_{121}^{(10)}+m_{110}^{(10)}m_{201}^{(10)}m_{022}^{(22)}-2m_{110}^{(10)}m_{201}^{(10)}m_{013}^{(21)}+m_{110}^{(10)}m_{201}^{(10)}m_{004}^{(11)}\\
&-m_{110}^{(10)}m_{201}^{(11)}m_{112}^{(22)}+m_{110}^{(10)}m_{201}^{(11)}m_{103}^{(21)}+m_{110}^{(10)}m_{201}^{(11)}m_{013}^{(20)}-m_{110}^{(10)}m_{201}^{(11)}m_{004}^{(10)}\\
&-m_{110}^{(10)}m_{201}^{(20)}m_{031}^{(22)}+2m_{110}^{(10)}m_{201}^{(20)}m_{022}^{(21)}-m_{110}^{(10)}m_{201}^{(20)}m_{013}^{(11)}+m_{110}^{(10)}m_{201}^{(21)}m_{121}^{(22)}\\
&-m_{110}^{(10)}m_{201}^{(21)}m_{103}^{(11)}-2m_{110}^{(10)}m_{201}^{(21)}m_{022}^{(20)}+2m_{110}^{(10)}m_{201}^{(21)}m_{013}^{(10)}-m_{110}^{(10)}m_{201}^{(22)}m_{121}^{(21)}\\
&+m_{110}^{(10)}m_{201}^{(22)}m_{112}^{(11)}+m_{110}^{(10)}m_{201}^{(22)}m_{031}^{(20)}-m_{110}^{(10)}m_{201}^{(22)}m_{022}^{(10)}-m_{110}^{(10)}m_{111}^{(00)}m_{022}^{(22)}\\
&+2m_{110}^{(10)}m_{111}^{(00)}m_{013}^{(21)}-m_{110}^{(10)}m_{111}^{(00)}m_{004}^{(11)}+m_{110}^{(10)}m_{111}^{(11)}m_{202}^{(22)}-2m_{110}^{(10)}m_{111}^{(11)}m_{103}^{(20)}\\
&+m_{110}^{(10)}m_{111}^{(11)}m_{004}^{(00)}+2m_{110}^{(10)}m_{111}^{(20)}m_{121}^{(22)}-4m_{110}^{(10)}m_{111}^{(20)}m_{112}^{(21)}+2m_{110}^{(10)}m_{111}^{(20)}m_{103}^{(11)}\\
&-2m_{110}^{(10)}m_{111}^{(21)}m_{211}^{(22)}+4m_{110}^{(10)}m_{111}^{(21)}m_{112}^{(20)}-2m_{110}^{(10)}m_{111}^{(21)}m_{013}^{(00)}+2m_{110}^{(10)}m_{111}^{(22)}m_{211}^{(21)}\\
&-m_{110}^{(10)}m_{111}^{(22)}m_{202}^{(11)}-2m_{110}^{(10)}m_{111}^{(22)}m_{121}^{(20)}+m_{110}^{(10)}m_{111}^{(22)}m_{022}^{(00)}+m_{110}^{(10)}m_{102}^{(00)}m_{031}^{(22)}\\
&-2m_{110}^{(10)}m_{102}^{(00)}m_{022}^{(21)}+m_{110}^{(10)}m_{102}^{(00)}m_{013}^{(11)}-2m_{110}^{(10)}m_{102}^{(10)}m_{121}^{(22)}+4m_{110}^{(10)}m_{102}^{(10)}m_{112}^{(21)}\\
&-2m_{110}^{(10)}m_{102}^{(10)}m_{103}^{(11)}+m_{110}^{(10)}m_{102}^{(11)}m_{211}^{(22)}-2m_{110}^{(10)}m_{102}^{(11)}m_{202}^{(21)}+2m_{110}^{(10)}m_{102}^{(11)}m_{103}^{(10)}\\
&-m_{110}^{(10)}m_{102}^{(11)}m_{013}^{(00)}+2m_{110}^{(10)}m_{102}^{(21)}m_{202}^{(11)}-4m_{110}^{(10)}m_{102}^{(21)}m_{112}^{(10)}+2m_{110}^{(10)}m_{102}^{(21)}m_{022}^{(00)}\\
&-m_{110}^{(10)}m_{102}^{(22)}m_{211}^{(11)}+2m_{110}^{(10)}m_{102}^{(22)}m_{121}^{(10)}-m_{110}^{(10)}m_{102}^{(22)}m_{031}^{(00)}+m_{110}^{(10)}m_{021}^{(00)}m_{112}^{(22)}\\
&-m_{110}^{(10)}m_{021}^{(00)}m_{103}^{(21)}-m_{110}^{(10)}m_{021}^{(00)}m_{013}^{(20)}+m_{110}^{(10)}m_{021}^{(00)}m_{004}^{(10)}-m_{110}^{(10)}m_{021}^{(10)}m_{202}^{(22)}\\
&+2m_{110}^{(10)}m_{021}^{(10)}m_{103}^{(20)}-m_{110}^{(10)}m_{021}^{(10)}m_{004}^{(00)}-m_{110}^{(10)}m_{021}^{(20)}m_{211}^{(22)}+2m_{110}^{(10)}m_{021}^{(20)}m_{202}^{(21)}\\
&-2m_{110}^{(10)}m_{021}^{(20)}m_{103}^{(10)}+m_{110}^{(10)}m_{021}^{(20)}m_{013}^{(00)}+m_{110}^{(10)}m_{021}^{(21)}m_{301}^{(22)}-2m_{110}^{(10)}m_{021}^{(21)}m_{202}^{(20)}\\
&+m_{110}^{(10)}m_{021}^{(21)}m_{103}^{(00)}-m_{110}^{(10)}m_{021}^{(22)}m_{301}^{(21)}+m_{110}^{(10)}m_{021}^{(22)}m_{211}^{(20)}+m_{110}^{(10)}m_{021}^{(22)}m_{202}^{(10)}\\
&-m_{110}^{(10)}m_{021}^{(22)}m_{112}^{(00)}-m_{110}^{(10)}m_{012}^{(00)}m_{121}^{(22)}+m_{110}^{(10)}m_{012}^{(00)}m_{103}^{(11)}+2m_{110}^{(10)}m_{012}^{(00)}m_{022}^{(20)}\\
&-2m_{110}^{(10)}m_{012}^{(00)}m_{013}^{(10)}+2m_{110}^{(10)}m_{012}^{(10)}m_{211}^{(22)}-4m_{110}^{(10)}m_{012}^{(10)}m_{112}^{(20)}+2m_{110}^{(10)}m_{012}^{(10)}m_{013}^{(00)}\\
&-m_{110}^{(10)}m_{012}^{(11)}m_{301}^{(22)}+2m_{110}^{(10)}m_{012}^{(11)}m_{202}^{(20)}-m_{110}^{(10)}m_{012}^{(11)}m_{103}^{(00)}-2m_{110}^{(10)}m_{012}^{(20)}m_{202}^{(11)}\\
&+4m_{110}^{(10)}m_{012}^{(20)}m_{112}^{(10)}-2m_{110}^{(10)}m_{012}^{(20)}m_{022}^{(00)}+m_{110}^{(10)}m_{012}^{(22)}m_{301}^{(11)}-2m_{110}^{(10)}m_{012}^{(22)}m_{211}^{(10)}\\
&+m_{110}^{(10)}m_{012}^{(22)}m_{121}^{(00)}+m_{110}^{(10)}m_{003}^{(00)}m_{121}^{(21)}-m_{110}^{(10)}m_{003}^{(00)}m_{112}^{(11)}-m_{110}^{(10)}m_{003}^{(00)}m_{031}^{(20)}\\
&+m_{110}^{(10)}m_{003}^{(00)}m_{022}^{(10)}-2m_{110}^{(10)}m_{003}^{(10)}m_{211}^{(21)}+m_{110}^{(10)}m_{003}^{(10)}m_{202}^{(11)}+2m_{110}^{(10)}m_{003}^{(10)}m_{121}^{(20)}\\
&-m_{110}^{(10)}m_{003}^{(10)}m_{022}^{(00)}+m_{110}^{(10)}m_{003}^{(11)}m_{301}^{(21)}-m_{110}^{(10)}m_{003}^{(11)}m_{211}^{(20)}-m_{110}^{(10)}m_{003}^{(11)}m_{202}^{(10)}\\
&+m_{110}^{(10)}m_{003}^{(11)}m_{112}^{(00)}+m_{110}^{(10)}m_{003}^{(20)}m_{211}^{(11)}-2m_{110}^{(10)}m_{003}^{(20)}m_{121}^{(10)}+m_{110}^{(10)}m_{003}^{(20)}m_{031}^{(00)}\\
&-m_{110}^{(10)}m_{003}^{(21)}m_{301}^{(11)}+2m_{110}^{(10)}m_{003}^{(21)}m_{211}^{(10)}-m_{110}^{(10)}m_{003}^{(21)}m_{121}^{(00)}-m_{110}^{(11)}m_{300}^{(10)}m_{013}^{(22)}\\
&+m_{110}^{(11)}m_{300}^{(10)}m_{004}^{(21)}+m_{110}^{(11)}m_{300}^{(11)}m_{103}^{(22)}-m_{110}^{(11)}m_{300}^{(11)}m_{004}^{(20)}+m_{110}^{(11)}m_{300}^{(20)}m_{022}^{(22)}\\
&-m_{110}^{(11)}m_{300}^{(20)}m_{013}^{(21)}-m_{110}^{(11)}m_{300}^{(21)}m_{112}^{(22)}-m_{110}^{(11)}m_{300}^{(21)}m_{103}^{(21)}+2m_{110}^{(11)}m_{300}^{(21)}m_{013}^{(20)}\\
&+m_{110}^{(11)}m_{300}^{(22)}m_{112}^{(21)}-m_{110}^{(11)}m_{300}^{(22)}m_{022}^{(20)}+m_{110}^{(11)}m_{210}^{(00)}m_{013}^{(22)}-m_{110}^{(11)}m_{210}^{(00)}m_{004}^{(21)}\\
&-m_{110}^{(11)}m_{210}^{(10)}m_{103}^{(22)}+m_{110}^{(11)}m_{210}^{(10)}m_{004}^{(20)}-m_{110}^{(11)}m_{210}^{(20)}m_{112}^{(22)}+2m_{110}^{(11)}m_{210}^{(20)}m_{103}^{(21)}
\end{aligned}
$$

$$
\begin{aligned}
&-m_{110}^{(11)}m_{210}^{(20)}m_{013}^{(20)} + m_{110}^{(11)}m_{210}^{(21)}m_{202}^{(22)} - m_{110}^{(11)}m_{210}^{(21)}m_{103}^{(20)} - m_{110}^{(11)}m_{210}^{(22)}m_{202}^{(21)}\\
&+m_{110}^{(11)}m_{210}^{(22)}m_{112}^{(20)} - m_{110}^{(11)}m_{201}^{(00)}m_{022}^{(22)} + m_{110}^{(11)}m_{201}^{(00)}m_{013}^{(21)} + 3m_{110}^{(11)}m_{201}^{(10)}m_{112}^{(22)}\\
&-2m_{110}^{(11)}m_{201}^{(10)}m_{103}^{(21)} - m_{110}^{(11)}m_{201}^{(10)}m_{004}^{(10)} - 2m_{110}^{(11)}m_{201}^{(11)}m_{202}^{(22)} + m_{110}^{(11)}m_{201}^{(11)}m_{103}^{(20)}\\
&+m_{110}^{(11)}m_{201}^{(11)}m_{004}^{(00)} - m_{110}^{(11)}m_{201}^{(20)}m_{121}^{(22)} + m_{110}^{(11)}m_{201}^{(20)}m_{013}^{(10)} + m_{110}^{(11)}m_{201}^{(21)}m_{211}^{(22)}\\
&+2m_{110}^{(11)}m_{201}^{(21)}m_{202}^{(21)} - 2m_{110}^{(11)}m_{201}^{(21)}m_{112}^{(20)} + m_{110}^{(11)}m_{201}^{(21)}m_{103}^{(10)} - 2m_{110}^{(11)}m_{201}^{(21)}m_{013}^{(00)}\\
&-m_{110}^{(11)}m_{201}^{(22)}m_{211}^{(21)} + m_{110}^{(11)}m_{201}^{(22)}m_{121}^{(20)} - m_{110}^{(11)}m_{201}^{(22)}m_{112}^{(10)} + m_{110}^{(11)}m_{201}^{(22)}m_{022}^{(00)}\\
&-m_{110}^{(11)}m_{111}^{(00)}m_{112}^{(22)} + m_{110}^{(11)}m_{111}^{(00)}m_{103}^{(21)} - m_{110}^{(11)}m_{111}^{(00)}m_{013}^{(20)} + m_{110}^{(11)}m_{111}^{(00)}m_{004}^{(10)}\\
&+m_{110}^{(11)}m_{111}^{(10)}m_{202}^{(22)} - m_{110}^{(11)}m_{111}^{(10)}m_{004}^{(00)} + m_{110}^{(11)}m_{111}^{(20)}m_{211}^{(22)} - 2m_{110}^{(11)}m_{111}^{(20)}m_{202}^{(21)}\\
&+2m_{110}^{(11)}m_{111}^{(20)}m_{112}^{(20)} - 2m_{110}^{(11)}m_{111}^{(20)}m_{103}^{(10)} + m_{110}^{(11)}m_{111}^{(20)}m_{013}^{(00)} - m_{110}^{(11)}m_{111}^{(21)}m_{301}^{(22)}\\
&+m_{110}^{(11)}m_{111}^{(21)}m_{103}^{(00)} + m_{110}^{(11)}m_{111}^{(22)}m_{301}^{(21)} - m_{110}^{(11)}m_{111}^{(22)}m_{211}^{(20)} + m_{110}^{(11)}m_{111}^{(22)}m_{202}^{(10)}\\
&-m_{110}^{(11)}m_{111}^{(22)}m_{112}^{(00)} + m_{110}^{(11)}m_{102}^{(00)}m_{121}^{(22)} - m_{110}^{(11)}m_{102}^{(00)}m_{112}^{(21)} + m_{110}^{(11)}m_{102}^{(00)}m_{022}^{(20)}\\
&-m_{110}^{(11)}m_{102}^{(00)}m_{013}^{(10)} - 2m_{110}^{(11)}m_{102}^{(10)}m_{211}^{(22)} + m_{110}^{(11)}m_{102}^{(10)}m_{202}^{(21)} - 2m_{110}^{(11)}m_{102}^{(10)}m_{112}^{(20)}\\
&+2m_{110}^{(11)}m_{102}^{(10)}m_{103}^{(10)} + m_{110}^{(11)}m_{102}^{(10)}m_{013}^{(00)} + m_{110}^{(11)}m_{102}^{(11)}m_{301}^{(22)} + m_{110}^{(11)}m_{102}^{(11)}m_{202}^{(20)}\\
&-2m_{110}^{(11)}m_{102}^{(11)}m_{103}^{(00)} + m_{110}^{(11)}m_{102}^{(20)}m_{211}^{(21)} - m_{110}^{(11)}m_{102}^{(20)}m_{022}^{(00)} - m_{110}^{(11)}m_{102}^{(21)}m_{301}^{(21)}\\
&-2m_{110}^{(11)}m_{102}^{(21)}m_{202}^{(10)} + 3m_{110}^{(11)}m_{102}^{(21)}m_{112}^{(00)} + m_{110}^{(11)}m_{102}^{(22)}m_{211}^{(10)} - m_{110}^{(11)}m_{102}^{(22)}m_{121}^{(00)}\\
&+m_{110}^{(11)}m_{012}^{(00)}m_{112}^{(20)} - m_{110}^{(11)}m_{012}^{(00)}m_{103}^{(10)} - m_{110}^{(11)}m_{012}^{(10)}m_{202}^{(20)} + m_{110}^{(11)}m_{012}^{(10)}m_{103}^{(00)}\\
&-m_{110}^{(11)}m_{012}^{(20)}m_{211}^{(20)} + 2m_{110}^{(11)}m_{012}^{(20)}m_{202}^{(10)} - m_{110}^{(11)}m_{012}^{(20)}m_{112}^{(00)} + m_{110}^{(11)}m_{012}^{(21)}m_{301}^{(20)}\\
&-m_{110}^{(11)}m_{012}^{(21)}m_{202}^{(00)} - m_{110}^{(11)}m_{012}^{(22)}m_{301}^{(10)} + m_{110}^{(11)}m_{012}^{(22)}m_{211}^{(00)} - m_{110}^{(11)}m_{003}^{(00)}m_{121}^{(20)}\\
&+m_{110}^{(11)}m_{003}^{(00)}m_{112}^{(10)} + 2m_{110}^{(11)}m_{003}^{(10)}m_{211}^{(20)} - m_{110}^{(11)}m_{003}^{(10)}m_{202}^{(10)} - m_{110}^{(11)}m_{003}^{(10)}m_{112}^{(00)}\\
&-m_{110}^{(11)}m_{003}^{(11)}m_{301}^{(20)} + m_{110}^{(11)}m_{003}^{(11)}m_{202}^{(00)} - m_{110}^{(11)}m_{003}^{(20)}m_{211}^{(10)} + m_{110}^{(11)}m_{003}^{(20)}m_{121}^{(00)}\\
&+m_{110}^{(11)}m_{003}^{(21)}m_{301}^{(10)} - m_{110}^{(11)}m_{003}^{(21)}m_{211}^{(00)} - m_{110}^{(20)}m_{210}^{(10)}m_{022}^{(22)} + 2m_{110}^{(20)}m_{210}^{(10)}m_{013}^{(21)}\\
&-m_{110}^{(20)}m_{210}^{(10)}m_{004}^{(11)} + m_{110}^{(20)}m_{210}^{(11)}m_{112}^{(22)} - m_{110}^{(20)}m_{210}^{(11)}m_{103}^{(21)} - m_{110}^{(20)}m_{210}^{(11)}m_{013}^{(20)}\\
&+m_{110}^{(20)}m_{210}^{(11)}m_{004}^{(10)} + m_{110}^{(20)}m_{210}^{(20)}m_{031}^{(22)} - 2m_{110}^{(20)}m_{210}^{(20)}m_{022}^{(21)} + m_{110}^{(20)}m_{210}^{(20)}m_{013}^{(11)}\\
&-m_{110}^{(20)}m_{210}^{(21)}m_{121}^{(22)} + m_{110}^{(20)}m_{210}^{(21)}m_{103}^{(11)} + 2m_{110}^{(20)}m_{210}^{(21)}m_{022}^{(20)} - 2m_{110}^{(20)}m_{210}^{(21)}m_{013}^{(10)}\\
&+m_{110}^{(20)}m_{210}^{(22)}m_{121}^{(21)} - m_{110}^{(20)}m_{210}^{(22)}m_{112}^{(11)} - m_{110}^{(20)}m_{210}^{(22)}m_{031}^{(20)} + m_{110}^{(20)}m_{210}^{(22)}m_{022}^{(10)}\\
&+m_{110}^{(20)}m_{120}^{(00)}m_{022}^{(22)} - 2m_{110}^{(20)}m_{120}^{(00)}m_{013}^{(21)} + m_{110}^{(20)}m_{120}^{(00)}m_{004}^{(11)} - 2m_{110}^{(20)}m_{120}^{(10)}m_{112}^{(22)}\\
&+2m_{110}^{(20)}m_{120}^{(10)}m_{103}^{(21)} + m_{110}^{(20)}m_{120}^{(11)}m_{202}^{(22)} - m_{110}^{(20)}m_{120}^{(11)}m_{004}^{(00)} + 2m_{110}^{(20)}m_{120}^{(20)}m_{112}^{(21)}\\
&-2m_{110}^{(20)}m_{120}^{(20)}m_{103}^{(11)} - 2m_{110}^{(20)}m_{120}^{(21)}m_{202}^{(21)} + 2m_{110}^{(20)}m_{120}^{(21)}m_{013}^{(00)} + m_{110}^{(20)}m_{120}^{(22)}m_{202}^{(11)}\\
&-m_{110}^{(20)}m_{120}^{(22)}m_{022}^{(00)} - m_{110}^{(20)}m_{111}^{(00)}m_{031}^{(22)} + 2m_{110}^{(20)}m_{111}^{(00)}m_{022}^{(21)} - m_{110}^{(20)}m_{111}^{(00)}m_{013}^{(11)}\\
&+4m_{110}^{(20)}m_{111}^{(10)}m_{121}^{(22)} - 4m_{110}^{(20)}m_{111}^{(10)}m_{112}^{(21)} - 3m_{110}^{(20)}m_{111}^{(11)}m_{211}^{(22)} + 2m_{110}^{(20)}m_{111}^{(11)}m_{112}^{(20)}\\
&+m_{110}^{(20)}m_{111}^{(11)}m_{013}^{(00)} - 2m_{110}^{(20)}m_{111}^{(20)}m_{130}^{(22)} + 2m_{110}^{(20)}m_{111}^{(20)}m_{112}^{(11)} + 2m_{110}^{(20)}m_{111}^{(21)}m_{220}^{(22)}\\
&+4m_{110}^{(20)}m_{111}^{(21)}m_{211}^{(21)} - 4m_{110}^{(20)}m_{111}^{(21)}m_{121}^{(20)} - 2m_{110}^{(20)}m_{111}^{(21)}m_{022}^{(00)} - 2m_{110}^{(20)}m_{111}^{(22)}m_{220}^{(21)}\\
&-m_{110}^{(20)}m_{111}^{(22)}m_{211}^{(11)} + 2m_{110}^{(20)}m_{111}^{(22)}m_{130}^{(20)} + m_{110}^{(20)}m_{111}^{(22)}m_{031}^{(00)} - 2m_{110}^{(20)}m_{102}^{(10)}m_{121}^{(21)}\\
&+2m_{110}^{(20)}m_{102}^{(10)}m_{112}^{(11)} + 2m_{110}^{(20)}m_{102}^{(11)}m_{211}^{(21)} - 2m_{110}^{(20)}m_{102}^{(11)}m_{112}^{(10)} + 2m_{110}^{(20)}m_{102}^{(20)}m_{130}^{(21)}\\
&-2m_{110}^{(20)}m_{102}^{(20)}m_{121}^{(11)} - 2m_{110}^{(20)}m_{102}^{(21)}m_{220}^{(21)} - 2m_{110}^{(20)}m_{102}^{(21)}m_{211}^{(11)} + 4m_{110}^{(20)}m_{102}^{(21)}m_{121}^{(10)}\\
&+2m_{110}^{(20)}m_{102}^{(22)}m_{220}^{(11)} - 2m_{110}^{(20)}m_{102}^{(22)}m_{130}^{(10)} + m_{110}^{(20)}m_{030}^{(00)}m_{112}^{(22)} - m_{110}^{(20)}m_{030}^{(00)}m_{103}^{(21)}\\
&+m_{110}^{(20)}m_{030}^{(00)}m_{013}^{(20)} - m_{110}^{(20)}m_{030}^{(00)}m_{004}^{(10)} - m_{110}^{(20)}m_{030}^{(10)}m_{202}^{(22)} + m_{110}^{(20)}m_{030}^{(10)}m_{004}^{(00)}\\
&-m_{110}^{(20)}m_{030}^{(20)}m_{211}^{(22)} + 2m_{110}^{(20)}m_{030}^{(20)}m_{202}^{(21)} - 2m_{110}^{(20)}m_{030}^{(20)}m_{112}^{(20)} + 2m_{110}^{(20)}m_{030}^{(20)}m_{103}^{(10)}
\end{aligned}
$$

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\begin{aligned}
&-m_{110}^{(20)}m_{030}^{(20)}m_{013}^{(00)}+m_{110}^{(20)}m_{030}^{(21)}m_{301}^{(22)}-m_{110}^{(20)}m_{030}^{(21)}m_{103}^{(00)}-m_{110}^{(20)}m_{030}^{(22)}m_{301}^{(21)}\\
&+m_{110}^{(20)}m_{030}^{(22)}m_{211}^{(20)}-m_{110}^{(20)}m_{030}^{(22)}m_{202}^{(10)}+m_{110}^{(20)}m_{030}^{(22)}m_{112}^{(00)}-3m_{110}^{(20)}m_{021}^{(00)}m_{121}^{(22)}\\
&+2m_{110}^{(20)}m_{021}^{(00)}m_{112}^{(21)}+m_{110}^{(20)}m_{021}^{(00)}m_{103}^{(11)}-2m_{110}^{(20)}m_{021}^{(00)}m_{022}^{(20)}+2m_{110}^{(20)}m_{021}^{(00)}m_{013}^{(10)}\\
&+4m_{110}^{(20)}m_{021}^{(10)}m_{211}^{(22)}-2m_{110}^{(20)}m_{021}^{(10)}m_{103}^{(10)}-2m_{110}^{(20)}m_{021}^{(10)}m_{013}^{(00)}-m_{110}^{(20)}m_{021}^{(11)}m_{301}^{(22)}\\
&+m_{110}^{(20)}m_{021}^{(11)}m_{103}^{(00)}+2m_{110}^{(20)}m_{021}^{(20)}m_{220}^{(22)}-4m_{110}^{(20)}m_{021}^{(20)}m_{211}^{(21)}-2m_{110}^{(20)}m_{021}^{(20)}m_{202}^{(11)}\\
&+4m_{110}^{(20)}m_{021}^{(20)}m_{121}^{(20)}-2m_{110}^{(20)}m_{021}^{(20)}m_{112}^{(10)}+2m_{110}^{(20)}m_{021}^{(20)}m_{022}^{(00)}-2m_{110}^{(20)}m_{021}^{(21)}m_{310}^{(22)}\\
&+2m_{110}^{(20)}m_{021}^{(21)}m_{202}^{(10)}+2m_{110}^{(20)}m_{021}^{(22)}m_{310}^{(21)}+m_{110}^{(20)}m_{021}^{(22)}m_{301}^{(11)}-2m_{110}^{(20)}m_{021}^{(22)}m_{220}^{(20)}\\
&-m_{110}^{(20)}m_{021}^{(22)}m_{121}^{(00)}+2m_{110}^{(20)}m_{012}^{(00)}m_{130}^{(22)}+m_{110}^{(20)}m_{012}^{(00)}m_{121}^{(21)}-3m_{110}^{(20)}m_{012}^{(00)}m_{112}^{(11)}\\
&+m_{110}^{(20)}m_{012}^{(00)}m_{031}^{(20)}-m_{110}^{(20)}m_{012}^{(00)}m_{022}^{(10)}-4m_{110}^{(20)}m_{012}^{(10)}m_{220}^{(22)}-2m_{110}^{(20)}m_{012}^{(10)}m_{211}^{(21)}\\
&+m_{110}^{(20)}m_{012}^{(10)}m_{202}^{(11)}+4m_{110}^{(20)}m_{012}^{(10)}m_{112}^{(10)}+m_{110}^{(20)}m_{012}^{(10)}m_{022}^{(00)}+2m_{110}^{(20)}m_{012}^{(11)}m_{310}^{(22)}\\
&+m_{110}^{(20)}m_{012}^{(11)}m_{301}^{(21)}-m_{110}^{(20)}m_{012}^{(11)}m_{211}^{(20)}-m_{110}^{(20)}m_{012}^{(11)}m_{202}^{(10)}-m_{110}^{(20)}m_{012}^{(11)}m_{112}^{(00)}\\
&+5m_{110}^{(20)}m_{012}^{(20)}m_{211}^{(11)}-2m_{110}^{(20)}m_{012}^{(20)}m_{130}^{(20)}-2m_{110}^{(20)}m_{012}^{(20)}m_{121}^{(10)}-m_{110}^{(20)}m_{012}^{(20)}m_{031}^{(00)}\\
&-m_{110}^{(20)}m_{012}^{(21)}m_{301}^{(11)}+2m_{110}^{(20)}m_{012}^{(21)}m_{220}^{(20)}-2m_{110}^{(20)}m_{012}^{(21)}m_{211}^{(10)}+m_{110}^{(20)}m_{012}^{(21)}m_{121}^{(00)}\\
&-2m_{110}^{(20)}m_{012}^{(22)}m_{310}^{(11)}+2m_{110}^{(20)}m_{012}^{(22)}m_{220}^{(10)}-2m_{110}^{(20)}m_{003}^{(00)}m_{130}^{(21)}+2m_{110}^{(20)}m_{003}^{(00)}m_{121}^{(11)}\\
&+4m_{110}^{(20)}m_{003}^{(10)}m_{220}^{(21)}-2m_{110}^{(20)}m_{003}^{(10)}m_{211}^{(11)}-2m_{110}^{(20)}m_{003}^{(10)}m_{121}^{(10)}-2m_{110}^{(20)}m_{003}^{(11)}m_{310}^{(21)}\\
&+2m_{110}^{(20)}m_{003}^{(11)}m_{211}^{(10)}-2m_{110}^{(20)}m_{003}^{(20)}m_{220}^{(11)}+2m_{110}^{(20)}m_{003}^{(20)}m_{130}^{(10)}+2m_{110}^{(20)}m_{003}^{(20)}m_{310}^{(11)}\\
&-2m_{110}^{(20)}m_{003}^{(21)}m_{220}^{(10)}+m_{110}^{(21)}m_{300}^{(10)}m_{022}^{(22)}-m_{110}^{(21)}m_{300}^{(10)}m_{004}^{(11)}-m_{110}^{(21)}m_{300}^{(11)}m_{112}^{(22)}\\
&-m_{110}^{(21)}m_{300}^{(11)}m_{103}^{(21)}+m_{110}^{(21)}m_{300}^{(11)}m_{013}^{(20)}+m_{110}^{(21)}m_{300}^{(11)}m_{004}^{(10)}-m_{110}^{(21)}m_{300}^{(20)}m_{031}^{(22)}\\
&+m_{110}^{(21)}m_{300}^{(20)}m_{013}^{(11)}+m_{110}^{(21)}m_{300}^{(21)}m_{121}^{(22)}+2m_{110}^{(21)}m_{300}^{(21)}m_{112}^{(21)}+m_{110}^{(21)}m_{300}^{(21)}m_{103}^{(11)}\\
&-2m_{110}^{(21)}m_{300}^{(21)}m_{022}^{(20)}-2m_{110}^{(21)}m_{300}^{(21)}m_{013}^{(10)}-m_{110}^{(21)}m_{300}^{(22)}m_{121}^{(21)}-m_{110}^{(21)}m_{300}^{(22)}m_{112}^{(11)}\\
&+m_{110}^{(21)}m_{300}^{(22)}m_{031}^{(20)}+m_{110}^{(21)}m_{300}^{(22)}m_{022}^{(10)}-m_{110}^{(21)}m_{210}^{(00)}m_{022}^{(22)}+m_{110}^{(21)}m_{210}^{(00)}m_{004}^{(11)}\\
&+2m_{110}^{(21)}m_{210}^{(10)}m_{112}^{(22)}-2m_{110}^{(21)}m_{210}^{(10)}m_{013}^{(20)}-m_{110}^{(21)}m_{210}^{(11)}m_{202}^{(22)}+2m_{110}^{(21)}m_{210}^{(11)}m_{103}^{(20)}\\
&-m_{110}^{(21)}m_{210}^{(11)}m_{004}^{(00)}-2m_{110}^{(21)}m_{210}^{(20)}m_{103}^{(11)}+2m_{110}^{(21)}m_{210}^{(20)}m_{022}^{(20)}-2m_{110}^{(21)}m_{210}^{(21)}m_{112}^{(20)}\\
&+2m_{110}^{(21)}m_{210}^{(21)}m_{013}^{(00)}+m_{110}^{(21)}m_{210}^{(22)}m_{202}^{(11)}-m_{110}^{(21)}m_{210}^{(22)}m_{022}^{(00)}+m_{110}^{(21)}m_{201}^{(00)}m_{031}^{(22)}\\
&-m_{110}^{(21)}m_{201}^{(00)}m_{013}^{(11)}-4m_{110}^{(21)}m_{201}^{(10)}m_{121}^{(22)}+2m_{110}^{(21)}m_{201}^{(10)}m_{103}^{(11)}+2m_{110}^{(21)}m_{201}^{(10)}m_{013}^{(10)}\\
&+3m_{110}^{(21)}m_{201}^{(11)}m_{211}^{(22)}+2m_{110}^{(21)}m_{201}^{(11)}m_{202}^{(21)}-2m_{110}^{(21)}m_{201}^{(11)}m_{112}^{(20)}-2m_{110}^{(21)}m_{201}^{(11)}m_{103}^{(10)}\\
&-m_{110}^{(21)}m_{201}^{(11)}m_{013}^{(00)}+2m_{110}^{(21)}m_{201}^{(20)}m_{130}^{(22)}-2m_{110}^{(21)}m_{201}^{(20)}m_{022}^{(10)}-2m_{110}^{(21)}m_{201}^{(21)}m_{220}^{(22)}\\
&-4m_{110}^{(21)}m_{201}^{(21)}m_{211}^{(21)}-2m_{110}^{(21)}m_{201}^{(21)}m_{202}^{(11)}+4m_{110}^{(21)}m_{201}^{(21)}m_{121}^{(20)}+2m_{110}^{(21)}m_{201}^{(21)}m_{112}^{(10)}\\
&+2m_{110}^{(21)}m_{201}^{(21)}m_{022}^{(00)}+2m_{110}^{(21)}m_{201}^{(22)}m_{220}^{(21)}+m_{110}^{(21)}m_{201}^{(22)}m_{211}^{(11)}-2m_{110}^{(21)}m_{201}^{(22)}m_{130}^{(20)}\\
&-m_{110}^{(21)}m_{201}^{(22)}m_{031}^{(00)}-m_{110}^{(21)}m_{120}^{(00)}m_{112}^{(22)}+m_{110}^{(21)}m_{120}^{(00)}m_{103}^{(21)}+m_{110}^{(21)}m_{120}^{(00)}m_{013}^{(20)}\\
&-m_{110}^{(21)}m_{120}^{(00)}m_{004}^{(10)}+m_{110}^{(21)}m_{120}^{(10)}m_{202}^{(22)}-2m_{110}^{(21)}m_{120}^{(10)}m_{103}^{(20)}+m_{110}^{(21)}m_{120}^{(10)}m_{004}^{(00)}\\
&+m_{110}^{(21)}m_{120}^{(20)}m_{211}^{(22)}-2m_{110}^{(21)}m_{120}^{(20)}m_{202}^{(21)}+2m_{110}^{(21)}m_{120}^{(20)}m_{103}^{(10)}-m_{110}^{(21)}m_{120}^{(20)}m_{013}^{(00)}\\
&-m_{110}^{(21)}m_{120}^{(21)}m_{301}^{(22)}+2m_{110}^{(21)}m_{120}^{(21)}m_{202}^{(20)}-m_{110}^{(21)}m_{120}^{(21)}m_{103}^{(00)}+m_{110}^{(21)}m_{120}^{(22)}m_{301}^{(21)}\\
&-m_{110}^{(21)}m_{120}^{(22)}m_{211}^{(20)}-m_{110}^{(21)}m_{120}^{(22)}m_{202}^{(10)}+m_{110}^{(21)}m_{120}^{(22)}m_{112}^{(00)}+3m_{110}^{(21)}m_{111}^{(00)}m_{121}^{(22)}\\
&-2m_{110}^{(21)}m_{111}^{(00)}m_{112}^{(21)}-m_{110}^{(21)}m_{111}^{(00)}m_{103}^{(11)}-4m_{110}^{(21)}m_{111}^{(10)}m_{211}^{(22)}+4m_{110}^{(21)}m_{111}^{(10)}m_{112}^{(20)}\\
&+m_{110}^{(21)}m_{111}^{(11)}m_{301}^{(22)}-2m_{110}^{(21)}m_{111}^{(11)}m_{202}^{(20)}+m_{110}^{(21)}m_{111}^{(11)}m_{103}^{(00)}-2m_{110}^{(21)}m_{111}^{(20)}m_{220}^{(22)}\\
&+4m_{110}^{(21)}m_{111}^{(20)}m_{211}^{(21)}+2m_{110}^{(21)}m_{111}^{(20)}m_{202}^{(11)}-4m_{110}^{(21)}m_{111}^{(20)}m_{121}^{(20)}+2m_{110}^{(21)}m_{111}^{(21)}m_{310}^{(22)}\\
&-2m_{110}^{(21)}m_{111}^{(21)}m_{112}^{(00)}-2m_{110}^{(21)}m_{111}^{(22)}m_{310}^{(21)}-m_{110}^{(21)}m_{111}^{(22)}m_{301}^{(11)}+2m_{110}^{(21)}m_{111}^{(22)}m_{220}^{(20)}
\end{aligned}
$$

$$+m_{110}^{(21)}m_{111}^{(22)}m_{121}^{(00)}-2m_{110}^{(21)}m_{102}^{(00)}m_{130}^{(22)}+m_{110}^{(21)}m_{102}^{(00)}m_{121}^{(21)}+m_{110}^{(21)}m_{102}^{(00)}m_{112}^{(11)}$$
$$-m_{110}^{(21)}m_{102}^{(00)}m_{031}^{(20)}+m_{110}^{(21)}m_{102}^{(00)}m_{022}^{(10)}+4m_{110}^{(21)}m_{102}^{(10)}m_{220}^{(22)}-m_{110}^{(21)}m_{102}^{(10)}m_{202}^{(11)}$$
$$+2m_{110}^{(21)}m_{102}^{(10)}m_{121}^{(20)}-4m_{110}^{(21)}m_{102}^{(10)}m_{112}^{(10)}-m_{110}^{(21)}m_{102}^{(10)}m_{022}^{(00)}-2m_{110}^{(21)}m_{102}^{(11)}m_{310}^{(22)}$$
$$-m_{110}^{(21)}m_{102}^{(11)}m_{301}^{(21)}-m_{110}^{(21)}m_{102}^{(11)}m_{211}^{(20)}+m_{110}^{(21)}m_{102}^{(11)}m_{202}^{(10)}+3m_{110}^{(21)}m_{102}^{(11)}m_{112}^{(00)}$$
$$-2m_{110}^{(21)}m_{102}^{(20)}m_{220}^{(21)}-m_{110}^{(21)}m_{102}^{(20)}m_{211}^{(11)}+2m_{110}^{(21)}m_{102}^{(20)}m_{121}^{(10)}+m_{110}^{(21)}m_{102}^{(20)}m_{031}^{(00)}$$
$$+2m_{110}^{(21)}m_{102}^{(21)}m_{310}^{(21)}+m_{110}^{(21)}m_{102}^{(21)}m_{301}^{(11)}+2m_{110}^{(21)}m_{102}^{(21)}m_{211}^{(10)}-5m_{110}^{(21)}m_{102}^{(21)}m_{121}^{(00)}$$
$$-2m_{110}^{(21)}m_{102}^{(22)}m_{220}^{(10)}+2m_{110}^{(21)}m_{102}^{(22)}m_{130}^{(00)}-2m_{110}^{(21)}m_{012}^{(00)}m_{121}^{(20)}+2m_{110}^{(21)}m_{012}^{(00)}m_{112}^{(10)}$$
$$+2m_{110}^{(21)}m_{012}^{(10)}m_{211}^{(20)}-2m_{110}^{(21)}m_{012}^{(10)}m_{112}^{(00)}+2m_{110}^{(21)}m_{012}^{(20)}m_{220}^{(20)}-4m_{110}^{(21)}m_{012}^{(20)}m_{211}^{(10)}$$
$$+2m_{110}^{(21)}m_{012}^{(20)}m_{121}^{(00)}-2m_{110}^{(21)}m_{012}^{(21)}m_{310}^{(20)}+2m_{110}^{(21)}m_{012}^{(21)}m_{211}^{(00)}+2m_{110}^{(21)}m_{012}^{(22)}m_{310}^{(10)}$$
$$-2m_{110}^{(21)}m_{012}^{(22)}m_{220}^{(00)}+2m_{110}^{(21)}m_{003}^{(00)}m_{130}^{(20)}-2m_{110}^{(21)}m_{003}^{(00)}m_{121}^{(10)}-4m_{110}^{(21)}m_{003}^{(10)}m_{220}^{(20)}$$
$$+2m_{110}^{(21)}m_{003}^{(10)}m_{211}^{(10)}+2m_{110}^{(21)}m_{003}^{(10)}m_{121}^{(00)}+2m_{110}^{(21)}m_{003}^{(11)}m_{310}^{(20)}-2m_{110}^{(21)}m_{003}^{(11)}m_{211}^{(00)}$$
$$+2m_{110}^{(21)}m_{003}^{(20)}m_{220}^{(10)}-2m_{110}^{(21)}m_{003}^{(20)}m_{130}^{(00)}-2m_{110}^{(21)}m_{003}^{(21)}m_{310}^{(10)}+2m_{110}^{(21)}m_{003}^{(21)}m_{220}^{(00)}$$
$$-m_{110}^{(22)}m_{300}^{(10)}m_{022}^{(21)}+m_{110}^{(22)}m_{300}^{(10)}m_{013}^{(11)}+m_{110}^{(22)}m_{300}^{(11)}m_{112}^{(21)}-m_{110}^{(22)}m_{300}^{(11)}m_{013}^{(10)}$$
$$+m_{110}^{(22)}m_{300}^{(20)}m_{031}^{(21)}-m_{110}^{(22)}m_{300}^{(20)}m_{022}^{(11)}-m_{110}^{(22)}m_{300}^{(21)}m_{121}^{(20)}-m_{110}^{(22)}m_{300}^{(21)}m_{112}^{(11)}$$
$$+2m_{110}^{(22)}m_{300}^{(21)}m_{022}^{(10)}+m_{110}^{(22)}m_{300}^{(22)}m_{121}^{(11)}-m_{110}^{(22)}m_{300}^{(22)}m_{031}^{(10)}+m_{110}^{(22)}m_{210}^{(00)}m_{022}^{(21)}$$
$$-m_{110}^{(22)}m_{210}^{(00)}m_{013}^{(11)}-2m_{110}^{(22)}m_{210}^{(10)}m_{112}^{(21)}+m_{110}^{(22)}m_{210}^{(10)}m_{103}^{(11)}+m_{110}^{(22)}m_{210}^{(10)}m_{022}^{(20)}$$
$$+m_{110}^{(22)}m_{210}^{(11)}m_{202}^{(21)}-m_{110}^{(22)}m_{210}^{(11)}m_{112}^{(20)}-m_{110}^{(22)}m_{210}^{(11)}m_{103}^{(10)}+m_{110}^{(22)}m_{210}^{(11)}m_{013}^{(00)}$$
$$+m_{110}^{(22)}m_{210}^{(20)}m_{112}^{(11)}-m_{110}^{(22)}m_{210}^{(20)}m_{031}^{(20)}-m_{110}^{(22)}m_{210}^{(21)}m_{202}^{(11)}+m_{110}^{(22)}m_{210}^{(21)}m_{121}^{(20)}$$
$$+2m_{110}^{(22)}m_{210}^{(21)}m_{112}^{(10)}-2m_{110}^{(22)}m_{210}^{(21)}m_{022}^{(00)}-m_{110}^{(22)}m_{210}^{(22)}m_{121}^{(10)}+m_{110}^{(22)}m_{210}^{(22)}m_{031}^{(00)}$$
$$-m_{110}^{(22)}m_{201}^{(00)}m_{031}^{(21)}+m_{110}^{(22)}m_{201}^{(00)}m_{022}^{(11)}+4m_{110}^{(22)}m_{201}^{(10)}m_{121}^{(21)}-3m_{110}^{(22)}m_{201}^{(10)}m_{112}^{(11)}$$
$$-m_{110}^{(22)}m_{201}^{(10)}m_{022}^{(10)}-3m_{110}^{(22)}m_{201}^{(11)}m_{211}^{(21)}+3m_{110}^{(22)}m_{201}^{(11)}m_{112}^{(10)}-2m_{110}^{(22)}m_{201}^{(20)}m_{130}^{(21)}$$
$$+m_{110}^{(22)}m_{201}^{(20)}m_{121}^{(11)}+m_{110}^{(22)}m_{201}^{(20)}m_{031}^{(10)}+2m_{110}^{(22)}m_{201}^{(21)}m_{220}^{(21)}+3m_{110}^{(22)}m_{201}^{(21)}m_{211}^{(11)}$$
$$-5m_{110}^{(22)}m_{201}^{(21)}m_{121}^{(10)}-2m_{110}^{(22)}m_{201}^{(22)}m_{220}^{(11)}+2m_{110}^{(22)}m_{201}^{(22)}m_{130}^{(10)}+m_{110}^{(22)}m_{120}^{(00)}m_{112}^{(21)}$$
$$-m_{110}^{(22)}m_{120}^{(00)}m_{103}^{(11)}-m_{110}^{(22)}m_{120}^{(00)}m_{022}^{(20)}+m_{110}^{(22)}m_{120}^{(00)}m_{013}^{(10)}-m_{110}^{(22)}m_{120}^{(10)}m_{202}^{(21)}$$
$$+2m_{110}^{(22)}m_{120}^{(10)}m_{112}^{(20)}-m_{110}^{(22)}m_{120}^{(10)}m_{013}^{(00)}-m_{110}^{(22)}m_{120}^{(11)}m_{202}^{(20)}+m_{110}^{(22)}m_{120}^{(11)}m_{103}^{(00)}$$
$$-m_{110}^{(22)}m_{120}^{(20)}m_{211}^{(21)}+2m_{110}^{(22)}m_{120}^{(20)}m_{202}^{(11)}-2m_{110}^{(22)}m_{120}^{(20)}m_{112}^{(10)}+m_{110}^{(22)}m_{120}^{(20)}m_{022}^{(00)}$$
$$+m_{110}^{(22)}m_{120}^{(21)}m_{301}^{(21)}-m_{110}^{(22)}m_{120}^{(21)}m_{112}^{(00)}-m_{110}^{(22)}m_{120}^{(22)}m_{301}^{(11)}+m_{110}^{(22)}m_{120}^{(22)}m_{211}^{(10)}$$
$$-3m_{110}^{(22)}m_{111}^{(00)}m_{121}^{(21)}+3m_{110}^{(22)}m_{111}^{(00)}m_{112}^{(11)}+m_{110}^{(22)}m_{111}^{(00)}m_{031}^{(20)}-m_{110}^{(22)}m_{111}^{(00)}m_{022}^{(10)}$$
$$+4m_{110}^{(22)}m_{111}^{(10)}m_{211}^{(21)}-m_{110}^{(22)}m_{111}^{(10)}m_{202}^{(11)}-4m_{110}^{(22)}m_{111}^{(10)}m_{121}^{(20)}+m_{110}^{(22)}m_{111}^{(10)}m_{022}^{(00)}$$
$$-m_{110}^{(22)}m_{111}^{(11)}m_{301}^{(21)}+3m_{110}^{(22)}m_{111}^{(11)}m_{211}^{(20)}+m_{110}^{(22)}m_{111}^{(11)}m_{202}^{(10)}-3m_{110}^{(22)}m_{111}^{(11)}m_{112}^{(00)}$$
$$+2m_{110}^{(22)}m_{111}^{(20)}m_{220}^{(21)}-5m_{110}^{(22)}m_{111}^{(20)}m_{211}^{(11)}+2m_{110}^{(22)}m_{111}^{(20)}m_{130}^{(20)}+2m_{110}^{(22)}m_{111}^{(20)}m_{121}^{(10)}$$
$$-m_{110}^{(22)}m_{111}^{(20)}m_{031}^{(00)}-2m_{110}^{(22)}m_{111}^{(21)}m_{310}^{(21)}+m_{110}^{(22)}m_{111}^{(21)}m_{301}^{(11)}-2m_{110}^{(22)}m_{111}^{(21)}m_{220}^{(20)}$$
$$-2m_{110}^{(22)}m_{111}^{(21)}m_{211}^{(10)}+5m_{110}^{(22)}m_{111}^{(21)}m_{121}^{(00)}+2m_{110}^{(22)}m_{111}^{(22)}m_{310}^{(11)}-2m_{110}^{(22)}m_{111}^{(22)}m_{130}^{(00)}$$
$$+2m_{110}^{(22)}m_{102}^{(00)}m_{130}^{(21)}-2m_{110}^{(22)}m_{102}^{(00)}m_{121}^{(11)}-4m_{110}^{(22)}m_{102}^{(10)}m_{220}^{(21)}+2m_{110}^{(22)}m_{102}^{(10)}m_{211}^{(11)}$$
$$+2m_{110}^{(22)}m_{102}^{(10)}m_{121}^{(10)}+2m_{110}^{(22)}m_{102}^{(11)}m_{310}^{(21)}-2m_{110}^{(22)}m_{102}^{(11)}m_{211}^{(10)}+2m_{110}^{(22)}m_{102}^{(20)}m_{220}^{(11)}$$
$$-2m_{110}^{(22)}m_{102}^{(20)}m_{130}^{(10)}-2m_{110}^{(22)}m_{102}^{(21)}m_{310}^{(11)}+2m_{110}^{(22)}m_{102}^{(21)}m_{220}^{(10)}-m_{110}^{(22)}m_{030}^{(00)}m_{112}^{(20)}$$
$$+m_{110}^{(22)}m_{030}^{(00)}m_{103}^{(10)}+m_{110}^{(22)}m_{030}^{(10)}m_{202}^{(20)}-m_{110}^{(22)}m_{030}^{(10)}m_{103}^{(00)}+m_{110}^{(22)}m_{030}^{(20)}m_{211}^{(20)}$$
$$-2m_{110}^{(22)}m_{030}^{(20)}m_{202}^{(10)}+m_{110}^{(22)}m_{030}^{(20)}m_{112}^{(00)}-m_{110}^{(22)}m_{030}^{(21)}m_{301}^{(20)}+m_{110}^{(22)}m_{030}^{(21)}m_{202}^{(00)}$$

$$+m_{110}^{(22)}m_{030}^{(22)}m_{301}^{(10)} - m_{110}^{(22)}m_{030}^{(22)}m_{211}^{(00)} + 3m_{110}^{(22)}m_{021}^{(00)}m_{121}^{(20)} - 3m_{110}^{(22)}m_{021}^{(00)}m_{112}^{(10)}$$
$$-4m_{110}^{(22)}m_{021}^{(10)}m_{211}^{(20)} + m_{110}^{(22)}m_{021}^{(10)}m_{202}^{(10)} + 3m_{110}^{(22)}m_{021}^{(10)}m_{112}^{(00)} + m_{110}^{(22)}m_{021}^{(11)}m_{301}^{(20)}$$
$$-m_{110}^{(22)}m_{021}^{(11)}m_{202}^{(00)} - 2m_{110}^{(22)}m_{021}^{(20)}m_{220}^{(20)} + 5m_{110}^{(22)}m_{021}^{(20)}m_{211}^{(10)} - 3m_{110}^{(22)}m_{021}^{(20)}m_{121}^{(00)}$$
$$+2m_{110}^{(22)}m_{021}^{(21)}m_{310}^{(20)} - m_{110}^{(22)}m_{021}^{(21)}m_{301}^{(10)} - m_{110}^{(22)}m_{021}^{(21)}m_{211}^{(00)} - 2m_{110}^{(22)}m_{021}^{(22)}m_{310}^{(10)}$$
$$+2m_{110}^{(22)}m_{021}^{(22)}m_{220}^{(00)} - 2m_{110}^{(22)}m_{012}^{(00)}m_{130}^{(20)} + 2m_{110}^{(22)}m_{012}^{(00)}m_{121}^{(10)} + 4m_{110}^{(22)}m_{012}^{(10)}m_{220}^{(20)}$$
$$-2m_{110}^{(22)}m_{012}^{(10)}m_{211}^{(10)} - 2m_{110}^{(22)}m_{012}^{(10)}m_{121}^{(00)} - 2m_{110}^{(22)}m_{012}^{(11)}m_{310}^{(20)} + 2m_{110}^{(22)}m_{012}^{(11)}m_{211}^{(00)}$$
$$-2m_{110}^{(22)}m_{012}^{(20)}m_{220}^{(10)} + 2m_{110}^{(22)}m_{012}^{(20)}m_{130}^{(00)} + 2m_{110}^{(22)}m_{012}^{(21)}m_{310}^{(10)} - 2m_{110}^{(22)}m_{012}^{(21)}m_{220}^{(00)}$$
$$-m_{101}^{(00)}m_{120}^{(10)}m_{022}^{(22)} + m_{101}^{(00)}m_{120}^{(10)}m_{013}^{(21)} + m_{101}^{(00)}m_{120}^{(11)}m_{112}^{(22)} - m_{101}^{(00)}m_{120}^{(11)}m_{013}^{(20)}$$
$$+m_{101}^{(00)}m_{120}^{(20)}m_{031}^{(22)} - m_{101}^{(00)}m_{120}^{(20)}m_{022}^{(21)} - m_{101}^{(00)}m_{120}^{(21)}m_{121}^{(22)} - m_{101}^{(00)}m_{120}^{(21)}m_{112}^{(21)}$$
$$+2m_{101}^{(00)}m_{120}^{(21)}m_{022}^{(20)} + m_{101}^{(00)}m_{120}^{(22)}m_{121}^{(21)} - m_{101}^{(00)}m_{120}^{(22)}m_{031}^{(20)} + m_{101}^{(00)}m_{111}^{(10)}m_{031}^{(22)}$$
$$-m_{101}^{(00)}m_{111}^{(10)}m_{013}^{(11)} - m_{101}^{(00)}m_{111}^{(11)}m_{121}^{(22)} - m_{101}^{(00)}m_{111}^{(11)}m_{112}^{(21)} + m_{101}^{(00)}m_{111}^{(11)}m_{022}^{(20)}$$
$$+m_{101}^{(00)}m_{111}^{(11)}m_{013}^{(10)} - m_{101}^{(00)}m_{111}^{(20)}m_{040}^{(22)} + m_{101}^{(00)}m_{111}^{(20)}m_{022}^{(11)} + m_{101}^{(00)}m_{111}^{(21)}m_{130}^{(22)}$$
$$+2m_{101}^{(00)}m_{111}^{(21)}m_{121}^{(21)} + m_{101}^{(00)}m_{111}^{(21)}m_{112}^{(11)} - 2m_{101}^{(00)}m_{111}^{(21)}m_{031}^{(20)} - 2m_{101}^{(00)}m_{111}^{(21)}m_{022}^{(10)}$$
$$-m_{101}^{(00)}m_{111}^{(22)}m_{130}^{(21)} - m_{101}^{(00)}m_{111}^{(22)}m_{121}^{(11)} + m_{101}^{(00)}m_{111}^{(22)}m_{040}^{(20)} + m_{101}^{(00)}m_{111}^{(22)}m_{031}^{(10)}$$
$$-m_{101}^{(00)}m_{102}^{(10)}m_{031}^{(21)} + m_{101}^{(00)}m_{102}^{(10)}m_{022}^{(11)} + m_{101}^{(00)}m_{102}^{(11)}m_{121}^{(21)} - m_{101}^{(00)}m_{102}^{(11)}m_{022}^{(10)}$$
$$+m_{101}^{(00)}m_{102}^{(20)}m_{040}^{(21)} - m_{101}^{(00)}m_{102}^{(20)}m_{031}^{(11)} - m_{101}^{(00)}m_{102}^{(21)}m_{130}^{(21)} - m_{101}^{(00)}m_{102}^{(21)}m_{121}^{(11)}$$
$$+2m_{101}^{(00)}m_{102}^{(21)}m_{031}^{(10)} + m_{101}^{(00)}m_{102}^{(22)}m_{130}^{(11)} - m_{101}^{(00)}m_{102}^{(22)}m_{040}^{(10)} + m_{101}^{(00)}m_{030}^{(00)}m_{022}^{(22)}$$
$$-m_{101}^{(00)}m_{030}^{(00)}m_{013}^{(21)} - m_{101}^{(00)}m_{030}^{(10)}m_{112}^{(22)} + m_{101}^{(00)}m_{030}^{(10)}m_{013}^{(20)} - m_{101}^{(00)}m_{030}^{(20)}m_{121}^{(22)}$$
$$+2m_{101}^{(00)}m_{030}^{(20)}m_{112}^{(21)} - m_{101}^{(00)}m_{030}^{(20)}m_{022}^{(20)} + m_{101}^{(00)}m_{030}^{(21)}m_{211}^{(22)} - m_{101}^{(00)}m_{030}^{(21)}m_{112}^{(20)}$$
$$-m_{101}^{(00)}m_{030}^{(22)}m_{211}^{(21)} + m_{101}^{(00)}m_{030}^{(22)}m_{121}^{(20)} - 2m_{101}^{(00)}m_{021}^{(00)}m_{031}^{(22)} + m_{101}^{(00)}m_{021}^{(00)}m_{022}^{(21)}$$
$$+m_{101}^{(00)}m_{021}^{(00)}m_{013}^{(11)} + 3m_{101}^{(00)}m_{021}^{(10)}m_{121}^{(22)} - 2m_{101}^{(00)}m_{021}^{(10)}m_{022}^{(20)} - m_{101}^{(00)}m_{021}^{(10)}m_{013}^{(10)}$$
$$-m_{101}^{(00)}m_{021}^{(11)}m_{211}^{(22)} + m_{101}^{(00)}m_{021}^{(11)}m_{112}^{(20)} + m_{101}^{(00)}m_{021}^{(20)}m_{130}^{(22)} - 2m_{101}^{(00)}m_{021}^{(20)}m_{121}^{(21)}$$
$$-2m_{101}^{(00)}m_{021}^{(20)}m_{112}^{(11)} + 2m_{101}^{(00)}m_{021}^{(20)}m_{031}^{(20)} + m_{101}^{(00)}m_{021}^{(20)}m_{022}^{(10)} - m_{101}^{(00)}m_{021}^{(21)}m_{220}^{(22)}$$
$$+m_{101}^{(00)}m_{021}^{(21)}m_{112}^{(10)} + m_{101}^{(00)}m_{021}^{(22)}m_{220}^{(21)} + m_{101}^{(00)}m_{021}^{(22)}m_{211}^{(11)} - m_{101}^{(00)}m_{021}^{(22)}m_{130}^{(20)}$$
$$-m_{101}^{(00)}m_{021}^{(22)}m_{121}^{(10)} + m_{101}^{(00)}m_{012}^{(00)}m_{040}^{(22)} + m_{101}^{(00)}m_{012}^{(00)}m_{031}^{(21)} - 2m_{101}^{(00)}m_{012}^{(00)}m_{022}^{(11)}$$
$$-2m_{101}^{(00)}m_{012}^{(10)}m_{130}^{(22)} - 2m_{101}^{(00)}m_{012}^{(10)}m_{121}^{(21)} + m_{101}^{(00)}m_{012}^{(10)}m_{112}^{(11)} + m_{101}^{(00)}m_{012}^{(10)}m_{031}^{(20)}$$
$$+2m_{101}^{(00)}m_{012}^{(10)}m_{022}^{(10)} + m_{101}^{(00)}m_{012}^{(11)}m_{220}^{(22)} + m_{101}^{(00)}m_{012}^{(11)}m_{211}^{(21)} - m_{101}^{(00)}m_{012}^{(11)}m_{121}^{(20)}$$
$$-m_{101}^{(00)}m_{012}^{(11)}m_{112}^{(10)} + 3m_{101}^{(00)}m_{012}^{(20)}m_{121}^{(11)} - m_{101}^{(00)}m_{012}^{(20)}m_{040}^{(20)} - 2m_{101}^{(00)}m_{012}^{(20)}m_{031}^{(10)}$$
$$-m_{101}^{(00)}m_{012}^{(21)}m_{211}^{(11)} + m_{101}^{(00)}m_{012}^{(21)}m_{130}^{(20)} - m_{101}^{(00)}m_{012}^{(22)}m_{220}^{(11)} + m_{101}^{(00)}m_{012}^{(22)}m_{130}^{(10)}$$
$$-m_{101}^{(00)}m_{003}^{(00)}m_{040}^{(21)} + m_{101}^{(00)}m_{003}^{(00)}m_{031}^{(11)} + 2m_{101}^{(00)}m_{003}^{(10)}m_{130}^{(21)} - m_{101}^{(00)}m_{003}^{(10)}m_{121}^{(11)}$$
$$-m_{101}^{(00)}m_{003}^{(10)}m_{031}^{(10)} - m_{101}^{(00)}m_{003}^{(11)}m_{220}^{(21)} + m_{101}^{(00)}m_{003}^{(11)}m_{121}^{(10)} - m_{101}^{(00)}m_{003}^{(20)}m_{130}^{(11)}$$
$$+m_{101}^{(00)}m_{003}^{(20)}m_{040}^{(10)} + m_{101}^{(00)}m_{003}^{(21)}m_{220}^{(11)} - m_{101}^{(00)}m_{003}^{(21)}m_{130}^{(10)} - m_{101}^{(10)}m_{201}^{(10)}m_{031}^{(22)}$$
$$+2m_{101}^{(10)}m_{201}^{(10)}m_{022}^{(21)} - m_{101}^{(10)}m_{201}^{(10)}m_{013}^{(11)} + m_{101}^{(10)}m_{201}^{(11)}m_{121}^{(22)} - m_{101}^{(10)}m_{201}^{(11)}m_{112}^{(21)}$$
$$-m_{101}^{(10)}m_{201}^{(11)}m_{022}^{(20)} + m_{101}^{(10)}m_{201}^{(11)}m_{013}^{(10)} + m_{101}^{(10)}m_{201}^{(20)}m_{040}^{(22)} - 2m_{101}^{(10)}m_{201}^{(20)}m_{031}^{(21)}$$
$$+m_{101}^{(10)}m_{201}^{(20)}m_{022}^{(11)} - m_{101}^{(10)}m_{201}^{(21)}m_{130}^{(22)} + m_{101}^{(10)}m_{201}^{(21)}m_{112}^{(11)} + 2m_{101}^{(10)}m_{201}^{(21)}m_{031}^{(20)}$$
$$-2m_{101}^{(10)}m_{201}^{(21)}m_{022}^{(10)} + m_{101}^{(10)}m_{201}^{(22)}m_{130}^{(21)} - m_{101}^{(10)}m_{201}^{(22)}m_{121}^{(11)} - m_{101}^{(10)}m_{201}^{(22)}m_{040}^{(20)}$$
$$+m_{101}^{(10)}m_{201}^{(22)}m_{031}^{(10)} + 2m_{101}^{(10)}m_{120}^{(10)}m_{112}^{(22)} - 2m_{101}^{(10)}m_{120}^{(10)}m_{103}^{(21)} - 2m_{101}^{(10)}m_{120}^{(11)}m_{202}^{(22)}$$
$$+2m_{101}^{(10)}m_{120}^{(11)}m_{103}^{(20)} - 2m_{101}^{(10)}m_{120}^{(20)}m_{121}^{(22)} + 2m_{101}^{(10)}m_{120}^{(20)}m_{112}^{(21)} + 2m_{101}^{(10)}m_{120}^{(21)}m_{211}^{(22)}$$

$$+2m_{101}^{(10)}m_{120}^{(21)}m_{202}^{(21)} - 4m_{101}^{(10)}m_{120}^{(21)}m_{112}^{(20)} - 2m_{101}^{(10)}m_{120}^{(22)}m_{211}^{(21)} + 2m_{101}^{(10)}m_{120}^{(22)}m_{121}^{(20)}$$
$$+m_{101}^{(10)}m_{111}^{(00)}m_{031}^{(22)} - 2m_{101}^{(10)}m_{111}^{(00)}m_{022}^{(21)} + m_{101}^{(10)}m_{111}^{(00)}m_{013}^{(11)} - 2m_{101}^{(10)}m_{111}^{(10)}m_{121}^{(22)}$$
$$+2m_{101}^{(10)}m_{111}^{(10)}m_{103}^{(11)} + m_{101}^{(10)}m_{111}^{(11)}m_{211}^{(22)} + 2m_{101}^{(10)}m_{111}^{(11)}m_{202}^{(21)} - 2m_{101}^{(10)}m_{111}^{(11)}m_{103}^{(10)}$$
$$-m_{101}^{(10)}m_{111}^{(11)}m_{013}^{(00)} + 4m_{101}^{(10)}m_{111}^{(20)}m_{121}^{(21)} - 4m_{101}^{(10)}m_{111}^{(20)}m_{112}^{(11)} - 4m_{101}^{(10)}m_{111}^{(21)}m_{211}^{(21)}$$
$$-2m_{101}^{(10)}m_{111}^{(21)}m_{202}^{(11)} + 4m_{101}^{(10)}m_{111}^{(21)}m_{112}^{(10)} + 2m_{101}^{(10)}m_{111}^{(21)}m_{022}^{(00)} + 3m_{101}^{(10)}m_{111}^{(22)}m_{211}^{(11)}$$
$$-2m_{101}^{(10)}m_{111}^{(22)}m_{121}^{(10)} - m_{101}^{(10)}m_{111}^{(22)}m_{031}^{(00)} - m_{101}^{(10)}m_{102}^{(00)}m_{040}^{(22)} + 2m_{101}^{(10)}m_{102}^{(00)}m_{031}^{(21)}$$
$$-m_{101}^{(10)}m_{102}^{(00)}m_{022}^{(11)} + 2m_{101}^{(10)}m_{102}^{(10)}m_{130}^{(22)} - 2m_{101}^{(10)}m_{102}^{(10)}m_{121}^{(21)} - m_{101}^{(10)}m_{102}^{(11)}m_{220}^{(22)}$$
$$+m_{101}^{(10)}m_{102}^{(11)}m_{022}^{(00)} - 2m_{101}^{(10)}m_{102}^{(20)}m_{130}^{(21)} + 2m_{101}^{(10)}m_{102}^{(20)}m_{121}^{(11)} + 2m_{101}^{(10)}m_{102}^{(21)}m_{220}^{(21)}$$
$$-2m_{101}^{(10)}m_{102}^{(21)}m_{031}^{(00)} - m_{101}^{(10)}m_{102}^{(22)}m_{220}^{(11)} + m_{101}^{(10)}m_{102}^{(22)}m_{040}^{(00)} - 2m_{101}^{(10)}m_{030}^{(00)}m_{112}^{(22)}$$
$$+2m_{101}^{(10)}m_{030}^{(00)}m_{103}^{(21)} + 2m_{101}^{(10)}m_{030}^{(10)}m_{202}^{(22)} - 2m_{101}^{(10)}m_{030}^{(10)}m_{103}^{(20)} + 2m_{101}^{(10)}m_{030}^{(20)}m_{211}^{(22)}$$
$$-4m_{101}^{(10)}m_{030}^{(20)}m_{202}^{(21)} + 2m_{101}^{(10)}m_{030}^{(20)}m_{112}^{(20)} - 2m_{101}^{(10)}m_{030}^{(21)}m_{301}^{(22)} + 2m_{101}^{(10)}m_{030}^{(21)}m_{202}^{(20)}$$
$$+2m_{101}^{(10)}m_{030}^{(22)}m_{301}^{(21)} - 2m_{101}^{(10)}m_{030}^{(22)}m_{211}^{(20)} + 3m_{101}^{(10)}m_{021}^{(00)}m_{121}^{(22)} - m_{101}^{(10)}m_{021}^{(00)}m_{112}^{(21)}$$
$$-2m_{101}^{(10)}m_{021}^{(00)}m_{103}^{(11)} + m_{101}^{(10)}m_{021}^{(00)}m_{022}^{(20)} - m_{101}^{(10)}m_{021}^{(00)}m_{013}^{(10)} - 5m_{101}^{(10)}m_{021}^{(10)}m_{211}^{(22)}$$
$$+2m_{101}^{(10)}m_{021}^{(10)}m_{112}^{(20)} + 2m_{101}^{(10)}m_{021}^{(10)}m_{103}^{(10)} + m_{101}^{(10)}m_{021}^{(10)}m_{013}^{(00)} + 2m_{101}^{(10)}m_{021}^{(11)}m_{301}^{(22)}$$
$$-2m_{101}^{(10)}m_{021}^{(11)}m_{202}^{(20)} - m_{101}^{(10)}m_{021}^{(20)}m_{220}^{(22)} + 2m_{101}^{(10)}m_{021}^{(20)}m_{211}^{(21)} + 4m_{101}^{(10)}m_{021}^{(20)}m_{202}^{(11)}$$
$$-4m_{101}^{(10)}m_{021}^{(20)}m_{121}^{(20)} - m_{101}^{(10)}m_{021}^{(20)}m_{022}^{(00)} + m_{101}^{(10)}m_{021}^{(21)}m_{310}^{(22)} + 2m_{101}^{(10)}m_{021}^{(21)}m_{211}^{(20)}$$
$$-2m_{101}^{(10)}m_{021}^{(21)}m_{202}^{(10)} - m_{101}^{(10)}m_{021}^{(21)}m_{112}^{(00)} - m_{101}^{(10)}m_{021}^{(22)}m_{310}^{(21)} - 2m_{101}^{(10)}m_{021}^{(22)}m_{301}^{(11)}$$
$$+m_{101}^{(10)}m_{021}^{(22)}m_{220}^{(20)} + m_{101}^{(10)}m_{021}^{(22)}m_{211}^{(10)} + m_{101}^{(10)}m_{021}^{(22)}m_{121}^{(00)} - m_{101}^{(10)}m_{012}^{(00)}m_{130}^{(22)}$$
$$-2m_{101}^{(10)}m_{012}^{(00)}m_{121}^{(21)} + 3m_{101}^{(10)}m_{012}^{(00)}m_{112}^{(11)} - 2m_{101}^{(10)}m_{012}^{(00)}m_{031}^{(20)} + 2m_{101}^{(10)}m_{012}^{(00)}m_{022}^{(10)}$$
$$+2m_{101}^{(10)}m_{012}^{(10)}m_{220}^{(22)} + 4m_{101}^{(10)}m_{012}^{(10)}m_{211}^{(21)} - 2m_{101}^{(10)}m_{012}^{(10)}m_{202}^{(11)} + 2m_{101}^{(10)}m_{012}^{(10)}m_{121}^{(20)}$$
$$-4m_{101}^{(10)}m_{012}^{(10)}m_{112}^{(10)} - 2m_{101}^{(10)}m_{012}^{(10)}m_{022}^{(00)} - m_{101}^{(10)}m_{012}^{(11)}m_{310}^{(22)} - 2m_{101}^{(10)}m_{012}^{(11)}m_{301}^{(21)}$$
$$+2m_{101}^{(10)}m_{012}^{(11)}m_{202}^{(10)} + m_{101}^{(10)}m_{012}^{(11)}m_{112}^{(00)} - 4m_{101}^{(10)}m_{012}^{(20)}m_{211}^{(11)} + 2m_{101}^{(10)}m_{012}^{(20)}m_{130}^{(20)}$$
$$+2m_{101}^{(10)}m_{012}^{(20)}m_{031}^{(00)} + 2m_{101}^{(10)}m_{012}^{(21)}m_{301}^{(11)} - 2m_{101}^{(10)}m_{012}^{(21)}m_{220}^{(20)} + m_{101}^{(10)}m_{012}^{(22)}m_{310}^{(11)}$$
$$-m_{101}^{(10)}m_{012}^{(22)}m_{130}^{(00)} + m_{101}^{(10)}m_{003}^{(00)}m_{130}^{(21)} - m_{101}^{(10)}m_{003}^{(00)}m_{121}^{(11)} + m_{101}^{(10)}m_{003}^{(00)}m_{040}^{(20)}$$
$$-m_{101}^{(10)}m_{003}^{(00)}m_{031}^{(10)} - 2m_{101}^{(10)}m_{003}^{(10)}m_{220}^{(21)} + m_{101}^{(10)}m_{003}^{(10)}m_{211}^{(11)} - 2m_{101}^{(10)}m_{003}^{(10)}m_{130}^{(20)}$$
$$+2m_{101}^{(10)}m_{003}^{(10)}m_{121}^{(10)} + m_{101}^{(10)}m_{003}^{(10)}m_{031}^{(00)} + m_{101}^{(10)}m_{003}^{(11)}m_{310}^{(21)} + m_{101}^{(10)}m_{003}^{(11)}m_{220}^{(20)}$$
$$-m_{101}^{(10)}m_{003}^{(11)}m_{211}^{(10)} - m_{101}^{(10)}m_{003}^{(11)}m_{121}^{(00)} + m_{101}^{(10)}m_{003}^{(20)}m_{220}^{(11)} - m_{101}^{(10)}m_{003}^{(20)}m_{040}^{(00)}$$
$$-m_{101}^{(10)}m_{003}^{(21)}m_{310}^{(11)} + m_{101}^{(10)}m_{003}^{(21)}m_{130}^{(00)} + m_{101}^{(11)}m_{300}^{(10)}m_{022}^{(22)} - m_{101}^{(11)}m_{300}^{(10)}m_{013}^{(21)}$$
$$-m_{101}^{(11)}m_{300}^{(11)}m_{112}^{(22)} + m_{101}^{(11)}m_{300}^{(11)}m_{013}^{(20)} - m_{101}^{(11)}m_{300}^{(20)}m_{031}^{(22)} + m_{101}^{(11)}m_{300}^{(20)}m_{022}^{(21)}$$
$$+m_{101}^{(11)}m_{300}^{(21)}m_{121}^{(22)} + m_{101}^{(11)}m_{300}^{(21)}m_{112}^{(21)} - 2m_{101}^{(11)}m_{300}^{(21)}m_{022}^{(20)} - m_{101}^{(11)}m_{300}^{(22)}m_{121}^{(21)}$$
$$+m_{101}^{(11)}m_{300}^{(22)}m_{031}^{(20)} - m_{101}^{(11)}m_{210}^{(00)}m_{022}^{(22)} + m_{101}^{(11)}m_{210}^{(00)}m_{013}^{(21)} - m_{101}^{(11)}m_{210}^{(10)}m_{112}^{(22)}$$
$$+2m_{101}^{(11)}m_{210}^{(10)}m_{103}^{(21)} - m_{101}^{(11)}m_{210}^{(10)}m_{013}^{(20)} + 2m_{101}^{(11)}m_{210}^{(11)}m_{202}^{(22)} - 2m_{101}^{(11)}m_{210}^{(11)}m_{103}^{(20)}$$
$$+3m_{101}^{(11)}m_{210}^{(20)}m_{121}^{(22)} - 4m_{101}^{(11)}m_{210}^{(20)}m_{112}^{(21)} + m_{101}^{(11)}m_{210}^{(20)}m_{022}^{(20)} - 3m_{101}^{(11)}m_{210}^{(21)}m_{211}^{(22)}$$
$$-2m_{101}^{(11)}m_{210}^{(21)}m_{202}^{(21)} + 5m_{101}^{(11)}m_{210}^{(21)}m_{112}^{(20)} + 3m_{101}^{(11)}m_{210}^{(22)}m_{211}^{(21)} - 3m_{101}^{(11)}m_{210}^{(22)}m_{121}^{(20)}$$
$$+m_{101}^{(11)}m_{201}^{(00)}m_{031}^{(22)} - m_{101}^{(11)}m_{201}^{(00)}m_{022}^{(21)} - m_{101}^{(11)}m_{201}^{(10)}m_{121}^{(22)} + m_{101}^{(11)}m_{201}^{(10)}m_{013}^{(10)}$$
$$+m_{101}^{(11)}m_{201}^{(11)}m_{112}^{(20)} - m_{101}^{(11)}m_{201}^{(11)}m_{013}^{(00)} - m_{101}^{(11)}m_{201}^{(20)}m_{130}^{(22)} + 2m_{101}^{(11)}m_{201}^{(20)}m_{121}^{(21)}$$
$$-m_{101}^{(11)}m_{201}^{(20)}m_{022}^{(10)} + m_{101}^{(11)}m_{201}^{(21)}m_{220}^{(22)} - 2m_{101}^{(11)}m_{201}^{(21)}m_{121}^{(20)} - m_{101}^{(11)}m_{201}^{(21)}m_{112}^{(10)}$$
$$+2m_{101}^{(11)}m_{201}^{(21)}m_{022}^{(00)} - m_{101}^{(11)}m_{201}^{(22)}m_{220}^{(21)} + m_{101}^{(11)}m_{201}^{(22)}m_{130}^{(20)} + m_{101}^{(11)}m_{201}^{(22)}m_{121}^{(10)}$$

$$
\begin{aligned}
&-m_{101}^{(11)}m_{201}^{(22)}m_{031}^{(00)} + 2m_{101}^{(11)}m_{120}^{(00)}m_{112}^{(22)} - 2m_{101}^{(11)}m_{120}^{(00)}m_{103}^{(21)} - 2m_{101}^{(11)}m_{120}^{(10)}m_{202}^{(22)}\\
&+2m_{101}^{(11)}m_{120}^{(10)}m_{103}^{(20)} - 2m_{101}^{(11)}m_{120}^{(20)}m_{211}^{(22)} + 4m_{101}^{(11)}m_{120}^{(20)}m_{202}^{(21)} - 2m_{101}^{(11)}m_{120}^{(20)}m_{112}^{(20)}\\
&+2m_{101}^{(11)}m_{120}^{(21)}m_{301}^{(22)} - 2m_{101}^{(11)}m_{120}^{(21)}m_{202}^{(20)} - 2m_{101}^{(11)}m_{120}^{(22)}m_{301}^{(21)} + 2m_{101}^{(11)}m_{120}^{(22)}m_{211}^{(20)}\\
&-3m_{101}^{(11)}m_{111}^{(00)}m_{121}^{(22)} + 3m_{101}^{(11)}m_{111}^{(00)}m_{112}^{(21)} + m_{101}^{(11)}m_{111}^{(00)}m_{022}^{(20)} - m_{101}^{(11)}m_{111}^{(00)}m_{013}^{(10)}\\
&+5m_{101}^{(11)}m_{111}^{(10)}m_{211}^{(22)} - 2m_{101}^{(11)}m_{111}^{(10)}m_{202}^{(21)} - 2m_{101}^{(11)}m_{111}^{(10)}m_{112}^{(20)} - 2m_{101}^{(11)}m_{111}^{(10)}m_{103}^{(10)}\\
&+m_{101}^{(11)}m_{111}^{(10)}m_{013}^{(00)} - 2m_{101}^{(11)}m_{111}^{(11)}m_{301}^{(22)} + 2m_{101}^{(11)}m_{111}^{(11)}m_{103}^{(00)} + m_{101}^{(11)}m_{111}^{(20)}m_{220}^{(22)}\\
&-4m_{101}^{(11)}m_{111}^{(20)}m_{211}^{(21)} + 4m_{101}^{(11)}m_{111}^{(20)}m_{112}^{(10)} - m_{101}^{(11)}m_{111}^{(20)}m_{022}^{(00)} - m_{101}^{(11)}m_{111}^{(21)}m_{310}^{(22)}\\
&+2m_{101}^{(11)}m_{111}^{(21)}m_{301}^{(21)} + 2m_{101}^{(11)}m_{111}^{(21)}m_{211}^{(20)} + 2m_{101}^{(11)}m_{111}^{(21)}m_{202}^{(10)} - 5m_{101}^{(11)}m_{111}^{(21)}m_{112}^{(00)}\\
&+m_{101}^{(11)}m_{111}^{(22)}m_{310}^{(21)} - m_{101}^{(11)}m_{111}^{(22)}m_{220}^{(20)} - 3m_{101}^{(11)}m_{111}^{(22)}m_{211}^{(10)} + 3m_{101}^{(11)}m_{111}^{(22)}m_{121}^{(00)}\\
&+m_{101}^{(11)}m_{102}^{(00)}m_{130}^{(22)} - m_{101}^{(11)}m_{102}^{(00)}m_{121}^{(21)} - m_{101}^{(11)}m_{102}^{(00)}m_{031}^{(20)} + m_{101}^{(11)}m_{102}^{(00)}m_{022}^{(10)}\\
&-2m_{101}^{(11)}m_{102}^{(10)}m_{220}^{(22)} + m_{101}^{(11)}m_{102}^{(10)}m_{211}^{(21)} + 2m_{101}^{(11)}m_{102}^{(10)}m_{121}^{(20)} - m_{101}^{(11)}m_{102}^{(10)}m_{022}^{(00)}\\
&+m_{101}^{(11)}m_{102}^{(11)}m_{310}^{(22)} - m_{101}^{(11)}m_{102}^{(11)}m_{211}^{(20)} + m_{101}^{(11)}m_{102}^{(20)}m_{220}^{(21)} - 2m_{101}^{(11)}m_{102}^{(20)}m_{121}^{(10)}\\
&+m_{101}^{(11)}m_{102}^{(20)}m_{031}^{(00)} - m_{101}^{(11)}m_{102}^{(21)}m_{310}^{(21)} + m_{101}^{(11)}m_{102}^{(21)}m_{121}^{(00)} + m_{101}^{(11)}m_{102}^{(22)}m_{220}^{(10)}\\
&-m_{101}^{(11)}m_{102}^{(22)}m_{130}^{(00)} - 2m_{101}^{(11)}m_{021}^{(00)}m_{112}^{(20)} + 2m_{101}^{(11)}m_{021}^{(00)}m_{103}^{(10)} + 2m_{101}^{(11)}m_{021}^{(10)}m_{202}^{(20)}\\
&-2m_{101}^{(11)}m_{021}^{(10)}m_{103}^{(00)} + 2m_{101}^{(11)}m_{021}^{(20)}m_{211}^{(20)} - 4m_{101}^{(11)}m_{021}^{(20)}m_{202}^{(10)} + 2m_{101}^{(11)}m_{021}^{(20)}m_{112}^{(00)}\\
&-2m_{101}^{(11)}m_{021}^{(21)}m_{301}^{(20)} + 2m_{101}^{(11)}m_{021}^{(21)}m_{202}^{(00)} + 2m_{101}^{(11)}m_{021}^{(22)}m_{301}^{(10)} - 2m_{101}^{(11)}m_{021}^{(22)}m_{211}^{(00)}\\
&+3m_{101}^{(11)}m_{012}^{(00)}m_{121}^{(20)} - 3m_{101}^{(11)}m_{012}^{(00)}m_{112}^{(10)} - 5m_{101}^{(11)}m_{012}^{(10)}m_{211}^{(20)} + 2m_{101}^{(11)}m_{012}^{(10)}m_{202}^{(10)}\\
&+3m_{101}^{(11)}m_{012}^{(10)}m_{112}^{(00)} + 2m_{101}^{(11)}m_{012}^{(11)}m_{301}^{(20)} - 2m_{101}^{(11)}m_{012}^{(11)}m_{202}^{(00)} - m_{101}^{(11)}m_{012}^{(20)}m_{220}^{(20)}\\
&+4m_{101}^{(11)}m_{012}^{(20)}m_{211}^{(10)} - 3m_{101}^{(11)}m_{012}^{(20)}m_{121}^{(00)} + m_{101}^{(11)}m_{012}^{(21)}m_{310}^{(20)} - 2m_{101}^{(11)}m_{012}^{(21)}m_{301}^{(10)}\\
&+m_{101}^{(11)}m_{012}^{(21)}m_{211}^{(00)} - m_{101}^{(11)}m_{012}^{(22)}m_{310}^{(10)} + m_{101}^{(11)}m_{012}^{(22)}m_{220}^{(00)} - m_{101}^{(11)}m_{003}^{(00)}m_{130}^{(20)}\\
&+m_{101}^{(11)}m_{003}^{(00)}m_{121}^{(10)} + 2m_{101}^{(11)}m_{003}^{(10)}m_{220}^{(20)} - m_{101}^{(11)}m_{003}^{(10)}m_{211}^{(10)} - m_{101}^{(11)}m_{003}^{(10)}m_{121}^{(00)}\\
&-m_{101}^{(11)}m_{003}^{(11)}m_{310}^{(20)} + m_{101}^{(11)}m_{003}^{(11)}m_{211}^{(00)} - m_{101}^{(11)}m_{003}^{(20)}m_{220}^{(10)} + m_{101}^{(11)}m_{003}^{(20)}m_{130}^{(00)}\\
&+m_{101}^{(11)}m_{003}^{(21)}m_{310}^{(10)} - m_{101}^{(11)}m_{003}^{(21)}m_{220}^{(00)} + m_{101}^{(20)}m_{210}^{(10)}m_{031}^{(22)} - 2m_{101}^{(20)}m_{210}^{(10)}m_{022}^{(21)}\\
&+m_{101}^{(20)}m_{210}^{(10)}m_{013}^{(11)} - m_{101}^{(20)}m_{210}^{(11)}m_{121}^{(22)} + m_{101}^{(20)}m_{210}^{(11)}m_{112}^{(21)} + m_{101}^{(20)}m_{210}^{(11)}m_{022}^{(20)}\\
&-m_{101}^{(20)}m_{210}^{(11)}m_{013}^{(10)} - m_{101}^{(20)}m_{210}^{(20)}m_{040}^{(22)} + 2m_{101}^{(20)}m_{210}^{(20)}m_{031}^{(21)} - m_{101}^{(20)}m_{210}^{(20)}m_{022}^{(11)}\\
&+m_{101}^{(20)}m_{210}^{(21)}m_{130}^{(22)} - m_{101}^{(20)}m_{210}^{(21)}m_{112}^{(11)} - 2m_{101}^{(20)}m_{210}^{(21)}m_{031}^{(20)} + 2m_{101}^{(20)}m_{210}^{(21)}m_{022}^{(10)}\\
&-m_{101}^{(20)}m_{210}^{(22)}m_{130}^{(21)} + m_{101}^{(20)}m_{210}^{(22)}m_{121}^{(11)} + m_{101}^{(20)}m_{210}^{(22)}m_{040}^{(20)} - m_{101}^{(20)}m_{210}^{(22)}m_{031}^{(10)}\\
&-m_{101}^{(20)}m_{120}^{(00)}m_{031}^{(22)} + 2m_{101}^{(20)}m_{120}^{(00)}m_{022}^{(21)} - m_{101}^{(20)}m_{120}^{(00)}m_{013}^{(11)} + m_{101}^{(20)}m_{120}^{(11)}m_{211}^{(22)}\\
&-2m_{101}^{(20)}m_{120}^{(11)}m_{112}^{(20)} + m_{101}^{(20)}m_{120}^{(11)}m_{013}^{(00)} + 2m_{101}^{(20)}m_{120}^{(20)}m_{130}^{(22)} - 4m_{101}^{(20)}m_{120}^{(20)}m_{121}^{(21)}\\
&+2m_{101}^{(20)}m_{120}^{(20)}m_{112}^{(11)} - 2m_{101}^{(20)}m_{120}^{(21)}m_{220}^{(22)} + 4m_{101}^{(20)}m_{120}^{(21)}m_{121}^{(20)} - 2m_{101}^{(20)}m_{120}^{(21)}m_{022}^{(00)}\\
&+2m_{101}^{(20)}m_{120}^{(22)}m_{220}^{(21)} - m_{101}^{(20)}m_{120}^{(22)}m_{211}^{(11)} - 2m_{101}^{(20)}m_{120}^{(22)}m_{130}^{(20)} + m_{101}^{(20)}m_{120}^{(22)}m_{031}^{(00)}\\
&+m_{101}^{(20)}m_{111}^{(00)}m_{040}^{(22)} - 2m_{101}^{(20)}m_{111}^{(00)}m_{031}^{(21)} + m_{101}^{(20)}m_{111}^{(00)}m_{022}^{(11)} - 2m_{101}^{(20)}m_{111}^{(10)}m_{130}^{(22)}\\
&+4m_{101}^{(20)}m_{111}^{(10)}m_{121}^{(21)} - 2m_{101}^{(20)}m_{111}^{(10)}m_{112}^{(11)} + m_{101}^{(20)}m_{111}^{(11)}m_{220}^{(22)} - 2m_{101}^{(20)}m_{111}^{(11)}m_{211}^{(21)}\\
&+2m_{101}^{(20)}m_{111}^{(11)}m_{112}^{(10)} - m_{101}^{(20)}m_{111}^{(11)}m_{022}^{(00)} + 2m_{101}^{(20)}m_{111}^{(21)}m_{211}^{(11)} - 4m_{101}^{(20)}m_{111}^{(21)}m_{121}^{(10)}\\
&+2m_{101}^{(20)}m_{111}^{(21)}m_{031}^{(00)} - m_{101}^{(20)}m_{111}^{(22)}m_{220}^{(11)} + 2m_{101}^{(20)}m_{111}^{(22)}m_{130}^{(10)} - m_{101}^{(20)}m_{111}^{(22)}m_{040}^{(00)}\\
&+m_{101}^{(20)}m_{030}^{(00)}m_{121}^{(22)} - m_{101}^{(20)}m_{030}^{(00)}m_{112}^{(21)} - m_{101}^{(20)}m_{030}^{(00)}m_{022}^{(20)} + m_{101}^{(20)}m_{030}^{(00)}m_{013}^{(10)}\\
&-m_{101}^{(20)}m_{030}^{(10)}m_{211}^{(22)} + 2m_{101}^{(20)}m_{030}^{(10)}m_{112}^{(20)} - m_{101}^{(20)}m_{030}^{(10)}m_{013}^{(00)} - m_{101}^{(20)}m_{030}^{(20)}m_{220}^{(22)}\\
&+2m_{101}^{(20)}m_{030}^{(20)}m_{211}^{(21)} - 2m_{101}^{(20)}m_{030}^{(20)}m_{112}^{(10)} + m_{101}^{(20)}m_{030}^{(20)}m_{022}^{(00)} + m_{101}^{(20)}m_{030}^{(21)}m_{310}^{(22)}
\end{aligned}
$$

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\begin{aligned}
&-2m_{101}^{(20)}m_{030}^{(21)}m_{211}^{(20)} + m_{101}^{(20)}m_{030}^{(21)}m_{112}^{(00)} - m_{101}^{(20)}m_{030}^{(22)}m_{310}^{(21)} + m_{101}^{(20)}m_{030}^{(22)}m_{220}^{(20)}\\
&+m_{101}^{(20)}m_{030}^{(22)}m_{211}^{(10)} - m_{101}^{(20)}m_{030}^{(22)}m_{121}^{(00)} - m_{101}^{(20)}m_{021}^{(00)}m_{130}^{(22)} + m_{101}^{(20)}m_{021}^{(00)}m_{112}^{(11)}\\
&+2m_{101}^{(20)}m_{021}^{(00)}m_{031}^{(20)} - 2m_{101}^{(20)}m_{021}^{(00)}m_{022}^{(10)} + 2m_{101}^{(20)}m_{021}^{(10)}m_{220}^{(22)} - 4m_{101}^{(20)}m_{021}^{(10)}m_{121}^{(20)}\\
&+2m_{101}^{(20)}m_{021}^{(10)}m_{022}^{(00)} - m_{101}^{(20)}m_{021}^{(11)}m_{310}^{(22)} + 2m_{101}^{(20)}m_{021}^{(11)}m_{211}^{(20)} - m_{101}^{(20)}m_{021}^{(11)}m_{112}^{(00)}\\
&-2m_{101}^{(20)}m_{021}^{(20)}m_{211}^{(11)} + 4m_{101}^{(20)}m_{021}^{(20)}m_{121}^{(10)} - 2m_{101}^{(20)}m_{021}^{(20)}m_{031}^{(00)} + m_{101}^{(20)}m_{021}^{(22)}m_{310}^{(11)}\\
&-2m_{101}^{(20)}m_{021}^{(22)}m_{220}^{(10)} + m_{101}^{(20)}m_{021}^{(22)}m_{130}^{(00)} + m_{101}^{(20)}m_{012}^{(00)}m_{130}^{(21)} - m_{101}^{(20)}m_{012}^{(00)}m_{121}^{(11)}\\
&-m_{101}^{(20)}m_{012}^{(00)}m_{040}^{(20)} + m_{101}^{(20)}m_{012}^{(00)}m_{031}^{(10)} - 2m_{101}^{(20)}m_{012}^{(10)}m_{220}^{(21)} + m_{101}^{(20)}m_{012}^{(10)}m_{211}^{(11)}\\
&+2m_{101}^{(20)}m_{012}^{(10)}m_{130}^{(20)} - m_{101}^{(20)}m_{012}^{(10)}m_{031}^{(00)} + m_{101}^{(20)}m_{012}^{(11)}m_{310}^{(21)} - m_{101}^{(20)}m_{012}^{(11)}m_{220}^{(20)}\\
&-m_{101}^{(20)}m_{012}^{(11)}m_{211}^{(10)} + m_{101}^{(20)}m_{012}^{(11)}m_{121}^{(00)} + m_{101}^{(20)}m_{012}^{(20)}m_{220}^{(11)} - 2m_{101}^{(20)}m_{012}^{(20)}m_{130}^{(10)}\\
&+m_{101}^{(20)}m_{012}^{(20)}m_{040}^{(00)} - m_{101}^{(20)}m_{012}^{(21)}m_{310}^{(11)} + 2m_{101}^{(20)}m_{012}^{(21)}m_{220}^{(10)} - m_{101}^{(20)}m_{012}^{(21)}m_{130}^{(00)}\\
&-m_{101}^{(21)}m_{300}^{(10)}m_{031}^{(22)} + m_{101}^{(21)}m_{300}^{(10)}m_{013}^{(11)} + m_{101}^{(21)}m_{300}^{(11)}m_{121}^{(22)} + m_{101}^{(21)}m_{300}^{(11)}m_{112}^{(21)}\\
&-m_{101}^{(21)}m_{300}^{(11)}m_{022}^{(20)} - m_{101}^{(21)}m_{300}^{(11)}m_{013}^{(10)} + m_{101}^{(21)}m_{300}^{(20)}m_{040}^{(22)} - m_{101}^{(21)}m_{300}^{(20)}m_{022}^{(11)}\\
&-m_{101}^{(21)}m_{300}^{(21)}m_{130}^{(22)} - 2m_{101}^{(21)}m_{300}^{(21)}m_{121}^{(21)} - m_{101}^{(21)}m_{300}^{(21)}m_{112}^{(11)} + 2m_{101}^{(21)}m_{300}^{(21)}m_{031}^{(20)}\\
&+2m_{101}^{(21)}m_{300}^{(21)}m_{022}^{(10)} + m_{101}^{(21)}m_{300}^{(22)}m_{130}^{(21)} + m_{101}^{(21)}m_{300}^{(22)}m_{121}^{(11)} - m_{101}^{(21)}m_{300}^{(22)}m_{040}^{(20)}\\
&-m_{101}^{(21)}m_{300}^{(22)}m_{031}^{(10)} + m_{101}^{(21)}m_{210}^{(00)}m_{031}^{(22)} - m_{101}^{(21)}m_{210}^{(00)}m_{013}^{(11)} - 2m_{101}^{(21)}m_{210}^{(10)}m_{103}^{(11)}\\
&+2m_{101}^{(21)}m_{210}^{(10)}m_{022}^{(20)} - m_{101}^{(21)}m_{210}^{(11)}m_{211}^{(22)} - 2m_{101}^{(21)}m_{210}^{(11)}m_{202}^{(21)} + 2m_{101}^{(21)}m_{210}^{(11)}m_{103}^{(10)}\\
&+m_{101}^{(21)}m_{210}^{(11)}m_{013}^{(00)} - 2m_{101}^{(21)}m_{210}^{(20)}m_{130}^{(22)} + 4m_{101}^{(21)}m_{210}^{(20)}m_{112}^{(11)} - 2m_{101}^{(21)}m_{210}^{(20)}m_{031}^{(20)}\\
&+2m_{101}^{(21)}m_{210}^{(21)}m_{220}^{(22)} + 4m_{101}^{(21)}m_{210}^{(21)}m_{211}^{(21)} + 2m_{101}^{(21)}m_{210}^{(21)}m_{202}^{(11)} - 2m_{101}^{(21)}m_{210}^{(21)}m_{121}^{(20)}\\
&-4m_{101}^{(21)}m_{210}^{(21)}m_{112}^{(10)} - 2m_{101}^{(21)}m_{210}^{(21)}m_{022}^{(00)} - 2m_{101}^{(21)}m_{210}^{(22)}m_{220}^{(21)} - 3m_{101}^{(21)}m_{210}^{(22)}m_{211}^{(11)}\\
&+2m_{101}^{(21)}m_{210}^{(22)}m_{130}^{(20)} + 2m_{101}^{(21)}m_{210}^{(22)}m_{121}^{(10)} + m_{101}^{(21)}m_{210}^{(22)}m_{031}^{(00)} - m_{101}^{(21)}m_{201}^{(00)}m_{040}^{(22)}\\
&+m_{101}^{(21)}m_{201}^{(00)}m_{022}^{(11)} + 2m_{101}^{(21)}m_{201}^{(10)}m_{130}^{(22)} - 2m_{101}^{(21)}m_{201}^{(10)}m_{022}^{(10)} - m_{101}^{(21)}m_{201}^{(11)}m_{220}^{(22)}\\
&+m_{101}^{(21)}m_{201}^{(11)}m_{022}^{(00)} - 2m_{101}^{(21)}m_{201}^{(20)}m_{121}^{(11)} + 2m_{101}^{(21)}m_{201}^{(20)}m_{031}^{(10)} + 2m_{101}^{(21)}m_{201}^{(21)}m_{121}^{(10)}\\
&-2m_{101}^{(21)}m_{201}^{(21)}m_{031}^{(00)} + m_{101}^{(21)}m_{201}^{(22)}m_{220}^{(11)} - 2m_{101}^{(21)}m_{201}^{(22)}m_{130}^{(10)} + m_{101}^{(21)}m_{201}^{(22)}m_{040}^{(00)}\\
&-m_{101}^{(21)}m_{120}^{(00)}m_{121}^{(22)} - m_{101}^{(21)}m_{120}^{(00)}m_{112}^{(21)} + 2m_{101}^{(21)}m_{120}^{(00)}m_{103}^{(11)} - m_{101}^{(21)}m_{120}^{(00)}m_{022}^{(20)}\\
&+m_{101}^{(21)}m_{120}^{(00)}m_{013}^{(10)} + m_{101}^{(21)}m_{120}^{(10)}m_{211}^{(22)} + 2m_{101}^{(21)}m_{120}^{(10)}m_{202}^{(21)} - 2m_{101}^{(21)}m_{120}^{(10)}m_{112}^{(20)}\\
&-m_{101}^{(21)}m_{120}^{(10)}m_{013}^{(00)} + 2m_{101}^{(21)}m_{120}^{(11)}m_{202}^{(20)} - 2m_{101}^{(21)}m_{120}^{(11)}m_{103}^{(00)} + m_{101}^{(21)}m_{120}^{(20)}m_{220}^{(22)}\\
&-4m_{101}^{(21)}m_{120}^{(20)}m_{202}^{(11)} + 4m_{101}^{(21)}m_{120}^{(20)}m_{121}^{(20)} - 2m_{101}^{(21)}m_{120}^{(20)}m_{112}^{(10)} + m_{101}^{(21)}m_{120}^{(20)}m_{022}^{(00)}\\
&-m_{101}^{(21)}m_{120}^{(21)}m_{310}^{(22)} - 2m_{101}^{(21)}m_{120}^{(21)}m_{301}^{(21)} - 2m_{101}^{(21)}m_{120}^{(21)}m_{211}^{(20)} + 5m_{101}^{(21)}m_{120}^{(21)}m_{112}^{(00)}\\
&+m_{101}^{(21)}m_{120}^{(22)}m_{310}^{(21)} + 2m_{101}^{(21)}m_{120}^{(22)}m_{301}^{(11)} - m_{101}^{(21)}m_{120}^{(22)}m_{220}^{(20)} + m_{101}^{(21)}m_{120}^{(22)}m_{211}^{(10)}\\
&-3m_{101}^{(21)}m_{120}^{(22)}m_{121}^{(00)} + m_{101}^{(21)}m_{111}^{(00)}m_{130}^{(22)} + 2m_{101}^{(21)}m_{111}^{(00)}m_{121}^{(21)} - 3m_{101}^{(21)}m_{111}^{(00)}m_{112}^{(11)}\\
&-2m_{101}^{(21)}m_{111}^{(10)}m_{220}^{(22)} - 4m_{101}^{(21)}m_{111}^{(10)}m_{211}^{(21)} + 2m_{101}^{(21)}m_{111}^{(10)}m_{202}^{(11)} + 4m_{101}^{(21)}m_{111}^{(10)}m_{112}^{(10)}\\
&+m_{101}^{(21)}m_{111}^{(11)}m_{310}^{(22)} + 2m_{101}^{(21)}m_{111}^{(11)}m_{301}^{(21)} - 2m_{101}^{(21)}m_{111}^{(11)}m_{202}^{(10)} - m_{101}^{(21)}m_{111}^{(11)}m_{112}^{(00)}\\
&+4m_{101}^{(21)}m_{111}^{(20)}m_{211}^{(11)} - 4m_{101}^{(21)}m_{111}^{(20)}m_{121}^{(10)} - 2m_{101}^{(21)}m_{111}^{(21)}m_{301}^{(11)} + 2m_{101}^{(21)}m_{111}^{(21)}m_{121}^{(00)}\\
&-m_{101}^{(21)}m_{111}^{(22)}m_{310}^{(11)} + 2m_{101}^{(21)}m_{111}^{(22)}m_{220}^{(10)} - m_{101}^{(21)}m_{111}^{(22)}m_{130}^{(00)} - m_{101}^{(21)}m_{102}^{(00)}m_{130}^{(21)}\\
&+m_{101}^{(21)}m_{102}^{(00)}m_{121}^{(11)} + m_{101}^{(21)}m_{102}^{(00)}m_{040}^{(20)} - m_{101}^{(21)}m_{102}^{(00)}m_{031}^{(10)} + 2m_{101}^{(21)}m_{102}^{(10)}m_{220}^{(21)}\\
&-m_{101}^{(21)}m_{102}^{(10)}m_{211}^{(11)} - 2m_{101}^{(21)}m_{102}^{(10)}m_{130}^{(20)} + m_{101}^{(21)}m_{102}^{(10)}m_{031}^{(00)} - m_{101}^{(21)}m_{102}^{(11)}m_{310}^{(21)}\\
&+m_{101}^{(21)}m_{102}^{(11)}m_{220}^{(20)} + m_{101}^{(21)}m_{102}^{(11)}m_{211}^{(10)} - m_{101}^{(21)}m_{102}^{(11)}m_{121}^{(00)} - m_{101}^{(21)}m_{102}^{(20)}m_{220}^{(11)}\\
&+2m_{101}^{(21)}m_{102}^{(20)}m_{130}^{(10)} - m_{101}^{(21)}m_{102}^{(20)}m_{040}^{(00)} + m_{101}^{(21)}m_{102}^{(21)}m_{310}^{(11)} - 2m_{101}^{(21)}m_{102}^{(21)}m_{220}^{(10)}
\end{aligned}
$$

$$+m_{101}^{(21)}m_{102}^{(21)}m_{130}^{(00)}+2m_{101}^{(21)}m_{030}^{(00)}m_{112}^{(20)}-2m_{101}^{(21)}m_{030}^{(00)}m_{103}^{(10)}-2m_{101}^{(21)}m_{030}^{(10)}m_{202}^{(20)}$$
$$+2m_{101}^{(21)}m_{030}^{(10)}m_{103}^{(00)}-2m_{101}^{(21)}m_{030}^{(20)}m_{211}^{(20)}+4m_{101}^{(21)}m_{030}^{(20)}m_{202}^{(10)}-2m_{101}^{(21)}m_{030}^{(20)}m_{112}^{(00)}$$
$$+2m_{101}^{(21)}m_{030}^{(21)}m_{301}^{(20)}-2m_{101}^{(21)}m_{030}^{(21)}m_{202}^{(00)}-2m_{101}^{(21)}m_{030}^{(22)}m_{301}^{(10)}+2m_{101}^{(21)}m_{030}^{(22)}m_{211}^{(00)}$$
$$-2m_{101}^{(21)}m_{021}^{(00)}m_{121}^{(20)}+2m_{101}^{(21)}m_{021}^{(00)}m_{112}^{(10)}+4m_{101}^{(21)}m_{021}^{(10)}m_{211}^{(20)}-2m_{101}^{(21)}m_{021}^{(10)}m_{202}^{(10)}$$
$$-2m_{101}^{(21)}m_{021}^{(10)}m_{112}^{(00)}-2m_{101}^{(21)}m_{021}^{(11)}m_{301}^{(20)}+2m_{101}^{(21)}m_{021}^{(11)}m_{202}^{(00)}-2m_{101}^{(21)}m_{021}^{(20)}m_{211}^{(10)}$$
$$+2m_{101}^{(21)}m_{021}^{(20)}m_{121}^{(00)}+2m_{101}^{(21)}m_{021}^{(21)}m_{301}^{(10)}-2m_{101}^{(21)}m_{021}^{(21)}m_{211}^{(00)}+m_{101}^{(22)}m_{300}^{(10)}m_{031}^{(21)}$$
$$-m_{101}^{(22)}m_{300}^{(10)}m_{022}^{(11)}-m_{101}^{(22)}m_{300}^{(11)}m_{121}^{(21)}+m_{101}^{(22)}m_{300}^{(11)}m_{022}^{(10)}-m_{101}^{(22)}m_{300}^{(20)}m_{040}^{(21)}$$
$$+m_{101}^{(22)}m_{300}^{(20)}m_{031}^{(11)}+m_{101}^{(22)}m_{300}^{(21)}m_{130}^{(21)}+m_{101}^{(22)}m_{300}^{(21)}m_{121}^{(11)}-2m_{101}^{(22)}m_{300}^{(21)}m_{031}^{(10)}$$
$$-m_{101}^{(22)}m_{300}^{(22)}m_{130}^{(11)}+m_{101}^{(22)}m_{300}^{(22)}m_{040}^{(10)}-m_{101}^{(22)}m_{210}^{(00)}m_{031}^{(21)}+m_{101}^{(22)}m_{210}^{(00)}m_{022}^{(11)}$$
$$+m_{101}^{(22)}m_{210}^{(10)}m_{112}^{(11)}-m_{101}^{(22)}m_{210}^{(10)}m_{031}^{(20)}+m_{101}^{(22)}m_{210}^{(11)}m_{211}^{(21)}+m_{101}^{(22)}m_{210}^{(11)}m_{121}^{(20)}$$
$$-m_{101}^{(22)}m_{210}^{(11)}m_{112}^{(10)}-m_{101}^{(22)}m_{210}^{(11)}m_{022}^{(00)}+2m_{101}^{(22)}m_{210}^{(20)}m_{130}^{(21)}-3m_{101}^{(22)}m_{210}^{(20)}m_{121}^{(11)}$$
$$+m_{101}^{(22)}m_{210}^{(20)}m_{040}^{(20)}-2m_{101}^{(22)}m_{210}^{(21)}m_{220}^{(21)}-m_{101}^{(22)}m_{210}^{(21)}m_{211}^{(11)}-m_{101}^{(22)}m_{210}^{(21)}m_{130}^{(20)}$$
$$+2m_{101}^{(22)}m_{210}^{(21)}m_{121}^{(10)}+2m_{101}^{(22)}m_{210}^{(21)}m_{031}^{(00)}+2m_{101}^{(22)}m_{210}^{(22)}m_{220}^{(11)}-m_{101}^{(22)}m_{210}^{(22)}m_{130}^{(10)}$$
$$-m_{101}^{(22)}m_{210}^{(22)}m_{040}^{(00)}+m_{101}^{(22)}m_{201}^{(00)}m_{040}^{(21)}-m_{101}^{(22)}m_{201}^{(00)}m_{031}^{(11)}-2m_{101}^{(22)}m_{201}^{(10)}m_{130}^{(21)}$$
$$+m_{101}^{(22)}m_{201}^{(10)}m_{121}^{(11)}+m_{101}^{(22)}m_{201}^{(10)}m_{031}^{(10)}+m_{101}^{(22)}m_{201}^{(11)}m_{220}^{(21)}-m_{101}^{(22)}m_{201}^{(11)}m_{121}^{(10)}$$
$$+m_{101}^{(22)}m_{201}^{(20)}m_{130}^{(11)}-m_{101}^{(22)}m_{201}^{(20)}m_{040}^{(10)}-m_{101}^{(22)}m_{201}^{(21)}m_{220}^{(11)}+m_{101}^{(22)}m_{201}^{(21)}m_{130}^{(10)}$$
$$+m_{101}^{(22)}m_{120}^{(00)}m_{121}^{(21)}-m_{101}^{(22)}m_{120}^{(00)}m_{112}^{(11)}+m_{101}^{(22)}m_{120}^{(00)}m_{031}^{(20)}-m_{101}^{(22)}m_{120}^{(00)}m_{022}^{(10)}$$
$$-m_{101}^{(22)}m_{120}^{(10)}m_{211}^{(21)}+m_{101}^{(22)}m_{120}^{(10)}m_{022}^{(00)}-m_{101}^{(22)}m_{120}^{(11)}m_{211}^{(20)}+m_{101}^{(22)}m_{120}^{(11)}m_{112}^{(00)}$$
$$-m_{101}^{(22)}m_{120}^{(20)}m_{220}^{(21)}+2m_{101}^{(22)}m_{120}^{(20)}m_{211}^{(11)}-2m_{101}^{(22)}m_{120}^{(20)}m_{130}^{(20)}+2m_{101}^{(22)}m_{120}^{(20)}m_{121}^{(10)}$$
$$-m_{101}^{(22)}m_{120}^{(20)}m_{031}^{(00)}+m_{101}^{(22)}m_{120}^{(21)}m_{310}^{(21)}+2m_{101}^{(22)}m_{120}^{(21)}m_{220}^{(20)}-3m_{101}^{(22)}m_{120}^{(21)}m_{121}^{(00)}$$
$$-m_{101}^{(22)}m_{120}^{(22)}m_{310}^{(11)}-m_{101}^{(22)}m_{120}^{(22)}m_{220}^{(10)}+2m_{101}^{(22)}m_{120}^{(22)}m_{130}^{(00)}-m_{101}^{(22)}m_{111}^{(00)}m_{130}^{(21)}$$
$$+m_{101}^{(22)}m_{111}^{(00)}m_{121}^{(11)}-m_{101}^{(22)}m_{111}^{(00)}m_{040}^{(20)}+m_{101}^{(22)}m_{111}^{(00)}m_{031}^{(10)}+2m_{101}^{(22)}m_{111}^{(10)}m_{220}^{(21)}$$
$$-m_{101}^{(22)}m_{111}^{(10)}m_{211}^{(11)}+2m_{101}^{(22)}m_{111}^{(10)}m_{130}^{(20)}-2m_{101}^{(22)}m_{111}^{(10)}m_{121}^{(10)}-m_{101}^{(22)}m_{111}^{(10)}m_{031}^{(00)}$$
$$-m_{101}^{(22)}m_{111}^{(11)}m_{310}^{(21)}-m_{101}^{(22)}m_{111}^{(11)}m_{220}^{(20)}+m_{101}^{(22)}m_{111}^{(11)}m_{211}^{(10)}+m_{101}^{(22)}m_{111}^{(11)}m_{121}^{(00)}$$
$$-m_{101}^{(22)}m_{111}^{(20)}m_{220}^{(11)}+m_{101}^{(22)}m_{111}^{(20)}m_{040}^{(00)}+m_{101}^{(22)}m_{111}^{(21)}m_{310}^{(11)}-m_{101}^{(22)}m_{111}^{(21)}m_{130}^{(00)}$$
$$-m_{101}^{(22)}m_{030}^{(00)}m_{121}^{(20)}+m_{101}^{(22)}m_{030}^{(00)}m_{112}^{(10)}+m_{101}^{(22)}m_{030}^{(10)}m_{211}^{(20)}-m_{101}^{(22)}m_{030}^{(10)}m_{112}^{(00)}$$
$$+m_{101}^{(22)}m_{030}^{(20)}m_{220}^{(20)}-2m_{101}^{(22)}m_{030}^{(20)}m_{211}^{(10)}+m_{101}^{(22)}m_{030}^{(20)}m_{121}^{(00)}-m_{101}^{(22)}m_{030}^{(21)}m_{310}^{(20)}$$
$$+m_{101}^{(22)}m_{030}^{(21)}m_{211}^{(00)}+m_{101}^{(22)}m_{030}^{(22)}m_{310}^{(10)}-m_{101}^{(22)}m_{030}^{(22)}m_{220}^{(00)}+m_{101}^{(22)}m_{021}^{(00)}m_{130}^{(20)}$$
$$-m_{101}^{(22)}m_{021}^{(00)}m_{121}^{(10)}-2m_{101}^{(22)}m_{021}^{(10)}m_{220}^{(20)}+m_{101}^{(22)}m_{021}^{(10)}m_{211}^{(10)}+m_{101}^{(22)}m_{021}^{(10)}m_{121}^{(00)}$$
$$+m_{101}^{(22)}m_{021}^{(11)}m_{310}^{(20)}-m_{101}^{(22)}m_{021}^{(11)}m_{211}^{(00)}+m_{101}^{(22)}m_{021}^{(20)}m_{220}^{(10)}-m_{101}^{(22)}m_{021}^{(20)}m_{130}^{(00)}$$
$$-m_{101}^{(22)}m_{021}^{(21)}m_{310}^{(10)}+m_{101}^{(22)}m_{021}^{(21)}m_{220}^{(00)}-m_{020}^{(00)}m_{210}^{(10)}m_{013}^{(22)}+m_{020}^{(00)}m_{210}^{(10)}m_{004}^{(21)}$$
$$+m_{020}^{(00)}m_{210}^{(11)}m_{103}^{(22)}-m_{020}^{(00)}m_{210}^{(11)}m_{004}^{(20)}+m_{020}^{(00)}m_{210}^{(20)}m_{022}^{(22)}-m_{020}^{(00)}m_{210}^{(20)}m_{013}^{(21)}$$
$$-m_{020}^{(00)}m_{210}^{(21)}m_{112}^{(22)}-m_{020}^{(00)}m_{210}^{(21)}m_{103}^{(21)}+2m_{020}^{(00)}m_{210}^{(21)}m_{013}^{(20)}+m_{020}^{(00)}m_{210}^{(22)}m_{112}^{(21)}$$
$$-m_{020}^{(00)}m_{210}^{(22)}m_{022}^{(20)}+m_{020}^{(00)}m_{201}^{(10)}m_{013}^{(21)}-m_{020}^{(00)}m_{201}^{(10)}m_{004}^{(11)}-m_{020}^{(00)}m_{201}^{(11)}m_{103}^{(21)}$$
$$+m_{020}^{(00)}m_{201}^{(11)}m_{004}^{(10)}-m_{020}^{(00)}m_{201}^{(20)}m_{022}^{(21)}+m_{020}^{(00)}m_{201}^{(20)}m_{013}^{(11)}+m_{020}^{(00)}m_{201}^{(21)}m_{112}^{(21)}$$
$$+m_{020}^{(00)}m_{201}^{(21)}m_{103}^{(11)}-2m_{020}^{(00)}m_{201}^{(21)}m_{013}^{(10)}-m_{020}^{(00)}m_{201}^{(22)}m_{112}^{(11)}+m_{020}^{(00)}m_{201}^{(22)}m_{022}^{(10)}$$
$$+m_{020}^{(00)}m_{120}^{(00)}m_{013}^{(22)}-m_{020}^{(00)}m_{120}^{(00)}m_{004}^{(21)}-m_{020}^{(00)}m_{120}^{(10)}m_{103}^{(22)}+m_{020}^{(00)}m_{120}^{(10)}m_{004}^{(20)}$$
$$-m_{020}^{(00)}m_{120}^{(20)}m_{112}^{(22)}+2m_{020}^{(00)}m_{120}^{(20)}m_{103}^{(21)}-m_{020}^{(00)}m_{120}^{(20)}m_{013}^{(20)}+m_{020}^{(00)}m_{120}^{(21)}m_{202}^{(22)}$$

$$
\begin{aligned}
&-m_{020}^{(00)} m_{120}^{(21)} m_{103}^{(20)} - m_{020}^{(00)} m_{120}^{(22)} m_{202}^{(21)} + m_{020}^{(00)} m_{120}^{(22)} m_{112}^{(20)} - m_{020}^{(00)} m_{111}^{(00)} m_{022}^{(22)} \\
&+m_{020}^{(00)} m_{111}^{(00)} m_{004}^{(11)} + 3m_{020}^{(00)} m_{111}^{(10)} m_{112}^{(22)} - m_{020}^{(00)} m_{111}^{(10)} m_{103}^{(21)} - m_{020}^{(00)} m_{111}^{(10)} m_{013}^{(20)} \\
&-m_{020}^{(00)} m_{111}^{(10)} m_{004}^{(10)} - 2m_{020}^{(00)} m_{111}^{(11)} m_{202}^{(22)} + 2m_{020}^{(00)} m_{111}^{(11)} m_{103}^{(20)} - m_{020}^{(00)} m_{111}^{(20)} m_{121}^{(22)} \\
&+m_{020}^{(00)} m_{111}^{(20)} m_{112}^{(21)} - 2m_{020}^{(00)} m_{111}^{(20)} m_{103}^{(11)} + m_{020}^{(00)} m_{111}^{(20)} m_{022}^{(20)} + m_{020}^{(00)} m_{111}^{(20)} m_{013}^{(10)} \\
&+m_{020}^{(00)} m_{111}^{(21)} m_{211}^{(22)} + m_{020}^{(00)} m_{111}^{(21)} m_{202}^{(21)} - 3m_{020}^{(00)} m_{111}^{(21)} m_{112}^{(20)} + m_{020}^{(00)} m_{111}^{(21)} m_{103}^{(10)} \\
&-m_{020}^{(00)} m_{111}^{(22)} m_{211}^{(21)} + m_{020}^{(00)} m_{111}^{(22)} m_{202}^{(11)} + m_{020}^{(00)} m_{111}^{(22)} m_{121}^{(20)} - m_{020}^{(00)} m_{111}^{(22)} m_{112}^{(10)} \\
&+m_{020}^{(00)} m_{102}^{(00)} m_{022}^{(21)} - m_{020}^{(00)} m_{102}^{(00)} m_{013}^{(11)} - 3m_{020}^{(00)} m_{102}^{(10)} m_{112}^{(21)} + 2m_{020}^{(00)} m_{102}^{(10)} m_{103}^{(11)} \\
&+m_{020}^{(00)} m_{102}^{(10)} m_{013}^{(10)} + 2m_{020}^{(00)} m_{102}^{(11)} m_{202}^{(21)} - 2m_{020}^{(00)} m_{102}^{(11)} m_{103}^{(10)} + m_{020}^{(00)} m_{102}^{(20)} m_{121}^{(21)} \\
&-m_{020}^{(00)} m_{102}^{(20)} m_{022}^{(10)} - m_{020}^{(00)} m_{102}^{(21)} m_{211}^{(21)} - 2m_{020}^{(00)} m_{102}^{(21)} m_{202}^{(11)} + 3m_{020}^{(00)} m_{102}^{(21)} m_{112}^{(10)} \\
&+m_{020}^{(00)} m_{102}^{(22)} m_{211}^{(11)} - m_{020}^{(00)} m_{102}^{(22)} m_{121}^{(10)} - m_{020}^{(00)} m_{021}^{(00)} m_{112}^{(22)} + m_{020}^{(00)} m_{021}^{(00)} m_{103}^{(21)} \\
&+m_{020}^{(00)} m_{021}^{(10)} m_{202}^{(22)} - m_{020}^{(00)} m_{021}^{(10)} m_{103}^{(20)} + m_{020}^{(00)} m_{021}^{(20)} m_{211}^{(22)} - 2m_{020}^{(00)} m_{021}^{(20)} m_{202}^{(21)} \\
&+m_{020}^{(00)} m_{021}^{(20)} m_{112}^{(20)} - m_{020}^{(00)} m_{021}^{(21)} m_{301}^{(22)} + m_{020}^{(00)} m_{021}^{(21)} m_{202}^{(20)} + m_{020}^{(00)} m_{021}^{(22)} m_{301}^{(21)} \\
&-m_{020}^{(00)} m_{021}^{(22)} m_{211}^{(20)} + m_{020}^{(00)} m_{012}^{(00)} m_{121}^{(22)} - m_{020}^{(00)} m_{012}^{(00)} m_{103}^{(11)} - 2m_{020}^{(00)} m_{012}^{(10)} m_{211}^{(22)} \\
&+m_{020}^{(00)} m_{012}^{(10)} m_{112}^{(20)} + m_{020}^{(00)} m_{012}^{(10)} m_{103}^{(10)} + m_{020}^{(00)} m_{012}^{(11)} m_{301}^{(22)} - m_{020}^{(00)} m_{012}^{(11)} m_{202}^{(20)} \\
&+2m_{020}^{(00)} m_{012}^{(20)} m_{202}^{(11)} - m_{020}^{(00)} m_{012}^{(20)} m_{121}^{(20)} - m_{020}^{(00)} m_{012}^{(20)} m_{112}^{(10)} + m_{020}^{(00)} m_{012}^{(21)} m_{211}^{(20)} \\
&-m_{020}^{(00)} m_{012}^{(21)} m_{202}^{(10)} - m_{020}^{(00)} m_{012}^{(22)} m_{301}^{(11)} + m_{020}^{(00)} m_{012}^{(22)} m_{211}^{(10)} - m_{020}^{(00)} m_{003}^{(00)} m_{121}^{(21)} \\
&+m_{020}^{(00)} m_{003}^{(00)} m_{112}^{(11)} + 2m_{020}^{(00)} m_{003}^{(10)} m_{211}^{(21)} - m_{020}^{(00)} m_{003}^{(10)} m_{202}^{(11)} - m_{020}^{(00)} m_{003}^{(10)} m_{112}^{(10)} \\
&-m_{020}^{(00)} m_{003}^{(11)} m_{301}^{(21)} + m_{020}^{(00)} m_{003}^{(11)} m_{202}^{(10)} - m_{020}^{(00)} m_{003}^{(20)} m_{211}^{(11)} + m_{020}^{(00)} m_{003}^{(20)} m_{121}^{(10)} \\
&+m_{020}^{(00)} m_{003}^{(21)} m_{301}^{(11)} - m_{020}^{(00)} m_{003}^{(21)} m_{211}^{(10)} + m_{020}^{(10)} m_{300}^{(10)} m_{013}^{(22)} - m_{020}^{(10)} m_{300}^{(10)} m_{004}^{(21)} \\
&-m_{020}^{(10)} m_{300}^{(11)} m_{103}^{(22)} + m_{020}^{(10)} m_{300}^{(11)} m_{004}^{(20)} - m_{020}^{(10)} m_{300}^{(20)} m_{022}^{(22)} + m_{020}^{(10)} m_{300}^{(20)} m_{013}^{(21)} \\
&+m_{020}^{(10)} m_{300}^{(21)} m_{112}^{(22)} + m_{020}^{(10)} m_{300}^{(21)} m_{103}^{(21)} - 2m_{020}^{(10)} m_{300}^{(21)} m_{013}^{(20)} - m_{020}^{(10)} m_{300}^{(22)} m_{112}^{(21)} \\
&+m_{020}^{(10)} m_{300}^{(22)} m_{022}^{(20)} - m_{020}^{(10)} m_{210}^{(00)} m_{013}^{(22)} + m_{020}^{(10)} m_{210}^{(00)} m_{004}^{(21)} + m_{020}^{(10)} m_{210}^{(10)} m_{103}^{(22)} \\
&-m_{020}^{(10)} m_{210}^{(10)} m_{004}^{(20)} + m_{020}^{(10)} m_{210}^{(20)} m_{112}^{(22)} - 2m_{020}^{(10)} m_{210}^{(20)} m_{103}^{(21)} + m_{020}^{(10)} m_{210}^{(20)} m_{013}^{(20)} \\
&-m_{020}^{(10)} m_{210}^{(21)} m_{202}^{(22)} + m_{020}^{(10)} m_{210}^{(21)} m_{103}^{(20)} + m_{020}^{(10)} m_{210}^{(22)} m_{202}^{(21)} - m_{020}^{(10)} m_{210}^{(22)} m_{112}^{(20)} \\
&+m_{020}^{(10)} m_{201}^{(00)} m_{022}^{(22)} - m_{020}^{(10)} m_{201}^{(00)} m_{013}^{(21)} - 3m_{020}^{(10)} m_{201}^{(10)} m_{112}^{(22)} + 2m_{020}^{(10)} m_{201}^{(10)} m_{103}^{(21)} \\
&+m_{020}^{(10)} m_{201}^{(10)} m_{004}^{(10)} + 2m_{020}^{(10)} m_{201}^{(11)} m_{202}^{(22)} - m_{020}^{(10)} m_{201}^{(11)} m_{103}^{(20)} - m_{020}^{(10)} m_{201}^{(11)} m_{004}^{(00)} \\
&+m_{020}^{(10)} m_{201}^{(20)} m_{121}^{(22)} - m_{020}^{(10)} m_{201}^{(20)} m_{013}^{(10)} - m_{020}^{(10)} m_{201}^{(21)} m_{211}^{(22)} - 2m_{020}^{(10)} m_{201}^{(21)} m_{202}^{(21)} \\
&+2m_{020}^{(10)} m_{201}^{(21)} m_{112}^{(20)} - m_{020}^{(10)} m_{201}^{(21)} m_{103}^{(10)} + 2m_{020}^{(10)} m_{201}^{(21)} m_{013}^{(00)} + m_{020}^{(10)} m_{201}^{(22)} m_{211}^{(21)} \\
&-m_{020}^{(10)} m_{201}^{(22)} m_{121}^{(20)} + m_{020}^{(10)} m_{201}^{(22)} m_{112}^{(10)} - m_{020}^{(10)} m_{201}^{(22)} m_{022}^{(00)} + m_{020}^{(10)} m_{111}^{(00)} m_{112}^{(22)} \\
&-m_{020}^{(10)} m_{111}^{(00)} m_{103}^{(21)} + m_{020}^{(10)} m_{111}^{(00)} m_{013}^{(20)} - m_{020}^{(10)} m_{111}^{(00)} m_{004}^{(10)} - m_{020}^{(10)} m_{111}^{(10)} m_{202}^{(22)} \\
&+m_{020}^{(10)} m_{111}^{(10)} m_{004}^{(00)} - m_{020}^{(10)} m_{111}^{(20)} m_{211}^{(22)} + 2m_{020}^{(10)} m_{111}^{(20)} m_{202}^{(21)} - 2m_{020}^{(10)} m_{111}^{(20)} m_{112}^{(20)} \\
&+2m_{020}^{(10)} m_{111}^{(20)} m_{103}^{(10)} - m_{020}^{(10)} m_{111}^{(20)} m_{013}^{(00)} + m_{020}^{(10)} m_{111}^{(21)} m_{301}^{(22)} - m_{020}^{(10)} m_{111}^{(21)} m_{103}^{(00)} \\
&-m_{020}^{(10)} m_{111}^{(22)} m_{301}^{(21)} + m_{020}^{(10)} m_{111}^{(22)} m_{211}^{(20)} - m_{020}^{(10)} m_{111}^{(22)} m_{202}^{(10)} + m_{020}^{(10)} m_{111}^{(22)} m_{112}^{(00)} \\
&-m_{020}^{(10)} m_{102}^{(00)} m_{121}^{(22)} + m_{020}^{(10)} m_{102}^{(00)} m_{112}^{(21)} - m_{020}^{(10)} m_{102}^{(00)} m_{022}^{(20)} + m_{020}^{(10)} m_{102}^{(00)} m_{013}^{(10)} \\
&+2m_{020}^{(10)} m_{102}^{(10)} m_{211}^{(22)} - m_{020}^{(10)} m_{102}^{(10)} m_{202}^{(21)} + 2m_{020}^{(10)} m_{102}^{(10)} m_{112}^{(20)} - 2m_{020}^{(10)} m_{102}^{(10)} m_{103}^{(10)} \\
&-m_{020}^{(10)} m_{102}^{(10)} m_{013}^{(00)} - m_{020}^{(10)} m_{102}^{(11)} m_{301}^{(22)} - m_{020}^{(10)} m_{102}^{(11)} m_{202}^{(20)} + 2m_{020}^{(10)} m_{102}^{(11)} m_{103}^{(00)} \\
&-m_{020}^{(10)} m_{102}^{(20)} m_{211}^{(21)} + m_{020}^{(10)} m_{102}^{(20)} m_{022}^{(00)} + m_{020}^{(10)} m_{102}^{(21)} m_{301}^{(21)} + 2m_{020}^{(10)} m_{102}^{(21)} m_{202}^{(10)} \\
&-3m_{020}^{(10)} m_{102}^{(21)} m_{112}^{(00)} - m_{020}^{(10)} m_{102}^{(22)} m_{211}^{(10)} + m_{020}^{(10)} m_{102}^{(22)} m_{121}^{(00)} - m_{020}^{(10)} m_{012}^{(00)} m_{112}^{(20)}
\end{aligned}
$$

$$+m_{020}^{(10)}m_{012}^{(00)}m_{103}^{(10)}+m_{020}^{(10)}m_{012}^{(10)}m_{202}^{(20)}-m_{020}^{(10)}m_{012}^{(10)}m_{103}^{(00)}+m_{020}^{(10)}m_{012}^{(20)}m_{211}^{(20)}$$
$$-2m_{020}^{(10)}m_{012}^{(20)}m_{202}^{(10)}+m_{020}^{(10)}m_{012}^{(20)}m_{112}^{(00)}-m_{020}^{(10)}m_{012}^{(21)}m_{301}^{(20)}+m_{020}^{(10)}m_{012}^{(21)}m_{202}^{(00)}$$
$$+m_{020}^{(10)}m_{012}^{(22)}m_{301}^{(10)}-m_{020}^{(10)}m_{012}^{(22)}m_{211}^{(00)}+m_{020}^{(10)}m_{003}^{(00)}m_{121}^{(20)}-m_{020}^{(10)}m_{003}^{(00)}m_{112}^{(10)}$$
$$-2m_{020}^{(10)}m_{003}^{(10)}m_{211}^{(20)}+m_{020}^{(10)}m_{003}^{(10)}m_{202}^{(10)}+m_{020}^{(10)}m_{003}^{(10)}m_{112}^{(00)}+m_{020}^{(10)}m_{003}^{(11)}m_{301}^{(20)}$$
$$-m_{020}^{(10)}m_{003}^{(11)}m_{202}^{(00)}+m_{020}^{(10)}m_{003}^{(20)}m_{211}^{(10)}-m_{020}^{(10)}m_{003}^{(20)}m_{121}^{(00)}-m_{020}^{(10)}m_{003}^{(21)}m_{301}^{(10)}$$
$$+m_{020}^{(10)}m_{003}^{(21)}m_{211}^{(00)}-m_{020}^{(20)}m_{300}^{(10)}m_{013}^{(21)}+m_{020}^{(20)}m_{300}^{(10)}m_{004}^{(11)}+m_{020}^{(20)}m_{300}^{(11)}m_{103}^{(21)}$$
$$-m_{020}^{(20)}m_{300}^{(11)}m_{004}^{(10)}+m_{020}^{(20)}m_{300}^{(20)}m_{022}^{(21)}-m_{020}^{(20)}m_{300}^{(20)}m_{013}^{(11)}-m_{020}^{(20)}m_{300}^{(21)}m_{112}^{(21)}$$
$$-m_{020}^{(20)}m_{300}^{(21)}m_{103}^{(11)}+2m_{020}^{(20)}m_{300}^{(21)}m_{013}^{(10)}+m_{020}^{(20)}m_{300}^{(22)}m_{112}^{(11)}-m_{020}^{(20)}m_{300}^{(22)}m_{022}^{(10)}$$
$$+m_{020}^{(20)}m_{210}^{(00)}m_{013}^{(21)}-m_{020}^{(20)}m_{210}^{(00)}m_{004}^{(11)}+m_{020}^{(20)}m_{210}^{(10)}m_{112}^{(22)}-2m_{020}^{(20)}m_{210}^{(10)}m_{103}^{(21)}$$
$$+m_{020}^{(20)}m_{210}^{(10)}m_{013}^{(20)}-m_{020}^{(20)}m_{210}^{(11)}m_{202}^{(22)}+m_{020}^{(20)}m_{210}^{(11)}m_{004}^{(00)}-m_{020}^{(20)}m_{210}^{(20)}m_{121}^{(22)}$$
$$+2m_{020}^{(20)}m_{210}^{(20)}m_{103}^{(11)}-m_{020}^{(20)}m_{210}^{(20)}m_{022}^{(20)}+m_{020}^{(20)}m_{210}^{(21)}m_{211}^{(22)}+2m_{020}^{(20)}m_{210}^{(21)}m_{202}^{(21)}$$
$$-m_{020}^{(20)}m_{210}^{(21)}m_{112}^{(20)}-2m_{020}^{(20)}m_{210}^{(21)}m_{013}^{(00)}-m_{020}^{(20)}m_{210}^{(22)}m_{211}^{(21)}-m_{020}^{(20)}m_{210}^{(22)}m_{202}^{(11)}$$
$$+m_{020}^{(20)}m_{210}^{(22)}m_{121}^{(20)}+m_{020}^{(20)}m_{210}^{(22)}m_{022}^{(00)}-m_{020}^{(20)}m_{201}^{(00)}m_{022}^{(21)}+m_{020}^{(20)}m_{201}^{(00)}m_{013}^{(11)}$$
$$+2m_{020}^{(20)}m_{201}^{(10)}m_{112}^{(21)}-m_{020}^{(20)}m_{201}^{(10)}m_{103}^{(11)}-m_{020}^{(20)}m_{201}^{(10)}m_{013}^{(10)}-m_{020}^{(20)}m_{201}^{(11)}m_{202}^{(21)}$$
$$+m_{020}^{(20)}m_{201}^{(11)}m_{103}^{(10)}-m_{020}^{(20)}m_{201}^{(20)}m_{112}^{(11)}+m_{020}^{(20)}m_{201}^{(20)}m_{022}^{(10)}+m_{020}^{(20)}m_{201}^{(21)}m_{202}^{(11)}$$
$$-m_{020}^{(20)}m_{201}^{(21)}m_{112}^{(10)}-m_{020}^{(20)}m_{120}^{(00)}m_{112}^{(22)}+m_{020}^{(20)}m_{120}^{(00)}m_{103}^{(21)}-m_{020}^{(20)}m_{120}^{(00)}m_{013}^{(20)}$$
$$+m_{020}^{(20)}m_{120}^{(00)}m_{004}^{(10)}+m_{020}^{(20)}m_{120}^{(10)}m_{202}^{(22)}-m_{020}^{(20)}m_{120}^{(10)}m_{004}^{(00)}+m_{020}^{(20)}m_{120}^{(20)}m_{211}^{(22)}$$
$$-2m_{020}^{(20)}m_{120}^{(20)}m_{202}^{(21)}+2m_{020}^{(20)}m_{120}^{(20)}m_{112}^{(20)}-2m_{020}^{(20)}m_{120}^{(20)}m_{103}^{(10)}+m_{020}^{(20)}m_{120}^{(20)}m_{013}^{(00)}$$
$$-m_{020}^{(20)}m_{120}^{(21)}m_{301}^{(22)}+m_{020}^{(20)}m_{120}^{(21)}m_{103}^{(00)}+m_{020}^{(20)}m_{120}^{(22)}m_{301}^{(21)}-m_{020}^{(20)}m_{120}^{(22)}m_{211}^{(20)}$$
$$+m_{020}^{(20)}m_{120}^{(22)}m_{202}^{(10)}-m_{020}^{(20)}m_{120}^{(22)}m_{112}^{(00)}+m_{020}^{(20)}m_{111}^{(00)}m_{121}^{(22)}-m_{020}^{(20)}m_{111}^{(00)}m_{112}^{(21)}$$
$$+m_{020}^{(20)}m_{111}^{(00)}m_{022}^{(20)}-m_{020}^{(20)}m_{111}^{(00)}m_{013}^{(10)}-3m_{020}^{(20)}m_{111}^{(10)}m_{211}^{(22)}+2m_{020}^{(20)}m_{111}^{(10)}m_{202}^{(21)}$$
$$-2m_{020}^{(20)}m_{111}^{(10)}m_{112}^{(20)}+2m_{020}^{(20)}m_{111}^{(10)}m_{103}^{(10)}+m_{020}^{(20)}m_{111}^{(10)}m_{013}^{(00)}+2m_{020}^{(20)}m_{111}^{(11)}m_{301}^{(22)}$$
$$-2m_{020}^{(20)}m_{111}^{(11)}m_{103}^{(00)}+m_{020}^{(20)}m_{111}^{(20)}m_{220}^{(22)}-m_{020}^{(20)}m_{111}^{(20)}m_{022}^{(00)}-m_{020}^{(20)}m_{111}^{(21)}m_{310}^{(22)}$$
$$-2m_{020}^{(20)}m_{111}^{(21)}m_{301}^{(21)}+2m_{020}^{(20)}m_{111}^{(21)}m_{211}^{(20)}-2m_{020}^{(20)}m_{111}^{(21)}m_{202}^{(10)}+3m_{020}^{(20)}m_{111}^{(21)}m_{112}^{(00)}$$
$$+m_{020}^{(20)}m_{111}^{(22)}m_{310}^{(21)}-m_{020}^{(20)}m_{111}^{(22)}m_{220}^{(20)}+m_{020}^{(20)}m_{111}^{(22)}m_{211}^{(10)}-m_{020}^{(20)}m_{111}^{(22)}m_{121}^{(00)}$$
$$+m_{020}^{(20)}m_{102}^{(10)}m_{211}^{(21)}-m_{020}^{(20)}m_{102}^{(10)}m_{202}^{(11)}-m_{020}^{(20)}m_{102}^{(11)}m_{301}^{(21)}+m_{020}^{(20)}m_{102}^{(11)}m_{202}^{(10)}$$
$$-m_{020}^{(20)}m_{102}^{(20)}m_{220}^{(21)}+m_{020}^{(20)}m_{102}^{(20)}m_{211}^{(11)}+m_{020}^{(20)}m_{102}^{(21)}m_{310}^{(21)}+m_{020}^{(20)}m_{102}^{(21)}m_{301}^{(11)}$$
$$-2m_{020}^{(20)}m_{102}^{(21)}m_{211}^{(10)}-m_{020}^{(20)}m_{102}^{(22)}m_{310}^{(11)}+m_{020}^{(20)}m_{102}^{(22)}m_{220}^{(10)}+m_{020}^{(20)}m_{021}^{(00)}m_{211}^{(22)}$$
$$-m_{020}^{(20)}m_{021}^{(00)}m_{202}^{(21)}+m_{020}^{(20)}m_{021}^{(00)}m_{112}^{(20)}-m_{020}^{(20)}m_{021}^{(00)}m_{103}^{(10)}-m_{020}^{(20)}m_{021}^{(10)}m_{301}^{(22)}$$
$$+m_{020}^{(20)}m_{021}^{(10)}m_{103}^{(00)}-m_{020}^{(20)}m_{021}^{(20)}m_{310}^{(22)}+2m_{020}^{(20)}m_{021}^{(20)}m_{301}^{(21)}-2m_{020}^{(20)}m_{021}^{(20)}m_{211}^{(20)}$$
$$+2m_{020}^{(20)}m_{021}^{(20)}m_{202}^{(10)}-m_{020}^{(20)}m_{021}^{(20)}m_{112}^{(00)}+m_{020}^{(20)}m_{021}^{(21)}m_{400}^{(22)}-m_{020}^{(20)}m_{021}^{(21)}m_{202}^{(00)}$$
$$-m_{020}^{(20)}m_{021}^{(22)}m_{400}^{(21)}+m_{020}^{(20)}m_{021}^{(22)}m_{310}^{(20)}-m_{020}^{(20)}m_{021}^{(22)}m_{301}^{(10)}+m_{020}^{(20)}m_{021}^{(22)}m_{211}^{(00)}$$
$$-m_{020}^{(20)}m_{012}^{(00)}m_{220}^{(22)}+m_{020}^{(20)}m_{012}^{(00)}m_{202}^{(11)}-m_{020}^{(20)}m_{012}^{(00)}m_{121}^{(20)}+m_{020}^{(20)}m_{012}^{(00)}m_{112}^{(10)}$$
$$+2m_{020}^{(20)}m_{012}^{(10)}m_{310}^{(22)}+m_{020}^{(20)}m_{012}^{(10)}m_{211}^{(20)}-2m_{020}^{(20)}m_{012}^{(10)}m_{202}^{(10)}-m_{020}^{(20)}m_{012}^{(10)}m_{112}^{(00)}$$
$$-m_{020}^{(20)}m_{012}^{(11)}m_{400}^{(22)}+m_{020}^{(20)}m_{012}^{(11)}m_{202}^{(00)}-2m_{020}^{(20)}m_{012}^{(20)}m_{301}^{(11)}+m_{020}^{(20)}m_{012}^{(20)}m_{220}^{(20)}$$
$$+m_{020}^{(20)}m_{012}^{(20)}m_{121}^{(00)}-m_{020}^{(20)}m_{012}^{(21)}m_{310}^{(20)}+2m_{020}^{(20)}m_{012}^{(21)}m_{301}^{(10)}-m_{020}^{(20)}m_{012}^{(21)}m_{211}^{(00)}$$
$$+m_{020}^{(20)}m_{012}^{(22)}m_{400}^{(11)}-m_{020}^{(20)}m_{012}^{(22)}m_{310}^{(10)}+m_{020}^{(20)}m_{003}^{(00)}m_{220}^{(21)}-m_{020}^{(20)}m_{003}^{(00)}m_{211}^{(11)}$$
$$-2m_{020}^{(20)}m_{003}^{(10)}m_{310}^{(21)}+m_{020}^{(20)}m_{003}^{(10)}m_{301}^{(11)}+m_{020}^{(20)}m_{003}^{(10)}m_{211}^{(10)}+m_{020}^{(20)}m_{003}^{(11)}m_{400}^{(21)}$$

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\begin{aligned}
&-m_{020}^{(20)} m_{003}^{(11)} m_{301}^{(10)} + m_{020}^{(20)} m_{003}^{(20)} m_{310}^{(11)} - m_{020}^{(20)} m_{003}^{(20)} m_{220}^{(10)} - m_{020}^{(20)} m_{003}^{(21)} m_{400}^{(11)} \\
&+m_{020}^{(20)} m_{003}^{(21)} m_{310}^{(10)} - m_{020}^{(21)} m_{300}^{(10)} m_{112}^{(22)} + m_{020}^{(21)} m_{300}^{(10)} m_{103}^{(21)} + m_{020}^{(21)} m_{300}^{(11)} m_{202}^{(22)} \\
&-m_{020}^{(21)} m_{300}^{(11)} m_{103}^{(20)} + m_{020}^{(21)} m_{300}^{(20)} m_{121}^{(22)} - m_{020}^{(21)} m_{300}^{(20)} m_{112}^{(21)} - m_{020}^{(21)} m_{300}^{(21)} m_{211}^{(22)} \\
&-m_{020}^{(21)} m_{300}^{(21)} m_{202}^{(21)} + 2m_{020}^{(21)} m_{300}^{(21)} m_{112}^{(20)} + m_{020}^{(21)} m_{300}^{(22)} m_{211}^{(21)} - m_{020}^{(21)} m_{300}^{(22)} m_{121}^{(20)} \\
&+m_{020}^{(21)} m_{210}^{(00)} m_{112}^{(22)} - m_{020}^{(21)} m_{210}^{(00)} m_{103}^{(21)} - m_{020}^{(21)} m_{210}^{(10)} m_{202}^{(22)} + m_{020}^{(21)} m_{210}^{(10)} m_{103}^{(20)} \\
&-m_{020}^{(21)} m_{210}^{(20)} m_{211}^{(22)} + 2m_{020}^{(21)} m_{210}^{(20)} m_{202}^{(21)} - m_{020}^{(21)} m_{210}^{(20)} m_{112}^{(20)} + m_{020}^{(21)} m_{210}^{(21)} m_{301}^{(22)} \\
&-m_{020}^{(21)} m_{210}^{(21)} m_{202}^{(20)} - m_{020}^{(21)} m_{210}^{(22)} m_{301}^{(21)} + m_{020}^{(21)} m_{210}^{(22)} m_{211}^{(20)} - m_{020}^{(21)} m_{201}^{(00)} m_{121}^{(22)} \\
&+m_{020}^{(21)} m_{201}^{(00)} m_{112}^{(21)} + 3m_{020}^{(21)} m_{201}^{(10)} m_{211}^{(22)} - 2m_{020}^{(21)} m_{201}^{(10)} m_{202}^{(21)} - m_{020}^{(21)} m_{201}^{(10)} m_{103}^{(10)} \\
&-2m_{020}^{(21)} m_{201}^{(11)} m_{301}^{(22)} + m_{020}^{(21)} m_{201}^{(11)} m_{202}^{(20)} + m_{020}^{(21)} m_{201}^{(11)} m_{103}^{(00)} - m_{020}^{(21)} m_{201}^{(20)} m_{220}^{(22)} \\
&+m_{020}^{(21)} m_{201}^{(20)} m_{112}^{(10)} + m_{020}^{(21)} m_{201}^{(21)} m_{310}^{(22)} + 2m_{020}^{(21)} m_{201}^{(21)} m_{301}^{(21)} - 2m_{020}^{(21)} m_{201}^{(21)} m_{211}^{(20)} \\
&+m_{020}^{(21)} m_{201}^{(21)} m_{202}^{(10)} - 2m_{020}^{(21)} m_{201}^{(21)} m_{112}^{(00)} - m_{020}^{(21)} m_{201}^{(22)} m_{310}^{(21)} + m_{020}^{(21)} m_{201}^{(22)} m_{220}^{(20)} \\
&-m_{020}^{(21)} m_{201}^{(22)} m_{211}^{(10)} + m_{020}^{(21)} m_{201}^{(22)} m_{121}^{(00)} - m_{020}^{(21)} m_{111}^{(00)} m_{211}^{(22)} + m_{020}^{(21)} m_{111}^{(00)} m_{202}^{(21)} \\
&-m_{020}^{(21)} m_{111}^{(00)} m_{112}^{(20)} + m_{020}^{(21)} m_{111}^{(00)} m_{103}^{(10)} + m_{020}^{(21)} m_{111}^{(10)} m_{301}^{(22)} - m_{020}^{(21)} m_{111}^{(10)} m_{103}^{(00)} \\
&+m_{020}^{(21)} m_{111}^{(20)} m_{310}^{(22)} - 2m_{020}^{(21)} m_{111}^{(20)} m_{301}^{(21)} + 2m_{020}^{(21)} m_{111}^{(20)} m_{211}^{(20)} - 2m_{020}^{(21)} m_{111}^{(20)} m_{202}^{(10)} \\
&+m_{020}^{(21)} m_{111}^{(20)} m_{112}^{(00)} - m_{020}^{(21)} m_{111}^{(21)} m_{400}^{(22)} + m_{020}^{(21)} m_{111}^{(21)} m_{202}^{(00)} + m_{020}^{(21)} m_{111}^{(22)} m_{400}^{(21)} \\
&-m_{020}^{(21)} m_{111}^{(22)} m_{310}^{(20)} + m_{020}^{(21)} m_{111}^{(22)} m_{301}^{(10)} - m_{020}^{(21)} m_{111}^{(22)} m_{211}^{(00)} + m_{020}^{(21)} m_{102}^{(00)} m_{220}^{(22)} \\
&-m_{020}^{(21)} m_{102}^{(00)} m_{211}^{(21)} + m_{020}^{(21)} m_{102}^{(00)} m_{121}^{(20)} - m_{020}^{(21)} m_{102}^{(00)} m_{112}^{(10)} - 2m_{020}^{(21)} m_{102}^{(10)} m_{310}^{(22)} \\
&+m_{020}^{(21)} m_{102}^{(10)} m_{301}^{(21)} - 2m_{020}^{(21)} m_{102}^{(10)} m_{211}^{(20)} + 2m_{020}^{(21)} m_{102}^{(10)} m_{202}^{(10)} + m_{020}^{(21)} m_{102}^{(10)} m_{112}^{(00)} \\
&+m_{020}^{(21)} m_{102}^{(11)} m_{400}^{(22)} + m_{020}^{(21)} m_{102}^{(11)} m_{301}^{(20)} - 2m_{020}^{(21)} m_{102}^{(11)} m_{202}^{(00)} + m_{020}^{(21)} m_{102}^{(20)} m_{310}^{(21)} \\
&-m_{020}^{(21)} m_{102}^{(20)} m_{121}^{(00)} - m_{020}^{(21)} m_{102}^{(21)} m_{400}^{(21)} - 2m_{020}^{(21)} m_{102}^{(21)} m_{301}^{(10)} + 3m_{020}^{(21)} m_{102}^{(21)} m_{211}^{(00)} \\
&+m_{020}^{(21)} m_{102}^{(22)} m_{310}^{(10)} - m_{020}^{(21)} m_{102}^{(22)} m_{220}^{(00)} + m_{020}^{(21)} m_{012}^{(00)} m_{211}^{(20)} - m_{020}^{(21)} m_{012}^{(00)} m_{202}^{(10)} \\
&-m_{020}^{(21)} m_{012}^{(10)} m_{301}^{(20)} + m_{020}^{(21)} m_{012}^{(10)} m_{202}^{(00)} - m_{020}^{(21)} m_{012}^{(20)} m_{310}^{(20)} + 2m_{020}^{(21)} m_{012}^{(20)} m_{301}^{(10)} \\
&-m_{020}^{(21)} m_{012}^{(20)} m_{211}^{(00)} + m_{020}^{(21)} m_{012}^{(21)} m_{400}^{(20)} - m_{020}^{(21)} m_{012}^{(21)} m_{301}^{(00)} - m_{020}^{(21)} m_{012}^{(22)} m_{400}^{(10)} \\
&+m_{020}^{(21)} m_{012}^{(22)} m_{310}^{(00)} - m_{020}^{(21)} m_{003}^{(00)} m_{220}^{(20)} + m_{020}^{(21)} m_{003}^{(00)} m_{211}^{(10)} + 2m_{020}^{(21)} m_{003}^{(10)} m_{310}^{(20)} \\
&-m_{020}^{(21)} m_{003}^{(10)} m_{301}^{(10)} - m_{020}^{(21)} m_{003}^{(10)} m_{211}^{(00)} - m_{020}^{(21)} m_{003}^{(11)} m_{400}^{(20)} + m_{020}^{(21)} m_{003}^{(11)} m_{301}^{(00)} \\
&-m_{020}^{(21)} m_{003}^{(20)} m_{310}^{(10)} + m_{020}^{(21)} m_{003}^{(20)} m_{220}^{(00)} + m_{020}^{(21)} m_{003}^{(21)} m_{400}^{(10)} - m_{020}^{(21)} m_{003}^{(21)} m_{310}^{(00)} \\
&+m_{020}^{(22)} m_{300}^{(10)} m_{112}^{(21)} - m_{020}^{(22)} m_{300}^{(10)} m_{103}^{(11)} - m_{020}^{(22)} m_{300}^{(11)} m_{202}^{(21)} + m_{020}^{(22)} m_{300}^{(11)} m_{103}^{(10)} \\
&-m_{020}^{(22)} m_{300}^{(20)} m_{121}^{(21)} + m_{020}^{(22)} m_{300}^{(20)} m_{112}^{(11)} + m_{020}^{(22)} m_{300}^{(21)} m_{211}^{(21)} + m_{020}^{(22)} m_{300}^{(21)} m_{202}^{(11)} \\
&-2m_{020}^{(22)} m_{300}^{(21)} m_{112}^{(10)} - m_{020}^{(22)} m_{300}^{(22)} m_{211}^{(11)} + m_{020}^{(22)} m_{300}^{(22)} m_{121}^{(10)} - m_{020}^{(22)} m_{210}^{(00)} m_{112}^{(21)} \\
&+m_{020}^{(22)} m_{210}^{(00)} m_{103}^{(11)} + m_{020}^{(22)} m_{210}^{(10)} m_{202}^{(21)} - m_{020}^{(22)} m_{210}^{(10)} m_{112}^{(20)} + m_{020}^{(22)} m_{210}^{(11)} m_{202}^{(20)} \\
&-m_{020}^{(22)} m_{210}^{(11)} m_{103}^{(00)} + m_{020}^{(22)} m_{210}^{(20)} m_{211}^{(21)} - 2m_{020}^{(22)} m_{210}^{(20)} m_{202}^{(11)} + m_{020}^{(22)} m_{210}^{(20)} m_{121}^{(20)} \\
&-m_{020}^{(22)} m_{210}^{(21)} m_{301}^{(21)} - m_{020}^{(22)} m_{210}^{(21)} m_{211}^{(20)} + 2m_{020}^{(22)} m_{210}^{(21)} m_{112}^{(00)} + m_{020}^{(22)} m_{210}^{(22)} m_{301}^{(11)} \\
&-m_{020}^{(22)} m_{210}^{(22)} m_{121}^{(00)} + m_{020}^{(22)} m_{201}^{(00)} m_{121}^{(21)} - m_{020}^{(22)} m_{201}^{(00)} m_{112}^{(11)} - 3m_{020}^{(22)} m_{201}^{(10)} m_{211}^{(21)} \\
&+2m_{020}^{(22)} m_{201}^{(10)} m_{202}^{(11)} + m_{020}^{(22)} m_{201}^{(10)} m_{112}^{(10)} + 2m_{020}^{(22)} m_{201}^{(11)} m_{301}^{(21)} - 2m_{020}^{(22)} m_{201}^{(11)} m_{202}^{(10)} \\
&+m_{020}^{(22)} m_{201}^{(20)} m_{220}^{(21)} - m_{020}^{(22)} m_{201}^{(20)} m_{121}^{(10)} - m_{020}^{(22)} m_{201}^{(21)} m_{310}^{(21)} - 2m_{020}^{(22)} m_{201}^{(21)} m_{301}^{(11)} \\
&+3m_{020}^{(22)} m_{201}^{(21)} m_{211}^{(10)} + m_{020}^{(22)} m_{201}^{(22)} m_{310}^{(11)} - m_{020}^{(22)} m_{201}^{(22)} m_{220}^{(10)} + m_{020}^{(22)} m_{120}^{(00)} m_{112}^{(20)} \\
&-m_{020}^{(22)} m_{120}^{(00)} m_{103}^{(10)} - m_{020}^{(22)} m_{120}^{(10)} m_{202}^{(20)} + m_{020}^{(22)} m_{120}^{(10)} m_{103}^{(00)} - m_{020}^{(22)} m_{120}^{(20)} m_{211}^{(20)} \\
&+2m_{020}^{(22)} m_{120}^{(20)} m_{202}^{(10)} - m_{020}^{(22)} m_{120}^{(20)} m_{112}^{(00)} + m_{020}^{(22)} m_{120}^{(21)} m_{301}^{(20)} - m_{020}^{(22)} m_{120}^{(21)} m_{202}^{(00)}
\end{aligned}
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\begin{aligned}
&-m_{020}^{(22)}m_{120}^{(22)}m_{301}^{(10)}+m_{020}^{(22)}m_{120}^{(22)}m_{211}^{(00)}+m_{020}^{(22)}m_{111}^{(00)}m_{211}^{(21)}-m_{020}^{(22)}m_{111}^{(00)}m_{202}^{(11)}\\
&-m_{020}^{(22)}m_{111}^{(00)}m_{121}^{(20)}+m_{020}^{(22)}m_{111}^{(00)}m_{112}^{(10)}-m_{020}^{(22)}m_{111}^{(10)}m_{301}^{(21)}+3m_{020}^{(22)}m_{111}^{(10)}m_{211}^{(20)}\\
&-m_{020}^{(22)}m_{111}^{(10)}m_{202}^{(10)}-m_{020}^{(22)}m_{111}^{(10)}m_{112}^{(00)}-2m_{020}^{(22)}m_{111}^{(11)}m_{301}^{(20)}+2m_{020}^{(22)}m_{111}^{(11)}m_{202}^{(00)}\\
&-m_{020}^{(22)}m_{111}^{(20)}m_{310}^{(21)}+2m_{020}^{(22)}m_{111}^{(20)}m_{301}^{(11)}-m_{020}^{(22)}m_{111}^{(20)}m_{220}^{(20)}-m_{020}^{(22)}m_{111}^{(20)}m_{211}^{(10)}\\
&+m_{020}^{(22)}m_{111}^{(20)}m_{121}^{(00)}+m_{020}^{(22)}m_{111}^{(21)}m_{400}^{(21)}+m_{020}^{(22)}m_{111}^{(21)}m_{310}^{(20)}+m_{020}^{(22)}m_{111}^{(21)}m_{301}^{(10)}\\
&-3m_{020}^{(22)}m_{111}^{(21)}m_{211}^{(00)}-m_{020}^{(22)}m_{111}^{(22)}m_{400}^{(11)}+m_{020}^{(22)}m_{111}^{(22)}m_{220}^{(00)}-m_{020}^{(22)}m_{102}^{(00)}m_{220}^{(21)}\\
&+m_{020}^{(22)}m_{102}^{(00)}m_{211}^{(11)}+2m_{020}^{(22)}m_{102}^{(10)}m_{310}^{(21)}-m_{020}^{(22)}m_{102}^{(10)}m_{301}^{(11)}-m_{020}^{(22)}m_{102}^{(10)}m_{211}^{(10)}\\
&-m_{020}^{(22)}m_{102}^{(11)}m_{400}^{(21)}+m_{020}^{(22)}m_{102}^{(11)}m_{301}^{(10)}-m_{020}^{(22)}m_{102}^{(20)}m_{310}^{(11)}+m_{020}^{(22)}m_{102}^{(20)}m_{220}^{(10)}\\
&+m_{020}^{(22)}m_{102}^{(21)}m_{400}^{(11)}-m_{020}^{(22)}m_{102}^{(21)}m_{310}^{(10)}-m_{020}^{(22)}m_{021}^{(00)}m_{211}^{(20)}+m_{020}^{(22)}m_{021}^{(00)}m_{202}^{(10)}\\
&+m_{020}^{(22)}m_{021}^{(10)}m_{301}^{(20)}-m_{020}^{(22)}m_{021}^{(10)}m_{202}^{(00)}+m_{020}^{(22)}m_{021}^{(20)}m_{310}^{(20)}-2m_{020}^{(22)}m_{021}^{(20)}m_{301}^{(10)}\\
&+m_{020}^{(22)}m_{021}^{(20)}m_{211}^{(00)}-m_{020}^{(22)}m_{021}^{(21)}m_{400}^{(20)}+m_{020}^{(22)}m_{021}^{(21)}m_{301}^{(00)}+m_{020}^{(22)}m_{021}^{(22)}m_{400}^{(10)}\\
&-m_{020}^{(22)}m_{021}^{(22)}m_{310}^{(00)}+m_{020}^{(22)}m_{012}^{(00)}m_{220}^{(20)}-m_{020}^{(22)}m_{012}^{(00)}m_{211}^{(10)}-2m_{020}^{(22)}m_{012}^{(10)}m_{310}^{(20)}\\
&+m_{020}^{(22)}m_{012}^{(10)}m_{301}^{(10)}+m_{020}^{(22)}m_{012}^{(10)}m_{211}^{(00)}+m_{020}^{(22)}m_{012}^{(11)}m_{400}^{(20)}-m_{020}^{(22)}m_{012}^{(11)}m_{301}^{(00)}\\
&+m_{020}^{(22)}m_{012}^{(20)}m_{310}^{(10)}-m_{020}^{(22)}m_{012}^{(20)}m_{220}^{(00)}-m_{020}^{(22)}m_{012}^{(21)}m_{400}^{(10)}+m_{020}^{(22)}m_{012}^{(21)}m_{310}^{(00)}\\
&+2m_{011}^{(00)}m_{210}^{(10)}m_{022}^{(22)}-2m_{011}^{(00)}m_{210}^{(10)}m_{013}^{(21)}-2m_{011}^{(00)}m_{210}^{(11)}m_{112}^{(22)}+2m_{011}^{(00)}m_{210}^{(11)}m_{013}^{(20)}\\
&-2m_{011}^{(00)}m_{210}^{(20)}m_{031}^{(22)}+2m_{011}^{(00)}m_{210}^{(20)}m_{022}^{(21)}+2m_{011}^{(00)}m_{210}^{(21)}m_{121}^{(22)}+2m_{011}^{(00)}m_{210}^{(21)}m_{112}^{(21)}\\
&-4m_{011}^{(00)}m_{210}^{(21)}m_{022}^{(20)}-2m_{011}^{(00)}m_{210}^{(22)}m_{121}^{(21)}+2m_{011}^{(00)}m_{210}^{(22)}m_{031}^{(20)}-2m_{011}^{(00)}m_{201}^{(10)}m_{201}^{(21)}\\
&+2m_{011}^{(00)}m_{201}^{(10)}m_{013}^{(11)}+2m_{011}^{(00)}m_{201}^{(11)}m_{112}^{(21)}-2m_{011}^{(00)}m_{201}^{(11)}m_{013}^{(10)}+2m_{011}^{(00)}m_{201}^{(20)}m_{031}^{(21)}\\
&-2m_{011}^{(00)}m_{201}^{(20)}m_{022}^{(11)}-2m_{011}^{(00)}m_{201}^{(21)}m_{121}^{(21)}-2m_{011}^{(00)}m_{201}^{(21)}m_{112}^{(11)}+4m_{011}^{(00)}m_{201}^{(21)}m_{022}^{(10)}\\
&+2m_{011}^{(00)}m_{201}^{(22)}m_{121}^{(11)}-2m_{011}^{(00)}m_{201}^{(22)}m_{031}^{(10)}-2m_{011}^{(00)}m_{120}^{(00)}m_{022}^{(22)}+2m_{011}^{(00)}m_{120}^{(00)}m_{013}^{(21)}\\
&+m_{011}^{(00)}m_{120}^{(10)}m_{112}^{(22)}+m_{011}^{(00)}m_{120}^{(10)}m_{103}^{(21)}-2m_{011}^{(00)}m_{120}^{(10)}m_{013}^{(20)}+m_{011}^{(00)}m_{120}^{(11)}m_{202}^{(22)}\\
&-m_{011}^{(00)}m_{120}^{(11)}m_{103}^{(20)}+3m_{011}^{(00)}m_{120}^{(20)}m_{121}^{(22)}-5m_{011}^{(00)}m_{120}^{(20)}m_{112}^{(21)}+2m_{011}^{(00)}m_{120}^{(20)}m_{022}^{(20)}\\
&-3m_{011}^{(00)}m_{120}^{(21)}m_{211}^{(22)}-m_{011}^{(00)}m_{120}^{(21)}m_{202}^{(21)}+4m_{011}^{(00)}m_{120}^{(21)}m_{112}^{(20)}+3m_{011}^{(00)}m_{120}^{(22)}m_{211}^{(21)}\\
&-3m_{011}^{(00)}m_{120}^{(22)}m_{121}^{(20)}+2m_{011}^{(00)}m_{111}^{(00)}m_{031}^{(22)}-2m_{011}^{(00)}m_{111}^{(00)}m_{013}^{(11)}-5m_{011}^{(00)}m_{111}^{(10)}m_{121}^{(22)}\\
&+2m_{011}^{(00)}m_{111}^{(10)}m_{112}^{(21)}-m_{011}^{(00)}m_{111}^{(10)}m_{103}^{(11)}+2m_{011}^{(00)}m_{111}^{(10)}m_{022}^{(20)}+2m_{011}^{(00)}m_{111}^{(10)}m_{013}^{(10)}\\
&+3m_{011}^{(00)}m_{111}^{(11)}m_{211}^{(22)}-m_{011}^{(00)}m_{111}^{(11)}m_{202}^{(21)}-3m_{011}^{(00)}m_{111}^{(11)}m_{112}^{(20)}+m_{011}^{(00)}m_{111}^{(11)}m_{103}^{(10)}\\
&+m_{011}^{(00)}m_{111}^{(20)}m_{130}^{(22)}-2m_{011}^{(00)}m_{111}^{(20)}m_{121}^{(21)}+5m_{011}^{(00)}m_{111}^{(20)}m_{112}^{(11)}-2m_{011}^{(00)}m_{111}^{(20)}m_{031}^{(20)}\\
&-2m_{011}^{(00)}m_{111}^{(20)}m_{022}^{(10)}-m_{011}^{(00)}m_{111}^{(21)}m_{220}^{(22)}+m_{011}^{(00)}m_{111}^{(21)}m_{202}^{(11)}+4m_{011}^{(00)}m_{111}^{(21)}m_{121}^{(20)}\\
&-4m_{011}^{(00)}m_{111}^{(21)}m_{112}^{(10)}+m_{011}^{(00)}m_{111}^{(22)}m_{220}^{(21)}-3m_{011}^{(00)}m_{111}^{(22)}m_{211}^{(11)}-m_{011}^{(00)}m_{111}^{(22)}m_{130}^{(20)}\\
&+3m_{011}^{(00)}m_{111}^{(22)}m_{121}^{(10)}-2m_{011}^{(00)}m_{102}^{(00)}m_{031}^{(21)}+2m_{011}^{(00)}m_{102}^{(00)}m_{022}^{(11)}+5m_{011}^{(00)}m_{102}^{(10)}m_{121}^{(21)}\\
&-3m_{011}^{(00)}m_{102}^{(10)}m_{112}^{(11)}-2m_{011}^{(00)}m_{102}^{(10)}m_{022}^{(10)}-3m_{011}^{(00)}m_{102}^{(11)}m_{211}^{(21)}+3m_{011}^{(00)}m_{102}^{(11)}m_{112}^{(10)}\\
&-m_{011}^{(00)}m_{102}^{(20)}m_{130}^{(21)}-m_{011}^{(00)}m_{102}^{(20)}m_{121}^{(11)}+2m_{011}^{(00)}m_{102}^{(20)}m_{031}^{(10)}+m_{011}^{(00)}m_{102}^{(21)}m_{220}^{(21)}\\
&+3m_{011}^{(00)}m_{102}^{(21)}m_{211}^{(11)}-4m_{011}^{(00)}m_{102}^{(21)}m_{121}^{(10)}-m_{011}^{(00)}m_{102}^{(22)}m_{220}^{(11)}+m_{011}^{(00)}m_{102}^{(22)}m_{130}^{(10)}\\
&+m_{011}^{(00)}m_{030}^{(00)}m_{112}^{(22)}-m_{011}^{(00)}m_{030}^{(00)}m_{103}^{(21)}-m_{011}^{(00)}m_{030}^{(10)}m_{202}^{(22)}+m_{011}^{(00)}m_{030}^{(10)}m_{103}^{(20)}\\
&-m_{011}^{(00)}m_{030}^{(20)}m_{211}^{(22)}+2m_{011}^{(00)}m_{030}^{(20)}m_{202}^{(21)}-m_{011}^{(00)}m_{030}^{(20)}m_{112}^{(20)}+m_{011}^{(00)}m_{030}^{(21)}m_{301}^{(22)}\\
&-m_{011}^{(00)}m_{030}^{(21)}m_{202}^{(20)}-m_{011}^{(00)}m_{030}^{(22)}m_{301}^{(21)}+m_{011}^{(00)}m_{030}^{(22)}m_{211}^{(20)}-m_{011}^{(00)}m_{021}^{(00)}m_{112}^{(21)}\\
&+m_{011}^{(00)}m_{021}^{(00)}m_{103}^{(11)}+m_{011}^{(00)}m_{021}^{(10)}m_{211}^{(22)}-m_{011}^{(00)}m_{021}^{(10)}m_{103}^{(10)}-m_{011}^{(00)}m_{021}^{(11)}m_{301}^{(22)}\\
&+m_{011}^{(00)}m_{021}^{(11)}m_{202}^{(20)}-m_{011}^{(00)}m_{021}^{(20)}m_{220}^{(22)}+2m_{011}^{(00)}m_{021}^{(20)}m_{211}^{(21)}-2m_{011}^{(00)}m_{021}^{(20)}m_{202}^{(11)}
\end{aligned}
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\begin{aligned}
&+m_{011}^{(00)}m_{021}^{(20)}m_{112}^{(10)} + m_{011}^{(00)}m_{021}^{(21)}m_{310}^{(22)} - 2m_{011}^{(00)}m_{021}^{(21)}m_{211}^{(20)} + m_{011}^{(00)}m_{021}^{(21)}m_{202}^{(10)}\\
&-m_{011}^{(00)}m_{021}^{(22)}m_{310}^{(21)} + m_{011}^{(00)}m_{021}^{(22)}m_{301}^{(11)} + m_{011}^{(00)}m_{021}^{(22)}m_{220}^{(20)} - m_{011}^{(00)}m_{021}^{(22)}m_{211}^{(10)}\\
&-m_{011}^{(00)}m_{012}^{(00)}m_{130}^{(22)} + m_{011}^{(00)}m_{012}^{(00)}m_{121}^{(21)} + 2m_{011}^{(00)}m_{012}^{(10)}m_{220}^{(22)} - 2m_{011}^{(00)}m_{012}^{(10)}m_{211}^{(21)}\\
&+m_{011}^{(00)}m_{012}^{(10)}m_{202}^{(11)} - m_{011}^{(00)}m_{012}^{(10)}m_{121}^{(20)} - m_{011}^{(00)}m_{012}^{(11)}m_{310}^{(22)} + m_{011}^{(00)}m_{012}^{(11)}m_{301}^{(21)}\\
&+m_{011}^{(00)}m_{012}^{(11)}m_{211}^{(20)} - m_{011}^{(00)}m_{012}^{(11)}m_{202}^{(10)} - m_{011}^{(00)}m_{012}^{(20)}m_{211}^{(11)} + m_{011}^{(00)}m_{012}^{(20)}m_{130}^{(20)}\\
&-m_{011}^{(00)}m_{012}^{(21)}m_{301}^{(11)} - m_{011}^{(00)}m_{012}^{(21)}m_{220}^{(20)} + 2m_{011}^{(00)}m_{012}^{(21)}m_{211}^{(10)} + m_{011}^{(00)}m_{012}^{(22)}m_{310}^{(11)}\\
&-m_{011}^{(00)}m_{012}^{(22)}m_{220}^{(10)} + m_{011}^{(00)}m_{003}^{(00)}m_{130}^{(21)} - m_{011}^{(00)}m_{003}^{(00)}m_{121}^{(11)} - 2m_{011}^{(00)}m_{003}^{(10)}m_{220}^{(21)}\\
&+m_{011}^{(00)}m_{003}^{(10)}m_{211}^{(11)} + m_{011}^{(00)}m_{003}^{(10)}m_{121}^{(10)} + m_{011}^{(00)}m_{003}^{(11)}m_{310}^{(21)} - m_{011}^{(00)}m_{003}^{(11)}m_{211}^{(10)}\\
&+m_{011}^{(00)}m_{003}^{(20)}m_{220}^{(11)} - m_{011}^{(00)}m_{003}^{(20)}m_{130}^{(10)} - m_{011}^{(00)}m_{003}^{(21)}m_{310}^{(11)} + m_{011}^{(00)}m_{003}^{(21)}m_{220}^{(10)}\\
&-2m_{011}^{(10)}m_{300}^{(10)}m_{022}^{(22)} + 2m_{011}^{(10)}m_{300}^{(10)}m_{013}^{(21)} + 2m_{011}^{(10)}m_{300}^{(11)}m_{112}^{(22)} - 2m_{011}^{(10)}m_{300}^{(11)}m_{013}^{(20)}\\
&+2m_{011}^{(10)}m_{300}^{(20)}m_{031}^{(22)} - 2m_{011}^{(10)}m_{300}^{(20)}m_{022}^{(21)} - 2m_{011}^{(10)}m_{300}^{(21)}m_{121}^{(22)} - 2m_{011}^{(10)}m_{300}^{(21)}m_{112}^{(21)}\\
&+4m_{011}^{(10)}m_{300}^{(21)}m_{022}^{(20)} + 2m_{011}^{(10)}m_{300}^{(22)}m_{121}^{(21)} - 2m_{011}^{(10)}m_{300}^{(22)}m_{031}^{(20)} + 2m_{011}^{(10)}m_{210}^{(00)}m_{022}^{(22)}\\
&-2m_{011}^{(10)}m_{210}^{(00)}m_{013}^{(21)} - 2m_{011}^{(10)}m_{210}^{(10)}m_{112}^{(22)} + 2m_{011}^{(10)}m_{210}^{(10)}m_{013}^{(20)} - 2m_{011}^{(10)}m_{210}^{(20)}m_{121}^{(22)}\\
&+4m_{011}^{(10)}m_{210}^{(20)}m_{112}^{(21)} - 2m_{011}^{(10)}m_{210}^{(20)}m_{022}^{(20)} + 2m_{011}^{(10)}m_{210}^{(21)}m_{211}^{(22)} - 2m_{011}^{(10)}m_{210}^{(21)}m_{112}^{(20)}\\
&-2m_{011}^{(10)}m_{210}^{(22)}m_{211}^{(21)} + 2m_{011}^{(10)}m_{210}^{(22)}m_{121}^{(20)} - 2m_{011}^{(10)}m_{201}^{(00)}m_{031}^{(22)} + 2m_{011}^{(10)}m_{201}^{(00)}m_{022}^{(21)}\\
&+5m_{011}^{(10)}m_{201}^{(10)}m_{121}^{(22)} - 2m_{011}^{(10)}m_{201}^{(10)}m_{112}^{(21)} - m_{011}^{(10)}m_{201}^{(10)}m_{103}^{(11)} - 2m_{011}^{(10)}m_{201}^{(10)}m_{013}^{(10)}\\
&-3m_{011}^{(10)}m_{201}^{(11)}m_{211}^{(22)} - m_{011}^{(10)}m_{201}^{(11)}m_{202}^{(21)} + m_{011}^{(10)}m_{201}^{(11)}m_{112}^{(20)} + m_{011}^{(10)}m_{201}^{(11)}m_{103}^{(10)}\\
&+2m_{011}^{(10)}m_{201}^{(11)}m_{013}^{(00)} - m_{011}^{(10)}m_{201}^{(20)}m_{130}^{(22)} - 2m_{011}^{(10)}m_{201}^{(20)}m_{121}^{(21)} + m_{011}^{(10)}m_{201}^{(20)}m_{112}^{(11)}\\
&+2m_{011}^{(10)}m_{201}^{(20)}m_{022}^{(10)} + m_{011}^{(10)}m_{201}^{(21)}m_{220}^{(22)} + 4m_{011}^{(10)}m_{201}^{(21)}m_{211}^{(21)} + m_{011}^{(10)}m_{201}^{(21)}m_{202}^{(11)}\\
&-2m_{011}^{(10)}m_{201}^{(21)}m_{121}^{(20)} - 4m_{011}^{(10)}m_{201}^{(21)}m_{022}^{(00)} - m_{011}^{(10)}m_{201}^{(22)}m_{220}^{(21)} - m_{011}^{(10)}m_{201}^{(22)}m_{211}^{(11)}\\
&+m_{011}^{(10)}m_{201}^{(22)}m_{130}^{(20)} - m_{011}^{(10)}m_{201}^{(22)}m_{121}^{(10)} + 2m_{011}^{(10)}m_{201}^{(22)}m_{031}^{(00)} - m_{011}^{(10)}m_{111}^{(00)}m_{121}^{(22)}\\
&+m_{011}^{(10)}m_{111}^{(00)}m_{103}^{(11)} - 2m_{011}^{(10)}m_{111}^{(00)}m_{022}^{(20)} + 2m_{011}^{(10)}m_{111}^{(00)}m_{013}^{(10)} + 2m_{011}^{(10)}m_{111}^{(10)}m_{211}^{(22)}\\
&-2m_{011}^{(10)}m_{111}^{(10)}m_{013}^{(00)} - m_{011}^{(10)}m_{111}^{(11)}m_{301}^{(22)} + 2m_{011}^{(10)}m_{111}^{(11)}m_{202}^{(20)} - m_{011}^{(10)}m_{111}^{(11)}m_{103}^{(00)}\\
&-2m_{011}^{(10)}m_{111}^{(20)}m_{202}^{(11)} + 4m_{011}^{(10)}m_{111}^{(20)}m_{121}^{(20)} - 4m_{011}^{(10)}m_{111}^{(20)}m_{112}^{(10)} + 2m_{011}^{(10)}m_{111}^{(20)}m_{022}^{(00)}\\
&-4m_{011}^{(10)}m_{111}^{(21)}m_{211}^{(20)} + 4m_{011}^{(10)}m_{111}^{(21)}m_{112}^{(00)} + m_{011}^{(10)}m_{111}^{(22)}m_{301}^{(11)} + 2m_{011}^{(10)}m_{111}^{(22)}m_{211}^{(10)}\\
&-3m_{011}^{(10)}m_{111}^{(22)}m_{121}^{(00)} + m_{011}^{(10)}m_{102}^{(00)}m_{130}^{(22)} - m_{011}^{(10)}m_{102}^{(00)}m_{112}^{(11)} + 2m_{011}^{(10)}m_{102}^{(00)}m_{031}^{(20)}\\
&-2m_{011}^{(10)}m_{102}^{(00)}m_{022}^{(10)} - 2m_{011}^{(10)}m_{102}^{(10)}m_{220}^{(22)} - 2m_{011}^{(10)}m_{102}^{(10)}m_{211}^{(21)} + 2m_{011}^{(10)}m_{102}^{(10)}m_{202}^{(11)}\\
&-4m_{011}^{(10)}m_{102}^{(10)}m_{121}^{(20)} + 4m_{011}^{(10)}m_{102}^{(10)}m_{112}^{(10)} + 2m_{011}^{(10)}m_{102}^{(10)}m_{022}^{(00)} + m_{011}^{(10)}m_{102}^{(11)}m_{310}^{(22)}\\
&+2m_{011}^{(10)}m_{102}^{(11)}m_{301}^{(21)} + 2m_{011}^{(10)}m_{102}^{(11)}m_{211}^{(20)} - 2m_{011}^{(10)}m_{102}^{(11)}m_{202}^{(10)} - 3m_{011}^{(10)}m_{102}^{(11)}m_{112}^{(00)}\\
&+2m_{011}^{(10)}m_{102}^{(20)}m_{220}^{(21)} - 2m_{011}^{(10)}m_{102}^{(20)}m_{031}^{(00)} - 2m_{011}^{(10)}m_{102}^{(21)}m_{310}^{(21)} - 2m_{011}^{(10)}m_{102}^{(21)}m_{301}^{(11)}\\
&+4m_{011}^{(10)}m_{102}^{(21)}m_{121}^{(00)} + m_{011}^{(10)}m_{102}^{(22)}m_{310}^{(11)} - m_{011}^{(10)}m_{102}^{(22)}m_{130}^{(00)} - m_{011}^{(10)}m_{021}^{(00)}m_{211}^{(22)}\\
&+m_{011}^{(10)}m_{021}^{(00)}m_{202}^{(21)} + m_{011}^{(10)}m_{021}^{(00)}m_{112}^{(20)} - m_{011}^{(10)}m_{021}^{(00)}m_{103}^{(10)} + m_{011}^{(10)}m_{021}^{(10)}m_{301}^{(22)}\\
&-2m_{011}^{(10)}m_{021}^{(10)}m_{202}^{(20)} + m_{011}^{(10)}m_{021}^{(10)}m_{103}^{(00)} + m_{011}^{(10)}m_{021}^{(20)}m_{310}^{(22)} - 2m_{011}^{(10)}m_{021}^{(20)}m_{301}^{(21)}\\
&+2m_{011}^{(10)}m_{021}^{(20)}m_{202}^{(10)} - m_{011}^{(10)}m_{021}^{(20)}m_{112}^{(00)} - m_{011}^{(10)}m_{021}^{(21)}m_{400}^{(22)} + 2m_{011}^{(10)}m_{021}^{(21)}m_{301}^{(20)}\\
&-m_{011}^{(10)}m_{021}^{(21)}m_{202}^{(00)} + m_{011}^{(10)}m_{021}^{(22)}m_{400}^{(21)} - m_{011}^{(10)}m_{021}^{(22)}m_{310}^{(20)} - m_{011}^{(10)}m_{021}^{(22)}m_{301}^{(10)}\\
&+m_{011}^{(10)}m_{021}^{(22)}m_{211}^{(00)} + m_{011}^{(10)}m_{012}^{(00)}m_{220}^{(22)} - m_{011}^{(10)}m_{012}^{(00)}m_{202}^{(11)} - 2m_{011}^{(10)}m_{012}^{(10)}m_{310}^{(22)}\\
&+2m_{011}^{(10)}m_{012}^{(10)}m_{211}^{(20)} + m_{011}^{(10)}m_{012}^{(11)}m_{400}^{(22)} - 2m_{011}^{(10)}m_{012}^{(11)}m_{301}^{(20)} + m_{011}^{(10)}m_{012}^{(11)}m_{202}^{(00)}\\
&+2m_{011}^{(10)}m_{012}^{(20)}m_{301}^{(11)} - 2m_{011}^{(10)}m_{012}^{(20)}m_{220}^{(20)} + 2m_{011}^{(10)}m_{012}^{(21)}m_{310}^{(20)} - 2m_{011}^{(10)}m_{012}^{(21)}m_{211}^{(00)}
\end{aligned}
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\begin{aligned}
&-m_{011}^{(10)}m_{012}^{(22)}m_{400}^{(11)}+m_{011}^{(10)}m_{012}^{(22)}m_{220}^{(00)}-m_{011}^{(10)}m_{003}^{(00)}m_{220}^{(21)}+m_{011}^{(10)}m_{003}^{(00)}m_{211}^{(11)}\\
&-m_{011}^{(10)}m_{003}^{(00)}m_{130}^{(20)}+m_{011}^{(10)}m_{003}^{(00)}m_{121}^{(10)}+2m_{011}^{(10)}m_{003}^{(10)}m_{310}^{(21)}-m_{011}^{(10)}m_{003}^{(10)}m_{301}^{(11)}\\
&+2m_{011}^{(10)}m_{003}^{(10)}m_{220}^{(20)}-2m_{011}^{(10)}m_{003}^{(10)}m_{211}^{(10)}-m_{011}^{(10)}m_{003}^{(10)}m_{121}^{(00)}-m_{011}^{(10)}m_{003}^{(11)}m_{400}^{(21)}\\
&-m_{011}^{(10)}m_{003}^{(11)}m_{310}^{(20)}+m_{011}^{(10)}m_{003}^{(11)}m_{301}^{(10)}+m_{011}^{(10)}m_{003}^{(11)}m_{211}^{(00)}-m_{011}^{(10)}m_{003}^{(20)}m_{310}^{(11)}\\
&+m_{011}^{(10)}m_{003}^{(20)}m_{130}^{(00)}+m_{011}^{(10)}m_{003}^{(21)}m_{400}^{(11)}-m_{011}^{(10)}m_{003}^{(21)}m_{220}^{(00)}+m_{011}^{(11)}m_{300}^{(10)}m_{112}^{(22)}\\
&-m_{011}^{(11)}m_{300}^{(10)}m_{103}^{(21)}-m_{011}^{(11)}m_{300}^{(11)}m_{202}^{(22)}+m_{011}^{(11)}m_{300}^{(11)}m_{103}^{(20)}-m_{011}^{(11)}m_{300}^{(20)}m_{121}^{(22)}\\
&+m_{011}^{(11)}m_{300}^{(20)}m_{112}^{(21)}+m_{011}^{(11)}m_{300}^{(21)}m_{211}^{(22)}+m_{011}^{(11)}m_{300}^{(21)}m_{202}^{(21)}-2m_{011}^{(11)}m_{300}^{(21)}m_{112}^{(20)}\\
&-m_{011}^{(11)}m_{300}^{(22)}m_{211}^{(21)}+m_{011}^{(11)}m_{300}^{(22)}m_{121}^{(20)}-m_{011}^{(11)}m_{210}^{(00)}m_{112}^{(22)}+m_{011}^{(11)}m_{210}^{(00)}m_{103}^{(21)}\\
&+m_{011}^{(11)}m_{210}^{(10)}m_{202}^{(22)}-m_{011}^{(11)}m_{210}^{(10)}m_{103}^{(20)}+m_{011}^{(11)}m_{210}^{(20)}m_{211}^{(22)}-2m_{011}^{(11)}m_{210}^{(20)}m_{202}^{(21)}\\
&+m_{011}^{(11)}m_{210}^{(20)}m_{112}^{(20)}-m_{011}^{(11)}m_{210}^{(21)}m_{301}^{(22)}+m_{011}^{(11)}m_{210}^{(21)}m_{202}^{(20)}+m_{011}^{(11)}m_{210}^{(22)}m_{301}^{(21)}\\
&-m_{011}^{(11)}m_{210}^{(22)}m_{211}^{(20)}+m_{011}^{(11)}m_{201}^{(00)}m_{121}^{(22)}-m_{011}^{(11)}m_{201}^{(00)}m_{112}^{(21)}-3m_{011}^{(11)}m_{201}^{(10)}m_{211}^{(22)}\\
&+2m_{011}^{(11)}m_{201}^{(10)}m_{202}^{(21)}+m_{011}^{(11)}m_{201}^{(10)}m_{103}^{(10)}+2m_{011}^{(11)}m_{201}^{(11)}m_{301}^{(22)}-m_{011}^{(11)}m_{201}^{(11)}m_{202}^{(20)}\\
&-m_{011}^{(11)}m_{201}^{(11)}m_{103}^{(00)}+m_{011}^{(11)}m_{201}^{(20)}m_{220}^{(22)}-m_{011}^{(11)}m_{201}^{(20)}m_{112}^{(10)}-m_{011}^{(11)}m_{201}^{(21)}m_{310}^{(22)}\\
&-2m_{011}^{(11)}m_{201}^{(21)}m_{301}^{(21)}+2m_{011}^{(11)}m_{201}^{(21)}m_{211}^{(20)}-m_{011}^{(11)}m_{201}^{(21)}m_{202}^{(10)}+2m_{011}^{(11)}m_{201}^{(21)}m_{112}^{(00)}\\
&+m_{011}^{(11)}m_{201}^{(22)}m_{310}^{(21)}-m_{011}^{(11)}m_{201}^{(22)}m_{220}^{(20)}+m_{011}^{(11)}m_{201}^{(22)}m_{211}^{(10)}-m_{011}^{(11)}m_{201}^{(22)}m_{121}^{(00)}\\
&+m_{011}^{(11)}m_{111}^{(00)}m_{211}^{(22)}-m_{011}^{(11)}m_{111}^{(00)}m_{202}^{(21)}+m_{011}^{(11)}m_{111}^{(00)}m_{112}^{(20)}-m_{011}^{(11)}m_{111}^{(00)}m_{103}^{(10)}\\
&-m_{011}^{(11)}m_{111}^{(10)}m_{301}^{(22)}+m_{011}^{(11)}m_{111}^{(10)}m_{103}^{(00)}-m_{011}^{(11)}m_{111}^{(20)}m_{310}^{(22)}+2m_{011}^{(11)}m_{111}^{(20)}m_{301}^{(21)}\\
&-2m_{011}^{(11)}m_{111}^{(20)}m_{211}^{(20)}+2m_{011}^{(11)}m_{111}^{(20)}m_{202}^{(10)}-m_{011}^{(11)}m_{111}^{(20)}m_{112}^{(00)}+m_{011}^{(11)}m_{111}^{(21)}m_{400}^{(22)}\\
&-m_{011}^{(11)}m_{111}^{(21)}m_{202}^{(00)}-m_{011}^{(11)}m_{111}^{(22)}m_{400}^{(21)}+m_{011}^{(11)}m_{111}^{(22)}m_{310}^{(20)}-m_{011}^{(11)}m_{111}^{(22)}m_{301}^{(10)}\\
&+m_{011}^{(11)}m_{111}^{(22)}m_{211}^{(00)}-m_{011}^{(11)}m_{102}^{(00)}m_{220}^{(22)}+m_{011}^{(11)}m_{102}^{(00)}m_{211}^{(21)}-m_{011}^{(11)}m_{102}^{(00)}m_{121}^{(20)}\\
&+m_{011}^{(11)}m_{102}^{(00)}m_{112}^{(10)}+2m_{011}^{(11)}m_{102}^{(10)}m_{310}^{(22)}-m_{011}^{(11)}m_{102}^{(10)}m_{301}^{(21)}+2m_{011}^{(11)}m_{102}^{(10)}m_{211}^{(20)}\\
&-2m_{011}^{(11)}m_{102}^{(10)}m_{202}^{(10)}-m_{011}^{(11)}m_{102}^{(10)}m_{112}^{(00)}-m_{011}^{(11)}m_{102}^{(11)}m_{400}^{(22)}-m_{011}^{(11)}m_{102}^{(11)}m_{301}^{(20)}\\
&+2m_{011}^{(11)}m_{102}^{(11)}m_{202}^{(00)}-m_{011}^{(11)}m_{102}^{(20)}m_{310}^{(21)}+m_{011}^{(11)}m_{102}^{(20)}m_{121}^{(00)}+m_{011}^{(11)}m_{102}^{(21)}m_{400}^{(21)}\\
&+2m_{011}^{(11)}m_{102}^{(21)}m_{301}^{(10)}-3m_{011}^{(11)}m_{102}^{(21)}m_{211}^{(00)}-m_{011}^{(11)}m_{102}^{(22)}m_{310}^{(10)}+m_{011}^{(11)}m_{102}^{(22)}m_{220}^{(00)}\\
&-m_{011}^{(11)}m_{012}^{(00)}m_{211}^{(20)}+m_{011}^{(11)}m_{012}^{(00)}m_{202}^{(10)}+m_{011}^{(11)}m_{012}^{(10)}m_{301}^{(20)}-m_{011}^{(11)}m_{012}^{(10)}m_{202}^{(00)}\\
&+m_{011}^{(11)}m_{012}^{(20)}m_{310}^{(20)}-2m_{011}^{(11)}m_{012}^{(20)}m_{301}^{(10)}+m_{011}^{(11)}m_{012}^{(20)}m_{211}^{(00)}-m_{011}^{(11)}m_{012}^{(21)}m_{400}^{(20)}\\
&+m_{011}^{(11)}m_{012}^{(21)}m_{301}^{(00)}+m_{011}^{(11)}m_{012}^{(22)}m_{400}^{(10)}-m_{011}^{(11)}m_{012}^{(22)}m_{310}^{(00)}+m_{011}^{(11)}m_{003}^{(00)}m_{220}^{(20)}\\
&-m_{011}^{(11)}m_{003}^{(00)}m_{211}^{(10)}-2m_{011}^{(11)}m_{003}^{(10)}m_{310}^{(20)}+m_{011}^{(11)}m_{003}^{(10)}m_{301}^{(10)}+m_{011}^{(11)}m_{003}^{(10)}m_{211}^{(00)}\\
&+m_{011}^{(11)}m_{003}^{(11)}m_{400}^{(20)}-m_{011}^{(11)}m_{003}^{(11)}m_{301}^{(00)}+m_{011}^{(11)}m_{003}^{(20)}m_{310}^{(10)}-m_{011}^{(11)}m_{003}^{(20)}m_{220}^{(00)}\\
&-m_{011}^{(11)}m_{003}^{(21)}m_{400}^{(10)}+m_{011}^{(11)}m_{003}^{(21)}m_{310}^{(00)}+2m_{011}^{(20)}m_{300}^{(10)}m_{022}^{(21)}-2m_{011}^{(20)}m_{300}^{(10)}m_{013}^{(11)}\\
&-2m_{011}^{(20)}m_{300}^{(11)}m_{112}^{(21)}+2m_{011}^{(20)}m_{300}^{(11)}m_{013}^{(10)}-2m_{011}^{(20)}m_{300}^{(20)}m_{031}^{(21)}+2m_{011}^{(20)}m_{300}^{(20)}m_{022}^{(11)}\\
&+2m_{011}^{(20)}m_{300}^{(21)}m_{121}^{(21)}+2m_{011}^{(20)}m_{300}^{(21)}m_{112}^{(11)}-4m_{011}^{(20)}m_{300}^{(21)}m_{022}^{(10)}-2m_{011}^{(20)}m_{300}^{(22)}m_{121}^{(11)}\\
&+2m_{011}^{(20)}m_{300}^{(22)}m_{031}^{(10)}-2m_{011}^{(20)}m_{210}^{(00)}m_{022}^{(21)}+2m_{011}^{(20)}m_{210}^{(00)}m_{013}^{(11)}-m_{011}^{(20)}m_{210}^{(10)}m_{121}^{(22)}\\
&+2m_{011}^{(20)}m_{210}^{(10)}m_{112}^{(21)}+m_{011}^{(20)}m_{210}^{(10)}m_{103}^{(11)}-2m_{011}^{(20)}m_{210}^{(10)}m_{022}^{(20)}+m_{011}^{(20)}m_{210}^{(11)}m_{211}^{(22)}\\
&+m_{011}^{(20)}m_{210}^{(11)}m_{202}^{(21)}+m_{011}^{(20)}m_{210}^{(11)}m_{112}^{(20)}-m_{011}^{(20)}m_{210}^{(11)}m_{103}^{(10)}-2m_{011}^{(20)}m_{210}^{(11)}m_{013}^{(00)}\\
&+m_{011}^{(20)}m_{210}^{(20)}m_{130}^{(22)}+2m_{011}^{(20)}m_{210}^{(20)}m_{121}^{(21)}-5m_{011}^{(20)}m_{210}^{(20)}m_{112}^{(11)}+2m_{011}^{(20)}m_{210}^{(20)}m_{031}^{(20)}\\
&-m_{011}^{(20)}m_{210}^{(21)}m_{220}^{(22)}-4m_{011}^{(20)}m_{210}^{(21)}m_{211}^{(21)}-m_{011}^{(20)}m_{210}^{(21)}m_{202}^{(11)}+2m_{011}^{(20)}m_{210}^{(21)}m_{112}^{(10)}\\
&+4m_{011}^{(20)}m_{210}^{(21)}m_{022}^{(00)}+m_{011}^{(20)}m_{210}^{(22)}m_{220}^{(21)}+3m_{011}^{(20)}m_{210}^{(22)}m_{211}^{(11)}-m_{011}^{(20)}m_{210}^{(22)}m_{130}^{(20)}
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\begin{aligned}
&-m_{011}^{(20)}m_{210}^{(22)}m_{121}^{(10)} - 2m_{011}^{(20)}m_{210}^{(22)}m_{031}^{(00)} + 2m_{011}^{(20)}m_{201}^{(00)}m_{031}^{(21)} - 2m_{011}^{(20)}m_{201}^{(00)}m_{022}^{(11)}\\
&-4m_{011}^{(20)}m_{201}^{(10)}m_{121}^{(21)} + 2m_{011}^{(20)}m_{201}^{(10)}m_{112}^{(11)} + 2m_{011}^{(20)}m_{201}^{(10)}m_{022}^{(10)} + 2m_{011}^{(20)}m_{201}^{(11)}m_{211}^{(21)}\\
&-2m_{011}^{(20)}m_{201}^{(11)}m_{112}^{(10)} + 2m_{011}^{(20)}m_{201}^{(20)}m_{121}^{(11)} - 2m_{011}^{(20)}m_{201}^{(20)}m_{031}^{(10)} - 2m_{011}^{(20)}m_{201}^{(21)}m_{211}^{(11)}\\
&+2m_{011}^{(20)}m_{201}^{(21)}m_{121}^{(10)} + m_{011}^{(20)}m_{120}^{(00)}m_{121}^{(22)} - m_{011}^{(20)}m_{120}^{(00)}m_{103}^{(11)} + 2m_{011}^{(20)}m_{120}^{(00)}m_{022}^{(20)}\\
&-2m_{011}^{(20)}m_{120}^{(00)}m_{013}^{(10)} - 2m_{011}^{(20)}m_{120}^{(10)}m_{202}^{(21)} + 2m_{011}^{(20)}m_{120}^{(10)}m_{013}^{(00)} - m_{011}^{(20)}m_{120}^{(11)}m_{301}^{(22)}\\
&+m_{011}^{(20)}m_{120}^{(11)}m_{103}^{(00)} - 2m_{011}^{(20)}m_{120}^{(20)}m_{220}^{(22)} + 2m_{011}^{(20)}m_{120}^{(20)}m_{211}^{(21)} + 2m_{011}^{(20)}m_{120}^{(20)}m_{202}^{(11)}\\
&-4m_{011}^{(20)}m_{120}^{(20)}m_{121}^{(20)} + 4m_{011}^{(20)}m_{120}^{(20)}m_{112}^{(10)} - 2m_{011}^{(20)}m_{120}^{(20)}m_{022}^{(00)} + 2m_{011}^{(20)}m_{120}^{(21)}m_{310}^{(22)}\\
&+2m_{011}^{(20)}m_{120}^{(21)}m_{301}^{(21)} - 4m_{011}^{(20)}m_{120}^{(21)}m_{112}^{(00)} - 2m_{011}^{(20)}m_{120}^{(22)}m_{310}^{(21)} - m_{011}^{(20)}m_{120}^{(22)}m_{301}^{(11)}\\
&+2m_{011}^{(20)}m_{120}^{(22)}m_{220}^{(20)} - 2m_{011}^{(20)}m_{120}^{(22)}m_{211}^{(10)} + 3m_{011}^{(20)}m_{120}^{(22)}m_{121}^{(00)} - m_{011}^{(20)}m_{111}^{(00)}m_{130}^{(22)}\\
&+m_{011}^{(20)}m_{111}^{(00)}m_{112}^{(11)} - 2m_{011}^{(20)}m_{111}^{(00)}m_{031}^{(20)} + 2m_{011}^{(20)}m_{111}^{(00)}m_{022}^{(10)} + 2m_{011}^{(20)}m_{111}^{(10)}m_{220}^{(22)}\\
&+4m_{011}^{(20)}m_{111}^{(10)}m_{121}^{(20)} - 4m_{011}^{(20)}m_{111}^{(10)}m_{112}^{(10)} - 2m_{011}^{(20)}m_{111}^{(10)}m_{022}^{(00)} - m_{011}^{(20)}m_{111}^{(11)}m_{310}^{(22)}\\
&-2m_{011}^{(20)}m_{111}^{(11)}m_{211}^{(20)} + 3m_{011}^{(20)}m_{111}^{(11)}m_{112}^{(00)} - 2m_{011}^{(20)}m_{111}^{(20)}m_{211}^{(11)} + 2m_{011}^{(20)}m_{111}^{(20)}m_{031}^{(00)}\\
&+4m_{011}^{(20)}m_{111}^{(21)}m_{211}^{(10)} - 4m_{011}^{(20)}m_{111}^{(21)}m_{121}^{(00)} + m_{011}^{(20)}m_{111}^{(22)}m_{310}^{(11)} - 2m_{011}^{(20)}m_{111}^{(22)}m_{220}^{(10)}\\
&+m_{011}^{(20)}m_{111}^{(22)}m_{130}^{(00)} - m_{011}^{(20)}m_{030}^{(00)}m_{211}^{(22)} + m_{011}^{(20)}m_{030}^{(00)}m_{202}^{(21)} - m_{011}^{(20)}m_{030}^{(00)}m_{112}^{(20)}\\
&+m_{011}^{(20)}m_{030}^{(00)}m_{103}^{(10)} + m_{011}^{(20)}m_{030}^{(10)}m_{301}^{(22)} - m_{011}^{(20)}m_{030}^{(10)}m_{103}^{(00)} + m_{011}^{(20)}m_{030}^{(20)}m_{310}^{(22)}\\
&-2m_{011}^{(20)}m_{030}^{(20)}m_{301}^{(21)} + 2m_{011}^{(20)}m_{030}^{(20)}m_{211}^{(20)} - 2m_{011}^{(20)}m_{030}^{(20)}m_{202}^{(10)} + m_{011}^{(20)}m_{030}^{(20)}m_{112}^{(00)}\\
&-m_{011}^{(20)}m_{030}^{(21)}m_{400}^{(22)} + m_{011}^{(20)}m_{030}^{(21)}m_{202}^{(00)} + m_{011}^{(20)}m_{030}^{(22)}m_{400}^{(21)} - m_{011}^{(20)}m_{030}^{(22)}m_{310}^{(20)}\\
&+m_{011}^{(20)}m_{030}^{(22)}m_{301}^{(10)} - m_{011}^{(20)}m_{030}^{(22)}m_{211}^{(00)} + m_{011}^{(20)}m_{021}^{(00)}m_{220}^{(22)} - m_{011}^{(20)}m_{021}^{(00)}m_{202}^{(11)}\\
&-2m_{011}^{(20)}m_{021}^{(10)}m_{310}^{(22)} + 2m_{011}^{(20)}m_{021}^{(10)}m_{202}^{(10)} + m_{011}^{(20)}m_{021}^{(11)}m_{400}^{(22)} - m_{011}^{(20)}m_{021}^{(11)}m_{202}^{(00)}\\
&+2m_{011}^{(20)}m_{021}^{(20)}m_{301}^{(11)} - 2m_{011}^{(20)}m_{021}^{(20)}m_{211}^{(10)} - 2m_{011}^{(20)}m_{021}^{(21)}m_{301}^{(10)} + 2m_{011}^{(20)}m_{021}^{(21)}m_{211}^{(00)}\\
&-m_{011}^{(20)}m_{021}^{(22)}m_{400}^{(11)} + 2m_{011}^{(20)}m_{021}^{(22)}m_{310}^{(10)} - m_{011}^{(20)}m_{021}^{(22)}m_{220}^{(00)} - m_{011}^{(20)}m_{012}^{(00)}m_{220}^{(21)}\\
&+m_{011}^{(20)}m_{012}^{(00)}m_{211}^{(11)} + m_{011}^{(20)}m_{012}^{(00)}m_{130}^{(20)} - m_{011}^{(20)}m_{012}^{(00)}m_{121}^{(10)} + 2m_{011}^{(20)}m_{012}^{(10)}m_{310}^{(21)}\\
&-m_{011}^{(20)}m_{012}^{(10)}m_{301}^{(11)} - 2m_{011}^{(20)}m_{012}^{(10)}m_{220}^{(20)} + m_{011}^{(20)}m_{012}^{(10)}m_{121}^{(00)} - m_{011}^{(20)}m_{012}^{(11)}m_{400}^{(21)}\\
&+m_{011}^{(20)}m_{012}^{(11)}m_{310}^{(20)} + m_{011}^{(20)}m_{012}^{(11)}m_{301}^{(10)} - m_{011}^{(20)}m_{012}^{(11)}m_{211}^{(00)} - m_{011}^{(20)}m_{012}^{(20)}m_{310}^{(11)}\\
&+2m_{011}^{(20)}m_{012}^{(20)}m_{220}^{(10)} - m_{011}^{(20)}m_{012}^{(20)}m_{130}^{(00)} + m_{011}^{(20)}m_{012}^{(21)}m_{400}^{(11)} - 2m_{011}^{(20)}m_{012}^{(21)}m_{310}^{(10)}\\
&+m_{011}^{(20)}m_{012}^{(21)}m_{220}^{(00)} + m_{011}^{(21)}m_{300}^{(10)}m_{121}^{(22)} - 2m_{011}^{(21)}m_{300}^{(10)}m_{112}^{(21)} + m_{011}^{(21)}m_{300}^{(10)}m_{103}^{(11)}\\
&-m_{011}^{(21)}m_{300}^{(11)}m_{211}^{(22)} + m_{011}^{(21)}m_{300}^{(11)}m_{202}^{(21)} + m_{011}^{(21)}m_{300}^{(11)}m_{112}^{(20)} - m_{011}^{(21)}m_{300}^{(11)}m_{103}^{(10)}\\
&-m_{011}^{(21)}m_{300}^{(20)}m_{130}^{(22)} + 2m_{011}^{(21)}m_{300}^{(20)}m_{121}^{(21)} - m_{011}^{(21)}m_{300}^{(20)}m_{112}^{(11)} + m_{011}^{(21)}m_{300}^{(21)}m_{220}^{(22)}\\
&-m_{011}^{(21)}m_{300}^{(21)}m_{202}^{(11)} - 2m_{011}^{(21)}m_{300}^{(21)}m_{121}^{(20)} + 2m_{011}^{(21)}m_{300}^{(21)}m_{112}^{(10)} - m_{011}^{(21)}m_{300}^{(22)}m_{220}^{(21)}\\
&+m_{011}^{(21)}m_{300}^{(22)}m_{211}^{(11)} + m_{011}^{(21)}m_{300}^{(22)}m_{130}^{(20)} - m_{011}^{(21)}m_{300}^{(22)}m_{121}^{(10)} - m_{011}^{(21)}m_{210}^{(00)}m_{121}^{(22)}\\
&+2m_{011}^{(21)}m_{210}^{(00)}m_{112}^{(21)} - m_{011}^{(21)}m_{210}^{(00)}m_{103}^{(11)} + m_{011}^{(21)}m_{210}^{(11)}m_{301}^{(22)} - 2m_{011}^{(21)}m_{210}^{(11)}m_{202}^{(20)}\\
&+m_{011}^{(21)}m_{210}^{(11)}m_{103}^{(00)} + 2m_{011}^{(21)}m_{210}^{(20)}m_{220}^{(22)} - 4m_{011}^{(21)}m_{210}^{(20)}m_{211}^{(21)} + 2m_{011}^{(21)}m_{210}^{(20)}m_{202}^{(11)}\\
&-2m_{011}^{(21)}m_{210}^{(21)}m_{310}^{(22)} + 4m_{011}^{(21)}m_{210}^{(21)}m_{211}^{(20)} - 2m_{011}^{(21)}m_{210}^{(21)}m_{112}^{(00)} + 2m_{011}^{(21)}m_{210}^{(22)}m_{310}^{(21)}\\
&-m_{011}^{(21)}m_{210}^{(22)}m_{301}^{(11)} - 2m_{011}^{(21)}m_{210}^{(22)}m_{220}^{(20)} + m_{011}^{(21)}m_{210}^{(22)}m_{121}^{(00)} + m_{011}^{(21)}m_{201}^{(00)}m_{130}^{(22)}\\
&-2m_{011}^{(21)}m_{201}^{(00)}m_{121}^{(21)} + m_{011}^{(21)}m_{201}^{(00)}m_{112}^{(11)} - 2m_{011}^{(21)}m_{201}^{(10)}m_{220}^{(22)} + 4m_{011}^{(21)}m_{201}^{(10)}m_{211}^{(21)}\\
&-2m_{011}^{(21)}m_{201}^{(10)}m_{202}^{(11)} + m_{011}^{(21)}m_{201}^{(11)}m_{310}^{(22)} - 2m_{011}^{(21)}m_{201}^{(11)}m_{301}^{(21)} + 2m_{011}^{(21)}m_{201}^{(11)}m_{202}^{(10)}\\
&-m_{011}^{(21)}m_{201}^{(11)}m_{112}^{(00)} + 2m_{011}^{(21)}m_{201}^{(21)}m_{301}^{(11)} - 4m_{011}^{(21)}m_{201}^{(21)}m_{211}^{(10)} + 2m_{011}^{(21)}m_{201}^{(21)}m_{121}^{(00)}\\
&-m_{011}^{(21)}m_{201}^{(22)}m_{310}^{(11)} + 2m_{011}^{(21)}m_{201}^{(22)}m_{220}^{(10)} - m_{011}^{(21)}m_{201}^{(22)}m_{130}^{(00)} + m_{011}^{(21)}m_{120}^{(00)}m_{211}^{(22)}
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\begin{aligned}
&-m_{011}^{(21)}m_{120}^{(00)}m_{202}^{(21)} - m_{011}^{(21)}m_{120}^{(00)}m_{112}^{(20)} + m_{011}^{(21)}m_{120}^{(00)}m_{103}^{(10)} - m_{011}^{(21)}m_{120}^{(10)}m_{301}^{(22)}\\
&+2m_{011}^{(21)}m_{120}^{(10)}m_{202}^{(20)} - m_{011}^{(21)}m_{120}^{(10)}m_{103}^{(00)} - m_{011}^{(21)}m_{120}^{(20)}m_{310}^{(22)} + 2m_{011}^{(21)}m_{120}^{(20)}m_{301}^{(21)}\\
&-2m_{011}^{(21)}m_{120}^{(20)}m_{202}^{(10)} + m_{011}^{(21)}m_{120}^{(20)}m_{112}^{(00)} + m_{011}^{(21)}m_{120}^{(21)}m_{400}^{(22)} - 2m_{011}^{(21)}m_{120}^{(21)}m_{301}^{(20)}\\
&+m_{011}^{(21)}m_{120}^{(21)}m_{202}^{(00)} - m_{011}^{(21)}m_{120}^{(22)}m_{400}^{(21)} + m_{011}^{(21)}m_{120}^{(22)}m_{310}^{(20)} + m_{011}^{(21)}m_{120}^{(22)}m_{301}^{(10)}\\
&-m_{011}^{(21)}m_{120}^{(22)}m_{211}^{(00)} - m_{011}^{(21)}m_{111}^{(00)}m_{220}^{(22)} + m_{011}^{(21)}m_{111}^{(00)}m_{202}^{(11)} + 2m_{011}^{(21)}m_{111}^{(00)}m_{121}^{(20)}\\
&-2m_{011}^{(21)}m_{111}^{(00)}m_{112}^{(10)} + 2m_{011}^{(21)}m_{111}^{(10)}m_{310}^{(22)} - 4m_{011}^{(21)}m_{111}^{(10)}m_{211}^{(20)} + 2m_{011}^{(21)}m_{111}^{(10)}m_{112}^{(00)}\\
&-m_{011}^{(21)}m_{111}^{(11)}m_{400}^{(22)} + 2m_{011}^{(21)}m_{111}^{(11)}m_{301}^{(20)} - m_{011}^{(21)}m_{111}^{(11)}m_{202}^{(00)} - 2m_{011}^{(21)}m_{111}^{(20)}m_{301}^{(11)}\\
&+4m_{011}^{(21)}m_{111}^{(20)}m_{211}^{(10)} - 2m_{011}^{(21)}m_{111}^{(20)}m_{121}^{(00)} + m_{011}^{(21)}m_{111}^{(22)}m_{400}^{(11)} - 2m_{011}^{(21)}m_{111}^{(22)}m_{310}^{(10)}\\
&+m_{011}^{(21)}m_{111}^{(22)}m_{220}^{(00)} + m_{011}^{(21)}m_{102}^{(00)}m_{220}^{(21)} - m_{011}^{(21)}m_{102}^{(00)}m_{211}^{(11)} - m_{011}^{(21)}m_{102}^{(00)}m_{130}^{(20)}\\
&+m_{011}^{(21)}m_{102}^{(00)}m_{121}^{(10)} - 2m_{011}^{(21)}m_{102}^{(10)}m_{310}^{(21)} + m_{011}^{(21)}m_{102}^{(10)}m_{301}^{(11)} + 2m_{011}^{(21)}m_{102}^{(10)}m_{220}^{(20)}\\
&-m_{011}^{(21)}m_{102}^{(10)}m_{121}^{(00)} + m_{011}^{(21)}m_{102}^{(11)}m_{400}^{(21)} - m_{011}^{(21)}m_{102}^{(11)}m_{310}^{(20)} - m_{011}^{(21)}m_{102}^{(11)}m_{301}^{(10)}\\
&+m_{011}^{(21)}m_{102}^{(11)}m_{211}^{(00)} + m_{011}^{(21)}m_{102}^{(20)}m_{310}^{(11)} - 2m_{011}^{(21)}m_{102}^{(20)}m_{220}^{(10)} + m_{011}^{(21)}m_{102}^{(20)}m_{130}^{(00)}\\
&-m_{011}^{(21)}m_{102}^{(21)}m_{400}^{(11)} + 2m_{011}^{(21)}m_{102}^{(21)}m_{310}^{(10)} - m_{011}^{(21)}m_{102}^{(21)}m_{220}^{(00)} - m_{011}^{(22)}m_{300}^{(10)}m_{121}^{(21)}\\
&+m_{011}^{(22)}m_{300}^{(10)}m_{112}^{(11)} + m_{011}^{(22)}m_{300}^{(11)}m_{211}^{(21)} - m_{011}^{(22)}m_{300}^{(11)}m_{112}^{(10)} + m_{011}^{(22)}m_{300}^{(20)}m_{130}^{(21)}\\
&-m_{011}^{(22)}m_{300}^{(20)}m_{121}^{(11)} - m_{011}^{(22)}m_{300}^{(21)}m_{220}^{(21)} - m_{011}^{(22)}m_{300}^{(21)}m_{211}^{(11)} + 2m_{011}^{(22)}m_{300}^{(21)}m_{121}^{(10)}\\
&+m_{011}^{(22)}m_{300}^{(22)}m_{220}^{(11)} - m_{011}^{(22)}m_{300}^{(22)}m_{130}^{(10)} + m_{011}^{(22)}m_{210}^{(00)}m_{121}^{(21)} - m_{011}^{(22)}m_{210}^{(00)}m_{112}^{(11)}\\
&-m_{011}^{(22)}m_{210}^{(10)}m_{202}^{(11)} + m_{011}^{(22)}m_{210}^{(10)}m_{121}^{(20)} - m_{011}^{(22)}m_{210}^{(11)}m_{301}^{(21)} - m_{011}^{(22)}m_{210}^{(11)}m_{211}^{(20)}\\
&+m_{011}^{(22)}m_{210}^{(11)}m_{202}^{(10)} + m_{011}^{(22)}m_{210}^{(11)}m_{112}^{(00)} - 2m_{011}^{(22)}m_{210}^{(20)}m_{220}^{(21)} + 3m_{011}^{(22)}m_{210}^{(20)}m_{211}^{(11)}\\
&-m_{011}^{(22)}m_{210}^{(20)}m_{130}^{(20)} + 2m_{011}^{(22)}m_{210}^{(21)}m_{310}^{(21)} + m_{011}^{(22)}m_{210}^{(21)}m_{301}^{(11)} + m_{011}^{(22)}m_{210}^{(21)}m_{220}^{(20)}\\
&-2m_{011}^{(22)}m_{210}^{(21)}m_{211}^{(10)} - 2m_{011}^{(22)}m_{210}^{(21)}m_{121}^{(00)} - 2m_{011}^{(22)}m_{210}^{(22)}m_{310}^{(11)} + m_{011}^{(22)}m_{210}^{(22)}m_{220}^{(10)}\\
&+m_{011}^{(22)}m_{210}^{(22)}m_{130}^{(00)} - m_{011}^{(22)}m_{201}^{(00)}m_{130}^{(21)} + m_{011}^{(22)}m_{201}^{(00)}m_{121}^{(11)} + 2m_{011}^{(22)}m_{201}^{(10)}m_{220}^{(21)}\\
&-m_{011}^{(22)}m_{201}^{(10)}m_{211}^{(11)} - m_{011}^{(22)}m_{201}^{(10)}m_{121}^{(10)} - m_{011}^{(22)}m_{201}^{(11)}m_{310}^{(21)} + m_{011}^{(22)}m_{201}^{(11)}m_{211}^{(10)}\\
&-m_{011}^{(22)}m_{201}^{(20)}m_{220}^{(11)} + m_{011}^{(22)}m_{201}^{(20)}m_{130}^{(10)} + m_{011}^{(22)}m_{201}^{(21)}m_{310}^{(11)} - m_{011}^{(22)}m_{201}^{(21)}m_{220}^{(10)}\\
&-m_{011}^{(22)}m_{120}^{(00)}m_{211}^{(21)} + m_{011}^{(22)}m_{120}^{(00)}m_{202}^{(11)} - m_{011}^{(22)}m_{120}^{(00)}m_{121}^{(20)} + m_{011}^{(22)}m_{120}^{(00)}m_{112}^{(10)}\\
&+m_{011}^{(22)}m_{120}^{(10)}m_{301}^{(21)} - m_{011}^{(22)}m_{120}^{(10)}m_{112}^{(00)} + m_{011}^{(22)}m_{120}^{(11)}m_{301}^{(20)} - m_{011}^{(22)}m_{120}^{(11)}m_{202}^{(00)}\\
&+m_{011}^{(22)}m_{120}^{(20)}m_{310}^{(21)} - 2m_{011}^{(22)}m_{120}^{(20)}m_{301}^{(11)} + 2m_{011}^{(22)}m_{120}^{(20)}m_{220}^{(20)} - 2m_{011}^{(22)}m_{120}^{(20)}m_{211}^{(10)}\\
&+m_{011}^{(22)}m_{120}^{(20)}m_{121}^{(00)} - m_{011}^{(22)}m_{120}^{(21)}m_{400}^{(21)} - 2m_{011}^{(22)}m_{120}^{(21)}m_{310}^{(20)} + 3m_{011}^{(22)}m_{120}^{(21)}m_{211}^{(00)}\\
&+m_{011}^{(22)}m_{120}^{(22)}m_{400}^{(11)} + m_{011}^{(22)}m_{120}^{(22)}m_{310}^{(10)} - 2m_{011}^{(22)}m_{120}^{(22)}m_{220}^{(00)} + m_{011}^{(22)}m_{111}^{(00)}m_{220}^{(21)}\\
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&+m_{011}^{(22)}m_{111}^{(10)}m_{301}^{(11)} - 2m_{011}^{(22)}m_{111}^{(10)}m_{220}^{(20)} + 2m_{011}^{(22)}m_{111}^{(10)}m_{211}^{(10)} + m_{011}^{(22)}m_{111}^{(10)}m_{121}^{(00)}\\
&+m_{011}^{(22)}m_{111}^{(11)}m_{400}^{(21)} + m_{011}^{(22)}m_{111}^{(11)}m_{310}^{(20)} - m_{011}^{(22)}m_{111}^{(11)}m_{301}^{(10)} - m_{011}^{(22)}m_{111}^{(11)}m_{211}^{(00)}\\
&+m_{011}^{(22)}m_{111}^{(20)}m_{310}^{(11)} - m_{011}^{(22)}m_{111}^{(20)}m_{130}^{(00)} - m_{011}^{(22)}m_{111}^{(21)}m_{400}^{(11)} + m_{011}^{(22)}m_{111}^{(21)}m_{220}^{(00)}\\
&+m_{011}^{(22)}m_{030}^{(00)}m_{211}^{(20)} - m_{011}^{(22)}m_{030}^{(00)}m_{202}^{(10)} - m_{011}^{(22)}m_{030}^{(10)}m_{301}^{(20)} + m_{011}^{(22)}m_{030}^{(10)}m_{202}^{(00)}\\
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&+m_{011}^{(22)}m_{021}^{(00)}m_{211}^{(10)} + 2m_{011}^{(22)}m_{021}^{(10)}m_{310}^{(20)} - m_{011}^{(22)}m_{021}^{(10)}m_{301}^{(10)} - m_{011}^{(22)}m_{021}^{(10)}m_{211}^{(00)}\\
&-m_{011}^{(22)}m_{021}^{(11)}m_{400}^{(20)} + m_{011}^{(22)}m_{021}^{(11)}m_{301}^{(00)} - m_{011}^{(22)}m_{021}^{(20)}m_{310}^{(10)} + m_{011}^{(22)}m_{021}^{(20)}m_{220}^{(00)}\\
&+m_{011}^{(22)}m_{021}^{(21)}m_{400}^{(10)} - m_{011}^{(22)}m_{021}^{(21)}m_{310}^{(00)} - m_{002}^{(00)}m_{210}^{(10)}m_{031}^{(22)} + m_{002}^{(00)}m_{210}^{(10)}m_{022}^{(21)}
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\begin{aligned}
&+m_{002}^{(00)}m_{210}^{(11)}m_{121}^{(22)} - m_{002}^{(00)}m_{210}^{(11)}m_{022}^{(20)} + m_{002}^{(00)}m_{210}^{(20)}m_{040}^{(22)} - m_{002}^{(00)}m_{210}^{(20)}m_{031}^{(21)}\\
&-m_{002}^{(00)}m_{210}^{(21)}m_{130}^{(22)} - m_{002}^{(00)}m_{210}^{(21)}m_{121}^{(21)} + 2m_{002}^{(00)}m_{210}^{(21)}m_{031}^{(20)} + m_{002}^{(00)}m_{210}^{(22)}m_{130}^{(21)}\\
&-m_{002}^{(00)}m_{210}^{(22)}m_{040}^{(20)} + m_{002}^{(00)}m_{201}^{(10)}m_{031}^{(21)} - m_{002}^{(00)}m_{201}^{(10)}m_{022}^{(11)} - m_{002}^{(00)}m_{201}^{(11)}m_{121}^{(21)}\\
&+m_{002}^{(00)}m_{201}^{(11)}m_{022}^{(10)} - m_{002}^{(00)}m_{201}^{(20)}m_{040}^{(21)} + m_{002}^{(00)}m_{201}^{(20)}m_{031}^{(11)} + m_{002}^{(00)}m_{201}^{(21)}m_{130}^{(21)}\\
&+m_{002}^{(00)}m_{201}^{(21)}m_{121}^{(11)} - 2m_{002}^{(00)}m_{201}^{(21)}m_{031}^{(10)} - m_{002}^{(00)}m_{201}^{(22)}m_{130}^{(11)} + m_{002}^{(00)}m_{201}^{(22)}m_{040}^{(10)}\\
&+m_{002}^{(00)}m_{120}^{(00)}m_{031}^{(22)} - m_{002}^{(00)}m_{120}^{(00)}m_{022}^{(21)} - m_{002}^{(00)}m_{120}^{(10)}m_{112}^{(21)} + m_{002}^{(00)}m_{120}^{(10)}m_{022}^{(20)}\\
&-m_{002}^{(00)}m_{120}^{(11)}m_{211}^{(22)} + m_{002}^{(00)}m_{120}^{(11)}m_{112}^{(20)} - 2m_{002}^{(00)}m_{120}^{(20)}m_{130}^{(22)} + 3m_{002}^{(00)}m_{120}^{(20)}m_{121}^{(21)}\\
&-m_{002}^{(00)}m_{120}^{(20)}m_{031}^{(20)} + 2m_{002}^{(00)}m_{120}^{(21)}m_{220}^{(22)} + m_{002}^{(00)}m_{120}^{(21)}m_{211}^{(21)} - 3m_{002}^{(00)}m_{120}^{(21)}m_{121}^{(20)}\\
&-2m_{002}^{(00)}m_{120}^{(22)}m_{220}^{(21)} + 2m_{002}^{(00)}m_{120}^{(22)}m_{130}^{(20)} - m_{002}^{(00)}m_{111}^{(00)}m_{040}^{(22)} + m_{002}^{(00)}m_{111}^{(00)}m_{022}^{(11)}\\
&+2m_{002}^{(00)}m_{111}^{(10)}m_{130}^{(22)} - m_{002}^{(00)}m_{111}^{(10)}m_{121}^{(21)} + m_{002}^{(00)}m_{111}^{(10)}m_{112}^{(11)} - m_{002}^{(00)}m_{111}^{(10)}m_{031}^{(20)}\\
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&-m_{002}^{(00)}m_{111}^{(11)}m_{112}^{(10)} + m_{002}^{(00)}m_{111}^{(20)}m_{130}^{(21)} - 3m_{002}^{(00)}m_{111}^{(20)}m_{121}^{(11)} + m_{002}^{(00)}m_{111}^{(20)}m_{040}^{(20)}\\
&+m_{002}^{(00)}m_{111}^{(20)}m_{031}^{(10)} - m_{002}^{(00)}m_{111}^{(21)}m_{220}^{(21)} - m_{002}^{(00)}m_{111}^{(21)}m_{211}^{(11)} - m_{002}^{(00)}m_{111}^{(21)}m_{130}^{(20)}\\
&+3m_{002}^{(00)}m_{111}^{(21)}m_{121}^{(10)} + 2m_{002}^{(00)}m_{111}^{(22)}m_{220}^{(11)} - 2m_{002}^{(00)}m_{111}^{(22)}m_{130}^{(10)} + m_{002}^{(00)}m_{102}^{(00)}m_{040}^{(21)}\\
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&+m_{002}^{(00)}m_{102}^{(11)}m_{220}^{(21)} - m_{002}^{(00)}m_{102}^{(11)}m_{121}^{(10)} + m_{002}^{(00)}m_{102}^{(20)}m_{130}^{(11)} - m_{002}^{(00)}m_{102}^{(20)}m_{040}^{(10)}\\
&-m_{002}^{(00)}m_{102}^{(21)}m_{220}^{(11)} + m_{002}^{(00)}m_{102}^{(21)}m_{130}^{(10)} - m_{002}^{(00)}m_{030}^{(00)}m_{121}^{(22)} + m_{002}^{(00)}m_{030}^{(00)}m_{112}^{(21)}\\
&+m_{002}^{(00)}m_{030}^{(10)}m_{211}^{(22)} - m_{002}^{(00)}m_{030}^{(10)}m_{112}^{(20)} + m_{002}^{(00)}m_{030}^{(20)}m_{220}^{(22)} - 2m_{002}^{(00)}m_{030}^{(20)}m_{211}^{(21)}\\
&+m_{002}^{(00)}m_{030}^{(20)}m_{121}^{(20)} - m_{002}^{(00)}m_{030}^{(21)}m_{310}^{(22)} + m_{002}^{(00)}m_{030}^{(21)}m_{211}^{(20)} + m_{002}^{(00)}m_{030}^{(22)}m_{310}^{(21)}\\
&-m_{002}^{(00)}m_{030}^{(22)}m_{220}^{(20)} + m_{002}^{(00)}m_{021}^{(00)}m_{130}^{(22)} - m_{002}^{(00)}m_{021}^{(00)}m_{112}^{(11)} - 2m_{002}^{(00)}m_{021}^{(10)}m_{220}^{(22)}\\
&+m_{002}^{(00)}m_{021}^{(10)}m_{121}^{(20)} + m_{002}^{(00)}m_{021}^{(10)}m_{112}^{(10)} + m_{002}^{(00)}m_{021}^{(11)}m_{310}^{(22)} - m_{002}^{(00)}m_{021}^{(11)}m_{211}^{(20)}\\
&+2m_{002}^{(00)}m_{021}^{(20)}m_{211}^{(11)} - m_{002}^{(00)}m_{021}^{(20)}m_{130}^{(20)} - m_{002}^{(00)}m_{021}^{(20)}m_{121}^{(10)} + m_{002}^{(00)}m_{021}^{(21)}m_{220}^{(20)}\\
&-m_{002}^{(00)}m_{021}^{(21)}m_{211}^{(10)} - m_{002}^{(00)}m_{021}^{(22)}m_{310}^{(11)} + m_{002}^{(00)}m_{021}^{(22)}m_{220}^{(10)} - m_{002}^{(00)}m_{012}^{(00)}m_{130}^{(21)}\\
&+m_{002}^{(00)}m_{012}^{(00)}m_{121}^{(11)} + 2m_{002}^{(00)}m_{012}^{(10)}m_{220}^{(21)} - m_{002}^{(00)}m_{012}^{(10)}m_{211}^{(11)} - m_{002}^{(00)}m_{012}^{(10)}m_{121}^{(10)}\\
&-m_{002}^{(00)}m_{012}^{(11)}m_{310}^{(21)} + m_{002}^{(00)}m_{012}^{(11)}m_{211}^{(10)} - m_{002}^{(00)}m_{012}^{(20)}m_{220}^{(11)} + m_{002}^{(00)}m_{012}^{(20)}m_{130}^{(10)}\\
&+m_{002}^{(00)}m_{012}^{(21)}m_{310}^{(11)} - m_{002}^{(00)}m_{012}^{(21)}m_{220}^{(10)} + m_{002}^{(10)}m_{300}^{(10)}m_{031}^{(22)} - m_{002}^{(10)}m_{300}^{(10)}m_{022}^{(21)}\\
&-m_{002}^{(10)}m_{300}^{(11)}m_{121}^{(22)} + m_{002}^{(10)}m_{300}^{(11)}m_{022}^{(20)} - m_{002}^{(10)}m_{300}^{(20)}m_{040}^{(22)} + m_{002}^{(10)}m_{300}^{(20)}m_{031}^{(21)}\\
&+m_{002}^{(10)}m_{300}^{(21)}m_{130}^{(22)} + m_{002}^{(10)}m_{300}^{(21)}m_{121}^{(21)} - 2m_{002}^{(10)}m_{300}^{(21)}m_{031}^{(20)} - m_{002}^{(10)}m_{300}^{(22)}m_{130}^{(21)}\\
&+m_{002}^{(10)}m_{300}^{(22)}m_{040}^{(20)} - m_{002}^{(10)}m_{210}^{(00)}m_{031}^{(22)} + m_{002}^{(10)}m_{210}^{(00)}m_{022}^{(21)} + m_{002}^{(10)}m_{210}^{(10)}m_{121}^{(22)}\\
&-m_{002}^{(10)}m_{210}^{(10)}m_{022}^{(20)} + m_{002}^{(10)}m_{210}^{(20)}m_{130}^{(22)} - 2m_{002}^{(10)}m_{210}^{(20)}m_{121}^{(21)} + m_{002}^{(10)}m_{210}^{(20)}m_{031}^{(20)}\\
&-m_{002}^{(10)}m_{210}^{(21)}m_{220}^{(22)} + m_{002}^{(10)}m_{210}^{(21)}m_{121}^{(20)} + m_{002}^{(10)}m_{210}^{(22)}m_{220}^{(21)} - m_{002}^{(10)}m_{210}^{(22)}m_{130}^{(20)}\\
&+m_{002}^{(10)}m_{201}^{(00)}m_{040}^{(22)} - m_{002}^{(10)}m_{201}^{(00)}m_{031}^{(21)} - 2m_{002}^{(10)}m_{201}^{(10)}m_{130}^{(22)} + m_{002}^{(10)}m_{201}^{(10)}m_{112}^{(11)}\\
&+m_{002}^{(10)}m_{201}^{(10)}m_{022}^{(10)} + m_{002}^{(10)}m_{201}^{(11)}m_{220}^{(22)} + m_{002}^{(10)}m_{201}^{(11)}m_{211}^{(21)} - m_{002}^{(10)}m_{201}^{(11)}m_{112}^{(10)}\\
&-m_{002}^{(10)}m_{201}^{(11)}m_{022}^{(00)} + 2m_{002}^{(10)}m_{201}^{(20)}m_{130}^{(21)} - m_{002}^{(10)}m_{201}^{(20)}m_{121}^{(11)} - m_{002}^{(10)}m_{201}^{(20)}m_{031}^{(10)}\\
&-2m_{002}^{(10)}m_{201}^{(21)}m_{220}^{(21)} - m_{002}^{(10)}m_{201}^{(21)}m_{211}^{(11)} + m_{002}^{(10)}m_{201}^{(21)}m_{121}^{(10)} + 2m_{002}^{(10)}m_{201}^{(21)}m_{031}^{(00)}\\
&+m_{002}^{(10)}m_{201}^{(22)}m_{220}^{(11)} - m_{002}^{(10)}m_{201}^{(22)}m_{040}^{(00)} - m_{002}^{(10)}m_{120}^{(10)}m_{211}^{(22)} + m_{002}^{(10)}m_{120}^{(10)}m_{202}^{(21)}\\
&+m_{002}^{(10)}m_{120}^{(11)}m_{301}^{(22)} - m_{002}^{(10)}m_{120}^{(11)}m_{202}^{(20)} + m_{002}^{(10)}m_{120}^{(20)}m_{220}^{(22)} - m_{002}^{(10)}m_{120}^{(20)}m_{211}^{(21)}\\
&-m_{002}^{(10)}m_{120}^{(21)}m_{310}^{(22)} - m_{002}^{(10)}m_{120}^{(21)}m_{301}^{(21)} + 2m_{002}^{(10)}m_{120}^{(21)}m_{211}^{(20)} + m_{002}^{(10)}m_{120}^{(22)}m_{310}^{(21)}
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\begin{aligned}
&-m_{002}^{(10)}m_{120}^{(22)}m_{220}^{(20)}+m_{002}^{(10)}m_{111}^{(00)}m_{121}^{(21)}-m_{002}^{(10)}m_{111}^{(00)}m_{112}^{(11)}+m_{002}^{(10)}m_{111}^{(00)}m_{031}^{(20)}\\
&-m_{002}^{(10)}m_{111}^{(00)}m_{022}^{(10)}-m_{002}^{(10)}m_{111}^{(10)}m_{202}^{(11)}+m_{002}^{(10)}m_{111}^{(10)}m_{022}^{(00)}-m_{002}^{(10)}m_{111}^{(11)}m_{301}^{(21)}\\
&-m_{002}^{(10)}m_{111}^{(11)}m_{211}^{(20)}+m_{002}^{(10)}m_{111}^{(11)}m_{202}^{(10)}+m_{002}^{(10)}m_{111}^{(11)}m_{112}^{(00)}-2m_{002}^{(10)}m_{111}^{(20)}m_{220}^{(21)}\\
&+3m_{002}^{(10)}m_{111}^{(20)}m_{211}^{(11)}-2m_{002}^{(10)}m_{111}^{(20)}m_{130}^{(20)}+2m_{002}^{(10)}m_{111}^{(20)}m_{121}^{(10)}-m_{002}^{(10)}m_{111}^{(20)}m_{031}^{(00)}\\
&+2m_{002}^{(10)}m_{111}^{(21)}m_{310}^{(21)}+m_{002}^{(10)}m_{111}^{(21)}m_{301}^{(11)}+2m_{002}^{(10)}m_{111}^{(21)}m_{220}^{(20)}-2m_{002}^{(10)}m_{111}^{(21)}m_{211}^{(10)}\\
&-3m_{002}^{(10)}m_{111}^{(21)}m_{121}^{(00)}-2m_{002}^{(10)}m_{111}^{(22)}m_{310}^{(11)}+2m_{002}^{(10)}m_{111}^{(22)}m_{130}^{(00)}-m_{002}^{(10)}m_{102}^{(00)}m_{130}^{(21)}\\
&+m_{002}^{(10)}m_{102}^{(00)}m_{121}^{(11)}-m_{002}^{(10)}m_{102}^{(00)}m_{040}^{(20)}+m_{002}^{(10)}m_{102}^{(00)}m_{031}^{(10)}+2m_{002}^{(10)}m_{102}^{(10)}m_{220}^{(21)}\\
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&-m_{002}^{(10)}m_{102}^{(11)}m_{310}^{(21)}-m_{002}^{(10)}m_{102}^{(11)}m_{220}^{(20)}+m_{002}^{(10)}m_{102}^{(11)}m_{211}^{(10)}+m_{002}^{(10)}m_{102}^{(11)}m_{121}^{(00)}\\
&-m_{002}^{(10)}m_{102}^{(20)}m_{220}^{(11)}+m_{002}^{(10)}m_{102}^{(20)}m_{040}^{(00)}+m_{002}^{(10)}m_{102}^{(21)}m_{310}^{(11)}-m_{002}^{(10)}m_{102}^{(21)}m_{130}^{(00)}\\
&+m_{002}^{(10)}m_{030}^{(00)}m_{211}^{(22)}-m_{002}^{(10)}m_{030}^{(00)}m_{202}^{(21)}-m_{002}^{(10)}m_{030}^{(10)}m_{301}^{(22)}+m_{002}^{(10)}m_{030}^{(10)}m_{202}^{(20)}\\
&-m_{002}^{(10)}m_{030}^{(20)}m_{310}^{(22)}+2m_{002}^{(10)}m_{030}^{(20)}m_{301}^{(21)}-m_{002}^{(10)}m_{030}^{(20)}m_{211}^{(20)}+m_{002}^{(10)}m_{030}^{(21)}m_{400}^{(22)}\\
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&-m_{002}^{(10)}m_{021}^{(10)}m_{202}^{(10)}-m_{002}^{(10)}m_{021}^{(10)}m_{112}^{(00)}-m_{002}^{(10)}m_{021}^{(11)}m_{400}^{(22)}+m_{002}^{(10)}m_{021}^{(11)}m_{301}^{(20)}\\
&-2m_{002}^{(10)}m_{021}^{(20)}m_{301}^{(11)}+2m_{002}^{(10)}m_{021}^{(20)}m_{220}^{(20)}-m_{002}^{(10)}m_{021}^{(20)}m_{211}^{(10)}+m_{002}^{(10)}m_{021}^{(20)}m_{121}^{(00)}\\
&-2m_{002}^{(10)}m_{021}^{(21)}m_{310}^{(20)}+m_{002}^{(10)}m_{021}^{(21)}m_{301}^{(10)}+m_{002}^{(10)}m_{021}^{(21)}m_{211}^{(00)}+m_{002}^{(10)}m_{021}^{(22)}m_{400}^{(11)}\\
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&+2m_{002}^{(10)}m_{012}^{(10)}m_{211}^{(10)}+m_{002}^{(10)}m_{012}^{(10)}m_{121}^{(00)}+m_{002}^{(10)}m_{012}^{(11)}m_{400}^{(21)}+m_{002}^{(10)}m_{012}^{(11)}m_{310}^{(20)}\\
&-m_{002}^{(10)}m_{012}^{(11)}m_{301}^{(10)}-m_{002}^{(10)}m_{012}^{(11)}m_{211}^{(00)}+m_{002}^{(10)}m_{012}^{(20)}m_{310}^{(11)}-m_{002}^{(10)}m_{012}^{(20)}m_{130}^{(00)}\\
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&+m_{002}^{(11)}m_{300}^{(11)}m_{211}^{(22)}-m_{002}^{(11)}m_{300}^{(11)}m_{112}^{(20)}+m_{002}^{(11)}m_{300}^{(20)}m_{130}^{(22)}-m_{002}^{(11)}m_{300}^{(20)}m_{121}^{(21)}\\
&-m_{002}^{(11)}m_{300}^{(21)}m_{220}^{(22)}-m_{002}^{(11)}m_{300}^{(21)}m_{211}^{(21)}+2m_{002}^{(11)}m_{300}^{(21)}m_{121}^{(20)}+m_{002}^{(11)}m_{300}^{(22)}m_{220}^{(21)}\\
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&+m_{002}^{(11)}m_{210}^{(10)}m_{112}^{(20)}-m_{002}^{(11)}m_{210}^{(11)}m_{301}^{(22)}+m_{002}^{(11)}m_{210}^{(11)}m_{202}^{(20)}-2m_{002}^{(11)}m_{210}^{(20)}m_{220}^{(22)}\\
&+3m_{002}^{(11)}m_{210}^{(20)}m_{211}^{(21)}-m_{002}^{(11)}m_{210}^{(20)}m_{121}^{(20)}+2m_{002}^{(11)}m_{210}^{(21)}m_{310}^{(22)}+m_{002}^{(11)}m_{210}^{(21)}m_{301}^{(21)}\\
&-3m_{002}^{(11)}m_{210}^{(21)}m_{211}^{(20)}-2m_{002}^{(11)}m_{210}^{(22)}m_{310}^{(21)}+2m_{002}^{(11)}m_{210}^{(22)}m_{220}^{(20)}-m_{002}^{(11)}m_{201}^{(00)}m_{130}^{(22)}\\
&+m_{002}^{(11)}m_{201}^{(00)}m_{121}^{(21)}+2m_{002}^{(11)}m_{201}^{(10)}m_{220}^{(22)}-m_{002}^{(11)}m_{201}^{(10)}m_{211}^{(21)}-m_{002}^{(11)}m_{201}^{(10)}m_{112}^{(10)}\\
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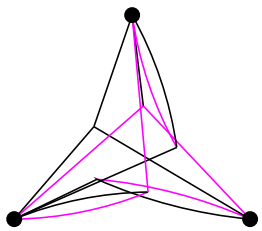
&+m_{002}^{(11)}m_{201}^{(21)}m_{310}^{(21)}+m_{002}^{(11)}m_{201}^{(21)}m_{211}^{(10)}-2m_{002}^{(11)}m_{201}^{(21)}m_{121}^{(00)}-m_{002}^{(11)}m_{201}^{(22)}m_{220}^{(10)}\\
&+m_{002}^{(11)}m_{201}^{(22)}m_{130}^{(00)}-m_{002}^{(11)}m_{120}^{(00)}m_{211}^{(22)}+m_{002}^{(11)}m_{120}^{(00)}m_{202}^{(21)}+m_{002}^{(11)}m_{120}^{(10)}m_{301}^{(22)}\\
&-m_{002}^{(11)}m_{120}^{(10)}m_{202}^{(20)}+m_{002}^{(11)}m_{120}^{(20)}m_{310}^{(22)}-2m_{002}^{(11)}m_{120}^{(20)}m_{301}^{(21)}+m_{002}^{(11)}m_{120}^{(20)}m_{211}^{(20)}\\
&-m_{002}^{(11)}m_{120}^{(21)}m_{400}^{(22)}+m_{002}^{(11)}m_{120}^{(21)}m_{301}^{(20)}+m_{002}^{(11)}m_{120}^{(22)}m_{400}^{(21)}-m_{002}^{(11)}m_{120}^{(22)}m_{310}^{(20)}\\
&+m_{002}^{(11)}m_{111}^{(00)}m_{220}^{(22)}-m_{002}^{(11)}m_{111}^{(00)}m_{211}^{(21)}-m_{002}^{(11)}m_{111}^{(00)}m_{121}^{(20)}+m_{002}^{(11)}m_{111}^{(00)}m_{112}^{(10)}\\
&-2m_{002}^{(11)}m_{111}^{(10)}m_{310}^{(22)}+m_{002}^{(11)}m_{111}^{(10)}m_{301}^{(21)}+m_{002}^{(11)}m_{111}^{(10)}m_{211}^{(20)}+m_{002}^{(11)}m_{111}^{(10)}m_{202}^{(10)}\\
&-m_{002}^{(11)}m_{111}^{(10)}m_{112}^{(00)}+m_{002}^{(11)}m_{111}^{(11)}m_{400}^{(22)}-m_{002}^{(11)}m_{111}^{(11)}m_{202}^{(00)}+m_{002}^{(11)}m_{111}^{(20)}m_{310}^{(21)}\\
&+m_{002}^{(11)}m_{111}^{(20)}m_{220}^{(20)}-3m_{002}^{(11)}m_{111}^{(20)}m_{211}^{(10)}+m_{002}^{(11)}m_{111}^{(20)}m_{121}^{(00)}-m_{002}^{(11)}m_{111}^{(21)}m_{400}^{(21)}
\end{aligned}
$$

$$
\begin{aligned}
&-m_{002}^{(11)}m_{111}^{(21)}m_{310}^{(20)} - m_{002}^{(11)}m_{111}^{(21)}m_{301}^{(10)} + 3m_{002}^{(11)}m_{111}^{(21)}m_{211}^{(00)} + 2m_{002}^{(11)}m_{111}^{(22)}m_{310}^{(10)}\\
&-2m_{002}^{(11)}m_{111}^{(22)}m_{220}^{(00)} + m_{002}^{(11)}m_{102}^{(00)}m_{130}^{(20)} - m_{002}^{(11)}m_{102}^{(00)}m_{121}^{(10)} - 2m_{002}^{(11)}m_{102}^{(10)}m_{220}^{(20)}\\
&+m_{002}^{(11)}m_{102}^{(10)}m_{211}^{(10)} + m_{002}^{(11)}m_{102}^{(10)}m_{121}^{(00)} + m_{002}^{(11)}m_{102}^{(11)}m_{310}^{(20)} - m_{002}^{(11)}m_{102}^{(11)}m_{211}^{(00)}\\
&+m_{002}^{(11)}m_{102}^{(20)}m_{220}^{(10)} - m_{002}^{(11)}m_{102}^{(20)}m_{130}^{(00)} - m_{002}^{(11)}m_{102}^{(21)}m_{310}^{(10)} + m_{002}^{(11)}m_{102}^{(21)}m_{220}^{(00)}\\
&+m_{002}^{(11)}m_{021}^{(00)}m_{211}^{(20)} - m_{002}^{(11)}m_{021}^{(00)}m_{202}^{(10)} - m_{002}^{(11)}m_{021}^{(10)}m_{301}^{(20)} + m_{002}^{(11)}m_{021}^{(10)}m_{202}^{(00)}\\
&-m_{002}^{(11)}m_{021}^{(20)}m_{310}^{(20)} + 2m_{002}^{(11)}m_{021}^{(20)}m_{301}^{(10)} - m_{002}^{(11)}m_{021}^{(20)}m_{211}^{(00)} + m_{002}^{(11)}m_{021}^{(21)}m_{400}^{(20)}\\
&-m_{002}^{(11)}m_{021}^{(21)}m_{301}^{(00)} - m_{002}^{(11)}m_{021}^{(22)}m_{400}^{(10)} + m_{002}^{(11)}m_{021}^{(22)}m_{310}^{(00)} - m_{002}^{(11)}m_{012}^{(00)}m_{220}^{(20)}\\
&+m_{002}^{(11)}m_{012}^{(00)}m_{211}^{(10)} + 2m_{002}^{(11)}m_{012}^{(10)}m_{310}^{(20)} - m_{002}^{(11)}m_{012}^{(10)}m_{301}^{(10)} - m_{002}^{(11)}m_{012}^{(10)}m_{211}^{(00)}\\
&-m_{002}^{(11)}m_{012}^{(11)}m_{400}^{(20)} + m_{002}^{(11)}m_{012}^{(11)}m_{301}^{(00)} - m_{002}^{(11)}m_{012}^{(20)}m_{310}^{(10)} + m_{002}^{(11)}m_{012}^{(20)}m_{220}^{(00)}\\
&+m_{002}^{(11)}m_{012}^{(21)}m_{400}^{(10)} - m_{002}^{(11)}m_{012}^{(21)}m_{310}^{(00)} - m_{002}^{(20)}m_{300}^{(10)}m_{031}^{(21)} + m_{002}^{(20)}m_{300}^{(10)}m_{022}^{(11)}\\
&+m_{002}^{(20)}m_{300}^{(11)}m_{121}^{(21)} - m_{002}^{(20)}m_{300}^{(11)}m_{022}^{(10)} + m_{002}^{(20)}m_{300}^{(20)}m_{040}^{(21)} - m_{002}^{(20)}m_{300}^{(20)}m_{031}^{(11)}\\
&-m_{002}^{(20)}m_{300}^{(21)}m_{130}^{(21)} - m_{002}^{(20)}m_{300}^{(21)}m_{121}^{(11)} + 2m_{002}^{(20)}m_{300}^{(21)}m_{031}^{(10)} + m_{002}^{(20)}m_{300}^{(22)}m_{130}^{(11)}\\
&-m_{002}^{(20)}m_{300}^{(22)}m_{040}^{(10)} + m_{002}^{(20)}m_{210}^{(00)}m_{031}^{(21)} - m_{002}^{(20)}m_{210}^{(00)}m_{022}^{(11)} - m_{002}^{(20)}m_{210}^{(10)}m_{112}^{(11)}\\
&+m_{002}^{(20)}m_{210}^{(10)}m_{031}^{(20)} - m_{002}^{(20)}m_{210}^{(11)}m_{211}^{(21)} - m_{002}^{(20)}m_{210}^{(11)}m_{121}^{(20)} + m_{002}^{(20)}m_{210}^{(11)}m_{112}^{(10)}\\
&+m_{002}^{(20)}m_{210}^{(11)}m_{022}^{(00)} - 2m_{002}^{(20)}m_{210}^{(20)}m_{130}^{(21)} + 3m_{002}^{(20)}m_{210}^{(20)}m_{121}^{(11)} - m_{002}^{(20)}m_{210}^{(20)}m_{040}^{(20)}\\
&+2m_{002}^{(20)}m_{210}^{(21)}m_{220}^{(21)} + m_{002}^{(20)}m_{210}^{(21)}m_{211}^{(11)} + m_{002}^{(20)}m_{210}^{(21)}m_{130}^{(20)} - 2m_{002}^{(20)}m_{210}^{(21)}m_{121}^{(10)}\\
&-2m_{002}^{(20)}m_{210}^{(21)}m_{031}^{(00)} - 2m_{002}^{(20)}m_{210}^{(22)}m_{220}^{(11)} + m_{002}^{(20)}m_{210}^{(22)}m_{130}^{(10)} + m_{002}^{(20)}m_{210}^{(22)}m_{040}^{(00)}\\
&-m_{002}^{(20)}m_{201}^{(00)}m_{040}^{(21)} + m_{002}^{(20)}m_{201}^{(00)}m_{031}^{(11)} + 2m_{002}^{(20)}m_{201}^{(10)}m_{130}^{(21)} - m_{002}^{(20)}m_{201}^{(10)}m_{121}^{(11)}\\
&-m_{002}^{(20)}m_{201}^{(10)}m_{031}^{(10)} - m_{002}^{(20)}m_{201}^{(11)}m_{220}^{(21)} + m_{002}^{(20)}m_{201}^{(11)}m_{121}^{(10)} - m_{002}^{(20)}m_{201}^{(20)}m_{130}^{(11)}\\
&+m_{002}^{(20)}m_{201}^{(20)}m_{040}^{(10)} + m_{002}^{(20)}m_{201}^{(21)}m_{220}^{(11)} - m_{002}^{(20)}m_{201}^{(21)}m_{130}^{(10)} - m_{002}^{(20)}m_{120}^{(00)}m_{121}^{(21)}\\
&+m_{002}^{(20)}m_{120}^{(00)}m_{112}^{(11)} - m_{002}^{(20)}m_{120}^{(00)}m_{031}^{(20)} + m_{002}^{(20)}m_{120}^{(00)}m_{022}^{(10)} + m_{002}^{(20)}m_{120}^{(10)}m_{211}^{(21)}\\
&-m_{002}^{(20)}m_{120}^{(10)}m_{022}^{(00)} + m_{002}^{(20)}m_{120}^{(11)}m_{211}^{(20)} - m_{002}^{(20)}m_{120}^{(11)}m_{112}^{(00)} + m_{002}^{(20)}m_{120}^{(20)}m_{220}^{(21)}\\
&-2m_{002}^{(20)}m_{120}^{(20)}m_{211}^{(11)} + 2m_{002}^{(20)}m_{120}^{(20)}m_{130}^{(20)} - 2m_{002}^{(20)}m_{120}^{(20)}m_{121}^{(10)} + m_{002}^{(20)}m_{120}^{(20)}m_{031}^{(00)}\\
&-m_{002}^{(20)}m_{120}^{(21)}m_{310}^{(21)} - 2m_{002}^{(20)}m_{120}^{(21)}m_{220}^{(20)} + 3m_{002}^{(20)}m_{120}^{(21)}m_{121}^{(00)} + m_{002}^{(20)}m_{120}^{(22)}m_{310}^{(11)}\\
&+m_{002}^{(20)}m_{120}^{(22)}m_{220}^{(10)} - 2m_{002}^{(20)}m_{120}^{(22)}m_{130}^{(00)} + m_{002}^{(20)}m_{111}^{(00)}m_{130}^{(21)} - m_{002}^{(20)}m_{111}^{(00)}m_{121}^{(11)}\\
&+m_{002}^{(20)}m_{111}^{(00)}m_{040}^{(20)} - m_{002}^{(20)}m_{111}^{(00)}m_{031}^{(10)} - 2m_{002}^{(20)}m_{111}^{(10)}m_{220}^{(21)} + m_{002}^{(20)}m_{111}^{(10)}m_{211}^{(11)}\\
&-2m_{002}^{(20)}m_{111}^{(10)}m_{130}^{(20)} + 2m_{002}^{(20)}m_{111}^{(10)}m_{121}^{(10)} + m_{002}^{(20)}m_{111}^{(10)}m_{031}^{(00)} + m_{002}^{(20)}m_{111}^{(11)}m_{310}^{(21)}\\
&+m_{002}^{(20)}m_{111}^{(11)}m_{220}^{(20)} - m_{002}^{(20)}m_{111}^{(11)}m_{211}^{(10)} - m_{002}^{(20)}m_{111}^{(11)}m_{121}^{(00)} + m_{002}^{(20)}m_{111}^{(20)}m_{220}^{(11)}\\
&-m_{002}^{(20)}m_{111}^{(20)}m_{040}^{(00)} - m_{002}^{(20)}m_{111}^{(21)}m_{310}^{(11)} + m_{002}^{(20)}m_{111}^{(21)}m_{130}^{(00)} + m_{002}^{(20)}m_{030}^{(00)}m_{121}^{(20)}\\
&-m_{002}^{(20)}m_{030}^{(00)}m_{112}^{(10)} - m_{002}^{(20)}m_{030}^{(10)}m_{211}^{(20)} + m_{002}^{(20)}m_{030}^{(10)}m_{112}^{(00)} - m_{002}^{(20)}m_{030}^{(20)}m_{220}^{(20)}\\
&+2m_{002}^{(20)}m_{030}^{(20)}m_{211}^{(10)} - m_{002}^{(20)}m_{030}^{(20)}m_{121}^{(00)} + m_{002}^{(20)}m_{030}^{(21)}m_{310}^{(20)} - m_{002}^{(20)}m_{030}^{(21)}m_{211}^{(00)}\\
&-m_{002}^{(20)}m_{030}^{(22)}m_{310}^{(10)} + m_{002}^{(20)}m_{030}^{(22)}m_{220}^{(00)} - m_{002}^{(20)}m_{021}^{(00)}m_{130}^{(20)} + m_{002}^{(20)}m_{021}^{(00)}m_{121}^{(10)}\\
&+2m_{002}^{(20)}m_{021}^{(10)}m_{220}^{(20)} - m_{002}^{(20)}m_{021}^{(10)}m_{211}^{(10)} - m_{002}^{(20)}m_{021}^{(10)}m_{121}^{(00)} - m_{002}^{(20)}m_{021}^{(11)}m_{310}^{(20)}\\
&+m_{002}^{(20)}m_{021}^{(11)}m_{211}^{(00)} - m_{002}^{(20)}m_{021}^{(20)}m_{220}^{(10)} + m_{002}^{(20)}m_{021}^{(20)}m_{130}^{(00)} + m_{002}^{(20)}m_{021}^{(21)}m_{310}^{(10)}\\
&-m_{002}^{(20)}m_{021}^{(21)}m_{220}^{(00)} + m_{002}^{(21)}m_{300}^{(10)}m_{121}^{(21)} - m_{002}^{(21)}m_{300}^{(10)}m_{112}^{(11)} - m_{002}^{(21)}m_{300}^{(11)}m_{211}^{(21)}\\
&+m_{002}^{(21)}m_{300}^{(11)}m_{112}^{(10)} - m_{002}^{(21)}m_{300}^{(20)}m_{130}^{(21)} + m_{002}^{(21)}m_{300}^{(20)}m_{121}^{(11)} + m_{002}^{(21)}m_{300}^{(21)}m_{220}^{(21)}\\
&+m_{002}^{(21)}m_{300}^{(21)}m_{211}^{(11)} - 2m_{002}^{(21)}m_{300}^{(21)}m_{121}^{(10)} - m_{002}^{(21)}m_{300}^{(22)}m_{211}^{(11)} + m_{002}^{(21)}m_{300}^{(22)}m_{130}^{(10)}\\
&-m_{002}^{(21)}m_{210}^{(00)}m_{121}^{(21)} + m_{002}^{(21)}m_{210}^{(00)}m_{112}^{(11)} + m_{002}^{(21)}m_{210}^{(10)}m_{202}^{(11)} - m_{002}^{(21)}m_{210}^{(10)}m_{121}^{(20)}
\end{aligned}
$$

$$
\begin{aligned}
&+m_{002}^{(21)}m_{210}^{(11)}m_{301}^{(21)}+m_{002}^{(21)}m_{210}^{(11)}m_{211}^{(20)}-m_{002}^{(21)}m_{210}^{(11)}m_{202}^{(10)}-m_{002}^{(21)}m_{210}^{(11)}m_{112}^{(00)}\\
&+2m_{002}^{(21)}m_{210}^{(20)}m_{220}^{(21)}-3m_{002}^{(21)}m_{210}^{(20)}m_{211}^{(11)}+m_{002}^{(21)}m_{210}^{(20)}m_{130}^{(20)}-2m_{002}^{(21)}m_{210}^{(21)}m_{310}^{(21)}\\
&-m_{002}^{(21)}m_{210}^{(21)}m_{301}^{(11)}-m_{002}^{(21)}m_{210}^{(21)}m_{220}^{(20)}+2m_{002}^{(21)}m_{210}^{(21)}m_{211}^{(10)}+2m_{002}^{(21)}m_{210}^{(21)}m_{121}^{(00)}\\
&+2m_{002}^{(21)}m_{210}^{(22)}m_{310}^{(11)}-m_{002}^{(21)}m_{210}^{(22)}m_{220}^{(10)}-m_{002}^{(21)}m_{210}^{(22)}m_{130}^{(00)}+m_{002}^{(21)}m_{201}^{(00)}m_{130}^{(21)}\\
&-m_{002}^{(21)}m_{201}^{(00)}m_{121}^{(11)}-2m_{002}^{(21)}m_{201}^{(10)}m_{220}^{(21)}+m_{002}^{(21)}m_{201}^{(10)}m_{211}^{(11)}+m_{002}^{(21)}m_{201}^{(10)}m_{121}^{(10)}\\
&+m_{002}^{(21)}m_{201}^{(11)}m_{310}^{(21)}-m_{002}^{(21)}m_{201}^{(11)}m_{211}^{(10)}+m_{002}^{(21)}m_{201}^{(20)}m_{220}^{(11)}-m_{002}^{(21)}m_{201}^{(20)}m_{130}^{(10)}\\
&-m_{002}^{(21)}m_{201}^{(21)}m_{310}^{(11)}+m_{002}^{(21)}m_{201}^{(21)}m_{220}^{(10)}+m_{002}^{(21)}m_{120}^{(00)}m_{211}^{(21)}-m_{002}^{(21)}m_{120}^{(00)}m_{202}^{(11)}\\
&+m_{002}^{(21)}m_{120}^{(00)}m_{121}^{(20)}-m_{002}^{(21)}m_{120}^{(00)}m_{112}^{(10)}-m_{002}^{(21)}m_{120}^{(10)}m_{301}^{(21)}+m_{002}^{(21)}m_{120}^{(10)}m_{112}^{(00)}\\
&-m_{002}^{(21)}m_{120}^{(11)}m_{301}^{(20)}+m_{002}^{(21)}m_{120}^{(11)}m_{202}^{(00)}-m_{002}^{(21)}m_{120}^{(20)}m_{310}^{(21)}+2m_{002}^{(21)}m_{120}^{(20)}m_{301}^{(11)}\\
&-2m_{002}^{(21)}m_{120}^{(20)}m_{220}^{(20)}+2m_{002}^{(21)}m_{120}^{(20)}m_{211}^{(10)}-m_{002}^{(21)}m_{120}^{(20)}m_{121}^{(00)}+m_{002}^{(21)}m_{120}^{(21)}m_{400}^{(21)}\\
&+2m_{002}^{(21)}m_{120}^{(21)}m_{310}^{(20)}-3m_{002}^{(21)}m_{120}^{(21)}m_{211}^{(00)}-m_{002}^{(21)}m_{120}^{(22)}m_{400}^{(11)}-m_{002}^{(21)}m_{120}^{(22)}m_{310}^{(10)}\\
&+2m_{002}^{(21)}m_{120}^{(22)}m_{220}^{(00)}-m_{002}^{(21)}m_{111}^{(00)}m_{220}^{(21)}+m_{002}^{(21)}m_{111}^{(00)}m_{211}^{(11)}-m_{002}^{(21)}m_{111}^{(00)}m_{130}^{(20)}\\
&+m_{002}^{(21)}m_{111}^{(00)}m_{121}^{(10)}+2m_{002}^{(21)}m_{111}^{(10)}m_{310}^{(21)}-m_{002}^{(21)}m_{111}^{(10)}m_{301}^{(11)}+2m_{002}^{(21)}m_{111}^{(10)}m_{220}^{(20)}\\
&-2m_{002}^{(21)}m_{111}^{(10)}m_{211}^{(10)}-m_{002}^{(21)}m_{111}^{(10)}m_{121}^{(00)}-m_{002}^{(21)}m_{111}^{(11)}m_{400}^{(21)}-m_{002}^{(21)}m_{111}^{(11)}m_{310}^{(20)}\\
&+m_{002}^{(21)}m_{111}^{(11)}m_{301}^{(10)}+m_{002}^{(21)}m_{111}^{(11)}m_{211}^{(00)}-m_{002}^{(21)}m_{111}^{(20)}m_{310}^{(11)}+m_{002}^{(21)}m_{111}^{(20)}m_{130}^{(00)}\\
&+m_{002}^{(21)}m_{111}^{(21)}m_{400}^{(11)}-m_{002}^{(21)}m_{111}^{(21)}m_{220}^{(00)}-m_{002}^{(21)}m_{030}^{(00)}m_{211}^{(20)}+m_{002}^{(21)}m_{030}^{(00)}m_{202}^{(10)}\\
&+m_{002}^{(21)}m_{030}^{(10)}m_{301}^{(20)}-m_{002}^{(21)}m_{030}^{(10)}m_{202}^{(00)}+m_{002}^{(21)}m_{030}^{(20)}m_{310}^{(20)}-2m_{002}^{(21)}m_{030}^{(20)}m_{301}^{(10)}\\
&+m_{002}^{(21)}m_{030}^{(20)}m_{211}^{(00)}-m_{002}^{(21)}m_{030}^{(21)}m_{400}^{(20)}+m_{002}^{(21)}m_{030}^{(21)}m_{301}^{(00)}+m_{002}^{(21)}m_{030}^{(22)}m_{400}^{(10)}\\
&-m_{002}^{(21)}m_{030}^{(22)}m_{310}^{(00)}+m_{002}^{(21)}m_{021}^{(00)}m_{220}^{(20)}-m_{002}^{(21)}m_{021}^{(00)}m_{211}^{(10)}-2m_{002}^{(21)}m_{021}^{(10)}m_{310}^{(20)}\\
&+m_{002}^{(21)}m_{021}^{(10)}m_{301}^{(10)}+m_{002}^{(21)}m_{021}^{(10)}m_{211}^{(00)}+m_{002}^{(21)}m_{021}^{(11)}m_{400}^{(20)}-m_{002}^{(21)}m_{021}^{(11)}m_{301}^{(00)}\\
&+m_{002}^{(21)}m_{021}^{(20)}m_{310}^{(10)}-m_{002}^{(21)}m_{021}^{(20)}m_{220}^{(00)}-m_{002}^{(21)}m_{021}^{(21)}m_{400}^{(10)}+m_{002}^{(21)}m_{021}^{(21)}m_{310}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{ccccc}
V1 & 1 & V1 & 1 & 1\\
1 & V2 & 2 & 2 & V3\\
V2 & 2 & V3 & 3 & 3
\end{array}
$$



$$
\begin{aligned}
T_{145} \;=\;& -m_{200}^{(10)}m_{120}^{(20)}m_{022}^{(22)}+2m_{200}^{(10)}m_{120}^{(20)}m_{013}^{(21)}-m_{200}^{(10)}m_{120}^{(20)}m_{004}^{(11)}+m_{200}^{(10)}m_{120}^{(21)}m_{112}^{(22)}\\
&-m_{200}^{(10)}m_{120}^{(21)}m_{103}^{(21)}-m_{200}^{(10)}m_{120}^{(21)}m_{013}^{(20)}+m_{200}^{(10)}m_{120}^{(21)}m_{004}^{(10)}-m_{200}^{(10)}m_{120}^{(22)}m_{112}^{(21)}
\end{aligned}
$$

$$+m_{200}^{(10)}m_{120}^{(22)}m_{103}^{(11)}+m_{200}^{(10)}m_{120}^{(22)}m_{022}^{(20)}-m_{200}^{(10)}m_{120}^{(22)}m_{013}^{(10)}+2m_{200}^{(10)}m_{111}^{(20)}m_{031}^{(22)}$$
$$-4m_{200}^{(10)}m_{111}^{(20)}m_{022}^{(21)}+2m_{200}^{(10)}m_{111}^{(20)}m_{013}^{(11)}-2m_{200}^{(10)}m_{111}^{(21)}m_{121}^{(22)}+2m_{200}^{(10)}m_{111}^{(21)}m_{112}^{(21)}$$
$$+2m_{200}^{(10)}m_{111}^{(21)}m_{022}^{(20)}-2m_{200}^{(10)}m_{111}^{(21)}m_{013}^{(10)}+2m_{200}^{(10)}m_{111}^{(22)}m_{121}^{(21)}-2m_{200}^{(10)}m_{111}^{(22)}m_{112}^{(11)}$$
$$-2m_{200}^{(10)}m_{111}^{(22)}m_{031}^{(20)}+2m_{200}^{(10)}m_{111}^{(22)}m_{022}^{(10)}-m_{200}^{(10)}m_{102}^{(20)}m_{040}^{(22)}+2m_{200}^{(10)}m_{102}^{(20)}m_{031}^{(21)}$$
$$-m_{200}^{(10)}m_{102}^{(20)}m_{022}^{(11)}+m_{200}^{(10)}m_{102}^{(21)}m_{130}^{(22)}-m_{200}^{(10)}m_{102}^{(21)}m_{121}^{(21)}-m_{200}^{(10)}m_{102}^{(21)}m_{031}^{(20)}$$
$$+m_{200}^{(10)}m_{102}^{(21)}m_{022}^{(10)}-m_{200}^{(10)}m_{102}^{(22)}m_{130}^{(21)}+m_{200}^{(10)}m_{102}^{(22)}m_{121}^{(11)}+m_{200}^{(10)}m_{102}^{(22)}m_{040}^{(20)}$$
$$-m_{200}^{(10)}m_{102}^{(22)}m_{031}^{(10)}+m_{200}^{(10)}m_{030}^{(20)}m_{112}^{(22)}-m_{200}^{(10)}m_{030}^{(20)}m_{103}^{(21)}-m_{200}^{(10)}m_{030}^{(20)}m_{013}^{(20)}$$
$$+m_{200}^{(10)}m_{030}^{(20)}m_{004}^{(10)}-m_{200}^{(10)}m_{030}^{(21)}m_{202}^{(22)}+2m_{200}^{(10)}m_{030}^{(21)}m_{103}^{(20)}-m_{200}^{(10)}m_{030}^{(21)}m_{004}^{(00)}$$
$$+m_{200}^{(10)}m_{030}^{(22)}m_{202}^{(21)}-m_{200}^{(10)}m_{030}^{(22)}m_{112}^{(20)}-m_{200}^{(10)}m_{030}^{(22)}m_{103}^{(10)}+m_{200}^{(10)}m_{030}^{(22)}m_{013}^{(00)}$$
$$-2m_{200}^{(10)}m_{021}^{(20)}m_{121}^{(22)}+m_{200}^{(10)}m_{021}^{(20)}m_{112}^{(21)}+m_{200}^{(10)}m_{021}^{(20)}m_{103}^{(11)}+3m_{200}^{(10)}m_{021}^{(20)}m_{022}^{(20)}$$
$$-3m_{200}^{(10)}m_{021}^{(20)}m_{013}^{(10)}+2m_{200}^{(10)}m_{021}^{(21)}m_{211}^{(22)}+m_{200}^{(10)}m_{021}^{(21)}m_{202}^{(21)}-5m_{200}^{(10)}m_{021}^{(21)}m_{112}^{(20)}$$
$$-m_{200}^{(10)}m_{021}^{(21)}m_{103}^{(10)}+3m_{200}^{(10)}m_{021}^{(21)}m_{013}^{(00)}-2m_{200}^{(10)}m_{021}^{(22)}m_{211}^{(21)}-m_{200}^{(10)}m_{021}^{(22)}m_{202}^{(11)}$$
$$+2m_{200}^{(10)}m_{021}^{(22)}m_{121}^{(20)}+4m_{200}^{(10)}m_{021}^{(22)}m_{112}^{(10)}-3m_{200}^{(10)}m_{021}^{(22)}m_{022}^{(00)}+m_{200}^{(10)}m_{012}^{(20)}m_{130}^{(22)}$$
$$+m_{200}^{(10)}m_{012}^{(20)}m_{121}^{(21)}-2m_{200}^{(10)}m_{012}^{(20)}m_{112}^{(11)}-3m_{200}^{(10)}m_{012}^{(20)}m_{031}^{(20)}+3m_{200}^{(10)}m_{012}^{(20)}m_{022}^{(10)}$$
$$-m_{200}^{(10)}m_{012}^{(21)}m_{220}^{(22)}-2m_{200}^{(10)}m_{012}^{(21)}m_{211}^{(21)}+4m_{200}^{(10)}m_{012}^{(21)}m_{121}^{(20)}+2m_{200}^{(10)}m_{012}^{(21)}m_{112}^{(10)}$$
$$-3m_{200}^{(10)}m_{012}^{(21)}m_{022}^{(00)}+m_{200}^{(10)}m_{012}^{(22)}m_{220}^{(21)}+2m_{200}^{(10)}m_{012}^{(22)}m_{211}^{(11)}-m_{200}^{(10)}m_{012}^{(22)}m_{130}^{(20)}$$
$$-5m_{200}^{(10)}m_{012}^{(22)}m_{121}^{(10)}+3m_{200}^{(10)}m_{012}^{(22)}m_{031}^{(00)}-m_{200}^{(10)}m_{003}^{(20)}m_{130}^{(21)}+m_{200}^{(10)}m_{003}^{(20)}m_{121}^{(11)}$$
$$+m_{200}^{(10)}m_{003}^{(20)}m_{040}^{(20)}-m_{200}^{(10)}m_{003}^{(20)}m_{031}^{(10)}+m_{200}^{(10)}m_{003}^{(21)}m_{220}^{(21)}-m_{200}^{(10)}m_{003}^{(21)}m_{130}^{(20)}$$
$$-m_{200}^{(10)}m_{003}^{(21)}m_{121}^{(10)}+m_{200}^{(10)}m_{003}^{(21)}m_{031}^{(00)}-m_{200}^{(10)}m_{003}^{(22)}m_{220}^{(11)}+2m_{200}^{(10)}m_{003}^{(22)}m_{130}^{(10)}$$
$$-m_{200}^{(10)}m_{003}^{(22)}m_{040}^{(00)}+m_{200}^{(11)}m_{210}^{(20)}m_{022}^{(22)}-2m_{200}^{(11)}m_{210}^{(20)}m_{013}^{(21)}+m_{200}^{(11)}m_{210}^{(20)}m_{004}^{(11)}$$
$$-m_{200}^{(11)}m_{210}^{(21)}m_{112}^{(22)}+m_{200}^{(11)}m_{210}^{(21)}m_{103}^{(21)}+m_{200}^{(11)}m_{210}^{(21)}m_{013}^{(20)}-m_{200}^{(11)}m_{210}^{(21)}m_{004}^{(10)}$$
$$+m_{200}^{(11)}m_{210}^{(22)}m_{112}^{(21)}-m_{200}^{(11)}m_{210}^{(22)}m_{103}^{(11)}-m_{200}^{(11)}m_{210}^{(22)}m_{022}^{(20)}+m_{200}^{(11)}m_{210}^{(22)}m_{013}^{(10)}$$
$$-m_{200}^{(11)}m_{201}^{(20)}m_{031}^{(22)}+2m_{200}^{(11)}m_{201}^{(20)}m_{022}^{(21)}-m_{200}^{(11)}m_{201}^{(20)}m_{013}^{(11)}+m_{200}^{(11)}m_{201}^{(21)}m_{121}^{(22)}$$
$$-m_{200}^{(11)}m_{201}^{(21)}m_{112}^{(21)}-m_{200}^{(11)}m_{201}^{(21)}m_{022}^{(20)}+m_{200}^{(11)}m_{201}^{(21)}m_{013}^{(10)}-m_{200}^{(11)}m_{201}^{(22)}m_{121}^{(21)}$$
$$+m_{200}^{(11)}m_{201}^{(22)}m_{112}^{(11)}+m_{200}^{(11)}m_{201}^{(22)}m_{031}^{(20)}-m_{200}^{(11)}m_{201}^{(22)}m_{022}^{(10)}-m_{200}^{(11)}m_{120}^{(20)}m_{112}^{(22)}$$
$$+m_{200}^{(11)}m_{120}^{(20)}m_{103}^{(21)}+m_{200}^{(11)}m_{120}^{(20)}m_{013}^{(20)}-m_{200}^{(11)}m_{120}^{(20)}m_{004}^{(10)}+m_{200}^{(11)}m_{120}^{(21)}m_{202}^{(22)}$$
$$-2m_{200}^{(11)}m_{120}^{(21)}m_{103}^{(20)}+m_{200}^{(11)}m_{120}^{(21)}m_{004}^{(00)}-m_{200}^{(11)}m_{120}^{(22)}m_{202}^{(21)}+m_{200}^{(11)}m_{120}^{(22)}m_{112}^{(20)}$$
$$+m_{200}^{(11)}m_{120}^{(22)}m_{103}^{(10)}-m_{200}^{(11)}m_{120}^{(22)}m_{013}^{(00)}+2m_{200}^{(11)}m_{111}^{(20)}m_{112}^{(21)}-2m_{200}^{(11)}m_{111}^{(20)}m_{103}^{(11)}$$
$$-2m_{200}^{(11)}m_{111}^{(20)}m_{022}^{(20)}+2m_{200}^{(11)}m_{111}^{(20)}m_{013}^{(10)}-2m_{200}^{(11)}m_{111}^{(21)}m_{202}^{(21)}+2m_{200}^{(11)}m_{111}^{(21)}m_{112}^{(20)}$$
$$+2m_{200}^{(11)}m_{111}^{(21)}m_{103}^{(10)}-2m_{200}^{(11)}m_{111}^{(21)}m_{013}^{(00)}+2m_{200}^{(11)}m_{111}^{(22)}m_{202}^{(11)}-4m_{200}^{(11)}m_{111}^{(22)}m_{112}^{(10)}$$
$$+2m_{200}^{(11)}m_{111}^{(22)}m_{022}^{(00)}+m_{200}^{(11)}m_{102}^{(20)}m_{130}^{(22)}-3m_{200}^{(11)}m_{102}^{(20)}m_{121}^{(21)}+2m_{200}^{(11)}m_{102}^{(20)}m_{112}^{(11)}$$
$$+m_{200}^{(11)}m_{102}^{(20)}m_{031}^{(20)}-m_{200}^{(11)}m_{102}^{(20)}m_{022}^{(10)}-m_{200}^{(11)}m_{102}^{(21)}m_{220}^{(22)}+2m_{200}^{(11)}m_{102}^{(21)}m_{211}^{(21)}$$
$$-2m_{200}^{(11)}m_{102}^{(21)}m_{112}^{(10)}+m_{200}^{(11)}m_{102}^{(21)}m_{022}^{(00)}+m_{200}^{(11)}m_{102}^{(22)}m_{220}^{(21)}-2m_{200}^{(11)}m_{102}^{(22)}m_{211}^{(11)}$$
$$-m_{200}^{(11)}m_{102}^{(22)}m_{130}^{(20)}+3m_{200}^{(11)}m_{102}^{(22)}m_{121}^{(10)}-m_{200}^{(11)}m_{102}^{(22)}m_{031}^{(00)}+m_{200}^{(11)}m_{021}^{(20)}m_{211}^{(22)}$$
$$-m_{200}^{(11)}m_{021}^{(20)}m_{202}^{(21)}-m_{200}^{(11)}m_{021}^{(20)}m_{112}^{(20)}+m_{200}^{(11)}m_{021}^{(20)}m_{103}^{(10)}-m_{200}^{(11)}m_{021}^{(21)}m_{301}^{(22)}$$
$$+2m_{200}^{(11)}m_{021}^{(21)}m_{202}^{(20)}-m_{200}^{(11)}m_{021}^{(21)}m_{103}^{(00)}+m_{200}^{(11)}m_{021}^{(22)}m_{301}^{(21)}-m_{200}^{(11)}m_{021}^{(22)}m_{211}^{(20)}$$
$$-m_{200}^{(11)}m_{021}^{(22)}m_{202}^{(10)}+m_{200}^{(11)}m_{021}^{(22)}m_{112}^{(00)}-m_{200}^{(11)}m_{012}^{(20)}m_{220}^{(22)}+m_{200}^{(11)}m_{012}^{(20)}m_{202}^{(11)}$$
$$+2m_{200}^{(11)}m_{012}^{(20)}m_{121}^{(20)}-2m_{200}^{(11)}m_{012}^{(20)}m_{112}^{(10)}+m_{200}^{(11)}m_{012}^{(21)}m_{310}^{(22)}+m_{200}^{(11)}m_{012}^{(21)}m_{301}^{(21)}$$

$$
\begin{aligned}
&-3m_{200}^{(11)}m_{012}^{(21)}m_{211}^{(20)} - m_{200}^{(11)}m_{012}^{(21)}m_{202}^{(10)} + 2m_{200}^{(11)}m_{012}^{(21)}m_{112}^{(00)} - m_{200}^{(11)}m_{012}^{(22)}m_{310}^{(21)}\\
&-m_{200}^{(11)}m_{012}^{(22)}m_{301}^{(11)} + m_{200}^{(11)}m_{012}^{(22)}m_{220}^{(20)} + 3m_{200}^{(11)}m_{012}^{(22)}m_{211}^{(10)} - 2m_{200}^{(11)}m_{012}^{(22)}m_{121}^{(00)}\\
&+m_{200}^{(11)}m_{003}^{(20)}m_{220}^{(21)} - m_{200}^{(11)}m_{003}^{(20)}m_{211}^{(11)} - m_{200}^{(11)}m_{003}^{(20)}m_{130}^{(20)} + m_{200}^{(11)}m_{003}^{(20)}m_{121}^{(10)}\\
&-m_{200}^{(11)}m_{003}^{(21)}m_{310}^{(21)} + m_{200}^{(11)}m_{003}^{(21)}m_{220}^{(20)} + m_{200}^{(11)}m_{003}^{(21)}m_{211}^{(10)} - m_{200}^{(11)}m_{003}^{(21)}m_{121}^{(00)}\\
&+m_{200}^{(11)}m_{003}^{(22)}m_{310}^{(11)} - 2m_{200}^{(11)}m_{003}^{(22)}m_{220}^{(10)} + m_{200}^{(11)}m_{003}^{(22)}m_{130}^{(00)} + m_{200}^{(20)}m_{120}^{(10)}m_{022}^{(22)}\\
&-2m_{200}^{(20)}m_{120}^{(10)}m_{013}^{(21)} + m_{200}^{(20)}m_{120}^{(10)}m_{004}^{(11)} - m_{200}^{(20)}m_{120}^{(11)}m_{112}^{(22)} + m_{200}^{(20)}m_{120}^{(11)}m_{103}^{(21)}\\
&+m_{200}^{(20)}m_{120}^{(11)}m_{013}^{(20)} - m_{200}^{(20)}m_{120}^{(11)}m_{004}^{(10)} + m_{200}^{(20)}m_{120}^{(21)}m_{112}^{(21)} - m_{200}^{(20)}m_{120}^{(21)}m_{103}^{(11)}\\
&-m_{200}^{(20)}m_{120}^{(21)}m_{022}^{(20)} + m_{200}^{(20)}m_{120}^{(21)}m_{013}^{(10)} - 2m_{200}^{(20)}m_{111}^{(10)}m_{031}^{(22)} + 4m_{200}^{(20)}m_{111}^{(10)}m_{022}^{(21)}\\
&-2m_{200}^{(20)}m_{111}^{(10)}m_{013}^{(11)} + 2m_{200}^{(20)}m_{111}^{(11)}m_{121}^{(22)} - 2m_{200}^{(20)}m_{111}^{(11)}m_{112}^{(21)} - 2m_{200}^{(20)}m_{111}^{(11)}m_{022}^{(20)}\\
&+2m_{200}^{(20)}m_{111}^{(11)}m_{013}^{(10)} - 2m_{200}^{(20)}m_{111}^{(21)}m_{121}^{(21)} + 2m_{200}^{(20)}m_{111}^{(21)}m_{112}^{(11)} + 2m_{200}^{(20)}m_{111}^{(21)}m_{031}^{(20)}\\
&-2m_{200}^{(20)}m_{111}^{(21)}m_{022}^{(10)} + m_{200}^{(20)}m_{102}^{(10)}m_{040}^{(22)} - 2m_{200}^{(20)}m_{102}^{(10)}m_{031}^{(21)} + m_{200}^{(20)}m_{102}^{(10)}m_{022}^{(11)}\\
&-m_{200}^{(20)}m_{102}^{(11)}m_{130}^{(22)} + m_{200}^{(20)}m_{102}^{(11)}m_{121}^{(21)} + m_{200}^{(20)}m_{102}^{(11)}m_{031}^{(20)} - m_{200}^{(20)}m_{102}^{(11)}m_{022}^{(10)}\\
&+m_{200}^{(20)}m_{102}^{(21)}m_{130}^{(21)} - m_{200}^{(20)}m_{102}^{(21)}m_{121}^{(11)} - m_{200}^{(20)}m_{102}^{(21)}m_{040}^{(20)} + m_{200}^{(20)}m_{102}^{(21)}m_{031}^{(10)}\\
&-m_{200}^{(20)}m_{030}^{(10)}m_{112}^{(22)} + m_{200}^{(20)}m_{030}^{(10)}m_{103}^{(21)} + m_{200}^{(20)}m_{030}^{(10)}m_{013}^{(20)} - m_{200}^{(20)}m_{030}^{(10)}m_{004}^{(10)}\\
&+m_{200}^{(20)}m_{030}^{(11)}m_{202}^{(22)} - 2m_{200}^{(20)}m_{030}^{(11)}m_{103}^{(20)} + m_{200}^{(20)}m_{030}^{(11)}m_{004}^{(00)} - m_{200}^{(20)}m_{030}^{(21)}m_{202}^{(21)}\\
&+m_{200}^{(20)}m_{030}^{(21)}m_{112}^{(20)} + m_{200}^{(20)}m_{030}^{(21)}m_{103}^{(10)} - m_{200}^{(20)}m_{030}^{(21)}m_{013}^{(00)} + 2m_{200}^{(20)}m_{021}^{(10)}m_{121}^{(22)}\\
&-m_{200}^{(20)}m_{021}^{(10)}m_{112}^{(21)} - m_{200}^{(20)}m_{021}^{(10)}m_{103}^{(11)} - 3m_{200}^{(20)}m_{021}^{(10)}m_{022}^{(20)} + 3m_{200}^{(20)}m_{021}^{(10)}m_{013}^{(10)}\\
&-2m_{200}^{(20)}m_{021}^{(11)}m_{211}^{(22)} - m_{200}^{(20)}m_{021}^{(11)}m_{202}^{(21)} + 5m_{200}^{(20)}m_{021}^{(11)}m_{112}^{(20)} + m_{200}^{(20)}m_{021}^{(11)}m_{103}^{(10)}\\
&-3m_{200}^{(20)}m_{021}^{(11)}m_{013}^{(00)} + 2m_{200}^{(20)}m_{021}^{(21)}m_{211}^{(21)} + m_{200}^{(20)}m_{021}^{(21)}m_{202}^{(11)} - 2m_{200}^{(20)}m_{021}^{(21)}m_{121}^{(20)}\\
&-4m_{200}^{(20)}m_{021}^{(21)}m_{112}^{(10)} + 3m_{200}^{(20)}m_{021}^{(21)}m_{022}^{(00)} - m_{200}^{(20)}m_{012}^{(10)}m_{130}^{(22)} - m_{200}^{(20)}m_{012}^{(10)}m_{121}^{(21)}\\
&+2m_{200}^{(20)}m_{012}^{(10)}m_{112}^{(11)} + 3m_{200}^{(20)}m_{012}^{(10)}m_{031}^{(20)} - 3m_{200}^{(20)}m_{012}^{(10)}m_{022}^{(10)} + m_{200}^{(20)}m_{012}^{(11)}m_{220}^{(22)}\\
&+2m_{200}^{(20)}m_{012}^{(11)}m_{211}^{(21)} - 4m_{200}^{(20)}m_{012}^{(11)}m_{121}^{(20)} - 2m_{200}^{(20)}m_{012}^{(11)}m_{112}^{(10)} + 3m_{200}^{(20)}m_{012}^{(11)}m_{022}^{(00)}\\
&-m_{200}^{(20)}m_{012}^{(21)}m_{220}^{(21)} - 2m_{200}^{(20)}m_{012}^{(21)}m_{211}^{(11)} + m_{200}^{(20)}m_{012}^{(21)}m_{130}^{(20)} + 5m_{200}^{(20)}m_{012}^{(21)}m_{121}^{(10)}\\
&-3m_{200}^{(20)}m_{012}^{(21)}m_{031}^{(00)} + m_{200}^{(20)}m_{003}^{(10)}m_{130}^{(21)} - m_{200}^{(20)}m_{003}^{(10)}m_{121}^{(11)} - m_{200}^{(20)}m_{003}^{(10)}m_{040}^{(20)}\\
&+m_{200}^{(20)}m_{003}^{(10)}m_{031}^{(10)} - m_{200}^{(20)}m_{003}^{(11)}m_{220}^{(21)} + m_{200}^{(20)}m_{003}^{(11)}m_{130}^{(20)} + m_{200}^{(20)}m_{003}^{(11)}m_{121}^{(10)}\\
&-m_{200}^{(20)}m_{003}^{(11)}m_{031}^{(00)} + m_{200}^{(20)}m_{003}^{(21)}m_{220}^{(11)} - 2m_{200}^{(20)}m_{003}^{(21)}m_{130}^{(10)} + m_{200}^{(20)}m_{003}^{(21)}m_{040}^{(00)}\\
&-m_{200}^{(21)}m_{210}^{(10)}m_{022}^{(22)} + 2m_{200}^{(21)}m_{210}^{(10)}m_{013}^{(21)} - m_{200}^{(21)}m_{210}^{(10)}m_{004}^{(11)} + m_{200}^{(21)}m_{210}^{(11)}m_{112}^{(22)}\\
&-m_{200}^{(21)}m_{210}^{(11)}m_{103}^{(21)} - m_{200}^{(21)}m_{210}^{(11)}m_{013}^{(20)} + m_{200}^{(21)}m_{210}^{(11)}m_{004}^{(10)} - m_{200}^{(21)}m_{210}^{(20)}m_{031}^{(22)}\\
&+2m_{200}^{(21)}m_{210}^{(20)}m_{022}^{(21)} - m_{200}^{(21)}m_{210}^{(20)}m_{013}^{(11)} + m_{200}^{(21)}m_{210}^{(21)}m_{121}^{(22)} - 2m_{200}^{(21)}m_{210}^{(21)}m_{112}^{(21)}\\
&+m_{200}^{(21)}m_{210}^{(21)}m_{103}^{(11)} - m_{200}^{(21)}m_{210}^{(22)}m_{121}^{(21)} + m_{200}^{(21)}m_{210}^{(22)}m_{112}^{(11)} + m_{200}^{(21)}m_{210}^{(22)}m_{031}^{(20)}\\
&-m_{200}^{(21)}m_{210}^{(22)}m_{022}^{(10)} + m_{200}^{(21)}m_{201}^{(10)}m_{031}^{(22)} - 2m_{200}^{(21)}m_{201}^{(10)}m_{022}^{(21)} + m_{200}^{(21)}m_{201}^{(10)}m_{013}^{(11)}\\
&-m_{200}^{(21)}m_{201}^{(11)}m_{121}^{(22)} + m_{200}^{(21)}m_{201}^{(11)}m_{112}^{(21)} + m_{200}^{(21)}m_{201}^{(11)}m_{022}^{(20)} - m_{200}^{(21)}m_{201}^{(11)}m_{013}^{(10)}\\
&+m_{200}^{(21)}m_{201}^{(20)}m_{040}^{(22)} - 2m_{200}^{(21)}m_{201}^{(20)}m_{031}^{(21)} + m_{200}^{(21)}m_{201}^{(20)}m_{022}^{(11)} - m_{200}^{(21)}m_{201}^{(21)}m_{130}^{(22)}\\
&+2m_{200}^{(21)}m_{201}^{(21)}m_{121}^{(21)} - m_{200}^{(21)}m_{201}^{(21)}m_{112}^{(11)} + m_{200}^{(21)}m_{201}^{(22)}m_{130}^{(21)} - m_{200}^{(21)}m_{201}^{(22)}m_{121}^{(11)}\\
&-m_{200}^{(21)}m_{201}^{(22)}m_{040}^{(20)} + m_{200}^{(21)}m_{201}^{(22)}m_{031}^{(10)} + m_{200}^{(21)}m_{120}^{(10)}m_{112}^{(22)} - m_{200}^{(21)}m_{120}^{(10)}m_{103}^{(21)}\\
&-m_{200}^{(21)}m_{120}^{(10)}m_{013}^{(20)} + m_{200}^{(21)}m_{120}^{(10)}m_{004}^{(10)} - m_{200}^{(21)}m_{120}^{(11)}m_{202}^{(22)} + 2m_{200}^{(21)}m_{120}^{(11)}m_{103}^{(20)}\\
&-m_{200}^{(21)}m_{120}^{(11)}m_{004}^{(00)} + 2m_{200}^{(21)}m_{120}^{(20)}m_{121}^{(22)} - 3m_{200}^{(21)}m_{120}^{(20)}m_{112}^{(21)} + m_{200}^{(21)}m_{120}^{(20)}m_{103}^{(11)}\\
&-m_{200}^{(21)}m_{120}^{(20)}m_{022}^{(20)} + m_{200}^{(21)}m_{120}^{(20)}m_{013}^{(10)} - 2m_{200}^{(21)}m_{120}^{(21)}m_{211}^{(22)} + 2m_{200}^{(21)}m_{120}^{(21)}m_{202}^{(21)}
\end{aligned}
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\begin{aligned}
&+2m_{200}^{(21)}m_{120}^{(21)}m_{112}^{(20)} - 2m_{200}^{(21)}m_{120}^{(21)}m_{103}^{(10)} + 2m_{200}^{(21)}m_{120}^{(22)}m_{211}^{(21)} - m_{200}^{(21)}m_{120}^{(22)}m_{202}^{(11)}\\
&-2m_{200}^{(21)}m_{120}^{(22)}m_{121}^{(20)} + m_{200}^{(21)}m_{120}^{(22)}m_{022}^{(00)} - 2m_{200}^{(21)}m_{111}^{(10)}m_{112}^{(21)} + 2m_{200}^{(21)}m_{111}^{(10)}m_{103}^{(11)}\\
&+2m_{200}^{(21)}m_{111}^{(10)}m_{022}^{(20)} - 2m_{200}^{(21)}m_{111}^{(10)}m_{013}^{(10)} + 2m_{200}^{(21)}m_{111}^{(11)}m_{202}^{(21)} - 2m_{200}^{(21)}m_{111}^{(11)}m_{112}^{(20)}\\
&-2m_{200}^{(21)}m_{111}^{(11)}m_{103}^{(10)} + 2m_{200}^{(21)}m_{111}^{(11)}m_{013}^{(00)} - 2m_{200}^{(21)}m_{111}^{(20)}m_{130}^{(22)} + 2m_{200}^{(21)}m_{111}^{(20)}m_{121}^{(21)}\\
&+2m_{200}^{(21)}m_{111}^{(20)}m_{031}^{(20)} - 2m_{200}^{(21)}m_{111}^{(20)}m_{022}^{(10)} + 2m_{200}^{(21)}m_{111}^{(21)}m_{220}^{(22)} - 2m_{200}^{(21)}m_{111}^{(21)}m_{202}^{(11)}\\
&-4m_{200}^{(21)}m_{111}^{(21)}m_{121}^{(20)} + 4m_{200}^{(21)}m_{111}^{(21)}m_{112}^{(10)} - 2m_{200}^{(21)}m_{111}^{(22)}m_{220}^{(21)} + 2m_{200}^{(21)}m_{111}^{(22)}m_{130}^{(20)}\\
&+2m_{200}^{(21)}m_{111}^{(22)}m_{121}^{(10)} - 2m_{200}^{(21)}m_{111}^{(22)}m_{031}^{(00)} - m_{200}^{(21)}m_{102}^{(10)}m_{130}^{(22)} + 3m_{200}^{(21)}m_{102}^{(10)}m_{121}^{(21)}\\
&-2m_{200}^{(21)}m_{102}^{(10)}m_{112}^{(11)} - m_{200}^{(21)}m_{102}^{(10)}m_{031}^{(20)} + m_{200}^{(21)}m_{102}^{(10)}m_{022}^{(10)} + m_{200}^{(21)}m_{102}^{(11)}m_{220}^{(22)}\\
&-2m_{200}^{(21)}m_{102}^{(11)}m_{211}^{(21)} + 2m_{200}^{(21)}m_{102}^{(11)}m_{112}^{(10)} - m_{200}^{(21)}m_{102}^{(11)}m_{022}^{(00)} + m_{200}^{(21)}m_{102}^{(20)}m_{130}^{(21)}\\
&-m_{200}^{(21)}m_{102}^{(20)}m_{121}^{(11)} - m_{200}^{(21)}m_{102}^{(20)}m_{040}^{(20)} + m_{200}^{(21)}m_{102}^{(20)}m_{031}^{(10)} - 2m_{200}^{(21)}m_{102}^{(21)}m_{220}^{(21)}\\
&+2m_{200}^{(21)}m_{102}^{(21)}m_{211}^{(11)} + 2m_{200}^{(21)}m_{102}^{(21)}m_{130}^{(20)} - 2m_{200}^{(21)}m_{102}^{(21)}m_{121}^{(10)} + m_{200}^{(21)}m_{102}^{(22)}m_{220}^{(11)}\\
&-2m_{200}^{(21)}m_{102}^{(22)}m_{130}^{(10)} + m_{200}^{(21)}m_{102}^{(22)}m_{040}^{(00)} - m_{200}^{(21)}m_{030}^{(20)}m_{211}^{(22)} + m_{200}^{(21)}m_{030}^{(20)}m_{202}^{(21)}\\
&+m_{200}^{(21)}m_{030}^{(20)}m_{112}^{(20)} - m_{200}^{(21)}m_{030}^{(20)}m_{103}^{(10)} + m_{200}^{(21)}m_{030}^{(21)}m_{301}^{(22)} - 2m_{200}^{(21)}m_{030}^{(21)}m_{202}^{(20)}\\
&+m_{200}^{(21)}m_{030}^{(21)}m_{103}^{(00)} - m_{200}^{(21)}m_{030}^{(22)}m_{301}^{(21)} + m_{200}^{(21)}m_{030}^{(22)}m_{211}^{(20)} + m_{200}^{(21)}m_{030}^{(22)}m_{202}^{(10)}\\
&-m_{200}^{(21)}m_{030}^{(22)}m_{112}^{(00)} - m_{200}^{(21)}m_{021}^{(10)}m_{211}^{(22)} + m_{200}^{(21)}m_{021}^{(10)}m_{202}^{(21)} + m_{200}^{(21)}m_{021}^{(10)}m_{112}^{(20)}\\
&-m_{200}^{(21)}m_{021}^{(10)}m_{103}^{(10)} + m_{200}^{(21)}m_{021}^{(11)}m_{301}^{(22)} - 2m_{200}^{(21)}m_{021}^{(11)}m_{202}^{(20)} + m_{200}^{(21)}m_{021}^{(11)}m_{103}^{(00)}\\
&+m_{200}^{(21)}m_{021}^{(20)}m_{220}^{(22)} - m_{200}^{(21)}m_{021}^{(20)}m_{202}^{(11)} - 2m_{200}^{(21)}m_{021}^{(20)}m_{121}^{(20)} + 2m_{200}^{(21)}m_{021}^{(20)}m_{112}^{(10)}\\
&-m_{200}^{(21)}m_{021}^{(21)}m_{310}^{(22)} - 2m_{200}^{(21)}m_{021}^{(21)}m_{301}^{(21)} + 4m_{200}^{(21)}m_{021}^{(21)}m_{211}^{(20)} + 2m_{200}^{(21)}m_{021}^{(21)}m_{202}^{(10)}\\
&-3m_{200}^{(21)}m_{021}^{(21)}m_{112}^{(00)} + m_{200}^{(21)}m_{021}^{(22)}m_{310}^{(21)} + m_{200}^{(21)}m_{021}^{(22)}m_{301}^{(11)} - m_{200}^{(21)}m_{021}^{(22)}m_{220}^{(20)}\\
&-3m_{200}^{(21)}m_{021}^{(22)}m_{211}^{(10)} + 2m_{200}^{(21)}m_{021}^{(22)}m_{121}^{(00)} + m_{200}^{(21)}m_{012}^{(10)}m_{220}^{(22)} - m_{200}^{(21)}m_{012}^{(10)}m_{202}^{(11)}\\
&-2m_{200}^{(21)}m_{012}^{(10)}m_{121}^{(20)} + 2m_{200}^{(21)}m_{012}^{(10)}m_{112}^{(10)} - m_{200}^{(21)}m_{012}^{(11)}m_{310}^{(22)} - m_{200}^{(21)}m_{012}^{(11)}m_{301}^{(21)}\\
&+3m_{200}^{(21)}m_{012}^{(11)}m_{211}^{(20)} + m_{200}^{(21)}m_{012}^{(11)}m_{202}^{(10)} - 2m_{200}^{(21)}m_{012}^{(11)}m_{112}^{(00)} - m_{200}^{(21)}m_{012}^{(20)}m_{220}^{(21)}\\
&+m_{200}^{(21)}m_{012}^{(20)}m_{211}^{(11)} + m_{200}^{(21)}m_{012}^{(20)}m_{130}^{(20)} - m_{200}^{(21)}m_{012}^{(20)}m_{121}^{(10)} + 2m_{200}^{(21)}m_{012}^{(21)}m_{310}^{(21)}\\
&+m_{200}^{(21)}m_{012}^{(21)}m_{301}^{(11)} - 2m_{200}^{(21)}m_{012}^{(21)}m_{220}^{(20)} - 4m_{200}^{(21)}m_{012}^{(21)}m_{211}^{(10)} + 3m_{200}^{(21)}m_{012}^{(21)}m_{121}^{(00)}\\
&-m_{200}^{(21)}m_{012}^{(22)}m_{310}^{(11)} + 2m_{200}^{(21)}m_{012}^{(22)}m_{220}^{(10)} - m_{200}^{(21)}m_{012}^{(22)}m_{130}^{(00)} - m_{200}^{(21)}m_{003}^{(10)}m_{220}^{(21)}\\
&+m_{200}^{(21)}m_{003}^{(10)}m_{211}^{(11)} + m_{200}^{(21)}m_{003}^{(10)}m_{130}^{(20)} - m_{200}^{(21)}m_{003}^{(10)}m_{121}^{(10)} + m_{200}^{(21)}m_{003}^{(11)}m_{310}^{(21)}\\
&-m_{200}^{(21)}m_{003}^{(11)}m_{220}^{(20)} - m_{200}^{(21)}m_{003}^{(11)}m_{211}^{(10)} + m_{200}^{(21)}m_{003}^{(11)}m_{121}^{(00)} - m_{200}^{(21)}m_{003}^{(21)}m_{310}^{(11)}\\
&+2m_{200}^{(21)}m_{003}^{(21)}m_{220}^{(10)} - m_{200}^{(21)}m_{003}^{(21)}m_{130}^{(00)} + m_{200}^{(22)}m_{210}^{(10)}m_{031}^{(22)} - 2m_{200}^{(22)}m_{210}^{(10)}m_{022}^{(21)}\\
&+m_{200}^{(22)}m_{210}^{(10)}m_{013}^{(11)} - m_{200}^{(22)}m_{210}^{(11)}m_{121}^{(22)} + m_{200}^{(22)}m_{210}^{(11)}m_{112}^{(21)} + m_{200}^{(22)}m_{210}^{(11)}m_{022}^{(20)}\\
&-m_{200}^{(22)}m_{210}^{(11)}m_{013}^{(10)} + m_{200}^{(22)}m_{210}^{(21)}m_{121}^{(21)} - m_{200}^{(22)}m_{210}^{(21)}m_{112}^{(11)} - m_{200}^{(22)}m_{210}^{(21)}m_{031}^{(20)}\\
&+m_{200}^{(22)}m_{210}^{(21)}m_{022}^{(10)} - m_{200}^{(22)}m_{201}^{(10)}m_{040}^{(22)} + 2m_{200}^{(22)}m_{201}^{(10)}m_{031}^{(21)} - m_{200}^{(22)}m_{201}^{(10)}m_{022}^{(11)}\\
&+m_{200}^{(22)}m_{201}^{(11)}m_{130}^{(22)} - m_{200}^{(22)}m_{201}^{(11)}m_{121}^{(21)} - m_{200}^{(22)}m_{201}^{(11)}m_{031}^{(20)} + m_{200}^{(22)}m_{201}^{(11)}m_{022}^{(10)}\\
&-m_{200}^{(22)}m_{201}^{(21)}m_{130}^{(21)} + m_{200}^{(22)}m_{201}^{(21)}m_{121}^{(11)} + m_{200}^{(22)}m_{201}^{(21)}m_{040}^{(20)} - m_{200}^{(22)}m_{201}^{(21)}m_{031}^{(10)}\\
&-2m_{200}^{(22)}m_{120}^{(10)}m_{121}^{(22)} + 3m_{200}^{(22)}m_{120}^{(10)}m_{112}^{(21)} - m_{200}^{(22)}m_{120}^{(10)}m_{103}^{(11)} + m_{200}^{(22)}m_{120}^{(10)}m_{022}^{(20)}\\
&-m_{200}^{(22)}m_{120}^{(10)}m_{013}^{(10)} + 2m_{200}^{(22)}m_{120}^{(11)}m_{211}^{(22)} - m_{200}^{(22)}m_{120}^{(11)}m_{202}^{(21)} - 3m_{200}^{(22)}m_{120}^{(11)}m_{112}^{(20)}\\
&+m_{200}^{(22)}m_{120}^{(11)}m_{103}^{(10)} + m_{200}^{(22)}m_{120}^{(11)}m_{013}^{(00)} - 2m_{200}^{(22)}m_{120}^{(21)}m_{211}^{(21)} + m_{200}^{(22)}m_{120}^{(21)}m_{202}^{(11)}\\
&+2m_{200}^{(22)}m_{120}^{(21)}m_{121}^{(20)} - m_{200}^{(22)}m_{120}^{(21)}m_{022}^{(00)} + 2m_{200}^{(22)}m_{111}^{(10)}m_{130}^{(22)} - 2m_{200}^{(22)}m_{111}^{(10)}m_{121}^{(21)}\\
&-2m_{200}^{(22)}m_{111}^{(10)}m_{031}^{(20)} + 2m_{200}^{(22)}m_{111}^{(10)}m_{022}^{(10)} - 2m_{200}^{(22)}m_{111}^{(11)}m_{220}^{(22)} + 4m_{200}^{(22)}m_{111}^{(11)}m_{121}^{(20)}
\end{aligned}
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\begin{aligned}
&-2m_{200}^{(22)}m_{111}^{(11)}m_{022}^{(00)}+2m_{200}^{(22)}m_{111}^{(21)}m_{220}^{(21)}-2m_{200}^{(22)}m_{111}^{(21)}m_{130}^{(20)}-2m_{200}^{(22)}m_{111}^{(21)}m_{121}^{(10)}\\
&+2m_{200}^{(22)}m_{111}^{(21)}m_{031}^{(00)}-m_{200}^{(22)}m_{102}^{(10)}m_{130}^{(21)}+m_{200}^{(22)}m_{102}^{(10)}m_{121}^{(11)}+m_{200}^{(22)}m_{102}^{(10)}m_{040}^{(20)}\\
&-m_{200}^{(22)}m_{102}^{(10)}m_{031}^{(10)}+m_{200}^{(22)}m_{102}^{(11)}m_{220}^{(21)}-m_{200}^{(22)}m_{102}^{(11)}m_{130}^{(20)}-m_{200}^{(22)}m_{102}^{(11)}m_{121}^{(10)}\\
&+m_{200}^{(22)}m_{102}^{(11)}m_{031}^{(00)}-m_{200}^{(22)}m_{102}^{(21)}m_{220}^{(11)}+2m_{200}^{(22)}m_{102}^{(21)}m_{130}^{(10)}-m_{200}^{(22)}m_{102}^{(21)}m_{040}^{(00)}\\
&+m_{200}^{(22)}m_{030}^{(10)}m_{211}^{(22)}-m_{200}^{(22)}m_{030}^{(10)}m_{202}^{(21)}-m_{200}^{(22)}m_{030}^{(10)}m_{112}^{(20)}+m_{200}^{(22)}m_{030}^{(10)}m_{103}^{(10)}\\
&-m_{200}^{(22)}m_{030}^{(11)}m_{301}^{(22)}+2m_{200}^{(22)}m_{030}^{(11)}m_{202}^{(20)}-m_{200}^{(22)}m_{030}^{(11)}m_{103}^{(00)}+m_{200}^{(22)}m_{030}^{(21)}m_{301}^{(21)}\\
&-m_{200}^{(22)}m_{030}^{(21)}m_{211}^{(20)}-m_{200}^{(22)}m_{030}^{(21)}m_{202}^{(10)}+m_{200}^{(22)}m_{030}^{(21)}m_{112}^{(00)}-m_{200}^{(22)}m_{021}^{(10)}m_{220}^{(22)}\\
&+m_{200}^{(22)}m_{021}^{(10)}m_{202}^{(11)}+2m_{200}^{(22)}m_{021}^{(10)}m_{121}^{(20)}-2m_{200}^{(22)}m_{021}^{(10)}m_{112}^{(10)}+m_{200}^{(22)}m_{021}^{(11)}m_{310}^{(22)}\\
&+m_{200}^{(22)}m_{021}^{(11)}m_{301}^{(21)}-3m_{200}^{(22)}m_{021}^{(11)}m_{211}^{(20)}-m_{200}^{(22)}m_{021}^{(11)}m_{202}^{(10)}+2m_{200}^{(22)}m_{021}^{(11)}m_{112}^{(00)}\\
&-m_{200}^{(22)}m_{021}^{(21)}m_{310}^{(21)}-m_{200}^{(22)}m_{021}^{(21)}m_{301}^{(11)}+m_{200}^{(22)}m_{021}^{(21)}m_{220}^{(20)}+3m_{200}^{(22)}m_{021}^{(21)}m_{211}^{(10)}\\
&-2m_{200}^{(22)}m_{021}^{(21)}m_{121}^{(00)}+m_{200}^{(22)}m_{012}^{(10)}m_{220}^{(21)}-m_{200}^{(22)}m_{012}^{(10)}m_{211}^{(11)}-m_{200}^{(22)}m_{012}^{(10)}m_{130}^{(20)}\\
&+m_{200}^{(22)}m_{012}^{(10)}m_{121}^{(10)}-m_{200}^{(22)}m_{012}^{(11)}m_{310}^{(21)}+m_{200}^{(22)}m_{012}^{(11)}m_{220}^{(20)}+m_{200}^{(22)}m_{012}^{(11)}m_{211}^{(10)}\\
&-m_{200}^{(22)}m_{012}^{(11)}m_{121}^{(00)}+m_{200}^{(22)}m_{012}^{(21)}m_{310}^{(11)}-2m_{200}^{(22)}m_{012}^{(21)}m_{220}^{(10)}+m_{200}^{(22)}m_{012}^{(21)}m_{130}^{(00)}\\
&+m_{110}^{(00)}m_{120}^{(20)}m_{022}^{(22)}-2m_{110}^{(00)}m_{120}^{(20)}m_{013}^{(21)}+m_{110}^{(00)}m_{120}^{(20)}m_{004}^{(11)}-m_{110}^{(00)}m_{120}^{(21)}m_{112}^{(22)}\\
&+m_{110}^{(00)}m_{120}^{(21)}m_{103}^{(21)}+m_{110}^{(00)}m_{120}^{(21)}m_{013}^{(20)}-m_{110}^{(00)}m_{120}^{(21)}m_{004}^{(10)}+m_{110}^{(00)}m_{120}^{(22)}m_{112}^{(21)}\\
&-m_{110}^{(00)}m_{120}^{(22)}m_{103}^{(11)}-m_{110}^{(00)}m_{120}^{(22)}m_{022}^{(20)}+m_{110}^{(00)}m_{120}^{(22)}m_{013}^{(10)}-2m_{110}^{(00)}m_{111}^{(20)}m_{031}^{(22)}\\
&+4m_{110}^{(00)}m_{111}^{(20)}m_{022}^{(21)}-2m_{110}^{(00)}m_{111}^{(20)}m_{013}^{(11)}+2m_{110}^{(00)}m_{111}^{(21)}m_{121}^{(22)}-2m_{110}^{(00)}m_{111}^{(21)}m_{112}^{(21)}\\
&-2m_{110}^{(00)}m_{111}^{(21)}m_{022}^{(20)}+2m_{110}^{(00)}m_{111}^{(21)}m_{013}^{(10)}-2m_{110}^{(00)}m_{111}^{(22)}m_{121}^{(21)}+2m_{110}^{(00)}m_{111}^{(22)}m_{112}^{(11)}\\
&+2m_{110}^{(00)}m_{111}^{(22)}m_{031}^{(20)}-2m_{110}^{(00)}m_{111}^{(22)}m_{022}^{(10)}+m_{110}^{(00)}m_{102}^{(20)}m_{040}^{(22)}-2m_{110}^{(00)}m_{102}^{(20)}m_{031}^{(21)}\\
&+m_{110}^{(00)}m_{102}^{(20)}m_{022}^{(11)}-m_{110}^{(00)}m_{102}^{(21)}m_{130}^{(22)}+m_{110}^{(00)}m_{102}^{(21)}m_{121}^{(21)}+m_{110}^{(00)}m_{102}^{(21)}m_{031}^{(20)}\\
&-m_{110}^{(00)}m_{102}^{(21)}m_{022}^{(10)}+m_{110}^{(00)}m_{102}^{(22)}m_{130}^{(21)}-m_{110}^{(00)}m_{102}^{(22)}m_{121}^{(11)}-m_{110}^{(00)}m_{102}^{(22)}m_{040}^{(20)}\\
&+m_{110}^{(00)}m_{102}^{(22)}m_{031}^{(10)}-m_{110}^{(00)}m_{030}^{(20)}m_{112}^{(22)}+m_{110}^{(00)}m_{030}^{(20)}m_{103}^{(21)}+m_{110}^{(00)}m_{030}^{(20)}m_{013}^{(20)}\\
&-m_{110}^{(00)}m_{030}^{(20)}m_{004}^{(10)}+m_{110}^{(00)}m_{030}^{(21)}m_{202}^{(22)}-2m_{110}^{(00)}m_{030}^{(21)}m_{103}^{(20)}+m_{110}^{(00)}m_{030}^{(21)}m_{004}^{(00)}\\
&-m_{110}^{(00)}m_{030}^{(22)}m_{202}^{(21)}+m_{110}^{(00)}m_{030}^{(22)}m_{112}^{(20)}+m_{110}^{(00)}m_{030}^{(22)}m_{103}^{(10)}-m_{110}^{(00)}m_{030}^{(22)}m_{013}^{(00)}\\
&+2m_{110}^{(00)}m_{021}^{(20)}m_{121}^{(22)}-m_{110}^{(00)}m_{021}^{(20)}m_{112}^{(21)}-m_{110}^{(00)}m_{021}^{(20)}m_{103}^{(11)}-3m_{110}^{(00)}m_{021}^{(20)}m_{022}^{(20)}\\
&+3m_{110}^{(00)}m_{021}^{(20)}m_{013}^{(10)}-2m_{110}^{(00)}m_{021}^{(21)}m_{211}^{(22)}-m_{110}^{(00)}m_{021}^{(21)}m_{202}^{(21)}+5m_{110}^{(00)}m_{021}^{(21)}m_{112}^{(20)}\\
&+m_{110}^{(00)}m_{021}^{(21)}m_{103}^{(10)}-3m_{110}^{(00)}m_{021}^{(21)}m_{013}^{(00)}+2m_{110}^{(00)}m_{021}^{(22)}m_{211}^{(21)}+m_{110}^{(00)}m_{021}^{(22)}m_{202}^{(11)}\\
&-2m_{110}^{(00)}m_{021}^{(22)}m_{121}^{(20)}-4m_{110}^{(00)}m_{021}^{(22)}m_{112}^{(10)}+3m_{110}^{(00)}m_{021}^{(22)}m_{022}^{(00)}-m_{110}^{(00)}m_{012}^{(20)}m_{130}^{(22)}\\
&-m_{110}^{(00)}m_{012}^{(20)}m_{121}^{(21)}+2m_{110}^{(00)}m_{012}^{(20)}m_{112}^{(11)}+3m_{110}^{(00)}m_{012}^{(20)}m_{031}^{(20)}-3m_{110}^{(00)}m_{012}^{(20)}m_{022}^{(10)}\\
&+m_{110}^{(00)}m_{012}^{(21)}m_{220}^{(22)}+2m_{110}^{(00)}m_{012}^{(21)}m_{211}^{(21)}-4m_{110}^{(00)}m_{012}^{(21)}m_{121}^{(20)}-2m_{110}^{(00)}m_{012}^{(21)}m_{112}^{(10)}\\
&+3m_{110}^{(00)}m_{012}^{(21)}m_{022}^{(00)}-m_{110}^{(00)}m_{012}^{(22)}m_{220}^{(21)}-2m_{110}^{(00)}m_{012}^{(22)}m_{211}^{(11)}+m_{110}^{(00)}m_{012}^{(22)}m_{130}^{(20)}\\
&+5m_{110}^{(00)}m_{012}^{(22)}m_{121}^{(10)}-3m_{110}^{(00)}m_{012}^{(22)}m_{031}^{(00)}+m_{110}^{(00)}m_{003}^{(20)}m_{130}^{(21)}-m_{110}^{(00)}m_{003}^{(20)}m_{121}^{(11)}\\
&-m_{110}^{(00)}m_{003}^{(20)}m_{040}^{(20)}+m_{110}^{(00)}m_{003}^{(20)}m_{031}^{(10)}-m_{110}^{(00)}m_{003}^{(21)}m_{220}^{(21)}+m_{110}^{(00)}m_{003}^{(21)}m_{130}^{(20)}\\
&+m_{110}^{(00)}m_{003}^{(21)}m_{121}^{(10)}-m_{110}^{(00)}m_{003}^{(21)}m_{031}^{(00)}+m_{110}^{(00)}m_{003}^{(22)}m_{220}^{(11)}-2m_{110}^{(00)}m_{003}^{(22)}m_{130}^{(10)}\\
&+m_{110}^{(00)}m_{003}^{(22)}m_{040}^{(00)}-m_{110}^{(11)}m_{300}^{(20)}m_{022}^{(22)}+2m_{110}^{(11)}m_{300}^{(20)}m_{013}^{(21)}-m_{110}^{(11)}m_{300}^{(20)}m_{004}^{(11)}\\
&+m_{110}^{(11)}m_{300}^{(21)}m_{112}^{(22)}-m_{110}^{(11)}m_{300}^{(21)}m_{103}^{(21)}-m_{110}^{(11)}m_{300}^{(21)}m_{013}^{(20)}+m_{110}^{(11)}m_{300}^{(21)}m_{004}^{(10)}\\
&-m_{110}^{(11)}m_{300}^{(22)}m_{112}^{(21)}+m_{110}^{(11)}m_{300}^{(22)}m_{103}^{(11)}+m_{110}^{(11)}m_{300}^{(22)}m_{022}^{(20)}-m_{110}^{(11)}m_{300}^{(22)}m_{013}^{(10)}\\
&+m_{110}^{(11)}m_{210}^{(20)}m_{112}^{(22)}-m_{110}^{(11)}m_{210}^{(20)}m_{103}^{(21)}-m_{110}^{(11)}m_{210}^{(20)}m_{013}^{(20)}+m_{110}^{(11)}m_{210}^{(20)}m_{004}^{(10)}
\end{aligned}
$$

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\begin{aligned}
&-m_{110}^{(11)}m_{210}^{(21)}m_{202}^{(22)}+2m_{110}^{(11)}m_{210}^{(21)}m_{103}^{(20)}-m_{110}^{(11)}m_{210}^{(21)}m_{004}^{(00)}+m_{110}^{(11)}m_{210}^{(22)}m_{202}^{(21)}\\
&-m_{110}^{(11)}m_{210}^{(22)}m_{112}^{(20)}-m_{110}^{(11)}m_{210}^{(22)}m_{103}^{(10)}+m_{110}^{(11)}m_{210}^{(22)}m_{013}^{(00)}+2m_{110}^{(11)}m_{201}^{(20)}m_{121}^{(22)}\\
&-5m_{110}^{(11)}m_{201}^{(20)}m_{112}^{(21)}+3m_{110}^{(11)}m_{201}^{(20)}m_{103}^{(11)}+m_{110}^{(11)}m_{201}^{(20)}m_{022}^{(20)}-m_{110}^{(11)}m_{201}^{(20)}m_{013}^{(10)}\\
&-2m_{110}^{(11)}m_{201}^{(21)}m_{211}^{(22)}+3m_{110}^{(11)}m_{201}^{(21)}m_{202}^{(21)}+m_{110}^{(11)}m_{201}^{(21)}m_{112}^{(20)}-3m_{110}^{(11)}m_{201}^{(21)}m_{103}^{(10)}\\
&+m_{110}^{(11)}m_{201}^{(21)}m_{013}^{(00)}+2m_{110}^{(11)}m_{201}^{(22)}m_{211}^{(21)}-3m_{110}^{(11)}m_{201}^{(22)}m_{202}^{(11)}-2m_{110}^{(11)}m_{201}^{(22)}m_{121}^{(20)}\\
&+4m_{110}^{(11)}m_{201}^{(22)}m_{112}^{(10)}-m_{110}^{(11)}m_{201}^{(22)}m_{022}^{(00)}-2m_{110}^{(11)}m_{111}^{(20)}m_{211}^{(22)}+2m_{110}^{(11)}m_{111}^{(20)}m_{202}^{(21)}\\
&+2m_{110}^{(11)}m_{111}^{(20)}m_{112}^{(20)}-2m_{110}^{(11)}m_{111}^{(20)}m_{103}^{(10)}+2m_{110}^{(11)}m_{111}^{(21)}m_{301}^{(22)}-4m_{110}^{(11)}m_{111}^{(21)}m_{202}^{(20)}\\
&+2m_{110}^{(11)}m_{111}^{(21)}m_{103}^{(00)}-2m_{110}^{(11)}m_{111}^{(22)}m_{301}^{(21)}+2m_{110}^{(11)}m_{111}^{(22)}m_{211}^{(20)}+2m_{110}^{(11)}m_{111}^{(22)}m_{202}^{(10)}\\
&-2m_{110}^{(11)}m_{111}^{(22)}m_{112}^{(00)}-m_{110}^{(11)}m_{102}^{(20)}m_{220}^{(22)}+4m_{110}^{(11)}m_{102}^{(20)}m_{211}^{(21)}-3m_{110}^{(11)}m_{102}^{(20)}m_{202}^{(11)}\\
&-2m_{110}^{(11)}m_{102}^{(20)}m_{121}^{(20)}+2m_{110}^{(11)}m_{102}^{(20)}m_{112}^{(10)}+m_{110}^{(11)}m_{102}^{(21)}m_{310}^{(22)}-3m_{110}^{(11)}m_{102}^{(21)}m_{301}^{(21)}\\
&+m_{110}^{(11)}m_{102}^{(21)}m_{211}^{(20)}+3m_{110}^{(11)}m_{102}^{(21)}m_{202}^{(10)}-2m_{110}^{(11)}m_{102}^{(21)}m_{112}^{(00)}-m_{110}^{(11)}m_{102}^{(22)}m_{310}^{(21)}\\
&+3m_{110}^{(11)}m_{102}^{(22)}m_{301}^{(11)}+m_{110}^{(11)}m_{102}^{(22)}m_{220}^{(20)}-5m_{110}^{(11)}m_{102}^{(22)}m_{211}^{(10)}+2m_{110}^{(11)}m_{102}^{(22)}m_{121}^{(00)}\\
&+m_{110}^{(11)}m_{012}^{(20)}m_{310}^{(22)}-m_{110}^{(11)}m_{012}^{(20)}m_{301}^{(21)}-m_{110}^{(11)}m_{012}^{(20)}m_{211}^{(20)}+m_{110}^{(11)}m_{012}^{(20)}m_{202}^{(10)}\\
&-m_{110}^{(11)}m_{012}^{(21)}m_{400}^{(22)}+2m_{110}^{(11)}m_{012}^{(21)}m_{301}^{(20)}-m_{110}^{(11)}m_{012}^{(21)}m_{202}^{(00)}+m_{110}^{(11)}m_{012}^{(22)}m_{400}^{(21)}\\
&-m_{110}^{(11)}m_{012}^{(22)}m_{310}^{(20)}-m_{110}^{(11)}m_{012}^{(22)}m_{301}^{(10)}+m_{110}^{(11)}m_{012}^{(22)}m_{211}^{(00)}-m_{110}^{(11)}m_{003}^{(20)}m_{310}^{(21)}\\
&+m_{110}^{(11)}m_{003}^{(20)}m_{301}^{(11)}+m_{110}^{(11)}m_{003}^{(20)}m_{220}^{(20)}-m_{110}^{(11)}m_{003}^{(20)}m_{211}^{(10)}+m_{110}^{(11)}m_{003}^{(21)}m_{400}^{(21)}\\
&-m_{110}^{(11)}m_{003}^{(21)}m_{310}^{(20)}-m_{110}^{(11)}m_{003}^{(21)}m_{301}^{(10)}+m_{110}^{(11)}m_{003}^{(21)}m_{211}^{(00)}-m_{110}^{(11)}m_{003}^{(22)}m_{400}^{(11)}\\
&+2m_{110}^{(11)}m_{003}^{(22)}m_{310}^{(10)}-m_{110}^{(11)}m_{003}^{(22)}m_{220}^{(00)}-m_{110}^{(20)}m_{210}^{(10)}m_{022}^{(22)}+2m_{110}^{(20)}m_{210}^{(10)}m_{013}^{(21)}\\
&-m_{110}^{(20)}m_{210}^{(10)}m_{004}^{(11)}+m_{110}^{(20)}m_{210}^{(11)}m_{112}^{(22)}-m_{110}^{(20)}m_{210}^{(11)}m_{103}^{(21)}-m_{110}^{(20)}m_{210}^{(11)}m_{013}^{(20)}\\
&+m_{110}^{(20)}m_{210}^{(11)}m_{004}^{(10)}+m_{110}^{(20)}m_{210}^{(20)}m_{031}^{(22)}-2m_{110}^{(20)}m_{210}^{(20)}m_{022}^{(21)}+m_{110}^{(20)}m_{210}^{(20)}m_{013}^{(11)}\\
&-m_{110}^{(20)}m_{210}^{(21)}m_{121}^{(22)}+m_{110}^{(20)}m_{210}^{(21)}m_{103}^{(11)}+2m_{110}^{(20)}m_{210}^{(21)}m_{022}^{(20)}-2m_{110}^{(20)}m_{210}^{(21)}m_{013}^{(10)}\\
&+m_{110}^{(20)}m_{210}^{(22)}m_{121}^{(21)}-m_{110}^{(20)}m_{210}^{(22)}m_{112}^{(11)}-m_{110}^{(20)}m_{210}^{(22)}m_{031}^{(20)}+m_{110}^{(20)}m_{210}^{(22)}m_{022}^{(10)}\\
&+m_{110}^{(20)}m_{201}^{(10)}m_{031}^{(22)}-2m_{110}^{(20)}m_{201}^{(10)}m_{022}^{(21)}+m_{110}^{(20)}m_{201}^{(10)}m_{013}^{(11)}-m_{110}^{(20)}m_{201}^{(11)}m_{121}^{(22)}\\
&+m_{110}^{(20)}m_{201}^{(11)}m_{112}^{(21)}+m_{110}^{(20)}m_{201}^{(11)}m_{022}^{(20)}-m_{110}^{(20)}m_{201}^{(11)}m_{013}^{(10)}-m_{110}^{(20)}m_{201}^{(20)}m_{040}^{(22)}\\
&+2m_{110}^{(20)}m_{201}^{(20)}m_{031}^{(21)}-m_{110}^{(20)}m_{201}^{(20)}m_{022}^{(11)}+m_{110}^{(20)}m_{201}^{(21)}m_{130}^{(22)}-m_{110}^{(20)}m_{201}^{(21)}m_{112}^{(11)}\\
&-2m_{110}^{(20)}m_{201}^{(21)}m_{031}^{(20)}+2m_{110}^{(20)}m_{201}^{(21)}m_{022}^{(10)}-m_{110}^{(20)}m_{201}^{(22)}m_{130}^{(21)}+m_{110}^{(20)}m_{201}^{(22)}m_{121}^{(11)}\\
&+m_{110}^{(20)}m_{201}^{(22)}m_{040}^{(20)}-m_{110}^{(20)}m_{201}^{(22)}m_{031}^{(10)}-m_{110}^{(20)}m_{120}^{(00)}m_{022}^{(22)}+2m_{110}^{(20)}m_{120}^{(00)}m_{013}^{(21)}\\
&-m_{110}^{(20)}m_{120}^{(00)}m_{004}^{(11)}+2m_{110}^{(20)}m_{120}^{(10)}m_{112}^{(22)}-2m_{110}^{(20)}m_{120}^{(10)}m_{103}^{(21)}-2m_{110}^{(20)}m_{120}^{(10)}m_{013}^{(20)}\\
&+2m_{110}^{(20)}m_{120}^{(10)}m_{004}^{(10)}-m_{110}^{(20)}m_{120}^{(11)}m_{202}^{(22)}+2m_{110}^{(20)}m_{120}^{(11)}m_{103}^{(20)}-m_{110}^{(20)}m_{120}^{(11)}m_{004}^{(00)}\\
&-2m_{110}^{(20)}m_{120}^{(20)}m_{121}^{(22)}+2m_{110}^{(20)}m_{120}^{(20)}m_{112}^{(21)}+2m_{110}^{(20)}m_{120}^{(20)}m_{022}^{(20)}-2m_{110}^{(20)}m_{120}^{(20)}m_{013}^{(10)}\\
&+2m_{110}^{(20)}m_{120}^{(21)}m_{211}^{(22)}-4m_{110}^{(20)}m_{120}^{(21)}m_{112}^{(20)}+2m_{110}^{(20)}m_{120}^{(21)}m_{013}^{(00)}-2m_{110}^{(20)}m_{120}^{(22)}m_{211}^{(21)}\\
&+m_{110}^{(20)}m_{120}^{(22)}m_{202}^{(11)}+2m_{110}^{(20)}m_{120}^{(22)}m_{121}^{(20)}-m_{110}^{(20)}m_{120}^{(22)}m_{022}^{(00)}+2m_{110}^{(20)}m_{111}^{(00)}m_{031}^{(22)}\\
&-4m_{110}^{(20)}m_{111}^{(00)}m_{022}^{(21)}+2m_{110}^{(20)}m_{111}^{(00)}m_{013}^{(11)}-2m_{110}^{(20)}m_{111}^{(10)}m_{121}^{(22)}+2m_{110}^{(20)}m_{111}^{(10)}m_{103}^{(11)}\\
&+4m_{110}^{(20)}m_{111}^{(10)}m_{022}^{(20)}-4m_{110}^{(20)}m_{111}^{(10)}m_{013}^{(10)}+2m_{110}^{(20)}m_{111}^{(11)}m_{202}^{(21)}-2m_{110}^{(20)}m_{111}^{(11)}m_{112}^{(20)}\\
&-2m_{110}^{(20)}m_{111}^{(11)}m_{103}^{(10)}+2m_{110}^{(20)}m_{111}^{(11)}m_{013}^{(00)}+2m_{110}^{(20)}m_{111}^{(20)}m_{130}^{(22)}-2m_{110}^{(20)}m_{111}^{(20)}m_{112}^{(11)}\\
&-4m_{110}^{(20)}m_{111}^{(20)}m_{031}^{(20)}+4m_{110}^{(20)}m_{111}^{(20)}m_{022}^{(10)}-2m_{110}^{(20)}m_{111}^{(21)}m_{220}^{(22)}-2m_{110}^{(20)}m_{111}^{(21)}m_{202}^{(11)}\\
&+4m_{110}^{(20)}m_{111}^{(21)}m_{121}^{(20)}+4m_{110}^{(20)}m_{111}^{(21)}m_{112}^{(10)}-4m_{110}^{(20)}m_{111}^{(21)}m_{022}^{(00)}+2m_{110}^{(20)}m_{111}^{(22)}m_{220}^{(21)}\\
&-2m_{110}^{(20)}m_{111}^{(22)}m_{130}^{(20)}-2m_{110}^{(20)}m_{111}^{(22)}m_{121}^{(10)}+2m_{110}^{(20)}m_{111}^{(22)}m_{031}^{(00)}-m_{110}^{(20)}m_{102}^{(00)}m_{040}^{(22)}
\end{aligned}
$$

$$+2m_{110}^{(20)}m_{102}^{(00)}m_{031}^{(21)} - m_{110}^{(20)}m_{102}^{(00)}m_{022}^{(11)} + 2m_{110}^{(20)}m_{102}^{(10)}m_{121}^{(21)} - 2m_{110}^{(20)}m_{102}^{(10)}m_{112}^{(11)}$$
$$-2m_{110}^{(20)}m_{102}^{(10)}m_{031}^{(20)} + 2m_{110}^{(20)}m_{102}^{(10)}m_{022}^{(10)} + m_{110}^{(20)}m_{102}^{(11)}m_{220}^{(22)} - 2m_{110}^{(20)}m_{102}^{(11)}m_{211}^{(21)}$$
$$+2m_{110}^{(20)}m_{102}^{(11)}m_{112}^{(10)} - m_{110}^{(20)}m_{102}^{(11)}m_{022}^{(00)} - 2m_{110}^{(20)}m_{102}^{(20)}m_{130}^{(21)} + 2m_{110}^{(20)}m_{102}^{(20)}m_{121}^{(11)}$$
$$+2m_{110}^{(20)}m_{102}^{(20)}m_{040}^{(20)} - 2m_{110}^{(20)}m_{102}^{(20)}m_{031}^{(10)} + 2m_{110}^{(20)}m_{102}^{(21)}m_{211}^{(11)} - 4m_{110}^{(20)}m_{102}^{(21)}m_{121}^{(10)}$$
$$+2m_{110}^{(20)}m_{102}^{(21)}m_{031}^{(00)} - m_{110}^{(20)}m_{102}^{(22)}m_{220}^{(11)} + 2m_{110}^{(20)}m_{102}^{(22)}m_{130}^{(10)} - m_{110}^{(20)}m_{102}^{(22)}m_{040}^{(00)}$$
$$+m_{110}^{(20)}m_{030}^{(00)}m_{112}^{(22)} - m_{110}^{(20)}m_{030}^{(00)}m_{103}^{(21)} - m_{110}^{(20)}m_{030}^{(00)}m_{013}^{(20)} + m_{110}^{(20)}m_{030}^{(00)}m_{004}^{(10)}$$
$$-m_{110}^{(20)}m_{030}^{(10)}m_{202}^{(22)} + 2m_{110}^{(20)}m_{030}^{(10)}m_{103}^{(20)} - m_{110}^{(20)}m_{030}^{(10)}m_{004}^{(00)} + m_{110}^{(20)}m_{030}^{(20)}m_{211}^{(22)}$$
$$-2m_{110}^{(20)}m_{030}^{(20)}m_{112}^{(20)} + m_{110}^{(20)}m_{030}^{(20)}m_{013}^{(00)} - m_{110}^{(20)}m_{030}^{(21)}m_{301}^{(22)} + 2m_{110}^{(20)}m_{030}^{(21)}m_{202}^{(20)}$$
$$-m_{110}^{(20)}m_{030}^{(21)}m_{103}^{(00)} + m_{110}^{(20)}m_{030}^{(22)}m_{301}^{(21)} - m_{110}^{(20)}m_{030}^{(22)}m_{211}^{(20)} - m_{110}^{(20)}m_{030}^{(22)}m_{202}^{(10)}$$
$$+m_{110}^{(20)}m_{030}^{(22)}m_{112}^{(00)} - 2m_{110}^{(20)}m_{021}^{(00)}m_{121}^{(22)} + m_{110}^{(20)}m_{021}^{(00)}m_{112}^{(21)} + m_{110}^{(20)}m_{021}^{(00)}m_{103}^{(11)}$$
$$+3m_{110}^{(20)}m_{021}^{(00)}m_{022}^{(20)} - 3m_{110}^{(20)}m_{021}^{(00)}m_{013}^{(10)} + m_{110}^{(20)}m_{021}^{(10)}m_{211}^{(22)} + 2m_{110}^{(20)}m_{021}^{(10)}m_{202}^{(21)}$$
$$-4m_{110}^{(20)}m_{021}^{(10)}m_{112}^{(20)} - 2m_{110}^{(20)}m_{021}^{(10)}m_{103}^{(10)} + 3m_{110}^{(20)}m_{021}^{(10)}m_{013}^{(00)} + m_{110}^{(20)}m_{021}^{(11)}m_{301}^{(22)}$$
$$-2m_{110}^{(20)}m_{021}^{(11)}m_{202}^{(20)} + m_{110}^{(20)}m_{021}^{(11)}m_{103}^{(00)} - m_{110}^{(20)}m_{021}^{(20)}m_{220}^{(22)} - 2m_{110}^{(20)}m_{021}^{(20)}m_{211}^{(21)}$$
$$+4m_{110}^{(20)}m_{021}^{(20)}m_{121}^{(20)} + 2m_{110}^{(20)}m_{021}^{(20)}m_{112}^{(10)} - 3m_{110}^{(20)}m_{021}^{(20)}m_{022}^{(00)} + m_{110}^{(20)}m_{021}^{(21)}m_{310}^{(22)}$$
$$-2m_{110}^{(20)}m_{021}^{(21)}m_{211}^{(20)} + m_{110}^{(20)}m_{021}^{(21)}m_{112}^{(00)} - m_{110}^{(20)}m_{021}^{(22)}m_{310}^{(21)} - m_{110}^{(20)}m_{021}^{(22)}m_{301}^{(11)}$$
$$+m_{110}^{(20)}m_{021}^{(22)}m_{220}^{(20)} + 3m_{110}^{(20)}m_{021}^{(22)}m_{211}^{(10)} - 2m_{110}^{(20)}m_{021}^{(22)}m_{121}^{(00)} + m_{110}^{(20)}m_{012}^{(00)}m_{130}^{(22)}$$
$$+m_{110}^{(20)}m_{012}^{(00)}m_{121}^{(21)} - 2m_{110}^{(20)}m_{012}^{(00)}m_{112}^{(11)} - 3m_{110}^{(20)}m_{012}^{(00)}m_{031}^{(20)} + 3m_{110}^{(20)}m_{012}^{(00)}m_{022}^{(10)}$$
$$-2m_{110}^{(20)}m_{012}^{(10)}m_{211}^{(21)} - m_{110}^{(20)}m_{012}^{(10)}m_{202}^{(11)} + 2m_{110}^{(20)}m_{012}^{(10)}m_{121}^{(20)} + 4m_{110}^{(20)}m_{012}^{(10)}m_{112}^{(10)}$$
$$-3m_{110}^{(20)}m_{012}^{(10)}m_{022}^{(00)} - m_{110}^{(20)}m_{012}^{(11)}m_{310}^{(22)} - m_{110}^{(20)}m_{012}^{(11)}m_{301}^{(21)} + 3m_{110}^{(20)}m_{012}^{(11)}m_{211}^{(20)}$$
$$+m_{110}^{(20)}m_{012}^{(11)}m_{202}^{(10)} - 2m_{110}^{(20)}m_{012}^{(11)}m_{112}^{(00)} + 2m_{110}^{(20)}m_{012}^{(20)}m_{220}^{(21)} + m_{110}^{(20)}m_{012}^{(20)}m_{211}^{(11)}$$
$$-2m_{110}^{(20)}m_{012}^{(20)}m_{130}^{(20)} - 4m_{110}^{(20)}m_{012}^{(20)}m_{121}^{(10)} + 3m_{110}^{(20)}m_{012}^{(20)}m_{031}^{(00)} + m_{110}^{(20)}m_{012}^{(21)}m_{301}^{(11)}$$
$$-2m_{110}^{(20)}m_{012}^{(21)}m_{211}^{(10)} + m_{110}^{(20)}m_{012}^{(21)}m_{121}^{(00)} + m_{110}^{(20)}m_{012}^{(22)}m_{310}^{(11)} - 2m_{110}^{(20)}m_{012}^{(22)}m_{220}^{(10)}$$
$$+m_{110}^{(20)}m_{012}^{(22)}m_{130}^{(00)} - m_{110}^{(20)}m_{003}^{(00)}m_{130}^{(21)} + m_{110}^{(20)}m_{003}^{(00)}m_{121}^{(11)} + m_{110}^{(20)}m_{003}^{(00)}m_{040}^{(20)}$$
$$-m_{110}^{(20)}m_{003}^{(00)}m_{031}^{(10)} + m_{110}^{(20)}m_{003}^{(10)}m_{211}^{(11)} - 2m_{110}^{(20)}m_{003}^{(10)}m_{121}^{(10)} + m_{110}^{(20)}m_{003}^{(10)}m_{031}^{(00)}$$
$$+m_{110}^{(20)}m_{003}^{(11)}m_{310}^{(21)} - m_{110}^{(20)}m_{003}^{(11)}m_{220}^{(20)} - m_{110}^{(20)}m_{003}^{(11)}m_{211}^{(10)} + m_{110}^{(20)}m_{003}^{(11)}m_{121}^{(00)}$$
$$-m_{110}^{(20)}m_{003}^{(20)}m_{220}^{(11)} + 2m_{110}^{(20)}m_{003}^{(20)}m_{130}^{(10)} - m_{110}^{(20)}m_{003}^{(20)}m_{040}^{(00)} - m_{110}^{(20)}m_{003}^{(21)}m_{310}^{(11)}$$
$$+2m_{110}^{(20)}m_{003}^{(21)}m_{220}^{(10)} - m_{110}^{(20)}m_{003}^{(21)}m_{130}^{(00)} + m_{110}^{(21)}m_{300}^{(10)}m_{022}^{(22)} - 2m_{110}^{(21)}m_{300}^{(10)}m_{013}^{(21)}$$
$$+m_{110}^{(21)}m_{300}^{(10)}m_{004}^{(11)} - m_{110}^{(21)}m_{300}^{(11)}m_{112}^{(22)} + m_{110}^{(21)}m_{300}^{(11)}m_{103}^{(21)} + m_{110}^{(21)}m_{300}^{(11)}m_{013}^{(20)}$$
$$-m_{110}^{(21)}m_{300}^{(11)}m_{004}^{(10)} + m_{110}^{(21)}m_{300}^{(20)}m_{031}^{(22)} - 2m_{110}^{(21)}m_{300}^{(20)}m_{022}^{(21)} + m_{110}^{(21)}m_{300}^{(20)}m_{013}^{(11)}$$
$$-m_{110}^{(21)}m_{300}^{(21)}m_{121}^{(22)} + 2m_{110}^{(21)}m_{300}^{(21)}m_{112}^{(21)} - m_{110}^{(21)}m_{300}^{(21)}m_{103}^{(11)} + m_{110}^{(21)}m_{300}^{(22)}m_{121}^{(21)}$$
$$-m_{110}^{(21)}m_{300}^{(22)}m_{112}^{(11)} - m_{110}^{(21)}m_{300}^{(22)}m_{031}^{(20)} + m_{110}^{(21)}m_{300}^{(22)}m_{022}^{(10)} + m_{110}^{(21)}m_{210}^{(00)}m_{022}^{(22)}$$
$$-2m_{110}^{(21)}m_{210}^{(00)}m_{013}^{(21)} + m_{110}^{(21)}m_{210}^{(00)}m_{004}^{(11)} - 2m_{110}^{(21)}m_{210}^{(10)}m_{112}^{(22)} + 2m_{110}^{(21)}m_{210}^{(10)}m_{103}^{(21)}$$
$$+2m_{110}^{(21)}m_{210}^{(10)}m_{013}^{(20)} - 2m_{110}^{(21)}m_{210}^{(10)}m_{004}^{(10)} + m_{110}^{(21)}m_{210}^{(11)}m_{202}^{(22)} - 2m_{110}^{(21)}m_{210}^{(11)}m_{103}^{(20)}$$
$$+m_{110}^{(21)}m_{210}^{(11)}m_{004}^{(00)} - 2m_{110}^{(21)}m_{210}^{(20)}m_{121}^{(22)} + 4m_{110}^{(21)}m_{210}^{(20)}m_{112}^{(21)} - 2m_{110}^{(21)}m_{210}^{(20)}m_{103}^{(11)}$$
$$+2m_{110}^{(21)}m_{210}^{(21)}m_{211}^{(22)} - 2m_{110}^{(21)}m_{210}^{(21)}m_{202}^{(21)} - 2m_{110}^{(21)}m_{210}^{(21)}m_{112}^{(20)} + 2m_{110}^{(21)}m_{210}^{(21)}m_{103}^{(10)}$$
$$-2m_{110}^{(21)}m_{210}^{(22)}m_{211}^{(21)} + m_{110}^{(21)}m_{210}^{(22)}m_{202}^{(11)} + 2m_{110}^{(21)}m_{210}^{(22)}m_{121}^{(20)} - m_{110}^{(21)}m_{210}^{(22)}m_{022}^{(00)}$$
$$-m_{110}^{(21)}m_{201}^{(00)}m_{031}^{(22)} + 2m_{110}^{(21)}m_{201}^{(00)}m_{022}^{(21)} - m_{110}^{(21)}m_{201}^{(00)}m_{013}^{(11)} - m_{110}^{(21)}m_{201}^{(10)}m_{121}^{(22)}$$
$$+4m_{110}^{(21)}m_{201}^{(10)}m_{112}^{(21)} - 3m_{110}^{(21)}m_{201}^{(10)}m_{103}^{(11)} - 2m_{110}^{(21)}m_{201}^{(10)}m_{022}^{(20)} + 2m_{110}^{(21)}m_{201}^{(10)}m_{013}^{(10)}$$

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\begin{aligned}
&+2m_{110}^{(21)}m_{201}^{(11)}m_{211}^{(22)} - 3m_{110}^{(21)}m_{201}^{(11)}m_{202}^{(21)} - m_{110}^{(21)}m_{201}^{(11)}m_{112}^{(20)} + 3m_{110}^{(21)}m_{201}^{(11)}m_{103}^{(10)}\\
&-m_{110}^{(21)}m_{201}^{(11)}m_{013}^{(00)} - m_{110}^{(21)}m_{201}^{(20)}m_{130}^{(22)} + 2m_{110}^{(21)}m_{201}^{(20)}m_{121}^{(21)} - m_{110}^{(21)}m_{201}^{(20)}m_{112}^{(11)}\\
&+m_{110}^{(21)}m_{201}^{(21)}m_{220}^{(22)} - 4m_{110}^{(21)}m_{201}^{(21)}m_{211}^{(21)} + 3m_{110}^{(21)}m_{201}^{(21)}m_{202}^{(11)} + 2m_{110}^{(21)}m_{201}^{(21)}m_{121}^{(20)}\\
&-2m_{110}^{(21)}m_{201}^{(21)}m_{112}^{(10)} - m_{110}^{(21)}m_{201}^{(22)}m_{220}^{(21)} + 2m_{110}^{(21)}m_{201}^{(22)}m_{211}^{(11)} + m_{110}^{(21)}m_{201}^{(22)}m_{130}^{(20)}\\
&-3m_{110}^{(21)}m_{201}^{(22)}m_{121}^{(10)} + m_{110}^{(21)}m_{201}^{(22)}m_{031}^{(00)} - m_{110}^{(21)}m_{120}^{(00)}m_{112}^{(22)} + m_{110}^{(21)}m_{120}^{(00)}m_{103}^{(21)}\\
&+m_{110}^{(21)}m_{120}^{(00)}m_{013}^{(20)} - m_{110}^{(21)}m_{120}^{(00)}m_{004}^{(10)} + m_{110}^{(21)}m_{120}^{(10)}m_{202}^{(22)} - 2m_{110}^{(21)}m_{120}^{(10)}m_{103}^{(20)}\\
&+m_{110}^{(21)}m_{120}^{(10)}m_{004}^{(00)} + m_{110}^{(21)}m_{120}^{(20)}m_{211}^{(22)} - 2m_{110}^{(21)}m_{120}^{(20)}m_{202}^{(21)} + 2m_{110}^{(21)}m_{120}^{(20)}m_{103}^{(10)}\\
&-m_{110}^{(21)}m_{120}^{(20)}m_{013}^{(00)} - m_{110}^{(21)}m_{120}^{(21)}m_{301}^{(22)} + 2m_{110}^{(21)}m_{120}^{(21)}m_{202}^{(20)} - m_{110}^{(21)}m_{120}^{(21)}m_{103}^{(00)}\\
&+m_{110}^{(21)}m_{120}^{(22)}m_{301}^{(21)} - m_{110}^{(21)}m_{120}^{(22)}m_{211}^{(20)} - m_{110}^{(21)}m_{120}^{(22)}m_{202}^{(10)} + m_{110}^{(21)}m_{120}^{(22)}m_{112}^{(00)}\\
&+2m_{110}^{(21)}m_{111}^{(00)}m_{112}^{(21)} - 2m_{110}^{(21)}m_{111}^{(00)}m_{103}^{(11)} - 2m_{110}^{(21)}m_{111}^{(00)}m_{022}^{(20)} + 2m_{110}^{(21)}m_{111}^{(00)}m_{013}^{(10)}\\
&+2m_{110}^{(21)}m_{111}^{(10)}m_{211}^{(22)} - 4m_{110}^{(21)}m_{111}^{(10)}m_{202}^{(21)} + 4m_{110}^{(21)}m_{111}^{(10)}m_{103}^{(10)} - 2m_{110}^{(21)}m_{111}^{(10)}m_{013}^{(00)}\\
&-2m_{110}^{(21)}m_{111}^{(11)}m_{301}^{(22)} + 4m_{110}^{(21)}m_{111}^{(11)}m_{202}^{(20)} - 2m_{110}^{(21)}m_{111}^{(11)}m_{103}^{(00)} + 2m_{110}^{(21)}m_{111}^{(20)}m_{220}^{(22)}\\
&-4m_{110}^{(21)}m_{111}^{(20)}m_{211}^{(21)} + 4m_{110}^{(21)}m_{111}^{(20)}m_{202}^{(11)} - 4m_{110}^{(21)}m_{111}^{(20)}m_{112}^{(10)} + 2m_{110}^{(21)}m_{111}^{(20)}m_{022}^{(00)}\\
&-2m_{110}^{(21)}m_{111}^{(21)}m_{310}^{(22)} + 4m_{110}^{(21)}m_{111}^{(21)}m_{301}^{(21)} - 4m_{110}^{(21)}m_{111}^{(21)}m_{202}^{(10)} + 2m_{110}^{(21)}m_{111}^{(21)}m_{112}^{(00)}\\
&+2m_{110}^{(21)}m_{111}^{(22)}m_{310}^{(21)} - 2m_{110}^{(21)}m_{111}^{(22)}m_{301}^{(11)} - 2m_{110}^{(21)}m_{111}^{(22)}m_{220}^{(20)} + 2m_{110}^{(21)}m_{111}^{(22)}m_{211}^{(10)}\\
&+m_{110}^{(21)}m_{102}^{(00)}m_{130}^{(22)} - 3m_{110}^{(21)}m_{102}^{(00)}m_{121}^{(21)} + 2m_{110}^{(21)}m_{102}^{(00)}m_{112}^{(11)} + m_{110}^{(21)}m_{102}^{(00)}m_{031}^{(20)}\\
&-m_{110}^{(21)}m_{102}^{(00)}m_{022}^{(10)} - 2m_{110}^{(21)}m_{102}^{(10)}m_{211}^{(21)} + 3m_{110}^{(21)}m_{102}^{(10)}m_{202}^{(11)} + 2m_{110}^{(21)}m_{102}^{(10)}m_{121}^{(20)}\\
&-4m_{110}^{(21)}m_{102}^{(10)}m_{112}^{(10)} + m_{110}^{(21)}m_{102}^{(10)}m_{022}^{(00)} - m_{110}^{(21)}m_{102}^{(11)}m_{310}^{(22)} + 3m_{110}^{(21)}m_{102}^{(11)}m_{301}^{(21)}\\
&-m_{110}^{(21)}m_{102}^{(11)}m_{211}^{(20)} - 3m_{110}^{(21)}m_{102}^{(11)}m_{202}^{(10)} + 2m_{110}^{(21)}m_{102}^{(11)}m_{112}^{(00)} - m_{110}^{(21)}m_{102}^{(20)}m_{211}^{(11)}\\
&+2m_{110}^{(21)}m_{102}^{(20)}m_{121}^{(10)} - m_{110}^{(21)}m_{102}^{(20)}m_{031}^{(00)} + 2m_{110}^{(21)}m_{102}^{(21)}m_{310}^{(21)} - 3m_{110}^{(21)}m_{102}^{(21)}m_{301}^{(11)}\\
&-2m_{110}^{(21)}m_{102}^{(21)}m_{220}^{(20)} + 4m_{110}^{(21)}m_{102}^{(21)}m_{211}^{(10)} - m_{110}^{(21)}m_{102}^{(21)}m_{121}^{(00)} - m_{110}^{(21)}m_{102}^{(22)}m_{211}^{(11)} - m_{110}^{(21)}m_{102}^{(22)}m_{310}^{(11)}\\
&+2m_{110}^{(21)}m_{102}^{(22)}m_{220}^{(10)} - m_{110}^{(21)}m_{102}^{(22)}m_{130}^{(00)} + m_{110}^{(21)}m_{021}^{(00)}m_{211}^{(22)} - m_{110}^{(21)}m_{021}^{(00)}m_{202}^{(21)}\\
&-m_{110}^{(21)}m_{021}^{(00)}m_{112}^{(20)} + m_{110}^{(21)}m_{021}^{(00)}m_{103}^{(10)} - m_{110}^{(21)}m_{021}^{(10)}m_{301}^{(22)} + 2m_{110}^{(21)}m_{021}^{(10)}m_{202}^{(20)}\\
&-m_{110}^{(21)}m_{021}^{(10)}m_{103}^{(00)} - m_{110}^{(21)}m_{021}^{(20)}m_{310}^{(22)} + 2m_{110}^{(21)}m_{021}^{(20)}m_{301}^{(21)} - 2m_{110}^{(21)}m_{021}^{(20)}m_{202}^{(10)}\\
&+m_{110}^{(21)}m_{021}^{(20)}m_{112}^{(00)} + m_{110}^{(21)}m_{021}^{(21)}m_{400}^{(22)} - 2m_{110}^{(21)}m_{021}^{(21)}m_{301}^{(20)} + m_{110}^{(21)}m_{021}^{(21)}m_{202}^{(00)}\\
&-m_{110}^{(21)}m_{021}^{(22)}m_{400}^{(21)} + m_{110}^{(21)}m_{021}^{(22)}m_{310}^{(20)} + m_{110}^{(21)}m_{021}^{(22)}m_{301}^{(10)} - m_{110}^{(21)}m_{021}^{(22)}m_{211}^{(00)}\\
&-m_{110}^{(21)}m_{012}^{(00)}m_{220}^{(22)} + m_{110}^{(21)}m_{012}^{(00)}m_{202}^{(11)} + 2m_{110}^{(21)}m_{012}^{(00)}m_{121}^{(20)} - 2m_{110}^{(21)}m_{012}^{(00)}m_{112}^{(10)}\\
&+2m_{110}^{(21)}m_{012}^{(10)}m_{301}^{(21)} - 2m_{110}^{(21)}m_{012}^{(10)}m_{211}^{(20)} - 2m_{110}^{(21)}m_{012}^{(10)}m_{202}^{(10)} + 2m_{110}^{(21)}m_{012}^{(10)}m_{112}^{(00)}\\
&+m_{110}^{(21)}m_{012}^{(11)}m_{400}^{(22)} - 2m_{110}^{(21)}m_{012}^{(11)}m_{301}^{(20)} + m_{110}^{(21)}m_{012}^{(11)}m_{202}^{(00)} - 2m_{110}^{(21)}m_{012}^{(20)}m_{301}^{(11)}\\
&+4m_{110}^{(21)}m_{012}^{(20)}m_{211}^{(10)} - 2m_{110}^{(21)}m_{012}^{(20)}m_{121}^{(00)} - 2m_{110}^{(21)}m_{012}^{(21)}m_{400}^{(21)} + 2m_{110}^{(21)}m_{012}^{(21)}m_{310}^{(20)}\\
&+2m_{110}^{(21)}m_{012}^{(21)}m_{301}^{(10)} - 2m_{110}^{(21)}m_{012}^{(21)}m_{211}^{(00)} + m_{110}^{(21)}m_{012}^{(22)}m_{400}^{(11)} - 2m_{110}^{(21)}m_{012}^{(22)}m_{310}^{(10)}\\
&+m_{110}^{(21)}m_{012}^{(22)}m_{220}^{(00)} + m_{110}^{(21)}m_{003}^{(00)}m_{220}^{(21)} - m_{110}^{(21)}m_{003}^{(00)}m_{211}^{(11)} - m_{110}^{(21)}m_{003}^{(00)}m_{130}^{(20)}\\
&+m_{110}^{(21)}m_{003}^{(00)}m_{121}^{(10)} - m_{110}^{(21)}m_{003}^{(10)}m_{301}^{(11)} + 2m_{110}^{(21)}m_{003}^{(10)}m_{211}^{(10)} - m_{110}^{(21)}m_{003}^{(10)}m_{121}^{(00)}\\
&-m_{110}^{(21)}m_{003}^{(11)}m_{400}^{(21)} + m_{110}^{(21)}m_{003}^{(11)}m_{310}^{(20)} + m_{110}^{(21)}m_{003}^{(11)}m_{301}^{(10)} - m_{110}^{(21)}m_{003}^{(11)}m_{211}^{(00)}\\
&+m_{110}^{(21)}m_{003}^{(20)}m_{310}^{(11)} - 2m_{110}^{(21)}m_{003}^{(20)}m_{220}^{(10)} + m_{110}^{(21)}m_{003}^{(20)}m_{130}^{(00)} + m_{110}^{(21)}m_{003}^{(21)}m_{400}^{(11)}\\
&-2m_{110}^{(21)}m_{003}^{(21)}m_{310}^{(10)} + m_{110}^{(21)}m_{003}^{(21)}m_{220}^{(00)} - m_{110}^{(22)}m_{300}^{(10)}m_{031}^{(22)} + 2m_{110}^{(22)}m_{300}^{(10)}m_{022}^{(21)}\\
&-m_{110}^{(22)}m_{300}^{(10)}m_{013}^{(11)} + m_{110}^{(22)}m_{300}^{(11)}m_{121}^{(22)} - m_{110}^{(22)}m_{300}^{(11)}m_{112}^{(21)} - m_{110}^{(22)}m_{300}^{(11)}m_{022}^{(20)}\\
&+m_{110}^{(22)}m_{300}^{(11)}m_{013}^{(10)} - m_{110}^{(22)}m_{300}^{(21)}m_{121}^{(21)} + m_{110}^{(22)}m_{300}^{(21)}m_{112}^{(11)} + m_{110}^{(22)}m_{300}^{(21)}m_{031}^{(20)}
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\begin{aligned}
&-m_{110}^{(22)}m_{300}^{(21)}m_{022}^{(10)} - m_{110}^{(22)}m_{210}^{(00)}m_{031}^{(22)} + 2m_{110}^{(22)}m_{210}^{(00)}m_{022}^{(21)} - m_{110}^{(22)}m_{210}^{(00)}m_{013}^{(11)}\\
&+3m_{110}^{(22)}m_{210}^{(10)}m_{121}^{(22)} - 4m_{110}^{(22)}m_{210}^{(10)}m_{112}^{(21)} + m_{110}^{(22)}m_{210}^{(10)}m_{103}^{(11)} - 2m_{110}^{(22)}m_{210}^{(10)}m_{022}^{(20)}\\
&+2m_{110}^{(22)}m_{210}^{(10)}m_{013}^{(10)} - 2m_{110}^{(22)}m_{210}^{(11)}m_{211}^{(22)} + m_{110}^{(22)}m_{210}^{(11)}m_{202}^{(21)} + 3m_{110}^{(22)}m_{210}^{(11)}m_{112}^{(20)}\\
&-m_{110}^{(22)}m_{210}^{(11)}m_{103}^{(10)} - m_{110}^{(22)}m_{210}^{(11)}m_{013}^{(00)} - m_{110}^{(22)}m_{210}^{(20)}m_{121}^{(21)} + m_{110}^{(22)}m_{210}^{(20)}m_{112}^{(11)}\\
&+m_{110}^{(22)}m_{210}^{(20)}m_{031}^{(20)} - m_{110}^{(22)}m_{210}^{(20)}m_{022}^{(10)} + 2m_{110}^{(22)}m_{210}^{(21)}m_{211}^{(21)} - m_{110}^{(22)}m_{210}^{(21)}m_{202}^{(11)}\\
&-2m_{110}^{(22)}m_{210}^{(21)}m_{121}^{(20)} + m_{110}^{(22)}m_{210}^{(21)}m_{022}^{(00)} + m_{110}^{(22)}m_{201}^{(00)}m_{040}^{(22)} - 2m_{110}^{(22)}m_{201}^{(00)}m_{031}^{(21)}\\
&+m_{110}^{(22)}m_{201}^{(00)}m_{022}^{(11)} - 2m_{110}^{(22)}m_{201}^{(10)}m_{121}^{(21)} + 2m_{110}^{(22)}m_{201}^{(10)}m_{112}^{(11)} + 2m_{110}^{(22)}m_{201}^{(10)}m_{031}^{(20)}\\
&-2m_{110}^{(22)}m_{201}^{(10)}m_{022}^{(10)} - m_{110}^{(22)}m_{201}^{(11)}m_{220}^{(22)} + 2m_{110}^{(22)}m_{201}^{(11)}m_{211}^{(21)} - 2m_{110}^{(22)}m_{201}^{(11)}m_{112}^{(10)}\\
&+m_{110}^{(22)}m_{201}^{(11)}m_{022}^{(00)} + m_{110}^{(22)}m_{201}^{(20)}m_{130}^{(21)} - m_{110}^{(22)}m_{201}^{(20)}m_{121}^{(11)} - m_{110}^{(22)}m_{201}^{(20)}m_{040}^{(20)}\\
&+m_{110}^{(22)}m_{201}^{(20)}m_{031}^{(10)} + m_{110}^{(22)}m_{201}^{(21)}m_{220}^{(21)} - 2m_{110}^{(22)}m_{201}^{(21)}m_{211}^{(11)} - m_{110}^{(22)}m_{201}^{(21)}m_{130}^{(20)}\\
&+3m_{110}^{(22)}m_{201}^{(21)}m_{121}^{(10)} - m_{110}^{(22)}m_{201}^{(21)}m_{031}^{(00)} + 2m_{110}^{(22)}m_{120}^{(00)}m_{121}^{(22)} - 3m_{110}^{(22)}m_{120}^{(00)}m_{112}^{(21)}\\
&+m_{110}^{(22)}m_{120}^{(00)}m_{103}^{(11)} - m_{110}^{(22)}m_{120}^{(00)}m_{022}^{(20)} + m_{110}^{(22)}m_{120}^{(00)}m_{013}^{(10)} - 3m_{110}^{(22)}m_{120}^{(10)}m_{211}^{(22)}\\
&+2m_{110}^{(22)}m_{120}^{(10)}m_{202}^{(21)} + 4m_{110}^{(22)}m_{120}^{(10)}m_{112}^{(20)} - 2m_{110}^{(22)}m_{120}^{(10)}m_{103}^{(10)} - m_{110}^{(22)}m_{120}^{(10)}m_{013}^{(00)}\\
&+m_{110}^{(22)}m_{120}^{(11)}m_{301}^{(22)} - 2m_{110}^{(22)}m_{120}^{(11)}m_{202}^{(20)} + m_{110}^{(22)}m_{120}^{(11)}m_{103}^{(00)} + 2m_{110}^{(22)}m_{120}^{(20)}m_{211}^{(21)}\\
&-m_{110}^{(22)}m_{120}^{(20)}m_{202}^{(11)} - 2m_{110}^{(22)}m_{120}^{(20)}m_{121}^{(20)} + m_{110}^{(22)}m_{120}^{(20)}m_{022}^{(00)} - m_{110}^{(22)}m_{120}^{(21)}m_{301}^{(21)}\\
&+m_{110}^{(22)}m_{120}^{(21)}m_{211}^{(20)} + m_{110}^{(22)}m_{120}^{(21)}m_{202}^{(10)} - m_{110}^{(22)}m_{120}^{(21)}m_{112}^{(00)} - 2m_{110}^{(22)}m_{111}^{(00)}m_{130}^{(22)}\\
&+2m_{110}^{(22)}m_{111}^{(00)}m_{121}^{(21)} + 2m_{110}^{(22)}m_{111}^{(00)}m_{031}^{(20)} - 2m_{110}^{(22)}m_{111}^{(00)}m_{022}^{(10)} + 4m_{110}^{(22)}m_{111}^{(10)}m_{211}^{(21)}\\
&-2m_{110}^{(22)}m_{111}^{(10)}m_{202}^{(11)} - 4m_{110}^{(22)}m_{111}^{(10)}m_{121}^{(20)} + 2m_{110}^{(22)}m_{111}^{(10)}m_{022}^{(00)} + 2m_{110}^{(22)}m_{111}^{(11)}m_{310}^{(22)}\\
&-2m_{110}^{(22)}m_{111}^{(11)}m_{301}^{(21)} - 2m_{110}^{(22)}m_{111}^{(11)}m_{211}^{(20)} + 2m_{110}^{(22)}m_{111}^{(11)}m_{202}^{(10)} - 2m_{110}^{(22)}m_{111}^{(20)}m_{220}^{(21)}\\
&+2m_{110}^{(22)}m_{111}^{(20)}m_{130}^{(20)} + 2m_{110}^{(22)}m_{111}^{(20)}m_{121}^{(10)} - 2m_{110}^{(22)}m_{111}^{(20)}m_{031}^{(00)} - 2m_{110}^{(22)}m_{111}^{(21)}m_{310}^{(21)}\\
&+2m_{110}^{(22)}m_{111}^{(21)}m_{301}^{(11)} + 2m_{110}^{(22)}m_{111}^{(21)}m_{220}^{(20)} - 2m_{110}^{(22)}m_{111}^{(21)}m_{211}^{(10)} + m_{110}^{(22)}m_{102}^{(00)}m_{130}^{(21)}\\
&-m_{110}^{(22)}m_{102}^{(00)}m_{121}^{(11)} - m_{110}^{(22)}m_{102}^{(00)}m_{040}^{(20)} + m_{110}^{(22)}m_{102}^{(00)}m_{031}^{(10)} - m_{110}^{(22)}m_{102}^{(10)}m_{211}^{(11)}\\
&+2m_{110}^{(22)}m_{102}^{(10)}m_{121}^{(10)} - m_{110}^{(22)}m_{102}^{(10)}m_{031}^{(00)} - m_{110}^{(22)}m_{102}^{(11)}m_{310}^{(21)} + m_{110}^{(22)}m_{102}^{(11)}m_{220}^{(20)}\\
&+m_{110}^{(22)}m_{102}^{(11)}m_{211}^{(10)} - m_{110}^{(22)}m_{102}^{(11)}m_{121}^{(00)} + m_{110}^{(22)}m_{102}^{(20)}m_{220}^{(11)} - 2m_{110}^{(22)}m_{102}^{(20)}m_{130}^{(10)}\\
&+m_{110}^{(22)}m_{102}^{(20)}m_{040}^{(00)} + m_{110}^{(22)}m_{102}^{(21)}m_{310}^{(11)} - 2m_{110}^{(22)}m_{102}^{(21)}m_{220}^{(10)} + m_{110}^{(22)}m_{102}^{(21)}m_{130}^{(00)}\\
&-m_{110}^{(22)}m_{030}^{(00)}m_{211}^{(22)} + m_{110}^{(22)}m_{030}^{(00)}m_{202}^{(21)} + m_{110}^{(22)}m_{030}^{(00)}m_{112}^{(20)} - m_{110}^{(22)}m_{030}^{(00)}m_{103}^{(10)}\\
&+m_{110}^{(22)}m_{030}^{(10)}m_{301}^{(22)} - 2m_{110}^{(22)}m_{030}^{(10)}m_{202}^{(20)} + m_{110}^{(22)}m_{030}^{(10)}m_{103}^{(00)} - m_{110}^{(22)}m_{030}^{(20)}m_{301}^{(21)}\\
&+m_{110}^{(22)}m_{030}^{(20)}m_{211}^{(20)} + m_{110}^{(22)}m_{030}^{(20)}m_{202}^{(10)} - m_{110}^{(22)}m_{030}^{(20)}m_{112}^{(00)} + m_{110}^{(22)}m_{021}^{(00)}m_{220}^{(22)}\\
&-m_{110}^{(22)}m_{021}^{(00)}m_{202}^{(11)} - 2m_{110}^{(22)}m_{021}^{(00)}m_{121}^{(20)} + 2m_{110}^{(22)}m_{021}^{(00)}m_{112}^{(10)} - 2m_{110}^{(22)}m_{021}^{(10)}m_{301}^{(21)}\\
&+2m_{110}^{(22)}m_{021}^{(10)}m_{211}^{(20)} + 2m_{110}^{(22)}m_{021}^{(10)}m_{202}^{(10)} - 2m_{110}^{(22)}m_{021}^{(10)}m_{112}^{(00)} - m_{110}^{(22)}m_{021}^{(11)}m_{400}^{(22)}\\
&+2m_{110}^{(22)}m_{021}^{(11)}m_{301}^{(20)} - m_{110}^{(22)}m_{021}^{(11)}m_{202}^{(00)} + m_{110}^{(22)}m_{021}^{(20)}m_{310}^{(21)} + m_{110}^{(22)}m_{021}^{(20)}m_{301}^{(11)}\\
&-m_{110}^{(22)}m_{021}^{(20)}m_{220}^{(20)} - 3m_{110}^{(22)}m_{021}^{(20)}m_{211}^{(10)} + 2m_{110}^{(22)}m_{021}^{(20)}m_{121}^{(00)} + m_{110}^{(22)}m_{021}^{(21)}m_{400}^{(21)}\\
&-m_{110}^{(22)}m_{021}^{(21)}m_{310}^{(20)} - m_{110}^{(22)}m_{021}^{(21)}m_{301}^{(10)} + m_{110}^{(22)}m_{021}^{(21)}m_{211}^{(00)} - m_{110}^{(22)}m_{012}^{(00)}m_{220}^{(21)}\\
&+m_{110}^{(22)}m_{012}^{(00)}m_{211}^{(11)} + m_{110}^{(22)}m_{012}^{(00)}m_{130}^{(20)} - m_{110}^{(22)}m_{012}^{(00)}m_{121}^{(10)} + m_{110}^{(22)}m_{012}^{(10)}m_{301}^{(11)}\\
&-2m_{110}^{(22)}m_{012}^{(10)}m_{211}^{(10)} + m_{110}^{(22)}m_{012}^{(10)}m_{121}^{(00)} + m_{110}^{(22)}m_{012}^{(11)}m_{400}^{(21)} - m_{110}^{(22)}m_{012}^{(11)}m_{310}^{(20)}\\
&-m_{110}^{(22)}m_{012}^{(11)}m_{301}^{(10)} + m_{110}^{(22)}m_{012}^{(11)}m_{211}^{(00)} - m_{110}^{(22)}m_{012}^{(20)}m_{310}^{(11)} + 2m_{110}^{(22)}m_{012}^{(20)}m_{220}^{(10)}\\
&-m_{110}^{(22)}m_{012}^{(20)}m_{130}^{(00)} - m_{110}^{(22)}m_{012}^{(21)}m_{400}^{(11)} + 2m_{110}^{(22)}m_{012}^{(21)}m_{310}^{(10)} - m_{110}^{(22)}m_{012}^{(21)}m_{220}^{(00)}\\
&-m_{101}^{(00)}m_{120}^{(10)}m_{022}^{(22)} + 2m_{101}^{(00)}m_{120}^{(10)}m_{013}^{(21)} - m_{101}^{(00)}m_{120}^{(10)}m_{004}^{(11)} + m_{101}^{(00)}m_{120}^{(11)}m_{112}^{(22)}
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\begin{aligned}
&-m_{101}^{(00)}m_{120}^{(11)}m_{103}^{(21)} - m_{101}^{(00)}m_{120}^{(11)}m_{013}^{(20)} + m_{101}^{(00)}m_{120}^{(11)}m_{004}^{(10)} - m_{101}^{(00)}m_{120}^{(21)}m_{112}^{(21)}\\
&+m_{101}^{(00)}m_{120}^{(21)}m_{103}^{(11)} + m_{101}^{(00)}m_{120}^{(21)}m_{022}^{(20)} - m_{101}^{(00)}m_{120}^{(21)}m_{013}^{(10)} + 2m_{101}^{(00)}m_{111}^{(10)}m_{031}^{(22)}\\
&-4m_{101}^{(00)}m_{111}^{(10)}m_{022}^{(21)} + 2m_{101}^{(00)}m_{111}^{(10)}m_{013}^{(11)} - 2m_{101}^{(00)}m_{111}^{(11)}m_{121}^{(22)} + 2m_{101}^{(00)}m_{111}^{(11)}m_{112}^{(21)}\\
&+2m_{101}^{(00)}m_{111}^{(11)}m_{022}^{(20)} - 2m_{101}^{(00)}m_{111}^{(11)}m_{013}^{(10)} + 2m_{101}^{(00)}m_{111}^{(21)}m_{121}^{(21)} - 2m_{101}^{(00)}m_{111}^{(21)}m_{112}^{(11)}\\
&-2m_{101}^{(00)}m_{111}^{(21)}m_{031}^{(20)} + 2m_{101}^{(00)}m_{111}^{(21)}m_{022}^{(10)} - m_{101}^{(00)}m_{102}^{(10)}m_{040}^{(22)} + 2m_{101}^{(00)}m_{102}^{(10)}m_{031}^{(21)}\\
&-m_{101}^{(00)}m_{102}^{(10)}m_{022}^{(11)} + m_{101}^{(00)}m_{102}^{(11)}m_{130}^{(22)} - m_{101}^{(00)}m_{102}^{(11)}m_{121}^{(21)} - m_{101}^{(00)}m_{102}^{(11)}m_{031}^{(20)}\\
&+m_{101}^{(00)}m_{102}^{(11)}m_{022}^{(10)} - m_{101}^{(00)}m_{102}^{(21)}m_{130}^{(21)} + m_{101}^{(00)}m_{102}^{(21)}m_{121}^{(11)} + m_{101}^{(00)}m_{102}^{(21)}m_{040}^{(20)}\\
&-m_{101}^{(00)}m_{102}^{(21)}m_{031}^{(10)} + m_{101}^{(00)}m_{030}^{(10)}m_{112}^{(22)} - m_{101}^{(00)}m_{030}^{(10)}m_{103}^{(21)} - m_{101}^{(00)}m_{030}^{(10)}m_{013}^{(20)}\\
&+m_{101}^{(00)}m_{030}^{(10)}m_{004}^{(10)} - m_{101}^{(00)}m_{030}^{(11)}m_{202}^{(22)} + 2m_{101}^{(00)}m_{030}^{(11)}m_{103}^{(20)} - m_{101}^{(00)}m_{030}^{(11)}m_{004}^{(00)}\\
&+m_{101}^{(00)}m_{030}^{(21)}m_{202}^{(21)} - m_{101}^{(00)}m_{030}^{(21)}m_{112}^{(20)} - m_{101}^{(00)}m_{030}^{(21)}m_{103}^{(10)} + m_{101}^{(00)}m_{030}^{(21)}m_{013}^{(00)}\\
&-2m_{101}^{(00)}m_{021}^{(10)}m_{121}^{(22)} + m_{101}^{(00)}m_{021}^{(10)}m_{112}^{(21)} + m_{101}^{(00)}m_{021}^{(10)}m_{103}^{(11)} + 3m_{101}^{(00)}m_{021}^{(10)}m_{022}^{(20)}\\
&-3m_{101}^{(00)}m_{021}^{(10)}m_{013}^{(10)} + 2m_{101}^{(00)}m_{021}^{(11)}m_{211}^{(22)} + m_{101}^{(00)}m_{021}^{(11)}m_{202}^{(21)} - 5m_{101}^{(00)}m_{021}^{(11)}m_{112}^{(20)}\\
&-m_{101}^{(00)}m_{021}^{(11)}m_{103}^{(10)} + 3m_{101}^{(00)}m_{021}^{(11)}m_{013}^{(00)} - 2m_{101}^{(00)}m_{021}^{(21)}m_{211}^{(21)} - m_{101}^{(00)}m_{021}^{(21)}m_{202}^{(11)}\\
&+2m_{101}^{(00)}m_{021}^{(21)}m_{121}^{(20)} + 4m_{101}^{(00)}m_{021}^{(21)}m_{112}^{(10)} - 3m_{101}^{(00)}m_{021}^{(21)}m_{022}^{(00)} + m_{101}^{(00)}m_{012}^{(10)}m_{130}^{(22)}\\
&+m_{101}^{(00)}m_{012}^{(10)}m_{121}^{(21)} - 2m_{101}^{(00)}m_{012}^{(10)}m_{112}^{(11)} - 3m_{101}^{(00)}m_{012}^{(10)}m_{031}^{(20)} + 3m_{101}^{(00)}m_{012}^{(10)}m_{022}^{(10)}\\
&-m_{101}^{(00)}m_{012}^{(11)}m_{220}^{(22)} - 2m_{101}^{(00)}m_{012}^{(11)}m_{211}^{(21)} + 4m_{101}^{(00)}m_{012}^{(11)}m_{121}^{(20)} + 2m_{101}^{(00)}m_{012}^{(11)}m_{112}^{(10)}\\
&-3m_{101}^{(00)}m_{012}^{(11)}m_{022}^{(00)} + m_{101}^{(00)}m_{012}^{(21)}m_{220}^{(21)} + 2m_{101}^{(00)}m_{012}^{(21)}m_{211}^{(11)} - m_{101}^{(00)}m_{012}^{(21)}m_{130}^{(20)}\\
&-5m_{101}^{(00)}m_{012}^{(21)}m_{121}^{(10)} + 3m_{101}^{(00)}m_{012}^{(21)}m_{031}^{(00)} - m_{101}^{(00)}m_{003}^{(10)}m_{130}^{(21)} + m_{101}^{(00)}m_{003}^{(10)}m_{121}^{(11)}\\
&+m_{101}^{(00)}m_{003}^{(10)}m_{040}^{(20)} - m_{101}^{(00)}m_{003}^{(10)}m_{031}^{(10)} + m_{101}^{(00)}m_{003}^{(11)}m_{220}^{(21)} - m_{101}^{(00)}m_{003}^{(11)}m_{130}^{(20)}\\
&-m_{101}^{(00)}m_{003}^{(11)}m_{121}^{(10)} + m_{101}^{(00)}m_{003}^{(11)}m_{031}^{(00)} - m_{101}^{(00)}m_{003}^{(21)}m_{220}^{(11)} + 2m_{101}^{(00)}m_{003}^{(21)}m_{130}^{(10)}\\
&-m_{101}^{(00)}m_{003}^{(21)}m_{040}^{(00)} + m_{101}^{(10)}m_{210}^{(10)}m_{022}^{(22)} - 2m_{101}^{(10)}m_{210}^{(10)}m_{013}^{(21)} + m_{101}^{(10)}m_{210}^{(10)}m_{004}^{(11)}\\
&-m_{101}^{(10)}m_{210}^{(11)}m_{112}^{(22)} + m_{101}^{(10)}m_{210}^{(11)}m_{103}^{(21)} + m_{101}^{(10)}m_{210}^{(11)}m_{013}^{(20)} - m_{101}^{(10)}m_{210}^{(11)}m_{004}^{(10)}\\
&-m_{101}^{(10)}m_{210}^{(20)}m_{031}^{(22)} + 2m_{101}^{(10)}m_{210}^{(20)}m_{022}^{(21)} - m_{101}^{(10)}m_{210}^{(20)}m_{013}^{(11)} + m_{101}^{(10)}m_{210}^{(21)}m_{121}^{(22)}\\
&-m_{101}^{(10)}m_{210}^{(21)}m_{103}^{(11)} - 2m_{101}^{(10)}m_{210}^{(21)}m_{022}^{(20)} + 2m_{101}^{(10)}m_{210}^{(21)}m_{013}^{(10)} - m_{101}^{(10)}m_{210}^{(22)}m_{121}^{(21)}\\
&+m_{101}^{(10)}m_{210}^{(22)}m_{112}^{(11)} + m_{101}^{(10)}m_{210}^{(22)}m_{031}^{(20)} - m_{101}^{(10)}m_{210}^{(22)}m_{022}^{(10)} - m_{101}^{(10)}m_{201}^{(10)}m_{031}^{(22)}\\
&+2m_{101}^{(10)}m_{201}^{(10)}m_{022}^{(21)} - m_{101}^{(10)}m_{201}^{(10)}m_{013}^{(11)} + m_{101}^{(10)}m_{201}^{(11)}m_{121}^{(22)} - m_{101}^{(10)}m_{201}^{(11)}m_{112}^{(21)}\\
&-m_{101}^{(10)}m_{201}^{(11)}m_{022}^{(20)} + m_{101}^{(10)}m_{201}^{(11)}m_{013}^{(10)} + m_{101}^{(10)}m_{201}^{(20)}m_{040}^{(22)} - 2m_{101}^{(10)}m_{201}^{(20)}m_{031}^{(21)}\\
&+m_{101}^{(10)}m_{201}^{(20)}m_{022}^{(11)} - m_{101}^{(10)}m_{201}^{(21)}m_{130}^{(22)} + m_{101}^{(10)}m_{201}^{(21)}m_{112}^{(11)} + 2m_{101}^{(10)}m_{201}^{(21)}m_{031}^{(20)}\\
&-2m_{101}^{(10)}m_{201}^{(21)}m_{022}^{(10)} + m_{101}^{(10)}m_{201}^{(22)}m_{130}^{(21)} - m_{101}^{(10)}m_{201}^{(22)}m_{121}^{(11)} - m_{101}^{(10)}m_{201}^{(22)}m_{040}^{(20)}\\
&+m_{101}^{(10)}m_{201}^{(22)}m_{031}^{(10)} + m_{101}^{(10)}m_{120}^{(00)}m_{022}^{(22)} - 2m_{101}^{(10)}m_{120}^{(00)}m_{013}^{(21)} + m_{101}^{(10)}m_{120}^{(00)}m_{004}^{(11)}\\
&-2m_{101}^{(10)}m_{120}^{(10)}m_{112}^{(22)} + 2m_{101}^{(10)}m_{120}^{(10)}m_{103}^{(21)} + 2m_{101}^{(10)}m_{120}^{(10)}m_{013}^{(20)} - 2m_{101}^{(10)}m_{120}^{(10)}m_{004}^{(10)}\\
&+m_{101}^{(10)}m_{120}^{(11)}m_{202}^{(22)} - 2m_{101}^{(10)}m_{120}^{(11)}m_{103}^{(20)} + m_{101}^{(10)}m_{120}^{(11)}m_{004}^{(00)} + 2m_{101}^{(10)}m_{120}^{(20)}m_{121}^{(22)}\\
&-2m_{101}^{(10)}m_{120}^{(20)}m_{112}^{(21)} - 2m_{101}^{(10)}m_{120}^{(20)}m_{022}^{(20)} + 2m_{101}^{(10)}m_{120}^{(20)}m_{013}^{(10)} - 2m_{101}^{(10)}m_{120}^{(21)}m_{211}^{(22)}\\
&+4m_{101}^{(10)}m_{120}^{(21)}m_{112}^{(20)} - 2m_{101}^{(10)}m_{120}^{(21)}m_{013}^{(00)} + 2m_{101}^{(10)}m_{120}^{(22)}m_{211}^{(21)} - m_{101}^{(10)}m_{120}^{(22)}m_{202}^{(11)}\\
&-2m_{101}^{(10)}m_{120}^{(22)}m_{121}^{(20)} + m_{101}^{(10)}m_{120}^{(22)}m_{022}^{(00)} - 2m_{101}^{(10)}m_{111}^{(00)}m_{031}^{(22)} + 4m_{101}^{(10)}m_{111}^{(00)}m_{022}^{(21)}\\
&-2m_{101}^{(10)}m_{111}^{(00)}m_{013}^{(11)} + 2m_{101}^{(10)}m_{111}^{(10)}m_{121}^{(22)} - 2m_{101}^{(10)}m_{111}^{(10)}m_{103}^{(11)} - 4m_{101}^{(10)}m_{111}^{(10)}m_{022}^{(20)}\\
&+4m_{101}^{(10)}m_{111}^{(10)}m_{013}^{(10)} - 2m_{101}^{(10)}m_{111}^{(11)}m_{202}^{(21)} + 2m_{101}^{(10)}m_{111}^{(11)}m_{112}^{(20)} + 2m_{101}^{(10)}m_{111}^{(11)}m_{103}^{(10)}\\
&-2m_{101}^{(10)}m_{111}^{(11)}m_{013}^{(00)} - 2m_{101}^{(10)}m_{111}^{(20)}m_{130}^{(22)} + 2m_{101}^{(10)}m_{111}^{(20)}m_{112}^{(11)} + 4m_{101}^{(10)}m_{111}^{(20)}m_{031}^{(20)}
\end{aligned}
$$

$$
\begin{aligned}
&-4m_{101}^{(10)}m_{111}^{(20)}m_{022}^{(10)} + 2m_{101}^{(10)}m_{111}^{(21)}m_{220}^{(22)} + 2m_{101}^{(10)}m_{111}^{(21)}m_{202}^{(11)} - 4m_{101}^{(10)}m_{111}^{(21)}m_{121}^{(20)}\\
&-4m_{101}^{(10)}m_{111}^{(21)}m_{112}^{(10)} + 4m_{101}^{(10)}m_{111}^{(21)}m_{022}^{(00)} - 2m_{101}^{(10)}m_{111}^{(22)}m_{220}^{(21)} + 2m_{101}^{(10)}m_{111}^{(22)}m_{130}^{(20)}\\
&+2m_{101}^{(10)}m_{111}^{(22)}m_{121}^{(10)} - 2m_{101}^{(10)}m_{111}^{(22)}m_{031}^{(00)} + m_{101}^{(10)}m_{102}^{(00)}m_{040}^{(22)} - 2m_{101}^{(10)}m_{102}^{(00)}m_{031}^{(21)}\\
&+m_{101}^{(10)}m_{102}^{(00)}m_{022}^{(11)} - 2m_{101}^{(10)}m_{102}^{(10)}m_{121}^{(21)} + 2m_{101}^{(10)}m_{102}^{(10)}m_{112}^{(11)} + 2m_{101}^{(10)}m_{102}^{(10)}m_{031}^{(20)}\\
&-2m_{101}^{(10)}m_{102}^{(10)}m_{022}^{(10)} - m_{101}^{(10)}m_{102}^{(11)}m_{220}^{(22)} + 2m_{101}^{(10)}m_{102}^{(11)}m_{211}^{(21)} - 2m_{101}^{(10)}m_{102}^{(11)}m_{112}^{(10)}\\
&+m_{101}^{(10)}m_{102}^{(11)}m_{022}^{(00)} + 2m_{101}^{(10)}m_{102}^{(20)}m_{130}^{(21)} - 2m_{101}^{(10)}m_{102}^{(20)}m_{121}^{(11)} - 2m_{101}^{(10)}m_{102}^{(20)}m_{040}^{(20)}\\
&+2m_{101}^{(10)}m_{102}^{(20)}m_{031}^{(10)} - 2m_{101}^{(10)}m_{102}^{(21)}m_{211}^{(11)} + 4m_{101}^{(10)}m_{102}^{(21)}m_{121}^{(10)} - 2m_{101}^{(10)}m_{102}^{(21)}m_{031}^{(00)}\\
&+m_{101}^{(10)}m_{102}^{(22)}m_{220}^{(11)} - 2m_{101}^{(10)}m_{102}^{(22)}m_{130}^{(10)} + m_{101}^{(10)}m_{102}^{(22)}m_{040}^{(00)} - m_{101}^{(10)}m_{030}^{(00)}m_{112}^{(22)}\\
&+m_{101}^{(10)}m_{030}^{(00)}m_{103}^{(21)} + m_{101}^{(10)}m_{030}^{(00)}m_{013}^{(20)} - m_{101}^{(10)}m_{030}^{(00)}m_{004}^{(10)} + m_{101}^{(10)}m_{030}^{(10)}m_{202}^{(22)}\\
&-2m_{101}^{(10)}m_{030}^{(10)}m_{103}^{(20)} + m_{101}^{(10)}m_{030}^{(10)}m_{004}^{(00)} - m_{101}^{(10)}m_{030}^{(20)}m_{211}^{(22)} + 2m_{101}^{(10)}m_{030}^{(20)}m_{112}^{(20)}\\
&-m_{101}^{(10)}m_{030}^{(20)}m_{013}^{(00)} + m_{101}^{(10)}m_{030}^{(21)}m_{301}^{(22)} - 2m_{101}^{(10)}m_{030}^{(21)}m_{202}^{(20)} + m_{101}^{(10)}m_{030}^{(21)}m_{103}^{(00)}\\
&-m_{101}^{(10)}m_{030}^{(22)}m_{301}^{(21)} + m_{101}^{(10)}m_{030}^{(22)}m_{211}^{(20)} + m_{101}^{(10)}m_{030}^{(22)}m_{202}^{(10)} - m_{101}^{(10)}m_{030}^{(22)}m_{112}^{(00)}\\
&+2m_{101}^{(10)}m_{021}^{(00)}m_{121}^{(22)} - m_{101}^{(10)}m_{021}^{(00)}m_{112}^{(21)} - m_{101}^{(10)}m_{021}^{(00)}m_{103}^{(11)} - 3m_{101}^{(10)}m_{021}^{(00)}m_{022}^{(20)}\\
&+3m_{101}^{(10)}m_{021}^{(00)}m_{013}^{(10)} - m_{101}^{(10)}m_{021}^{(10)}m_{211}^{(22)} - 2m_{101}^{(10)}m_{021}^{(10)}m_{202}^{(21)} + 4m_{101}^{(10)}m_{021}^{(10)}m_{112}^{(20)}\\
&+2m_{101}^{(10)}m_{021}^{(10)}m_{103}^{(10)} - 3m_{101}^{(10)}m_{021}^{(10)}m_{013}^{(00)} - m_{101}^{(10)}m_{021}^{(11)}m_{301}^{(22)} + 2m_{101}^{(10)}m_{021}^{(11)}m_{202}^{(20)}\\
&-m_{101}^{(10)}m_{021}^{(11)}m_{103}^{(00)} + m_{101}^{(10)}m_{021}^{(20)}m_{220}^{(22)} + 2m_{101}^{(10)}m_{021}^{(20)}m_{211}^{(21)} - 4m_{101}^{(10)}m_{021}^{(20)}m_{121}^{(20)}\\
&-2m_{101}^{(10)}m_{021}^{(20)}m_{112}^{(10)} + 3m_{101}^{(10)}m_{021}^{(20)}m_{022}^{(00)} - m_{101}^{(10)}m_{021}^{(21)}m_{310}^{(22)} + 2m_{101}^{(10)}m_{021}^{(21)}m_{211}^{(20)}\\
&-m_{101}^{(10)}m_{021}^{(21)}m_{112}^{(00)} + m_{101}^{(10)}m_{021}^{(22)}m_{310}^{(21)} + m_{101}^{(10)}m_{021}^{(22)}m_{301}^{(11)} - m_{101}^{(10)}m_{021}^{(22)}m_{220}^{(20)}\\
&-3m_{101}^{(10)}m_{021}^{(22)}m_{211}^{(10)} + 2m_{101}^{(10)}m_{021}^{(22)}m_{121}^{(00)} - m_{101}^{(10)}m_{012}^{(00)}m_{130}^{(22)} - m_{101}^{(10)}m_{012}^{(00)}m_{121}^{(21)}\\
&+2m_{101}^{(10)}m_{012}^{(00)}m_{112}^{(11)} + 3m_{101}^{(10)}m_{012}^{(00)}m_{031}^{(20)} - 3m_{101}^{(10)}m_{012}^{(00)}m_{022}^{(10)} + 2m_{101}^{(10)}m_{012}^{(10)}m_{211}^{(21)}\\
&+m_{101}^{(10)}m_{012}^{(10)}m_{202}^{(11)} - 2m_{101}^{(10)}m_{012}^{(10)}m_{121}^{(20)} - 4m_{101}^{(10)}m_{012}^{(10)}m_{112}^{(10)} + 3m_{101}^{(10)}m_{012}^{(10)}m_{022}^{(00)}\\
&+m_{101}^{(10)}m_{012}^{(11)}m_{310}^{(22)} + m_{101}^{(10)}m_{012}^{(11)}m_{301}^{(21)} - 3m_{101}^{(10)}m_{012}^{(11)}m_{211}^{(20)} - m_{101}^{(10)}m_{012}^{(11)}m_{202}^{(10)}\\
&+2m_{101}^{(10)}m_{012}^{(11)}m_{112}^{(00)} - 2m_{101}^{(10)}m_{012}^{(20)}m_{220}^{(21)} - m_{101}^{(10)}m_{012}^{(20)}m_{211}^{(11)} + 2m_{101}^{(10)}m_{012}^{(20)}m_{130}^{(20)}\\
&+4m_{101}^{(10)}m_{012}^{(20)}m_{121}^{(10)} - 3m_{101}^{(10)}m_{012}^{(20)}m_{031}^{(00)} - m_{101}^{(10)}m_{012}^{(21)}m_{301}^{(11)} + 2m_{101}^{(10)}m_{012}^{(21)}m_{211}^{(10)}\\
&-m_{101}^{(10)}m_{012}^{(21)}m_{121}^{(00)} - m_{101}^{(10)}m_{012}^{(22)}m_{310}^{(11)} + 2m_{101}^{(10)}m_{012}^{(22)}m_{220}^{(10)} - m_{101}^{(10)}m_{012}^{(22)}m_{130}^{(00)}\\
&+m_{101}^{(10)}m_{003}^{(00)}m_{130}^{(21)} - m_{101}^{(10)}m_{003}^{(00)}m_{121}^{(11)} - m_{101}^{(10)}m_{003}^{(00)}m_{040}^{(20)} + m_{101}^{(10)}m_{003}^{(00)}m_{031}^{(10)}\\
&-m_{101}^{(10)}m_{003}^{(10)}m_{211}^{(11)} + 2m_{101}^{(10)}m_{003}^{(10)}m_{121}^{(10)} - m_{101}^{(10)}m_{003}^{(10)}m_{031}^{(00)} - m_{101}^{(10)}m_{003}^{(11)}m_{310}^{(21)}\\
&+m_{101}^{(10)}m_{003}^{(11)}m_{220}^{(20)} + m_{101}^{(10)}m_{003}^{(11)}m_{211}^{(10)} - m_{101}^{(10)}m_{003}^{(11)}m_{121}^{(00)} + m_{101}^{(10)}m_{003}^{(20)}m_{220}^{(11)}\\
&-2m_{101}^{(10)}m_{003}^{(20)}m_{130}^{(10)} + m_{101}^{(10)}m_{003}^{(20)}m_{040}^{(00)} + m_{101}^{(10)}m_{003}^{(21)}m_{310}^{(11)} - 2m_{101}^{(10)}m_{003}^{(21)}m_{220}^{(10)}\\
&+m_{101}^{(10)}m_{003}^{(21)}m_{130}^{(00)} + m_{101}^{(11)}m_{300}^{(20)}m_{031}^{(22)} - 2m_{101}^{(11)}m_{300}^{(20)}m_{022}^{(21)} + m_{101}^{(11)}m_{300}^{(20)}m_{013}^{(11)}\\
&-m_{101}^{(11)}m_{300}^{(21)}m_{121}^{(22)} + m_{101}^{(11)}m_{300}^{(21)}m_{112}^{(21)} + m_{101}^{(11)}m_{300}^{(21)}m_{022}^{(20)} - m_{101}^{(11)}m_{300}^{(21)}m_{013}^{(10)}\\
&+m_{101}^{(11)}m_{300}^{(22)}m_{121}^{(21)} - m_{101}^{(11)}m_{300}^{(22)}m_{112}^{(11)} - m_{101}^{(11)}m_{300}^{(22)}m_{031}^{(20)} + m_{101}^{(11)}m_{300}^{(22)}m_{022}^{(10)}\\
&-m_{101}^{(11)}m_{210}^{(00)}m_{022}^{(22)} + 2m_{101}^{(11)}m_{210}^{(00)}m_{013}^{(21)} - m_{101}^{(11)}m_{210}^{(00)}m_{004}^{(11)} + m_{101}^{(11)}m_{210}^{(10)}m_{112}^{(22)}\\
&-m_{101}^{(11)}m_{210}^{(10)}m_{103}^{(21)} - m_{101}^{(11)}m_{210}^{(10)}m_{013}^{(20)} + m_{101}^{(11)}m_{210}^{(10)}m_{004}^{(10)} - 2m_{101}^{(11)}m_{210}^{(20)}m_{121}^{(22)}\\
&+2m_{101}^{(11)}m_{210}^{(20)}m_{112}^{(21)} + 2m_{101}^{(11)}m_{210}^{(20)}m_{022}^{(20)} - 2m_{101}^{(11)}m_{210}^{(20)}m_{013}^{(10)} + 2m_{101}^{(11)}m_{210}^{(21)}m_{211}^{(22)}\\
&-m_{101}^{(11)}m_{210}^{(21)}m_{202}^{(21)} - 3m_{101}^{(11)}m_{210}^{(21)}m_{112}^{(20)} + m_{101}^{(11)}m_{210}^{(21)}m_{103}^{(10)} + m_{101}^{(11)}m_{210}^{(21)}m_{013}^{(00)}\\
&-2m_{101}^{(11)}m_{210}^{(22)}m_{211}^{(21)} + m_{101}^{(11)}m_{210}^{(22)}m_{202}^{(11)} + 2m_{101}^{(11)}m_{210}^{(22)}m_{121}^{(20)} - m_{101}^{(11)}m_{210}^{(22)}m_{022}^{(00)}\\
&+m_{101}^{(11)}m_{201}^{(00)}m_{031}^{(22)} - 2m_{101}^{(11)}m_{201}^{(00)}m_{022}^{(21)} + m_{101}^{(11)}m_{201}^{(00)}m_{013}^{(11)} - m_{101}^{(11)}m_{201}^{(10)}m_{121}^{(22)}
\end{aligned}
$$

$$+m_{101}^{(11)}m_{201}^{(10)}m_{112}^{(21)}+m_{101}^{(11)}m_{201}^{(10)}m_{022}^{(20)}-m_{101}^{(11)}m_{201}^{(10)}m_{013}^{(10)}-m_{101}^{(11)}m_{201}^{(20)}m_{130}^{(22)}$$
$$+4m_{101}^{(11)}m_{201}^{(20)}m_{121}^{(21)}-3m_{101}^{(11)}m_{201}^{(20)}m_{112}^{(11)}-2m_{101}^{(11)}m_{201}^{(20)}m_{031}^{(20)}+2m_{101}^{(11)}m_{201}^{(20)}m_{022}^{(10)}$$
$$+m_{101}^{(11)}m_{201}^{(21)}m_{220}^{(22)}-2m_{101}^{(11)}m_{201}^{(21)}m_{211}^{(21)}+2m_{101}^{(11)}m_{201}^{(21)}m_{112}^{(10)}-m_{101}^{(11)}m_{201}^{(21)}m_{022}^{(00)}$$
$$-m_{101}^{(11)}m_{201}^{(22)}m_{220}^{(21)}+2m_{101}^{(11)}m_{201}^{(22)}m_{211}^{(11)}+m_{101}^{(11)}m_{201}^{(22)}m_{130}^{(20)}-3m_{101}^{(11)}m_{201}^{(22)}m_{121}^{(10)}$$
$$+m_{101}^{(11)}m_{201}^{(22)}m_{031}^{(00)}+m_{101}^{(11)}m_{120}^{(00)}m_{112}^{(22)}-m_{101}^{(11)}m_{120}^{(00)}m_{103}^{(21)}-m_{101}^{(11)}m_{120}^{(00)}m_{013}^{(20)}$$
$$+m_{101}^{(11)}m_{120}^{(00)}m_{004}^{(10)}-m_{101}^{(11)}m_{120}^{(10)}m_{202}^{(22)}+2m_{101}^{(11)}m_{120}^{(10)}m_{103}^{(20)}-m_{101}^{(11)}m_{120}^{(10)}m_{004}^{(00)}$$
$$+m_{101}^{(11)}m_{120}^{(20)}m_{211}^{(22)}-2m_{101}^{(11)}m_{120}^{(20)}m_{112}^{(20)}+m_{101}^{(11)}m_{120}^{(20)}m_{013}^{(00)}-m_{101}^{(11)}m_{120}^{(21)}m_{301}^{(22)}$$
$$+2m_{101}^{(11)}m_{120}^{(21)}m_{202}^{(20)}-m_{101}^{(11)}m_{120}^{(21)}m_{103}^{(00)}+m_{101}^{(11)}m_{120}^{(22)}m_{301}^{(21)}-m_{101}^{(11)}m_{120}^{(22)}m_{211}^{(20)}$$
$$-m_{101}^{(11)}m_{120}^{(22)}m_{202}^{(10)}+m_{101}^{(11)}m_{120}^{(22)}m_{112}^{(00)}-2m_{101}^{(11)}m_{111}^{(00)}m_{112}^{(21)}+2m_{101}^{(11)}m_{111}^{(00)}m_{103}^{(11)}$$
$$+2m_{101}^{(11)}m_{111}^{(00)}m_{022}^{(20)}-2m_{101}^{(11)}m_{111}^{(00)}m_{013}^{(10)}+2m_{101}^{(11)}m_{111}^{(10)}m_{202}^{(21)}-2m_{101}^{(11)}m_{111}^{(10)}m_{112}^{(20)}$$
$$-2m_{101}^{(11)}m_{111}^{(10)}m_{103}^{(10)}+2m_{101}^{(11)}m_{111}^{(10)}m_{013}^{(00)}+2m_{101}^{(11)}m_{111}^{(20)}m_{220}^{(22)}-4m_{101}^{(11)}m_{111}^{(20)}m_{211}^{(21)}$$
$$+4m_{101}^{(11)}m_{111}^{(20)}m_{112}^{(10)}-2m_{101}^{(11)}m_{111}^{(20)}m_{022}^{(00)}-2m_{101}^{(11)}m_{111}^{(21)}m_{310}^{(22)}+2m_{101}^{(11)}m_{111}^{(21)}m_{301}^{(21)}$$
$$+2m_{101}^{(11)}m_{111}^{(21)}m_{211}^{(20)}-2m_{101}^{(11)}m_{111}^{(21)}m_{202}^{(10)}+2m_{101}^{(11)}m_{111}^{(22)}m_{310}^{(21)}-2m_{101}^{(11)}m_{111}^{(22)}m_{301}^{(11)}$$
$$-2m_{101}^{(11)}m_{111}^{(22)}m_{220}^{(20)}+2m_{101}^{(11)}m_{111}^{(22)}m_{211}^{(10)}-m_{101}^{(11)}m_{102}^{(00)}m_{130}^{(22)}+3m_{101}^{(11)}m_{102}^{(00)}m_{121}^{(21)}$$
$$-2m_{101}^{(11)}m_{102}^{(00)}m_{112}^{(11)}-m_{101}^{(11)}m_{102}^{(00)}m_{031}^{(20)}+m_{101}^{(11)}m_{102}^{(00)}m_{022}^{(10)}+m_{101}^{(11)}m_{102}^{(10)}m_{220}^{(22)}$$
$$-2m_{101}^{(11)}m_{102}^{(10)}m_{211}^{(21)}+2m_{101}^{(11)}m_{102}^{(10)}m_{112}^{(10)}-m_{101}^{(11)}m_{102}^{(10)}m_{022}^{(00)}-2m_{101}^{(11)}m_{102}^{(20)}m_{220}^{(21)}$$
$$+3m_{101}^{(11)}m_{102}^{(20)}m_{211}^{(11)}+2m_{101}^{(11)}m_{102}^{(20)}m_{130}^{(20)}-4m_{101}^{(11)}m_{102}^{(20)}m_{121}^{(10)}+m_{101}^{(11)}m_{102}^{(20)}m_{031}^{(00)}$$
$$+m_{101}^{(11)}m_{102}^{(21)}m_{310}^{(21)}-m_{101}^{(11)}m_{102}^{(21)}m_{220}^{(20)}-m_{101}^{(11)}m_{102}^{(21)}m_{211}^{(10)}+m_{101}^{(11)}m_{102}^{(21)}m_{121}^{(00)}$$
$$-m_{101}^{(11)}m_{102}^{(22)}m_{310}^{(11)}+2m_{101}^{(11)}m_{102}^{(22)}m_{220}^{(10)}-m_{101}^{(11)}m_{102}^{(22)}m_{130}^{(00)}-m_{101}^{(11)}m_{021}^{(00)}m_{211}^{(22)}$$
$$+m_{101}^{(11)}m_{021}^{(00)}m_{202}^{(21)}+m_{101}^{(11)}m_{021}^{(00)}m_{112}^{(20)}-m_{101}^{(11)}m_{021}^{(00)}m_{103}^{(10)}+m_{101}^{(11)}m_{021}^{(10)}m_{301}^{(22)}$$
$$-2m_{101}^{(11)}m_{021}^{(10)}m_{202}^{(20)}+m_{101}^{(11)}m_{021}^{(10)}m_{103}^{(00)}-m_{101}^{(11)}m_{021}^{(20)}m_{310}^{(22)}+2m_{101}^{(11)}m_{021}^{(20)}m_{211}^{(20)}$$
$$-m_{101}^{(11)}m_{021}^{(20)}m_{112}^{(00)}+m_{101}^{(11)}m_{021}^{(21)}m_{400}^{(22)}-2m_{101}^{(11)}m_{021}^{(21)}m_{301}^{(20)}+m_{101}^{(11)}m_{021}^{(21)}m_{202}^{(00)}$$
$$-m_{101}^{(11)}m_{021}^{(22)}m_{400}^{(21)}+m_{101}^{(11)}m_{021}^{(22)}m_{310}^{(20)}+m_{101}^{(11)}m_{021}^{(22)}m_{301}^{(10)}-m_{101}^{(11)}m_{021}^{(22)}m_{211}^{(00)}$$
$$+m_{101}^{(11)}m_{012}^{(00)}m_{220}^{(22)}-m_{101}^{(11)}m_{012}^{(00)}m_{202}^{(11)}-2m_{101}^{(11)}m_{012}^{(00)}m_{121}^{(20)}+2m_{101}^{(11)}m_{012}^{(00)}m_{112}^{(10)}$$
$$-m_{101}^{(11)}m_{012}^{(10)}m_{310}^{(22)}-m_{101}^{(11)}m_{012}^{(10)}m_{301}^{(21)}+3m_{101}^{(11)}m_{012}^{(10)}m_{211}^{(20)}+m_{101}^{(11)}m_{012}^{(10)}m_{202}^{(10)}$$
$$-2m_{101}^{(11)}m_{012}^{(10)}m_{112}^{(00)}+2m_{101}^{(11)}m_{012}^{(20)}m_{310}^{(21)}-2m_{101}^{(11)}m_{012}^{(20)}m_{220}^{(20)}-2m_{101}^{(11)}m_{012}^{(20)}m_{211}^{(10)}$$
$$+2m_{101}^{(11)}m_{012}^{(20)}m_{121}^{(00)}-m_{101}^{(11)}m_{012}^{(21)}m_{400}^{(21)}+m_{101}^{(11)}m_{012}^{(21)}m_{310}^{(20)}+m_{101}^{(11)}m_{012}^{(21)}m_{301}^{(10)}$$
$$-m_{101}^{(11)}m_{012}^{(21)}m_{211}^{(00)}+m_{101}^{(11)}m_{012}^{(22)}m_{400}^{(11)}-2m_{101}^{(11)}m_{012}^{(22)}m_{310}^{(10)}+m_{101}^{(11)}m_{012}^{(22)}m_{220}^{(00)}$$
$$-m_{101}^{(11)}m_{003}^{(00)}m_{220}^{(21)}+m_{101}^{(11)}m_{003}^{(00)}m_{211}^{(11)}+m_{101}^{(11)}m_{003}^{(00)}m_{130}^{(20)}-m_{101}^{(11)}m_{003}^{(00)}m_{121}^{(10)}$$
$$+m_{101}^{(11)}m_{003}^{(10)}m_{310}^{(21)}-m_{101}^{(11)}m_{003}^{(10)}m_{220}^{(20)}-m_{101}^{(11)}m_{003}^{(10)}m_{211}^{(10)}+m_{101}^{(11)}m_{003}^{(10)}m_{121}^{(00)}$$
$$-m_{101}^{(11)}m_{003}^{(20)}m_{310}^{(11)}+2m_{101}^{(11)}m_{003}^{(20)}m_{220}^{(10)}-m_{101}^{(11)}m_{003}^{(20)}m_{130}^{(00)}-m_{101}^{(21)}m_{300}^{(10)}m_{031}^{(22)}$$
$$+2m_{101}^{(21)}m_{300}^{(10)}m_{022}^{(21)}-m_{101}^{(21)}m_{300}^{(10)}m_{013}^{(11)}+m_{101}^{(21)}m_{300}^{(11)}m_{121}^{(22)}-m_{101}^{(21)}m_{300}^{(11)}m_{112}^{(21)}$$
$$-m_{101}^{(21)}m_{300}^{(11)}m_{022}^{(20)}+m_{101}^{(21)}m_{300}^{(11)}m_{013}^{(10)}-m_{101}^{(21)}m_{300}^{(20)}m_{040}^{(22)}+2m_{101}^{(21)}m_{300}^{(20)}m_{031}^{(21)}$$
$$-m_{101}^{(21)}m_{300}^{(20)}m_{022}^{(11)}+m_{101}^{(21)}m_{300}^{(21)}m_{130}^{(22)}-2m_{101}^{(21)}m_{300}^{(21)}m_{121}^{(21)}+m_{101}^{(21)}m_{300}^{(21)}m_{112}^{(11)}$$
$$-m_{101}^{(21)}m_{300}^{(22)}m_{130}^{(21)}+m_{101}^{(21)}m_{300}^{(22)}m_{121}^{(11)}+m_{101}^{(21)}m_{300}^{(22)}m_{040}^{(20)}-m_{101}^{(21)}m_{300}^{(22)}m_{031}^{(10)}$$
$$+m_{101}^{(21)}m_{210}^{(00)}m_{031}^{(22)}-2m_{101}^{(21)}m_{210}^{(00)}m_{022}^{(21)}+m_{101}^{(21)}m_{210}^{(00)}m_{013}^{(11)}+m_{101}^{(21)}m_{210}^{(10)}m_{121}^{(22)}$$
$$-2m_{101}^{(21)}m_{210}^{(10)}m_{112}^{(21)}+m_{101}^{(21)}m_{210}^{(10)}m_{103}^{(11)}-2m_{101}^{(21)}m_{210}^{(11)}m_{211}^{(22)}+m_{101}^{(21)}m_{210}^{(11)}m_{202}^{(21)}$$
$$+3m_{101}^{(21)}m_{210}^{(11)}m_{112}^{(20)}-m_{101}^{(21)}m_{210}^{(11)}m_{103}^{(10)}-m_{101}^{(21)}m_{210}^{(11)}m_{013}^{(00)}+3m_{101}^{(21)}m_{210}^{(20)}m_{130}^{(22)}$$

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\begin{aligned}
&-4m_{101}^{(21)}m_{210}^{(20)}m_{121}^{(21)} + m_{101}^{(21)}m_{210}^{(20)}m_{112}^{(11)} - 2m_{101}^{(21)}m_{210}^{(20)}m_{031}^{(20)} + 2m_{101}^{(21)}m_{210}^{(20)}m_{022}^{(10)}\\
&-3m_{101}^{(21)}m_{210}^{(21)}m_{220}^{(22)} + 4m_{101}^{(21)}m_{210}^{(21)}m_{211}^{(21)} - m_{101}^{(21)}m_{210}^{(21)}m_{202}^{(11)} + 2m_{101}^{(21)}m_{210}^{(21)}m_{121}^{(20)}\\
&-2m_{101}^{(21)}m_{210}^{(21)}m_{112}^{(10)} + 3m_{101}^{(21)}m_{210}^{(22)}m_{220}^{(21)} - 2m_{101}^{(21)}m_{210}^{(22)}m_{211}^{(11)} - 3m_{101}^{(21)}m_{210}^{(22)}m_{130}^{(20)}\\
&+m_{101}^{(21)}m_{210}^{(22)}m_{121}^{(10)} + m_{101}^{(21)}m_{210}^{(22)}m_{031}^{(00)} - m_{101}^{(21)}m_{201}^{(00)}m_{040}^{(22)} + 2m_{101}^{(21)}m_{201}^{(00)}m_{031}^{(21)}\\
&-m_{101}^{(21)}m_{201}^{(00)}m_{022}^{(11)} + 2m_{101}^{(21)}m_{201}^{(10)}m_{130}^{(22)} - 4m_{101}^{(21)}m_{201}^{(10)}m_{121}^{(21)} + 2m_{101}^{(21)}m_{201}^{(10)}m_{112}^{(11)}\\
&-m_{101}^{(21)}m_{201}^{(11)}m_{220}^{(22)} + 2m_{101}^{(21)}m_{201}^{(11)}m_{211}^{(21)} - 2m_{101}^{(21)}m_{201}^{(11)}m_{112}^{(10)} + m_{101}^{(21)}m_{201}^{(11)}m_{022}^{(00)}\\
&-2m_{101}^{(21)}m_{201}^{(20)}m_{130}^{(21)} + 2m_{101}^{(21)}m_{201}^{(20)}m_{121}^{(11)} + 2m_{101}^{(21)}m_{201}^{(20)}m_{040}^{(20)} - 2m_{101}^{(21)}m_{201}^{(20)}m_{031}^{(10)}\\
&+2m_{101}^{(21)}m_{201}^{(21)}m_{220}^{(21)} - 2m_{101}^{(21)}m_{201}^{(21)}m_{211}^{(11)} - 2m_{101}^{(21)}m_{201}^{(21)}m_{130}^{(20)} + 2m_{101}^{(21)}m_{201}^{(21)}m_{121}^{(10)}\\
&-m_{101}^{(21)}m_{201}^{(22)}m_{220}^{(11)} + 2m_{101}^{(21)}m_{201}^{(22)}m_{130}^{(10)} - m_{101}^{(21)}m_{201}^{(22)}m_{040}^{(00)} - 2m_{101}^{(21)}m_{120}^{(00)}m_{121}^{(22)}\\
&+3m_{101}^{(21)}m_{120}^{(00)}m_{112}^{(21)} - m_{101}^{(21)}m_{120}^{(00)}m_{103}^{(11)} + m_{101}^{(21)}m_{120}^{(00)}m_{022}^{(20)} - m_{101}^{(21)}m_{120}^{(00)}m_{013}^{(10)}\\
&+m_{101}^{(21)}m_{120}^{(10)}m_{211}^{(22)} - 2m_{101}^{(21)}m_{120}^{(10)}m_{112}^{(20)} + m_{101}^{(21)}m_{120}^{(10)}m_{013}^{(00)} + m_{101}^{(21)}m_{120}^{(11)}m_{301}^{(22)}\\
&-2m_{101}^{(21)}m_{120}^{(11)}m_{202}^{(20)} + m_{101}^{(21)}m_{120}^{(11)}m_{103}^{(00)} - 3m_{101}^{(21)}m_{120}^{(20)}m_{220}^{(22)} + 2m_{101}^{(21)}m_{120}^{(20)}m_{211}^{(21)}\\
&+4m_{101}^{(21)}m_{120}^{(20)}m_{121}^{(20)} - 2m_{101}^{(21)}m_{120}^{(20)}m_{112}^{(10)} - m_{101}^{(21)}m_{120}^{(20)}m_{022}^{(00)} + 3m_{101}^{(21)}m_{120}^{(21)}m_{310}^{(22)}\\
&-2m_{101}^{(21)}m_{120}^{(21)}m_{301}^{(21)} - 4m_{101}^{(21)}m_{120}^{(21)}m_{211}^{(20)} + 2m_{101}^{(21)}m_{120}^{(21)}m_{202}^{(10)} + m_{101}^{(21)}m_{120}^{(21)}m_{112}^{(00)}\\
&-3m_{101}^{(21)}m_{120}^{(22)}m_{310}^{(21)} + m_{101}^{(21)}m_{120}^{(22)}m_{301}^{(11)} + 3m_{101}^{(21)}m_{120}^{(22)}m_{220}^{(20)} + m_{101}^{(21)}m_{120}^{(22)}m_{211}^{(10)}\\
&-2m_{101}^{(21)}m_{120}^{(22)}m_{121}^{(00)} + 2m_{101}^{(21)}m_{111}^{(00)}m_{130}^{(22)} - 2m_{101}^{(21)}m_{111}^{(00)}m_{121}^{(21)} - 2m_{101}^{(21)}m_{111}^{(00)}m_{031}^{(20)}\\
&+2m_{101}^{(21)}m_{111}^{(00)}m_{022}^{(10)} - 4m_{101}^{(21)}m_{111}^{(10)}m_{220}^{(22)} + 4m_{101}^{(21)}m_{111}^{(10)}m_{211}^{(21)} - 2m_{101}^{(21)}m_{111}^{(10)}m_{202}^{(11)}\\
&+4m_{101}^{(21)}m_{111}^{(10)}m_{121}^{(20)} - 2m_{101}^{(21)}m_{111}^{(10)}m_{022}^{(00)} + 2m_{101}^{(21)}m_{111}^{(11)}m_{310}^{(22)} - 2m_{101}^{(21)}m_{111}^{(11)}m_{301}^{(21)}\\
&-2m_{101}^{(21)}m_{111}^{(11)}m_{211}^{(20)} + 2m_{101}^{(21)}m_{111}^{(11)}m_{202}^{(10)} + 4m_{101}^{(21)}m_{111}^{(20)}m_{220}^{(21)} - 2m_{101}^{(21)}m_{111}^{(20)}m_{211}^{(11)}\\
&-4m_{101}^{(21)}m_{111}^{(20)}m_{130}^{(20)} + 2m_{101}^{(21)}m_{111}^{(20)}m_{031}^{(00)} - 4m_{101}^{(21)}m_{111}^{(21)}m_{310}^{(21)} + 2m_{101}^{(21)}m_{111}^{(21)}m_{301}^{(11)}\\
&+4m_{101}^{(21)}m_{111}^{(21)}m_{220}^{(20)} - 2m_{101}^{(21)}m_{111}^{(21)}m_{121}^{(00)} + 2m_{101}^{(21)}m_{111}^{(22)}m_{310}^{(11)} - 4m_{101}^{(21)}m_{111}^{(22)}m_{220}^{(10)}\\
&+2m_{101}^{(21)}m_{111}^{(22)}m_{130}^{(00)} - m_{101}^{(21)}m_{102}^{(00)}m_{130}^{(21)} + m_{101}^{(21)}m_{102}^{(00)}m_{121}^{(11)} + m_{101}^{(21)}m_{102}^{(00)}m_{040}^{(20)}\\
&-m_{101}^{(21)}m_{102}^{(00)}m_{031}^{(10)} + 2m_{101}^{(21)}m_{102}^{(10)}m_{220}^{(21)} - m_{101}^{(21)}m_{102}^{(10)}m_{211}^{(11)} - 2m_{101}^{(21)}m_{102}^{(10)}m_{130}^{(20)}\\
&+m_{101}^{(21)}m_{102}^{(10)}m_{031}^{(00)} - m_{101}^{(21)}m_{102}^{(11)}m_{310}^{(21)} + m_{101}^{(21)}m_{102}^{(11)}m_{220}^{(20)} + m_{101}^{(21)}m_{102}^{(11)}m_{211}^{(10)}\\
&-m_{101}^{(21)}m_{102}^{(11)}m_{121}^{(00)} - m_{101}^{(21)}m_{102}^{(20)}m_{220}^{(11)} + 2m_{101}^{(21)}m_{102}^{(20)}m_{130}^{(10)} - m_{101}^{(21)}m_{102}^{(20)}m_{040}^{(00)}\\
&+m_{101}^{(21)}m_{102}^{(21)}m_{310}^{(11)} - 2m_{101}^{(21)}m_{102}^{(21)}m_{220}^{(10)} + m_{101}^{(21)}m_{102}^{(21)}m_{130}^{(00)} + m_{101}^{(21)}m_{030}^{(00)}m_{211}^{(22)}\\
&-m_{101}^{(21)}m_{030}^{(00)}m_{202}^{(21)} - m_{101}^{(21)}m_{030}^{(00)}m_{112}^{(20)} + m_{101}^{(21)}m_{030}^{(00)}m_{103}^{(10)} - m_{101}^{(21)}m_{030}^{(10)}m_{301}^{(22)}\\
&+2m_{101}^{(21)}m_{030}^{(10)}m_{202}^{(20)} - m_{101}^{(21)}m_{030}^{(10)}m_{103}^{(00)} + m_{101}^{(21)}m_{030}^{(20)}m_{310}^{(22)} - 2m_{101}^{(21)}m_{030}^{(20)}m_{211}^{(20)}\\
&+m_{101}^{(21)}m_{030}^{(20)}m_{112}^{(00)} - m_{101}^{(21)}m_{030}^{(21)}m_{400}^{(22)} + 2m_{101}^{(21)}m_{030}^{(21)}m_{301}^{(20)} - m_{101}^{(21)}m_{030}^{(21)}m_{202}^{(00)}\\
&+m_{101}^{(21)}m_{030}^{(22)}m_{400}^{(21)} - m_{101}^{(21)}m_{030}^{(22)}m_{310}^{(20)} - m_{101}^{(21)}m_{030}^{(22)}m_{301}^{(10)} + m_{101}^{(21)}m_{030}^{(22)}m_{211}^{(00)}\\
&-m_{101}^{(21)}m_{021}^{(00)}m_{220}^{(22)} + m_{101}^{(21)}m_{021}^{(00)}m_{202}^{(11)} + 2m_{101}^{(21)}m_{021}^{(00)}m_{121}^{(20)} - 2m_{101}^{(21)}m_{021}^{(00)}m_{112}^{(10)}\\
&+2m_{101}^{(21)}m_{021}^{(10)}m_{310}^{(22)} - 4m_{101}^{(21)}m_{021}^{(10)}m_{211}^{(20)} + 2m_{101}^{(21)}m_{021}^{(10)}m_{112}^{(00)} - m_{101}^{(21)}m_{021}^{(11)}m_{400}^{(22)}\\
&+2m_{101}^{(21)}m_{021}^{(11)}m_{301}^{(20)} - m_{101}^{(21)}m_{021}^{(11)}m_{202}^{(00)} - 2m_{101}^{(21)}m_{021}^{(20)}m_{310}^{(21)} + 2m_{101}^{(21)}m_{021}^{(20)}m_{220}^{(20)}\\
&+2m_{101}^{(21)}m_{021}^{(20)}m_{211}^{(10)} - 2m_{101}^{(21)}m_{021}^{(20)}m_{121}^{(00)} + 2m_{101}^{(21)}m_{021}^{(21)}m_{400}^{(21)} - 2m_{101}^{(21)}m_{021}^{(21)}m_{310}^{(20)}\\
&-2m_{101}^{(21)}m_{021}^{(21)}m_{301}^{(10)} + 2m_{101}^{(21)}m_{021}^{(21)}m_{211}^{(00)} - m_{101}^{(21)}m_{021}^{(22)}m_{400}^{(11)} + 2m_{101}^{(21)}m_{021}^{(22)}m_{310}^{(10)}\\
&-m_{101}^{(21)}m_{021}^{(22)}m_{220}^{(00)} + m_{101}^{(21)}m_{012}^{(00)}m_{220}^{(21)} - m_{101}^{(21)}m_{012}^{(00)}m_{211}^{(11)} - m_{101}^{(21)}m_{012}^{(00)}m_{130}^{(20)}\\
&+m_{101}^{(21)}m_{012}^{(00)}m_{121}^{(10)} - 2m_{101}^{(21)}m_{012}^{(10)}m_{310}^{(21)} + m_{101}^{(21)}m_{012}^{(10)}m_{301}^{(11)} + 2m_{101}^{(21)}m_{012}^{(10)}m_{220}^{(20)}\\
&-m_{101}^{(21)}m_{012}^{(10)}m_{121}^{(00)} + m_{101}^{(21)}m_{012}^{(11)}m_{400}^{(21)} - m_{101}^{(21)}m_{012}^{(11)}m_{310}^{(20)} - m_{101}^{(21)}m_{012}^{(11)}m_{301}^{(10)}
\end{aligned}
$$

$$+m_{101}^{(21)}m_{012}^{(11)}m_{211}^{(00)}+m_{101}^{(21)}m_{012}^{(20)}m_{310}^{(11)}-2m_{101}^{(21)}m_{012}^{(20)}m_{220}^{(10)}+m_{101}^{(21)}m_{012}^{(20)}m_{130}^{(00)}$$
$$-m_{101}^{(21)}m_{012}^{(21)}m_{400}^{(11)}+2m_{101}^{(21)}m_{012}^{(21)}m_{310}^{(10)}-m_{101}^{(21)}m_{012}^{(21)}m_{220}^{(00)}+m_{101}^{(22)}m_{300}^{(10)}m_{040}^{(22)}$$
$$-2m_{101}^{(22)}m_{300}^{(10)}m_{031}^{(21)}+m_{101}^{(22)}m_{300}^{(10)}m_{022}^{(11)}-m_{101}^{(22)}m_{300}^{(11)}m_{130}^{(22)}+m_{101}^{(22)}m_{300}^{(11)}m_{121}^{(21)}$$
$$+m_{101}^{(22)}m_{300}^{(11)}m_{031}^{(20)}-m_{101}^{(22)}m_{300}^{(11)}m_{022}^{(10)}+m_{101}^{(22)}m_{300}^{(21)}m_{130}^{(21)}-m_{101}^{(22)}m_{300}^{(21)}m_{121}^{(11)}$$
$$-m_{101}^{(22)}m_{300}^{(21)}m_{040}^{(20)}+m_{101}^{(22)}m_{300}^{(21)}m_{031}^{(10)}-3m_{101}^{(22)}m_{210}^{(10)}m_{130}^{(22)}+5m_{101}^{(22)}m_{210}^{(10)}m_{121}^{(21)}$$
$$-2m_{101}^{(22)}m_{210}^{(10)}m_{112}^{(11)}+m_{101}^{(22)}m_{210}^{(10)}m_{031}^{(20)}-m_{101}^{(22)}m_{210}^{(10)}m_{022}^{(10)}+3m_{101}^{(22)}m_{210}^{(11)}m_{220}^{(22)}$$
$$-2m_{101}^{(22)}m_{210}^{(11)}m_{211}^{(21)}-4m_{101}^{(22)}m_{210}^{(11)}m_{121}^{(20)}+2m_{101}^{(22)}m_{210}^{(11)}m_{112}^{(10)}+m_{101}^{(22)}m_{210}^{(11)}m_{022}^{(00)}$$
$$-3m_{101}^{(22)}m_{210}^{(21)}m_{220}^{(21)}+2m_{101}^{(22)}m_{210}^{(21)}m_{211}^{(11)}+3m_{101}^{(22)}m_{210}^{(21)}m_{130}^{(20)}-m_{101}^{(22)}m_{210}^{(21)}m_{121}^{(10)}$$
$$-m_{101}^{(22)}m_{210}^{(21)}m_{031}^{(00)}+m_{101}^{(22)}m_{201}^{(10)}m_{130}^{(21)}-m_{101}^{(22)}m_{201}^{(10)}m_{121}^{(11)}-m_{101}^{(22)}m_{201}^{(10)}m_{040}^{(20)}$$
$$+m_{101}^{(22)}m_{201}^{(10)}m_{031}^{(10)}-m_{101}^{(22)}m_{201}^{(11)}m_{220}^{(21)}+m_{101}^{(22)}m_{201}^{(11)}m_{130}^{(20)}+m_{101}^{(22)}m_{201}^{(11)}m_{121}^{(10)}$$
$$-m_{101}^{(22)}m_{201}^{(11)}m_{031}^{(00)}+m_{101}^{(22)}m_{201}^{(21)}m_{220}^{(11)}-2m_{101}^{(22)}m_{201}^{(21)}m_{130}^{(10)}+m_{101}^{(22)}m_{201}^{(21)}m_{040}^{(00)}$$
$$+3m_{101}^{(22)}m_{120}^{(10)}m_{220}^{(22)}-4m_{101}^{(22)}m_{120}^{(10)}m_{211}^{(21)}+m_{101}^{(22)}m_{120}^{(10)}m_{202}^{(11)}-2m_{101}^{(22)}m_{120}^{(10)}m_{121}^{(20)}$$
$$+2m_{101}^{(22)}m_{120}^{(10)}m_{112}^{(10)}-3m_{101}^{(22)}m_{120}^{(11)}m_{310}^{(22)}+m_{101}^{(22)}m_{120}^{(11)}m_{301}^{(21)}+5m_{101}^{(22)}m_{120}^{(11)}m_{211}^{(20)}$$
$$-m_{101}^{(22)}m_{120}^{(11)}m_{202}^{(10)}-2m_{101}^{(22)}m_{120}^{(11)}m_{112}^{(00)}+3m_{101}^{(22)}m_{120}^{(21)}m_{310}^{(21)}-m_{101}^{(22)}m_{120}^{(21)}m_{301}^{(11)}$$
$$-3m_{101}^{(22)}m_{120}^{(21)}m_{220}^{(20)}-m_{101}^{(22)}m_{120}^{(21)}m_{211}^{(10)}+2m_{101}^{(22)}m_{120}^{(21)}m_{121}^{(00)}-2m_{101}^{(22)}m_{111}^{(10)}m_{220}^{(21)}$$
$$+2m_{101}^{(22)}m_{111}^{(10)}m_{211}^{(11)}+2m_{101}^{(22)}m_{111}^{(10)}m_{130}^{(20)}-2m_{101}^{(22)}m_{111}^{(10)}m_{121}^{(10)}+2m_{101}^{(22)}m_{111}^{(11)}m_{310}^{(21)}$$
$$-2m_{101}^{(22)}m_{111}^{(11)}m_{220}^{(20)}-2m_{101}^{(22)}m_{111}^{(11)}m_{211}^{(10)}+2m_{101}^{(22)}m_{111}^{(11)}m_{121}^{(00)}-2m_{101}^{(22)}m_{111}^{(21)}m_{310}^{(11)}$$
$$+4m_{101}^{(22)}m_{111}^{(21)}m_{220}^{(10)}-2m_{101}^{(22)}m_{111}^{(21)}m_{130}^{(00)}-m_{101}^{(22)}m_{030}^{(10)}m_{310}^{(22)}+m_{101}^{(22)}m_{030}^{(10)}m_{301}^{(21)}$$
$$+m_{101}^{(22)}m_{030}^{(10)}m_{211}^{(20)}-m_{101}^{(22)}m_{030}^{(10)}m_{202}^{(10)}+m_{101}^{(22)}m_{030}^{(11)}m_{400}^{(22)}-2m_{101}^{(22)}m_{030}^{(11)}m_{301}^{(20)}$$
$$+m_{101}^{(22)}m_{030}^{(11)}m_{202}^{(00)}-m_{101}^{(22)}m_{030}^{(21)}m_{400}^{(21)}+m_{101}^{(22)}m_{030}^{(21)}m_{310}^{(20)}+m_{101}^{(22)}m_{030}^{(21)}m_{301}^{(10)}$$
$$-m_{101}^{(22)}m_{030}^{(21)}m_{211}^{(00)}+m_{101}^{(22)}m_{021}^{(10)}m_{310}^{(21)}-m_{101}^{(22)}m_{021}^{(10)}m_{301}^{(11)}-m_{101}^{(22)}m_{021}^{(10)}m_{220}^{(20)}$$
$$+m_{101}^{(22)}m_{021}^{(10)}m_{211}^{(10)}-m_{101}^{(22)}m_{021}^{(11)}m_{400}^{(21)}+m_{101}^{(22)}m_{021}^{(11)}m_{310}^{(20)}+m_{101}^{(22)}m_{021}^{(11)}m_{301}^{(10)}$$
$$-m_{101}^{(22)}m_{021}^{(11)}m_{211}^{(00)}+m_{101}^{(22)}m_{021}^{(21)}m_{400}^{(11)}-2m_{101}^{(22)}m_{021}^{(21)}m_{310}^{(10)}+m_{101}^{(22)}m_{021}^{(21)}m_{220}^{(00)}$$
$$-m_{020}^{(00)}m_{210}^{(20)}m_{022}^{(22)}+2m_{020}^{(00)}m_{210}^{(20)}m_{013}^{(21)}-m_{020}^{(00)}m_{210}^{(20)}m_{004}^{(11)}+m_{020}^{(00)}m_{210}^{(21)}m_{112}^{(22)}$$
$$-m_{020}^{(00)}m_{210}^{(21)}m_{103}^{(21)}-m_{020}^{(00)}m_{210}^{(21)}m_{013}^{(20)}+m_{020}^{(00)}m_{210}^{(21)}m_{004}^{(10)}-m_{020}^{(00)}m_{210}^{(22)}m_{112}^{(21)}$$
$$+m_{020}^{(00)}m_{210}^{(22)}m_{103}^{(11)}+m_{020}^{(00)}m_{210}^{(22)}m_{022}^{(20)}-m_{020}^{(00)}m_{210}^{(22)}m_{013}^{(10)}+m_{020}^{(00)}m_{201}^{(20)}m_{031}^{(22)}$$
$$-2m_{020}^{(00)}m_{201}^{(20)}m_{022}^{(21)}+m_{020}^{(00)}m_{201}^{(20)}m_{013}^{(11)}-m_{020}^{(00)}m_{201}^{(21)}m_{121}^{(22)}+m_{020}^{(00)}m_{201}^{(21)}m_{112}^{(21)}$$
$$+m_{020}^{(00)}m_{201}^{(21)}m_{022}^{(20)}-m_{020}^{(00)}m_{201}^{(21)}m_{013}^{(10)}+m_{020}^{(00)}m_{201}^{(22)}m_{121}^{(21)}-m_{020}^{(00)}m_{201}^{(22)}m_{112}^{(11)}$$
$$-m_{020}^{(00)}m_{201}^{(22)}m_{031}^{(20)}+m_{020}^{(00)}m_{201}^{(22)}m_{022}^{(10)}+m_{020}^{(00)}m_{120}^{(20)}m_{112}^{(22)}-m_{020}^{(00)}m_{120}^{(20)}m_{103}^{(21)}$$
$$-m_{020}^{(00)}m_{120}^{(20)}m_{013}^{(20)}+m_{020}^{(00)}m_{120}^{(20)}m_{004}^{(10)}-m_{020}^{(00)}m_{120}^{(21)}m_{202}^{(22)}+2m_{020}^{(00)}m_{120}^{(21)}m_{103}^{(20)}$$
$$-m_{020}^{(00)}m_{120}^{(21)}m_{004}^{(00)}+m_{020}^{(00)}m_{120}^{(22)}m_{202}^{(21)}-m_{020}^{(00)}m_{120}^{(22)}m_{112}^{(20)}-m_{020}^{(00)}m_{120}^{(22)}m_{103}^{(10)}$$
$$+m_{020}^{(00)}m_{120}^{(22)}m_{013}^{(00)}-2m_{020}^{(00)}m_{111}^{(20)}m_{112}^{(21)}+2m_{020}^{(00)}m_{111}^{(20)}m_{103}^{(11)}+2m_{020}^{(00)}m_{111}^{(20)}m_{022}^{(20)}$$
$$-2m_{020}^{(00)}m_{111}^{(20)}m_{013}^{(10)}+2m_{020}^{(00)}m_{111}^{(21)}m_{202}^{(21)}-2m_{020}^{(00)}m_{111}^{(21)}m_{112}^{(20)}-2m_{020}^{(00)}m_{111}^{(21)}m_{103}^{(10)}$$
$$+2m_{020}^{(00)}m_{111}^{(21)}m_{013}^{(00)}-2m_{020}^{(00)}m_{111}^{(22)}m_{202}^{(11)}+4m_{020}^{(00)}m_{111}^{(22)}m_{112}^{(10)}-2m_{020}^{(00)}m_{111}^{(22)}m_{022}^{(00)}$$
$$-m_{020}^{(00)}m_{102}^{(20)}m_{130}^{(22)}+3m_{020}^{(00)}m_{102}^{(20)}m_{121}^{(21)}-2m_{020}^{(00)}m_{102}^{(20)}m_{112}^{(11)}-m_{020}^{(00)}m_{102}^{(20)}m_{031}^{(20)}$$
$$+m_{020}^{(00)}m_{102}^{(20)}m_{022}^{(10)}+m_{020}^{(00)}m_{102}^{(21)}m_{220}^{(22)}-2m_{020}^{(00)}m_{102}^{(21)}m_{211}^{(21)}+2m_{020}^{(00)}m_{102}^{(21)}m_{112}^{(10)}$$
$$-m_{020}^{(00)}m_{102}^{(21)}m_{022}^{(00)}-m_{020}^{(00)}m_{102}^{(22)}m_{220}^{(21)}+2m_{020}^{(00)}m_{102}^{(22)}m_{211}^{(11)}+m_{020}^{(00)}m_{102}^{(22)}m_{130}^{(20)}$$
$$-3m_{020}^{(00)}m_{102}^{(22)}m_{121}^{(10)}+m_{020}^{(00)}m_{102}^{(22)}m_{031}^{(00)}-m_{020}^{(00)}m_{021}^{(20)}m_{211}^{(22)}+m_{020}^{(00)}m_{021}^{(20)}m_{202}^{(21)}$$

$$
\begin{aligned}
&+m_{020}^{(00)}m_{021}^{(20)}m_{112}^{(20)} - m_{020}^{(00)}m_{021}^{(20)}m_{103}^{(10)} + m_{020}^{(00)}m_{021}^{(21)}m_{301}^{(22)} - 2m_{020}^{(00)}m_{021}^{(21)}m_{202}^{(20)}\\
&+m_{020}^{(00)}m_{021}^{(21)}m_{103}^{(00)} - m_{020}^{(00)}m_{021}^{(22)}m_{301}^{(21)} + m_{020}^{(00)}m_{021}^{(22)}m_{211}^{(20)} + m_{020}^{(00)}m_{021}^{(22)}m_{202}^{(10)}\\
&-m_{020}^{(00)}m_{021}^{(22)}m_{112}^{(00)} + m_{020}^{(00)}m_{012}^{(20)}m_{220}^{(22)} - m_{020}^{(00)}m_{012}^{(20)}m_{202}^{(11)} - 2m_{020}^{(00)}m_{012}^{(20)}m_{121}^{(20)}\\
&+2m_{020}^{(00)}m_{012}^{(20)}m_{112}^{(20)} - m_{020}^{(00)}m_{012}^{(21)}m_{310}^{(22)} - m_{020}^{(00)}m_{012}^{(21)}m_{301}^{(21)} + 3m_{020}^{(00)}m_{012}^{(21)}m_{211}^{(20)}\\
&+m_{020}^{(00)}m_{012}^{(21)}m_{202}^{(10)} - 2m_{020}^{(00)}m_{012}^{(21)}m_{112}^{(00)} + m_{020}^{(00)}m_{012}^{(22)}m_{310}^{(21)} + m_{020}^{(00)}m_{012}^{(22)}m_{301}^{(11)}\\
&-m_{020}^{(00)}m_{012}^{(22)}m_{220}^{(20)} - 3m_{020}^{(00)}m_{012}^{(22)}m_{211}^{(10)} + 2m_{020}^{(00)}m_{012}^{(22)}m_{121}^{(00)} - m_{020}^{(00)}m_{003}^{(20)}m_{220}^{(21)}\\
&+m_{020}^{(00)}m_{003}^{(20)}m_{211}^{(11)} + m_{020}^{(00)}m_{003}^{(20)}m_{130}^{(20)} - m_{020}^{(00)}m_{003}^{(20)}m_{121}^{(10)} + m_{020}^{(00)}m_{003}^{(21)}m_{310}^{(21)}\\
&-m_{020}^{(00)}m_{003}^{(21)}m_{220}^{(20)} - m_{020}^{(00)}m_{003}^{(21)}m_{211}^{(10)} + m_{020}^{(00)}m_{003}^{(21)}m_{121}^{(00)} - m_{020}^{(00)}m_{003}^{(22)}m_{310}^{(11)}\\
&+2m_{020}^{(00)}m_{003}^{(22)}m_{220}^{(10)} - m_{020}^{(00)}m_{003}^{(22)}m_{130}^{(00)} + m_{020}^{(10)}m_{300}^{(20)}m_{022}^{(22)} - 2m_{020}^{(10)}m_{300}^{(20)}m_{013}^{(21)}\\
&+m_{020}^{(10)}m_{300}^{(20)}m_{004}^{(11)} - m_{020}^{(10)}m_{300}^{(21)}m_{112}^{(22)} + m_{020}^{(10)}m_{300}^{(21)}m_{103}^{(21)} + m_{020}^{(10)}m_{300}^{(21)}m_{013}^{(20)}\\
&-m_{020}^{(10)}m_{300}^{(21)}m_{004}^{(10)} + m_{020}^{(10)}m_{300}^{(22)}m_{112}^{(21)} - m_{020}^{(10)}m_{300}^{(22)}m_{103}^{(11)} - m_{020}^{(10)}m_{300}^{(22)}m_{022}^{(20)}\\
&+m_{020}^{(10)}m_{300}^{(22)}m_{013}^{(10)} - m_{020}^{(10)}m_{210}^{(20)}m_{112}^{(22)} + m_{020}^{(10)}m_{210}^{(20)}m_{103}^{(21)} + m_{020}^{(10)}m_{210}^{(20)}m_{013}^{(20)}\\
&-m_{020}^{(10)}m_{210}^{(20)}m_{004}^{(10)} + m_{020}^{(10)}m_{210}^{(21)}m_{202}^{(22)} - 2m_{020}^{(10)}m_{210}^{(21)}m_{103}^{(20)} + m_{020}^{(10)}m_{210}^{(21)}m_{004}^{(00)}\\
&-m_{020}^{(10)}m_{210}^{(22)}m_{202}^{(21)} + m_{020}^{(10)}m_{210}^{(22)}m_{112}^{(20)} + m_{020}^{(10)}m_{210}^{(22)}m_{103}^{(10)} - m_{020}^{(10)}m_{210}^{(22)}m_{013}^{(00)}\\
&-2m_{020}^{(10)}m_{201}^{(20)}m_{121}^{(22)} + 5m_{020}^{(10)}m_{201}^{(20)}m_{112}^{(21)} - 3m_{020}^{(10)}m_{201}^{(20)}m_{103}^{(11)} - m_{020}^{(10)}m_{201}^{(20)}m_{022}^{(20)}\\
&+m_{020}^{(10)}m_{201}^{(20)}m_{013}^{(10)} + 2m_{020}^{(10)}m_{201}^{(21)}m_{211}^{(22)} - 3m_{020}^{(10)}m_{201}^{(21)}m_{202}^{(21)} - m_{020}^{(10)}m_{201}^{(21)}m_{112}^{(20)}\\
&+3m_{020}^{(10)}m_{201}^{(21)}m_{103}^{(10)} - m_{020}^{(10)}m_{201}^{(21)}m_{013}^{(00)} - 2m_{020}^{(10)}m_{201}^{(22)}m_{211}^{(21)} + 3m_{020}^{(10)}m_{201}^{(22)}m_{202}^{(11)}\\
&+2m_{020}^{(10)}m_{201}^{(22)}m_{121}^{(20)} - 4m_{020}^{(10)}m_{201}^{(22)}m_{112}^{(10)} + m_{020}^{(10)}m_{201}^{(22)}m_{022}^{(00)} + 2m_{020}^{(10)}m_{111}^{(20)}m_{211}^{(22)}\\
&-2m_{020}^{(10)}m_{111}^{(20)}m_{202}^{(21)} - 2m_{020}^{(10)}m_{111}^{(20)}m_{112}^{(20)} + 2m_{020}^{(10)}m_{111}^{(20)}m_{103}^{(10)} - 2m_{020}^{(10)}m_{111}^{(21)}m_{301}^{(22)}\\
&+4m_{020}^{(10)}m_{111}^{(21)}m_{202}^{(20)} - 2m_{020}^{(10)}m_{111}^{(21)}m_{103}^{(00)} + 2m_{020}^{(10)}m_{111}^{(22)}m_{301}^{(21)} - 2m_{020}^{(10)}m_{111}^{(22)}m_{211}^{(20)}\\
&-2m_{020}^{(10)}m_{111}^{(22)}m_{202}^{(10)} + 2m_{020}^{(10)}m_{111}^{(22)}m_{112}^{(00)} + m_{020}^{(10)}m_{102}^{(20)}m_{220}^{(22)} - 4m_{020}^{(10)}m_{102}^{(20)}m_{211}^{(21)}\\
&+3m_{020}^{(10)}m_{102}^{(20)}m_{202}^{(11)} + 2m_{020}^{(10)}m_{102}^{(20)}m_{121}^{(20)} - 2m_{020}^{(10)}m_{102}^{(20)}m_{112}^{(10)} - m_{020}^{(10)}m_{102}^{(21)}m_{310}^{(22)}\\
&+3m_{020}^{(10)}m_{102}^{(21)}m_{301}^{(21)} - m_{020}^{(10)}m_{102}^{(21)}m_{211}^{(20)} - 3m_{020}^{(10)}m_{102}^{(21)}m_{202}^{(10)} + 2m_{020}^{(10)}m_{102}^{(21)}m_{112}^{(00)}\\
&+m_{020}^{(10)}m_{102}^{(22)}m_{310}^{(21)} - 3m_{020}^{(10)}m_{102}^{(22)}m_{301}^{(11)} - m_{020}^{(10)}m_{102}^{(22)}m_{220}^{(20)} + 5m_{020}^{(10)}m_{102}^{(22)}m_{211}^{(10)}\\
&-2m_{020}^{(10)}m_{102}^{(22)}m_{121}^{(00)} - m_{020}^{(10)}m_{012}^{(20)}m_{310}^{(22)} + m_{020}^{(10)}m_{012}^{(20)}m_{301}^{(21)} + m_{020}^{(10)}m_{012}^{(20)}m_{211}^{(20)}\\
&-m_{020}^{(10)}m_{012}^{(20)}m_{202}^{(10)} + m_{020}^{(10)}m_{012}^{(21)}m_{400}^{(22)} - 2m_{020}^{(10)}m_{012}^{(21)}m_{301}^{(20)} + m_{020}^{(10)}m_{012}^{(21)}m_{202}^{(00)}\\
&-m_{020}^{(10)}m_{012}^{(22)}m_{400}^{(21)} + m_{020}^{(10)}m_{012}^{(22)}m_{310}^{(20)} + m_{020}^{(10)}m_{012}^{(22)}m_{301}^{(10)} - m_{020}^{(10)}m_{012}^{(22)}m_{211}^{(00)}\\
&+m_{020}^{(10)}m_{003}^{(20)}m_{310}^{(21)} - m_{020}^{(10)}m_{003}^{(20)}m_{301}^{(11)} - m_{020}^{(10)}m_{003}^{(20)}m_{220}^{(20)} + m_{020}^{(10)}m_{003}^{(20)}m_{211}^{(10)}\\
&-m_{020}^{(10)}m_{003}^{(21)}m_{400}^{(21)} + m_{020}^{(10)}m_{003}^{(21)}m_{310}^{(20)} + m_{020}^{(10)}m_{003}^{(21)}m_{301}^{(10)} - m_{020}^{(10)}m_{003}^{(21)}m_{211}^{(00)}\\
&+m_{020}^{(10)}m_{003}^{(22)}m_{400}^{(11)} - 2m_{020}^{(10)}m_{003}^{(22)}m_{310}^{(10)} + m_{020}^{(10)}m_{003}^{(22)}m_{220}^{(00)} - m_{020}^{(20)}m_{300}^{(20)}m_{031}^{(22)}\\
&+2m_{020}^{(20)}m_{300}^{(20)}m_{022}^{(21)} - m_{020}^{(20)}m_{300}^{(20)}m_{013}^{(11)} + m_{020}^{(20)}m_{300}^{(21)}m_{121}^{(22)} - m_{020}^{(20)}m_{300}^{(21)}m_{112}^{(21)}\\
&-m_{020}^{(20)}m_{300}^{(21)}m_{022}^{(20)} + m_{020}^{(20)}m_{300}^{(21)}m_{013}^{(10)} - m_{020}^{(20)}m_{300}^{(22)}m_{121}^{(21)} + m_{020}^{(20)}m_{300}^{(22)}m_{112}^{(11)}\\
&+m_{020}^{(20)}m_{300}^{(22)}m_{031}^{(20)} - m_{020}^{(20)}m_{300}^{(22)}m_{022}^{(10)} + m_{020}^{(20)}m_{210}^{(00)}m_{022}^{(22)} - 2m_{020}^{(20)}m_{210}^{(00)}m_{013}^{(21)}\\
&+m_{020}^{(20)}m_{210}^{(00)}m_{004}^{(11)} - m_{020}^{(20)}m_{210}^{(10)}m_{112}^{(22)} + m_{020}^{(20)}m_{210}^{(10)}m_{103}^{(21)} + m_{020}^{(20)}m_{210}^{(10)}m_{013}^{(20)}\\
&-m_{020}^{(20)}m_{210}^{(10)}m_{004}^{(10)} + 2m_{020}^{(20)}m_{210}^{(20)}m_{121}^{(22)} - 2m_{020}^{(20)}m_{210}^{(20)}m_{112}^{(21)} - 2m_{020}^{(20)}m_{210}^{(20)}m_{022}^{(20)}\\
&+2m_{020}^{(20)}m_{210}^{(20)}m_{013}^{(10)} - 2m_{020}^{(20)}m_{210}^{(21)}m_{211}^{(22)} + m_{020}^{(20)}m_{210}^{(21)}m_{202}^{(21)} + 3m_{020}^{(20)}m_{210}^{(21)}m_{112}^{(20)}\\
&-m_{020}^{(20)}m_{210}^{(21)}m_{103}^{(10)} - m_{020}^{(20)}m_{210}^{(21)}m_{013}^{(00)} + 2m_{020}^{(20)}m_{210}^{(22)}m_{211}^{(21)} - m_{020}^{(20)}m_{210}^{(22)}m_{202}^{(11)}\\
&-2m_{020}^{(20)}m_{210}^{(22)}m_{121}^{(20)} + m_{020}^{(20)}m_{210}^{(22)}m_{022}^{(00)} - m_{020}^{(20)}m_{201}^{(00)}m_{031}^{(22)} + 2m_{020}^{(20)}m_{201}^{(00)}m_{022}^{(21)}
\end{aligned}
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\begin{aligned}
&-m_{020}^{(20)}m_{201}^{(00)}m_{013}^{(11)}+m_{020}^{(20)}m_{201}^{(10)}m_{121}^{(22)}-m_{020}^{(20)}m_{201}^{(10)}m_{112}^{(21)}-m_{020}^{(20)}m_{201}^{(10)}m_{022}^{(20)}\\
&+m_{020}^{(20)}m_{201}^{(10)}m_{013}^{(10)}+m_{020}^{(20)}m_{201}^{(20)}m_{130}^{(22)}-4m_{020}^{(20)}m_{201}^{(20)}m_{121}^{(21)}+3m_{020}^{(20)}m_{201}^{(20)}m_{112}^{(11)}\\
&+2m_{020}^{(20)}m_{201}^{(20)}m_{031}^{(20)}-2m_{020}^{(20)}m_{201}^{(20)}m_{022}^{(10)}-m_{020}^{(20)}m_{201}^{(21)}m_{220}^{(22)}+2m_{020}^{(20)}m_{201}^{(21)}m_{211}^{(21)}\\
&-2m_{020}^{(20)}m_{201}^{(21)}m_{112}^{(10)}+m_{020}^{(20)}m_{201}^{(21)}m_{022}^{(00)}+m_{020}^{(20)}m_{201}^{(22)}m_{220}^{(21)}-2m_{020}^{(20)}m_{201}^{(22)}m_{211}^{(11)}\\
&-m_{020}^{(20)}m_{201}^{(22)}m_{130}^{(20)}+3m_{020}^{(20)}m_{201}^{(22)}m_{121}^{(10)}-m_{020}^{(20)}m_{201}^{(22)}m_{031}^{(00)}-m_{020}^{(20)}m_{120}^{(00)}m_{112}^{(22)}\\
&+m_{020}^{(20)}m_{120}^{(00)}m_{103}^{(21)}+m_{020}^{(20)}m_{120}^{(00)}m_{013}^{(20)}-m_{020}^{(20)}m_{120}^{(00)}m_{004}^{(10)}+m_{020}^{(20)}m_{120}^{(10)}m_{202}^{(22)}\\
&-2m_{020}^{(20)}m_{120}^{(10)}m_{103}^{(20)}+m_{020}^{(20)}m_{120}^{(10)}m_{004}^{(00)}-m_{020}^{(20)}m_{120}^{(20)}m_{211}^{(22)}+2m_{020}^{(20)}m_{120}^{(20)}m_{112}^{(20)}\\
&-m_{020}^{(20)}m_{120}^{(20)}m_{013}^{(00)}+m_{020}^{(20)}m_{120}^{(21)}m_{301}^{(22)}-2m_{020}^{(20)}m_{120}^{(21)}m_{202}^{(20)}+m_{020}^{(20)}m_{120}^{(21)}m_{103}^{(00)}\\
&-m_{020}^{(20)}m_{120}^{(22)}m_{301}^{(21)}+m_{020}^{(20)}m_{120}^{(22)}m_{211}^{(20)}+m_{020}^{(20)}m_{120}^{(22)}m_{202}^{(10)}-m_{020}^{(20)}m_{120}^{(22)}m_{112}^{(00)}\\
&+2m_{020}^{(20)}m_{111}^{(00)}m_{112}^{(21)}-2m_{020}^{(20)}m_{111}^{(00)}m_{103}^{(11)}-2m_{020}^{(20)}m_{111}^{(00)}m_{022}^{(20)}+2m_{020}^{(20)}m_{111}^{(00)}m_{013}^{(10)}\\
&-2m_{020}^{(20)}m_{111}^{(10)}m_{202}^{(21)}+2m_{020}^{(20)}m_{111}^{(10)}m_{112}^{(20)}+2m_{020}^{(20)}m_{111}^{(10)}m_{103}^{(10)}-2m_{020}^{(20)}m_{111}^{(10)}m_{013}^{(00)}\\
&-2m_{020}^{(20)}m_{111}^{(20)}m_{220}^{(22)}+4m_{020}^{(20)}m_{111}^{(20)}m_{211}^{(21)}-4m_{020}^{(20)}m_{111}^{(20)}m_{112}^{(10)}+2m_{020}^{(20)}m_{111}^{(20)}m_{022}^{(00)}\\
&+2m_{020}^{(20)}m_{111}^{(21)}m_{310}^{(22)}-2m_{020}^{(20)}m_{111}^{(21)}m_{301}^{(21)}-2m_{020}^{(20)}m_{111}^{(21)}m_{211}^{(20)}+2m_{020}^{(20)}m_{111}^{(21)}m_{202}^{(10)}\\
&-2m_{020}^{(20)}m_{111}^{(22)}m_{310}^{(21)}+2m_{020}^{(20)}m_{111}^{(22)}m_{301}^{(11)}+2m_{020}^{(20)}m_{111}^{(22)}m_{220}^{(20)}-2m_{020}^{(20)}m_{111}^{(22)}m_{211}^{(10)}\\
&+m_{020}^{(20)}m_{102}^{(00)}m_{130}^{(22)}-3m_{020}^{(20)}m_{102}^{(00)}m_{121}^{(21)}+2m_{020}^{(20)}m_{102}^{(00)}m_{112}^{(11)}+m_{020}^{(20)}m_{102}^{(00)}m_{031}^{(20)}\\
&-m_{020}^{(20)}m_{102}^{(00)}m_{022}^{(10)}-m_{020}^{(20)}m_{102}^{(10)}m_{220}^{(22)}+2m_{020}^{(20)}m_{102}^{(10)}m_{211}^{(21)}-2m_{020}^{(20)}m_{102}^{(10)}m_{112}^{(10)}\\
&+m_{020}^{(20)}m_{102}^{(10)}m_{022}^{(00)}+2m_{020}^{(20)}m_{102}^{(20)}m_{220}^{(21)}-3m_{020}^{(20)}m_{102}^{(20)}m_{211}^{(11)}-2m_{020}^{(20)}m_{102}^{(20)}m_{130}^{(20)}\\
&+4m_{020}^{(20)}m_{102}^{(20)}m_{121}^{(10)}-m_{020}^{(20)}m_{102}^{(20)}m_{031}^{(00)}-m_{020}^{(20)}m_{102}^{(21)}m_{310}^{(21)}+m_{020}^{(20)}m_{102}^{(21)}m_{220}^{(20)}\\
&+m_{020}^{(20)}m_{102}^{(21)}m_{211}^{(10)}-m_{020}^{(20)}m_{102}^{(21)}m_{121}^{(00)}+m_{020}^{(20)}m_{102}^{(22)}m_{310}^{(11)}-2m_{020}^{(20)}m_{102}^{(22)}m_{220}^{(10)}\\
&+m_{020}^{(20)}m_{102}^{(22)}m_{130}^{(00)}+m_{020}^{(20)}m_{021}^{(00)}m_{211}^{(22)}-m_{020}^{(20)}m_{021}^{(00)}m_{202}^{(21)}-m_{020}^{(20)}m_{021}^{(00)}m_{112}^{(20)}\\
&+m_{020}^{(20)}m_{021}^{(00)}m_{103}^{(10)}-m_{020}^{(20)}m_{021}^{(10)}m_{301}^{(22)}+2m_{020}^{(20)}m_{021}^{(10)}m_{202}^{(20)}-m_{020}^{(20)}m_{021}^{(10)}m_{103}^{(00)}\\
&+m_{020}^{(20)}m_{021}^{(20)}m_{310}^{(22)}-2m_{020}^{(20)}m_{021}^{(20)}m_{211}^{(20)}+m_{020}^{(20)}m_{021}^{(20)}m_{112}^{(00)}-m_{020}^{(20)}m_{021}^{(21)}m_{400}^{(22)}\\
&+2m_{020}^{(20)}m_{021}^{(21)}m_{301}^{(20)}-m_{020}^{(20)}m_{021}^{(21)}m_{202}^{(00)}+m_{020}^{(20)}m_{021}^{(22)}m_{400}^{(21)}-m_{020}^{(20)}m_{021}^{(22)}m_{310}^{(20)}\\
&-m_{020}^{(20)}m_{021}^{(22)}m_{301}^{(10)}+m_{020}^{(20)}m_{021}^{(22)}m_{211}^{(00)}-m_{020}^{(20)}m_{012}^{(00)}m_{220}^{(22)}+m_{020}^{(20)}m_{012}^{(00)}m_{202}^{(11)}\\
&+2m_{020}^{(20)}m_{012}^{(00)}m_{121}^{(20)}-2m_{020}^{(20)}m_{012}^{(00)}m_{112}^{(10)}+m_{020}^{(20)}m_{012}^{(10)}m_{310}^{(22)}+m_{020}^{(20)}m_{012}^{(10)}m_{301}^{(21)}\\
&-3m_{020}^{(20)}m_{012}^{(10)}m_{211}^{(20)}-m_{020}^{(20)}m_{012}^{(10)}m_{202}^{(10)}+2m_{020}^{(20)}m_{012}^{(10)}m_{112}^{(00)}-2m_{020}^{(20)}m_{012}^{(20)}m_{310}^{(21)}\\
&+2m_{020}^{(20)}m_{012}^{(20)}m_{220}^{(20)}+2m_{020}^{(20)}m_{012}^{(20)}m_{211}^{(10)}-2m_{020}^{(20)}m_{012}^{(20)}m_{121}^{(00)}+m_{020}^{(20)}m_{012}^{(21)}m_{400}^{(21)}\\
&-m_{020}^{(20)}m_{012}^{(21)}m_{310}^{(20)}-m_{020}^{(20)}m_{012}^{(21)}m_{301}^{(10)}+m_{020}^{(20)}m_{012}^{(21)}m_{211}^{(00)}-m_{020}^{(20)}m_{012}^{(22)}m_{400}^{(11)}\\
&+2m_{020}^{(20)}m_{012}^{(22)}m_{310}^{(10)}-m_{020}^{(20)}m_{012}^{(22)}m_{220}^{(00)}+m_{020}^{(20)}m_{003}^{(00)}m_{220}^{(21)}-m_{020}^{(20)}m_{003}^{(00)}m_{211}^{(11)}\\
&-m_{020}^{(20)}m_{003}^{(00)}m_{130}^{(20)}+m_{020}^{(20)}m_{003}^{(00)}m_{121}^{(10)}-m_{020}^{(20)}m_{003}^{(10)}m_{310}^{(21)}+m_{020}^{(20)}m_{003}^{(10)}m_{220}^{(20)}\\
&+m_{020}^{(20)}m_{003}^{(10)}m_{211}^{(10)}-m_{020}^{(20)}m_{003}^{(10)}m_{121}^{(00)}+m_{020}^{(20)}m_{003}^{(20)}m_{310}^{(11)}-2m_{020}^{(20)}m_{003}^{(20)}m_{220}^{(10)}\\
&+m_{020}^{(20)}m_{003}^{(20)}m_{130}^{(00)}-m_{020}^{(21)}m_{300}^{(00)}m_{022}^{(22)}+2m_{020}^{(21)}m_{300}^{(00)}m_{013}^{(21)}-m_{020}^{(21)}m_{300}^{(00)}m_{004}^{(11)}\\
&+m_{020}^{(21)}m_{300}^{(10)}m_{112}^{(22)}-m_{020}^{(21)}m_{300}^{(10)}m_{103}^{(21)}-m_{020}^{(21)}m_{300}^{(10)}m_{013}^{(20)}+m_{020}^{(21)}m_{300}^{(10)}m_{004}^{(10)}\\
&-m_{020}^{(21)}m_{300}^{(20)}m_{112}^{(21)}+m_{020}^{(21)}m_{300}^{(20)}m_{103}^{(11)}+m_{020}^{(21)}m_{300}^{(20)}m_{022}^{(20)}-m_{020}^{(21)}m_{300}^{(20)}m_{013}^{(10)}\\
&+m_{020}^{(21)}m_{210}^{(00)}m_{112}^{(22)}-m_{020}^{(21)}m_{210}^{(00)}m_{103}^{(21)}-m_{020}^{(21)}m_{210}^{(00)}m_{013}^{(20)}+m_{020}^{(21)}m_{210}^{(00)}m_{004}^{(10)}\\
&-m_{020}^{(21)}m_{210}^{(10)}m_{202}^{(22)}+2m_{020}^{(21)}m_{210}^{(10)}m_{103}^{(20)}-m_{020}^{(21)}m_{210}^{(10)}m_{004}^{(00)}+m_{020}^{(21)}m_{210}^{(20)}m_{202}^{(21)}\\
&-m_{020}^{(21)}m_{210}^{(20)}m_{112}^{(20)}-m_{020}^{(21)}m_{210}^{(20)}m_{103}^{(10)}+m_{020}^{(21)}m_{210}^{(20)}m_{013}^{(00)}+2m_{020}^{(21)}m_{201}^{(00)}m_{121}^{(22)}\\
&-5m_{020}^{(21)}m_{201}^{(00)}m_{112}^{(21)}+3m_{020}^{(21)}m_{201}^{(00)}m_{103}^{(11)}+m_{020}^{(21)}m_{201}^{(00)}m_{022}^{(20)}-m_{020}^{(21)}m_{201}^{(00)}m_{013}^{(10)}
\end{aligned}
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\begin{aligned}
&-2m_{020}^{(21)}m_{201}^{(10)}m_{211}^{(22)}+3m_{020}^{(21)}m_{201}^{(10)}m_{202}^{(21)}+m_{020}^{(21)}m_{201}^{(10)}m_{112}^{(20)}-3m_{020}^{(21)}m_{201}^{(10)}m_{103}^{(10)}\\
&+m_{020}^{(21)}m_{201}^{(10)}m_{013}^{(00)}+2m_{020}^{(21)}m_{201}^{(20)}m_{211}^{(21)}-3m_{020}^{(21)}m_{201}^{(20)}m_{202}^{(11)}-2m_{020}^{(21)}m_{201}^{(20)}m_{121}^{(20)}\\
&+4m_{020}^{(21)}m_{201}^{(20)}m_{112}^{(10)}-m_{020}^{(21)}m_{201}^{(20)}m_{022}^{(00)}-2m_{020}^{(21)}m_{111}^{(00)}m_{211}^{(22)}+2m_{020}^{(21)}m_{111}^{(00)}m_{202}^{(21)}\\
&+2m_{020}^{(21)}m_{111}^{(00)}m_{112}^{(20)}-2m_{020}^{(21)}m_{111}^{(00)}m_{103}^{(10)}+2m_{020}^{(21)}m_{111}^{(10)}m_{301}^{(22)}-4m_{020}^{(21)}m_{111}^{(10)}m_{202}^{(20)}\\
&+2m_{020}^{(21)}m_{111}^{(10)}m_{103}^{(00)}-2m_{020}^{(21)}m_{111}^{(20)}m_{301}^{(21)}+2m_{020}^{(21)}m_{111}^{(20)}m_{211}^{(20)}+2m_{020}^{(21)}m_{111}^{(20)}m_{202}^{(10)}\\
&-2m_{020}^{(21)}m_{111}^{(20)}m_{112}^{(00)}-m_{020}^{(21)}m_{102}^{(00)}m_{220}^{(22)}+4m_{020}^{(21)}m_{102}^{(00)}m_{211}^{(21)}-3m_{020}^{(21)}m_{102}^{(00)}m_{202}^{(11)}\\
&-2m_{020}^{(21)}m_{102}^{(00)}m_{121}^{(20)}+2m_{020}^{(21)}m_{102}^{(00)}m_{112}^{(10)}+m_{020}^{(21)}m_{102}^{(10)}m_{310}^{(22)}-3m_{020}^{(21)}m_{102}^{(10)}m_{301}^{(21)}\\
&+m_{020}^{(21)}m_{102}^{(10)}m_{211}^{(20)}+3m_{020}^{(21)}m_{102}^{(10)}m_{202}^{(10)}-2m_{020}^{(21)}m_{102}^{(10)}m_{112}^{(00)}-m_{020}^{(21)}m_{102}^{(20)}m_{310}^{(21)}\\
&+3m_{020}^{(21)}m_{102}^{(20)}m_{301}^{(11)}+m_{020}^{(21)}m_{102}^{(20)}m_{220}^{(20)}-5m_{020}^{(21)}m_{102}^{(20)}m_{211}^{(10)}+2m_{020}^{(21)}m_{102}^{(20)}m_{121}^{(00)}\\
&+m_{020}^{(21)}m_{012}^{(00)}m_{310}^{(22)}-m_{020}^{(21)}m_{012}^{(00)}m_{301}^{(21)}-m_{020}^{(21)}m_{012}^{(00)}m_{211}^{(20)}+m_{020}^{(21)}m_{012}^{(00)}m_{202}^{(10)}\\
&-m_{020}^{(21)}m_{012}^{(10)}m_{400}^{(22)}+2m_{020}^{(21)}m_{012}^{(10)}m_{301}^{(20)}-m_{020}^{(21)}m_{012}^{(10)}m_{202}^{(00)}+m_{020}^{(21)}m_{012}^{(20)}m_{400}^{(21)}\\
&-m_{020}^{(21)}m_{012}^{(20)}m_{310}^{(20)}-m_{020}^{(21)}m_{012}^{(20)}m_{301}^{(10)}+m_{020}^{(21)}m_{012}^{(20)}m_{211}^{(00)}-m_{020}^{(21)}m_{003}^{(00)}m_{310}^{(21)}\\
&+m_{020}^{(21)}m_{003}^{(00)}m_{301}^{(11)}+m_{020}^{(21)}m_{003}^{(00)}m_{220}^{(20)}-m_{020}^{(21)}m_{003}^{(00)}m_{211}^{(10)}+m_{020}^{(21)}m_{003}^{(10)}m_{400}^{(21)}\\
&-m_{020}^{(21)}m_{003}^{(10)}m_{310}^{(20)}-m_{020}^{(21)}m_{003}^{(10)}m_{301}^{(10)}+m_{020}^{(21)}m_{003}^{(10)}m_{211}^{(00)}-m_{020}^{(21)}m_{003}^{(20)}m_{400}^{(11)}\\
&+2m_{020}^{(21)}m_{003}^{(20)}m_{310}^{(10)}-m_{020}^{(21)}m_{003}^{(20)}m_{220}^{(00)}+m_{020}^{(22)}m_{300}^{(00)}m_{031}^{(22)}-2m_{020}^{(22)}m_{300}^{(00)}m_{022}^{(21)}\\
&+m_{020}^{(22)}m_{300}^{(00)}m_{013}^{(11)}-m_{020}^{(22)}m_{300}^{(10)}m_{121}^{(22)}+m_{020}^{(22)}m_{300}^{(10)}m_{112}^{(21)}+m_{020}^{(22)}m_{300}^{(10)}m_{022}^{(20)}\\
&-m_{020}^{(22)}m_{300}^{(10)}m_{013}^{(10)}+m_{020}^{(22)}m_{300}^{(20)}m_{121}^{(21)}-m_{020}^{(22)}m_{300}^{(20)}m_{112}^{(11)}-m_{020}^{(22)}m_{300}^{(20)}m_{031}^{(20)}\\
&+m_{020}^{(22)}m_{300}^{(20)}m_{022}^{(10)}-2m_{020}^{(22)}m_{210}^{(00)}m_{121}^{(22)}+3m_{020}^{(22)}m_{210}^{(00)}m_{112}^{(21)}-m_{020}^{(22)}m_{210}^{(00)}m_{103}^{(11)}\\
&+m_{020}^{(22)}m_{210}^{(00)}m_{022}^{(20)}-m_{020}^{(22)}m_{210}^{(00)}m_{013}^{(10)}+2m_{020}^{(22)}m_{210}^{(10)}m_{211}^{(22)}-m_{020}^{(22)}m_{210}^{(10)}m_{202}^{(21)}\\
&-3m_{020}^{(22)}m_{210}^{(10)}m_{112}^{(20)}+m_{020}^{(22)}m_{210}^{(10)}m_{103}^{(10)}+m_{020}^{(22)}m_{210}^{(10)}m_{013}^{(00)}-2m_{020}^{(22)}m_{210}^{(20)}m_{211}^{(21)}\\
&+m_{020}^{(22)}m_{210}^{(20)}m_{202}^{(11)}+2m_{020}^{(22)}m_{210}^{(20)}m_{121}^{(20)}-m_{020}^{(22)}m_{210}^{(20)}m_{022}^{(00)}-m_{020}^{(22)}m_{201}^{(00)}m_{130}^{(22)}\\
&+3m_{020}^{(22)}m_{201}^{(00)}m_{121}^{(21)}-2m_{020}^{(22)}m_{201}^{(00)}m_{112}^{(11)}-m_{020}^{(22)}m_{201}^{(00)}m_{031}^{(20)}+m_{020}^{(22)}m_{201}^{(00)}m_{022}^{(10)}\\
&+m_{020}^{(22)}m_{201}^{(10)}m_{220}^{(22)}-2m_{020}^{(22)}m_{201}^{(10)}m_{211}^{(21)}+2m_{020}^{(22)}m_{201}^{(10)}m_{112}^{(10)}-m_{020}^{(22)}m_{201}^{(10)}m_{022}^{(00)}\\
&-m_{020}^{(22)}m_{201}^{(20)}m_{220}^{(21)}+2m_{020}^{(22)}m_{201}^{(20)}m_{211}^{(11)}+m_{020}^{(22)}m_{201}^{(20)}m_{130}^{(20)}-3m_{020}^{(22)}m_{201}^{(20)}m_{121}^{(10)}\\
&+m_{020}^{(22)}m_{201}^{(20)}m_{031}^{(00)}+m_{020}^{(22)}m_{120}^{(00)}m_{211}^{(22)}-m_{020}^{(22)}m_{120}^{(00)}m_{202}^{(21)}-m_{020}^{(22)}m_{120}^{(00)}m_{112}^{(20)}\\
&+m_{020}^{(22)}m_{120}^{(00)}m_{103}^{(10)}-m_{020}^{(22)}m_{120}^{(10)}m_{301}^{(22)}+2m_{020}^{(22)}m_{120}^{(10)}m_{202}^{(20)}-m_{020}^{(22)}m_{120}^{(10)}m_{103}^{(00)}\\
&+m_{020}^{(22)}m_{120}^{(20)}m_{301}^{(21)}-m_{020}^{(22)}m_{120}^{(20)}m_{211}^{(20)}-m_{020}^{(22)}m_{120}^{(20)}m_{202}^{(10)}+m_{020}^{(22)}m_{120}^{(20)}m_{112}^{(00)}\\
&+2m_{020}^{(22)}m_{111}^{(00)}m_{220}^{(22)}-4m_{020}^{(22)}m_{111}^{(00)}m_{211}^{(21)}+2m_{020}^{(22)}m_{111}^{(00)}m_{202}^{(11)}-2m_{020}^{(22)}m_{111}^{(10)}m_{310}^{(22)}\\
&+2m_{020}^{(22)}m_{111}^{(10)}m_{301}^{(21)}+2m_{020}^{(22)}m_{111}^{(10)}m_{211}^{(20)}-2m_{020}^{(22)}m_{111}^{(10)}m_{202}^{(10)}+2m_{020}^{(22)}m_{111}^{(20)}m_{310}^{(21)}\\
&-2m_{020}^{(22)}m_{111}^{(20)}m_{301}^{(11)}-2m_{020}^{(22)}m_{111}^{(20)}m_{220}^{(20)}+2m_{020}^{(22)}m_{111}^{(20)}m_{211}^{(10)}-m_{020}^{(22)}m_{111}^{(20)}m_{202}^{(00)}\\
&+m_{020}^{(22)}m_{102}^{(00)}m_{211}^{(11)}+m_{020}^{(22)}m_{102}^{(00)}m_{130}^{(20)}-m_{020}^{(22)}m_{102}^{(00)}m_{121}^{(10)}+m_{020}^{(22)}m_{102}^{(10)}m_{310}^{(21)}\\
&-m_{020}^{(22)}m_{102}^{(10)}m_{220}^{(20)}-m_{020}^{(22)}m_{102}^{(10)}m_{211}^{(10)}+m_{020}^{(22)}m_{102}^{(10)}m_{121}^{(00)}-m_{020}^{(22)}m_{102}^{(20)}m_{310}^{(11)}\\
&+2m_{020}^{(22)}m_{102}^{(20)}m_{220}^{(10)}-m_{020}^{(22)}m_{102}^{(20)}m_{130}^{(00)}-m_{020}^{(22)}m_{021}^{(00)}m_{310}^{(22)}+m_{020}^{(22)}m_{021}^{(00)}m_{301}^{(21)}\\
&+m_{020}^{(22)}m_{021}^{(00)}m_{211}^{(20)}-m_{020}^{(22)}m_{021}^{(00)}m_{202}^{(10)}+m_{020}^{(22)}m_{021}^{(10)}m_{400}^{(22)}-2m_{020}^{(22)}m_{021}^{(10)}m_{301}^{(20)}\\
&+m_{020}^{(22)}m_{021}^{(10)}m_{202}^{(00)}-m_{020}^{(22)}m_{021}^{(20)}m_{400}^{(21)}+m_{020}^{(22)}m_{021}^{(20)}m_{310}^{(20)}+m_{020}^{(22)}m_{021}^{(20)}m_{301}^{(10)}\\
&-m_{020}^{(22)}m_{021}^{(20)}m_{211}^{(00)}+m_{020}^{(22)}m_{012}^{(00)}m_{310}^{(21)}-m_{020}^{(22)}m_{012}^{(00)}m_{301}^{(11)}-m_{020}^{(22)}m_{012}^{(00)}m_{220}^{(20)}\\
&+m_{020}^{(22)}m_{012}^{(00)}m_{211}^{(10)}-m_{020}^{(22)}m_{012}^{(10)}m_{400}^{(21)}+m_{020}^{(22)}m_{012}^{(10)}m_{310}^{(20)}+m_{020}^{(22)}m_{012}^{(10)}m_{301}^{(10)}\\
&-m_{020}^{(22)}m_{012}^{(10)}m_{211}^{(00)}+m_{020}^{(22)}m_{012}^{(20)}m_{400}^{(11)}-2m_{020}^{(22)}m_{012}^{(20)}m_{310}^{(10)}+m_{020}^{(22)}m_{012}^{(20)}m_{220}^{(00)}
\end{aligned}
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\begin{aligned}
&+m_{011}^{(00)}m_{210}^{(10)}m_{022}^{(22)} - 2m_{011}^{(00)}m_{210}^{(10)}m_{013}^{(21)} + m_{011}^{(00)}m_{210}^{(10)}m_{004}^{(11)} - m_{011}^{(00)}m_{210}^{(11)}m_{112}^{(22)}\\
&+m_{011}^{(00)}m_{210}^{(11)}m_{103}^{(21)} + m_{011}^{(00)}m_{210}^{(11)}m_{013}^{(20)} - m_{011}^{(00)}m_{210}^{(11)}m_{004}^{(10)} + m_{011}^{(00)}m_{210}^{(20)}m_{031}^{(22)}\\
&-2m_{011}^{(00)}m_{210}^{(20)}m_{022}^{(21)} + m_{011}^{(00)}m_{210}^{(20)}m_{013}^{(11)} - m_{011}^{(00)}m_{210}^{(21)}m_{121}^{(22)} + 2m_{011}^{(00)}m_{210}^{(21)}m_{112}^{(21)}\\
&-m_{011}^{(00)}m_{210}^{(21)}m_{103}^{(11)} + m_{011}^{(00)}m_{210}^{(22)}m_{121}^{(21)} - m_{011}^{(00)}m_{210}^{(22)}m_{112}^{(11)} - m_{011}^{(00)}m_{210}^{(22)}m_{031}^{(20)}\\
&+m_{011}^{(00)}m_{210}^{(22)}m_{022}^{(10)} - m_{011}^{(00)}m_{201}^{(10)}m_{031}^{(22)} + 2m_{011}^{(00)}m_{201}^{(10)}m_{022}^{(21)} - m_{011}^{(00)}m_{201}^{(10)}m_{013}^{(11)}\\
&+m_{011}^{(00)}m_{201}^{(11)}m_{121}^{(22)} - m_{011}^{(00)}m_{201}^{(11)}m_{112}^{(21)} - m_{011}^{(00)}m_{201}^{(11)}m_{022}^{(20)} + m_{011}^{(00)}m_{201}^{(11)}m_{013}^{(10)}\\
&-m_{011}^{(00)}m_{201}^{(20)}m_{040}^{(22)} + 2m_{011}^{(00)}m_{201}^{(20)}m_{031}^{(21)} - m_{011}^{(00)}m_{201}^{(20)}m_{022}^{(11)} + m_{011}^{(00)}m_{201}^{(21)}m_{130}^{(22)}\\
&-2m_{011}^{(00)}m_{201}^{(21)}m_{121}^{(21)} + m_{011}^{(00)}m_{201}^{(21)}m_{112}^{(11)} - m_{011}^{(00)}m_{201}^{(22)}m_{130}^{(21)} + m_{011}^{(00)}m_{201}^{(22)}m_{121}^{(11)}\\
&+m_{011}^{(00)}m_{201}^{(22)}m_{040}^{(20)} - m_{011}^{(00)}m_{201}^{(22)}m_{031}^{(10)} - m_{011}^{(00)}m_{120}^{(10)}m_{112}^{(22)} + m_{011}^{(00)}m_{120}^{(10)}m_{103}^{(21)}\\
&+m_{011}^{(00)}m_{120}^{(10)}m_{013}^{(20)} - m_{011}^{(00)}m_{120}^{(10)}m_{004}^{(10)} + m_{011}^{(00)}m_{120}^{(11)}m_{202}^{(22)} - 2m_{011}^{(00)}m_{120}^{(11)}m_{103}^{(20)}\\
&+m_{011}^{(00)}m_{120}^{(11)}m_{004}^{(00)} - 2m_{011}^{(00)}m_{120}^{(20)}m_{121}^{(22)} + 3m_{011}^{(00)}m_{120}^{(20)}m_{112}^{(21)} - m_{011}^{(00)}m_{120}^{(20)}m_{103}^{(11)}\\
&+m_{011}^{(00)}m_{120}^{(20)}m_{022}^{(20)} - m_{011}^{(00)}m_{120}^{(20)}m_{013}^{(10)} + 2m_{011}^{(00)}m_{120}^{(21)}m_{211}^{(22)} - 2m_{011}^{(00)}m_{120}^{(21)}m_{202}^{(21)}\\
&-2m_{011}^{(00)}m_{120}^{(21)}m_{112}^{(20)} + 2m_{011}^{(00)}m_{120}^{(21)}m_{103}^{(10)} - 2m_{011}^{(00)}m_{120}^{(22)}m_{211}^{(21)} + m_{011}^{(00)}m_{120}^{(22)}m_{202}^{(11)}\\
&+2m_{011}^{(00)}m_{120}^{(22)}m_{121}^{(20)} - m_{011}^{(00)}m_{120}^{(22)}m_{022}^{(00)} + 2m_{011}^{(00)}m_{111}^{(10)}m_{112}^{(21)} - 2m_{011}^{(00)}m_{111}^{(10)}m_{103}^{(11)}\\
&-2m_{011}^{(00)}m_{111}^{(10)}m_{022}^{(20)} + 2m_{011}^{(00)}m_{111}^{(10)}m_{013}^{(10)} - 2m_{011}^{(00)}m_{111}^{(11)}m_{202}^{(21)} + 2m_{011}^{(00)}m_{111}^{(11)}m_{112}^{(20)}\\
&+2m_{011}^{(00)}m_{111}^{(11)}m_{103}^{(10)} - 2m_{011}^{(00)}m_{111}^{(11)}m_{013}^{(00)} + 2m_{011}^{(00)}m_{111}^{(20)}m_{130}^{(22)} - 2m_{011}^{(00)}m_{111}^{(20)}m_{121}^{(21)}\\
&-2m_{011}^{(00)}m_{111}^{(20)}m_{031}^{(20)} + 2m_{011}^{(00)}m_{111}^{(20)}m_{022}^{(10)} - 2m_{011}^{(00)}m_{111}^{(21)}m_{220}^{(22)} + 2m_{011}^{(00)}m_{111}^{(21)}m_{202}^{(11)}\\
&+4m_{011}^{(00)}m_{111}^{(21)}m_{121}^{(20)} - 4m_{011}^{(00)}m_{111}^{(21)}m_{112}^{(10)} + 2m_{011}^{(00)}m_{111}^{(22)}m_{220}^{(21)} - 2m_{011}^{(00)}m_{111}^{(22)}m_{130}^{(20)}\\
&-2m_{011}^{(00)}m_{111}^{(22)}m_{121}^{(10)} + 2m_{011}^{(00)}m_{111}^{(22)}m_{031}^{(00)} + m_{011}^{(00)}m_{102}^{(10)}m_{130}^{(22)} - 3m_{011}^{(00)}m_{102}^{(10)}m_{121}^{(21)}\\
&+2m_{011}^{(00)}m_{102}^{(10)}m_{112}^{(11)} + m_{011}^{(00)}m_{102}^{(10)}m_{031}^{(20)} - m_{011}^{(00)}m_{102}^{(10)}m_{022}^{(10)} - m_{011}^{(00)}m_{102}^{(11)}m_{220}^{(22)}\\
&+2m_{011}^{(00)}m_{102}^{(11)}m_{211}^{(21)} - 2m_{011}^{(00)}m_{102}^{(11)}m_{112}^{(10)} + m_{011}^{(00)}m_{102}^{(11)}m_{022}^{(00)} - m_{011}^{(00)}m_{102}^{(20)}m_{130}^{(21)}\\
&+m_{011}^{(00)}m_{102}^{(20)}m_{121}^{(11)} + m_{011}^{(00)}m_{102}^{(20)}m_{040}^{(20)} - m_{011}^{(00)}m_{102}^{(20)}m_{031}^{(10)} + 2m_{011}^{(00)}m_{102}^{(21)}m_{220}^{(21)}\\
&-2m_{011}^{(00)}m_{102}^{(21)}m_{211}^{(11)} - 2m_{011}^{(00)}m_{102}^{(21)}m_{130}^{(20)} + 2m_{011}^{(00)}m_{102}^{(21)}m_{121}^{(10)} - m_{011}^{(00)}m_{102}^{(22)}m_{220}^{(11)}\\
&+2m_{011}^{(00)}m_{102}^{(22)}m_{130}^{(10)} - m_{011}^{(00)}m_{102}^{(22)}m_{040}^{(00)} + m_{011}^{(00)}m_{030}^{(20)}m_{211}^{(22)} - m_{011}^{(00)}m_{030}^{(20)}m_{202}^{(21)}\\
&-m_{011}^{(00)}m_{030}^{(20)}m_{112}^{(20)} + m_{011}^{(00)}m_{030}^{(20)}m_{103}^{(10)} - m_{011}^{(00)}m_{030}^{(21)}m_{301}^{(22)} + 2m_{011}^{(00)}m_{030}^{(21)}m_{202}^{(20)}\\
&-m_{011}^{(00)}m_{030}^{(21)}m_{103}^{(00)} + m_{011}^{(00)}m_{030}^{(22)}m_{301}^{(21)} - m_{011}^{(00)}m_{030}^{(22)}m_{211}^{(20)} - m_{011}^{(00)}m_{030}^{(22)}m_{202}^{(10)}\\
&+m_{011}^{(00)}m_{030}^{(22)}m_{112}^{(00)} + m_{011}^{(00)}m_{021}^{(10)}m_{211}^{(22)} - m_{011}^{(00)}m_{021}^{(10)}m_{202}^{(21)} - m_{011}^{(00)}m_{021}^{(10)}m_{112}^{(20)}\\
&+m_{011}^{(00)}m_{021}^{(10)}m_{103}^{(10)} - m_{011}^{(00)}m_{021}^{(11)}m_{301}^{(22)} + 2m_{011}^{(00)}m_{021}^{(11)}m_{202}^{(20)} - m_{011}^{(00)}m_{021}^{(11)}m_{103}^{(00)}\\
&-m_{011}^{(00)}m_{021}^{(20)}m_{220}^{(22)} + m_{011}^{(00)}m_{021}^{(20)}m_{202}^{(11)} + 2m_{011}^{(00)}m_{021}^{(20)}m_{121}^{(20)} - 2m_{011}^{(00)}m_{021}^{(20)}m_{112}^{(10)}\\
&+m_{011}^{(00)}m_{021}^{(21)}m_{310}^{(22)} + 2m_{011}^{(00)}m_{021}^{(21)}m_{301}^{(21)} - 4m_{011}^{(00)}m_{021}^{(21)}m_{211}^{(20)} - 2m_{011}^{(00)}m_{021}^{(21)}m_{202}^{(10)}\\
&+3m_{011}^{(00)}m_{021}^{(21)}m_{112}^{(00)} - m_{011}^{(00)}m_{021}^{(22)}m_{310}^{(21)} - m_{011}^{(00)}m_{021}^{(22)}m_{301}^{(11)} + m_{011}^{(00)}m_{021}^{(22)}m_{220}^{(20)}\\
&+3m_{011}^{(00)}m_{021}^{(22)}m_{211}^{(10)} - 2m_{011}^{(00)}m_{021}^{(22)}m_{121}^{(00)} - m_{011}^{(00)}m_{012}^{(10)}m_{220}^{(22)} + m_{011}^{(00)}m_{012}^{(10)}m_{202}^{(11)}\\
&+2m_{011}^{(00)}m_{012}^{(10)}m_{121}^{(20)} - 2m_{011}^{(00)}m_{012}^{(10)}m_{112}^{(10)} + m_{011}^{(00)}m_{012}^{(11)}m_{310}^{(22)} + m_{011}^{(00)}m_{012}^{(11)}m_{301}^{(21)}\\
&-3m_{011}^{(00)}m_{012}^{(11)}m_{211}^{(20)} - m_{011}^{(00)}m_{012}^{(11)}m_{202}^{(10)} + 2m_{011}^{(00)}m_{012}^{(11)}m_{112}^{(00)} + m_{011}^{(00)}m_{012}^{(20)}m_{220}^{(21)}\\
&-m_{011}^{(00)}m_{012}^{(20)}m_{211}^{(11)} - m_{011}^{(00)}m_{012}^{(20)}m_{130}^{(20)} + m_{011}^{(00)}m_{012}^{(20)}m_{121}^{(10)} - 2m_{011}^{(00)}m_{012}^{(21)}m_{310}^{(21)}\\
&-m_{011}^{(00)}m_{012}^{(21)}m_{301}^{(11)} + 2m_{011}^{(00)}m_{012}^{(21)}m_{220}^{(20)} + 4m_{011}^{(00)}m_{012}^{(21)}m_{211}^{(10)} - 3m_{011}^{(00)}m_{012}^{(21)}m_{121}^{(00)}\\
&+m_{011}^{(00)}m_{012}^{(22)}m_{310}^{(11)} - 2m_{011}^{(00)}m_{012}^{(22)}m_{220}^{(10)} + m_{011}^{(00)}m_{012}^{(22)}m_{130}^{(00)} + m_{011}^{(00)}m_{003}^{(10)}m_{220}^{(21)}\\
&-m_{011}^{(00)}m_{003}^{(10)}m_{211}^{(11)} - m_{011}^{(00)}m_{003}^{(10)}m_{130}^{(20)} + m_{011}^{(00)}m_{003}^{(10)}m_{121}^{(10)} - m_{011}^{(00)}m_{003}^{(11)}m_{310}^{(21)}
\end{aligned}
$$

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\begin{aligned}
&+m_{011}^{(00)}m_{003}^{(11)}m_{220}^{(20)}+m_{011}^{(00)}m_{003}^{(11)}m_{211}^{(10)}-m_{011}^{(00)}m_{003}^{(11)}m_{121}^{(00)}+m_{011}^{(00)}m_{003}^{(21)}m_{310}^{(11)}\\
&-2m_{011}^{(00)}m_{003}^{(21)}m_{220}^{(10)}+m_{011}^{(00)}m_{003}^{(21)}m_{130}^{(00)}-m_{011}^{(10)}m_{300}^{(10)}m_{022}^{(22)}+2m_{011}^{(10)}m_{300}^{(10)}m_{013}^{(21)}\\
&-m_{011}^{(10)}m_{300}^{(10)}m_{004}^{(11)}+m_{011}^{(10)}m_{300}^{(11)}m_{112}^{(22)}-m_{011}^{(10)}m_{300}^{(11)}m_{103}^{(21)}-m_{011}^{(10)}m_{300}^{(11)}m_{013}^{(20)}\\
&+m_{011}^{(10)}m_{300}^{(11)}m_{004}^{(10)}-m_{011}^{(10)}m_{300}^{(20)}m_{031}^{(22)}+2m_{011}^{(10)}m_{300}^{(20)}m_{022}^{(21)}-m_{011}^{(10)}m_{300}^{(20)}m_{013}^{(11)}\\
&+m_{011}^{(10)}m_{300}^{(21)}m_{121}^{(22)}-2m_{011}^{(10)}m_{300}^{(21)}m_{112}^{(21)}+m_{011}^{(10)}m_{300}^{(21)}m_{103}^{(11)}-m_{011}^{(10)}m_{300}^{(22)}m_{121}^{(21)}\\
&+m_{011}^{(10)}m_{300}^{(22)}m_{112}^{(11)}+m_{011}^{(10)}m_{300}^{(22)}m_{031}^{(20)}-m_{011}^{(10)}m_{300}^{(22)}m_{022}^{(10)}-m_{011}^{(10)}m_{210}^{(00)}m_{022}^{(22)}\\
&+2m_{011}^{(10)}m_{210}^{(00)}m_{013}^{(21)}-m_{011}^{(10)}m_{210}^{(00)}m_{004}^{(11)}+2m_{011}^{(10)}m_{210}^{(10)}m_{112}^{(22)}-2m_{011}^{(10)}m_{210}^{(10)}m_{103}^{(21)}\\
&-2m_{011}^{(10)}m_{210}^{(10)}m_{013}^{(20)}+2m_{011}^{(10)}m_{210}^{(10)}m_{004}^{(10)}-m_{011}^{(10)}m_{210}^{(11)}m_{202}^{(22)}+2m_{011}^{(10)}m_{210}^{(11)}m_{103}^{(20)}\\
&-m_{011}^{(10)}m_{210}^{(11)}m_{004}^{(00)}+2m_{011}^{(10)}m_{210}^{(20)}m_{121}^{(22)}-4m_{011}^{(10)}m_{210}^{(20)}m_{112}^{(21)}+2m_{011}^{(10)}m_{210}^{(20)}m_{103}^{(11)}\\
&-2m_{011}^{(10)}m_{210}^{(21)}m_{211}^{(22)}+2m_{011}^{(10)}m_{210}^{(21)}m_{202}^{(21)}+2m_{011}^{(10)}m_{210}^{(21)}m_{112}^{(20)}-2m_{011}^{(10)}m_{210}^{(21)}m_{103}^{(10)}\\
&+2m_{011}^{(10)}m_{210}^{(22)}m_{211}^{(21)}-m_{011}^{(10)}m_{210}^{(22)}m_{202}^{(11)}-2m_{011}^{(10)}m_{210}^{(22)}m_{121}^{(20)}+m_{011}^{(10)}m_{210}^{(22)}m_{022}^{(00)}\\
&+m_{011}^{(10)}m_{201}^{(00)}m_{031}^{(22)}-2m_{011}^{(10)}m_{201}^{(00)}m_{022}^{(21)}+m_{011}^{(10)}m_{201}^{(00)}m_{013}^{(11)}+m_{011}^{(10)}m_{201}^{(10)}m_{121}^{(22)}\\
&-4m_{011}^{(10)}m_{201}^{(10)}m_{112}^{(21)}+3m_{011}^{(10)}m_{201}^{(10)}m_{103}^{(11)}+2m_{011}^{(10)}m_{201}^{(10)}m_{022}^{(20)}-2m_{011}^{(10)}m_{201}^{(10)}m_{013}^{(10)}\\
&-2m_{011}^{(10)}m_{201}^{(11)}m_{211}^{(22)}+3m_{011}^{(10)}m_{201}^{(11)}m_{202}^{(21)}+m_{011}^{(10)}m_{201}^{(11)}m_{112}^{(20)}-3m_{011}^{(10)}m_{201}^{(11)}m_{103}^{(10)}\\
&+m_{011}^{(10)}m_{201}^{(11)}m_{013}^{(00)}+m_{011}^{(10)}m_{201}^{(20)}m_{130}^{(22)}-2m_{011}^{(10)}m_{201}^{(20)}m_{121}^{(21)}+m_{011}^{(10)}m_{201}^{(20)}m_{112}^{(11)}\\
&-m_{011}^{(10)}m_{201}^{(21)}m_{220}^{(22)}+4m_{011}^{(10)}m_{201}^{(21)}m_{211}^{(21)}-3m_{011}^{(10)}m_{201}^{(21)}m_{202}^{(11)}-2m_{011}^{(10)}m_{201}^{(21)}m_{121}^{(20)}\\
&+2m_{011}^{(10)}m_{201}^{(21)}m_{112}^{(10)}+m_{011}^{(10)}m_{201}^{(22)}m_{220}^{(21)}-2m_{011}^{(10)}m_{201}^{(22)}m_{211}^{(11)}-m_{011}^{(10)}m_{201}^{(22)}m_{130}^{(20)}\\
&+3m_{011}^{(10)}m_{201}^{(22)}m_{121}^{(10)}-m_{011}^{(10)}m_{201}^{(22)}m_{031}^{(00)}+m_{011}^{(10)}m_{120}^{(00)}m_{112}^{(22)}-m_{011}^{(10)}m_{120}^{(00)}m_{103}^{(21)}\\
&-m_{011}^{(10)}m_{120}^{(00)}m_{013}^{(20)}+m_{011}^{(10)}m_{120}^{(00)}m_{004}^{(10)}-m_{011}^{(10)}m_{120}^{(10)}m_{202}^{(22)}+2m_{011}^{(10)}m_{120}^{(10)}m_{103}^{(20)}\\
&-m_{011}^{(10)}m_{120}^{(10)}m_{004}^{(00)}-m_{011}^{(10)}m_{120}^{(20)}m_{211}^{(22)}+2m_{011}^{(10)}m_{120}^{(20)}m_{202}^{(21)}-2m_{011}^{(10)}m_{120}^{(20)}m_{103}^{(10)}\\
&+m_{011}^{(10)}m_{120}^{(20)}m_{013}^{(00)}+m_{011}^{(10)}m_{120}^{(21)}m_{301}^{(22)}-2m_{011}^{(10)}m_{120}^{(21)}m_{202}^{(20)}+m_{011}^{(10)}m_{120}^{(21)}m_{103}^{(00)}\\
&-m_{011}^{(10)}m_{120}^{(22)}m_{301}^{(21)}+m_{011}^{(10)}m_{120}^{(22)}m_{211}^{(20)}+m_{011}^{(10)}m_{120}^{(22)}m_{202}^{(10)}-m_{011}^{(10)}m_{120}^{(22)}m_{112}^{(00)}\\
&-2m_{011}^{(10)}m_{111}^{(00)}m_{112}^{(21)}+2m_{011}^{(10)}m_{111}^{(00)}m_{103}^{(11)}+2m_{011}^{(10)}m_{111}^{(00)}m_{022}^{(20)}-2m_{011}^{(10)}m_{111}^{(00)}m_{013}^{(10)}\\
&-2m_{011}^{(10)}m_{111}^{(10)}m_{211}^{(22)}+4m_{011}^{(10)}m_{111}^{(10)}m_{202}^{(21)}-4m_{011}^{(10)}m_{111}^{(10)}m_{103}^{(10)}+2m_{011}^{(10)}m_{111}^{(10)}m_{013}^{(00)}\\
&+2m_{011}^{(10)}m_{111}^{(11)}m_{301}^{(22)}-4m_{011}^{(10)}m_{111}^{(11)}m_{202}^{(20)}+2m_{011}^{(10)}m_{111}^{(11)}m_{103}^{(00)}-2m_{011}^{(10)}m_{111}^{(20)}m_{220}^{(22)}\\
&+4m_{011}^{(10)}m_{111}^{(20)}m_{211}^{(21)}-4m_{011}^{(10)}m_{111}^{(20)}m_{202}^{(11)}+4m_{011}^{(10)}m_{111}^{(20)}m_{112}^{(10)}-2m_{011}^{(10)}m_{111}^{(20)}m_{022}^{(00)}\\
&+2m_{011}^{(10)}m_{111}^{(21)}m_{310}^{(22)}-4m_{011}^{(10)}m_{111}^{(21)}m_{301}^{(21)}+4m_{011}^{(10)}m_{111}^{(21)}m_{202}^{(10)}-2m_{011}^{(10)}m_{111}^{(21)}m_{112}^{(00)}\\
&-2m_{011}^{(10)}m_{111}^{(22)}m_{310}^{(21)}+2m_{011}^{(10)}m_{111}^{(22)}m_{301}^{(11)}+2m_{011}^{(10)}m_{111}^{(22)}m_{220}^{(20)}-2m_{011}^{(10)}m_{111}^{(22)}m_{211}^{(10)}\\
&-m_{011}^{(10)}m_{102}^{(00)}m_{130}^{(22)}+3m_{011}^{(10)}m_{102}^{(00)}m_{121}^{(21)}-2m_{011}^{(10)}m_{102}^{(00)}m_{112}^{(11)}-m_{011}^{(10)}m_{102}^{(00)}m_{031}^{(20)}\\
&+m_{011}^{(10)}m_{102}^{(00)}m_{022}^{(10)}+2m_{011}^{(10)}m_{102}^{(10)}m_{211}^{(21)}-3m_{011}^{(10)}m_{102}^{(10)}m_{202}^{(11)}-2m_{011}^{(10)}m_{102}^{(10)}m_{121}^{(20)}\\
&+4m_{011}^{(10)}m_{102}^{(10)}m_{112}^{(10)}-m_{011}^{(10)}m_{102}^{(10)}m_{022}^{(00)}+m_{011}^{(10)}m_{102}^{(11)}m_{310}^{(22)}-3m_{011}^{(10)}m_{102}^{(11)}m_{301}^{(21)}\\
&+m_{011}^{(10)}m_{102}^{(11)}m_{211}^{(20)}+3m_{011}^{(10)}m_{102}^{(11)}m_{202}^{(10)}-2m_{011}^{(10)}m_{102}^{(11)}m_{112}^{(00)}+m_{011}^{(10)}m_{102}^{(20)}m_{211}^{(11)}\\
&-2m_{011}^{(10)}m_{102}^{(20)}m_{121}^{(10)}+m_{011}^{(10)}m_{102}^{(20)}m_{031}^{(00)}-2m_{011}^{(10)}m_{102}^{(21)}m_{310}^{(21)}+3m_{011}^{(10)}m_{102}^{(21)}m_{301}^{(11)}\\
&+2m_{011}^{(10)}m_{102}^{(21)}m_{220}^{(20)}-4m_{011}^{(10)}m_{102}^{(21)}m_{211}^{(10)}+m_{011}^{(10)}m_{102}^{(21)}m_{121}^{(00)}+m_{011}^{(10)}m_{102}^{(22)}m_{310}^{(11)}\\
&-2m_{011}^{(10)}m_{102}^{(22)}m_{220}^{(10)}+m_{011}^{(10)}m_{102}^{(22)}m_{130}^{(00)}-m_{011}^{(10)}m_{021}^{(00)}m_{211}^{(22)}+m_{011}^{(10)}m_{021}^{(00)}m_{202}^{(21)}\\
&+m_{011}^{(10)}m_{021}^{(00)}m_{112}^{(20)}-m_{011}^{(10)}m_{021}^{(00)}m_{103}^{(10)}+m_{011}^{(10)}m_{021}^{(10)}m_{301}^{(22)}-2m_{011}^{(10)}m_{021}^{(10)}m_{202}^{(20)}\\
&+m_{011}^{(10)}m_{021}^{(10)}m_{103}^{(00)}+m_{011}^{(10)}m_{021}^{(20)}m_{310}^{(22)}-2m_{011}^{(10)}m_{021}^{(20)}m_{301}^{(21)}+2m_{011}^{(10)}m_{021}^{(20)}m_{202}^{(10)}\\
&-m_{011}^{(10)}m_{021}^{(20)}m_{112}^{(00)}-m_{011}^{(10)}m_{021}^{(21)}m_{400}^{(22)}+2m_{011}^{(10)}m_{021}^{(21)}m_{301}^{(20)}-m_{011}^{(10)}m_{021}^{(21)}m_{202}^{(00)}
\end{aligned}
$$

$$+m_{011}^{(10)}m_{021}^{(22)}m_{400}^{(21)} - m_{011}^{(10)}m_{021}^{(22)}m_{310}^{(20)} - m_{011}^{(10)}m_{021}^{(22)}m_{301}^{(10)} + m_{011}^{(10)}m_{021}^{(22)}m_{211}^{(00)}$$
$$+m_{011}^{(10)}m_{012}^{(00)}m_{220}^{(22)} - m_{011}^{(10)}m_{012}^{(00)}m_{202}^{(11)} - 2m_{011}^{(10)}m_{012}^{(00)}m_{121}^{(20)} + 2m_{011}^{(10)}m_{012}^{(00)}m_{112}^{(10)}$$
$$-2m_{011}^{(10)}m_{012}^{(10)}m_{301}^{(21)} + 2m_{011}^{(10)}m_{012}^{(10)}m_{211}^{(20)} + 2m_{011}^{(10)}m_{012}^{(10)}m_{202}^{(10)} - 2m_{011}^{(10)}m_{012}^{(10)}m_{112}^{(00)}$$
$$-m_{011}^{(10)}m_{012}^{(11)}m_{400}^{(22)} + 2m_{011}^{(10)}m_{012}^{(11)}m_{301}^{(20)} - m_{011}^{(10)}m_{012}^{(11)}m_{202}^{(00)} + 2m_{011}^{(10)}m_{012}^{(20)}m_{301}^{(11)}$$
$$-4m_{011}^{(10)}m_{012}^{(20)}m_{211}^{(10)} + 2m_{011}^{(10)}m_{012}^{(20)}m_{121}^{(00)} + 2m_{011}^{(10)}m_{012}^{(21)}m_{400}^{(21)} - 2m_{011}^{(10)}m_{012}^{(21)}m_{310}^{(20)}$$
$$-2m_{011}^{(10)}m_{012}^{(21)}m_{301}^{(10)} + 2m_{011}^{(10)}m_{012}^{(21)}m_{211}^{(00)} - m_{011}^{(10)}m_{012}^{(22)}m_{400}^{(11)} + 2m_{011}^{(10)}m_{012}^{(22)}m_{310}^{(10)}$$
$$-m_{011}^{(10)}m_{012}^{(22)}m_{220}^{(00)} - m_{011}^{(10)}m_{003}^{(00)}m_{220}^{(21)} + m_{011}^{(10)}m_{003}^{(00)}m_{211}^{(11)} + m_{011}^{(10)}m_{003}^{(00)}m_{130}^{(20)}$$
$$-m_{011}^{(10)}m_{003}^{(00)}m_{121}^{(10)} + m_{011}^{(10)}m_{003}^{(10)}m_{301}^{(11)} - 2m_{011}^{(10)}m_{003}^{(10)}m_{211}^{(10)} + m_{011}^{(10)}m_{003}^{(10)}m_{121}^{(00)}$$
$$+m_{011}^{(10)}m_{003}^{(11)}m_{400}^{(21)} - m_{011}^{(10)}m_{003}^{(11)}m_{310}^{(20)} - m_{011}^{(10)}m_{003}^{(11)}m_{301}^{(10)} + m_{011}^{(10)}m_{003}^{(11)}m_{211}^{(00)}$$
$$-m_{011}^{(10)}m_{003}^{(20)}m_{310}^{(11)} + 2m_{011}^{(10)}m_{003}^{(20)}m_{220}^{(10)} - m_{011}^{(10)}m_{003}^{(20)}m_{130}^{(00)} - m_{011}^{(10)}m_{003}^{(21)}m_{400}^{(11)}$$
$$+2m_{011}^{(10)}m_{003}^{(21)}m_{310}^{(10)} - m_{011}^{(10)}m_{003}^{(21)}m_{220}^{(00)} + m_{011}^{(11)}m_{300}^{(00)}m_{022}^{(22)} - 2m_{011}^{(11)}m_{300}^{(00)}m_{013}^{(21)}$$
$$+m_{011}^{(11)}m_{300}^{(00)}m_{004}^{(11)} - m_{011}^{(11)}m_{300}^{(10)}m_{112}^{(22)} + m_{011}^{(11)}m_{300}^{(10)}m_{103}^{(21)} + m_{011}^{(11)}m_{300}^{(10)}m_{013}^{(20)}$$
$$-m_{011}^{(11)}m_{300}^{(10)}m_{004}^{(10)} + m_{011}^{(11)}m_{300}^{(20)}m_{112}^{(21)} - m_{011}^{(11)}m_{300}^{(20)}m_{103}^{(11)} - m_{011}^{(11)}m_{300}^{(20)}m_{022}^{(20)}$$
$$+m_{011}^{(11)}m_{300}^{(20)}m_{013}^{(10)} - m_{011}^{(11)}m_{210}^{(00)}m_{112}^{(22)} + m_{011}^{(11)}m_{210}^{(00)}m_{103}^{(21)} + m_{011}^{(11)}m_{210}^{(00)}m_{013}^{(20)}$$
$$-m_{011}^{(11)}m_{210}^{(00)}m_{004}^{(10)} + m_{011}^{(11)}m_{210}^{(10)}m_{202}^{(22)} - 2m_{011}^{(11)}m_{210}^{(10)}m_{103}^{(20)} + m_{011}^{(11)}m_{210}^{(10)}m_{004}^{(00)}$$
$$-m_{011}^{(11)}m_{210}^{(20)}m_{202}^{(21)} + m_{011}^{(11)}m_{210}^{(20)}m_{112}^{(20)} + m_{011}^{(11)}m_{210}^{(20)}m_{103}^{(10)} - m_{011}^{(11)}m_{210}^{(20)}m_{013}^{(00)}$$
$$-2m_{011}^{(11)}m_{201}^{(00)}m_{121}^{(22)} + 5m_{011}^{(11)}m_{201}^{(00)}m_{112}^{(21)} - 3m_{011}^{(11)}m_{201}^{(00)}m_{103}^{(11)} - m_{011}^{(11)}m_{201}^{(00)}m_{022}^{(20)}$$
$$+m_{011}^{(11)}m_{201}^{(00)}m_{013}^{(10)} + 2m_{011}^{(11)}m_{201}^{(10)}m_{211}^{(22)} - 3m_{011}^{(11)}m_{201}^{(10)}m_{202}^{(21)} - m_{011}^{(11)}m_{201}^{(10)}m_{112}^{(20)}$$
$$+3m_{011}^{(11)}m_{201}^{(10)}m_{103}^{(10)} - m_{011}^{(11)}m_{201}^{(10)}m_{013}^{(00)} - 2m_{011}^{(11)}m_{201}^{(20)}m_{211}^{(21)} + 3m_{011}^{(11)}m_{201}^{(20)}m_{202}^{(11)}$$
$$+2m_{011}^{(11)}m_{201}^{(20)}m_{121}^{(20)} - 4m_{011}^{(11)}m_{201}^{(20)}m_{112}^{(10)} + m_{011}^{(11)}m_{201}^{(20)}m_{022}^{(00)} + 2m_{011}^{(11)}m_{111}^{(00)}m_{211}^{(22)}$$
$$-2m_{011}^{(11)}m_{111}^{(00)}m_{202}^{(21)} - 2m_{011}^{(11)}m_{111}^{(00)}m_{112}^{(20)} + 2m_{011}^{(11)}m_{111}^{(00)}m_{103}^{(10)} - 2m_{011}^{(11)}m_{111}^{(10)}m_{301}^{(22)}$$
$$+4m_{011}^{(11)}m_{111}^{(10)}m_{202}^{(20)} - 2m_{011}^{(11)}m_{111}^{(10)}m_{103}^{(00)} + 2m_{011}^{(11)}m_{111}^{(20)}m_{301}^{(21)} - 2m_{011}^{(11)}m_{111}^{(20)}m_{211}^{(20)}$$
$$-2m_{011}^{(11)}m_{111}^{(20)}m_{202}^{(10)} + 2m_{011}^{(11)}m_{111}^{(20)}m_{112}^{(00)} + m_{011}^{(11)}m_{102}^{(00)}m_{220}^{(22)} - 4m_{011}^{(11)}m_{102}^{(00)}m_{211}^{(21)}$$
$$+3m_{011}^{(11)}m_{102}^{(00)}m_{202}^{(11)} + 2m_{011}^{(11)}m_{102}^{(00)}m_{121}^{(20)} - 2m_{011}^{(11)}m_{102}^{(00)}m_{112}^{(10)} - m_{011}^{(11)}m_{102}^{(10)}m_{310}^{(22)}$$
$$+3m_{011}^{(11)}m_{102}^{(10)}m_{301}^{(21)} - m_{011}^{(11)}m_{102}^{(10)}m_{211}^{(20)} - 3m_{011}^{(11)}m_{102}^{(10)}m_{202}^{(10)} + 2m_{011}^{(11)}m_{102}^{(10)}m_{112}^{(00)}$$
$$+m_{011}^{(11)}m_{102}^{(20)}m_{310}^{(21)} - 3m_{011}^{(11)}m_{102}^{(20)}m_{301}^{(11)} - m_{011}^{(11)}m_{102}^{(20)}m_{220}^{(20)} + 5m_{011}^{(11)}m_{102}^{(20)}m_{211}^{(10)}$$
$$-2m_{011}^{(11)}m_{102}^{(20)}m_{121}^{(00)} - m_{011}^{(11)}m_{012}^{(00)}m_{310}^{(22)} + m_{011}^{(11)}m_{012}^{(00)}m_{301}^{(21)} + m_{011}^{(11)}m_{012}^{(00)}m_{211}^{(20)}$$
$$-m_{011}^{(11)}m_{012}^{(00)}m_{202}^{(10)} + m_{011}^{(11)}m_{012}^{(10)}m_{400}^{(22)} - 2m_{011}^{(11)}m_{012}^{(10)}m_{301}^{(20)} + m_{011}^{(11)}m_{012}^{(10)}m_{202}^{(00)}$$
$$-m_{011}^{(11)}m_{012}^{(20)}m_{400}^{(21)} + m_{011}^{(11)}m_{012}^{(20)}m_{310}^{(20)} + m_{011}^{(11)}m_{012}^{(20)}m_{301}^{(10)} - m_{011}^{(11)}m_{012}^{(20)}m_{211}^{(00)}$$
$$+m_{011}^{(11)}m_{003}^{(00)}m_{310}^{(21)} - m_{011}^{(11)}m_{003}^{(00)}m_{301}^{(11)} - m_{011}^{(11)}m_{003}^{(00)}m_{220}^{(20)} + m_{011}^{(11)}m_{003}^{(00)}m_{211}^{(10)}$$
$$-m_{011}^{(11)}m_{003}^{(10)}m_{400}^{(21)} + m_{011}^{(11)}m_{003}^{(10)}m_{310}^{(20)} + m_{011}^{(11)}m_{003}^{(10)}m_{301}^{(10)} - m_{011}^{(11)}m_{003}^{(10)}m_{211}^{(00)}$$
$$+m_{011}^{(11)}m_{003}^{(20)}m_{400}^{(11)} - 2m_{011}^{(11)}m_{003}^{(20)}m_{310}^{(10)} + m_{011}^{(11)}m_{003}^{(20)}m_{220}^{(00)} + m_{011}^{(20)}m_{300}^{(10)}m_{031}^{(22)}$$
$$-2m_{011}^{(20)}m_{300}^{(10)}m_{022}^{(21)} + m_{011}^{(20)}m_{300}^{(10)}m_{013}^{(11)} - m_{011}^{(20)}m_{300}^{(11)}m_{121}^{(22)} + m_{011}^{(20)}m_{300}^{(11)}m_{112}^{(21)}$$
$$+m_{011}^{(20)}m_{300}^{(11)}m_{022}^{(20)} - m_{011}^{(20)}m_{300}^{(11)}m_{013}^{(10)} + m_{011}^{(20)}m_{300}^{(20)}m_{040}^{(22)} - 2m_{011}^{(20)}m_{300}^{(20)}m_{031}^{(21)}$$
$$+m_{011}^{(20)}m_{300}^{(20)}m_{022}^{(11)} - m_{011}^{(20)}m_{300}^{(21)}m_{130}^{(22)} + 2m_{011}^{(20)}m_{300}^{(21)}m_{121}^{(21)} - m_{011}^{(20)}m_{300}^{(21)}m_{112}^{(11)}$$
$$+m_{011}^{(20)}m_{300}^{(22)}m_{130}^{(21)} - m_{011}^{(20)}m_{300}^{(22)}m_{121}^{(11)} - m_{011}^{(20)}m_{300}^{(22)}m_{040}^{(20)} + m_{011}^{(20)}m_{300}^{(22)}m_{031}^{(10)}$$
$$-m_{011}^{(20)}m_{210}^{(00)}m_{031}^{(22)} + 2m_{011}^{(20)}m_{210}^{(00)}m_{022}^{(21)} - m_{011}^{(20)}m_{210}^{(00)}m_{013}^{(11)} - m_{011}^{(20)}m_{210}^{(10)}m_{121}^{(22)}$$
$$+2m_{011}^{(20)}m_{210}^{(10)}m_{112}^{(21)} - m_{011}^{(20)}m_{210}^{(10)}m_{103}^{(11)} + 2m_{011}^{(20)}m_{210}^{(11)}m_{211}^{(22)} - m_{011}^{(20)}m_{210}^{(11)}m_{202}^{(21)}$$

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\begin{aligned}
&-3m_{011}^{(20)}m_{210}^{(11)}m_{112}^{(20)} + m_{011}^{(20)}m_{210}^{(11)}m_{103}^{(10)} + m_{011}^{(20)}m_{210}^{(11)}m_{013}^{(00)} - 3m_{011}^{(20)}m_{210}^{(20)}m_{130}^{(22)}\\
&+4m_{011}^{(20)}m_{210}^{(20)}m_{121}^{(21)} - m_{011}^{(20)}m_{210}^{(20)}m_{112}^{(11)} + 2m_{011}^{(20)}m_{210}^{(20)}m_{031}^{(20)} - 2m_{011}^{(20)}m_{210}^{(20)}m_{022}^{(10)}\\
&+3m_{011}^{(20)}m_{210}^{(21)}m_{220}^{(22)} - 4m_{011}^{(20)}m_{210}^{(21)}m_{211}^{(21)} + m_{011}^{(20)}m_{210}^{(21)}m_{202}^{(11)} - 2m_{011}^{(20)}m_{210}^{(21)}m_{121}^{(20)}\\
&+2m_{011}^{(20)}m_{210}^{(21)}m_{112}^{(10)} - 3m_{011}^{(20)}m_{210}^{(22)}m_{220}^{(21)} + 2m_{011}^{(20)}m_{210}^{(22)}m_{211}^{(11)} + 3m_{011}^{(20)}m_{210}^{(22)}m_{130}^{(20)}\\
&-m_{011}^{(20)}m_{210}^{(22)}m_{121}^{(10)} - m_{011}^{(20)}m_{210}^{(22)}m_{031}^{(00)} + m_{011}^{(20)}m_{201}^{(00)}m_{040}^{(22)} - 2m_{011}^{(20)}m_{201}^{(00)}m_{031}^{(21)}\\
&+m_{011}^{(20)}m_{201}^{(00)}m_{022}^{(11)} - 2m_{011}^{(20)}m_{201}^{(10)}m_{130}^{(22)} + 4m_{011}^{(20)}m_{201}^{(10)}m_{121}^{(21)} - 2m_{011}^{(20)}m_{201}^{(10)}m_{112}^{(11)}\\
&+m_{011}^{(20)}m_{201}^{(11)}m_{220}^{(22)} - 2m_{011}^{(20)}m_{201}^{(11)}m_{211}^{(21)} + 2m_{011}^{(20)}m_{201}^{(11)}m_{112}^{(10)} - m_{011}^{(20)}m_{201}^{(11)}m_{022}^{(00)}\\
&+2m_{011}^{(20)}m_{201}^{(20)}m_{130}^{(21)} - 2m_{011}^{(20)}m_{201}^{(20)}m_{121}^{(11)} - 2m_{011}^{(20)}m_{201}^{(20)}m_{040}^{(20)} + 2m_{011}^{(20)}m_{201}^{(20)}m_{031}^{(10)}\\
&-2m_{011}^{(20)}m_{201}^{(21)}m_{220}^{(21)} + 2m_{011}^{(20)}m_{201}^{(21)}m_{211}^{(11)} + 2m_{011}^{(20)}m_{201}^{(21)}m_{130}^{(20)} - 2m_{011}^{(20)}m_{201}^{(21)}m_{121}^{(10)}\\
&+m_{011}^{(20)}m_{201}^{(22)}m_{220}^{(11)} - 2m_{011}^{(20)}m_{201}^{(22)}m_{130}^{(10)} + m_{011}^{(20)}m_{201}^{(22)}m_{040}^{(00)} + 2m_{011}^{(20)}m_{120}^{(00)}m_{121}^{(22)}\\
&-3m_{011}^{(20)}m_{120}^{(00)}m_{112}^{(21)} + m_{011}^{(20)}m_{120}^{(00)}m_{103}^{(11)} - m_{011}^{(20)}m_{120}^{(00)}m_{022}^{(20)} + m_{011}^{(20)}m_{120}^{(00)}m_{013}^{(10)}\\
&-m_{011}^{(20)}m_{120}^{(10)}m_{211}^{(22)} + 2m_{011}^{(20)}m_{120}^{(10)}m_{112}^{(20)} - m_{011}^{(20)}m_{120}^{(10)}m_{013}^{(00)} - m_{011}^{(20)}m_{120}^{(11)}m_{301}^{(22)}\\
&+2m_{011}^{(20)}m_{120}^{(11)}m_{202}^{(20)} - m_{011}^{(20)}m_{120}^{(11)}m_{103}^{(00)} + 3m_{011}^{(20)}m_{120}^{(20)}m_{220}^{(22)} - 2m_{011}^{(20)}m_{120}^{(20)}m_{211}^{(21)}\\
&-4m_{011}^{(20)}m_{120}^{(20)}m_{121}^{(20)} + 2m_{011}^{(20)}m_{120}^{(20)}m_{112}^{(10)} + m_{011}^{(20)}m_{120}^{(20)}m_{022}^{(00)} - 3m_{011}^{(20)}m_{120}^{(21)}m_{310}^{(22)}\\
&+2m_{011}^{(20)}m_{120}^{(21)}m_{301}^{(21)} + 4m_{011}^{(20)}m_{120}^{(21)}m_{211}^{(20)} - 2m_{011}^{(20)}m_{120}^{(21)}m_{202}^{(10)} - m_{011}^{(20)}m_{120}^{(21)}m_{112}^{(00)}\\
&+3m_{011}^{(20)}m_{120}^{(22)}m_{310}^{(21)} - m_{011}^{(20)}m_{120}^{(22)}m_{301}^{(11)} - 3m_{011}^{(20)}m_{120}^{(22)}m_{220}^{(20)} - m_{011}^{(20)}m_{120}^{(22)}m_{211}^{(10)}\\
&+2m_{011}^{(20)}m_{120}^{(22)}m_{121}^{(00)} - 2m_{011}^{(20)}m_{111}^{(00)}m_{130}^{(22)} + 2m_{011}^{(20)}m_{111}^{(00)}m_{121}^{(21)} + 2m_{011}^{(20)}m_{111}^{(00)}m_{031}^{(20)}\\
&-2m_{011}^{(20)}m_{111}^{(00)}m_{022}^{(10)} + 4m_{011}^{(20)}m_{111}^{(10)}m_{220}^{(22)} - 4m_{011}^{(20)}m_{111}^{(10)}m_{211}^{(21)} + 2m_{011}^{(20)}m_{111}^{(10)}m_{202}^{(11)}\\
&-4m_{011}^{(20)}m_{111}^{(10)}m_{121}^{(20)} + 2m_{011}^{(20)}m_{111}^{(10)}m_{022}^{(00)} - 2m_{011}^{(20)}m_{111}^{(11)}m_{310}^{(22)} + 2m_{011}^{(20)}m_{111}^{(11)}m_{301}^{(21)}\\
&+2m_{011}^{(20)}m_{111}^{(11)}m_{211}^{(20)} - 2m_{011}^{(20)}m_{111}^{(11)}m_{202}^{(10)} - 4m_{011}^{(20)}m_{111}^{(20)}m_{220}^{(21)} + 2m_{011}^{(20)}m_{111}^{(20)}m_{211}^{(11)}\\
&+4m_{011}^{(20)}m_{111}^{(20)}m_{130}^{(20)} - 2m_{011}^{(20)}m_{111}^{(20)}m_{031}^{(00)} + 4m_{011}^{(20)}m_{111}^{(21)}m_{310}^{(21)} - 2m_{011}^{(20)}m_{111}^{(21)}m_{301}^{(11)}\\
&-4m_{011}^{(20)}m_{111}^{(21)}m_{220}^{(20)} + 2m_{011}^{(20)}m_{111}^{(21)}m_{121}^{(00)} - 2m_{011}^{(20)}m_{111}^{(22)}m_{310}^{(11)} + 4m_{011}^{(20)}m_{111}^{(22)}m_{220}^{(10)}\\
&-2m_{011}^{(20)}m_{111}^{(22)}m_{130}^{(00)} + m_{011}^{(20)}m_{102}^{(00)}m_{130}^{(21)} - m_{011}^{(20)}m_{102}^{(00)}m_{121}^{(11)} - m_{011}^{(20)}m_{102}^{(00)}m_{040}^{(20)}\\
&+m_{011}^{(20)}m_{102}^{(00)}m_{031}^{(10)} - 2m_{011}^{(20)}m_{102}^{(10)}m_{220}^{(21)} + m_{011}^{(20)}m_{102}^{(10)}m_{211}^{(11)} + 2m_{011}^{(20)}m_{102}^{(10)}m_{130}^{(20)}\\
&-m_{011}^{(20)}m_{102}^{(10)}m_{031}^{(00)} + m_{011}^{(20)}m_{102}^{(11)}m_{310}^{(21)} - m_{011}^{(20)}m_{102}^{(11)}m_{220}^{(20)} - m_{011}^{(20)}m_{102}^{(11)}m_{211}^{(10)}\\
&+m_{011}^{(20)}m_{102}^{(11)}m_{121}^{(00)} + m_{011}^{(20)}m_{102}^{(20)}m_{220}^{(11)} - 2m_{011}^{(20)}m_{102}^{(20)}m_{130}^{(10)} + m_{011}^{(20)}m_{102}^{(20)}m_{040}^{(00)}\\
&-m_{011}^{(20)}m_{102}^{(21)}m_{310}^{(11)} + 2m_{011}^{(20)}m_{102}^{(21)}m_{220}^{(10)} - m_{011}^{(20)}m_{102}^{(21)}m_{130}^{(00)} - m_{011}^{(20)}m_{030}^{(00)}m_{211}^{(22)}\\
&+m_{011}^{(20)}m_{030}^{(00)}m_{202}^{(21)} + m_{011}^{(20)}m_{030}^{(00)}m_{112}^{(20)} - m_{011}^{(20)}m_{030}^{(00)}m_{103}^{(10)} + m_{011}^{(20)}m_{030}^{(10)}m_{301}^{(22)}\\
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&-m_{011}^{(20)}m_{030}^{(20)}m_{112}^{(00)} + m_{011}^{(20)}m_{030}^{(21)}m_{400}^{(22)} - 2m_{011}^{(20)}m_{030}^{(21)}m_{301}^{(20)} + m_{011}^{(20)}m_{030}^{(21)}m_{202}^{(00)}\\
&-m_{011}^{(20)}m_{030}^{(22)}m_{400}^{(21)} + m_{011}^{(20)}m_{030}^{(22)}m_{310}^{(20)} + m_{011}^{(20)}m_{030}^{(22)}m_{301}^{(10)} - m_{011}^{(20)}m_{030}^{(22)}m_{211}^{(00)}\\
&+m_{011}^{(20)}m_{021}^{(00)}m_{220}^{(22)} - m_{011}^{(20)}m_{021}^{(00)}m_{202}^{(11)} - 2m_{011}^{(20)}m_{021}^{(00)}m_{121}^{(20)} + 2m_{011}^{(20)}m_{021}^{(00)}m_{112}^{(10)}\\
&-2m_{011}^{(20)}m_{021}^{(10)}m_{310}^{(22)} + 4m_{011}^{(20)}m_{021}^{(10)}m_{211}^{(20)} - 2m_{011}^{(20)}m_{021}^{(10)}m_{112}^{(00)} + m_{011}^{(20)}m_{021}^{(11)}m_{400}^{(22)}\\
&-2m_{011}^{(20)}m_{021}^{(11)}m_{301}^{(20)} + m_{011}^{(20)}m_{021}^{(11)}m_{202}^{(00)} + 2m_{011}^{(20)}m_{021}^{(20)}m_{310}^{(21)} - 2m_{011}^{(20)}m_{021}^{(20)}m_{220}^{(20)}\\
&-2m_{011}^{(20)}m_{021}^{(20)}m_{211}^{(10)} + 2m_{011}^{(20)}m_{021}^{(20)}m_{121}^{(00)} - 2m_{011}^{(20)}m_{021}^{(21)}m_{400}^{(21)} + 2m_{011}^{(20)}m_{021}^{(21)}m_{310}^{(20)}\\
&+2m_{011}^{(20)}m_{021}^{(21)}m_{301}^{(10)} - 2m_{011}^{(20)}m_{021}^{(20)}m_{211}^{(00)} + m_{011}^{(20)}m_{021}^{(22)}m_{400}^{(11)} - 2m_{011}^{(20)}m_{021}^{(20)}m_{310}^{(10)}\\
&+m_{011}^{(20)}m_{021}^{(22)}m_{220}^{(00)} - m_{011}^{(20)}m_{012}^{(00)}m_{220}^{(21)} + m_{011}^{(20)}m_{012}^{(00)}m_{211}^{(11)} + m_{011}^{(20)}m_{012}^{(00)}m_{130}^{(20)}\\
&-m_{011}^{(20)}m_{012}^{(00)}m_{121}^{(10)} + 2m_{011}^{(20)}m_{012}^{(10)}m_{310}^{(21)} - m_{011}^{(20)}m_{012}^{(10)}m_{301}^{(11)} - 2m_{011}^{(20)}m_{012}^{(10)}m_{220}^{(20)}
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&+m_{011}^{(20)}m_{012}^{(10)}m_{121}^{(00)} - m_{011}^{(20)}m_{012}^{(11)}m_{400}^{(21)} + m_{011}^{(20)}m_{012}^{(11)}m_{310}^{(20)} + m_{011}^{(20)}m_{012}^{(11)}m_{301}^{(10)}\\
&-m_{011}^{(20)}m_{012}^{(11)}m_{211}^{(00)} - m_{011}^{(20)}m_{012}^{(20)}m_{310}^{(11)} + 2m_{011}^{(20)}m_{012}^{(20)}m_{220}^{(10)} - m_{011}^{(20)}m_{012}^{(20)}m_{130}^{(00)}\\
&+m_{011}^{(20)}m_{012}^{(21)}m_{400}^{(11)} - 2m_{011}^{(20)}m_{012}^{(21)}m_{310}^{(10)} + m_{011}^{(20)}m_{012}^{(21)}m_{220}^{(00)} - m_{011}^{(22)}m_{300}^{(00)}m_{040}^{(22)}\\
&+2m_{011}^{(22)}m_{300}^{(00)}m_{031}^{(21)} - m_{011}^{(22)}m_{300}^{(00)}m_{022}^{(11)} + m_{011}^{(22)}m_{300}^{(10)}m_{130}^{(22)} - m_{011}^{(22)}m_{300}^{(10)}m_{121}^{(21)}\\
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&+m_{011}^{(22)}m_{300}^{(20)}m_{040}^{(20)} - m_{011}^{(22)}m_{300}^{(20)}m_{031}^{(10)} + 3m_{011}^{(22)}m_{210}^{(00)}m_{130}^{(22)} - 5m_{011}^{(22)}m_{210}^{(00)}m_{121}^{(21)}\\
&+2m_{011}^{(22)}m_{210}^{(00)}m_{112}^{(11)} - m_{011}^{(22)}m_{210}^{(00)}m_{031}^{(20)} + m_{011}^{(22)}m_{210}^{(00)}m_{022}^{(10)} - 3m_{011}^{(22)}m_{210}^{(10)}m_{220}^{(22)}\\
&+2m_{011}^{(22)}m_{210}^{(10)}m_{211}^{(21)} + 4m_{011}^{(22)}m_{210}^{(10)}m_{121}^{(20)} - 2m_{011}^{(22)}m_{210}^{(10)}m_{112}^{(10)} - m_{011}^{(22)}m_{210}^{(10)}m_{022}^{(00)}\\
&+3m_{011}^{(22)}m_{210}^{(20)}m_{220}^{(21)} - 2m_{011}^{(22)}m_{210}^{(20)}m_{211}^{(11)} - 3m_{011}^{(22)}m_{210}^{(20)}m_{130}^{(20)} + m_{011}^{(22)}m_{210}^{(20)}m_{121}^{(10)}\\
&+m_{011}^{(22)}m_{210}^{(20)}m_{031}^{(00)} - m_{011}^{(22)}m_{201}^{(00)}m_{130}^{(21)} + m_{011}^{(22)}m_{201}^{(00)}m_{121}^{(11)} + m_{011}^{(22)}m_{201}^{(00)}m_{040}^{(20)}\\
&-m_{011}^{(22)}m_{201}^{(00)}m_{031}^{(10)} + m_{011}^{(22)}m_{201}^{(10)}m_{220}^{(21)} - m_{011}^{(22)}m_{201}^{(10)}m_{130}^{(20)} - m_{011}^{(22)}m_{201}^{(10)}m_{121}^{(10)}\\
&+m_{011}^{(22)}m_{201}^{(10)}m_{031}^{(00)} - m_{011}^{(22)}m_{201}^{(20)}m_{220}^{(11)} + 2m_{011}^{(22)}m_{201}^{(20)}m_{130}^{(10)} - m_{011}^{(22)}m_{201}^{(20)}m_{040}^{(00)}\\
&-3m_{011}^{(22)}m_{120}^{(00)}m_{220}^{(22)} + 4m_{011}^{(22)}m_{120}^{(00)}m_{211}^{(21)} - m_{011}^{(22)}m_{120}^{(00)}m_{202}^{(11)} + 2m_{011}^{(22)}m_{120}^{(00)}m_{121}^{(20)}\\
&-2m_{011}^{(22)}m_{120}^{(00)}m_{112}^{(10)} + 3m_{011}^{(22)}m_{120}^{(10)}m_{310}^{(22)} - m_{011}^{(22)}m_{120}^{(10)}m_{301}^{(21)} - 5m_{011}^{(22)}m_{120}^{(10)}m_{211}^{(20)}\\
&+m_{011}^{(22)}m_{120}^{(10)}m_{202}^{(10)} + 2m_{011}^{(22)}m_{120}^{(10)}m_{112}^{(00)} - 3m_{011}^{(22)}m_{120}^{(20)}m_{310}^{(21)} + m_{011}^{(22)}m_{120}^{(20)}m_{301}^{(11)}\\
&+3m_{011}^{(22)}m_{120}^{(20)}m_{220}^{(20)} + m_{011}^{(22)}m_{120}^{(20)}m_{211}^{(10)} - 2m_{011}^{(22)}m_{120}^{(20)}m_{121}^{(00)} + 2m_{011}^{(22)}m_{111}^{(00)}m_{220}^{(21)}\\
&-2m_{011}^{(22)}m_{111}^{(00)}m_{211}^{(11)} - 2m_{011}^{(22)}m_{111}^{(00)}m_{130}^{(20)} + 2m_{011}^{(22)}m_{111}^{(00)}m_{121}^{(10)} - 2m_{011}^{(22)}m_{111}^{(10)}m_{310}^{(21)}\\
&+2m_{011}^{(22)}m_{111}^{(10)}m_{220}^{(20)} + 2m_{011}^{(22)}m_{111}^{(10)}m_{211}^{(10)} - 2m_{011}^{(22)}m_{111}^{(10)}m_{121}^{(00)} + 2m_{011}^{(22)}m_{111}^{(20)}m_{310}^{(11)}\\
&-4m_{011}^{(22)}m_{111}^{(20)}m_{220}^{(10)} + 2m_{011}^{(22)}m_{111}^{(20)}m_{130}^{(00)} + m_{011}^{(22)}m_{030}^{(00)}m_{310}^{(22)} - m_{011}^{(22)}m_{030}^{(00)}m_{301}^{(21)}\\
&-m_{011}^{(22)}m_{030}^{(00)}m_{211}^{(20)} + m_{011}^{(22)}m_{030}^{(00)}m_{202}^{(10)} - m_{011}^{(22)}m_{030}^{(10)}m_{400}^{(22)} + 2m_{011}^{(22)}m_{030}^{(10)}m_{301}^{(20)}\\
&-m_{011}^{(22)}m_{030}^{(10)}m_{202}^{(00)} + m_{011}^{(22)}m_{030}^{(20)}m_{400}^{(21)} - m_{011}^{(22)}m_{030}^{(20)}m_{310}^{(20)} - m_{011}^{(22)}m_{030}^{(20)}m_{301}^{(10)}\\
&+m_{011}^{(22)}m_{030}^{(20)}m_{211}^{(00)} - m_{011}^{(22)}m_{021}^{(00)}m_{310}^{(21)} + m_{011}^{(22)}m_{021}^{(00)}m_{301}^{(11)} + m_{011}^{(22)}m_{021}^{(00)}m_{220}^{(20)}\\
&-m_{011}^{(22)}m_{021}^{(00)}m_{211}^{(10)} + m_{011}^{(22)}m_{021}^{(10)}m_{400}^{(21)} - m_{011}^{(22)}m_{021}^{(10)}m_{310}^{(20)} - m_{011}^{(22)}m_{021}^{(10)}m_{301}^{(10)}\\
&+m_{011}^{(22)}m_{021}^{(10)}m_{211}^{(00)} - m_{011}^{(22)}m_{021}^{(20)}m_{400}^{(11)} + 2m_{011}^{(22)}m_{021}^{(20)}m_{310}^{(10)} - m_{011}^{(22)}m_{021}^{(20)}m_{220}^{(00)}\\
&-m_{002}^{(00)}m_{210}^{(10)}m_{031}^{(22)} + 2m_{002}^{(00)}m_{210}^{(10)}m_{022}^{(21)} - m_{002}^{(00)}m_{210}^{(10)}m_{013}^{(11)} + m_{002}^{(00)}m_{210}^{(11)}m_{121}^{(22)}\\
&-m_{002}^{(00)}m_{210}^{(11)}m_{112}^{(21)} - m_{002}^{(00)}m_{210}^{(11)}m_{022}^{(20)} + m_{002}^{(00)}m_{210}^{(11)}m_{013}^{(10)} - m_{002}^{(00)}m_{210}^{(21)}m_{121}^{(21)}\\
&+m_{002}^{(00)}m_{210}^{(21)}m_{112}^{(11)} + m_{002}^{(00)}m_{210}^{(21)}m_{031}^{(20)} - m_{002}^{(00)}m_{210}^{(21)}m_{022}^{(10)} + m_{002}^{(00)}m_{201}^{(10)}m_{040}^{(22)}\\
&-2m_{002}^{(00)}m_{201}^{(10)}m_{031}^{(21)} + m_{002}^{(00)}m_{201}^{(10)}m_{022}^{(11)} - m_{002}^{(00)}m_{201}^{(11)}m_{130}^{(22)} + m_{002}^{(00)}m_{201}^{(11)}m_{121}^{(21)}\\
&+m_{002}^{(00)}m_{201}^{(11)}m_{031}^{(20)} - m_{002}^{(00)}m_{201}^{(11)}m_{022}^{(10)} + m_{002}^{(00)}m_{201}^{(21)}m_{130}^{(21)} - m_{002}^{(00)}m_{201}^{(21)}m_{121}^{(11)}\\
&-m_{002}^{(00)}m_{201}^{(21)}m_{040}^{(20)} + m_{002}^{(00)}m_{201}^{(21)}m_{031}^{(10)} + 2m_{002}^{(00)}m_{120}^{(10)}m_{121}^{(22)} - 3m_{002}^{(00)}m_{120}^{(10)}m_{112}^{(21)}\\
&+m_{002}^{(00)}m_{120}^{(10)}m_{103}^{(11)} - m_{002}^{(00)}m_{120}^{(10)}m_{022}^{(20)} + m_{002}^{(00)}m_{120}^{(10)}m_{013}^{(10)} - 2m_{002}^{(00)}m_{120}^{(11)}m_{211}^{(22)}\\
&+m_{002}^{(00)}m_{120}^{(11)}m_{202}^{(21)} + 3m_{002}^{(00)}m_{120}^{(11)}m_{112}^{(20)} - m_{002}^{(00)}m_{120}^{(11)}m_{103}^{(10)} - m_{002}^{(00)}m_{120}^{(11)}m_{013}^{(00)}\\
&+2m_{002}^{(00)}m_{120}^{(21)}m_{211}^{(21)} - m_{002}^{(00)}m_{120}^{(21)}m_{202}^{(11)} - 2m_{002}^{(00)}m_{120}^{(21)}m_{121}^{(20)} + m_{002}^{(00)}m_{120}^{(21)}m_{022}^{(00)}\\
&-2m_{002}^{(00)}m_{111}^{(10)}m_{130}^{(22)} + 2m_{002}^{(00)}m_{111}^{(10)}m_{121}^{(21)} + 2m_{002}^{(00)}m_{111}^{(10)}m_{031}^{(20)} - 2m_{002}^{(00)}m_{111}^{(10)}m_{022}^{(10)}\\
&+2m_{002}^{(00)}m_{111}^{(11)}m_{220}^{(22)} - 4m_{002}^{(00)}m_{111}^{(11)}m_{121}^{(20)} + 2m_{002}^{(00)}m_{111}^{(11)}m_{022}^{(00)} - 2m_{002}^{(00)}m_{111}^{(21)}m_{220}^{(21)}\\
&+2m_{002}^{(00)}m_{111}^{(21)}m_{130}^{(20)} + 2m_{002}^{(00)}m_{111}^{(21)}m_{121}^{(10)} - 2m_{002}^{(00)}m_{111}^{(21)}m_{031}^{(00)} + m_{002}^{(00)}m_{102}^{(10)}m_{130}^{(21)}\\
&-m_{002}^{(00)}m_{102}^{(10)}m_{121}^{(11)} - m_{002}^{(00)}m_{102}^{(10)}m_{040}^{(20)} + m_{002}^{(00)}m_{102}^{(10)}m_{031}^{(10)} - m_{002}^{(00)}m_{102}^{(10)}m_{220}^{(21)}\\
&+m_{002}^{(00)}m_{102}^{(11)}m_{130}^{(20)} + m_{002}^{(00)}m_{102}^{(11)}m_{121}^{(10)} - m_{002}^{(00)}m_{102}^{(11)}m_{031}^{(00)} + m_{002}^{(00)}m_{102}^{(21)}m_{220}^{(11)}
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&-2m_{002}^{(00)}m_{102}^{(21)}m_{130}^{(10)} + m_{002}^{(00)}m_{102}^{(21)}m_{040}^{(00)} - m_{002}^{(00)}m_{030}^{(10)}m_{211}^{(22)} + m_{002}^{(00)}m_{030}^{(10)}m_{202}^{(21)}\\
&+m_{002}^{(00)}m_{030}^{(10)}m_{112}^{(20)} - m_{002}^{(00)}m_{030}^{(10)}m_{103}^{(10)} + m_{002}^{(00)}m_{030}^{(11)}m_{301}^{(22)} - 2m_{002}^{(00)}m_{030}^{(11)}m_{202}^{(20)}\\
&+m_{002}^{(00)}m_{030}^{(11)}m_{103}^{(00)} - m_{002}^{(00)}m_{030}^{(21)}m_{301}^{(21)} + m_{002}^{(00)}m_{030}^{(21)}m_{211}^{(20)} + m_{002}^{(00)}m_{030}^{(21)}m_{202}^{(10)}\\
&-m_{002}^{(00)}m_{030}^{(21)}m_{112}^{(00)} + m_{002}^{(00)}m_{021}^{(10)}m_{220}^{(22)} - m_{002}^{(00)}m_{021}^{(10)}m_{202}^{(11)} - 2m_{002}^{(00)}m_{021}^{(10)}m_{121}^{(20)}\\
&+2m_{002}^{(00)}m_{021}^{(10)}m_{112}^{(10)} - m_{002}^{(00)}m_{021}^{(11)}m_{310}^{(22)} - m_{002}^{(00)}m_{021}^{(11)}m_{301}^{(21)} + 3m_{002}^{(00)}m_{021}^{(11)}m_{211}^{(20)}\\
&+m_{002}^{(00)}m_{021}^{(11)}m_{202}^{(10)} - 2m_{002}^{(00)}m_{021}^{(11)}m_{112}^{(00)} + m_{002}^{(00)}m_{021}^{(21)}m_{310}^{(21)} + m_{002}^{(00)}m_{021}^{(21)}m_{301}^{(11)}\\
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&+2m_{002}^{(00)}m_{012}^{(21)}m_{220}^{(10)} - m_{002}^{(00)}m_{012}^{(21)}m_{130}^{(00)} + m_{002}^{(10)}m_{300}^{(10)}m_{031}^{(22)} - 2m_{002}^{(10)}m_{300}^{(10)}m_{022}^{(21)}\\
&+m_{002}^{(10)}m_{300}^{(10)}m_{013}^{(11)} - m_{002}^{(10)}m_{300}^{(11)}m_{121}^{(22)} + m_{002}^{(10)}m_{300}^{(11)}m_{112}^{(21)} + m_{002}^{(10)}m_{300}^{(11)}m_{022}^{(20)}\\
&-m_{002}^{(10)}m_{300}^{(11)}m_{013}^{(10)} + m_{002}^{(10)}m_{300}^{(21)}m_{121}^{(21)} - m_{002}^{(10)}m_{300}^{(21)}m_{112}^{(11)} - m_{002}^{(10)}m_{300}^{(21)}m_{031}^{(20)}\\
&+m_{002}^{(10)}m_{300}^{(21)}m_{022}^{(10)} + m_{002}^{(10)}m_{210}^{(00)}m_{031}^{(22)} - 2m_{002}^{(10)}m_{210}^{(00)}m_{022}^{(21)} + m_{002}^{(10)}m_{210}^{(00)}m_{013}^{(11)}\\
&-3m_{002}^{(10)}m_{210}^{(10)}m_{121}^{(22)} + 4m_{002}^{(10)}m_{210}^{(10)}m_{112}^{(21)} - m_{002}^{(10)}m_{210}^{(10)}m_{103}^{(11)} + 2m_{002}^{(10)}m_{210}^{(10)}m_{022}^{(20)}\\
&-2m_{002}^{(10)}m_{210}^{(10)}m_{013}^{(10)} + 2m_{002}^{(10)}m_{210}^{(11)}m_{211}^{(22)} - m_{002}^{(10)}m_{210}^{(11)}m_{202}^{(21)} - 3m_{002}^{(10)}m_{210}^{(11)}m_{112}^{(20)}\\
&+m_{002}^{(10)}m_{210}^{(11)}m_{103}^{(10)} + m_{002}^{(10)}m_{210}^{(11)}m_{013}^{(00)} + m_{002}^{(10)}m_{210}^{(20)}m_{121}^{(21)} - m_{002}^{(10)}m_{210}^{(20)}m_{112}^{(11)}\\
&-m_{002}^{(10)}m_{210}^{(20)}m_{031}^{(20)} + m_{002}^{(10)}m_{210}^{(20)}m_{022}^{(10)} - 2m_{002}^{(10)}m_{210}^{(21)}m_{211}^{(21)} + m_{002}^{(10)}m_{210}^{(21)}m_{202}^{(11)}\\
&+2m_{002}^{(10)}m_{210}^{(21)}m_{121}^{(20)} - m_{002}^{(10)}m_{210}^{(21)}m_{022}^{(00)} - m_{002}^{(10)}m_{201}^{(00)}m_{040}^{(22)} + 2m_{002}^{(10)}m_{201}^{(00)}m_{031}^{(21)}\\
&-m_{002}^{(10)}m_{201}^{(00)}m_{022}^{(11)} + 2m_{002}^{(10)}m_{201}^{(10)}m_{121}^{(21)} - 2m_{002}^{(10)}m_{201}^{(10)}m_{112}^{(11)} - 2m_{002}^{(10)}m_{201}^{(10)}m_{031}^{(20)}\\
&+2m_{002}^{(10)}m_{201}^{(10)}m_{022}^{(10)} + m_{002}^{(10)}m_{201}^{(11)}m_{220}^{(22)} - 2m_{002}^{(10)}m_{201}^{(11)}m_{211}^{(21)} + 2m_{002}^{(10)}m_{201}^{(11)}m_{112}^{(10)}\\
&-m_{002}^{(10)}m_{201}^{(11)}m_{022}^{(00)} - m_{002}^{(10)}m_{201}^{(20)}m_{130}^{(21)} + m_{002}^{(10)}m_{201}^{(20)}m_{121}^{(11)} + m_{002}^{(10)}m_{201}^{(20)}m_{040}^{(20)}\\
&-m_{002}^{(10)}m_{201}^{(20)}m_{031}^{(10)} - m_{002}^{(10)}m_{201}^{(21)}m_{220}^{(21)} + 2m_{002}^{(10)}m_{201}^{(21)}m_{211}^{(11)} + m_{002}^{(10)}m_{201}^{(21)}m_{130}^{(20)}\\
&-3m_{002}^{(10)}m_{201}^{(21)}m_{121}^{(10)} + m_{002}^{(10)}m_{201}^{(21)}m_{031}^{(00)} - 2m_{002}^{(10)}m_{120}^{(00)}m_{121}^{(22)} + 3m_{002}^{(10)}m_{120}^{(00)}m_{112}^{(21)}\\
&-m_{002}^{(10)}m_{120}^{(00)}m_{103}^{(11)} + m_{002}^{(10)}m_{120}^{(00)}m_{022}^{(20)} - m_{002}^{(10)}m_{120}^{(00)}m_{013}^{(10)} + 3m_{002}^{(10)}m_{120}^{(10)}m_{211}^{(22)}\\
&-2m_{002}^{(10)}m_{120}^{(10)}m_{202}^{(21)} - 4m_{002}^{(10)}m_{120}^{(10)}m_{112}^{(20)} + 2m_{002}^{(10)}m_{120}^{(10)}m_{103}^{(10)} + m_{002}^{(10)}m_{120}^{(10)}m_{013}^{(00)}\\
&-m_{002}^{(10)}m_{120}^{(11)}m_{301}^{(22)} + 2m_{002}^{(10)}m_{120}^{(11)}m_{202}^{(20)} - m_{002}^{(10)}m_{120}^{(11)}m_{103}^{(00)} - 2m_{002}^{(10)}m_{120}^{(20)}m_{211}^{(21)}\\
&+m_{002}^{(10)}m_{120}^{(20)}m_{202}^{(11)} + 2m_{002}^{(10)}m_{120}^{(20)}m_{121}^{(20)} - m_{002}^{(10)}m_{120}^{(20)}m_{022}^{(00)} + m_{002}^{(10)}m_{120}^{(21)}m_{301}^{(21)}\\
&-m_{002}^{(10)}m_{120}^{(21)}m_{211}^{(20)} - m_{002}^{(10)}m_{120}^{(21)}m_{202}^{(10)} + m_{002}^{(10)}m_{120}^{(21)}m_{112}^{(00)} + 2m_{002}^{(10)}m_{111}^{(00)}m_{130}^{(22)}\\
&-2m_{002}^{(10)}m_{111}^{(00)}m_{121}^{(21)} - 2m_{002}^{(10)}m_{111}^{(00)}m_{031}^{(20)} + 2m_{002}^{(10)}m_{111}^{(00)}m_{022}^{(10)} - 4m_{002}^{(10)}m_{111}^{(10)}m_{211}^{(21)}\\
&+2m_{002}^{(10)}m_{111}^{(10)}m_{202}^{(11)} + 4m_{002}^{(10)}m_{111}^{(10)}m_{121}^{(20)} - 2m_{002}^{(10)}m_{111}^{(10)}m_{022}^{(00)} - 2m_{002}^{(10)}m_{111}^{(11)}m_{310}^{(22)}\\
&+2m_{002}^{(10)}m_{111}^{(11)}m_{301}^{(21)} + 2m_{002}^{(10)}m_{111}^{(11)}m_{211}^{(20)} - 2m_{002}^{(10)}m_{111}^{(11)}m_{202}^{(10)} + 2m_{002}^{(10)}m_{111}^{(20)}m_{211}^{(21)}\\
&-2m_{002}^{(10)}m_{111}^{(20)}m_{130}^{(20)} - 2m_{002}^{(10)}m_{111}^{(20)}m_{121}^{(10)} + 2m_{002}^{(10)}m_{111}^{(20)}m_{031}^{(00)} + 2m_{002}^{(10)}m_{111}^{(21)}m_{310}^{(21)}\\
&-2m_{002}^{(10)}m_{111}^{(21)}m_{301}^{(11)} - 2m_{002}^{(10)}m_{111}^{(21)}m_{220}^{(20)} + 2m_{002}^{(10)}m_{111}^{(21)}m_{211}^{(10)} - m_{002}^{(10)}m_{102}^{(00)}m_{130}^{(21)}\\
&+m_{002}^{(10)}m_{102}^{(00)}m_{121}^{(11)} + m_{002}^{(10)}m_{102}^{(00)}m_{040}^{(20)} - m_{002}^{(10)}m_{102}^{(00)}m_{031}^{(10)} + m_{002}^{(10)}m_{102}^{(10)}m_{211}^{(11)}\\
&-2m_{002}^{(10)}m_{102}^{(10)}m_{121}^{(10)} + m_{002}^{(10)}m_{102}^{(10)}m_{031}^{(00)} + m_{002}^{(10)}m_{102}^{(11)}m_{310}^{(21)} - m_{002}^{(10)}m_{102}^{(11)}m_{220}^{(20)}\\
&-m_{002}^{(10)}m_{102}^{(11)}m_{211}^{(10)} + m_{002}^{(10)}m_{102}^{(11)}m_{121}^{(00)} - m_{002}^{(10)}m_{102}^{(20)}m_{220}^{(11)} + 2m_{002}^{(10)}m_{102}^{(20)}m_{130}^{(10)}\\
&-m_{002}^{(10)}m_{102}^{(20)}m_{040}^{(00)} - m_{002}^{(10)}m_{102}^{(21)}m_{310}^{(11)} + 2m_{002}^{(10)}m_{102}^{(21)}m_{220}^{(10)} - m_{002}^{(10)}m_{102}^{(21)}m_{130}^{(00)}\\
&+m_{002}^{(10)}m_{030}^{(00)}m_{211}^{(22)} - m_{002}^{(10)}m_{030}^{(00)}m_{202}^{(21)} - m_{002}^{(10)}m_{030}^{(00)}m_{112}^{(20)} + m_{002}^{(10)}m_{030}^{(00)}m_{103}^{(10)}
\end{aligned}
$$

$$
\begin{aligned}
&-m_{002}^{(10)}m_{030}^{(10)}m_{301}^{(22)}+2m_{002}^{(10)}m_{030}^{(10)}m_{202}^{(20)}-m_{002}^{(10)}m_{030}^{(10)}m_{103}^{(00)}+m_{002}^{(10)}m_{030}^{(20)}m_{301}^{(21)}\\
&-m_{002}^{(10)}m_{030}^{(20)}m_{211}^{(20)}-m_{002}^{(10)}m_{030}^{(20)}m_{202}^{(10)}+m_{002}^{(10)}m_{030}^{(20)}m_{112}^{(00)}-m_{002}^{(10)}m_{021}^{(00)}m_{220}^{(22)}\\
&+m_{002}^{(10)}m_{021}^{(00)}m_{202}^{(11)}+2m_{002}^{(10)}m_{021}^{(00)}m_{121}^{(20)}-2m_{002}^{(10)}m_{021}^{(00)}m_{112}^{(10)}+2m_{002}^{(10)}m_{021}^{(10)}m_{301}^{(21)}\\
&-2m_{002}^{(10)}m_{021}^{(10)}m_{211}^{(20)}-2m_{002}^{(10)}m_{021}^{(10)}m_{202}^{(10)}+2m_{002}^{(10)}m_{021}^{(10)}m_{112}^{(00)}+m_{002}^{(10)}m_{021}^{(11)}m_{400}^{(22)}\\
&-2m_{002}^{(10)}m_{021}^{(11)}m_{301}^{(20)}+m_{002}^{(10)}m_{021}^{(11)}m_{202}^{(00)}-m_{002}^{(10)}m_{021}^{(20)}m_{310}^{(21)}-m_{002}^{(10)}m_{021}^{(20)}m_{301}^{(11)}\\
&+m_{002}^{(10)}m_{021}^{(20)}m_{220}^{(20)}+3m_{002}^{(10)}m_{021}^{(20)}m_{211}^{(10)}-2m_{002}^{(10)}m_{021}^{(20)}m_{121}^{(00)}-m_{002}^{(10)}m_{021}^{(21)}m_{400}^{(21)}\\
&+m_{002}^{(10)}m_{021}^{(21)}m_{310}^{(20)}+m_{002}^{(10)}m_{021}^{(21)}m_{301}^{(10)}-m_{002}^{(10)}m_{021}^{(21)}m_{211}^{(00)}+m_{002}^{(10)}m_{012}^{(00)}m_{220}^{(21)}\\
&-m_{002}^{(10)}m_{012}^{(00)}m_{211}^{(11)}-m_{002}^{(10)}m_{012}^{(00)}m_{130}^{(20)}+m_{002}^{(10)}m_{012}^{(00)}m_{121}^{(10)}-m_{002}^{(10)}m_{012}^{(10)}m_{301}^{(11)}\\
&+2m_{002}^{(10)}m_{012}^{(10)}m_{211}^{(10)}-m_{002}^{(10)}m_{012}^{(10)}m_{121}^{(00)}-m_{002}^{(10)}m_{012}^{(11)}m_{400}^{(21)}+m_{002}^{(10)}m_{012}^{(11)}m_{310}^{(20)}\\
&+m_{002}^{(10)}m_{012}^{(11)}m_{301}^{(10)}-m_{002}^{(10)}m_{012}^{(11)}m_{211}^{(00)}+m_{002}^{(10)}m_{012}^{(20)}m_{310}^{(11)}-2m_{002}^{(10)}m_{012}^{(20)}m_{220}^{(10)}\\
&+m_{002}^{(10)}m_{012}^{(20)}m_{130}^{(00)}+m_{002}^{(10)}m_{012}^{(21)}m_{400}^{(11)}-2m_{002}^{(10)}m_{012}^{(21)}m_{310}^{(10)}+m_{002}^{(10)}m_{012}^{(21)}m_{220}^{(00)}\\
&-m_{002}^{(11)}m_{300}^{(00)}m_{031}^{(22)}+2m_{002}^{(11)}m_{300}^{(00)}m_{022}^{(21)}-m_{002}^{(11)}m_{300}^{(00)}m_{013}^{(11)}+m_{002}^{(11)}m_{300}^{(10)}m_{121}^{(22)}\\
&-m_{002}^{(11)}m_{300}^{(10)}m_{112}^{(21)}-m_{002}^{(11)}m_{300}^{(10)}m_{022}^{(20)}+m_{002}^{(11)}m_{300}^{(10)}m_{013}^{(10)}-m_{002}^{(11)}m_{300}^{(20)}m_{121}^{(21)}\\
&+m_{002}^{(11)}m_{300}^{(20)}m_{112}^{(11)}+m_{002}^{(11)}m_{300}^{(20)}m_{031}^{(20)}-m_{002}^{(11)}m_{300}^{(20)}m_{022}^{(10)}+2m_{002}^{(11)}m_{210}^{(00)}m_{121}^{(22)}\\
&-3m_{002}^{(11)}m_{210}^{(00)}m_{112}^{(21)}+m_{002}^{(11)}m_{210}^{(00)}m_{103}^{(11)}-m_{002}^{(11)}m_{210}^{(00)}m_{022}^{(20)}+m_{002}^{(11)}m_{210}^{(00)}m_{013}^{(10)}\\
&-2m_{002}^{(11)}m_{210}^{(10)}m_{211}^{(22)}+m_{002}^{(11)}m_{210}^{(10)}m_{202}^{(21)}+3m_{002}^{(11)}m_{210}^{(10)}m_{112}^{(20)}-m_{002}^{(11)}m_{210}^{(10)}m_{103}^{(10)}\\
&-m_{002}^{(11)}m_{210}^{(10)}m_{013}^{(00)}+2m_{002}^{(11)}m_{210}^{(20)}m_{211}^{(21)}-m_{002}^{(11)}m_{210}^{(20)}m_{202}^{(11)}-2m_{002}^{(11)}m_{210}^{(20)}m_{121}^{(20)}\\
&+m_{002}^{(11)}m_{210}^{(20)}m_{022}^{(00)}+m_{002}^{(11)}m_{201}^{(00)}m_{130}^{(22)}-3m_{002}^{(11)}m_{201}^{(00)}m_{121}^{(21)}+2m_{002}^{(11)}m_{201}^{(00)}m_{112}^{(11)}\\
&+m_{002}^{(11)}m_{201}^{(00)}m_{031}^{(20)}-m_{002}^{(11)}m_{201}^{(00)}m_{022}^{(10)}-m_{002}^{(11)}m_{201}^{(10)}m_{220}^{(22)}+2m_{002}^{(11)}m_{201}^{(10)}m_{211}^{(21)}\\
&-2m_{002}^{(11)}m_{201}^{(10)}m_{112}^{(10)}+m_{002}^{(11)}m_{201}^{(10)}m_{022}^{(00)}+m_{002}^{(11)}m_{201}^{(20)}m_{220}^{(21)}-2m_{002}^{(11)}m_{201}^{(20)}m_{211}^{(11)}\\
&-m_{002}^{(11)}m_{201}^{(20)}m_{130}^{(20)}+3m_{002}^{(11)}m_{201}^{(20)}m_{121}^{(10)}-m_{002}^{(11)}m_{201}^{(20)}m_{031}^{(00)}-m_{002}^{(11)}m_{120}^{(00)}m_{211}^{(22)}\\
&+m_{002}^{(11)}m_{120}^{(00)}m_{202}^{(21)}+m_{002}^{(11)}m_{120}^{(00)}m_{112}^{(20)}-m_{002}^{(11)}m_{120}^{(00)}m_{103}^{(10)}+m_{002}^{(11)}m_{120}^{(10)}m_{301}^{(22)}\\
&-2m_{002}^{(11)}m_{120}^{(10)}m_{202}^{(20)}+m_{002}^{(11)}m_{120}^{(10)}m_{103}^{(00)}-m_{002}^{(11)}m_{120}^{(20)}m_{301}^{(21)}+m_{002}^{(11)}m_{120}^{(20)}m_{211}^{(20)}\\
&+m_{002}^{(11)}m_{120}^{(20)}m_{202}^{(10)}-m_{002}^{(11)}m_{120}^{(20)}m_{112}^{(00)}-2m_{002}^{(11)}m_{111}^{(00)}m_{220}^{(22)}+4m_{002}^{(11)}m_{111}^{(00)}m_{211}^{(21)}\\
&-2m_{002}^{(11)}m_{111}^{(00)}m_{202}^{(11)}+2m_{002}^{(11)}m_{111}^{(10)}m_{310}^{(22)}-2m_{002}^{(11)}m_{111}^{(10)}m_{301}^{(21)}-2m_{002}^{(11)}m_{111}^{(10)}m_{211}^{(20)}\\
&+2m_{002}^{(11)}m_{111}^{(10)}m_{202}^{(10)}-2m_{002}^{(11)}m_{111}^{(20)}m_{310}^{(21)}+2m_{002}^{(11)}m_{111}^{(20)}m_{301}^{(11)}+2m_{002}^{(11)}m_{111}^{(20)}m_{220}^{(20)}\\
&-2m_{002}^{(11)}m_{111}^{(20)}m_{211}^{(10)}+m_{002}^{(11)}m_{102}^{(00)}m_{220}^{(21)}-m_{002}^{(11)}m_{102}^{(00)}m_{211}^{(11)}-m_{002}^{(11)}m_{102}^{(00)}m_{130}^{(20)}\\
&+m_{002}^{(11)}m_{102}^{(00)}m_{121}^{(10)}-m_{002}^{(11)}m_{102}^{(10)}m_{310}^{(21)}+m_{002}^{(11)}m_{102}^{(10)}m_{220}^{(20)}+m_{002}^{(11)}m_{102}^{(10)}m_{211}^{(10)}\\
&-m_{002}^{(11)}m_{102}^{(10)}m_{121}^{(00)}+m_{002}^{(11)}m_{102}^{(20)}m_{310}^{(11)}-2m_{002}^{(11)}m_{102}^{(20)}m_{220}^{(10)}+m_{002}^{(11)}m_{102}^{(20)}m_{130}^{(00)}\\
&+m_{002}^{(11)}m_{021}^{(00)}m_{310}^{(22)}-m_{002}^{(11)}m_{021}^{(00)}m_{301}^{(21)}-m_{002}^{(11)}m_{021}^{(00)}m_{211}^{(20)}+m_{002}^{(11)}m_{021}^{(00)}m_{202}^{(10)}\\
&-m_{002}^{(11)}m_{021}^{(10)}m_{400}^{(22)}+2m_{002}^{(11)}m_{021}^{(10)}m_{301}^{(20)}-m_{002}^{(11)}m_{021}^{(10)}m_{202}^{(00)}+m_{002}^{(11)}m_{021}^{(20)}m_{400}^{(21)}\\
&-m_{002}^{(11)}m_{021}^{(20)}m_{310}^{(20)}-m_{002}^{(11)}m_{021}^{(20)}m_{301}^{(10)}+m_{002}^{(11)}m_{021}^{(20)}m_{211}^{(00)}-m_{002}^{(11)}m_{012}^{(00)}m_{310}^{(21)}\\
&+m_{002}^{(11)}m_{012}^{(00)}m_{301}^{(11)}+m_{002}^{(11)}m_{012}^{(00)}m_{220}^{(20)}-m_{002}^{(11)}m_{012}^{(00)}m_{211}^{(10)}+m_{002}^{(11)}m_{012}^{(10)}m_{400}^{(21)}\\
&-m_{002}^{(11)}m_{012}^{(10)}m_{310}^{(20)}-m_{002}^{(11)}m_{012}^{(10)}m_{301}^{(10)}+m_{002}^{(11)}m_{012}^{(10)}m_{211}^{(00)}-m_{002}^{(11)}m_{012}^{(20)}m_{400}^{(11)}\\
&+2m_{002}^{(11)}m_{012}^{(20)}m_{310}^{(10)}-m_{002}^{(11)}m_{012}^{(20)}m_{220}^{(00)}-m_{002}^{(20)}m_{300}^{(10)}m_{040}^{(22)}+2m_{002}^{(20)}m_{300}^{(10)}m_{031}^{(21)}\\
&-m_{002}^{(20)}m_{300}^{(10)}m_{022}^{(11)}+m_{002}^{(20)}m_{300}^{(11)}m_{130}^{(22)}-m_{002}^{(20)}m_{300}^{(11)}m_{121}^{(21)}-m_{002}^{(20)}m_{300}^{(11)}m_{031}^{(20)}\\
&+m_{002}^{(20)}m_{300}^{(11)}m_{022}^{(10)}-m_{002}^{(20)}m_{300}^{(21)}m_{130}^{(21)}+m_{002}^{(20)}m_{300}^{(21)}m_{121}^{(11)}+m_{002}^{(20)}m_{300}^{(21)}m_{040}^{(20)}\\
&-m_{002}^{(20)}m_{300}^{(21)}m_{031}^{(10)}+3m_{002}^{(20)}m_{210}^{(10)}m_{130}^{(22)}-5m_{002}^{(20)}m_{210}^{(10)}m_{121}^{(21)}+2m_{002}^{(20)}m_{210}^{(10)}m_{112}^{(11)}
\end{aligned}
$$

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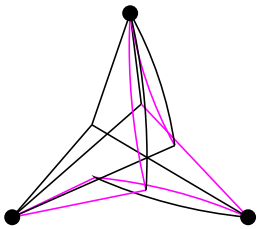
\begin{aligned}
&-m_{002}^{(20)}m_{210}^{(10)}m_{031}^{(20)}+m_{002}^{(20)}m_{210}^{(10)}m_{022}^{(10)}-3m_{002}^{(20)}m_{210}^{(11)}m_{220}^{(22)}+2m_{002}^{(20)}m_{210}^{(11)}m_{211}^{(21)}\\
&+4m_{002}^{(20)}m_{210}^{(11)}m_{121}^{(20)}-2m_{002}^{(20)}m_{210}^{(11)}m_{112}^{(10)}-m_{002}^{(20)}m_{210}^{(11)}m_{022}^{(00)}+3m_{002}^{(20)}m_{210}^{(21)}m_{220}^{(21)}\\
&-2m_{002}^{(20)}m_{210}^{(21)}m_{211}^{(11)}-3m_{002}^{(20)}m_{210}^{(21)}m_{130}^{(20)}+m_{002}^{(20)}m_{210}^{(21)}m_{121}^{(10)}+m_{002}^{(20)}m_{210}^{(21)}m_{031}^{(00)}\\
&-m_{002}^{(20)}m_{201}^{(10)}m_{130}^{(21)}+m_{002}^{(20)}m_{201}^{(10)}m_{121}^{(11)}+m_{002}^{(20)}m_{201}^{(10)}m_{040}^{(20)}-m_{002}^{(20)}m_{201}^{(10)}m_{031}^{(10)}\\
&+m_{002}^{(20)}m_{201}^{(11)}m_{220}^{(21)}-m_{002}^{(20)}m_{201}^{(11)}m_{130}^{(20)}-m_{002}^{(20)}m_{201}^{(11)}m_{121}^{(10)}+m_{002}^{(20)}m_{201}^{(11)}m_{031}^{(00)}\\
&-m_{002}^{(20)}m_{201}^{(21)}m_{220}^{(11)}+2m_{002}^{(20)}m_{201}^{(21)}m_{130}^{(10)}-m_{002}^{(20)}m_{201}^{(21)}m_{040}^{(00)}-3m_{002}^{(20)}m_{120}^{(10)}m_{220}^{(22)}\\
&+4m_{002}^{(20)}m_{120}^{(10)}m_{211}^{(21)}-m_{002}^{(20)}m_{120}^{(10)}m_{202}^{(11)}+2m_{002}^{(20)}m_{120}^{(10)}m_{121}^{(20)}-2m_{002}^{(20)}m_{120}^{(10)}m_{112}^{(10)}\\
&+3m_{002}^{(20)}m_{120}^{(11)}m_{310}^{(22)}-m_{002}^{(20)}m_{120}^{(11)}m_{301}^{(21)}-5m_{002}^{(20)}m_{120}^{(11)}m_{211}^{(20)}+m_{002}^{(20)}m_{120}^{(11)}m_{202}^{(10)}\\
&+2m_{002}^{(20)}m_{120}^{(11)}m_{112}^{(00)}-3m_{002}^{(20)}m_{120}^{(21)}m_{310}^{(21)}+m_{002}^{(20)}m_{120}^{(21)}m_{301}^{(11)}+3m_{002}^{(20)}m_{120}^{(21)}m_{220}^{(20)}\\
&+m_{002}^{(20)}m_{120}^{(21)}m_{211}^{(10)}-2m_{002}^{(20)}m_{120}^{(21)}m_{121}^{(00)}+2m_{002}^{(20)}m_{111}^{(10)}m_{220}^{(21)}-2m_{002}^{(20)}m_{111}^{(10)}m_{211}^{(11)}\\
&-2m_{002}^{(20)}m_{111}^{(10)}m_{130}^{(20)}+2m_{002}^{(20)}m_{111}^{(10)}m_{121}^{(10)}-2m_{002}^{(20)}m_{111}^{(21)}m_{310}^{(21)}+2m_{002}^{(20)}m_{111}^{(11)}m_{220}^{(20)}\\
&+2m_{002}^{(20)}m_{111}^{(11)}m_{211}^{(10)}-2m_{002}^{(20)}m_{111}^{(11)}m_{121}^{(00)}+2m_{002}^{(20)}m_{111}^{(21)}m_{310}^{(11)}-4m_{002}^{(20)}m_{111}^{(21)}m_{220}^{(10)}\\
&+2m_{002}^{(20)}m_{111}^{(21)}m_{130}^{(00)}+m_{002}^{(20)}m_{030}^{(10)}m_{310}^{(22)}-m_{002}^{(20)}m_{030}^{(10)}m_{301}^{(21)}-m_{002}^{(20)}m_{030}^{(10)}m_{211}^{(20)}\\
&+m_{002}^{(20)}m_{030}^{(10)}m_{202}^{(10)}-m_{002}^{(20)}m_{030}^{(11)}m_{400}^{(22)}+2m_{002}^{(20)}m_{030}^{(11)}m_{301}^{(20)}-m_{002}^{(20)}m_{030}^{(11)}m_{202}^{(00)}\\
&+m_{002}^{(20)}m_{030}^{(21)}m_{400}^{(21)}-m_{002}^{(20)}m_{030}^{(21)}m_{310}^{(20)}-m_{002}^{(20)}m_{030}^{(21)}m_{301}^{(10)}+m_{002}^{(20)}m_{030}^{(21)}m_{211}^{(00)}\\
&-m_{002}^{(20)}m_{021}^{(10)}m_{310}^{(21)}+m_{002}^{(20)}m_{021}^{(10)}m_{301}^{(11)}+m_{002}^{(20)}m_{021}^{(10)}m_{220}^{(20)}-m_{002}^{(20)}m_{021}^{(10)}m_{211}^{(10)}\\
&+m_{002}^{(20)}m_{021}^{(11)}m_{400}^{(21)}-m_{002}^{(20)}m_{021}^{(11)}m_{310}^{(20)}-m_{002}^{(20)}m_{021}^{(11)}m_{301}^{(10)}+m_{002}^{(20)}m_{021}^{(11)}m_{211}^{(00)}\\
&-m_{002}^{(20)}m_{021}^{(21)}m_{400}^{(11)}+2m_{002}^{(20)}m_{021}^{(21)}m_{310}^{(10)}-m_{002}^{(20)}m_{021}^{(21)}m_{220}^{(00)}+m_{002}^{(21)}m_{300}^{(00)}m_{040}^{(22)}\\
&-2m_{002}^{(21)}m_{300}^{(00)}m_{031}^{(21)}+m_{002}^{(21)}m_{300}^{(00)}m_{022}^{(11)}-m_{002}^{(21)}m_{300}^{(10)}m_{130}^{(22)}+m_{002}^{(21)}m_{300}^{(10)}m_{121}^{(21)}\\
&+m_{002}^{(21)}m_{300}^{(10)}m_{031}^{(20)}-m_{002}^{(21)}m_{300}^{(10)}m_{022}^{(10)}+m_{002}^{(21)}m_{300}^{(20)}m_{130}^{(21)}-m_{002}^{(21)}m_{300}^{(20)}m_{121}^{(11)}\\
&-m_{002}^{(21)}m_{300}^{(20)}m_{040}^{(20)}+m_{002}^{(21)}m_{300}^{(20)}m_{031}^{(10)}-3m_{002}^{(21)}m_{210}^{(00)}m_{130}^{(22)}+5m_{002}^{(21)}m_{210}^{(00)}m_{121}^{(21)}\\
&-2m_{002}^{(21)}m_{210}^{(00)}m_{112}^{(11)}+m_{002}^{(21)}m_{210}^{(00)}m_{031}^{(20)}-m_{002}^{(21)}m_{210}^{(00)}m_{022}^{(10)}+3m_{002}^{(21)}m_{210}^{(10)}m_{220}^{(22)}\\
&-2m_{002}^{(21)}m_{210}^{(10)}m_{211}^{(21)}-4m_{002}^{(21)}m_{210}^{(10)}m_{121}^{(20)}+2m_{002}^{(21)}m_{210}^{(10)}m_{112}^{(10)}+m_{002}^{(21)}m_{210}^{(10)}m_{022}^{(00)}\\
&-3m_{002}^{(21)}m_{210}^{(20)}m_{220}^{(21)}+2m_{002}^{(21)}m_{210}^{(20)}m_{211}^{(11)}+3m_{002}^{(21)}m_{210}^{(20)}m_{130}^{(20)}-m_{002}^{(21)}m_{210}^{(20)}m_{121}^{(10)}\\
&-m_{002}^{(21)}m_{210}^{(20)}m_{031}^{(00)}+m_{002}^{(21)}m_{201}^{(00)}m_{130}^{(21)}-m_{002}^{(21)}m_{201}^{(00)}m_{121}^{(11)}-m_{002}^{(21)}m_{201}^{(00)}m_{040}^{(20)}\\
&+m_{002}^{(21)}m_{201}^{(00)}m_{031}^{(10)}-m_{002}^{(21)}m_{201}^{(10)}m_{220}^{(21)}+m_{002}^{(21)}m_{201}^{(10)}m_{130}^{(20)}+m_{002}^{(21)}m_{201}^{(10)}m_{121}^{(10)}\\
&-m_{002}^{(21)}m_{201}^{(10)}m_{031}^{(00)}+m_{002}^{(21)}m_{201}^{(20)}m_{220}^{(11)}-2m_{002}^{(21)}m_{201}^{(20)}m_{130}^{(10)}+m_{002}^{(21)}m_{201}^{(20)}m_{040}^{(00)}\\
&+3m_{002}^{(21)}m_{120}^{(00)}m_{220}^{(22)}-4m_{002}^{(21)}m_{120}^{(00)}m_{211}^{(21)}+m_{002}^{(21)}m_{120}^{(00)}m_{202}^{(11)}-2m_{002}^{(21)}m_{120}^{(00)}m_{121}^{(20)}\\
&+2m_{002}^{(21)}m_{120}^{(00)}m_{112}^{(10)}-3m_{002}^{(21)}m_{120}^{(10)}m_{310}^{(22)}+m_{002}^{(21)}m_{120}^{(10)}m_{301}^{(21)}+5m_{002}^{(21)}m_{120}^{(10)}m_{211}^{(20)}\\
&-m_{002}^{(21)}m_{120}^{(10)}m_{202}^{(10)}-2m_{002}^{(21)}m_{120}^{(10)}m_{112}^{(00)}+3m_{002}^{(21)}m_{120}^{(20)}m_{310}^{(21)}-m_{002}^{(21)}m_{120}^{(20)}m_{301}^{(11)}\\
&-3m_{002}^{(21)}m_{120}^{(20)}m_{220}^{(20)}-m_{002}^{(21)}m_{120}^{(20)}m_{211}^{(10)}+2m_{002}^{(21)}m_{120}^{(20)}m_{121}^{(00)}-2m_{002}^{(21)}m_{111}^{(00)}m_{220}^{(21)}\\
&+2m_{002}^{(21)}m_{111}^{(00)}m_{211}^{(11)}+2m_{002}^{(21)}m_{111}^{(00)}m_{130}^{(20)}-2m_{002}^{(21)}m_{111}^{(00)}m_{121}^{(10)}+2m_{002}^{(21)}m_{111}^{(10)}m_{310}^{(21)}\\
&-2m_{002}^{(21)}m_{111}^{(10)}m_{220}^{(20)}-2m_{002}^{(21)}m_{111}^{(10)}m_{211}^{(10)}+2m_{002}^{(21)}m_{111}^{(10)}m_{121}^{(00)}-2m_{002}^{(21)}m_{111}^{(20)}m_{310}^{(11)}\\
&+4m_{002}^{(21)}m_{111}^{(20)}m_{220}^{(10)}-2m_{002}^{(21)}m_{111}^{(20)}m_{130}^{(00)}-m_{002}^{(21)}m_{030}^{(00)}m_{310}^{(22)}+m_{002}^{(21)}m_{030}^{(00)}m_{301}^{(21)}\\
&+m_{002}^{(21)}m_{030}^{(00)}m_{211}^{(20)}-m_{002}^{(21)}m_{030}^{(00)}m_{202}^{(10)}+m_{002}^{(21)}m_{030}^{(10)}m_{400}^{(22)}-2m_{002}^{(21)}m_{030}^{(10)}m_{301}^{(20)}\\
&+m_{002}^{(21)}m_{030}^{(10)}m_{202}^{(00)}-m_{002}^{(21)}m_{030}^{(20)}m_{400}^{(21)}+m_{002}^{(21)}m_{030}^{(20)}m_{310}^{(20)}+m_{002}^{(21)}m_{030}^{(20)}m_{301}^{(10)}\\
&-m_{002}^{(21)}m_{030}^{(20)}m_{211}^{(00)}+m_{002}^{(21)}m_{021}^{(00)}m_{310}^{(21)}-m_{002}^{(21)}m_{021}^{(00)}m_{301}^{(11)}-m_{002}^{(21)}m_{021}^{(00)}m_{220}^{(20)}\\
&+m_{002}^{(21)}m_{021}^{(00)}m_{211}^{(10)}-m_{002}^{(21)}m_{021}^{(10)}m_{400}^{(21)}+m_{002}^{(21)}m_{021}^{(10)}m_{310}^{(20)}+m_{002}^{(21)}m_{021}^{(10)}m_{301}^{(10)}\\
&-m_{002}^{(21)}m_{021}^{(10)}m_{211}^{(00)}+m_{002}^{(21)}m_{021}^{(20)}m_{400}^{(11)}-2m_{002}^{(21)}m_{021}^{(20)}m_{310}^{(10)}+m_{002}^{(21)}m_{021}^{(20)}m_{220}^{(00)}
\end{aligned}
$$

Generating graph:

$V1$	1	1	1	$V1$
$V2$	$V2$	2	2	$V3$
2	2	$V3$	3	3



$$
\begin{aligned}
T_{146} \;=\;& -m_{200}^{(10)} m_{111}^{(10)} m_{022}^{(22)} + 2m_{200}^{(10)} m_{111}^{(10)} m_{013}^{(21)} - m_{200}^{(10)} m_{111}^{(10)} m_{004}^{(11)} + m_{200}^{(10)} m_{111}^{(11)} m_{112}^{(22)} \\
& - m_{200}^{(10)} m_{111}^{(11)} m_{103}^{(21)} - m_{200}^{(10)} m_{111}^{(11)} m_{013}^{(20)} + m_{200}^{(10)} m_{111}^{(11)} m_{004}^{(10)} + m_{200}^{(10)} m_{111}^{(20)} m_{031}^{(22)} \\
& - 2m_{200}^{(10)} m_{111}^{(20)} m_{022}^{(21)} + m_{200}^{(10)} m_{111}^{(20)} m_{013}^{(11)} - m_{200}^{(10)} m_{111}^{(21)} m_{121}^{(22)} + m_{200}^{(10)} m_{111}^{(21)} m_{103}^{(11)} \\
& + 2m_{200}^{(10)} m_{111}^{(21)} m_{022}^{(20)} - 2m_{200}^{(10)} m_{111}^{(21)} m_{013}^{(10)} + m_{200}^{(10)} m_{111}^{(22)} m_{121}^{(21)} - m_{200}^{(10)} m_{111}^{(22)} m_{112}^{(11)} \\
& - m_{200}^{(10)} m_{111}^{(22)} m_{031}^{(20)} + m_{200}^{(10)} m_{111}^{(22)} m_{022}^{(10)} + m_{200}^{(10)} m_{102}^{(10)} m_{031}^{(22)} - 2m_{200}^{(10)} m_{102}^{(10)} m_{022}^{(21)} \\
& + m_{200}^{(10)} m_{102}^{(10)} m_{013}^{(11)} - m_{200}^{(10)} m_{102}^{(11)} m_{121}^{(22)} + m_{200}^{(10)} m_{102}^{(11)} m_{112}^{(21)} + m_{200}^{(10)} m_{102}^{(11)} m_{022}^{(20)} \\
& - m_{200}^{(10)} m_{102}^{(11)} m_{013}^{(10)} - m_{200}^{(10)} m_{102}^{(20)} m_{040}^{(22)} + 2m_{200}^{(10)} m_{102}^{(20)} m_{031}^{(21)} - m_{200}^{(10)} m_{102}^{(20)} m_{022}^{(11)} \\
& + m_{200}^{(10)} m_{102}^{(21)} m_{130}^{(22)} - m_{200}^{(10)} m_{102}^{(21)} m_{112}^{(11)} - 2m_{200}^{(10)} m_{102}^{(21)} m_{031}^{(20)} + 2m_{200}^{(10)} m_{102}^{(21)} m_{022}^{(10)} \\
& - m_{200}^{(10)} m_{102}^{(22)} m_{130}^{(21)} + m_{200}^{(10)} m_{102}^{(22)} m_{121}^{(11)} + m_{200}^{(10)} m_{102}^{(22)} m_{040}^{(20)} - m_{200}^{(10)} m_{102}^{(22)} m_{031}^{(10)} \\
& + m_{200}^{(10)} m_{021}^{(10)} m_{112}^{(22)} - m_{200}^{(10)} m_{021}^{(10)} m_{103}^{(21)} - m_{200}^{(10)} m_{021}^{(10)} m_{013}^{(20)} + m_{200}^{(10)} m_{021}^{(10)} m_{004}^{(10)} \\
& - m_{200}^{(10)} m_{021}^{(11)} m_{202}^{(22)} + 2m_{200}^{(10)} m_{021}^{(11)} m_{103}^{(20)} - m_{200}^{(10)} m_{021}^{(11)} m_{004}^{(00)} - m_{200}^{(10)} m_{021}^{(20)} m_{121}^{(22)} \\
& + m_{200}^{(10)} m_{021}^{(20)} m_{112}^{(21)} + m_{200}^{(10)} m_{021}^{(20)} m_{022}^{(20)} - m_{200}^{(10)} m_{021}^{(20)} m_{013}^{(10)} + m_{200}^{(10)} m_{021}^{(21)} m_{211}^{(22)} \\
& + m_{200}^{(10)} m_{021}^{(21)} m_{202}^{(21)} - 3m_{200}^{(10)} m_{021}^{(21)} m_{112}^{(20)} - m_{200}^{(10)} m_{021}^{(21)} m_{103}^{(10)} + 2m_{200}^{(10)} m_{021}^{(21)} m_{013}^{(00)} \\
& - m_{200}^{(10)} m_{021}^{(22)} m_{211}^{(21)} + m_{200}^{(10)} m_{021}^{(22)} m_{121}^{(20)} + m_{200}^{(10)} m_{021}^{(22)} m_{112}^{(10)} - m_{200}^{(10)} m_{021}^{(22)} m_{022}^{(00)} \\
& - m_{200}^{(10)} m_{012}^{(10)} m_{121}^{(22)} + m_{200}^{(10)} m_{012}^{(10)} m_{103}^{(11)} + 2m_{200}^{(10)} m_{012}^{(10)} m_{022}^{(20)} - 2m_{200}^{(10)} m_{012}^{(10)} m_{013}^{(10)} \\
& + m_{200}^{(10)} m_{012}^{(11)} m_{211}^{(22)} + m_{200}^{(10)} m_{012}^{(11)} m_{202}^{(21)} - 3m_{200}^{(10)} m_{012}^{(11)} m_{112}^{(20)} - m_{200}^{(10)} m_{012}^{(11)} m_{103}^{(10)} \\
& + 2m_{200}^{(10)} m_{012}^{(11)} m_{013}^{(00)} + m_{200}^{(10)} m_{012}^{(20)} m_{130}^{(22)} - m_{200}^{(10)} m_{012}^{(20)} m_{112}^{(11)} - 2m_{200}^{(10)} m_{012}^{(20)} m_{031}^{(20)} \\
& + 2m_{200}^{(10)} m_{012}^{(20)} m_{022}^{(10)} - m_{200}^{(10)} m_{012}^{(21)} m_{220}^{(22)} - 2m_{200}^{(10)} m_{012}^{(21)} m_{211}^{(21)} - m_{200}^{(10)} m_{012}^{(21)} m_{202}^{(11)} \\
& + 4m_{200}^{(10)} m_{012}^{(21)} m_{121}^{(20)} + 4m_{200}^{(10)} m_{012}^{(21)} m_{112}^{(10)} - 4m_{200}^{(10)} m_{012}^{(21)} m_{022}^{(00)} + m_{200}^{(10)} m_{012}^{(22)} m_{220}^{(21)} \\
& + m_{200}^{(10)} m_{012}^{(22)} m_{211}^{(11)} - m_{200}^{(10)} m_{012}^{(22)} m_{130}^{(20)} - 3m_{200}^{(10)} m_{012}^{(22)} m_{121}^{(10)} + 2m_{200}^{(10)} m_{012}^{(22)} m_{031}^{(00)} \\
& + m_{200}^{(10)} m_{003}^{(10)} m_{121}^{(21)} - m_{200}^{(10)} m_{003}^{(10)} m_{112}^{(11)} - m_{200}^{(10)} m_{003}^{(10)} m_{031}^{(20)} + m_{200}^{(10)} m_{003}^{(10)} m_{022}^{(10)} \\
& - m_{200}^{(10)} m_{003}^{(11)} m_{211}^{(21)} + m_{200}^{(10)} m_{003}^{(11)} m_{121}^{(20)} + m_{200}^{(10)} m_{003}^{(11)} m_{112}^{(10)} - m_{200}^{(10)} m_{003}^{(11)} m_{022}^{(00)}
\end{aligned}
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\begin{aligned}
&-m_{200}^{(10)}m_{003}^{(20)}m_{130}^{(21)}+m_{200}^{(10)}m_{003}^{(20)}m_{121}^{(11)}+m_{200}^{(10)}m_{003}^{(20)}m_{040}^{(20)}-m_{200}^{(10)}m_{003}^{(20)}m_{031}^{(10)}\\
&+m_{200}^{(10)}m_{003}^{(21)}m_{220}^{(21)}+m_{200}^{(10)}m_{003}^{(21)}m_{211}^{(11)}-m_{200}^{(10)}m_{003}^{(21)}m_{130}^{(20)}-3m_{200}^{(10)}m_{003}^{(21)}m_{121}^{(10)}\\
&+2m_{200}^{(10)}m_{003}^{(21)}m_{031}^{(00)}-m_{200}^{(10)}m_{003}^{(22)}m_{220}^{(11)}+2m_{200}^{(10)}m_{003}^{(22)}m_{130}^{(10)}-m_{200}^{(10)}m_{003}^{(22)}m_{040}^{(00)}\\
&+m_{200}^{(11)}m_{201}^{(10)}m_{022}^{(22)}-2m_{200}^{(11)}m_{201}^{(10)}m_{013}^{(21)}+m_{200}^{(11)}m_{201}^{(10)}m_{004}^{(11)}-m_{200}^{(11)}m_{201}^{(11)}m_{112}^{(22)}\\
&+m_{200}^{(11)}m_{201}^{(11)}m_{103}^{(21)}+m_{200}^{(11)}m_{201}^{(11)}m_{013}^{(20)}-m_{200}^{(11)}m_{201}^{(11)}m_{004}^{(10)}-m_{200}^{(11)}m_{201}^{(20)}m_{031}^{(22)}\\
&+2m_{200}^{(11)}m_{201}^{(20)}m_{022}^{(21)}-m_{200}^{(11)}m_{201}^{(20)}m_{013}^{(11)}+m_{200}^{(11)}m_{201}^{(21)}m_{121}^{(22)}-m_{200}^{(11)}m_{201}^{(21)}m_{103}^{(11)}\\
&-2m_{200}^{(11)}m_{201}^{(21)}m_{022}^{(20)}+2m_{200}^{(11)}m_{201}^{(21)}m_{013}^{(10)}-m_{200}^{(11)}m_{201}^{(22)}m_{121}^{(21)}+m_{200}^{(11)}m_{201}^{(22)}m_{112}^{(11)}\\
&+m_{200}^{(11)}m_{201}^{(22)}m_{031}^{(20)}-m_{200}^{(11)}m_{201}^{(22)}m_{022}^{(10)}-m_{200}^{(11)}m_{111}^{(10)}m_{112}^{(22)}+m_{200}^{(11)}m_{111}^{(10)}m_{103}^{(21)}\\
&+m_{200}^{(11)}m_{111}^{(10)}m_{013}^{(20)}-m_{200}^{(11)}m_{111}^{(10)}m_{004}^{(10)}+m_{200}^{(11)}m_{111}^{(11)}m_{202}^{(22)}-2m_{200}^{(11)}m_{111}^{(11)}m_{103}^{(20)}\\
&+m_{200}^{(11)}m_{111}^{(11)}m_{004}^{(00)}+m_{200}^{(11)}m_{111}^{(20)}m_{121}^{(22)}-m_{200}^{(11)}m_{111}^{(20)}m_{112}^{(21)}-m_{200}^{(11)}m_{111}^{(20)}m_{022}^{(20)}\\
&+m_{200}^{(11)}m_{111}^{(20)}m_{013}^{(10)}-m_{200}^{(11)}m_{111}^{(21)}m_{211}^{(22)}-m_{200}^{(11)}m_{111}^{(21)}m_{202}^{(21)}+3m_{200}^{(11)}m_{111}^{(21)}m_{112}^{(20)}\\
&+m_{200}^{(11)}m_{111}^{(21)}m_{103}^{(10)}-2m_{200}^{(11)}m_{111}^{(21)}m_{013}^{(00)}+m_{200}^{(11)}m_{111}^{(22)}m_{211}^{(21)}-m_{200}^{(11)}m_{111}^{(22)}m_{121}^{(20)}\\
&-m_{200}^{(11)}m_{111}^{(22)}m_{112}^{(10)}+m_{200}^{(11)}m_{111}^{(22)}m_{022}^{(00)}-m_{200}^{(11)}m_{102}^{(10)}m_{121}^{(22)}+3m_{200}^{(11)}m_{102}^{(10)}m_{112}^{(21)}\\
&-2m_{200}^{(11)}m_{102}^{(10)}m_{103}^{(11)}-m_{200}^{(11)}m_{102}^{(10)}m_{022}^{(20)}+m_{200}^{(11)}m_{102}^{(10)}m_{013}^{(10)}+m_{200}^{(11)}m_{102}^{(11)}m_{211}^{(22)}\\
&-2m_{200}^{(11)}m_{102}^{(11)}m_{202}^{(21)}+2m_{200}^{(11)}m_{102}^{(11)}m_{103}^{(10)}-m_{200}^{(11)}m_{102}^{(11)}m_{013}^{(00)}+m_{200}^{(11)}m_{102}^{(20)}m_{102}^{(22)}\\
&-3m_{200}^{(11)}m_{102}^{(20)}m_{121}^{(21)}+2m_{200}^{(11)}m_{102}^{(20)}m_{112}^{(11)}+m_{200}^{(11)}m_{102}^{(20)}m_{031}^{(20)}-m_{200}^{(11)}m_{102}^{(20)}m_{022}^{(10)}\\
&-m_{200}^{(11)}m_{102}^{(21)}m_{220}^{(22)}+m_{200}^{(11)}m_{102}^{(21)}m_{211}^{(21)}+2m_{200}^{(11)}m_{102}^{(21)}m_{202}^{(11)}+m_{200}^{(11)}m_{102}^{(21)}m_{121}^{(20)}\\
&-5m_{200}^{(11)}m_{102}^{(21)}m_{112}^{(10)}+2m_{200}^{(11)}m_{102}^{(21)}m_{022}^{(00)}+m_{200}^{(11)}m_{102}^{(22)}m_{220}^{(21)}-2m_{200}^{(11)}m_{102}^{(22)}m_{211}^{(11)}\\
&-m_{200}^{(11)}m_{102}^{(22)}m_{130}^{(20)}+3m_{200}^{(11)}m_{102}^{(22)}m_{121}^{(10)}-m_{200}^{(11)}m_{102}^{(22)}m_{031}^{(00)}+m_{200}^{(11)}m_{012}^{(10)}m_{211}^{(22)}\\
&-m_{200}^{(11)}m_{012}^{(10)}m_{202}^{(21)}-m_{200}^{(11)}m_{012}^{(10)}m_{112}^{(20)}+m_{200}^{(11)}m_{012}^{(10)}m_{103}^{(10)}-m_{200}^{(11)}m_{012}^{(10)}m_{301}^{(22)}\\
&+2m_{200}^{(11)}m_{012}^{(11)}m_{202}^{(20)}-m_{200}^{(11)}m_{012}^{(11)}m_{103}^{(00)}-m_{200}^{(11)}m_{012}^{(20)}m_{220}^{(22)}+m_{200}^{(11)}m_{012}^{(20)}m_{211}^{(21)}\\
&+m_{200}^{(11)}m_{012}^{(20)}m_{121}^{(20)}-m_{200}^{(11)}m_{012}^{(20)}m_{112}^{(10)}+m_{200}^{(11)}m_{012}^{(21)}m_{310}^{(22)}+m_{200}^{(11)}m_{012}^{(21)}m_{301}^{(21)}\\
&-3m_{200}^{(11)}m_{012}^{(21)}m_{211}^{(20)}-m_{200}^{(11)}m_{012}^{(21)}m_{202}^{(10)}+2m_{200}^{(11)}m_{012}^{(21)}m_{112}^{(00)}-m_{200}^{(11)}m_{012}^{(22)}m_{310}^{(21)}\\
&+m_{200}^{(11)}m_{012}^{(22)}m_{220}^{(20)}+m_{200}^{(11)}m_{012}^{(22)}m_{211}^{(10)}-m_{200}^{(11)}m_{012}^{(22)}m_{121}^{(00)}-m_{200}^{(11)}m_{003}^{(10)}m_{211}^{(21)}\\
&+m_{200}^{(11)}m_{003}^{(10)}m_{202}^{(11)}+m_{200}^{(11)}m_{003}^{(10)}m_{121}^{(20)}-m_{200}^{(11)}m_{003}^{(10)}m_{112}^{(10)}+m_{200}^{(11)}m_{003}^{(11)}m_{301}^{(21)}\\
&-m_{200}^{(11)}m_{003}^{(11)}m_{211}^{(20)}-m_{200}^{(11)}m_{003}^{(11)}m_{202}^{(10)}+m_{200}^{(11)}m_{003}^{(11)}m_{112}^{(00)}+m_{200}^{(11)}m_{003}^{(20)}m_{220}^{(21)}\\
&-m_{200}^{(11)}m_{003}^{(20)}m_{211}^{(11)}-m_{200}^{(11)}m_{003}^{(20)}m_{130}^{(20)}+m_{200}^{(11)}m_{003}^{(20)}m_{121}^{(10)}-m_{200}^{(11)}m_{003}^{(21)}m_{310}^{(21)}\\
&-m_{200}^{(11)}m_{003}^{(21)}m_{301}^{(11)}+m_{200}^{(11)}m_{003}^{(21)}m_{220}^{(20)}+3m_{200}^{(11)}m_{003}^{(21)}m_{211}^{(10)}-2m_{200}^{(11)}m_{003}^{(21)}m_{121}^{(00)}\\
&+m_{200}^{(11)}m_{003}^{(22)}m_{310}^{(11)}-2m_{200}^{(11)}m_{003}^{(22)}m_{220}^{(10)}+m_{200}^{(11)}m_{003}^{(22)}m_{130}^{(00)}+m_{200}^{(20)}m_{120}^{(10)}m_{022}^{(22)}\\
&-2m_{200}^{(20)}m_{120}^{(10)}m_{013}^{(21)}+m_{200}^{(20)}m_{120}^{(10)}m_{004}^{(11)}-m_{200}^{(20)}m_{120}^{(11)}m_{112}^{(22)}+m_{200}^{(20)}m_{120}^{(11)}m_{103}^{(21)}\\
&+m_{200}^{(20)}m_{120}^{(11)}m_{013}^{(20)}-m_{200}^{(20)}m_{120}^{(11)}m_{004}^{(10)}-m_{200}^{(20)}m_{120}^{(20)}m_{031}^{(22)}+2m_{200}^{(20)}m_{120}^{(20)}m_{022}^{(21)}\\
&-m_{200}^{(20)}m_{120}^{(20)}m_{013}^{(11)}+m_{200}^{(20)}m_{120}^{(21)}m_{121}^{(22)}-m_{200}^{(20)}m_{120}^{(21)}m_{103}^{(11)}-2m_{200}^{(20)}m_{120}^{(21)}m_{022}^{(20)}\\
&+2m_{200}^{(20)}m_{120}^{(21)}m_{013}^{(10)}-m_{200}^{(20)}m_{120}^{(22)}m_{121}^{(21)}+m_{200}^{(20)}m_{120}^{(22)}m_{112}^{(11)}+m_{200}^{(20)}m_{120}^{(22)}m_{031}^{(20)}\\
&-m_{200}^{(20)}m_{120}^{(22)}m_{022}^{(10)}-m_{200}^{(20)}m_{111}^{(10)}m_{031}^{(22)}+2m_{200}^{(20)}m_{111}^{(10)}m_{022}^{(21)}-m_{200}^{(20)}m_{111}^{(10)}m_{013}^{(11)}\\
&+m_{200}^{(20)}m_{111}^{(11)}m_{121}^{(22)}-m_{200}^{(20)}m_{111}^{(11)}m_{112}^{(21)}-m_{200}^{(20)}m_{111}^{(11)}m_{022}^{(20)}+m_{200}^{(20)}m_{111}^{(11)}m_{013}^{(10)}\\
&+m_{200}^{(20)}m_{111}^{(20)}m_{040}^{(22)}-2m_{200}^{(20)}m_{111}^{(20)}m_{031}^{(21)}+m_{200}^{(20)}m_{111}^{(20)}m_{022}^{(11)}-m_{200}^{(20)}m_{111}^{(21)}m_{130}^{(22)}\\
&+m_{200}^{(20)}m_{111}^{(21)}m_{112}^{(11)}+2m_{200}^{(20)}m_{111}^{(21)}m_{031}^{(20)}-2m_{200}^{(20)}m_{111}^{(21)}m_{022}^{(10)}+m_{200}^{(20)}m_{111}^{(22)}m_{130}^{(21)}\\
&-m_{200}^{(20)}m_{111}^{(22)}m_{121}^{(11)}-m_{200}^{(20)}m_{111}^{(22)}m_{040}^{(20)}+m_{200}^{(20)}m_{111}^{(22)}m_{031}^{(10)}-m_{200}^{(20)}m_{030}^{(10)}m_{112}^{(22)}
\end{aligned}
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\begin{aligned}
&+m_{200}^{(20)}m_{030}^{(10)}m_{103}^{(21)}+m_{200}^{(20)}m_{030}^{(10)}m_{013}^{(20)}-m_{200}^{(20)}m_{030}^{(10)}m_{004}^{(10)}+m_{200}^{(20)}m_{030}^{(11)}m_{202}^{(22)}\\
&-2m_{200}^{(20)}m_{030}^{(11)}m_{103}^{(20)}+m_{200}^{(20)}m_{030}^{(11)}m_{004}^{(00)}+m_{200}^{(20)}m_{030}^{(20)}m_{121}^{(22)}-m_{200}^{(20)}m_{030}^{(20)}m_{112}^{(21)}\\
&-m_{200}^{(20)}m_{030}^{(20)}m_{022}^{(20)}+m_{200}^{(20)}m_{030}^{(20)}m_{013}^{(10)}-m_{200}^{(20)}m_{030}^{(21)}m_{211}^{(22)}-m_{200}^{(20)}m_{030}^{(21)}m_{202}^{(21)}\\
&+3m_{200}^{(20)}m_{030}^{(21)}m_{112}^{(20)}+m_{200}^{(20)}m_{030}^{(21)}m_{103}^{(10)}-2m_{200}^{(20)}m_{030}^{(21)}m_{013}^{(00)}+m_{200}^{(20)}m_{030}^{(22)}m_{211}^{(21)}\\
&-m_{200}^{(20)}m_{030}^{(22)}m_{121}^{(20)}-m_{200}^{(20)}m_{030}^{(22)}m_{112}^{(10)}+m_{200}^{(20)}m_{030}^{(22)}m_{022}^{(00)}+m_{200}^{(20)}m_{021}^{(10)}m_{121}^{(22)}\\
&-m_{200}^{(20)}m_{021}^{(10)}m_{103}^{(11)}-2m_{200}^{(20)}m_{021}^{(10)}m_{022}^{(20)}+2m_{200}^{(20)}m_{021}^{(10)}m_{013}^{(10)}-m_{200}^{(20)}m_{021}^{(11)}m_{211}^{(22)}\\
&-m_{200}^{(20)}m_{021}^{(11)}m_{202}^{(21)}+3m_{200}^{(20)}m_{021}^{(11)}m_{112}^{(20)}+m_{200}^{(20)}m_{021}^{(11)}m_{103}^{(10)}-2m_{200}^{(20)}m_{021}^{(11)}m_{013}^{(00)}\\
&-m_{200}^{(20)}m_{021}^{(20)}m_{130}^{(22)}+m_{200}^{(20)}m_{021}^{(20)}m_{112}^{(11)}+2m_{200}^{(20)}m_{021}^{(20)}m_{031}^{(20)}-2m_{200}^{(20)}m_{021}^{(20)}m_{022}^{(10)}\\
&+m_{200}^{(20)}m_{021}^{(21)}m_{220}^{(22)}+2m_{200}^{(20)}m_{021}^{(21)}m_{211}^{(21)}+m_{200}^{(20)}m_{021}^{(21)}m_{202}^{(11)}-4m_{200}^{(20)}m_{021}^{(21)}m_{121}^{(20)}\\
&-4m_{200}^{(20)}m_{021}^{(21)}m_{112}^{(10)}+4m_{200}^{(20)}m_{021}^{(21)}m_{022}^{(00)}-m_{200}^{(20)}m_{021}^{(22)}m_{220}^{(21)}-m_{200}^{(20)}m_{021}^{(22)}m_{211}^{(11)}\\
&+m_{200}^{(20)}m_{021}^{(22)}m_{130}^{(20)}+3m_{200}^{(20)}m_{021}^{(22)}m_{121}^{(10)}-2m_{200}^{(20)}m_{021}^{(22)}m_{031}^{(00)}-m_{200}^{(20)}m_{012}^{(10)}m_{121}^{(21)}\\
&+m_{200}^{(20)}m_{012}^{(10)}m_{112}^{(11)}+m_{200}^{(20)}m_{012}^{(10)}m_{031}^{(20)}-m_{200}^{(20)}m_{012}^{(10)}m_{022}^{(10)}+m_{200}^{(20)}m_{012}^{(11)}m_{211}^{(21)}\\
&-m_{200}^{(20)}m_{012}^{(11)}m_{121}^{(20)}-m_{200}^{(20)}m_{012}^{(11)}m_{112}^{(10)}+m_{200}^{(20)}m_{012}^{(11)}m_{022}^{(00)}+m_{200}^{(20)}m_{012}^{(20)}m_{130}^{(21)}\\
&-m_{200}^{(20)}m_{012}^{(20)}m_{121}^{(11)}-m_{200}^{(20)}m_{012}^{(20)}m_{040}^{(20)}+m_{200}^{(20)}m_{012}^{(20)}m_{031}^{(10)}-m_{200}^{(20)}m_{012}^{(21)}m_{220}^{(21)}\\
&-m_{200}^{(20)}m_{012}^{(21)}m_{211}^{(11)}+m_{200}^{(20)}m_{012}^{(21)}m_{130}^{(20)}+3m_{200}^{(20)}m_{012}^{(21)}m_{121}^{(10)}-2m_{200}^{(20)}m_{012}^{(21)}m_{031}^{(00)}\\
&+m_{200}^{(20)}m_{012}^{(22)}m_{220}^{(11)}-2m_{200}^{(20)}m_{012}^{(22)}m_{130}^{(10)}+m_{200}^{(20)}m_{012}^{(22)}m_{040}^{(00)}-m_{200}^{(21)}m_{210}^{(10)}m_{022}^{(22)}\\
&+2m_{200}^{(21)}m_{210}^{(10)}m_{013}^{(21)}-m_{200}^{(21)}m_{210}^{(10)}m_{004}^{(11)}+m_{200}^{(21)}m_{210}^{(11)}m_{112}^{(22)}-m_{200}^{(21)}m_{210}^{(11)}m_{103}^{(21)}\\
&-m_{200}^{(21)}m_{210}^{(11)}m_{013}^{(20)}+m_{200}^{(21)}m_{210}^{(11)}m_{004}^{(10)}+m_{200}^{(21)}m_{210}^{(20)}m_{031}^{(22)}-2m_{200}^{(21)}m_{210}^{(20)}m_{022}^{(21)}\\
&+m_{200}^{(21)}m_{210}^{(20)}m_{013}^{(11)}-m_{200}^{(21)}m_{210}^{(21)}m_{121}^{(22)}+m_{200}^{(21)}m_{210}^{(21)}m_{103}^{(11)}+2m_{200}^{(21)}m_{210}^{(21)}m_{022}^{(20)}\\
&-2m_{200}^{(21)}m_{210}^{(21)}m_{013}^{(10)}+m_{200}^{(21)}m_{210}^{(22)}m_{121}^{(21)}-m_{200}^{(21)}m_{210}^{(22)}m_{112}^{(11)}-m_{200}^{(21)}m_{210}^{(22)}m_{031}^{(20)}\\
&+m_{200}^{(21)}m_{210}^{(22)}m_{022}^{(10)}-m_{200}^{(21)}m_{201}^{(10)}m_{031}^{(22)}+2m_{200}^{(21)}m_{201}^{(10)}m_{022}^{(21)}-m_{200}^{(21)}m_{201}^{(10)}m_{013}^{(11)}\\
&+m_{200}^{(21)}m_{201}^{(11)}m_{121}^{(22)}-m_{200}^{(21)}m_{201}^{(11)}m_{112}^{(21)}-m_{200}^{(21)}m_{201}^{(11)}m_{022}^{(20)}+m_{200}^{(21)}m_{201}^{(11)}m_{013}^{(10)}\\
&+m_{200}^{(21)}m_{201}^{(20)}m_{040}^{(22)}-2m_{200}^{(21)}m_{201}^{(20)}m_{031}^{(21)}+m_{200}^{(21)}m_{201}^{(20)}m_{022}^{(11)}-m_{200}^{(21)}m_{201}^{(21)}m_{130}^{(22)}\\
&+m_{200}^{(21)}m_{201}^{(21)}m_{112}^{(11)}+2m_{200}^{(21)}m_{201}^{(21)}m_{031}^{(20)}-2m_{200}^{(21)}m_{201}^{(21)}m_{022}^{(10)}+m_{200}^{(21)}m_{201}^{(22)}m_{130}^{(21)}\\
&-m_{200}^{(21)}m_{201}^{(22)}m_{121}^{(11)}-m_{200}^{(21)}m_{201}^{(22)}m_{040}^{(20)}+m_{200}^{(21)}m_{201}^{(22)}m_{031}^{(10)}+m_{200}^{(21)}m_{120}^{(10)}m_{112}^{(22)}\\
&-m_{200}^{(21)}m_{120}^{(10)}m_{103}^{(21)}-m_{200}^{(21)}m_{120}^{(10)}m_{013}^{(20)}+m_{200}^{(21)}m_{120}^{(10)}m_{004}^{(10)}-m_{200}^{(21)}m_{120}^{(11)}m_{202}^{(22)}\\
&+2m_{200}^{(21)}m_{120}^{(11)}m_{103}^{(20)}-m_{200}^{(21)}m_{120}^{(11)}m_{004}^{(00)}-m_{200}^{(21)}m_{120}^{(20)}m_{121}^{(22)}+m_{200}^{(21)}m_{120}^{(20)}m_{112}^{(21)}\\
&+m_{200}^{(21)}m_{120}^{(20)}m_{022}^{(20)}-m_{200}^{(21)}m_{120}^{(20)}m_{013}^{(10)}+m_{200}^{(21)}m_{120}^{(21)}m_{211}^{(22)}+m_{200}^{(21)}m_{120}^{(21)}m_{202}^{(21)}\\
&-3m_{200}^{(21)}m_{120}^{(21)}m_{112}^{(20)}-m_{200}^{(21)}m_{120}^{(21)}m_{103}^{(10)}+2m_{200}^{(21)}m_{120}^{(21)}m_{013}^{(00)}-m_{200}^{(21)}m_{120}^{(22)}m_{211}^{(21)}\\
&+m_{200}^{(21)}m_{120}^{(22)}m_{121}^{(20)}+m_{200}^{(21)}m_{120}^{(22)}m_{112}^{(10)}-m_{200}^{(21)}m_{120}^{(22)}m_{022}^{(00)}+3m_{200}^{(21)}m_{111}^{(10)}m_{121}^{(22)}\\
&-6m_{200}^{(21)}m_{111}^{(10)}m_{112}^{(21)}+3m_{200}^{(21)}m_{111}^{(10)}m_{103}^{(11)}-3m_{200}^{(21)}m_{111}^{(11)}m_{211}^{(22)}+3m_{200}^{(21)}m_{111}^{(11)}m_{202}^{(21)}\\
&+3m_{200}^{(21)}m_{111}^{(11)}m_{112}^{(20)}-3m_{200}^{(21)}m_{111}^{(11)}m_{103}^{(10)}-3m_{200}^{(21)}m_{111}^{(20)}m_{130}^{(22)}+6m_{200}^{(21)}m_{111}^{(20)}m_{121}^{(21)}\\
&-3m_{200}^{(21)}m_{111}^{(20)}m_{112}^{(11)}+3m_{200}^{(21)}m_{111}^{(21)}m_{220}^{(22)}-3m_{200}^{(21)}m_{111}^{(21)}m_{202}^{(11)}-6m_{200}^{(21)}m_{111}^{(21)}m_{121}^{(20)}\\
&+6m_{200}^{(21)}m_{111}^{(21)}m_{112}^{(10)}-3m_{200}^{(21)}m_{111}^{(22)}m_{220}^{(21)}+3m_{200}^{(21)}m_{111}^{(22)}m_{211}^{(11)}+3m_{200}^{(21)}m_{111}^{(22)}m_{130}^{(20)}\\
&-3m_{200}^{(21)}m_{111}^{(22)}m_{121}^{(10)}-m_{200}^{(21)}m_{102}^{(10)}m_{121}^{(21)}+m_{200}^{(21)}m_{102}^{(10)}m_{112}^{(11)}+m_{200}^{(21)}m_{102}^{(10)}m_{031}^{(20)}\\
&-m_{200}^{(21)}m_{102}^{(10)}m_{022}^{(10)}+m_{200}^{(21)}m_{102}^{(11)}m_{211}^{(21)}-m_{200}^{(21)}m_{102}^{(11)}m_{121}^{(20)}-m_{200}^{(21)}m_{102}^{(11)}m_{112}^{(10)}\\
&+m_{200}^{(21)}m_{102}^{(11)}m_{022}^{(00)}+m_{200}^{(21)}m_{102}^{(20)}m_{130}^{(21)}-m_{200}^{(21)}m_{102}^{(20)}m_{121}^{(11)}-m_{200}^{(21)}m_{102}^{(20)}m_{040}^{(20)}\\
&+m_{200}^{(21)}m_{102}^{(20)}m_{031}^{(10)}-m_{200}^{(21)}m_{102}^{(21)}m_{220}^{(21)}-m_{200}^{(21)}m_{102}^{(21)}m_{211}^{(11)}+m_{200}^{(21)}m_{102}^{(21)}m_{130}^{(20)}
\end{aligned}
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$$+3m_{200}^{(21)}m_{102}^{(21)}m_{121}^{(10)} - 2m_{200}^{(21)}m_{102}^{(21)}m_{031}^{(00)} + m_{200}^{(21)}m_{102}^{(22)}m_{220}^{(11)} - 2m_{200}^{(21)}m_{102}^{(22)}m_{130}^{(10)}$$
$$+m_{200}^{(21)}m_{102}^{(22)}m_{040}^{(00)} - 2m_{200}^{(21)}m_{021}^{(10)}m_{211}^{(22)} + 2m_{200}^{(21)}m_{021}^{(10)}m_{202}^{(21)} + 2m_{200}^{(21)}m_{021}^{(10)}m_{112}^{(20)}$$
$$-2m_{200}^{(21)}m_{021}^{(10)}m_{103}^{(10)} + 2m_{200}^{(21)}m_{021}^{(11)}m_{301}^{(22)} - 4m_{200}^{(21)}m_{021}^{(11)}m_{202}^{(20)} + 2m_{200}^{(21)}m_{021}^{(11)}m_{103}^{(00)}$$
$$+2m_{200}^{(21)}m_{021}^{(20)}m_{220}^{(22)} - 2m_{200}^{(21)}m_{021}^{(20)}m_{211}^{(21)} - 2m_{200}^{(21)}m_{021}^{(20)}m_{121}^{(20)} + 2m_{200}^{(21)}m_{021}^{(20)}m_{112}^{(10)}$$
$$-2m_{200}^{(21)}m_{021}^{(21)}m_{310}^{(22)} - 2m_{200}^{(21)}m_{021}^{(21)}m_{301}^{(21)} + 6m_{200}^{(21)}m_{021}^{(21)}m_{211}^{(20)} + 2m_{200}^{(21)}m_{021}^{(21)}m_{202}^{(10)}$$
$$-4m_{200}^{(21)}m_{021}^{(21)}m_{112}^{(00)} + 2m_{200}^{(21)}m_{021}^{(22)}m_{310}^{(21)} - 2m_{200}^{(21)}m_{021}^{(22)}m_{220}^{(20)} - 2m_{200}^{(21)}m_{021}^{(22)}m_{211}^{(10)}$$
$$+2m_{200}^{(21)}m_{021}^{(22)}m_{121}^{(00)} + 2m_{200}^{(21)}m_{012}^{(10)}m_{211}^{(21)} - 2m_{200}^{(21)}m_{012}^{(10)}m_{202}^{(11)} - 2m_{200}^{(21)}m_{012}^{(10)}m_{121}^{(20)}$$
$$+2m_{200}^{(21)}m_{012}^{(10)}m_{112}^{(10)} - 2m_{200}^{(21)}m_{012}^{(11)}m_{301}^{(21)} + 2m_{200}^{(21)}m_{012}^{(11)}m_{211}^{(20)} + 2m_{200}^{(21)}m_{012}^{(11)}m_{202}^{(10)}$$
$$-2m_{200}^{(21)}m_{012}^{(11)}m_{112}^{(00)} - 2m_{200}^{(21)}m_{012}^{(20)}m_{220}^{(21)} + 2m_{200}^{(21)}m_{012}^{(20)}m_{211}^{(11)} + 2m_{200}^{(21)}m_{012}^{(20)}m_{130}^{(20)}$$
$$-2m_{200}^{(21)}m_{012}^{(20)}m_{121}^{(10)} + 2m_{200}^{(21)}m_{012}^{(21)}m_{310}^{(21)} + 2m_{200}^{(21)}m_{012}^{(21)}m_{301}^{(11)} - 2m_{200}^{(21)}m_{012}^{(21)}m_{220}^{(20)}$$
$$-6m_{200}^{(21)}m_{012}^{(21)}m_{211}^{(10)} + 4m_{200}^{(21)}m_{012}^{(21)}m_{121}^{(00)} - 2m_{200}^{(21)}m_{012}^{(22)}m_{310}^{(11)} + 4m_{200}^{(21)}m_{012}^{(22)}m_{220}^{(10)}$$
$$-2m_{200}^{(21)}m_{012}^{(22)}m_{130}^{(00)} + m_{200}^{(22)}m_{210}^{(10)}m_{031}^{(22)} - 2m_{200}^{(22)}m_{210}^{(10)}m_{022}^{(21)} + m_{200}^{(22)}m_{210}^{(10)}m_{013}^{(11)}$$
$$-m_{200}^{(22)}m_{210}^{(11)}m_{121}^{(22)} + m_{200}^{(22)}m_{210}^{(11)}m_{112}^{(21)} + m_{200}^{(22)}m_{210}^{(11)}m_{022}^{(20)} - m_{200}^{(22)}m_{210}^{(11)}m_{013}^{(10)}$$
$$-m_{200}^{(22)}m_{210}^{(20)}m_{040}^{(22)} + 2m_{200}^{(22)}m_{210}^{(20)}m_{031}^{(21)} - m_{200}^{(22)}m_{210}^{(20)}m_{022}^{(11)} + m_{200}^{(22)}m_{210}^{(21)}m_{130}^{(22)}$$
$$-m_{200}^{(22)}m_{210}^{(21)}m_{112}^{(11)} - 2m_{200}^{(22)}m_{210}^{(21)}m_{031}^{(20)} + 2m_{200}^{(22)}m_{210}^{(21)}m_{022}^{(10)} - m_{200}^{(22)}m_{210}^{(22)}m_{130}^{(21)}$$
$$+m_{200}^{(22)}m_{210}^{(22)}m_{121}^{(11)} + m_{200}^{(22)}m_{210}^{(22)}m_{040}^{(20)} - m_{200}^{(22)}m_{210}^{(22)}m_{031}^{(10)} - 2m_{200}^{(22)}m_{120}^{(10)}m_{121}^{(22)}$$
$$+3m_{200}^{(22)}m_{120}^{(10)}m_{112}^{(21)} - m_{200}^{(22)}m_{120}^{(10)}m_{103}^{(11)} + m_{200}^{(22)}m_{120}^{(10)}m_{022}^{(20)} - m_{200}^{(22)}m_{120}^{(10)}m_{013}^{(10)}$$
$$+2m_{200}^{(22)}m_{120}^{(11)}m_{211}^{(22)} - m_{200}^{(22)}m_{120}^{(11)}m_{202}^{(21)} - 3m_{200}^{(22)}m_{120}^{(11)}m_{112}^{(20)} + m_{200}^{(22)}m_{120}^{(11)}m_{103}^{(10)}$$
$$+m_{200}^{(22)}m_{120}^{(11)}m_{013}^{(00)} + 2m_{200}^{(22)}m_{120}^{(20)}m_{130}^{(22)} - 3m_{200}^{(22)}m_{120}^{(20)}m_{121}^{(21)} + m_{200}^{(22)}m_{120}^{(20)}m_{112}^{(11)}$$
$$-m_{200}^{(22)}m_{120}^{(20)}m_{031}^{(20)} + m_{200}^{(22)}m_{120}^{(20)}m_{022}^{(10)} - 2m_{200}^{(22)}m_{120}^{(21)}m_{220}^{(22)} - m_{200}^{(22)}m_{120}^{(21)}m_{211}^{(21)}$$
$$+m_{200}^{(22)}m_{120}^{(21)}m_{202}^{(11)} + 5m_{200}^{(22)}m_{120}^{(21)}m_{121}^{(20)} - m_{200}^{(22)}m_{120}^{(21)}m_{112}^{(10)} - 2m_{200}^{(22)}m_{120}^{(21)}m_{022}^{(00)}$$
$$+2m_{200}^{(22)}m_{120}^{(22)}m_{220}^{(21)} - m_{200}^{(22)}m_{120}^{(22)}m_{211}^{(11)} - 2m_{200}^{(22)}m_{120}^{(22)}m_{130}^{(20)} + m_{200}^{(22)}m_{120}^{(22)}m_{031}^{(00)}$$
$$+m_{200}^{(22)}m_{111}^{(10)}m_{121}^{(21)} - m_{200}^{(22)}m_{111}^{(10)}m_{112}^{(11)} - m_{200}^{(22)}m_{111}^{(10)}m_{031}^{(20)} + m_{200}^{(22)}m_{111}^{(10)}m_{022}^{(10)}$$
$$-m_{200}^{(22)}m_{111}^{(11)}m_{211}^{(21)} + m_{200}^{(22)}m_{111}^{(11)}m_{121}^{(20)} + m_{200}^{(22)}m_{111}^{(11)}m_{112}^{(10)} - m_{200}^{(22)}m_{111}^{(11)}m_{022}^{(00)}$$
$$-m_{200}^{(22)}m_{111}^{(20)}m_{130}^{(21)} + m_{200}^{(22)}m_{111}^{(20)}m_{121}^{(11)} + m_{200}^{(22)}m_{111}^{(20)}m_{040}^{(20)} - m_{200}^{(22)}m_{111}^{(20)}m_{031}^{(10)}$$
$$+m_{200}^{(22)}m_{111}^{(21)}m_{220}^{(21)} + m_{200}^{(22)}m_{111}^{(21)}m_{211}^{(11)} - m_{200}^{(22)}m_{111}^{(21)}m_{130}^{(20)} - 3m_{200}^{(22)}m_{111}^{(21)}m_{121}^{(10)}$$
$$+2m_{200}^{(22)}m_{111}^{(21)}m_{031}^{(00)} - m_{200}^{(22)}m_{111}^{(22)}m_{220}^{(11)} + 2m_{200}^{(22)}m_{111}^{(22)}m_{130}^{(10)} - m_{200}^{(22)}m_{111}^{(22)}m_{040}^{(00)}$$
$$+m_{200}^{(22)}m_{030}^{(10)}m_{211}^{(22)} - m_{200}^{(22)}m_{030}^{(10)}m_{202}^{(21)} - m_{200}^{(22)}m_{030}^{(10)}m_{112}^{(20)} + m_{200}^{(22)}m_{030}^{(10)}m_{103}^{(10)}$$
$$-m_{200}^{(22)}m_{030}^{(11)}m_{301}^{(22)} + 2m_{200}^{(22)}m_{030}^{(11)}m_{202}^{(20)} - m_{200}^{(22)}m_{030}^{(11)}m_{103}^{(00)} - m_{200}^{(22)}m_{030}^{(20)}m_{220}^{(22)}$$
$$+m_{200}^{(22)}m_{030}^{(20)}m_{211}^{(21)} + m_{200}^{(22)}m_{030}^{(20)}m_{121}^{(20)} - m_{200}^{(22)}m_{030}^{(20)}m_{112}^{(10)} + m_{200}^{(22)}m_{030}^{(21)}m_{310}^{(22)}$$
$$+m_{200}^{(22)}m_{030}^{(21)}m_{301}^{(21)} - 3m_{200}^{(22)}m_{030}^{(21)}m_{211}^{(20)} - m_{200}^{(22)}m_{030}^{(21)}m_{202}^{(10)} + 2m_{200}^{(22)}m_{030}^{(21)}m_{112}^{(00)}$$
$$-m_{200}^{(22)}m_{030}^{(22)}m_{310}^{(21)} + m_{200}^{(22)}m_{030}^{(22)}m_{220}^{(20)} + m_{200}^{(22)}m_{030}^{(22)}m_{211}^{(10)} - m_{200}^{(22)}m_{030}^{(22)}m_{121}^{(00)}$$
$$-m_{200}^{(22)}m_{021}^{(10)}m_{211}^{(21)} + m_{200}^{(22)}m_{021}^{(10)}m_{202}^{(11)} + m_{200}^{(22)}m_{021}^{(10)}m_{121}^{(20)} - m_{200}^{(22)}m_{021}^{(10)}m_{112}^{(10)}$$
$$+m_{200}^{(22)}m_{021}^{(11)}m_{301}^{(21)} - m_{200}^{(22)}m_{021}^{(11)}m_{211}^{(20)} - m_{200}^{(22)}m_{021}^{(11)}m_{202}^{(10)} + m_{200}^{(22)}m_{021}^{(11)}m_{112}^{(00)}$$
$$+m_{200}^{(22)}m_{021}^{(20)}m_{220}^{(21)} - m_{200}^{(22)}m_{021}^{(20)}m_{211}^{(11)} - m_{200}^{(22)}m_{021}^{(20)}m_{130}^{(20)} + m_{200}^{(22)}m_{021}^{(20)}m_{121}^{(10)}$$
$$-m_{200}^{(22)}m_{021}^{(21)}m_{310}^{(21)} - m_{200}^{(22)}m_{021}^{(21)}m_{301}^{(11)} + m_{200}^{(22)}m_{021}^{(21)}m_{220}^{(20)} + 3m_{200}^{(22)}m_{021}^{(21)}m_{211}^{(10)}$$
$$-2m_{200}^{(22)}m_{021}^{(21)}m_{121}^{(00)} + m_{200}^{(22)}m_{021}^{(22)}m_{310}^{(11)} - 2m_{200}^{(22)}m_{021}^{(22)}m_{220}^{(10)} + m_{200}^{(22)}m_{021}^{(22)}m_{130}^{(00)}$$
$$+m_{110}^{(00)}m_{111}^{(10)}m_{022}^{(22)} - 2m_{110}^{(00)}m_{111}^{(10)}m_{013}^{(21)} + m_{110}^{(00)}m_{111}^{(10)}m_{004}^{(11)} - m_{110}^{(00)}m_{111}^{(11)}m_{112}^{(22)}$$

$$
\begin{aligned}
&+m_{110}^{(00)}m_{111}^{(11)}m_{103}^{(21)}+m_{110}^{(00)}m_{111}^{(11)}m_{013}^{(20)}-m_{110}^{(00)}m_{111}^{(11)}m_{004}^{(10)}-m_{110}^{(00)}m_{111}^{(20)}m_{031}^{(22)}\\
&+2m_{110}^{(00)}m_{111}^{(20)}m_{022}^{(21)}-m_{110}^{(00)}m_{111}^{(20)}m_{013}^{(11)}+m_{110}^{(00)}m_{111}^{(21)}m_{121}^{(22)}-m_{110}^{(00)}m_{111}^{(21)}m_{103}^{(11)}\\
&-2m_{110}^{(00)}m_{111}^{(21)}m_{022}^{(20)}+2m_{110}^{(00)}m_{111}^{(21)}m_{013}^{(10)}-m_{110}^{(00)}m_{111}^{(22)}m_{121}^{(21)}+m_{110}^{(00)}m_{111}^{(22)}m_{112}^{(11)}\\
&+m_{110}^{(00)}m_{111}^{(22)}m_{031}^{(20)}-m_{110}^{(00)}m_{111}^{(22)}m_{022}^{(10)}-m_{110}^{(00)}m_{102}^{(10)}m_{031}^{(22)}+2m_{110}^{(00)}m_{102}^{(10)}m_{022}^{(21)}\\
&-m_{110}^{(00)}m_{102}^{(10)}m_{013}^{(11)}+m_{110}^{(00)}m_{102}^{(11)}m_{121}^{(22)}-m_{110}^{(00)}m_{102}^{(11)}m_{112}^{(21)}-m_{110}^{(00)}m_{102}^{(11)}m_{022}^{(20)}\\
&+m_{110}^{(00)}m_{102}^{(11)}m_{013}^{(10)}+m_{110}^{(00)}m_{102}^{(20)}m_{040}^{(22)}-2m_{110}^{(00)}m_{102}^{(20)}m_{031}^{(21)}+m_{110}^{(00)}m_{102}^{(20)}m_{022}^{(11)}\\
&-m_{110}^{(00)}m_{102}^{(21)}m_{130}^{(22)}+m_{110}^{(00)}m_{102}^{(21)}m_{112}^{(11)}+2m_{110}^{(00)}m_{102}^{(21)}m_{031}^{(20)}-2m_{110}^{(00)}m_{102}^{(21)}m_{022}^{(10)}\\
&+m_{110}^{(00)}m_{102}^{(22)}m_{130}^{(21)}-m_{110}^{(00)}m_{102}^{(22)}m_{121}^{(11)}-m_{110}^{(00)}m_{102}^{(22)}m_{040}^{(20)}+m_{110}^{(00)}m_{102}^{(22)}m_{031}^{(10)}\\
&-m_{110}^{(00)}m_{021}^{(10)}m_{112}^{(22)}+m_{110}^{(00)}m_{021}^{(10)}m_{103}^{(21)}+m_{110}^{(00)}m_{021}^{(10)}m_{013}^{(20)}-m_{110}^{(00)}m_{021}^{(10)}m_{004}^{(10)}\\
&+m_{110}^{(00)}m_{021}^{(11)}m_{202}^{(22)}-2m_{110}^{(00)}m_{021}^{(11)}m_{103}^{(20)}+m_{110}^{(00)}m_{021}^{(11)}m_{004}^{(00)}+m_{110}^{(00)}m_{021}^{(20)}m_{121}^{(22)}\\
&-m_{110}^{(00)}m_{021}^{(20)}m_{112}^{(21)}-m_{110}^{(00)}m_{021}^{(20)}m_{022}^{(20)}+m_{110}^{(00)}m_{021}^{(20)}m_{013}^{(10)}-m_{110}^{(00)}m_{021}^{(21)}m_{211}^{(22)}\\
&-m_{110}^{(00)}m_{021}^{(21)}m_{202}^{(21)}+3m_{110}^{(00)}m_{021}^{(21)}m_{112}^{(20)}+m_{110}^{(00)}m_{021}^{(21)}m_{103}^{(10)}-2m_{110}^{(00)}m_{021}^{(21)}m_{013}^{(00)}\\
&+m_{110}^{(00)}m_{021}^{(22)}m_{211}^{(21)}-m_{110}^{(00)}m_{021}^{(22)}m_{121}^{(20)}-m_{110}^{(00)}m_{021}^{(22)}m_{112}^{(10)}+m_{110}^{(00)}m_{021}^{(22)}m_{022}^{(00)}\\
&+m_{110}^{(00)}m_{012}^{(10)}m_{121}^{(22)}-m_{110}^{(00)}m_{012}^{(10)}m_{103}^{(11)}-2m_{110}^{(00)}m_{012}^{(10)}m_{022}^{(20)}+2m_{110}^{(00)}m_{012}^{(10)}m_{013}^{(10)}\\
&-m_{110}^{(00)}m_{012}^{(11)}m_{211}^{(22)}-m_{110}^{(00)}m_{012}^{(11)}m_{202}^{(21)}+3m_{110}^{(00)}m_{012}^{(11)}m_{112}^{(20)}+m_{110}^{(00)}m_{012}^{(11)}m_{103}^{(10)}\\
&-2m_{110}^{(00)}m_{012}^{(11)}m_{013}^{(00)}-m_{110}^{(00)}m_{012}^{(20)}m_{130}^{(22)}+m_{110}^{(00)}m_{012}^{(20)}m_{112}^{(11)}+2m_{110}^{(00)}m_{012}^{(20)}m_{031}^{(20)}\\
&-2m_{110}^{(00)}m_{012}^{(20)}m_{022}^{(10)}+m_{110}^{(00)}m_{012}^{(21)}m_{220}^{(22)}+2m_{110}^{(00)}m_{012}^{(21)}m_{211}^{(21)}+m_{110}^{(00)}m_{012}^{(21)}m_{202}^{(11)}\\
&-4m_{110}^{(00)}m_{012}^{(21)}m_{121}^{(20)}-4m_{110}^{(00)}m_{012}^{(21)}m_{112}^{(10)}+4m_{110}^{(00)}m_{012}^{(21)}m_{022}^{(00)}-m_{110}^{(00)}m_{012}^{(22)}m_{220}^{(21)}\\
&-m_{110}^{(00)}m_{012}^{(22)}m_{211}^{(11)}+m_{110}^{(00)}m_{012}^{(22)}m_{130}^{(20)}+3m_{110}^{(00)}m_{012}^{(22)}m_{121}^{(10)}-2m_{110}^{(00)}m_{012}^{(22)}m_{031}^{(00)}\\
&-m_{110}^{(00)}m_{003}^{(10)}m_{121}^{(21)}+m_{110}^{(00)}m_{003}^{(10)}m_{112}^{(11)}+m_{110}^{(00)}m_{003}^{(10)}m_{031}^{(20)}-m_{110}^{(00)}m_{003}^{(10)}m_{022}^{(10)}\\
&+m_{110}^{(00)}m_{003}^{(11)}m_{211}^{(21)}-m_{110}^{(00)}m_{003}^{(11)}m_{121}^{(20)}-m_{110}^{(00)}m_{003}^{(11)}m_{112}^{(10)}+m_{110}^{(00)}m_{003}^{(11)}m_{022}^{(00)}\\
&+m_{110}^{(00)}m_{003}^{(20)}m_{130}^{(21)}-m_{110}^{(00)}m_{003}^{(20)}m_{121}^{(11)}-m_{110}^{(00)}m_{003}^{(20)}m_{040}^{(20)}+m_{110}^{(00)}m_{003}^{(20)}m_{031}^{(10)}\\
&-m_{110}^{(00)}m_{003}^{(21)}m_{220}^{(21)}-m_{110}^{(00)}m_{003}^{(21)}m_{211}^{(11)}+m_{110}^{(00)}m_{003}^{(21)}m_{130}^{(20)}+3m_{110}^{(00)}m_{003}^{(21)}m_{121}^{(10)}\\
&-2m_{110}^{(00)}m_{003}^{(21)}m_{031}^{(00)}+m_{110}^{(00)}m_{003}^{(22)}m_{220}^{(11)}-2m_{110}^{(00)}m_{003}^{(22)}m_{130}^{(10)}+m_{110}^{(00)}m_{003}^{(22)}m_{040}^{(00)}\\
&-m_{110}^{(10)}m_{201}^{(10)}m_{022}^{(22)}+2m_{110}^{(10)}m_{201}^{(10)}m_{013}^{(21)}-m_{110}^{(10)}m_{201}^{(10)}m_{004}^{(11)}+m_{110}^{(10)}m_{201}^{(11)}m_{112}^{(22)}\\
&-m_{110}^{(10)}m_{201}^{(11)}m_{103}^{(21)}-m_{110}^{(10)}m_{201}^{(11)}m_{013}^{(20)}+m_{110}^{(10)}m_{201}^{(11)}m_{004}^{(10)}+m_{110}^{(10)}m_{201}^{(20)}m_{031}^{(22)}\\
&-2m_{110}^{(10)}m_{201}^{(20)}m_{022}^{(21)}+m_{110}^{(10)}m_{201}^{(20)}m_{013}^{(11)}-m_{110}^{(10)}m_{201}^{(21)}m_{121}^{(22)}+m_{110}^{(10)}m_{201}^{(21)}m_{103}^{(11)}\\
&+2m_{110}^{(10)}m_{201}^{(21)}m_{022}^{(20)}-2m_{110}^{(10)}m_{201}^{(21)}m_{013}^{(10)}+m_{110}^{(10)}m_{201}^{(22)}m_{121}^{(21)}-m_{110}^{(10)}m_{201}^{(22)}m_{112}^{(11)}\\
&-m_{110}^{(10)}m_{201}^{(22)}m_{031}^{(20)}+m_{110}^{(10)}m_{201}^{(22)}m_{022}^{(10)}+m_{110}^{(10)}m_{111}^{(00)}m_{022}^{(22)}-2m_{110}^{(10)}m_{111}^{(00)}m_{013}^{(21)}\\
&+m_{110}^{(10)}m_{111}^{(00)}m_{004}^{(11)}-m_{110}^{(10)}m_{111}^{(11)}m_{202}^{(22)}+2m_{110}^{(10)}m_{111}^{(11)}m_{103}^{(20)}-m_{110}^{(10)}m_{111}^{(11)}m_{004}^{(00)}\\
&-2m_{110}^{(10)}m_{111}^{(20)}m_{121}^{(22)}+4m_{110}^{(10)}m_{111}^{(20)}m_{112}^{(21)}-2m_{110}^{(10)}m_{111}^{(20)}m_{103}^{(11)}+2m_{110}^{(10)}m_{111}^{(21)}m_{211}^{(22)}\\
&-4m_{110}^{(10)}m_{111}^{(21)}m_{112}^{(20)}+2m_{110}^{(10)}m_{111}^{(21)}m_{013}^{(00)}-2m_{110}^{(10)}m_{111}^{(22)}m_{211}^{(21)}+m_{110}^{(10)}m_{111}^{(22)}m_{202}^{(11)}\\
&+2m_{110}^{(10)}m_{111}^{(22)}m_{121}^{(20)}-m_{110}^{(10)}m_{111}^{(22)}m_{022}^{(00)}-m_{110}^{(10)}m_{102}^{(00)}m_{031}^{(22)}+2m_{110}^{(10)}m_{102}^{(00)}m_{022}^{(21)}\\
&-m_{110}^{(10)}m_{102}^{(00)}m_{013}^{(11)}+2m_{110}^{(10)}m_{102}^{(10)}m_{121}^{(22)}-4m_{110}^{(10)}m_{102}^{(10)}m_{112}^{(21)}+2m_{110}^{(10)}m_{102}^{(10)}m_{103}^{(11)}\\
&-m_{110}^{(10)}m_{102}^{(11)}m_{211}^{(22)}+2m_{110}^{(10)}m_{102}^{(11)}m_{202}^{(21)}-2m_{110}^{(10)}m_{102}^{(11)}m_{103}^{(10)}+m_{110}^{(10)}m_{102}^{(11)}m_{013}^{(00)}\\
&-2m_{110}^{(10)}m_{102}^{(21)}m_{202}^{(11)}+4m_{110}^{(10)}m_{102}^{(21)}m_{112}^{(10)}-2m_{110}^{(10)}m_{102}^{(21)}m_{022}^{(00)}+m_{110}^{(10)}m_{102}^{(22)}m_{211}^{(11)}\\
&-2m_{110}^{(10)}m_{102}^{(22)}m_{121}^{(10)}+m_{110}^{(10)}m_{102}^{(22)}m_{031}^{(00)}-m_{110}^{(10)}m_{021}^{(00)}m_{112}^{(22)}+m_{110}^{(10)}m_{021}^{(00)}m_{103}^{(21)}\\
&+m_{110}^{(10)}m_{021}^{(00)}m_{013}^{(20)}-m_{110}^{(10)}m_{021}^{(00)}m_{004}^{(10)}+m_{110}^{(10)}m_{021}^{(10)}m_{202}^{(22)}-2m_{110}^{(10)}m_{021}^{(10)}m_{103}^{(20)}
\end{aligned}
$$

$$+m_{110}^{(10)}m_{021}^{(10)}m_{004}^{(00)}+m_{110}^{(10)}m_{021}^{(20)}m_{211}^{(22)}-2m_{110}^{(10)}m_{021}^{(20)}m_{202}^{(21)}+2m_{110}^{(10)}m_{021}^{(20)}m_{103}^{(10)}$$
$$-m_{110}^{(10)}m_{021}^{(20)}m_{013}^{(00)}-m_{110}^{(10)}m_{021}^{(21)}m_{301}^{(22)}+2m_{110}^{(10)}m_{021}^{(21)}m_{202}^{(20)}-m_{110}^{(10)}m_{021}^{(21)}m_{103}^{(00)}$$
$$+m_{110}^{(10)}m_{021}^{(22)}m_{301}^{(21)}-m_{110}^{(10)}m_{021}^{(22)}m_{211}^{(20)}-m_{110}^{(10)}m_{021}^{(22)}m_{202}^{(10)}+m_{110}^{(10)}m_{021}^{(22)}m_{112}^{(00)}$$
$$+m_{110}^{(10)}m_{012}^{(00)}m_{121}^{(22)}-m_{110}^{(10)}m_{012}^{(00)}m_{103}^{(11)}-2m_{110}^{(10)}m_{012}^{(00)}m_{022}^{(20)}+2m_{110}^{(10)}m_{012}^{(00)}m_{013}^{(10)}$$
$$-2m_{110}^{(10)}m_{012}^{(10)}m_{211}^{(22)}+4m_{110}^{(10)}m_{012}^{(10)}m_{112}^{(20)}-2m_{110}^{(10)}m_{012}^{(10)}m_{013}^{(00)}+m_{110}^{(10)}m_{012}^{(11)}m_{301}^{(22)}$$
$$-2m_{110}^{(10)}m_{012}^{(11)}m_{202}^{(20)}+m_{110}^{(10)}m_{012}^{(11)}m_{103}^{(00)}+2m_{110}^{(10)}m_{012}^{(20)}m_{202}^{(11)}-4m_{110}^{(10)}m_{012}^{(20)}m_{112}^{(10)}$$
$$+2m_{110}^{(10)}m_{012}^{(20)}m_{022}^{(00)}-m_{110}^{(10)}m_{012}^{(22)}m_{301}^{(11)}+2m_{110}^{(10)}m_{012}^{(22)}m_{211}^{(10)}-m_{110}^{(10)}m_{012}^{(22)}m_{121}^{(00)}$$
$$-m_{110}^{(10)}m_{003}^{(00)}m_{121}^{(21)}+m_{110}^{(10)}m_{003}^{(00)}m_{112}^{(11)}+m_{110}^{(10)}m_{003}^{(00)}m_{031}^{(20)}-m_{110}^{(10)}m_{003}^{(00)}m_{022}^{(10)}$$
$$+2m_{110}^{(10)}m_{003}^{(10)}m_{211}^{(21)}-m_{110}^{(10)}m_{003}^{(10)}m_{202}^{(11)}-2m_{110}^{(10)}m_{003}^{(10)}m_{121}^{(20)}+m_{110}^{(10)}m_{003}^{(10)}m_{022}^{(00)}$$
$$-m_{110}^{(10)}m_{003}^{(11)}m_{301}^{(21)}+m_{110}^{(10)}m_{003}^{(11)}m_{211}^{(20)}+m_{110}^{(10)}m_{003}^{(11)}m_{202}^{(10)}-m_{110}^{(10)}m_{003}^{(11)}m_{112}^{(00)}$$
$$-m_{110}^{(10)}m_{003}^{(20)}m_{211}^{(11)}+2m_{110}^{(10)}m_{003}^{(20)}m_{121}^{(10)}-m_{110}^{(10)}m_{003}^{(20)}m_{031}^{(00)}+m_{110}^{(10)}m_{003}^{(21)}m_{301}^{(11)}$$
$$-2m_{110}^{(10)}m_{003}^{(21)}m_{211}^{(10)}+m_{110}^{(10)}m_{003}^{(21)}m_{121}^{(00)}-m_{110}^{(11)}m_{201}^{(00)}m_{022}^{(22)}+2m_{110}^{(11)}m_{201}^{(00)}m_{013}^{(21)}$$
$$-m_{110}^{(11)}m_{201}^{(00)}m_{004}^{(11)}+m_{110}^{(11)}m_{201}^{(10)}m_{112}^{(22)}-m_{110}^{(11)}m_{201}^{(10)}m_{103}^{(21)}-m_{110}^{(11)}m_{201}^{(10)}m_{013}^{(20)}$$
$$+m_{110}^{(11)}m_{201}^{(10)}m_{004}^{(10)}+m_{110}^{(11)}m_{201}^{(20)}m_{121}^{(22)}-3m_{110}^{(11)}m_{201}^{(20)}m_{112}^{(21)}+2m_{110}^{(11)}m_{201}^{(20)}m_{103}^{(11)}$$
$$+m_{110}^{(11)}m_{201}^{(20)}m_{022}^{(20)}-m_{110}^{(11)}m_{201}^{(20)}m_{013}^{(10)}-m_{110}^{(11)}m_{201}^{(21)}m_{211}^{(22)}+m_{110}^{(11)}m_{201}^{(21)}m_{202}^{(21)}$$
$$+m_{110}^{(11)}m_{201}^{(21)}m_{112}^{(20)}-m_{110}^{(11)}m_{201}^{(21)}m_{103}^{(10)}+m_{110}^{(11)}m_{201}^{(22)}m_{211}^{(21)}-m_{110}^{(11)}m_{201}^{(22)}m_{202}^{(11)}$$
$$-m_{110}^{(11)}m_{201}^{(22)}m_{121}^{(20)}+m_{110}^{(11)}m_{201}^{(22)}m_{112}^{(10)}+m_{110}^{(11)}m_{111}^{(00)}m_{112}^{(22)}-m_{110}^{(11)}m_{111}^{(00)}m_{103}^{(21)}$$
$$-m_{110}^{(11)}m_{111}^{(00)}m_{013}^{(20)}+m_{110}^{(11)}m_{111}^{(00)}m_{004}^{(10)}-m_{110}^{(11)}m_{111}^{(10)}m_{202}^{(22)}+2m_{110}^{(11)}m_{111}^{(10)}m_{103}^{(20)}$$
$$-m_{110}^{(11)}m_{111}^{(10)}m_{004}^{(00)}-m_{110}^{(11)}m_{111}^{(20)}m_{211}^{(22)}+2m_{110}^{(11)}m_{111}^{(20)}m_{202}^{(21)}-2m_{110}^{(11)}m_{111}^{(20)}m_{103}^{(10)}$$
$$+m_{110}^{(11)}m_{111}^{(20)}m_{013}^{(00)}+m_{110}^{(11)}m_{111}^{(21)}m_{301}^{(22)}-2m_{110}^{(11)}m_{111}^{(21)}m_{202}^{(20)}+m_{110}^{(11)}m_{111}^{(21)}m_{103}^{(00)}$$
$$-m_{110}^{(11)}m_{111}^{(22)}m_{301}^{(21)}+m_{110}^{(11)}m_{111}^{(22)}m_{211}^{(20)}+m_{110}^{(11)}m_{111}^{(22)}m_{202}^{(10)}-m_{110}^{(11)}m_{111}^{(22)}m_{112}^{(00)}$$
$$+m_{110}^{(11)}m_{102}^{(00)}m_{121}^{(22)}-3m_{110}^{(11)}m_{102}^{(00)}m_{112}^{(21)}+2m_{110}^{(11)}m_{102}^{(00)}m_{103}^{(11)}+m_{110}^{(11)}m_{102}^{(00)}m_{022}^{(20)}$$
$$-m_{110}^{(11)}m_{102}^{(00)}m_{013}^{(10)}-m_{110}^{(11)}m_{102}^{(10)}m_{211}^{(22)}+2m_{110}^{(11)}m_{102}^{(10)}m_{202}^{(21)}-2m_{110}^{(11)}m_{102}^{(10)}m_{103}^{(10)}$$
$$+m_{110}^{(11)}m_{102}^{(10)}m_{013}^{(00)}-m_{110}^{(11)}m_{102}^{(20)}m_{220}^{(22)}+4m_{110}^{(11)}m_{102}^{(20)}m_{211}^{(21)}-4m_{110}^{(11)}m_{102}^{(20)}m_{202}^{(11)}$$
$$-2m_{110}^{(11)}m_{102}^{(20)}m_{121}^{(20)}+4m_{110}^{(11)}m_{102}^{(20)}m_{112}^{(10)}-m_{110}^{(11)}m_{102}^{(20)}m_{022}^{(00)}+m_{110}^{(11)}m_{102}^{(21)}m_{310}^{(22)}$$
$$-2m_{110}^{(11)}m_{102}^{(21)}m_{301}^{(21)}+2m_{110}^{(11)}m_{102}^{(21)}m_{202}^{(10)}-m_{110}^{(11)}m_{102}^{(21)}m_{112}^{(00)}-m_{110}^{(11)}m_{102}^{(22)}m_{310}^{(21)}$$
$$+2m_{110}^{(11)}m_{102}^{(22)}m_{301}^{(11)}+m_{110}^{(11)}m_{102}^{(22)}m_{220}^{(20)}-3m_{110}^{(11)}m_{102}^{(22)}m_{211}^{(10)}+m_{110}^{(11)}m_{102}^{(22)}m_{121}^{(00)}$$
$$-m_{110}^{(11)}m_{012}^{(00)}m_{211}^{(22)}+m_{110}^{(11)}m_{012}^{(00)}m_{202}^{(21)}+m_{110}^{(11)}m_{012}^{(00)}m_{112}^{(20)}-m_{110}^{(11)}m_{012}^{(00)}m_{103}^{(10)}$$
$$+m_{110}^{(11)}m_{012}^{(10)}m_{301}^{(22)}-2m_{110}^{(11)}m_{012}^{(10)}m_{202}^{(20)}+m_{110}^{(11)}m_{012}^{(10)}m_{103}^{(00)}+m_{110}^{(11)}m_{012}^{(20)}m_{310}^{(22)}$$
$$-2m_{110}^{(11)}m_{012}^{(20)}m_{301}^{(21)}+2m_{110}^{(11)}m_{012}^{(20)}m_{202}^{(10)}-m_{110}^{(11)}m_{012}^{(20)}m_{112}^{(00)}-m_{110}^{(11)}m_{012}^{(21)}m_{400}^{(22)}$$
$$+2m_{110}^{(11)}m_{012}^{(21)}m_{301}^{(20)}-m_{110}^{(11)}m_{012}^{(21)}m_{202}^{(00)}+m_{110}^{(11)}m_{012}^{(22)}m_{400}^{(21)}-m_{110}^{(11)}m_{012}^{(22)}m_{310}^{(20)}$$
$$-m_{110}^{(11)}m_{012}^{(22)}m_{301}^{(10)}+m_{110}^{(11)}m_{012}^{(22)}m_{211}^{(00)}+m_{110}^{(11)}m_{003}^{(00)}m_{211}^{(21)}-m_{110}^{(11)}m_{003}^{(00)}m_{202}^{(11)}$$
$$-m_{110}^{(11)}m_{003}^{(00)}m_{121}^{(20)}+m_{110}^{(11)}m_{003}^{(00)}m_{112}^{(10)}-m_{110}^{(11)}m_{003}^{(10)}m_{301}^{(21)}+m_{110}^{(11)}m_{003}^{(10)}m_{211}^{(20)}$$
$$+m_{110}^{(11)}m_{003}^{(10)}m_{202}^{(10)}-m_{110}^{(11)}m_{003}^{(10)}m_{112}^{(00)}-m_{110}^{(11)}m_{003}^{(20)}m_{310}^{(21)}+2m_{110}^{(11)}m_{003}^{(20)}m_{301}^{(11)}$$
$$+m_{110}^{(11)}m_{003}^{(20)}m_{220}^{(20)}-3m_{110}^{(11)}m_{003}^{(20)}m_{211}^{(10)}+m_{110}^{(11)}m_{003}^{(20)}m_{121}^{(00)}+m_{110}^{(11)}m_{003}^{(21)}m_{400}^{(21)}$$
$$-m_{110}^{(11)}m_{003}^{(21)}m_{310}^{(20)}-m_{110}^{(11)}m_{003}^{(21)}m_{301}^{(10)}+m_{110}^{(11)}m_{003}^{(21)}m_{211}^{(00)}-m_{110}^{(11)}m_{003}^{(22)}m_{400}^{(11)}$$
$$+2m_{110}^{(11)}m_{003}^{(22)}m_{310}^{(10)}-m_{110}^{(11)}m_{003}^{(22)}m_{220}^{(00)}-m_{110}^{(20)}m_{210}^{(10)}m_{022}^{(22)}+2m_{110}^{(20)}m_{210}^{(10)}m_{013}^{(21)}$$
$$-m_{110}^{(20)}m_{210}^{(10)}m_{004}^{(11)}+m_{110}^{(20)}m_{210}^{(11)}m_{112}^{(22)}-m_{110}^{(20)}m_{210}^{(11)}m_{103}^{(21)}-m_{110}^{(20)}m_{210}^{(11)}m_{013}^{(20)}$$

$$
\begin{aligned}
&+m_{110}^{(20)}m_{210}^{(11)}m_{004}^{(10)}+m_{110}^{(20)}m_{210}^{(20)}m_{031}^{(22)}-2m_{110}^{(20)}m_{210}^{(20)}m_{022}^{(21)}+m_{110}^{(20)}m_{210}^{(20)}m_{013}^{(11)}\\
&-m_{110}^{(20)}m_{210}^{(21)}m_{121}^{(22)}+m_{110}^{(20)}m_{210}^{(21)}m_{103}^{(11)}+2m_{110}^{(20)}m_{210}^{(21)}m_{022}^{(20)}-2m_{110}^{(20)}m_{210}^{(21)}m_{013}^{(10)}\\
&+m_{110}^{(20)}m_{210}^{(22)}m_{121}^{(21)}-m_{110}^{(20)}m_{210}^{(22)}m_{112}^{(11)}-m_{110}^{(20)}m_{210}^{(22)}m_{031}^{(20)}+m_{110}^{(20)}m_{210}^{(22)}m_{022}^{(10)}\\
&+2m_{110}^{(20)}m_{201}^{(10)}m_{031}^{(22)}-4m_{110}^{(20)}m_{201}^{(10)}m_{022}^{(21)}+2m_{110}^{(20)}m_{201}^{(10)}m_{013}^{(11)}-2m_{110}^{(20)}m_{201}^{(11)}m_{121}^{(22)}\\
&+2m_{110}^{(20)}m_{201}^{(11)}m_{112}^{(21)}+2m_{110}^{(20)}m_{201}^{(11)}m_{022}^{(20)}-2m_{110}^{(20)}m_{201}^{(11)}m_{013}^{(10)}-2m_{110}^{(20)}m_{201}^{(20)}m_{040}^{(22)}\\
&+4m_{110}^{(20)}m_{201}^{(20)}m_{031}^{(21)}-2m_{110}^{(20)}m_{201}^{(20)}m_{022}^{(11)}+2m_{110}^{(20)}m_{201}^{(21)}m_{130}^{(22)}-2m_{110}^{(20)}m_{201}^{(21)}m_{112}^{(11)}\\
&-4m_{110}^{(20)}m_{201}^{(21)}m_{031}^{(20)}+4m_{110}^{(20)}m_{201}^{(21)}m_{022}^{(10)}-2m_{110}^{(20)}m_{201}^{(22)}m_{130}^{(21)}+2m_{110}^{(20)}m_{201}^{(22)}m_{121}^{(11)}\\
&+2m_{110}^{(20)}m_{201}^{(22)}m_{040}^{(20)}-2m_{110}^{(20)}m_{201}^{(22)}m_{031}^{(10)}-m_{110}^{(20)}m_{120}^{(00)}m_{022}^{(22)}+2m_{110}^{(20)}m_{120}^{(00)}m_{013}^{(21)}\\
&-m_{110}^{(20)}m_{120}^{(00)}m_{004}^{(11)}+2m_{110}^{(20)}m_{120}^{(10)}m_{112}^{(22)}-2m_{110}^{(20)}m_{120}^{(10)}m_{103}^{(21)}-2m_{110}^{(20)}m_{120}^{(10)}m_{013}^{(20)}\\
&+2m_{110}^{(20)}m_{120}^{(10)}m_{004}^{(10)}-m_{110}^{(20)}m_{120}^{(11)}m_{202}^{(22)}+2m_{110}^{(20)}m_{120}^{(11)}m_{103}^{(20)}-m_{110}^{(20)}m_{120}^{(11)}m_{004}^{(00)}\\
&-2m_{110}^{(20)}m_{120}^{(20)}m_{112}^{(21)}+2m_{110}^{(20)}m_{120}^{(20)}m_{103}^{(11)}+2m_{110}^{(20)}m_{120}^{(20)}m_{022}^{(20)}-2m_{110}^{(20)}m_{120}^{(20)}m_{013}^{(10)}\\
&+2m_{110}^{(20)}m_{120}^{(21)}m_{202}^{(21)}-2m_{110}^{(20)}m_{120}^{(21)}m_{112}^{(20)}-2m_{110}^{(20)}m_{120}^{(21)}m_{103}^{(10)}+2m_{110}^{(20)}m_{120}^{(21)}m_{013}^{(00)}\\
&-m_{110}^{(20)}m_{120}^{(22)}m_{202}^{(11)}+2m_{110}^{(20)}m_{120}^{(22)}m_{112}^{(10)}-m_{110}^{(20)}m_{120}^{(22)}m_{022}^{(00)}+m_{110}^{(20)}m_{111}^{(00)}m_{031}^{(22)}\\
&-2m_{110}^{(20)}m_{111}^{(00)}m_{022}^{(21)}+m_{110}^{(20)}m_{111}^{(00)}m_{013}^{(11)}-4m_{110}^{(20)}m_{111}^{(10)}m_{121}^{(22)}+4m_{110}^{(20)}m_{111}^{(10)}m_{112}^{(21)}\\
&+4m_{110}^{(20)}m_{111}^{(10)}m_{022}^{(20)}-4m_{110}^{(20)}m_{111}^{(10)}m_{013}^{(10)}+3m_{110}^{(20)}m_{111}^{(11)}m_{211}^{(22)}-6m_{110}^{(20)}m_{111}^{(11)}m_{112}^{(20)}\\
&+3m_{110}^{(20)}m_{111}^{(11)}m_{013}^{(00)}+2m_{110}^{(20)}m_{111}^{(20)}m_{130}^{(22)}-2m_{110}^{(20)}m_{111}^{(20)}m_{112}^{(11)}-4m_{110}^{(20)}m_{111}^{(20)}m_{031}^{(20)}\\
&+4m_{110}^{(20)}m_{111}^{(20)}m_{022}^{(10)}-2m_{110}^{(20)}m_{111}^{(21)}m_{220}^{(22)}-4m_{110}^{(20)}m_{111}^{(21)}m_{211}^{(21)}+8m_{110}^{(20)}m_{111}^{(21)}m_{121}^{(20)}\\
&+4m_{110}^{(20)}m_{111}^{(21)}m_{112}^{(10)}-6m_{110}^{(20)}m_{111}^{(21)}m_{022}^{(00)}+2m_{110}^{(20)}m_{111}^{(22)}m_{220}^{(21)}+m_{110}^{(20)}m_{111}^{(22)}m_{211}^{(11)}\\
&-2m_{110}^{(20)}m_{111}^{(22)}m_{130}^{(20)}-4m_{110}^{(20)}m_{111}^{(22)}m_{121}^{(10)}+3m_{110}^{(20)}m_{111}^{(22)}m_{031}^{(00)}+2m_{110}^{(20)}m_{102}^{(10)}m_{121}^{(21)}\\
&-2m_{110}^{(20)}m_{102}^{(10)}m_{112}^{(11)}-2m_{110}^{(20)}m_{102}^{(10)}m_{031}^{(20)}+2m_{110}^{(20)}m_{102}^{(10)}m_{022}^{(10)}-2m_{110}^{(20)}m_{102}^{(11)}m_{211}^{(21)}\\
&+2m_{110}^{(20)}m_{102}^{(11)}m_{121}^{(20)}+2m_{110}^{(20)}m_{102}^{(11)}m_{112}^{(10)}-2m_{110}^{(20)}m_{102}^{(11)}m_{022}^{(00)}-2m_{110}^{(20)}m_{102}^{(20)}m_{130}^{(21)}\\
&+2m_{110}^{(20)}m_{102}^{(20)}m_{121}^{(11)}+2m_{110}^{(20)}m_{102}^{(20)}m_{040}^{(20)}-2m_{110}^{(20)}m_{102}^{(20)}m_{031}^{(10)}+2m_{110}^{(20)}m_{102}^{(21)}m_{220}^{(21)}\\
&+2m_{110}^{(20)}m_{102}^{(21)}m_{211}^{(11)}-2m_{110}^{(20)}m_{102}^{(21)}m_{130}^{(20)}-6m_{110}^{(20)}m_{102}^{(21)}m_{121}^{(10)}+4m_{110}^{(20)}m_{102}^{(21)}m_{031}^{(00)}\\
&-2m_{110}^{(20)}m_{102}^{(22)}m_{220}^{(11)}+4m_{110}^{(20)}m_{102}^{(22)}m_{130}^{(10)}-2m_{110}^{(20)}m_{102}^{(22)}m_{040}^{(00)}+m_{110}^{(20)}m_{030}^{(00)}m_{112}^{(22)}\\
&-m_{110}^{(20)}m_{030}^{(00)}m_{103}^{(21)}-m_{110}^{(20)}m_{030}^{(00)}m_{013}^{(20)}+m_{110}^{(20)}m_{030}^{(00)}m_{004}^{(10)}-m_{110}^{(20)}m_{030}^{(10)}m_{202}^{(22)}\\
&+2m_{110}^{(20)}m_{030}^{(10)}m_{103}^{(20)}-m_{110}^{(20)}m_{030}^{(10)}m_{004}^{(00)}-m_{110}^{(20)}m_{030}^{(20)}m_{211}^{(22)}+2m_{110}^{(20)}m_{030}^{(20)}m_{202}^{(21)}\\
&-2m_{110}^{(20)}m_{030}^{(20)}m_{103}^{(10)}+m_{110}^{(20)}m_{030}^{(20)}m_{013}^{(00)}+m_{110}^{(20)}m_{030}^{(21)}m_{301}^{(22)}-2m_{110}^{(20)}m_{030}^{(21)}m_{202}^{(20)}\\
&+m_{110}^{(20)}m_{030}^{(21)}m_{103}^{(00)}-m_{110}^{(20)}m_{030}^{(22)}m_{301}^{(21)}+m_{110}^{(20)}m_{030}^{(22)}m_{211}^{(20)}+m_{110}^{(20)}m_{030}^{(22)}m_{202}^{(10)}\\
&-m_{110}^{(20)}m_{030}^{(22)}m_{112}^{(00)}-m_{110}^{(20)}m_{021}^{(00)}m_{121}^{(22)}+m_{110}^{(20)}m_{021}^{(00)}m_{103}^{(11)}+2m_{110}^{(20)}m_{021}^{(00)}m_{022}^{(20)}\\
&-2m_{110}^{(20)}m_{021}^{(00)}m_{013}^{(10)}+2m_{110}^{(20)}m_{021}^{(10)}m_{211}^{(22)}-4m_{110}^{(20)}m_{021}^{(10)}m_{112}^{(20)}+2m_{110}^{(20)}m_{021}^{(10)}m_{013}^{(00)}\\
&-m_{110}^{(20)}m_{021}^{(11)}m_{301}^{(22)}+2m_{110}^{(20)}m_{021}^{(11)}m_{202}^{(20)}-m_{110}^{(20)}m_{021}^{(11)}m_{103}^{(00)}-2m_{110}^{(20)}m_{021}^{(20)}m_{202}^{(11)}\\
&+4m_{110}^{(20)}m_{021}^{(20)}m_{112}^{(10)}-2m_{110}^{(20)}m_{021}^{(20)}m_{022}^{(00)}+m_{110}^{(20)}m_{021}^{(22)}m_{301}^{(11)}-2m_{110}^{(20)}m_{021}^{(22)}m_{211}^{(10)}\\
&+m_{110}^{(20)}m_{021}^{(22)}m_{121}^{(00)}+m_{110}^{(20)}m_{012}^{(00)}m_{121}^{(21)}-m_{110}^{(20)}m_{012}^{(00)}m_{112}^{(11)}-m_{110}^{(20)}m_{012}^{(00)}m_{031}^{(20)}\\
&+m_{110}^{(20)}m_{012}^{(00)}m_{022}^{(10)}-2m_{110}^{(20)}m_{012}^{(10)}m_{211}^{(21)}+m_{110}^{(20)}m_{012}^{(10)}m_{202}^{(11)}+2m_{110}^{(20)}m_{012}^{(10)}m_{121}^{(20)}\\
&-m_{110}^{(20)}m_{012}^{(10)}m_{022}^{(00)}+m_{110}^{(20)}m_{012}^{(11)}m_{301}^{(21)}-m_{110}^{(20)}m_{012}^{(11)}m_{211}^{(20)}-m_{110}^{(20)}m_{012}^{(11)}m_{202}^{(10)}\\
&+m_{110}^{(20)}m_{012}^{(11)}m_{112}^{(00)}+m_{110}^{(20)}m_{012}^{(20)}m_{211}^{(11)}-2m_{110}^{(20)}m_{012}^{(20)}m_{121}^{(10)}+m_{110}^{(20)}m_{012}^{(20)}m_{031}^{(00)}\\
&-m_{110}^{(20)}m_{012}^{(21)}m_{301}^{(11)}+2m_{110}^{(20)}m_{012}^{(21)}m_{211}^{(10)}-m_{110}^{(20)}m_{012}^{(21)}m_{121}^{(00)}+m_{110}^{(21)}m_{300}^{(10)}m_{022}^{(22)}\\
&-2m_{110}^{(21)}m_{300}^{(10)}m_{013}^{(21)}+m_{110}^{(21)}m_{300}^{(10)}m_{004}^{(11)}-m_{110}^{(21)}m_{300}^{(11)}m_{112}^{(22)}+m_{110}^{(21)}m_{300}^{(11)}m_{103}^{(21)}
\end{aligned}
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\begin{aligned}
&+m_{110}^{(21)}m_{300}^{(11)}m_{013}^{(20)} - m_{110}^{(21)}m_{300}^{(11)}m_{004}^{(10)} - m_{110}^{(21)}m_{300}^{(20)}m_{031}^{(22)} + 2m_{110}^{(21)}m_{300}^{(20)}m_{022}^{(21)}\\
&-m_{110}^{(21)}m_{300}^{(20)}m_{013}^{(11)} + m_{110}^{(21)}m_{300}^{(21)}m_{121}^{(22)} - m_{110}^{(21)}m_{300}^{(21)}m_{103}^{(11)} - 2m_{110}^{(21)}m_{300}^{(21)}m_{022}^{(20)}\\
&+2m_{110}^{(21)}m_{300}^{(21)}m_{013}^{(10)} - m_{110}^{(21)}m_{300}^{(22)}m_{121}^{(21)} + m_{110}^{(21)}m_{300}^{(22)}m_{112}^{(11)} + m_{110}^{(21)}m_{300}^{(22)}m_{031}^{(20)}\\
&-m_{110}^{(21)}m_{300}^{(22)}m_{022}^{(10)} + m_{110}^{(21)}m_{210}^{(00)}m_{022}^{(22)} - 2m_{110}^{(21)}m_{210}^{(00)}m_{013}^{(21)} + m_{110}^{(21)}m_{210}^{(00)}m_{004}^{(11)}\\
&-2m_{110}^{(21)}m_{210}^{(10)}m_{112}^{(22)} + 2m_{110}^{(21)}m_{210}^{(10)}m_{103}^{(21)} + 2m_{110}^{(21)}m_{210}^{(10)}m_{013}^{(20)} - 2m_{110}^{(21)}m_{210}^{(10)}m_{004}^{(10)}\\
&+m_{110}^{(21)}m_{210}^{(11)}m_{202}^{(22)} - 2m_{110}^{(21)}m_{210}^{(11)}m_{103}^{(20)} + m_{110}^{(21)}m_{210}^{(11)}m_{004}^{(00)} + 2m_{110}^{(21)}m_{210}^{(20)}m_{112}^{(21)}\\
&-2m_{110}^{(21)}m_{210}^{(20)}m_{103}^{(11)} - 2m_{110}^{(21)}m_{210}^{(20)}m_{022}^{(20)} + 2m_{110}^{(21)}m_{210}^{(20)}m_{013}^{(10)} - 2m_{110}^{(21)}m_{210}^{(21)}m_{202}^{(21)}\\
&+2m_{110}^{(21)}m_{210}^{(21)}m_{112}^{(20)} + 2m_{110}^{(21)}m_{210}^{(21)}m_{103}^{(10)} - 2m_{110}^{(21)}m_{210}^{(21)}m_{013}^{(00)} + m_{110}^{(21)}m_{210}^{(22)}m_{202}^{(11)}\\
&-2m_{110}^{(21)}m_{210}^{(22)}m_{112}^{(10)} + m_{110}^{(21)}m_{210}^{(22)}m_{022}^{(00)} + m_{110}^{(21)}m_{201}^{(00)}m_{031}^{(22)} - 2m_{110}^{(21)}m_{201}^{(00)}m_{022}^{(21)}\\
&+m_{110}^{(21)}m_{201}^{(00)}m_{013}^{(11)} - 2m_{110}^{(21)}m_{201}^{(10)}m_{121}^{(22)} + 4m_{110}^{(21)}m_{201}^{(10)}m_{112}^{(21)} - 2m_{110}^{(21)}m_{201}^{(10)}m_{103}^{(11)}\\
&+m_{110}^{(21)}m_{201}^{(11)}m_{211}^{(22)} - 2m_{110}^{(21)}m_{201}^{(11)}m_{202}^{(21)} + 2m_{110}^{(21)}m_{201}^{(11)}m_{103}^{(10)} - m_{110}^{(21)}m_{201}^{(11)}m_{013}^{(00)}\\
&+2m_{110}^{(21)}m_{201}^{(21)}m_{202}^{(11)} - 4m_{110}^{(21)}m_{201}^{(21)}m_{112}^{(10)} + 2m_{110}^{(21)}m_{201}^{(21)}m_{022}^{(00)} - m_{110}^{(21)}m_{201}^{(22)}m_{211}^{(11)}\\
&+2m_{110}^{(21)}m_{201}^{(22)}m_{121}^{(10)} - m_{110}^{(21)}m_{201}^{(22)}m_{031}^{(00)} - m_{110}^{(21)}m_{120}^{(00)}m_{112}^{(22)} + m_{110}^{(21)}m_{120}^{(00)}m_{103}^{(21)}\\
&+m_{110}^{(21)}m_{120}^{(00)}m_{013}^{(20)} - m_{110}^{(21)}m_{120}^{(00)}m_{004}^{(10)} + m_{110}^{(21)}m_{120}^{(10)}m_{202}^{(22)} - 2m_{110}^{(21)}m_{120}^{(10)}m_{103}^{(20)}\\
&+m_{110}^{(21)}m_{120}^{(10)}m_{004}^{(00)} + m_{110}^{(21)}m_{120}^{(20)}m_{211}^{(22)} - 2m_{110}^{(21)}m_{120}^{(20)}m_{202}^{(21)} + 2m_{110}^{(21)}m_{120}^{(20)}m_{103}^{(10)}\\
&-m_{110}^{(21)}m_{120}^{(20)}m_{013}^{(00)} - m_{110}^{(21)}m_{120}^{(21)}m_{301}^{(22)} + 2m_{110}^{(21)}m_{120}^{(21)}m_{202}^{(20)} - m_{110}^{(21)}m_{120}^{(21)}m_{103}^{(00)}\\
&+m_{110}^{(21)}m_{120}^{(22)}m_{301}^{(21)} - m_{110}^{(21)}m_{120}^{(22)}m_{211}^{(20)} - m_{110}^{(21)}m_{120}^{(22)}m_{202}^{(10)} + m_{110}^{(21)}m_{120}^{(22)}m_{112}^{(00)}\\
&-3m_{110}^{(21)}m_{111}^{(00)}m_{121}^{(22)} + 6m_{110}^{(21)}m_{111}^{(00)}m_{112}^{(21)} - 3m_{110}^{(21)}m_{111}^{(00)}m_{103}^{(11)} + 4m_{110}^{(21)}m_{111}^{(10)}m_{211}^{(22)}\\
&-4m_{110}^{(21)}m_{111}^{(10)}m_{202}^{(21)} - 4m_{110}^{(21)}m_{111}^{(10)}m_{112}^{(20)} + 4m_{110}^{(21)}m_{111}^{(10)}m_{103}^{(10)} - m_{110}^{(21)}m_{111}^{(11)}m_{301}^{(22)}\\
&+2m_{110}^{(21)}m_{111}^{(11)}m_{202}^{(20)} - m_{110}^{(21)}m_{111}^{(11)}m_{103}^{(00)} + 2m_{110}^{(21)}m_{111}^{(20)}m_{220}^{(22)} - 8m_{110}^{(21)}m_{111}^{(20)}m_{211}^{(21)}\\
&+6m_{110}^{(21)}m_{111}^{(20)}m_{202}^{(11)} + 4m_{110}^{(21)}m_{111}^{(20)}m_{121}^{(20)} - 4m_{110}^{(21)}m_{111}^{(20)}m_{112}^{(10)} - 2m_{110}^{(21)}m_{111}^{(21)}m_{310}^{(22)}\\
&+4m_{110}^{(21)}m_{111}^{(21)}m_{301}^{(21)} - 4m_{110}^{(21)}m_{111}^{(21)}m_{202}^{(10)} + 2m_{110}^{(21)}m_{111}^{(21)}m_{112}^{(00)} + 2m_{110}^{(21)}m_{111}^{(22)}m_{310}^{(21)}\\
&-3m_{110}^{(21)}m_{111}^{(22)}m_{301}^{(11)} - 2m_{110}^{(21)}m_{111}^{(22)}m_{220}^{(20)} + 4m_{110}^{(21)}m_{111}^{(22)}m_{211}^{(10)} - m_{110}^{(21)}m_{111}^{(22)}m_{121}^{(00)}\\
&+m_{110}^{(21)}m_{102}^{(00)}m_{121}^{(21)} - m_{110}^{(21)}m_{102}^{(00)}m_{112}^{(11)} - m_{110}^{(21)}m_{102}^{(00)}m_{031}^{(20)} + m_{110}^{(21)}m_{102}^{(00)}m_{022}^{(10)}\\
&-2m_{110}^{(21)}m_{102}^{(10)}m_{211}^{(21)} + m_{110}^{(21)}m_{102}^{(10)}m_{202}^{(11)} + 2m_{110}^{(21)}m_{102}^{(10)}m_{121}^{(20)} - m_{110}^{(21)}m_{102}^{(10)}m_{022}^{(00)}\\
&+m_{110}^{(21)}m_{102}^{(11)}m_{301}^{(21)} - m_{110}^{(21)}m_{102}^{(11)}m_{211}^{(20)} - m_{110}^{(21)}m_{102}^{(11)}m_{202}^{(10)} + m_{110}^{(21)}m_{102}^{(11)}m_{112}^{(00)}\\
&+m_{110}^{(21)}m_{102}^{(20)}m_{211}^{(11)} - 2m_{110}^{(21)}m_{102}^{(20)}m_{121}^{(10)} + m_{110}^{(21)}m_{102}^{(20)}m_{031}^{(00)} - m_{110}^{(21)}m_{102}^{(21)}m_{301}^{(11)}\\
&+2m_{110}^{(21)}m_{102}^{(21)}m_{211}^{(10)} - m_{110}^{(21)}m_{102}^{(21)}m_{121}^{(00)} + 2m_{110}^{(21)}m_{021}^{(00)}m_{211}^{(22)} - 2m_{110}^{(21)}m_{021}^{(00)}m_{202}^{(21)}\\
&-2m_{110}^{(21)}m_{021}^{(00)}m_{112}^{(20)} + 2m_{110}^{(21)}m_{021}^{(00)}m_{103}^{(10)} - 2m_{110}^{(21)}m_{021}^{(10)}m_{301}^{(22)} + 4m_{110}^{(21)}m_{021}^{(10)}m_{202}^{(20)}\\
&-2m_{110}^{(21)}m_{021}^{(10)}m_{103}^{(00)} - 2m_{110}^{(21)}m_{021}^{(20)}m_{310}^{(22)} + 4m_{110}^{(21)}m_{021}^{(20)}m_{301}^{(21)} - 4m_{110}^{(21)}m_{021}^{(20)}m_{202}^{(10)}\\
&+2m_{110}^{(21)}m_{021}^{(20)}m_{112}^{(00)} + 2m_{110}^{(21)}m_{021}^{(21)}m_{400}^{(22)} - 4m_{110}^{(21)}m_{021}^{(21)}m_{301}^{(20)} + 2m_{110}^{(21)}m_{021}^{(21)}m_{202}^{(00)}\\
&-2m_{110}^{(21)}m_{021}^{(22)}m_{400}^{(21)} + 2m_{110}^{(21)}m_{021}^{(22)}m_{310}^{(20)} + 2m_{110}^{(21)}m_{021}^{(22)}m_{301}^{(10)} - 2m_{110}^{(21)}m_{021}^{(22)}m_{211}^{(00)}\\
&-2m_{110}^{(21)}m_{012}^{(00)}m_{211}^{(21)} + 2m_{110}^{(21)}m_{012}^{(00)}m_{202}^{(11)} + 2m_{110}^{(21)}m_{012}^{(00)}m_{121}^{(20)} - 2m_{110}^{(21)}m_{012}^{(00)}m_{112}^{(10)}\\
&+2m_{110}^{(21)}m_{012}^{(10)}m_{301}^{(21)} - 2m_{110}^{(21)}m_{012}^{(10)}m_{211}^{(20)} - 2m_{110}^{(21)}m_{012}^{(10)}m_{202}^{(10)} + 2m_{110}^{(21)}m_{012}^{(10)}m_{112}^{(00)}\\
&+2m_{110}^{(21)}m_{012}^{(20)}m_{310}^{(21)} - 4m_{110}^{(21)}m_{012}^{(20)}m_{301}^{(11)} - 2m_{110}^{(21)}m_{012}^{(20)}m_{220}^{(20)} + 6m_{110}^{(21)}m_{012}^{(20)}m_{211}^{(10)}\\
&-2m_{110}^{(21)}m_{012}^{(20)}m_{121}^{(00)} - 2m_{110}^{(21)}m_{012}^{(21)}m_{400}^{(21)} + 2m_{110}^{(21)}m_{012}^{(21)}m_{310}^{(20)} + 2m_{110}^{(21)}m_{012}^{(21)}m_{301}^{(10)}\\
&-2m_{110}^{(21)}m_{012}^{(21)}m_{211}^{(00)} + 2m_{110}^{(21)}m_{012}^{(22)}m_{400}^{(11)} - 4m_{110}^{(21)}m_{012}^{(22)}m_{310}^{(10)} + 2m_{110}^{(21)}m_{012}^{(22)}m_{220}^{(00)}\\
&-m_{110}^{(22)}m_{300}^{(10)}m_{031}^{(22)} + 2m_{110}^{(22)}m_{300}^{(10)}m_{022}^{(21)} - m_{110}^{(22)}m_{300}^{(10)}m_{013}^{(11)} + m_{110}^{(22)}m_{300}^{(11)}m_{121}^{(22)}
\end{aligned}
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\begin{aligned}
&-m_{110}^{(22)}m_{300}^{(11)}m_{112}^{(21)} - m_{110}^{(22)}m_{300}^{(11)}m_{022}^{(20)} + m_{110}^{(22)}m_{300}^{(11)}m_{013}^{(10)} + m_{110}^{(22)}m_{300}^{(20)}m_{040}^{(22)}\\
&-2m_{110}^{(22)}m_{300}^{(20)}m_{031}^{(21)} + m_{110}^{(22)}m_{300}^{(20)}m_{022}^{(11)} - m_{110}^{(22)}m_{300}^{(21)}m_{130}^{(22)} + m_{110}^{(22)}m_{300}^{(21)}m_{112}^{(11)}\\
&+2m_{110}^{(22)}m_{300}^{(21)}m_{031}^{(20)} - 2m_{110}^{(22)}m_{300}^{(21)}m_{022}^{(10)} + m_{110}^{(22)}m_{300}^{(22)}m_{130}^{(21)} - m_{110}^{(22)}m_{300}^{(22)}m_{121}^{(11)}\\
&-m_{110}^{(22)}m_{300}^{(22)}m_{040}^{(20)} + m_{110}^{(22)}m_{300}^{(22)}m_{031}^{(10)} - m_{110}^{(22)}m_{210}^{(00)}m_{031}^{(22)} + 2m_{110}^{(22)}m_{210}^{(21)}m_{022}^{(21)}\\
&-m_{110}^{(22)}m_{210}^{(00)}m_{013}^{(11)} + 3m_{110}^{(22)}m_{210}^{(10)}m_{121}^{(22)} - 4m_{110}^{(22)}m_{210}^{(10)}m_{112}^{(21)} + m_{110}^{(22)}m_{210}^{(10)}m_{103}^{(11)}\\
&-2m_{110}^{(22)}m_{210}^{(10)}m_{022}^{(20)} + 2m_{110}^{(22)}m_{210}^{(10)}m_{013}^{(10)} - 2m_{110}^{(22)}m_{210}^{(11)}m_{211}^{(22)} + m_{110}^{(22)}m_{210}^{(11)}m_{202}^{(21)}\\
&+3m_{110}^{(22)}m_{210}^{(11)}m_{112}^{(20)} - m_{110}^{(22)}m_{210}^{(11)}m_{103}^{(10)} - m_{110}^{(22)}m_{210}^{(11)}m_{013}^{(00)} - m_{110}^{(22)}m_{210}^{(20)}m_{130}^{(22)}\\
&+m_{110}^{(22)}m_{210}^{(20)}m_{112}^{(11)} + 2m_{110}^{(22)}m_{210}^{(20)}m_{031}^{(20)} - 2m_{110}^{(22)}m_{210}^{(20)}m_{022}^{(10)} + m_{110}^{(22)}m_{210}^{(21)}m_{220}^{(22)}\\
&+2m_{110}^{(22)}m_{210}^{(21)}m_{211}^{(21)} - m_{110}^{(22)}m_{210}^{(21)}m_{202}^{(11)} - 4m_{110}^{(22)}m_{210}^{(21)}m_{121}^{(20)} + 2m_{110}^{(22)}m_{210}^{(21)}m_{022}^{(00)}\\
&-m_{110}^{(22)}m_{210}^{(22)}m_{220}^{(21)} + m_{110}^{(22)}m_{210}^{(22)}m_{130}^{(20)} + m_{110}^{(22)}m_{210}^{(22)}m_{121}^{(10)} - m_{110}^{(22)}m_{210}^{(22)}m_{031}^{(00)}\\
&-m_{110}^{(22)}m_{201}^{(10)}m_{121}^{(21)} + m_{110}^{(22)}m_{201}^{(10)}m_{112}^{(11)} + m_{110}^{(22)}m_{201}^{(10)}m_{031}^{(20)} - m_{110}^{(22)}m_{201}^{(10)}m_{022}^{(10)}\\
&+m_{110}^{(22)}m_{201}^{(11)}m_{211}^{(21)} - m_{110}^{(22)}m_{201}^{(11)}m_{121}^{(20)} - m_{110}^{(22)}m_{201}^{(11)}m_{112}^{(10)} + m_{110}^{(22)}m_{201}^{(11)}m_{022}^{(00)}\\
&+m_{110}^{(22)}m_{201}^{(20)}m_{130}^{(21)} - m_{110}^{(22)}m_{201}^{(20)}m_{121}^{(11)} - m_{110}^{(22)}m_{201}^{(20)}m_{040}^{(20)} + m_{110}^{(22)}m_{201}^{(20)}m_{031}^{(10)}\\
&-m_{110}^{(22)}m_{201}^{(21)}m_{220}^{(21)} - m_{110}^{(22)}m_{201}^{(21)}m_{211}^{(11)} + m_{110}^{(22)}m_{201}^{(21)}m_{130}^{(20)} + 3m_{110}^{(22)}m_{201}^{(21)}m_{121}^{(10)}\\
&-2m_{110}^{(22)}m_{201}^{(21)}m_{031}^{(00)} + m_{110}^{(22)}m_{201}^{(22)}m_{220}^{(11)} - 2m_{110}^{(22)}m_{201}^{(22)}m_{130}^{(10)} + m_{110}^{(22)}m_{201}^{(22)}m_{040}^{(00)}\\
&+2m_{110}^{(22)}m_{120}^{(00)}m_{121}^{(22)} - 3m_{110}^{(22)}m_{120}^{(00)}m_{112}^{(21)} + m_{110}^{(22)}m_{120}^{(00)}m_{103}^{(11)} - m_{110}^{(22)}m_{120}^{(00)}m_{022}^{(20)}\\
&+m_{110}^{(22)}m_{120}^{(00)}m_{013}^{(10)} - 3m_{110}^{(22)}m_{120}^{(10)}m_{211}^{(22)} + 2m_{110}^{(22)}m_{120}^{(10)}m_{202}^{(21)} + 4m_{110}^{(22)}m_{120}^{(10)}m_{112}^{(20)}\\
&-2m_{110}^{(22)}m_{120}^{(10)}m_{103}^{(10)} - m_{110}^{(22)}m_{120}^{(10)}m_{013}^{(00)} + m_{110}^{(22)}m_{120}^{(11)}m_{301}^{(22)} - 2m_{110}^{(22)}m_{120}^{(11)}m_{202}^{(20)}\\
&+m_{110}^{(22)}m_{120}^{(11)}m_{103}^{(00)} - m_{110}^{(22)}m_{120}^{(20)}m_{220}^{(22)} + 4m_{110}^{(22)}m_{120}^{(20)}m_{211}^{(21)} - 2m_{110}^{(22)}m_{120}^{(20)}m_{202}^{(11)}\\
&-2m_{110}^{(22)}m_{120}^{(20)}m_{121}^{(21)} + m_{110}^{(22)}m_{120}^{(20)}m_{022}^{(00)} + m_{110}^{(22)}m_{120}^{(21)}m_{310}^{(22)} - 2m_{110}^{(22)}m_{120}^{(21)}m_{301}^{(21)}\\
&+2m_{110}^{(22)}m_{120}^{(21)}m_{202}^{(10)} - m_{110}^{(22)}m_{120}^{(21)}m_{112}^{(00)} - m_{110}^{(22)}m_{120}^{(22)}m_{310}^{(21)} + m_{110}^{(22)}m_{120}^{(22)}m_{301}^{(11)}\\
&+m_{110}^{(22)}m_{120}^{(22)}m_{220}^{(20)} - m_{110}^{(22)}m_{120}^{(22)}m_{211}^{(10)} - m_{110}^{(22)}m_{111}^{(00)}m_{121}^{(21)} + m_{110}^{(22)}m_{111}^{(00)}m_{112}^{(11)}\\
&+m_{110}^{(22)}m_{111}^{(00)}m_{031}^{(20)} - m_{110}^{(22)}m_{111}^{(00)}m_{022}^{(10)} + 2m_{110}^{(22)}m_{111}^{(10)}m_{211}^{(21)} - m_{110}^{(22)}m_{111}^{(10)}m_{202}^{(11)}\\
&-2m_{110}^{(22)}m_{111}^{(10)}m_{121}^{(20)} + m_{110}^{(22)}m_{111}^{(10)}m_{022}^{(00)} - m_{110}^{(22)}m_{111}^{(11)}m_{301}^{(21)} + m_{110}^{(22)}m_{111}^{(11)}m_{211}^{(20)}\\
&+m_{110}^{(22)}m_{111}^{(11)}m_{202}^{(10)} - m_{110}^{(22)}m_{111}^{(11)}m_{112}^{(00)} - m_{110}^{(22)}m_{111}^{(20)}m_{211}^{(11)} + 2m_{110}^{(22)}m_{111}^{(20)}m_{121}^{(10)}\\
&-m_{110}^{(22)}m_{111}^{(20)}m_{031}^{(00)} + m_{110}^{(22)}m_{111}^{(21)}m_{301}^{(11)} - 2m_{110}^{(22)}m_{111}^{(21)}m_{211}^{(10)} + m_{110}^{(22)}m_{111}^{(21)}m_{121}^{(00)}\\
&-m_{110}^{(22)}m_{030}^{(00)}m_{211}^{(22)} + m_{110}^{(22)}m_{030}^{(00)}m_{202}^{(21)} + m_{110}^{(22)}m_{030}^{(00)}m_{112}^{(20)} - m_{110}^{(22)}m_{030}^{(00)}m_{103}^{(10)}\\
&+m_{110}^{(22)}m_{030}^{(10)}m_{301}^{(22)} - 2m_{110}^{(22)}m_{030}^{(10)}m_{202}^{(20)} + m_{110}^{(22)}m_{030}^{(10)}m_{103}^{(00)} + m_{110}^{(22)}m_{030}^{(20)}m_{310}^{(22)}\\
&-2m_{110}^{(22)}m_{030}^{(20)}m_{301}^{(21)} + 2m_{110}^{(22)}m_{030}^{(20)}m_{202}^{(10)} - m_{110}^{(22)}m_{030}^{(20)}m_{112}^{(00)} - m_{110}^{(22)}m_{030}^{(21)}m_{400}^{(22)}\\
&+2m_{110}^{(22)}m_{030}^{(21)}m_{301}^{(20)} - m_{110}^{(22)}m_{030}^{(21)}m_{202}^{(00)} + m_{110}^{(22)}m_{030}^{(22)}m_{400}^{(21)} - m_{110}^{(22)}m_{030}^{(22)}m_{310}^{(20)}\\
&-m_{110}^{(22)}m_{030}^{(22)}m_{301}^{(10)} + m_{110}^{(22)}m_{030}^{(22)}m_{211}^{(00)} + m_{110}^{(22)}m_{021}^{(00)}m_{211}^{(21)} - m_{110}^{(22)}m_{021}^{(00)}m_{202}^{(11)}\\
&-m_{110}^{(22)}m_{021}^{(00)}m_{121}^{(20)} + m_{110}^{(22)}m_{021}^{(00)}m_{112}^{(10)} - m_{110}^{(22)}m_{021}^{(10)}m_{301}^{(21)} + m_{110}^{(22)}m_{021}^{(10)}m_{211}^{(20)}\\
&+m_{110}^{(22)}m_{021}^{(10)}m_{202}^{(10)} - m_{110}^{(22)}m_{021}^{(10)}m_{112}^{(00)} - m_{110}^{(22)}m_{021}^{(20)}m_{310}^{(21)} + 2m_{110}^{(22)}m_{021}^{(20)}m_{301}^{(11)}\\
&+m_{110}^{(22)}m_{021}^{(20)}m_{220}^{(20)} - 3m_{110}^{(22)}m_{021}^{(20)}m_{211}^{(10)} + m_{110}^{(22)}m_{021}^{(20)}m_{121}^{(00)} + m_{110}^{(22)}m_{021}^{(21)}m_{400}^{(21)}\\
&-m_{110}^{(22)}m_{021}^{(21)}m_{310}^{(20)} - m_{110}^{(22)}m_{021}^{(21)}m_{301}^{(10)} + m_{110}^{(22)}m_{021}^{(21)}m_{211}^{(00)} - m_{110}^{(22)}m_{021}^{(22)}m_{400}^{(11)}\\
&+2m_{110}^{(22)}m_{021}^{(22)}m_{310}^{(10)} - m_{110}^{(22)}m_{021}^{(22)}m_{220}^{(00)} - m_{101}^{(00)}m_{120}^{(10)}m_{022}^{(22)} + 2m_{101}^{(00)}m_{120}^{(10)}m_{013}^{(21)}\\
&-m_{101}^{(00)}m_{120}^{(10)}m_{004}^{(11)} + m_{101}^{(00)}m_{120}^{(11)}m_{112}^{(22)} - m_{101}^{(00)}m_{120}^{(11)}m_{103}^{(21)} - m_{101}^{(00)}m_{120}^{(11)}m_{013}^{(20)}\\
&+m_{101}^{(00)}m_{120}^{(11)}m_{004}^{(10)} + m_{101}^{(00)}m_{120}^{(20)}m_{031}^{(22)} - 2m_{101}^{(00)}m_{120}^{(20)}m_{022}^{(21)} + m_{101}^{(00)}m_{120}^{(20)}m_{013}^{(11)}
\end{aligned}
$$

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\begin{aligned}
&-m_{101}^{(00)}m_{120}^{(21)}m_{121}^{(22)}+m_{101}^{(00)}m_{120}^{(21)}m_{103}^{(11)}+2m_{101}^{(00)}m_{120}^{(21)}m_{022}^{(20)}-2m_{101}^{(00)}m_{120}^{(21)}m_{013}^{(10)}\\
&+m_{101}^{(00)}m_{120}^{(22)}m_{121}^{(21)}-m_{101}^{(00)}m_{120}^{(22)}m_{112}^{(11)}-m_{101}^{(00)}m_{120}^{(22)}m_{031}^{(20)}+m_{101}^{(00)}m_{120}^{(22)}m_{022}^{(10)}\\
&+m_{101}^{(00)}m_{111}^{(10)}m_{031}^{(22)}-2m_{101}^{(00)}m_{111}^{(10)}m_{022}^{(21)}+m_{101}^{(00)}m_{111}^{(10)}m_{013}^{(11)}-m_{101}^{(00)}m_{111}^{(11)}m_{121}^{(22)}\\
&+m_{101}^{(00)}m_{111}^{(11)}m_{112}^{(21)}+m_{101}^{(00)}m_{111}^{(11)}m_{022}^{(20)}-m_{101}^{(00)}m_{111}^{(11)}m_{013}^{(10)}-m_{101}^{(00)}m_{111}^{(20)}m_{040}^{(22)}\\
&+2m_{101}^{(00)}m_{111}^{(20)}m_{031}^{(21)}-m_{101}^{(00)}m_{111}^{(20)}m_{022}^{(11)}+m_{101}^{(00)}m_{111}^{(21)}m_{130}^{(22)}-m_{101}^{(00)}m_{111}^{(21)}m_{112}^{(11)}\\
&-2m_{101}^{(00)}m_{111}^{(21)}m_{031}^{(20)}+2m_{101}^{(00)}m_{111}^{(21)}m_{022}^{(10)}-m_{101}^{(00)}m_{111}^{(22)}m_{130}^{(21)}+m_{101}^{(00)}m_{111}^{(22)}m_{121}^{(11)}\\
&+m_{101}^{(00)}m_{111}^{(22)}m_{040}^{(20)}-m_{101}^{(00)}m_{111}^{(22)}m_{031}^{(10)}+m_{101}^{(00)}m_{030}^{(10)}m_{112}^{(22)}-m_{101}^{(00)}m_{030}^{(10)}m_{103}^{(21)}\\
&-m_{101}^{(00)}m_{030}^{(10)}m_{013}^{(20)}+m_{101}^{(00)}m_{030}^{(10)}m_{004}^{(10)}-m_{101}^{(00)}m_{030}^{(11)}m_{202}^{(22)}+2m_{101}^{(00)}m_{030}^{(11)}m_{103}^{(20)}\\
&-m_{101}^{(00)}m_{030}^{(11)}m_{004}^{(00)}-m_{101}^{(00)}m_{030}^{(20)}m_{121}^{(22)}+m_{101}^{(00)}m_{030}^{(20)}m_{112}^{(21)}+m_{101}^{(00)}m_{030}^{(20)}m_{022}^{(20)}\\
&-m_{101}^{(00)}m_{030}^{(20)}m_{013}^{(10)}+m_{101}^{(00)}m_{030}^{(21)}m_{211}^{(22)}+m_{101}^{(00)}m_{030}^{(21)}m_{202}^{(21)}-3m_{101}^{(00)}m_{030}^{(21)}m_{112}^{(20)}\\
&-m_{101}^{(00)}m_{030}^{(21)}m_{103}^{(10)}+2m_{101}^{(00)}m_{030}^{(21)}m_{013}^{(00)}-m_{101}^{(00)}m_{030}^{(22)}m_{211}^{(21)}+m_{101}^{(00)}m_{030}^{(22)}m_{121}^{(20)}\\
&+m_{101}^{(00)}m_{030}^{(22)}m_{112}^{(10)}-m_{101}^{(00)}m_{030}^{(22)}m_{022}^{(00)}-m_{101}^{(00)}m_{021}^{(10)}m_{121}^{(22)}+m_{101}^{(00)}m_{021}^{(10)}m_{103}^{(11)}\\
&+2m_{101}^{(00)}m_{021}^{(10)}m_{022}^{(20)}-2m_{101}^{(00)}m_{021}^{(10)}m_{013}^{(10)}+m_{101}^{(00)}m_{021}^{(11)}m_{211}^{(22)}+m_{101}^{(00)}m_{021}^{(11)}m_{202}^{(21)}\\
&-3m_{101}^{(00)}m_{021}^{(11)}m_{112}^{(20)}-m_{101}^{(00)}m_{021}^{(11)}m_{103}^{(10)}+2m_{101}^{(00)}m_{021}^{(11)}m_{013}^{(00)}+m_{101}^{(00)}m_{021}^{(20)}m_{130}^{(22)}\\
&-m_{101}^{(00)}m_{021}^{(20)}m_{112}^{(11)}-2m_{101}^{(00)}m_{021}^{(20)}m_{031}^{(20)}+2m_{101}^{(00)}m_{021}^{(20)}m_{022}^{(10)}-m_{101}^{(00)}m_{021}^{(21)}m_{220}^{(22)}\\
&-2m_{101}^{(00)}m_{021}^{(21)}m_{211}^{(21)}-m_{101}^{(00)}m_{021}^{(21)}m_{202}^{(11)}+4m_{101}^{(00)}m_{021}^{(21)}m_{121}^{(20)}+4m_{101}^{(00)}m_{021}^{(21)}m_{112}^{(10)}\\
&-4m_{101}^{(00)}m_{021}^{(21)}m_{022}^{(00)}+m_{101}^{(00)}m_{021}^{(22)}m_{220}^{(21)}+m_{101}^{(00)}m_{021}^{(22)}m_{211}^{(11)}-m_{101}^{(00)}m_{021}^{(22)}m_{130}^{(20)}\\
&-3m_{101}^{(00)}m_{021}^{(22)}m_{121}^{(10)}+2m_{101}^{(00)}m_{021}^{(22)}m_{031}^{(00)}+m_{101}^{(00)}m_{012}^{(10)}m_{121}^{(21)}-m_{101}^{(00)}m_{012}^{(10)}m_{112}^{(11)}\\
&-m_{101}^{(00)}m_{012}^{(10)}m_{031}^{(20)}+m_{101}^{(00)}m_{012}^{(10)}m_{022}^{(10)}-m_{101}^{(00)}m_{012}^{(11)}m_{211}^{(21)}+m_{101}^{(00)}m_{012}^{(11)}m_{121}^{(20)}\\
&+m_{101}^{(00)}m_{012}^{(11)}m_{112}^{(10)}-m_{101}^{(00)}m_{012}^{(11)}m_{022}^{(00)}-m_{101}^{(00)}m_{012}^{(20)}m_{130}^{(21)}+m_{101}^{(00)}m_{012}^{(20)}m_{121}^{(11)}\\
&+m_{101}^{(00)}m_{012}^{(20)}m_{040}^{(20)}-m_{101}^{(00)}m_{012}^{(20)}m_{031}^{(10)}+m_{101}^{(00)}m_{012}^{(21)}m_{220}^{(21)}+m_{101}^{(00)}m_{012}^{(21)}m_{211}^{(11)}\\
&-m_{101}^{(00)}m_{012}^{(21)}m_{130}^{(20)}-3m_{101}^{(00)}m_{012}^{(21)}m_{121}^{(10)}+2m_{101}^{(00)}m_{012}^{(21)}m_{031}^{(00)}-m_{101}^{(00)}m_{012}^{(22)}m_{220}^{(11)}\\
&+2m_{101}^{(00)}m_{012}^{(22)}m_{130}^{(10)}-m_{101}^{(00)}m_{012}^{(22)}m_{040}^{(00)}+2m_{101}^{(10)}m_{210}^{(10)}m_{022}^{(22)}-4m_{101}^{(10)}m_{210}^{(10)}m_{013}^{(21)}\\
&+2m_{101}^{(10)}m_{210}^{(10)}m_{004}^{(11)}-2m_{101}^{(10)}m_{210}^{(11)}m_{112}^{(22)}+2m_{101}^{(10)}m_{210}^{(11)}m_{103}^{(21)}+2m_{101}^{(10)}m_{210}^{(11)}m_{013}^{(20)}\\
&-2m_{101}^{(10)}m_{210}^{(11)}m_{004}^{(10)}-2m_{101}^{(10)}m_{210}^{(20)}m_{031}^{(22)}+4m_{101}^{(10)}m_{210}^{(20)}m_{022}^{(21)}-2m_{101}^{(10)}m_{210}^{(20)}m_{013}^{(11)}\\
&+2m_{101}^{(10)}m_{210}^{(21)}m_{121}^{(22)}-2m_{101}^{(10)}m_{210}^{(21)}m_{103}^{(11)}-4m_{101}^{(10)}m_{210}^{(21)}m_{022}^{(20)}+4m_{101}^{(10)}m_{210}^{(21)}m_{013}^{(10)}\\
&-2m_{101}^{(10)}m_{210}^{(22)}m_{121}^{(21)}+2m_{101}^{(10)}m_{210}^{(22)}m_{112}^{(11)}+2m_{101}^{(10)}m_{210}^{(22)}m_{031}^{(20)}-2m_{101}^{(10)}m_{210}^{(22)}m_{022}^{(10)}\\
&-m_{101}^{(10)}m_{201}^{(10)}m_{031}^{(22)}+2m_{101}^{(10)}m_{201}^{(10)}m_{022}^{(21)}-m_{101}^{(10)}m_{201}^{(10)}m_{013}^{(11)}+m_{101}^{(10)}m_{201}^{(11)}m_{121}^{(22)}\\
&-m_{101}^{(10)}m_{201}^{(11)}m_{112}^{(21)}-m_{101}^{(10)}m_{201}^{(11)}m_{022}^{(20)}+m_{101}^{(10)}m_{201}^{(11)}m_{013}^{(10)}+m_{101}^{(10)}m_{201}^{(20)}m_{040}^{(22)}\\
&-2m_{101}^{(10)}m_{201}^{(20)}m_{031}^{(21)}+m_{101}^{(10)}m_{201}^{(20)}m_{022}^{(11)}-m_{101}^{(10)}m_{201}^{(21)}m_{130}^{(22)}+m_{101}^{(10)}m_{201}^{(21)}m_{112}^{(11)}\\
&+2m_{101}^{(10)}m_{201}^{(21)}m_{031}^{(20)}-2m_{101}^{(10)}m_{201}^{(21)}m_{022}^{(10)}+m_{101}^{(10)}m_{201}^{(22)}m_{130}^{(21)}-m_{101}^{(10)}m_{201}^{(22)}m_{121}^{(11)}\\
&-m_{101}^{(10)}m_{201}^{(22)}m_{040}^{(20)}+m_{101}^{(10)}m_{201}^{(22)}m_{031}^{(10)}-2m_{101}^{(10)}m_{120}^{(10)}m_{112}^{(22)}+2m_{101}^{(10)}m_{120}^{(10)}m_{103}^{(21)}\\
&+2m_{101}^{(10)}m_{120}^{(10)}m_{013}^{(20)}-2m_{101}^{(10)}m_{120}^{(10)}m_{004}^{(10)}+2m_{101}^{(10)}m_{120}^{(11)}m_{202}^{(22)}-4m_{101}^{(10)}m_{120}^{(11)}m_{103}^{(20)}\\
&+2m_{101}^{(10)}m_{120}^{(11)}m_{004}^{(00)}+2m_{101}^{(10)}m_{120}^{(20)}m_{121}^{(22)}-2m_{101}^{(10)}m_{120}^{(20)}m_{112}^{(21)}-2m_{101}^{(10)}m_{120}^{(20)}m_{022}^{(20)}\\
&+2m_{101}^{(10)}m_{120}^{(20)}m_{013}^{(10)}-2m_{101}^{(10)}m_{120}^{(21)}m_{211}^{(22)}-2m_{101}^{(10)}m_{120}^{(21)}m_{202}^{(21)}+6m_{101}^{(10)}m_{120}^{(21)}m_{112}^{(20)}\\
&+2m_{101}^{(10)}m_{120}^{(21)}m_{103}^{(10)}-4m_{101}^{(10)}m_{120}^{(21)}m_{013}^{(00)}+2m_{101}^{(10)}m_{120}^{(22)}m_{211}^{(21)}-2m_{101}^{(10)}m_{120}^{(22)}m_{121}^{(20)}\\
&-2m_{101}^{(10)}m_{120}^{(22)}m_{112}^{(10)}+2m_{101}^{(10)}m_{120}^{(22)}m_{022}^{(00)}-m_{101}^{(10)}m_{111}^{(00)}m_{031}^{(22)}+2m_{101}^{(10)}m_{111}^{(00)}m_{022}^{(21)}\\
&-m_{101}^{(10)}m_{111}^{(00)}m_{013}^{(11)}+2m_{101}^{(10)}m_{111}^{(10)}m_{121}^{(22)}-2m_{101}^{(10)}m_{111}^{(10)}m_{103}^{(11)}-4m_{101}^{(10)}m_{111}^{(10)}m_{022}^{(20)}
\end{aligned}
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\begin{aligned}
&+4m_{101}^{(10)}m_{111}^{(10)}m_{013}^{(10)} - m_{101}^{(10)}m_{111}^{(11)}m_{211}^{(22)} - 2m_{101}^{(10)}m_{111}^{(11)}m_{202}^{(21)} + 4m_{101}^{(10)}m_{111}^{(11)}m_{112}^{(20)}\\
&+2m_{101}^{(10)}m_{111}^{(11)}m_{103}^{(10)} - 3m_{101}^{(10)}m_{111}^{(11)}m_{013}^{(00)} - 4m_{101}^{(10)}m_{111}^{(20)}m_{121}^{(21)} + 4m_{101}^{(10)}m_{111}^{(20)}m_{112}^{(11)}\\
&+4m_{101}^{(10)}m_{111}^{(20)}m_{031}^{(20)} - 4m_{101}^{(10)}m_{111}^{(20)}m_{022}^{(10)} + 4m_{101}^{(10)}m_{111}^{(21)}m_{211}^{(21)} + 2m_{101}^{(10)}m_{111}^{(21)}m_{202}^{(11)}\\
&-4m_{101}^{(10)}m_{111}^{(21)}m_{121}^{(20)} - 8m_{101}^{(10)}m_{111}^{(21)}m_{112}^{(10)} + 6m_{101}^{(10)}m_{111}^{(21)}m_{022}^{(00)} - 3m_{101}^{(10)}m_{111}^{(22)}m_{211}^{(11)}\\
&+6m_{101}^{(10)}m_{111}^{(22)}m_{121}^{(10)} - 3m_{101}^{(10)}m_{111}^{(22)}m_{031}^{(00)} + m_{101}^{(10)}m_{102}^{(00)}m_{040}^{(22)} - 2m_{101}^{(10)}m_{102}^{(00)}m_{031}^{(21)}\\
&+m_{101}^{(10)}m_{102}^{(00)}m_{022}^{(11)} - 2m_{101}^{(10)}m_{102}^{(10)}m_{130}^{(22)} + 2m_{101}^{(10)}m_{102}^{(10)}m_{121}^{(21)} + 2m_{101}^{(10)}m_{102}^{(10)}m_{031}^{(20)}\\
&-2m_{101}^{(10)}m_{102}^{(10)}m_{022}^{(10)} + m_{101}^{(10)}m_{102}^{(11)}m_{220}^{(22)} - 2m_{101}^{(10)}m_{102}^{(11)}m_{121}^{(20)} + m_{101}^{(10)}m_{102}^{(11)}m_{022}^{(00)}\\
&+2m_{101}^{(10)}m_{102}^{(20)}m_{130}^{(21)} - 2m_{101}^{(10)}m_{102}^{(20)}m_{121}^{(11)} - 2m_{101}^{(10)}m_{102}^{(20)}m_{040}^{(20)} + 2m_{101}^{(10)}m_{102}^{(20)}m_{031}^{(10)}\\
&-2m_{101}^{(10)}m_{102}^{(21)}m_{220}^{(21)} + 2m_{101}^{(10)}m_{102}^{(21)}m_{130}^{(20)} + 2m_{101}^{(10)}m_{102}^{(21)}m_{121}^{(10)} - 2m_{101}^{(10)}m_{102}^{(21)}m_{031}^{(00)}\\
&+m_{101}^{(10)}m_{102}^{(22)}m_{220}^{(11)} - 2m_{101}^{(10)}m_{102}^{(22)}m_{130}^{(10)} + m_{101}^{(10)}m_{102}^{(22)}m_{040}^{(00)} + m_{101}^{(10)}m_{021}^{(00)}m_{121}^{(22)}\\
&-m_{101}^{(10)}m_{021}^{(00)}m_{112}^{(21)} - m_{101}^{(10)}m_{021}^{(00)}m_{022}^{(20)} + m_{101}^{(10)}m_{021}^{(00)}m_{013}^{(10)} - m_{101}^{(10)}m_{021}^{(10)}m_{211}^{(22)}\\
&+2m_{101}^{(10)}m_{021}^{(10)}m_{112}^{(20)} - m_{101}^{(10)}m_{021}^{(10)}m_{013}^{(00)} - m_{101}^{(10)}m_{021}^{(20)}m_{220}^{(22)} + 2m_{101}^{(10)}m_{021}^{(20)}m_{211}^{(21)}\\
&-2m_{101}^{(10)}m_{021}^{(20)}m_{112}^{(10)} + m_{101}^{(10)}m_{021}^{(20)}m_{022}^{(00)} + m_{101}^{(10)}m_{021}^{(21)}m_{310}^{(22)} - 2m_{101}^{(10)}m_{021}^{(21)}m_{211}^{(20)}\\
&+m_{101}^{(10)}m_{021}^{(21)}m_{112}^{(00)} - m_{101}^{(10)}m_{021}^{(22)}m_{310}^{(21)} + m_{101}^{(10)}m_{021}^{(22)}m_{220}^{(20)} + m_{101}^{(10)}m_{021}^{(22)}m_{211}^{(10)}\\
&-m_{101}^{(10)}m_{021}^{(22)}m_{121}^{(00)} - m_{101}^{(10)}m_{012}^{(00)}m_{130}^{(22)} + m_{101}^{(10)}m_{012}^{(00)}m_{112}^{(11)} + 2m_{101}^{(10)}m_{012}^{(00)}m_{031}^{(20)}\\
&-2m_{101}^{(10)}m_{012}^{(00)}m_{022}^{(10)} + 2m_{101}^{(10)}m_{012}^{(10)}m_{220}^{(22)} - 4m_{101}^{(10)}m_{012}^{(10)}m_{121}^{(20)} + 2m_{101}^{(10)}m_{012}^{(10)}m_{022}^{(00)}\\
&-m_{101}^{(10)}m_{012}^{(11)}m_{310}^{(22)} + 2m_{101}^{(10)}m_{012}^{(11)}m_{211}^{(20)} - m_{101}^{(10)}m_{012}^{(11)}m_{112}^{(00)} - 2m_{101}^{(10)}m_{012}^{(20)}m_{211}^{(11)}\\
&+4m_{101}^{(10)}m_{012}^{(20)}m_{121}^{(10)} - 2m_{101}^{(10)}m_{012}^{(20)}m_{031}^{(00)} + m_{101}^{(10)}m_{012}^{(22)}m_{310}^{(11)} - 2m_{101}^{(10)}m_{012}^{(22)}m_{220}^{(10)}\\
&+m_{101}^{(10)}m_{012}^{(22)}m_{130}^{(00)} + m_{101}^{(10)}m_{003}^{(00)}m_{130}^{(21)} - m_{101}^{(10)}m_{003}^{(00)}m_{121}^{(11)} - m_{101}^{(10)}m_{003}^{(00)}m_{040}^{(20)}\\
&+m_{101}^{(10)}m_{003}^{(00)}m_{031}^{(10)} - 2m_{101}^{(10)}m_{003}^{(10)}m_{220}^{(21)} + m_{101}^{(10)}m_{003}^{(10)}m_{211}^{(11)} + 2m_{101}^{(10)}m_{003}^{(10)}m_{130}^{(20)}\\
&-m_{101}^{(10)}m_{003}^{(10)}m_{031}^{(00)} + m_{101}^{(10)}m_{003}^{(11)}m_{310}^{(21)} - m_{101}^{(10)}m_{003}^{(11)}m_{220}^{(20)} - m_{101}^{(10)}m_{003}^{(11)}m_{211}^{(10)}\\
&+m_{101}^{(10)}m_{003}^{(11)}m_{121}^{(00)} + m_{101}^{(10)}m_{003}^{(20)}m_{220}^{(11)} - 2m_{101}^{(10)}m_{003}^{(20)}m_{130}^{(10)} + m_{101}^{(10)}m_{003}^{(20)}m_{040}^{(00)}\\
&-m_{101}^{(10)}m_{003}^{(21)}m_{310}^{(11)} + 2m_{101}^{(10)}m_{003}^{(21)}m_{220}^{(10)} - m_{101}^{(10)}m_{003}^{(21)}m_{130}^{(00)} - m_{101}^{(11)}m_{300}^{(10)}m_{022}^{(22)}\\
&+2m_{101}^{(11)}m_{300}^{(10)}m_{013}^{(21)} - m_{101}^{(11)}m_{300}^{(10)}m_{004}^{(11)} + m_{101}^{(11)}m_{300}^{(11)}m_{112}^{(22)} - m_{101}^{(11)}m_{300}^{(11)}m_{103}^{(21)}\\
&-m_{101}^{(11)}m_{300}^{(11)}m_{013}^{(20)} + m_{101}^{(11)}m_{300}^{(11)}m_{004}^{(10)} + m_{101}^{(11)}m_{300}^{(20)}m_{031}^{(22)} - 2m_{101}^{(11)}m_{300}^{(20)}m_{022}^{(21)}\\
&+m_{101}^{(11)}m_{300}^{(20)}m_{013}^{(11)} - m_{101}^{(11)}m_{300}^{(21)}m_{121}^{(22)} + m_{101}^{(11)}m_{300}^{(21)}m_{103}^{(11)} + 2m_{101}^{(11)}m_{300}^{(21)}m_{022}^{(20)}\\
&-2m_{101}^{(11)}m_{300}^{(21)}m_{013}^{(10)} + m_{101}^{(11)}m_{300}^{(22)}m_{121}^{(21)} - m_{101}^{(11)}m_{300}^{(22)}m_{112}^{(11)} - m_{101}^{(11)}m_{300}^{(22)}m_{031}^{(20)}\\
&+m_{101}^{(11)}m_{300}^{(22)}m_{022}^{(10)} + m_{101}^{(11)}m_{210}^{(10)}m_{112}^{(22)} - m_{101}^{(11)}m_{210}^{(10)}m_{103}^{(21)} - m_{101}^{(11)}m_{210}^{(10)}m_{013}^{(20)}\\
&+m_{101}^{(11)}m_{210}^{(10)}m_{004}^{(10)} - m_{101}^{(11)}m_{210}^{(11)}m_{202}^{(22)} + 2m_{101}^{(11)}m_{210}^{(11)}m_{103}^{(20)} - m_{101}^{(11)}m_{210}^{(11)}m_{004}^{(00)}\\
&-m_{101}^{(11)}m_{210}^{(20)}m_{121}^{(22)} + m_{101}^{(11)}m_{210}^{(20)}m_{112}^{(21)} + m_{101}^{(11)}m_{210}^{(20)}m_{022}^{(20)} - m_{101}^{(11)}m_{210}^{(20)}m_{013}^{(10)}\\
&+m_{101}^{(11)}m_{210}^{(21)}m_{211}^{(22)} + m_{101}^{(11)}m_{210}^{(21)}m_{202}^{(21)} - 3m_{101}^{(11)}m_{210}^{(21)}m_{112}^{(20)} - m_{101}^{(11)}m_{210}^{(21)}m_{103}^{(10)}\\
&+2m_{101}^{(11)}m_{210}^{(21)}m_{013}^{(00)} - m_{101}^{(11)}m_{210}^{(22)}m_{211}^{(21)} + m_{101}^{(11)}m_{210}^{(22)}m_{121}^{(20)} + m_{101}^{(11)}m_{210}^{(22)}m_{112}^{(10)}\\
&-m_{101}^{(11)}m_{210}^{(22)}m_{022}^{(00)} + m_{101}^{(11)}m_{201}^{(00)}m_{031}^{(22)} - 2m_{101}^{(11)}m_{201}^{(00)}m_{022}^{(21)} + m_{101}^{(11)}m_{201}^{(00)}m_{013}^{(11)}\\
&-m_{101}^{(11)}m_{201}^{(10)}m_{121}^{(22)} + m_{101}^{(11)}m_{201}^{(10)}m_{103}^{(11)} + 2m_{101}^{(11)}m_{201}^{(10)}m_{022}^{(20)} - 2m_{101}^{(11)}m_{201}^{(10)}m_{013}^{(10)}\\
&+m_{101}^{(11)}m_{201}^{(11)}m_{202}^{(21)} - m_{101}^{(11)}m_{201}^{(11)}m_{112}^{(20)} - m_{101}^{(11)}m_{201}^{(11)}m_{103}^{(10)} + m_{101}^{(11)}m_{201}^{(11)}m_{013}^{(00)}\\
&-m_{101}^{(11)}m_{201}^{(20)}m_{130}^{(22)} + 4m_{101}^{(11)}m_{201}^{(20)}m_{121}^{(21)} - 3m_{101}^{(11)}m_{201}^{(20)}m_{112}^{(11)} - 2m_{101}^{(11)}m_{201}^{(20)}m_{031}^{(20)}\\
&+2m_{101}^{(11)}m_{201}^{(20)}m_{022}^{(10)} + m_{101}^{(11)}m_{201}^{(21)}m_{220}^{(22)} - 2m_{101}^{(11)}m_{201}^{(21)}m_{211}^{(21)} - m_{101}^{(11)}m_{201}^{(21)}m_{202}^{(11)}\\
&+4m_{101}^{(11)}m_{201}^{(21)}m_{112}^{(10)} - 2m_{101}^{(11)}m_{201}^{(21)}m_{022}^{(00)} - m_{101}^{(11)}m_{201}^{(22)}m_{220}^{(21)} + 2m_{101}^{(11)}m_{201}^{(22)}m_{211}^{(11)}
\end{aligned}
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$$+m_{101}^{(11)}m_{201}^{(22)}m_{130}^{(20)} - 3m_{101}^{(11)}m_{201}^{(22)}m_{121}^{(10)} + m_{101}^{(11)}m_{201}^{(22)}m_{031}^{(00)} - m_{101}^{(11)}m_{111}^{(00)}m_{121}^{(22)}$$
$$+m_{101}^{(11)}m_{111}^{(00)}m_{112}^{(21)} + m_{101}^{(11)}m_{111}^{(00)}m_{022}^{(20)} - m_{101}^{(11)}m_{111}^{(00)}m_{013}^{(10)} + m_{101}^{(11)}m_{111}^{(10)}m_{211}^{(22)}$$
$$-2m_{101}^{(11)}m_{111}^{(10)}m_{112}^{(20)} + m_{101}^{(11)}m_{111}^{(10)}m_{013}^{(00)} + m_{101}^{(11)}m_{111}^{(20)}m_{220}^{(22)} - 2m_{101}^{(11)}m_{111}^{(20)}m_{211}^{(21)}$$
$$+2m_{101}^{(11)}m_{111}^{(20)}m_{112}^{(10)} - m_{101}^{(11)}m_{111}^{(20)}m_{022}^{(00)} - m_{101}^{(11)}m_{111}^{(21)}m_{310}^{(22)} + 2m_{101}^{(11)}m_{111}^{(21)}m_{211}^{(20)}$$
$$-m_{101}^{(11)}m_{111}^{(21)}m_{112}^{(00)} + m_{101}^{(11)}m_{111}^{(22)}m_{310}^{(21)} - m_{101}^{(11)}m_{111}^{(22)}m_{220}^{(20)} - m_{101}^{(11)}m_{111}^{(22)}m_{211}^{(10)}$$
$$+m_{101}^{(11)}m_{111}^{(22)}m_{121}^{(00)} - m_{101}^{(11)}m_{101}^{(00)}m_{130}^{(22)} + 3m_{101}^{(11)}m_{102}^{(00)}m_{121}^{(21)} - 2m_{101}^{(11)}m_{102}^{(00)}m_{112}^{(11)}$$
$$-m_{101}^{(11)}m_{102}^{(00)}m_{031}^{(20)} + m_{101}^{(11)}m_{102}^{(00)}m_{022}^{(10)} + 2m_{101}^{(11)}m_{102}^{(10)}m_{220}^{(22)} - 4m_{101}^{(11)}m_{102}^{(10)}m_{211}^{(21)}$$
$$+m_{101}^{(11)}m_{102}^{(10)}m_{202}^{(11)} + 2m_{101}^{(11)}m_{102}^{(10)}m_{112}^{(10)} - m_{101}^{(11)}m_{102}^{(10)}m_{022}^{(00)} - m_{101}^{(11)}m_{102}^{(11)}m_{310}^{(22)}$$
$$+m_{101}^{(11)}m_{102}^{(11)}m_{301}^{(21)} + m_{101}^{(11)}m_{102}^{(11)}m_{211}^{(20)} - m_{101}^{(11)}m_{102}^{(11)}m_{202}^{(10)} - 2m_{101}^{(11)}m_{102}^{(20)}m_{220}^{(21)}$$
$$+3m_{101}^{(11)}m_{102}^{(20)}m_{211}^{(11)} + 2m_{101}^{(11)}m_{102}^{(20)}m_{130}^{(20)} - 4m_{101}^{(11)}m_{102}^{(20)}m_{121}^{(10)} + m_{101}^{(11)}m_{102}^{(20)}m_{031}^{(00)}$$
$$+2m_{101}^{(11)}m_{102}^{(21)}m_{310}^{(21)} - m_{101}^{(11)}m_{102}^{(21)}m_{301}^{(11)} - 2m_{101}^{(11)}m_{102}^{(21)}m_{220}^{(20)} + m_{101}^{(11)}m_{102}^{(21)}m_{121}^{(00)}$$
$$-m_{101}^{(11)}m_{102}^{(22)}m_{310}^{(11)} + 2m_{101}^{(11)}m_{102}^{(22)}m_{220}^{(10)} - m_{101}^{(11)}m_{102}^{(22)}m_{130}^{(00)} + m_{101}^{(11)}m_{012}^{(00)}m_{220}^{(22)}$$
$$-m_{101}^{(11)}m_{012}^{(00)}m_{211}^{(21)} - m_{101}^{(11)}m_{012}^{(00)}m_{121}^{(20)} + m_{101}^{(11)}m_{012}^{(00)}m_{112}^{(10)} - 2m_{101}^{(11)}m_{012}^{(10)}m_{310}^{(22)}$$
$$+m_{101}^{(11)}m_{012}^{(10)}m_{301}^{(21)} + 3m_{101}^{(11)}m_{012}^{(10)}m_{211}^{(20)} - m_{101}^{(11)}m_{012}^{(10)}m_{202}^{(10)} - m_{101}^{(11)}m_{012}^{(10)}m_{112}^{(00)}$$
$$+m_{101}^{(11)}m_{012}^{(11)}m_{400}^{(22)} - 2m_{101}^{(11)}m_{012}^{(11)}m_{301}^{(20)} + m_{101}^{(11)}m_{012}^{(11)}m_{202}^{(00)} + m_{101}^{(11)}m_{012}^{(20)}m_{310}^{(21)}$$
$$-m_{101}^{(11)}m_{012}^{(20)}m_{220}^{(20)} - m_{101}^{(11)}m_{012}^{(20)}m_{211}^{(10)} + m_{101}^{(11)}m_{012}^{(20)}m_{121}^{(00)} - m_{101}^{(11)}m_{012}^{(21)}m_{400}^{(21)}$$
$$+m_{101}^{(11)}m_{012}^{(21)}m_{310}^{(20)} + m_{101}^{(11)}m_{012}^{(21)}m_{301}^{(10)} - m_{101}^{(11)}m_{012}^{(21)}m_{211}^{(00)} - m_{101}^{(11)}m_{003}^{(00)}m_{220}^{(21)}$$
$$+m_{101}^{(11)}m_{003}^{(00)}m_{211}^{(11)} + m_{101}^{(11)}m_{003}^{(00)}m_{130}^{(20)} - m_{101}^{(11)}m_{003}^{(00)}m_{121}^{(10)} + 2m_{101}^{(11)}m_{003}^{(10)}m_{310}^{(21)}$$
$$-m_{101}^{(11)}m_{003}^{(10)}m_{301}^{(11)} - 2m_{101}^{(11)}m_{003}^{(10)}m_{220}^{(20)} + m_{101}^{(11)}m_{003}^{(10)}m_{121}^{(00)} - m_{101}^{(11)}m_{003}^{(11)}m_{400}^{(21)}$$
$$+m_{101}^{(11)}m_{003}^{(11)}m_{310}^{(20)} + m_{101}^{(11)}m_{003}^{(11)}m_{301}^{(10)} - m_{101}^{(11)}m_{003}^{(11)}m_{211}^{(00)} - m_{101}^{(11)}m_{003}^{(20)}m_{310}^{(11)}$$
$$+2m_{101}^{(11)}m_{003}^{(20)}m_{220}^{(10)} - m_{101}^{(11)}m_{003}^{(20)}m_{130}^{(00)} + m_{101}^{(11)}m_{003}^{(21)}m_{400}^{(11)} - 2m_{101}^{(11)}m_{003}^{(21)}m_{310}^{(10)}$$
$$+m_{101}^{(11)}m_{003}^{(21)}m_{220}^{(00)} - m_{101}^{(20)}m_{210}^{(10)}m_{031}^{(22)} + 2m_{101}^{(20)}m_{210}^{(10)}m_{022}^{(21)} - m_{101}^{(20)}m_{210}^{(10)}m_{013}^{(11)}$$
$$+m_{101}^{(20)}m_{210}^{(11)}m_{121}^{(22)} - m_{101}^{(20)}m_{210}^{(11)}m_{112}^{(21)} - m_{101}^{(20)}m_{210}^{(11)}m_{022}^{(20)} + m_{101}^{(20)}m_{210}^{(11)}m_{013}^{(10)}$$
$$+m_{101}^{(20)}m_{210}^{(20)}m_{040}^{(22)} - 2m_{101}^{(20)}m_{210}^{(20)}m_{031}^{(21)} + m_{101}^{(20)}m_{210}^{(20)}m_{022}^{(11)} - m_{101}^{(20)}m_{210}^{(21)}m_{130}^{(22)}$$
$$+m_{101}^{(20)}m_{210}^{(21)}m_{112}^{(11)} + 2m_{101}^{(20)}m_{210}^{(21)}m_{031}^{(20)} - 2m_{101}^{(20)}m_{210}^{(21)}m_{022}^{(10)} + m_{101}^{(20)}m_{210}^{(22)}m_{130}^{(21)}$$
$$-m_{101}^{(20)}m_{210}^{(22)}m_{121}^{(11)} - m_{101}^{(20)}m_{210}^{(22)}m_{040}^{(20)} + m_{101}^{(20)}m_{210}^{(22)}m_{031}^{(10)} + m_{101}^{(20)}m_{120}^{(00)}m_{031}^{(22)}$$
$$-2m_{101}^{(20)}m_{120}^{(00)}m_{022}^{(21)} + m_{101}^{(20)}m_{120}^{(00)}m_{013}^{(11)} - m_{101}^{(20)}m_{120}^{(11)}m_{211}^{(22)} + 2m_{101}^{(20)}m_{120}^{(11)}m_{112}^{(20)}$$
$$-m_{101}^{(20)}m_{120}^{(11)}m_{013}^{(00)} - 2m_{101}^{(20)}m_{120}^{(20)}m_{130}^{(22)} + 4m_{101}^{(20)}m_{120}^{(20)}m_{121}^{(21)} - 2m_{101}^{(20)}m_{120}^{(20)}m_{112}^{(11)}$$
$$+2m_{101}^{(20)}m_{120}^{(21)}m_{220}^{(22)} - 4m_{101}^{(20)}m_{120}^{(21)}m_{121}^{(20)} + 2m_{101}^{(20)}m_{120}^{(21)}m_{022}^{(00)} - 2m_{101}^{(20)}m_{120}^{(22)}m_{220}^{(21)}$$
$$+m_{101}^{(20)}m_{120}^{(22)}m_{211}^{(11)} + 2m_{101}^{(20)}m_{120}^{(22)}m_{130}^{(20)} - m_{101}^{(20)}m_{120}^{(22)}m_{031}^{(00)} - m_{101}^{(20)}m_{111}^{(00)}m_{040}^{(22)}$$
$$+2m_{101}^{(20)}m_{111}^{(00)}m_{031}^{(21)} - m_{101}^{(20)}m_{111}^{(00)}m_{022}^{(11)} + 2m_{101}^{(20)}m_{111}^{(10)}m_{130}^{(22)} - 4m_{101}^{(20)}m_{111}^{(10)}m_{121}^{(21)}$$
$$+2m_{101}^{(20)}m_{111}^{(10)}m_{112}^{(11)} - m_{101}^{(20)}m_{111}^{(11)}m_{220}^{(22)} + 2m_{101}^{(20)}m_{111}^{(11)}m_{211}^{(21)} - 2m_{101}^{(20)}m_{111}^{(11)}m_{112}^{(10)}$$
$$+m_{101}^{(20)}m_{111}^{(11)}m_{022}^{(00)} - 2m_{101}^{(20)}m_{111}^{(21)}m_{211}^{(11)} + 4m_{101}^{(20)}m_{111}^{(21)}m_{121}^{(10)} - 2m_{101}^{(20)}m_{111}^{(21)}m_{031}^{(00)}$$
$$+m_{101}^{(20)}m_{111}^{(22)}m_{220}^{(11)} - 2m_{101}^{(20)}m_{111}^{(22)}m_{130}^{(10)} + m_{101}^{(20)}m_{111}^{(22)}m_{040}^{(00)} - m_{101}^{(20)}m_{030}^{(00)}m_{121}^{(22)}$$
$$+m_{101}^{(20)}m_{030}^{(00)}m_{112}^{(21)} + m_{101}^{(20)}m_{030}^{(00)}m_{022}^{(20)} - m_{101}^{(20)}m_{030}^{(00)}m_{013}^{(10)} + m_{101}^{(20)}m_{030}^{(10)}m_{211}^{(22)}$$
$$-2m_{101}^{(20)}m_{030}^{(10)}m_{112}^{(20)} + m_{101}^{(20)}m_{030}^{(10)}m_{013}^{(00)} + m_{101}^{(20)}m_{030}^{(20)}m_{220}^{(22)} - 2m_{101}^{(20)}m_{030}^{(20)}m_{211}^{(21)}$$
$$+2m_{101}^{(20)}m_{030}^{(20)}m_{112}^{(10)} - m_{101}^{(20)}m_{030}^{(20)}m_{022}^{(00)} - m_{101}^{(20)}m_{030}^{(21)}m_{310}^{(22)} + 2m_{101}^{(20)}m_{030}^{(21)}m_{211}^{(20)}$$
$$-m_{101}^{(20)}m_{030}^{(21)}m_{112}^{(00)} + m_{101}^{(20)}m_{030}^{(22)}m_{310}^{(21)} - m_{101}^{(20)}m_{030}^{(22)}m_{220}^{(20)} - m_{101}^{(20)}m_{030}^{(22)}m_{211}^{(10)}$$

$$+m_{101}^{(20)}m_{030}^{(22)}m_{121}^{(00)}+m_{101}^{(20)}m_{021}^{(00)}m_{130}^{(22)}-m_{101}^{(20)}m_{021}^{(00)}m_{112}^{(11)}-2m_{101}^{(20)}m_{021}^{(00)}m_{031}^{(20)}$$
$$+2m_{101}^{(20)}m_{021}^{(00)}m_{022}^{(10)}-2m_{101}^{(20)}m_{021}^{(10)}m_{220}^{(22)}+4m_{101}^{(20)}m_{021}^{(10)}m_{121}^{(20)}-2m_{101}^{(20)}m_{021}^{(10)}m_{022}^{(00)}$$
$$+m_{101}^{(20)}m_{021}^{(11)}m_{310}^{(22)}-2m_{101}^{(20)}m_{021}^{(11)}m_{211}^{(20)}+m_{101}^{(20)}m_{021}^{(11)}m_{112}^{(00)}+2m_{101}^{(20)}m_{021}^{(20)}m_{211}^{(11)}$$
$$-4m_{101}^{(20)}m_{021}^{(20)}m_{121}^{(10)}+2m_{101}^{(20)}m_{021}^{(20)}m_{031}^{(00)}-m_{101}^{(20)}m_{021}^{(22)}m_{310}^{(11)}+2m_{101}^{(20)}m_{021}^{(22)}m_{220}^{(10)}$$
$$-m_{101}^{(20)}m_{021}^{(22)}m_{130}^{(00)}-m_{101}^{(20)}m_{012}^{(00)}m_{130}^{(21)}+m_{101}^{(20)}m_{012}^{(00)}m_{121}^{(11)}+m_{101}^{(20)}m_{012}^{(00)}m_{040}^{(20)}$$
$$-m_{101}^{(20)}m_{012}^{(00)}m_{031}^{(10)}+2m_{101}^{(20)}m_{012}^{(10)}m_{220}^{(21)}-m_{101}^{(20)}m_{012}^{(10)}m_{211}^{(11)}-2m_{101}^{(20)}m_{012}^{(10)}m_{130}^{(20)}$$
$$+m_{101}^{(20)}m_{012}^{(10)}m_{031}^{(00)}-m_{101}^{(20)}m_{012}^{(11)}m_{310}^{(21)}+m_{101}^{(20)}m_{012}^{(11)}m_{220}^{(20)}+m_{101}^{(20)}m_{012}^{(11)}m_{211}^{(10)}$$
$$-m_{101}^{(20)}m_{012}^{(11)}m_{121}^{(00)}-m_{101}^{(20)}m_{012}^{(20)}m_{220}^{(11)}+2m_{101}^{(20)}m_{012}^{(20)}m_{130}^{(10)}-m_{101}^{(20)}m_{012}^{(20)}m_{040}^{(00)}$$
$$+m_{101}^{(20)}m_{012}^{(21)}m_{310}^{(11)}-2m_{101}^{(20)}m_{012}^{(21)}m_{220}^{(10)}+m_{101}^{(20)}m_{012}^{(21)}m_{130}^{(00)}+m_{101}^{(21)}m_{300}^{(10)}m_{031}^{(22)}$$
$$-2m_{101}^{(21)}m_{300}^{(10)}m_{022}^{(21)}+m_{101}^{(21)}m_{300}^{(10)}m_{013}^{(11)}-m_{101}^{(21)}m_{300}^{(11)}m_{121}^{(22)}+m_{101}^{(21)}m_{300}^{(11)}m_{112}^{(21)}$$
$$+m_{101}^{(21)}m_{300}^{(11)}m_{022}^{(20)}-m_{101}^{(21)}m_{300}^{(11)}m_{013}^{(10)}-m_{101}^{(21)}m_{300}^{(20)}m_{040}^{(22)}+2m_{101}^{(21)}m_{300}^{(20)}m_{031}^{(21)}$$
$$-m_{101}^{(21)}m_{300}^{(20)}m_{022}^{(11)}+m_{101}^{(21)}m_{300}^{(21)}m_{130}^{(22)}-m_{101}^{(21)}m_{300}^{(21)}m_{112}^{(11)}-2m_{101}^{(21)}m_{300}^{(21)}m_{031}^{(20)}$$
$$+2m_{101}^{(21)}m_{300}^{(21)}m_{022}^{(10)}-m_{101}^{(21)}m_{300}^{(22)}m_{130}^{(21)}+m_{101}^{(21)}m_{300}^{(22)}m_{121}^{(11)}+m_{101}^{(21)}m_{300}^{(22)}m_{040}^{(20)}$$
$$-m_{101}^{(21)}m_{300}^{(22)}m_{031}^{(10)}-m_{101}^{(21)}m_{210}^{(00)}m_{031}^{(22)}+2m_{101}^{(21)}m_{210}^{(00)}m_{022}^{(21)}-m_{101}^{(21)}m_{210}^{(00)}m_{013}^{(11)}$$
$$+m_{101}^{(21)}m_{210}^{(11)}m_{211}^{(22)}-2m_{101}^{(21)}m_{210}^{(11)}m_{112}^{(20)}+m_{101}^{(21)}m_{210}^{(11)}m_{013}^{(00)}+2m_{101}^{(21)}m_{210}^{(20)}m_{130}^{(22)}$$
$$-4m_{101}^{(21)}m_{210}^{(20)}m_{121}^{(21)}+2m_{101}^{(21)}m_{210}^{(20)}m_{112}^{(11)}-2m_{101}^{(21)}m_{210}^{(21)}m_{220}^{(22)}+4m_{101}^{(21)}m_{210}^{(21)}m_{121}^{(20)}$$
$$-2m_{101}^{(21)}m_{210}^{(21)}m_{022}^{(00)}+2m_{101}^{(21)}m_{210}^{(22)}m_{220}^{(21)}-m_{101}^{(21)}m_{210}^{(22)}m_{211}^{(11)}-2m_{101}^{(21)}m_{210}^{(22)}m_{130}^{(20)}$$
$$+m_{101}^{(21)}m_{210}^{(22)}m_{031}^{(00)}-m_{101}^{(21)}m_{201}^{(00)}m_{040}^{(22)}+2m_{101}^{(21)}m_{201}^{(00)}m_{031}^{(21)}-m_{101}^{(21)}m_{201}^{(00)}m_{022}^{(11)}$$
$$+2m_{101}^{(21)}m_{201}^{(10)}m_{130}^{(22)}-2m_{101}^{(21)}m_{201}^{(10)}m_{121}^{(21)}-2m_{101}^{(21)}m_{201}^{(10)}m_{031}^{(20)}+2m_{101}^{(21)}m_{201}^{(10)}m_{022}^{(10)}$$
$$-m_{101}^{(21)}m_{201}^{(11)}m_{220}^{(22)}+2m_{101}^{(21)}m_{201}^{(11)}m_{121}^{(20)}-m_{101}^{(21)}m_{201}^{(11)}m_{022}^{(00)}-2m_{101}^{(21)}m_{201}^{(20)}m_{130}^{(21)}$$
$$+2m_{101}^{(21)}m_{201}^{(20)}m_{121}^{(11)}+2m_{101}^{(21)}m_{201}^{(20)}m_{040}^{(20)}-2m_{101}^{(21)}m_{201}^{(20)}m_{031}^{(10)}+2m_{101}^{(21)}m_{201}^{(21)}m_{220}^{(21)}$$
$$-2m_{101}^{(21)}m_{201}^{(21)}m_{130}^{(20)}-2m_{101}^{(21)}m_{201}^{(21)}m_{121}^{(10)}+2m_{101}^{(21)}m_{201}^{(21)}m_{031}^{(00)}-m_{101}^{(21)}m_{201}^{(22)}m_{220}^{(11)}$$
$$+2m_{101}^{(21)}m_{201}^{(22)}m_{130}^{(10)}-m_{101}^{(21)}m_{201}^{(22)}m_{040}^{(00)}+m_{101}^{(21)}m_{120}^{(00)}m_{121}^{(22)}-m_{101}^{(21)}m_{120}^{(00)}m_{112}^{(21)}$$
$$-m_{101}^{(21)}m_{120}^{(00)}m_{022}^{(20)}+m_{101}^{(21)}m_{120}^{(00)}m_{013}^{(10)}-m_{101}^{(21)}m_{120}^{(10)}m_{211}^{(22)}+2m_{101}^{(21)}m_{120}^{(10)}m_{112}^{(20)}$$
$$-m_{101}^{(21)}m_{120}^{(10)}m_{013}^{(00)}-m_{101}^{(21)}m_{120}^{(20)}m_{220}^{(22)}+2m_{101}^{(21)}m_{120}^{(20)}m_{211}^{(21)}-2m_{101}^{(21)}m_{120}^{(20)}m_{112}^{(10)}$$
$$+m_{101}^{(21)}m_{120}^{(20)}m_{022}^{(00)}+m_{101}^{(21)}m_{120}^{(21)}m_{310}^{(22)}-2m_{101}^{(21)}m_{120}^{(21)}m_{211}^{(20)}+m_{101}^{(21)}m_{120}^{(21)}m_{112}^{(00)}$$
$$-m_{101}^{(21)}m_{120}^{(22)}m_{310}^{(21)}+m_{101}^{(21)}m_{120}^{(22)}m_{220}^{(20)}+m_{101}^{(21)}m_{120}^{(22)}m_{211}^{(10)}-m_{101}^{(21)}m_{120}^{(22)}m_{121}^{(00)}$$
$$+3m_{101}^{(21)}m_{111}^{(00)}m_{130}^{(22)}-6m_{101}^{(21)}m_{111}^{(00)}m_{121}^{(21)}+3m_{101}^{(21)}m_{111}^{(00)}m_{112}^{(11)}-6m_{101}^{(21)}m_{111}^{(10)}m_{220}^{(22)}$$
$$+8m_{101}^{(21)}m_{111}^{(10)}m_{211}^{(21)}-2m_{101}^{(21)}m_{111}^{(10)}m_{202}^{(11)}+4m_{101}^{(21)}m_{111}^{(10)}m_{121}^{(20)}-4m_{101}^{(21)}m_{111}^{(10)}m_{112}^{(10)}$$
$$+3m_{101}^{(21)}m_{111}^{(11)}m_{310}^{(22)}-2m_{101}^{(21)}m_{111}^{(11)}m_{301}^{(21)}-4m_{101}^{(21)}m_{111}^{(11)}m_{211}^{(20)}+2m_{101}^{(21)}m_{111}^{(11)}m_{202}^{(10)}$$
$$+m_{101}^{(21)}m_{111}^{(11)}m_{112}^{(00)}+4m_{101}^{(21)}m_{111}^{(20)}m_{220}^{(21)}-4m_{101}^{(21)}m_{111}^{(20)}m_{211}^{(11)}-4m_{101}^{(21)}m_{111}^{(20)}m_{130}^{(20)}$$
$$+4m_{101}^{(21)}m_{111}^{(20)}m_{121}^{(10)}-4m_{101}^{(21)}m_{111}^{(21)}m_{310}^{(21)}+2m_{101}^{(21)}m_{111}^{(21)}m_{301}^{(11)}+4m_{101}^{(21)}m_{111}^{(21)}m_{220}^{(20)}$$
$$-2m_{101}^{(21)}m_{111}^{(21)}m_{121}^{(00)}+m_{101}^{(21)}m_{111}^{(22)}m_{310}^{(11)}-2m_{101}^{(21)}m_{111}^{(22)}m_{220}^{(10)}+m_{101}^{(21)}m_{111}^{(22)}m_{130}^{(00)}$$
$$-m_{101}^{(21)}m_{102}^{(00)}m_{130}^{(21)}+m_{101}^{(21)}m_{102}^{(00)}m_{121}^{(11)}+m_{101}^{(21)}m_{102}^{(00)}m_{040}^{(20)}-m_{101}^{(21)}m_{102}^{(00)}m_{031}^{(10)}$$
$$+2m_{101}^{(21)}m_{102}^{(10)}m_{220}^{(21)}-m_{101}^{(21)}m_{102}^{(10)}m_{211}^{(11)}-2m_{101}^{(21)}m_{102}^{(10)}m_{130}^{(20)}+m_{101}^{(21)}m_{102}^{(10)}m_{031}^{(00)}$$
$$-m_{101}^{(21)}m_{102}^{(11)}m_{310}^{(21)}+m_{101}^{(21)}m_{102}^{(11)}m_{220}^{(20)}+m_{101}^{(21)}m_{102}^{(11)}m_{211}^{(10)}-m_{101}^{(21)}m_{102}^{(11)}m_{121}^{(00)}$$
$$-m_{101}^{(21)}m_{102}^{(20)}m_{220}^{(11)}+2m_{101}^{(21)}m_{102}^{(20)}m_{130}^{(10)}-m_{101}^{(21)}m_{102}^{(20)}m_{040}^{(00)}+m_{101}^{(21)}m_{102}^{(21)}m_{310}^{(11)}$$
$$-2m_{101}^{(21)}m_{102}^{(21)}m_{220}^{(10)}+m_{101}^{(21)}m_{102}^{(21)}m_{130}^{(00)}-2m_{101}^{(21)}m_{021}^{(00)}m_{220}^{(22)}+2m_{101}^{(21)}m_{021}^{(00)}m_{211}^{(21)}$$

$$+2m_{101}^{(21)}m_{021}^{(00)}m_{121}^{(20)} - 2m_{101}^{(21)}m_{021}^{(00)}m_{112}^{(10)} + 4m_{101}^{(21)}m_{021}^{(10)}m_{310}^{(22)} - 2m_{101}^{(21)}m_{021}^{(10)}m_{301}^{(21)}$$
$$-6m_{101}^{(21)}m_{021}^{(10)}m_{211}^{(20)} + 2m_{101}^{(21)}m_{021}^{(10)}m_{202}^{(10)} + 2m_{101}^{(21)}m_{021}^{(10)}m_{112}^{(00)} - 2m_{101}^{(21)}m_{021}^{(11)}m_{400}^{(22)}$$
$$+4m_{101}^{(21)}m_{021}^{(11)}m_{301}^{(20)} - 2m_{101}^{(21)}m_{021}^{(11)}m_{202}^{(00)} - 2m_{101}^{(21)}m_{021}^{(20)}m_{310}^{(21)} + 2m_{101}^{(21)}m_{021}^{(20)}m_{220}^{(20)}$$
$$+2m_{101}^{(21)}m_{021}^{(20)}m_{211}^{(10)} - 2m_{101}^{(21)}m_{021}^{(20)}m_{121}^{(00)} + 2m_{101}^{(21)}m_{021}^{(21)}m_{400}^{(21)} - 2m_{101}^{(21)}m_{021}^{(21)}m_{310}^{(20)}$$
$$-2m_{101}^{(21)}m_{021}^{(21)}m_{301}^{(10)} + 2m_{101}^{(21)}m_{021}^{(21)}m_{211}^{(00)} + 2m_{101}^{(21)}m_{012}^{(00)}m_{220}^{(21)} - 2m_{101}^{(21)}m_{012}^{(00)}m_{211}^{(11)}$$
$$-2m_{101}^{(21)}m_{012}^{(00)}m_{130}^{(20)} + 2m_{101}^{(21)}m_{012}^{(00)}m_{121}^{(10)} - 4m_{101}^{(21)}m_{012}^{(10)}m_{310}^{(21)} + 2m_{101}^{(21)}m_{012}^{(10)}m_{301}^{(11)}$$
$$+4m_{101}^{(21)}m_{012}^{(10)}m_{220}^{(20)} - 2m_{101}^{(21)}m_{012}^{(10)}m_{121}^{(00)} + 2m_{101}^{(21)}m_{012}^{(11)}m_{400}^{(21)} - 2m_{101}^{(21)}m_{012}^{(11)}m_{310}^{(20)}$$
$$-2m_{101}^{(21)}m_{012}^{(11)}m_{301}^{(10)} + 2m_{101}^{(21)}m_{012}^{(11)}m_{211}^{(00)} + 2m_{101}^{(21)}m_{012}^{(20)}m_{310}^{(11)} - 4m_{101}^{(21)}m_{012}^{(20)}m_{220}^{(10)}$$
$$+2m_{101}^{(21)}m_{012}^{(20)}m_{130}^{(00)} - 2m_{101}^{(21)}m_{012}^{(21)}m_{400}^{(11)} + 4m_{101}^{(21)}m_{012}^{(21)}m_{310}^{(10)} - 2m_{101}^{(21)}m_{012}^{(21)}m_{220}^{(00)}$$
$$+m_{101}^{(22)}m_{210}^{(00)}m_{040}^{(22)} - 2m_{101}^{(22)}m_{210}^{(00)}m_{031}^{(21)} + m_{101}^{(22)}m_{210}^{(00)}m_{022}^{(11)} - 2m_{101}^{(22)}m_{210}^{(10)}m_{130}^{(22)}$$
$$+3m_{101}^{(22)}m_{210}^{(10)}m_{121}^{(21)} - m_{101}^{(22)}m_{210}^{(10)}m_{112}^{(11)} + m_{101}^{(22)}m_{210}^{(10)}m_{031}^{(20)} - m_{101}^{(22)}m_{210}^{(10)}m_{022}^{(10)}$$
$$+m_{101}^{(22)}m_{210}^{(11)}m_{220}^{(22)} - m_{101}^{(22)}m_{210}^{(11)}m_{211}^{(21)} - m_{101}^{(22)}m_{210}^{(11)}m_{121}^{(20)} + m_{101}^{(22)}m_{210}^{(11)}m_{112}^{(10)}$$
$$+m_{101}^{(22)}m_{210}^{(20)}m_{130}^{(21)} - m_{101}^{(22)}m_{210}^{(20)}m_{121}^{(11)} - m_{101}^{(22)}m_{210}^{(20)}m_{040}^{(20)} + m_{101}^{(22)}m_{210}^{(20)}m_{031}^{(10)}$$
$$-m_{101}^{(22)}m_{210}^{(21)}m_{220}^{(21)} + m_{101}^{(22)}m_{210}^{(21)}m_{211}^{(11)} + m_{101}^{(22)}m_{210}^{(21)}m_{130}^{(20)} - m_{101}^{(22)}m_{210}^{(21)}m_{121}^{(10)}$$
$$-2m_{101}^{(22)}m_{120}^{(00)}m_{130}^{(22)} + 3m_{101}^{(22)}m_{120}^{(00)}m_{121}^{(21)} - m_{101}^{(22)}m_{120}^{(00)}m_{112}^{(11)} + m_{101}^{(22)}m_{120}^{(00)}m_{031}^{(20)}$$
$$-m_{101}^{(22)}m_{120}^{(00)}m_{022}^{(10)} + 4m_{101}^{(22)}m_{120}^{(10)}m_{220}^{(22)} - 4m_{101}^{(22)}m_{120}^{(10)}m_{211}^{(21)} + m_{101}^{(22)}m_{120}^{(10)}m_{202}^{(11)}$$
$$-4m_{101}^{(22)}m_{120}^{(10)}m_{121}^{(20)} + 2m_{101}^{(22)}m_{120}^{(10)}m_{112}^{(10)} + m_{101}^{(22)}m_{120}^{(10)}m_{022}^{(00)} - 2m_{101}^{(22)}m_{120}^{(11)}m_{310}^{(22)}$$
$$+m_{101}^{(22)}m_{120}^{(11)}m_{301}^{(21)} + 3m_{101}^{(22)}m_{120}^{(11)}m_{211}^{(20)} - m_{101}^{(22)}m_{120}^{(11)}m_{202}^{(10)} - m_{101}^{(22)}m_{120}^{(11)}m_{112}^{(00)}$$
$$-2m_{101}^{(22)}m_{120}^{(20)}m_{220}^{(21)} + m_{101}^{(22)}m_{120}^{(20)}m_{211}^{(11)} + 2m_{101}^{(22)}m_{120}^{(20)}m_{130}^{(20)} - m_{101}^{(22)}m_{120}^{(20)}m_{031}^{(00)}$$
$$+2m_{101}^{(22)}m_{120}^{(21)}m_{310}^{(21)} - m_{101}^{(22)}m_{120}^{(21)}m_{301}^{(11)} - 2m_{101}^{(22)}m_{120}^{(21)}m_{220}^{(20)} + m_{101}^{(22)}m_{120}^{(21)}m_{121}^{(00)}$$
$$+m_{101}^{(22)}m_{111}^{(00)}m_{130}^{(21)} - m_{101}^{(22)}m_{111}^{(00)}m_{121}^{(11)} - m_{101}^{(22)}m_{111}^{(00)}m_{040}^{(20)} + m_{101}^{(22)}m_{111}^{(00)}m_{031}^{(10)}$$
$$-2m_{101}^{(22)}m_{111}^{(10)}m_{220}^{(21)} + m_{101}^{(22)}m_{111}^{(10)}m_{211}^{(11)} + 2m_{101}^{(22)}m_{111}^{(10)}m_{130}^{(20)} - m_{101}^{(22)}m_{111}^{(10)}m_{031}^{(00)}$$
$$+m_{101}^{(22)}m_{111}^{(11)}m_{310}^{(21)} - m_{101}^{(22)}m_{111}^{(11)}m_{220}^{(20)} - m_{101}^{(22)}m_{111}^{(11)}m_{211}^{(10)} + m_{101}^{(22)}m_{111}^{(11)}m_{121}^{(00)}$$
$$+m_{101}^{(22)}m_{111}^{(20)}m_{220}^{(11)} - 2m_{101}^{(22)}m_{111}^{(20)}m_{130}^{(10)} + m_{101}^{(22)}m_{111}^{(20)}m_{040}^{(00)} - m_{101}^{(22)}m_{111}^{(21)}m_{310}^{(11)}$$
$$+2m_{101}^{(22)}m_{111}^{(21)}m_{220}^{(10)} - m_{101}^{(22)}m_{111}^{(21)}m_{130}^{(00)} + m_{101}^{(22)}m_{030}^{(00)}m_{220}^{(22)} - m_{101}^{(22)}m_{030}^{(00)}m_{211}^{(21)}$$
$$-m_{101}^{(22)}m_{030}^{(00)}m_{121}^{(20)} + m_{101}^{(22)}m_{030}^{(00)}m_{112}^{(10)} - 2m_{101}^{(22)}m_{030}^{(10)}m_{310}^{(22)} + m_{101}^{(22)}m_{030}^{(10)}m_{301}^{(21)}$$
$$+3m_{101}^{(22)}m_{030}^{(10)}m_{211}^{(20)} - m_{101}^{(22)}m_{030}^{(10)}m_{202}^{(10)} - m_{101}^{(22)}m_{030}^{(10)}m_{112}^{(00)} + m_{101}^{(22)}m_{030}^{(11)}m_{400}^{(22)}$$
$$-2m_{101}^{(22)}m_{030}^{(11)}m_{301}^{(20)} + m_{101}^{(22)}m_{030}^{(11)}m_{202}^{(00)} + m_{101}^{(22)}m_{030}^{(20)}m_{310}^{(21)} - m_{101}^{(22)}m_{030}^{(20)}m_{220}^{(20)}$$
$$-m_{101}^{(22)}m_{030}^{(20)}m_{211}^{(10)} + m_{101}^{(22)}m_{030}^{(20)}m_{121}^{(00)} - m_{101}^{(22)}m_{030}^{(21)}m_{400}^{(21)} + m_{101}^{(22)}m_{030}^{(21)}m_{310}^{(20)}$$
$$+m_{101}^{(22)}m_{030}^{(21)}m_{301}^{(10)} - m_{101}^{(22)}m_{030}^{(21)}m_{211}^{(00)} - m_{101}^{(22)}m_{021}^{(00)}m_{220}^{(21)} + m_{101}^{(22)}m_{021}^{(00)}m_{211}^{(11)}$$
$$+m_{101}^{(22)}m_{021}^{(00)}m_{130}^{(20)} - m_{101}^{(22)}m_{021}^{(00)}m_{121}^{(10)} + 2m_{101}^{(22)}m_{021}^{(10)}m_{310}^{(21)} - m_{101}^{(22)}m_{021}^{(10)}m_{301}^{(11)}$$
$$-2m_{101}^{(22)}m_{021}^{(10)}m_{220}^{(20)} + m_{101}^{(22)}m_{021}^{(10)}m_{121}^{(00)} - m_{101}^{(22)}m_{021}^{(11)}m_{400}^{(21)} + m_{101}^{(22)}m_{021}^{(11)}m_{310}^{(20)}$$
$$+m_{101}^{(22)}m_{021}^{(11)}m_{301}^{(10)} - m_{101}^{(22)}m_{021}^{(11)}m_{211}^{(00)} - m_{101}^{(22)}m_{021}^{(20)}m_{310}^{(11)} + 2m_{101}^{(22)}m_{021}^{(20)}m_{220}^{(10)}$$
$$-m_{101}^{(22)}m_{021}^{(20)}m_{130}^{(00)} + m_{101}^{(22)}m_{021}^{(21)}m_{400}^{(11)} - 2m_{101}^{(22)}m_{021}^{(21)}m_{310}^{(10)} + m_{101}^{(22)}m_{021}^{(21)}m_{220}^{(00)}$$
$$-m_{020}^{(00)}m_{111}^{(00)}m_{022}^{(22)} + 2m_{020}^{(00)}m_{111}^{(00)}m_{013}^{(21)} - m_{020}^{(00)}m_{111}^{(00)}m_{004}^{(11)} + m_{020}^{(00)}m_{111}^{(10)}m_{112}^{(22)}$$
$$-m_{020}^{(00)}m_{111}^{(10)}m_{103}^{(21)} - m_{020}^{(00)}m_{111}^{(10)}m_{013}^{(20)} + m_{020}^{(00)}m_{111}^{(10)}m_{004}^{(10)} + m_{020}^{(00)}m_{111}^{(20)}m_{121}^{(22)}$$
$$-3m_{020}^{(00)}m_{111}^{(20)}m_{112}^{(21)} + 2m_{020}^{(00)}m_{111}^{(20)}m_{103}^{(11)} + m_{020}^{(00)}m_{111}^{(20)}m_{022}^{(20)} - m_{020}^{(00)}m_{111}^{(20)}m_{013}^{(10)}$$
$$-m_{020}^{(00)}m_{111}^{(21)}m_{211}^{(22)} + m_{020}^{(00)}m_{111}^{(21)}m_{202}^{(21)} + m_{020}^{(00)}m_{111}^{(21)}m_{112}^{(20)} - m_{020}^{(00)}m_{111}^{(21)}m_{103}^{(10)}$$

$$
\begin{aligned}
&+m_{020}^{(00)}m_{111}^{(22)}m_{211}^{(21)} - m_{020}^{(00)}m_{111}^{(22)}m_{202}^{(11)} - m_{020}^{(00)}m_{111}^{(22)}m_{121}^{(20)} + m_{020}^{(00)}m_{111}^{(22)}m_{112}^{(10)}\\
&+m_{020}^{(00)}m_{102}^{(00)}m_{031}^{(22)} - 2m_{020}^{(00)}m_{102}^{(00)}m_{022}^{(21)} + m_{020}^{(00)}m_{102}^{(00)}m_{013}^{(11)} - m_{020}^{(00)}m_{102}^{(10)}m_{121}^{(22)}\\
&+m_{020}^{(00)}m_{102}^{(10)}m_{112}^{(21)} + m_{020}^{(00)}m_{102}^{(10)}m_{022}^{(20)} - m_{020}^{(00)}m_{102}^{(10)}m_{013}^{(10)} - m_{020}^{(00)}m_{102}^{(20)}m_{130}^{(22)}\\
&+3m_{020}^{(00)}m_{102}^{(20)}m_{121}^{(21)} - 2m_{020}^{(00)}m_{102}^{(20)}m_{112}^{(11)} - m_{020}^{(00)}m_{102}^{(20)}m_{031}^{(20)} + m_{020}^{(00)}m_{102}^{(20)}m_{022}^{(10)}\\
&+m_{020}^{(00)}m_{102}^{(21)}m_{220}^{(22)} - m_{020}^{(00)}m_{102}^{(21)}m_{211}^{(21)} - m_{020}^{(00)}m_{102}^{(21)}m_{121}^{(20)} + m_{020}^{(00)}m_{102}^{(21)}m_{112}^{(10)}\\
&-m_{020}^{(00)}m_{102}^{(22)}m_{220}^{(21)} + m_{020}^{(00)}m_{102}^{(22)}m_{211}^{(11)} + m_{020}^{(00)}m_{102}^{(22)}m_{130}^{(20)} - m_{020}^{(00)}m_{102}^{(22)}m_{121}^{(10)}\\
&+m_{020}^{(00)}m_{021}^{(00)}m_{112}^{(22)} - m_{020}^{(00)}m_{021}^{(00)}m_{103}^{(21)} - m_{020}^{(00)}m_{021}^{(00)}m_{013}^{(20)} + m_{020}^{(00)}m_{021}^{(00)}m_{004}^{(10)}\\
&-m_{020}^{(00)}m_{021}^{(10)}m_{202}^{(22)} + 2m_{020}^{(00)}m_{021}^{(10)}m_{103}^{(20)} - m_{020}^{(00)}m_{021}^{(10)}m_{004}^{(00)} - m_{020}^{(00)}m_{021}^{(20)}m_{211}^{(22)}\\
&+2m_{020}^{(00)}m_{021}^{(20)}m_{202}^{(21)} - 2m_{020}^{(00)}m_{021}^{(20)}m_{103}^{(10)} + m_{020}^{(00)}m_{021}^{(20)}m_{013}^{(00)} + m_{020}^{(00)}m_{021}^{(21)}m_{301}^{(22)}\\
&-2m_{020}^{(00)}m_{021}^{(21)}m_{202}^{(20)} + m_{020}^{(00)}m_{021}^{(21)}m_{103}^{(00)} - m_{020}^{(00)}m_{021}^{(22)}m_{301}^{(21)} + m_{020}^{(00)}m_{021}^{(22)}m_{211}^{(20)}\\
&+m_{020}^{(00)}m_{021}^{(22)}m_{202}^{(10)} - m_{020}^{(00)}m_{021}^{(22)}m_{112}^{(00)} - m_{020}^{(00)}m_{012}^{(00)}m_{121}^{(22)} + m_{020}^{(00)}m_{012}^{(00)}m_{103}^{(11)}\\
&+2m_{020}^{(00)}m_{012}^{(00)}m_{022}^{(20)} - 2m_{020}^{(00)}m_{012}^{(00)}m_{013}^{(10)} + m_{020}^{(00)}m_{012}^{(10)}m_{211}^{(22)} + m_{020}^{(00)}m_{012}^{(10)}m_{202}^{(21)}\\
&-3m_{020}^{(00)}m_{012}^{(10)}m_{112}^{(20)} - m_{020}^{(00)}m_{012}^{(10)}m_{103}^{(10)} + 2m_{020}^{(00)}m_{012}^{(10)}m_{013}^{(00)} + m_{020}^{(00)}m_{012}^{(20)}m_{220}^{(22)}\\
&-m_{020}^{(00)}m_{012}^{(20)}m_{211}^{(21)} - 2m_{020}^{(00)}m_{012}^{(20)}m_{202}^{(11)} - m_{020}^{(00)}m_{012}^{(20)}m_{121}^{(20)} + 5m_{020}^{(00)}m_{012}^{(20)}m_{112}^{(10)}\\
&-2m_{020}^{(00)}m_{012}^{(20)}m_{022}^{(00)} - m_{020}^{(00)}m_{012}^{(21)}m_{310}^{(22)} - m_{020}^{(00)}m_{012}^{(21)}m_{301}^{(21)} + 3m_{020}^{(00)}m_{012}^{(21)}m_{211}^{(20)}\\
&+m_{020}^{(00)}m_{012}^{(21)}m_{202}^{(10)} - 2m_{020}^{(00)}m_{012}^{(21)}m_{112}^{(00)} + m_{020}^{(00)}m_{012}^{(22)}m_{310}^{(21)} + m_{020}^{(00)}m_{012}^{(22)}m_{301}^{(11)}\\
&-m_{020}^{(00)}m_{012}^{(22)}m_{220}^{(20)} - 3m_{020}^{(00)}m_{012}^{(22)}m_{211}^{(10)} + 2m_{020}^{(00)}m_{012}^{(22)}m_{121}^{(00)} + m_{020}^{(00)}m_{003}^{(00)}m_{121}^{(21)}\\
&-m_{020}^{(00)}m_{003}^{(00)}m_{112}^{(11)} - m_{020}^{(00)}m_{003}^{(00)}m_{031}^{(20)} + m_{020}^{(00)}m_{003}^{(00)}m_{022}^{(10)} - m_{020}^{(00)}m_{003}^{(10)}m_{211}^{(21)}\\
&+m_{020}^{(00)}m_{003}^{(10)}m_{121}^{(20)} + m_{020}^{(00)}m_{003}^{(10)}m_{112}^{(10)} - m_{020}^{(00)}m_{003}^{(10)}m_{022}^{(00)} - m_{020}^{(00)}m_{003}^{(20)}m_{220}^{(21)}\\
&+2m_{020}^{(00)}m_{003}^{(20)}m_{211}^{(11)} + m_{020}^{(00)}m_{003}^{(20)}m_{130}^{(20)} - 3m_{020}^{(00)}m_{003}^{(20)}m_{121}^{(10)} + m_{020}^{(00)}m_{003}^{(20)}m_{031}^{(00)}\\
&+m_{020}^{(00)}m_{003}^{(21)}m_{310}^{(21)} - m_{020}^{(00)}m_{003}^{(21)}m_{220}^{(20)} - m_{020}^{(00)}m_{003}^{(21)}m_{211}^{(10)} + m_{020}^{(00)}m_{003}^{(21)}m_{121}^{(00)}\\
&-m_{020}^{(00)}m_{003}^{(22)}m_{310}^{(11)} + 2m_{020}^{(00)}m_{003}^{(22)}m_{220}^{(10)} - m_{020}^{(00)}m_{003}^{(22)}m_{130}^{(00)} + m_{020}^{(10)}m_{201}^{(00)}m_{022}^{(22)}\\
&-2m_{020}^{(10)}m_{201}^{(00)}m_{013}^{(21)} + m_{020}^{(10)}m_{201}^{(00)}m_{004}^{(11)} - m_{020}^{(10)}m_{201}^{(10)}m_{112}^{(22)} + m_{020}^{(10)}m_{201}^{(10)}m_{103}^{(21)}\\
&+m_{020}^{(10)}m_{201}^{(10)}m_{013}^{(20)} - m_{020}^{(10)}m_{201}^{(10)}m_{004}^{(10)} - m_{020}^{(10)}m_{201}^{(20)}m_{121}^{(22)} + 3m_{020}^{(10)}m_{201}^{(20)}m_{112}^{(21)}\\
&-2m_{020}^{(10)}m_{201}^{(20)}m_{103}^{(11)} - m_{020}^{(10)}m_{201}^{(20)}m_{022}^{(20)} + m_{020}^{(10)}m_{201}^{(20)}m_{013}^{(10)} + m_{020}^{(10)}m_{201}^{(21)}m_{211}^{(22)}\\
&-m_{020}^{(10)}m_{201}^{(21)}m_{202}^{(21)} - m_{020}^{(10)}m_{201}^{(21)}m_{112}^{(20)} + m_{020}^{(10)}m_{201}^{(21)}m_{103}^{(10)} - m_{020}^{(10)}m_{201}^{(22)}m_{211}^{(21)}\\
&+m_{020}^{(10)}m_{201}^{(22)}m_{202}^{(11)} + m_{020}^{(10)}m_{201}^{(22)}m_{121}^{(20)} - m_{020}^{(10)}m_{201}^{(22)}m_{112}^{(10)} - m_{020}^{(10)}m_{111}^{(00)}m_{112}^{(22)}\\
&+m_{020}^{(10)}m_{111}^{(00)}m_{103}^{(21)} + m_{020}^{(10)}m_{111}^{(00)}m_{013}^{(20)} - m_{020}^{(10)}m_{111}^{(00)}m_{004}^{(10)} + m_{020}^{(10)}m_{111}^{(10)}m_{202}^{(22)}\\
&-2m_{020}^{(10)}m_{111}^{(10)}m_{103}^{(20)} + m_{020}^{(10)}m_{111}^{(10)}m_{004}^{(00)} + m_{020}^{(10)}m_{111}^{(20)}m_{211}^{(22)} - 2m_{020}^{(10)}m_{111}^{(20)}m_{202}^{(21)}\\
&+2m_{020}^{(10)}m_{111}^{(20)}m_{103}^{(10)} - m_{020}^{(10)}m_{111}^{(20)}m_{013}^{(00)} - m_{020}^{(10)}m_{111}^{(21)}m_{301}^{(22)} + 2m_{020}^{(10)}m_{111}^{(21)}m_{202}^{(20)}\\
&-m_{020}^{(10)}m_{111}^{(21)}m_{103}^{(00)} + m_{020}^{(10)}m_{111}^{(22)}m_{301}^{(21)} - m_{020}^{(10)}m_{111}^{(22)}m_{211}^{(20)} - m_{020}^{(10)}m_{111}^{(22)}m_{202}^{(10)}\\
&+m_{020}^{(10)}m_{111}^{(22)}m_{112}^{(00)} - m_{020}^{(10)}m_{102}^{(00)}m_{121}^{(22)} + 3m_{020}^{(10)}m_{102}^{(00)}m_{112}^{(21)} - 2m_{020}^{(10)}m_{102}^{(00)}m_{103}^{(11)}\\
&-m_{020}^{(10)}m_{102}^{(00)}m_{022}^{(20)} + m_{020}^{(10)}m_{102}^{(00)}m_{013}^{(10)} + m_{020}^{(10)}m_{102}^{(10)}m_{211}^{(22)} - 2m_{020}^{(10)}m_{102}^{(10)}m_{202}^{(21)}\\
&+2m_{020}^{(10)}m_{102}^{(10)}m_{103}^{(10)} - m_{020}^{(10)}m_{102}^{(10)}m_{013}^{(00)} + m_{020}^{(10)}m_{102}^{(20)}m_{220}^{(22)} - 4m_{020}^{(10)}m_{102}^{(20)}m_{211}^{(21)}\\
&+4m_{020}^{(10)}m_{102}^{(20)}m_{202}^{(11)} + 2m_{020}^{(10)}m_{102}^{(20)}m_{121}^{(20)} - 4m_{020}^{(10)}m_{102}^{(20)}m_{112}^{(10)} + m_{020}^{(10)}m_{102}^{(20)}m_{022}^{(00)}\\
&-m_{020}^{(10)}m_{102}^{(21)}m_{310}^{(22)} + 2m_{020}^{(10)}m_{102}^{(21)}m_{301}^{(21)} - 2m_{020}^{(10)}m_{102}^{(21)}m_{202}^{(10)} + m_{020}^{(10)}m_{102}^{(21)}m_{112}^{(00)}\\
&+m_{020}^{(10)}m_{102}^{(22)}m_{310}^{(21)} - 2m_{020}^{(10)}m_{102}^{(22)}m_{301}^{(11)} - m_{020}^{(10)}m_{102}^{(22)}m_{220}^{(20)} + 3m_{020}^{(10)}m_{102}^{(22)}m_{211}^{(10)}\\
&-m_{020}^{(10)}m_{102}^{(22)}m_{121}^{(00)} + m_{020}^{(10)}m_{012}^{(00)}m_{211}^{(22)} - m_{020}^{(10)}m_{012}^{(00)}m_{202}^{(21)} - m_{020}^{(10)}m_{012}^{(00)}m_{112}^{(20)}
\end{aligned}
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\begin{aligned}
&+m_{020}^{(10)}m_{012}^{(00)}m_{103}^{(10)} - m_{020}^{(10)}m_{012}^{(10)}m_{301}^{(22)} + 2m_{020}^{(10)}m_{012}^{(10)}m_{202}^{(20)} - m_{020}^{(10)}m_{012}^{(10)}m_{103}^{(00)}\\
&-m_{020}^{(10)}m_{012}^{(20)}m_{310}^{(22)} + 2m_{020}^{(10)}m_{012}^{(20)}m_{301}^{(21)} - 2m_{020}^{(10)}m_{012}^{(20)}m_{202}^{(10)} + m_{020}^{(10)}m_{012}^{(20)}m_{112}^{(00)}\\
&+m_{020}^{(10)}m_{012}^{(21)}m_{400}^{(22)} - 2m_{020}^{(10)}m_{012}^{(21)}m_{301}^{(20)} + m_{020}^{(10)}m_{012}^{(21)}m_{202}^{(00)} - m_{020}^{(10)}m_{012}^{(22)}m_{400}^{(21)}\\
&+m_{020}^{(10)}m_{012}^{(22)}m_{310}^{(20)} + m_{020}^{(10)}m_{012}^{(22)}m_{301}^{(10)} - m_{020}^{(10)}m_{012}^{(22)}m_{211}^{(00)} - m_{020}^{(10)}m_{003}^{(00)}m_{211}^{(21)}\\
&+m_{020}^{(10)}m_{003}^{(00)}m_{202}^{(11)} + m_{020}^{(10)}m_{003}^{(00)}m_{121}^{(20)} - m_{020}^{(10)}m_{003}^{(00)}m_{112}^{(10)} + m_{020}^{(10)}m_{003}^{(10)}m_{301}^{(21)}\\
&-m_{020}^{(10)}m_{003}^{(10)}m_{211}^{(20)} - m_{020}^{(10)}m_{003}^{(10)}m_{202}^{(10)} + m_{020}^{(10)}m_{003}^{(10)}m_{112}^{(00)} + m_{020}^{(10)}m_{003}^{(20)}m_{310}^{(21)}\\
&-2m_{020}^{(10)}m_{003}^{(20)}m_{301}^{(11)} - m_{020}^{(10)}m_{003}^{(20)}m_{220}^{(20)} + 3m_{020}^{(10)}m_{003}^{(20)}m_{211}^{(10)} - m_{020}^{(10)}m_{003}^{(20)}m_{121}^{(00)}\\
&-m_{020}^{(10)}m_{003}^{(21)}m_{400}^{(21)} + m_{020}^{(10)}m_{003}^{(21)}m_{310}^{(20)} + m_{020}^{(10)}m_{003}^{(21)}m_{301}^{(10)} - m_{020}^{(10)}m_{003}^{(21)}m_{211}^{(00)}\\
&+m_{020}^{(10)}m_{003}^{(22)}m_{400}^{(11)} - 2m_{020}^{(10)}m_{003}^{(22)}m_{310}^{(10)} + m_{020}^{(10)}m_{003}^{(22)}m_{220}^{(00)} + m_{020}^{(20)}m_{210}^{(00)}m_{022}^{(22)}\\
&-2m_{020}^{(20)}m_{210}^{(00)}m_{013}^{(21)} + m_{020}^{(20)}m_{210}^{(00)}m_{004}^{(11)} - m_{020}^{(20)}m_{210}^{(10)}m_{112}^{(22)} + m_{020}^{(20)}m_{210}^{(10)}m_{103}^{(21)}\\
&+m_{020}^{(20)}m_{210}^{(10)}m_{013}^{(20)} - m_{020}^{(20)}m_{210}^{(10)}m_{004}^{(10)} - m_{020}^{(20)}m_{210}^{(20)}m_{121}^{(22)} + 3m_{020}^{(20)}m_{210}^{(20)}m_{112}^{(21)}\\
&-2m_{020}^{(20)}m_{210}^{(20)}m_{103}^{(11)} - m_{020}^{(20)}m_{210}^{(20)}m_{022}^{(20)} + m_{020}^{(20)}m_{210}^{(20)}m_{013}^{(10)} + m_{020}^{(20)}m_{210}^{(21)}m_{211}^{(22)}\\
&-m_{020}^{(20)}m_{210}^{(21)}m_{202}^{(21)} - m_{020}^{(20)}m_{210}^{(21)}m_{112}^{(20)} + m_{020}^{(20)}m_{210}^{(21)}m_{103}^{(10)} - m_{020}^{(20)}m_{210}^{(22)}m_{211}^{(21)}\\
&+m_{020}^{(20)}m_{210}^{(22)}m_{202}^{(11)} + m_{020}^{(20)}m_{210}^{(22)}m_{121}^{(20)} - m_{020}^{(20)}m_{210}^{(22)}m_{112}^{(10)} - 2m_{020}^{(20)}m_{201}^{(00)}m_{031}^{(22)}\\
&+4m_{020}^{(20)}m_{201}^{(00)}m_{022}^{(21)} - 2m_{020}^{(20)}m_{201}^{(00)}m_{013}^{(11)} + 2m_{020}^{(20)}m_{201}^{(10)}m_{121}^{(22)} - 2m_{020}^{(20)}m_{201}^{(10)}m_{112}^{(21)}\\
&-2m_{020}^{(20)}m_{201}^{(10)}m_{022}^{(20)} + 2m_{020}^{(20)}m_{201}^{(10)}m_{013}^{(10)} + 2m_{020}^{(20)}m_{201}^{(20)}m_{130}^{(22)} - 6m_{020}^{(20)}m_{201}^{(20)}m_{121}^{(21)}\\
&+4m_{020}^{(20)}m_{201}^{(20)}m_{112}^{(11)} + 2m_{020}^{(20)}m_{201}^{(20)}m_{031}^{(20)} - 2m_{020}^{(20)}m_{201}^{(20)}m_{022}^{(10)} - 2m_{020}^{(20)}m_{201}^{(21)}m_{220}^{(22)}\\
&+2m_{020}^{(20)}m_{201}^{(21)}m_{211}^{(21)} + 2m_{020}^{(20)}m_{201}^{(21)}m_{121}^{(20)} - 2m_{020}^{(20)}m_{201}^{(21)}m_{112}^{(10)} + 2m_{020}^{(20)}m_{201}^{(22)}m_{220}^{(21)}\\
&-2m_{020}^{(20)}m_{201}^{(22)}m_{211}^{(11)} - 2m_{020}^{(20)}m_{201}^{(22)}m_{130}^{(20)} + 2m_{020}^{(20)}m_{201}^{(22)}m_{121}^{(10)} - m_{020}^{(20)}m_{120}^{(00)}m_{112}^{(22)}\\
&+m_{020}^{(20)}m_{120}^{(00)}m_{103}^{(21)} + m_{020}^{(20)}m_{120}^{(00)}m_{013}^{(20)} - m_{020}^{(20)}m_{120}^{(00)}m_{004}^{(10)} + m_{020}^{(20)}m_{120}^{(10)}m_{202}^{(22)}\\
&-2m_{020}^{(20)}m_{120}^{(10)}m_{103}^{(20)} + m_{020}^{(20)}m_{120}^{(10)}m_{004}^{(00)} + m_{020}^{(20)}m_{120}^{(20)}m_{211}^{(22)} - 2m_{020}^{(20)}m_{120}^{(20)}m_{202}^{(21)}\\
&+2m_{020}^{(20)}m_{120}^{(20)}m_{103}^{(10)} - m_{020}^{(20)}m_{120}^{(20)}m_{013}^{(00)} - m_{020}^{(20)}m_{120}^{(21)}m_{301}^{(22)} + 2m_{020}^{(20)}m_{120}^{(21)}m_{202}^{(20)}\\
&-m_{020}^{(20)}m_{120}^{(21)}m_{103}^{(00)} + m_{020}^{(20)}m_{120}^{(22)}m_{301}^{(21)} - m_{020}^{(20)}m_{120}^{(22)}m_{211}^{(20)} - m_{020}^{(20)}m_{120}^{(22)}m_{202}^{(10)}\\
&+m_{020}^{(20)}m_{120}^{(22)}m_{112}^{(00)} + 3m_{020}^{(20)}m_{111}^{(00)}m_{121}^{(22)} - 3m_{020}^{(20)}m_{111}^{(00)}m_{112}^{(21)} - 3m_{020}^{(20)}m_{111}^{(00)}m_{022}^{(20)}\\
&+3m_{020}^{(20)}m_{111}^{(00)}m_{013}^{(10)} - 3m_{020}^{(20)}m_{111}^{(10)}m_{211}^{(22)} + 6m_{020}^{(20)}m_{111}^{(10)}m_{112}^{(20)} - 3m_{020}^{(20)}m_{111}^{(10)}m_{013}^{(00)}\\
&-3m_{020}^{(20)}m_{111}^{(20)}m_{220}^{(22)} + 6m_{020}^{(20)}m_{111}^{(20)}m_{211}^{(21)} - 6m_{020}^{(20)}m_{111}^{(20)}m_{112}^{(10)} + 3m_{020}^{(20)}m_{111}^{(20)}m_{022}^{(00)}\\
&+3m_{020}^{(20)}m_{111}^{(21)}m_{310}^{(22)} - 6m_{020}^{(20)}m_{111}^{(21)}m_{211}^{(20)} + 3m_{020}^{(20)}m_{111}^{(21)}m_{112}^{(00)} - 3m_{020}^{(20)}m_{111}^{(22)}m_{310}^{(21)}\\
&+3m_{020}^{(20)}m_{111}^{(22)}m_{220}^{(20)} + 3m_{020}^{(20)}m_{111}^{(22)}m_{211}^{(10)} - 3m_{020}^{(20)}m_{111}^{(22)}m_{121}^{(00)} - 2m_{020}^{(20)}m_{102}^{(00)}m_{121}^{(21)}\\
&+2m_{020}^{(20)}m_{102}^{(00)}m_{112}^{(11)} + 2m_{020}^{(20)}m_{102}^{(00)}m_{031}^{(20)} - 2m_{020}^{(20)}m_{102}^{(00)}m_{022}^{(10)} + 2m_{020}^{(20)}m_{102}^{(10)}m_{121}^{(21)}\\
&-2m_{020}^{(20)}m_{102}^{(10)}m_{121}^{(20)} - 2m_{020}^{(20)}m_{102}^{(10)}m_{112}^{(10)} + 2m_{020}^{(20)}m_{102}^{(10)}m_{022}^{(00)} + 2m_{020}^{(20)}m_{102}^{(20)}m_{121}^{(21)}\\
&-4m_{020}^{(20)}m_{102}^{(20)}m_{211}^{(11)} - 2m_{020}^{(20)}m_{102}^{(20)}m_{130}^{(20)} + 6m_{020}^{(20)}m_{102}^{(20)}m_{121}^{(10)} - 2m_{020}^{(20)}m_{102}^{(20)}m_{031}^{(00)}\\
&-2m_{020}^{(20)}m_{102}^{(21)}m_{310}^{(21)} + 2m_{020}^{(20)}m_{102}^{(21)}m_{220}^{(20)} + 2m_{020}^{(20)}m_{102}^{(21)}m_{211}^{(10)} - 2m_{020}^{(20)}m_{102}^{(21)}m_{121}^{(00)}\\
&+2m_{020}^{(20)}m_{102}^{(22)}m_{310}^{(11)} - 4m_{020}^{(20)}m_{102}^{(22)}m_{220}^{(10)} + 2m_{020}^{(20)}m_{102}^{(22)}m_{130}^{(00)} - m_{020}^{(20)}m_{021}^{(00)}m_{211}^{(22)}\\
&+m_{020}^{(20)}m_{021}^{(00)}m_{202}^{(21)} + m_{020}^{(20)}m_{021}^{(00)}m_{112}^{(20)} - m_{020}^{(20)}m_{021}^{(00)}m_{103}^{(10)} + m_{020}^{(20)}m_{021}^{(10)}m_{301}^{(22)}\\
&-2m_{020}^{(20)}m_{021}^{(10)}m_{202}^{(20)} + m_{020}^{(20)}m_{021}^{(10)}m_{103}^{(00)} + m_{020}^{(20)}m_{021}^{(20)}m_{310}^{(22)} - 2m_{020}^{(20)}m_{021}^{(20)}m_{301}^{(21)}\\
&+2m_{020}^{(20)}m_{021}^{(20)}m_{202}^{(10)} - m_{020}^{(20)}m_{021}^{(20)}m_{112}^{(00)} - m_{020}^{(20)}m_{021}^{(21)}m_{400}^{(22)} + 2m_{020}^{(20)}m_{021}^{(21)}m_{301}^{(20)}\\
&-m_{020}^{(20)}m_{021}^{(21)}m_{202}^{(00)} + m_{020}^{(20)}m_{021}^{(22)}m_{400}^{(21)} - m_{020}^{(20)}m_{021}^{(22)}m_{310}^{(20)} - m_{020}^{(20)}m_{021}^{(22)}m_{301}^{(10)}\\
&+m_{020}^{(20)}m_{021}^{(22)}m_{211}^{(00)} + m_{020}^{(20)}m_{012}^{(00)}m_{211}^{(21)} - m_{020}^{(20)}m_{012}^{(00)}m_{202}^{(11)} - m_{020}^{(20)}m_{012}^{(00)}m_{121}^{(20)}
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\begin{aligned}
&+m_{020}^{(20)}m_{012}^{(00)}m_{112}^{(10)} - m_{020}^{(20)}m_{012}^{(10)}m_{301}^{(21)} + m_{020}^{(20)}m_{012}^{(10)}m_{211}^{(20)} + m_{020}^{(20)}m_{012}^{(10)}m_{202}^{(10)}\\
&-m_{020}^{(20)}m_{012}^{(10)}m_{112}^{(00)} - m_{020}^{(20)}m_{012}^{(20)}m_{310}^{(21)} + 2m_{020}^{(20)}m_{012}^{(20)}m_{301}^{(11)} + m_{020}^{(20)}m_{012}^{(20)}m_{220}^{(20)}\\
&-3m_{020}^{(20)}m_{012}^{(20)}m_{211}^{(10)} + m_{020}^{(20)}m_{012}^{(20)}m_{121}^{(00)} + m_{020}^{(20)}m_{012}^{(21)}m_{400}^{(21)} - m_{020}^{(20)}m_{012}^{(21)}m_{310}^{(20)}\\
&-m_{020}^{(20)}m_{012}^{(21)}m_{301}^{(10)} + m_{020}^{(20)}m_{012}^{(21)}m_{211}^{(00)} - m_{020}^{(20)}m_{012}^{(22)}m_{400}^{(11)} + 2m_{020}^{(20)}m_{012}^{(22)}m_{310}^{(10)}\\
&-m_{020}^{(20)}m_{012}^{(22)}m_{220}^{(00)} - m_{020}^{(21)}m_{300}^{(00)}m_{022}^{(22)} + 2m_{020}^{(21)}m_{300}^{(00)}m_{013}^{(21)} - m_{020}^{(21)}m_{300}^{(00)}m_{004}^{(11)}\\
&+m_{020}^{(21)}m_{300}^{(10)}m_{112}^{(22)} - m_{020}^{(21)}m_{300}^{(10)}m_{103}^{(21)} - m_{020}^{(21)}m_{300}^{(10)}m_{013}^{(20)} + m_{020}^{(21)}m_{300}^{(10)}m_{004}^{(10)}\\
&+m_{020}^{(21)}m_{300}^{(20)}m_{121}^{(22)} - 3m_{020}^{(21)}m_{300}^{(20)}m_{112}^{(21)} + 2m_{020}^{(21)}m_{300}^{(20)}m_{103}^{(11)} + m_{020}^{(21)}m_{300}^{(20)}m_{022}^{(20)}\\
&-m_{020}^{(21)}m_{300}^{(20)}m_{013}^{(10)} - m_{020}^{(21)}m_{300}^{(21)}m_{211}^{(22)} + m_{020}^{(21)}m_{300}^{(21)}m_{202}^{(21)} + m_{020}^{(21)}m_{300}^{(21)}m_{112}^{(20)}\\
&-m_{020}^{(21)}m_{300}^{(21)}m_{103}^{(10)} + m_{020}^{(21)}m_{300}^{(22)}m_{211}^{(21)} - m_{020}^{(21)}m_{300}^{(22)}m_{202}^{(11)} - m_{020}^{(21)}m_{300}^{(22)}m_{121}^{(20)}\\
&+m_{020}^{(21)}m_{300}^{(22)}m_{112}^{(10)} + m_{020}^{(21)}m_{210}^{(00)}m_{112}^{(22)} - m_{020}^{(21)}m_{210}^{(00)}m_{103}^{(21)} - m_{020}^{(21)}m_{210}^{(00)}m_{013}^{(20)}\\
&+m_{020}^{(21)}m_{210}^{(00)}m_{004}^{(10)} - m_{020}^{(21)}m_{210}^{(10)}m_{202}^{(22)} + 2m_{020}^{(21)}m_{210}^{(10)}m_{103}^{(20)} - m_{020}^{(21)}m_{210}^{(10)}m_{004}^{(00)}\\
&-m_{020}^{(21)}m_{210}^{(20)}m_{211}^{(22)} + 2m_{020}^{(21)}m_{210}^{(20)}m_{202}^{(21)} - 2m_{020}^{(21)}m_{210}^{(20)}m_{103}^{(10)} + m_{020}^{(21)}m_{210}^{(20)}m_{013}^{(00)}\\
&+m_{020}^{(21)}m_{210}^{(21)}m_{301}^{(22)} - 2m_{020}^{(21)}m_{210}^{(21)}m_{202}^{(20)} + m_{020}^{(21)}m_{210}^{(21)}m_{103}^{(00)} - m_{020}^{(21)}m_{210}^{(22)}m_{301}^{(21)}\\
&+m_{020}^{(21)}m_{210}^{(22)}m_{211}^{(20)} + m_{020}^{(21)}m_{210}^{(22)}m_{202}^{(10)} - m_{020}^{(21)}m_{210}^{(22)}m_{112}^{(00)} + m_{020}^{(21)}m_{201}^{(00)}m_{121}^{(22)}\\
&-3m_{020}^{(21)}m_{201}^{(00)}m_{112}^{(21)} + 2m_{020}^{(21)}m_{201}^{(00)}m_{103}^{(11)} + m_{020}^{(21)}m_{201}^{(00)}m_{022}^{(20)} - m_{020}^{(21)}m_{201}^{(00)}m_{013}^{(10)}\\
&-m_{020}^{(21)}m_{201}^{(10)}m_{211}^{(22)} + 2m_{020}^{(21)}m_{201}^{(10)}m_{202}^{(21)} - 2m_{020}^{(21)}m_{201}^{(10)}m_{103}^{(10)} + m_{020}^{(21)}m_{201}^{(10)}m_{013}^{(00)}\\
&-m_{020}^{(21)}m_{201}^{(20)}m_{220}^{(22)} + 4m_{020}^{(21)}m_{201}^{(20)}m_{211}^{(21)} - 4m_{020}^{(21)}m_{201}^{(20)}m_{202}^{(11)} - 2m_{020}^{(21)}m_{201}^{(20)}m_{121}^{(20)}\\
&+4m_{020}^{(21)}m_{201}^{(20)}m_{112}^{(10)} - m_{020}^{(21)}m_{201}^{(20)}m_{022}^{(00)} + m_{020}^{(21)}m_{201}^{(21)}m_{310}^{(22)} - 2m_{020}^{(21)}m_{201}^{(21)}m_{301}^{(21)}\\
&+2m_{020}^{(21)}m_{201}^{(21)}m_{202}^{(10)} - m_{020}^{(21)}m_{201}^{(21)}m_{112}^{(00)} - m_{020}^{(21)}m_{201}^{(22)}m_{310}^{(21)} + 2m_{020}^{(21)}m_{201}^{(22)}m_{301}^{(11)}\\
&+m_{020}^{(21)}m_{201}^{(22)}m_{220}^{(20)} - 3m_{020}^{(21)}m_{201}^{(22)}m_{211}^{(10)} + m_{020}^{(21)}m_{201}^{(22)}m_{121}^{(00)} - m_{020}^{(21)}m_{111}^{(00)}m_{211}^{(22)}\\
&+m_{020}^{(21)}m_{111}^{(00)}m_{202}^{(21)} + m_{020}^{(21)}m_{111}^{(00)}m_{112}^{(20)} - m_{020}^{(21)}m_{111}^{(00)}m_{103}^{(10)} + m_{020}^{(21)}m_{111}^{(10)}m_{301}^{(22)}\\
&-2m_{020}^{(21)}m_{111}^{(10)}m_{202}^{(20)} + m_{020}^{(21)}m_{111}^{(10)}m_{103}^{(00)} + m_{020}^{(21)}m_{111}^{(20)}m_{310}^{(22)} - 2m_{020}^{(21)}m_{111}^{(20)}m_{301}^{(21)}\\
&+2m_{020}^{(21)}m_{111}^{(20)}m_{202}^{(10)} - m_{020}^{(21)}m_{111}^{(20)}m_{112}^{(00)} - m_{020}^{(21)}m_{111}^{(21)}m_{400}^{(22)} + 2m_{020}^{(21)}m_{111}^{(21)}m_{301}^{(20)}\\
&-m_{020}^{(21)}m_{111}^{(21)}m_{202}^{(00)} + m_{020}^{(21)}m_{111}^{(22)}m_{310}^{(21)} - m_{020}^{(21)}m_{111}^{(22)}m_{301}^{(10)} - m_{020}^{(21)}m_{111}^{(22)}m_{211}^{(00)}\\
&+m_{020}^{(21)}m_{102}^{(00)}m_{211}^{(21)} - m_{020}^{(21)}m_{102}^{(00)}m_{202}^{(11)} - m_{020}^{(21)}m_{102}^{(00)}m_{121}^{(20)} + m_{020}^{(21)}m_{102}^{(00)}m_{112}^{(10)}\\
&-m_{020}^{(21)}m_{102}^{(10)}m_{301}^{(21)} + m_{020}^{(21)}m_{102}^{(10)}m_{211}^{(20)} + m_{020}^{(21)}m_{102}^{(10)}m_{202}^{(10)} - m_{020}^{(21)}m_{102}^{(10)}m_{112}^{(00)}\\
&-m_{020}^{(21)}m_{102}^{(20)}m_{310}^{(21)} + 2m_{020}^{(21)}m_{102}^{(20)}m_{301}^{(11)} + m_{020}^{(21)}m_{102}^{(20)}m_{220}^{(20)} - 3m_{020}^{(21)}m_{102}^{(20)}m_{211}^{(10)}\\
&+m_{020}^{(21)}m_{102}^{(20)}m_{121}^{(00)} + m_{020}^{(21)}m_{102}^{(21)}m_{400}^{(21)} - m_{020}^{(21)}m_{102}^{(21)}m_{310}^{(20)} - m_{020}^{(21)}m_{102}^{(21)}m_{301}^{(10)}\\
&+m_{020}^{(21)}m_{102}^{(21)}m_{211}^{(00)} - m_{020}^{(21)}m_{102}^{(22)}m_{400}^{(11)} + 2m_{020}^{(21)}m_{102}^{(22)}m_{310}^{(10)} - m_{020}^{(21)}m_{102}^{(22)}m_{220}^{(00)}\\
&+m_{020}^{(22)}m_{300}^{(00)}m_{031}^{(22)} - 2m_{020}^{(22)}m_{300}^{(00)}m_{022}^{(21)} + m_{020}^{(22)}m_{300}^{(00)}m_{013}^{(11)} - m_{020}^{(22)}m_{300}^{(10)}m_{121}^{(22)}\\
&+m_{020}^{(22)}m_{300}^{(10)}m_{112}^{(21)} + m_{020}^{(22)}m_{300}^{(10)}m_{022}^{(20)} - m_{020}^{(22)}m_{300}^{(10)}m_{013}^{(10)} - m_{020}^{(22)}m_{300}^{(20)}m_{130}^{(22)}\\
&+3m_{020}^{(22)}m_{300}^{(20)}m_{121}^{(21)} - 2m_{020}^{(22)}m_{300}^{(20)}m_{112}^{(11)} - m_{020}^{(22)}m_{300}^{(20)}m_{031}^{(20)} + m_{020}^{(22)}m_{300}^{(20)}m_{022}^{(10)}\\
&+m_{020}^{(22)}m_{300}^{(21)}m_{220}^{(22)} - m_{020}^{(22)}m_{300}^{(21)}m_{211}^{(21)} - m_{020}^{(22)}m_{300}^{(21)}m_{121}^{(20)} + m_{020}^{(22)}m_{300}^{(21)}m_{112}^{(10)}\\
&-m_{020}^{(22)}m_{300}^{(22)}m_{220}^{(21)} + m_{020}^{(22)}m_{300}^{(22)}m_{211}^{(11)} + m_{020}^{(22)}m_{300}^{(22)}m_{130}^{(20)} - m_{020}^{(22)}m_{300}^{(22)}m_{121}^{(10)}\\
&-2m_{020}^{(22)}m_{210}^{(00)}m_{121}^{(22)} + 3m_{020}^{(22)}m_{210}^{(00)}m_{112}^{(21)} - m_{020}^{(22)}m_{210}^{(00)}m_{103}^{(11)} + m_{020}^{(22)}m_{210}^{(00)}m_{022}^{(20)}\\
&-m_{020}^{(22)}m_{210}^{(00)}m_{013}^{(10)} + 2m_{020}^{(22)}m_{210}^{(10)}m_{211}^{(22)} - m_{020}^{(22)}m_{210}^{(10)}m_{202}^{(21)} - 3m_{020}^{(22)}m_{210}^{(10)}m_{112}^{(20)}\\
&+m_{020}^{(22)}m_{210}^{(10)}m_{103}^{(10)} + m_{020}^{(22)}m_{210}^{(10)}m_{013}^{(00)} + 2m_{020}^{(22)}m_{210}^{(20)}m_{220}^{(22)} - 5m_{020}^{(22)}m_{210}^{(20)}m_{211}^{(21)}\\
&+2m_{020}^{(22)}m_{210}^{(20)}m_{202}^{(11)} + m_{020}^{(22)}m_{210}^{(20)}m_{121}^{(20)} + m_{020}^{(22)}m_{210}^{(20)}m_{112}^{(10)}
\end{aligned}
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\begin{aligned}
&-m_{020}^{(22)}m_{210}^{(20)}m_{022}^{(00)} - 2m_{020}^{(22)}m_{210}^{(21)}m_{310}^{(22)} + m_{020}^{(22)}m_{210}^{(21)}m_{301}^{(21)} + 3m_{020}^{(22)}m_{210}^{(21)}m_{211}^{(20)}\\
&-m_{020}^{(22)}m_{210}^{(21)}m_{202}^{(10)} - m_{020}^{(22)}m_{210}^{(21)}m_{112}^{(00)} + 2m_{020}^{(22)}m_{210}^{(22)}m_{310}^{(21)} - m_{020}^{(22)}m_{210}^{(22)}m_{301}^{(11)}\\
&-2m_{020}^{(22)}m_{210}^{(22)}m_{220}^{(20)} + m_{020}^{(22)}m_{210}^{(22)}m_{121}^{(00)} + m_{020}^{(22)}m_{201}^{(00)}m_{121}^{(21)} - m_{020}^{(22)}m_{201}^{(00)}m_{112}^{(11)}\\
&-m_{020}^{(22)}m_{201}^{(00)}m_{031}^{(20)} + m_{020}^{(22)}m_{201}^{(00)}m_{022}^{(10)} - m_{020}^{(22)}m_{201}^{(10)}m_{211}^{(21)} + m_{020}^{(22)}m_{201}^{(10)}m_{121}^{(20)}\\
&+m_{020}^{(22)}m_{201}^{(10)}m_{112}^{(10)} - m_{020}^{(22)}m_{201}^{(10)}m_{022}^{(00)} - m_{020}^{(22)}m_{201}^{(20)}m_{220}^{(21)} + 2m_{020}^{(22)}m_{201}^{(20)}m_{211}^{(11)}\\
&+m_{020}^{(22)}m_{201}^{(20)}m_{130}^{(20)} - 3m_{020}^{(22)}m_{201}^{(20)}m_{121}^{(10)} + m_{020}^{(22)}m_{201}^{(20)}m_{031}^{(00)} + m_{020}^{(22)}m_{201}^{(21)}m_{310}^{(21)}\\
&-m_{020}^{(22)}m_{201}^{(21)}m_{220}^{(20)} - m_{020}^{(22)}m_{201}^{(21)}m_{211}^{(10)} + m_{020}^{(22)}m_{201}^{(21)}m_{121}^{(00)} - m_{020}^{(22)}m_{201}^{(22)}m_{310}^{(11)}\\
&+2m_{020}^{(22)}m_{201}^{(22)}m_{220}^{(10)} - m_{020}^{(22)}m_{201}^{(22)}m_{130}^{(00)} + m_{020}^{(22)}m_{120}^{(00)}m_{211}^{(22)} - m_{020}^{(22)}m_{120}^{(00)}m_{202}^{(21)}\\
&-m_{020}^{(22)}m_{120}^{(00)}m_{112}^{(20)} + m_{020}^{(22)}m_{120}^{(00)}m_{103}^{(10)} - m_{020}^{(22)}m_{120}^{(10)}m_{301}^{(22)} + 2m_{020}^{(22)}m_{120}^{(10)}m_{202}^{(20)}\\
&-m_{020}^{(22)}m_{120}^{(10)}m_{103}^{(00)} - m_{020}^{(22)}m_{120}^{(20)}m_{310}^{(22)} + 2m_{020}^{(22)}m_{120}^{(20)}m_{301}^{(21)} - 2m_{020}^{(22)}m_{120}^{(20)}m_{202}^{(10)}\\
&+m_{020}^{(22)}m_{120}^{(20)}m_{112}^{(00)} + m_{020}^{(22)}m_{120}^{(21)}m_{400}^{(22)} - 2m_{020}^{(22)}m_{120}^{(21)}m_{301}^{(20)} + m_{020}^{(22)}m_{120}^{(21)}m_{202}^{(00)}\\
&-m_{020}^{(22)}m_{120}^{(22)}m_{400}^{(21)} + m_{020}^{(22)}m_{120}^{(22)}m_{310}^{(20)} + m_{020}^{(22)}m_{120}^{(22)}m_{301}^{(10)} - m_{020}^{(22)}m_{120}^{(22)}m_{211}^{(00)}\\
&-m_{020}^{(22)}m_{111}^{(00)}m_{211}^{(21)} + m_{020}^{(22)}m_{111}^{(00)}m_{202}^{(11)} + m_{020}^{(22)}m_{111}^{(00)}m_{121}^{(20)} - m_{020}^{(22)}m_{111}^{(00)}m_{112}^{(10)}\\
&+m_{020}^{(22)}m_{111}^{(10)}m_{301}^{(21)} - m_{020}^{(22)}m_{111}^{(10)}m_{211}^{(20)} - m_{020}^{(22)}m_{111}^{(10)}m_{202}^{(10)} + m_{020}^{(22)}m_{111}^{(10)}m_{112}^{(00)}\\
&+m_{020}^{(22)}m_{111}^{(20)}m_{310}^{(21)} - 2m_{020}^{(22)}m_{111}^{(20)}m_{301}^{(11)} - m_{020}^{(22)}m_{111}^{(20)}m_{220}^{(20)} + 3m_{020}^{(22)}m_{111}^{(20)}m_{211}^{(10)}\\
&-m_{020}^{(22)}m_{111}^{(20)}m_{121}^{(00)} - m_{020}^{(22)}m_{111}^{(21)}m_{400}^{(21)} + m_{020}^{(22)}m_{111}^{(21)}m_{310}^{(20)} + m_{020}^{(22)}m_{111}^{(21)}m_{301}^{(10)}\\
&-m_{020}^{(22)}m_{111}^{(21)}m_{211}^{(00)} + m_{020}^{(22)}m_{111}^{(22)}m_{400}^{(11)} - 2m_{020}^{(22)}m_{111}^{(22)}m_{310}^{(10)} + m_{020}^{(22)}m_{111}^{(22)}m_{220}^{(00)}\\
&+m_{011}^{(00)}m_{120}^{(00)}m_{022}^{(22)} - 2m_{011}^{(00)}m_{120}^{(00)}m_{013}^{(21)} + m_{011}^{(00)}m_{120}^{(00)}m_{004}^{(11)} - m_{011}^{(00)}m_{120}^{(10)}m_{112}^{(22)}\\
&+m_{011}^{(00)}m_{120}^{(10)}m_{103}^{(21)} + m_{011}^{(00)}m_{120}^{(10)}m_{013}^{(20)} - m_{011}^{(00)}m_{120}^{(10)}m_{004}^{(10)} - m_{011}^{(00)}m_{120}^{(20)}m_{121}^{(22)}\\
&+3m_{011}^{(00)}m_{120}^{(20)}m_{112}^{(21)} - 2m_{011}^{(00)}m_{120}^{(20)}m_{103}^{(11)} - m_{011}^{(00)}m_{120}^{(20)}m_{022}^{(20)} + m_{011}^{(00)}m_{120}^{(20)}m_{013}^{(10)}\\
&+m_{011}^{(00)}m_{120}^{(21)}m_{211}^{(22)} - m_{011}^{(00)}m_{120}^{(21)}m_{202}^{(21)} - m_{011}^{(00)}m_{120}^{(21)}m_{112}^{(20)} + m_{011}^{(00)}m_{120}^{(21)}m_{103}^{(10)}\\
&-m_{011}^{(00)}m_{120}^{(22)}m_{211}^{(21)} + m_{011}^{(00)}m_{120}^{(22)}m_{202}^{(11)} + m_{011}^{(00)}m_{120}^{(22)}m_{121}^{(20)} - m_{011}^{(00)}m_{120}^{(22)}m_{112}^{(10)}\\
&-m_{011}^{(00)}m_{111}^{(10)}m_{121}^{(22)} + 2m_{011}^{(00)}m_{111}^{(10)}m_{112}^{(21)} - m_{011}^{(00)}m_{111}^{(10)}m_{103}^{(11)} + m_{011}^{(00)}m_{111}^{(11)}m_{211}^{(22)}\\
&-m_{011}^{(00)}m_{111}^{(11)}m_{202}^{(21)} - m_{011}^{(00)}m_{111}^{(11)}m_{112}^{(20)} + m_{011}^{(00)}m_{111}^{(11)}m_{103}^{(10)} + m_{011}^{(00)}m_{111}^{(20)}m_{130}^{(22)}\\
&-2m_{011}^{(00)}m_{111}^{(20)}m_{121}^{(21)} + m_{011}^{(00)}m_{111}^{(20)}m_{112}^{(11)} - m_{011}^{(00)}m_{111}^{(21)}m_{220}^{(22)} + m_{011}^{(00)}m_{111}^{(21)}m_{202}^{(11)}\\
&+2m_{011}^{(00)}m_{111}^{(21)}m_{121}^{(20)} - 2m_{011}^{(00)}m_{111}^{(21)}m_{112}^{(10)} + m_{011}^{(00)}m_{111}^{(22)}m_{220}^{(21)} - m_{011}^{(00)}m_{111}^{(22)}m_{211}^{(11)}\\
&-m_{011}^{(00)}m_{111}^{(22)}m_{130}^{(20)} + m_{011}^{(00)}m_{111}^{(22)}m_{121}^{(10)} - m_{011}^{(00)}m_{102}^{(00)}m_{040}^{(22)} + 2m_{011}^{(00)}m_{102}^{(00)}m_{031}^{(21)}\\
&-m_{011}^{(00)}m_{102}^{(00)}m_{022}^{(11)} + 2m_{011}^{(00)}m_{102}^{(10)}m_{130}^{(22)} - 3m_{011}^{(00)}m_{102}^{(10)}m_{121}^{(21)} + m_{011}^{(00)}m_{102}^{(10)}m_{112}^{(11)}\\
&-m_{011}^{(00)}m_{102}^{(10)}m_{031}^{(20)} + m_{011}^{(00)}m_{102}^{(10)}m_{022}^{(10)} - m_{011}^{(00)}m_{102}^{(11)}m_{220}^{(22)} + m_{011}^{(00)}m_{102}^{(11)}m_{211}^{(21)}\\
&+m_{011}^{(00)}m_{102}^{(11)}m_{121}^{(20)} - m_{011}^{(00)}m_{102}^{(11)}m_{112}^{(10)} - m_{011}^{(00)}m_{102}^{(20)}m_{130}^{(21)} + m_{011}^{(00)}m_{102}^{(20)}m_{121}^{(11)}\\
&+m_{011}^{(00)}m_{102}^{(20)}m_{040}^{(20)} - m_{011}^{(00)}m_{102}^{(20)}m_{031}^{(10)} + m_{011}^{(00)}m_{102}^{(21)}m_{220}^{(21)} - m_{011}^{(00)}m_{102}^{(21)}m_{211}^{(11)}\\
&-m_{011}^{(00)}m_{102}^{(21)}m_{130}^{(20)} + m_{011}^{(00)}m_{102}^{(21)}m_{121}^{(10)} - m_{011}^{(00)}m_{030}^{(00)}m_{112}^{(22)} + m_{011}^{(00)}m_{030}^{(00)}m_{103}^{(21)}\\
&+m_{011}^{(00)}m_{030}^{(00)}m_{013}^{(20)} - m_{011}^{(00)}m_{030}^{(00)}m_{004}^{(10)} + m_{011}^{(00)}m_{030}^{(10)}m_{202}^{(22)} - 2m_{011}^{(00)}m_{030}^{(10)}m_{103}^{(20)}\\
&+m_{011}^{(00)}m_{030}^{(10)}m_{004}^{(00)} + m_{011}^{(00)}m_{030}^{(20)}m_{211}^{(22)} - 2m_{011}^{(00)}m_{030}^{(20)}m_{202}^{(21)} + 2m_{011}^{(00)}m_{030}^{(20)}m_{103}^{(10)}\\
&-m_{011}^{(00)}m_{030}^{(20)}m_{013}^{(00)} - m_{011}^{(00)}m_{030}^{(21)}m_{301}^{(22)} + 2m_{011}^{(00)}m_{030}^{(21)}m_{202}^{(20)} - m_{011}^{(00)}m_{030}^{(21)}m_{103}^{(00)}\\
&+m_{011}^{(00)}m_{030}^{(22)}m_{301}^{(21)} - m_{011}^{(00)}m_{030}^{(22)}m_{211}^{(20)} - m_{011}^{(00)}m_{030}^{(22)}m_{202}^{(10)} + m_{011}^{(00)}m_{030}^{(22)}m_{112}^{(00)}\\
&+m_{011}^{(00)}m_{021}^{(00)}m_{112}^{(21)} - m_{011}^{(00)}m_{021}^{(00)}m_{103}^{(11)} - m_{011}^{(00)}m_{021}^{(00)}m_{022}^{(20)} + m_{011}^{(00)}m_{021}^{(00)}m_{013}^{(10)}\\
&+m_{011}^{(00)}m_{021}^{(10)}m_{211}^{(22)} - 2m_{011}^{(00)}m_{021}^{(10)}m_{202}^{(21)} + 2m_{011}^{(00)}m_{021}^{(10)}m_{103}^{(10)} - m_{011}^{(00)}m_{021}^{(10)}m_{013}^{(00)}
\end{aligned}
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\begin{aligned}
&-m_{011}^{(00)}m_{021}^{(11)}m_{301}^{(22)}+2m_{011}^{(00)}m_{021}^{(11)}m_{202}^{(20)}-m_{011}^{(00)}m_{021}^{(11)}m_{103}^{(00)}-m_{011}^{(00)}m_{021}^{(20)}m_{220}^{(22)}\\
&+2m_{011}^{(00)}m_{021}^{(20)}m_{202}^{(11)}+2m_{011}^{(00)}m_{021}^{(20)}m_{121}^{(20)}-4m_{011}^{(00)}m_{021}^{(20)}m_{112}^{(10)}+m_{011}^{(00)}m_{021}^{(20)}m_{022}^{(00)}\\
&+m_{011}^{(00)}m_{021}^{(21)}m_{310}^{(22)}+2m_{011}^{(00)}m_{021}^{(21)}m_{301}^{(21)}-4m_{011}^{(00)}m_{021}^{(21)}m_{211}^{(20)}-2m_{011}^{(00)}m_{021}^{(21)}m_{202}^{(10)}\\
&+3m_{011}^{(00)}m_{021}^{(21)}m_{112}^{(00)}-m_{011}^{(00)}m_{021}^{(22)}m_{310}^{(21)}-m_{011}^{(00)}m_{021}^{(22)}m_{301}^{(11)}+m_{011}^{(00)}m_{021}^{(22)}m_{220}^{(20)}\\
&+3m_{011}^{(00)}m_{021}^{(22)}m_{211}^{(10)}-2m_{011}^{(00)}m_{021}^{(22)}m_{121}^{(00)}+m_{011}^{(00)}m_{012}^{(00)}m_{130}^{(22)}-m_{011}^{(00)}m_{012}^{(00)}m_{121}^{(21)}\\
&-m_{011}^{(00)}m_{012}^{(00)}m_{031}^{(20)}+m_{011}^{(00)}m_{012}^{(00)}m_{022}^{(10)}-2m_{011}^{(00)}m_{012}^{(10)}m_{220}^{(22)}+m_{011}^{(00)}m_{012}^{(10)}m_{202}^{(11)}\\
&+4m_{011}^{(00)}m_{012}^{(10)}m_{121}^{(20)}-2m_{011}^{(00)}m_{012}^{(10)}m_{112}^{(10)}-m_{011}^{(00)}m_{012}^{(10)}m_{022}^{(00)}+m_{011}^{(00)}m_{012}^{(11)}m_{310}^{(22)}\\
&+m_{011}^{(00)}m_{012}^{(11)}m_{301}^{(21)}-3m_{011}^{(00)}m_{012}^{(11)}m_{211}^{(20)}-m_{011}^{(00)}m_{012}^{(11)}m_{202}^{(10)}+2m_{011}^{(00)}m_{012}^{(11)}m_{112}^{(00)}\\
&+2m_{011}^{(00)}m_{012}^{(20)}m_{220}^{(21)}-m_{011}^{(00)}m_{012}^{(20)}m_{211}^{(11)}-2m_{011}^{(00)}m_{012}^{(20)}m_{130}^{(20)}+m_{011}^{(00)}m_{012}^{(20)}m_{031}^{(00)}\\
&-2m_{011}^{(00)}m_{012}^{(21)}m_{310}^{(21)}-m_{011}^{(00)}m_{012}^{(21)}m_{301}^{(11)}+2m_{011}^{(00)}m_{012}^{(21)}m_{220}^{(20)}+4m_{011}^{(00)}m_{012}^{(21)}m_{211}^{(10)}\\
&-3m_{011}^{(00)}m_{012}^{(21)}m_{121}^{(00)}+m_{011}^{(00)}m_{012}^{(22)}m_{310}^{(11)}-2m_{011}^{(00)}m_{012}^{(22)}m_{220}^{(10)}+m_{011}^{(00)}m_{012}^{(22)}m_{130}^{(00)}\\
&-m_{011}^{(00)}m_{003}^{(00)}m_{130}^{(21)}+m_{011}^{(00)}m_{003}^{(00)}m_{121}^{(11)}+m_{011}^{(00)}m_{003}^{(00)}m_{040}^{(20)}-m_{011}^{(00)}m_{003}^{(00)}m_{031}^{(10)}\\
&+2m_{011}^{(00)}m_{003}^{(10)}m_{220}^{(21)}-m_{011}^{(00)}m_{003}^{(10)}m_{211}^{(11)}-2m_{011}^{(00)}m_{003}^{(10)}m_{130}^{(20)}+m_{011}^{(00)}m_{003}^{(10)}m_{031}^{(00)}\\
&-m_{011}^{(00)}m_{003}^{(11)}m_{310}^{(21)}+m_{011}^{(00)}m_{003}^{(11)}m_{220}^{(20)}+m_{011}^{(00)}m_{003}^{(11)}m_{211}^{(10)}-m_{011}^{(00)}m_{003}^{(11)}m_{121}^{(00)}\\
&-m_{011}^{(00)}m_{003}^{(20)}m_{220}^{(11)}+2m_{011}^{(00)}m_{003}^{(20)}m_{130}^{(10)}-m_{011}^{(00)}m_{003}^{(20)}m_{040}^{(00)}+m_{011}^{(00)}m_{003}^{(21)}m_{310}^{(11)}\\
&-2m_{011}^{(00)}m_{003}^{(21)}m_{220}^{(10)}+m_{011}^{(00)}m_{003}^{(21)}m_{130}^{(00)}-2m_{011}^{(10)}m_{210}^{(00)}m_{022}^{(22)}+4m_{011}^{(10)}m_{210}^{(00)}m_{013}^{(21)}\\
&-2m_{011}^{(10)}m_{210}^{(00)}m_{004}^{(11)}+2m_{011}^{(10)}m_{210}^{(10)}m_{112}^{(22)}-2m_{011}^{(10)}m_{210}^{(10)}m_{103}^{(21)}-2m_{011}^{(10)}m_{210}^{(10)}m_{013}^{(20)}\\
&+2m_{011}^{(10)}m_{210}^{(10)}m_{004}^{(10)}+2m_{011}^{(10)}m_{210}^{(20)}m_{121}^{(22)}-6m_{011}^{(10)}m_{210}^{(20)}m_{112}^{(21)}+4m_{011}^{(10)}m_{210}^{(20)}m_{103}^{(11)}\\
&+2m_{011}^{(10)}m_{210}^{(20)}m_{022}^{(20)}-2m_{011}^{(10)}m_{210}^{(20)}m_{013}^{(10)}-2m_{011}^{(10)}m_{210}^{(21)}m_{211}^{(22)}+2m_{011}^{(10)}m_{210}^{(21)}m_{202}^{(21)}\\
&+2m_{011}^{(10)}m_{210}^{(21)}m_{112}^{(20)}-2m_{011}^{(10)}m_{210}^{(21)}m_{103}^{(10)}+2m_{011}^{(10)}m_{210}^{(22)}m_{211}^{(21)}-2m_{011}^{(10)}m_{210}^{(22)}m_{202}^{(11)}\\
&-2m_{011}^{(10)}m_{210}^{(22)}m_{121}^{(20)}+2m_{011}^{(10)}m_{210}^{(22)}m_{112}^{(10)}+m_{011}^{(10)}m_{201}^{(10)}m_{121}^{(22)}-2m_{011}^{(10)}m_{201}^{(10)}m_{112}^{(21)}\\
&+m_{011}^{(10)}m_{201}^{(10)}m_{103}^{(11)}-m_{011}^{(10)}m_{201}^{(11)}m_{211}^{(22)}+m_{011}^{(10)}m_{201}^{(11)}m_{202}^{(21)}+m_{011}^{(10)}m_{201}^{(11)}m_{112}^{(20)}\\
&-m_{011}^{(10)}m_{201}^{(11)}m_{103}^{(10)}-m_{011}^{(10)}m_{201}^{(20)}m_{130}^{(22)}+2m_{011}^{(10)}m_{201}^{(20)}m_{121}^{(21)}-m_{011}^{(10)}m_{201}^{(20)}m_{112}^{(11)}\\
&+m_{011}^{(10)}m_{201}^{(21)}m_{202}^{(22)}-m_{011}^{(10)}m_{201}^{(21)}m_{202}^{(11)}-2m_{011}^{(10)}m_{201}^{(21)}m_{121}^{(20)}+2m_{011}^{(10)}m_{201}^{(21)}m_{112}^{(10)}\\
&-m_{011}^{(10)}m_{201}^{(22)}m_{220}^{(21)}+m_{011}^{(10)}m_{201}^{(22)}m_{211}^{(11)}+m_{011}^{(10)}m_{201}^{(22)}m_{130}^{(20)}-m_{011}^{(10)}m_{201}^{(22)}m_{121}^{(10)}\\
&+2m_{011}^{(10)}m_{120}^{(00)}m_{112}^{(22)}-2m_{011}^{(10)}m_{120}^{(00)}m_{103}^{(21)}-2m_{011}^{(10)}m_{120}^{(00)}m_{013}^{(20)}+2m_{011}^{(10)}m_{120}^{(00)}m_{004}^{(10)}\\
&-2m_{011}^{(10)}m_{120}^{(10)}m_{202}^{(22)}+4m_{011}^{(10)}m_{120}^{(10)}m_{103}^{(20)}-2m_{011}^{(10)}m_{120}^{(10)}m_{004}^{(00)}-2m_{011}^{(10)}m_{120}^{(20)}m_{211}^{(22)}\\
&+4m_{011}^{(10)}m_{120}^{(20)}m_{202}^{(21)}-4m_{011}^{(10)}m_{120}^{(20)}m_{103}^{(10)}+2m_{011}^{(10)}m_{120}^{(20)}m_{013}^{(00)}+2m_{011}^{(10)}m_{120}^{(21)}m_{301}^{(22)}\\
&-4m_{011}^{(10)}m_{120}^{(21)}m_{202}^{(20)}+2m_{011}^{(10)}m_{120}^{(21)}m_{103}^{(00)}-2m_{011}^{(10)}m_{120}^{(22)}m_{301}^{(21)}+2m_{011}^{(10)}m_{120}^{(22)}m_{211}^{(20)}\\
&+2m_{011}^{(10)}m_{120}^{(22)}m_{202}^{(10)}-2m_{011}^{(10)}m_{120}^{(22)}m_{112}^{(00)}+m_{011}^{(10)}m_{111}^{(00)}m_{121}^{(22)}-4m_{011}^{(10)}m_{111}^{(00)}m_{112}^{(21)}\\
&+3m_{011}^{(10)}m_{111}^{(00)}m_{103}^{(11)}+2m_{011}^{(10)}m_{111}^{(00)}m_{022}^{(20)}-2m_{011}^{(10)}m_{111}^{(00)}m_{013}^{(10)}-2m_{011}^{(10)}m_{111}^{(10)}m_{211}^{(22)}\\
&+4m_{011}^{(10)}m_{111}^{(10)}m_{202}^{(21)}-4m_{011}^{(10)}m_{111}^{(10)}m_{103}^{(10)}+2m_{011}^{(10)}m_{111}^{(10)}m_{013}^{(00)}+m_{011}^{(10)}m_{111}^{(11)}m_{301}^{(22)}\\
&-2m_{011}^{(10)}m_{111}^{(11)}m_{202}^{(20)}+m_{011}^{(10)}m_{111}^{(11)}m_{103}^{(00)}+4m_{011}^{(10)}m_{111}^{(20)}m_{211}^{(21)}-6m_{011}^{(10)}m_{111}^{(20)}m_{202}^{(11)}\\
&-4m_{011}^{(10)}m_{111}^{(20)}m_{121}^{(20)}+8m_{011}^{(10)}m_{111}^{(20)}m_{112}^{(10)}-2m_{011}^{(10)}m_{111}^{(20)}m_{022}^{(00)}-4m_{011}^{(10)}m_{111}^{(21)}m_{301}^{(21)}\\
&+4m_{011}^{(10)}m_{111}^{(21)}m_{211}^{(20)}+4m_{011}^{(10)}m_{111}^{(21)}m_{202}^{(10)}-4m_{011}^{(10)}m_{111}^{(21)}m_{112}^{(00)}+3m_{011}^{(10)}m_{111}^{(22)}m_{301}^{(11)}\\
&-6m_{011}^{(10)}m_{111}^{(22)}m_{211}^{(10)}+3m_{011}^{(10)}m_{111}^{(22)}m_{121}^{(00)}+m_{011}^{(10)}m_{102}^{(00)}m_{130}^{(22)}-2m_{011}^{(10)}m_{102}^{(00)}m_{121}^{(21)}\\
&+m_{011}^{(10)}m_{102}^{(00)}m_{112}^{(11)}-2m_{011}^{(10)}m_{102}^{(10)}m_{220}^{(22)}+4m_{011}^{(10)}m_{102}^{(10)}m_{211}^{(21)}-2m_{011}^{(10)}m_{102}^{(10)}m_{202}^{(11)}\\
&+m_{011}^{(10)}m_{102}^{(11)}m_{310}^{(22)}-2m_{011}^{(10)}m_{102}^{(11)}m_{301}^{(21)}+2m_{011}^{(10)}m_{102}^{(11)}m_{202}^{(10)}-m_{011}^{(10)}m_{102}^{(11)}m_{112}^{(00)}
\end{aligned}
$$

$$+2m_{011}^{(10)}m_{102}^{(21)}m_{301}^{(11)} - 4m_{011}^{(10)}m_{102}^{(21)}m_{211}^{(10)} + 2m_{011}^{(10)}m_{102}^{(21)}m_{121}^{(00)} - m_{011}^{(10)}m_{102}^{(22)}m_{310}^{(11)}$$
$$+2m_{011}^{(10)}m_{102}^{(22)}m_{220}^{(10)} - m_{011}^{(10)}m_{102}^{(22)}m_{130}^{(00)} - m_{011}^{(10)}m_{021}^{(00)}m_{211}^{(22)} + m_{011}^{(10)}m_{021}^{(00)}m_{202}^{(21)}$$
$$+m_{011}^{(10)}m_{021}^{(00)}m_{112}^{(20)} - m_{011}^{(10)}m_{021}^{(00)}m_{103}^{(10)} + m_{011}^{(10)}m_{021}^{(10)}m_{301}^{(22)} - 2m_{011}^{(10)}m_{021}^{(10)}m_{202}^{(20)}$$
$$+m_{011}^{(10)}m_{021}^{(10)}m_{103}^{(00)} + m_{011}^{(10)}m_{021}^{(20)}m_{310}^{(22)} - 2m_{011}^{(10)}m_{021}^{(20)}m_{301}^{(21)} + 2m_{011}^{(10)}m_{021}^{(20)}m_{202}^{(10)}$$
$$-m_{011}^{(10)}m_{021}^{(20)}m_{112}^{(00)} - m_{011}^{(10)}m_{021}^{(21)}m_{400}^{(22)} + 2m_{011}^{(10)}m_{021}^{(21)}m_{301}^{(20)} - m_{011}^{(10)}m_{021}^{(21)}m_{202}^{(00)}$$
$$+m_{011}^{(10)}m_{021}^{(22)}m_{400}^{(21)} - m_{011}^{(10)}m_{021}^{(22)}m_{310}^{(20)} - m_{011}^{(10)}m_{021}^{(22)}m_{301}^{(10)} + m_{011}^{(10)}m_{021}^{(22)}m_{211}^{(00)}$$
$$-m_{011}^{(10)}m_{012}^{(00)}m_{220}^{(22)} + 2m_{011}^{(10)}m_{012}^{(00)}m_{211}^{(21)} - m_{011}^{(10)}m_{012}^{(00)}m_{202}^{(11)} + 2m_{011}^{(10)}m_{012}^{(10)}m_{310}^{(22)}$$
$$-2m_{011}^{(10)}m_{012}^{(10)}m_{301}^{(21)} - 2m_{011}^{(10)}m_{012}^{(10)}m_{211}^{(20)} + 2m_{011}^{(10)}m_{012}^{(10)}m_{202}^{(10)} - m_{011}^{(10)}m_{012}^{(11)}m_{400}^{(22)}$$
$$+2m_{011}^{(10)}m_{012}^{(11)}m_{301}^{(20)} - m_{011}^{(10)}m_{012}^{(11)}m_{202}^{(00)} - 2m_{011}^{(10)}m_{012}^{(20)}m_{310}^{(21)} + 2m_{011}^{(10)}m_{012}^{(20)}m_{301}^{(11)}$$
$$+2m_{011}^{(10)}m_{012}^{(20)}m_{220}^{(20)} - 2m_{011}^{(10)}m_{012}^{(20)}m_{211}^{(10)} + 2m_{011}^{(10)}m_{012}^{(21)}m_{400}^{(21)} - 2m_{011}^{(10)}m_{012}^{(21)}m_{310}^{(20)}$$
$$-2m_{011}^{(10)}m_{012}^{(21)}m_{301}^{(10)} + 2m_{011}^{(10)}m_{012}^{(21)}m_{211}^{(00)} - m_{011}^{(10)}m_{012}^{(22)}m_{400}^{(11)} + 2m_{011}^{(10)}m_{012}^{(22)}m_{310}^{(10)}$$
$$-m_{011}^{(10)}m_{012}^{(22)}m_{220}^{(00)} + m_{011}^{(10)}m_{003}^{(00)}m_{220}^{(21)} - m_{011}^{(10)}m_{003}^{(00)}m_{211}^{(11)} - m_{011}^{(10)}m_{003}^{(00)}m_{130}^{(20)}$$
$$+m_{011}^{(10)}m_{003}^{(00)}m_{121}^{(10)} - 2m_{011}^{(10)}m_{003}^{(10)}m_{310}^{(21)} + m_{011}^{(10)}m_{003}^{(10)}m_{301}^{(11)} + 2m_{011}^{(10)}m_{003}^{(10)}m_{220}^{(20)}$$
$$-m_{011}^{(10)}m_{003}^{(10)}m_{121}^{(00)} + m_{011}^{(10)}m_{003}^{(11)}m_{400}^{(21)} - m_{011}^{(10)}m_{003}^{(11)}m_{310}^{(20)} - m_{011}^{(10)}m_{003}^{(11)}m_{301}^{(10)}$$
$$+m_{011}^{(10)}m_{003}^{(11)}m_{211}^{(00)} + m_{011}^{(10)}m_{003}^{(20)}m_{310}^{(11)} - 2m_{011}^{(10)}m_{003}^{(20)}m_{220}^{(10)} + m_{011}^{(10)}m_{003}^{(20)}m_{130}^{(00)}$$
$$-m_{011}^{(10)}m_{003}^{(21)}m_{400}^{(11)} + 2m_{011}^{(10)}m_{003}^{(21)}m_{310}^{(10)} - m_{011}^{(10)}m_{003}^{(21)}m_{220}^{(00)} + m_{011}^{(11)}m_{300}^{(00)}m_{022}^{(22)}$$
$$-2m_{011}^{(11)}m_{300}^{(00)}m_{013}^{(21)} + m_{011}^{(11)}m_{300}^{(00)}m_{004}^{(11)} - m_{011}^{(11)}m_{300}^{(10)}m_{112}^{(22)} + m_{011}^{(11)}m_{300}^{(10)}m_{103}^{(21)}$$
$$+m_{011}^{(11)}m_{300}^{(10)}m_{013}^{(20)} - m_{011}^{(11)}m_{300}^{(10)}m_{004}^{(10)} - m_{011}^{(11)}m_{300}^{(20)}m_{121}^{(22)} + 3m_{011}^{(11)}m_{300}^{(20)}m_{112}^{(21)}$$
$$-2m_{011}^{(11)}m_{300}^{(20)}m_{103}^{(11)} - m_{011}^{(11)}m_{300}^{(20)}m_{022}^{(20)} + m_{011}^{(11)}m_{300}^{(20)}m_{013}^{(10)} + m_{011}^{(11)}m_{300}^{(21)}m_{211}^{(22)}$$
$$-m_{011}^{(11)}m_{300}^{(21)}m_{202}^{(21)} - m_{011}^{(11)}m_{300}^{(21)}m_{112}^{(20)} + m_{011}^{(11)}m_{300}^{(21)}m_{103}^{(10)} - m_{011}^{(11)}m_{300}^{(22)}m_{211}^{(21)}$$
$$+m_{011}^{(11)}m_{300}^{(22)}m_{202}^{(11)} + m_{011}^{(11)}m_{300}^{(22)}m_{121}^{(20)} - m_{011}^{(11)}m_{300}^{(22)}m_{112}^{(10)} - m_{011}^{(11)}m_{210}^{(00)}m_{112}^{(22)}$$
$$+m_{011}^{(11)}m_{210}^{(00)}m_{103}^{(21)} + m_{011}^{(11)}m_{210}^{(00)}m_{013}^{(20)} - m_{011}^{(11)}m_{210}^{(00)}m_{004}^{(10)} + m_{011}^{(11)}m_{210}^{(10)}m_{202}^{(22)}$$
$$-2m_{011}^{(11)}m_{210}^{(10)}m_{103}^{(20)} + m_{011}^{(11)}m_{210}^{(10)}m_{004}^{(00)} + m_{011}^{(11)}m_{210}^{(20)}m_{211}^{(22)} - 2m_{011}^{(11)}m_{210}^{(20)}m_{202}^{(21)}$$
$$+2m_{011}^{(11)}m_{210}^{(20)}m_{103}^{(10)} - m_{011}^{(11)}m_{210}^{(20)}m_{013}^{(00)} - m_{011}^{(11)}m_{210}^{(21)}m_{301}^{(22)} + 2m_{011}^{(11)}m_{210}^{(21)}m_{202}^{(20)}$$
$$-m_{011}^{(11)}m_{210}^{(21)}m_{103}^{(00)} + m_{011}^{(11)}m_{210}^{(22)}m_{301}^{(21)} - m_{011}^{(11)}m_{210}^{(22)}m_{211}^{(20)} - m_{011}^{(11)}m_{210}^{(22)}m_{202}^{(10)}$$
$$+m_{011}^{(11)}m_{210}^{(22)}m_{112}^{(00)} - m_{011}^{(11)}m_{201}^{(00)}m_{121}^{(22)} + 3m_{011}^{(11)}m_{201}^{(00)}m_{112}^{(21)} - 2m_{011}^{(11)}m_{201}^{(00)}m_{103}^{(11)}$$
$$-m_{011}^{(11)}m_{201}^{(00)}m_{022}^{(20)} + m_{011}^{(11)}m_{201}^{(00)}m_{013}^{(10)} + m_{011}^{(11)}m_{201}^{(10)}m_{211}^{(22)} - 2m_{011}^{(11)}m_{201}^{(10)}m_{202}^{(21)}$$
$$+2m_{011}^{(11)}m_{201}^{(10)}m_{103}^{(10)} - m_{011}^{(11)}m_{201}^{(10)}m_{013}^{(00)} + m_{011}^{(11)}m_{201}^{(20)}m_{220}^{(22)} - 4m_{011}^{(11)}m_{201}^{(20)}m_{211}^{(21)}$$
$$+4m_{011}^{(11)}m_{201}^{(20)}m_{202}^{(11)} + 2m_{011}^{(11)}m_{201}^{(20)}m_{121}^{(20)} - 4m_{011}^{(11)}m_{201}^{(20)}m_{112}^{(10)} + m_{011}^{(11)}m_{201}^{(20)}m_{022}^{(00)}$$
$$-m_{011}^{(11)}m_{201}^{(21)}m_{310}^{(22)} + 2m_{011}^{(11)}m_{201}^{(21)}m_{301}^{(21)} - 2m_{011}^{(11)}m_{201}^{(21)}m_{202}^{(10)} + m_{011}^{(11)}m_{201}^{(21)}m_{112}^{(00)}$$
$$+m_{011}^{(11)}m_{201}^{(22)}m_{310}^{(21)} - 2m_{011}^{(11)}m_{201}^{(22)}m_{301}^{(11)} - m_{011}^{(11)}m_{201}^{(22)}m_{220}^{(20)} + 3m_{011}^{(11)}m_{201}^{(22)}m_{211}^{(10)}$$
$$-m_{011}^{(11)}m_{201}^{(22)}m_{121}^{(00)} + m_{011}^{(11)}m_{111}^{(00)}m_{211}^{(22)} - m_{011}^{(11)}m_{111}^{(00)}m_{202}^{(21)} - m_{011}^{(11)}m_{111}^{(00)}m_{112}^{(20)}$$
$$+m_{011}^{(11)}m_{111}^{(00)}m_{103}^{(10)} - m_{011}^{(11)}m_{111}^{(10)}m_{301}^{(22)} + 2m_{011}^{(11)}m_{111}^{(10)}m_{202}^{(20)} - m_{011}^{(11)}m_{111}^{(10)}m_{103}^{(00)}$$
$$-m_{011}^{(11)}m_{111}^{(20)}m_{310}^{(22)} + 2m_{011}^{(11)}m_{111}^{(20)}m_{301}^{(21)} - 2m_{011}^{(11)}m_{111}^{(20)}m_{202}^{(10)} + m_{011}^{(11)}m_{111}^{(20)}m_{112}^{(00)}$$
$$+m_{011}^{(11)}m_{111}^{(21)}m_{400}^{(22)} - 2m_{011}^{(11)}m_{111}^{(21)}m_{301}^{(20)} + m_{011}^{(11)}m_{111}^{(21)}m_{202}^{(00)} - m_{011}^{(11)}m_{111}^{(22)}m_{400}^{(21)}$$
$$+m_{011}^{(11)}m_{111}^{(22)}m_{310}^{(20)} + m_{011}^{(11)}m_{111}^{(22)}m_{301}^{(10)} - m_{011}^{(11)}m_{111}^{(22)}m_{211}^{(00)} - m_{011}^{(11)}m_{102}^{(00)}m_{211}^{(21)}$$
$$+m_{011}^{(11)}m_{102}^{(00)}m_{202}^{(11)} + m_{011}^{(11)}m_{102}^{(00)}m_{121}^{(20)} - m_{011}^{(11)}m_{102}^{(00)}m_{112}^{(10)} + m_{011}^{(11)}m_{102}^{(10)}m_{301}^{(21)}$$
$$-m_{011}^{(11)}m_{102}^{(10)}m_{211}^{(20)} - m_{011}^{(11)}m_{102}^{(10)}m_{202}^{(10)} + m_{011}^{(11)}m_{102}^{(10)}m_{112}^{(00)} + m_{011}^{(11)}m_{102}^{(20)}m_{310}^{(21)}$$

$$
\begin{aligned}
&-2m_{011}^{(11)}m_{102}^{(20)}m_{301}^{(11)} - m_{011}^{(11)}m_{102}^{(20)}m_{220}^{(20)} + 3m_{011}^{(11)}m_{102}^{(20)}m_{211}^{(10)} - m_{011}^{(11)}m_{102}^{(20)}m_{121}^{(00)}\\
&-m_{011}^{(11)}m_{102}^{(21)}m_{400}^{(21)} + m_{011}^{(11)}m_{102}^{(21)}m_{310}^{(20)} + m_{011}^{(11)}m_{102}^{(21)}m_{301}^{(10)} - m_{011}^{(11)}m_{102}^{(21)}m_{211}^{(00)}\\
&+m_{011}^{(11)}m_{102}^{(22)}m_{400}^{(11)} - 2m_{011}^{(11)}m_{102}^{(22)}m_{310}^{(10)} + m_{011}^{(11)}m_{102}^{(22)}m_{220}^{(00)} + m_{011}^{(20)}m_{210}^{(10)}m_{121}^{(22)}\\
&-2m_{011}^{(20)}m_{210}^{(10)}m_{112}^{(21)} + m_{011}^{(20)}m_{210}^{(10)}m_{103}^{(11)} - m_{011}^{(20)}m_{210}^{(11)}m_{211}^{(22)} + m_{011}^{(20)}m_{210}^{(11)}m_{202}^{(21)}\\
&+m_{011}^{(20)}m_{210}^{(11)}m_{112}^{(20)} - m_{011}^{(20)}m_{210}^{(11)}m_{103}^{(10)} - m_{011}^{(20)}m_{210}^{(20)}m_{130}^{(22)} + 2m_{011}^{(20)}m_{210}^{(20)}m_{121}^{(21)}\\
&-m_{011}^{(20)}m_{210}^{(20)}m_{112}^{(11)} + m_{011}^{(20)}m_{210}^{(21)}m_{220}^{(22)} - m_{011}^{(20)}m_{210}^{(21)}m_{202}^{(11)} - 2m_{011}^{(20)}m_{210}^{(21)}m_{121}^{(20)}\\
&+2m_{011}^{(20)}m_{210}^{(21)}m_{112}^{(10)} - m_{011}^{(20)}m_{210}^{(22)}m_{220}^{(21)} + m_{011}^{(20)}m_{210}^{(22)}m_{211}^{(11)} + m_{011}^{(20)}m_{210}^{(22)}m_{130}^{(20)}\\
&-m_{011}^{(20)}m_{210}^{(22)}m_{121}^{(10)} + 2m_{011}^{(20)}m_{201}^{(00)}m_{040}^{(22)} - 4m_{011}^{(20)}m_{201}^{(00)}m_{031}^{(21)} + 2m_{011}^{(20)}m_{201}^{(00)}m_{022}^{(11)}\\
&-4m_{011}^{(20)}m_{201}^{(10)}m_{130}^{(22)} + 6m_{011}^{(20)}m_{201}^{(10)}m_{121}^{(21)} - 2m_{011}^{(20)}m_{201}^{(10)}m_{112}^{(11)} + 2m_{011}^{(20)}m_{201}^{(10)}m_{031}^{(20)}\\
&-2m_{011}^{(20)}m_{201}^{(10)}m_{022}^{(10)} + 2m_{011}^{(20)}m_{201}^{(11)}m_{220}^{(22)} - 2m_{011}^{(20)}m_{201}^{(11)}m_{211}^{(21)} - 2m_{011}^{(20)}m_{201}^{(11)}m_{121}^{(20)}\\
&+2m_{011}^{(20)}m_{201}^{(11)}m_{112}^{(10)} + 2m_{011}^{(20)}m_{201}^{(20)}m_{130}^{(21)} - 2m_{011}^{(20)}m_{201}^{(20)}m_{121}^{(11)} - 2m_{011}^{(20)}m_{201}^{(20)}m_{040}^{(20)}\\
&+2m_{011}^{(20)}m_{201}^{(20)}m_{031}^{(10)} - 2m_{011}^{(20)}m_{201}^{(21)}m_{220}^{(21)} + 2m_{011}^{(20)}m_{201}^{(21)}m_{211}^{(11)} + 2m_{011}^{(20)}m_{201}^{(21)}m_{130}^{(20)}\\
&-2m_{011}^{(20)}m_{201}^{(21)}m_{121}^{(10)} - m_{011}^{(20)}m_{120}^{(00)}m_{121}^{(22)} + 2m_{011}^{(20)}m_{120}^{(00)}m_{112}^{(21)} - m_{011}^{(20)}m_{120}^{(00)}m_{103}^{(11)}\\
&+m_{011}^{(20)}m_{120}^{(11)}m_{301}^{(22)} - 2m_{011}^{(20)}m_{120}^{(11)}m_{202}^{(20)} + m_{011}^{(20)}m_{120}^{(11)}m_{103}^{(00)} + 2m_{011}^{(20)}m_{120}^{(20)}m_{220}^{(22)}\\
&-4m_{011}^{(20)}m_{120}^{(20)}m_{211}^{(21)} + 2m_{011}^{(20)}m_{120}^{(20)}m_{202}^{(11)} - 2m_{011}^{(20)}m_{120}^{(21)}m_{310}^{(22)} + 4m_{011}^{(20)}m_{120}^{(21)}m_{211}^{(20)}\\
&-2m_{011}^{(20)}m_{120}^{(21)}m_{112}^{(00)} + 2m_{011}^{(20)}m_{120}^{(22)}m_{310}^{(21)} - m_{011}^{(20)}m_{120}^{(22)}m_{301}^{(11)} - 2m_{011}^{(20)}m_{120}^{(22)}m_{220}^{(20)}\\
&+m_{011}^{(20)}m_{120}^{(22)}m_{121}^{(00)} - 3m_{011}^{(20)}m_{111}^{(00)}m_{130}^{(22)} + 4m_{011}^{(20)}m_{111}^{(00)}m_{121}^{(21)} - m_{011}^{(20)}m_{111}^{(00)}m_{112}^{(11)}\\
&+2m_{011}^{(20)}m_{111}^{(00)}m_{031}^{(20)} - 2m_{011}^{(20)}m_{111}^{(00)}m_{022}^{(10)} + 6m_{011}^{(20)}m_{111}^{(10)}m_{220}^{(22)} - 4m_{011}^{(20)}m_{111}^{(10)}m_{211}^{(21)}\\
&-8m_{011}^{(20)}m_{111}^{(10)}m_{121}^{(20)} + 4m_{011}^{(20)}m_{111}^{(10)}m_{112}^{(10)} + 2m_{011}^{(20)}m_{111}^{(10)}m_{022}^{(00)} - 3m_{011}^{(20)}m_{111}^{(11)}m_{310}^{(22)}\\
&+6m_{011}^{(20)}m_{111}^{(11)}m_{211}^{(20)} - 3m_{011}^{(20)}m_{111}^{(11)}m_{112}^{(00)} - 4m_{011}^{(20)}m_{111}^{(20)}m_{220}^{(21)} + 2m_{011}^{(20)}m_{111}^{(20)}m_{211}^{(11)}\\
&+4m_{011}^{(20)}m_{111}^{(20)}m_{130}^{(20)} - 2m_{011}^{(20)}m_{111}^{(20)}m_{031}^{(00)} + 4m_{011}^{(20)}m_{111}^{(21)}m_{310}^{(21)} - 4m_{011}^{(20)}m_{111}^{(21)}m_{220}^{(20)}\\
&-4m_{011}^{(20)}m_{111}^{(21)}m_{211}^{(10)} + 4m_{011}^{(20)}m_{111}^{(21)}m_{121}^{(00)} - m_{011}^{(20)}m_{111}^{(22)}m_{310}^{(11)} + 2m_{011}^{(20)}m_{111}^{(22)}m_{220}^{(10)}\\
&-m_{011}^{(20)}m_{111}^{(22)}m_{130}^{(00)} + 2m_{011}^{(20)}m_{102}^{(00)}m_{130}^{(21)} - 2m_{011}^{(20)}m_{102}^{(00)}m_{121}^{(11)} - 2m_{011}^{(20)}m_{102}^{(00)}m_{040}^{(20)}\\
&+2m_{011}^{(20)}m_{102}^{(00)}m_{031}^{(10)} - 4m_{011}^{(20)}m_{102}^{(10)}m_{220}^{(21)} + 2m_{011}^{(20)}m_{102}^{(10)}m_{211}^{(11)} + 4m_{011}^{(20)}m_{102}^{(10)}m_{130}^{(20)}\\
&-2m_{011}^{(20)}m_{102}^{(10)}m_{031}^{(00)} + 2m_{011}^{(20)}m_{102}^{(11)}m_{310}^{(21)} - 2m_{011}^{(20)}m_{102}^{(11)}m_{220}^{(20)} - 2m_{011}^{(20)}m_{102}^{(11)}m_{211}^{(10)}\\
&+2m_{011}^{(20)}m_{102}^{(11)}m_{121}^{(00)} + 2m_{011}^{(20)}m_{102}^{(20)}m_{220}^{(11)} - 4m_{011}^{(20)}m_{102}^{(20)}m_{130}^{(10)} + 2m_{011}^{(20)}m_{102}^{(20)}m_{040}^{(00)}\\
&-2m_{011}^{(20)}m_{102}^{(21)}m_{310}^{(11)} + 4m_{011}^{(20)}m_{102}^{(21)}m_{220}^{(10)} - 2m_{011}^{(20)}m_{102}^{(21)}m_{130}^{(00)} + m_{011}^{(20)}m_{030}^{(00)}m_{211}^{(22)}\\
&-m_{011}^{(20)}m_{030}^{(00)}m_{202}^{(21)} - m_{011}^{(20)}m_{030}^{(00)}m_{112}^{(20)} + m_{011}^{(20)}m_{030}^{(00)}m_{103}^{(10)} - m_{011}^{(20)}m_{030}^{(10)}m_{301}^{(22)}\\
&+2m_{011}^{(20)}m_{030}^{(10)}m_{202}^{(20)} - m_{011}^{(20)}m_{030}^{(10)}m_{103}^{(00)} - m_{011}^{(20)}m_{030}^{(20)}m_{310}^{(22)} + 2m_{011}^{(20)}m_{030}^{(20)}m_{301}^{(21)}\\
&-2m_{011}^{(20)}m_{030}^{(20)}m_{202}^{(10)} + m_{011}^{(20)}m_{030}^{(20)}m_{112}^{(00)} + m_{011}^{(20)}m_{030}^{(21)}m_{400}^{(22)} - 2m_{011}^{(20)}m_{030}^{(21)}m_{301}^{(20)}\\
&+m_{011}^{(20)}m_{030}^{(21)}m_{202}^{(00)} - m_{011}^{(20)}m_{030}^{(22)}m_{400}^{(21)} + m_{011}^{(20)}m_{030}^{(22)}m_{310}^{(20)} + m_{011}^{(20)}m_{030}^{(22)}m_{301}^{(10)}\\
&-m_{011}^{(20)}m_{030}^{(22)}m_{211}^{(00)} + m_{011}^{(20)}m_{021}^{(00)}m_{220}^{(22)} - 2m_{011}^{(20)}m_{021}^{(00)}m_{211}^{(21)} + m_{011}^{(20)}m_{021}^{(00)}m_{202}^{(11)}\\
&-2m_{011}^{(20)}m_{021}^{(10)}m_{310}^{(22)} + 2m_{011}^{(20)}m_{021}^{(10)}m_{301}^{(21)} + 2m_{011}^{(20)}m_{021}^{(10)}m_{211}^{(20)} - 2m_{011}^{(20)}m_{021}^{(10)}m_{202}^{(10)}\\
&+m_{011}^{(20)}m_{021}^{(11)}m_{400}^{(22)} - 2m_{011}^{(20)}m_{021}^{(11)}m_{301}^{(20)} + m_{011}^{(20)}m_{021}^{(11)}m_{202}^{(00)} + 2m_{011}^{(20)}m_{021}^{(20)}m_{310}^{(21)}\\
&-2m_{011}^{(20)}m_{021}^{(20)}m_{301}^{(11)} - 2m_{011}^{(20)}m_{021}^{(20)}m_{220}^{(20)} + 2m_{011}^{(20)}m_{021}^{(20)}m_{211}^{(10)} - 2m_{011}^{(20)}m_{021}^{(21)}m_{400}^{(21)}\\
&+2m_{011}^{(20)}m_{021}^{(21)}m_{310}^{(20)} + 2m_{011}^{(20)}m_{021}^{(21)}m_{301}^{(10)} - 2m_{011}^{(20)}m_{021}^{(21)}m_{211}^{(00)} + m_{011}^{(20)}m_{021}^{(22)}m_{400}^{(11)}\\
&-2m_{011}^{(20)}m_{021}^{(22)}m_{310}^{(10)} + m_{011}^{(20)}m_{021}^{(22)}m_{220}^{(00)} - m_{011}^{(20)}m_{012}^{(00)}m_{220}^{(21)} + m_{011}^{(20)}m_{012}^{(00)}m_{211}^{(11)}\\
&+m_{011}^{(20)}m_{012}^{(00)}m_{130}^{(20)} - m_{011}^{(20)}m_{012}^{(00)}m_{121}^{(10)} + 2m_{011}^{(20)}m_{012}^{(10)}m_{310}^{(21)} - m_{011}^{(20)}m_{012}^{(10)}m_{301}^{(11)}
\end{aligned}
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\begin{aligned}
&-2m_{011}^{(20)}m_{012}^{(10)}m_{220}^{(20)} + m_{011}^{(20)}m_{012}^{(10)}m_{121}^{(00)} - m_{011}^{(20)}m_{012}^{(11)}m_{400}^{(21)} + m_{011}^{(20)}m_{012}^{(11)}m_{310}^{(20)}\\
&+m_{011}^{(20)}m_{012}^{(11)}m_{301}^{(10)} - m_{011}^{(20)}m_{012}^{(11)}m_{211}^{(00)} - m_{011}^{(20)}m_{012}^{(20)}m_{310}^{(11)} + 2m_{011}^{(20)}m_{012}^{(20)}m_{220}^{(10)}\\
&-m_{011}^{(20)}m_{012}^{(20)}m_{130}^{(00)} + m_{011}^{(20)}m_{012}^{(21)}m_{400}^{(11)} - 2m_{011}^{(20)}m_{012}^{(21)}m_{310}^{(10)} + m_{011}^{(20)}m_{012}^{(21)}m_{220}^{(00)}\\
&-m_{011}^{(21)}m_{300}^{(10)}m_{121}^{(22)} + 2m_{011}^{(21)}m_{300}^{(10)}m_{112}^{(21)} - m_{011}^{(21)}m_{300}^{(10)}m_{103}^{(11)} + m_{011}^{(21)}m_{300}^{(11)}m_{211}^{(22)}\\
&-m_{011}^{(21)}m_{300}^{(11)}m_{202}^{(21)} - m_{011}^{(21)}m_{300}^{(11)}m_{112}^{(20)} + m_{011}^{(21)}m_{300}^{(11)}m_{103}^{(10)} + m_{011}^{(21)}m_{300}^{(20)}m_{130}^{(22)}\\
&-2m_{011}^{(21)}m_{300}^{(20)}m_{121}^{(21)} + m_{011}^{(21)}m_{300}^{(20)}m_{112}^{(11)} - m_{011}^{(21)}m_{300}^{(21)}m_{220}^{(22)} + m_{011}^{(21)}m_{300}^{(21)}m_{202}^{(11)}\\
&+2m_{011}^{(21)}m_{300}^{(21)}m_{121}^{(20)} - 2m_{011}^{(21)}m_{300}^{(21)}m_{112}^{(10)} + m_{011}^{(21)}m_{300}^{(22)}m_{220}^{(21)} - m_{011}^{(21)}m_{300}^{(22)}m_{211}^{(11)}\\
&-m_{011}^{(21)}m_{300}^{(22)}m_{130}^{(20)} + m_{011}^{(21)}m_{300}^{(22)}m_{121}^{(10)} + m_{011}^{(21)}m_{210}^{(00)}m_{121}^{(22)} - 2m_{011}^{(21)}m_{210}^{(00)}m_{112}^{(21)}\\
&+m_{011}^{(21)}m_{210}^{(00)}m_{103}^{(11)} - m_{011}^{(21)}m_{210}^{(11)}m_{301}^{(22)} + 2m_{011}^{(21)}m_{210}^{(11)}m_{202}^{(20)} - m_{011}^{(21)}m_{210}^{(11)}m_{103}^{(00)}\\
&-2m_{011}^{(21)}m_{210}^{(20)}m_{220}^{(22)} + 4m_{011}^{(21)}m_{210}^{(20)}m_{211}^{(21)} - 2m_{011}^{(21)}m_{210}^{(20)}m_{202}^{(11)} + 2m_{011}^{(21)}m_{210}^{(21)}m_{310}^{(22)}\\
&-4m_{011}^{(21)}m_{210}^{(21)}m_{211}^{(20)} + 2m_{011}^{(21)}m_{210}^{(21)}m_{112}^{(00)} - 2m_{011}^{(21)}m_{210}^{(22)}m_{310}^{(21)} + m_{011}^{(21)}m_{210}^{(22)}m_{301}^{(11)}\\
&+2m_{011}^{(21)}m_{210}^{(22)}m_{220}^{(20)} - m_{011}^{(21)}m_{210}^{(22)}m_{121}^{(00)} - m_{011}^{(21)}m_{201}^{(00)}m_{130}^{(22)} + 2m_{011}^{(21)}m_{201}^{(00)}m_{121}^{(21)}\\
&-m_{011}^{(21)}m_{201}^{(00)}m_{112}^{(11)} + 2m_{011}^{(21)}m_{201}^{(10)}m_{220}^{(22)} - 4m_{011}^{(21)}m_{201}^{(10)}m_{211}^{(21)} + 2m_{011}^{(21)}m_{201}^{(10)}m_{202}^{(11)}\\
&-m_{011}^{(21)}m_{201}^{(11)}m_{310}^{(22)} + 2m_{011}^{(21)}m_{201}^{(11)}m_{301}^{(21)} - 2m_{011}^{(21)}m_{201}^{(11)}m_{202}^{(10)} + m_{011}^{(21)}m_{201}^{(11)}m_{112}^{(00)}\\
&-2m_{011}^{(21)}m_{201}^{(21)}m_{301}^{(11)} + 4m_{011}^{(21)}m_{201}^{(21)}m_{211}^{(10)} - 2m_{011}^{(21)}m_{201}^{(21)}m_{121}^{(00)} + m_{011}^{(21)}m_{201}^{(22)}m_{310}^{(11)}\\
&-2m_{011}^{(21)}m_{201}^{(22)}m_{220}^{(10)} + m_{011}^{(21)}m_{201}^{(22)}m_{130}^{(00)} - m_{011}^{(21)}m_{120}^{(00)}m_{211}^{(22)} + m_{011}^{(21)}m_{120}^{(00)}m_{202}^{(21)}\\
&+m_{011}^{(21)}m_{120}^{(00)}m_{112}^{(20)} - m_{011}^{(21)}m_{120}^{(00)}m_{103}^{(10)} + m_{011}^{(21)}m_{120}^{(10)}m_{301}^{(22)} - 2m_{011}^{(21)}m_{120}^{(10)}m_{202}^{(20)}\\
&+m_{011}^{(21)}m_{120}^{(10)}m_{103}^{(00)} + m_{011}^{(21)}m_{120}^{(20)}m_{310}^{(22)} - 2m_{011}^{(21)}m_{120}^{(20)}m_{301}^{(21)} + 2m_{011}^{(21)}m_{120}^{(20)}m_{202}^{(10)}\\
&-m_{011}^{(21)}m_{120}^{(20)}m_{112}^{(00)} - m_{011}^{(21)}m_{120}^{(21)}m_{400}^{(22)} + 2m_{011}^{(21)}m_{120}^{(21)}m_{301}^{(20)} - m_{011}^{(21)}m_{120}^{(21)}m_{202}^{(00)}\\
&+m_{011}^{(21)}m_{120}^{(22)}m_{400}^{(21)} - m_{011}^{(21)}m_{120}^{(22)}m_{310}^{(20)} - m_{011}^{(21)}m_{120}^{(22)}m_{301}^{(10)} + m_{011}^{(21)}m_{120}^{(22)}m_{211}^{(00)}\\
&+m_{011}^{(21)}m_{111}^{(00)}m_{220}^{(22)} - m_{011}^{(21)}m_{111}^{(00)}m_{202}^{(11)} - 2m_{011}^{(21)}m_{111}^{(00)}m_{121}^{(20)} + 2m_{011}^{(21)}m_{111}^{(00)}m_{112}^{(10)}\\
&-2m_{011}^{(21)}m_{111}^{(10)}m_{310}^{(22)} + 4m_{011}^{(21)}m_{111}^{(10)}m_{211}^{(20)} - 2m_{011}^{(21)}m_{111}^{(10)}m_{112}^{(00)} + m_{011}^{(21)}m_{111}^{(11)}m_{400}^{(22)}\\
&-2m_{011}^{(21)}m_{111}^{(11)}m_{301}^{(20)} + m_{011}^{(21)}m_{111}^{(11)}m_{202}^{(00)} + 2m_{011}^{(21)}m_{111}^{(20)}m_{301}^{(11)} - 4m_{011}^{(21)}m_{111}^{(20)}m_{211}^{(10)}\\
&+2m_{011}^{(21)}m_{111}^{(20)}m_{121}^{(00)} - m_{011}^{(21)}m_{111}^{(22)}m_{400}^{(11)} + 2m_{011}^{(21)}m_{111}^{(22)}m_{310}^{(10)} - m_{011}^{(21)}m_{111}^{(22)}m_{220}^{(00)}\\
&-m_{011}^{(21)}m_{102}^{(00)}m_{220}^{(21)} + m_{011}^{(21)}m_{102}^{(00)}m_{211}^{(11)} + m_{011}^{(21)}m_{102}^{(00)}m_{130}^{(20)} - m_{011}^{(21)}m_{102}^{(00)}m_{121}^{(10)}\\
&+2m_{011}^{(21)}m_{102}^{(10)}m_{310}^{(21)} - m_{011}^{(21)}m_{102}^{(10)}m_{301}^{(11)} - 2m_{011}^{(21)}m_{102}^{(10)}m_{220}^{(20)} + m_{011}^{(21)}m_{102}^{(10)}m_{121}^{(00)}\\
&-m_{011}^{(21)}m_{102}^{(11)}m_{400}^{(21)} + m_{011}^{(21)}m_{102}^{(11)}m_{310}^{(20)} + m_{011}^{(21)}m_{102}^{(11)}m_{301}^{(10)} - m_{011}^{(21)}m_{102}^{(11)}m_{211}^{(00)}\\
&-m_{011}^{(21)}m_{102}^{(20)}m_{310}^{(11)} + 2m_{011}^{(21)}m_{102}^{(20)}m_{220}^{(10)} - m_{011}^{(21)}m_{102}^{(20)}m_{130}^{(00)} + m_{011}^{(21)}m_{102}^{(21)}m_{400}^{(11)}\\
&-2m_{011}^{(21)}m_{102}^{(21)}m_{310}^{(10)} + m_{011}^{(21)}m_{102}^{(21)}m_{220}^{(00)} - m_{011}^{(22)}m_{300}^{(00)}m_{040}^{(22)} + 2m_{011}^{(22)}m_{300}^{(00)}m_{031}^{(21)}\\
&-m_{011}^{(22)}m_{300}^{(00)}m_{022}^{(11)} + 2m_{011}^{(22)}m_{300}^{(10)}m_{130}^{(22)} - 3m_{011}^{(22)}m_{300}^{(10)}m_{121}^{(21)} + m_{011}^{(22)}m_{300}^{(10)}m_{112}^{(11)}\\
&-m_{011}^{(22)}m_{300}^{(10)}m_{031}^{(20)} + m_{011}^{(22)}m_{300}^{(10)}m_{022}^{(10)} - m_{011}^{(22)}m_{300}^{(11)}m_{220}^{(22)} + m_{011}^{(22)}m_{300}^{(11)}m_{211}^{(21)}\\
&+m_{011}^{(22)}m_{300}^{(11)}m_{121}^{(20)} - m_{011}^{(22)}m_{300}^{(11)}m_{112}^{(10)} - m_{011}^{(22)}m_{300}^{(20)}m_{130}^{(21)} + m_{011}^{(22)}m_{300}^{(20)}m_{121}^{(11)}\\
&+m_{011}^{(22)}m_{300}^{(20)}m_{040}^{(20)} - m_{011}^{(22)}m_{300}^{(20)}m_{031}^{(10)} + m_{011}^{(22)}m_{300}^{(21)}m_{220}^{(21)} - m_{011}^{(22)}m_{300}^{(21)}m_{211}^{(11)}\\
&-m_{011}^{(22)}m_{300}^{(21)}m_{130}^{(20)} + m_{011}^{(22)}m_{300}^{(21)}m_{121}^{(10)} + 2m_{011}^{(22)}m_{210}^{(00)}m_{130}^{(22)} - 3m_{011}^{(22)}m_{210}^{(00)}m_{121}^{(21)}\\
&+m_{011}^{(22)}m_{210}^{(00)}m_{112}^{(11)} - m_{011}^{(22)}m_{210}^{(00)}m_{031}^{(20)} + m_{011}^{(22)}m_{210}^{(00)}m_{022}^{(10)} - 4m_{011}^{(22)}m_{210}^{(10)}m_{220}^{(22)}\\
&+4m_{011}^{(22)}m_{210}^{(10)}m_{211}^{(21)} - m_{011}^{(22)}m_{210}^{(10)}m_{202}^{(11)} + 4m_{011}^{(22)}m_{210}^{(10)}m_{121}^{(20)} - 2m_{011}^{(22)}m_{210}^{(10)}m_{112}^{(10)}\\
&-m_{011}^{(22)}m_{210}^{(10)}m_{022}^{(00)} + 2m_{011}^{(22)}m_{210}^{(11)}m_{310}^{(22)} - m_{011}^{(22)}m_{210}^{(11)}m_{301}^{(21)} - 3m_{011}^{(22)}m_{210}^{(11)}m_{211}^{(20)}\\
&+m_{011}^{(22)}m_{210}^{(11)}m_{202}^{(10)} + m_{011}^{(22)}m_{210}^{(11)}m_{112}^{(00)} + 2m_{011}^{(22)}m_{210}^{(20)}m_{220}^{(21)} - m_{011}^{(22)}m_{210}^{(20)}m_{211}^{(11)}
\end{aligned}
$$

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\begin{aligned}
&-2m_{011}^{(22)}m_{210}^{(20)}m_{130}^{(20)}+m_{011}^{(22)}m_{210}^{(20)}m_{031}^{(00)}-2m_{011}^{(22)}m_{210}^{(21)}m_{310}^{(21)}+m_{011}^{(22)}m_{210}^{(21)}m_{301}^{(11)}\\
&+2m_{011}^{(22)}m_{210}^{(21)}m_{220}^{(20)}-m_{011}^{(22)}m_{210}^{(21)}m_{121}^{(00)}-m_{011}^{(22)}m_{201}^{(00)}m_{130}^{(21)}+m_{011}^{(22)}m_{201}^{(00)}m_{121}^{(11)}\\
&+m_{011}^{(22)}m_{201}^{(00)}m_{040}^{(20)}-m_{011}^{(22)}m_{201}^{(00)}m_{031}^{(10)}+2m_{011}^{(22)}m_{201}^{(10)}m_{220}^{(21)}-m_{011}^{(22)}m_{201}^{(10)}m_{211}^{(11)}\\
&-2m_{011}^{(22)}m_{201}^{(10)}m_{130}^{(20)}+m_{011}^{(22)}m_{201}^{(10)}m_{031}^{(00)}-m_{011}^{(22)}m_{201}^{(11)}m_{310}^{(21)}+m_{011}^{(22)}m_{201}^{(11)}m_{220}^{(20)}\\
&+m_{011}^{(22)}m_{201}^{(11)}m_{211}^{(10)}-m_{011}^{(22)}m_{201}^{(11)}m_{121}^{(00)}-m_{011}^{(22)}m_{201}^{(20)}m_{220}^{(11)}+2m_{011}^{(22)}m_{201}^{(20)}m_{130}^{(10)}\\
&-m_{011}^{(22)}m_{201}^{(20)}m_{040}^{(00)}+m_{011}^{(22)}m_{201}^{(21)}m_{310}^{(11)}-2m_{011}^{(22)}m_{201}^{(21)}m_{220}^{(10)}+m_{011}^{(22)}m_{201}^{(21)}m_{130}^{(00)}\\
&-m_{011}^{(22)}m_{120}^{(00)}m_{220}^{(22)}+m_{011}^{(22)}m_{120}^{(00)}m_{211}^{(21)}+m_{011}^{(22)}m_{120}^{(00)}m_{121}^{(20)}-m_{011}^{(22)}m_{120}^{(00)}m_{112}^{(10)}\\
&+2m_{011}^{(22)}m_{120}^{(10)}m_{310}^{(22)}-m_{011}^{(22)}m_{120}^{(10)}m_{301}^{(21)}-3m_{011}^{(22)}m_{120}^{(10)}m_{211}^{(20)}+m_{011}^{(22)}m_{120}^{(10)}m_{202}^{(10)}\\
&+m_{011}^{(22)}m_{120}^{(10)}m_{112}^{(00)}-m_{011}^{(22)}m_{120}^{(11)}m_{400}^{(22)}+2m_{011}^{(22)}m_{120}^{(11)}m_{301}^{(20)}-m_{011}^{(22)}m_{120}^{(11)}m_{202}^{(00)}\\
&-m_{011}^{(22)}m_{120}^{(20)}m_{310}^{(21)}+m_{011}^{(22)}m_{120}^{(20)}m_{220}^{(20)}+m_{011}^{(22)}m_{120}^{(20)}m_{211}^{(10)}-m_{011}^{(22)}m_{120}^{(20)}m_{121}^{(00)}\\
&+m_{011}^{(22)}m_{120}^{(21)}m_{400}^{(21)}-m_{011}^{(22)}m_{120}^{(21)}m_{310}^{(20)}-m_{011}^{(22)}m_{120}^{(21)}m_{301}^{(10)}+m_{011}^{(22)}m_{120}^{(21)}m_{211}^{(00)}\\
&+m_{011}^{(22)}m_{111}^{(00)}m_{220}^{(21)}-m_{011}^{(22)}m_{111}^{(00)}m_{211}^{(11)}-m_{011}^{(22)}m_{111}^{(00)}m_{130}^{(20)}+m_{011}^{(22)}m_{111}^{(00)}m_{121}^{(10)}\\
&-2m_{011}^{(22)}m_{111}^{(10)}m_{310}^{(21)}+m_{011}^{(22)}m_{111}^{(10)}m_{301}^{(11)}+2m_{011}^{(22)}m_{111}^{(10)}m_{220}^{(20)}-m_{011}^{(22)}m_{111}^{(10)}m_{121}^{(00)}\\
&+m_{011}^{(22)}m_{111}^{(11)}m_{400}^{(21)}-m_{011}^{(22)}m_{111}^{(11)}m_{310}^{(20)}-m_{011}^{(22)}m_{111}^{(11)}m_{301}^{(10)}+m_{011}^{(22)}m_{111}^{(11)}m_{211}^{(00)}\\
&+m_{011}^{(22)}m_{111}^{(20)}m_{310}^{(11)}-2m_{011}^{(22)}m_{111}^{(20)}m_{220}^{(10)}+m_{011}^{(22)}m_{111}^{(20)}m_{130}^{(00)}-m_{011}^{(22)}m_{111}^{(21)}m_{400}^{(11)}\\
&+2m_{011}^{(22)}m_{111}^{(21)}m_{310}^{(10)}-m_{011}^{(22)}m_{111}^{(21)}m_{220}^{(00)}-m_{002}^{(00)}m_{120}^{(00)}m_{031}^{(22)}+2m_{002}^{(00)}m_{120}^{(00)}m_{022}^{(21)}\\
&-m_{002}^{(00)}m_{120}^{(00)}m_{013}^{(11)}+2m_{002}^{(00)}m_{120}^{(10)}m_{121}^{(22)}-3m_{002}^{(00)}m_{120}^{(10)}m_{112}^{(21)}+m_{002}^{(00)}m_{120}^{(10)}m_{103}^{(11)}\\
&-m_{002}^{(00)}m_{120}^{(10)}m_{022}^{(20)}+m_{002}^{(00)}m_{120}^{(10)}m_{013}^{(10)}-m_{002}^{(00)}m_{120}^{(11)}m_{211}^{(22)}+m_{002}^{(00)}m_{120}^{(11)}m_{202}^{(21)}\\
&+m_{002}^{(00)}m_{120}^{(11)}m_{112}^{(20)}-m_{002}^{(00)}m_{120}^{(11)}m_{103}^{(10)}-m_{002}^{(00)}m_{120}^{(20)}m_{121}^{(21)}+m_{002}^{(00)}m_{120}^{(20)}m_{112}^{(11)}\\
&+m_{002}^{(00)}m_{120}^{(20)}m_{031}^{(20)}-m_{002}^{(00)}m_{120}^{(20)}m_{022}^{(10)}+m_{002}^{(00)}m_{120}^{(21)}m_{211}^{(21)}-m_{002}^{(00)}m_{120}^{(21)}m_{202}^{(11)}\\
&-m_{002}^{(00)}m_{120}^{(21)}m_{121}^{(20)}+m_{002}^{(00)}m_{120}^{(21)}m_{112}^{(10)}+m_{002}^{(00)}m_{111}^{(00)}m_{040}^{(22)}-2m_{002}^{(00)}m_{111}^{(00)}m_{031}^{(21)}\\
&+m_{002}^{(00)}m_{111}^{(00)}m_{022}^{(11)}-2m_{002}^{(00)}m_{111}^{(10)}m_{130}^{(22)}+3m_{002}^{(00)}m_{111}^{(10)}m_{121}^{(21)}-m_{002}^{(00)}m_{111}^{(10)}m_{112}^{(11)}\\
&+m_{002}^{(00)}m_{111}^{(10)}m_{031}^{(20)}-m_{002}^{(00)}m_{111}^{(10)}m_{022}^{(10)}+m_{002}^{(00)}m_{111}^{(11)}m_{220}^{(22)}-m_{002}^{(00)}m_{111}^{(11)}m_{211}^{(21)}\\
&-m_{002}^{(00)}m_{111}^{(11)}m_{121}^{(20)}+m_{002}^{(00)}m_{111}^{(11)}m_{112}^{(10)}+m_{002}^{(00)}m_{111}^{(20)}m_{130}^{(21)}-m_{002}^{(00)}m_{111}^{(20)}m_{121}^{(11)}\\
&-m_{002}^{(00)}m_{111}^{(20)}m_{040}^{(20)}+m_{002}^{(00)}m_{111}^{(20)}m_{031}^{(10)}-m_{002}^{(00)}m_{111}^{(21)}m_{220}^{(21)}+m_{002}^{(00)}m_{111}^{(21)}m_{211}^{(11)}\\
&+m_{002}^{(00)}m_{111}^{(21)}m_{130}^{(20)}-m_{002}^{(00)}m_{111}^{(21)}m_{121}^{(10)}+m_{002}^{(00)}m_{030}^{(00)}m_{121}^{(22)}-m_{002}^{(00)}m_{030}^{(00)}m_{112}^{(21)}\\
&-m_{002}^{(00)}m_{030}^{(00)}m_{022}^{(20)}+m_{002}^{(00)}m_{030}^{(00)}m_{013}^{(10)}-2m_{002}^{(00)}m_{030}^{(10)}m_{211}^{(22)}+m_{002}^{(00)}m_{030}^{(10)}m_{202}^{(21)}\\
&+3m_{002}^{(00)}m_{030}^{(10)}m_{112}^{(20)}-m_{002}^{(00)}m_{030}^{(10)}m_{103}^{(10)}-m_{002}^{(00)}m_{030}^{(10)}m_{013}^{(00)}+m_{002}^{(00)}m_{030}^{(11)}m_{301}^{(22)}\\
&-2m_{002}^{(00)}m_{030}^{(11)}m_{202}^{(20)}+m_{002}^{(00)}m_{030}^{(11)}m_{103}^{(00)}+m_{002}^{(00)}m_{030}^{(20)}m_{211}^{(21)}-m_{002}^{(00)}m_{030}^{(20)}m_{121}^{(20)}\\
&-m_{002}^{(00)}m_{030}^{(20)}m_{112}^{(10)}+m_{002}^{(00)}m_{030}^{(20)}m_{022}^{(00)}-m_{002}^{(00)}m_{030}^{(21)}m_{301}^{(21)}+m_{002}^{(00)}m_{030}^{(21)}m_{211}^{(20)}\\
&+m_{002}^{(00)}m_{030}^{(21)}m_{202}^{(10)}-m_{002}^{(00)}m_{030}^{(21)}m_{112}^{(00)}-m_{002}^{(00)}m_{021}^{(00)}m_{130}^{(22)}+m_{002}^{(00)}m_{021}^{(00)}m_{112}^{(11)}\\
&+2m_{002}^{(00)}m_{021}^{(00)}m_{031}^{(20)}-2m_{002}^{(00)}m_{021}^{(00)}m_{022}^{(10)}+2m_{002}^{(00)}m_{021}^{(10)}m_{220}^{(22)}+m_{002}^{(00)}m_{021}^{(10)}m_{211}^{(21)}\\
&-m_{002}^{(00)}m_{021}^{(10)}m_{202}^{(11)}-5m_{002}^{(00)}m_{021}^{(10)}m_{121}^{(20)}+m_{002}^{(00)}m_{021}^{(10)}m_{112}^{(10)}+2m_{002}^{(00)}m_{021}^{(10)}m_{022}^{(00)}\\
&-m_{002}^{(00)}m_{021}^{(11)}m_{310}^{(22)}-m_{002}^{(00)}m_{021}^{(11)}m_{301}^{(21)}+3m_{002}^{(00)}m_{021}^{(11)}m_{211}^{(20)}+m_{002}^{(00)}m_{021}^{(11)}m_{202}^{(10)}\\
&-2m_{002}^{(00)}m_{021}^{(11)}m_{112}^{(00)}-m_{002}^{(00)}m_{021}^{(20)}m_{220}^{(21)}-m_{002}^{(00)}m_{021}^{(20)}m_{211}^{(11)}+m_{002}^{(00)}m_{021}^{(20)}m_{130}^{(20)}\\
&+3m_{002}^{(00)}m_{021}^{(20)}m_{121}^{(10)}-2m_{002}^{(00)}m_{021}^{(20)}m_{031}^{(00)}+m_{002}^{(00)}m_{021}^{(21)}m_{310}^{(21)}+m_{002}^{(00)}m_{021}^{(21)}m_{301}^{(11)}\\
&-m_{002}^{(00)}m_{021}^{(21)}m_{220}^{(20)}-3m_{002}^{(00)}m_{021}^{(21)}m_{211}^{(10)}+2m_{002}^{(00)}m_{021}^{(21)}m_{121}^{(00)}+m_{002}^{(00)}m_{012}^{(00)}m_{130}^{(21)}\\
&-m_{002}^{(00)}m_{012}^{(00)}m_{121}^{(11)}-m_{002}^{(00)}m_{012}^{(00)}m_{040}^{(20)}+m_{002}^{(00)}m_{012}^{(00)}m_{031}^{(10)}-2m_{002}^{(00)}m_{012}^{(10)}m_{220}^{(21)}
\end{aligned}
$$

$$+m_{002}^{(00)}m_{012}^{(10)}m_{211}^{(11)}+2m_{002}^{(00)}m_{012}^{(10)}m_{130}^{(20)}-m_{002}^{(00)}m_{012}^{(10)}m_{031}^{(00)}+m_{002}^{(00)}m_{012}^{(11)}m_{310}^{(21)}$$
$$-m_{002}^{(00)}m_{012}^{(11)}m_{220}^{(20)}-m_{002}^{(00)}m_{012}^{(11)}m_{211}^{(10)}+m_{002}^{(00)}m_{012}^{(11)}m_{121}^{(00)}+m_{002}^{(00)}m_{012}^{(20)}m_{220}^{(11)}$$
$$-2m_{002}^{(00)}m_{012}^{(20)}m_{130}^{(10)}+m_{002}^{(00)}m_{012}^{(20)}m_{040}^{(00)}-m_{002}^{(00)}m_{012}^{(21)}m_{310}^{(11)}+2m_{002}^{(00)}m_{012}^{(21)}m_{220}^{(10)}$$
$$-m_{002}^{(00)}m_{012}^{(21)}m_{130}^{(00)}+2m_{002}^{(10)}m_{210}^{(00)}m_{031}^{(22)}-4m_{002}^{(10)}m_{210}^{(00)}m_{022}^{(21)}+2m_{002}^{(10)}m_{210}^{(00)}m_{013}^{(11)}$$
$$-4m_{002}^{(10)}m_{210}^{(10)}m_{121}^{(22)}+6m_{002}^{(10)}m_{210}^{(10)}m_{112}^{(21)}-2m_{002}^{(10)}m_{210}^{(10)}m_{103}^{(11)}+2m_{002}^{(10)}m_{210}^{(10)}m_{022}^{(20)}$$
$$-2m_{002}^{(10)}m_{210}^{(10)}m_{013}^{(10)}+2m_{002}^{(10)}m_{210}^{(11)}m_{211}^{(22)}-2m_{002}^{(10)}m_{210}^{(11)}m_{202}^{(21)}-2m_{002}^{(10)}m_{210}^{(11)}m_{112}^{(20)}$$
$$+2m_{002}^{(10)}m_{210}^{(11)}m_{103}^{(10)}+2m_{002}^{(10)}m_{210}^{(20)}m_{121}^{(21)}-2m_{002}^{(10)}m_{210}^{(20)}m_{112}^{(11)}-2m_{002}^{(10)}m_{210}^{(20)}m_{031}^{(20)}$$
$$+2m_{002}^{(10)}m_{210}^{(20)}m_{022}^{(10)}-2m_{002}^{(10)}m_{210}^{(21)}m_{211}^{(21)}+2m_{002}^{(10)}m_{210}^{(21)}m_{202}^{(11)}+2m_{002}^{(10)}m_{210}^{(21)}m_{121}^{(20)}$$
$$-2m_{002}^{(10)}m_{210}^{(21)}m_{112}^{(10)}-m_{002}^{(10)}m_{201}^{(00)}m_{040}^{(22)}+2m_{002}^{(10)}m_{201}^{(00)}m_{031}^{(21)}-m_{002}^{(10)}m_{201}^{(00)}m_{022}^{(11)}$$
$$+2m_{002}^{(10)}m_{201}^{(10)}m_{130}^{(22)}-3m_{002}^{(10)}m_{201}^{(10)}m_{121}^{(21)}+m_{002}^{(10)}m_{201}^{(10)}m_{112}^{(11)}-m_{002}^{(10)}m_{201}^{(10)}m_{031}^{(20)}$$
$$+m_{002}^{(10)}m_{201}^{(10)}m_{022}^{(10)}-m_{002}^{(10)}m_{201}^{(11)}m_{220}^{(22)}+m_{002}^{(10)}m_{201}^{(11)}m_{211}^{(21)}+m_{002}^{(10)}m_{201}^{(11)}m_{121}^{(20)}$$
$$-m_{002}^{(10)}m_{201}^{(11)}m_{112}^{(10)}-m_{002}^{(10)}m_{201}^{(20)}m_{130}^{(21)}+m_{002}^{(10)}m_{201}^{(20)}m_{121}^{(11)}+m_{002}^{(10)}m_{201}^{(20)}m_{040}^{(20)}$$
$$-m_{002}^{(10)}m_{201}^{(20)}m_{031}^{(10)}+m_{002}^{(10)}m_{201}^{(21)}m_{220}^{(21)}-m_{002}^{(10)}m_{201}^{(21)}m_{211}^{(11)}-m_{002}^{(10)}m_{201}^{(21)}m_{130}^{(20)}$$
$$+m_{002}^{(10)}m_{201}^{(21)}m_{121}^{(10)}-2m_{002}^{(10)}m_{120}^{(00)}m_{121}^{(22)}+2m_{002}^{(10)}m_{120}^{(00)}m_{112}^{(21)}+2m_{002}^{(10)}m_{120}^{(00)}m_{022}^{(20)}$$
$$-2m_{002}^{(10)}m_{120}^{(00)}m_{013}^{(10)}+4m_{002}^{(10)}m_{120}^{(10)}m_{211}^{(22)}-2m_{002}^{(10)}m_{120}^{(10)}m_{202}^{(21)}-6m_{002}^{(10)}m_{120}^{(10)}m_{112}^{(20)}$$
$$+2m_{002}^{(10)}m_{120}^{(10)}m_{103}^{(10)}+2m_{002}^{(10)}m_{120}^{(10)}m_{013}^{(00)}-2m_{002}^{(10)}m_{120}^{(11)}m_{301}^{(22)}+4m_{002}^{(10)}m_{120}^{(11)}m_{202}^{(20)}$$
$$-2m_{002}^{(10)}m_{120}^{(11)}m_{103}^{(00)}-2m_{002}^{(10)}m_{120}^{(20)}m_{211}^{(21)}+2m_{002}^{(10)}m_{120}^{(20)}m_{121}^{(20)}+2m_{002}^{(10)}m_{120}^{(20)}m_{112}^{(10)}$$
$$-2m_{002}^{(10)}m_{120}^{(20)}m_{022}^{(00)}+2m_{002}^{(10)}m_{120}^{(21)}m_{301}^{(21)}-2m_{002}^{(10)}m_{120}^{(21)}m_{211}^{(20)}-2m_{002}^{(10)}m_{120}^{(21)}m_{202}^{(10)}$$
$$+2m_{002}^{(10)}m_{120}^{(21)}m_{112}^{(00)}+3m_{002}^{(10)}m_{111}^{(00)}m_{121}^{(21)}-3m_{002}^{(10)}m_{111}^{(00)}m_{112}^{(11)}-3m_{002}^{(10)}m_{111}^{(00)}m_{031}^{(20)}$$
$$+3m_{002}^{(10)}m_{111}^{(00)}m_{022}^{(10)}-6m_{002}^{(10)}m_{111}^{(10)}m_{211}^{(21)}+3m_{002}^{(10)}m_{111}^{(10)}m_{202}^{(11)}+6m_{002}^{(10)}m_{111}^{(10)}m_{121}^{(20)}$$
$$-3m_{002}^{(10)}m_{111}^{(10)}m_{022}^{(00)}+3m_{002}^{(10)}m_{111}^{(11)}m_{301}^{(21)}-3m_{002}^{(10)}m_{111}^{(11)}m_{211}^{(20)}-3m_{002}^{(10)}m_{111}^{(11)}m_{202}^{(10)}$$
$$+3m_{002}^{(10)}m_{111}^{(11)}m_{112}^{(00)}+3m_{002}^{(10)}m_{111}^{(20)}m_{211}^{(11)}-6m_{002}^{(10)}m_{111}^{(20)}m_{121}^{(10)}+3m_{002}^{(10)}m_{111}^{(20)}m_{031}^{(00)}$$
$$-3m_{002}^{(10)}m_{111}^{(21)}m_{301}^{(11)}+6m_{002}^{(10)}m_{111}^{(21)}m_{211}^{(10)}-3m_{002}^{(10)}m_{111}^{(21)}m_{121}^{(00)}-m_{002}^{(10)}m_{102}^{(00)}m_{130}^{(21)}$$
$$+m_{002}^{(10)}m_{102}^{(00)}m_{121}^{(11)}+m_{002}^{(10)}m_{102}^{(00)}m_{040}^{(20)}-m_{002}^{(10)}m_{102}^{(00)}m_{031}^{(10)}+2m_{002}^{(10)}m_{102}^{(10)}m_{220}^{(21)}$$
$$-m_{002}^{(10)}m_{102}^{(10)}m_{211}^{(11)}-2m_{002}^{(10)}m_{102}^{(10)}m_{130}^{(20)}+m_{002}^{(10)}m_{102}^{(10)}m_{031}^{(00)}-m_{002}^{(10)}m_{102}^{(11)}m_{310}^{(21)}$$
$$+m_{002}^{(10)}m_{102}^{(11)}m_{220}^{(20)}+m_{002}^{(10)}m_{102}^{(11)}m_{211}^{(10)}-m_{002}^{(10)}m_{102}^{(11)}m_{121}^{(00)}-m_{002}^{(10)}m_{102}^{(20)}m_{220}^{(11)}$$
$$+2m_{002}^{(10)}m_{102}^{(20)}m_{130}^{(10)}-m_{002}^{(10)}m_{102}^{(20)}m_{040}^{(00)}+m_{002}^{(10)}m_{102}^{(21)}m_{310}^{(11)}-2m_{002}^{(10)}m_{102}^{(21)}m_{220}^{(10)}$$
$$+m_{002}^{(10)}m_{102}^{(21)}m_{130}^{(00)}+m_{002}^{(10)}m_{021}^{(00)}m_{220}^{(22)}-m_{002}^{(10)}m_{021}^{(00)}m_{211}^{(21)}-m_{002}^{(10)}m_{021}^{(00)}m_{121}^{(20)}$$
$$+m_{002}^{(10)}m_{021}^{(00)}m_{112}^{(10)}-2m_{002}^{(10)}m_{021}^{(10)}m_{310}^{(22)}+m_{002}^{(10)}m_{021}^{(10)}m_{301}^{(21)}+3m_{002}^{(10)}m_{021}^{(10)}m_{211}^{(20)}$$
$$-m_{002}^{(10)}m_{021}^{(10)}m_{202}^{(10)}-m_{002}^{(10)}m_{021}^{(10)}m_{112}^{(00)}+m_{002}^{(10)}m_{021}^{(11)}m_{400}^{(22)}-2m_{002}^{(10)}m_{021}^{(11)}m_{301}^{(20)}$$
$$+m_{002}^{(10)}m_{021}^{(11)}m_{202}^{(00)}+m_{002}^{(10)}m_{021}^{(20)}m_{310}^{(21)}-m_{002}^{(10)}m_{021}^{(20)}m_{220}^{(20)}-m_{002}^{(10)}m_{021}^{(20)}m_{211}^{(10)}$$
$$+m_{002}^{(10)}m_{021}^{(20)}m_{121}^{(00)}-m_{002}^{(10)}m_{021}^{(21)}m_{400}^{(21)}+m_{002}^{(10)}m_{021}^{(21)}m_{310}^{(20)}+m_{002}^{(10)}m_{021}^{(21)}m_{301}^{(10)}$$
$$-m_{002}^{(10)}m_{021}^{(21)}m_{211}^{(00)}-m_{002}^{(10)}m_{012}^{(00)}m_{220}^{(21)}+m_{002}^{(10)}m_{012}^{(00)}m_{211}^{(11)}+m_{002}^{(10)}m_{012}^{(00)}m_{130}^{(20)}$$
$$-m_{002}^{(10)}m_{012}^{(00)}m_{121}^{(10)}+2m_{002}^{(10)}m_{012}^{(10)}m_{310}^{(21)}-m_{002}^{(10)}m_{012}^{(10)}m_{301}^{(11)}-2m_{002}^{(10)}m_{012}^{(10)}m_{220}^{(20)}$$
$$+m_{002}^{(10)}m_{012}^{(10)}m_{121}^{(00)}-m_{002}^{(10)}m_{012}^{(11)}m_{400}^{(21)}+m_{002}^{(10)}m_{012}^{(11)}m_{310}^{(20)}+m_{002}^{(10)}m_{012}^{(11)}m_{301}^{(10)}$$
$$-m_{002}^{(10)}m_{012}^{(11)}m_{211}^{(00)}-m_{002}^{(10)}m_{012}^{(20)}m_{310}^{(11)}+2m_{002}^{(10)}m_{012}^{(20)}m_{220}^{(10)}-m_{002}^{(10)}m_{012}^{(20)}m_{130}^{(00)}$$
$$+m_{002}^{(10)}m_{012}^{(21)}m_{400}^{(11)}-2m_{002}^{(10)}m_{012}^{(21)}m_{310}^{(10)}+m_{002}^{(10)}m_{012}^{(21)}m_{220}^{(00)}-m_{002}^{(11)}m_{300}^{(00)}m_{031}^{(22)}$$
$$+2m_{002}^{(11)}m_{300}^{(00)}m_{022}^{(21)}-m_{002}^{(11)}m_{300}^{(00)}m_{013}^{(11)}+2m_{002}^{(11)}m_{300}^{(10)}m_{121}^{(22)}-3m_{002}^{(11)}m_{300}^{(10)}m_{112}^{(21)}$$

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\begin{aligned}
&+m_{002}^{(11)}m_{300}^{(10)}m_{103}^{(11)} - m_{002}^{(11)}m_{300}^{(10)}m_{022}^{(20)} + m_{002}^{(11)}m_{300}^{(10)}m_{013}^{(10)} - m_{002}^{(11)}m_{300}^{(11)}m_{211}^{(22)}\\
&+m_{002}^{(11)}m_{300}^{(11)}m_{202}^{(21)} + m_{002}^{(11)}m_{300}^{(11)}m_{112}^{(20)} - m_{002}^{(11)}m_{300}^{(11)}m_{103}^{(10)} - m_{002}^{(11)}m_{300}^{(20)}m_{121}^{(21)}\\
&+m_{002}^{(11)}m_{300}^{(20)}m_{112}^{(11)} + m_{002}^{(11)}m_{300}^{(20)}m_{031}^{(20)} - m_{002}^{(11)}m_{300}^{(20)}m_{022}^{(10)} + m_{002}^{(11)}m_{300}^{(21)}m_{211}^{(21)}\\
&-m_{002}^{(11)}m_{300}^{(21)}m_{202}^{(11)} - m_{002}^{(11)}m_{300}^{(21)}m_{121}^{(20)} + m_{002}^{(11)}m_{300}^{(21)}m_{112}^{(10)} + m_{002}^{(11)}m_{210}^{(00)}m_{121}^{(22)}\\
&-m_{002}^{(11)}m_{210}^{(00)}m_{112}^{(21)} - m_{002}^{(11)}m_{210}^{(00)}m_{022}^{(20)} + m_{002}^{(11)}m_{210}^{(00)}m_{013}^{(10)} - 2m_{002}^{(11)}m_{210}^{(10)}m_{211}^{(22)}\\
&+m_{002}^{(11)}m_{210}^{(10)}m_{202}^{(21)} + 3m_{002}^{(11)}m_{210}^{(10)}m_{112}^{(20)} - m_{002}^{(11)}m_{210}^{(10)}m_{103}^{(10)} - m_{002}^{(11)}m_{210}^{(10)}m_{013}^{(00)}\\
&+m_{002}^{(11)}m_{210}^{(11)}m_{301}^{(22)} - 2m_{002}^{(11)}m_{210}^{(11)}m_{202}^{(20)} + m_{002}^{(11)}m_{210}^{(11)}m_{103}^{(00)} + m_{002}^{(11)}m_{210}^{(20)}m_{211}^{(21)}\\
&-m_{002}^{(11)}m_{210}^{(20)}m_{121}^{(20)} - m_{002}^{(11)}m_{210}^{(20)}m_{112}^{(10)} + m_{002}^{(11)}m_{210}^{(20)}m_{022}^{(00)} - m_{002}^{(11)}m_{210}^{(21)}m_{301}^{(21)}\\
&+m_{002}^{(11)}m_{210}^{(21)}m_{211}^{(20)} + m_{002}^{(11)}m_{210}^{(21)}m_{202}^{(10)} - m_{002}^{(11)}m_{210}^{(21)}m_{112}^{(00)} + m_{002}^{(11)}m_{201}^{(00)}m_{130}^{(22)}\\
&-3m_{002}^{(11)}m_{201}^{(00)}m_{121}^{(21)} + 2m_{002}^{(11)}m_{201}^{(00)}m_{112}^{(11)} + m_{002}^{(11)}m_{201}^{(00)}m_{031}^{(20)} - m_{002}^{(11)}m_{201}^{(00)}m_{022}^{(10)}\\
&-2m_{002}^{(11)}m_{201}^{(10)}m_{220}^{(22)} + 5m_{002}^{(11)}m_{201}^{(10)}m_{211}^{(21)} - 2m_{002}^{(11)}m_{201}^{(10)}m_{202}^{(11)} - m_{002}^{(11)}m_{201}^{(10)}m_{121}^{(20)}\\
&-m_{002}^{(11)}m_{201}^{(10)}m_{112}^{(10)} + m_{002}^{(11)}m_{201}^{(10)}m_{022}^{(00)} + m_{002}^{(11)}m_{201}^{(11)}m_{310}^{(22)} - 2m_{002}^{(11)}m_{201}^{(11)}m_{301}^{(21)}\\
&+2m_{002}^{(11)}m_{201}^{(11)}m_{202}^{(10)} - m_{002}^{(11)}m_{201}^{(11)}m_{112}^{(00)} + m_{002}^{(11)}m_{201}^{(20)}m_{220}^{(21)} - 2m_{002}^{(11)}m_{201}^{(20)}m_{211}^{(11)}\\
&-m_{002}^{(11)}m_{201}^{(20)}m_{130}^{(20)} + 3m_{002}^{(11)}m_{201}^{(20)}m_{121}^{(10)} - m_{002}^{(11)}m_{201}^{(20)}m_{031}^{(00)} - m_{002}^{(11)}m_{201}^{(21)}m_{310}^{(21)}\\
&+2m_{002}^{(11)}m_{201}^{(21)}m_{301}^{(11)} + m_{002}^{(11)}m_{201}^{(21)}m_{220}^{(20)} - 3m_{002}^{(11)}m_{201}^{(21)}m_{211}^{(10)} + m_{002}^{(11)}m_{201}^{(21)}m_{121}^{(00)}\\
&-m_{002}^{(11)}m_{111}^{(00)}m_{220}^{(22)} + m_{002}^{(11)}m_{111}^{(00)}m_{211}^{(21)} + m_{002}^{(11)}m_{111}^{(00)}m_{121}^{(20)} - m_{002}^{(11)}m_{111}^{(00)}m_{112}^{(10)}\\
&+2m_{002}^{(11)}m_{111}^{(10)}m_{310}^{(22)} - m_{002}^{(11)}m_{111}^{(10)}m_{301}^{(21)} - 3m_{002}^{(11)}m_{111}^{(10)}m_{211}^{(20)} + m_{002}^{(11)}m_{111}^{(10)}m_{202}^{(10)}\\
&+m_{002}^{(11)}m_{111}^{(10)}m_{112}^{(00)} - m_{002}^{(11)}m_{111}^{(11)}m_{400}^{(22)} + 2m_{002}^{(11)}m_{111}^{(11)}m_{301}^{(20)} - m_{002}^{(11)}m_{111}^{(11)}m_{202}^{(00)}\\
&-m_{002}^{(11)}m_{111}^{(20)}m_{310}^{(21)} + m_{002}^{(11)}m_{111}^{(20)}m_{220}^{(20)} + m_{002}^{(11)}m_{111}^{(20)}m_{211}^{(10)} - m_{002}^{(11)}m_{111}^{(20)}m_{121}^{(00)}\\
&+m_{002}^{(11)}m_{111}^{(21)}m_{400}^{(21)} - m_{002}^{(11)}m_{111}^{(21)}m_{310}^{(20)} - m_{002}^{(11)}m_{111}^{(21)}m_{301}^{(10)} + m_{002}^{(11)}m_{111}^{(21)}m_{211}^{(00)}\\
&+m_{002}^{(11)}m_{102}^{(00)}m_{220}^{(21)} - m_{002}^{(11)}m_{102}^{(00)}m_{211}^{(11)} - m_{002}^{(11)}m_{102}^{(00)}m_{130}^{(20)} + m_{002}^{(11)}m_{102}^{(00)}m_{121}^{(10)}\\
&-2m_{002}^{(11)}m_{102}^{(10)}m_{310}^{(21)} + m_{002}^{(11)}m_{102}^{(10)}m_{301}^{(11)} + 2m_{002}^{(11)}m_{102}^{(10)}m_{220}^{(20)} - m_{002}^{(11)}m_{102}^{(10)}m_{121}^{(00)}\\
&+m_{002}^{(11)}m_{102}^{(11)}m_{400}^{(21)} - m_{002}^{(11)}m_{102}^{(11)}m_{310}^{(20)} - m_{002}^{(11)}m_{102}^{(11)}m_{301}^{(10)} + m_{002}^{(11)}m_{102}^{(11)}m_{211}^{(00)}\\
&+m_{002}^{(11)}m_{102}^{(20)}m_{310}^{(11)} - 2m_{002}^{(11)}m_{102}^{(20)}m_{220}^{(10)} + m_{002}^{(11)}m_{102}^{(20)}m_{130}^{(00)} - m_{002}^{(11)}m_{102}^{(21)}m_{400}^{(11)}\\
&+2m_{002}^{(11)}m_{102}^{(21)}m_{310}^{(10)} - m_{002}^{(11)}m_{102}^{(21)}m_{220}^{(00)} - m_{002}^{(20)}m_{210}^{(00)}m_{040}^{(22)} + 2m_{002}^{(20)}m_{210}^{(00)}m_{031}^{(21)}\\
&-m_{002}^{(20)}m_{210}^{(00)}m_{022}^{(11)} + 2m_{002}^{(20)}m_{210}^{(10)}m_{130}^{(22)} - 3m_{002}^{(20)}m_{210}^{(10)}m_{121}^{(21)} + m_{002}^{(20)}m_{210}^{(10)}m_{112}^{(11)}\\
&-m_{002}^{(20)}m_{210}^{(10)}m_{031}^{(20)} + m_{002}^{(20)}m_{210}^{(10)}m_{022}^{(10)} - m_{002}^{(20)}m_{210}^{(11)}m_{220}^{(22)} + m_{002}^{(20)}m_{210}^{(11)}m_{211}^{(21)}\\
&+m_{002}^{(20)}m_{210}^{(11)}m_{121}^{(20)} - m_{002}^{(20)}m_{210}^{(11)}m_{112}^{(10)} - m_{002}^{(20)}m_{210}^{(20)}m_{130}^{(21)} + m_{002}^{(20)}m_{210}^{(20)}m_{121}^{(11)}\\
&+m_{002}^{(20)}m_{210}^{(20)}m_{040}^{(20)} - m_{002}^{(20)}m_{210}^{(20)}m_{031}^{(10)} + m_{002}^{(20)}m_{210}^{(21)}m_{220}^{(21)} - m_{002}^{(20)}m_{210}^{(21)}m_{211}^{(11)}\\
&-m_{002}^{(20)}m_{210}^{(21)}m_{130}^{(20)} + m_{002}^{(20)}m_{210}^{(21)}m_{121}^{(10)} + 2m_{002}^{(20)}m_{120}^{(00)}m_{130}^{(22)} - 3m_{002}^{(20)}m_{120}^{(00)}m_{121}^{(21)}\\
&+m_{002}^{(20)}m_{120}^{(00)}m_{112}^{(11)} - m_{002}^{(20)}m_{120}^{(00)}m_{031}^{(20)} + m_{002}^{(20)}m_{120}^{(00)}m_{022}^{(10)} - 4m_{002}^{(20)}m_{120}^{(10)}m_{220}^{(22)}\\
&+4m_{002}^{(20)}m_{120}^{(10)}m_{211}^{(21)} - m_{002}^{(20)}m_{120}^{(10)}m_{202}^{(11)} + 4m_{002}^{(20)}m_{120}^{(10)}m_{121}^{(20)} - 2m_{002}^{(20)}m_{120}^{(10)}m_{112}^{(10)}\\
&-m_{002}^{(20)}m_{120}^{(10)}m_{022}^{(00)} + 2m_{002}^{(20)}m_{120}^{(11)}m_{310}^{(22)} - m_{002}^{(20)}m_{120}^{(11)}m_{301}^{(21)} - 3m_{002}^{(20)}m_{120}^{(11)}m_{211}^{(20)}\\
&+m_{002}^{(20)}m_{120}^{(11)}m_{202}^{(10)} + m_{002}^{(20)}m_{120}^{(11)}m_{112}^{(00)} + 2m_{002}^{(20)}m_{120}^{(20)}m_{220}^{(21)} - m_{002}^{(20)}m_{120}^{(20)}m_{211}^{(11)}\\
&-2m_{002}^{(20)}m_{120}^{(20)}m_{130}^{(20)} + m_{002}^{(20)}m_{120}^{(20)}m_{031}^{(00)} - 2m_{002}^{(20)}m_{120}^{(21)}m_{310}^{(21)} + m_{002}^{(20)}m_{120}^{(21)}m_{301}^{(11)}\\
&+2m_{002}^{(20)}m_{120}^{(21)}m_{220}^{(20)} - m_{002}^{(20)}m_{120}^{(21)}m_{121}^{(00)} - m_{002}^{(20)}m_{111}^{(00)}m_{130}^{(21)} + m_{002}^{(20)}m_{111}^{(00)}m_{121}^{(11)}\\
&+m_{002}^{(20)}m_{111}^{(00)}m_{040}^{(20)} - m_{002}^{(20)}m_{111}^{(00)}m_{031}^{(10)} + 2m_{002}^{(20)}m_{111}^{(10)}m_{220}^{(21)} - m_{002}^{(20)}m_{111}^{(10)}m_{211}^{(11)}\\
&-2m_{002}^{(20)}m_{111}^{(10)}m_{130}^{(20)} + m_{002}^{(20)}m_{111}^{(10)}m_{031}^{(00)} - m_{002}^{(20)}m_{111}^{(11)}m_{310}^{(21)} + m_{002}^{(20)}m_{111}^{(11)}m_{220}^{(20)}
\end{aligned}
$$

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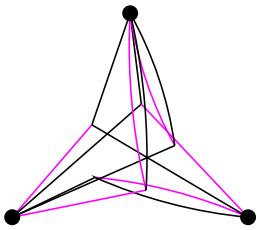
\begin{aligned}
&+m_{002}^{(20)}m_{111}^{(11)}m_{211}^{(10)} - m_{002}^{(20)}m_{111}^{(11)}m_{121}^{(00)} - m_{002}^{(20)}m_{111}^{(20)}m_{220}^{(11)} + 2m_{002}^{(20)}m_{111}^{(20)}m_{130}^{(10)}\\
&-m_{002}^{(20)}m_{111}^{(20)}m_{040}^{(00)} + m_{002}^{(20)}m_{111}^{(21)}m_{310}^{(11)} - 2m_{002}^{(20)}m_{111}^{(21)}m_{220}^{(10)} + m_{002}^{(20)}m_{111}^{(21)}m_{130}^{(00)}\\
&-m_{002}^{(20)}m_{030}^{(00)}m_{220}^{(22)} + m_{002}^{(20)}m_{030}^{(00)}m_{211}^{(21)} + m_{002}^{(20)}m_{030}^{(00)}m_{121}^{(20)} - m_{002}^{(20)}m_{030}^{(00)}m_{112}^{(10)}\\
&+2m_{002}^{(20)}m_{030}^{(10)}m_{310}^{(22)} - m_{002}^{(20)}m_{030}^{(10)}m_{301}^{(21)} - 3m_{002}^{(20)}m_{030}^{(10)}m_{211}^{(20)} + m_{002}^{(20)}m_{030}^{(10)}m_{202}^{(10)}\\
&+m_{002}^{(20)}m_{030}^{(10)}m_{112}^{(00)} - m_{002}^{(20)}m_{030}^{(11)}m_{400}^{(22)} + 2m_{002}^{(20)}m_{030}^{(11)}m_{301}^{(20)} - m_{002}^{(20)}m_{030}^{(11)}m_{202}^{(00)}\\
&-m_{002}^{(20)}m_{030}^{(20)}m_{310}^{(21)} + m_{002}^{(20)}m_{030}^{(20)}m_{220}^{(20)} + m_{002}^{(20)}m_{030}^{(20)}m_{211}^{(10)} - m_{002}^{(20)}m_{030}^{(20)}m_{121}^{(00)}\\
&+m_{002}^{(20)}m_{030}^{(21)}m_{400}^{(21)} - m_{002}^{(20)}m_{030}^{(21)}m_{310}^{(20)} - m_{002}^{(20)}m_{030}^{(21)}m_{301}^{(10)} + m_{002}^{(20)}m_{030}^{(21)}m_{211}^{(00)}\\
&+m_{002}^{(20)}m_{021}^{(00)}m_{220}^{(21)} - m_{002}^{(20)}m_{021}^{(00)}m_{211}^{(11)} - m_{002}^{(20)}m_{021}^{(00)}m_{130}^{(20)} + m_{002}^{(20)}m_{021}^{(00)}m_{121}^{(10)}\\
&-2m_{002}^{(20)}m_{021}^{(10)}m_{310}^{(21)} + m_{002}^{(20)}m_{021}^{(10)}m_{301}^{(11)} + 2m_{002}^{(20)}m_{021}^{(10)}m_{220}^{(20)} - m_{002}^{(20)}m_{021}^{(10)}m_{121}^{(00)}\\
&+m_{002}^{(20)}m_{021}^{(11)}m_{400}^{(21)} - m_{002}^{(20)}m_{021}^{(11)}m_{310}^{(20)} - m_{002}^{(20)}m_{021}^{(11)}m_{301}^{(10)} + m_{002}^{(20)}m_{021}^{(11)}m_{211}^{(00)}\\
&+m_{002}^{(20)}m_{021}^{(20)}m_{310}^{(11)} - 2m_{002}^{(20)}m_{021}^{(20)}m_{220}^{(10)} + m_{002}^{(20)}m_{021}^{(20)}m_{130}^{(00)} - m_{002}^{(20)}m_{021}^{(21)}m_{400}^{(11)}\\
&+2m_{002}^{(20)}m_{021}^{(21)}m_{310}^{(10)} - m_{002}^{(20)}m_{021}^{(21)}m_{220}^{(00)} + m_{002}^{(21)}m_{300}^{(00)}m_{040}^{(22)} - 2m_{002}^{(21)}m_{300}^{(00)}m_{031}^{(21)}\\
&+m_{002}^{(21)}m_{300}^{(00)}m_{022}^{(11)} - 2m_{002}^{(21)}m_{300}^{(10)}m_{130}^{(22)} + 3m_{002}^{(21)}m_{300}^{(10)}m_{121}^{(21)} - m_{002}^{(21)}m_{300}^{(10)}m_{112}^{(11)}\\
&+m_{002}^{(21)}m_{300}^{(10)}m_{031}^{(20)} - m_{002}^{(21)}m_{300}^{(10)}m_{022}^{(10)} + m_{002}^{(21)}m_{300}^{(11)}m_{220}^{(22)} - m_{002}^{(21)}m_{300}^{(11)}m_{211}^{(21)}\\
&-m_{002}^{(21)}m_{300}^{(11)}m_{121}^{(20)} + m_{002}^{(21)}m_{300}^{(11)}m_{112}^{(10)} + m_{002}^{(21)}m_{300}^{(20)}m_{130}^{(21)} - m_{002}^{(21)}m_{300}^{(20)}m_{121}^{(11)}\\
&-m_{002}^{(21)}m_{300}^{(20)}m_{040}^{(20)} + m_{002}^{(21)}m_{300}^{(20)}m_{031}^{(10)} - m_{002}^{(21)}m_{300}^{(21)}m_{220}^{(21)} + m_{002}^{(21)}m_{300}^{(21)}m_{211}^{(11)}\\
&+m_{002}^{(21)}m_{300}^{(21)}m_{130}^{(20)} - m_{002}^{(21)}m_{300}^{(21)}m_{121}^{(10)} - 2m_{002}^{(21)}m_{210}^{(00)}m_{130}^{(22)} + 3m_{002}^{(21)}m_{210}^{(00)}m_{121}^{(21)}\\
&-m_{002}^{(21)}m_{210}^{(00)}m_{112}^{(11)} + m_{002}^{(21)}m_{210}^{(00)}m_{031}^{(20)} - m_{002}^{(21)}m_{210}^{(00)}m_{022}^{(10)} + 4m_{002}^{(21)}m_{210}^{(10)}m_{220}^{(22)}\\
&-4m_{002}^{(21)}m_{210}^{(10)}m_{211}^{(21)} + m_{002}^{(21)}m_{210}^{(10)}m_{202}^{(11)} - 4m_{002}^{(21)}m_{210}^{(10)}m_{121}^{(20)} + 2m_{002}^{(21)}m_{210}^{(10)}m_{112}^{(10)}\\
&+m_{002}^{(21)}m_{210}^{(10)}m_{022}^{(00)} - 2m_{002}^{(21)}m_{210}^{(11)}m_{310}^{(22)} + m_{002}^{(21)}m_{210}^{(11)}m_{301}^{(21)} + 3m_{002}^{(21)}m_{210}^{(11)}m_{211}^{(20)}\\
&-m_{002}^{(21)}m_{210}^{(11)}m_{202}^{(10)} - m_{002}^{(21)}m_{210}^{(11)}m_{112}^{(00)} - 2m_{002}^{(21)}m_{210}^{(20)}m_{220}^{(21)} + m_{002}^{(21)}m_{210}^{(20)}m_{211}^{(11)}\\
&+2m_{002}^{(21)}m_{210}^{(20)}m_{130}^{(20)} - m_{002}^{(21)}m_{210}^{(20)}m_{031}^{(00)} + 2m_{002}^{(21)}m_{210}^{(21)}m_{310}^{(21)} - m_{002}^{(21)}m_{210}^{(21)}m_{301}^{(11)}\\
&-2m_{002}^{(21)}m_{210}^{(21)}m_{220}^{(20)} + m_{002}^{(21)}m_{210}^{(21)}m_{121}^{(00)} + m_{002}^{(21)}m_{201}^{(00)}m_{130}^{(21)} - m_{002}^{(21)}m_{201}^{(00)}m_{121}^{(11)}\\
&-m_{002}^{(21)}m_{201}^{(00)}m_{040}^{(20)} + m_{002}^{(21)}m_{201}^{(00)}m_{031}^{(10)} - 2m_{002}^{(21)}m_{201}^{(10)}m_{220}^{(21)} + m_{002}^{(21)}m_{201}^{(10)}m_{211}^{(11)}\\
&+2m_{002}^{(21)}m_{201}^{(10)}m_{130}^{(20)} - m_{002}^{(21)}m_{201}^{(10)}m_{031}^{(00)} + m_{002}^{(21)}m_{201}^{(11)}m_{310}^{(21)} - m_{002}^{(21)}m_{201}^{(11)}m_{220}^{(20)}\\
&-m_{002}^{(21)}m_{201}^{(11)}m_{211}^{(10)} + m_{002}^{(21)}m_{201}^{(11)}m_{121}^{(00)} + m_{002}^{(21)}m_{201}^{(20)}m_{220}^{(11)} - 2m_{002}^{(21)}m_{201}^{(20)}m_{130}^{(10)}\\
&+m_{002}^{(21)}m_{201}^{(20)}m_{040}^{(00)} - m_{002}^{(21)}m_{201}^{(21)}m_{310}^{(11)} + 2m_{002}^{(21)}m_{201}^{(21)}m_{220}^{(10)} - m_{002}^{(21)}m_{201}^{(21)}m_{130}^{(00)}\\
&+m_{002}^{(21)}m_{120}^{(00)}m_{220}^{(22)} - m_{002}^{(21)}m_{120}^{(00)}m_{211}^{(21)} - m_{002}^{(21)}m_{120}^{(00)}m_{121}^{(20)} + m_{002}^{(21)}m_{120}^{(00)}m_{112}^{(10)}\\
&-2m_{002}^{(21)}m_{120}^{(10)}m_{310}^{(22)} + m_{002}^{(21)}m_{120}^{(10)}m_{301}^{(21)} + 3m_{002}^{(21)}m_{120}^{(10)}m_{211}^{(20)} - m_{002}^{(21)}m_{120}^{(10)}m_{202}^{(10)}\\
&-m_{002}^{(21)}m_{120}^{(10)}m_{112}^{(00)} + m_{002}^{(21)}m_{120}^{(11)}m_{400}^{(22)} - 2m_{002}^{(21)}m_{120}^{(11)}m_{301}^{(20)} + m_{002}^{(21)}m_{120}^{(11)}m_{202}^{(00)}\\
&+m_{002}^{(21)}m_{120}^{(20)}m_{310}^{(21)} - m_{002}^{(21)}m_{120}^{(20)}m_{220}^{(20)} - m_{002}^{(21)}m_{120}^{(20)}m_{211}^{(10)} + m_{002}^{(21)}m_{120}^{(20)}m_{121}^{(00)}\\
&-m_{002}^{(21)}m_{120}^{(21)}m_{400}^{(21)} + m_{002}^{(21)}m_{120}^{(21)}m_{310}^{(20)} + m_{002}^{(21)}m_{120}^{(21)}m_{301}^{(10)} - m_{002}^{(21)}m_{120}^{(21)}m_{211}^{(00)}\\
&-m_{002}^{(21)}m_{111}^{(00)}m_{220}^{(21)} + m_{002}^{(21)}m_{111}^{(00)}m_{211}^{(11)} + m_{002}^{(21)}m_{111}^{(00)}m_{130}^{(20)} - m_{002}^{(21)}m_{111}^{(00)}m_{121}^{(10)}\\
&+2m_{002}^{(21)}m_{111}^{(10)}m_{310}^{(21)} - m_{002}^{(21)}m_{111}^{(10)}m_{301}^{(11)} - 2m_{002}^{(21)}m_{111}^{(10)}m_{220}^{(20)} + m_{002}^{(21)}m_{111}^{(10)}m_{121}^{(00)}\\
&-m_{002}^{(21)}m_{111}^{(11)}m_{400}^{(21)} + m_{002}^{(21)}m_{111}^{(11)}m_{310}^{(20)} + m_{002}^{(21)}m_{111}^{(11)}m_{301}^{(10)} - m_{002}^{(21)}m_{111}^{(11)}m_{211}^{(00)}\\
&-m_{002}^{(21)}m_{111}^{(20)}m_{310}^{(11)} + 2m_{002}^{(21)}m_{111}^{(20)}m_{220}^{(10)} - m_{002}^{(21)}m_{111}^{(20)}m_{130}^{(00)} + m_{002}^{(21)}m_{111}^{(21)}m_{400}^{(11)}\\
&-2m_{002}^{(21)}m_{111}^{(21)}m_{310}^{(10)} + m_{002}^{(21)}m_{111}^{(21)}m_{220}^{(00)}
\end{aligned}
$$

Generating graph:

$V1$	1	1	$V1$	1
$V2$	$V2$	2	2	$V3$
2	2	$V3$	3	3



$$
\begin{aligned}
T_{147} \;=\;& -m_{200}^{(10)} m_{021}^{(00)} m_{022}^{(22)} + 2m_{200}^{(10)} m_{021}^{(00)} m_{013}^{(21)} - m_{200}^{(10)} m_{021}^{(00)} m_{004}^{(11)} + 2m_{200}^{(10)} m_{021}^{(10)} m_{112}^{(22)} \\
& -2m_{200}^{(10)} m_{021}^{(10)} m_{103}^{(21)} - 2m_{200}^{(10)} m_{021}^{(10)} m_{013}^{(20)} + 2m_{200}^{(10)} m_{021}^{(10)} m_{004}^{(10)} - m_{200}^{(10)} m_{021}^{(11)} m_{202}^{(22)} \\
& +2m_{200}^{(10)} m_{021}^{(11)} m_{103}^{(20)} - m_{200}^{(10)} m_{021}^{(11)} m_{004}^{(00)} - 2m_{200}^{(10)} m_{021}^{(20)} m_{112}^{(21)} + 2m_{200}^{(10)} m_{021}^{(20)} m_{103}^{(11)} \\
& +2m_{200}^{(10)} m_{021}^{(20)} m_{022}^{(20)} - 2m_{200}^{(10)} m_{021}^{(20)} m_{013}^{(10)} + 2m_{200}^{(10)} m_{021}^{(21)} m_{202}^{(21)} - 2m_{200}^{(10)} m_{021}^{(21)} m_{112}^{(20)} \\
& -2m_{200}^{(10)} m_{021}^{(21)} m_{103}^{(10)} + 2m_{200}^{(10)} m_{021}^{(21)} m_{013}^{(00)} - m_{200}^{(10)} m_{021}^{(22)} m_{202}^{(11)} + 2m_{200}^{(10)} m_{021}^{(22)} m_{112}^{(10)} \\
& -m_{200}^{(10)} m_{021}^{(22)} m_{022}^{(00)} + 2m_{200}^{(10)} m_{012}^{(00)} m_{031}^{(22)} - 4m_{200}^{(10)} m_{012}^{(00)} m_{022}^{(21)} + 2m_{200}^{(10)} m_{012}^{(00)} m_{013}^{(11)} \\
& -4m_{200}^{(10)} m_{012}^{(10)} m_{121}^{(22)} + 4m_{200}^{(10)} m_{012}^{(10)} m_{112}^{(21)} + 4m_{200}^{(10)} m_{012}^{(10)} m_{022}^{(20)} - 4m_{200}^{(10)} m_{012}^{(10)} m_{013}^{(10)} \\
& +2m_{200}^{(10)} m_{012}^{(11)} m_{211}^{(22)} - 4m_{200}^{(10)} m_{012}^{(11)} m_{112}^{(20)} + 2m_{200}^{(10)} m_{012}^{(11)} m_{013}^{(00)} + 4m_{200}^{(10)} m_{012}^{(20)} m_{121}^{(21)} \\
& -4m_{200}^{(10)} m_{012}^{(20)} m_{112}^{(11)} - 4m_{200}^{(10)} m_{012}^{(20)} m_{031}^{(20)} + 4m_{200}^{(10)} m_{012}^{(20)} m_{022}^{(10)} - 4m_{200}^{(10)} m_{012}^{(21)} m_{211}^{(21)} \\
& +4m_{200}^{(10)} m_{012}^{(21)} m_{121}^{(20)} + 4m_{200}^{(10)} m_{012}^{(21)} m_{112}^{(10)} - 4m_{200}^{(10)} m_{012}^{(21)} m_{022}^{(00)} + 2m_{200}^{(10)} m_{012}^{(22)} m_{211}^{(11)} \\
& -4m_{200}^{(10)} m_{012}^{(22)} m_{121}^{(10)} + 2m_{200}^{(10)} m_{012}^{(22)} m_{031}^{(00)} - m_{200}^{(10)} m_{003}^{(00)} m_{040}^{(22)} + 2m_{200}^{(10)} m_{003}^{(00)} m_{031}^{(21)} \\
& -m_{200}^{(10)} m_{003}^{(00)} m_{022}^{(11)} + 2m_{200}^{(10)} m_{003}^{(10)} m_{130}^{(22)} - 2m_{200}^{(10)} m_{003}^{(10)} m_{121}^{(21)} - 2m_{200}^{(10)} m_{003}^{(10)} m_{031}^{(20)} \\
& +2m_{200}^{(10)} m_{003}^{(10)} m_{022}^{(10)} - m_{200}^{(10)} m_{003}^{(11)} m_{220}^{(22)} + 2m_{200}^{(10)} m_{003}^{(11)} m_{121}^{(20)} - m_{200}^{(10)} m_{003}^{(11)} m_{022}^{(00)} \\
& -2m_{200}^{(10)} m_{003}^{(20)} m_{130}^{(21)} + 2m_{200}^{(10)} m_{003}^{(20)} m_{121}^{(11)} + 2m_{200}^{(10)} m_{003}^{(20)} m_{040}^{(20)} - 2m_{200}^{(10)} m_{003}^{(20)} m_{031}^{(10)} \\
& +2m_{200}^{(10)} m_{003}^{(21)} m_{220}^{(21)} - 2m_{200}^{(10)} m_{003}^{(21)} m_{130}^{(20)} - 2m_{200}^{(10)} m_{003}^{(21)} m_{121}^{(10)} + 2m_{200}^{(10)} m_{003}^{(21)} m_{031}^{(00)} \\
& -m_{200}^{(10)} m_{003}^{(22)} m_{220}^{(11)} + 2m_{200}^{(10)} m_{003}^{(22)} m_{130}^{(10)} - m_{200}^{(10)} m_{003}^{(22)} m_{040}^{(00)} + m_{200}^{(11)} m_{111}^{(00)} m_{022}^{(22)} \\
& -2m_{200}^{(11)} m_{111}^{(00)} m_{013}^{(21)} + m_{200}^{(11)} m_{111}^{(00)} m_{004}^{(11)} - 2m_{200}^{(11)} m_{111}^{(10)} m_{112}^{(22)} + 2m_{200}^{(11)} m_{111}^{(10)} m_{103}^{(21)} \\
& +2m_{200}^{(11)} m_{111}^{(10)} m_{013}^{(20)} - 2m_{200}^{(11)} m_{111}^{(10)} m_{004}^{(10)} + m_{200}^{(11)} m_{111}^{(11)} m_{202}^{(22)} - 2m_{200}^{(11)} m_{111}^{(11)} m_{103}^{(20)} \\
& +m_{200}^{(11)} m_{111}^{(11)} m_{004}^{(00)} + 2m_{200}^{(11)} m_{111}^{(20)} m_{112}^{(21)} - 2m_{200}^{(11)} m_{111}^{(20)} m_{103}^{(11)} - 2m_{200}^{(11)} m_{111}^{(20)} m_{022}^{(20)} \\
& +2m_{200}^{(11)} m_{111}^{(20)} m_{013}^{(10)} - 2m_{200}^{(11)} m_{111}^{(21)} m_{202}^{(21)} + 2m_{200}^{(11)} m_{111}^{(21)} m_{112}^{(20)} + 2m_{200}^{(11)} m_{111}^{(21)} m_{103}^{(10)} \\
& -2m_{200}^{(11)} m_{111}^{(21)} m_{013}^{(00)} + m_{200}^{(11)} m_{111}^{(22)} m_{202}^{(11)} - 2m_{200}^{(11)} m_{111}^{(22)} m_{112}^{(10)} + m_{200}^{(11)} m_{111}^{(22)} m_{022}^{(00)} \\
& -m_{200}^{(11)} m_{102}^{(00)} m_{031}^{(22)} + 2m_{200}^{(11)} m_{102}^{(00)} m_{022}^{(21)} - m_{200}^{(11)} m_{102}^{(00)} m_{013}^{(11)} + 2m_{200}^{(11)} m_{102}^{(10)} m_{121}^{(22)} \\
& -2m_{200}^{(11)} m_{102}^{(10)} m_{112}^{(21)} - 2m_{200}^{(11)} m_{102}^{(10)} m_{022}^{(20)} + 2m_{200}^{(11)} m_{102}^{(10)} m_{013}^{(10)} - m_{200}^{(11)} m_{102}^{(11)} m_{211}^{(22)} \\
& +2m_{200}^{(11)} m_{102}^{(11)} m_{112}^{(20)} - m_{200}^{(11)} m_{102}^{(11)} m_{013}^{(00)} - 2m_{200}^{(11)} m_{102}^{(20)} m_{121}^{(21)} + 2m_{200}^{(11)} m_{102}^{(20)} m_{112}^{(11)} \\
& +2m_{200}^{(11)} m_{102}^{(20)} m_{031}^{(20)} - 2m_{200}^{(11)} m_{102}^{(20)} m_{022}^{(10)} + 2m_{200}^{(11)} m_{102}^{(21)} m_{211}^{(21)} - 2m_{200}^{(11)} m_{102}^{(21)} m_{121}^{(20)} \\
& -2m_{200}^{(11)} m_{102}^{(21)} m_{112}^{(10)} + 2m_{200}^{(11)} m_{102}^{(21)} m_{022}^{(00)} - m_{200}^{(11)} m_{102}^{(22)} m_{211}^{(11)} + 2m_{200}^{(11)} m_{102}^{(22)} m_{121}^{(10)} \\
& -m_{200}^{(11)} m_{102}^{(22)} m_{031}^{(00)} - m_{200}^{(11)} m_{012}^{(00)} m_{121}^{(22)} + 2m_{200}^{(11)} m_{012}^{(00)} m_{112}^{(21)} - m_{200}^{(11)} m_{012}^{(00)} m_{103}^{(11)} \\
& +2m_{200}^{(11)} m_{012}^{(10)} m_{211}^{(22)} - 2m_{200}^{(11)} m_{012}^{(10)} m_{202}^{(21)} - 2m_{200}^{(11)} m_{012}^{(10)} m_{112}^{(20)} + 2m_{200}^{(11)} m_{012}^{(10)} m_{103}^{(10)}
\end{aligned}
$$

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\begin{aligned}
&-m_{200}^{(11)}m_{012}^{(11)}m_{301}^{(22)}+2m_{200}^{(11)}m_{012}^{(11)}m_{202}^{(20)}-m_{200}^{(11)}m_{012}^{(11)}m_{103}^{(00)}-2m_{200}^{(11)}m_{012}^{(20)}m_{211}^{(21)}\\
&+2m_{200}^{(11)}m_{012}^{(20)}m_{202}^{(11)}+2m_{200}^{(11)}m_{012}^{(20)}m_{121}^{(20)}-2m_{200}^{(11)}m_{012}^{(20)}m_{112}^{(10)}+2m_{200}^{(11)}m_{012}^{(21)}m_{301}^{(21)}\\
&-2m_{200}^{(11)}m_{012}^{(21)}m_{211}^{(20)}-2m_{200}^{(11)}m_{012}^{(21)}m_{202}^{(10)}+2m_{200}^{(11)}m_{012}^{(21)}m_{112}^{(00)}-m_{200}^{(11)}m_{012}^{(22)}m_{301}^{(11)}\\
&+2m_{200}^{(11)}m_{012}^{(22)}m_{211}^{(10)}-m_{200}^{(11)}m_{012}^{(22)}m_{121}^{(00)}+m_{200}^{(11)}m_{003}^{(00)}m_{130}^{(22)}-2m_{200}^{(11)}m_{003}^{(00)}m_{121}^{(21)}\\
&+m_{200}^{(11)}m_{003}^{(00)}m_{112}^{(11)}-2m_{200}^{(11)}m_{003}^{(10)}m_{220}^{(22)}+2m_{200}^{(11)}m_{003}^{(10)}m_{211}^{(21)}+2m_{200}^{(11)}m_{003}^{(10)}m_{121}^{(20)}\\
&-2m_{200}^{(11)}m_{003}^{(10)}m_{112}^{(10)}+m_{200}^{(11)}m_{003}^{(11)}m_{310}^{(22)}-2m_{200}^{(11)}m_{003}^{(11)}m_{211}^{(20)}+m_{200}^{(11)}m_{003}^{(11)}m_{112}^{(00)}\\
&+2m_{200}^{(11)}m_{003}^{(20)}m_{220}^{(21)}-2m_{200}^{(11)}m_{003}^{(20)}m_{211}^{(11)}-2m_{200}^{(11)}m_{003}^{(20)}m_{130}^{(20)}+2m_{200}^{(11)}m_{003}^{(20)}m_{121}^{(10)}\\
&-2m_{200}^{(11)}m_{003}^{(21)}m_{310}^{(21)}+2m_{200}^{(11)}m_{003}^{(21)}m_{220}^{(20)}+2m_{200}^{(11)}m_{003}^{(21)}m_{211}^{(10)}-2m_{200}^{(11)}m_{003}^{(21)}m_{121}^{(00)}\\
&+m_{200}^{(11)}m_{003}^{(22)}m_{310}^{(11)}-2m_{200}^{(11)}m_{003}^{(22)}m_{220}^{(10)}+m_{200}^{(11)}m_{003}^{(22)}m_{130}^{(00)}+m_{200}^{(20)}m_{030}^{(00)}m_{022}^{(22)}\\
&-2m_{200}^{(20)}m_{030}^{(00)}m_{013}^{(21)}+m_{200}^{(20)}m_{030}^{(00)}m_{004}^{(11)}-2m_{200}^{(20)}m_{030}^{(10)}m_{112}^{(22)}+2m_{200}^{(20)}m_{030}^{(10)}m_{103}^{(21)}\\
&+2m_{200}^{(20)}m_{030}^{(10)}m_{013}^{(20)}-2m_{200}^{(20)}m_{030}^{(10)}m_{004}^{(10)}+m_{200}^{(20)}m_{030}^{(11)}m_{202}^{(22)}-2m_{200}^{(20)}m_{030}^{(11)}m_{103}^{(20)}\\
&+m_{200}^{(20)}m_{030}^{(11)}m_{004}^{(00)}+2m_{200}^{(20)}m_{030}^{(20)}m_{112}^{(21)}-2m_{200}^{(20)}m_{030}^{(20)}m_{103}^{(11)}-2m_{200}^{(20)}m_{030}^{(20)}m_{022}^{(20)}\\
&+2m_{200}^{(20)}m_{030}^{(20)}m_{013}^{(10)}-2m_{200}^{(20)}m_{030}^{(21)}m_{202}^{(21)}+2m_{200}^{(20)}m_{030}^{(21)}m_{112}^{(20)}+2m_{200}^{(20)}m_{030}^{(21)}m_{103}^{(10)}\\
&-2m_{200}^{(20)}m_{030}^{(21)}m_{013}^{(00)}+m_{200}^{(20)}m_{030}^{(22)}m_{202}^{(11)}-2m_{200}^{(20)}m_{030}^{(22)}m_{112}^{(10)}+m_{200}^{(20)}m_{030}^{(22)}m_{022}^{(00)}\\
&-2m_{200}^{(20)}m_{021}^{(00)}m_{031}^{(22)}+4m_{200}^{(20)}m_{021}^{(00)}m_{022}^{(21)}-2m_{200}^{(20)}m_{021}^{(00)}m_{013}^{(11)}+4m_{200}^{(20)}m_{021}^{(10)}m_{121}^{(22)}\\
&-4m_{200}^{(20)}m_{021}^{(10)}m_{112}^{(21)}-4m_{200}^{(20)}m_{021}^{(10)}m_{022}^{(20)}+4m_{200}^{(20)}m_{021}^{(10)}m_{013}^{(10)}-2m_{200}^{(20)}m_{021}^{(11)}m_{211}^{(22)}\\
&+4m_{200}^{(20)}m_{021}^{(11)}m_{112}^{(20)}-2m_{200}^{(20)}m_{021}^{(11)}m_{013}^{(00)}-4m_{200}^{(20)}m_{021}^{(20)}m_{121}^{(21)}+4m_{200}^{(20)}m_{021}^{(20)}m_{112}^{(11)}\\
&+4m_{200}^{(20)}m_{021}^{(20)}m_{031}^{(20)}-4m_{200}^{(20)}m_{021}^{(20)}m_{022}^{(10)}+4m_{200}^{(20)}m_{021}^{(21)}m_{211}^{(21)}-4m_{200}^{(20)}m_{021}^{(21)}m_{121}^{(20)}\\
&-4m_{200}^{(20)}m_{021}^{(21)}m_{112}^{(10)}+4m_{200}^{(20)}m_{021}^{(21)}m_{022}^{(00)}-2m_{200}^{(20)}m_{021}^{(22)}m_{211}^{(11)}+4m_{200}^{(20)}m_{021}^{(22)}m_{121}^{(10)}\\
&-2m_{200}^{(20)}m_{021}^{(22)}m_{031}^{(00)}+m_{200}^{(20)}m_{012}^{(00)}m_{040}^{(22)}-2m_{200}^{(20)}m_{012}^{(00)}m_{031}^{(21)}+m_{200}^{(20)}m_{012}^{(00)}m_{022}^{(11)}\\
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&+m_{200}^{(20)}m_{012}^{(11)}m_{220}^{(22)}-2m_{200}^{(20)}m_{012}^{(11)}m_{121}^{(20)}+m_{200}^{(20)}m_{012}^{(11)}m_{022}^{(00)}+2m_{200}^{(20)}m_{012}^{(20)}m_{130}^{(21)}\\
&-2m_{200}^{(20)}m_{012}^{(20)}m_{121}^{(11)}-2m_{200}^{(20)}m_{012}^{(20)}m_{040}^{(20)}+2m_{200}^{(20)}m_{012}^{(20)}m_{031}^{(10)}-2m_{200}^{(20)}m_{012}^{(21)}m_{220}^{(21)}\\
&+2m_{200}^{(20)}m_{012}^{(21)}m_{130}^{(20)}+2m_{200}^{(20)}m_{012}^{(21)}m_{121}^{(10)}-2m_{200}^{(20)}m_{012}^{(21)}m_{031}^{(00)}+m_{200}^{(20)}m_{012}^{(22)}m_{220}^{(11)}\\
&-2m_{200}^{(20)}m_{012}^{(22)}m_{130}^{(10)}+m_{200}^{(20)}m_{012}^{(22)}m_{040}^{(00)}-m_{200}^{(21)}m_{120}^{(00)}m_{022}^{(22)}+2m_{200}^{(21)}m_{120}^{(00)}m_{013}^{(21)}\\
&-m_{200}^{(21)}m_{120}^{(00)}m_{004}^{(11)}+2m_{200}^{(21)}m_{120}^{(10)}m_{112}^{(22)}-2m_{200}^{(21)}m_{120}^{(10)}m_{103}^{(21)}-2m_{200}^{(21)}m_{120}^{(10)}m_{013}^{(20)}\\
&+2m_{200}^{(21)}m_{120}^{(10)}m_{004}^{(10)}-m_{200}^{(21)}m_{120}^{(11)}m_{202}^{(22)}+2m_{200}^{(21)}m_{120}^{(11)}m_{103}^{(20)}-m_{200}^{(21)}m_{120}^{(11)}m_{004}^{(00)}\\
&-2m_{200}^{(21)}m_{120}^{(20)}m_{112}^{(21)}+2m_{200}^{(21)}m_{120}^{(20)}m_{103}^{(11)}+2m_{200}^{(21)}m_{120}^{(20)}m_{022}^{(20)}-2m_{200}^{(21)}m_{120}^{(20)}m_{013}^{(10)}\\
&+2m_{200}^{(21)}m_{120}^{(21)}m_{202}^{(21)}-2m_{200}^{(21)}m_{120}^{(21)}m_{112}^{(20)}-2m_{200}^{(21)}m_{120}^{(21)}m_{103}^{(10)}+2m_{200}^{(21)}m_{120}^{(21)}m_{013}^{(00)}\\
&-m_{200}^{(21)}m_{120}^{(22)}m_{202}^{(11)}+2m_{200}^{(21)}m_{120}^{(22)}m_{112}^{(10)}-m_{200}^{(21)}m_{120}^{(22)}m_{022}^{(00)}+m_{200}^{(21)}m_{102}^{(00)}m_{040}^{(22)}\\
&-2m_{200}^{(21)}m_{102}^{(00)}m_{031}^{(21)}+m_{200}^{(21)}m_{102}^{(00)}m_{022}^{(11)}-2m_{200}^{(21)}m_{102}^{(10)}m_{130}^{(22)}+2m_{200}^{(21)}m_{102}^{(10)}m_{121}^{(21)}\\
&+2m_{200}^{(21)}m_{102}^{(10)}m_{031}^{(20)}-2m_{200}^{(21)}m_{102}^{(10)}m_{022}^{(10)}+m_{200}^{(21)}m_{102}^{(11)}m_{220}^{(22)}-2m_{200}^{(21)}m_{102}^{(11)}m_{121}^{(20)}\\
&+m_{200}^{(21)}m_{102}^{(11)}m_{022}^{(00)}+2m_{200}^{(21)}m_{102}^{(20)}m_{130}^{(21)}-2m_{200}^{(21)}m_{102}^{(20)}m_{121}^{(11)}-2m_{200}^{(21)}m_{102}^{(20)}m_{040}^{(20)}\\
&+2m_{200}^{(21)}m_{102}^{(20)}m_{031}^{(10)}-2m_{200}^{(21)}m_{102}^{(21)}m_{220}^{(21)}+2m_{200}^{(21)}m_{102}^{(21)}m_{130}^{(20)}+2m_{200}^{(21)}m_{102}^{(21)}m_{121}^{(10)}\\
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&+2m_{200}^{(21)}m_{021}^{(00)}m_{121}^{(22)}-4m_{200}^{(21)}m_{021}^{(00)}m_{112}^{(21)}+2m_{200}^{(21)}m_{021}^{(00)}m_{103}^{(11)}-4m_{200}^{(21)}m_{021}^{(10)}m_{211}^{(22)}\\
&+4m_{200}^{(21)}m_{021}^{(10)}m_{202}^{(21)}+4m_{200}^{(21)}m_{021}^{(10)}m_{112}^{(20)}-4m_{200}^{(21)}m_{021}^{(10)}m_{103}^{(10)}+2m_{200}^{(21)}m_{021}^{(11)}m_{301}^{(22)}\\
&-4m_{200}^{(21)}m_{021}^{(11)}m_{202}^{(20)}+2m_{200}^{(21)}m_{021}^{(11)}m_{103}^{(00)}+4m_{200}^{(21)}m_{021}^{(20)}m_{211}^{(21)}-4m_{200}^{(21)}m_{021}^{(20)}m_{202}^{(11)}
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\begin{aligned}
&-4m_{200}^{(21)}m_{021}^{(20)}m_{121}^{(20)}+4m_{200}^{(21)}m_{021}^{(20)}m_{112}^{(10)}-4m_{200}^{(21)}m_{021}^{(21)}m_{301}^{(21)}+4m_{200}^{(21)}m_{021}^{(21)}m_{211}^{(20)}\\
&+4m_{200}^{(21)}m_{021}^{(21)}m_{202}^{(10)}-4m_{200}^{(21)}m_{021}^{(21)}m_{112}^{(00)}+2m_{200}^{(21)}m_{021}^{(22)}m_{301}^{(11)}-4m_{200}^{(21)}m_{021}^{(22)}m_{211}^{(10)}\\
&+2m_{200}^{(21)}m_{021}^{(22)}m_{121}^{(00)}-2m_{200}^{(21)}m_{012}^{(00)}m_{130}^{(22)}+4m_{200}^{(21)}m_{012}^{(00)}m_{121}^{(21)}-2m_{200}^{(21)}m_{012}^{(00)}m_{112}^{(11)}\\
&+4m_{200}^{(21)}m_{012}^{(10)}m_{220}^{(22)}-4m_{200}^{(21)}m_{012}^{(10)}m_{211}^{(21)}-4m_{200}^{(21)}m_{012}^{(10)}m_{121}^{(20)}+4m_{200}^{(21)}m_{012}^{(10)}m_{112}^{(10)}\\
&-2m_{200}^{(21)}m_{012}^{(11)}m_{310}^{(22)}+4m_{200}^{(21)}m_{012}^{(11)}m_{211}^{(20)}-2m_{200}^{(21)}m_{012}^{(11)}m_{112}^{(00)}-4m_{200}^{(21)}m_{012}^{(20)}m_{220}^{(21)}\\
&+4m_{200}^{(21)}m_{012}^{(20)}m_{211}^{(11)}+4m_{200}^{(21)}m_{012}^{(20)}m_{130}^{(20)}-4m_{200}^{(21)}m_{012}^{(20)}m_{121}^{(10)}+4m_{200}^{(21)}m_{012}^{(21)}m_{310}^{(21)}\\
&-4m_{200}^{(21)}m_{012}^{(21)}m_{220}^{(20)}-4m_{200}^{(21)}m_{012}^{(21)}m_{211}^{(10)}+4m_{200}^{(21)}m_{012}^{(21)}m_{121}^{(00)}-2m_{200}^{(21)}m_{012}^{(22)}m_{310}^{(11)}\\
&+4m_{200}^{(21)}m_{012}^{(22)}m_{220}^{(10)}-2m_{200}^{(21)}m_{012}^{(22)}m_{130}^{(00)}+m_{200}^{(22)}m_{120}^{(00)}m_{031}^{(22)}-2m_{200}^{(22)}m_{120}^{(00)}m_{022}^{(21)}\\
&+m_{200}^{(22)}m_{120}^{(00)}m_{013}^{(11)}-2m_{200}^{(22)}m_{120}^{(10)}m_{121}^{(22)}+2m_{200}^{(22)}m_{120}^{(10)}m_{112}^{(21)}+2m_{200}^{(22)}m_{120}^{(10)}m_{022}^{(20)}\\
&-2m_{200}^{(22)}m_{120}^{(10)}m_{013}^{(10)}+m_{200}^{(22)}m_{120}^{(11)}m_{211}^{(22)}-2m_{200}^{(22)}m_{120}^{(11)}m_{112}^{(20)}+m_{200}^{(22)}m_{120}^{(11)}m_{013}^{(00)}\\
&+2m_{200}^{(22)}m_{120}^{(20)}m_{121}^{(21)}-2m_{200}^{(22)}m_{120}^{(20)}m_{112}^{(11)}-2m_{200}^{(22)}m_{120}^{(20)}m_{031}^{(20)}+2m_{200}^{(22)}m_{120}^{(20)}m_{022}^{(10)}\\
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&+m_{200}^{(22)}m_{120}^{(22)}m_{211}^{(11)}-2m_{200}^{(22)}m_{120}^{(22)}m_{121}^{(10)}+m_{200}^{(22)}m_{120}^{(22)}m_{031}^{(00)}-m_{200}^{(22)}m_{111}^{(00)}m_{040}^{(22)}\\
&+2m_{200}^{(22)}m_{111}^{(00)}m_{031}^{(21)}-m_{200}^{(22)}m_{111}^{(00)}m_{022}^{(11)}+2m_{200}^{(22)}m_{111}^{(10)}m_{130}^{(22)}-2m_{200}^{(22)}m_{111}^{(10)}m_{121}^{(21)}\\
&-2m_{200}^{(22)}m_{111}^{(10)}m_{031}^{(20)}+2m_{200}^{(22)}m_{111}^{(10)}m_{022}^{(10)}-m_{200}^{(22)}m_{111}^{(11)}m_{220}^{(22)}+2m_{200}^{(22)}m_{111}^{(11)}m_{121}^{(20)}\\
&-m_{200}^{(22)}m_{111}^{(11)}m_{022}^{(00)}-2m_{200}^{(22)}m_{111}^{(20)}m_{130}^{(21)}+2m_{200}^{(22)}m_{111}^{(20)}m_{121}^{(11)}+2m_{200}^{(22)}m_{111}^{(20)}m_{040}^{(20)}\\
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&+2m_{200}^{(22)}m_{111}^{(21)}m_{031}^{(00)}-m_{200}^{(22)}m_{111}^{(22)}m_{220}^{(11)}+2m_{200}^{(22)}m_{111}^{(22)}m_{130}^{(10)}-m_{200}^{(22)}m_{111}^{(22)}m_{040}^{(00)}\\
&-m_{200}^{(22)}m_{030}^{(00)}m_{121}^{(22)}+2m_{200}^{(22)}m_{030}^{(00)}m_{112}^{(21)}-m_{200}^{(22)}m_{030}^{(00)}m_{103}^{(11)}+2m_{200}^{(22)}m_{030}^{(10)}m_{211}^{(22)}\\
&-2m_{200}^{(22)}m_{030}^{(10)}m_{202}^{(21)}-2m_{200}^{(22)}m_{030}^{(10)}m_{112}^{(20)}+2m_{200}^{(22)}m_{030}^{(10)}m_{103}^{(10)}-m_{200}^{(22)}m_{030}^{(11)}m_{301}^{(22)}\\
&+2m_{200}^{(22)}m_{030}^{(11)}m_{202}^{(20)}-m_{200}^{(22)}m_{030}^{(11)}m_{103}^{(00)}-2m_{200}^{(22)}m_{030}^{(20)}m_{211}^{(21)}+2m_{200}^{(22)}m_{030}^{(20)}m_{202}^{(11)}\\
&+2m_{200}^{(22)}m_{030}^{(20)}m_{121}^{(20)}-2m_{200}^{(22)}m_{030}^{(20)}m_{112}^{(10)}+2m_{200}^{(22)}m_{030}^{(21)}m_{301}^{(21)}-2m_{200}^{(22)}m_{030}^{(21)}m_{211}^{(20)}\\
&-2m_{200}^{(22)}m_{030}^{(21)}m_{202}^{(10)}+2m_{200}^{(22)}m_{030}^{(21)}m_{112}^{(00)}-m_{200}^{(22)}m_{030}^{(22)}m_{301}^{(11)}+2m_{200}^{(22)}m_{030}^{(22)}m_{211}^{(10)}\\
&-m_{200}^{(22)}m_{030}^{(22)}m_{121}^{(00)}+m_{200}^{(22)}m_{021}^{(00)}m_{130}^{(22)}-2m_{200}^{(22)}m_{021}^{(00)}m_{121}^{(21)}+m_{200}^{(22)}m_{021}^{(00)}m_{112}^{(11)}\\
&-2m_{200}^{(22)}m_{021}^{(10)}m_{220}^{(22)}+2m_{200}^{(22)}m_{021}^{(10)}m_{211}^{(21)}+2m_{200}^{(22)}m_{021}^{(10)}m_{121}^{(20)}-2m_{200}^{(22)}m_{021}^{(10)}m_{112}^{(10)}\\
&+m_{200}^{(22)}m_{021}^{(11)}m_{310}^{(22)}-2m_{200}^{(22)}m_{021}^{(11)}m_{211}^{(20)}+m_{200}^{(22)}m_{021}^{(11)}m_{112}^{(00)}+2m_{200}^{(22)}m_{021}^{(20)}m_{220}^{(21)}\\
&-2m_{200}^{(22)}m_{021}^{(20)}m_{211}^{(11)}-2m_{200}^{(22)}m_{021}^{(20)}m_{130}^{(20)}+2m_{200}^{(22)}m_{021}^{(20)}m_{121}^{(10)}-2m_{200}^{(22)}m_{021}^{(21)}m_{310}^{(21)}\\
&+2m_{200}^{(22)}m_{021}^{(21)}m_{220}^{(20)}+2m_{200}^{(22)}m_{021}^{(21)}m_{211}^{(10)}-2m_{200}^{(22)}m_{021}^{(21)}m_{121}^{(00)}+m_{200}^{(22)}m_{021}^{(22)}m_{310}^{(11)}\\
&-2m_{200}^{(22)}m_{021}^{(22)}m_{220}^{(10)}+m_{200}^{(22)}m_{021}^{(22)}m_{130}^{(00)}+m_{110}^{(00)}m_{021}^{(00)}m_{022}^{(22)}-2m_{110}^{(00)}m_{021}^{(00)}m_{013}^{(21)}\\
&+m_{110}^{(00)}m_{021}^{(00)}m_{004}^{(11)}-2m_{110}^{(00)}m_{021}^{(10)}m_{112}^{(22)}+2m_{110}^{(00)}m_{021}^{(10)}m_{103}^{(21)}+2m_{110}^{(00)}m_{021}^{(10)}m_{013}^{(20)}\\
&-2m_{110}^{(00)}m_{021}^{(10)}m_{004}^{(10)}+m_{110}^{(00)}m_{021}^{(11)}m_{202}^{(22)}-2m_{110}^{(00)}m_{021}^{(11)}m_{103}^{(20)}+m_{110}^{(00)}m_{021}^{(11)}m_{004}^{(00)}\\
&+2m_{110}^{(00)}m_{021}^{(20)}m_{112}^{(21)}-2m_{110}^{(00)}m_{021}^{(20)}m_{103}^{(11)}-2m_{110}^{(00)}m_{021}^{(20)}m_{022}^{(20)}+2m_{110}^{(00)}m_{021}^{(20)}m_{013}^{(10)}\\
&-2m_{110}^{(00)}m_{021}^{(21)}m_{202}^{(21)}+2m_{110}^{(00)}m_{021}^{(21)}m_{112}^{(20)}+2m_{110}^{(00)}m_{021}^{(21)}m_{103}^{(10)}-2m_{110}^{(00)}m_{021}^{(21)}m_{013}^{(00)}\\
&+m_{110}^{(00)}m_{021}^{(22)}m_{202}^{(11)}-2m_{110}^{(00)}m_{021}^{(22)}m_{112}^{(10)}+m_{110}^{(00)}m_{021}^{(22)}m_{022}^{(00)}-2m_{110}^{(00)}m_{012}^{(00)}m_{031}^{(22)}\\
&+4m_{110}^{(00)}m_{012}^{(00)}m_{022}^{(21)}-2m_{110}^{(00)}m_{012}^{(00)}m_{013}^{(11)}+4m_{110}^{(00)}m_{012}^{(10)}m_{121}^{(22)}-4m_{110}^{(00)}m_{012}^{(10)}m_{112}^{(21)}\\
&-4m_{110}^{(00)}m_{012}^{(10)}m_{022}^{(20)}+4m_{110}^{(00)}m_{012}^{(10)}m_{013}^{(10)}-2m_{110}^{(00)}m_{012}^{(11)}m_{211}^{(22)}+4m_{110}^{(00)}m_{012}^{(11)}m_{112}^{(20)}\\
&-2m_{110}^{(00)}m_{012}^{(11)}m_{013}^{(00)}-4m_{110}^{(00)}m_{012}^{(20)}m_{121}^{(21)}+4m_{110}^{(00)}m_{012}^{(20)}m_{112}^{(11)}+4m_{110}^{(00)}m_{012}^{(20)}m_{031}^{(20)}\\
&-4m_{110}^{(00)}m_{012}^{(20)}m_{022}^{(10)}+4m_{110}^{(00)}m_{012}^{(21)}m_{211}^{(21)}-4m_{110}^{(00)}m_{012}^{(21)}m_{121}^{(20)}-4m_{110}^{(00)}m_{012}^{(21)}m_{112}^{(10)}
\end{aligned}
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$$+4m_{110}^{(00)}m_{012}^{(21)}m_{022}^{(00)} - 2m_{110}^{(00)}m_{012}^{(22)}m_{211}^{(11)} + 4m_{110}^{(00)}m_{012}^{(22)}m_{121}^{(10)} - 2m_{110}^{(00)}m_{012}^{(22)}m_{031}^{(00)}$$
$$+m_{110}^{(00)}m_{003}^{(00)}m_{040}^{(22)} - 2m_{110}^{(00)}m_{003}^{(00)}m_{031}^{(21)} + m_{110}^{(00)}m_{003}^{(00)}m_{022}^{(11)} - 2m_{110}^{(00)}m_{003}^{(10)}m_{130}^{(22)}$$
$$+2m_{110}^{(00)}m_{003}^{(10)}m_{121}^{(21)} + 2m_{110}^{(00)}m_{003}^{(10)}m_{031}^{(20)} - 2m_{110}^{(00)}m_{003}^{(10)}m_{022}^{(10)} + m_{110}^{(00)}m_{003}^{(11)}m_{220}^{(22)}$$
$$-2m_{110}^{(00)}m_{003}^{(11)}m_{121}^{(20)} + m_{110}^{(00)}m_{003}^{(11)}m_{022}^{(00)} + 2m_{110}^{(00)}m_{003}^{(20)}m_{130}^{(21)} - 2m_{110}^{(00)}m_{003}^{(20)}m_{121}^{(11)}$$
$$-2m_{110}^{(00)}m_{003}^{(20)}m_{040}^{(20)} + 2m_{110}^{(00)}m_{003}^{(20)}m_{031}^{(10)} - 2m_{110}^{(00)}m_{003}^{(21)}m_{220}^{(21)} + 2m_{110}^{(00)}m_{003}^{(21)}m_{130}^{(20)}$$
$$+2m_{110}^{(00)}m_{003}^{(21)}m_{121}^{(10)} - 2m_{110}^{(00)}m_{003}^{(21)}m_{031}^{(00)} + m_{110}^{(00)}m_{003}^{(22)}m_{220}^{(11)} - 2m_{110}^{(00)}m_{003}^{(22)}m_{130}^{(10)}$$
$$+m_{110}^{(00)}m_{003}^{(22)}m_{040}^{(00)} - m_{110}^{(11)}m_{201}^{(00)}m_{022}^{(22)} + 2m_{110}^{(11)}m_{201}^{(00)}m_{013}^{(21)} - m_{110}^{(11)}m_{201}^{(00)}m_{004}^{(11)}$$
$$+2m_{110}^{(11)}m_{201}^{(10)}m_{112}^{(22)} - 2m_{110}^{(11)}m_{201}^{(10)}m_{103}^{(21)} - 2m_{110}^{(11)}m_{201}^{(10)}m_{013}^{(20)} + 2m_{110}^{(11)}m_{201}^{(10)}m_{004}^{(10)}$$
$$-m_{110}^{(11)}m_{201}^{(11)}m_{202}^{(22)} + 2m_{110}^{(11)}m_{201}^{(11)}m_{103}^{(20)} - m_{110}^{(11)}m_{201}^{(11)}m_{004}^{(00)} - 2m_{110}^{(11)}m_{201}^{(20)}m_{112}^{(21)}$$
$$+2m_{110}^{(11)}m_{201}^{(20)}m_{103}^{(11)} + 2m_{110}^{(11)}m_{201}^{(20)}m_{022}^{(20)} - 2m_{110}^{(11)}m_{201}^{(20)}m_{013}^{(10)} + 2m_{110}^{(11)}m_{201}^{(21)}m_{202}^{(21)}$$
$$-2m_{110}^{(11)}m_{201}^{(21)}m_{112}^{(20)} - 2m_{110}^{(11)}m_{201}^{(21)}m_{103}^{(10)} + 2m_{110}^{(11)}m_{201}^{(21)}m_{013}^{(00)} - m_{110}^{(11)}m_{201}^{(22)}m_{202}^{(11)}$$
$$+2m_{110}^{(11)}m_{201}^{(22)}m_{112}^{(10)} - m_{110}^{(11)}m_{201}^{(22)}m_{022}^{(00)} + 2m_{110}^{(11)}m_{102}^{(00)}m_{121}^{(22)} - 4m_{110}^{(11)}m_{102}^{(00)}m_{112}^{(21)}$$
$$+2m_{110}^{(11)}m_{102}^{(00)}m_{103}^{(11)} - 4m_{110}^{(11)}m_{102}^{(10)}m_{211}^{(22)} + 4m_{110}^{(11)}m_{102}^{(10)}m_{202}^{(21)} + 4m_{110}^{(11)}m_{102}^{(10)}m_{112}^{(20)}$$
$$-4m_{110}^{(11)}m_{102}^{(10)}m_{103}^{(10)} + 2m_{110}^{(11)}m_{102}^{(11)}m_{301}^{(22)} - 4m_{110}^{(11)}m_{102}^{(11)}m_{202}^{(20)} + 2m_{110}^{(11)}m_{102}^{(11)}m_{103}^{(00)}$$
$$+4m_{110}^{(11)}m_{102}^{(20)}m_{211}^{(21)} - 4m_{110}^{(11)}m_{102}^{(20)}m_{202}^{(11)} - 4m_{110}^{(11)}m_{102}^{(20)}m_{121}^{(20)} + 4m_{110}^{(11)}m_{102}^{(20)}m_{112}^{(10)}$$
$$-4m_{110}^{(11)}m_{102}^{(21)}m_{301}^{(21)} + 4m_{110}^{(11)}m_{102}^{(21)}m_{211}^{(20)} + 4m_{110}^{(11)}m_{102}^{(21)}m_{202}^{(10)} - 4m_{110}^{(11)}m_{102}^{(21)}m_{112}^{(00)}$$
$$+2m_{110}^{(11)}m_{102}^{(22)}m_{301}^{(11)} - 4m_{110}^{(11)}m_{102}^{(22)}m_{211}^{(10)} + 2m_{110}^{(11)}m_{102}^{(22)}m_{121}^{(00)} - m_{110}^{(11)}m_{003}^{(00)}m_{220}^{(22)}$$
$$+2m_{110}^{(11)}m_{003}^{(00)}m_{211}^{(21)} - m_{110}^{(11)}m_{003}^{(00)}m_{202}^{(11)} + 2m_{110}^{(11)}m_{003}^{(10)}m_{310}^{(22)} - 2m_{110}^{(11)}m_{003}^{(10)}m_{301}^{(21)}$$
$$-2m_{110}^{(11)}m_{003}^{(10)}m_{211}^{(20)} + 2m_{110}^{(11)}m_{003}^{(10)}m_{202}^{(10)} - m_{110}^{(11)}m_{003}^{(11)}m_{400}^{(22)} + 2m_{110}^{(11)}m_{003}^{(11)}m_{301}^{(20)}$$
$$-m_{110}^{(11)}m_{003}^{(11)}m_{202}^{(00)} - 2m_{110}^{(11)}m_{003}^{(20)}m_{310}^{(21)} + 2m_{110}^{(11)}m_{003}^{(20)}m_{301}^{(11)} + 2m_{110}^{(11)}m_{003}^{(20)}m_{220}^{(20)}$$
$$-2m_{110}^{(11)}m_{003}^{(20)}m_{211}^{(10)} + 2m_{110}^{(11)}m_{003}^{(21)}m_{400}^{(21)} - 2m_{110}^{(11)}m_{003}^{(21)}m_{310}^{(20)} - 2m_{110}^{(11)}m_{003}^{(21)}m_{301}^{(10)}$$
$$+2m_{110}^{(11)}m_{003}^{(21)}m_{211}^{(00)} - m_{110}^{(11)}m_{003}^{(22)}m_{400}^{(11)} + 2m_{110}^{(11)}m_{003}^{(22)}m_{310}^{(10)} - m_{110}^{(11)}m_{003}^{(22)}m_{220}^{(00)}$$
$$-2m_{110}^{(20)}m_{120}^{(00)}m_{022}^{(22)} + 4m_{110}^{(20)}m_{120}^{(00)}m_{013}^{(21)} - 2m_{110}^{(20)}m_{120}^{(00)}m_{004}^{(11)} + 4m_{110}^{(20)}m_{120}^{(10)}m_{112}^{(22)}$$
$$-4m_{110}^{(20)}m_{120}^{(10)}m_{103}^{(21)} - 4m_{110}^{(20)}m_{120}^{(10)}m_{013}^{(20)} + 4m_{110}^{(20)}m_{120}^{(10)}m_{004}^{(10)} - 2m_{110}^{(20)}m_{120}^{(11)}m_{202}^{(22)}$$
$$+4m_{110}^{(20)}m_{120}^{(11)}m_{103}^{(20)} - 2m_{110}^{(20)}m_{120}^{(11)}m_{004}^{(00)} - 4m_{110}^{(20)}m_{120}^{(20)}m_{112}^{(21)} + 4m_{110}^{(20)}m_{120}^{(20)}m_{103}^{(11)}$$
$$+4m_{110}^{(20)}m_{120}^{(20)}m_{022}^{(20)} - 4m_{110}^{(20)}m_{120}^{(20)}m_{013}^{(10)} + 4m_{110}^{(20)}m_{120}^{(21)}m_{202}^{(21)} - 4m_{110}^{(20)}m_{120}^{(21)}m_{112}^{(20)}$$
$$-4m_{110}^{(20)}m_{120}^{(21)}m_{103}^{(10)} + 4m_{110}^{(20)}m_{120}^{(21)}m_{013}^{(00)} - 2m_{110}^{(20)}m_{120}^{(22)}m_{202}^{(11)} + 4m_{110}^{(20)}m_{120}^{(22)}m_{112}^{(10)}$$
$$-2m_{110}^{(20)}m_{120}^{(22)}m_{022}^{(00)} + 4m_{110}^{(20)}m_{111}^{(00)}m_{031}^{(22)} - 8m_{110}^{(20)}m_{111}^{(00)}m_{022}^{(21)} + 4m_{110}^{(20)}m_{111}^{(00)}m_{013}^{(11)}$$
$$-8m_{110}^{(20)}m_{111}^{(10)}m_{121}^{(22)} + 8m_{110}^{(20)}m_{111}^{(10)}m_{112}^{(21)} + 8m_{110}^{(20)}m_{111}^{(10)}m_{022}^{(20)} - 8m_{110}^{(20)}m_{111}^{(10)}m_{013}^{(10)}$$
$$+4m_{110}^{(20)}m_{111}^{(11)}m_{211}^{(22)} - 8m_{110}^{(20)}m_{111}^{(11)}m_{112}^{(20)} + 4m_{110}^{(20)}m_{111}^{(11)}m_{013}^{(00)} + 8m_{110}^{(20)}m_{111}^{(20)}m_{121}^{(21)}$$
$$-8m_{110}^{(20)}m_{111}^{(20)}m_{112}^{(11)} - 8m_{110}^{(20)}m_{111}^{(20)}m_{031}^{(20)} + 8m_{110}^{(20)}m_{111}^{(20)}m_{022}^{(10)} - 8m_{110}^{(20)}m_{111}^{(21)}m_{211}^{(21)}$$
$$+8m_{110}^{(20)}m_{111}^{(21)}m_{121}^{(20)} + 8m_{110}^{(20)}m_{111}^{(21)}m_{112}^{(10)} - 8m_{110}^{(20)}m_{111}^{(21)}m_{022}^{(00)} + 4m_{110}^{(20)}m_{111}^{(22)}m_{211}^{(11)}$$
$$-8m_{110}^{(20)}m_{111}^{(22)}m_{121}^{(10)} + 4m_{110}^{(20)}m_{111}^{(22)}m_{031}^{(00)} - 2m_{110}^{(20)}m_{102}^{(00)}m_{040}^{(22)} + 4m_{110}^{(20)}m_{102}^{(00)}m_{031}^{(21)}$$
$$-2m_{110}^{(20)}m_{102}^{(00)}m_{022}^{(11)} + 4m_{110}^{(20)}m_{102}^{(10)}m_{130}^{(22)} - 4m_{110}^{(20)}m_{102}^{(10)}m_{121}^{(21)} - 4m_{110}^{(20)}m_{102}^{(10)}m_{031}^{(20)}$$
$$+4m_{110}^{(20)}m_{102}^{(10)}m_{022}^{(10)} - 2m_{110}^{(20)}m_{102}^{(11)}m_{220}^{(22)} + 4m_{110}^{(20)}m_{102}^{(11)}m_{121}^{(20)} - 2m_{110}^{(20)}m_{102}^{(11)}m_{022}^{(00)}$$
$$-4m_{110}^{(20)}m_{102}^{(20)}m_{130}^{(21)} + 4m_{110}^{(20)}m_{102}^{(20)}m_{121}^{(11)} + 4m_{110}^{(20)}m_{102}^{(20)}m_{040}^{(20)} - 4m_{110}^{(20)}m_{102}^{(20)}m_{031}^{(10)}$$
$$+4m_{110}^{(20)}m_{102}^{(21)}m_{220}^{(21)} - 4m_{110}^{(20)}m_{102}^{(21)}m_{130}^{(20)} - 4m_{110}^{(20)}m_{102}^{(21)}m_{121}^{(10)} + 4m_{110}^{(20)}m_{102}^{(21)}m_{031}^{(00)}$$
$$-2m_{110}^{(20)}m_{102}^{(22)}m_{220}^{(11)} + 4m_{110}^{(20)}m_{102}^{(22)}m_{130}^{(10)} - 2m_{110}^{(20)}m_{102}^{(22)}m_{040}^{(00)} + 2m_{110}^{(21)}m_{210}^{(00)}m_{022}^{(22)}$$

$$
\begin{aligned}
&-4m_{110}^{(21)}m_{210}^{(00)}m_{013}^{(21)} + 2m_{110}^{(21)}m_{210}^{(00)}m_{004}^{(11)} - 4m_{110}^{(21)}m_{210}^{(10)}m_{112}^{(22)} + 4m_{110}^{(21)}m_{210}^{(10)}m_{103}^{(21)}\\
&+4m_{110}^{(21)}m_{210}^{(10)}m_{013}^{(20)} - 4m_{110}^{(21)}m_{210}^{(10)}m_{004}^{(10)} + 2m_{110}^{(21)}m_{210}^{(11)}m_{202}^{(22)} - 4m_{110}^{(21)}m_{210}^{(11)}m_{103}^{(20)}\\
&+2m_{110}^{(21)}m_{210}^{(11)}m_{004}^{(00)} + 4m_{110}^{(21)}m_{210}^{(20)}m_{112}^{(21)} - 4m_{110}^{(21)}m_{210}^{(20)}m_{103}^{(11)} - 4m_{110}^{(21)}m_{210}^{(20)}m_{022}^{(20)}\\
&+4m_{110}^{(21)}m_{210}^{(20)}m_{013}^{(10)} - 4m_{110}^{(21)}m_{210}^{(21)}m_{202}^{(21)} + 4m_{110}^{(21)}m_{210}^{(21)}m_{112}^{(20)} + 4m_{110}^{(21)}m_{210}^{(21)}m_{103}^{(10)}\\
&-4m_{110}^{(21)}m_{210}^{(21)}m_{013}^{(00)} + 2m_{110}^{(21)}m_{210}^{(22)}m_{202}^{(11)} - 4m_{110}^{(21)}m_{210}^{(22)}m_{112}^{(10)} + 2m_{110}^{(21)}m_{210}^{(22)}m_{022}^{(00)}\\
&-4m_{110}^{(21)}m_{111}^{(00)}m_{121}^{(22)} + 8m_{110}^{(21)}m_{111}^{(00)}m_{112}^{(21)} - 4m_{110}^{(21)}m_{111}^{(00)}m_{103}^{(11)} + 8m_{110}^{(21)}m_{111}^{(10)}m_{121}^{(22)}\\
&-8m_{110}^{(21)}m_{111}^{(10)}m_{202}^{(21)} - 8m_{110}^{(21)}m_{111}^{(10)}m_{112}^{(20)} + 8m_{110}^{(21)}m_{111}^{(10)}m_{103}^{(10)} - 4m_{110}^{(21)}m_{111}^{(11)}m_{301}^{(22)}\\
&+8m_{110}^{(21)}m_{111}^{(11)}m_{202}^{(20)} - 4m_{110}^{(21)}m_{111}^{(11)}m_{103}^{(00)} - 8m_{110}^{(21)}m_{111}^{(20)}m_{211}^{(21)} + 8m_{110}^{(21)}m_{111}^{(20)}m_{202}^{(11)}\\
&+8m_{110}^{(21)}m_{111}^{(20)}m_{121}^{(20)} - 8m_{110}^{(21)}m_{111}^{(20)}m_{112}^{(10)} + 8m_{110}^{(21)}m_{111}^{(21)}m_{301}^{(21)} - 8m_{110}^{(21)}m_{111}^{(21)}m_{211}^{(20)}\\
&-8m_{110}^{(21)}m_{111}^{(21)}m_{202}^{(10)} + 8m_{110}^{(21)}m_{111}^{(21)}m_{112}^{(00)} - 4m_{110}^{(21)}m_{111}^{(22)}m_{301}^{(11)} + 8m_{110}^{(21)}m_{111}^{(22)}m_{211}^{(10)}\\
&-4m_{110}^{(21)}m_{111}^{(22)}m_{121}^{(00)} + 2m_{110}^{(21)}m_{012}^{(00)}m_{220}^{(22)} - 4m_{110}^{(21)}m_{012}^{(00)}m_{211}^{(21)} + 2m_{110}^{(21)}m_{012}^{(00)}m_{202}^{(11)}\\
&-4m_{110}^{(21)}m_{012}^{(10)}m_{310}^{(22)} + 4m_{110}^{(21)}m_{012}^{(10)}m_{301}^{(21)} + 4m_{110}^{(21)}m_{012}^{(10)}m_{211}^{(20)} - 4m_{110}^{(21)}m_{012}^{(10)}m_{202}^{(10)}\\
&+2m_{110}^{(21)}m_{012}^{(11)}m_{400}^{(22)} - 4m_{110}^{(21)}m_{012}^{(11)}m_{301}^{(20)} + 2m_{110}^{(21)}m_{012}^{(11)}m_{202}^{(00)} + 4m_{110}^{(21)}m_{012}^{(20)}m_{310}^{(21)}\\
&-4m_{110}^{(21)}m_{012}^{(20)}m_{301}^{(11)} - 4m_{110}^{(21)}m_{012}^{(20)}m_{220}^{(20)} + 4m_{110}^{(21)}m_{012}^{(20)}m_{211}^{(10)} - 4m_{110}^{(21)}m_{012}^{(21)}m_{400}^{(21)}\\
&+4m_{110}^{(21)}m_{012}^{(21)}m_{310}^{(20)} + 4m_{110}^{(21)}m_{012}^{(21)}m_{301}^{(10)} - 4m_{110}^{(21)}m_{012}^{(21)}m_{211}^{(00)} + 2m_{110}^{(21)}m_{012}^{(22)}m_{400}^{(11)}\\
&-4m_{110}^{(21)}m_{012}^{(22)}m_{310}^{(10)} + 2m_{110}^{(21)}m_{012}^{(22)}m_{220}^{(00)} - 2m_{110}^{(22)}m_{210}^{(00)}m_{031}^{(22)} + 4m_{110}^{(22)}m_{210}^{(00)}m_{022}^{(21)}\\
&-2m_{110}^{(22)}m_{210}^{(00)}m_{013}^{(11)} + 4m_{110}^{(22)}m_{210}^{(10)}m_{121}^{(22)} - 4m_{110}^{(22)}m_{210}^{(10)}m_{112}^{(21)} - 4m_{110}^{(22)}m_{210}^{(10)}m_{022}^{(20)}\\
&+4m_{110}^{(22)}m_{210}^{(10)}m_{013}^{(10)} - 2m_{110}^{(22)}m_{210}^{(11)}m_{211}^{(22)} + 4m_{110}^{(22)}m_{210}^{(11)}m_{112}^{(20)} - 2m_{110}^{(22)}m_{210}^{(11)}m_{013}^{(00)}\\
&-4m_{110}^{(22)}m_{210}^{(20)}m_{121}^{(21)} + 4m_{110}^{(22)}m_{210}^{(20)}m_{112}^{(11)} + 4m_{110}^{(22)}m_{210}^{(20)}m_{031}^{(20)} - 4m_{110}^{(22)}m_{210}^{(20)}m_{022}^{(10)}\\
&+4m_{110}^{(22)}m_{210}^{(21)}m_{211}^{(21)} - 4m_{110}^{(22)}m_{210}^{(21)}m_{121}^{(20)} - 4m_{110}^{(22)}m_{210}^{(21)}m_{112}^{(10)} + 4m_{110}^{(22)}m_{210}^{(21)}m_{022}^{(00)}\\
&-2m_{110}^{(22)}m_{210}^{(22)}m_{211}^{(11)} + 4m_{110}^{(22)}m_{210}^{(22)}m_{121}^{(10)} - 2m_{110}^{(22)}m_{210}^{(22)}m_{031}^{(00)} + m_{110}^{(22)}m_{201}^{(00)}m_{040}^{(22)}\\
&-2m_{110}^{(22)}m_{201}^{(00)}m_{031}^{(21)} + m_{110}^{(22)}m_{201}^{(00)}m_{022}^{(11)} - 2m_{110}^{(22)}m_{201}^{(10)}m_{130}^{(22)} + 2m_{110}^{(22)}m_{201}^{(10)}m_{121}^{(21)}\\
&+2m_{110}^{(22)}m_{201}^{(10)}m_{031}^{(20)} - 2m_{110}^{(22)}m_{201}^{(10)}m_{022}^{(10)} + m_{110}^{(22)}m_{201}^{(11)}m_{220}^{(22)} - 2m_{110}^{(22)}m_{201}^{(11)}m_{121}^{(20)}\\
&+m_{110}^{(22)}m_{201}^{(11)}m_{022}^{(00)} + 2m_{110}^{(22)}m_{201}^{(20)}m_{130}^{(21)} - 2m_{110}^{(22)}m_{201}^{(20)}m_{121}^{(11)} - 2m_{110}^{(22)}m_{201}^{(20)}m_{040}^{(20)}\\
&+2m_{110}^{(22)}m_{201}^{(20)}m_{031}^{(10)} - 2m_{110}^{(22)}m_{201}^{(21)}m_{220}^{(21)} + 2m_{110}^{(22)}m_{201}^{(21)}m_{130}^{(20)} + 2m_{110}^{(22)}m_{201}^{(21)}m_{121}^{(10)}\\
&-2m_{110}^{(22)}m_{201}^{(21)}m_{031}^{(00)} + m_{110}^{(22)}m_{201}^{(22)}m_{220}^{(11)} - 2m_{110}^{(22)}m_{201}^{(22)}m_{130}^{(10)} + m_{110}^{(22)}m_{201}^{(22)}m_{040}^{(00)}\\
&+2m_{110}^{(22)}m_{120}^{(00)}m_{121}^{(22)} - 4m_{110}^{(22)}m_{120}^{(00)}m_{112}^{(21)} + 2m_{110}^{(22)}m_{120}^{(00)}m_{103}^{(11)} - 4m_{110}^{(22)}m_{120}^{(10)}m_{211}^{(22)}\\
&+4m_{110}^{(22)}m_{120}^{(10)}m_{202}^{(21)} + 4m_{110}^{(22)}m_{120}^{(10)}m_{112}^{(20)} - 4m_{110}^{(22)}m_{120}^{(10)}m_{103}^{(10)} + 2m_{110}^{(22)}m_{120}^{(11)}m_{301}^{(22)}\\
&-4m_{110}^{(22)}m_{120}^{(11)}m_{202}^{(20)} + 2m_{110}^{(22)}m_{120}^{(11)}m_{103}^{(00)} + 4m_{110}^{(22)}m_{120}^{(20)}m_{211}^{(21)} - 4m_{110}^{(22)}m_{120}^{(20)}m_{202}^{(11)}\\
&-4m_{110}^{(22)}m_{120}^{(20)}m_{121}^{(20)} + 4m_{110}^{(22)}m_{120}^{(20)}m_{112}^{(10)} - 4m_{110}^{(22)}m_{120}^{(21)}m_{301}^{(21)} + 4m_{110}^{(22)}m_{120}^{(21)}m_{211}^{(20)}\\
&+4m_{110}^{(22)}m_{120}^{(21)}m_{202}^{(10)} - 4m_{110}^{(22)}m_{120}^{(21)}m_{112}^{(00)} + 2m_{110}^{(22)}m_{120}^{(22)}m_{301}^{(11)} - 4m_{110}^{(22)}m_{120}^{(22)}m_{211}^{(10)}\\
&+2m_{110}^{(22)}m_{120}^{(22)}m_{121}^{(00)} - m_{110}^{(22)}m_{021}^{(00)}m_{220}^{(22)} + 2m_{110}^{(22)}m_{021}^{(00)}m_{211}^{(21)} - m_{110}^{(22)}m_{021}^{(00)}m_{202}^{(11)}\\
&+2m_{110}^{(22)}m_{021}^{(10)}m_{310}^{(22)} - 2m_{110}^{(22)}m_{021}^{(10)}m_{301}^{(21)} - 2m_{110}^{(22)}m_{021}^{(10)}m_{211}^{(20)} + 2m_{110}^{(22)}m_{021}^{(10)}m_{202}^{(10)}\\
&-m_{110}^{(22)}m_{021}^{(11)}m_{400}^{(22)} + 2m_{110}^{(22)}m_{021}^{(11)}m_{301}^{(20)} - m_{110}^{(22)}m_{021}^{(11)}m_{202}^{(00)} - 2m_{110}^{(22)}m_{021}^{(20)}m_{310}^{(21)}\\
&+2m_{110}^{(22)}m_{021}^{(20)}m_{301}^{(11)} + 2m_{110}^{(22)}m_{021}^{(20)}m_{220}^{(20)} - 2m_{110}^{(22)}m_{021}^{(20)}m_{211}^{(10)} + 2m_{110}^{(22)}m_{021}^{(21)}m_{400}^{(21)}\\
&-2m_{110}^{(22)}m_{021}^{(21)}m_{310}^{(20)} - 2m_{110}^{(22)}m_{021}^{(21)}m_{301}^{(10)} + 2m_{110}^{(22)}m_{021}^{(21)}m_{211}^{(00)} - m_{110}^{(22)}m_{021}^{(22)}m_{400}^{(11)}\\
&+2m_{110}^{(22)}m_{021}^{(22)}m_{310}^{(10)} - m_{110}^{(22)}m_{021}^{(22)}m_{220}^{(00)} - m_{101}^{(00)}m_{030}^{(00)}m_{022}^{(22)} + 2m_{101}^{(00)}m_{030}^{(00)}m_{013}^{(21)}\\
&-m_{101}^{(00)}m_{030}^{(00)}m_{004}^{(11)} + 2m_{101}^{(00)}m_{030}^{(10)}m_{112}^{(22)} - 2m_{101}^{(00)}m_{030}^{(10)}m_{103}^{(21)} - 2m_{101}^{(00)}m_{030}^{(10)}m_{013}^{(20)}
\end{aligned}
$$

$$+2m_{101}^{(00)}m_{030}^{(10)}m_{004}^{(10)} - m_{101}^{(00)}m_{030}^{(11)}m_{202}^{(22)} + 2m_{101}^{(00)}m_{030}^{(11)}m_{103}^{(20)} - m_{101}^{(00)}m_{030}^{(11)}m_{004}^{(00)}$$
$$-2m_{101}^{(00)}m_{030}^{(20)}m_{112}^{(21)} + 2m_{101}^{(00)}m_{030}^{(20)}m_{103}^{(11)} + 2m_{101}^{(00)}m_{030}^{(20)}m_{022}^{(20)} - 2m_{101}^{(00)}m_{030}^{(20)}m_{013}^{(10)}$$
$$+2m_{101}^{(00)}m_{030}^{(21)}m_{202}^{(21)} - 2m_{101}^{(00)}m_{030}^{(21)}m_{112}^{(20)} - 2m_{101}^{(00)}m_{030}^{(21)}m_{103}^{(10)} + 2m_{101}^{(00)}m_{030}^{(21)}m_{013}^{(00)}$$
$$-m_{101}^{(00)}m_{030}^{(22)}m_{202}^{(11)} + 2m_{101}^{(00)}m_{030}^{(22)}m_{112}^{(10)} - m_{101}^{(00)}m_{030}^{(22)}m_{022}^{(00)} + 2m_{101}^{(00)}m_{021}^{(00)}m_{031}^{(22)}$$
$$-4m_{101}^{(00)}m_{021}^{(00)}m_{022}^{(21)} + 2m_{101}^{(00)}m_{021}^{(00)}m_{013}^{(11)} - 4m_{101}^{(00)}m_{021}^{(10)}m_{121}^{(22)} + 4m_{101}^{(00)}m_{021}^{(10)}m_{112}^{(21)}$$
$$+4m_{101}^{(00)}m_{021}^{(10)}m_{022}^{(20)} - 4m_{101}^{(00)}m_{021}^{(10)}m_{013}^{(10)} + 2m_{101}^{(00)}m_{021}^{(11)}m_{211}^{(22)} - 4m_{101}^{(00)}m_{021}^{(11)}m_{112}^{(20)}$$
$$+2m_{101}^{(00)}m_{021}^{(11)}m_{013}^{(00)} + 4m_{101}^{(00)}m_{021}^{(20)}m_{121}^{(21)} - 4m_{101}^{(00)}m_{021}^{(20)}m_{112}^{(11)} - 4m_{101}^{(00)}m_{021}^{(20)}m_{031}^{(20)}$$
$$+4m_{101}^{(00)}m_{021}^{(20)}m_{022}^{(10)} - 4m_{101}^{(00)}m_{021}^{(21)}m_{211}^{(21)} + 4m_{101}^{(00)}m_{021}^{(21)}m_{121}^{(20)} + 4m_{101}^{(00)}m_{021}^{(21)}m_{112}^{(10)}$$
$$-4m_{101}^{(00)}m_{021}^{(21)}m_{022}^{(00)} + 2m_{101}^{(00)}m_{021}^{(22)}m_{211}^{(11)} - 4m_{101}^{(00)}m_{021}^{(22)}m_{121}^{(10)} + 2m_{101}^{(00)}m_{021}^{(22)}m_{031}^{(00)}$$
$$-m_{101}^{(00)}m_{012}^{(00)}m_{040}^{(22)} + 2m_{101}^{(00)}m_{012}^{(00)}m_{031}^{(21)} - m_{101}^{(00)}m_{012}^{(00)}m_{022}^{(11)} + 2m_{101}^{(00)}m_{012}^{(10)}m_{130}^{(22)}$$
$$-2m_{101}^{(00)}m_{012}^{(10)}m_{121}^{(21)} - 2m_{101}^{(00)}m_{012}^{(10)}m_{031}^{(20)} + 2m_{101}^{(00)}m_{012}^{(10)}m_{022}^{(10)} - m_{101}^{(00)}m_{012}^{(11)}m_{220}^{(22)}$$
$$+2m_{101}^{(00)}m_{012}^{(11)}m_{121}^{(20)} - m_{101}^{(00)}m_{012}^{(11)}m_{022}^{(00)} - 2m_{101}^{(00)}m_{012}^{(20)}m_{130}^{(21)} + 2m_{101}^{(00)}m_{012}^{(20)}m_{121}^{(11)}$$
$$+2m_{101}^{(00)}m_{012}^{(20)}m_{040}^{(20)} - 2m_{101}^{(00)}m_{012}^{(20)}m_{031}^{(10)} + 2m_{101}^{(00)}m_{012}^{(21)}m_{220}^{(21)} - 2m_{101}^{(00)}m_{012}^{(21)}m_{130}^{(20)}$$
$$-2m_{101}^{(00)}m_{012}^{(21)}m_{121}^{(10)} + 2m_{101}^{(00)}m_{012}^{(21)}m_{031}^{(00)} - m_{101}^{(00)}m_{012}^{(22)}m_{220}^{(11)} + 2m_{101}^{(00)}m_{012}^{(22)}m_{130}^{(10)}$$
$$-m_{101}^{(00)}m_{012}^{(22)}m_{040}^{(00)} + 2m_{101}^{(10)}m_{120}^{(00)}m_{022}^{(22)} - 4m_{101}^{(10)}m_{120}^{(00)}m_{013}^{(21)} + 2m_{101}^{(10)}m_{120}^{(00)}m_{004}^{(11)}$$
$$-4m_{101}^{(10)}m_{120}^{(10)}m_{112}^{(22)} + 4m_{101}^{(10)}m_{120}^{(10)}m_{103}^{(21)} + 4m_{101}^{(10)}m_{120}^{(10)}m_{013}^{(20)} - 4m_{101}^{(10)}m_{120}^{(10)}m_{004}^{(10)}$$
$$+2m_{101}^{(10)}m_{120}^{(11)}m_{202}^{(22)} - 4m_{101}^{(10)}m_{120}^{(11)}m_{103}^{(20)} + 2m_{101}^{(10)}m_{120}^{(11)}m_{004}^{(00)} + 4m_{101}^{(10)}m_{120}^{(20)}m_{112}^{(21)}$$
$$-4m_{101}^{(10)}m_{120}^{(20)}m_{103}^{(11)} - 4m_{101}^{(10)}m_{120}^{(20)}m_{022}^{(20)} + 4m_{101}^{(10)}m_{120}^{(20)}m_{013}^{(10)} - 4m_{101}^{(10)}m_{120}^{(21)}m_{202}^{(21)}$$
$$+4m_{101}^{(10)}m_{120}^{(21)}m_{112}^{(20)} + 4m_{101}^{(10)}m_{120}^{(21)}m_{103}^{(10)} - 4m_{101}^{(10)}m_{120}^{(21)}m_{013}^{(00)} + 2m_{101}^{(10)}m_{120}^{(22)}m_{202}^{(11)}$$
$$-4m_{101}^{(10)}m_{120}^{(22)}m_{112}^{(10)} + 2m_{101}^{(10)}m_{120}^{(22)}m_{022}^{(00)} - 4m_{101}^{(10)}m_{111}^{(00)}m_{031}^{(22)} + 8m_{101}^{(10)}m_{111}^{(00)}m_{022}^{(21)}$$
$$-4m_{101}^{(10)}m_{111}^{(00)}m_{013}^{(11)} + 8m_{101}^{(10)}m_{111}^{(10)}m_{121}^{(22)} - 8m_{101}^{(10)}m_{111}^{(10)}m_{112}^{(21)} - 8m_{101}^{(10)}m_{111}^{(10)}m_{022}^{(20)}$$
$$+8m_{101}^{(10)}m_{111}^{(10)}m_{013}^{(10)} - 4m_{101}^{(10)}m_{111}^{(11)}m_{211}^{(22)} + 8m_{101}^{(10)}m_{111}^{(11)}m_{112}^{(20)} - 4m_{101}^{(10)}m_{111}^{(11)}m_{013}^{(00)}$$
$$-8m_{101}^{(10)}m_{111}^{(20)}m_{121}^{(21)} + 8m_{101}^{(10)}m_{111}^{(20)}m_{112}^{(11)} + 8m_{101}^{(10)}m_{111}^{(20)}m_{031}^{(20)} - 8m_{101}^{(10)}m_{111}^{(20)}m_{022}^{(10)}$$
$$+8m_{101}^{(10)}m_{111}^{(21)}m_{211}^{(21)} - 8m_{101}^{(10)}m_{111}^{(21)}m_{121}^{(20)} - 8m_{101}^{(10)}m_{111}^{(21)}m_{112}^{(10)} + 8m_{101}^{(10)}m_{111}^{(21)}m_{022}^{(00)}$$
$$-4m_{101}^{(10)}m_{111}^{(22)}m_{211}^{(11)} + 8m_{101}^{(10)}m_{111}^{(22)}m_{121}^{(10)} - 4m_{101}^{(10)}m_{111}^{(22)}m_{031}^{(00)} + 2m_{101}^{(10)}m_{102}^{(00)}m_{040}^{(22)}$$
$$-4m_{101}^{(10)}m_{102}^{(00)}m_{031}^{(21)} + 2m_{101}^{(10)}m_{102}^{(00)}m_{022}^{(11)} - 4m_{101}^{(10)}m_{102}^{(10)}m_{130}^{(22)} + 4m_{101}^{(10)}m_{102}^{(10)}m_{121}^{(21)}$$
$$+4m_{101}^{(10)}m_{102}^{(10)}m_{031}^{(20)} - 4m_{101}^{(10)}m_{102}^{(10)}m_{022}^{(10)} + 2m_{101}^{(10)}m_{102}^{(11)}m_{220}^{(22)} - 4m_{101}^{(10)}m_{102}^{(11)}m_{121}^{(20)}$$
$$+2m_{101}^{(10)}m_{102}^{(11)}m_{022}^{(00)} + 4m_{101}^{(10)}m_{102}^{(20)}m_{130}^{(21)} - 4m_{101}^{(10)}m_{102}^{(20)}m_{121}^{(11)} - 4m_{101}^{(10)}m_{102}^{(20)}m_{040}^{(20)}$$
$$+4m_{101}^{(10)}m_{102}^{(20)}m_{031}^{(10)} - 4m_{101}^{(10)}m_{102}^{(21)}m_{220}^{(21)} + 4m_{101}^{(10)}m_{102}^{(21)}m_{130}^{(20)} + 4m_{101}^{(10)}m_{102}^{(21)}m_{121}^{(10)}$$
$$-4m_{101}^{(10)}m_{102}^{(21)}m_{031}^{(00)} + 2m_{101}^{(10)}m_{102}^{(22)}m_{220}^{(11)} - 4m_{101}^{(10)}m_{102}^{(22)}m_{130}^{(10)} + 2m_{101}^{(10)}m_{102}^{(22)}m_{040}^{(00)}$$
$$-m_{101}^{(11)}m_{210}^{(00)}m_{022}^{(22)} + 2m_{101}^{(11)}m_{210}^{(00)}m_{013}^{(21)} - m_{101}^{(11)}m_{210}^{(00)}m_{004}^{(11)} + 2m_{101}^{(11)}m_{210}^{(10)}m_{112}^{(22)}$$
$$-2m_{101}^{(11)}m_{210}^{(10)}m_{103}^{(21)} - 2m_{101}^{(11)}m_{210}^{(10)}m_{013}^{(20)} + 2m_{101}^{(11)}m_{210}^{(10)}m_{004}^{(10)} - m_{101}^{(11)}m_{210}^{(11)}m_{202}^{(22)}$$
$$+2m_{101}^{(11)}m_{210}^{(11)}m_{103}^{(20)} - m_{101}^{(11)}m_{210}^{(11)}m_{004}^{(00)} - 2m_{101}^{(11)}m_{210}^{(20)}m_{112}^{(21)} + 2m_{101}^{(11)}m_{210}^{(20)}m_{103}^{(11)}$$
$$+2m_{101}^{(11)}m_{210}^{(20)}m_{022}^{(20)} - 2m_{101}^{(11)}m_{210}^{(20)}m_{013}^{(10)} + 2m_{101}^{(11)}m_{210}^{(21)}m_{202}^{(21)} - 2m_{101}^{(11)}m_{210}^{(21)}m_{112}^{(20)}$$
$$-2m_{101}^{(11)}m_{210}^{(21)}m_{103}^{(10)} + 2m_{101}^{(11)}m_{210}^{(21)}m_{013}^{(00)} - m_{101}^{(11)}m_{210}^{(22)}m_{202}^{(11)} + 2m_{101}^{(11)}m_{210}^{(22)}m_{112}^{(10)}$$
$$-m_{101}^{(11)}m_{210}^{(22)}m_{022}^{(00)} + 2m_{101}^{(11)}m_{201}^{(00)}m_{031}^{(22)} - 4m_{101}^{(11)}m_{201}^{(00)}m_{022}^{(21)} + 2m_{101}^{(11)}m_{201}^{(00)}m_{013}^{(11)}$$
$$-4m_{101}^{(11)}m_{201}^{(10)}m_{121}^{(22)} + 4m_{101}^{(11)}m_{201}^{(10)}m_{112}^{(21)} + 4m_{101}^{(11)}m_{201}^{(10)}m_{022}^{(20)} - 4m_{101}^{(11)}m_{201}^{(10)}m_{013}^{(10)}$$
$$+2m_{101}^{(11)}m_{201}^{(11)}m_{211}^{(22)} - 4m_{101}^{(11)}m_{201}^{(11)}m_{112}^{(20)} + 2m_{101}^{(11)}m_{201}^{(11)}m_{013}^{(00)} + 4m_{101}^{(11)}m_{201}^{(20)}m_{121}^{(21)}$$

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\begin{aligned}
&-4m_{101}^{(11)}m_{201}^{(20)}m_{112}^{(11)} - 4m_{101}^{(11)}m_{201}^{(20)}m_{031}^{(20)} + 4m_{101}^{(11)}m_{201}^{(20)}m_{022}^{(10)} - 4m_{101}^{(11)}m_{201}^{(21)}m_{211}^{(21)}\\
&+4m_{101}^{(11)}m_{201}^{(21)}m_{121}^{(20)} + 4m_{101}^{(11)}m_{201}^{(21)}m_{112}^{(10)} - 4m_{101}^{(11)}m_{201}^{(21)}m_{022}^{(00)} + 2m_{101}^{(11)}m_{201}^{(22)}m_{211}^{(11)}\\
&-4m_{101}^{(11)}m_{201}^{(22)}m_{121}^{(10)} + 2m_{101}^{(11)}m_{201}^{(22)}m_{031}^{(00)} - 2m_{101}^{(11)}m_{102}^{(00)}m_{130}^{(22)} + 4m_{101}^{(11)}m_{102}^{(00)}m_{121}^{(21)}\\
&-2m_{101}^{(11)}m_{102}^{(00)}m_{112}^{(11)} + 4m_{101}^{(11)}m_{102}^{(10)}m_{220}^{(22)} - 4m_{101}^{(11)}m_{102}^{(10)}m_{211}^{(21)} - 4m_{101}^{(11)}m_{102}^{(10)}m_{121}^{(20)}\\
&+4m_{101}^{(11)}m_{102}^{(10)}m_{112}^{(10)} - 2m_{101}^{(11)}m_{102}^{(11)}m_{310}^{(22)} + 4m_{101}^{(11)}m_{102}^{(11)}m_{211}^{(20)} - 2m_{101}^{(11)}m_{102}^{(11)}m_{112}^{(00)}\\
&-4m_{101}^{(11)}m_{102}^{(20)}m_{220}^{(21)} + 4m_{101}^{(11)}m_{102}^{(20)}m_{211}^{(11)} + 4m_{101}^{(11)}m_{102}^{(20)}m_{130}^{(20)} - 4m_{101}^{(11)}m_{102}^{(20)}m_{121}^{(10)}\\
&+4m_{101}^{(11)}m_{102}^{(21)}m_{310}^{(21)} - 4m_{101}^{(11)}m_{102}^{(21)}m_{220}^{(20)} - 4m_{101}^{(11)}m_{102}^{(21)}m_{211}^{(10)} + 4m_{101}^{(11)}m_{102}^{(21)}m_{121}^{(00)}\\
&-2m_{101}^{(11)}m_{102}^{(22)}m_{310}^{(11)} + 4m_{101}^{(11)}m_{102}^{(22)}m_{220}^{(10)} - 2m_{101}^{(11)}m_{102}^{(22)}m_{130}^{(00)} + m_{101}^{(11)}m_{012}^{(00)}m_{220}^{(22)}\\
&-2m_{101}^{(11)}m_{012}^{(00)}m_{211}^{(21)} + m_{101}^{(11)}m_{012}^{(00)}m_{202}^{(11)} - 2m_{101}^{(11)}m_{012}^{(10)}m_{310}^{(22)} + 2m_{101}^{(11)}m_{012}^{(10)}m_{301}^{(21)}\\
&+2m_{101}^{(11)}m_{012}^{(10)}m_{211}^{(20)} - 2m_{101}^{(11)}m_{012}^{(10)}m_{202}^{(10)} + m_{101}^{(11)}m_{012}^{(11)}m_{400}^{(22)} - 2m_{101}^{(11)}m_{012}^{(11)}m_{301}^{(20)}\\
&+m_{101}^{(11)}m_{012}^{(11)}m_{202}^{(00)} + 2m_{101}^{(11)}m_{012}^{(20)}m_{310}^{(21)} - 2m_{101}^{(11)}m_{012}^{(20)}m_{301}^{(11)} - 2m_{101}^{(11)}m_{012}^{(20)}m_{220}^{(20)}\\
&+2m_{101}^{(11)}m_{012}^{(20)}m_{211}^{(10)} - 2m_{101}^{(11)}m_{012}^{(21)}m_{400}^{(21)} + 2m_{101}^{(11)}m_{012}^{(21)}m_{310}^{(20)} + 2m_{101}^{(11)}m_{012}^{(21)}m_{301}^{(10)}\\
&-2m_{101}^{(11)}m_{012}^{(21)}m_{211}^{(00)} + m_{101}^{(11)}m_{012}^{(22)}m_{400}^{(11)} - 2m_{101}^{(11)}m_{012}^{(22)}m_{310}^{(10)} + m_{101}^{(11)}m_{012}^{(22)}m_{220}^{(00)}\\
&-2m_{101}^{(21)}m_{201}^{(00)}m_{040}^{(22)} + 4m_{101}^{(21)}m_{201}^{(00)}m_{031}^{(21)} - 2m_{101}^{(21)}m_{201}^{(00)}m_{022}^{(11)} + 4m_{101}^{(21)}m_{201}^{(10)}m_{130}^{(22)}\\
&-4m_{101}^{(21)}m_{201}^{(10)}m_{121}^{(21)} - 4m_{101}^{(21)}m_{201}^{(10)}m_{031}^{(20)} + 4m_{101}^{(21)}m_{201}^{(10)}m_{022}^{(10)} - 2m_{101}^{(21)}m_{201}^{(11)}m_{220}^{(22)}\\
&+4m_{101}^{(21)}m_{201}^{(11)}m_{121}^{(20)} - 2m_{101}^{(21)}m_{201}^{(11)}m_{022}^{(00)} - 4m_{101}^{(21)}m_{201}^{(20)}m_{130}^{(21)} + 4m_{101}^{(21)}m_{201}^{(20)}m_{121}^{(11)}\\
&+4m_{101}^{(21)}m_{201}^{(20)}m_{040}^{(20)} - 4m_{101}^{(21)}m_{201}^{(20)}m_{031}^{(10)} + 4m_{101}^{(21)}m_{201}^{(21)}m_{220}^{(21)} - 4m_{101}^{(21)}m_{201}^{(21)}m_{130}^{(20)}\\
&-4m_{101}^{(21)}m_{201}^{(21)}m_{121}^{(10)} + 4m_{101}^{(21)}m_{201}^{(21)}m_{031}^{(00)} - 2m_{101}^{(21)}m_{201}^{(22)}m_{220}^{(11)} + 4m_{101}^{(21)}m_{201}^{(22)}m_{130}^{(10)}\\
&-2m_{101}^{(21)}m_{201}^{(22)}m_{040}^{(00)} + 4m_{101}^{(21)}m_{111}^{(00)}m_{130}^{(22)} - 8m_{101}^{(21)}m_{111}^{(00)}m_{121}^{(21)} + 4m_{101}^{(21)}m_{111}^{(00)}m_{112}^{(11)}\\
&-8m_{101}^{(21)}m_{111}^{(10)}m_{220}^{(22)} + 8m_{101}^{(21)}m_{111}^{(10)}m_{211}^{(21)} + 8m_{101}^{(21)}m_{111}^{(10)}m_{121}^{(20)} - 8m_{101}^{(21)}m_{111}^{(10)}m_{112}^{(10)}\\
&+4m_{101}^{(21)}m_{111}^{(11)}m_{310}^{(22)} - 8m_{101}^{(21)}m_{111}^{(11)}m_{211}^{(20)} + 4m_{101}^{(21)}m_{111}^{(11)}m_{112}^{(00)} + 8m_{101}^{(21)}m_{111}^{(20)}m_{220}^{(21)}\\
&-8m_{101}^{(21)}m_{111}^{(20)}m_{211}^{(11)} - 8m_{101}^{(21)}m_{111}^{(20)}m_{130}^{(20)} + 8m_{101}^{(21)}m_{111}^{(20)}m_{121}^{(10)} - 8m_{101}^{(21)}m_{111}^{(21)}m_{310}^{(21)}\\
&+8m_{101}^{(21)}m_{111}^{(21)}m_{220}^{(20)} + 8m_{101}^{(21)}m_{111}^{(21)}m_{211}^{(10)} - 8m_{101}^{(21)}m_{111}^{(21)}m_{121}^{(00)} + 4m_{101}^{(21)}m_{111}^{(22)}m_{310}^{(11)}\\
&-8m_{101}^{(21)}m_{111}^{(22)}m_{220}^{(10)} + 4m_{101}^{(21)}m_{111}^{(22)}m_{130}^{(00)} - 2m_{101}^{(21)}m_{021}^{(00)}m_{220}^{(22)} + 4m_{101}^{(21)}m_{021}^{(00)}m_{211}^{(21)}\\
&-2m_{101}^{(21)}m_{021}^{(00)}m_{202}^{(11)} + 4m_{101}^{(21)}m_{021}^{(10)}m_{310}^{(22)} - 4m_{101}^{(21)}m_{021}^{(10)}m_{301}^{(21)} - 4m_{101}^{(21)}m_{021}^{(10)}m_{211}^{(20)}\\
&+4m_{101}^{(21)}m_{021}^{(10)}m_{202}^{(10)} - 2m_{101}^{(21)}m_{021}^{(11)}m_{400}^{(22)} + 4m_{101}^{(21)}m_{021}^{(11)}m_{301}^{(20)} - 2m_{101}^{(21)}m_{021}^{(11)}m_{202}^{(00)}\\
&-4m_{101}^{(21)}m_{021}^{(20)}m_{310}^{(21)} + 4m_{101}^{(21)}m_{021}^{(20)}m_{301}^{(11)} + 4m_{101}^{(21)}m_{021}^{(20)}m_{220}^{(20)} - 4m_{101}^{(21)}m_{021}^{(20)}m_{211}^{(10)}\\
&+4m_{101}^{(21)}m_{021}^{(21)}m_{400}^{(21)} - 4m_{101}^{(21)}m_{021}^{(21)}m_{310}^{(20)} - 4m_{101}^{(21)}m_{021}^{(21)}m_{301}^{(10)} + 4m_{101}^{(21)}m_{021}^{(21)}m_{211}^{(00)}\\
&-2m_{101}^{(21)}m_{021}^{(22)}m_{400}^{(11)} + 4m_{101}^{(21)}m_{021}^{(22)}m_{310}^{(10)} - 2m_{101}^{(21)}m_{021}^{(22)}m_{220}^{(00)} + m_{101}^{(22)}m_{210}^{(00)}m_{040}^{(22)}\\
&-2m_{101}^{(22)}m_{210}^{(00)}m_{031}^{(21)} + m_{101}^{(22)}m_{210}^{(00)}m_{022}^{(11)} - 2m_{101}^{(22)}m_{210}^{(10)}m_{130}^{(22)} + 2m_{101}^{(22)}m_{210}^{(10)}m_{121}^{(21)}\\
&+2m_{101}^{(22)}m_{210}^{(10)}m_{031}^{(20)} - 2m_{101}^{(22)}m_{210}^{(10)}m_{022}^{(10)} + m_{101}^{(22)}m_{210}^{(11)}m_{220}^{(22)} - 2m_{101}^{(22)}m_{210}^{(11)}m_{121}^{(20)}\\
&+m_{101}^{(22)}m_{210}^{(11)}m_{022}^{(00)} + 2m_{101}^{(22)}m_{210}^{(20)}m_{130}^{(21)} - 2m_{101}^{(22)}m_{210}^{(20)}m_{121}^{(11)} - 2m_{101}^{(22)}m_{210}^{(20)}m_{040}^{(20)}\\
&+2m_{101}^{(22)}m_{210}^{(20)}m_{031}^{(10)} - 2m_{101}^{(22)}m_{210}^{(21)}m_{220}^{(21)} + 2m_{101}^{(22)}m_{210}^{(21)}m_{130}^{(20)} + 2m_{101}^{(22)}m_{210}^{(21)}m_{121}^{(10)}\\
&-2m_{101}^{(22)}m_{210}^{(21)}m_{031}^{(00)} + m_{101}^{(22)}m_{210}^{(22)}m_{220}^{(11)} - 2m_{101}^{(22)}m_{210}^{(22)}m_{130}^{(10)} + m_{101}^{(22)}m_{210}^{(22)}m_{040}^{(00)}\\
&-2m_{101}^{(22)}m_{120}^{(00)}m_{130}^{(22)} + 4m_{101}^{(22)}m_{120}^{(00)}m_{121}^{(21)} - 2m_{101}^{(22)}m_{120}^{(00)}m_{112}^{(11)} + 4m_{101}^{(22)}m_{120}^{(10)}m_{220}^{(22)}\\
&-4m_{101}^{(22)}m_{120}^{(10)}m_{211}^{(21)} - 4m_{101}^{(22)}m_{120}^{(10)}m_{121}^{(20)} + 4m_{101}^{(22)}m_{120}^{(10)}m_{112}^{(10)} - 2m_{101}^{(22)}m_{120}^{(11)}m_{310}^{(22)}\\
&+4m_{101}^{(22)}m_{120}^{(11)}m_{211}^{(20)} - 2m_{101}^{(22)}m_{120}^{(11)}m_{112}^{(00)} - 4m_{101}^{(22)}m_{120}^{(20)}m_{220}^{(21)} + 4m_{101}^{(22)}m_{120}^{(20)}m_{211}^{(11)}\\
&+4m_{101}^{(22)}m_{120}^{(20)}m_{130}^{(20)} - 4m_{101}^{(22)}m_{120}^{(20)}m_{121}^{(10)} + 4m_{101}^{(22)}m_{120}^{(21)}m_{310}^{(21)} - 4m_{101}^{(22)}m_{120}^{(21)}m_{220}^{(20)}
\end{aligned}
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\begin{aligned}
&-4m_{101}^{(22)}m_{120}^{(21)}m_{211}^{(10)} + 4m_{101}^{(22)}m_{120}^{(21)}m_{121}^{(00)} - 2m_{101}^{(22)}m_{120}^{(22)}m_{310}^{(11)} + 4m_{101}^{(22)}m_{120}^{(22)}m_{220}^{(10)}\\
&-2m_{101}^{(22)}m_{120}^{(22)}m_{130}^{(00)} + m_{101}^{(22)}m_{030}^{(00)}m_{220}^{(22)} - 2m_{101}^{(22)}m_{030}^{(00)}m_{211}^{(21)} + m_{101}^{(22)}m_{030}^{(00)}m_{202}^{(11)}\\
&-2m_{101}^{(22)}m_{030}^{(10)}m_{310}^{(22)} + 2m_{101}^{(22)}m_{030}^{(10)}m_{301}^{(21)} + 2m_{101}^{(22)}m_{030}^{(10)}m_{211}^{(20)} - 2m_{101}^{(22)}m_{030}^{(10)}m_{202}^{(10)}\\
&+m_{101}^{(22)}m_{030}^{(11)}m_{400}^{(22)} - 2m_{101}^{(22)}m_{030}^{(11)}m_{301}^{(20)} + m_{101}^{(22)}m_{030}^{(11)}m_{202}^{(00)} + 2m_{101}^{(22)}m_{030}^{(20)}m_{310}^{(21)}\\
&-2m_{101}^{(22)}m_{030}^{(20)}m_{301}^{(11)} - 2m_{101}^{(22)}m_{030}^{(20)}m_{220}^{(20)} + 2m_{101}^{(22)}m_{030}^{(20)}m_{211}^{(10)} - 2m_{101}^{(22)}m_{030}^{(21)}m_{400}^{(21)}\\
&+2m_{101}^{(22)}m_{030}^{(21)}m_{310}^{(20)} + 2m_{101}^{(22)}m_{030}^{(21)}m_{301}^{(10)} - 2m_{101}^{(22)}m_{030}^{(21)}m_{211}^{(00)} + m_{101}^{(22)}m_{030}^{(22)}m_{400}^{(11)}\\
&-2m_{101}^{(22)}m_{030}^{(22)}m_{310}^{(10)} + m_{101}^{(22)}m_{030}^{(22)}m_{220}^{(00)} - m_{020}^{(00)}m_{111}^{(00)}m_{022}^{(22)} + 2m_{020}^{(00)}m_{111}^{(00)}m_{013}^{(21)}\\
&-m_{020}^{(00)}m_{111}^{(00)}m_{004}^{(11)} + 2m_{020}^{(00)}m_{111}^{(10)}m_{112}^{(22)} - 2m_{020}^{(00)}m_{111}^{(10)}m_{103}^{(21)} - 2m_{020}^{(00)}m_{111}^{(10)}m_{013}^{(20)}\\
&+2m_{020}^{(00)}m_{111}^{(10)}m_{004}^{(10)} - m_{020}^{(00)}m_{111}^{(11)}m_{202}^{(22)} + 2m_{020}^{(00)}m_{111}^{(11)}m_{103}^{(20)} - m_{020}^{(00)}m_{111}^{(11)}m_{004}^{(00)}\\
&-2m_{020}^{(00)}m_{111}^{(20)}m_{112}^{(21)} + 2m_{020}^{(00)}m_{111}^{(20)}m_{103}^{(11)} + 2m_{020}^{(00)}m_{111}^{(20)}m_{022}^{(20)} - 2m_{020}^{(00)}m_{111}^{(20)}m_{013}^{(10)}\\
&+2m_{020}^{(00)}m_{111}^{(21)}m_{202}^{(21)} - 2m_{020}^{(00)}m_{111}^{(21)}m_{112}^{(20)} - 2m_{020}^{(00)}m_{111}^{(21)}m_{103}^{(10)} + 2m_{020}^{(00)}m_{111}^{(21)}m_{013}^{(00)}\\
&-m_{020}^{(00)}m_{111}^{(22)}m_{202}^{(11)} + 2m_{020}^{(00)}m_{111}^{(22)}m_{112}^{(10)} - m_{020}^{(00)}m_{111}^{(22)}m_{022}^{(00)} + m_{020}^{(00)}m_{102}^{(00)}m_{031}^{(22)}\\
&-2m_{020}^{(00)}m_{102}^{(00)}m_{022}^{(21)} + m_{020}^{(00)}m_{102}^{(00)}m_{013}^{(11)} - 2m_{020}^{(00)}m_{102}^{(10)}m_{121}^{(22)} + 2m_{020}^{(00)}m_{102}^{(10)}m_{112}^{(21)}\\
&+2m_{020}^{(00)}m_{102}^{(10)}m_{022}^{(20)} - 2m_{020}^{(00)}m_{102}^{(10)}m_{013}^{(10)} + m_{020}^{(00)}m_{102}^{(11)}m_{211}^{(22)} - 2m_{020}^{(00)}m_{102}^{(11)}m_{112}^{(20)}\\
&+m_{020}^{(00)}m_{102}^{(11)}m_{013}^{(00)} + 2m_{020}^{(00)}m_{102}^{(20)}m_{121}^{(21)} - 2m_{020}^{(00)}m_{102}^{(20)}m_{112}^{(11)} - 2m_{020}^{(00)}m_{102}^{(20)}m_{031}^{(20)}\\
&+2m_{020}^{(00)}m_{102}^{(20)}m_{022}^{(10)} - 2m_{020}^{(00)}m_{102}^{(21)}m_{211}^{(21)} + 2m_{020}^{(00)}m_{102}^{(21)}m_{121}^{(20)} + 2m_{020}^{(00)}m_{102}^{(21)}m_{112}^{(10)}\\
&-2m_{020}^{(00)}m_{102}^{(21)}m_{022}^{(00)} + m_{020}^{(00)}m_{102}^{(22)}m_{211}^{(11)} - 2m_{020}^{(00)}m_{102}^{(22)}m_{121}^{(10)} + m_{020}^{(00)}m_{102}^{(22)}m_{031}^{(00)}\\
&+m_{020}^{(00)}m_{012}^{(00)}m_{121}^{(22)} - 2m_{020}^{(00)}m_{012}^{(00)}m_{112}^{(21)} + m_{020}^{(00)}m_{012}^{(00)}m_{103}^{(11)} - 2m_{020}^{(00)}m_{012}^{(10)}m_{211}^{(22)}\\
&+2m_{020}^{(00)}m_{012}^{(10)}m_{202}^{(21)} + 2m_{020}^{(00)}m_{012}^{(10)}m_{112}^{(20)} - 2m_{020}^{(00)}m_{012}^{(10)}m_{103}^{(10)} + m_{020}^{(00)}m_{012}^{(11)}m_{301}^{(22)}\\
&-2m_{020}^{(00)}m_{012}^{(11)}m_{202}^{(20)} + m_{020}^{(00)}m_{012}^{(11)}m_{103}^{(00)} + 2m_{020}^{(00)}m_{012}^{(20)}m_{211}^{(21)} - 2m_{020}^{(00)}m_{012}^{(20)}m_{202}^{(11)}\\
&-2m_{020}^{(00)}m_{012}^{(20)}m_{121}^{(20)} + 2m_{020}^{(00)}m_{012}^{(20)}m_{112}^{(10)} - 2m_{020}^{(00)}m_{012}^{(21)}m_{301}^{(21)} + 2m_{020}^{(00)}m_{012}^{(21)}m_{211}^{(20)}\\
&+2m_{020}^{(00)}m_{012}^{(21)}m_{202}^{(10)} - 2m_{020}^{(00)}m_{012}^{(21)}m_{112}^{(00)} + m_{020}^{(00)}m_{012}^{(22)}m_{301}^{(11)} - 2m_{020}^{(00)}m_{012}^{(22)}m_{211}^{(10)}\\
&+m_{020}^{(00)}m_{012}^{(22)}m_{121}^{(00)} - m_{020}^{(00)}m_{003}^{(00)}m_{130}^{(22)} + 2m_{020}^{(00)}m_{003}^{(00)}m_{121}^{(21)} - m_{020}^{(00)}m_{003}^{(00)}m_{112}^{(11)}\\
&+2m_{020}^{(00)}m_{003}^{(10)}m_{220}^{(22)} - 2m_{020}^{(00)}m_{003}^{(10)}m_{211}^{(21)} - 2m_{020}^{(00)}m_{003}^{(10)}m_{121}^{(20)} + 2m_{020}^{(00)}m_{003}^{(10)}m_{112}^{(10)}\\
&-m_{020}^{(00)}m_{003}^{(11)}m_{310}^{(22)} + 2m_{020}^{(00)}m_{003}^{(11)}m_{211}^{(20)} - m_{020}^{(00)}m_{003}^{(11)}m_{112}^{(00)} - 2m_{020}^{(00)}m_{003}^{(20)}m_{220}^{(21)}\\
&+2m_{020}^{(00)}m_{003}^{(20)}m_{211}^{(11)} + 2m_{020}^{(00)}m_{003}^{(20)}m_{130}^{(20)} - 2m_{020}^{(00)}m_{003}^{(20)}m_{121}^{(10)} + 2m_{020}^{(00)}m_{003}^{(21)}m_{310}^{(21)}\\
&-2m_{020}^{(00)}m_{003}^{(21)}m_{220}^{(20)} - 2m_{020}^{(00)}m_{003}^{(21)}m_{211}^{(10)} + 2m_{020}^{(00)}m_{003}^{(21)}m_{121}^{(00)} - m_{020}^{(00)}m_{003}^{(22)}m_{310}^{(11)}\\
&+2m_{020}^{(00)}m_{003}^{(22)}m_{220}^{(10)} - m_{020}^{(00)}m_{003}^{(22)}m_{130}^{(00)} + m_{020}^{(10)}m_{201}^{(00)}m_{022}^{(22)} - 2m_{020}^{(10)}m_{201}^{(00)}m_{013}^{(21)}\\
&+m_{020}^{(10)}m_{201}^{(00)}m_{004}^{(11)} - 2m_{020}^{(10)}m_{201}^{(10)}m_{112}^{(22)} + 2m_{020}^{(10)}m_{201}^{(10)}m_{103}^{(21)} + 2m_{020}^{(10)}m_{201}^{(10)}m_{013}^{(20)}\\
&-2m_{020}^{(10)}m_{201}^{(10)}m_{004}^{(10)} + m_{020}^{(10)}m_{201}^{(11)}m_{202}^{(22)} - 2m_{020}^{(10)}m_{201}^{(11)}m_{103}^{(20)} + m_{020}^{(10)}m_{201}^{(11)}m_{004}^{(00)}\\
&+2m_{020}^{(10)}m_{201}^{(20)}m_{112}^{(21)} - 2m_{020}^{(10)}m_{201}^{(20)}m_{103}^{(11)} - 2m_{020}^{(10)}m_{201}^{(20)}m_{022}^{(20)} + 2m_{020}^{(10)}m_{201}^{(20)}m_{013}^{(10)}\\
&-2m_{020}^{(10)}m_{201}^{(21)}m_{202}^{(21)} + 2m_{020}^{(10)}m_{201}^{(21)}m_{112}^{(20)} + 2m_{020}^{(10)}m_{201}^{(21)}m_{103}^{(10)} - 2m_{020}^{(10)}m_{201}^{(21)}m_{013}^{(00)}\\
&+m_{020}^{(10)}m_{201}^{(22)}m_{202}^{(11)} - 2m_{020}^{(10)}m_{201}^{(22)}m_{112}^{(10)} + m_{020}^{(10)}m_{201}^{(22)}m_{022}^{(00)} - 2m_{020}^{(10)}m_{102}^{(00)}m_{121}^{(22)}\\
&+4m_{020}^{(10)}m_{102}^{(00)}m_{112}^{(21)} - 2m_{020}^{(10)}m_{102}^{(00)}m_{103}^{(11)} + 4m_{020}^{(10)}m_{102}^{(10)}m_{211}^{(22)} - 4m_{020}^{(10)}m_{102}^{(10)}m_{202}^{(21)}\\
&-4m_{020}^{(10)}m_{102}^{(10)}m_{112}^{(20)} + 4m_{020}^{(10)}m_{102}^{(10)}m_{103}^{(10)} - 2m_{020}^{(10)}m_{102}^{(11)}m_{301}^{(22)} + 4m_{020}^{(10)}m_{102}^{(11)}m_{202}^{(20)}\\
&-2m_{020}^{(10)}m_{102}^{(11)}m_{103}^{(00)} - 4m_{020}^{(10)}m_{102}^{(20)}m_{211}^{(21)} + 4m_{020}^{(10)}m_{102}^{(20)}m_{202}^{(11)} + 4m_{020}^{(10)}m_{102}^{(20)}m_{121}^{(20)}\\
&-4m_{020}^{(10)}m_{102}^{(20)}m_{112}^{(10)} + 4m_{020}^{(10)}m_{102}^{(21)}m_{301}^{(21)} - 4m_{020}^{(10)}m_{102}^{(21)}m_{211}^{(20)} - 4m_{020}^{(10)}m_{102}^{(21)}m_{202}^{(10)}\\
&+4m_{020}^{(10)}m_{102}^{(21)}m_{112}^{(00)} - 2m_{020}^{(10)}m_{102}^{(22)}m_{301}^{(11)} + 4m_{020}^{(10)}m_{102}^{(22)}m_{211}^{(10)} - 2m_{020}^{(10)}m_{102}^{(22)}m_{121}^{(00)}
\end{aligned}
$$

$$+m_{020}^{(10)}m_{003}^{(00)}m_{220}^{(22)}-2m_{020}^{(10)}m_{003}^{(00)}m_{211}^{(21)}+m_{020}^{(10)}m_{003}^{(00)}m_{202}^{(11)}-2m_{020}^{(10)}m_{003}^{(10)}m_{310}^{(22)}$$
$$+2m_{020}^{(10)}m_{003}^{(10)}m_{301}^{(21)}+2m_{020}^{(10)}m_{003}^{(10)}m_{211}^{(20)}-2m_{020}^{(10)}m_{003}^{(10)}m_{202}^{(10)}+m_{020}^{(10)}m_{003}^{(11)}m_{400}^{(22)}$$
$$-2m_{020}^{(10)}m_{003}^{(11)}m_{301}^{(20)}+m_{020}^{(10)}m_{003}^{(11)}m_{202}^{(00)}+2m_{020}^{(10)}m_{003}^{(20)}m_{310}^{(21)}-2m_{020}^{(10)}m_{003}^{(20)}m_{301}^{(11)}$$
$$-2m_{020}^{(10)}m_{003}^{(20)}m_{220}^{(20)}+2m_{020}^{(10)}m_{003}^{(20)}m_{211}^{(10)}-2m_{020}^{(10)}m_{003}^{(21)}m_{400}^{(21)}+2m_{020}^{(10)}m_{003}^{(21)}m_{310}^{(20)}$$
$$+2m_{020}^{(10)}m_{003}^{(21)}m_{301}^{(10)}-2m_{020}^{(10)}m_{003}^{(21)}m_{211}^{(00)}+m_{020}^{(10)}m_{003}^{(22)}m_{400}^{(11)}-2m_{020}^{(10)}m_{003}^{(22)}m_{310}^{(10)}$$
$$+m_{020}^{(10)}m_{003}^{(22)}m_{220}^{(00)}+m_{020}^{(20)}m_{210}^{(00)}m_{022}^{(22)}-2m_{020}^{(20)}m_{210}^{(00)}m_{013}^{(21)}+m_{020}^{(20)}m_{210}^{(00)}m_{004}^{(11)}$$
$$-2m_{020}^{(20)}m_{210}^{(10)}m_{112}^{(22)}+2m_{020}^{(20)}m_{210}^{(10)}m_{103}^{(21)}+2m_{020}^{(20)}m_{210}^{(10)}m_{013}^{(20)}-2m_{020}^{(20)}m_{210}^{(10)}m_{004}^{(10)}$$
$$+m_{020}^{(20)}m_{210}^{(11)}m_{202}^{(22)}-2m_{020}^{(20)}m_{210}^{(11)}m_{103}^{(20)}+m_{020}^{(20)}m_{210}^{(11)}m_{004}^{(00)}+2m_{020}^{(20)}m_{210}^{(20)}m_{112}^{(21)}$$
$$-2m_{020}^{(20)}m_{210}^{(20)}m_{103}^{(11)}-2m_{020}^{(20)}m_{210}^{(20)}m_{022}^{(20)}+2m_{020}^{(20)}m_{210}^{(20)}m_{013}^{(10)}-2m_{020}^{(20)}m_{210}^{(21)}m_{202}^{(21)}$$
$$+2m_{020}^{(20)}m_{210}^{(21)}m_{112}^{(20)}+2m_{020}^{(20)}m_{210}^{(21)}m_{103}^{(10)}-2m_{020}^{(20)}m_{210}^{(21)}m_{013}^{(00)}+m_{020}^{(20)}m_{210}^{(22)}m_{202}^{(11)}$$
$$-2m_{020}^{(20)}m_{210}^{(22)}m_{112}^{(10)}+m_{020}^{(20)}m_{210}^{(22)}m_{022}^{(00)}-2m_{020}^{(20)}m_{201}^{(00)}m_{031}^{(22)}+4m_{020}^{(20)}m_{201}^{(00)}m_{022}^{(21)}$$
$$-2m_{020}^{(20)}m_{201}^{(00)}m_{013}^{(11)}+4m_{020}^{(20)}m_{201}^{(10)}m_{121}^{(22)}-4m_{020}^{(20)}m_{201}^{(10)}m_{112}^{(21)}-4m_{020}^{(20)}m_{201}^{(10)}m_{022}^{(20)}$$
$$+4m_{020}^{(20)}m_{201}^{(10)}m_{013}^{(10)}-2m_{020}^{(20)}m_{201}^{(11)}m_{211}^{(22)}+4m_{020}^{(20)}m_{201}^{(11)}m_{112}^{(20)}-2m_{020}^{(20)}m_{201}^{(11)}m_{013}^{(00)}$$
$$-4m_{020}^{(20)}m_{201}^{(20)}m_{121}^{(21)}+4m_{020}^{(20)}m_{201}^{(20)}m_{112}^{(11)}+4m_{020}^{(20)}m_{201}^{(20)}m_{031}^{(20)}-4m_{020}^{(20)}m_{201}^{(20)}m_{022}^{(10)}$$
$$+4m_{020}^{(20)}m_{201}^{(21)}m_{211}^{(21)}-4m_{020}^{(20)}m_{201}^{(21)}m_{121}^{(20)}-4m_{020}^{(20)}m_{201}^{(21)}m_{112}^{(10)}+4m_{020}^{(20)}m_{201}^{(21)}m_{022}^{(00)}$$
$$-2m_{020}^{(20)}m_{201}^{(22)}m_{211}^{(11)}+4m_{020}^{(20)}m_{201}^{(22)}m_{121}^{(10)}-2m_{020}^{(20)}m_{201}^{(22)}m_{031}^{(00)}+2m_{020}^{(20)}m_{102}^{(00)}m_{130}^{(22)}$$
$$-4m_{020}^{(20)}m_{102}^{(00)}m_{121}^{(21)}+2m_{020}^{(20)}m_{102}^{(00)}m_{112}^{(11)}-4m_{020}^{(20)}m_{102}^{(10)}m_{220}^{(22)}+4m_{020}^{(20)}m_{102}^{(10)}m_{211}^{(21)}$$
$$+4m_{020}^{(20)}m_{102}^{(10)}m_{121}^{(20)}-4m_{020}^{(20)}m_{102}^{(10)}m_{112}^{(10)}+2m_{020}^{(20)}m_{102}^{(11)}m_{310}^{(22)}-4m_{020}^{(20)}m_{102}^{(11)}m_{211}^{(20)}$$
$$+2m_{020}^{(20)}m_{102}^{(11)}m_{112}^{(00)}+4m_{020}^{(20)}m_{102}^{(20)}m_{220}^{(21)}-4m_{020}^{(20)}m_{102}^{(20)}m_{211}^{(11)}-4m_{020}^{(20)}m_{102}^{(20)}m_{130}^{(20)}$$
$$+4m_{020}^{(20)}m_{102}^{(20)}m_{121}^{(10)}-4m_{020}^{(20)}m_{102}^{(21)}m_{310}^{(21)}+4m_{020}^{(20)}m_{102}^{(21)}m_{220}^{(20)}+4m_{020}^{(20)}m_{102}^{(21)}m_{211}^{(10)}$$
$$-4m_{020}^{(20)}m_{102}^{(21)}m_{121}^{(00)}+2m_{020}^{(20)}m_{102}^{(22)}m_{310}^{(11)}-4m_{020}^{(20)}m_{102}^{(22)}m_{220}^{(10)}+2m_{020}^{(20)}m_{102}^{(22)}m_{130}^{(00)}$$
$$-m_{020}^{(20)}m_{012}^{(00)}m_{220}^{(22)}+2m_{020}^{(20)}m_{012}^{(00)}m_{211}^{(21)}-m_{020}^{(20)}m_{012}^{(00)}m_{202}^{(11)}+2m_{020}^{(20)}m_{012}^{(10)}m_{310}^{(22)}$$
$$-2m_{020}^{(20)}m_{012}^{(10)}m_{301}^{(21)}-2m_{020}^{(20)}m_{012}^{(10)}m_{211}^{(20)}+2m_{020}^{(20)}m_{012}^{(10)}m_{202}^{(10)}-m_{020}^{(20)}m_{012}^{(11)}m_{400}^{(22)}$$
$$+2m_{020}^{(20)}m_{012}^{(11)}m_{301}^{(20)}-m_{020}^{(20)}m_{012}^{(11)}m_{202}^{(00)}-2m_{020}^{(20)}m_{012}^{(20)}m_{310}^{(21)}+2m_{020}^{(20)}m_{012}^{(20)}m_{301}^{(11)}$$
$$+2m_{020}^{(20)}m_{012}^{(20)}m_{220}^{(20)}-2m_{020}^{(20)}m_{012}^{(20)}m_{211}^{(10)}+2m_{020}^{(20)}m_{012}^{(21)}m_{400}^{(21)}-2m_{020}^{(20)}m_{012}^{(21)}m_{310}^{(20)}$$
$$-2m_{020}^{(20)}m_{012}^{(21)}m_{301}^{(10)}+2m_{020}^{(20)}m_{012}^{(21)}m_{211}^{(00)}-m_{020}^{(20)}m_{012}^{(22)}m_{400}^{(11)}+2m_{020}^{(20)}m_{012}^{(22)}m_{310}^{(10)}$$
$$-m_{020}^{(20)}m_{012}^{(22)}m_{220}^{(00)}-m_{020}^{(21)}m_{300}^{(00)}m_{022}^{(22)}+2m_{020}^{(21)}m_{300}^{(00)}m_{013}^{(21)}-m_{020}^{(21)}m_{300}^{(00)}m_{004}^{(11)}$$
$$+2m_{020}^{(21)}m_{300}^{(10)}m_{112}^{(22)}-2m_{020}^{(21)}m_{300}^{(10)}m_{103}^{(21)}-2m_{020}^{(21)}m_{300}^{(10)}m_{013}^{(20)}+2m_{020}^{(21)}m_{300}^{(10)}m_{004}^{(10)}$$
$$-m_{020}^{(21)}m_{300}^{(11)}m_{202}^{(22)}+2m_{020}^{(21)}m_{300}^{(11)}m_{103}^{(20)}-m_{020}^{(21)}m_{300}^{(11)}m_{004}^{(00)}-2m_{020}^{(21)}m_{300}^{(20)}m_{112}^{(21)}$$
$$+2m_{020}^{(21)}m_{300}^{(20)}m_{103}^{(11)}+2m_{020}^{(21)}m_{300}^{(20)}m_{022}^{(20)}-2m_{020}^{(21)}m_{300}^{(20)}m_{013}^{(10)}+2m_{020}^{(21)}m_{300}^{(21)}m_{202}^{(21)}$$
$$-2m_{020}^{(21)}m_{300}^{(21)}m_{112}^{(20)}-2m_{020}^{(21)}m_{300}^{(21)}m_{103}^{(10)}+2m_{020}^{(21)}m_{300}^{(21)}m_{013}^{(00)}-m_{020}^{(21)}m_{300}^{(22)}m_{202}^{(11)}$$
$$+2m_{020}^{(21)}m_{300}^{(22)}m_{112}^{(10)}-m_{020}^{(21)}m_{300}^{(22)}m_{022}^{(00)}+2m_{020}^{(21)}m_{201}^{(00)}m_{121}^{(22)}-4m_{020}^{(21)}m_{201}^{(00)}m_{112}^{(21)}$$
$$+2m_{020}^{(21)}m_{201}^{(00)}m_{103}^{(11)}-4m_{020}^{(21)}m_{201}^{(10)}m_{211}^{(22)}+4m_{020}^{(21)}m_{201}^{(10)}m_{202}^{(21)}+4m_{020}^{(21)}m_{201}^{(10)}m_{112}^{(20)}$$
$$-4m_{020}^{(21)}m_{201}^{(10)}m_{103}^{(10)}+2m_{020}^{(21)}m_{201}^{(11)}m_{301}^{(22)}-4m_{020}^{(21)}m_{201}^{(11)}m_{202}^{(20)}+2m_{020}^{(21)}m_{201}^{(11)}m_{103}^{(00)}$$
$$+4m_{020}^{(21)}m_{201}^{(20)}m_{211}^{(21)}-4m_{020}^{(21)}m_{201}^{(20)}m_{202}^{(11)}-4m_{020}^{(21)}m_{201}^{(20)}m_{121}^{(20)}+4m_{020}^{(21)}m_{201}^{(20)}m_{112}^{(10)}$$
$$-4m_{020}^{(21)}m_{201}^{(21)}m_{301}^{(21)}+4m_{020}^{(21)}m_{201}^{(21)}m_{211}^{(20)}+4m_{020}^{(21)}m_{201}^{(21)}m_{202}^{(10)}-4m_{020}^{(21)}m_{201}^{(21)}m_{112}^{(00)}$$
$$+2m_{020}^{(21)}m_{201}^{(22)}m_{301}^{(11)}-4m_{020}^{(21)}m_{201}^{(22)}m_{211}^{(10)}+2m_{020}^{(21)}m_{201}^{(22)}m_{121}^{(00)}-m_{020}^{(21)}m_{102}^{(00)}m_{220}^{(22)}$$
$$+2m_{020}^{(21)}m_{102}^{(00)}m_{211}^{(21)}-m_{020}^{(21)}m_{102}^{(00)}m_{202}^{(11)}+2m_{020}^{(21)}m_{102}^{(10)}m_{310}^{(22)}-2m_{020}^{(21)}m_{102}^{(10)}m_{301}^{(21)}$$

$$
\begin{aligned}
&-2m_{020}^{(21)}m_{102}^{(10)}m_{211}^{(20)}+2m_{020}^{(21)}m_{102}^{(10)}m_{202}^{(10)}-m_{020}^{(21)}m_{102}^{(11)}m_{400}^{(22)}+2m_{020}^{(21)}m_{102}^{(11)}m_{301}^{(20)}\\
&-m_{020}^{(21)}m_{102}^{(11)}m_{202}^{(00)}-2m_{020}^{(21)}m_{102}^{(20)}m_{310}^{(21)}+2m_{020}^{(21)}m_{102}^{(20)}m_{301}^{(11)}+2m_{020}^{(21)}m_{102}^{(20)}m_{220}^{(20)}\\
&-2m_{020}^{(21)}m_{102}^{(20)}m_{211}^{(10)}+2m_{020}^{(21)}m_{102}^{(21)}m_{400}^{(21)}-2m_{020}^{(21)}m_{102}^{(21)}m_{310}^{(20)}-2m_{020}^{(21)}m_{102}^{(21)}m_{301}^{(10)}\\
&+2m_{020}^{(21)}m_{102}^{(21)}m_{211}^{(00)}-m_{020}^{(21)}m_{102}^{(22)}m_{400}^{(11)}+2m_{020}^{(21)}m_{102}^{(22)}m_{310}^{(10)}-m_{020}^{(21)}m_{102}^{(22)}m_{220}^{(00)}\\
&+m_{020}^{(22)}m_{300}^{(00)}m_{031}^{(22)}-2m_{020}^{(22)}m_{300}^{(00)}m_{022}^{(21)}+m_{020}^{(22)}m_{300}^{(00)}m_{013}^{(11)}-2m_{020}^{(22)}m_{300}^{(10)}m_{121}^{(22)}\\
&+2m_{020}^{(22)}m_{300}^{(10)}m_{112}^{(21)}+2m_{020}^{(22)}m_{300}^{(10)}m_{022}^{(20)}-2m_{020}^{(22)}m_{300}^{(10)}m_{013}^{(10)}+m_{020}^{(22)}m_{300}^{(11)}m_{211}^{(22)}\\
&-2m_{020}^{(22)}m_{300}^{(11)}m_{112}^{(20)}+m_{020}^{(22)}m_{300}^{(11)}m_{013}^{(00)}+2m_{020}^{(22)}m_{300}^{(20)}m_{121}^{(21)}-2m_{020}^{(22)}m_{300}^{(20)}m_{112}^{(11)}\\
&-2m_{020}^{(22)}m_{300}^{(20)}m_{031}^{(20)}+2m_{020}^{(22)}m_{300}^{(20)}m_{022}^{(10)}-2m_{020}^{(22)}m_{300}^{(21)}m_{211}^{(21)}+2m_{020}^{(22)}m_{300}^{(21)}m_{121}^{(20)}\\
&+2m_{020}^{(22)}m_{300}^{(21)}m_{112}^{(10)}-2m_{020}^{(22)}m_{300}^{(21)}m_{022}^{(00)}+m_{020}^{(22)}m_{300}^{(22)}m_{211}^{(11)}-2m_{020}^{(22)}m_{300}^{(22)}m_{121}^{(10)}\\
&+m_{020}^{(22)}m_{300}^{(22)}m_{031}^{(00)}-m_{020}^{(22)}m_{210}^{(00)}m_{121}^{(22)}+2m_{020}^{(22)}m_{210}^{(00)}m_{112}^{(21)}-m_{020}^{(22)}m_{210}^{(00)}m_{103}^{(11)}\\
&+2m_{020}^{(22)}m_{210}^{(10)}m_{211}^{(22)}-2m_{020}^{(22)}m_{210}^{(10)}m_{202}^{(21)}-2m_{020}^{(22)}m_{210}^{(10)}m_{112}^{(20)}+2m_{020}^{(22)}m_{210}^{(10)}m_{103}^{(10)}\\
&-m_{020}^{(22)}m_{210}^{(11)}m_{301}^{(22)}+2m_{020}^{(22)}m_{210}^{(11)}m_{202}^{(20)}-m_{020}^{(22)}m_{210}^{(11)}m_{103}^{(00)}-2m_{020}^{(22)}m_{210}^{(20)}m_{211}^{(21)}\\
&+2m_{020}^{(22)}m_{210}^{(20)}m_{202}^{(11)}+2m_{020}^{(22)}m_{210}^{(20)}m_{121}^{(20)}-2m_{020}^{(22)}m_{210}^{(20)}m_{112}^{(10)}+2m_{020}^{(22)}m_{210}^{(21)}m_{301}^{(21)}\\
&-2m_{020}^{(22)}m_{210}^{(21)}m_{211}^{(20)}-2m_{020}^{(22)}m_{210}^{(21)}m_{202}^{(10)}+2m_{020}^{(22)}m_{210}^{(21)}m_{112}^{(00)}-m_{020}^{(22)}m_{210}^{(22)}m_{301}^{(11)}\\
&+2m_{020}^{(22)}m_{210}^{(22)}m_{211}^{(10)}-m_{020}^{(22)}m_{210}^{(22)}m_{121}^{(00)}-m_{020}^{(22)}m_{201}^{(00)}m_{130}^{(22)}+2m_{020}^{(22)}m_{201}^{(00)}m_{121}^{(21)}\\
&-m_{020}^{(22)}m_{201}^{(00)}m_{112}^{(11)}+2m_{020}^{(22)}m_{201}^{(10)}m_{220}^{(22)}-2m_{020}^{(22)}m_{201}^{(10)}m_{211}^{(21)}-2m_{020}^{(22)}m_{201}^{(10)}m_{121}^{(20)}\\
&+2m_{020}^{(22)}m_{201}^{(10)}m_{112}^{(10)}-m_{020}^{(22)}m_{201}^{(11)}m_{310}^{(22)}+2m_{020}^{(22)}m_{201}^{(11)}m_{211}^{(20)}-m_{020}^{(22)}m_{201}^{(11)}m_{112}^{(00)}\\
&-2m_{020}^{(22)}m_{201}^{(20)}m_{220}^{(21)}+2m_{020}^{(22)}m_{201}^{(20)}m_{211}^{(11)}+2m_{020}^{(22)}m_{201}^{(20)}m_{130}^{(20)}-2m_{020}^{(22)}m_{201}^{(20)}m_{121}^{(10)}\\
&+2m_{020}^{(22)}m_{201}^{(21)}m_{310}^{(21)}-2m_{020}^{(22)}m_{201}^{(21)}m_{220}^{(20)}-2m_{020}^{(22)}m_{201}^{(21)}m_{211}^{(10)}+2m_{020}^{(22)}m_{201}^{(21)}m_{121}^{(00)}\\
&-m_{020}^{(22)}m_{201}^{(22)}m_{310}^{(11)}+2m_{020}^{(22)}m_{201}^{(22)}m_{220}^{(10)}-m_{020}^{(22)}m_{201}^{(22)}m_{130}^{(00)}+m_{020}^{(22)}m_{111}^{(00)}m_{220}^{(22)}\\
&-2m_{020}^{(22)}m_{111}^{(00)}m_{211}^{(21)}+m_{020}^{(22)}m_{111}^{(00)}m_{202}^{(11)}-2m_{020}^{(22)}m_{111}^{(10)}m_{310}^{(22)}+2m_{020}^{(22)}m_{111}^{(10)}m_{301}^{(21)}\\
&+2m_{020}^{(22)}m_{111}^{(10)}m_{211}^{(20)}-2m_{020}^{(22)}m_{111}^{(10)}m_{202}^{(10)}+m_{020}^{(22)}m_{111}^{(11)}m_{400}^{(22)}-2m_{020}^{(22)}m_{111}^{(11)}m_{301}^{(20)}\\
&+m_{020}^{(22)}m_{111}^{(11)}m_{202}^{(00)}+2m_{020}^{(22)}m_{111}^{(20)}m_{310}^{(21)}-2m_{020}^{(22)}m_{111}^{(20)}m_{301}^{(11)}-2m_{020}^{(22)}m_{111}^{(20)}m_{220}^{(20)}\\
&+2m_{020}^{(22)}m_{111}^{(20)}m_{211}^{(10)}-2m_{020}^{(22)}m_{111}^{(21)}m_{400}^{(21)}+2m_{020}^{(22)}m_{111}^{(21)}m_{310}^{(20)}+2m_{020}^{(22)}m_{111}^{(21)}m_{301}^{(10)}\\
&-2m_{020}^{(22)}m_{111}^{(21)}m_{211}^{(00)}+m_{020}^{(22)}m_{111}^{(22)}m_{400}^{(11)}-2m_{020}^{(22)}m_{111}^{(22)}m_{310}^{(10)}+m_{020}^{(22)}m_{111}^{(22)}m_{220}^{(00)}\\
&+m_{011}^{(00)}m_{120}^{(00)}m_{022}^{(22)}-2m_{011}^{(00)}m_{120}^{(00)}m_{013}^{(21)}+m_{011}^{(00)}m_{120}^{(00)}m_{004}^{(11)}-2m_{011}^{(00)}m_{120}^{(10)}m_{112}^{(22)}\\
&+2m_{011}^{(00)}m_{120}^{(10)}m_{103}^{(21)}+2m_{011}^{(00)}m_{120}^{(10)}m_{013}^{(20)}-2m_{011}^{(00)}m_{120}^{(10)}m_{004}^{(10)}+m_{011}^{(00)}m_{120}^{(11)}m_{202}^{(22)}\\
&-2m_{011}^{(00)}m_{120}^{(11)}m_{103}^{(20)}+m_{011}^{(00)}m_{120}^{(11)}m_{004}^{(00)}+2m_{011}^{(00)}m_{120}^{(20)}m_{112}^{(21)}-2m_{011}^{(00)}m_{120}^{(20)}m_{103}^{(11)}\\
&-2m_{011}^{(00)}m_{120}^{(20)}m_{022}^{(20)}+2m_{011}^{(00)}m_{120}^{(20)}m_{013}^{(10)}-2m_{011}^{(00)}m_{120}^{(21)}m_{202}^{(21)}+2m_{011}^{(00)}m_{120}^{(21)}m_{112}^{(20)}\\
&+2m_{011}^{(00)}m_{120}^{(21)}m_{103}^{(10)}-2m_{011}^{(00)}m_{120}^{(21)}m_{013}^{(00)}+m_{011}^{(00)}m_{120}^{(22)}m_{202}^{(11)}-2m_{011}^{(00)}m_{120}^{(22)}m_{112}^{(10)}\\
&+m_{011}^{(00)}m_{120}^{(22)}m_{022}^{(00)}-m_{011}^{(00)}m_{102}^{(00)}m_{040}^{(22)}+2m_{011}^{(00)}m_{102}^{(00)}m_{031}^{(21)}-m_{011}^{(00)}m_{102}^{(00)}m_{022}^{(11)}\\
&+2m_{011}^{(00)}m_{102}^{(10)}m_{130}^{(22)}-2m_{011}^{(00)}m_{102}^{(10)}m_{121}^{(21)}-2m_{011}^{(00)}m_{102}^{(10)}m_{031}^{(20)}+2m_{011}^{(00)}m_{102}^{(10)}m_{022}^{(10)}\\
&-m_{011}^{(00)}m_{102}^{(11)}m_{220}^{(22)}+2m_{011}^{(00)}m_{102}^{(11)}m_{121}^{(20)}-m_{011}^{(00)}m_{102}^{(11)}m_{022}^{(00)}-2m_{011}^{(00)}m_{102}^{(20)}m_{130}^{(21)}\\
&+2m_{011}^{(00)}m_{102}^{(20)}m_{121}^{(11)}+2m_{011}^{(00)}m_{102}^{(20)}m_{040}^{(20)}-2m_{011}^{(00)}m_{102}^{(20)}m_{031}^{(10)}+2m_{011}^{(00)}m_{102}^{(21)}m_{220}^{(21)}\\
&-2m_{011}^{(00)}m_{102}^{(21)}m_{130}^{(20)}-2m_{011}^{(00)}m_{102}^{(21)}m_{121}^{(10)}+2m_{011}^{(00)}m_{102}^{(21)}m_{031}^{(00)}-m_{011}^{(00)}m_{102}^{(22)}m_{220}^{(11)}\\
&+2m_{011}^{(00)}m_{102}^{(22)}m_{130}^{(10)}-m_{011}^{(00)}m_{102}^{(22)}m_{040}^{(00)}-2m_{011}^{(00)}m_{021}^{(00)}m_{121}^{(22)}+4m_{011}^{(00)}m_{021}^{(00)}m_{112}^{(21)}\\
&-2m_{011}^{(00)}m_{021}^{(00)}m_{103}^{(11)}+4m_{011}^{(00)}m_{021}^{(10)}m_{211}^{(22)}-4m_{011}^{(00)}m_{021}^{(10)}m_{202}^{(21)}-4m_{011}^{(00)}m_{021}^{(10)}m_{112}^{(20)}\\
&+4m_{011}^{(00)}m_{021}^{(10)}m_{103}^{(10)}-2m_{011}^{(00)}m_{021}^{(11)}m_{301}^{(22)}+4m_{011}^{(00)}m_{021}^{(11)}m_{202}^{(20)}-2m_{011}^{(00)}m_{021}^{(11)}m_{103}^{(00)}
\end{aligned}
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\begin{aligned}
&-4m_{011}^{(00)}m_{021}^{(20)}m_{211}^{(21)} + 4m_{011}^{(00)}m_{021}^{(20)}m_{202}^{(11)} + 4m_{011}^{(00)}m_{021}^{(20)}m_{121}^{(20)} - 4m_{011}^{(00)}m_{021}^{(20)}m_{112}^{(10)} \\
&+4m_{011}^{(00)}m_{021}^{(21)}m_{301}^{(21)} - 4m_{011}^{(00)}m_{021}^{(21)}m_{211}^{(20)} - 4m_{011}^{(00)}m_{021}^{(21)}m_{202}^{(10)} + 4m_{011}^{(00)}m_{021}^{(21)}m_{112}^{(00)} \\
&-2m_{011}^{(00)}m_{021}^{(22)}m_{301}^{(11)} + 4m_{011}^{(00)}m_{021}^{(22)}m_{211}^{(10)} - 2m_{011}^{(00)}m_{021}^{(22)}m_{121}^{(00)} + 2m_{011}^{(00)}m_{012}^{(00)}m_{130}^{(22)} \\
&-4m_{011}^{(00)}m_{012}^{(00)}m_{121}^{(21)} + 2m_{011}^{(00)}m_{012}^{(00)}m_{112}^{(11)} - 4m_{011}^{(00)}m_{012}^{(10)}m_{220}^{(22)} + 4m_{011}^{(00)}m_{012}^{(10)}m_{211}^{(21)} \\
&+4m_{011}^{(00)}m_{012}^{(10)}m_{121}^{(20)} - 4m_{011}^{(00)}m_{012}^{(10)}m_{112}^{(10)} + 2m_{011}^{(00)}m_{012}^{(11)}m_{310}^{(22)} - 4m_{011}^{(00)}m_{012}^{(11)}m_{211}^{(20)} \\
&+2m_{011}^{(00)}m_{012}^{(11)}m_{112}^{(00)} + 4m_{011}^{(00)}m_{012}^{(20)}m_{220}^{(21)} - 4m_{011}^{(00)}m_{012}^{(20)}m_{211}^{(11)} - 4m_{011}^{(00)}m_{012}^{(20)}m_{130}^{(20)} \\
&+4m_{011}^{(00)}m_{012}^{(20)}m_{121}^{(10)} - 4m_{011}^{(00)}m_{012}^{(21)}m_{310}^{(21)} + 4m_{011}^{(00)}m_{012}^{(21)}m_{220}^{(20)} + 4m_{011}^{(00)}m_{012}^{(21)}m_{211}^{(10)} \\
&-4m_{011}^{(00)}m_{012}^{(21)}m_{121}^{(00)} + 2m_{011}^{(00)}m_{012}^{(22)}m_{310}^{(11)} - 4m_{011}^{(00)}m_{012}^{(22)}m_{220}^{(10)} + 2m_{011}^{(00)}m_{012}^{(22)}m_{130}^{(00)} \\
&-2m_{011}^{(10)}m_{210}^{(00)}m_{022}^{(22)} + 4m_{011}^{(10)}m_{210}^{(00)}m_{013}^{(21)} - 2m_{011}^{(10)}m_{210}^{(00)}m_{004}^{(11)} + 4m_{011}^{(10)}m_{210}^{(10)}m_{112}^{(22)} \\
&-4m_{011}^{(10)}m_{210}^{(10)}m_{103}^{(21)} - 4m_{011}^{(10)}m_{210}^{(10)}m_{013}^{(20)} + 4m_{011}^{(10)}m_{210}^{(10)}m_{004}^{(10)} - 2m_{011}^{(10)}m_{210}^{(11)}m_{202}^{(22)} \\
&+4m_{011}^{(10)}m_{210}^{(11)}m_{103}^{(20)} - 2m_{011}^{(10)}m_{210}^{(11)}m_{004}^{(00)} - 4m_{011}^{(10)}m_{210}^{(20)}m_{112}^{(21)} + 4m_{011}^{(10)}m_{210}^{(20)}m_{103}^{(11)} \\
&+4m_{011}^{(10)}m_{210}^{(20)}m_{022}^{(20)} - 4m_{011}^{(10)}m_{210}^{(20)}m_{013}^{(10)} + 4m_{011}^{(10)}m_{210}^{(21)}m_{202}^{(21)} - 4m_{011}^{(10)}m_{210}^{(21)}m_{112}^{(20)} \\
&-4m_{011}^{(10)}m_{210}^{(21)}m_{103}^{(10)} + 4m_{011}^{(10)}m_{210}^{(21)}m_{013}^{(00)} - 2m_{011}^{(10)}m_{210}^{(22)}m_{202}^{(11)} + 4m_{011}^{(10)}m_{210}^{(22)}m_{112}^{(10)} \\
&-2m_{011}^{(10)}m_{210}^{(22)}m_{022}^{(00)} + 4m_{011}^{(10)}m_{111}^{(00)}m_{121}^{(22)} - 8m_{011}^{(10)}m_{111}^{(00)}m_{112}^{(21)} + 4m_{011}^{(10)}m_{111}^{(00)}m_{103}^{(11)} \\
&-8m_{011}^{(10)}m_{111}^{(10)}m_{211}^{(22)} + 8m_{011}^{(10)}m_{111}^{(10)}m_{202}^{(21)} + 8m_{011}^{(10)}m_{111}^{(10)}m_{112}^{(20)} - 8m_{011}^{(10)}m_{111}^{(10)}m_{103}^{(10)} \\
&+4m_{011}^{(10)}m_{111}^{(11)}m_{301}^{(22)} - 8m_{011}^{(10)}m_{111}^{(11)}m_{202}^{(20)} + 4m_{011}^{(10)}m_{111}^{(11)}m_{103}^{(00)} + 8m_{011}^{(10)}m_{111}^{(20)}m_{211}^{(21)} \\
&-8m_{011}^{(10)}m_{111}^{(20)}m_{202}^{(11)} - 8m_{011}^{(10)}m_{111}^{(20)}m_{121}^{(20)} + 8m_{011}^{(10)}m_{111}^{(20)}m_{112}^{(10)} - 8m_{011}^{(10)}m_{111}^{(21)}m_{301}^{(21)} \\
&+8m_{011}^{(10)}m_{111}^{(21)}m_{211}^{(20)} + 8m_{011}^{(10)}m_{111}^{(21)}m_{202}^{(10)} - 8m_{011}^{(10)}m_{111}^{(21)}m_{112}^{(00)} + 4m_{011}^{(10)}m_{111}^{(22)}m_{301}^{(11)} \\
&-8m_{011}^{(10)}m_{111}^{(22)}m_{211}^{(10)} + 4m_{011}^{(10)}m_{111}^{(22)}m_{121}^{(00)} - 2m_{011}^{(10)}m_{012}^{(00)}m_{220}^{(22)} + 4m_{011}^{(10)}m_{012}^{(00)}m_{211}^{(21)} \\
&-2m_{011}^{(10)}m_{012}^{(00)}m_{202}^{(11)} + 4m_{011}^{(10)}m_{012}^{(10)}m_{310}^{(22)} - 4m_{011}^{(10)}m_{012}^{(10)}m_{301}^{(21)} - 4m_{011}^{(10)}m_{012}^{(10)}m_{211}^{(20)} \\
&+4m_{011}^{(10)}m_{012}^{(10)}m_{202}^{(10)} - 2m_{011}^{(10)}m_{012}^{(11)}m_{400}^{(22)} + 4m_{011}^{(10)}m_{012}^{(11)}m_{301}^{(20)} - 2m_{011}^{(10)}m_{012}^{(11)}m_{202}^{(00)} \\
&-4m_{011}^{(10)}m_{012}^{(20)}m_{310}^{(21)} + 4m_{011}^{(10)}m_{012}^{(20)}m_{301}^{(11)} + 4m_{011}^{(10)}m_{012}^{(20)}m_{220}^{(20)} - 4m_{011}^{(10)}m_{012}^{(20)}m_{211}^{(10)} \\
&+4m_{011}^{(10)}m_{012}^{(21)}m_{400}^{(21)} - 4m_{011}^{(10)}m_{012}^{(21)}m_{310}^{(20)} - 4m_{011}^{(10)}m_{012}^{(21)}m_{301}^{(10)} + 4m_{011}^{(10)}m_{012}^{(21)}m_{211}^{(00)} \\
&-2m_{011}^{(10)}m_{012}^{(22)}m_{400}^{(11)} + 4m_{011}^{(10)}m_{012}^{(22)}m_{310}^{(10)} - 2m_{011}^{(10)}m_{012}^{(22)}m_{220}^{(00)} + m_{011}^{(11)}m_{300}^{(00)}m_{022}^{(22)} \\
&-2m_{011}^{(11)}m_{300}^{(00)}m_{013}^{(21)} + m_{011}^{(11)}m_{300}^{(00)}m_{004}^{(11)} - 2m_{011}^{(11)}m_{300}^{(10)}m_{112}^{(22)} + 2m_{011}^{(11)}m_{300}^{(10)}m_{103}^{(21)} \\
&+2m_{011}^{(11)}m_{300}^{(10)}m_{013}^{(20)} - 2m_{011}^{(11)}m_{300}^{(10)}m_{004}^{(10)} + m_{011}^{(11)}m_{300}^{(11)}m_{202}^{(22)} - 2m_{011}^{(11)}m_{300}^{(11)}m_{103}^{(20)} \\
&+m_{011}^{(11)}m_{300}^{(11)}m_{004}^{(00)} + 2m_{011}^{(11)}m_{300}^{(20)}m_{112}^{(21)} - 2m_{011}^{(11)}m_{300}^{(20)}m_{103}^{(11)} - 2m_{011}^{(11)}m_{300}^{(20)}m_{022}^{(20)} \\
&+2m_{011}^{(11)}m_{300}^{(20)}m_{013}^{(10)} - 2m_{011}^{(11)}m_{300}^{(21)}m_{202}^{(21)} + 2m_{011}^{(11)}m_{300}^{(21)}m_{112}^{(20)} + 2m_{011}^{(11)}m_{300}^{(21)}m_{103}^{(10)} \\
&-2m_{011}^{(11)}m_{300}^{(21)}m_{013}^{(00)} + m_{011}^{(11)}m_{300}^{(22)}m_{202}^{(11)} - 2m_{011}^{(11)}m_{300}^{(22)}m_{112}^{(10)} + m_{011}^{(11)}m_{300}^{(22)}m_{022}^{(00)} \\
&-2m_{011}^{(11)}m_{201}^{(00)}m_{121}^{(22)} + 4m_{011}^{(11)}m_{201}^{(00)}m_{112}^{(21)} - 2m_{011}^{(11)}m_{201}^{(00)}m_{103}^{(11)} + 4m_{011}^{(11)}m_{201}^{(10)}m_{211}^{(22)} \\
&-4m_{011}^{(11)}m_{201}^{(10)}m_{202}^{(21)} - 4m_{011}^{(11)}m_{201}^{(10)}m_{112}^{(20)} + 4m_{011}^{(11)}m_{201}^{(10)}m_{103}^{(10)} - 2m_{011}^{(11)}m_{201}^{(11)}m_{301}^{(22)} \\
&+4m_{011}^{(11)}m_{201}^{(11)}m_{202}^{(20)} - 2m_{011}^{(11)}m_{201}^{(11)}m_{103}^{(00)} - 4m_{011}^{(11)}m_{201}^{(20)}m_{211}^{(21)} + 4m_{011}^{(11)}m_{201}^{(20)}m_{202}^{(11)} \\
&+4m_{011}^{(11)}m_{201}^{(20)}m_{121}^{(20)} - 4m_{011}^{(11)}m_{201}^{(20)}m_{112}^{(10)} + 4m_{011}^{(11)}m_{201}^{(21)}m_{301}^{(21)} - 4m_{011}^{(11)}m_{201}^{(21)}m_{211}^{(20)} \\
&-4m_{011}^{(11)}m_{201}^{(21)}m_{202}^{(10)} + 4m_{011}^{(11)}m_{201}^{(21)}m_{112}^{(00)} - 2m_{011}^{(11)}m_{201}^{(22)}m_{301}^{(11)} + 4m_{011}^{(11)}m_{201}^{(22)}m_{211}^{(10)} \\
&-2m_{011}^{(11)}m_{201}^{(22)}m_{121}^{(00)} + m_{011}^{(11)}m_{102}^{(00)}m_{220}^{(22)} - 2m_{011}^{(11)}m_{102}^{(00)}m_{211}^{(21)} + m_{011}^{(11)}m_{102}^{(00)}m_{202}^{(11)} \\
&-2m_{011}^{(11)}m_{102}^{(10)}m_{310}^{(22)} + 2m_{011}^{(11)}m_{102}^{(10)}m_{301}^{(21)} + 2m_{011}^{(11)}m_{102}^{(10)}m_{211}^{(20)} - 2m_{011}^{(11)}m_{102}^{(10)}m_{202}^{(10)} \\
&+m_{011}^{(11)}m_{102}^{(11)}m_{400}^{(22)} - 2m_{011}^{(11)}m_{102}^{(11)}m_{301}^{(20)} + m_{011}^{(11)}m_{102}^{(11)}m_{202}^{(00)} + 2m_{011}^{(11)}m_{102}^{(20)}m_{310}^{(21)} \\
&-2m_{011}^{(11)}m_{102}^{(20)}m_{301}^{(11)} - 2m_{011}^{(11)}m_{102}^{(20)}m_{220}^{(20)} + 2m_{011}^{(11)}m_{102}^{(20)}m_{211}^{(10)} - 2m_{011}^{(11)}m_{102}^{(21)}m_{400}^{(21)}
\end{aligned}
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\begin{aligned}
&+2m_{011}^{(11)}m_{102}^{(21)}m_{310}^{(20)} + 2m_{011}^{(11)}m_{102}^{(21)}m_{301}^{(10)} - 2m_{011}^{(11)}m_{102}^{(21)}m_{211}^{(00)} + m_{011}^{(11)}m_{102}^{(22)}m_{400}^{(11)}\\
&-2m_{011}^{(11)}m_{102}^{(22)}m_{310}^{(10)} + m_{011}^{(11)}m_{102}^{(22)}m_{220}^{(00)} + 2m_{011}^{(20)}m_{201}^{(00)}m_{040}^{(22)} - 4m_{011}^{(20)}m_{201}^{(00)}m_{031}^{(21)}\\
&+2m_{011}^{(20)}m_{201}^{(00)}m_{022}^{(11)} - 4m_{011}^{(20)}m_{201}^{(10)}m_{130}^{(22)} + 4m_{011}^{(20)}m_{201}^{(10)}m_{121}^{(21)} + 4m_{011}^{(20)}m_{201}^{(10)}m_{031}^{(20)}\\
&-4m_{011}^{(20)}m_{201}^{(10)}m_{022}^{(10)} + 2m_{011}^{(20)}m_{201}^{(11)}m_{220}^{(22)} - 4m_{011}^{(20)}m_{201}^{(11)}m_{121}^{(20)} + 2m_{011}^{(20)}m_{201}^{(11)}m_{022}^{(00)}\\
&+4m_{011}^{(20)}m_{201}^{(20)}m_{130}^{(21)} - 4m_{011}^{(20)}m_{201}^{(20)}m_{121}^{(11)} - 4m_{011}^{(20)}m_{201}^{(20)}m_{040}^{(20)} + 4m_{011}^{(20)}m_{201}^{(20)}m_{031}^{(10)}\\
&-4m_{011}^{(20)}m_{201}^{(21)}m_{220}^{(21)} + 4m_{011}^{(20)}m_{201}^{(21)}m_{130}^{(20)} + 4m_{011}^{(20)}m_{201}^{(21)}m_{121}^{(10)} - 4m_{011}^{(20)}m_{201}^{(21)}m_{031}^{(00)}\\
&+2m_{011}^{(20)}m_{201}^{(22)}m_{220}^{(11)} - 4m_{011}^{(20)}m_{201}^{(22)}m_{130}^{(10)} + 2m_{011}^{(20)}m_{201}^{(22)}m_{040}^{(00)} - 4m_{011}^{(20)}m_{111}^{(00)}m_{130}^{(22)}\\
&+8m_{011}^{(20)}m_{111}^{(00)}m_{121}^{(21)} - 4m_{011}^{(20)}m_{111}^{(00)}m_{112}^{(11)} + 8m_{011}^{(20)}m_{111}^{(10)}m_{220}^{(22)} - 8m_{011}^{(20)}m_{111}^{(10)}m_{211}^{(21)}\\
&-8m_{011}^{(20)}m_{111}^{(10)}m_{121}^{(20)} + 8m_{011}^{(20)}m_{111}^{(10)}m_{112}^{(10)} - 4m_{011}^{(20)}m_{111}^{(11)}m_{310}^{(22)} + 8m_{011}^{(20)}m_{111}^{(11)}m_{211}^{(20)}\\
&-4m_{011}^{(20)}m_{111}^{(11)}m_{112}^{(00)} - 8m_{011}^{(20)}m_{111}^{(20)}m_{220}^{(21)} + 8m_{011}^{(20)}m_{111}^{(20)}m_{211}^{(11)} + 8m_{011}^{(20)}m_{111}^{(20)}m_{130}^{(20)}\\
&-8m_{011}^{(20)}m_{111}^{(20)}m_{121}^{(10)} + 8m_{011}^{(20)}m_{111}^{(21)}m_{310}^{(21)} - 8m_{011}^{(20)}m_{111}^{(21)}m_{220}^{(20)} - 8m_{011}^{(20)}m_{111}^{(21)}m_{211}^{(10)}\\
&+8m_{011}^{(20)}m_{111}^{(21)}m_{121}^{(00)} - 4m_{011}^{(20)}m_{111}^{(22)}m_{310}^{(11)} + 8m_{011}^{(20)}m_{111}^{(22)}m_{220}^{(10)} - 4m_{011}^{(20)}m_{111}^{(22)}m_{130}^{(00)}\\
&+2m_{011}^{(20)}m_{021}^{(00)}m_{220}^{(22)} - 4m_{011}^{(20)}m_{021}^{(00)}m_{211}^{(21)} + 2m_{011}^{(20)}m_{021}^{(00)}m_{202}^{(11)} - 4m_{011}^{(20)}m_{021}^{(10)}m_{310}^{(22)}\\
&+4m_{011}^{(20)}m_{021}^{(10)}m_{301}^{(21)} + 4m_{011}^{(20)}m_{021}^{(10)}m_{211}^{(20)} - 4m_{011}^{(20)}m_{021}^{(10)}m_{202}^{(10)} + 2m_{011}^{(20)}m_{021}^{(11)}m_{400}^{(22)}\\
&-4m_{011}^{(20)}m_{021}^{(11)}m_{301}^{(20)} + 2m_{011}^{(20)}m_{021}^{(11)}m_{202}^{(00)} + 4m_{011}^{(20)}m_{021}^{(20)}m_{310}^{(21)} - 4m_{011}^{(20)}m_{021}^{(20)}m_{301}^{(11)}\\
&-4m_{011}^{(20)}m_{021}^{(20)}m_{220}^{(20)} + 4m_{011}^{(20)}m_{021}^{(20)}m_{211}^{(10)} - 4m_{011}^{(20)}m_{021}^{(21)}m_{400}^{(21)} + 4m_{011}^{(20)}m_{021}^{(21)}m_{310}^{(20)}\\
&+4m_{011}^{(20)}m_{021}^{(21)}m_{301}^{(10)} - 4m_{011}^{(20)}m_{021}^{(21)}m_{211}^{(00)} + 2m_{011}^{(20)}m_{021}^{(22)}m_{400}^{(11)} - 4m_{011}^{(20)}m_{021}^{(22)}m_{310}^{(10)}\\
&+2m_{011}^{(20)}m_{021}^{(22)}m_{220}^{(00)} - m_{011}^{(22)}m_{300}^{(00)}m_{040}^{(22)} + 2m_{011}^{(22)}m_{300}^{(00)}m_{031}^{(21)} - m_{011}^{(22)}m_{300}^{(00)}m_{022}^{(11)}\\
&+2m_{011}^{(22)}m_{300}^{(10)}m_{130}^{(22)} - 2m_{011}^{(22)}m_{300}^{(10)}m_{121}^{(21)} - 2m_{011}^{(22)}m_{300}^{(10)}m_{031}^{(20)} + 2m_{011}^{(22)}m_{300}^{(10)}m_{022}^{(10)}\\
&-m_{011}^{(22)}m_{300}^{(11)}m_{220}^{(22)} + 2m_{011}^{(22)}m_{300}^{(11)}m_{121}^{(20)} - m_{011}^{(22)}m_{300}^{(11)}m_{022}^{(00)} - 2m_{011}^{(22)}m_{300}^{(20)}m_{130}^{(21)}\\
&+2m_{011}^{(22)}m_{300}^{(20)}m_{121}^{(11)} + 2m_{011}^{(22)}m_{300}^{(20)}m_{040}^{(20)} - 2m_{011}^{(22)}m_{300}^{(20)}m_{031}^{(10)} + 2m_{011}^{(22)}m_{300}^{(21)}m_{220}^{(21)}\\
&-2m_{011}^{(22)}m_{300}^{(21)}m_{130}^{(20)} - 2m_{011}^{(22)}m_{300}^{(21)}m_{121}^{(10)} + 2m_{011}^{(22)}m_{300}^{(21)}m_{031}^{(00)} - m_{011}^{(22)}m_{300}^{(22)}m_{220}^{(11)}\\
&+2m_{011}^{(22)}m_{300}^{(22)}m_{130}^{(10)} - m_{011}^{(22)}m_{300}^{(22)}m_{040}^{(00)} + 2m_{011}^{(22)}m_{210}^{(00)}m_{130}^{(22)} - 4m_{011}^{(22)}m_{210}^{(00)}m_{121}^{(21)}\\
&+2m_{011}^{(22)}m_{210}^{(00)}m_{112}^{(11)} - 4m_{011}^{(22)}m_{210}^{(10)}m_{220}^{(22)} + 4m_{011}^{(22)}m_{210}^{(10)}m_{211}^{(21)} + 4m_{011}^{(22)}m_{210}^{(10)}m_{121}^{(20)}\\
&-4m_{011}^{(22)}m_{210}^{(10)}m_{112}^{(10)} + 2m_{011}^{(22)}m_{210}^{(11)}m_{310}^{(22)} - 4m_{011}^{(22)}m_{210}^{(11)}m_{211}^{(20)} + 2m_{011}^{(22)}m_{210}^{(11)}m_{112}^{(00)}\\
&+4m_{011}^{(22)}m_{210}^{(20)}m_{220}^{(21)} - 4m_{011}^{(22)}m_{210}^{(20)}m_{211}^{(11)} - 4m_{011}^{(22)}m_{210}^{(20)}m_{130}^{(20)} + 4m_{011}^{(22)}m_{210}^{(20)}m_{121}^{(10)}\\
&-4m_{011}^{(22)}m_{210}^{(21)}m_{310}^{(21)} + 4m_{011}^{(22)}m_{210}^{(21)}m_{220}^{(20)} + 4m_{011}^{(22)}m_{210}^{(21)}m_{211}^{(10)} - 4m_{011}^{(22)}m_{210}^{(21)}m_{121}^{(00)}\\
&+2m_{011}^{(22)}m_{210}^{(22)}m_{310}^{(11)} - 4m_{011}^{(22)}m_{210}^{(22)}m_{220}^{(10)} + 2m_{011}^{(22)}m_{210}^{(22)}m_{130}^{(00)} - m_{011}^{(22)}m_{120}^{(00)}m_{220}^{(22)}\\
&+2m_{011}^{(22)}m_{120}^{(00)}m_{211}^{(21)} - m_{011}^{(22)}m_{120}^{(00)}m_{202}^{(11)} + 2m_{011}^{(22)}m_{120}^{(10)}m_{310}^{(22)} - 2m_{011}^{(22)}m_{120}^{(10)}m_{301}^{(21)}\\
&-2m_{011}^{(22)}m_{120}^{(10)}m_{211}^{(20)} + 2m_{011}^{(22)}m_{120}^{(10)}m_{202}^{(10)} - m_{011}^{(22)}m_{120}^{(11)}m_{400}^{(22)} + 2m_{011}^{(22)}m_{120}^{(11)}m_{301}^{(20)}\\
&-m_{011}^{(22)}m_{120}^{(11)}m_{202}^{(00)} - 2m_{011}^{(22)}m_{120}^{(20)}m_{310}^{(21)} + 2m_{011}^{(22)}m_{120}^{(20)}m_{301}^{(11)} + 2m_{011}^{(22)}m_{120}^{(20)}m_{220}^{(20)}\\
&-2m_{011}^{(22)}m_{120}^{(20)}m_{211}^{(10)} + 2m_{011}^{(22)}m_{120}^{(21)}m_{400}^{(21)} - 2m_{011}^{(22)}m_{120}^{(21)}m_{310}^{(20)} - 2m_{011}^{(22)}m_{120}^{(21)}m_{301}^{(10)}\\
&+2m_{011}^{(22)}m_{120}^{(21)}m_{211}^{(00)} - m_{011}^{(22)}m_{120}^{(22)}m_{400}^{(11)} + 2m_{011}^{(22)}m_{120}^{(22)}m_{310}^{(10)} - m_{011}^{(22)}m_{120}^{(22)}m_{220}^{(00)}\\
&-m_{002}^{(00)}m_{120}^{(00)}m_{031}^{(22)} + 2m_{002}^{(00)}m_{120}^{(00)}m_{022}^{(21)} - m_{002}^{(00)}m_{120}^{(00)}m_{013}^{(11)} + 2m_{002}^{(00)}m_{120}^{(10)}m_{121}^{(22)}\\
&-2m_{002}^{(00)}m_{120}^{(10)}m_{112}^{(21)} - 2m_{002}^{(00)}m_{120}^{(10)}m_{022}^{(20)} + 2m_{002}^{(00)}m_{120}^{(10)}m_{013}^{(10)} - m_{002}^{(00)}m_{120}^{(11)}m_{211}^{(22)}\\
&+2m_{002}^{(00)}m_{120}^{(11)}m_{112}^{(20)} - m_{002}^{(00)}m_{120}^{(11)}m_{013}^{(00)} - 2m_{002}^{(00)}m_{120}^{(20)}m_{121}^{(21)} + 2m_{002}^{(00)}m_{120}^{(20)}m_{112}^{(11)}\\
&+2m_{002}^{(00)}m_{120}^{(20)}m_{031}^{(20)} - 2m_{002}^{(00)}m_{120}^{(20)}m_{022}^{(10)} + 2m_{002}^{(00)}m_{120}^{(21)}m_{211}^{(21)} - 2m_{002}^{(00)}m_{120}^{(21)}m_{121}^{(20)}\\
&-2m_{002}^{(00)}m_{120}^{(21)}m_{112}^{(10)} + 2m_{002}^{(00)}m_{120}^{(21)}m_{022}^{(00)} - m_{002}^{(00)}m_{120}^{(22)}m_{211}^{(11)} + 2m_{002}^{(00)}m_{120}^{(22)}m_{121}^{(10)}
\end{aligned}
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\begin{aligned}
&-m_{002}^{(00)} m_{120}^{(22)} m_{031}^{(00)} + m_{002}^{(00)} m_{111}^{(00)} m_{040}^{(22)} - 2m_{002}^{(00)} m_{111}^{(00)} m_{031}^{(21)} + m_{002}^{(00)} m_{111}^{(00)} m_{022}^{(11)} \\
&-2m_{002}^{(00)} m_{111}^{(10)} m_{130}^{(22)} + 2m_{002}^{(00)} m_{111}^{(10)} m_{121}^{(21)} + 2m_{002}^{(00)} m_{111}^{(10)} m_{031}^{(20)} - 2m_{002}^{(00)} m_{111}^{(10)} m_{022}^{(10)} \\
&+m_{002}^{(00)} m_{111}^{(11)} m_{220}^{(22)} - 2m_{002}^{(00)} m_{111}^{(11)} m_{121}^{(20)} + m_{002}^{(00)} m_{111}^{(11)} m_{022}^{(00)} + 2m_{002}^{(00)} m_{111}^{(20)} m_{130}^{(21)} \\
&-2m_{002}^{(00)} m_{111}^{(20)} m_{121}^{(11)} - 2m_{002}^{(00)} m_{111}^{(20)} m_{040}^{(20)} + 2m_{002}^{(00)} m_{111}^{(20)} m_{031}^{(10)} - 2m_{002}^{(00)} m_{111}^{(21)} m_{220}^{(21)} \\
&+2m_{002}^{(00)} m_{111}^{(21)} m_{130}^{(20)} + 2m_{002}^{(00)} m_{111}^{(21)} m_{121}^{(10)} - 2m_{002}^{(00)} m_{111}^{(21)} m_{031}^{(00)} + m_{002}^{(00)} m_{111}^{(22)} m_{220}^{(11)} \\
&-2m_{002}^{(00)} m_{111}^{(22)} m_{130}^{(10)} + m_{002}^{(00)} m_{111}^{(22)} m_{040}^{(00)} + m_{002}^{(00)} m_{030}^{(00)} m_{121}^{(22)} - 2m_{002}^{(00)} m_{030}^{(00)} m_{112}^{(21)} \\
&+m_{002}^{(00)} m_{030}^{(00)} m_{103}^{(11)} - 2m_{002}^{(00)} m_{030}^{(10)} m_{211}^{(22)} + 2m_{002}^{(00)} m_{030}^{(10)} m_{202}^{(21)} + 2m_{002}^{(00)} m_{030}^{(10)} m_{112}^{(20)} \\
&-2m_{002}^{(00)} m_{030}^{(10)} m_{103}^{(10)} + m_{002}^{(00)} m_{030}^{(11)} m_{301}^{(22)} - 2m_{002}^{(00)} m_{030}^{(11)} m_{202}^{(20)} + m_{002}^{(00)} m_{030}^{(11)} m_{103}^{(00)} \\
&+2m_{002}^{(00)} m_{030}^{(20)} m_{211}^{(21)} - 2m_{002}^{(00)} m_{030}^{(20)} m_{202}^{(11)} - 2m_{002}^{(00)} m_{030}^{(20)} m_{121}^{(20)} + 2m_{002}^{(00)} m_{030}^{(20)} m_{112}^{(10)} \\
&-2m_{002}^{(00)} m_{030}^{(21)} m_{301}^{(21)} + 2m_{002}^{(00)} m_{030}^{(21)} m_{211}^{(20)} + 2m_{002}^{(00)} m_{030}^{(21)} m_{202}^{(10)} - 2m_{002}^{(00)} m_{030}^{(21)} m_{112}^{(00)} \\
&+m_{002}^{(00)} m_{030}^{(22)} m_{301}^{(11)} - 2m_{002}^{(00)} m_{030}^{(22)} m_{211}^{(10)} + m_{002}^{(00)} m_{030}^{(22)} m_{121}^{(00)} - m_{002}^{(00)} m_{021}^{(00)} m_{130}^{(22)} \\
&+2m_{002}^{(00)} m_{021}^{(00)} m_{121}^{(21)} - m_{002}^{(00)} m_{021}^{(00)} m_{112}^{(11)} + 2m_{002}^{(00)} m_{021}^{(10)} m_{220}^{(22)} - 2m_{002}^{(00)} m_{021}^{(10)} m_{211}^{(21)} \\
&-2m_{002}^{(00)} m_{021}^{(10)} m_{121}^{(20)} + 2m_{002}^{(00)} m_{021}^{(10)} m_{112}^{(10)} - m_{002}^{(00)} m_{021}^{(11)} m_{310}^{(22)} + 2m_{002}^{(00)} m_{021}^{(11)} m_{211}^{(20)} \\
&-m_{002}^{(00)} m_{021}^{(11)} m_{112}^{(00)} - 2m_{002}^{(00)} m_{021}^{(20)} m_{220}^{(21)} + 2m_{002}^{(00)} m_{021}^{(20)} m_{211}^{(11)} + 2m_{002}^{(00)} m_{021}^{(20)} m_{130}^{(20)} \\
&-2m_{002}^{(00)} m_{021}^{(20)} m_{121}^{(10)} + 2m_{002}^{(00)} m_{021}^{(21)} m_{310}^{(21)} - 2m_{002}^{(00)} m_{021}^{(21)} m_{220}^{(20)} - 2m_{002}^{(00)} m_{021}^{(21)} m_{211}^{(10)} \\
&+2m_{002}^{(00)} m_{021}^{(21)} m_{121}^{(00)} - m_{002}^{(00)} m_{021}^{(22)} m_{310}^{(11)} + 2m_{002}^{(00)} m_{021}^{(22)} m_{220}^{(10)} - m_{002}^{(00)} m_{021}^{(22)} m_{130}^{(00)} \\
&+2m_{002}^{(10)} m_{210}^{(00)} m_{031}^{(22)} - 4m_{002}^{(10)} m_{210}^{(00)} m_{022}^{(21)} + 2m_{002}^{(10)} m_{210}^{(00)} m_{013}^{(11)} - 4m_{002}^{(10)} m_{210}^{(10)} m_{121}^{(22)} \\
&+4m_{002}^{(10)} m_{210}^{(10)} m_{112}^{(21)} + 4m_{002}^{(10)} m_{210}^{(10)} m_{022}^{(20)} - 4m_{002}^{(10)} m_{210}^{(10)} m_{013}^{(10)} + 2m_{002}^{(10)} m_{210}^{(11)} m_{211}^{(22)} \\
&-4m_{002}^{(10)} m_{210}^{(11)} m_{112}^{(20)} + 2m_{002}^{(10)} m_{210}^{(11)} m_{013}^{(00)} + 4m_{002}^{(10)} m_{210}^{(20)} m_{121}^{(21)} - 4m_{002}^{(10)} m_{210}^{(20)} m_{112}^{(11)} \\
&-4m_{002}^{(10)} m_{210}^{(20)} m_{031}^{(20)} + 4m_{002}^{(10)} m_{210}^{(20)} m_{022}^{(10)} - 4m_{002}^{(10)} m_{210}^{(21)} m_{211}^{(21)} + 4m_{002}^{(10)} m_{210}^{(21)} m_{121}^{(20)} \\
&+4m_{002}^{(10)} m_{210}^{(21)} m_{112}^{(10)} - 4m_{002}^{(10)} m_{210}^{(21)} m_{022}^{(00)} + 2m_{002}^{(10)} m_{210}^{(22)} m_{211}^{(11)} - 4m_{002}^{(10)} m_{210}^{(22)} m_{121}^{(10)} \\
&+2m_{002}^{(10)} m_{210}^{(22)} m_{031}^{(00)} - m_{002}^{(10)} m_{201}^{(00)} m_{040}^{(22)} + 2m_{002}^{(10)} m_{201}^{(00)} m_{031}^{(21)} - m_{002}^{(10)} m_{201}^{(00)} m_{022}^{(11)} \\
&+2m_{002}^{(10)} m_{201}^{(10)} m_{130}^{(22)} - 2m_{002}^{(10)} m_{201}^{(10)} m_{121}^{(21)} - 2m_{002}^{(10)} m_{201}^{(10)} m_{031}^{(20)} + 2m_{002}^{(10)} m_{201}^{(10)} m_{022}^{(10)} \\
&-m_{002}^{(10)} m_{201}^{(11)} m_{220}^{(22)} + 2m_{002}^{(10)} m_{201}^{(11)} m_{121}^{(20)} - m_{002}^{(10)} m_{201}^{(11)} m_{022}^{(00)} - 2m_{002}^{(10)} m_{201}^{(20)} m_{130}^{(21)} \\
&+2m_{002}^{(10)} m_{201}^{(20)} m_{121}^{(11)} + 2m_{002}^{(10)} m_{201}^{(20)} m_{040}^{(20)} - 2m_{002}^{(10)} m_{201}^{(20)} m_{031}^{(10)} + 2m_{002}^{(10)} m_{201}^{(21)} m_{220}^{(21)} \\
&-2m_{002}^{(10)} m_{201}^{(21)} m_{130}^{(20)} - 2m_{002}^{(10)} m_{201}^{(21)} m_{121}^{(10)} + 2m_{002}^{(10)} m_{201}^{(21)} m_{031}^{(00)} - m_{002}^{(10)} m_{201}^{(22)} m_{220}^{(11)} \\
&+2m_{002}^{(10)} m_{201}^{(22)} m_{130}^{(10)} - m_{002}^{(10)} m_{201}^{(22)} m_{040}^{(00)} - 2m_{002}^{(10)} m_{120}^{(00)} m_{121}^{(22)} + 4m_{002}^{(10)} m_{120}^{(00)} m_{112}^{(21)} \\
&-2m_{002}^{(10)} m_{120}^{(00)} m_{103}^{(11)} + 4m_{002}^{(10)} m_{120}^{(10)} m_{211}^{(22)} - 4m_{002}^{(10)} m_{120}^{(10)} m_{202}^{(21)} - 4m_{002}^{(10)} m_{120}^{(10)} m_{112}^{(20)} \\
&+4m_{002}^{(10)} m_{120}^{(10)} m_{103}^{(10)} - 2m_{002}^{(10)} m_{120}^{(11)} m_{301}^{(22)} + 4m_{002}^{(10)} m_{120}^{(11)} m_{202}^{(20)} - 2m_{002}^{(10)} m_{120}^{(11)} m_{103}^{(00)} \\
&-4m_{002}^{(10)} m_{120}^{(20)} m_{211}^{(21)} + 4m_{002}^{(10)} m_{120}^{(20)} m_{202}^{(11)} + 4m_{002}^{(10)} m_{120}^{(20)} m_{121}^{(20)} - 4m_{002}^{(10)} m_{120}^{(20)} m_{112}^{(10)} \\
&+4m_{002}^{(10)} m_{120}^{(21)} m_{301}^{(21)} - 4m_{002}^{(10)} m_{120}^{(21)} m_{211}^{(20)} - 4m_{002}^{(10)} m_{120}^{(21)} m_{202}^{(10)} + 4m_{002}^{(10)} m_{120}^{(21)} m_{112}^{(00)} \\
&-2m_{002}^{(10)} m_{120}^{(22)} m_{301}^{(11)} + 4m_{002}^{(10)} m_{120}^{(22)} m_{211}^{(10)} - 2m_{002}^{(10)} m_{120}^{(22)} m_{121}^{(00)} + m_{002}^{(10)} m_{021}^{(00)} m_{220}^{(22)} \\
&-2m_{002}^{(10)} m_{021}^{(00)} m_{211}^{(21)} + m_{002}^{(10)} m_{021}^{(00)} m_{202}^{(11)} - 2m_{002}^{(10)} m_{021}^{(10)} m_{310}^{(22)} + 2m_{002}^{(10)} m_{021}^{(10)} m_{301}^{(21)} \\
&+2m_{002}^{(10)} m_{021}^{(10)} m_{211}^{(20)} - 2m_{002}^{(10)} m_{021}^{(10)} m_{202}^{(10)} + m_{002}^{(10)} m_{021}^{(11)} m_{400}^{(22)} - 2m_{002}^{(10)} m_{021}^{(11)} m_{301}^{(20)} \\
&+m_{002}^{(10)} m_{021}^{(11)} m_{202}^{(00)} + 2m_{002}^{(10)} m_{021}^{(20)} m_{310}^{(21)} - 2m_{002}^{(10)} m_{021}^{(20)} m_{301}^{(11)} - 2m_{002}^{(10)} m_{021}^{(20)} m_{220}^{(20)} \\
&+2m_{002}^{(10)} m_{021}^{(20)} m_{211}^{(10)} - 2m_{002}^{(10)} m_{021}^{(21)} m_{400}^{(21)} + 2m_{002}^{(10)} m_{021}^{(21)} m_{310}^{(20)} + 2m_{002}^{(10)} m_{021}^{(21)} m_{301}^{(10)} \\
&-2m_{002}^{(10)} m_{021}^{(21)} m_{211}^{(00)} + m_{002}^{(10)} m_{021}^{(22)} m_{400}^{(11)} - 2m_{002}^{(10)} m_{021}^{(22)} m_{310}^{(10)} + m_{002}^{(10)} m_{021}^{(22)} m_{220}^{(00)} \\
&-m_{002}^{(11)} m_{300}^{(00)} m_{031}^{(22)} + 2m_{002}^{(11)} m_{300}^{(00)} m_{022}^{(21)} - m_{002}^{(11)} m_{300}^{(00)} m_{013}^{(11)} + 2m_{002}^{(11)} m_{300}^{(10)} m_{121}^{(22)}
\end{aligned}
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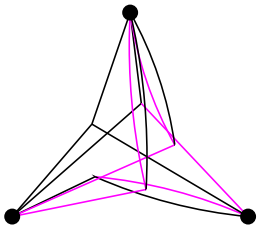
\begin{aligned}
&-2m_{002}^{(11)}m_{300}^{(10)}m_{112}^{(21)} - 2m_{002}^{(11)}m_{300}^{(10)}m_{022}^{(20)} + 2m_{002}^{(11)}m_{300}^{(10)}m_{013}^{(10)} - m_{002}^{(11)}m_{300}^{(11)}m_{211}^{(22)}\\
&+2m_{002}^{(11)}m_{300}^{(11)}m_{112}^{(20)} - m_{002}^{(11)}m_{300}^{(11)}m_{013}^{(00)} - 2m_{002}^{(11)}m_{300}^{(20)}m_{121}^{(21)} + 2m_{002}^{(11)}m_{300}^{(20)}m_{112}^{(11)}\\
&+2m_{002}^{(11)}m_{300}^{(20)}m_{031}^{(20)} - 2m_{002}^{(11)}m_{300}^{(20)}m_{022}^{(10)} + 2m_{002}^{(11)}m_{300}^{(21)}m_{211}^{(21)} - 2m_{002}^{(11)}m_{300}^{(21)}m_{121}^{(20)}\\
&-2m_{002}^{(11)}m_{300}^{(21)}m_{112}^{(10)} + 2m_{002}^{(11)}m_{300}^{(21)}m_{022}^{(00)} - m_{002}^{(11)}m_{300}^{(22)}m_{211}^{(11)} + 2m_{002}^{(11)}m_{300}^{(22)}m_{121}^{(10)}\\
&-m_{002}^{(11)}m_{300}^{(22)}m_{031}^{(00)} + m_{002}^{(11)}m_{210}^{(00)}m_{121}^{(22)} - 2m_{002}^{(11)}m_{210}^{(00)}m_{112}^{(21)} + m_{002}^{(11)}m_{210}^{(00)}m_{103}^{(11)}\\
&-2m_{002}^{(11)}m_{210}^{(10)}m_{211}^{(22)} + 2m_{002}^{(11)}m_{210}^{(10)}m_{202}^{(21)} + 2m_{002}^{(11)}m_{210}^{(10)}m_{112}^{(20)} - 2m_{002}^{(11)}m_{210}^{(10)}m_{103}^{(10)}\\
&+m_{002}^{(11)}m_{210}^{(11)}m_{301}^{(22)} - 2m_{002}^{(11)}m_{210}^{(11)}m_{202}^{(20)} + m_{002}^{(11)}m_{210}^{(11)}m_{103}^{(00)} + 2m_{002}^{(11)}m_{210}^{(20)}m_{211}^{(21)}\\
&-2m_{002}^{(11)}m_{210}^{(20)}m_{202}^{(11)} - 2m_{002}^{(11)}m_{210}^{(20)}m_{121}^{(20)} + 2m_{002}^{(11)}m_{210}^{(20)}m_{112}^{(10)} - 2m_{002}^{(11)}m_{210}^{(21)}m_{301}^{(21)}\\
&+2m_{002}^{(11)}m_{210}^{(21)}m_{211}^{(20)} + 2m_{002}^{(11)}m_{210}^{(21)}m_{202}^{(10)} - 2m_{002}^{(11)}m_{210}^{(21)}m_{112}^{(00)} + m_{002}^{(11)}m_{210}^{(22)}m_{301}^{(11)}\\
&-2m_{002}^{(11)}m_{210}^{(22)}m_{211}^{(10)} + m_{002}^{(11)}m_{210}^{(22)}m_{121}^{(00)} + m_{002}^{(11)}m_{201}^{(00)}m_{130}^{(22)} - 2m_{002}^{(11)}m_{201}^{(00)}m_{121}^{(21)}\\
&+m_{002}^{(11)}m_{201}^{(00)}m_{112}^{(11)} - 2m_{002}^{(11)}m_{201}^{(10)}m_{220}^{(22)} + 2m_{002}^{(11)}m_{201}^{(10)}m_{211}^{(21)} + 2m_{002}^{(11)}m_{201}^{(10)}m_{121}^{(20)}\\
&-2m_{002}^{(11)}m_{201}^{(10)}m_{112}^{(10)} + m_{002}^{(11)}m_{201}^{(11)}m_{310}^{(22)} - 2m_{002}^{(11)}m_{201}^{(11)}m_{211}^{(20)} + m_{002}^{(11)}m_{201}^{(11)}m_{112}^{(00)}\\
&+2m_{002}^{(11)}m_{201}^{(20)}m_{220}^{(21)} - 2m_{002}^{(11)}m_{201}^{(20)}m_{211}^{(11)} - 2m_{002}^{(11)}m_{201}^{(20)}m_{130}^{(20)} + 2m_{002}^{(11)}m_{201}^{(20)}m_{121}^{(10)}\\
&-2m_{002}^{(11)}m_{201}^{(21)}m_{310}^{(21)} + 2m_{002}^{(11)}m_{201}^{(21)}m_{220}^{(20)} + 2m_{002}^{(11)}m_{201}^{(21)}m_{211}^{(10)} - 2m_{002}^{(11)}m_{201}^{(21)}m_{121}^{(00)}\\
&+m_{002}^{(11)}m_{201}^{(22)}m_{310}^{(11)} - 2m_{002}^{(11)}m_{201}^{(22)}m_{220}^{(10)} + m_{002}^{(11)}m_{201}^{(22)}m_{130}^{(00)} - m_{002}^{(11)}m_{111}^{(00)}m_{220}^{(22)}\\
&+2m_{002}^{(11)}m_{111}^{(00)}m_{211}^{(21)} - m_{002}^{(11)}m_{111}^{(00)}m_{202}^{(11)} + 2m_{002}^{(11)}m_{111}^{(10)}m_{310}^{(22)} - 2m_{002}^{(11)}m_{111}^{(10)}m_{301}^{(21)}\\
&-2m_{002}^{(11)}m_{111}^{(10)}m_{211}^{(20)} + 2m_{002}^{(11)}m_{111}^{(10)}m_{202}^{(10)} - m_{002}^{(11)}m_{111}^{(11)}m_{400}^{(22)} + 2m_{002}^{(11)}m_{111}^{(11)}m_{301}^{(20)}\\
&-m_{002}^{(11)}m_{111}^{(11)}m_{202}^{(00)} - 2m_{002}^{(11)}m_{111}^{(20)}m_{310}^{(21)} + 2m_{002}^{(11)}m_{111}^{(20)}m_{301}^{(11)} + 2m_{002}^{(11)}m_{111}^{(20)}m_{220}^{(20)}\\
&-2m_{002}^{(11)}m_{111}^{(20)}m_{211}^{(10)} + 2m_{002}^{(11)}m_{111}^{(21)}m_{400}^{(21)} - 2m_{002}^{(11)}m_{111}^{(21)}m_{310}^{(20)} - 2m_{002}^{(11)}m_{111}^{(21)}m_{301}^{(10)}\\
&+2m_{002}^{(11)}m_{111}^{(21)}m_{211}^{(00)} - m_{002}^{(11)}m_{111}^{(22)}m_{400}^{(11)} + 2m_{002}^{(11)}m_{111}^{(22)}m_{310}^{(10)} - m_{002}^{(11)}m_{111}^{(22)}m_{220}^{(00)}\\
&-m_{002}^{(20)}m_{210}^{(00)}m_{040}^{(22)} + 2m_{002}^{(20)}m_{210}^{(00)}m_{031}^{(21)} - m_{002}^{(20)}m_{210}^{(00)}m_{022}^{(11)} + 2m_{002}^{(20)}m_{210}^{(10)}m_{130}^{(22)}\\
&-2m_{002}^{(20)}m_{210}^{(10)}m_{121}^{(21)} - 2m_{002}^{(20)}m_{210}^{(10)}m_{031}^{(20)} + 2m_{002}^{(20)}m_{210}^{(10)}m_{022}^{(10)} - m_{002}^{(20)}m_{210}^{(11)}m_{220}^{(22)}\\
&+2m_{002}^{(20)}m_{210}^{(11)}m_{121}^{(20)} - m_{002}^{(20)}m_{210}^{(11)}m_{022}^{(00)} - 2m_{002}^{(20)}m_{210}^{(20)}m_{130}^{(21)} + 2m_{002}^{(20)}m_{210}^{(20)}m_{121}^{(11)}\\
&+2m_{002}^{(20)}m_{210}^{(20)}m_{040}^{(20)} - 2m_{002}^{(20)}m_{210}^{(20)}m_{031}^{(10)} + 2m_{002}^{(20)}m_{210}^{(21)}m_{220}^{(21)} - 2m_{002}^{(20)}m_{210}^{(21)}m_{130}^{(20)}\\
&-2m_{002}^{(20)}m_{210}^{(21)}m_{121}^{(10)} + 2m_{002}^{(20)}m_{210}^{(21)}m_{031}^{(00)} - m_{002}^{(20)}m_{210}^{(22)}m_{220}^{(11)} + 2m_{002}^{(20)}m_{210}^{(22)}m_{130}^{(10)}\\
&-m_{002}^{(20)}m_{210}^{(22)}m_{040}^{(00)} + 2m_{002}^{(20)}m_{120}^{(00)}m_{130}^{(22)} - 4m_{002}^{(20)}m_{120}^{(00)}m_{121}^{(21)} + 2m_{002}^{(20)}m_{120}^{(00)}m_{112}^{(11)}\\
&-4m_{002}^{(20)}m_{120}^{(10)}m_{220}^{(22)} + 4m_{002}^{(20)}m_{120}^{(10)}m_{211}^{(21)} + 4m_{002}^{(20)}m_{120}^{(10)}m_{121}^{(20)} - 4m_{002}^{(20)}m_{120}^{(10)}m_{112}^{(10)}\\
&+2m_{002}^{(20)}m_{120}^{(11)}m_{310}^{(22)} - 4m_{002}^{(20)}m_{120}^{(11)}m_{211}^{(20)} + 2m_{002}^{(20)}m_{120}^{(11)}m_{112}^{(00)} + 4m_{002}^{(20)}m_{120}^{(20)}m_{220}^{(21)}\\
&-4m_{002}^{(20)}m_{120}^{(20)}m_{211}^{(11)} - 4m_{002}^{(20)}m_{120}^{(20)}m_{130}^{(20)} + 4m_{002}^{(20)}m_{120}^{(20)}m_{121}^{(10)} - 4m_{002}^{(20)}m_{120}^{(21)}m_{310}^{(21)}\\
&+4m_{002}^{(20)}m_{120}^{(21)}m_{220}^{(20)} + 4m_{002}^{(20)}m_{120}^{(21)}m_{211}^{(10)} - 4m_{002}^{(20)}m_{120}^{(21)}m_{121}^{(00)} + 2m_{002}^{(20)}m_{120}^{(22)}m_{310}^{(11)}\\
&-4m_{002}^{(20)}m_{120}^{(22)}m_{220}^{(10)} + 2m_{002}^{(20)}m_{120}^{(22)}m_{130}^{(00)} - m_{002}^{(20)}m_{030}^{(00)}m_{220}^{(22)} + 2m_{002}^{(20)}m_{030}^{(00)}m_{211}^{(21)}\\
&-m_{002}^{(20)}m_{030}^{(00)}m_{202}^{(11)} + 2m_{002}^{(20)}m_{030}^{(10)}m_{310}^{(22)} - 2m_{002}^{(20)}m_{030}^{(10)}m_{301}^{(21)} - 2m_{002}^{(20)}m_{030}^{(10)}m_{211}^{(20)}\\
&+2m_{002}^{(20)}m_{030}^{(10)}m_{202}^{(10)} - m_{002}^{(20)}m_{030}^{(11)}m_{400}^{(22)} + 2m_{002}^{(20)}m_{030}^{(11)}m_{301}^{(20)} - m_{002}^{(20)}m_{030}^{(11)}m_{202}^{(00)}\\
&-2m_{002}^{(20)}m_{030}^{(20)}m_{310}^{(21)} + 2m_{002}^{(20)}m_{030}^{(20)}m_{301}^{(11)} + 2m_{002}^{(20)}m_{030}^{(20)}m_{220}^{(20)} - 2m_{002}^{(20)}m_{030}^{(20)}m_{211}^{(10)}\\
&+2m_{002}^{(20)}m_{030}^{(21)}m_{400}^{(21)} - 2m_{002}^{(20)}m_{030}^{(21)}m_{310}^{(20)} - 2m_{002}^{(20)}m_{030}^{(21)}m_{301}^{(10)} + 2m_{002}^{(20)}m_{030}^{(21)}m_{211}^{(00)}\\
&-m_{002}^{(20)}m_{030}^{(22)}m_{400}^{(11)} + 2m_{002}^{(20)}m_{030}^{(22)}m_{310}^{(10)} - m_{002}^{(20)}m_{030}^{(22)}m_{220}^{(00)} + m_{002}^{(21)}m_{300}^{(00)}m_{040}^{(22)}\\
&-2m_{002}^{(21)}m_{300}^{(00)}m_{031}^{(21)} + m_{002}^{(21)}m_{300}^{(00)}m_{022}^{(11)} - 2m_{002}^{(21)}m_{300}^{(10)}m_{130}^{(22)} + 2m_{002}^{(21)}m_{300}^{(10)}m_{121}^{(21)}\\
&+2m_{002}^{(21)}m_{300}^{(10)}m_{031}^{(20)} - 2m_{002}^{(21)}m_{300}^{(10)}m_{022}^{(10)} + m_{002}^{(21)}m_{300}^{(11)}m_{220}^{(22)} - 2m_{002}^{(21)}m_{300}^{(11)}m_{121}^{(20)}
\end{aligned}
$$

$$
\begin{aligned}
&+m_{002}^{(21)}m_{300}^{(11)}m_{022}^{(00)} + 2m_{002}^{(21)}m_{300}^{(20)}m_{130}^{(21)} - 2m_{002}^{(21)}m_{300}^{(20)}m_{121}^{(11)} - 2m_{002}^{(21)}m_{300}^{(20)}m_{040}^{(20)}\\
&+2m_{002}^{(21)}m_{300}^{(20)}m_{031}^{(10)} - 2m_{002}^{(21)}m_{300}^{(21)}m_{220}^{(21)} + 2m_{002}^{(21)}m_{300}^{(21)}m_{130}^{(20)} + 2m_{002}^{(21)}m_{300}^{(21)}m_{121}^{(10)}\\
&-2m_{002}^{(21)}m_{300}^{(21)}m_{031}^{(00)} + m_{002}^{(21)}m_{300}^{(22)}m_{220}^{(11)} - 2m_{002}^{(21)}m_{300}^{(22)}m_{130}^{(10)} + m_{002}^{(21)}m_{300}^{(22)}m_{040}^{(00)}\\
&-2m_{002}^{(21)}m_{210}^{(00)}m_{130}^{(22)} + 4m_{002}^{(21)}m_{210}^{(00)}m_{121}^{(21)} - 2m_{002}^{(21)}m_{210}^{(00)}m_{112}^{(11)} + 4m_{002}^{(21)}m_{210}^{(10)}m_{220}^{(22)}\\
&-4m_{002}^{(21)}m_{210}^{(10)}m_{211}^{(21)} - 4m_{002}^{(21)}m_{210}^{(10)}m_{121}^{(20)} + 4m_{002}^{(21)}m_{210}^{(10)}m_{112}^{(10)} - 2m_{002}^{(21)}m_{210}^{(11)}m_{310}^{(22)}\\
&+4m_{002}^{(21)}m_{210}^{(11)}m_{211}^{(20)} - 2m_{002}^{(21)}m_{210}^{(11)}m_{112}^{(00)} - 4m_{002}^{(21)}m_{210}^{(20)}m_{220}^{(21)} + 4m_{002}^{(21)}m_{210}^{(20)}m_{211}^{(11)}\\
&+4m_{002}^{(21)}m_{210}^{(20)}m_{130}^{(20)} - 4m_{002}^{(21)}m_{210}^{(20)}m_{121}^{(10)} + 4m_{002}^{(21)}m_{210}^{(21)}m_{310}^{(21)} - 4m_{002}^{(21)}m_{210}^{(21)}m_{220}^{(20)}\\
&-4m_{002}^{(21)}m_{210}^{(21)}m_{211}^{(10)} + 4m_{002}^{(21)}m_{210}^{(21)}m_{121}^{(00)} - 2m_{002}^{(21)}m_{210}^{(22)}m_{310}^{(11)} + 4m_{002}^{(21)}m_{210}^{(22)}m_{220}^{(10)}\\
&-2m_{002}^{(21)}m_{210}^{(22)}m_{130}^{(00)} + m_{002}^{(21)}m_{120}^{(00)}m_{220}^{(22)} - 2m_{002}^{(21)}m_{120}^{(00)}m_{211}^{(21)} + m_{002}^{(21)}m_{120}^{(00)}m_{202}^{(11)}\\
&-2m_{002}^{(21)}m_{120}^{(10)}m_{310}^{(22)} + 2m_{002}^{(21)}m_{120}^{(10)}m_{301}^{(21)} + 2m_{002}^{(21)}m_{120}^{(10)}m_{211}^{(20)} - 2m_{002}^{(21)}m_{120}^{(10)}m_{202}^{(10)}\\
&+m_{002}^{(21)}m_{120}^{(11)}m_{400}^{(22)} - 2m_{002}^{(21)}m_{120}^{(11)}m_{301}^{(20)} + m_{002}^{(21)}m_{120}^{(11)}m_{202}^{(00)} + 2m_{002}^{(21)}m_{120}^{(20)}m_{310}^{(21)}\\
&-2m_{002}^{(21)}m_{120}^{(20)}m_{301}^{(11)} - 2m_{002}^{(21)}m_{120}^{(20)}m_{220}^{(20)} + 2m_{002}^{(21)}m_{120}^{(20)}m_{211}^{(10)} - 2m_{002}^{(21)}m_{120}^{(21)}m_{400}^{(21)}\\
&+2m_{002}^{(21)}m_{120}^{(21)}m_{310}^{(20)} + 2m_{002}^{(21)}m_{120}^{(21)}m_{301}^{(10)} - 2m_{002}^{(21)}m_{120}^{(21)}m_{211}^{(00)} + m_{002}^{(21)}m_{120}^{(22)}m_{400}^{(11)}\\
&-2m_{002}^{(21)}m_{120}^{(22)}m_{310}^{(10)} + m_{002}^{(21)}m_{120}^{(22)}m_{220}^{(00)}
\end{aligned}
$$

Generating graph:

$V1$	$V1$	1	1	1
$V2$	$V2$	2	2	$V3$
2	2	$V3$	3	3



$$
\begin{aligned}
T_{148} \;=\;& -m_{200}^{(11)}m_{300}^{(11)}m_{013}^{(22)} + m_{200}^{(11)}m_{300}^{(11)}m_{004}^{(21)} + m_{200}^{(11)}m_{300}^{(21)}m_{022}^{(22)} - m_{200}^{(11)}m_{300}^{(21)}m_{004}^{(11)}\\
&-m_{200}^{(11)}m_{300}^{(22)}m_{022}^{(21)} + m_{200}^{(11)}m_{300}^{(22)}m_{013}^{(11)} + 2m_{200}^{(11)}m_{210}^{(10)}m_{013}^{(22)} - 2m_{200}^{(11)}m_{210}^{(10)}m_{004}^{(21)}\\
&+m_{200}^{(11)}m_{210}^{(11)}m_{103}^{(22)} - m_{200}^{(11)}m_{210}^{(11)}m_{004}^{(20)} - m_{200}^{(11)}m_{210}^{(20)}m_{022}^{(22)} + m_{200}^{(11)}m_{210}^{(20)}m_{004}^{(11)}\\
&-2m_{200}^{(11)}m_{210}^{(21)}m_{112}^{(22)} + 2m_{200}^{(11)}m_{210}^{(21)}m_{004}^{(10)} + 2m_{200}^{(11)}m_{210}^{(22)}m_{112}^{(21)} - m_{200}^{(11)}m_{210}^{(22)}m_{103}^{(11)}\\
&+m_{200}^{(11)}m_{210}^{(22)}m_{022}^{(20)} - 2m_{200}^{(11)}m_{210}^{(22)}m_{013}^{(10)} - m_{200}^{(11)}m_{201}^{(10)}m_{022}^{(22)} + m_{200}^{(11)}m_{201}^{(10)}m_{004}^{(11)}\\
&+m_{200}^{(11)}m_{201}^{(11)}m_{112}^{(22)} - 2m_{200}^{(11)}m_{201}^{(11)}m_{103}^{(21)} + 2m_{200}^{(11)}m_{201}^{(11)}m_{013}^{(20)} - m_{200}^{(11)}m_{201}^{(11)}m_{004}^{(10)}\\
&+2m_{200}^{(11)}m_{201}^{(20)}m_{022}^{(21)} - 2m_{200}^{(11)}m_{201}^{(20)}m_{013}^{(11)} + 2m_{200}^{(11)}m_{201}^{(21)}m_{103}^{(11)} - 2m_{200}^{(11)}m_{201}^{(21)}m_{022}^{(20)}\\
&-m_{200}^{(11)}m_{201}^{(22)}m_{112}^{(11)} + m_{200}^{(11)}m_{201}^{(22)}m_{022}^{(10)} - m_{200}^{(11)}m_{120}^{(00)}m_{013}^{(22)} + m_{200}^{(11)}m_{120}^{(00)}m_{004}^{(21)}\\
&-2m_{200}^{(11)}m_{120}^{(10)}m_{103}^{(22)} + 2m_{200}^{(11)}m_{120}^{(10)}m_{004}^{(20)} + 2m_{200}^{(11)}m_{120}^{(20)}m_{112}^{(22)} - 2m_{200}^{(11)}m_{120}^{(20)}m_{004}^{(10)}
\end{aligned}
$$

$$
\begin{aligned}
&+m_{200}^{(11)}m_{120}^{(21)}m_{202}^{(22)} - m_{200}^{(11)}m_{120}^{(21)}m_{004}^{(00)} - m_{200}^{(11)}m_{120}^{(22)}m_{202}^{(21)} - 2m_{200}^{(11)}m_{120}^{(22)}m_{112}^{(20)}\\
&+2m_{200}^{(11)}m_{120}^{(22)}m_{103}^{(10)} + m_{200}^{(11)}m_{120}^{(22)}m_{013}^{(00)} + m_{200}^{(11)}m_{111}^{(00)}m_{022}^{(22)} - m_{200}^{(11)}m_{111}^{(00)}m_{004}^{(11)}\\
&+4m_{200}^{(11)}m_{111}^{(10)}m_{103}^{(21)} - 4m_{200}^{(11)}m_{111}^{(10)}m_{013}^{(20)} - m_{200}^{(11)}m_{111}^{(11)}m_{202}^{(22)} + m_{200}^{(11)}m_{111}^{(11)}m_{004}^{(00)}\\
&-4m_{200}^{(11)}m_{111}^{(20)}m_{112}^{(21)} + 4m_{200}^{(11)}m_{111}^{(20)}m_{013}^{(10)} + 4m_{200}^{(11)}m_{111}^{(21)}m_{112}^{(20)} - 4m_{200}^{(11)}m_{111}^{(21)}m_{103}^{(10)}\\
&+m_{200}^{(11)}m_{111}^{(22)}m_{202}^{(11)} - m_{200}^{(11)}m_{111}^{(22)}m_{022}^{(00)} - m_{200}^{(11)}m_{102}^{(00)}m_{022}^{(21)} + m_{200}^{(11)}m_{102}^{(00)}m_{013}^{(11)}\\
&-2m_{200}^{(11)}m_{102}^{(10)}m_{103}^{(11)} + 2m_{200}^{(11)}m_{102}^{(10)}m_{022}^{(20)} + m_{200}^{(11)}m_{102}^{(11)}m_{202}^{(21)} - 2m_{200}^{(11)}m_{102}^{(11)}m_{112}^{(20)}\\
&+2m_{200}^{(11)}m_{102}^{(11)}m_{103}^{(10)} - m_{200}^{(11)}m_{102}^{(11)}m_{013}^{(00)} + 2m_{200}^{(11)}m_{102}^{(20)}m_{112}^{(11)} - 2m_{200}^{(11)}m_{102}^{(20)}m_{022}^{(10)}\\
&-m_{200}^{(11)}m_{102}^{(21)}m_{202}^{(11)} + m_{200}^{(11)}m_{102}^{(21)}m_{022}^{(00)} + m_{200}^{(11)}m_{030}^{(00)}m_{103}^{(22)} - m_{200}^{(11)}m_{030}^{(00)}m_{004}^{(20)}\\
&-m_{200}^{(11)}m_{030}^{(20)}m_{202}^{(22)} + m_{200}^{(11)}m_{030}^{(20)}m_{004}^{(00)} + m_{200}^{(11)}m_{030}^{(22)}m_{202}^{(20)} - m_{200}^{(11)}m_{030}^{(22)}m_{103}^{(00)}\\
&-m_{200}^{(11)}m_{021}^{(00)}m_{112}^{(22)} - 2m_{200}^{(11)}m_{021}^{(00)}m_{103}^{(21)} + 2m_{200}^{(11)}m_{021}^{(00)}m_{013}^{(20)} + m_{200}^{(11)}m_{021}^{(00)}m_{004}^{(10)}\\
&+m_{200}^{(11)}m_{021}^{(10)}m_{202}^{(22)} - m_{200}^{(11)}m_{021}^{(10)}m_{004}^{(00)} + 2m_{200}^{(11)}m_{021}^{(20)}m_{202}^{(21)} - 2m_{200}^{(11)}m_{021}^{(20)}m_{013}^{(00)}\\
&-2m_{200}^{(11)}m_{021}^{(21)}m_{202}^{(20)} + 2m_{200}^{(11)}m_{021}^{(21)}m_{103}^{(00)} - m_{200}^{(11)}m_{021}^{(22)}m_{202}^{(10)} + m_{200}^{(11)}m_{021}^{(22)}m_{112}^{(00)}\\
&+2m_{200}^{(11)}m_{012}^{(00)}m_{112}^{(21)} + m_{200}^{(11)}m_{012}^{(00)}m_{103}^{(11)} - m_{200}^{(11)}m_{012}^{(00)}m_{022}^{(20)} - 2m_{200}^{(11)}m_{012}^{(00)}m_{013}^{(10)}\\
&-2m_{200}^{(11)}m_{012}^{(10)}m_{202}^{(21)} + 2m_{200}^{(11)}m_{012}^{(10)}m_{013}^{(00)} + m_{200}^{(11)}m_{012}^{(11)}m_{202}^{(20)} - m_{200}^{(11)}m_{012}^{(11)}m_{103}^{(00)}\\
&-m_{200}^{(11)}m_{012}^{(20)}m_{202}^{(11)} + m_{200}^{(11)}m_{012}^{(20)}m_{022}^{(00)} + 2m_{200}^{(11)}m_{012}^{(21)}m_{202}^{(10)} - 2m_{200}^{(11)}m_{012}^{(21)}m_{112}^{(00)}\\
&-m_{200}^{(11)}m_{003}^{(00)}m_{112}^{(11)} + m_{200}^{(11)}m_{003}^{(00)}m_{022}^{(10)} + m_{200}^{(11)}m_{003}^{(10)}m_{202}^{(11)} - m_{200}^{(11)}m_{003}^{(10)}m_{022}^{(00)}\\
&-m_{200}^{(11)}m_{003}^{(11)}m_{202}^{(10)} + m_{200}^{(11)}m_{003}^{(11)}m_{112}^{(00)} + 2m_{200}^{(21)}m_{300}^{(11)}m_{022}^{(22)} - 2m_{200}^{(21)}m_{300}^{(11)}m_{013}^{(21)}\\
&-2m_{200}^{(21)}m_{300}^{(21)}m_{031}^{(22)} + 2m_{200}^{(21)}m_{300}^{(21)}m_{013}^{(11)} + 2m_{200}^{(21)}m_{300}^{(22)}m_{031}^{(21)} - 2m_{200}^{(21)}m_{300}^{(22)}m_{022}^{(11)}\\
&-4m_{200}^{(21)}m_{210}^{(10)}m_{022}^{(22)} + 4m_{200}^{(21)}m_{210}^{(10)}m_{013}^{(21)} - 2m_{200}^{(21)}m_{210}^{(11)}m_{112}^{(22)} + 2m_{200}^{(21)}m_{210}^{(11)}m_{013}^{(20)}\\
&+2m_{200}^{(21)}m_{210}^{(20)}m_{031}^{(22)} - 2m_{200}^{(21)}m_{210}^{(20)}m_{013}^{(11)} + 4m_{200}^{(21)}m_{210}^{(21)}m_{121}^{(22)} - 4m_{200}^{(21)}m_{210}^{(21)}m_{013}^{(10)}\\
&-4m_{200}^{(21)}m_{210}^{(22)}m_{121}^{(21)} + 2m_{200}^{(21)}m_{210}^{(22)}m_{112}^{(11)} - 2m_{200}^{(21)}m_{210}^{(22)}m_{031}^{(20)} + 4m_{200}^{(21)}m_{210}^{(22)}m_{022}^{(10)}\\
&+2m_{200}^{(21)}m_{201}^{(10)}m_{031}^{(22)} - 2m_{200}^{(21)}m_{201}^{(10)}m_{013}^{(11)} - 2m_{200}^{(21)}m_{201}^{(11)}m_{121}^{(22)} + 4m_{200}^{(21)}m_{201}^{(11)}m_{112}^{(21)}\\
&-4m_{200}^{(21)}m_{201}^{(11)}m_{022}^{(20)} + 2m_{200}^{(21)}m_{201}^{(11)}m_{013}^{(10)} - 4m_{200}^{(21)}m_{201}^{(20)}m_{031}^{(21)} + 4m_{200}^{(21)}m_{201}^{(20)}m_{022}^{(11)}\\
&-4m_{200}^{(21)}m_{201}^{(21)}m_{112}^{(11)} + 4m_{200}^{(21)}m_{201}^{(21)}m_{031}^{(20)} + 2m_{200}^{(21)}m_{201}^{(22)}m_{121}^{(11)} - 2m_{200}^{(21)}m_{201}^{(22)}m_{031}^{(10)}\\
&+2m_{200}^{(21)}m_{120}^{(00)}m_{022}^{(22)} - 2m_{200}^{(21)}m_{120}^{(00)}m_{013}^{(21)} + 4m_{200}^{(21)}m_{120}^{(10)}m_{112}^{(22)} - 4m_{200}^{(21)}m_{120}^{(10)}m_{013}^{(20)}\\
&-4m_{200}^{(21)}m_{120}^{(20)}m_{121}^{(22)} + 4m_{200}^{(21)}m_{120}^{(20)}m_{013}^{(10)} - 2m_{200}^{(21)}m_{120}^{(21)}m_{211}^{(22)} + 2m_{200}^{(21)}m_{120}^{(21)}m_{013}^{(00)}\\
&+2m_{200}^{(21)}m_{120}^{(22)}m_{211}^{(21)} + 4m_{200}^{(21)}m_{120}^{(22)}m_{121}^{(20)} - 4m_{200}^{(21)}m_{120}^{(22)}m_{112}^{(10)} - 2m_{200}^{(21)}m_{120}^{(22)}m_{022}^{(00)}\\
&-2m_{200}^{(21)}m_{111}^{(00)}m_{031}^{(22)} + 2m_{200}^{(21)}m_{111}^{(00)}m_{013}^{(11)} - 8m_{200}^{(21)}m_{111}^{(10)}m_{112}^{(21)} + 8m_{200}^{(21)}m_{111}^{(10)}m_{022}^{(20)}\\
&+2m_{200}^{(21)}m_{111}^{(11)}m_{211}^{(22)} - 2m_{200}^{(21)}m_{111}^{(11)}m_{013}^{(00)} + 8m_{200}^{(21)}m_{111}^{(20)}m_{121}^{(21)} - 8m_{200}^{(21)}m_{111}^{(20)}m_{022}^{(10)}\\
&-8m_{200}^{(21)}m_{111}^{(21)}m_{121}^{(20)} + 8m_{200}^{(21)}m_{111}^{(21)}m_{112}^{(10)} - 2m_{200}^{(21)}m_{111}^{(22)}m_{211}^{(11)} + 2m_{200}^{(21)}m_{111}^{(22)}m_{031}^{(00)}\\
&+2m_{200}^{(21)}m_{102}^{(00)}m_{031}^{(21)} - 2m_{200}^{(21)}m_{102}^{(00)}m_{022}^{(11)} + 4m_{200}^{(21)}m_{102}^{(10)}m_{112}^{(11)} - 4m_{200}^{(21)}m_{102}^{(10)}m_{031}^{(20)}\\
&-2m_{200}^{(21)}m_{102}^{(11)}m_{211}^{(21)} + 4m_{200}^{(21)}m_{102}^{(11)}m_{121}^{(20)} - 4m_{200}^{(21)}m_{102}^{(11)}m_{112}^{(10)} + 2m_{200}^{(21)}m_{102}^{(11)}m_{022}^{(00)}\\
&-4m_{200}^{(21)}m_{102}^{(20)}m_{121}^{(11)} + 4m_{200}^{(21)}m_{102}^{(20)}m_{031}^{(10)} + 2m_{200}^{(21)}m_{102}^{(21)}m_{211}^{(11)} - 2m_{200}^{(21)}m_{102}^{(21)}m_{031}^{(00)}\\
&-2m_{200}^{(21)}m_{030}^{(00)}m_{112}^{(22)} + 2m_{200}^{(21)}m_{030}^{(00)}m_{013}^{(20)} + 2m_{200}^{(21)}m_{030}^{(20)}m_{211}^{(22)} - 2m_{200}^{(21)}m_{030}^{(20)}m_{013}^{(00)}\\
&-2m_{200}^{(21)}m_{030}^{(22)}m_{211}^{(20)} + 2m_{200}^{(21)}m_{030}^{(22)}m_{112}^{(00)} + 2m_{200}^{(21)}m_{021}^{(00)}m_{121}^{(22)} + 4m_{200}^{(21)}m_{021}^{(00)}m_{112}^{(21)}\\
&-4m_{200}^{(21)}m_{021}^{(00)}m_{022}^{(20)} - 2m_{200}^{(21)}m_{021}^{(00)}m_{013}^{(10)} - 2m_{200}^{(21)}m_{021}^{(10)}m_{211}^{(22)} + 2m_{200}^{(21)}m_{021}^{(10)}m_{013}^{(00)}\\
&-4m_{200}^{(21)}m_{021}^{(20)}m_{211}^{(21)} + 4m_{200}^{(21)}m_{021}^{(20)}m_{022}^{(00)} + 4m_{200}^{(21)}m_{021}^{(21)}m_{211}^{(20)} - 4m_{200}^{(21)}m_{021}^{(21)}m_{112}^{(00)}\\
&+2m_{200}^{(21)}m_{021}^{(22)}m_{211}^{(10)} - 2m_{200}^{(21)}m_{021}^{(22)}m_{121}^{(00)} - 4m_{200}^{(21)}m_{012}^{(00)}m_{121}^{(21)} - 2m_{200}^{(21)}m_{012}^{(00)}m_{112}^{(11)}
\end{aligned}
$$

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\begin{aligned}
&+2m_{200}^{(21)}m_{012}^{(00)}m_{031}^{(20)} + 4m_{200}^{(21)}m_{012}^{(00)}m_{022}^{(10)} + 4m_{200}^{(21)}m_{012}^{(10)}m_{211}^{(21)} - 4m_{200}^{(21)}m_{012}^{(10)}m_{022}^{(00)}\\
&-2m_{200}^{(21)}m_{012}^{(11)}m_{211}^{(20)} + 2m_{200}^{(21)}m_{012}^{(11)}m_{112}^{(00)} + 2m_{200}^{(21)}m_{012}^{(20)}m_{211}^{(11)} - 2m_{200}^{(21)}m_{012}^{(20)}m_{031}^{(00)}\\
&-4m_{200}^{(21)}m_{012}^{(21)}m_{211}^{(10)} + 4m_{200}^{(21)}m_{012}^{(21)}m_{121}^{(00)} + 2m_{200}^{(21)}m_{003}^{(00)}m_{121}^{(11)} - 2m_{200}^{(21)}m_{003}^{(00)}m_{031}^{(10)}\\
&-2m_{200}^{(21)}m_{003}^{(10)}m_{211}^{(11)} + 2m_{200}^{(21)}m_{003}^{(10)}m_{031}^{(00)} + 2m_{200}^{(21)}m_{003}^{(11)}m_{211}^{(10)} - 2m_{200}^{(21)}m_{003}^{(11)}m_{121}^{(00)}\\
&-m_{200}^{(22)}m_{300}^{(11)}m_{031}^{(22)} + m_{200}^{(22)}m_{300}^{(11)}m_{022}^{(21)} + m_{200}^{(22)}m_{300}^{(21)}m_{040}^{(22)} - m_{200}^{(22)}m_{300}^{(21)}m_{022}^{(11)}\\
&-m_{200}^{(22)}m_{300}^{(22)}m_{040}^{(21)} + m_{200}^{(22)}m_{300}^{(22)}m_{031}^{(11)} + 2m_{200}^{(22)}m_{210}^{(10)}m_{031}^{(22)} - 2m_{200}^{(22)}m_{210}^{(10)}m_{022}^{(21)}\\
&+m_{200}^{(22)}m_{210}^{(11)}m_{121}^{(22)} - m_{200}^{(22)}m_{210}^{(11)}m_{022}^{(20)} - m_{200}^{(22)}m_{210}^{(20)}m_{040}^{(22)} + m_{200}^{(22)}m_{210}^{(20)}m_{022}^{(11)}\\
&-2m_{200}^{(22)}m_{210}^{(21)}m_{130}^{(22)} + 2m_{200}^{(22)}m_{210}^{(21)}m_{022}^{(10)} + 2m_{200}^{(22)}m_{210}^{(22)}m_{130}^{(21)} - m_{200}^{(22)}m_{210}^{(22)}m_{121}^{(11)}\\
&+m_{200}^{(22)}m_{210}^{(22)}m_{040}^{(20)} - 2m_{200}^{(22)}m_{210}^{(22)}m_{031}^{(10)} - m_{200}^{(22)}m_{201}^{(10)}m_{040}^{(22)} + m_{200}^{(22)}m_{201}^{(10)}m_{022}^{(11)}\\
&+m_{200}^{(22)}m_{201}^{(11)}m_{130}^{(22)} - 2m_{200}^{(22)}m_{201}^{(11)}m_{121}^{(21)} + 2m_{200}^{(22)}m_{201}^{(11)}m_{031}^{(20)} - m_{200}^{(22)}m_{201}^{(11)}m_{022}^{(10)}\\
&+2m_{200}^{(22)}m_{201}^{(20)}m_{040}^{(21)} - 2m_{200}^{(22)}m_{201}^{(20)}m_{031}^{(11)} + 2m_{200}^{(22)}m_{201}^{(21)}m_{121}^{(11)} - 2m_{200}^{(22)}m_{201}^{(21)}m_{040}^{(20)}\\
&-m_{200}^{(22)}m_{201}^{(22)}m_{130}^{(11)} + m_{200}^{(22)}m_{201}^{(22)}m_{040}^{(10)} - m_{200}^{(22)}m_{120}^{(00)}m_{031}^{(22)} + m_{200}^{(22)}m_{120}^{(00)}m_{022}^{(21)}\\
&-2m_{200}^{(22)}m_{120}^{(10)}m_{121}^{(22)} + 2m_{200}^{(22)}m_{120}^{(10)}m_{022}^{(20)} + 2m_{200}^{(22)}m_{120}^{(20)}m_{130}^{(22)} - 2m_{200}^{(22)}m_{120}^{(20)}m_{022}^{(10)}\\
&+m_{200}^{(22)}m_{120}^{(21)}m_{220}^{(22)} - m_{200}^{(22)}m_{120}^{(21)}m_{022}^{(00)} - m_{200}^{(22)}m_{120}^{(22)}m_{220}^{(21)} - 2m_{200}^{(22)}m_{120}^{(22)}m_{130}^{(20)}\\
&+2m_{200}^{(22)}m_{120}^{(22)}m_{121}^{(10)} + m_{200}^{(22)}m_{120}^{(22)}m_{031}^{(00)} + m_{200}^{(22)}m_{111}^{(00)}m_{040}^{(22)} - m_{200}^{(22)}m_{111}^{(00)}m_{022}^{(11)}\\
&+4m_{200}^{(22)}m_{111}^{(10)}m_{121}^{(21)} - 4m_{200}^{(22)}m_{111}^{(10)}m_{031}^{(20)} - m_{200}^{(22)}m_{111}^{(11)}m_{220}^{(22)} + m_{200}^{(22)}m_{111}^{(11)}m_{022}^{(00)}\\
&-4m_{200}^{(22)}m_{111}^{(20)}m_{130}^{(21)} + 4m_{200}^{(22)}m_{111}^{(20)}m_{031}^{(10)} + 4m_{200}^{(22)}m_{111}^{(21)}m_{130}^{(20)} - 4m_{200}^{(22)}m_{111}^{(21)}m_{121}^{(10)}\\
&+m_{200}^{(22)}m_{111}^{(22)}m_{220}^{(11)} - m_{200}^{(22)}m_{111}^{(22)}m_{040}^{(00)} - m_{200}^{(22)}m_{102}^{(00)}m_{040}^{(21)} + m_{200}^{(22)}m_{102}^{(00)}m_{031}^{(11)}\\
&-2m_{200}^{(22)}m_{102}^{(10)}m_{121}^{(11)} + 2m_{200}^{(22)}m_{102}^{(10)}m_{040}^{(20)} + m_{200}^{(22)}m_{102}^{(11)}m_{220}^{(21)} - 2m_{200}^{(22)}m_{102}^{(11)}m_{130}^{(20)}\\
&+2m_{200}^{(22)}m_{102}^{(11)}m_{121}^{(10)} - m_{200}^{(22)}m_{102}^{(11)}m_{031}^{(00)} + 2m_{200}^{(22)}m_{102}^{(20)}m_{130}^{(11)} - 2m_{200}^{(22)}m_{102}^{(20)}m_{040}^{(10)}\\
&-m_{200}^{(22)}m_{102}^{(21)}m_{220}^{(11)} + m_{200}^{(22)}m_{102}^{(21)}m_{040}^{(00)} + m_{200}^{(22)}m_{030}^{(00)}m_{121}^{(22)} - m_{200}^{(22)}m_{030}^{(00)}m_{022}^{(20)}\\
&-m_{200}^{(22)}m_{030}^{(20)}m_{220}^{(22)} + m_{200}^{(22)}m_{030}^{(20)}m_{022}^{(00)} + m_{200}^{(22)}m_{030}^{(22)}m_{220}^{(20)} - m_{200}^{(22)}m_{030}^{(22)}m_{121}^{(00)}\\
&-m_{200}^{(22)}m_{021}^{(00)}m_{130}^{(22)} - 2m_{200}^{(22)}m_{021}^{(00)}m_{121}^{(21)} + 2m_{200}^{(22)}m_{021}^{(00)}m_{031}^{(20)} + m_{200}^{(22)}m_{021}^{(00)}m_{022}^{(10)}\\
&+m_{200}^{(22)}m_{021}^{(10)}m_{220}^{(22)} - m_{200}^{(22)}m_{021}^{(10)}m_{022}^{(00)} + 2m_{200}^{(22)}m_{021}^{(20)}m_{220}^{(21)} - 2m_{200}^{(22)}m_{021}^{(20)}m_{031}^{(00)}\\
&-2m_{200}^{(22)}m_{021}^{(21)}m_{220}^{(20)} + 2m_{200}^{(22)}m_{021}^{(21)}m_{121}^{(00)} - m_{200}^{(22)}m_{021}^{(22)}m_{220}^{(10)} + m_{200}^{(22)}m_{021}^{(22)}m_{130}^{(00)}\\
&+2m_{200}^{(22)}m_{012}^{(00)}m_{130}^{(21)} + m_{200}^{(22)}m_{012}^{(00)}m_{121}^{(11)} - m_{200}^{(22)}m_{012}^{(00)}m_{040}^{(20)} - 2m_{200}^{(22)}m_{012}^{(00)}m_{031}^{(10)}\\
&-2m_{200}^{(22)}m_{012}^{(10)}m_{220}^{(21)} + 2m_{200}^{(22)}m_{012}^{(10)}m_{031}^{(00)} + m_{200}^{(22)}m_{012}^{(11)}m_{220}^{(20)} - m_{200}^{(22)}m_{012}^{(11)}m_{121}^{(00)}\\
&-m_{200}^{(22)}m_{012}^{(20)}m_{220}^{(11)} + m_{200}^{(22)}m_{012}^{(20)}m_{040}^{(00)} + 2m_{200}^{(22)}m_{012}^{(21)}m_{220}^{(10)} - 2m_{200}^{(22)}m_{012}^{(21)}m_{130}^{(00)}\\
&-m_{200}^{(22)}m_{003}^{(00)}m_{130}^{(11)} + m_{200}^{(22)}m_{003}^{(00)}m_{040}^{(10)} + m_{200}^{(22)}m_{003}^{(10)}m_{220}^{(11)} - m_{200}^{(22)}m_{003}^{(10)}m_{040}^{(00)}\\
&-m_{200}^{(22)}m_{003}^{(11)}m_{220}^{(10)} + m_{200}^{(22)}m_{003}^{(11)}m_{130}^{(00)} + 2m_{110}^{(10)}m_{300}^{(11)}m_{013}^{(22)} - 2m_{110}^{(10)}m_{300}^{(11)}m_{004}^{(21)}\\
&-2m_{110}^{(10)}m_{300}^{(21)}m_{022}^{(22)} + 2m_{110}^{(10)}m_{300}^{(21)}m_{004}^{(11)} + 2m_{110}^{(10)}m_{300}^{(22)}m_{022}^{(21)} - 2m_{110}^{(10)}m_{300}^{(22)}m_{013}^{(11)}\\
&-4m_{110}^{(10)}m_{210}^{(10)}m_{013}^{(22)} + 4m_{110}^{(10)}m_{210}^{(10)}m_{004}^{(21)} - 2m_{110}^{(10)}m_{210}^{(11)}m_{103}^{(22)} + 2m_{110}^{(10)}m_{210}^{(11)}m_{004}^{(20)}\\
&+2m_{110}^{(10)}m_{210}^{(20)}m_{022}^{(22)} - 2m_{110}^{(10)}m_{210}^{(20)}m_{004}^{(11)} + 4m_{110}^{(10)}m_{210}^{(21)}m_{112}^{(22)} - 4m_{110}^{(10)}m_{210}^{(21)}m_{004}^{(10)}\\
&-4m_{110}^{(10)}m_{210}^{(22)}m_{112}^{(21)} + 2m_{110}^{(10)}m_{210}^{(22)}m_{103}^{(11)} - 2m_{110}^{(10)}m_{210}^{(22)}m_{022}^{(20)} + 4m_{110}^{(10)}m_{210}^{(22)}m_{013}^{(10)}\\
&+2m_{110}^{(10)}m_{201}^{(10)}m_{022}^{(22)} - 2m_{110}^{(10)}m_{201}^{(10)}m_{004}^{(11)} - 2m_{110}^{(10)}m_{201}^{(11)}m_{112}^{(22)} + 4m_{110}^{(10)}m_{201}^{(11)}m_{103}^{(21)}\\
&-4m_{110}^{(10)}m_{201}^{(11)}m_{013}^{(20)} + 2m_{110}^{(10)}m_{201}^{(11)}m_{004}^{(10)} - 4m_{110}^{(10)}m_{201}^{(20)}m_{022}^{(21)} + 4m_{110}^{(10)}m_{201}^{(20)}m_{013}^{(11)}\\
&-4m_{110}^{(10)}m_{201}^{(21)}m_{103}^{(11)} + 4m_{110}^{(10)}m_{201}^{(21)}m_{022}^{(20)} + 2m_{110}^{(10)}m_{201}^{(22)}m_{112}^{(11)} - 2m_{110}^{(10)}m_{201}^{(22)}m_{022}^{(10)}\\
&+2m_{110}^{(10)}m_{120}^{(00)}m_{013}^{(22)} - 2m_{110}^{(10)}m_{120}^{(00)}m_{004}^{(21)} + 4m_{110}^{(10)}m_{120}^{(10)}m_{103}^{(22)} - 4m_{110}^{(10)}m_{120}^{(10)}m_{004}^{(20)}
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&-4m_{110}^{(10)}m_{120}^{(20)}m_{112}^{(22)} + 4m_{110}^{(10)}m_{120}^{(20)}m_{004}^{(10)} - 2m_{110}^{(10)}m_{120}^{(21)}m_{202}^{(22)} + 2m_{110}^{(10)}m_{120}^{(21)}m_{004}^{(00)}\\
&+2m_{110}^{(10)}m_{120}^{(22)}m_{202}^{(21)} + 4m_{110}^{(10)}m_{120}^{(22)}m_{112}^{(20)} - 4m_{110}^{(10)}m_{120}^{(22)}m_{103}^{(10)} - 2m_{110}^{(10)}m_{120}^{(22)}m_{013}^{(00)}\\
&-2m_{110}^{(10)}m_{111}^{(00)}m_{022}^{(22)} + 2m_{110}^{(10)}m_{111}^{(00)}m_{004}^{(11)} - 8m_{110}^{(10)}m_{111}^{(10)}m_{103}^{(21)} + 8m_{110}^{(10)}m_{111}^{(10)}m_{013}^{(20)}\\
&+2m_{110}^{(10)}m_{111}^{(11)}m_{202}^{(22)} - 2m_{110}^{(10)}m_{111}^{(11)}m_{004}^{(00)} + 8m_{110}^{(10)}m_{111}^{(20)}m_{112}^{(21)} - 8m_{110}^{(10)}m_{111}^{(20)}m_{013}^{(10)}\\
&-8m_{110}^{(10)}m_{111}^{(21)}m_{112}^{(20)} + 8m_{110}^{(10)}m_{111}^{(21)}m_{103}^{(10)} - 2m_{110}^{(10)}m_{111}^{(22)}m_{202}^{(11)} + 2m_{110}^{(10)}m_{111}^{(22)}m_{022}^{(00)}\\
&+2m_{110}^{(10)}m_{102}^{(00)}m_{022}^{(21)} - 2m_{110}^{(10)}m_{102}^{(00)}m_{013}^{(11)} + 4m_{110}^{(10)}m_{102}^{(10)}m_{103}^{(11)} - 4m_{110}^{(10)}m_{102}^{(10)}m_{022}^{(20)}\\
&-2m_{110}^{(10)}m_{102}^{(11)}m_{202}^{(21)} + 4m_{110}^{(10)}m_{102}^{(11)}m_{112}^{(20)} - 4m_{110}^{(10)}m_{102}^{(11)}m_{103}^{(10)} + 2m_{110}^{(10)}m_{102}^{(11)}m_{013}^{(00)}\\
&-4m_{110}^{(10)}m_{102}^{(20)}m_{112}^{(11)} + 4m_{110}^{(10)}m_{102}^{(20)}m_{022}^{(10)} + 2m_{110}^{(10)}m_{102}^{(21)}m_{202}^{(11)} - 2m_{110}^{(10)}m_{102}^{(21)}m_{022}^{(00)}\\
&-2m_{110}^{(10)}m_{030}^{(00)}m_{103}^{(22)} + 2m_{110}^{(10)}m_{030}^{(00)}m_{004}^{(20)} + 2m_{110}^{(10)}m_{030}^{(20)}m_{202}^{(22)} - 2m_{110}^{(10)}m_{030}^{(20)}m_{004}^{(00)}\\
&-2m_{110}^{(10)}m_{030}^{(22)}m_{202}^{(20)} + 2m_{110}^{(10)}m_{030}^{(22)}m_{103}^{(00)} + 2m_{110}^{(10)}m_{021}^{(00)}m_{112}^{(22)} + 4m_{110}^{(10)}m_{021}^{(00)}m_{103}^{(21)}\\
&-4m_{110}^{(10)}m_{021}^{(00)}m_{013}^{(20)} - 2m_{110}^{(10)}m_{021}^{(00)}m_{004}^{(10)} - 2m_{110}^{(10)}m_{021}^{(10)}m_{202}^{(22)} + 2m_{110}^{(10)}m_{021}^{(10)}m_{004}^{(00)}\\
&-4m_{110}^{(10)}m_{021}^{(20)}m_{202}^{(21)} + 4m_{110}^{(10)}m_{021}^{(20)}m_{013}^{(00)} + 4m_{110}^{(10)}m_{021}^{(21)}m_{202}^{(20)} - 4m_{110}^{(10)}m_{021}^{(21)}m_{103}^{(00)}\\
&+2m_{110}^{(10)}m_{021}^{(22)}m_{202}^{(10)} - 2m_{110}^{(10)}m_{021}^{(22)}m_{112}^{(00)} - 4m_{110}^{(10)}m_{012}^{(00)}m_{112}^{(21)} - 2m_{110}^{(10)}m_{012}^{(00)}m_{103}^{(11)}\\
&+2m_{110}^{(10)}m_{012}^{(00)}m_{022}^{(20)} + 4m_{110}^{(10)}m_{012}^{(00)}m_{013}^{(10)} + 4m_{110}^{(10)}m_{012}^{(10)}m_{202}^{(21)} - 4m_{110}^{(10)}m_{012}^{(10)}m_{013}^{(00)}\\
&-2m_{110}^{(10)}m_{012}^{(11)}m_{202}^{(20)} + 2m_{110}^{(10)}m_{012}^{(11)}m_{103}^{(00)} + 2m_{110}^{(10)}m_{012}^{(20)}m_{202}^{(11)} - 2m_{110}^{(10)}m_{012}^{(20)}m_{022}^{(00)}\\
&-4m_{110}^{(10)}m_{012}^{(21)}m_{202}^{(10)} + 4m_{110}^{(10)}m_{012}^{(21)}m_{112}^{(00)} + 2m_{110}^{(10)}m_{003}^{(00)}m_{112}^{(11)} - 2m_{110}^{(10)}m_{003}^{(00)}m_{022}^{(10)}\\
&-2m_{110}^{(10)}m_{003}^{(10)}m_{202}^{(11)} + 2m_{110}^{(10)}m_{003}^{(10)}m_{022}^{(00)} + 2m_{110}^{(10)}m_{003}^{(11)}m_{202}^{(10)} - 2m_{110}^{(10)}m_{003}^{(11)}m_{112}^{(00)}\\
&-2m_{110}^{(20)}m_{300}^{(11)}m_{022}^{(22)} + 2m_{110}^{(20)}m_{300}^{(11)}m_{013}^{(21)} + 2m_{110}^{(20)}m_{300}^{(21)}m_{031}^{(22)} - 2m_{110}^{(20)}m_{300}^{(21)}m_{013}^{(11)}\\
&-2m_{110}^{(20)}m_{300}^{(22)}m_{031}^{(21)} + 2m_{110}^{(20)}m_{300}^{(22)}m_{022}^{(11)} + 4m_{110}^{(20)}m_{210}^{(10)}m_{022}^{(22)} - 4m_{110}^{(20)}m_{210}^{(10)}m_{013}^{(21)}\\
&+2m_{110}^{(20)}m_{210}^{(11)}m_{112}^{(22)} - 2m_{110}^{(20)}m_{210}^{(11)}m_{013}^{(20)} - 2m_{110}^{(20)}m_{210}^{(20)}m_{031}^{(22)} + 2m_{110}^{(20)}m_{210}^{(20)}m_{013}^{(11)}\\
&-4m_{110}^{(20)}m_{210}^{(21)}m_{121}^{(22)} + 4m_{110}^{(20)}m_{210}^{(21)}m_{013}^{(10)} + 4m_{110}^{(20)}m_{210}^{(22)}m_{121}^{(21)} - 2m_{110}^{(20)}m_{210}^{(22)}m_{112}^{(11)}\\
&+2m_{110}^{(20)}m_{210}^{(22)}m_{031}^{(20)} - 4m_{110}^{(20)}m_{210}^{(22)}m_{022}^{(10)} - 2m_{110}^{(20)}m_{201}^{(10)}m_{031}^{(22)} + 2m_{110}^{(20)}m_{201}^{(10)}m_{013}^{(11)}\\
&+2m_{110}^{(20)}m_{201}^{(11)}m_{121}^{(22)} - 4m_{110}^{(20)}m_{201}^{(11)}m_{112}^{(21)} + 4m_{110}^{(20)}m_{201}^{(11)}m_{022}^{(20)} - 2m_{110}^{(20)}m_{201}^{(11)}m_{013}^{(10)}\\
&+4m_{110}^{(20)}m_{201}^{(20)}m_{031}^{(21)} - 4m_{110}^{(20)}m_{201}^{(20)}m_{022}^{(11)} + 4m_{110}^{(20)}m_{201}^{(21)}m_{112}^{(11)} - 4m_{110}^{(20)}m_{201}^{(21)}m_{031}^{(20)}\\
&-2m_{110}^{(20)}m_{201}^{(22)}m_{121}^{(11)} + 2m_{110}^{(20)}m_{201}^{(22)}m_{031}^{(10)} - 2m_{110}^{(20)}m_{120}^{(00)}m_{022}^{(22)} + 2m_{110}^{(20)}m_{120}^{(00)}m_{013}^{(21)}\\
&-4m_{110}^{(20)}m_{120}^{(10)}m_{112}^{(22)} + 4m_{110}^{(20)}m_{120}^{(10)}m_{013}^{(20)} + 4m_{110}^{(20)}m_{120}^{(20)}m_{121}^{(22)} - 4m_{110}^{(20)}m_{120}^{(20)}m_{013}^{(10)}\\
&+2m_{110}^{(20)}m_{120}^{(21)}m_{211}^{(22)} - 2m_{110}^{(20)}m_{120}^{(21)}m_{013}^{(00)} - 2m_{110}^{(20)}m_{120}^{(22)}m_{211}^{(21)} - 4m_{110}^{(20)}m_{120}^{(22)}m_{121}^{(20)}\\
&+4m_{110}^{(20)}m_{120}^{(22)}m_{112}^{(10)} + 2m_{110}^{(20)}m_{120}^{(22)}m_{022}^{(00)} + 2m_{110}^{(20)}m_{111}^{(00)}m_{031}^{(22)} - 2m_{110}^{(20)}m_{111}^{(00)}m_{013}^{(11)}\\
&+8m_{110}^{(20)}m_{111}^{(10)}m_{112}^{(21)} - 8m_{110}^{(20)}m_{111}^{(10)}m_{022}^{(20)} - 2m_{110}^{(20)}m_{111}^{(11)}m_{211}^{(22)} + 2m_{110}^{(20)}m_{111}^{(11)}m_{013}^{(00)}\\
&-8m_{110}^{(20)}m_{111}^{(20)}m_{121}^{(21)} + 8m_{110}^{(20)}m_{111}^{(20)}m_{022}^{(10)} + 8m_{110}^{(20)}m_{111}^{(21)}m_{121}^{(20)} - 8m_{110}^{(20)}m_{111}^{(21)}m_{112}^{(10)}\\
&+2m_{110}^{(20)}m_{111}^{(22)}m_{211}^{(11)} - 2m_{110}^{(20)}m_{111}^{(22)}m_{031}^{(00)} - 2m_{110}^{(20)}m_{102}^{(00)}m_{031}^{(21)} + 2m_{110}^{(20)}m_{102}^{(00)}m_{022}^{(11)}\\
&-4m_{110}^{(20)}m_{102}^{(10)}m_{112}^{(11)} + 4m_{110}^{(20)}m_{102}^{(10)}m_{031}^{(20)} + 2m_{110}^{(20)}m_{102}^{(11)}m_{211}^{(21)} - 4m_{110}^{(20)}m_{102}^{(11)}m_{121}^{(20)}\\
&+4m_{110}^{(20)}m_{102}^{(11)}m_{112}^{(10)} - 2m_{110}^{(20)}m_{102}^{(11)}m_{022}^{(00)} + 4m_{110}^{(20)}m_{102}^{(20)}m_{121}^{(11)} - 4m_{110}^{(20)}m_{102}^{(20)}m_{031}^{(10)}\\
&-2m_{110}^{(20)}m_{102}^{(21)}m_{211}^{(11)} + 2m_{110}^{(20)}m_{102}^{(21)}m_{031}^{(00)} + 2m_{110}^{(20)}m_{030}^{(00)}m_{112}^{(22)} - 2m_{110}^{(20)}m_{030}^{(00)}m_{013}^{(20)}\\
&-2m_{110}^{(20)}m_{030}^{(20)}m_{211}^{(22)} + 2m_{110}^{(20)}m_{030}^{(20)}m_{013}^{(00)} + 2m_{110}^{(20)}m_{030}^{(22)}m_{211}^{(20)} - 2m_{110}^{(20)}m_{030}^{(22)}m_{112}^{(00)}\\
&-2m_{110}^{(20)}m_{021}^{(00)}m_{121}^{(22)} - 4m_{110}^{(20)}m_{021}^{(00)}m_{112}^{(21)} + 4m_{110}^{(20)}m_{021}^{(00)}m_{022}^{(20)} + 2m_{110}^{(20)}m_{021}^{(00)}m_{013}^{(10)}\\
&+2m_{110}^{(20)}m_{021}^{(10)}m_{211}^{(22)} - 2m_{110}^{(20)}m_{021}^{(10)}m_{013}^{(00)} + 4m_{110}^{(20)}m_{021}^{(20)}m_{211}^{(21)} - 4m_{110}^{(20)}m_{021}^{(20)}m_{022}^{(00)}\\
&-4m_{110}^{(20)}m_{021}^{(21)}m_{211}^{(20)} + 4m_{110}^{(20)}m_{021}^{(21)}m_{112}^{(00)} - 2m_{110}^{(20)}m_{021}^{(22)}m_{211}^{(10)} + 2m_{110}^{(20)}m_{021}^{(22)}m_{121}^{(00)}
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&+4m_{110}^{(20)}m_{012}^{(00)}m_{121}^{(21)} + 2m_{110}^{(20)}m_{012}^{(00)}m_{112}^{(11)} - 2m_{110}^{(20)}m_{012}^{(00)}m_{031}^{(20)} - 4m_{110}^{(20)}m_{012}^{(00)}m_{022}^{(10)}\\
&-4m_{110}^{(20)}m_{012}^{(10)}m_{211}^{(21)} + 4m_{110}^{(20)}m_{012}^{(10)}m_{022}^{(00)} + 2m_{110}^{(20)}m_{012}^{(11)}m_{211}^{(20)} - 2m_{110}^{(20)}m_{012}^{(11)}m_{112}^{(00)}\\
&-2m_{110}^{(20)}m_{012}^{(20)}m_{211}^{(11)} + 2m_{110}^{(20)}m_{012}^{(20)}m_{031}^{(00)} + 4m_{110}^{(20)}m_{012}^{(21)}m_{211}^{(10)} - 4m_{110}^{(20)}m_{012}^{(21)}m_{121}^{(00)}\\
&-2m_{110}^{(20)}m_{003}^{(00)}m_{121}^{(11)} + 2m_{110}^{(20)}m_{003}^{(00)}m_{031}^{(10)} + 2m_{110}^{(20)}m_{003}^{(10)}m_{211}^{(11)} - 2m_{110}^{(20)}m_{003}^{(10)}m_{031}^{(00)}\\
&-2m_{110}^{(20)}m_{003}^{(11)}m_{211}^{(10)} + 2m_{110}^{(20)}m_{003}^{(11)}m_{121}^{(00)} - 2m_{110}^{(21)}m_{300}^{(11)}m_{112}^{(22)} + 2m_{110}^{(21)}m_{300}^{(11)}m_{103}^{(21)}\\
&+2m_{110}^{(21)}m_{300}^{(21)}m_{121}^{(22)} - 2m_{110}^{(21)}m_{300}^{(21)}m_{103}^{(11)} - 2m_{110}^{(21)}m_{300}^{(22)}m_{121}^{(21)} + 2m_{110}^{(21)}m_{300}^{(22)}m_{112}^{(11)}\\
&+4m_{110}^{(21)}m_{210}^{(10)}m_{112}^{(22)} - 4m_{110}^{(21)}m_{210}^{(10)}m_{103}^{(21)} + 2m_{110}^{(21)}m_{210}^{(11)}m_{202}^{(22)} - 2m_{110}^{(21)}m_{210}^{(11)}m_{103}^{(20)}\\
&-2m_{110}^{(21)}m_{210}^{(20)}m_{121}^{(22)} + 2m_{110}^{(21)}m_{210}^{(20)}m_{103}^{(11)} - 4m_{110}^{(21)}m_{210}^{(21)}m_{211}^{(22)} + 4m_{110}^{(21)}m_{210}^{(21)}m_{103}^{(10)}\\
&+4m_{110}^{(21)}m_{210}^{(22)}m_{211}^{(21)} - 2m_{110}^{(21)}m_{210}^{(22)}m_{202}^{(11)} + 2m_{110}^{(21)}m_{210}^{(22)}m_{121}^{(20)} - 4m_{110}^{(21)}m_{210}^{(22)}m_{112}^{(10)}\\
&-2m_{110}^{(21)}m_{201}^{(10)}m_{121}^{(22)} + 2m_{110}^{(21)}m_{201}^{(10)}m_{103}^{(11)} + 2m_{110}^{(21)}m_{201}^{(11)}m_{211}^{(22)} - 4m_{110}^{(21)}m_{201}^{(11)}m_{202}^{(21)}\\
&+4m_{110}^{(21)}m_{201}^{(11)}m_{112}^{(20)} - 2m_{110}^{(21)}m_{201}^{(11)}m_{103}^{(10)} + 4m_{110}^{(21)}m_{201}^{(20)}m_{121}^{(21)} - 4m_{110}^{(21)}m_{201}^{(20)}m_{112}^{(11)}\\
&+4m_{110}^{(21)}m_{201}^{(21)}m_{202}^{(11)} - 4m_{110}^{(21)}m_{201}^{(21)}m_{121}^{(20)} - 2m_{110}^{(21)}m_{201}^{(22)}m_{211}^{(11)} + 2m_{110}^{(21)}m_{201}^{(22)}m_{121}^{(10)}\\
&-2m_{110}^{(21)}m_{120}^{(00)}m_{112}^{(22)} + 2m_{110}^{(21)}m_{120}^{(00)}m_{103}^{(21)} - 4m_{110}^{(21)}m_{120}^{(10)}m_{202}^{(22)} + 4m_{110}^{(21)}m_{120}^{(10)}m_{103}^{(20)}\\
&+4m_{110}^{(21)}m_{120}^{(20)}m_{211}^{(22)} - 4m_{110}^{(21)}m_{120}^{(20)}m_{103}^{(10)} + 2m_{110}^{(21)}m_{120}^{(21)}m_{301}^{(22)} - 2m_{110}^{(21)}m_{120}^{(21)}m_{103}^{(00)}\\
&-2m_{110}^{(21)}m_{120}^{(22)}m_{301}^{(21)} - 4m_{110}^{(21)}m_{120}^{(22)}m_{211}^{(20)} + 4m_{110}^{(21)}m_{120}^{(22)}m_{202}^{(10)} + 2m_{110}^{(21)}m_{120}^{(22)}m_{112}^{(00)}\\
&+2m_{110}^{(21)}m_{111}^{(00)}m_{121}^{(22)} - 2m_{110}^{(21)}m_{111}^{(00)}m_{103}^{(11)} + 8m_{110}^{(21)}m_{111}^{(10)}m_{202}^{(21)} - 8m_{110}^{(21)}m_{111}^{(10)}m_{112}^{(20)}\\
&-2m_{110}^{(21)}m_{111}^{(11)}m_{301}^{(22)} + 2m_{110}^{(21)}m_{111}^{(11)}m_{103}^{(00)} - 8m_{110}^{(21)}m_{111}^{(20)}m_{211}^{(21)} + 8m_{110}^{(21)}m_{111}^{(20)}m_{112}^{(10)}\\
&+8m_{110}^{(21)}m_{111}^{(21)}m_{211}^{(20)} - 8m_{110}^{(21)}m_{111}^{(21)}m_{202}^{(10)} + 2m_{110}^{(21)}m_{111}^{(22)}m_{301}^{(11)} - 2m_{110}^{(21)}m_{111}^{(22)}m_{121}^{(00)}\\
&-2m_{110}^{(21)}m_{102}^{(00)}m_{121}^{(21)} + 2m_{110}^{(21)}m_{102}^{(00)}m_{112}^{(11)} - 4m_{110}^{(21)}m_{102}^{(10)}m_{112}^{(11)} + 4m_{110}^{(21)}m_{102}^{(10)}m_{121}^{(20)}\\
&+2m_{110}^{(21)}m_{102}^{(11)}m_{301}^{(21)} - 4m_{110}^{(21)}m_{102}^{(11)}m_{211}^{(20)} + 4m_{110}^{(21)}m_{102}^{(11)}m_{202}^{(10)} - 2m_{110}^{(21)}m_{102}^{(11)}m_{112}^{(00)}\\
&+4m_{110}^{(21)}m_{102}^{(20)}m_{211}^{(11)} - 4m_{110}^{(21)}m_{102}^{(20)}m_{121}^{(10)} - 2m_{110}^{(21)}m_{102}^{(21)}m_{301}^{(11)} + 2m_{110}^{(21)}m_{102}^{(21)}m_{121}^{(00)}\\
&+2m_{110}^{(21)}m_{030}^{(00)}m_{202}^{(22)} - 2m_{110}^{(21)}m_{030}^{(00)}m_{103}^{(20)} - 2m_{110}^{(21)}m_{030}^{(20)}m_{301}^{(22)} + 2m_{110}^{(21)}m_{030}^{(20)}m_{103}^{(00)}\\
&+2m_{110}^{(21)}m_{030}^{(22)}m_{301}^{(20)} - 2m_{110}^{(21)}m_{030}^{(22)}m_{202}^{(00)} - 2m_{110}^{(21)}m_{021}^{(00)}m_{211}^{(22)} - 4m_{110}^{(21)}m_{021}^{(00)}m_{202}^{(21)}\\
&+4m_{110}^{(21)}m_{021}^{(00)}m_{112}^{(20)} + 2m_{110}^{(21)}m_{021}^{(00)}m_{103}^{(10)} + 2m_{110}^{(21)}m_{021}^{(10)}m_{301}^{(22)} - 2m_{110}^{(21)}m_{021}^{(10)}m_{103}^{(00)}\\
&+4m_{110}^{(21)}m_{021}^{(20)}m_{301}^{(21)} - 4m_{110}^{(21)}m_{021}^{(20)}m_{112}^{(00)} - 4m_{110}^{(21)}m_{021}^{(21)}m_{301}^{(20)} + 4m_{110}^{(21)}m_{021}^{(21)}m_{202}^{(00)}\\
&-2m_{110}^{(21)}m_{021}^{(22)}m_{301}^{(10)} + 2m_{110}^{(21)}m_{021}^{(22)}m_{211}^{(00)} + 4m_{110}^{(21)}m_{012}^{(00)}m_{211}^{(21)} + 2m_{110}^{(21)}m_{012}^{(00)}m_{202}^{(11)}\\
&-2m_{110}^{(21)}m_{012}^{(00)}m_{121}^{(20)} - 4m_{110}^{(21)}m_{012}^{(00)}m_{112}^{(10)} - 4m_{110}^{(21)}m_{012}^{(10)}m_{301}^{(21)} + 4m_{110}^{(21)}m_{012}^{(10)}m_{112}^{(00)}\\
&+2m_{110}^{(21)}m_{012}^{(11)}m_{301}^{(20)} - 2m_{110}^{(21)}m_{012}^{(11)}m_{202}^{(00)} - 2m_{110}^{(21)}m_{012}^{(20)}m_{301}^{(11)} + 2m_{110}^{(21)}m_{012}^{(20)}m_{121}^{(00)}\\
&+4m_{110}^{(21)}m_{012}^{(21)}m_{301}^{(10)} - 4m_{110}^{(21)}m_{012}^{(21)}m_{211}^{(00)} - 2m_{110}^{(21)}m_{003}^{(00)}m_{211}^{(11)} + 2m_{110}^{(21)}m_{003}^{(00)}m_{121}^{(10)}\\
&+2m_{110}^{(21)}m_{003}^{(10)}m_{301}^{(11)} - 2m_{110}^{(21)}m_{003}^{(10)}m_{121}^{(00)} - 2m_{110}^{(21)}m_{003}^{(11)}m_{301}^{(10)} + 2m_{110}^{(21)}m_{003}^{(11)}m_{211}^{(00)}\\
&+2m_{110}^{(22)}m_{300}^{(11)}m_{121}^{(22)} - 2m_{110}^{(22)}m_{300}^{(11)}m_{112}^{(21)} - 2m_{110}^{(22)}m_{300}^{(21)}m_{130}^{(22)} + 2m_{110}^{(22)}m_{300}^{(21)}m_{112}^{(11)}\\
&+2m_{110}^{(22)}m_{300}^{(22)}m_{130}^{(21)} - 2m_{110}^{(22)}m_{300}^{(22)}m_{121}^{(11)} - 4m_{110}^{(22)}m_{210}^{(10)}m_{121}^{(22)} + 4m_{110}^{(22)}m_{210}^{(10)}m_{112}^{(21)}\\
&-2m_{110}^{(22)}m_{210}^{(11)}m_{211}^{(22)} + 2m_{110}^{(22)}m_{210}^{(11)}m_{112}^{(20)} + 2m_{110}^{(22)}m_{210}^{(20)}m_{130}^{(22)} - 2m_{110}^{(22)}m_{210}^{(20)}m_{112}^{(11)}\\
&+4m_{110}^{(22)}m_{210}^{(21)}m_{220}^{(22)} - 4m_{110}^{(22)}m_{210}^{(21)}m_{112}^{(10)} - 4m_{110}^{(22)}m_{210}^{(22)}m_{220}^{(21)} + 2m_{110}^{(22)}m_{210}^{(22)}m_{211}^{(11)}\\
&-2m_{110}^{(22)}m_{210}^{(22)}m_{130}^{(20)} + 4m_{110}^{(22)}m_{210}^{(22)}m_{121}^{(10)} + 2m_{110}^{(22)}m_{201}^{(10)}m_{130}^{(22)} - 2m_{110}^{(22)}m_{201}^{(10)}m_{112}^{(11)}\\
&-2m_{110}^{(22)}m_{201}^{(11)}m_{220}^{(22)} + 4m_{110}^{(22)}m_{201}^{(11)}m_{211}^{(21)} - 4m_{110}^{(22)}m_{201}^{(11)}m_{121}^{(20)} + 2m_{110}^{(22)}m_{201}^{(11)}m_{112}^{(10)}\\
&-4m_{110}^{(22)}m_{201}^{(20)}m_{130}^{(21)} + 4m_{110}^{(22)}m_{201}^{(20)}m_{121}^{(11)} - 4m_{110}^{(22)}m_{201}^{(21)}m_{211}^{(11)} + 4m_{110}^{(22)}m_{201}^{(21)}m_{130}^{(20)}\\
&+2m_{110}^{(22)}m_{201}^{(22)}m_{220}^{(11)} - 2m_{110}^{(22)}m_{201}^{(22)}m_{130}^{(10)} + 2m_{110}^{(22)}m_{120}^{(00)}m_{121}^{(22)} - 2m_{110}^{(22)}m_{120}^{(00)}m_{112}^{(21)}
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&+4m_{110}^{(22)}m_{120}^{(10)}m_{211}^{(22)} - 4m_{110}^{(22)}m_{120}^{(10)}m_{112}^{(20)} - 4m_{110}^{(22)}m_{120}^{(20)}m_{220}^{(22)} + 4m_{110}^{(22)}m_{120}^{(20)}m_{112}^{(10)}\\
&-2m_{110}^{(22)}m_{120}^{(21)}m_{310}^{(22)} + 2m_{110}^{(22)}m_{120}^{(21)}m_{112}^{(00)} + 2m_{110}^{(22)}m_{120}^{(22)}m_{310}^{(21)} + 4m_{110}^{(22)}m_{120}^{(22)}m_{220}^{(20)}\\
&-4m_{110}^{(22)}m_{120}^{(22)}m_{211}^{(10)} - 2m_{110}^{(22)}m_{120}^{(22)}m_{121}^{(00)} - 2m_{110}^{(22)}m_{111}^{(00)}m_{130}^{(22)} + 2m_{110}^{(22)}m_{111}^{(00)}m_{112}^{(11)}\\
&-8m_{110}^{(22)}m_{111}^{(10)}m_{211}^{(21)} + 8m_{110}^{(22)}m_{111}^{(10)}m_{121}^{(20)} + 2m_{110}^{(22)}m_{111}^{(11)}m_{310}^{(22)} - 2m_{110}^{(22)}m_{111}^{(11)}m_{112}^{(00)}\\
&+8m_{110}^{(22)}m_{111}^{(20)}m_{220}^{(21)} - 8m_{110}^{(22)}m_{111}^{(20)}m_{121}^{(10)} - 8m_{110}^{(22)}m_{111}^{(21)}m_{220}^{(20)} + 8m_{110}^{(22)}m_{111}^{(21)}m_{211}^{(10)}\\
&-2m_{110}^{(22)}m_{111}^{(22)}m_{310}^{(11)} + 2m_{110}^{(22)}m_{111}^{(22)}m_{130}^{(00)} + 2m_{110}^{(22)}m_{102}^{(00)}m_{130}^{(21)} - 2m_{110}^{(22)}m_{102}^{(00)}m_{121}^{(11)}\\
&+4m_{110}^{(22)}m_{102}^{(10)}m_{211}^{(11)} - 4m_{110}^{(22)}m_{102}^{(10)}m_{130}^{(20)} - 2m_{110}^{(22)}m_{102}^{(11)}m_{310}^{(21)} + 4m_{110}^{(22)}m_{102}^{(11)}m_{220}^{(20)}\\
&-4m_{110}^{(22)}m_{102}^{(11)}m_{211}^{(10)} + 2m_{110}^{(22)}m_{102}^{(11)}m_{121}^{(00)} - 4m_{110}^{(22)}m_{102}^{(20)}m_{220}^{(11)} + 4m_{110}^{(22)}m_{102}^{(20)}m_{130}^{(10)}\\
&+2m_{110}^{(22)}m_{102}^{(21)}m_{310}^{(11)} - 2m_{110}^{(22)}m_{102}^{(21)}m_{130}^{(00)} - 2m_{110}^{(22)}m_{030}^{(00)}m_{211}^{(22)} + 2m_{110}^{(22)}m_{030}^{(00)}m_{112}^{(20)}\\
&+2m_{110}^{(22)}m_{030}^{(20)}m_{310}^{(22)} - 2m_{110}^{(22)}m_{030}^{(20)}m_{112}^{(00)} - 2m_{110}^{(22)}m_{030}^{(22)}m_{310}^{(20)} + 2m_{110}^{(22)}m_{030}^{(22)}m_{211}^{(00)}\\
&+2m_{110}^{(22)}m_{021}^{(00)}m_{220}^{(22)} + 4m_{110}^{(22)}m_{021}^{(00)}m_{211}^{(21)} - 4m_{110}^{(22)}m_{021}^{(00)}m_{121}^{(20)} - 2m_{110}^{(22)}m_{021}^{(00)}m_{112}^{(10)}\\
&-2m_{110}^{(22)}m_{021}^{(10)}m_{310}^{(22)} + 2m_{110}^{(22)}m_{021}^{(10)}m_{112}^{(00)} - 4m_{110}^{(22)}m_{021}^{(20)}m_{310}^{(21)} + 4m_{110}^{(22)}m_{021}^{(20)}m_{121}^{(00)}\\
&+4m_{110}^{(22)}m_{021}^{(21)}m_{310}^{(20)} - 4m_{110}^{(22)}m_{021}^{(21)}m_{211}^{(00)} + 2m_{110}^{(22)}m_{021}^{(22)}m_{310}^{(10)} - 2m_{110}^{(22)}m_{021}^{(22)}m_{220}^{(00)}\\
&-4m_{110}^{(22)}m_{012}^{(00)}m_{220}^{(21)} - 2m_{110}^{(22)}m_{012}^{(00)}m_{211}^{(11)} + 2m_{110}^{(22)}m_{012}^{(00)}m_{130}^{(20)} + 4m_{110}^{(22)}m_{012}^{(00)}m_{121}^{(10)}\\
&+4m_{110}^{(22)}m_{012}^{(10)}m_{310}^{(21)} - 4m_{110}^{(22)}m_{012}^{(10)}m_{121}^{(00)} - 2m_{110}^{(22)}m_{012}^{(11)}m_{310}^{(20)} + 2m_{110}^{(22)}m_{012}^{(11)}m_{211}^{(00)}\\
&+2m_{110}^{(22)}m_{012}^{(20)}m_{310}^{(11)} - 2m_{110}^{(22)}m_{012}^{(20)}m_{130}^{(00)} - 4m_{110}^{(22)}m_{012}^{(21)}m_{310}^{(10)} + 4m_{110}^{(22)}m_{012}^{(21)}m_{220}^{(00)}\\
&+2m_{110}^{(22)}m_{003}^{(00)}m_{220}^{(11)} - 2m_{110}^{(22)}m_{003}^{(00)}m_{130}^{(10)} - 2m_{110}^{(22)}m_{003}^{(10)}m_{310}^{(11)} + 2m_{110}^{(22)}m_{003}^{(10)}m_{130}^{(00)}\\
&+2m_{110}^{(22)}m_{003}^{(11)}m_{310}^{(10)} - 2m_{110}^{(22)}m_{003}^{(11)}m_{220}^{(00)} - 2m_{101}^{(10)}m_{300}^{(11)}m_{022}^{(22)} + 2m_{101}^{(10)}m_{300}^{(11)}m_{013}^{(21)}\\
&+2m_{101}^{(10)}m_{300}^{(21)}m_{031}^{(22)} - 2m_{101}^{(10)}m_{300}^{(21)}m_{013}^{(11)} - 2m_{101}^{(10)}m_{300}^{(22)}m_{031}^{(21)} + 2m_{101}^{(10)}m_{300}^{(22)}m_{022}^{(11)}\\
&+4m_{101}^{(10)}m_{210}^{(10)}m_{022}^{(22)} - 4m_{101}^{(10)}m_{210}^{(10)}m_{013}^{(21)} + 2m_{101}^{(10)}m_{210}^{(11)}m_{112}^{(22)} - 2m_{101}^{(10)}m_{210}^{(11)}m_{013}^{(20)}\\
&-2m_{101}^{(10)}m_{210}^{(20)}m_{031}^{(22)} + 2m_{101}^{(10)}m_{210}^{(20)}m_{013}^{(11)} - 4m_{101}^{(10)}m_{210}^{(21)}m_{121}^{(22)} + 4m_{101}^{(10)}m_{210}^{(21)}m_{013}^{(10)}\\
&+4m_{101}^{(10)}m_{210}^{(22)}m_{121}^{(21)} - 2m_{101}^{(10)}m_{210}^{(22)}m_{112}^{(11)} + 2m_{101}^{(10)}m_{210}^{(22)}m_{031}^{(20)} - 4m_{101}^{(10)}m_{210}^{(22)}m_{022}^{(10)}\\
&-2m_{101}^{(10)}m_{201}^{(10)}m_{031}^{(22)} + 2m_{101}^{(10)}m_{201}^{(10)}m_{013}^{(11)} + 2m_{101}^{(10)}m_{201}^{(11)}m_{121}^{(22)} - 4m_{101}^{(10)}m_{201}^{(11)}m_{112}^{(21)}\\
&+4m_{101}^{(10)}m_{201}^{(11)}m_{022}^{(20)} - 2m_{101}^{(10)}m_{201}^{(11)}m_{013}^{(10)} + 4m_{101}^{(10)}m_{201}^{(20)}m_{031}^{(21)} - 4m_{101}^{(10)}m_{201}^{(20)}m_{022}^{(11)}\\
&+4m_{101}^{(10)}m_{201}^{(21)}m_{112}^{(11)} - 4m_{101}^{(10)}m_{201}^{(21)}m_{031}^{(20)} - 2m_{101}^{(10)}m_{201}^{(22)}m_{121}^{(11)} + 2m_{101}^{(10)}m_{201}^{(22)}m_{031}^{(10)}\\
&-2m_{101}^{(10)}m_{120}^{(00)}m_{022}^{(22)} + 2m_{101}^{(10)}m_{120}^{(00)}m_{013}^{(21)} - 4m_{101}^{(10)}m_{120}^{(10)}m_{112}^{(22)} + 4m_{101}^{(10)}m_{120}^{(10)}m_{013}^{(20)}\\
&+4m_{101}^{(10)}m_{120}^{(20)}m_{121}^{(22)} - 4m_{101}^{(10)}m_{120}^{(20)}m_{013}^{(10)} + 2m_{101}^{(10)}m_{120}^{(21)}m_{211}^{(22)} - 2m_{101}^{(10)}m_{120}^{(21)}m_{013}^{(00)}\\
&-2m_{101}^{(10)}m_{120}^{(22)}m_{211}^{(21)} - 4m_{101}^{(10)}m_{120}^{(22)}m_{121}^{(20)} + 4m_{101}^{(10)}m_{120}^{(22)}m_{112}^{(10)} + 2m_{101}^{(10)}m_{120}^{(22)}m_{022}^{(00)}\\
&+2m_{101}^{(10)}m_{111}^{(00)}m_{031}^{(22)} - 2m_{101}^{(10)}m_{111}^{(00)}m_{013}^{(11)} + 8m_{101}^{(10)}m_{111}^{(10)}m_{112}^{(21)} - 8m_{101}^{(10)}m_{111}^{(10)}m_{022}^{(20)}\\
&-2m_{101}^{(10)}m_{111}^{(11)}m_{211}^{(22)} + 2m_{101}^{(10)}m_{111}^{(11)}m_{013}^{(00)} - 8m_{101}^{(10)}m_{111}^{(20)}m_{121}^{(21)} + 8m_{101}^{(10)}m_{111}^{(20)}m_{022}^{(10)}\\
&+8m_{101}^{(10)}m_{111}^{(21)}m_{121}^{(20)} - 8m_{101}^{(10)}m_{111}^{(21)}m_{112}^{(10)} + 2m_{101}^{(10)}m_{111}^{(22)}m_{211}^{(11)} - 2m_{101}^{(10)}m_{111}^{(22)}m_{031}^{(00)}\\
&-2m_{101}^{(10)}m_{102}^{(00)}m_{031}^{(21)} + 2m_{101}^{(10)}m_{102}^{(00)}m_{022}^{(11)} - 4m_{101}^{(10)}m_{102}^{(10)}m_{112}^{(11)} + 4m_{101}^{(10)}m_{102}^{(10)}m_{031}^{(20)}\\
&+2m_{101}^{(10)}m_{102}^{(11)}m_{211}^{(21)} - 4m_{101}^{(10)}m_{102}^{(11)}m_{121}^{(20)} + 4m_{101}^{(10)}m_{102}^{(11)}m_{112}^{(10)} - 2m_{101}^{(10)}m_{102}^{(11)}m_{022}^{(00)}\\
&+4m_{101}^{(10)}m_{102}^{(20)}m_{121}^{(11)} - 4m_{101}^{(10)}m_{102}^{(20)}m_{031}^{(10)} - 2m_{101}^{(10)}m_{102}^{(21)}m_{211}^{(11)} + 2m_{101}^{(10)}m_{102}^{(21)}m_{031}^{(00)}\\
&+2m_{101}^{(10)}m_{030}^{(00)}m_{112}^{(22)} - 2m_{101}^{(10)}m_{030}^{(00)}m_{013}^{(20)} - 2m_{101}^{(10)}m_{030}^{(20)}m_{211}^{(22)} + 2m_{101}^{(10)}m_{030}^{(20)}m_{013}^{(00)}\\
&+2m_{101}^{(10)}m_{030}^{(22)}m_{211}^{(20)} - 2m_{101}^{(10)}m_{030}^{(22)}m_{112}^{(00)} - 2m_{101}^{(10)}m_{021}^{(00)}m_{121}^{(22)} - 4m_{101}^{(10)}m_{021}^{(00)}m_{112}^{(21)}\\
&+4m_{101}^{(10)}m_{021}^{(00)}m_{022}^{(20)} + 2m_{101}^{(10)}m_{021}^{(00)}m_{013}^{(10)} + 2m_{101}^{(10)}m_{021}^{(10)}m_{211}^{(22)} - 2m_{101}^{(10)}m_{021}^{(10)}m_{013}^{(00)}\\
&+4m_{101}^{(10)}m_{021}^{(20)}m_{211}^{(21)} - 4m_{101}^{(10)}m_{021}^{(20)}m_{022}^{(00)} - 4m_{101}^{(10)}m_{021}^{(21)}m_{211}^{(20)} + 4m_{101}^{(10)}m_{021}^{(21)}m_{112}^{(00)}
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&-2m_{101}^{(10)}m_{021}^{(22)}m_{211}^{(10)} + 2m_{101}^{(10)}m_{021}^{(22)}m_{121}^{(00)} + 4m_{101}^{(10)}m_{012}^{(00)}m_{121}^{(21)} + 2m_{101}^{(10)}m_{012}^{(00)}m_{112}^{(11)}\\
&-2m_{101}^{(10)}m_{012}^{(00)}m_{031}^{(20)} - 4m_{101}^{(10)}m_{012}^{(00)}m_{022}^{(10)} - 4m_{101}^{(10)}m_{012}^{(10)}m_{211}^{(21)} + 4m_{101}^{(10)}m_{012}^{(10)}m_{022}^{(00)}\\
&+2m_{101}^{(10)}m_{012}^{(11)}m_{211}^{(20)} - 2m_{101}^{(10)}m_{012}^{(11)}m_{112}^{(00)} - 2m_{101}^{(10)}m_{012}^{(20)}m_{211}^{(11)} + 2m_{101}^{(10)}m_{012}^{(20)}m_{031}^{(00)}\\
&+4m_{101}^{(10)}m_{012}^{(21)}m_{211}^{(10)} - 4m_{101}^{(10)}m_{012}^{(21)}m_{121}^{(00)} - 2m_{101}^{(10)}m_{003}^{(00)}m_{121}^{(11)} + 2m_{101}^{(10)}m_{003}^{(00)}m_{031}^{(10)}\\
&+2m_{101}^{(10)}m_{003}^{(10)}m_{211}^{(11)} - 2m_{101}^{(10)}m_{003}^{(10)}m_{031}^{(00)} - 2m_{101}^{(10)}m_{003}^{(11)}m_{211}^{(10)} + 2m_{101}^{(10)}m_{003}^{(11)}m_{121}^{(00)}\\
&+2m_{101}^{(11)}m_{300}^{(11)}m_{112}^{(22)} - 2m_{101}^{(11)}m_{300}^{(11)}m_{103}^{(21)} - 2m_{101}^{(11)}m_{300}^{(21)}m_{121}^{(22)} + 2m_{101}^{(11)}m_{300}^{(21)}m_{103}^{(11)}\\
&+2m_{101}^{(11)}m_{300}^{(22)}m_{121}^{(21)} - 2m_{101}^{(11)}m_{300}^{(22)}m_{112}^{(11)} - 4m_{101}^{(11)}m_{210}^{(10)}m_{112}^{(22)} + 4m_{101}^{(11)}m_{210}^{(10)}m_{103}^{(21)}\\
&-2m_{101}^{(11)}m_{210}^{(11)}m_{202}^{(22)} + 2m_{101}^{(11)}m_{210}^{(11)}m_{103}^{(20)} + 2m_{101}^{(11)}m_{210}^{(20)}m_{121}^{(22)} - 2m_{101}^{(11)}m_{210}^{(20)}m_{103}^{(11)}\\
&+4m_{101}^{(11)}m_{210}^{(21)}m_{211}^{(22)} - 4m_{101}^{(11)}m_{210}^{(21)}m_{103}^{(10)} - 4m_{101}^{(11)}m_{210}^{(22)}m_{211}^{(21)} + 2m_{101}^{(11)}m_{210}^{(22)}m_{202}^{(11)}\\
&-2m_{101}^{(11)}m_{210}^{(22)}m_{121}^{(20)} + 4m_{101}^{(11)}m_{210}^{(22)}m_{112}^{(10)} + 2m_{101}^{(11)}m_{201}^{(10)}m_{121}^{(22)} - 2m_{101}^{(11)}m_{201}^{(10)}m_{103}^{(11)}\\
&-2m_{101}^{(11)}m_{201}^{(11)}m_{211}^{(22)} + 4m_{101}^{(11)}m_{201}^{(11)}m_{202}^{(21)} - 4m_{101}^{(11)}m_{201}^{(11)}m_{112}^{(20)} + 2m_{101}^{(11)}m_{201}^{(11)}m_{103}^{(10)}\\
&-4m_{101}^{(11)}m_{201}^{(20)}m_{121}^{(21)} + 4m_{101}^{(11)}m_{201}^{(20)}m_{112}^{(11)} - 4m_{101}^{(11)}m_{201}^{(21)}m_{202}^{(11)} + 4m_{101}^{(11)}m_{201}^{(21)}m_{121}^{(20)}\\
&+2m_{101}^{(11)}m_{201}^{(22)}m_{211}^{(11)} - 2m_{101}^{(11)}m_{201}^{(22)}m_{121}^{(10)} + 2m_{101}^{(11)}m_{120}^{(00)}m_{112}^{(22)} - 2m_{101}^{(11)}m_{120}^{(00)}m_{103}^{(21)}\\
&+4m_{101}^{(11)}m_{120}^{(10)}m_{202}^{(22)} - 4m_{101}^{(11)}m_{120}^{(10)}m_{103}^{(20)} - 4m_{101}^{(11)}m_{120}^{(20)}m_{211}^{(22)} + 4m_{101}^{(11)}m_{120}^{(20)}m_{103}^{(10)}\\
&-2m_{101}^{(11)}m_{120}^{(21)}m_{301}^{(22)} + 2m_{101}^{(11)}m_{120}^{(21)}m_{103}^{(00)} + 2m_{101}^{(11)}m_{120}^{(22)}m_{301}^{(21)} + 4m_{101}^{(11)}m_{120}^{(22)}m_{211}^{(20)}\\
&-4m_{101}^{(11)}m_{120}^{(22)}m_{202}^{(10)} - 2m_{101}^{(11)}m_{120}^{(22)}m_{112}^{(00)} - 2m_{101}^{(11)}m_{111}^{(00)}m_{121}^{(22)} + 2m_{101}^{(11)}m_{111}^{(00)}m_{103}^{(11)}\\
&-8m_{101}^{(11)}m_{111}^{(10)}m_{202}^{(21)} + 8m_{101}^{(11)}m_{111}^{(10)}m_{112}^{(20)} + 2m_{101}^{(11)}m_{111}^{(11)}m_{301}^{(22)} - 2m_{101}^{(11)}m_{111}^{(11)}m_{103}^{(00)}\\
&+8m_{101}^{(11)}m_{111}^{(20)}m_{211}^{(21)} - 8m_{101}^{(11)}m_{111}^{(20)}m_{112}^{(10)} - 8m_{101}^{(11)}m_{111}^{(21)}m_{211}^{(20)} + 8m_{101}^{(11)}m_{111}^{(21)}m_{202}^{(10)}\\
&-2m_{101}^{(11)}m_{111}^{(22)}m_{301}^{(11)} + 2m_{101}^{(11)}m_{111}^{(22)}m_{121}^{(00)} + 2m_{101}^{(11)}m_{102}^{(00)}m_{121}^{(21)} - 2m_{101}^{(11)}m_{102}^{(00)}m_{112}^{(11)}\\
&+4m_{101}^{(11)}m_{102}^{(10)}m_{202}^{(11)} - 4m_{101}^{(11)}m_{102}^{(10)}m_{121}^{(20)} - 2m_{101}^{(11)}m_{102}^{(11)}m_{301}^{(21)} + 4m_{101}^{(11)}m_{102}^{(11)}m_{211}^{(20)}\\
&-4m_{101}^{(11)}m_{102}^{(11)}m_{202}^{(10)} + 2m_{101}^{(11)}m_{102}^{(11)}m_{112}^{(00)} - 4m_{101}^{(11)}m_{102}^{(20)}m_{211}^{(11)} + 4m_{101}^{(11)}m_{102}^{(20)}m_{121}^{(10)}\\
&+2m_{101}^{(11)}m_{102}^{(21)}m_{301}^{(11)} - 2m_{101}^{(11)}m_{102}^{(21)}m_{121}^{(00)} - 2m_{101}^{(11)}m_{030}^{(00)}m_{202}^{(22)} + 2m_{101}^{(11)}m_{030}^{(00)}m_{103}^{(20)}\\
&+2m_{101}^{(11)}m_{030}^{(20)}m_{301}^{(22)} - 2m_{101}^{(11)}m_{030}^{(20)}m_{103}^{(00)} - 2m_{101}^{(11)}m_{030}^{(22)}m_{301}^{(20)} + 2m_{101}^{(11)}m_{030}^{(22)}m_{202}^{(00)}\\
&+2m_{101}^{(11)}m_{021}^{(00)}m_{211}^{(22)} + 4m_{101}^{(11)}m_{021}^{(00)}m_{202}^{(21)} - 4m_{101}^{(11)}m_{021}^{(00)}m_{112}^{(20)} - 2m_{101}^{(11)}m_{021}^{(00)}m_{103}^{(10)}\\
&-2m_{101}^{(11)}m_{021}^{(10)}m_{301}^{(22)} + 2m_{101}^{(11)}m_{021}^{(10)}m_{103}^{(00)} - 4m_{101}^{(11)}m_{021}^{(20)}m_{301}^{(21)} + 4m_{101}^{(11)}m_{021}^{(20)}m_{112}^{(00)}\\
&+4m_{101}^{(11)}m_{021}^{(21)}m_{301}^{(20)} - 4m_{101}^{(11)}m_{021}^{(21)}m_{202}^{(00)} + 2m_{101}^{(11)}m_{021}^{(22)}m_{301}^{(10)} - 2m_{101}^{(11)}m_{021}^{(22)}m_{211}^{(00)}\\
&-4m_{101}^{(11)}m_{012}^{(00)}m_{211}^{(21)} - 2m_{101}^{(11)}m_{012}^{(00)}m_{202}^{(11)} + 2m_{101}^{(11)}m_{012}^{(00)}m_{121}^{(20)} + 4m_{101}^{(11)}m_{012}^{(00)}m_{112}^{(10)}\\
&+4m_{101}^{(11)}m_{012}^{(10)}m_{301}^{(21)} - 4m_{101}^{(11)}m_{012}^{(10)}m_{112}^{(00)} - 2m_{101}^{(11)}m_{012}^{(11)}m_{301}^{(20)} + 2m_{101}^{(11)}m_{012}^{(11)}m_{202}^{(00)}\\
&+2m_{101}^{(11)}m_{012}^{(20)}m_{301}^{(11)} - 2m_{101}^{(11)}m_{012}^{(20)}m_{121}^{(00)} - 4m_{101}^{(11)}m_{012}^{(21)}m_{301}^{(10)} + 4m_{101}^{(11)}m_{012}^{(21)}m_{211}^{(00)}\\
&+2m_{101}^{(11)}m_{003}^{(00)}m_{211}^{(11)} - 2m_{101}^{(11)}m_{003}^{(00)}m_{121}^{(10)} - 2m_{101}^{(11)}m_{003}^{(10)}m_{301}^{(11)} + 2m_{101}^{(11)}m_{003}^{(10)}m_{121}^{(00)}\\
&+2m_{101}^{(11)}m_{003}^{(11)}m_{301}^{(10)} - 2m_{101}^{(11)}m_{003}^{(11)}m_{211}^{(00)} + 2m_{101}^{(20)}m_{300}^{(11)}m_{031}^{(22)} - 2m_{101}^{(20)}m_{300}^{(11)}m_{022}^{(21)}\\
&-2m_{101}^{(20)}m_{300}^{(21)}m_{040}^{(22)} + 2m_{101}^{(20)}m_{300}^{(21)}m_{022}^{(11)} + 2m_{101}^{(20)}m_{300}^{(22)}m_{040}^{(21)} - 2m_{101}^{(20)}m_{300}^{(22)}m_{031}^{(11)}\\
&-4m_{101}^{(20)}m_{210}^{(10)}m_{031}^{(22)} + 4m_{101}^{(20)}m_{210}^{(10)}m_{022}^{(21)} - 2m_{101}^{(20)}m_{210}^{(11)}m_{121}^{(22)} + 2m_{101}^{(20)}m_{210}^{(11)}m_{022}^{(20)}\\
&+2m_{101}^{(20)}m_{210}^{(20)}m_{040}^{(22)} - 2m_{101}^{(20)}m_{210}^{(20)}m_{022}^{(11)} + 4m_{101}^{(20)}m_{210}^{(21)}m_{130}^{(22)} - 4m_{101}^{(20)}m_{210}^{(21)}m_{022}^{(10)}\\
&-4m_{101}^{(20)}m_{210}^{(22)}m_{130}^{(21)} + 2m_{101}^{(20)}m_{210}^{(22)}m_{121}^{(11)} - 2m_{101}^{(20)}m_{210}^{(22)}m_{040}^{(20)} + 4m_{101}^{(20)}m_{210}^{(22)}m_{031}^{(10)}\\
&+2m_{101}^{(20)}m_{201}^{(10)}m_{040}^{(22)} - 2m_{101}^{(20)}m_{201}^{(10)}m_{022}^{(11)} - 2m_{101}^{(20)}m_{201}^{(11)}m_{130}^{(22)} + 4m_{101}^{(20)}m_{201}^{(11)}m_{121}^{(21)}\\
&-4m_{101}^{(20)}m_{201}^{(11)}m_{031}^{(20)} + 2m_{101}^{(20)}m_{201}^{(11)}m_{022}^{(10)} - 4m_{101}^{(20)}m_{201}^{(20)}m_{040}^{(21)} + 4m_{101}^{(20)}m_{201}^{(20)}m_{031}^{(11)}\\
&-4m_{101}^{(20)}m_{201}^{(21)}m_{121}^{(11)} + 4m_{101}^{(20)}m_{201}^{(21)}m_{040}^{(20)} + 2m_{101}^{(20)}m_{201}^{(22)}m_{130}^{(11)} - 2m_{101}^{(20)}m_{201}^{(22)}m_{040}^{(10)}
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&+2m_{101}^{(20)}m_{120}^{(00)}m_{031}^{(22)} - 2m_{101}^{(20)}m_{120}^{(00)}m_{022}^{(21)} + 4m_{101}^{(20)}m_{120}^{(10)}m_{121}^{(22)} - 4m_{101}^{(20)}m_{120}^{(10)}m_{022}^{(20)}\\
&-4m_{101}^{(20)}m_{120}^{(20)}m_{130}^{(22)} + 4m_{101}^{(20)}m_{120}^{(20)}m_{022}^{(10)} - 2m_{101}^{(20)}m_{120}^{(21)}m_{220}^{(22)} + 2m_{101}^{(20)}m_{120}^{(21)}m_{022}^{(00)}\\
&+2m_{101}^{(20)}m_{120}^{(22)}m_{220}^{(21)} + 4m_{101}^{(20)}m_{120}^{(22)}m_{130}^{(20)} - 4m_{101}^{(20)}m_{120}^{(22)}m_{121}^{(10)} - 2m_{101}^{(20)}m_{120}^{(22)}m_{031}^{(00)}\\
&-2m_{101}^{(20)}m_{111}^{(00)}m_{040}^{(22)} + 2m_{101}^{(20)}m_{111}^{(00)}m_{022}^{(11)} - 8m_{101}^{(20)}m_{111}^{(10)}m_{121}^{(21)} + 8m_{101}^{(20)}m_{111}^{(10)}m_{031}^{(20)}\\
&+2m_{101}^{(20)}m_{111}^{(11)}m_{220}^{(22)} - 2m_{101}^{(20)}m_{111}^{(11)}m_{022}^{(00)} + 8m_{101}^{(20)}m_{111}^{(20)}m_{130}^{(21)} - 8m_{101}^{(20)}m_{111}^{(20)}m_{031}^{(10)}\\
&-8m_{101}^{(20)}m_{111}^{(21)}m_{130}^{(20)} + 8m_{101}^{(20)}m_{111}^{(21)}m_{121}^{(10)} - 2m_{101}^{(20)}m_{111}^{(22)}m_{220}^{(11)} + 2m_{101}^{(20)}m_{111}^{(22)}m_{040}^{(00)}\\
&+2m_{101}^{(20)}m_{102}^{(00)}m_{040}^{(21)} - 2m_{101}^{(20)}m_{102}^{(00)}m_{031}^{(11)} + 4m_{101}^{(20)}m_{102}^{(10)}m_{121}^{(11)} - 4m_{101}^{(20)}m_{102}^{(10)}m_{040}^{(20)}\\
&-2m_{101}^{(20)}m_{102}^{(11)}m_{220}^{(21)} + 4m_{101}^{(20)}m_{102}^{(11)}m_{130}^{(20)} - 4m_{101}^{(20)}m_{102}^{(11)}m_{121}^{(10)} + 2m_{101}^{(20)}m_{102}^{(11)}m_{031}^{(00)}\\
&-4m_{101}^{(20)}m_{102}^{(20)}m_{130}^{(11)} + 4m_{101}^{(20)}m_{102}^{(20)}m_{040}^{(10)} + 2m_{101}^{(20)}m_{102}^{(21)}m_{220}^{(11)} - 2m_{101}^{(20)}m_{102}^{(21)}m_{040}^{(00)}\\
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&-2m_{101}^{(20)}m_{030}^{(22)}m_{220}^{(20)} + 2m_{101}^{(20)}m_{030}^{(22)}m_{121}^{(00)} + 2m_{101}^{(20)}m_{021}^{(00)}m_{130}^{(22)} + 4m_{101}^{(20)}m_{021}^{(00)}m_{121}^{(21)}\\
&-4m_{101}^{(20)}m_{021}^{(00)}m_{031}^{(20)} - 2m_{101}^{(20)}m_{021}^{(00)}m_{022}^{(10)} - 2m_{101}^{(20)}m_{021}^{(10)}m_{220}^{(22)} + 2m_{101}^{(20)}m_{021}^{(10)}m_{022}^{(00)}\\
&-4m_{101}^{(20)}m_{021}^{(20)}m_{220}^{(21)} + 4m_{101}^{(20)}m_{021}^{(20)}m_{031}^{(00)} + 4m_{101}^{(20)}m_{021}^{(21)}m_{220}^{(20)} - 4m_{101}^{(20)}m_{021}^{(21)}m_{121}^{(00)}\\
&+2m_{101}^{(20)}m_{021}^{(22)}m_{220}^{(10)} - 2m_{101}^{(20)}m_{021}^{(22)}m_{130}^{(00)} - 4m_{101}^{(20)}m_{012}^{(00)}m_{130}^{(21)} - 2m_{101}^{(20)}m_{012}^{(00)}m_{121}^{(11)}\\
&+2m_{101}^{(20)}m_{012}^{(00)}m_{040}^{(20)} + 4m_{101}^{(20)}m_{012}^{(00)}m_{031}^{(10)} + 4m_{101}^{(20)}m_{012}^{(10)}m_{220}^{(21)} - 4m_{101}^{(20)}m_{012}^{(10)}m_{031}^{(00)}\\
&-2m_{101}^{(20)}m_{012}^{(11)}m_{220}^{(20)} + 2m_{101}^{(20)}m_{012}^{(11)}m_{121}^{(00)} + 2m_{101}^{(20)}m_{012}^{(20)}m_{220}^{(11)} - 2m_{101}^{(20)}m_{012}^{(20)}m_{040}^{(00)}\\
&-4m_{101}^{(20)}m_{012}^{(21)}m_{220}^{(10)} + 4m_{101}^{(20)}m_{012}^{(21)}m_{130}^{(00)} + 2m_{101}^{(20)}m_{003}^{(00)}m_{130}^{(11)} - 2m_{101}^{(20)}m_{003}^{(00)}m_{040}^{(10)}\\
&-2m_{101}^{(20)}m_{003}^{(10)}m_{220}^{(11)} + 2m_{101}^{(20)}m_{003}^{(10)}m_{040}^{(00)} + 2m_{101}^{(20)}m_{003}^{(11)}m_{220}^{(10)} - 2m_{101}^{(20)}m_{003}^{(11)}m_{130}^{(00)}\\
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&-2m_{101}^{(21)}m_{300}^{(22)}m_{130}^{(21)} + 2m_{101}^{(21)}m_{300}^{(22)}m_{121}^{(11)} + 4m_{101}^{(21)}m_{210}^{(10)}m_{121}^{(22)} - 4m_{101}^{(21)}m_{210}^{(10)}m_{112}^{(21)}\\
&+2m_{101}^{(21)}m_{210}^{(11)}m_{211}^{(22)} - 2m_{101}^{(21)}m_{210}^{(11)}m_{112}^{(20)} - 2m_{101}^{(21)}m_{210}^{(20)}m_{130}^{(22)} + 2m_{101}^{(21)}m_{210}^{(20)}m_{112}^{(11)}\\
&-4m_{101}^{(21)}m_{210}^{(21)}m_{220}^{(22)} + 4m_{101}^{(21)}m_{210}^{(21)}m_{112}^{(10)} + 4m_{101}^{(21)}m_{210}^{(22)}m_{220}^{(21)} - 2m_{101}^{(21)}m_{210}^{(22)}m_{211}^{(11)}\\
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&+4m_{101}^{(21)}m_{201}^{(20)}m_{130}^{(21)} - 4m_{101}^{(21)}m_{201}^{(20)}m_{121}^{(11)} + 4m_{101}^{(21)}m_{201}^{(21)}m_{211}^{(11)} - 4m_{101}^{(21)}m_{201}^{(21)}m_{130}^{(20)}\\
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&-4m_{101}^{(21)}m_{120}^{(10)}m_{211}^{(22)} + 4m_{101}^{(21)}m_{120}^{(10)}m_{112}^{(20)} + 4m_{101}^{(21)}m_{120}^{(20)}m_{220}^{(22)} - 4m_{101}^{(21)}m_{120}^{(20)}m_{112}^{(10)}\\
&+2m_{101}^{(21)}m_{120}^{(21)}m_{310}^{(22)} - 2m_{101}^{(21)}m_{120}^{(21)}m_{112}^{(00)} - 2m_{101}^{(21)}m_{120}^{(22)}m_{310}^{(21)} - 4m_{101}^{(21)}m_{120}^{(22)}m_{220}^{(20)}\\
&+4m_{101}^{(21)}m_{120}^{(22)}m_{211}^{(10)} + 2m_{101}^{(21)}m_{120}^{(22)}m_{121}^{(00)} + 2m_{101}^{(21)}m_{111}^{(00)}m_{130}^{(22)} - 2m_{101}^{(21)}m_{111}^{(00)}m_{112}^{(11)}\\
&+8m_{101}^{(21)}m_{111}^{(10)}m_{211}^{(21)} - 8m_{101}^{(21)}m_{111}^{(10)}m_{121}^{(20)} - 2m_{101}^{(21)}m_{111}^{(11)}m_{310}^{(22)} + 2m_{101}^{(21)}m_{111}^{(11)}m_{112}^{(00)}\\
&-8m_{101}^{(21)}m_{111}^{(20)}m_{220}^{(21)} + 8m_{101}^{(21)}m_{111}^{(20)}m_{121}^{(10)} + 8m_{101}^{(21)}m_{111}^{(21)}m_{220}^{(20)} - 8m_{101}^{(21)}m_{111}^{(21)}m_{211}^{(10)}\\
&+2m_{101}^{(21)}m_{111}^{(22)}m_{310}^{(11)} - 2m_{101}^{(21)}m_{111}^{(22)}m_{130}^{(00)} - 2m_{101}^{(21)}m_{102}^{(00)}m_{130}^{(21)} + 2m_{101}^{(21)}m_{102}^{(00)}m_{121}^{(11)}\\
&-4m_{101}^{(21)}m_{102}^{(10)}m_{211}^{(11)} + 4m_{101}^{(21)}m_{102}^{(10)}m_{130}^{(20)} + 2m_{101}^{(21)}m_{102}^{(11)}m_{310}^{(21)} - 4m_{101}^{(21)}m_{102}^{(11)}m_{220}^{(20)}\\
&+4m_{101}^{(21)}m_{102}^{(11)}m_{211}^{(10)} - 2m_{101}^{(21)}m_{102}^{(11)}m_{121}^{(00)} + 4m_{101}^{(21)}m_{102}^{(20)}m_{220}^{(11)} - 4m_{101}^{(21)}m_{102}^{(20)}m_{130}^{(10)}\\
&-2m_{101}^{(21)}m_{102}^{(21)}m_{310}^{(11)} + 2m_{101}^{(21)}m_{102}^{(21)}m_{130}^{(00)} + 2m_{101}^{(21)}m_{030}^{(00)}m_{211}^{(22)} - 2m_{101}^{(21)}m_{030}^{(00)}m_{112}^{(20)}\\
&-2m_{101}^{(21)}m_{030}^{(20)}m_{310}^{(22)} + 2m_{101}^{(21)}m_{030}^{(20)}m_{112}^{(00)} + 2m_{101}^{(21)}m_{030}^{(22)}m_{310}^{(20)} - 2m_{101}^{(21)}m_{030}^{(22)}m_{211}^{(00)}\\
&-2m_{101}^{(21)}m_{021}^{(00)}m_{220}^{(22)} - 4m_{101}^{(21)}m_{021}^{(00)}m_{211}^{(21)} + 4m_{101}^{(21)}m_{021}^{(00)}m_{121}^{(20)} + 2m_{101}^{(21)}m_{021}^{(00)}m_{112}^{(10)}\\
&+2m_{101}^{(21)}m_{021}^{(10)}m_{310}^{(22)} - 2m_{101}^{(21)}m_{021}^{(10)}m_{112}^{(00)} + 4m_{101}^{(21)}m_{021}^{(20)}m_{310}^{(21)} - 4m_{101}^{(21)}m_{021}^{(20)}m_{121}^{(00)}
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&-4m_{101}^{(21)}m_{021}^{(21)}m_{310}^{(20)} + 4m_{101}^{(21)}m_{021}^{(21)}m_{211}^{(00)} - 2m_{101}^{(21)}m_{021}^{(22)}m_{310}^{(10)} + 2m_{101}^{(21)}m_{021}^{(22)}m_{220}^{(00)}\\
&+4m_{101}^{(21)}m_{012}^{(00)}m_{220}^{(21)} + 2m_{101}^{(21)}m_{012}^{(00)}m_{211}^{(11)} - 2m_{101}^{(21)}m_{012}^{(00)}m_{130}^{(20)} - 4m_{101}^{(21)}m_{012}^{(00)}m_{121}^{(10)}\\
&-4m_{101}^{(21)}m_{012}^{(10)}m_{310}^{(21)} + 4m_{101}^{(21)}m_{012}^{(10)}m_{121}^{(00)} + 2m_{101}^{(21)}m_{012}^{(11)}m_{310}^{(20)} - 2m_{101}^{(21)}m_{012}^{(11)}m_{211}^{(00)}\\
&-2m_{101}^{(21)}m_{012}^{(20)}m_{310}^{(11)} + 2m_{101}^{(21)}m_{012}^{(20)}m_{130}^{(00)} + 4m_{101}^{(21)}m_{012}^{(21)}m_{310}^{(10)} - 4m_{101}^{(21)}m_{012}^{(21)}m_{220}^{(00)}\\
&-2m_{101}^{(21)}m_{003}^{(00)}m_{220}^{(11)} + 2m_{101}^{(21)}m_{003}^{(00)}m_{130}^{(10)} + 2m_{101}^{(21)}m_{003}^{(10)}m_{310}^{(11)} - 2m_{101}^{(21)}m_{003}^{(10)}m_{130}^{(00)}\\
&-2m_{101}^{(21)}m_{003}^{(11)}m_{310}^{(10)} + 2m_{101}^{(21)}m_{003}^{(11)}m_{220}^{(00)} - m_{020}^{(00)}m_{300}^{(11)}m_{013}^{(22)} + m_{020}^{(00)}m_{300}^{(11)}m_{004}^{(21)}\\
&+m_{020}^{(00)}m_{300}^{(21)}m_{022}^{(22)} - m_{020}^{(00)}m_{300}^{(21)}m_{004}^{(11)} - m_{020}^{(00)}m_{300}^{(22)}m_{022}^{(21)} + m_{020}^{(00)}m_{300}^{(22)}m_{013}^{(11)}\\
&+2m_{020}^{(00)}m_{210}^{(10)}m_{013}^{(22)} - 2m_{020}^{(00)}m_{210}^{(10)}m_{004}^{(21)} + m_{020}^{(00)}m_{210}^{(11)}m_{103}^{(22)} - m_{020}^{(00)}m_{210}^{(11)}m_{004}^{(20)}\\
&-m_{020}^{(00)}m_{210}^{(20)}m_{022}^{(22)} + m_{020}^{(00)}m_{210}^{(20)}m_{004}^{(11)} - 2m_{020}^{(00)}m_{210}^{(21)}m_{112}^{(22)} + 2m_{020}^{(00)}m_{210}^{(21)}m_{004}^{(10)}\\
&+2m_{020}^{(00)}m_{210}^{(22)}m_{112}^{(21)} - m_{020}^{(00)}m_{210}^{(22)}m_{103}^{(11)} + m_{020}^{(00)}m_{210}^{(22)}m_{022}^{(20)} - 2m_{020}^{(00)}m_{210}^{(22)}m_{013}^{(10)}\\
&-m_{020}^{(00)}m_{201}^{(10)}m_{022}^{(22)} + m_{020}^{(00)}m_{201}^{(10)}m_{004}^{(11)} + m_{020}^{(00)}m_{201}^{(11)}m_{112}^{(22)} - 2m_{020}^{(00)}m_{201}^{(11)}m_{103}^{(21)}\\
&+2m_{020}^{(00)}m_{201}^{(11)}m_{013}^{(20)} - m_{020}^{(00)}m_{201}^{(11)}m_{004}^{(10)} + 2m_{020}^{(00)}m_{201}^{(20)}m_{022}^{(21)} - 2m_{020}^{(00)}m_{201}^{(20)}m_{013}^{(11)}\\
&+2m_{020}^{(00)}m_{201}^{(21)}m_{103}^{(11)} - 2m_{020}^{(00)}m_{201}^{(21)}m_{022}^{(20)} - m_{020}^{(00)}m_{201}^{(22)}m_{112}^{(11)} + m_{020}^{(00)}m_{201}^{(22)}m_{022}^{(10)}\\
&-m_{020}^{(00)}m_{120}^{(00)}m_{013}^{(22)} + m_{020}^{(00)}m_{120}^{(00)}m_{004}^{(21)} - 2m_{020}^{(00)}m_{120}^{(10)}m_{103}^{(22)} + 2m_{020}^{(00)}m_{120}^{(10)}m_{004}^{(20)}\\
&+2m_{020}^{(00)}m_{120}^{(20)}m_{112}^{(22)} - 2m_{020}^{(00)}m_{120}^{(20)}m_{004}^{(10)} + m_{020}^{(00)}m_{120}^{(21)}m_{202}^{(22)} - m_{020}^{(00)}m_{120}^{(21)}m_{004}^{(00)}\\
&-m_{020}^{(00)}m_{120}^{(22)}m_{202}^{(21)} - 2m_{020}^{(00)}m_{120}^{(22)}m_{112}^{(20)} + 2m_{020}^{(00)}m_{120}^{(22)}m_{103}^{(10)} + m_{020}^{(00)}m_{120}^{(22)}m_{013}^{(00)}\\
&+m_{020}^{(00)}m_{111}^{(00)}m_{022}^{(22)} - m_{020}^{(00)}m_{111}^{(00)}m_{004}^{(11)} + 4m_{020}^{(00)}m_{111}^{(10)}m_{103}^{(21)} - 4m_{020}^{(00)}m_{111}^{(10)}m_{013}^{(20)}\\
&-m_{020}^{(00)}m_{111}^{(11)}m_{202}^{(22)} + m_{020}^{(00)}m_{111}^{(11)}m_{004}^{(00)} - 4m_{020}^{(00)}m_{111}^{(20)}m_{112}^{(21)} + 4m_{020}^{(00)}m_{111}^{(20)}m_{013}^{(10)}\\
&+4m_{020}^{(00)}m_{111}^{(21)}m_{112}^{(20)} - 4m_{020}^{(00)}m_{111}^{(21)}m_{103}^{(10)} + m_{020}^{(00)}m_{111}^{(22)}m_{202}^{(11)} - m_{020}^{(00)}m_{111}^{(22)}m_{022}^{(00)}\\
&-m_{020}^{(00)}m_{102}^{(00)}m_{022}^{(21)} + m_{020}^{(00)}m_{102}^{(00)}m_{013}^{(11)} - 2m_{020}^{(00)}m_{102}^{(10)}m_{103}^{(11)} + 2m_{020}^{(00)}m_{102}^{(10)}m_{022}^{(20)}\\
&+m_{020}^{(00)}m_{102}^{(11)}m_{202}^{(21)} - 2m_{020}^{(00)}m_{102}^{(11)}m_{112}^{(20)} + 2m_{020}^{(00)}m_{102}^{(11)}m_{103}^{(10)} - m_{020}^{(00)}m_{102}^{(11)}m_{013}^{(00)}\\
&+2m_{020}^{(00)}m_{102}^{(20)}m_{112}^{(11)} - 2m_{020}^{(00)}m_{102}^{(20)}m_{022}^{(10)} - m_{020}^{(00)}m_{102}^{(21)}m_{202}^{(11)} + m_{020}^{(00)}m_{102}^{(21)}m_{022}^{(00)}\\
&+m_{020}^{(00)}m_{030}^{(00)}m_{103}^{(22)} - m_{020}^{(00)}m_{030}^{(00)}m_{004}^{(20)} - m_{020}^{(00)}m_{030}^{(20)}m_{202}^{(22)} + m_{020}^{(00)}m_{030}^{(20)}m_{004}^{(00)}\\
&+m_{020}^{(00)}m_{030}^{(22)}m_{202}^{(20)} - m_{020}^{(00)}m_{030}^{(22)}m_{103}^{(00)} - m_{020}^{(00)}m_{021}^{(00)}m_{112}^{(22)} - 2m_{020}^{(00)}m_{021}^{(00)}m_{103}^{(21)}\\
&+2m_{020}^{(00)}m_{021}^{(00)}m_{013}^{(20)} + m_{020}^{(00)}m_{021}^{(00)}m_{004}^{(10)} + m_{020}^{(00)}m_{021}^{(10)}m_{202}^{(22)} - m_{020}^{(00)}m_{021}^{(10)}m_{004}^{(00)}\\
&+2m_{020}^{(00)}m_{021}^{(20)}m_{202}^{(21)} - 2m_{020}^{(00)}m_{021}^{(20)}m_{013}^{(00)} - 2m_{020}^{(00)}m_{021}^{(21)}m_{202}^{(20)} + 2m_{020}^{(00)}m_{021}^{(21)}m_{103}^{(00)}\\
&-m_{020}^{(00)}m_{021}^{(22)}m_{202}^{(10)} + m_{020}^{(00)}m_{021}^{(22)}m_{112}^{(00)} + 2m_{020}^{(00)}m_{012}^{(00)}m_{112}^{(21)} + m_{020}^{(00)}m_{012}^{(00)}m_{103}^{(11)}\\
&-m_{020}^{(00)}m_{012}^{(00)}m_{022}^{(20)} - 2m_{020}^{(00)}m_{012}^{(00)}m_{013}^{(10)} - 2m_{020}^{(00)}m_{012}^{(10)}m_{202}^{(21)} + 2m_{020}^{(00)}m_{012}^{(10)}m_{013}^{(00)}\\
&+m_{020}^{(00)}m_{012}^{(11)}m_{202}^{(20)} - m_{020}^{(00)}m_{012}^{(11)}m_{103}^{(00)} - m_{020}^{(00)}m_{012}^{(20)}m_{202}^{(11)} + m_{020}^{(00)}m_{012}^{(20)}m_{022}^{(00)}\\
&+2m_{020}^{(00)}m_{012}^{(21)}m_{202}^{(10)} - 2m_{020}^{(00)}m_{012}^{(21)}m_{112}^{(00)} - m_{020}^{(00)}m_{003}^{(00)}m_{112}^{(11)} + m_{020}^{(00)}m_{003}^{(00)}m_{022}^{(10)}\\
&+m_{020}^{(00)}m_{003}^{(10)}m_{202}^{(11)} - m_{020}^{(00)}m_{003}^{(10)}m_{022}^{(00)} - m_{020}^{(00)}m_{003}^{(11)}m_{202}^{(10)} + m_{020}^{(00)}m_{003}^{(11)}m_{112}^{(00)}\\
&+2m_{020}^{(20)}m_{300}^{(11)}m_{112}^{(22)} - 2m_{020}^{(20)}m_{300}^{(11)}m_{103}^{(21)} - 2m_{020}^{(20)}m_{300}^{(21)}m_{121}^{(22)} + 2m_{020}^{(20)}m_{300}^{(21)}m_{103}^{(11)}\\
&+2m_{020}^{(20)}m_{300}^{(22)}m_{121}^{(21)} - 2m_{020}^{(20)}m_{300}^{(22)}m_{112}^{(11)} - 4m_{020}^{(20)}m_{210}^{(10)}m_{112}^{(22)} + 4m_{020}^{(20)}m_{210}^{(10)}m_{103}^{(21)}\\
&-2m_{020}^{(20)}m_{210}^{(11)}m_{202}^{(22)} + 2m_{020}^{(20)}m_{210}^{(11)}m_{103}^{(20)} + 2m_{020}^{(20)}m_{210}^{(20)}m_{121}^{(22)} - 2m_{020}^{(20)}m_{210}^{(20)}m_{103}^{(11)}\\
&+4m_{020}^{(20)}m_{210}^{(21)}m_{211}^{(22)} - 4m_{020}^{(20)}m_{210}^{(21)}m_{103}^{(10)} - 4m_{020}^{(20)}m_{210}^{(22)}m_{211}^{(21)} + 2m_{020}^{(20)}m_{210}^{(22)}m_{202}^{(11)}\\
&-2m_{020}^{(20)}m_{210}^{(22)}m_{121}^{(20)} + 4m_{020}^{(20)}m_{210}^{(22)}m_{112}^{(10)} + 2m_{020}^{(20)}m_{201}^{(10)}m_{121}^{(22)} - 2m_{020}^{(20)}m_{201}^{(10)}m_{103}^{(11)}\\
&-2m_{020}^{(20)}m_{201}^{(11)}m_{211}^{(22)} + 4m_{020}^{(20)}m_{201}^{(11)}m_{202}^{(21)} - 4m_{020}^{(20)}m_{201}^{(11)}m_{112}^{(20)} + 2m_{020}^{(20)}m_{201}^{(11)}m_{103}^{(10)}\\
&-4m_{020}^{(20)}m_{201}^{(20)}m_{121}^{(21)} + 4m_{020}^{(20)}m_{201}^{(20)}m_{112}^{(11)} - 4m_{020}^{(20)}m_{201}^{(21)}m_{202}^{(11)} + 4m_{020}^{(20)}m_{201}^{(21)}m_{121}^{(20)}
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&+2m_{020}^{(20)}m_{201}^{(22)}m_{211}^{(11)} - 2m_{020}^{(20)}m_{201}^{(22)}m_{121}^{(10)} + 2m_{020}^{(20)}m_{120}^{(00)}m_{112}^{(22)} - 2m_{020}^{(20)}m_{120}^{(00)}m_{103}^{(21)}\\
&+4m_{020}^{(20)}m_{120}^{(10)}m_{202}^{(22)} - 4m_{020}^{(20)}m_{120}^{(10)}m_{103}^{(20)} - 4m_{020}^{(20)}m_{120}^{(20)}m_{211}^{(22)} + 4m_{020}^{(20)}m_{120}^{(20)}m_{103}^{(10)}\\
&-2m_{020}^{(20)}m_{120}^{(21)}m_{301}^{(22)} + 2m_{020}^{(20)}m_{120}^{(21)}m_{103}^{(00)} + 2m_{020}^{(20)}m_{120}^{(22)}m_{301}^{(21)} + 4m_{020}^{(20)}m_{120}^{(22)}m_{211}^{(20)}\\
&-4m_{020}^{(20)}m_{120}^{(22)}m_{202}^{(10)} - 2m_{020}^{(20)}m_{120}^{(22)}m_{112}^{(00)} - 2m_{020}^{(20)}m_{111}^{(00)}m_{121}^{(22)} + 2m_{020}^{(20)}m_{111}^{(00)}m_{103}^{(11)}\\
&-8m_{020}^{(20)}m_{111}^{(10)}m_{202}^{(21)} + 8m_{020}^{(20)}m_{111}^{(10)}m_{112}^{(20)} + 2m_{020}^{(20)}m_{111}^{(11)}m_{301}^{(22)} - 2m_{020}^{(20)}m_{111}^{(11)}m_{103}^{(00)}\\
&+8m_{020}^{(20)}m_{111}^{(20)}m_{211}^{(21)} - 8m_{020}^{(20)}m_{111}^{(20)}m_{112}^{(10)} - 8m_{020}^{(20)}m_{111}^{(21)}m_{211}^{(20)} + 8m_{020}^{(20)}m_{111}^{(21)}m_{202}^{(10)}\\
&-2m_{020}^{(20)}m_{111}^{(22)}m_{301}^{(11)} + 2m_{020}^{(20)}m_{111}^{(22)}m_{121}^{(00)} + 2m_{020}^{(20)}m_{102}^{(00)}m_{121}^{(21)} - 2m_{020}^{(20)}m_{102}^{(00)}m_{112}^{(11)}\\
&+4m_{020}^{(20)}m_{102}^{(10)}m_{202}^{(11)} - 4m_{020}^{(20)}m_{102}^{(10)}m_{121}^{(20)} - 2m_{020}^{(20)}m_{102}^{(11)}m_{301}^{(21)} + 4m_{020}^{(20)}m_{102}^{(11)}m_{211}^{(20)}\\
&-4m_{020}^{(20)}m_{102}^{(11)}m_{202}^{(10)} + 2m_{020}^{(20)}m_{102}^{(11)}m_{112}^{(00)} - 4m_{020}^{(20)}m_{102}^{(20)}m_{211}^{(11)} + 4m_{020}^{(20)}m_{102}^{(20)}m_{121}^{(10)}\\
&+2m_{020}^{(20)}m_{102}^{(21)}m_{301}^{(11)} - 2m_{020}^{(20)}m_{102}^{(21)}m_{121}^{(00)} - 2m_{020}^{(20)}m_{030}^{(00)}m_{202}^{(22)} + 2m_{020}^{(20)}m_{030}^{(00)}m_{103}^{(20)}\\
&+2m_{020}^{(20)}m_{030}^{(20)}m_{301}^{(22)} - 2m_{020}^{(20)}m_{030}^{(20)}m_{103}^{(00)} - 2m_{020}^{(20)}m_{030}^{(22)}m_{301}^{(20)} + 2m_{020}^{(20)}m_{030}^{(22)}m_{202}^{(00)}\\
&+2m_{020}^{(20)}m_{021}^{(00)}m_{211}^{(22)} + 4m_{020}^{(20)}m_{021}^{(00)}m_{202}^{(21)} - 4m_{020}^{(20)}m_{021}^{(00)}m_{112}^{(20)} - 2m_{020}^{(20)}m_{021}^{(00)}m_{103}^{(10)}\\
&-2m_{020}^{(20)}m_{021}^{(10)}m_{301}^{(22)} + 2m_{020}^{(20)}m_{021}^{(10)}m_{103}^{(00)} - 4m_{020}^{(20)}m_{021}^{(20)}m_{301}^{(21)} + 4m_{020}^{(20)}m_{021}^{(20)}m_{112}^{(00)}\\
&+4m_{020}^{(20)}m_{021}^{(21)}m_{301}^{(20)} - 4m_{020}^{(20)}m_{021}^{(21)}m_{202}^{(00)} + 2m_{020}^{(20)}m_{021}^{(22)}m_{301}^{(10)} - 2m_{020}^{(20)}m_{021}^{(22)}m_{211}^{(00)}\\
&-4m_{020}^{(20)}m_{012}^{(00)}m_{211}^{(21)} - 2m_{020}^{(20)}m_{012}^{(00)}m_{202}^{(11)} + 2m_{020}^{(20)}m_{012}^{(00)}m_{121}^{(20)} + 4m_{020}^{(20)}m_{012}^{(00)}m_{112}^{(10)}\\
&+4m_{020}^{(20)}m_{012}^{(10)}m_{301}^{(21)} - 4m_{020}^{(20)}m_{012}^{(10)}m_{112}^{(00)} - 2m_{020}^{(20)}m_{012}^{(11)}m_{301}^{(20)} + 2m_{020}^{(20)}m_{012}^{(11)}m_{202}^{(00)}\\
&+2m_{020}^{(20)}m_{012}^{(20)}m_{301}^{(11)} - 2m_{020}^{(20)}m_{012}^{(20)}m_{121}^{(00)} - 4m_{020}^{(20)}m_{012}^{(21)}m_{301}^{(10)} + 4m_{020}^{(20)}m_{012}^{(21)}m_{211}^{(00)}\\
&+2m_{020}^{(20)}m_{003}^{(00)}m_{211}^{(11)} - 2m_{020}^{(20)}m_{003}^{(00)}m_{121}^{(10)} - 2m_{020}^{(20)}m_{003}^{(10)}m_{301}^{(11)} + 2m_{020}^{(20)}m_{003}^{(10)}m_{121}^{(00)}\\
&+2m_{020}^{(20)}m_{003}^{(11)}m_{301}^{(10)} - 2m_{020}^{(20)}m_{003}^{(11)}m_{211}^{(00)} - m_{020}^{(22)}m_{300}^{(11)}m_{211}^{(22)} + m_{020}^{(22)}m_{300}^{(11)}m_{202}^{(21)}\\
&+m_{020}^{(22)}m_{300}^{(21)}m_{202}^{(22)} - m_{020}^{(22)}m_{300}^{(21)}m_{202}^{(11)} - m_{020}^{(22)}m_{300}^{(22)}m_{220}^{(21)} + m_{020}^{(22)}m_{300}^{(22)}m_{211}^{(11)}\\
&+2m_{020}^{(22)}m_{210}^{(10)}m_{211}^{(22)} - 2m_{020}^{(22)}m_{210}^{(10)}m_{202}^{(21)} + m_{020}^{(22)}m_{210}^{(11)}m_{301}^{(22)} - m_{020}^{(22)}m_{210}^{(11)}m_{202}^{(20)}\\
&-m_{020}^{(22)}m_{210}^{(20)}m_{220}^{(22)} + m_{020}^{(22)}m_{210}^{(20)}m_{202}^{(11)} - 2m_{020}^{(22)}m_{210}^{(21)}m_{310}^{(22)} + 2m_{020}^{(22)}m_{210}^{(21)}m_{202}^{(10)}\\
&+2m_{020}^{(22)}m_{210}^{(22)}m_{310}^{(21)} - m_{020}^{(22)}m_{210}^{(22)}m_{301}^{(11)} + m_{020}^{(22)}m_{210}^{(22)}m_{220}^{(20)} - 2m_{020}^{(22)}m_{210}^{(22)}m_{211}^{(10)}\\
&-m_{020}^{(22)}m_{201}^{(10)}m_{220}^{(22)} + m_{020}^{(22)}m_{201}^{(10)}m_{202}^{(11)} + m_{020}^{(22)}m_{201}^{(11)}m_{310}^{(22)} - 2m_{020}^{(22)}m_{201}^{(11)}m_{301}^{(21)}\\
&+2m_{020}^{(22)}m_{201}^{(11)}m_{211}^{(20)} - m_{020}^{(22)}m_{201}^{(11)}m_{202}^{(10)} + 2m_{020}^{(22)}m_{201}^{(20)}m_{220}^{(21)} - 2m_{020}^{(22)}m_{201}^{(20)}m_{211}^{(11)}\\
&+2m_{020}^{(22)}m_{201}^{(21)}m_{301}^{(11)} - 2m_{020}^{(22)}m_{201}^{(21)}m_{220}^{(20)} - m_{020}^{(22)}m_{201}^{(22)}m_{310}^{(11)} + m_{020}^{(22)}m_{201}^{(22)}m_{220}^{(10)}\\
&-m_{020}^{(22)}m_{120}^{(00)}m_{211}^{(22)} + m_{020}^{(22)}m_{120}^{(00)}m_{202}^{(21)} - 2m_{020}^{(22)}m_{120}^{(10)}m_{301}^{(22)} + 2m_{020}^{(22)}m_{120}^{(10)}m_{202}^{(20)}\\
&+2m_{020}^{(22)}m_{120}^{(20)}m_{310}^{(22)} - 2m_{020}^{(22)}m_{120}^{(20)}m_{202}^{(10)} + m_{020}^{(22)}m_{120}^{(21)}m_{400}^{(22)} - m_{020}^{(22)}m_{120}^{(21)}m_{202}^{(00)}\\
&-m_{020}^{(22)}m_{120}^{(22)}m_{400}^{(21)} - 2m_{020}^{(22)}m_{120}^{(22)}m_{310}^{(20)} + 2m_{020}^{(22)}m_{120}^{(22)}m_{301}^{(10)} + m_{020}^{(22)}m_{120}^{(22)}m_{211}^{(00)}\\
&+m_{020}^{(22)}m_{111}^{(00)}m_{220}^{(22)} - m_{020}^{(22)}m_{111}^{(00)}m_{202}^{(11)} + 4m_{020}^{(22)}m_{111}^{(10)}m_{301}^{(21)} - 4m_{020}^{(22)}m_{111}^{(10)}m_{211}^{(20)}\\
&-m_{020}^{(22)}m_{111}^{(11)}m_{400}^{(22)} + m_{020}^{(22)}m_{111}^{(11)}m_{202}^{(00)} - 4m_{020}^{(22)}m_{111}^{(20)}m_{310}^{(21)} + 4m_{020}^{(22)}m_{111}^{(20)}m_{211}^{(10)}\\
&+4m_{020}^{(22)}m_{111}^{(21)}m_{310}^{(20)} - 4m_{020}^{(22)}m_{111}^{(21)}m_{301}^{(10)} + m_{020}^{(22)}m_{111}^{(22)}m_{400}^{(11)} - m_{020}^{(22)}m_{111}^{(22)}m_{220}^{(00)}\\
&-m_{020}^{(22)}m_{102}^{(00)}m_{220}^{(21)} + m_{020}^{(22)}m_{102}^{(00)}m_{211}^{(11)} - 2m_{020}^{(22)}m_{102}^{(10)}m_{301}^{(11)} + 2m_{020}^{(22)}m_{102}^{(10)}m_{220}^{(20)}\\
&+m_{020}^{(22)}m_{102}^{(11)}m_{400}^{(21)} - 2m_{020}^{(22)}m_{102}^{(11)}m_{310}^{(20)} + 2m_{020}^{(22)}m_{102}^{(11)}m_{301}^{(10)} - m_{020}^{(22)}m_{102}^{(11)}m_{211}^{(00)}\\
&+2m_{020}^{(22)}m_{102}^{(20)}m_{310}^{(11)} - 2m_{020}^{(22)}m_{102}^{(20)}m_{220}^{(10)} - m_{020}^{(22)}m_{102}^{(21)}m_{400}^{(11)} + m_{020}^{(22)}m_{102}^{(21)}m_{220}^{(00)}\\
&+m_{020}^{(22)}m_{030}^{(00)}m_{301}^{(22)} - m_{020}^{(22)}m_{030}^{(00)}m_{202}^{(20)} - m_{020}^{(22)}m_{030}^{(20)}m_{400}^{(22)} + m_{020}^{(22)}m_{030}^{(20)}m_{202}^{(00)}\\
&+m_{020}^{(22)}m_{030}^{(22)}m_{400}^{(20)} - m_{020}^{(22)}m_{030}^{(22)}m_{301}^{(00)} - m_{020}^{(22)}m_{021}^{(00)}m_{310}^{(22)} - 2m_{020}^{(22)}m_{021}^{(00)}m_{301}^{(21)}\\
&+2m_{020}^{(22)}m_{021}^{(00)}m_{211}^{(20)} + m_{020}^{(22)}m_{021}^{(00)}m_{202}^{(10)} + m_{020}^{(22)}m_{021}^{(10)}m_{400}^{(22)} - m_{020}^{(22)}m_{021}^{(10)}m_{202}^{(00)}
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&+2m_{020}^{(22)}m_{021}^{(20)}m_{400}^{(21)} - 2m_{020}^{(22)}m_{021}^{(20)}m_{211}^{(00)} - 2m_{020}^{(22)}m_{021}^{(21)}m_{400}^{(20)} + 2m_{020}^{(22)}m_{021}^{(21)}m_{301}^{(00)}\\
&-m_{020}^{(22)}m_{021}^{(22)}m_{400}^{(10)} + m_{020}^{(22)}m_{021}^{(22)}m_{310}^{(00)} + 2m_{020}^{(22)}m_{012}^{(00)}m_{310}^{(21)} + m_{020}^{(22)}m_{012}^{(00)}m_{301}^{(11)}\\
&-m_{020}^{(22)}m_{012}^{(00)}m_{220}^{(20)} - 2m_{020}^{(22)}m_{012}^{(00)}m_{211}^{(10)} - 2m_{020}^{(22)}m_{012}^{(10)}m_{400}^{(21)} + 2m_{020}^{(22)}m_{012}^{(10)}m_{211}^{(00)}\\
&+m_{020}^{(22)}m_{012}^{(11)}m_{400}^{(20)} - m_{020}^{(22)}m_{012}^{(11)}m_{301}^{(00)} - m_{020}^{(22)}m_{012}^{(20)}m_{400}^{(11)} + m_{020}^{(22)}m_{012}^{(20)}m_{220}^{(00)}\\
&+2m_{020}^{(22)}m_{012}^{(21)}m_{400}^{(10)} - 2m_{020}^{(22)}m_{012}^{(21)}m_{310}^{(00)} - m_{020}^{(22)}m_{003}^{(00)}m_{310}^{(11)} + m_{020}^{(22)}m_{003}^{(00)}m_{220}^{(10)}\\
&+m_{020}^{(22)}m_{003}^{(10)}m_{400}^{(11)} - m_{020}^{(22)}m_{003}^{(10)}m_{220}^{(00)} - m_{020}^{(22)}m_{003}^{(11)}m_{400}^{(10)} + m_{020}^{(22)}m_{003}^{(11)}m_{310}^{(00)}\\
&+2m_{011}^{(00)}m_{300}^{(11)}m_{022}^{(22)} - 2m_{011}^{(00)}m_{300}^{(11)}m_{013}^{(21)} - 2m_{011}^{(00)}m_{300}^{(21)}m_{031}^{(22)} + 2m_{011}^{(00)}m_{300}^{(21)}m_{013}^{(11)}\\
&+2m_{011}^{(00)}m_{300}^{(22)}m_{031}^{(21)} - 2m_{011}^{(00)}m_{300}^{(22)}m_{022}^{(11)} - 4m_{011}^{(00)}m_{210}^{(10)}m_{022}^{(22)} + 4m_{011}^{(00)}m_{210}^{(10)}m_{013}^{(21)}\\
&-2m_{011}^{(00)}m_{210}^{(11)}m_{112}^{(22)} + 2m_{011}^{(00)}m_{210}^{(11)}m_{013}^{(20)} + 2m_{011}^{(00)}m_{210}^{(20)}m_{031}^{(22)} - 2m_{011}^{(00)}m_{210}^{(20)}m_{013}^{(11)}\\
&+4m_{011}^{(00)}m_{210}^{(21)}m_{121}^{(22)} - 4m_{011}^{(00)}m_{210}^{(21)}m_{013}^{(10)} - 4m_{011}^{(00)}m_{210}^{(22)}m_{121}^{(21)} + 2m_{011}^{(00)}m_{210}^{(22)}m_{112}^{(11)}\\
&-2m_{011}^{(00)}m_{210}^{(22)}m_{031}^{(20)} + 4m_{011}^{(00)}m_{210}^{(22)}m_{022}^{(10)} + 2m_{011}^{(00)}m_{201}^{(10)}m_{031}^{(22)} - 2m_{011}^{(00)}m_{201}^{(10)}m_{013}^{(11)}\\
&-2m_{011}^{(00)}m_{201}^{(11)}m_{121}^{(22)} + 4m_{011}^{(00)}m_{201}^{(11)}m_{112}^{(21)} - 4m_{011}^{(00)}m_{201}^{(11)}m_{022}^{(20)} + 2m_{011}^{(00)}m_{201}^{(11)}m_{013}^{(10)}\\
&-4m_{011}^{(00)}m_{201}^{(20)}m_{031}^{(21)} + 4m_{011}^{(00)}m_{201}^{(20)}m_{022}^{(11)} - 4m_{011}^{(00)}m_{201}^{(21)}m_{112}^{(11)} + 4m_{011}^{(00)}m_{201}^{(21)}m_{031}^{(20)}\\
&+2m_{011}^{(00)}m_{201}^{(22)}m_{121}^{(11)} - 2m_{011}^{(00)}m_{201}^{(22)}m_{031}^{(10)} + 2m_{011}^{(00)}m_{120}^{(00)}m_{022}^{(22)} - 2m_{011}^{(00)}m_{120}^{(00)}m_{013}^{(21)}\\
&+4m_{011}^{(00)}m_{120}^{(10)}m_{112}^{(22)} - 4m_{011}^{(00)}m_{120}^{(10)}m_{013}^{(20)} - 4m_{011}^{(00)}m_{120}^{(20)}m_{121}^{(22)} + 4m_{011}^{(00)}m_{120}^{(20)}m_{013}^{(10)}\\
&-2m_{011}^{(00)}m_{120}^{(21)}m_{211}^{(22)} + 2m_{011}^{(00)}m_{120}^{(21)}m_{013}^{(00)} + 2m_{011}^{(00)}m_{120}^{(22)}m_{211}^{(21)} + 4m_{011}^{(00)}m_{120}^{(22)}m_{121}^{(20)}\\
&-4m_{011}^{(00)}m_{120}^{(22)}m_{112}^{(10)} - 2m_{011}^{(00)}m_{120}^{(22)}m_{022}^{(00)} - 2m_{011}^{(00)}m_{111}^{(00)}m_{031}^{(22)} + 2m_{011}^{(00)}m_{111}^{(00)}m_{013}^{(11)}\\
&-8m_{011}^{(00)}m_{111}^{(10)}m_{112}^{(21)} + 8m_{011}^{(00)}m_{111}^{(10)}m_{022}^{(20)} + 2m_{011}^{(00)}m_{111}^{(11)}m_{211}^{(22)} - 2m_{011}^{(00)}m_{111}^{(11)}m_{013}^{(00)}\\
&+8m_{011}^{(00)}m_{111}^{(20)}m_{121}^{(21)} - 8m_{011}^{(00)}m_{111}^{(20)}m_{022}^{(10)} - 8m_{011}^{(00)}m_{111}^{(21)}m_{121}^{(20)} + 8m_{011}^{(00)}m_{111}^{(21)}m_{112}^{(10)}\\
&-2m_{011}^{(00)}m_{111}^{(22)}m_{211}^{(11)} + 2m_{011}^{(00)}m_{111}^{(22)}m_{031}^{(00)} + 2m_{011}^{(00)}m_{102}^{(00)}m_{031}^{(21)} - 2m_{011}^{(00)}m_{102}^{(00)}m_{022}^{(11)}\\
&+4m_{011}^{(00)}m_{102}^{(10)}m_{112}^{(11)} - 4m_{011}^{(00)}m_{102}^{(10)}m_{031}^{(20)} - 2m_{011}^{(00)}m_{102}^{(11)}m_{211}^{(21)} + 4m_{011}^{(00)}m_{102}^{(11)}m_{121}^{(20)}\\
&-4m_{011}^{(00)}m_{102}^{(11)}m_{112}^{(10)} + 2m_{011}^{(00)}m_{102}^{(11)}m_{022}^{(00)} - 4m_{011}^{(00)}m_{102}^{(20)}m_{121}^{(11)} + 4m_{011}^{(00)}m_{102}^{(20)}m_{031}^{(10)}\\
&+2m_{011}^{(00)}m_{102}^{(21)}m_{211}^{(11)} - 2m_{011}^{(00)}m_{102}^{(21)}m_{031}^{(00)} - 2m_{011}^{(00)}m_{030}^{(00)}m_{112}^{(22)} + 2m_{011}^{(00)}m_{030}^{(00)}m_{013}^{(20)}\\
&+2m_{011}^{(00)}m_{030}^{(20)}m_{211}^{(22)} - 2m_{011}^{(00)}m_{030}^{(20)}m_{013}^{(00)} - 2m_{011}^{(00)}m_{030}^{(22)}m_{211}^{(20)} + 2m_{011}^{(00)}m_{030}^{(22)}m_{112}^{(00)}\\
&+2m_{011}^{(00)}m_{021}^{(00)}m_{121}^{(22)} + 4m_{011}^{(00)}m_{021}^{(00)}m_{112}^{(21)} - 4m_{011}^{(00)}m_{021}^{(00)}m_{022}^{(20)} - 2m_{011}^{(00)}m_{021}^{(00)}m_{013}^{(10)}\\
&-2m_{011}^{(00)}m_{021}^{(10)}m_{211}^{(22)} + 2m_{011}^{(00)}m_{021}^{(10)}m_{013}^{(00)} - 4m_{011}^{(00)}m_{021}^{(20)}m_{211}^{(21)} + 4m_{011}^{(00)}m_{021}^{(20)}m_{022}^{(00)}\\
&+4m_{011}^{(00)}m_{021}^{(21)}m_{211}^{(20)} - 4m_{011}^{(00)}m_{021}^{(21)}m_{112}^{(00)} + 2m_{011}^{(00)}m_{021}^{(22)}m_{211}^{(10)} - 2m_{011}^{(00)}m_{021}^{(22)}m_{121}^{(00)}\\
&-4m_{011}^{(00)}m_{012}^{(00)}m_{121}^{(21)} - 2m_{011}^{(00)}m_{012}^{(00)}m_{112}^{(11)} + 2m_{011}^{(00)}m_{012}^{(00)}m_{031}^{(20)} + 4m_{011}^{(00)}m_{012}^{(00)}m_{022}^{(10)}\\
&+4m_{011}^{(00)}m_{012}^{(10)}m_{211}^{(21)} - 4m_{011}^{(00)}m_{012}^{(10)}m_{022}^{(00)} - 2m_{011}^{(00)}m_{012}^{(11)}m_{211}^{(20)} + 2m_{011}^{(00)}m_{012}^{(11)}m_{112}^{(00)}\\
&+2m_{011}^{(00)}m_{012}^{(20)}m_{211}^{(11)} - 2m_{011}^{(00)}m_{012}^{(20)}m_{031}^{(00)} - 4m_{011}^{(00)}m_{012}^{(21)}m_{211}^{(10)} + 4m_{011}^{(00)}m_{012}^{(21)}m_{121}^{(00)}\\
&+2m_{011}^{(00)}m_{003}^{(00)}m_{121}^{(11)} - 2m_{011}^{(00)}m_{003}^{(00)}m_{031}^{(10)} - 2m_{011}^{(00)}m_{003}^{(10)}m_{211}^{(11)} + 2m_{011}^{(00)}m_{003}^{(10)}m_{031}^{(00)}\\
&+2m_{011}^{(00)}m_{003}^{(11)}m_{211}^{(10)} - 2m_{011}^{(00)}m_{003}^{(11)}m_{121}^{(00)} - 2m_{011}^{(10)}m_{300}^{(11)}m_{112}^{(22)} + 2m_{011}^{(10)}m_{300}^{(11)}m_{103}^{(21)}\\
&+2m_{011}^{(10)}m_{300}^{(21)}m_{121}^{(22)} - 2m_{011}^{(10)}m_{300}^{(21)}m_{103}^{(11)} - 2m_{011}^{(10)}m_{300}^{(22)}m_{121}^{(21)} + 2m_{011}^{(10)}m_{300}^{(22)}m_{112}^{(11)}\\
&+4m_{011}^{(10)}m_{210}^{(10)}m_{112}^{(22)} - 4m_{011}^{(10)}m_{210}^{(10)}m_{103}^{(21)} + 2m_{011}^{(10)}m_{210}^{(11)}m_{202}^{(22)} - 2m_{011}^{(10)}m_{210}^{(11)}m_{103}^{(20)}\\
&-2m_{011}^{(10)}m_{210}^{(20)}m_{121}^{(22)} + 2m_{011}^{(10)}m_{210}^{(20)}m_{103}^{(11)} - 4m_{011}^{(10)}m_{210}^{(21)}m_{211}^{(22)} + 4m_{011}^{(10)}m_{210}^{(21)}m_{103}^{(10)}\\
&+4m_{011}^{(10)}m_{210}^{(22)}m_{211}^{(21)} - 2m_{011}^{(10)}m_{210}^{(22)}m_{202}^{(11)} + 2m_{011}^{(10)}m_{210}^{(22)}m_{121}^{(20)} - 4m_{011}^{(10)}m_{210}^{(22)}m_{112}^{(10)}\\
&-2m_{011}^{(10)}m_{201}^{(10)}m_{121}^{(22)} + 2m_{011}^{(10)}m_{201}^{(10)}m_{103}^{(11)} + 2m_{011}^{(10)}m_{201}^{(11)}m_{211}^{(22)} - 4m_{011}^{(10)}m_{201}^{(11)}m_{202}^{(21)}\\
&+4m_{011}^{(10)}m_{201}^{(11)}m_{112}^{(20)} - 2m_{011}^{(10)}m_{201}^{(11)}m_{103}^{(10)} + 4m_{011}^{(10)}m_{201}^{(20)}m_{121}^{(21)} - 4m_{011}^{(10)}m_{201}^{(20)}m_{112}^{(11)}
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\begin{aligned}
&+4m_{011}^{(10)}m_{201}^{(21)}m_{202}^{(11)} - 4m_{011}^{(10)}m_{201}^{(21)}m_{121}^{(20)} - 2m_{011}^{(10)}m_{201}^{(22)}m_{211}^{(11)} + 2m_{011}^{(10)}m_{201}^{(22)}m_{121}^{(10)} \\
&-2m_{011}^{(10)}m_{120}^{(00)}m_{112}^{(22)} + 2m_{011}^{(10)}m_{120}^{(00)}m_{103}^{(21)} - 4m_{011}^{(10)}m_{120}^{(10)}m_{202}^{(22)} + 4m_{011}^{(10)}m_{120}^{(10)}m_{103}^{(20)} \\
&+4m_{011}^{(10)}m_{120}^{(20)}m_{211}^{(22)} - 4m_{011}^{(10)}m_{120}^{(20)}m_{103}^{(10)} + 2m_{011}^{(10)}m_{120}^{(21)}m_{301}^{(22)} - 2m_{011}^{(10)}m_{120}^{(21)}m_{103}^{(00)} \\
&-2m_{011}^{(10)}m_{120}^{(22)}m_{301}^{(21)} - 4m_{011}^{(10)}m_{120}^{(22)}m_{211}^{(20)} + 4m_{011}^{(10)}m_{120}^{(22)}m_{202}^{(10)} + 2m_{011}^{(10)}m_{120}^{(22)}m_{112}^{(00)} \\
&+2m_{011}^{(10)}m_{111}^{(00)}m_{121}^{(22)} - 2m_{011}^{(10)}m_{111}^{(00)}m_{103}^{(11)} + 8m_{011}^{(10)}m_{111}^{(10)}m_{202}^{(21)} - 8m_{011}^{(10)}m_{111}^{(10)}m_{112}^{(20)} \\
&-2m_{011}^{(10)}m_{111}^{(11)}m_{301}^{(22)} + 2m_{011}^{(10)}m_{111}^{(11)}m_{103}^{(00)} - 8m_{011}^{(10)}m_{111}^{(20)}m_{211}^{(21)} + 8m_{011}^{(10)}m_{111}^{(20)}m_{112}^{(10)} \\
&+8m_{011}^{(10)}m_{111}^{(21)}m_{211}^{(20)} - 8m_{011}^{(10)}m_{111}^{(21)}m_{202}^{(10)} + 2m_{011}^{(10)}m_{111}^{(22)}m_{301}^{(11)} - 2m_{011}^{(10)}m_{111}^{(22)}m_{121}^{(00)} \\
&-2m_{011}^{(10)}m_{102}^{(00)}m_{121}^{(21)} + 2m_{011}^{(10)}m_{102}^{(00)}m_{112}^{(11)} - 4m_{011}^{(10)}m_{102}^{(10)}m_{202}^{(11)} + 4m_{011}^{(10)}m_{102}^{(10)}m_{121}^{(20)} \\
&+2m_{011}^{(10)}m_{102}^{(11)}m_{301}^{(21)} - 4m_{011}^{(10)}m_{102}^{(11)}m_{211}^{(20)} + 4m_{011}^{(10)}m_{102}^{(11)}m_{202}^{(10)} - 2m_{011}^{(10)}m_{102}^{(11)}m_{112}^{(00)} \\
&+4m_{011}^{(10)}m_{102}^{(20)}m_{211}^{(11)} - 4m_{011}^{(10)}m_{102}^{(20)}m_{121}^{(10)} - 2m_{011}^{(10)}m_{102}^{(21)}m_{301}^{(11)} + 2m_{011}^{(10)}m_{102}^{(21)}m_{121}^{(00)} \\
&+2m_{011}^{(10)}m_{030}^{(00)}m_{202}^{(22)} - 2m_{011}^{(10)}m_{030}^{(00)}m_{103}^{(20)} - 2m_{011}^{(10)}m_{030}^{(20)}m_{301}^{(22)} + 2m_{011}^{(10)}m_{030}^{(20)}m_{103}^{(00)} \\
&+2m_{011}^{(10)}m_{030}^{(22)}m_{301}^{(20)} - 2m_{011}^{(10)}m_{030}^{(22)}m_{202}^{(00)} - 2m_{011}^{(10)}m_{021}^{(00)}m_{211}^{(22)} - 4m_{011}^{(10)}m_{021}^{(00)}m_{202}^{(21)} \\
&+4m_{011}^{(10)}m_{021}^{(00)}m_{112}^{(20)} + 2m_{011}^{(10)}m_{021}^{(00)}m_{103}^{(10)} + 2m_{011}^{(10)}m_{021}^{(10)}m_{301}^{(22)} - 2m_{011}^{(10)}m_{021}^{(10)}m_{103}^{(00)} \\
&+4m_{011}^{(10)}m_{021}^{(20)}m_{301}^{(21)} - 4m_{011}^{(10)}m_{021}^{(20)}m_{112}^{(00)} - 4m_{011}^{(10)}m_{021}^{(21)}m_{301}^{(20)} + 4m_{011}^{(10)}m_{021}^{(21)}m_{202}^{(00)} \\
&-2m_{011}^{(10)}m_{021}^{(22)}m_{301}^{(10)} + 2m_{011}^{(10)}m_{021}^{(22)}m_{211}^{(00)} + 4m_{011}^{(10)}m_{012}^{(00)}m_{211}^{(21)} + 2m_{011}^{(10)}m_{012}^{(00)}m_{202}^{(11)} \\
&-2m_{011}^{(10)}m_{012}^{(00)}m_{121}^{(20)} - 4m_{011}^{(10)}m_{012}^{(00)}m_{112}^{(10)} - 4m_{011}^{(10)}m_{012}^{(10)}m_{301}^{(21)} + 4m_{011}^{(10)}m_{012}^{(10)}m_{112}^{(00)} \\
&+2m_{011}^{(10)}m_{012}^{(11)}m_{301}^{(20)} - 2m_{011}^{(10)}m_{012}^{(11)}m_{202}^{(00)} - 2m_{011}^{(10)}m_{012}^{(20)}m_{301}^{(11)} + 2m_{011}^{(10)}m_{012}^{(20)}m_{121}^{(00)} \\
&+4m_{011}^{(10)}m_{012}^{(21)}m_{301}^{(10)} - 4m_{011}^{(10)}m_{012}^{(21)}m_{211}^{(00)} - 2m_{011}^{(10)}m_{003}^{(00)}m_{211}^{(11)} + 2m_{011}^{(10)}m_{003}^{(00)}m_{121}^{(10)} \\
&+2m_{011}^{(10)}m_{003}^{(10)}m_{301}^{(11)} - 2m_{011}^{(10)}m_{003}^{(10)}m_{121}^{(00)} - 2m_{011}^{(10)}m_{003}^{(11)}m_{301}^{(10)} + 2m_{011}^{(10)}m_{003}^{(11)}m_{211}^{(00)} \\
&-2m_{011}^{(20)}m_{300}^{(11)}m_{121}^{(22)} + 2m_{011}^{(20)}m_{300}^{(11)}m_{112}^{(21)} + 2m_{011}^{(20)}m_{300}^{(21)}m_{130}^{(22)} - 2m_{011}^{(20)}m_{300}^{(21)}m_{112}^{(11)} \\
&-2m_{011}^{(20)}m_{300}^{(22)}m_{130}^{(21)} + 2m_{011}^{(20)}m_{300}^{(22)}m_{121}^{(11)} + 4m_{011}^{(20)}m_{210}^{(10)}m_{121}^{(22)} - 4m_{011}^{(20)}m_{210}^{(10)}m_{112}^{(21)} \\
&+2m_{011}^{(20)}m_{210}^{(11)}m_{211}^{(22)} - 2m_{011}^{(20)}m_{210}^{(11)}m_{112}^{(20)} - 2m_{011}^{(20)}m_{210}^{(20)}m_{130}^{(22)} + 2m_{011}^{(20)}m_{210}^{(20)}m_{112}^{(11)} \\
&-4m_{011}^{(20)}m_{210}^{(21)}m_{220}^{(22)} + 4m_{011}^{(20)}m_{210}^{(21)}m_{112}^{(10)} + 4m_{011}^{(20)}m_{210}^{(22)}m_{220}^{(21)} - 2m_{011}^{(20)}m_{210}^{(22)}m_{211}^{(11)} \\
&+2m_{011}^{(20)}m_{210}^{(22)}m_{130}^{(20)} - 4m_{011}^{(20)}m_{210}^{(22)}m_{121}^{(10)} - 2m_{011}^{(20)}m_{201}^{(10)}m_{130}^{(22)} + 2m_{011}^{(20)}m_{201}^{(10)}m_{112}^{(11)} \\
&+2m_{011}^{(20)}m_{201}^{(11)}m_{220}^{(22)} - 4m_{011}^{(20)}m_{201}^{(11)}m_{211}^{(21)} + 4m_{011}^{(20)}m_{201}^{(11)}m_{121}^{(20)} - 2m_{011}^{(20)}m_{201}^{(11)}m_{112}^{(10)} \\
&+4m_{011}^{(20)}m_{201}^{(20)}m_{130}^{(21)} - 4m_{011}^{(20)}m_{201}^{(20)}m_{121}^{(11)} + 4m_{011}^{(20)}m_{201}^{(21)}m_{211}^{(11)} - 4m_{011}^{(20)}m_{201}^{(21)}m_{130}^{(20)} \\
&-2m_{011}^{(20)}m_{201}^{(22)}m_{220}^{(11)} + 2m_{011}^{(20)}m_{201}^{(22)}m_{130}^{(10)} - 2m_{011}^{(20)}m_{120}^{(00)}m_{121}^{(22)} + 2m_{011}^{(20)}m_{120}^{(00)}m_{112}^{(21)} \\
&-4m_{011}^{(20)}m_{120}^{(10)}m_{211}^{(22)} + 4m_{011}^{(20)}m_{120}^{(10)}m_{112}^{(20)} + 4m_{011}^{(20)}m_{120}^{(20)}m_{220}^{(22)} - 4m_{011}^{(20)}m_{120}^{(20)}m_{112}^{(10)} \\
&+2m_{011}^{(20)}m_{120}^{(21)}m_{310}^{(22)} - 2m_{011}^{(20)}m_{120}^{(21)}m_{112}^{(00)} - 2m_{011}^{(20)}m_{120}^{(22)}m_{310}^{(21)} - 4m_{011}^{(20)}m_{120}^{(22)}m_{220}^{(20)} \\
&+4m_{011}^{(20)}m_{120}^{(22)}m_{211}^{(10)} + 2m_{011}^{(20)}m_{120}^{(22)}m_{121}^{(00)} + 2m_{011}^{(20)}m_{111}^{(00)}m_{130}^{(22)} - 2m_{011}^{(20)}m_{111}^{(00)}m_{112}^{(11)} \\
&+8m_{011}^{(20)}m_{111}^{(10)}m_{211}^{(21)} - 8m_{011}^{(20)}m_{111}^{(10)}m_{121}^{(20)} - 2m_{011}^{(20)}m_{111}^{(11)}m_{310}^{(22)} + 2m_{011}^{(20)}m_{111}^{(11)}m_{112}^{(00)} \\
&-8m_{011}^{(20)}m_{111}^{(20)}m_{220}^{(21)} + 8m_{011}^{(20)}m_{111}^{(20)}m_{121}^{(10)} + 8m_{011}^{(20)}m_{111}^{(21)}m_{220}^{(20)} - 8m_{011}^{(20)}m_{111}^{(21)}m_{211}^{(10)} \\
&+2m_{011}^{(20)}m_{111}^{(22)}m_{310}^{(11)} - 2m_{011}^{(20)}m_{111}^{(22)}m_{130}^{(00)} - 2m_{011}^{(20)}m_{102}^{(00)}m_{130}^{(21)} + 2m_{011}^{(20)}m_{102}^{(00)}m_{121}^{(11)} \\
&-4m_{011}^{(20)}m_{102}^{(10)}m_{211}^{(11)} + 4m_{011}^{(20)}m_{102}^{(10)}m_{130}^{(20)} + 2m_{011}^{(20)}m_{102}^{(11)}m_{310}^{(21)} - 4m_{011}^{(20)}m_{102}^{(11)}m_{220}^{(20)} \\
&+4m_{011}^{(20)}m_{102}^{(11)}m_{211}^{(10)} - 2m_{011}^{(20)}m_{102}^{(11)}m_{121}^{(00)} + 4m_{011}^{(20)}m_{102}^{(20)}m_{220}^{(11)} - 4m_{011}^{(20)}m_{102}^{(20)}m_{130}^{(10)} \\
&-2m_{011}^{(20)}m_{102}^{(21)}m_{310}^{(11)} + 2m_{011}^{(20)}m_{102}^{(21)}m_{130}^{(00)} + 2m_{011}^{(20)}m_{030}^{(00)}m_{211}^{(22)} - 2m_{011}^{(20)}m_{030}^{(00)}m_{112}^{(20)} \\
&-2m_{011}^{(20)}m_{030}^{(20)}m_{310}^{(22)} + 2m_{011}^{(20)}m_{030}^{(20)}m_{112}^{(00)} + 2m_{011}^{(20)}m_{030}^{(22)}m_{310}^{(20)} - 2m_{011}^{(20)}m_{030}^{(22)}m_{211}^{(00)} \\
&-2m_{011}^{(20)}m_{021}^{(00)}m_{220}^{(22)} - 4m_{011}^{(20)}m_{021}^{(00)}m_{211}^{(21)} + 4m_{011}^{(20)}m_{021}^{(00)}m_{121}^{(20)} + 2m_{011}^{(20)}m_{021}^{(00)}m_{112}^{(10)}
\end{aligned}
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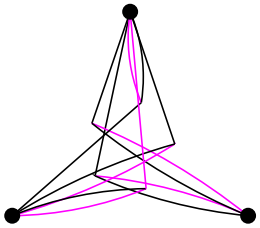
$$+2m_{011}^{(20)}m_{021}^{(10)}m_{310}^{(22)} - 2m_{011}^{(20)}m_{021}^{(10)}m_{112}^{(00)} + 4m_{011}^{(20)}m_{021}^{(20)}m_{310}^{(21)} - 4m_{011}^{(20)}m_{021}^{(20)}m_{121}^{(00)}$$
$$-4m_{011}^{(20)}m_{021}^{(21)}m_{310}^{(20)} + 4m_{011}^{(20)}m_{021}^{(21)}m_{211}^{(00)} - 2m_{011}^{(20)}m_{021}^{(22)}m_{310}^{(10)} + 2m_{011}^{(20)}m_{021}^{(22)}m_{220}^{(00)}$$
$$+4m_{011}^{(20)}m_{012}^{(00)}m_{220}^{(21)} + 2m_{011}^{(20)}m_{012}^{(00)}m_{211}^{(11)} - 2m_{011}^{(20)}m_{012}^{(00)}m_{130}^{(20)} - 4m_{011}^{(20)}m_{012}^{(00)}m_{121}^{(10)}$$
$$-4m_{011}^{(20)}m_{012}^{(10)}m_{310}^{(21)} + 4m_{011}^{(20)}m_{012}^{(10)}m_{121}^{(00)} + 2m_{011}^{(20)}m_{012}^{(11)}m_{310}^{(20)} - 2m_{011}^{(20)}m_{012}^{(11)}m_{211}^{(00)}$$
$$-2m_{011}^{(20)}m_{012}^{(20)}m_{310}^{(11)} + 2m_{011}^{(20)}m_{012}^{(20)}m_{130}^{(00)} + 4m_{011}^{(20)}m_{012}^{(21)}m_{310}^{(10)} - 4m_{011}^{(20)}m_{012}^{(21)}m_{220}^{(00)}$$
$$-2m_{011}^{(20)}m_{003}^{(00)}m_{220}^{(11)} + 2m_{011}^{(20)}m_{003}^{(00)}m_{130}^{(10)} + 2m_{011}^{(20)}m_{003}^{(10)}m_{310}^{(11)} - 2m_{011}^{(20)}m_{003}^{(10)}m_{130}^{(00)}$$
$$-2m_{011}^{(20)}m_{003}^{(11)}m_{310}^{(10)} + 2m_{011}^{(20)}m_{003}^{(11)}m_{220}^{(00)} + 2m_{011}^{(21)}m_{300}^{(11)}m_{211}^{(22)} - 2m_{011}^{(21)}m_{300}^{(11)}m_{202}^{(21)}$$
$$-2m_{011}^{(21)}m_{300}^{(21)}m_{220}^{(22)} + 2m_{011}^{(21)}m_{300}^{(21)}m_{202}^{(11)} + 2m_{011}^{(21)}m_{300}^{(22)}m_{220}^{(21)} - 2m_{011}^{(21)}m_{300}^{(22)}m_{211}^{(11)}$$
$$-4m_{011}^{(21)}m_{210}^{(10)}m_{211}^{(22)} + 4m_{011}^{(21)}m_{210}^{(10)}m_{202}^{(21)} - 2m_{011}^{(21)}m_{210}^{(11)}m_{301}^{(22)} + 2m_{011}^{(21)}m_{210}^{(11)}m_{202}^{(20)}$$
$$+2m_{011}^{(21)}m_{210}^{(20)}m_{220}^{(22)} - 2m_{011}^{(21)}m_{210}^{(20)}m_{202}^{(11)} + 4m_{011}^{(21)}m_{210}^{(21)}m_{310}^{(22)} - 4m_{011}^{(21)}m_{210}^{(21)}m_{202}^{(10)}$$
$$-4m_{011}^{(21)}m_{210}^{(22)}m_{310}^{(21)} + 2m_{011}^{(21)}m_{210}^{(22)}m_{301}^{(11)} - 2m_{011}^{(21)}m_{210}^{(22)}m_{220}^{(20)} + 4m_{011}^{(21)}m_{210}^{(22)}m_{211}^{(10)}$$
$$+2m_{011}^{(21)}m_{201}^{(10)}m_{220}^{(22)} - 2m_{011}^{(21)}m_{201}^{(10)}m_{202}^{(11)} - 2m_{011}^{(21)}m_{201}^{(11)}m_{310}^{(22)} + 4m_{011}^{(21)}m_{201}^{(11)}m_{301}^{(21)}$$
$$-4m_{011}^{(21)}m_{201}^{(11)}m_{211}^{(20)} + 2m_{011}^{(21)}m_{201}^{(11)}m_{202}^{(10)} - 4m_{011}^{(21)}m_{201}^{(20)}m_{220}^{(21)} + 4m_{011}^{(21)}m_{201}^{(20)}m_{211}^{(11)}$$
$$-4m_{011}^{(21)}m_{201}^{(21)}m_{301}^{(11)} + 4m_{011}^{(21)}m_{201}^{(21)}m_{220}^{(20)} + 2m_{011}^{(21)}m_{201}^{(22)}m_{310}^{(11)} - 2m_{011}^{(21)}m_{201}^{(22)}m_{220}^{(10)}$$
$$+2m_{011}^{(21)}m_{120}^{(00)}m_{211}^{(22)} - 2m_{011}^{(21)}m_{120}^{(00)}m_{202}^{(21)} + 4m_{011}^{(21)}m_{120}^{(10)}m_{301}^{(22)} - 4m_{011}^{(21)}m_{120}^{(10)}m_{202}^{(20)}$$
$$-4m_{011}^{(21)}m_{120}^{(20)}m_{310}^{(22)} + 4m_{011}^{(21)}m_{120}^{(20)}m_{202}^{(10)} - 2m_{011}^{(21)}m_{120}^{(21)}m_{400}^{(22)} + 2m_{011}^{(21)}m_{120}^{(21)}m_{202}^{(00)}$$
$$+2m_{011}^{(21)}m_{120}^{(22)}m_{400}^{(21)} + 4m_{011}^{(21)}m_{120}^{(22)}m_{310}^{(20)} - 4m_{011}^{(21)}m_{120}^{(22)}m_{301}^{(10)} - 2m_{011}^{(21)}m_{120}^{(22)}m_{211}^{(00)}$$
$$-2m_{011}^{(21)}m_{111}^{(00)}m_{220}^{(22)} + 2m_{011}^{(21)}m_{111}^{(00)}m_{202}^{(11)} - 8m_{011}^{(21)}m_{111}^{(10)}m_{301}^{(21)} + 8m_{011}^{(21)}m_{111}^{(10)}m_{211}^{(20)}$$
$$+2m_{011}^{(21)}m_{111}^{(11)}m_{400}^{(22)} - 2m_{011}^{(21)}m_{111}^{(11)}m_{202}^{(00)} + 8m_{011}^{(21)}m_{111}^{(20)}m_{310}^{(21)} - 8m_{011}^{(21)}m_{111}^{(20)}m_{211}^{(10)}$$
$$-8m_{011}^{(21)}m_{111}^{(21)}m_{310}^{(20)} + 8m_{011}^{(21)}m_{111}^{(21)}m_{301}^{(10)} - 2m_{011}^{(21)}m_{111}^{(22)}m_{400}^{(11)} + 2m_{011}^{(21)}m_{111}^{(22)}m_{220}^{(00)}$$
$$+2m_{011}^{(21)}m_{102}^{(00)}m_{220}^{(21)} - 2m_{011}^{(21)}m_{102}^{(00)}m_{211}^{(11)} + 4m_{011}^{(21)}m_{102}^{(10)}m_{301}^{(11)} - 4m_{011}^{(21)}m_{102}^{(10)}m_{220}^{(20)}$$
$$-2m_{011}^{(21)}m_{102}^{(11)}m_{400}^{(21)} + 4m_{011}^{(21)}m_{102}^{(11)}m_{310}^{(20)} - 4m_{011}^{(21)}m_{102}^{(11)}m_{301}^{(10)} + 2m_{011}^{(21)}m_{102}^{(11)}m_{211}^{(00)}$$
$$-4m_{011}^{(21)}m_{102}^{(20)}m_{310}^{(11)} + 4m_{011}^{(21)}m_{102}^{(20)}m_{220}^{(10)} + 2m_{011}^{(21)}m_{102}^{(21)}m_{400}^{(11)} - 2m_{011}^{(21)}m_{102}^{(21)}m_{220}^{(00)}$$
$$-2m_{011}^{(21)}m_{030}^{(00)}m_{301}^{(22)} + 2m_{011}^{(21)}m_{030}^{(00)}m_{202}^{(20)} + 2m_{011}^{(21)}m_{030}^{(20)}m_{400}^{(22)} - 2m_{011}^{(21)}m_{030}^{(20)}m_{202}^{(00)}$$
$$-2m_{011}^{(21)}m_{030}^{(22)}m_{400}^{(20)} + 2m_{011}^{(21)}m_{030}^{(22)}m_{301}^{(00)} + 2m_{011}^{(21)}m_{021}^{(00)}m_{310}^{(22)} + 4m_{011}^{(21)}m_{021}^{(00)}m_{301}^{(21)}$$
$$-4m_{011}^{(21)}m_{021}^{(00)}m_{211}^{(20)} - 2m_{011}^{(21)}m_{021}^{(00)}m_{202}^{(10)} - 2m_{011}^{(21)}m_{021}^{(10)}m_{400}^{(22)} + 2m_{011}^{(21)}m_{021}^{(10)}m_{202}^{(00)}$$
$$-4m_{011}^{(21)}m_{021}^{(20)}m_{400}^{(21)} + 4m_{011}^{(21)}m_{021}^{(20)}m_{211}^{(00)} + 4m_{011}^{(21)}m_{021}^{(21)}m_{400}^{(20)} - 4m_{011}^{(21)}m_{021}^{(21)}m_{301}^{(00)}$$
$$+2m_{011}^{(21)}m_{021}^{(22)}m_{400}^{(10)} - 2m_{011}^{(21)}m_{021}^{(22)}m_{310}^{(00)} - 4m_{011}^{(21)}m_{012}^{(00)}m_{310}^{(21)} - 2m_{011}^{(21)}m_{012}^{(00)}m_{301}^{(11)}$$
$$+2m_{011}^{(21)}m_{012}^{(00)}m_{220}^{(20)} + 4m_{011}^{(21)}m_{012}^{(00)}m_{211}^{(10)} + 4m_{011}^{(21)}m_{012}^{(10)}m_{400}^{(21)} - 4m_{011}^{(21)}m_{012}^{(10)}m_{211}^{(00)}$$
$$-2m_{011}^{(21)}m_{012}^{(11)}m_{400}^{(20)} + 2m_{011}^{(21)}m_{012}^{(11)}m_{301}^{(00)} + 2m_{011}^{(21)}m_{012}^{(20)}m_{400}^{(11)} - 2m_{011}^{(21)}m_{012}^{(20)}m_{220}^{(00)}$$
$$-4m_{011}^{(21)}m_{012}^{(21)}m_{400}^{(10)} + 4m_{011}^{(21)}m_{012}^{(21)}m_{310}^{(00)} + 2m_{011}^{(21)}m_{003}^{(00)}m_{310}^{(11)} - 2m_{011}^{(21)}m_{003}^{(00)}m_{220}^{(10)}$$
$$-2m_{011}^{(21)}m_{003}^{(10)}m_{400}^{(11)} + 2m_{011}^{(21)}m_{003}^{(10)}m_{220}^{(00)} + 2m_{011}^{(21)}m_{003}^{(11)}m_{400}^{(10)} - 2m_{011}^{(21)}m_{003}^{(11)}m_{310}^{(00)}$$
$$-m_{002}^{(00)}m_{300}^{(11)}m_{031}^{(22)} + m_{002}^{(00)}m_{300}^{(11)}m_{022}^{(21)} + m_{002}^{(00)}m_{300}^{(21)}m_{040}^{(22)} - m_{002}^{(00)}m_{300}^{(21)}m_{022}^{(11)}$$
$$-m_{002}^{(00)}m_{300}^{(22)}m_{040}^{(21)} + m_{002}^{(00)}m_{300}^{(22)}m_{031}^{(11)} + 2m_{002}^{(00)}m_{210}^{(10)}m_{031}^{(22)} - 2m_{002}^{(00)}m_{210}^{(10)}m_{022}^{(21)}$$
$$+m_{002}^{(00)}m_{210}^{(11)}m_{121}^{(22)} - m_{002}^{(00)}m_{210}^{(11)}m_{022}^{(20)} - m_{002}^{(00)}m_{210}^{(20)}m_{040}^{(22)} + m_{002}^{(00)}m_{210}^{(20)}m_{022}^{(11)}$$
$$-2m_{002}^{(00)}m_{210}^{(21)}m_{130}^{(22)} + 2m_{002}^{(00)}m_{210}^{(21)}m_{022}^{(10)} + 2m_{002}^{(00)}m_{210}^{(22)}m_{130}^{(21)} - m_{002}^{(00)}m_{210}^{(22)}m_{121}^{(11)}$$
$$+m_{002}^{(00)}m_{210}^{(22)}m_{040}^{(20)} - 2m_{002}^{(00)}m_{210}^{(22)}m_{031}^{(10)} - m_{002}^{(00)}m_{201}^{(10)}m_{040}^{(22)} + m_{002}^{(00)}m_{201}^{(10)}m_{022}^{(11)}$$
$$+m_{002}^{(00)}m_{201}^{(11)}m_{130}^{(22)} - 2m_{002}^{(00)}m_{201}^{(11)}m_{121}^{(21)} + 2m_{002}^{(00)}m_{201}^{(11)}m_{031}^{(20)} - m_{002}^{(00)}m_{201}^{(11)}m_{022}^{(10)}$$

$$+2m_{002}^{(00)}m_{201}^{(20)}m_{040}^{(21)} - 2m_{002}^{(00)}m_{201}^{(20)}m_{031}^{(11)} + 2m_{002}^{(00)}m_{201}^{(21)}m_{121}^{(11)} - 2m_{002}^{(00)}m_{201}^{(21)}m_{040}^{(20)}$$
$$-m_{002}^{(00)}m_{201}^{(22)}m_{130}^{(11)} + m_{002}^{(00)}m_{201}^{(22)}m_{040}^{(10)} - m_{002}^{(00)}m_{120}^{(00)}m_{031}^{(22)} + m_{002}^{(00)}m_{120}^{(00)}m_{022}^{(21)}$$
$$-2m_{002}^{(00)}m_{120}^{(10)}m_{121}^{(22)} + 2m_{002}^{(00)}m_{120}^{(10)}m_{022}^{(20)} + 2m_{002}^{(00)}m_{120}^{(20)}m_{130}^{(22)} - 2m_{002}^{(00)}m_{120}^{(20)}m_{022}^{(10)}$$
$$+m_{002}^{(00)}m_{120}^{(21)}m_{220}^{(22)} - m_{002}^{(00)}m_{120}^{(21)}m_{022}^{(00)} - m_{002}^{(00)}m_{120}^{(22)}m_{220}^{(21)} - 2m_{002}^{(00)}m_{120}^{(22)}m_{130}^{(20)}$$
$$+2m_{002}^{(00)}m_{120}^{(22)}m_{121}^{(10)} + m_{002}^{(00)}m_{120}^{(22)}m_{031}^{(00)} + m_{002}^{(00)}m_{111}^{(00)}m_{040}^{(22)} - m_{002}^{(00)}m_{111}^{(00)}m_{022}^{(11)}$$
$$+4m_{002}^{(00)}m_{111}^{(10)}m_{121}^{(21)} - 4m_{002}^{(00)}m_{111}^{(10)}m_{031}^{(20)} - m_{002}^{(00)}m_{111}^{(11)}m_{220}^{(22)} + m_{002}^{(00)}m_{111}^{(11)}m_{022}^{(00)}$$
$$-4m_{002}^{(00)}m_{111}^{(20)}m_{130}^{(21)} + 4m_{002}^{(00)}m_{111}^{(20)}m_{031}^{(10)} + 4m_{002}^{(00)}m_{111}^{(21)}m_{130}^{(20)} - 4m_{002}^{(00)}m_{111}^{(21)}m_{121}^{(10)}$$
$$+m_{002}^{(00)}m_{111}^{(22)}m_{220}^{(11)} - m_{002}^{(00)}m_{111}^{(22)}m_{040}^{(00)} - m_{002}^{(00)}m_{102}^{(00)}m_{040}^{(21)} + m_{002}^{(00)}m_{102}^{(00)}m_{031}^{(11)}$$
$$-2m_{002}^{(00)}m_{102}^{(10)}m_{121}^{(11)} + 2m_{002}^{(00)}m_{102}^{(10)}m_{040}^{(20)} + m_{002}^{(00)}m_{102}^{(11)}m_{220}^{(21)} - 2m_{002}^{(00)}m_{102}^{(11)}m_{130}^{(20)}$$
$$+2m_{002}^{(00)}m_{102}^{(11)}m_{121}^{(10)} - m_{002}^{(00)}m_{102}^{(11)}m_{031}^{(00)} + 2m_{002}^{(00)}m_{102}^{(20)}m_{130}^{(11)} - 2m_{002}^{(00)}m_{102}^{(20)}m_{040}^{(10)}$$
$$-m_{002}^{(00)}m_{102}^{(21)}m_{220}^{(11)} + m_{002}^{(00)}m_{102}^{(21)}m_{040}^{(00)} + m_{002}^{(00)}m_{030}^{(00)}m_{121}^{(22)} - m_{002}^{(00)}m_{030}^{(00)}m_{022}^{(20)}$$
$$-m_{002}^{(00)}m_{030}^{(20)}m_{220}^{(22)} + m_{002}^{(00)}m_{030}^{(20)}m_{022}^{(00)} + m_{002}^{(00)}m_{030}^{(22)}m_{220}^{(20)} - m_{002}^{(00)}m_{030}^{(22)}m_{121}^{(00)}$$
$$-m_{002}^{(00)}m_{021}^{(00)}m_{130}^{(22)} - 2m_{002}^{(00)}m_{021}^{(00)}m_{121}^{(21)} + 2m_{002}^{(00)}m_{021}^{(00)}m_{031}^{(20)} + m_{002}^{(00)}m_{021}^{(00)}m_{022}^{(10)}$$
$$+m_{002}^{(00)}m_{021}^{(10)}m_{220}^{(22)} - m_{002}^{(00)}m_{021}^{(10)}m_{022}^{(00)} + 2m_{002}^{(00)}m_{021}^{(20)}m_{220}^{(21)} - 2m_{002}^{(00)}m_{021}^{(20)}m_{031}^{(00)}$$
$$-2m_{002}^{(00)}m_{021}^{(21)}m_{220}^{(20)} + 2m_{002}^{(00)}m_{021}^{(21)}m_{121}^{(00)} - m_{002}^{(00)}m_{021}^{(22)}m_{220}^{(10)} + m_{002}^{(00)}m_{021}^{(22)}m_{130}^{(00)}$$
$$+2m_{002}^{(00)}m_{012}^{(00)}m_{130}^{(21)} + m_{002}^{(00)}m_{012}^{(00)}m_{121}^{(11)} - m_{002}^{(00)}m_{012}^{(00)}m_{040}^{(20)} - 2m_{002}^{(00)}m_{012}^{(00)}m_{031}^{(10)}$$
$$-2m_{002}^{(00)}m_{012}^{(10)}m_{220}^{(21)} + 2m_{002}^{(00)}m_{012}^{(10)}m_{031}^{(00)} + m_{002}^{(00)}m_{012}^{(11)}m_{220}^{(20)} - m_{002}^{(00)}m_{012}^{(11)}m_{121}^{(00)}$$
$$-m_{002}^{(00)}m_{012}^{(20)}m_{220}^{(11)} + m_{002}^{(00)}m_{012}^{(20)}m_{040}^{(00)} + 2m_{002}^{(00)}m_{012}^{(21)}m_{220}^{(10)} - 2m_{002}^{(00)}m_{012}^{(21)}m_{130}^{(00)}$$
$$-m_{002}^{(00)}m_{003}^{(00)}m_{130}^{(11)} + m_{002}^{(00)}m_{003}^{(00)}m_{040}^{(10)} + m_{002}^{(00)}m_{003}^{(10)}m_{220}^{(11)} - m_{002}^{(00)}m_{003}^{(10)}m_{040}^{(00)}$$
$$-m_{002}^{(00)}m_{003}^{(11)}m_{220}^{(10)} + m_{002}^{(00)}m_{003}^{(11)}m_{130}^{(00)} + 2m_{002}^{(10)}m_{300}^{(11)}m_{121}^{(22)} - 2m_{002}^{(10)}m_{300}^{(11)}m_{112}^{(21)}$$
$$-2m_{002}^{(10)}m_{300}^{(21)}m_{130}^{(22)} + 2m_{002}^{(10)}m_{300}^{(21)}m_{112}^{(11)} + 2m_{002}^{(10)}m_{300}^{(22)}m_{130}^{(21)} - 2m_{002}^{(10)}m_{300}^{(22)}m_{121}^{(11)}$$
$$-4m_{002}^{(10)}m_{210}^{(10)}m_{121}^{(22)} + 4m_{002}^{(10)}m_{210}^{(10)}m_{112}^{(21)} - 2m_{002}^{(10)}m_{210}^{(11)}m_{211}^{(22)} + 2m_{002}^{(10)}m_{210}^{(11)}m_{112}^{(20)}$$
$$+2m_{002}^{(10)}m_{210}^{(20)}m_{130}^{(22)} - 2m_{002}^{(10)}m_{210}^{(20)}m_{112}^{(11)} + 4m_{002}^{(10)}m_{210}^{(21)}m_{220}^{(22)} - 4m_{002}^{(10)}m_{210}^{(21)}m_{112}^{(10)}$$
$$-4m_{002}^{(10)}m_{210}^{(22)}m_{220}^{(21)} + 2m_{002}^{(10)}m_{210}^{(22)}m_{211}^{(11)} - 2m_{002}^{(10)}m_{210}^{(22)}m_{130}^{(20)} + 4m_{002}^{(10)}m_{210}^{(22)}m_{121}^{(10)}$$
$$+2m_{002}^{(10)}m_{201}^{(10)}m_{130}^{(22)} - 2m_{002}^{(10)}m_{201}^{(10)}m_{112}^{(11)} - 2m_{002}^{(10)}m_{201}^{(11)}m_{220}^{(22)} + 4m_{002}^{(10)}m_{201}^{(11)}m_{211}^{(21)}$$
$$-4m_{002}^{(10)}m_{201}^{(11)}m_{121}^{(20)} + 2m_{002}^{(10)}m_{201}^{(11)}m_{112}^{(10)} - 4m_{002}^{(10)}m_{201}^{(20)}m_{130}^{(21)} + 4m_{002}^{(10)}m_{201}^{(20)}m_{121}^{(11)}$$
$$-4m_{002}^{(10)}m_{201}^{(21)}m_{211}^{(11)} + 4m_{002}^{(10)}m_{201}^{(21)}m_{130}^{(20)} + 2m_{002}^{(10)}m_{201}^{(22)}m_{220}^{(11)} - 2m_{002}^{(10)}m_{201}^{(22)}m_{130}^{(10)}$$
$$+2m_{002}^{(10)}m_{120}^{(00)}m_{121}^{(22)} - 2m_{002}^{(10)}m_{120}^{(00)}m_{112}^{(21)} + 4m_{002}^{(10)}m_{120}^{(10)}m_{211}^{(22)} - 4m_{002}^{(10)}m_{120}^{(10)}m_{112}^{(20)}$$
$$-4m_{002}^{(10)}m_{120}^{(20)}m_{220}^{(22)} + 4m_{002}^{(10)}m_{120}^{(20)}m_{112}^{(10)} - 2m_{002}^{(10)}m_{120}^{(21)}m_{310}^{(22)} + 2m_{002}^{(10)}m_{120}^{(21)}m_{112}^{(00)}$$
$$+2m_{002}^{(10)}m_{120}^{(22)}m_{310}^{(21)} + 4m_{002}^{(10)}m_{120}^{(22)}m_{220}^{(20)} - 4m_{002}^{(10)}m_{120}^{(22)}m_{211}^{(10)} - 2m_{002}^{(10)}m_{120}^{(22)}m_{121}^{(00)}$$
$$-2m_{002}^{(10)}m_{111}^{(00)}m_{130}^{(22)} + 2m_{002}^{(10)}m_{111}^{(00)}m_{112}^{(11)} - 8m_{002}^{(10)}m_{111}^{(10)}m_{211}^{(21)} + 8m_{002}^{(10)}m_{111}^{(10)}m_{121}^{(20)}$$
$$+2m_{002}^{(10)}m_{111}^{(11)}m_{310}^{(22)} - 2m_{002}^{(10)}m_{111}^{(11)}m_{112}^{(00)} + 8m_{002}^{(10)}m_{111}^{(20)}m_{220}^{(21)} - 8m_{002}^{(10)}m_{111}^{(20)}m_{121}^{(10)}$$
$$-8m_{002}^{(10)}m_{111}^{(21)}m_{220}^{(20)} + 8m_{002}^{(10)}m_{111}^{(21)}m_{211}^{(10)} - 2m_{002}^{(10)}m_{111}^{(22)}m_{310}^{(11)} + 2m_{002}^{(10)}m_{111}^{(22)}m_{130}^{(00)}$$
$$+2m_{002}^{(10)}m_{102}^{(00)}m_{130}^{(21)} - 2m_{002}^{(10)}m_{102}^{(00)}m_{121}^{(11)} + 4m_{002}^{(10)}m_{102}^{(10)}m_{211}^{(11)} - 4m_{002}^{(10)}m_{102}^{(10)}m_{130}^{(20)}$$
$$-2m_{002}^{(10)}m_{102}^{(11)}m_{310}^{(21)} + 4m_{002}^{(10)}m_{102}^{(11)}m_{220}^{(20)} - 4m_{002}^{(10)}m_{102}^{(11)}m_{211}^{(10)} + 2m_{002}^{(10)}m_{102}^{(11)}m_{121}^{(00)}$$
$$-4m_{002}^{(10)}m_{102}^{(20)}m_{220}^{(11)} + 4m_{002}^{(10)}m_{102}^{(20)}m_{130}^{(10)} + 2m_{002}^{(10)}m_{102}^{(21)}m_{310}^{(11)} - 2m_{002}^{(10)}m_{102}^{(21)}m_{130}^{(00)}$$
$$-2m_{002}^{(10)}m_{030}^{(00)}m_{211}^{(22)} + 2m_{002}^{(10)}m_{030}^{(00)}m_{112}^{(20)} + 2m_{002}^{(10)}m_{030}^{(20)}m_{310}^{(22)} - 2m_{002}^{(10)}m_{030}^{(20)}m_{112}^{(00)}$$
$$-2m_{002}^{(10)}m_{030}^{(22)}m_{310}^{(20)} + 2m_{002}^{(10)}m_{030}^{(22)}m_{211}^{(00)} + 2m_{002}^{(10)}m_{021}^{(00)}m_{220}^{(22)} + 4m_{002}^{(10)}m_{021}^{(00)}m_{211}^{(21)}$$

$$
\begin{aligned}
&-4m_{002}^{(10)}m_{021}^{(00)}m_{121}^{(20)} - 2m_{002}^{(10)}m_{021}^{(00)}m_{112}^{(10)} - 2m_{002}^{(10)}m_{021}^{(10)}m_{310}^{(22)} + 2m_{002}^{(10)}m_{021}^{(10)}m_{112}^{(00)}\\
&-4m_{002}^{(10)}m_{021}^{(20)}m_{310}^{(21)} + 4m_{002}^{(10)}m_{021}^{(20)}m_{121}^{(00)} + 4m_{002}^{(10)}m_{021}^{(21)}m_{310}^{(20)} - 4m_{002}^{(10)}m_{021}^{(21)}m_{211}^{(00)}\\
&+2m_{002}^{(10)}m_{021}^{(22)}m_{310}^{(10)} - 2m_{002}^{(10)}m_{021}^{(22)}m_{220}^{(00)} - 4m_{002}^{(10)}m_{012}^{(00)}m_{220}^{(21)} - 2m_{002}^{(10)}m_{012}^{(00)}m_{211}^{(11)}\\
&+2m_{002}^{(10)}m_{012}^{(00)}m_{130}^{(20)} + 4m_{002}^{(10)}m_{012}^{(00)}m_{121}^{(10)} + 4m_{002}^{(10)}m_{012}^{(10)}m_{310}^{(21)} - 4m_{002}^{(10)}m_{012}^{(10)}m_{121}^{(00)}\\
&-2m_{002}^{(10)}m_{012}^{(11)}m_{310}^{(20)} + 2m_{002}^{(10)}m_{012}^{(11)}m_{211}^{(00)} + 2m_{002}^{(10)}m_{012}^{(20)}m_{310}^{(11)} - 2m_{002}^{(10)}m_{012}^{(20)}m_{130}^{(00)}\\
&-4m_{002}^{(10)}m_{012}^{(21)}m_{310}^{(10)} + 4m_{002}^{(10)}m_{012}^{(21)}m_{220}^{(00)} + 2m_{002}^{(10)}m_{003}^{(00)}m_{220}^{(11)} - 2m_{002}^{(10)}m_{003}^{(00)}m_{130}^{(10)}\\
&-2m_{002}^{(10)}m_{003}^{(10)}m_{310}^{(11)} + 2m_{002}^{(10)}m_{003}^{(10)}m_{130}^{(00)} + 2m_{002}^{(10)}m_{003}^{(11)}m_{310}^{(10)} - 2m_{002}^{(10)}m_{003}^{(11)}m_{220}^{(00)}\\
&-m_{002}^{(11)}m_{300}^{(11)}m_{211}^{(22)} + m_{002}^{(11)}m_{300}^{(11)}m_{202}^{(21)} + m_{002}^{(11)}m_{300}^{(21)}m_{220}^{(22)} - m_{002}^{(11)}m_{300}^{(21)}m_{202}^{(11)}\\
&-m_{002}^{(11)}m_{300}^{(22)}m_{220}^{(21)} + m_{002}^{(11)}m_{300}^{(22)}m_{211}^{(11)} + 2m_{002}^{(11)}m_{210}^{(10)}m_{211}^{(22)} - 2m_{002}^{(11)}m_{210}^{(10)}m_{202}^{(21)}\\
&+m_{002}^{(11)}m_{210}^{(11)}m_{301}^{(22)} - m_{002}^{(11)}m_{210}^{(11)}m_{202}^{(20)} - m_{002}^{(11)}m_{210}^{(20)}m_{220}^{(22)} + m_{002}^{(11)}m_{210}^{(20)}m_{202}^{(11)}\\
&-2m_{002}^{(11)}m_{210}^{(21)}m_{310}^{(22)} + 2m_{002}^{(11)}m_{210}^{(21)}m_{202}^{(10)} + 2m_{002}^{(11)}m_{210}^{(22)}m_{310}^{(21)} - m_{002}^{(11)}m_{210}^{(22)}m_{301}^{(11)}\\
&+m_{002}^{(11)}m_{210}^{(22)}m_{220}^{(20)} - 2m_{002}^{(11)}m_{210}^{(22)}m_{211}^{(10)} - m_{002}^{(11)}m_{201}^{(10)}m_{220}^{(22)} + m_{002}^{(11)}m_{201}^{(10)}m_{202}^{(11)}\\
&+m_{002}^{(11)}m_{201}^{(11)}m_{310}^{(22)} - 2m_{002}^{(11)}m_{201}^{(11)}m_{301}^{(21)} + 2m_{002}^{(11)}m_{201}^{(11)}m_{211}^{(20)} - m_{002}^{(11)}m_{201}^{(11)}m_{202}^{(10)}\\
&+2m_{002}^{(11)}m_{201}^{(20)}m_{220}^{(21)} - 2m_{002}^{(11)}m_{201}^{(20)}m_{211}^{(11)} + 2m_{002}^{(11)}m_{201}^{(21)}m_{301}^{(11)} - 2m_{002}^{(11)}m_{201}^{(21)}m_{220}^{(20)}\\
&-m_{002}^{(11)}m_{201}^{(22)}m_{310}^{(11)} + m_{002}^{(11)}m_{201}^{(22)}m_{220}^{(10)} - m_{002}^{(11)}m_{120}^{(00)}m_{211}^{(22)} + m_{002}^{(11)}m_{120}^{(00)}m_{202}^{(21)}\\
&-2m_{002}^{(11)}m_{120}^{(10)}m_{301}^{(22)} + 2m_{002}^{(11)}m_{120}^{(10)}m_{202}^{(20)} + 2m_{002}^{(11)}m_{120}^{(20)}m_{310}^{(22)} - 2m_{002}^{(11)}m_{120}^{(20)}m_{202}^{(10)}\\
&+m_{002}^{(11)}m_{120}^{(21)}m_{400}^{(22)} - m_{002}^{(11)}m_{120}^{(21)}m_{202}^{(00)} - m_{002}^{(11)}m_{120}^{(22)}m_{400}^{(21)} - 2m_{002}^{(11)}m_{120}^{(22)}m_{310}^{(20)}\\
&+2m_{002}^{(11)}m_{120}^{(22)}m_{301}^{(10)} + m_{002}^{(11)}m_{120}^{(22)}m_{211}^{(00)} + m_{002}^{(11)}m_{111}^{(00)}m_{220}^{(22)} - m_{002}^{(11)}m_{111}^{(00)}m_{202}^{(11)}\\
&+4m_{002}^{(11)}m_{111}^{(10)}m_{301}^{(21)} - 4m_{002}^{(11)}m_{111}^{(10)}m_{211}^{(20)} - m_{002}^{(11)}m_{111}^{(11)}m_{400}^{(22)} + m_{002}^{(11)}m_{111}^{(11)}m_{202}^{(00)}\\
&-4m_{002}^{(11)}m_{111}^{(20)}m_{310}^{(21)} + 4m_{002}^{(11)}m_{111}^{(20)}m_{211}^{(10)} + 4m_{002}^{(11)}m_{111}^{(21)}m_{310}^{(20)} - 4m_{002}^{(11)}m_{111}^{(21)}m_{301}^{(10)}\\
&+m_{002}^{(11)}m_{111}^{(22)}m_{400}^{(11)} - m_{002}^{(11)}m_{111}^{(22)}m_{220}^{(00)} - m_{002}^{(11)}m_{102}^{(00)}m_{220}^{(21)} + m_{002}^{(11)}m_{102}^{(00)}m_{211}^{(11)}\\
&-2m_{002}^{(11)}m_{102}^{(10)}m_{301}^{(11)} + 2m_{002}^{(11)}m_{102}^{(10)}m_{220}^{(20)} + m_{002}^{(11)}m_{102}^{(11)}m_{400}^{(21)} - 2m_{002}^{(11)}m_{102}^{(11)}m_{310}^{(20)}\\
&+2m_{002}^{(11)}m_{102}^{(11)}m_{301}^{(10)} - m_{002}^{(11)}m_{102}^{(11)}m_{211}^{(00)} + 2m_{002}^{(11)}m_{102}^{(20)}m_{310}^{(11)} - 2m_{002}^{(11)}m_{102}^{(20)}m_{220}^{(10)}\\
&-m_{002}^{(11)}m_{102}^{(21)}m_{400}^{(11)} + m_{002}^{(11)}m_{102}^{(21)}m_{220}^{(00)} + m_{002}^{(11)}m_{030}^{(00)}m_{301}^{(22)} - m_{002}^{(11)}m_{030}^{(00)}m_{202}^{(20)}\\
&-m_{002}^{(11)}m_{030}^{(20)}m_{400}^{(22)} + m_{002}^{(11)}m_{030}^{(20)}m_{202}^{(00)} + m_{002}^{(11)}m_{030}^{(22)}m_{400}^{(20)} - m_{002}^{(11)}m_{030}^{(22)}m_{301}^{(00)}\\
&-m_{002}^{(11)}m_{021}^{(00)}m_{310}^{(22)} - 2m_{002}^{(11)}m_{021}^{(00)}m_{301}^{(21)} + 2m_{002}^{(11)}m_{021}^{(00)}m_{211}^{(20)} + m_{002}^{(11)}m_{021}^{(00)}m_{202}^{(10)}\\
&+m_{002}^{(11)}m_{021}^{(10)}m_{400}^{(22)} - m_{002}^{(11)}m_{021}^{(10)}m_{202}^{(00)} + 2m_{002}^{(11)}m_{021}^{(20)}m_{400}^{(21)} - 2m_{002}^{(11)}m_{021}^{(20)}m_{211}^{(00)}\\
&-2m_{002}^{(11)}m_{021}^{(21)}m_{400}^{(20)} + 2m_{002}^{(11)}m_{021}^{(21)}m_{301}^{(00)} - m_{002}^{(11)}m_{021}^{(22)}m_{400}^{(10)} + m_{002}^{(11)}m_{021}^{(22)}m_{310}^{(00)}\\
&+2m_{002}^{(11)}m_{012}^{(00)}m_{310}^{(21)} + m_{002}^{(11)}m_{012}^{(00)}m_{301}^{(11)} - m_{002}^{(11)}m_{012}^{(00)}m_{220}^{(20)} - 2m_{002}^{(11)}m_{012}^{(00)}m_{211}^{(10)}\\
&-2m_{002}^{(11)}m_{012}^{(10)}m_{400}^{(21)} + 2m_{002}^{(11)}m_{012}^{(10)}m_{211}^{(00)} + m_{002}^{(11)}m_{012}^{(11)}m_{400}^{(20)} - m_{002}^{(11)}m_{012}^{(11)}m_{301}^{(00)}\\
&-m_{002}^{(11)}m_{012}^{(20)}m_{400}^{(11)} + m_{002}^{(11)}m_{012}^{(20)}m_{220}^{(00)} + 2m_{002}^{(11)}m_{012}^{(21)}m_{400}^{(10)} - 2m_{002}^{(11)}m_{012}^{(21)}m_{310}^{(00)}\\
&-m_{002}^{(11)}m_{003}^{(00)}m_{310}^{(11)} + m_{002}^{(11)}m_{003}^{(00)}m_{220}^{(10)} + m_{002}^{(11)}m_{003}^{(10)}m_{400}^{(11)} - m_{002}^{(11)}m_{003}^{(10)}m_{220}^{(00)}\\
&-m_{002}^{(11)}m_{003}^{(11)}m_{400}^{(10)} + m_{002}^{(11)}m_{003}^{(11)}m_{310}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{rrrrr}
V1 & V1 & 1 & 2 & 2\\
1 & 1 & V2 & V3 & V3\\
V2 & 2 & 2 & 3 & 3
\end{array}
$$



$$
\begin{aligned}
T_{149} \;=\;& -m_{200}^{(11)} m_{300}^{(11)} m_{013}^{(22)} + m_{200}^{(11)} m_{300}^{(11)} m_{004}^{(21)} + 2m_{200}^{(11)} m_{300}^{(21)} m_{022}^{(22)} - 2m_{200}^{(11)} m_{300}^{(21)} m_{013}^{(21)} \\
& - m_{200}^{(11)} m_{300}^{(22)} m_{031}^{(22)} + m_{200}^{(11)} m_{300}^{(22)} m_{022}^{(21)} + 2m_{200}^{(11)} m_{210}^{(10)} m_{013}^{(22)} - 2m_{200}^{(11)} m_{210}^{(10)} m_{004}^{(21)} \\
& + m_{200}^{(11)} m_{210}^{(11)} m_{103}^{(22)} - m_{200}^{(11)} m_{210}^{(11)} m_{004}^{(20)} - 2m_{200}^{(11)} m_{210}^{(20)} m_{022}^{(22)} + 2m_{200}^{(11)} m_{210}^{(20)} m_{013}^{(21)} \\
& - 4m_{200}^{(11)} m_{210}^{(21)} m_{112}^{(22)} + 2m_{200}^{(11)} m_{210}^{(21)} m_{103}^{(21)} + 2m_{200}^{(11)} m_{210}^{(21)} m_{013}^{(20)} + 3m_{200}^{(11)} m_{210}^{(22)} m_{121}^{(22)} \\
& - 2m_{200}^{(11)} m_{210}^{(22)} m_{112}^{(21)} - m_{200}^{(11)} m_{210}^{(22)} m_{022}^{(20)} - 2m_{200}^{(11)} m_{201}^{(10)} m_{022}^{(22)} + 2m_{200}^{(11)} m_{201}^{(10)} m_{013}^{(21)} \\
& + 2m_{200}^{(11)} m_{201}^{(11)} m_{112}^{(22)} - 3m_{200}^{(11)} m_{201}^{(11)} m_{103}^{(21)} + m_{200}^{(11)} m_{201}^{(11)} m_{013}^{(20)} + 2m_{200}^{(11)} m_{201}^{(20)} m_{031}^{(22)} \\
& - 2m_{200}^{(11)} m_{201}^{(20)} m_{022}^{(21)} - 2m_{200}^{(11)} m_{201}^{(21)} m_{121}^{(22)} + 4m_{200}^{(11)} m_{201}^{(21)} m_{112}^{(21)} - 2m_{200}^{(11)} m_{201}^{(21)} m_{022}^{(20)} \\
& - m_{200}^{(11)} m_{201}^{(22)} m_{121}^{(21)} + m_{200}^{(11)} m_{201}^{(22)} m_{031}^{(20)} - m_{200}^{(11)} m_{120}^{(00)} m_{013}^{(22)} + m_{200}^{(11)} m_{120}^{(00)} m_{004}^{(21)} \\
& - 2m_{200}^{(11)} m_{120}^{(10)} m_{103}^{(22)} + 2m_{200}^{(11)} m_{120}^{(10)} m_{004}^{(20)} + 4m_{200}^{(11)} m_{120}^{(20)} m_{112}^{(22)} - 2m_{200}^{(11)} m_{120}^{(20)} m_{103}^{(21)} \\
& - 2m_{200}^{(11)} m_{120}^{(20)} m_{013}^{(20)} + 2m_{200}^{(11)} m_{120}^{(21)} m_{202}^{(22)} - 2m_{200}^{(11)} m_{120}^{(21)} m_{103}^{(20)} - 3m_{200}^{(11)} m_{120}^{(22)} m_{211}^{(22)} \\
& + m_{200}^{(11)} m_{120}^{(22)} m_{202}^{(21)} + 2m_{200}^{(11)} m_{120}^{(22)} m_{112}^{(20)} + 2m_{200}^{(11)} m_{111}^{(00)} m_{022}^{(22)} - 2m_{200}^{(11)} m_{111}^{(00)} m_{013}^{(21)} \\
& + 4m_{200}^{(11)} m_{111}^{(10)} m_{103}^{(21)} - 4m_{200}^{(11)} m_{111}^{(10)} m_{013}^{(20)} - 2m_{200}^{(11)} m_{111}^{(11)} m_{202}^{(22)} + 2m_{200}^{(11)} m_{111}^{(11)} m_{103}^{(20)} \\
& - 4m_{200}^{(11)} m_{111}^{(20)} m_{121}^{(22)} + 4m_{200}^{(11)} m_{111}^{(20)} m_{022}^{(20)} + 4m_{200}^{(11)} m_{111}^{(21)} m_{211}^{(22)} - 4m_{200}^{(11)} m_{111}^{(21)} m_{202}^{(21)} \\
& + 2m_{200}^{(11)} m_{111}^{(22)} m_{211}^{(21)} - 2m_{200}^{(11)} m_{111}^{(22)} m_{121}^{(20)} - m_{200}^{(11)} m_{102}^{(00)} m_{031}^{(22)} + m_{200}^{(11)} m_{102}^{(00)} m_{022}^{(21)} \\
& + 2m_{200}^{(11)} m_{102}^{(10)} m_{121}^{(22)} - 4m_{200}^{(11)} m_{102}^{(10)} m_{112}^{(21)} + 2m_{200}^{(11)} m_{102}^{(10)} m_{022}^{(20)} - m_{200}^{(11)} m_{102}^{(11)} m_{211}^{(22)} \\
& + 3m_{200}^{(11)} m_{102}^{(11)} m_{202}^{(21)} - 2m_{200}^{(11)} m_{102}^{(11)} m_{112}^{(20)} + 2m_{200}^{(11)} m_{102}^{(20)} m_{121}^{(21)} - 2m_{200}^{(11)} m_{102}^{(20)} m_{031}^{(20)} \\
& - 2m_{200}^{(11)} m_{102}^{(21)} m_{211}^{(21)} + 2m_{200}^{(11)} m_{102}^{(21)} m_{121}^{(20)} + m_{200}^{(11)} m_{030}^{(00)} m_{103}^{(22)} - m_{200}^{(11)} m_{030}^{(00)} m_{004}^{(20)} \\
& - 2m_{200}^{(11)} m_{030}^{(20)} m_{202}^{(22)} + 2m_{200}^{(11)} m_{030}^{(20)} m_{103}^{(20)} + m_{200}^{(11)} m_{030}^{(22)} m_{301}^{(22)} - m_{200}^{(11)} m_{030}^{(22)} m_{202}^{(20)} \\
& - 2m_{200}^{(11)} m_{021}^{(00)} m_{112}^{(22)} - m_{200}^{(11)} m_{021}^{(00)} m_{103}^{(21)} + 3m_{200}^{(11)} m_{021}^{(00)} m_{013}^{(20)} + 2m_{200}^{(11)} m_{021}^{(10)} m_{202}^{(22)} \\
& - 2m_{200}^{(11)} m_{021}^{(10)} m_{103}^{(20)} + 2m_{200}^{(11)} m_{021}^{(20)} m_{211}^{(22)} + 2m_{200}^{(11)} m_{021}^{(20)} m_{202}^{(21)} - 4m_{200}^{(11)} m_{021}^{(20)} m_{112}^{(20)} \\
& - 2m_{200}^{(11)} m_{021}^{(21)} m_{301}^{(22)} + 2m_{200}^{(11)} m_{021}^{(21)} m_{202}^{(20)} - m_{200}^{(11)} m_{021}^{(22)} m_{301}^{(21)} + m_{200}^{(11)} m_{021}^{(22)} m_{211}^{(20)} \\
& + m_{200}^{(11)} m_{012}^{(00)} m_{121}^{(22)} + 2m_{200}^{(11)} m_{012}^{(00)} m_{112}^{(21)} - 3m_{200}^{(11)} m_{012}^{(00)} m_{022}^{(20)} - 2m_{200}^{(11)} m_{012}^{(10)} m_{211}^{(22)} \\
& - 2m_{200}^{(11)} m_{012}^{(10)} m_{202}^{(21)} + 4m_{200}^{(11)} m_{012}^{(10)} m_{112}^{(20)} + m_{200}^{(11)} m_{012}^{(11)} m_{301}^{(22)} - m_{200}^{(11)} m_{012}^{(11)} m_{202}^{(20)} \\
& - 2m_{200}^{(11)} m_{012}^{(20)} m_{211}^{(21)} + 2m_{200}^{(11)} m_{012}^{(20)} m_{121}^{(20)} + 2m_{200}^{(11)} m_{012}^{(21)} m_{301}^{(21)} - 2m_{200}^{(11)} m_{012}^{(21)} m_{211}^{(20)} \\
& - m_{200}^{(11)} m_{003}^{(00)} m_{121}^{(21)} + m_{200}^{(11)} m_{003}^{(00)} m_{031}^{(20)} + 2m_{200}^{(11)} m_{003}^{(10)} m_{211}^{(21)} - 2m_{200}^{(11)} m_{003}^{(10)} m_{121}^{(20)} \\
& - m_{200}^{(11)} m_{003}^{(11)} m_{301}^{(21)} + m_{200}^{(11)} m_{003}^{(11)} m_{211}^{(20)} + m_{200}^{(21)} m_{300}^{(11)} m_{022}^{(22)} - m_{200}^{(21)} m_{300}^{(11)} m_{004}^{(11)} \\
& - 2m_{200}^{(21)} m_{300}^{(21)} m_{031}^{(22)} + 2m_{200}^{(21)} m_{300}^{(21)} m_{013}^{(11)} + m_{200}^{(21)} m_{300}^{(22)} m_{040}^{(22)} - m_{200}^{(21)} m_{300}^{(22)} m_{022}^{(11)} \\
& - 2m_{200}^{(21)} m_{210}^{(10)} m_{022}^{(22)} + 2m_{200}^{(21)} m_{210}^{(10)} m_{004}^{(11)} - m_{200}^{(21)} m_{210}^{(11)} m_{112}^{(22)} - m_{200}^{(21)} m_{210}^{(11)} m_{103}^{(21)}
\end{aligned}
$$

$$+m_{200}^{(21)}m_{210}^{(11)}m_{013}^{(20)}+m_{200}^{(21)}m_{210}^{(11)}m_{004}^{(10)}+2m_{200}^{(21)}m_{210}^{(20)}m_{031}^{(22)}-2m_{200}^{(21)}m_{210}^{(20)}m_{013}^{(11)}$$
$$+4m_{200}^{(21)}m_{210}^{(21)}m_{121}^{(22)}+2m_{200}^{(21)}m_{210}^{(21)}m_{112}^{(21)}-2m_{200}^{(21)}m_{210}^{(21)}m_{103}^{(11)}-2m_{200}^{(21)}m_{210}^{(21)}m_{022}^{(20)}$$
$$-2m_{200}^{(21)}m_{210}^{(21)}m_{013}^{(10)}-3m_{200}^{(21)}m_{210}^{(22)}m_{130}^{(22)}-m_{200}^{(21)}m_{210}^{(22)}m_{121}^{(21)}+2m_{200}^{(21)}m_{210}^{(22)}m_{112}^{(11)}$$
$$+m_{200}^{(21)}m_{210}^{(22)}m_{031}^{(20)}+m_{200}^{(21)}m_{210}^{(22)}m_{022}^{(10)}+2m_{200}^{(21)}m_{201}^{(10)}m_{031}^{(22)}-2m_{200}^{(21)}m_{201}^{(10)}m_{013}^{(11)}$$
$$-2m_{200}^{(21)}m_{201}^{(11)}m_{121}^{(22)}+m_{200}^{(21)}m_{201}^{(11)}m_{112}^{(21)}+3m_{200}^{(21)}m_{201}^{(11)}m_{103}^{(11)}-m_{200}^{(21)}m_{201}^{(11)}m_{022}^{(20)}$$
$$-m_{200}^{(21)}m_{201}^{(11)}m_{013}^{(10)}-2m_{200}^{(21)}m_{201}^{(20)}m_{040}^{(22)}+2m_{200}^{(21)}m_{201}^{(20)}m_{022}^{(11)}+2m_{200}^{(21)}m_{201}^{(21)}m_{130}^{(22)}$$
$$-2m_{200}^{(21)}m_{201}^{(21)}m_{121}^{(21)}-4m_{200}^{(21)}m_{201}^{(21)}m_{112}^{(11)}+2m_{200}^{(21)}m_{201}^{(21)}m_{031}^{(20)}+2m_{200}^{(21)}m_{201}^{(21)}m_{022}^{(10)}$$
$$+m_{200}^{(21)}m_{201}^{(22)}m_{130}^{(21)}+m_{200}^{(21)}m_{201}^{(22)}m_{121}^{(11)}-m_{200}^{(21)}m_{201}^{(22)}m_{040}^{(20)}-m_{200}^{(21)}m_{201}^{(22)}m_{031}^{(10)}$$
$$+m_{200}^{(21)}m_{120}^{(00)}m_{022}^{(22)}-m_{200}^{(21)}m_{120}^{(00)}m_{004}^{(11)}+2m_{200}^{(21)}m_{120}^{(10)}m_{112}^{(22)}+2m_{200}^{(21)}m_{120}^{(10)}m_{103}^{(21)}$$
$$-2m_{200}^{(21)}m_{120}^{(10)}m_{013}^{(20)}-2m_{200}^{(21)}m_{120}^{(10)}m_{004}^{(10)}-4m_{200}^{(21)}m_{120}^{(20)}m_{121}^{(22)}-2m_{200}^{(21)}m_{120}^{(20)}m_{112}^{(21)}$$
$$+2m_{200}^{(21)}m_{120}^{(20)}m_{103}^{(11)}+2m_{200}^{(21)}m_{120}^{(20)}m_{022}^{(20)}+2m_{200}^{(21)}m_{120}^{(20)}m_{013}^{(10)}-2m_{200}^{(21)}m_{120}^{(21)}m_{211}^{(22)}$$
$$-2m_{200}^{(21)}m_{120}^{(21)}m_{202}^{(21)}+2m_{200}^{(21)}m_{120}^{(21)}m_{112}^{(20)}+2m_{200}^{(21)}m_{120}^{(21)}m_{103}^{(10)}+3m_{200}^{(21)}m_{120}^{(22)}m_{220}^{(22)}$$
$$+2m_{200}^{(21)}m_{120}^{(22)}m_{211}^{(21)}-m_{200}^{(21)}m_{120}^{(22)}m_{202}^{(11)}-2m_{200}^{(21)}m_{120}^{(22)}m_{121}^{(20)}-2m_{200}^{(21)}m_{120}^{(22)}m_{112}^{(10)}$$
$$-2m_{200}^{(21)}m_{111}^{(00)}m_{031}^{(22)}+2m_{200}^{(21)}m_{111}^{(00)}m_{013}^{(11)}-4m_{200}^{(21)}m_{111}^{(10)}m_{112}^{(21)}-4m_{200}^{(21)}m_{111}^{(10)}m_{103}^{(11)}$$
$$+4m_{200}^{(21)}m_{111}^{(10)}m_{022}^{(20)}+4m_{200}^{(21)}m_{111}^{(10)}m_{013}^{(10)}+2m_{200}^{(21)}m_{111}^{(11)}m_{211}^{(22)}+2m_{200}^{(21)}m_{111}^{(11)}m_{202}^{(21)}$$
$$-2m_{200}^{(21)}m_{111}^{(11)}m_{112}^{(20)}-2m_{200}^{(21)}m_{111}^{(11)}m_{103}^{(10)}+4m_{200}^{(21)}m_{111}^{(20)}m_{130}^{(22)}+4m_{200}^{(21)}m_{111}^{(20)}m_{121}^{(21)}$$
$$-4m_{200}^{(21)}m_{111}^{(20)}m_{031}^{(20)}-4m_{200}^{(21)}m_{111}^{(20)}m_{022}^{(10)}-4m_{200}^{(21)}m_{111}^{(21)}m_{220}^{(22)}+4m_{200}^{(21)}m_{111}^{(21)}m_{202}^{(11)}$$
$$-2m_{200}^{(21)}m_{111}^{(22)}m_{220}^{(21)}-2m_{200}^{(21)}m_{111}^{(22)}m_{211}^{(11)}+2m_{200}^{(21)}m_{111}^{(22)}m_{130}^{(20)}+2m_{200}^{(21)}m_{111}^{(22)}m_{121}^{(10)}$$
$$+m_{200}^{(21)}m_{102}^{(00)}m_{040}^{(22)}-m_{200}^{(21)}m_{102}^{(00)}m_{022}^{(11)}-2m_{200}^{(21)}m_{102}^{(10)}m_{130}^{(22)}+2m_{200}^{(21)}m_{102}^{(10)}m_{121}^{(21)}$$
$$+4m_{200}^{(21)}m_{102}^{(10)}m_{112}^{(11)}-2m_{200}^{(21)}m_{102}^{(10)}m_{031}^{(20)}-2m_{200}^{(21)}m_{102}^{(10)}m_{022}^{(10)}+m_{200}^{(21)}m_{102}^{(11)}m_{220}^{(22)}$$
$$-2m_{200}^{(21)}m_{102}^{(11)}m_{211}^{(21)}-3m_{200}^{(21)}m_{102}^{(11)}m_{202}^{(11)}+2m_{200}^{(21)}m_{102}^{(11)}m_{121}^{(20)}+2m_{200}^{(21)}m_{102}^{(11)}m_{112}^{(10)}$$
$$-2m_{200}^{(21)}m_{102}^{(20)}m_{130}^{(21)}-2m_{200}^{(21)}m_{102}^{(20)}m_{121}^{(11)}+2m_{200}^{(21)}m_{102}^{(20)}m_{040}^{(20)}+2m_{200}^{(21)}m_{102}^{(20)}m_{031}^{(10)}$$
$$+2m_{200}^{(21)}m_{102}^{(21)}m_{220}^{(21)}+2m_{200}^{(21)}m_{102}^{(21)}m_{211}^{(11)}-2m_{200}^{(21)}m_{102}^{(21)}m_{130}^{(20)}-2m_{200}^{(21)}m_{102}^{(21)}m_{121}^{(10)}$$
$$-m_{200}^{(21)}m_{030}^{(00)}m_{112}^{(22)}-m_{200}^{(21)}m_{030}^{(00)}m_{103}^{(21)}+m_{200}^{(21)}m_{030}^{(00)}m_{013}^{(20)}+m_{200}^{(21)}m_{030}^{(00)}m_{004}^{(10)}$$
$$+2m_{200}^{(21)}m_{030}^{(20)}m_{211}^{(22)}+2m_{200}^{(21)}m_{030}^{(20)}m_{202}^{(21)}-2m_{200}^{(21)}m_{030}^{(20)}m_{112}^{(20)}-2m_{200}^{(21)}m_{030}^{(20)}m_{103}^{(10)}$$
$$-m_{200}^{(21)}m_{030}^{(22)}m_{310}^{(22)}-m_{200}^{(21)}m_{030}^{(22)}m_{301}^{(21)}+m_{200}^{(21)}m_{030}^{(22)}m_{211}^{(20)}+m_{200}^{(21)}m_{030}^{(22)}m_{202}^{(10)}$$
$$+2m_{200}^{(21)}m_{021}^{(00)}m_{121}^{(22)}+3m_{200}^{(21)}m_{021}^{(00)}m_{112}^{(21)}+m_{200}^{(21)}m_{021}^{(00)}m_{103}^{(11)}-3m_{200}^{(21)}m_{021}^{(00)}m_{022}^{(20)}$$
$$-3m_{200}^{(21)}m_{021}^{(00)}m_{013}^{(10)}-2m_{200}^{(21)}m_{021}^{(10)}m_{211}^{(22)}-2m_{200}^{(21)}m_{021}^{(10)}m_{202}^{(21)}+2m_{200}^{(21)}m_{021}^{(10)}m_{112}^{(20)}$$
$$+2m_{200}^{(21)}m_{021}^{(10)}m_{103}^{(10)}-2m_{200}^{(21)}m_{021}^{(20)}m_{220}^{(22)}-4m_{200}^{(21)}m_{021}^{(20)}m_{211}^{(21)}-2m_{200}^{(21)}m_{021}^{(20)}m_{202}^{(11)}$$
$$+4m_{200}^{(21)}m_{021}^{(20)}m_{121}^{(20)}+4m_{200}^{(21)}m_{021}^{(20)}m_{112}^{(10)}+2m_{200}^{(21)}m_{021}^{(21)}m_{310}^{(22)}+2m_{200}^{(21)}m_{021}^{(21)}m_{301}^{(21)}$$
$$-2m_{200}^{(21)}m_{021}^{(21)}m_{211}^{(20)}-2m_{200}^{(21)}m_{021}^{(21)}m_{202}^{(10)}+m_{200}^{(21)}m_{021}^{(22)}m_{310}^{(21)}+m_{200}^{(21)}m_{021}^{(22)}m_{301}^{(11)}$$
$$-m_{200}^{(21)}m_{021}^{(22)}m_{220}^{(20)}-m_{200}^{(21)}m_{021}^{(22)}m_{211}^{(10)}-m_{200}^{(21)}m_{012}^{(00)}m_{130}^{(22)}-3m_{200}^{(21)}m_{012}^{(00)}m_{121}^{(21)}$$
$$-2m_{200}^{(21)}m_{012}^{(00)}m_{112}^{(11)}+3m_{200}^{(21)}m_{012}^{(00)}m_{031}^{(20)}+3m_{200}^{(21)}m_{012}^{(00)}m_{022}^{(10)}+2m_{200}^{(21)}m_{012}^{(10)}m_{220}^{(22)}$$
$$+4m_{200}^{(21)}m_{012}^{(10)}m_{211}^{(21)}+2m_{200}^{(21)}m_{012}^{(10)}m_{202}^{(11)}-4m_{200}^{(21)}m_{012}^{(20)}m_{121}^{(20)}-4m_{200}^{(21)}m_{012}^{(10)}m_{112}^{(10)}$$
$$-m_{200}^{(21)}m_{012}^{(11)}m_{310}^{(22)}-m_{200}^{(21)}m_{012}^{(11)}m_{301}^{(21)}+m_{200}^{(21)}m_{012}^{(11)}m_{211}^{(20)}+m_{200}^{(21)}m_{012}^{(11)}m_{202}^{(10)}$$
$$+2m_{200}^{(21)}m_{012}^{(20)}m_{220}^{(21)}+2m_{200}^{(21)}m_{012}^{(20)}m_{211}^{(11)}-2m_{200}^{(21)}m_{012}^{(20)}m_{130}^{(20)}-2m_{200}^{(21)}m_{012}^{(20)}m_{121}^{(10)}$$
$$-2m_{200}^{(21)}m_{012}^{(21)}m_{310}^{(21)}-2m_{200}^{(21)}m_{012}^{(21)}m_{301}^{(11)}+2m_{200}^{(21)}m_{012}^{(21)}m_{220}^{(20)}+2m_{200}^{(21)}m_{012}^{(21)}m_{211}^{(10)}$$
$$+m_{200}^{(21)}m_{003}^{(00)}m_{130}^{(21)}+m_{200}^{(21)}m_{003}^{(00)}m_{121}^{(11)}-m_{200}^{(21)}m_{003}^{(00)}m_{040}^{(20)}-m_{200}^{(21)}m_{003}^{(00)}m_{031}^{(10)}$$

$$
\begin{aligned}
&-2m_{200}^{(21)}m_{003}^{(10)}m_{220}^{(21)} - 2m_{200}^{(21)}m_{003}^{(10)}m_{211}^{(11)} + 2m_{200}^{(21)}m_{003}^{(10)}m_{130}^{(20)} + 2m_{200}^{(21)}m_{003}^{(10)}m_{121}^{(10)}\\
&+m_{200}^{(21)}m_{003}^{(11)}m_{310}^{(21)} + m_{200}^{(21)}m_{003}^{(11)}m_{301}^{(11)} - m_{200}^{(21)}m_{003}^{(11)}m_{220}^{(20)} - m_{200}^{(21)}m_{003}^{(11)}m_{211}^{(10)}\\
&-m_{200}^{(22)}m_{300}^{(11)}m_{022}^{(21)} + m_{200}^{(22)}m_{300}^{(11)}m_{013}^{(11)} + 2m_{200}^{(22)}m_{300}^{(21)}m_{031}^{(21)} - 2m_{200}^{(22)}m_{300}^{(21)}m_{022}^{(11)}\\
&-m_{200}^{(22)}m_{300}^{(22)}m_{040}^{(21)} + m_{200}^{(22)}m_{300}^{(22)}m_{031}^{(11)} + 2m_{200}^{(22)}m_{210}^{(10)}m_{022}^{(21)} - 2m_{200}^{(22)}m_{210}^{(10)}m_{013}^{(11)}\\
&+m_{200}^{(22)}m_{210}^{(11)}m_{112}^{(21)} - m_{200}^{(22)}m_{210}^{(11)}m_{013}^{(10)} - 2m_{200}^{(22)}m_{210}^{(20)}m_{031}^{(21)} + 2m_{200}^{(22)}m_{210}^{(20)}m_{022}^{(11)}\\
&-4m_{200}^{(22)}m_{210}^{(21)}m_{121}^{(21)} + 2m_{200}^{(22)}m_{210}^{(21)}m_{112}^{(11)} + 2m_{200}^{(22)}m_{210}^{(21)}m_{022}^{(10)} + 3m_{200}^{(22)}m_{210}^{(22)}m_{130}^{(21)}\\
&-2m_{200}^{(22)}m_{210}^{(22)}m_{121}^{(11)} - m_{200}^{(22)}m_{210}^{(22)}m_{031}^{(10)} - 2m_{200}^{(22)}m_{201}^{(10)}m_{031}^{(21)} + 2m_{200}^{(22)}m_{201}^{(10)}m_{022}^{(11)}\\
&+2m_{200}^{(22)}m_{201}^{(11)}m_{121}^{(21)} - 3m_{200}^{(22)}m_{201}^{(11)}m_{112}^{(11)} + m_{200}^{(22)}m_{201}^{(11)}m_{022}^{(10)} + 2m_{200}^{(22)}m_{201}^{(20)}m_{040}^{(21)}\\
&-2m_{200}^{(22)}m_{201}^{(20)}m_{031}^{(11)} - 2m_{200}^{(22)}m_{201}^{(21)}m_{130}^{(21)} + 4m_{200}^{(22)}m_{201}^{(21)}m_{121}^{(11)} - 2m_{200}^{(22)}m_{201}^{(21)}m_{031}^{(10)}\\
&-m_{200}^{(22)}m_{201}^{(22)}m_{130}^{(11)} + m_{200}^{(22)}m_{201}^{(22)}m_{040}^{(10)} - m_{200}^{(22)}m_{120}^{(00)}m_{022}^{(21)} + m_{200}^{(22)}m_{120}^{(00)}m_{013}^{(11)}\\
&-2m_{200}^{(22)}m_{120}^{(10)}m_{112}^{(21)} + 2m_{200}^{(22)}m_{120}^{(10)}m_{013}^{(10)} + 4m_{200}^{(22)}m_{120}^{(20)}m_{121}^{(21)} - 2m_{200}^{(22)}m_{120}^{(20)}m_{112}^{(11)}\\
&-2m_{200}^{(22)}m_{120}^{(20)}m_{022}^{(10)} + 2m_{200}^{(22)}m_{120}^{(21)}m_{211}^{(21)} - 2m_{200}^{(22)}m_{120}^{(21)}m_{112}^{(10)} - 3m_{200}^{(22)}m_{120}^{(22)}m_{220}^{(21)}\\
&+m_{200}^{(22)}m_{120}^{(22)}m_{211}^{(11)} + 2m_{200}^{(22)}m_{120}^{(22)}m_{121}^{(10)} + 2m_{200}^{(22)}m_{111}^{(00)}m_{031}^{(21)} - 2m_{200}^{(22)}m_{111}^{(00)}m_{022}^{(11)}\\
&+4m_{200}^{(22)}m_{111}^{(10)}m_{112}^{(11)} - 4m_{200}^{(22)}m_{111}^{(10)}m_{022}^{(10)} - 2m_{200}^{(22)}m_{111}^{(11)}m_{211}^{(21)} + 2m_{200}^{(22)}m_{111}^{(11)}m_{112}^{(10)}\\
&-4m_{200}^{(22)}m_{111}^{(20)}m_{130}^{(21)} + 4m_{200}^{(22)}m_{111}^{(20)}m_{031}^{(10)} + 4m_{200}^{(22)}m_{111}^{(21)}m_{220}^{(21)} - 4m_{200}^{(22)}m_{111}^{(21)}m_{211}^{(11)}\\
&+2m_{200}^{(22)}m_{111}^{(22)}m_{220}^{(11)} - 2m_{200}^{(22)}m_{111}^{(22)}m_{130}^{(10)} - m_{200}^{(22)}m_{102}^{(00)}m_{040}^{(21)} + m_{200}^{(22)}m_{102}^{(00)}m_{031}^{(11)}\\
&+2m_{200}^{(22)}m_{102}^{(10)}m_{130}^{(21)} - 4m_{200}^{(22)}m_{102}^{(10)}m_{121}^{(11)} + 2m_{200}^{(22)}m_{102}^{(10)}m_{031}^{(10)} - m_{200}^{(22)}m_{102}^{(11)}m_{220}^{(21)}\\
&+3m_{200}^{(22)}m_{102}^{(11)}m_{211}^{(11)} - 2m_{200}^{(22)}m_{102}^{(11)}m_{121}^{(10)} + 2m_{200}^{(22)}m_{102}^{(20)}m_{130}^{(11)} - 2m_{200}^{(22)}m_{102}^{(20)}m_{040}^{(10)}\\
&-2m_{200}^{(22)}m_{102}^{(21)}m_{220}^{(11)} + 2m_{200}^{(22)}m_{102}^{(21)}m_{130}^{(10)} + m_{200}^{(22)}m_{030}^{(00)}m_{112}^{(21)} - m_{200}^{(22)}m_{030}^{(00)}m_{013}^{(10)}\\
&-2m_{200}^{(22)}m_{030}^{(20)}m_{211}^{(21)} + 2m_{200}^{(22)}m_{030}^{(20)}m_{112}^{(10)} + m_{200}^{(22)}m_{030}^{(22)}m_{310}^{(21)} - m_{200}^{(22)}m_{030}^{(22)}m_{211}^{(10)}\\
&-2m_{200}^{(22)}m_{021}^{(00)}m_{121}^{(21)} - m_{200}^{(22)}m_{021}^{(00)}m_{112}^{(11)} + 3m_{200}^{(22)}m_{021}^{(00)}m_{022}^{(10)} + 2m_{200}^{(22)}m_{021}^{(10)}m_{211}^{(21)}\\
&-2m_{200}^{(22)}m_{021}^{(10)}m_{112}^{(10)} + 2m_{200}^{(22)}m_{021}^{(20)}m_{220}^{(21)} + 2m_{200}^{(22)}m_{021}^{(20)}m_{211}^{(11)} - 4m_{200}^{(22)}m_{021}^{(20)}m_{121}^{(10)}\\
&-2m_{200}^{(22)}m_{021}^{(21)}m_{310}^{(21)} + 2m_{200}^{(22)}m_{021}^{(21)}m_{211}^{(10)} - m_{200}^{(22)}m_{021}^{(22)}m_{310}^{(11)} + m_{200}^{(22)}m_{021}^{(22)}m_{220}^{(10)}\\
&+m_{200}^{(22)}m_{012}^{(00)}m_{130}^{(21)} + 2m_{200}^{(22)}m_{012}^{(00)}m_{121}^{(11)} - 3m_{200}^{(22)}m_{012}^{(00)}m_{031}^{(10)} - 2m_{200}^{(22)}m_{012}^{(10)}m_{220}^{(21)}\\
&-2m_{200}^{(22)}m_{012}^{(10)}m_{211}^{(11)} + 4m_{200}^{(22)}m_{012}^{(10)}m_{121}^{(10)} + m_{200}^{(22)}m_{012}^{(11)}m_{310}^{(21)} - m_{200}^{(22)}m_{012}^{(11)}m_{211}^{(10)}\\
&-2m_{200}^{(22)}m_{012}^{(20)}m_{220}^{(11)} + 2m_{200}^{(22)}m_{012}^{(20)}m_{130}^{(10)} + 2m_{200}^{(22)}m_{012}^{(21)}m_{310}^{(11)} - 2m_{200}^{(22)}m_{012}^{(21)}m_{220}^{(10)}\\
&-m_{200}^{(22)}m_{003}^{(00)}m_{130}^{(11)} + m_{200}^{(22)}m_{003}^{(00)}m_{040}^{(10)} + 2m_{200}^{(22)}m_{003}^{(10)}m_{220}^{(11)} - 2m_{200}^{(22)}m_{003}^{(10)}m_{130}^{(10)}\\
&-m_{200}^{(22)}m_{003}^{(11)}m_{310}^{(11)} + m_{200}^{(22)}m_{003}^{(11)}m_{220}^{(10)} + 2m_{110}^{(10)}m_{300}^{(11)}m_{013}^{(22)} - 2m_{110}^{(10)}m_{300}^{(11)}m_{004}^{(21)}\\
&-4m_{110}^{(10)}m_{300}^{(21)}m_{022}^{(22)} + 4m_{110}^{(10)}m_{300}^{(21)}m_{013}^{(21)} + 2m_{110}^{(10)}m_{300}^{(22)}m_{031}^{(22)} - 2m_{110}^{(10)}m_{300}^{(22)}m_{022}^{(21)}\\
&-4m_{110}^{(10)}m_{210}^{(10)}m_{013}^{(22)} + 4m_{110}^{(10)}m_{210}^{(10)}m_{004}^{(21)} - 2m_{110}^{(10)}m_{210}^{(11)}m_{103}^{(22)} + 2m_{110}^{(10)}m_{210}^{(11)}m_{004}^{(20)}\\
&+4m_{110}^{(10)}m_{210}^{(20)}m_{022}^{(22)} - 4m_{110}^{(10)}m_{210}^{(20)}m_{013}^{(21)} + 8m_{110}^{(10)}m_{210}^{(21)}m_{112}^{(22)} - 4m_{110}^{(10)}m_{210}^{(21)}m_{103}^{(21)}\\
&-4m_{110}^{(10)}m_{210}^{(21)}m_{013}^{(20)} - 6m_{110}^{(10)}m_{210}^{(22)}m_{121}^{(22)} + 4m_{110}^{(10)}m_{210}^{(22)}m_{112}^{(21)} + 2m_{110}^{(10)}m_{210}^{(22)}m_{022}^{(20)}\\
&+4m_{110}^{(10)}m_{201}^{(10)}m_{022}^{(22)} - 4m_{110}^{(10)}m_{201}^{(10)}m_{013}^{(21)} - 4m_{110}^{(10)}m_{201}^{(11)}m_{112}^{(22)} + 6m_{110}^{(10)}m_{201}^{(11)}m_{103}^{(21)}\\
&-2m_{110}^{(10)}m_{201}^{(11)}m_{013}^{(20)} - 4m_{110}^{(10)}m_{201}^{(20)}m_{031}^{(22)} + 4m_{110}^{(10)}m_{201}^{(20)}m_{022}^{(21)} + 4m_{110}^{(10)}m_{201}^{(21)}m_{121}^{(22)}\\
&-8m_{110}^{(10)}m_{201}^{(21)}m_{112}^{(21)} + 4m_{110}^{(10)}m_{201}^{(21)}m_{022}^{(20)} + 2m_{110}^{(10)}m_{201}^{(22)}m_{121}^{(21)} - 2m_{110}^{(10)}m_{201}^{(22)}m_{031}^{(20)}\\
&+2m_{110}^{(10)}m_{120}^{(00)}m_{013}^{(22)} - 2m_{110}^{(10)}m_{120}^{(00)}m_{004}^{(21)} + 4m_{110}^{(10)}m_{120}^{(10)}m_{103}^{(22)} - 4m_{110}^{(10)}m_{120}^{(10)}m_{004}^{(20)}\\
&-8m_{110}^{(10)}m_{120}^{(20)}m_{112}^{(22)} + 4m_{110}^{(10)}m_{120}^{(20)}m_{103}^{(21)} + 4m_{110}^{(10)}m_{120}^{(20)}m_{013}^{(20)} - 4m_{110}^{(10)}m_{120}^{(21)}m_{202}^{(22)}\\
&+4m_{110}^{(10)}m_{120}^{(21)}m_{103}^{(20)} + 6m_{110}^{(10)}m_{120}^{(22)}m_{211}^{(22)} - 2m_{110}^{(10)}m_{120}^{(22)}m_{202}^{(21)} - 4m_{110}^{(10)}m_{120}^{(22)}m_{112}^{(20)}
\end{aligned}
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$$
\begin{aligned}
&-4m_{110}^{(10)}m_{111}^{(00)}m_{022}^{(22)} + 4m_{110}^{(10)}m_{111}^{(00)}m_{013}^{(21)} - 8m_{110}^{(10)}m_{111}^{(10)}m_{103}^{(21)} + 8m_{110}^{(10)}m_{111}^{(10)}m_{013}^{(20)} \\
&+4m_{110}^{(10)}m_{111}^{(11)}m_{202}^{(22)} - 4m_{110}^{(10)}m_{111}^{(11)}m_{103}^{(20)} + 8m_{110}^{(10)}m_{111}^{(20)}m_{121}^{(22)} - 8m_{110}^{(10)}m_{111}^{(20)}m_{022}^{(20)} \\
&-8m_{110}^{(10)}m_{111}^{(21)}m_{211}^{(22)} + 8m_{110}^{(10)}m_{111}^{(21)}m_{202}^{(21)} - 4m_{110}^{(10)}m_{111}^{(22)}m_{211}^{(21)} + 4m_{110}^{(10)}m_{111}^{(22)}m_{121}^{(20)} \\
&+2m_{110}^{(10)}m_{102}^{(00)}m_{031}^{(22)} - 2m_{110}^{(10)}m_{102}^{(00)}m_{022}^{(21)} - 4m_{110}^{(10)}m_{102}^{(10)}m_{121}^{(22)} + 8m_{110}^{(10)}m_{102}^{(10)}m_{112}^{(21)} \\
&-4m_{110}^{(10)}m_{102}^{(10)}m_{022}^{(20)} + 2m_{110}^{(10)}m_{102}^{(11)}m_{211}^{(22)} - 6m_{110}^{(10)}m_{102}^{(11)}m_{202}^{(21)} + 4m_{110}^{(10)}m_{102}^{(11)}m_{112}^{(20)} \\
&-4m_{110}^{(10)}m_{102}^{(20)}m_{121}^{(21)} + 4m_{110}^{(10)}m_{102}^{(20)}m_{031}^{(20)} + 4m_{110}^{(10)}m_{102}^{(21)}m_{211}^{(21)} - 4m_{110}^{(10)}m_{102}^{(21)}m_{121}^{(20)} \\
&-2m_{110}^{(10)}m_{030}^{(00)}m_{103}^{(22)} + 2m_{110}^{(10)}m_{030}^{(00)}m_{004}^{(20)} + 4m_{110}^{(10)}m_{030}^{(20)}m_{202}^{(22)} - 4m_{110}^{(10)}m_{030}^{(20)}m_{103}^{(20)} \\
&-2m_{110}^{(10)}m_{030}^{(22)}m_{301}^{(22)} + 2m_{110}^{(10)}m_{030}^{(22)}m_{202}^{(20)} + 4m_{110}^{(10)}m_{021}^{(00)}m_{112}^{(22)} + 2m_{110}^{(10)}m_{021}^{(00)}m_{103}^{(21)} \\
&-6m_{110}^{(10)}m_{021}^{(00)}m_{013}^{(20)} - 4m_{110}^{(10)}m_{021}^{(10)}m_{202}^{(22)} + 4m_{110}^{(10)}m_{021}^{(10)}m_{103}^{(20)} - 4m_{110}^{(10)}m_{021}^{(20)}m_{211}^{(22)} \\
&-4m_{110}^{(10)}m_{021}^{(20)}m_{202}^{(21)} + 8m_{110}^{(10)}m_{021}^{(20)}m_{112}^{(20)} + 4m_{110}^{(10)}m_{021}^{(21)}m_{301}^{(22)} - 4m_{110}^{(10)}m_{021}^{(21)}m_{202}^{(20)} \\
&+2m_{110}^{(10)}m_{021}^{(22)}m_{301}^{(21)} - 2m_{110}^{(10)}m_{021}^{(22)}m_{211}^{(20)} - 2m_{110}^{(10)}m_{012}^{(00)}m_{121}^{(22)} - 4m_{110}^{(10)}m_{012}^{(00)}m_{112}^{(21)} \\
&+6m_{110}^{(10)}m_{012}^{(00)}m_{022}^{(20)} + 4m_{110}^{(10)}m_{012}^{(10)}m_{211}^{(22)} + 4m_{110}^{(10)}m_{012}^{(10)}m_{202}^{(21)} - 8m_{110}^{(10)}m_{012}^{(10)}m_{112}^{(20)} \\
&-2m_{110}^{(10)}m_{012}^{(11)}m_{301}^{(22)} + 2m_{110}^{(10)}m_{012}^{(11)}m_{202}^{(20)} + 4m_{110}^{(10)}m_{012}^{(20)}m_{211}^{(21)} - 4m_{110}^{(10)}m_{012}^{(20)}m_{121}^{(20)} \\
&-4m_{110}^{(10)}m_{012}^{(21)}m_{301}^{(21)} + 4m_{110}^{(10)}m_{012}^{(21)}m_{211}^{(20)} + 2m_{110}^{(10)}m_{003}^{(00)}m_{121}^{(21)} - 2m_{110}^{(10)}m_{003}^{(00)}m_{031}^{(20)} \\
&-4m_{110}^{(10)}m_{003}^{(10)}m_{211}^{(21)} + 4m_{110}^{(10)}m_{003}^{(10)}m_{121}^{(20)} + 2m_{110}^{(10)}m_{003}^{(11)}m_{301}^{(21)} - 2m_{110}^{(10)}m_{003}^{(11)}m_{211}^{(20)} \\
&-m_{110}^{(20)}m_{300}^{(11)}m_{022}^{(22)} + m_{110}^{(20)}m_{300}^{(11)}m_{004}^{(11)} + 2m_{110}^{(20)}m_{300}^{(21)}m_{031}^{(22)} - 2m_{110}^{(20)}m_{300}^{(21)}m_{013}^{(11)} \\
&-m_{110}^{(20)}m_{300}^{(22)}m_{040}^{(22)} + m_{110}^{(20)}m_{300}^{(22)}m_{022}^{(11)} + 2m_{110}^{(20)}m_{210}^{(10)}m_{022}^{(22)} - 2m_{110}^{(20)}m_{210}^{(10)}m_{004}^{(11)} \\
&+m_{110}^{(20)}m_{210}^{(11)}m_{112}^{(22)} + m_{110}^{(20)}m_{210}^{(11)}m_{103}^{(21)} - m_{110}^{(20)}m_{210}^{(11)}m_{013}^{(20)} - m_{110}^{(20)}m_{210}^{(11)}m_{004}^{(10)} \\
&-2m_{110}^{(20)}m_{210}^{(20)}m_{031}^{(22)} + 2m_{110}^{(20)}m_{210}^{(20)}m_{013}^{(11)} - 4m_{110}^{(20)}m_{210}^{(21)}m_{121}^{(22)} - 2m_{110}^{(20)}m_{210}^{(21)}m_{112}^{(21)} \\
&+2m_{110}^{(20)}m_{210}^{(21)}m_{103}^{(11)} + 2m_{110}^{(20)}m_{210}^{(21)}m_{022}^{(20)} + 2m_{110}^{(20)}m_{210}^{(21)}m_{013}^{(10)} + 3m_{110}^{(20)}m_{210}^{(22)}m_{130}^{(22)} \\
&+m_{110}^{(20)}m_{210}^{(22)}m_{121}^{(21)} - 2m_{110}^{(20)}m_{210}^{(22)}m_{112}^{(11)} - m_{110}^{(20)}m_{210}^{(22)}m_{031}^{(20)} - m_{110}^{(20)}m_{210}^{(22)}m_{022}^{(10)} \\
&-2m_{110}^{(20)}m_{201}^{(10)}m_{031}^{(22)} + 2m_{110}^{(20)}m_{201}^{(10)}m_{013}^{(11)} + 2m_{110}^{(20)}m_{201}^{(11)}m_{121}^{(22)} - m_{110}^{(20)}m_{201}^{(11)}m_{112}^{(21)} \\
&-3m_{110}^{(20)}m_{201}^{(11)}m_{103}^{(11)} + m_{110}^{(20)}m_{201}^{(11)}m_{022}^{(20)} + m_{110}^{(20)}m_{201}^{(11)}m_{013}^{(10)} + 2m_{110}^{(20)}m_{201}^{(20)}m_{040}^{(22)} \\
&-2m_{110}^{(20)}m_{201}^{(20)}m_{022}^{(11)} - 2m_{110}^{(20)}m_{201}^{(21)}m_{130}^{(22)} + 2m_{110}^{(20)}m_{201}^{(21)}m_{121}^{(21)} + 4m_{110}^{(20)}m_{201}^{(21)}m_{112}^{(11)} \\
&-2m_{110}^{(20)}m_{201}^{(21)}m_{031}^{(20)} - 2m_{110}^{(20)}m_{201}^{(21)}m_{022}^{(10)} - m_{110}^{(20)}m_{201}^{(22)}m_{130}^{(21)} - m_{110}^{(20)}m_{201}^{(22)}m_{121}^{(11)} \\
&+m_{110}^{(20)}m_{201}^{(22)}m_{040}^{(20)} + m_{110}^{(20)}m_{201}^{(22)}m_{031}^{(10)} - m_{110}^{(20)}m_{120}^{(00)}m_{022}^{(22)} + m_{110}^{(20)}m_{120}^{(00)}m_{004}^{(11)} \\
&-2m_{110}^{(20)}m_{120}^{(10)}m_{112}^{(22)} - 2m_{110}^{(20)}m_{120}^{(10)}m_{103}^{(21)} + 2m_{110}^{(20)}m_{120}^{(10)}m_{013}^{(20)} + 2m_{110}^{(20)}m_{120}^{(10)}m_{004}^{(10)} \\
&+4m_{110}^{(20)}m_{120}^{(20)}m_{121}^{(22)} + 2m_{110}^{(20)}m_{120}^{(20)}m_{112}^{(21)} - 2m_{110}^{(20)}m_{120}^{(20)}m_{103}^{(11)} - 2m_{110}^{(20)}m_{120}^{(20)}m_{022}^{(20)} \\
&-2m_{110}^{(20)}m_{120}^{(20)}m_{013}^{(10)} + 2m_{110}^{(20)}m_{120}^{(21)}m_{211}^{(22)} + 2m_{110}^{(20)}m_{120}^{(21)}m_{202}^{(21)} - 2m_{110}^{(20)}m_{120}^{(21)}m_{112}^{(20)} \\
&-2m_{110}^{(20)}m_{120}^{(21)}m_{103}^{(10)} - 3m_{110}^{(20)}m_{120}^{(22)}m_{220}^{(22)} - 2m_{110}^{(20)}m_{120}^{(22)}m_{211}^{(21)} + m_{110}^{(20)}m_{120}^{(22)}m_{202}^{(11)} \\
&+2m_{110}^{(20)}m_{120}^{(22)}m_{121}^{(20)} + 2m_{110}^{(20)}m_{120}^{(22)}m_{112}^{(10)} + 2m_{110}^{(20)}m_{111}^{(00)}m_{031}^{(22)} - 2m_{110}^{(20)}m_{111}^{(00)}m_{013}^{(11)} \\
&+4m_{110}^{(20)}m_{111}^{(10)}m_{112}^{(21)} + 4m_{110}^{(20)}m_{111}^{(10)}m_{103}^{(11)} - 4m_{110}^{(20)}m_{111}^{(10)}m_{022}^{(20)} - 4m_{110}^{(20)}m_{111}^{(10)}m_{013}^{(10)} \\
&-2m_{110}^{(20)}m_{111}^{(11)}m_{211}^{(22)} - 2m_{110}^{(20)}m_{111}^{(11)}m_{202}^{(21)} + 2m_{110}^{(20)}m_{111}^{(11)}m_{112}^{(20)} + 2m_{110}^{(20)}m_{111}^{(11)}m_{103}^{(10)} \\
&-4m_{110}^{(20)}m_{111}^{(20)}m_{130}^{(22)} - 4m_{110}^{(20)}m_{111}^{(20)}m_{121}^{(21)} + 4m_{110}^{(20)}m_{111}^{(20)}m_{031}^{(20)} + 4m_{110}^{(20)}m_{111}^{(20)}m_{022}^{(10)} \\
&+4m_{110}^{(20)}m_{111}^{(21)}m_{220}^{(22)} - 4m_{110}^{(20)}m_{111}^{(21)}m_{202}^{(11)} + 2m_{110}^{(20)}m_{111}^{(22)}m_{220}^{(21)} + 2m_{110}^{(20)}m_{111}^{(22)}m_{211}^{(11)} \\
&-2m_{110}^{(20)}m_{111}^{(22)}m_{130}^{(20)} - 2m_{110}^{(20)}m_{111}^{(22)}m_{121}^{(10)} - m_{110}^{(20)}m_{102}^{(00)}m_{040}^{(22)} + m_{110}^{(20)}m_{102}^{(00)}m_{022}^{(11)} \\
&+2m_{110}^{(20)}m_{102}^{(10)}m_{130}^{(22)} - 2m_{110}^{(20)}m_{102}^{(10)}m_{121}^{(21)} - 4m_{110}^{(20)}m_{102}^{(10)}m_{112}^{(11)} + 2m_{110}^{(20)}m_{102}^{(10)}m_{031}^{(20)} \\
&+2m_{110}^{(20)}m_{102}^{(10)}m_{022}^{(10)} - m_{110}^{(20)}m_{102}^{(11)}m_{220}^{(22)} + 2m_{110}^{(20)}m_{102}^{(11)}m_{211}^{(21)} + 3m_{110}^{(20)}m_{102}^{(11)}m_{202}^{(11)}
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\begin{aligned}
&-2m_{110}^{(20)}m_{102}^{(11)}m_{121}^{(20)} - 2m_{110}^{(20)}m_{102}^{(11)}m_{112}^{(10)} + 2m_{110}^{(20)}m_{102}^{(20)}m_{130}^{(21)} + 2m_{110}^{(20)}m_{102}^{(20)}m_{121}^{(11)}\\
&-2m_{110}^{(20)}m_{102}^{(20)}m_{040}^{(20)} - 2m_{110}^{(20)}m_{102}^{(20)}m_{031}^{(10)} - 2m_{110}^{(20)}m_{102}^{(21)}m_{220}^{(21)} - 2m_{110}^{(20)}m_{102}^{(21)}m_{211}^{(11)}\\
&+2m_{110}^{(20)}m_{102}^{(21)}m_{130}^{(20)} + 2m_{110}^{(20)}m_{102}^{(21)}m_{121}^{(10)} + m_{110}^{(20)}m_{030}^{(00)}m_{112}^{(22)} + m_{110}^{(20)}m_{030}^{(00)}m_{103}^{(21)}\\
&-m_{110}^{(20)}m_{030}^{(00)}m_{013}^{(20)} - m_{110}^{(20)}m_{030}^{(00)}m_{004}^{(10)} - 2m_{110}^{(20)}m_{030}^{(20)}m_{211}^{(22)} - 2m_{110}^{(20)}m_{030}^{(20)}m_{202}^{(21)}\\
&+2m_{110}^{(20)}m_{030}^{(20)}m_{112}^{(20)} + 2m_{110}^{(20)}m_{030}^{(20)}m_{103}^{(10)} + m_{110}^{(20)}m_{030}^{(22)}m_{310}^{(22)} + m_{110}^{(20)}m_{030}^{(22)}m_{301}^{(21)}\\
&-m_{110}^{(20)}m_{030}^{(22)}m_{211}^{(20)} - m_{110}^{(20)}m_{030}^{(22)}m_{202}^{(10)} - 2m_{110}^{(20)}m_{021}^{(00)}m_{121}^{(22)} - 3m_{110}^{(20)}m_{021}^{(00)}m_{112}^{(21)}\\
&-m_{110}^{(20)}m_{021}^{(00)}m_{103}^{(11)} + 3m_{110}^{(20)}m_{021}^{(00)}m_{022}^{(20)} + 3m_{110}^{(20)}m_{021}^{(00)}m_{013}^{(10)} + 2m_{110}^{(20)}m_{021}^{(10)}m_{211}^{(22)}\\
&+2m_{110}^{(20)}m_{021}^{(10)}m_{202}^{(21)} - 2m_{110}^{(20)}m_{021}^{(10)}m_{112}^{(20)} - 2m_{110}^{(20)}m_{021}^{(10)}m_{103}^{(10)} + 2m_{110}^{(20)}m_{021}^{(20)}m_{220}^{(22)}\\
&+4m_{110}^{(20)}m_{021}^{(20)}m_{211}^{(21)} + 2m_{110}^{(20)}m_{021}^{(20)}m_{202}^{(11)} - 4m_{110}^{(20)}m_{021}^{(20)}m_{121}^{(20)} - 4m_{110}^{(20)}m_{021}^{(20)}m_{112}^{(10)}\\
&-2m_{110}^{(20)}m_{021}^{(21)}m_{310}^{(22)} - 2m_{110}^{(20)}m_{021}^{(21)}m_{301}^{(21)} + 2m_{110}^{(20)}m_{021}^{(21)}m_{211}^{(20)} + 2m_{110}^{(20)}m_{021}^{(21)}m_{202}^{(10)}\\
&-m_{110}^{(20)}m_{021}^{(22)}m_{310}^{(21)} - m_{110}^{(20)}m_{021}^{(22)}m_{301}^{(11)} + m_{110}^{(20)}m_{021}^{(22)}m_{220}^{(20)} + m_{110}^{(20)}m_{021}^{(22)}m_{211}^{(10)}\\
&+m_{110}^{(20)}m_{012}^{(00)}m_{130}^{(22)} + 3m_{110}^{(20)}m_{012}^{(00)}m_{121}^{(21)} + 2m_{110}^{(20)}m_{012}^{(00)}m_{112}^{(11)} - 3m_{110}^{(20)}m_{012}^{(00)}m_{031}^{(20)}\\
&-3m_{110}^{(20)}m_{012}^{(00)}m_{022}^{(10)} - 2m_{110}^{(20)}m_{012}^{(10)}m_{220}^{(22)} - 4m_{110}^{(20)}m_{012}^{(10)}m_{211}^{(21)} - 2m_{110}^{(20)}m_{012}^{(10)}m_{202}^{(11)}\\
&+4m_{110}^{(20)}m_{012}^{(10)}m_{121}^{(20)} + 4m_{110}^{(20)}m_{012}^{(10)}m_{112}^{(10)} + m_{110}^{(20)}m_{012}^{(11)}m_{310}^{(22)} + m_{110}^{(20)}m_{012}^{(11)}m_{301}^{(21)}\\
&-m_{110}^{(20)}m_{012}^{(11)}m_{211}^{(20)} - m_{110}^{(20)}m_{012}^{(11)}m_{202}^{(10)} - 2m_{110}^{(20)}m_{012}^{(20)}m_{220}^{(21)} - 2m_{110}^{(20)}m_{012}^{(20)}m_{211}^{(11)}\\
&+2m_{110}^{(20)}m_{012}^{(20)}m_{130}^{(20)} + 2m_{110}^{(20)}m_{012}^{(20)}m_{121}^{(10)} + 2m_{110}^{(20)}m_{012}^{(21)}m_{310}^{(21)} + 2m_{110}^{(20)}m_{012}^{(21)}m_{301}^{(11)}\\
&-2m_{110}^{(20)}m_{012}^{(21)}m_{220}^{(20)} - 2m_{110}^{(20)}m_{012}^{(21)}m_{211}^{(10)} - m_{110}^{(20)}m_{003}^{(00)}m_{130}^{(21)} - m_{110}^{(20)}m_{003}^{(00)}m_{121}^{(11)}\\
&+m_{110}^{(20)}m_{003}^{(00)}m_{040}^{(20)} + m_{110}^{(20)}m_{003}^{(00)}m_{031}^{(10)} + 2m_{110}^{(20)}m_{003}^{(10)}m_{220}^{(21)} + 2m_{110}^{(20)}m_{003}^{(10)}m_{211}^{(11)}\\
&-2m_{110}^{(20)}m_{003}^{(10)}m_{130}^{(20)} - 2m_{110}^{(20)}m_{003}^{(10)}m_{121}^{(10)} - m_{110}^{(20)}m_{003}^{(11)}m_{310}^{(21)} - m_{110}^{(20)}m_{003}^{(11)}m_{301}^{(11)}\\
&+m_{110}^{(20)}m_{003}^{(11)}m_{220}^{(20)} + m_{110}^{(20)}m_{003}^{(11)}m_{211}^{(10)} - m_{110}^{(21)}m_{300}^{(11)}m_{112}^{(22)} + m_{110}^{(21)}m_{300}^{(11)}m_{103}^{(21)}\\
&-m_{110}^{(21)}m_{300}^{(11)}m_{013}^{(20)} + m_{110}^{(21)}m_{300}^{(11)}m_{004}^{(10)} + 2m_{110}^{(21)}m_{300}^{(21)}m_{121}^{(22)} - 2m_{110}^{(21)}m_{300}^{(21)}m_{112}^{(21)}\\
&+2m_{110}^{(21)}m_{300}^{(21)}m_{022}^{(20)} - 2m_{110}^{(21)}m_{300}^{(21)}m_{013}^{(10)} - m_{110}^{(21)}m_{300}^{(22)}m_{130}^{(22)} + m_{110}^{(21)}m_{300}^{(22)}m_{121}^{(21)}\\
&-m_{110}^{(21)}m_{300}^{(22)}m_{031}^{(20)} + m_{110}^{(21)}m_{300}^{(22)}m_{022}^{(10)} + 2m_{110}^{(21)}m_{210}^{(10)}m_{112}^{(22)} - 2m_{110}^{(21)}m_{210}^{(10)}m_{103}^{(21)}\\
&+2m_{110}^{(21)}m_{210}^{(10)}m_{013}^{(20)} - 2m_{110}^{(21)}m_{210}^{(10)}m_{004}^{(10)} + m_{110}^{(21)}m_{210}^{(11)}m_{202}^{(22)} - m_{110}^{(21)}m_{210}^{(11)}m_{004}^{(00)}\\
&-2m_{110}^{(21)}m_{210}^{(20)}m_{121}^{(22)} + 2m_{110}^{(21)}m_{210}^{(20)}m_{112}^{(21)} - 2m_{110}^{(21)}m_{210}^{(20)}m_{022}^{(20)} + 2m_{110}^{(21)}m_{210}^{(20)}m_{013}^{(10)}\\
&-4m_{110}^{(21)}m_{210}^{(21)}m_{211}^{(22)} + 2m_{110}^{(21)}m_{210}^{(21)}m_{202}^{(21)} - 2m_{110}^{(21)}m_{210}^{(21)}m_{112}^{(20)} + 2m_{110}^{(21)}m_{210}^{(21)}m_{103}^{(10)}\\
&+2m_{110}^{(21)}m_{210}^{(21)}m_{013}^{(00)} + 3m_{110}^{(21)}m_{210}^{(22)}m_{220}^{(22)} - 2m_{110}^{(21)}m_{210}^{(22)}m_{211}^{(21)} + 2m_{110}^{(21)}m_{210}^{(22)}m_{121}^{(20)}\\
&-2m_{110}^{(21)}m_{210}^{(22)}m_{112}^{(10)} - m_{110}^{(21)}m_{210}^{(22)}m_{022}^{(00)} - 2m_{110}^{(21)}m_{201}^{(10)}m_{121}^{(22)} + 2m_{110}^{(21)}m_{201}^{(10)}m_{112}^{(21)}\\
&-2m_{110}^{(21)}m_{201}^{(10)}m_{022}^{(20)} + 2m_{110}^{(21)}m_{201}^{(10)}m_{013}^{(10)} + 2m_{110}^{(21)}m_{201}^{(11)}m_{211}^{(22)} - 3m_{110}^{(21)}m_{201}^{(11)}m_{202}^{(21)}\\
&+3m_{110}^{(21)}m_{201}^{(11)}m_{112}^{(20)} - 3m_{110}^{(21)}m_{201}^{(11)}m_{103}^{(10)} + m_{110}^{(21)}m_{201}^{(11)}m_{013}^{(00)} + 2m_{110}^{(21)}m_{201}^{(20)}m_{130}^{(22)}\\
&-2m_{110}^{(21)}m_{201}^{(20)}m_{121}^{(21)} + 2m_{110}^{(21)}m_{201}^{(20)}m_{031}^{(20)} - 2m_{110}^{(21)}m_{201}^{(20)}m_{022}^{(10)} - 2m_{110}^{(21)}m_{201}^{(21)}m_{220}^{(22)}\\
&+4m_{110}^{(21)}m_{201}^{(21)}m_{211}^{(21)} - 4m_{110}^{(21)}m_{201}^{(21)}m_{121}^{(20)} + 4m_{110}^{(21)}m_{201}^{(21)}m_{112}^{(10)} - 2m_{110}^{(21)}m_{201}^{(21)}m_{022}^{(00)}\\
&-m_{110}^{(21)}m_{201}^{(22)}m_{220}^{(21)} + m_{110}^{(21)}m_{201}^{(22)}m_{130}^{(20)} - m_{110}^{(21)}m_{201}^{(22)}m_{121}^{(10)} + m_{110}^{(21)}m_{201}^{(22)}m_{031}^{(00)}\\
&-m_{110}^{(21)}m_{120}^{(00)}m_{112}^{(22)} + m_{110}^{(21)}m_{120}^{(00)}m_{103}^{(21)} - m_{110}^{(21)}m_{120}^{(00)}m_{013}^{(20)} + m_{110}^{(21)}m_{120}^{(00)}m_{004}^{(10)}\\
&-2m_{110}^{(21)}m_{120}^{(10)}m_{202}^{(22)} + 2m_{110}^{(21)}m_{120}^{(10)}m_{004}^{(00)} + 4m_{110}^{(21)}m_{120}^{(20)}m_{211}^{(22)} - 2m_{110}^{(21)}m_{120}^{(20)}m_{202}^{(21)}\\
&+2m_{110}^{(21)}m_{120}^{(20)}m_{112}^{(20)} - 2m_{110}^{(21)}m_{120}^{(20)}m_{103}^{(10)} - 2m_{110}^{(21)}m_{120}^{(20)}m_{013}^{(00)} + 2m_{110}^{(21)}m_{120}^{(21)}m_{301}^{(22)}\\
&-2m_{110}^{(21)}m_{120}^{(21)}m_{103}^{(00)} - 3m_{110}^{(21)}m_{120}^{(22)}m_{310}^{(22)} + m_{110}^{(21)}m_{120}^{(22)}m_{301}^{(21)} - m_{110}^{(21)}m_{120}^{(22)}m_{211}^{(20)}\\
&+m_{110}^{(21)}m_{120}^{(22)}m_{202}^{(10)} + 2m_{110}^{(21)}m_{120}^{(22)}m_{112}^{(00)} + 2m_{110}^{(21)}m_{111}^{(00)}m_{121}^{(22)} - 2m_{110}^{(21)}m_{111}^{(00)}m_{112}^{(21)}
\end{aligned}
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$$+2m_{110}^{(21)}m_{111}^{(00)}m_{022}^{(20)} - 2m_{110}^{(21)}m_{111}^{(00)}m_{013}^{(10)} + 4m_{110}^{(21)}m_{111}^{(10)}m_{202}^{(21)} - 4m_{110}^{(21)}m_{111}^{(10)}m_{112}^{(20)}$$
$$+4m_{110}^{(21)}m_{111}^{(10)}m_{103}^{(10)} - 4m_{110}^{(21)}m_{111}^{(10)}m_{013}^{(00)} - 2m_{110}^{(21)}m_{111}^{(11)}m_{301}^{(22)} + 2m_{110}^{(21)}m_{111}^{(11)}m_{103}^{(00)}$$
$$-4m_{110}^{(21)}m_{111}^{(20)}m_{220}^{(22)} + 4m_{110}^{(21)}m_{111}^{(20)}m_{022}^{(00)} + 4m_{110}^{(21)}m_{111}^{(21)}m_{310}^{(22)} - 4m_{110}^{(21)}m_{111}^{(21)}m_{301}^{(21)}$$
$$+4m_{110}^{(21)}m_{111}^{(21)}m_{211}^{(20)} - 4m_{110}^{(21)}m_{111}^{(21)}m_{202}^{(10)} + 2m_{110}^{(21)}m_{111}^{(22)}m_{310}^{(21)} - 2m_{110}^{(21)}m_{111}^{(22)}m_{220}^{(20)}$$
$$+2m_{110}^{(21)}m_{111}^{(22)}m_{211}^{(10)} - 2m_{110}^{(21)}m_{111}^{(22)}m_{121}^{(00)} - m_{110}^{(21)}m_{102}^{(00)}m_{130}^{(22)} + m_{110}^{(21)}m_{102}^{(00)}m_{121}^{(21)}$$
$$-m_{110}^{(21)}m_{102}^{(00)}m_{031}^{(20)} + m_{110}^{(21)}m_{102}^{(00)}m_{022}^{(10)} + 2m_{110}^{(21)}m_{102}^{(10)}m_{220}^{(22)} - 4m_{110}^{(21)}m_{102}^{(10)}m_{211}^{(21)}$$
$$+4m_{110}^{(21)}m_{102}^{(10)}m_{121}^{(20)} - 4m_{110}^{(21)}m_{102}^{(10)}m_{112}^{(10)} + 2m_{110}^{(21)}m_{102}^{(10)}m_{022}^{(00)} - m_{110}^{(21)}m_{102}^{(11)}m_{310}^{(22)}$$
$$+3m_{110}^{(21)}m_{102}^{(11)}m_{301}^{(21)} - 3m_{110}^{(21)}m_{102}^{(11)}m_{211}^{(20)} + 3m_{110}^{(21)}m_{102}^{(11)}m_{202}^{(10)} - 2m_{110}^{(21)}m_{102}^{(11)}m_{112}^{(00)}$$
$$+2m_{110}^{(21)}m_{102}^{(20)}m_{220}^{(21)} - 2m_{110}^{(21)}m_{102}^{(20)}m_{130}^{(20)} + 2m_{110}^{(21)}m_{102}^{(20)}m_{121}^{(10)} - 2m_{110}^{(21)}m_{102}^{(20)}m_{031}^{(00)}$$
$$-2m_{110}^{(21)}m_{102}^{(21)}m_{310}^{(21)} + 2m_{110}^{(21)}m_{102}^{(21)}m_{220}^{(20)} - 2m_{110}^{(21)}m_{102}^{(21)}m_{211}^{(10)} + 2m_{110}^{(21)}m_{102}^{(21)}m_{121}^{(00)}$$
$$+m_{110}^{(21)}m_{030}^{(00)}m_{202}^{(22)} - m_{110}^{(21)}m_{030}^{(00)}m_{004}^{(00)} - 2m_{110}^{(21)}m_{030}^{(20)}m_{301}^{(22)} + 2m_{110}^{(21)}m_{030}^{(20)}m_{103}^{(00)}$$
$$+m_{110}^{(21)}m_{030}^{(22)}m_{400}^{(22)} - m_{110}^{(21)}m_{030}^{(22)}m_{202}^{(00)} - 2m_{110}^{(21)}m_{021}^{(00)}m_{211}^{(22)} - m_{110}^{(21)}m_{021}^{(00)}m_{202}^{(21)}$$
$$+m_{110}^{(21)}m_{021}^{(00)}m_{112}^{(20)} - m_{110}^{(21)}m_{021}^{(00)}m_{103}^{(10)} + 3m_{110}^{(21)}m_{021}^{(00)}m_{013}^{(00)} + 2m_{110}^{(21)}m_{021}^{(10)}m_{301}^{(22)}$$
$$-2m_{110}^{(21)}m_{021}^{(10)}m_{103}^{(00)} + 2m_{110}^{(21)}m_{021}^{(20)}m_{310}^{(22)} + 2m_{110}^{(21)}m_{021}^{(20)}m_{301}^{(21)} - 2m_{110}^{(21)}m_{021}^{(20)}m_{211}^{(20)}$$
$$+2m_{110}^{(21)}m_{021}^{(20)}m_{202}^{(10)} - 4m_{110}^{(21)}m_{021}^{(20)}m_{112}^{(00)} - 2m_{110}^{(21)}m_{021}^{(21)}m_{400}^{(22)} + 2m_{110}^{(21)}m_{021}^{(21)}m_{202}^{(00)}$$
$$-m_{110}^{(21)}m_{021}^{(22)}m_{400}^{(21)} + m_{110}^{(21)}m_{021}^{(22)}m_{310}^{(20)} - m_{110}^{(21)}m_{021}^{(22)}m_{301}^{(10)} + m_{110}^{(21)}m_{021}^{(22)}m_{211}^{(00)}$$
$$+m_{110}^{(21)}m_{012}^{(00)}m_{220}^{(22)} + 2m_{110}^{(21)}m_{012}^{(00)}m_{211}^{(21)} - 2m_{110}^{(21)}m_{012}^{(00)}m_{121}^{(20)} + 2m_{110}^{(21)}m_{012}^{(00)}m_{112}^{(10)}$$
$$-3m_{110}^{(21)}m_{012}^{(00)}m_{022}^{(00)} - 2m_{110}^{(21)}m_{012}^{(10)}m_{310}^{(22)} - 2m_{110}^{(21)}m_{012}^{(10)}m_{301}^{(21)} + 2m_{110}^{(21)}m_{012}^{(10)}m_{211}^{(20)}$$
$$-2m_{110}^{(21)}m_{012}^{(10)}m_{202}^{(10)} + 4m_{110}^{(21)}m_{012}^{(10)}m_{112}^{(00)} + m_{110}^{(21)}m_{012}^{(11)}m_{400}^{(22)} - m_{110}^{(21)}m_{012}^{(11)}m_{202}^{(00)}$$
$$-2m_{110}^{(21)}m_{012}^{(20)}m_{310}^{(21)} + 2m_{110}^{(21)}m_{012}^{(20)}m_{220}^{(20)} - 2m_{110}^{(21)}m_{012}^{(20)}m_{211}^{(10)} + 2m_{110}^{(21)}m_{012}^{(20)}m_{121}^{(00)}$$
$$+2m_{110}^{(21)}m_{012}^{(21)}m_{400}^{(21)} - 2m_{110}^{(21)}m_{012}^{(21)}m_{310}^{(20)} + 2m_{110}^{(21)}m_{012}^{(21)}m_{301}^{(10)} - 2m_{110}^{(21)}m_{012}^{(21)}m_{211}^{(00)}$$
$$-m_{110}^{(21)}m_{003}^{(00)}m_{220}^{(21)} + m_{110}^{(21)}m_{003}^{(00)}m_{130}^{(20)} - m_{110}^{(21)}m_{003}^{(00)}m_{121}^{(10)} + m_{110}^{(21)}m_{003}^{(00)}m_{031}^{(00)}$$
$$+2m_{110}^{(21)}m_{003}^{(10)}m_{310}^{(21)} - 2m_{110}^{(21)}m_{003}^{(10)}m_{220}^{(20)} + 2m_{110}^{(21)}m_{003}^{(10)}m_{211}^{(10)} - 2m_{110}^{(21)}m_{003}^{(10)}m_{121}^{(00)}$$
$$-m_{110}^{(21)}m_{003}^{(11)}m_{400}^{(21)} + m_{110}^{(21)}m_{003}^{(11)}m_{310}^{(20)} - m_{110}^{(21)}m_{003}^{(11)}m_{301}^{(10)} + m_{110}^{(21)}m_{003}^{(11)}m_{211}^{(00)}$$
$$+m_{110}^{(22)}m_{300}^{(11)}m_{112}^{(21)} - m_{110}^{(22)}m_{300}^{(11)}m_{103}^{(11)} + m_{110}^{(22)}m_{300}^{(11)}m_{022}^{(20)} - m_{110}^{(22)}m_{300}^{(11)}m_{013}^{(10)}$$
$$-2m_{110}^{(22)}m_{300}^{(21)}m_{121}^{(21)} + 2m_{110}^{(22)}m_{300}^{(21)}m_{112}^{(11)} - 2m_{110}^{(22)}m_{300}^{(21)}m_{031}^{(20)} + 2m_{110}^{(22)}m_{300}^{(21)}m_{022}^{(10)}$$
$$+m_{110}^{(22)}m_{300}^{(22)}m_{130}^{(21)} - m_{110}^{(22)}m_{300}^{(22)}m_{121}^{(11)} + m_{110}^{(22)}m_{300}^{(22)}m_{040}^{(20)} - m_{110}^{(22)}m_{300}^{(22)}m_{031}^{(10)}$$
$$-2m_{110}^{(22)}m_{210}^{(10)}m_{112}^{(21)} + 2m_{110}^{(22)}m_{210}^{(10)}m_{103}^{(11)} - 2m_{110}^{(22)}m_{210}^{(10)}m_{022}^{(20)} + 2m_{110}^{(22)}m_{210}^{(10)}m_{013}^{(10)}$$
$$-m_{110}^{(22)}m_{210}^{(11)}m_{202}^{(21)} - m_{110}^{(22)}m_{210}^{(11)}m_{112}^{(20)} + m_{110}^{(22)}m_{210}^{(11)}m_{103}^{(10)} + m_{110}^{(22)}m_{210}^{(11)}m_{013}^{(00)}$$
$$+2m_{110}^{(22)}m_{210}^{(20)}m_{121}^{(21)} - 2m_{110}^{(22)}m_{210}^{(20)}m_{112}^{(11)} + 2m_{110}^{(22)}m_{210}^{(20)}m_{031}^{(20)} - 2m_{110}^{(22)}m_{210}^{(20)}m_{022}^{(10)}$$
$$+4m_{110}^{(22)}m_{210}^{(21)}m_{211}^{(21)} - 2m_{110}^{(22)}m_{210}^{(21)}m_{202}^{(11)} + 4m_{110}^{(22)}m_{210}^{(21)}m_{121}^{(20)} - 4m_{110}^{(22)}m_{210}^{(21)}m_{112}^{(10)}$$
$$-2m_{110}^{(22)}m_{210}^{(21)}m_{022}^{(00)} - 3m_{110}^{(22)}m_{210}^{(22)}m_{220}^{(21)} + 2m_{110}^{(22)}m_{210}^{(22)}m_{211}^{(11)} - 3m_{110}^{(22)}m_{210}^{(22)}m_{130}^{(20)}$$
$$+3m_{110}^{(22)}m_{210}^{(22)}m_{121}^{(10)} + m_{110}^{(22)}m_{210}^{(22)}m_{031}^{(00)} + 2m_{110}^{(22)}m_{201}^{(10)}m_{121}^{(21)} - 2m_{110}^{(22)}m_{201}^{(10)}m_{112}^{(11)}$$
$$+2m_{110}^{(22)}m_{201}^{(10)}m_{031}^{(20)} - 2m_{110}^{(22)}m_{201}^{(10)}m_{022}^{(10)} - 2m_{110}^{(22)}m_{201}^{(11)}m_{211}^{(21)} + 3m_{110}^{(22)}m_{201}^{(11)}m_{202}^{(11)}$$
$$-2m_{110}^{(22)}m_{201}^{(11)}m_{121}^{(20)} + 2m_{110}^{(22)}m_{201}^{(11)}m_{112}^{(10)} - m_{110}^{(22)}m_{201}^{(11)}m_{022}^{(00)} - 2m_{110}^{(22)}m_{201}^{(20)}m_{130}^{(21)}$$
$$+2m_{110}^{(22)}m_{201}^{(20)}m_{121}^{(11)} - 2m_{110}^{(22)}m_{201}^{(20)}m_{040}^{(20)} + 2m_{110}^{(22)}m_{201}^{(20)}m_{031}^{(10)} + 2m_{110}^{(22)}m_{201}^{(21)}m_{220}^{(21)}$$
$$-4m_{110}^{(22)}m_{201}^{(21)}m_{211}^{(11)} + 2m_{110}^{(22)}m_{201}^{(21)}m_{130}^{(20)} - 2m_{110}^{(22)}m_{201}^{(21)}m_{121}^{(10)} + 2m_{110}^{(22)}m_{201}^{(21)}m_{031}^{(00)}$$
$$+m_{110}^{(22)}m_{201}^{(22)}m_{220}^{(11)} - m_{110}^{(22)}m_{201}^{(22)}m_{040}^{(00)} + m_{110}^{(22)}m_{120}^{(00)}m_{112}^{(21)} - m_{110}^{(22)}m_{120}^{(00)}m_{103}^{(11)}$$

$$+m_{110}^{(22)}m_{120}^{(00)}m_{022}^{(20)} - m_{110}^{(22)}m_{120}^{(00)}m_{013}^{(10)} + 2m_{110}^{(22)}m_{120}^{(10)}m_{202}^{(21)} + 2m_{110}^{(22)}m_{120}^{(10)}m_{112}^{(20)}$$
$$-2m_{110}^{(22)}m_{120}^{(10)}m_{103}^{(10)} - 2m_{110}^{(22)}m_{120}^{(10)}m_{013}^{(00)} - 4m_{110}^{(22)}m_{120}^{(20)}m_{211}^{(21)} + 2m_{110}^{(22)}m_{120}^{(20)}m_{202}^{(11)}$$
$$-4m_{110}^{(22)}m_{120}^{(20)}m_{121}^{(20)} + 4m_{110}^{(22)}m_{120}^{(20)}m_{112}^{(10)} + 2m_{110}^{(22)}m_{120}^{(20)}m_{022}^{(00)} - 2m_{110}^{(22)}m_{120}^{(21)}m_{301}^{(21)}$$
$$-2m_{110}^{(22)}m_{120}^{(21)}m_{211}^{(20)} + 2m_{110}^{(22)}m_{120}^{(21)}m_{202}^{(10)} + 2m_{110}^{(22)}m_{120}^{(21)}m_{112}^{(00)} + 3m_{110}^{(22)}m_{120}^{(22)}m_{310}^{(21)}$$
$$-m_{110}^{(22)}m_{120}^{(22)}m_{301}^{(11)} + 3m_{110}^{(22)}m_{120}^{(22)}m_{220}^{(20)} - 3m_{110}^{(22)}m_{120}^{(22)}m_{211}^{(10)} - 2m_{110}^{(22)}m_{120}^{(22)}m_{121}^{(00)}$$
$$-2m_{110}^{(22)}m_{111}^{(00)}m_{121}^{(21)} + 2m_{110}^{(22)}m_{111}^{(00)}m_{112}^{(11)} - 2m_{110}^{(22)}m_{111}^{(00)}m_{031}^{(20)} + 2m_{110}^{(22)}m_{111}^{(00)}m_{022}^{(10)}$$
$$-4m_{110}^{(22)}m_{111}^{(10)}m_{202}^{(11)} + 4m_{110}^{(22)}m_{111}^{(10)}m_{022}^{(00)} + 2m_{110}^{(22)}m_{111}^{(11)}m_{301}^{(21)} + 2m_{110}^{(22)}m_{111}^{(11)}m_{211}^{(20)}$$
$$-2m_{110}^{(22)}m_{111}^{(11)}m_{202}^{(10)} - 2m_{110}^{(22)}m_{111}^{(11)}m_{112}^{(00)} + 4m_{110}^{(22)}m_{111}^{(20)}m_{220}^{(21)} + 4m_{110}^{(22)}m_{111}^{(20)}m_{130}^{(20)}$$
$$-4m_{110}^{(22)}m_{111}^{(20)}m_{121}^{(10)} - 4m_{110}^{(22)}m_{111}^{(20)}m_{031}^{(00)} - 4m_{110}^{(22)}m_{111}^{(21)}m_{310}^{(21)} + 4m_{110}^{(22)}m_{111}^{(21)}m_{301}^{(11)}$$
$$-4m_{110}^{(22)}m_{111}^{(21)}m_{220}^{(20)} + 4m_{110}^{(22)}m_{111}^{(21)}m_{211}^{(10)} - 2m_{110}^{(22)}m_{111}^{(22)}m_{310}^{(11)} + 2m_{110}^{(22)}m_{111}^{(22)}m_{130}^{(00)}$$
$$+m_{110}^{(22)}m_{102}^{(00)}m_{130}^{(21)} - m_{110}^{(22)}m_{102}^{(00)}m_{121}^{(11)} + m_{110}^{(22)}m_{102}^{(00)}m_{040}^{(20)} - m_{110}^{(22)}m_{102}^{(00)}m_{031}^{(10)}$$
$$-2m_{110}^{(22)}m_{102}^{(10)}m_{220}^{(21)} + 4m_{110}^{(22)}m_{102}^{(10)}m_{211}^{(11)} - 2m_{110}^{(22)}m_{102}^{(10)}m_{130}^{(20)} + 2m_{110}^{(22)}m_{102}^{(10)}m_{121}^{(10)}$$
$$-2m_{110}^{(22)}m_{102}^{(10)}m_{031}^{(00)} + m_{110}^{(22)}m_{102}^{(11)}m_{310}^{(21)} - 3m_{110}^{(22)}m_{102}^{(11)}m_{301}^{(11)} + m_{110}^{(22)}m_{102}^{(11)}m_{220}^{(20)}$$
$$-m_{110}^{(22)}m_{102}^{(11)}m_{211}^{(10)} + 2m_{110}^{(22)}m_{102}^{(11)}m_{121}^{(00)} - 2m_{110}^{(22)}m_{102}^{(20)}m_{220}^{(11)} + 2m_{110}^{(22)}m_{102}^{(20)}m_{040}^{(00)}$$
$$+2m_{110}^{(22)}m_{102}^{(21)}m_{310}^{(11)} - 2m_{110}^{(22)}m_{102}^{(21)}m_{130}^{(00)} - m_{110}^{(22)}m_{030}^{(00)}m_{202}^{(21)} - m_{110}^{(22)}m_{030}^{(00)}m_{112}^{(20)}$$
$$+m_{110}^{(22)}m_{030}^{(00)}m_{103}^{(10)} + m_{110}^{(22)}m_{030}^{(00)}m_{013}^{(00)} + 2m_{110}^{(22)}m_{030}^{(20)}m_{301}^{(21)} + 2m_{110}^{(22)}m_{030}^{(20)}m_{211}^{(20)}$$
$$-2m_{110}^{(22)}m_{030}^{(20)}m_{202}^{(10)} - 2m_{110}^{(22)}m_{030}^{(20)}m_{112}^{(00)} - m_{110}^{(22)}m_{030}^{(22)}m_{400}^{(21)} - m_{110}^{(22)}m_{030}^{(22)}m_{310}^{(20)}$$
$$+m_{110}^{(22)}m_{030}^{(22)}m_{301}^{(10)} + m_{110}^{(22)}m_{030}^{(22)}m_{211}^{(00)} + 2m_{110}^{(22)}m_{021}^{(00)}m_{211}^{(21)} + m_{110}^{(22)}m_{021}^{(00)}m_{202}^{(11)}$$
$$+2m_{110}^{(22)}m_{021}^{(00)}m_{121}^{(20)} - 2m_{110}^{(22)}m_{021}^{(00)}m_{112}^{(10)} - 3m_{110}^{(22)}m_{021}^{(00)}m_{022}^{(00)} - 2m_{110}^{(22)}m_{021}^{(10)}m_{301}^{(21)}$$
$$-2m_{110}^{(22)}m_{021}^{(10)}m_{211}^{(20)} + 2m_{110}^{(22)}m_{021}^{(10)}m_{202}^{(10)} + 2m_{110}^{(22)}m_{021}^{(10)}m_{112}^{(00)} - 2m_{110}^{(22)}m_{021}^{(20)}m_{310}^{(21)}$$
$$-2m_{110}^{(22)}m_{021}^{(20)}m_{301}^{(11)} - 2m_{110}^{(22)}m_{021}^{(20)}m_{220}^{(20)} + 2m_{110}^{(22)}m_{021}^{(20)}m_{211}^{(10)} + 4m_{110}^{(22)}m_{021}^{(20)}m_{121}^{(00)}$$
$$+2m_{110}^{(22)}m_{021}^{(21)}m_{400}^{(21)} + 2m_{110}^{(22)}m_{021}^{(21)}m_{310}^{(20)} - 2m_{110}^{(22)}m_{021}^{(21)}m_{301}^{(10)} - 2m_{110}^{(22)}m_{021}^{(21)}m_{211}^{(00)}$$
$$+m_{110}^{(22)}m_{021}^{(22)}m_{400}^{(11)} - m_{110}^{(22)}m_{021}^{(22)}m_{220}^{(00)} - m_{110}^{(22)}m_{012}^{(00)}m_{220}^{(20)} - 2m_{110}^{(22)}m_{012}^{(00)}m_{211}^{(11)}$$
$$-m_{110}^{(22)}m_{012}^{(00)}m_{130}^{(20)} + m_{110}^{(22)}m_{012}^{(00)}m_{121}^{(10)} + 3m_{110}^{(22)}m_{012}^{(00)}m_{031}^{(00)} + 2m_{110}^{(22)}m_{012}^{(10)}m_{310}^{(21)}$$
$$+2m_{110}^{(22)}m_{012}^{(10)}m_{301}^{(11)} + 2m_{110}^{(22)}m_{012}^{(10)}m_{220}^{(20)} - 2m_{110}^{(22)}m_{012}^{(10)}m_{211}^{(10)} - 4m_{110}^{(22)}m_{012}^{(10)}m_{121}^{(00)}$$
$$-m_{110}^{(22)}m_{012}^{(11)}m_{400}^{(21)} - m_{110}^{(22)}m_{012}^{(11)}m_{310}^{(20)} + m_{110}^{(22)}m_{012}^{(11)}m_{301}^{(10)} + m_{110}^{(22)}m_{012}^{(11)}m_{211}^{(00)}$$
$$+2m_{110}^{(22)}m_{012}^{(20)}m_{310}^{(11)} - 2m_{110}^{(22)}m_{012}^{(20)}m_{130}^{(00)} - 2m_{110}^{(22)}m_{012}^{(21)}m_{400}^{(11)} + 2m_{110}^{(22)}m_{012}^{(21)}m_{220}^{(00)}$$
$$+m_{110}^{(22)}m_{003}^{(00)}m_{220}^{(11)} - m_{110}^{(22)}m_{003}^{(00)}m_{040}^{(00)} - 2m_{110}^{(22)}m_{003}^{(10)}m_{310}^{(11)} + 2m_{110}^{(22)}m_{003}^{(10)}m_{130}^{(00)}$$
$$+m_{110}^{(22)}m_{003}^{(11)}m_{400}^{(11)} - m_{110}^{(22)}m_{003}^{(11)}m_{220}^{(00)} - m_{101}^{(10)}m_{300}^{(11)}m_{022}^{(22)} + m_{101}^{(10)}m_{300}^{(11)}m_{004}^{(11)}$$
$$+2m_{101}^{(10)}m_{300}^{(21)}m_{031}^{(22)} - 2m_{101}^{(10)}m_{300}^{(21)}m_{013}^{(11)} - m_{101}^{(10)}m_{300}^{(22)}m_{040}^{(22)} + m_{101}^{(10)}m_{300}^{(22)}m_{022}^{(11)}$$
$$+2m_{101}^{(10)}m_{210}^{(10)}m_{022}^{(22)} - 2m_{101}^{(10)}m_{210}^{(10)}m_{004}^{(11)} + m_{101}^{(10)}m_{210}^{(11)}m_{112}^{(22)} + m_{101}^{(10)}m_{210}^{(11)}m_{103}^{(21)}$$
$$-m_{101}^{(10)}m_{210}^{(11)}m_{013}^{(20)} - m_{101}^{(10)}m_{210}^{(11)}m_{004}^{(10)} - 2m_{101}^{(10)}m_{210}^{(20)}m_{031}^{(22)} + 2m_{101}^{(10)}m_{210}^{(20)}m_{013}^{(11)}$$
$$-4m_{101}^{(10)}m_{210}^{(21)}m_{121}^{(22)} - 2m_{101}^{(10)}m_{210}^{(21)}m_{112}^{(21)} + 2m_{101}^{(10)}m_{210}^{(21)}m_{103}^{(11)} + 2m_{101}^{(10)}m_{210}^{(21)}m_{022}^{(20)}$$
$$+2m_{101}^{(10)}m_{210}^{(21)}m_{013}^{(10)} + 3m_{101}^{(10)}m_{210}^{(22)}m_{130}^{(22)} + m_{101}^{(10)}m_{210}^{(22)}m_{121}^{(21)} - 2m_{101}^{(10)}m_{210}^{(22)}m_{112}^{(11)}$$
$$-m_{101}^{(10)}m_{210}^{(22)}m_{031}^{(20)} - m_{101}^{(10)}m_{210}^{(22)}m_{022}^{(10)} - 2m_{101}^{(10)}m_{201}^{(10)}m_{031}^{(22)} + 2m_{101}^{(10)}m_{201}^{(10)}m_{013}^{(11)}$$
$$+2m_{101}^{(10)}m_{201}^{(11)}m_{121}^{(22)} - m_{101}^{(10)}m_{201}^{(11)}m_{112}^{(21)} - 3m_{101}^{(10)}m_{201}^{(11)}m_{103}^{(11)} + m_{101}^{(10)}m_{201}^{(11)}m_{022}^{(20)}$$
$$+m_{101}^{(10)}m_{201}^{(11)}m_{013}^{(10)} + 2m_{101}^{(10)}m_{201}^{(20)}m_{040}^{(22)} - 2m_{101}^{(10)}m_{201}^{(20)}m_{022}^{(11)} - 2m_{101}^{(10)}m_{201}^{(21)}m_{130}^{(22)}$$
$$+2m_{101}^{(10)}m_{201}^{(21)}m_{121}^{(21)} + 4m_{101}^{(10)}m_{201}^{(21)}m_{112}^{(11)} - 2m_{101}^{(10)}m_{201}^{(21)}m_{031}^{(20)} - 2m_{101}^{(10)}m_{201}^{(21)}m_{022}^{(10)}$$

$$
\begin{aligned}
&-m_{101}^{(10)}m_{201}^{(22)}m_{130}^{(21)} - m_{101}^{(10)}m_{201}^{(22)}m_{121}^{(11)} + m_{101}^{(10)}m_{201}^{(22)}m_{040}^{(20)} + m_{101}^{(10)}m_{201}^{(22)}m_{031}^{(10)}\\
&-m_{101}^{(10)}m_{120}^{(00)}m_{022}^{(22)} + m_{101}^{(10)}m_{120}^{(00)}m_{004}^{(11)} - 2m_{101}^{(10)}m_{120}^{(10)}m_{112}^{(22)} - 2m_{101}^{(10)}m_{120}^{(10)}m_{103}^{(21)}\\
&+2m_{101}^{(10)}m_{120}^{(10)}m_{013}^{(20)} + 2m_{101}^{(10)}m_{120}^{(10)}m_{004}^{(10)} + 4m_{101}^{(10)}m_{120}^{(20)}m_{121}^{(22)} + 2m_{101}^{(10)}m_{120}^{(20)}m_{112}^{(21)}\\
&-2m_{101}^{(10)}m_{120}^{(20)}m_{103}^{(11)} - 2m_{101}^{(10)}m_{120}^{(20)}m_{022}^{(20)} - 2m_{101}^{(10)}m_{120}^{(20)}m_{013}^{(10)} + 2m_{101}^{(10)}m_{120}^{(21)}m_{211}^{(22)}\\
&+2m_{101}^{(10)}m_{120}^{(21)}m_{202}^{(21)} - 2m_{101}^{(10)}m_{120}^{(21)}m_{112}^{(20)} - 2m_{101}^{(10)}m_{120}^{(21)}m_{103}^{(10)} - 3m_{101}^{(10)}m_{120}^{(22)}m_{220}^{(22)}\\
&-2m_{101}^{(10)}m_{120}^{(22)}m_{211}^{(21)} + m_{101}^{(10)}m_{120}^{(22)}m_{202}^{(11)} + 2m_{101}^{(10)}m_{120}^{(22)}m_{121}^{(20)} + 2m_{101}^{(10)}m_{120}^{(22)}m_{112}^{(10)}\\
&+2m_{101}^{(10)}m_{111}^{(00)}m_{031}^{(22)} - 2m_{101}^{(10)}m_{111}^{(00)}m_{013}^{(11)} + 4m_{101}^{(10)}m_{111}^{(10)}m_{112}^{(21)} + 4m_{101}^{(10)}m_{111}^{(10)}m_{103}^{(11)}\\
&-4m_{101}^{(10)}m_{111}^{(10)}m_{022}^{(20)} - 4m_{101}^{(10)}m_{111}^{(10)}m_{013}^{(10)} - 2m_{101}^{(10)}m_{111}^{(11)}m_{211}^{(22)} - 2m_{101}^{(10)}m_{111}^{(11)}m_{202}^{(21)}\\
&+2m_{101}^{(10)}m_{111}^{(11)}m_{112}^{(20)} + 2m_{101}^{(10)}m_{111}^{(11)}m_{103}^{(10)} - 4m_{101}^{(10)}m_{111}^{(20)}m_{130}^{(22)} - 4m_{101}^{(10)}m_{111}^{(20)}m_{121}^{(21)}\\
&+4m_{101}^{(10)}m_{111}^{(20)}m_{031}^{(20)} + 4m_{101}^{(10)}m_{111}^{(20)}m_{022}^{(10)} + 4m_{101}^{(10)}m_{111}^{(21)}m_{220}^{(22)} - 4m_{101}^{(10)}m_{111}^{(21)}m_{202}^{(11)}\\
&+2m_{101}^{(10)}m_{111}^{(22)}m_{220}^{(21)} + 2m_{101}^{(10)}m_{111}^{(22)}m_{211}^{(11)} - 2m_{101}^{(10)}m_{111}^{(22)}m_{130}^{(20)} - 2m_{101}^{(10)}m_{111}^{(22)}m_{121}^{(10)}\\
&-m_{101}^{(10)}m_{102}^{(00)}m_{040}^{(22)} + m_{101}^{(10)}m_{102}^{(00)}m_{022}^{(11)} + 2m_{101}^{(10)}m_{102}^{(10)}m_{130}^{(22)} - 2m_{101}^{(10)}m_{102}^{(10)}m_{121}^{(21)}\\
&-4m_{101}^{(10)}m_{102}^{(10)}m_{112}^{(11)} + 2m_{101}^{(10)}m_{102}^{(10)}m_{031}^{(20)} + 2m_{101}^{(10)}m_{102}^{(10)}m_{022}^{(10)} - m_{101}^{(10)}m_{102}^{(11)}m_{220}^{(22)}\\
&+2m_{101}^{(10)}m_{102}^{(11)}m_{211}^{(21)} + 3m_{101}^{(10)}m_{102}^{(11)}m_{202}^{(11)} - 2m_{101}^{(10)}m_{102}^{(11)}m_{121}^{(20)} - 2m_{101}^{(10)}m_{102}^{(11)}m_{112}^{(10)}\\
&+2m_{101}^{(10)}m_{102}^{(20)}m_{130}^{(21)} + 2m_{101}^{(10)}m_{102}^{(20)}m_{121}^{(11)} - 2m_{101}^{(10)}m_{102}^{(20)}m_{040}^{(20)} - 2m_{101}^{(10)}m_{102}^{(20)}m_{031}^{(10)}\\
&-2m_{101}^{(10)}m_{102}^{(21)}m_{220}^{(21)} - 2m_{101}^{(10)}m_{102}^{(21)}m_{211}^{(11)} + 2m_{101}^{(10)}m_{102}^{(21)}m_{130}^{(20)} + 2m_{101}^{(10)}m_{102}^{(21)}m_{121}^{(10)}\\
&+m_{101}^{(10)}m_{030}^{(00)}m_{112}^{(22)} + m_{101}^{(10)}m_{030}^{(00)}m_{103}^{(21)} - m_{101}^{(10)}m_{030}^{(00)}m_{013}^{(20)} - m_{101}^{(10)}m_{030}^{(00)}m_{004}^{(10)}\\
&-2m_{101}^{(10)}m_{030}^{(20)}m_{211}^{(22)} - 2m_{101}^{(10)}m_{030}^{(20)}m_{202}^{(21)} + 2m_{101}^{(10)}m_{030}^{(20)}m_{112}^{(20)} + 2m_{101}^{(10)}m_{030}^{(20)}m_{103}^{(10)}\\
&+m_{101}^{(10)}m_{030}^{(22)}m_{310}^{(22)} + m_{101}^{(10)}m_{030}^{(22)}m_{301}^{(21)} - m_{101}^{(10)}m_{030}^{(22)}m_{211}^{(20)} - m_{101}^{(10)}m_{030}^{(22)}m_{202}^{(10)}\\
&-2m_{101}^{(10)}m_{021}^{(00)}m_{121}^{(22)} - 3m_{101}^{(10)}m_{021}^{(00)}m_{112}^{(21)} - m_{101}^{(10)}m_{021}^{(00)}m_{103}^{(11)} + 3m_{101}^{(10)}m_{021}^{(00)}m_{022}^{(20)}\\
&+3m_{101}^{(10)}m_{021}^{(00)}m_{013}^{(10)} + 2m_{101}^{(10)}m_{021}^{(10)}m_{211}^{(22)} + 2m_{101}^{(10)}m_{021}^{(10)}m_{202}^{(21)} - 2m_{101}^{(10)}m_{021}^{(10)}m_{112}^{(20)}\\
&-2m_{101}^{(10)}m_{021}^{(10)}m_{103}^{(10)} + 2m_{101}^{(10)}m_{021}^{(20)}m_{220}^{(22)} + 4m_{101}^{(10)}m_{021}^{(20)}m_{211}^{(21)} + 2m_{101}^{(10)}m_{021}^{(20)}m_{202}^{(11)}\\
&-4m_{101}^{(10)}m_{021}^{(20)}m_{121}^{(20)} - 4m_{101}^{(10)}m_{021}^{(20)}m_{112}^{(10)} - 2m_{101}^{(10)}m_{021}^{(21)}m_{310}^{(22)} - 2m_{101}^{(10)}m_{021}^{(21)}m_{301}^{(21)}\\
&+2m_{101}^{(10)}m_{021}^{(21)}m_{211}^{(20)} + 2m_{101}^{(10)}m_{021}^{(21)}m_{202}^{(10)} - m_{101}^{(10)}m_{021}^{(22)}m_{310}^{(21)} - m_{101}^{(10)}m_{021}^{(22)}m_{301}^{(11)}\\
&+m_{101}^{(10)}m_{021}^{(22)}m_{220}^{(20)} + m_{101}^{(10)}m_{021}^{(22)}m_{211}^{(10)} + m_{101}^{(10)}m_{012}^{(00)}m_{130}^{(22)} + 3m_{101}^{(10)}m_{012}^{(00)}m_{121}^{(21)}\\
&+2m_{101}^{(10)}m_{012}^{(00)}m_{112}^{(11)} - 3m_{101}^{(10)}m_{012}^{(00)}m_{031}^{(20)} - 3m_{101}^{(10)}m_{012}^{(00)}m_{022}^{(10)} - 2m_{101}^{(10)}m_{012}^{(10)}m_{220}^{(22)}\\
&-4m_{101}^{(10)}m_{012}^{(10)}m_{211}^{(21)} - 2m_{101}^{(10)}m_{012}^{(10)}m_{202}^{(11)} + 4m_{101}^{(10)}m_{012}^{(10)}m_{121}^{(20)} + 4m_{101}^{(10)}m_{012}^{(10)}m_{112}^{(10)}\\
&+m_{101}^{(10)}m_{012}^{(11)}m_{310}^{(22)} + m_{101}^{(10)}m_{012}^{(11)}m_{301}^{(21)} - m_{101}^{(10)}m_{012}^{(11)}m_{211}^{(20)} - m_{101}^{(10)}m_{012}^{(11)}m_{202}^{(10)}\\
&-2m_{101}^{(10)}m_{012}^{(20)}m_{220}^{(21)} - 2m_{101}^{(10)}m_{012}^{(20)}m_{211}^{(11)} + 2m_{101}^{(10)}m_{012}^{(20)}m_{130}^{(20)} + 2m_{101}^{(10)}m_{012}^{(20)}m_{121}^{(10)}\\
&+2m_{101}^{(10)}m_{012}^{(21)}m_{310}^{(21)} + 2m_{101}^{(10)}m_{012}^{(21)}m_{301}^{(11)} - 2m_{101}^{(10)}m_{012}^{(21)}m_{220}^{(20)} - 2m_{101}^{(10)}m_{012}^{(21)}m_{211}^{(10)}\\
&-m_{101}^{(10)}m_{003}^{(00)}m_{130}^{(21)} - m_{101}^{(10)}m_{003}^{(00)}m_{121}^{(11)} + m_{101}^{(10)}m_{003}^{(00)}m_{040}^{(20)} + m_{101}^{(10)}m_{003}^{(00)}m_{031}^{(10)}\\
&+2m_{101}^{(10)}m_{003}^{(10)}m_{220}^{(21)} + 2m_{101}^{(10)}m_{003}^{(10)}m_{211}^{(11)} - 2m_{101}^{(10)}m_{003}^{(10)}m_{130}^{(20)} - 2m_{101}^{(10)}m_{003}^{(10)}m_{121}^{(10)}\\
&-m_{101}^{(10)}m_{003}^{(11)}m_{310}^{(21)} - m_{101}^{(10)}m_{003}^{(11)}m_{301}^{(11)} + m_{101}^{(10)}m_{003}^{(11)}m_{220}^{(20)} + m_{101}^{(10)}m_{003}^{(11)}m_{211}^{(10)}\\
&+m_{101}^{(11)}m_{300}^{(11)}m_{112}^{(22)} - m_{101}^{(11)}m_{300}^{(11)}m_{103}^{(21)} + m_{101}^{(11)}m_{300}^{(11)}m_{013}^{(20)} - m_{101}^{(11)}m_{300}^{(11)}m_{004}^{(10)}\\
&-2m_{101}^{(11)}m_{300}^{(21)}m_{121}^{(22)} + 2m_{101}^{(11)}m_{300}^{(21)}m_{112}^{(21)} - 2m_{101}^{(11)}m_{300}^{(21)}m_{022}^{(20)} + 2m_{101}^{(11)}m_{300}^{(21)}m_{013}^{(10)}\\
&+m_{101}^{(11)}m_{300}^{(22)}m_{130}^{(22)} - m_{101}^{(11)}m_{300}^{(22)}m_{121}^{(21)} + m_{101}^{(11)}m_{300}^{(22)}m_{031}^{(20)} - m_{101}^{(11)}m_{300}^{(22)}m_{022}^{(10)}\\
&-2m_{101}^{(11)}m_{210}^{(10)}m_{112}^{(22)} + 2m_{101}^{(11)}m_{210}^{(10)}m_{103}^{(21)} - 2m_{101}^{(11)}m_{210}^{(10)}m_{013}^{(20)} + 2m_{101}^{(11)}m_{210}^{(10)}m_{004}^{(10)}\\
&-m_{101}^{(11)}m_{210}^{(11)}m_{202}^{(22)} + m_{101}^{(11)}m_{210}^{(11)}m_{004}^{(00)} + 2m_{101}^{(11)}m_{210}^{(20)}m_{121}^{(22)} - 2m_{101}^{(11)}m_{210}^{(20)}m_{112}^{(21)}
\end{aligned}
$$

$$+2m_{101}^{(11)}m_{210}^{(20)}m_{022}^{(20)} - 2m_{101}^{(11)}m_{210}^{(20)}m_{013}^{(10)} + 4m_{101}^{(11)}m_{210}^{(21)}m_{211}^{(22)} - 2m_{101}^{(11)}m_{210}^{(21)}m_{202}^{(21)}$$
$$+2m_{101}^{(11)}m_{210}^{(21)}m_{112}^{(20)} - 2m_{101}^{(11)}m_{210}^{(21)}m_{103}^{(10)} - 2m_{101}^{(11)}m_{210}^{(21)}m_{013}^{(00)} - 3m_{101}^{(11)}m_{210}^{(22)}m_{220}^{(22)}$$
$$+2m_{101}^{(11)}m_{210}^{(22)}m_{211}^{(21)} - 2m_{101}^{(11)}m_{210}^{(22)}m_{121}^{(20)} + 2m_{101}^{(11)}m_{210}^{(22)}m_{112}^{(10)} + m_{101}^{(11)}m_{210}^{(22)}m_{022}^{(00)}$$
$$+2m_{101}^{(11)}m_{201}^{(10)}m_{121}^{(22)} - 2m_{101}^{(11)}m_{201}^{(10)}m_{112}^{(21)} + 2m_{101}^{(11)}m_{201}^{(10)}m_{022}^{(20)} - 2m_{101}^{(11)}m_{201}^{(10)}m_{013}^{(10)}$$
$$-2m_{101}^{(11)}m_{201}^{(11)}m_{211}^{(22)} + 3m_{101}^{(11)}m_{201}^{(11)}m_{202}^{(21)} - 3m_{101}^{(11)}m_{201}^{(11)}m_{112}^{(20)} + 3m_{101}^{(11)}m_{201}^{(11)}m_{103}^{(10)}$$
$$-m_{101}^{(11)}m_{201}^{(11)}m_{013}^{(00)} - 2m_{101}^{(11)}m_{201}^{(20)}m_{130}^{(22)} + 2m_{101}^{(11)}m_{201}^{(20)}m_{121}^{(21)} - 2m_{101}^{(11)}m_{201}^{(20)}m_{031}^{(20)}$$
$$+2m_{101}^{(11)}m_{201}^{(20)}m_{022}^{(10)} + 2m_{101}^{(11)}m_{201}^{(21)}m_{220}^{(22)} - 4m_{101}^{(11)}m_{201}^{(21)}m_{211}^{(21)} + 4m_{101}^{(11)}m_{201}^{(21)}m_{121}^{(20)}$$
$$-4m_{101}^{(11)}m_{201}^{(21)}m_{112}^{(10)} + 2m_{101}^{(11)}m_{201}^{(21)}m_{022}^{(00)} + m_{101}^{(11)}m_{201}^{(22)}m_{220}^{(21)} - m_{101}^{(11)}m_{201}^{(22)}m_{130}^{(20)}$$
$$+m_{101}^{(11)}m_{201}^{(22)}m_{121}^{(10)} - m_{101}^{(11)}m_{201}^{(22)}m_{031}^{(00)} + m_{101}^{(11)}m_{120}^{(00)}m_{112}^{(22)} - m_{101}^{(11)}m_{120}^{(00)}m_{103}^{(21)}$$
$$+m_{101}^{(11)}m_{120}^{(00)}m_{013}^{(20)} - m_{101}^{(11)}m_{120}^{(00)}m_{004}^{(10)} + 2m_{101}^{(11)}m_{120}^{(10)}m_{202}^{(22)} - 2m_{101}^{(11)}m_{120}^{(10)}m_{004}^{(00)}$$
$$-4m_{101}^{(11)}m_{120}^{(20)}m_{211}^{(22)} + 2m_{101}^{(11)}m_{120}^{(20)}m_{202}^{(21)} - 2m_{101}^{(11)}m_{120}^{(20)}m_{112}^{(20)} + 2m_{101}^{(11)}m_{120}^{(20)}m_{103}^{(10)}$$
$$+2m_{101}^{(11)}m_{120}^{(20)}m_{013}^{(00)} - 2m_{101}^{(11)}m_{120}^{(21)}m_{301}^{(22)} + 2m_{101}^{(11)}m_{120}^{(21)}m_{103}^{(00)} + 3m_{101}^{(11)}m_{120}^{(22)}m_{310}^{(22)}$$
$$-m_{101}^{(11)}m_{120}^{(22)}m_{301}^{(21)} + m_{101}^{(11)}m_{120}^{(22)}m_{211}^{(20)} - m_{101}^{(11)}m_{120}^{(22)}m_{202}^{(10)} - 2m_{101}^{(11)}m_{120}^{(22)}m_{112}^{(00)}$$
$$-2m_{101}^{(11)}m_{111}^{(00)}m_{121}^{(22)} + 2m_{101}^{(11)}m_{111}^{(00)}m_{112}^{(21)} - 2m_{101}^{(11)}m_{111}^{(00)}m_{022}^{(20)} + 2m_{101}^{(11)}m_{111}^{(00)}m_{013}^{(10)}$$
$$-4m_{101}^{(11)}m_{111}^{(10)}m_{202}^{(21)} + 4m_{101}^{(11)}m_{111}^{(10)}m_{112}^{(20)} - 4m_{101}^{(11)}m_{111}^{(10)}m_{103}^{(10)} + 4m_{101}^{(11)}m_{111}^{(10)}m_{013}^{(00)}$$
$$+2m_{101}^{(11)}m_{111}^{(11)}m_{301}^{(22)} - 2m_{101}^{(11)}m_{111}^{(11)}m_{103}^{(00)} + 4m_{101}^{(11)}m_{111}^{(20)}m_{220}^{(22)} - 4m_{101}^{(11)}m_{111}^{(20)}m_{022}^{(00)}$$
$$-4m_{101}^{(11)}m_{111}^{(21)}m_{310}^{(22)} + 4m_{101}^{(11)}m_{111}^{(21)}m_{301}^{(21)} - 4m_{101}^{(11)}m_{111}^{(21)}m_{211}^{(20)} + 4m_{101}^{(11)}m_{111}^{(21)}m_{202}^{(10)}$$
$$-2m_{101}^{(11)}m_{111}^{(22)}m_{310}^{(21)} + 2m_{101}^{(11)}m_{111}^{(22)}m_{220}^{(20)} - 2m_{101}^{(11)}m_{111}^{(22)}m_{211}^{(10)} + 2m_{101}^{(11)}m_{111}^{(22)}m_{121}^{(00)}$$
$$+m_{101}^{(11)}m_{102}^{(00)}m_{130}^{(22)} - m_{101}^{(11)}m_{102}^{(00)}m_{121}^{(21)} + m_{101}^{(11)}m_{102}^{(00)}m_{031}^{(20)} - m_{101}^{(11)}m_{102}^{(00)}m_{022}^{(10)}$$
$$-2m_{101}^{(11)}m_{102}^{(10)}m_{220}^{(22)} + 4m_{101}^{(11)}m_{102}^{(10)}m_{211}^{(21)} - 4m_{101}^{(11)}m_{102}^{(10)}m_{121}^{(20)} + 4m_{101}^{(11)}m_{102}^{(10)}m_{112}^{(10)}$$
$$-2m_{101}^{(11)}m_{102}^{(10)}m_{022}^{(00)} + m_{101}^{(11)}m_{102}^{(11)}m_{310}^{(22)} - 3m_{101}^{(11)}m_{102}^{(11)}m_{301}^{(21)} + 3m_{101}^{(11)}m_{102}^{(11)}m_{211}^{(20)}$$
$$-3m_{101}^{(11)}m_{102}^{(11)}m_{202}^{(10)} + 2m_{101}^{(11)}m_{102}^{(11)}m_{112}^{(00)} - 2m_{101}^{(11)}m_{102}^{(20)}m_{220}^{(21)} + 2m_{101}^{(11)}m_{102}^{(20)}m_{130}^{(20)}$$
$$-2m_{101}^{(11)}m_{102}^{(20)}m_{121}^{(10)} + 2m_{101}^{(11)}m_{102}^{(20)}m_{031}^{(00)} + 2m_{101}^{(11)}m_{102}^{(21)}m_{310}^{(21)} - 2m_{101}^{(11)}m_{102}^{(21)}m_{220}^{(20)}$$
$$+2m_{101}^{(11)}m_{102}^{(21)}m_{211}^{(10)} - 2m_{101}^{(11)}m_{102}^{(21)}m_{121}^{(00)} - m_{101}^{(11)}m_{030}^{(00)}m_{202}^{(22)} + m_{101}^{(11)}m_{030}^{(00)}m_{004}^{(00)}$$
$$+2m_{101}^{(11)}m_{030}^{(20)}m_{301}^{(22)} - 2m_{101}^{(11)}m_{030}^{(20)}m_{103}^{(00)} - m_{101}^{(11)}m_{030}^{(22)}m_{400}^{(22)} + m_{101}^{(11)}m_{030}^{(22)}m_{202}^{(00)}$$
$$+2m_{101}^{(11)}m_{021}^{(00)}m_{211}^{(22)} + m_{101}^{(11)}m_{021}^{(00)}m_{202}^{(21)} - m_{101}^{(11)}m_{021}^{(00)}m_{112}^{(20)} + m_{101}^{(11)}m_{021}^{(00)}m_{103}^{(10)}$$
$$-3m_{101}^{(11)}m_{021}^{(00)}m_{013}^{(00)} - 2m_{101}^{(11)}m_{021}^{(10)}m_{301}^{(22)} + 2m_{101}^{(11)}m_{021}^{(10)}m_{103}^{(00)} - 2m_{101}^{(11)}m_{021}^{(20)}m_{310}^{(22)}$$
$$-2m_{101}^{(11)}m_{021}^{(20)}m_{301}^{(21)} + 2m_{101}^{(11)}m_{021}^{(20)}m_{211}^{(20)} - 2m_{101}^{(11)}m_{021}^{(20)}m_{202}^{(10)} + 4m_{101}^{(11)}m_{021}^{(20)}m_{112}^{(00)}$$
$$+2m_{101}^{(11)}m_{021}^{(21)}m_{400}^{(22)} - 2m_{101}^{(11)}m_{021}^{(21)}m_{202}^{(00)} + m_{101}^{(11)}m_{021}^{(22)}m_{400}^{(21)} - m_{101}^{(11)}m_{021}^{(22)}m_{310}^{(20)}$$
$$+m_{101}^{(11)}m_{021}^{(22)}m_{301}^{(10)} - m_{101}^{(11)}m_{021}^{(22)}m_{211}^{(00)} - m_{101}^{(11)}m_{012}^{(00)}m_{220}^{(22)} - 2m_{101}^{(11)}m_{012}^{(00)}m_{211}^{(21)}$$
$$+2m_{101}^{(11)}m_{012}^{(00)}m_{121}^{(20)} - 2m_{101}^{(11)}m_{012}^{(00)}m_{112}^{(10)} + 3m_{101}^{(11)}m_{012}^{(00)}m_{022}^{(00)} + 2m_{101}^{(11)}m_{012}^{(10)}m_{310}^{(22)}$$
$$+2m_{101}^{(11)}m_{012}^{(10)}m_{301}^{(21)} - 2m_{101}^{(11)}m_{012}^{(10)}m_{211}^{(20)} + 2m_{101}^{(11)}m_{012}^{(10)}m_{202}^{(10)} - 4m_{101}^{(11)}m_{012}^{(10)}m_{112}^{(00)}$$
$$-m_{101}^{(11)}m_{012}^{(11)}m_{400}^{(22)} + m_{101}^{(11)}m_{012}^{(11)}m_{202}^{(00)} + 2m_{101}^{(11)}m_{012}^{(20)}m_{310}^{(21)} - 2m_{101}^{(11)}m_{012}^{(20)}m_{220}^{(20)}$$
$$+2m_{101}^{(11)}m_{012}^{(20)}m_{211}^{(10)} - 2m_{101}^{(11)}m_{012}^{(20)}m_{121}^{(00)} - 2m_{101}^{(11)}m_{012}^{(21)}m_{400}^{(21)} + 2m_{101}^{(11)}m_{012}^{(21)}m_{310}^{(20)}$$
$$-2m_{101}^{(11)}m_{012}^{(21)}m_{301}^{(10)} + 2m_{101}^{(11)}m_{012}^{(21)}m_{211}^{(00)} + m_{101}^{(11)}m_{003}^{(00)}m_{220}^{(21)} - m_{101}^{(11)}m_{003}^{(00)}m_{130}^{(20)}$$
$$+m_{101}^{(11)}m_{003}^{(00)}m_{121}^{(10)} - m_{101}^{(11)}m_{003}^{(00)}m_{031}^{(00)} - 2m_{101}^{(11)}m_{003}^{(10)}m_{310}^{(21)} + 2m_{101}^{(11)}m_{003}^{(10)}m_{220}^{(20)}$$
$$-2m_{101}^{(11)}m_{003}^{(10)}m_{211}^{(10)} + 2m_{101}^{(11)}m_{003}^{(10)}m_{121}^{(00)} + m_{101}^{(11)}m_{003}^{(11)}m_{400}^{(21)} - m_{101}^{(11)}m_{003}^{(11)}m_{310}^{(20)}$$
$$+m_{101}^{(11)}m_{003}^{(11)}m_{301}^{(10)} - m_{101}^{(11)}m_{003}^{(11)}m_{211}^{(00)} + 2m_{101}^{(20)}m_{300}^{(11)}m_{022}^{(21)} - 2m_{101}^{(20)}m_{300}^{(11)}m_{013}^{(11)}$$

$$
\begin{aligned}
&-4m_{101}^{(20)}m_{300}^{(21)}m_{031}^{(21)} + 4m_{101}^{(20)}m_{300}^{(21)}m_{022}^{(11)} + 2m_{101}^{(20)}m_{300}^{(22)}m_{040}^{(21)} - 2m_{101}^{(20)}m_{300}^{(22)}m_{031}^{(11)}\\
&-4m_{101}^{(20)}m_{210}^{(10)}m_{022}^{(21)} + 4m_{101}^{(20)}m_{210}^{(10)}m_{013}^{(11)} - 2m_{101}^{(20)}m_{210}^{(11)}m_{112}^{(21)} + 2m_{101}^{(20)}m_{210}^{(11)}m_{013}^{(10)}\\
&+4m_{101}^{(20)}m_{210}^{(20)}m_{031}^{(21)} - 4m_{101}^{(20)}m_{210}^{(20)}m_{022}^{(11)} + 8m_{101}^{(20)}m_{210}^{(21)}m_{121}^{(21)} - 4m_{101}^{(20)}m_{210}^{(21)}m_{112}^{(11)}\\
&-4m_{101}^{(20)}m_{210}^{(21)}m_{022}^{(10)} - 6m_{101}^{(20)}m_{210}^{(22)}m_{130}^{(21)} + 4m_{101}^{(20)}m_{210}^{(22)}m_{121}^{(11)} + 2m_{101}^{(20)}m_{210}^{(22)}m_{031}^{(10)}\\
&+4m_{101}^{(20)}m_{201}^{(10)}m_{031}^{(21)} - 4m_{101}^{(20)}m_{201}^{(10)}m_{022}^{(11)} - 4m_{101}^{(20)}m_{201}^{(11)}m_{121}^{(21)} + 6m_{101}^{(20)}m_{201}^{(11)}m_{112}^{(11)}\\
&-2m_{101}^{(20)}m_{201}^{(11)}m_{022}^{(10)} - 4m_{101}^{(20)}m_{201}^{(20)}m_{040}^{(21)} + 4m_{101}^{(20)}m_{201}^{(20)}m_{031}^{(11)} + 4m_{101}^{(20)}m_{201}^{(21)}m_{130}^{(21)}\\
&-8m_{101}^{(20)}m_{201}^{(21)}m_{121}^{(11)} + 4m_{101}^{(20)}m_{201}^{(21)}m_{031}^{(10)} + 2m_{101}^{(20)}m_{201}^{(22)}m_{130}^{(11)} - 2m_{101}^{(20)}m_{201}^{(22)}m_{040}^{(10)}\\
&+2m_{101}^{(20)}m_{120}^{(00)}m_{022}^{(21)} - 2m_{101}^{(20)}m_{120}^{(00)}m_{013}^{(11)} + 4m_{101}^{(20)}m_{120}^{(10)}m_{112}^{(21)} - 4m_{101}^{(20)}m_{120}^{(10)}m_{013}^{(10)}\\
&-8m_{101}^{(20)}m_{120}^{(20)}m_{121}^{(21)} + 4m_{101}^{(20)}m_{120}^{(20)}m_{112}^{(11)} + 4m_{101}^{(20)}m_{120}^{(20)}m_{022}^{(10)} - 4m_{101}^{(20)}m_{120}^{(21)}m_{211}^{(21)}\\
&+4m_{101}^{(20)}m_{120}^{(21)}m_{112}^{(10)} + 6m_{101}^{(20)}m_{120}^{(22)}m_{220}^{(21)} - 2m_{101}^{(20)}m_{120}^{(22)}m_{211}^{(11)} - 4m_{101}^{(20)}m_{120}^{(22)}m_{121}^{(10)}\\
&-4m_{101}^{(20)}m_{111}^{(00)}m_{031}^{(21)} + 4m_{101}^{(20)}m_{111}^{(00)}m_{022}^{(11)} - 8m_{101}^{(20)}m_{111}^{(10)}m_{112}^{(11)} + 8m_{101}^{(20)}m_{111}^{(10)}m_{022}^{(10)}\\
&+4m_{101}^{(20)}m_{111}^{(11)}m_{211}^{(21)} - 4m_{101}^{(20)}m_{111}^{(11)}m_{112}^{(10)} + 8m_{101}^{(20)}m_{111}^{(20)}m_{130}^{(21)} - 8m_{101}^{(20)}m_{111}^{(20)}m_{031}^{(10)}\\
&-8m_{101}^{(20)}m_{111}^{(21)}m_{220}^{(21)} + 8m_{101}^{(20)}m_{111}^{(21)}m_{211}^{(11)} - 4m_{101}^{(20)}m_{111}^{(22)}m_{220}^{(11)} + 4m_{101}^{(20)}m_{111}^{(22)}m_{130}^{(10)}\\
&+2m_{101}^{(20)}m_{102}^{(00)}m_{040}^{(21)} - 2m_{101}^{(20)}m_{102}^{(00)}m_{031}^{(11)} - 4m_{101}^{(20)}m_{102}^{(10)}m_{130}^{(21)} + 8m_{101}^{(20)}m_{102}^{(10)}m_{121}^{(11)}\\
&-4m_{101}^{(20)}m_{102}^{(10)}m_{031}^{(10)} + 2m_{101}^{(20)}m_{102}^{(11)}m_{220}^{(21)} - 6m_{101}^{(20)}m_{102}^{(11)}m_{211}^{(11)} + 4m_{101}^{(20)}m_{102}^{(11)}m_{121}^{(10)}\\
&-4m_{101}^{(20)}m_{102}^{(20)}m_{130}^{(11)} + 4m_{101}^{(20)}m_{102}^{(20)}m_{040}^{(10)} + 4m_{101}^{(20)}m_{102}^{(21)}m_{220}^{(11)} - 4m_{101}^{(20)}m_{102}^{(21)}m_{130}^{(10)}\\
&-2m_{101}^{(20)}m_{030}^{(00)}m_{112}^{(21)} + 2m_{101}^{(20)}m_{030}^{(00)}m_{013}^{(10)} + 4m_{101}^{(20)}m_{030}^{(20)}m_{211}^{(21)} - 4m_{101}^{(20)}m_{030}^{(20)}m_{112}^{(10)}\\
&-2m_{101}^{(20)}m_{030}^{(22)}m_{310}^{(21)} + 2m_{101}^{(20)}m_{030}^{(22)}m_{211}^{(10)} + 4m_{101}^{(20)}m_{021}^{(00)}m_{121}^{(21)} + 2m_{101}^{(20)}m_{021}^{(00)}m_{112}^{(11)}\\
&-6m_{101}^{(20)}m_{021}^{(00)}m_{022}^{(10)} - 4m_{101}^{(20)}m_{021}^{(10)}m_{211}^{(21)} + 4m_{101}^{(20)}m_{021}^{(10)}m_{112}^{(10)} - 4m_{101}^{(20)}m_{021}^{(20)}m_{220}^{(21)}\\
&-4m_{101}^{(20)}m_{021}^{(20)}m_{211}^{(11)} + 8m_{101}^{(20)}m_{021}^{(20)}m_{121}^{(10)} + 4m_{101}^{(20)}m_{021}^{(21)}m_{310}^{(21)} - 4m_{101}^{(20)}m_{021}^{(21)}m_{211}^{(10)}\\
&+2m_{101}^{(20)}m_{021}^{(22)}m_{310}^{(11)} - 2m_{101}^{(20)}m_{021}^{(22)}m_{220}^{(10)} - 2m_{101}^{(20)}m_{012}^{(00)}m_{130}^{(21)} - 4m_{101}^{(20)}m_{012}^{(00)}m_{121}^{(11)}\\
&+6m_{101}^{(20)}m_{012}^{(00)}m_{031}^{(10)} + 4m_{101}^{(20)}m_{012}^{(10)}m_{220}^{(21)} + 4m_{101}^{(20)}m_{012}^{(10)}m_{211}^{(11)} - 8m_{101}^{(20)}m_{012}^{(10)}m_{121}^{(10)}\\
&-2m_{101}^{(20)}m_{012}^{(11)}m_{310}^{(21)} + 2m_{101}^{(20)}m_{012}^{(11)}m_{211}^{(10)} + 4m_{101}^{(20)}m_{012}^{(20)}m_{220}^{(11)} - 4m_{101}^{(20)}m_{012}^{(20)}m_{130}^{(10)}\\
&-4m_{101}^{(20)}m_{012}^{(21)}m_{310}^{(11)} + 4m_{101}^{(20)}m_{012}^{(21)}m_{220}^{(10)} + 2m_{101}^{(20)}m_{003}^{(00)}m_{130}^{(11)} - 2m_{101}^{(20)}m_{003}^{(00)}m_{040}^{(10)}\\
&-4m_{101}^{(20)}m_{003}^{(10)}m_{220}^{(11)} + 4m_{101}^{(20)}m_{003}^{(10)}m_{130}^{(10)} + 2m_{101}^{(20)}m_{003}^{(11)}m_{310}^{(11)} - 2m_{101}^{(20)}m_{003}^{(11)}m_{220}^{(10)}\\
&-m_{101}^{(21)}m_{300}^{(11)}m_{112}^{(21)} + m_{101}^{(21)}m_{300}^{(11)}m_{103}^{(11)} - m_{101}^{(21)}m_{300}^{(11)}m_{022}^{(20)} + m_{101}^{(21)}m_{300}^{(11)}m_{013}^{(10)}\\
&+2m_{101}^{(21)}m_{300}^{(21)}m_{121}^{(21)} - 2m_{101}^{(21)}m_{300}^{(21)}m_{112}^{(11)} + 2m_{101}^{(21)}m_{300}^{(21)}m_{031}^{(20)} - 2m_{101}^{(21)}m_{300}^{(21)}m_{022}^{(10)}\\
&-m_{101}^{(21)}m_{300}^{(22)}m_{130}^{(21)} + m_{101}^{(21)}m_{300}^{(22)}m_{121}^{(11)} - m_{101}^{(21)}m_{300}^{(22)}m_{040}^{(20)} + m_{101}^{(21)}m_{300}^{(22)}m_{031}^{(10)}\\
&+2m_{101}^{(21)}m_{210}^{(10)}m_{112}^{(21)} - 2m_{101}^{(21)}m_{210}^{(10)}m_{103}^{(11)} + 2m_{101}^{(21)}m_{210}^{(10)}m_{022}^{(20)} - 2m_{101}^{(21)}m_{210}^{(10)}m_{013}^{(10)}\\
&+m_{101}^{(21)}m_{210}^{(11)}m_{202}^{(21)} + m_{101}^{(21)}m_{210}^{(11)}m_{112}^{(20)} - m_{101}^{(21)}m_{210}^{(11)}m_{103}^{(10)} - m_{101}^{(21)}m_{210}^{(11)}m_{013}^{(00)}\\
&-2m_{101}^{(21)}m_{210}^{(20)}m_{121}^{(21)} + 2m_{101}^{(21)}m_{210}^{(20)}m_{112}^{(11)} - 2m_{101}^{(21)}m_{210}^{(20)}m_{031}^{(20)} + 2m_{101}^{(21)}m_{210}^{(20)}m_{022}^{(10)}\\
&-4m_{101}^{(21)}m_{210}^{(21)}m_{211}^{(21)} + 2m_{101}^{(21)}m_{210}^{(21)}m_{202}^{(11)} - 4m_{101}^{(21)}m_{210}^{(21)}m_{121}^{(20)} + 4m_{101}^{(21)}m_{210}^{(21)}m_{112}^{(10)}\\
&+2m_{101}^{(21)}m_{210}^{(21)}m_{022}^{(00)} + 3m_{101}^{(21)}m_{210}^{(22)}m_{220}^{(21)} - 2m_{101}^{(21)}m_{210}^{(22)}m_{211}^{(11)} + 3m_{101}^{(21)}m_{210}^{(22)}m_{130}^{(20)}\\
&-3m_{101}^{(21)}m_{210}^{(22)}m_{121}^{(10)} - m_{101}^{(21)}m_{210}^{(22)}m_{031}^{(00)} - 2m_{101}^{(21)}m_{201}^{(10)}m_{121}^{(21)} + 2m_{101}^{(21)}m_{201}^{(10)}m_{112}^{(11)}\\
&-2m_{101}^{(21)}m_{201}^{(10)}m_{031}^{(20)} + 2m_{101}^{(21)}m_{201}^{(10)}m_{022}^{(10)} + 2m_{101}^{(21)}m_{201}^{(11)}m_{211}^{(21)} - 3m_{101}^{(21)}m_{201}^{(11)}m_{202}^{(11)}\\
&+2m_{101}^{(21)}m_{201}^{(11)}m_{121}^{(20)} - 2m_{101}^{(21)}m_{201}^{(11)}m_{112}^{(10)} + m_{101}^{(21)}m_{201}^{(11)}m_{022}^{(00)} + 2m_{101}^{(21)}m_{201}^{(20)}m_{130}^{(21)}\\
&-2m_{101}^{(21)}m_{201}^{(20)}m_{121}^{(11)} + 2m_{101}^{(21)}m_{201}^{(20)}m_{040}^{(20)} - 2m_{101}^{(21)}m_{201}^{(20)}m_{031}^{(10)} - 2m_{101}^{(21)}m_{201}^{(21)}m_{220}^{(21)}\\
&+4m_{101}^{(21)}m_{201}^{(21)}m_{211}^{(11)} - 2m_{101}^{(21)}m_{201}^{(21)}m_{130}^{(20)} + 2m_{101}^{(21)}m_{201}^{(21)}m_{121}^{(10)} - 2m_{101}^{(21)}m_{201}^{(21)}m_{031}^{(00)}
\end{aligned}
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\begin{aligned}
&-m_{101}^{(21)}m_{201}^{(22)}m_{220}^{(11)}+m_{101}^{(21)}m_{201}^{(22)}m_{040}^{(00)}-m_{101}^{(21)}m_{120}^{(00)}m_{112}^{(21)}+m_{101}^{(21)}m_{120}^{(00)}m_{103}^{(11)}\\
&-m_{101}^{(21)}m_{120}^{(00)}m_{022}^{(20)}+m_{101}^{(21)}m_{120}^{(00)}m_{013}^{(10)}-2m_{101}^{(21)}m_{120}^{(10)}m_{202}^{(21)}-2m_{101}^{(21)}m_{120}^{(10)}m_{112}^{(20)}\\
&+2m_{101}^{(21)}m_{120}^{(10)}m_{103}^{(10)}+2m_{101}^{(21)}m_{120}^{(10)}m_{013}^{(00)}+4m_{101}^{(21)}m_{120}^{(20)}m_{211}^{(21)}-2m_{101}^{(21)}m_{120}^{(20)}m_{202}^{(11)}\\
&+4m_{101}^{(21)}m_{120}^{(20)}m_{121}^{(20)}-4m_{101}^{(21)}m_{120}^{(20)}m_{112}^{(10)}-2m_{101}^{(21)}m_{120}^{(20)}m_{022}^{(00)}+2m_{101}^{(21)}m_{120}^{(21)}m_{301}^{(21)}\\
&+2m_{101}^{(21)}m_{120}^{(21)}m_{211}^{(20)}-2m_{101}^{(21)}m_{120}^{(21)}m_{202}^{(10)}-2m_{101}^{(21)}m_{120}^{(21)}m_{112}^{(00)}-3m_{101}^{(21)}m_{120}^{(22)}m_{310}^{(21)}\\
&+m_{101}^{(21)}m_{120}^{(22)}m_{301}^{(11)}-3m_{101}^{(21)}m_{120}^{(22)}m_{220}^{(20)}+3m_{101}^{(21)}m_{120}^{(22)}m_{211}^{(10)}+2m_{101}^{(21)}m_{120}^{(22)}m_{121}^{(00)}\\
&+2m_{101}^{(21)}m_{111}^{(00)}m_{121}^{(21)}-2m_{101}^{(21)}m_{111}^{(00)}m_{112}^{(11)}+2m_{101}^{(21)}m_{111}^{(00)}m_{031}^{(20)}-2m_{101}^{(21)}m_{111}^{(00)}m_{022}^{(10)}\\
&+4m_{101}^{(21)}m_{111}^{(10)}m_{202}^{(11)}-4m_{101}^{(21)}m_{111}^{(10)}m_{022}^{(00)}-2m_{101}^{(21)}m_{111}^{(11)}m_{301}^{(21)}-2m_{101}^{(21)}m_{111}^{(11)}m_{211}^{(20)}\\
&+2m_{101}^{(21)}m_{111}^{(11)}m_{202}^{(10)}+2m_{101}^{(21)}m_{111}^{(11)}m_{112}^{(00)}-4m_{101}^{(21)}m_{111}^{(20)}m_{220}^{(21)}-4m_{101}^{(21)}m_{111}^{(20)}m_{130}^{(20)}\\
&+4m_{101}^{(21)}m_{111}^{(20)}m_{121}^{(10)}+4m_{101}^{(21)}m_{111}^{(20)}m_{031}^{(00)}+4m_{101}^{(21)}m_{111}^{(21)}m_{310}^{(21)}-4m_{101}^{(21)}m_{111}^{(21)}m_{301}^{(11)}\\
&+4m_{101}^{(21)}m_{111}^{(21)}m_{220}^{(20)}-4m_{101}^{(21)}m_{111}^{(21)}m_{211}^{(10)}+2m_{101}^{(21)}m_{111}^{(22)}m_{310}^{(11)}-2m_{101}^{(21)}m_{111}^{(22)}m_{130}^{(00)}\\
&-m_{101}^{(21)}m_{102}^{(00)}m_{130}^{(21)}+m_{101}^{(21)}m_{102}^{(00)}m_{121}^{(11)}-m_{101}^{(21)}m_{102}^{(00)}m_{040}^{(20)}+m_{101}^{(21)}m_{102}^{(00)}m_{031}^{(10)}\\
&+2m_{101}^{(21)}m_{102}^{(10)}m_{220}^{(21)}-4m_{101}^{(21)}m_{102}^{(10)}m_{211}^{(11)}+2m_{101}^{(21)}m_{102}^{(10)}m_{130}^{(20)}-2m_{101}^{(21)}m_{102}^{(10)}m_{121}^{(10)}\\
&+2m_{101}^{(21)}m_{102}^{(10)}m_{031}^{(00)}-m_{101}^{(21)}m_{102}^{(11)}m_{310}^{(21)}+3m_{101}^{(21)}m_{102}^{(11)}m_{301}^{(11)}-m_{101}^{(21)}m_{102}^{(11)}m_{220}^{(20)}\\
&+m_{101}^{(21)}m_{102}^{(11)}m_{211}^{(10)}-2m_{101}^{(21)}m_{102}^{(11)}m_{121}^{(00)}+2m_{101}^{(21)}m_{102}^{(20)}m_{220}^{(11)}-2m_{101}^{(21)}m_{102}^{(20)}m_{040}^{(00)}\\
&-2m_{101}^{(21)}m_{102}^{(21)}m_{310}^{(11)}+2m_{101}^{(21)}m_{102}^{(21)}m_{130}^{(00)}+m_{101}^{(21)}m_{030}^{(00)}m_{202}^{(21)}+m_{101}^{(21)}m_{030}^{(00)}m_{112}^{(20)}\\
&-m_{101}^{(21)}m_{030}^{(00)}m_{103}^{(10)}-m_{101}^{(21)}m_{030}^{(00)}m_{013}^{(00)}-2m_{101}^{(21)}m_{030}^{(20)}m_{301}^{(21)}-2m_{101}^{(21)}m_{030}^{(20)}m_{211}^{(20)}\\
&+2m_{101}^{(21)}m_{030}^{(20)}m_{202}^{(10)}+2m_{101}^{(21)}m_{030}^{(20)}m_{112}^{(00)}+m_{101}^{(21)}m_{030}^{(22)}m_{400}^{(21)}+m_{101}^{(21)}m_{030}^{(22)}m_{310}^{(20)}\\
&-m_{101}^{(21)}m_{030}^{(22)}m_{301}^{(10)}-m_{101}^{(21)}m_{030}^{(22)}m_{211}^{(00)}-2m_{101}^{(21)}m_{021}^{(00)}m_{211}^{(21)}-m_{101}^{(21)}m_{021}^{(00)}m_{202}^{(11)}\\
&-2m_{101}^{(21)}m_{021}^{(00)}m_{121}^{(20)}+2m_{101}^{(21)}m_{021}^{(00)}m_{112}^{(10)}+3m_{101}^{(21)}m_{021}^{(00)}m_{022}^{(00)}+2m_{101}^{(21)}m_{021}^{(10)}m_{301}^{(21)}\\
&+2m_{101}^{(21)}m_{021}^{(10)}m_{211}^{(20)}-2m_{101}^{(21)}m_{021}^{(10)}m_{202}^{(10)}-2m_{101}^{(21)}m_{021}^{(10)}m_{112}^{(00)}+2m_{101}^{(21)}m_{021}^{(20)}m_{310}^{(21)}\\
&+2m_{101}^{(21)}m_{021}^{(20)}m_{301}^{(11)}+2m_{101}^{(21)}m_{021}^{(20)}m_{220}^{(20)}-2m_{101}^{(21)}m_{021}^{(20)}m_{211}^{(10)}-4m_{101}^{(21)}m_{021}^{(20)}m_{121}^{(00)}\\
&-2m_{101}^{(21)}m_{021}^{(21)}m_{400}^{(21)}-2m_{101}^{(21)}m_{021}^{(21)}m_{310}^{(20)}+2m_{101}^{(21)}m_{021}^{(21)}m_{301}^{(10)}+2m_{101}^{(21)}m_{021}^{(21)}m_{211}^{(00)}\\
&-m_{101}^{(21)}m_{021}^{(22)}m_{400}^{(11)}+m_{101}^{(21)}m_{021}^{(22)}m_{220}^{(00)}+m_{101}^{(21)}m_{012}^{(00)}m_{220}^{(21)}+2m_{101}^{(21)}m_{012}^{(00)}m_{211}^{(11)}\\
&+m_{101}^{(21)}m_{012}^{(00)}m_{130}^{(20)}-m_{101}^{(21)}m_{012}^{(00)}m_{121}^{(10)}-3m_{101}^{(21)}m_{012}^{(00)}m_{031}^{(00)}-2m_{101}^{(21)}m_{012}^{(10)}m_{310}^{(21)}\\
&-2m_{101}^{(21)}m_{012}^{(10)}m_{301}^{(11)}-2m_{101}^{(21)}m_{012}^{(10)}m_{220}^{(20)}+2m_{101}^{(21)}m_{012}^{(10)}m_{211}^{(10)}+4m_{101}^{(21)}m_{012}^{(10)}m_{121}^{(00)}\\
&+m_{101}^{(21)}m_{012}^{(11)}m_{400}^{(21)}+m_{101}^{(21)}m_{012}^{(11)}m_{310}^{(20)}-m_{101}^{(21)}m_{012}^{(11)}m_{301}^{(10)}-m_{101}^{(21)}m_{012}^{(11)}m_{211}^{(00)}\\
&-2m_{101}^{(21)}m_{012}^{(20)}m_{310}^{(11)}+2m_{101}^{(21)}m_{012}^{(20)}m_{130}^{(00)}+2m_{101}^{(21)}m_{012}^{(21)}m_{400}^{(11)}-2m_{101}^{(21)}m_{012}^{(21)}m_{220}^{(00)}\\
&-m_{101}^{(21)}m_{003}^{(00)}m_{220}^{(11)}+m_{101}^{(21)}m_{003}^{(00)}m_{040}^{(00)}+2m_{101}^{(21)}m_{003}^{(10)}m_{310}^{(11)}-2m_{101}^{(21)}m_{003}^{(10)}m_{130}^{(00)}\\
&-m_{101}^{(21)}m_{003}^{(11)}m_{400}^{(11)}+m_{101}^{(21)}m_{003}^{(11)}m_{220}^{(00)}-m_{020}^{(00)}m_{300}^{(11)}m_{013}^{(22)}+m_{020}^{(00)}m_{300}^{(11)}m_{004}^{(21)}\\
&+2m_{020}^{(00)}m_{300}^{(21)}m_{022}^{(22)}-2m_{020}^{(00)}m_{300}^{(21)}m_{013}^{(21)}-m_{020}^{(00)}m_{300}^{(22)}m_{031}^{(22)}+m_{020}^{(00)}m_{300}^{(22)}m_{022}^{(21)}\\
&+2m_{020}^{(00)}m_{210}^{(10)}m_{013}^{(22)}-2m_{020}^{(00)}m_{210}^{(10)}m_{004}^{(21)}+m_{020}^{(00)}m_{210}^{(11)}m_{103}^{(22)}-m_{020}^{(00)}m_{210}^{(11)}m_{004}^{(20)}\\
&-2m_{020}^{(00)}m_{210}^{(20)}m_{022}^{(22)}+2m_{020}^{(00)}m_{210}^{(20)}m_{013}^{(21)}-4m_{020}^{(00)}m_{210}^{(21)}m_{112}^{(22)}+2m_{020}^{(00)}m_{210}^{(21)}m_{103}^{(21)}\\
&+2m_{020}^{(00)}m_{210}^{(21)}m_{013}^{(20)}+3m_{020}^{(00)}m_{210}^{(22)}m_{121}^{(22)}-2m_{020}^{(00)}m_{210}^{(22)}m_{112}^{(21)}-m_{020}^{(00)}m_{210}^{(22)}m_{022}^{(20)}\\
&-2m_{020}^{(00)}m_{201}^{(10)}m_{022}^{(22)}+2m_{020}^{(00)}m_{201}^{(10)}m_{013}^{(21)}+2m_{020}^{(00)}m_{201}^{(11)}m_{112}^{(22)}-3m_{020}^{(00)}m_{201}^{(11)}m_{103}^{(21)}\\
&+m_{020}^{(00)}m_{201}^{(11)}m_{013}^{(20)}+2m_{020}^{(00)}m_{201}^{(20)}m_{031}^{(22)}-2m_{020}^{(00)}m_{201}^{(20)}m_{022}^{(21)}-2m_{020}^{(00)}m_{201}^{(21)}m_{121}^{(22)}\\
&+4m_{020}^{(00)}m_{201}^{(21)}m_{112}^{(21)}-2m_{020}^{(00)}m_{201}^{(21)}m_{022}^{(20)}-m_{020}^{(00)}m_{201}^{(22)}m_{121}^{(21)}+m_{020}^{(00)}m_{201}^{(22)}m_{031}^{(20)}\\
&-m_{020}^{(00)}m_{120}^{(00)}m_{013}^{(22)}+m_{020}^{(00)}m_{120}^{(00)}m_{004}^{(21)}-2m_{020}^{(00)}m_{120}^{(10)}m_{103}^{(22)}+2m_{020}^{(00)}m_{120}^{(10)}m_{004}^{(20)}
\end{aligned}
$$

$$
\begin{aligned}
&+4m_{020}^{(00)}m_{120}^{(20)}m_{112}^{(22)} - 2m_{020}^{(00)}m_{120}^{(20)}m_{103}^{(21)} - 2m_{020}^{(00)}m_{120}^{(20)}m_{013}^{(20)} + 2m_{020}^{(00)}m_{120}^{(21)}m_{202}^{(22)}\\
&-2m_{020}^{(00)}m_{120}^{(21)}m_{103}^{(20)} - 3m_{020}^{(00)}m_{120}^{(22)}m_{211}^{(22)} + m_{020}^{(00)}m_{120}^{(22)}m_{202}^{(21)} + 2m_{020}^{(00)}m_{120}^{(22)}m_{112}^{(20)}\\
&+2m_{020}^{(00)}m_{111}^{(00)}m_{022}^{(22)} - 2m_{020}^{(00)}m_{111}^{(00)}m_{013}^{(21)} + 4m_{020}^{(00)}m_{111}^{(10)}m_{103}^{(21)} - 4m_{020}^{(00)}m_{111}^{(10)}m_{013}^{(20)}\\
&-2m_{020}^{(00)}m_{111}^{(11)}m_{202}^{(22)} + 2m_{020}^{(00)}m_{111}^{(11)}m_{103}^{(20)} - 4m_{020}^{(00)}m_{111}^{(20)}m_{121}^{(22)} + 4m_{020}^{(00)}m_{111}^{(20)}m_{022}^{(20)}\\
&+4m_{020}^{(00)}m_{111}^{(21)}m_{211}^{(22)} - 4m_{020}^{(00)}m_{111}^{(21)}m_{202}^{(21)} + 2m_{020}^{(00)}m_{111}^{(22)}m_{211}^{(21)} - 2m_{020}^{(00)}m_{111}^{(22)}m_{121}^{(20)}\\
&-m_{020}^{(00)}m_{102}^{(00)}m_{031}^{(22)} + m_{020}^{(00)}m_{102}^{(00)}m_{022}^{(21)} + 2m_{020}^{(00)}m_{102}^{(10)}m_{121}^{(22)} - 4m_{020}^{(00)}m_{102}^{(10)}m_{112}^{(21)}\\
&+2m_{020}^{(00)}m_{102}^{(10)}m_{022}^{(20)} - m_{020}^{(00)}m_{102}^{(11)}m_{211}^{(22)} + 3m_{020}^{(00)}m_{102}^{(11)}m_{202}^{(21)} - 2m_{020}^{(00)}m_{102}^{(11)}m_{112}^{(20)}\\
&+2m_{020}^{(00)}m_{102}^{(20)}m_{121}^{(21)} - 2m_{020}^{(00)}m_{102}^{(20)}m_{031}^{(20)} - 2m_{020}^{(00)}m_{102}^{(21)}m_{211}^{(21)} + 2m_{020}^{(00)}m_{102}^{(21)}m_{121}^{(20)}\\
&+m_{020}^{(00)}m_{030}^{(00)}m_{103}^{(22)} - m_{020}^{(00)}m_{030}^{(00)}m_{004}^{(20)} - 2m_{020}^{(00)}m_{030}^{(20)}m_{202}^{(22)} + 2m_{020}^{(00)}m_{030}^{(20)}m_{103}^{(20)}\\
&+m_{020}^{(00)}m_{030}^{(22)}m_{301}^{(22)} - m_{020}^{(00)}m_{030}^{(22)}m_{202}^{(20)} - 2m_{020}^{(00)}m_{021}^{(00)}m_{112}^{(22)} - m_{020}^{(00)}m_{021}^{(00)}m_{103}^{(21)}\\
&+3m_{020}^{(00)}m_{021}^{(00)}m_{013}^{(20)} + 2m_{020}^{(00)}m_{021}^{(10)}m_{202}^{(22)} - 2m_{020}^{(00)}m_{021}^{(10)}m_{103}^{(20)} + 2m_{020}^{(00)}m_{021}^{(20)}m_{211}^{(22)}\\
&+2m_{020}^{(00)}m_{021}^{(20)}m_{202}^{(21)} - 4m_{020}^{(00)}m_{021}^{(20)}m_{112}^{(20)} - 2m_{020}^{(00)}m_{021}^{(21)}m_{301}^{(22)} + 2m_{020}^{(00)}m_{021}^{(21)}m_{202}^{(20)}\\
&-m_{020}^{(00)}m_{021}^{(22)}m_{301}^{(21)} + m_{020}^{(00)}m_{021}^{(22)}m_{211}^{(20)} + m_{020}^{(00)}m_{012}^{(00)}m_{121}^{(22)} + 2m_{020}^{(00)}m_{012}^{(00)}m_{112}^{(21)}\\
&-3m_{020}^{(00)}m_{012}^{(00)}m_{022}^{(20)} - 2m_{020}^{(00)}m_{012}^{(10)}m_{211}^{(22)} - 2m_{020}^{(00)}m_{012}^{(10)}m_{202}^{(21)} + 4m_{020}^{(00)}m_{012}^{(10)}m_{112}^{(20)}\\
&+m_{020}^{(00)}m_{012}^{(11)}m_{301}^{(22)} - m_{020}^{(00)}m_{012}^{(11)}m_{202}^{(20)} - 2m_{020}^{(00)}m_{012}^{(20)}m_{211}^{(21)} + 2m_{020}^{(00)}m_{012}^{(20)}m_{121}^{(20)}\\
&+2m_{020}^{(00)}m_{012}^{(21)}m_{301}^{(21)} - 2m_{020}^{(00)}m_{012}^{(21)}m_{211}^{(20)} - m_{020}^{(00)}m_{003}^{(00)}m_{121}^{(21)} + m_{020}^{(00)}m_{003}^{(00)}m_{031}^{(20)}\\
&+2m_{020}^{(00)}m_{003}^{(10)}m_{211}^{(21)} - 2m_{020}^{(00)}m_{003}^{(10)}m_{121}^{(20)} - m_{020}^{(00)}m_{003}^{(11)}m_{301}^{(21)} + m_{020}^{(00)}m_{003}^{(11)}m_{211}^{(20)}\\
&+m_{020}^{(20)}m_{300}^{(11)}m_{112}^{(22)} - m_{020}^{(20)}m_{300}^{(11)}m_{103}^{(21)} + m_{020}^{(20)}m_{300}^{(11)}m_{013}^{(20)} - m_{020}^{(20)}m_{300}^{(11)}m_{004}^{(10)}\\
&-2m_{020}^{(20)}m_{300}^{(21)}m_{121}^{(22)} + 2m_{020}^{(20)}m_{300}^{(21)}m_{112}^{(21)} - 2m_{020}^{(20)}m_{300}^{(21)}m_{022}^{(20)} + 2m_{020}^{(20)}m_{300}^{(21)}m_{013}^{(10)}\\
&+m_{020}^{(20)}m_{300}^{(22)}m_{130}^{(22)} - m_{020}^{(20)}m_{300}^{(22)}m_{121}^{(21)} + m_{020}^{(20)}m_{300}^{(22)}m_{031}^{(20)} - m_{020}^{(20)}m_{300}^{(22)}m_{022}^{(10)}\\
&-2m_{020}^{(20)}m_{210}^{(10)}m_{112}^{(22)} + 2m_{020}^{(20)}m_{210}^{(10)}m_{103}^{(21)} - 2m_{020}^{(20)}m_{210}^{(10)}m_{013}^{(20)} + 2m_{020}^{(20)}m_{210}^{(10)}m_{004}^{(10)}\\
&-m_{020}^{(20)}m_{210}^{(11)}m_{202}^{(22)} + m_{020}^{(20)}m_{210}^{(11)}m_{004}^{(00)} + 2m_{020}^{(20)}m_{210}^{(20)}m_{121}^{(22)} - 2m_{020}^{(20)}m_{210}^{(20)}m_{112}^{(21)}\\
&+2m_{020}^{(20)}m_{210}^{(20)}m_{022}^{(20)} - 2m_{020}^{(20)}m_{210}^{(20)}m_{013}^{(10)} + 4m_{020}^{(20)}m_{210}^{(21)}m_{211}^{(22)} - 2m_{020}^{(20)}m_{210}^{(21)}m_{202}^{(21)}\\
&+2m_{020}^{(20)}m_{210}^{(21)}m_{112}^{(20)} - 2m_{020}^{(20)}m_{210}^{(21)}m_{103}^{(10)} - 2m_{020}^{(20)}m_{210}^{(21)}m_{013}^{(00)} - 3m_{020}^{(20)}m_{210}^{(22)}m_{220}^{(22)}\\
&+2m_{020}^{(20)}m_{210}^{(22)}m_{211}^{(21)} - 2m_{020}^{(20)}m_{210}^{(22)}m_{121}^{(20)} + 2m_{020}^{(20)}m_{210}^{(22)}m_{112}^{(10)} + m_{020}^{(20)}m_{210}^{(22)}m_{022}^{(00)}\\
&+2m_{020}^{(20)}m_{201}^{(10)}m_{121}^{(22)} - 2m_{020}^{(20)}m_{201}^{(10)}m_{112}^{(21)} + 2m_{020}^{(20)}m_{201}^{(10)}m_{022}^{(20)} - 2m_{020}^{(20)}m_{201}^{(10)}m_{013}^{(10)}\\
&-2m_{020}^{(20)}m_{201}^{(11)}m_{211}^{(22)} + 3m_{020}^{(20)}m_{201}^{(11)}m_{202}^{(21)} - 3m_{020}^{(20)}m_{201}^{(11)}m_{112}^{(20)} + 3m_{020}^{(20)}m_{201}^{(11)}m_{103}^{(10)}\\
&-m_{020}^{(20)}m_{201}^{(11)}m_{013}^{(00)} - 2m_{020}^{(20)}m_{201}^{(20)}m_{130}^{(22)} + 2m_{020}^{(20)}m_{201}^{(20)}m_{121}^{(21)} - 2m_{020}^{(20)}m_{201}^{(20)}m_{031}^{(20)}\\
&+2m_{020}^{(20)}m_{201}^{(20)}m_{022}^{(10)} + 2m_{020}^{(20)}m_{201}^{(21)}m_{220}^{(22)} - 4m_{020}^{(20)}m_{201}^{(21)}m_{211}^{(21)} + 4m_{020}^{(20)}m_{201}^{(21)}m_{121}^{(20)}\\
&-4m_{020}^{(20)}m_{201}^{(21)}m_{112}^{(10)} + 2m_{020}^{(20)}m_{201}^{(21)}m_{022}^{(00)} + m_{020}^{(20)}m_{201}^{(22)}m_{220}^{(21)} - m_{020}^{(20)}m_{201}^{(22)}m_{130}^{(20)}\\
&+m_{020}^{(20)}m_{201}^{(22)}m_{121}^{(10)} - m_{020}^{(20)}m_{201}^{(22)}m_{031}^{(00)} + m_{020}^{(20)}m_{120}^{(00)}m_{112}^{(22)} - m_{020}^{(20)}m_{120}^{(00)}m_{103}^{(21)}\\
&+m_{020}^{(20)}m_{120}^{(00)}m_{013}^{(20)} - m_{020}^{(20)}m_{120}^{(00)}m_{004}^{(10)} + 2m_{020}^{(20)}m_{120}^{(10)}m_{202}^{(22)} - 2m_{020}^{(20)}m_{120}^{(10)}m_{004}^{(00)}\\
&-4m_{020}^{(20)}m_{120}^{(20)}m_{211}^{(22)} + 2m_{020}^{(20)}m_{120}^{(20)}m_{202}^{(21)} - 2m_{020}^{(20)}m_{120}^{(20)}m_{112}^{(20)} + 2m_{020}^{(20)}m_{120}^{(20)}m_{103}^{(10)}\\
&+2m_{020}^{(20)}m_{120}^{(20)}m_{013}^{(00)} - 2m_{020}^{(20)}m_{120}^{(21)}m_{301}^{(22)} + 2m_{020}^{(20)}m_{120}^{(21)}m_{103}^{(00)} + 3m_{020}^{(20)}m_{120}^{(22)}m_{310}^{(22)}\\
&-m_{020}^{(20)}m_{120}^{(22)}m_{301}^{(21)} + m_{020}^{(20)}m_{120}^{(22)}m_{211}^{(20)} - m_{020}^{(20)}m_{120}^{(22)}m_{202}^{(10)} - 2m_{020}^{(20)}m_{120}^{(22)}m_{112}^{(00)}\\
&-2m_{020}^{(20)}m_{111}^{(00)}m_{121}^{(22)} + 2m_{020}^{(20)}m_{111}^{(00)}m_{112}^{(21)} - 2m_{020}^{(20)}m_{111}^{(00)}m_{022}^{(20)} + 2m_{020}^{(20)}m_{111}^{(00)}m_{013}^{(10)}\\
&-4m_{020}^{(20)}m_{111}^{(10)}m_{202}^{(21)} + 4m_{020}^{(20)}m_{111}^{(10)}m_{112}^{(20)} - 4m_{020}^{(20)}m_{111}^{(10)}m_{103}^{(10)} + 4m_{020}^{(20)}m_{111}^{(10)}m_{013}^{(00)}\\
&+2m_{020}^{(20)}m_{111}^{(11)}m_{301}^{(22)} - 2m_{020}^{(20)}m_{111}^{(11)}m_{103}^{(00)} + 4m_{020}^{(20)}m_{111}^{(20)}m_{220}^{(22)} - 4m_{020}^{(20)}m_{111}^{(20)}m_{022}^{(00)}
\end{aligned}
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\begin{aligned}
&-4m_{020}^{(20)}m_{111}^{(21)}m_{310}^{(22)} + 4m_{020}^{(20)}m_{111}^{(21)}m_{301}^{(21)} - 4m_{020}^{(20)}m_{111}^{(21)}m_{211}^{(20)} + 4m_{020}^{(20)}m_{111}^{(21)}m_{202}^{(10)} \\
&-2m_{020}^{(20)}m_{111}^{(22)}m_{310}^{(21)} + 2m_{020}^{(20)}m_{111}^{(22)}m_{220}^{(20)} - 2m_{020}^{(20)}m_{111}^{(22)}m_{211}^{(10)} + 2m_{020}^{(20)}m_{111}^{(22)}m_{121}^{(00)} \\
&+m_{020}^{(20)}m_{102}^{(00)}m_{130}^{(22)} - m_{020}^{(20)}m_{102}^{(00)}m_{121}^{(21)} + m_{020}^{(20)}m_{102}^{(00)}m_{031}^{(20)} - m_{020}^{(20)}m_{102}^{(00)}m_{022}^{(10)} \\
&-2m_{020}^{(20)}m_{102}^{(10)}m_{220}^{(22)} + 4m_{020}^{(20)}m_{102}^{(10)}m_{211}^{(21)} - 4m_{020}^{(20)}m_{102}^{(10)}m_{121}^{(20)} + 4m_{020}^{(20)}m_{102}^{(10)}m_{112}^{(10)} \\
&-2m_{020}^{(20)}m_{102}^{(10)}m_{022}^{(00)} + m_{020}^{(20)}m_{102}^{(11)}m_{310}^{(22)} - 3m_{020}^{(20)}m_{102}^{(11)}m_{301}^{(21)} + 3m_{020}^{(20)}m_{102}^{(11)}m_{211}^{(20)} \\
&-3m_{020}^{(20)}m_{102}^{(11)}m_{202}^{(10)} + 2m_{020}^{(20)}m_{102}^{(11)}m_{112}^{(00)} - 2m_{020}^{(20)}m_{102}^{(20)}m_{220}^{(21)} + 2m_{020}^{(20)}m_{102}^{(20)}m_{130}^{(20)} \\
&-2m_{020}^{(20)}m_{102}^{(20)}m_{121}^{(10)} + 2m_{020}^{(20)}m_{102}^{(20)}m_{031}^{(00)} + 2m_{020}^{(20)}m_{102}^{(21)}m_{310}^{(21)} - 2m_{020}^{(20)}m_{102}^{(21)}m_{220}^{(20)} \\
&+2m_{020}^{(20)}m_{102}^{(21)}m_{211}^{(10)} - 2m_{020}^{(20)}m_{102}^{(21)}m_{121}^{(00)} - m_{020}^{(20)}m_{030}^{(00)}m_{202}^{(22)} + m_{020}^{(20)}m_{030}^{(00)}m_{004}^{(00)} \\
&+2m_{020}^{(20)}m_{030}^{(20)}m_{301}^{(22)} - 2m_{020}^{(20)}m_{030}^{(20)}m_{103}^{(00)} - m_{020}^{(20)}m_{030}^{(22)}m_{400}^{(22)} + m_{020}^{(20)}m_{030}^{(22)}m_{202}^{(00)} \\
&+2m_{020}^{(20)}m_{021}^{(00)}m_{211}^{(22)} + m_{020}^{(20)}m_{021}^{(00)}m_{202}^{(21)} - m_{020}^{(20)}m_{021}^{(00)}m_{112}^{(20)} + m_{020}^{(20)}m_{021}^{(00)}m_{103}^{(10)} \\
&-3m_{020}^{(20)}m_{021}^{(00)}m_{013}^{(00)} - 2m_{020}^{(20)}m_{021}^{(10)}m_{301}^{(22)} + 2m_{020}^{(20)}m_{021}^{(10)}m_{103}^{(00)} - 2m_{020}^{(20)}m_{021}^{(20)}m_{310}^{(22)} \\
&-2m_{020}^{(20)}m_{021}^{(20)}m_{301}^{(21)} + 2m_{020}^{(20)}m_{021}^{(20)}m_{211}^{(20)} - 2m_{020}^{(20)}m_{021}^{(20)}m_{202}^{(10)} + 4m_{020}^{(20)}m_{021}^{(20)}m_{112}^{(00)} \\
&+2m_{020}^{(20)}m_{021}^{(21)}m_{400}^{(22)} - 2m_{020}^{(20)}m_{021}^{(21)}m_{202}^{(00)} + m_{020}^{(20)}m_{021}^{(22)}m_{400}^{(21)} - m_{020}^{(20)}m_{021}^{(22)}m_{310}^{(20)} \\
&+m_{020}^{(20)}m_{021}^{(22)}m_{301}^{(10)} - m_{020}^{(20)}m_{021}^{(22)}m_{211}^{(00)} - m_{020}^{(20)}m_{012}^{(00)}m_{220}^{(22)} - 2m_{020}^{(20)}m_{012}^{(00)}m_{211}^{(21)} \\
&+2m_{020}^{(20)}m_{012}^{(00)}m_{121}^{(20)} - 2m_{020}^{(20)}m_{012}^{(00)}m_{112}^{(10)} + 3m_{020}^{(20)}m_{012}^{(00)}m_{022}^{(00)} + 2m_{020}^{(20)}m_{012}^{(10)}m_{310}^{(22)} \\
&+2m_{020}^{(20)}m_{012}^{(10)}m_{301}^{(21)} - 2m_{020}^{(20)}m_{012}^{(10)}m_{211}^{(20)} + 2m_{020}^{(20)}m_{012}^{(10)}m_{202}^{(10)} - 4m_{020}^{(20)}m_{012}^{(10)}m_{112}^{(00)} \\
&-m_{020}^{(20)}m_{012}^{(11)}m_{400}^{(22)} + m_{020}^{(20)}m_{012}^{(11)}m_{202}^{(00)} + 2m_{020}^{(20)}m_{012}^{(20)}m_{310}^{(21)} - 2m_{020}^{(20)}m_{012}^{(20)}m_{220}^{(20)} \\
&+2m_{020}^{(20)}m_{012}^{(20)}m_{211}^{(10)} - 2m_{020}^{(20)}m_{012}^{(20)}m_{121}^{(00)} - 2m_{020}^{(20)}m_{012}^{(21)}m_{400}^{(21)} + 2m_{020}^{(20)}m_{012}^{(21)}m_{310}^{(20)} \\
&-2m_{020}^{(20)}m_{012}^{(21)}m_{301}^{(10)} + 2m_{020}^{(20)}m_{012}^{(21)}m_{211}^{(00)} + m_{020}^{(20)}m_{003}^{(00)}m_{220}^{(21)} - m_{020}^{(20)}m_{003}^{(00)}m_{130}^{(20)} \\
&+m_{020}^{(20)}m_{003}^{(00)}m_{121}^{(10)} - m_{020}^{(20)}m_{003}^{(00)}m_{031}^{(00)} - 2m_{020}^{(20)}m_{003}^{(10)}m_{310}^{(21)} + 2m_{020}^{(20)}m_{003}^{(10)}m_{220}^{(20)} \\
&-2m_{020}^{(20)}m_{003}^{(10)}m_{211}^{(10)} + 2m_{020}^{(20)}m_{003}^{(10)}m_{121}^{(00)} + m_{020}^{(20)}m_{003}^{(11)}m_{400}^{(21)} - m_{020}^{(20)}m_{003}^{(11)}m_{310}^{(20)} \\
&+m_{020}^{(20)}m_{003}^{(11)}m_{301}^{(10)} - m_{020}^{(20)}m_{003}^{(11)}m_{211}^{(00)} - m_{020}^{(22)}m_{300}^{(11)}m_{112}^{(20)} + m_{020}^{(22)}m_{300}^{(11)}m_{103}^{(10)} \\
&+2m_{020}^{(22)}m_{300}^{(21)}m_{121}^{(20)} - 2m_{020}^{(22)}m_{300}^{(21)}m_{112}^{(10)} - m_{020}^{(22)}m_{300}^{(22)}m_{130}^{(20)} + m_{020}^{(22)}m_{300}^{(22)}m_{121}^{(10)} \\
&+2m_{020}^{(22)}m_{210}^{(10)}m_{112}^{(20)} - 2m_{020}^{(22)}m_{210}^{(10)}m_{103}^{(10)} + m_{020}^{(22)}m_{210}^{(11)}m_{202}^{(20)} - m_{020}^{(22)}m_{210}^{(11)}m_{103}^{(00)} \\
&-2m_{020}^{(22)}m_{210}^{(20)}m_{121}^{(20)} + 2m_{020}^{(22)}m_{210}^{(20)}m_{112}^{(10)} - 4m_{020}^{(22)}m_{210}^{(21)}m_{211}^{(20)} + 2m_{020}^{(22)}m_{210}^{(21)}m_{202}^{(10)} \\
&+2m_{020}^{(22)}m_{210}^{(21)}m_{112}^{(00)} + 3m_{020}^{(22)}m_{210}^{(22)}m_{220}^{(20)} - 2m_{020}^{(22)}m_{210}^{(22)}m_{211}^{(10)} - m_{020}^{(22)}m_{210}^{(22)}m_{121}^{(00)} \\
&-2m_{020}^{(22)}m_{201}^{(10)}m_{121}^{(20)} + 2m_{020}^{(22)}m_{201}^{(10)}m_{112}^{(10)} + 2m_{020}^{(22)}m_{201}^{(11)}m_{211}^{(20)} - 3m_{020}^{(22)}m_{201}^{(11)}m_{202}^{(10)} \\
&+m_{020}^{(22)}m_{201}^{(11)}m_{112}^{(00)} + 2m_{020}^{(22)}m_{201}^{(20)}m_{130}^{(20)} - 2m_{020}^{(22)}m_{201}^{(20)}m_{121}^{(10)} - 2m_{020}^{(22)}m_{201}^{(21)}m_{220}^{(20)} \\
&+4m_{020}^{(22)}m_{201}^{(21)}m_{211}^{(10)} - 2m_{020}^{(22)}m_{201}^{(21)}m_{121}^{(00)} - m_{020}^{(22)}m_{201}^{(22)}m_{220}^{(10)} + m_{020}^{(22)}m_{201}^{(22)}m_{130}^{(00)} \\
&-m_{020}^{(22)}m_{120}^{(00)}m_{112}^{(20)} + m_{020}^{(22)}m_{120}^{(00)}m_{103}^{(10)} - 2m_{020}^{(22)}m_{120}^{(10)}m_{202}^{(20)} + 2m_{020}^{(22)}m_{120}^{(10)}m_{103}^{(00)} \\
&+4m_{020}^{(22)}m_{120}^{(20)}m_{211}^{(20)} - 2m_{020}^{(22)}m_{120}^{(20)}m_{202}^{(10)} - 2m_{020}^{(22)}m_{120}^{(20)}m_{112}^{(00)} + 2m_{020}^{(22)}m_{120}^{(21)}m_{301}^{(20)} \\
&-2m_{020}^{(22)}m_{120}^{(21)}m_{202}^{(00)} - 3m_{020}^{(22)}m_{120}^{(22)}m_{310}^{(20)} + m_{020}^{(22)}m_{120}^{(22)}m_{301}^{(10)} + 2m_{020}^{(22)}m_{120}^{(22)}m_{211}^{(00)} \\
&+2m_{020}^{(22)}m_{111}^{(00)}m_{121}^{(20)} - 2m_{020}^{(22)}m_{111}^{(00)}m_{112}^{(10)} + 4m_{020}^{(22)}m_{111}^{(10)}m_{202}^{(10)} - 4m_{020}^{(22)}m_{111}^{(10)}m_{112}^{(00)} \\
&-2m_{020}^{(22)}m_{111}^{(11)}m_{301}^{(20)} + 2m_{020}^{(22)}m_{111}^{(11)}m_{202}^{(00)} - 4m_{020}^{(22)}m_{111}^{(20)}m_{220}^{(20)} + 4m_{020}^{(22)}m_{111}^{(20)}m_{121}^{(00)} \\
&+4m_{020}^{(22)}m_{111}^{(21)}m_{310}^{(20)} - 4m_{020}^{(22)}m_{111}^{(21)}m_{301}^{(10)} + 2m_{020}^{(22)}m_{111}^{(22)}m_{310}^{(10)} - 2m_{020}^{(22)}m_{111}^{(22)}m_{220}^{(00)} \\
&-m_{020}^{(22)}m_{102}^{(00)}m_{130}^{(20)} + m_{020}^{(22)}m_{102}^{(00)}m_{121}^{(10)} + 2m_{020}^{(22)}m_{102}^{(10)}m_{220}^{(20)} - 4m_{020}^{(22)}m_{102}^{(10)}m_{211}^{(10)} \\
&+2m_{020}^{(22)}m_{102}^{(10)}m_{121}^{(00)} - m_{020}^{(22)}m_{102}^{(11)}m_{310}^{(20)} + 3m_{020}^{(22)}m_{102}^{(11)}m_{301}^{(10)} - 2m_{020}^{(22)}m_{102}^{(11)}m_{211}^{(00)} \\
&+2m_{020}^{(22)}m_{102}^{(20)}m_{102}^{(10)} - 2m_{020}^{(22)}m_{102}^{(20)}m_{102}^{(00)} - 2m_{020}^{(22)}m_{102}^{(21)}m_{102}^{(10)} + 2m_{020}^{(22)}m_{102}^{(21)}m_{102}^{(00)}
\end{aligned}
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$$+m_{020}^{(22)}m_{030}^{(00)}m_{202}^{(20)} - m_{020}^{(22)}m_{030}^{(00)}m_{103}^{(00)} - 2m_{020}^{(22)}m_{030}^{(20)}m_{301}^{(20)} + 2m_{020}^{(22)}m_{030}^{(20)}m_{202}^{(00)}$$
$$+m_{020}^{(22)}m_{030}^{(22)}m_{400}^{(20)} - m_{020}^{(22)}m_{030}^{(22)}m_{301}^{(00)} - 2m_{020}^{(22)}m_{021}^{(00)}m_{211}^{(20)} - m_{020}^{(22)}m_{021}^{(00)}m_{202}^{(10)}$$
$$+3m_{020}^{(22)}m_{021}^{(00)}m_{112}^{(00)} + 2m_{020}^{(22)}m_{021}^{(10)}m_{301}^{(20)} - 2m_{020}^{(22)}m_{021}^{(10)}m_{202}^{(00)} + 2m_{020}^{(22)}m_{021}^{(20)}m_{310}^{(20)}$$
$$+2m_{020}^{(22)}m_{021}^{(20)}m_{301}^{(10)} - 4m_{020}^{(22)}m_{021}^{(20)}m_{211}^{(00)} - 2m_{020}^{(22)}m_{021}^{(21)}m_{400}^{(20)} + 2m_{020}^{(22)}m_{021}^{(21)}m_{301}^{(00)}$$
$$-m_{020}^{(22)}m_{021}^{(22)}m_{400}^{(10)} + m_{020}^{(22)}m_{021}^{(22)}m_{310}^{(00)} + m_{020}^{(22)}m_{012}^{(00)}m_{220}^{(20)} + 2m_{020}^{(22)}m_{012}^{(00)}m_{211}^{(10)}$$
$$-3m_{020}^{(22)}m_{012}^{(00)}m_{121}^{(00)} - 2m_{020}^{(22)}m_{012}^{(10)}m_{310}^{(20)} - 2m_{020}^{(22)}m_{012}^{(10)}m_{301}^{(10)} + 4m_{020}^{(22)}m_{012}^{(10)}m_{211}^{(00)}$$
$$+m_{020}^{(22)}m_{012}^{(11)}m_{400}^{(20)} - m_{020}^{(22)}m_{012}^{(11)}m_{301}^{(00)} - 2m_{020}^{(22)}m_{012}^{(20)}m_{310}^{(10)} + 2m_{020}^{(22)}m_{012}^{(20)}m_{220}^{(00)}$$
$$+2m_{020}^{(22)}m_{012}^{(21)}m_{400}^{(10)} - 2m_{020}^{(22)}m_{012}^{(21)}m_{310}^{(00)} - m_{020}^{(22)}m_{003}^{(00)}m_{220}^{(10)} + m_{020}^{(22)}m_{003}^{(00)}m_{130}^{(00)}$$
$$+2m_{020}^{(22)}m_{003}^{(10)}m_{310}^{(10)} - 2m_{020}^{(22)}m_{003}^{(10)}m_{220}^{(00)} - m_{020}^{(22)}m_{003}^{(11)}m_{400}^{(10)} + m_{020}^{(22)}m_{003}^{(11)}m_{310}^{(00)}$$
$$+m_{011}^{(00)}m_{300}^{(11)}m_{022}^{(20)} - m_{011}^{(00)}m_{300}^{(11)}m_{004}^{(11)} - 2m_{011}^{(00)}m_{300}^{(21)}m_{031}^{(22)} + 2m_{011}^{(00)}m_{300}^{(21)}m_{013}^{(11)}$$
$$+m_{011}^{(00)}m_{300}^{(22)}m_{040}^{(22)} - m_{011}^{(00)}m_{300}^{(22)}m_{022}^{(11)} - 2m_{011}^{(00)}m_{210}^{(10)}m_{022}^{(22)} + 2m_{011}^{(00)}m_{210}^{(10)}m_{004}^{(11)}$$
$$-m_{011}^{(00)}m_{210}^{(11)}m_{112}^{(22)} - m_{011}^{(00)}m_{210}^{(11)}m_{103}^{(21)} + m_{011}^{(00)}m_{210}^{(11)}m_{013}^{(20)} + m_{011}^{(00)}m_{210}^{(11)}m_{004}^{(10)}$$
$$+2m_{011}^{(00)}m_{210}^{(20)}m_{031}^{(22)} - 2m_{011}^{(00)}m_{210}^{(20)}m_{013}^{(11)} + 4m_{011}^{(00)}m_{210}^{(21)}m_{121}^{(22)} + 2m_{011}^{(00)}m_{210}^{(21)}m_{112}^{(21)}$$
$$-2m_{011}^{(00)}m_{210}^{(21)}m_{103}^{(11)} - 2m_{011}^{(00)}m_{210}^{(21)}m_{022}^{(20)} - 2m_{011}^{(00)}m_{210}^{(21)}m_{013}^{(10)} - 3m_{011}^{(00)}m_{210}^{(22)}m_{130}^{(22)}$$
$$-m_{011}^{(00)}m_{210}^{(22)}m_{121}^{(21)} + 2m_{011}^{(00)}m_{210}^{(22)}m_{112}^{(11)} + m_{011}^{(00)}m_{210}^{(22)}m_{031}^{(20)} + m_{011}^{(00)}m_{210}^{(22)}m_{022}^{(10)}$$
$$+2m_{011}^{(00)}m_{201}^{(10)}m_{031}^{(22)} - 2m_{011}^{(00)}m_{201}^{(10)}m_{013}^{(11)} - 2m_{011}^{(00)}m_{201}^{(11)}m_{121}^{(22)} + m_{011}^{(00)}m_{201}^{(11)}m_{112}^{(21)}$$
$$+3m_{011}^{(00)}m_{201}^{(11)}m_{103}^{(11)} - m_{011}^{(00)}m_{201}^{(11)}m_{022}^{(20)} - m_{011}^{(00)}m_{201}^{(11)}m_{013}^{(10)} - 2m_{011}^{(00)}m_{201}^{(20)}m_{040}^{(22)}$$
$$+2m_{011}^{(00)}m_{201}^{(20)}m_{022}^{(11)} + 2m_{011}^{(00)}m_{201}^{(21)}m_{130}^{(22)} - 2m_{011}^{(00)}m_{201}^{(21)}m_{121}^{(21)} - 4m_{011}^{(00)}m_{201}^{(21)}m_{112}^{(11)}$$
$$+2m_{011}^{(00)}m_{201}^{(21)}m_{031}^{(20)} + 2m_{011}^{(00)}m_{201}^{(21)}m_{022}^{(10)} + m_{011}^{(00)}m_{201}^{(22)}m_{130}^{(21)} + m_{011}^{(00)}m_{201}^{(22)}m_{121}^{(11)}$$
$$-m_{011}^{(00)}m_{201}^{(22)}m_{040}^{(20)} - m_{011}^{(00)}m_{201}^{(22)}m_{031}^{(10)} + m_{011}^{(00)}m_{120}^{(00)}m_{022}^{(22)} - m_{011}^{(00)}m_{120}^{(00)}m_{004}^{(11)}$$
$$+2m_{011}^{(00)}m_{120}^{(10)}m_{112}^{(22)} + 2m_{011}^{(00)}m_{120}^{(10)}m_{103}^{(21)} - 2m_{011}^{(00)}m_{120}^{(10)}m_{013}^{(20)} - 2m_{011}^{(00)}m_{120}^{(10)}m_{004}^{(10)}$$
$$-4m_{011}^{(00)}m_{120}^{(20)}m_{121}^{(22)} - 2m_{011}^{(00)}m_{120}^{(20)}m_{112}^{(21)} + 2m_{011}^{(00)}m_{120}^{(20)}m_{103}^{(11)} + 2m_{011}^{(00)}m_{120}^{(20)}m_{022}^{(20)}$$
$$+2m_{011}^{(00)}m_{120}^{(20)}m_{013}^{(10)} - 2m_{011}^{(00)}m_{120}^{(21)}m_{211}^{(22)} - 2m_{011}^{(00)}m_{120}^{(21)}m_{202}^{(21)} + 2m_{011}^{(00)}m_{120}^{(21)}m_{112}^{(20)}$$
$$+2m_{011}^{(00)}m_{120}^{(21)}m_{103}^{(10)} + 3m_{011}^{(00)}m_{120}^{(22)}m_{220}^{(22)} + 2m_{011}^{(00)}m_{120}^{(22)}m_{211}^{(21)} - m_{011}^{(00)}m_{120}^{(22)}m_{202}^{(11)}$$
$$-2m_{011}^{(00)}m_{120}^{(22)}m_{121}^{(20)} - 2m_{011}^{(00)}m_{120}^{(22)}m_{112}^{(10)} - 2m_{011}^{(00)}m_{111}^{(00)}m_{031}^{(22)} + 2m_{011}^{(00)}m_{111}^{(00)}m_{013}^{(11)}$$
$$-4m_{011}^{(00)}m_{111}^{(10)}m_{112}^{(21)} - 4m_{011}^{(00)}m_{111}^{(10)}m_{103}^{(11)} + 4m_{011}^{(00)}m_{111}^{(10)}m_{022}^{(20)} + 4m_{011}^{(00)}m_{111}^{(10)}m_{013}^{(10)}$$
$$+2m_{011}^{(00)}m_{111}^{(11)}m_{211}^{(22)} + 2m_{011}^{(00)}m_{111}^{(11)}m_{202}^{(21)} - 2m_{011}^{(00)}m_{111}^{(11)}m_{112}^{(20)} - 2m_{011}^{(00)}m_{111}^{(11)}m_{103}^{(10)}$$
$$+4m_{011}^{(00)}m_{111}^{(20)}m_{130}^{(22)} + 4m_{011}^{(00)}m_{111}^{(20)}m_{121}^{(21)} - 4m_{011}^{(00)}m_{111}^{(20)}m_{031}^{(20)} - 4m_{011}^{(00)}m_{111}^{(20)}m_{022}^{(10)}$$
$$-4m_{011}^{(00)}m_{111}^{(21)}m_{220}^{(22)} + 4m_{011}^{(00)}m_{111}^{(21)}m_{202}^{(11)} - 2m_{011}^{(00)}m_{111}^{(22)}m_{220}^{(21)} - 2m_{011}^{(00)}m_{111}^{(22)}m_{211}^{(11)}$$
$$+2m_{011}^{(00)}m_{111}^{(22)}m_{130}^{(20)} + 2m_{011}^{(00)}m_{111}^{(22)}m_{121}^{(10)} + m_{011}^{(00)}m_{102}^{(00)}m_{040}^{(22)} - m_{011}^{(00)}m_{102}^{(00)}m_{022}^{(11)}$$
$$-2m_{011}^{(00)}m_{102}^{(10)}m_{130}^{(22)} + 2m_{011}^{(00)}m_{102}^{(10)}m_{121}^{(21)} + 4m_{011}^{(00)}m_{102}^{(10)}m_{112}^{(11)} - 2m_{011}^{(00)}m_{102}^{(10)}m_{031}^{(20)}$$
$$-2m_{011}^{(00)}m_{102}^{(10)}m_{022}^{(10)} + m_{011}^{(00)}m_{102}^{(11)}m_{220}^{(22)} - 2m_{011}^{(00)}m_{102}^{(11)}m_{211}^{(21)} - 3m_{011}^{(00)}m_{102}^{(11)}m_{202}^{(11)}$$
$$+2m_{011}^{(00)}m_{102}^{(11)}m_{121}^{(20)} + 2m_{011}^{(00)}m_{102}^{(11)}m_{112}^{(10)} - 2m_{011}^{(00)}m_{102}^{(20)}m_{130}^{(21)} - 2m_{011}^{(00)}m_{102}^{(20)}m_{121}^{(11)}$$
$$+2m_{011}^{(00)}m_{102}^{(20)}m_{040}^{(20)} + 2m_{011}^{(00)}m_{102}^{(20)}m_{031}^{(10)} + 2m_{011}^{(00)}m_{102}^{(21)}m_{220}^{(21)} + 2m_{011}^{(00)}m_{102}^{(21)}m_{211}^{(11)}$$
$$-2m_{011}^{(00)}m_{102}^{(21)}m_{130}^{(20)} - 2m_{011}^{(00)}m_{102}^{(21)}m_{121}^{(10)} - m_{011}^{(00)}m_{030}^{(00)}m_{112}^{(22)} - m_{011}^{(00)}m_{030}^{(00)}m_{103}^{(21)}$$
$$+m_{011}^{(00)}m_{030}^{(00)}m_{013}^{(20)} + m_{011}^{(00)}m_{030}^{(00)}m_{004}^{(10)} + 2m_{011}^{(00)}m_{030}^{(20)}m_{211}^{(22)} + 2m_{011}^{(00)}m_{030}^{(20)}m_{202}^{(21)}$$
$$-2m_{011}^{(00)}m_{030}^{(20)}m_{112}^{(20)} - 2m_{011}^{(00)}m_{030}^{(20)}m_{103}^{(10)} - m_{011}^{(00)}m_{030}^{(22)}m_{310}^{(22)} - m_{011}^{(00)}m_{030}^{(22)}m_{301}^{(21)}$$
$$+m_{011}^{(00)}m_{030}^{(22)}m_{211}^{(20)} + m_{011}^{(00)}m_{030}^{(22)}m_{202}^{(10)} + 2m_{011}^{(00)}m_{021}^{(00)}m_{121}^{(22)} + 3m_{011}^{(00)}m_{021}^{(00)}m_{112}^{(21)}$$

$$+m_{011}^{(00)}m_{021}^{(00)}m_{103}^{(11)}-3m_{011}^{(00)}m_{021}^{(00)}m_{022}^{(20)}-3m_{011}^{(00)}m_{021}^{(00)}m_{013}^{(10)}-2m_{011}^{(00)}m_{021}^{(10)}m_{211}^{(22)}$$
$$-2m_{011}^{(00)}m_{021}^{(10)}m_{202}^{(21)}+2m_{011}^{(00)}m_{021}^{(10)}m_{112}^{(20)}+2m_{011}^{(00)}m_{021}^{(10)}m_{103}^{(10)}-2m_{011}^{(00)}m_{021}^{(20)}m_{220}^{(22)}$$
$$-4m_{011}^{(00)}m_{021}^{(20)}m_{211}^{(21)}-2m_{011}^{(00)}m_{021}^{(20)}m_{202}^{(11)}+4m_{011}^{(00)}m_{021}^{(20)}m_{121}^{(20)}+4m_{011}^{(00)}m_{021}^{(20)}m_{112}^{(10)}$$
$$+2m_{011}^{(00)}m_{021}^{(21)}m_{310}^{(22)}+2m_{011}^{(00)}m_{021}^{(21)}m_{301}^{(21)}-2m_{011}^{(00)}m_{021}^{(21)}m_{211}^{(20)}-2m_{011}^{(00)}m_{021}^{(21)}m_{202}^{(10)}$$
$$+m_{011}^{(00)}m_{021}^{(22)}m_{310}^{(21)}+m_{011}^{(00)}m_{021}^{(22)}m_{301}^{(11)}-m_{011}^{(00)}m_{021}^{(22)}m_{220}^{(20)}-m_{011}^{(00)}m_{021}^{(22)}m_{211}^{(10)}$$
$$-m_{011}^{(00)}m_{012}^{(00)}m_{130}^{(22)}-3m_{011}^{(00)}m_{012}^{(00)}m_{121}^{(21)}-2m_{011}^{(00)}m_{012}^{(00)}m_{112}^{(11)}+3m_{011}^{(00)}m_{012}^{(00)}m_{031}^{(20)}$$
$$+3m_{011}^{(00)}m_{012}^{(00)}m_{022}^{(10)}+2m_{011}^{(00)}m_{012}^{(10)}m_{220}^{(22)}+4m_{011}^{(00)}m_{012}^{(10)}m_{211}^{(21)}+2m_{011}^{(00)}m_{012}^{(10)}m_{202}^{(11)}$$
$$-4m_{011}^{(00)}m_{012}^{(10)}m_{121}^{(20)}-4m_{011}^{(00)}m_{012}^{(10)}m_{112}^{(10)}-m_{011}^{(00)}m_{012}^{(11)}m_{310}^{(22)}-m_{011}^{(00)}m_{012}^{(11)}m_{301}^{(21)}$$
$$+m_{011}^{(00)}m_{012}^{(11)}m_{211}^{(20)}+m_{011}^{(00)}m_{012}^{(11)}m_{202}^{(10)}+2m_{011}^{(00)}m_{012}^{(20)}m_{220}^{(21)}+2m_{011}^{(00)}m_{012}^{(20)}m_{211}^{(11)}$$
$$-2m_{011}^{(00)}m_{012}^{(20)}m_{130}^{(20)}-2m_{011}^{(00)}m_{012}^{(20)}m_{121}^{(10)}-2m_{011}^{(00)}m_{012}^{(21)}m_{310}^{(21)}-2m_{011}^{(00)}m_{012}^{(21)}m_{301}^{(11)}$$
$$+2m_{011}^{(00)}m_{012}^{(21)}m_{220}^{(20)}+2m_{011}^{(00)}m_{012}^{(21)}m_{211}^{(10)}+m_{011}^{(00)}m_{003}^{(00)}m_{130}^{(21)}+m_{011}^{(00)}m_{003}^{(00)}m_{121}^{(11)}$$
$$-m_{011}^{(00)}m_{003}^{(00)}m_{040}^{(20)}-m_{011}^{(00)}m_{003}^{(00)}m_{031}^{(10)}-2m_{011}^{(00)}m_{003}^{(10)}m_{220}^{(21)}-2m_{011}^{(00)}m_{003}^{(10)}m_{211}^{(11)}$$
$$+2m_{011}^{(00)}m_{003}^{(10)}m_{130}^{(20)}+2m_{011}^{(00)}m_{003}^{(10)}m_{121}^{(10)}+m_{011}^{(00)}m_{003}^{(11)}m_{310}^{(21)}+m_{011}^{(00)}m_{003}^{(11)}m_{301}^{(11)}$$
$$-m_{011}^{(00)}m_{003}^{(11)}m_{220}^{(20)}-m_{011}^{(00)}m_{003}^{(11)}m_{211}^{(10)}-m_{011}^{(10)}m_{300}^{(11)}m_{112}^{(22)}+m_{011}^{(10)}m_{300}^{(11)}m_{103}^{(21)}$$
$$-m_{011}^{(10)}m_{300}^{(11)}m_{013}^{(20)}+m_{011}^{(10)}m_{300}^{(11)}m_{004}^{(10)}+2m_{011}^{(10)}m_{300}^{(21)}m_{121}^{(22)}-2m_{011}^{(10)}m_{300}^{(21)}m_{112}^{(21)}$$
$$+2m_{011}^{(10)}m_{300}^{(21)}m_{022}^{(20)}-2m_{011}^{(10)}m_{300}^{(21)}m_{013}^{(10)}-m_{011}^{(10)}m_{300}^{(22)}m_{130}^{(22)}+m_{011}^{(10)}m_{300}^{(22)}m_{121}^{(21)}$$
$$-m_{011}^{(10)}m_{300}^{(22)}m_{031}^{(20)}+m_{011}^{(10)}m_{300}^{(22)}m_{022}^{(10)}+2m_{011}^{(10)}m_{210}^{(10)}m_{112}^{(22)}-2m_{011}^{(10)}m_{210}^{(10)}m_{103}^{(21)}$$
$$+2m_{011}^{(10)}m_{210}^{(10)}m_{013}^{(20)}-2m_{011}^{(10)}m_{210}^{(10)}m_{004}^{(10)}+m_{011}^{(10)}m_{210}^{(11)}m_{202}^{(22)}-m_{011}^{(10)}m_{210}^{(11)}m_{004}^{(00)}$$
$$-2m_{011}^{(10)}m_{210}^{(20)}m_{121}^{(22)}+2m_{011}^{(10)}m_{210}^{(20)}m_{112}^{(21)}-2m_{011}^{(10)}m_{210}^{(20)}m_{022}^{(20)}+2m_{011}^{(10)}m_{210}^{(20)}m_{013}^{(10)}$$
$$-4m_{011}^{(10)}m_{210}^{(21)}m_{211}^{(22)}+2m_{011}^{(10)}m_{210}^{(21)}m_{202}^{(21)}-2m_{011}^{(10)}m_{210}^{(21)}m_{112}^{(20)}+2m_{011}^{(10)}m_{210}^{(21)}m_{103}^{(10)}$$
$$+2m_{011}^{(10)}m_{210}^{(21)}m_{013}^{(00)}+3m_{011}^{(10)}m_{210}^{(22)}m_{220}^{(22)}-2m_{011}^{(10)}m_{210}^{(22)}m_{211}^{(21)}+2m_{011}^{(10)}m_{210}^{(22)}m_{121}^{(20)}$$
$$-2m_{011}^{(10)}m_{210}^{(22)}m_{112}^{(10)}-m_{011}^{(10)}m_{210}^{(22)}m_{022}^{(00)}-2m_{011}^{(10)}m_{201}^{(10)}m_{121}^{(22)}+2m_{011}^{(10)}m_{201}^{(10)}m_{112}^{(21)}$$
$$-2m_{011}^{(10)}m_{201}^{(10)}m_{022}^{(20)}+2m_{011}^{(10)}m_{201}^{(10)}m_{013}^{(10)}+2m_{011}^{(10)}m_{201}^{(11)}m_{211}^{(22)}-3m_{011}^{(10)}m_{201}^{(11)}m_{202}^{(21)}$$
$$+3m_{011}^{(10)}m_{201}^{(11)}m_{112}^{(20)}-3m_{011}^{(10)}m_{201}^{(11)}m_{103}^{(10)}+m_{011}^{(10)}m_{201}^{(11)}m_{013}^{(00)}+2m_{011}^{(10)}m_{201}^{(20)}m_{130}^{(22)}$$
$$-2m_{011}^{(10)}m_{201}^{(20)}m_{121}^{(21)}+2m_{011}^{(10)}m_{201}^{(20)}m_{031}^{(20)}-2m_{011}^{(10)}m_{201}^{(20)}m_{022}^{(10)}-2m_{011}^{(10)}m_{201}^{(21)}m_{220}^{(22)}$$
$$+4m_{011}^{(10)}m_{201}^{(21)}m_{211}^{(21)}-4m_{011}^{(10)}m_{201}^{(21)}m_{121}^{(20)}+4m_{011}^{(10)}m_{201}^{(21)}m_{112}^{(10)}-2m_{011}^{(10)}m_{201}^{(21)}m_{022}^{(00)}$$
$$-m_{011}^{(10)}m_{201}^{(22)}m_{220}^{(21)}+m_{011}^{(10)}m_{201}^{(22)}m_{130}^{(20)}-m_{011}^{(10)}m_{201}^{(22)}m_{121}^{(10)}+m_{011}^{(10)}m_{201}^{(22)}m_{031}^{(00)}$$
$$-m_{011}^{(10)}m_{120}^{(00)}m_{112}^{(22)}+m_{011}^{(10)}m_{120}^{(00)}m_{103}^{(21)}-m_{011}^{(10)}m_{120}^{(00)}m_{013}^{(20)}+m_{011}^{(10)}m_{120}^{(00)}m_{004}^{(10)}$$
$$-2m_{011}^{(10)}m_{120}^{(10)}m_{202}^{(22)}+2m_{011}^{(10)}m_{120}^{(10)}m_{004}^{(00)}+4m_{011}^{(10)}m_{120}^{(20)}m_{211}^{(22)}-2m_{011}^{(10)}m_{120}^{(20)}m_{202}^{(21)}$$
$$+2m_{011}^{(10)}m_{120}^{(20)}m_{112}^{(20)}-2m_{011}^{(10)}m_{120}^{(20)}m_{103}^{(10)}-2m_{011}^{(10)}m_{120}^{(20)}m_{013}^{(00)}+2m_{011}^{(10)}m_{120}^{(21)}m_{301}^{(22)}$$
$$-2m_{011}^{(10)}m_{120}^{(21)}m_{103}^{(00)}-3m_{011}^{(10)}m_{120}^{(22)}m_{310}^{(22)}+m_{011}^{(10)}m_{120}^{(22)}m_{301}^{(21)}-m_{011}^{(10)}m_{120}^{(22)}m_{211}^{(20)}$$
$$+m_{011}^{(10)}m_{120}^{(22)}m_{202}^{(10)}+2m_{011}^{(10)}m_{120}^{(22)}m_{112}^{(00)}+2m_{011}^{(10)}m_{111}^{(00)}m_{121}^{(22)}-2m_{011}^{(10)}m_{111}^{(00)}m_{112}^{(21)}$$
$$+2m_{011}^{(10)}m_{111}^{(00)}m_{022}^{(20)}-2m_{011}^{(10)}m_{111}^{(00)}m_{013}^{(10)}+4m_{011}^{(10)}m_{111}^{(10)}m_{202}^{(21)}-4m_{011}^{(10)}m_{111}^{(10)}m_{112}^{(20)}$$
$$+4m_{011}^{(10)}m_{111}^{(10)}m_{103}^{(10)}-4m_{011}^{(10)}m_{111}^{(10)}m_{013}^{(00)}-2m_{011}^{(10)}m_{111}^{(11)}m_{301}^{(22)}+2m_{011}^{(10)}m_{111}^{(11)}m_{103}^{(00)}$$
$$-4m_{011}^{(10)}m_{111}^{(20)}m_{220}^{(22)}+4m_{011}^{(10)}m_{111}^{(20)}m_{022}^{(00)}+4m_{011}^{(10)}m_{111}^{(21)}m_{310}^{(22)}-4m_{011}^{(10)}m_{111}^{(21)}m_{301}^{(21)}$$
$$+4m_{011}^{(10)}m_{111}^{(21)}m_{211}^{(20)}-4m_{011}^{(10)}m_{111}^{(21)}m_{202}^{(10)}+2m_{011}^{(10)}m_{111}^{(22)}m_{310}^{(21)}-2m_{011}^{(10)}m_{111}^{(22)}m_{220}^{(20)}$$
$$+2m_{011}^{(10)}m_{111}^{(22)}m_{211}^{(10)}-2m_{011}^{(10)}m_{111}^{(22)}m_{121}^{(00)}-m_{011}^{(10)}m_{102}^{(00)}m_{130}^{(22)}+m_{011}^{(10)}m_{102}^{(00)}m_{121}^{(21)}$$
$$-m_{011}^{(10)}m_{102}^{(00)}m_{031}^{(20)}+m_{011}^{(10)}m_{102}^{(00)}m_{022}^{(10)}+2m_{011}^{(10)}m_{102}^{(10)}m_{220}^{(22)}-4m_{011}^{(10)}m_{102}^{(10)}m_{211}^{(21)}$$

$$+4m_{011}^{(10)}m_{102}^{(10)}m_{121}^{(20)} - 4m_{011}^{(10)}m_{102}^{(10)}m_{112}^{(10)} + 2m_{011}^{(10)}m_{102}^{(10)}m_{022}^{(00)} - m_{011}^{(10)}m_{102}^{(11)}m_{310}^{(22)}$$
$$+3m_{011}^{(10)}m_{102}^{(11)}m_{301}^{(21)} - 3m_{011}^{(10)}m_{102}^{(11)}m_{211}^{(20)} + 3m_{011}^{(10)}m_{102}^{(11)}m_{202}^{(10)} - 2m_{011}^{(10)}m_{102}^{(11)}m_{112}^{(00)}$$
$$+2m_{011}^{(10)}m_{102}^{(20)}m_{220}^{(21)} - 2m_{011}^{(10)}m_{102}^{(20)}m_{130}^{(20)} + 2m_{011}^{(10)}m_{102}^{(20)}m_{121}^{(10)} - 2m_{011}^{(10)}m_{102}^{(20)}m_{031}^{(00)}$$
$$-2m_{011}^{(10)}m_{102}^{(21)}m_{310}^{(21)} + 2m_{011}^{(10)}m_{102}^{(21)}m_{220}^{(20)} - 2m_{011}^{(10)}m_{102}^{(21)}m_{211}^{(10)} + 2m_{011}^{(10)}m_{102}^{(21)}m_{121}^{(00)}$$
$$+m_{011}^{(10)}m_{030}^{(00)}m_{202}^{(22)} - m_{011}^{(10)}m_{030}^{(00)}m_{004}^{(00)} - 2m_{011}^{(10)}m_{030}^{(20)}m_{301}^{(22)} + 2m_{011}^{(10)}m_{030}^{(20)}m_{103}^{(00)}$$
$$+m_{011}^{(10)}m_{030}^{(22)}m_{400}^{(22)} - m_{011}^{(10)}m_{030}^{(22)}m_{202}^{(00)} - 2m_{011}^{(10)}m_{021}^{(00)}m_{211}^{(22)} - m_{011}^{(10)}m_{021}^{(00)}m_{202}^{(21)}$$
$$+m_{011}^{(10)}m_{021}^{(00)}m_{112}^{(20)} - m_{011}^{(10)}m_{021}^{(00)}m_{103}^{(10)} + 3m_{011}^{(10)}m_{021}^{(00)}m_{013}^{(00)} + 2m_{011}^{(10)}m_{021}^{(10)}m_{301}^{(22)}$$
$$-2m_{011}^{(10)}m_{021}^{(10)}m_{103}^{(00)} + 2m_{011}^{(10)}m_{021}^{(20)}m_{310}^{(22)} + 2m_{011}^{(10)}m_{021}^{(20)}m_{301}^{(21)} - 2m_{011}^{(10)}m_{021}^{(20)}m_{211}^{(20)}$$
$$+2m_{011}^{(10)}m_{021}^{(20)}m_{202}^{(10)} - 4m_{011}^{(10)}m_{021}^{(20)}m_{112}^{(00)} - 2m_{011}^{(10)}m_{021}^{(21)}m_{400}^{(22)} + 2m_{011}^{(10)}m_{021}^{(21)}m_{202}^{(00)}$$
$$-m_{011}^{(10)}m_{021}^{(22)}m_{400}^{(21)} + m_{011}^{(10)}m_{021}^{(22)}m_{310}^{(20)} - m_{011}^{(10)}m_{021}^{(22)}m_{301}^{(10)} + m_{011}^{(10)}m_{021}^{(22)}m_{211}^{(00)}$$
$$+m_{011}^{(10)}m_{012}^{(00)}m_{220}^{(22)} + 2m_{011}^{(10)}m_{012}^{(00)}m_{211}^{(21)} - 2m_{011}^{(10)}m_{012}^{(00)}m_{121}^{(20)} + 2m_{011}^{(10)}m_{012}^{(00)}m_{112}^{(10)}$$
$$-3m_{011}^{(10)}m_{012}^{(00)}m_{022}^{(00)} - 2m_{011}^{(10)}m_{012}^{(10)}m_{310}^{(22)} - 2m_{011}^{(10)}m_{012}^{(10)}m_{301}^{(21)} + 2m_{011}^{(10)}m_{012}^{(10)}m_{211}^{(20)}$$
$$-2m_{011}^{(10)}m_{012}^{(10)}m_{202}^{(10)} + 4m_{011}^{(10)}m_{012}^{(10)}m_{112}^{(00)} + m_{011}^{(10)}m_{012}^{(11)}m_{400}^{(22)} - m_{011}^{(10)}m_{012}^{(11)}m_{202}^{(00)}$$
$$-2m_{011}^{(10)}m_{012}^{(20)}m_{310}^{(21)} + 2m_{011}^{(10)}m_{012}^{(20)}m_{220}^{(20)} - 2m_{011}^{(10)}m_{012}^{(20)}m_{211}^{(10)} + 2m_{011}^{(10)}m_{012}^{(20)}m_{121}^{(00)}$$
$$+2m_{011}^{(10)}m_{012}^{(21)}m_{400}^{(21)} - 2m_{011}^{(10)}m_{012}^{(21)}m_{310}^{(20)} + 2m_{011}^{(10)}m_{012}^{(21)}m_{301}^{(10)} - 2m_{011}^{(10)}m_{012}^{(21)}m_{211}^{(00)}$$
$$-m_{011}^{(10)}m_{003}^{(00)}m_{220}^{(21)} + m_{011}^{(10)}m_{003}^{(00)}m_{130}^{(20)} - m_{011}^{(10)}m_{003}^{(00)}m_{121}^{(10)} + m_{011}^{(10)}m_{003}^{(00)}m_{031}^{(00)}$$
$$+2m_{011}^{(10)}m_{003}^{(10)}m_{310}^{(21)} - 2m_{011}^{(10)}m_{003}^{(10)}m_{220}^{(20)} + 2m_{011}^{(10)}m_{003}^{(10)}m_{211}^{(10)} - 2m_{011}^{(10)}m_{003}^{(10)}m_{121}^{(00)}$$
$$-m_{011}^{(10)}m_{003}^{(11)}m_{400}^{(21)} + m_{011}^{(10)}m_{003}^{(11)}m_{310}^{(20)} - m_{011}^{(10)}m_{003}^{(11)}m_{301}^{(10)} + m_{011}^{(10)}m_{003}^{(11)}m_{211}^{(00)}$$
$$-m_{011}^{(20)}m_{300}^{(11)}m_{112}^{(21)} + m_{011}^{(20)}m_{300}^{(11)}m_{103}^{(11)} - m_{011}^{(20)}m_{300}^{(11)}m_{022}^{(20)} + m_{011}^{(20)}m_{300}^{(11)}m_{013}^{(10)}$$
$$+2m_{011}^{(20)}m_{300}^{(21)}m_{121}^{(21)} - 2m_{011}^{(20)}m_{300}^{(21)}m_{112}^{(11)} + 2m_{011}^{(20)}m_{300}^{(21)}m_{031}^{(20)} - 2m_{011}^{(20)}m_{300}^{(21)}m_{022}^{(10)}$$
$$-m_{011}^{(20)}m_{300}^{(22)}m_{130}^{(21)} + m_{011}^{(20)}m_{300}^{(22)}m_{121}^{(11)} - m_{011}^{(20)}m_{300}^{(22)}m_{040}^{(20)} + m_{011}^{(20)}m_{300}^{(22)}m_{031}^{(10)}$$
$$+2m_{011}^{(20)}m_{210}^{(10)}m_{112}^{(21)} - 2m_{011}^{(20)}m_{210}^{(10)}m_{103}^{(11)} + 2m_{011}^{(20)}m_{210}^{(10)}m_{022}^{(20)} - 2m_{011}^{(20)}m_{210}^{(10)}m_{013}^{(10)}$$
$$+m_{011}^{(20)}m_{210}^{(11)}m_{202}^{(21)} + m_{011}^{(20)}m_{210}^{(11)}m_{112}^{(20)} - m_{011}^{(20)}m_{210}^{(11)}m_{103}^{(10)} - m_{011}^{(20)}m_{210}^{(11)}m_{013}^{(00)}$$
$$-2m_{011}^{(20)}m_{210}^{(20)}m_{121}^{(21)} + 2m_{011}^{(20)}m_{210}^{(20)}m_{112}^{(11)} - 2m_{011}^{(20)}m_{210}^{(20)}m_{031}^{(20)} + 2m_{011}^{(20)}m_{210}^{(20)}m_{022}^{(10)}$$
$$-4m_{011}^{(20)}m_{210}^{(21)}m_{211}^{(21)} + 2m_{011}^{(20)}m_{210}^{(21)}m_{202}^{(11)} - 4m_{011}^{(20)}m_{210}^{(21)}m_{121}^{(20)} + 4m_{011}^{(20)}m_{210}^{(21)}m_{112}^{(10)}$$
$$+2m_{011}^{(20)}m_{210}^{(21)}m_{022}^{(00)} + 3m_{011}^{(20)}m_{210}^{(22)}m_{220}^{(21)} - 2m_{011}^{(20)}m_{210}^{(22)}m_{211}^{(11)} + 3m_{011}^{(20)}m_{210}^{(22)}m_{130}^{(20)}$$
$$-3m_{011}^{(20)}m_{210}^{(22)}m_{121}^{(10)} - m_{011}^{(20)}m_{210}^{(22)}m_{031}^{(00)} - 2m_{011}^{(20)}m_{201}^{(10)}m_{121}^{(21)} + 2m_{011}^{(20)}m_{201}^{(10)}m_{112}^{(11)}$$
$$-2m_{011}^{(20)}m_{201}^{(10)}m_{031}^{(20)} + 2m_{011}^{(20)}m_{201}^{(10)}m_{022}^{(10)} + 2m_{011}^{(20)}m_{201}^{(11)}m_{211}^{(21)} - 3m_{011}^{(20)}m_{201}^{(11)}m_{202}^{(11)}$$
$$+2m_{011}^{(20)}m_{201}^{(11)}m_{121}^{(20)} - 2m_{011}^{(20)}m_{201}^{(11)}m_{112}^{(10)} + m_{011}^{(20)}m_{201}^{(11)}m_{022}^{(00)} + 2m_{011}^{(20)}m_{201}^{(20)}m_{130}^{(21)}$$
$$-2m_{011}^{(20)}m_{201}^{(20)}m_{121}^{(11)} + 2m_{011}^{(20)}m_{201}^{(20)}m_{040}^{(20)} - 2m_{011}^{(20)}m_{201}^{(20)}m_{031}^{(10)} - 2m_{011}^{(20)}m_{201}^{(21)}m_{220}^{(21)}$$
$$+4m_{011}^{(20)}m_{201}^{(21)}m_{211}^{(11)} - 2m_{011}^{(20)}m_{201}^{(21)}m_{130}^{(20)} + 2m_{011}^{(20)}m_{201}^{(21)}m_{121}^{(10)} - 2m_{011}^{(20)}m_{201}^{(21)}m_{031}^{(00)}$$
$$-m_{011}^{(20)}m_{201}^{(22)}m_{220}^{(11)} + m_{011}^{(20)}m_{201}^{(22)}m_{040}^{(00)} - m_{011}^{(20)}m_{120}^{(00)}m_{112}^{(21)} + m_{011}^{(20)}m_{120}^{(00)}m_{103}^{(11)}$$
$$-m_{011}^{(20)}m_{120}^{(00)}m_{022}^{(20)} + m_{011}^{(20)}m_{120}^{(00)}m_{013}^{(10)} - 2m_{011}^{(20)}m_{120}^{(10)}m_{202}^{(21)} - 2m_{011}^{(20)}m_{120}^{(10)}m_{112}^{(20)}$$
$$+2m_{011}^{(20)}m_{120}^{(10)}m_{103}^{(10)} + 2m_{011}^{(20)}m_{120}^{(10)}m_{013}^{(00)} + 4m_{011}^{(20)}m_{120}^{(20)}m_{211}^{(21)} - 2m_{011}^{(20)}m_{120}^{(20)}m_{202}^{(11)}$$
$$+4m_{011}^{(20)}m_{120}^{(20)}m_{121}^{(20)} - 4m_{011}^{(20)}m_{120}^{(20)}m_{112}^{(10)} - 2m_{011}^{(20)}m_{120}^{(20)}m_{022}^{(00)} + 2m_{011}^{(20)}m_{120}^{(21)}m_{301}^{(21)}$$
$$+2m_{011}^{(20)}m_{120}^{(21)}m_{211}^{(20)} - 2m_{011}^{(20)}m_{120}^{(21)}m_{202}^{(10)} - 2m_{011}^{(20)}m_{120}^{(21)}m_{112}^{(00)} - 3m_{011}^{(20)}m_{120}^{(22)}m_{310}^{(21)}$$
$$+m_{011}^{(20)}m_{120}^{(22)}m_{301}^{(11)} - 3m_{011}^{(20)}m_{120}^{(22)}m_{220}^{(20)} + 3m_{011}^{(20)}m_{120}^{(22)}m_{211}^{(10)} + 2m_{011}^{(20)}m_{120}^{(22)}m_{121}^{(00)}$$
$$+2m_{011}^{(20)}m_{111}^{(00)}m_{121}^{(21)} - 2m_{011}^{(20)}m_{111}^{(00)}m_{112}^{(11)} + 2m_{011}^{(20)}m_{111}^{(00)}m_{031}^{(20)} - 2m_{011}^{(20)}m_{111}^{(00)}m_{022}^{(10)}$$

$$+4m_{011}^{(20)}m_{111}^{(10)}m_{202}^{(11)} - 4m_{011}^{(20)}m_{111}^{(10)}m_{022}^{(00)} - 2m_{011}^{(20)}m_{111}^{(11)}m_{301}^{(21)} - 2m_{011}^{(20)}m_{111}^{(11)}m_{211}^{(20)}$$
$$+2m_{011}^{(20)}m_{111}^{(11)}m_{202}^{(10)} + 2m_{011}^{(20)}m_{111}^{(11)}m_{112}^{(00)} - 4m_{011}^{(20)}m_{111}^{(20)}m_{220}^{(21)} - 4m_{011}^{(20)}m_{111}^{(20)}m_{130}^{(20)}$$
$$+4m_{011}^{(20)}m_{111}^{(20)}m_{121}^{(10)} + 4m_{011}^{(20)}m_{111}^{(20)}m_{031}^{(00)} + 4m_{011}^{(20)}m_{111}^{(21)}m_{310}^{(21)} - 4m_{011}^{(20)}m_{111}^{(21)}m_{301}^{(11)}$$
$$+4m_{011}^{(20)}m_{111}^{(21)}m_{220}^{(20)} - 4m_{011}^{(20)}m_{111}^{(21)}m_{211}^{(10)} + 2m_{011}^{(20)}m_{111}^{(22)}m_{310}^{(11)} - 2m_{011}^{(20)}m_{111}^{(22)}m_{130}^{(00)}$$
$$-m_{011}^{(20)}m_{102}^{(00)}m_{130}^{(21)} + m_{011}^{(20)}m_{102}^{(00)}m_{121}^{(11)} - m_{011}^{(20)}m_{102}^{(00)}m_{040}^{(20)} + m_{011}^{(20)}m_{102}^{(00)}m_{031}^{(10)}$$
$$+2m_{011}^{(20)}m_{102}^{(10)}m_{220}^{(21)} - 4m_{011}^{(20)}m_{102}^{(10)}m_{211}^{(11)} + 2m_{011}^{(20)}m_{102}^{(10)}m_{130}^{(20)} - 2m_{011}^{(20)}m_{102}^{(10)}m_{121}^{(10)}$$
$$+2m_{011}^{(20)}m_{102}^{(10)}m_{031}^{(00)} - m_{011}^{(20)}m_{102}^{(11)}m_{310}^{(21)} + 3m_{011}^{(20)}m_{102}^{(11)}m_{301}^{(11)} - m_{011}^{(20)}m_{102}^{(11)}m_{220}^{(20)}$$
$$+m_{011}^{(20)}m_{102}^{(11)}m_{211}^{(10)} - 2m_{011}^{(20)}m_{102}^{(11)}m_{121}^{(00)} + 2m_{011}^{(20)}m_{102}^{(20)}m_{220}^{(11)} - 2m_{011}^{(20)}m_{102}^{(20)}m_{040}^{(00)}$$
$$-2m_{011}^{(20)}m_{102}^{(21)}m_{310}^{(11)} + 2m_{011}^{(20)}m_{102}^{(21)}m_{130}^{(00)} + m_{011}^{(20)}m_{030}^{(00)}m_{202}^{(21)} + m_{011}^{(20)}m_{030}^{(00)}m_{112}^{(20)}$$
$$-m_{011}^{(20)}m_{030}^{(00)}m_{103}^{(10)} - m_{011}^{(20)}m_{030}^{(00)}m_{013}^{(00)} - 2m_{011}^{(20)}m_{030}^{(20)}m_{301}^{(21)} - 2m_{011}^{(20)}m_{030}^{(20)}m_{211}^{(20)}$$
$$+2m_{011}^{(20)}m_{030}^{(20)}m_{202}^{(10)} + 2m_{011}^{(20)}m_{030}^{(20)}m_{112}^{(00)} + m_{011}^{(20)}m_{030}^{(22)}m_{400}^{(21)} + m_{011}^{(20)}m_{030}^{(22)}m_{310}^{(20)}$$
$$-m_{011}^{(20)}m_{030}^{(22)}m_{301}^{(10)} - m_{011}^{(20)}m_{030}^{(22)}m_{211}^{(00)} - 2m_{011}^{(20)}m_{021}^{(00)}m_{211}^{(21)} - m_{011}^{(20)}m_{021}^{(00)}m_{202}^{(11)}$$
$$-2m_{011}^{(20)}m_{021}^{(00)}m_{121}^{(20)} + 2m_{011}^{(20)}m_{021}^{(00)}m_{112}^{(10)} + 3m_{011}^{(20)}m_{021}^{(00)}m_{022}^{(00)} + 2m_{011}^{(20)}m_{021}^{(10)}m_{301}^{(21)}$$
$$+2m_{011}^{(20)}m_{021}^{(10)}m_{211}^{(20)} - 2m_{011}^{(20)}m_{021}^{(10)}m_{202}^{(10)} - 2m_{011}^{(20)}m_{021}^{(10)}m_{112}^{(00)} + 2m_{011}^{(20)}m_{021}^{(20)}m_{310}^{(21)}$$
$$+2m_{011}^{(20)}m_{021}^{(20)}m_{301}^{(11)} + 2m_{011}^{(20)}m_{021}^{(20)}m_{220}^{(20)} - 2m_{011}^{(20)}m_{021}^{(20)}m_{211}^{(10)} - 4m_{011}^{(20)}m_{021}^{(20)}m_{121}^{(00)}$$
$$-2m_{011}^{(20)}m_{021}^{(21)}m_{400}^{(21)} - 2m_{011}^{(20)}m_{021}^{(21)}m_{310}^{(20)} + 2m_{011}^{(20)}m_{021}^{(21)}m_{301}^{(10)} + 2m_{011}^{(20)}m_{021}^{(21)}m_{211}^{(00)}$$
$$-m_{011}^{(20)}m_{021}^{(22)}m_{400}^{(11)} + m_{011}^{(20)}m_{021}^{(22)}m_{220}^{(00)} + m_{011}^{(20)}m_{012}^{(00)}m_{220}^{(21)} + 2m_{011}^{(20)}m_{012}^{(00)}m_{211}^{(11)}$$
$$+m_{011}^{(20)}m_{012}^{(00)}m_{130}^{(20)} - m_{011}^{(20)}m_{012}^{(00)}m_{121}^{(10)} - 3m_{011}^{(20)}m_{012}^{(00)}m_{031}^{(00)} - 2m_{011}^{(20)}m_{012}^{(10)}m_{310}^{(21)}$$
$$-2m_{011}^{(20)}m_{012}^{(10)}m_{301}^{(11)} - 2m_{011}^{(20)}m_{012}^{(10)}m_{220}^{(20)} + 2m_{011}^{(20)}m_{012}^{(10)}m_{211}^{(10)} + 4m_{011}^{(20)}m_{012}^{(10)}m_{121}^{(00)}$$
$$+m_{011}^{(20)}m_{012}^{(11)}m_{400}^{(21)} + m_{011}^{(20)}m_{012}^{(11)}m_{310}^{(20)} - m_{011}^{(20)}m_{012}^{(11)}m_{301}^{(10)} - m_{011}^{(20)}m_{012}^{(11)}m_{211}^{(00)}$$
$$-2m_{011}^{(20)}m_{012}^{(20)}m_{310}^{(11)} + 2m_{011}^{(20)}m_{012}^{(20)}m_{130}^{(00)} + 2m_{011}^{(20)}m_{012}^{(21)}m_{400}^{(11)} - 2m_{011}^{(20)}m_{012}^{(21)}m_{220}^{(00)}$$
$$-m_{011}^{(20)}m_{003}^{(00)}m_{220}^{(11)} + m_{011}^{(20)}m_{003}^{(00)}m_{040}^{(00)} + 2m_{011}^{(20)}m_{003}^{(10)}m_{310}^{(11)} - 2m_{011}^{(20)}m_{003}^{(10)}m_{130}^{(00)}$$
$$-m_{011}^{(20)}m_{003}^{(11)}m_{400}^{(11)} + m_{011}^{(20)}m_{003}^{(11)}m_{220}^{(00)} + 2m_{011}^{(21)}m_{300}^{(11)}m_{112}^{(20)} - 2m_{011}^{(21)}m_{300}^{(11)}m_{103}^{(10)}$$
$$-4m_{011}^{(21)}m_{300}^{(21)}m_{121}^{(20)} + 4m_{011}^{(21)}m_{300}^{(21)}m_{112}^{(10)} + 2m_{011}^{(21)}m_{300}^{(22)}m_{130}^{(20)} - 2m_{011}^{(21)}m_{300}^{(22)}m_{121}^{(10)}$$
$$-4m_{011}^{(21)}m_{210}^{(10)}m_{112}^{(20)} + 4m_{011}^{(21)}m_{210}^{(10)}m_{103}^{(10)} - 2m_{011}^{(21)}m_{210}^{(11)}m_{202}^{(20)} + 2m_{011}^{(21)}m_{210}^{(11)}m_{103}^{(00)}$$
$$+4m_{011}^{(21)}m_{210}^{(20)}m_{121}^{(20)} - 4m_{011}^{(21)}m_{210}^{(20)}m_{112}^{(10)} + 8m_{011}^{(21)}m_{210}^{(21)}m_{211}^{(20)} - 4m_{011}^{(21)}m_{210}^{(21)}m_{202}^{(10)}$$
$$-4m_{011}^{(21)}m_{210}^{(21)}m_{112}^{(00)} - 6m_{011}^{(21)}m_{210}^{(22)}m_{220}^{(20)} + 4m_{011}^{(21)}m_{210}^{(22)}m_{211}^{(10)} + 2m_{011}^{(21)}m_{210}^{(22)}m_{121}^{(00)}$$
$$+4m_{011}^{(21)}m_{201}^{(10)}m_{121}^{(20)} - 4m_{011}^{(21)}m_{201}^{(10)}m_{112}^{(10)} - 4m_{011}^{(21)}m_{201}^{(11)}m_{211}^{(20)} + 6m_{011}^{(21)}m_{201}^{(11)}m_{202}^{(10)}$$
$$-2m_{011}^{(21)}m_{201}^{(11)}m_{112}^{(00)} - 4m_{011}^{(21)}m_{201}^{(20)}m_{130}^{(20)} + 4m_{011}^{(21)}m_{201}^{(20)}m_{121}^{(10)} + 4m_{011}^{(21)}m_{201}^{(21)}m_{220}^{(20)}$$
$$-8m_{011}^{(21)}m_{201}^{(21)}m_{211}^{(10)} + 4m_{011}^{(21)}m_{201}^{(21)}m_{121}^{(00)} + 2m_{011}^{(21)}m_{201}^{(22)}m_{220}^{(10)} - 2m_{011}^{(21)}m_{201}^{(22)}m_{130}^{(00)}$$
$$+2m_{011}^{(21)}m_{120}^{(00)}m_{112}^{(20)} - 2m_{011}^{(21)}m_{120}^{(00)}m_{103}^{(10)} + 4m_{011}^{(21)}m_{120}^{(10)}m_{202}^{(20)} - 4m_{011}^{(21)}m_{120}^{(10)}m_{103}^{(00)}$$
$$-8m_{011}^{(21)}m_{120}^{(20)}m_{211}^{(20)} + 4m_{011}^{(21)}m_{120}^{(20)}m_{202}^{(10)} + 4m_{011}^{(21)}m_{120}^{(20)}m_{112}^{(00)} - 4m_{011}^{(21)}m_{120}^{(21)}m_{301}^{(20)}$$
$$+4m_{011}^{(21)}m_{120}^{(21)}m_{202}^{(00)} + 6m_{011}^{(21)}m_{120}^{(22)}m_{310}^{(20)} - 2m_{011}^{(21)}m_{120}^{(22)}m_{301}^{(10)} - 4m_{011}^{(21)}m_{120}^{(22)}m_{211}^{(00)}$$
$$-4m_{011}^{(21)}m_{111}^{(00)}m_{121}^{(20)} + 4m_{011}^{(21)}m_{111}^{(00)}m_{112}^{(10)} - 8m_{011}^{(21)}m_{111}^{(10)}m_{202}^{(10)} + 8m_{011}^{(21)}m_{111}^{(10)}m_{112}^{(00)}$$
$$+4m_{011}^{(21)}m_{111}^{(11)}m_{301}^{(20)} - 4m_{011}^{(21)}m_{111}^{(11)}m_{202}^{(00)} + 8m_{011}^{(21)}m_{111}^{(20)}m_{220}^{(20)} - 8m_{011}^{(21)}m_{111}^{(20)}m_{121}^{(00)}$$
$$-8m_{011}^{(21)}m_{111}^{(21)}m_{310}^{(20)} + 8m_{011}^{(21)}m_{111}^{(21)}m_{301}^{(10)} - 4m_{011}^{(21)}m_{111}^{(22)}m_{310}^{(10)} + 4m_{011}^{(21)}m_{111}^{(22)}m_{220}^{(00)}$$
$$+2m_{011}^{(21)}m_{102}^{(00)}m_{130}^{(20)} - 2m_{011}^{(21)}m_{102}^{(00)}m_{121}^{(10)} - 4m_{011}^{(21)}m_{102}^{(10)}m_{220}^{(20)} + 8m_{011}^{(21)}m_{102}^{(10)}m_{211}^{(10)}$$
$$-4m_{011}^{(21)}m_{102}^{(10)}m_{121}^{(00)} + 2m_{011}^{(21)}m_{102}^{(11)}m_{310}^{(20)} - 6m_{011}^{(21)}m_{102}^{(11)}m_{301}^{(10)} + 4m_{011}^{(21)}m_{102}^{(11)}m_{211}^{(00)}$$

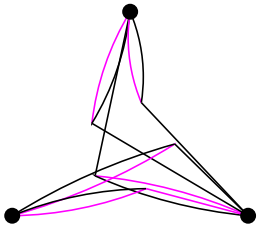
$$
\begin{aligned}
&-4m_{011}^{(21)}m_{102}^{(20)}m_{220}^{(10)} + 4m_{011}^{(21)}m_{102}^{(20)}m_{130}^{(00)} + 4m_{011}^{(21)}m_{102}^{(21)}m_{310}^{(10)} - 4m_{011}^{(21)}m_{102}^{(21)}m_{220}^{(00)}\\
&-2m_{011}^{(21)}m_{030}^{(00)}m_{202}^{(20)} + 2m_{011}^{(21)}m_{030}^{(00)}m_{103}^{(00)} + 4m_{011}^{(21)}m_{030}^{(20)}m_{301}^{(20)} - 4m_{011}^{(21)}m_{030}^{(20)}m_{202}^{(00)}\\
&-2m_{011}^{(21)}m_{030}^{(22)}m_{400}^{(20)} + 2m_{011}^{(21)}m_{030}^{(22)}m_{301}^{(00)} + 4m_{011}^{(21)}m_{021}^{(00)}m_{211}^{(20)} + 2m_{011}^{(21)}m_{021}^{(00)}m_{202}^{(10)}\\
&-6m_{011}^{(21)}m_{021}^{(00)}m_{112}^{(00)} - 4m_{011}^{(21)}m_{021}^{(10)}m_{301}^{(20)} + 4m_{011}^{(21)}m_{021}^{(10)}m_{202}^{(00)} - 4m_{011}^{(21)}m_{021}^{(20)}m_{310}^{(20)}\\
&-4m_{011}^{(21)}m_{021}^{(20)}m_{301}^{(10)} + 8m_{011}^{(21)}m_{021}^{(20)}m_{211}^{(00)} + 4m_{011}^{(21)}m_{021}^{(21)}m_{400}^{(20)} - 4m_{011}^{(21)}m_{021}^{(21)}m_{301}^{(00)}\\
&+2m_{011}^{(21)}m_{021}^{(22)}m_{400}^{(10)} - 2m_{011}^{(21)}m_{021}^{(22)}m_{310}^{(00)} - 2m_{011}^{(21)}m_{012}^{(00)}m_{220}^{(20)} - 4m_{011}^{(21)}m_{012}^{(00)}m_{211}^{(10)}\\
&+6m_{011}^{(21)}m_{012}^{(00)}m_{121}^{(00)} + 4m_{011}^{(21)}m_{012}^{(10)}m_{310}^{(20)} + 4m_{011}^{(21)}m_{012}^{(10)}m_{301}^{(10)} - 8m_{011}^{(21)}m_{012}^{(10)}m_{211}^{(00)}\\
&-2m_{011}^{(21)}m_{012}^{(11)}m_{400}^{(20)} + 2m_{011}^{(21)}m_{012}^{(11)}m_{301}^{(00)} + 4m_{011}^{(21)}m_{012}^{(20)}m_{310}^{(10)} - 4m_{011}^{(21)}m_{012}^{(20)}m_{220}^{(00)}\\
&-4m_{011}^{(21)}m_{012}^{(21)}m_{400}^{(10)} + 4m_{011}^{(21)}m_{012}^{(21)}m_{310}^{(00)} + 2m_{011}^{(21)}m_{003}^{(00)}m_{220}^{(10)} - 2m_{011}^{(21)}m_{003}^{(00)}m_{130}^{(00)}\\
&-4m_{011}^{(21)}m_{003}^{(10)}m_{310}^{(10)} + 4m_{011}^{(21)}m_{003}^{(10)}m_{220}^{(00)} + 2m_{011}^{(21)}m_{003}^{(11)}m_{400}^{(10)} - 2m_{011}^{(21)}m_{003}^{(11)}m_{310}^{(00)}\\
&-m_{002}^{(00)}m_{300}^{(11)}m_{022}^{(21)} + m_{002}^{(00)}m_{300}^{(11)}m_{013}^{(11)} + 2m_{002}^{(00)}m_{300}^{(21)}m_{031}^{(21)} - 2m_{002}^{(00)}m_{300}^{(21)}m_{022}^{(11)}\\
&-m_{002}^{(00)}m_{300}^{(22)}m_{040}^{(21)} + m_{002}^{(00)}m_{300}^{(22)}m_{031}^{(11)} + 2m_{002}^{(00)}m_{210}^{(10)}m_{022}^{(21)} - 2m_{002}^{(00)}m_{210}^{(10)}m_{013}^{(11)}\\
&+m_{002}^{(00)}m_{210}^{(11)}m_{112}^{(21)} - m_{002}^{(00)}m_{210}^{(11)}m_{013}^{(10)} - 2m_{002}^{(00)}m_{210}^{(20)}m_{031}^{(21)} + 2m_{002}^{(00)}m_{210}^{(20)}m_{022}^{(11)}\\
&-4m_{002}^{(00)}m_{210}^{(21)}m_{121}^{(21)} + 2m_{002}^{(00)}m_{210}^{(21)}m_{112}^{(11)} + 2m_{002}^{(00)}m_{210}^{(21)}m_{022}^{(10)} + 3m_{002}^{(00)}m_{210}^{(22)}m_{130}^{(21)}\\
&-2m_{002}^{(00)}m_{210}^{(22)}m_{121}^{(11)} - m_{002}^{(00)}m_{210}^{(22)}m_{031}^{(10)} - 2m_{002}^{(00)}m_{201}^{(10)}m_{031}^{(21)} + 2m_{002}^{(00)}m_{201}^{(10)}m_{022}^{(11)}\\
&+2m_{002}^{(00)}m_{201}^{(11)}m_{121}^{(21)} - 3m_{002}^{(00)}m_{201}^{(11)}m_{112}^{(11)} + m_{002}^{(00)}m_{201}^{(11)}m_{022}^{(10)} + 2m_{002}^{(00)}m_{201}^{(20)}m_{040}^{(21)}\\
&-2m_{002}^{(00)}m_{201}^{(20)}m_{031}^{(11)} - 2m_{002}^{(00)}m_{201}^{(21)}m_{130}^{(21)} + 4m_{002}^{(00)}m_{201}^{(21)}m_{121}^{(11)} - 2m_{002}^{(00)}m_{201}^{(21)}m_{031}^{(10)}\\
&-m_{002}^{(00)}m_{201}^{(22)}m_{130}^{(11)} + m_{002}^{(00)}m_{201}^{(22)}m_{040}^{(10)} - m_{002}^{(00)}m_{120}^{(00)}m_{022}^{(21)} + m_{002}^{(00)}m_{120}^{(00)}m_{013}^{(11)}\\
&-2m_{002}^{(00)}m_{120}^{(10)}m_{112}^{(21)} + 2m_{002}^{(00)}m_{120}^{(10)}m_{013}^{(10)} + 4m_{002}^{(00)}m_{120}^{(20)}m_{121}^{(21)} - 2m_{002}^{(00)}m_{120}^{(20)}m_{112}^{(11)}\\
&-2m_{002}^{(00)}m_{120}^{(20)}m_{022}^{(10)} + 2m_{002}^{(00)}m_{120}^{(21)}m_{211}^{(21)} - 2m_{002}^{(00)}m_{120}^{(21)}m_{112}^{(10)} - 3m_{002}^{(00)}m_{120}^{(22)}m_{220}^{(21)}\\
&+m_{002}^{(00)}m_{120}^{(22)}m_{211}^{(11)} + 2m_{002}^{(00)}m_{120}^{(22)}m_{121}^{(10)} + 2m_{002}^{(00)}m_{111}^{(00)}m_{031}^{(21)} - 2m_{002}^{(00)}m_{111}^{(00)}m_{022}^{(11)}\\
&+4m_{002}^{(00)}m_{111}^{(10)}m_{112}^{(11)} - 4m_{002}^{(00)}m_{111}^{(10)}m_{022}^{(10)} - 2m_{002}^{(00)}m_{111}^{(11)}m_{211}^{(21)} + 2m_{002}^{(00)}m_{111}^{(11)}m_{112}^{(10)}\\
&-4m_{002}^{(00)}m_{111}^{(20)}m_{130}^{(21)} + 4m_{002}^{(00)}m_{111}^{(20)}m_{031}^{(10)} + 4m_{002}^{(00)}m_{111}^{(21)}m_{220}^{(21)} - 4m_{002}^{(00)}m_{111}^{(21)}m_{211}^{(11)}\\
&+2m_{002}^{(00)}m_{111}^{(22)}m_{220}^{(11)} - 2m_{002}^{(00)}m_{111}^{(22)}m_{130}^{(10)} - m_{002}^{(00)}m_{102}^{(00)}m_{040}^{(21)} + m_{002}^{(00)}m_{102}^{(00)}m_{031}^{(11)}\\
&+2m_{002}^{(00)}m_{102}^{(10)}m_{130}^{(21)} - 4m_{002}^{(00)}m_{102}^{(10)}m_{121}^{(11)} + 2m_{002}^{(00)}m_{102}^{(10)}m_{031}^{(10)} - m_{002}^{(00)}m_{102}^{(11)}m_{220}^{(21)}\\
&+3m_{002}^{(00)}m_{102}^{(11)}m_{211}^{(11)} - 2m_{002}^{(00)}m_{102}^{(11)}m_{121}^{(10)} + 2m_{002}^{(00)}m_{102}^{(20)}m_{130}^{(11)} - 2m_{002}^{(00)}m_{102}^{(20)}m_{040}^{(10)}\\
&-2m_{002}^{(00)}m_{102}^{(21)}m_{220}^{(11)} + 2m_{002}^{(00)}m_{102}^{(21)}m_{130}^{(10)} + m_{002}^{(00)}m_{030}^{(00)}m_{112}^{(21)} - m_{002}^{(00)}m_{030}^{(00)}m_{013}^{(10)}\\
&-2m_{002}^{(00)}m_{030}^{(20)}m_{211}^{(21)} + 2m_{002}^{(00)}m_{030}^{(20)}m_{112}^{(10)} + m_{002}^{(00)}m_{030}^{(22)}m_{310}^{(21)} - m_{002}^{(00)}m_{030}^{(22)}m_{211}^{(10)}\\
&-2m_{002}^{(00)}m_{021}^{(00)}m_{121}^{(21)} - m_{002}^{(00)}m_{021}^{(00)}m_{112}^{(11)} + 3m_{002}^{(00)}m_{021}^{(00)}m_{022}^{(10)} + 2m_{002}^{(00)}m_{021}^{(10)}m_{211}^{(21)}\\
&-2m_{002}^{(00)}m_{021}^{(10)}m_{112}^{(10)} + 2m_{002}^{(00)}m_{021}^{(20)}m_{220}^{(21)} + 2m_{002}^{(00)}m_{021}^{(20)}m_{211}^{(11)} - 4m_{002}^{(00)}m_{021}^{(20)}m_{121}^{(10)}\\
&-2m_{002}^{(00)}m_{021}^{(21)}m_{310}^{(21)} + 2m_{002}^{(00)}m_{021}^{(21)}m_{211}^{(10)} - m_{002}^{(00)}m_{021}^{(22)}m_{310}^{(11)} + m_{002}^{(00)}m_{021}^{(22)}m_{220}^{(10)}\\
&+m_{002}^{(00)}m_{012}^{(00)}m_{130}^{(21)} + 2m_{002}^{(00)}m_{012}^{(00)}m_{121}^{(11)} - 3m_{002}^{(00)}m_{012}^{(00)}m_{031}^{(10)} - 2m_{002}^{(00)}m_{012}^{(10)}m_{220}^{(21)}\\
&-2m_{002}^{(00)}m_{012}^{(10)}m_{211}^{(11)} + 4m_{002}^{(00)}m_{012}^{(10)}m_{121}^{(10)} + m_{002}^{(00)}m_{012}^{(11)}m_{310}^{(21)} - m_{002}^{(00)}m_{012}^{(11)}m_{211}^{(10)}\\
&-2m_{002}^{(00)}m_{012}^{(20)}m_{220}^{(11)} + 2m_{002}^{(00)}m_{012}^{(20)}m_{130}^{(10)} + 2m_{002}^{(00)}m_{012}^{(21)}m_{310}^{(11)} - 2m_{002}^{(00)}m_{012}^{(21)}m_{220}^{(10)}\\
&-m_{002}^{(00)}m_{003}^{(00)}m_{130}^{(11)} + m_{002}^{(00)}m_{003}^{(00)}m_{040}^{(10)} + 2m_{002}^{(00)}m_{003}^{(10)}m_{220}^{(11)} - 2m_{002}^{(00)}m_{003}^{(10)}m_{130}^{(10)}\\
&-m_{002}^{(00)}m_{003}^{(11)}m_{310}^{(11)} + m_{002}^{(00)}m_{003}^{(11)}m_{220}^{(10)} + m_{002}^{(10)}m_{300}^{(11)}m_{112}^{(21)} - m_{002}^{(10)}m_{300}^{(11)}m_{103}^{(11)}\\
&+m_{002}^{(10)}m_{300}^{(11)}m_{022}^{(20)} - m_{002}^{(10)}m_{300}^{(11)}m_{013}^{(10)} - 2m_{002}^{(10)}m_{300}^{(21)}m_{121}^{(21)} + 2m_{002}^{(10)}m_{300}^{(21)}m_{112}^{(11)}\\
&-2m_{002}^{(10)}m_{300}^{(21)}m_{031}^{(20)} + 2m_{002}^{(10)}m_{300}^{(21)}m_{022}^{(10)} + m_{002}^{(10)}m_{300}^{(22)}m_{130}^{(21)} - m_{002}^{(10)}m_{300}^{(22)}m_{121}^{(11)}
\end{aligned}
$$

$$+m_{002}^{(10)}m_{300}^{(22)}m_{040}^{(20)}-m_{002}^{(10)}m_{300}^{(22)}m_{031}^{(10)}-2m_{002}^{(10)}m_{210}^{(10)}m_{112}^{(21)}+2m_{002}^{(10)}m_{210}^{(10)}m_{103}^{(11)}$$
$$-2m_{002}^{(10)}m_{210}^{(10)}m_{022}^{(20)}+2m_{002}^{(10)}m_{210}^{(10)}m_{013}^{(10)}-m_{002}^{(10)}m_{210}^{(11)}m_{202}^{(21)}-m_{002}^{(10)}m_{210}^{(11)}m_{112}^{(20)}$$
$$+m_{002}^{(10)}m_{210}^{(11)}m_{103}^{(10)}+m_{002}^{(10)}m_{210}^{(11)}m_{013}^{(00)}+2m_{002}^{(10)}m_{210}^{(20)}m_{121}^{(21)}-2m_{002}^{(10)}m_{210}^{(20)}m_{112}^{(11)}$$
$$+2m_{002}^{(10)}m_{210}^{(20)}m_{031}^{(20)}-2m_{002}^{(10)}m_{210}^{(20)}m_{022}^{(10)}+4m_{002}^{(10)}m_{210}^{(21)}m_{211}^{(21)}-2m_{002}^{(10)}m_{210}^{(21)}m_{202}^{(11)}$$
$$+4m_{002}^{(10)}m_{210}^{(21)}m_{121}^{(20)}-4m_{002}^{(10)}m_{210}^{(21)}m_{112}^{(10)}-2m_{002}^{(10)}m_{210}^{(21)}m_{022}^{(00)}-3m_{002}^{(10)}m_{210}^{(22)}m_{220}^{(21)}$$
$$+2m_{002}^{(10)}m_{210}^{(22)}m_{211}^{(11)}-3m_{002}^{(10)}m_{210}^{(22)}m_{130}^{(20)}+3m_{002}^{(10)}m_{210}^{(22)}m_{121}^{(10)}+m_{002}^{(10)}m_{210}^{(22)}m_{031}^{(00)}$$
$$+2m_{002}^{(10)}m_{201}^{(10)}m_{121}^{(21)}-2m_{002}^{(10)}m_{201}^{(10)}m_{112}^{(11)}+2m_{002}^{(10)}m_{201}^{(10)}m_{031}^{(20)}-2m_{002}^{(10)}m_{201}^{(10)}m_{022}^{(10)}$$
$$-2m_{002}^{(10)}m_{201}^{(11)}m_{211}^{(21)}+3m_{002}^{(10)}m_{201}^{(11)}m_{202}^{(11)}-2m_{002}^{(10)}m_{201}^{(11)}m_{121}^{(20)}+2m_{002}^{(10)}m_{201}^{(11)}m_{112}^{(10)}$$
$$-m_{002}^{(10)}m_{201}^{(11)}m_{022}^{(00)}-2m_{002}^{(10)}m_{201}^{(20)}m_{130}^{(21)}+2m_{002}^{(10)}m_{201}^{(20)}m_{121}^{(11)}-2m_{002}^{(10)}m_{201}^{(20)}m_{040}^{(20)}$$
$$+2m_{002}^{(10)}m_{201}^{(20)}m_{031}^{(10)}+2m_{002}^{(10)}m_{201}^{(21)}m_{220}^{(21)}-4m_{002}^{(10)}m_{201}^{(21)}m_{211}^{(11)}+2m_{002}^{(10)}m_{201}^{(21)}m_{130}^{(20)}$$
$$-2m_{002}^{(10)}m_{201}^{(21)}m_{121}^{(10)}+2m_{002}^{(10)}m_{201}^{(21)}m_{031}^{(00)}+m_{002}^{(10)}m_{201}^{(22)}m_{220}^{(11)}-m_{002}^{(10)}m_{201}^{(22)}m_{040}^{(00)}$$
$$+m_{002}^{(10)}m_{120}^{(00)}m_{112}^{(21)}-m_{002}^{(10)}m_{120}^{(00)}m_{103}^{(11)}+m_{002}^{(10)}m_{120}^{(00)}m_{022}^{(20)}-m_{002}^{(10)}m_{120}^{(00)}m_{013}^{(10)}$$
$$+2m_{002}^{(10)}m_{120}^{(10)}m_{202}^{(21)}+2m_{002}^{(10)}m_{120}^{(10)}m_{112}^{(20)}-2m_{002}^{(10)}m_{120}^{(10)}m_{103}^{(10)}-2m_{002}^{(10)}m_{120}^{(10)}m_{013}^{(00)}$$
$$-4m_{002}^{(10)}m_{120}^{(20)}m_{211}^{(21)}+2m_{002}^{(10)}m_{120}^{(20)}m_{202}^{(11)}-4m_{002}^{(10)}m_{120}^{(20)}m_{121}^{(20)}+4m_{002}^{(10)}m_{120}^{(20)}m_{112}^{(10)}$$
$$+2m_{002}^{(10)}m_{120}^{(20)}m_{022}^{(00)}-2m_{002}^{(10)}m_{120}^{(21)}m_{301}^{(21)}-2m_{002}^{(10)}m_{120}^{(21)}m_{211}^{(20)}+2m_{002}^{(10)}m_{120}^{(21)}m_{202}^{(10)}$$
$$+2m_{002}^{(10)}m_{120}^{(21)}m_{112}^{(00)}+3m_{002}^{(10)}m_{120}^{(22)}m_{310}^{(21)}-m_{002}^{(10)}m_{120}^{(22)}m_{301}^{(11)}+3m_{002}^{(10)}m_{120}^{(22)}m_{220}^{(20)}$$
$$-3m_{002}^{(10)}m_{120}^{(22)}m_{211}^{(10)}-2m_{002}^{(10)}m_{120}^{(22)}m_{121}^{(00)}-2m_{002}^{(10)}m_{111}^{(00)}m_{121}^{(21)}+2m_{002}^{(10)}m_{111}^{(00)}m_{112}^{(11)}$$
$$-2m_{002}^{(10)}m_{111}^{(00)}m_{031}^{(20)}+2m_{002}^{(10)}m_{111}^{(00)}m_{022}^{(10)}-4m_{002}^{(10)}m_{111}^{(10)}m_{202}^{(11)}+4m_{002}^{(10)}m_{111}^{(10)}m_{022}^{(00)}$$
$$+2m_{002}^{(10)}m_{111}^{(11)}m_{301}^{(21)}+2m_{002}^{(10)}m_{111}^{(11)}m_{211}^{(20)}-2m_{002}^{(10)}m_{111}^{(11)}m_{202}^{(10)}-2m_{002}^{(10)}m_{111}^{(11)}m_{112}^{(00)}$$
$$+4m_{002}^{(10)}m_{111}^{(20)}m_{220}^{(21)}+4m_{002}^{(10)}m_{111}^{(20)}m_{130}^{(20)}-4m_{002}^{(10)}m_{111}^{(20)}m_{121}^{(10)}-4m_{002}^{(10)}m_{111}^{(20)}m_{031}^{(00)}$$
$$-4m_{002}^{(10)}m_{111}^{(21)}m_{310}^{(21)}+4m_{002}^{(10)}m_{111}^{(21)}m_{301}^{(11)}-4m_{002}^{(10)}m_{111}^{(21)}m_{220}^{(20)}+4m_{002}^{(10)}m_{111}^{(21)}m_{211}^{(10)}$$
$$-2m_{002}^{(10)}m_{111}^{(22)}m_{310}^{(11)}+2m_{002}^{(10)}m_{111}^{(22)}m_{130}^{(00)}+m_{002}^{(10)}m_{102}^{(00)}m_{130}^{(21)}-m_{002}^{(10)}m_{102}^{(00)}m_{121}^{(11)}$$
$$+m_{002}^{(10)}m_{102}^{(00)}m_{040}^{(20)}-m_{002}^{(10)}m_{102}^{(00)}m_{031}^{(10)}-2m_{002}^{(10)}m_{102}^{(10)}m_{220}^{(21)}+4m_{002}^{(10)}m_{102}^{(10)}m_{211}^{(11)}$$
$$-2m_{002}^{(10)}m_{102}^{(10)}m_{130}^{(20)}+2m_{002}^{(10)}m_{102}^{(10)}m_{121}^{(10)}-2m_{002}^{(10)}m_{102}^{(10)}m_{031}^{(00)}+m_{002}^{(10)}m_{102}^{(11)}m_{310}^{(21)}$$
$$-3m_{002}^{(10)}m_{102}^{(11)}m_{301}^{(11)}+m_{002}^{(10)}m_{102}^{(11)}m_{220}^{(20)}-m_{002}^{(10)}m_{102}^{(11)}m_{211}^{(10)}+2m_{002}^{(10)}m_{102}^{(11)}m_{121}^{(00)}$$
$$-2m_{002}^{(10)}m_{102}^{(20)}m_{220}^{(11)}+2m_{002}^{(10)}m_{102}^{(20)}m_{040}^{(00)}+2m_{002}^{(10)}m_{102}^{(21)}m_{310}^{(11)}-2m_{002}^{(10)}m_{102}^{(21)}m_{130}^{(00)}$$
$$-m_{002}^{(10)}m_{030}^{(00)}m_{202}^{(21)}-m_{002}^{(10)}m_{030}^{(00)}m_{112}^{(20)}+m_{002}^{(10)}m_{030}^{(00)}m_{103}^{(10)}+m_{002}^{(10)}m_{030}^{(00)}m_{013}^{(00)}$$
$$+2m_{002}^{(10)}m_{030}^{(20)}m_{301}^{(21)}+2m_{002}^{(10)}m_{030}^{(20)}m_{211}^{(20)}-2m_{002}^{(10)}m_{030}^{(20)}m_{202}^{(10)}-2m_{002}^{(10)}m_{030}^{(20)}m_{112}^{(00)}$$
$$-m_{002}^{(10)}m_{030}^{(22)}m_{400}^{(21)}-m_{002}^{(10)}m_{030}^{(22)}m_{310}^{(20)}+m_{002}^{(10)}m_{030}^{(22)}m_{301}^{(10)}+m_{002}^{(10)}m_{030}^{(22)}m_{211}^{(00)}$$
$$+2m_{002}^{(10)}m_{021}^{(00)}m_{211}^{(21)}+m_{002}^{(10)}m_{021}^{(00)}m_{202}^{(11)}+2m_{002}^{(10)}m_{021}^{(00)}m_{121}^{(20)}-2m_{002}^{(10)}m_{021}^{(00)}m_{112}^{(10)}$$
$$-3m_{002}^{(10)}m_{021}^{(00)}m_{022}^{(00)}-2m_{002}^{(10)}m_{021}^{(10)}m_{301}^{(21)}-2m_{002}^{(10)}m_{021}^{(10)}m_{211}^{(20)}+2m_{002}^{(10)}m_{021}^{(10)}m_{202}^{(10)}$$
$$+2m_{002}^{(10)}m_{021}^{(10)}m_{112}^{(00)}-2m_{002}^{(10)}m_{021}^{(20)}m_{310}^{(21)}-2m_{002}^{(10)}m_{021}^{(20)}m_{301}^{(11)}-2m_{002}^{(10)}m_{021}^{(20)}m_{220}^{(20)}$$
$$+2m_{002}^{(10)}m_{021}^{(20)}m_{211}^{(10)}+4m_{002}^{(10)}m_{021}^{(20)}m_{121}^{(00)}+2m_{002}^{(10)}m_{021}^{(21)}m_{400}^{(21)}+2m_{002}^{(10)}m_{021}^{(21)}m_{310}^{(20)}$$
$$-2m_{002}^{(10)}m_{021}^{(21)}m_{301}^{(10)}-2m_{002}^{(10)}m_{021}^{(21)}m_{211}^{(00)}+m_{002}^{(10)}m_{021}^{(22)}m_{400}^{(11)}-m_{002}^{(10)}m_{021}^{(22)}m_{220}^{(00)}$$
$$-m_{002}^{(10)}m_{012}^{(00)}m_{220}^{(21)}-2m_{002}^{(10)}m_{012}^{(00)}m_{211}^{(11)}-m_{002}^{(10)}m_{012}^{(00)}m_{130}^{(20)}+m_{002}^{(10)}m_{012}^{(00)}m_{121}^{(10)}$$
$$+3m_{002}^{(10)}m_{012}^{(00)}m_{031}^{(00)}+2m_{002}^{(10)}m_{012}^{(10)}m_{310}^{(21)}+2m_{002}^{(10)}m_{012}^{(10)}m_{301}^{(11)}+2m_{002}^{(10)}m_{012}^{(10)}m_{220}^{(20)}$$
$$-2m_{002}^{(10)}m_{012}^{(10)}m_{211}^{(10)}-4m_{002}^{(10)}m_{012}^{(10)}m_{121}^{(00)}-m_{002}^{(10)}m_{012}^{(11)}m_{400}^{(21)}-m_{002}^{(10)}m_{012}^{(11)}m_{310}^{(20)}$$
$$+m_{002}^{(10)}m_{012}^{(11)}m_{301}^{(10)}+m_{002}^{(10)}m_{012}^{(11)}m_{211}^{(00)}+2m_{002}^{(10)}m_{012}^{(20)}m_{310}^{(11)}-2m_{002}^{(10)}m_{012}^{(20)}m_{130}^{(00)}$$

$$
\begin{aligned}
&-2m_{002}^{(10)}m_{012}^{(21)}m_{400}^{(11)} + 2m_{002}^{(10)}m_{012}^{(21)}m_{220}^{(00)} + m_{002}^{(10)}m_{003}^{(00)}m_{220}^{(11)} - m_{002}^{(10)}m_{003}^{(00)}m_{040}^{(00)}\\
&-2m_{002}^{(10)}m_{003}^{(10)}m_{310}^{(11)} + 2m_{002}^{(10)}m_{003}^{(10)}m_{130}^{(00)} + m_{002}^{(10)}m_{003}^{(11)}m_{400}^{(11)} - m_{002}^{(10)}m_{003}^{(11)}m_{220}^{(00)}\\
&-m_{002}^{(11)}m_{300}^{(11)}m_{112}^{(20)} + m_{002}^{(11)}m_{300}^{(11)}m_{103}^{(10)} + 2m_{002}^{(11)}m_{300}^{(21)}m_{121}^{(20)} - 2m_{002}^{(11)}m_{300}^{(21)}m_{112}^{(10)}\\
&-m_{002}^{(11)}m_{300}^{(22)}m_{130}^{(20)} + m_{002}^{(11)}m_{300}^{(22)}m_{121}^{(10)} + 2m_{002}^{(11)}m_{210}^{(10)}m_{112}^{(20)} - 2m_{002}^{(11)}m_{210}^{(10)}m_{103}^{(10)}\\
&+m_{002}^{(11)}m_{210}^{(11)}m_{202}^{(20)} - m_{002}^{(11)}m_{210}^{(11)}m_{103}^{(00)} - 2m_{002}^{(11)}m_{210}^{(20)}m_{121}^{(20)} + 2m_{002}^{(11)}m_{210}^{(20)}m_{112}^{(10)}\\
&-4m_{002}^{(11)}m_{210}^{(21)}m_{211}^{(20)} + 2m_{002}^{(11)}m_{210}^{(21)}m_{202}^{(10)} + 2m_{002}^{(11)}m_{210}^{(21)}m_{112}^{(00)} + 3m_{002}^{(11)}m_{210}^{(22)}m_{220}^{(20)}\\
&-2m_{002}^{(11)}m_{210}^{(22)}m_{211}^{(10)} - m_{002}^{(11)}m_{210}^{(22)}m_{121}^{(00)} - 2m_{002}^{(11)}m_{201}^{(10)}m_{121}^{(20)} + 2m_{002}^{(11)}m_{201}^{(10)}m_{112}^{(10)}\\
&+2m_{002}^{(11)}m_{201}^{(11)}m_{211}^{(20)} - 3m_{002}^{(11)}m_{201}^{(11)}m_{202}^{(10)} + m_{002}^{(11)}m_{201}^{(11)}m_{112}^{(00)} + 2m_{002}^{(11)}m_{201}^{(20)}m_{130}^{(20)}\\
&-2m_{002}^{(11)}m_{201}^{(20)}m_{121}^{(10)} - 2m_{002}^{(11)}m_{201}^{(21)}m_{220}^{(20)} + 4m_{002}^{(11)}m_{201}^{(21)}m_{211}^{(10)} - 2m_{002}^{(11)}m_{201}^{(21)}m_{121}^{(00)}\\
&-m_{002}^{(11)}m_{201}^{(22)}m_{220}^{(10)} + m_{002}^{(11)}m_{201}^{(22)}m_{130}^{(00)} - m_{002}^{(11)}m_{120}^{(00)}m_{112}^{(20)} + m_{002}^{(11)}m_{120}^{(00)}m_{103}^{(10)}\\
&-2m_{002}^{(11)}m_{120}^{(10)}m_{202}^{(20)} + 2m_{002}^{(11)}m_{120}^{(10)}m_{103}^{(00)} + 4m_{002}^{(11)}m_{120}^{(20)}m_{211}^{(20)} - 2m_{002}^{(11)}m_{120}^{(20)}m_{202}^{(10)}\\
&-2m_{002}^{(11)}m_{120}^{(20)}m_{112}^{(00)} + 2m_{002}^{(11)}m_{120}^{(21)}m_{301}^{(20)} - 2m_{002}^{(11)}m_{120}^{(21)}m_{202}^{(00)} - 3m_{002}^{(11)}m_{120}^{(22)}m_{310}^{(20)}\\
&+m_{002}^{(11)}m_{120}^{(22)}m_{301}^{(10)} + 2m_{002}^{(11)}m_{120}^{(22)}m_{211}^{(00)} + 2m_{002}^{(11)}m_{111}^{(00)}m_{121}^{(20)} - 2m_{002}^{(11)}m_{111}^{(00)}m_{112}^{(10)}\\
&+4m_{002}^{(11)}m_{111}^{(10)}m_{202}^{(10)} - 4m_{002}^{(11)}m_{111}^{(10)}m_{112}^{(00)} - 2m_{002}^{(11)}m_{111}^{(11)}m_{301}^{(20)} + 2m_{002}^{(11)}m_{111}^{(11)}m_{202}^{(00)}\\
&-4m_{002}^{(11)}m_{111}^{(20)}m_{220}^{(20)} + 4m_{002}^{(11)}m_{111}^{(20)}m_{121}^{(00)} + 4m_{002}^{(11)}m_{111}^{(21)}m_{310}^{(20)} - 4m_{002}^{(11)}m_{111}^{(21)}m_{301}^{(10)}\\
&+2m_{002}^{(11)}m_{111}^{(22)}m_{310}^{(10)} - 2m_{002}^{(11)}m_{111}^{(22)}m_{220}^{(00)} - m_{002}^{(11)}m_{102}^{(00)}m_{130}^{(20)} + m_{002}^{(11)}m_{102}^{(00)}m_{121}^{(10)}\\
&+2m_{002}^{(11)}m_{102}^{(10)}m_{220}^{(20)} - 4m_{002}^{(11)}m_{102}^{(10)}m_{211}^{(10)} + 2m_{002}^{(11)}m_{102}^{(10)}m_{121}^{(00)} - m_{002}^{(11)}m_{102}^{(11)}m_{310}^{(20)}\\
&+3m_{002}^{(11)}m_{102}^{(11)}m_{301}^{(10)} - 2m_{002}^{(11)}m_{102}^{(11)}m_{211}^{(00)} + 2m_{002}^{(11)}m_{102}^{(20)}m_{220}^{(10)} - 2m_{002}^{(11)}m_{102}^{(20)}m_{130}^{(00)}\\
&-2m_{002}^{(11)}m_{102}^{(21)}m_{310}^{(10)} + 2m_{002}^{(11)}m_{102}^{(21)}m_{220}^{(00)} + m_{002}^{(11)}m_{030}^{(00)}m_{202}^{(20)} - m_{002}^{(11)}m_{030}^{(00)}m_{103}^{(00)}\\
&-2m_{002}^{(11)}m_{030}^{(20)}m_{301}^{(20)} + 2m_{002}^{(11)}m_{030}^{(20)}m_{202}^{(00)} + m_{002}^{(11)}m_{030}^{(22)}m_{400}^{(20)} - m_{002}^{(11)}m_{030}^{(22)}m_{301}^{(00)}\\
&-2m_{002}^{(11)}m_{021}^{(00)}m_{211}^{(20)} - m_{002}^{(11)}m_{021}^{(00)}m_{202}^{(10)} + 3m_{002}^{(11)}m_{021}^{(00)}m_{112}^{(00)} + 2m_{002}^{(11)}m_{021}^{(10)}m_{301}^{(20)}\\
&-2m_{002}^{(11)}m_{021}^{(10)}m_{202}^{(00)} + 2m_{002}^{(11)}m_{021}^{(20)}m_{310}^{(20)} + 2m_{002}^{(11)}m_{021}^{(20)}m_{301}^{(10)} - 4m_{002}^{(11)}m_{021}^{(20)}m_{211}^{(00)}\\
&-2m_{002}^{(11)}m_{021}^{(21)}m_{400}^{(20)} + 2m_{002}^{(11)}m_{021}^{(21)}m_{301}^{(00)} - m_{002}^{(11)}m_{021}^{(22)}m_{400}^{(10)} + m_{002}^{(11)}m_{021}^{(22)}m_{310}^{(00)}\\
&+m_{002}^{(11)}m_{012}^{(00)}m_{220}^{(20)} + 2m_{002}^{(11)}m_{012}^{(00)}m_{211}^{(10)} - 3m_{002}^{(11)}m_{012}^{(00)}m_{121}^{(00)} - 2m_{002}^{(11)}m_{012}^{(10)}m_{310}^{(20)}\\
&-2m_{002}^{(11)}m_{012}^{(10)}m_{301}^{(10)} + 4m_{002}^{(11)}m_{012}^{(10)}m_{211}^{(00)} + m_{002}^{(11)}m_{012}^{(11)}m_{400}^{(20)} - m_{002}^{(11)}m_{012}^{(11)}m_{301}^{(00)}\\
&-2m_{002}^{(11)}m_{012}^{(20)}m_{310}^{(10)} + 2m_{002}^{(11)}m_{012}^{(20)}m_{220}^{(00)} + 2m_{002}^{(11)}m_{012}^{(21)}m_{400}^{(10)} - 2m_{002}^{(11)}m_{012}^{(21)}m_{310}^{(00)}\\
&-m_{002}^{(11)}m_{003}^{(00)}m_{220}^{(10)} + m_{002}^{(11)}m_{003}^{(00)}m_{130}^{(00)} + 2m_{002}^{(11)}m_{003}^{(10)}m_{310}^{(10)} - 2m_{002}^{(11)}m_{003}^{(10)}m_{220}^{(00)}\\
&-m_{002}^{(11)}m_{003}^{(11)}m_{400}^{(10)} + m_{002}^{(11)}m_{003}^{(11)}m_{310}^{(00)}
\end{aligned}
$$

Generating graph:

$V1$	$V1$	$V2$	$V2$	2
1	1	2	2	$V3$
$V3$	3	3	3	3



$$
\begin{aligned}
T_{150} \;=\;& -m_{200}^{(11)} m_{201}^{(10)} m_{022}^{(22)} + 2m_{200}^{(11)} m_{201}^{(10)} m_{013}^{(21)} - m_{200}^{(11)} m_{201}^{(10)} m_{004}^{(11)} + m_{200}^{(11)} m_{201}^{(11)} m_{112}^{(22)} \\
& - m_{200}^{(11)} m_{201}^{(11)} m_{103}^{(21)} - m_{200}^{(11)} m_{201}^{(11)} m_{013}^{(20)} + m_{200}^{(11)} m_{201}^{(11)} m_{004}^{(10)} + m_{200}^{(11)} m_{201}^{(20)} m_{031}^{(22)} \\
& - 2m_{200}^{(11)} m_{201}^{(20)} m_{022}^{(21)} + m_{200}^{(11)} m_{201}^{(20)} m_{013}^{(11)} - m_{200}^{(11)} m_{201}^{(21)} m_{121}^{(22)} + m_{200}^{(11)} m_{201}^{(21)} m_{103}^{(11)} \\
& + 2m_{200}^{(11)} m_{201}^{(21)} m_{022}^{(20)} - 2m_{200}^{(11)} m_{201}^{(21)} m_{013}^{(10)} + m_{200}^{(11)} m_{201}^{(22)} m_{121}^{(21)} - m_{200}^{(11)} m_{201}^{(22)} m_{112}^{(11)} \\
& - m_{200}^{(11)} m_{201}^{(22)} m_{031}^{(20)} + m_{200}^{(11)} m_{201}^{(22)} m_{022}^{(10)} + m_{200}^{(11)} m_{111}^{(00)} m_{022}^{(22)} - 2m_{200}^{(11)} m_{111}^{(00)} m_{013}^{(21)} \\
& + m_{200}^{(11)} m_{111}^{(00)} m_{004}^{(11)} - m_{200}^{(11)} m_{111}^{(11)} m_{202}^{(22)} + 2m_{200}^{(11)} m_{111}^{(11)} m_{103}^{(20)} - m_{200}^{(11)} m_{111}^{(11)} m_{004}^{(00)} \\
& - 2m_{200}^{(11)} m_{111}^{(20)} m_{121}^{(22)} + 4m_{200}^{(11)} m_{111}^{(20)} m_{112}^{(21)} - 2m_{200}^{(11)} m_{111}^{(20)} m_{103}^{(11)} + 2m_{200}^{(11)} m_{111}^{(21)} m_{211}^{(22)} \\
& - 4m_{200}^{(11)} m_{111}^{(21)} m_{112}^{(20)} + 2m_{200}^{(11)} m_{111}^{(21)} m_{013}^{(00)} - 2m_{200}^{(11)} m_{111}^{(22)} m_{211}^{(21)} + m_{200}^{(11)} m_{111}^{(22)} m_{202}^{(11)} \\
& + 2m_{200}^{(11)} m_{111}^{(22)} m_{121}^{(20)} - m_{200}^{(11)} m_{111}^{(22)} m_{022}^{(00)} - m_{200}^{(11)} m_{102}^{(00)} m_{031}^{(22)} + 2m_{200}^{(11)} m_{102}^{(00)} m_{022}^{(21)} \\
& - m_{200}^{(11)} m_{102}^{(00)} m_{013}^{(11)} + 2m_{200}^{(11)} m_{102}^{(10)} m_{121}^{(22)} - 4m_{200}^{(11)} m_{102}^{(10)} m_{112}^{(21)} + 2m_{200}^{(11)} m_{102}^{(10)} m_{103}^{(11)} \\
& - m_{200}^{(11)} m_{102}^{(11)} m_{211}^{(22)} + 2m_{200}^{(11)} m_{102}^{(11)} m_{202}^{(21)} - 2m_{200}^{(11)} m_{102}^{(11)} m_{103}^{(10)} + m_{200}^{(11)} m_{102}^{(11)} m_{013}^{(00)} \\
& - 2m_{200}^{(11)} m_{102}^{(21)} m_{202}^{(11)} + 4m_{200}^{(11)} m_{102}^{(21)} m_{112}^{(10)} - 2m_{200}^{(11)} m_{102}^{(21)} m_{022}^{(00)} + m_{200}^{(11)} m_{102}^{(22)} m_{211}^{(11)} \\
& - 2m_{200}^{(11)} m_{102}^{(22)} m_{121}^{(10)} + m_{200}^{(11)} m_{102}^{(22)} m_{031}^{(00)} - m_{200}^{(11)} m_{021}^{(00)} m_{112}^{(22)} + m_{200}^{(11)} m_{021}^{(00)} m_{103}^{(21)} \\
& + m_{200}^{(11)} m_{021}^{(00)} m_{013}^{(20)} - m_{200}^{(11)} m_{021}^{(00)} m_{004}^{(10)} + m_{200}^{(11)} m_{021}^{(10)} m_{202}^{(22)} - 2m_{200}^{(11)} m_{021}^{(10)} m_{103}^{(20)} \\
& + m_{200}^{(11)} m_{021}^{(10)} m_{004}^{(00)} + m_{200}^{(11)} m_{021}^{(20)} m_{211}^{(22)} - 2m_{200}^{(11)} m_{021}^{(20)} m_{202}^{(21)} + 2m_{200}^{(11)} m_{021}^{(20)} m_{103}^{(10)} \\
& - m_{200}^{(11)} m_{021}^{(20)} m_{013}^{(00)} - m_{200}^{(11)} m_{021}^{(21)} m_{301}^{(22)} + 2m_{200}^{(11)} m_{021}^{(21)} m_{202}^{(20)} - m_{200}^{(11)} m_{021}^{(21)} m_{103}^{(00)} \\
& + m_{200}^{(11)} m_{021}^{(22)} m_{301}^{(21)} - m_{200}^{(11)} m_{021}^{(22)} m_{211}^{(20)} - m_{200}^{(11)} m_{021}^{(22)} m_{202}^{(10)} + m_{200}^{(11)} m_{021}^{(22)} m_{112}^{(00)} \\
& + m_{200}^{(11)} m_{012}^{(00)} m_{121}^{(22)} - m_{200}^{(11)} m_{012}^{(00)} m_{103}^{(11)} - 2m_{200}^{(11)} m_{012}^{(00)} m_{022}^{(20)} + 2m_{200}^{(11)} m_{012}^{(00)} m_{013}^{(10)} \\
& - 2m_{200}^{(11)} m_{012}^{(10)} m_{211}^{(22)} + 4m_{200}^{(11)} m_{012}^{(10)} m_{112}^{(20)} - 2m_{200}^{(11)} m_{012}^{(10)} m_{013}^{(00)} + m_{200}^{(11)} m_{012}^{(11)} m_{301}^{(22)} \\
& - 2m_{200}^{(11)} m_{012}^{(11)} m_{202}^{(20)} + m_{200}^{(11)} m_{012}^{(11)} m_{103}^{(00)} + 2m_{200}^{(11)} m_{012}^{(20)} m_{202}^{(11)} - 4m_{200}^{(11)} m_{012}^{(20)} m_{112}^{(10)} \\
& + 2m_{200}^{(11)} m_{012}^{(20)} m_{022}^{(00)} - m_{200}^{(11)} m_{012}^{(22)} m_{301}^{(11)} + 2m_{200}^{(11)} m_{012}^{(22)} m_{211}^{(10)} - m_{200}^{(11)} m_{012}^{(22)} m_{121}^{(00)} \\
& - m_{200}^{(11)} m_{003}^{(00)} m_{121}^{(21)} + m_{200}^{(11)} m_{003}^{(00)} m_{112}^{(11)} + m_{200}^{(11)} m_{003}^{(00)} m_{031}^{(20)} - m_{200}^{(11)} m_{003}^{(00)} m_{022}^{(10)} \\
& + 2m_{200}^{(11)} m_{003}^{(10)} m_{211}^{(21)} - m_{200}^{(11)} m_{003}^{(10)} m_{202}^{(11)} - 2m_{200}^{(11)} m_{003}^{(10)} m_{121}^{(20)} + m_{200}^{(11)} m_{003}^{(10)} m_{022}^{(00)} \\
& - m_{200}^{(11)} m_{003}^{(11)} m_{301}^{(21)} + m_{200}^{(11)} m_{003}^{(11)} m_{211}^{(20)} + m_{200}^{(11)} m_{003}^{(11)} m_{202}^{(10)} - m_{200}^{(11)} m_{003}^{(11)} m_{112}^{(00)} \\
& - m_{200}^{(11)} m_{003}^{(20)} m_{211}^{(11)} + 2m_{200}^{(11)} m_{003}^{(20)} m_{121}^{(10)} - m_{200}^{(11)} m_{003}^{(20)} m_{031}^{(00)} + m_{200}^{(11)} m_{003}^{(21)} m_{301}^{(11)} \\
& - 2m_{200}^{(11)} m_{003}^{(21)} m_{211}^{(10)} + m_{200}^{(11)} m_{003}^{(21)} m_{121}^{(00)} + m_{200}^{(21)} m_{210}^{(10)} m_{022}^{(22)} - 2m_{200}^{(21)} m_{210}^{(10)} m_{013}^{(21)} \\
& + m_{200}^{(21)} m_{210}^{(10)} m_{004}^{(11)} - m_{200}^{(21)} m_{210}^{(11)} m_{112}^{(22)} + m_{200}^{(21)} m_{210}^{(11)} m_{103}^{(21)} + m_{200}^{(21)} m_{210}^{(11)} m_{013}^{(20)} \\
& - m_{200}^{(21)} m_{210}^{(11)} m_{004}^{(10)} - m_{200}^{(21)} m_{210}^{(20)} m_{031}^{(22)} + 2m_{200}^{(21)} m_{210}^{(20)} m_{022}^{(21)} - m_{200}^{(21)} m_{210}^{(20)} m_{013}^{(11)} \\
& + m_{200}^{(21)} m_{210}^{(21)} m_{121}^{(22)} - m_{200}^{(21)} m_{210}^{(21)} m_{103}^{(11)} - 2m_{200}^{(21)} m_{210}^{(21)} m_{022}^{(20)} + 2m_{200}^{(21)} m_{210}^{(21)} m_{013}^{(10)} \\
& - m_{200}^{(21)} m_{210}^{(22)} m_{121}^{(21)} + m_{200}^{(21)} m_{210}^{(22)} m_{112}^{(11)} + m_{200}^{(21)} m_{210}^{(22)} m_{031}^{(20)} - m_{200}^{(21)} m_{210}^{(22)} m_{022}^{(10)} \\
& + m_{200}^{(21)} m_{201}^{(10)} m_{031}^{(22)} - 2m_{200}^{(21)} m_{201}^{(10)} m_{022}^{(21)} + m_{200}^{(21)} m_{201}^{(10)} m_{013}^{(11)} - m_{200}^{(21)} m_{201}^{(11)} m_{121}^{(22)} \\
& + m_{200}^{(21)} m_{201}^{(11)} m_{112}^{(21)} + m_{200}^{(21)} m_{201}^{(11)} m_{022}^{(20)} - m_{200}^{(21)} m_{201}^{(11)} m_{013}^{(10)} - m_{200}^{(21)} m_{201}^{(20)} m_{040}^{(22)} \\
& + 2m_{200}^{(21)} m_{201}^{(20)} m_{031}^{(21)} - m_{200}^{(21)} m_{201}^{(20)} m_{022}^{(11)} + m_{200}^{(21)} m_{201}^{(21)} m_{130}^{(22)} - m_{200}^{(21)} m_{201}^{(21)} m_{112}^{(11)} \\
& - 2m_{200}^{(21)} m_{201}^{(21)} m_{031}^{(20)} + 2m_{200}^{(21)} m_{201}^{(21)} m_{022}^{(10)} - m_{200}^{(21)} m_{201}^{(22)} m_{130}^{(21)} + m_{200}^{(21)} m_{201}^{(22)} m_{121}^{(11)} \\
& + m_{200}^{(21)} m_{201}^{(22)} m_{040}^{(20)} - m_{200}^{(21)} m_{201}^{(22)} m_{031}^{(10)} - m_{200}^{(21)} m_{120}^{(00)} m_{022}^{(22)} + 2m_{200}^{(21)} m_{120}^{(00)} m_{013}^{(21)} \\
& - m_{200}^{(21)} m_{120}^{(00)} m_{004}^{(11)} + m_{200}^{(21)} m_{120}^{(11)} m_{202}^{(22)} - 2m_{200}^{(21)} m_{120}^{(11)} m_{103}^{(20)} + m_{200}^{(21)} m_{120}^{(11)} m_{004}^{(00)} \\
& + 2m_{200}^{(21)} m_{120}^{(20)} m_{121}^{(22)} - 4m_{200}^{(21)} m_{120}^{(20)} m_{112}^{(21)} + 2m_{200}^{(21)} m_{120}^{(20)} m_{103}^{(11)} - 2m_{200}^{(21)} m_{120}^{(21)} m_{211}^{(22)} \\
& + 4m_{200}^{(21)} m_{120}^{(21)} m_{112}^{(20)} - 2m_{200}^{(21)} m_{120}^{(21)} m_{013}^{(00)} + 2m_{200}^{(21)} m_{120}^{(22)} m_{211}^{(21)} - m_{200}^{(21)} m_{120}^{(22)} m_{202}^{(11)}
\end{aligned}
$$

$$
\begin{aligned}
&-2m_{200}^{(21)}m_{120}^{(22)}m_{121}^{(20)} + m_{200}^{(21)}m_{120}^{(22)}m_{022}^{(00)} - 2m_{200}^{(21)}m_{111}^{(10)}m_{121}^{(22)} + 4m_{200}^{(21)}m_{111}^{(10)}m_{112}^{(21)}\\
&-2m_{200}^{(21)}m_{111}^{(10)}m_{103}^{(11)} + 2m_{200}^{(21)}m_{111}^{(11)}m_{211}^{(22)} - 2m_{200}^{(21)}m_{111}^{(11)}m_{202}^{(21)} - 2m_{200}^{(21)}m_{111}^{(11)}m_{112}^{(20)}\\
&+2m_{200}^{(21)}m_{111}^{(11)}m_{103}^{(10)} + 2m_{200}^{(21)}m_{111}^{(20)}m_{130}^{(22)} - 4m_{200}^{(21)}m_{111}^{(20)}m_{121}^{(21)} + 2m_{200}^{(21)}m_{111}^{(20)}m_{112}^{(11)}\\
&-2m_{200}^{(21)}m_{111}^{(21)}m_{220}^{(22)} + 2m_{200}^{(21)}m_{111}^{(21)}m_{202}^{(11)} + 4m_{200}^{(21)}m_{111}^{(21)}m_{121}^{(20)} - 4m_{200}^{(21)}m_{111}^{(21)}m_{112}^{(10)}\\
&+2m_{200}^{(21)}m_{111}^{(22)}m_{220}^{(21)} - 2m_{200}^{(21)}m_{111}^{(22)}m_{211}^{(11)} - 2m_{200}^{(21)}m_{111}^{(22)}m_{130}^{(20)} + 2m_{200}^{(21)}m_{111}^{(22)}m_{121}^{(10)}\\
&+m_{200}^{(21)}m_{102}^{(00)}m_{040}^{(22)} - 2m_{200}^{(21)}m_{102}^{(00)}m_{031}^{(21)} + m_{200}^{(21)}m_{102}^{(00)}m_{022}^{(11)} - 2m_{200}^{(21)}m_{102}^{(10)}m_{130}^{(22)}\\
&+4m_{200}^{(21)}m_{102}^{(10)}m_{121}^{(21)} - 2m_{200}^{(21)}m_{102}^{(10)}m_{112}^{(11)} + m_{200}^{(21)}m_{102}^{(11)}m_{220}^{(22)} - 2m_{200}^{(21)}m_{102}^{(11)}m_{211}^{(21)}\\
&+2m_{200}^{(21)}m_{102}^{(11)}m_{112}^{(10)} - m_{200}^{(21)}m_{102}^{(11)}m_{022}^{(00)} + 2m_{200}^{(21)}m_{102}^{(21)}m_{211}^{(11)} - 4m_{200}^{(21)}m_{102}^{(21)}m_{121}^{(10)}\\
&+2m_{200}^{(21)}m_{102}^{(21)}m_{031}^{(00)} - m_{200}^{(21)}m_{102}^{(22)}m_{220}^{(11)} + 2m_{200}^{(21)}m_{102}^{(22)}m_{130}^{(10)} - m_{200}^{(21)}m_{102}^{(22)}m_{040}^{(00)}\\
&+m_{200}^{(21)}m_{030}^{(00)}m_{112}^{(22)} - m_{200}^{(21)}m_{030}^{(00)}m_{103}^{(21)} - m_{200}^{(21)}m_{030}^{(00)}m_{013}^{(20)} + m_{200}^{(21)}m_{030}^{(00)}m_{004}^{(10)}\\
&-m_{200}^{(21)}m_{030}^{(10)}m_{202}^{(22)} + 2m_{200}^{(21)}m_{030}^{(10)}m_{103}^{(20)} - m_{200}^{(21)}m_{030}^{(10)}m_{004}^{(00)} - m_{200}^{(21)}m_{030}^{(20)}m_{211}^{(22)}\\
&+2m_{200}^{(21)}m_{030}^{(20)}m_{202}^{(21)} - 2m_{200}^{(21)}m_{030}^{(20)}m_{103}^{(10)} + m_{200}^{(21)}m_{030}^{(20)}m_{013}^{(00)} + m_{200}^{(21)}m_{030}^{(21)}m_{301}^{(22)}\\
&-2m_{200}^{(21)}m_{030}^{(21)}m_{202}^{(20)} + m_{200}^{(21)}m_{030}^{(21)}m_{103}^{(00)} - m_{200}^{(21)}m_{030}^{(22)}m_{301}^{(21)} + m_{200}^{(21)}m_{030}^{(22)}m_{211}^{(20)}\\
&+m_{200}^{(21)}m_{030}^{(22)}m_{202}^{(10)} - m_{200}^{(21)}m_{030}^{(22)}m_{112}^{(00)} - m_{200}^{(21)}m_{021}^{(00)}m_{112}^{(21)} + m_{200}^{(21)}m_{021}^{(00)}m_{103}^{(11)}\\
&+m_{200}^{(21)}m_{021}^{(00)}m_{022}^{(20)} - m_{200}^{(21)}m_{021}^{(00)}m_{013}^{(10)} + m_{200}^{(21)}m_{021}^{(10)}m_{211}^{(22)} - 2m_{200}^{(21)}m_{021}^{(10)}m_{112}^{(20)}\\
&+m_{200}^{(21)}m_{021}^{(10)}m_{013}^{(00)} - m_{200}^{(21)}m_{021}^{(11)}m_{301}^{(22)} + 2m_{200}^{(21)}m_{021}^{(11)}m_{202}^{(20)} - m_{200}^{(21)}m_{021}^{(11)}m_{103}^{(00)}\\
&-m_{200}^{(21)}m_{021}^{(20)}m_{220}^{(22)} + 2m_{200}^{(21)}m_{021}^{(20)}m_{211}^{(21)} - 2m_{200}^{(21)}m_{021}^{(20)}m_{202}^{(11)} + 2m_{200}^{(21)}m_{021}^{(20)}m_{112}^{(10)}\\
&-m_{200}^{(21)}m_{021}^{(20)}m_{022}^{(00)} + m_{200}^{(21)}m_{021}^{(21)}m_{310}^{(22)} - 2m_{200}^{(21)}m_{021}^{(21)}m_{211}^{(20)} + m_{200}^{(21)}m_{021}^{(21)}m_{112}^{(00)}\\
&-m_{200}^{(21)}m_{021}^{(22)}m_{310}^{(21)} + m_{200}^{(21)}m_{021}^{(22)}m_{301}^{(11)} + m_{200}^{(21)}m_{021}^{(22)}m_{220}^{(20)} - m_{200}^{(21)}m_{021}^{(22)}m_{211}^{(10)}\\
&-m_{200}^{(21)}m_{012}^{(00)}m_{130}^{(22)} + m_{200}^{(21)}m_{012}^{(00)}m_{121}^{(21)} + m_{200}^{(21)}m_{012}^{(00)}m_{031}^{(20)} - m_{200}^{(21)}m_{012}^{(00)}m_{022}^{(10)}\\
&+2m_{200}^{(21)}m_{012}^{(10)}m_{220}^{(22)} - 2m_{200}^{(21)}m_{012}^{(10)}m_{211}^{(21)} + m_{200}^{(21)}m_{012}^{(10)}m_{202}^{(11)} - 2m_{200}^{(21)}m_{012}^{(10)}m_{121}^{(20)}\\
&+m_{200}^{(21)}m_{012}^{(10)}m_{022}^{(00)} - m_{200}^{(21)}m_{012}^{(11)}m_{310}^{(22)} + m_{200}^{(21)}m_{012}^{(11)}m_{301}^{(21)} + m_{200}^{(21)}m_{012}^{(11)}m_{211}^{(20)}\\
&-m_{200}^{(21)}m_{012}^{(11)}m_{202}^{(10)} - m_{200}^{(21)}m_{012}^{(20)}m_{211}^{(11)} + 2m_{200}^{(21)}m_{012}^{(20)}m_{121}^{(10)} - m_{200}^{(21)}m_{012}^{(20)}m_{031}^{(00)}\\
&-m_{200}^{(21)}m_{012}^{(21)}m_{301}^{(11)} + 2m_{200}^{(21)}m_{012}^{(21)}m_{211}^{(10)} - m_{200}^{(21)}m_{012}^{(21)}m_{121}^{(00)} + m_{200}^{(21)}m_{012}^{(22)}m_{310}^{(11)}\\
&-2m_{200}^{(21)}m_{012}^{(22)}m_{220}^{(10)} + m_{200}^{(21)}m_{012}^{(22)}m_{130}^{(00)} + m_{200}^{(21)}m_{003}^{(00)}m_{130}^{(21)} - m_{200}^{(21)}m_{003}^{(00)}m_{121}^{(11)}\\
&-m_{200}^{(21)}m_{003}^{(00)}m_{040}^{(20)} + m_{200}^{(21)}m_{003}^{(00)}m_{031}^{(10)} - 2m_{200}^{(21)}m_{003}^{(10)}m_{220}^{(21)} + m_{200}^{(21)}m_{003}^{(10)}m_{211}^{(11)}\\
&+2m_{200}^{(21)}m_{003}^{(10)}m_{130}^{(20)} - m_{200}^{(21)}m_{003}^{(10)}m_{031}^{(00)} + m_{200}^{(21)}m_{003}^{(11)}m_{310}^{(21)} - m_{200}^{(21)}m_{003}^{(11)}m_{220}^{(20)}\\
&-m_{200}^{(21)}m_{003}^{(11)}m_{211}^{(10)} + m_{200}^{(21)}m_{003}^{(11)}m_{121}^{(00)} + m_{200}^{(21)}m_{003}^{(20)}m_{220}^{(11)} - 2m_{200}^{(21)}m_{003}^{(20)}m_{130}^{(10)}\\
&+m_{200}^{(21)}m_{003}^{(20)}m_{040}^{(00)} - m_{200}^{(21)}m_{003}^{(21)}m_{310}^{(11)} + 2m_{200}^{(21)}m_{003}^{(21)}m_{220}^{(10)} - m_{200}^{(21)}m_{003}^{(21)}m_{130}^{(00)}\\
&-m_{200}^{(22)}m_{210}^{(10)}m_{031}^{(22)} + 2m_{200}^{(22)}m_{210}^{(10)}m_{022}^{(21)} - m_{200}^{(22)}m_{210}^{(10)}m_{013}^{(11)} + m_{200}^{(22)}m_{210}^{(11)}m_{121}^{(22)}\\
&-m_{200}^{(22)}m_{210}^{(11)}m_{112}^{(21)} - m_{200}^{(22)}m_{210}^{(11)}m_{022}^{(20)} + m_{200}^{(22)}m_{210}^{(11)}m_{013}^{(10)} + m_{200}^{(22)}m_{210}^{(20)}m_{040}^{(22)}\\
&-2m_{200}^{(22)}m_{210}^{(20)}m_{031}^{(21)} + m_{200}^{(22)}m_{210}^{(20)}m_{022}^{(11)} - m_{200}^{(22)}m_{210}^{(21)}m_{130}^{(22)} + m_{200}^{(22)}m_{210}^{(21)}m_{112}^{(11)}\\
&+2m_{200}^{(22)}m_{210}^{(21)}m_{031}^{(20)} - 2m_{200}^{(22)}m_{210}^{(21)}m_{022}^{(10)} + m_{200}^{(22)}m_{210}^{(22)}m_{130}^{(21)} - m_{200}^{(22)}m_{210}^{(22)}m_{121}^{(11)}\\
&-m_{200}^{(22)}m_{210}^{(22)}m_{040}^{(20)} + m_{200}^{(22)}m_{210}^{(22)}m_{031}^{(10)} + m_{200}^{(22)}m_{120}^{(00)}m_{031}^{(22)} - 2m_{200}^{(22)}m_{120}^{(00)}m_{022}^{(21)}\\
&+m_{200}^{(22)}m_{120}^{(00)}m_{013}^{(11)} - m_{200}^{(22)}m_{120}^{(11)}m_{211}^{(22)} + 2m_{200}^{(22)}m_{120}^{(11)}m_{112}^{(20)} - m_{200}^{(22)}m_{120}^{(11)}m_{013}^{(00)}\\
&-2m_{200}^{(22)}m_{120}^{(20)}m_{130}^{(22)} + 4m_{200}^{(22)}m_{120}^{(20)}m_{121}^{(21)} - 2m_{200}^{(22)}m_{120}^{(20)}m_{112}^{(11)} + 2m_{200}^{(22)}m_{120}^{(21)}m_{220}^{(22)}\\
&-4m_{200}^{(22)}m_{120}^{(21)}m_{121}^{(20)} + 2m_{200}^{(22)}m_{120}^{(21)}m_{022}^{(00)} - 2m_{200}^{(22)}m_{120}^{(22)}m_{220}^{(21)} + m_{200}^{(22)}m_{120}^{(22)}m_{211}^{(11)}\\
&+2m_{200}^{(22)}m_{120}^{(22)}m_{130}^{(20)} - m_{200}^{(22)}m_{120}^{(22)}m_{031}^{(00)} - m_{200}^{(22)}m_{111}^{(00)}m_{040}^{(22)} + 2m_{200}^{(22)}m_{111}^{(00)}m_{031}^{(21)}
\end{aligned}
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\begin{aligned}
&-m_{200}^{(22)} m_{111}^{(00)} m_{022}^{(11)} + 2m_{200}^{(22)} m_{111}^{(10)} m_{130}^{(22)} - 4m_{200}^{(22)} m_{111}^{(10)} m_{121}^{(21)} + 2m_{200}^{(22)} m_{111}^{(10)} m_{112}^{(11)} \\
&-m_{200}^{(22)} m_{111}^{(11)} m_{220}^{(22)} + 2m_{200}^{(22)} m_{111}^{(11)} m_{211}^{(21)} - 2m_{200}^{(22)} m_{111}^{(11)} m_{112}^{(10)} + m_{200}^{(22)} m_{111}^{(11)} m_{022}^{(00)} \\
&-2m_{200}^{(22)} m_{111}^{(21)} m_{211}^{(11)} + 4m_{200}^{(22)} m_{111}^{(21)} m_{121}^{(10)} - 2m_{200}^{(22)} m_{111}^{(21)} m_{031}^{(00)} + m_{200}^{(22)} m_{111}^{(22)} m_{220}^{(11)} \\
&-2m_{200}^{(22)} m_{111}^{(22)} m_{130}^{(10)} + m_{200}^{(22)} m_{111}^{(22)} m_{040}^{(00)} - m_{200}^{(22)} m_{030}^{(00)} m_{121}^{(22)} + m_{200}^{(22)} m_{030}^{(00)} m_{112}^{(21)} \\
&+m_{200}^{(22)} m_{030}^{(00)} m_{022}^{(20)} - m_{200}^{(22)} m_{030}^{(00)} m_{013}^{(10)} + m_{200}^{(22)} m_{030}^{(10)} m_{211}^{(22)} - 2m_{200}^{(22)} m_{030}^{(10)} m_{112}^{(20)} \\
&+m_{200}^{(22)} m_{030}^{(10)} m_{013}^{(00)} + m_{200}^{(22)} m_{030}^{(20)} m_{220}^{(22)} - 2m_{200}^{(22)} m_{030}^{(20)} m_{211}^{(21)} + 2m_{200}^{(22)} m_{030}^{(20)} m_{112}^{(10)} \\
&-m_{200}^{(22)} m_{030}^{(20)} m_{022}^{(00)} - m_{200}^{(22)} m_{030}^{(21)} m_{310}^{(22)} + 2m_{200}^{(22)} m_{030}^{(21)} m_{211}^{(20)} - m_{200}^{(22)} m_{030}^{(21)} m_{112}^{(00)} \\
&+m_{200}^{(22)} m_{030}^{(22)} m_{310}^{(21)} - m_{200}^{(22)} m_{030}^{(22)} m_{220}^{(20)} - m_{200}^{(22)} m_{030}^{(22)} m_{211}^{(10)} + m_{200}^{(22)} m_{030}^{(22)} m_{121}^{(00)} \\
&+m_{200}^{(22)} m_{021}^{(00)} m_{130}^{(22)} - m_{200}^{(22)} m_{021}^{(00)} m_{112}^{(11)} - 2m_{200}^{(22)} m_{021}^{(00)} m_{031}^{(20)} + 2m_{200}^{(22)} m_{021}^{(00)} m_{022}^{(10)} \\
&-2m_{200}^{(22)} m_{021}^{(10)} m_{220}^{(22)} + 4m_{200}^{(22)} m_{021}^{(10)} m_{121}^{(20)} - 2m_{200}^{(22)} m_{021}^{(10)} m_{022}^{(00)} + m_{200}^{(22)} m_{021}^{(11)} m_{310}^{(22)} \\
&-2m_{200}^{(22)} m_{021}^{(11)} m_{211}^{(20)} + m_{200}^{(22)} m_{021}^{(11)} m_{112}^{(00)} + 2m_{200}^{(22)} m_{021}^{(20)} m_{211}^{(11)} - 4m_{200}^{(22)} m_{021}^{(20)} m_{121}^{(10)} \\
&+2m_{200}^{(22)} m_{021}^{(20)} m_{031}^{(00)} - m_{200}^{(22)} m_{021}^{(22)} m_{310}^{(11)} + 2m_{200}^{(22)} m_{021}^{(22)} m_{220}^{(10)} - m_{200}^{(22)} m_{021}^{(22)} m_{130}^{(00)} \\
&-m_{200}^{(22)} m_{012}^{(00)} m_{130}^{(21)} + m_{200}^{(22)} m_{012}^{(00)} m_{121}^{(11)} + m_{200}^{(22)} m_{012}^{(00)} m_{040}^{(20)} - m_{200}^{(22)} m_{012}^{(00)} m_{031}^{(10)} \\
&+2m_{200}^{(22)} m_{012}^{(10)} m_{220}^{(21)} - m_{200}^{(22)} m_{012}^{(10)} m_{211}^{(11)} - 2m_{200}^{(22)} m_{012}^{(10)} m_{130}^{(20)} + m_{200}^{(22)} m_{012}^{(10)} m_{031}^{(00)} \\
&-m_{200}^{(22)} m_{012}^{(11)} m_{310}^{(21)} + m_{200}^{(22)} m_{012}^{(11)} m_{220}^{(20)} + m_{200}^{(22)} m_{012}^{(11)} m_{211}^{(10)} - m_{200}^{(22)} m_{012}^{(11)} m_{121}^{(00)} \\
&-m_{200}^{(22)} m_{012}^{(20)} m_{220}^{(11)} + 2m_{200}^{(22)} m_{012}^{(20)} m_{130}^{(10)} - m_{200}^{(22)} m_{012}^{(20)} m_{040}^{(00)} + m_{200}^{(22)} m_{012}^{(21)} m_{310}^{(11)} \\
&-2m_{200}^{(22)} m_{012}^{(21)} m_{220}^{(10)} + m_{200}^{(22)} m_{012}^{(21)} m_{130}^{(00)} + 2m_{110}^{(10)} m_{201}^{(10)} m_{022}^{(22)} - 4m_{110}^{(10)} m_{201}^{(10)} m_{013}^{(21)} \\
&+2m_{110}^{(10)} m_{201}^{(10)} m_{004}^{(11)} - 2m_{110}^{(10)} m_{201}^{(11)} m_{112}^{(22)} + 2m_{110}^{(10)} m_{201}^{(11)} m_{103}^{(21)} + 2m_{110}^{(10)} m_{201}^{(11)} m_{013}^{(20)} \\
&-2m_{110}^{(10)} m_{201}^{(11)} m_{004}^{(10)} - 2m_{110}^{(10)} m_{201}^{(20)} m_{031}^{(22)} + 4m_{110}^{(10)} m_{201}^{(20)} m_{022}^{(21)} - 2m_{110}^{(10)} m_{201}^{(20)} m_{013}^{(11)} \\
&+2m_{110}^{(10)} m_{201}^{(21)} m_{121}^{(22)} - 2m_{110}^{(10)} m_{201}^{(21)} m_{103}^{(11)} - 4m_{110}^{(10)} m_{201}^{(21)} m_{022}^{(20)} + 4m_{110}^{(10)} m_{201}^{(21)} m_{013}^{(10)} \\
&-2m_{110}^{(10)} m_{201}^{(22)} m_{121}^{(21)} + 2m_{110}^{(10)} m_{201}^{(22)} m_{112}^{(11)} + 2m_{110}^{(10)} m_{201}^{(22)} m_{031}^{(20)} - 2m_{110}^{(10)} m_{201}^{(22)} m_{022}^{(10)} \\
&-2m_{110}^{(10)} m_{111}^{(00)} m_{022}^{(22)} + 4m_{110}^{(10)} m_{111}^{(00)} m_{013}^{(21)} - 2m_{110}^{(10)} m_{111}^{(00)} m_{004}^{(11)} + 2m_{110}^{(10)} m_{111}^{(11)} m_{202}^{(22)} \\
&-4m_{110}^{(10)} m_{111}^{(11)} m_{103}^{(20)} + 2m_{110}^{(10)} m_{111}^{(11)} m_{004}^{(00)} + 4m_{110}^{(10)} m_{111}^{(20)} m_{121}^{(22)} - 8m_{110}^{(10)} m_{111}^{(20)} m_{112}^{(21)} \\
&+4m_{110}^{(10)} m_{111}^{(20)} m_{103}^{(11)} - 4m_{110}^{(10)} m_{111}^{(21)} m_{211}^{(22)} + 8m_{110}^{(10)} m_{111}^{(21)} m_{112}^{(20)} - 4m_{110}^{(10)} m_{111}^{(21)} m_{013}^{(00)} \\
&+4m_{110}^{(10)} m_{111}^{(22)} m_{211}^{(21)} - 2m_{110}^{(10)} m_{111}^{(22)} m_{202}^{(11)} - 4m_{110}^{(10)} m_{111}^{(22)} m_{121}^{(20)} + 2m_{110}^{(10)} m_{111}^{(22)} m_{022}^{(00)} \\
&+2m_{110}^{(10)} m_{102}^{(00)} m_{031}^{(22)} - 4m_{110}^{(10)} m_{102}^{(00)} m_{022}^{(21)} + 2m_{110}^{(10)} m_{102}^{(00)} m_{013}^{(11)} - 4m_{110}^{(10)} m_{102}^{(10)} m_{121}^{(22)} \\
&+8m_{110}^{(10)} m_{102}^{(10)} m_{112}^{(21)} - 4m_{110}^{(10)} m_{102}^{(10)} m_{103}^{(11)} + 2m_{110}^{(10)} m_{102}^{(11)} m_{211}^{(22)} - 4m_{110}^{(10)} m_{102}^{(11)} m_{202}^{(21)} \\
&+4m_{110}^{(10)} m_{102}^{(11)} m_{103}^{(10)} - 2m_{110}^{(10)} m_{102}^{(11)} m_{013}^{(00)} + 4m_{110}^{(10)} m_{102}^{(21)} m_{202}^{(11)} - 8m_{110}^{(10)} m_{102}^{(21)} m_{112}^{(10)} \\
&+4m_{110}^{(10)} m_{102}^{(21)} m_{022}^{(00)} - 2m_{110}^{(10)} m_{102}^{(22)} m_{211}^{(11)} + 4m_{110}^{(10)} m_{102}^{(22)} m_{121}^{(10)} - 2m_{110}^{(10)} m_{102}^{(22)} m_{031}^{(00)} \\
&+2m_{110}^{(10)} m_{021}^{(00)} m_{112}^{(22)} - 2m_{110}^{(10)} m_{021}^{(00)} m_{103}^{(21)} - 2m_{110}^{(10)} m_{021}^{(00)} m_{013}^{(20)} + 2m_{110}^{(10)} m_{021}^{(00)} m_{004}^{(10)} \\
&-2m_{110}^{(10)} m_{021}^{(10)} m_{202}^{(22)} + 4m_{110}^{(10)} m_{021}^{(10)} m_{103}^{(20)} - 2m_{110}^{(10)} m_{021}^{(10)} m_{004}^{(00)} - 2m_{110}^{(10)} m_{021}^{(20)} m_{211}^{(22)} \\
&+4m_{110}^{(10)} m_{021}^{(20)} m_{202}^{(21)} - 4m_{110}^{(10)} m_{021}^{(20)} m_{103}^{(10)} + 2m_{110}^{(10)} m_{021}^{(20)} m_{013}^{(00)} + 2m_{110}^{(10)} m_{021}^{(21)} m_{301}^{(22)} \\
&-4m_{110}^{(10)} m_{021}^{(21)} m_{202}^{(20)} + 2m_{110}^{(10)} m_{021}^{(21)} m_{103}^{(00)} - 2m_{110}^{(10)} m_{021}^{(22)} m_{301}^{(21)} + 2m_{110}^{(10)} m_{021}^{(22)} m_{211}^{(20)} \\
&+2m_{110}^{(10)} m_{021}^{(22)} m_{202}^{(10)} - 2m_{110}^{(10)} m_{021}^{(22)} m_{112}^{(00)} - 2m_{110}^{(10)} m_{012}^{(00)} m_{121}^{(22)} + 2m_{110}^{(10)} m_{012}^{(00)} m_{103}^{(11)} \\
&+4m_{110}^{(10)} m_{012}^{(00)} m_{022}^{(20)} - 4m_{110}^{(10)} m_{012}^{(00)} m_{013}^{(10)} + 4m_{110}^{(10)} m_{012}^{(10)} m_{211}^{(22)} - 8m_{110}^{(10)} m_{012}^{(10)} m_{112}^{(20)} \\
&+4m_{110}^{(10)} m_{012}^{(10)} m_{013}^{(00)} - 2m_{110}^{(10)} m_{012}^{(11)} m_{301}^{(22)} + 4m_{110}^{(10)} m_{012}^{(11)} m_{202}^{(20)} - 2m_{110}^{(10)} m_{012}^{(11)} m_{103}^{(00)} \\
&-4m_{110}^{(10)} m_{012}^{(20)} m_{202}^{(11)} + 8m_{110}^{(10)} m_{012}^{(20)} m_{112}^{(10)} - 4m_{110}^{(10)} m_{012}^{(20)} m_{022}^{(00)} + 2m_{110}^{(10)} m_{012}^{(22)} m_{301}^{(11)} \\
&-4m_{110}^{(10)} m_{012}^{(22)} m_{211}^{(10)} + 2m_{110}^{(10)} m_{012}^{(22)} m_{121}^{(00)} + 2m_{110}^{(10)} m_{003}^{(00)} m_{121}^{(21)} - 2m_{110}^{(10)} m_{003}^{(00)} m_{112}^{(11)}
\end{aligned}
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\begin{aligned}
&-2m_{110}^{(10)}m_{003}^{(00)}m_{031}^{(20)}+2m_{110}^{(10)}m_{003}^{(00)}m_{022}^{(10)}-4m_{110}^{(10)}m_{003}^{(10)}m_{211}^{(21)}+2m_{110}^{(10)}m_{003}^{(10)}m_{202}^{(11)}\\
&+4m_{110}^{(10)}m_{003}^{(10)}m_{121}^{(20)}-2m_{110}^{(10)}m_{003}^{(10)}m_{022}^{(00)}+2m_{110}^{(10)}m_{003}^{(11)}m_{301}^{(21)}-2m_{110}^{(10)}m_{003}^{(11)}m_{211}^{(20)}\\
&-2m_{110}^{(10)}m_{003}^{(11)}m_{202}^{(10)}+2m_{110}^{(10)}m_{003}^{(11)}m_{112}^{(00)}+2m_{110}^{(10)}m_{003}^{(20)}m_{211}^{(11)}-4m_{110}^{(10)}m_{003}^{(20)}m_{121}^{(10)}\\
&+2m_{110}^{(10)}m_{003}^{(20)}m_{031}^{(00)}-2m_{110}^{(10)}m_{003}^{(21)}m_{301}^{(11)}+4m_{110}^{(10)}m_{003}^{(21)}m_{211}^{(10)}-2m_{110}^{(10)}m_{003}^{(21)}m_{121}^{(00)}\\
&-m_{110}^{(20)}m_{210}^{(10)}m_{022}^{(22)}+2m_{110}^{(20)}m_{210}^{(10)}m_{013}^{(21)}-m_{110}^{(20)}m_{210}^{(10)}m_{004}^{(11)}+m_{110}^{(20)}m_{210}^{(11)}m_{112}^{(22)}\\
&-m_{110}^{(20)}m_{210}^{(11)}m_{103}^{(21)}-m_{110}^{(20)}m_{210}^{(11)}m_{013}^{(20)}+m_{110}^{(20)}m_{210}^{(11)}m_{004}^{(10)}+m_{110}^{(20)}m_{210}^{(20)}m_{031}^{(22)}\\
&-2m_{110}^{(20)}m_{210}^{(20)}m_{022}^{(21)}+m_{110}^{(20)}m_{210}^{(20)}m_{013}^{(11)}-m_{110}^{(20)}m_{210}^{(21)}m_{121}^{(22)}+m_{110}^{(20)}m_{210}^{(21)}m_{103}^{(11)}\\
&+2m_{110}^{(20)}m_{210}^{(21)}m_{022}^{(20)}-2m_{110}^{(20)}m_{210}^{(21)}m_{013}^{(10)}+m_{110}^{(20)}m_{210}^{(22)}m_{121}^{(21)}-m_{110}^{(20)}m_{210}^{(22)}m_{112}^{(11)}\\
&-m_{110}^{(20)}m_{210}^{(22)}m_{031}^{(20)}+m_{110}^{(20)}m_{210}^{(22)}m_{022}^{(10)}-m_{110}^{(20)}m_{201}^{(10)}m_{031}^{(22)}+2m_{110}^{(20)}m_{201}^{(10)}m_{022}^{(21)}\\
&-m_{110}^{(20)}m_{201}^{(10)}m_{013}^{(11)}+m_{110}^{(20)}m_{201}^{(11)}m_{121}^{(22)}-m_{110}^{(20)}m_{201}^{(11)}m_{112}^{(21)}-m_{110}^{(20)}m_{201}^{(11)}m_{022}^{(20)}\\
&+m_{110}^{(20)}m_{201}^{(11)}m_{013}^{(10)}+m_{110}^{(20)}m_{201}^{(20)}m_{040}^{(22)}-2m_{110}^{(20)}m_{201}^{(20)}m_{031}^{(21)}+m_{110}^{(20)}m_{201}^{(20)}m_{022}^{(11)}\\
&-m_{110}^{(20)}m_{201}^{(21)}m_{130}^{(22)}+m_{110}^{(20)}m_{201}^{(21)}m_{112}^{(11)}+2m_{110}^{(20)}m_{201}^{(21)}m_{031}^{(20)}-2m_{110}^{(20)}m_{201}^{(21)}m_{022}^{(10)}\\
&+m_{110}^{(20)}m_{201}^{(22)}m_{130}^{(21)}-m_{110}^{(20)}m_{201}^{(22)}m_{121}^{(11)}-m_{110}^{(20)}m_{201}^{(22)}m_{040}^{(20)}+m_{110}^{(20)}m_{201}^{(22)}m_{031}^{(10)}\\
&+m_{110}^{(20)}m_{120}^{(00)}m_{022}^{(22)}-2m_{110}^{(20)}m_{120}^{(00)}m_{013}^{(21)}+m_{110}^{(20)}m_{120}^{(00)}m_{004}^{(11)}-m_{110}^{(20)}m_{120}^{(11)}m_{202}^{(22)}\\
&+2m_{110}^{(20)}m_{120}^{(11)}m_{103}^{(20)}-m_{110}^{(20)}m_{120}^{(11)}m_{004}^{(00)}-2m_{110}^{(20)}m_{120}^{(20)}m_{121}^{(22)}+4m_{110}^{(20)}m_{120}^{(20)}m_{112}^{(21)}\\
&-2m_{110}^{(20)}m_{120}^{(20)}m_{103}^{(11)}+2m_{110}^{(20)}m_{120}^{(21)}m_{211}^{(22)}-4m_{110}^{(20)}m_{120}^{(21)}m_{112}^{(20)}+2m_{110}^{(20)}m_{120}^{(21)}m_{013}^{(00)}\\
&-2m_{110}^{(20)}m_{120}^{(22)}m_{211}^{(21)}+m_{110}^{(20)}m_{120}^{(22)}m_{202}^{(11)}+2m_{110}^{(20)}m_{120}^{(22)}m_{121}^{(20)}-m_{110}^{(20)}m_{120}^{(22)}m_{022}^{(00)}\\
&+2m_{110}^{(20)}m_{111}^{(10)}m_{121}^{(22)}-4m_{110}^{(20)}m_{111}^{(10)}m_{112}^{(21)}+2m_{110}^{(20)}m_{111}^{(10)}m_{103}^{(11)}-2m_{110}^{(20)}m_{111}^{(11)}m_{211}^{(22)}\\
&+2m_{110}^{(20)}m_{111}^{(11)}m_{202}^{(21)}+2m_{110}^{(20)}m_{111}^{(11)}m_{112}^{(20)}-2m_{110}^{(20)}m_{111}^{(11)}m_{103}^{(10)}-2m_{110}^{(20)}m_{111}^{(20)}m_{130}^{(22)}\\
&+4m_{110}^{(20)}m_{111}^{(20)}m_{121}^{(21)}-2m_{110}^{(20)}m_{111}^{(20)}m_{112}^{(11)}+2m_{110}^{(20)}m_{111}^{(21)}m_{220}^{(22)}-2m_{110}^{(20)}m_{111}^{(21)}m_{202}^{(11)}\\
&-4m_{110}^{(20)}m_{111}^{(21)}m_{121}^{(20)}+4m_{110}^{(20)}m_{111}^{(21)}m_{112}^{(10)}-2m_{110}^{(20)}m_{111}^{(22)}m_{220}^{(21)}+2m_{110}^{(20)}m_{111}^{(22)}m_{211}^{(11)}\\
&+2m_{110}^{(20)}m_{111}^{(22)}m_{130}^{(20)}-2m_{110}^{(20)}m_{111}^{(22)}m_{121}^{(10)}-m_{110}^{(20)}m_{102}^{(00)}m_{040}^{(22)}+2m_{110}^{(20)}m_{102}^{(00)}m_{031}^{(21)}\\
&-m_{110}^{(20)}m_{102}^{(00)}m_{022}^{(11)}+2m_{110}^{(20)}m_{102}^{(10)}m_{130}^{(22)}-4m_{110}^{(20)}m_{102}^{(10)}m_{121}^{(21)}+2m_{110}^{(20)}m_{102}^{(10)}m_{112}^{(11)}\\
&-m_{110}^{(20)}m_{102}^{(11)}m_{220}^{(22)}+2m_{110}^{(20)}m_{102}^{(11)}m_{211}^{(21)}-2m_{110}^{(20)}m_{102}^{(11)}m_{112}^{(10)}+m_{110}^{(20)}m_{102}^{(11)}m_{022}^{(00)}\\
&-2m_{110}^{(20)}m_{102}^{(21)}m_{211}^{(11)}+4m_{110}^{(20)}m_{102}^{(21)}m_{121}^{(10)}-2m_{110}^{(20)}m_{102}^{(21)}m_{031}^{(00)}+m_{110}^{(20)}m_{102}^{(22)}m_{220}^{(11)}\\
&-2m_{110}^{(20)}m_{102}^{(22)}m_{130}^{(10)}+m_{110}^{(20)}m_{102}^{(22)}m_{040}^{(00)}-m_{110}^{(20)}m_{030}^{(00)}m_{112}^{(22)}+m_{110}^{(20)}m_{030}^{(00)}m_{103}^{(21)}\\
&+m_{110}^{(20)}m_{030}^{(00)}m_{013}^{(20)}-m_{110}^{(20)}m_{030}^{(00)}m_{004}^{(10)}+m_{110}^{(20)}m_{030}^{(10)}m_{202}^{(22)}-2m_{110}^{(20)}m_{030}^{(10)}m_{103}^{(20)}\\
&+m_{110}^{(20)}m_{030}^{(10)}m_{004}^{(00)}+m_{110}^{(20)}m_{030}^{(20)}m_{211}^{(22)}-2m_{110}^{(20)}m_{030}^{(20)}m_{202}^{(21)}+2m_{110}^{(20)}m_{030}^{(20)}m_{103}^{(10)}\\
&-m_{110}^{(20)}m_{030}^{(20)}m_{013}^{(00)}-m_{110}^{(20)}m_{030}^{(21)}m_{301}^{(22)}+2m_{110}^{(20)}m_{030}^{(21)}m_{202}^{(20)}-m_{110}^{(20)}m_{030}^{(21)}m_{103}^{(00)}\\
&+m_{110}^{(20)}m_{030}^{(22)}m_{301}^{(21)}-m_{110}^{(20)}m_{030}^{(22)}m_{211}^{(20)}-m_{110}^{(20)}m_{030}^{(22)}m_{202}^{(10)}+m_{110}^{(20)}m_{030}^{(22)}m_{112}^{(00)}\\
&+m_{110}^{(20)}m_{021}^{(00)}m_{112}^{(21)}-m_{110}^{(20)}m_{021}^{(00)}m_{103}^{(11)}-m_{110}^{(20)}m_{021}^{(00)}m_{022}^{(20)}+m_{110}^{(20)}m_{021}^{(00)}m_{013}^{(10)}\\
&-m_{110}^{(20)}m_{021}^{(10)}m_{211}^{(22)}+2m_{110}^{(20)}m_{021}^{(10)}m_{112}^{(20)}-m_{110}^{(20)}m_{021}^{(10)}m_{013}^{(00)}+m_{110}^{(20)}m_{021}^{(11)}m_{301}^{(22)}\\
&-2m_{110}^{(20)}m_{021}^{(11)}m_{202}^{(20)}+m_{110}^{(20)}m_{021}^{(11)}m_{103}^{(00)}+m_{110}^{(20)}m_{021}^{(20)}m_{220}^{(22)}-2m_{110}^{(20)}m_{021}^{(20)}m_{211}^{(21)}\\
&+2m_{110}^{(20)}m_{021}^{(20)}m_{202}^{(11)}-2m_{110}^{(20)}m_{021}^{(20)}m_{112}^{(10)}+m_{110}^{(20)}m_{021}^{(20)}m_{022}^{(00)}-m_{110}^{(20)}m_{021}^{(21)}m_{310}^{(22)}\\
&+2m_{110}^{(20)}m_{021}^{(21)}m_{211}^{(20)}-m_{110}^{(20)}m_{021}^{(21)}m_{112}^{(00)}+m_{110}^{(20)}m_{021}^{(22)}m_{310}^{(21)}-m_{110}^{(20)}m_{021}^{(22)}m_{301}^{(11)}\\
&-m_{110}^{(20)}m_{021}^{(22)}m_{220}^{(20)}+m_{110}^{(20)}m_{021}^{(22)}m_{211}^{(10)}+m_{110}^{(20)}m_{012}^{(00)}m_{130}^{(22)}-m_{110}^{(20)}m_{012}^{(00)}m_{121}^{(21)}\\
&-m_{110}^{(20)}m_{012}^{(00)}m_{031}^{(20)}+m_{110}^{(20)}m_{012}^{(00)}m_{022}^{(10)}-2m_{110}^{(20)}m_{012}^{(10)}m_{220}^{(22)}+2m_{110}^{(20)}m_{012}^{(10)}m_{211}^{(21)}\\
&-m_{110}^{(20)}m_{012}^{(10)}m_{202}^{(11)}+2m_{110}^{(20)}m_{012}^{(10)}m_{121}^{(20)}-m_{110}^{(20)}m_{012}^{(10)}m_{022}^{(00)}+m_{110}^{(20)}m_{012}^{(11)}m_{310}^{(22)}
\end{aligned}
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\begin{aligned}
&-m_{110}^{(20)}m_{012}^{(11)}m_{301}^{(21)} - m_{110}^{(20)}m_{012}^{(11)}m_{211}^{(20)} + m_{110}^{(20)}m_{012}^{(11)}m_{202}^{(10)} + m_{110}^{(20)}m_{012}^{(20)}m_{211}^{(11)}\\
&-2m_{110}^{(20)}m_{012}^{(20)}m_{121}^{(10)} + m_{110}^{(20)}m_{012}^{(20)}m_{031}^{(00)} + m_{110}^{(20)}m_{012}^{(21)}m_{301}^{(11)} - 2m_{110}^{(20)}m_{012}^{(21)}m_{211}^{(10)}\\
&+m_{110}^{(20)}m_{012}^{(21)}m_{121}^{(00)} - m_{110}^{(20)}m_{012}^{(22)}m_{310}^{(11)} + 2m_{110}^{(20)}m_{012}^{(22)}m_{220}^{(10)} - m_{110}^{(20)}m_{012}^{(22)}m_{130}^{(00)}\\
&-m_{110}^{(20)}m_{003}^{(00)}m_{130}^{(21)} + m_{110}^{(20)}m_{003}^{(00)}m_{121}^{(11)} + m_{110}^{(20)}m_{003}^{(00)}m_{040}^{(20)} - m_{110}^{(20)}m_{003}^{(00)}m_{031}^{(10)}\\
&+2m_{110}^{(20)}m_{003}^{(10)}m_{220}^{(21)} - m_{110}^{(20)}m_{003}^{(10)}m_{211}^{(11)} - 2m_{110}^{(20)}m_{003}^{(10)}m_{130}^{(20)} + m_{110}^{(20)}m_{003}^{(10)}m_{031}^{(00)}\\
&-m_{110}^{(20)}m_{003}^{(11)}m_{310}^{(21)} + m_{110}^{(20)}m_{003}^{(11)}m_{220}^{(20)} + m_{110}^{(20)}m_{003}^{(11)}m_{211}^{(10)} - m_{110}^{(20)}m_{003}^{(11)}m_{121}^{(00)}\\
&-m_{110}^{(20)}m_{003}^{(20)}m_{220}^{(11)} + 2m_{110}^{(20)}m_{003}^{(20)}m_{130}^{(10)} - m_{110}^{(20)}m_{003}^{(20)}m_{040}^{(00)} + m_{110}^{(20)}m_{003}^{(21)}m_{310}^{(11)}\\
&-2m_{110}^{(20)}m_{003}^{(21)}m_{220}^{(10)} + m_{110}^{(20)}m_{003}^{(21)}m_{130}^{(00)} - m_{110}^{(21)}m_{300}^{(10)}m_{022}^{(22)} + 2m_{110}^{(21)}m_{300}^{(10)}m_{013}^{(21)}\\
&-m_{110}^{(21)}m_{300}^{(10)}m_{004}^{(11)} + m_{110}^{(21)}m_{300}^{(11)}m_{112}^{(22)} - m_{110}^{(21)}m_{300}^{(11)}m_{103}^{(21)} - m_{110}^{(21)}m_{300}^{(11)}m_{013}^{(20)}\\
&+m_{110}^{(21)}m_{300}^{(11)}m_{004}^{(10)} + m_{110}^{(21)}m_{300}^{(20)}m_{031}^{(22)} - 2m_{110}^{(21)}m_{300}^{(20)}m_{022}^{(21)} + m_{110}^{(21)}m_{300}^{(20)}m_{013}^{(11)}\\
&-m_{110}^{(21)}m_{300}^{(21)}m_{121}^{(22)} + m_{110}^{(21)}m_{300}^{(21)}m_{103}^{(11)} + 2m_{110}^{(21)}m_{300}^{(21)}m_{022}^{(20)} - 2m_{110}^{(21)}m_{300}^{(21)}m_{013}^{(10)}\\
&+m_{110}^{(21)}m_{300}^{(22)}m_{121}^{(21)} - m_{110}^{(21)}m_{300}^{(22)}m_{112}^{(11)} - m_{110}^{(21)}m_{300}^{(22)}m_{031}^{(20)} + m_{110}^{(21)}m_{300}^{(22)}m_{022}^{(10)}\\
&+m_{110}^{(21)}m_{210}^{(00)}m_{022}^{(22)} - 2m_{110}^{(21)}m_{210}^{(00)}m_{013}^{(21)} + m_{110}^{(21)}m_{210}^{(00)}m_{004}^{(11)} - m_{110}^{(21)}m_{210}^{(11)}m_{202}^{(22)}\\
&+2m_{110}^{(21)}m_{210}^{(11)}m_{103}^{(20)} - m_{110}^{(21)}m_{210}^{(11)}m_{004}^{(00)} - 2m_{110}^{(21)}m_{210}^{(20)}m_{121}^{(22)} + 4m_{110}^{(21)}m_{210}^{(20)}m_{112}^{(21)}\\
&-2m_{110}^{(21)}m_{210}^{(20)}m_{103}^{(11)} + 2m_{110}^{(21)}m_{210}^{(21)}m_{211}^{(22)} - 4m_{110}^{(21)}m_{210}^{(21)}m_{112}^{(20)} + 2m_{110}^{(21)}m_{210}^{(21)}m_{013}^{(00)}\\
&-2m_{110}^{(21)}m_{210}^{(22)}m_{211}^{(21)} + m_{110}^{(21)}m_{210}^{(22)}m_{202}^{(11)} + 2m_{110}^{(21)}m_{210}^{(22)}m_{121}^{(20)} - m_{110}^{(21)}m_{210}^{(22)}m_{022}^{(00)}\\
&-m_{110}^{(21)}m_{201}^{(00)}m_{031}^{(22)} + 2m_{110}^{(21)}m_{201}^{(00)}m_{022}^{(21)} - m_{110}^{(21)}m_{201}^{(00)}m_{013}^{(11)} + m_{110}^{(21)}m_{201}^{(10)}m_{121}^{(22)}\\
&-2m_{110}^{(21)}m_{201}^{(10)}m_{112}^{(21)} + m_{110}^{(21)}m_{201}^{(10)}m_{103}^{(11)} + m_{110}^{(21)}m_{201}^{(11)}m_{202}^{(21)} - m_{110}^{(21)}m_{201}^{(11)}m_{112}^{(20)}\\
&-m_{110}^{(21)}m_{201}^{(11)}m_{103}^{(10)} + m_{110}^{(21)}m_{201}^{(11)}m_{013}^{(00)} + m_{110}^{(21)}m_{201}^{(20)}m_{130}^{(22)} - 2m_{110}^{(21)}m_{201}^{(20)}m_{121}^{(21)}\\
&+m_{110}^{(21)}m_{201}^{(20)}m_{112}^{(11)} - m_{110}^{(21)}m_{201}^{(21)}m_{220}^{(22)} - m_{110}^{(21)}m_{201}^{(21)}m_{202}^{(11)} + 2m_{110}^{(21)}m_{201}^{(21)}m_{121}^{(20)}\\
&+2m_{110}^{(21)}m_{201}^{(21)}m_{112}^{(10)} - 2m_{110}^{(21)}m_{201}^{(21)}m_{022}^{(00)} + m_{110}^{(21)}m_{201}^{(22)}m_{220}^{(21)} - m_{110}^{(21)}m_{201}^{(22)}m_{130}^{(20)}\\
&-m_{110}^{(21)}m_{201}^{(22)}m_{121}^{(10)} + m_{110}^{(21)}m_{201}^{(22)}m_{031}^{(00)} - m_{110}^{(21)}m_{120}^{(00)}m_{112}^{(22)} + m_{110}^{(21)}m_{120}^{(00)}m_{103}^{(21)}\\
&+m_{110}^{(21)}m_{120}^{(00)}m_{013}^{(20)} - m_{110}^{(21)}m_{120}^{(00)}m_{004}^{(10)} + m_{110}^{(21)}m_{120}^{(10)}m_{202}^{(22)} - 2m_{110}^{(21)}m_{120}^{(10)}m_{103}^{(20)}\\
&+m_{110}^{(21)}m_{120}^{(10)}m_{004}^{(00)} + m_{110}^{(21)}m_{120}^{(20)}m_{211}^{(22)} - 2m_{110}^{(21)}m_{120}^{(20)}m_{202}^{(21)} + 2m_{110}^{(21)}m_{120}^{(20)}m_{103}^{(10)}\\
&-m_{110}^{(21)}m_{120}^{(20)}m_{013}^{(00)} - m_{110}^{(21)}m_{120}^{(21)}m_{301}^{(22)} + 2m_{110}^{(21)}m_{120}^{(21)}m_{202}^{(20)} - m_{110}^{(21)}m_{120}^{(21)}m_{103}^{(00)}\\
&+m_{110}^{(21)}m_{120}^{(22)}m_{301}^{(21)} - m_{110}^{(21)}m_{120}^{(22)}m_{211}^{(20)} - m_{110}^{(21)}m_{120}^{(22)}m_{202}^{(10)} + m_{110}^{(21)}m_{120}^{(22)}m_{112}^{(00)}\\
&+2m_{110}^{(21)}m_{111}^{(00)}m_{121}^{(22)} - 2m_{110}^{(21)}m_{111}^{(00)}m_{112}^{(21)} - 2m_{110}^{(21)}m_{111}^{(00)}m_{022}^{(20)} + 2m_{110}^{(21)}m_{111}^{(00)}m_{013}^{(10)}\\
&-2m_{110}^{(21)}m_{111}^{(10)}m_{211}^{(22)} + 4m_{110}^{(21)}m_{111}^{(10)}m_{112}^{(20)} - 2m_{110}^{(21)}m_{111}^{(10)}m_{013}^{(00)} - 2m_{110}^{(21)}m_{111}^{(20)}m_{220}^{(22)}\\
&+4m_{110}^{(21)}m_{111}^{(20)}m_{211}^{(21)} - 4m_{110}^{(21)}m_{111}^{(20)}m_{112}^{(10)} + 2m_{110}^{(21)}m_{111}^{(20)}m_{022}^{(00)} + 2m_{110}^{(21)}m_{111}^{(21)}m_{310}^{(22)}\\
&-4m_{110}^{(21)}m_{111}^{(21)}m_{211}^{(20)} + 2m_{110}^{(21)}m_{111}^{(21)}m_{112}^{(00)} - 2m_{110}^{(21)}m_{111}^{(22)}m_{310}^{(21)} + 2m_{110}^{(21)}m_{111}^{(22)}m_{220}^{(20)}\\
&+2m_{110}^{(21)}m_{111}^{(22)}m_{211}^{(10)} - 2m_{110}^{(21)}m_{111}^{(22)}m_{121}^{(00)} - m_{110}^{(21)}m_{102}^{(00)}m_{130}^{(22)} + m_{110}^{(21)}m_{102}^{(00)}m_{121}^{(21)}\\
&+m_{110}^{(21)}m_{102}^{(00)}m_{031}^{(20)} - m_{110}^{(21)}m_{102}^{(00)}m_{022}^{(10)} + 2m_{110}^{(21)}m_{102}^{(10)}m_{220}^{(22)} - 2m_{110}^{(21)}m_{102}^{(10)}m_{211}^{(21)}\\
&+m_{110}^{(21)}m_{102}^{(10)}m_{202}^{(11)} - 2m_{110}^{(21)}m_{102}^{(10)}m_{121}^{(20)} + m_{110}^{(21)}m_{102}^{(10)}m_{022}^{(00)} - m_{110}^{(21)}m_{102}^{(11)}m_{310}^{(22)}\\
&+m_{110}^{(21)}m_{102}^{(11)}m_{301}^{(21)} + m_{110}^{(21)}m_{102}^{(11)}m_{211}^{(20)} - m_{110}^{(21)}m_{102}^{(11)}m_{202}^{(10)} - m_{110}^{(21)}m_{102}^{(20)}m_{211}^{(11)}\\
&+2m_{110}^{(21)}m_{102}^{(20)}m_{121}^{(10)} - m_{110}^{(21)}m_{102}^{(20)}m_{031}^{(00)} - m_{110}^{(21)}m_{102}^{(21)}m_{301}^{(11)} + 2m_{110}^{(21)}m_{102}^{(21)}m_{211}^{(10)}\\
&-m_{110}^{(21)}m_{102}^{(21)}m_{121}^{(00)} + m_{110}^{(21)}m_{102}^{(22)}m_{310}^{(11)} - 2m_{110}^{(21)}m_{102}^{(22)}m_{220}^{(10)} + m_{110}^{(21)}m_{102}^{(22)}m_{130}^{(00)}\\
&-m_{110}^{(21)}m_{021}^{(00)}m_{211}^{(22)} + m_{110}^{(21)}m_{021}^{(00)}m_{202}^{(21)} + m_{110}^{(21)}m_{021}^{(00)}m_{112}^{(20)} - m_{110}^{(21)}m_{021}^{(00)}m_{103}^{(10)}\\
&+m_{110}^{(21)}m_{021}^{(10)}m_{301}^{(22)} - 2m_{110}^{(21)}m_{021}^{(10)}m_{202}^{(20)} + m_{110}^{(21)}m_{021}^{(10)}m_{103}^{(00)} + m_{110}^{(21)}m_{021}^{(20)}m_{310}^{(22)}
\end{aligned}
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\begin{aligned}
&-2m_{110}^{(21)}m_{021}^{(20)}m_{301}^{(21)}+2m_{110}^{(21)}m_{021}^{(20)}m_{202}^{(10)}-m_{110}^{(21)}m_{021}^{(20)}m_{112}^{(00)}-m_{110}^{(21)}m_{021}^{(21)}m_{400}^{(22)}\\
&+2m_{110}^{(21)}m_{021}^{(21)}m_{301}^{(20)}-m_{110}^{(21)}m_{021}^{(21)}m_{202}^{(00)}+m_{110}^{(21)}m_{021}^{(22)}m_{400}^{(21)}-m_{110}^{(21)}m_{021}^{(22)}m_{310}^{(20)}\\
&-m_{110}^{(21)}m_{021}^{(22)}m_{301}^{(10)}+m_{110}^{(21)}m_{021}^{(22)}m_{211}^{(00)}+m_{110}^{(21)}m_{012}^{(00)}m_{220}^{(22)}-m_{110}^{(21)}m_{012}^{(00)}m_{202}^{(11)}\\
&-2m_{110}^{(21)}m_{012}^{(00)}m_{121}^{(20)}+2m_{110}^{(21)}m_{012}^{(00)}m_{112}^{(10)}-2m_{110}^{(21)}m_{012}^{(10)}m_{310}^{(22)}+4m_{110}^{(21)}m_{012}^{(10)}m_{211}^{(20)}\\
&-2m_{110}^{(21)}m_{012}^{(10)}m_{112}^{(00)}+m_{110}^{(21)}m_{012}^{(11)}m_{400}^{(22)}-2m_{110}^{(21)}m_{012}^{(11)}m_{301}^{(20)}+m_{110}^{(21)}m_{012}^{(11)}m_{202}^{(00)}\\
&+2m_{110}^{(21)}m_{012}^{(20)}m_{301}^{(11)}-4m_{110}^{(21)}m_{012}^{(20)}m_{211}^{(10)}+2m_{110}^{(21)}m_{012}^{(20)}m_{121}^{(00)}-m_{110}^{(21)}m_{012}^{(22)}m_{400}^{(11)}\\
&+2m_{110}^{(21)}m_{012}^{(22)}m_{310}^{(10)}-m_{110}^{(21)}m_{012}^{(22)}m_{220}^{(00)}-m_{110}^{(21)}m_{003}^{(00)}m_{220}^{(21)}+m_{110}^{(21)}m_{003}^{(00)}m_{211}^{(11)}\\
&+m_{110}^{(21)}m_{003}^{(00)}m_{130}^{(20)}-m_{110}^{(21)}m_{003}^{(00)}m_{121}^{(10)}+2m_{110}^{(21)}m_{003}^{(10)}m_{310}^{(21)}-m_{110}^{(21)}m_{003}^{(10)}m_{301}^{(11)}\\
&-2m_{110}^{(21)}m_{003}^{(10)}m_{220}^{(20)}+m_{110}^{(21)}m_{003}^{(10)}m_{121}^{(00)}-m_{110}^{(21)}m_{003}^{(11)}m_{400}^{(21)}+m_{110}^{(21)}m_{003}^{(11)}m_{310}^{(20)}\\
&+m_{110}^{(21)}m_{003}^{(11)}m_{301}^{(10)}-m_{110}^{(21)}m_{003}^{(11)}m_{211}^{(00)}-m_{110}^{(21)}m_{003}^{(20)}m_{310}^{(11)}+2m_{110}^{(21)}m_{003}^{(20)}m_{220}^{(10)}\\
&-m_{110}^{(21)}m_{003}^{(20)}m_{130}^{(00)}+m_{110}^{(21)}m_{003}^{(21)}m_{400}^{(11)}-2m_{110}^{(21)}m_{003}^{(21)}m_{310}^{(10)}+m_{110}^{(21)}m_{003}^{(21)}m_{220}^{(00)}\\
&+m_{110}^{(22)}m_{300}^{(10)}m_{031}^{(22)}-2m_{110}^{(22)}m_{300}^{(10)}m_{022}^{(21)}+m_{110}^{(22)}m_{300}^{(10)}m_{013}^{(11)}-m_{110}^{(22)}m_{300}^{(11)}m_{121}^{(22)}\\
&+m_{110}^{(22)}m_{300}^{(11)}m_{112}^{(21)}+m_{110}^{(22)}m_{300}^{(11)}m_{022}^{(20)}-m_{110}^{(22)}m_{300}^{(11)}m_{013}^{(10)}-m_{110}^{(22)}m_{300}^{(20)}m_{040}^{(22)}\\
&+2m_{110}^{(22)}m_{300}^{(20)}m_{031}^{(21)}-m_{110}^{(22)}m_{300}^{(20)}m_{022}^{(11)}+m_{110}^{(22)}m_{300}^{(21)}m_{130}^{(22)}-m_{110}^{(22)}m_{300}^{(21)}m_{112}^{(11)}\\
&-2m_{110}^{(22)}m_{300}^{(21)}m_{031}^{(20)}+2m_{110}^{(22)}m_{300}^{(21)}m_{022}^{(10)}-m_{110}^{(22)}m_{300}^{(22)}m_{130}^{(21)}+m_{110}^{(22)}m_{300}^{(22)}m_{121}^{(11)}\\
&+m_{110}^{(22)}m_{300}^{(22)}m_{040}^{(20)}-m_{110}^{(22)}m_{300}^{(22)}m_{031}^{(10)}-m_{110}^{(22)}m_{210}^{(00)}m_{031}^{(22)}+2m_{110}^{(22)}m_{210}^{(00)}m_{022}^{(21)}\\
&-m_{110}^{(22)}m_{210}^{(00)}m_{013}^{(11)}+m_{110}^{(22)}m_{210}^{(10)}m_{121}^{(22)}-2m_{110}^{(22)}m_{210}^{(10)}m_{112}^{(21)}+m_{110}^{(22)}m_{210}^{(10)}m_{103}^{(11)}\\
&+m_{110}^{(22)}m_{210}^{(11)}m_{202}^{(21)}-m_{110}^{(22)}m_{210}^{(11)}m_{112}^{(20)}-m_{110}^{(22)}m_{210}^{(11)}m_{103}^{(10)}+m_{110}^{(22)}m_{210}^{(11)}m_{013}^{(00)}\\
&+m_{110}^{(22)}m_{210}^{(20)}m_{130}^{(22)}-2m_{110}^{(22)}m_{210}^{(20)}m_{121}^{(21)}+m_{110}^{(22)}m_{210}^{(20)}m_{112}^{(11)}-m_{110}^{(22)}m_{210}^{(21)}m_{220}^{(22)}\\
&-m_{110}^{(22)}m_{210}^{(21)}m_{202}^{(11)}+2m_{110}^{(22)}m_{210}^{(21)}m_{121}^{(20)}+2m_{110}^{(22)}m_{210}^{(21)}m_{112}^{(10)}-2m_{110}^{(22)}m_{210}^{(21)}m_{022}^{(00)}\\
&+m_{110}^{(22)}m_{210}^{(22)}m_{220}^{(21)}-m_{110}^{(22)}m_{210}^{(22)}m_{130}^{(20)}-m_{110}^{(22)}m_{210}^{(22)}m_{121}^{(10)}+m_{110}^{(22)}m_{210}^{(22)}m_{031}^{(00)}\\
&+m_{110}^{(22)}m_{201}^{(00)}m_{040}^{(22)}-2m_{110}^{(22)}m_{201}^{(00)}m_{031}^{(21)}+m_{110}^{(22)}m_{201}^{(00)}m_{022}^{(11)}-2m_{110}^{(22)}m_{201}^{(10)}m_{130}^{(22)}\\
&+4m_{110}^{(22)}m_{201}^{(10)}m_{121}^{(21)}-2m_{110}^{(22)}m_{201}^{(10)}m_{112}^{(11)}+m_{110}^{(22)}m_{201}^{(11)}m_{220}^{(22)}-2m_{110}^{(22)}m_{201}^{(11)}m_{211}^{(21)}\\
&+2m_{110}^{(22)}m_{201}^{(11)}m_{112}^{(10)}-m_{110}^{(22)}m_{201}^{(11)}m_{022}^{(00)}+2m_{110}^{(22)}m_{201}^{(21)}m_{211}^{(11)}-4m_{110}^{(22)}m_{201}^{(21)}m_{121}^{(10)}\\
&+2m_{110}^{(22)}m_{201}^{(21)}m_{031}^{(00)}-m_{110}^{(22)}m_{201}^{(22)}m_{220}^{(11)}+2m_{110}^{(22)}m_{201}^{(22)}m_{130}^{(10)}-m_{110}^{(22)}m_{201}^{(22)}m_{040}^{(00)}\\
&+m_{110}^{(22)}m_{120}^{(00)}m_{112}^{(21)}-m_{110}^{(22)}m_{120}^{(00)}m_{103}^{(11)}-m_{110}^{(22)}m_{120}^{(00)}m_{022}^{(20)}+m_{110}^{(22)}m_{120}^{(00)}m_{013}^{(10)}\\
&-m_{110}^{(22)}m_{120}^{(10)}m_{211}^{(22)}+2m_{110}^{(22)}m_{120}^{(10)}m_{112}^{(20)}-m_{110}^{(22)}m_{120}^{(10)}m_{013}^{(00)}+m_{110}^{(22)}m_{120}^{(11)}m_{301}^{(22)}\\
&-2m_{110}^{(22)}m_{120}^{(11)}m_{202}^{(20)}+m_{110}^{(22)}m_{120}^{(11)}m_{103}^{(00)}+m_{110}^{(22)}m_{120}^{(20)}m_{220}^{(22)}-2m_{110}^{(22)}m_{120}^{(20)}m_{211}^{(21)}\\
&+2m_{110}^{(22)}m_{120}^{(20)}m_{202}^{(11)}-2m_{110}^{(22)}m_{120}^{(20)}m_{112}^{(10)}+m_{110}^{(22)}m_{120}^{(20)}m_{022}^{(00)}-m_{110}^{(22)}m_{120}^{(21)}m_{310}^{(22)}\\
&+2m_{110}^{(22)}m_{120}^{(21)}m_{211}^{(20)}-m_{110}^{(22)}m_{120}^{(21)}m_{112}^{(00)}+m_{110}^{(22)}m_{120}^{(22)}m_{310}^{(21)}-m_{110}^{(22)}m_{120}^{(22)}m_{301}^{(11)}\\
&-m_{110}^{(22)}m_{120}^{(22)}m_{220}^{(20)}+m_{110}^{(22)}m_{120}^{(22)}m_{211}^{(10)}-2m_{110}^{(22)}m_{111}^{(00)}m_{121}^{(21)}+2m_{110}^{(22)}m_{111}^{(00)}m_{112}^{(11)}\\
&+2m_{110}^{(22)}m_{111}^{(00)}m_{031}^{(20)}-2m_{110}^{(22)}m_{111}^{(00)}m_{022}^{(10)}+4m_{110}^{(22)}m_{111}^{(10)}m_{211}^{(21)}-2m_{110}^{(22)}m_{111}^{(10)}m_{202}^{(11)}\\
&-4m_{110}^{(22)}m_{111}^{(10)}m_{121}^{(20)}+2m_{110}^{(22)}m_{111}^{(10)}m_{022}^{(00)}-2m_{110}^{(22)}m_{111}^{(11)}m_{301}^{(21)}+2m_{110}^{(22)}m_{111}^{(11)}m_{211}^{(20)}\\
&+2m_{110}^{(22)}m_{111}^{(11)}m_{202}^{(10)}-2m_{110}^{(22)}m_{111}^{(11)}m_{112}^{(00)}-2m_{110}^{(22)}m_{111}^{(20)}m_{211}^{(11)}+4m_{110}^{(22)}m_{111}^{(20)}m_{121}^{(10)}\\
&-2m_{110}^{(22)}m_{111}^{(20)}m_{031}^{(00)}+2m_{110}^{(22)}m_{111}^{(21)}m_{301}^{(11)}-4m_{110}^{(22)}m_{111}^{(21)}m_{211}^{(10)}+2m_{110}^{(22)}m_{111}^{(21)}m_{121}^{(00)}\\
&+m_{110}^{(22)}m_{102}^{(00)}m_{130}^{(21)}-m_{110}^{(22)}m_{102}^{(00)}m_{121}^{(11)}-m_{110}^{(22)}m_{102}^{(00)}m_{040}^{(20)}+m_{110}^{(22)}m_{102}^{(00)}m_{031}^{(10)}\\
&-2m_{110}^{(22)}m_{102}^{(10)}m_{220}^{(21)}+m_{110}^{(22)}m_{102}^{(10)}m_{211}^{(11)}+2m_{110}^{(22)}m_{102}^{(10)}m_{130}^{(20)}-m_{110}^{(22)}m_{102}^{(10)}m_{031}^{(00)}\\
&+m_{110}^{(22)}m_{102}^{(11)}m_{310}^{(21)}-m_{110}^{(22)}m_{102}^{(11)}m_{220}^{(20)}-m_{110}^{(22)}m_{102}^{(11)}m_{211}^{(10)}+m_{110}^{(22)}m_{102}^{(11)}m_{121}^{(00)}
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\begin{aligned}
&+m_{110}^{(22)}m_{102}^{(20)}m_{220}^{(11)} - 2m_{110}^{(22)}m_{102}^{(20)}m_{130}^{(10)} + m_{110}^{(22)}m_{102}^{(20)}m_{040}^{(00)} - m_{110}^{(22)}m_{102}^{(21)}m_{310}^{(11)}\\
&+2m_{110}^{(22)}m_{102}^{(21)}m_{220}^{(10)} - m_{110}^{(22)}m_{102}^{(21)}m_{130}^{(00)} + m_{110}^{(22)}m_{030}^{(00)}m_{211}^{(22)} - m_{110}^{(22)}m_{030}^{(00)}m_{202}^{(21)}\\
&-m_{110}^{(22)}m_{030}^{(00)}m_{112}^{(20)} + m_{110}^{(22)}m_{030}^{(00)}m_{103}^{(10)} - m_{110}^{(22)}m_{030}^{(10)}m_{301}^{(22)} + 2m_{110}^{(22)}m_{030}^{(10)}m_{202}^{(20)}\\
&-m_{110}^{(22)}m_{030}^{(10)}m_{103}^{(00)} - m_{110}^{(22)}m_{030}^{(20)}m_{310}^{(22)} + 2m_{110}^{(22)}m_{030}^{(20)}m_{301}^{(21)} - 2m_{110}^{(22)}m_{030}^{(20)}m_{202}^{(10)}\\
&+m_{110}^{(22)}m_{030}^{(20)}m_{112}^{(00)} + m_{110}^{(22)}m_{030}^{(21)}m_{400}^{(22)} - 2m_{110}^{(22)}m_{030}^{(21)}m_{301}^{(20)} + m_{110}^{(22)}m_{030}^{(21)}m_{202}^{(00)}\\
&-m_{110}^{(22)}m_{030}^{(22)}m_{400}^{(21)} + m_{110}^{(22)}m_{030}^{(22)}m_{310}^{(20)} + m_{110}^{(22)}m_{030}^{(22)}m_{301}^{(10)} - m_{110}^{(22)}m_{030}^{(22)}m_{211}^{(00)}\\
&-m_{110}^{(22)}m_{021}^{(00)}m_{220}^{(22)} + m_{110}^{(22)}m_{021}^{(00)}m_{202}^{(11)} + 2m_{110}^{(22)}m_{021}^{(00)}m_{121}^{(20)} - 2m_{110}^{(22)}m_{021}^{(00)}m_{112}^{(10)}\\
&+2m_{110}^{(22)}m_{021}^{(10)}m_{310}^{(22)} - 4m_{110}^{(22)}m_{021}^{(10)}m_{211}^{(20)} + 2m_{110}^{(22)}m_{021}^{(10)}m_{112}^{(00)} - m_{110}^{(22)}m_{021}^{(11)}m_{400}^{(22)}\\
&+2m_{110}^{(22)}m_{021}^{(11)}m_{301}^{(20)} - m_{110}^{(22)}m_{021}^{(11)}m_{202}^{(00)} - 2m_{110}^{(22)}m_{021}^{(20)}m_{301}^{(11)} + 4m_{110}^{(22)}m_{021}^{(20)}m_{211}^{(10)}\\
&-2m_{110}^{(22)}m_{021}^{(20)}m_{121}^{(00)} + m_{110}^{(22)}m_{021}^{(22)}m_{400}^{(11)} - 2m_{110}^{(22)}m_{021}^{(22)}m_{310}^{(10)} + m_{110}^{(22)}m_{021}^{(22)}m_{220}^{(00)}\\
&+m_{110}^{(22)}m_{012}^{(00)}m_{220}^{(21)} - m_{110}^{(22)}m_{012}^{(00)}m_{211}^{(11)} - m_{110}^{(22)}m_{012}^{(00)}m_{130}^{(20)} + m_{110}^{(22)}m_{012}^{(00)}m_{121}^{(10)}\\
&-2m_{110}^{(22)}m_{012}^{(10)}m_{310}^{(21)} + m_{110}^{(22)}m_{012}^{(10)}m_{301}^{(11)} + 2m_{110}^{(22)}m_{012}^{(10)}m_{220}^{(20)} - m_{110}^{(22)}m_{012}^{(10)}m_{121}^{(00)}\\
&+m_{110}^{(22)}m_{012}^{(11)}m_{400}^{(21)} - m_{110}^{(22)}m_{012}^{(11)}m_{310}^{(20)} - m_{110}^{(22)}m_{012}^{(11)}m_{301}^{(10)} + m_{110}^{(22)}m_{012}^{(11)}m_{211}^{(00)}\\
&+m_{110}^{(22)}m_{012}^{(20)}m_{310}^{(11)} - 2m_{110}^{(22)}m_{012}^{(20)}m_{220}^{(10)} + m_{110}^{(22)}m_{012}^{(20)}m_{130}^{(00)} - m_{110}^{(22)}m_{012}^{(21)}m_{400}^{(11)}\\
&+2m_{110}^{(22)}m_{012}^{(21)}m_{310}^{(10)} - m_{110}^{(22)}m_{012}^{(21)}m_{220}^{(00)} - m_{101}^{(10)}m_{210}^{(10)}m_{022}^{(22)} + 2m_{101}^{(10)}m_{210}^{(10)}m_{013}^{(21)}\\
&-m_{101}^{(10)}m_{210}^{(10)}m_{004}^{(11)} + m_{101}^{(10)}m_{210}^{(11)}m_{112}^{(22)} - m_{101}^{(10)}m_{210}^{(11)}m_{103}^{(21)} - m_{101}^{(10)}m_{210}^{(11)}m_{013}^{(20)}\\
&+m_{101}^{(10)}m_{210}^{(11)}m_{004}^{(10)} + m_{101}^{(10)}m_{210}^{(20)}m_{031}^{(22)} - 2m_{101}^{(10)}m_{210}^{(20)}m_{022}^{(21)} + m_{101}^{(10)}m_{210}^{(20)}m_{013}^{(11)}\\
&-m_{101}^{(10)}m_{210}^{(21)}m_{121}^{(22)} + m_{101}^{(10)}m_{210}^{(21)}m_{103}^{(11)} + 2m_{101}^{(10)}m_{210}^{(21)}m_{022}^{(20)} - 2m_{101}^{(10)}m_{210}^{(21)}m_{013}^{(10)}\\
&+m_{101}^{(10)}m_{210}^{(22)}m_{121}^{(21)} - m_{101}^{(10)}m_{210}^{(22)}m_{112}^{(11)} - m_{101}^{(10)}m_{210}^{(22)}m_{031}^{(20)} + m_{101}^{(10)}m_{210}^{(22)}m_{022}^{(10)}\\
&-m_{101}^{(10)}m_{201}^{(10)}m_{031}^{(22)} + 2m_{101}^{(10)}m_{201}^{(10)}m_{022}^{(21)} - m_{101}^{(10)}m_{201}^{(10)}m_{013}^{(11)} + m_{101}^{(10)}m_{201}^{(11)}m_{121}^{(22)}\\
&-m_{101}^{(10)}m_{201}^{(11)}m_{112}^{(21)} - m_{101}^{(10)}m_{201}^{(11)}m_{022}^{(20)} + m_{101}^{(10)}m_{201}^{(11)}m_{013}^{(10)} + m_{101}^{(10)}m_{201}^{(20)}m_{040}^{(22)}\\
&-2m_{101}^{(10)}m_{201}^{(20)}m_{031}^{(21)} + m_{101}^{(10)}m_{201}^{(20)}m_{022}^{(11)} - m_{101}^{(10)}m_{201}^{(21)}m_{130}^{(22)} + m_{101}^{(10)}m_{201}^{(21)}m_{112}^{(11)}\\
&+2m_{101}^{(10)}m_{201}^{(21)}m_{031}^{(20)} - 2m_{101}^{(10)}m_{201}^{(21)}m_{022}^{(10)} + m_{101}^{(10)}m_{201}^{(22)}m_{130}^{(21)} - m_{101}^{(10)}m_{201}^{(22)}m_{121}^{(11)}\\
&-m_{101}^{(10)}m_{201}^{(22)}m_{040}^{(20)} + m_{101}^{(10)}m_{201}^{(22)}m_{031}^{(10)} + m_{101}^{(10)}m_{120}^{(00)}m_{022}^{(22)} - 2m_{101}^{(10)}m_{120}^{(00)}m_{013}^{(21)}\\
&+m_{101}^{(10)}m_{120}^{(00)}m_{004}^{(11)} - m_{101}^{(10)}m_{120}^{(11)}m_{202}^{(22)} + 2m_{101}^{(10)}m_{120}^{(11)}m_{103}^{(20)} - m_{101}^{(10)}m_{120}^{(11)}m_{004}^{(00)}\\
&-2m_{101}^{(10)}m_{120}^{(20)}m_{121}^{(22)} + 4m_{101}^{(10)}m_{120}^{(20)}m_{112}^{(21)} - 2m_{101}^{(10)}m_{120}^{(20)}m_{103}^{(11)} + 2m_{101}^{(10)}m_{120}^{(21)}m_{211}^{(22)}\\
&-4m_{101}^{(10)}m_{120}^{(21)}m_{112}^{(20)} + 2m_{101}^{(10)}m_{120}^{(21)}m_{013}^{(00)} - 2m_{101}^{(10)}m_{120}^{(22)}m_{211}^{(21)} + m_{101}^{(10)}m_{120}^{(22)}m_{202}^{(11)}\\
&+2m_{101}^{(10)}m_{120}^{(22)}m_{121}^{(20)} - m_{101}^{(10)}m_{120}^{(22)}m_{022}^{(00)} + 2m_{101}^{(10)}m_{111}^{(10)}m_{121}^{(22)} - 4m_{101}^{(10)}m_{111}^{(10)}m_{112}^{(21)}\\
&+2m_{101}^{(10)}m_{111}^{(10)}m_{103}^{(11)} - 2m_{101}^{(10)}m_{111}^{(11)}m_{211}^{(22)} + 2m_{101}^{(10)}m_{111}^{(11)}m_{202}^{(21)} + 2m_{101}^{(10)}m_{111}^{(11)}m_{112}^{(20)}\\
&-2m_{101}^{(10)}m_{111}^{(11)}m_{103}^{(10)} - 2m_{101}^{(10)}m_{111}^{(20)}m_{130}^{(22)} + 4m_{101}^{(10)}m_{111}^{(20)}m_{121}^{(21)} - 2m_{101}^{(10)}m_{111}^{(20)}m_{112}^{(11)}\\
&+2m_{101}^{(10)}m_{111}^{(21)}m_{220}^{(22)} - 2m_{101}^{(10)}m_{111}^{(21)}m_{202}^{(11)} - 4m_{101}^{(10)}m_{111}^{(21)}m_{121}^{(20)} + 4m_{101}^{(10)}m_{111}^{(21)}m_{112}^{(10)}\\
&-2m_{101}^{(10)}m_{111}^{(22)}m_{220}^{(21)} + 2m_{101}^{(10)}m_{111}^{(22)}m_{211}^{(11)} + 2m_{101}^{(10)}m_{111}^{(22)}m_{130}^{(20)} - 2m_{101}^{(10)}m_{111}^{(22)}m_{121}^{(10)}\\
&-m_{101}^{(10)}m_{102}^{(00)}m_{040}^{(22)} + 2m_{101}^{(10)}m_{102}^{(00)}m_{031}^{(21)} - m_{101}^{(10)}m_{102}^{(00)}m_{022}^{(11)} + 2m_{101}^{(10)}m_{102}^{(10)}m_{130}^{(22)}\\
&-4m_{101}^{(10)}m_{102}^{(10)}m_{121}^{(21)} + 2m_{101}^{(10)}m_{102}^{(10)}m_{112}^{(11)} - m_{101}^{(10)}m_{102}^{(11)}m_{220}^{(22)} + 2m_{101}^{(10)}m_{102}^{(11)}m_{211}^{(21)}\\
&-2m_{101}^{(10)}m_{102}^{(11)}m_{112}^{(10)} + m_{101}^{(10)}m_{102}^{(11)}m_{022}^{(00)} - 2m_{101}^{(10)}m_{102}^{(21)}m_{211}^{(11)} + 4m_{101}^{(10)}m_{102}^{(21)}m_{121}^{(10)}\\
&-2m_{101}^{(10)}m_{102}^{(21)}m_{031}^{(00)} + m_{101}^{(10)}m_{102}^{(22)}m_{220}^{(11)} - 2m_{101}^{(10)}m_{102}^{(22)}m_{130}^{(10)} + m_{101}^{(10)}m_{102}^{(22)}m_{040}^{(00)}\\
&-m_{101}^{(10)}m_{030}^{(00)}m_{112}^{(22)} + m_{101}^{(10)}m_{030}^{(00)}m_{103}^{(21)} + m_{101}^{(10)}m_{030}^{(00)}m_{013}^{(20)} - m_{101}^{(10)}m_{030}^{(00)}m_{004}^{(10)}\\
&+m_{101}^{(10)}m_{030}^{(10)}m_{202}^{(22)} - 2m_{101}^{(10)}m_{030}^{(10)}m_{103}^{(20)} + m_{101}^{(10)}m_{030}^{(10)}m_{004}^{(00)} + m_{101}^{(10)}m_{030}^{(20)}m_{211}^{(22)}
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\begin{aligned}
&-2m_{101}^{(10)}m_{030}^{(20)}m_{202}^{(21)} + 2m_{101}^{(10)}m_{030}^{(20)}m_{103}^{(10)} - m_{101}^{(10)}m_{030}^{(20)}m_{013}^{(00)} - m_{101}^{(10)}m_{030}^{(21)}m_{301}^{(22)}\\
&+2m_{101}^{(10)}m_{030}^{(21)}m_{202}^{(20)} - m_{101}^{(10)}m_{030}^{(21)}m_{103}^{(00)} + m_{101}^{(10)}m_{030}^{(22)}m_{301}^{(21)} - m_{101}^{(10)}m_{030}^{(22)}m_{211}^{(20)}\\
&-m_{101}^{(10)}m_{030}^{(22)}m_{202}^{(10)} + m_{101}^{(10)}m_{030}^{(22)}m_{112}^{(00)} + m_{101}^{(10)}m_{021}^{(00)}m_{112}^{(21)} - m_{101}^{(10)}m_{021}^{(00)}m_{103}^{(11)}\\
&-m_{101}^{(10)}m_{021}^{(00)}m_{022}^{(20)} + m_{101}^{(10)}m_{021}^{(00)}m_{013}^{(10)} - m_{101}^{(10)}m_{021}^{(10)}m_{211}^{(22)} + 2m_{101}^{(10)}m_{021}^{(10)}m_{112}^{(20)}\\
&-m_{101}^{(10)}m_{021}^{(10)}m_{013}^{(00)} + m_{101}^{(10)}m_{021}^{(11)}m_{301}^{(22)} - 2m_{101}^{(10)}m_{021}^{(11)}m_{202}^{(20)} + m_{101}^{(10)}m_{021}^{(11)}m_{103}^{(00)}\\
&+m_{101}^{(10)}m_{021}^{(20)}m_{220}^{(22)} - 2m_{101}^{(10)}m_{021}^{(20)}m_{211}^{(21)} + 2m_{101}^{(10)}m_{021}^{(20)}m_{202}^{(11)} - 2m_{101}^{(10)}m_{021}^{(20)}m_{112}^{(10)}\\
&+m_{101}^{(10)}m_{021}^{(20)}m_{022}^{(00)} - m_{101}^{(10)}m_{021}^{(21)}m_{310}^{(22)} + 2m_{101}^{(10)}m_{021}^{(21)}m_{211}^{(20)} - m_{101}^{(10)}m_{021}^{(21)}m_{112}^{(00)}\\
&+m_{101}^{(10)}m_{021}^{(22)}m_{310}^{(21)} - m_{101}^{(10)}m_{021}^{(22)}m_{301}^{(11)} - m_{101}^{(10)}m_{021}^{(22)}m_{220}^{(20)} + m_{101}^{(10)}m_{021}^{(22)}m_{211}^{(10)}\\
&+m_{101}^{(10)}m_{012}^{(00)}m_{130}^{(22)} - m_{101}^{(10)}m_{012}^{(00)}m_{121}^{(21)} - m_{101}^{(10)}m_{012}^{(00)}m_{031}^{(20)} + m_{101}^{(10)}m_{012}^{(00)}m_{022}^{(10)}\\
&-2m_{101}^{(10)}m_{012}^{(10)}m_{220}^{(22)} + 2m_{101}^{(10)}m_{012}^{(10)}m_{211}^{(21)} - m_{101}^{(10)}m_{012}^{(10)}m_{202}^{(11)} + 2m_{101}^{(10)}m_{012}^{(10)}m_{121}^{(20)}\\
&-m_{101}^{(10)}m_{012}^{(10)}m_{022}^{(00)} + m_{101}^{(10)}m_{012}^{(11)}m_{310}^{(22)} - m_{101}^{(10)}m_{012}^{(11)}m_{301}^{(21)} - m_{101}^{(10)}m_{012}^{(11)}m_{211}^{(20)}\\
&+m_{101}^{(10)}m_{012}^{(11)}m_{202}^{(10)} + m_{101}^{(10)}m_{012}^{(20)}m_{211}^{(11)} - 2m_{101}^{(10)}m_{012}^{(20)}m_{121}^{(10)} + m_{101}^{(10)}m_{012}^{(20)}m_{031}^{(00)}\\
&+m_{101}^{(10)}m_{012}^{(21)}m_{301}^{(11)} - 2m_{101}^{(10)}m_{012}^{(21)}m_{211}^{(10)} + m_{101}^{(10)}m_{012}^{(21)}m_{121}^{(00)} - m_{101}^{(10)}m_{012}^{(22)}m_{310}^{(11)}\\
&+2m_{101}^{(10)}m_{012}^{(22)}m_{220}^{(10)} - m_{101}^{(10)}m_{012}^{(22)}m_{130}^{(00)} - m_{101}^{(10)}m_{003}^{(00)}m_{130}^{(21)} + m_{101}^{(10)}m_{003}^{(00)}m_{121}^{(11)}\\
&+m_{101}^{(10)}m_{003}^{(00)}m_{040}^{(20)} - m_{101}^{(10)}m_{003}^{(00)}m_{031}^{(10)} + 2m_{101}^{(10)}m_{003}^{(10)}m_{220}^{(21)} - m_{101}^{(10)}m_{003}^{(10)}m_{211}^{(11)}\\
&-2m_{101}^{(10)}m_{003}^{(10)}m_{130}^{(20)} + m_{101}^{(10)}m_{003}^{(10)}m_{031}^{(00)} - m_{101}^{(10)}m_{003}^{(11)}m_{310}^{(21)} + m_{101}^{(10)}m_{003}^{(11)}m_{220}^{(20)}\\
&+m_{101}^{(10)}m_{003}^{(11)}m_{211}^{(10)} - m_{101}^{(10)}m_{003}^{(11)}m_{121}^{(00)} - m_{101}^{(10)}m_{003}^{(20)}m_{220}^{(11)} + 2m_{101}^{(10)}m_{003}^{(20)}m_{130}^{(10)}\\
&-m_{101}^{(10)}m_{003}^{(20)}m_{040}^{(00)} + m_{101}^{(10)}m_{003}^{(21)}m_{310}^{(11)} - 2m_{101}^{(10)}m_{003}^{(21)}m_{220}^{(10)} + m_{101}^{(10)}m_{003}^{(21)}m_{130}^{(00)}\\
&+m_{101}^{(11)}m_{300}^{(10)}m_{022}^{(22)} - 2m_{101}^{(11)}m_{300}^{(10)}m_{013}^{(21)} + m_{101}^{(11)}m_{300}^{(10)}m_{004}^{(11)} - m_{101}^{(11)}m_{300}^{(11)}m_{112}^{(22)}\\
&+m_{101}^{(11)}m_{300}^{(11)}m_{103}^{(21)} + m_{101}^{(11)}m_{300}^{(11)}m_{013}^{(20)} - m_{101}^{(11)}m_{300}^{(11)}m_{004}^{(10)} - m_{101}^{(11)}m_{300}^{(20)}m_{031}^{(22)}\\
&+2m_{101}^{(11)}m_{300}^{(20)}m_{022}^{(21)} - m_{101}^{(11)}m_{300}^{(20)}m_{013}^{(11)} + m_{101}^{(11)}m_{300}^{(21)}m_{121}^{(22)} - m_{101}^{(11)}m_{300}^{(21)}m_{103}^{(11)}\\
&-2m_{101}^{(11)}m_{300}^{(21)}m_{022}^{(20)} + 2m_{101}^{(11)}m_{300}^{(21)}m_{013}^{(10)} - m_{101}^{(11)}m_{300}^{(22)}m_{121}^{(21)} + m_{101}^{(11)}m_{300}^{(22)}m_{112}^{(11)}\\
&+m_{101}^{(11)}m_{300}^{(22)}m_{031}^{(20)} - m_{101}^{(11)}m_{300}^{(22)}m_{022}^{(10)} - m_{101}^{(11)}m_{210}^{(00)}m_{022}^{(22)} + 2m_{101}^{(11)}m_{210}^{(00)}m_{013}^{(21)}\\
&-m_{101}^{(11)}m_{210}^{(00)}m_{004}^{(11)} + m_{101}^{(11)}m_{210}^{(11)}m_{202}^{(22)} - 2m_{101}^{(11)}m_{210}^{(11)}m_{103}^{(20)} + m_{101}^{(11)}m_{210}^{(11)}m_{004}^{(00)}\\
&+2m_{101}^{(11)}m_{210}^{(20)}m_{121}^{(22)} - 4m_{101}^{(11)}m_{210}^{(20)}m_{112}^{(21)} + 2m_{101}^{(11)}m_{210}^{(20)}m_{103}^{(11)} - 2m_{101}^{(11)}m_{210}^{(21)}m_{211}^{(22)}\\
&+4m_{101}^{(11)}m_{210}^{(21)}m_{112}^{(20)} - 2m_{101}^{(11)}m_{210}^{(21)}m_{013}^{(00)} + 2m_{101}^{(11)}m_{210}^{(22)}m_{211}^{(21)} - m_{101}^{(11)}m_{210}^{(22)}m_{202}^{(11)}\\
&-2m_{101}^{(11)}m_{210}^{(22)}m_{121}^{(20)} + m_{101}^{(11)}m_{210}^{(22)}m_{022}^{(00)} + m_{101}^{(11)}m_{201}^{(00)}m_{031}^{(22)} - 2m_{101}^{(11)}m_{201}^{(00)}m_{022}^{(21)}\\
&+m_{101}^{(11)}m_{201}^{(00)}m_{013}^{(11)} - m_{101}^{(11)}m_{201}^{(10)}m_{121}^{(22)} + 2m_{101}^{(11)}m_{201}^{(10)}m_{112}^{(21)} - m_{101}^{(11)}m_{201}^{(10)}m_{103}^{(11)}\\
&-m_{101}^{(11)}m_{201}^{(11)}m_{202}^{(21)} + m_{101}^{(11)}m_{201}^{(11)}m_{112}^{(20)} + m_{101}^{(11)}m_{201}^{(11)}m_{103}^{(10)} - m_{101}^{(11)}m_{201}^{(11)}m_{013}^{(00)}\\
&-m_{101}^{(11)}m_{201}^{(20)}m_{130}^{(22)} + 2m_{101}^{(11)}m_{201}^{(20)}m_{121}^{(21)} - m_{101}^{(11)}m_{201}^{(20)}m_{112}^{(11)} + m_{101}^{(11)}m_{201}^{(21)}m_{220}^{(22)}\\
&+m_{101}^{(11)}m_{201}^{(21)}m_{202}^{(11)} - 2m_{101}^{(11)}m_{201}^{(21)}m_{121}^{(20)} - 2m_{101}^{(11)}m_{201}^{(21)}m_{112}^{(10)} + 2m_{101}^{(11)}m_{201}^{(21)}m_{022}^{(00)}\\
&-m_{101}^{(11)}m_{201}^{(22)}m_{220}^{(21)} + m_{101}^{(11)}m_{201}^{(22)}m_{130}^{(20)} + m_{101}^{(11)}m_{201}^{(22)}m_{121}^{(10)} - m_{101}^{(11)}m_{201}^{(22)}m_{031}^{(00)}\\
&+m_{101}^{(11)}m_{120}^{(00)}m_{112}^{(22)} - m_{101}^{(11)}m_{120}^{(00)}m_{103}^{(21)} - m_{101}^{(11)}m_{120}^{(00)}m_{013}^{(20)} + m_{101}^{(11)}m_{120}^{(00)}m_{004}^{(10)}\\
&-m_{101}^{(11)}m_{120}^{(10)}m_{202}^{(22)} + 2m_{101}^{(11)}m_{120}^{(10)}m_{103}^{(20)} - m_{101}^{(11)}m_{120}^{(10)}m_{004}^{(00)} - m_{101}^{(11)}m_{120}^{(20)}m_{211}^{(22)}\\
&+2m_{101}^{(11)}m_{120}^{(20)}m_{202}^{(21)} - 2m_{101}^{(11)}m_{120}^{(20)}m_{103}^{(10)} + m_{101}^{(11)}m_{120}^{(20)}m_{013}^{(00)} + m_{101}^{(11)}m_{120}^{(21)}m_{301}^{(22)}\\
&-2m_{101}^{(11)}m_{120}^{(21)}m_{202}^{(20)} + m_{101}^{(11)}m_{120}^{(21)}m_{103}^{(00)} - m_{101}^{(11)}m_{120}^{(22)}m_{301}^{(21)} + m_{101}^{(11)}m_{120}^{(22)}m_{211}^{(20)}\\
&+m_{101}^{(11)}m_{120}^{(22)}m_{202}^{(10)} - m_{101}^{(11)}m_{120}^{(22)}m_{112}^{(00)} - 2m_{101}^{(11)}m_{111}^{(00)}m_{121}^{(22)} + 2m_{101}^{(11)}m_{111}^{(00)}m_{112}^{(21)}\\
&+2m_{101}^{(11)}m_{111}^{(00)}m_{022}^{(20)} - 2m_{101}^{(11)}m_{111}^{(00)}m_{013}^{(10)} + 2m_{101}^{(11)}m_{111}^{(10)}m_{211}^{(22)} - 4m_{101}^{(11)}m_{111}^{(10)}m_{112}^{(20)}
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&+2m_{101}^{(11)}m_{111}^{(10)}m_{013}^{(00)} + 2m_{101}^{(11)}m_{111}^{(20)}m_{220}^{(22)} - 4m_{101}^{(11)}m_{111}^{(20)}m_{211}^{(21)} + 4m_{101}^{(11)}m_{111}^{(20)}m_{112}^{(10)}\\
&-2m_{101}^{(11)}m_{111}^{(20)}m_{022}^{(00)} - 2m_{101}^{(11)}m_{111}^{(21)}m_{310}^{(22)} + 4m_{101}^{(11)}m_{111}^{(21)}m_{211}^{(20)} - 2m_{101}^{(11)}m_{111}^{(21)}m_{112}^{(00)}\\
&+2m_{101}^{(11)}m_{111}^{(22)}m_{310}^{(21)} - 2m_{101}^{(11)}m_{111}^{(22)}m_{220}^{(20)} - 2m_{101}^{(11)}m_{111}^{(22)}m_{211}^{(10)} + 2m_{101}^{(11)}m_{111}^{(22)}m_{121}^{(00)}\\
&+m_{101}^{(11)}m_{102}^{(00)}m_{130}^{(22)} - m_{101}^{(11)}m_{102}^{(00)}m_{121}^{(21)} - m_{101}^{(11)}m_{102}^{(00)}m_{031}^{(20)} + m_{101}^{(11)}m_{102}^{(00)}m_{022}^{(10)}\\
&-2m_{101}^{(11)}m_{102}^{(10)}m_{220}^{(22)} + 2m_{101}^{(11)}m_{102}^{(10)}m_{211}^{(21)} - m_{101}^{(11)}m_{102}^{(10)}m_{202}^{(11)} + 2m_{101}^{(11)}m_{102}^{(10)}m_{121}^{(20)}\\
&-m_{101}^{(11)}m_{102}^{(10)}m_{022}^{(00)} + m_{101}^{(11)}m_{102}^{(11)}m_{310}^{(22)} - m_{101}^{(11)}m_{102}^{(11)}m_{301}^{(21)} - m_{101}^{(11)}m_{102}^{(11)}m_{211}^{(20)}\\
&+m_{101}^{(11)}m_{102}^{(11)}m_{202}^{(10)} + m_{101}^{(11)}m_{102}^{(20)}m_{211}^{(11)} - 2m_{101}^{(11)}m_{102}^{(20)}m_{121}^{(10)} + m_{101}^{(11)}m_{102}^{(20)}m_{031}^{(00)}\\
&+m_{101}^{(11)}m_{102}^{(21)}m_{301}^{(11)} - 2m_{101}^{(11)}m_{102}^{(21)}m_{211}^{(10)} + m_{101}^{(11)}m_{102}^{(21)}m_{121}^{(00)} - m_{101}^{(11)}m_{102}^{(22)}m_{310}^{(11)}\\
&+2m_{101}^{(11)}m_{102}^{(22)}m_{220}^{(10)} - m_{101}^{(11)}m_{102}^{(22)}m_{130}^{(00)} + m_{101}^{(11)}m_{021}^{(00)}m_{211}^{(22)} - m_{101}^{(11)}m_{021}^{(00)}m_{202}^{(21)}\\
&-m_{101}^{(11)}m_{021}^{(00)}m_{112}^{(20)} + m_{101}^{(11)}m_{021}^{(00)}m_{103}^{(10)} - m_{101}^{(11)}m_{021}^{(10)}m_{301}^{(22)} + 2m_{101}^{(11)}m_{021}^{(10)}m_{202}^{(20)}\\
&-m_{101}^{(11)}m_{021}^{(10)}m_{103}^{(00)} - m_{101}^{(11)}m_{021}^{(20)}m_{310}^{(22)} + 2m_{101}^{(11)}m_{021}^{(20)}m_{301}^{(21)} - 2m_{101}^{(11)}m_{021}^{(20)}m_{202}^{(10)}\\
&+m_{101}^{(11)}m_{021}^{(20)}m_{112}^{(00)} + m_{101}^{(11)}m_{021}^{(21)}m_{400}^{(22)} - 2m_{101}^{(11)}m_{021}^{(21)}m_{301}^{(20)} + m_{101}^{(11)}m_{021}^{(21)}m_{202}^{(00)}\\
&-m_{101}^{(11)}m_{021}^{(22)}m_{400}^{(21)} + m_{101}^{(11)}m_{021}^{(22)}m_{310}^{(20)} + m_{101}^{(11)}m_{021}^{(22)}m_{301}^{(10)} - m_{101}^{(11)}m_{021}^{(22)}m_{211}^{(00)}\\
&-m_{101}^{(11)}m_{012}^{(00)}m_{220}^{(22)} + m_{101}^{(11)}m_{012}^{(00)}m_{202}^{(11)} + 2m_{101}^{(11)}m_{012}^{(00)}m_{121}^{(20)} - 2m_{101}^{(11)}m_{012}^{(00)}m_{112}^{(10)}\\
&+2m_{101}^{(11)}m_{012}^{(10)}m_{310}^{(22)} - 4m_{101}^{(11)}m_{012}^{(10)}m_{211}^{(20)} + 2m_{101}^{(11)}m_{012}^{(10)}m_{112}^{(00)} - m_{101}^{(11)}m_{012}^{(11)}m_{400}^{(22)}\\
&+2m_{101}^{(11)}m_{012}^{(11)}m_{301}^{(20)} - m_{101}^{(11)}m_{012}^{(11)}m_{202}^{(00)} - 2m_{101}^{(11)}m_{012}^{(20)}m_{301}^{(11)} + 4m_{101}^{(11)}m_{012}^{(20)}m_{211}^{(10)}\\
&-2m_{101}^{(11)}m_{012}^{(20)}m_{121}^{(00)} + m_{101}^{(11)}m_{012}^{(22)}m_{400}^{(11)} - 2m_{101}^{(11)}m_{012}^{(22)}m_{310}^{(10)} + m_{101}^{(11)}m_{012}^{(22)}m_{220}^{(00)}\\
&+m_{101}^{(11)}m_{003}^{(00)}m_{220}^{(21)} - m_{101}^{(11)}m_{003}^{(00)}m_{211}^{(11)} - m_{101}^{(11)}m_{003}^{(00)}m_{130}^{(20)} + m_{101}^{(11)}m_{003}^{(00)}m_{121}^{(10)}\\
&-2m_{101}^{(11)}m_{003}^{(10)}m_{310}^{(21)} + m_{101}^{(11)}m_{003}^{(10)}m_{301}^{(11)} + 2m_{101}^{(11)}m_{003}^{(10)}m_{220}^{(20)} - m_{101}^{(11)}m_{003}^{(10)}m_{121}^{(00)}\\
&+m_{101}^{(11)}m_{003}^{(11)}m_{400}^{(21)} - m_{101}^{(11)}m_{003}^{(11)}m_{310}^{(20)} - m_{101}^{(11)}m_{003}^{(11)}m_{301}^{(10)} + m_{101}^{(11)}m_{003}^{(11)}m_{211}^{(00)}\\
&+m_{101}^{(11)}m_{003}^{(20)}m_{310}^{(11)} - 2m_{101}^{(11)}m_{003}^{(20)}m_{220}^{(10)} + m_{101}^{(11)}m_{003}^{(20)}m_{130}^{(00)} - m_{101}^{(11)}m_{003}^{(21)}m_{400}^{(11)}\\
&+2m_{101}^{(11)}m_{003}^{(21)}m_{310}^{(10)} - m_{101}^{(11)}m_{003}^{(21)}m_{220}^{(00)} + 2m_{101}^{(20)}m_{210}^{(10)}m_{031}^{(22)} - 4m_{101}^{(20)}m_{210}^{(10)}m_{022}^{(21)}\\
&+2m_{101}^{(20)}m_{210}^{(10)}m_{013}^{(11)} - 2m_{101}^{(20)}m_{210}^{(11)}m_{121}^{(22)} + 2m_{101}^{(20)}m_{210}^{(11)}m_{112}^{(21)} + 2m_{101}^{(20)}m_{210}^{(11)}m_{022}^{(20)}\\
&-2m_{101}^{(20)}m_{210}^{(11)}m_{013}^{(10)} - 2m_{101}^{(20)}m_{210}^{(20)}m_{040}^{(22)} + 4m_{101}^{(20)}m_{210}^{(20)}m_{031}^{(21)} - 2m_{101}^{(20)}m_{210}^{(20)}m_{022}^{(11)}\\
&+2m_{101}^{(20)}m_{210}^{(21)}m_{130}^{(22)} - 2m_{101}^{(20)}m_{210}^{(21)}m_{112}^{(11)} - 4m_{101}^{(20)}m_{210}^{(21)}m_{031}^{(20)} + 4m_{101}^{(20)}m_{210}^{(21)}m_{022}^{(10)}\\
&-2m_{101}^{(20)}m_{210}^{(22)}m_{130}^{(21)} + 2m_{101}^{(20)}m_{210}^{(22)}m_{121}^{(11)} + 2m_{101}^{(20)}m_{210}^{(22)}m_{040}^{(20)} - 2m_{101}^{(20)}m_{210}^{(22)}m_{031}^{(10)}\\
&-2m_{101}^{(20)}m_{120}^{(00)}m_{031}^{(22)} + 4m_{101}^{(20)}m_{120}^{(00)}m_{022}^{(21)} - 2m_{101}^{(20)}m_{120}^{(00)}m_{013}^{(11)} + 2m_{101}^{(20)}m_{120}^{(11)}m_{211}^{(22)}\\
&-4m_{101}^{(20)}m_{120}^{(11)}m_{112}^{(20)} + 2m_{101}^{(20)}m_{120}^{(11)}m_{013}^{(00)} + 4m_{101}^{(20)}m_{120}^{(20)}m_{130}^{(22)} - 8m_{101}^{(20)}m_{120}^{(20)}m_{121}^{(21)}\\
&+4m_{101}^{(20)}m_{120}^{(20)}m_{112}^{(11)} - 4m_{101}^{(20)}m_{120}^{(21)}m_{220}^{(22)} + 8m_{101}^{(20)}m_{120}^{(21)}m_{121}^{(20)} - 4m_{101}^{(20)}m_{120}^{(21)}m_{022}^{(00)}\\
&+4m_{101}^{(20)}m_{120}^{(22)}m_{220}^{(21)} - 2m_{101}^{(20)}m_{120}^{(22)}m_{211}^{(11)} - 4m_{101}^{(20)}m_{120}^{(22)}m_{130}^{(20)} + 2m_{101}^{(20)}m_{120}^{(22)}m_{031}^{(00)}\\
&+2m_{101}^{(20)}m_{111}^{(00)}m_{040}^{(22)} - 4m_{101}^{(20)}m_{111}^{(00)}m_{031}^{(21)} + 2m_{101}^{(20)}m_{111}^{(00)}m_{022}^{(11)} - 4m_{101}^{(20)}m_{111}^{(10)}m_{130}^{(22)}\\
&+8m_{101}^{(20)}m_{111}^{(10)}m_{121}^{(21)} - 4m_{101}^{(20)}m_{111}^{(10)}m_{112}^{(11)} + 2m_{101}^{(20)}m_{111}^{(11)}m_{220}^{(22)} - 4m_{101}^{(20)}m_{111}^{(11)}m_{211}^{(21)}\\
&+4m_{101}^{(20)}m_{111}^{(11)}m_{112}^{(10)} - 2m_{101}^{(20)}m_{111}^{(11)}m_{022}^{(00)} + 4m_{101}^{(20)}m_{111}^{(21)}m_{211}^{(11)} - 8m_{101}^{(20)}m_{111}^{(21)}m_{121}^{(10)}\\
&+4m_{101}^{(20)}m_{111}^{(21)}m_{031}^{(00)} - 2m_{101}^{(20)}m_{111}^{(22)}m_{220}^{(11)} + 4m_{101}^{(20)}m_{111}^{(22)}m_{130}^{(10)} - 2m_{101}^{(20)}m_{111}^{(22)}m_{040}^{(00)}\\
&+2m_{101}^{(20)}m_{030}^{(00)}m_{121}^{(22)} - 2m_{101}^{(20)}m_{030}^{(00)}m_{112}^{(21)} - 2m_{101}^{(20)}m_{030}^{(00)}m_{022}^{(20)} + 2m_{101}^{(20)}m_{030}^{(00)}m_{013}^{(10)}\\
&-2m_{101}^{(20)}m_{030}^{(10)}m_{211}^{(22)} + 4m_{101}^{(20)}m_{030}^{(10)}m_{112}^{(20)} - 2m_{101}^{(20)}m_{030}^{(10)}m_{013}^{(00)} - 2m_{101}^{(20)}m_{030}^{(20)}m_{220}^{(22)}\\
&+4m_{101}^{(20)}m_{030}^{(20)}m_{211}^{(21)} - 4m_{101}^{(20)}m_{030}^{(20)}m_{112}^{(10)} + 2m_{101}^{(20)}m_{030}^{(20)}m_{022}^{(00)} + 2m_{101}^{(20)}m_{030}^{(21)}m_{310}^{(22)}\\
&-4m_{101}^{(20)}m_{030}^{(21)}m_{211}^{(20)} + 2m_{101}^{(20)}m_{030}^{(21)}m_{112}^{(00)} - 2m_{101}^{(20)}m_{030}^{(22)}m_{310}^{(21)} + 2m_{101}^{(20)}m_{030}^{(22)}m_{220}^{(20)}
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&+2m_{101}^{(20)}m_{030}^{(22)}m_{211}^{(10)} - 2m_{101}^{(20)}m_{030}^{(22)}m_{121}^{(00)} - 2m_{101}^{(20)}m_{021}^{(00)}m_{130}^{(22)} + 2m_{101}^{(20)}m_{021}^{(00)}m_{112}^{(11)}\\
&+4m_{101}^{(20)}m_{021}^{(00)}m_{031}^{(20)} - 4m_{101}^{(20)}m_{021}^{(00)}m_{022}^{(10)} + 4m_{101}^{(20)}m_{021}^{(10)}m_{220}^{(22)} - 8m_{101}^{(20)}m_{021}^{(10)}m_{121}^{(20)}\\
&+4m_{101}^{(20)}m_{021}^{(10)}m_{022}^{(00)} - 2m_{101}^{(20)}m_{021}^{(11)}m_{310}^{(22)} + 4m_{101}^{(20)}m_{021}^{(11)}m_{211}^{(20)} - 2m_{101}^{(20)}m_{021}^{(11)}m_{112}^{(00)}\\
&-4m_{101}^{(20)}m_{021}^{(20)}m_{211}^{(11)} + 8m_{101}^{(20)}m_{021}^{(20)}m_{121}^{(10)} - 4m_{101}^{(20)}m_{021}^{(20)}m_{031}^{(00)} + 2m_{101}^{(20)}m_{021}^{(22)}m_{310}^{(11)}\\
&-4m_{101}^{(20)}m_{021}^{(22)}m_{220}^{(10)} + 2m_{101}^{(20)}m_{021}^{(22)}m_{130}^{(00)} + 2m_{101}^{(20)}m_{012}^{(00)}m_{130}^{(21)} - 2m_{101}^{(20)}m_{012}^{(00)}m_{121}^{(11)}\\
&-2m_{101}^{(20)}m_{012}^{(00)}m_{040}^{(20)} + 2m_{101}^{(20)}m_{012}^{(00)}m_{031}^{(10)} - 4m_{101}^{(20)}m_{012}^{(10)}m_{220}^{(21)} + 2m_{101}^{(20)}m_{012}^{(10)}m_{211}^{(11)}\\
&+4m_{101}^{(20)}m_{012}^{(10)}m_{130}^{(20)} - 2m_{101}^{(20)}m_{012}^{(10)}m_{031}^{(00)} + 2m_{101}^{(20)}m_{012}^{(11)}m_{310}^{(21)} - 2m_{101}^{(20)}m_{012}^{(11)}m_{220}^{(20)}\\
&-2m_{101}^{(20)}m_{012}^{(11)}m_{211}^{(10)} + 2m_{101}^{(20)}m_{012}^{(11)}m_{121}^{(00)} + 2m_{101}^{(20)}m_{012}^{(20)}m_{220}^{(11)} - 4m_{101}^{(20)}m_{012}^{(20)}m_{130}^{(10)}\\
&+2m_{101}^{(20)}m_{012}^{(20)}m_{040}^{(00)} - 2m_{101}^{(20)}m_{012}^{(21)}m_{310}^{(11)} + 4m_{101}^{(20)}m_{012}^{(21)}m_{220}^{(10)} - 2m_{101}^{(20)}m_{012}^{(21)}m_{130}^{(00)}\\
&-m_{101}^{(21)}m_{300}^{(10)}m_{031}^{(22)} + 2m_{101}^{(21)}m_{300}^{(10)}m_{022}^{(21)} - m_{101}^{(21)}m_{300}^{(10)}m_{013}^{(11)} + m_{101}^{(21)}m_{300}^{(11)}m_{121}^{(22)}\\
&-m_{101}^{(21)}m_{300}^{(11)}m_{112}^{(21)} - m_{101}^{(21)}m_{300}^{(11)}m_{022}^{(20)} + m_{101}^{(21)}m_{300}^{(11)}m_{013}^{(10)} + m_{101}^{(21)}m_{300}^{(20)}m_{040}^{(22)}\\
&-2m_{101}^{(21)}m_{300}^{(20)}m_{031}^{(21)} + m_{101}^{(21)}m_{300}^{(20)}m_{022}^{(11)} - m_{101}^{(21)}m_{300}^{(21)}m_{130}^{(22)} + m_{101}^{(21)}m_{300}^{(21)}m_{112}^{(11)}\\
&+2m_{101}^{(21)}m_{300}^{(21)}m_{031}^{(20)} - 2m_{101}^{(21)}m_{300}^{(21)}m_{022}^{(10)} + m_{101}^{(21)}m_{300}^{(22)}m_{130}^{(21)} - m_{101}^{(21)}m_{300}^{(22)}m_{121}^{(11)}\\
&-m_{101}^{(21)}m_{300}^{(22)}m_{040}^{(20)} + m_{101}^{(21)}m_{300}^{(22)}m_{031}^{(10)} + m_{101}^{(21)}m_{210}^{(00)}m_{031}^{(22)} - 2m_{101}^{(21)}m_{210}^{(00)}m_{022}^{(21)}\\
&+m_{101}^{(21)}m_{210}^{(00)}m_{013}^{(11)} - m_{101}^{(21)}m_{210}^{(10)}m_{121}^{(22)} + 2m_{101}^{(21)}m_{210}^{(10)}m_{112}^{(21)} - m_{101}^{(21)}m_{210}^{(10)}m_{103}^{(11)}\\
&-m_{101}^{(21)}m_{210}^{(11)}m_{202}^{(21)} + m_{101}^{(21)}m_{210}^{(11)}m_{112}^{(20)} + m_{101}^{(21)}m_{210}^{(11)}m_{103}^{(10)} - m_{101}^{(21)}m_{210}^{(11)}m_{013}^{(00)}\\
&-m_{101}^{(21)}m_{210}^{(20)}m_{130}^{(22)} + 2m_{101}^{(21)}m_{210}^{(20)}m_{121}^{(21)} - m_{101}^{(21)}m_{210}^{(20)}m_{112}^{(11)} + m_{101}^{(21)}m_{210}^{(21)}m_{220}^{(22)}\\
&+m_{101}^{(21)}m_{210}^{(21)}m_{202}^{(11)} - 2m_{101}^{(21)}m_{210}^{(21)}m_{121}^{(20)} - 2m_{101}^{(21)}m_{210}^{(21)}m_{112}^{(10)} + 2m_{101}^{(21)}m_{210}^{(21)}m_{022}^{(00)}\\
&-m_{101}^{(21)}m_{210}^{(22)}m_{220}^{(21)} + m_{101}^{(21)}m_{210}^{(22)}m_{130}^{(20)} + m_{101}^{(21)}m_{210}^{(22)}m_{121}^{(10)} - m_{101}^{(21)}m_{210}^{(22)}m_{031}^{(00)}\\
&-m_{101}^{(21)}m_{201}^{(00)}m_{040}^{(22)} + 2m_{101}^{(21)}m_{201}^{(00)}m_{031}^{(21)} - m_{101}^{(21)}m_{201}^{(00)}m_{022}^{(11)} + 2m_{101}^{(21)}m_{201}^{(10)}m_{130}^{(22)}\\
&-4m_{101}^{(21)}m_{201}^{(10)}m_{121}^{(21)} + 2m_{101}^{(21)}m_{201}^{(10)}m_{112}^{(11)} - m_{101}^{(21)}m_{201}^{(11)}m_{220}^{(22)} + 2m_{101}^{(21)}m_{201}^{(11)}m_{211}^{(21)}\\
&-2m_{101}^{(21)}m_{201}^{(11)}m_{112}^{(10)} + m_{101}^{(21)}m_{201}^{(11)}m_{022}^{(00)} - 2m_{101}^{(21)}m_{201}^{(21)}m_{211}^{(11)} + 4m_{101}^{(21)}m_{201}^{(21)}m_{121}^{(10)}\\
&-2m_{101}^{(21)}m_{201}^{(21)}m_{031}^{(00)} + m_{101}^{(21)}m_{201}^{(22)}m_{220}^{(11)} - 2m_{101}^{(21)}m_{201}^{(22)}m_{130}^{(10)} + m_{101}^{(21)}m_{201}^{(22)}m_{040}^{(00)}\\
&-m_{101}^{(21)}m_{120}^{(00)}m_{112}^{(21)} + m_{101}^{(21)}m_{120}^{(00)}m_{103}^{(11)} + m_{101}^{(21)}m_{120}^{(00)}m_{022}^{(20)} - m_{101}^{(21)}m_{120}^{(00)}m_{013}^{(10)}\\
&+m_{101}^{(21)}m_{120}^{(10)}m_{211}^{(22)} - 2m_{101}^{(21)}m_{120}^{(10)}m_{112}^{(20)} + m_{101}^{(21)}m_{120}^{(10)}m_{013}^{(00)} - m_{101}^{(21)}m_{120}^{(11)}m_{301}^{(22)}\\
&+2m_{101}^{(21)}m_{120}^{(11)}m_{202}^{(20)} - m_{101}^{(21)}m_{120}^{(11)}m_{103}^{(00)} - m_{101}^{(21)}m_{120}^{(20)}m_{220}^{(22)} + 2m_{101}^{(21)}m_{120}^{(20)}m_{211}^{(21)}\\
&-2m_{101}^{(21)}m_{120}^{(20)}m_{202}^{(11)} + 2m_{101}^{(21)}m_{120}^{(20)}m_{112}^{(10)} - m_{101}^{(21)}m_{120}^{(20)}m_{022}^{(00)} + m_{101}^{(21)}m_{120}^{(21)}m_{310}^{(22)}\\
&-2m_{101}^{(21)}m_{120}^{(21)}m_{211}^{(20)} + m_{101}^{(21)}m_{120}^{(21)}m_{112}^{(00)} - m_{101}^{(21)}m_{120}^{(22)}m_{310}^{(21)} + m_{101}^{(21)}m_{120}^{(22)}m_{301}^{(11)}\\
&+m_{101}^{(21)}m_{120}^{(22)}m_{220}^{(20)} - m_{101}^{(21)}m_{120}^{(22)}m_{211}^{(10)} + 2m_{101}^{(21)}m_{111}^{(00)}m_{121}^{(21)} - 2m_{101}^{(21)}m_{111}^{(00)}m_{112}^{(11)}\\
&-2m_{101}^{(21)}m_{111}^{(00)}m_{031}^{(20)} + 2m_{101}^{(21)}m_{111}^{(00)}m_{022}^{(10)} - 4m_{101}^{(21)}m_{111}^{(10)}m_{211}^{(21)} + 2m_{101}^{(21)}m_{111}^{(10)}m_{202}^{(11)}\\
&+4m_{101}^{(21)}m_{111}^{(10)}m_{121}^{(20)} - 2m_{101}^{(21)}m_{111}^{(10)}m_{022}^{(00)} + 2m_{101}^{(21)}m_{111}^{(11)}m_{301}^{(21)} - 2m_{101}^{(21)}m_{111}^{(11)}m_{211}^{(20)}\\
&-2m_{101}^{(21)}m_{111}^{(11)}m_{202}^{(10)} + 2m_{101}^{(21)}m_{111}^{(11)}m_{112}^{(00)} + 2m_{101}^{(21)}m_{111}^{(20)}m_{211}^{(11)} - 4m_{101}^{(21)}m_{111}^{(20)}m_{121}^{(10)}\\
&+2m_{101}^{(21)}m_{111}^{(20)}m_{031}^{(00)} - 2m_{101}^{(21)}m_{111}^{(21)}m_{301}^{(11)} + 4m_{101}^{(21)}m_{111}^{(21)}m_{211}^{(10)} - 2m_{101}^{(21)}m_{111}^{(21)}m_{121}^{(00)}\\
&-m_{101}^{(21)}m_{102}^{(00)}m_{130}^{(21)} + m_{101}^{(21)}m_{102}^{(00)}m_{121}^{(11)} + m_{101}^{(21)}m_{102}^{(00)}m_{040}^{(20)} - m_{101}^{(21)}m_{102}^{(00)}m_{031}^{(10)}\\
&+2m_{101}^{(21)}m_{102}^{(10)}m_{220}^{(21)} - m_{101}^{(21)}m_{102}^{(10)}m_{211}^{(11)} - 2m_{101}^{(21)}m_{102}^{(10)}m_{130}^{(20)} + m_{101}^{(21)}m_{102}^{(10)}m_{031}^{(00)}\\
&-m_{101}^{(21)}m_{102}^{(11)}m_{310}^{(21)} + m_{101}^{(21)}m_{102}^{(11)}m_{220}^{(20)} + m_{101}^{(21)}m_{102}^{(11)}m_{211}^{(10)} - m_{101}^{(21)}m_{102}^{(11)}m_{121}^{(00)}\\
&-m_{101}^{(21)}m_{102}^{(20)}m_{220}^{(11)} + 2m_{101}^{(21)}m_{102}^{(20)}m_{130}^{(10)} - m_{101}^{(21)}m_{102}^{(20)}m_{040}^{(00)} + m_{101}^{(21)}m_{102}^{(21)}m_{310}^{(11)}\\
&-2m_{101}^{(21)}m_{102}^{(21)}m_{220}^{(10)} + m_{101}^{(21)}m_{102}^{(21)}m_{130}^{(00)} - m_{101}^{(21)}m_{030}^{(00)}m_{211}^{(22)} + m_{101}^{(21)}m_{030}^{(00)}m_{202}^{(21)}
\end{aligned}
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\begin{aligned}
&+m_{101}^{(21)}m_{030}^{(00)}m_{112}^{(20)} - m_{101}^{(21)}m_{030}^{(00)}m_{103}^{(10)} + m_{101}^{(21)}m_{030}^{(10)}m_{301}^{(22)} - 2m_{101}^{(21)}m_{030}^{(10)}m_{202}^{(20)}\\
&+m_{101}^{(21)}m_{030}^{(10)}m_{103}^{(00)} + m_{101}^{(21)}m_{030}^{(20)}m_{310}^{(22)} - 2m_{101}^{(21)}m_{030}^{(20)}m_{301}^{(21)} + 2m_{101}^{(21)}m_{030}^{(20)}m_{202}^{(10)}\\
&-m_{101}^{(21)}m_{030}^{(20)}m_{112}^{(00)} - m_{101}^{(21)}m_{030}^{(21)}m_{400}^{(22)} + 2m_{101}^{(21)}m_{030}^{(21)}m_{301}^{(20)} - m_{101}^{(21)}m_{030}^{(21)}m_{202}^{(00)}\\
&+m_{101}^{(21)}m_{030}^{(22)}m_{400}^{(21)} - m_{101}^{(21)}m_{030}^{(22)}m_{310}^{(20)} - m_{101}^{(21)}m_{030}^{(22)}m_{301}^{(10)} + m_{101}^{(21)}m_{030}^{(22)}m_{211}^{(00)}\\
&+m_{101}^{(21)}m_{021}^{(00)}m_{220}^{(22)} - m_{101}^{(21)}m_{021}^{(00)}m_{202}^{(11)} - 2m_{101}^{(21)}m_{021}^{(00)}m_{121}^{(20)} + 2m_{101}^{(21)}m_{021}^{(00)}m_{112}^{(10)}\\
&-2m_{101}^{(21)}m_{021}^{(10)}m_{310}^{(22)} + 4m_{101}^{(21)}m_{021}^{(10)}m_{211}^{(20)} - 2m_{101}^{(21)}m_{021}^{(10)}m_{112}^{(00)} + m_{101}^{(21)}m_{021}^{(11)}m_{400}^{(22)}\\
&-2m_{101}^{(21)}m_{021}^{(11)}m_{301}^{(20)} + m_{101}^{(21)}m_{021}^{(11)}m_{202}^{(00)} + 2m_{101}^{(21)}m_{021}^{(20)}m_{301}^{(11)} - 4m_{101}^{(21)}m_{021}^{(20)}m_{211}^{(10)}\\
&+2m_{101}^{(21)}m_{021}^{(20)}m_{121}^{(00)} - m_{101}^{(21)}m_{021}^{(22)}m_{400}^{(11)} + 2m_{101}^{(21)}m_{021}^{(22)}m_{310}^{(10)} - m_{101}^{(21)}m_{021}^{(22)}m_{220}^{(00)}\\
&-m_{101}^{(21)}m_{012}^{(00)}m_{220}^{(21)} + m_{101}^{(21)}m_{012}^{(00)}m_{211}^{(11)} + m_{101}^{(21)}m_{012}^{(00)}m_{130}^{(20)} - m_{101}^{(21)}m_{012}^{(00)}m_{121}^{(10)}\\
&+2m_{101}^{(21)}m_{012}^{(10)}m_{310}^{(21)} - m_{101}^{(21)}m_{012}^{(10)}m_{301}^{(11)} - 2m_{101}^{(21)}m_{012}^{(10)}m_{220}^{(20)} + m_{101}^{(21)}m_{012}^{(10)}m_{121}^{(00)}\\
&-m_{101}^{(21)}m_{012}^{(11)}m_{400}^{(21)} + m_{101}^{(21)}m_{012}^{(11)}m_{310}^{(20)} + m_{101}^{(21)}m_{012}^{(11)}m_{301}^{(10)} - m_{101}^{(21)}m_{012}^{(11)}m_{211}^{(00)}\\
&-m_{101}^{(21)}m_{012}^{(20)}m_{310}^{(11)} + 2m_{101}^{(21)}m_{012}^{(20)}m_{220}^{(10)} - m_{101}^{(21)}m_{012}^{(20)}m_{130}^{(00)} + m_{101}^{(21)}m_{012}^{(21)}m_{400}^{(11)}\\
&-2m_{101}^{(21)}m_{012}^{(21)}m_{310}^{(10)} + m_{101}^{(21)}m_{012}^{(21)}m_{220}^{(00)} - m_{020}^{(00)}m_{201}^{(10)}m_{022}^{(22)} + 2m_{020}^{(00)}m_{201}^{(10)}m_{013}^{(21)}\\
&-m_{020}^{(00)}m_{201}^{(10)}m_{004}^{(11)} + m_{020}^{(00)}m_{201}^{(11)}m_{112}^{(22)} - m_{020}^{(00)}m_{201}^{(11)}m_{103}^{(21)} - m_{020}^{(00)}m_{201}^{(11)}m_{013}^{(20)}\\
&+m_{020}^{(00)}m_{201}^{(11)}m_{004}^{(10)} + m_{020}^{(00)}m_{201}^{(20)}m_{031}^{(22)} - 2m_{020}^{(00)}m_{201}^{(20)}m_{022}^{(21)} + m_{020}^{(00)}m_{201}^{(20)}m_{013}^{(11)}\\
&-m_{020}^{(00)}m_{201}^{(21)}m_{121}^{(22)} + m_{020}^{(00)}m_{201}^{(21)}m_{103}^{(11)} + 2m_{020}^{(00)}m_{201}^{(21)}m_{022}^{(20)} - 2m_{020}^{(00)}m_{201}^{(21)}m_{013}^{(10)}\\
&+m_{020}^{(00)}m_{201}^{(22)}m_{121}^{(21)} - m_{020}^{(00)}m_{201}^{(22)}m_{112}^{(11)} - m_{020}^{(00)}m_{201}^{(22)}m_{031}^{(20)} + m_{020}^{(00)}m_{201}^{(22)}m_{022}^{(10)}\\
&+m_{020}^{(00)}m_{111}^{(00)}m_{022}^{(22)} - 2m_{020}^{(00)}m_{111}^{(00)}m_{013}^{(21)} + m_{020}^{(00)}m_{111}^{(00)}m_{004}^{(11)} - m_{020}^{(00)}m_{111}^{(11)}m_{202}^{(22)}\\
&+2m_{020}^{(00)}m_{111}^{(11)}m_{103}^{(20)} - m_{020}^{(00)}m_{111}^{(11)}m_{004}^{(00)} - 2m_{020}^{(00)}m_{111}^{(20)}m_{121}^{(22)} + 4m_{020}^{(00)}m_{111}^{(20)}m_{112}^{(21)}\\
&-2m_{020}^{(00)}m_{111}^{(20)}m_{103}^{(11)} + 2m_{020}^{(00)}m_{111}^{(21)}m_{211}^{(22)} - 4m_{020}^{(00)}m_{111}^{(21)}m_{112}^{(20)} + 2m_{020}^{(00)}m_{111}^{(21)}m_{013}^{(00)}\\
&-2m_{020}^{(00)}m_{111}^{(22)}m_{211}^{(21)} + m_{020}^{(00)}m_{111}^{(22)}m_{202}^{(11)} + 2m_{020}^{(00)}m_{111}^{(22)}m_{121}^{(20)} - m_{020}^{(00)}m_{111}^{(22)}m_{022}^{(00)}\\
&-m_{020}^{(00)}m_{102}^{(00)}m_{031}^{(22)} + 2m_{020}^{(00)}m_{102}^{(00)}m_{022}^{(21)} - m_{020}^{(00)}m_{102}^{(00)}m_{013}^{(11)} + 2m_{020}^{(00)}m_{102}^{(10)}m_{121}^{(22)}\\
&-4m_{020}^{(00)}m_{102}^{(10)}m_{112}^{(21)} + 2m_{020}^{(00)}m_{102}^{(10)}m_{103}^{(11)} - m_{020}^{(00)}m_{102}^{(11)}m_{211}^{(22)} + 2m_{020}^{(00)}m_{102}^{(11)}m_{202}^{(21)}\\
&-2m_{020}^{(00)}m_{102}^{(11)}m_{103}^{(10)} + m_{020}^{(00)}m_{102}^{(11)}m_{013}^{(00)} - 2m_{020}^{(00)}m_{102}^{(21)}m_{202}^{(11)} + 4m_{020}^{(00)}m_{102}^{(21)}m_{112}^{(10)}\\
&-2m_{020}^{(00)}m_{102}^{(21)}m_{022}^{(00)} + m_{020}^{(00)}m_{102}^{(22)}m_{211}^{(11)} - 2m_{020}^{(00)}m_{102}^{(22)}m_{121}^{(10)} + m_{020}^{(00)}m_{102}^{(22)}m_{031}^{(00)}\\
&-m_{020}^{(00)}m_{021}^{(00)}m_{112}^{(22)} + m_{020}^{(00)}m_{021}^{(00)}m_{103}^{(21)} + m_{020}^{(00)}m_{021}^{(00)}m_{013}^{(20)} - m_{020}^{(00)}m_{021}^{(00)}m_{004}^{(10)}\\
&+m_{020}^{(00)}m_{021}^{(10)}m_{202}^{(22)} - 2m_{020}^{(00)}m_{021}^{(10)}m_{103}^{(20)} + m_{020}^{(00)}m_{021}^{(10)}m_{004}^{(00)} + m_{020}^{(00)}m_{021}^{(20)}m_{211}^{(22)}\\
&-2m_{020}^{(00)}m_{021}^{(20)}m_{202}^{(21)} + 2m_{020}^{(00)}m_{021}^{(20)}m_{103}^{(10)} - m_{020}^{(00)}m_{021}^{(20)}m_{013}^{(00)} - m_{020}^{(00)}m_{021}^{(21)}m_{301}^{(22)}\\
&+2m_{020}^{(00)}m_{021}^{(21)}m_{202}^{(20)} - m_{020}^{(00)}m_{021}^{(21)}m_{103}^{(00)} + m_{020}^{(00)}m_{021}^{(22)}m_{301}^{(21)} - m_{020}^{(00)}m_{021}^{(22)}m_{211}^{(20)}\\
&-m_{020}^{(00)}m_{021}^{(22)}m_{202}^{(10)} + m_{020}^{(00)}m_{021}^{(22)}m_{112}^{(00)} + m_{020}^{(00)}m_{012}^{(00)}m_{121}^{(22)} - m_{020}^{(00)}m_{012}^{(00)}m_{103}^{(11)}\\
&-2m_{020}^{(00)}m_{012}^{(00)}m_{022}^{(20)} + 2m_{020}^{(00)}m_{012}^{(00)}m_{013}^{(10)} - 2m_{020}^{(00)}m_{012}^{(10)}m_{211}^{(22)} + 4m_{020}^{(00)}m_{012}^{(10)}m_{112}^{(20)}\\
&-2m_{020}^{(00)}m_{012}^{(10)}m_{013}^{(00)} + m_{020}^{(00)}m_{012}^{(11)}m_{301}^{(22)} - 2m_{020}^{(00)}m_{012}^{(11)}m_{202}^{(20)} + m_{020}^{(00)}m_{012}^{(11)}m_{103}^{(00)}\\
&+2m_{020}^{(00)}m_{012}^{(20)}m_{202}^{(11)} - 4m_{020}^{(00)}m_{012}^{(20)}m_{112}^{(10)} + 2m_{020}^{(00)}m_{012}^{(20)}m_{022}^{(00)} - m_{020}^{(00)}m_{012}^{(22)}m_{301}^{(11)}\\
&+2m_{020}^{(00)}m_{012}^{(22)}m_{211}^{(10)} - m_{020}^{(00)}m_{012}^{(22)}m_{121}^{(00)} - m_{020}^{(00)}m_{003}^{(00)}m_{121}^{(21)} + m_{020}^{(00)}m_{003}^{(00)}m_{112}^{(11)}\\
&+m_{020}^{(00)}m_{003}^{(00)}m_{031}^{(20)} - m_{020}^{(00)}m_{003}^{(00)}m_{022}^{(10)} + 2m_{020}^{(00)}m_{003}^{(10)}m_{211}^{(21)} - m_{020}^{(00)}m_{003}^{(10)}m_{202}^{(11)}\\
&-2m_{020}^{(00)}m_{003}^{(10)}m_{121}^{(20)} + m_{020}^{(00)}m_{003}^{(10)}m_{022}^{(00)} - m_{020}^{(00)}m_{003}^{(11)}m_{301}^{(21)} + m_{020}^{(00)}m_{003}^{(11)}m_{211}^{(20)}\\
&+m_{020}^{(00)}m_{003}^{(11)}m_{202}^{(10)} - m_{020}^{(00)}m_{003}^{(11)}m_{112}^{(00)} - m_{020}^{(00)}m_{003}^{(20)}m_{211}^{(11)} + 2m_{020}^{(00)}m_{003}^{(20)}m_{121}^{(10)}\\
&-m_{020}^{(00)}m_{003}^{(20)}m_{031}^{(00)} + m_{020}^{(00)}m_{003}^{(21)}m_{301}^{(11)} - 2m_{020}^{(00)}m_{003}^{(21)}m_{211}^{(10)} + m_{020}^{(00)}m_{003}^{(21)}m_{121}^{(00)}
\end{aligned}
$$

$$+m_{020}^{(20)}m_{300}^{(10)}m_{022}^{(22)}-2m_{020}^{(20)}m_{300}^{(10)}m_{013}^{(21)}+m_{020}^{(20)}m_{300}^{(10)}m_{004}^{(11)}-m_{020}^{(20)}m_{300}^{(11)}m_{112}^{(22)}$$
$$+m_{020}^{(20)}m_{300}^{(11)}m_{103}^{(21)}+m_{020}^{(20)}m_{300}^{(11)}m_{013}^{(20)}-m_{020}^{(20)}m_{300}^{(11)}m_{004}^{(10)}-m_{020}^{(20)}m_{300}^{(20)}m_{031}^{(22)}$$
$$+2m_{020}^{(20)}m_{300}^{(20)}m_{022}^{(21)}-m_{020}^{(20)}m_{300}^{(20)}m_{013}^{(11)}+m_{020}^{(20)}m_{300}^{(21)}m_{121}^{(22)}-m_{020}^{(20)}m_{300}^{(21)}m_{103}^{(11)}$$
$$-2m_{020}^{(20)}m_{300}^{(21)}m_{022}^{(20)}+2m_{020}^{(20)}m_{300}^{(21)}m_{013}^{(10)}-m_{020}^{(20)}m_{300}^{(22)}m_{121}^{(21)}+m_{020}^{(20)}m_{300}^{(22)}m_{112}^{(11)}$$
$$+m_{020}^{(20)}m_{300}^{(22)}m_{031}^{(20)}-m_{020}^{(20)}m_{300}^{(22)}m_{022}^{(10)}-m_{020}^{(20)}m_{210}^{(00)}m_{022}^{(22)}+2m_{020}^{(20)}m_{210}^{(00)}m_{013}^{(21)}$$
$$-m_{020}^{(20)}m_{210}^{(00)}m_{004}^{(11)}+m_{020}^{(20)}m_{210}^{(11)}m_{202}^{(22)}-2m_{020}^{(20)}m_{210}^{(11)}m_{103}^{(20)}+m_{020}^{(20)}m_{210}^{(11)}m_{004}^{(00)}$$
$$+2m_{020}^{(20)}m_{210}^{(20)}m_{121}^{(22)}-4m_{020}^{(20)}m_{210}^{(20)}m_{112}^{(21)}+2m_{020}^{(20)}m_{210}^{(20)}m_{103}^{(11)}-2m_{020}^{(20)}m_{210}^{(21)}m_{211}^{(22)}$$
$$+4m_{020}^{(20)}m_{210}^{(21)}m_{112}^{(20)}-2m_{020}^{(20)}m_{210}^{(21)}m_{013}^{(00)}+2m_{020}^{(20)}m_{210}^{(22)}m_{211}^{(21)}-m_{020}^{(20)}m_{210}^{(22)}m_{202}^{(11)}$$
$$-2m_{020}^{(20)}m_{210}^{(22)}m_{121}^{(20)}+m_{020}^{(20)}m_{210}^{(22)}m_{022}^{(00)}+m_{020}^{(20)}m_{201}^{(00)}m_{031}^{(22)}-2m_{020}^{(20)}m_{201}^{(00)}m_{022}^{(21)}$$
$$+m_{020}^{(20)}m_{201}^{(00)}m_{013}^{(11)}-m_{020}^{(20)}m_{201}^{(10)}m_{121}^{(22)}+2m_{020}^{(20)}m_{201}^{(10)}m_{112}^{(21)}-m_{020}^{(20)}m_{201}^{(10)}m_{103}^{(11)}$$
$$-m_{020}^{(20)}m_{201}^{(11)}m_{202}^{(21)}+m_{020}^{(20)}m_{201}^{(11)}m_{112}^{(20)}+m_{020}^{(20)}m_{201}^{(11)}m_{103}^{(10)}-m_{020}^{(20)}m_{201}^{(11)}m_{013}^{(00)}$$
$$-m_{020}^{(20)}m_{201}^{(20)}m_{130}^{(22)}+2m_{020}^{(20)}m_{201}^{(20)}m_{121}^{(21)}-m_{020}^{(20)}m_{201}^{(20)}m_{112}^{(11)}+m_{020}^{(20)}m_{201}^{(21)}m_{220}^{(22)}$$
$$+m_{020}^{(20)}m_{201}^{(21)}m_{202}^{(11)}-2m_{020}^{(20)}m_{201}^{(21)}m_{121}^{(20)}-2m_{020}^{(20)}m_{201}^{(21)}m_{112}^{(10)}+2m_{020}^{(20)}m_{201}^{(21)}m_{022}^{(00)}$$
$$-m_{020}^{(20)}m_{201}^{(22)}m_{220}^{(21)}+m_{020}^{(20)}m_{201}^{(22)}m_{130}^{(20)}+m_{020}^{(20)}m_{201}^{(22)}m_{121}^{(10)}-m_{020}^{(20)}m_{201}^{(22)}m_{031}^{(00)}$$
$$+m_{020}^{(20)}m_{120}^{(00)}m_{112}^{(22)}-m_{020}^{(20)}m_{120}^{(00)}m_{103}^{(21)}-m_{020}^{(20)}m_{120}^{(00)}m_{013}^{(20)}+m_{020}^{(20)}m_{120}^{(00)}m_{004}^{(10)}$$
$$-m_{020}^{(20)}m_{120}^{(10)}m_{202}^{(22)}+2m_{020}^{(20)}m_{120}^{(10)}m_{103}^{(20)}-m_{020}^{(20)}m_{120}^{(10)}m_{004}^{(00)}-m_{020}^{(20)}m_{120}^{(20)}m_{211}^{(22)}$$
$$+2m_{020}^{(20)}m_{120}^{(20)}m_{202}^{(21)}-2m_{020}^{(20)}m_{120}^{(20)}m_{103}^{(10)}+m_{020}^{(20)}m_{120}^{(20)}m_{013}^{(00)}+m_{020}^{(20)}m_{120}^{(21)}m_{301}^{(22)}$$
$$-2m_{020}^{(20)}m_{120}^{(21)}m_{202}^{(20)}+m_{020}^{(20)}m_{120}^{(21)}m_{103}^{(00)}-m_{020}^{(20)}m_{120}^{(22)}m_{301}^{(21)}+m_{020}^{(20)}m_{120}^{(22)}m_{211}^{(20)}$$
$$+m_{020}^{(20)}m_{120}^{(22)}m_{202}^{(10)}-m_{020}^{(20)}m_{120}^{(22)}m_{112}^{(00)}-2m_{020}^{(20)}m_{111}^{(00)}m_{121}^{(22)}+2m_{020}^{(20)}m_{111}^{(00)}m_{112}^{(21)}$$
$$+2m_{020}^{(20)}m_{111}^{(00)}m_{022}^{(20)}-2m_{020}^{(20)}m_{111}^{(00)}m_{013}^{(10)}+2m_{020}^{(20)}m_{111}^{(10)}m_{211}^{(22)}-4m_{020}^{(20)}m_{111}^{(10)}m_{112}^{(20)}$$
$$+2m_{020}^{(20)}m_{111}^{(10)}m_{013}^{(00)}+2m_{020}^{(20)}m_{111}^{(20)}m_{220}^{(22)}-4m_{020}^{(20)}m_{111}^{(20)}m_{211}^{(21)}+4m_{020}^{(20)}m_{111}^{(20)}m_{112}^{(10)}$$
$$-2m_{020}^{(20)}m_{111}^{(20)}m_{022}^{(00)}-2m_{020}^{(20)}m_{111}^{(21)}m_{310}^{(22)}+4m_{020}^{(20)}m_{111}^{(21)}m_{211}^{(20)}-2m_{020}^{(20)}m_{111}^{(21)}m_{112}^{(00)}$$
$$+2m_{020}^{(20)}m_{111}^{(22)}m_{310}^{(21)}-2m_{020}^{(20)}m_{111}^{(22)}m_{220}^{(20)}-2m_{020}^{(20)}m_{111}^{(22)}m_{211}^{(10)}+2m_{020}^{(20)}m_{111}^{(22)}m_{121}^{(00)}$$
$$+m_{020}^{(20)}m_{102}^{(00)}m_{130}^{(22)}-m_{020}^{(20)}m_{102}^{(00)}m_{121}^{(21)}-m_{020}^{(20)}m_{102}^{(00)}m_{031}^{(20)}+m_{020}^{(20)}m_{102}^{(00)}m_{022}^{(10)}$$
$$-2m_{020}^{(20)}m_{102}^{(10)}m_{220}^{(22)}+2m_{020}^{(20)}m_{102}^{(10)}m_{211}^{(21)}-m_{020}^{(20)}m_{102}^{(10)}m_{202}^{(11)}+2m_{020}^{(20)}m_{102}^{(10)}m_{121}^{(20)}$$
$$-m_{020}^{(20)}m_{102}^{(10)}m_{022}^{(00)}+m_{020}^{(20)}m_{102}^{(11)}m_{310}^{(22)}-m_{020}^{(20)}m_{102}^{(11)}m_{301}^{(21)}-m_{020}^{(20)}m_{102}^{(11)}m_{211}^{(20)}$$
$$+m_{020}^{(20)}m_{102}^{(11)}m_{202}^{(10)}+m_{020}^{(20)}m_{102}^{(20)}m_{211}^{(11)}-2m_{020}^{(20)}m_{102}^{(20)}m_{121}^{(10)}+m_{020}^{(20)}m_{102}^{(20)}m_{031}^{(00)}$$
$$+m_{020}^{(20)}m_{102}^{(21)}m_{301}^{(11)}-2m_{020}^{(20)}m_{102}^{(21)}m_{211}^{(10)}+m_{020}^{(20)}m_{102}^{(21)}m_{121}^{(00)}-m_{020}^{(20)}m_{102}^{(22)}m_{310}^{(11)}$$
$$+2m_{020}^{(20)}m_{102}^{(22)}m_{220}^{(10)}-m_{020}^{(20)}m_{102}^{(22)}m_{130}^{(00)}+m_{020}^{(20)}m_{021}^{(00)}m_{211}^{(22)}-m_{020}^{(20)}m_{021}^{(00)}m_{202}^{(21)}$$
$$-m_{020}^{(20)}m_{021}^{(00)}m_{112}^{(20)}+m_{020}^{(20)}m_{021}^{(00)}m_{103}^{(10)}-m_{020}^{(20)}m_{021}^{(10)}m_{301}^{(22)}+2m_{020}^{(20)}m_{021}^{(10)}m_{202}^{(20)}$$
$$-m_{020}^{(20)}m_{021}^{(10)}m_{103}^{(00)}-m_{020}^{(20)}m_{021}^{(20)}m_{310}^{(22)}+2m_{020}^{(20)}m_{021}^{(20)}m_{301}^{(21)}-2m_{020}^{(20)}m_{021}^{(20)}m_{202}^{(10)}$$
$$+m_{020}^{(20)}m_{021}^{(20)}m_{112}^{(00)}+m_{020}^{(20)}m_{021}^{(21)}m_{400}^{(22)}-2m_{020}^{(20)}m_{021}^{(21)}m_{301}^{(20)}+m_{020}^{(20)}m_{021}^{(21)}m_{202}^{(00)}$$
$$-m_{020}^{(20)}m_{021}^{(22)}m_{400}^{(21)}+m_{020}^{(20)}m_{021}^{(22)}m_{310}^{(20)}+m_{020}^{(20)}m_{021}^{(22)}m_{301}^{(10)}-m_{020}^{(20)}m_{021}^{(22)}m_{211}^{(00)}$$
$$-m_{020}^{(20)}m_{012}^{(00)}m_{220}^{(22)}+m_{020}^{(20)}m_{012}^{(00)}m_{202}^{(11)}+2m_{020}^{(20)}m_{012}^{(00)}m_{121}^{(20)}-2m_{020}^{(20)}m_{012}^{(00)}m_{112}^{(10)}$$
$$+2m_{020}^{(20)}m_{012}^{(10)}m_{310}^{(22)}-4m_{020}^{(20)}m_{012}^{(10)}m_{211}^{(20)}+2m_{020}^{(20)}m_{012}^{(10)}m_{112}^{(00)}-m_{020}^{(20)}m_{012}^{(11)}m_{400}^{(22)}$$
$$+2m_{020}^{(20)}m_{012}^{(11)}m_{301}^{(20)}-m_{020}^{(20)}m_{012}^{(11)}m_{202}^{(00)}-2m_{020}^{(20)}m_{012}^{(20)}m_{301}^{(11)}+4m_{020}^{(20)}m_{012}^{(20)}m_{211}^{(10)}$$
$$-2m_{020}^{(20)}m_{012}^{(20)}m_{121}^{(00)}+m_{020}^{(20)}m_{012}^{(22)}m_{400}^{(11)}-2m_{020}^{(20)}m_{012}^{(22)}m_{310}^{(10)}+m_{020}^{(20)}m_{012}^{(22)}m_{220}^{(00)}$$
$$+m_{020}^{(20)}m_{003}^{(00)}m_{220}^{(21)}-m_{020}^{(20)}m_{003}^{(00)}m_{211}^{(11)}-m_{020}^{(20)}m_{003}^{(00)}m_{130}^{(20)}+m_{020}^{(20)}m_{003}^{(00)}m_{121}^{(10)}$$

$$
\begin{aligned}
&-2m_{020}^{(20)}m_{003}^{(10)}m_{310}^{(21)}+m_{020}^{(20)}m_{003}^{(10)}m_{301}^{(11)}+2m_{020}^{(20)}m_{003}^{(10)}m_{220}^{(20)}-m_{020}^{(20)}m_{003}^{(10)}m_{121}^{(00)}\\
&+m_{020}^{(20)}m_{003}^{(11)}m_{400}^{(21)}-m_{020}^{(20)}m_{003}^{(11)}m_{310}^{(20)}-m_{020}^{(20)}m_{003}^{(11)}m_{301}^{(10)}+m_{020}^{(20)}m_{003}^{(11)}m_{211}^{(00)}\\
&+m_{020}^{(20)}m_{003}^{(20)}m_{310}^{(11)}-2m_{020}^{(20)}m_{003}^{(20)}m_{220}^{(10)}+m_{020}^{(20)}m_{003}^{(20)}m_{130}^{(00)}-m_{020}^{(20)}m_{003}^{(21)}m_{400}^{(11)}\\
&+2m_{020}^{(20)}m_{003}^{(21)}m_{310}^{(10)}-m_{020}^{(20)}m_{003}^{(21)}m_{220}^{(00)}-m_{020}^{(22)}m_{300}^{(10)}m_{121}^{(22)}+2m_{020}^{(22)}m_{300}^{(10)}m_{112}^{(21)}\\
&-m_{020}^{(22)}m_{300}^{(10)}m_{103}^{(11)}+m_{020}^{(22)}m_{300}^{(11)}m_{211}^{(22)}-m_{020}^{(22)}m_{300}^{(11)}m_{202}^{(21)}-m_{020}^{(22)}m_{300}^{(11)}m_{112}^{(20)}\\
&+m_{020}^{(22)}m_{300}^{(11)}m_{103}^{(10)}+m_{020}^{(22)}m_{300}^{(20)}m_{130}^{(22)}-2m_{020}^{(22)}m_{300}^{(20)}m_{121}^{(21)}+m_{020}^{(22)}m_{300}^{(20)}m_{112}^{(11)}\\
&-m_{020}^{(22)}m_{300}^{(21)}m_{220}^{(22)}+m_{020}^{(22)}m_{300}^{(21)}m_{202}^{(11)}+2m_{020}^{(22)}m_{300}^{(21)}m_{121}^{(20)}-2m_{020}^{(22)}m_{300}^{(21)}m_{112}^{(10)}\\
&+m_{020}^{(22)}m_{300}^{(22)}m_{220}^{(21)}-m_{020}^{(22)}m_{300}^{(22)}m_{211}^{(11)}-m_{020}^{(22)}m_{300}^{(22)}m_{130}^{(20)}+m_{020}^{(22)}m_{300}^{(22)}m_{121}^{(10)}\\
&+m_{020}^{(22)}m_{210}^{(00)}m_{121}^{(22)}-2m_{020}^{(22)}m_{210}^{(00)}m_{112}^{(21)}+m_{020}^{(22)}m_{210}^{(00)}m_{103}^{(11)}-m_{020}^{(22)}m_{210}^{(11)}m_{301}^{(22)}\\
&+2m_{020}^{(22)}m_{210}^{(11)}m_{202}^{(20)}-m_{020}^{(22)}m_{210}^{(11)}m_{103}^{(00)}-2m_{020}^{(22)}m_{210}^{(20)}m_{220}^{(22)}+4m_{020}^{(22)}m_{210}^{(20)}m_{211}^{(21)}\\
&-2m_{020}^{(22)}m_{210}^{(20)}m_{202}^{(11)}+2m_{020}^{(22)}m_{210}^{(21)}m_{310}^{(22)}-4m_{020}^{(22)}m_{210}^{(21)}m_{211}^{(20)}+2m_{020}^{(22)}m_{210}^{(21)}m_{112}^{(00)}\\
&-2m_{020}^{(22)}m_{210}^{(22)}m_{310}^{(21)}+m_{020}^{(22)}m_{210}^{(22)}m_{301}^{(11)}+2m_{020}^{(22)}m_{210}^{(22)}m_{220}^{(20)}-m_{020}^{(22)}m_{210}^{(22)}m_{121}^{(00)}\\
&-m_{020}^{(22)}m_{201}^{(00)}m_{130}^{(22)}+2m_{020}^{(22)}m_{201}^{(00)}m_{121}^{(21)}-m_{020}^{(22)}m_{201}^{(00)}m_{112}^{(11)}+2m_{020}^{(22)}m_{201}^{(10)}m_{220}^{(22)}\\
&-4m_{020}^{(22)}m_{201}^{(10)}m_{211}^{(21)}+2m_{020}^{(22)}m_{201}^{(10)}m_{202}^{(11)}-m_{020}^{(22)}m_{201}^{(11)}m_{310}^{(22)}+2m_{020}^{(22)}m_{201}^{(11)}m_{301}^{(21)}\\
&-2m_{020}^{(22)}m_{201}^{(11)}m_{202}^{(10)}+m_{020}^{(22)}m_{201}^{(11)}m_{112}^{(00)}-2m_{020}^{(22)}m_{201}^{(21)}m_{301}^{(11)}+4m_{020}^{(22)}m_{201}^{(21)}m_{211}^{(10)}\\
&-2m_{020}^{(22)}m_{201}^{(21)}m_{121}^{(00)}+m_{020}^{(22)}m_{201}^{(22)}m_{310}^{(11)}-2m_{020}^{(22)}m_{201}^{(22)}m_{220}^{(10)}+m_{020}^{(22)}m_{201}^{(22)}m_{130}^{(00)}\\
&-m_{020}^{(22)}m_{120}^{(00)}m_{211}^{(22)}+m_{020}^{(22)}m_{120}^{(00)}m_{202}^{(21)}+m_{020}^{(22)}m_{120}^{(00)}m_{112}^{(20)}-m_{020}^{(22)}m_{120}^{(00)}m_{103}^{(10)}\\
&+m_{020}^{(22)}m_{120}^{(10)}m_{301}^{(22)}-2m_{020}^{(22)}m_{120}^{(10)}m_{202}^{(20)}+m_{020}^{(22)}m_{120}^{(10)}m_{103}^{(00)}+m_{020}^{(22)}m_{120}^{(20)}m_{310}^{(22)}\\
&-2m_{020}^{(22)}m_{120}^{(20)}m_{301}^{(21)}+2m_{020}^{(22)}m_{120}^{(20)}m_{202}^{(10)}-m_{020}^{(22)}m_{120}^{(20)}m_{112}^{(00)}-m_{020}^{(22)}m_{120}^{(21)}m_{400}^{(22)}\\
&+2m_{020}^{(22)}m_{120}^{(21)}m_{301}^{(20)}-m_{020}^{(22)}m_{120}^{(21)}m_{202}^{(00)}+m_{020}^{(22)}m_{120}^{(22)}m_{400}^{(21)}-m_{020}^{(22)}m_{120}^{(22)}m_{310}^{(20)}\\
&-m_{020}^{(22)}m_{120}^{(22)}m_{301}^{(10)}+m_{020}^{(22)}m_{120}^{(22)}m_{211}^{(00)}+m_{020}^{(22)}m_{111}^{(00)}m_{220}^{(22)}-m_{020}^{(22)}m_{111}^{(00)}m_{202}^{(11)}\\
&-2m_{020}^{(22)}m_{111}^{(00)}m_{121}^{(20)}+2m_{020}^{(22)}m_{111}^{(00)}m_{112}^{(10)}-2m_{020}^{(22)}m_{111}^{(10)}m_{310}^{(22)}+4m_{020}^{(22)}m_{111}^{(10)}m_{211}^{(20)}\\
&-2m_{020}^{(22)}m_{111}^{(10)}m_{112}^{(00)}+m_{020}^{(22)}m_{111}^{(11)}m_{400}^{(22)}-2m_{020}^{(22)}m_{111}^{(11)}m_{301}^{(20)}+m_{020}^{(22)}m_{111}^{(11)}m_{202}^{(00)}\\
&+2m_{020}^{(22)}m_{111}^{(20)}m_{301}^{(11)}-4m_{020}^{(22)}m_{111}^{(20)}m_{211}^{(10)}+2m_{020}^{(22)}m_{111}^{(20)}m_{121}^{(00)}-m_{020}^{(22)}m_{111}^{(22)}m_{400}^{(11)}\\
&+2m_{020}^{(22)}m_{111}^{(22)}m_{310}^{(10)}-m_{020}^{(22)}m_{111}^{(22)}m_{220}^{(00)}-m_{020}^{(22)}m_{102}^{(00)}m_{220}^{(22)}+m_{020}^{(22)}m_{102}^{(00)}m_{211}^{(11)}\\
&+m_{020}^{(22)}m_{102}^{(00)}m_{130}^{(20)}-m_{020}^{(22)}m_{102}^{(00)}m_{121}^{(10)}+2m_{020}^{(22)}m_{102}^{(10)}m_{310}^{(21)}-m_{020}^{(22)}m_{102}^{(10)}m_{301}^{(11)}\\
&-2m_{020}^{(22)}m_{102}^{(10)}m_{220}^{(20)}+m_{020}^{(22)}m_{102}^{(10)}m_{121}^{(00)}-m_{020}^{(22)}m_{102}^{(11)}m_{400}^{(21)}+m_{020}^{(22)}m_{102}^{(11)}m_{310}^{(20)}\\
&+m_{020}^{(22)}m_{102}^{(11)}m_{301}^{(10)}-m_{020}^{(22)}m_{102}^{(11)}m_{211}^{(00)}-m_{020}^{(22)}m_{102}^{(20)}m_{310}^{(11)}+2m_{020}^{(22)}m_{102}^{(20)}m_{220}^{(10)}\\
&-m_{020}^{(22)}m_{102}^{(20)}m_{130}^{(00)}+m_{020}^{(22)}m_{102}^{(21)}m_{400}^{(11)}-2m_{020}^{(22)}m_{102}^{(21)}m_{310}^{(10)}+m_{020}^{(22)}m_{102}^{(21)}m_{220}^{(00)}\\
&+m_{011}^{(00)}m_{210}^{(10)}m_{022}^{(22)}-2m_{011}^{(00)}m_{210}^{(10)}m_{013}^{(21)}+m_{011}^{(00)}m_{210}^{(10)}m_{004}^{(11)}-m_{011}^{(00)}m_{210}^{(11)}m_{112}^{(22)}\\
&+m_{011}^{(00)}m_{210}^{(11)}m_{103}^{(21)}+m_{011}^{(00)}m_{210}^{(11)}m_{013}^{(20)}-m_{011}^{(00)}m_{210}^{(11)}m_{004}^{(10)}-m_{011}^{(00)}m_{210}^{(20)}m_{031}^{(22)}\\
&+2m_{011}^{(00)}m_{210}^{(20)}m_{022}^{(21)}-m_{011}^{(00)}m_{210}^{(20)}m_{013}^{(11)}+m_{011}^{(00)}m_{210}^{(21)}m_{121}^{(22)}-m_{011}^{(00)}m_{210}^{(21)}m_{103}^{(11)}\\
&-2m_{011}^{(00)}m_{210}^{(21)}m_{022}^{(20)}+2m_{011}^{(00)}m_{210}^{(21)}m_{013}^{(10)}-m_{011}^{(00)}m_{210}^{(22)}m_{121}^{(21)}+m_{011}^{(00)}m_{210}^{(22)}m_{112}^{(11)}\\
&+m_{011}^{(00)}m_{210}^{(22)}m_{031}^{(20)}-m_{011}^{(00)}m_{210}^{(22)}m_{022}^{(10)}+m_{011}^{(00)}m_{201}^{(10)}m_{031}^{(22)}-2m_{011}^{(00)}m_{201}^{(10)}m_{022}^{(21)}\\
&+m_{011}^{(00)}m_{201}^{(10)}m_{013}^{(11)}-m_{011}^{(00)}m_{201}^{(11)}m_{121}^{(22)}+m_{011}^{(00)}m_{201}^{(11)}m_{112}^{(21)}+m_{011}^{(00)}m_{201}^{(11)}m_{022}^{(20)}\\
&-m_{011}^{(00)}m_{201}^{(11)}m_{013}^{(10)}-m_{011}^{(00)}m_{201}^{(20)}m_{040}^{(22)}+2m_{011}^{(00)}m_{201}^{(20)}m_{031}^{(21)}-m_{011}^{(00)}m_{201}^{(20)}m_{022}^{(11)}\\
&+m_{011}^{(00)}m_{201}^{(21)}m_{130}^{(22)}-m_{011}^{(00)}m_{201}^{(21)}m_{112}^{(11)}-2m_{011}^{(00)}m_{201}^{(21)}m_{031}^{(20)}+2m_{011}^{(00)}m_{201}^{(21)}m_{022}^{(10)}\\
&-m_{011}^{(00)}m_{201}^{(22)}m_{130}^{(21)}+m_{011}^{(00)}m_{201}^{(22)}m_{121}^{(11)}+m_{011}^{(00)}m_{201}^{(22)}m_{040}^{(20)}-m_{011}^{(00)}m_{201}^{(22)}m_{031}^{(10)}
\end{aligned}
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\begin{aligned}
&-m_{011}^{(00)}m_{120}^{(00)}m_{022}^{(22)}+2m_{011}^{(00)}m_{120}^{(00)}m_{013}^{(21)}-m_{011}^{(00)}m_{120}^{(00)}m_{004}^{(11)}+m_{011}^{(00)}m_{120}^{(11)}m_{202}^{(22)}\\
&-2m_{011}^{(00)}m_{120}^{(11)}m_{103}^{(20)}+m_{011}^{(00)}m_{120}^{(11)}m_{004}^{(00)}+2m_{011}^{(00)}m_{120}^{(20)}m_{121}^{(22)}-4m_{011}^{(00)}m_{120}^{(20)}m_{112}^{(21)}\\
&+2m_{011}^{(00)}m_{120}^{(20)}m_{103}^{(11)}-2m_{011}^{(00)}m_{120}^{(21)}m_{211}^{(22)}+4m_{011}^{(00)}m_{120}^{(21)}m_{112}^{(20)}-2m_{011}^{(00)}m_{120}^{(21)}m_{013}^{(00)}\\
&+2m_{011}^{(00)}m_{120}^{(22)}m_{211}^{(21)}-m_{011}^{(00)}m_{120}^{(22)}m_{202}^{(11)}-2m_{011}^{(00)}m_{120}^{(22)}m_{121}^{(20)}+m_{011}^{(00)}m_{120}^{(22)}m_{022}^{(00)}\\
&-2m_{011}^{(00)}m_{111}^{(10)}m_{121}^{(22)}+4m_{011}^{(00)}m_{111}^{(10)}m_{112}^{(21)}-2m_{011}^{(00)}m_{111}^{(10)}m_{103}^{(11)}+2m_{011}^{(00)}m_{111}^{(11)}m_{211}^{(22)}\\
&-2m_{011}^{(00)}m_{111}^{(11)}m_{202}^{(21)}-2m_{011}^{(00)}m_{111}^{(11)}m_{112}^{(20)}+2m_{011}^{(00)}m_{111}^{(11)}m_{103}^{(10)}+2m_{011}^{(00)}m_{111}^{(20)}m_{130}^{(22)}\\
&-4m_{011}^{(00)}m_{111}^{(20)}m_{121}^{(21)}+2m_{011}^{(00)}m_{111}^{(20)}m_{112}^{(11)}-2m_{011}^{(00)}m_{111}^{(21)}m_{220}^{(22)}+2m_{011}^{(00)}m_{111}^{(21)}m_{202}^{(11)}\\
&+4m_{011}^{(00)}m_{111}^{(21)}m_{121}^{(20)}-4m_{011}^{(00)}m_{111}^{(21)}m_{112}^{(10)}+2m_{011}^{(00)}m_{111}^{(22)}m_{220}^{(21)}-2m_{011}^{(00)}m_{111}^{(22)}m_{211}^{(11)}\\
&-2m_{011}^{(00)}m_{111}^{(22)}m_{130}^{(20)}+2m_{011}^{(00)}m_{111}^{(22)}m_{121}^{(10)}+m_{011}^{(00)}m_{102}^{(00)}m_{040}^{(22)}-2m_{011}^{(00)}m_{102}^{(00)}m_{031}^{(21)}\\
&+m_{011}^{(00)}m_{102}^{(00)}m_{022}^{(11)}-2m_{011}^{(00)}m_{102}^{(10)}m_{130}^{(22)}+4m_{011}^{(00)}m_{102}^{(10)}m_{121}^{(21)}-2m_{011}^{(00)}m_{102}^{(10)}m_{112}^{(11)}\\
&+m_{011}^{(00)}m_{102}^{(11)}m_{220}^{(22)}-2m_{011}^{(00)}m_{102}^{(11)}m_{211}^{(21)}+2m_{011}^{(00)}m_{102}^{(11)}m_{112}^{(10)}-m_{011}^{(00)}m_{102}^{(11)}m_{022}^{(00)}\\
&+2m_{011}^{(00)}m_{102}^{(21)}m_{211}^{(11)}-4m_{011}^{(00)}m_{102}^{(21)}m_{121}^{(10)}+2m_{011}^{(00)}m_{102}^{(21)}m_{031}^{(00)}-m_{011}^{(00)}m_{102}^{(22)}m_{220}^{(11)}\\
&+2m_{011}^{(00)}m_{102}^{(22)}m_{130}^{(10)}-m_{011}^{(00)}m_{102}^{(22)}m_{040}^{(00)}+m_{011}^{(00)}m_{030}^{(00)}m_{112}^{(22)}-m_{011}^{(00)}m_{030}^{(00)}m_{103}^{(21)}\\
&-m_{011}^{(00)}m_{030}^{(00)}m_{013}^{(20)}+m_{011}^{(00)}m_{030}^{(00)}m_{004}^{(10)}-m_{011}^{(00)}m_{030}^{(10)}m_{202}^{(22)}+2m_{011}^{(00)}m_{030}^{(10)}m_{103}^{(20)}\\
&-m_{011}^{(00)}m_{030}^{(10)}m_{004}^{(00)}-m_{011}^{(00)}m_{030}^{(20)}m_{211}^{(22)}+2m_{011}^{(00)}m_{030}^{(20)}m_{202}^{(21)}-2m_{011}^{(00)}m_{030}^{(20)}m_{103}^{(10)}\\
&+m_{011}^{(00)}m_{030}^{(20)}m_{013}^{(00)}+m_{011}^{(00)}m_{030}^{(21)}m_{301}^{(22)}-2m_{011}^{(00)}m_{030}^{(21)}m_{202}^{(20)}+m_{011}^{(00)}m_{030}^{(21)}m_{103}^{(00)}\\
&-m_{011}^{(00)}m_{030}^{(22)}m_{301}^{(21)}+m_{011}^{(00)}m_{030}^{(22)}m_{211}^{(20)}+m_{011}^{(00)}m_{030}^{(22)}m_{202}^{(10)}-m_{011}^{(00)}m_{030}^{(22)}m_{112}^{(00)}\\
&-m_{011}^{(00)}m_{021}^{(00)}m_{112}^{(21)}+m_{011}^{(00)}m_{021}^{(00)}m_{103}^{(11)}+m_{011}^{(00)}m_{021}^{(00)}m_{022}^{(20)}-m_{011}^{(00)}m_{021}^{(00)}m_{013}^{(10)}\\
&+m_{011}^{(00)}m_{021}^{(10)}m_{211}^{(22)}-2m_{011}^{(00)}m_{021}^{(10)}m_{112}^{(20)}+m_{011}^{(00)}m_{021}^{(10)}m_{013}^{(00)}-m_{011}^{(00)}m_{021}^{(11)}m_{301}^{(22)}\\
&+2m_{011}^{(00)}m_{021}^{(11)}m_{202}^{(20)}-m_{011}^{(00)}m_{021}^{(11)}m_{103}^{(00)}-m_{011}^{(00)}m_{021}^{(20)}m_{220}^{(22)}+2m_{011}^{(00)}m_{021}^{(20)}m_{211}^{(21)}\\
&-2m_{011}^{(00)}m_{021}^{(20)}m_{202}^{(11)}+2m_{011}^{(00)}m_{021}^{(20)}m_{112}^{(10)}-m_{011}^{(00)}m_{021}^{(20)}m_{022}^{(00)}+m_{011}^{(00)}m_{021}^{(21)}m_{310}^{(22)}\\
&-2m_{011}^{(00)}m_{021}^{(21)}m_{211}^{(20)}+m_{011}^{(00)}m_{021}^{(21)}m_{112}^{(00)}-m_{011}^{(00)}m_{021}^{(22)}m_{310}^{(21)}+m_{011}^{(00)}m_{021}^{(22)}m_{301}^{(11)}\\
&+m_{011}^{(00)}m_{021}^{(22)}m_{220}^{(20)}-m_{011}^{(00)}m_{021}^{(22)}m_{211}^{(10)}-m_{011}^{(00)}m_{012}^{(00)}m_{130}^{(22)}+m_{011}^{(00)}m_{012}^{(00)}m_{121}^{(21)}\\
&+m_{011}^{(00)}m_{012}^{(00)}m_{031}^{(20)}-m_{011}^{(00)}m_{012}^{(00)}m_{022}^{(10)}+2m_{011}^{(00)}m_{012}^{(10)}m_{220}^{(22)}-2m_{011}^{(00)}m_{012}^{(10)}m_{211}^{(21)}\\
&+m_{011}^{(00)}m_{012}^{(10)}m_{202}^{(11)}-2m_{011}^{(00)}m_{012}^{(10)}m_{121}^{(20)}+m_{011}^{(00)}m_{012}^{(10)}m_{022}^{(00)}-m_{011}^{(00)}m_{012}^{(11)}m_{310}^{(22)}\\
&+m_{011}^{(00)}m_{012}^{(11)}m_{301}^{(21)}+m_{011}^{(00)}m_{012}^{(11)}m_{211}^{(20)}-m_{011}^{(00)}m_{012}^{(11)}m_{202}^{(10)}-m_{011}^{(00)}m_{012}^{(20)}m_{211}^{(11)}\\
&+2m_{011}^{(00)}m_{012}^{(20)}m_{121}^{(10)}-m_{011}^{(00)}m_{012}^{(20)}m_{031}^{(00)}-m_{011}^{(00)}m_{012}^{(21)}m_{301}^{(11)}+2m_{011}^{(00)}m_{012}^{(21)}m_{211}^{(10)}\\
&-m_{011}^{(00)}m_{012}^{(21)}m_{121}^{(00)}+m_{011}^{(00)}m_{012}^{(22)}m_{310}^{(11)}-2m_{011}^{(00)}m_{012}^{(22)}m_{220}^{(10)}+m_{011}^{(00)}m_{012}^{(22)}m_{130}^{(00)}\\
&+m_{011}^{(00)}m_{003}^{(00)}m_{130}^{(21)}-m_{011}^{(00)}m_{003}^{(00)}m_{121}^{(11)}-m_{011}^{(00)}m_{003}^{(00)}m_{040}^{(20)}+m_{011}^{(00)}m_{003}^{(00)}m_{031}^{(10)}\\
&-2m_{011}^{(00)}m_{003}^{(10)}m_{220}^{(21)}+m_{011}^{(00)}m_{003}^{(10)}m_{211}^{(11)}+2m_{011}^{(00)}m_{003}^{(10)}m_{130}^{(20)}-m_{011}^{(00)}m_{003}^{(10)}m_{031}^{(00)}\\
&+m_{011}^{(00)}m_{003}^{(11)}m_{310}^{(21)}-m_{011}^{(00)}m_{003}^{(11)}m_{220}^{(20)}-m_{011}^{(00)}m_{003}^{(11)}m_{211}^{(10)}+m_{011}^{(00)}m_{003}^{(11)}m_{121}^{(00)}\\
&+m_{011}^{(00)}m_{003}^{(20)}m_{220}^{(11)}-2m_{011}^{(00)}m_{003}^{(20)}m_{130}^{(10)}+m_{011}^{(00)}m_{003}^{(20)}m_{040}^{(00)}-m_{011}^{(00)}m_{003}^{(21)}m_{310}^{(11)}\\
&+2m_{011}^{(00)}m_{003}^{(21)}m_{220}^{(10)}-m_{011}^{(00)}m_{003}^{(21)}m_{130}^{(00)}-m_{011}^{(10)}m_{300}^{(10)}m_{022}^{(22)}+2m_{011}^{(10)}m_{300}^{(10)}m_{013}^{(21)}\\
&-m_{011}^{(10)}m_{300}^{(10)}m_{004}^{(11)}+m_{011}^{(10)}m_{300}^{(11)}m_{112}^{(22)}-m_{011}^{(10)}m_{300}^{(11)}m_{103}^{(21)}-m_{011}^{(10)}m_{300}^{(11)}m_{013}^{(20)}\\
&+m_{011}^{(10)}m_{300}^{(11)}m_{004}^{(10)}+m_{011}^{(10)}m_{300}^{(20)}m_{031}^{(22)}-2m_{011}^{(10)}m_{300}^{(20)}m_{022}^{(21)}+m_{011}^{(10)}m_{300}^{(20)}m_{013}^{(11)}\\
&-m_{011}^{(10)}m_{300}^{(21)}m_{121}^{(22)}+m_{011}^{(10)}m_{300}^{(21)}m_{103}^{(11)}+2m_{011}^{(10)}m_{300}^{(21)}m_{022}^{(20)}-2m_{011}^{(10)}m_{300}^{(21)}m_{013}^{(10)}\\
&+m_{011}^{(10)}m_{300}^{(22)}m_{121}^{(21)}-m_{011}^{(10)}m_{300}^{(22)}m_{112}^{(11)}-m_{011}^{(10)}m_{300}^{(22)}m_{031}^{(20)}+m_{011}^{(10)}m_{300}^{(22)}m_{022}^{(10)}\\
&+m_{011}^{(10)}m_{210}^{(00)}m_{022}^{(22)}-2m_{011}^{(10)}m_{210}^{(00)}m_{013}^{(21)}+m_{011}^{(10)}m_{210}^{(00)}m_{004}^{(11)}-m_{011}^{(10)}m_{210}^{(11)}m_{202}^{(22)}
\end{aligned}
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$$+2m_{011}^{(10)}m_{210}^{(11)}m_{103}^{(20)} - m_{011}^{(10)}m_{210}^{(11)}m_{004}^{(00)} - 2m_{011}^{(10)}m_{210}^{(20)}m_{121}^{(22)} + 4m_{011}^{(10)}m_{210}^{(20)}m_{112}^{(21)}$$
$$-2m_{011}^{(10)}m_{210}^{(20)}m_{103}^{(11)} + 2m_{011}^{(10)}m_{210}^{(21)}m_{211}^{(22)} - 4m_{011}^{(10)}m_{210}^{(21)}m_{112}^{(20)} + 2m_{011}^{(10)}m_{210}^{(21)}m_{013}^{(00)}$$
$$-2m_{011}^{(10)}m_{210}^{(22)}m_{211}^{(21)} + m_{011}^{(10)}m_{210}^{(22)}m_{202}^{(11)} + 2m_{011}^{(10)}m_{210}^{(22)}m_{121}^{(20)} - m_{011}^{(10)}m_{210}^{(22)}m_{022}^{(00)}$$
$$-m_{011}^{(10)}m_{201}^{(00)}m_{031}^{(22)} + 2m_{011}^{(10)}m_{201}^{(00)}m_{022}^{(21)} - m_{011}^{(10)}m_{201}^{(00)}m_{013}^{(11)} + m_{011}^{(10)}m_{201}^{(10)}m_{121}^{(22)}$$
$$-2m_{011}^{(10)}m_{201}^{(10)}m_{112}^{(21)} + m_{011}^{(10)}m_{201}^{(10)}m_{103}^{(11)} + m_{011}^{(10)}m_{201}^{(11)}m_{202}^{(21)} - m_{011}^{(10)}m_{201}^{(11)}m_{112}^{(20)}$$
$$-m_{011}^{(10)}m_{201}^{(11)}m_{103}^{(10)} + m_{011}^{(10)}m_{201}^{(11)}m_{013}^{(00)} + m_{011}^{(10)}m_{201}^{(20)}m_{130}^{(22)} - 2m_{011}^{(10)}m_{201}^{(20)}m_{121}^{(21)}$$
$$+m_{011}^{(10)}m_{201}^{(20)}m_{112}^{(11)} - m_{011}^{(10)}m_{201}^{(21)}m_{220}^{(22)} - m_{011}^{(10)}m_{201}^{(21)}m_{202}^{(11)} + 2m_{011}^{(10)}m_{201}^{(21)}m_{121}^{(20)}$$
$$+2m_{011}^{(10)}m_{201}^{(21)}m_{112}^{(10)} - 2m_{011}^{(10)}m_{201}^{(21)}m_{022}^{(00)} + m_{011}^{(10)}m_{201}^{(22)}m_{220}^{(21)} - m_{011}^{(10)}m_{201}^{(22)}m_{130}^{(20)}$$
$$-m_{011}^{(10)}m_{201}^{(22)}m_{121}^{(10)} + m_{011}^{(10)}m_{201}^{(22)}m_{031}^{(00)} - m_{011}^{(10)}m_{120}^{(00)}m_{112}^{(22)} + m_{011}^{(10)}m_{120}^{(00)}m_{103}^{(21)}$$
$$+m_{011}^{(10)}m_{120}^{(00)}m_{013}^{(20)} - m_{011}^{(10)}m_{120}^{(00)}m_{004}^{(10)} + m_{011}^{(10)}m_{120}^{(10)}m_{202}^{(22)} - 2m_{011}^{(10)}m_{120}^{(10)}m_{103}^{(20)}$$
$$+m_{011}^{(10)}m_{120}^{(10)}m_{004}^{(00)} + m_{011}^{(10)}m_{120}^{(20)}m_{211}^{(22)} - 2m_{011}^{(10)}m_{120}^{(20)}m_{202}^{(21)} + 2m_{011}^{(10)}m_{120}^{(20)}m_{103}^{(10)}$$
$$-m_{011}^{(10)}m_{120}^{(20)}m_{013}^{(00)} - m_{011}^{(10)}m_{120}^{(21)}m_{301}^{(22)} + 2m_{011}^{(10)}m_{120}^{(21)}m_{202}^{(20)} - m_{011}^{(10)}m_{120}^{(21)}m_{103}^{(00)}$$
$$+m_{011}^{(10)}m_{120}^{(22)}m_{301}^{(21)} - m_{011}^{(10)}m_{120}^{(22)}m_{211}^{(20)} - m_{011}^{(10)}m_{120}^{(22)}m_{202}^{(10)} + m_{011}^{(10)}m_{120}^{(22)}m_{112}^{(00)}$$
$$+2m_{011}^{(10)}m_{111}^{(00)}m_{121}^{(22)} - 2m_{011}^{(10)}m_{111}^{(00)}m_{112}^{(21)} - 2m_{011}^{(10)}m_{111}^{(00)}m_{022}^{(20)} + 2m_{011}^{(10)}m_{111}^{(00)}m_{013}^{(10)}$$
$$-2m_{011}^{(10)}m_{111}^{(10)}m_{211}^{(22)} + 4m_{011}^{(10)}m_{111}^{(10)}m_{112}^{(20)} - 2m_{011}^{(10)}m_{111}^{(10)}m_{013}^{(00)} - 2m_{011}^{(10)}m_{111}^{(20)}m_{220}^{(22)}$$
$$+4m_{011}^{(10)}m_{111}^{(20)}m_{211}^{(21)} - 4m_{011}^{(10)}m_{111}^{(20)}m_{112}^{(10)} + 2m_{011}^{(10)}m_{111}^{(20)}m_{022}^{(00)} + 2m_{011}^{(10)}m_{111}^{(21)}m_{310}^{(22)}$$
$$-4m_{011}^{(10)}m_{111}^{(21)}m_{211}^{(20)} + 2m_{011}^{(10)}m_{111}^{(21)}m_{112}^{(00)} - 2m_{011}^{(10)}m_{111}^{(22)}m_{310}^{(21)} + 2m_{011}^{(10)}m_{111}^{(22)}m_{220}^{(20)}$$
$$+2m_{011}^{(10)}m_{111}^{(22)}m_{211}^{(10)} - 2m_{011}^{(10)}m_{111}^{(22)}m_{121}^{(00)} - m_{011}^{(10)}m_{102}^{(00)}m_{130}^{(22)} + m_{011}^{(10)}m_{102}^{(00)}m_{121}^{(21)}$$
$$+m_{011}^{(10)}m_{102}^{(00)}m_{031}^{(20)} - m_{011}^{(10)}m_{102}^{(00)}m_{022}^{(10)} + 2m_{011}^{(10)}m_{102}^{(10)}m_{220}^{(22)} - 2m_{011}^{(10)}m_{102}^{(10)}m_{211}^{(21)}$$
$$+m_{011}^{(10)}m_{102}^{(10)}m_{202}^{(11)} - 2m_{011}^{(10)}m_{102}^{(10)}m_{121}^{(20)} + m_{011}^{(10)}m_{102}^{(10)}m_{022}^{(00)} - m_{011}^{(10)}m_{102}^{(11)}m_{310}^{(22)}$$
$$+m_{011}^{(10)}m_{102}^{(11)}m_{301}^{(21)} + m_{011}^{(10)}m_{102}^{(11)}m_{211}^{(20)} - m_{011}^{(10)}m_{102}^{(11)}m_{202}^{(10)} - m_{011}^{(10)}m_{102}^{(20)}m_{211}^{(11)}$$
$$+2m_{011}^{(10)}m_{102}^{(20)}m_{121}^{(10)} - m_{011}^{(10)}m_{102}^{(20)}m_{031}^{(00)} - m_{011}^{(10)}m_{102}^{(21)}m_{301}^{(11)} + 2m_{011}^{(10)}m_{102}^{(21)}m_{211}^{(10)}$$
$$-m_{011}^{(10)}m_{102}^{(21)}m_{121}^{(00)} + m_{011}^{(10)}m_{102}^{(22)}m_{310}^{(11)} - 2m_{011}^{(10)}m_{102}^{(22)}m_{220}^{(10)} + m_{011}^{(10)}m_{102}^{(22)}m_{130}^{(00)}$$
$$-m_{011}^{(10)}m_{021}^{(00)}m_{211}^{(22)} + m_{011}^{(10)}m_{021}^{(00)}m_{202}^{(21)} + m_{011}^{(10)}m_{021}^{(00)}m_{112}^{(20)} - m_{011}^{(10)}m_{021}^{(00)}m_{103}^{(10)}$$
$$+m_{011}^{(10)}m_{021}^{(10)}m_{301}^{(22)} - 2m_{011}^{(10)}m_{021}^{(10)}m_{202}^{(20)} + m_{011}^{(10)}m_{021}^{(10)}m_{103}^{(00)} + m_{011}^{(10)}m_{021}^{(20)}m_{310}^{(22)}$$
$$-2m_{011}^{(10)}m_{021}^{(20)}m_{301}^{(21)} + 2m_{011}^{(10)}m_{021}^{(20)}m_{202}^{(10)} - m_{011}^{(10)}m_{021}^{(20)}m_{112}^{(00)} - m_{011}^{(10)}m_{021}^{(21)}m_{400}^{(22)}$$
$$+2m_{011}^{(10)}m_{021}^{(21)}m_{301}^{(20)} - m_{011}^{(10)}m_{021}^{(21)}m_{202}^{(00)} + m_{011}^{(10)}m_{021}^{(22)}m_{400}^{(21)} - m_{011}^{(10)}m_{021}^{(22)}m_{310}^{(20)}$$
$$-m_{011}^{(10)}m_{021}^{(22)}m_{301}^{(10)} + m_{011}^{(10)}m_{021}^{(22)}m_{211}^{(00)} + m_{011}^{(10)}m_{012}^{(00)}m_{220}^{(22)} - m_{011}^{(10)}m_{012}^{(00)}m_{202}^{(11)}$$
$$-2m_{011}^{(10)}m_{012}^{(00)}m_{121}^{(20)} + 2m_{011}^{(10)}m_{012}^{(00)}m_{112}^{(10)} - 2m_{011}^{(10)}m_{012}^{(10)}m_{310}^{(22)} + 4m_{011}^{(10)}m_{012}^{(10)}m_{211}^{(20)}$$
$$-2m_{011}^{(10)}m_{012}^{(10)}m_{112}^{(00)} + m_{011}^{(10)}m_{012}^{(11)}m_{400}^{(22)} - 2m_{011}^{(10)}m_{012}^{(11)}m_{301}^{(20)} + m_{011}^{(10)}m_{012}^{(11)}m_{202}^{(00)}$$
$$+2m_{011}^{(10)}m_{012}^{(20)}m_{301}^{(11)} - 4m_{011}^{(10)}m_{012}^{(20)}m_{211}^{(10)} + 2m_{011}^{(10)}m_{012}^{(20)}m_{121}^{(00)} - m_{011}^{(10)}m_{012}^{(22)}m_{400}^{(11)}$$
$$+2m_{011}^{(10)}m_{012}^{(22)}m_{310}^{(10)} - m_{011}^{(10)}m_{012}^{(22)}m_{220}^{(00)} - m_{011}^{(10)}m_{003}^{(00)}m_{220}^{(21)} + m_{011}^{(10)}m_{003}^{(00)}m_{211}^{(11)}$$
$$+m_{011}^{(10)}m_{003}^{(00)}m_{130}^{(20)} - m_{011}^{(10)}m_{003}^{(00)}m_{121}^{(10)} + 2m_{011}^{(10)}m_{003}^{(10)}m_{310}^{(21)} - m_{011}^{(10)}m_{003}^{(10)}m_{301}^{(11)}$$
$$-2m_{011}^{(10)}m_{003}^{(10)}m_{220}^{(20)} + m_{011}^{(10)}m_{003}^{(10)}m_{121}^{(00)} - m_{011}^{(10)}m_{003}^{(11)}m_{400}^{(21)} + m_{011}^{(10)}m_{003}^{(11)}m_{310}^{(20)}$$
$$+m_{011}^{(10)}m_{003}^{(11)}m_{301}^{(10)} - m_{011}^{(10)}m_{003}^{(11)}m_{211}^{(00)} - m_{011}^{(10)}m_{003}^{(20)}m_{310}^{(11)} + 2m_{011}^{(10)}m_{003}^{(20)}m_{220}^{(10)}$$
$$-m_{011}^{(10)}m_{003}^{(20)}m_{130}^{(00)} + m_{011}^{(10)}m_{003}^{(21)}m_{400}^{(11)} - 2m_{011}^{(10)}m_{003}^{(21)}m_{310}^{(10)} + m_{011}^{(10)}m_{003}^{(21)}m_{220}^{(00)}$$
$$-m_{011}^{(20)}m_{300}^{(10)}m_{031}^{(22)} + 2m_{011}^{(20)}m_{300}^{(10)}m_{022}^{(21)} - m_{011}^{(20)}m_{300}^{(10)}m_{013}^{(11)} + m_{011}^{(20)}m_{300}^{(11)}m_{121}^{(22)}$$
$$-m_{011}^{(20)}m_{300}^{(11)}m_{112}^{(21)} - m_{011}^{(20)}m_{300}^{(11)}m_{022}^{(20)} + m_{011}^{(20)}m_{300}^{(11)}m_{013}^{(10)} + m_{011}^{(20)}m_{300}^{(20)}m_{040}^{(22)}$$

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\begin{aligned}
&-2m_{011}^{(20)}m_{300}^{(20)}m_{031}^{(21)} + m_{011}^{(20)}m_{300}^{(20)}m_{022}^{(11)} - m_{011}^{(20)}m_{300}^{(21)}m_{130}^{(22)} + m_{011}^{(20)}m_{300}^{(21)}m_{112}^{(11)}\\
&+2m_{011}^{(20)}m_{300}^{(21)}m_{031}^{(20)} - 2m_{011}^{(20)}m_{300}^{(21)}m_{022}^{(10)} + m_{011}^{(20)}m_{300}^{(22)}m_{130}^{(21)} - m_{011}^{(20)}m_{300}^{(22)}m_{121}^{(11)}\\
&-m_{011}^{(20)}m_{300}^{(22)}m_{040}^{(20)} + m_{011}^{(20)}m_{300}^{(22)}m_{031}^{(10)} + m_{011}^{(20)}m_{210}^{(00)}m_{031}^{(22)} - 2m_{011}^{(20)}m_{210}^{(00)}m_{022}^{(21)}\\
&+m_{011}^{(20)}m_{210}^{(00)}m_{013}^{(11)} - m_{011}^{(20)}m_{210}^{(10)}m_{121}^{(22)} + 2m_{011}^{(20)}m_{210}^{(10)}m_{112}^{(21)} - m_{011}^{(20)}m_{210}^{(10)}m_{103}^{(11)}\\
&-m_{011}^{(20)}m_{210}^{(11)}m_{202}^{(21)} + m_{011}^{(20)}m_{210}^{(11)}m_{112}^{(20)} + m_{011}^{(20)}m_{210}^{(11)}m_{103}^{(10)} - m_{011}^{(20)}m_{210}^{(11)}m_{013}^{(00)}\\
&-m_{011}^{(20)}m_{210}^{(20)}m_{130}^{(22)} + 2m_{011}^{(20)}m_{210}^{(20)}m_{121}^{(21)} - m_{011}^{(20)}m_{210}^{(20)}m_{112}^{(11)} + m_{011}^{(20)}m_{210}^{(21)}m_{220}^{(22)}\\
&+m_{011}^{(20)}m_{210}^{(21)}m_{202}^{(11)} - 2m_{011}^{(20)}m_{210}^{(21)}m_{121}^{(20)} - 2m_{011}^{(20)}m_{210}^{(21)}m_{112}^{(10)} + 2m_{011}^{(20)}m_{210}^{(21)}m_{022}^{(00)}\\
&-m_{011}^{(20)}m_{210}^{(22)}m_{220}^{(21)} + m_{011}^{(20)}m_{210}^{(22)}m_{130}^{(20)} + m_{011}^{(20)}m_{210}^{(22)}m_{121}^{(10)} - m_{011}^{(20)}m_{210}^{(22)}m_{031}^{(00)}\\
&-m_{011}^{(20)}m_{201}^{(00)}m_{040}^{(22)} + 2m_{011}^{(20)}m_{201}^{(00)}m_{031}^{(21)} - m_{011}^{(20)}m_{201}^{(00)}m_{022}^{(11)} + 2m_{011}^{(20)}m_{201}^{(10)}m_{130}^{(22)}\\
&-4m_{011}^{(20)}m_{201}^{(10)}m_{121}^{(21)} + 2m_{011}^{(20)}m_{201}^{(10)}m_{112}^{(11)} - m_{011}^{(20)}m_{201}^{(11)}m_{220}^{(22)} + 2m_{011}^{(20)}m_{201}^{(11)}m_{211}^{(21)}\\
&-2m_{011}^{(20)}m_{201}^{(11)}m_{112}^{(10)} + m_{011}^{(20)}m_{201}^{(11)}m_{022}^{(00)} - 2m_{011}^{(20)}m_{201}^{(21)}m_{211}^{(11)} + 4m_{011}^{(20)}m_{201}^{(21)}m_{121}^{(10)}\\
&-2m_{011}^{(20)}m_{201}^{(21)}m_{031}^{(00)} + m_{011}^{(20)}m_{201}^{(22)}m_{220}^{(11)} - 2m_{011}^{(20)}m_{201}^{(22)}m_{130}^{(10)} + m_{011}^{(20)}m_{201}^{(22)}m_{040}^{(00)}\\
&-m_{011}^{(20)}m_{120}^{(00)}m_{112}^{(21)} + m_{011}^{(20)}m_{120}^{(00)}m_{103}^{(11)} + m_{011}^{(20)}m_{120}^{(00)}m_{022}^{(20)} - m_{011}^{(20)}m_{120}^{(00)}m_{013}^{(10)}\\
&+m_{011}^{(20)}m_{120}^{(10)}m_{211}^{(22)} - 2m_{011}^{(20)}m_{120}^{(10)}m_{112}^{(20)} + m_{011}^{(20)}m_{120}^{(10)}m_{013}^{(00)} - m_{011}^{(20)}m_{120}^{(11)}m_{301}^{(22)}\\
&+2m_{011}^{(20)}m_{120}^{(11)}m_{202}^{(20)} - m_{011}^{(20)}m_{120}^{(11)}m_{103}^{(00)} - m_{011}^{(20)}m_{120}^{(20)}m_{220}^{(22)} + 2m_{011}^{(20)}m_{120}^{(20)}m_{211}^{(21)}\\
&-2m_{011}^{(20)}m_{120}^{(20)}m_{202}^{(11)} + 2m_{011}^{(20)}m_{120}^{(20)}m_{112}^{(10)} - m_{011}^{(20)}m_{120}^{(20)}m_{022}^{(00)} + m_{011}^{(20)}m_{120}^{(21)}m_{310}^{(22)}\\
&-2m_{011}^{(20)}m_{120}^{(21)}m_{211}^{(20)} + m_{011}^{(20)}m_{120}^{(21)}m_{112}^{(00)} - m_{011}^{(20)}m_{120}^{(22)}m_{310}^{(21)} + m_{011}^{(20)}m_{120}^{(22)}m_{301}^{(11)}\\
&+m_{011}^{(20)}m_{120}^{(22)}m_{220}^{(20)} - m_{011}^{(20)}m_{120}^{(22)}m_{211}^{(10)} + 2m_{011}^{(20)}m_{111}^{(00)}m_{121}^{(21)} - 2m_{011}^{(20)}m_{111}^{(00)}m_{112}^{(11)}\\
&-2m_{011}^{(20)}m_{111}^{(00)}m_{031}^{(20)} + 2m_{011}^{(20)}m_{111}^{(00)}m_{022}^{(10)} - 4m_{011}^{(20)}m_{111}^{(10)}m_{211}^{(21)} + 2m_{011}^{(20)}m_{111}^{(10)}m_{202}^{(11)}\\
&+4m_{011}^{(20)}m_{111}^{(10)}m_{121}^{(20)} - 2m_{011}^{(20)}m_{111}^{(10)}m_{022}^{(00)} + 2m_{011}^{(20)}m_{111}^{(11)}m_{301}^{(21)} - 2m_{011}^{(20)}m_{111}^{(11)}m_{211}^{(20)}\\
&-2m_{011}^{(20)}m_{111}^{(11)}m_{202}^{(10)} + 2m_{011}^{(20)}m_{111}^{(11)}m_{112}^{(00)} + 2m_{011}^{(20)}m_{111}^{(20)}m_{211}^{(11)} - 4m_{011}^{(20)}m_{111}^{(20)}m_{121}^{(10)}\\
&+2m_{011}^{(20)}m_{111}^{(20)}m_{031}^{(00)} - 2m_{011}^{(20)}m_{111}^{(21)}m_{301}^{(11)} + 4m_{011}^{(20)}m_{111}^{(21)}m_{211}^{(10)} - 2m_{011}^{(20)}m_{111}^{(21)}m_{121}^{(00)}\\
&-m_{011}^{(20)}m_{102}^{(00)}m_{130}^{(21)} + m_{011}^{(20)}m_{102}^{(00)}m_{121}^{(11)} + m_{011}^{(20)}m_{102}^{(00)}m_{040}^{(20)} - m_{011}^{(20)}m_{102}^{(00)}m_{031}^{(10)}\\
&+2m_{011}^{(20)}m_{102}^{(10)}m_{220}^{(21)} - m_{011}^{(20)}m_{102}^{(10)}m_{211}^{(11)} - 2m_{011}^{(20)}m_{102}^{(10)}m_{130}^{(20)} + m_{011}^{(20)}m_{102}^{(10)}m_{031}^{(00)}\\
&-m_{011}^{(20)}m_{102}^{(11)}m_{310}^{(21)} + m_{011}^{(20)}m_{102}^{(11)}m_{220}^{(20)} + m_{011}^{(20)}m_{102}^{(11)}m_{211}^{(10)} - m_{011}^{(20)}m_{102}^{(11)}m_{121}^{(00)}\\
&-m_{011}^{(20)}m_{102}^{(20)}m_{220}^{(11)} + 2m_{011}^{(20)}m_{102}^{(20)}m_{130}^{(10)} - m_{011}^{(20)}m_{102}^{(20)}m_{040}^{(00)} + m_{011}^{(20)}m_{102}^{(21)}m_{310}^{(11)}\\
&-2m_{011}^{(20)}m_{102}^{(21)}m_{220}^{(10)} + m_{011}^{(20)}m_{102}^{(21)}m_{130}^{(00)} - m_{011}^{(20)}m_{030}^{(00)}m_{211}^{(22)} + m_{011}^{(20)}m_{030}^{(00)}m_{202}^{(21)}\\
&+m_{011}^{(20)}m_{030}^{(00)}m_{112}^{(20)} - m_{011}^{(20)}m_{030}^{(00)}m_{103}^{(10)} + m_{011}^{(20)}m_{030}^{(10)}m_{301}^{(22)} - 2m_{011}^{(20)}m_{030}^{(10)}m_{202}^{(20)}\\
&+m_{011}^{(20)}m_{030}^{(10)}m_{103}^{(00)} + m_{011}^{(20)}m_{030}^{(20)}m_{310}^{(22)} - 2m_{011}^{(20)}m_{030}^{(20)}m_{301}^{(21)} + 2m_{011}^{(20)}m_{030}^{(20)}m_{202}^{(10)}\\
&-m_{011}^{(20)}m_{030}^{(20)}m_{112}^{(00)} - m_{011}^{(20)}m_{030}^{(21)}m_{400}^{(22)} + 2m_{011}^{(20)}m_{030}^{(21)}m_{301}^{(20)} - m_{011}^{(20)}m_{030}^{(21)}m_{202}^{(00)}\\
&+m_{011}^{(20)}m_{030}^{(22)}m_{400}^{(21)} - m_{011}^{(20)}m_{030}^{(22)}m_{310}^{(20)} - m_{011}^{(20)}m_{030}^{(22)}m_{301}^{(10)} + m_{011}^{(20)}m_{030}^{(22)}m_{211}^{(00)}\\
&+m_{011}^{(20)}m_{021}^{(00)}m_{220}^{(22)} - m_{011}^{(20)}m_{021}^{(00)}m_{202}^{(11)} - 2m_{011}^{(20)}m_{021}^{(00)}m_{121}^{(20)} + 2m_{011}^{(20)}m_{021}^{(00)}m_{112}^{(10)}\\
&-2m_{011}^{(20)}m_{021}^{(10)}m_{310}^{(22)} + 4m_{011}^{(20)}m_{021}^{(10)}m_{211}^{(20)} - 2m_{011}^{(20)}m_{021}^{(10)}m_{112}^{(00)} + m_{011}^{(20)}m_{021}^{(11)}m_{400}^{(22)}\\
&-2m_{011}^{(20)}m_{021}^{(11)}m_{301}^{(20)} + m_{011}^{(20)}m_{021}^{(11)}m_{202}^{(00)} + 2m_{011}^{(20)}m_{021}^{(20)}m_{301}^{(11)} - 4m_{011}^{(20)}m_{021}^{(20)}m_{211}^{(10)}\\
&+2m_{011}^{(20)}m_{021}^{(20)}m_{121}^{(00)} - m_{011}^{(20)}m_{021}^{(22)}m_{400}^{(11)} + 2m_{011}^{(20)}m_{021}^{(22)}m_{310}^{(10)} - m_{011}^{(20)}m_{021}^{(22)}m_{220}^{(00)}\\
&-m_{011}^{(20)}m_{012}^{(00)}m_{220}^{(21)} + m_{011}^{(20)}m_{012}^{(00)}m_{211}^{(11)} + m_{011}^{(20)}m_{012}^{(00)}m_{130}^{(20)} - m_{011}^{(20)}m_{012}^{(00)}m_{121}^{(10)}\\
&+2m_{011}^{(20)}m_{012}^{(10)}m_{310}^{(21)} - m_{011}^{(20)}m_{012}^{(10)}m_{301}^{(11)} - 2m_{011}^{(20)}m_{012}^{(10)}m_{220}^{(20)} + m_{011}^{(20)}m_{012}^{(10)}m_{121}^{(00)}\\
&-m_{011}^{(20)}m_{012}^{(11)}m_{400}^{(21)} + m_{011}^{(20)}m_{012}^{(11)}m_{310}^{(20)} + m_{011}^{(20)}m_{012}^{(11)}m_{301}^{(10)} - m_{011}^{(20)}m_{012}^{(11)}m_{211}^{(00)}
\end{aligned}
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\begin{aligned}
&-m_{011}^{(20)}m_{012}^{(20)}m_{310}^{(11)}+2m_{011}^{(20)}m_{012}^{(20)}m_{220}^{(10)}-m_{011}^{(20)}m_{012}^{(20)}m_{130}^{(00)}+m_{011}^{(20)}m_{012}^{(21)}m_{400}^{(11)}\\
&-2m_{011}^{(20)}m_{012}^{(21)}m_{310}^{(10)}+m_{011}^{(20)}m_{012}^{(21)}m_{220}^{(00)}+2m_{011}^{(21)}m_{300}^{(10)}m_{121}^{(22)}-4m_{011}^{(21)}m_{300}^{(10)}m_{112}^{(21)}\\
&+2m_{011}^{(21)}m_{300}^{(10)}m_{103}^{(11)}-2m_{011}^{(21)}m_{300}^{(11)}m_{211}^{(22)}+2m_{011}^{(21)}m_{300}^{(11)}m_{202}^{(21)}+2m_{011}^{(21)}m_{300}^{(11)}m_{112}^{(20)}\\
&-2m_{011}^{(21)}m_{300}^{(11)}m_{103}^{(10)}-2m_{011}^{(21)}m_{300}^{(20)}m_{130}^{(22)}+4m_{011}^{(21)}m_{300}^{(20)}m_{121}^{(21)}-2m_{011}^{(21)}m_{300}^{(20)}m_{112}^{(11)}\\
&+2m_{011}^{(21)}m_{300}^{(21)}m_{220}^{(22)}-2m_{011}^{(21)}m_{300}^{(21)}m_{202}^{(11)}-4m_{011}^{(21)}m_{300}^{(21)}m_{121}^{(20)}+4m_{011}^{(21)}m_{300}^{(21)}m_{112}^{(10)}\\
&-2m_{011}^{(21)}m_{300}^{(22)}m_{220}^{(21)}+2m_{011}^{(21)}m_{300}^{(22)}m_{211}^{(11)}+2m_{011}^{(21)}m_{300}^{(22)}m_{130}^{(20)}-2m_{011}^{(21)}m_{300}^{(22)}m_{121}^{(10)}\\
&-2m_{011}^{(21)}m_{210}^{(00)}m_{121}^{(22)}+4m_{011}^{(21)}m_{210}^{(00)}m_{112}^{(21)}-2m_{011}^{(21)}m_{210}^{(00)}m_{103}^{(11)}+2m_{011}^{(21)}m_{210}^{(11)}m_{301}^{(22)}\\
&-4m_{011}^{(21)}m_{210}^{(11)}m_{202}^{(20)}+2m_{011}^{(21)}m_{210}^{(11)}m_{103}^{(00)}+4m_{011}^{(21)}m_{210}^{(20)}m_{220}^{(22)}-8m_{011}^{(21)}m_{210}^{(20)}m_{211}^{(21)}\\
&+4m_{011}^{(21)}m_{210}^{(20)}m_{202}^{(11)}-4m_{011}^{(21)}m_{210}^{(21)}m_{310}^{(22)}+8m_{011}^{(21)}m_{210}^{(21)}m_{211}^{(20)}-4m_{011}^{(21)}m_{210}^{(21)}m_{112}^{(00)}\\
&+4m_{011}^{(21)}m_{210}^{(22)}m_{310}^{(21)}-2m_{011}^{(21)}m_{210}^{(22)}m_{301}^{(11)}-4m_{011}^{(21)}m_{210}^{(22)}m_{220}^{(20)}+2m_{011}^{(21)}m_{210}^{(22)}m_{121}^{(00)}\\
&+2m_{011}^{(21)}m_{201}^{(00)}m_{130}^{(22)}-4m_{011}^{(21)}m_{201}^{(00)}m_{121}^{(21)}+2m_{011}^{(21)}m_{201}^{(00)}m_{112}^{(11)}-4m_{011}^{(21)}m_{201}^{(10)}m_{220}^{(22)}\\
&+8m_{011}^{(21)}m_{201}^{(10)}m_{211}^{(21)}-4m_{011}^{(21)}m_{201}^{(10)}m_{202}^{(11)}+2m_{011}^{(21)}m_{201}^{(11)}m_{310}^{(22)}-4m_{011}^{(21)}m_{201}^{(11)}m_{301}^{(21)}\\
&+4m_{011}^{(21)}m_{201}^{(11)}m_{202}^{(10)}-2m_{011}^{(21)}m_{201}^{(11)}m_{112}^{(00)}+4m_{011}^{(21)}m_{201}^{(21)}m_{301}^{(11)}-8m_{011}^{(21)}m_{201}^{(21)}m_{211}^{(10)}\\
&+4m_{011}^{(21)}m_{201}^{(21)}m_{121}^{(00)}-2m_{011}^{(21)}m_{201}^{(22)}m_{310}^{(11)}+4m_{011}^{(21)}m_{201}^{(22)}m_{220}^{(10)}-2m_{011}^{(21)}m_{201}^{(22)}m_{130}^{(00)}\\
&+2m_{011}^{(21)}m_{120}^{(00)}m_{211}^{(22)}-2m_{011}^{(21)}m_{120}^{(00)}m_{202}^{(21)}-2m_{011}^{(21)}m_{120}^{(00)}m_{112}^{(20)}+2m_{011}^{(21)}m_{120}^{(00)}m_{103}^{(10)}\\
&-2m_{011}^{(21)}m_{120}^{(10)}m_{301}^{(22)}+4m_{011}^{(21)}m_{120}^{(10)}m_{202}^{(20)}-2m_{011}^{(21)}m_{120}^{(10)}m_{103}^{(00)}-2m_{011}^{(21)}m_{120}^{(20)}m_{310}^{(22)}\\
&+4m_{011}^{(21)}m_{120}^{(20)}m_{301}^{(21)}-4m_{011}^{(21)}m_{120}^{(20)}m_{202}^{(10)}+2m_{011}^{(21)}m_{120}^{(20)}m_{112}^{(00)}+2m_{011}^{(21)}m_{120}^{(21)}m_{400}^{(22)}\\
&-4m_{011}^{(21)}m_{120}^{(21)}m_{301}^{(20)}+2m_{011}^{(21)}m_{120}^{(21)}m_{202}^{(00)}-2m_{011}^{(21)}m_{120}^{(22)}m_{400}^{(21)}+2m_{011}^{(21)}m_{120}^{(22)}m_{310}^{(20)}\\
&+2m_{011}^{(21)}m_{120}^{(22)}m_{301}^{(10)}-2m_{011}^{(21)}m_{120}^{(22)}m_{211}^{(00)}-2m_{011}^{(21)}m_{111}^{(00)}m_{220}^{(22)}+2m_{011}^{(21)}m_{111}^{(00)}m_{202}^{(11)}\\
&+4m_{011}^{(21)}m_{111}^{(00)}m_{121}^{(20)}-4m_{011}^{(21)}m_{111}^{(00)}m_{112}^{(10)}+4m_{011}^{(21)}m_{111}^{(10)}m_{310}^{(22)}-8m_{011}^{(21)}m_{111}^{(10)}m_{211}^{(20)}\\
&+4m_{011}^{(21)}m_{111}^{(10)}m_{112}^{(00)}-2m_{011}^{(21)}m_{111}^{(11)}m_{400}^{(22)}+4m_{011}^{(21)}m_{111}^{(11)}m_{301}^{(20)}-2m_{011}^{(21)}m_{111}^{(11)}m_{202}^{(00)}\\
&-4m_{011}^{(21)}m_{111}^{(20)}m_{301}^{(11)}+8m_{011}^{(21)}m_{111}^{(20)}m_{211}^{(10)}-4m_{011}^{(21)}m_{111}^{(20)}m_{121}^{(00)}+2m_{011}^{(21)}m_{111}^{(22)}m_{400}^{(11)}\\
&-4m_{011}^{(21)}m_{111}^{(22)}m_{310}^{(10)}+2m_{011}^{(21)}m_{111}^{(22)}m_{220}^{(00)}+2m_{011}^{(21)}m_{102}^{(00)}m_{220}^{(21)}-2m_{011}^{(21)}m_{102}^{(00)}m_{211}^{(11)}\\
&-2m_{011}^{(21)}m_{102}^{(00)}m_{130}^{(20)}+2m_{011}^{(21)}m_{102}^{(00)}m_{121}^{(10)}-4m_{011}^{(21)}m_{102}^{(10)}m_{310}^{(21)}+2m_{011}^{(21)}m_{102}^{(10)}m_{301}^{(11)}\\
&+4m_{011}^{(21)}m_{102}^{(10)}m_{220}^{(20)}-2m_{011}^{(21)}m_{102}^{(10)}m_{121}^{(00)}+2m_{011}^{(21)}m_{102}^{(11)}m_{400}^{(21)}-2m_{011}^{(21)}m_{102}^{(11)}m_{310}^{(20)}\\
&-2m_{011}^{(21)}m_{102}^{(11)}m_{301}^{(10)}+2m_{011}^{(21)}m_{102}^{(11)}m_{211}^{(00)}+2m_{011}^{(21)}m_{102}^{(20)}m_{310}^{(11)}-4m_{011}^{(21)}m_{102}^{(20)}m_{220}^{(10)}\\
&+2m_{011}^{(21)}m_{102}^{(20)}m_{130}^{(00)}-2m_{011}^{(21)}m_{102}^{(21)}m_{400}^{(11)}+4m_{011}^{(21)}m_{102}^{(21)}m_{310}^{(10)}-2m_{011}^{(21)}m_{102}^{(21)}m_{220}^{(00)}\\
&-m_{002}^{(00)}m_{210}^{(10)}m_{031}^{(22)}+2m_{002}^{(00)}m_{210}^{(10)}m_{022}^{(21)}-m_{002}^{(00)}m_{210}^{(10)}m_{013}^{(11)}+m_{002}^{(00)}m_{210}^{(11)}m_{121}^{(22)}\\
&-m_{002}^{(00)}m_{210}^{(11)}m_{112}^{(21)}-m_{002}^{(00)}m_{210}^{(11)}m_{022}^{(20)}+m_{002}^{(00)}m_{210}^{(11)}m_{013}^{(10)}+m_{002}^{(00)}m_{210}^{(20)}m_{040}^{(22)}\\
&-2m_{002}^{(00)}m_{210}^{(20)}m_{031}^{(21)}+m_{002}^{(00)}m_{210}^{(20)}m_{022}^{(11)}-m_{002}^{(00)}m_{210}^{(21)}m_{130}^{(22)}+m_{002}^{(00)}m_{210}^{(21)}m_{112}^{(11)}\\
&+2m_{002}^{(00)}m_{210}^{(21)}m_{031}^{(20)}-2m_{002}^{(00)}m_{210}^{(21)}m_{022}^{(10)}+m_{002}^{(00)}m_{210}^{(22)}m_{130}^{(21)}-m_{002}^{(00)}m_{210}^{(22)}m_{121}^{(11)}\\
&-m_{002}^{(00)}m_{210}^{(22)}m_{040}^{(20)}+m_{002}^{(00)}m_{210}^{(22)}m_{031}^{(10)}+m_{002}^{(00)}m_{120}^{(00)}m_{031}^{(22)}-2m_{002}^{(00)}m_{120}^{(00)}m_{022}^{(21)}\\
&+m_{002}^{(00)}m_{120}^{(00)}m_{013}^{(11)}-m_{002}^{(00)}m_{120}^{(11)}m_{211}^{(22)}+2m_{002}^{(00)}m_{120}^{(11)}m_{112}^{(20)}-m_{002}^{(00)}m_{120}^{(11)}m_{013}^{(00)}\\
&-2m_{002}^{(00)}m_{120}^{(20)}m_{130}^{(22)}+4m_{002}^{(00)}m_{120}^{(20)}m_{121}^{(21)}-2m_{002}^{(00)}m_{120}^{(20)}m_{112}^{(11)}+2m_{002}^{(00)}m_{120}^{(21)}m_{220}^{(22)}\\
&-4m_{002}^{(00)}m_{120}^{(21)}m_{121}^{(20)}+2m_{002}^{(00)}m_{120}^{(21)}m_{022}^{(00)}-2m_{002}^{(00)}m_{120}^{(22)}m_{220}^{(21)}+m_{002}^{(00)}m_{120}^{(22)}m_{211}^{(11)}\\
&+2m_{002}^{(00)}m_{120}^{(22)}m_{130}^{(20)}-m_{002}^{(00)}m_{120}^{(22)}m_{031}^{(00)}-m_{002}^{(00)}m_{111}^{(00)}m_{040}^{(22)}+2m_{002}^{(00)}m_{111}^{(00)}m_{031}^{(21)}\\
&-m_{002}^{(00)}m_{111}^{(00)}m_{022}^{(11)}+2m_{002}^{(00)}m_{111}^{(10)}m_{130}^{(22)}-4m_{002}^{(00)}m_{111}^{(10)}m_{121}^{(21)}+2m_{002}^{(00)}m_{111}^{(10)}m_{112}^{(11)}\\
&-m_{002}^{(00)}m_{111}^{(11)}m_{220}^{(22)}+2m_{002}^{(00)}m_{111}^{(11)}m_{211}^{(21)}-2m_{002}^{(00)}m_{111}^{(11)}m_{112}^{(10)}+m_{002}^{(00)}m_{111}^{(11)}m_{022}^{(00)}
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&-2m_{002}^{(00)}m_{111}^{(21)}m_{211}^{(11)} + 4m_{002}^{(00)}m_{111}^{(21)}m_{121}^{(10)} - 2m_{002}^{(00)}m_{111}^{(21)}m_{031}^{(00)} + m_{002}^{(00)}m_{111}^{(22)}m_{220}^{(11)}\\
&-2m_{002}^{(00)}m_{111}^{(22)}m_{130}^{(10)} + m_{002}^{(00)}m_{111}^{(22)}m_{040}^{(00)} - m_{002}^{(00)}m_{030}^{(00)}m_{121}^{(22)} + m_{002}^{(00)}m_{030}^{(00)}m_{112}^{(21)}\\
&+m_{002}^{(00)}m_{030}^{(00)}m_{022}^{(20)} - m_{002}^{(00)}m_{030}^{(00)}m_{013}^{(10)} + m_{002}^{(00)}m_{030}^{(10)}m_{211}^{(22)} - 2m_{002}^{(00)}m_{030}^{(10)}m_{112}^{(20)}\\
&+m_{002}^{(00)}m_{030}^{(10)}m_{013}^{(00)} + m_{002}^{(00)}m_{030}^{(20)}m_{220}^{(22)} - 2m_{002}^{(00)}m_{030}^{(20)}m_{211}^{(21)} + 2m_{002}^{(00)}m_{030}^{(20)}m_{112}^{(10)}\\
&-m_{002}^{(00)}m_{030}^{(20)}m_{022}^{(00)} - m_{002}^{(00)}m_{030}^{(21)}m_{310}^{(22)} + 2m_{002}^{(00)}m_{030}^{(21)}m_{211}^{(20)} - m_{002}^{(00)}m_{030}^{(21)}m_{112}^{(00)}\\
&+m_{002}^{(00)}m_{030}^{(22)}m_{310}^{(21)} - m_{002}^{(00)}m_{030}^{(22)}m_{220}^{(20)} - m_{002}^{(00)}m_{030}^{(22)}m_{211}^{(10)} + m_{002}^{(00)}m_{030}^{(22)}m_{121}^{(00)}\\
&+m_{002}^{(00)}m_{021}^{(00)}m_{130}^{(22)} - m_{002}^{(00)}m_{021}^{(00)}m_{112}^{(11)} - 2m_{002}^{(00)}m_{021}^{(00)}m_{031}^{(20)} + 2m_{002}^{(00)}m_{021}^{(00)}m_{022}^{(10)}\\
&-2m_{002}^{(00)}m_{021}^{(10)}m_{220}^{(22)} + 4m_{002}^{(00)}m_{021}^{(10)}m_{121}^{(20)} - 2m_{002}^{(00)}m_{021}^{(10)}m_{022}^{(00)} + m_{002}^{(00)}m_{021}^{(11)}m_{310}^{(22)}\\
&-2m_{002}^{(00)}m_{021}^{(11)}m_{211}^{(20)} + m_{002}^{(00)}m_{021}^{(11)}m_{112}^{(00)} + 2m_{002}^{(00)}m_{021}^{(20)}m_{211}^{(11)} - 4m_{002}^{(00)}m_{021}^{(20)}m_{121}^{(10)}\\
&+2m_{002}^{(00)}m_{021}^{(20)}m_{031}^{(00)} - m_{002}^{(00)}m_{021}^{(22)}m_{310}^{(11)} + 2m_{002}^{(00)}m_{021}^{(22)}m_{220}^{(10)} - m_{002}^{(00)}m_{021}^{(22)}m_{130}^{(00)}\\
&-m_{002}^{(00)}m_{012}^{(00)}m_{130}^{(21)} + m_{002}^{(00)}m_{012}^{(00)}m_{121}^{(11)} + m_{002}^{(00)}m_{012}^{(00)}m_{040}^{(20)} - m_{002}^{(00)}m_{012}^{(00)}m_{031}^{(10)}\\
&+2m_{002}^{(00)}m_{012}^{(10)}m_{220}^{(21)} - m_{002}^{(00)}m_{012}^{(10)}m_{211}^{(11)} - 2m_{002}^{(00)}m_{012}^{(10)}m_{130}^{(20)} + m_{002}^{(00)}m_{012}^{(10)}m_{031}^{(00)}\\
&-m_{002}^{(00)}m_{012}^{(11)}m_{310}^{(21)} + m_{002}^{(00)}m_{012}^{(11)}m_{220}^{(20)} + m_{002}^{(00)}m_{012}^{(11)}m_{211}^{(10)} - m_{002}^{(00)}m_{012}^{(11)}m_{121}^{(00)}\\
&-m_{002}^{(00)}m_{012}^{(20)}m_{220}^{(11)} + 2m_{002}^{(00)}m_{012}^{(20)}m_{130}^{(10)} - m_{002}^{(00)}m_{012}^{(20)}m_{040}^{(00)} + m_{002}^{(00)}m_{012}^{(21)}m_{310}^{(11)}\\
&-2m_{002}^{(00)}m_{012}^{(21)}m_{220}^{(10)} + m_{002}^{(00)}m_{012}^{(21)}m_{130}^{(00)} + m_{002}^{(10)}m_{300}^{(10)}m_{031}^{(22)} - 2m_{002}^{(10)}m_{300}^{(10)}m_{022}^{(21)}\\
&+m_{002}^{(10)}m_{300}^{(10)}m_{013}^{(11)} - m_{002}^{(10)}m_{300}^{(11)}m_{121}^{(22)} + m_{002}^{(10)}m_{300}^{(11)}m_{112}^{(21)} + m_{002}^{(10)}m_{300}^{(11)}m_{022}^{(20)}\\
&-m_{002}^{(10)}m_{300}^{(11)}m_{013}^{(10)} - m_{002}^{(10)}m_{300}^{(20)}m_{040}^{(22)} + 2m_{002}^{(10)}m_{300}^{(20)}m_{031}^{(21)} - m_{002}^{(10)}m_{300}^{(20)}m_{022}^{(11)}\\
&+m_{002}^{(10)}m_{300}^{(21)}m_{130}^{(22)} - m_{002}^{(10)}m_{300}^{(21)}m_{112}^{(11)} - 2m_{002}^{(10)}m_{300}^{(21)}m_{031}^{(20)} + 2m_{002}^{(10)}m_{300}^{(21)}m_{022}^{(10)}\\
&-m_{002}^{(10)}m_{300}^{(22)}m_{130}^{(21)} + m_{002}^{(10)}m_{300}^{(22)}m_{121}^{(11)} + m_{002}^{(10)}m_{300}^{(22)}m_{040}^{(20)} - m_{002}^{(10)}m_{300}^{(22)}m_{031}^{(10)}\\
&-m_{002}^{(10)}m_{210}^{(00)}m_{031}^{(22)} + 2m_{002}^{(10)}m_{210}^{(00)}m_{022}^{(21)} - m_{002}^{(10)}m_{210}^{(00)}m_{013}^{(11)} + m_{002}^{(10)}m_{210}^{(10)}m_{121}^{(22)}\\
&-2m_{002}^{(10)}m_{210}^{(10)}m_{112}^{(21)} + m_{002}^{(10)}m_{210}^{(10)}m_{103}^{(11)} + m_{002}^{(10)}m_{210}^{(11)}m_{202}^{(21)} - m_{002}^{(10)}m_{210}^{(11)}m_{112}^{(20)}\\
&-m_{002}^{(10)}m_{210}^{(11)}m_{103}^{(10)} + m_{002}^{(10)}m_{210}^{(11)}m_{013}^{(00)} + m_{002}^{(10)}m_{210}^{(20)}m_{130}^{(22)} - 2m_{002}^{(10)}m_{210}^{(20)}m_{121}^{(21)}\\
&+m_{002}^{(10)}m_{210}^{(20)}m_{112}^{(11)} - m_{002}^{(10)}m_{210}^{(21)}m_{220}^{(22)} - m_{002}^{(10)}m_{210}^{(21)}m_{202}^{(11)} + 2m_{002}^{(10)}m_{210}^{(21)}m_{121}^{(20)}\\
&+2m_{002}^{(10)}m_{210}^{(21)}m_{112}^{(10)} - 2m_{002}^{(10)}m_{210}^{(21)}m_{022}^{(00)} + m_{002}^{(10)}m_{210}^{(22)}m_{220}^{(21)} - m_{002}^{(10)}m_{210}^{(22)}m_{130}^{(20)}\\
&-m_{002}^{(10)}m_{210}^{(22)}m_{121}^{(10)} + m_{002}^{(10)}m_{210}^{(22)}m_{031}^{(00)} + m_{002}^{(10)}m_{201}^{(00)}m_{040}^{(22)} - 2m_{002}^{(10)}m_{201}^{(00)}m_{031}^{(21)}\\
&+m_{002}^{(10)}m_{201}^{(00)}m_{022}^{(11)} - 2m_{002}^{(10)}m_{201}^{(10)}m_{130}^{(22)} + 4m_{002}^{(10)}m_{201}^{(10)}m_{121}^{(21)} - 2m_{002}^{(10)}m_{201}^{(10)}m_{112}^{(11)}\\
&+m_{002}^{(10)}m_{201}^{(11)}m_{220}^{(22)} - 2m_{002}^{(10)}m_{201}^{(11)}m_{211}^{(21)} + 2m_{002}^{(10)}m_{201}^{(11)}m_{112}^{(10)} - m_{002}^{(10)}m_{201}^{(11)}m_{022}^{(00)}\\
&+2m_{002}^{(10)}m_{201}^{(21)}m_{211}^{(11)} - 4m_{002}^{(10)}m_{201}^{(21)}m_{121}^{(10)} + 2m_{002}^{(10)}m_{201}^{(21)}m_{031}^{(00)} - m_{002}^{(10)}m_{201}^{(22)}m_{220}^{(11)}\\
&+2m_{002}^{(10)}m_{201}^{(22)}m_{130}^{(10)} - m_{002}^{(10)}m_{201}^{(22)}m_{040}^{(00)} + m_{002}^{(10)}m_{120}^{(00)}m_{112}^{(21)} - m_{002}^{(10)}m_{120}^{(00)}m_{103}^{(11)}\\
&-m_{002}^{(10)}m_{120}^{(00)}m_{022}^{(20)} + m_{002}^{(10)}m_{120}^{(00)}m_{013}^{(10)} - m_{002}^{(10)}m_{120}^{(10)}m_{211}^{(22)} + 2m_{002}^{(10)}m_{120}^{(10)}m_{112}^{(20)}\\
&-m_{002}^{(10)}m_{120}^{(10)}m_{013}^{(00)} + m_{002}^{(10)}m_{120}^{(11)}m_{301}^{(22)} - 2m_{002}^{(10)}m_{120}^{(11)}m_{202}^{(20)} + m_{002}^{(10)}m_{120}^{(11)}m_{103}^{(00)}\\
&+m_{002}^{(10)}m_{120}^{(20)}m_{220}^{(22)} - 2m_{002}^{(10)}m_{120}^{(20)}m_{211}^{(21)} + 2m_{002}^{(10)}m_{120}^{(20)}m_{202}^{(11)} - 2m_{002}^{(10)}m_{120}^{(20)}m_{112}^{(10)}\\
&+m_{002}^{(10)}m_{120}^{(20)}m_{022}^{(00)} - m_{002}^{(10)}m_{120}^{(21)}m_{310}^{(22)} + 2m_{002}^{(10)}m_{120}^{(21)}m_{211}^{(20)} - m_{002}^{(10)}m_{120}^{(21)}m_{112}^{(00)}\\
&+m_{002}^{(10)}m_{120}^{(22)}m_{310}^{(21)} - m_{002}^{(10)}m_{120}^{(22)}m_{301}^{(11)} - m_{002}^{(10)}m_{120}^{(22)}m_{220}^{(20)} + m_{002}^{(10)}m_{120}^{(22)}m_{211}^{(10)}\\
&-2m_{002}^{(10)}m_{111}^{(00)}m_{121}^{(21)} + 2m_{002}^{(10)}m_{111}^{(00)}m_{112}^{(11)} + 2m_{002}^{(10)}m_{111}^{(00)}m_{031}^{(20)} - 2m_{002}^{(10)}m_{111}^{(00)}m_{022}^{(10)}\\
&+4m_{002}^{(10)}m_{111}^{(10)}m_{211}^{(21)} - 2m_{002}^{(10)}m_{111}^{(10)}m_{202}^{(11)} - 4m_{002}^{(10)}m_{111}^{(10)}m_{121}^{(20)} + 2m_{002}^{(10)}m_{111}^{(10)}m_{022}^{(00)}\\
&-2m_{002}^{(10)}m_{111}^{(11)}m_{301}^{(21)} + 2m_{002}^{(10)}m_{111}^{(11)}m_{211}^{(20)} + 2m_{002}^{(10)}m_{111}^{(11)}m_{202}^{(10)} - 2m_{002}^{(10)}m_{111}^{(11)}m_{112}^{(00)}\\
&-2m_{002}^{(10)}m_{111}^{(20)}m_{211}^{(11)} + 4m_{002}^{(10)}m_{111}^{(20)}m_{121}^{(10)} - 2m_{002}^{(10)}m_{111}^{(20)}m_{031}^{(00)} + 2m_{002}^{(10)}m_{111}^{(21)}m_{301}^{(11)}
\end{aligned}
$$

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\begin{aligned}
&-4m_{002}^{(10)}m_{111}^{(21)}m_{211}^{(10)}+2m_{002}^{(10)}m_{111}^{(21)}m_{121}^{(00)}+m_{002}^{(10)}m_{102}^{(00)}m_{130}^{(21)}-m_{002}^{(10)}m_{102}^{(00)}m_{121}^{(11)}\\
&-m_{002}^{(10)}m_{102}^{(00)}m_{040}^{(20)}+m_{002}^{(10)}m_{102}^{(00)}m_{031}^{(10)}-2m_{002}^{(10)}m_{102}^{(10)}m_{220}^{(21)}+m_{002}^{(10)}m_{102}^{(10)}m_{211}^{(11)}\\
&+2m_{002}^{(10)}m_{102}^{(10)}m_{130}^{(20)}-m_{002}^{(10)}m_{102}^{(10)}m_{031}^{(00)}+m_{002}^{(10)}m_{102}^{(11)}m_{310}^{(21)}-m_{002}^{(10)}m_{102}^{(11)}m_{220}^{(20)}\\
&-m_{002}^{(10)}m_{102}^{(11)}m_{211}^{(10)}+m_{002}^{(10)}m_{102}^{(11)}m_{121}^{(00)}+m_{002}^{(10)}m_{102}^{(20)}m_{220}^{(11)}-2m_{002}^{(10)}m_{102}^{(20)}m_{130}^{(10)}\\
&+m_{002}^{(10)}m_{102}^{(20)}m_{040}^{(00)}-m_{002}^{(10)}m_{102}^{(21)}m_{310}^{(11)}+2m_{002}^{(10)}m_{102}^{(21)}m_{220}^{(10)}-m_{002}^{(10)}m_{102}^{(21)}m_{130}^{(00)}\\
&+m_{002}^{(10)}m_{030}^{(00)}m_{211}^{(22)}-m_{002}^{(10)}m_{030}^{(00)}m_{202}^{(21)}-m_{002}^{(10)}m_{030}^{(00)}m_{112}^{(20)}+m_{002}^{(10)}m_{030}^{(00)}m_{103}^{(10)}\\
&-m_{002}^{(10)}m_{030}^{(10)}m_{301}^{(22)}+2m_{002}^{(10)}m_{030}^{(10)}m_{202}^{(20)}-m_{002}^{(10)}m_{030}^{(10)}m_{103}^{(00)}-m_{002}^{(10)}m_{030}^{(20)}m_{310}^{(22)}\\
&+2m_{002}^{(10)}m_{030}^{(20)}m_{301}^{(21)}-2m_{002}^{(10)}m_{030}^{(20)}m_{202}^{(10)}+m_{002}^{(10)}m_{030}^{(20)}m_{112}^{(00)}+m_{002}^{(10)}m_{030}^{(21)}m_{400}^{(22)}\\
&-2m_{002}^{(10)}m_{030}^{(21)}m_{301}^{(20)}+m_{002}^{(10)}m_{030}^{(21)}m_{202}^{(00)}-m_{002}^{(10)}m_{030}^{(22)}m_{400}^{(21)}+m_{002}^{(10)}m_{030}^{(22)}m_{310}^{(20)}\\
&+m_{002}^{(10)}m_{030}^{(22)}m_{301}^{(10)}-m_{002}^{(10)}m_{030}^{(22)}m_{211}^{(00)}-m_{002}^{(10)}m_{021}^{(00)}m_{220}^{(22)}+m_{002}^{(10)}m_{021}^{(00)}m_{211}^{(11)}\\
&+2m_{002}^{(10)}m_{021}^{(00)}m_{121}^{(20)}-2m_{002}^{(10)}m_{021}^{(00)}m_{112}^{(10)}+2m_{002}^{(10)}m_{021}^{(10)}m_{310}^{(22)}-4m_{002}^{(10)}m_{021}^{(10)}m_{211}^{(20)}\\
&+2m_{002}^{(10)}m_{021}^{(10)}m_{112}^{(00)}-m_{002}^{(10)}m_{021}^{(11)}m_{400}^{(22)}+2m_{002}^{(10)}m_{021}^{(11)}m_{301}^{(20)}-m_{002}^{(10)}m_{021}^{(11)}m_{202}^{(00)}\\
&-2m_{002}^{(10)}m_{021}^{(20)}m_{301}^{(11)}+4m_{002}^{(10)}m_{021}^{(20)}m_{211}^{(10)}-2m_{002}^{(10)}m_{021}^{(20)}m_{121}^{(00)}+m_{002}^{(10)}m_{021}^{(22)}m_{400}^{(11)}\\
&-2m_{002}^{(10)}m_{021}^{(22)}m_{310}^{(10)}+m_{002}^{(10)}m_{021}^{(22)}m_{220}^{(00)}+m_{002}^{(10)}m_{012}^{(00)}m_{220}^{(21)}-m_{002}^{(10)}m_{012}^{(00)}m_{211}^{(11)}\\
&-m_{002}^{(10)}m_{012}^{(00)}m_{130}^{(20)}+m_{002}^{(10)}m_{012}^{(00)}m_{121}^{(10)}-2m_{002}^{(10)}m_{012}^{(10)}m_{310}^{(21)}+m_{002}^{(10)}m_{012}^{(10)}m_{301}^{(11)}\\
&+2m_{002}^{(10)}m_{012}^{(10)}m_{220}^{(20)}-m_{002}^{(10)}m_{012}^{(10)}m_{121}^{(00)}+m_{002}^{(10)}m_{012}^{(11)}m_{400}^{(21)}-m_{002}^{(10)}m_{012}^{(11)}m_{310}^{(20)}\\
&-m_{002}^{(10)}m_{012}^{(11)}m_{301}^{(10)}+m_{002}^{(10)}m_{012}^{(11)}m_{211}^{(00)}+m_{002}^{(10)}m_{012}^{(20)}m_{310}^{(11)}-2m_{002}^{(10)}m_{012}^{(20)}m_{220}^{(10)}\\
&+m_{002}^{(10)}m_{012}^{(20)}m_{130}^{(00)}-m_{002}^{(10)}m_{012}^{(21)}m_{400}^{(11)}+2m_{002}^{(10)}m_{012}^{(21)}m_{310}^{(10)}-m_{002}^{(10)}m_{012}^{(21)}m_{220}^{(00)}\\
&-m_{002}^{(11)}m_{300}^{(10)}m_{121}^{(22)}+2m_{002}^{(11)}m_{300}^{(10)}m_{112}^{(21)}-m_{002}^{(11)}m_{300}^{(10)}m_{103}^{(11)}+m_{002}^{(11)}m_{300}^{(11)}m_{211}^{(22)}\\
&-m_{002}^{(11)}m_{300}^{(11)}m_{202}^{(21)}-m_{002}^{(11)}m_{300}^{(11)}m_{112}^{(20)}+m_{002}^{(11)}m_{300}^{(11)}m_{103}^{(10)}+m_{002}^{(11)}m_{300}^{(20)}m_{130}^{(22)}\\
&-2m_{002}^{(11)}m_{300}^{(20)}m_{121}^{(21)}+m_{002}^{(11)}m_{300}^{(20)}m_{112}^{(11)}-m_{002}^{(11)}m_{300}^{(21)}m_{220}^{(22)}+m_{002}^{(11)}m_{300}^{(21)}m_{202}^{(11)}\\
&+2m_{002}^{(11)}m_{300}^{(21)}m_{121}^{(20)}-2m_{002}^{(11)}m_{300}^{(21)}m_{112}^{(10)}+m_{002}^{(11)}m_{300}^{(22)}m_{220}^{(21)}-m_{002}^{(11)}m_{300}^{(22)}m_{211}^{(11)}\\
&-m_{002}^{(11)}m_{300}^{(22)}m_{130}^{(20)}+m_{002}^{(11)}m_{300}^{(22)}m_{121}^{(10)}+m_{002}^{(11)}m_{210}^{(00)}m_{121}^{(22)}-2m_{002}^{(11)}m_{210}^{(00)}m_{112}^{(21)}\\
&+m_{002}^{(11)}m_{210}^{(00)}m_{103}^{(11)}-m_{002}^{(11)}m_{210}^{(11)}m_{301}^{(22)}+2m_{002}^{(11)}m_{210}^{(11)}m_{202}^{(20)}-m_{002}^{(11)}m_{210}^{(11)}m_{103}^{(00)}\\
&-2m_{002}^{(11)}m_{210}^{(20)}m_{220}^{(22)}+4m_{002}^{(11)}m_{210}^{(20)}m_{211}^{(21)}-2m_{002}^{(11)}m_{210}^{(20)}m_{202}^{(11)}+2m_{002}^{(11)}m_{210}^{(21)}m_{310}^{(22)}\\
&-4m_{002}^{(11)}m_{210}^{(21)}m_{211}^{(20)}+2m_{002}^{(11)}m_{210}^{(21)}m_{112}^{(00)}-2m_{002}^{(11)}m_{210}^{(22)}m_{310}^{(21)}+m_{002}^{(11)}m_{210}^{(22)}m_{301}^{(11)}\\
&+2m_{002}^{(11)}m_{210}^{(22)}m_{220}^{(20)}-m_{002}^{(11)}m_{210}^{(22)}m_{121}^{(00)}-m_{002}^{(11)}m_{201}^{(00)}m_{130}^{(22)}+2m_{002}^{(11)}m_{201}^{(00)}m_{121}^{(21)}\\
&-m_{002}^{(11)}m_{201}^{(00)}m_{112}^{(11)}+2m_{002}^{(11)}m_{201}^{(10)}m_{220}^{(22)}-4m_{002}^{(11)}m_{201}^{(10)}m_{211}^{(21)}+2m_{002}^{(11)}m_{201}^{(10)}m_{202}^{(11)}\\
&-m_{002}^{(11)}m_{201}^{(11)}m_{310}^{(22)}+2m_{002}^{(11)}m_{201}^{(11)}m_{301}^{(21)}-2m_{002}^{(11)}m_{201}^{(11)}m_{202}^{(10)}+m_{002}^{(11)}m_{201}^{(11)}m_{112}^{(00)}\\
&-2m_{002}^{(11)}m_{201}^{(21)}m_{301}^{(11)}+4m_{002}^{(11)}m_{201}^{(21)}m_{211}^{(10)}-2m_{002}^{(11)}m_{201}^{(21)}m_{121}^{(00)}+m_{002}^{(11)}m_{201}^{(22)}m_{310}^{(11)}\\
&-2m_{002}^{(11)}m_{201}^{(22)}m_{220}^{(10)}+m_{002}^{(11)}m_{201}^{(22)}m_{130}^{(00)}-m_{002}^{(11)}m_{120}^{(00)}m_{211}^{(22)}+m_{002}^{(11)}m_{120}^{(00)}m_{202}^{(21)}\\
&+m_{002}^{(11)}m_{120}^{(00)}m_{112}^{(20)}-m_{002}^{(11)}m_{120}^{(00)}m_{103}^{(10)}+m_{002}^{(11)}m_{120}^{(10)}m_{301}^{(22)}-2m_{002}^{(11)}m_{120}^{(10)}m_{202}^{(20)}\\
&+m_{002}^{(11)}m_{120}^{(10)}m_{103}^{(00)}+m_{002}^{(11)}m_{120}^{(20)}m_{310}^{(22)}-2m_{002}^{(11)}m_{120}^{(20)}m_{301}^{(21)}+2m_{002}^{(11)}m_{120}^{(20)}m_{202}^{(10)}\\
&-m_{002}^{(11)}m_{120}^{(20)}m_{112}^{(00)}-m_{002}^{(11)}m_{120}^{(21)}m_{400}^{(22)}+2m_{002}^{(11)}m_{120}^{(21)}m_{301}^{(20)}-m_{002}^{(11)}m_{120}^{(21)}m_{202}^{(00)}\\
&+m_{002}^{(11)}m_{120}^{(22)}m_{400}^{(21)}-m_{002}^{(11)}m_{120}^{(22)}m_{310}^{(20)}-m_{002}^{(11)}m_{120}^{(22)}m_{301}^{(10)}+m_{002}^{(11)}m_{120}^{(22)}m_{211}^{(00)}\\
&+m_{002}^{(11)}m_{111}^{(00)}m_{220}^{(22)}-m_{002}^{(11)}m_{111}^{(00)}m_{202}^{(11)}-2m_{002}^{(11)}m_{111}^{(00)}m_{121}^{(20)}+2m_{002}^{(11)}m_{111}^{(00)}m_{112}^{(10)}\\
&-2m_{002}^{(11)}m_{111}^{(10)}m_{310}^{(22)}+4m_{002}^{(11)}m_{111}^{(10)}m_{211}^{(20)}-2m_{002}^{(11)}m_{111}^{(10)}m_{112}^{(00)}+m_{002}^{(11)}m_{111}^{(11)}m_{400}^{(22)}\\
&-2m_{002}^{(11)}m_{111}^{(11)}m_{301}^{(20)}+m_{002}^{(11)}m_{111}^{(11)}m_{202}^{(00)}+2m_{002}^{(11)}m_{111}^{(20)}m_{301}^{(11)}-4m_{002}^{(11)}m_{111}^{(20)}m_{211}^{(10)}
\end{aligned}
$$

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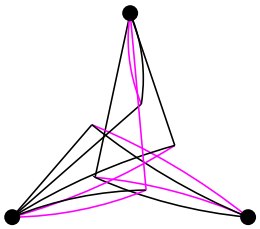
\begin{array}{l}
+2m_{002}^{(11)}m_{111}^{(20)}m_{121}^{(00)} - m_{002}^{(11)}m_{111}^{(22)}m_{400}^{(11)} + 2m_{002}^{(11)}m_{111}^{(22)}m_{310}^{(10)} - m_{002}^{(11)}m_{111}^{(22)}m_{220}^{(00)} \\
-m_{002}^{(11)}m_{102}^{(00)}m_{220}^{(21)} + m_{002}^{(11)}m_{102}^{(00)}m_{211}^{(11)} + m_{002}^{(11)}m_{102}^{(00)}m_{130}^{(20)} - m_{002}^{(11)}m_{102}^{(00)}m_{121}^{(10)} \\
+2m_{002}^{(11)}m_{102}^{(10)}m_{310}^{(21)} - m_{002}^{(11)}m_{102}^{(10)}m_{301}^{(11)} - 2m_{002}^{(11)}m_{102}^{(10)}m_{220}^{(20)} + m_{002}^{(11)}m_{102}^{(10)}m_{121}^{(00)} \\
-m_{002}^{(11)}m_{102}^{(11)}m_{400}^{(21)} + m_{002}^{(11)}m_{102}^{(11)}m_{310}^{(20)} + m_{002}^{(11)}m_{102}^{(11)}m_{301}^{(10)} - m_{002}^{(11)}m_{102}^{(11)}m_{211}^{(00)} \\
-m_{002}^{(11)}m_{102}^{(20)}m_{310}^{(11)} + 2m_{002}^{(11)}m_{102}^{(20)}m_{220}^{(10)} - m_{002}^{(11)}m_{102}^{(20)}m_{130}^{(00)} + m_{002}^{(11)}m_{102}^{(21)}m_{400}^{(11)} \\
-2m_{002}^{(11)}m_{102}^{(21)}m_{310}^{(10)} + m_{002}^{(11)}m_{102}^{(21)}m_{220}^{(00)}
\end{array}
$$

Generating graph:

$$
\begin{array}{rrrrr}
V1 & V1 & 1 & 1 & 2 \\
1 & 1 & V2 & V3 & V3 \\
V2 & 2 & 2 & 3 & 3
\end{array}
$$



$$
\begin{array}{rcl}
T_{151} & = & m_{100}^{(00)}m_{220}^{(11)}m_{013}^{(22)} - m_{100}^{(00)}m_{220}^{(11)}m_{004}^{(21)} - m_{100}^{(00)}m_{220}^{(21)}m_{022}^{(22)} + m_{100}^{(00)}m_{220}^{(21)}m_{004}^{(11)} \\
 & & +m_{100}^{(00)}m_{220}^{(22)}m_{022}^{(21)} - m_{100}^{(00)}m_{220}^{(22)}m_{013}^{(11)} - 2m_{100}^{(00)}m_{211}^{(11)}m_{022}^{(22)} + 2m_{100}^{(00)}m_{211}^{(11)}m_{013}^{(21)} \\
 & & +2m_{100}^{(00)}m_{211}^{(21)}m_{031}^{(22)} - 2m_{100}^{(00)}m_{211}^{(21)}m_{013}^{(11)} - 2m_{100}^{(00)}m_{211}^{(22)}m_{031}^{(21)} + 2m_{100}^{(00)}m_{211}^{(22)}m_{022}^{(11)} \\
 & & +m_{100}^{(00)}m_{202}^{(11)}m_{031}^{(22)} - m_{100}^{(00)}m_{202}^{(11)}m_{022}^{(21)} - m_{100}^{(00)}m_{202}^{(21)}m_{040}^{(22)} + m_{100}^{(00)}m_{202}^{(21)}m_{022}^{(11)} \\
 & & +m_{100}^{(00)}m_{202}^{(22)}m_{040}^{(21)} - m_{100}^{(00)}m_{202}^{(22)}m_{031}^{(11)} - 2m_{100}^{(00)}m_{130}^{(10)}m_{013}^{(22)} + 2m_{100}^{(00)}m_{130}^{(10)}m_{004}^{(21)} \\
 & & +2m_{100}^{(00)}m_{130}^{(20)}m_{022}^{(22)} - 2m_{100}^{(00)}m_{130}^{(20)}m_{013}^{(21)} + 2m_{100}^{(00)}m_{130}^{(21)}m_{013}^{(20)} - 2m_{100}^{(00)}m_{130}^{(21)}m_{004}^{(10)} \\
 & & -2m_{100}^{(00)}m_{130}^{(22)}m_{022}^{(20)} + 2m_{100}^{(00)}m_{130}^{(22)}m_{013}^{(10)} + 4m_{100}^{(00)}m_{121}^{(10)}m_{022}^{(22)} - 2m_{100}^{(00)}m_{121}^{(10)}m_{013}^{(21)} \\
 & & -2m_{100}^{(00)}m_{121}^{(10)}m_{004}^{(11)} - 2m_{100}^{(00)}m_{121}^{(11)}m_{013}^{(20)} + 2m_{100}^{(00)}m_{121}^{(11)}m_{004}^{(10)} - 4m_{100}^{(00)}m_{121}^{(20)}m_{031}^{(22)} \\
 & & +2m_{100}^{(00)}m_{121}^{(20)}m_{022}^{(21)} + 2m_{100}^{(00)}m_{121}^{(20)}m_{013}^{(11)} - 2m_{100}^{(00)}m_{121}^{(21)}m_{022}^{(20)} + 2m_{100}^{(00)}m_{121}^{(21)}m_{013}^{(10)} \\
 & & +4m_{100}^{(00)}m_{121}^{(22)}m_{031}^{(20)} - 4m_{100}^{(00)}m_{121}^{(22)}m_{022}^{(10)} - 2m_{100}^{(00)}m_{112}^{(10)}m_{031}^{(22)} - 2m_{100}^{(00)}m_{112}^{(10)}m_{022}^{(21)} \\
 & & +4m_{100}^{(00)}m_{112}^{(10)}m_{013}^{(11)} + 4m_{100}^{(00)}m_{112}^{(11)}m_{022}^{(20)} - 4m_{100}^{(00)}m_{112}^{(11)}m_{013}^{(10)} + 2m_{100}^{(00)}m_{112}^{(20)}m_{040}^{(22)} \\
 & & +2m_{100}^{(00)}m_{112}^{(20)}m_{031}^{(21)} - 4m_{100}^{(00)}m_{112}^{(20)}m_{022}^{(11)} - 2m_{100}^{(00)}m_{112}^{(21)}m_{031}^{(20)} + 2m_{100}^{(00)}m_{112}^{(21)}m_{022}^{(10)} \\
 & & -2m_{100}^{(00)}m_{112}^{(22)}m_{040}^{(20)} + 2m_{100}^{(00)}m_{112}^{(22)}m_{031}^{(10)} + 2m_{100}^{(00)}m_{103}^{(10)}m_{031}^{(21)} - 2m_{100}^{(00)}m_{103}^{(10)}m_{022}^{(11)} \\
 & & -2m_{100}^{(00)}m_{103}^{(11)}m_{031}^{(20)} + 2m_{100}^{(00)}m_{103}^{(11)}m_{022}^{(10)} - 2m_{100}^{(00)}m_{103}^{(20)}m_{040}^{(21)} + 2m_{100}^{(00)}m_{103}^{(20)}m_{031}^{(11)} \\
 & & +2m_{100}^{(00)}m_{103}^{(21)}m_{040}^{(20)} - 2m_{100}^{(00)}m_{103}^{(21)}m_{031}^{(10)} + m_{100}^{(00)}m_{040}^{(00)}m_{013}^{(22)} - m_{100}^{(00)}m_{040}^{(00)}m_{004}^{(21)} \\
 & & +m_{100}^{(00)}m_{040}^{(21)}m_{004}^{(00)} - m_{100}^{(00)}m_{040}^{(22)}m_{013}^{(00)} - 3m_{100}^{(00)}m_{031}^{(00)}m_{022}^{(22)} + 2m_{100}^{(00)}m_{031}^{(00)}m_{013}^{(21)} \\
 & & +m_{100}^{(00)}m_{031}^{(00)}m_{004}^{(11)} - m_{100}^{(00)}m_{031}^{(11)}m_{004}^{(00)} - 2m_{100}^{(00)}m_{031}^{(21)}m_{013}^{(00)} + 3m_{100}^{(00)}m_{031}^{(22)}m_{022}^{(00)}
\end{array}
$$

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\begin{aligned}
&-3m_{100}^{(00)}m_{022}^{(00)}m_{013}^{(11)} + 3m_{100}^{(00)}m_{022}^{(11)}m_{013}^{(00)} - 2m_{100}^{(10)}m_{310}^{(11)}m_{013}^{(22)} + 2m_{100}^{(10)}m_{310}^{(11)}m_{004}^{(21)}\\
&+2m_{100}^{(10)}m_{310}^{(21)}m_{022}^{(22)} - 2m_{100}^{(10)}m_{310}^{(21)}m_{004}^{(11)} - 2m_{100}^{(10)}m_{310}^{(22)}m_{022}^{(21)} + 2m_{100}^{(10)}m_{310}^{(22)}m_{013}^{(11)}\\
&+2m_{100}^{(10)}m_{301}^{(11)}m_{022}^{(22)} - 2m_{100}^{(10)}m_{301}^{(11)}m_{013}^{(21)} - 2m_{100}^{(10)}m_{301}^{(21)}m_{031}^{(22)} + 2m_{100}^{(10)}m_{301}^{(21)}m_{013}^{(11)}\\
&+2m_{100}^{(10)}m_{301}^{(22)}m_{031}^{(21)} - 2m_{100}^{(10)}m_{301}^{(22)}m_{022}^{(11)} + 4m_{100}^{(10)}m_{220}^{(10)}m_{013}^{(22)} - 4m_{100}^{(10)}m_{220}^{(10)}m_{004}^{(21)}\\
&-4m_{100}^{(10)}m_{220}^{(20)}m_{022}^{(22)} + 4m_{100}^{(10)}m_{220}^{(20)}m_{013}^{(21)} - 4m_{100}^{(10)}m_{220}^{(21)}m_{013}^{(20)} + 4m_{100}^{(10)}m_{220}^{(21)}m_{004}^{(10)}\\
&+4m_{100}^{(10)}m_{220}^{(22)}m_{022}^{(20)} - 4m_{100}^{(10)}m_{220}^{(22)}m_{013}^{(10)} - 4m_{100}^{(10)}m_{211}^{(10)}m_{022}^{(22)} + 4m_{100}^{(10)}m_{211}^{(10)}m_{004}^{(11)}\\
&+2m_{100}^{(10)}m_{211}^{(11)}m_{112}^{(22)} - 2m_{100}^{(10)}m_{211}^{(11)}m_{103}^{(21)} + 4m_{100}^{(10)}m_{211}^{(11)}m_{013}^{(20)} - 4m_{100}^{(10)}m_{211}^{(11)}m_{004}^{(10)}\\
&+4m_{100}^{(10)}m_{211}^{(20)}m_{031}^{(22)} - 4m_{100}^{(10)}m_{211}^{(20)}m_{013}^{(11)} - 2m_{100}^{(10)}m_{211}^{(21)}m_{121}^{(22)} + 2m_{100}^{(10)}m_{211}^{(21)}m_{103}^{(11)}\\
&+2m_{100}^{(10)}m_{211}^{(22)}m_{121}^{(21)} - 2m_{100}^{(10)}m_{211}^{(22)}m_{112}^{(11)} - 4m_{100}^{(10)}m_{211}^{(22)}m_{031}^{(20)} + 4m_{100}^{(10)}m_{211}^{(22)}m_{022}^{(10)}\\
&+4m_{100}^{(10)}m_{202}^{(10)}m_{022}^{(21)} - 4m_{100}^{(10)}m_{202}^{(10)}m_{013}^{(11)} - 2m_{100}^{(10)}m_{202}^{(11)}m_{121}^{(22)} + 2m_{100}^{(10)}m_{202}^{(11)}m_{112}^{(21)}\\
&-4m_{100}^{(10)}m_{202}^{(11)}m_{022}^{(20)} + 4m_{100}^{(10)}m_{202}^{(11)}m_{013}^{(10)} - 4m_{100}^{(10)}m_{202}^{(20)}m_{031}^{(21)} + 4m_{100}^{(10)}m_{202}^{(20)}m_{022}^{(11)}\\
&+2m_{100}^{(10)}m_{202}^{(21)}m_{130}^{(22)} - 2m_{100}^{(10)}m_{202}^{(21)}m_{112}^{(11)} + 4m_{100}^{(10)}m_{202}^{(21)}m_{031}^{(20)} - 4m_{100}^{(10)}m_{202}^{(21)}m_{022}^{(10)}\\
&-2m_{100}^{(10)}m_{202}^{(22)}m_{130}^{(21)} + 2m_{100}^{(10)}m_{202}^{(22)}m_{121}^{(11)} - 2m_{100}^{(10)}m_{130}^{(00)}m_{013}^{(22)} + 2m_{100}^{(10)}m_{130}^{(00)}m_{004}^{(21)}\\
&+4m_{100}^{(10)}m_{130}^{(20)}m_{112}^{(22)} - 4m_{100}^{(10)}m_{130}^{(20)}m_{103}^{(21)} + 4m_{100}^{(10)}m_{130}^{(21)}m_{103}^{(20)} - 2m_{100}^{(10)}m_{130}^{(21)}m_{004}^{(00)}\\
&-4m_{100}^{(10)}m_{130}^{(22)}m_{112}^{(20)} + 2m_{100}^{(10)}m_{130}^{(22)}m_{013}^{(00)} + 4m_{100}^{(10)}m_{121}^{(00)}m_{022}^{(22)} - 2m_{100}^{(10)}m_{121}^{(00)}m_{013}^{(21)}\\
&-2m_{100}^{(10)}m_{121}^{(00)}m_{004}^{(11)} - 8m_{100}^{(10)}m_{121}^{(10)}m_{112}^{(22)} + 8m_{100}^{(10)}m_{121}^{(10)}m_{103}^{(21)} - 4m_{100}^{(10)}m_{121}^{(11)}m_{103}^{(20)}\\
&+2m_{100}^{(10)}m_{121}^{(11)}m_{004}^{(00)} - 4m_{100}^{(10)}m_{121}^{(20)}m_{112}^{(21)} + 4m_{100}^{(10)}m_{121}^{(20)}m_{103}^{(11)} + 4m_{100}^{(10)}m_{121}^{(21)}m_{112}^{(20)}\\
&-8m_{100}^{(10)}m_{121}^{(21)}m_{103}^{(10)} + 2m_{100}^{(10)}m_{121}^{(21)}m_{013}^{(00)} + 8m_{100}^{(10)}m_{121}^{(22)}m_{112}^{(10)} - 4m_{100}^{(10)}m_{121}^{(22)}m_{022}^{(00)}\\
&-2m_{100}^{(10)}m_{112}^{(00)}m_{031}^{(22)} - 2m_{100}^{(10)}m_{112}^{(00)}m_{022}^{(21)} + 4m_{100}^{(10)}m_{112}^{(00)}m_{013}^{(11)} - 8m_{100}^{(10)}m_{112}^{(10)}m_{103}^{(11)}\\
&+8m_{100}^{(10)}m_{112}^{(11)}m_{103}^{(10)} - 4m_{100}^{(10)}m_{112}^{(11)}m_{013}^{(00)} + 2m_{100}^{(10)}m_{112}^{(21)}m_{022}^{(00)} + 2m_{100}^{(10)}m_{112}^{(22)}m_{031}^{(00)}\\
&+2m_{100}^{(10)}m_{103}^{(00)}m_{031}^{(21)} - 2m_{100}^{(10)}m_{103}^{(00)}m_{022}^{(11)} + 2m_{100}^{(10)}m_{103}^{(11)}m_{022}^{(00)} - 2m_{100}^{(10)}m_{103}^{(21)}m_{031}^{(00)}\\
&+m_{100}^{(11)}m_{400}^{(11)}m_{013}^{(22)} - m_{100}^{(11)}m_{400}^{(11)}m_{004}^{(21)} - m_{100}^{(11)}m_{400}^{(21)}m_{022}^{(22)} + m_{100}^{(11)}m_{400}^{(21)}m_{004}^{(11)}\\
&+m_{100}^{(11)}m_{400}^{(22)}m_{022}^{(21)} - m_{100}^{(11)}m_{400}^{(22)}m_{013}^{(11)} - 2m_{100}^{(11)}m_{310}^{(10)}m_{013}^{(22)} + 2m_{100}^{(11)}m_{310}^{(10)}m_{004}^{(21)}\\
&+2m_{100}^{(11)}m_{310}^{(20)}m_{022}^{(22)} - 2m_{100}^{(11)}m_{310}^{(20)}m_{013}^{(21)} + 2m_{100}^{(11)}m_{310}^{(21)}m_{013}^{(20)} - 2m_{100}^{(11)}m_{310}^{(21)}m_{004}^{(10)}\\
&-2m_{100}^{(11)}m_{310}^{(22)}m_{022}^{(20)} + 2m_{100}^{(11)}m_{310}^{(22)}m_{013}^{(10)} + 2m_{100}^{(11)}m_{301}^{(10)}m_{013}^{(21)} - 2m_{100}^{(11)}m_{301}^{(10)}m_{004}^{(11)}\\
&-2m_{100}^{(11)}m_{301}^{(11)}m_{112}^{(22)} + 2m_{100}^{(11)}m_{301}^{(11)}m_{103}^{(21)} - 2m_{100}^{(11)}m_{301}^{(11)}m_{013}^{(20)} + 2m_{100}^{(11)}m_{301}^{(11)}m_{004}^{(10)}\\
&-2m_{100}^{(11)}m_{301}^{(20)}m_{022}^{(21)} + 2m_{100}^{(11)}m_{301}^{(20)}m_{013}^{(11)} + 2m_{100}^{(11)}m_{301}^{(21)}m_{121}^{(22)} - 2m_{100}^{(11)}m_{301}^{(21)}m_{103}^{(11)}\\
&+2m_{100}^{(11)}m_{301}^{(21)}m_{022}^{(20)} - 2m_{100}^{(11)}m_{301}^{(21)}m_{013}^{(10)} - 2m_{100}^{(11)}m_{301}^{(22)}m_{121}^{(21)} + 2m_{100}^{(11)}m_{301}^{(22)}m_{112}^{(11)}\\
&+m_{100}^{(11)}m_{220}^{(00)}m_{013}^{(22)} - m_{100}^{(11)}m_{220}^{(00)}m_{004}^{(21)} - 2m_{100}^{(11)}m_{220}^{(20)}m_{112}^{(22)} + 2m_{100}^{(11)}m_{220}^{(20)}m_{103}^{(21)}\\
&+m_{100}^{(11)}m_{220}^{(21)}m_{202}^{(22)} - 2m_{100}^{(11)}m_{220}^{(21)}m_{103}^{(20)} + m_{100}^{(11)}m_{220}^{(21)}m_{004}^{(00)} - m_{100}^{(11)}m_{220}^{(22)}m_{202}^{(21)}\\
&+2m_{100}^{(11)}m_{220}^{(22)}m_{112}^{(20)} - m_{100}^{(11)}m_{220}^{(22)}m_{013}^{(00)} - m_{100}^{(11)}m_{211}^{(00)}m_{022}^{(22)} + m_{100}^{(11)}m_{211}^{(00)}m_{004}^{(11)}\\
&+6m_{100}^{(11)}m_{211}^{(10)}m_{112}^{(22)} - 6m_{100}^{(11)}m_{211}^{(10)}m_{103}^{(21)} - m_{100}^{(11)}m_{211}^{(11)}m_{202}^{(22)} + 2m_{100}^{(11)}m_{211}^{(11)}m_{103}^{(20)}\\
&-m_{100}^{(11)}m_{211}^{(11)}m_{004}^{(00)} - 4m_{100}^{(11)}m_{211}^{(20)}m_{121}^{(22)} + 6m_{100}^{(11)}m_{211}^{(20)}m_{112}^{(21)} - 2m_{100}^{(11)}m_{211}^{(20)}m_{103}^{(11)}\\
&-6m_{100}^{(11)}m_{211}^{(21)}m_{112}^{(20)} + 6m_{100}^{(11)}m_{211}^{(21)}m_{103}^{(10)} + m_{100}^{(11)}m_{211}^{(22)}m_{202}^{(11)} + 4m_{100}^{(11)}m_{211}^{(22)}m_{121}^{(20)}\\
&-6m_{100}^{(11)}m_{211}^{(22)}m_{112}^{(10)} + m_{100}^{(11)}m_{211}^{(22)}m_{022}^{(00)} + m_{100}^{(11)}m_{202}^{(00)}m_{022}^{(21)} - m_{100}^{(11)}m_{202}^{(00)}m_{013}^{(11)}\\
&-6m_{100}^{(11)}m_{202}^{(10)}m_{112}^{(21)} + 6m_{100}^{(11)}m_{202}^{(10)}m_{103}^{(11)} + 4m_{100}^{(11)}m_{202}^{(11)}m_{112}^{(20)} - 6m_{100}^{(11)}m_{202}^{(11)}m_{103}^{(10)}\\
&+m_{100}^{(11)}m_{202}^{(11)}m_{013}^{(00)} + 4m_{100}^{(11)}m_{202}^{(20)}m_{121}^{(21)} - 4m_{100}^{(11)}m_{202}^{(20)}m_{112}^{(11)} - 4m_{100}^{(11)}m_{202}^{(21)}m_{121}^{(20)}\\
&+6m_{100}^{(11)}m_{202}^{(21)}m_{112}^{(10)} - m_{100}^{(11)}m_{202}^{(21)}m_{022}^{(00)} - 2m_{100}^{(11)}m_{121}^{(00)}m_{112}^{(22)} + 2m_{100}^{(11)}m_{121}^{(00)}m_{103}^{(21)}
\end{aligned}
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\begin{aligned}
&-2m_{100}^{(11)}m_{121}^{(21)}m_{103}^{(00)} + 2m_{100}^{(11)}m_{121}^{(22)}m_{112}^{(00)} - 2m_{100}^{(11)}m_{112}^{(00)}m_{103}^{(11)} + 2m_{100}^{(11)}m_{112}^{(11)}m_{103}^{(00)} \\
&+2m_{100}^{(20)}m_{310}^{(11)}m_{022}^{(22)} - 2m_{100}^{(20)}m_{310}^{(11)}m_{013}^{(21)} - 2m_{100}^{(20)}m_{310}^{(21)}m_{031}^{(22)} + 2m_{100}^{(20)}m_{310}^{(21)}m_{013}^{(11)} \\
&+2m_{100}^{(20)}m_{310}^{(22)}m_{031}^{(21)} - 2m_{100}^{(20)}m_{310}^{(22)}m_{022}^{(11)} - 2m_{100}^{(20)}m_{301}^{(11)}m_{031}^{(22)} + 2m_{100}^{(20)}m_{301}^{(11)}m_{022}^{(21)} \\
&+2m_{100}^{(20)}m_{301}^{(21)}m_{040}^{(22)} - 2m_{100}^{(20)}m_{301}^{(21)}m_{022}^{(11)} - 2m_{100}^{(20)}m_{301}^{(22)}m_{040}^{(21)} + 2m_{100}^{(20)}m_{301}^{(22)}m_{031}^{(11)} \\
&-4m_{100}^{(20)}m_{220}^{(10)}m_{022}^{(22)} + 4m_{100}^{(20)}m_{220}^{(10)}m_{013}^{(21)} - 2m_{100}^{(20)}m_{220}^{(11)}m_{112}^{(22)} + 2m_{100}^{(20)}m_{220}^{(11)}m_{103}^{(21)} \\
&+4m_{100}^{(20)}m_{220}^{(20)}m_{031}^{(22)} - 4m_{100}^{(20)}m_{220}^{(20)}m_{022}^{(21)} + 2m_{100}^{(20)}m_{220}^{(21)}m_{121}^{(22)} - 2m_{100}^{(20)}m_{220}^{(21)}m_{103}^{(11)} \\
&+4m_{100}^{(20)}m_{220}^{(21)}m_{022}^{(20)} - 4m_{100}^{(20)}m_{220}^{(21)}m_{013}^{(10)} - 2m_{100}^{(20)}m_{220}^{(22)}m_{121}^{(21)} + 2m_{100}^{(20)}m_{220}^{(22)}m_{112}^{(11)} \\
&-4m_{100}^{(20)}m_{220}^{(22)}m_{031}^{(20)} + 4m_{100}^{(20)}m_{220}^{(22)}m_{022}^{(10)} + 4m_{100}^{(20)}m_{211}^{(10)}m_{031}^{(22)} - 4m_{100}^{(20)}m_{211}^{(10)}m_{013}^{(11)} \\
&+2m_{100}^{(20)}m_{211}^{(11)}m_{121}^{(22)} - 2m_{100}^{(20)}m_{211}^{(11)}m_{112}^{(21)} - 4m_{100}^{(20)}m_{211}^{(11)}m_{022}^{(20)} + 4m_{100}^{(20)}m_{211}^{(11)}m_{013}^{(10)} \\
&-4m_{100}^{(20)}m_{211}^{(20)}m_{040}^{(22)} + 4m_{100}^{(20)}m_{211}^{(20)}m_{022}^{(11)} - 2m_{100}^{(20)}m_{211}^{(21)}m_{130}^{(22)} + 2m_{100}^{(20)}m_{211}^{(21)}m_{112}^{(11)} \\
&+2m_{100}^{(20)}m_{211}^{(22)}m_{130}^{(21)} - 2m_{100}^{(20)}m_{211}^{(22)}m_{121}^{(11)} + 4m_{100}^{(20)}m_{211}^{(22)}m_{040}^{(20)} - 4m_{100}^{(20)}m_{211}^{(22)}m_{031}^{(10)} \\
&-4m_{100}^{(20)}m_{202}^{(10)}m_{031}^{(21)} + 4m_{100}^{(20)}m_{202}^{(10)}m_{022}^{(11)} + 4m_{100}^{(20)}m_{202}^{(11)}m_{031}^{(20)} - 4m_{100}^{(20)}m_{202}^{(11)}m_{022}^{(10)} \\
&+4m_{100}^{(20)}m_{202}^{(20)}m_{040}^{(21)} - 4m_{100}^{(20)}m_{202}^{(20)}m_{031}^{(11)} - 4m_{100}^{(20)}m_{202}^{(21)}m_{040}^{(20)} + 4m_{100}^{(20)}m_{202}^{(21)}m_{031}^{(10)} \\
&+2m_{100}^{(20)}m_{130}^{(00)}m_{022}^{(22)} - 2m_{100}^{(20)}m_{130}^{(00)}m_{013}^{(21)} + 4m_{100}^{(20)}m_{130}^{(10)}m_{112}^{(22)} - 4m_{100}^{(20)}m_{130}^{(10)}m_{103}^{(21)} \\
&-8m_{100}^{(20)}m_{130}^{(20)}m_{121}^{(22)} + 8m_{100}^{(20)}m_{130}^{(20)}m_{112}^{(21)} - 8m_{100}^{(20)}m_{130}^{(21)}m_{112}^{(20)} + 4m_{100}^{(20)}m_{130}^{(21)}m_{103}^{(10)} \\
&+2m_{100}^{(20)}m_{130}^{(21)}m_{013}^{(00)} + 8m_{100}^{(20)}m_{130}^{(22)}m_{121}^{(20)} - 4m_{100}^{(20)}m_{130}^{(22)}m_{112}^{(10)} - 2m_{100}^{(20)}m_{130}^{(22)}m_{022}^{(00)} \\
&-4m_{100}^{(20)}m_{121}^{(00)}m_{031}^{(22)} + 2m_{100}^{(20)}m_{121}^{(00)}m_{022}^{(21)} + 2m_{100}^{(20)}m_{121}^{(00)}m_{013}^{(11)} - 4m_{100}^{(20)}m_{121}^{(10)}m_{112}^{(21)} \\
&+4m_{100}^{(20)}m_{121}^{(10)}m_{103}^{(11)} + 8m_{100}^{(20)}m_{121}^{(11)}m_{112}^{(20)} - 4m_{100}^{(20)}m_{121}^{(11)}m_{103}^{(10)} - 2m_{100}^{(20)}m_{121}^{(11)}m_{013}^{(00)} \\
&-8m_{100}^{(20)}m_{121}^{(20)}m_{112}^{(11)} + 4m_{100}^{(20)}m_{121}^{(21)}m_{112}^{(10)} - 2m_{100}^{(20)}m_{121}^{(21)}m_{022}^{(00)} + 4m_{100}^{(20)}m_{121}^{(22)}m_{031}^{(00)} \\
&+2m_{100}^{(20)}m_{112}^{(00)}m_{040}^{(22)} + 2m_{100}^{(20)}m_{112}^{(00)}m_{031}^{(21)} - 4m_{100}^{(20)}m_{112}^{(00)}m_{022}^{(11)} + 4m_{100}^{(20)}m_{112}^{(11)}m_{022}^{(00)} \\
&-2m_{100}^{(20)}m_{112}^{(21)}m_{031}^{(00)} - 2m_{100}^{(20)}m_{112}^{(22)}m_{040}^{(00)} - 2m_{100}^{(20)}m_{103}^{(00)}m_{040}^{(21)} + 2m_{100}^{(20)}m_{103}^{(00)}m_{031}^{(11)} \\
&-2m_{100}^{(20)}m_{103}^{(11)}m_{031}^{(00)} + 2m_{100}^{(20)}m_{103}^{(21)}m_{040}^{(00)} - 2m_{100}^{(21)}m_{400}^{(11)}m_{022}^{(22)} + 2m_{100}^{(21)}m_{400}^{(11)}m_{013}^{(21)} \\
&+2m_{100}^{(21)}m_{400}^{(21)}m_{031}^{(22)} - 2m_{100}^{(21)}m_{400}^{(21)}m_{013}^{(11)} - 2m_{100}^{(21)}m_{400}^{(22)}m_{031}^{(21)} + 2m_{100}^{(21)}m_{400}^{(22)}m_{022}^{(11)} \\
&+4m_{100}^{(21)}m_{310}^{(10)}m_{022}^{(22)} - 4m_{100}^{(21)}m_{310}^{(10)}m_{013}^{(21)} + 2m_{100}^{(21)}m_{310}^{(11)}m_{112}^{(22)} - 2m_{100}^{(21)}m_{310}^{(11)}m_{103}^{(21)} \\
&-4m_{100}^{(21)}m_{310}^{(20)}m_{031}^{(22)} + 4m_{100}^{(21)}m_{310}^{(20)}m_{022}^{(21)} - 2m_{100}^{(21)}m_{310}^{(21)}m_{121}^{(22)} + 2m_{100}^{(21)}m_{310}^{(21)}m_{103}^{(11)} \\
&-4m_{100}^{(21)}m_{310}^{(21)}m_{022}^{(20)} + 4m_{100}^{(21)}m_{310}^{(21)}m_{013}^{(10)} + 2m_{100}^{(21)}m_{310}^{(22)}m_{121}^{(21)} - 2m_{100}^{(21)}m_{310}^{(22)}m_{112}^{(11)} \\
&+4m_{100}^{(21)}m_{310}^{(22)}m_{031}^{(20)} - 4m_{100}^{(21)}m_{310}^{(22)}m_{022}^{(10)} - 4m_{100}^{(21)}m_{301}^{(10)}m_{022}^{(21)} + 4m_{100}^{(21)}m_{301}^{(10)}m_{013}^{(11)} \\
&+2m_{100}^{(21)}m_{301}^{(11)}m_{121}^{(22)} - 2m_{100}^{(21)}m_{301}^{(11)}m_{112}^{(21)} + 4m_{100}^{(21)}m_{301}^{(11)}m_{022}^{(20)} - 4m_{100}^{(21)}m_{301}^{(11)}m_{013}^{(10)} \\
&+4m_{100}^{(21)}m_{301}^{(20)}m_{031}^{(21)} - 4m_{100}^{(21)}m_{301}^{(20)}m_{022}^{(11)} - 2m_{100}^{(21)}m_{301}^{(21)}m_{130}^{(22)} + 2m_{100}^{(21)}m_{301}^{(21)}m_{112}^{(11)} \\
&-4m_{100}^{(21)}m_{301}^{(21)}m_{031}^{(20)} + 4m_{100}^{(21)}m_{301}^{(21)}m_{022}^{(10)} + 2m_{100}^{(21)}m_{301}^{(22)}m_{130}^{(21)} - 2m_{100}^{(21)}m_{301}^{(22)}m_{121}^{(11)} \\
&-2m_{100}^{(21)}m_{220}^{(00)}m_{022}^{(22)} + 2m_{100}^{(21)}m_{220}^{(00)}m_{013}^{(21)} - 4m_{100}^{(21)}m_{220}^{(10)}m_{112}^{(22)} + 4m_{100}^{(21)}m_{220}^{(10)}m_{103}^{(21)} \\
&+8m_{100}^{(21)}m_{220}^{(20)}m_{121}^{(22)} - 8m_{100}^{(21)}m_{220}^{(20)}m_{112}^{(21)} - 2m_{100}^{(21)}m_{220}^{(21)}m_{211}^{(22)} + 8m_{100}^{(21)}m_{220}^{(21)}m_{112}^{(20)} \\
&-4m_{100}^{(21)}m_{220}^{(21)}m_{103}^{(10)} - 2m_{100}^{(21)}m_{220}^{(21)}m_{013}^{(00)} + 2m_{100}^{(21)}m_{220}^{(22)}m_{211}^{(21)} - 8m_{100}^{(21)}m_{220}^{(22)}m_{121}^{(20)} \\
&+4m_{100}^{(21)}m_{220}^{(22)}m_{112}^{(10)} + 2m_{100}^{(21)}m_{220}^{(22)}m_{022}^{(00)} + 2m_{100}^{(21)}m_{211}^{(00)}m_{031}^{(22)} - 2m_{100}^{(21)}m_{211}^{(00)}m_{013}^{(11)} \\
&-8m_{100}^{(21)}m_{211}^{(10)}m_{121}^{(22)} + 12m_{100}^{(21)}m_{211}^{(10)}m_{112}^{(21)} - 4m_{100}^{(21)}m_{211}^{(10)}m_{103}^{(11)} + 2m_{100}^{(21)}m_{211}^{(11)}m_{202}^{(21)} \\
&-8m_{100}^{(21)}m_{211}^{(11)}m_{112}^{(20)} + 4m_{100}^{(21)}m_{211}^{(11)}m_{103}^{(10)} + 2m_{100}^{(21)}m_{211}^{(11)}m_{013}^{(00)} + 4m_{100}^{(21)}m_{211}^{(20)}m_{130}^{(22)} \\
&-12m_{100}^{(21)}m_{211}^{(20)}m_{121}^{(21)} + 8m_{100}^{(21)}m_{211}^{(20)}m_{112}^{(11)} - 2m_{100}^{(21)}m_{211}^{(21)}m_{202}^{(11)} + 12m_{100}^{(21)}m_{211}^{(21)}m_{121}^{(20)} \\
&-12m_{100}^{(21)}m_{211}^{(21)}m_{112}^{(10)} - 4m_{100}^{(21)}m_{211}^{(22)}m_{130}^{(20)} + 8m_{100}^{(21)}m_{211}^{(22)}m_{121}^{(10)} - 2m_{100}^{(21)}m_{211}^{(22)}m_{031}^{(00)}
\end{aligned}
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\begin{aligned}
&-2m_{100}^{(21)}m_{202}^{(00)}m_{031}^{(21)}+2m_{100}^{(21)}m_{202}^{(00)}m_{022}^{(11)}+8m_{100}^{(21)}m_{202}^{(10)}m_{121}^{(21)}-8m_{100}^{(21)}m_{202}^{(10)}m_{112}^{(11)}\\
&-4m_{100}^{(21)}m_{202}^{(11)}m_{121}^{(20)}+8m_{100}^{(21)}m_{202}^{(11)}m_{112}^{(10)}-2m_{100}^{(21)}m_{202}^{(11)}m_{022}^{(00)}-4m_{100}^{(21)}m_{202}^{(20)}m_{130}^{(21)}\\
&+4m_{100}^{(21)}m_{202}^{(20)}m_{121}^{(11)}+4m_{100}^{(21)}m_{202}^{(21)}m_{130}^{(20)}-8m_{100}^{(21)}m_{202}^{(21)}m_{121}^{(10)}+2m_{100}^{(21)}m_{202}^{(21)}m_{031}^{(00)}\\
&+2m_{100}^{(21)}m_{130}^{(00)}m_{112}^{(22)}-2m_{100}^{(21)}m_{130}^{(00)}m_{103}^{(21)}+2m_{100}^{(21)}m_{130}^{(21)}m_{103}^{(00)}-2m_{100}^{(21)}m_{130}^{(22)}m_{112}^{(00)}\\
&-2m_{100}^{(21)}m_{121}^{(00)}m_{112}^{(21)}+2m_{100}^{(21)}m_{121}^{(00)}m_{103}^{(11)}-2m_{100}^{(21)}m_{121}^{(11)}m_{103}^{(00)}+2m_{100}^{(21)}m_{121}^{(21)}m_{112}^{(00)}\\
&+m_{100}^{(22)}m_{400}^{(11)}m_{031}^{(22)}-m_{100}^{(22)}m_{400}^{(11)}m_{022}^{(21)}-m_{100}^{(22)}m_{400}^{(21)}m_{040}^{(22)}+m_{100}^{(22)}m_{400}^{(21)}m_{022}^{(11)}\\
&+m_{100}^{(22)}m_{400}^{(22)}m_{040}^{(21)}-m_{100}^{(22)}m_{400}^{(22)}m_{031}^{(11)}-2m_{100}^{(22)}m_{310}^{(10)}m_{031}^{(22)}+2m_{100}^{(22)}m_{310}^{(10)}m_{022}^{(21)}\\
&-2m_{100}^{(22)}m_{310}^{(11)}m_{121}^{(22)}+2m_{100}^{(22)}m_{310}^{(11)}m_{112}^{(21)}+2m_{100}^{(22)}m_{310}^{(20)}m_{040}^{(22)}-2m_{100}^{(22)}m_{310}^{(20)}m_{031}^{(21)}\\
&+2m_{100}^{(22)}m_{310}^{(21)}m_{130}^{(22)}-2m_{100}^{(22)}m_{310}^{(21)}m_{112}^{(11)}+2m_{100}^{(22)}m_{310}^{(21)}m_{031}^{(20)}-2m_{100}^{(22)}m_{310}^{(21)}m_{022}^{(10)}\\
&-2m_{100}^{(22)}m_{310}^{(22)}m_{130}^{(21)}+2m_{100}^{(22)}m_{310}^{(22)}m_{121}^{(11)}-2m_{100}^{(22)}m_{310}^{(22)}m_{040}^{(20)}+2m_{100}^{(22)}m_{310}^{(22)}m_{031}^{(10)}\\
&+2m_{100}^{(22)}m_{301}^{(10)}m_{031}^{(21)}-2m_{100}^{(22)}m_{301}^{(10)}m_{022}^{(11)}-2m_{100}^{(22)}m_{301}^{(11)}m_{031}^{(20)}+2m_{100}^{(22)}m_{301}^{(11)}m_{022}^{(10)}\\
&-2m_{100}^{(22)}m_{301}^{(20)}m_{040}^{(21)}+2m_{100}^{(22)}m_{301}^{(20)}m_{031}^{(11)}+2m_{100}^{(22)}m_{301}^{(21)}m_{040}^{(20)}-2m_{100}^{(22)}m_{301}^{(21)}m_{031}^{(10)}\\
&+m_{100}^{(22)}m_{220}^{(00)}m_{031}^{(22)}-m_{100}^{(22)}m_{220}^{(00)}m_{022}^{(21)}+4m_{100}^{(22)}m_{220}^{(10)}m_{121}^{(22)}-4m_{100}^{(22)}m_{220}^{(10)}m_{112}^{(21)}\\
&+m_{100}^{(22)}m_{220}^{(11)}m_{211}^{(22)}-m_{100}^{(22)}m_{220}^{(11)}m_{202}^{(21)}-6m_{100}^{(22)}m_{220}^{(20)}m_{130}^{(22)}+6m_{100}^{(22)}m_{220}^{(20)}m_{121}^{(21)}\\
&+m_{100}^{(22)}m_{220}^{(21)}m_{202}^{(11)}-6m_{100}^{(22)}m_{220}^{(21)}m_{121}^{(20)}+4m_{100}^{(22)}m_{220}^{(21)}m_{112}^{(10)}+m_{100}^{(22)}m_{220}^{(21)}m_{022}^{(00)}\\
&-m_{100}^{(22)}m_{220}^{(22)}m_{211}^{(11)}+6m_{100}^{(22)}m_{220}^{(22)}m_{130}^{(20)}-4m_{100}^{(22)}m_{220}^{(22)}m_{121}^{(10)}-m_{100}^{(22)}m_{220}^{(22)}m_{031}^{(00)}\\
&-m_{100}^{(22)}m_{211}^{(00)}m_{040}^{(22)}+m_{100}^{(22)}m_{211}^{(00)}m_{022}^{(11)}+2m_{100}^{(22)}m_{211}^{(10)}m_{130}^{(22)}-6m_{100}^{(22)}m_{211}^{(10)}m_{121}^{(21)}\\
&+4m_{100}^{(22)}m_{211}^{(10)}m_{112}^{(11)}+6m_{100}^{(22)}m_{211}^{(11)}m_{121}^{(20)}-4m_{100}^{(22)}m_{211}^{(11)}m_{112}^{(10)}-m_{100}^{(22)}m_{211}^{(11)}m_{022}^{(00)}\\
&+6m_{100}^{(22)}m_{211}^{(20)}m_{130}^{(21)}-6m_{100}^{(22)}m_{211}^{(20)}m_{121}^{(11)}-6m_{100}^{(22)}m_{211}^{(21)}m_{130}^{(20)}+6m_{100}^{(22)}m_{211}^{(21)}m_{121}^{(10)}\\
&-2m_{100}^{(22)}m_{211}^{(22)}m_{130}^{(10)}+m_{100}^{(22)}m_{211}^{(22)}m_{040}^{(00)}+m_{100}^{(22)}m_{202}^{(00)}m_{040}^{(21)}-m_{100}^{(22)}m_{202}^{(00)}m_{031}^{(11)}\\
&-2m_{100}^{(22)}m_{202}^{(10)}m_{130}^{(21)}+2m_{100}^{(22)}m_{202}^{(10)}m_{121}^{(11)}-2m_{100}^{(22)}m_{202}^{(11)}m_{121}^{(10)}+m_{100}^{(22)}m_{202}^{(11)}m_{031}^{(00)}\\
&+2m_{100}^{(22)}m_{202}^{(21)}m_{130}^{(10)}-m_{100}^{(22)}m_{202}^{(21)}m_{040}^{(00)}-2m_{100}^{(22)}m_{130}^{(00)}m_{121}^{(22)}+2m_{100}^{(22)}m_{130}^{(00)}m_{121}^{(21)}\\
&-2m_{100}^{(22)}m_{130}^{(21)}m_{112}^{(00)}+2m_{100}^{(22)}m_{130}^{(22)}m_{121}^{(00)}-2m_{100}^{(22)}m_{121}^{(00)}m_{112}^{(11)}+2m_{100}^{(22)}m_{121}^{(11)}m_{112}^{(00)}\\
&-m_{010}^{(00)}m_{220}^{(11)}m_{103}^{(22)}+m_{010}^{(00)}m_{220}^{(11)}m_{004}^{(20)}-m_{010}^{(00)}m_{220}^{(20)}m_{022}^{(22)}+2m_{010}^{(00)}m_{220}^{(20)}m_{013}^{(21)}\\
&-m_{010}^{(00)}m_{220}^{(20)}m_{004}^{(11)}+2m_{010}^{(00)}m_{220}^{(21)}m_{112}^{(22)}-2m_{010}^{(00)}m_{220}^{(21)}m_{013}^{(20)}-2m_{010}^{(00)}m_{220}^{(22)}m_{112}^{(21)}\\
&+m_{010}^{(00)}m_{220}^{(22)}m_{103}^{(11)}+m_{010}^{(00)}m_{220}^{(22)}m_{022}^{(20)}+2m_{010}^{(00)}m_{211}^{(11)}m_{112}^{(22)}-2m_{010}^{(00)}m_{211}^{(11)}m_{013}^{(20)}\\
&+2m_{010}^{(00)}m_{211}^{(20)}m_{031}^{(22)}-4m_{010}^{(00)}m_{211}^{(20)}m_{022}^{(21)}+2m_{010}^{(00)}m_{211}^{(20)}m_{013}^{(11)}-4m_{010}^{(00)}m_{211}^{(21)}m_{121}^{(22)}\\
&+4m_{010}^{(00)}m_{211}^{(21)}m_{022}^{(20)}+4m_{010}^{(00)}m_{211}^{(22)}m_{121}^{(21)}-2m_{010}^{(00)}m_{211}^{(22)}m_{112}^{(11)}-2m_{010}^{(00)}m_{211}^{(22)}m_{031}^{(20)}\\
&-m_{010}^{(00)}m_{202}^{(11)}m_{121}^{(22)}+m_{010}^{(00)}m_{202}^{(11)}m_{022}^{(20)}-m_{010}^{(00)}m_{202}^{(20)}m_{040}^{(22)}+2m_{010}^{(00)}m_{202}^{(20)}m_{031}^{(21)}\\
&-m_{010}^{(00)}m_{202}^{(20)}m_{022}^{(11)}+2m_{010}^{(00)}m_{202}^{(21)}m_{130}^{(22)}-2m_{010}^{(00)}m_{202}^{(21)}m_{031}^{(20)}-2m_{010}^{(00)}m_{202}^{(22)}m_{130}^{(21)}\\
&+m_{010}^{(00)}m_{202}^{(22)}m_{121}^{(11)}+m_{010}^{(00)}m_{202}^{(22)}m_{040}^{(20)}+2m_{010}^{(00)}m_{130}^{(10)}m_{103}^{(22)}-2m_{010}^{(00)}m_{130}^{(10)}m_{004}^{(20)}\\
&-2m_{010}^{(00)}m_{130}^{(20)}m_{103}^{(21)}+2m_{010}^{(00)}m_{130}^{(20)}m_{004}^{(10)}+2m_{010}^{(00)}m_{130}^{(21)}m_{103}^{(20)}-2m_{010}^{(00)}m_{130}^{(22)}m_{103}^{(10)}\\
&+m_{010}^{(00)}m_{121}^{(00)}m_{022}^{(22)}-2m_{010}^{(00)}m_{121}^{(00)}m_{013}^{(21)}+m_{010}^{(00)}m_{121}^{(00)}m_{004}^{(11)}-6m_{010}^{(00)}m_{121}^{(10)}m_{112}^{(22)}\\
&+6m_{010}^{(00)}m_{121}^{(10)}m_{013}^{(20)}-m_{010}^{(00)}m_{121}^{(11)}m_{004}^{(00)}+6m_{010}^{(00)}m_{121}^{(20)}m_{112}^{(21)}-6m_{010}^{(00)}m_{121}^{(20)}m_{013}^{(10)}\\
&-6m_{010}^{(00)}m_{121}^{(21)}m_{112}^{(20)}+2m_{010}^{(00)}m_{121}^{(21)}m_{013}^{(00)}+6m_{010}^{(00)}m_{121}^{(22)}m_{112}^{(10)}-m_{010}^{(00)}m_{121}^{(22)}m_{022}^{(00)}\\
&-2m_{010}^{(00)}m_{112}^{(00)}m_{031}^{(22)}+4m_{010}^{(00)}m_{112}^{(00)}m_{022}^{(21)}-2m_{010}^{(00)}m_{112}^{(00)}m_{013}^{(11)}-6m_{010}^{(00)}m_{112}^{(10)}m_{022}^{(20)}\\
&+2m_{010}^{(00)}m_{112}^{(11)}m_{013}^{(00)}+6m_{010}^{(00)}m_{112}^{(20)}m_{022}^{(10)}-4m_{010}^{(00)}m_{112}^{(21)}m_{022}^{(00)}+2m_{010}^{(00)}m_{112}^{(22)}m_{031}^{(00)}\\
&+m_{010}^{(00)}m_{103}^{(00)}m_{040}^{(22)}-2m_{010}^{(00)}m_{103}^{(00)}m_{031}^{(21)}+m_{010}^{(00)}m_{103}^{(00)}m_{022}^{(11)}+2m_{010}^{(00)}m_{103}^{(10)}m_{031}^{(20)}
\end{aligned}
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\begin{aligned}
&-m_{010}^{(00)}m_{103}^{(11)}m_{022}^{(00)} - 2m_{010}^{(00)}m_{103}^{(20)}m_{031}^{(10)} + 2m_{010}^{(00)}m_{103}^{(21)}m_{031}^{(00)} - m_{010}^{(00)}m_{103}^{(22)}m_{040}^{(00)}\\
&+m_{010}^{(00)}m_{040}^{(00)}m_{004}^{(20)} - m_{010}^{(00)}m_{040}^{(20)}m_{004}^{(00)} - 2m_{010}^{(00)}m_{031}^{(00)}m_{013}^{(20)} - 2m_{010}^{(00)}m_{031}^{(00)}m_{004}^{(10)}\\
&+2m_{010}^{(00)}m_{031}^{(10)}m_{004}^{(00)} + 2m_{010}^{(00)}m_{031}^{(20)}m_{013}^{(00)} + 6m_{010}^{(00)}m_{022}^{(00)}m_{013}^{(10)} - 6m_{010}^{(00)}m_{022}^{(10)}m_{013}^{(00)}\\
&+2m_{010}^{(10)}m_{310}^{(11)}m_{103}^{(22)} - 2m_{010}^{(10)}m_{310}^{(11)}m_{004}^{(20)} + 2m_{010}^{(10)}m_{310}^{(20)}m_{022}^{(22)} - 4m_{010}^{(10)}m_{310}^{(20)}m_{013}^{(21)}\\
&+2m_{010}^{(10)}m_{310}^{(20)}m_{004}^{(11)} - 4m_{010}^{(10)}m_{310}^{(21)}m_{112}^{(22)} + 4m_{010}^{(10)}m_{310}^{(21)}m_{013}^{(20)} + 4m_{010}^{(10)}m_{310}^{(22)}m_{112}^{(21)}\\
&-2m_{010}^{(10)}m_{310}^{(22)}m_{103}^{(11)} - 2m_{010}^{(10)}m_{310}^{(22)}m_{022}^{(20)} - 2m_{010}^{(10)}m_{301}^{(11)}m_{112}^{(22)} + 2m_{010}^{(10)}m_{301}^{(11)}m_{013}^{(20)}\\
&-2m_{010}^{(10)}m_{301}^{(20)}m_{031}^{(22)} + 4m_{010}^{(10)}m_{301}^{(20)}m_{022}^{(21)} - 2m_{010}^{(10)}m_{301}^{(20)}m_{013}^{(11)} + 4m_{010}^{(10)}m_{301}^{(21)}m_{121}^{(22)}\\
&-4m_{010}^{(10)}m_{301}^{(21)}m_{022}^{(20)} - 4m_{010}^{(10)}m_{301}^{(22)}m_{121}^{(21)} + 2m_{010}^{(10)}m_{301}^{(22)}m_{112}^{(11)} + 2m_{010}^{(10)}m_{301}^{(22)}m_{031}^{(20)}\\
&-4m_{010}^{(10)}m_{220}^{(10)}m_{103}^{(22)} + 4m_{010}^{(10)}m_{220}^{(10)}m_{004}^{(20)} + 4m_{010}^{(10)}m_{220}^{(20)}m_{103}^{(21)} - 4m_{010}^{(10)}m_{220}^{(20)}m_{004}^{(10)}\\
&+4m_{010}^{(10)}m_{220}^{(21)}m_{202}^{(22)} - 4m_{010}^{(10)}m_{220}^{(21)}m_{103}^{(20)} - 4m_{010}^{(10)}m_{220}^{(22)}m_{202}^{(21)} + 4m_{010}^{(10)}m_{220}^{(22)}m_{103}^{(10)}\\
&-2m_{010}^{(10)}m_{211}^{(00)}m_{022}^{(22)} + 4m_{010}^{(10)}m_{211}^{(00)}m_{013}^{(21)} - 2m_{010}^{(10)}m_{211}^{(00)}m_{004}^{(11)} + 8m_{010}^{(10)}m_{211}^{(10)}m_{112}^{(22)}\\
&-8m_{010}^{(10)}m_{211}^{(10)}m_{013}^{(20)} - 4m_{010}^{(10)}m_{211}^{(11)}m_{202}^{(22)} + 2m_{010}^{(10)}m_{211}^{(11)}m_{103}^{(20)} + 2m_{010}^{(10)}m_{211}^{(11)}m_{004}^{(00)}\\
&-2m_{010}^{(10)}m_{211}^{(20)}m_{121}^{(22)} - 4m_{010}^{(10)}m_{211}^{(20)}m_{112}^{(21)} - 2m_{010}^{(10)}m_{211}^{(20)}m_{103}^{(11)} + 8m_{010}^{(10)}m_{211}^{(20)}m_{013}^{(10)}\\
&+4m_{010}^{(10)}m_{211}^{(21)}m_{112}^{(20)} - 4m_{010}^{(10)}m_{211}^{(21)}m_{013}^{(00)} + 4m_{010}^{(10)}m_{211}^{(22)}m_{202}^{(11)} + 2m_{010}^{(10)}m_{211}^{(22)}m_{121}^{(20)}\\
&-8m_{010}^{(10)}m_{211}^{(22)}m_{112}^{(10)} + 2m_{010}^{(10)}m_{211}^{(22)}m_{022}^{(00)} + 2m_{010}^{(10)}m_{202}^{(00)}m_{031}^{(22)} - 4m_{010}^{(10)}m_{202}^{(00)}m_{022}^{(21)}\\
&+2m_{010}^{(10)}m_{202}^{(00)}m_{013}^{(11)} - 4m_{010}^{(10)}m_{202}^{(10)}m_{121}^{(22)} + 4m_{010}^{(10)}m_{202}^{(10)}m_{022}^{(20)} - 2m_{010}^{(10)}m_{202}^{(11)}m_{112}^{(20)}\\
&-2m_{010}^{(10)}m_{202}^{(11)}m_{013}^{(00)} + 2m_{010}^{(10)}m_{202}^{(20)}m_{130}^{(22)} + 2m_{010}^{(10)}m_{202}^{(20)}m_{112}^{(11)} - 4m_{010}^{(10)}m_{202}^{(20)}m_{022}^{(10)}\\
&+4m_{010}^{(10)}m_{202}^{(21)}m_{022}^{(00)} - 2m_{010}^{(10)}m_{202}^{(22)}m_{130}^{(20)} + 4m_{010}^{(10)}m_{202}^{(22)}m_{121}^{(10)} - 2m_{010}^{(10)}m_{202}^{(22)}m_{031}^{(00)}\\
&+2m_{010}^{(10)}m_{130}^{(00)}m_{103}^{(22)} - 2m_{010}^{(10)}m_{130}^{(00)}m_{004}^{(20)} + 2m_{010}^{(10)}m_{130}^{(20)}m_{004}^{(00)} - 2m_{010}^{(10)}m_{130}^{(22)}m_{103}^{(00)}\\
&-2m_{010}^{(10)}m_{121}^{(00)}m_{112}^{(22)} - 4m_{010}^{(10)}m_{121}^{(00)}m_{103}^{(21)} + 2m_{010}^{(10)}m_{121}^{(00)}m_{013}^{(20)} + 4m_{010}^{(10)}m_{121}^{(00)}m_{004}^{(10)}\\
&-4m_{010}^{(10)}m_{121}^{(10)}m_{004}^{(00)} - 2m_{010}^{(10)}m_{121}^{(20)}m_{013}^{(00)} + 4m_{010}^{(10)}m_{121}^{(21)}m_{103}^{(00)} + 2m_{010}^{(10)}m_{121}^{(22)}m_{112}^{(00)}\\
&+4m_{010}^{(10)}m_{112}^{(00)}m_{103}^{(11)} + 2m_{010}^{(10)}m_{112}^{(00)}m_{022}^{(20)} - 8m_{010}^{(10)}m_{112}^{(00)}m_{013}^{(10)} + 8m_{010}^{(10)}m_{112}^{(10)}m_{013}^{(00)}\\
&-4m_{010}^{(10)}m_{112}^{(11)}m_{103}^{(00)} - 2m_{010}^{(10)}m_{112}^{(20)}m_{022}^{(00)} - 2m_{010}^{(10)}m_{103}^{(00)}m_{031}^{(20)} + 4m_{010}^{(10)}m_{103}^{(00)}m_{022}^{(10)}\\
&-4m_{010}^{(10)}m_{103}^{(10)}m_{022}^{(00)} + 2m_{010}^{(10)}m_{103}^{(20)}m_{031}^{(00)} - m_{010}^{(11)}m_{400}^{(11)}m_{103}^{(22)} + m_{010}^{(11)}m_{400}^{(11)}m_{004}^{(20)}\\
&-m_{010}^{(11)}m_{400}^{(20)}m_{022}^{(22)} + 2m_{010}^{(11)}m_{400}^{(20)}m_{013}^{(21)} - m_{010}^{(11)}m_{400}^{(20)}m_{004}^{(11)} + 2m_{010}^{(11)}m_{400}^{(21)}m_{112}^{(22)}\\
&-2m_{010}^{(11)}m_{400}^{(21)}m_{013}^{(20)} - 2m_{010}^{(11)}m_{400}^{(22)}m_{112}^{(21)} + m_{010}^{(11)}m_{400}^{(22)}m_{103}^{(11)} + m_{010}^{(11)}m_{400}^{(22)}m_{022}^{(20)}\\
&+2m_{010}^{(11)}m_{310}^{(10)}m_{103}^{(22)} - 2m_{010}^{(11)}m_{310}^{(10)}m_{004}^{(20)} - 2m_{010}^{(11)}m_{310}^{(20)}m_{103}^{(21)} + 2m_{010}^{(11)}m_{310}^{(20)}m_{004}^{(10)}\\
&-2m_{010}^{(11)}m_{310}^{(21)}m_{202}^{(22)} + 2m_{010}^{(11)}m_{310}^{(21)}m_{103}^{(20)} + 2m_{010}^{(11)}m_{310}^{(22)}m_{202}^{(21)} - 2m_{010}^{(11)}m_{310}^{(22)}m_{103}^{(10)}\\
&+m_{010}^{(11)}m_{301}^{(00)}m_{022}^{(22)} - 2m_{010}^{(11)}m_{301}^{(00)}m_{013}^{(21)} + m_{010}^{(11)}m_{301}^{(00)}m_{004}^{(11)} - 2m_{010}^{(11)}m_{301}^{(10)}m_{112}^{(22)}\\
&+2m_{010}^{(11)}m_{301}^{(10)}m_{013}^{(20)} + 3m_{010}^{(11)}m_{301}^{(11)}m_{202}^{(22)} - 2m_{010}^{(11)}m_{301}^{(11)}m_{103}^{(20)} - m_{010}^{(11)}m_{301}^{(11)}m_{004}^{(00)}\\
&+2m_{010}^{(11)}m_{301}^{(20)}m_{121}^{(22)} - 2m_{010}^{(11)}m_{301}^{(20)}m_{112}^{(21)} + 2m_{010}^{(11)}m_{301}^{(20)}m_{103}^{(11)} - 2m_{010}^{(11)}m_{301}^{(20)}m_{013}^{(10)}\\
&-4m_{010}^{(11)}m_{301}^{(21)}m_{211}^{(22)} + 2m_{010}^{(11)}m_{301}^{(21)}m_{112}^{(20)} + 2m_{010}^{(11)}m_{301}^{(21)}m_{013}^{(00)} + 4m_{010}^{(11)}m_{301}^{(22)}m_{211}^{(21)}\\
&-3m_{010}^{(11)}m_{301}^{(22)}m_{202}^{(11)} - 2m_{010}^{(11)}m_{301}^{(22)}m_{121}^{(20)} + 2m_{010}^{(11)}m_{301}^{(22)}m_{112}^{(10)} - m_{010}^{(11)}m_{301}^{(22)}m_{022}^{(00)}\\
&-m_{010}^{(11)}m_{220}^{(00)}m_{103}^{(22)} + m_{010}^{(11)}m_{220}^{(00)}m_{004}^{(20)} + m_{010}^{(11)}m_{220}^{(20)}m_{202}^{(22)} - m_{010}^{(11)}m_{220}^{(20)}m_{004}^{(00)}\\
&-m_{010}^{(11)}m_{220}^{(22)}m_{202}^{(20)} + m_{010}^{(11)}m_{220}^{(22)}m_{103}^{(00)} + 2m_{010}^{(11)}m_{211}^{(00)}m_{103}^{(21)} - 2m_{010}^{(11)}m_{211}^{(00)}m_{004}^{(10)}\\
&-4m_{010}^{(11)}m_{211}^{(10)}m_{202}^{(22)} + 2m_{010}^{(11)}m_{211}^{(10)}m_{103}^{(20)} + 2m_{010}^{(11)}m_{211}^{(10)}m_{004}^{(00)} + 2m_{010}^{(11)}m_{211}^{(20)}m_{202}^{(21)}\\
&-2m_{010}^{(11)}m_{211}^{(20)}m_{103}^{(10)} - 2m_{010}^{(11)}m_{211}^{(21)}m_{202}^{(20)} - 2m_{010}^{(11)}m_{211}^{(21)}m_{103}^{(00)} + 4m_{010}^{(11)}m_{211}^{(22)}m_{202}^{(10)}\\
&-2m_{010}^{(11)}m_{202}^{(00)}m_{121}^{(22)} + 4m_{010}^{(11)}m_{202}^{(00)}m_{112}^{(21)} - 3m_{010}^{(11)}m_{202}^{(00)}m_{103}^{(11)} - m_{010}^{(11)}m_{202}^{(00)}m_{022}^{(20)}
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\begin{aligned}
&+2m_{010}^{(11)}m_{202}^{(00)}m_{013}^{(10)} - 2m_{010}^{(11)}m_{202}^{(10)}m_{112}^{(20)} - 2m_{010}^{(11)}m_{202}^{(10)}m_{013}^{(00)} + 3m_{010}^{(11)}m_{202}^{(11)}m_{103}^{(00)} \\
&+2m_{010}^{(11)}m_{202}^{(20)}m_{112}^{(10)} + m_{010}^{(11)}m_{202}^{(20)}m_{022}^{(00)} - 4m_{010}^{(11)}m_{202}^{(21)}m_{112}^{(00)} + 2m_{010}^{(11)}m_{202}^{(22)}m_{121}^{(00)} \\
&-2m_{010}^{(11)}m_{121}^{(00)}m_{103}^{(20)} + 2m_{010}^{(11)}m_{121}^{(20)}m_{103}^{(00)} + 4m_{010}^{(11)}m_{112}^{(00)}m_{103}^{(10)} - 4m_{010}^{(11)}m_{112}^{(10)}m_{103}^{(00)} \\
&-2m_{010}^{(20)}m_{310}^{(11)}m_{112}^{(22)} + 2m_{010}^{(20)}m_{310}^{(11)}m_{013}^{(20)} - 2m_{010}^{(20)}m_{310}^{(20)}m_{031}^{(22)} + 4m_{010}^{(20)}m_{310}^{(20)}m_{022}^{(21)} \\
&-2m_{010}^{(20)}m_{310}^{(20)}m_{013}^{(11)} + 4m_{010}^{(20)}m_{310}^{(21)}m_{121}^{(22)} - 4m_{010}^{(20)}m_{310}^{(21)}m_{022}^{(20)} - 4m_{010}^{(20)}m_{310}^{(22)}m_{121}^{(21)} \\
&+2m_{010}^{(20)}m_{310}^{(22)}m_{112}^{(11)} + 2m_{010}^{(20)}m_{310}^{(22)}m_{031}^{(20)} + 2m_{010}^{(20)}m_{301}^{(11)}m_{121}^{(22)} - 2m_{010}^{(20)}m_{301}^{(11)}m_{022}^{(20)} \\
&+2m_{010}^{(20)}m_{301}^{(20)}m_{040}^{(22)} - 4m_{010}^{(20)}m_{301}^{(20)}m_{031}^{(21)} + 2m_{010}^{(20)}m_{301}^{(20)}m_{022}^{(11)} - 4m_{010}^{(20)}m_{301}^{(21)}m_{130}^{(22)} \\
&+4m_{010}^{(20)}m_{301}^{(21)}m_{031}^{(20)} + 4m_{010}^{(20)}m_{301}^{(22)}m_{130}^{(21)} - 2m_{010}^{(20)}m_{301}^{(22)}m_{121}^{(11)} - 2m_{010}^{(20)}m_{301}^{(22)}m_{040}^{(20)} \\
&+4m_{010}^{(20)}m_{220}^{(10)}m_{112}^{(22)} - 4m_{010}^{(20)}m_{220}^{(10)}m_{013}^{(20)} + 2m_{010}^{(20)}m_{220}^{(11)}m_{202}^{(22)} - 2m_{010}^{(20)}m_{220}^{(11)}m_{103}^{(20)} \\
&+2m_{010}^{(20)}m_{220}^{(20)}m_{121}^{(22)} - 8m_{010}^{(20)}m_{220}^{(20)}m_{112}^{(21)} + 2m_{010}^{(20)}m_{220}^{(20)}m_{103}^{(11)} + 4m_{010}^{(20)}m_{220}^{(20)}m_{013}^{(10)} \\
&-8m_{010}^{(20)}m_{220}^{(21)}m_{211}^{(22)} + 8m_{010}^{(20)}m_{220}^{(21)}m_{112}^{(20)} + 8m_{010}^{(20)}m_{220}^{(22)}m_{211}^{(21)} - 2m_{010}^{(20)}m_{220}^{(22)}m_{202}^{(11)} \\
&-2m_{010}^{(20)}m_{220}^{(22)}m_{121}^{(20)} - 4m_{010}^{(20)}m_{220}^{(22)}m_{112}^{(10)} + 2m_{010}^{(20)}m_{211}^{(00)}m_{031}^{(22)} - 4m_{010}^{(20)}m_{211}^{(00)}m_{022}^{(21)} \\
&+2m_{010}^{(20)}m_{211}^{(00)}m_{013}^{(11)} - 8m_{010}^{(20)}m_{211}^{(10)}m_{121}^{(22)} + 8m_{010}^{(20)}m_{211}^{(10)}m_{022}^{(20)} + 2m_{010}^{(20)}m_{211}^{(11)}m_{112}^{(20)} \\
&-2m_{010}^{(20)}m_{211}^{(11)}m_{013}^{(00)} - 2m_{010}^{(20)}m_{211}^{(20)}m_{130}^{(22)} + 12m_{010}^{(20)}m_{211}^{(20)}m_{121}^{(21)} - 2m_{010}^{(20)}m_{211}^{(20)}m_{112}^{(11)} \\
&-8m_{010}^{(20)}m_{211}^{(20)}m_{022}^{(10)} - 12m_{010}^{(20)}m_{211}^{(21)}m_{121}^{(20)} + 4m_{010}^{(20)}m_{211}^{(21)}m_{022}^{(00)} + 2m_{010}^{(20)}m_{211}^{(22)}m_{130}^{(20)} \\
&+8m_{010}^{(20)}m_{211}^{(22)}m_{121}^{(10)} - 2m_{010}^{(20)}m_{211}^{(22)}m_{031}^{(00)} - 2m_{010}^{(20)}m_{202}^{(00)}m_{040}^{(22)} + 4m_{010}^{(20)}m_{202}^{(00)}m_{031}^{(21)} \\
&-2m_{010}^{(20)}m_{202}^{(00)}m_{022}^{(11)} + 4m_{010}^{(20)}m_{202}^{(10)}m_{130}^{(22)} - 4m_{010}^{(20)}m_{202}^{(10)}m_{031}^{(20)} + 2m_{010}^{(20)}m_{202}^{(11)}m_{022}^{(00)} \\
&-4m_{010}^{(20)}m_{202}^{(20)}m_{130}^{(21)} + 4m_{010}^{(20)}m_{202}^{(20)}m_{031}^{(10)} + 4m_{010}^{(20)}m_{202}^{(21)}m_{130}^{(20)} - 4m_{010}^{(20)}m_{202}^{(21)}m_{031}^{(00)} \\
&-4m_{010}^{(20)}m_{202}^{(22)}m_{130}^{(10)} + 2m_{010}^{(20)}m_{202}^{(22)}m_{040}^{(00)} - 2m_{010}^{(20)}m_{130}^{(00)}m_{112}^{(22)} + 2m_{010}^{(20)}m_{130}^{(00)}m_{013}^{(20)} \\
&+4m_{010}^{(20)}m_{130}^{(10)}m_{103}^{(20)} - 4m_{010}^{(20)}m_{130}^{(20)}m_{103}^{(10)} - 2m_{010}^{(20)}m_{130}^{(20)}m_{013}^{(00)} + 2m_{010}^{(20)}m_{130}^{(22)}m_{112}^{(00)} \\
&+8m_{010}^{(20)}m_{121}^{(00)}m_{112}^{(21)} - 2m_{010}^{(20)}m_{121}^{(00)}m_{103}^{(11)} - 2m_{010}^{(20)}m_{121}^{(00)}m_{022}^{(20)} - 4m_{010}^{(20)}m_{121}^{(00)}m_{013}^{(10)} \\
&-12m_{010}^{(20)}m_{121}^{(10)}m_{112}^{(20)} + 4m_{010}^{(20)}m_{121}^{(10)}m_{013}^{(00)} + 2m_{010}^{(20)}m_{121}^{(11)}m_{103}^{(00)} + 12m_{010}^{(20)}m_{121}^{(20)}m_{112}^{(10)} \\
&+2m_{010}^{(20)}m_{121}^{(20)}m_{022}^{(00)} - 8m_{010}^{(20)}m_{121}^{(21)}m_{112}^{(00)} - 2m_{010}^{(20)}m_{112}^{(00)}m_{031}^{(20)} + 8m_{010}^{(20)}m_{112}^{(00)}m_{022}^{(10)} \\
&-8m_{010}^{(20)}m_{112}^{(10)}m_{022}^{(00)} + 2m_{010}^{(20)}m_{112}^{(20)}m_{031}^{(00)} + 2m_{010}^{(20)}m_{103}^{(00)}m_{040}^{(20)} - 4m_{010}^{(20)}m_{103}^{(00)}m_{031}^{(10)} \\
&+4m_{010}^{(20)}m_{103}^{(10)}m_{031}^{(00)} - 2m_{010}^{(20)}m_{103}^{(20)}m_{040}^{(00)} + 2m_{010}^{(21)}m_{400}^{(11)}m_{112}^{(22)} - 2m_{010}^{(21)}m_{400}^{(11)}m_{013}^{(20)} \\
&+2m_{010}^{(21)}m_{400}^{(20)}m_{031}^{(22)} - 4m_{010}^{(21)}m_{400}^{(20)}m_{022}^{(21)} + 2m_{010}^{(21)}m_{400}^{(20)}m_{013}^{(11)} - 4m_{010}^{(21)}m_{400}^{(21)}m_{121}^{(22)} \\
&+4m_{010}^{(21)}m_{400}^{(21)}m_{022}^{(20)} + 4m_{010}^{(21)}m_{400}^{(22)}m_{121}^{(21)} - 2m_{010}^{(21)}m_{400}^{(22)}m_{112}^{(11)} - 2m_{010}^{(21)}m_{400}^{(22)}m_{031}^{(20)} \\
&-4m_{010}^{(21)}m_{310}^{(10)}m_{112}^{(22)} + 4m_{010}^{(21)}m_{310}^{(10)}m_{013}^{(20)} - 2m_{010}^{(21)}m_{310}^{(11)}m_{202}^{(22)} + 2m_{010}^{(21)}m_{310}^{(11)}m_{103}^{(20)} \\
&-2m_{010}^{(21)}m_{310}^{(20)}m_{121}^{(22)} + 8m_{010}^{(21)}m_{310}^{(20)}m_{112}^{(21)} - 2m_{010}^{(21)}m_{310}^{(20)}m_{103}^{(11)} - 4m_{010}^{(21)}m_{310}^{(20)}m_{013}^{(10)} \\
&+8m_{010}^{(21)}m_{310}^{(21)}m_{211}^{(22)} - 8m_{010}^{(21)}m_{310}^{(21)}m_{112}^{(20)} - 8m_{010}^{(21)}m_{310}^{(22)}m_{211}^{(21)} + 2m_{010}^{(21)}m_{310}^{(22)}m_{202}^{(11)} \\
&+2m_{010}^{(21)}m_{310}^{(22)}m_{121}^{(20)} + 4m_{010}^{(21)}m_{310}^{(22)}m_{112}^{(10)} - 2m_{010}^{(21)}m_{301}^{(00)}m_{031}^{(22)} + 4m_{010}^{(21)}m_{301}^{(00)}m_{022}^{(21)} \\
&-2m_{010}^{(21)}m_{301}^{(00)}m_{013}^{(11)} + 4m_{010}^{(21)}m_{301}^{(10)}m_{121}^{(22)} - 4m_{010}^{(21)}m_{301}^{(10)}m_{022}^{(20)} - 4m_{010}^{(21)}m_{301}^{(11)}m_{211}^{(22)} \\
&+2m_{010}^{(21)}m_{301}^{(11)}m_{112}^{(20)} + 2m_{010}^{(21)}m_{301}^{(11)}m_{013}^{(00)} - 2m_{010}^{(21)}m_{301}^{(20)}m_{130}^{(22)} - 2m_{010}^{(21)}m_{301}^{(20)}m_{112}^{(11)} \\
&+4m_{010}^{(21)}m_{301}^{(20)}m_{022}^{(10)} + 4m_{010}^{(21)}m_{301}^{(21)}m_{220}^{(22)} - 4m_{010}^{(21)}m_{301}^{(21)}m_{022}^{(00)} - 4m_{010}^{(21)}m_{301}^{(22)}m_{220}^{(21)} \\
&+4m_{010}^{(21)}m_{301}^{(22)}m_{211}^{(11)} + 2m_{010}^{(21)}m_{301}^{(22)}m_{130}^{(20)} - 4m_{010}^{(21)}m_{301}^{(22)}m_{121}^{(10)} + 2m_{010}^{(21)}m_{301}^{(22)}m_{031}^{(00)} \\
&+2m_{010}^{(21)}m_{220}^{(00)}m_{112}^{(22)} - 2m_{010}^{(21)}m_{220}^{(00)}m_{013}^{(20)} + 4m_{010}^{(21)}m_{220}^{(10)}m_{202}^{(22)} - 4m_{010}^{(21)}m_{220}^{(10)}m_{103}^{(20)} \\
&-2m_{010}^{(21)}m_{220}^{(20)}m_{211}^{(22)} - 4m_{010}^{(21)}m_{220}^{(20)}m_{202}^{(21)} + 4m_{010}^{(21)}m_{220}^{(20)}m_{103}^{(10)} + 2m_{010}^{(21)}m_{220}^{(20)}m_{013}^{(00)} \\
&+4m_{010}^{(21)}m_{220}^{(21)}m_{202}^{(20)} + 2m_{010}^{(21)}m_{220}^{(22)}m_{211}^{(20)} - 4m_{010}^{(21)}m_{220}^{(22)}m_{202}^{(10)} - 2m_{010}^{(21)}m_{220}^{(22)}m_{112}^{(00)}
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&+2m_{010}^{(21)}m_{211}^{(00)}m_{121}^{(22)} - 8m_{010}^{(21)}m_{211}^{(00)}m_{112}^{(21)} + 2m_{010}^{(21)}m_{211}^{(00)}m_{103}^{(11)} + 4m_{010}^{(21)}m_{211}^{(00)}m_{013}^{(10)}\\
&+4m_{010}^{(21)}m_{211}^{(10)}m_{112}^{(20)} - 4m_{010}^{(21)}m_{211}^{(10)}m_{013}^{(00)} - 2m_{010}^{(21)}m_{211}^{(11)}m_{202}^{(20)} - 2m_{010}^{(21)}m_{211}^{(11)}m_{103}^{(00)}\\
&+2m_{010}^{(21)}m_{211}^{(20)}m_{202}^{(11)} - 4m_{010}^{(21)}m_{211}^{(20)}m_{112}^{(10)} + 8m_{010}^{(21)}m_{211}^{(21)}m_{112}^{(00)} - 2m_{010}^{(21)}m_{211}^{(22)}m_{121}^{(00)}\\
&+2m_{010}^{(21)}m_{202}^{(00)}m_{130}^{(22)} - 4m_{010}^{(21)}m_{202}^{(00)}m_{121}^{(21)} + 4m_{010}^{(21)}m_{202}^{(11)}m_{112}^{(20)} + 2m_{010}^{(21)}m_{202}^{(00)}m_{031}^{(20)}\\
&-4m_{010}^{(21)}m_{202}^{(00)}m_{022}^{(10)} + 4m_{010}^{(21)}m_{202}^{(10)}m_{022}^{(00)} - 4m_{010}^{(21)}m_{202}^{(11)}m_{112}^{(00)} - 2m_{010}^{(21)}m_{202}^{(20)}m_{031}^{(00)}\\
&+4m_{010}^{(21)}m_{202}^{(21)}m_{121}^{(00)} - 2m_{010}^{(21)}m_{202}^{(22)}m_{130}^{(00)} + 2m_{010}^{(21)}m_{130}^{(00)}m_{103}^{(20)} - 2m_{010}^{(21)}m_{130}^{(20)}m_{103}^{(00)}\\
&+2m_{010}^{(21)}m_{121}^{(00)}m_{112}^{(20)} - 4m_{010}^{(21)}m_{121}^{(00)}m_{103}^{(10)} + 4m_{010}^{(21)}m_{121}^{(10)}m_{103}^{(00)} - 2m_{010}^{(21)}m_{121}^{(20)}m_{112}^{(00)}\\
&-m_{010}^{(22)}m_{400}^{(11)}m_{121}^{(22)} + m_{010}^{(22)}m_{400}^{(11)}m_{022}^{(20)} - m_{010}^{(22)}m_{400}^{(20)}m_{040}^{(22)} + 2m_{010}^{(22)}m_{400}^{(20)}m_{031}^{(21)}\\
&-m_{010}^{(22)}m_{400}^{(20)}m_{022}^{(11)} + 2m_{010}^{(22)}m_{400}^{(21)}m_{130}^{(22)} - 2m_{010}^{(22)}m_{400}^{(21)}m_{031}^{(20)} - 2m_{010}^{(22)}m_{400}^{(22)}m_{130}^{(21)}\\
&+m_{010}^{(22)}m_{400}^{(22)}m_{121}^{(11)} + m_{010}^{(22)}m_{400}^{(22)}m_{040}^{(20)} + 2m_{010}^{(22)}m_{310}^{(10)}m_{121}^{(22)} - 2m_{010}^{(22)}m_{310}^{(10)}m_{022}^{(20)}\\
&+2m_{010}^{(22)}m_{310}^{(11)}m_{211}^{(22)} - 2m_{010}^{(22)}m_{310}^{(11)}m_{112}^{(20)} + 2m_{010}^{(22)}m_{310}^{(20)}m_{130}^{(22)} - 6m_{010}^{(22)}m_{310}^{(20)}m_{121}^{(21)}\\
&+2m_{010}^{(22)}m_{310}^{(20)}m_{112}^{(11)} + 2m_{010}^{(22)}m_{310}^{(20)}m_{022}^{(10)} - 6m_{010}^{(22)}m_{310}^{(21)}m_{220}^{(22)} + 6m_{010}^{(22)}m_{310}^{(21)}m_{121}^{(20)}\\
&+6m_{010}^{(22)}m_{310}^{(22)}m_{220}^{(21)} - 2m_{010}^{(22)}m_{310}^{(22)}m_{211}^{(11)} - 2m_{010}^{(22)}m_{310}^{(22)}m_{130}^{(20)} - 2m_{010}^{(22)}m_{310}^{(22)}m_{121}^{(10)}\\
&+m_{010}^{(22)}m_{301}^{(00)}m_{040}^{(22)} - 2m_{010}^{(22)}m_{301}^{(00)}m_{031}^{(21)} + m_{010}^{(22)}m_{301}^{(00)}m_{022}^{(11)} - 2m_{010}^{(22)}m_{301}^{(10)}m_{130}^{(22)}\\
&+2m_{010}^{(22)}m_{301}^{(10)}m_{031}^{(20)} + m_{010}^{(22)}m_{301}^{(11)}m_{220}^{(22)} - m_{010}^{(22)}m_{301}^{(11)}m_{022}^{(00)} + 2m_{010}^{(22)}m_{301}^{(20)}m_{130}^{(21)}\\
&-2m_{010}^{(22)}m_{301}^{(20)}m_{031}^{(10)} - 2m_{010}^{(22)}m_{301}^{(21)}m_{130}^{(20)} + 2m_{010}^{(22)}m_{301}^{(21)}m_{031}^{(00)} - m_{010}^{(22)}m_{301}^{(22)}m_{220}^{(11)}\\
&+2m_{010}^{(22)}m_{301}^{(22)}m_{130}^{(10)} - m_{010}^{(22)}m_{301}^{(22)}m_{040}^{(00)} - m_{010}^{(22)}m_{220}^{(00)}m_{121}^{(22)} + m_{010}^{(22)}m_{220}^{(00)}m_{022}^{(20)}\\
&-4m_{010}^{(22)}m_{220}^{(10)}m_{211}^{(22)} + 4m_{010}^{(22)}m_{220}^{(10)}m_{112}^{(20)} + m_{010}^{(22)}m_{220}^{(11)}m_{202}^{(20)} + 6m_{010}^{(22)}m_{220}^{(20)}m_{211}^{(21)}\\
&-m_{010}^{(22)}m_{220}^{(20)}m_{202}^{(11)} - 4m_{010}^{(22)}m_{220}^{(20)}m_{112}^{(10)} - m_{010}^{(22)}m_{220}^{(20)}m_{022}^{(00)} - 6m_{010}^{(22)}m_{220}^{(21)}m_{211}^{(20)}\\
&+4m_{010}^{(22)}m_{220}^{(22)}m_{211}^{(10)} + m_{010}^{(22)}m_{220}^{(22)}m_{121}^{(00)} - 2m_{010}^{(22)}m_{211}^{(00)}m_{130}^{(22)} + 6m_{010}^{(22)}m_{211}^{(00)}m_{121}^{(21)}\\
&-2m_{010}^{(22)}m_{211}^{(00)}m_{112}^{(11)} - 2m_{010}^{(22)}m_{211}^{(00)}m_{022}^{(10)} - 6m_{010}^{(22)}m_{211}^{(10)}m_{121}^{(20)} + 2m_{010}^{(22)}m_{211}^{(10)}m_{022}^{(00)}\\
&+2m_{010}^{(22)}m_{211}^{(11)}m_{112}^{(00)} + 6m_{010}^{(22)}m_{211}^{(20)}m_{121}^{(10)} - 6m_{010}^{(22)}m_{211}^{(21)}m_{121}^{(00)} + 2m_{010}^{(22)}m_{211}^{(22)}m_{130}^{(00)}\\
&-m_{010}^{(22)}m_{202}^{(00)}m_{121}^{(11)} - m_{010}^{(22)}m_{202}^{(00)}m_{040}^{(20)} + 2m_{010}^{(22)}m_{202}^{(00)}m_{031}^{(10)} + 2m_{010}^{(22)}m_{202}^{(10)}m_{130}^{(20)}\\
&-2m_{010}^{(22)}m_{202}^{(10)}m_{031}^{(00)} + m_{010}^{(22)}m_{202}^{(11)}m_{121}^{(00)} - 2m_{010}^{(22)}m_{202}^{(20)}m_{130}^{(10)} + m_{010}^{(22)}m_{202}^{(20)}m_{040}^{(00)}\\
&-2m_{010}^{(22)}m_{130}^{(00)}m_{112}^{(20)} + 2m_{010}^{(22)}m_{130}^{(20)}m_{112}^{(00)} + 4m_{010}^{(22)}m_{121}^{(00)}m_{112}^{(10)} - 4m_{010}^{(22)}m_{121}^{(10)}m_{112}^{(00)}\\
&+m_{001}^{(00)}m_{220}^{(10)}m_{022}^{(22)} - 2m_{001}^{(00)}m_{220}^{(10)}m_{013}^{(21)} + m_{001}^{(00)}m_{220}^{(10)}m_{004}^{(11)} - m_{001}^{(00)}m_{220}^{(11)}m_{112}^{(22)}\\
&+2m_{001}^{(00)}m_{220}^{(11)}m_{103}^{(21)} - m_{001}^{(00)}m_{220}^{(11)}m_{004}^{(10)} - 2m_{001}^{(00)}m_{220}^{(21)}m_{103}^{(11)} + 2m_{001}^{(00)}m_{220}^{(21)}m_{013}^{(10)}\\
&+m_{001}^{(00)}m_{220}^{(22)}m_{112}^{(11)} - m_{001}^{(00)}m_{220}^{(22)}m_{022}^{(10)} - 2m_{001}^{(00)}m_{211}^{(10)}m_{031}^{(22)} + 4m_{001}^{(00)}m_{211}^{(10)}m_{022}^{(21)}\\
&-2m_{001}^{(00)}m_{211}^{(10)}m_{013}^{(11)} + 2m_{001}^{(00)}m_{211}^{(11)}m_{121}^{(22)} - 4m_{001}^{(00)}m_{211}^{(11)}m_{112}^{(21)} + 2m_{001}^{(00)}m_{211}^{(11)}m_{013}^{(10)}\\
&+4m_{001}^{(00)}m_{211}^{(21)}m_{112}^{(11)} - 4m_{001}^{(00)}m_{211}^{(21)}m_{022}^{(10)} - 2m_{001}^{(00)}m_{211}^{(22)}m_{121}^{(11)} + 2m_{001}^{(00)}m_{211}^{(22)}m_{031}^{(10)}\\
&+m_{001}^{(00)}m_{202}^{(10)}m_{040}^{(22)} - 2m_{001}^{(00)}m_{202}^{(10)}m_{031}^{(21)} + m_{001}^{(00)}m_{202}^{(10)}m_{022}^{(11)} - m_{001}^{(00)}m_{202}^{(11)}m_{130}^{(22)}\\
&+2m_{001}^{(00)}m_{202}^{(11)}m_{121}^{(21)} - m_{001}^{(00)}m_{202}^{(11)}m_{022}^{(10)} - 2m_{001}^{(00)}m_{202}^{(21)}m_{121}^{(11)} + 2m_{001}^{(00)}m_{202}^{(21)}m_{031}^{(10)}\\
&+m_{001}^{(00)}m_{202}^{(22)}m_{130}^{(11)} - m_{001}^{(00)}m_{202}^{(22)}m_{040}^{(10)} - m_{001}^{(00)}m_{130}^{(00)}m_{022}^{(22)} + 2m_{001}^{(00)}m_{130}^{(00)}m_{013}^{(21)}\\
&-m_{001}^{(00)}m_{130}^{(00)}m_{004}^{(11)} - 2m_{001}^{(00)}m_{130}^{(10)}m_{103}^{(21)} + 2m_{001}^{(00)}m_{130}^{(10)}m_{013}^{(20)} - 2m_{001}^{(00)}m_{130}^{(11)}m_{103}^{(20)}\\
&+m_{001}^{(00)}m_{130}^{(11)}m_{004}^{(00)} + 2m_{001}^{(00)}m_{130}^{(20)}m_{103}^{(11)} - 2m_{001}^{(00)}m_{130}^{(20)}m_{013}^{(10)} + 2m_{001}^{(00)}m_{130}^{(21)}m_{103}^{(10)}\\
&-2m_{001}^{(00)}m_{130}^{(21)}m_{013}^{(00)} + m_{001}^{(00)}m_{130}^{(22)}m_{022}^{(00)} + 2m_{001}^{(00)}m_{121}^{(00)}m_{031}^{(22)} - 4m_{001}^{(00)}m_{121}^{(00)}m_{022}^{(21)}\\
&+2m_{001}^{(00)}m_{121}^{(00)}m_{013}^{(11)} + 6m_{001}^{(00)}m_{121}^{(10)}m_{112}^{(21)} - 6m_{001}^{(00)}m_{121}^{(10)}m_{022}^{(20)} + 6m_{001}^{(00)}m_{121}^{(11)}m_{112}^{(20)}\\
&-2m_{001}^{(00)}m_{121}^{(11)}m_{013}^{(00)} - 6m_{001}^{(00)}m_{121}^{(20)}m_{112}^{(11)} + 6m_{001}^{(00)}m_{121}^{(20)}m_{022}^{(10)} - 6m_{001}^{(00)}m_{121}^{(21)}m_{112}^{(10)}
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&+4m_{001}^{(00)}m_{121}^{(21)}m_{022}^{(00)} - 2m_{001}^{(00)}m_{121}^{(22)}m_{031}^{(00)} - m_{001}^{(00)}m_{112}^{(00)}m_{040}^{(22)} + 2m_{001}^{(00)}m_{112}^{(00)}m_{031}^{(21)}\\
&-m_{001}^{(00)}m_{112}^{(00)}m_{022}^{(11)} + 6m_{001}^{(00)}m_{112}^{(10)}m_{031}^{(20)} + m_{001}^{(00)}m_{112}^{(11)}m_{022}^{(00)} - 6m_{001}^{(00)}m_{112}^{(20)}m_{031}^{(10)}\\
&-2m_{001}^{(00)}m_{112}^{(21)}m_{031}^{(00)} + m_{001}^{(00)}m_{112}^{(22)}m_{040}^{(00)} - 2m_{001}^{(00)}m_{103}^{(10)}m_{040}^{(20)} + 2m_{001}^{(00)}m_{103}^{(20)}m_{040}^{(10)}\\
&-2m_{001}^{(00)}m_{040}^{(00)}m_{013}^{(20)} + m_{001}^{(00)}m_{040}^{(00)}m_{004}^{(10)} - m_{001}^{(00)}m_{040}^{(10)}m_{004}^{(00)} + 2m_{001}^{(00)}m_{040}^{(20)}m_{013}^{(00)}\\
&+6m_{001}^{(00)}m_{031}^{(00)}m_{022}^{(20)} - 2m_{001}^{(00)}m_{031}^{(00)}m_{013}^{(10)} + 2m_{001}^{(00)}m_{031}^{(10)}m_{013}^{(00)} - 6m_{001}^{(00)}m_{031}^{(20)}m_{022}^{(00)}\\
&-2m_{001}^{(10)}m_{310}^{(10)}m_{022}^{(22)} + 4m_{001}^{(10)}m_{310}^{(10)}m_{013}^{(21)} - 2m_{001}^{(10)}m_{310}^{(10)}m_{004}^{(11)} + 2m_{001}^{(10)}m_{310}^{(11)}m_{112}^{(22)}\\
&-4m_{001}^{(10)}m_{310}^{(11)}m_{103}^{(21)} + 2m_{001}^{(10)}m_{310}^{(11)}m_{004}^{(10)} + 4m_{001}^{(10)}m_{310}^{(21)}m_{103}^{(11)} - 4m_{001}^{(10)}m_{310}^{(21)}m_{013}^{(10)}\\
&-2m_{001}^{(10)}m_{310}^{(22)}m_{112}^{(11)} + 2m_{001}^{(10)}m_{310}^{(22)}m_{022}^{(10)} + 2m_{001}^{(10)}m_{301}^{(10)}m_{031}^{(22)} - 4m_{001}^{(10)}m_{301}^{(10)}m_{022}^{(21)}\\
&+2m_{001}^{(10)}m_{301}^{(10)}m_{013}^{(11)} - 2m_{001}^{(10)}m_{301}^{(11)}m_{121}^{(22)} + 4m_{001}^{(10)}m_{301}^{(11)}m_{112}^{(21)} - 2m_{001}^{(10)}m_{301}^{(11)}m_{013}^{(10)}\\
&-4m_{001}^{(10)}m_{301}^{(21)}m_{112}^{(11)} + 4m_{001}^{(10)}m_{301}^{(21)}m_{022}^{(10)} + 2m_{001}^{(10)}m_{301}^{(22)}m_{121}^{(11)} - 2m_{001}^{(10)}m_{301}^{(22)}m_{031}^{(10)}\\
&+2m_{001}^{(10)}m_{220}^{(00)}m_{022}^{(22)} - 4m_{001}^{(10)}m_{220}^{(00)}m_{013}^{(21)} + 2m_{001}^{(10)}m_{220}^{(00)}m_{004}^{(11)} + 4m_{001}^{(10)}m_{220}^{(10)}m_{103}^{(21)}\\
&-4m_{001}^{(10)}m_{220}^{(10)}m_{013}^{(20)} - 2m_{001}^{(10)}m_{220}^{(11)}m_{202}^{(22)} + 4m_{001}^{(10)}m_{220}^{(11)}m_{103}^{(20)} - 2m_{001}^{(10)}m_{220}^{(11)}m_{004}^{(00)}\\
&-4m_{001}^{(10)}m_{220}^{(20)}m_{103}^{(11)} + 4m_{001}^{(10)}m_{220}^{(20)}m_{013}^{(10)} - 4m_{001}^{(10)}m_{220}^{(21)}m_{103}^{(10)} + 4m_{001}^{(10)}m_{220}^{(21)}m_{013}^{(00)}\\
&+2m_{001}^{(10)}m_{220}^{(22)}m_{202}^{(11)} - 2m_{001}^{(10)}m_{220}^{(22)}m_{022}^{(00)} - 2m_{001}^{(10)}m_{211}^{(00)}m_{031}^{(22)} + 4m_{001}^{(10)}m_{211}^{(00)}m_{022}^{(21)}\\
&-2m_{001}^{(10)}m_{211}^{(00)}m_{013}^{(11)} + 2m_{001}^{(10)}m_{211}^{(10)}m_{121}^{(22)} - 12m_{001}^{(10)}m_{211}^{(10)}m_{112}^{(21)} + 2m_{001}^{(10)}m_{211}^{(10)}m_{103}^{(11)}\\
&+8m_{001}^{(10)}m_{211}^{(10)}m_{022}^{(20)} + 8m_{001}^{(10)}m_{211}^{(11)}m_{202}^{(21)} - 8m_{001}^{(10)}m_{211}^{(11)}m_{112}^{(20)} - 2m_{001}^{(10)}m_{211}^{(11)}m_{103}^{(10)}\\
&+2m_{001}^{(10)}m_{211}^{(11)}m_{013}^{(00)} + 8m_{001}^{(10)}m_{211}^{(20)}m_{112}^{(11)} - 8m_{001}^{(10)}m_{211}^{(20)}m_{022}^{(10)} - 8m_{001}^{(10)}m_{211}^{(21)}m_{202}^{(11)}\\
&+12m_{001}^{(10)}m_{211}^{(21)}m_{112}^{(10)} - 4m_{001}^{(10)}m_{211}^{(21)}m_{022}^{(00)} - 2m_{001}^{(10)}m_{211}^{(22)}m_{121}^{(10)} + 2m_{001}^{(10)}m_{211}^{(22)}m_{031}^{(00)}\\
&-2m_{001}^{(10)}m_{202}^{(10)}m_{130}^{(22)} + 8m_{001}^{(10)}m_{202}^{(10)}m_{121}^{(21)} - 2m_{001}^{(10)}m_{202}^{(10)}m_{112}^{(11)} - 4m_{001}^{(10)}m_{202}^{(10)}m_{031}^{(20)}\\
&+4m_{001}^{(10)}m_{202}^{(11)}m_{121}^{(20)} + 2m_{001}^{(10)}m_{202}^{(11)}m_{112}^{(10)} - 4m_{001}^{(10)}m_{202}^{(20)}m_{121}^{(11)} + 4m_{001}^{(10)}m_{202}^{(20)}m_{031}^{(10)}\\
&-8m_{001}^{(10)}m_{202}^{(21)}m_{121}^{(10)} + 2m_{001}^{(10)}m_{202}^{(22)}m_{130}^{(10)} - 2m_{001}^{(10)}m_{130}^{(00)}m_{112}^{(22)} + 4m_{001}^{(10)}m_{130}^{(00)}m_{013}^{(20)}\\
&-2m_{001}^{(10)}m_{130}^{(00)}m_{004}^{(10)} - 4m_{001}^{(10)}m_{130}^{(10)}m_{103}^{(20)} + 2m_{001}^{(10)}m_{130}^{(10)}m_{004}^{(00)} + 4m_{001}^{(10)}m_{130}^{(20)}m_{103}^{(10)}\\
&-4m_{001}^{(10)}m_{130}^{(20)}m_{013}^{(00)} + 2m_{001}^{(10)}m_{130}^{(22)}m_{112}^{(00)} + 8m_{001}^{(10)}m_{121}^{(00)}m_{112}^{(21)} - 2m_{001}^{(10)}m_{121}^{(00)}m_{103}^{(11)}\\
&-8m_{001}^{(10)}m_{121}^{(00)}m_{022}^{(20)} + 2m_{001}^{(10)}m_{121}^{(00)}m_{013}^{(10)} + 12m_{001}^{(10)}m_{121}^{(10)}m_{112}^{(20)} - 2m_{001}^{(10)}m_{121}^{(10)}m_{013}^{(00)}\\
&+2m_{001}^{(10)}m_{121}^{(11)}m_{103}^{(00)} - 12m_{001}^{(10)}m_{121}^{(20)}m_{112}^{(10)} + 8m_{001}^{(10)}m_{121}^{(20)}m_{022}^{(00)} - 8m_{001}^{(10)}m_{121}^{(21)}m_{112}^{(00)}\\
&+4m_{001}^{(10)}m_{112}^{(00)}m_{031}^{(20)} + 2m_{001}^{(10)}m_{112}^{(00)}m_{022}^{(10)} - 2m_{001}^{(10)}m_{112}^{(10)}m_{022}^{(00)} - 4m_{001}^{(10)}m_{112}^{(20)}m_{031}^{(00)}\\
&-2m_{001}^{(10)}m_{103}^{(00)}m_{031}^{(10)} + 2m_{001}^{(10)}m_{103}^{(10)}m_{031}^{(00)} + m_{001}^{(11)}m_{400}^{(10)}m_{022}^{(22)} - 2m_{001}^{(11)}m_{400}^{(10)}m_{013}^{(21)}\\
&+m_{001}^{(11)}m_{400}^{(10)}m_{004}^{(11)} - m_{001}^{(11)}m_{400}^{(11)}m_{112}^{(22)} + 2m_{001}^{(11)}m_{400}^{(11)}m_{103}^{(21)} - m_{001}^{(11)}m_{400}^{(11)}m_{004}^{(10)}\\
&-2m_{001}^{(11)}m_{400}^{(21)}m_{103}^{(11)} + 2m_{001}^{(11)}m_{400}^{(21)}m_{013}^{(10)} + m_{001}^{(11)}m_{400}^{(22)}m_{112}^{(11)} - m_{001}^{(11)}m_{400}^{(22)}m_{022}^{(10)}\\
&-m_{001}^{(11)}m_{310}^{(00)}m_{022}^{(22)} + 2m_{001}^{(11)}m_{310}^{(00)}m_{013}^{(21)} - m_{001}^{(11)}m_{310}^{(00)}m_{004}^{(11)} - 2m_{001}^{(11)}m_{310}^{(10)}m_{103}^{(21)}\\
&+2m_{001}^{(11)}m_{310}^{(10)}m_{013}^{(20)} + m_{001}^{(11)}m_{310}^{(11)}m_{202}^{(22)} - 2m_{001}^{(11)}m_{310}^{(11)}m_{103}^{(20)} + m_{001}^{(11)}m_{310}^{(11)}m_{004}^{(00)}\\
&+2m_{001}^{(11)}m_{310}^{(20)}m_{103}^{(11)} - 2m_{001}^{(11)}m_{310}^{(20)}m_{013}^{(10)} + 2m_{001}^{(11)}m_{310}^{(21)}m_{103}^{(10)} - 2m_{001}^{(11)}m_{310}^{(21)}m_{013}^{(00)}\\
&-m_{001}^{(11)}m_{310}^{(22)}m_{202}^{(11)} + m_{001}^{(11)}m_{310}^{(22)}m_{022}^{(00)} - 2m_{001}^{(11)}m_{301}^{(10)}m_{121}^{(22)} + 6m_{001}^{(11)}m_{301}^{(10)}m_{112}^{(21)}\\
&-2m_{001}^{(11)}m_{301}^{(10)}m_{103}^{(11)} - 2m_{001}^{(11)}m_{301}^{(10)}m_{022}^{(20)} + 2m_{001}^{(11)}m_{301}^{(11)}m_{211}^{(22)} - 6m_{001}^{(11)}m_{301}^{(11)}m_{202}^{(21)}\\
&+2m_{001}^{(11)}m_{301}^{(11)}m_{112}^{(20)} + 2m_{001}^{(11)}m_{301}^{(11)}m_{103}^{(10)} - 2m_{001}^{(11)}m_{301}^{(20)}m_{112}^{(11)} + 2m_{001}^{(11)}m_{301}^{(20)}m_{022}^{(10)}\\
&+6m_{001}^{(11)}m_{301}^{(21)}m_{202}^{(11)} - 6m_{001}^{(11)}m_{301}^{(21)}m_{112}^{(10)} - 2m_{001}^{(11)}m_{301}^{(22)}m_{211}^{(11)} + 2m_{001}^{(11)}m_{301}^{(22)}m_{121}^{(10)}\\
&+m_{001}^{(11)}m_{220}^{(00)}m_{112}^{(22)} - 2m_{001}^{(11)}m_{220}^{(00)}m_{013}^{(20)} + m_{001}^{(11)}m_{220}^{(00)}m_{004}^{(10)} - m_{001}^{(11)}m_{220}^{(10)}m_{202}^{(22)}\\
&+2m_{001}^{(11)}m_{220}^{(10)}m_{103}^{(20)} - m_{001}^{(11)}m_{220}^{(10)}m_{004}^{(00)} - 2m_{001}^{(11)}m_{220}^{(20)}m_{103}^{(10)} + 2m_{001}^{(11)}m_{220}^{(20)}m_{013}^{(00)}
\end{aligned}
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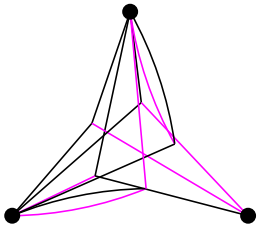
$$+m_{001}^{(11)}m_{220}^{(22)}m_{202}^{(10)} - m_{001}^{(11)}m_{220}^{(22)}m_{112}^{(00)} + 2m_{001}^{(11)}m_{211}^{(00)}m_{121}^{(22)} - 6m_{001}^{(11)}m_{211}^{(00)}m_{112}^{(21)}$$
$$+2m_{001}^{(11)}m_{211}^{(00)}m_{103}^{(11)} + 2m_{001}^{(11)}m_{211}^{(00)}m_{022}^{(20)} + 6m_{001}^{(11)}m_{211}^{(10)}m_{202}^{(21)} - 6m_{001}^{(11)}m_{211}^{(10)}m_{112}^{(20)}$$
$$+4m_{001}^{(11)}m_{211}^{(11)}m_{202}^{(20)} - 2m_{001}^{(11)}m_{211}^{(11)}m_{103}^{(00)} - 4m_{001}^{(11)}m_{211}^{(20)}m_{202}^{(11)} + 6m_{001}^{(11)}m_{211}^{(20)}m_{112}^{(10)}$$
$$-2m_{001}^{(11)}m_{211}^{(20)}m_{022}^{(00)} - 6m_{001}^{(11)}m_{211}^{(21)}m_{202}^{(10)} + 6m_{001}^{(11)}m_{211}^{(21)}m_{112}^{(00)} - 2m_{001}^{(11)}m_{211}^{(22)}m_{121}^{(00)}$$
$$+m_{001}^{(11)}m_{202}^{(00)}m_{112}^{(11)} - m_{001}^{(11)}m_{202}^{(00)}m_{022}^{(10)} + 4m_{001}^{(11)}m_{202}^{(10)}m_{121}^{(20)} + m_{001}^{(11)}m_{202}^{(10)}m_{022}^{(00)}$$
$$-m_{001}^{(11)}m_{202}^{(11)}m_{112}^{(00)} - 4m_{001}^{(11)}m_{202}^{(20)}m_{121}^{(10)} + 4m_{001}^{(11)}m_{121}^{(00)}m_{112}^{(20)} - 2m_{001}^{(11)}m_{121}^{(00)}m_{103}^{(10)}$$
$$+2m_{001}^{(11)}m_{121}^{(10)}m_{103}^{(00)} - 4m_{001}^{(11)}m_{121}^{(20)}m_{112}^{(00)} + 2m_{001}^{(20)}m_{310}^{(10)}m_{031}^{(22)} - 4m_{001}^{(20)}m_{310}^{(10)}m_{022}^{(21)}$$
$$+2m_{001}^{(20)}m_{310}^{(10)}m_{013}^{(11)} - 2m_{001}^{(20)}m_{310}^{(11)}m_{121}^{(22)} + 4m_{001}^{(20)}m_{310}^{(11)}m_{112}^{(21)} - 2m_{001}^{(20)}m_{310}^{(11)}m_{013}^{(10)}$$
$$-4m_{001}^{(20)}m_{310}^{(21)}m_{112}^{(11)} + 4m_{001}^{(20)}m_{310}^{(21)}m_{022}^{(10)} + 2m_{001}^{(20)}m_{310}^{(22)}m_{121}^{(11)} - 2m_{001}^{(20)}m_{310}^{(22)}m_{031}^{(10)}$$
$$-2m_{001}^{(20)}m_{301}^{(10)}m_{040}^{(22)} + 4m_{001}^{(20)}m_{301}^{(10)}m_{031}^{(21)} - 2m_{001}^{(20)}m_{301}^{(10)}m_{022}^{(11)} + 2m_{001}^{(20)}m_{301}^{(11)}m_{130}^{(22)}$$
$$-4m_{001}^{(20)}m_{301}^{(11)}m_{121}^{(21)} + 2m_{001}^{(20)}m_{301}^{(11)}m_{022}^{(10)} + 4m_{001}^{(20)}m_{301}^{(21)}m_{121}^{(11)} - 4m_{001}^{(20)}m_{301}^{(21)}m_{031}^{(10)}$$
$$-2m_{001}^{(20)}m_{301}^{(22)}m_{130}^{(11)} + 2m_{001}^{(20)}m_{301}^{(22)}m_{040}^{(10)} - 2m_{001}^{(20)}m_{220}^{(00)}m_{031}^{(22)} + 4m_{001}^{(20)}m_{220}^{(00)}m_{022}^{(21)}$$
$$-2m_{001}^{(20)}m_{220}^{(00)}m_{013}^{(11)} - 2m_{001}^{(20)}m_{220}^{(10)}m_{121}^{(22)} - 2m_{001}^{(20)}m_{220}^{(10)}m_{103}^{(11)} + 4m_{001}^{(20)}m_{220}^{(10)}m_{022}^{(20)}$$
$$+4m_{001}^{(20)}m_{220}^{(11)}m_{211}^{(22)} - 4m_{001}^{(20)}m_{220}^{(11)}m_{202}^{(21)} - 4m_{001}^{(20)}m_{220}^{(11)}m_{112}^{(20)} + 2m_{001}^{(20)}m_{220}^{(11)}m_{103}^{(10)}$$
$$+2m_{001}^{(20)}m_{220}^{(11)}m_{013}^{(00)} + 4m_{001}^{(20)}m_{220}^{(20)}m_{112}^{(11)} - 4m_{001}^{(20)}m_{220}^{(20)}m_{022}^{(10)} + 4m_{001}^{(20)}m_{220}^{(21)}m_{202}^{(11)}$$
$$-4m_{001}^{(20)}m_{220}^{(21)}m_{022}^{(00)} - 4m_{001}^{(20)}m_{220}^{(22)}m_{211}^{(11)} + 2m_{001}^{(20)}m_{220}^{(22)}m_{121}^{(10)} + 2m_{001}^{(20)}m_{220}^{(22)}m_{031}^{(00)}$$
$$+2m_{001}^{(20)}m_{211}^{(00)}m_{040}^{(22)} - 4m_{001}^{(20)}m_{211}^{(00)}m_{031}^{(21)} + 2m_{001}^{(20)}m_{211}^{(00)}m_{022}^{(11)} + 2m_{001}^{(20)}m_{211}^{(10)}m_{130}^{(22)}$$
$$+4m_{001}^{(20)}m_{211}^{(10)}m_{121}^{(21)} + 2m_{001}^{(20)}m_{211}^{(10)}m_{112}^{(11)} - 8m_{001}^{(20)}m_{211}^{(10)}m_{031}^{(20)} + 8m_{001}^{(20)}m_{211}^{(11)}m_{121}^{(20)}$$
$$-2m_{001}^{(20)}m_{211}^{(11)}m_{112}^{(10)} - 2m_{001}^{(20)}m_{211}^{(11)}m_{022}^{(00)} - 8m_{001}^{(20)}m_{211}^{(20)}m_{121}^{(11)} + 8m_{001}^{(20)}m_{211}^{(20)}m_{031}^{(10)}$$
$$-4m_{001}^{(20)}m_{211}^{(21)}m_{121}^{(10)} + 4m_{001}^{(20)}m_{211}^{(21)}m_{031}^{(00)} - 2m_{001}^{(20)}m_{211}^{(22)}m_{130}^{(10)} - 2m_{001}^{(20)}m_{211}^{(22)}m_{040}^{(00)}$$
$$-4m_{001}^{(20)}m_{202}^{(10)}m_{130}^{(21)} + 4m_{001}^{(20)}m_{202}^{(10)}m_{040}^{(20)} - 4m_{001}^{(20)}m_{202}^{(11)}m_{130}^{(20)} + 4m_{001}^{(20)}m_{202}^{(20)}m_{130}^{(11)}$$
$$-4m_{001}^{(20)}m_{202}^{(20)}m_{040}^{(10)} + 4m_{001}^{(20)}m_{202}^{(21)}m_{130}^{(10)} + 4m_{001}^{(20)}m_{130}^{(00)}m_{121}^{(22)} - 4m_{001}^{(20)}m_{130}^{(00)}m_{112}^{(21)}$$
$$+2m_{001}^{(20)}m_{130}^{(00)}m_{103}^{(11)} - 4m_{001}^{(20)}m_{130}^{(00)}m_{022}^{(20)} + 2m_{001}^{(20)}m_{130}^{(00)}m_{013}^{(10)} - 2m_{001}^{(20)}m_{130}^{(10)}m_{013}^{(00)}$$
$$-2m_{001}^{(20)}m_{130}^{(11)}m_{103}^{(00)} + 4m_{001}^{(20)}m_{130}^{(20)}m_{022}^{(00)} + 4m_{001}^{(20)}m_{130}^{(21)}m_{112}^{(00)} - 4m_{001}^{(20)}m_{130}^{(22)}m_{121}^{(00)}$$
$$-2m_{001}^{(20)}m_{121}^{(00)}m_{112}^{(11)} + 8m_{001}^{(20)}m_{121}^{(00)}m_{031}^{(20)} - 2m_{001}^{(20)}m_{121}^{(10)}m_{022}^{(00)} + 2m_{001}^{(20)}m_{121}^{(10)}m_{022}^{(00)}$$
$$+2m_{001}^{(20)}m_{121}^{(11)}m_{112}^{(00)} - 8m_{001}^{(20)}m_{121}^{(20)}m_{031}^{(00)} - 4m_{001}^{(20)}m_{112}^{(00)}m_{040}^{(20)} - 2m_{001}^{(20)}m_{112}^{(00)}m_{031}^{(10)}$$
$$+2m_{001}^{(20)}m_{112}^{(10)}m_{031}^{(00)} + 4m_{001}^{(20)}m_{112}^{(20)}m_{040}^{(00)} + 2m_{001}^{(20)}m_{103}^{(00)}m_{040}^{(10)} - 2m_{001}^{(20)}m_{103}^{(10)}m_{040}^{(00)}$$
$$-2m_{001}^{(21)}m_{400}^{(10)}m_{031}^{(22)} + 4m_{001}^{(21)}m_{400}^{(10)}m_{022}^{(21)} - 2m_{001}^{(21)}m_{400}^{(10)}m_{013}^{(11)} + 2m_{001}^{(21)}m_{400}^{(11)}m_{121}^{(22)}$$
$$-4m_{001}^{(21)}m_{400}^{(11)}m_{112}^{(21)} + 2m_{001}^{(21)}m_{400}^{(11)}m_{013}^{(10)} + 4m_{001}^{(21)}m_{400}^{(21)}m_{112}^{(11)} - 4m_{001}^{(21)}m_{400}^{(21)}m_{022}^{(10)}$$
$$-2m_{001}^{(21)}m_{400}^{(22)}m_{121}^{(11)} + 2m_{001}^{(21)}m_{400}^{(22)}m_{031}^{(10)} + 2m_{001}^{(21)}m_{310}^{(00)}m_{031}^{(22)} - 4m_{001}^{(21)}m_{310}^{(00)}m_{022}^{(21)}$$
$$+2m_{001}^{(21)}m_{310}^{(00)}m_{013}^{(11)} + 2m_{001}^{(21)}m_{310}^{(10)}m_{121}^{(22)} + 2m_{001}^{(21)}m_{310}^{(10)}m_{103}^{(11)} - 4m_{001}^{(21)}m_{310}^{(10)}m_{022}^{(20)}$$
$$-4m_{001}^{(21)}m_{310}^{(11)}m_{211}^{(22)} + 4m_{001}^{(21)}m_{310}^{(11)}m_{202}^{(21)} + 4m_{001}^{(21)}m_{310}^{(11)}m_{112}^{(20)} - 2m_{001}^{(21)}m_{310}^{(11)}m_{103}^{(10)}$$
$$-2m_{001}^{(21)}m_{310}^{(11)}m_{013}^{(00)} - 4m_{001}^{(21)}m_{310}^{(20)}m_{112}^{(11)} + 4m_{001}^{(21)}m_{310}^{(20)}m_{022}^{(10)} - 4m_{001}^{(21)}m_{310}^{(21)}m_{202}^{(11)}$$
$$+4m_{001}^{(21)}m_{310}^{(21)}m_{022}^{(00)} + 4m_{001}^{(21)}m_{310}^{(22)}m_{211}^{(11)} - 2m_{001}^{(21)}m_{310}^{(22)}m_{121}^{(10)} - 2m_{001}^{(21)}m_{310}^{(22)}m_{031}^{(00)}$$
$$+2m_{001}^{(21)}m_{301}^{(10)}m_{130}^{(22)} - 8m_{001}^{(21)}m_{301}^{(10)}m_{121}^{(21)} + 2m_{001}^{(21)}m_{301}^{(10)}m_{112}^{(11)} + 4m_{001}^{(21)}m_{301}^{(10)}m_{031}^{(20)}$$
$$-2m_{001}^{(21)}m_{301}^{(11)}m_{220}^{(22)} + 8m_{001}^{(21)}m_{301}^{(11)}m_{211}^{(21)} - 4m_{001}^{(21)}m_{301}^{(11)}m_{121}^{(20)} - 2m_{001}^{(21)}m_{301}^{(11)}m_{112}^{(10)}$$
$$+4m_{001}^{(21)}m_{301}^{(20)}m_{121}^{(11)} - 4m_{001}^{(21)}m_{301}^{(20)}m_{031}^{(10)} - 8m_{001}^{(21)}m_{301}^{(21)}m_{211}^{(11)} + 8m_{001}^{(21)}m_{301}^{(21)}m_{121}^{(10)}$$
$$+2m_{001}^{(21)}m_{301}^{(22)}m_{220}^{(11)} - 2m_{001}^{(21)}m_{301}^{(22)}m_{130}^{(10)} - 4m_{001}^{(21)}m_{220}^{(00)}m_{121}^{(22)} + 4m_{001}^{(21)}m_{220}^{(00)}m_{112}^{(21)}$$

$$
\begin{aligned}
&-2m_{001}^{(21)}m_{220}^{(00)}m_{103}^{(11)} + 4m_{001}^{(21)}m_{220}^{(00)}m_{022}^{(20)} - 2m_{001}^{(21)}m_{220}^{(00)}m_{013}^{(10)} + 2m_{001}^{(21)}m_{220}^{(10)}m_{211}^{(22)}\\
&-4m_{001}^{(21)}m_{220}^{(10)}m_{202}^{(21)} + 2m_{001}^{(21)}m_{220}^{(10)}m_{013}^{(00)} - 4m_{001}^{(21)}m_{220}^{(11)}m_{202}^{(20)} + 2m_{001}^{(21)}m_{220}^{(11)}m_{103}^{(00)}\\
&+4m_{001}^{(21)}m_{220}^{(20)}m_{202}^{(11)} - 4m_{001}^{(21)}m_{220}^{(20)}m_{022}^{(00)} + 4m_{001}^{(21)}m_{220}^{(21)}m_{202}^{(10)} - 4m_{001}^{(21)}m_{220}^{(21)}m_{112}^{(00)}\\
&-2m_{001}^{(21)}m_{220}^{(22)}m_{211}^{(10)} + 4m_{001}^{(21)}m_{220}^{(22)}m_{121}^{(00)} - 2m_{001}^{(21)}m_{211}^{(00)}m_{130}^{(22)} + 8m_{001}^{(21)}m_{211}^{(00)}m_{121}^{(21)}\\
&-2m_{001}^{(21)}m_{211}^{(00)}m_{112}^{(11)} - 4m_{001}^{(21)}m_{211}^{(00)}m_{031}^{(20)} - 2m_{001}^{(21)}m_{211}^{(10)}m_{202}^{(11)} + 4m_{001}^{(21)}m_{211}^{(10)}m_{121}^{(20)}\\
&+2m_{001}^{(21)}m_{211}^{(11)}m_{202}^{(10)} + 2m_{001}^{(21)}m_{211}^{(11)}m_{112}^{(00)} - 4m_{001}^{(21)}m_{211}^{(20)}m_{121}^{(10)} + 4m_{001}^{(21)}m_{211}^{(20)}m_{031}^{(00)}\\
&-8m_{001}^{(21)}m_{211}^{(21)}m_{121}^{(00)} + 2m_{001}^{(21)}m_{211}^{(22)}m_{130}^{(00)} - 2m_{001}^{(21)}m_{202}^{(00)}m_{121}^{(11)} + 2m_{001}^{(21)}m_{202}^{(00)}m_{031}^{(10)}\\
&-4m_{001}^{(21)}m_{202}^{(10)}m_{130}^{(20)} - 2m_{001}^{(21)}m_{202}^{(10)}m_{031}^{(00)} + 2m_{001}^{(21)}m_{202}^{(11)}m_{121}^{(00)} + 4m_{001}^{(21)}m_{202}^{(20)}m_{130}^{(10)}\\
&-4m_{001}^{(21)}m_{130}^{(00)}m_{112}^{(20)} + 2m_{001}^{(21)}m_{130}^{(00)}m_{103}^{(10)} - 2m_{001}^{(21)}m_{130}^{(10)}m_{103}^{(00)} + 4m_{001}^{(21)}m_{130}^{(20)}m_{112}^{(00)}\\
&+2m_{001}^{(21)}m_{121}^{(00)}m_{112}^{(10)} - 2m_{001}^{(21)}m_{121}^{(10)}m_{112}^{(00)} + m_{001}^{(22)}m_{400}^{(10)}m_{040}^{(22)} - 2m_{001}^{(22)}m_{400}^{(10)}m_{031}^{(21)}\\
&+m_{001}^{(22)}m_{400}^{(10)}m_{022}^{(11)} - m_{001}^{(22)}m_{400}^{(11)}m_{130}^{(22)} + 2m_{001}^{(22)}m_{400}^{(11)}m_{121}^{(21)} - m_{001}^{(22)}m_{400}^{(11)}m_{022}^{(10)}\\
&-2m_{001}^{(22)}m_{400}^{(21)}m_{121}^{(11)} + 2m_{001}^{(22)}m_{400}^{(21)}m_{031}^{(10)} + m_{001}^{(22)}m_{400}^{(22)}m_{130}^{(11)} - m_{001}^{(22)}m_{400}^{(22)}m_{040}^{(10)}\\
&-m_{001}^{(22)}m_{310}^{(00)}m_{040}^{(22)} + 2m_{001}^{(22)}m_{310}^{(00)}m_{031}^{(21)} - m_{001}^{(22)}m_{310}^{(00)}m_{022}^{(11)} - 2m_{001}^{(22)}m_{310}^{(10)}m_{130}^{(22)}\\
&+2m_{001}^{(22)}m_{310}^{(10)}m_{121}^{(21)} - 2m_{001}^{(22)}m_{310}^{(10)}m_{112}^{(11)} + 2m_{001}^{(22)}m_{310}^{(10)}m_{031}^{(20)} + 3m_{001}^{(22)}m_{310}^{(11)}m_{220}^{(22)}\\
&-4m_{001}^{(22)}m_{310}^{(11)}m_{211}^{(21)} - 2m_{001}^{(22)}m_{310}^{(11)}m_{121}^{(20)} + 2m_{001}^{(22)}m_{310}^{(11)}m_{112}^{(10)} + m_{001}^{(22)}m_{310}^{(11)}m_{022}^{(00)}\\
&+2m_{001}^{(22)}m_{310}^{(20)}m_{121}^{(11)} - 2m_{001}^{(22)}m_{310}^{(20)}m_{031}^{(10)} + 4m_{001}^{(22)}m_{310}^{(21)}m_{211}^{(11)} - 2m_{001}^{(22)}m_{310}^{(21)}m_{121}^{(10)}\\
&-2m_{001}^{(22)}m_{310}^{(21)}m_{031}^{(00)} - 3m_{001}^{(22)}m_{310}^{(22)}m_{220}^{(11)} + 2m_{001}^{(22)}m_{310}^{(22)}m_{130}^{(10)} + m_{001}^{(22)}m_{310}^{(22)}m_{040}^{(00)}\\
&+2m_{001}^{(22)}m_{301}^{(10)}m_{130}^{(21)} - 2m_{001}^{(22)}m_{301}^{(10)}m_{040}^{(20)} - 2m_{001}^{(22)}m_{301}^{(11)}m_{220}^{(21)} + 2m_{001}^{(22)}m_{301}^{(11)}m_{130}^{(20)}\\
&-2m_{001}^{(22)}m_{301}^{(20)}m_{130}^{(11)} + 2m_{001}^{(22)}m_{301}^{(20)}m_{040}^{(10)} + 2m_{001}^{(22)}m_{301}^{(21)}m_{220}^{(11)} - 2m_{001}^{(22)}m_{301}^{(21)}m_{130}^{(10)}\\
&+3m_{001}^{(22)}m_{220}^{(00)}m_{130}^{(22)} - 4m_{001}^{(22)}m_{220}^{(00)}m_{121}^{(21)} + 2m_{001}^{(22)}m_{220}^{(00)}m_{112}^{(11)} - 2m_{001}^{(22)}m_{220}^{(00)}m_{031}^{(20)}\\
&+m_{001}^{(22)}m_{220}^{(00)}m_{022}^{(10)} + 2m_{001}^{(22)}m_{220}^{(10)}m_{211}^{(21)} + m_{001}^{(22)}m_{220}^{(10)}m_{202}^{(11)} - 2m_{001}^{(22)}m_{220}^{(10)}m_{121}^{(20)}\\
&-m_{001}^{(22)}m_{220}^{(10)}m_{022}^{(00)} + 4m_{001}^{(22)}m_{220}^{(11)}m_{211}^{(20)} - m_{001}^{(22)}m_{220}^{(11)}m_{202}^{(10)} - 2m_{001}^{(22)}m_{220}^{(11)}m_{112}^{(00)}\\
&-4m_{001}^{(22)}m_{220}^{(20)}m_{211}^{(11)} + 2m_{001}^{(22)}m_{220}^{(20)}m_{121}^{(10)} + 2m_{001}^{(22)}m_{220}^{(20)}m_{031}^{(00)} - 2m_{001}^{(22)}m_{220}^{(21)}m_{211}^{(10)}\\
&+4m_{001}^{(22)}m_{220}^{(21)}m_{121}^{(00)} - 3m_{001}^{(22)}m_{220}^{(22)}m_{130}^{(00)} - 2m_{001}^{(22)}m_{211}^{(00)}m_{130}^{(21)} + 2m_{001}^{(22)}m_{211}^{(00)}m_{040}^{(20)}\\
&+2m_{001}^{(22)}m_{211}^{(10)}m_{130}^{(20)} - 2m_{001}^{(22)}m_{211}^{(20)}m_{130}^{(10)} - 2m_{001}^{(22)}m_{211}^{(20)}m_{040}^{(00)} + 2m_{001}^{(22)}m_{211}^{(21)}m_{130}^{(00)}\\
&+m_{001}^{(22)}m_{202}^{(00)}m_{130}^{(11)} - m_{001}^{(22)}m_{202}^{(00)}m_{040}^{(10)} + m_{001}^{(22)}m_{202}^{(10)}m_{040}^{(00)} - m_{001}^{(22)}m_{202}^{(11)}m_{130}^{(00)}\\
&+4m_{001}^{(22)}m_{130}^{(00)}m_{121}^{(20)} - 2m_{001}^{(22)}m_{130}^{(00)}m_{112}^{(10)} + 2m_{001}^{(22)}m_{130}^{(10)}m_{112}^{(00)} - 4m_{001}^{(22)}m_{130}^{(20)}m_{121}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{rrrrr}
V1 & 1 & 1 & 1 & V1\\
1 & V2 & 2 & 2 & 2\\
V2 & 2 & V3 & V3 & 3
\end{array}
$$



$$
\begin{aligned}
T_{152} \;=\;& m_{100}^{(00)} m_{220}^{(11)} m_{013}^{(22)} - m_{100}^{(00)} m_{220}^{(11)} m_{004}^{(21)} - m_{100}^{(00)} m_{220}^{(21)} m_{022}^{(22)} + m_{100}^{(00)} m_{220}^{(21)} m_{004}^{(11)} \\
&+ m_{100}^{(00)} m_{220}^{(22)} m_{022}^{(21)} - m_{100}^{(00)} m_{220}^{(22)} m_{013}^{(11)} - 2m_{100}^{(00)} m_{211}^{(11)} m_{022}^{(22)} + 2m_{100}^{(00)} m_{211}^{(11)} m_{013}^{(21)} \\
&+ 2m_{100}^{(00)} m_{211}^{(21)} m_{031}^{(22)} - 2m_{100}^{(00)} m_{211}^{(21)} m_{013}^{(11)} - 2m_{100}^{(00)} m_{211}^{(22)} m_{031}^{(21)} + 2m_{100}^{(00)} m_{211}^{(22)} m_{022}^{(11)} \\
&+ m_{100}^{(00)} m_{202}^{(11)} m_{031}^{(22)} - m_{100}^{(00)} m_{202}^{(11)} m_{022}^{(21)} - m_{100}^{(00)} m_{202}^{(21)} m_{040}^{(22)} + m_{100}^{(00)} m_{202}^{(21)} m_{022}^{(11)} \\
&+ m_{100}^{(00)} m_{202}^{(22)} m_{040}^{(21)} - m_{100}^{(00)} m_{202}^{(22)} m_{031}^{(11)} - 2m_{100}^{(00)} m_{130}^{(10)} m_{013}^{(22)} + 2m_{100}^{(00)} m_{130}^{(10)} m_{004}^{(21)} \\
&+ 2m_{100}^{(00)} m_{130}^{(20)} m_{022}^{(22)} - 2m_{100}^{(00)} m_{130}^{(20)} m_{013}^{(21)} + 2m_{100}^{(00)} m_{130}^{(21)} m_{013}^{(20)} - 2m_{100}^{(00)} m_{130}^{(21)} m_{004}^{(10)} \\
&- 2m_{100}^{(00)} m_{130}^{(22)} m_{022}^{(20)} + 2m_{100}^{(00)} m_{130}^{(22)} m_{013}^{(10)} + 4m_{100}^{(00)} m_{121}^{(10)} m_{022}^{(22)} - 2m_{100}^{(00)} m_{121}^{(10)} m_{013}^{(21)} \\
&- 2m_{100}^{(00)} m_{121}^{(10)} m_{004}^{(11)} - 2m_{100}^{(00)} m_{121}^{(11)} m_{013}^{(20)} + 2m_{100}^{(00)} m_{121}^{(11)} m_{004}^{(10)} - 4m_{100}^{(00)} m_{121}^{(20)} m_{031}^{(22)} \\
&+ 2m_{100}^{(00)} m_{121}^{(20)} m_{022}^{(21)} + 2m_{100}^{(00)} m_{121}^{(20)} m_{013}^{(11)} - 2m_{100}^{(00)} m_{121}^{(21)} m_{022}^{(20)} + 2m_{100}^{(00)} m_{121}^{(21)} m_{013}^{(10)} \\
&+ 4m_{100}^{(00)} m_{121}^{(22)} m_{031}^{(20)} - 4m_{100}^{(00)} m_{121}^{(22)} m_{022}^{(10)} - 2m_{100}^{(00)} m_{112}^{(10)} m_{031}^{(22)} - 2m_{100}^{(00)} m_{112}^{(10)} m_{022}^{(21)} \\
&+ 4m_{100}^{(00)} m_{112}^{(10)} m_{013}^{(11)} + 4m_{100}^{(00)} m_{112}^{(11)} m_{022}^{(20)} - 4m_{100}^{(00)} m_{112}^{(11)} m_{013}^{(10)} + 2m_{100}^{(00)} m_{112}^{(20)} m_{040}^{(22)} \\
&+ 2m_{100}^{(00)} m_{112}^{(20)} m_{031}^{(21)} - 4m_{100}^{(00)} m_{112}^{(20)} m_{022}^{(11)} - 2m_{100}^{(00)} m_{112}^{(21)} m_{031}^{(20)} + 2m_{100}^{(00)} m_{112}^{(21)} m_{022}^{(10)} \\
&- 2m_{100}^{(00)} m_{112}^{(22)} m_{040}^{(20)} + 2m_{100}^{(00)} m_{112}^{(22)} m_{031}^{(10)} + 2m_{100}^{(00)} m_{103}^{(10)} m_{031}^{(21)} - 2m_{100}^{(00)} m_{103}^{(10)} m_{022}^{(11)} \\
&- 2m_{100}^{(00)} m_{103}^{(11)} m_{031}^{(20)} + 2m_{100}^{(00)} m_{103}^{(11)} m_{022}^{(10)} - 2m_{100}^{(00)} m_{103}^{(20)} m_{040}^{(21)} + 2m_{100}^{(00)} m_{103}^{(20)} m_{031}^{(11)} \\
&+ 2m_{100}^{(00)} m_{103}^{(21)} m_{040}^{(20)} - 2m_{100}^{(00)} m_{103}^{(21)} m_{031}^{(10)} + m_{100}^{(00)} m_{040}^{(00)} m_{013}^{(22)} - m_{100}^{(00)} m_{040}^{(00)} m_{004}^{(21)} \\
&+ m_{100}^{(00)} m_{040}^{(21)} m_{004}^{(00)} - m_{100}^{(00)} m_{040}^{(22)} m_{013}^{(00)} - 3m_{100}^{(00)} m_{031}^{(00)} m_{022}^{(22)} + 2m_{100}^{(00)} m_{031}^{(00)} m_{013}^{(21)} \\
&+ m_{100}^{(00)} m_{031}^{(00)} m_{004}^{(11)} - m_{100}^{(00)} m_{031}^{(11)} m_{004}^{(00)} - 2m_{100}^{(00)} m_{031}^{(21)} m_{013}^{(00)} + 3m_{100}^{(00)} m_{031}^{(22)} m_{022}^{(00)} \\
&- 3m_{100}^{(00)} m_{022}^{(00)} m_{013}^{(11)} + 3m_{100}^{(00)} m_{022}^{(11)} m_{013}^{(00)} - m_{100}^{(10)} m_{310}^{(11)} m_{013}^{(22)} + m_{100}^{(10)} m_{310}^{(11)} m_{004}^{(21)} \\
&+ m_{100}^{(10)} m_{310}^{(21)} m_{022}^{(22)} - m_{100}^{(10)} m_{310}^{(21)} m_{004}^{(11)} - m_{100}^{(10)} m_{310}^{(22)} m_{022}^{(21)} + m_{100}^{(10)} m_{310}^{(22)} m_{013}^{(11)} \\
&+ m_{100}^{(10)} m_{301}^{(11)} m_{022}^{(22)} - m_{100}^{(10)} m_{301}^{(11)} m_{013}^{(21)} - m_{100}^{(10)} m_{301}^{(21)} m_{031}^{(22)} + m_{100}^{(10)} m_{301}^{(21)} m_{013}^{(11)} \\
&+ m_{100}^{(10)} m_{301}^{(22)} m_{031}^{(21)} - m_{100}^{(10)} m_{301}^{(22)} m_{022}^{(11)} + 2m_{100}^{(10)} m_{220}^{(10)} m_{013}^{(22)} - 2m_{100}^{(10)} m_{220}^{(10)} m_{004}^{(21)} \\
&- m_{100}^{(10)} m_{220}^{(11)} m_{103}^{(22)} + m_{100}^{(10)} m_{220}^{(11)} m_{004}^{(20)} - 3m_{100}^{(10)} m_{220}^{(20)} m_{022}^{(22)} + 4m_{100}^{(10)} m_{220}^{(20)} m_{013}^{(21)} \\
&- m_{100}^{(10)} m_{220}^{(20)} m_{004}^{(11)} + 2m_{100}^{(10)} m_{220}^{(21)} m_{112}^{(22)} - 4m_{100}^{(10)} m_{220}^{(21)} m_{013}^{(20)} + 2m_{100}^{(10)} m_{220}^{(21)} m_{004}^{(10)} \\
&- 2m_{100}^{(10)} m_{220}^{(22)} m_{112}^{(21)} + m_{100}^{(10)} m_{220}^{(22)} m_{103}^{(11)} + 3m_{100}^{(10)} m_{220}^{(22)} m_{022}^{(20)} - 2m_{100}^{(10)} m_{220}^{(22)} m_{013}^{(10)} \\
&- 2m_{100}^{(10)} m_{211}^{(10)} m_{022}^{(22)} + 2m_{100}^{(10)} m_{211}^{(10)} m_{004}^{(11)} + 3m_{100}^{(10)} m_{211}^{(11)} m_{112}^{(22)} - m_{100}^{(10)} m_{211}^{(11)} m_{103}^{(21)} \\
&- 2m_{100}^{(10)} m_{211}^{(11)} m_{004}^{(10)} + 4m_{100}^{(10)} m_{211}^{(20)} m_{031}^{(22)} - 4m_{100}^{(10)} m_{211}^{(20)} m_{022}^{(21)} - 5m_{100}^{(10)} m_{211}^{(21)} m_{121}^{(22)} \\
&+ m_{100}^{(10)} m_{211}^{(21)} m_{103}^{(11)} + 4m_{100}^{(10)} m_{211}^{(21)} m_{022}^{(20)} + 5m_{100}^{(10)} m_{211}^{(22)} m_{121}^{(21)} - 3m_{100}^{(10)} m_{211}^{(22)} m_{112}^{(11)} \\
&- 4m_{100}^{(10)} m_{211}^{(22)} m_{031}^{(20)} + 2m_{100}^{(10)} m_{211}^{(22)} m_{022}^{(10)} + 2m_{100}^{(10)} m_{202}^{(10)} m_{022}^{(21)} - 2m_{100}^{(10)} m_{202}^{(10)} m_{013}^{(21)} \\
&- 2m_{100}^{(10)} m_{202}^{(11)} m_{121}^{(22)} + m_{100}^{(10)} m_{202}^{(11)} m_{112}^{(21)} - m_{100}^{(10)} m_{202}^{(11)} m_{022}^{(20)} + 2m_{100}^{(10)} m_{202}^{(11)} m_{013}^{(10)} \\
&- m_{100}^{(10)} m_{202}^{(20)} m_{040}^{(22)} + m_{100}^{(10)} m_{202}^{(20)} m_{022}^{(11)} + 3m_{100}^{(10)} m_{202}^{(21)} m_{130}^{(22)} - m_{100}^{(10)} m_{202}^{(21)} m_{112}^{(11)} \\
&- 2m_{100}^{(10)} m_{202}^{(21)} m_{022}^{(10)} - 3m_{100}^{(10)} m_{202}^{(22)} m_{130}^{(21)} + 2m_{100}^{(10)} m_{202}^{(22)} m_{121}^{(11)} + m_{100}^{(10)} m_{202}^{(22)} m_{040}^{(20)} \\
&- m_{100}^{(10)} m_{130}^{(00)} m_{013}^{(22)} + m_{100}^{(10)} m_{130}^{(00)} m_{004}^{(21)} + 2m_{100}^{(10)} m_{130}^{(10)} m_{103}^{(22)} - 2m_{100}^{(10)} m_{130}^{(10)} m_{004}^{(20)} \\
&+ 2m_{100}^{(10)} m_{130}^{(20)} m_{112}^{(22)} - 4m_{100}^{(10)} m_{130}^{(20)} m_{103}^{(21)} + 2m_{100}^{(10)} m_{130}^{(20)} m_{004}^{(10)} + 4m_{100}^{(10)} m_{130}^{(21)} m_{103}^{(20)} \\
&- m_{100}^{(10)} m_{130}^{(21)} m_{004}^{(00)} - 2m_{100}^{(10)} m_{130}^{(22)} m_{112}^{(20)} - 2m_{100}^{(10)} m_{130}^{(22)} m_{103}^{(10)} + m_{100}^{(10)} m_{130}^{(22)} m_{013}^{(00)} \\
&+ 3m_{100}^{(10)} m_{121}^{(00)} m_{022}^{(22)} - 3m_{100}^{(10)} m_{121}^{(00)} m_{013}^{(21)} - 10m_{100}^{(10)} m_{121}^{(10)} m_{112}^{(22)} + 4m_{100}^{(10)} m_{121}^{(10)} m_{103}^{(21)} \\
&+ 6m_{100}^{(10)} m_{121}^{(10)} m_{013}^{(20)} - 2m_{100}^{(10)} m_{121}^{(11)} m_{103}^{(20)} + 4m_{100}^{(10)} m_{121}^{(20)} m_{112}^{(21)} + 2m_{100}^{(10)} m_{121}^{(20)} m_{103}^{(11)} \\
&- 6m_{100}^{(10)} m_{121}^{(20)} m_{013}^{(10)} - 4m_{100}^{(10)} m_{121}^{(21)} m_{112}^{(20)} - 4m_{100}^{(10)} m_{121}^{(21)} m_{103}^{(10)} + 3m_{100}^{(10)} m_{121}^{(21)} m_{013}^{(00)} \\
&+ 10m_{100}^{(10)} m_{121}^{(22)} m_{112}^{(10)} - 3m_{100}^{(10)} m_{121}^{(22)} m_{022}^{(00)} - 3m_{100}^{(10)} m_{112}^{(00)} m_{031}^{(22)} + 3m_{100}^{(10)} m_{112}^{(00)} m_{022}^{(21)}
\end{aligned}
$$

$$
\begin{aligned}
&-4m_{100}^{(10)}m_{112}^{(10)}m_{103}^{(11)} - 6m_{100}^{(10)}m_{112}^{(10)}m_{022}^{(20)} + 4m_{100}^{(10)}m_{112}^{(11)}m_{103}^{(10)} + 6m_{100}^{(10)}m_{112}^{(20)}m_{022}^{(10)}\\
&-3m_{100}^{(10)}m_{112}^{(21)}m_{022}^{(00)} + 3m_{100}^{(10)}m_{112}^{(22)}m_{031}^{(00)} + m_{100}^{(10)}m_{103}^{(00)}m_{040}^{(22)} - m_{100}^{(10)}m_{103}^{(00)}m_{031}^{(21)}\\
&+2m_{100}^{(10)}m_{103}^{(10)}m_{031}^{(20)} - 2m_{100}^{(10)}m_{103}^{(20)}m_{031}^{(10)} + m_{100}^{(10)}m_{103}^{(21)}m_{031}^{(00)} - m_{100}^{(10)}m_{103}^{(22)}m_{040}^{(00)}\\
&+m_{100}^{(10)}m_{040}^{(00)}m_{004}^{(20)} - m_{100}^{(10)}m_{040}^{(20)}m_{004}^{(00)} - 2m_{100}^{(10)}m_{031}^{(00)}m_{013}^{(20)} - 2m_{100}^{(10)}m_{031}^{(00)}m_{004}^{(10)}\\
&+2m_{100}^{(10)}m_{031}^{(10)}m_{004}^{(00)} + 2m_{100}^{(10)}m_{031}^{(20)}m_{013}^{(00)} + 6m_{100}^{(10)}m_{022}^{(00)}m_{013}^{(10)} - 6m_{100}^{(10)}m_{022}^{(10)}m_{013}^{(00)}\\
&+m_{100}^{(11)}m_{310}^{(11)}m_{103}^{(22)} - m_{100}^{(11)}m_{310}^{(11)}m_{004}^{(20)} + m_{100}^{(11)}m_{310}^{(20)}m_{022}^{(22)} - 2m_{100}^{(11)}m_{310}^{(20)}m_{013}^{(21)}\\
&+m_{100}^{(11)}m_{310}^{(20)}m_{004}^{(11)} - 2m_{100}^{(11)}m_{310}^{(21)}m_{112}^{(22)} + 2m_{100}^{(11)}m_{310}^{(21)}m_{013}^{(20)} + 2m_{100}^{(11)}m_{310}^{(22)}m_{112}^{(21)}\\
&-m_{100}^{(11)}m_{310}^{(22)}m_{103}^{(11)} - m_{100}^{(11)}m_{310}^{(22)}m_{022}^{(20)} - m_{100}^{(11)}m_{301}^{(11)}m_{112}^{(22)} + m_{100}^{(11)}m_{301}^{(11)}m_{013}^{(20)}\\
&-m_{100}^{(11)}m_{301}^{(20)}m_{031}^{(22)} + 2m_{100}^{(11)}m_{301}^{(20)}m_{022}^{(21)} - m_{100}^{(11)}m_{301}^{(20)}m_{013}^{(11)} + 2m_{100}^{(11)}m_{301}^{(21)}m_{121}^{(22)}\\
&-2m_{100}^{(11)}m_{301}^{(21)}m_{022}^{(20)} - 2m_{100}^{(11)}m_{301}^{(22)}m_{121}^{(21)} + m_{100}^{(11)}m_{301}^{(22)}m_{112}^{(11)} + m_{100}^{(11)}m_{301}^{(22)}m_{031}^{(20)}\\
&-2m_{100}^{(11)}m_{220}^{(10)}m_{103}^{(22)} + 2m_{100}^{(11)}m_{220}^{(10)}m_{004}^{(20)} + 2m_{100}^{(11)}m_{220}^{(20)}m_{103}^{(21)} - 2m_{100}^{(11)}m_{220}^{(20)}m_{004}^{(10)}\\
&+2m_{100}^{(11)}m_{220}^{(21)}m_{202}^{(22)} - 2m_{100}^{(11)}m_{220}^{(21)}m_{103}^{(20)} - 2m_{100}^{(11)}m_{220}^{(22)}m_{202}^{(21)} + 2m_{100}^{(11)}m_{220}^{(22)}m_{103}^{(10)}\\
&-m_{100}^{(11)}m_{211}^{(00)}m_{022}^{(22)} + 2m_{100}^{(11)}m_{211}^{(00)}m_{013}^{(21)} - m_{100}^{(11)}m_{211}^{(00)}m_{004}^{(11)} + 4m_{100}^{(11)}m_{211}^{(10)}m_{112}^{(22)}\\
&-4m_{100}^{(11)}m_{211}^{(10)}m_{013}^{(20)} - 2m_{100}^{(11)}m_{211}^{(11)}m_{202}^{(22)} + m_{100}^{(11)}m_{211}^{(11)}m_{103}^{(20)} + m_{100}^{(11)}m_{211}^{(11)}m_{004}^{(00)}\\
&-m_{100}^{(11)}m_{211}^{(20)}m_{121}^{(22)} - 2m_{100}^{(11)}m_{211}^{(20)}m_{112}^{(21)} - m_{100}^{(11)}m_{211}^{(20)}m_{103}^{(11)} + 4m_{100}^{(11)}m_{211}^{(20)}m_{013}^{(10)}\\
&+2m_{100}^{(11)}m_{211}^{(21)}m_{112}^{(20)} - 2m_{100}^{(11)}m_{211}^{(21)}m_{013}^{(00)} + 2m_{100}^{(11)}m_{211}^{(22)}m_{202}^{(11)} + m_{100}^{(11)}m_{211}^{(22)}m_{121}^{(20)}\\
&-4m_{100}^{(11)}m_{211}^{(22)}m_{112}^{(10)} + m_{100}^{(11)}m_{211}^{(22)}m_{022}^{(00)} + m_{100}^{(11)}m_{202}^{(00)}m_{031}^{(22)} - 2m_{100}^{(11)}m_{202}^{(00)}m_{022}^{(21)}\\
&+m_{100}^{(11)}m_{202}^{(00)}m_{013}^{(11)} - 2m_{100}^{(11)}m_{202}^{(10)}m_{121}^{(22)} + 2m_{100}^{(11)}m_{202}^{(10)}m_{022}^{(20)} - m_{100}^{(11)}m_{202}^{(11)}m_{112}^{(20)}\\
&-m_{100}^{(11)}m_{202}^{(11)}m_{013}^{(00)} + m_{100}^{(11)}m_{202}^{(20)}m_{130}^{(22)} + m_{100}^{(11)}m_{202}^{(20)}m_{112}^{(11)} - 2m_{100}^{(11)}m_{202}^{(20)}m_{022}^{(10)}\\
&+2m_{100}^{(11)}m_{202}^{(21)}m_{022}^{(00)} - m_{100}^{(11)}m_{202}^{(22)}m_{130}^{(20)} + 2m_{100}^{(11)}m_{202}^{(22)}m_{121}^{(10)} - m_{100}^{(11)}m_{202}^{(22)}m_{031}^{(00)}\\
&+m_{100}^{(11)}m_{130}^{(00)}m_{103}^{(22)} - m_{100}^{(11)}m_{130}^{(00)}m_{004}^{(20)} + m_{100}^{(11)}m_{130}^{(20)}m_{004}^{(00)} - m_{100}^{(11)}m_{130}^{(22)}m_{103}^{(00)}\\
&-m_{100}^{(11)}m_{121}^{(00)}m_{112}^{(22)} - 2m_{100}^{(11)}m_{121}^{(00)}m_{103}^{(21)} + m_{100}^{(11)}m_{121}^{(00)}m_{013}^{(20)} + 2m_{100}^{(11)}m_{121}^{(00)}m_{004}^{(10)}\\
&-2m_{100}^{(11)}m_{121}^{(10)}m_{004}^{(00)} - m_{100}^{(11)}m_{121}^{(20)}m_{013}^{(00)} + 2m_{100}^{(11)}m_{121}^{(21)}m_{103}^{(00)} + m_{100}^{(11)}m_{121}^{(22)}m_{112}^{(00)}\\
&+2m_{100}^{(11)}m_{112}^{(00)}m_{103}^{(11)} + m_{100}^{(11)}m_{112}^{(00)}m_{022}^{(20)} - 4m_{100}^{(11)}m_{112}^{(00)}m_{013}^{(10)} + 4m_{100}^{(11)}m_{112}^{(10)}m_{013}^{(00)}\\
&-2m_{100}^{(11)}m_{112}^{(11)}m_{103}^{(00)} - m_{100}^{(11)}m_{112}^{(20)}m_{022}^{(00)} - m_{100}^{(11)}m_{103}^{(00)}m_{031}^{(20)} + 2m_{100}^{(11)}m_{103}^{(00)}m_{022}^{(10)}\\
&-2m_{100}^{(11)}m_{103}^{(10)}m_{022}^{(00)} + m_{100}^{(11)}m_{103}^{(20)}m_{031}^{(00)} + m_{100}^{(20)}m_{310}^{(11)}m_{022}^{(22)} - m_{100}^{(20)}m_{310}^{(11)}m_{013}^{(21)}\\
&-m_{100}^{(20)}m_{310}^{(21)}m_{031}^{(22)} + m_{100}^{(20)}m_{310}^{(21)}m_{013}^{(11)} + m_{100}^{(20)}m_{310}^{(22)}m_{031}^{(21)} - m_{100}^{(20)}m_{310}^{(22)}m_{022}^{(11)}\\
&-m_{100}^{(20)}m_{301}^{(11)}m_{031}^{(22)} + m_{100}^{(20)}m_{301}^{(11)}m_{022}^{(21)} + m_{100}^{(20)}m_{301}^{(21)}m_{040}^{(22)} - m_{100}^{(20)}m_{301}^{(21)}m_{022}^{(11)}\\
&-m_{100}^{(20)}m_{301}^{(22)}m_{040}^{(21)} + m_{100}^{(20)}m_{301}^{(22)}m_{031}^{(11)} - m_{100}^{(20)}m_{220}^{(10)}m_{022}^{(22)} + m_{100}^{(20)}m_{220}^{(10)}m_{004}^{(11)}\\
&-2m_{100}^{(20)}m_{220}^{(11)}m_{112}^{(22)} + 3m_{100}^{(20)}m_{220}^{(11)}m_{103}^{(21)} - m_{100}^{(20)}m_{220}^{(11)}m_{004}^{(10)} + 2m_{100}^{(20)}m_{220}^{(20)}m_{031}^{(22)}\\
&-2m_{100}^{(20)}m_{220}^{(20)}m_{022}^{(21)} + m_{100}^{(20)}m_{220}^{(21)}m_{121}^{(22)} - 3m_{100}^{(20)}m_{220}^{(21)}m_{103}^{(11)} + 2m_{100}^{(20)}m_{220}^{(21)}m_{022}^{(20)}\\
&-m_{100}^{(20)}m_{220}^{(22)}m_{121}^{(21)} + 2m_{100}^{(20)}m_{220}^{(22)}m_{112}^{(11)} - 2m_{100}^{(20)}m_{220}^{(22)}m_{031}^{(20)} + m_{100}^{(20)}m_{220}^{(22)}m_{022}^{(10)}\\
&+4m_{100}^{(20)}m_{211}^{(10)}m_{022}^{(21)} - 4m_{100}^{(20)}m_{211}^{(10)}m_{013}^{(11)} + 3m_{100}^{(20)}m_{211}^{(11)}m_{121}^{(22)} - 5m_{100}^{(20)}m_{211}^{(11)}m_{112}^{(21)}\\
&-2m_{100}^{(20)}m_{211}^{(11)}m_{022}^{(20)} + 4m_{100}^{(20)}m_{211}^{(11)}m_{013}^{(10)} - 2m_{100}^{(20)}m_{211}^{(20)}m_{040}^{(22)} + 2m_{100}^{(20)}m_{211}^{(20)}m_{022}^{(11)}\\
&-m_{100}^{(20)}m_{211}^{(21)}m_{130}^{(22)} + 5m_{100}^{(20)}m_{211}^{(21)}m_{112}^{(11)} - 4m_{100}^{(20)}m_{211}^{(21)}m_{022}^{(10)} + m_{100}^{(20)}m_{211}^{(22)}m_{130}^{(21)}\\
&-3m_{100}^{(20)}m_{211}^{(22)}m_{121}^{(11)} + 2m_{100}^{(20)}m_{211}^{(22)}m_{040}^{(20)} + m_{100}^{(20)}m_{202}^{(10)}m_{040}^{(22)} - 4m_{100}^{(20)}m_{202}^{(10)}m_{031}^{(21)}\\
&+3m_{100}^{(20)}m_{202}^{(10)}m_{022}^{(11)} - m_{100}^{(20)}m_{202}^{(11)}m_{130}^{(22)} + 2m_{100}^{(20)}m_{202}^{(11)}m_{121}^{(21)} + 2m_{100}^{(20)}m_{202}^{(11)}m_{031}^{(20)}\\
&-3m_{100}^{(20)}m_{202}^{(11)}m_{022}^{(10)} + 2m_{100}^{(20)}m_{202}^{(20)}m_{040}^{(21)} - 2m_{100}^{(20)}m_{202}^{(20)}m_{031}^{(11)} - 2m_{100}^{(20)}m_{202}^{(21)}m_{121}^{(11)}
\end{aligned}
$$

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\begin{aligned}
&-2m_{100}^{(20)}m_{202}^{(21)}m_{040}^{(20)}+4m_{100}^{(20)}m_{202}^{(21)}m_{031}^{(10)}+m_{100}^{(20)}m_{202}^{(22)}m_{130}^{(11)}-m_{100}^{(20)}m_{202}^{(22)}m_{040}^{(10)}\\
&+m_{100}^{(20)}m_{130}^{(00)}m_{013}^{(21)}-m_{100}^{(20)}m_{130}^{(00)}m_{004}^{(11)}+2m_{100}^{(20)}m_{130}^{(10)}m_{112}^{(22)}-4m_{100}^{(20)}m_{130}^{(10)}m_{103}^{(21)}\\
&+2m_{100}^{(20)}m_{130}^{(10)}m_{013}^{(20)}-2m_{100}^{(20)}m_{130}^{(11)}m_{103}^{(20)}+m_{100}^{(20)}m_{130}^{(11)}m_{004}^{(00)}-4m_{100}^{(20)}m_{130}^{(20)}m_{121}^{(22)}\\
&+4m_{100}^{(20)}m_{130}^{(20)}m_{112}^{(21)}+2m_{100}^{(20)}m_{130}^{(20)}m_{103}^{(11)}-2m_{100}^{(20)}m_{130}^{(20)}m_{013}^{(10)}-4m_{100}^{(20)}m_{130}^{(21)}m_{112}^{(20)}\\
&+4m_{100}^{(20)}m_{130}^{(21)}m_{103}^{(10)}-m_{100}^{(20)}m_{130}^{(21)}m_{013}^{(00)}+4m_{100}^{(20)}m_{130}^{(22)}m_{121}^{(20)}-2m_{100}^{(20)}m_{130}^{(22)}m_{112}^{(10)}\\
&-3m_{100}^{(20)}m_{121}^{(00)}m_{022}^{(21)}+3m_{100}^{(20)}m_{121}^{(00)}m_{013}^{(11)}+4m_{100}^{(20)}m_{121}^{(10)}m_{112}^{(21)}+2m_{100}^{(20)}m_{121}^{(10)}m_{103}^{(11)}\\
&-6m_{100}^{(20)}m_{121}^{(10)}m_{022}^{(20)}+10m_{100}^{(20)}m_{121}^{(11)}m_{112}^{(20)}-2m_{100}^{(20)}m_{121}^{(11)}m_{103}^{(10)}-3m_{100}^{(20)}m_{121}^{(11)}m_{013}^{(00)}\\
&-10m_{100}^{(20)}m_{121}^{(20)}m_{112}^{(11)}+6m_{100}^{(20)}m_{121}^{(20)}m_{022}^{(10)}-4m_{100}^{(20)}m_{121}^{(21)}m_{112}^{(10)}+3m_{100}^{(20)}m_{121}^{(21)}m_{022}^{(00)}\\
&+3m_{100}^{(20)}m_{112}^{(00)}m_{031}^{(21)}-3m_{100}^{(20)}m_{112}^{(00)}m_{022}^{(11)}+6m_{100}^{(20)}m_{112}^{(10)}m_{031}^{(20)}+3m_{100}^{(20)}m_{112}^{(11)}m_{022}^{(00)}\\
&-6m_{100}^{(20)}m_{112}^{(20)}m_{031}^{(10)}-3m_{100}^{(20)}m_{112}^{(21)}m_{031}^{(00)}-m_{100}^{(20)}m_{103}^{(00)}m_{040}^{(21)}+m_{100}^{(20)}m_{103}^{(00)}m_{031}^{(11)}\\
&-2m_{100}^{(20)}m_{103}^{(10)}m_{040}^{(20)}-m_{100}^{(20)}m_{103}^{(11)}m_{031}^{(00)}+2m_{100}^{(20)}m_{103}^{(20)}m_{040}^{(10)}+m_{100}^{(20)}m_{103}^{(21)}m_{040}^{(00)}\\
&-2m_{100}^{(20)}m_{040}^{(00)}m_{013}^{(20)}+m_{100}^{(20)}m_{040}^{(00)}m_{004}^{(10)}-m_{100}^{(20)}m_{040}^{(10)}m_{004}^{(00)}+2m_{100}^{(20)}m_{040}^{(20)}m_{013}^{(00)}\\
&+6m_{100}^{(20)}m_{031}^{(00)}m_{022}^{(20)}-2m_{100}^{(20)}m_{031}^{(00)}m_{013}^{(10)}+2m_{100}^{(20)}m_{031}^{(10)}m_{013}^{(00)}-6m_{100}^{(20)}m_{031}^{(20)}m_{022}^{(00)}\\
&-m_{100}^{(21)}m_{310}^{(10)}m_{022}^{(22)}+2m_{100}^{(21)}m_{310}^{(10)}m_{013}^{(21)}-m_{100}^{(21)}m_{310}^{(10)}m_{004}^{(11)}-2m_{100}^{(21)}m_{310}^{(11)}m_{103}^{(21)}\\
&+m_{100}^{(21)}m_{310}^{(11)}m_{013}^{(20)}+m_{100}^{(21)}m_{310}^{(11)}m_{004}^{(10)}-m_{100}^{(21)}m_{310}^{(20)}m_{031}^{(22)}+2m_{100}^{(21)}m_{310}^{(20)}m_{022}^{(21)}\\
&-m_{100}^{(21)}m_{310}^{(20)}m_{013}^{(11)}+2m_{100}^{(21)}m_{310}^{(21)}m_{121}^{(22)}+2m_{100}^{(21)}m_{310}^{(21)}m_{103}^{(11)}-2m_{100}^{(21)}m_{310}^{(21)}m_{022}^{(20)}\\
&-2m_{100}^{(21)}m_{310}^{(21)}m_{013}^{(10)}-2m_{100}^{(21)}m_{310}^{(22)}m_{121}^{(21)}+m_{100}^{(21)}m_{310}^{(22)}m_{031}^{(20)}+m_{100}^{(21)}m_{310}^{(22)}m_{022}^{(10)}\\
&+m_{100}^{(21)}m_{301}^{(10)}m_{031}^{(22)}-2m_{100}^{(21)}m_{301}^{(10)}m_{022}^{(21)}+m_{100}^{(21)}m_{301}^{(10)}m_{013}^{(11)}+2m_{100}^{(21)}m_{301}^{(11)}m_{112}^{(21)}\\
&-m_{100}^{(21)}m_{301}^{(11)}m_{022}^{(20)}-m_{100}^{(21)}m_{301}^{(11)}m_{013}^{(10)}+m_{100}^{(21)}m_{301}^{(20)}m_{040}^{(22)}-2m_{100}^{(21)}m_{301}^{(20)}m_{031}^{(21)}\\
&+m_{100}^{(21)}m_{301}^{(20)}m_{022}^{(11)}-2m_{100}^{(21)}m_{301}^{(21)}m_{130}^{(22)}-2m_{100}^{(21)}m_{301}^{(21)}m_{112}^{(11)}+2m_{100}^{(21)}m_{301}^{(21)}m_{031}^{(20)}\\
&+2m_{100}^{(21)}m_{301}^{(21)}m_{022}^{(10)}+2m_{100}^{(21)}m_{301}^{(22)}m_{130}^{(21)}-m_{100}^{(21)}m_{301}^{(22)}m_{040}^{(20)}-m_{100}^{(21)}m_{301}^{(22)}m_{031}^{(10)}\\
&+m_{100}^{(21)}m_{220}^{(00)}m_{022}^{(22)}-2m_{100}^{(21)}m_{220}^{(00)}m_{013}^{(21)}+m_{100}^{(21)}m_{220}^{(00)}m_{004}^{(11)}+2m_{100}^{(21)}m_{220}^{(10)}m_{112}^{(22)}\\
&+2m_{100}^{(21)}m_{220}^{(10)}m_{103}^{(21)}-4m_{100}^{(21)}m_{220}^{(10)}m_{013}^{(20)}+m_{100}^{(21)}m_{220}^{(11)}m_{103}^{(20)}-m_{100}^{(21)}m_{220}^{(11)}m_{004}^{(00)}\\
&+m_{100}^{(21)}m_{220}^{(20)}m_{121}^{(22)}-4m_{100}^{(21)}m_{220}^{(20)}m_{112}^{(21)}-m_{100}^{(21)}m_{220}^{(20)}m_{103}^{(11)}+4m_{100}^{(21)}m_{220}^{(20)}m_{013}^{(10)}\\
&-4m_{100}^{(21)}m_{220}^{(21)}m_{211}^{(22)}+4m_{100}^{(21)}m_{220}^{(21)}m_{112}^{(20)}-2m_{100}^{(21)}m_{220}^{(21)}m_{103}^{(10)}+2m_{100}^{(21)}m_{220}^{(21)}m_{013}^{(00)}\\
&+4m_{100}^{(21)}m_{220}^{(22)}m_{211}^{(21)}-m_{100}^{(21)}m_{220}^{(22)}m_{121}^{(20)}-2m_{100}^{(21)}m_{220}^{(22)}m_{112}^{(10)}-m_{100}^{(21)}m_{220}^{(22)}m_{022}^{(00)}\\
&-3m_{100}^{(21)}m_{211}^{(10)}m_{121}^{(22)}-6m_{100}^{(21)}m_{211}^{(10)}m_{112}^{(21)}+m_{100}^{(21)}m_{211}^{(10)}m_{103}^{(11)}+8m_{100}^{(21)}m_{211}^{(10)}m_{022}^{(20)}\\
&+4m_{100}^{(21)}m_{211}^{(11)}m_{202}^{(21)}-3m_{100}^{(21)}m_{211}^{(11)}m_{112}^{(20)}-m_{100}^{(21)}m_{211}^{(11)}m_{103}^{(10)}-m_{100}^{(21)}m_{211}^{(20)}m_{130}^{(22)}\\
&+6m_{100}^{(21)}m_{211}^{(20)}m_{121}^{(21)}+3m_{100}^{(21)}m_{211}^{(20)}m_{112}^{(11)}-8m_{100}^{(21)}m_{211}^{(20)}m_{022}^{(10)}-4m_{100}^{(21)}m_{211}^{(21)}m_{202}^{(11)}\\
&-6m_{100}^{(21)}m_{211}^{(21)}m_{121}^{(20)}+6m_{100}^{(21)}m_{211}^{(21)}m_{112}^{(10)}+m_{100}^{(21)}m_{211}^{(22)}m_{130}^{(20)}+3m_{100}^{(21)}m_{211}^{(22)}m_{121}^{(10)}\\
&-m_{100}^{(21)}m_{202}^{(00)}m_{040}^{(22)}+2m_{100}^{(21)}m_{202}^{(00)}m_{031}^{(21)}-m_{100}^{(21)}m_{202}^{(00)}m_{022}^{(11)}+m_{100}^{(21)}m_{202}^{(10)}m_{130}^{(22)}\\
&+4m_{100}^{(21)}m_{202}^{(10)}m_{121}^{(21)}-m_{100}^{(21)}m_{202}^{(10)}m_{112}^{(11)}-4m_{100}^{(21)}m_{202}^{(10)}m_{031}^{(20)}+2m_{100}^{(21)}m_{202}^{(11)}m_{121}^{(20)}\\
&+m_{100}^{(21)}m_{202}^{(11)}m_{112}^{(10)}+m_{100}^{(21)}m_{202}^{(11)}m_{022}^{(00)}-2m_{100}^{(21)}m_{202}^{(20)}m_{130}^{(21)}-2m_{100}^{(21)}m_{202}^{(20)}m_{121}^{(11)}\\
&+4m_{100}^{(21)}m_{202}^{(20)}m_{031}^{(10)}+2m_{100}^{(21)}m_{202}^{(21)}m_{130}^{(20)}-4m_{100}^{(21)}m_{202}^{(21)}m_{121}^{(10)}-2m_{100}^{(21)}m_{202}^{(21)}m_{031}^{(00)}\\
&-m_{100}^{(21)}m_{202}^{(22)}m_{130}^{(10)}+m_{100}^{(21)}m_{202}^{(22)}m_{040}^{(00)}-2m_{100}^{(21)}m_{130}^{(00)}m_{112}^{(22)}+3m_{100}^{(21)}m_{130}^{(00)}m_{013}^{(20)}\\
&-m_{100}^{(21)}m_{130}^{(00)}m_{004}^{(11)}+m_{100}^{(21)}m_{130}^{(10)}m_{004}^{(00)}-3m_{100}^{(21)}m_{130}^{(20)}m_{013}^{(00)}+2m_{100}^{(21)}m_{130}^{(22)}m_{112}^{(00)}\\
&+8m_{100}^{(21)}m_{121}^{(00)}m_{112}^{(21)}-2m_{100}^{(21)}m_{121}^{(00)}m_{103}^{(11)}-5m_{100}^{(21)}m_{121}^{(00)}m_{022}^{(20)}-m_{100}^{(21)}m_{121}^{(00)}m_{013}^{(10)}\\
&+m_{100}^{(21)}m_{121}^{(10)}m_{013}^{(00)}+2m_{100}^{(21)}m_{121}^{(11)}m_{103}^{(00)}+5m_{100}^{(21)}m_{121}^{(20)}m_{022}^{(00)}-8m_{100}^{(21)}m_{121}^{(21)}m_{112}^{(00)}
\end{aligned}
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\begin{aligned}
&+m_{100}^{(21)}m_{112}^{(00)}m_{031}^{(20)}+5m_{100}^{(21)}m_{112}^{(00)}m_{022}^{(10)}-5m_{100}^{(21)}m_{112}^{(10)}m_{022}^{(00)}-m_{100}^{(21)}m_{112}^{(20)}m_{031}^{(00)}\\
&+m_{100}^{(21)}m_{103}^{(00)}m_{040}^{(20)}-3m_{100}^{(21)}m_{103}^{(00)}m_{031}^{(10)}+3m_{100}^{(21)}m_{103}^{(10)}m_{031}^{(00)}-m_{100}^{(21)}m_{103}^{(20)}m_{040}^{(00)}\\
&+m_{100}^{(22)}m_{310}^{(10)}m_{031}^{(22)}-2m_{100}^{(22)}m_{310}^{(10)}m_{022}^{(21)}+m_{100}^{(22)}m_{310}^{(10)}m_{013}^{(11)}-m_{100}^{(22)}m_{310}^{(11)}m_{121}^{(22)}\\
&+2m_{100}^{(22)}m_{310}^{(11)}m_{112}^{(21)}-m_{100}^{(22)}m_{310}^{(11)}m_{013}^{(10)}-2m_{100}^{(22)}m_{310}^{(21)}m_{112}^{(11)}+2m_{100}^{(22)}m_{310}^{(21)}m_{022}^{(10)}\\
&+m_{100}^{(22)}m_{310}^{(22)}m_{121}^{(11)}-m_{100}^{(22)}m_{310}^{(22)}m_{031}^{(10)}-m_{100}^{(22)}m_{301}^{(10)}m_{040}^{(22)}+2m_{100}^{(22)}m_{301}^{(10)}m_{031}^{(21)}\\
&-m_{100}^{(22)}m_{301}^{(10)}m_{022}^{(11)}+m_{100}^{(22)}m_{301}^{(11)}m_{130}^{(22)}-2m_{100}^{(22)}m_{301}^{(11)}m_{121}^{(21)}+m_{100}^{(22)}m_{301}^{(11)}m_{022}^{(10)}\\
&+2m_{100}^{(22)}m_{301}^{(21)}m_{121}^{(11)}-2m_{100}^{(22)}m_{301}^{(21)}m_{031}^{(10)}-m_{100}^{(22)}m_{301}^{(22)}m_{130}^{(11)}+m_{100}^{(22)}m_{301}^{(22)}m_{040}^{(10)}\\
&-m_{100}^{(22)}m_{220}^{(00)}m_{031}^{(22)}+2m_{100}^{(22)}m_{220}^{(00)}m_{022}^{(21)}-m_{100}^{(22)}m_{220}^{(00)}m_{013}^{(11)}-m_{100}^{(22)}m_{220}^{(10)}m_{121}^{(22)}\\
&-m_{100}^{(22)}m_{220}^{(10)}m_{103}^{(11)}+2m_{100}^{(22)}m_{220}^{(10)}m_{022}^{(20)}+2m_{100}^{(22)}m_{220}^{(11)}m_{211}^{(22)}-2m_{100}^{(22)}m_{220}^{(11)}m_{202}^{(21)}\\
&-2m_{100}^{(22)}m_{220}^{(11)}m_{112}^{(20)}+m_{100}^{(22)}m_{220}^{(11)}m_{103}^{(10)}+m_{100}^{(22)}m_{220}^{(11)}m_{013}^{(00)}+2m_{100}^{(22)}m_{220}^{(20)}m_{112}^{(11)}\\
&-2m_{100}^{(22)}m_{220}^{(20)}m_{022}^{(10)}+2m_{100}^{(22)}m_{220}^{(21)}m_{202}^{(11)}-2m_{100}^{(22)}m_{220}^{(21)}m_{022}^{(00)}-2m_{100}^{(22)}m_{220}^{(22)}m_{211}^{(11)}\\
&+m_{100}^{(22)}m_{220}^{(22)}m_{121}^{(10)}+m_{100}^{(22)}m_{220}^{(22)}m_{031}^{(00)}+m_{100}^{(22)}m_{211}^{(00)}m_{040}^{(22)}-2m_{100}^{(22)}m_{211}^{(00)}m_{031}^{(21)}\\
&+m_{100}^{(22)}m_{211}^{(00)}m_{022}^{(11)}+m_{100}^{(22)}m_{211}^{(10)}m_{130}^{(22)}+2m_{100}^{(22)}m_{211}^{(10)}m_{121}^{(21)}+m_{100}^{(22)}m_{211}^{(10)}m_{112}^{(11)}\\
&-4m_{100}^{(22)}m_{211}^{(10)}m_{031}^{(20)}+4m_{100}^{(22)}m_{211}^{(11)}m_{121}^{(20)}-m_{100}^{(22)}m_{211}^{(11)}m_{112}^{(10)}-m_{100}^{(22)}m_{211}^{(11)}m_{022}^{(00)}\\
&-4m_{100}^{(22)}m_{211}^{(20)}m_{121}^{(11)}+4m_{100}^{(22)}m_{211}^{(20)}m_{031}^{(10)}-2m_{100}^{(22)}m_{211}^{(21)}m_{121}^{(10)}+2m_{100}^{(22)}m_{211}^{(21)}m_{031}^{(00)}\\
&-m_{100}^{(22)}m_{211}^{(22)}m_{130}^{(10)}-m_{100}^{(22)}m_{211}^{(22)}m_{040}^{(00)}-2m_{100}^{(22)}m_{202}^{(10)}m_{130}^{(21)}+2m_{100}^{(22)}m_{202}^{(10)}m_{040}^{(20)}\\
&-2m_{100}^{(22)}m_{202}^{(11)}m_{130}^{(20)}+2m_{100}^{(22)}m_{202}^{(20)}m_{130}^{(11)}-2m_{100}^{(22)}m_{202}^{(20)}m_{040}^{(10)}+2m_{100}^{(22)}m_{202}^{(21)}m_{130}^{(10)}\\
&+2m_{100}^{(22)}m_{130}^{(00)}m_{121}^{(22)}-2m_{100}^{(22)}m_{130}^{(00)}m_{112}^{(21)}+m_{100}^{(22)}m_{130}^{(00)}m_{103}^{(11)}-2m_{100}^{(22)}m_{130}^{(00)}m_{022}^{(20)}\\
&+m_{100}^{(22)}m_{130}^{(00)}m_{013}^{(10)}-m_{100}^{(22)}m_{130}^{(10)}m_{013}^{(00)}-m_{100}^{(22)}m_{130}^{(11)}m_{103}^{(00)}+2m_{100}^{(22)}m_{130}^{(20)}m_{022}^{(00)}\\
&+2m_{100}^{(22)}m_{130}^{(21)}m_{112}^{(00)}-2m_{100}^{(22)}m_{130}^{(22)}m_{121}^{(00)}-m_{100}^{(22)}m_{121}^{(00)}m_{112}^{(11)}+4m_{100}^{(22)}m_{121}^{(00)}m_{031}^{(20)}\\
&-m_{100}^{(22)}m_{121}^{(00)}m_{022}^{(10)}+m_{100}^{(22)}m_{121}^{(10)}m_{022}^{(00)}+m_{100}^{(22)}m_{121}^{(11)}m_{112}^{(00)}-4m_{100}^{(22)}m_{121}^{(20)}m_{031}^{(00)}\\
&-2m_{100}^{(22)}m_{112}^{(00)}m_{040}^{(20)}-m_{100}^{(22)}m_{112}^{(00)}m_{031}^{(10)}+m_{100}^{(22)}m_{112}^{(10)}m_{031}^{(00)}+2m_{100}^{(22)}m_{112}^{(20)}m_{040}^{(00)}\\
&+m_{100}^{(22)}m_{103}^{(00)}m_{040}^{(10)}-m_{100}^{(22)}m_{103}^{(10)}m_{040}^{(00)}-m_{010}^{(00)}m_{310}^{(11)}m_{013}^{(22)}+m_{010}^{(00)}m_{310}^{(11)}m_{004}^{(21)}\\
&+m_{010}^{(00)}m_{310}^{(21)}m_{022}^{(22)}-m_{010}^{(00)}m_{310}^{(21)}m_{004}^{(11)}-m_{010}^{(00)}m_{310}^{(22)}m_{021}^{(21)}+m_{010}^{(00)}m_{310}^{(22)}m_{013}^{(11)}\\
&+m_{010}^{(00)}m_{301}^{(11)}m_{022}^{(22)}-m_{010}^{(00)}m_{301}^{(11)}m_{013}^{(21)}-m_{010}^{(00)}m_{301}^{(22)}m_{031}^{(21)}+m_{010}^{(00)}m_{301}^{(22)}m_{013}^{(11)}\\
&+m_{010}^{(00)}m_{301}^{(22)}m_{031}^{(21)}-m_{010}^{(00)}m_{301}^{(22)}m_{022}^{(11)}+2m_{010}^{(00)}m_{220}^{(10)}m_{013}^{(22)}-2m_{010}^{(00)}m_{220}^{(10)}m_{004}^{(21)}\\
&-2m_{010}^{(00)}m_{220}^{(20)}m_{022}^{(22)}+2m_{010}^{(00)}m_{220}^{(20)}m_{013}^{(21)}-2m_{010}^{(00)}m_{220}^{(21)}m_{013}^{(20)}+2m_{010}^{(00)}m_{220}^{(21)}m_{004}^{(10)}\\
&+2m_{010}^{(00)}m_{220}^{(22)}m_{022}^{(20)}-2m_{010}^{(00)}m_{220}^{(22)}m_{013}^{(10)}-2m_{010}^{(00)}m_{211}^{(10)}m_{022}^{(22)}+2m_{010}^{(00)}m_{211}^{(10)}m_{004}^{(11)}\\
&+m_{010}^{(00)}m_{211}^{(11)}m_{112}^{(22)}-m_{010}^{(00)}m_{211}^{(11)}m_{103}^{(21)}+2m_{010}^{(00)}m_{211}^{(11)}m_{013}^{(20)}-2m_{010}^{(00)}m_{211}^{(11)}m_{004}^{(10)}\\
&+2m_{010}^{(00)}m_{211}^{(20)}m_{031}^{(22)}-2m_{010}^{(00)}m_{211}^{(20)}m_{013}^{(11)}-m_{010}^{(00)}m_{211}^{(21)}m_{121}^{(22)}+m_{010}^{(00)}m_{211}^{(21)}m_{103}^{(11)}\\
&+m_{010}^{(00)}m_{211}^{(22)}m_{121}^{(21)}-m_{010}^{(00)}m_{211}^{(22)}m_{112}^{(11)}-2m_{010}^{(00)}m_{211}^{(22)}m_{031}^{(20)}+2m_{010}^{(00)}m_{211}^{(22)}m_{022}^{(10)}\\
&+2m_{010}^{(00)}m_{202}^{(10)}m_{022}^{(21)}-2m_{010}^{(00)}m_{202}^{(10)}m_{013}^{(11)}-m_{010}^{(00)}m_{202}^{(11)}m_{121}^{(22)}+m_{010}^{(00)}m_{202}^{(11)}m_{112}^{(21)}\\
&-2m_{010}^{(00)}m_{202}^{(11)}m_{022}^{(20)}+2m_{010}^{(00)}m_{202}^{(11)}m_{013}^{(10)}-2m_{010}^{(00)}m_{202}^{(20)}m_{031}^{(21)}+2m_{010}^{(00)}m_{202}^{(20)}m_{022}^{(11)}\\
&+m_{010}^{(00)}m_{202}^{(21)}m_{130}^{(22)}-m_{010}^{(00)}m_{202}^{(21)}m_{112}^{(11)}+2m_{010}^{(00)}m_{202}^{(21)}m_{031}^{(20)}-2m_{010}^{(00)}m_{202}^{(21)}m_{022}^{(10)}\\
&-m_{010}^{(00)}m_{202}^{(22)}m_{130}^{(21)}+m_{010}^{(00)}m_{202}^{(22)}m_{121}^{(11)}-m_{010}^{(00)}m_{130}^{(00)}m_{013}^{(22)}+m_{010}^{(00)}m_{130}^{(00)}m_{004}^{(21)}\\
&+2m_{010}^{(00)}m_{130}^{(20)}m_{112}^{(22)}-2m_{010}^{(00)}m_{130}^{(20)}m_{103}^{(21)}+2m_{010}^{(00)}m_{130}^{(21)}m_{103}^{(20)}-m_{010}^{(00)}m_{130}^{(21)}m_{004}^{(00)}\\
&-2m_{010}^{(00)}m_{130}^{(22)}m_{112}^{(20)}+m_{010}^{(00)}m_{130}^{(22)}m_{013}^{(00)}+2m_{010}^{(00)}m_{121}^{(00)}m_{022}^{(22)}-m_{010}^{(00)}m_{121}^{(00)}m_{013}^{(21)}\\
&-m_{010}^{(00)}m_{121}^{(00)}m_{004}^{(11)}-4m_{010}^{(00)}m_{121}^{(10)}m_{112}^{(22)}+4m_{010}^{(00)}m_{121}^{(10)}m_{103}^{(21)}-2m_{010}^{(00)}m_{121}^{(11)}m_{103}^{(20)}
\end{aligned}
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$$+m_{010}^{(00)}m_{121}^{(11)}m_{004}^{(00)} - 2m_{010}^{(00)}m_{121}^{(20)}m_{112}^{(21)} + 2m_{010}^{(00)}m_{121}^{(20)}m_{103}^{(11)} + 2m_{010}^{(00)}m_{121}^{(21)}m_{112}^{(20)}$$
$$-4m_{010}^{(00)}m_{121}^{(21)}m_{103}^{(10)} + m_{010}^{(00)}m_{121}^{(21)}m_{013}^{(00)} + 4m_{010}^{(00)}m_{121}^{(22)}m_{112}^{(10)} - 2m_{010}^{(00)}m_{121}^{(22)}m_{022}^{(00)}$$
$$-m_{010}^{(00)}m_{112}^{(00)}m_{031}^{(22)} - m_{010}^{(00)}m_{112}^{(00)}m_{022}^{(21)} + 2m_{010}^{(00)}m_{112}^{(00)}m_{013}^{(11)} - 4m_{010}^{(00)}m_{112}^{(10)}m_{103}^{(11)}$$
$$+4m_{010}^{(00)}m_{112}^{(11)}m_{103}^{(10)} - 2m_{010}^{(00)}m_{112}^{(11)}m_{013}^{(00)} + m_{010}^{(00)}m_{112}^{(21)}m_{022}^{(00)} + m_{010}^{(00)}m_{112}^{(22)}m_{031}^{(00)}$$
$$+m_{010}^{(00)}m_{103}^{(00)}m_{031}^{(21)} - m_{010}^{(00)}m_{103}^{(00)}m_{022}^{(11)} + m_{010}^{(00)}m_{103}^{(11)}m_{022}^{(00)} - m_{010}^{(00)}m_{103}^{(21)}m_{031}^{(00)}$$
$$+m_{010}^{(10)}m_{400}^{(11)}m_{013}^{(22)} - m_{010}^{(10)}m_{400}^{(11)}m_{004}^{(21)} - m_{010}^{(10)}m_{400}^{(21)}m_{022}^{(22)} + m_{010}^{(10)}m_{400}^{(21)}m_{004}^{(11)}$$
$$+m_{010}^{(10)}m_{400}^{(22)}m_{022}^{(21)} - m_{010}^{(10)}m_{400}^{(22)}m_{013}^{(11)} - 2m_{010}^{(10)}m_{310}^{(10)}m_{013}^{(22)} + 2m_{010}^{(10)}m_{310}^{(10)}m_{004}^{(21)}$$
$$+m_{010}^{(10)}m_{310}^{(11)}m_{103}^{(22)} - m_{010}^{(10)}m_{310}^{(11)}m_{004}^{(20)} + 3m_{010}^{(10)}m_{310}^{(20)}m_{022}^{(22)} - 4m_{010}^{(10)}m_{310}^{(20)}m_{013}^{(21)}$$
$$+m_{010}^{(10)}m_{310}^{(20)}m_{004}^{(11)} - 2m_{010}^{(10)}m_{310}^{(21)}m_{112}^{(22)} + 4m_{010}^{(10)}m_{310}^{(21)}m_{013}^{(20)} - 2m_{010}^{(10)}m_{310}^{(21)}m_{004}^{(10)}$$
$$+2m_{010}^{(10)}m_{310}^{(22)}m_{112}^{(21)} - m_{010}^{(10)}m_{310}^{(22)}m_{103}^{(11)} - 3m_{010}^{(10)}m_{310}^{(22)}m_{022}^{(20)} + 2m_{010}^{(10)}m_{310}^{(22)}m_{013}^{(10)}$$
$$+2m_{010}^{(10)}m_{301}^{(10)}m_{013}^{(21)} - 2m_{010}^{(10)}m_{301}^{(10)}m_{004}^{(11)} - 3m_{010}^{(10)}m_{301}^{(11)}m_{112}^{(22)} + 2m_{010}^{(10)}m_{301}^{(11)}m_{103}^{(21)}$$
$$-m_{010}^{(10)}m_{301}^{(11)}m_{013}^{(20)} + 2m_{010}^{(10)}m_{301}^{(11)}m_{004}^{(10)} - m_{010}^{(10)}m_{301}^{(20)}m_{031}^{(22)} + m_{010}^{(10)}m_{301}^{(20)}m_{013}^{(11)}$$
$$+4m_{010}^{(10)}m_{301}^{(21)}m_{121}^{(22)} - 2m_{010}^{(10)}m_{301}^{(21)}m_{103}^{(11)} - 2m_{010}^{(10)}m_{301}^{(21)}m_{013}^{(10)} - 4m_{010}^{(10)}m_{301}^{(22)}m_{121}^{(21)}$$
$$+3m_{010}^{(10)}m_{301}^{(22)}m_{112}^{(11)} + m_{010}^{(10)}m_{301}^{(22)}m_{031}^{(20)} + m_{010}^{(10)}m_{220}^{(00)}m_{013}^{(22)} - m_{010}^{(10)}m_{220}^{(00)}m_{004}^{(21)}$$
$$-2m_{010}^{(10)}m_{220}^{(10)}m_{103}^{(22)} + 2m_{010}^{(10)}m_{220}^{(10)}m_{004}^{(20)} - 2m_{010}^{(10)}m_{220}^{(20)}m_{112}^{(22)} + 4m_{010}^{(10)}m_{220}^{(20)}m_{103}^{(21)}$$
$$-2m_{010}^{(10)}m_{220}^{(20)}m_{004}^{(10)} + 3m_{010}^{(10)}m_{220}^{(21)}m_{202}^{(22)} - 4m_{010}^{(10)}m_{220}^{(21)}m_{103}^{(20)} + m_{010}^{(10)}m_{220}^{(21)}m_{004}^{(00)}$$
$$-3m_{010}^{(10)}m_{220}^{(22)}m_{202}^{(21)} + 2m_{010}^{(10)}m_{220}^{(22)}m_{112}^{(20)} + 2m_{010}^{(10)}m_{220}^{(22)}m_{103}^{(10)} - m_{010}^{(10)}m_{220}^{(22)}m_{013}^{(00)}$$
$$-2m_{010}^{(10)}m_{211}^{(00)}m_{022}^{(22)} + 2m_{010}^{(10)}m_{211}^{(00)}m_{013}^{(21)} + 10m_{010}^{(10)}m_{211}^{(10)}m_{112}^{(22)} - 6m_{010}^{(10)}m_{211}^{(10)}m_{103}^{(21)}$$
$$-4m_{010}^{(10)}m_{211}^{(10)}m_{013}^{(20)} - 3m_{010}^{(10)}m_{211}^{(11)}m_{202}^{(22)} + 3m_{010}^{(10)}m_{211}^{(11)}m_{103}^{(20)} - 5m_{010}^{(10)}m_{211}^{(20)}m_{121}^{(22)}$$
$$+4m_{010}^{(10)}m_{211}^{(20)}m_{112}^{(21)} - 3m_{010}^{(10)}m_{211}^{(20)}m_{103}^{(11)} + 4m_{010}^{(10)}m_{211}^{(20)}m_{013}^{(10)} - 4m_{010}^{(10)}m_{211}^{(21)}m_{112}^{(20)}$$
$$+6m_{010}^{(10)}m_{211}^{(21)}m_{103}^{(10)} - 2m_{010}^{(10)}m_{211}^{(21)}m_{013}^{(00)} + 3m_{010}^{(10)}m_{211}^{(22)}m_{202}^{(11)} + 5m_{010}^{(10)}m_{211}^{(22)}m_{121}^{(20)}$$
$$-10m_{010}^{(10)}m_{211}^{(22)}m_{112}^{(10)} + 2m_{010}^{(10)}m_{211}^{(22)}m_{022}^{(00)} + m_{010}^{(10)}m_{202}^{(00)}m_{031}^{(22)} - m_{010}^{(10)}m_{202}^{(00)}m_{022}^{(21)}$$
$$-2m_{010}^{(10)}m_{202}^{(10)}m_{121}^{(22)} - 6m_{010}^{(10)}m_{202}^{(10)}m_{112}^{(21)} + 6m_{010}^{(10)}m_{202}^{(10)}m_{103}^{(11)} + 2m_{010}^{(10)}m_{202}^{(10)}m_{022}^{(20)}$$
$$+3m_{010}^{(10)}m_{202}^{(11)}m_{112}^{(20)} - 6m_{010}^{(10)}m_{202}^{(11)}m_{103}^{(10)} + m_{010}^{(10)}m_{202}^{(20)}m_{130}^{(22)} + 4m_{010}^{(10)}m_{202}^{(20)}m_{121}^{(21)}$$
$$-3m_{010}^{(10)}m_{202}^{(20)}m_{112}^{(11)} - 2m_{010}^{(10)}m_{202}^{(20)}m_{022}^{(10)} - 4m_{010}^{(10)}m_{202}^{(21)}m_{121}^{(20)} + 6m_{010}^{(10)}m_{202}^{(21)}m_{112}^{(10)}$$
$$+m_{010}^{(10)}m_{202}^{(21)}m_{022}^{(00)} - m_{010}^{(10)}m_{202}^{(22)}m_{130}^{(20)} + 2m_{010}^{(10)}m_{202}^{(22)}m_{121}^{(10)} - m_{010}^{(10)}m_{202}^{(22)}m_{031}^{(00)}$$
$$+m_{010}^{(10)}m_{130}^{(00)}m_{103}^{(22)} - m_{010}^{(10)}m_{130}^{(00)}m_{004}^{(20)} + m_{010}^{(10)}m_{130}^{(20)}m_{004}^{(00)} - m_{010}^{(10)}m_{130}^{(22)}m_{103}^{(00)}$$
$$-3m_{010}^{(10)}m_{121}^{(00)}m_{112}^{(22)} + m_{010}^{(10)}m_{121}^{(00)}m_{013}^{(20)} + 2m_{010}^{(10)}m_{121}^{(00)}m_{004}^{(10)} - 2m_{010}^{(10)}m_{121}^{(10)}m_{004}^{(00)}$$
$$-m_{010}^{(10)}m_{121}^{(20)}m_{013}^{(00)} + 3m_{010}^{(10)}m_{121}^{(22)}m_{112}^{(00)} + m_{010}^{(10)}m_{112}^{(00)}m_{022}^{(20)} - 4m_{010}^{(10)}m_{112}^{(00)}m_{013}^{(10)}$$
$$+4m_{010}^{(10)}m_{112}^{(10)}m_{013}^{(00)} - m_{010}^{(10)}m_{112}^{(20)}m_{022}^{(00)} - m_{010}^{(10)}m_{103}^{(00)}m_{031}^{(20)} + 2m_{010}^{(10)}m_{103}^{(00)}m_{022}^{(10)}$$
$$-2m_{010}^{(10)}m_{103}^{(10)}m_{022}^{(00)} + m_{010}^{(10)}m_{103}^{(20)}m_{031}^{(00)} - m_{010}^{(11)}m_{400}^{(11)}m_{103}^{(22)} + m_{010}^{(11)}m_{400}^{(11)}m_{004}^{(20)}$$
$$-m_{010}^{(11)}m_{400}^{(20)}m_{022}^{(22)} + 2m_{010}^{(11)}m_{400}^{(20)}m_{013}^{(21)} - m_{010}^{(11)}m_{400}^{(20)}m_{004}^{(11)} + 2m_{010}^{(11)}m_{400}^{(21)}m_{112}^{(22)}$$
$$-2m_{010}^{(11)}m_{400}^{(21)}m_{013}^{(20)} - 2m_{010}^{(11)}m_{400}^{(22)}m_{112}^{(21)} + m_{010}^{(11)}m_{400}^{(22)}m_{103}^{(11)} + m_{010}^{(11)}m_{400}^{(22)}m_{022}^{(20)}$$
$$+2m_{010}^{(11)}m_{310}^{(10)}m_{103}^{(22)} - 2m_{010}^{(11)}m_{310}^{(10)}m_{004}^{(20)} - 2m_{010}^{(11)}m_{310}^{(20)}m_{103}^{(21)} + 2m_{010}^{(11)}m_{310}^{(20)}m_{004}^{(10)}$$
$$-2m_{010}^{(11)}m_{310}^{(21)}m_{202}^{(22)} + 2m_{010}^{(11)}m_{310}^{(21)}m_{103}^{(20)} + 2m_{010}^{(11)}m_{310}^{(22)}m_{202}^{(21)} - 2m_{010}^{(11)}m_{310}^{(22)}m_{103}^{(10)}$$
$$+m_{010}^{(11)}m_{301}^{(00)}m_{022}^{(22)} - 2m_{010}^{(11)}m_{301}^{(00)}m_{013}^{(21)} + m_{010}^{(11)}m_{301}^{(00)}m_{004}^{(11)} - 2m_{010}^{(11)}m_{301}^{(10)}m_{112}^{(22)}$$
$$+2m_{010}^{(11)}m_{301}^{(10)}m_{013}^{(20)} + 3m_{010}^{(11)}m_{301}^{(11)}m_{202}^{(22)} - 2m_{010}^{(11)}m_{301}^{(11)}m_{103}^{(20)} - m_{010}^{(11)}m_{301}^{(11)}m_{004}^{(00)}$$
$$+2m_{010}^{(11)}m_{301}^{(20)}m_{121}^{(22)} - 2m_{010}^{(11)}m_{301}^{(20)}m_{112}^{(21)} + 2m_{010}^{(11)}m_{301}^{(20)}m_{103}^{(11)} - 2m_{010}^{(11)}m_{301}^{(20)}m_{013}^{(10)}$$

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\begin{aligned}
&-4m_{010}^{(11)}m_{301}^{(21)}m_{211}^{(22)}+2m_{010}^{(11)}m_{301}^{(21)}m_{112}^{(20)}+2m_{010}^{(11)}m_{301}^{(21)}m_{013}^{(00)}+4m_{010}^{(11)}m_{301}^{(22)}m_{211}^{(21)}\\
&-3m_{010}^{(11)}m_{301}^{(22)}m_{202}^{(11)}-2m_{010}^{(11)}m_{301}^{(22)}m_{121}^{(20)}+2m_{010}^{(11)}m_{301}^{(22)}m_{112}^{(10)}-m_{010}^{(11)}m_{301}^{(22)}m_{022}^{(00)}\\
&-m_{010}^{(11)}m_{220}^{(00)}m_{103}^{(22)}+m_{010}^{(11)}m_{220}^{(00)}m_{004}^{(20)}+m_{010}^{(11)}m_{220}^{(20)}m_{202}^{(22)}-m_{010}^{(11)}m_{220}^{(20)}m_{004}^{(00)}\\
&-m_{010}^{(11)}m_{220}^{(22)}m_{202}^{(20)}+m_{010}^{(11)}m_{220}^{(22)}m_{103}^{(00)}+2m_{010}^{(11)}m_{211}^{(00)}m_{103}^{(21)}-2m_{010}^{(11)}m_{211}^{(00)}m_{004}^{(10)}\\
&-4m_{010}^{(11)}m_{211}^{(10)}m_{202}^{(22)}+2m_{010}^{(11)}m_{211}^{(10)}m_{103}^{(20)}+2m_{010}^{(11)}m_{211}^{(10)}m_{004}^{(00)}+2m_{010}^{(11)}m_{211}^{(20)}m_{202}^{(21)}\\
&-2m_{010}^{(11)}m_{211}^{(20)}m_{103}^{(10)}-2m_{010}^{(11)}m_{211}^{(21)}m_{202}^{(20)}-2m_{010}^{(11)}m_{211}^{(21)}m_{103}^{(00)}+4m_{010}^{(11)}m_{211}^{(22)}m_{202}^{(10)}\\
&-2m_{010}^{(11)}m_{202}^{(00)}m_{121}^{(22)}+4m_{010}^{(11)}m_{202}^{(00)}m_{112}^{(21)}-3m_{010}^{(11)}m_{202}^{(00)}m_{103}^{(11)}-m_{010}^{(11)}m_{202}^{(00)}m_{022}^{(20)}\\
&+2m_{010}^{(11)}m_{202}^{(00)}m_{013}^{(10)}-2m_{010}^{(11)}m_{202}^{(10)}m_{112}^{(20)}-2m_{010}^{(11)}m_{202}^{(10)}m_{013}^{(00)}+3m_{010}^{(11)}m_{202}^{(11)}m_{103}^{(00)}\\
&+2m_{010}^{(11)}m_{202}^{(20)}m_{112}^{(10)}+m_{010}^{(11)}m_{202}^{(20)}m_{022}^{(00)}-4m_{010}^{(11)}m_{202}^{(21)}m_{112}^{(00)}+2m_{010}^{(11)}m_{202}^{(22)}m_{121}^{(00)}\\
&-2m_{010}^{(11)}m_{121}^{(00)}m_{103}^{(20)}+2m_{010}^{(11)}m_{121}^{(20)}m_{103}^{(00)}+4m_{010}^{(11)}m_{112}^{(00)}m_{103}^{(10)}-4m_{010}^{(11)}m_{112}^{(10)}m_{103}^{(00)}\\
&-m_{010}^{(20)}m_{400}^{(11)}m_{022}^{(22)}+m_{010}^{(20)}m_{400}^{(11)}m_{013}^{(21)}+m_{010}^{(20)}m_{400}^{(21)}m_{031}^{(22)}-m_{010}^{(20)}m_{400}^{(21)}m_{013}^{(11)}\\
&-m_{010}^{(20)}m_{400}^{(22)}m_{031}^{(21)}+m_{010}^{(20)}m_{400}^{(22)}m_{022}^{(11)}+m_{010}^{(20)}m_{310}^{(10)}m_{022}^{(22)}-m_{010}^{(20)}m_{310}^{(10)}m_{004}^{(11)}\\
&+2m_{010}^{(20)}m_{310}^{(11)}m_{112}^{(22)}-3m_{010}^{(20)}m_{310}^{(11)}m_{103}^{(21)}+m_{010}^{(20)}m_{310}^{(11)}m_{004}^{(10)}-2m_{010}^{(20)}m_{310}^{(20)}m_{031}^{(22)}\\
&+2m_{010}^{(20)}m_{310}^{(20)}m_{022}^{(21)}-m_{010}^{(20)}m_{310}^{(21)}m_{121}^{(22)}+3m_{010}^{(20)}m_{310}^{(21)}m_{103}^{(11)}-2m_{010}^{(20)}m_{310}^{(21)}m_{022}^{(20)}\\
&+m_{010}^{(20)}m_{310}^{(22)}m_{121}^{(21)}-2m_{010}^{(20)}m_{310}^{(22)}m_{112}^{(11)}+2m_{010}^{(20)}m_{310}^{(22)}m_{031}^{(20)}-m_{010}^{(20)}m_{310}^{(22)}m_{022}^{(10)}\\
&+m_{010}^{(20)}m_{301}^{(10)}m_{031}^{(22)}-4m_{010}^{(20)}m_{301}^{(10)}m_{022}^{(21)}+3m_{010}^{(20)}m_{301}^{(10)}m_{013}^{(11)}+m_{010}^{(20)}m_{301}^{(11)}m_{112}^{(21)}\\
&+2m_{010}^{(20)}m_{301}^{(11)}m_{022}^{(20)}-3m_{010}^{(20)}m_{301}^{(11)}m_{013}^{(10)}+2m_{010}^{(20)}m_{301}^{(20)}m_{031}^{(21)}-2m_{010}^{(20)}m_{301}^{(20)}m_{022}^{(11)}\\
&-m_{010}^{(20)}m_{301}^{(21)}m_{130}^{(22)}-m_{010}^{(20)}m_{301}^{(21)}m_{112}^{(11)}-2m_{010}^{(20)}m_{301}^{(21)}m_{031}^{(20)}+4m_{010}^{(20)}m_{301}^{(21)}m_{022}^{(10)}\\
&+m_{010}^{(20)}m_{301}^{(22)}m_{130}^{(21)}-m_{010}^{(20)}m_{301}^{(22)}m_{031}^{(10)}-m_{010}^{(20)}m_{220}^{(00)}m_{013}^{(21)}+m_{010}^{(20)}m_{220}^{(00)}m_{004}^{(11)}\\
&-2m_{010}^{(20)}m_{220}^{(10)}m_{112}^{(22)}+4m_{010}^{(20)}m_{220}^{(10)}m_{103}^{(21)}-2m_{010}^{(20)}m_{220}^{(10)}m_{013}^{(20)}-m_{010}^{(20)}m_{220}^{(11)}m_{202}^{(22)}\\
&+2m_{010}^{(20)}m_{220}^{(11)}m_{103}^{(20)}-m_{010}^{(20)}m_{220}^{(11)}m_{004}^{(00)}+4m_{010}^{(20)}m_{220}^{(20)}m_{121}^{(22)}-4m_{010}^{(20)}m_{220}^{(20)}m_{112}^{(21)}\\
&-2m_{010}^{(20)}m_{220}^{(20)}m_{103}^{(11)}+2m_{010}^{(20)}m_{220}^{(20)}m_{013}^{(10)}-m_{010}^{(20)}m_{220}^{(21)}m_{211}^{(22)}+4m_{010}^{(20)}m_{220}^{(21)}m_{112}^{(20)}\\
&-4m_{010}^{(20)}m_{220}^{(21)}m_{103}^{(10)}+m_{010}^{(20)}m_{220}^{(21)}m_{013}^{(00)}+m_{010}^{(20)}m_{220}^{(22)}m_{211}^{(21)}+m_{010}^{(20)}m_{220}^{(22)}m_{202}^{(11)}\\
&-4m_{010}^{(20)}m_{220}^{(22)}m_{121}^{(20)}+2m_{010}^{(20)}m_{220}^{(22)}m_{112}^{(10)}+2m_{010}^{(20)}m_{211}^{(00)}m_{022}^{(21)}-2m_{010}^{(20)}m_{211}^{(00)}m_{013}^{(11)}\\
&-3m_{010}^{(20)}m_{211}^{(10)}m_{121}^{(22)}-m_{010}^{(20)}m_{211}^{(10)}m_{103}^{(11)}+4m_{010}^{(20)}m_{211}^{(10)}m_{022}^{(20)}+5m_{010}^{(20)}m_{211}^{(11)}m_{202}^{(21)}\\
&-8m_{010}^{(20)}m_{211}^{(11)}m_{112}^{(20)}+m_{010}^{(20)}m_{211}^{(11)}m_{103}^{(10)}+2m_{010}^{(20)}m_{211}^{(11)}m_{013}^{(00)}+2m_{010}^{(20)}m_{211}^{(20)}m_{130}^{(22)}\\
&-6m_{010}^{(20)}m_{211}^{(20)}m_{121}^{(21)}+8m_{010}^{(20)}m_{211}^{(20)}m_{112}^{(11)}-4m_{010}^{(20)}m_{211}^{(20)}m_{022}^{(10)}-5m_{010}^{(20)}m_{211}^{(21)}m_{202}^{(11)}\\
&+6m_{010}^{(20)}m_{211}^{(21)}m_{121}^{(20)}-2m_{010}^{(20)}m_{211}^{(21)}m_{022}^{(00)}-2m_{010}^{(20)}m_{211}^{(22)}m_{130}^{(20)}+3m_{010}^{(20)}m_{211}^{(22)}m_{121}^{(10)}\\
&-m_{010}^{(20)}m_{202}^{(00)}m_{031}^{(21)}+m_{010}^{(20)}m_{202}^{(00)}m_{022}^{(11)}-m_{010}^{(20)}m_{202}^{(10)}m_{130}^{(22)}+8m_{010}^{(20)}m_{202}^{(10)}m_{121}^{(21)}\\
&-5m_{010}^{(20)}m_{202}^{(10)}m_{112}^{(11)}-2m_{010}^{(20)}m_{202}^{(10)}m_{031}^{(20)}+5m_{010}^{(20)}m_{202}^{(11)}m_{112}^{(10)}-m_{010}^{(20)}m_{202}^{(11)}m_{022}^{(00)}\\
&-2m_{010}^{(20)}m_{202}^{(20)}m_{130}^{(21)}+2m_{010}^{(20)}m_{202}^{(20)}m_{031}^{(10)}+2m_{010}^{(20)}m_{202}^{(21)}m_{130}^{(20)}-8m_{010}^{(20)}m_{202}^{(21)}m_{121}^{(10)}\\
&+m_{010}^{(20)}m_{202}^{(21)}m_{031}^{(00)}+m_{010}^{(20)}m_{202}^{(22)}m_{130}^{(10)}-m_{010}^{(20)}m_{130}^{(00)}m_{103}^{(21)}+2m_{010}^{(20)}m_{130}^{(00)}m_{013}^{(20)}\\
&-m_{010}^{(20)}m_{130}^{(00)}m_{004}^{(10)}-2m_{010}^{(20)}m_{130}^{(10)}m_{103}^{(20)}+m_{010}^{(20)}m_{130}^{(10)}m_{004}^{(00)}+2m_{010}^{(20)}m_{130}^{(20)}m_{103}^{(10)}\\
&-2m_{010}^{(20)}m_{130}^{(20)}m_{013}^{(00)}+m_{010}^{(20)}m_{130}^{(21)}m_{103}^{(00)}+3m_{010}^{(20)}m_{121}^{(00)}m_{112}^{(21)}-4m_{010}^{(20)}m_{121}^{(00)}m_{022}^{(20)}\\
&+m_{010}^{(20)}m_{121}^{(00)}m_{013}^{(10)}+6m_{010}^{(20)}m_{121}^{(10)}m_{112}^{(20)}-m_{010}^{(20)}m_{121}^{(10)}m_{013}^{(00)}-6m_{010}^{(20)}m_{121}^{(20)}m_{112}^{(10)}\\
&+4m_{010}^{(20)}m_{121}^{(20)}m_{022}^{(00)}-3m_{010}^{(20)}m_{121}^{(21)}m_{112}^{(00)}+2m_{010}^{(20)}m_{112}^{(00)}m_{031}^{(20)}+m_{010}^{(20)}m_{112}^{(20)}m_{022}^{(10)}\\
&-m_{010}^{(20)}m_{112}^{(10)}m_{022}^{(00)}-2m_{010}^{(20)}m_{112}^{(20)}m_{031}^{(00)}-m_{010}^{(20)}m_{103}^{(00)}m_{031}^{(10)}+m_{010}^{(20)}m_{103}^{(10)}m_{031}^{(00)}\\
&+m_{010}^{(21)}m_{400}^{(10)}m_{022}^{(22)}-2m_{010}^{(21)}m_{400}^{(10)}m_{013}^{(21)}+m_{010}^{(21)}m_{400}^{(10)}m_{004}^{(11)}+2m_{010}^{(21)}m_{400}^{(11)}m_{103}^{(21)}
\end{aligned}
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\begin{aligned}
&-m_{010}^{(21)}m_{400}^{(11)}m_{013}^{(20)} - m_{010}^{(21)}m_{400}^{(11)}m_{004}^{(10)} + m_{010}^{(21)}m_{400}^{(20)}m_{031}^{(22)} - 2m_{010}^{(21)}m_{400}^{(20)}m_{022}^{(21)}\\
&+m_{010}^{(21)}m_{400}^{(20)}m_{013}^{(11)} - 2m_{010}^{(21)}m_{400}^{(21)}m_{121}^{(22)} - 2m_{010}^{(21)}m_{400}^{(21)}m_{103}^{(11)} + 2m_{010}^{(21)}m_{400}^{(21)}m_{022}^{(20)}\\
&+2m_{010}^{(21)}m_{400}^{(21)}m_{013}^{(10)} + 2m_{010}^{(21)}m_{400}^{(22)}m_{121}^{(21)} - m_{010}^{(21)}m_{400}^{(22)}m_{031}^{(20)} - m_{010}^{(21)}m_{400}^{(22)}m_{022}^{(10)}\\
&-m_{010}^{(21)}m_{310}^{(00)}m_{022}^{(22)} + 2m_{010}^{(21)}m_{310}^{(00)}m_{013}^{(21)} - m_{010}^{(21)}m_{310}^{(00)}m_{004}^{(11)} - 2m_{010}^{(21)}m_{310}^{(10)}m_{112}^{(22)}\\
&-2m_{010}^{(21)}m_{310}^{(10)}m_{103}^{(21)} + 4m_{010}^{(21)}m_{310}^{(10)}m_{013}^{(20)} - m_{010}^{(21)}m_{310}^{(11)}m_{103}^{(20)} + m_{010}^{(21)}m_{310}^{(11)}m_{004}^{(00)}\\
&-m_{010}^{(21)}m_{310}^{(20)}m_{121}^{(22)} + 4m_{010}^{(21)}m_{310}^{(20)}m_{112}^{(21)} + m_{010}^{(21)}m_{310}^{(20)}m_{103}^{(11)} - 4m_{010}^{(21)}m_{310}^{(20)}m_{013}^{(10)}\\
&+4m_{010}^{(21)}m_{310}^{(21)}m_{211}^{(22)} - 4m_{010}^{(21)}m_{310}^{(21)}m_{112}^{(20)} + 2m_{010}^{(21)}m_{310}^{(21)}m_{103}^{(10)} - 2m_{010}^{(21)}m_{310}^{(21)}m_{013}^{(00)}\\
&-4m_{010}^{(21)}m_{310}^{(22)}m_{211}^{(21)} + m_{010}^{(21)}m_{310}^{(22)}m_{121}^{(20)} + 2m_{010}^{(21)}m_{310}^{(22)}m_{112}^{(10)} + m_{010}^{(21)}m_{310}^{(22)}m_{022}^{(00)}\\
&-m_{010}^{(21)}m_{301}^{(00)}m_{031}^{(22)} + 2m_{010}^{(21)}m_{301}^{(00)}m_{022}^{(21)} - m_{010}^{(21)}m_{301}^{(00)}m_{013}^{(11)} + 6m_{010}^{(21)}m_{301}^{(10)}m_{112}^{(21)}\\
&-2m_{010}^{(21)}m_{301}^{(10)}m_{103}^{(11)} - 4m_{010}^{(21)}m_{301}^{(10)}m_{022}^{(20)} - 6m_{010}^{(21)}m_{301}^{(11)}m_{202}^{(21)} + 3m_{010}^{(21)}m_{301}^{(11)}m_{112}^{(20)}\\
&+2m_{010}^{(21)}m_{301}^{(11)}m_{103}^{(10)} + m_{010}^{(21)}m_{301}^{(11)}m_{013}^{(00)} - m_{010}^{(21)}m_{301}^{(20)}m_{130}^{(22)} - 3m_{010}^{(21)}m_{301}^{(20)}m_{112}^{(11)}\\
&+4m_{010}^{(21)}m_{301}^{(20)}m_{022}^{(10)} + 2m_{010}^{(21)}m_{301}^{(21)}m_{220}^{(22)} + 6m_{010}^{(21)}m_{301}^{(21)}m_{202}^{(11)} - 6m_{010}^{(21)}m_{301}^{(21)}m_{112}^{(10)}\\
&-2m_{010}^{(21)}m_{301}^{(21)}m_{022}^{(00)} - 2m_{010}^{(21)}m_{301}^{(22)}m_{220}^{(21)} + m_{010}^{(21)}m_{301}^{(22)}m_{130}^{(20)} + m_{010}^{(21)}m_{301}^{(22)}m_{031}^{(00)}\\
&+2m_{010}^{(21)}m_{220}^{(00)}m_{112}^{(22)} - 3m_{010}^{(21)}m_{220}^{(00)}m_{013}^{(20)} + m_{010}^{(21)}m_{220}^{(00)}m_{004}^{(10)} + m_{010}^{(21)}m_{220}^{(10)}m_{202}^{(22)}\\
&-m_{010}^{(21)}m_{220}^{(10)}m_{004}^{(00)} - m_{010}^{(21)}m_{220}^{(20)}m_{211}^{(22)} - 2m_{010}^{(21)}m_{220}^{(20)}m_{202}^{(21)} + 3m_{010}^{(21)}m_{220}^{(20)}m_{013}^{(00)}\\
&+2m_{010}^{(21)}m_{220}^{(21)}m_{202}^{(20)} + m_{010}^{(21)}m_{220}^{(22)}m_{211}^{(20)} - m_{010}^{(21)}m_{220}^{(22)}m_{202}^{(10)} - 2m_{010}^{(21)}m_{220}^{(22)}m_{112}^{(00)}\\
&+3m_{010}^{(21)}m_{211}^{(00)}m_{121}^{(22)} - 10m_{010}^{(21)}m_{211}^{(00)}m_{112}^{(21)} + 3m_{010}^{(21)}m_{211}^{(00)}m_{103}^{(11)} + 2m_{010}^{(21)}m_{211}^{(00)}m_{022}^{(20)}\\
&+2m_{010}^{(21)}m_{211}^{(00)}m_{013}^{(10)} + 6m_{010}^{(21)}m_{211}^{(10)}m_{202}^{(21)} - 4m_{010}^{(21)}m_{211}^{(10)}m_{112}^{(20)} - 2m_{010}^{(21)}m_{211}^{(10)}m_{013}^{(00)}\\
&+3m_{010}^{(21)}m_{211}^{(11)}m_{202}^{(20)} - 3m_{010}^{(21)}m_{211}^{(11)}m_{103}^{(00)} - 3m_{010}^{(21)}m_{211}^{(20)}m_{202}^{(11)} + 4m_{010}^{(21)}m_{211}^{(20)}m_{112}^{(10)}\\
&-2m_{010}^{(21)}m_{211}^{(20)}m_{022}^{(00)} - 6m_{010}^{(21)}m_{211}^{(21)}m_{202}^{(10)} + 10m_{010}^{(21)}m_{211}^{(21)}m_{112}^{(00)} - 3m_{010}^{(21)}m_{211}^{(22)}m_{121}^{(00)}\\
&+m_{010}^{(21)}m_{202}^{(00)}m_{130}^{(22)} - 2m_{010}^{(21)}m_{202}^{(00)}m_{121}^{(21)} + 3m_{010}^{(21)}m_{202}^{(00)}m_{112}^{(11)} + m_{010}^{(21)}m_{202}^{(00)}m_{031}^{(20)}\\
&-3m_{010}^{(21)}m_{202}^{(00)}m_{022}^{(10)} + 4m_{010}^{(21)}m_{202}^{(10)}m_{121}^{(20)} + 3m_{010}^{(21)}m_{202}^{(10)}m_{022}^{(00)} - 3m_{010}^{(21)}m_{202}^{(11)}m_{112}^{(00)}\\
&-4m_{010}^{(21)}m_{202}^{(20)}m_{121}^{(10)} - m_{010}^{(21)}m_{202}^{(20)}m_{031}^{(00)} + 2m_{010}^{(21)}m_{202}^{(21)}m_{121}^{(00)} - m_{010}^{(21)}m_{202}^{(22)}m_{130}^{(00)}\\
&+m_{010}^{(21)}m_{130}^{(00)}m_{103}^{(20)} - m_{010}^{(21)}m_{130}^{(20)}m_{103}^{(00)} + 5m_{010}^{(21)}m_{121}^{(00)}m_{112}^{(20)} - 4m_{010}^{(21)}m_{121}^{(00)}m_{103}^{(10)}\\
&+4m_{010}^{(21)}m_{121}^{(10)}m_{103}^{(00)} - 5m_{010}^{(21)}m_{121}^{(20)}m_{112}^{(00)} - m_{010}^{(22)}m_{400}^{(10)}m_{031}^{(22)} + 2m_{010}^{(22)}m_{400}^{(10)}m_{022}^{(21)}\\
&-m_{010}^{(22)}m_{400}^{(10)}m_{013}^{(11)} + m_{010}^{(22)}m_{400}^{(11)}m_{121}^{(22)} - 2m_{010}^{(22)}m_{400}^{(11)}m_{112}^{(21)} + m_{010}^{(22)}m_{400}^{(11)}m_{013}^{(10)}\\
&+2m_{010}^{(22)}m_{400}^{(21)}m_{112}^{(11)} - 2m_{010}^{(22)}m_{400}^{(21)}m_{022}^{(10)} - m_{010}^{(22)}m_{400}^{(22)}m_{121}^{(11)} + m_{010}^{(22)}m_{400}^{(22)}m_{031}^{(10)}\\
&+m_{010}^{(22)}m_{310}^{(00)}m_{031}^{(22)} - 2m_{010}^{(22)}m_{310}^{(00)}m_{022}^{(21)} + m_{010}^{(22)}m_{310}^{(00)}m_{013}^{(11)} + m_{010}^{(22)}m_{310}^{(10)}m_{121}^{(22)}\\
&+m_{010}^{(22)}m_{310}^{(10)}m_{103}^{(11)} - 2m_{010}^{(22)}m_{310}^{(10)}m_{022}^{(20)} - 2m_{010}^{(22)}m_{310}^{(11)}m_{211}^{(22)} + 2m_{010}^{(22)}m_{310}^{(11)}m_{202}^{(21)}\\
&+2m_{010}^{(22)}m_{310}^{(11)}m_{112}^{(20)} - m_{010}^{(22)}m_{310}^{(11)}m_{103}^{(10)} - m_{010}^{(22)}m_{310}^{(11)}m_{013}^{(00)} - 2m_{010}^{(22)}m_{310}^{(20)}m_{112}^{(11)}\\
&+2m_{010}^{(22)}m_{310}^{(20)}m_{022}^{(10)} - 2m_{010}^{(22)}m_{310}^{(21)}m_{202}^{(11)} + 2m_{010}^{(22)}m_{310}^{(21)}m_{022}^{(00)} + 2m_{010}^{(22)}m_{310}^{(22)}m_{211}^{(11)}\\
&-m_{010}^{(22)}m_{310}^{(22)}m_{121}^{(10)} - m_{010}^{(22)}m_{310}^{(22)}m_{031}^{(00)} + m_{010}^{(22)}m_{301}^{(10)}m_{130}^{(22)} - 4m_{010}^{(22)}m_{301}^{(10)}m_{121}^{(21)}\\
&+m_{010}^{(22)}m_{301}^{(10)}m_{112}^{(11)} + 2m_{010}^{(22)}m_{301}^{(10)}m_{031}^{(20)} - m_{010}^{(22)}m_{301}^{(11)}m_{220}^{(22)} + 4m_{010}^{(22)}m_{301}^{(11)}m_{211}^{(21)}\\
&-2m_{010}^{(22)}m_{301}^{(11)}m_{121}^{(20)} - m_{010}^{(22)}m_{301}^{(11)}m_{112}^{(10)} + 2m_{010}^{(22)}m_{301}^{(20)}m_{121}^{(11)} - 2m_{010}^{(22)}m_{301}^{(20)}m_{031}^{(10)}\\
&-4m_{010}^{(22)}m_{301}^{(21)}m_{211}^{(11)} + 4m_{010}^{(22)}m_{301}^{(21)}m_{121}^{(10)} + m_{010}^{(22)}m_{301}^{(22)}m_{220}^{(11)} - m_{010}^{(22)}m_{301}^{(22)}m_{130}^{(10)}\\
&-2m_{010}^{(22)}m_{220}^{(00)}m_{121}^{(22)} + 2m_{010}^{(22)}m_{220}^{(00)}m_{112}^{(21)} - m_{010}^{(22)}m_{220}^{(00)}m_{103}^{(11)} + 2m_{010}^{(22)}m_{220}^{(00)}m_{022}^{(20)}\\
&-m_{010}^{(22)}m_{220}^{(00)}m_{013}^{(10)} + m_{010}^{(22)}m_{220}^{(10)}m_{211}^{(22)} - 2m_{010}^{(22)}m_{220}^{(10)}m_{202}^{(21)} + m_{010}^{(22)}m_{220}^{(10)}m_{013}^{(00)}\\
&-2m_{010}^{(22)}m_{220}^{(11)}m_{202}^{(20)} + m_{010}^{(22)}m_{220}^{(11)}m_{103}^{(00)} + 2m_{010}^{(22)}m_{220}^{(20)}m_{202}^{(11)} - 2m_{010}^{(22)}m_{220}^{(20)}m_{022}^{(00)}
\end{aligned}
$$

$$+2m_{010}^{(22)}m_{220}^{(21)}m_{202}^{(10)} - 2m_{010}^{(22)}m_{220}^{(21)}m_{112}^{(00)} - m_{010}^{(22)}m_{220}^{(22)}m_{211}^{(10)} + 2m_{010}^{(22)}m_{220}^{(22)}m_{121}^{(00)}$$
$$-m_{010}^{(22)}m_{211}^{(00)}m_{130}^{(22)} + 4m_{010}^{(22)}m_{211}^{(00)}m_{121}^{(21)} - m_{010}^{(22)}m_{211}^{(00)}m_{112}^{(11)} - 2m_{010}^{(22)}m_{211}^{(00)}m_{031}^{(20)}$$
$$-m_{010}^{(22)}m_{211}^{(10)}m_{202}^{(11)} + 2m_{010}^{(22)}m_{211}^{(10)}m_{121}^{(20)} + m_{010}^{(22)}m_{211}^{(11)}m_{202}^{(10)} + m_{010}^{(22)}m_{211}^{(11)}m_{112}^{(00)}$$
$$-2m_{010}^{(22)}m_{211}^{(20)}m_{121}^{(10)} + 2m_{010}^{(22)}m_{211}^{(20)}m_{031}^{(00)} - 4m_{010}^{(22)}m_{211}^{(21)}m_{121}^{(00)} + m_{010}^{(22)}m_{211}^{(22)}m_{130}^{(00)}$$
$$-m_{010}^{(22)}m_{202}^{(00)}m_{121}^{(11)} + m_{010}^{(22)}m_{202}^{(00)}m_{031}^{(10)} - 2m_{010}^{(22)}m_{202}^{(10)}m_{130}^{(20)} - m_{010}^{(22)}m_{202}^{(10)}m_{031}^{(00)}$$
$$+m_{010}^{(22)}m_{202}^{(11)}m_{121}^{(00)} + 2m_{010}^{(22)}m_{202}^{(20)}m_{130}^{(10)} - 2m_{010}^{(22)}m_{130}^{(00)}m_{112}^{(20)} + m_{010}^{(22)}m_{130}^{(00)}m_{103}^{(10)}$$
$$-m_{010}^{(22)}m_{130}^{(10)}m_{103}^{(00)} + 2m_{010}^{(22)}m_{130}^{(20)}m_{112}^{(00)} + m_{010}^{(22)}m_{121}^{(00)}m_{112}^{(10)} - m_{010}^{(22)}m_{121}^{(10)}m_{112}^{(00)}$$
$$+m_{001}^{(00)}m_{310}^{(11)}m_{022}^{(22)} - m_{001}^{(00)}m_{310}^{(11)}m_{013}^{(21)} - m_{001}^{(00)}m_{310}^{(21)}m_{031}^{(22)} + m_{001}^{(00)}m_{310}^{(21)}m_{013}^{(11)}$$
$$+m_{001}^{(00)}m_{310}^{(22)}m_{031}^{(21)} - m_{001}^{(00)}m_{310}^{(22)}m_{022}^{(11)} - m_{001}^{(00)}m_{301}^{(11)}m_{031}^{(22)} + m_{001}^{(00)}m_{301}^{(11)}m_{022}^{(21)}$$
$$+m_{001}^{(00)}m_{301}^{(21)}m_{040}^{(22)} - m_{001}^{(00)}m_{301}^{(21)}m_{022}^{(11)} - m_{001}^{(00)}m_{301}^{(22)}m_{040}^{(21)} + m_{001}^{(00)}m_{301}^{(22)}m_{031}^{(11)}$$
$$-2m_{001}^{(00)}m_{220}^{(10)}m_{022}^{(22)} + 2m_{001}^{(00)}m_{220}^{(10)}m_{013}^{(21)} - m_{001}^{(00)}m_{220}^{(11)}m_{112}^{(22)} + m_{001}^{(00)}m_{220}^{(11)}m_{103}^{(21)}$$
$$+2m_{001}^{(00)}m_{220}^{(20)}m_{031}^{(22)} - 2m_{001}^{(00)}m_{220}^{(20)}m_{022}^{(21)} + m_{001}^{(00)}m_{220}^{(21)}m_{121}^{(22)} - m_{001}^{(00)}m_{220}^{(21)}m_{103}^{(11)}$$
$$+2m_{001}^{(00)}m_{220}^{(21)}m_{022}^{(20)} - 2m_{001}^{(00)}m_{220}^{(21)}m_{013}^{(10)} - m_{001}^{(00)}m_{220}^{(22)}m_{121}^{(21)} + m_{001}^{(00)}m_{220}^{(22)}m_{112}^{(11)}$$
$$-2m_{001}^{(00)}m_{220}^{(22)}m_{031}^{(20)} + 2m_{001}^{(00)}m_{220}^{(22)}m_{022}^{(10)} + 2m_{001}^{(00)}m_{211}^{(10)}m_{031}^{(22)} - 2m_{001}^{(00)}m_{211}^{(10)}m_{013}^{(11)}$$
$$+m_{001}^{(00)}m_{211}^{(11)}m_{121}^{(22)} - m_{001}^{(00)}m_{211}^{(11)}m_{112}^{(21)} - 2m_{001}^{(00)}m_{211}^{(11)}m_{022}^{(20)} + 2m_{001}^{(00)}m_{211}^{(11)}m_{013}^{(10)}$$
$$-2m_{001}^{(00)}m_{211}^{(20)}m_{040}^{(22)} + 2m_{001}^{(00)}m_{211}^{(20)}m_{022}^{(11)} - m_{001}^{(00)}m_{211}^{(21)}m_{130}^{(22)} + m_{001}^{(00)}m_{211}^{(21)}m_{112}^{(11)}$$
$$+m_{001}^{(00)}m_{211}^{(22)}m_{130}^{(21)} - m_{001}^{(00)}m_{211}^{(22)}m_{121}^{(11)} + 2m_{001}^{(00)}m_{211}^{(22)}m_{040}^{(20)} - 2m_{001}^{(00)}m_{211}^{(22)}m_{031}^{(10)}$$
$$-2m_{001}^{(00)}m_{202}^{(10)}m_{031}^{(21)} + 2m_{001}^{(00)}m_{202}^{(10)}m_{022}^{(11)} + 2m_{001}^{(00)}m_{202}^{(11)}m_{031}^{(20)} - 2m_{001}^{(00)}m_{202}^{(11)}m_{022}^{(10)}$$
$$+2m_{001}^{(00)}m_{202}^{(20)}m_{040}^{(21)} - 2m_{001}^{(00)}m_{202}^{(20)}m_{031}^{(11)} - 2m_{001}^{(00)}m_{202}^{(21)}m_{040}^{(20)} + 2m_{001}^{(00)}m_{202}^{(21)}m_{031}^{(10)}$$
$$+m_{001}^{(00)}m_{130}^{(00)}m_{022}^{(22)} - m_{001}^{(00)}m_{130}^{(00)}m_{013}^{(21)} + 2m_{001}^{(00)}m_{130}^{(10)}m_{112}^{(22)} - 2m_{001}^{(00)}m_{130}^{(10)}m_{103}^{(21)}$$
$$-4m_{001}^{(00)}m_{130}^{(20)}m_{121}^{(22)} + 4m_{001}^{(00)}m_{130}^{(20)}m_{112}^{(21)} - 4m_{001}^{(00)}m_{130}^{(21)}m_{112}^{(20)} + 2m_{001}^{(00)}m_{130}^{(21)}m_{103}^{(10)}$$
$$+m_{001}^{(00)}m_{130}^{(21)}m_{013}^{(00)} + 4m_{001}^{(00)}m_{130}^{(22)}m_{121}^{(20)} - 2m_{001}^{(00)}m_{130}^{(22)}m_{112}^{(10)} - m_{001}^{(00)}m_{130}^{(22)}m_{022}^{(00)}$$
$$-2m_{001}^{(00)}m_{121}^{(00)}m_{031}^{(22)} + m_{001}^{(00)}m_{121}^{(00)}m_{022}^{(21)} + m_{001}^{(00)}m_{121}^{(00)}m_{013}^{(11)} - 2m_{001}^{(00)}m_{121}^{(10)}m_{112}^{(21)}$$
$$+2m_{001}^{(00)}m_{121}^{(10)}m_{103}^{(11)} + 4m_{001}^{(00)}m_{121}^{(11)}m_{112}^{(20)} - 2m_{001}^{(00)}m_{121}^{(11)}m_{103}^{(10)} - m_{001}^{(00)}m_{121}^{(11)}m_{013}^{(00)}$$
$$-4m_{001}^{(00)}m_{121}^{(20)}m_{112}^{(11)} + 2m_{001}^{(00)}m_{121}^{(21)}m_{112}^{(10)} - m_{001}^{(00)}m_{121}^{(21)}m_{022}^{(00)} + 2m_{001}^{(00)}m_{121}^{(22)}m_{031}^{(00)}$$
$$+m_{001}^{(00)}m_{112}^{(00)}m_{040}^{(22)} + m_{001}^{(00)}m_{112}^{(00)}m_{031}^{(21)} - 2m_{001}^{(00)}m_{112}^{(00)}m_{022}^{(11)} + 2m_{001}^{(00)}m_{112}^{(11)}m_{022}^{(00)}$$
$$-m_{001}^{(00)}m_{112}^{(21)}m_{031}^{(00)} - m_{001}^{(00)}m_{112}^{(22)}m_{040}^{(00)} - m_{001}^{(00)}m_{103}^{(00)}m_{040}^{(21)} + m_{001}^{(00)}m_{103}^{(00)}m_{031}^{(11)}$$
$$-m_{001}^{(00)}m_{103}^{(11)}m_{031}^{(00)} + m_{001}^{(00)}m_{103}^{(21)}m_{040}^{(00)} - m_{001}^{(10)}m_{400}^{(11)}m_{022}^{(22)} + m_{001}^{(10)}m_{400}^{(11)}m_{013}^{(21)}$$
$$+m_{001}^{(10)}m_{400}^{(21)}m_{031}^{(22)} - m_{001}^{(10)}m_{400}^{(21)}m_{013}^{(11)} - m_{001}^{(10)}m_{400}^{(22)}m_{031}^{(21)} + m_{001}^{(10)}m_{400}^{(22)}m_{022}^{(11)}$$
$$+2m_{001}^{(10)}m_{310}^{(10)}m_{022}^{(22)} - 2m_{001}^{(10)}m_{310}^{(10)}m_{013}^{(21)} - m_{001}^{(10)}m_{310}^{(11)}m_{103}^{(21)} + m_{001}^{(10)}m_{310}^{(11)}m_{013}^{(20)}$$
$$-3m_{001}^{(10)}m_{310}^{(20)}m_{031}^{(22)} + 4m_{001}^{(10)}m_{310}^{(20)}m_{022}^{(21)} - m_{001}^{(10)}m_{310}^{(20)}m_{013}^{(11)} + m_{001}^{(10)}m_{310}^{(21)}m_{031}^{(22)}$$
$$+m_{001}^{(10)}m_{310}^{(21)}m_{103}^{(11)} - 4m_{001}^{(10)}m_{310}^{(21)}m_{022}^{(20)} + 2m_{001}^{(10)}m_{310}^{(21)}m_{013}^{(10)} - m_{001}^{(10)}m_{310}^{(22)}m_{121}^{(21)}$$
$$+3m_{001}^{(10)}m_{310}^{(22)}m_{031}^{(20)} - 2m_{001}^{(10)}m_{310}^{(22)}m_{022}^{(10)} - 2m_{001}^{(10)}m_{301}^{(10)}m_{022}^{(21)} + 2m_{001}^{(10)}m_{301}^{(10)}m_{013}^{(11)}$$
$$+2m_{001}^{(10)}m_{301}^{(11)}m_{121}^{(22)} - m_{001}^{(10)}m_{301}^{(11)}m_{112}^{(21)} + m_{001}^{(10)}m_{301}^{(11)}m_{022}^{(20)} - 2m_{001}^{(10)}m_{301}^{(11)}m_{013}^{(10)}$$
$$+m_{001}^{(10)}m_{301}^{(20)}m_{040}^{(22)} - m_{001}^{(10)}m_{301}^{(20)}m_{022}^{(11)} - 3m_{001}^{(10)}m_{301}^{(21)}m_{130}^{(22)} + m_{001}^{(10)}m_{301}^{(21)}m_{112}^{(11)}$$
$$+2m_{001}^{(10)}m_{301}^{(21)}m_{022}^{(10)} + 3m_{001}^{(10)}m_{301}^{(22)}m_{130}^{(21)} - 2m_{001}^{(10)}m_{301}^{(22)}m_{121}^{(11)} - m_{001}^{(10)}m_{301}^{(22)}m_{040}^{(20)}$$
$$-m_{001}^{(10)}m_{220}^{(00)}m_{022}^{(22)} + m_{001}^{(10)}m_{220}^{(00)}m_{013}^{(21)} + 2m_{001}^{(10)}m_{220}^{(10)}m_{103}^{(21)} - 2m_{001}^{(10)}m_{220}^{(10)}m_{013}^{(20)}$$
$$+m_{001}^{(10)}m_{220}^{(11)}m_{202}^{(22)} - m_{001}^{(10)}m_{220}^{(11)}m_{103}^{(20)} + 5m_{001}^{(10)}m_{220}^{(20)}m_{121}^{(22)} - 8m_{001}^{(10)}m_{220}^{(20)}m_{112}^{(21)}$$

$$+m_{001}^{(10)}m_{220}^{(20)}m_{103}^{(11)}+2m_{001}^{(10)}m_{220}^{(20)}m_{013}^{(10)}-5m_{001}^{(10)}m_{220}^{(21)}m_{211}^{(22)}+8m_{001}^{(10)}m_{220}^{(21)}m_{112}^{(20)}$$
$$-2m_{001}^{(10)}m_{220}^{(21)}m_{103}^{(10)}-m_{001}^{(10)}m_{220}^{(21)}m_{013}^{(00)}+5m_{001}^{(10)}m_{220}^{(22)}m_{211}^{(21)}-m_{001}^{(10)}m_{220}^{(22)}m_{202}^{(11)}$$
$$-5m_{001}^{(10)}m_{220}^{(22)}m_{121}^{(20)}+m_{001}^{(10)}m_{220}^{(22)}m_{022}^{(00)}+2m_{001}^{(10)}m_{211}^{(00)}m_{031}^{(22)}-2m_{001}^{(10)}m_{211}^{(00)}m_{022}^{(21)}$$
$$-8m_{001}^{(10)}m_{211}^{(10)}m_{121}^{(22)}+6m_{001}^{(10)}m_{211}^{(10)}m_{112}^{(21)}-2m_{001}^{(10)}m_{211}^{(10)}m_{103}^{(11)}+4m_{001}^{(10)}m_{211}^{(10)}m_{022}^{(20)}$$
$$+m_{001}^{(10)}m_{211}^{(11)}m_{202}^{(21)}-3m_{001}^{(10)}m_{211}^{(11)}m_{112}^{(20)}+2m_{001}^{(10)}m_{211}^{(11)}m_{103}^{(10)}+m_{001}^{(10)}m_{211}^{(20)}m_{130}^{(22)}$$
$$+3m_{001}^{(10)}m_{211}^{(20)}m_{112}^{(11)}-4m_{001}^{(10)}m_{211}^{(20)}m_{022}^{(10)}-m_{001}^{(10)}m_{211}^{(21)}m_{202}^{(11)}-6m_{001}^{(10)}m_{211}^{(21)}m_{112}^{(10)}$$
$$+2m_{001}^{(10)}m_{211}^{(21)}m_{022}^{(00)}-m_{001}^{(10)}m_{211}^{(22)}m_{130}^{(20)}+8m_{001}^{(10)}m_{211}^{(22)}m_{121}^{(10)}-2m_{001}^{(10)}m_{211}^{(22)}m_{031}^{(00)}$$
$$-m_{001}^{(10)}m_{202}^{(00)}m_{040}^{(22)}+m_{001}^{(10)}m_{202}^{(00)}m_{031}^{(21)}+2m_{001}^{(10)}m_{202}^{(10)}m_{130}^{(22)}+4m_{001}^{(10)}m_{202}^{(10)}m_{121}^{(21)}$$
$$-4m_{001}^{(10)}m_{202}^{(10)}m_{112}^{(11)}-2m_{001}^{(10)}m_{202}^{(10)}m_{031}^{(20)}-2m_{001}^{(10)}m_{202}^{(11)}m_{121}^{(20)}+4m_{001}^{(10)}m_{202}^{(11)}m_{112}^{(10)}$$
$$-4m_{001}^{(10)}m_{202}^{(20)}m_{130}^{(21)}+2m_{001}^{(10)}m_{202}^{(20)}m_{121}^{(11)}+2m_{001}^{(10)}m_{202}^{(20)}m_{031}^{(10)}+4m_{001}^{(10)}m_{202}^{(21)}m_{130}^{(20)}$$
$$-4m_{001}^{(10)}m_{202}^{(21)}m_{121}^{(10)}-m_{001}^{(10)}m_{202}^{(21)}m_{031}^{(00)}-2m_{001}^{(10)}m_{202}^{(22)}m_{130}^{(10)}+m_{001}^{(10)}m_{202}^{(22)}m_{040}^{(00)}$$
$$-m_{001}^{(10)}m_{130}^{(00)}m_{103}^{(21)}+m_{001}^{(10)}m_{130}^{(00)}m_{013}^{(20)}+2m_{001}^{(10)}m_{130}^{(10)}m_{103}^{(20)}-2m_{001}^{(10)}m_{130}^{(20)}m_{103}^{(10)}$$
$$-m_{001}^{(10)}m_{130}^{(20)}m_{013}^{(00)}+m_{001}^{(10)}m_{130}^{(21)}m_{103}^{(00)}+3m_{001}^{(10)}m_{121}^{(00)}m_{112}^{(21)}-m_{001}^{(10)}m_{121}^{(00)}m_{022}^{(20)}$$
$$-2m_{001}^{(10)}m_{121}^{(00)}m_{013}^{(10)}-6m_{001}^{(10)}m_{121}^{(10)}m_{112}^{(20)}+2m_{001}^{(10)}m_{121}^{(10)}m_{013}^{(00)}+6m_{001}^{(10)}m_{121}^{(20)}m_{112}^{(10)}$$
$$+m_{001}^{(10)}m_{121}^{(20)}m_{022}^{(00)}-3m_{001}^{(10)}m_{121}^{(21)}m_{112}^{(00)}-m_{001}^{(10)}m_{112}^{(00)}m_{031}^{(20)}+4m_{001}^{(10)}m_{112}^{(00)}m_{022}^{(10)}$$
$$-4m_{001}^{(10)}m_{112}^{(10)}m_{022}^{(00)}+m_{001}^{(10)}m_{112}^{(20)}m_{031}^{(00)}+m_{001}^{(10)}m_{103}^{(00)}m_{040}^{(20)}-2m_{001}^{(10)}m_{103}^{(00)}m_{031}^{(10)}$$
$$+2m_{001}^{(10)}m_{103}^{(10)}m_{031}^{(00)}-m_{001}^{(10)}m_{103}^{(20)}m_{040}^{(00)}+m_{001}^{(11)}m_{400}^{(11)}m_{112}^{(22)}-m_{001}^{(11)}m_{400}^{(11)}m_{013}^{(20)}$$
$$+m_{001}^{(11)}m_{400}^{(20)}m_{031}^{(22)}-2m_{001}^{(11)}m_{400}^{(20)}m_{022}^{(21)}+m_{001}^{(11)}m_{400}^{(20)}m_{013}^{(11)}-2m_{001}^{(11)}m_{400}^{(21)}m_{121}^{(22)}$$
$$+2m_{001}^{(11)}m_{400}^{(21)}m_{022}^{(20)}+2m_{001}^{(11)}m_{400}^{(22)}m_{121}^{(21)}-m_{001}^{(11)}m_{400}^{(22)}m_{112}^{(11)}-m_{001}^{(11)}m_{400}^{(22)}m_{031}^{(20)}$$
$$-2m_{001}^{(11)}m_{310}^{(10)}m_{112}^{(22)}+2m_{001}^{(11)}m_{310}^{(10)}m_{013}^{(20)}-m_{001}^{(11)}m_{310}^{(11)}m_{202}^{(22)}+m_{001}^{(11)}m_{310}^{(11)}m_{103}^{(20)}$$
$$-m_{001}^{(11)}m_{310}^{(20)}m_{121}^{(22)}+4m_{001}^{(11)}m_{310}^{(20)}m_{112}^{(21)}-m_{001}^{(11)}m_{310}^{(20)}m_{103}^{(11)}-2m_{001}^{(11)}m_{310}^{(20)}m_{013}^{(10)}$$
$$+4m_{001}^{(11)}m_{310}^{(21)}m_{211}^{(22)}-4m_{001}^{(11)}m_{310}^{(21)}m_{112}^{(20)}-4m_{001}^{(11)}m_{310}^{(22)}m_{211}^{(21)}+m_{001}^{(11)}m_{310}^{(22)}m_{202}^{(11)}$$
$$+m_{001}^{(11)}m_{310}^{(22)}m_{121}^{(20)}+2m_{001}^{(11)}m_{310}^{(22)}m_{112}^{(10)}-m_{001}^{(11)}m_{301}^{(00)}m_{031}^{(22)}+2m_{001}^{(11)}m_{301}^{(00)}m_{022}^{(21)}$$
$$-m_{001}^{(11)}m_{301}^{(00)}m_{013}^{(11)}+2m_{001}^{(11)}m_{301}^{(10)}m_{121}^{(22)}-2m_{001}^{(11)}m_{301}^{(10)}m_{022}^{(20)}-2m_{001}^{(11)}m_{301}^{(11)}m_{211}^{(22)}$$
$$+m_{001}^{(11)}m_{301}^{(11)}m_{112}^{(20)}+m_{001}^{(11)}m_{301}^{(11)}m_{013}^{(00)}-m_{001}^{(11)}m_{301}^{(20)}m_{130}^{(22)}-m_{001}^{(11)}m_{301}^{(20)}m_{112}^{(11)}$$
$$+2m_{001}^{(11)}m_{301}^{(20)}m_{022}^{(10)}+2m_{001}^{(11)}m_{301}^{(21)}m_{220}^{(22)}-2m_{001}^{(11)}m_{301}^{(21)}m_{022}^{(00)}-2m_{001}^{(11)}m_{301}^{(22)}m_{220}^{(21)}$$
$$+2m_{001}^{(11)}m_{301}^{(22)}m_{211}^{(11)}+m_{001}^{(11)}m_{301}^{(22)}m_{130}^{(20)}-2m_{001}^{(11)}m_{301}^{(22)}m_{121}^{(10)}+m_{001}^{(11)}m_{301}^{(22)}m_{031}^{(00)}$$
$$+m_{001}^{(11)}m_{220}^{(00)}m_{112}^{(22)}-m_{001}^{(11)}m_{220}^{(00)}m_{013}^{(20)}+2m_{001}^{(11)}m_{220}^{(10)}m_{202}^{(22)}-2m_{001}^{(11)}m_{220}^{(10)}m_{103}^{(20)}$$
$$-m_{001}^{(11)}m_{220}^{(20)}m_{211}^{(22)}-2m_{001}^{(11)}m_{220}^{(20)}m_{202}^{(21)}+2m_{001}^{(11)}m_{220}^{(20)}m_{103}^{(10)}+m_{001}^{(11)}m_{220}^{(20)}m_{013}^{(00)}$$
$$+2m_{001}^{(11)}m_{220}^{(21)}m_{202}^{(20)}+m_{001}^{(11)}m_{220}^{(22)}m_{211}^{(20)}-2m_{001}^{(11)}m_{220}^{(22)}m_{202}^{(10)}-m_{001}^{(11)}m_{220}^{(22)}m_{112}^{(00)}$$
$$+m_{001}^{(11)}m_{211}^{(00)}m_{121}^{(22)}-4m_{001}^{(11)}m_{211}^{(00)}m_{112}^{(21)}+m_{001}^{(11)}m_{211}^{(00)}m_{103}^{(11)}+2m_{001}^{(11)}m_{211}^{(00)}m_{013}^{(10)}$$
$$+2m_{001}^{(11)}m_{211}^{(10)}m_{112}^{(20)}-2m_{001}^{(11)}m_{211}^{(10)}m_{013}^{(00)}-m_{001}^{(11)}m_{211}^{(11)}m_{202}^{(20)}-m_{001}^{(11)}m_{211}^{(11)}m_{103}^{(00)}$$
$$+m_{001}^{(11)}m_{211}^{(20)}m_{202}^{(11)}-2m_{001}^{(11)}m_{211}^{(20)}m_{112}^{(10)}+4m_{001}^{(11)}m_{211}^{(21)}m_{112}^{(00)}-m_{001}^{(11)}m_{211}^{(22)}m_{121}^{(00)}$$
$$+m_{001}^{(11)}m_{202}^{(00)}m_{130}^{(22)}-2m_{001}^{(11)}m_{202}^{(00)}m_{121}^{(21)}+2m_{001}^{(11)}m_{202}^{(00)}m_{112}^{(11)}+m_{001}^{(11)}m_{202}^{(00)}m_{031}^{(20)}$$
$$-2m_{001}^{(11)}m_{202}^{(00)}m_{022}^{(10)}+2m_{001}^{(11)}m_{202}^{(10)}m_{022}^{(00)}-2m_{001}^{(11)}m_{202}^{(11)}m_{112}^{(00)}-m_{001}^{(11)}m_{202}^{(20)}m_{031}^{(00)}$$
$$+2m_{001}^{(11)}m_{202}^{(21)}m_{121}^{(00)}-m_{001}^{(11)}m_{202}^{(22)}m_{130}^{(00)}+m_{001}^{(11)}m_{130}^{(00)}m_{103}^{(20)}-m_{001}^{(11)}m_{130}^{(20)}m_{103}^{(00)}$$
$$+m_{001}^{(11)}m_{121}^{(00)}m_{112}^{(20)}-2m_{001}^{(11)}m_{121}^{(00)}m_{103}^{(10)}+2m_{001}^{(11)}m_{121}^{(10)}m_{103}^{(00)}-m_{001}^{(11)}m_{121}^{(20)}m_{112}^{(00)}$$
$$+m_{001}^{(20)}m_{400}^{(11)}m_{031}^{(22)}-m_{001}^{(20)}m_{400}^{(11)}m_{022}^{(21)}-m_{001}^{(20)}m_{400}^{(21)}m_{040}^{(22)}+m_{001}^{(20)}m_{400}^{(21)}m_{022}^{(11)}$$

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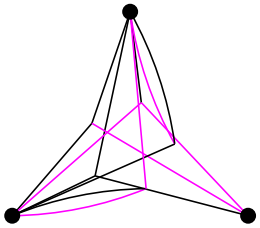
\begin{aligned}
&+m_{001}^{(20)}m_{400}^{(22)}m_{040}^{(21)} - m_{001}^{(20)}m_{400}^{(22)}m_{031}^{(11)} - m_{001}^{(20)}m_{310}^{(10)}m_{031}^{(22)} + m_{001}^{(20)}m_{310}^{(10)}m_{013}^{(11)}\\
&-3m_{001}^{(20)}m_{310}^{(11)}m_{121}^{(22)} + 4m_{001}^{(20)}m_{310}^{(11)}m_{112}^{(21)} - m_{001}^{(20)}m_{310}^{(11)}m_{013}^{(10)} + 2m_{001}^{(20)}m_{310}^{(20)}m_{040}^{(22)}\\
&-2m_{001}^{(20)}m_{310}^{(20)}m_{031}^{(21)} + 2m_{001}^{(20)}m_{310}^{(21)}m_{130}^{(22)} - 4m_{001}^{(20)}m_{310}^{(21)}m_{112}^{(11)} + 2m_{001}^{(20)}m_{310}^{(21)}m_{031}^{(20)}\\
&-2m_{001}^{(20)}m_{310}^{(22)}m_{130}^{(21)} + 3m_{001}^{(20)}m_{310}^{(22)}m_{121}^{(11)} - 2m_{001}^{(20)}m_{310}^{(22)}m_{040}^{(20)} + m_{001}^{(20)}m_{310}^{(22)}m_{031}^{(10)}\\
&-m_{001}^{(20)}m_{301}^{(10)}m_{040}^{(22)} + 4m_{001}^{(20)}m_{301}^{(10)}m_{031}^{(21)} - 3m_{001}^{(20)}m_{301}^{(10)}m_{022}^{(11)} + m_{001}^{(20)}m_{301}^{(11)}m_{130}^{(22)}\\
&-2m_{001}^{(20)}m_{301}^{(11)}m_{121}^{(21)} - 2m_{001}^{(20)}m_{301}^{(11)}m_{031}^{(20)} + 3m_{001}^{(20)}m_{301}^{(11)}m_{022}^{(10)} - 2m_{001}^{(20)}m_{301}^{(20)}m_{040}^{(21)}\\
&+2m_{001}^{(20)}m_{301}^{(20)}m_{031}^{(11)} + 2m_{001}^{(20)}m_{301}^{(21)}m_{121}^{(11)} + 2m_{001}^{(20)}m_{301}^{(21)}m_{040}^{(20)} - 4m_{001}^{(20)}m_{301}^{(21)}m_{031}^{(10)}\\
&-m_{001}^{(20)}m_{301}^{(22)}m_{130}^{(11)} + m_{001}^{(20)}m_{301}^{(22)}m_{040}^{(10)} + m_{001}^{(20)}m_{220}^{(00)}m_{022}^{(21)} - m_{001}^{(20)}m_{220}^{(00)}m_{013}^{(11)}\\
&+3m_{001}^{(20)}m_{220}^{(10)}m_{121}^{(22)} - 4m_{001}^{(20)}m_{220}^{(10)}m_{112}^{(21)} - m_{001}^{(20)}m_{220}^{(10)}m_{103}^{(11)} + 2m_{001}^{(20)}m_{220}^{(10)}m_{022}^{(20)}\\
&+3m_{001}^{(20)}m_{220}^{(11)}m_{211}^{(22)} - 3m_{001}^{(20)}m_{220}^{(11)}m_{202}^{(21)} - 2m_{001}^{(20)}m_{220}^{(11)}m_{112}^{(20)} + m_{001}^{(20)}m_{220}^{(11)}m_{103}^{(10)}\\
&+m_{001}^{(20)}m_{220}^{(11)}m_{013}^{(00)} - 6m_{001}^{(20)}m_{220}^{(20)}m_{130}^{(22)} + 6m_{001}^{(20)}m_{220}^{(20)}m_{121}^{(21)} + 2m_{001}^{(20)}m_{220}^{(20)}m_{112}^{(11)}\\
&-2m_{001}^{(20)}m_{220}^{(20)}m_{022}^{(10)} + 3m_{001}^{(20)}m_{220}^{(21)}m_{202}^{(11)} - 6m_{001}^{(20)}m_{220}^{(21)}m_{121}^{(20)} + 4m_{001}^{(20)}m_{220}^{(21)}m_{112}^{(10)}\\
&-m_{001}^{(20)}m_{220}^{(21)}m_{022}^{(00)} - 3m_{001}^{(20)}m_{220}^{(22)}m_{211}^{(11)} + 6m_{001}^{(20)}m_{220}^{(22)}m_{130}^{(20)} - 3m_{001}^{(20)}m_{220}^{(22)}m_{121}^{(10)}\\
&-2m_{001}^{(20)}m_{211}^{(00)}m_{031}^{(21)} + 2m_{001}^{(20)}m_{211}^{(00)}m_{022}^{(11)} + 3m_{001}^{(20)}m_{211}^{(10)}m_{130}^{(22)} - 4m_{001}^{(20)}m_{211}^{(10)}m_{121}^{(21)}\\
&+5m_{001}^{(20)}m_{211}^{(10)}m_{112}^{(11)} - 4m_{001}^{(20)}m_{211}^{(10)}m_{031}^{(20)} + 10m_{001}^{(20)}m_{211}^{(11)}m_{121}^{(20)} - 5m_{001}^{(20)}m_{211}^{(11)}m_{112}^{(10)}\\
&-2m_{001}^{(20)}m_{211}^{(11)}m_{022}^{(00)} + 6m_{001}^{(20)}m_{211}^{(20)}m_{130}^{(21)} - 10m_{001}^{(20)}m_{211}^{(20)}m_{121}^{(11)} + 4m_{001}^{(20)}m_{211}^{(20)}m_{031}^{(10)}\\
&-6m_{001}^{(20)}m_{211}^{(21)}m_{130}^{(20)} + 4m_{001}^{(20)}m_{211}^{(21)}m_{121}^{(10)} + 2m_{001}^{(20)}m_{211}^{(21)}m_{031}^{(00)} - 3m_{001}^{(20)}m_{211}^{(22)}m_{130}^{(10)}\\
&+m_{001}^{(20)}m_{202}^{(00)}m_{040}^{(21)} - m_{001}^{(20)}m_{202}^{(00)}m_{031}^{(11)} - 4m_{001}^{(20)}m_{202}^{(10)}m_{130}^{(21)} + 2m_{001}^{(20)}m_{202}^{(10)}m_{121}^{(11)}\\
&+2m_{001}^{(20)}m_{202}^{(10)}m_{040}^{(20)} - 2m_{001}^{(20)}m_{202}^{(11)}m_{130}^{(20)} - 2m_{001}^{(20)}m_{202}^{(11)}m_{121}^{(10)} + m_{001}^{(20)}m_{202}^{(11)}m_{031}^{(00)}\\
&+2m_{001}^{(20)}m_{202}^{(20)}m_{130}^{(11)} - 2m_{001}^{(20)}m_{202}^{(20)}m_{040}^{(10)} + 4m_{001}^{(20)}m_{202}^{(21)}m_{130}^{(10)} - m_{001}^{(20)}m_{202}^{(21)}m_{040}^{(00)}\\
&+m_{001}^{(20)}m_{130}^{(00)}m_{103}^{(11)} - 2m_{001}^{(20)}m_{130}^{(00)}m_{022}^{(20)} + m_{001}^{(20)}m_{130}^{(00)}m_{013}^{(10)} - m_{001}^{(20)}m_{130}^{(10)}m_{013}^{(00)}\\
&-m_{001}^{(20)}m_{130}^{(11)}m_{103}^{(00)} + 2m_{001}^{(20)}m_{130}^{(20)}m_{022}^{(00)} - 3m_{001}^{(20)}m_{121}^{(00)}m_{112}^{(11)} + 4m_{001}^{(20)}m_{121}^{(00)}m_{031}^{(20)}\\
&-m_{001}^{(20)}m_{121}^{(00)}m_{022}^{(10)} + m_{001}^{(20)}m_{121}^{(10)}m_{022}^{(00)} + 3m_{001}^{(20)}m_{121}^{(11)}m_{112}^{(00)} - 4m_{001}^{(20)}m_{121}^{(20)}m_{031}^{(00)}\\
&-2m_{001}^{(20)}m_{112}^{(00)}m_{040}^{(20)} - m_{001}^{(20)}m_{112}^{(00)}m_{031}^{(10)} + m_{001}^{(20)}m_{112}^{(10)}m_{031}^{(00)} + 2m_{001}^{(20)}m_{112}^{(20)}m_{040}^{(00)}\\
&+m_{001}^{(20)}m_{103}^{(00)}m_{040}^{(10)} - m_{001}^{(20)}m_{103}^{(10)}m_{040}^{(00)} - m_{001}^{(21)}m_{400}^{(10)}m_{031}^{(22)} + 2m_{001}^{(21)}m_{400}^{(10)}m_{022}^{(21)}\\
&-m_{001}^{(21)}m_{400}^{(10)}m_{013}^{(11)} - 2m_{001}^{(21)}m_{400}^{(11)}m_{112}^{(21)} + m_{001}^{(21)}m_{400}^{(11)}m_{022}^{(20)} + m_{001}^{(21)}m_{400}^{(11)}m_{013}^{(10)}\\
&-m_{001}^{(21)}m_{400}^{(20)}m_{040}^{(22)} + 2m_{001}^{(21)}m_{400}^{(20)}m_{031}^{(21)} - m_{001}^{(21)}m_{400}^{(20)}m_{022}^{(11)} + 2m_{001}^{(21)}m_{400}^{(21)}m_{130}^{(22)}\\
&+2m_{001}^{(21)}m_{400}^{(21)}m_{112}^{(11)} - 2m_{001}^{(21)}m_{400}^{(21)}m_{031}^{(20)} - 2m_{001}^{(21)}m_{400}^{(21)}m_{022}^{(10)} - 2m_{001}^{(21)}m_{400}^{(22)}m_{130}^{(21)}\\
&+m_{001}^{(21)}m_{400}^{(22)}m_{040}^{(20)} + m_{001}^{(21)}m_{400}^{(22)}m_{031}^{(10)} + m_{001}^{(21)}m_{310}^{(00)}m_{031}^{(22)} - 2m_{001}^{(21)}m_{310}^{(00)}m_{022}^{(21)}\\
&+m_{001}^{(21)}m_{310}^{(00)}m_{013}^{(11)} + 3m_{001}^{(21)}m_{310}^{(10)}m_{121}^{(22)} + m_{001}^{(21)}m_{310}^{(10)}m_{103}^{(11)} - 4m_{001}^{(21)}m_{310}^{(10)}m_{022}^{(20)}\\
&+2m_{001}^{(21)}m_{310}^{(11)}m_{202}^{(21)} - m_{001}^{(21)}m_{310}^{(11)}m_{103}^{(10)} - m_{001}^{(21)}m_{310}^{(11)}m_{013}^{(00)} + 2m_{001}^{(21)}m_{310}^{(20)}m_{130}^{(22)}\\
&-6m_{001}^{(21)}m_{310}^{(20)}m_{121}^{(21)} + 4m_{001}^{(21)}m_{310}^{(20)}m_{022}^{(10)} - 6m_{001}^{(21)}m_{310}^{(21)}m_{220}^{(22)} - 2m_{001}^{(21)}m_{310}^{(21)}m_{202}^{(11)}\\
&+6m_{001}^{(21)}m_{310}^{(21)}m_{121}^{(20)} + 2m_{001}^{(21)}m_{310}^{(21)}m_{022}^{(00)} + 6m_{001}^{(21)}m_{310}^{(22)}m_{220}^{(21)} - 2m_{001}^{(21)}m_{310}^{(22)}m_{130}^{(20)}\\
&-3m_{001}^{(21)}m_{310}^{(22)}m_{121}^{(10)} - m_{001}^{(21)}m_{310}^{(22)}m_{031}^{(00)} + m_{001}^{(21)}m_{301}^{(00)}m_{040}^{(22)} - 2m_{001}^{(21)}m_{301}^{(00)}m_{031}^{(21)}\\
&+m_{001}^{(21)}m_{301}^{(00)}m_{022}^{(11)} - m_{001}^{(21)}m_{301}^{(10)}m_{130}^{(22)} - 4m_{001}^{(21)}m_{301}^{(10)}m_{121}^{(21)} + m_{001}^{(21)}m_{301}^{(10)}m_{112}^{(11)}\\
&+4m_{001}^{(21)}m_{301}^{(10)}m_{031}^{(20)} + 4m_{001}^{(21)}m_{301}^{(11)}m_{211}^{(21)} - 2m_{001}^{(21)}m_{301}^{(11)}m_{121}^{(20)} - m_{001}^{(21)}m_{301}^{(11)}m_{112}^{(10)}\\
&-m_{001}^{(21)}m_{301}^{(11)}m_{022}^{(00)} + 2m_{001}^{(21)}m_{301}^{(20)}m_{130}^{(21)} + 2m_{001}^{(21)}m_{301}^{(20)}m_{121}^{(11)} - 4m_{001}^{(21)}m_{301}^{(20)}m_{031}^{(10)}\\
&-4m_{001}^{(21)}m_{301}^{(21)}m_{211}^{(11)} - 2m_{001}^{(21)}m_{301}^{(21)}m_{130}^{(20)} + 4m_{001}^{(21)}m_{301}^{(21)}m_{121}^{(10)} + 2m_{001}^{(21)}m_{301}^{(21)}m_{031}^{(00)}
\end{aligned}
$$

$$
\begin{aligned}
&+m_{001}^{(21)}m_{301}^{(22)}m_{130}^{(10)} - m_{001}^{(21)}m_{301}^{(22)}m_{040}^{(00)} - 3m_{001}^{(21)}m_{220}^{(00)}m_{121}^{(22)} + 2m_{001}^{(21)}m_{220}^{(00)}m_{112}^{(21)}\\
&-m_{001}^{(21)}m_{220}^{(00)}m_{103}^{(11)} + 3m_{001}^{(21)}m_{220}^{(00)}m_{022}^{(20)} - m_{001}^{(21)}m_{220}^{(00)}m_{013}^{(10)} - 3m_{001}^{(21)}m_{220}^{(10)}m_{211}^{(22)}\\
&-2m_{001}^{(21)}m_{220}^{(10)}m_{202}^{(21)} + 4m_{001}^{(21)}m_{220}^{(10)}m_{112}^{(20)} + m_{001}^{(21)}m_{220}^{(10)}m_{013}^{(00)} - m_{001}^{(21)}m_{220}^{(11)}m_{202}^{(20)}\\
&+m_{001}^{(21)}m_{220}^{(11)}m_{103}^{(00)} + 6m_{001}^{(21)}m_{220}^{(20)}m_{211}^{(21)} + m_{001}^{(21)}m_{220}^{(20)}m_{202}^{(11)} - 4m_{001}^{(21)}m_{220}^{(20)}m_{112}^{(10)}\\
&-3m_{001}^{(21)}m_{220}^{(20)}m_{022}^{(00)} - 6m_{001}^{(21)}m_{220}^{(21)}m_{211}^{(20)} + 2m_{001}^{(21)}m_{220}^{(21)}m_{202}^{(10)} - 2m_{001}^{(21)}m_{220}^{(21)}m_{112}^{(00)}\\
&+3m_{001}^{(21)}m_{220}^{(22)}m_{211}^{(10)} + 3m_{001}^{(21)}m_{220}^{(22)}m_{121}^{(00)} - 3m_{001}^{(21)}m_{211}^{(00)}m_{130}^{(22)} + 10m_{001}^{(21)}m_{211}^{(00)}m_{121}^{(21)}\\
&-3m_{001}^{(21)}m_{211}^{(00)}m_{112}^{(11)} - 2m_{001}^{(21)}m_{211}^{(00)}m_{031}^{(20)} - 2m_{001}^{(21)}m_{211}^{(00)}m_{022}^{(10)} - m_{001}^{(21)}m_{211}^{(10)}m_{202}^{(11)}\\
&-4m_{001}^{(21)}m_{211}^{(10)}m_{121}^{(20)} + 2m_{001}^{(21)}m_{211}^{(10)}m_{022}^{(00)} + m_{001}^{(21)}m_{211}^{(11)}m_{202}^{(10)} + 3m_{001}^{(21)}m_{211}^{(11)}m_{112}^{(00)}\\
&+4m_{001}^{(21)}m_{211}^{(20)}m_{121}^{(10)} + 2m_{001}^{(21)}m_{211}^{(20)}m_{031}^{(00)} - 10m_{001}^{(21)}m_{211}^{(21)}m_{121}^{(00)} + 3m_{001}^{(21)}m_{211}^{(22)}m_{130}^{(00)}\\
&-2m_{001}^{(21)}m_{202}^{(00)}m_{121}^{(11)} - m_{001}^{(21)}m_{202}^{(00)}m_{040}^{(20)} + 3m_{001}^{(21)}m_{202}^{(00)}m_{031}^{(10)} - 3m_{001}^{(21)}m_{202}^{(10)}m_{031}^{(00)}\\
&+2m_{001}^{(21)}m_{202}^{(11)}m_{121}^{(00)} + m_{001}^{(21)}m_{202}^{(20)}m_{040}^{(00)} - 4m_{001}^{(21)}m_{130}^{(00)}m_{112}^{(20)} + m_{001}^{(21)}m_{130}^{(00)}m_{103}^{(10)}\\
&-m_{001}^{(21)}m_{130}^{(10)}m_{103}^{(00)} + 4m_{001}^{(21)}m_{130}^{(20)}m_{112}^{(00)} + 5m_{001}^{(21)}m_{121}^{(00)}m_{112}^{(10)} - 5m_{001}^{(21)}m_{121}^{(10)}m_{112}^{(00)}\\
&+m_{001}^{(22)}m_{400}^{(10)}m_{040}^{(22)} - 2m_{001}^{(22)}m_{400}^{(10)}m_{031}^{(21)} + m_{001}^{(22)}m_{400}^{(10)}m_{022}^{(11)} - m_{001}^{(22)}m_{400}^{(11)}m_{130}^{(22)}\\
&+2m_{001}^{(22)}m_{400}^{(11)}m_{121}^{(21)} - m_{001}^{(22)}m_{400}^{(11)}m_{022}^{(10)} - 2m_{001}^{(22)}m_{400}^{(21)}m_{121}^{(11)} + 2m_{001}^{(22)}m_{400}^{(21)}m_{031}^{(10)}\\
&+m_{001}^{(22)}m_{400}^{(22)}m_{130}^{(11)} - m_{001}^{(22)}m_{400}^{(22)}m_{040}^{(10)} - m_{001}^{(22)}m_{310}^{(00)}m_{040}^{(22)} + 2m_{001}^{(22)}m_{310}^{(00)}m_{031}^{(21)}\\
&-m_{001}^{(22)}m_{310}^{(00)}m_{022}^{(11)} - 2m_{001}^{(22)}m_{310}^{(10)}m_{130}^{(22)} + 2m_{001}^{(22)}m_{310}^{(10)}m_{121}^{(21)} - 2m_{001}^{(22)}m_{310}^{(10)}m_{112}^{(11)}\\
&+2m_{001}^{(22)}m_{310}^{(10)}m_{031}^{(20)} + 3m_{001}^{(22)}m_{310}^{(11)}m_{220}^{(22)} - 4m_{001}^{(22)}m_{310}^{(11)}m_{211}^{(21)} - 2m_{001}^{(22)}m_{310}^{(11)}m_{121}^{(20)}\\
&+2m_{001}^{(22)}m_{310}^{(11)}m_{112}^{(10)} + m_{001}^{(22)}m_{310}^{(11)}m_{022}^{(00)} + 2m_{001}^{(22)}m_{310}^{(20)}m_{121}^{(11)} - 2m_{001}^{(22)}m_{310}^{(20)}m_{031}^{(10)}\\
&+4m_{001}^{(22)}m_{310}^{(21)}m_{211}^{(11)} - 2m_{001}^{(22)}m_{310}^{(21)}m_{121}^{(10)} - 2m_{001}^{(22)}m_{310}^{(21)}m_{031}^{(00)} - 3m_{001}^{(22)}m_{310}^{(22)}m_{220}^{(11)}\\
&+2m_{001}^{(22)}m_{310}^{(22)}m_{130}^{(10)} + m_{001}^{(22)}m_{310}^{(22)}m_{040}^{(00)} + 2m_{001}^{(22)}m_{301}^{(10)}m_{130}^{(21)} - 2m_{001}^{(22)}m_{301}^{(10)}m_{040}^{(20)}\\
&-2m_{001}^{(22)}m_{301}^{(11)}m_{220}^{(21)} + 2m_{001}^{(22)}m_{301}^{(11)}m_{130}^{(20)} - 2m_{001}^{(22)}m_{301}^{(20)}m_{130}^{(11)} + 2m_{001}^{(22)}m_{301}^{(20)}m_{040}^{(10)}\\
&+2m_{001}^{(22)}m_{301}^{(21)}m_{220}^{(11)} - 2m_{001}^{(22)}m_{301}^{(21)}m_{130}^{(10)} + 3m_{001}^{(22)}m_{220}^{(00)}m_{130}^{(22)} - 4m_{001}^{(22)}m_{220}^{(00)}m_{121}^{(21)}\\
&+2m_{001}^{(22)}m_{220}^{(00)}m_{112}^{(11)} - 2m_{001}^{(22)}m_{220}^{(00)}m_{031}^{(20)} + m_{001}^{(22)}m_{220}^{(00)}m_{022}^{(10)} + 2m_{001}^{(22)}m_{220}^{(10)}m_{211}^{(21)}\\
&+m_{001}^{(22)}m_{220}^{(10)}m_{202}^{(11)} - 2m_{001}^{(22)}m_{220}^{(10)}m_{121}^{(20)} - m_{001}^{(22)}m_{220}^{(10)}m_{022}^{(00)} + 4m_{001}^{(22)}m_{220}^{(11)}m_{211}^{(20)}\\
&-m_{001}^{(22)}m_{220}^{(11)}m_{202}^{(10)} - 2m_{001}^{(22)}m_{220}^{(11)}m_{112}^{(00)} - 4m_{001}^{(22)}m_{220}^{(20)}m_{211}^{(11)} + 2m_{001}^{(22)}m_{220}^{(20)}m_{121}^{(10)}\\
&+2m_{001}^{(22)}m_{220}^{(20)}m_{031}^{(00)} - 2m_{001}^{(22)}m_{220}^{(21)}m_{211}^{(10)} + 4m_{001}^{(22)}m_{220}^{(21)}m_{121}^{(00)} - 3m_{001}^{(22)}m_{220}^{(22)}m_{130}^{(00)}\\
&-2m_{001}^{(22)}m_{211}^{(00)}m_{130}^{(21)} + 2m_{001}^{(22)}m_{211}^{(00)}m_{040}^{(20)} + 2m_{001}^{(22)}m_{211}^{(10)}m_{130}^{(20)} - 2m_{001}^{(22)}m_{211}^{(20)}m_{130}^{(10)}\\
&-2m_{001}^{(22)}m_{211}^{(20)}m_{040}^{(00)} + 2m_{001}^{(22)}m_{211}^{(21)}m_{130}^{(00)} + m_{001}^{(22)}m_{202}^{(00)}m_{130}^{(11)} - m_{001}^{(22)}m_{202}^{(00)}m_{040}^{(10)}\\
&+m_{001}^{(22)}m_{202}^{(10)}m_{040}^{(00)} - m_{001}^{(22)}m_{202}^{(11)}m_{130}^{(00)} + 4m_{001}^{(22)}m_{130}^{(00)}m_{121}^{(20)} - 2m_{001}^{(22)}m_{130}^{(00)}m_{112}^{(10)}\\
&+2m_{001}^{(22)}m_{130}^{(10)}m_{112}^{(00)} - 4m_{001}^{(22)}m_{130}^{(20)}m_{121}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{cccccc}
V1 & 1 & V1 & 1 & 1 \\
1 & V2 & 2 & 2 & 2 \\
V2 & 2 & V3 & V3 & 3
\end{array}
$$



$$
\begin{aligned}
T_{153} \;=\;& m_{100}^{(10)} m_{310}^{(11)} m_{013}^{(22)} - m_{100}^{(10)} m_{310}^{(11)} m_{004}^{(21)} - m_{100}^{(10)} m_{310}^{(21)} m_{022}^{(22)} + m_{100}^{(10)} m_{310}^{(21)} m_{004}^{(11)} \\
&+ m_{100}^{(10)} m_{310}^{(22)} m_{022}^{(21)} - m_{100}^{(10)} m_{310}^{(22)} m_{013}^{(11)} - m_{100}^{(10)} m_{301}^{(11)} m_{022}^{(22)} + m_{100}^{(10)} m_{301}^{(11)} m_{013}^{(21)} \\
&+ m_{100}^{(10)} m_{301}^{(21)} m_{031}^{(22)} - m_{100}^{(10)} m_{301}^{(21)} m_{013}^{(11)} - m_{100}^{(10)} m_{301}^{(22)} m_{031}^{(21)} + m_{100}^{(10)} m_{301}^{(22)} m_{022}^{(11)} \\
&- 2m_{100}^{(10)} m_{220}^{(10)} m_{013}^{(22)} + 2m_{100}^{(10)} m_{220}^{(10)} m_{004}^{(21)} - m_{100}^{(10)} m_{220}^{(11)} m_{103}^{(22)} + m_{100}^{(10)} m_{220}^{(11)} m_{004}^{(20)} \\
&+ m_{100}^{(10)} m_{220}^{(20)} m_{022}^{(22)} - m_{100}^{(10)} m_{220}^{(20)} m_{004}^{(11)} + 2m_{100}^{(10)} m_{220}^{(21)} m_{112}^{(22)} - 2m_{100}^{(10)} m_{220}^{(21)} m_{004}^{(10)} \\
&- 2m_{100}^{(10)} m_{220}^{(22)} m_{112}^{(21)} + m_{100}^{(10)} m_{220}^{(22)} m_{103}^{(11)} - m_{100}^{(10)} m_{220}^{(22)} m_{022}^{(20)} + 2m_{100}^{(10)} m_{220}^{(22)} m_{013}^{(10)} \\
&+ 2m_{100}^{(10)} m_{211}^{(10)} m_{022}^{(22)} - 2m_{100}^{(10)} m_{211}^{(10)} m_{004}^{(11)} + m_{100}^{(10)} m_{211}^{(11)} m_{112}^{(22)} + m_{100}^{(10)} m_{211}^{(11)} m_{103}^{(21)} \\
&- 4m_{100}^{(10)} m_{211}^{(11)} m_{013}^{(20)} + 2m_{100}^{(10)} m_{211}^{(11)} m_{004}^{(10)} - 4m_{100}^{(10)} m_{211}^{(20)} m_{022}^{(21)} + 4m_{100}^{(10)} m_{211}^{(20)} m_{013}^{(11)} \\
&- 3m_{100}^{(10)} m_{211}^{(21)} m_{121}^{(22)} - m_{100}^{(10)} m_{211}^{(21)} m_{103}^{(11)} + 4m_{100}^{(10)} m_{211}^{(21)} m_{022}^{(20)} + 3m_{100}^{(10)} m_{211}^{(22)} m_{121}^{(21)} \\
&- m_{100}^{(10)} m_{211}^{(22)} m_{112}^{(11)} - 2m_{100}^{(10)} m_{211}^{(22)} m_{022}^{(10)} - 2m_{100}^{(10)} m_{202}^{(10)} m_{022}^{(21)} + 2m_{100}^{(10)} m_{202}^{(10)} m_{013}^{(11)} \\
&- m_{100}^{(10)} m_{202}^{(11)} m_{112}^{(21)} + 3m_{100}^{(10)} m_{202}^{(11)} m_{022}^{(20)} - 2m_{100}^{(10)} m_{202}^{(11)} m_{013}^{(10)} - m_{100}^{(10)} m_{202}^{(20)} m_{040}^{(22)} \\
&+ 4m_{100}^{(10)} m_{202}^{(20)} m_{031}^{(21)} - 3m_{100}^{(10)} m_{202}^{(20)} m_{022}^{(11)} + m_{100}^{(10)} m_{202}^{(21)} m_{130}^{(22)} + m_{100}^{(10)} m_{202}^{(21)} m_{112}^{(11)} \\
&- 4m_{100}^{(10)} m_{202}^{(21)} m_{031}^{(20)} + 2m_{100}^{(10)} m_{202}^{(21)} m_{022}^{(10)} - m_{100}^{(10)} m_{202}^{(22)} m_{130}^{(21)} + m_{100}^{(10)} m_{202}^{(22)} m_{040}^{(20)} \\
&+ m_{100}^{(10)} m_{130}^{(00)} m_{013}^{(22)} - m_{100}^{(10)} m_{130}^{(00)} m_{004}^{(21)} + 2m_{100}^{(10)} m_{130}^{(10)} m_{103}^{(22)} - 2m_{100}^{(10)} m_{130}^{(10)} m_{004}^{(20)} \\
&- 2m_{100}^{(10)} m_{130}^{(20)} m_{112}^{(22)} + 2m_{100}^{(10)} m_{130}^{(20)} m_{004}^{(10)} + m_{100}^{(10)} m_{130}^{(21)} m_{004}^{(00)} + 2m_{100}^{(10)} m_{130}^{(22)} m_{112}^{(20)} \\
&- 2m_{100}^{(10)} m_{130}^{(22)} m_{103}^{(10)} - m_{100}^{(10)} m_{130}^{(22)} m_{013}^{(00)} - m_{100}^{(10)} m_{121}^{(00)} m_{022}^{(22)} - m_{100}^{(10)} m_{121}^{(00)} m_{013}^{(21)} \\
&+ 2m_{100}^{(10)} m_{121}^{(00)} m_{004}^{(11)} - 2m_{100}^{(10)} m_{121}^{(10)} m_{112}^{(22)} - 4m_{100}^{(10)} m_{121}^{(10)} m_{103}^{(21)} + 6m_{100}^{(10)} m_{121}^{(10)} m_{013}^{(20)} \\
&+ 2m_{100}^{(10)} m_{121}^{(11)} m_{103}^{(20)} - 2m_{100}^{(10)} m_{121}^{(11)} m_{004}^{(00)} + 8m_{100}^{(10)} m_{121}^{(20)} m_{112}^{(21)} - 2m_{100}^{(10)} m_{121}^{(20)} m_{103}^{(11)} \\
&- 6m_{100}^{(10)} m_{121}^{(20)} m_{013}^{(10)} - 8m_{100}^{(10)} m_{121}^{(21)} m_{112}^{(20)} + 4m_{100}^{(10)} m_{121}^{(21)} m_{103}^{(10)} + m_{100}^{(10)} m_{121}^{(21)} m_{013}^{(00)} \\
&+ 2m_{100}^{(10)} m_{121}^{(22)} m_{112}^{(10)} + m_{100}^{(10)} m_{121}^{(22)} m_{022}^{(00)} - m_{100}^{(10)} m_{112}^{(00)} m_{031}^{(22)} + 5m_{100}^{(10)} m_{112}^{(00)} m_{022}^{(21)} \\
&- 4m_{100}^{(10)} m_{112}^{(00)} m_{013}^{(11)} + 4m_{100}^{(10)} m_{112}^{(10)} m_{103}^{(11)} - 6m_{100}^{(10)} m_{112}^{(10)} m_{022}^{(20)} - 4m_{100}^{(10)} m_{112}^{(11)} m_{103}^{(10)} \\
&+ 4m_{100}^{(10)} m_{112}^{(11)} m_{013}^{(00)} + 6m_{100}^{(10)} m_{112}^{(20)} m_{022}^{(10)} - 5m_{100}^{(10)} m_{112}^{(21)} m_{022}^{(00)} + m_{100}^{(10)} m_{112}^{(22)} m_{031}^{(00)} \\
&+ m_{100}^{(10)} m_{103}^{(00)} m_{040}^{(22)} - 3m_{100}^{(10)} m_{103}^{(00)} m_{031}^{(21)} + 2m_{100}^{(10)} m_{103}^{(00)} m_{022}^{(11)} + 2m_{100}^{(10)} m_{103}^{(10)} m_{031}^{(20)} \\
&- 2m_{100}^{(10)} m_{103}^{(11)} m_{022}^{(00)} - 2m_{100}^{(10)} m_{103}^{(20)} m_{031}^{(10)} + 3m_{100}^{(10)} m_{103}^{(21)} m_{031}^{(00)} - m_{100}^{(10)} m_{103}^{(22)} m_{040}^{(00)} \\
&+ m_{100}^{(10)} m_{040}^{(00)} m_{004}^{(20)} - m_{100}^{(10)} m_{040}^{(20)} m_{004}^{(00)} - 2m_{100}^{(10)} m_{031}^{(00)} m_{013}^{(20)} - 2m_{100}^{(10)} m_{031}^{(00)} m_{004}^{(10)} \\
&+ 2m_{100}^{(10)} m_{031}^{(10)} m_{004}^{(00)} + 2m_{100}^{(10)} m_{031}^{(20)} m_{013}^{(00)} + 6m_{100}^{(10)} m_{022}^{(00)} m_{013}^{(10)} - 6m_{100}^{(10)} m_{022}^{(10)} m_{013}^{(00)} \\
&- m_{100}^{(11)} m_{400}^{(11)} m_{013}^{(22)} + m_{100}^{(11)} m_{400}^{(11)} m_{004}^{(21)} + m_{100}^{(11)} m_{400}^{(21)} m_{022}^{(22)} - m_{100}^{(11)} m_{400}^{(21)} m_{004}^{(11)} \\
&- m_{100}^{(11)} m_{400}^{(22)} m_{022}^{(21)} + m_{100}^{(11)} m_{400}^{(22)} m_{013}^{(11)} + 2m_{100}^{(11)} m_{310}^{(10)} m_{013}^{(22)} - 2m_{100}^{(11)} m_{310}^{(10)} m_{004}^{(21)} \\
&+ m_{100}^{(11)} m_{310}^{(11)} m_{103}^{(22)} - m_{100}^{(11)} m_{310}^{(11)} m_{004}^{(20)} - m_{100}^{(11)} m_{310}^{(20)} m_{022}^{(22)} + m_{100}^{(11)} m_{310}^{(20)} m_{004}^{(11)} \\
&- 2m_{100}^{(11)} m_{310}^{(21)} m_{112}^{(22)} + 2m_{100}^{(11)} m_{310}^{(21)} m_{004}^{(10)} + 2m_{100}^{(11)} m_{310}^{(22)} m_{112}^{(21)} - m_{100}^{(11)} m_{310}^{(22)} m_{103}^{(11)} \\
&+ m_{100}^{(11)} m_{310}^{(22)} m_{022}^{(20)} - 2m_{100}^{(11)} m_{310}^{(22)} m_{013}^{(10)} - 2m_{100}^{(11)} m_{301}^{(10)} m_{013}^{(21)} + 2m_{100}^{(11)} m_{301}^{(10)} m_{004}^{(11)} \\
&+ m_{100}^{(11)} m_{301}^{(11)} m_{112}^{(22)} - 2m_{100}^{(11)} m_{301}^{(11)} m_{103}^{(21)} + 3m_{100}^{(11)} m_{301}^{(11)} m_{013}^{(20)} - 2m_{100}^{(11)} m_{301}^{(11)} m_{004}^{(10)} \\
&- m_{100}^{(11)} m_{301}^{(20)} m_{031}^{(22)} + 4m_{100}^{(11)} m_{301}^{(20)} m_{022}^{(21)} - 3m_{100}^{(11)} m_{301}^{(20)} m_{013}^{(11)} + 2m_{100}^{(11)} m_{301}^{(21)} m_{103}^{(11)} \\
&- 4m_{100}^{(11)} m_{301}^{(21)} m_{022}^{(20)} + 2m_{100}^{(11)} m_{301}^{(21)} m_{013}^{(10)} - m_{100}^{(11)} m_{301}^{(22)} m_{112}^{(11)} + m_{100}^{(11)} m_{301}^{(22)} m_{031}^{(20)} \\
&- m_{100}^{(11)} m_{220}^{(00)} m_{013}^{(22)} + m_{100}^{(11)} m_{220}^{(00)} m_{004}^{(21)} - 2m_{100}^{(11)} m_{220}^{(10)} m_{103}^{(22)} + 2m_{100}^{(11)} m_{220}^{(10)} m_{004}^{(20)} \\
&+ 2m_{100}^{(11)} m_{220}^{(20)} m_{112}^{(22)} - 2m_{100}^{(11)} m_{220}^{(20)} m_{004}^{(10)} + m_{100}^{(11)} m_{220}^{(21)} m_{202}^{(22)} - m_{100}^{(11)} m_{220}^{(21)} m_{004}^{(00)} \\
&- m_{100}^{(11)} m_{220}^{(22)} m_{202}^{(21)} - 2m_{100}^{(11)} m_{220}^{(22)} m_{112}^{(20)} + 2m_{100}^{(11)} m_{220}^{(22)} m_{103}^{(10)} + m_{100}^{(11)} m_{220}^{(22)} m_{013}^{(00)} \\
&+ 2m_{100}^{(11)} m_{211}^{(00)} m_{013}^{(21)} - 2m_{100}^{(11)} m_{211}^{(00)} m_{004}^{(11)} - 2m_{100}^{(11)} m_{211}^{(10)} m_{112}^{(22)} + 6m_{100}^{(11)} m_{211}^{(10)} m_{103}^{(21)}
\end{aligned}
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\begin{aligned}
&-4m_{100}^{(11)}m_{211}^{(10)}m_{013}^{(20)} - m_{100}^{(11)}m_{211}^{(11)}m_{202}^{(22)} - m_{100}^{(11)}m_{211}^{(11)}m_{103}^{(20)} + 2m_{100}^{(11)}m_{211}^{(11)}m_{004}^{(00)}\\
&+3m_{100}^{(11)}m_{211}^{(20)}m_{121}^{(22)} - 8m_{100}^{(11)}m_{211}^{(20)}m_{112}^{(21)} + m_{100}^{(11)}m_{211}^{(20)}m_{103}^{(11)} + 4m_{100}^{(11)}m_{211}^{(20)}m_{013}^{(10)}\\
&+8m_{100}^{(11)}m_{211}^{(21)}m_{112}^{(20)} - 6m_{100}^{(11)}m_{211}^{(21)}m_{103}^{(10)} - 2m_{100}^{(11)}m_{211}^{(21)}m_{013}^{(00)} + m_{100}^{(11)}m_{211}^{(22)}m_{202}^{(11)}\\
&-3m_{100}^{(11)}m_{211}^{(22)}m_{121}^{(20)} + 2m_{100}^{(11)}m_{211}^{(22)}m_{112}^{(10)} + m_{100}^{(11)}m_{202}^{(00)}m_{031}^{(22)} - 3m_{100}^{(11)}m_{202}^{(00)}m_{022}^{(21)}\\
&+2m_{100}^{(11)}m_{202}^{(00)}m_{013}^{(11)} - 2m_{100}^{(11)}m_{202}^{(10)}m_{121}^{(22)} + 6m_{100}^{(11)}m_{202}^{(10)}m_{112}^{(21)} - 6m_{100}^{(11)}m_{202}^{(10)}m_{103}^{(11)}\\
&+2m_{100}^{(11)}m_{202}^{(10)}m_{022}^{(20)} - 5m_{100}^{(11)}m_{202}^{(11)}m_{112}^{(20)} + 6m_{100}^{(11)}m_{202}^{(11)}m_{103}^{(10)} - 2m_{100}^{(11)}m_{202}^{(11)}m_{013}^{(00)}\\
&+m_{100}^{(11)}m_{202}^{(20)}m_{130}^{(22)} - 4m_{100}^{(11)}m_{202}^{(20)}m_{121}^{(21)} + 5m_{100}^{(11)}m_{202}^{(20)}m_{112}^{(11)} - 2m_{100}^{(11)}m_{202}^{(20)}m_{022}^{(10)}\\
&+4m_{100}^{(11)}m_{202}^{(21)}m_{121}^{(20)} - 6m_{100}^{(11)}m_{202}^{(21)}m_{112}^{(10)} + 3m_{100}^{(11)}m_{202}^{(21)}m_{022}^{(00)} - m_{100}^{(11)}m_{202}^{(22)}m_{130}^{(20)}\\
&+2m_{100}^{(11)}m_{202}^{(22)}m_{121}^{(10)} - m_{100}^{(11)}m_{202}^{(22)}m_{031}^{(00)} + m_{100}^{(11)}m_{130}^{(00)}m_{103}^{(22)} - m_{100}^{(11)}m_{130}^{(00)}m_{004}^{(20)}\\
&+m_{100}^{(11)}m_{130}^{(20)}m_{004}^{(00)} - m_{100}^{(11)}m_{130}^{(22)}m_{103}^{(00)} + m_{100}^{(11)}m_{121}^{(00)}m_{112}^{(22)} - 4m_{100}^{(11)}m_{121}^{(00)}m_{103}^{(21)}\\
&+m_{100}^{(11)}m_{121}^{(00)}m_{013}^{(20)} + 2m_{100}^{(11)}m_{121}^{(00)}m_{004}^{(10)} - 2m_{100}^{(11)}m_{121}^{(10)}m_{004}^{(00)} - m_{100}^{(11)}m_{121}^{(20)}m_{013}^{(00)}\\
&+4m_{100}^{(11)}m_{121}^{(21)}m_{103}^{(00)} - m_{100}^{(11)}m_{121}^{(22)}m_{112}^{(00)} + 4m_{100}^{(11)}m_{112}^{(00)}m_{103}^{(11)} + m_{100}^{(11)}m_{112}^{(00)}m_{022}^{(20)}\\
&-4m_{100}^{(11)}m_{112}^{(00)}m_{013}^{(10)} + 4m_{100}^{(11)}m_{112}^{(10)}m_{013}^{(00)} - 4m_{100}^{(11)}m_{112}^{(11)}m_{103}^{(00)} - m_{100}^{(11)}m_{112}^{(20)}m_{022}^{(00)}\\
&-m_{100}^{(11)}m_{103}^{(00)}m_{031}^{(20)} + 2m_{100}^{(11)}m_{103}^{(00)}m_{022}^{(10)} - 2m_{100}^{(11)}m_{103}^{(10)}m_{022}^{(00)} + m_{100}^{(11)}m_{103}^{(20)}m_{031}^{(00)}\\
&-m_{100}^{(20)}m_{310}^{(11)}m_{022}^{(22)} + m_{100}^{(20)}m_{310}^{(11)}m_{013}^{(21)} + m_{100}^{(20)}m_{310}^{(21)}m_{031}^{(22)} - m_{100}^{(20)}m_{310}^{(21)}m_{013}^{(11)}\\
&-m_{100}^{(20)}m_{310}^{(22)}m_{031}^{(21)} + m_{100}^{(20)}m_{310}^{(22)}m_{022}^{(11)} + m_{100}^{(20)}m_{301}^{(11)}m_{031}^{(22)} - m_{100}^{(20)}m_{301}^{(11)}m_{022}^{(21)}\\
&-m_{100}^{(20)}m_{301}^{(21)}m_{040}^{(22)} + m_{100}^{(20)}m_{301}^{(21)}m_{022}^{(11)} + m_{100}^{(20)}m_{301}^{(22)}m_{040}^{(21)} - m_{100}^{(20)}m_{301}^{(22)}m_{031}^{(11)}\\
&+3m_{100}^{(20)}m_{220}^{(10)}m_{022}^{(22)} - 4m_{100}^{(20)}m_{220}^{(10)}m_{013}^{(21)} + m_{100}^{(20)}m_{220}^{(10)}m_{004}^{(11)} + m_{100}^{(20)}m_{220}^{(11)}m_{103}^{(21)}\\
&-m_{100}^{(20)}m_{220}^{(11)}m_{004}^{(10)} - 2m_{100}^{(20)}m_{220}^{(20)}m_{031}^{(22)} + 2m_{100}^{(20)}m_{220}^{(20)}m_{022}^{(21)} - m_{100}^{(20)}m_{220}^{(21)}m_{121}^{(22)}\\
&-m_{100}^{(20)}m_{220}^{(21)}m_{103}^{(11)} - 2m_{100}^{(20)}m_{220}^{(21)}m_{022}^{(20)} + 4m_{100}^{(20)}m_{220}^{(21)}m_{013}^{(10)} + m_{100}^{(20)}m_{220}^{(22)}m_{121}^{(21)}\\
&+2m_{100}^{(20)}m_{220}^{(22)}m_{031}^{(20)} - 3m_{100}^{(20)}m_{220}^{(22)}m_{022}^{(10)} - 4m_{100}^{(20)}m_{211}^{(10)}m_{031}^{(22)} + 4m_{100}^{(20)}m_{211}^{(10)}m_{022}^{(21)}\\
&+m_{100}^{(20)}m_{211}^{(11)}m_{121}^{(22)} - 3m_{100}^{(20)}m_{211}^{(11)}m_{112}^{(21)} + 2m_{100}^{(20)}m_{211}^{(11)}m_{022}^{(20)} + 2m_{100}^{(20)}m_{211}^{(20)}m_{040}^{(22)}\\
&-2m_{100}^{(20)}m_{211}^{(20)}m_{022}^{(11)} + m_{100}^{(20)}m_{211}^{(21)}m_{130}^{(22)} + 3m_{100}^{(20)}m_{211}^{(21)}m_{112}^{(11)} - 4m_{100}^{(20)}m_{211}^{(21)}m_{022}^{(10)}\\
&-m_{100}^{(20)}m_{211}^{(22)}m_{130}^{(21)} - m_{100}^{(20)}m_{211}^{(22)}m_{121}^{(11)} - 2m_{100}^{(20)}m_{211}^{(22)}m_{040}^{(20)} + 4m_{100}^{(20)}m_{211}^{(22)}m_{031}^{(10)}\\
&+m_{100}^{(20)}m_{202}^{(10)}m_{040}^{(22)} - m_{100}^{(20)}m_{202}^{(10)}m_{022}^{(11)} - m_{100}^{(20)}m_{202}^{(11)}m_{130}^{(22)} + 2m_{100}^{(20)}m_{202}^{(11)}m_{121}^{(21)}\\
&-2m_{100}^{(20)}m_{202}^{(11)}m_{031}^{(20)} + m_{100}^{(20)}m_{202}^{(11)}m_{022}^{(10)} - 2m_{100}^{(20)}m_{202}^{(20)}m_{040}^{(21)} + 2m_{100}^{(20)}m_{202}^{(20)}m_{031}^{(11)}\\
&-2m_{100}^{(20)}m_{202}^{(21)}m_{121}^{(11)} + 2m_{100}^{(20)}m_{202}^{(21)}m_{040}^{(20)} + m_{100}^{(20)}m_{202}^{(22)}m_{130}^{(11)} - m_{100}^{(20)}m_{202}^{(22)}m_{040}^{(10)}\\
&-2m_{100}^{(20)}m_{130}^{(00)}m_{022}^{(22)} + 3m_{100}^{(20)}m_{130}^{(00)}m_{013}^{(21)} - m_{100}^{(20)}m_{130}^{(00)}m_{004}^{(11)} - 2m_{100}^{(20)}m_{130}^{(10)}m_{112}^{(22)}\\
&+2m_{100}^{(20)}m_{130}^{(10)}m_{013}^{(20)} - 2m_{100}^{(20)}m_{130}^{(11)}m_{103}^{(20)} + m_{100}^{(20)}m_{130}^{(11)}m_{004}^{(00)} + 4m_{100}^{(20)}m_{130}^{(20)}m_{121}^{(22)}\\
&-4m_{100}^{(20)}m_{130}^{(20)}m_{112}^{(21)} + 2m_{100}^{(20)}m_{130}^{(20)}m_{103}^{(11)} - 2m_{100}^{(20)}m_{130}^{(20)}m_{013}^{(10)} + 4m_{100}^{(20)}m_{130}^{(21)}m_{112}^{(20)}\\
&-3m_{100}^{(20)}m_{130}^{(21)}m_{013}^{(00)} - 4m_{100}^{(20)}m_{130}^{(22)}m_{121}^{(20)} + 2m_{100}^{(20)}m_{130}^{(22)}m_{112}^{(10)} + 2m_{100}^{(20)}m_{130}^{(22)}m_{022}^{(00)}\\
&+4m_{100}^{(20)}m_{121}^{(00)}m_{031}^{(22)} - 5m_{100}^{(20)}m_{121}^{(00)}m_{022}^{(21)} + m_{100}^{(20)}m_{121}^{(00)}m_{013}^{(11)} + 8m_{100}^{(20)}m_{121}^{(10)}m_{112}^{(21)}\\
&-2m_{100}^{(20)}m_{121}^{(10)}m_{103}^{(11)} - 6m_{100}^{(20)}m_{121}^{(10)}m_{022}^{(20)} + 2m_{100}^{(20)}m_{121}^{(11)}m_{112}^{(20)} + 2m_{100}^{(20)}m_{121}^{(11)}m_{103}^{(10)}\\
&-m_{100}^{(20)}m_{121}^{(11)}m_{013}^{(00)} - 2m_{100}^{(20)}m_{121}^{(20)}m_{112}^{(11)} + 6m_{100}^{(20)}m_{121}^{(20)}m_{022}^{(10)} - 8m_{100}^{(20)}m_{121}^{(21)}m_{112}^{(10)}\\
&+5m_{100}^{(20)}m_{121}^{(21)}m_{022}^{(00)} - 4m_{100}^{(20)}m_{121}^{(22)}m_{031}^{(00)} - 2m_{100}^{(20)}m_{112}^{(00)}m_{040}^{(22)} + m_{100}^{(20)}m_{112}^{(00)}m_{031}^{(21)}\\
&+m_{100}^{(20)}m_{112}^{(00)}m_{022}^{(11)} + 6m_{100}^{(20)}m_{112}^{(10)}m_{031}^{(20)} - m_{100}^{(20)}m_{112}^{(11)}m_{022}^{(00)} - 6m_{100}^{(20)}m_{112}^{(20)}m_{031}^{(10)}\\
&-m_{100}^{(20)}m_{112}^{(21)}m_{031}^{(00)} + 2m_{100}^{(20)}m_{112}^{(22)}m_{040}^{(00)} + m_{100}^{(20)}m_{103}^{(00)}m_{040}^{(21)} - m_{100}^{(20)}m_{103}^{(00)}m_{031}^{(11)}\\
&-2m_{100}^{(20)}m_{103}^{(10)}m_{040}^{(20)} + m_{100}^{(20)}m_{103}^{(11)}m_{031}^{(00)} + 2m_{100}^{(20)}m_{103}^{(20)}m_{040}^{(10)} - m_{100}^{(20)}m_{103}^{(21)}m_{040}^{(00)}
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\begin{aligned}
&-2m_{100}^{(20)}m_{040}^{(00)}m_{013}^{(20)} + m_{100}^{(20)}m_{040}^{(00)}m_{004}^{(10)} - m_{100}^{(20)}m_{040}^{(10)}m_{004}^{(00)} + 2m_{100}^{(20)}m_{040}^{(20)}m_{013}^{(00)}\\
&+6m_{100}^{(20)}m_{031}^{(00)}m_{022}^{(20)} - 2m_{100}^{(20)}m_{031}^{(00)}m_{013}^{(10)} + 2m_{100}^{(20)}m_{031}^{(10)}m_{013}^{(00)} - 6m_{100}^{(20)}m_{031}^{(20)}m_{022}^{(00)}\\
&+2m_{100}^{(21)}m_{400}^{(11)}m_{022}^{(22)} - 2m_{100}^{(21)}m_{400}^{(11)}m_{013}^{(21)} - 2m_{100}^{(21)}m_{400}^{(21)}m_{031}^{(22)} + 2m_{100}^{(21)}m_{400}^{(21)}m_{013}^{(11)}\\
&+2m_{100}^{(21)}m_{400}^{(22)}m_{031}^{(21)} - 2m_{100}^{(21)}m_{400}^{(22)}m_{022}^{(11)} - 5m_{100}^{(21)}m_{310}^{(10)}m_{022}^{(22)} + 6m_{100}^{(21)}m_{310}^{(10)}m_{013}^{(21)}\\
&-m_{100}^{(21)}m_{310}^{(10)}m_{004}^{(11)} - 2m_{100}^{(21)}m_{310}^{(11)}m_{112}^{(22)} + m_{100}^{(21)}m_{310}^{(11)}m_{013}^{(20)} + m_{100}^{(21)}m_{310}^{(11)}m_{004}^{(10)}\\
&+3m_{100}^{(21)}m_{310}^{(20)}m_{031}^{(22)} - 2m_{100}^{(21)}m_{310}^{(20)}m_{022}^{(21)} - m_{100}^{(21)}m_{310}^{(20)}m_{013}^{(11)} + 4m_{100}^{(21)}m_{310}^{(21)}m_{121}^{(22)}\\
&+2m_{100}^{(21)}m_{310}^{(21)}m_{022}^{(20)} - 6m_{100}^{(21)}m_{310}^{(21)}m_{013}^{(10)} - 4m_{100}^{(21)}m_{310}^{(22)}m_{121}^{(21)} + 2m_{100}^{(21)}m_{310}^{(22)}m_{112}^{(11)}\\
&-3m_{100}^{(21)}m_{310}^{(22)}m_{031}^{(20)} + 5m_{100}^{(21)}m_{310}^{(22)}m_{022}^{(10)} + m_{100}^{(21)}m_{301}^{(10)}m_{031}^{(22)} + 2m_{100}^{(21)}m_{301}^{(10)}m_{022}^{(21)}\\
&-3m_{100}^{(21)}m_{301}^{(10)}m_{013}^{(11)} - 2m_{100}^{(21)}m_{301}^{(11)}m_{121}^{(22)} + 4m_{100}^{(21)}m_{301}^{(11)}m_{112}^{(21)} - 5m_{100}^{(21)}m_{301}^{(11)}m_{022}^{(20)}\\
&+3m_{100}^{(21)}m_{301}^{(11)}m_{013}^{(10)} + m_{100}^{(21)}m_{301}^{(20)}m_{040}^{(22)} - 6m_{100}^{(21)}m_{301}^{(20)}m_{031}^{(21)} + 5m_{100}^{(21)}m_{301}^{(20)}m_{022}^{(11)}\\
&-4m_{100}^{(21)}m_{301}^{(21)}m_{112}^{(11)} + 6m_{100}^{(21)}m_{301}^{(21)}m_{031}^{(20)} - 2m_{100}^{(21)}m_{301}^{(21)}m_{022}^{(10)} + 2m_{100}^{(21)}m_{301}^{(22)}m_{121}^{(11)}\\
&-m_{100}^{(21)}m_{301}^{(22)}m_{040}^{(20)} - m_{100}^{(21)}m_{301}^{(22)}m_{031}^{(10)} + 3m_{100}^{(21)}m_{220}^{(00)}m_{022}^{(22)} - 4m_{100}^{(21)}m_{220}^{(00)}m_{013}^{(21)}\\
&+m_{100}^{(21)}m_{220}^{(00)}m_{004}^{(11)} + 6m_{100}^{(21)}m_{220}^{(10)}m_{112}^{(22)} - 2m_{100}^{(21)}m_{220}^{(10)}m_{103}^{(21)} - 4m_{100}^{(21)}m_{220}^{(10)}m_{013}^{(20)}\\
&+m_{100}^{(21)}m_{220}^{(11)}m_{103}^{(20)} - m_{100}^{(21)}m_{220}^{(11)}m_{004}^{(00)} - 7m_{100}^{(21)}m_{220}^{(20)}m_{121}^{(22)} + 4m_{100}^{(21)}m_{220}^{(20)}m_{112}^{(21)}\\
&-m_{100}^{(21)}m_{220}^{(20)}m_{103}^{(11)} + 4m_{100}^{(21)}m_{220}^{(20)}m_{013}^{(10)} - 2m_{100}^{(21)}m_{220}^{(21)}m_{211}^{(22)} - 4m_{100}^{(21)}m_{220}^{(21)}m_{112}^{(20)}\\
&+2m_{100}^{(21)}m_{220}^{(21)}m_{103}^{(10)} + 4m_{100}^{(21)}m_{220}^{(21)}m_{013}^{(00)} + 2m_{100}^{(21)}m_{220}^{(22)}m_{211}^{(21)} + 7m_{100}^{(21)}m_{220}^{(22)}m_{121}^{(20)}\\
&-6m_{100}^{(21)}m_{220}^{(22)}m_{112}^{(10)} - 3m_{100}^{(21)}m_{220}^{(22)}m_{022}^{(00)} - 2m_{100}^{(21)}m_{211}^{(00)}m_{031}^{(22)} + 2m_{100}^{(21)}m_{211}^{(00)}m_{013}^{(11)}\\
&+5m_{100}^{(21)}m_{211}^{(10)}m_{121}^{(22)} - 18m_{100}^{(21)}m_{211}^{(10)}m_{112}^{(21)} + 5m_{100}^{(21)}m_{211}^{(10)}m_{103}^{(11)} + 8m_{100}^{(21)}m_{211}^{(10)}m_{022}^{(20)}\\
&+2m_{100}^{(21)}m_{211}^{(11)}m_{202}^{(21)} + 5m_{100}^{(21)}m_{211}^{(11)}m_{112}^{(20)} - 5m_{100}^{(21)}m_{211}^{(11)}m_{103}^{(10)} - 2m_{100}^{(21)}m_{211}^{(11)}m_{013}^{(00)}\\
&-5m_{100}^{(21)}m_{211}^{(20)}m_{130}^{(22)} + 18m_{100}^{(21)}m_{211}^{(20)}m_{121}^{(21)} - 5m_{100}^{(21)}m_{211}^{(20)}m_{112}^{(11)} - 8m_{100}^{(21)}m_{211}^{(20)}m_{022}^{(10)}\\
&-2m_{100}^{(21)}m_{211}^{(21)}m_{202}^{(11)} - 18m_{100}^{(21)}m_{211}^{(21)}m_{121}^{(20)} + 18m_{100}^{(21)}m_{211}^{(21)}m_{112}^{(10)} + 5m_{100}^{(21)}m_{211}^{(22)}m_{130}^{(20)}\\
&-5m_{100}^{(21)}m_{211}^{(22)}m_{121}^{(10)} + 2m_{100}^{(21)}m_{211}^{(22)}m_{031}^{(00)} - m_{100}^{(21)}m_{202}^{(00)}m_{040}^{(22)} + 4m_{100}^{(21)}m_{202}^{(00)}m_{031}^{(21)}\\
&-3m_{100}^{(21)}m_{202}^{(00)}m_{022}^{(11)} + m_{100}^{(21)}m_{202}^{(10)}m_{130}^{(22)} - 4m_{100}^{(21)}m_{202}^{(10)}m_{121}^{(21)} + 7m_{100}^{(21)}m_{202}^{(10)}m_{112}^{(11)}\\
&-4m_{100}^{(21)}m_{202}^{(10)}m_{031}^{(20)} + 6m_{100}^{(21)}m_{202}^{(11)}m_{121}^{(20)} - 7m_{100}^{(21)}m_{202}^{(11)}m_{112}^{(10)} + 3m_{100}^{(21)}m_{202}^{(11)}m_{022}^{(00)}\\
&+2m_{100}^{(21)}m_{202}^{(20)}m_{130}^{(21)} - 6m_{100}^{(21)}m_{202}^{(20)}m_{121}^{(11)} + 4m_{100}^{(21)}m_{202}^{(20)}m_{031}^{(10)} - 2m_{100}^{(21)}m_{202}^{(21)}m_{130}^{(20)}\\
&+4m_{100}^{(21)}m_{202}^{(21)}m_{121}^{(10)} - 4m_{100}^{(21)}m_{202}^{(21)}m_{031}^{(00)} - m_{100}^{(21)}m_{202}^{(22)}m_{130}^{(10)} + m_{100}^{(21)}m_{202}^{(22)}m_{040}^{(00)}\\
&-4m_{100}^{(21)}m_{130}^{(00)}m_{112}^{(22)} + 2m_{100}^{(21)}m_{130}^{(00)}m_{103}^{(21)} + 3m_{100}^{(21)}m_{130}^{(00)}m_{013}^{(20)} - m_{100}^{(21)}m_{130}^{(00)}m_{004}^{(10)}\\
&+m_{100}^{(21)}m_{130}^{(10)}m_{004}^{(00)} - 3m_{100}^{(21)}m_{130}^{(20)}m_{013}^{(00)} - 2m_{100}^{(21)}m_{130}^{(21)}m_{103}^{(00)} + 4m_{100}^{(21)}m_{130}^{(22)}m_{112}^{(00)}\\
&+10m_{100}^{(21)}m_{121}^{(00)}m_{112}^{(21)} - 4m_{100}^{(21)}m_{121}^{(00)}m_{103}^{(11)} - 5m_{100}^{(21)}m_{121}^{(00)}m_{022}^{(20)} - m_{100}^{(21)}m_{121}^{(00)}m_{013}^{(10)}\\
&+m_{100}^{(21)}m_{121}^{(10)}m_{013}^{(00)} + 4m_{100}^{(21)}m_{121}^{(11)}m_{103}^{(00)} + 5m_{100}^{(21)}m_{121}^{(20)}m_{022}^{(00)} - 10m_{100}^{(21)}m_{121}^{(21)}m_{112}^{(00)}\\
&+m_{100}^{(21)}m_{112}^{(00)}m_{031}^{(20)} + 5m_{100}^{(21)}m_{112}^{(00)}m_{022}^{(10)} - 5m_{100}^{(21)}m_{112}^{(10)}m_{022}^{(00)} - m_{100}^{(21)}m_{112}^{(20)}m_{031}^{(00)}\\
&+m_{100}^{(21)}m_{103}^{(00)}m_{040}^{(20)} - 3m_{100}^{(21)}m_{103}^{(00)}m_{031}^{(10)} + 3m_{100}^{(21)}m_{103}^{(10)}m_{031}^{(00)} - m_{100}^{(21)}m_{103}^{(20)}m_{040}^{(00)}\\
&-m_{100}^{(22)}m_{400}^{(11)}m_{031}^{(22)} + m_{100}^{(22)}m_{400}^{(11)}m_{022}^{(21)} + m_{100}^{(22)}m_{400}^{(21)}m_{040}^{(22)} - m_{100}^{(22)}m_{400}^{(21)}m_{022}^{(11)}\\
&-m_{100}^{(22)}m_{400}^{(22)}m_{040}^{(21)} + m_{100}^{(22)}m_{400}^{(22)}m_{031}^{(11)} + 3m_{100}^{(22)}m_{310}^{(10)}m_{031}^{(22)} - 4m_{100}^{(22)}m_{310}^{(10)}m_{022}^{(21)}\\
&+m_{100}^{(22)}m_{310}^{(10)}m_{013}^{(11)} + m_{100}^{(22)}m_{310}^{(11)}m_{121}^{(22)} - m_{100}^{(22)}m_{310}^{(11)}m_{013}^{(10)} - 2m_{100}^{(22)}m_{310}^{(20)}m_{040}^{(22)}\\
&+2m_{100}^{(22)}m_{310}^{(20)}m_{031}^{(21)} - 2m_{100}^{(22)}m_{310}^{(21)}m_{130}^{(22)} - 2m_{100}^{(22)}m_{310}^{(21)}m_{031}^{(20)} + 4m_{100}^{(22)}m_{310}^{(21)}m_{022}^{(10)}\\
&+2m_{100}^{(22)}m_{310}^{(22)}m_{130}^{(21)} - m_{100}^{(22)}m_{310}^{(22)}m_{121}^{(11)} + 2m_{100}^{(22)}m_{310}^{(22)}m_{040}^{(20)} - 3m_{100}^{(22)}m_{310}^{(22)}m_{031}^{(10)}\\
&-m_{100}^{(22)}m_{301}^{(10)}m_{040}^{(22)} + m_{100}^{(22)}m_{301}^{(10)}m_{022}^{(11)} + m_{100}^{(22)}m_{301}^{(11)}m_{130}^{(22)} - 2m_{100}^{(22)}m_{301}^{(11)}m_{121}^{(21)}
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\begin{aligned}
&+2m_{100}^{(22)}m_{301}^{(11)}m_{031}^{(20)} - m_{100}^{(22)}m_{301}^{(11)}m_{022}^{(10)} + 2m_{100}^{(22)}m_{301}^{(20)}m_{040}^{(21)} - 2m_{100}^{(22)}m_{301}^{(20)}m_{031}^{(11)}\\
&+2m_{100}^{(22)}m_{301}^{(21)}m_{121}^{(11)} - 2m_{100}^{(22)}m_{301}^{(21)}m_{040}^{(20)} - m_{100}^{(22)}m_{301}^{(22)}m_{130}^{(11)} + m_{100}^{(22)}m_{301}^{(22)}m_{040}^{(10)}\\
&-2m_{100}^{(22)}m_{220}^{(00)}m_{031}^{(22)} + 3m_{100}^{(22)}m_{220}^{(00)}m_{022}^{(21)} - m_{100}^{(22)}m_{220}^{(00)}m_{013}^{(11)} - 5m_{100}^{(22)}m_{220}^{(10)}m_{121}^{(22)}\\
&+4m_{100}^{(22)}m_{220}^{(10)}m_{112}^{(21)} - m_{100}^{(22)}m_{220}^{(10)}m_{103}^{(11)} + 2m_{100}^{(22)}m_{220}^{(10)}m_{022}^{(20)} + m_{100}^{(22)}m_{220}^{(11)}m_{211}^{(22)}\\
&-m_{100}^{(22)}m_{220}^{(11)}m_{202}^{(21)} - 2m_{100}^{(22)}m_{220}^{(11)}m_{112}^{(20)} + m_{100}^{(22)}m_{220}^{(11)}m_{103}^{(10)} + m_{100}^{(22)}m_{220}^{(11)}m_{013}^{(00)}\\
&+6m_{100}^{(22)}m_{220}^{(20)}m_{130}^{(22)} - 6m_{100}^{(22)}m_{220}^{(20)}m_{121}^{(21)} + 2m_{100}^{(22)}m_{220}^{(20)}m_{112}^{(11)} - 2m_{100}^{(22)}m_{220}^{(20)}m_{022}^{(10)}\\
&+m_{100}^{(22)}m_{220}^{(21)}m_{202}^{(11)} + 6m_{100}^{(22)}m_{220}^{(21)}m_{121}^{(20)} - 4m_{100}^{(22)}m_{220}^{(21)}m_{112}^{(10)} - 3m_{100}^{(22)}m_{220}^{(21)}m_{022}^{(00)}\\
&-m_{100}^{(22)}m_{220}^{(22)}m_{211}^{(11)} - 6m_{100}^{(22)}m_{220}^{(22)}m_{130}^{(20)} + 5m_{100}^{(22)}m_{220}^{(22)}m_{121}^{(10)} + 2m_{100}^{(22)}m_{220}^{(22)}m_{031}^{(00)}\\
&+2m_{100}^{(22)}m_{211}^{(00)}m_{040}^{(22)} - 2m_{100}^{(22)}m_{211}^{(00)}m_{031}^{(21)} - m_{100}^{(22)}m_{211}^{(10)}m_{130}^{(22)} + 8m_{100}^{(22)}m_{211}^{(10)}m_{121}^{(21)}\\
&-3m_{100}^{(22)}m_{211}^{(10)}m_{112}^{(11)} - 4m_{100}^{(22)}m_{211}^{(10)}m_{031}^{(20)} - 2m_{100}^{(22)}m_{211}^{(11)}m_{121}^{(20)} + 3m_{100}^{(22)}m_{211}^{(11)}m_{112}^{(10)}\\
&-6m_{100}^{(22)}m_{211}^{(20)}m_{130}^{(21)} + 2m_{100}^{(22)}m_{211}^{(20)}m_{121}^{(11)} + 4m_{100}^{(22)}m_{211}^{(20)}m_{031}^{(10)} + 6m_{100}^{(22)}m_{211}^{(21)}m_{130}^{(20)}\\
&-8m_{100}^{(22)}m_{211}^{(21)}m_{121}^{(10)} + 2m_{100}^{(22)}m_{211}^{(21)}m_{031}^{(00)} + m_{100}^{(22)}m_{211}^{(22)}m_{130}^{(10)} - 2m_{100}^{(22)}m_{211}^{(22)}m_{040}^{(00)}\\
&-m_{100}^{(22)}m_{202}^{(00)}m_{040}^{(21)} + m_{100}^{(22)}m_{202}^{(00)}m_{031}^{(11)} - 2m_{100}^{(22)}m_{202}^{(10)}m_{121}^{(11)} + 2m_{100}^{(22)}m_{202}^{(10)}m_{040}^{(20)}\\
&-2m_{100}^{(22)}m_{202}^{(11)}m_{130}^{(20)} + 2m_{100}^{(22)}m_{202}^{(11)}m_{121}^{(10)} - m_{100}^{(22)}m_{202}^{(11)}m_{031}^{(00)} + 2m_{100}^{(22)}m_{202}^{(20)}m_{130}^{(11)}\\
&-2m_{100}^{(22)}m_{202}^{(20)}m_{040}^{(10)} + m_{100}^{(22)}m_{202}^{(21)}m_{040}^{(00)} + 4m_{100}^{(22)}m_{130}^{(00)}m_{121}^{(22)} - 4m_{100}^{(22)}m_{130}^{(00)}m_{112}^{(21)}\\
&+m_{100}^{(22)}m_{130}^{(00)}m_{103}^{(11)} - 2m_{100}^{(22)}m_{130}^{(00)}m_{022}^{(20)} + m_{100}^{(22)}m_{130}^{(00)}m_{013}^{(10)} - m_{100}^{(22)}m_{130}^{(10)}m_{013}^{(00)}\\
&-m_{100}^{(22)}m_{130}^{(11)}m_{103}^{(00)} + 2m_{100}^{(22)}m_{130}^{(20)}m_{022}^{(00)} + 4m_{100}^{(22)}m_{130}^{(21)}m_{112}^{(00)} - 4m_{100}^{(22)}m_{130}^{(22)}m_{121}^{(00)}\\
&+m_{100}^{(22)}m_{121}^{(00)}m_{112}^{(11)} + 4m_{100}^{(22)}m_{121}^{(00)}m_{031}^{(20)} - m_{100}^{(22)}m_{121}^{(00)}m_{022}^{(10)} + m_{100}^{(22)}m_{121}^{(10)}m_{022}^{(00)}\\
&-m_{100}^{(22)}m_{121}^{(11)}m_{112}^{(00)} - 4m_{100}^{(22)}m_{121}^{(20)}m_{031}^{(00)} - 2m_{100}^{(22)}m_{112}^{(00)}m_{040}^{(20)} - m_{100}^{(22)}m_{112}^{(00)}m_{031}^{(10)}\\
&+m_{100}^{(22)}m_{112}^{(10)}m_{031}^{(00)} + 2m_{100}^{(22)}m_{112}^{(20)}m_{040}^{(00)} + m_{100}^{(22)}m_{103}^{(00)}m_{040}^{(10)} - m_{100}^{(22)}m_{103}^{(10)}m_{040}^{(00)}\\
&-m_{010}^{(00)}m_{310}^{(11)}m_{013}^{(22)} + m_{010}^{(00)}m_{310}^{(11)}m_{004}^{(21)} + m_{010}^{(00)}m_{310}^{(21)}m_{022}^{(22)} - m_{010}^{(00)}m_{310}^{(21)}m_{004}^{(11)}\\
&-m_{010}^{(00)}m_{310}^{(22)}m_{022}^{(21)} + m_{010}^{(00)}m_{310}^{(22)}m_{013}^{(11)} + m_{010}^{(00)}m_{301}^{(11)}m_{022}^{(22)} - m_{010}^{(00)}m_{301}^{(11)}m_{013}^{(21)}\\
&-m_{010}^{(00)}m_{301}^{(21)}m_{031}^{(22)} + m_{010}^{(00)}m_{301}^{(21)}m_{013}^{(11)} + m_{010}^{(00)}m_{301}^{(22)}m_{031}^{(21)} - m_{010}^{(00)}m_{301}^{(22)}m_{022}^{(11)}\\
&+2m_{010}^{(00)}m_{220}^{(10)}m_{013}^{(22)} - 2m_{010}^{(00)}m_{220}^{(10)}m_{004}^{(21)} + m_{010}^{(00)}m_{220}^{(11)}m_{103}^{(22)} - m_{010}^{(00)}m_{220}^{(11)}m_{004}^{(20)}\\
&-m_{010}^{(00)}m_{220}^{(20)}m_{022}^{(22)} + m_{010}^{(00)}m_{220}^{(20)}m_{004}^{(11)} - 2m_{010}^{(00)}m_{220}^{(21)}m_{112}^{(22)} + 2m_{010}^{(00)}m_{220}^{(21)}m_{004}^{(10)}\\
&+2m_{010}^{(00)}m_{220}^{(22)}m_{112}^{(21)} - m_{010}^{(00)}m_{220}^{(22)}m_{103}^{(11)} + m_{010}^{(00)}m_{220}^{(22)}m_{022}^{(20)} - 2m_{010}^{(00)}m_{220}^{(22)}m_{013}^{(10)}\\
&-2m_{010}^{(00)}m_{211}^{(10)}m_{022}^{(22)} + 2m_{010}^{(00)}m_{211}^{(10)}m_{004}^{(11)} - m_{010}^{(00)}m_{211}^{(11)}m_{112}^{(22)} - m_{010}^{(00)}m_{211}^{(11)}m_{103}^{(21)}\\
&+4m_{010}^{(00)}m_{211}^{(11)}m_{013}^{(20)} - 2m_{010}^{(00)}m_{211}^{(11)}m_{004}^{(10)} + 4m_{010}^{(00)}m_{211}^{(20)}m_{022}^{(21)} - 4m_{010}^{(00)}m_{211}^{(20)}m_{013}^{(11)}\\
&+3m_{010}^{(00)}m_{211}^{(21)}m_{121}^{(22)} + m_{010}^{(00)}m_{211}^{(21)}m_{103}^{(11)} - 4m_{010}^{(00)}m_{211}^{(21)}m_{022}^{(20)} - 3m_{010}^{(00)}m_{211}^{(22)}m_{121}^{(21)}\\
&+m_{010}^{(00)}m_{211}^{(22)}m_{112}^{(11)} + 2m_{010}^{(00)}m_{211}^{(22)}m_{022}^{(10)} + 2m_{010}^{(00)}m_{202}^{(10)}m_{022}^{(21)} - 2m_{010}^{(00)}m_{202}^{(10)}m_{013}^{(11)}\\
&+m_{010}^{(00)}m_{202}^{(11)}m_{112}^{(21)} - 3m_{010}^{(00)}m_{202}^{(11)}m_{022}^{(20)} + 2m_{010}^{(00)}m_{202}^{(11)}m_{013}^{(10)} + m_{010}^{(00)}m_{202}^{(20)}m_{040}^{(22)}\\
&-4m_{010}^{(00)}m_{202}^{(20)}m_{031}^{(21)} + 3m_{010}^{(00)}m_{202}^{(20)}m_{022}^{(11)} - m_{010}^{(00)}m_{202}^{(21)}m_{130}^{(22)} - m_{010}^{(00)}m_{202}^{(21)}m_{112}^{(11)}\\
&+4m_{010}^{(00)}m_{202}^{(21)}m_{031}^{(20)} - 2m_{010}^{(00)}m_{202}^{(21)}m_{022}^{(10)} + m_{010}^{(00)}m_{202}^{(22)}m_{130}^{(21)} - m_{010}^{(00)}m_{202}^{(22)}m_{040}^{(20)}\\
&-m_{010}^{(00)}m_{130}^{(00)}m_{013}^{(22)} + m_{010}^{(00)}m_{130}^{(00)}m_{004}^{(21)} - 2m_{010}^{(00)}m_{130}^{(10)}m_{103}^{(22)} + 2m_{010}^{(00)}m_{130}^{(10)}m_{004}^{(20)}\\
&+2m_{010}^{(00)}m_{130}^{(20)}m_{112}^{(22)} - 2m_{010}^{(00)}m_{130}^{(20)}m_{004}^{(10)} - m_{010}^{(00)}m_{130}^{(21)}m_{004}^{(00)} - 2m_{010}^{(00)}m_{130}^{(22)}m_{112}^{(20)}\\
&+2m_{010}^{(00)}m_{130}^{(22)}m_{103}^{(10)} + m_{010}^{(00)}m_{130}^{(22)}m_{013}^{(00)} + m_{010}^{(00)}m_{121}^{(00)}m_{022}^{(22)} + m_{010}^{(00)}m_{121}^{(00)}m_{013}^{(21)}\\
&-2m_{010}^{(00)}m_{121}^{(00)}m_{004}^{(11)} + 2m_{010}^{(00)}m_{121}^{(10)}m_{112}^{(22)} + 4m_{010}^{(00)}m_{121}^{(10)}m_{103}^{(21)} - 6m_{010}^{(00)}m_{121}^{(10)}m_{013}^{(20)}\\
&-2m_{010}^{(00)}m_{121}^{(11)}m_{103}^{(20)} + 2m_{010}^{(00)}m_{121}^{(11)}m_{004}^{(00)} - 8m_{010}^{(00)}m_{121}^{(20)}m_{112}^{(21)} + 2m_{010}^{(00)}m_{121}^{(20)}m_{103}^{(11)}
\end{aligned}
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\begin{aligned}
&+6m_{010}^{(00)}m_{121}^{(20)}m_{013}^{(10)} + 8m_{010}^{(00)}m_{121}^{(21)}m_{112}^{(20)} - 4m_{010}^{(00)}m_{121}^{(21)}m_{103}^{(10)} - m_{010}^{(00)}m_{121}^{(21)}m_{013}^{(00)}\\
&-2m_{010}^{(00)}m_{121}^{(22)}m_{112}^{(10)} - m_{010}^{(00)}m_{121}^{(22)}m_{022}^{(00)} + m_{010}^{(00)}m_{112}^{(00)}m_{031}^{(22)} - 5m_{010}^{(00)}m_{112}^{(00)}m_{022}^{(21)}\\
&+4m_{010}^{(00)}m_{112}^{(00)}m_{013}^{(11)} - 4m_{010}^{(00)}m_{112}^{(10)}m_{103}^{(11)} + 6m_{010}^{(00)}m_{112}^{(10)}m_{022}^{(20)} + 4m_{010}^{(00)}m_{112}^{(11)}m_{103}^{(10)}\\
&-4m_{010}^{(00)}m_{112}^{(11)}m_{013}^{(00)} - 6m_{010}^{(00)}m_{112}^{(20)}m_{022}^{(10)} + 5m_{010}^{(00)}m_{112}^{(21)}m_{022}^{(00)} - m_{010}^{(00)}m_{112}^{(22)}m_{031}^{(00)}\\
&-m_{010}^{(00)}m_{103}^{(00)}m_{040}^{(22)} + 3m_{010}^{(00)}m_{103}^{(00)}m_{031}^{(21)} - 2m_{010}^{(00)}m_{103}^{(00)}m_{022}^{(11)} - 2m_{010}^{(00)}m_{103}^{(10)}m_{031}^{(20)}\\
&+2m_{010}^{(00)}m_{103}^{(11)}m_{022}^{(00)} + 2m_{010}^{(00)}m_{103}^{(20)}m_{031}^{(10)} - 3m_{010}^{(00)}m_{103}^{(21)}m_{031}^{(00)} + m_{010}^{(00)}m_{103}^{(22)}m_{040}^{(00)}\\
&-m_{010}^{(00)}m_{040}^{(00)}m_{004}^{(20)} + m_{010}^{(00)}m_{040}^{(20)}m_{004}^{(00)} + 2m_{010}^{(00)}m_{031}^{(00)}m_{013}^{(20)} + 2m_{010}^{(00)}m_{031}^{(00)}m_{004}^{(10)}\\
&-2m_{010}^{(00)}m_{031}^{(10)}m_{004}^{(00)} - 2m_{010}^{(00)}m_{031}^{(20)}m_{013}^{(00)} - 6m_{010}^{(00)}m_{022}^{(00)}m_{013}^{(10)} + 6m_{010}^{(00)}m_{022}^{(10)}m_{013}^{(00)}\\
&+m_{010}^{(10)}m_{400}^{(11)}m_{013}^{(22)} - m_{010}^{(10)}m_{400}^{(11)}m_{004}^{(21)} - m_{010}^{(10)}m_{400}^{(21)}m_{022}^{(22)} + m_{010}^{(10)}m_{400}^{(21)}m_{004}^{(11)}\\
&+m_{010}^{(10)}m_{400}^{(22)}m_{022}^{(21)} - m_{010}^{(10)}m_{400}^{(22)}m_{013}^{(11)} - 2m_{010}^{(10)}m_{310}^{(10)}m_{013}^{(22)} + 2m_{010}^{(10)}m_{310}^{(10)}m_{004}^{(21)}\\
&-m_{010}^{(10)}m_{310}^{(11)}m_{103}^{(22)} + m_{010}^{(10)}m_{310}^{(11)}m_{004}^{(20)} + m_{010}^{(10)}m_{310}^{(20)}m_{022}^{(22)} - m_{010}^{(10)}m_{310}^{(20)}m_{004}^{(11)}\\
&+2m_{010}^{(10)}m_{310}^{(21)}m_{112}^{(22)} - 2m_{010}^{(10)}m_{310}^{(21)}m_{004}^{(10)} - 2m_{010}^{(10)}m_{310}^{(22)}m_{112}^{(21)} + m_{010}^{(10)}m_{310}^{(22)}m_{103}^{(11)}\\
&-m_{010}^{(10)}m_{310}^{(22)}m_{022}^{(20)} + 2m_{010}^{(10)}m_{310}^{(22)}m_{013}^{(10)} + 2m_{010}^{(10)}m_{301}^{(10)}m_{013}^{(21)} - 2m_{010}^{(10)}m_{301}^{(10)}m_{004}^{(11)}\\
&-m_{010}^{(10)}m_{301}^{(11)}m_{112}^{(22)} + 2m_{010}^{(10)}m_{301}^{(11)}m_{103}^{(21)} - 3m_{010}^{(10)}m_{301}^{(11)}m_{013}^{(20)} + 2m_{010}^{(10)}m_{301}^{(11)}m_{004}^{(10)}\\
&+m_{010}^{(10)}m_{301}^{(20)}m_{031}^{(22)} - 4m_{010}^{(10)}m_{301}^{(20)}m_{022}^{(21)} + 3m_{010}^{(10)}m_{301}^{(20)}m_{013}^{(11)} - 2m_{010}^{(10)}m_{301}^{(21)}m_{103}^{(11)}\\
&+4m_{010}^{(10)}m_{301}^{(21)}m_{022}^{(20)} - 2m_{010}^{(10)}m_{301}^{(21)}m_{013}^{(10)} + m_{010}^{(10)}m_{301}^{(22)}m_{112}^{(11)} - m_{010}^{(10)}m_{301}^{(22)}m_{031}^{(20)}\\
&+m_{010}^{(10)}m_{220}^{(00)}m_{013}^{(22)} - m_{010}^{(10)}m_{220}^{(00)}m_{004}^{(21)} + 2m_{010}^{(10)}m_{220}^{(10)}m_{103}^{(22)} - 2m_{010}^{(10)}m_{220}^{(10)}m_{004}^{(20)}\\
&-2m_{010}^{(10)}m_{220}^{(20)}m_{112}^{(22)} + 2m_{010}^{(10)}m_{220}^{(20)}m_{004}^{(10)} - m_{010}^{(10)}m_{220}^{(21)}m_{202}^{(22)} + m_{010}^{(10)}m_{220}^{(21)}m_{004}^{(00)}\\
&+m_{010}^{(10)}m_{220}^{(22)}m_{202}^{(21)} + 2m_{010}^{(10)}m_{220}^{(22)}m_{112}^{(20)} - 2m_{010}^{(10)}m_{220}^{(22)}m_{103}^{(10)} - m_{010}^{(10)}m_{220}^{(22)}m_{013}^{(00)}\\
&-2m_{010}^{(10)}m_{211}^{(00)}m_{013}^{(21)} + 2m_{010}^{(10)}m_{211}^{(00)}m_{004}^{(11)} + 2m_{010}^{(10)}m_{211}^{(10)}m_{112}^{(22)} - 6m_{010}^{(10)}m_{211}^{(10)}m_{103}^{(21)}\\
&+4m_{010}^{(10)}m_{211}^{(10)}m_{013}^{(20)} + m_{010}^{(10)}m_{211}^{(11)}m_{202}^{(22)} + m_{010}^{(10)}m_{211}^{(11)}m_{103}^{(20)} - 2m_{010}^{(10)}m_{211}^{(11)}m_{004}^{(00)}\\
&-3m_{010}^{(10)}m_{211}^{(20)}m_{121}^{(22)} + 8m_{010}^{(10)}m_{211}^{(20)}m_{112}^{(21)} - m_{010}^{(10)}m_{211}^{(20)}m_{103}^{(11)} - 4m_{010}^{(10)}m_{211}^{(20)}m_{013}^{(10)}\\
&-8m_{010}^{(10)}m_{211}^{(21)}m_{112}^{(20)} + 6m_{010}^{(10)}m_{211}^{(21)}m_{103}^{(10)} + 2m_{010}^{(10)}m_{211}^{(21)}m_{013}^{(00)} - m_{010}^{(10)}m_{211}^{(22)}m_{202}^{(11)}\\
&+3m_{010}^{(10)}m_{211}^{(22)}m_{121}^{(20)} - 2m_{010}^{(10)}m_{211}^{(22)}m_{112}^{(10)} - m_{010}^{(10)}m_{202}^{(00)}m_{031}^{(22)} + 3m_{010}^{(10)}m_{202}^{(00)}m_{022}^{(21)}\\
&-2m_{010}^{(10)}m_{202}^{(00)}m_{013}^{(11)} + 2m_{010}^{(10)}m_{202}^{(10)}m_{121}^{(22)} - 6m_{010}^{(10)}m_{202}^{(10)}m_{112}^{(21)} + 6m_{010}^{(10)}m_{202}^{(10)}m_{103}^{(11)}\\
&-2m_{010}^{(10)}m_{202}^{(10)}m_{022}^{(20)} + 5m_{010}^{(10)}m_{202}^{(11)}m_{112}^{(20)} - 6m_{010}^{(10)}m_{202}^{(11)}m_{103}^{(10)} + 2m_{010}^{(10)}m_{202}^{(11)}m_{013}^{(00)}\\
&-m_{010}^{(10)}m_{202}^{(20)}m_{130}^{(22)} + 4m_{010}^{(10)}m_{202}^{(20)}m_{121}^{(21)} - 5m_{010}^{(10)}m_{202}^{(20)}m_{112}^{(11)} + 2m_{010}^{(10)}m_{202}^{(20)}m_{022}^{(10)}\\
&-4m_{010}^{(10)}m_{202}^{(21)}m_{121}^{(20)} + 6m_{010}^{(10)}m_{202}^{(21)}m_{112}^{(10)} - 3m_{010}^{(10)}m_{202}^{(21)}m_{022}^{(00)} + m_{010}^{(10)}m_{202}^{(22)}m_{130}^{(20)}\\
&-2m_{010}^{(10)}m_{202}^{(22)}m_{121}^{(10)} + m_{010}^{(10)}m_{202}^{(22)}m_{031}^{(00)} - m_{010}^{(10)}m_{130}^{(00)}m_{103}^{(22)} + m_{010}^{(10)}m_{130}^{(00)}m_{004}^{(20)}\\
&-m_{010}^{(10)}m_{130}^{(20)}m_{004}^{(00)} + m_{010}^{(10)}m_{130}^{(22)}m_{103}^{(00)} - m_{010}^{(10)}m_{121}^{(00)}m_{112}^{(22)} + 4m_{010}^{(10)}m_{121}^{(00)}m_{103}^{(21)}\\
&-m_{010}^{(10)}m_{121}^{(00)}m_{013}^{(20)} - 2m_{010}^{(10)}m_{121}^{(00)}m_{004}^{(10)} + 2m_{010}^{(10)}m_{121}^{(10)}m_{004}^{(00)} + m_{010}^{(10)}m_{121}^{(20)}m_{013}^{(00)}\\
&-4m_{010}^{(10)}m_{121}^{(21)}m_{103}^{(00)} + m_{010}^{(10)}m_{121}^{(22)}m_{112}^{(00)} - 4m_{010}^{(10)}m_{112}^{(00)}m_{103}^{(11)} - m_{010}^{(10)}m_{112}^{(00)}m_{022}^{(20)}\\
&+4m_{010}^{(10)}m_{112}^{(00)}m_{013}^{(10)} - 4m_{010}^{(10)}m_{112}^{(10)}m_{013}^{(00)} + 4m_{010}^{(10)}m_{112}^{(11)}m_{103}^{(00)} + m_{010}^{(10)}m_{112}^{(20)}m_{022}^{(00)}\\
&+m_{010}^{(10)}m_{103}^{(00)}m_{031}^{(20)} - 2m_{010}^{(10)}m_{103}^{(00)}m_{022}^{(10)} + 2m_{010}^{(10)}m_{103}^{(10)}m_{022}^{(00)} - m_{010}^{(10)}m_{103}^{(20)}m_{031}^{(00)}\\
&-m_{010}^{(20)}m_{400}^{(11)}m_{022}^{(22)} + m_{010}^{(20)}m_{400}^{(11)}m_{013}^{(21)} + m_{010}^{(20)}m_{400}^{(21)}m_{031}^{(22)} - m_{010}^{(20)}m_{400}^{(21)}m_{013}^{(11)}\\
&-m_{010}^{(20)}m_{400}^{(22)}m_{031}^{(21)} + m_{010}^{(20)}m_{400}^{(22)}m_{022}^{(11)} + m_{010}^{(20)}m_{310}^{(10)}m_{022}^{(22)} - m_{010}^{(20)}m_{310}^{(10)}m_{004}^{(11)}\\
&+4m_{010}^{(20)}m_{310}^{(11)}m_{112}^{(22)} - 3m_{010}^{(20)}m_{310}^{(11)}m_{103}^{(21)} - 2m_{010}^{(20)}m_{310}^{(11)}m_{013}^{(20)} + m_{010}^{(20)}m_{310}^{(11)}m_{004}^{(10)}\\
&-2m_{010}^{(20)}m_{310}^{(20)}m_{022}^{(21)} + 2m_{010}^{(20)}m_{310}^{(20)}m_{013}^{(11)} - 5m_{010}^{(20)}m_{310}^{(21)}m_{121}^{(22)} + 3m_{010}^{(20)}m_{310}^{(21)}m_{103}^{(11)}
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\begin{aligned}
&+2m_{010}^{(20)}m_{310}^{(21)}m_{022}^{(20)}+5m_{010}^{(20)}m_{310}^{(22)}m_{121}^{(21)}-4m_{010}^{(20)}m_{310}^{(22)}m_{112}^{(11)}-m_{010}^{(20)}m_{310}^{(22)}m_{022}^{(10)}\\
&+m_{010}^{(20)}m_{301}^{(10)}m_{031}^{(22)}-4m_{010}^{(20)}m_{301}^{(10)}m_{022}^{(21)}+3m_{010}^{(20)}m_{301}^{(10)}m_{013}^{(11)}-2m_{010}^{(20)}m_{301}^{(11)}m_{121}^{(22)}\\
&+m_{010}^{(20)}m_{301}^{(11)}m_{112}^{(21)}+4m_{010}^{(20)}m_{301}^{(11)}m_{022}^{(20)}-3m_{010}^{(20)}m_{301}^{(11)}m_{013}^{(10)}-2m_{010}^{(20)}m_{301}^{(20)}m_{040}^{(22)}\\
&+6m_{010}^{(20)}m_{301}^{(20)}m_{031}^{(21)}-4m_{010}^{(20)}m_{301}^{(20)}m_{022}^{(11)}+3m_{010}^{(20)}m_{301}^{(21)}m_{130}^{(22)}-m_{010}^{(20)}m_{301}^{(21)}m_{112}^{(11)}\\
&-6m_{010}^{(20)}m_{301}^{(21)}m_{031}^{(20)}+4m_{010}^{(20)}m_{301}^{(21)}m_{022}^{(10)}-3m_{010}^{(20)}m_{301}^{(22)}m_{130}^{(21)}+2m_{010}^{(20)}m_{301}^{(22)}m_{121}^{(11)}\\
&+2m_{010}^{(20)}m_{301}^{(22)}m_{040}^{(20)}-m_{010}^{(20)}m_{301}^{(22)}m_{031}^{(10)}-m_{010}^{(20)}m_{220}^{(00)}m_{013}^{(21)}+m_{010}^{(20)}m_{220}^{(00)}m_{004}^{(11)}\\
&-6m_{010}^{(20)}m_{220}^{(10)}m_{112}^{(22)}+4m_{010}^{(20)}m_{220}^{(10)}m_{103}^{(21)}+2m_{010}^{(20)}m_{220}^{(10)}m_{013}^{(20)}-3m_{010}^{(20)}m_{220}^{(11)}m_{202}^{(22)}\\
&+4m_{010}^{(20)}m_{220}^{(11)}m_{103}^{(20)}-m_{010}^{(20)}m_{220}^{(11)}m_{004}^{(00)}+2m_{010}^{(20)}m_{220}^{(20)}m_{121}^{(22)}+4m_{010}^{(20)}m_{220}^{(20)}m_{112}^{(21)}\\
&-4m_{010}^{(20)}m_{220}^{(20)}m_{103}^{(11)}-2m_{010}^{(20)}m_{220}^{(20)}m_{013}^{(10)}+7m_{010}^{(20)}m_{220}^{(21)}m_{211}^{(22)}-4m_{010}^{(20)}m_{220}^{(21)}m_{112}^{(20)}\\
&-4m_{010}^{(20)}m_{220}^{(21)}m_{103}^{(10)}+m_{010}^{(20)}m_{220}^{(21)}m_{013}^{(00)}-7m_{010}^{(20)}m_{220}^{(22)}m_{211}^{(21)}+3m_{010}^{(20)}m_{220}^{(22)}m_{202}^{(11)}\\
&-2m_{010}^{(20)}m_{220}^{(22)}m_{121}^{(20)}+6m_{010}^{(20)}m_{220}^{(22)}m_{112}^{(10)}-2m_{010}^{(20)}m_{211}^{(00)}m_{031}^{(22)}+6m_{010}^{(20)}m_{211}^{(00)}m_{022}^{(21)}\\
&-4m_{010}^{(20)}m_{211}^{(00)}m_{013}^{(11)}+5m_{010}^{(20)}m_{211}^{(10)}m_{121}^{(22)}-m_{010}^{(20)}m_{211}^{(10)}m_{103}^{(11)}-4m_{010}^{(20)}m_{211}^{(10)}m_{022}^{(20)}\\
&+5m_{010}^{(20)}m_{211}^{(11)}m_{202}^{(21)}-10m_{010}^{(20)}m_{211}^{(11)}m_{112}^{(20)}+m_{010}^{(20)}m_{211}^{(11)}m_{103}^{(10)}+4m_{010}^{(20)}m_{211}^{(11)}m_{013}^{(00)}\\
&+4m_{010}^{(20)}m_{211}^{(20)}m_{130}^{(22)}-18m_{010}^{(20)}m_{211}^{(20)}m_{121}^{(21)}+10m_{010}^{(20)}m_{211}^{(20)}m_{112}^{(11)}+4m_{010}^{(20)}m_{211}^{(20)}m_{022}^{(10)}\\
&-5m_{010}^{(20)}m_{211}^{(21)}m_{202}^{(11)}+18m_{010}^{(20)}m_{211}^{(21)}m_{121}^{(20)}-6m_{010}^{(20)}m_{211}^{(21)}m_{022}^{(00)}-4m_{010}^{(20)}m_{211}^{(22)}m_{130}^{(20)}\\
&-5m_{010}^{(20)}m_{211}^{(22)}m_{121}^{(10)}+2m_{010}^{(20)}m_{211}^{(22)}m_{031}^{(00)}+2m_{010}^{(20)}m_{202}^{(00)}m_{040}^{(22)}-5m_{010}^{(20)}m_{202}^{(00)}m_{031}^{(21)}\\
&+3m_{010}^{(20)}m_{202}^{(00)}m_{022}^{(11)}-5m_{010}^{(20)}m_{202}^{(10)}m_{130}^{(22)}+8m_{010}^{(20)}m_{202}^{(10)}m_{121}^{(21)}-5m_{010}^{(20)}m_{202}^{(10)}m_{112}^{(11)}\\
&+2m_{010}^{(20)}m_{202}^{(10)}m_{031}^{(20)}+5m_{010}^{(20)}m_{202}^{(11)}m_{112}^{(10)}-3m_{010}^{(20)}m_{202}^{(11)}m_{022}^{(00)}+2m_{010}^{(20)}m_{202}^{(20)}m_{130}^{(21)}\\
&-2m_{010}^{(20)}m_{202}^{(20)}m_{031}^{(10)}-2m_{010}^{(20)}m_{202}^{(21)}m_{130}^{(20)}-8m_{010}^{(20)}m_{202}^{(21)}m_{121}^{(10)}+5m_{010}^{(20)}m_{202}^{(21)}m_{031}^{(00)}\\
&+5m_{010}^{(20)}m_{202}^{(22)}m_{130}^{(10)}-2m_{010}^{(20)}m_{202}^{(22)}m_{040}^{(00)}+2m_{010}^{(20)}m_{130}^{(00)}m_{112}^{(22)}-m_{010}^{(20)}m_{130}^{(00)}m_{103}^{(21)}\\
&-m_{010}^{(20)}m_{130}^{(00)}m_{004}^{(10)}-6m_{010}^{(20)}m_{130}^{(10)}m_{103}^{(20)}+m_{010}^{(20)}m_{130}^{(10)}m_{004}^{(00)}+6m_{010}^{(20)}m_{130}^{(20)}m_{103}^{(10)}\\
&+m_{010}^{(20)}m_{130}^{(21)}m_{103}^{(00)}-2m_{010}^{(20)}m_{130}^{(22)}m_{112}^{(00)}-5m_{010}^{(20)}m_{121}^{(00)}m_{112}^{(21)}+2m_{010}^{(20)}m_{121}^{(00)}m_{103}^{(11)}\\
&-2m_{010}^{(20)}m_{121}^{(00)}m_{022}^{(20)}+5m_{010}^{(20)}m_{121}^{(00)}m_{013}^{(10)}+18m_{010}^{(20)}m_{121}^{(10)}m_{112}^{(20)}-5m_{010}^{(20)}m_{121}^{(10)}m_{013}^{(00)}\\
&-2m_{010}^{(20)}m_{121}^{(11)}m_{103}^{(00)}-18m_{010}^{(20)}m_{121}^{(20)}m_{112}^{(10)}+2m_{010}^{(20)}m_{121}^{(20)}m_{022}^{(00)}+5m_{010}^{(20)}m_{121}^{(21)}m_{112}^{(00)}\\
&+4m_{010}^{(20)}m_{112}^{(00)}m_{031}^{(20)}-7m_{010}^{(20)}m_{112}^{(00)}m_{022}^{(10)}+7m_{010}^{(20)}m_{112}^{(10)}m_{022}^{(00)}-4m_{010}^{(20)}m_{112}^{(20)}m_{031}^{(00)}\\
&-2m_{010}^{(20)}m_{103}^{(00)}m_{040}^{(20)}+3m_{010}^{(20)}m_{103}^{(00)}m_{031}^{(10)}-3m_{010}^{(20)}m_{103}^{(10)}m_{031}^{(00)}+2m_{010}^{(20)}m_{103}^{(20)}m_{040}^{(00)}\\
&+m_{010}^{(21)}m_{400}^{(10)}m_{022}^{(22)}-2m_{010}^{(21)}m_{400}^{(10)}m_{013}^{(21)}+m_{010}^{(21)}m_{400}^{(10)}m_{004}^{(11)}-2m_{010}^{(21)}m_{400}^{(11)}m_{112}^{(22)}\\
&+2m_{010}^{(21)}m_{400}^{(11)}m_{103}^{(21)}+m_{010}^{(21)}m_{400}^{(11)}m_{013}^{(20)}-m_{010}^{(21)}m_{400}^{(11)}m_{004}^{(10)}-m_{010}^{(21)}m_{400}^{(20)}m_{031}^{(22)}\\
&+2m_{010}^{(21)}m_{400}^{(20)}m_{022}^{(21)}-m_{010}^{(21)}m_{400}^{(20)}m_{013}^{(11)}+2m_{010}^{(21)}m_{400}^{(21)}m_{121}^{(22)}-2m_{010}^{(21)}m_{400}^{(21)}m_{103}^{(11)}\\
&-2m_{010}^{(21)}m_{400}^{(21)}m_{022}^{(20)}+2m_{010}^{(21)}m_{400}^{(21)}m_{013}^{(10)}-2m_{010}^{(21)}m_{400}^{(22)}m_{121}^{(21)}+2m_{010}^{(21)}m_{400}^{(22)}m_{112}^{(11)}\\
&+m_{010}^{(21)}m_{400}^{(22)}m_{031}^{(20)}-m_{010}^{(21)}m_{400}^{(22)}m_{022}^{(10)}-m_{010}^{(21)}m_{310}^{(00)}m_{022}^{(22)}+2m_{010}^{(21)}m_{310}^{(00)}m_{013}^{(21)}\\
&-m_{010}^{(21)}m_{310}^{(00)}m_{004}^{(11)}+2m_{010}^{(21)}m_{310}^{(10)}m_{112}^{(22)}-2m_{010}^{(21)}m_{310}^{(10)}m_{103}^{(21)}+2m_{010}^{(21)}m_{310}^{(11)}m_{202}^{(22)}\\
&-3m_{010}^{(21)}m_{310}^{(11)}m_{103}^{(20)}+m_{010}^{(21)}m_{310}^{(11)}m_{004}^{(00)}+m_{010}^{(21)}m_{310}^{(20)}m_{121}^{(22)}-4m_{010}^{(21)}m_{310}^{(20)}m_{112}^{(21)}\\
&+3m_{010}^{(21)}m_{310}^{(20)}m_{103}^{(11)}-4m_{010}^{(21)}m_{310}^{(21)}m_{211}^{(22)}+4m_{010}^{(21)}m_{310}^{(21)}m_{112}^{(20)}+2m_{010}^{(21)}m_{310}^{(21)}m_{103}^{(10)}\\
&-2m_{010}^{(21)}m_{310}^{(21)}m_{013}^{(00)}+4m_{010}^{(21)}m_{310}^{(22)}m_{211}^{(21)}-2m_{010}^{(21)}m_{310}^{(22)}m_{202}^{(11)}-m_{010}^{(21)}m_{310}^{(22)}m_{121}^{(20)}\\
&-2m_{010}^{(21)}m_{310}^{(22)}m_{112}^{(10)}+m_{010}^{(21)}m_{310}^{(22)}m_{022}^{(00)}+m_{010}^{(21)}m_{301}^{(00)}m_{031}^{(22)}-2m_{010}^{(21)}m_{301}^{(00)}m_{022}^{(21)}\\
&+m_{010}^{(21)}m_{301}^{(00)}m_{013}^{(11)}-4m_{010}^{(21)}m_{301}^{(10)}m_{121}^{(22)}+6m_{010}^{(21)}m_{301}^{(10)}m_{112}^{(21)}-2m_{010}^{(21)}m_{301}^{(10)}m_{103}^{(11)}\\
&+4m_{010}^{(21)}m_{301}^{(11)}m_{211}^{(22)}-6m_{010}^{(21)}m_{301}^{(11)}m_{202}^{(21)}+m_{010}^{(21)}m_{301}^{(11)}m_{112}^{(20)}+2m_{010}^{(21)}m_{301}^{(11)}m_{103}^{(10)}
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\begin{aligned}
&-m_{010}^{(21)} m_{301}^{(11)} m_{013}^{(00)} + m_{010}^{(21)} m_{301}^{(20)} m_{130}^{(22)} - m_{010}^{(21)} m_{301}^{(20)} m_{112}^{(11)} - 2m_{010}^{(21)} m_{301}^{(21)} m_{220}^{(22)} \\
&+6m_{010}^{(21)} m_{301}^{(21)} m_{202}^{(11)} - 6m_{010}^{(21)} m_{301}^{(21)} m_{112}^{(10)} + 2m_{010}^{(21)} m_{301}^{(21)} m_{022}^{(00)} + 2m_{010}^{(21)} m_{301}^{(22)} m_{220}^{(21)} \\
&-4m_{010}^{(21)} m_{301}^{(22)} m_{211}^{(11)} - m_{010}^{(21)} m_{301}^{(22)} m_{130}^{(20)} + 4m_{010}^{(21)} m_{301}^{(22)} m_{121}^{(10)} - m_{010}^{(21)} m_{301}^{(22)} m_{031}^{(00)} \\
&-m_{010}^{(21)} m_{220}^{(20)} m_{013}^{(20)} + m_{010}^{(21)} m_{220}^{(00)} m_{004}^{(10)} - 3m_{010}^{(21)} m_{220}^{(10)} m_{202}^{(22)} + 4m_{010}^{(21)} m_{220}^{(10)} m_{103}^{(20)} \\
&-m_{010}^{(21)} m_{220}^{(10)} m_{004}^{(00)} + m_{010}^{(21)} m_{220}^{(20)} m_{211}^{(22)} + 2m_{010}^{(21)} m_{220}^{(20)} m_{202}^{(21)} - 4m_{010}^{(21)} m_{220}^{(20)} m_{103}^{(10)} \\
&+m_{010}^{(21)} m_{220}^{(20)} m_{013}^{(00)} - 2m_{010}^{(21)} m_{220}^{(21)} m_{202}^{(20)} - m_{010}^{(21)} m_{220}^{(22)} m_{211}^{(20)} + 3m_{010}^{(21)} m_{220}^{(22)} m_{202}^{(10)} \\
&+m_{010}^{(21)} m_{211}^{(00)} m_{121}^{(22)} - 2m_{010}^{(21)} m_{211}^{(00)} m_{112}^{(21)} + m_{010}^{(21)} m_{211}^{(00)} m_{103}^{(11)} + 2m_{010}^{(21)} m_{211}^{(00)} m_{022}^{(20)} \\
&-2m_{010}^{(21)} m_{211}^{(00)} m_{013}^{(10)} + 6m_{010}^{(21)} m_{211}^{(10)} m_{202}^{(21)} - 8m_{010}^{(21)} m_{211}^{(10)} m_{112}^{(20)} + 2m_{010}^{(21)} m_{211}^{(10)} m_{013}^{(00)} \\
&+5m_{010}^{(21)} m_{211}^{(11)} m_{202}^{(20)} - m_{010}^{(21)} m_{211}^{(11)} m_{103}^{(00)} - 5m_{010}^{(21)} m_{211}^{(20)} m_{202}^{(11)} + 8m_{010}^{(21)} m_{211}^{(20)} m_{112}^{(10)} \\
&-2m_{010}^{(21)} m_{211}^{(20)} m_{022}^{(00)} - 6m_{010}^{(21)} m_{211}^{(21)} m_{202}^{(10)} + 2m_{010}^{(21)} m_{211}^{(21)} m_{112}^{(00)} - m_{010}^{(21)} m_{211}^{(22)} m_{121}^{(00)} \\
&-m_{010}^{(21)} m_{202}^{(00)} m_{130}^{(22)} + 2m_{010}^{(21)} m_{202}^{(00)} m_{121}^{(21)} - m_{010}^{(21)} m_{202}^{(00)} m_{112}^{(11)} - m_{010}^{(21)} m_{202}^{(00)} m_{031}^{(20)} \\
&+m_{010}^{(21)} m_{202}^{(00)} m_{022}^{(10)} + 4m_{010}^{(21)} m_{202}^{(10)} m_{121}^{(20)} - m_{010}^{(21)} m_{202}^{(10)} m_{022}^{(00)} + m_{010}^{(21)} m_{202}^{(11)} m_{112}^{(00)} \\
&-4m_{010}^{(21)} m_{202}^{(20)} m_{121}^{(10)} + m_{010}^{(21)} m_{202}^{(20)} m_{031}^{(00)} - 2m_{010}^{(21)} m_{202}^{(21)} m_{121}^{(00)} + m_{010}^{(21)} m_{202}^{(22)} m_{130}^{(00)} \\
&-m_{010}^{(21)} m_{130}^{(00)} m_{103}^{(20)} + m_{010}^{(21)} m_{130}^{(20)} m_{103}^{(00)} + 3m_{010}^{(21)} m_{121}^{(00)} m_{112}^{(20)} - 3m_{010}^{(21)} m_{121}^{(20)} m_{112}^{(00)} \\
&-m_{010}^{(22)} m_{400}^{(10)} m_{031}^{(22)} + 2m_{010}^{(22)} m_{400}^{(10)} m_{022}^{(21)} - m_{010}^{(22)} m_{400}^{(10)} m_{013}^{(11)} + 2m_{010}^{(22)} m_{400}^{(11)} m_{121}^{(22)} \\
&-2m_{010}^{(22)} m_{400}^{(11)} m_{112}^{(21)} - m_{010}^{(22)} m_{400}^{(11)} m_{022}^{(20)} + m_{010}^{(22)} m_{400}^{(11)} m_{013}^{(10)} + m_{010}^{(22)} m_{400}^{(20)} m_{040}^{(22)} \\
&-2m_{010}^{(22)} m_{400}^{(20)} m_{031}^{(21)} + m_{010}^{(22)} m_{400}^{(20)} m_{022}^{(11)} - 2m_{010}^{(22)} m_{400}^{(21)} m_{130}^{(22)} + 2m_{010}^{(22)} m_{400}^{(21)} m_{112}^{(11)} \\
&+2m_{010}^{(22)} m_{400}^{(21)} m_{031}^{(20)} - 2m_{010}^{(22)} m_{400}^{(22)} m_{022}^{(10)} + 2m_{010}^{(22)} m_{400}^{(22)} m_{130}^{(21)} - 2m_{010}^{(22)} m_{400}^{(22)} m_{121}^{(11)} \\
&-m_{010}^{(22)} m_{400}^{(22)} m_{040}^{(20)} + m_{010}^{(22)} m_{400}^{(22)} m_{031}^{(10)} + m_{010}^{(22)} m_{310}^{(00)} m_{031}^{(22)} - 2m_{010}^{(22)} m_{310}^{(00)} m_{022}^{(21)} \\
&+m_{010}^{(22)} m_{310}^{(00)} m_{013}^{(11)} - m_{010}^{(22)} m_{310}^{(10)} m_{121}^{(22)} + m_{010}^{(22)} m_{310}^{(10)} m_{103}^{(11)} - 4m_{010}^{(22)} m_{310}^{(11)} m_{211}^{(22)} \\
&+2m_{010}^{(22)} m_{310}^{(11)} m_{202}^{(21)} + 4m_{010}^{(22)} m_{310}^{(11)} m_{112}^{(20)} - m_{010}^{(22)} m_{310}^{(11)} m_{103}^{(10)} - m_{010}^{(22)} m_{310}^{(11)} m_{013}^{(00)} \\
&-2m_{010}^{(22)} m_{310}^{(20)} m_{130}^{(22)} + 6m_{010}^{(22)} m_{310}^{(20)} m_{121}^{(21)} - 4m_{010}^{(22)} m_{310}^{(20)} m_{112}^{(11)} + 6m_{010}^{(22)} m_{310}^{(21)} m_{220}^{(22)} \\
&-2m_{010}^{(22)} m_{310}^{(21)} m_{202}^{(11)} - 6m_{010}^{(22)} m_{310}^{(21)} m_{121}^{(20)} + 2m_{010}^{(22)} m_{310}^{(21)} m_{022}^{(00)} - 6m_{010}^{(22)} m_{310}^{(22)} m_{220}^{(21)} \\
&+4m_{010}^{(22)} m_{310}^{(22)} m_{211}^{(11)} + 2m_{010}^{(22)} m_{310}^{(22)} m_{130}^{(20)} + m_{010}^{(22)} m_{310}^{(22)} m_{121}^{(10)} - m_{010}^{(22)} m_{310}^{(22)} m_{031}^{(00)} \\
&-m_{010}^{(22)} m_{301}^{(00)} m_{040}^{(22)} + 2m_{010}^{(22)} m_{301}^{(00)} m_{031}^{(21)} - m_{010}^{(22)} m_{301}^{(00)} m_{022}^{(11)} + 3m_{010}^{(22)} m_{301}^{(10)} m_{130}^{(22)} \\
&-4m_{010}^{(22)} m_{301}^{(10)} m_{121}^{(21)} + m_{010}^{(22)} m_{301}^{(10)} m_{112}^{(11)} - 2m_{010}^{(22)} m_{301}^{(11)} m_{220}^{(22)} + 4m_{010}^{(22)} m_{301}^{(11)} m_{211}^{(21)} \\
&-2m_{010}^{(22)} m_{301}^{(11)} m_{121}^{(20)} - m_{010}^{(22)} m_{301}^{(11)} m_{112}^{(10)} + m_{010}^{(22)} m_{301}^{(11)} m_{022}^{(00)} - 2m_{010}^{(22)} m_{301}^{(20)} m_{130}^{(21)} \\
&+2m_{010}^{(22)} m_{301}^{(20)} m_{121}^{(11)} - 4m_{010}^{(22)} m_{301}^{(21)} m_{211}^{(11)} + 2m_{010}^{(22)} m_{301}^{(21)} m_{130}^{(20)} + 4m_{010}^{(22)} m_{301}^{(21)} m_{121}^{(10)} \\
&-2m_{010}^{(22)} m_{301}^{(21)} m_{031}^{(00)} + 2m_{010}^{(22)} m_{301}^{(22)} m_{220}^{(11)} - 3m_{010}^{(22)} m_{301}^{(22)} m_{130}^{(10)} + m_{010}^{(22)} m_{301}^{(22)} m_{040}^{(00)} \\
&-m_{010}^{(22)} m_{220}^{(00)} m_{121}^{(22)} + 2m_{010}^{(22)} m_{220}^{(00)} m_{112}^{(21)} - m_{010}^{(22)} m_{220}^{(00)} m_{103}^{(11)} + m_{010}^{(22)} m_{220}^{(00)} m_{022}^{(20)} \\
&-m_{010}^{(22)} m_{220}^{(00)} m_{013}^{(10)} + 5m_{010}^{(22)} m_{220}^{(10)} m_{211}^{(22)} - 2m_{010}^{(22)} m_{220}^{(10)} m_{202}^{(21)} - 4m_{010}^{(22)} m_{220}^{(10)} m_{112}^{(20)} \\
&+m_{010}^{(22)} m_{220}^{(10)} m_{013}^{(00)} - 3m_{010}^{(22)} m_{220}^{(11)} m_{202}^{(20)} + m_{010}^{(22)} m_{220}^{(11)} m_{103}^{(00)} - 6m_{010}^{(22)} m_{220}^{(20)} m_{211}^{(21)} \\
&+3m_{010}^{(22)} m_{220}^{(20)} m_{202}^{(11)} + 4m_{010}^{(22)} m_{220}^{(20)} m_{112}^{(10)} - m_{010}^{(22)} m_{220}^{(20)} m_{022}^{(00)} + 6m_{010}^{(22)} m_{220}^{(21)} m_{211}^{(20)} \\
&+2m_{010}^{(22)} m_{220}^{(21)} m_{202}^{(10)} - 2m_{010}^{(22)} m_{220}^{(21)} m_{112}^{(00)} - 5m_{010}^{(22)} m_{220}^{(22)} m_{211}^{(10)} + m_{010}^{(22)} m_{220}^{(22)} m_{121}^{(00)} \\
&+m_{010}^{(22)} m_{211}^{(00)} m_{130}^{(22)} - 2m_{010}^{(22)} m_{211}^{(00)} m_{121}^{(21)} + m_{010}^{(22)} m_{211}^{(00)} m_{112}^{(11)} - 2m_{010}^{(22)} m_{211}^{(00)} m_{031}^{(20)} \\
&+2m_{010}^{(22)} m_{211}^{(00)} m_{022}^{(10)} - m_{010}^{(22)} m_{211}^{(10)} m_{202}^{(11)} + 8m_{010}^{(22)} m_{211}^{(10)} m_{121}^{(20)} - 2m_{010}^{(22)} m_{211}^{(10)} m_{022}^{(00)} \\
&+m_{010}^{(22)} m_{211}^{(11)} m_{202}^{(10)} - m_{010}^{(22)} m_{211}^{(11)} m_{112}^{(00)} - 8m_{010}^{(22)} m_{211}^{(20)} m_{121}^{(10)} + 2m_{010}^{(22)} m_{211}^{(20)} m_{031}^{(00)} \\
&+2m_{010}^{(22)} m_{211}^{(21)} m_{121}^{(00)} - m_{010}^{(22)} m_{211}^{(22)} m_{130}^{(00)} + m_{010}^{(22)} m_{202}^{(00)} m_{040}^{(20)} - m_{010}^{(22)} m_{202}^{(00)} m_{031}^{(10)}
\end{aligned}
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\begin{aligned}
&-4m_{010}^{(22)}m_{202}^{(10)}m_{130}^{(20)}+m_{010}^{(22)}m_{202}^{(10)}m_{031}^{(00)}+4m_{010}^{(22)}m_{202}^{(20)}m_{130}^{(10)}-m_{010}^{(22)}m_{202}^{(20)}m_{040}^{(00)}\\
&+m_{010}^{(22)}m_{130}^{(00)}m_{103}^{(10)}-m_{010}^{(22)}m_{130}^{(10)}m_{103}^{(00)}-3m_{010}^{(22)}m_{121}^{(00)}m_{112}^{(10)}+3m_{010}^{(22)}m_{121}^{(10)}m_{112}^{(00)}\\
&+m_{001}^{(00)}m_{310}^{(11)}m_{022}^{(22)}-m_{001}^{(00)}m_{310}^{(11)}m_{013}^{(21)}-m_{001}^{(00)}m_{310}^{(21)}m_{031}^{(22)}+m_{001}^{(00)}m_{310}^{(21)}m_{013}^{(11)}\\
&+m_{001}^{(00)}m_{310}^{(22)}m_{031}^{(21)}-m_{001}^{(00)}m_{310}^{(22)}m_{022}^{(11)}-m_{001}^{(00)}m_{301}^{(11)}m_{031}^{(22)}+m_{001}^{(00)}m_{301}^{(11)}m_{022}^{(21)}\\
&+m_{001}^{(00)}m_{301}^{(21)}m_{040}^{(22)}-m_{001}^{(00)}m_{301}^{(21)}m_{022}^{(11)}-m_{001}^{(00)}m_{301}^{(22)}m_{040}^{(21)}+m_{001}^{(00)}m_{301}^{(22)}m_{031}^{(11)}\\
&-3m_{001}^{(00)}m_{220}^{(10)}m_{022}^{(22)}+4m_{001}^{(00)}m_{220}^{(10)}m_{013}^{(21)}-m_{001}^{(00)}m_{220}^{(10)}m_{004}^{(11)}-m_{001}^{(00)}m_{220}^{(11)}m_{103}^{(21)}\\
&+m_{001}^{(00)}m_{220}^{(11)}m_{004}^{(10)}+2m_{001}^{(00)}m_{220}^{(20)}m_{031}^{(22)}-2m_{001}^{(00)}m_{220}^{(20)}m_{022}^{(21)}+m_{001}^{(00)}m_{220}^{(21)}m_{121}^{(22)}\\
&+m_{001}^{(00)}m_{220}^{(21)}m_{103}^{(11)}+2m_{001}^{(00)}m_{220}^{(21)}m_{022}^{(20)}-4m_{001}^{(00)}m_{220}^{(21)}m_{013}^{(10)}-m_{001}^{(00)}m_{220}^{(22)}m_{121}^{(21)}\\
&-2m_{001}^{(00)}m_{220}^{(22)}m_{031}^{(20)}+3m_{001}^{(00)}m_{220}^{(22)}m_{022}^{(10)}+4m_{001}^{(00)}m_{211}^{(10)}m_{031}^{(22)}-4m_{001}^{(00)}m_{211}^{(10)}m_{022}^{(21)}\\
&-m_{001}^{(00)}m_{211}^{(11)}m_{121}^{(22)}+3m_{001}^{(00)}m_{211}^{(11)}m_{112}^{(21)}-2m_{001}^{(00)}m_{211}^{(11)}m_{022}^{(20)}-2m_{001}^{(00)}m_{211}^{(20)}m_{040}^{(22)}\\
&+2m_{001}^{(00)}m_{211}^{(20)}m_{022}^{(11)}-m_{001}^{(00)}m_{211}^{(21)}m_{130}^{(22)}-3m_{001}^{(00)}m_{211}^{(21)}m_{112}^{(11)}+4m_{001}^{(00)}m_{211}^{(21)}m_{022}^{(10)}\\
&+m_{001}^{(00)}m_{211}^{(22)}m_{130}^{(21)}+m_{001}^{(00)}m_{211}^{(22)}m_{121}^{(11)}+2m_{001}^{(00)}m_{211}^{(22)}m_{040}^{(20)}-4m_{001}^{(00)}m_{211}^{(22)}m_{031}^{(10)}\\
&-m_{001}^{(00)}m_{202}^{(10)}m_{040}^{(22)}+m_{001}^{(00)}m_{202}^{(10)}m_{022}^{(11)}+m_{001}^{(00)}m_{202}^{(11)}m_{130}^{(22)}-2m_{001}^{(00)}m_{202}^{(11)}m_{121}^{(21)}\\
&+2m_{001}^{(00)}m_{202}^{(11)}m_{031}^{(20)}-m_{001}^{(00)}m_{202}^{(11)}m_{022}^{(10)}+2m_{001}^{(00)}m_{202}^{(20)}m_{040}^{(21)}-2m_{001}^{(00)}m_{202}^{(20)}m_{031}^{(11)}\\
&+2m_{001}^{(00)}m_{202}^{(21)}m_{121}^{(11)}-2m_{001}^{(00)}m_{202}^{(21)}m_{040}^{(20)}-m_{001}^{(00)}m_{202}^{(22)}m_{130}^{(11)}+m_{001}^{(00)}m_{202}^{(22)}m_{040}^{(10)}\\
&+2m_{001}^{(00)}m_{130}^{(00)}m_{022}^{(22)}-3m_{001}^{(00)}m_{130}^{(00)}m_{013}^{(21)}+m_{001}^{(00)}m_{130}^{(00)}m_{004}^{(11)}+2m_{001}^{(00)}m_{130}^{(10)}m_{112}^{(22)}\\
&-2m_{001}^{(00)}m_{130}^{(10)}m_{013}^{(20)}+2m_{001}^{(00)}m_{130}^{(11)}m_{103}^{(20)}-m_{001}^{(00)}m_{130}^{(11)}m_{004}^{(00)}-4m_{001}^{(00)}m_{130}^{(20)}m_{121}^{(22)}\\
&+4m_{001}^{(00)}m_{130}^{(20)}m_{112}^{(21)}-2m_{001}^{(00)}m_{130}^{(20)}m_{103}^{(11)}+2m_{001}^{(00)}m_{130}^{(20)}m_{013}^{(10)}-4m_{001}^{(00)}m_{130}^{(21)}m_{112}^{(20)}\\
&+3m_{001}^{(00)}m_{130}^{(21)}m_{013}^{(00)}+4m_{001}^{(00)}m_{130}^{(22)}m_{121}^{(20)}-2m_{001}^{(00)}m_{130}^{(22)}m_{112}^{(10)}-2m_{001}^{(00)}m_{130}^{(22)}m_{022}^{(00)}\\
&-4m_{001}^{(00)}m_{121}^{(00)}m_{031}^{(22)}+5m_{001}^{(00)}m_{121}^{(00)}m_{022}^{(21)}-m_{001}^{(00)}m_{121}^{(00)}m_{013}^{(11)}-8m_{001}^{(00)}m_{121}^{(10)}m_{112}^{(21)}\\
&+2m_{001}^{(00)}m_{121}^{(10)}m_{103}^{(11)}+6m_{001}^{(00)}m_{121}^{(10)}m_{022}^{(20)}-2m_{001}^{(00)}m_{121}^{(11)}m_{112}^{(20)}-2m_{001}^{(00)}m_{121}^{(11)}m_{103}^{(10)}\\
&+m_{001}^{(00)}m_{121}^{(11)}m_{013}^{(00)}+2m_{001}^{(00)}m_{121}^{(20)}m_{112}^{(11)}-6m_{001}^{(00)}m_{121}^{(20)}m_{022}^{(10)}+8m_{001}^{(00)}m_{121}^{(21)}m_{112}^{(10)}\\
&-5m_{001}^{(00)}m_{121}^{(21)}m_{022}^{(00)}+4m_{001}^{(00)}m_{121}^{(22)}m_{031}^{(00)}+2m_{001}^{(00)}m_{112}^{(00)}m_{040}^{(22)}-m_{001}^{(00)}m_{112}^{(00)}m_{031}^{(21)}\\
&-m_{001}^{(00)}m_{112}^{(00)}m_{022}^{(11)}-6m_{001}^{(00)}m_{112}^{(10)}m_{031}^{(20)}+m_{001}^{(00)}m_{112}^{(11)}m_{022}^{(00)}+6m_{001}^{(00)}m_{112}^{(20)}m_{031}^{(10)}\\
&+m_{001}^{(00)}m_{112}^{(21)}m_{031}^{(00)}-2m_{001}^{(00)}m_{112}^{(22)}m_{040}^{(00)}-m_{001}^{(00)}m_{103}^{(00)}m_{040}^{(21)}+m_{001}^{(00)}m_{103}^{(00)}m_{031}^{(11)}\\
&+2m_{001}^{(00)}m_{103}^{(10)}m_{040}^{(20)}-m_{001}^{(00)}m_{103}^{(11)}m_{031}^{(00)}-2m_{001}^{(00)}m_{103}^{(20)}m_{040}^{(10)}+m_{001}^{(00)}m_{103}^{(21)}m_{040}^{(00)}\\
&+2m_{001}^{(00)}m_{040}^{(00)}m_{013}^{(20)}-m_{001}^{(00)}m_{040}^{(00)}m_{004}^{(10)}+m_{001}^{(00)}m_{040}^{(10)}m_{004}^{(00)}-2m_{001}^{(00)}m_{040}^{(20)}m_{013}^{(00)}\\
&-6m_{001}^{(00)}m_{031}^{(00)}m_{022}^{(20)}+2m_{001}^{(00)}m_{031}^{(00)}m_{013}^{(10)}-2m_{001}^{(00)}m_{031}^{(10)}m_{013}^{(00)}+6m_{001}^{(00)}m_{031}^{(20)}m_{022}^{(00)}\\
&-m_{001}^{(10)}m_{400}^{(11)}m_{022}^{(22)}+m_{001}^{(10)}m_{400}^{(11)}m_{013}^{(21)}+m_{001}^{(10)}m_{400}^{(21)}m_{031}^{(22)}-m_{001}^{(10)}m_{400}^{(21)}m_{013}^{(11)}\\
&-m_{001}^{(10)}m_{400}^{(22)}m_{031}^{(21)}+m_{001}^{(10)}m_{400}^{(22)}m_{022}^{(11)}+4m_{001}^{(10)}m_{310}^{(10)}m_{022}^{(22)}-6m_{001}^{(10)}m_{310}^{(10)}m_{013}^{(21)}\\
&+2m_{001}^{(10)}m_{310}^{(10)}m_{004}^{(11)}-2m_{001}^{(10)}m_{310}^{(11)}m_{112}^{(22)}+3m_{001}^{(10)}m_{310}^{(11)}m_{103}^{(21)}+m_{001}^{(10)}m_{310}^{(11)}m_{013}^{(20)}\\
&-2m_{001}^{(10)}m_{310}^{(11)}m_{004}^{(10)}-3m_{001}^{(10)}m_{310}^{(20)}m_{031}^{(22)}+4m_{001}^{(10)}m_{310}^{(20)}m_{022}^{(21)}-m_{001}^{(10)}m_{310}^{(20)}m_{013}^{(11)}\\
&+m_{001}^{(10)}m_{310}^{(21)}m_{121}^{(22)}-3m_{001}^{(10)}m_{310}^{(21)}m_{103}^{(11)}-4m_{001}^{(10)}m_{310}^{(21)}m_{022}^{(20)}+6m_{001}^{(10)}m_{310}^{(21)}m_{013}^{(10)}\\
&-m_{001}^{(10)}m_{310}^{(22)}m_{121}^{(21)}+2m_{001}^{(10)}m_{310}^{(22)}m_{112}^{(11)}+3m_{001}^{(10)}m_{310}^{(22)}m_{031}^{(20)}-4m_{001}^{(10)}m_{310}^{(22)}m_{022}^{(10)}\\
&-2m_{001}^{(10)}m_{301}^{(10)}m_{031}^{(22)}+2m_{001}^{(10)}m_{301}^{(10)}m_{022}^{(21)}+4m_{001}^{(10)}m_{301}^{(11)}m_{121}^{(22)}-5m_{001}^{(10)}m_{301}^{(11)}m_{112}^{(21)}\\
&+m_{001}^{(10)}m_{301}^{(11)}m_{022}^{(20)}+m_{001}^{(10)}m_{301}^{(20)}m_{040}^{(22)}-m_{001}^{(10)}m_{301}^{(20)}m_{022}^{(11)}-3m_{001}^{(10)}m_{301}^{(21)}m_{130}^{(22)}\\
&+5m_{001}^{(10)}m_{301}^{(21)}m_{112}^{(11)}-2m_{001}^{(10)}m_{301}^{(21)}m_{022}^{(10)}+3m_{001}^{(10)}m_{301}^{(22)}m_{130}^{(21)}-4m_{001}^{(10)}m_{301}^{(22)}m_{121}^{(11)}\\
&-m_{001}^{(10)}m_{301}^{(22)}m_{040}^{(20)}+2m_{001}^{(10)}m_{301}^{(22)}m_{031}^{(10)}-3m_{001}^{(10)}m_{220}^{(00)}m_{022}^{(22)}+5m_{001}^{(10)}m_{220}^{(00)}m_{013}^{(21)}
\end{aligned}
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\begin{aligned}
&-2m_{001}^{(10)}m_{220}^{(00)}m_{004}^{(11)} - 2m_{001}^{(10)}m_{220}^{(10)}m_{103}^{(21)} + 2m_{001}^{(10)}m_{220}^{(10)}m_{013}^{(20)} + 3m_{001}^{(10)}m_{220}^{(11)}m_{202}^{(22)}\\
&-5m_{001}^{(10)}m_{220}^{(11)}m_{103}^{(20)} + 2m_{001}^{(10)}m_{220}^{(11)}m_{004}^{(00)} + 5m_{001}^{(10)}m_{220}^{(20)}m_{121}^{(22)} - 8m_{001}^{(10)}m_{220}^{(20)}m_{112}^{(21)}\\
&+5m_{001}^{(10)}m_{220}^{(20)}m_{103}^{(11)} - 2m_{001}^{(10)}m_{220}^{(20)}m_{013}^{(10)} - 5m_{001}^{(10)}m_{220}^{(21)}m_{211}^{(22)} + 8m_{001}^{(10)}m_{220}^{(21)}m_{112}^{(20)}\\
&+2m_{001}^{(10)}m_{220}^{(21)}m_{103}^{(10)} - 5m_{001}^{(10)}m_{220}^{(21)}m_{013}^{(00)} + 5m_{001}^{(10)}m_{220}^{(22)}m_{211}^{(21)} - 3m_{001}^{(10)}m_{220}^{(22)}m_{202}^{(11)}\\
&-5m_{001}^{(10)}m_{220}^{(22)}m_{121}^{(20)} + 3m_{001}^{(10)}m_{220}^{(22)}m_{022}^{(00)} + 4m_{001}^{(10)}m_{211}^{(00)}m_{031}^{(22)} - 6m_{001}^{(10)}m_{211}^{(00)}m_{022}^{(21)}\\
&+2m_{001}^{(10)}m_{211}^{(00)}m_{013}^{(11)} - 10m_{001}^{(10)}m_{211}^{(10)}m_{121}^{(22)} + 18m_{001}^{(10)}m_{211}^{(10)}m_{112}^{(21)} - 4m_{001}^{(10)}m_{211}^{(10)}m_{103}^{(11)}\\
&-4m_{001}^{(10)}m_{211}^{(10)}m_{022}^{(20)} - 7m_{001}^{(10)}m_{211}^{(11)}m_{202}^{(21)} + 5m_{001}^{(10)}m_{211}^{(11)}m_{112}^{(20)} + 4m_{001}^{(10)}m_{211}^{(11)}m_{103}^{(10)}\\
&-2m_{001}^{(10)}m_{211}^{(11)}m_{013}^{(00)} + m_{001}^{(10)}m_{211}^{(20)}m_{130}^{(22)} - 5m_{001}^{(10)}m_{211}^{(20)}m_{112}^{(11)} + 4m_{001}^{(10)}m_{211}^{(20)}m_{022}^{(10)}\\
&+7m_{001}^{(10)}m_{211}^{(21)}m_{202}^{(11)} - 18m_{001}^{(10)}m_{211}^{(21)}m_{112}^{(10)} + 6m_{001}^{(10)}m_{211}^{(21)}m_{022}^{(00)} - m_{001}^{(10)}m_{211}^{(22)}m_{130}^{(20)}\\
&+10m_{001}^{(10)}m_{211}^{(22)}m_{121}^{(10)} - 4m_{001}^{(10)}m_{211}^{(22)}m_{031}^{(00)} - m_{001}^{(10)}m_{202}^{(00)}m_{040}^{(22)} + m_{001}^{(10)}m_{202}^{(00)}m_{031}^{(21)}\\
&+4m_{001}^{(10)}m_{202}^{(10)}m_{130}^{(22)} - 4m_{001}^{(10)}m_{202}^{(10)}m_{121}^{(21)} - 2m_{001}^{(10)}m_{202}^{(10)}m_{112}^{(11)} + 2m_{001}^{(10)}m_{202}^{(10)}m_{031}^{(20)}\\
&-6m_{001}^{(10)}m_{202}^{(11)}m_{121}^{(20)} + 2m_{001}^{(10)}m_{202}^{(11)}m_{112}^{(10)} - 4m_{001}^{(10)}m_{202}^{(20)}m_{130}^{(21)} + 6m_{001}^{(10)}m_{202}^{(20)}m_{121}^{(11)}\\
&-2m_{001}^{(10)}m_{202}^{(20)}m_{031}^{(10)} + 4m_{001}^{(10)}m_{202}^{(21)}m_{130}^{(20)} + 4m_{001}^{(10)}m_{202}^{(21)}m_{121}^{(10)} - m_{001}^{(10)}m_{202}^{(21)}m_{031}^{(00)}\\
&-4m_{001}^{(10)}m_{202}^{(22)}m_{130}^{(10)} + m_{001}^{(10)}m_{202}^{(22)}m_{040}^{(00)} + 2m_{001}^{(10)}m_{130}^{(00)}m_{112}^{(22)} - m_{001}^{(10)}m_{130}^{(00)}m_{103}^{(21)}\\
&-3m_{001}^{(10)}m_{130}^{(00)}m_{013}^{(20)} + 2m_{001}^{(10)}m_{130}^{(00)}m_{004}^{(10)} + 6m_{001}^{(10)}m_{130}^{(10)}m_{103}^{(20)} - 2m_{001}^{(10)}m_{130}^{(10)}m_{004}^{(00)}\\
&-6m_{001}^{(10)}m_{130}^{(20)}m_{103}^{(10)} + 3m_{001}^{(10)}m_{130}^{(20)}m_{013}^{(00)} + m_{001}^{(10)}m_{130}^{(21)}m_{103}^{(00)} - 2m_{001}^{(10)}m_{130}^{(22)}m_{112}^{(00)}\\
&-5m_{001}^{(10)}m_{121}^{(00)}m_{112}^{(21)} + 2m_{001}^{(10)}m_{121}^{(00)}m_{103}^{(11)} + 7m_{001}^{(10)}m_{121}^{(00)}m_{022}^{(20)} - 4m_{001}^{(10)}m_{121}^{(00)}m_{013}^{(10)}\\
&-18m_{001}^{(10)}m_{121}^{(10)}m_{112}^{(20)} + 4m_{001}^{(10)}m_{121}^{(10)}m_{013}^{(00)} - 2m_{001}^{(10)}m_{121}^{(11)}m_{103}^{(00)} + 18m_{001}^{(10)}m_{121}^{(20)}m_{112}^{(10)}\\
&-7m_{001}^{(10)}m_{121}^{(20)}m_{022}^{(00)} + 5m_{001}^{(10)}m_{121}^{(21)}m_{112}^{(00)} - 5m_{001}^{(10)}m_{112}^{(00)}m_{031}^{(20)} + 2m_{001}^{(10)}m_{112}^{(00)}m_{022}^{(10)}\\
&-2m_{001}^{(10)}m_{112}^{(10)}m_{022}^{(00)} + 5m_{001}^{(10)}m_{112}^{(20)}m_{031}^{(00)} + m_{001}^{(10)}m_{103}^{(00)}m_{040}^{(20)} - m_{001}^{(10)}m_{103}^{(20)}m_{040}^{(00)}\\
&-m_{001}^{(11)}m_{400}^{(10)}m_{022}^{(22)} + 2m_{001}^{(11)}m_{400}^{(10)}m_{013}^{(21)} - m_{001}^{(11)}m_{400}^{(10)}m_{004}^{(11)} + 2m_{001}^{(11)}m_{400}^{(11)}m_{112}^{(22)}\\
&-2m_{001}^{(11)}m_{400}^{(11)}m_{103}^{(21)} - m_{001}^{(11)}m_{400}^{(11)}m_{013}^{(20)} + m_{001}^{(11)}m_{400}^{(11)}m_{004}^{(10)} + m_{001}^{(11)}m_{400}^{(20)}m_{031}^{(22)}\\
&-2m_{001}^{(11)}m_{400}^{(20)}m_{022}^{(21)} + m_{001}^{(11)}m_{400}^{(20)}m_{013}^{(11)} - 2m_{001}^{(11)}m_{400}^{(21)}m_{121}^{(22)} + 2m_{001}^{(11)}m_{400}^{(21)}m_{103}^{(11)}\\
&+2m_{001}^{(11)}m_{400}^{(21)}m_{022}^{(20)} - 2m_{001}^{(11)}m_{400}^{(21)}m_{013}^{(10)} + 2m_{001}^{(11)}m_{400}^{(22)}m_{121}^{(21)} - 2m_{001}^{(11)}m_{400}^{(22)}m_{112}^{(11)}\\
&-m_{001}^{(11)}m_{400}^{(22)}m_{031}^{(20)} + m_{001}^{(11)}m_{400}^{(22)}m_{022}^{(10)} + m_{001}^{(11)}m_{310}^{(00)}m_{022}^{(22)} - 2m_{001}^{(11)}m_{310}^{(00)}m_{013}^{(21)}\\
&+m_{001}^{(11)}m_{310}^{(00)}m_{004}^{(11)} - 2m_{001}^{(11)}m_{310}^{(10)}m_{112}^{(22)} + 2m_{001}^{(11)}m_{310}^{(10)}m_{103}^{(21)} - 2m_{001}^{(11)}m_{310}^{(11)}m_{202}^{(22)}\\
&+3m_{001}^{(11)}m_{310}^{(11)}m_{103}^{(20)} - m_{001}^{(11)}m_{310}^{(11)}m_{004}^{(00)} - m_{001}^{(11)}m_{310}^{(20)}m_{121}^{(22)} + 4m_{001}^{(11)}m_{310}^{(20)}m_{112}^{(21)}\\
&-3m_{001}^{(11)}m_{310}^{(20)}m_{103}^{(11)} + 4m_{001}^{(11)}m_{310}^{(21)}m_{211}^{(22)} - 4m_{001}^{(11)}m_{310}^{(21)}m_{112}^{(20)} - 2m_{001}^{(11)}m_{310}^{(21)}m_{103}^{(10)}\\
&+2m_{001}^{(11)}m_{310}^{(21)}m_{013}^{(00)} - 4m_{001}^{(11)}m_{310}^{(22)}m_{211}^{(21)} + 2m_{001}^{(11)}m_{310}^{(22)}m_{202}^{(11)} + m_{001}^{(11)}m_{310}^{(22)}m_{121}^{(20)}\\
&+2m_{001}^{(11)}m_{310}^{(22)}m_{112}^{(10)} - m_{001}^{(11)}m_{310}^{(22)}m_{022}^{(00)} - m_{001}^{(11)}m_{301}^{(00)}m_{031}^{(22)} + 2m_{001}^{(11)}m_{301}^{(00)}m_{022}^{(21)}\\
&-m_{001}^{(11)}m_{301}^{(00)}m_{013}^{(11)} + 4m_{001}^{(11)}m_{301}^{(10)}m_{121}^{(22)} - 6m_{001}^{(11)}m_{301}^{(10)}m_{112}^{(21)} + 2m_{001}^{(11)}m_{301}^{(10)}m_{103}^{(11)}\\
&-4m_{001}^{(11)}m_{301}^{(11)}m_{211}^{(22)} + 6m_{001}^{(11)}m_{301}^{(11)}m_{202}^{(21)} - m_{001}^{(11)}m_{301}^{(11)}m_{112}^{(20)} - 2m_{001}^{(11)}m_{301}^{(11)}m_{103}^{(10)}\\
&+m_{001}^{(11)}m_{301}^{(11)}m_{013}^{(00)} - m_{001}^{(11)}m_{301}^{(20)}m_{130}^{(22)} + m_{001}^{(11)}m_{301}^{(20)}m_{112}^{(11)} + 2m_{001}^{(11)}m_{301}^{(21)}m_{220}^{(22)}\\
&-6m_{001}^{(11)}m_{301}^{(21)}m_{202}^{(11)} + 6m_{001}^{(11)}m_{301}^{(21)}m_{112}^{(10)} - 2m_{001}^{(11)}m_{301}^{(21)}m_{022}^{(00)} - 2m_{001}^{(11)}m_{301}^{(22)}m_{220}^{(21)}\\
&+4m_{001}^{(11)}m_{301}^{(22)}m_{211}^{(11)} + m_{001}^{(11)}m_{301}^{(22)}m_{130}^{(20)} - 4m_{001}^{(11)}m_{301}^{(22)}m_{121}^{(10)} + m_{001}^{(11)}m_{301}^{(22)}m_{031}^{(00)}\\
&+m_{001}^{(11)}m_{220}^{(00)}m_{013}^{(20)} - m_{001}^{(11)}m_{220}^{(00)}m_{004}^{(10)} + 3m_{001}^{(11)}m_{220}^{(10)}m_{202}^{(22)} - 4m_{001}^{(11)}m_{220}^{(10)}m_{103}^{(20)}\\
&+m_{001}^{(11)}m_{220}^{(10)}m_{004}^{(00)} - m_{001}^{(11)}m_{220}^{(20)}m_{211}^{(22)} - 2m_{001}^{(11)}m_{220}^{(20)}m_{202}^{(21)} + 4m_{001}^{(11)}m_{220}^{(20)}m_{103}^{(10)}\\
&-m_{001}^{(11)}m_{220}^{(20)}m_{013}^{(00)} + 2m_{001}^{(11)}m_{220}^{(21)}m_{202}^{(20)} + m_{001}^{(11)}m_{220}^{(22)}m_{211}^{(20)} - 3m_{001}^{(11)}m_{220}^{(22)}m_{202}^{(10)}
\end{aligned}
$$

$$
\begin{aligned}
&-m_{001}^{(11)}m_{211}^{(00)}m_{121}^{(22)}+2m_{001}^{(11)}m_{211}^{(00)}m_{112}^{(21)}-m_{001}^{(11)}m_{211}^{(00)}m_{103}^{(11)}-2m_{001}^{(11)}m_{211}^{(00)}m_{022}^{(20)}\\
&+2m_{001}^{(11)}m_{211}^{(00)}m_{013}^{(10)}-6m_{001}^{(11)}m_{211}^{(10)}m_{202}^{(21)}+8m_{001}^{(11)}m_{211}^{(10)}m_{112}^{(20)}-2m_{001}^{(11)}m_{211}^{(10)}m_{013}^{(00)}\\
&-5m_{001}^{(11)}m_{211}^{(11)}m_{202}^{(20)}+m_{001}^{(11)}m_{211}^{(11)}m_{103}^{(00)}+5m_{001}^{(11)}m_{211}^{(20)}m_{202}^{(11)}-8m_{001}^{(11)}m_{211}^{(20)}m_{112}^{(10)}\\
&+2m_{001}^{(11)}m_{211}^{(20)}m_{022}^{(00)}+6m_{001}^{(11)}m_{211}^{(21)}m_{202}^{(10)}-2m_{001}^{(11)}m_{211}^{(21)}m_{112}^{(00)}+m_{001}^{(11)}m_{211}^{(22)}m_{121}^{(00)}\\
&+m_{001}^{(11)}m_{202}^{(00)}m_{130}^{(22)}-2m_{001}^{(11)}m_{202}^{(00)}m_{121}^{(21)}+m_{001}^{(11)}m_{202}^{(00)}m_{112}^{(11)}+m_{001}^{(11)}m_{202}^{(00)}m_{031}^{(20)}\\
&-m_{001}^{(11)}m_{202}^{(00)}m_{022}^{(10)}-4m_{001}^{(11)}m_{202}^{(10)}m_{121}^{(20)}+m_{001}^{(11)}m_{202}^{(10)}m_{022}^{(00)}-m_{001}^{(11)}m_{202}^{(11)}m_{112}^{(00)}\\
&+4m_{001}^{(11)}m_{202}^{(20)}m_{121}^{(10)}-m_{001}^{(11)}m_{202}^{(20)}m_{031}^{(00)}+2m_{001}^{(11)}m_{202}^{(21)}m_{121}^{(00)}-m_{001}^{(11)}m_{202}^{(22)}m_{130}^{(00)}\\
&+m_{001}^{(11)}m_{130}^{(00)}m_{103}^{(20)}-m_{001}^{(11)}m_{130}^{(20)}m_{103}^{(00)}-3m_{001}^{(11)}m_{121}^{(00)}m_{112}^{(20)}+3m_{001}^{(11)}m_{121}^{(20)}m_{112}^{(00)}\\
&+m_{001}^{(20)}m_{400}^{(11)}m_{031}^{(22)}-m_{001}^{(20)}m_{400}^{(11)}m_{022}^{(21)}-m_{001}^{(20)}m_{400}^{(21)}m_{040}^{(22)}+m_{001}^{(20)}m_{400}^{(21)}m_{022}^{(11)}\\
&+m_{001}^{(20)}m_{400}^{(22)}m_{040}^{(21)}-m_{001}^{(20)}m_{400}^{(22)}m_{031}^{(11)}-3m_{001}^{(20)}m_{310}^{(10)}m_{031}^{(22)}+4m_{001}^{(20)}m_{310}^{(10)}m_{022}^{(21)}\\
&-m_{001}^{(20)}m_{310}^{(10)}m_{013}^{(11)}-m_{001}^{(20)}m_{310}^{(11)}m_{121}^{(22)}+m_{001}^{(20)}m_{310}^{(11)}m_{013}^{(10)}+2m_{001}^{(20)}m_{310}^{(20)}m_{040}^{(22)}\\
&-2m_{001}^{(20)}m_{310}^{(20)}m_{031}^{(21)}+2m_{001}^{(20)}m_{310}^{(21)}m_{130}^{(22)}+2m_{001}^{(20)}m_{310}^{(21)}m_{031}^{(20)}-4m_{001}^{(20)}m_{310}^{(21)}m_{022}^{(10)}\\
&-2m_{001}^{(20)}m_{310}^{(22)}m_{130}^{(21)}+m_{001}^{(20)}m_{310}^{(22)}m_{121}^{(11)}-2m_{001}^{(20)}m_{310}^{(22)}m_{040}^{(20)}+3m_{001}^{(20)}m_{310}^{(22)}m_{031}^{(10)}\\
&+m_{001}^{(20)}m_{301}^{(10)}m_{040}^{(22)}-m_{001}^{(20)}m_{301}^{(10)}m_{022}^{(11)}-m_{001}^{(20)}m_{301}^{(11)}m_{130}^{(22)}+2m_{001}^{(20)}m_{301}^{(11)}m_{121}^{(21)}\\
&-2m_{001}^{(20)}m_{301}^{(11)}m_{031}^{(20)}+m_{001}^{(20)}m_{301}^{(11)}m_{022}^{(10)}-2m_{001}^{(20)}m_{301}^{(20)}m_{040}^{(21)}+2m_{001}^{(20)}m_{301}^{(20)}m_{031}^{(11)}\\
&-2m_{001}^{(20)}m_{301}^{(21)}m_{121}^{(11)}+2m_{001}^{(20)}m_{301}^{(21)}m_{040}^{(20)}+m_{001}^{(20)}m_{301}^{(22)}m_{130}^{(11)}-m_{001}^{(20)}m_{301}^{(22)}m_{040}^{(10)}\\
&+2m_{001}^{(20)}m_{220}^{(00)}m_{031}^{(22)}-3m_{001}^{(20)}m_{220}^{(00)}m_{022}^{(21)}+m_{001}^{(20)}m_{220}^{(00)}m_{013}^{(11)}+5m_{001}^{(20)}m_{220}^{(10)}m_{121}^{(22)}\\
&-4m_{001}^{(20)}m_{220}^{(10)}m_{112}^{(21)}+m_{001}^{(20)}m_{220}^{(10)}m_{103}^{(11)}-2m_{001}^{(20)}m_{220}^{(10)}m_{022}^{(20)}-m_{001}^{(20)}m_{220}^{(11)}m_{211}^{(22)}\\
&+m_{001}^{(20)}m_{220}^{(11)}m_{202}^{(21)}+2m_{001}^{(20)}m_{220}^{(11)}m_{112}^{(20)}-m_{001}^{(20)}m_{220}^{(11)}m_{103}^{(10)}-m_{001}^{(20)}m_{220}^{(11)}m_{013}^{(00)}\\
&-6m_{001}^{(20)}m_{220}^{(20)}m_{130}^{(22)}+6m_{001}^{(20)}m_{220}^{(20)}m_{121}^{(21)}-2m_{001}^{(20)}m_{220}^{(20)}m_{112}^{(11)}+2m_{001}^{(20)}m_{220}^{(20)}m_{022}^{(10)}\\
&-m_{001}^{(20)}m_{220}^{(21)}m_{202}^{(11)}-6m_{001}^{(20)}m_{220}^{(21)}m_{121}^{(20)}+4m_{001}^{(20)}m_{220}^{(21)}m_{112}^{(10)}+3m_{001}^{(20)}m_{220}^{(21)}m_{022}^{(00)}\\
&+m_{001}^{(20)}m_{220}^{(22)}m_{211}^{(11)}+6m_{001}^{(20)}m_{220}^{(22)}m_{130}^{(20)}-5m_{001}^{(20)}m_{220}^{(22)}m_{121}^{(10)}-2m_{001}^{(20)}m_{220}^{(22)}m_{031}^{(00)}\\
&-2m_{001}^{(20)}m_{211}^{(00)}m_{040}^{(22)}+2m_{001}^{(20)}m_{211}^{(00)}m_{031}^{(21)}+m_{001}^{(20)}m_{211}^{(10)}m_{130}^{(22)}-8m_{001}^{(20)}m_{211}^{(10)}m_{121}^{(21)}\\
&+3m_{001}^{(20)}m_{211}^{(10)}m_{112}^{(11)}+4m_{001}^{(20)}m_{211}^{(10)}m_{031}^{(20)}+2m_{001}^{(20)}m_{211}^{(11)}m_{121}^{(20)}-3m_{001}^{(20)}m_{211}^{(11)}m_{112}^{(10)}\\
&+6m_{001}^{(20)}m_{211}^{(20)}m_{130}^{(21)}-2m_{001}^{(20)}m_{211}^{(20)}m_{121}^{(11)}-4m_{001}^{(20)}m_{211}^{(20)}m_{031}^{(10)}-6m_{001}^{(20)}m_{211}^{(21)}m_{130}^{(20)}\\
&+8m_{001}^{(20)}m_{211}^{(21)}m_{121}^{(10)}-2m_{001}^{(20)}m_{211}^{(21)}m_{031}^{(00)}-m_{001}^{(20)}m_{211}^{(22)}m_{130}^{(10)}+2m_{001}^{(20)}m_{211}^{(22)}m_{040}^{(00)}\\
&+m_{001}^{(20)}m_{202}^{(00)}m_{040}^{(21)}-m_{001}^{(20)}m_{202}^{(00)}m_{031}^{(11)}+2m_{001}^{(20)}m_{202}^{(10)}m_{121}^{(11)}-2m_{001}^{(20)}m_{202}^{(10)}m_{040}^{(20)}\\
&+2m_{001}^{(20)}m_{202}^{(11)}m_{130}^{(20)}-2m_{001}^{(20)}m_{202}^{(11)}m_{121}^{(10)}+m_{001}^{(20)}m_{202}^{(11)}m_{031}^{(00)}-2m_{001}^{(20)}m_{202}^{(20)}m_{130}^{(11)}\\
&+2m_{001}^{(20)}m_{202}^{(20)}m_{040}^{(10)}-m_{001}^{(20)}m_{202}^{(21)}m_{040}^{(00)}-4m_{001}^{(20)}m_{130}^{(00)}m_{121}^{(22)}+4m_{001}^{(20)}m_{130}^{(00)}m_{112}^{(21)}\\
&-m_{001}^{(20)}m_{130}^{(00)}m_{103}^{(11)}+2m_{001}^{(20)}m_{130}^{(00)}m_{022}^{(20)}-m_{001}^{(20)}m_{130}^{(00)}m_{013}^{(10)}+m_{001}^{(20)}m_{130}^{(10)}m_{013}^{(00)}\\
&+m_{001}^{(20)}m_{130}^{(11)}m_{103}^{(00)}-2m_{001}^{(20)}m_{130}^{(20)}m_{022}^{(00)}-4m_{001}^{(20)}m_{130}^{(21)}m_{112}^{(00)}+4m_{001}^{(20)}m_{130}^{(22)}m_{121}^{(00)}\\
&-m_{001}^{(20)}m_{121}^{(00)}m_{112}^{(11)}-4m_{001}^{(20)}m_{121}^{(00)}m_{031}^{(20)}+m_{001}^{(20)}m_{121}^{(00)}m_{022}^{(10)}-m_{001}^{(20)}m_{121}^{(10)}m_{022}^{(00)}\\
&+m_{001}^{(20)}m_{121}^{(11)}m_{112}^{(00)}+4m_{001}^{(20)}m_{121}^{(20)}m_{031}^{(00)}+2m_{001}^{(20)}m_{112}^{(00)}m_{040}^{(20)}+m_{001}^{(20)}m_{112}^{(00)}m_{031}^{(10)}\\
&-m_{001}^{(20)}m_{112}^{(10)}m_{031}^{(00)}-2m_{001}^{(20)}m_{112}^{(20)}m_{040}^{(00)}-m_{001}^{(20)}m_{103}^{(00)}m_{040}^{(10)}+m_{001}^{(20)}m_{103}^{(10)}m_{040}^{(00)}\\
&+m_{001}^{(21)}m_{400}^{(10)}m_{031}^{(22)}-2m_{001}^{(21)}m_{400}^{(10)}m_{022}^{(21)}+m_{001}^{(21)}m_{400}^{(10)}m_{013}^{(11)}-2m_{001}^{(21)}m_{400}^{(11)}m_{121}^{(22)}\\
&+2m_{001}^{(21)}m_{400}^{(11)}m_{112}^{(21)}+m_{001}^{(21)}m_{400}^{(11)}m_{022}^{(20)}-m_{001}^{(21)}m_{400}^{(11)}m_{013}^{(10)}-m_{001}^{(21)}m_{400}^{(20)}m_{040}^{(22)}\\
&+2m_{001}^{(21)}m_{400}^{(20)}m_{031}^{(21)}-m_{001}^{(21)}m_{400}^{(20)}m_{022}^{(11)}+2m_{001}^{(21)}m_{400}^{(21)}m_{130}^{(22)}-2m_{001}^{(21)}m_{400}^{(21)}m_{112}^{(11)}\\
&-2m_{001}^{(21)}m_{400}^{(21)}m_{031}^{(20)}+2m_{001}^{(21)}m_{400}^{(21)}m_{022}^{(10)}-2m_{001}^{(21)}m_{400}^{(22)}m_{130}^{(21)}+2m_{001}^{(21)}m_{400}^{(22)}m_{121}^{(11)}
\end{aligned}
$$

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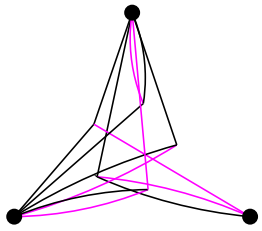
\begin{aligned}
&+m_{001}^{(21)}m_{400}^{(22)}m_{040}^{(20)} - m_{001}^{(21)}m_{400}^{(22)}m_{031}^{(10)} - m_{001}^{(21)}m_{310}^{(00)}m_{031}^{(22)} + 2m_{001}^{(21)}m_{310}^{(00)}m_{022}^{(21)}\\
&-m_{001}^{(21)}m_{310}^{(00)}m_{013}^{(11)} + m_{001}^{(21)}m_{310}^{(10)}m_{121}^{(22)} - m_{001}^{(21)}m_{310}^{(10)}m_{103}^{(11)} + 4m_{001}^{(21)}m_{310}^{(11)}m_{211}^{(22)}\\
&-2m_{001}^{(21)}m_{310}^{(11)}m_{202}^{(21)} - 4m_{001}^{(21)}m_{310}^{(11)}m_{112}^{(20)} + m_{001}^{(21)}m_{310}^{(11)}m_{103}^{(10)} + m_{001}^{(21)}m_{310}^{(11)}m_{013}^{(00)}\\
&+2m_{001}^{(21)}m_{310}^{(20)}m_{130}^{(22)} - 6m_{001}^{(21)}m_{310}^{(20)}m_{121}^{(21)} + 4m_{001}^{(21)}m_{310}^{(20)}m_{112}^{(11)} - 6m_{001}^{(21)}m_{310}^{(21)}m_{220}^{(22)}\\
&+2m_{001}^{(21)}m_{310}^{(21)}m_{202}^{(11)} + 6m_{001}^{(21)}m_{310}^{(21)}m_{121}^{(20)} - 2m_{001}^{(21)}m_{310}^{(21)}m_{022}^{(00)} + 6m_{001}^{(21)}m_{310}^{(22)}m_{220}^{(21)}\\
&-4m_{001}^{(21)}m_{310}^{(22)}m_{211}^{(11)} - 2m_{001}^{(21)}m_{310}^{(22)}m_{130}^{(20)} - m_{001}^{(21)}m_{310}^{(22)}m_{121}^{(10)} + m_{001}^{(21)}m_{310}^{(22)}m_{031}^{(00)}\\
&+m_{001}^{(21)}m_{301}^{(00)}m_{040}^{(22)} - 2m_{001}^{(21)}m_{301}^{(00)}m_{031}^{(21)} + m_{001}^{(21)}m_{301}^{(00)}m_{022}^{(11)} - 3m_{001}^{(21)}m_{301}^{(10)}m_{130}^{(22)}\\
&+4m_{001}^{(21)}m_{301}^{(10)}m_{121}^{(21)} - m_{001}^{(21)}m_{301}^{(10)}m_{112}^{(11)} + 2m_{001}^{(21)}m_{301}^{(11)}m_{220}^{(22)} - 4m_{001}^{(21)}m_{301}^{(11)}m_{211}^{(21)}\\
&+2m_{001}^{(21)}m_{301}^{(11)}m_{121}^{(20)} + m_{001}^{(21)}m_{301}^{(11)}m_{112}^{(10)} - m_{001}^{(21)}m_{301}^{(11)}m_{022}^{(00)} + 2m_{001}^{(21)}m_{301}^{(20)}m_{130}^{(21)}\\
&-2m_{001}^{(21)}m_{301}^{(20)}m_{121}^{(11)} + 4m_{001}^{(21)}m_{301}^{(21)}m_{211}^{(11)} - 2m_{001}^{(21)}m_{301}^{(21)}m_{130}^{(20)} - 4m_{001}^{(21)}m_{301}^{(21)}m_{121}^{(10)}\\
&+2m_{001}^{(21)}m_{301}^{(21)}m_{031}^{(00)} - 2m_{001}^{(21)}m_{301}^{(22)}m_{220}^{(11)} + 3m_{001}^{(21)}m_{301}^{(22)}m_{130}^{(10)} - m_{001}^{(21)}m_{301}^{(22)}m_{040}^{(00)}\\
&+m_{001}^{(21)}m_{220}^{(00)}m_{121}^{(22)} - 2m_{001}^{(21)}m_{220}^{(00)}m_{112}^{(21)} + m_{001}^{(21)}m_{220}^{(00)}m_{103}^{(11)} - m_{001}^{(21)}m_{220}^{(00)}m_{022}^{(20)}\\
&+m_{001}^{(21)}m_{220}^{(00)}m_{013}^{(10)} - 5m_{001}^{(21)}m_{220}^{(10)}m_{211}^{(22)} + 2m_{001}^{(21)}m_{220}^{(10)}m_{202}^{(21)} + 4m_{001}^{(21)}m_{220}^{(10)}m_{112}^{(20)}\\
&-m_{001}^{(21)}m_{220}^{(10)}m_{013}^{(00)} + 3m_{001}^{(21)}m_{220}^{(11)}m_{202}^{(20)} - m_{001}^{(21)}m_{220}^{(11)}m_{103}^{(00)} + 6m_{001}^{(21)}m_{220}^{(20)}m_{211}^{(21)}\\
&-3m_{001}^{(21)}m_{220}^{(20)}m_{202}^{(11)} - 4m_{001}^{(21)}m_{220}^{(20)}m_{112}^{(10)} + m_{001}^{(21)}m_{220}^{(20)}m_{022}^{(00)} - 6m_{001}^{(21)}m_{220}^{(21)}m_{211}^{(20)}\\
&-2m_{001}^{(21)}m_{220}^{(21)}m_{202}^{(10)} + 2m_{001}^{(21)}m_{220}^{(21)}m_{112}^{(00)} + 5m_{001}^{(21)}m_{220}^{(22)}m_{211}^{(10)} - m_{001}^{(21)}m_{220}^{(22)}m_{121}^{(00)}\\
&-m_{001}^{(21)}m_{211}^{(00)}m_{130}^{(22)} + 2m_{001}^{(21)}m_{211}^{(00)}m_{121}^{(21)} - m_{001}^{(21)}m_{211}^{(00)}m_{112}^{(11)} + 2m_{001}^{(21)}m_{211}^{(00)}m_{031}^{(20)}\\
&-2m_{001}^{(21)}m_{211}^{(00)}m_{022}^{(10)} + m_{001}^{(21)}m_{211}^{(10)}m_{202}^{(11)} - 8m_{001}^{(21)}m_{211}^{(10)}m_{121}^{(20)} + 2m_{001}^{(21)}m_{211}^{(10)}m_{022}^{(00)}\\
&-m_{001}^{(21)}m_{211}^{(11)}m_{202}^{(10)} + m_{001}^{(21)}m_{211}^{(11)}m_{112}^{(00)} + 8m_{001}^{(21)}m_{211}^{(20)}m_{121}^{(10)} - 2m_{001}^{(21)}m_{211}^{(20)}m_{031}^{(00)}\\
&-2m_{001}^{(21)}m_{211}^{(21)}m_{121}^{(00)} + m_{001}^{(21)}m_{211}^{(22)}m_{130}^{(00)} - m_{001}^{(21)}m_{202}^{(00)}m_{040}^{(20)} + m_{001}^{(21)}m_{202}^{(00)}m_{031}^{(10)}\\
&+4m_{001}^{(21)}m_{202}^{(10)}m_{130}^{(20)} - m_{001}^{(21)}m_{202}^{(10)}m_{031}^{(00)} - 4m_{001}^{(21)}m_{202}^{(20)}m_{130}^{(10)} + m_{001}^{(21)}m_{202}^{(20)}m_{040}^{(00)}\\
&-m_{001}^{(21)}m_{130}^{(00)}m_{103}^{(10)} + m_{001}^{(21)}m_{130}^{(10)}m_{103}^{(00)} + 3m_{001}^{(21)}m_{121}^{(00)}m_{112}^{(10)} - 3m_{001}^{(21)}m_{121}^{(10)}m_{112}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{ccccc}
V1 & V1 & 1 & 1 & 2\\
1 & 1 & V2 & 2 & V3\\
V2 & 2 & 2 & V3 & 3
\end{array}
$$



$$
T_{154} \;=\; m_{100}^{(00)}m_{100}^{(10)}m_{010}^{(11)}m_{013}^{(22)} - m_{100}^{(00)}m_{100}^{(10)}m_{010}^{(11)}m_{004}^{(21)} - 2m_{100}^{(00)}m_{100}^{(10)}m_{010}^{(21)}m_{022}^{(22)}
$$

$$+2m_{100}^{(00)}m_{100}^{(10)}m_{010}^{(21)}m_{013}^{(21)}+m_{100}^{(00)}m_{100}^{(10)}m_{010}^{(22)}m_{031}^{(22)}-m_{100}^{(00)}m_{100}^{(10)}m_{010}^{(22)}m_{022}^{(21)}$$
$$-m_{100}^{(00)}m_{100}^{(10)}m_{001}^{(11)}m_{013}^{(21)}+m_{100}^{(00)}m_{100}^{(10)}m_{001}^{(11)}m_{004}^{(11)}+2m_{100}^{(00)}m_{100}^{(10)}m_{001}^{(21)}m_{022}^{(21)}$$
$$-2m_{100}^{(00)}m_{100}^{(10)}m_{001}^{(21)}m_{013}^{(11)}-m_{100}^{(00)}m_{100}^{(10)}m_{001}^{(22)}m_{031}^{(21)}+m_{100}^{(00)}m_{100}^{(10)}m_{001}^{(22)}m_{022}^{(11)}$$
$$-2m_{100}^{(00)}m_{100}^{(11)}m_{010}^{(10)}m_{013}^{(22)}+2m_{100}^{(00)}m_{100}^{(11)}m_{010}^{(10)}m_{004}^{(21)}+m_{100}^{(00)}m_{100}^{(11)}m_{010}^{(11)}m_{103}^{(22)}$$
$$-m_{100}^{(00)}m_{100}^{(11)}m_{010}^{(11)}m_{004}^{(20)}+2m_{100}^{(00)}m_{100}^{(11)}m_{010}^{(20)}m_{022}^{(22)}-2m_{100}^{(00)}m_{100}^{(11)}m_{010}^{(20)}m_{013}^{(21)}$$
$$-2m_{100}^{(00)}m_{100}^{(11)}m_{010}^{(21)}m_{103}^{(21)}+2m_{100}^{(00)}m_{100}^{(11)}m_{010}^{(21)}m_{013}^{(20)}-m_{100}^{(00)}m_{100}^{(11)}m_{010}^{(22)}m_{121}^{(22)}$$
$$+2m_{100}^{(00)}m_{100}^{(11)}m_{010}^{(22)}m_{112}^{(21)}-m_{100}^{(00)}m_{100}^{(11)}m_{010}^{(22)}m_{022}^{(20)}+2m_{100}^{(00)}m_{100}^{(11)}m_{001}^{(10)}m_{013}^{(21)}$$
$$-2m_{100}^{(00)}m_{100}^{(11)}m_{001}^{(10)}m_{004}^{(11)}-m_{100}^{(00)}m_{100}^{(11)}m_{001}^{(11)}m_{103}^{(21)}+m_{100}^{(00)}m_{100}^{(11)}m_{001}^{(11)}m_{004}^{(10)}$$
$$-2m_{100}^{(00)}m_{100}^{(11)}m_{001}^{(20)}m_{022}^{(21)}+2m_{100}^{(00)}m_{100}^{(11)}m_{001}^{(20)}m_{013}^{(11)}+2m_{100}^{(00)}m_{100}^{(11)}m_{001}^{(21)}m_{103}^{(11)}$$
$$-2m_{100}^{(00)}m_{100}^{(11)}m_{001}^{(21)}m_{013}^{(10)}+m_{100}^{(00)}m_{100}^{(11)}m_{001}^{(22)}m_{121}^{(21)}-2m_{100}^{(00)}m_{100}^{(11)}m_{001}^{(22)}m_{112}^{(11)}$$
$$+m_{100}^{(00)}m_{100}^{(11)}m_{001}^{(22)}m_{022}^{(10)}-m_{100}^{(00)}m_{100}^{(20)}m_{010}^{(11)}m_{022}^{(22)}+m_{100}^{(00)}m_{100}^{(20)}m_{010}^{(11)}m_{013}^{(21)}$$
$$+2m_{100}^{(00)}m_{100}^{(20)}m_{010}^{(21)}m_{031}^{(22)}-2m_{100}^{(00)}m_{100}^{(20)}m_{010}^{(21)}m_{022}^{(21)}-m_{100}^{(00)}m_{100}^{(20)}m_{010}^{(22)}m_{040}^{(22)}$$
$$+m_{100}^{(00)}m_{100}^{(20)}m_{010}^{(22)}m_{031}^{(21)}+m_{100}^{(00)}m_{100}^{(20)}m_{001}^{(11)}m_{022}^{(21)}-m_{100}^{(00)}m_{100}^{(20)}m_{001}^{(11)}m_{013}^{(11)}$$
$$-2m_{100}^{(00)}m_{100}^{(20)}m_{001}^{(21)}m_{031}^{(21)}+2m_{100}^{(00)}m_{100}^{(20)}m_{001}^{(21)}m_{022}^{(11)}+m_{100}^{(00)}m_{100}^{(20)}m_{001}^{(22)}m_{040}^{(21)}$$
$$-m_{100}^{(00)}m_{100}^{(20)}m_{001}^{(22)}m_{031}^{(11)}+4m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(10)}m_{022}^{(22)}-4m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(10)}m_{013}^{(21)}$$
$$-3m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(11)}m_{112}^{(22)}+m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(11)}m_{103}^{(21)}+2m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(11)}m_{013}^{(20)}$$
$$-4m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(20)}m_{031}^{(22)}+4m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(20)}m_{022}^{(21)}+2m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{121}^{(22)}$$
$$+2m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{112}^{(21)}-4m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{022}^{(20)}+m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(22)}m_{130}^{(22)}$$
$$-3m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(22)}m_{121}^{(21)}+2m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(22)}m_{031}^{(20)}-4m_{100}^{(00)}m_{100}^{(21)}m_{001}^{(10)}m_{022}^{(21)}$$
$$+4m_{100}^{(00)}m_{100}^{(21)}m_{001}^{(10)}m_{013}^{(11)}+3m_{100}^{(00)}m_{100}^{(21)}m_{001}^{(11)}m_{112}^{(21)}-m_{100}^{(00)}m_{100}^{(21)}m_{001}^{(11)}m_{103}^{(11)}$$
$$-2m_{100}^{(00)}m_{100}^{(21)}m_{001}^{(11)}m_{013}^{(10)}+4m_{100}^{(00)}m_{100}^{(21)}m_{001}^{(20)}m_{031}^{(21)}-4m_{100}^{(00)}m_{100}^{(21)}m_{001}^{(20)}m_{022}^{(11)}$$
$$-2m_{100}^{(00)}m_{100}^{(21)}m_{001}^{(21)}m_{121}^{(21)}-2m_{100}^{(00)}m_{100}^{(21)}m_{001}^{(21)}m_{112}^{(11)}+4m_{100}^{(00)}m_{100}^{(21)}m_{001}^{(21)}m_{022}^{(10)}$$
$$-m_{100}^{(00)}m_{100}^{(21)}m_{001}^{(22)}m_{130}^{(21)}+3m_{100}^{(00)}m_{100}^{(21)}m_{001}^{(22)}m_{121}^{(11)}-2m_{100}^{(00)}m_{100}^{(21)}m_{001}^{(22)}m_{031}^{(10)}$$
$$-2m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(10)}m_{031}^{(22)}+2m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(10)}m_{022}^{(21)}+2m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{121}^{(22)}$$
$$-m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{112}^{(21)}-m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{022}^{(20)}+2m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(20)}m_{040}^{(22)}$$
$$-2m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(20)}m_{031}^{(21)}-2m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{130}^{(22)}+2m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{031}^{(20)}$$
$$+m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(22)}m_{130}^{(21)}-m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(22)}m_{040}^{(20)}+2m_{100}^{(00)}m_{100}^{(22)}m_{001}^{(10)}m_{031}^{(21)}$$
$$-2m_{100}^{(00)}m_{100}^{(22)}m_{001}^{(10)}m_{022}^{(11)}-2m_{100}^{(00)}m_{100}^{(22)}m_{001}^{(11)}m_{121}^{(21)}+m_{100}^{(00)}m_{100}^{(22)}m_{001}^{(11)}m_{112}^{(11)}$$
$$+m_{100}^{(00)}m_{100}^{(22)}m_{001}^{(11)}m_{022}^{(10)}-2m_{100}^{(00)}m_{100}^{(22)}m_{001}^{(20)}m_{040}^{(21)}+2m_{100}^{(00)}m_{100}^{(22)}m_{001}^{(20)}m_{031}^{(11)}$$
$$+2m_{100}^{(00)}m_{100}^{(22)}m_{001}^{(21)}m_{130}^{(21)}-2m_{100}^{(00)}m_{100}^{(22)}m_{001}^{(21)}m_{031}^{(10)}-m_{100}^{(00)}m_{100}^{(22)}m_{001}^{(22)}m_{130}^{(11)}$$
$$+m_{100}^{(00)}m_{100}^{(22)}m_{001}^{(22)}m_{040}^{(10)}-m_{100}^{(00)}m_{010}^{(00)}m_{010}^{(11)}m_{013}^{(22)}+m_{100}^{(00)}m_{010}^{(00)}m_{010}^{(11)}m_{004}^{(21)}$$
$$+2m_{100}^{(00)}m_{010}^{(00)}m_{010}^{(21)}m_{022}^{(22)}-2m_{100}^{(00)}m_{010}^{(00)}m_{010}^{(21)}m_{013}^{(21)}-m_{100}^{(00)}m_{010}^{(00)}m_{010}^{(22)}m_{031}^{(22)}$$
$$+m_{100}^{(00)}m_{010}^{(00)}m_{010}^{(22)}m_{022}^{(21)}+m_{100}^{(00)}m_{010}^{(00)}m_{001}^{(11)}m_{013}^{(21)}-m_{100}^{(00)}m_{010}^{(00)}m_{001}^{(11)}m_{004}^{(11)}$$
$$-2m_{100}^{(00)}m_{010}^{(00)}m_{001}^{(21)}m_{022}^{(21)}+2m_{100}^{(00)}m_{010}^{(00)}m_{001}^{(21)}m_{013}^{(11)}+m_{100}^{(00)}m_{010}^{(00)}m_{001}^{(22)}m_{031}^{(21)}$$
$$-m_{100}^{(00)}m_{010}^{(00)}m_{001}^{(22)}m_{022}^{(11)}+2m_{100}^{(00)}(m_{010}^{(10)})^2m_{013}^{(22)}-2m_{100}^{(00)}(m_{010}^{(10)})^2m_{004}^{(21)}$$
$$-m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(11)}m_{103}^{(22)}+m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(11)}m_{004}^{(20)}-4m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{022}^{(22)}$$
$$+4m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{013}^{(21)}-2m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{112}^{(22)}+4m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{103}^{(21)}$$
$$-2m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{013}^{(20)}+3m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{121}^{(22)}-4m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{112}^{(21)}$$

$$+m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{022}^{(20)} - 2m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{022}^{(22)} + 2m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{004}^{(11)}$$
$$+2m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{112}^{(22)} - m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{103}^{(21)} - m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{004}^{(10)}$$
$$+2m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{031}^{(22)} - 2m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{013}^{(11)} - 2m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{121}^{(22)}$$
$$+2m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{112}^{(21)} - 2m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{103}^{(11)} + 2m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{013}^{(10)}$$
$$-m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{121}^{(21)} + 2m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{112}^{(11)} - m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{022}^{(10)}$$
$$+3m_{100}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{112}^{(22)} - 2m_{100}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{103}^{(21)} - m_{100}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{013}^{(20)}$$
$$+m_{100}^{(00)}m_{010}^{(11)}m_{010}^{(21)}m_{202}^{(22)} - m_{100}^{(00)}m_{010}^{(11)}m_{010}^{(21)}m_{103}^{(20)} - 2m_{100}^{(00)}m_{010}^{(11)}m_{010}^{(22)}m_{211}^{(22)}$$
$$+m_{100}^{(00)}m_{010}^{(11)}m_{010}^{(22)}m_{202}^{(21)} + m_{100}^{(00)}m_{010}^{(11)}m_{010}^{(22)}m_{112}^{(20)} + m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{022}^{(22)}$$
$$-m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{013}^{(21)} + m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{103}^{(21)} - m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{013}^{(20)}$$
$$-m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(11)}m_{202}^{(22)} + m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(11)}m_{103}^{(20)} - 2m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{121}^{(22)}$$
$$+m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{112}^{(21)} + m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{022}^{(20)} + 2m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{211}^{(22)}$$
$$-m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{202}^{(21)} - m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{112}^{(20)} + 2m_{100}^{(00)}(m_{010}^{(20)})^2m_{031}^{(22)}$$
$$-2m_{100}^{(00)}(m_{010}^{(20)})^2m_{022}^{(21)} - 2m_{100}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{121}^{(22)} + 2m_{100}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{022}^{(20)}$$
$$-m_{100}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{130}^{(22)} + 2m_{100}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{121}^{(21)} - m_{100}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{031}^{(20)}$$
$$+2m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{031}^{(22)} - 2m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{013}^{(11)} - 2m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{121}^{(22)}$$
$$-m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{112}^{(21)} + 2m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{103}^{(11)} + m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{013}^{(10)}$$
$$-2m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(20)}m_{040}^{(22)} + 2m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(20)}m_{022}^{(11)} + 2m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{130}^{(22)}$$
$$+2m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{121}^{(21)} - 2m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{112}^{(11)} - 2m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{022}^{(10)}$$
$$-m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{130}^{(21)} + m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{031}^{(10)} - 2m_{100}^{(00)}(m_{010}^{(21)})^2m_{202}^{(21)}$$
$$+2m_{100}^{(00)}(m_{010}^{(21)})^2m_{112}^{(20)} + m_{100}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{220}^{(22)} + 2m_{100}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{211}^{(21)}$$
$$-3m_{100}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{121}^{(20)} - 2m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{031}^{(22)} + 2m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{022}^{(21)}$$
$$+2m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{121}^{(22)} - 2m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{112}^{(21)} - 2m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{103}^{(11)}$$
$$+2m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{022}^{(20)} + m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{202}^{(21)} - 2m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{112}^{(20)}$$
$$+m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{103}^{(10)} + 2m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{130}^{(22)} - 2m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{121}^{(21)}$$
$$+2m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{112}^{(11)} - 2m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{031}^{(20)} - 2m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(21)}m_{220}^{(22)}$$
$$+2m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(21)}m_{202}^{(11)} + 2m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(21)}m_{121}^{(20)} - 2m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(21)}m_{112}^{(10)}$$
$$+m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{220}^{(21)} - 2m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{211}^{(11)} + m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{121}^{(10)}$$
$$-m_{100}^{(00)}(m_{010}^{(22)})^2m_{220}^{(21)} + m_{100}^{(00)}(m_{010}^{(22)})^2m_{130}^{(20)} + m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(00)}m_{040}^{(22)}$$
$$-m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(00)}m_{031}^{(21)} - 2m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{130}^{(22)} + m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{121}^{(21)}$$
$$+2m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{112}^{(11)} - m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{031}^{(20)} + m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(11)}m_{220}^{(22)}$$
$$-m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(11)}m_{202}^{(11)} + m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(11)}m_{121}^{(20)} - m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(11)}m_{112}^{(10)}$$
$$+m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{130}^{(21)} - 2m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{121}^{(11)} + m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{040}^{(20)}$$
$$-m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(21)}m_{220}^{(21)} - m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(21)}m_{130}^{(20)} + 2m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(21)}m_{121}^{(10)}$$
$$+m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(22)}m_{220}^{(11)} - m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(22)}m_{130}^{(10)} - m_{100}^{(00)}m_{001}^{(00)}m_{001}^{(11)}m_{022}^{(21)}$$
$$+m_{100}^{(00)}m_{001}^{(00)}m_{001}^{(11)}m_{013}^{(11)} + 2m_{100}^{(00)}m_{001}^{(00)}m_{001}^{(21)}m_{031}^{(21)} - 2m_{100}^{(00)}m_{001}^{(00)}m_{001}^{(21)}m_{022}^{(11)}$$
$$-m_{100}^{(00)}m_{001}^{(00)}m_{001}^{(22)}m_{040}^{(21)} + m_{100}^{(00)}m_{001}^{(00)}m_{001}^{(22)}m_{031}^{(11)} + 2m_{100}^{(00)}(m_{001}^{(10)})^2m_{022}^{(21)}$$
$$-2m_{100}^{(00)}(m_{001}^{(10)})^2m_{013}^{(11)} - 2m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{112}^{(21)} + m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{103}^{(11)}$$
$$+m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{013}^{(10)} - 4m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{031}^{(21)} + 4m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{022}^{(11)}$$

$$+2m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{112}^{(11)} - 2m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{022}^{(10)} + 2m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{130}^{(21)}$$
$$-3m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{121}^{(11)} + m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{031}^{(10)} + m_{100}^{(00)}(m_{001}^{(11)})^2m_{202}^{(21)}$$
$$-m_{100}^{(00)}(m_{001}^{(11)})^2m_{103}^{(10)} + 4m_{100}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{121}^{(21)} - 3m_{100}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{112}^{(11)}$$
$$-m_{100}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{022}^{(10)} - 2m_{100}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{211}^{(21)} - m_{100}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{202}^{(11)}$$
$$+3m_{100}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{112}^{(10)} - m_{100}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{220}^{(21)} + 2m_{100}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{211}^{(11)}$$
$$-m_{100}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{121}^{(10)} + 2m_{100}^{(00)}(m_{001}^{(20)})^2m_{040}^{(21)} - 2m_{100}^{(00)}(m_{001}^{(20)})^2m_{031}^{(11)}$$
$$-4m_{100}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{130}^{(21)} + 2m_{100}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{121}^{(11)} + 2m_{100}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{031}^{(10)}$$
$$+m_{100}^{(00)}m_{001}^{(20)}m_{001}^{(22)}m_{130}^{(11)} - m_{100}^{(00)}m_{001}^{(20)}m_{001}^{(22)}m_{040}^{(10)} + 2m_{100}^{(00)}(m_{001}^{(21)})^2m_{220}^{(21)}$$
$$-2m_{100}^{(00)}(m_{001}^{(21)})^2m_{121}^{(10)} - m_{100}^{(00)}m_{001}^{(21)}m_{001}^{(22)}m_{220}^{(11)} + m_{100}^{(00)}m_{001}^{(21)}m_{001}^{(22)}m_{130}^{(10)}$$
$$-2(m_{100}^{(10)})^2m_{010}^{(11)}m_{103}^{(22)} + 2(m_{100}^{(10)})^2m_{010}^{(11)}m_{004}^{(20)} + 4(m_{100}^{(10)})^2m_{010}^{(21)}m_{112}^{(22)}$$
$$-4(m_{100}^{(10)})^2m_{010}^{(21)}m_{013}^{(20)} - 2(m_{100}^{(10)})^2m_{010}^{(22)}m_{121}^{(21)} + 2(m_{100}^{(10)})^2m_{010}^{(22)}m_{022}^{(20)}$$
$$+2(m_{100}^{(10)})^2m_{001}^{(11)}m_{103}^{(21)} - 2(m_{100}^{(10)})^2m_{001}^{(11)}m_{004}^{(10)} - 4(m_{100}^{(10)})^2m_{001}^{(21)}m_{112}^{(21)}$$
$$+4(m_{100}^{(10)})^2m_{001}^{(21)}m_{013}^{(10)} + 2(m_{100}^{(10)})^2m_{001}^{(22)}m_{121}^{(21)} - 2(m_{100}^{(10)})^2m_{001}^{(22)}m_{022}^{(10)}$$
$$+m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(00)}m_{013}^{(22)} - m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(00)}m_{004}^{(21)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(10)}m_{103}^{(22)}$$
$$-2m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(10)}m_{004}^{(20)} - 4m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(20)}m_{112}^{(22)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(20)}m_{103}^{(21)}$$
$$+2m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(20)}m_{013}^{(20)} - 2m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(21)}m_{202}^{(22)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(21)}m_{103}^{(20)}$$
$$+3m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(22)}m_{211}^{(22)} - m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(22)}m_{202}^{(21)} - 2m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(22)}m_{112}^{(20)}$$
$$-m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(00)}m_{013}^{(21)} + m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(00)}m_{004}^{(11)} - 2m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(10)}m_{103}^{(21)}$$
$$+2m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(10)}m_{004}^{(10)} + 4m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{112}^{(21)} - 2m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{103}^{(11)}$$
$$-2m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{013}^{(10)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(21)}m_{202}^{(21)} - 2m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(21)}m_{103}^{(10)}$$
$$-3m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{211}^{(21)} + m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{202}^{(11)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{112}^{(10)}$$
$$+2m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(11)}m_{112}^{(22)} + 2m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(11)}m_{103}^{(21)} - 4m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(11)}m_{013}^{(20)}$$
$$-4m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{121}^{(22)} - 4m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{112}^{(21)} + 8m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{022}^{(20)}$$
$$+2m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{130}^{(22)} + 2m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{121}^{(21)} - 4m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{031}^{(20)}$$
$$-2m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{112}^{(21)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{103}^{(11)} + 4m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{013}^{(10)}$$
$$+4m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{121}^{(21)} + 4m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{112}^{(11)} - 8m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{022}^{(10)}$$
$$-2m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{130}^{(21)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{121}^{(11)} + 4m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{031}^{(10)}$$
$$-2m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(00)}m_{022}^{(22)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(00)}m_{013}^{(21)} - 4m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{112}^{(22)}$$
$$+4m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{013}^{(20)} + 4m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(11)}m_{202}^{(22)} - 4m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(11)}m_{103}^{(20)}$$
$$+8m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{121}^{(22)} - 4m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{112}^{(21)} - 4m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{022}^{(20)}$$
$$-4m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(21)}m_{211}^{(22)} + 4m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(21)}m_{112}^{(20)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{220}^{(22)}$$
$$+2m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{211}^{(21)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(00)}m_{022}^{(21)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(00)}m_{013}^{(11)}$$
$$+4m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{112}^{(21)} - 4m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{013}^{(10)} - 4m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{202}^{(21)}$$
$$+4m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{103}^{(10)} - 8m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{121}^{(21)} + 4m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{112}^{(11)}$$
$$+4m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{022}^{(10)} + 4m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{211}^{(21)} - 4m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{112}^{(10)}$$
$$+2m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{220}^{(21)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{211}^{(11)} + m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(00)}m_{031}^{(22)}$$
$$-m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(00)}m_{022}^{(21)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{121}^{(22)} - 2m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{022}^{(20)}$$
$$-3m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{211}^{(22)} - m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{202}^{(21)} + 4m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{112}^{(20)}$$

$$
\begin{aligned}
&-4m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{130}^{(22)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{121}^{(21)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{031}^{(20)}\\
&+4m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{220}^{(22)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{211}^{(21)} - 6m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{121}^{(20)}\\
&-2m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(22)}m_{220}^{(21)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(22)}m_{130}^{(20)} - m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(00)}m_{031}^{(21)}\\
&+m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(00)}m_{022}^{(11)} - 2m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{121}^{(21)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{022}^{(10)}\\
&+3m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{211}^{(21)} + m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{202}^{(11)} - 4m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{112}^{(10)}\\
&+4m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{130}^{(21)} - 2m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{121}^{(11)} - 2m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{031}^{(10)}\\
&-4m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{220}^{(21)} - 2m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{211}^{(11)} + 6m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{121}^{(10)}\\
&+2m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(22)}m_{220}^{(11)} - 2m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(22)}m_{130}^{(10)} - 2m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(10)}m_{013}^{(22)}\\
&+2m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(10)}m_{004}^{(21)} + 2m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(11)}m_{103}^{(22)} - 2m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(11)}m_{004}^{(20)}\\
&+2m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(20)}m_{022}^{(22)} - 2m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(20)}m_{013}^{(21)} - 2m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{112}^{(22)}\\
&-2m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{103}^{(21)} + 4m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{013}^{(20)} + 2m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{112}^{(21)}\\
&-2m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{022}^{(20)} + 2m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(10)}m_{022}^{(22)} - 2m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(10)}m_{013}^{(21)}\\
&-2m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(11)}m_{112}^{(22)} + m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(11)}m_{013}^{(20)} + m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(11)}m_{004}^{(10)}\\
&-2m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{031}^{(22)} + 2m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{022}^{(21)} + 2m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{121}^{(22)}\\
&+2m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{112}^{(21)} - 2m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{022}^{(20)} - 2m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{013}^{(10)}\\
&-2m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{121}^{(21)} + m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{031}^{(20)} + m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{022}^{(10)}\\
&+4m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{112}^{(22)} - 4m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{103}^{(21)} - 2m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{211}^{(22)}\\
&+2m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{202}^{(21)} + 2m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{013}^{(21)} - 2m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{004}^{(11)}\\
&-2m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(11)}m_{103}^{(20)} + 2m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(11)}m_{004}^{(00)} - 4m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{112}^{(21)}\\
&+4m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{103}^{(11)} + 4m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(21)}m_{112}^{(20)} - 4m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(21)}m_{013}^{(00)}\\
&+2m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{211}^{(21)} - 2m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{202}^{(11)} - 2m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{121}^{(20)}\\
&+2m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{022}^{(00)} - 4m_{100}^{(10)}m_{010}^{(11)}m_{010}^{(20)}m_{202}^{(22)} + 4m_{100}^{(10)}m_{010}^{(11)}m_{010}^{(20)}m_{103}^{(20)}\\
&+2m_{100}^{(10)}m_{010}^{(11)}m_{010}^{(22)}m_{301}^{(22)} - 2m_{100}^{(10)}m_{010}^{(11)}m_{010}^{(22)}m_{202}^{(20)} - 2m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{112}^{(22)}\\
&+m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{013}^{(20)} + m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{004}^{(10)} + 2m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(10)}m_{202}^{(22)}\\
&-2m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(10)}m_{004}^{(00)} + 2m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{211}^{(22)} - 2m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{112}^{(20)}\\
&-2m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{103}^{(10)} + 2m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{013}^{(00)} - 2m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(21)}m_{301}^{(22)}\\
&+2m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(21)}m_{103}^{(00)} + m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(22)}m_{211}^{(20)} + m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(22)}m_{202}^{(10)}\\
&-2m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(22)}m_{112}^{(00)} - 4m_{100}^{(10)}(m_{010}^{(20)})^2m_{121}^{(22)} + 4m_{100}^{(10)}(m_{010}^{(20)})^2m_{112}^{(21)}\\
&+4m_{100}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{211}^{(22)} + 4m_{100}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{202}^{(21)} - 8m_{100}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{112}^{(20)}\\
&+2m_{100}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{220}^{(22)} - 6m_{100}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{211}^{(21)} + 4m_{100}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{121}^{(20)}\\
&-2m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{022}^{(21)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{013}^{(11)} - 4m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{121}^{(22)}\\
&+4m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{112}^{(21)} + 4m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{211}^{(22)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{103}^{(10)}\\
&-2m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{013}^{(00)} + 4m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{130}^{(22)} - 4m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{112}^{(11)}\\
&-4m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{220}^{(22)} - 4m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{211}^{(21)} + 4m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{112}^{(10)}\\
&+4m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{022}^{(00)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{220}^{(21)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{211}^{(11)}\\
&-2m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{121}^{(10)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{031}^{(00)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{310}^{(22)}\\
&-2m_{100}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{301}^{(21)} + 4m_{100}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{211}^{(20)} + 4m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(22)}m_{121}^{(22)}\\
&-2m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{112}^{(21)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{103}^{(11)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{022}^{(20)}
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&-2m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{013}^{(10)} - 4m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{211}^{(22)} + 4m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{013}^{(00)}\\
&+2m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(11)}m_{202}^{(20)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(11)}m_{103}^{(00)} - 4m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{220}^{(22)}\\
&+4m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{211}^{(21)} - 4m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{202}^{(11)} + 4m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{121}^{(20)}\\
&+4m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{112}^{(10)} - 4m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{022}^{(00)} + 4m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(21)}m_{310}^{(22)}\\
&-4m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(21)}m_{211}^{(20)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{310}^{(21)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{301}^{(11)}\\
&-2m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{211}^{(10)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{121}^{(00)} + 2m_{100}^{(10)}(m_{010}^{(22)})^2m_{310}^{(21)}\\
&-2m_{100}^{(10)}(m_{010}^{(22)})^2m_{220}^{(20)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{130}^{(22)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{121}^{(21)}\\
&-2m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{112}^{(11)} + m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{031}^{(20)} + m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{022}^{(10)}\\
&+4m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{220}^{(22)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{211}^{(21)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{022}^{(00)}\\
&-2m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(11)}m_{310}^{(22)} - m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(11)}m_{211}^{(20)} + m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(11)}m_{202}^{(10)}\\
&+2m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(11)}m_{112}^{(00)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{220}^{(21)} + 4m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{211}^{(11)}\\
&-2m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{130}^{(20)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{121}^{(10)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{031}^{(00)}\\
&+2m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{310}^{(21)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{220}^{(20)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{211}^{(10)}\\
&-2m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{121}^{(00)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(22)}m_{310}^{(11)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(22)}m_{220}^{(10)}\\
&-2m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(10)}m_{022}^{(21)} + 2m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(10)}m_{013}^{(11)} + 4m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{112}^{(21)}\\
&-2m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{103}^{(11)} - 2m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{013}^{(10)} + 2m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(20)}m_{031}^{(21)}\\
&-2m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(20)}m_{022}^{(11)} - 6m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{121}^{(21)} + 2m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{112}^{(11)}\\
&+4m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{022}^{(10)} + 2m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{130}^{(21)} - 2m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{031}^{(10)}\\
&-2m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(11)}m_{202}^{(21)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(11)}m_{103}^{(10)} + 4m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{121}^{(21)}\\
&-4m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{112}^{(11)} + 4m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{211}^{(21)} - 4m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{112}^{(10)}\\
&-4m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{220}^{(21)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{211}^{(11)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{121}^{(10)}\\
&-6m_{100}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{211}^{(21)} + 4m_{100}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{202}^{(11)} + 2m_{100}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{112}^{(10)}\\
&+2m_{100}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{301}^{(21)} - 2m_{100}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{202}^{(10)} + 2m_{100}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{310}^{(21)}\\
&-2m_{100}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{301}^{(11)} - 4m_{100}^{(10)}(m_{001}^{(20)})^2m_{130}^{(21)} + 4m_{100}^{(10)}(m_{001}^{(20)})^2m_{121}^{(11)}\\
&+8m_{100}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{220}^{(21)} - 4m_{100}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{211}^{(11)} - 4m_{100}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{121}^{(10)}\\
&-2m_{100}^{(10)}m_{001}^{(20)}m_{001}^{(22)}m_{220}^{(11)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{001}^{(22)}m_{130}^{(10)} - 4m_{100}^{(10)}(m_{001}^{(21)})^2m_{310}^{(21)}\\
&+4m_{100}^{(10)}(m_{001}^{(21)})^2m_{211}^{(10)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{001}^{(22)}m_{310}^{(11)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{001}^{(22)}m_{220}^{(10)}\\
&-(m_{100}^{(11)})^2m_{010}^{(00)}m_{103}^{(22)} + (m_{100}^{(11)})^2m_{010}^{(00)}m_{004}^{(20)} + 2(m_{100}^{(11)})^2m_{010}^{(20)}m_{202}^{(22)}\\
&-2(m_{100}^{(11)})^2m_{010}^{(20)}m_{103}^{(20)} - (m_{100}^{(11)})^2m_{010}^{(22)}m_{301}^{(22)} + (m_{100}^{(11)})^2m_{010}^{(22)}m_{202}^{(20)}\\
&+(m_{100}^{(11)})^2m_{001}^{(00)}m_{103}^{(21)} - (m_{100}^{(11)})^2m_{001}^{(00)}m_{004}^{(10)} - 2(m_{100}^{(11)})^2m_{001}^{(20)}m_{202}^{(21)}\\
&+2(m_{100}^{(11)})^2m_{001}^{(20)}m_{103}^{(10)} + (m_{100}^{(11)})^2m_{001}^{(22)}m_{301}^{(21)} - (m_{100}^{(11)})^2m_{001}^{(22)}m_{202}^{(10)}\\
&-m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(00)}m_{022}^{(22)} + m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(00)}m_{013}^{(21)} + 2m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{112}^{(22)}\\
&-4m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{103}^{(21)} + 2m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{013}^{(20)} - 2m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(11)}m_{202}^{(22)}\\
&+2m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(11)}m_{103}^{(20)} + 2m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{112}^{(21)} - 2m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{022}^{(20)}\\
&+2m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{211}^{(22)} + 4m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{202}^{(21)} - 6m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{112}^{(20)}\\
&-m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{220}^{(22)} - 3m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{211}^{(21)} + 4m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{121}^{(20)}\\
&+m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(00)}m_{022}^{(21)} - m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(00)}m_{013}^{(11)} - 2m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{112}^{(21)}\\
&+4m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{103}^{(11)} - 2m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{013}^{(10)} + 2m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{202}^{(21)}
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\begin{aligned}
&-2m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{103}^{(10)} - 2m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(20)}m_{112}^{(11)} + 2m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(20)}m_{022}^{(10)}\\
&-2m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{211}^{(21)} - 4m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{202}^{(11)} + 6m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{112}^{(10)}\\
&+m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{220}^{(21)} + 3m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{211}^{(11)} - 4m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{121}^{(10)}\\
&+3m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(00)}m_{112}^{(22)} + m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(00)}m_{103}^{(21)} - 4m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(00)}m_{013}^{(20)}\\
&-2m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(10)}m_{202}^{(22)} + 2m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(10)}m_{103}^{(20)} - 4m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{211}^{(22)}\\
&-2m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{202}^{(21)} + 6m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{112}^{(20)} + 2m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(21)}m_{301}^{(22)}\\
&-2m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(21)}m_{202}^{(20)} + m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(22)}m_{310}^{(22)} + m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(22)}m_{301}^{(21)}\\
&-2m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(22)}m_{211}^{(20)} - 3m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{112}^{(21)} - m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{103}^{(11)}\\
&+4m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{013}^{(10)} + 2m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{202}^{(21)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{103}^{(10)}\\
&+4m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{211}^{(21)} + 2m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{202}^{(11)} - 6m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{112}^{(10)}\\
&-2m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(21)}m_{301}^{(21)} + 2m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(21)}m_{202}^{(10)} - m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{310}^{(21)}\\
&-m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{301}^{(11)} + 2m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{211}^{(10)} - m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{121}^{(22)}\\
&-m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{112}^{(21)} + 2m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{022}^{(20)} + 2m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{202}^{(21)}\\
&-2m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{112}^{(20)} + m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(11)}m_{301}^{(22)} - m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(11)}m_{202}^{(20)}\\
&+2m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{220}^{(22)} - 2m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{121}^{(20)} - 2m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{310}^{(22)}\\
&-2m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{301}^{(21)} + 4m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{211}^{(20)} + m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(22)}m_{310}^{(21)}\\
&-m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(22)}m_{220}^{(20)} + m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(00)}m_{121}^{(21)} + m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(00)}m_{112}^{(11)}\\
&-2m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(00)}m_{022}^{(10)} - 2m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(10)}m_{202}^{(11)} + 2m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(10)}m_{112}^{(10)}\\
&-m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(11)}m_{301}^{(21)} + m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(11)}m_{202}^{(10)} - 2m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(20)}m_{220}^{(21)}\\
&+2m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(20)}m_{121}^{(10)} + 2m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(21)}m_{310}^{(21)} + 2m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(21)}m_{301}^{(11)}\\
&-4m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(21)}m_{211}^{(10)} - m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(22)}m_{310}^{(11)} + m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(22)}m_{220}^{(10)}\\
&+m_{100}^{(11)}(m_{010}^{(00)})^2m_{013}^{(22)} - m_{100}^{(11)}(m_{010}^{(00)})^2m_{004}^{(21)} - m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(10)}m_{103}^{(22)}\\
&+m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(10)}m_{004}^{(20)} - 3m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(20)}m_{112}^{(22)} + 4m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(20)}m_{103}^{(21)}\\
&-m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(20)}m_{013}^{(20)} + m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(21)}m_{202}^{(22)} - m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(21)}m_{103}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(22)}m_{211}^{(22)} - 2m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(22)}m_{202}^{(21)} + m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(22)}m_{112}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(00)}m_{022}^{(22)} + m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(00)}m_{004}^{(11)} + m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(10)}m_{103}^{(21)}\\
&-m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(10)}m_{013}^{(20)} + m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(11)}m_{202}^{(22)} - m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(11)}m_{004}^{(00)}\\
&+2m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{121}^{(22)} - m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{112}^{(21)} - 2m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{103}^{(11)}\\
&+m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{022}^{(20)} - 2m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(21)}m_{211}^{(22)} - m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(21)}m_{202}^{(21)}\\
&+m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(21)}m_{112}^{(20)} + 2m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(21)}m_{013}^{(00)} + m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(22)}m_{211}^{(21)}\\
&+m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(22)}m_{202}^{(11)} - m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(22)}m_{121}^{(20)} - m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(22)}m_{022}^{(00)}\\
&+2m_{100}^{(11)}m_{010}^{(10)}m_{010}^{(20)}m_{202}^{(22)} - 2m_{100}^{(11)}m_{010}^{(10)}m_{010}^{(20)}m_{103}^{(20)} - m_{100}^{(11)}m_{010}^{(10)}m_{010}^{(22)}m_{301}^{(22)}\\
&+m_{100}^{(11)}m_{010}^{(10)}m_{010}^{(22)}m_{202}^{(20)} + 2m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{112}^{(22)} - m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{103}^{(21)}\\
&-m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{004}^{(10)} - 2m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(10)}m_{202}^{(22)} + 2m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(10)}m_{103}^{(20)}\\
&-2m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{211}^{(22)} + 2m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{202}^{(21)} - 2m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{112}^{(20)}\\
&+2m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{103}^{(10)} + 2m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(21)}m_{301}^{(22)} - 2m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(21)}m_{202}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(22)}m_{301}^{(21)} + 2m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(22)}m_{211}^{(20)} - m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(22)}m_{202}^{(10)}\\
&-m_{100}^{(11)}m_{010}^{(11)}m_{001}^{(00)}m_{103}^{(20)} + m_{100}^{(11)}m_{010}^{(11)}m_{001}^{(00)}m_{004}^{(00)} + 2m_{100}^{(11)}m_{010}^{(11)}m_{001}^{(20)}m_{202}^{(20)}
\end{aligned}
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\begin{aligned}
&-2m_{100}^{(11)}m_{010}^{(11)}m_{001}^{(20)}m_{103}^{(00)} - m_{100}^{(11)}m_{010}^{(11)}m_{001}^{(22)}m_{301}^{(20)} + m_{100}^{(11)}m_{010}^{(11)}m_{001}^{(22)}m_{202}^{(00)}\\
&+2m_{100}^{(11)}(m_{010}^{(20)})^2m_{211}^{(22)} - 4m_{100}^{(11)}(m_{010}^{(20)})^2m_{202}^{(21)} + 2m_{100}^{(11)}(m_{010}^{(20)})^2m_{112}^{(20)}\\
&-2m_{100}^{(11)}m_{010}^{(20)}m_{010}^{(21)}m_{301}^{(22)} + 2m_{100}^{(11)}m_{010}^{(20)}m_{010}^{(21)}m_{202}^{(20)} - m_{100}^{(11)}m_{010}^{(20)}m_{010}^{(22)}m_{310}^{(22)}\\
&+4m_{100}^{(11)}m_{010}^{(20)}m_{010}^{(22)}m_{301}^{(21)} - 3m_{100}^{(11)}m_{010}^{(20)}m_{010}^{(22)}m_{211}^{(20)} + m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{112}^{(21)}\\
&-2m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{103}^{(11)} + m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{013}^{(10)} + 2m_{100}^{(11)}m_{010}^{(20)}m_{010}^{(10)}m_{001}^{(22)}m_{211}\\
&-2m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{202}^{(21)} - 2m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(11)}m_{301}^{(22)} + 2m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(11)}m_{103}^{(00)}\\
&-2m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{220}^{(22)} + 4m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{202}^{(11)} - 2m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{112}^{(10)}\\
&+2m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{310}^{(22)} + 2m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{301}^{(21)} - 4m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{112}^{(00)}\\
&-m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{310}^{(21)} - 2m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{301}^{(11)} + m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{211}^{(10)}\\
&+2m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{121}^{(00)} + m_{100}^{(11)}m_{010}^{(21)}m_{010}^{(22)}m_{400}^{(22)} - m_{100}^{(11)}m_{010}^{(21)}m_{010}^{(22)}m_{301}^{(20)}\\
&-2m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{211}^{(22)} + m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{202}^{(21)} + 2m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{112}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{103}^{(10)} - 2m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{013}^{(00)} + 2m_{100}^{(11)}m_{010}^{(21)}m_{010}^{(10)}m_{001}^{(22)}m_{301}\\
&-2m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(10)}m_{202}^{(20)} + 2m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{310}^{(22)} - 2m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{301}^{(21)}\\
&-2m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{211}^{(20)} - 2m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{202}^{(10)} + 4m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{112}^{(00)}\\
&-2m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(21)}m_{400}^{(22)} + 2m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(21)}m_{301}^{(20)} + m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(22)}m_{001}^{(21)}m_{400}\\
&+m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(22)}m_{301}^{(10)} - 2m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(22)}m_{211}^{(00)} - m_{100}^{(11)}(m_{010}^{(22)})^2m_{400}^{(21)}\\
&+m_{100}^{(11)}(m_{010}^{(22)})^2m_{310}^{(20)} + m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{220}^{(22)} - m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{211}^{(21)}\\
&+m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{202}^{(11)} - m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{121}^{(20)} - m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{112}^{(10)}\\
&+m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{022}^{(00)} - 2m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(10)}m_{310}^{(22)} + m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(10)}m_{301}^{(21)}\\
&+m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(10)}m_{211}^{(20)} + m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(11)}m_{400}^{(22)} - m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(11)}m_{202}^{(00)}\\
&+m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{310}^{(21)} - 2m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{301}^{(11)} + m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{220}^{(20)}\\
&+2m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{211}^{(10)} - 2m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{121}^{(00)} - m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(21)}m_{400}^{(21)}\\
&-m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(21)}m_{310}^{(20)} + 2m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(21)}m_{211}^{(00)} + m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(22)}m_{400}^{(11)}\\
&-m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(22)}m_{310}^{(10)} + m_{100}^{(11)}(m_{001}^{(00)})^2m_{022}^{(21)} - m_{100}^{(11)}(m_{001}^{(00)})^2m_{013}^{(11)}\\
&-2m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{112}^{(21)} + m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{103}^{(11)} + m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{013}^{(10)}\\
&-m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{202}^{(21)} + m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{103}^{(10)} - 2m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{121}^{(21)}\\
&+3m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{112}^{(11)} - m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{022}^{(10)} + 4m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{211}^{(21)}\\
&-m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{202}^{(11)} - 3m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{112}^{(10)} - m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{220}^{(21)}\\
&-m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{211}^{(11)} + 2m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{121}^{(10)} + 2m_{100}^{(11)}(m_{001}^{(10)})^2m_{202}^{(21)}\\
&-2m_{100}^{(11)}(m_{001}^{(10)})^2m_{103}^{(10)} - 2m_{100}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{202}^{(11)} + 2m_{100}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{112}^{(10)}\\
&-4m_{100}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{301}^{(21)} + 4m_{100}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{202}^{(10)} + 2m_{100}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{310}^{(21)}\\
&+m_{100}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{301}^{(11)} - 3m_{100}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{211}^{(10)} + 2m_{100}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{301}^{(21)}\\
&-2m_{100}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{202}^{(10)} - m_{100}^{(11)}m_{001}^{(11)}m_{001}^{(22)}m_{400}^{(21)} + m_{100}^{(11)}m_{001}^{(11)}m_{001}^{(22)}m_{301}^{(10)}\\
&+2m_{100}^{(11)}(m_{001}^{(20)})^2m_{220}^{(21)} - 2m_{100}^{(11)}(m_{001}^{(20)})^2m_{211}^{(11)} - 4m_{100}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{310}^{(21)}\\
&+2m_{100}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{301}^{(11)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{211}^{(10)} + m_{100}^{(11)}m_{001}^{(20)}m_{001}^{(22)}m_{310}^{(11)}\\
&-m_{100}^{(11)}m_{001}^{(20)}m_{001}^{(22)}m_{220}^{(10)} + 2m_{100}^{(11)}(m_{001}^{(21)})^2m_{400}^{(21)} - 2m_{100}^{(11)}(m_{001}^{(21)})^2m_{301}^{(10)}\\
&-m_{100}^{(11)}m_{001}^{(21)}m_{001}^{(22)}m_{400}^{(11)} + m_{100}^{(11)}m_{001}^{(21)}m_{001}^{(22)}m_{310}^{(10)} - 2(m_{100}^{(20)})^2m_{010}^{(11)}m_{112}^{(21)}\\
&+2(m_{100}^{(20)})^2m_{010}^{(11)}m_{022}^{(20)} + 4(m_{100}^{(20)})^2m_{010}^{(21)}m_{121}^{(21)} - 4(m_{100}^{(20)})^2m_{010}^{(21)}m_{031}^{(20)}
\end{aligned}
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\begin{aligned}
&-2(m_{100}^{(20)})^2 m_{010}^{(22)} m_{130}^{(21)} + 2(m_{100}^{(20)})^2 m_{010}^{(22)} m_{040}^{(20)} + 2(m_{100}^{(20)})^2 m_{001}^{(11)} m_{112}^{(11)} \\
&-2(m_{100}^{(20)})^2 m_{001}^{(11)} m_{022}^{(10)} - 4(m_{100}^{(20)})^2 m_{001}^{(21)} m_{121}^{(11)} + 4(m_{100}^{(20)})^2 m_{001}^{(21)} m_{031}^{(10)} \\
&+2(m_{100}^{(20)})^2 m_{001}^{(22)} m_{130}^{(11)} - 2(m_{100}^{(20)})^2 m_{001}^{(22)} m_{040}^{(10)} + 2m_{100}^{(20)} m_{100}^{(21)} m_{010}^{(00)} m_{031}^{(22)} \\
&-2m_{100}^{(20)} m_{100}^{(21)} m_{010}^{(00)} m_{022}^{(21)} - 4m_{100}^{(20)} m_{100}^{(21)} m_{010}^{(10)} m_{121}^{(22)} + 8m_{100}^{(20)} m_{100}^{(21)} m_{010}^{(10)} m_{112}^{(21)} \\
&-4m_{100}^{(20)} m_{100}^{(21)} m_{010}^{(10)} m_{022}^{(20)} + 2m_{100}^{(20)} m_{100}^{(21)} m_{010}^{(11)} m_{211}^{(22)} - 2m_{100}^{(20)} m_{100}^{(21)} m_{010}^{(11)} m_{202}^{(21)} \\
&-4m_{100}^{(20)} m_{100}^{(21)} m_{010}^{(20)} m_{121}^{(21)} + 4m_{100}^{(20)} m_{100}^{(21)} m_{010}^{(20)} m_{031}^{(20)} - 4m_{100}^{(20)} m_{100}^{(21)} m_{010}^{(21)} m_{211}^{(21)} \\
&+4m_{100}^{(20)} m_{100}^{(21)} m_{010}^{(21)} m_{121}^{(20)} + 4m_{100}^{(20)} m_{100}^{(21)} m_{010}^{(22)} m_{220}^{(21)} - 4m_{100}^{(20)} m_{100}^{(21)} m_{010}^{(22)} m_{130}^{(20)} \\
&-2m_{100}^{(20)} m_{100}^{(21)} m_{001}^{(00)} m_{031}^{(21)} + 2m_{100}^{(20)} m_{100}^{(21)} m_{001}^{(00)} m_{022}^{(11)} + 4m_{100}^{(20)} m_{100}^{(21)} m_{001}^{(10)} m_{121}^{(21)} \\
&-8m_{100}^{(20)} m_{100}^{(21)} m_{001}^{(10)} m_{112}^{(11)} + 4m_{100}^{(20)} m_{100}^{(21)} m_{001}^{(10)} m_{022}^{(10)} - 2m_{100}^{(20)} m_{100}^{(21)} m_{001}^{(11)} m_{211}^{(21)} \\
&+2m_{100}^{(20)} m_{100}^{(21)} m_{001}^{(11)} m_{202}^{(11)} + 4m_{100}^{(20)} m_{100}^{(21)} m_{001}^{(20)} m_{121}^{(11)} - 4m_{100}^{(20)} m_{100}^{(21)} m_{001}^{(20)} m_{031}^{(10)} \\
&+4m_{100}^{(20)} m_{100}^{(21)} m_{001}^{(21)} m_{211}^{(11)} - 4m_{100}^{(20)} m_{100}^{(21)} m_{001}^{(21)} m_{121}^{(10)} - 4m_{100}^{(20)} m_{100}^{(21)} m_{001}^{(22)} m_{220}^{(11)} \\
&+4m_{100}^{(20)} m_{100}^{(21)} m_{001}^{(22)} m_{130}^{(10)} - m_{100}^{(20)} m_{100}^{(22)} m_{010}^{(00)} m_{040}^{(22)} + m_{100}^{(20)} m_{100}^{(22)} m_{010}^{(00)} m_{031}^{(21)} \\
&+2m_{100}^{(20)} m_{100}^{(22)} m_{010}^{(10)} m_{130}^{(22)} - 4m_{100}^{(20)} m_{100}^{(22)} m_{010}^{(10)} m_{121}^{(21)} + 2m_{100}^{(20)} m_{100}^{(22)} m_{010}^{(10)} m_{031}^{(20)} \\
&-m_{100}^{(20)} m_{100}^{(22)} m_{010}^{(11)} m_{220}^{(22)} + 3m_{100}^{(20)} m_{100}^{(22)} m_{010}^{(11)} m_{211}^{(21)} - 2m_{100}^{(20)} m_{100}^{(22)} m_{010}^{(11)} m_{121}^{(20)} \\
&+2m_{100}^{(20)} m_{100}^{(22)} m_{010}^{(20)} m_{130}^{(21)} - 2m_{100}^{(20)} m_{100}^{(22)} m_{010}^{(20)} m_{040}^{(20)} - 2m_{100}^{(20)} m_{100}^{(22)} m_{010}^{(21)} m_{220}^{(21)} \\
&+2m_{100}^{(20)} m_{100}^{(22)} m_{010}^{(21)} m_{130}^{(20)} + m_{100}^{(20)} m_{100}^{(22)} m_{001}^{(00)} m_{040}^{(21)} - m_{100}^{(20)} m_{100}^{(22)} m_{001}^{(00)} m_{031}^{(11)} \\
&-2m_{100}^{(20)} m_{100}^{(22)} m_{001}^{(10)} m_{130}^{(21)} + 4m_{100}^{(20)} m_{100}^{(22)} m_{001}^{(10)} m_{121}^{(11)} - 2m_{100}^{(20)} m_{100}^{(22)} m_{001}^{(10)} m_{031}^{(10)} \\
&+m_{100}^{(20)} m_{100}^{(22)} m_{001}^{(11)} m_{220}^{(21)} - 3m_{100}^{(20)} m_{100}^{(22)} m_{001}^{(11)} m_{211}^{(11)} + 2m_{100}^{(20)} m_{100}^{(22)} m_{001}^{(11)} m_{121}^{(10)} \\
&-2m_{100}^{(20)} m_{100}^{(22)} m_{001}^{(20)} m_{130}^{(11)} + 2m_{100}^{(20)} m_{100}^{(22)} m_{001}^{(20)} m_{040}^{(10)} + 2m_{100}^{(20)} m_{100}^{(22)} m_{001}^{(21)} m_{220}^{(11)} \\
&-2m_{100}^{(20)} m_{100}^{(22)} m_{001}^{(21)} m_{130}^{(10)} + 2m_{100}^{(20)} m_{010}^{(00)} m_{010}^{(10)} m_{022}^{(22)} - 2m_{100}^{(20)} m_{010}^{(00)} m_{010}^{(10)} m_{013}^{(21)} \\
&-2m_{100}^{(20)} m_{010}^{(00)} m_{010}^{(11)} m_{103}^{(21)} + 2m_{100}^{(20)} m_{010}^{(00)} m_{010}^{(11)} m_{013}^{(20)} - 2m_{100}^{(20)} m_{010}^{(00)} m_{010}^{(20)} m_{031}^{(22)} \\
&+2m_{100}^{(20)} m_{010}^{(00)} m_{010}^{(20)} m_{022}^{(21)} - 2m_{100}^{(20)} m_{010}^{(00)} m_{010}^{(21)} m_{121}^{(22)} + 6m_{100}^{(20)} m_{010}^{(00)} m_{010}^{(21)} m_{112}^{(21)} \\
&-4m_{100}^{(20)} m_{010}^{(00)} m_{010}^{(21)} m_{022}^{(20)} + 2m_{100}^{(20)} m_{010}^{(00)} m_{010}^{(22)} m_{130}^{(22)} - 4m_{100}^{(20)} m_{010}^{(00)} m_{010}^{(22)} m_{121}^{(21)} \\
&+2m_{100}^{(20)} m_{010}^{(00)} m_{010}^{(22)} m_{031}^{(20)} - 2m_{100}^{(20)} m_{010}^{(00)} m_{001}^{(10)} m_{031}^{(22)} + 2m_{100}^{(20)} m_{010}^{(00)} m_{001}^{(10)} m_{022}^{(21)} \\
&+2m_{100}^{(20)} m_{010}^{(00)} m_{001}^{(11)} m_{121}^{(22)} - 2m_{100}^{(20)} m_{010}^{(00)} m_{001}^{(11)} m_{112}^{(21)} + 2m_{100}^{(20)} m_{010}^{(00)} m_{001}^{(11)} m_{103}^{(11)} \\
&-m_{100}^{(20)} m_{010}^{(00)} m_{001}^{(11)} m_{022}^{(20)} - m_{100}^{(20)} m_{010}^{(00)} m_{001}^{(11)} m_{013}^{(10)} + 2m_{100}^{(20)} m_{010}^{(00)} m_{001}^{(20)} m_{040}^{(22)} \\
&-2m_{100}^{(20)} m_{010}^{(00)} m_{001}^{(20)} m_{031}^{(21)} - 2m_{100}^{(20)} m_{010}^{(00)} m_{001}^{(21)} m_{130}^{(22)} + 2m_{100}^{(20)} m_{010}^{(00)} m_{001}^{(21)} m_{121}^{(21)} \\
&-4m_{100}^{(20)} m_{010}^{(00)} m_{001}^{(21)} m_{112}^{(11)} + 2m_{100}^{(20)} m_{010}^{(00)} m_{001}^{(21)} m_{031}^{(20)} + 2m_{100}^{(20)} m_{010}^{(00)} m_{001}^{(21)} m_{022}^{(10)} \\
&+2m_{100}^{(20)} m_{010}^{(00)} m_{001}^{(22)} m_{121}^{(11)} - m_{100}^{(20)} m_{010}^{(00)} m_{001}^{(22)} m_{040}^{(20)} - m_{100}^{(20)} m_{010}^{(00)} m_{001}^{(22)} m_{031}^{(10)} \\
&-4m_{100}^{(20)} (m_{010}^{(10)})^2 m_{112}^{(22)} + 4m_{100}^{(20)} (m_{010}^{(10)})^2 m_{103}^{(21)} + 2m_{100}^{(20)} m_{010}^{(10)} m_{010}^{(11)} m_{202}^{(22)} \\
&-2m_{100}^{(20)} m_{010}^{(10)} m_{010}^{(11)} m_{103}^{(20)} + 4m_{100}^{(20)} m_{010}^{(10)} m_{010}^{(20)} m_{121}^{(22)} - 4m_{100}^{(20)} m_{010}^{(10)} m_{010}^{(20)} m_{112}^{(21)} \\
&+4m_{100}^{(20)} m_{010}^{(10)} m_{010}^{(21)} m_{211}^{(22)} - 8m_{100}^{(20)} m_{010}^{(10)} m_{010}^{(21)} m_{202}^{(21)} + 4m_{100}^{(20)} m_{010}^{(10)} m_{010}^{(21)} m_{112}^{(20)} \\
&-4m_{100}^{(20)} m_{010}^{(10)} m_{010}^{(22)} m_{220}^{(22)} + 6m_{100}^{(20)} m_{010}^{(10)} m_{010}^{(22)} m_{211}^{(21)} - 2m_{100}^{(20)} m_{010}^{(10)} m_{010}^{(22)} m_{121}^{(20)} \\
&-2m_{100}^{(20)} m_{010}^{(10)} m_{001}^{(00)} m_{022}^{(21)} + 2m_{100}^{(20)} m_{010}^{(10)} m_{001}^{(00)} m_{013}^{(11)} + 4m_{100}^{(20)} m_{010}^{(10)} m_{001}^{(10)} m_{121}^{(22)} \\
&-4m_{100}^{(20)} m_{010}^{(10)} m_{001}^{(10)} m_{103}^{(11)} - 4m_{100}^{(20)} m_{010}^{(10)} m_{001}^{(11)} m_{211}^{(22)} + 2m_{100}^{(20)} m_{010}^{(10)} m_{001}^{(11)} m_{202}^{(21)} \\
&+2m_{100}^{(20)} m_{010}^{(10)} m_{001}^{(11)} m_{112}^{(20)} + 2m_{100}^{(20)} m_{010}^{(10)} m_{001}^{(11)} m_{103}^{(10)} - 2m_{100}^{(20)} m_{010}^{(10)} m_{001}^{(11)} m_{013}^{(00)} \\
&-4m_{100}^{(20)} m_{010}^{(10)} m_{001}^{(20)} m_{130}^{(22)} + 4m_{100}^{(20)} m_{010}^{(10)} m_{001}^{(20)} m_{121}^{(21)} + 4m_{100}^{(20)} m_{010}^{(10)} m_{001}^{(21)} m_{220}^{(22)} \\
&-4m_{100}^{(20)} m_{010}^{(10)} m_{001}^{(21)} m_{211}^{(21)} + 4m_{100}^{(20)} m_{010}^{(10)} m_{001}^{(21)} m_{202}^{(11)} - 4m_{100}^{(20)} m_{010}^{(10)} m_{001}^{(21)} m_{121}^{(20)}
\end{aligned}
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\begin{aligned}
&-4m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{112}^{(10)} + 4m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{022}^{(00)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(22)}m_{211}^{(11)}\\
&+2m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(22)}m_{130}^{(20)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(22)}m_{121}^{(10)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(22)}m_{031}^{(00)}\\
&-2m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{211}^{(22)} + 4m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{202}^{(21)} - 2m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{112}^{(20)}\\
&-2m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(21)}m_{301}^{(22)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(21)}m_{202}^{(20)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{310}^{(22)}\\
&-2m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{301}^{(21)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{112}^{(21)} - m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{022}^{(20)}\\
&-m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{013}^{(10)} - 2m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{211}^{(22)} - 2m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{202}^{(21)}\\
&+2m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{112}^{(20)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{013}^{(00)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(11)}m_{301}^{(22)}\\
&-2m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(11)}m_{202}^{(20)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{220}^{(22)} - 2m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{211}^{(21)}\\
&+2m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{112}^{(10)} - 2m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{022}^{(00)} - 2m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{310}^{(22)}\\
&+2m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{301}^{(21)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{211}^{(20)} - 2m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{112}^{(00)}\\
&-m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(22)}m_{220}^{(20)} - m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(22)}m_{211}^{(10)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(22)}m_{121}^{(00)}\\
&-4m_{100}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{211}^{(21)} + 4m_{100}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{121}^{(20)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{010}^{(22)}m_{220}^{(21)}\\
&-2m_{100}^{(20)}m_{010}^{(20)}m_{010}^{(22)}m_{130}^{(20)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(00)}m_{031}^{(21)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(00)}m_{022}^{(11)}\\
&-4m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{121}^{(21)} + 4m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{112}^{(11)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{211}^{(21)}\\
&-4m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{202}^{(11)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{022}^{(00)} + 4m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(21)}m_{211}^{(11)}\\
&-4m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(21)}m_{031}^{(00)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(22)}m_{220}^{(11)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(22)}m_{040}^{(00)}\\
&+4m_{100}^{(20)}(m_{010}^{(21)})^2m_{301}^{(21)} - 4m_{100}^{(20)}(m_{010}^{(21)})^2m_{211}^{(20)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{010}^{(22)}m_{310}^{(21)}\\
&+2m_{100}^{(20)}m_{010}^{(21)}m_{010}^{(22)}m_{220}^{(20)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{121}^{(21)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{112}^{(11)}\\
&+2m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{031}^{(20)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{022}^{(10)} + 4m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{211}^{(21)}\\
&+4m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{202}^{(11)} - 4m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{121}^{(20)} - 4m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{022}^{(00)}\\
&-2m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{301}^{(21)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{211}^{(20)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{202}^{(10)}\\
&+2m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{112}^{(00)} - 4m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{121}^{(10)} + 4m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{031}^{(00)}\\
&-4m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(21)}m_{301}^{(11)} + 4m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(21)}m_{211}^{(10)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(22)}m_{310}^{(11)}\\
&-2m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(22)}m_{130}^{(00)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(00)}m_{121}^{(11)} - m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(00)}m_{040}^{(20)}\\
&-m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(00)}m_{031}^{(10)} - 4m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{211}^{(11)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{130}^{(20)}\\
&+2m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{031}^{(00)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(11)}m_{301}^{(11)} - m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(11)}m_{220}^{(20)}\\
&+m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(11)}m_{211}^{(10)} - 2m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(11)}m_{121}^{(00)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(20)}m_{130}^{(10)}\\
&-2m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(20)}m_{040}^{(00)} - 2m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(21)}m_{220}^{(10)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(21)}m_{130}^{(00)}\\
&+2m_{100}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{031}^{(21)} - 2m_{100}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{022}^{(11)} - 2m_{100}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{121}^{(21)}\\
&+2m_{100}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{022}^{(10)} - 2m_{100}^{(20)}m_{001}^{(00)}m_{001}^{(20)}m_{040}^{(21)} + 2m_{100}^{(20)}m_{001}^{(00)}m_{001}^{(20)}m_{031}^{(11)}\\
&+2m_{100}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{130}^{(21)} + 2m_{100}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{121}^{(11)} - 4m_{100}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{031}^{(10)}\\
&-2m_{100}^{(20)}m_{001}^{(00)}m_{001}^{(22)}m_{130}^{(11)} + 2m_{100}^{(20)}m_{001}^{(00)}m_{001}^{(22)}m_{040}^{(10)} - 4m_{100}^{(20)}(m_{001}^{(10)})^2m_{121}^{(21)}\\
&+4m_{100}^{(20)}(m_{001}^{(10)})^2m_{112}^{(11)} + 6m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{211}^{(21)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{202}^{(11)}\\
&-4m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{112}^{(10)} + 4m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{130}^{(21)} - 4m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{121}^{(11)}\\
&-4m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{220}^{(21)} - 4m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{211}^{(11)} + 8m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{121}^{(10)}\\
&+4m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(22)}m_{220}^{(11)} - 4m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(22)}m_{130}^{(10)} - 2m_{100}^{(20)}(m_{001}^{(11)})^2m_{301}^{(21)}\\
&+2m_{100}^{(20)}(m_{001}^{(11)})^2m_{202}^{(10)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{220}^{(21)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{211}^{(11)}\\
&+2m_{100}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{310}^{(21)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{301}^{(11)} - 4m_{100}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{211}^{(10)}
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\begin{aligned}
&-2m_{100}^{(20)}m_{001}^{(11)}m_{001}^{(22)}m_{310}^{(11)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{001}^{(22)}m_{220}^{(10)} - 2(m_{100}^{(21)})^2m_{010}^{(00)}m_{121}^{(22)}\\
&-2(m_{100}^{(21)})^2m_{010}^{(00)}m_{112}^{(21)} + 4(m_{100}^{(21)})^2m_{010}^{(00)}m_{022}^{(20)} + 4(m_{100}^{(21)})^2m_{010}^{(10)}m_{211}^{(22)}\\
&-4(m_{100}^{(21)})^2m_{010}^{(10)}m_{112}^{(20)} - 2(m_{100}^{(21)})^2m_{010}^{(11)}m_{301}^{(22)} + 2(m_{100}^{(21)})^2m_{010}^{(11)}m_{202}^{(20)}\\
&+4(m_{100}^{(21)})^2m_{010}^{(20)}m_{211}^{(21)} - 4(m_{100}^{(21)})^2m_{010}^{(20)}m_{121}^{(20)} - 2(m_{100}^{(21)})^2m_{010}^{(22)}m_{310}^{(21)}\\
&+2(m_{100}^{(21)})^2m_{010}^{(22)}m_{220}^{(20)} + 2(m_{100}^{(21)})^2m_{001}^{(00)}m_{121}^{(21)} + 2(m_{100}^{(21)})^2m_{001}^{(00)}m_{112}^{(11)}\\
&-4(m_{100}^{(21)})^2m_{001}^{(00)}m_{022}^{(10)} - 4(m_{100}^{(21)})^2m_{001}^{(10)}m_{211}^{(21)} + 4(m_{100}^{(21)})^2m_{001}^{(10)}m_{112}^{(10)}\\
&+2(m_{100}^{(21)})^2m_{001}^{(11)}m_{301}^{(21)} - 2(m_{100}^{(21)})^2m_{001}^{(11)}m_{202}^{(10)} - 4(m_{100}^{(21)})^2m_{001}^{(20)}m_{211}^{(11)}\\
&+4(m_{100}^{(21)})^2m_{001}^{(20)}m_{121}^{(10)} + 2(m_{100}^{(21)})^2m_{001}^{(22)}m_{310}^{(11)} - 2(m_{100}^{(21)})^2m_{001}^{(22)}m_{220}^{(10)}\\
&+m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{130}^{(22)} + 3m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{121}^{(21)} - 4m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{031}^{(20)}\\
&-2m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{220}^{(22)} - 4m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{211}^{(21)} + 6m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{121}^{(20)}\\
&+m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(11)}m_{310}^{(22)} + m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(11)}m_{301}^{(21)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(11)}m_{211}^{(20)}\\
&-2m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{220}^{(21)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{130}^{(20)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(21)}m_{310}^{(21)}\\
&-2m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(21)}m_{220}^{(20)} - m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(00)}m_{130}^{(21)} - 3m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(00)}m_{121}^{(11)}\\
&+4m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(00)}m_{031}^{(10)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(10)}m_{220}^{(21)} + 4m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(10)}m_{211}^{(11)}\\
&-6m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(10)}m_{121}^{(10)} - m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(11)}m_{310}^{(21)} - m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(11)}m_{301}^{(11)}\\
&+2m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(11)}m_{211}^{(10)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(20)}m_{220}^{(11)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(20)}m_{130}^{(10)}\\
&-2m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(21)}m_{310}^{(11)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(21)}m_{220}^{(10)} - 2m_{100}^{(21)}(m_{010}^{(00)})^2m_{022}^{(22)}\\
&+2m_{100}^{(21)}(m_{010}^{(00)})^2m_{013}^{(21)} + 4m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(10)}m_{112}^{(22)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(10)}m_{103}^{(21)}\\
&-2m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(10)}m_{013}^{(20)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(11)}m_{202}^{(22)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(11)}m_{103}^{(20)}\\
&+4m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{121}^{(22)} - 6m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{112}^{(21)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{022}^{(20)}\\
&+2m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{202}^{(21)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{112}^{(20)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{220}^{(22)}\\
&+2m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{211}^{(21)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(00)}m_{031}^{(22)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(00)}m_{013}^{(11)}\\
&-2m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{121}^{(22)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{022}^{(20)} - m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(11)}m_{112}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(11)}m_{103}^{(10)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(11)}m_{013}^{(00)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{130}^{(22)}\\
&+4m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{112}^{(11)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{031}^{(20)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{220}^{(22)}\\
&+2m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{112}^{(10)} - 4m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{022}^{(00)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(22)}m_{211}^{(11)}\\
&+m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(22)}m_{130}^{(20)} - m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(22)}m_{121}^{(10)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(22)}m_{031}^{(00)}\\
&-8m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{211}^{(22)} + 4m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{202}^{(21)} + 4m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{112}^{(20)}\\
&+4m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{310}^{(22)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{301}^{(21)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{211}^{(20)}\\
&-4m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{121}^{(22)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{103}^{(11)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{013}^{(10)}\\
&+4m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(10)}m_{211}^{(22)} - 4m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(10)}m_{112}^{(20)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(11)}m_{202}^{(20)}\\
&-2m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(11)}m_{103}^{(00)} + 4m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{220}^{(22)} - 4m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{202}^{(11)}\\
&+4m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{121}^{(20)} - 4m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{112}^{(10)} - 4m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{310}^{(22)}\\
&+4m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{112}^{(00)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(22)}m_{301}^{(11)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(22)}m_{220}^{(20)}\\
&+2m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(22)}m_{211}^{(10)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(22)}m_{121}^{(00)} + 4m_{100}^{(21)}m_{010}^{(11)}m_{010}^{(20)}m_{301}^{(22)}\\
&-4m_{100}^{(21)}m_{010}^{(11)}m_{010}^{(20)}m_{202}^{(20)} - 2m_{100}^{(21)}m_{010}^{(11)}m_{010}^{(22)}m_{400}^{(22)} + 2m_{100}^{(21)}m_{010}^{(11)}m_{010}^{(22)}m_{301}^{(20)}\\
&+2m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{211}^{(22)} + m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{112}^{(20)} - m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{103}^{(10)}\\
&-2m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{013}^{(00)} - 2m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(10)}m_{301}^{(22)} + 2m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(10)}m_{103}^{(00)}
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&-2m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(20)}m_{310}^{(22)} - 2m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(20)}m_{211}^{(20)} + 2m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(20)}m_{202}^{(10)}\\
&+2m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(20)}m_{112}^{(00)} + 2m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(21)}m_{400}^{(22)} - 2m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(21)}m_{202}^{(00)}\\
&+m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(22)}m_{310}^{(20)} - m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(22)}m_{301}^{(10)} + 4m_{100}^{(21)}(m_{010}^{(20)})^2m_{211}^{(21)}\\
&-4m_{100}^{(21)}(m_{010}^{(20)})^2m_{121}^{(20)} - 4m_{100}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{301}^{(21)} + 4m_{100}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{211}^{(20)}\\
&-2m_{100}^{(21)}m_{010}^{(20)}m_{010}^{(22)}m_{310}^{(21)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{010}^{(22)}m_{220}^{(20)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{112}^{(11)}\\
&-2m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{022}^{(10)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(11)}m_{202}^{(10)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(11)}m_{112}^{(00)}\\
&-4m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(20)}m_{211}^{(11)} + 4m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(20)}m_{121}^{(10)} - 4m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(21)}m_{211}^{(10)}\\
&+4m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(21)}m_{121}^{(00)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(22)}m_{310}^{(11)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(22)}m_{130}^{(00)}\\
&+2m_{100}^{(21)}m_{010}^{(21)}m_{010}^{(22)}m_{400}^{(21)} - 2m_{100}^{(21)}m_{010}^{(21)}m_{010}^{(22)}m_{310}^{(20)} - 2m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{202}^{(11)}\\
&-2m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{121}^{(20)} + 4m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{022}^{(00)} + 4m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{211}^{(20)}\\
&-4m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{112}^{(00)} - 2m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(11)}m_{301}^{(20)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(11)}m_{202}^{(00)}\\
&+4m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{301}^{(11)} - 4m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{121}^{(00)} - 2m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(22)}m_{400}^{(11)}\\
&+2m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(22)}m_{220}^{(00)} + m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{130}^{(20)} + m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{121}^{(10)}\\
&-2m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{031}^{(00)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(10)}m_{220}^{(20)} + 2m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(10)}m_{121}^{(00)}\\
&+m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(11)}m_{310}^{(20)} - m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(11)}m_{301}^{(10)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(20)}m_{220}^{(10)}\\
&+2m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(20)}m_{130}^{(00)} + 2m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(21)}m_{310}^{(10)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(21)}m_{220}^{(00)}\\
&-2m_{100}^{(21)}(m_{001}^{(00)})^2m_{031}^{(21)} + 2m_{100}^{(21)}(m_{001}^{(00)})^2m_{022}^{(11)} + 6m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{121}^{(21)}\\
&-4m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{112}^{(11)} - 2m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{022}^{(10)} - 2m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{211}^{(21)}\\
&+2m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{202}^{(11)} + 2m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{130}^{(21)} - 4m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{121}^{(11)}\\
&+2m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{031}^{(10)} - 2m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{220}^{(21)} + 2m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{121}^{(10)}\\
&+2m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(22)}m_{220}^{(11)} - 2m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(22)}m_{130}^{(10)} - 4m_{100}^{(21)}(m_{001}^{(10)})^2m_{211}^{(21)}\\
&+4m_{100}^{(21)}(m_{001}^{(10)})^2m_{112}^{(10)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{301}^{(21)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{202}^{(10)}\\
&-4m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{220}^{(21)} + 8m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{211}^{(11)} - 4m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{121}^{(10)}\\
&+4m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{310}^{(21)} - 4m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{211}^{(10)} - 4m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(22)}m_{310}^{(11)}\\
&+4m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(22)}m_{220}^{(10)} + 2m_{100}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{310}^{(21)} - 4m_{100}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{301}^{(11)}\\
&+2m_{100}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{211}^{(10)} - 2m_{100}^{(21)}m_{001}^{(11)}m_{001}^{(21)}m_{400}^{(21)} + 2m_{100}^{(21)}m_{001}^{(11)}m_{001}^{(21)}m_{301}^{(10)}\\
&+2m_{100}^{(21)}m_{001}^{(11)}m_{001}^{(22)}m_{400}^{(11)} - 2m_{100}^{(21)}m_{001}^{(11)}m_{001}^{(22)}m_{310}^{(10)} - (m_{100}^{(22)})^2m_{010}^{(00)}m_{130}^{(21)}\\
&+(m_{100}^{(22)})^2m_{010}^{(00)}m_{040}^{(20)} + 2(m_{100}^{(22)})^2m_{010}^{(10)}m_{220}^{(21)} - 2(m_{100}^{(22)})^2m_{010}^{(10)}m_{130}^{(20)}\\
&-(m_{100}^{(22)})^2m_{010}^{(11)}m_{310}^{(21)} + (m_{100}^{(22)})^2m_{010}^{(11)}m_{220}^{(20)} + (m_{100}^{(22)})^2m_{001}^{(00)}m_{130}^{(11)}\\
&-(m_{100}^{(22)})^2m_{001}^{(00)}m_{040}^{(10)} - 2(m_{100}^{(22)})^2m_{001}^{(10)}m_{220}^{(11)} + 2(m_{100}^{(22)})^2m_{001}^{(10)}m_{130}^{(10)}\\
&+(m_{100}^{(22)})^2m_{001}^{(11)}m_{310}^{(11)} - (m_{100}^{(22)})^2m_{001}^{(11)}m_{220}^{(10)} + m_{100}^{(22)}(m_{010}^{(00)})^2m_{031}^{(22)}\\
&-m_{100}^{(22)}(m_{010}^{(00)})^2m_{022}^{(21)} - 3m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{121}^{(22)} + 2m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{112}^{(21)}\\
&+m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{022}^{(20)} + m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{211}^{(22)} + m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{202}^{(21)}\\
&-2m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{112}^{(20)} - m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{130}^{(22)} + 2m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{121}^{(21)}\\
&-m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{031}^{(20)} + m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{220}^{(22)} - 4m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{211}^{(21)}\\
&+3m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{121}^{(20)} + m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(22)}m_{220}^{(21)} - m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(22)}m_{130}^{(20)}\\
&-m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(00)}m_{040}^{(22)} + m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(00)}m_{022}^{(11)} + 2m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{130}^{(22)}\\
&-m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{121}^{(21)} - m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{031}^{(20)} - m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{220}^{(22)}
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&+m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{211}^{(21)} - m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{202}^{(11)} + m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{121}^{(20)}\\
&+m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{112}^{(10)} - m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{022}^{(00)} + m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{130}^{(21)}\\
&-2m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{121}^{(11)} + m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{040}^{(20)} - m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{220}^{(21)}\\
&+2m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{211}^{(11)} - m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{130}^{(20)} - 2m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{121}^{(10)}\\
&+2m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{031}^{(00)} + m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(22)}m_{130}^{(10)} - m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(22)}m_{040}^{(00)}\\
&+2m_{100}^{(22)}(m_{010}^{(10)})^2m_{211}^{(22)} - 2m_{100}^{(22)}(m_{010}^{(10)})^2m_{202}^{(21)} - m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(11)}m_{301}^{(22)}\\
&+m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(11)}m_{202}^{(20)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{220}^{(22)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{121}^{(20)}\\
&-2m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{310}^{(22)} + 4m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{301}^{(21)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{211}^{(20)}\\
&-2m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{310}^{(21)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{220}^{(20)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{130}^{(22)}\\
&+m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{121}^{(21)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{112}^{(11)} - m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{022}^{(10)}\\
&-4m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{220}^{(22)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{202}^{(11)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{121}^{(20)}\\
&+2m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{310}^{(22)} - m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{301}^{(21)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{211}^{(20)}\\
&-m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{202}^{(10)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{112}^{(00)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{220}^{(21)}\\
&+2m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{211}^{(11)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{130}^{(20)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{121}^{(10)}\\
&+2m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{310}^{(21)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{301}^{(11)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{220}^{(20)}\\
&+2m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{211}^{(10)} - 4m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{121}^{(00)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(22)}m_{220}^{(10)}\\
&+2m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(22)}m_{130}^{(00)} - m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{310}^{(22)} - 2m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{301}^{(21)}\\
&+3m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{211}^{(20)} + m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(21)}m_{400}^{(22)} - m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(21)}m_{301}^{(20)}\\
&+m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(22)}m_{400}^{(21)} - m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(22)}m_{310}^{(20)} - m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{220}^{(22)}\\
&-m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{211}^{(21)} + m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{112}^{(10)} + m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{022}^{(00)}\\
&+2m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{310}^{(22)} + m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{301}^{(21)} - m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{211}^{(20)}\\
&-2m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{112}^{(00)} - m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(11)}m_{400}^{(22)} + m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(11)}m_{301}^{(20)}\\
&+m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{310}^{(21)} + m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{220}^{(20)} - 2m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{211}^{(10)}\\
&-m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(21)}m_{400}^{(21)} - m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(21)}m_{310}^{(20)} + 2m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(21)}m_{211}^{(00)}\\
&+m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(22)}m_{310}^{(10)} - m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(22)}m_{220}^{(00)} - 2m_{100}^{(22)}(m_{010}^{(20)})^2m_{220}^{(21)}\\
&+2m_{100}^{(22)}(m_{010}^{(20)})^2m_{130}^{(20)} + 4m_{100}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{310}^{(21)} - 4m_{100}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{220}^{(20)}\\
&-m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(00)}m_{130}^{(21)} + m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(00)}m_{031}^{(10)} + 2m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{220}^{(21)}\\
&-2m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{211}^{(11)} - m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{310}^{(21)} + 2m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{301}^{(11)}\\
&-m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{211}^{(10)} + 2m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(20)}m_{220}^{(11)} - 2m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(20)}m_{130}^{(10)}\\
&-2m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(21)}m_{310}^{(11)} + 2m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(21)}m_{220}^{(10)} - 2m_{100}^{(22)}(m_{010}^{(21)})^2m_{400}^{(21)}\\
&+2m_{100}^{(22)}(m_{010}^{(21)})^2m_{310}^{(20)} + m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{220}^{(21)} + 2m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{211}^{(11)}\\
&-m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{121}^{(10)} - 2m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{031}^{(00)} - 2m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{310}^{(21)}\\
&-2m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{301}^{(11)} + 4m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{121}^{(00)} + m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(11)}m_{400}^{(21)}\\
&+m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(11)}m_{301}^{(10)} - 2m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(11)}m_{211}^{(00)} - 2m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(20)}m_{310}^{(11)}\\
&+2m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(20)}m_{220}^{(10)} + 2m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(21)}m_{400}^{(11)} - 2m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(21)}m_{310}^{(10)}\\
&-m_{100}^{(22)}m_{010}^{(22)}m_{001}^{(00)}m_{220}^{(11)} + m_{100}^{(22)}m_{010}^{(22)}m_{001}^{(00)}m_{040}^{(00)} + 2m_{100}^{(22)}m_{010}^{(22)}m_{001}^{(10)}m_{310}^{(11)}\\
&-2m_{100}^{(22)}m_{010}^{(22)}m_{001}^{(10)}m_{130}^{(00)} - m_{100}^{(22)}m_{010}^{(22)}m_{001}^{(11)}m_{400}^{(11)} + m_{100}^{(22)}m_{010}^{(22)}m_{001}^{(11)}m_{220}^{(00)}\\
&+m_{100}^{(22)}(m_{001}^{(00)})^2m_{040}^{(21)} - m_{100}^{(22)}(m_{001}^{(00)})^2m_{031}^{(11)} - 4m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{130}^{(21)}
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\begin{aligned}
&+3m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{121}^{(11)} + m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{031}^{(10)} + 2m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{220}^{(21)}\\
&-m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{211}^{(11)} - m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{121}^{(10)} + m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(20)}m_{130}^{(11)}\\
&-m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(20)}m_{040}^{(10)} - m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(21)}m_{220}^{(11)} + m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(21)}m_{130}^{(10)}\\
&+4m_{100}^{(22)}(m_{001}^{(10)})^2m_{220}^{(21)} - 2m_{100}^{(22)}(m_{001}^{(10)})^2m_{211}^{(11)} - 2m_{100}^{(22)}(m_{001}^{(10)})^2m_{121}^{(10)}\\
&-4m_{100}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{310}^{(21)} + m_{100}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{301}^{(11)} + 3m_{100}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{211}^{(10)}\\
&-2m_{100}^{(22)}m_{001}^{(10)}m_{001}^{(20)}m_{220}^{(11)} + 2m_{100}^{(22)}m_{001}^{(10)}m_{001}^{(20)}m_{130}^{(10)} + 2m_{100}^{(22)}m_{001}^{(10)}m_{001}^{(21)}m_{310}^{(11)}\\
&-2m_{100}^{(22)}m_{001}^{(10)}m_{001}^{(21)}m_{220}^{(10)} + m_{100}^{(22)}(m_{001}^{(11)})^2m_{400}^{(21)} - m_{100}^{(22)}(m_{001}^{(11)})^2m_{301}^{(10)}\\
&+m_{100}^{(22)}m_{001}^{(11)}m_{001}^{(20)}m_{310}^{(11)} - m_{100}^{(22)}m_{001}^{(11)}m_{001}^{(20)}m_{220}^{(10)} - m_{100}^{(22)}m_{001}^{(11)}m_{001}^{(21)}m_{400}^{(11)}\\
&+m_{100}^{(22)}m_{001}^{(11)}m_{001}^{(21)}m_{310}^{(10)} - (m_{010}^{(00)})^2m_{001}^{(11)}m_{013}^{(20)} + (m_{010}^{(00)})^2m_{001}^{(11)}m_{004}^{(10)}\\
&+2(m_{010}^{(00)})^2m_{001}^{(21)}m_{022}^{(20)} - 2(m_{010}^{(00)})^2m_{001}^{(21)}m_{013}^{(10)} - (m_{010}^{(00)})^2m_{001}^{(22)}m_{031}^{(20)}\\
&+(m_{010}^{(00)})^2m_{001}^{(22)}m_{022}^{(10)} + 2m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{013}^{(20)} - 2m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{004}^{(10)}\\
&+m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{103}^{(20)} - m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{004}^{(00)} - 2m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{022}^{(20)}\\
&+2m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{013}^{(10)} - 4m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{112}^{(20)} + 2m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{103}^{(10)}\\
&+2m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{013}^{(00)} + 3m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{121}^{(20)} - 2m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{112}^{(10)}\\
&-m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{022}^{(00)} + m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{013}^{(20)} - m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{004}^{(10)}\\
&-2m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{103}^{(20)} + 2m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{004}^{(00)} + 2m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{103}^{(10)}\\
&-2m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{013}^{(00)} + 2m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{202}^{(20)} - 2m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{103}^{(00)}\\
&-m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(22)}m_{211}^{(20)} - m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(22)}m_{202}^{(10)} + 2m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(22)}m_{112}^{(00)}\\
&-2m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{022}^{(20)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{013}^{(10)} + 3m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{112}^{(20)}\\
&-4m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{103}^{(10)} + m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{013}^{(00)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(20)}m_{031}^{(20)}\\
&-2m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(20)}m_{022}^{(10)} - 4m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{121}^{(20)} + 6m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{112}^{(10)}\\
&-2m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{022}^{(00)} + m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{130}^{(20)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{121}^{(10)}\\
&+m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{031}^{(00)} - 2m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{022}^{(20)} + 2m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{013}^{(10)}\\
&+2m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{112}^{(20)} + 2m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{103}^{(10)} - 4m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{013}^{(00)}\\
&-m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{202}^{(20)} + m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{103}^{(00)} + 2m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{121}^{(20)}\\
&-6m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{112}^{(10)} + 4m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{022}^{(00)} - 2m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(21)}m_{202}^{(10)}\\
&+2m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(21)}m_{112}^{(00)} - m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{220}^{(20)} + 4m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{211}^{(10)}\\
&-3m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{121}^{(00)} + m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(00)}m_{031}^{(20)} - m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(00)}m_{022}^{(10)}\\
&-2m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{112}^{(10)} + 2m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{022}^{(00)} - m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(11)}m_{211}^{(20)}\\
&+2m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(11)}m_{202}^{(10)} - m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(11)}m_{112}^{(00)} - 2m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{130}^{(20)}\\
&+4m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{121}^{(10)} - 2m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{031}^{(00)} + 2m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(21)}m_{220}^{(20)}\\
&-2m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(21)}m_{211}^{(10)} - m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(21)}m_{220}^{(10)} + m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(22)}m_{130}^{(00)}\\
&+m_{010}^{(00)}m_{001}^{(00)}m_{001}^{(11)}m_{022}^{(20)} - m_{010}^{(00)}m_{001}^{(00)}m_{001}^{(11)}m_{013}^{(10)} - 2m_{010}^{(00)}m_{001}^{(00)}m_{001}^{(21)}m_{031}^{(20)}\\
&+2m_{010}^{(00)}m_{001}^{(00)}m_{001}^{(21)}m_{022}^{(10)} + m_{010}^{(00)}m_{001}^{(00)}m_{001}^{(22)}m_{040}^{(20)} - m_{010}^{(00)}m_{001}^{(00)}m_{001}^{(22)}m_{031}^{(10)}\\
&-2m_{010}^{(00)}(m_{001}^{(10)})^2m_{022}^{(20)} + 2m_{010}^{(00)}(m_{001}^{(10)})^2m_{013}^{(10)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{112}^{(20)}\\
&-m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{103}^{(10)} - m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{013}^{(00)} + 4m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{031}^{(20)}\\
&-4m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{022}^{(10)} - 2m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{112}^{(10)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{022}^{(00)}\\
&-2m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{130}^{(20)} + 3m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{121}^{(10)} - m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{031}^{(00)}
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\begin{aligned}
&-m_{010}^{(00)}(m_{001}^{(11)})^2m_{202}^{(20)} + m_{010}^{(00)}(m_{001}^{(11)})^2m_{103}^{(00)} - 4m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{121}^{(20)}\\
&+3m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{112}^{(10)} + m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{022}^{(00)} + 2m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{211}^{(20)}\\
&+m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{202}^{(10)} - 3m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{112}^{(00)} + m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{220}^{(20)}\\
&-2m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{211}^{(10)} + m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{121}^{(00)} - 2m_{010}^{(00)}(m_{001}^{(20)})^2m_{040}^{(20)}\\
&+2m_{010}^{(00)}(m_{001}^{(20)})^2m_{031}^{(10)} + 4m_{010}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{130}^{(20)} - 2m_{010}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{121}^{(10)}\\
&-2m_{010}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{031}^{(00)} - m_{010}^{(00)}m_{001}^{(20)}m_{001}^{(22)}m_{130}^{(10)} + m_{010}^{(00)}m_{001}^{(20)}m_{001}^{(22)}m_{040}^{(00)}\\
&-2m_{010}^{(00)}(m_{001}^{(21)})^2m_{220}^{(20)} + 2m_{010}^{(00)}(m_{001}^{(21)})^2m_{121}^{(00)} + m_{010}^{(00)}m_{001}^{(21)}m_{001}^{(22)}m_{220}^{(10)}\\
&-m_{010}^{(00)}m_{001}^{(21)}m_{001}^{(22)}m_{130}^{(00)} - 2(m_{010}^{(10)})^2m_{001}^{(00)}m_{013}^{(20)} + 2(m_{010}^{(10)})^2m_{001}^{(00)}m_{004}^{(10)}\\
&+4(m_{010}^{(10)})^2m_{001}^{(20)}m_{112}^{(20)} - 4(m_{010}^{(10)})^2m_{001}^{(20)}m_{103}^{(10)} - 2(m_{010}^{(10)})^2m_{001}^{(22)}m_{211}^{(20)}\\
&+2(m_{010}^{(10)})^2m_{001}^{(22)}m_{202}^{(10)} + m_{010}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{103}^{(20)} - m_{010}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{004}^{(00)}\\
&-2m_{010}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{202}^{(20)} + 2m_{010}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{103}^{(00)} + m_{010}^{(10)}m_{010}^{(11)}m_{001}^{(22)}m_{301}^{(20)}\\
&-m_{010}^{(10)}m_{010}^{(11)}m_{001}^{(22)}m_{202}^{(00)} + 4m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{022}^{(20)} - 4m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{013}^{(10)}\\
&-4m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{112}^{(20)} + 4m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{103}^{(10)} - 2m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{202}^{(20)}\\
&+2m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{103}^{(00)} - 4m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{121}^{(20)} + 4m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{112}^{(10)}\\
&+8m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{211}^{(20)} - 4m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{202}^{(10)} - 4m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{112}^{(00)}\\
&-2m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{220}^{(20)} + 2m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{121}^{(00)} + 2m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{112}^{(20)}\\
&-4m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{103}^{(10)} + 2m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{013}^{(00)} - 4m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{211}^{(20)}\\
&+8m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{202}^{(10)} - 4m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{112}^{(00)} + 2m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{310}^{(20)}\\
&-4m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{301}^{(10)} + 2m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{211}^{(00)} - 3m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{121}^{(20)}\\
&+4m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{112}^{(10)} - m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{022}^{(00)} + 2m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{211}^{(20)}\\
&-2m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{202}^{(10)} + m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(11)}m_{301}^{(20)} - m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(11)}m_{202}^{(00)}\\
&+4m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{220}^{(20)} - 6m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{211}^{(10)} + 2m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{121}^{(00)}\\
&-4m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{310}^{(20)} + 2m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{301}^{(10)} + 2m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{211}^{(00)}\\
&+2m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(22)}m_{310}^{(10)} - 2m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(22)}m_{220}^{(00)} + 2m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(10)}m_{022}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(10)}m_{013}^{(10)} - 4m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{112}^{(20)} + 2m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{103}^{(10)}\\
&+2m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{013}^{(00)} - 2m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(20)}m_{031}^{(20)} + 2m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(20)}m_{022}^{(10)}\\
&+6m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{121}^{(20)} - 2m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{112}^{(10)} - 4m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{022}^{(00)}\\
&-2m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{130}^{(20)} + 2m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{031}^{(00)} + 2m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(11)}m_{202}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(11)}m_{103}^{(00)} - 4m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{121}^{(20)} + 4m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{112}^{(10)}\\
&-4m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{211}^{(20)} + 4m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{112}^{(00)} + 4m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{220}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{211}^{(10)} - 2m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{121}^{(00)} + 6m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{211}^{(20)}\\
&-4m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{202}^{(10)} - 2m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{112}^{(00)} - 2m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{301}^{(20)}\\
&+2m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{202}^{(00)} - 2m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{310}^{(20)} + 2m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{301}^{(10)}\\
&+4m_{010}^{(10)}(m_{001}^{(20)})^2m_{130}^{(20)} - 4m_{010}^{(10)}(m_{001}^{(20)})^2m_{121}^{(10)} - 8m_{010}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{220}^{(20)}\\
&+4m_{010}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{211}^{(10)} + 4m_{010}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{121}^{(00)} + 2m_{010}^{(10)}m_{001}^{(20)}m_{001}^{(22)}m_{220}^{(10)}\\
&-2m_{010}^{(10)}m_{001}^{(20)}m_{001}^{(22)}m_{130}^{(00)} + 4m_{010}^{(10)}(m_{001}^{(21)})^2m_{310}^{(20)} - 4m_{010}^{(10)}(m_{001}^{(21)})^2m_{211}^{(00)}\\
&-2m_{010}^{(10)}m_{001}^{(21)}m_{001}^{(22)}m_{310}^{(10)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{001}^{(22)}m_{220}^{(00)} - 3m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{112}^{(20)}\\
&+2m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{103}^{(10)} + m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{013}^{(00)} + 4m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{202}^{(20)}
\end{aligned}
$$

$$
\begin{aligned}
&-4m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{103}^{(00)} + 2m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{211}^{(20)} - 4m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{202}^{(10)}\\
&+2m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{112}^{(00)} - 4m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{301}^{(20)} + 4m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{202}^{(00)}\\
&+m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{310}^{(20)} + 2m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{301}^{(10)} - 3m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{211}^{(00)}\\
&-m_{010}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{202}^{(20)} + m_{010}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{103}^{(00)} + 2m_{010}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{301}^{(20)}\\
&-2m_{010}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{202}^{(00)} - m_{010}^{(11)}m_{010}^{(21)}m_{001}^{(22)}m_{400}^{(20)} + m_{010}^{(11)}m_{010}^{(21)}m_{001}^{(22)}m_{301}^{(00)}\\
&+2m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{211}^{(20)} - m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{202}^{(10)} - m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{112}^{(00)}\\
&-2m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(10)}m_{301}^{(20)} + 2m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(10)}m_{202}^{(00)} - 2m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{310}^{(20)}\\
&+2m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{301}^{(10)} + 2m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(21)}m_{400}^{(20)} - 2m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(21)}m_{301}^{(00)}\\
&-m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(22)}m_{400}^{(10)} + m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(22)}m_{310}^{(00)} - m_{010}^{(11)}(m_{001}^{(00)})^2m_{022}^{(20)}\\
&+m_{010}^{(11)}(m_{001}^{(00)})^2m_{013}^{(10)} + 2m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{112}^{(20)} - m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{103}^{(10)}\\
&-m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{013}^{(00)} + m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{202}^{(20)} - m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{103}^{(00)}\\
&+2m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{121}^{(20)} - 3m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{112}^{(10)} + m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{022}^{(00)}\\
&-4m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{211}^{(20)} + m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{202}^{(10)} + 3m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{112}^{(00)}\\
&+m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{220}^{(20)} + m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{211}^{(10)} - 2m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{121}^{(00)}\\
&-2m_{010}^{(11)}(m_{001}^{(10)})^2m_{202}^{(20)} + 2m_{010}^{(11)}(m_{001}^{(10)})^2m_{103}^{(00)} + 2m_{010}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{202}^{(10)}\\
&-2m_{010}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{112}^{(00)} + 4m_{010}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{301}^{(20)} - 4m_{010}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{202}^{(00)}\\
&-2m_{010}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{310}^{(20)} - m_{010}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{301}^{(10)} + 3m_{010}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{211}^{(00)}\\
&-2m_{010}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{301}^{(20)} + 2m_{010}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{202}^{(00)} + m_{010}^{(11)}m_{001}^{(11)}m_{001}^{(22)}m_{400}^{(20)}\\
&-m_{010}^{(11)}m_{001}^{(11)}m_{001}^{(22)}m_{301}^{(00)} - 2m_{010}^{(11)}(m_{001}^{(20)})^2m_{220}^{(20)} + 2m_{010}^{(11)}(m_{001}^{(20)})^2m_{211}^{(10)}\\
&+4m_{010}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{310}^{(20)} - 2m_{010}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{301}^{(10)} - 2m_{010}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{211}^{(00)}\\
&-m_{010}^{(11)}m_{001}^{(20)}m_{001}^{(22)}m_{310}^{(10)} + m_{010}^{(11)}m_{001}^{(20)}m_{001}^{(22)}m_{220}^{(00)} - 2m_{010}^{(11)}(m_{001}^{(21)})^2m_{400}^{(20)}\\
&+2m_{010}^{(11)}(m_{001}^{(21)})^2m_{301}^{(00)} + m_{010}^{(11)}m_{001}^{(21)}m_{001}^{(22)}m_{400}^{(10)} - m_{010}^{(11)}m_{001}^{(21)}m_{001}^{(22)}m_{310}^{(00)}\\
&-2(m_{010}^{(20)})^2m_{001}^{(00)}m_{031}^{(20)} + 2(m_{010}^{(20)})^2m_{001}^{(00)}m_{022}^{(10)} + 4(m_{010}^{(20)})^2m_{001}^{(10)}m_{121}^{(20)}\\
&-4(m_{010}^{(20)})^2m_{001}^{(10)}m_{112}^{(10)} - 2(m_{010}^{(20)})^2m_{001}^{(11)}m_{211}^{(20)} + 4(m_{010}^{(20)})^2m_{001}^{(11)}m_{202}^{(10)}\\
&-2(m_{010}^{(20)})^2m_{001}^{(11)}m_{112}^{(00)} - 4(m_{010}^{(20)})^2m_{001}^{(21)}m_{211}^{(10)} + 4(m_{010}^{(20)})^2m_{001}^{(21)}m_{121}^{(00)}\\
&+2(m_{010}^{(20)})^2m_{001}^{(22)}m_{220}^{(10)} - 2(m_{010}^{(20)})^2m_{001}^{(22)}m_{130}^{(00)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{121}^{(20)}\\
&-2m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{022}^{(00)} - 4m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{211}^{(20)} - 4m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{202}^{(10)}\\
&+8m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{112}^{(00)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{301}^{(20)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{202}^{(00)}\\
&+4m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{211}^{(10)} - 4m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{121}^{(00)} + 4m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(21)}m_{301}^{(10)}\\
&-4m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(21)}m_{211}^{(00)} - 4m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(22)}m_{310}^{(10)} + 4m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(22)}m_{220}^{(00)}\\
&+m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(00)}m_{130}^{(20)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(00)}m_{121}^{(10)} + m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(00)}m_{031}^{(00)}\\
&-2m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{220}^{(20)} + 6m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{211}^{(10)} - 4m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{121}^{(00)}\\
&+m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(11)}m_{310}^{(20)} - 4m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(11)}m_{301}^{(10)} + 3m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(11)}m_{211}^{(00)}\\
&-2m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(20)}m_{220}^{(10)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(20)}m_{130}^{(00)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(21)}m_{310}^{(10)}\\
&-2m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(21)}m_{220}^{(00)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{031}^{(20)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{022}^{(10)}\\
&+2m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{121}^{(20)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{022}^{(00)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(20)}m_{040}^{(20)}\\
&-2m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(20)}m_{031}^{(10)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{130}^{(20)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{121}^{(10)}\\
&+4m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{031}^{(00)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(22)}m_{130}^{(10)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(22)}m_{040}^{(00)}
\end{aligned}
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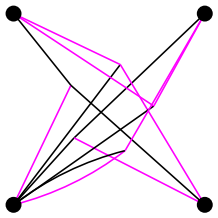
\begin{aligned}
&+4m_{010}^{(20)}(m_{001}^{(10)})^2m_{121}^{(20)} - 4m_{010}^{(20)}(m_{001}^{(10)})^2m_{112}^{(10)} - 6m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{211}^{(20)}\\
&+2m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{202}^{(10)} + 4m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{112}^{(00)} - 4m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{130}^{(20)}\\
&+4m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{121}^{(10)} + 4m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{220}^{(20)} + 4m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{211}^{(10)}\\
&-8m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{121}^{(00)} - 4m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(22)}m_{220}^{(10)} + 4m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(22)}m_{130}^{(00)}\\
&+2m_{010}^{(20)}(m_{001}^{(11)})^2m_{301}^{(20)} - 2m_{010}^{(20)}(m_{001}^{(11)})^2m_{202}^{(00)} + 2m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{220}^{(20)}\\
&-2m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{211}^{(10)} - 2m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{310}^{(20)} - 2m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{301}^{(10)}\\
&+4m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{211}^{(00)} + 2m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(22)}m_{310}^{(10)} - 2m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(22)}m_{220}^{(00)}\\
&+2(m_{010}^{(21)})^2m_{001}^{(00)}m_{202}^{(10)} - 2(m_{010}^{(21)})^2m_{001}^{(00)}m_{112}^{(00)} - 4(m_{010}^{(21)})^2m_{001}^{(20)}m_{301}^{(10)}\\
&+4(m_{010}^{(21)})^2m_{001}^{(20)}m_{211}^{(00)} + 2(m_{010}^{(21)})^2m_{001}^{(22)}m_{400}^{(10)} - 2(m_{010}^{(21)})^2m_{001}^{(22)}m_{310}^{(00)}\\
&-m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{220}^{(20)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{211}^{(10)} + 3m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{121}^{(00)}\\
&+2m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(10)}m_{310}^{(20)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(10)}m_{301}^{(10)} - 4m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(10)}m_{211}^{(00)}\\
&-m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(11)}m_{400}^{(20)} + m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(11)}m_{301}^{(00)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(20)}m_{310}^{(10)}\\
&-2m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(20)}m_{220}^{(00)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(21)}m_{400}^{(10)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(21)}m_{310}^{(00)}\\
&+2m_{010}^{(21)}(m_{001}^{(00)})^2m_{031}^{(20)} - 2m_{010}^{(21)}(m_{001}^{(00)})^2m_{022}^{(10)} - 6m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{121}^{(20)}\\
&+4m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{112}^{(10)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{022}^{(00)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{211}^{(20)}\\
&-2m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{202}^{(10)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{130}^{(20)} + 4m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{121}^{(10)}\\
&-2m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{031}^{(00)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{220}^{(20)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{121}^{(00)}\\
&-2m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(22)}m_{220}^{(10)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(22)}m_{130}^{(00)} + 4m_{010}^{(21)}(m_{001}^{(10)})^2m_{211}^{(20)}\\
&-4m_{010}^{(21)}(m_{001}^{(10)})^2m_{112}^{(00)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{301}^{(20)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{202}^{(00)}\\
&+4m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{220}^{(20)} - 8m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{211}^{(10)} + 4m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{121}^{(00)}\\
&-4m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{310}^{(20)} + 4m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{211}^{(00)} + 4m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(22)}m_{310}^{(10)}\\
&-4m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(22)}m_{220}^{(00)} - 2m_{010}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{310}^{(20)} + 4m_{010}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{301}^{(10)}\\
&-2m_{010}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{211}^{(00)} + 2m_{010}^{(21)}m_{001}^{(11)}m_{001}^{(21)}m_{400}^{(20)} - 2m_{010}^{(21)}m_{001}^{(11)}m_{001}^{(21)}m_{301}^{(00)}\\
&-2m_{010}^{(21)}m_{001}^{(11)}m_{001}^{(22)}m_{400}^{(10)} + 2m_{010}^{(21)}m_{001}^{(11)}m_{001}^{(22)}m_{310}^{(00)} + (m_{010}^{(22)})^2m_{001}^{(00)}m_{220}^{(10)}\\
&-(m_{010}^{(22)})^2m_{001}^{(00)}m_{130}^{(00)} - 2(m_{010}^{(22)})^2m_{001}^{(10)}m_{310}^{(10)} + 2(m_{010}^{(22)})^2m_{001}^{(10)}m_{220}^{(00)}\\
&+(m_{010}^{(22)})^2m_{001}^{(11)}m_{400}^{(10)} - (m_{010}^{(22)})^2m_{001}^{(11)}m_{310}^{(00)} - m_{010}^{(22)}(m_{001}^{(00)})^2m_{040}^{(20)}\\
&+m_{010}^{(22)}(m_{001}^{(00)})^2m_{031}^{(10)} + 4m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{130}^{(20)} - 3m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{121}^{(10)}\\
&-m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{031}^{(00)} - 2m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{220}^{(20)} + m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{211}^{(10)}\\
&+m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{121}^{(00)} - m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(20)}m_{130}^{(10)} + m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(20)}m_{040}^{(00)}\\
&+m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(21)}m_{220}^{(10)} - m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(21)}m_{130}^{(00)} - 4m_{010}^{(22)}(m_{001}^{(10)})^2m_{220}^{(20)}\\
&+2m_{010}^{(22)}(m_{001}^{(10)})^2m_{211}^{(10)} + 2m_{010}^{(22)}(m_{001}^{(10)})^2m_{121}^{(00)} + 4m_{010}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{310}^{(20)}\\
&-m_{010}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{301}^{(10)} - 3m_{010}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{211}^{(00)} + 2m_{010}^{(22)}m_{001}^{(10)}m_{001}^{(20)}m_{220}^{(10)}\\
&-2m_{010}^{(22)}m_{001}^{(10)}m_{001}^{(20)}m_{130}^{(00)} - 2m_{010}^{(22)}m_{001}^{(10)}m_{001}^{(21)}m_{310}^{(10)} + 2m_{010}^{(22)}m_{001}^{(10)}m_{001}^{(21)}m_{220}^{(00)}\\
&-m_{010}^{(22)}(m_{001}^{(11)})^2m_{400}^{(20)} + m_{010}^{(22)}(m_{001}^{(11)})^2m_{301}^{(00)} - m_{010}^{(22)}m_{001}^{(11)}m_{001}^{(20)}m_{310}^{(10)}\\
&+m_{010}^{(22)}m_{001}^{(11)}m_{001}^{(20)}m_{220}^{(00)} + m_{010}^{(22)}m_{001}^{(11)}m_{001}^{(21)}m_{400}^{(10)} - m_{010}^{(22)}m_{001}^{(11)}m_{001}^{(21)}m_{310}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{rrrrr}
V1 & 1 & 1 & V1 & 1\\
1 & V2 & V2 & 2 & 3\\
V3 & V3 & V4 & 4 & V4
\end{array}
$$



$$
\begin{aligned}
T_{155} \;=\;& -m_{100}^{(00)}m_{100}^{(10)}m_{010}^{(11)}m_{013}^{(22)} + m_{100}^{(00)}m_{100}^{(10)}m_{010}^{(11)}m_{004}^{(21)} + 2m_{100}^{(00)}m_{100}^{(10)}m_{010}^{(21)}m_{022}^{(22)} \\
& -2m_{100}^{(00)}m_{100}^{(10)}m_{010}^{(21)}m_{013}^{(21)} - m_{100}^{(00)}m_{100}^{(10)}m_{010}^{(22)}m_{031}^{(22)} + m_{100}^{(00)}m_{100}^{(10)}m_{010}^{(22)}m_{022}^{(21)} \\
& +m_{100}^{(00)}m_{100}^{(10)}m_{001}^{(11)}m_{022}^{(22)} - m_{100}^{(00)}m_{100}^{(10)}m_{001}^{(11)}m_{013}^{(21)} - 2m_{100}^{(00)}m_{100}^{(10)}m_{001}^{(21)}m_{031}^{(22)} \\
& +2m_{100}^{(00)}m_{100}^{(10)}m_{001}^{(21)}m_{022}^{(21)} + m_{100}^{(00)}m_{100}^{(10)}m_{001}^{(22)}m_{040}^{(22)} - m_{100}^{(00)}m_{100}^{(10)}m_{001}^{(22)}m_{031}^{(21)} \\
& +2m_{100}^{(00)}m_{100}^{(11)}m_{010}^{(10)}m_{013}^{(22)} - 2m_{100}^{(00)}m_{100}^{(11)}m_{010}^{(10)}m_{004}^{(21)} - m_{100}^{(00)}m_{100}^{(11)}m_{010}^{(11)}m_{103}^{(22)} \\
& +m_{100}^{(00)}m_{100}^{(11)}m_{010}^{(11)}m_{004}^{(20)} - 2m_{100}^{(00)}m_{100}^{(11)}m_{010}^{(20)}m_{022}^{(22)} + 2m_{100}^{(00)}m_{100}^{(11)}m_{010}^{(20)}m_{013}^{(21)} \\
& +2m_{100}^{(00)}m_{100}^{(11)}m_{010}^{(21)}m_{103}^{(21)} - 2m_{100}^{(00)}m_{100}^{(11)}m_{010}^{(21)}m_{013}^{(20)} + m_{100}^{(00)}m_{100}^{(11)}m_{010}^{(22)}m_{121}^{(22)} \\
& -2m_{100}^{(00)}m_{100}^{(11)}m_{010}^{(22)}m_{112}^{(21)} + m_{100}^{(00)}m_{100}^{(11)}m_{010}^{(22)}m_{022}^{(20)} - 2m_{100}^{(00)}m_{100}^{(11)}m_{001}^{(10)}m_{022}^{(22)} \\
& +2m_{100}^{(00)}m_{100}^{(11)}m_{001}^{(10)}m_{013}^{(21)} + m_{100}^{(00)}m_{100}^{(11)}m_{001}^{(11)}m_{112}^{(22)} - m_{100}^{(00)}m_{100}^{(11)}m_{001}^{(11)}m_{013}^{(20)} \\
& +2m_{100}^{(00)}m_{100}^{(11)}m_{001}^{(20)}m_{031}^{(22)} - 2m_{100}^{(00)}m_{100}^{(11)}m_{001}^{(20)}m_{022}^{(21)} - 2m_{100}^{(00)}m_{100}^{(11)}m_{001}^{(21)}m_{112}^{(21)} \\
& +2m_{100}^{(00)}m_{100}^{(11)}m_{001}^{(21)}m_{022}^{(20)} - m_{100}^{(00)}m_{100}^{(11)}m_{001}^{(22)}m_{130}^{(22)} + 2m_{100}^{(00)}m_{100}^{(11)}m_{001}^{(22)}m_{121}^{(21)} \\
& -m_{100}^{(00)}m_{100}^{(11)}m_{001}^{(22)}m_{031}^{(20)} + m_{100}^{(00)}m_{100}^{(20)}m_{010}^{(11)}m_{013}^{(21)} - m_{100}^{(00)}m_{100}^{(20)}m_{010}^{(11)}m_{004}^{(11)} \\
& -2m_{100}^{(00)}m_{100}^{(20)}m_{010}^{(21)}m_{022}^{(21)} + 2m_{100}^{(00)}m_{100}^{(20)}m_{010}^{(21)}m_{013}^{(11)} + m_{100}^{(00)}m_{100}^{(20)}m_{010}^{(22)}m_{031}^{(21)} \\
& -m_{100}^{(00)}m_{100}^{(20)}m_{010}^{(22)}m_{022}^{(11)} - m_{100}^{(00)}m_{100}^{(20)}m_{001}^{(11)}m_{022}^{(21)} + m_{100}^{(00)}m_{100}^{(20)}m_{001}^{(11)}m_{013}^{(11)} \\
& +2m_{100}^{(00)}m_{100}^{(20)}m_{001}^{(21)}m_{031}^{(21)} - 2m_{100}^{(00)}m_{100}^{(20)}m_{001}^{(21)}m_{022}^{(11)} - m_{100}^{(00)}m_{100}^{(20)}m_{001}^{(22)}m_{040}^{(21)} \\
& +m_{100}^{(00)}m_{100}^{(20)}m_{001}^{(22)}m_{031}^{(11)} - 2m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(10)}m_{022}^{(22)} + 2m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(10)}m_{004}^{(11)} \\
& +2m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(11)}m_{112}^{(22)} - m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(11)}m_{013}^{(20)} - m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(11)}m_{004}^{(10)} \\
& +2m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(20)}m_{031}^{(22)} - 2m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(20)}m_{013}^{(11)} - 2m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{121}^{(22)} \\
& -2m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{103}^{(11)} + 2m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{022}^{(20)} + 2m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{013}^{(10)} \\
& +2m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(22)}m_{112}^{(11)} - m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(22)}m_{031}^{(20)} - m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(22)}m_{022}^{(10)} \\
& +2m_{100}^{(00)}m_{100}^{(21)}m_{001}^{(10)}m_{031}^{(22)} - 2m_{100}^{(00)}m_{100}^{(21)}m_{001}^{(10)}m_{013}^{(11)} - 2m_{100}^{(00)}m_{100}^{(21)}m_{001}^{(11)}m_{121}^{(22)} \\
& +m_{100}^{(00)}m_{100}^{(21)}m_{001}^{(11)}m_{022}^{(20)} + m_{100}^{(00)}m_{100}^{(21)}m_{001}^{(11)}m_{013}^{(10)} - 2m_{100}^{(00)}m_{100}^{(21)}m_{001}^{(20)}m_{040}^{(22)} \\
& +2m_{100}^{(00)}m_{100}^{(21)}m_{001}^{(20)}m_{022}^{(11)} + 2m_{100}^{(00)}m_{100}^{(21)}m_{001}^{(21)}m_{130}^{(22)} + 2m_{100}^{(00)}m_{100}^{(21)}m_{001}^{(21)}m_{112}^{(11)} \\
& -2m_{100}^{(00)}m_{100}^{(21)}m_{001}^{(21)}m_{031}^{(20)} - 2m_{100}^{(00)}m_{100}^{(21)}m_{001}^{(21)}m_{022}^{(10)} - 2m_{100}^{(00)}m_{100}^{(21)}m_{001}^{(22)}m_{121}^{(11)} \\
& +m_{100}^{(00)}m_{100}^{(21)}m_{001}^{(22)}m_{040}^{(20)} + m_{100}^{(00)}m_{100}^{(21)}m_{001}^{(22)}m_{031}^{(10)} + 2m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(10)}m_{022}^{(21)} \\
& -2m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(10)}m_{013}^{(11)} - 2m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{112}^{(21)} + m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{103}^{(11)} \\
& +m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{013}^{(10)} - 2m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(20)}m_{031}^{(21)} + 2m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(20)}m_{022}^{(11)} \\
& +2m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{121}^{(21)} - 2m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{022}^{(10)} - m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(22)}m_{121}^{(11)}
\end{aligned}
$$

$$+m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(22)}m_{031}^{(10)} - 2m_{100}^{(00)}m_{100}^{(22)}m_{001}^{(10)}m_{031}^{(21)} + 2m_{100}^{(00)}m_{100}^{(22)}m_{001}^{(10)}m_{022}^{(11)}$$
$$+2m_{100}^{(00)}m_{100}^{(22)}m_{001}^{(11)}m_{121}^{(21)} - m_{100}^{(00)}m_{100}^{(22)}m_{001}^{(11)}m_{112}^{(11)} - m_{100}^{(00)}m_{100}^{(22)}m_{001}^{(11)}m_{022}^{(10)}$$
$$+2m_{100}^{(00)}m_{100}^{(22)}m_{001}^{(20)}m_{040}^{(21)} - 2m_{100}^{(00)}m_{100}^{(22)}m_{001}^{(20)}m_{031}^{(11)} - 2m_{100}^{(00)}m_{100}^{(22)}m_{001}^{(21)}m_{130}^{(21)}$$
$$+2m_{100}^{(00)}m_{100}^{(22)}m_{001}^{(21)}m_{031}^{(10)} + m_{100}^{(00)}m_{100}^{(22)}m_{001}^{(22)}m_{130}^{(11)} - m_{100}^{(00)}m_{100}^{(22)}m_{001}^{(22)}m_{040}^{(10)}$$
$$+m_{100}^{(00)}m_{010}^{(00)}m_{010}^{(11)}m_{013}^{(22)} - m_{100}^{(00)}m_{010}^{(00)}m_{010}^{(11)}m_{004}^{(21)} - 2m_{100}^{(00)}m_{010}^{(00)}m_{010}^{(21)}m_{022}^{(22)}$$
$$+2m_{100}^{(00)}m_{010}^{(00)}m_{010}^{(21)}m_{013}^{(21)} + m_{100}^{(00)}m_{010}^{(00)}m_{010}^{(22)}m_{031}^{(22)} - m_{100}^{(00)}m_{010}^{(00)}m_{010}^{(22)}m_{022}^{(21)}$$
$$-m_{100}^{(00)}m_{010}^{(00)}m_{001}^{(11)}m_{022}^{(22)} + m_{100}^{(00)}m_{010}^{(00)}m_{001}^{(11)}m_{013}^{(21)} + 2m_{100}^{(00)}m_{010}^{(00)}m_{001}^{(21)}m_{031}^{(22)}$$
$$-2m_{100}^{(00)}m_{010}^{(00)}m_{001}^{(21)}m_{022}^{(21)} - m_{100}^{(00)}m_{010}^{(00)}m_{001}^{(22)}m_{040}^{(22)} + m_{100}^{(00)}m_{010}^{(00)}m_{001}^{(22)}m_{031}^{(21)}$$
$$-2m_{100}^{(00)}(m_{010}^{(10)})^2m_{013}^{(22)} + 2m_{100}^{(00)}(m_{010}^{(10)})^2m_{004}^{(21)} + m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(11)}m_{103}^{(22)}$$
$$-m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(11)}m_{004}^{(20)} + 4m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{022}^{(22)} - 4m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{013}^{(21)}$$
$$-2m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{103}^{(21)} + 4m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{013}^{(20)} - 2m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{004}^{(10)}$$
$$-m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{121}^{(22)} + 2m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{112}^{(21)} - 3m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{022}^{(20)}$$
$$+2m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{013}^{(10)} + 2m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{022}^{(22)} - 2m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{004}^{(11)}$$
$$-m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{112}^{(22)} - m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{013}^{(20)} + 2m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{004}^{(10)}$$
$$-2m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{031}^{(22)} + 2m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{013}^{(11)} + 2m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{112}^{(21)}$$
$$-2m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{013}^{(10)} + m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{130}^{(22)} - 2m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{121}^{(21)}$$
$$+m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{031}^{(20)} - 2m_{100}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{112}^{(22)} + m_{100}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{103}^{(21)}$$
$$+m_{100}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{004}^{(10)} - m_{100}^{(00)}m_{010}^{(11)}m_{010}^{(21)}m_{103}^{(20)} + m_{100}^{(00)}m_{010}^{(11)}m_{010}^{(21)}m_{004}^{(00)}$$
$$+2m_{100}^{(00)}m_{010}^{(11)}m_{010}^{(22)}m_{112}^{(20)} - m_{100}^{(00)}m_{010}^{(11)}m_{010}^{(22)}m_{103}^{(10)} - m_{100}^{(00)}m_{010}^{(11)}m_{010}^{(22)}m_{013}^{(00)}$$
$$-m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{013}^{(21)} + m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{004}^{(11)} - m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{103}^{(21)}$$
$$+m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{013}^{(20)} + m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(11)}m_{103}^{(20)} - m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(11)}m_{004}^{(00)}$$
$$+2m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{112}^{(21)} - m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{103}^{(11)} - m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{013}^{(10)}$$
$$-2m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{112}^{(20)} + m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{103}^{(10)} + m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{013}^{(00)}$$
$$-2m_{100}^{(00)}(m_{010}^{(20)})^2m_{031}^{(22)} + 2m_{100}^{(00)}(m_{010}^{(20)})^2m_{022}^{(21)} + 2m_{100}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{121}^{(22)}$$
$$-2m_{100}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{022}^{(20)} - m_{100}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{121}^{(21)} + 2m_{100}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{031}^{(20)}$$
$$-m_{100}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{022}^{(10)} - 2m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{031}^{(22)} + 2m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{013}^{(11)}$$
$$+2m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{121}^{(22)} - m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{112}^{(21)} + 2m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{022}^{(20)}$$
$$-3m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{013}^{(10)} + 2m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(20)}m_{040}^{(22)} - 2m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(20)}m_{022}^{(11)}$$
$$-2m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{130}^{(22)} - 2m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{031}^{(20)} + 4m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{022}^{(10)}$$
$$+m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{130}^{(21)} - m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{031}^{(10)} + 2m_{100}^{(00)}(m_{010}^{(21)})^2m_{103}^{(10)}$$
$$-2m_{100}^{(00)}(m_{010}^{(21)})^2m_{013}^{(00)} - m_{100}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{121}^{(20)} - 2m_{100}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{112}^{(10)}$$
$$+3m_{100}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{022}^{(00)} + 2m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{022}^{(21)} - 2m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{013}^{(11)}$$
$$+2m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{103}^{(11)} - 4m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{022}^{(20)} + 2m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{013}^{(10)}$$
$$+m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{112}^{(20)} - 2m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{103}^{(10)} + m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{013}^{(00)}$$
$$-2m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{121}^{(21)} + 2m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{031}^{(11)} + 2m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{013}^{(21)}$$
$$-2m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(21)}m_{112}^{(10)} - m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{130}^{(20)} + 2m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{121}^{(10)}$$
$$-m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{031}^{(00)} + m_{100}^{(00)}(m_{010}^{(22)})^2m_{121}^{(10)} - m_{100}^{(00)}(m_{010}^{(22)})^2m_{031}^{(00)}$$
$$-m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(00)}m_{031}^{(21)} + m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(00)}m_{022}^{(11)} + m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{121}^{(21)}$$

$$
\begin{aligned}
&-2m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{112}^{(11)} + 3m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{031}^{(20)} - 2m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{022}^{(10)}\\
&-3m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(11)}m_{121}^{(20)} + 3m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(11)}m_{112}^{(10)} + m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{121}^{(11)}\\
&-2m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{040}^{(20)} + m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{031}^{(10)} + 2m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(21)}m_{130}^{(20)}\\
&-m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(21)}m_{121}^{(10)} - m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(21)}m_{031}^{(00)} - m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(22)}m_{130}^{(10)}\\
&+m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(22)}m_{040}^{(00)} + m_{100}^{(00)}m_{001}^{(00)}m_{001}^{(11)}m_{022}^{(21)} - m_{100}^{(00)}m_{001}^{(00)}m_{001}^{(11)}m_{013}^{(11)}\\
&-2m_{100}^{(00)}m_{001}^{(00)}m_{001}^{(21)}m_{031}^{(21)} + 2m_{100}^{(00)}m_{001}^{(00)}m_{001}^{(21)}m_{022}^{(11)} + m_{100}^{(00)}m_{001}^{(00)}m_{001}^{(22)}m_{040}^{(21)}\\
&-m_{100}^{(00)}m_{001}^{(00)}m_{001}^{(22)}m_{031}^{(11)} - 2m_{100}^{(00)}(m_{001}^{(10)})^2m_{022}^{(21)} + 2m_{100}^{(00)}(m_{001}^{(10)})^2m_{013}^{(11)}\\
&+m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{112}^{(21)} + m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{022}^{(20)} - 2m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{013}^{(10)}\\
&+4m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{031}^{(21)} - 4m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{022}^{(11)} - 2m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{112}^{(11)}\\
&+2m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{022}^{(10)} - m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{130}^{(21)} + 2m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{121}^{(11)}\\
&-m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{040}^{(20)} - m_{100}^{(00)}(m_{001}^{(11)})^2m_{112}^{(20)} + m_{100}^{(00)}(m_{001}^{(11)})^2m_{013}^{(00)}\\
&-2m_{100}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{121}^{(21)} + m_{100}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{112}^{(11)} - 2m_{100}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{031}^{(20)}\\
&+3m_{100}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{022}^{(10)} + 2m_{100}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{121}^{(20)} + m_{100}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{112}^{(10)}\\
&-3m_{100}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{022}^{(00)} + m_{100}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{130}^{(20)} - 2m_{100}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{121}^{(10)}\\
&+m_{100}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{031}^{(00)} - 2m_{100}^{(00)}(m_{001}^{(20)})^2m_{040}^{(21)} + 2m_{100}^{(00)}(m_{001}^{(20)})^2m_{031}^{(11)}\\
&+2m_{100}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{130}^{(21)} + 2m_{100}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{040}^{(20)} - 4m_{100}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{031}^{(10)}\\
&-m_{100}^{(00)}m_{001}^{(20)}m_{001}^{(22)}m_{130}^{(11)} + m_{100}^{(00)}m_{001}^{(20)}m_{001}^{(22)}m_{040}^{(10)} - 2m_{100}^{(00)}(m_{001}^{(21)})^2m_{130}^{(20)}\\
&+2m_{100}^{(00)}(m_{001}^{(21)})^2m_{031}^{(00)} + m_{100}^{(00)}m_{001}^{(21)}m_{001}^{(22)}m_{130}^{(10)} - m_{100}^{(00)}m_{001}^{(21)}m_{001}^{(22)}m_{040}^{(00)}\\
&+2(m_{100}^{(10)})^2m_{010}^{(11)}m_{103}^{(22)} - 2(m_{100}^{(10)})^2m_{010}^{(11)}m_{004}^{(20)} - 4(m_{100}^{(10)})^2m_{010}^{(21)}m_{112}^{(22)}\\
&+4(m_{100}^{(10)})^2m_{010}^{(21)}m_{013}^{(20)} + 2(m_{100}^{(10)})^2m_{010}^{(22)}m_{121}^{(22)} - 2(m_{100}^{(10)})^2m_{010}^{(22)}m_{022}^{(20)}\\
&-2(m_{100}^{(10)})^2m_{001}^{(11)}m_{112}^{(22)} + 2(m_{100}^{(10)})^2m_{001}^{(11)}m_{013}^{(20)} + 4(m_{100}^{(10)})^2m_{001}^{(21)}m_{121}^{(22)}\\
&-4(m_{100}^{(10)})^2m_{001}^{(21)}m_{022}^{(20)} - 2(m_{100}^{(10)})^2m_{001}^{(22)}m_{130}^{(22)} + 2(m_{100}^{(10)})^2m_{001}^{(22)}m_{031}^{(20)}\\
&-m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(00)}m_{013}^{(22)} + m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(00)}m_{004}^{(21)} - 2m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(10)}m_{103}^{(22)}\\
&+2m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(10)}m_{004}^{(20)} + 4m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(20)}m_{112}^{(22)} - 2m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(20)}m_{103}^{(21)}\\
&-2m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(20)}m_{013}^{(20)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(21)}m_{202}^{(22)} - 2m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(21)}m_{103}^{(20)}\\
&-3m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(22)}m_{211}^{(22)} + m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(22)}m_{202}^{(21)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(22)}m_{112}^{(20)}\\
&+m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(00)}m_{022}^{(22)} - m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(00)}m_{013}^{(21)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(10)}m_{112}^{(22)}\\
&-2m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(10)}m_{013}^{(20)} - 4m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{121}^{(22)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{112}^{(21)}\\
&+2m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{022}^{(20)} - 2m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(21)}m_{211}^{(22)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(21)}m_{112}^{(20)}\\
&+3m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{220}^{(22)} - m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{211}^{(21)} - 2m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{121}^{(20)}\\
&-4m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(11)}m_{103}^{(21)} + 2m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(11)}m_{013}^{(20)} + 2m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(11)}m_{004}^{(10)}\\
&+8m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{112}^{(21)} - 4m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{022}^{(20)} - 4m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{013}^{(10)}\\
&-4m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{121}^{(21)} + 2m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{031}^{(20)} + 2m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{022}^{(10)}\\
&+4m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{112}^{(21)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{022}^{(20)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{013}^{(10)}\\
&-8m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{121}^{(21)} + 4m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{031}^{(20)} + 4m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{022}^{(10)}\\
&+4m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{130}^{(21)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{040}^{(20)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{031}^{(10)}\\
&+2m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(00)}m_{013}^{(21)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(00)}m_{004}^{(11)} + 4m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{112}^{(22)}\\
&-4m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{013}^{(20)} - 4m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(11)}m_{202}^{(22)} + 4m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(11)}m_{103}^{(20)}
\end{aligned}
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\begin{aligned}
&-4m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{121}^{(22)} - 4m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{112}^{(21)} + 4m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{103}^{(11)}\\
&+4m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{022}^{(20)} + 4m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(21)}m_{211}^{(22)} - 4m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(21)}m_{112}^{(20)}\\
&+2m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{211}^{(21)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{202}^{(11)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(00)}m_{022}^{(21)}\\
&+2m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(00)}m_{013}^{(11)} - 4m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{121}^{(22)} + 4m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{022}^{(20)}\\
&+4m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{211}^{(22)} - 4m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{112}^{(20)} + 4m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{130}^{(22)}\\
&+4m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{121}^{(21)} - 4m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{112}^{(11)} - 4m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{031}^{(20)}\\
&-4m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{220}^{(22)} + 4m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{121}^{(20)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{220}^{(21)}\\
&+2m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{211}^{(11)} + m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(00)}m_{031}^{(22)} - 3m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(00)}m_{022}^{(21)}\\
&+2m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(00)}m_{013}^{(11)} - 2m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{121}^{(22)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{022}^{(20)}\\
&+m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{211}^{(22)} + 3m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{202}^{(21)} - 2m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{112}^{(20)}\\
&-2m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{103}^{(10)} + 6m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{121}^{(21)} - 4m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{112}^{(11)}\\
&-2m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{031}^{(20)} - 6m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{211}^{(21)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{121}^{(20)}\\
&+4m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{112}^{(10)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(22)}m_{211}^{(11)} - 2m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(22)}m_{121}^{(10)}\\
&-m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(00)}m_{040}^{(22)} + 3m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(00)}m_{031}^{(21)} - 2m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(00)}m_{022}^{(11)}\\
&+2m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{130}^{(22)} - 2m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{031}^{(20)} - m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{220}^{(22)}\\
&-3m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{211}^{(21)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{121}^{(20)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{112}^{(10)}\\
&-6m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{130}^{(21)} + 4m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{121}^{(11)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{040}^{(20)}\\
&+6m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{220}^{(21)} - 2m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{130}^{(20)} - 4m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{121}^{(10)}\\
&-2m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(22)}m_{220}^{(11)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(22)}m_{130}^{(10)} + 2m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(10)}m_{013}^{(22)}\\
&-2m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(10)}m_{004}^{(21)} - 2m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(11)}m_{103}^{(22)} + 2m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(11)}m_{004}^{(20)}\\
&-2m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(20)}m_{022}^{(22)} + 2m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(20)}m_{013}^{(21)} + 4m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{112}^{(22)}\\
&-6m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{013}^{(20)} + 2m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{004}^{(10)} - 2m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{121}^{(22)}\\
&+4m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{022}^{(20)} - 2m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{013}^{(10)} - 2m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(10)}m_{013}^{(21)}\\
&+2m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(10)}m_{004}^{(11)} + m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(11)}m_{112}^{(22)} + m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(11)}m_{103}^{(21)}\\
&-2m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(11)}m_{004}^{(10)} + 2m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{022}^{(21)} - 2m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{013}^{(11)}\\
&-2m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{121}^{(22)} - 2m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{112}^{(21)} + 2m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{022}^{(20)}\\
&+2m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{013}^{(10)} + m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{130}^{(22)} + m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{121}^{(21)}\\
&-2m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{031}^{(20)} - 4m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{112}^{(22)} + 4m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{103}^{(21)}\\
&+2m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{211}^{(22)} - 2m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{202}^{(21)} - 2m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{022}^{(22)}\\
&+2m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{013}^{(21)} + 2m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(11)}m_{202}^{(22)} - 2m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(11)}m_{103}^{(20)}\\
&+4m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{121}^{(22)} - 4m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{112}^{(21)} - 4m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(21)}m_{211}^{(22)}\\
&+4m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(21)}m_{112}^{(20)} + 2m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{211}^{(21)} - 2m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{121}^{(20)}\\
&+2m_{100}^{(10)}m_{010}^{(11)}m_{010}^{(20)}m_{202}^{(22)} - 2m_{100}^{(10)}m_{010}^{(11)}m_{010}^{(20)}m_{004}^{(00)} - 2m_{100}^{(10)}m_{010}^{(11)}m_{010}^{(22)}m_{202}^{(20)}\\
&+2m_{100}^{(10)}m_{010}^{(11)}m_{010}^{(22)}m_{103}^{(00)} + m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{112}^{(22)} + m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{103}^{(21)}\\
&-2m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{004}^{(10)} - 2m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(10)}m_{202}^{(22)} + 2m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(10)}m_{004}^{(00)}\\
&-2m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{112}^{(20)} + 2m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{103}^{(10)} + 2m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(21)}m_{301}^{(22)}\\
&-2m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(21)}m_{103}^{(00)} - m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(22)}m_{310}^{(22)} - m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(22)}m_{301}^{(21)}\\
&+2m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(22)}m_{211}^{(20)} + 4m_{100}^{(10)}(m_{010}^{(20)})^2m_{121}^{(22)} - 4m_{100}^{(10)}(m_{010}^{(20)})^2m_{112}^{(21)}
\end{aligned}
$$

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\begin{aligned}
&-4m_{100}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{211}^{(22)} + 4m_{100}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{112}^{(20)} - 4m_{100}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{103}^{(10)}\\
&+4m_{100}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{013}^{(00)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{211}^{(21)} - 4m_{100}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{121}^{(20)}\\
&+4m_{100}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{112}^{(10)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{022}^{(00)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{031}^{(22)}\\
&-2m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{022}^{(21)} + 4m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{112}^{(21)} - 4m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{103}^{(11)}\\
&-2m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{211}^{(22)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{202}^{(21)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{112}^{(20)}\\
&+4m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{103}^{(10)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{013}^{(00)} - 4m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{130}^{(22)}\\
&+4m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{112}^{(11)} + 4m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{220}^{(22)} + 4m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{211}^{(21)}\\
&-4m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{112}^{(10)} - 4m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{022}^{(00)} - 4m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{220}^{(21)}\\
&+2m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{130}^{(20)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{031}^{(00)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{211}^{(20)}\\
&+2m_{100}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{202}^{(10)} - 4m_{100}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{112}^{(00)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{121}^{(22)}\\
&-2m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{112}^{(21)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{022}^{(20)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{013}^{(10)}\\
&+4m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{211}^{(22)} - 4m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{013}^{(00)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(11)}m_{301}^{(22)}\\
&+2m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(11)}m_{202}^{(20)} - 4m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(21)}m_{211}^{(20)} + 4m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(21)}m_{112}^{(00)}\\
&+2m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{310}^{(21)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{211}^{(10)} - 2m_{100}^{(10)}(m_{010}^{(22)})^2m_{211}^{(10)}\\
&+2m_{100}^{(10)}(m_{010}^{(22)})^2m_{121}^{(00)} + m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{130}^{(22)} + m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{121}^{(21)}\\
&-2m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{031}^{(20)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{220}^{(22)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{211}^{(21)}\\
&+2m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{202}^{(11)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{022}^{(00)} + m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(11)}m_{310}^{(22)}\\
&+m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(11)}m_{301}^{(21)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(11)}m_{211}^{(20)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(11)}m_{202}^{(10)}\\
&-2m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(11)}m_{112}^{(00)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{220}^{(21)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{211}^{(11)}\\
&+2m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{130}^{(20)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{121}^{(10)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{310}^{(21)}\\
&-2m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{220}^{(20)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{211}^{(10)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{121}^{(00)}\\
&+2m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(22)}m_{220}^{(10)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(22)}m_{130}^{(00)} + 2m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(10)}m_{022}^{(21)}\\
&-2m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(10)}m_{013}^{(11)} - 2m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{112}^{(21)} - 2m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{022}^{(20)}\\
&+4m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{013}^{(10)} - 2m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(20)}m_{031}^{(21)} + 2m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(20)}m_{022}^{(11)}\\
&+4m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{121}^{(21)} + 2m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{031}^{(20)} - 6m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{022}^{(10)}\\
&-2m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{130}^{(21)} + 2m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{031}^{(10)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(11)}m_{112}^{(20)}\\
&-2m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(11)}m_{013}^{(00)} - 4m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{121}^{(21)} + 4m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{112}^{(11)}\\
&-4m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{121}^{(20)} + 4m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{022}^{(00)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{220}^{(21)}\\
&-2m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{211}^{(11)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{130}^{(20)} - 2m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{031}^{(00)}\\
&+2m_{100}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{211}^{(20)} + 4m_{100}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{001}^{(20)}m_{121}^{(20)} - 6m_{100}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{001}^{(10)}m_{112}^{(10)}\\
&-2m_{100}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{001}^{(20)}m_{211}^{(20)} + 2m_{100}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{001}^{(00)}m_{112}^{(20)} - 2m_{100}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{001}^{(20)}m_{220}^{(10)}\\
&+2m_{100}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{001}^{(10)}m_{211}^{(20)} + 4m_{100}^{(10)}(m_{001}^{(20)})^2m_{130}^{(21)} - 4m_{100}^{(10)}(m_{001}^{(20)})^2m_{121}^{(11)}\\
&-4m_{100}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{220}^{(21)} - 4m_{100}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{130}^{(20)} + 8m_{100}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{121}^{(10)}\\
&+2m_{100}^{(10)}m_{001}^{(20)}m_{001}^{(22)}m_{220}^{(11)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{001}^{(22)}m_{130}^{(10)} + 4m_{100}^{(10)}(m_{001}^{(21)})^2m_{220}^{(20)}\\
&-4m_{100}^{(10)}(m_{001}^{(21)})^2m_{121}^{(00)} - 2m_{100}^{(10)}m_{001}^{(21)}m_{001}^{(22)}m_{220}^{(10)} + 2m_{100}^{(10)}m_{001}^{(21)}m_{001}^{(22)}m_{130}^{(00)}\\
&+(m_{100}^{(11)})^2m_{010}^{(00)}m_{103}^{(22)} - (m_{100}^{(11)})^2m_{010}^{(00)}m_{004}^{(20)} - 2(m_{100}^{(11)})^2m_{010}^{(20)}m_{202}^{(22)}\\
&+2(m_{100}^{(11)})^2m_{010}^{(20)}m_{103}^{(20)} + (m_{100}^{(11)})^2m_{010}^{(22)}m_{301}^{(22)} - (m_{100}^{(11)})^2m_{010}^{(22)}m_{202}^{(20)}\\
&-(m_{100}^{(11)})^2m_{001}^{(00)}m_{112}^{(22)} + (m_{100}^{(11)})^2m_{001}^{(00)}m_{013}^{(20)} + 2(m_{100}^{(11)})^2m_{001}^{(20)}m_{211}^{(22)}
\end{aligned}
$$

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\begin{aligned}
&-2(m_{100}^{(11)})^2 m_{001}^{(20)} m_{112}^{(20)} - (m_{100}^{(11)})^2 m_{001}^{(22)} m_{310}^{(22)} + (m_{100}^{(11)})^2 m_{001}^{(22)} m_{211}^{(20)} \\
&+2m_{100}^{(11)} m_{100}^{(20)} m_{010}^{(00)} m_{022}^{(22)} - 3m_{100}^{(11)} m_{100}^{(20)} m_{010}^{(00)} m_{013}^{(21)} + m_{100}^{(11)} m_{100}^{(20)} m_{010}^{(00)} m_{004}^{(11)} \\
&-4m_{100}^{(11)} m_{100}^{(20)} m_{010}^{(10)} m_{112}^{(22)} + 6m_{100}^{(11)} m_{100}^{(20)} m_{010}^{(10)} m_{103}^{(21)} - 2m_{100}^{(11)} m_{100}^{(20)} m_{010}^{(10)} m_{004}^{(10)} \\
&+2m_{100}^{(11)} m_{100}^{(20)} m_{010}^{(11)} m_{202}^{(22)} - 2m_{100}^{(11)} m_{100}^{(20)} m_{010}^{(11)} m_{103}^{(20)} - 2m_{100}^{(11)} m_{100}^{(20)} m_{010}^{(20)} m_{103}^{(11)} \\
&+2m_{100}^{(11)} m_{100}^{(20)} m_{010}^{(20)} m_{013}^{(10)} - 6m_{100}^{(11)} m_{100}^{(20)} m_{010}^{(21)} m_{202}^{(21)} + 4m_{100}^{(11)} m_{100}^{(20)} m_{010}^{(21)} m_{112}^{(20)} \\
&+2m_{100}^{(11)} m_{100}^{(20)} m_{010}^{(21)} m_{103}^{(10)} + 3m_{100}^{(11)} m_{100}^{(20)} m_{010}^{(22)} m_{211}^{(21)} + m_{100}^{(11)} m_{100}^{(20)} m_{010}^{(22)} m_{202}^{(11)} \\
&-2m_{100}^{(11)} m_{100}^{(20)} m_{010}^{(22)} m_{121}^{(20)} - 2m_{100}^{(11)} m_{100}^{(20)} m_{010}^{(22)} m_{112}^{(10)} - 2m_{100}^{(11)} m_{100}^{(20)} m_{001}^{(00)} m_{031}^{(22)} \\
&+3m_{100}^{(11)} m_{100}^{(20)} m_{001}^{(00)} m_{022}^{(21)} - m_{100}^{(11)} m_{100}^{(20)} m_{001}^{(00)} m_{013}^{(11)} + 4m_{100}^{(11)} m_{100}^{(20)} m_{001}^{(10)} m_{121}^{(22)} \\
&-6m_{100}^{(11)} m_{100}^{(20)} m_{001}^{(10)} m_{112}^{(21)} + 2m_{100}^{(11)} m_{100}^{(20)} m_{001}^{(10)} m_{013}^{(10)} - 2m_{100}^{(11)} m_{100}^{(20)} m_{001}^{(11)} m_{211}^{(22)} \\
&+2m_{100}^{(11)} m_{100}^{(20)} m_{001}^{(11)} m_{112}^{(20)} + 2m_{100}^{(11)} m_{100}^{(20)} m_{001}^{(20)} m_{112}^{(11)} - 2m_{100}^{(11)} m_{100}^{(20)} m_{001}^{(20)} m_{022}^{(10)} \\
&+6m_{100}^{(11)} m_{100}^{(20)} m_{001}^{(21)} m_{211}^{(21)} - 4m_{100}^{(11)} m_{100}^{(20)} m_{001}^{(21)} m_{121}^{(20)} - 2m_{100}^{(11)} m_{100}^{(20)} m_{001}^{(21)} m_{112}^{(10)} \\
&-3m_{100}^{(11)} m_{100}^{(20)} m_{001}^{(22)} m_{220}^{(21)} - m_{100}^{(11)} m_{100}^{(20)} m_{001}^{(22)} m_{211}^{(11)} + 2m_{100}^{(11)} m_{100}^{(20)} m_{001}^{(22)} m_{130}^{(20)} \\
&+2m_{100}^{(11)} m_{100}^{(20)} m_{001}^{(22)} m_{121}^{(10)} - 2m_{100}^{(11)} m_{100}^{(21)} m_{010}^{(00)} m_{112}^{(22)} - 2m_{100}^{(11)} m_{100}^{(21)} m_{010}^{(00)} m_{103}^{(21)} \\
&+3m_{100}^{(11)} m_{100}^{(21)} m_{010}^{(00)} m_{013}^{(20)} + m_{100}^{(11)} m_{100}^{(21)} m_{010}^{(00)} m_{004}^{(10)} + 2m_{100}^{(11)} m_{100}^{(21)} m_{010}^{(10)} m_{202}^{(22)} \\
&-2m_{100}^{(11)} m_{100}^{(21)} m_{010}^{(10)} m_{103}^{(20)} + 2m_{100}^{(11)} m_{100}^{(21)} m_{010}^{(20)} m_{211}^{(22)} + 4m_{100}^{(11)} m_{100}^{(21)} m_{010}^{(20)} m_{202}^{(21)} \\
&-4m_{100}^{(11)} m_{100}^{(21)} m_{010}^{(20)} m_{112}^{(20)} - 2m_{100}^{(11)} m_{100}^{(21)} m_{010}^{(20)} m_{103}^{(10)} - 2m_{100}^{(11)} m_{100}^{(21)} m_{010}^{(21)} m_{301}^{(22)} \\
&+2m_{100}^{(11)} m_{100}^{(21)} m_{010}^{(21)} m_{202}^{(20)} - 2m_{100}^{(11)} m_{100}^{(21)} m_{010}^{(22)} m_{301}^{(21)} + m_{100}^{(11)} m_{100}^{(21)} m_{010}^{(22)} m_{211}^{(20)} \\
&+m_{100}^{(11)} m_{100}^{(21)} m_{010}^{(22)} m_{202}^{(10)} + 2m_{100}^{(11)} m_{100}^{(21)} m_{001}^{(00)} m_{121}^{(22)} + 2m_{100}^{(11)} m_{100}^{(21)} m_{001}^{(00)} m_{112}^{(21)} \\
&-3m_{100}^{(11)} m_{100}^{(21)} m_{001}^{(00)} m_{022}^{(20)} - m_{100}^{(11)} m_{100}^{(21)} m_{001}^{(00)} m_{013}^{(10)} - 2m_{100}^{(11)} m_{100}^{(21)} m_{001}^{(10)} m_{211}^{(22)} \\
&+2m_{100}^{(11)} m_{100}^{(21)} m_{001}^{(10)} m_{112}^{(20)} - 2m_{100}^{(11)} m_{100}^{(21)} m_{001}^{(20)} m_{220}^{(22)} - 4m_{100}^{(11)} m_{100}^{(21)} m_{001}^{(20)} m_{211}^{(21)} \\
&+4m_{100}^{(11)} m_{100}^{(21)} m_{001}^{(20)} m_{121}^{(20)} + 2m_{100}^{(11)} m_{100}^{(21)} m_{001}^{(20)} m_{112}^{(10)} + 2m_{100}^{(11)} m_{100}^{(21)} m_{001}^{(21)} m_{310}^{(22)} \\
&-2m_{100}^{(11)} m_{100}^{(21)} m_{001}^{(21)} m_{211}^{(20)} + 2m_{100}^{(11)} m_{100}^{(21)} m_{001}^{(22)} m_{310}^{(21)} - m_{100}^{(11)} m_{100}^{(21)} m_{001}^{(22)} m_{220}^{(20)} \\
&-m_{100}^{(11)} m_{100}^{(21)} m_{001}^{(22)} m_{211}^{(10)} - m_{100}^{(11)} m_{100}^{(22)} m_{010}^{(00)} m_{121}^{(22)} + 4m_{100}^{(11)} m_{100}^{(22)} m_{010}^{(00)} m_{112}^{(21)} \\
&-m_{100}^{(11)} m_{100}^{(22)} m_{010}^{(00)} m_{103}^{(11)} - m_{100}^{(11)} m_{100}^{(22)} m_{010}^{(00)} m_{022}^{(20)} - m_{100}^{(11)} m_{100}^{(22)} m_{010}^{(00)} m_{013}^{(10)} \\
&+2m_{100}^{(11)} m_{100}^{(22)} m_{010}^{(10)} m_{211}^{(22)} - 4m_{100}^{(11)} m_{100}^{(22)} m_{010}^{(10)} m_{202}^{(21)} + 2m_{100}^{(11)} m_{100}^{(22)} m_{010}^{(10)} m_{103}^{(10)} \\
&-m_{100}^{(11)} m_{100}^{(22)} m_{010}^{(11)} m_{301}^{(22)} + m_{100}^{(11)} m_{100}^{(22)} m_{010}^{(11)} m_{202}^{(20)} - 4m_{100}^{(11)} m_{100}^{(22)} m_{010}^{(20)} m_{211}^{(21)} \\
&+2m_{100}^{(11)} m_{100}^{(22)} m_{010}^{(20)} m_{202}^{(11)} + 2m_{100}^{(11)} m_{100}^{(22)} m_{010}^{(20)} m_{121}^{(20)} + 4m_{100}^{(11)} m_{100}^{(22)} m_{010}^{(21)} m_{301}^{(21)} \\
&-2m_{100}^{(11)} m_{100}^{(22)} m_{010}^{(21)} m_{211}^{(20)} - 2m_{100}^{(11)} m_{100}^{(22)} m_{010}^{(21)} m_{202}^{(10)} - m_{100}^{(11)} m_{100}^{(22)} m_{010}^{(22)} m_{301}^{(11)} \\
&+m_{100}^{(11)} m_{100}^{(22)} m_{010}^{(22)} m_{211}^{(10)} + m_{100}^{(11)} m_{100}^{(22)} m_{001}^{(00)} m_{130}^{(22)} - 4m_{100}^{(11)} m_{100}^{(22)} m_{001}^{(00)} m_{121}^{(21)} \\
&+m_{100}^{(11)} m_{100}^{(22)} m_{001}^{(00)} m_{112}^{(11)} + m_{100}^{(11)} m_{100}^{(22)} m_{001}^{(00)} m_{031}^{(20)} + m_{100}^{(11)} m_{100}^{(22)} m_{001}^{(00)} m_{022}^{(10)} \\
&-2m_{100}^{(11)} m_{100}^{(22)} m_{001}^{(10)} m_{220}^{(22)} + 4m_{100}^{(11)} m_{100}^{(22)} m_{001}^{(10)} m_{211}^{(21)} - 2m_{100}^{(11)} m_{100}^{(22)} m_{001}^{(10)} m_{112}^{(10)} \\
&+m_{100}^{(11)} m_{100}^{(22)} m_{001}^{(11)} m_{310}^{(22)} - m_{100}^{(11)} m_{100}^{(22)} m_{001}^{(11)} m_{211}^{(20)} + 4m_{100}^{(11)} m_{100}^{(22)} m_{001}^{(20)} m_{220}^{(21)} \\
&-2m_{100}^{(11)} m_{100}^{(22)} m_{001}^{(20)} m_{211}^{(11)} - 2m_{100}^{(11)} m_{100}^{(22)} m_{001}^{(20)} m_{130}^{(20)} - 4m_{100}^{(11)} m_{100}^{(22)} m_{001}^{(21)} m_{310}^{(21)} \\
&+2m_{100}^{(11)} m_{100}^{(22)} m_{001}^{(21)} m_{220}^{(20)} + 2m_{100}^{(11)} m_{100}^{(22)} m_{001}^{(21)} m_{211}^{(10)} + m_{100}^{(11)} m_{100}^{(22)} m_{001}^{(22)} m_{310}^{(11)} \\
&-m_{100}^{(11)} m_{100}^{(22)} m_{001}^{(22)} m_{220}^{(10)} - m_{100}^{(11)} (m_{010}^{(00)})^2 m_{013}^{(22)} + m_{100}^{(11)} (m_{010}^{(00)})^2 m_{004}^{(21)} \\
&+m_{100}^{(11)} m_{010}^{(00)} m_{010}^{(10)} m_{103}^{(22)} - m_{100}^{(11)} m_{010}^{(00)} m_{010}^{(10)} m_{004}^{(20)} + 2m_{100}^{(11)} m_{010}^{(00)} m_{010}^{(20)} m_{112}^{(22)} \\
&-3m_{100}^{(11)} m_{010}^{(00)} m_{010}^{(20)} m_{103}^{(21)} + 2m_{100}^{(11)} m_{010}^{(00)} m_{010}^{(20)} m_{013}^{(20)} - m_{100}^{(11)} m_{010}^{(00)} m_{010}^{(20)} m_{004}^{(10)} \\
&-2m_{100}^{(11)} m_{010}^{(00)} m_{010}^{(21)} m_{202}^{(22)} + 3m_{100}^{(11)} m_{010}^{(00)} m_{010}^{(21)} m_{103}^{(20)} - m_{100}^{(11)} m_{010}^{(00)} m_{010}^{(21)} m_{004}^{(00)}
\end{aligned}
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\begin{aligned}
&+m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(22)}m_{211}^{(22)}+m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(22)}m_{202}^{(21)}-4m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(22)}m_{112}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(22)}m_{103}^{(10)}+m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(22)}m_{013}^{(00)}+m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(00)}m_{022}^{(22)}\\
&-m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(00)}m_{004}^{(11)}-m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(10)}m_{103}^{(21)}+m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(10)}m_{013}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(11)}m_{202}^{(22)}+m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(11)}m_{004}^{(00)}-2m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{121}^{(22)}\\
&+2m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{112}^{(21)}+m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{103}^{(11)}-2m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{022}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{013}^{(10)}+2m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(21)}m_{211}^{(22)}+2m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(21)}m_{202}^{(21)}\\
&-2m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(21)}m_{112}^{(20)}-m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(21)}m_{103}^{(10)}-m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(21)}m_{013}^{(00)}\\
&-3m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(22)}m_{211}^{(21)}+3m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(22)}m_{121}^{(20)}-2m_{100}^{(11)}m_{010}^{(10)}m_{010}^{(20)}m_{103}^{(20)}\\
&+2m_{100}^{(11)}m_{010}^{(10)}m_{010}^{(20)}m_{004}^{(00)}-m_{100}^{(11)}m_{010}^{(10)}m_{010}^{(22)}m_{301}^{(22)}+3m_{100}^{(11)}m_{010}^{(10)}m_{010}^{(22)}m_{202}^{(20)}\\
&-2m_{100}^{(11)}m_{010}^{(10)}m_{010}^{(22)}m_{103}^{(00)}-m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{112}^{(22)}-m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{013}^{(20)}\\
&+2m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{004}^{(10)}+2m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(10)}m_{103}^{(20)}-2m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(10)}m_{004}^{(00)}\\
&+2m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{211}^{(22)}-2m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{202}^{(21)}+2m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{112}^{(20)}\\
&-2m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{103}^{(10)}-2m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(21)}m_{202}^{(20)}+2m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(21)}m_{103}^{(00)}\\
&-m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(22)}m_{310}^{(22)}+2m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(22)}m_{301}^{(21)}-m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(22)}m_{211}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(11)}m_{001}^{(00)}m_{202}^{(22)}-m_{100}^{(11)}m_{010}^{(11)}m_{001}^{(00)}m_{103}^{(20)}-2m_{100}^{(11)}m_{010}^{(11)}m_{001}^{(20)}m_{301}^{(22)}\\
&+2m_{100}^{(11)}m_{010}^{(11)}m_{001}^{(20)}m_{202}^{(20)}+m_{100}^{(11)}m_{010}^{(11)}m_{001}^{(22)}m_{400}^{(22)}-m_{100}^{(11)}m_{010}^{(11)}m_{001}^{(22)}m_{301}^{(20)}\\
&-2m_{100}^{(11)}(m_{010}^{(20)})^2m_{211}^{(22)}+2m_{100}^{(11)}(m_{010}^{(20)})^2m_{202}^{(21)}+2m_{100}^{(11)}(m_{010}^{(20)})^2m_{103}^{(10)}\\
&-2m_{100}^{(11)}(m_{010}^{(20)})^2m_{013}^{(00)}+2m_{100}^{(11)}m_{010}^{(20)}m_{010}^{(21)}m_{301}^{(22)}-2m_{100}^{(11)}m_{010}^{(20)}m_{010}^{(21)}m_{202}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(20)}m_{010}^{(22)}m_{301}^{(21)}+2m_{100}^{(11)}m_{010}^{(20)}m_{010}^{(22)}m_{211}^{(20)}-3m_{100}^{(11)}m_{010}^{(20)}m_{010}^{(22)}m_{202}^{(10)}\\
&+2m_{100}^{(11)}m_{010}^{(20)}m_{010}^{(22)}m_{112}^{(00)}-m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{112}^{(21)}+2m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{103}^{(11)}\\
&-m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{013}^{(10)}-2m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{211}^{(22)}+2m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{202}^{(21)}\\
&+2m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(11)}m_{301}^{(22)}-2m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(11)}m_{103}^{(00)}+2m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{220}^{(22)}\\
&-2m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{202}^{(11)}-2m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{112}^{(10)}+2m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{022}^{(00)}\\
&-2m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{310}^{(22)}-4m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{301}^{(21)}+2m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{211}^{(20)}\\
&+2m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{202}^{(10)}+2m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{112}^{(00)}+3m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{310}^{(21)}\\
&-2m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{220}^{(20)}+m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{211}^{(10)}-2m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{121}^{(00)}\\
&-m_{100}^{(11)}m_{010}^{(21)}m_{010}^{(22)}m_{301}^{(20)}+m_{100}^{(11)}m_{010}^{(21)}m_{010}^{(22)}m_{202}^{(00)}+m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{112}^{(20)}\\
&-2m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{103}^{(10)}+m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{013}^{(00)}-2m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(10)}m_{202}^{(20)}\\
&+2m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(10)}m_{103}^{(00)}+2m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{301}^{(21)}-2m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{211}^{(20)}\\
&+2m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{202}^{(10)}-2m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{112}^{(00)}+2m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(21)}m_{301}^{(20)}\\
&-2m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(21)}m_{202}^{(00)}-2m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(22)}m_{400}^{(21)}+m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(22)}m_{310}^{(20)}\\
&+m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(22)}m_{211}^{(00)}+m_{100}^{(11)}(m_{010}^{(22)})^2m_{301}^{(10)}-m_{100}^{(11)}(m_{010}^{(22)})^2m_{211}^{(00)}\\
&-m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{220}^{(22)}+m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{211}^{(21)}-m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{202}^{(11)}\\
&+m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{121}^{(20)}+m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{112}^{(10)}-m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{022}^{(00)}\\
&+2m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(10)}m_{310}^{(22)}-m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(10)}m_{301}^{(21)}-m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(10)}m_{211}^{(20)}\\
&-m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(11)}m_{400}^{(22)}+m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(11)}m_{202}^{(00)}-2m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{310}^{(21)}\\
&+m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{301}^{(11)}+m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{211}^{(10)}+2m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(21)}m_{400}^{(21)}\\
&-m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(21)}m_{301}^{(10)}-m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(21)}m_{211}^{(00)}-m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(22)}m_{310}^{(10)}
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\begin{aligned}
&+m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(22)}m_{220}^{(00)} - m_{100}^{(11)}(m_{001}^{(00)})^2m_{022}^{(21)} + m_{100}^{(11)}(m_{001}^{(00)})^2m_{013}^{(11)}\\
&+m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{112}^{(21)} + m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{022}^{(20)} - 2m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{013}^{(10)}\\
&+m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{112}^{(20)} - m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{013}^{(00)} + 2m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{121}^{(21)}\\
&-3m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{112}^{(11)} + m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{022}^{(10)} - 2m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{211}^{(21)}\\
&-2m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{121}^{(20)} + 3m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{112}^{(10)} + m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{022}^{(00)}\\
&+m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{220}^{(21)} + m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{211}^{(11)} - 2m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{121}^{(10)}\\
&-2m_{100}^{(11)}(m_{001}^{(10)})^2m_{112}^{(20)} + 2m_{100}^{(11)}(m_{001}^{(10)})^2m_{013}^{(00)} + 2m_{100}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{112}^{(10)}\\
&-2m_{100}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{022}^{(00)} + 4m_{100}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{211}^{(20)} - 4m_{100}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{112}^{(00)}\\
&-m_{100}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{310}^{(21)} - m_{100}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{220}^{(20)} + 2m_{100}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{121}^{(00)}\\
&-2m_{100}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{211}^{(20)} + 2m_{100}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{112}^{(00)} + m_{100}^{(11)}m_{001}^{(11)}m_{001}^{(22)}m_{310}^{(20)}\\
&-m_{100}^{(11)}m_{001}^{(11)}m_{001}^{(22)}m_{211}^{(00)} - 2m_{100}^{(11)}(m_{001}^{(20)})^2m_{220}^{(21)} + 2m_{100}^{(11)}(m_{001}^{(20)})^2m_{211}^{(11)}\\
&+2m_{100}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{310}^{(21)} + 2m_{100}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{220}^{(20)} - 4m_{100}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{211}^{(10)}\\
&-m_{100}^{(11)}m_{001}^{(20)}m_{001}^{(22)}m_{310}^{(11)} + m_{100}^{(11)}m_{001}^{(20)}m_{001}^{(22)}m_{220}^{(10)} - 2m_{100}^{(11)}(m_{001}^{(21)})^2m_{310}^{(20)}\\
&+2m_{100}^{(11)}(m_{001}^{(21)})^2m_{211}^{(00)} + m_{100}^{(11)}m_{001}^{(21)}m_{001}^{(22)}m_{310}^{(10)} - m_{100}^{(11)}m_{001}^{(21)}m_{001}^{(22)}m_{220}^{(00)}\\
&+2(m_{100}^{(20)})^2m_{010}^{(11)}m_{103}^{(11)} - 2(m_{100}^{(20)})^2m_{010}^{(11)}m_{013}^{(10)} - 4(m_{100}^{(20)})^2m_{010}^{(21)}m_{112}^{(11)}\\
&+4(m_{100}^{(20)})^2m_{010}^{(21)}m_{022}^{(10)} + 2(m_{100}^{(20)})^2m_{010}^{(22)}m_{121}^{(11)} - 2(m_{100}^{(20)})^2m_{010}^{(22)}m_{031}^{(10)}\\
&-2(m_{100}^{(20)})^2m_{001}^{(11)}m_{112}^{(11)} + 2(m_{100}^{(20)})^2m_{001}^{(11)}m_{022}^{(10)} + 4(m_{100}^{(20)})^2m_{001}^{(21)}m_{121}^{(11)}\\
&-4(m_{100}^{(20)})^2m_{001}^{(21)}m_{031}^{(10)} - 2(m_{100}^{(20)})^2m_{001}^{(22)}m_{130}^{(11)} + 2(m_{100}^{(20)})^2m_{001}^{(22)}m_{040}^{(10)}\\
&-2m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(00)}m_{031}^{(22)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(00)}m_{022}^{(21)} + 4m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{121}^{(22)}\\
&-4m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{112}^{(21)} - 4m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{103}^{(11)} + 4m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{013}^{(10)}\\
&-2m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{211}^{(22)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{202}^{(21)} + 4m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{112}^{(11)}\\
&-4m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{022}^{(10)} + 4m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{202}^{(11)} - 4m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{112}^{(10)}\\
&-4m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(22)}m_{211}^{(11)} + 4m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(22)}m_{121}^{(10)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(00)}m_{040}^{(22)}\\
&-2m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(00)}m_{031}^{(21)} - 4m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{130}^{(22)} + 4m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{121}^{(21)}\\
&+4m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{112}^{(11)} - 4m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{022}^{(10)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(11)}m_{220}^{(22)}\\
&-2m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(11)}m_{211}^{(21)} - 4m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(20)}m_{121}^{(11)} + 4m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(20)}m_{031}^{(10)}\\
&-4m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(21)}m_{211}^{(11)} + 4m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(21)}m_{121}^{(10)} + 4m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(22)}m_{220}^{(11)}\\
&-4m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(22)}m_{130}^{(10)} + m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(00)}m_{031}^{(21)} - m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(00)}m_{022}^{(11)}\\
&-2m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{121}^{(21)} + 4m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{112}^{(11)} - 2m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{022}^{(10)}\\
&+m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{211}^{(21)} - 3m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{202}^{(11)} + 2m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{112}^{(10)}\\
&-2m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(20)}m_{121}^{(11)} + 2m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(20)}m_{031}^{(10)} + 2m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(21)}m_{211}^{(11)}\\
&-2m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(21)}m_{121}^{(10)} - m_{100}^{(20)}m_{100}^{(22)}m_{001}^{(00)}m_{040}^{(21)} + m_{100}^{(20)}m_{100}^{(22)}m_{001}^{(00)}m_{031}^{(11)}\\
&+2m_{100}^{(20)}m_{100}^{(22)}m_{001}^{(10)}m_{130}^{(21)} - 4m_{100}^{(20)}m_{100}^{(22)}m_{001}^{(10)}m_{121}^{(11)} + 2m_{100}^{(20)}m_{100}^{(22)}m_{001}^{(10)}m_{031}^{(10)}\\
&-m_{100}^{(20)}m_{100}^{(22)}m_{001}^{(11)}m_{220}^{(21)} + 3m_{100}^{(20)}m_{100}^{(22)}m_{001}^{(11)}m_{211}^{(11)} - 2m_{100}^{(20)}m_{100}^{(22)}m_{001}^{(11)}m_{121}^{(10)}\\
&+2m_{100}^{(20)}m_{100}^{(22)}m_{001}^{(20)}m_{130}^{(11)} - 2m_{100}^{(20)}m_{100}^{(22)}m_{001}^{(20)}m_{040}^{(10)} - 2m_{100}^{(20)}m_{100}^{(22)}m_{001}^{(21)}m_{220}^{(11)}\\
&+2m_{100}^{(20)}m_{100}^{(22)}m_{001}^{(21)}m_{130}^{(10)} - 2m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(10)}m_{022}^{(22)} + 2m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(10)}m_{013}^{(21)}\\
&+2m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(11)}m_{103}^{(21)} - 2m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(11)}m_{013}^{(20)} + 2m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(20)}m_{031}^{(22)}\\
&-2m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(20)}m_{022}^{(21)} - 4m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{112}^{(21)} + 6m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{022}^{(20)}
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\begin{aligned}
&-2m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{013}^{(10)} + 2m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(22)}m_{121}^{(21)} - 4m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(22)}m_{031}^{(20)}\\
&+2m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(22)}m_{022}^{(10)} + 2m_{100}^{(20)}m_{010}^{(00)}m_{001}^{(10)}m_{022}^{(21)} - 2m_{100}^{(20)}m_{010}^{(00)}m_{001}^{(10)}m_{013}^{(11)}\\
&-m_{100}^{(20)}m_{010}^{(00)}m_{001}^{(11)}m_{112}^{(21)} - m_{100}^{(20)}m_{010}^{(00)}m_{001}^{(11)}m_{103}^{(11)} + 2m_{100}^{(20)}m_{010}^{(00)}m_{001}^{(11)}m_{013}^{(10)}\\
&-2m_{100}^{(20)}m_{010}^{(00)}m_{001}^{(20)}m_{031}^{(21)} + 2m_{100}^{(20)}m_{010}^{(00)}m_{001}^{(20)}m_{022}^{(11)} + 2m_{100}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{121}^{(21)}\\
&+2m_{100}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{112}^{(11)} - 2m_{100}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{031}^{(20)} - 2m_{100}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{022}^{(10)}\\
&-m_{100}^{(20)}m_{010}^{(00)}m_{001}^{(22)}m_{130}^{(21)} - m_{100}^{(20)}m_{010}^{(00)}m_{001}^{(22)}m_{121}^{(11)} + 2m_{100}^{(20)}m_{010}^{(00)}m_{001}^{(22)}m_{040}^{(20)}\\
&+4m_{100}^{(20)}(m_{010}^{(10)})^2m_{112}^{(22)} - 4m_{100}^{(20)}(m_{010}^{(10)})^2m_{103}^{(21)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(11)}m_{202}^{(22)}\\
&+2m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(11)}m_{103}^{(20)} - 4m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{121}^{(22)} + 4m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{112}^{(21)}\\
&+4m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{202}^{(21)} - 8m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{112}^{(20)} + 4m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{103}^{(10)}\\
&-2m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{211}^{(21)} + 6m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{121}^{(20)} - 4m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{112}^{(10)}\\
&+2m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(00)}m_{031}^{(22)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(00)}m_{022}^{(21)} - 4m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{121}^{(22)}\\
&+4m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{103}^{(11)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{211}^{(22)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{202}^{(21)}\\
&+2m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{112}^{(20)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{103}^{(10)} + 4m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{121}^{(21)}\\
&-4m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{112}^{(11)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(22)}m_{130}^{(20)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(22)}m_{121}^{(10)}\\
&+2m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{211}^{(22)} - 2m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{202}^{(21)} - 2m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{103}^{(10)}\\
&+2m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{013}^{(00)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(21)}m_{202}^{(20)} - 2m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(21)}m_{103}^{(00)}\\
&-2m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{211}^{(20)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{202}^{(10)} - m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{112}^{(21)}\\
&-m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{103}^{(11)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{013}^{(10)} + 4m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{202}^{(21)}\\
&-2m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{103}^{(10)} - 2m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{013}^{(00)} - 2m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(11)}m_{202}^{(20)}\\
&+2m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(11)}m_{103}^{(00)} - 2m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{211}^{(21)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{112}^{(10)}\\
&-2m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{301}^{(21)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{211}^{(20)} + m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(22)}m_{310}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(22)}m_{301}^{(11)} - 2m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(22)}m_{211}^{(10)} + 4m_{100}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{112}^{(10)}\\
&-4m_{100}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{022}^{(00)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{010}^{(22)}m_{121}^{(10)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{010}^{(22)}m_{031}^{(00)}\\
&-2m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(00)}m_{040}^{(22)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(00)}m_{031}^{(21)} + 4m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{130}^{(22)}\\
&-4m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{121}^{(21)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{220}^{(22)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{211}^{(21)}\\
&+2m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{202}^{(11)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{022}^{(00)} - 4m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(21)}m_{211}^{(11)}\\
&+4m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(21)}m_{031}^{(00)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(22)}m_{220}^{(11)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(22)}m_{040}^{(00)}\\
&-4m_{100}^{(20)}(m_{010}^{(21)})^2m_{202}^{(10)} + 4m_{100}^{(20)}(m_{010}^{(21)})^2m_{112}^{(00)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{010}^{(22)}m_{211}^{(10)}\\
&-2m_{100}^{(20)}m_{010}^{(21)}m_{010}^{(22)}m_{121}^{(00)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{121}^{(21)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{112}^{(11)}\\
&-2m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{031}^{(20)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{022}^{(10)} - 4m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{211}^{(21)}\\
&-4m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{202}^{(11)} + 4m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{121}^{(20)} + 4m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{022}^{(00)}\\
&+2m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{301}^{(21)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{211}^{(20)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{202}^{(10)}\\
&-2m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{112}^{(00)} + 4m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{211}^{(11)} - 4m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{121}^{(10)}\\
&+4m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(21)}m_{211}^{(10)} - 4m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(21)}m_{121}^{(00)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(22)}m_{310}^{(11)}\\
&+2m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(22)}m_{130}^{(00)} - m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(00)}m_{130}^{(21)} - m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(00)}m_{121}^{(11)}\\
&+2m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(00)}m_{040}^{(20)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{220}^{(21)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{211}^{(11)}\\
&-4m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{130}^{(20)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{121}^{(10)} - 2m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{031}^{(00)}\\
&-m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(11)}m_{310}^{(21)} - m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(11)}m_{301}^{(11)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(11)}m_{220}^{(20)}
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&-2m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(11)}m_{211}^{(10)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(11)}m_{121}^{(00)} - 2m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(20)}m_{220}^{(11)}\\
&+2m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(20)}m_{130}^{(10)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(21)}m_{310}^{(11)} - 2m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(21)}m_{220}^{(10)}\\
&-2m_{100}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{031}^{(21)} + 2m_{100}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{022}^{(11)} + 2m_{100}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{112}^{(11)}\\
&+2m_{100}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{031}^{(20)} - 4m_{100}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{022}^{(10)} + 2m_{100}^{(20)}m_{001}^{(00)}m_{001}^{(20)}m_{040}^{(21)}\\
&-2m_{100}^{(20)}m_{001}^{(00)}m_{001}^{(20)}m_{031}^{(11)} - 4m_{100}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{121}^{(11)} - 2m_{100}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{040}^{(20)}\\
&+6m_{100}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{031}^{(10)} + 2m_{100}^{(20)}m_{001}^{(00)}m_{001}^{(22)}m_{130}^{(11)} - 2m_{100}^{(20)}m_{001}^{(00)}m_{001}^{(22)}m_{040}^{(10)}\\
&+4m_{100}^{(20)}(m_{001}^{(10)})^2m_{121}^{(21)} - 4m_{100}^{(20)}(m_{001}^{(10)})^2m_{112}^{(11)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{211}^{(21)}\\
&-4m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{121}^{(20)} + 4m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{112}^{(10)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{022}^{(00)}\\
&-4m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{130}^{(21)} + 4m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{121}^{(11)} + 4m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{211}^{(11)}\\
&+4m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{130}^{(20)} - 4m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{121}^{(10)} - 4m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{031}^{(00)}\\
&-2m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(22)}m_{220}^{(11)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(22)}m_{040}^{(00)} + 2m_{100}^{(20)}(m_{001}^{(11)})^2m_{211}^{(20)}\\
&-2m_{100}^{(20)}(m_{001}^{(11)})^2m_{112}^{(00)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{220}^{(21)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{211}^{(11)}\\
&-2m_{100}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{220}^{(20)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{211}^{(10)} + 4m_{100}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{121}^{(00)}\\
&+2m_{100}^{(20)}m_{001}^{(11)}m_{001}^{(22)}m_{220}^{(10)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{001}^{(22)}m_{130}^{(00)} + 2(m_{100}^{(21)})^2m_{010}^{(00)}m_{121}^{(22)}\\
&+2(m_{100}^{(21)})^2m_{010}^{(00)}m_{103}^{(11)} - 2(m_{100}^{(21)})^2m_{010}^{(00)}m_{022}^{(20)} - 2(m_{100}^{(21)})^2m_{010}^{(00)}m_{013}^{(10)}\\
&-4(m_{100}^{(21)})^2m_{010}^{(10)}m_{211}^{(22)} + 4(m_{100}^{(21)})^2m_{010}^{(10)}m_{112}^{(20)} + 2(m_{100}^{(21)})^2m_{010}^{(11)}m_{301}^{(22)}\\
&-2(m_{100}^{(21)})^2m_{010}^{(11)}m_{202}^{(20)} - 4(m_{100}^{(21)})^2m_{010}^{(20)}m_{202}^{(11)} + 4(m_{100}^{(21)})^2m_{010}^{(20)}m_{112}^{(10)}\\
&+2(m_{100}^{(21)})^2m_{010}^{(22)}m_{301}^{(11)} - 2(m_{100}^{(21)})^2m_{010}^{(22)}m_{211}^{(10)} - 2(m_{100}^{(21)})^2m_{001}^{(00)}m_{130}^{(22)}\\
&-2(m_{100}^{(21)})^2m_{001}^{(00)}m_{112}^{(11)} + 2(m_{100}^{(21)})^2m_{001}^{(00)}m_{031}^{(20)} + 2(m_{100}^{(21)})^2m_{001}^{(00)}m_{022}^{(10)}\\
&+4(m_{100}^{(21)})^2m_{001}^{(10)}m_{220}^{(22)} - 4(m_{100}^{(21)})^2m_{001}^{(10)}m_{121}^{(20)} - 2(m_{100}^{(21)})^2m_{001}^{(11)}m_{310}^{(22)}\\
&+2(m_{100}^{(21)})^2m_{001}^{(11)}m_{211}^{(20)} + 4(m_{100}^{(21)})^2m_{001}^{(20)}m_{211}^{(11)} - 4(m_{100}^{(21)})^2m_{001}^{(20)}m_{121}^{(10)}\\
&-2(m_{100}^{(21)})^2m_{001}^{(22)}m_{310}^{(11)} + 2(m_{100}^{(21)})^2m_{001}^{(22)}m_{220}^{(10)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{121}^{(21)}\\
&-2m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{112}^{(11)} + m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{031}^{(20)} + 3m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{022}^{(10)}\\
&+4m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{211}^{(21)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{202}^{(11)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{121}^{(20)}\\
&-4m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{112}^{(10)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(11)}m_{301}^{(21)} + m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(11)}m_{211}^{(20)}\\
&+m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(11)}m_{202}^{(10)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{211}^{(11)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{121}^{(10)}\\
&-2m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(21)}m_{301}^{(11)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(21)}m_{211}^{(10)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(00)}m_{130}^{(21)}\\
&+2m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(00)}m_{121}^{(11)} - m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(00)}m_{040}^{(20)} - 3m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(00)}m_{031}^{(10)}\\
&-4m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(10)}m_{220}^{(21)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(10)}m_{211}^{(11)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(10)}m_{130}^{(20)}\\
&+4m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(10)}m_{121}^{(10)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(11)}m_{310}^{(21)} - m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(11)}m_{220}^{(20)}\\
&-m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(11)}m_{211}^{(10)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(20)}m_{220}^{(11)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(20)}m_{130}^{(10)}\\
&+2m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(21)}m_{310}^{(11)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(21)}m_{220}^{(10)} + 2m_{100}^{(21)}(m_{010}^{(00)})^2m_{022}^{(22)}\\
&-2m_{100}^{(21)}(m_{010}^{(00)})^2m_{013}^{(21)} - 4m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(10)}m_{112}^{(22)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(10)}m_{103}^{(21)}\\
&+2m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(10)}m_{013}^{(20)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(11)}m_{202}^{(22)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(11)}m_{103}^{(20)}\\
&-2m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{121}^{(22)} + 4m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{112}^{(21)} - 4m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{022}^{(20)}\\
&+2m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{013}^{(10)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{103}^{(10)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{013}^{(00)}\\
&-2m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{211}^{(21)} + 4m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{121}^{(20)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{022}^{(00)}\\
&-2m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(00)}m_{031}^{(22)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(00)}m_{013}^{(11)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{121}^{(22)}
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&-2m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{022}^{(20)} + m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(11)}m_{112}^{(20)} + m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(11)}m_{103}^{(10)}\\
&-2m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(11)}m_{013}^{(00)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{130}^{(22)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{121}^{(21)}\\
&-2m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{112}^{(11)} + 4m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{031}^{(20)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{022}^{(10)}\\
&-2m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{220}^{(22)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{202}^{(11)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{112}^{(10)}\\
&+2m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{022}^{(00)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(22)}m_{220}^{(21)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(22)}m_{211}^{(11)}\\
&-3m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(22)}m_{130}^{(20)} - m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(22)}m_{121}^{(10)} + 4m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{211}^{(22)}\\
&-4m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{202}^{(21)} + 4m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{112}^{(20)} - 4m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{013}^{(00)}\\
&+2m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{301}^{(21)} - 6m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{211}^{(20)} + 4m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{112}^{(00)}\\
&+2m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{121}^{(22)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{112}^{(21)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{103}^{(11)}\\
&+2m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{022}^{(20)} - 4m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{013}^{(10)} - 4m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(10)}m_{112}^{(20)}\\
&+4m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(10)}m_{013}^{(00)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(11)}m_{301}^{(22)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(11)}m_{202}^{(20)}\\
&-4m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{220}^{(22)} + 4m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{202}^{(11)} - 4m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{121}^{(20)}\\
&+4m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{112}^{(10)} + 4m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{310}^{(22)} - 4m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{112}^{(00)}\\
&-2m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(22)}m_{310}^{(21)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(22)}m_{301}^{(11)} + 4m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(22)}m_{220}^{(20)}\\
&-2m_{100}^{(21)}m_{010}^{(11)}m_{010}^{(20)}m_{301}^{(22)} + 2m_{100}^{(21)}m_{010}^{(11)}m_{010}^{(20)}m_{103}^{(00)} + 2m_{100}^{(21)}m_{010}^{(11)}m_{010}^{(22)}m_{301}^{(20)}\\
&-2m_{100}^{(21)}m_{010}^{(11)}m_{010}^{(22)}m_{202}^{(00)} - 2m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{211}^{(22)} - 2m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{202}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{112}^{(20)} + 3m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{103}^{(10)} + 2m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(10)}m_{301}^{(22)}\\
&-2m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(10)}m_{103}^{(00)} + 2m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(20)}m_{310}^{(22)} + 2m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(20)}m_{301}^{(21)}\\
&-4m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(20)}m_{202}^{(10)} - 2m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(21)}m_{400}^{(22)} + 2m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(21)}m_{202}^{(00)}\\
&-m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(22)}m_{310}^{(20)} + m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(22)}m_{301}^{(10)} - 4m_{100}^{(21)}(m_{010}^{(20)})^2m_{112}^{(10)}\\
&+4m_{100}^{(21)}(m_{010}^{(20)})^2m_{022}^{(00)} + 4m_{100}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{202}^{(10)} - 4m_{100}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{112}^{(00)}\\
&+2m_{100}^{(21)}m_{010}^{(20)}m_{010}^{(22)}m_{211}^{(10)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{010}^{(22)}m_{121}^{(00)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{112}^{(11)}\\
&+2m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{022}^{(10)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(11)}m_{202}^{(10)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(11)}m_{112}^{(00)}\\
&+4m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(20)}m_{121}^{(10)} - 4m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(20)}m_{031}^{(00)} + 4m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(21)}m_{301}^{(11)}\\
&-4m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(21)}m_{211}^{(10)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(22)}m_{310}^{(11)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(22)}m_{130}^{(00)}\\
&-2m_{100}^{(21)}m_{010}^{(21)}m_{010}^{(22)}m_{301}^{(10)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{010}^{(22)}m_{211}^{(00)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{220}^{(22)}\\
&+2m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{202}^{(11)} - 2m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{121}^{(20)} - 2m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{022}^{(00)}\\
&-4m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{310}^{(22)} + 4m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{211}^{(20)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(11)}m_{400}^{(22)}\\
&-2m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(11)}m_{301}^{(20)} - 4m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{301}^{(11)} + 4m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{121}^{(00)}\\
&+2m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(22)}m_{400}^{(11)} - 2m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(22)}m_{220}^{(00)} - m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{130}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{121}^{(10)} + 2m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{031}^{(00)} + 2m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(10)}m_{220}^{(20)}\\
&-2m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(10)}m_{121}^{(00)} - m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(11)}m_{310}^{(20)} + m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(11)}m_{301}^{(10)}\\
&+2m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(20)}m_{310}^{(11)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(20)}m_{220}^{(10)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(21)}m_{400}^{(11)}\\
&+2m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(21)}m_{310}^{(10)} + 2m_{100}^{(21)}(m_{001}^{(00)})^2m_{031}^{(21)} - 2m_{100}^{(21)}(m_{001}^{(00)})^2m_{022}^{(11)}\\
&-4m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{121}^{(21)} + 2m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{112}^{(11)} - 2m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{031}^{(20)}\\
&+4m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{022}^{(10)} + 2m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{211}^{(21)} - 4m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{112}^{(10)}\\
&+2m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{022}^{(00)} - 2m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{130}^{(21)} + 4m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{121}^{(11)}\\
&-2m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{031}^{(10)} + 2m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{130}^{(20)} - 2m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{031}^{(00)}
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&-2m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(22)}m_{220}^{(11)} + 2m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(22)}m_{130}^{(10)} + 4m_{100}^{(21)}(m_{001}^{(10)})^2m_{121}^{(20)}\\
&-4m_{100}^{(21)}(m_{001}^{(10)})^2m_{022}^{(00)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{211}^{(20)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{112}^{(00)}\\
&+4m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{220}^{(21)} - 4m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{211}^{(11)} - 4m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{121}^{(10)}\\
&+4m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{031}^{(00)} - 4m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{220}^{(20)} + 4m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{121}^{(00)}\\
&+2m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(22)}m_{310}^{(11)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(22)}m_{130}^{(00)} - 2m_{100}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{310}^{(21)}\\
&+6m_{100}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{211}^{(10)} - 4m_{100}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{121}^{(00)} + 2m_{100}^{(21)}m_{001}^{(11)}m_{001}^{(21)}m_{310}^{(20)}\\
&-2m_{100}^{(21)}m_{001}^{(11)}m_{001}^{(21)}m_{211}^{(00)} - 2m_{100}^{(21)}m_{001}^{(11)}m_{001}^{(22)}m_{310}^{(10)} + 2m_{100}^{(21)}m_{001}^{(11)}m_{001}^{(22)}m_{220}^{(00)}\\
&+(m_{100}^{(22)})^2m_{010}^{(00)}m_{121}^{(11)} - (m_{100}^{(22)})^2m_{010}^{(00)}m_{031}^{(10)} - 2(m_{100}^{(22)})^2m_{010}^{(10)}m_{211}^{(11)}\\
&+2(m_{100}^{(22)})^2m_{010}^{(10)}m_{121}^{(10)} + (m_{100}^{(22)})^2m_{010}^{(11)}m_{301}^{(11)} - (m_{100}^{(22)})^2m_{010}^{(11)}m_{211}^{(10)}\\
&-(m_{100}^{(22)})^2m_{001}^{(00)}m_{130}^{(11)} + (m_{100}^{(22)})^2m_{001}^{(00)}m_{040}^{(10)} + 2(m_{100}^{(22)})^2m_{001}^{(10)}m_{220}^{(11)}\\
&-2(m_{100}^{(22)})^2m_{001}^{(10)}m_{130}^{(10)} - (m_{100}^{(22)})^2m_{001}^{(11)}m_{310}^{(11)} + (m_{100}^{(22)})^2m_{001}^{(11)}m_{220}^{(10)}\\
&-m_{100}^{(22)}(m_{010}^{(00)})^2m_{031}^{(22)} + m_{100}^{(22)}(m_{010}^{(00)})^2m_{022}^{(21)} + 3m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{121}^{(22)}\\
&-2m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{112}^{(21)} - m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{022}^{(20)} - m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{211}^{(22)}\\
&-m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{202}^{(21)} + 2m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{112}^{(20)} - m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{121}^{(21)}\\
&+2m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{031}^{(20)} - m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{022}^{(10)} + 2m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{211}^{(21)}\\
&-3m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{121}^{(20)} + 2m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{112}^{(10)} - m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{022}^{(00)}\\
&-m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(22)}m_{121}^{(10)} + m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(22)}m_{031}^{(00)} + m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(00)}m_{040}^{(22)}\\
&-m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(00)}m_{022}^{(11)} - 2m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{130}^{(22)} + m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{121}^{(21)}\\
&+m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{031}^{(20)} + m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{220}^{(22)} - m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{211}^{(21)}\\
&+m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{202}^{(11)} - m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{121}^{(20)} - m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{112}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{022}^{(00)} + m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{121}^{(11)} - 2m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{040}^{(20)}\\
&+m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{031}^{(10)} + 2m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{130}^{(20)} - m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{121}^{(10)}\\
&-m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{031}^{(00)} - m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(22)}m_{220}^{(11)} + m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(22)}m_{130}^{(10)}\\
&-2m_{100}^{(22)}(m_{010}^{(10)})^2m_{211}^{(22)} + 2m_{100}^{(22)}(m_{010}^{(10)})^2m_{202}^{(21)} + m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(11)}m_{301}^{(22)}\\
&-m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(11)}m_{202}^{(20)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{121}^{(20)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{022}^{(00)}\\
&-2m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{301}^{(21)} + 4m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{211}^{(20)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{202}^{(10)}\\
&+2m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{211}^{(10)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{121}^{(00)} - m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{130}^{(22)}\\
&-2m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{121}^{(21)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{112}^{(11)} - m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{031}^{(20)}\\
&+2m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{022}^{(10)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{220}^{(22)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{202}^{(11)}\\
&+2m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{121}^{(20)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{022}^{(00)} - m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{310}^{(22)}\\
&+2m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{301}^{(21)} - m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{211}^{(20)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{220}^{(21)}\\
&-2m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{211}^{(11)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{130}^{(20)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{121}^{(10)}\\
&-2m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{310}^{(21)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{220}^{(20)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{211}^{(10)}\\
&+2m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{121}^{(00)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(22)}m_{310}^{(11)} - 2m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(22)}m_{220}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{301}^{(21)} + m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{202}^{(10)} - 2m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{112}^{(00)}\\
&-m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(21)}m_{301}^{(20)} + m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(21)}m_{202}^{(00)} - m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(22)}m_{301}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(22)}m_{211}^{(00)} + 3m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{211}^{(21)} - 3m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{112}^{(10)}\\
&-3m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{301}^{(21)} - m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{211}^{(20)} + 2m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{202}^{(10)}
\end{aligned}
$$

$$+2m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{112}^{(00)}+m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(11)}m_{301}^{(20)}-m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(11)}m_{202}^{(00)}$$
$$-2m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{310}^{(21)}+m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{301}^{(11)}+m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{211}^{(10)}$$
$$+2m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(21)}m_{400}^{(21)}-m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(21)}m_{301}^{(10)}-m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(21)}m_{211}^{(00)}$$
$$-m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(22)}m_{400}^{(11)}+m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(22)}m_{310}^{(10)}+2m_{100}^{(22)}(m_{010}^{(20)})^2m_{121}^{(10)}$$
$$-2m_{100}^{(22)}(m_{010}^{(20)})^2m_{031}^{(00)}-4m_{100}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{211}^{(10)}+4m_{100}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{121}^{(00)}$$
$$+m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(00)}m_{130}^{(21)}-m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(00)}m_{031}^{(10)}-2m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{220}^{(21)}$$
$$+2m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{211}^{(11)}+m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{310}^{(21)}-2m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{301}^{(11)}$$
$$+m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{211}^{(10)}-2m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(20)}m_{130}^{(10)}+2m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(20)}m_{040}^{(00)}$$
$$+2m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(21)}m_{220}^{(10)}-2m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(21)}m_{130}^{(00)}+2m_{100}^{(22)}(m_{010}^{(21)})^2m_{301}^{(10)}$$
$$-2m_{100}^{(22)}(m_{010}^{(21)})^2m_{211}^{(00)}-2m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{220}^{(21)}-2m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{211}^{(11)}$$
$$+m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{130}^{(20)}+2m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{121}^{(10)}+m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{031}^{(00)}$$
$$+4m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{310}^{(21)}+2m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{301}^{(11)}-2m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{220}^{(20)}$$
$$-2m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{211}^{(10)}-2m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{121}^{(00)}-2m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(11)}m_{400}^{(21)}$$
$$+m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(11)}m_{310}^{(20)}+m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(11)}m_{211}^{(00)}+2m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(20)}m_{220}^{(10)}$$
$$-2m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(20)}m_{130}^{(00)}-2m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(21)}m_{310}^{(10)}+2m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(21)}m_{220}^{(00)}$$
$$+m_{100}^{(22)}m_{010}^{(22)}m_{001}^{(00)}m_{220}^{(11)}-m_{100}^{(22)}m_{010}^{(22)}m_{001}^{(00)}m_{040}^{(00)}-2m_{100}^{(22)}m_{010}^{(22)}m_{001}^{(10)}m_{310}^{(11)}$$
$$+2m_{100}^{(22)}m_{010}^{(22)}m_{001}^{(10)}m_{130}^{(00)}+m_{100}^{(22)}m_{010}^{(22)}m_{001}^{(11)}m_{400}^{(11)}-m_{100}^{(22)}m_{010}^{(22)}m_{001}^{(11)}m_{220}^{(00)}$$
$$-m_{100}^{(22)}(m_{001}^{(00)})^2m_{040}^{(21)}+m_{100}^{(22)}(m_{001}^{(00)})^2m_{031}^{(11)}+3m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{130}^{(21)}$$
$$-2m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{121}^{(11)}+m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{040}^{(20)}-2m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{031}^{(10)}$$
$$-m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{220}^{(21)}-m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{211}^{(11)}-m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{130}^{(20)}$$
$$+4m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{121}^{(10)}-m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{031}^{(00)}-m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(20)}m_{130}^{(11)}$$
$$+m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(20)}m_{040}^{(10)}+2m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(21)}m_{220}^{(11)}-3m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(21)}m_{130}^{(10)}$$
$$+m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(21)}m_{040}^{(00)}-2m_{100}^{(22)}(m_{001}^{(10)})^2m_{220}^{(21)}+2m_{100}^{(22)}(m_{001}^{(10)})^2m_{211}^{(11)}$$
$$-2m_{100}^{(22)}(m_{001}^{(10)})^2m_{130}^{(20)}+2m_{100}^{(22)}(m_{001}^{(10)})^2m_{031}^{(00)}+m_{100}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{310}^{(21)}$$
$$+3m_{100}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{220}^{(20)}-2m_{100}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{211}^{(10)}-2m_{100}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{121}^{(00)}$$
$$+2m_{100}^{(22)}m_{001}^{(10)}m_{001}^{(20)}m_{130}^{(10)}-2m_{100}^{(22)}m_{001}^{(10)}m_{001}^{(20)}m_{040}^{(00)}-2m_{100}^{(22)}m_{001}^{(10)}m_{001}^{(21)}m_{310}^{(11)}$$
$$+2m_{100}^{(22)}m_{001}^{(10)}m_{001}^{(21)}m_{220}^{(10)}-m_{100}^{(22)}(m_{001}^{(11)})^2m_{310}^{(20)}+m_{100}^{(22)}(m_{001}^{(11)})^2m_{211}^{(00)}$$
$$+m_{100}^{(22)}m_{001}^{(11)}m_{001}^{(20)}m_{310}^{(10)}-3m_{100}^{(22)}m_{001}^{(11)}m_{001}^{(20)}m_{220}^{(10)}+2m_{100}^{(22)}m_{001}^{(11)}m_{001}^{(20)}m_{130}^{(00)}$$
$$+m_{100}^{(22)}m_{001}^{(11)}m_{001}^{(21)}m_{310}^{(10)}-m_{100}^{(22)}m_{001}^{(11)}m_{001}^{(21)}m_{220}^{(00)}+(m_{010}^{(00)})^2m_{001}^{(11)}m_{112}^{(22)}$$
$$-(m_{010}^{(00)})^2m_{001}^{(11)}m_{103}^{(21)}-2(m_{010}^{(00)})^2m_{001}^{(21)}m_{121}^{(22)}+2(m_{010}^{(00)})^2m_{001}^{(21)}m_{112}^{(21)}$$
$$+(m_{010}^{(00)})^2m_{001}^{(22)}m_{130}^{(22)}-(m_{010}^{(00)})^2m_{001}^{(22)}m_{121}^{(21)}-2m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{112}^{(22)}$$
$$+2m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{103}^{(21)}-m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{202}^{(22)}+m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{103}^{(20)}$$
$$+2m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{121}^{(22)}-2m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{112}^{(21)}+4m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{211}^{(22)}$$
$$-2m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{202}^{(21)}-2m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{112}^{(20)}-3m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{220}^{(22)}$$
$$+2m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{211}^{(21)}+m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{121}^{(20)}-m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{112}^{(22)}$$
$$+m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{103}^{(21)}+2m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{202}^{(22)}-2m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{103}^{(20)}$$
$$-2m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{202}^{(21)}+2m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{112}^{(20)}-2m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{301}^{(22)}$$
$$+2m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{202}^{(20)}+m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(22)}m_{310}^{(22)}+m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(22)}m_{301}^{(21)}$$

$$
\begin{aligned}
&-2m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(22)}m_{211}^{(20)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{121}^{(22)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{112}^{(21)}\\
&-2m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{211}^{(22)} + 3m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{202}^{(21)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{112}^{(20)}\\
&+m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{103}^{(10)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(20)}m_{130}^{(22)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(20)}m_{121}^{(21)}\\
&+2m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{220}^{(22)} - 4m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{211}^{(21)} + 4m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{121}^{(20)}\\
&-2m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{112}^{(10)} + m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{220}^{(21)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{130}^{(20)}\\
&+m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{121}^{(10)} + 2m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{121}^{(22)} - 2m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{112}^{(21)}\\
&-4m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{211}^{(22)} + 6m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{112}^{(20)} - 2m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{103}^{(10)}\\
&+2m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{301}^{(22)} - 3m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{202}^{(20)} + m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{103}^{(00)}\\
&+4m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{211}^{(21)} - 6m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{121}^{(20)} + 2m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{112}^{(10)}\\
&+2m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(21)}m_{202}^{(10)} - 2m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(21)}m_{112}^{(00)} - 2m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{310}^{(21)}\\
&+3m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{220}^{(20)} - 2m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{211}^{(10)} + m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{121}^{(00)}\\
&-m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(00)}m_{130}^{(22)} + m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(00)}m_{121}^{(21)} + 2m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{220}^{(22)}\\
&-4m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{121}^{(20)} + 2m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{112}^{(10)} - m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(11)}m_{310}^{(22)}\\
&-m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(11)}m_{301}^{(21)} + 4m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(11)}m_{211}^{(20)} - m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(11)}m_{202}^{(10)}\\
&-m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(11)}m_{112}^{(00)} - 2m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{220}^{(21)} + 4m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{130}^{(20)}\\
&-2m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{121}^{(10)} + 2m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(21)}m_{310}^{(21)} - 4m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(21)}m_{220}^{(20)}\\
&+2m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(21)}m_{121}^{(00)} + m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(22)}m_{220}^{(10)} - m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(22)}m_{130}^{(00)}\\
&-m_{010}^{(00)}m_{001}^{(00)}m_{001}^{(11)}m_{112}^{(21)} + m_{010}^{(00)}m_{001}^{(00)}m_{001}^{(11)}m_{103}^{(11)} + 2m_{010}^{(00)}m_{001}^{(00)}m_{001}^{(21)}m_{121}^{(21)}\\
&-2m_{010}^{(00)}m_{001}^{(00)}m_{001}^{(21)}m_{112}^{(11)} - m_{010}^{(00)}m_{001}^{(00)}m_{001}^{(22)}m_{130}^{(21)} + m_{010}^{(00)}m_{001}^{(00)}m_{001}^{(22)}m_{121}^{(11)}\\
&+2m_{010}^{(00)}(m_{001}^{(10)})^2m_{112}^{(21)} - 2m_{010}^{(00)}(m_{001}^{(10)})^2m_{103}^{(11)} - m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{202}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{112}^{(20)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{103}^{(10)} - 4m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{121}^{(21)}\\
&+4m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{112}^{(11)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{202}^{(11)} - 2m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{112}^{(10)}\\
&+m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{220}^{(21)} - 2m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{211}^{(11)} + m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{130}^{(20)}\\
&+m_{010}^{(00)}(m_{001}^{(11)})^2m_{202}^{(20)} - m_{010}^{(00)}(m_{001}^{(11)})^2m_{103}^{(00)} + 2m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{211}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{202}^{(11)} + 2m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{121}^{(20)} - 3m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{112}^{(10)}\\
&-2m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{211}^{(20)} - m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{202}^{(10)} + 3m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{112}^{(00)}\\
&-m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{220}^{(20)} + 2m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{211}^{(10)} - m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{121}^{(00)}\\
&+2m_{010}^{(00)}(m_{001}^{(20)})^2m_{130}^{(21)} - 2m_{010}^{(00)}(m_{001}^{(20)})^2m_{121}^{(11)} - 2m_{010}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{220}^{(21)}\\
&-2m_{010}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{130}^{(20)} + 4m_{010}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{121}^{(10)} + m_{010}^{(00)}m_{001}^{(20)}m_{001}^{(22)}m_{220}^{(11)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{001}^{(22)}m_{130}^{(10)} + 2m_{010}^{(00)}(m_{001}^{(21)})^2m_{220}^{(20)} - 2m_{010}^{(00)}(m_{001}^{(21)})^2m_{121}^{(00)}\\
&-m_{010}^{(00)}m_{001}^{(21)}m_{001}^{(22)}m_{220}^{(10)} + m_{010}^{(00)}m_{001}^{(21)}m_{001}^{(22)}m_{130}^{(00)} + 2(m_{010}^{(10)})^2m_{001}^{(00)}m_{112}^{(22)}\\
&-2(m_{010}^{(10)})^2m_{001}^{(00)}m_{103}^{(21)} - 4(m_{010}^{(10)})^2m_{001}^{(20)}m_{211}^{(22)} + 4(m_{010}^{(10)})^2m_{001}^{(20)}m_{202}^{(21)}\\
&+2(m_{010}^{(10)})^2m_{001}^{(22)}m_{310}^{(22)} - 2(m_{010}^{(10)})^2m_{001}^{(22)}m_{301}^{(21)} - m_{010}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{202}^{(22)}\\
&+m_{010}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{103}^{(20)} + 2m_{010}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{301}^{(22)} - 2m_{010}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{202}^{(20)}\\
&-m_{010}^{(10)}m_{010}^{(11)}m_{001}^{(22)}m_{400}^{(22)} + m_{010}^{(10)}m_{010}^{(11)}m_{001}^{(22)}m_{301}^{(20)} - 4m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{121}^{(22)}\\
&+4m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{112}^{(21)} + 4m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{211}^{(22)} - 4m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{202}^{(21)}\\
&+2m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{202}^{(20)} - 2m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{103}^{(00)} + 4m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{220}^{(22)}\\
&-4m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{211}^{(21)} - 4m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{310}^{(22)} + 4m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{301}^{(21)}
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\begin{aligned}
&-4m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{211}^{(20)} + 4m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{112}^{(00)} + 2m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{220}^{(20)}\\
&-2m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{121}^{(00)} + 2m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{202}^{(21)} - 4m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{112}^{(20)}\\
&+2m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{103}^{(10)} - 4m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{301}^{(21)} + 8m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{211}^{(20)}\\
&-4m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{202}^{(10)} + 2m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{400}^{(21)} - 4m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{310}^{(20)}\\
&+2m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{301}^{(10)} + m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{220}^{(22)} - 2m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{211}^{(21)}\\
&+3m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{121}^{(20)} - 2m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{112}^{(10)} - 2m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{310}^{(22)}\\
&+2m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{301}^{(21)} + m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(11)}m_{400}^{(22)} - 3m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(11)}m_{301}^{(20)}\\
&+2m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(11)}m_{202}^{(00)} + 2m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{310}^{(21)} - 6m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{220}^{(20)}\\
&+4m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{211}^{(10)} - 2m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{400}^{(21)} + 6m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{310}^{(20)}\\
&-4m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{211}^{(00)} - 2m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(22)}m_{310}^{(10)} + 2m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(22)}m_{220}^{(00)}\\
&-2m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(10)}m_{112}^{(21)} + 2m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(10)}m_{103}^{(11)} + 2m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{202}^{(21)}\\
&+2m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{112}^{(20)} - 4m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{103}^{(10)} + 2m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(20)}m_{121}^{(21)}\\
&-2m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(20)}m_{112}^{(11)} - 4m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{211}^{(21)} - 2m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{121}^{(20)}\\
&+6m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{112}^{(10)} + 2m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{220}^{(21)} - 2m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{121}^{(10)}\\
&-2m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(11)}m_{202}^{(20)} + 2m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(11)}m_{103}^{(00)} + 4m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{211}^{(21)}\\
&-4m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{202}^{(11)} + 4m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{211}^{(20)} - 4m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{112}^{(00)}\\
&-2m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{310}^{(21)} + 2m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{301}^{(11)} - 2m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{220}^{(20)}\\
&+2m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{121}^{(00)} - 2m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{301}^{(21)} - 4m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{211}^{(20)}\\
&+6m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{202}^{(10)} + 2m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{301}^{(20)} - 2m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{202}^{(00)}\\
&+2m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{310}^{(20)} - 2m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{301}^{(10)} - 4m_{010}^{(10)}(m_{001}^{(20)})^2m_{220}^{(21)}\\
&+4m_{010}^{(10)}(m_{001}^{(20)})^2m_{211}^{(11)} + 4m_{010}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{310}^{(21)} + 4m_{010}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{220}^{(20)}\\
&-8m_{010}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{211}^{(10)} - 2m_{010}^{(10)}m_{001}^{(20)}m_{001}^{(22)}m_{310}^{(11)} + 2m_{010}^{(10)}m_{001}^{(20)}m_{001}^{(22)}m_{220}^{(10)}\\
&-4m_{010}^{(10)}(m_{001}^{(21)})^2m_{310}^{(20)} + 4m_{010}^{(10)}(m_{001}^{(21)})^2m_{211}^{(00)} + 2m_{010}^{(10)}m_{001}^{(21)}m_{001}^{(22)}m_{310}^{(10)}\\
&-2m_{010}^{(10)}m_{001}^{(21)}m_{001}^{(22)}m_{220}^{(00)} + 2m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{211}^{(22)} - m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{202}^{(21)}\\
&-m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{103}^{(10)} - 2m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{301}^{(22)} + 2m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{103}^{(00)}\\
&-2m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{310}^{(22)} + 2m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{301}^{(21)} + 2m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{202}^{(10)}\\
&-2m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{112}^{(00)} + 2m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{400}^{(22)} - 2m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{202}^{(00)}\\
&-m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{400}^{(21)} - m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{301}^{(10)} + 2m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{211}^{(00)}\\
&+m_{010}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{202}^{(20)} - m_{010}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{103}^{(00)} - 2m_{010}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{301}^{(20)}\\
&+2m_{010}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{202}^{(00)} + m_{010}^{(11)}m_{010}^{(21)}m_{001}^{(22)}m_{400}^{(20)} - m_{010}^{(11)}m_{010}^{(21)}m_{001}^{(22)}m_{301}^{(00)}\\
&-2m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{211}^{(20)} + m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{202}^{(10)} + m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{112}^{(00)}\\
&+2m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(10)}m_{301}^{(20)} - 2m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(10)}m_{202}^{(00)} + 2m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{310}^{(20)}\\
&-2m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{301}^{(10)} - 2m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(21)}m_{400}^{(20)} + 2m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(21)}m_{301}^{(00)}\\
&+m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(22)}m_{400}^{(10)} - m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(22)}m_{310}^{(00)} + m_{010}^{(11)}(m_{001}^{(00)})^2m_{112}^{(21)}\\
&-m_{010}^{(11)}(m_{001}^{(00)})^2m_{103}^{(11)} - m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{202}^{(21)} - m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{112}^{(20)}\\
&+2m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{103}^{(10)} - m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{202}^{(20)} + m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{103}^{(00)}\\
&-2m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{211}^{(21)} + 3m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{202}^{(11)} - m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{112}^{(10)}\\
&+2m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{301}^{(21)} + 2m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{211}^{(20)} - 3m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{202}^{(10)}
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&-m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{112}^{(00)} - m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{310}^{(21)} - m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{301}^{(11)}\\
&+2m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{211}^{(10)} + 2m_{010}^{(11)}(m_{001}^{(10)})^2m_{202}^{(20)} - 2m_{010}^{(11)}(m_{001}^{(10)})^2m_{103}^{(00)}\\
&-2m_{010}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{202}^{(10)} + 2m_{010}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{112}^{(00)} - 4m_{010}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{301}^{(20)}\\
&+4m_{010}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{202}^{(00)} + m_{010}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{400}^{(21)} + m_{010}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{310}^{(20)}\\
&-2m_{010}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{211}^{(00)} + 2m_{010}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{301}^{(20)} - 2m_{010}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{202}^{(00)}\\
&-m_{010}^{(11)}m_{001}^{(11)}m_{001}^{(22)}m_{400}^{(20)} + m_{010}^{(11)}m_{001}^{(11)}m_{001}^{(22)}m_{301}^{(00)} + 2m_{010}^{(11)}(m_{001}^{(20)})^2m_{310}^{(21)}\\
&-2m_{010}^{(11)}(m_{001}^{(20)})^2m_{301}^{(11)} - 2m_{010}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{400}^{(21)} - 2m_{010}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{310}^{(20)}\\
&+4m_{010}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{301}^{(10)} + m_{010}^{(11)}m_{001}^{(20)}m_{001}^{(22)}m_{400}^{(11)} - m_{010}^{(11)}m_{001}^{(20)}m_{001}^{(22)}m_{310}^{(10)}\\
&+2m_{010}^{(11)}(m_{001}^{(21)})^2m_{400}^{(20)} - 2m_{010}^{(11)}(m_{001}^{(21)})^2m_{301}^{(00)} - m_{010}^{(11)}m_{001}^{(21)}m_{001}^{(22)}m_{400}^{(10)}\\
&+m_{010}^{(11)}m_{001}^{(21)}m_{001}^{(22)}m_{310}^{(00)} + 2(m_{010}^{(20)})^2m_{001}^{(00)}m_{130}^{(22)} - 2(m_{010}^{(20)})^2m_{001}^{(00)}m_{121}^{(21)}\\
&-4(m_{010}^{(20)})^2m_{001}^{(10)}m_{220}^{(22)} + 4(m_{010}^{(20)})^2m_{001}^{(10)}m_{211}^{(21)} + 2(m_{010}^{(20)})^2m_{001}^{(11)}m_{310}^{(22)}\\
&-2(m_{010}^{(20)})^2m_{001}^{(11)}m_{301}^{(21)} - 2(m_{010}^{(20)})^2m_{001}^{(11)}m_{202}^{(10)} + 2(m_{010}^{(20)})^2m_{001}^{(11)}m_{112}^{(00)}\\
&+4(m_{010}^{(20)})^2m_{001}^{(21)}m_{211}^{(10)} - 4(m_{010}^{(20)})^2m_{001}^{(21)}m_{121}^{(00)} - 2(m_{010}^{(20)})^2m_{001}^{(22)}m_{220}^{(10)}\\
&+2(m_{010}^{(20)})^2m_{001}^{(22)}m_{130}^{(00)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{220}^{(22)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{121}^{(20)}\\
&+4m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{310}^{(22)} - 4m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{211}^{(20)} + 4m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{202}^{(10)}\\
&-4m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{112}^{(00)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{400}^{(22)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{301}^{(20)}\\
&-4m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{211}^{(10)} + 4m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{121}^{(00)} - 4m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(21)}m_{301}^{(10)}\\
&+4m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(21)}m_{211}^{(00)} + 4m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(22)}m_{310}^{(10)} - 4m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(22)}m_{220}^{(00)}\\
&+m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(21)}m_{220} - 2m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(00)}m_{130}^{(20)} + m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(00)}m_{121}^{(10)}\\
&-2m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{310}^{(21)} + 4m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{220}^{(20)} - 4m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{211}^{(10)}\\
&+2m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{121}^{(00)} + m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(11)}m_{400}^{(21)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(11)}m_{310}^{(20)}\\
&+3m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(11)}m_{301}^{(10)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(11)}m_{211}^{(00)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(20)}m_{220}^{(10)}\\
&-2m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(20)}m_{130}^{(00)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(21)}m_{310}^{(10)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(21)}m_{220}^{(00)}\\
&+2m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{121}^{(21)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{112}^{(11)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{202}^{(11)}\\
&-2m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{121}^{(20)} + 4m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{112}^{(10)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(20)}m_{130}^{(21)}\\
&+2m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(20)}m_{121}^{(11)} + 4m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{211}^{(11)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{130}^{(20)}\\
&-6m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{121}^{(10)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(22)}m_{220}^{(11)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(22)}m_{130}^{(10)}\\
&-4m_{010}^{(20)}(m_{001}^{(10)})^2m_{211}^{(21)} + 4m_{010}^{(20)}(m_{001}^{(10)})^2m_{202}^{(11)} + 2m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{301}^{(21)}\\
&+4m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{211}^{(20)} - 4m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{202}^{(10)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{112}^{(00)}\\
&+4m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{220}^{(21)} - 4m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{211}^{(11)} - 4m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{301}^{(11)}\\
&-4m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{220}^{(20)} + 4m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{211}^{(10)} + 4m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{121}^{(00)}\\
&+2m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(22)}m_{310}^{(11)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(22)}m_{130}^{(00)} - 2m_{010}^{(20)}(m_{001}^{(11)})^2m_{301}^{(20)}\\
&+2m_{010}^{(20)}(m_{001}^{(11)})^2m_{202}^{(00)} - 2m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{310}^{(21)} + 2m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{301}^{(11)}\\
&+2m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{310}^{(20)} + 2m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{301}^{(10)} - 4m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{211}^{(00)}\\
&-2m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(22)}m_{310}^{(10)} + 2m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(22)}m_{220}^{(00)} - 2(m_{010}^{(21)})^2m_{001}^{(00)}m_{202}^{(10)}\\
&+2(m_{010}^{(21)})^2m_{001}^{(00)}m_{112}^{(00)} + 4(m_{010}^{(21)})^2m_{001}^{(20)}m_{301}^{(10)} - 4(m_{010}^{(21)})^2m_{001}^{(20)}m_{211}^{(00)}\\
&-2(m_{010}^{(21)})^2m_{001}^{(22)}m_{400}^{(10)} + 2(m_{010}^{(21)})^2m_{001}^{(22)}m_{310}^{(00)} + m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{220}^{(20)}\\
&+2m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{211}^{(10)} - 3m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{121}^{(00)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(10)}m_{310}^{(20)}
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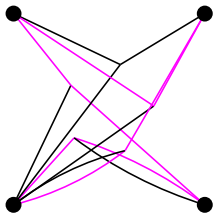
&-2m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(10)}m_{301}^{(10)} + 4m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(10)}m_{211}^{(00)} + m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(11)}m_{400}^{(20)}\\
&-m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(11)}m_{301}^{(00)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(20)}m_{310}^{(10)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(20)}m_{220}^{(00)}\\
&+2m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(21)}m_{400}^{(10)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(21)}m_{310}^{(00)} - 2m_{010}^{(21)}(m_{001}^{(00)})^2m_{121}^{(21)}\\
&+2m_{010}^{(21)}(m_{001}^{(00)})^2m_{112}^{(11)} + 4m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{211}^{(21)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{202}^{(11)}\\
&+2m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{121}^{(20)} - 4m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{112}^{(10)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{301}^{(21)}\\
&+4m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{202}^{(10)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{112}^{(00)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{220}^{(21)}\\
&-4m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{211}^{(11)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{121}^{(10)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{220}^{(20)}\\
&+2m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{121}^{(00)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(22)}m_{310}^{(11)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(22)}m_{220}^{(10)}\\
&-4m_{010}^{(21)}(m_{001}^{(10)})^2m_{211}^{(20)} + 4m_{010}^{(21)}(m_{001}^{(10)})^2m_{112}^{(00)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{301}^{(20)}\\
&-2m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{202}^{(00)} - 4m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{310}^{(21)} + 4m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{301}^{(11)}\\
&+4m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{211}^{(10)} - 4m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{121}^{(00)} + 4m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{310}^{(20)}\\
&-4m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{211}^{(00)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(22)}m_{400}^{(11)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(22)}m_{220}^{(00)}\\
&+2m_{010}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{400}^{(21)} - 6m_{010}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{301}^{(10)} + 4m_{010}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{211}^{(00)}\\
&-2m_{010}^{(21)}m_{001}^{(11)}m_{001}^{(21)}m_{400}^{(20)} + 2m_{010}^{(21)}m_{001}^{(11)}m_{001}^{(21)}m_{301}^{(00)} + 2m_{010}^{(21)}m_{001}^{(11)}m_{001}^{(22)}m_{400}^{(10)}\\
&-2m_{010}^{(21)}m_{001}^{(11)}m_{001}^{(22)}m_{310}^{(00)} - (m_{010}^{(22)})^2m_{001}^{(00)}m_{220}^{(10)} + (m_{010}^{(22)})^2m_{001}^{(00)}m_{130}^{(00)}\\
&+2(m_{010}^{(22)})^2m_{001}^{(10)}m_{310}^{(10)} - 2(m_{010}^{(22)})^2m_{001}^{(10)}m_{220}^{(00)} - (m_{010}^{(22)})^2m_{001}^{(11)}m_{400}^{(10)}\\
&+(m_{010}^{(22)})^2m_{001}^{(11)}m_{310}^{(00)} + m_{010}^{(22)}(m_{001}^{(00)})^2m_{130}^{(21)} - m_{010}^{(22)}(m_{001}^{(00)})^2m_{121}^{(11)}\\
&-3m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{220}^{(21)} + 2m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{211}^{(11)} - m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{130}^{(20)}\\
&+2m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{121}^{(10)} + m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{310}^{(21)} + m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{301}^{(11)}\\
&+m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{220}^{(20)} - 4m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{211}^{(10)} + m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{121}^{(00)}\\
&+m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(20)}m_{220}^{(11)} - m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(20)}m_{130}^{(10)} - 2m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(21)}m_{310}^{(11)}\\
&+3m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(21)}m_{220}^{(10)} - m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(21)}m_{130}^{(00)} + 2m_{010}^{(22)}(m_{001}^{(10)})^2m_{310}^{(21)}\\
&-2m_{010}^{(22)}(m_{001}^{(10)})^2m_{301}^{(11)} + 2m_{010}^{(22)}(m_{001}^{(10)})^2m_{220}^{(20)} - 2m_{010}^{(22)}(m_{001}^{(10)})^2m_{121}^{(00)}\\
&-m_{010}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{400}^{(21)} - 3m_{010}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{310}^{(20)} + 2m_{010}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{301}^{(10)}\\
&+2m_{010}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{211}^{(00)} - 2m_{010}^{(22)}m_{001}^{(10)}m_{001}^{(20)}m_{220}^{(10)} + 2m_{010}^{(22)}m_{001}^{(10)}m_{001}^{(20)}m_{130}^{(00)}\\
&+2m_{010}^{(22)}m_{001}^{(10)}m_{001}^{(21)}m_{400}^{(11)} - 2m_{010}^{(22)}m_{001}^{(10)}m_{001}^{(21)}m_{310}^{(10)} + m_{010}^{(22)}(m_{001}^{(11)})^2m_{400}^{(20)}\\
&-m_{010}^{(22)}(m_{001}^{(11)})^2m_{301}^{(00)} - m_{010}^{(22)}m_{001}^{(11)}m_{001}^{(20)}m_{400}^{(11)} + 3m_{010}^{(22)}m_{001}^{(11)}m_{001}^{(20)}m_{310}^{(10)}\\
&-2m_{010}^{(22)}m_{001}^{(11)}m_{001}^{(20)}m_{220}^{(00)} - m_{010}^{(22)}m_{001}^{(11)}m_{001}^{(21)}m_{400}^{(10)} + m_{010}^{(22)}m_{001}^{(11)}m_{001}^{(21)}m_{310}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{ccccc}
V1 & 1 & 1 & 1 & V1\\
1 & V2 & 2 & V2 & V4\\
V3 & V3 & 3 & V4 & 4
\end{array}
$$



$$
\begin{aligned}
T_{156} \;=\;& m_{100}^{(00)} m_{100}^{(10)} m_{010}^{(11)} m_{013}^{(22)} - m_{100}^{(00)} m_{100}^{(10)} m_{010}^{(11)} m_{004}^{(21)} - m_{100}^{(00)} m_{100}^{(10)} m_{010}^{(21)} m_{022}^{(22)} \\
&+ m_{100}^{(00)} m_{100}^{(10)} m_{010}^{(21)} m_{004}^{(11)} + m_{100}^{(00)} m_{100}^{(10)} m_{010}^{(22)} m_{022}^{(21)} - m_{100}^{(00)} m_{100}^{(10)} m_{010}^{(22)} m_{013}^{(11)} \\
&- m_{100}^{(00)} m_{100}^{(10)} m_{001}^{(11)} m_{022}^{(22)} + m_{100}^{(00)} m_{100}^{(10)} m_{001}^{(11)} m_{013}^{(21)} + m_{100}^{(00)} m_{100}^{(10)} m_{001}^{(21)} m_{031}^{(22)} \\
&- m_{100}^{(00)} m_{100}^{(10)} m_{001}^{(21)} m_{013}^{(11)} - m_{100}^{(00)} m_{100}^{(10)} m_{001}^{(22)} m_{031}^{(21)} + m_{100}^{(00)} m_{100}^{(10)} m_{001}^{(22)} m_{022}^{(11)} \\
&- 2m_{100}^{(00)} m_{100}^{(11)} m_{010}^{(10)} m_{013}^{(22)} + 2m_{100}^{(00)} m_{100}^{(11)} m_{010}^{(10)} m_{004}^{(21)} + m_{100}^{(00)} m_{100}^{(11)} m_{010}^{(11)} m_{103}^{(22)} \\
&- m_{100}^{(00)} m_{100}^{(11)} m_{010}^{(11)} m_{004}^{(20)} + m_{100}^{(00)} m_{100}^{(11)} m_{010}^{(20)} m_{022}^{(22)} - m_{100}^{(00)} m_{100}^{(11)} m_{010}^{(20)} m_{004}^{(11)} \\
&- 2m_{100}^{(00)} m_{100}^{(11)} m_{010}^{(21)} m_{103}^{(21)} + 2m_{100}^{(00)} m_{100}^{(11)} m_{010}^{(21)} m_{013}^{(20)} + m_{100}^{(00)} m_{100}^{(11)} m_{010}^{(22)} m_{103}^{(11)} \\
&- m_{100}^{(00)} m_{100}^{(11)} m_{010}^{(22)} m_{022}^{(20)} + 2m_{100}^{(00)} m_{100}^{(11)} m_{001}^{(10)} m_{022}^{(22)} - 2m_{100}^{(00)} m_{100}^{(11)} m_{001}^{(10)} m_{013}^{(21)} \\
&- m_{100}^{(00)} m_{100}^{(11)} m_{001}^{(11)} m_{112}^{(22)} + m_{100}^{(00)} m_{100}^{(11)} m_{001}^{(11)} m_{013}^{(20)} - m_{100}^{(00)} m_{100}^{(11)} m_{001}^{(20)} m_{031}^{(22)} \\
&+ m_{100}^{(00)} m_{100}^{(11)} m_{001}^{(20)} m_{013}^{(11)} + 2m_{100}^{(00)} m_{100}^{(11)} m_{001}^{(21)} m_{112}^{(21)} - 2m_{100}^{(00)} m_{100}^{(11)} m_{001}^{(21)} m_{022}^{(20)} \\
&- m_{100}^{(00)} m_{100}^{(11)} m_{001}^{(22)} m_{112}^{(11)} + m_{100}^{(00)} m_{100}^{(11)} m_{001}^{(22)} m_{031}^{(20)} - m_{100}^{(00)} m_{100}^{(20)} m_{010}^{(11)} m_{022}^{(22)} \\
&+ m_{100}^{(00)} m_{100}^{(20)} m_{010}^{(11)} m_{013}^{(21)} + m_{100}^{(00)} m_{100}^{(20)} m_{010}^{(21)} m_{031}^{(22)} - m_{100}^{(00)} m_{100}^{(20)} m_{010}^{(21)} m_{013}^{(11)} \\
&- m_{100}^{(00)} m_{100}^{(20)} m_{010}^{(22)} m_{031}^{(21)} + m_{100}^{(00)} m_{100}^{(20)} m_{010}^{(22)} m_{022}^{(11)} + m_{100}^{(00)} m_{100}^{(20)} m_{001}^{(11)} m_{031}^{(22)} \\
&- m_{100}^{(00)} m_{100}^{(20)} m_{001}^{(11)} m_{022}^{(21)} - m_{100}^{(00)} m_{100}^{(20)} m_{001}^{(21)} m_{040}^{(22)} + m_{100}^{(00)} m_{100}^{(20)} m_{001}^{(21)} m_{022}^{(11)} \\
&+ m_{100}^{(00)} m_{100}^{(20)} m_{001}^{(22)} m_{040}^{(21)} - m_{100}^{(00)} m_{100}^{(20)} m_{001}^{(22)} m_{031}^{(11)} + 3m_{100}^{(00)} m_{100}^{(21)} m_{010}^{(10)} m_{022}^{(22)} \\
&- 2m_{100}^{(00)} m_{100}^{(21)} m_{010}^{(10)} m_{013}^{(21)} - m_{100}^{(00)} m_{100}^{(21)} m_{010}^{(10)} m_{004}^{(11)} - 2m_{100}^{(00)} m_{100}^{(21)} m_{010}^{(11)} m_{112}^{(22)} \\
&+ m_{100}^{(00)} m_{100}^{(21)} m_{010}^{(11)} m_{013}^{(20)} + m_{100}^{(00)} m_{100}^{(21)} m_{010}^{(11)} m_{004}^{(10)} - m_{100}^{(00)} m_{100}^{(21)} m_{010}^{(20)} m_{031}^{(22)} \\
&- 2m_{100}^{(00)} m_{100}^{(21)} m_{010}^{(20)} m_{022}^{(21)} + 3m_{100}^{(00)} m_{100}^{(21)} m_{010}^{(20)} m_{013}^{(11)} + 4m_{100}^{(00)} m_{100}^{(21)} m_{010}^{(21)} m_{112}^{(21)} \\
&- 2m_{100}^{(00)} m_{100}^{(21)} m_{010}^{(21)} m_{022}^{(20)} - 2m_{100}^{(00)} m_{100}^{(21)} m_{010}^{(21)} m_{013}^{(10)} - 2m_{100}^{(00)} m_{100}^{(21)} m_{010}^{(22)} m_{112}^{(11)} \\
&+ m_{100}^{(00)} m_{100}^{(21)} m_{010}^{(22)} m_{031}^{(20)} + m_{100}^{(00)} m_{100}^{(21)} m_{010}^{(22)} m_{022}^{(10)} - 3m_{100}^{(00)} m_{100}^{(21)} m_{001}^{(10)} m_{031}^{(22)} \\
&+ 2m_{100}^{(00)} m_{100}^{(21)} m_{001}^{(10)} m_{022}^{(21)} + m_{100}^{(00)} m_{100}^{(21)} m_{001}^{(10)} m_{013}^{(11)} + 2m_{100}^{(00)} m_{100}^{(21)} m_{001}^{(11)} m_{121}^{(22)} \\
&- m_{100}^{(00)} m_{100}^{(21)} m_{001}^{(11)} m_{022}^{(20)} - m_{100}^{(00)} m_{100}^{(21)} m_{001}^{(11)} m_{013}^{(10)} + m_{100}^{(00)} m_{100}^{(21)} m_{001}^{(20)} m_{040}^{(22)} \\
&+ 2m_{100}^{(00)} m_{100}^{(21)} m_{001}^{(20)} m_{031}^{(21)} - 3m_{100}^{(00)} m_{100}^{(21)} m_{001}^{(20)} m_{022}^{(11)} - 4m_{100}^{(00)} m_{100}^{(21)} m_{001}^{(21)} m_{121}^{(21)} \\
&+ 2m_{100}^{(00)} m_{100}^{(21)} m_{001}^{(21)} m_{031}^{(20)} + 2m_{100}^{(00)} m_{100}^{(21)} m_{001}^{(21)} m_{022}^{(10)} + 2m_{100}^{(00)} m_{100}^{(21)} m_{001}^{(22)} m_{121}^{(11)} \\
&- m_{100}^{(00)} m_{100}^{(21)} m_{001}^{(22)} m_{040}^{(20)} - m_{100}^{(00)} m_{100}^{(21)} m_{001}^{(22)} m_{031}^{(10)} - m_{100}^{(00)} m_{100}^{(22)} m_{010}^{(10)} m_{031}^{(22)} \\
&+ m_{100}^{(00)} m_{100}^{(22)} m_{010}^{(10)} m_{013}^{(11)} + m_{100}^{(00)} m_{100}^{(22)} m_{010}^{(11)} m_{121}^{(22)} - m_{100}^{(00)} m_{100}^{(22)} m_{010}^{(11)} m_{013}^{(10)} \\
&+ 2m_{100}^{(00)} m_{100}^{(22)} m_{010}^{(20)} m_{031}^{(21)} - 2m_{100}^{(00)} m_{100}^{(22)} m_{010}^{(20)} m_{022}^{(11)} - 2m_{100}^{(00)} m_{100}^{(22)} m_{010}^{(21)} m_{121}^{(21)} \\
&+ 2m_{100}^{(00)} m_{100}^{(22)} m_{010}^{(21)} m_{022}^{(10)} + m_{100}^{(00)} m_{100}^{(22)} m_{010}^{(22)} m_{121}^{(11)} - m_{100}^{(00)} m_{100}^{(22)} m_{010}^{(22)} m_{031}^{(10)} \\
&+ m_{100}^{(00)} m_{100}^{(22)} m_{001}^{(10)} m_{040}^{(22)} - m_{100}^{(00)} m_{100}^{(22)} m_{001}^{(10)} m_{022}^{(11)} - m_{100}^{(00)} m_{100}^{(22)} m_{001}^{(11)} m_{130}^{(22)} \\
&+ m_{100}^{(00)} m_{100}^{(22)} m_{001}^{(11)} m_{022}^{(10)} - 2m_{100}^{(00)} m_{100}^{(22)} m_{001}^{(20)} m_{040}^{(21)} + 2m_{100}^{(00)} m_{100}^{(22)} m_{001}^{(20)} m_{031}^{(11)} \\
&+ 2m_{100}^{(00)} m_{100}^{(22)} m_{001}^{(21)} m_{130}^{(21)} - 2m_{100}^{(00)} m_{100}^{(22)} m_{001}^{(21)} m_{031}^{(10)} - m_{100}^{(00)} m_{100}^{(22)} m_{001}^{(22)} m_{130}^{(11)} \\
&+ m_{100}^{(00)} m_{100}^{(22)} m_{001}^{(22)} m_{040}^{(10)} - m_{100}^{(00)} m_{010}^{(00)} m_{010}^{(11)} m_{013}^{(22)} + m_{100}^{(00)} m_{010}^{(00)} m_{010}^{(11)} m_{004}^{(21)} \\
&+ m_{100}^{(00)} m_{010}^{(00)} m_{010}^{(21)} m_{022}^{(22)} - m_{100}^{(00)} m_{010}^{(00)} m_{010}^{(21)} m_{004}^{(11)} - m_{100}^{(00)} m_{010}^{(00)} m_{010}^{(22)} m_{022}^{(21)} \\
&+ m_{100}^{(00)} m_{010}^{(00)} m_{010}^{(22)} m_{013}^{(11)} + m_{100}^{(00)} m_{010}^{(00)} m_{001}^{(11)} m_{022}^{(22)} - m_{100}^{(00)} m_{010}^{(00)} m_{001}^{(11)} m_{013}^{(21)} \\
&- m_{100}^{(00)} m_{010}^{(00)} m_{001}^{(21)} m_{031}^{(22)} + m_{100}^{(00)} m_{010}^{(00)} m_{001}^{(21)} m_{013}^{(11)} + m_{100}^{(00)} m_{010}^{(00)} m_{001}^{(22)} m_{031}^{(21)} \\
&- m_{100}^{(00)} m_{010}^{(00)} m_{001}^{(22)} m_{022}^{(11)} + 2m_{100}^{(00)} (m_{010}^{(10)})^2 m_{013}^{(22)} - 2m_{100}^{(00)} (m_{010}^{(10)})^2 m_{004}^{(21)} \\
&- m_{100}^{(00)} m_{010}^{(10)} m_{010}^{(11)} m_{103}^{(22)} + m_{100}^{(00)} m_{010}^{(10)} m_{010}^{(11)} m_{004}^{(20)} - 2m_{100}^{(00)} m_{010}^{(10)} m_{010}^{(20)} m_{022}^{(22)} \\
&+ 2m_{100}^{(00)} m_{010}^{(10)} m_{010}^{(20)} m_{004}^{(11)} - 2m_{100}^{(00)} m_{010}^{(10)} m_{010}^{(21)} m_{112}^{(22)} + 4m_{100}^{(00)} m_{010}^{(10)} m_{010}^{(21)} m_{103}^{(21)}
\end{aligned}
$$

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\begin{aligned}
&-2m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{013}^{(20)}+m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{121}^{(22)}-2m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{103}^{(11)}\\
&+m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{022}^{(20)}-4m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{022}^{(22)}+4m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{013}^{(21)}\\
&+3m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{112}^{(22)}-2m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{103}^{(21)}-m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{013}^{(20)}\\
&+2m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{031}^{(22)}-2m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{013}^{(11)}-m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{121}^{(22)}\\
&-2m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{112}^{(21)}+m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{103}^{(11)}+2m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{022}^{(20)}\\
&+m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{112}^{(11)}-m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{031}^{(20)}+2m_{100}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{112}^{(22)}\\
&-m_{100}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{103}^{(21)}-m_{100}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{004}^{(10)}+m_{100}^{(00)}m_{010}^{(11)}m_{010}^{(21)}m_{202}^{(22)}\\
&-m_{100}^{(00)}m_{010}^{(11)}m_{010}^{(21)}m_{103}^{(20)}-m_{100}^{(00)}m_{010}^{(11)}m_{010}^{(22)}m_{211}^{(22)}+m_{100}^{(00)}m_{010}^{(11)}m_{010}^{(22)}m_{103}^{(10)}\\
&+m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{022}^{(22)}-m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{013}^{(21)}+m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{103}^{(21)}\\
&-m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{013}^{(20)}-m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(11)}m_{202}^{(22)}+m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(11)}m_{103}^{(20)}\\
&-m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{121}^{(22)}+m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{013}^{(10)}+m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{211}^{(22)}\\
&-m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{103}^{(10)}+2m_{100}^{(00)}(m_{010}^{(20)})^2m_{022}^{(21)}-2m_{100}^{(00)}(m_{010}^{(20)})^2m_{013}^{(11)}\\
&-2m_{100}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{112}^{(21)}+2m_{100}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{013}^{(10)}-m_{100}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{121}^{(21)}\\
&+2m_{100}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{112}^{(11)}-m_{100}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{022}^{(10)}+2m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{031}^{(22)}\\
&-2m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{013}^{(11)}-3m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{121}^{(22)}+m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{112}^{(21)}\\
&+m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{103}^{(11)}+m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{013}^{(10)}-4m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(20)}m_{031}^{(21)}\\
&+4m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(20)}m_{022}^{(11)}+m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{130}^{(22)}+4m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{121}^{(21)}\\
&-3m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{112}^{(11)}-2m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{022}^{(10)}-m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{130}^{(21)}\\
&+m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{031}^{(10)}-2m_{100}^{(00)}(m_{010}^{(21)})^2m_{202}^{(21)}+2m_{100}^{(00)}(m_{010}^{(21)})^2m_{112}^{(20)}\\
&+2m_{100}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{211}^{(21)}+m_{100}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{202}^{(11)}-m_{100}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{121}^{(20)}\\
&-2m_{100}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{112}^{(10)}-m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{031}^{(22)}+m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{013}^{(11)}\\
&+3m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{121}^{(22)}-4m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{112}^{(21)}-m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{103}^{(11)}\\
&+2m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{022}^{(20)}-m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{211}^{(22)}+2m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{202}^{(21)}\\
&-m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{112}^{(20)}-m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{130}^{(22)}+2m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{121}^{(21)}\\
&+m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{112}^{(11)}-2m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{022}^{(10)}-2m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(21)}m_{121}^{(20)}\\
&+2m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(21)}m_{112}^{(10)}-m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{211}^{(11)}+m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{130}^{(20)}\\
&-m_{100}^{(00)}(m_{010}^{(22)})^2m_{211}^{(11)}+m_{100}^{(00)}(m_{010}^{(22)})^2m_{121}^{(10)}+m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(00)}m_{031}^{(21)}\\
&-m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(00)}m_{022}^{(11)}-m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{130}^{(22)}-m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{121}^{(21)}\\
&+3m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{112}^{(11)}-m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{031}^{(20)}+m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(11)}m_{220}^{(22)}\\
&-m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(11)}m_{202}^{(11)}+m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(11)}m_{121}^{(20)}-m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(11)}m_{112}^{(10)}\\
&+2m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{130}^{(21)}-3m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{121}^{(11)}+m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{031}^{(10)}\\
&-2m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(21)}m_{220}^{(21)}+m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(21)}m_{211}^{(11)}+m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(21)}m_{121}^{(10)}\\
&+m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(22)}m_{220}^{(11)}-m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(22)}m_{130}^{(10)}-m_{100}^{(00)}m_{001}^{(00)}m_{001}^{(11)}m_{031}^{(22)}\\
&+m_{100}^{(00)}m_{001}^{(00)}m_{001}^{(11)}m_{022}^{(21)}+m_{100}^{(00)}m_{001}^{(00)}m_{001}^{(21)}m_{040}^{(22)}-m_{100}^{(00)}m_{001}^{(00)}m_{001}^{(21)}m_{022}^{(11)}\\
&-m_{100}^{(00)}m_{001}^{(00)}m_{001}^{(22)}m_{040}^{(21)}+m_{100}^{(00)}m_{001}^{(00)}m_{001}^{(22)}m_{031}^{(11)}+2m_{100}^{(00)}(m_{001}^{(10)})^2m_{031}^{(22)}\\
&-2m_{100}^{(00)}(m_{001}^{(10)})^2m_{022}^{(21)}-2m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{121}^{(22)}+m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{112}^{(21)}\\
&+m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{022}^{(20)}-2m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{040}^{(22)}+2m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{022}^{(11)}\\
&+2m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{121}^{(21)}-2m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{031}^{(20)}+m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{130}^{(21)}
\end{aligned}
$$

$$
\begin{aligned}
&-2m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{121}^{(11)} + m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{040}^{(20)} + m_{100}^{(00)}(m_{001}^{(11)})^2m_{211}^{(22)}\\
&-m_{100}^{(00)}(m_{001}^{(11)})^2m_{112}^{(20)} + 2m_{100}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{130}^{(22)} - m_{100}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{112}^{(11)}\\
&-m_{100}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{022}^{(10)} - m_{100}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{220}^{(22)} - 2m_{100}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{211}^{(21)}\\
&+2m_{100}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{121}^{(20)} + m_{100}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{112}^{(10)} + m_{100}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{211}^{(11)}\\
&-m_{100}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{130}^{(20)} + 2m_{100}^{(00)}(m_{001}^{(20)})^2m_{040}^{(21)} - 2m_{100}^{(00)}(m_{001}^{(20)})^2m_{031}^{(11)}\\
&-4m_{100}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{130}^{(21)} + 2m_{100}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{121}^{(11)} + 2m_{100}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{031}^{(10)}\\
&+m_{100}^{(00)}m_{001}^{(20)}m_{001}^{(22)}m_{130}^{(11)} - m_{100}^{(00)}m_{001}^{(20)}m_{001}^{(22)}m_{040}^{(10)} + 2m_{100}^{(00)}(m_{001}^{(21)})^2m_{220}^{(21)}\\
&-2m_{100}^{(00)}(m_{001}^{(21)})^2m_{121}^{(10)} - m_{100}^{(00)}m_{001}^{(21)}m_{001}^{(22)}m_{220}^{(11)} + m_{100}^{(00)}m_{001}^{(21)}m_{001}^{(22)}m_{130}^{(10)}\\
&-2(m_{100}^{(10)})^2m_{010}^{(11)}m_{103}^{(22)} + 2(m_{100}^{(10)})^2m_{010}^{(11)}m_{004}^{(20)} + 2(m_{100}^{(10)})^2m_{010}^{(21)}m_{112}^{(22)}\\
&+2(m_{100}^{(10)})^2m_{010}^{(21)}m_{103}^{(21)} - 2(m_{100}^{(10)})^2m_{010}^{(21)}m_{013}^{(20)} - 2(m_{100}^{(10)})^2m_{010}^{(21)}m_{004}^{(10)}\\
&-2(m_{100}^{(10)})^2m_{010}^{(22)}m_{112}^{(21)} + 2(m_{100}^{(10)})^2m_{010}^{(22)}m_{013}^{(10)} + 2(m_{100}^{(10)})^2m_{001}^{(11)}m_{112}^{(22)}\\
&-2(m_{100}^{(10)})^2m_{001}^{(11)}m_{013}^{(20)} - 2(m_{100}^{(10)})^2m_{001}^{(21)}m_{121}^{(22)} - 2(m_{100}^{(10)})^2m_{001}^{(21)}m_{112}^{(21)}\\
&+2(m_{100}^{(10)})^2m_{001}^{(21)}m_{022}^{(20)} + 2(m_{100}^{(10)})^2m_{001}^{(21)}m_{013}^{(10)} + 2(m_{100}^{(10)})^2m_{001}^{(22)}m_{121}^{(21)}\\
&-2(m_{100}^{(10)})^2m_{001}^{(22)}m_{022}^{(10)} + m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(00)}m_{013}^{(22)} - m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(00)}m_{004}^{(21)}\\
&+2m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(10)}m_{103}^{(22)} - 2m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(10)}m_{004}^{(20)} - 2m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(20)}m_{112}^{(22)}\\
&+2m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(20)}m_{004}^{(10)} - m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(21)}m_{202}^{(22)} + m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(21)}m_{004}^{(00)}\\
&+m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(22)}m_{202}^{(21)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(22)}m_{112}^{(20)} - 2m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(22)}m_{103}^{(10)}\\
&-m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(22)}m_{013}^{(00)} - m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(00)}m_{022}^{(22)} + m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(00)}m_{013}^{(21)}\\
&-2m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(10)}m_{112}^{(22)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(10)}m_{013}^{(20)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{121}^{(22)}\\
&-2m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{013}^{(10)} + m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(21)}m_{211}^{(22)} - m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(21)}m_{013}^{(00)}\\
&-m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{211}^{(21)} - 2m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{121}^{(20)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{112}^{(10)}\\
&+m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{022}^{(00)} + 2m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(11)}m_{112}^{(22)} + 2m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(11)}m_{103}^{(21)}\\
&-4m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(11)}m_{013}^{(20)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{121}^{(22)} - 4m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{112}^{(21)}\\
&-2m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{103}^{(11)} + 4m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{022}^{(20)} + 4m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{013}^{(10)}\\
&+2m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{121}^{(21)} + 2m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{112}^{(11)} - 4m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{022}^{(10)}\\
&-2m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{121}^{(22)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{112}^{(21)} + 4m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{022}^{(20)}\\
&+2m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{130}^{(22)} + 4m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{121}^{(21)} + 2m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{112}^{(11)}\\
&-4m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{031}^{(20)} - 4m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{022}^{(10)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{130}^{(21)}\\
&-2m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{121}^{(11)} + 4m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{031}^{(10)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(00)}m_{022}^{(22)}\\
&+2m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(00)}m_{013}^{(21)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{112}^{(22)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{103}^{(21)}\\
&+2m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{013}^{(20)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{004}^{(10)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(11)}m_{202}^{(22)}\\
&-2m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(11)}m_{004}^{(00)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{121}^{(22)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{112}^{(21)}\\
&+2m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{022}^{(20)} - 6m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{013}^{(10)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(21)}m_{202}^{(21)}\\
&-2m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(21)}m_{112}^{(20)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(21)}m_{103}^{(10)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(21)}m_{013}^{(00)}\\
&-2m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{121}^{(20)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{112}^{(10)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(00)}m_{031}^{(22)}\\
&-2m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(00)}m_{022}^{(21)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{121}^{(22)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{112}^{(21)}\\
&-2m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{022}^{(20)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{013}^{(10)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{211}^{(22)}\\
&+2m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{013}^{(00)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{130}^{(22)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{121}^{(21)}
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&-2m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{031}^{(20)} + 6m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{022}^{(10)} + 2m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{211}^{(21)}\\
&+2m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{121}^{(20)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{112}^{(10)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{022}^{(00)}\\
&+2m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{130}^{(20)} - 2m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{121}^{(10)} + m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(00)}m_{031}^{(22)}\\
&-m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(00)}m_{022}^{(21)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{112}^{(21)} - 2m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{013}^{(10)}\\
&-m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{211}^{(22)} - m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{202}^{(21)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{013}^{(00)}\\
&-2m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{121}^{(21)} - 2m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{031}^{(20)} + 4m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{022}^{(10)}\\
&+2m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{211}^{(21)} + m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{202}^{(11)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{121}^{(20)}\\
&-2m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{112}^{(10)} - 3m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{022}^{(00)} - m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(22)}m_{211}^{(11)}\\
&+m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(22)}m_{031}^{(00)} - m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(00)}m_{040}^{(22)} + m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(00)}m_{031}^{(21)}\\
&-2m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{121}^{(21)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{022}^{(10)} + m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{220}^{(22)}\\
&+m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{211}^{(21)} - 2m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{022}^{(00)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{130}^{(21)}\\
&+2m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{040}^{(20)} - 4m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{031}^{(10)} - 2m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{220}^{(21)}\\
&-m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{211}^{(11)} - 2m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{130}^{(20)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{121}^{(10)}\\
&+3m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{031}^{(00)} + m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(22)}m_{220}^{(11)} - m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(22)}m_{040}^{(00)}\\
&-2m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(10)}m_{013}^{(22)} + 2m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(10)}m_{004}^{(21)} + 2m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(11)}m_{103}^{(22)}\\
&-2m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(11)}m_{004}^{(20)} + m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(20)}m_{022}^{(22)} - m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(20)}m_{004}^{(11)}\\
&-4m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{103}^{(21)} + 2m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{013}^{(20)} + 2m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{004}^{(10)}\\
&-m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{121}^{(22)} + 2m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{112}^{(21)} + m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{103}^{(11)}\\
&-2m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{013}^{(10)} + 2m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(10)}m_{022}^{(22)} - 2m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(10)}m_{013}^{(21)}\\
&-3m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(11)}m_{112}^{(22)} + m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(11)}m_{103}^{(21)} + 2m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(11)}m_{013}^{(20)}\\
&-m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{031}^{(22)} + m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{013}^{(11)} + 2m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{121}^{(22)}\\
&+2m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{112}^{(21)} - 2m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{022}^{(20)} - 2m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{013}^{(10)}\\
&-m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{121}^{(21)} - m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{112}^{(11)} + 2m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{022}^{(10)}\\
&+2m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{112}^{(22)} - 2m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{103}^{(21)} + 2m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{013}^{(20)}\\
&-2m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{004}^{(10)} - 2m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{112}^{(20)} + 2m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{103}^{(10)}\\
&+2m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{022}^{(22)} - 2m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{013}^{(21)} - 2m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(11)}m_{202}^{(22)}\\
&+2m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(11)}m_{103}^{(20)} - 2m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{121}^{(22)} + 2m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{112}^{(21)}\\
&-2m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{022}^{(20)} + 2m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{013}^{(10)} + 2m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(21)}m_{211}^{(22)}\\
&+2m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(21)}m_{202}^{(21)} - 2m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(21)}m_{112}^{(20)} - 2m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(21)}m_{103}^{(10)}\\
&-2m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{211}^{(21)} + 2m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{121}^{(20)} - 3m_{100}^{(10)}m_{010}^{(11)}m_{010}^{(20)}m_{202}^{(22)}\\
&+2m_{100}^{(10)}m_{010}^{(11)}m_{010}^{(20)}m_{103}^{(20)} + m_{100}^{(10)}m_{010}^{(11)}m_{010}^{(20)}m_{004}^{(00)} + m_{100}^{(10)}m_{010}^{(11)}m_{010}^{(22)}m_{301}^{(22)}\\
&-m_{100}^{(10)}m_{010}^{(11)}m_{010}^{(22)}m_{103}^{(00)} - 3m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{112}^{(22)} + m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{103}^{(21)}\\
&+2m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{013}^{(20)} + 4m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(10)}m_{202}^{(22)} - 4m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(10)}m_{103}^{(20)}\\
&+m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{211}^{(22)} - 2m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{202}^{(21)} + 2m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{112}^{(20)}\\
&-m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{013}^{(00)} - 2m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(21)}m_{301}^{(22)} + 2m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(21)}m_{103}^{(00)}\\
&+m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(22)}m_{301}^{(21)} - m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(22)}m_{112}^{(00)} - 2m_{100}^{(10)}(m_{010}^{(20)})^2m_{112}^{(21)}\\
&+2m_{100}^{(10)}(m_{010}^{(20)})^2m_{103}^{(11)} - 2m_{100}^{(10)}(m_{010}^{(20)})^2m_{022}^{(20)} + 2m_{100}^{(10)}(m_{010}^{(20)})^2m_{013}^{(10)}\\
&+6m_{100}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{202}^{(21)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{112}^{(20)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{103}^{(10)}
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&-2m_{100}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{013}^{(00)} - 3m_{100}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{202}^{(11)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{121}^{(20)}\\
&+m_{100}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{022}^{(00)} - m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{031}^{(22)} + m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{013}^{(11)}\\
&-2m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{121}^{(22)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{112}^{(21)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{022}^{(20)}\\
&+2m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{013}^{(10)} + 5m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{211}^{(22)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{112}^{(20)}\\
&-2m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{103}^{(10)} - m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{013}^{(00)} + 4m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{121}^{(21)}\\
&-4m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{112}^{(11)} + 4m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{031}^{(20)} - 4m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{022}^{(10)}\\
&-2m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{220}^{(22)} - 8m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{211}^{(21)} + 8m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{112}^{(10)}\\
&+2m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{022}^{(00)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{220}^{(21)} + 3m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{211}^{(11)}\\
&-4m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{121}^{(10)} - m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{031}^{(00)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{301}^{(21)}\\
&+2m_{100}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{112}^{(00)} + m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{121}^{(22)} + 4m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{112}^{(21)}\\
&-m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{103}^{(11)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{022}^{(20)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{013}^{(10)}\\
&-4m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{211}^{(22)} - 4m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{202}^{(21)} + 4m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{112}^{(20)}\\
&+4m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{103}^{(10)} + m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(11)}m_{301}^{(22)} - m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(11)}m_{103}^{(00)}\\
&+2m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{220}^{(22)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{211}^{(21)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{202}^{(11)}\\
&-2m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{121}^{(20)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{112}^{(10)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{022}^{(00)}\\
&+2m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(21)}m_{301}^{(21)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(21)}m_{211}^{(20)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(21)}m_{202}^{(10)}\\
&-2m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(21)}m_{112}^{(00)} - m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{301}^{(11)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{220}^{(20)}\\
&+2m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{211}^{(10)} + m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{121}^{(00)} + m_{100}^{(10)}(m_{010}^{(22)})^2m_{301}^{(11)}\\
&-m_{100}^{(10)}(m_{010}^{(22)})^2m_{121}^{(00)} + m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{130}^{(22)} - 3m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{121}^{(21)}\\
&+2m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{022}^{(10)} + 4m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{211}^{(21)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{121}^{(20)}\\
&-6m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{112}^{(10)} - m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(11)}m_{310}^{(22)} - m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(11)}m_{301}^{(21)}\\
&-2m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(11)}m_{211}^{(20)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(11)}m_{202}^{(10)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(11)}m_{112}^{(00)}\\
&-2m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{220}^{(21)} + m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{211}^{(11)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{130}^{(20)}\\
&+4m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{121}^{(10)} - m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{031}^{(00)} + 2m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{310}^{(21)}\\
&+2m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{220}^{(20)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{211}^{(10)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{121}^{(00)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(22)}m_{310}^{(11)} + m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(22)}m_{130}^{(00)} - 2m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(10)}m_{031}^{(22)}\\
&+2m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(10)}m_{022}^{(21)} + 4m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{121}^{(22)} - 2m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{112}^{(21)}\\
&-2m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{022}^{(20)} + m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(20)}m_{040}^{(22)} - m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(20)}m_{022}^{(11)}\\
&-3m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{130}^{(22)} - 2m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{121}^{(21)} + m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{112}^{(11)}\\
&+2m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{031}^{(20)} + 2m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{022}^{(10)} + 2m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{130}^{(21)}\\
&-2m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{031}^{(10)} - 2m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(11)}m_{211}^{(22)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(11)}m_{112}^{(20)}\\
&+2m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{130}^{(22)} - 2m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{121}^{(21)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{031}^{(20)}\\
&-2m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{022}^{(10)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{220}^{(22)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{211}^{(21)}\\
&-2m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{121}^{(20)} - 2m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{112}^{(10)} - 2m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{220}^{(21)}\\
&-2m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{130}^{(20)} + 4m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{121}^{(10)} - 3m_{100}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{220}^{(22)}\\
&+2m_{100}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{211}^{(21)} - 2m_{100}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{121}^{(20)} + 2m_{100}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{112}^{(10)}\\
&+m_{100}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{022}^{(00)} + m_{100}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{310}^{(22)} - m_{100}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{112}^{(00)}\\
&+2m_{100}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{220}^{(20)} - 2m_{100}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{211}^{(10)} - 2m_{100}^{(10)}(m_{001}^{(20)})^2m_{130}^{(21)}
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&+2m_{100}^{(10)}(m_{001}^{(20)})^2m_{121}^{(11)} - 2m_{100}^{(10)}(m_{001}^{(20)})^2m_{040}^{(20)} + 2m_{100}^{(10)}(m_{001}^{(20)})^2m_{031}^{(10)}\\
&+4m_{100}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{220}^{(21)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{211}^{(11)} + 4m_{100}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{130}^{(20)}\\
&-4m_{100}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{121}^{(10)} - 2m_{100}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{031}^{(00)} - m_{100}^{(10)}m_{001}^{(20)}m_{001}^{(22)}m_{220}^{(11)}\\
&+m_{100}^{(10)}m_{001}^{(20)}m_{001}^{(22)}m_{040}^{(00)} - 2m_{100}^{(10)}(m_{001}^{(21)})^2m_{310}^{(21)} - 2m_{100}^{(10)}(m_{001}^{(21)})^2m_{220}^{(20)}\\
&+2m_{100}^{(10)}(m_{001}^{(21)})^2m_{211}^{(10)} + 2m_{100}^{(10)}(m_{001}^{(21)})^2m_{121}^{(00)} + m_{100}^{(10)}m_{001}^{(21)}m_{001}^{(22)}m_{310}^{(11)}\\
&-m_{100}^{(10)}m_{001}^{(21)}m_{001}^{(22)}m_{130}^{(00)} - (m_{100}^{(11)})^2m_{010}^{(00)}m_{103}^{(22)} + (m_{100}^{(11)})^2m_{010}^{(00)}m_{004}^{(20)}\\
&+(m_{100}^{(11)})^2m_{010}^{(20)}m_{202}^{(22)} - (m_{100}^{(11)})^2m_{010}^{(20)}m_{004}^{(00)} - (m_{100}^{(11)})^2m_{010}^{(22)}m_{202}^{(20)}\\
&+(m_{100}^{(11)})^2m_{010}^{(22)}m_{103}^{(00)} + (m_{100}^{(11)})^2m_{001}^{(00)}m_{112}^{(22)} - (m_{100}^{(11)})^2m_{001}^{(00)}m_{013}^{(20)}\\
&-(m_{100}^{(11)})^2m_{001}^{(20)}m_{211}^{(22)} + (m_{100}^{(11)})^2m_{001}^{(20)}m_{013}^{(00)} + (m_{100}^{(11)})^2m_{001}^{(22)}m_{211}^{(20)}\\
&-(m_{100}^{(11)})^2m_{001}^{(22)}m_{112}^{(00)} - m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(00)}m_{013}^{(21)} + m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(00)}m_{004}^{(11)}\\
&-2m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{103}^{(21)} + 4m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{013}^{(20)} - 2m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{004}^{(10)}\\
&-m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(11)}m_{202}^{(22)} + m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(11)}m_{004}^{(00)} + 2m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{112}^{(21)}\\
&-2m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{022}^{(20)} + m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{211}^{(22)} + 2m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{202}^{(21)}\\
&-2m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{112}^{(20)} + 2m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{103}^{(10)} - 3m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{013}^{(00)}\\
&-m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{211}^{(21)} - m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{202}^{(11)} + 2m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{022}^{(00)}\\
&+m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(00)}m_{022}^{(21)} - m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(00)}m_{013}^{(11)} + 2m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{112}^{(21)}\\
&-4m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{022}^{(20)} + 2m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{013}^{(10)} + m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{211}^{(22)}\\
&-m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{013}^{(00)} - 2m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(20)}m_{121}^{(21)} + 2m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(20)}m_{031}^{(20)}\\
&-m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{220}^{(22)} - 2m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{211}^{(21)} + 2m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{121}^{(20)}\\
&-2m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{112}^{(10)} + 3m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{022}^{(00)} + m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{220}^{(21)}\\
&+m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{211}^{(11)} - 2m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{031}^{(00)} + 2m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(00)}m_{112}^{(22)}\\
&+2m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(00)}m_{103}^{(21)} - 3m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(00)}m_{013}^{(20)} - m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(00)}m_{004}^{(10)}\\
&-m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(10)}m_{202}^{(22)} + m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(10)}m_{004}^{(00)} - m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{211}^{(22)}\\
&-2m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{202}^{(21)} + 3m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{013}^{(00)} + 2m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(21)}m_{202}^{(20)}\\
&-2m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(21)}m_{103}^{(00)} + m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(22)}m_{211}^{(20)} + m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(22)}m_{202}^{(10)}\\
&-2m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(22)}m_{112}^{(00)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{121}^{(22)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{112}^{(21)}\\
&+3m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{022}^{(20)} + m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{013}^{(10)} + m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{211}^{(22)}\\
&-m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{013}^{(00)} + m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{220}^{(22)} + 2m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{211}^{(21)}\\
&-3m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{022}^{(00)} - 2m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(21)}m_{211}^{(20)} + 2m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(21)}m_{112}^{(00)}\\
&-m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{220}^{(20)} - m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{211}^{(10)} + 2m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{121}^{(00)}\\
&-m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{121}^{(22)} - m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{103}^{(11)} + m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{022}^{(20)}\\
&+m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{013}^{(10)} + m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{211}^{(22)} - 2m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{112}^{(20)}\\
&+2m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{103}^{(10)} - m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{013}^{(00)} + m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(11)}m_{202}^{(20)}\\
&-m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(11)}m_{103}^{(00)} + m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{202}^{(11)} + 2m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{121}^{(20)}\\
&-2m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{112}^{(10)} - m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{022}^{(00)} - 2m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{211}^{(20)}\\
&-2m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{202}^{(10)} + 4m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{112}^{(00)} + m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(22)}m_{211}^{(10)}\\
&-m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(22)}m_{121}^{(00)} + m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(00)}m_{130}^{(22)} + m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(00)}m_{112}^{(11)}\\
&-m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(00)}m_{031}^{(20)} - m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(00)}m_{022}^{(10)} - m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(10)}m_{220}^{(22)}
\end{aligned}
$$

$$+2m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(10)}m_{121}^{(20)} - 2m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(10)}m_{112}^{(10)} + m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(10)}m_{022}^{(00)}$$
$$-m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(11)}m_{211}^{(20)} + m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(11)}m_{112}^{(00)} - m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(20)}m_{211}^{(11)}$$
$$-2m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(20)}m_{130}^{(20)} + 2m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(20)}m_{121}^{(10)} + m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(20)}m_{031}^{(00)}$$
$$+2m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(21)}m_{220}^{(20)} + 2m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(21)}m_{211}^{(10)} - 4m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(21)}m_{121}^{(00)}$$
$$-m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(22)}m_{220}^{(10)} + m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(22)}m_{130}^{(00)} + m_{100}^{(11)}(m_{010}^{(00)})^2m_{013}^{(22)}$$
$$-m_{100}^{(11)}(m_{010}^{(00)})^2m_{004}^{(21)} - m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(10)}m_{103}^{(22)} + m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(10)}m_{004}^{(20)}$$
$$-2m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(20)}m_{112}^{(22)} + 3m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(20)}m_{103}^{(21)} - 2m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(20)}m_{013}^{(20)}$$
$$+m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(20)}m_{004}^{(10)} + m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(21)}m_{103}^{(20)} - m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(21)}m_{004}^{(00)}$$
$$+m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(22)}m_{211}^{(22)} - m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(22)}m_{202}^{(21)} - m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(22)}m_{103}^{(10)}$$
$$+m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(22)}m_{013}^{(00)} - 2m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(00)}m_{022}^{(22)} + 2m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(00)}m_{013}^{(21)}$$
$$+m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(10)}m_{103}^{(21)} - m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(10)}m_{013}^{(20)} + 2m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(11)}m_{202}^{(22)}$$
$$-2m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(11)}m_{103}^{(20)} + 2m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{121}^{(22)} - 2m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{112}^{(21)}$$
$$-m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{103}^{(11)} + 2m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{022}^{(20)} - m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{013}^{(10)}$$
$$-2m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(21)}m_{211}^{(22)} - 2m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(21)}m_{202}^{(21)} + 2m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(21)}m_{112}^{(20)}$$
$$+m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(21)}m_{103}^{(10)} + m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(21)}m_{013}^{(00)} + m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(22)}m_{211}^{(21)}$$
$$+m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(22)}m_{202}^{(11)} - m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(22)}m_{121}^{(20)} - m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(22)}m_{022}^{(00)}$$
$$+2m_{100}^{(11)}m_{010}^{(10)}m_{010}^{(20)}m_{202}^{(22)} - 2m_{100}^{(11)}m_{010}^{(10)}m_{010}^{(20)}m_{103}^{(20)} - m_{100}^{(11)}m_{010}^{(10)}m_{010}^{(22)}m_{301}^{(22)}$$
$$+m_{100}^{(11)}m_{010}^{(10)}m_{010}^{(22)}m_{202}^{(20)} + 3m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{112}^{(22)} - 2m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{103}^{(21)}$$
$$-m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{013}^{(20)} - 2m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(10)}m_{202}^{(22)} + 2m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(10)}m_{103}^{(20)}$$
$$-2m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{211}^{(22)} + 2m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{202}^{(21)} - 2m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{112}^{(20)}$$
$$+2m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{103}^{(10)} + m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(21)}m_{301}^{(22)} - m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(21)}m_{103}^{(00)}$$
$$+m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(22)}m_{211}^{(20)} - 2m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(22)}m_{202}^{(10)} + m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(22)}m_{112}^{(00)}$$
$$-m_{100}^{(11)}m_{010}^{(11)}m_{001}^{(00)}m_{202}^{(22)} + m_{100}^{(11)}m_{010}^{(11)}m_{001}^{(00)}m_{103}^{(20)} + m_{100}^{(11)}m_{010}^{(11)}m_{001}^{(20)}m_{301}^{(22)}$$
$$-m_{100}^{(11)}m_{010}^{(11)}m_{001}^{(20)}m_{103}^{(00)} - m_{100}^{(11)}m_{010}^{(11)}m_{001}^{(22)}m_{301}^{(20)} + m_{100}^{(11)}m_{010}^{(11)}m_{001}^{(22)}m_{202}^{(00)}$$
$$-2m_{100}^{(11)}(m_{010}^{(20)})^2m_{202}^{(21)} + 4m_{100}^{(11)}(m_{010}^{(20)})^2m_{112}^{(20)} - 2m_{100}^{(11)}(m_{010}^{(20)})^2m_{103}^{(10)}$$
$$-2m_{100}^{(11)}m_{010}^{(20)}m_{010}^{(21)}m_{202}^{(20)} + 2m_{100}^{(11)}m_{010}^{(20)}m_{010}^{(21)}m_{103}^{(00)} + m_{100}^{(11)}m_{010}^{(20)}m_{010}^{(22)}m_{301}^{(21)}$$
$$-2m_{100}^{(11)}m_{010}^{(20)}m_{010}^{(22)}m_{211}^{(20)} + 3m_{100}^{(11)}m_{010}^{(20)}m_{010}^{(22)}m_{202}^{(10)} - 2m_{100}^{(11)}m_{010}^{(20)}m_{010}^{(22)}m_{112}^{(00)}$$
$$+m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{121}^{(22)} - 3m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{112}^{(21)} + m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{103}^{(11)}$$
$$+2m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{022}^{(20)} - m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{013}^{(10)} + 2m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{112}^{(20)}$$
$$-2m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{103}^{(10)} - 2m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(11)}m_{301}^{(22)} + 2m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(11)}m_{103}^{(00)}$$
$$+2m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{211}^{(21)} - 6m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{121}^{(20)} + 4m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{112}^{(10)}$$
$$+m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{310}^{(22)} + 2m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{301}^{(21)} + 2m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{211}^{(20)}$$
$$-5m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{112}^{(00)} - m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{310}^{(21)} - m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{301}^{(11)}$$
$$-m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{211}^{(10)} + 3m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{121}^{(00)} + m_{100}^{(11)}m_{010}^{(21)}m_{010}^{(22)}m_{301}^{(20)}$$
$$-m_{100}^{(11)}m_{010}^{(21)}m_{010}^{(22)}m_{202}^{(00)} + 2m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{202}^{(21)} - 3m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{112}^{(20)}$$
$$+m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{013}^{(00)} + m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(10)}m_{301}^{(22)} - m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(10)}m_{103}^{(00)}$$
$$-m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{310}^{(22)} - 2m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{301}^{(21)} + 4m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{211}^{(20)}$$
$$-2m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{202}^{(10)} + m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{112}^{(00)} - 2m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(21)}m_{301}^{(20)}$$

$$
\begin{aligned}
&+2m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(21)}m_{202}^{(00)}+m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(22)}m_{310}^{(20)}+2m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(22)}m_{301}^{(10)}\\
&-3m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(22)}m_{211}^{(00)}-m_{100}^{(11)}(m_{010}^{(22)})^2m_{301}^{(10)}+m_{100}^{(11)}(m_{010}^{(22)})^2m_{211}^{(00)}\\
&-m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{220}^{(22)}+m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{211}^{(21)}-m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{202}^{(11)}\\
&+m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{121}^{(20)}+m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{112}^{(10)}-m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{022}^{(00)}\\
&+m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(10)}m_{310}^{(22)}-m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(10)}m_{301}^{(21)}-3m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(10)}m_{211}^{(20)}\\
&+2m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(10)}m_{202}^{(10)}+m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(10)}m_{112}^{(00)}+2m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(11)}m_{301}^{(20)}\\
&-2m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(11)}m_{202}^{(00)}+m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{301}^{(11)}+2m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{220}^{(20)}\\
&-3m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{211}^{(10)}-2m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(21)}m_{310}^{(20)}-m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(21)}m_{301}^{(10)}\\
&+3m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(21)}m_{211}^{(00)}+m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(22)}m_{310}^{(10)}-m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(22)}m_{220}^{(00)}\\
&+m_{100}^{(11)}(m_{001}^{(00)})^2m_{031}^{(22)}-m_{100}^{(11)}(m_{001}^{(00)})^2m_{022}^{(21)}-2m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{121}^{(22)}\\
&+m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{112}^{(21)}+m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{022}^{(20)}-m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{211}^{(22)}\\
&+m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{112}^{(20)}-m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{130}^{(22)}+2m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{121}^{(21)}\\
&-2m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{031}^{(20)}+m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{022}^{(10)}+2m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{220}^{(22)}\\
&-m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{112}^{(10)}-m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{022}^{(00)}-m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{220}^{(21)}\\
&+m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{031}^{(00)}+2m_{100}^{(11)}(m_{001}^{(10)})^2m_{211}^{(22)}-2m_{100}^{(11)}(m_{001}^{(10)})^2m_{112}^{(20)}\\
&-2m_{100}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{211}^{(21)}+2m_{100}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{121}^{(20)}-2m_{100}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{310}^{(22)}\\
&+2m_{100}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{112}^{(00)}+m_{100}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{310}^{(21)}+m_{100}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{220}^{(20)}\\
&-2m_{100}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{121}^{(00)}+m_{100}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{310}^{(22)}-m_{100}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{112}^{(00)}\\
&-m_{100}^{(11)}m_{001}^{(11)}m_{001}^{(22)}m_{310}^{(20)}+m_{100}^{(11)}m_{001}^{(11)}m_{001}^{(22)}m_{211}^{(00)}+2m_{100}^{(11)}(m_{001}^{(20)})^2m_{130}^{(20)}\\
&-2m_{100}^{(11)}(m_{001}^{(20)})^2m_{121}^{(10)}-4m_{100}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{220}^{(20)}+2m_{100}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{211}^{(10)}\\
&+2m_{100}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{121}^{(00)}+m_{100}^{(11)}m_{001}^{(20)}m_{001}^{(22)}m_{220}^{(10)}-m_{100}^{(11)}m_{001}^{(20)}m_{001}^{(22)}m_{130}^{(00)}\\
&+2m_{100}^{(11)}(m_{001}^{(21)})^2m_{310}^{(20)}-2m_{100}^{(11)}(m_{001}^{(21)})^2m_{211}^{(00)}-m_{100}^{(11)}m_{001}^{(21)}m_{001}^{(22)}m_{310}^{(10)}\\
&+m_{100}^{(11)}m_{001}^{(21)}m_{001}^{(22)}m_{220}^{(00)}-2(m_{100}^{(20)})^2m_{010}^{(11)}m_{112}^{(21)}+2(m_{100}^{(20)})^2m_{010}^{(11)}m_{022}^{(20)}\\
&+2(m_{100}^{(20)})^2m_{010}^{(21)}m_{121}^{(21)}+2(m_{100}^{(20)})^2m_{010}^{(21)}m_{112}^{(11)}-2(m_{100}^{(20)})^2m_{010}^{(21)}m_{031}^{(20)}\\
&-2(m_{100}^{(20)})^2m_{010}^{(21)}m_{022}^{(10)}-2(m_{100}^{(20)})^2m_{010}^{(22)}m_{121}^{(11)}+2(m_{100}^{(20)})^2m_{010}^{(22)}m_{031}^{(10)}\\
&+2(m_{100}^{(20)})^2m_{001}^{(11)}m_{121}^{(21)}-2(m_{100}^{(20)})^2m_{001}^{(11)}m_{031}^{(20)}-2(m_{100}^{(20)})^2m_{001}^{(21)}m_{130}^{(21)}\\
&-2(m_{100}^{(20)})^2m_{001}^{(21)}m_{121}^{(11)}+2(m_{100}^{(20)})^2m_{001}^{(21)}m_{040}^{(20)}+2(m_{100}^{(20)})^2m_{001}^{(21)}m_{031}^{(10)}\\
&+2(m_{100}^{(20)})^2m_{001}^{(22)}m_{130}^{(11)}-2(m_{100}^{(20)})^2m_{001}^{(22)}m_{040}^{(10)}+2m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(00)}m_{022}^{(21)}\\
&-2m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(00)}m_{013}^{(11)}+2m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{112}^{(21)}+2m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{103}^{(11)}\\
&-6m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{022}^{(20)}+2m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{013}^{(10)}+2m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{112}^{(20)}\\
&-2m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{103}^{(10)}-2m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{121}^{(21)}-2m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{112}^{(11)}\\
&+2m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{031}^{(20)}+2m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{022}^{(10)}-2m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{211}^{(21)}\\
&+2m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{121}^{(20)}-2m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{112}^{(10)}+2m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{022}^{(00)}\\
&+2m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(22)}m_{211}^{(11)}-2m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(22)}m_{031}^{(00)}-2m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(00)}m_{031}^{(21)}\\
&+2m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(00)}m_{022}^{(11)}-2m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{121}^{(21)}-2m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{112}^{(11)}\\
&+6m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{031}^{(20)}-2m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{022}^{(10)}-2m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(11)}m_{121}^{(20)}\\
&+2m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(11)}m_{112}^{(10)}+2m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(20)}m_{130}^{(21)}+2m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(20)}m_{121}^{(11)}\\
&-2m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(20)}m_{040}^{(20)}-2m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(20)}m_{031}^{(10)}+2m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(21)}m_{220}^{(21)}
\end{aligned}
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\begin{aligned}
&-2m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(21)}m_{130}^{(20)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(21)}m_{121}^{(10)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(21)}m_{031}^{(00)}\\
&-2m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(22)}m_{220}^{(11)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(22)}m_{040}^{(00)} - m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(00)}m_{031}^{(21)}\\
&+m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(00)}m_{022}^{(11)} - 2m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{112}^{(11)} + 2m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{031}^{(20)}\\
&+m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{211}^{(21)} - 2m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{121}^{(20)} + 2m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{112}^{(10)}\\
&-m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{022}^{(00)} + 2m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(20)}m_{121}^{(11)} - 2m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(20)}m_{031}^{(10)}\\
&-m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(21)}m_{211}^{(11)} + m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(21)}m_{031}^{(00)} + m_{100}^{(20)}m_{100}^{(22)}m_{001}^{(00)}m_{040}^{(21)}\\
&-m_{100}^{(20)}m_{100}^{(22)}m_{001}^{(00)}m_{031}^{(11)} + 2m_{100}^{(20)}m_{100}^{(22)}m_{001}^{(10)}m_{121}^{(11)} - 2m_{100}^{(20)}m_{100}^{(22)}m_{001}^{(10)}m_{040}^{(20)}\\
&-m_{100}^{(20)}m_{100}^{(22)}m_{001}^{(11)}m_{220}^{(21)} + 2m_{100}^{(20)}m_{100}^{(22)}m_{001}^{(11)}m_{130}^{(20)} - 2m_{100}^{(20)}m_{100}^{(22)}m_{001}^{(11)}m_{121}^{(10)}\\
&+m_{100}^{(20)}m_{100}^{(22)}m_{001}^{(11)}m_{031}^{(00)} - 2m_{100}^{(20)}m_{100}^{(22)}m_{001}^{(20)}m_{130}^{(11)} + 2m_{100}^{(20)}m_{100}^{(22)}m_{001}^{(20)}m_{040}^{(10)}\\
&+m_{100}^{(20)}m_{100}^{(22)}m_{001}^{(21)}m_{220}^{(11)} - m_{100}^{(20)}m_{100}^{(22)}m_{001}^{(21)}m_{040}^{(00)} + m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(10)}m_{022}^{(22)}\\
&-m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(10)}m_{004}^{(11)} - 2m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(11)}m_{103}^{(21)} + 2m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(11)}m_{013}^{(20)}\\
&-2m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(20)}m_{022}^{(21)} + 2m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(20)}m_{013}^{(11)} - m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{121}^{(22)}\\
&+2m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{112}^{(21)} + 3m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{103}^{(11)} - 2m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{022}^{(20)}\\
&-2m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{013}^{(10)} + 2m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(22)}m_{121}^{(21)} - 4m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(22)}m_{112}^{(11)}\\
&+2m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(22)}m_{022}^{(10)} - m_{100}^{(20)}m_{010}^{(00)}m_{001}^{(10)}m_{031}^{(22)} + m_{100}^{(20)}m_{010}^{(00)}m_{001}^{(10)}m_{013}^{(11)}\\
&+3m_{100}^{(20)}m_{010}^{(00)}m_{001}^{(11)}m_{112}^{(21)} - m_{100}^{(20)}m_{010}^{(00)}m_{001}^{(11)}m_{103}^{(11)} - 2m_{100}^{(20)}m_{010}^{(00)}m_{001}^{(11)}m_{022}^{(20)}\\
&+2m_{100}^{(20)}m_{010}^{(00)}m_{001}^{(20)}m_{031}^{(21)} - 2m_{100}^{(20)}m_{010}^{(00)}m_{001}^{(20)}m_{022}^{(11)} + m_{100}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{130}^{(22)}\\
&-4m_{100}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{121}^{(21)} - m_{100}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{112}^{(11)} + 2m_{100}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{031}^{(20)}\\
&+2m_{100}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{022}^{(10)} - m_{100}^{(20)}m_{010}^{(00)}m_{001}^{(22)}m_{130}^{(21)} + 3m_{100}^{(20)}m_{010}^{(00)}m_{001}^{(22)}m_{121}^{(11)}\\
&-2m_{100}^{(20)}m_{010}^{(00)}m_{001}^{(22)}m_{031}^{(10)} - 2m_{100}^{(20)}(m_{010}^{(10)})^2m_{112}^{(22)} + 2m_{100}^{(20)}(m_{010}^{(10)})^2m_{103}^{(21)}\\
&-2m_{100}^{(20)}(m_{010}^{(10)})^2m_{013}^{(20)} + 2m_{100}^{(20)}(m_{010}^{(10)})^2m_{004}^{(10)} + m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(11)}m_{202}^{(22)}\\
&-m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(11)}m_{004}^{(00)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{112}^{(21)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{103}^{(11)}\\
&+2m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{022}^{(20)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{013}^{(10)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{211}^{(22)}\\
&-4m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{202}^{(21)} + 4m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{112}^{(20)} - 4m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{103}^{(10)}\\
&+2m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{013}^{(00)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{211}^{(21)} + 3m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{202}^{(11)}\\
&-2m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{121}^{(20)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{112}^{(10)} - m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{022}^{(00)}\\
&-m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(00)}m_{031}^{(22)} + m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(00)}m_{013}^{(11)} + 4m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{121}^{(22)}\\
&-4m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{112}^{(21)} + 4m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{022}^{(20)} - 4m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{013}^{(10)}\\
&-m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{211}^{(22)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{202}^{(21)} - 4m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{112}^{(20)}\\
&+2m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{103}^{(10)} + m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{013}^{(00)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{121}^{(21)}\\
&+2m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{112}^{(11)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{031}^{(20)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{022}^{(10)}\\
&-2m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{220}^{(22)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{211}^{(21)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{202}^{(11)}\\
&+2m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{121}^{(20)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{112}^{(10)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{022}^{(00)}\\
&+2m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(22)}m_{220}^{(21)} - m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(22)}m_{211}^{(11)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(22)}m_{121}^{(10)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(22)}m_{031}^{(00)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{202}^{(21)} - 4m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{112}^{(20)}\\
&+2m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{103}^{(10)} - m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(21)}m_{301}^{(22)} + m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(21)}m_{103}^{(00)}\\
&+2m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{211}^{(20)} - 2m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{202}^{(10)} + m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{121}^{(22)}\\
&+m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{112}^{(21)} - 2m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{022}^{(20)} - 3m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{211}^{(22)}
\end{aligned}
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\begin{aligned}
&-2m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{202}^{(21)} + 4m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{112}^{(20)} + m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{013}^{(00)}\\
&+m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(11)}m_{301}^{(22)} - m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(11)}m_{103}^{(00)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{211}^{(21)}\\
&-2m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{112}^{(10)} + m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{310}^{(22)} - 2m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{211}^{(20)}\\
&+2m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{202}^{(10)} - m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{112}^{(00)} - m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(22)}m_{310}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(22)}m_{121}^{(00)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{211}^{(21)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{202}^{(11)}\\
&+2m_{100}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{121}^{(20)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{112}^{(10)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{010}^{(22)}m_{211}^{(11)}\\
&-2m_{100}^{(20)}m_{010}^{(20)}m_{010}^{(22)}m_{121}^{(10)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(00)}m_{031}^{(21)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(00)}m_{022}^{(11)}\\
&-2m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{121}^{(21)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{112}^{(11)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{031}^{(20)}\\
&+2m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{022}^{(10)} - 4m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{211}^{(21)} + 6m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{121}^{(20)}\\
&-2m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{112}^{(10)} + 4m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(21)}m_{220}^{(21)} + 4m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(21)}m_{211}^{(11)}\\
&-4m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(21)}m_{130}^{(20)} - 4m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(21)}m_{121}^{(10)} - 4m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(22)}m_{220}^{(11)}\\
&+4m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(22)}m_{130}^{(10)} + 2m_{100}^{(20)}(m_{010}^{(21)})^2m_{301}^{(21)} - 2m_{100}^{(20)}(m_{010}^{(21)})^2m_{211}^{(20)}\\
&+2m_{100}^{(20)}(m_{010}^{(21)})^2m_{202}^{(10)} - 2m_{100}^{(20)}(m_{010}^{(21)})^2m_{112}^{(00)} - m_{100}^{(20)}m_{010}^{(21)}m_{010}^{(22)}m_{301}^{(11)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{010}^{(22)}m_{121}^{(00)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{121}^{(21)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{112}^{(11)}\\
&+2m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{031}^{(20)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{022}^{(10)} + 8m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{211}^{(21)}\\
&+2m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{202}^{(11)} - 8m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{121}^{(20)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{022}^{(00)}\\
&-2m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{301}^{(21)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{211}^{(20)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{202}^{(10)}\\
&+2m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{112}^{(00)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{220}^{(21)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{211}^{(11)}\\
&+2m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{130}^{(20)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{121}^{(10)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(21)}m_{310}^{(21)}\\
&+2m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(21)}m_{220}^{(20)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(21)}m_{211}^{(10)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(21)}m_{121}^{(00)}\\
&+2m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(22)}m_{310}^{(11)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(22)}m_{130}^{(00)} - m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(00)}m_{130}^{(21)}\\
&+3m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(00)}m_{121}^{(11)} - 2m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(00)}m_{031}^{(10)} - 5m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{211}^{(11)}\\
&+2m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{130}^{(20)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{121}^{(10)} + m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{031}^{(00)}\\
&+m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(11)}m_{310}^{(21)} + m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(11)}m_{301}^{(11)} - 2m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(11)}m_{220}^{(20)}\\
&+2m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(11)}m_{211}^{(10)} - 2m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(11)}m_{121}^{(00)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(20)}m_{220}^{(11)}\\
&-2m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(20)}m_{130}^{(10)} - m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(21)}m_{310}^{(11)} + m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(21)}m_{130}^{(00)}\\
&+m_{100}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{040}^{(22)} - m_{100}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{022}^{(11)} - m_{100}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{130}^{(22)}\\
&-2m_{100}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{121}^{(21)} + m_{100}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{112}^{(11)} + 2m_{100}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{031}^{(20)}\\
&-2m_{100}^{(20)}m_{001}^{(00)}m_{001}^{(20)}m_{040}^{(21)} + 2m_{100}^{(20)}m_{001}^{(00)}m_{001}^{(20)}m_{031}^{(11)} + 4m_{100}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{130}^{(21)}\\
&-2m_{100}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{040}^{(20)} - 2m_{100}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{031}^{(10)} - 2m_{100}^{(20)}m_{001}^{(00)}m_{001}^{(22)}m_{130}^{(11)}\\
&+2m_{100}^{(20)}m_{001}^{(00)}m_{001}^{(22)}m_{040}^{(10)} - 2m_{100}^{(20)}(m_{001}^{(10)})^2m_{130}^{(22)} + 2m_{100}^{(20)}(m_{001}^{(10)})^2m_{121}^{(21)}\\
&-2m_{100}^{(20)}(m_{001}^{(10)})^2m_{031}^{(20)} + 2m_{100}^{(20)}(m_{001}^{(10)})^2m_{022}^{(10)} + 3m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{220}^{(22)}\\
&-2m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{112}^{(10)} - m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{022}^{(00)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{130}^{(21)}\\
&-2m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{121}^{(11)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{040}^{(20)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{031}^{(10)}\\
&-6m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{220}^{(21)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{130}^{(20)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{121}^{(10)}\\
&+2m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{031}^{(00)} + 3m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(22)}m_{220}^{(11)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(22)}m_{130}^{(10)}\\
&-m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(22)}m_{040}^{(00)} - m_{100}^{(20)}(m_{001}^{(11)})^2m_{310}^{(22)} + m_{100}^{(20)}(m_{001}^{(11)})^2m_{112}^{(00)}\\
&-2m_{100}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{130}^{(20)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{121}^{(10)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{310}^{(21)}
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\begin{aligned}
&-2m_{100}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{121}^{(00)} - m_{100}^{(20)}m_{001}^{(11)}m_{001}^{(22)}m_{310}^{(11)} + m_{100}^{(20)}m_{001}^{(11)}m_{001}^{(22)}m_{130}^{(00)}\\
&-4(m_{100}^{(21)})^2m_{010}^{(00)}m_{112}^{(21)} + 2(m_{100}^{(21)})^2m_{010}^{(00)}m_{022}^{(20)} + 2(m_{100}^{(21)})^2m_{010}^{(00)}m_{013}^{(10)}\\
&+2(m_{100}^{(21)})^2m_{010}^{(10)}m_{202}^{(21)} + 2(m_{100}^{(21)})^2m_{010}^{(10)}m_{112}^{(20)} - 2(m_{100}^{(21)})^2m_{010}^{(10)}m_{103}^{(10)}\\
&-2(m_{100}^{(21)})^2m_{010}^{(10)}m_{013}^{(00)} - 2(m_{100}^{(21)})^2m_{010}^{(11)}m_{202}^{(20)} + 2(m_{100}^{(21)})^2m_{010}^{(11)}m_{103}^{(00)}\\
&+2(m_{100}^{(21)})^2m_{010}^{(20)}m_{211}^{(21)} - 2(m_{100}^{(21)})^2m_{010}^{(20)}m_{121}^{(20)} + 2(m_{100}^{(21)})^2m_{010}^{(20)}m_{112}^{(10)}\\
&-2(m_{100}^{(21)})^2m_{010}^{(20)}m_{022}^{(00)} - 2(m_{100}^{(21)})^2m_{010}^{(22)}m_{211}^{(10)} + 2(m_{100}^{(21)})^2m_{010}^{(22)}m_{121}^{(00)}\\
&+4(m_{100}^{(21)})^2m_{001}^{(00)}m_{121}^{(21)} - 2(m_{100}^{(21)})^2m_{001}^{(00)}m_{031}^{(20)} - 2(m_{100}^{(21)})^2m_{001}^{(00)}m_{022}^{(10)}\\
&-2(m_{100}^{(21)})^2m_{001}^{(10)}m_{211}^{(21)} - 2(m_{100}^{(21)})^2m_{001}^{(10)}m_{121}^{(20)} + 2(m_{100}^{(21)})^2m_{001}^{(10)}m_{112}^{(10)}\\
&+2(m_{100}^{(21)})^2m_{001}^{(10)}m_{022}^{(00)} + 2(m_{100}^{(21)})^2m_{001}^{(11)}m_{211}^{(20)} - 2(m_{100}^{(21)})^2m_{001}^{(11)}m_{112}^{(00)}\\
&-2(m_{100}^{(21)})^2m_{001}^{(20)}m_{220}^{(21)} + 2(m_{100}^{(21)})^2m_{001}^{(20)}m_{130}^{(20)} - 2(m_{100}^{(21)})^2m_{001}^{(20)}m_{121}^{(10)}\\
&+2(m_{100}^{(21)})^2m_{001}^{(20)}m_{031}^{(00)} + 2(m_{100}^{(21)})^2m_{001}^{(22)}m_{220}^{(10)} - 2(m_{100}^{(21)})^2m_{001}^{(22)}m_{130}^{(00)}\\
&+2m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{121}^{(21)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{112}^{(11)} - m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{031}^{(20)}\\
&-3m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{022}^{(10)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{211}^{(21)} - m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{202}^{(11)}\\
&+3m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{022}^{(00)} + m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(11)}m_{211}^{(20)} + m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(11)}m_{202}^{(10)}\\
&-2m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(11)}m_{112}^{(00)} - m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{211}^{(11)} + m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{031}^{(00)}\\
&+2m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(21)}m_{211}^{(10)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(21)}m_{121}^{(00)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(00)}m_{130}^{(21)}\\
&-2m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(00)}m_{121}^{(11)} + m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(00)}m_{040}^{(20)} + 3m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(00)}m_{031}^{(10)}\\
&+2m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(10)}m_{220}^{(21)} + m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(10)}m_{211}^{(11)} - 3m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(10)}m_{031}^{(00)}\\
&-m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(11)}m_{220}^{(20)} - m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(11)}m_{211}^{(10)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(11)}m_{121}^{(00)}\\
&+m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(20)}m_{220}^{(11)} - m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(20)}m_{040}^{(00)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(21)}m_{220}^{(10)}\\
&+2m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(21)}m_{130}^{(00)} - m_{100}^{(21)}(m_{010}^{(00)})^2m_{022}^{(22)} + m_{100}^{(21)}(m_{010}^{(00)})^2m_{004}^{(11)}\\
&+2m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(10)}m_{112}^{(22)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(10)}m_{004}^{(10)} - m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(11)}m_{202}^{(22)}\\
&+m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(11)}m_{004}^{(00)} + m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{121}^{(22)} - 3m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{103}^{(11)}\\
&+2m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{022}^{(20)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{202}^{(21)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{112}^{(20)}\\
&-2m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{211}^{(21)} + m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{202}^{(11)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{112}^{(10)}\\
&-m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{022}^{(00)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(00)}m_{031}^{(22)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(00)}m_{013}^{(11)}\\
&-2m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{112}^{(21)} + 2m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{013}^{(10)} - m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(11)}m_{211}^{(22)}\\
&-2m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(11)}m_{202}^{(21)} + 3m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(11)}m_{112}^{(20)} + m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(11)}m_{103}^{(10)}\\
&-m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(11)}m_{013}^{(00)} - m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{130}^{(22)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{121}^{(21)}\\
&+5m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{112}^{(11)} - 2m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{031}^{(20)} + 6m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{211}^{(21)}\\
&-2m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{121}^{(20)} - 4m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{112}^{(10)} - 3m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(22)}m_{211}^{(11)}\\
&+m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(22)}m_{130}^{(20)} + m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(22)}m_{121}^{(10)} + m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(22)}m_{031}^{(00)}\\
&-2m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{211}^{(22)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{202}^{(21)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{112}^{(20)}\\
&+6m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{103}^{(10)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{301}^{(21)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{211}^{(20)}\\
&-4m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{202}^{(10)} - 5m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{121}^{(22)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{112}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{103}^{(11)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{013}^{(10)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(10)}m_{211}^{(22)}\\
&+2m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(10)}m_{202}^{(21)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(10)}m_{112}^{(20)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(10)}m_{103}^{(10)}\\
&+m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(11)}m_{301}^{(22)} - m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(11)}m_{103}^{(00)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{220}^{(22)}
\end{aligned}
$$

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\begin{aligned}
&-2m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{202}^{(11)} + 8m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{121}^{(20)} - 8m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{112}^{(10)}\\
&-4m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{301}^{(21)} - 4m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{211}^{(20)} + 4m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{202}^{(10)}\\
&+4m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{112}^{(00)} + m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(22)}m_{301}^{(11)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(22)}m_{220}^{(20)}\\
&+4m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(22)}m_{211}^{(10)} - 3m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(22)}m_{121}^{(00)} + m_{100}^{(21)}m_{010}^{(11)}m_{010}^{(20)}m_{301}^{(22)}\\
&+2m_{100}^{(21)}m_{010}^{(11)}m_{010}^{(20)}m_{202}^{(20)} - 3m_{100}^{(21)}m_{010}^{(11)}m_{010}^{(20)}m_{103}^{(00)} - 2m_{100}^{(21)}m_{010}^{(11)}m_{010}^{(22)}m_{301}^{(20)}\\
&+2m_{100}^{(21)}m_{010}^{(11)}m_{010}^{(22)}m_{202}^{(00)} + 3m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{211}^{(22)} - m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{112}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{103}^{(10)} - m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{013}^{(00)} - 2m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(10)}m_{301}^{(22)}\\
&+2m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(10)}m_{103}^{(00)} - m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(20)}m_{310}^{(22)} - 4m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(20)}m_{211}^{(20)}\\
&+2m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(20)}m_{202}^{(10)} + 3m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(20)}m_{112}^{(00)} + 4m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(21)}m_{301}^{(20)}\\
&-4m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(21)}m_{202}^{(00)} + m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(22)}m_{310}^{(20)} - m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(22)}m_{301}^{(10)}\\
&+2m_{100}^{(21)}(m_{010}^{(20)})^2m_{211}^{(21)} + 2m_{100}^{(21)}(m_{010}^{(20)})^2m_{202}^{(11)} - 2m_{100}^{(21)}(m_{010}^{(20)})^2m_{121}^{(20)}\\
&-2m_{100}^{(21)}(m_{010}^{(20)})^2m_{112}^{(10)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{301}^{(21)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{211}^{(20)}\\
&-2m_{100}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{202}^{(10)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{112}^{(00)} - m_{100}^{(21)}m_{010}^{(20)}m_{010}^{(22)}m_{301}^{(11)}\\
&+m_{100}^{(21)}m_{010}^{(20)}m_{010}^{(22)}m_{121}^{(00)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{121}^{(21)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{031}^{(20)}\\
&+2m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(11)}m_{301}^{(21)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(11)}m_{211}^{(20)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(20)}m_{220}^{(21)}\\
&-2m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(20)}m_{211}^{(11)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(20)}m_{130}^{(20)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(20)}m_{121}^{(10)}\\
&-2m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(21)}m_{310}^{(21)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(21)}m_{220}^{(20)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(21)}m_{211}^{(10)}\\
&+2m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(21)}m_{121}^{(00)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(22)}m_{310}^{(11)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(22)}m_{130}^{(00)}\\
&+2m_{100}^{(21)}m_{010}^{(21)}m_{010}^{(22)}m_{301}^{(10)} - 2m_{100}^{(21)}m_{010}^{(21)}m_{010}^{(22)}m_{211}^{(00)} - 6m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{211}^{(21)}\\
&+4m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{121}^{(20)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{112}^{(10)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{301}^{(21)}\\
&+2m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{211}^{(20)} - 2m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{202}^{(10)} - 2m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{112}^{(00)}\\
&-2m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(11)}m_{301}^{(20)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(11)}m_{202}^{(00)} + 4m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{310}^{(21)}\\
&-4m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{220}^{(20)} + 4m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{211}^{(10)} - 4m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{121}^{(00)}\\
&-4m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(22)}m_{310}^{(10)} + 4m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(22)}m_{220}^{(00)} + 2m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{220}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{211}^{(11)} - m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{130}^{(20)} - 3m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{121}^{(10)}\\
&+m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{031}^{(00)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(10)}m_{310}^{(21)} + 2m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(10)}m_{211}^{(10)}\\
&+m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(11)}m_{310}^{(20)} - m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(11)}m_{301}^{(10)} - m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(20)}m_{310}^{(11)}\\
&+m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(20)}m_{130}^{(00)} + 2m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(21)}m_{310}^{(10)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(21)}m_{220}^{(00)}\\
&-m_{100}^{(21)}(m_{001}^{(00)})^2m_{040}^{(22)} + m_{100}^{(21)}(m_{001}^{(00)})^2m_{022}^{(11)} + 3m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{130}^{(22)}\\
&-m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{112}^{(11)} - 2m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{022}^{(10)} - m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{220}^{(22)}\\
&+2m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{211}^{(21)} - 2m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{121}^{(20)} + m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{022}^{(00)}\\
&-2m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{121}^{(11)} + 2m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{040}^{(20)} - 2m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{220}^{(21)}\\
&+2m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{121}^{(10)} + m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(22)}m_{220}^{(11)} - m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(22)}m_{040}^{(00)}\\
&-2m_{100}^{(21)}(m_{001}^{(10)})^2m_{220}^{(22)} - 2m_{100}^{(21)}(m_{001}^{(10)})^2m_{211}^{(21)} + 2m_{100}^{(21)}(m_{001}^{(10)})^2m_{121}^{(20)}\\
&+2m_{100}^{(21)}(m_{001}^{(10)})^2m_{112}^{(10)} + m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{310}^{(22)} - m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{112}^{(00)}\\
&+2m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{220}^{(21)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{211}^{(11)} - 6m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{130}^{(20)}\\
&+2m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{121}^{(10)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{310}^{(21)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{220}^{(20)}\\
&-2m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{211}^{(10)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{121}^{(00)} - m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(22)}m_{310}^{(11)}
\end{aligned}
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\begin{aligned}
&-2m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(22)}m_{220}^{(10)}+3m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(22)}m_{130}^{(00)}-2m_{100}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{310}^{(21)}\\
&+4m_{100}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{220}^{(20)}-2m_{100}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{211}^{(10)}-2m_{100}^{(21)}m_{001}^{(11)}m_{001}^{(21)}m_{310}^{(20)}\\
&+2m_{100}^{(21)}m_{001}^{(11)}m_{001}^{(21)}m_{211}^{(00)}+2m_{100}^{(21)}m_{001}^{(11)}m_{001}^{(22)}m_{310}^{(10)}-2m_{100}^{(21)}m_{001}^{(11)}m_{001}^{(22)}m_{220}^{(00)}\\
&-(m_{100}^{(22)})^2m_{010}^{(00)}m_{121}^{(11)}+(m_{100}^{(22)})^2m_{010}^{(00)}m_{031}^{(10)}+(m_{100}^{(22)})^2m_{010}^{(10)}m_{211}^{(11)}\\
&-(m_{100}^{(22)})^2m_{010}^{(10)}m_{031}^{(00)}-(m_{100}^{(22)})^2m_{010}^{(11)}m_{211}^{(10)}+(m_{100}^{(22)})^2m_{010}^{(11)}m_{121}^{(00)}\\
&+(m_{100}^{(22)})^2m_{001}^{(00)}m_{130}^{(11)}-(m_{100}^{(22)})^2m_{001}^{(00)}m_{040}^{(10)}-(m_{100}^{(22)})^2m_{001}^{(10)}m_{220}^{(11)}\\
&+(m_{100}^{(22)})^2m_{001}^{(10)}m_{040}^{(00)}+(m_{100}^{(22)})^2m_{001}^{(11)}m_{220}^{(10)}-(m_{100}^{(22)})^2m_{001}^{(11)}m_{130}^{(00)}\\
&+m_{100}^{(22)}(m_{010}^{(00)})^2m_{022}^{(21)}-m_{100}^{(22)}(m_{010}^{(00)})^2m_{013}^{(11)}-2m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{112}^{(21)}\\
&+m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{103}^{(11)}-m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{022}^{(20)}+2m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{013}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{202}^{(21)}-m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{013}^{(00)}-m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{121}^{(21)}\\
&+2m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{112}^{(11)}-m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{022}^{(10)}-2m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{202}^{(11)}\\
&+m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{121}^{(20)}+m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{022}^{(00)}+m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(22)}m_{211}^{(11)}\\
&-m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(22)}m_{121}^{(10)}-2m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(00)}m_{031}^{(21)}+2m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(00)}m_{022}^{(11)}\\
&-m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{130}^{(22)}+3m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{121}^{(21)}-m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{112}^{(11)}\\
&+m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{031}^{(20)}-2m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{022}^{(10)}+m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{220}^{(22)}\\
&-m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{211}^{(21)}+m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{202}^{(11)}-m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{121}^{(20)}\\
&-m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{112}^{(10)}+m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{022}^{(00)}+2m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{130}^{(21)}\\
&-3m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{121}^{(11)}+m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{031}^{(10)}-2m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{220}^{(21)}\\
&+3m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{121}^{(10)}-m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{031}^{(00)}+m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(22)}m_{220}^{(11)}\\
&-m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(22)}m_{130}^{(10)}+2m_{100}^{(22)}(m_{010}^{(10)})^2m_{112}^{(20)}-2m_{100}^{(22)}(m_{010}^{(10)})^2m_{103}^{(10)}\\
&-m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(11)}m_{202}^{(20)}+m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(11)}m_{103}^{(00)}+2m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{211}^{(21)}\\
&-2m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{112}^{(10)}-2m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{211}^{(20)}+4m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{202}^{(10)}\\
&-2m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{112}^{(00)}-m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{301}^{(11)}+m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{121}^{(00)}\\
&+m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{130}^{(22)}+2m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{121}^{(21)}-2m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{112}^{(11)}\\
&+m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{031}^{(20)}-2m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{022}^{(10)}-2m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{211}^{(21)}\\
&-4m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{121}^{(20)}+6m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{112}^{(10)}-m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{310}^{(22)}\\
&+3m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{211}^{(20)}-2m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{202}^{(10)}-2m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{220}^{(21)}\\
&+2m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{211}^{(11)}-2m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{130}^{(20)}+2m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{121}^{(10)}\\
&+2m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{310}^{(21)}+m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{301}^{(11)}+2m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{220}^{(20)}\\
&-4m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{211}^{(10)}-m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{121}^{(00)}-m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(22)}m_{310}^{(11)}\\
&+m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(22)}m_{130}^{(00)}-m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{301}^{(21)}-m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{202}^{(10)}\\
&+2m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{112}^{(00)}+m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(21)}m_{301}^{(20)}-m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(21)}m_{202}^{(00)}\\
&+m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(22)}m_{301}^{(10)}-m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(22)}m_{211}^{(00)}-m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{220}^{(22)}\\
&-m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{211}^{(21)}+m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{112}^{(10)}+m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{022}^{(00)}\\
&+m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{310}^{(22)}+m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{301}^{(21)}+m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{211}^{(20)}\\
&-3m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{112}^{(00)}-m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(11)}m_{301}^{(20)}+m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(11)}m_{202}^{(00)}\\
&+2m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{220}^{(20)}-m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{211}^{(10)}-m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{121}^{(00)}\\
&-2m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(21)}m_{310}^{(20)}-m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(21)}m_{301}^{(10)}+3m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(21)}m_{211}^{(00)}
\end{aligned}
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$$+m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(22)}m_{310}^{(10)} - m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(22)}m_{220}^{(00)} - 2m_{100}^{(22)}(m_{010}^{(20)})^2m_{211}^{(11)}$$
$$+2m_{100}^{(22)}(m_{010}^{(20)})^2m_{121}^{(10)} + 2m_{100}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{301}^{(11)} - 2m_{100}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{121}^{(00)}$$
$$-m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(00)}m_{130}^{(21)} + m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(00)}m_{031}^{(10)} + 2m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{130}^{(20)}$$
$$-2m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{121}^{(10)} + m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{310}^{(21)} - m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{301}^{(11)}$$
$$-2m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{220}^{(20)} + 3m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{211}^{(10)} - m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{121}^{(00)}$$
$$+2m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(20)}m_{220}^{(11)} - 2m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(20)}m_{130}^{(10)} - m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(21)}m_{310}^{(11)}$$
$$+m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(21)}m_{130}^{(00)} - 2m_{100}^{(22)}(m_{010}^{(21)})^2m_{301}^{(10)} + 2m_{100}^{(22)}(m_{010}^{(21)})^2m_{211}^{(00)}$$
$$+2m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{220}^{(21)} + 2m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{211}^{(11)} - m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{130}^{(20)}$$
$$-2m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{121}^{(10)} - m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{031}^{(00)} - 2m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{310}^{(21)}$$
$$-m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{301}^{(11)} - 2m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{211}^{(10)} + 5m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{121}^{(00)}$$
$$+m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(11)}m_{310}^{(20)} + 2m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(11)}m_{301}^{(10)} - 3m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(11)}m_{211}^{(00)}$$
$$-m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(20)}m_{310}^{(11)} + m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(20)}m_{130}^{(00)} + 2m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(21)}m_{310}^{(10)}$$
$$-2m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(21)}m_{220}^{(00)} - 2m_{100}^{(22)}m_{010}^{(22)}m_{001}^{(00)}m_{220}^{(11)} + 2m_{100}^{(22)}m_{010}^{(22)}m_{001}^{(00)}m_{130}^{(10)}$$
$$+2m_{100}^{(22)}m_{010}^{(22)}m_{001}^{(10)}m_{310}^{(11)} - 2m_{100}^{(22)}m_{010}^{(22)}m_{001}^{(10)}m_{130}^{(00)} - 2m_{100}^{(22)}m_{010}^{(22)}m_{001}^{(11)}m_{310}^{(10)}$$
$$+2m_{100}^{(22)}m_{010}^{(22)}m_{001}^{(11)}m_{220}^{(00)} + m_{100}^{(22)}(m_{001}^{(00)})^2m_{040}^{(21)} - m_{100}^{(22)}(m_{001}^{(00)})^2m_{031}^{(11)}$$
$$-3m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{130}^{(21)} + 2m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{121}^{(11)} - m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{040}^{(20)}$$
$$+2m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{031}^{(10)} + m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{220}^{(21)} - m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{211}^{(11)}$$
$$+m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{130}^{(20)} - m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{031}^{(00)} + m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(20)}m_{130}^{(11)}$$
$$-m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(20)}m_{040}^{(10)} - m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(21)}m_{130}^{(10)} + m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(21)}m_{040}^{(00)}$$
$$+2m_{100}^{(22)}(m_{001}^{(10)})^2m_{220}^{(21)} + 2m_{100}^{(22)}(m_{001}^{(10)})^2m_{130}^{(20)} - 4m_{100}^{(22)}(m_{001}^{(10)})^2m_{121}^{(10)}$$
$$-m_{100}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{310}^{(21)} - 3m_{100}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{220}^{(20)} + 2m_{100}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{211}^{(10)}$$
$$+2m_{100}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{121}^{(00)} - 2m_{100}^{(22)}m_{001}^{(10)}m_{001}^{(20)}m_{220}^{(11)} + 2m_{100}^{(22)}m_{001}^{(10)}m_{001}^{(20)}m_{130}^{(10)}$$
$$+2m_{100}^{(22)}m_{001}^{(10)}m_{001}^{(21)}m_{220}^{(10)} - 2m_{100}^{(22)}m_{001}^{(10)}m_{001}^{(21)}m_{130}^{(00)} + m_{100}^{(22)}(m_{001}^{(11)})^2m_{310}^{(20)}$$
$$-m_{100}^{(22)}(m_{001}^{(11)})^2m_{211}^{(00)} + m_{100}^{(22)}m_{001}^{(11)}m_{001}^{(20)}m_{310}^{(11)} - m_{100}^{(22)}m_{001}^{(11)}m_{001}^{(20)}m_{220}^{(10)}$$
$$-m_{100}^{(22)}m_{001}^{(11)}m_{001}^{(21)}m_{310}^{(10)} + m_{100}^{(22)}m_{001}^{(11)}m_{001}^{(21)}m_{220}^{(00)} - (m_{010}^{(00)})^2m_{001}^{(11)}m_{112}^{(22)}$$
$$+(m_{010}^{(00)})^2m_{001}^{(11)}m_{103}^{(21)} + (m_{010}^{(00)})^2m_{001}^{(21)}m_{121}^{(22)} - (m_{010}^{(00)})^2m_{001}^{(21)}m_{103}^{(11)}$$
$$-(m_{010}^{(00)})^2m_{001}^{(22)}m_{121}^{(21)} + (m_{010}^{(00)})^2m_{001}^{(22)}m_{112}^{(11)} + 2m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{112}^{(22)}$$
$$-2m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{103}^{(21)} + m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{202}^{(22)} - m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{103}^{(20)}$$
$$-m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{121}^{(22)} + m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{103}^{(11)} - 2m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{211}^{(22)}$$
$$+2m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{103}^{(10)} + 2m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{211}^{(21)} - m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{202}^{(11)}$$
$$+m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{121}^{(20)} - 2m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{112}^{(10)} + m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{112}^{(22)}$$
$$-m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{103}^{(21)} - 2m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{202}^{(22)} + 2m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{103}^{(20)}$$
$$+2m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{202}^{(21)} - 2m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{112}^{(20)} + m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{301}^{(22)}$$
$$-m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{103}^{(00)} - m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(22)}m_{301}^{(21)} + m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(22)}m_{112}^{(00)}$$
$$-m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{121}^{(22)} + m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{103}^{(11)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{211}^{(22)}$$
$$-3m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{202}^{(21)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{112}^{(20)} - m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{103}^{(10)}$$
$$+2m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(20)}m_{121}^{(21)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(20)}m_{112}^{(11)} - m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{220}^{(22)}$$
$$+3m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{202}^{(11)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{121}^{(20)} + m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{220}^{(21)}$$

$$
\begin{aligned}
&-2m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{211}^{(11)} + m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{121}^{(10)} - m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{121}^{(22)}\\
&+m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{103}^{(11)} + 4m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{202}^{(21)} - 2m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{112}^{(20)}\\
&-2m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{103}^{(10)} - m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{202}^{(20)} + m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{103}^{(00)}\\
&+m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{220}^{(22)} - 2m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{211}^{(21)} - 3m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{202}^{(11)}\\
&+2m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{121}^{(20)} + 2m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{112}^{(10)} - 2m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(21)}m_{301}^{(21)}\\
&+2m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(21)}m_{211}^{(20)} + 2m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{301}^{(11)} - m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{220}^{(20)}\\
&-m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{121}^{(00)} + m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(00)}m_{121}^{(21)} - m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(00)}m_{112}^{(11)}\\
&+m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{220}^{(22)} - 2m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{211}^{(21)} - m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{202}^{(11)}\\
&+2m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{112}^{(10)} - m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(11)}m_{310}^{(22)} + m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(11)}m_{301}^{(21)}\\
&+m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(11)}m_{202}^{(10)} - m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(11)}m_{112}^{(00)} - 2m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{220}^{(21)}\\
&+4m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{211}^{(11)} - 2m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{121}^{(10)} + 2m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(21)}m_{310}^{(21)}\\
&-m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(21)}m_{301}^{(11)} - 2m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(21)}m_{211}^{(10)} + m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(21)}m_{121}^{(00)}\\
&-m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(22)}m_{310}^{(11)} + m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(22)}m_{220}^{(10)} + m_{010}^{(00)}m_{001}^{(00)}m_{001}^{(11)}m_{121}^{(22)}\\
&-m_{010}^{(00)}m_{001}^{(00)}m_{001}^{(11)}m_{112}^{(21)} - m_{010}^{(00)}m_{001}^{(00)}m_{001}^{(21)}m_{130}^{(22)} + m_{010}^{(00)}m_{001}^{(00)}m_{001}^{(21)}m_{112}^{(11)}\\
&+m_{010}^{(00)}m_{001}^{(00)}m_{001}^{(22)}m_{130}^{(21)} - m_{010}^{(00)}m_{001}^{(00)}m_{001}^{(22)}m_{121}^{(11)} - 2m_{010}^{(00)}(m_{001}^{(10)})^2m_{121}^{(22)}\\
&+2m_{010}^{(00)}(m_{001}^{(10)})^2m_{112}^{(21)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{211}^{(22)} - m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{202}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{112}^{(20)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{130}^{(22)} - 2m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{112}^{(11)}\\
&-2m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{211}^{(21)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{121}^{(20)} - m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{220}^{(21)}\\
&+2m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{211}^{(11)} - m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{130}^{(20)} - m_{010}^{(00)}(m_{001}^{(11)})^2m_{301}^{(22)}\\
&+m_{010}^{(00)}(m_{001}^{(11)})^2m_{202}^{(20)} - 2m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{001}^{(22)}m_{220}^{(11)} + m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{202}^{(11)}\\
&+m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{112}^{(10)} + m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{310}^{(22)} + 2m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{301}^{(21)}\\
&-2m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{211}^{(20)} - m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{202}^{(10)} - m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{301}^{(11)}\\
&+m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{220}^{(20)} - 2m_{010}^{(00)}(m_{001}^{(20)})^2m_{130}^{(21)} + 2m_{010}^{(00)}(m_{001}^{(20)})^2m_{121}^{(11)}\\
&+4m_{010}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{220}^{(21)} - 2m_{010}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{211}^{(11)} - 2m_{010}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{121}^{(10)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{001}^{(22)}m_{220}^{(11)} + m_{010}^{(00)}m_{001}^{(20)}m_{001}^{(22)}m_{130}^{(10)} - 2m_{010}^{(00)}(m_{001}^{(21)})^2m_{310}^{(21)}\\
&+2m_{010}^{(00)}(m_{001}^{(21)})^2m_{211}^{(10)} + m_{010}^{(00)}m_{001}^{(21)}m_{001}^{(22)}m_{310}^{(11)} - m_{010}^{(00)}m_{001}^{(21)}m_{001}^{(22)}m_{220}^{(10)}\\
&-2(m_{010}^{(10)})^2m_{001}^{(00)}m_{112}^{(22)} + 2(m_{010}^{(10)})^2m_{001}^{(00)}m_{103}^{(21)} + 2(m_{010}^{(10)})^2m_{001}^{(20)}m_{211}^{(22)}\\
&-2(m_{010}^{(10)})^2m_{001}^{(20)}m_{202}^{(21)} + 2(m_{010}^{(10)})^2m_{001}^{(20)}m_{112}^{(20)} - 2(m_{010}^{(10)})^2m_{001}^{(20)}m_{103}^{(10)}\\
&-2(m_{010}^{(10)})^2m_{001}^{(22)}m_{211}^{(20)} + 2(m_{010}^{(10)})^2m_{001}^{(22)}m_{202}^{(10)} + m_{010}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{202}^{(22)}\\
&-m_{010}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{103}^{(20)} - m_{010}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{301}^{(22)} + m_{010}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{103}^{(00)}\\
&+m_{010}^{(10)}m_{010}^{(11)}m_{001}^{(22)}m_{301}^{(20)} - m_{010}^{(10)}m_{010}^{(11)}m_{001}^{(22)}m_{202}^{(00)} + 2m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{121}^{(22)}\\
&-2m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{103}^{(11)} - 2m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{211}^{(22)} + 2m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{202}^{(21)}\\
&-2m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{112}^{(20)} + 2m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{103}^{(10)} - 2m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{301}^{(22)}\\
&+2m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{202}^{(20)} - 2m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{211}^{(21)} + 2m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{202}^{(11)}\\
&-2m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{121}^{(20)} + 2m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{112}^{(10)} + 2m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{310}^{(22)}\\
&+2m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{301}^{(21)} + 2m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{211}^{(20)} - 6m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{202}^{(10)}\\
&-2m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{310}^{(21)} + 2m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{211}^{(10)} + 2m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(22)}m_{211}\\
&-4m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{202}^{(21)} + 2m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{112}^{(20)} - 2m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{310}^{(22)}
\end{aligned}
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\begin{aligned}
&+4m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{301}^{(21)} - 4m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{211}^{(20)} + 4m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{202}^{(10)}\\
&-2m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{112}^{(00)} + 2m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{310}^{(20)} - 4m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{301}^{(10)}\\
&+2m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{211}^{(00)} - m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{220}^{(22)} + 2m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{202}^{(11)}\\
&-m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{121}^{(20)} + 2m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{211}^{(20)} - 2m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{202}^{(10)}\\
&+m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(11)}m_{400}^{(22)} - m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(11)}m_{301}^{(20)} + 2m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{310}^{(21)}\\
&-3m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{301}^{(11)} + 2m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{220}^{(20)} - 2m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{211}^{(10)}\\
&+m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{121}^{(00)} - 2m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{400}^{(21)} - 2m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{310}^{(20)}\\
&+4m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{301}^{(10)} + m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(22)}m_{400}^{(11)} - m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(22)}m_{220}^{(00)}\\
&+2m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(10)}m_{121}^{(22)} - 2m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(10)}m_{112}^{(21)} - 4m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{211}^{(22)}\\
&+2m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{202}^{(21)} + 2m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{112}^{(20)} - m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(20)}m_{130}^{(22)}\\
&+m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(20)}m_{112}^{(11)} + 3m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{220}^{(22)} + 2m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{211}^{(21)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{202}^{(11)} - 2m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{121}^{(20)} - 2m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{112}^{(10)}\\
&-2m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{220}^{(21)} + 2m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{121}^{(10)} + 2m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(11)}m_{301}^{(22)}\\
&-2m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(11)}m_{202}^{(20)} - 2m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{220}^{(22)} + 2m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{211}^{(21)}\\
&-2m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{121}^{(20)} + 2m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{112}^{(10)} - 2m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{310}^{(22)}\\
&-2m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{301}^{(21)} + 2m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{211}^{(20)} + 2m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{202}^{(10)}\\
&+2m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{310}^{(21)} + 2m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{220}^{(20)} - 4m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{211}^{(10)}\\
&+3m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{310}^{(22)} - 2m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{301}^{(21)} + 2m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{211}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{202}^{(10)} - m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{112}^{(00)} - m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{400}^{(22)}\\
&+m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{202}^{(00)} - 2m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{310}^{(20)} + 2m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{301}^{(10)}\\
&+2m_{010}^{(10)}(m_{001}^{(20)})^2m_{220}^{(21)} - 2m_{010}^{(10)}(m_{001}^{(20)})^2m_{211}^{(11)} + 2m_{010}^{(10)}(m_{001}^{(20)})^2m_{130}^{(20)}\\
&-2m_{010}^{(10)}(m_{001}^{(20)})^2m_{121}^{(10)} - 4m_{010}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{310}^{(21)} + 2m_{010}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{301}^{(11)}\\
&-4m_{010}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{220}^{(20)} + 4m_{010}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{211}^{(10)} + 2m_{010}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{121}^{(00)}\\
&+m_{010}^{(10)}m_{001}^{(20)}m_{001}^{(22)}m_{310}^{(11)} - m_{010}^{(10)}m_{001}^{(20)}m_{001}^{(22)}m_{130}^{(00)} + 2m_{010}^{(10)}(m_{001}^{(21)})^2m_{400}^{(21)}\\
&+2m_{010}^{(10)}(m_{001}^{(21)})^2m_{310}^{(20)} - 2m_{010}^{(10)}(m_{001}^{(21)})^2m_{301}^{(10)} - 2m_{010}^{(10)}(m_{001}^{(21)})^2m_{211}^{(00)}\\
&-m_{010}^{(10)}m_{001}^{(21)}m_{001}^{(22)}m_{400}^{(11)} + m_{010}^{(10)}m_{001}^{(21)}m_{001}^{(22)}m_{220}^{(00)} - 2m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(22)}\\
&+m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{202}^{(21)} + m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{103}^{(10)} + 3m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{301}^{(22)}\\
&-2m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{202}^{(20)} - m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{103}^{(00)} - 2m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{301}^{(21)}\\
&+4m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{211}^{(20)} - 2m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{202}^{(10)} - m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{400}^{(22)}\\
&-2m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{301}^{(20)} + 3m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{202}^{(00)} + m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{400}^{(21)}\\
&+m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{301}^{(10)} - 2m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{211}^{(00)} - m_{010}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(22)}\\
&+m_{010}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{202}^{(20)} + m_{010}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{400}^{(22)} - m_{010}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{202}^{(00)}\\
&-m_{010}^{(11)}m_{010}^{(21)}m_{001}^{(22)}m_{400}^{(20)} + m_{010}^{(11)}m_{010}^{(21)}m_{001}^{(22)}m_{301}^{(00)} + m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{310}^{(22)}\\
&-m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{202}^{(10)} - m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(10)}m_{400}^{(22)} + m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(10)}m_{202}^{(00)}\\
&-2m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{310}^{(20)} + 2m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{301}^{(10)} + 2m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(21)}m_{400}^{(20)}\\
&-2m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(21)}m_{301}^{(00)} - m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(22)}m_{400}^{(10)} + m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(22)}m_{310}^{(00)}\\
&-m_{010}^{(11)}(m_{001}^{(00)})^2m_{121}^{(22)} + m_{010}^{(11)}(m_{001}^{(00)})^2m_{112}^{(21)} + 2m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{211}^{(22)}\\
&-m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{202}^{(21)} - m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{112}^{(20)} + m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{301}^{(22)}
\end{aligned}
$$

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\begin{aligned}
&-m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{202}^{(20)}+m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{220}^{(22)}-2m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{211}^{(21)}\\
&+2m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{121}^{(20)}-m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{112}^{(10)}-2m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{310}^{(22)}\\
&+m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{202}^{(10)}+m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{112}^{(00)}+m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{310}^{(21)}\\
&-m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{121}^{(00)}-2m_{010}^{(11)}(m_{001}^{(10)})^2m_{301}^{(22)}+2m_{010}^{(11)}(m_{001}^{(10)})^2m_{202}^{(20)}\\
&+2m_{010}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{301}^{(21)}-2m_{010}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{211}^{(20)}+2m_{010}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{400}^{(22)}\\
&-2m_{010}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{202}^{(00)}-m_{010}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{400}^{(21)}-m_{010}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{310}^{(20)}\\
&+2m_{010}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{211}^{(00)}-m_{010}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{400}^{(22)}+m_{010}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{202}^{(00)}\\
&+m_{010}^{(11)}m_{001}^{(11)}m_{001}^{(22)}m_{400}^{(20)}-m_{010}^{(11)}m_{001}^{(11)}m_{001}^{(22)}m_{301}^{(00)}-2m_{010}^{(11)}(m_{001}^{(20)})^2m_{220}^{(20)}\\
&+2m_{010}^{(11)}(m_{001}^{(20)})^2m_{211}^{(10)}+4m_{010}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{310}^{(20)}-2m_{010}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{301}^{(10)}\\
&-2m_{010}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{211}^{(00)}-m_{010}^{(11)}m_{001}^{(20)}m_{001}^{(22)}m_{310}^{(10)}+m_{010}^{(11)}m_{001}^{(20)}m_{001}^{(22)}m_{220}^{(00)}\\
&-2m_{010}^{(11)}(m_{001}^{(21)})^2m_{400}^{(20)}+2m_{010}^{(11)}(m_{001}^{(21)})^2m_{301}^{(00)}+m_{010}^{(11)}m_{001}^{(21)}m_{001}^{(22)}m_{400}^{(10)}\\
&-m_{010}^{(11)}m_{001}^{(21)}m_{001}^{(22)}m_{310}^{(00)}-2(m_{010}^{(20)})^2m_{001}^{(00)}m_{001}^{(21)}+2(m_{010}^{(20)})^2m_{001}^{(00)}m_{001}^{(11)}\\
&+2(m_{010}^{(20)})^2m_{001}^{(10)}m_{001}^{(21)}-2(m_{010}^{(20)})^2m_{001}^{(10)}m_{001}^{(11)}+2(m_{010}^{(20)})^2m_{001}^{(10)}m_{001}^{(20)}\\
&-2(m_{010}^{(20)})^2m_{001}^{(10)}m_{001}^{(10)}+2(m_{010}^{(20)})^2m_{001}^{(11)}m_{001}^{(21)}-4(m_{010}^{(20)})^2m_{001}^{(11)}m_{001}^{(20)}\\
&+2(m_{010}^{(20)})^2m_{001}^{(11)}m_{001}^{(10)}-2(m_{010}^{(20)})^2m_{001}^{(21)}m_{001}^{(21)}-2(m_{010}^{(20)})^2m_{001}^{(21)}m_{001}^{(11)}\\
&+2(m_{010}^{(20)})^2m_{001}^{(21)}m_{001}^{(20)}+2(m_{010}^{(20)})^2m_{001}^{(21)}m_{001}^{(10)}+2(m_{010}^{(20)})^2m_{001}^{(22)}m_{001}^{(11)}\\
&-2(m_{010}^{(20)})^2m_{001}^{(22)}m_{001}^{(10)}+2m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(21)}-2m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(10)}\\
&-6m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(21)}+2m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(20)}+2m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(10)}\\
&+2m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(00)}+2m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{001}^{(20)}-2m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{001}^{(00)}\\
&+2m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{001}^{(21)}+2m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{001}^{(11)}-2m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{001}^{(20)}\\
&-2m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{001}^{(10)}+2m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(21)}m_{001}^{(21)}-2m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(21)}m_{001}^{(20)}\\
&+2m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(21)}m_{001}^{(10)}-2m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(21)}m_{001}^{(00)}-2m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(22)}m_{001}^{(11)}\\
&+2m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(22)}m_{001}^{(00)}+m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(21)}-2m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(11)}\\
&+m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(10)}+3m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{001}^{(11)}-2m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{001}^{(20)}\\
&-m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{001}^{(00)}-m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(11)}m_{001}^{(21)}+2m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(11)}m_{001}^{(20)}\\
&-3m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(11)}m_{001}^{(10)}+2m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(11)}m_{001}^{(00)}-2m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(20)}m_{001}^{(11)}\\
&+2m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(20)}m_{001}^{(10)}+m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(21)}m_{001}^{(11)}-m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(21)}m_{001}^{(00)}\\
&-m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(22)}+m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(11)}+m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(22)}\\
&+2m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(21)}-m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(11)}-2m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(20)}\\
&+2m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(20)}m_{001}^{(21)}-2m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(20)}m_{001}^{(11)}-4m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{001}^{(21)}\\
&+2m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{001}^{(20)}+2m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{001}^{(10)}+2m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(22)}m_{001}^{(11)}\\
&-2m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(22)}m_{001}^{(10)}+2m_{010}^{(20)}(m_{001}^{(10)})^2m_{001}^{(22)}-2m_{010}^{(20)}(m_{001}^{(10)})^2m_{001}^{(21)}\\
&+2m_{010}^{(20)}(m_{001}^{(10)})^2m_{001}^{(20)}-2m_{010}^{(20)}(m_{001}^{(10)})^2m_{001}^{(10)}-3m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(22)}\\
&+2m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(10)}+m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(00)}-2m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{001}^{(21)}\\
&+2m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{001}^{(11)}-2m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{001}^{(20)}+2m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{001}^{(10)}\\
&+6m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{001}^{(21)}-2m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{001}^{(20)}-2m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{001}^{(10)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{001}^{(00)}-3m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(22)}m_{001}^{(11)}+2m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(22)}m_{001}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(22)}m_{001}^{(00)}+m_{010}^{(20)}(m_{001}^{(11)})^2m_{001}^{(22)}-m_{010}^{(20)}(m_{001}^{(11)})^2m_{001}^{(00)}
\end{aligned}
$$

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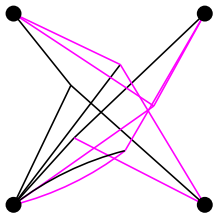
\begin{aligned}
&+2m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{220}^{(20)} - 2m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{211}^{(10)} - 2m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{400}^{(21)}\\
&+2m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{211}^{(00)} + m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(22)}m_{400}^{(11)} - m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(22)}m_{220}^{(00)}\\
&+2(m_{010}^{(21)})^2m_{001}^{(00)}m_{301}^{(21)} - 2(m_{010}^{(21)})^2m_{001}^{(00)}m_{211}^{(20)} - 2(m_{010}^{(21)})^2m_{001}^{(20)}m_{400}^{(21)}\\
&+2(m_{010}^{(21)})^2m_{001}^{(20)}m_{310}^{(20)} - 2(m_{010}^{(21)})^2m_{001}^{(20)}m_{301}^{(10)} + 2(m_{010}^{(21)})^2m_{001}^{(20)}m_{211}^{(00)}\\
&+2(m_{010}^{(21)})^2m_{001}^{(22)}m_{400}^{(10)} - 2(m_{010}^{(21)})^2m_{001}^{(22)}m_{310}^{(00)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{310}^{(21)}\\
&-m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{301}^{(11)} + m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{220}^{(20)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{211}^{(10)}\\
&+2m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(10)}m_{400}^{(21)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(10)}m_{211}^{(00)} - m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(11)}m_{400}^{(20)}\\
&+m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(11)}m_{301}^{(00)} + m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(20)}m_{400}^{(11)} - m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(20)}m_{220}^{(00)}\\
&-2m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(21)}m_{400}^{(10)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(21)}m_{310}^{(00)} + m_{010}^{(21)}(m_{001}^{(00)})^2m_{130}^{(22)}\\
&-m_{010}^{(21)}(m_{001}^{(00)})^2m_{112}^{(11)} - 3m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{220}^{(22)} + m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{202}^{(11)}\\
&+2m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{112}^{(10)} + m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{310}^{(22)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{301}^{(21)}\\
&+2m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{211}^{(20)} - m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{112}^{(00)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{211}^{(11)}\\
&-2m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{130}^{(20)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{310}^{(21)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{211}^{(10)}\\
&-m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(22)}m_{310}^{(11)} + m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(22)}m_{130}^{(00)} + 2m_{010}^{(21)}(m_{001}^{(10)})^2m_{310}^{(22)}\\
&+2m_{010}^{(21)}(m_{001}^{(10)})^2m_{301}^{(21)} - 2m_{010}^{(21)}(m_{001}^{(10)})^2m_{211}^{(20)} - 2m_{010}^{(21)}(m_{001}^{(10)})^2m_{202}^{(10)}\\
&-m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{400}^{(22)} + m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{202}^{(00)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{310}^{(21)}\\
&-2m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{301}^{(11)} + 6m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{220}^{(20)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{211}^{(10)}\\
&-2m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{400}^{(21)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{310}^{(20)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{301}^{(10)}\\
&+2m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{211}^{(00)} + m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(22)}m_{400}^{(11)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(22)}m_{310}^{(10)}\\
&-3m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(22)}m_{220}^{(00)} + 2m_{010}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{400}^{(21)} - 4m_{010}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{310}^{(20)}\\
&+2m_{010}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{301}^{(10)} + 2m_{010}^{(21)}m_{001}^{(11)}m_{001}^{(21)}m_{400}^{(20)} - 2m_{010}^{(21)}m_{001}^{(11)}m_{001}^{(21)}m_{301}^{(00)}\\
&-2m_{010}^{(21)}m_{001}^{(11)}m_{001}^{(22)}m_{400}^{(10)} + 2m_{010}^{(21)}m_{001}^{(11)}m_{001}^{(22)}m_{310}^{(00)} + (m_{010}^{(22)})^2m_{001}^{(00)}m_{310}^{(11)}\\
&-(m_{010}^{(22)})^2m_{001}^{(00)}m_{220}^{(10)} - (m_{010}^{(22)})^2m_{001}^{(10)}m_{400}^{(11)} + (m_{010}^{(22)})^2m_{001}^{(10)}m_{220}^{(00)}\\
&+(m_{010}^{(22)})^2m_{001}^{(11)}m_{400}^{(10)} - (m_{010}^{(22)})^2m_{001}^{(11)}m_{310}^{(00)} - m_{010}^{(22)}(m_{001}^{(00)})^2m_{130}^{(21)}\\
&+m_{010}^{(22)}(m_{001}^{(00)})^2m_{121}^{(11)} + 3m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{220}^{(21)} - 2m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{211}^{(11)}\\
&+m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{130}^{(20)} - 2m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{121}^{(10)} - m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{310}^{(21)}\\
&+m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{301}^{(11)} - m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{220}^{(20)} + m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{121}^{(00)}\\
&-m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(20)}m_{220}^{(11)} + m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(20)}m_{130}^{(10)} + m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(21)}m_{220}^{(10)}\\
&-m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(21)}m_{130}^{(00)} - 2m_{010}^{(22)}(m_{001}^{(10)})^2m_{310}^{(21)} - 2m_{010}^{(22)}(m_{001}^{(10)})^2m_{220}^{(20)}\\
&+4m_{010}^{(22)}(m_{001}^{(10)})^2m_{211}^{(10)} + m_{010}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{400}^{(21)} + 3m_{010}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{310}^{(20)}\\
&-2m_{010}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{301}^{(10)} - 2m_{010}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{211}^{(00)} + 2m_{010}^{(22)}m_{001}^{(10)}m_{001}^{(20)}m_{310}^{(11)}\\
&-2m_{010}^{(22)}m_{001}^{(10)}m_{001}^{(20)}m_{220}^{(10)} - 2m_{010}^{(22)}m_{001}^{(10)}m_{001}^{(21)}m_{310}^{(10)} + 2m_{010}^{(22)}m_{001}^{(10)}m_{001}^{(21)}m_{220}^{(00)}\\
&-m_{010}^{(22)}(m_{001}^{(11)})^2m_{400}^{(20)} + m_{010}^{(22)}(m_{001}^{(11)})^2m_{301}^{(00)} - m_{010}^{(22)}m_{001}^{(11)}m_{001}^{(20)}m_{400}^{(11)}\\
&+m_{010}^{(22)}m_{001}^{(11)}m_{001}^{(20)}m_{310}^{(10)} + m_{010}^{(22)}m_{001}^{(11)}m_{001}^{(21)}m_{400}^{(10)} - m_{010}^{(22)}m_{001}^{(11)}m_{001}^{(21)}m_{310}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{ccccc}
V1 & V1 & 1 & 1 & 1\\
1 & V2 & V2 & 2 & 3\\
V3 & V3 & V4 & 4 & V4
\end{array}
$$



$$
\begin{aligned}
T_{157} \;=\;& m_{100}^{(00)} m_{100}^{(10)} m_{010}^{(11)} m_{013}^{(22)} - m_{100}^{(00)} m_{100}^{(10)} m_{010}^{(11)} m_{004}^{(21)} - m_{100}^{(00)} m_{100}^{(10)} m_{010}^{(21)} m_{022}^{(22)} \\
&+ m_{100}^{(00)} m_{100}^{(10)} m_{010}^{(21)} m_{004}^{(11)} + m_{100}^{(00)} m_{100}^{(10)} m_{010}^{(22)} m_{022}^{(21)} - m_{100}^{(00)} m_{100}^{(10)} m_{010}^{(22)} m_{013}^{(11)} \\
&- m_{100}^{(00)} m_{100}^{(10)} m_{001}^{(11)} m_{022}^{(22)} + m_{100}^{(00)} m_{100}^{(10)} m_{001}^{(11)} m_{013}^{(21)} + m_{100}^{(00)} m_{100}^{(10)} m_{001}^{(21)} m_{031}^{(22)} \\
&- m_{100}^{(00)} m_{100}^{(10)} m_{001}^{(21)} m_{013}^{(11)} - m_{100}^{(00)} m_{100}^{(10)} m_{001}^{(22)} m_{031}^{(21)} + m_{100}^{(00)} m_{100}^{(10)} m_{001}^{(22)} m_{022}^{(11)} \\
&- m_{100}^{(00)} (m_{100}^{(11)})^2 m_{013}^{(22)} + m_{100}^{(00)} (m_{100}^{(11)})^2 m_{004}^{(21)} + 3 m_{100}^{(00)} m_{100}^{(11)} m_{100}^{(21)} m_{022}^{(22)} \\
&- 2 m_{100}^{(00)} m_{100}^{(11)} m_{100}^{(21)} m_{013}^{(21)} - m_{100}^{(00)} m_{100}^{(11)} m_{100}^{(21)} m_{004}^{(11)} - m_{100}^{(00)} m_{100}^{(11)} m_{100}^{(22)} m_{031}^{(22)} \\
&+ m_{100}^{(00)} m_{100}^{(11)} m_{100}^{(22)} m_{013}^{(11)} + m_{100}^{(00)} m_{100}^{(11)} m_{010}^{(11)} m_{103}^{(22)} - m_{100}^{(00)} m_{100}^{(11)} m_{010}^{(11)} m_{004}^{(20)} \\
&- 2 m_{100}^{(00)} m_{100}^{(11)} m_{010}^{(21)} m_{112}^{(22)} + 2 m_{100}^{(00)} m_{100}^{(11)} m_{010}^{(21)} m_{013}^{(20)} + m_{100}^{(00)} m_{100}^{(11)} m_{010}^{(22)} m_{121}^{(22)} \\
&- m_{100}^{(00)} m_{100}^{(11)} m_{010}^{(22)} m_{022}^{(20)} + m_{100}^{(00)} m_{100}^{(11)} m_{001}^{(11)} m_{112}^{(22)} - 2 m_{100}^{(00)} m_{100}^{(11)} m_{001}^{(11)} m_{103}^{(21)} \\
&+ m_{100}^{(00)} m_{100}^{(11)} m_{001}^{(11)} m_{013}^{(20)} - m_{100}^{(00)} m_{100}^{(11)} m_{001}^{(21)} m_{121}^{(22)} + 2 m_{100}^{(00)} m_{100}^{(11)} m_{001}^{(21)} m_{112}^{(21)} \\
&+ m_{100}^{(00)} m_{100}^{(11)} m_{001}^{(21)} m_{103}^{(11)} - 2 m_{100}^{(00)} m_{100}^{(11)} m_{001}^{(21)} m_{022}^{(20)} - m_{100}^{(00)} m_{100}^{(11)} m_{001}^{(22)} m_{112}^{(11)} \\
&+ m_{100}^{(00)} m_{100}^{(11)} m_{001}^{(22)} m_{031}^{(20)} - m_{100}^{(00)} m_{100}^{(20)} m_{010}^{(11)} m_{022}^{(22)} + m_{100}^{(00)} m_{100}^{(20)} m_{010}^{(11)} m_{013}^{(21)} \\
&+ m_{100}^{(00)} m_{100}^{(20)} m_{010}^{(21)} m_{031}^{(22)} - m_{100}^{(00)} m_{100}^{(20)} m_{010}^{(21)} m_{013}^{(11)} - m_{100}^{(00)} m_{100}^{(20)} m_{010}^{(22)} m_{031}^{(21)} \\
&+ m_{100}^{(00)} m_{100}^{(20)} m_{010}^{(22)} m_{022}^{(11)} + m_{100}^{(00)} m_{100}^{(20)} m_{001}^{(11)} m_{031}^{(22)} - m_{100}^{(00)} m_{100}^{(20)} m_{001}^{(11)} m_{022}^{(21)} \\
&- m_{100}^{(00)} m_{100}^{(20)} m_{001}^{(21)} m_{040}^{(22)} + m_{100}^{(00)} m_{100}^{(20)} m_{001}^{(21)} m_{022}^{(11)} + m_{100}^{(00)} m_{100}^{(20)} m_{001}^{(22)} m_{040}^{(21)} \\
&- m_{100}^{(00)} m_{100}^{(20)} m_{001}^{(22)} m_{031}^{(11)} - 2 m_{100}^{(00)} (m_{100}^{(21)})^2 m_{031}^{(22)} + 2 m_{100}^{(00)} (m_{100}^{(21)})^2 m_{013}^{(11)} \\
&+ m_{100}^{(00)} m_{100}^{(21)} m_{100}^{(22)} m_{040}^{(22)} + 2 m_{100}^{(00)} m_{100}^{(21)} m_{100}^{(22)} m_{031}^{(21)} - 3 m_{100}^{(00)} m_{100}^{(21)} m_{100}^{(22)} m_{022}^{(11)} \\
&- 2 m_{100}^{(00)} m_{100}^{(21)} m_{010}^{(11)} m_{112}^{(22)} + m_{100}^{(00)} m_{100}^{(21)} m_{010}^{(11)} m_{013}^{(20)} + m_{100}^{(00)} m_{100}^{(21)} m_{010}^{(11)} m_{004}^{(10)} \\
&+ 3 m_{100}^{(00)} m_{100}^{(21)} m_{010}^{(21)} m_{121}^{(22)} + 2 m_{100}^{(00)} m_{100}^{(21)} m_{010}^{(21)} m_{112}^{(21)} - m_{100}^{(00)} m_{100}^{(21)} m_{010}^{(21)} m_{103}^{(11)} \\
&- 2 m_{100}^{(00)} m_{100}^{(21)} m_{010}^{(21)} m_{022}^{(20)} - 2 m_{100}^{(00)} m_{100}^{(21)} m_{010}^{(21)} m_{013}^{(10)} - m_{100}^{(00)} m_{100}^{(21)} m_{010}^{(22)} m_{130}^{(22)} \\
&- 2 m_{100}^{(00)} m_{100}^{(21)} m_{010}^{(22)} m_{121}^{(21)} + m_{100}^{(00)} m_{100}^{(21)} m_{010}^{(22)} m_{112}^{(11)} + m_{100}^{(00)} m_{100}^{(21)} m_{010}^{(22)} m_{031}^{(20)} \\
&+ m_{100}^{(00)} m_{100}^{(21)} m_{010}^{(22)} m_{022}^{(10)} - m_{100}^{(00)} m_{100}^{(21)} m_{001}^{(11)} m_{121}^{(22)} + 2 m_{100}^{(00)} m_{100}^{(21)} m_{001}^{(11)} m_{112}^{(21)} \\
&+ m_{100}^{(00)} m_{100}^{(21)} m_{001}^{(11)} m_{103}^{(11)} - m_{100}^{(00)} m_{100}^{(21)} m_{001}^{(11)} m_{022}^{(20)} - m_{100}^{(00)} m_{100}^{(21)} m_{001}^{(11)} m_{013}^{(10)} \\
&+ m_{100}^{(00)} m_{100}^{(21)} m_{001}^{(21)} m_{130}^{(22)} - 2 m_{100}^{(00)} m_{100}^{(21)} m_{001}^{(21)} m_{121}^{(21)} - 3 m_{100}^{(00)} m_{100}^{(21)} m_{001}^{(21)} m_{112}^{(11)} \\
&+ 2 m_{100}^{(00)} m_{100}^{(21)} m_{001}^{(21)} m_{031}^{(20)} + 2 m_{100}^{(00)} m_{100}^{(21)} m_{001}^{(21)} m_{022}^{(10)} + 2 m_{100}^{(00)} m_{100}^{(21)} m_{001}^{(22)} m_{121}^{(11)} \\
&- m_{100}^{(00)} m_{100}^{(21)} m_{001}^{(22)} m_{040}^{(20)} - m_{100}^{(00)} m_{100}^{(21)} m_{001}^{(22)} m_{031}^{(10)} - m_{100}^{(00)} (m_{100}^{(22)})^2 m_{040}^{(21)} \\
&+ m_{100}^{(00)} (m_{100}^{(22)})^2 m_{031}^{(11)} + m_{100}^{(00)} m_{100}^{(22)} m_{010}^{(11)} m_{121}^{(22)} - m_{100}^{(00)} m_{100}^{(22)} m_{010}^{(11)} m_{013}^{(10)} \\
&- m_{100}^{(00)} m_{100}^{(22)} m_{010}^{(21)} m_{130}^{(22)} - 2 m_{100}^{(00)} m_{100}^{(22)} m_{010}^{(21)} m_{121}^{(21)} + m_{100}^{(00)} m_{100}^{(22)} m_{010}^{(21)} m_{112}^{(11)}
\end{aligned}
$$

$$+2m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{022}^{(10)}+2m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(22)}m_{130}^{(21)}-m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(22)}m_{121}^{(11)}$$
$$-m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(22)}m_{031}^{(10)}-m_{100}^{(00)}m_{100}^{(22)}m_{001}^{(11)}m_{112}^{(11)}+m_{100}^{(00)}m_{100}^{(22)}m_{001}^{(11)}m_{022}^{(10)}$$
$$+2m_{100}^{(00)}m_{100}^{(22)}m_{001}^{(21)}m_{121}^{(11)}-2m_{100}^{(00)}m_{100}^{(22)}m_{001}^{(21)}m_{031}^{(10)}-m_{100}^{(00)}m_{100}^{(22)}m_{001}^{(22)}m_{130}^{(11)}$$
$$+m_{100}^{(00)}m_{100}^{(22)}m_{001}^{(22)}m_{040}^{(10)}-m_{100}^{(00)}m_{010}^{(00)}m_{010}^{(11)}m_{013}^{(22)}+m_{100}^{(00)}m_{010}^{(00)}m_{010}^{(11)}m_{004}^{(21)}$$
$$+m_{100}^{(00)}m_{010}^{(00)}m_{010}^{(21)}m_{022}^{(22)}-m_{100}^{(00)}m_{010}^{(00)}m_{010}^{(21)}m_{004}^{(11)}-m_{100}^{(00)}m_{010}^{(00)}m_{010}^{(22)}m_{022}^{(21)}$$
$$+m_{100}^{(00)}m_{010}^{(00)}m_{010}^{(22)}m_{013}^{(11)}+m_{100}^{(00)}m_{010}^{(00)}m_{001}^{(11)}m_{022}^{(22)}-m_{100}^{(00)}m_{010}^{(00)}m_{001}^{(11)}m_{013}^{(21)}$$
$$-m_{100}^{(00)}m_{010}^{(00)}m_{001}^{(21)}m_{031}^{(22)}+m_{100}^{(00)}m_{010}^{(00)}m_{001}^{(21)}m_{013}^{(11)}+m_{100}^{(00)}m_{010}^{(00)}m_{001}^{(22)}m_{031}^{(21)}$$
$$-m_{100}^{(00)}m_{010}^{(00)}m_{001}^{(22)}m_{022}^{(11)}+m_{100}^{(00)}(m_{010}^{(10)})^2m_{013}^{(22)}-m_{100}^{(00)}(m_{010}^{(10)})^2m_{004}^{(21)}$$
$$-m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(11)}m_{103}^{(22)}+m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(11)}m_{004}^{(20)}-m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{022}^{(22)}$$
$$+m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{004}^{(11)}+2m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{103}^{(21)}-2m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{013}^{(20)}$$
$$-m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{103}^{(11)}+m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{022}^{(20)}-2m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{022}^{(22)}$$
$$+2m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{013}^{(21)}+m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{112}^{(22)}-m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{013}^{(20)}$$
$$+m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{031}^{(22)}-m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{013}^{(11)}-2m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{112}^{(21)}$$
$$+2m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{022}^{(20)}+m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{112}^{(11)}-m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{031}^{(20)}$$
$$+2m_{100}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{112}^{(22)}-m_{100}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{103}^{(21)}-m_{100}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{004}^{(10)}$$
$$+m_{100}^{(00)}m_{010}^{(11)}m_{010}^{(21)}m_{202}^{(22)}-m_{100}^{(00)}m_{010}^{(11)}m_{010}^{(21)}m_{103}^{(20)}-m_{100}^{(00)}m_{010}^{(11)}m_{010}^{(22)}m_{211}^{(22)}$$
$$+m_{100}^{(00)}m_{010}^{(11)}m_{010}^{(22)}m_{103}^{(10)}+m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{022}^{(22)}-m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{013}^{(21)}$$
$$+m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{103}^{(21)}-m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{013}^{(20)}-m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(11)}m_{202}^{(22)}$$
$$+m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(11)}m_{103}^{(20)}-m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{121}^{(22)}+m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{013}^{(10)}$$
$$+m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{211}^{(22)}-m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{103}^{(10)}+m_{100}^{(00)}(m_{010}^{(20)})^2m_{022}^{(21)}$$
$$-m_{100}^{(00)}(m_{010}^{(20)})^2m_{013}^{(11)}-m_{100}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{121}^{(22)}-2m_{100}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{112}^{(21)}$$
$$+m_{100}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{103}^{(11)}+2m_{100}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{013}^{(10)}+m_{100}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{121}^{(21)}$$
$$-m_{100}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{022}^{(10)}+m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{031}^{(22)}-m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{013}^{(11)}$$
$$-2m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{121}^{(22)}+m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{112}^{(21)}+m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{013}^{(10)}$$
$$-2m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(20)}m_{031}^{(21)}+2m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(20)}m_{022}^{(11)}+m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{130}^{(22)}$$
$$+2m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{121}^{(21)}-m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{112}^{(11)}-2m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{022}^{(10)}$$
$$-m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{130}^{(21)}+m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{031}^{(10)}-m_{100}^{(00)}(m_{010}^{(21)})^2m_{211}^{(22)}$$
$$-m_{100}^{(00)}(m_{010}^{(21)})^2m_{202}^{(21)}+2m_{100}^{(00)}(m_{010}^{(21)})^2m_{112}^{(20)}+m_{100}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{220}^{(22)}$$
$$+2m_{100}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{211}^{(21)}-m_{100}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{121}^{(20)}-2m_{100}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{112}^{(10)}$$
$$-m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{031}^{(22)}+m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{013}^{(11)}+m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{121}^{(22)}$$
$$-2m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{112}^{(21)}-m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{103}^{(11)}+2m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{022}^{(20)}$$
$$+m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{211}^{(22)}-m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{112}^{(20)}+2m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{121}^{(21)}$$
$$-2m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{022}^{(10)}+m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(21)}m_{220}^{(22)}+m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(21)}m_{202}^{(11)}$$
$$-2m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(21)}m_{121}^{(20)}+2m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(21)}m_{112}^{(10)}-m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{211}^{(11)}$$
$$+m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{130}^{(20)}-m_{100}^{(00)}(m_{010}^{(22)})^2m_{220}^{(21)}+m_{100}^{(00)}(m_{010}^{(22)})^2m_{121}^{(10)}$$
$$+m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(00)}m_{031}^{(21)}-m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(00)}m_{022}^{(11)}-m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{121}^{(21)}$$
$$+2m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{112}^{(11)}-m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{031}^{(20)}+m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(11)}m_{121}^{(20)}$$
$$-m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(11)}m_{112}^{(10)}-m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{121}^{(11)}+m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{031}^{(10)}$$

$$
\begin{aligned}
&-m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(21)}m_{211}^{(11)}+m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(21)}m_{121}^{(10)}+m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(22)}m_{220}^{(11)}\\
&-m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(22)}m_{130}^{(10)}-m_{100}^{(00)}m_{001}^{(00)}m_{001}^{(11)}m_{031}^{(22)}+m_{100}^{(00)}m_{001}^{(00)}m_{001}^{(11)}m_{022}^{(21)}\\
&+m_{100}^{(00)}m_{001}^{(00)}m_{001}^{(21)}m_{040}^{(22)}-m_{100}^{(00)}m_{001}^{(00)}m_{001}^{(21)}m_{022}^{(11)}-m_{100}^{(00)}m_{001}^{(00)}m_{001}^{(22)}m_{040}^{(21)}\\
&+m_{100}^{(00)}m_{001}^{(00)}m_{001}^{(22)}m_{031}^{(11)}+m_{100}^{(00)}(m_{001}^{(10)})^2m_{031}^{(22)}-m_{100}^{(00)}(m_{001}^{(10)})^2m_{022}^{(21)}\\
&-m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{112}^{(21)}+m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{022}^{(20)}-m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{040}^{(22)}\\
&+m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{022}^{(11)}-m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{130}^{(22)}+2m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{121}^{(21)}\\
&+m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{112}^{(11)}-2m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{031}^{(20)}+m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{130}^{(21)}\\
&-2m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{121}^{(11)}+m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{040}^{(20)}+m_{100}^{(00)}(m_{001}^{(11)})^2m_{202}^{(21)}\\
&-m_{100}^{(00)}(m_{001}^{(11)})^2m_{112}^{(20)}+m_{100}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{130}^{(22)}-m_{100}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{022}^{(10)}\\
&-2m_{100}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{211}^{(21)}-m_{100}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{202}^{(11)}+2m_{100}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{121}^{(20)}\\
&+m_{100}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{112}^{(10)}+m_{100}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{211}^{(11)}-m_{100}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{130}^{(20)}\\
&+m_{100}^{(00)}(m_{001}^{(20)})^2m_{040}^{(21)}-m_{100}^{(00)}(m_{001}^{(20)})^2m_{031}^{(11)}-2m_{100}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{130}^{(21)}\\
&+2m_{100}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{031}^{(10)}+m_{100}^{(00)}m_{001}^{(20)}m_{001}^{(22)}m_{130}^{(11)}-m_{100}^{(00)}m_{001}^{(20)}m_{001}^{(22)}m_{040}^{(10)}\\
&+m_{100}^{(00)}(m_{001}^{(21)})^2m_{220}^{(21)}+m_{100}^{(00)}(m_{001}^{(21)})^2m_{211}^{(11)}-2m_{100}^{(00)}(m_{001}^{(21)})^2m_{121}^{(10)}\\
&-m_{100}^{(00)}m_{001}^{(21)}m_{001}^{(22)}m_{220}^{(11)}+m_{100}^{(00)}m_{001}^{(21)}m_{001}^{(22)}m_{130}^{(10)}+(m_{100}^{(10)})^2m_{100}^{(11)}m_{013}^{(22)}\\
&-(m_{100}^{(10)})^2m_{100}^{(11)}m_{004}^{(21)}-2(m_{100}^{(10)})^2m_{100}^{(21)}m_{022}^{(22)}+2(m_{100}^{(10)})^2m_{100}^{(21)}m_{013}^{(21)}\\
&+(m_{100}^{(10)})^2m_{100}^{(22)}m_{031}^{(22)}-(m_{100}^{(10)})^2m_{100}^{(22)}m_{022}^{(21)}-2(m_{100}^{(10)})^2m_{010}^{(10)}m_{013}^{(22)}\\
&+2(m_{100}^{(10)})^2m_{010}^{(10)}m_{004}^{(21)}-(m_{100}^{(10)})^2m_{010}^{(11)}m_{103}^{(22)}+(m_{100}^{(10)})^2m_{010}^{(11)}m_{004}^{(20)}\\
&+(m_{100}^{(10)})^2m_{010}^{(20)}m_{022}^{(22)}-(m_{100}^{(10)})^2m_{010}^{(20)}m_{004}^{(11)}+3(m_{100}^{(10)})^2m_{010}^{(21)}m_{112}^{(22)}\\
&-(m_{100}^{(10)})^2m_{010}^{(21)}m_{103}^{(21)}-(m_{100}^{(10)})^2m_{010}^{(21)}m_{013}^{(20)}-(m_{100}^{(10)})^2m_{010}^{(21)}m_{004}^{(10)}\\
&-(m_{100}^{(10)})^2m_{010}^{(22)}m_{121}^{(22)}-(m_{100}^{(10)})^2m_{010}^{(22)}m_{112}^{(21)}+(m_{100}^{(10)})^2m_{010}^{(22)}m_{103}^{(11)}\\
&+(m_{100}^{(10)})^2m_{010}^{(22)}m_{013}^{(10)}+2(m_{100}^{(10)})^2m_{001}^{(10)}m_{022}^{(22)}-2(m_{100}^{(10)})^2m_{001}^{(10)}m_{013}^{(21)}\\
&+(m_{100}^{(10)})^2m_{001}^{(11)}m_{103}^{(21)}-(m_{100}^{(10)})^2m_{001}^{(11)}m_{013}^{(20)}-(m_{100}^{(10)})^2m_{001}^{(20)}m_{031}^{(22)}\\
&+(m_{100}^{(10)})^2m_{001}^{(20)}m_{013}^{(11)}-(m_{100}^{(10)})^2m_{001}^{(21)}m_{121}^{(22)}-(m_{100}^{(10)})^2m_{001}^{(21)}m_{112}^{(21)}\\
&+(m_{100}^{(10)})^2m_{001}^{(21)}m_{022}^{(20)}+(m_{100}^{(10)})^2m_{001}^{(21)}m_{013}^{(10)}+2(m_{100}^{(10)})^2m_{001}^{(22)}m_{121}^{(21)}\\
&-(m_{100}^{(10)})^2m_{001}^{(22)}m_{112}^{(11)}-(m_{100}^{(10)})^2m_{001}^{(22)}m_{022}^{(10)}-m_{100}^{(10)}m_{100}^{(11)}m_{100}^{(20)}m_{022}^{(22)}\\
&+m_{100}^{(10)}m_{100}^{(11)}m_{100}^{(20)}m_{004}^{(11)}-m_{100}^{(10)}m_{100}^{(11)}m_{100}^{(21)}m_{112}^{(22)}+m_{100}^{(10)}m_{100}^{(11)}m_{100}^{(21)}m_{103}^{(21)}\\
&-m_{100}^{(10)}m_{100}^{(11)}m_{100}^{(21)}m_{013}^{(20)}+m_{100}^{(10)}m_{100}^{(11)}m_{100}^{(21)}m_{004}^{(10)}+m_{100}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{112}^{(21)}\\
&-m_{100}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{103}^{(11)}+m_{100}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{022}^{(20)}-m_{100}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{013}^{(10)}\\
&+m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(00)}m_{013}^{(22)}-m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(00)}m_{004}^{(21)}-m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(20)}m_{112}^{(22)}\\
&+m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(20)}m_{103}^{(21)}-m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(20)}m_{013}^{(20)}+m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(20)}m_{004}^{(10)}\\
&+m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(22)}m_{112}^{(20)}-m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(22)}m_{103}^{(10)}-m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(00)}m_{022}^{(22)}\\
&+m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(00)}m_{013}^{(21)}-2m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(10)}m_{112}^{(22)}+2m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(10)}m_{103}^{(21)}\\
&+2m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{121}^{(22)}-m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{112}^{(21)}-m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{103}^{(11)}\\
&+m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{022}^{(20)}-m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{013}^{(10)}+m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(21)}m_{211}^{(22)}\\
&-m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(21)}m_{202}^{(21)}+m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(21)}m_{112}^{(20)}-m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(21)}m_{103}^{(10)}\\
&-m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{211}^{(21)}+m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{202}^{(11)}-2m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{121}^{(20)}\\
&+2m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{112}^{(10)}+2m_{100}^{(10)}m_{100}^{(20)}m_{100}^{(21)}m_{031}^{(22)}-2m_{100}^{(10)}m_{100}^{(20)}m_{100}^{(21)}m_{013}^{(11)}
\end{aligned}
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\begin{aligned}
&-m_{100}^{(10)}m_{100}^{(20)}m_{100}^{(22)}m_{040}^{(22)}+m_{100}^{(10)}m_{100}^{(20)}m_{100}^{(22)}m_{022}^{(11)}+3m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(10)}m_{022}^{(22)}\\
&-2m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(10)}m_{013}^{(21)}-m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(10)}m_{004}^{(11)}+2m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(11)}m_{103}^{(21)}\\
&-2m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(11)}m_{013}^{(20)}-m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(20)}m_{031}^{(22)}-2m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(20)}m_{022}^{(21)}\\
&+3m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(20)}m_{013}^{(11)}-3m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{121}^{(22)}-m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{103}^{(11)}\\
&+2m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{022}^{(20)}+2m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{013}^{(10)}+m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{130}^{(22)}\\
&+2m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{121}^{(21)}-m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{112}^{(11)}-2m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{022}^{(10)}\\
&-3m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(10)}m_{031}^{(22)}+2m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(10)}m_{022}^{(21)}+m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(10)}m_{013}^{(11)}\\
&+m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{121}^{(22)}-2m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{112}^{(21)}-m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{103}^{(11)}\\
&+2m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{022}^{(20)}+m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(20)}m_{040}^{(22)}+2m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(20)}m_{031}^{(21)}\\
&-3m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(20)}m_{022}^{(11)}+m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{130}^{(22)}+3m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{112}^{(11)}\\
&-2m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{031}^{(20)}-2m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{022}^{(10)}-2m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{130}^{(21)}\\
&+2m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{031}^{(10)}+2m_{100}^{(10)}(m_{100}^{(21)})^2m_{121}^{(22)}-2m_{100}^{(10)}(m_{100}^{(21)})^2m_{112}^{(21)}\\
&+2m_{100}^{(10)}(m_{100}^{(21)})^2m_{022}^{(20)}-2m_{100}^{(10)}(m_{100}^{(21)})^2m_{013}^{(10)}-m_{100}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{130}^{(22)}\\
&-m_{100}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{121}^{(21)}+2m_{100}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{112}^{(11)}-3m_{100}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{031}^{(20)}\\
&+3m_{100}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{022}^{(10)}-m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(00)}m_{022}^{(22)}+m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(00)}m_{004}^{(11)}\\
&+3m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{112}^{(22)}-3m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{103}^{(21)}+m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{013}^{(20)}\\
&-m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{004}^{(10)}+m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(11)}m_{202}^{(22)}-m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(11)}m_{004}^{(00)}\\
&-m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{121}^{(22)}+m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{112}^{(21)}+m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{022}^{(20)}\\
&-m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{013}^{(10)}-3m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(21)}m_{211}^{(22)}+m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(21)}m_{202}^{(21)}\\
&-3m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(21)}m_{112}^{(20)}+3m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(21)}m_{103}^{(10)}+2m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(21)}m_{013}^{(00)}\\
&+m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{220}^{(22)}+m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{211}^{(21)}-m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{202}^{(11)}\\
&+m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{121}^{(20)}-m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{112}^{(10)}-m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{022}^{(00)}\\
&+m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(00)}m_{031}^{(22)}-m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(00)}m_{013}^{(11)}+m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{121}^{(22)}\\
&-m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{112}^{(21)}-m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{022}^{(20)}+m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{013}^{(10)}\\
&-m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{202}^{(21)}+m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{112}^{(20)}-m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{103}^{(10)}\\
&+m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{013}^{(00)}-m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{130}^{(22)}-m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{121}^{(21)}\\
&+2m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{112}^{(11)}-m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{031}^{(20)}+m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{022}^{(10)}\\
&-m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{220}^{(22)}+3m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{211}^{(21)}-m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{121}^{(20)}\\
&+m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{112}^{(10)}-2m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{022}^{(00)}-m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{211}^{(11)}\\
&+2m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{130}^{(20)}-2m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{121}^{(10)}+m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{031}^{(00)}\\
&+m_{100}^{(10)}(m_{100}^{(22)})^2m_{130}^{(21)}-m_{100}^{(10)}(m_{100}^{(22)})^2m_{121}^{(11)}+m_{100}^{(10)}(m_{100}^{(22)})^2m_{040}^{(20)}\\
&-m_{100}^{(10)}(m_{100}^{(22)})^2m_{031}^{(10)}+m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(00)}m_{022}^{(21)}-m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(00)}m_{013}^{(11)}\\
&-2m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{121}^{(22)}+m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{112}^{(21)}+m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{103}^{(11)}\\
&-m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{022}^{(20)}+m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{013}^{(10)}-m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{202}^{(21)}\\
&+m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{013}^{(00)}+m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{130}^{(22)}-m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{112}^{(11)}\\
&+m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{220}^{(22)}+m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{211}^{(21)}+3m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{121}^{(20)}\\
&-3m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{112}^{(10)}-2m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{022}^{(00)}-2m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(22)}m_{220}^{(21)}\\
&+m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(22)}m_{211}^{(11)}-2m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(22)}m_{130}^{(20)}+2m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(22)}m_{121}^{(10)}
\end{aligned}
$$

$$+m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(22)}m_{031}^{(00)} - m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(00)}m_{031}^{(21)} + m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(00)}m_{022}^{(11)}$$
$$+m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{121}^{(21)} - m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{112}^{(11)} + m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{031}^{(20)}$$
$$-m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{022}^{(10)} + m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{202}^{(11)} - m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{121}^{(20)}$$
$$+m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{112}^{(10)} - m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{022}^{(00)} - 2m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{211}^{(11)}$$
$$+2m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{031}^{(00)} + m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(22)}m_{220}^{(11)} - m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(22)}m_{040}^{(00)}$$
$$-m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(11)}m_{112}^{(22)} + m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(11)}m_{103}^{(21)} + m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{121}^{(22)}$$
$$-m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{103}^{(11)} - m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{121}^{(21)} + m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{112}^{(11)}$$
$$+2m_{100}^{(10)}(m_{010}^{(10)})^2m_{103}^{(22)} - 2m_{100}^{(10)}(m_{010}^{(10)})^2m_{004}^{(20)} - 3m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{112}^{(22)}$$
$$-m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{103}^{(21)} + 3m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{013}^{(20)} + m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{004}^{(10)}$$
$$-3m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(21)}m_{202}^{(22)} + 2m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(21)}m_{103}^{(20)} + m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(21)}m_{004}^{(00)}$$
$$+2m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{211}^{(22)} + m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{202}^{(21)} - m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{112}^{(20)}$$
$$-m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{103}^{(10)} - m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{013}^{(00)} - 4m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(10)}m_{103}^{(21)}$$
$$+4m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(10)}m_{013}^{(20)} + 3m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{112}^{(21)} + m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{103}^{(11)}$$
$$-3m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{022}^{(20)} - m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{013}^{(10)} + 3m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(21)}m_{202}^{(21)}$$
$$-3m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(21)}m_{112}^{(20)} + m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(21)}m_{103}^{(10)} - m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(21)}m_{013}^{(00)}$$
$$-2m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{211}^{(21)} - m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{202}^{(11)} + 2m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{121}^{(20)}$$
$$+m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{022}^{(00)} - m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{112}^{(22)} + m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{103}^{(21)}$$
$$+2m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(10)}m_{202}^{(22)} - 2m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(10)}m_{103}^{(20)} - 2m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{202}^{(21)}$$
$$+2m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{112}^{(20)} - m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(21)}m_{301}^{(22)} + m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(21)}m_{103}^{(00)}$$
$$+m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(22)}m_{301}^{(21)} - m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(22)}m_{112}^{(00)} + m_{100}^{(10)}(m_{010}^{(20)})^2m_{121}^{(22)}$$
$$+m_{100}^{(10)}(m_{010}^{(20)})^2m_{112}^{(21)} - m_{100}^{(10)}(m_{010}^{(20)})^2m_{022}^{(20)} - m_{100}^{(10)}(m_{010}^{(20)})^2m_{013}^{(10)}$$
$$+2m_{100}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{211}^{(22)} + m_{100}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{202}^{(21)} - m_{100}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{112}^{(20)}$$
$$-m_{100}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{103}^{(10)} - m_{100}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{013}^{(00)} - m_{100}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{220}^{(22)}$$
$$-2m_{100}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{211}^{(21)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{112}^{(10)} + m_{100}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{022}^{(00)}$$
$$+m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{121}^{(22)} + m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{112}^{(21)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{103}^{(11)}$$
$$-3m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{022}^{(20)} - m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{013}^{(10)} + m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{211}^{(22)}$$
$$-m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{202}^{(21)} + m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{112}^{(20)} - m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{103}^{(10)}$$
$$-m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{130}^{(22)} - 3m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{112}^{(11)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{031}^{(20)}$$
$$+2m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{022}^{(10)} - m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{220}^{(22)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{211}^{(21)}$$
$$+2m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{112}^{(10)} + m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{022}^{(00)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{220}^{(21)}$$
$$+m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{211}^{(11)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{121}^{(10)} - m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{031}^{(00)}$$
$$+m_{100}^{(10)}(m_{010}^{(21)})^2m_{301}^{(22)} - m_{100}^{(10)}(m_{010}^{(21)})^2m_{103}^{(00)} - m_{100}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{310}^{(22)}$$
$$-m_{100}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{301}^{(21)} - m_{100}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{211}^{(20)} + m_{100}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{202}^{(10)}$$
$$+2m_{100}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{112}^{(00)} + m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{121}^{(22)} - m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{103}^{(11)}$$
$$-3m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{211}^{(22)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{202}^{(21)} + 2m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{103}^{(10)}$$
$$-m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{013}^{(00)} + m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{220}^{(22)} - m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{211}^{(21)}$$
$$+m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{202}^{(11)} - m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{121}^{(20)} - m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{112}^{(10)}$$
$$+m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{022}^{(00)} + m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(21)}m_{310}^{(22)} - m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(21)}m_{301}^{(21)}$$

$$
\begin{aligned}
&+3m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(21)}m_{211}^{(20)} - 3m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(21)}m_{202}^{(10)} - 2m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{220}^{(20)}\\
&+2m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{211}^{(10)} + m_{100}^{(10)}(m_{010}^{(22)})^2m_{310}^{(21)} + m_{100}^{(10)}(m_{010}^{(22)})^2m_{220}^{(20)}\\
&-m_{100}^{(10)}(m_{010}^{(22)})^2m_{211}^{(10)} - m_{100}^{(10)}(m_{010}^{(22)})^2m_{121}^{(00)} - m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{121}^{(21)}\\
&+m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{112}^{(11)} + m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{211}^{(21)} - 2m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{202}^{(11)}\\
&+m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{121}^{(20)} - m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{112}^{(10)} + m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{022}^{(00)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(11)}m_{211}^{(20)} + m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(11)}m_{202}^{(10)} + m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{211}^{(11)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{031}^{(00)} + m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{301}^{(11)} - m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{121}^{(00)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(22)}m_{310}^{(11)} + m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(22)}m_{130}^{(00)} + 2m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{121}^{(22)}\\
&-2m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{112}^{(21)} - 2m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{130}^{(22)} + 2m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{112}^{(11)}\\
&+2m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{130}^{(21)} - 2m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{121}^{(11)} - 2m_{100}^{(10)}(m_{001}^{(10)})^2m_{121}^{(22)}\\
&+4m_{100}^{(10)}(m_{001}^{(10)})^2m_{112}^{(21)} - 2m_{100}^{(10)}(m_{001}^{(10)})^2m_{022}^{(20)} - 2m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(11)}m_{202}^{(21)}\\
&+2m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(11)}m_{112}^{(20)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{130}^{(22)} - 3m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{121}^{(21)}\\
&-3m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{112}^{(11)} + 3m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{031}^{(20)} + m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{022}^{(10)}\\
&+2m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{220}^{(22)} - m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{211}^{(21)} + m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{121}^{(20)}\\
&-3m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{112}^{(10)} + m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{022}^{(00)} - 2m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{220}^{(21)}\\
&+3m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{211}^{(11)} - 2m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{130}^{(20)} + 2m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{121}^{(10)}\\
&-m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{031}^{(00)} - 2m_{100}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{220}^{(22)} + 3m_{100}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{211}^{(21)}\\
&+m_{100}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{202}^{(11)} - 3m_{100}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{121}^{(20)} + m_{100}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{112}^{(10)}\\
&+m_{100}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{301}^{(21)} - m_{100}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{211}^{(20)} + m_{100}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{202}^{(10)}\\
&-m_{100}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{112}^{(00)} - m_{100}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{301}^{(11)} + 2m_{100}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{220}^{(20)}\\
&-2m_{100}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{211}^{(10)} + m_{100}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{121}^{(00)} - m_{100}^{(10)}(m_{001}^{(20)})^2m_{130}^{(21)}\\
&+3m_{100}^{(10)}(m_{001}^{(20)})^2m_{121}^{(11)} - m_{100}^{(10)}(m_{001}^{(20)})^2m_{040}^{(20)} - m_{100}^{(10)}(m_{001}^{(20)})^2m_{031}^{(10)}\\
&+2m_{100}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{220}^{(21)} - 3m_{100}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{211}^{(11)} + 2m_{100}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{130}^{(20)}\\
&-m_{100}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{031}^{(00)} - m_{100}^{(10)}m_{001}^{(20)}m_{001}^{(22)}m_{220}^{(11)} + m_{100}^{(10)}m_{001}^{(20)}m_{001}^{(22)}m_{040}^{(00)}\\
&-m_{100}^{(10)}(m_{001}^{(21)})^2m_{310}^{(21)} - m_{100}^{(10)}(m_{001}^{(21)})^2m_{220}^{(20)} + m_{100}^{(10)}(m_{001}^{(21)})^2m_{211}^{(10)}\\
&+m_{100}^{(10)}(m_{001}^{(21)})^2m_{121}^{(00)} + m_{100}^{(10)}m_{001}^{(21)}m_{001}^{(22)}m_{310}^{(11)} - m_{100}^{(10)}m_{001}^{(21)}m_{001}^{(22)}m_{130}^{(00)}\\
&+(m_{100}^{(11)})^2m_{100}^{(20)}m_{112}^{(22)} - (m_{100}^{(11)})^2m_{100}^{(20)}m_{103}^{(21)} + (m_{100}^{(11)})^2m_{100}^{(20)}m_{013}^{(20)}\\
&-(m_{100}^{(11)})^2m_{100}^{(20)}m_{004}^{(10)} - (m_{100}^{(11)})^2m_{100}^{(22)}m_{112}^{(20)} + (m_{100}^{(11)})^2m_{100}^{(22)}m_{103}^{(10)}\\
&+(m_{100}^{(11)})^2m_{001}^{(00)}m_{112}^{(22)} - (m_{100}^{(11)})^2m_{001}^{(00)}m_{103}^{(21)} - (m_{100}^{(11)})^2m_{001}^{(20)}m_{211}^{(22)}\\
&+(m_{100}^{(11)})^2m_{001}^{(20)}m_{202}^{(21)} - (m_{100}^{(11)})^2m_{001}^{(20)}m_{112}^{(20)} + (m_{100}^{(11)})^2m_{001}^{(20)}m_{103}^{(10)}\\
&+(m_{100}^{(11)})^2m_{001}^{(22)}m_{211}^{(20)} - (m_{100}^{(11)})^2m_{001}^{(22)}m_{202}^{(10)} + m_{100}^{(11)}(m_{100}^{(20)})^2m_{022}^{(21)}\\
&-m_{100}^{(11)}(m_{100}^{(20)})^2m_{013}^{(11)} - 2m_{100}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{121}^{(22)} + m_{100}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{112}^{(21)}\\
&+m_{100}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{103}^{(11)} - 3m_{100}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{022}^{(20)} + 3m_{100}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{013}^{(10)}\\
&+m_{100}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{130}^{(22)} - m_{100}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{121}^{(21)} + m_{100}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{031}^{(20)}\\
&-m_{100}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{022}^{(10)} - m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(00)}m_{022}^{(22)} + m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(00)}m_{013}^{(21)}\\
&-m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(11)}m_{202}^{(22)} + m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(11)}m_{004}^{(00)} + m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{121}^{(22)}\\
&-m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{112}^{(21)} + m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{022}^{(20)} - m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{013}^{(10)}\\
&+2m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{211}^{(22)} - 2m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{013}^{(00)} - m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{220}^{(22)}
\end{aligned}
$$

$$-m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{121}^{(20)}+m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{112}^{(10)}+m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{022}^{(00)}$$
$$+m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(00)}m_{031}^{(22)}-m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(00)}m_{022}^{(21)}+m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{121}^{(22)}$$
$$-m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{103}^{(11)}-m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{211}^{(22)}+2m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{202}^{(21)}$$
$$-2m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{112}^{(20)}+2m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{103}^{(10)}-m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{013}^{(00)}$$
$$-m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(20)}m_{130}^{(22)}-m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(20)}m_{121}^{(21)}+2m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(20)}m_{112}^{(11)}$$
$$-m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(20)}m_{031}^{(20)}+m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(20)}m_{022}^{(10)}-m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{211}^{(21)}$$
$$-m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{202}^{(11)}+3m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{121}^{(20)}-3m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{112}^{(10)}$$
$$+2m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{022}^{(00)}+m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{220}^{(21)}-m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{031}^{(00)}$$
$$+m_{100}^{(11)}(m_{100}^{(21)})^2m_{112}^{(20)}-m_{100}^{(11)}(m_{100}^{(21)})^2m_{103}^{(10)}+2m_{100}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{121}^{(20)}$$
$$-2m_{100}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{112}^{(10)}-m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(00)}m_{112}^{(22)}+m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(00)}m_{103}^{(21)}$$
$$+m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{211}^{(22)}-m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{202}^{(21)}+m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{112}^{(20)}$$
$$-m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{103}^{(10)}-m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(22)}m_{211}^{(20)}+m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(22)}m_{202}^{(10)}$$
$$-2m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{121}^{(22)}+m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{112}^{(21)}+m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{103}^{(11)}$$
$$+m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{211}^{(22)}-m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{202}^{(21)}+m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{112}^{(20)}$$
$$-m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{103}^{(10)}+m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{220}^{(22)}-m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{202}^{(11)}$$
$$+2m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{121}^{(20)}-2m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{112}^{(10)}-2m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(21)}m_{211}^{(20)}$$
$$+2m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(21)}m_{202}^{(10)}-m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{220}^{(20)}+m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{211}^{(10)}$$
$$-m_{100}^{(11)}(m_{100}^{(22)})^2m_{130}^{(20)}+m_{100}^{(11)}(m_{100}^{(22)})^2m_{121}^{(10)}+m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{121}^{(22)}$$
$$-m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{112}^{(21)}+m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(11)}m_{202}^{(20)}-m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(11)}m_{103}^{(00)}$$
$$-m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{220}^{(22)}+m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{211}^{(21)}-m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{121}^{(20)}$$
$$+m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{112}^{(10)}-2m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{211}^{(20)}+2m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{112}^{(00)}$$
$$+2m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(22)}m_{220}^{(20)}-m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(22)}m_{211}^{(10)}-m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(22)}m_{121}^{(00)}$$
$$+m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(00)}m_{121}^{(21)}-m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(00)}m_{112}^{(11)}-m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(10)}m_{211}^{(21)}$$
$$+m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(10)}m_{202}^{(11)}-m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(10)}m_{121}^{(20)}+m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(10)}m_{112}^{(10)}$$
$$+m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(11)}m_{211}^{(20)}-2m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(11)}m_{202}^{(10)}+m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(11)}m_{112}^{(00)}$$
$$+2m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(21)}m_{211}^{(10)}-2m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(21)}m_{121}^{(00)}-m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(22)}m_{220}^{(10)}$$
$$+m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(22)}m_{130}^{(00)}-m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(10)}m_{103}^{(22)}+m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(10)}m_{004}^{(20)}$$
$$+m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(20)}m_{112}^{(22)}-m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(20)}m_{013}^{(20)}+m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(21)}m_{202}^{(22)}$$
$$-m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(21)}m_{103}^{(20)}-m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(22)}m_{211}^{(22)}+m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(22)}m_{112}^{(20)}$$
$$+m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(10)}m_{103}^{(21)}-m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(10)}m_{013}^{(20)}-m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{112}^{(21)}$$
$$+m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{022}^{(20)}-m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(21)}m_{202}^{(21)}+m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(21)}m_{112}^{(20)}$$
$$+m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(22)}m_{211}^{(21)}-m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(22)}m_{121}^{(20)}+m_{100}^{(11)}m_{010}^{(10)}m_{010}^{(20)}m_{202}^{(22)}$$
$$-m_{100}^{(11)}m_{010}^{(10)}m_{010}^{(20)}m_{004}^{(00)}-m_{100}^{(11)}m_{010}^{(10)}m_{010}^{(22)}m_{202}^{(20)}+m_{100}^{(11)}m_{010}^{(10)}m_{010}^{(22)}m_{103}^{(00)}$$
$$+m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{112}^{(22)}-m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{013}^{(20)}-m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{211}^{(22)}$$
$$+m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{013}^{(00)}+m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(22)}m_{211}^{(20)}-m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(22)}m_{112}^{(00)}$$
$$-m_{100}^{(11)}m_{010}^{(11)}m_{001}^{(00)}m_{202}^{(22)}+m_{100}^{(11)}m_{010}^{(11)}m_{001}^{(00)}m_{103}^{(20)}+m_{100}^{(11)}m_{010}^{(11)}m_{001}^{(20)}m_{301}^{(22)}$$
$$-m_{100}^{(11)}m_{010}^{(11)}m_{001}^{(20)}m_{103}^{(00)}-m_{100}^{(11)}m_{010}^{(11)}m_{001}^{(22)}m_{301}^{(20)}+m_{100}^{(11)}m_{010}^{(11)}m_{001}^{(22)}m_{202}^{(00)}$$
$$-m_{100}^{(11)}(m_{010}^{(20)})^2m_{211}^{(22)}+m_{100}^{(11)}(m_{010}^{(20)})^2m_{013}^{(00)}-m_{100}^{(11)}m_{010}^{(20)}m_{010}^{(21)}m_{301}^{(22)}$$

$$+m_{100}^{(11)}m_{010}^{(20)}m_{010}^{(21)}m_{103}^{(00)}+m_{100}^{(11)}m_{010}^{(20)}m_{010}^{(22)}m_{310}^{(22)}+m_{100}^{(11)}m_{010}^{(20)}m_{010}^{(22)}m_{211}^{(20)}$$
$$-2m_{100}^{(11)}m_{010}^{(20)}m_{010}^{(22)}m_{112}^{(00)}-m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{121}^{(22)}+m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{022}^{(20)}$$
$$-m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{202}^{(21)}+m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{112}^{(20)}-m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{103}^{(10)}$$
$$+m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{013}^{(00)}+m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{220}^{(22)}+m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{211}^{(21)}$$
$$-m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{121}^{(20)}+m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{112}^{(10)}-2m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{022}^{(00)}$$
$$+m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{301}^{(21)}-m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{211}^{(20)}+m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{202}^{(10)}$$
$$-m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{112}^{(00)}-m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{310}^{(21)}-m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{211}^{(10)}$$
$$+2m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{121}^{(00)}+m_{100}^{(11)}m_{010}^{(21)}m_{010}^{(22)}m_{301}^{(20)}-m_{100}^{(11)}m_{010}^{(21)}m_{010}^{(22)}m_{202}^{(00)}$$
$$+m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{211}^{(22)}-m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{112}^{(20)}-m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{310}^{(22)}$$
$$+m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{112}^{(00)}+m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(22)}m_{310}^{(20)}-m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(22)}m_{211}^{(00)}$$
$$-m_{100}^{(11)}(m_{010}^{(22)})^2m_{310}^{(20)}+m_{100}^{(11)}(m_{010}^{(22)})^2m_{211}^{(00)}+m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(10)}m_{202}^{(10)}$$
$$-m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(10)}m_{112}^{(00)}-m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{211}^{(10)}+m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{121}^{(00)}$$
$$-m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(21)}m_{301}^{(10)}+m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(21)}m_{211}^{(00)}+m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(22)}m_{310}^{(10)}$$
$$-m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(22)}m_{220}^{(00)}-m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{112}^{(21)}+m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{022}^{(20)}$$
$$-m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{211}^{(22)}+2m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{202}^{(21)}-m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{112}^{(20)}$$
$$+m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{121}^{(21)}-m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{031}^{(20)}+m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{220}^{(22)}$$
$$-m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{211}^{(21)}-m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{202}^{(11)}+m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{121}^{(20)}$$
$$-m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{220}^{(21)}+m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{211}^{(11)}+m_{100}^{(11)}(m_{001}^{(10)})^2m_{211}^{(22)}$$
$$-m_{100}^{(11)}(m_{001}^{(10)})^2m_{202}^{(21)}-m_{100}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{220}^{(22)}+m_{100}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{211}^{(21)}$$
$$+m_{100}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{202}^{(11)}-m_{100}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{121}^{(20)}+m_{100}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{112}^{(10)}$$
$$-m_{100}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{022}^{(00)}-m_{100}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{310}^{(22)}+m_{100}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{301}^{(21)}$$
$$-m_{100}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{211}^{(20)}+m_{100}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{202}^{(10)}+m_{100}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{310}^{(21)}$$
$$-m_{100}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{301}^{(11)}+m_{100}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{220}^{(20)}-2m_{100}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{211}^{(10)}$$
$$+m_{100}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{121}^{(00)}+m_{100}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{310}^{(22)}-2m_{100}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{301}^{(21)}$$
$$+2m_{100}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{211}^{(20)}-2m_{100}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{202}^{(10)}+m_{100}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{112}^{(00)}$$
$$-m_{100}^{(11)}m_{001}^{(11)}m_{001}^{(22)}m_{310}^{(20)}+2m_{100}^{(11)}m_{001}^{(11)}m_{001}^{(22)}m_{301}^{(10)}-m_{100}^{(11)}m_{001}^{(11)}m_{001}^{(22)}m_{211}^{(00)}$$
$$-m_{100}^{(11)}(m_{001}^{(20)})^2m_{211}^{(11)}+m_{100}^{(11)}(m_{001}^{(20)})^2m_{130}^{(20)}-m_{100}^{(11)}(m_{001}^{(20)})^2m_{121}^{(10)}$$
$$+m_{100}^{(11)}(m_{001}^{(20)})^2m_{031}^{(00)}+m_{100}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{301}^{(11)}-2m_{100}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{220}^{(20)}$$
$$+2m_{100}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{211}^{(10)}-m_{100}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{121}^{(00)}+m_{100}^{(11)}m_{001}^{(20)}m_{001}^{(22)}m_{220}^{(10)}$$
$$-m_{100}^{(11)}m_{001}^{(20)}m_{001}^{(22)}m_{130}^{(00)}+m_{100}^{(11)}(m_{001}^{(21)})^2m_{310}^{(20)}-m_{100}^{(11)}(m_{001}^{(21)})^2m_{301}^{(10)}$$
$$-m_{100}^{(11)}m_{001}^{(21)}m_{001}^{(22)}m_{310}^{(10)}+m_{100}^{(11)}m_{001}^{(21)}m_{001}^{(22)}m_{220}^{(00)}-2(m_{100}^{(20)})^2m_{100}^{(21)}m_{031}^{(21)}$$
$$+2(m_{100}^{(20)})^2m_{100}^{(21)}m_{022}^{(11)}+(m_{100}^{(20)})^2m_{100}^{(22)}m_{040}^{(21)}-(m_{100}^{(20)})^2m_{100}^{(22)}m_{031}^{(11)}$$
$$-(m_{100}^{(20)})^2m_{010}^{(10)}m_{031}^{(22)}+(m_{100}^{(20)})^2m_{010}^{(10)}m_{013}^{(11)}+(m_{100}^{(20)})^2m_{010}^{(11)}m_{121}^{(22)}$$
$$-2(m_{100}^{(20)})^2m_{010}^{(11)}m_{112}^{(21)}+(m_{100}^{(20)})^2m_{010}^{(11)}m_{022}^{(20)}+2(m_{100}^{(20)})^2m_{010}^{(20)}m_{031}^{(21)}$$
$$-2(m_{100}^{(20)})^2m_{010}^{(20)}m_{022}^{(11)}+(m_{100}^{(20)})^2m_{010}^{(21)}m_{121}^{(21)}+(m_{100}^{(20)})^2m_{010}^{(21)}m_{112}^{(11)}$$
$$-(m_{100}^{(20)})^2m_{010}^{(21)}m_{031}^{(20)}-(m_{100}^{(20)})^2m_{010}^{(21)}m_{022}^{(10)}-(m_{100}^{(20)})^2m_{010}^{(22)}m_{130}^{(21)}$$
$$+(m_{100}^{(20)})^2m_{010}^{(22)}m_{031}^{(10)}+(m_{100}^{(20)})^2m_{001}^{(10)}m_{040}^{(22)}-(m_{100}^{(20)})^2m_{001}^{(10)}m_{022}^{(11)}$$
$$-(m_{100}^{(20)})^2m_{001}^{(11)}m_{130}^{(22)}+(m_{100}^{(20)})^2m_{001}^{(11)}m_{121}^{(21)}+(m_{100}^{(20)})^2m_{001}^{(11)}m_{112}^{(11)}$$

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\begin{aligned}
&-(m_{100}^{(20)})^2 m_{001}^{(11)} m_{031}^{(20)} - 2(m_{100}^{(20)})^2 m_{001}^{(20)} m_{040}^{(21)} + 2(m_{100}^{(20)})^2 m_{001}^{(20)} m_{031}^{(11)} \\
&+(m_{100}^{(20)})^2 m_{001}^{(21)} m_{130}^{(21)} - 3(m_{100}^{(20)})^2 m_{001}^{(21)} m_{121}^{(11)} + (m_{100}^{(20)})^2 m_{001}^{(21)} m_{040}^{(20)} \\
&+(m_{100}^{(20)})^2 m_{001}^{(21)} m_{031}^{(10)} + (m_{100}^{(20)})^2 m_{001}^{(22)} m_{130}^{(11)} - (m_{100}^{(20)})^2 m_{001}^{(22)} m_{040}^{(10)} \\
&+2m_{100}^{(20)} (m_{100}^{(21)})^2 m_{121}^{(21)} - 2m_{100}^{(20)} (m_{100}^{(21)})^2 m_{112}^{(11)} + 2m_{100}^{(20)} (m_{100}^{(21)})^2 m_{031}^{(20)} \\
&-2m_{100}^{(20)} (m_{100}^{(21)})^2 m_{022}^{(10)} - m_{100}^{(20)} m_{100}^{(21)} m_{100}^{(22)} m_{130}^{(21)} + m_{100}^{(20)} m_{100}^{(21)} m_{100}^{(22)} m_{121}^{(11)} \\
&-m_{100}^{(20)} m_{100}^{(21)} m_{100}^{(22)} m_{040}^{(20)} + m_{100}^{(20)} m_{100}^{(21)} m_{100}^{(22)} m_{031}^{(10)} + m_{100}^{(20)} m_{100}^{(21)} m_{010}^{(00)} m_{031}^{(22)} \\
&-m_{100}^{(20)} m_{100}^{(21)} m_{010}^{(00)} m_{013}^{(11)} - 2m_{100}^{(20)} m_{100}^{(21)} m_{010}^{(10)} m_{121}^{(22)} + m_{100}^{(20)} m_{100}^{(21)} m_{010}^{(10)} m_{112}^{(21)} \\
&+m_{100}^{(20)} m_{100}^{(21)} m_{010}^{(10)} m_{103}^{(11)} - m_{100}^{(20)} m_{100}^{(21)} m_{010}^{(10)} m_{022}^{(20)} + m_{100}^{(20)} m_{100}^{(21)} m_{010}^{(10)} m_{013}^{(10)} \\
&+m_{100}^{(20)} m_{100}^{(21)} m_{010}^{(11)} m_{211}^{(22)} + 2m_{100}^{(20)} m_{100}^{(21)} m_{010}^{(11)} m_{112}^{(20)} - 2m_{100}^{(20)} m_{100}^{(21)} m_{010}^{(11)} m_{103}^{(10)} \\
&-m_{100}^{(20)} m_{100}^{(21)} m_{010}^{(11)} m_{013}^{(00)} + m_{100}^{(20)} m_{100}^{(21)} m_{010}^{(20)} m_{121}^{(21)} - m_{100}^{(20)} m_{100}^{(21)} m_{010}^{(20)} m_{112}^{(11)} \\
&-m_{100}^{(20)} m_{100}^{(21)} m_{010}^{(20)} m_{031}^{(20)} + m_{100}^{(20)} m_{100}^{(21)} m_{010}^{(20)} m_{022}^{(10)} - 3m_{100}^{(20)} m_{100}^{(21)} m_{010}^{(21)} m_{211}^{(21)} \\
&+m_{100}^{(20)} m_{100}^{(21)} m_{010}^{(21)} m_{202}^{(11)} - m_{100}^{(20)} m_{100}^{(21)} m_{010}^{(21)} m_{121}^{(20)} + m_{100}^{(20)} m_{100}^{(21)} m_{010}^{(21)} m_{112}^{(10)} \\
&+2m_{100}^{(20)} m_{100}^{(21)} m_{010}^{(21)} m_{022}^{(00)} + m_{100}^{(20)} m_{100}^{(21)} m_{010}^{(22)} m_{220}^{(21)} + m_{100}^{(20)} m_{100}^{(21)} m_{010}^{(22)} m_{130}^{(20)} \\
&-m_{100}^{(20)} m_{100}^{(21)} m_{010}^{(22)} m_{121}^{(10)} - m_{100}^{(20)} m_{100}^{(21)} m_{010}^{(22)} m_{031}^{(00)} - m_{100}^{(20)} m_{100}^{(21)} m_{001}^{(00)} m_{040}^{(22)} \\
&+m_{100}^{(20)} m_{100}^{(21)} m_{001}^{(00)} m_{022}^{(11)} - m_{100}^{(20)} m_{100}^{(21)} m_{001}^{(10)} m_{121}^{(21)} + m_{100}^{(20)} m_{100}^{(21)} m_{001}^{(10)} m_{112}^{(11)} \\
&+m_{100}^{(20)} m_{100}^{(21)} m_{001}^{(10)} m_{031}^{(20)} - m_{100}^{(20)} m_{100}^{(21)} m_{001}^{(10)} m_{022}^{(10)} + m_{100}^{(20)} m_{100}^{(21)} m_{001}^{(11)} m_{220}^{(22)} \\
&-m_{100}^{(20)} m_{100}^{(21)} m_{001}^{(11)} m_{211}^{(21)} - m_{100}^{(20)} m_{100}^{(21)} m_{001}^{(11)} m_{202}^{(11)} + m_{100}^{(20)} m_{100}^{(21)} m_{001}^{(11)} m_{121}^{(20)} \\
&-m_{100}^{(20)} m_{100}^{(21)} m_{001}^{(11)} m_{112}^{(10)} + m_{100}^{(20)} m_{100}^{(21)} m_{001}^{(11)} m_{022}^{(00)} + 3m_{100}^{(20)} m_{100}^{(21)} m_{001}^{(20)} m_{130}^{(21)} \\
&-3m_{100}^{(20)} m_{100}^{(21)} m_{001}^{(20)} m_{121}^{(11)} + m_{100}^{(20)} m_{100}^{(21)} m_{001}^{(20)} m_{040}^{(20)} - m_{100}^{(20)} m_{100}^{(21)} m_{001}^{(20)} m_{031}^{(10)} \\
&-m_{100}^{(20)} m_{100}^{(21)} m_{001}^{(21)} m_{220}^{(21)} + 3m_{100}^{(20)} m_{100}^{(21)} m_{001}^{(21)} m_{211}^{(11)} - 3m_{100}^{(20)} m_{100}^{(21)} m_{001}^{(21)} m_{130}^{(20)} \\
&+3m_{100}^{(20)} m_{100}^{(21)} m_{001}^{(21)} m_{121}^{(10)} - 2m_{100}^{(20)} m_{100}^{(21)} m_{001}^{(21)} m_{031}^{(00)} - m_{100}^{(20)} m_{100}^{(21)} m_{001}^{(22)} m_{220}^{(11)} \\
&+m_{100}^{(20)} m_{100}^{(21)} m_{001}^{(22)} m_{040}^{(00)} - m_{100}^{(20)} m_{100}^{(22)} m_{010}^{(00)} m_{031}^{(21)} + m_{100}^{(20)} m_{100}^{(22)} m_{010}^{(00)} m_{022}^{(11)} \\
&+m_{100}^{(20)} m_{100}^{(22)} m_{010}^{(10)} m_{130}^{(22)} + m_{100}^{(20)} m_{100}^{(22)} m_{010}^{(10)} m_{121}^{(21)} - 2m_{100}^{(20)} m_{100}^{(22)} m_{010}^{(10)} m_{112}^{(11)} \\
&+m_{100}^{(20)} m_{100}^{(22)} m_{010}^{(10)} m_{031}^{(20)} - m_{100}^{(20)} m_{100}^{(22)} m_{010}^{(10)} m_{022}^{(10)} - m_{100}^{(20)} m_{100}^{(22)} m_{010}^{(11)} m_{220}^{(22)} \\
&+m_{100}^{(20)} m_{100}^{(22)} m_{010}^{(11)} m_{211}^{(21)} - 2m_{100}^{(20)} m_{100}^{(22)} m_{010}^{(11)} m_{121}^{(20)} + 2m_{100}^{(20)} m_{100}^{(22)} m_{010}^{(11)} m_{112}^{(10)} \\
&-2m_{100}^{(20)} m_{100}^{(22)} m_{010}^{(20)} m_{130}^{(21)} + 2m_{100}^{(20)} m_{100}^{(22)} m_{010}^{(20)} m_{121}^{(11)} + m_{100}^{(20)} m_{100}^{(22)} m_{010}^{(21)} m_{220}^{(21)} \\
&-m_{100}^{(20)} m_{100}^{(22)} m_{010}^{(21)} m_{211}^{(11)} + m_{100}^{(20)} m_{100}^{(22)} m_{010}^{(21)} m_{130}^{(20)} - m_{100}^{(20)} m_{100}^{(22)} m_{010}^{(21)} m_{121}^{(10)} \\
&+m_{100}^{(20)} m_{100}^{(22)} m_{001}^{(00)} m_{040}^{(21)} - m_{100}^{(20)} m_{100}^{(22)} m_{001}^{(00)} m_{031}^{(11)} - m_{100}^{(20)} m_{100}^{(22)} m_{001}^{(10)} m_{130}^{(21)} \\
&+m_{100}^{(20)} m_{100}^{(22)} m_{001}^{(10)} m_{121}^{(11)} - m_{100}^{(20)} m_{100}^{(22)} m_{001}^{(10)} m_{040}^{(20)} + m_{100}^{(20)} m_{100}^{(22)} m_{001}^{(10)} m_{031}^{(10)} \\
&+m_{100}^{(20)} m_{100}^{(22)} m_{001}^{(11)} m_{130}^{(20)} - m_{100}^{(20)} m_{100}^{(22)} m_{001}^{(11)} m_{121}^{(10)} + 2m_{100}^{(20)} m_{010}^{(00)} m_{010}^{(11)} m_{112}^{(22)} \\
&-2m_{100}^{(20)} m_{010}^{(00)} m_{010}^{(11)} m_{103}^{(21)} - 2m_{100}^{(20)} m_{010}^{(00)} m_{010}^{(21)} m_{121}^{(22)} + 2m_{100}^{(20)} m_{010}^{(00)} m_{010}^{(21)} m_{103}^{(11)} \\
&+2m_{100}^{(20)} m_{010}^{(00)} m_{010}^{(22)} m_{121}^{(21)} - 2m_{100}^{(20)} m_{010}^{(00)} m_{010}^{(22)} m_{112}^{(11)} - m_{100}^{(20)} m_{010}^{(00)} m_{001}^{(11)} m_{121}^{(22)} \\
&+m_{100}^{(20)} m_{010}^{(00)} m_{001}^{(11)} m_{112}^{(21)} + m_{100}^{(20)} m_{010}^{(00)} m_{001}^{(21)} m_{130}^{(22)} - m_{100}^{(20)} m_{010}^{(00)} m_{001}^{(21)} m_{112}^{(11)} \\
&-m_{100}^{(20)} m_{010}^{(00)} m_{001}^{(22)} m_{130}^{(21)} + m_{100}^{(20)} m_{010}^{(00)} m_{001}^{(22)} m_{121}^{(11)} - 3m_{100}^{(20)} (m_{010}^{(10)})^2 m_{112}^{(22)} \\
&+m_{100}^{(20)} (m_{010}^{(10)})^2 m_{103}^{(21)} + m_{100}^{(20)} (m_{010}^{(10)})^2 m_{013}^{(20)} + m_{100}^{(20)} (m_{010}^{(10)})^2 m_{004}^{(10)} \\
&+m_{100}^{(20)} m_{010}^{(10)} m_{010}^{(11)} m_{202}^{(22)} - m_{100}^{(20)} m_{010}^{(10)} m_{010}^{(11)} m_{004}^{(00)} + 3m_{100}^{(20)} m_{010}^{(10)} m_{010}^{(20)} m_{121}^{(22)} \\
&+3m_{100}^{(20)} m_{010}^{(10)} m_{010}^{(20)} m_{112}^{(21)} - 2m_{100}^{(20)} m_{010}^{(10)} m_{010}^{(20)} m_{103}^{(11)} - m_{100}^{(20)} m_{010}^{(10)} m_{010}^{(20)} m_{022}^{(20)} \\
&-3m_{100}^{(20)} m_{010}^{(10)} m_{010}^{(20)} m_{013}^{(10)} + 3m_{100}^{(20)} m_{010}^{(10)} m_{010}^{(21)} m_{211}^{(22)} - 2m_{100}^{(20)} m_{010}^{(10)} m_{010}^{(21)} m_{202}^{(21)}
\end{aligned}
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$$
\begin{aligned}
&-2m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{103}^{(10)} + m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{013}^{(00)} - m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{220}^{(22)}\\
&-3m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{211}^{(21)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{202}^{(11)} - m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{121}^{(20)}\\
&+3m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{112}^{(10)} + 3m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{121}^{(22)} + m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{103}^{(11)}\\
&-2m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{022}^{(20)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{013}^{(10)} - m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{211}^{(22)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{013}^{(00)} - m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{130}^{(22)} - 3m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{121}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{031}^{(20)} + 3m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{022}^{(10)} - m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{220}^{(22)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{211}^{(21)} - m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{202}^{(11)} + m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{121}^{(20)}\\
&+m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{112}^{(10)} - m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{022}^{(00)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(22)}m_{220}^{(21)}\\
&-2m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(22)}m_{121}^{(10)} - 3m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{211}^{(22)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{202}^{(21)}\\
&-2m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{112}^{(20)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{103}^{(10)} + m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{013}^{(00)}\\
&-m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(21)}m_{301}^{(22)} + m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(21)}m_{103}^{(00)} + m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{310}^{(22)}\\
&+2m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{211}^{(20)} - 2m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{202}^{(10)} - m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{112}^{(00)}\\
&-m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{121}^{(22)} + m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{112}^{(21)} - m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{211}^{(22)}\\
&-2m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{202}^{(21)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{112}^{(20)} + m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{013}^{(00)}\\
&+m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(11)}m_{301}^{(22)} - m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(11)}m_{103}^{(00)} + m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{220}^{(22)}\\
&+2m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{211}^{(21)} - 2m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{112}^{(10)} - m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{022}^{(00)}\\
&-2m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{211}^{(20)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{202}^{(10)} - m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(22)}m_{310}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(22)}m_{121}^{(00)} - 4m_{100}^{(20)}(m_{010}^{(20)})^2m_{121}^{(21)} + 2m_{100}^{(20)}(m_{010}^{(20)})^2m_{112}^{(11)}\\
&+2m_{100}^{(20)}(m_{010}^{(20)})^2m_{022}^{(10)} + m_{100}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{211}^{(21)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{202}^{(11)}\\
&+3m_{100}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{121}^{(20)} - m_{100}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{112}^{(10)} - m_{100}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{022}^{(00)}\\
&+2m_{100}^{(20)}m_{010}^{(20)}m_{010}^{(22)}m_{220}^{(21)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{010}^{(22)}m_{121}^{(10)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{130}^{(22)}\\
&-m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{121}^{(21)} - m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{112}^{(11)} + m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{031}^{(20)}\\
&+3m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{022}^{(10)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{220}^{(22)} - m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{211}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{121}^{(20)} - m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{112}^{(10)} - m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{022}^{(00)}\\
&+4m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(20)}m_{130}^{(21)} - 4m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(20)}m_{031}^{(10)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(21)}m_{220}^{(21)}\\
&+3m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(21)}m_{211}^{(11)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(21)}m_{130}^{(20)} + m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(21)}m_{031}^{(00)}\\
&-2m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(22)}m_{220}^{(11)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(22)}m_{130}^{(10)} + m_{100}^{(20)}(m_{010}^{(21)})^2m_{301}^{(21)}\\
&-m_{100}^{(20)}(m_{010}^{(21)})^2m_{211}^{(20)} + m_{100}^{(20)}(m_{010}^{(21)})^2m_{202}^{(10)} - m_{100}^{(20)}(m_{010}^{(21)})^2m_{112}^{(00)}\\
&-m_{100}^{(20)}m_{010}^{(21)}m_{010}^{(22)}m_{310}^{(21)} - m_{100}^{(20)}m_{010}^{(21)}m_{010}^{(22)}m_{220}^{(20)} + m_{100}^{(20)}m_{010}^{(21)}m_{010}^{(22)}m_{211}^{(10)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{010}^{(22)}m_{121}^{(00)} + m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{130}^{(22)} - m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{112}^{(11)}\\
&+2m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{211}^{(21)} + m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{202}^{(11)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{121}^{(20)}\\
&-m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{022}^{(00)} - m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{310}^{(22)} + m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{112}^{(00)}\\
&-3m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{220}^{(21)} - m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{130}^{(20)} + 3m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{121}^{(10)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{031}^{(00)} + m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(21)}m_{310}^{(21)} - m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(21)}m_{301}^{(11)}\\
&+3m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(21)}m_{220}^{(20)} - 3m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(21)}m_{211}^{(10)} + m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(22)}m_{310}^{(11)}\\
&-m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(22)}m_{130}^{(00)} - m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(00)}m_{130}^{(21)} + m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(00)}m_{121}^{(11)}\\
&+m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{220}^{(21)} - m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{211}^{(11)} + m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{130}^{(20)}\\
&-m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{121}^{(10)} - m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(11)}m_{220}^{(20)} + m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(11)}m_{211}^{(10)}
\end{aligned}
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\begin{aligned}
&-m_{100}^{(20)}(m_{001}^{(10)})^2m_{121}^{(21)} - m_{100}^{(20)}(m_{001}^{(10)})^2m_{112}^{(11)} + m_{100}^{(20)}(m_{001}^{(10)})^2m_{031}^{(20)}\\
&+m_{100}^{(20)}(m_{001}^{(10)})^2m_{022}^{(10)} + 2m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{211}^{(21)} + m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{202}^{(11)}\\
&-2m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{121}^{(20)} - m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{022}^{(00)} + m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{130}^{(21)}\\
&+3m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{121}^{(11)} - m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{040}^{(20)} - 3m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{031}^{(10)}\\
&-m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{220}^{(21)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{211}^{(11)} + m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{130}^{(20)}\\
&+m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{121}^{(10)} + m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{031}^{(00)} - m_{100}^{(20)}(m_{001}^{(11)})^2m_{301}^{(21)}\\
&+m_{100}^{(20)}(m_{001}^{(11)})^2m_{211}^{(20)} - m_{100}^{(20)}(m_{001}^{(11)})^2m_{202}^{(10)} + m_{100}^{(20)}(m_{001}^{(11)})^2m_{112}^{(00)}\\
&-m_{100}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{220}^{(21)} - 2m_{100}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{211}^{(11)} + m_{100}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{130}^{(20)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{121}^{(10)} + m_{100}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{031}^{(00)} + m_{100}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{310}^{(21)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{301}^{(11)} - m_{100}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{220}^{(20)} + m_{100}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{211}^{(10)}\\
&-2m_{100}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{121}^{(00)} - 2m_{100}^{(20)}(m_{001}^{(20)})^2m_{130}^{(11)} + 2m_{100}^{(20)}(m_{001}^{(20)})^2m_{040}^{(10)}\\
&+3m_{100}^{(20)}m_{001}^{(20)}m_{001}^{(21)}m_{220}^{(11)} - 2m_{100}^{(20)}m_{001}^{(20)}m_{001}^{(21)}m_{130}^{(10)} - m_{100}^{(20)}m_{001}^{(20)}m_{001}^{(21)}m_{040}^{(00)}\\
&-m_{100}^{(20)}(m_{001}^{(21)})^2m_{310}^{(11)} + m_{100}^{(20)}(m_{001}^{(21)})^2m_{130}^{(00)} - 2(m_{100}^{(21)})^3m_{121}^{(20)} + 2(m_{100}^{(21)})^3m_{112}^{(10)}\\
&+(m_{100}^{(21)})^2m_{100}^{(22)}m_{130}^{(20)} - (m_{100}^{(21)})^2m_{100}^{(22)}m_{121}^{(10)} + (m_{100}^{(21)})^2m_{010}^{(00)}m_{121}^{(22)}\\
&-(m_{100}^{(21)})^2m_{010}^{(00)}m_{103}^{(11)} - (m_{100}^{(21)})^2m_{010}^{(10)}m_{211}^{(22)} + (m_{100}^{(21)})^2m_{010}^{(10)}m_{202}^{(21)}\\
&-(m_{100}^{(21)})^2m_{010}^{(10)}m_{112}^{(20)} + (m_{100}^{(21)})^2m_{010}^{(10)}m_{103}^{(10)} - (m_{100}^{(21)})^2m_{010}^{(11)}m_{202}^{(20)}\\
&+(m_{100}^{(21)})^2m_{010}^{(11)}m_{103}^{(00)} - (m_{100}^{(21)})^2m_{010}^{(20)}m_{211}^{(21)} + (m_{100}^{(21)})^2m_{010}^{(20)}m_{202}^{(11)}\\
&-(m_{100}^{(21)})^2m_{010}^{(20)}m_{121}^{(20)} + (m_{100}^{(21)})^2m_{010}^{(20)}m_{112}^{(10)} + 4(m_{100}^{(21)})^2m_{010}^{(21)}m_{211}^{(20)}\\
&-2(m_{100}^{(21)})^2m_{010}^{(21)}m_{202}^{(10)} - 2(m_{100}^{(21)})^2m_{010}^{(21)}m_{112}^{(00)} - (m_{100}^{(21)})^2m_{010}^{(22)}m_{220}^{(20)}\\
&+(m_{100}^{(21)})^2m_{010}^{(22)}m_{121}^{(00)} + (m_{100}^{(21)})^2m_{001}^{(00)}m_{130}^{(22)} - (m_{100}^{(21)})^2m_{001}^{(00)}m_{112}^{(11)}\\
&-(m_{100}^{(21)})^2m_{001}^{(10)}m_{220}^{(22)} + (m_{100}^{(21)})^2m_{001}^{(10)}m_{211}^{(21)} - (m_{100}^{(21)})^2m_{001}^{(10)}m_{121}^{(20)}\\
&+(m_{100}^{(21)})^2m_{001}^{(10)}m_{112}^{(10)} + (m_{100}^{(21)})^2m_{001}^{(11)}m_{202}^{(10)} - (m_{100}^{(21)})^2m_{001}^{(11)}m_{112}^{(00)}\\
&-(m_{100}^{(21)})^2m_{001}^{(20)}m_{220}^{(21)} + (m_{100}^{(21)})^2m_{001}^{(20)}m_{211}^{(11)} - (m_{100}^{(21)})^2m_{001}^{(20)}m_{130}^{(20)}\\
&+(m_{100}^{(21)})^2m_{001}^{(20)}m_{121}^{(10)} + 2(m_{100}^{(21)})^2m_{001}^{(21)}m_{220}^{(20)} - 4(m_{100}^{(21)})^2m_{001}^{(21)}m_{211}^{(10)}\\
&+2(m_{100}^{(21)})^2m_{001}^{(21)}m_{121}^{(00)} + (m_{100}^{(21)})^2m_{001}^{(22)}m_{220}^{(10)} - (m_{100}^{(21)})^2m_{001}^{(22)}m_{130}^{(00)}\\
&-m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{130}^{(22)} - m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{121}^{(21)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{112}^{(11)}\\
&+m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{220}^{(22)} - m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{202}^{(11)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{121}^{(20)}\\
&-2m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{112}^{(10)} - m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(11)}m_{211}^{(20)} + m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(11)}m_{202}^{(10)}\\
&+m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{220}^{(21)} - m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{211}^{(11)} + m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{130}^{(20)}\\
&-m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{121}^{(10)} - 2m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(21)}m_{220}^{(20)} + 2m_{100}^{(21)}m_{100}^{(22)}m_{010}^{(21)}m_{211}^{(10)}\\
&-m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(00)}m_{130}^{(21)} + m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(00)}m_{121}^{(11)} + m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(10)}m_{220}^{(21)}\\
&-m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(10)}m_{211}^{(11)} + m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(10)}m_{130}^{(20)} - m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(10)}m_{121}^{(10)}\\
&-m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(11)}m_{220}^{(20)} + m_{100}^{(21)}m_{100}^{(22)}m_{001}^{(11)}m_{211}^{(10)} + m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(10)}m_{112}^{(22)}\\
&+m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(10)}m_{103}^{(21)} - m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(10)}m_{013}^{(20)} - m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(10)}m_{004}^{(10)}\\
&-m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{121}^{(22)} - m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{112}^{(21)} + m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{022}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{013}^{(10)} - m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{211}^{(22)} - m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{202}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{112}^{(20)} + m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{103}^{(10)} + m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{220}^{(22)}\\
&+m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{211}^{(21)} - m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{121}^{(20)} - m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{112}^{(10)}
\end{aligned}
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\begin{aligned}
&-m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{112}^{(21)} - m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{103}^{(11)} + m_{100}^{(21)}m_{010}^{(00)}m_{010}^{(10)}m_{022}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{013}^{(10)} + m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(11)}m_{211}^{(22)} - m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(11)}m_{202}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{121}^{(21)} + m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{112}^{(11)} - m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{031}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{022}^{(10)} - m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{220}^{(22)} + m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{211}^{(21)}\\
&+2m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{202}^{(11)} - m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{121}^{(20)} - m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{112}^{(10)}\\
&-2m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(22)}m_{211}^{(11)} + m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(22)}m_{130}^{(20)} + m_{100}^{(21)}m_{010}^{(00)}m_{001}^{(22)}m_{121}^{(10)}\\
&-m_{100}^{(21)}(m_{010}^{(10)})^2m_{202}^{(22)} + m_{100}^{(21)}(m_{010}^{(10)})^2m_{004}^{(00)} + m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{211}^{(22)}\\
&-m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{202}^{(21)} - m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{112}^{(20)} + m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{103}^{(10)}\\
&+m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(21)}m_{301}^{(22)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(21)}m_{202}^{(20)} - 3m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(21)}m_{103}^{(00)}\\
&-m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{310}^{(22)} + m_{100}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{112}^{(00)} - m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{121}^{(22)}\\
&-m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{112}^{(21)} + m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{022}^{(20)} + m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{013}^{(10)}\\
&-m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(10)}m_{211}^{(22)} + 3m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(10)}m_{202}^{(21)} - m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(10)}m_{112}^{(20)}\\
&+m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(10)}m_{103}^{(10)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(10)}m_{013}^{(00)} + m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{220}^{(22)}\\
&-m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{202}^{(11)} + 2m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{121}^{(20)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{112}^{(10)}\\
&+m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{310}^{(22)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{301}^{(21)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{202}^{(10)}\\
&+3m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{112}^{(00)} + m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(22)}m_{301}^{(11)} - 2m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(22)}m_{220}^{(20)}\\
&+2m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(22)}m_{211}^{(10)} - m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(22)}m_{121}^{(00)} + 2m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{211}^{(22)}\\
&-m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{112}^{(20)} - m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{103}^{(10)} - m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(10)}m_{301}^{(22)}\\
&+m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(10)}m_{103}^{(00)} - m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(20)}m_{310}^{(22)} - 2m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(20)}m_{211}^{(20)}\\
&+2m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(20)}m_{202}^{(10)} + m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(20)}m_{112}^{(00)} + 2m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(21)}m_{301}^{(20)}\\
&-2m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(21)}m_{202}^{(00)} + m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(22)}m_{310}^{(20)} - m_{100}^{(21)}m_{010}^{(11)}m_{001}^{(22)}m_{301}^{(10)}\\
&+m_{100}^{(21)}(m_{010}^{(20)})^2m_{211}^{(21)} + m_{100}^{(21)}(m_{010}^{(20)})^2m_{121}^{(20)} - m_{100}^{(21)}(m_{010}^{(20)})^2m_{112}^{(10)}\\
&-m_{100}^{(21)}(m_{010}^{(20)})^2m_{022}^{(00)} + m_{100}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{301}^{(21)} - m_{100}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{211}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{202}^{(10)} + m_{100}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{112}^{(00)} - m_{100}^{(21)}m_{010}^{(20)}m_{010}^{(22)}m_{310}^{(21)}\\
&-m_{100}^{(21)}m_{010}^{(20)}m_{010}^{(22)}m_{220}^{(20)} + m_{100}^{(21)}m_{010}^{(20)}m_{010}^{(22)}m_{211}^{(10)} + m_{100}^{(21)}m_{010}^{(20)}m_{010}^{(22)}m_{121}^{(00)}\\
&+m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{130}^{(22)} + m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{121}^{(21)} - m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{031}^{(20)}\\
&-m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{022}^{(10)} - m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(11)}m_{310}^{(22)} + m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(11)}m_{301}^{(21)}\\
&-m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(11)}m_{211}^{(20)} + m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(11)}m_{202}^{(10)} - 3m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(20)}m_{220}^{(21)}\\
&+m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(20)}m_{211}^{(11)} - m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(20)}m_{130}^{(20)} + m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(20)}m_{121}^{(10)}\\
&+2m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(20)}m_{031}^{(00)} + m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(21)}m_{310}^{(21)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(21)}m_{301}^{(11)}\\
&+3m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(21)}m_{220}^{(20)} - m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(21)}m_{211}^{(10)} - m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(21)}m_{121}^{(00)}\\
&+m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(22)}m_{310}^{(11)} - m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(22)}m_{130}^{(00)} - 2m_{100}^{(21)}(m_{010}^{(21)})^2m_{301}^{(20)}\\
&+2m_{100}^{(21)}(m_{010}^{(21)})^2m_{202}^{(00)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{010}^{(22)}m_{310}^{(20)} - 2m_{100}^{(21)}m_{010}^{(21)}m_{010}^{(22)}m_{211}^{(00)}\\
&-2m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{220}^{(22)} - m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{211}^{(21)} + m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{202}^{(11)}\\
&+m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{121}^{(20)} + m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{112}^{(10)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{310}^{(22)}\\
&-m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{301}^{(21)} + m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{211}^{(20)} - 3m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{202}^{(10)}\\
&+m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{112}^{(00)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{310}^{(21)} - m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{301}^{(11)}\\
&+2m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{220}^{(20)} - 3m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{121}^{(00)} - 4m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(21)}m_{310}^{(20)}
\end{aligned}
$$

$$+4m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(21)}m_{301}^{(10)} - 2m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(22)}m_{310}^{(10)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(22)}m_{220}^{(00)}$$
$$+m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{220}^{(21)} - m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{211}^{(11)} - m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(10)}m_{310}^{(21)}$$
$$+m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(10)}m_{301}^{(11)} - m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(10)}m_{220}^{(20)} + m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(10)}m_{211}^{(10)}$$
$$+m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(11)}m_{310}^{(20)} - m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(11)}m_{301}^{(10)} + m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{121}^{(21)}$$
$$+m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{112}^{(11)} - m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{031}^{(20)} - m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{022}^{(10)}$$
$$-m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{211}^{(21)} - m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{202}^{(11)} + m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{121}^{(20)}$$
$$+m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{112}^{(10)} - m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{130}^{(21)} - m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{121}^{(11)}$$
$$+m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{040}^{(20)} + m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{031}^{(10)} + m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{220}^{(21)}$$
$$+m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{211}^{(11)} - m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{130}^{(20)} - m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{121}^{(10)}$$
$$-m_{100}^{(21)}(m_{001}^{(10)})^2m_{211}^{(21)} + m_{100}^{(21)}(m_{001}^{(10)})^2m_{121}^{(20)} - m_{100}^{(21)}(m_{001}^{(10)})^2m_{112}^{(10)}$$
$$+m_{100}^{(21)}(m_{001}^{(10)})^2m_{022}^{(00)} + m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{301}^{(21)} - m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{211}^{(20)}$$
$$+m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{202}^{(10)} - m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{112}^{(00)} + m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{220}^{(21)}$$
$$-m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{211}^{(11)} - m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{130}^{(20)} + m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{121}^{(10)}$$
$$-m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{310}^{(21)} + m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{220}^{(20)} + m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{211}^{(10)}$$
$$-m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{121}^{(00)} + m_{100}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{301}^{(11)} - m_{100}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{121}^{(00)}$$
$$-2m_{100}^{(21)}m_{001}^{(11)}m_{001}^{(21)}m_{301}^{(10)} + 2m_{100}^{(21)}m_{001}^{(11)}m_{001}^{(21)}m_{211}^{(00)} + m_{100}^{(21)}(m_{001}^{(20)})^2m_{220}^{(11)}$$
$$-m_{100}^{(21)}(m_{001}^{(20)})^2m_{040}^{(00)} - m_{100}^{(21)}m_{001}^{(20)}m_{001}^{(21)}m_{310}^{(11)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{001}^{(21)}m_{220}^{(10)}$$
$$+3m_{100}^{(21)}m_{001}^{(20)}m_{001}^{(21)}m_{130}^{(00)} + 2m_{100}^{(21)}(m_{001}^{(21)})^2m_{310}^{(10)} - 2m_{100}^{(21)}(m_{001}^{(21)})^2m_{220}^{(00)}$$
$$+(m_{100}^{(22)})^2m_{010}^{(00)}m_{130}^{(21)} - (m_{100}^{(22)})^2m_{010}^{(00)}m_{121}^{(11)} - (m_{100}^{(22)})^2m_{010}^{(10)}m_{220}^{(21)}$$
$$+(m_{100}^{(22)})^2m_{010}^{(10)}m_{211}^{(11)} - (m_{100}^{(22)})^2m_{010}^{(10)}m_{130}^{(20)} + (m_{100}^{(22)})^2m_{010}^{(10)}m_{121}^{(10)}$$
$$+(m_{100}^{(22)})^2m_{010}^{(11)}m_{220}^{(20)} - (m_{100}^{(22)})^2m_{010}^{(11)}m_{211}^{(10)} - m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{112}^{(21)}$$
$$+m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{013}^{(10)} - m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{211}^{(22)} + m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{202}^{(21)}$$
$$+m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{121}^{(21)} - m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{022}^{(10)} + m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{220}^{(22)}$$
$$+m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{211}^{(21)} - m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{202}^{(11)} - m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{112}^{(10)}$$
$$-2m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(22)}m_{220}^{(21)} + m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(22)}m_{211}^{(11)} + m_{100}^{(22)}m_{010}^{(00)}m_{010}^{(22)}m_{121}^{(10)}$$
$$+m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{112}^{(11)} - m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{022}^{(10)} - m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{121}^{(11)}$$
$$+m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{031}^{(10)} - m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{211}^{(11)} + m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{121}^{(10)}$$
$$+m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(22)}m_{220}^{(11)} - m_{100}^{(22)}m_{010}^{(00)}m_{001}^{(22)}m_{130}^{(10)} + m_{100}^{(22)}(m_{010}^{(10)})^2m_{211}^{(22)}$$
$$+m_{100}^{(22)}(m_{010}^{(10)})^2m_{112}^{(20)} - m_{100}^{(22)}(m_{010}^{(10)})^2m_{103}^{(10)} - m_{100}^{(22)}(m_{010}^{(10)})^2m_{013}^{(00)}$$
$$-m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(11)}m_{202}^{(20)} + m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(11)}m_{103}^{(00)} - m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{220}^{(22)}$$
$$-m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{211}^{(21)} + m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{202}^{(11)} - m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{121}^{(20)}$$
$$+m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{112}^{(10)} + m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{022}^{(00)} - m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{310}^{(22)}$$
$$-2m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{211}^{(20)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{202}^{(10)} + m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{112}^{(00)}$$
$$+2m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{310}^{(21)} - m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{301}^{(11)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{220}^{(20)}$$
$$-2m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{211}^{(10)} - m_{100}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{121}^{(00)} + m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{121}^{(21)}$$
$$-m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{022}^{(10)} - m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{211}^{(21)} - m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{202}^{(11)}$$
$$-m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{121}^{(20)} + m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{112}^{(10)} + 2m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{022}^{(00)}$$
$$+m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{211}^{(20)} - m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{112}^{(00)} + m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{211}^{(11)}$$

$$
\begin{aligned}
&-m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{031}^{(00)} + m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{301}^{(11)} - m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{121}^{(00)}\\
&-m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(22)}m_{310}^{(11)} + m_{100}^{(22)}m_{010}^{(10)}m_{001}^{(22)}m_{130}^{(00)} + m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{310}^{(22)}\\
&-m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{301}^{(21)} + 2m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{211}^{(20)} - m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{202}^{(10)}\\
&-m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{112}^{(00)} + m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(21)}m_{301}^{(20)} - m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(21)}m_{202}^{(00)}\\
&-2m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(22)}m_{310}^{(20)} + m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(22)}m_{301}^{(10)} + m_{100}^{(22)}m_{010}^{(11)}m_{010}^{(22)}m_{211}^{(00)}\\
&-m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{211}^{(21)} + m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{112}^{(10)} + m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{301}^{(21)}\\
&+m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{211}^{(20)} - 2m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{112}^{(00)} - m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(11)}m_{301}^{(20)}\\
&+m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(11)}m_{202}^{(00)} - m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{211}^{(10)} + m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{121}^{(00)}\\
&-m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(21)}m_{301}^{(10)} + m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(21)}m_{211}^{(00)} + m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(22)}m_{310}^{(10)}\\
&-m_{100}^{(22)}m_{010}^{(11)}m_{001}^{(22)}m_{220}^{(00)} + m_{100}^{(22)}(m_{010}^{(20)})^2m_{220}^{(21)} - m_{100}^{(22)}(m_{010}^{(20)})^2m_{211}^{(11)}\\
&-m_{100}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{310}^{(21)} + m_{100}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{301}^{(11)} - m_{100}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{220}^{(20)}\\
&+m_{100}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{211}^{(10)} - m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(00)}m_{130}^{(21)} + m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(00)}m_{031}^{(10)}\\
&+m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{220}^{(21)} + m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{130}^{(20)} - m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{121}^{(10)}\\
&-m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{031}^{(00)} - m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{220}^{(20)} + m_{100}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{121}^{(00)}\\
&+m_{100}^{(22)}(m_{010}^{(21)})^2m_{310}^{(20)} - m_{100}^{(22)}(m_{010}^{(21)})^2m_{301}^{(10)} + m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(21)}\\
&-m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{121}^{(10)} - m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{310}^{(21)} - m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{220}^{(20)}\\
&+m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{211}^{(10)} + m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{121}^{(00)} + m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(11)}m_{310}^{(20)}\\
&-m_{100}^{(22)}m_{010}^{(21)}m_{001}^{(11)}m_{211}^{(00)} - m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{121}^{(11)} + m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{031}^{(10)}\\
&+m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{211}^{(11)} - m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{121}^{(10)} + m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(20)}m_{130}^{(11)}\\
&-m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(20)}m_{040}^{(10)} - m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(21)}m_{220}^{(11)} + m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(21)}m_{130}^{(10)}\\
&+m_{100}^{(22)}(m_{001}^{(10)})^2m_{211}^{(11)} - m_{100}^{(22)}(m_{001}^{(10)})^2m_{031}^{(00)} - m_{100}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{301}^{(11)}\\
&-m_{100}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{211}^{(10)} + 2m_{100}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{121}^{(00)} - m_{100}^{(22)}m_{001}^{(10)}m_{001}^{(20)}m_{220}^{(11)}\\
&+m_{100}^{(22)}m_{001}^{(10)}m_{001}^{(20)}m_{040}^{(00)} + m_{100}^{(22)}m_{001}^{(10)}m_{001}^{(21)}m_{310}^{(11)} - m_{100}^{(22)}m_{001}^{(10)}m_{001}^{(21)}m_{130}^{(00)}\\
&+m_{100}^{(22)}(m_{001}^{(11)})^2m_{301}^{(10)} - m_{100}^{(22)}(m_{001}^{(11)})^2m_{211}^{(00)} + m_{100}^{(22)}m_{001}^{(11)}m_{001}^{(20)}m_{220}^{(10)}\\
&-m_{100}^{(22)}m_{001}^{(11)}m_{001}^{(20)}m_{130}^{(00)} - m_{100}^{(22)}m_{001}^{(11)}m_{001}^{(21)}m_{310}^{(10)} + m_{100}^{(22)}m_{001}^{(11)}m_{001}^{(21)}m_{220}^{(00)}\\
&+(m_{010}^{(00)})^2m_{010}^{(11)}m_{103}^{(22)} - (m_{010}^{(00)})^2m_{010}^{(11)}m_{004}^{(20)} - (m_{010}^{(00)})^2m_{010}^{(21)}m_{112}^{(22)}\\
&-(m_{010}^{(00)})^2m_{010}^{(21)}m_{103}^{(21)} + (m_{010}^{(00)})^2m_{010}^{(21)}m_{013}^{(20)} + (m_{010}^{(00)})^2m_{010}^{(21)}m_{004}^{(10)}\\
&+(m_{010}^{(00)})^2m_{010}^{(22)}m_{112}^{(21)} - (m_{010}^{(00)})^2m_{010}^{(22)}m_{013}^{(10)} - (m_{010}^{(00)})^2m_{001}^{(11)}m_{112}^{(22)}\\
&+(m_{010}^{(00)})^2m_{001}^{(11)}m_{013}^{(20)} + (m_{010}^{(00)})^2m_{001}^{(21)}m_{121}^{(22)} + (m_{010}^{(00)})^2m_{001}^{(21)}m_{112}^{(21)}\\
&-(m_{010}^{(00)})^2m_{001}^{(21)}m_{022}^{(20)} - (m_{010}^{(00)})^2m_{001}^{(21)}m_{013}^{(10)} - (m_{010}^{(00)})^2m_{001}^{(22)}m_{121}^{(21)}\\
&+(m_{010}^{(00)})^2m_{001}^{(22)}m_{022}^{(10)} - m_{010}^{(00)}(m_{010}^{(10)})^2m_{103}^{(22)} + m_{010}^{(00)}(m_{010}^{(10)})^2m_{004}^{(20)}\\
&+m_{010}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{112}^{(22)} + m_{010}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{103}^{(21)} - m_{010}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{013}^{(20)}\\
&-m_{010}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{004}^{(10)} + m_{010}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{202}^{(22)} - m_{010}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{004}^{(00)}\\
&-m_{010}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{202}^{(21)} - m_{010}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{112}^{(20)} + m_{010}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{103}^{(10)}\\
&+m_{010}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{013}^{(00)} + 2m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{112}^{(22)} - 2m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{013}^{(20)}\\
&+m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{202}^{(22)} - m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{103}^{(20)} - m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{121}^{(22)}\\
&-m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{112}^{(21)} + m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{022}^{(20)} + m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{013}^{(10)}\\
&-2m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{211}^{(22)} - m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{202}^{(21)} + m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{112}^{(20)}
\end{aligned}
$$

$$+m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{103}^{(10)}+m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{013}^{(00)}+2m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{211}^{(21)}$$
$$+m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{121}^{(20)}-2m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{112}^{(10)}-m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{022}^{(00)}$$
$$-3m_{010}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{202}^{(22)}+2m_{010}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{103}^{(20)}+m_{010}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{004}^{(00)}$$
$$+m_{010}^{(00)}m_{010}^{(11)}m_{010}^{(22)}m_{301}^{(22)}-m_{010}^{(00)}m_{010}^{(11)}m_{010}^{(22)}m_{103}^{(00)}-m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{112}^{(22)}$$
$$-m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{103}^{(21)}+2m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{013}^{(20)}+m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{211}^{(22)}$$
$$+2m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{202}^{(21)}-2m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{112}^{(20)}-m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{013}^{(00)}$$
$$-m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(22)}m_{301}^{(21)}+m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(22)}m_{112}^{(00)}-m_{010}^{(00)}(m_{010}^{(20)})^2m_{112}^{(21)}$$
$$+m_{010}^{(00)}(m_{010}^{(20)})^2m_{013}^{(10)}+2m_{010}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{211}^{(22)}+3m_{010}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{202}^{(21)}$$
$$-m_{010}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{112}^{(20)}-3m_{010}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{103}^{(10)}-m_{010}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{013}^{(00)}$$
$$-2m_{010}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{211}^{(21)}+2m_{010}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{112}^{(10)}-m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{121}^{(22)}$$
$$-m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{112}^{(21)}+m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{022}^{(20)}+m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{013}^{(10)}$$
$$+2m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{211}^{(22)}-m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{112}^{(20)}-m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{013}^{(00)}$$
$$+2m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(20)}m_{121}^{(21)}-2m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(20)}m_{022}^{(10)}-m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{220}^{(22)}$$
$$-2m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{211}^{(21)}+2m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{112}^{(10)}+m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{022}^{(00)}$$
$$+m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{220}^{(21)}-m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{121}^{(10)}-m_{010}^{(00)}(m_{010}^{(21)})^2m_{202}^{(20)}$$
$$+m_{010}^{(00)}(m_{010}^{(21)})^2m_{103}^{(00)}-m_{010}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{310}^{(22)}-m_{010}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{301}^{(21)}$$
$$+m_{010}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{211}^{(20)}+m_{010}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{202}^{(10)}+m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{121}^{(22)}$$
$$+2m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{112}^{(21)}+m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{103}^{(11)}-2m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{022}^{(20)}$$
$$-2m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{013}^{(10)}-m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{211}^{(22)}+m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{013}^{(00)}$$
$$-m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{301}^{(22)}+m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{202}^{(20)}-3m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{211}^{(21)}$$
$$-2m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{202}^{(11)}+m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{121}^{(20)}+3m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{112}^{(10)}$$
$$+m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{022}^{(00)}+m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(21)}m_{310}^{(22)}+m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(21)}m_{301}^{(21)}$$
$$+m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(21)}m_{211}^{(20)}-m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(21)}m_{202}^{(10)}-2m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(21)}m_{112}^{(00)}$$
$$+m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{301}^{(11)}-m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{220}^{(20)}+m_{010}^{(00)}(m_{010}^{(22)})^2m_{310}^{(21)}$$
$$-m_{010}^{(00)}(m_{010}^{(22)})^2m_{211}^{(10)}-m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(00)}m_{121}^{(21)}-m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(00)}m_{112}^{(11)}$$
$$+2m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(00)}m_{022}^{(10)}+m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{211}^{(21)}+m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{121}^{(20)}$$
$$-m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{112}^{(10)}-m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{022}^{(00)}-m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(11)}m_{211}^{(20)}$$
$$+m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(11)}m_{112}^{(00)}+2m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{211}^{(11)}-2m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{121}^{(10)}$$
$$-m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(22)}m_{310}^{(11)}+m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(22)}m_{220}^{(10)}+m_{010}^{(00)}m_{001}^{(00)}m_{001}^{(11)}m_{121}^{(22)}$$
$$+m_{010}^{(00)}m_{001}^{(00)}m_{001}^{(11)}m_{112}^{(21)}-2m_{010}^{(00)}m_{001}^{(00)}m_{001}^{(11)}m_{022}^{(20)}-m_{010}^{(00)}m_{001}^{(00)}m_{001}^{(21)}m_{130}^{(22)}$$
$$-2m_{010}^{(00)}m_{001}^{(00)}m_{001}^{(21)}m_{121}^{(21)}-m_{010}^{(00)}m_{001}^{(00)}m_{001}^{(21)}m_{112}^{(11)}+2m_{010}^{(00)}m_{001}^{(00)}m_{001}^{(21)}m_{031}^{(20)}$$
$$+2m_{010}^{(00)}m_{001}^{(00)}m_{001}^{(21)}m_{022}^{(10)}+m_{010}^{(00)}m_{001}^{(00)}m_{001}^{(22)}m_{130}^{(21)}+m_{010}^{(00)}m_{001}^{(00)}m_{001}^{(22)}m_{121}^{(11)}$$
$$-2m_{010}^{(00)}m_{001}^{(00)}m_{001}^{(22)}m_{031}^{(10)}-m_{010}^{(00)}(m_{001}^{(10)})^2m_{121}^{(22)}+m_{010}^{(00)}(m_{001}^{(10)})^2m_{022}^{(20)}$$
$$-m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{202}^{(21)}+m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{112}^{(20)}+m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{130}^{(22)}$$
$$+m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{121}^{(21)}-m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{031}^{(20)}-m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{022}^{(10)}$$
$$+m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{220}^{(22)}+m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{211}^{(21)}+m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{202}^{(11)}$$
$$-m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{121}^{(20)}-m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{112}^{(10)}-m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{022}^{(00)}$$
$$-m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{220}^{(21)}-m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{211}^{(11)}-m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{130}^{(20)}$$

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\begin{aligned}
&+2m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{121}^{(10)}+m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{031}^{(00)}-m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{220}^{(22)}\\
&-m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{211}^{(21)}+m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{121}^{(20)}+m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{022}^{(00)}\\
&+m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{301}^{(21)}-m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{211}^{(20)}+m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{220}^{(20)}\\
&-m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{121}^{(00)}-m_{010}^{(00)}(m_{001}^{(20)})^2m_{130}^{(21)}+m_{010}^{(00)}(m_{001}^{(20)})^2m_{031}^{(10)}\\
&+2m_{010}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{220}^{(21)}+m_{010}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{211}^{(11)}-2m_{010}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{121}^{(10)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{031}^{(00)}-m_{010}^{(00)}m_{001}^{(20)}m_{001}^{(22)}m_{220}^{(11)}+m_{010}^{(00)}m_{001}^{(20)}m_{001}^{(22)}m_{130}^{(10)}\\
&-m_{010}^{(00)}(m_{001}^{(21)})^2m_{310}^{(21)}-m_{010}^{(00)}(m_{001}^{(21)})^2m_{301}^{(11)}+m_{010}^{(00)}(m_{001}^{(21)})^2m_{211}^{(10)}\\
&+m_{010}^{(00)}(m_{001}^{(21)})^2m_{121}^{(00)}+m_{010}^{(00)}m_{001}^{(21)}m_{001}^{(22)}m_{310}^{(11)}-m_{010}^{(00)}m_{001}^{(21)}m_{001}^{(22)}m_{220}^{(10)}\\
&+2(m_{010}^{(10)})^2m_{010}^{(20)}m_{202}^{(22)}-2(m_{010}^{(10)})^2m_{010}^{(20)}m_{103}^{(20)}-(m_{010}^{(10)})^2m_{010}^{(22)}m_{301}^{(22)}\\
&+(m_{010}^{(10)})^2m_{010}^{(22)}m_{202}^{(20)}+(m_{010}^{(10)})^2m_{001}^{(00)}m_{103}^{(21)}-(m_{010}^{(10)})^2m_{001}^{(00)}m_{013}^{(20)}\\
&-2(m_{010}^{(10)})^2m_{001}^{(10)}m_{202}^{(22)}+2(m_{010}^{(10)})^2m_{001}^{(10)}m_{103}^{(20)}+(m_{010}^{(10)})^2m_{001}^{(20)}m_{211}^{(22)}\\
&-(m_{010}^{(10)})^2m_{001}^{(20)}m_{202}^{(21)}+(m_{010}^{(10)})^2m_{001}^{(20)}m_{112}^{(20)}-(m_{010}^{(10)})^2m_{001}^{(20)}m_{103}^{(10)}\\
&+(m_{010}^{(10)})^2m_{001}^{(21)}m_{301}^{(22)}-(m_{010}^{(10)})^2m_{001}^{(21)}m_{103}^{(00)}-2(m_{010}^{(10)})^2m_{001}^{(22)}m_{211}^{(20)}\\
&+(m_{010}^{(10)})^2m_{001}^{(22)}m_{202}^{(10)}+(m_{010}^{(10)})^2m_{001}^{(22)}m_{112}^{(00)}+m_{010}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{202}^{(22)}\\
&-m_{010}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{103}^{(20)}-m_{010}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{301}^{(22)}+m_{010}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{103}^{(00)}\\
&+m_{010}^{(10)}m_{010}^{(11)}m_{001}^{(22)}m_{301}^{(20)}-m_{010}^{(10)}m_{010}^{(11)}m_{001}^{(22)}m_{202}^{(00)}-2m_{010}^{(10)}(m_{010}^{(20)})^2m_{211}^{(22)}\\
&-2m_{010}^{(10)}(m_{010}^{(20)})^2m_{202}^{(21)}+2m_{010}^{(10)}(m_{010}^{(20)})^2m_{112}^{(20)}+2m_{010}^{(10)}(m_{010}^{(20)})^2m_{103}^{(10)}\\
&-2m_{010}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{301}^{(22)}+2m_{010}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{103}^{(00)}+m_{010}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{310}^{(22)}\\
&+3m_{010}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{301}^{(21)}+m_{010}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{211}^{(20)}-3m_{010}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{202}^{(10)}\\
&-2m_{010}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{112}^{(00)}-m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{112}^{(21)}-m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{103}^{(11)}\\
&+m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{022}^{(20)}+m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{013}^{(10)}-m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{211}^{(22)}\\
&+m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{202}^{(21)}+m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{112}^{(20)}-m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{103}^{(10)}\\
&-m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{301}^{(22)}+m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{103}^{(00)}+m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{220}^{(22)}\\
&+m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{211}^{(21)}+2m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{202}^{(11)}-3m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{121}^{(20)}\\
&-m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{112}^{(10)}+m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{310}^{(22)}+m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{301}^{(21)}\\
&+m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{211}^{(20)}-m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{202}^{(10)}-2m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{112}^{(00)}\\
&-2m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{310}^{(21)}-m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{301}^{(11)}+2m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{211}^{(10)}\\
&+m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{121}^{(00)}+m_{010}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{400}^{(22)}-m_{010}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{202}^{(00)}\\
&-m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{211}^{(22)}-2m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{202}^{(21)}+2m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{112}^{(20)}\\
&+m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{013}^{(00)}+3m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{301}^{(22)}-2m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{202}^{(20)}\\
&-m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{103}^{(00)}-m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{310}^{(22)}+2m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{301}^{(21)}\\
&+2m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{202}^{(10)}-3m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{112}^{(00)}-m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(21)}m_{400}^{(22)}\\
&-2m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(21)}m_{301}^{(20)}+3m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(21)}m_{202}^{(00)}+2m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{310}^{(20)}\\
&-2m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{301}^{(10)}-m_{010}^{(10)}(m_{010}^{(22)})^2m_{400}^{(21)}-m_{010}^{(10)}(m_{010}^{(22)})^2m_{310}^{(20)}\\
&+m_{010}^{(10)}(m_{010}^{(22)})^2m_{301}^{(10)}+m_{010}^{(10)}(m_{010}^{(22)})^2m_{211}^{(00)}+m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{211}^{(21)}\\
&+m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{202}^{(11)}-m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{112}^{(00)}-m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{022}^{(00)}\\
&-m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{301}^{(21)}-m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{211}^{(20)}+m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{202}^{(10)}\\
&+m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{112}^{(00)}+m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(11)}m_{301}^{(20)}-m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(11)}m_{202}^{(00)}
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&-2m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{301}^{(11)}+2m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{121}^{(00)}+m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(22)}m_{400}^{(11)}\\
&-m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(22)}m_{220}^{(00)}-2m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(10)}m_{112}^{(21)}+2m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(10)}m_{022}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{211}^{(22)}+2m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{112}^{(20)}+m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(20)}m_{121}^{(21)}\\
&+m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(20)}m_{112}^{(11)}-m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(20)}m_{031}^{(20)}-m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(20)}m_{022}^{(10)}\\
&+2m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{220}^{(22)}+3m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{211}^{(21)}-3m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{121}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{112}^{(10)}-m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{022}^{(00)}-2m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{220}^{(21)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{211}^{(11)}+2m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{121}^{(10)}+m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{031}^{(00)}\\
&+2m_{010}^{(10)}(m_{001}^{(10)})^2m_{211}^{(22)}+2m_{010}^{(10)}(m_{001}^{(10)})^2m_{202}^{(21)}-4m_{010}^{(10)}(m_{001}^{(10)})^2m_{112}^{(20)}\\
&-2m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{220}^{(22)}-m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{211}^{(21)}-m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{202}^{(11)}\\
&+m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{121}^{(20)}+3m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{112}^{(10)}-2m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{310}^{(22)}\\
&-3m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{301}^{(11)}+3m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{211}^{(20)}-m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{202}^{(10)}\\
&+3m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{112}^{(00)}+2m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{310}^{(21)}+m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{301}^{(11)}\\
&+2m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{220}^{(20)}-2m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{211}^{(10)}-3m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{121}^{(00)}\\
&+2m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{310}^{(22)}-2m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{112}^{(00)}-2m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{310}^{(20)}\\
&+2m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{211}^{(00)}+m_{010}^{(10)}(m_{001}^{(20)})^2m_{220}^{(21)}-m_{010}^{(10)}(m_{001}^{(20)})^2m_{211}^{(11)}\\
&+m_{010}^{(10)}(m_{001}^{(20)})^2m_{130}^{(20)}-m_{010}^{(10)}(m_{001}^{(20)})^2m_{121}^{(10)}-2m_{010}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{310}^{(21)}\\
&+m_{010}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{301}^{(11)}-2m_{010}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{220}^{(20)}+3m_{010}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{121}^{(00)}\\
&+m_{010}^{(10)}m_{001}^{(20)}m_{001}^{(22)}m_{310}^{(11)}-m_{010}^{(10)}m_{001}^{(20)}m_{001}^{(22)}m_{130}^{(00)}+m_{010}^{(10)}(m_{001}^{(21)})^2m_{400}^{(21)}\\
&+m_{010}^{(10)}(m_{001}^{(21)})^2m_{310}^{(20)}+m_{010}^{(10)}(m_{001}^{(21)})^2m_{301}^{(10)}-3m_{010}^{(10)}(m_{001}^{(21)})^2m_{211}^{(00)}\\
&-m_{010}^{(10)}m_{001}^{(21)}m_{001}^{(22)}m_{400}^{(11)}+m_{010}^{(10)}m_{001}^{(21)}m_{001}^{(22)}m_{220}^{(00)}+2m_{010}^{(11)}(m_{010}^{(20)})^2m_{301}^{(22)}\\
&-2m_{010}^{(11)}(m_{010}^{(20)})^2m_{103}^{(00)}-m_{010}^{(11)}m_{010}^{(20)}m_{010}^{(22)}m_{400}^{(22)}-2m_{010}^{(11)}m_{010}^{(20)}m_{010}^{(22)}m_{301}^{(20)}\\
&+3m_{010}^{(11)}m_{010}^{(20)}m_{010}^{(22)}m_{202}^{(00)}+m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{211}^{(22)}+m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{202}^{(21)}\\
&-2m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{112}^{(20)}+m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{103}^{(10)}-m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{013}^{(00)}\\
&-m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{310}^{(22)}-2m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{301}^{(21)}+2m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{211}^{(20)}\\
&-2m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{202}^{(10)}+3m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{112}^{(00)}+m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{400}^{(21)}\\
&+m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{301}^{(10)}-2m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{211}^{(00)}-m_{010}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{301}^{(22)}\\
&+m_{010}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{202}^{(20)}+m_{010}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{400}^{(22)}-m_{010}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{202}^{(00)}\\
&-m_{010}^{(11)}m_{010}^{(21)}m_{001}^{(22)}m_{400}^{(20)}+m_{010}^{(11)}m_{010}^{(21)}m_{001}^{(22)}m_{301}^{(00)}+m_{010}^{(11)}(m_{010}^{(22)})^2m_{400}^{(20)}\\
&-m_{010}^{(11)}(m_{010}^{(22)})^2m_{301}^{(00)}-m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{202}^{(10)}+m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{112}^{(00)}\\
&+2m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{301}^{(10)}-2m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{211}^{(00)}-m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(22)}m_{400}^{(10)}\\
&+m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(22)}m_{310}^{(00)}+m_{010}^{(11)}(m_{001}^{(00)})^2m_{112}^{(21)}-m_{010}^{(11)}(m_{001}^{(00)})^2m_{022}^{(20)}\\
&-m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{202}^{(21)}+m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{112}^{(20)}+m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{301}^{(22)}\\
&-m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{202}^{(20)}-2m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{211}^{(21)}+2m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{121}^{(20)}\\
&-m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{112}^{(10)}+m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{022}^{(00)}-m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{310}^{(22)}\\
&+m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{202}^{(10)}+m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{310}^{(21)}-m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{121}^{(00)}\\
&-m_{010}^{(11)}(m_{001}^{(10)})^2m_{301}^{(22)}+m_{010}^{(11)}(m_{001}^{(10)})^2m_{202}^{(20)}+m_{010}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{310}^{(22)}\\
&+2m_{010}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{301}^{(21)}-2m_{010}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{211}^{(20)}-m_{010}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{112}^{(00)}\\
&+m_{010}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{400}^{(22)}-m_{010}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{202}^{(00)}-m_{010}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{400}^{(21)}
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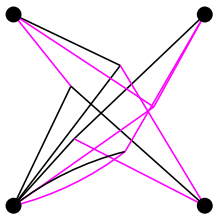
\begin{aligned}
&-m_{010}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{310}^{(20)} + 2m_{010}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{211}^{(00)} - m_{010}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{400}^{(22)}\\
&+m_{010}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{202}^{(00)} + m_{010}^{(11)}m_{001}^{(11)}m_{001}^{(22)}m_{400}^{(20)} - m_{010}^{(11)}m_{001}^{(11)}m_{001}^{(22)}m_{301}^{(00)}\\
&-m_{010}^{(11)}(m_{001}^{(20)})^2m_{220}^{(20)} + 2m_{010}^{(11)}(m_{001}^{(20)})^2m_{211}^{(10)} - m_{010}^{(11)}(m_{001}^{(20)})^2m_{121}^{(00)}\\
&+2m_{010}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{310}^{(20)} - 2m_{010}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{301}^{(10)} - m_{010}^{(11)}m_{001}^{(20)}m_{001}^{(22)}m_{310}^{(10)}\\
&+m_{010}^{(11)}m_{001}^{(20)}m_{001}^{(22)}m_{220}^{(00)} - m_{010}^{(11)}(m_{001}^{(21)})^2m_{400}^{(20)} + m_{010}^{(11)}(m_{001}^{(21)})^2m_{301}^{(00)}\\
&+m_{010}^{(11)}m_{001}^{(21)}m_{001}^{(22)}m_{400}^{(10)} - m_{010}^{(11)}m_{001}^{(21)}m_{001}^{(22)}m_{310}^{(00)} + 2(m_{010}^{(20)})^3m_{211}^{(21)}\\
&-2(m_{010}^{(20)})^3m_{112}^{(10)} - 2(m_{010}^{(20)})^2m_{010}^{(21)}m_{301}^{(21)} - 2(m_{010}^{(20)})^2m_{010}^{(21)}m_{211}^{(20)}\\
&+2(m_{010}^{(20)})^2m_{010}^{(21)}m_{202}^{(10)} + 2(m_{010}^{(20)})^2m_{010}^{(21)}m_{112}^{(00)} - (m_{010}^{(20)})^2m_{010}^{(22)}m_{310}^{(21)}\\
&+(m_{010}^{(20)})^2m_{010}^{(22)}m_{211}^{(10)} + (m_{010}^{(20)})^2m_{001}^{(00)}m_{112}^{(11)} - (m_{010}^{(20)})^2m_{001}^{(00)}m_{022}^{(10)}\\
&+(m_{010}^{(20)})^2m_{001}^{(10)}m_{220}^{(22)} + (m_{010}^{(20)})^2m_{001}^{(10)}m_{211}^{(21)} - (m_{010}^{(20)})^2m_{001}^{(10)}m_{121}^{(20)}\\
&-(m_{010}^{(20)})^2m_{001}^{(10)}m_{112}^{(10)} - (m_{010}^{(20)})^2m_{001}^{(11)}m_{310}^{(22)} + (m_{010}^{(20)})^2m_{001}^{(11)}m_{112}^{(00)}\\
&-2(m_{010}^{(20)})^2m_{001}^{(20)}m_{220}^{(21)} - 2(m_{010}^{(20)})^2m_{001}^{(20)}m_{211}^{(11)} + 4(m_{010}^{(20)})^2m_{001}^{(20)}m_{121}^{(10)}\\
&+(m_{010}^{(20)})^2m_{001}^{(21)}m_{310}^{(21)} + (m_{010}^{(20)})^2m_{001}^{(21)}m_{220}^{(20)} - (m_{010}^{(20)})^2m_{001}^{(21)}m_{211}^{(10)}\\
&-(m_{010}^{(20)})^2m_{001}^{(21)}m_{121}^{(00)} + (m_{010}^{(20)})^2m_{001}^{(22)}m_{310}^{(11)} - (m_{010}^{(20)})^2m_{001}^{(22)}m_{220}^{(10)}\\
&+2m_{010}^{(20)}(m_{010}^{(21)})^2m_{301}^{(20)} - 2m_{010}^{(20)}(m_{010}^{(21)})^2m_{202}^{(00)} + m_{010}^{(20)}m_{010}^{(21)}m_{010}^{(22)}m_{400}^{(21)}\\
&+m_{010}^{(20)}m_{010}^{(21)}m_{010}^{(22)}m_{310}^{(20)} - m_{010}^{(20)}m_{010}^{(21)}m_{010}^{(22)}m_{301}^{(10)} - m_{010}^{(20)}m_{010}^{(21)}m_{010}^{(22)}m_{211}^{(00)}\\
&-m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{220}^{(22)} - m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{211}^{(21)} - m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{202}^{(11)}\\
&+m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{121}^{(20)} + m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{112}^{(10)} + m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{022}^{(00)}\\
&-m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{301}^{(21)} + m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{211}^{(20)} + m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{202}^{(10)}\\
&-m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{112}^{(00)} + m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{400}^{(22)} - m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{202}^{(00)}\\
&+3m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{310}^{(21)} + 2m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{301}^{(11)} + m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{220}^{(20)}\\
&-3m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{211}^{(10)} - 3m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{121}^{(00)} - m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(21)}m_{400}^{(21)}\\
&-3m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(21)}m_{310}^{(20)} + m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(21)}m_{301}^{(10)} + 3m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(21)}m_{211}^{(00)}\\
&-m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(22)}m_{400}^{(11)} + m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(22)}m_{220}^{(00)} + m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(00)}m_{220}^{(21)}\\
&-m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(00)}m_{121}^{(10)} - m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{310}^{(21)} - m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{220}^{(20)}\\
&+m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{211}^{(10)} + m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{121}^{(00)} + m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(11)}m_{310}^{(20)}\\
&-m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(11)}m_{211}^{(00)} + m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{121}^{(21)} + m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{112}^{(11)}\\
&-m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{031}^{(20)} - m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{022}^{(10)} - m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{211}^{(21)}\\
&+m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{121}^{(20)} - m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{112}^{(10)} + m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{022}^{(00)}\\
&-2m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(20)}m_{121}^{(11)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(20)}m_{031}^{(10)} + m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{211}^{(11)}\\
&-m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{031}^{(00)} - m_{010}^{(20)}(m_{001}^{(10)})^2m_{211}^{(21)} - m_{010}^{(20)}(m_{001}^{(10)})^2m_{202}^{(11)}\\
&+m_{010}^{(20)}(m_{001}^{(10)})^2m_{121}^{(20)} + m_{010}^{(20)}(m_{001}^{(10)})^2m_{112}^{(10)} + m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{301}^{(21)}\\
&-m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{211}^{(20)} + m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{202}^{(10)} - m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{112}^{(00)}\\
&-m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{220}^{(21)} + m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{211}^{(11)} + m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{130}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{121}^{(10)} + m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{310}^{(21)} - m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{220}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{211}^{(10)} + m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{121}^{(00)} + m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{310}^{(21)}\\
&-m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{220}^{(20)} + m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{211}^{(10)} - m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{121}^{(00)}\\
&-m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{400}^{(21)} + m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{310}^{(20)} - m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{301}^{(10)}
\end{aligned}
$$

$$+m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{211}^{(00)}+2m_{010}^{(20)}(m_{001}^{(20)})^2m_{220}^{(11)}-2m_{010}^{(20)}(m_{001}^{(20)})^2m_{130}^{(10)}$$
$$-3m_{010}^{(20)}m_{001}^{(20)}m_{001}^{(21)}m_{310}^{(11)}+2m_{010}^{(20)}m_{001}^{(20)}m_{001}^{(21)}m_{220}^{(10)}+m_{010}^{(20)}m_{001}^{(20)}m_{001}^{(21)}m_{130}^{(00)}$$
$$+m_{010}^{(20)}(m_{001}^{(21)})^2m_{400}^{(11)}-m_{010}^{(20)}(m_{001}^{(21)})^2m_{220}^{(00)}-(m_{010}^{(21)})^2m_{010}^{(22)}m_{400}^{(20)}$$
$$+(m_{010}^{(21)})^2m_{010}^{(22)}m_{301}^{(00)}+(m_{010}^{(21)})^2m_{001}^{(00)}m_{310}^{(22)}+(m_{010}^{(21)})^2m_{001}^{(00)}m_{301}^{(21)}$$
$$-(m_{010}^{(21)})^2m_{001}^{(00)}m_{211}^{(20)}-(m_{010}^{(21)})^2m_{001}^{(00)}m_{112}^{(00)}-(m_{010}^{(21)})^2m_{001}^{(10)}m_{400}^{(22)}$$
$$+(m_{010}^{(21)})^2m_{001}^{(10)}m_{202}^{(00)}-(m_{010}^{(21)})^2m_{001}^{(20)}m_{400}^{(21)}-(m_{010}^{(21)})^2m_{001}^{(20)}m_{310}^{(20)}$$
$$-(m_{010}^{(21)})^2m_{001}^{(20)}m_{301}^{(10)}+3(m_{010}^{(21)})^2m_{001}^{(20)}m_{211}^{(00)}+2(m_{010}^{(21)})^2m_{001}^{(21)}m_{400}^{(20)}$$
$$-2(m_{010}^{(21)})^2m_{001}^{(21)}m_{301}^{(00)}+(m_{010}^{(21)})^2m_{001}^{(22)}m_{400}^{(10)}-(m_{010}^{(21)})^2m_{001}^{(22)}m_{310}^{(00)}$$
$$-m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{310}^{(21)}+m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{211}^{(10)}+m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(10)}m_{400}^{(21)}$$
$$+m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(10)}m_{310}^{(20)}-m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(10)}m_{301}^{(10)}-m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(10)}m_{211}^{(00)}$$
$$-m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(11)}m_{400}^{(20)}+m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(11)}m_{301}^{(00)}-m_{010}^{(21)}(m_{001}^{(00)})^2m_{121}^{(21)}$$
$$-m_{010}^{(21)}(m_{001}^{(00)})^2m_{112}^{(11)}+m_{010}^{(21)}(m_{001}^{(00)})^2m_{031}^{(20)}+m_{010}^{(21)}(m_{001}^{(00)})^2m_{022}^{(10)}$$
$$+2m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{211}^{(21)}+m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{202}^{(11)}-2m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{121}^{(20)}$$
$$-m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{022}^{(00)}+m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{220}^{(21)}+2m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{211}^{(11)}$$
$$-m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{130}^{(20)}-m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{121}^{(10)}-m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{031}^{(00)}$$
$$-m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{310}^{(21)}-m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{301}^{(11)}+m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{220}^{(20)}$$
$$-m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{211}^{(10)}+2m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{121}^{(00)}-m_{010}^{(21)}(m_{001}^{(10)})^2m_{301}^{(21)}$$
$$+m_{010}^{(21)}(m_{001}^{(10)})^2m_{211}^{(20)}-m_{010}^{(21)}(m_{001}^{(10)})^2m_{202}^{(10)}+m_{010}^{(21)}(m_{001}^{(10)})^2m_{112}^{(00)}$$
$$-m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{310}^{(21)}-m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{301}^{(11)}+m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{220}^{(20)}$$
$$-m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{211}^{(10)}+2m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{121}^{(00)}+m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{400}^{(21)}$$
$$-m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{310}^{(20)}+3m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{301}^{(10)}-3m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{211}^{(00)}$$
$$-m_{010}^{(21)}(m_{001}^{(20)})^2m_{310}^{(11)}+m_{010}^{(21)}(m_{001}^{(20)})^2m_{130}^{(00)}+m_{010}^{(21)}m_{001}^{(20)}m_{001}^{(21)}m_{400}^{(11)}$$
$$+2m_{010}^{(21)}m_{001}^{(20)}m_{001}^{(21)}m_{310}^{(10)}-3m_{010}^{(21)}m_{001}^{(20)}m_{001}^{(21)}m_{220}^{(00)}-2m_{010}^{(21)}(m_{001}^{(21)})^2m_{400}^{(10)}$$
$$+2m_{010}^{(21)}(m_{001}^{(21)})^2m_{310}^{(00)}+m_{010}^{(22)}(m_{001}^{(00)})^2m_{121}^{(11)}-m_{010}^{(22)}(m_{001}^{(00)})^2m_{031}^{(10)}$$
$$-2m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{211}^{(11)}+m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{121}^{(10)}+m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{031}^{(00)}$$
$$+m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{211}^{(10)}-m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{121}^{(00)}-m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(20)}m_{220}^{(11)}$$
$$+m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(20)}m_{130}^{(10)}+m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(21)}m_{310}^{(11)}-m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(21)}m_{220}^{(10)}$$
$$+m_{010}^{(22)}(m_{001}^{(10)})^2m_{301}^{(11)}-m_{010}^{(22)}(m_{001}^{(10)})^2m_{121}^{(00)}-m_{010}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{301}^{(10)}$$
$$+m_{010}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{211}^{(00)}+m_{010}^{(22)}m_{001}^{(10)}m_{001}^{(20)}m_{310}^{(11)}-m_{010}^{(22)}m_{001}^{(10)}m_{001}^{(20)}m_{130}^{(00)}$$
$$-m_{010}^{(22)}m_{001}^{(10)}m_{001}^{(21)}m_{400}^{(11)}+m_{010}^{(22)}m_{001}^{(10)}m_{001}^{(21)}m_{220}^{(00)}-m_{010}^{(22)}m_{001}^{(11)}m_{001}^{(20)}m_{310}^{(10)}$$
$$+m_{010}^{(22)}m_{001}^{(11)}m_{001}^{(20)}m_{220}^{(00)}+m_{010}^{(22)}m_{001}^{(11)}m_{001}^{(21)}m_{400}^{(10)}-m_{010}^{(22)}m_{001}^{(11)}m_{001}^{(21)}m_{310}^{(00)}$$
$$-(m_{001}^{(00)})^2m_{001}^{(11)}m_{121}^{(21)}+(m_{001}^{(00)})^2m_{001}^{(11)}m_{031}^{(20)}+(m_{001}^{(00)})^2m_{001}^{(21)}m_{130}^{(21)}$$
$$+(m_{001}^{(00)})^2m_{001}^{(21)}m_{121}^{(11)}-(m_{001}^{(00)})^2m_{001}^{(21)}m_{040}^{(20)}-(m_{001}^{(00)})^2m_{001}^{(21)}m_{031}^{(10)}$$
$$-(m_{001}^{(00)})^2m_{001}^{(22)}m_{130}^{(11)}+(m_{001}^{(00)})^2m_{001}^{(22)}m_{040}^{(10)}+m_{001}^{(00)}(m_{001}^{(10)})^2m_{121}^{(21)}$$
$$-m_{001}^{(00)}(m_{001}^{(10)})^2m_{031}^{(20)}+2m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{211}^{(21)}-2m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{121}^{(20)}$$
$$-m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{130}^{(21)}-m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{121}^{(11)}+m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{040}^{(20)}$$
$$+m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{031}^{(10)}-3m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{220}^{(21)}-2m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{211}^{(11)}$$
$$+3m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{130}^{(20)}+m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{121}^{(10)}+m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{031}^{(00)}$$

$$
\begin{aligned}
&+3m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{220}^{(11)} - 2m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{130}^{(10)} - m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{040}^{(00)}\\
&-m_{001}^{(00)}(m_{001}^{(11)})^2m_{301}^{(21)} + m_{001}^{(00)}(m_{001}^{(11)})^2m_{211}^{(20)} + m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{220}^{(21)}\\
&-m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{130}^{(20)} + m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{121}^{(10)} - m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{031}^{(00)}\\
&+m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{310}^{(21)} + m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{301}^{(11)} - m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{220}^{(20)}\\
&-m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{211}^{(10)} - m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{310}^{(11)} + m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{130}^{(00)}\\
&+m_{001}^{(00)}(m_{001}^{(20)})^2m_{130}^{(11)} - m_{001}^{(00)}(m_{001}^{(20)})^2m_{040}^{(10)} - m_{001}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{220}^{(11)}\\
&+m_{001}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{040}^{(00)} + m_{001}^{(00)}(m_{001}^{(21)})^2m_{220}^{(10)} - m_{001}^{(00)}(m_{001}^{(21)})^2m_{130}^{(00)}\\
&-2(m_{001}^{(10)})^3m_{211}^{(21)} + 2(m_{001}^{(10)})^3m_{121}^{(20)} + (m_{001}^{(10)})^2m_{001}^{(11)}m_{301}^{(21)} - (m_{001}^{(10)})^2m_{001}^{(11)}m_{211}^{(20)}\\
&+2(m_{001}^{(10)})^2m_{001}^{(20)}m_{220}^{(21)} + 2(m_{001}^{(10)})^2m_{001}^{(20)}m_{211}^{(11)} - 2(m_{001}^{(10)})^2m_{001}^{(20)}m_{130}^{(20)}\\
&-2(m_{001}^{(10)})^2m_{001}^{(20)}m_{121}^{(10)} + 2(m_{001}^{(10)})^2m_{001}^{(21)}m_{310}^{(21)} - 2(m_{001}^{(10)})^2m_{001}^{(21)}m_{220}^{(20)}\\
&+2(m_{001}^{(10)})^2m_{001}^{(21)}m_{211}^{(10)} - 2(m_{001}^{(10)})^2m_{001}^{(21)}m_{121}^{(00)} - 2(m_{001}^{(10)})^2m_{001}^{(22)}m_{310}^{(11)}\\
&+2(m_{001}^{(10)})^2m_{001}^{(22)}m_{130}^{(00)} - 3m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{310}^{(21)} - m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{301}^{(11)}\\
&+3m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{220}^{(20)} - m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{211}^{(10)} + 2m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{121}^{(00)}\\
&-m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{400}^{(21)} + m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{310}^{(20)} - m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{301}^{(10)}\\
&+m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{211}^{(00)} + m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{400}^{(11)} + 2m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{310}^{(10)}\\
&-3m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{220}^{(00)} - 2m_{001}^{(10)}(m_{001}^{(20)})^2m_{220}^{(11)} + 2m_{001}^{(10)}(m_{001}^{(20)})^2m_{130}^{(10)}\\
&+2m_{001}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{310}^{(11)} - 2m_{001}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{130}^{(00)} - 2m_{001}^{(10)}(m_{001}^{(21)})^2m_{310}^{(10)}\\
&+2m_{001}^{(10)}(m_{001}^{(21)})^2m_{220}^{(00)} + (m_{001}^{(11)})^2m_{001}^{(20)}m_{400}^{(21)} - (m_{001}^{(11)})^2m_{001}^{(20)}m_{310}^{(20)}\\
&+(m_{001}^{(11)})^2m_{001}^{(20)}m_{301}^{(10)} - (m_{001}^{(11)})^2m_{001}^{(20)}m_{211}^{(00)} - (m_{001}^{(11)})^2m_{001}^{(22)}m_{400}^{(10)}\\
&+(m_{001}^{(11)})^2m_{001}^{(22)}m_{310}^{(00)} + m_{001}^{(11)}(m_{001}^{(20)})^2m_{310}^{(11)} - m_{001}^{(11)}(m_{001}^{(20)})^2m_{220}^{(10)}\\
&-m_{001}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{400}^{(11)} + m_{001}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{220}^{(00)} + m_{001}^{(11)}(m_{001}^{(21)})^2m_{400}^{(10)}\\
&-m_{001}^{(11)}(m_{001}^{(21)})^2m_{310}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{ccccc}
V1 & V1 & 1 & 1 & 1\\
1 & V2 & 2 & V2 & 3\\
V3 & V3 & V4 & 4 & V4
\end{array}
$$



$$
T_{158} = -m_{100}^{(00)}m_{100}^{(10)}m_{010}^{(11)}m_{013}^{(22)} + m_{100}^{(00)}m_{100}^{(10)}m_{010}^{(11)}m_{004}^{(21)} + 2m_{100}^{(00)}m_{100}^{(10)}m_{010}^{(21)}m_{022}^{(22)}
$$

$$
\begin{aligned}
&-2m_{100}^{(00)}m_{100}^{(10)}m_{010}^{(21)}m_{013}^{(21)} - m_{100}^{(00)}m_{100}^{(10)}m_{010}^{(22)}m_{031}^{(22)} + m_{100}^{(00)}m_{100}^{(10)}m_{010}^{(22)}m_{022}^{(21)}\\
&+m_{100}^{(00)}m_{100}^{(10)}m_{001}^{(11)}m_{022}^{(22)} - m_{100}^{(00)}m_{100}^{(10)}m_{001}^{(11)}m_{013}^{(21)} - 2m_{100}^{(00)}m_{100}^{(10)}m_{001}^{(21)}m_{031}^{(22)}\\
&+2m_{100}^{(00)}m_{100}^{(10)}m_{001}^{(21)}m_{022}^{(21)} + m_{100}^{(00)}m_{100}^{(10)}m_{001}^{(22)}m_{040}^{(22)} - m_{100}^{(00)}m_{100}^{(10)}m_{001}^{(22)}m_{031}^{(21)}\\
&+m_{100}^{(00)}(m_{100}^{(11)})^2m_{013}^{(22)} - m_{100}^{(00)}(m_{100}^{(11)})^2m_{004}^{(21)} - 3m_{100}^{(00)}m_{100}^{(11)}m_{100}^{(21)}m_{022}^{(22)}\\
&+2m_{100}^{(00)}m_{100}^{(11)}m_{100}^{(21)}m_{013}^{(21)} + m_{100}^{(00)}m_{100}^{(11)}m_{100}^{(21)}m_{004}^{(11)} + m_{100}^{(00)}m_{100}^{(11)}m_{100}^{(22)}m_{031}^{(22)}\\
&-m_{100}^{(00)}m_{100}^{(11)}m_{100}^{(22)}m_{013}^{(11)} - m_{100}^{(00)}m_{100}^{(11)}m_{010}^{(11)}m_{103}^{(22)} + m_{100}^{(00)}m_{100}^{(11)}m_{010}^{(11)}m_{004}^{(20)}\\
&+m_{100}^{(00)}m_{100}^{(11)}m_{010}^{(21)}m_{112}^{(22)} + m_{100}^{(00)}m_{100}^{(11)}m_{010}^{(21)}m_{103}^{(21)} - m_{100}^{(00)}m_{100}^{(11)}m_{010}^{(21)}m_{013}^{(20)}\\
&-m_{100}^{(00)}m_{100}^{(11)}m_{010}^{(21)}m_{004}^{(10)} - m_{100}^{(00)}m_{100}^{(11)}m_{010}^{(22)}m_{112}^{(21)} + m_{100}^{(00)}m_{100}^{(11)}m_{010}^{(22)}m_{013}^{(10)}\\
&-m_{100}^{(00)}m_{100}^{(11)}m_{001}^{(10)}m_{022}^{(22)} + 2m_{100}^{(00)}m_{100}^{(11)}m_{001}^{(10)}m_{013}^{(21)} - m_{100}^{(00)}m_{100}^{(11)}m_{001}^{(10)}m_{004}^{(11)}\\
&+m_{100}^{(00)}m_{100}^{(11)}m_{001}^{(11)}m_{103}^{(21)} - 2m_{100}^{(00)}m_{100}^{(11)}m_{001}^{(11)}m_{013}^{(20)} + m_{100}^{(00)}m_{100}^{(11)}m_{001}^{(11)}m_{004}^{(10)}\\
&+m_{100}^{(00)}m_{100}^{(11)}m_{001}^{(20)}m_{031}^{(22)} - 2m_{100}^{(00)}m_{100}^{(11)}m_{001}^{(20)}m_{022}^{(21)} + m_{100}^{(00)}m_{100}^{(11)}m_{001}^{(20)}m_{013}^{(11)}\\
&+m_{100}^{(00)}m_{100}^{(11)}m_{001}^{(21)}m_{121}^{(22)} - 3m_{100}^{(00)}m_{100}^{(11)}m_{001}^{(21)}m_{112}^{(21)} + 3m_{100}^{(00)}m_{100}^{(11)}m_{001}^{(21)}m_{022}^{(20)}\\
&-m_{100}^{(00)}m_{100}^{(11)}m_{001}^{(21)}m_{013}^{(10)} - m_{100}^{(00)}m_{100}^{(11)}m_{001}^{(22)}m_{130}^{(22)} + 2m_{100}^{(00)}m_{100}^{(11)}m_{001}^{(22)}m_{121}^{(21)}\\
&-m_{100}^{(00)}m_{100}^{(11)}m_{001}^{(22)}m_{031}^{(20)} + m_{100}^{(00)}m_{100}^{(20)}m_{010}^{(11)}m_{013}^{(21)} - m_{100}^{(00)}m_{100}^{(20)}m_{010}^{(11)}m_{004}^{(11)}\\
&-2m_{100}^{(00)}m_{100}^{(20)}m_{010}^{(21)}m_{022}^{(21)} + 2m_{100}^{(00)}m_{100}^{(20)}m_{010}^{(21)}m_{013}^{(11)} + m_{100}^{(00)}m_{100}^{(20)}m_{010}^{(22)}m_{031}^{(21)}\\
&-m_{100}^{(00)}m_{100}^{(20)}m_{010}^{(22)}m_{022}^{(11)} - m_{100}^{(00)}m_{100}^{(20)}m_{001}^{(11)}m_{022}^{(21)} + m_{100}^{(00)}m_{100}^{(20)}m_{001}^{(11)}m_{013}^{(11)}\\
&+2m_{100}^{(00)}m_{100}^{(20)}m_{001}^{(21)}m_{031}^{(21)} - 2m_{100}^{(00)}m_{100}^{(20)}m_{001}^{(21)}m_{022}^{(11)} - m_{100}^{(00)}m_{100}^{(20)}m_{001}^{(22)}m_{040}^{(21)}\\
&+m_{100}^{(00)}m_{100}^{(20)}m_{001}^{(22)}m_{031}^{(11)} + 2m_{100}^{(00)}(m_{100}^{(21)})^2m_{031}^{(22)} - 2m_{100}^{(00)}(m_{100}^{(21)})^2m_{013}^{(11)}\\
&-m_{100}^{(00)}m_{100}^{(21)}m_{100}^{(22)}m_{040}^{(22)} - 2m_{100}^{(00)}m_{100}^{(21)}m_{100}^{(22)}m_{031}^{(21)} + 3m_{100}^{(00)}m_{100}^{(21)}m_{100}^{(22)}m_{022}^{(11)}\\
&+m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(10)}m_{022}^{(22)} - 2m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(10)}m_{013}^{(21)} + m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(10)}m_{004}^{(11)}\\
&+2m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(11)}m_{112}^{(22)} - m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(11)}m_{013}^{(20)} - m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(11)}m_{004}^{(10)}\\
&-m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(20)}m_{031}^{(22)} + 2m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(20)}m_{022}^{(21)} - m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(20)}m_{013}^{(11)}\\
&-3m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{121}^{(22)} - m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{103}^{(11)} + 4m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{013}^{(10)}\\
&+m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(22)}m_{130}^{(22)} + m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(22)}m_{112}^{(11)} + m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(22)}m_{031}^{(20)}\\
&-3m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(22)}m_{022}^{(10)} + m_{100}^{(00)}m_{100}^{(21)}m_{001}^{(10)}m_{031}^{(22)} - 2m_{100}^{(00)}m_{100}^{(21)}m_{001}^{(10)}m_{022}^{(21)}\\
&+m_{100}^{(00)}m_{100}^{(21)}m_{001}^{(10)}m_{013}^{(11)} - m_{100}^{(00)}m_{100}^{(21)}m_{001}^{(11)}m_{121}^{(22)} - m_{100}^{(00)}m_{100}^{(21)}m_{001}^{(11)}m_{103}^{(11)}\\
&+3m_{100}^{(00)}m_{100}^{(21)}m_{001}^{(11)}m_{022}^{(20)} - m_{100}^{(00)}m_{100}^{(21)}m_{001}^{(11)}m_{013}^{(10)} - m_{100}^{(00)}m_{100}^{(21)}m_{001}^{(21)}m_{040}^{(22)}\\
&+2m_{100}^{(00)}m_{100}^{(21)}m_{001}^{(20)}m_{031}^{(21)} - m_{100}^{(00)}m_{100}^{(21)}m_{001}^{(20)}m_{022}^{(11)} + m_{100}^{(00)}m_{100}^{(21)}m_{001}^{(21)}m_{130}^{(22)}\\
&+3m_{100}^{(00)}m_{100}^{(21)}m_{001}^{(21)}m_{112}^{(11)} - 4m_{100}^{(00)}m_{100}^{(21)}m_{001}^{(21)}m_{031}^{(20)} - 2m_{100}^{(00)}m_{100}^{(21)}m_{001}^{(22)}m_{121}^{(11)}\\
&+m_{100}^{(00)}m_{100}^{(21)}m_{001}^{(22)}m_{040}^{(20)} + m_{100}^{(00)}m_{100}^{(21)}m_{001}^{(22)}m_{031}^{(10)} + m_{100}^{(00)}(m_{100}^{(22)})^2m_{040}^{(21)}\\
&-m_{100}^{(00)}(m_{100}^{(22)})^2m_{031}^{(11)} - m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(10)}m_{031}^{(22)} + 2m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(10)}m_{022}^{(21)}\\
&-m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(10)}m_{013}^{(11)} - 2m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{112}^{(21)} + m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{103}^{(11)}\\
&+m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{013}^{(10)} + m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(20)}m_{040}^{(22)} - 2m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(20)}m_{031}^{(21)}\\
&+m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(20)}m_{022}^{(11)} + 3m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{121}^{(21)} - m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{112}^{(11)}\\
&+m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{031}^{(20)} - 3m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{022}^{(10)} - m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(22)}m_{130}^{(21)}\\
&-m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(22)}m_{040}^{(20)} + 2m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(22)}m_{031}^{(10)} + m_{100}^{(00)}m_{100}^{(22)}m_{001}^{(11)}m_{121}^{(21)}\\
&-m_{100}^{(00)}m_{100}^{(22)}m_{001}^{(11)}m_{031}^{(20)} - m_{100}^{(00)}m_{100}^{(22)}m_{001}^{(21)}m_{130}^{(21)} - m_{100}^{(00)}m_{100}^{(22)}m_{001}^{(21)}m_{121}^{(11)}\\
&+m_{100}^{(00)}m_{100}^{(22)}m_{001}^{(21)}m_{040}^{(20)} + m_{100}^{(00)}m_{100}^{(22)}m_{001}^{(21)}m_{031}^{(10)} + m_{100}^{(00)}m_{100}^{(22)}m_{001}^{(22)}m_{130}^{(11)}
\end{aligned}
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\begin{aligned}
&-m_{100}^{(00)}m_{100}^{(22)}m_{001}^{(22)}m_{040}^{(10)}+m_{100}^{(00)}m_{010}^{(00)}m_{010}^{(11)}m_{013}^{(22)}-m_{100}^{(00)}m_{010}^{(00)}m_{010}^{(11)}m_{004}^{(21)}\\
&-2m_{100}^{(00)}m_{010}^{(00)}m_{010}^{(21)}m_{022}^{(22)}+2m_{100}^{(00)}m_{010}^{(00)}m_{010}^{(21)}m_{013}^{(21)}+m_{100}^{(00)}m_{010}^{(00)}m_{010}^{(22)}m_{031}^{(22)}\\
&-m_{100}^{(00)}m_{010}^{(00)}m_{010}^{(22)}m_{022}^{(21)}-m_{100}^{(00)}m_{010}^{(00)}m_{001}^{(11)}m_{022}^{(22)}+m_{100}^{(00)}m_{010}^{(00)}m_{001}^{(11)}m_{013}^{(21)}\\
&+2m_{100}^{(00)}m_{010}^{(00)}m_{001}^{(21)}m_{031}^{(22)}-2m_{100}^{(00)}m_{010}^{(00)}m_{001}^{(21)}m_{022}^{(21)}-m_{100}^{(00)}m_{010}^{(00)}m_{001}^{(22)}m_{040}^{(22)}\\
&+m_{100}^{(00)}m_{010}^{(00)}m_{001}^{(22)}m_{031}^{(21)}-m_{100}^{(00)}(m_{010}^{(10)})^2m_{013}^{(22)}+m_{100}^{(00)}(m_{010}^{(10)})^2m_{004}^{(21)}\\
&+m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(11)}m_{103}^{(22)}-m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(11)}m_{004}^{(20)}+2m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{022}^{(22)}\\
&-2m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{013}^{(21)}-m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{112}^{(22)}-m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{103}^{(21)}\\
&+3m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{013}^{(20)}-m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{004}^{(10)}+m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{112}^{(21)}\\
&-2m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{022}^{(20)}+m_{100}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{013}^{(10)}+m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{022}^{(22)}\\
&-m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{004}^{(11)}-m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{103}^{(21)}+m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{004}^{(10)}\\
&-m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{031}^{(22)}+m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{013}^{(11)}-m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{121}^{(22)}\\
&+3m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{112}^{(21)}-m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{022}^{(20)}-m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{013}^{(10)}\\
&+m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{130}^{(22)}-2m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{121}^{(21)}+m_{100}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{031}^{(20)}\\
&-2m_{100}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{112}^{(22)}+m_{100}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{103}^{(21)}+m_{100}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{004}^{(10)}\\
&-m_{100}^{(00)}m_{010}^{(11)}m_{010}^{(21)}m_{103}^{(20)}+m_{100}^{(00)}m_{010}^{(11)}m_{010}^{(21)}m_{004}^{(00)}+2m_{100}^{(00)}m_{010}^{(11)}m_{010}^{(22)}m_{112}^{(20)}\\
&-m_{100}^{(00)}m_{010}^{(11)}m_{010}^{(22)}m_{103}^{(10)}-m_{100}^{(00)}m_{010}^{(11)}m_{010}^{(22)}m_{013}^{(00)}-m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{013}^{(21)}\\
&+m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{004}^{(11)}-m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{103}^{(21)}+m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{013}^{(20)}\\
&+m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(11)}m_{103}^{(20)}-m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(11)}m_{004}^{(00)}+2m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{112}^{(21)}\\
&-m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{103}^{(11)}-m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{013}^{(10)}-2m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{112}^{(20)}\\
&+m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{103}^{(10)}+m_{100}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{013}^{(00)}-m_{100}^{(00)}(m_{010}^{(20)})^2m_{031}^{(22)}\\
&+m_{100}^{(00)}(m_{010}^{(20)})^2m_{022}^{(21)}+3m_{100}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{121}^{(22)}-m_{100}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{112}^{(21)}\\
&-m_{100}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{022}^{(20)}-m_{100}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{013}^{(10)}-m_{100}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{130}^{(22)}\\
&+m_{100}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{031}^{(20)}-m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{031}^{(22)}+m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{013}^{(11)}\\
&+m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{121}^{(22)}+m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{022}^{(20)}-2m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{013}^{(10)}\\
&+m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(20)}m_{040}^{(22)}-m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(20)}m_{022}^{(11)}-m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{130}^{(22)}\\
&-m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{121}^{(21)}-m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{031}^{(20)}+3m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{022}^{(10)}\\
&+m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{130}^{(21)}-m_{100}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{031}^{(10)}+m_{100}^{(00)}(m_{010}^{(21)})^2m_{112}^{(20)}\\
&+m_{100}^{(00)}(m_{010}^{(21)})^2m_{103}^{(10)}-2m_{100}^{(00)}(m_{010}^{(21)})^2m_{013}^{(00)}-3m_{100}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{121}^{(20)}\\
&+3m_{100}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{022}^{(00)}+2m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{022}^{(21)}-2m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{013}^{(11)}\\
&+m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{112}^{(21)}+m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{103}^{(11)}-3m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{022}^{(20)}\\
&+m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{013}^{(10)}-m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{112}^{(20)}+m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{013}^{(00)}\\
&-3m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{121}^{(21)}+m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{112}^{(11)}+m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{031}^{(20)}\\
&+m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{022}^{(10)}+4m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(21)}m_{121}^{(20)}-4m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(21)}m_{112}^{(10)}\\
&-m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{130}^{(20)}+2m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{121}^{(10)}-m_{100}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{031}^{(00)}\\
&+m_{100}^{(00)}(m_{010}^{(22)})^2m_{130}^{(20)}-m_{100}^{(00)}(m_{010}^{(22)})^2m_{031}^{(00)}-m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(00)}m_{031}^{(21)}\\
&+m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(00)}m_{022}^{(11)}-m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{112}^{(11)}+2m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{031}^{(20)}\\
&-m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{022}^{(10)}-m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(11)}m_{121}^{(20)}+m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(11)}m_{112}^{(10)}\\
&+m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{130}^{(21)}-m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{040}^{(20)}+m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(21)}m_{121}^{(10)}
\end{aligned}
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\begin{aligned}
&-m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(21)}m_{031}^{(00)} - m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(22)}m_{130}^{(10)} + m_{100}^{(00)}m_{010}^{(22)}m_{001}^{(22)}m_{040}^{(00)}\\
&+m_{100}^{(00)}m_{001}^{(00)}m_{001}^{(11)}m_{022}^{(21)} - m_{100}^{(00)}m_{001}^{(00)}m_{001}^{(11)}m_{013}^{(11)} - 2m_{100}^{(00)}m_{001}^{(00)}m_{001}^{(21)}m_{031}^{(21)}\\
&+2m_{100}^{(00)}m_{001}^{(00)}m_{001}^{(21)}m_{022}^{(11)} + m_{100}^{(00)}m_{001}^{(00)}m_{001}^{(22)}m_{040}^{(21)} - m_{100}^{(00)}m_{001}^{(00)}m_{001}^{(22)}m_{031}^{(11)}\\
&-m_{100}^{(00)}(m_{001}^{(10)})^2m_{022}^{(21)} + m_{100}^{(00)}(m_{001}^{(10)})^2m_{013}^{(11)} + m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{103}^{(11)}\\
&-m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{013}^{(10)} + 2m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{031}^{(21)} - 2m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{022}^{(11)}\\
&+m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{121}^{(21)} - 3m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{112}^{(11)} + m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{031}^{(20)}\\
&+m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{022}^{(10)} - m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{130}^{(21)} + 2m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{121}^{(11)}\\
&-m_{100}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{040}^{(20)} - m_{100}^{(00)}(m_{001}^{(11)})^2m_{103}^{(10)} + m_{100}^{(00)}(m_{001}^{(11)})^2m_{013}^{(00)}\\
&-m_{100}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{121}^{(21)} - m_{100}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{031}^{(20)} + 2m_{100}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{022}^{(10)}\\
&+3m_{100}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{112}^{(10)} - 3m_{100}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{022}^{(00)} + m_{100}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{130}^{(20)}\\
&-2m_{100}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{121}^{(10)} + m_{100}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{031}^{(00)} - m_{100}^{(00)}(m_{001}^{(20)})^2m_{040}^{(21)}\\
&+m_{100}^{(00)}(m_{001}^{(20)})^2m_{031}^{(11)} + m_{100}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{130}^{(21)} + m_{100}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{121}^{(11)}\\
&+m_{100}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{040}^{(20)} - 3m_{100}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{031}^{(10)} - m_{100}^{(00)}m_{001}^{(20)}m_{001}^{(22)}m_{130}^{(11)}\\
&+m_{100}^{(00)}m_{001}^{(20)}m_{001}^{(22)}m_{040}^{(10)} - m_{100}^{(00)}(m_{001}^{(21)})^2m_{130}^{(20)} - m_{100}^{(00)}(m_{001}^{(21)})^2m_{121}^{(10)}\\
&+2m_{100}^{(00)}(m_{001}^{(21)})^2m_{031}^{(00)} + m_{100}^{(00)}m_{001}^{(21)}m_{001}^{(22)}m_{130}^{(10)} - m_{100}^{(00)}m_{001}^{(21)}m_{001}^{(22)}m_{040}^{(00)}\\
&-(m_{100}^{(10)})^2m_{100}^{(11)}m_{013}^{(22)} + (m_{100}^{(10)})^2m_{100}^{(11)}m_{004}^{(21)} + (m_{100}^{(10)})^2m_{100}^{(21)}m_{022}^{(22)}\\
&-(m_{100}^{(10)})^2m_{100}^{(21)}m_{004}^{(11)} - (m_{100}^{(10)})^2m_{100}^{(22)}m_{022}^{(21)} + (m_{100}^{(10)})^2m_{100}^{(22)}m_{013}^{(11)}\\
&+2(m_{100}^{(10)})^2m_{010}^{(10)}m_{013}^{(22)} - 2(m_{100}^{(10)})^2m_{010}^{(10)}m_{004}^{(21)} + (m_{100}^{(10)})^2m_{010}^{(11)}m_{103}^{(22)}\\
&-(m_{100}^{(10)})^2m_{010}^{(11)}m_{004}^{(20)} - 2(m_{100}^{(10)})^2m_{010}^{(20)}m_{022}^{(22)} + 2(m_{100}^{(10)})^2m_{010}^{(20)}m_{013}^{(21)}\\
&-3(m_{100}^{(10)})^2m_{010}^{(21)}m_{112}^{(22)} + (m_{100}^{(10)})^2m_{010}^{(21)}m_{103}^{(21)} + (m_{100}^{(10)})^2m_{010}^{(21)}m_{013}^{(20)}\\
&+(m_{100}^{(10)})^2m_{010}^{(21)}m_{004}^{(10)} + 2(m_{100}^{(10)})^2m_{010}^{(22)}m_{121}^{(22)} - (m_{100}^{(10)})^2m_{010}^{(22)}m_{112}^{(21)}\\
&-(m_{100}^{(10)})^2m_{010}^{(22)}m_{013}^{(10)} - (m_{100}^{(10)})^2m_{001}^{(10)}m_{022}^{(22)} + (m_{100}^{(10)})^2m_{001}^{(10)}m_{004}^{(11)}\\
&-(m_{100}^{(10)})^2m_{001}^{(11)}m_{112}^{(22)} + 2(m_{100}^{(10)})^2m_{001}^{(11)}m_{013}^{(20)} - (m_{100}^{(10)})^2m_{001}^{(11)}m_{004}^{(10)}\\
&+(m_{100}^{(10)})^2m_{001}^{(20)}m_{031}^{(22)} - (m_{100}^{(10)})^2m_{001}^{(20)}m_{013}^{(11)} + 3(m_{100}^{(10)})^2m_{001}^{(21)}m_{121}^{(22)}\\
&-(m_{100}^{(10)})^2m_{001}^{(21)}m_{112}^{(21)} - 3(m_{100}^{(10)})^2m_{001}^{(21)}m_{022}^{(20)} + (m_{100}^{(10)})^2m_{001}^{(21)}m_{013}^{(10)}\\
&-2(m_{100}^{(10)})^2m_{001}^{(22)}m_{130}^{(22)} + (m_{100}^{(10)})^2m_{001}^{(22)}m_{121}^{(21)} + (m_{100}^{(10)})^2m_{001}^{(22)}m_{031}^{(20)}\\
&+2m_{100}^{(10)}m_{100}^{(11)}m_{100}^{(20)}m_{022}^{(22)} - 2m_{100}^{(10)}m_{100}^{(11)}m_{100}^{(20)}m_{013}^{(21)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{100}^{(21)}m_{112}^{(22)}\\
&-2m_{100}^{(10)}m_{100}^{(11)}m_{100}^{(21)}m_{103}^{(21)} - 2m_{100}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{121}^{(22)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{112}^{(21)}\\
&-m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(00)}m_{013}^{(22)} + m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(00)}m_{004}^{(21)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(20)}m_{112}^{(22)}\\
&-2m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(20)}m_{103}^{(21)} - m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(22)}m_{211}^{(22)} + m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(22)}m_{202}^{(21)}\\
&+m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(00)}m_{022}^{(22)} - m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(00)}m_{013}^{(21)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(10)}m_{112}^{(22)}\\
&-2m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(10)}m_{103}^{(21)} - 4m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{121}^{(22)} + 4m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{112}^{(21)}\\
&-2m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(21)}m_{211}^{(22)} + 2m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(21)}m_{202}^{(21)} + 3m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{220}^{(22)}\\
&-3m_{100}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{211}^{(21)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{100}^{(21)}m_{031}^{(22)} + 2m_{100}^{(10)}m_{100}^{(20)}m_{100}^{(21)}m_{013}^{(11)}\\
&+2m_{100}^{(10)}m_{100}^{(20)}m_{100}^{(22)}m_{031}^{(21)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{100}^{(22)}m_{022}^{(11)} - 3m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(10)}m_{022}^{(22)}\\
&+2m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(10)}m_{013}^{(21)} + m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(10)}m_{004}^{(11)} + m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(11)}m_{112}^{(22)}\\
&-3m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(11)}m_{103}^{(21)} + m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(11)}m_{013}^{(20)} + m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(11)}m_{004}^{(10)}\\
&+3m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(20)}m_{031}^{(22)} - 2m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(20)}m_{022}^{(21)} - m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(20)}m_{013}^{(11)}
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\begin{aligned}
&-m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{121}^{(22)}+6m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{112}^{(21)}-m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{103}^{(11)}\\
&-4m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{013}^{(10)}-3m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{121}^{(21)}+m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{112}^{(11)}\\
&-m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{031}^{(20)}+3m_{100}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{022}^{(10)}+m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(10)}m_{031}^{(22)}\\
&+2m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(10)}m_{022}^{(21)}-3m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(10)}m_{013}^{(11)}-m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{121}^{(22)}\\
&+3m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{112}^{(21)}-3m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{022}^{(20)}+m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{013}^{(10)}\\
&-m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(20)}m_{040}^{(22)}-2m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(20)}m_{031}^{(21)}+3m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(20)}m_{022}^{(11)}\\
&+m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{130}^{(22)}-6m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{121}^{(21)}+m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{112}^{(11)}\\
&+4m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{031}^{(20)}+3m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{130}^{(21)}-m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{121}^{(11)}\\
&-m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{040}^{(20)}-m_{100}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{031}^{(10)}-2m_{100}^{(10)}(m_{100}^{(21)})^2m_{121}^{(22)}\\
&+2m_{100}^{(10)}(m_{100}^{(21)})^2m_{103}^{(11)}+2m_{100}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{130}^{(22)}+2m_{100}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{121}^{(21)}\\
&-4m_{100}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{112}^{(11)}+m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(00)}m_{022}^{(22)}-m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(00)}m_{004}^{(11)}\\
&-3m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{112}^{(22)}+3m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{103}^{(21)}-m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{013}^{(20)}\\
&+m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{004}^{(10)}-2m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(11)}m_{202}^{(22)}+2m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(11)}m_{103}^{(20)}\\
&+m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{121}^{(22)}-3m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{112}^{(21)}+2m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{103}^{(11)}\\
&+m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{022}^{(20)}-m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{013}^{(10)}+5m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(21)}m_{211}^{(22)}\\
&-m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(21)}m_{202}^{(21)}-m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(21)}m_{112}^{(20)}-3m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(21)}m_{103}^{(10)}\\
&-2m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{220}^{(22)}+m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{211}^{(21)}-m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{202}^{(11)}\\
&-m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{121}^{(20)}+3m_{100}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{112}^{(10)}-m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(00)}m_{031}^{(22)}\\
&+m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(00)}m_{013}^{(11)}-m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{121}^{(22)}+m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{112}^{(21)}\\
&+m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{022}^{(20)}-m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{013}^{(10)}+2m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{211}^{(22)}\\
&-4m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{112}^{(20)}+2m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{103}^{(10)}+3m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{130}^{(22)}\\
&-m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{121}^{(21)}-2m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{112}^{(11)}-m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{031}^{(20)}\\
&+m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{022}^{(10)}-3m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{220}^{(22)}+m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{211}^{(21)}\\
&-2m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{202}^{(11)}+5m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{121}^{(20)}-m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{112}^{(10)}\\
&-m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{220}^{(21)}+3m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{211}^{(11)}-m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{130}^{(20)}\\
&-m_{100}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{121}^{(10)}-2m_{100}^{(10)}(m_{100}^{(22)})^2m_{130}^{(21)}+2m_{100}^{(10)}(m_{100}^{(22)})^2m_{121}^{(11)}\\
&-m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(00)}m_{022}^{(21)}+m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(00)}m_{013}^{(11)}+2m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{121}^{(22)}\\
&-m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{112}^{(21)}-m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{103}^{(11)}+m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{022}^{(20)}\\
&-m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{013}^{(10)}+2m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{202}^{(21)}-m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{112}^{(20)}\\
&-m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{103}^{(10)}-2m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{130}^{(22)}+3m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{121}^{(21)}\\
&-m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{112}^{(11)}-m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{031}^{(20)}+m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{022}^{(10)}\\
&-5m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{211}^{(21)}+m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{202}^{(11)}-m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{121}^{(20)}\\
&+5m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{112}^{(10)}+2m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(22)}m_{220}^{(21)}+2m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(22)}m_{130}^{(20)}\\
&-4m_{100}^{(10)}m_{100}^{(22)}m_{010}^{(22)}m_{121}^{(10)}+m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(00)}m_{031}^{(21)}-m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(00)}m_{022}^{(11)}\\
&-m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{121}^{(21)}+m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{112}^{(11)}-m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{031}^{(20)}\\
&+m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{022}^{(10)}-2m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{211}^{(21)}+3m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{121}^{(20)}\\
&-m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{112}^{(10)}-m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{130}^{(21)}+m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{121}^{(11)}\\
&+m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{040}^{(20)}-m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{031}^{(10)}+3m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{220}^{(21)}
\end{aligned}
$$

$$+m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{211}^{(11)} - 3m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{130}^{(20)} - m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{121}^{(10)}$$
$$-2m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(22)}m_{220}^{(11)} + 2m_{100}^{(10)}m_{100}^{(22)}m_{001}^{(22)}m_{130}^{(10)} + m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{112}^{(22)}$$
$$-m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{103}^{(21)} - m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{013}^{(20)} + m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{004}^{(10)}$$
$$-m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{121}^{(22)} + m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{112}^{(21)} + m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{022}^{(20)}$$
$$-m_{100}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{013}^{(10)} + m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(10)}m_{022}^{(22)} - 2m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(10)}m_{013}^{(21)}$$
$$+m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(10)}m_{004}^{(11)} + m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(11)}m_{013}^{(20)} - m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(11)}m_{004}^{(10)}$$
$$-m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{031}^{(22)} + 2m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{022}^{(21)} - m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{013}^{(11)}$$
$$-m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{121}^{(22)} + m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{112}^{(21)} - m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{022}^{(20)}$$
$$+m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{013}^{(10)} + m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{130}^{(22)} - m_{100}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{121}^{(21)}$$
$$-2m_{100}^{(10)}(m_{010}^{(10)})^2m_{103}^{(22)} + 2m_{100}^{(10)}(m_{010}^{(10)})^2m_{004}^{(20)} + 3m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{112}^{(22)}$$
$$+m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{103}^{(21)} - 3m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{013}^{(20)} - m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{004}^{(10)}$$
$$+3m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(21)}m_{202}^{(22)} - 2m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(21)}m_{103}^{(20)} - m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(21)}m_{004}^{(00)}$$
$$-2m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{211}^{(22)} - m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{202}^{(21)} + m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{112}^{(20)}$$
$$+m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{103}^{(10)} + m_{100}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{013}^{(00)} - m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{022}^{(22)}$$
$$+2m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{013}^{(21)} - m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{004}^{(11)} + 4m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(10)}m_{103}^{(21)}$$
$$-4m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(10)}m_{013}^{(20)} + m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(11)}m_{202}^{(22)} - 2m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(11)}m_{103}^{(20)}$$
$$+m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(11)}m_{004}^{(00)} + 2m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{121}^{(22)} - 7m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{112}^{(21)}$$
$$+m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{103}^{(11)} + 3m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{022}^{(20)} + m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{013}^{(10)}$$
$$-2m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(21)}m_{211}^{(22)} - 3m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(21)}m_{202}^{(21)} + 7m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(21)}m_{112}^{(20)}$$
$$-m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(21)}m_{103}^{(10)} - m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(21)}m_{013}^{(00)} + 4m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{211}^{(21)}$$
$$-4m_{100}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{121}^{(20)} - m_{100}^{(10)}m_{010}^{(11)}m_{010}^{(20)}m_{202}^{(22)} + 2m_{100}^{(10)}m_{010}^{(11)}m_{010}^{(20)}m_{103}^{(20)}$$
$$-m_{100}^{(10)}m_{010}^{(11)}m_{010}^{(20)}m_{004}^{(00)} + m_{100}^{(10)}m_{010}^{(11)}m_{010}^{(22)}m_{301}^{(22)} - 2m_{100}^{(10)}m_{010}^{(11)}m_{010}^{(22)}m_{202}^{(20)}$$
$$+m_{100}^{(10)}m_{010}^{(11)}m_{010}^{(22)}m_{103}^{(00)} + m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{013}^{(20)} - m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{004}^{(10)}$$
$$-m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(10)}m_{202}^{(22)} + m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(10)}m_{004}^{(00)} + m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{211}^{(22)}$$
$$+m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{202}^{(21)} - 3m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{112}^{(20)} + m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{103}^{(10)}$$
$$+m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(21)}m_{301}^{(22)} - m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(21)}m_{103}^{(00)} - m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(22)}m_{310}^{(22)}$$
$$-m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(22)}m_{301}^{(21)} + 2m_{100}^{(10)}m_{010}^{(11)}m_{001}^{(22)}m_{211}^{(20)} - m_{100}^{(10)}(m_{010}^{(20)})^2m_{121}^{(22)}$$
$$-m_{100}^{(10)}(m_{010}^{(20)})^2m_{112}^{(21)} + m_{100}^{(10)}(m_{010}^{(20)})^2m_{022}^{(20)} + m_{100}^{(10)}(m_{010}^{(20)})^2m_{013}^{(10)}$$
$$-2m_{100}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{211}^{(22)} + m_{100}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{202}^{(21)} - m_{100}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{112}^{(20)}$$
$$-m_{100}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{103}^{(10)} + 3m_{100}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{013}^{(00)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{220}^{(22)}$$
$$-2m_{100}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{022}^{(00)} + m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{031}^{(22)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{022}^{(21)}$$
$$+m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{013}^{(11)} - m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{121}^{(22)} - m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{112}^{(21)}$$
$$-2m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{103}^{(11)} + 3m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{022}^{(20)} + m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{013}^{(10)}$$
$$-2m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{112}^{(20)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{103}^{(10)} - m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{130}^{(22)}$$
$$+4m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{121}^{(21)} + m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{112}^{(11)} - 2m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{031}^{(20)}$$
$$-2m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{022}^{(10)} + m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{220}^{(22)} + 2m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{211}^{(21)}$$
$$-2m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{112}^{(10)} - m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{022}^{(00)} - 3m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{220}^{(21)}$$
$$+m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{130}^{(20)} + m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{121}^{(10)} + m_{100}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{031}^{(00)}$$

$$
\begin{aligned}
&-m_{100}^{(10)}(m_{010}^{(21)})^2m_{301}^{(22)}+m_{100}^{(10)}(m_{010}^{(21)})^2m_{103}^{(00)}+4m_{100}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{211}^{(20)}\\
&-4m_{100}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{112}^{(00)}-m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{112}^{(21)}+m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{103}^{(11)}\\
&-m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{022}^{(20)}+m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{013}^{(10)}+m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{211}^{(22)}\\
&-2m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{202}^{(21)}+4m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{112}^{(20)}-2m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{103}^{(10)}\\
&-m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{013}^{(00)}-m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(11)}m_{301}^{(22)}+2m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(11)}m_{202}^{(20)}\\
&-m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(11)}m_{103}^{(00)}-m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{220}^{(22)}+m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{211}^{(21)}\\
&-m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{202}^{(11)}+m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{121}^{(20)}+m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{112}^{(10)}\\
&-m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{022}^{(00)}+m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(21)}m_{310}^{(22)}+m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(21)}m_{301}^{(21)}\\
&-7m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(21)}m_{211}^{(20)}+3m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(21)}m_{202}^{(10)}+2m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(21)}m_{112}^{(00)}\\
&+m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{310}^{(21)}+m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{220}^{(20)}-3m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{211}^{(10)}\\
&+m_{100}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{121}^{(00)}-2m_{100}^{(10)}(m_{010}^{(22)})^2m_{220}^{(20)}+2m_{100}^{(10)}(m_{010}^{(22)})^2m_{121}^{(00)}\\
&+m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{121}^{(21)}-m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{112}^{(11)}+m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{211}^{(21)}\\
&+m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{202}^{(11)}-3m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{121}^{(20)}+m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{112}^{(10)}\\
&+m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(11)}m_{211}^{(20)}-m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(11)}m_{202}^{(10)}-m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{220}^{(21)}\\
&+m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{130}^{(20)}-m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{121}^{(10)}+m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{031}^{(00)}\\
&-m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{310}^{(21)}+m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{220}^{(20)}-m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{211}^{(10)}\\
&+m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{121}^{(00)}+2m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(22)}m_{220}^{(10)}-2m_{100}^{(10)}m_{010}^{(22)}m_{001}^{(22)}m_{130}^{(00)}\\
&-2m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{022}^{(20)}+2m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{013}^{(10)}+m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{121}^{(21)}\\
&-m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{112}^{(11)}+3m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{031}^{(20)}-3m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{022}^{(10)}\\
&-m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{130}^{(21)}+m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{121}^{(11)}-m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{040}^{(20)}\\
&+m_{100}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{031}^{(10)}-2m_{100}^{(10)}(m_{001}^{(10)})^2m_{103}^{(11)}+2m_{100}^{(10)}(m_{001}^{(10)})^2m_{022}^{(20)}\\
&+2m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(11)}m_{103}^{(10)}-2m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(11)}m_{013}^{(00)}-m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{121}^{(21)}\\
&+5m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{112}^{(11)}-3m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{031}^{(20)}-m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{022}^{(10)}\\
&+m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{211}^{(21)}+2m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{202}^{(11)}-5m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{121}^{(20)}\\
&-m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{112}^{(10)}+3m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{022}^{(00)}-3m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{211}^{(11)}\\
&+4m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{130}^{(20)}-m_{100}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{031}^{(00)}-m_{100}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{211}^{(21)}\\
&+5m_{100}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{121}^{(20)}-5m_{100}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{112}^{(10)}+m_{100}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{022}^{(00)}\\
&-2m_{100}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{202}^{(10)}+2m_{100}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{112}^{(00)}+m_{100}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{310}^{(21)}\\
&-3m_{100}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{220}^{(20)}+3m_{100}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{211}^{(10)}-m_{100}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{121}^{(00)}\\
&+m_{100}^{(10)}(m_{001}^{(20)})^2m_{130}^{(21)}-3m_{100}^{(10)}(m_{001}^{(20)})^2m_{121}^{(11)}+m_{100}^{(10)}(m_{001}^{(20)})^2m_{040}^{(20)}\\
&+m_{100}^{(10)}(m_{001}^{(20)})^2m_{031}^{(10)}-m_{100}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{211}^{(11)}-4m_{100}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{130}^{(20)}\\
&+6m_{100}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{121}^{(10)}-m_{100}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{031}^{(00)}+2m_{100}^{(10)}m_{001}^{(20)}m_{001}^{(22)}m_{220}^{(11)}\\
&-2m_{100}^{(10)}m_{001}^{(20)}m_{001}^{(22)}m_{130}^{(10)}-m_{100}^{(10)}(m_{001}^{(21)})^2m_{310}^{(21)}+3m_{100}^{(10)}(m_{001}^{(21)})^2m_{220}^{(20)}\\
&+m_{100}^{(10)}(m_{001}^{(21)})^2m_{211}^{(10)}-3m_{100}^{(10)}(m_{001}^{(21)})^2m_{121}^{(00)}-2m_{100}^{(10)}m_{001}^{(21)}m_{001}^{(22)}m_{220}^{(10)}\\
&+2m_{100}^{(10)}m_{001}^{(21)}m_{001}^{(22)}m_{130}^{(00)}-2(m_{100}^{(11)})^2m_{100}^{(20)}m_{112}^{(22)}+2(m_{100}^{(11)})^2m_{100}^{(20)}m_{103}^{(21)}\\
&+(m_{100}^{(11)})^2m_{100}^{(22)}m_{211}^{(22)}-(m_{100}^{(11)})^2m_{100}^{(22)}m_{202}^{(21)}-(m_{100}^{(11)})^2m_{001}^{(00)}m_{112}^{(22)}\\
&+(m_{100}^{(11)})^2m_{001}^{(00)}m_{103}^{(21)}+2(m_{100}^{(11)})^2m_{001}^{(20)}m_{211}^{(22)}-2(m_{100}^{(11)})^2m_{001}^{(20)}m_{202}^{(21)}\\
&-(m_{100}^{(11)})^2m_{001}^{(22)}m_{310}^{(22)}+(m_{100}^{(11)})^2m_{001}^{(22)}m_{301}^{(21)}-m_{100}^{(11)}(m_{100}^{(20)})^2m_{031}^{(22)}
\end{aligned}
$$

$$+m_{100}^{(11)}(m_{100}^{(20)})^2m_{022}^{(21)}+4m_{100}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{121}^{(22)}-2m_{100}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{112}^{(21)}$$
$$-2m_{100}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{103}^{(11)}-2m_{100}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{121}^{(21)}+2m_{100}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{112}^{(11)}$$
$$+m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(00)}m_{022}^{(22)}-m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(00)}m_{013}^{(21)}-m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{112}^{(22)}$$
$$+m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{103}^{(21)}+m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{013}^{(20)}-m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{004}^{(10)}$$
$$+2m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(11)}m_{202}^{(22)}-2m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(11)}m_{103}^{(20)}-m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{121}^{(22)}$$
$$+m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{112}^{(21)}-m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{022}^{(20)}+m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{013}^{(10)}$$
$$-m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{211}^{(22)}-3m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{202}^{(21)}+m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{112}^{(20)}$$
$$+3m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{103}^{(10)}+2m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{211}^{(21)}+m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{121}^{(20)}$$
$$-3m_{100}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{112}^{(10)}-m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(00)}m_{031}^{(22)}+m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(00)}m_{022}^{(21)}$$
$$+m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{121}^{(22)}-3m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{112}^{(21)}+2m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{103}^{(11)}$$
$$-m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{022}^{(20)}+m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{013}^{(10)}-2m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{202}^{(21)}$$
$$+4m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{112}^{(20)}-2m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{103}^{(10)}+m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(20)}m_{130}^{(22)}$$
$$+m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(20)}m_{121}^{(21)}-2m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(20)}m_{112}^{(11)}+m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(20)}m_{031}^{(20)}$$
$$-m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(20)}m_{022}^{(10)}-m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{220}^{(22)}+5m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{211}^{(21)}$$
$$-5m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{121}^{(20)}+m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{112}^{(10)}-2m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{220}^{(21)}$$
$$+m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{130}^{(20)}+m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{121}^{(10)}-m_{100}^{(11)}(m_{100}^{(21)})^2m_{211}^{(22)}$$
$$+m_{100}^{(11)}(m_{100}^{(21)})^2m_{202}^{(21)}-m_{100}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{220}^{(22)}+m_{100}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{202}^{(11)}$$
$$+m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(00)}m_{112}^{(22)}-m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(00)}m_{103}^{(21)}-2m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{211}^{(22)}$$
$$+2m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{202}^{(21)}+m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(22)}m_{310}^{(22)}-m_{100}^{(11)}m_{100}^{(21)}m_{010}^{(22)}m_{301}^{(21)}$$
$$+2m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{121}^{(22)}-m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{112}^{(21)}-m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{103}^{(11)}$$
$$-2m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{211}^{(22)}+2m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{202}^{(21)}-2m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{220}^{(22)}$$
$$+2m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{202}^{(11)}+2m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(21)}m_{310}^{(22)}-2m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(21)}m_{301}^{(21)}$$
$$+m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{310}^{(21)}-m_{100}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{301}^{(11)}+m_{100}^{(11)}(m_{100}^{(22)})^2m_{220}^{(21)}$$
$$-m_{100}^{(11)}(m_{100}^{(22)})^2m_{211}^{(11)}-m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{121}^{(22)}+m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{112}^{(21)}$$
$$+m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{211}^{(22)}-m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{202}^{(21)}-m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{112}^{(20)}$$
$$+m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{103}^{(10)}-m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(11)}m_{301}^{(22)}+m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(11)}m_{202}^{(20)}$$
$$+m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{220}^{(22)}-m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{211}^{(21)}+m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{121}^{(20)}$$
$$-m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{112}^{(10)}+2m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{301}^{(21)}-2m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{202}^{(10)}$$
$$-m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(22)}m_{310}^{(21)}-m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(22)}m_{220}^{(20)}+2m_{100}^{(11)}m_{100}^{(22)}m_{010}^{(22)}m_{211}^{(10)}$$
$$-m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(00)}m_{121}^{(21)}+m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(00)}m_{112}^{(11)}+m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(10)}m_{211}^{(21)}$$
$$-m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(10)}m_{202}^{(11)}+m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(10)}m_{121}^{(20)}-m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(10)}m_{112}^{(10)}$$
$$+m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(11)}m_{301}^{(21)}-2m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(11)}m_{211}^{(20)}+m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(11)}m_{202}^{(10)}$$
$$+m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(20)}m_{220}^{(21)}-m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(20)}m_{211}^{(11)}-m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(20)}m_{130}^{(20)}$$
$$+m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(20)}m_{121}^{(10)}-2m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(21)}m_{310}^{(21)}+2m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(21)}m_{220}^{(20)}$$
$$+m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(22)}m_{310}^{(11)}-m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(22)}m_{220}^{(10)}+m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(10)}m_{103}^{(22)}$$
$$-m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(10)}m_{004}^{(20)}-m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(20)}m_{112}^{(22)}+m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(20)}m_{013}^{(20)}$$
$$-m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(21)}m_{202}^{(22)}+m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(21)}m_{103}^{(20)}+m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(22)}m_{211}^{(22)}$$
$$-m_{100}^{(11)}m_{010}^{(00)}m_{010}^{(22)}m_{112}^{(20)}-m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(10)}m_{103}^{(21)}+m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(10)}m_{013}^{(20)}$$

$$+m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{112}^{(21)} - m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{022}^{(20)} + m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(21)}m_{202}^{(21)}$$
$$-m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(21)}m_{112}^{(20)} - m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(22)}m_{211}^{(21)} + m_{100}^{(11)}m_{010}^{(00)}m_{001}^{(22)}m_{121}^{(20)}$$
$$-m_{100}^{(11)}m_{010}^{(10)}m_{010}^{(20)}m_{202}^{(22)} + m_{100}^{(11)}m_{010}^{(10)}m_{010}^{(20)}m_{004}^{(00)} + m_{100}^{(11)}m_{010}^{(10)}m_{010}^{(22)}m_{202}^{(20)}$$
$$-m_{100}^{(11)}m_{010}^{(10)}m_{010}^{(22)}m_{103}^{(00)} - m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{103}^{(21)} + m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{004}^{(10)}$$
$$-m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(10)}m_{202}^{(22)} + 2m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(10)}m_{103}^{(20)} - m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(10)}m_{004}^{(00)}$$
$$+m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{211}^{(22)} + m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{202}^{(21)} - m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{112}^{(20)}$$
$$-m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{103}^{(10)} + m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(21)}m_{301}^{(22)} - 2m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(21)}m_{202}^{(20)}$$
$$+m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(21)}m_{103}^{(00)} - m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(22)}m_{310}^{(22)} + m_{100}^{(11)}m_{010}^{(10)}m_{001}^{(22)}m_{211}^{(20)}$$
$$+m_{100}^{(11)}m_{010}^{(11)}m_{001}^{(00)}m_{202}^{(22)} - m_{100}^{(11)}m_{010}^{(11)}m_{001}^{(00)}m_{103}^{(20)} - 2m_{100}^{(11)}m_{010}^{(11)}m_{001}^{(20)}m_{301}^{(22)}$$
$$+2m_{100}^{(11)}m_{010}^{(11)}m_{001}^{(20)}m_{202}^{(20)} + m_{100}^{(11)}m_{010}^{(11)}m_{001}^{(22)}m_{400}^{(22)} - m_{100}^{(11)}m_{010}^{(11)}m_{001}^{(22)}m_{301}^{(20)}$$
$$+m_{100}^{(11)}(m_{010}^{(20)})^2m_{211}^{(22)} - m_{100}^{(11)}(m_{010}^{(20)})^2m_{013}^{(00)} + m_{100}^{(11)}m_{010}^{(20)}m_{010}^{(21)}m_{301}^{(22)}$$
$$-m_{100}^{(11)}m_{010}^{(20)}m_{010}^{(21)}m_{103}^{(00)} - m_{100}^{(11)}m_{010}^{(20)}m_{010}^{(22)}m_{310}^{(22)} - m_{100}^{(11)}m_{010}^{(20)}m_{010}^{(22)}m_{211}^{(20)}$$
$$+2m_{100}^{(11)}m_{010}^{(20)}m_{010}^{(22)}m_{112}^{(00)} + m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{112}^{(21)} - m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{013}^{(10)}$$
$$+2m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{202}^{(21)} - 2m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{112}^{(20)} - 3m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{211}^{(21)}$$
$$+m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{121}^{(20)} + m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{112}^{(10)} + m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{022}^{(00)}$$
$$-2m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{301}^{(21)} + 2m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{211}^{(20)} + 2m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{310}^{(21)}$$
$$-m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{220}^{(20)} - m_{100}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{121}^{(00)} - m_{100}^{(11)}m_{010}^{(21)}m_{010}^{(22)}m_{301}^{(20)}$$
$$+m_{100}^{(11)}m_{010}^{(21)}m_{010}^{(22)}m_{202}^{(00)} - m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{211}^{(22)} + m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{112}^{(20)}$$
$$+m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(10)}m_{301}^{(22)} - 2m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(10)}m_{202}^{(20)} + m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(10)}m_{103}^{(00)}$$
$$+m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{310}^{(22)} + m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{301}^{(21)} - m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{211}^{(20)}$$
$$-m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{202}^{(10)} - m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(21)}m_{400}^{(22)} + 2m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(21)}m_{301}^{(20)}$$
$$-m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(21)}m_{202}^{(00)} - m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(22)}m_{400}^{(21)} + m_{100}^{(11)}m_{010}^{(21)}m_{001}^{(22)}m_{301}^{(10)}$$
$$+m_{100}^{(11)}(m_{010}^{(22)})^2m_{310}^{(20)} - m_{100}^{(11)}(m_{010}^{(22)})^2m_{211}^{(00)} - m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(10)}m_{301}^{(21)}$$
$$+m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(10)}m_{211}^{(20)} + m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{211}^{(10)} - m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{121}^{(00)}$$
$$+m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(21)}m_{400}^{(21)} - m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(21)}m_{310}^{(20)} - m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(22)}m_{310}^{(10)}$$
$$+m_{100}^{(11)}m_{010}^{(22)}m_{001}^{(22)}m_{220}^{(00)} + m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{103}^{(11)} - m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{013}^{(10)}$$
$$-m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{202}^{(21)} + 2m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{112}^{(20)} - m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{103}^{(10)}$$
$$-m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{112}^{(11)} + m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{022}^{(10)} + m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{211}^{(21)}$$
$$-3m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{121}^{(20)} + 2m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{112}^{(10)} + m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{130}^{(20)}$$
$$-m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{121}^{(10)} + m_{100}^{(11)}(m_{001}^{(10)})^2m_{202}^{(21)} - 2m_{100}^{(11)}(m_{001}^{(10)})^2m_{112}^{(20)}$$
$$+m_{100}^{(11)}(m_{001}^{(10)})^2m_{013}^{(00)} - m_{100}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{211}^{(21)} - 2m_{100}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{202}^{(11)}$$
$$+3m_{100}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{121}^{(20)} + m_{100}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{112}^{(10)} - m_{100}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{022}^{(00)}$$
$$-2m_{100}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{301}^{(21)} + 4m_{100}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{211}^{(20)} - 2m_{100}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{112}^{(00)}$$
$$+m_{100}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{310}^{(21)} + m_{100}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{301}^{(11)} - 3m_{100}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{220}^{(20)}$$
$$+m_{100}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{121}^{(00)} + 2m_{100}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{301}^{(21)} - 4m_{100}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{211}^{(20)}$$
$$+2m_{100}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{202}^{(10)} - m_{100}^{(11)}m_{001}^{(11)}m_{001}^{(22)}m_{400}^{(21)} + 2m_{100}^{(11)}m_{001}^{(11)}m_{001}^{(22)}m_{310}^{(20)}$$
$$-m_{100}^{(11)}m_{001}^{(11)}m_{001}^{(22)}m_{301}^{(10)} + 2m_{100}^{(11)}(m_{001}^{(20)})^2m_{211}^{(11)} - m_{100}^{(11)}(m_{001}^{(20)})^2m_{130}^{(20)}$$
$$-m_{100}^{(11)}(m_{001}^{(20)})^2m_{121}^{(10)} - m_{100}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{310}^{(21)} + 3m_{100}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{220}^{(20)}$$

$$
\begin{aligned}
&-3m_{100}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{211}^{(10)} + m_{100}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{121}^{(00)} - m_{100}^{(11)}m_{001}^{(20)}m_{001}^{(22)}m_{310}^{(11)}\\
&+m_{100}^{(11)}m_{001}^{(20)}m_{001}^{(22)}m_{220}^{(10)} + m_{100}^{(11)}(m_{001}^{(21)})^2m_{400}^{(21)} - 2m_{100}^{(11)}(m_{001}^{(21)})^2m_{310}^{(20)}\\
&+m_{100}^{(11)}(m_{001}^{(21)})^2m_{211}^{(00)} + m_{100}^{(11)}m_{001}^{(21)}m_{001}^{(22)}m_{310}^{(10)} - m_{100}^{(11)}m_{001}^{(21)}m_{001}^{(22)}m_{220}^{(00)}\\
&+(m_{100}^{(20)})^2m_{100}^{(21)}m_{040}^{(22)} - (m_{100}^{(20)})^2m_{100}^{(21)}m_{022}^{(11)} - (m_{100}^{(20)})^2m_{100}^{(22)}m_{040}^{(21)}\\
&+(m_{100}^{(20)})^2m_{100}^{(22)}m_{031}^{(11)} + (m_{100}^{(20)})^2m_{010}^{(10)}m_{031}^{(22)} - (m_{100}^{(20)})^2m_{010}^{(10)}m_{013}^{(11)}\\
&-(m_{100}^{(20)})^2m_{010}^{(11)}m_{112}^{(21)} + 2(m_{100}^{(20)})^2m_{010}^{(11)}m_{103}^{(11)} - (m_{100}^{(20)})^2m_{010}^{(11)}m_{013}^{(10)}\\
&-(m_{100}^{(20)})^2m_{010}^{(20)}m_{040}^{(22)} + (m_{100}^{(20)})^2m_{010}^{(20)}m_{022}^{(11)} + (m_{100}^{(20)})^2m_{010}^{(21)}m_{121}^{(21)}\\
&-3(m_{100}^{(20)})^2m_{010}^{(21)}m_{112}^{(11)} - (m_{100}^{(20)})^2m_{010}^{(21)}m_{031}^{(20)} + 3(m_{100}^{(20)})^2m_{010}^{(21)}m_{022}^{(10)}\\
&+(m_{100}^{(20)})^2m_{010}^{(22)}m_{121}^{(11)} + (m_{100}^{(20)})^2m_{010}^{(22)}m_{040}^{(20)} - 2(m_{100}^{(20)})^2m_{010}^{(22)}m_{031}^{(10)}\\
&-2(m_{100}^{(20)})^2m_{001}^{(10)}m_{031}^{(21)} + 2(m_{100}^{(20)})^2m_{001}^{(10)}m_{022}^{(11)} + (m_{100}^{(20)})^2m_{001}^{(11)}m_{121}^{(21)}\\
&-2(m_{100}^{(20)})^2m_{001}^{(11)}m_{112}^{(11)} + (m_{100}^{(20)})^2m_{001}^{(11)}m_{031}^{(20)} + 2(m_{100}^{(20)})^2m_{001}^{(20)}m_{040}^{(21)}\\
&-2(m_{100}^{(20)})^2m_{001}^{(20)}m_{031}^{(11)} - (m_{100}^{(20)})^2m_{001}^{(21)}m_{130}^{(21)} + 3(m_{100}^{(20)})^2m_{001}^{(21)}m_{121}^{(11)}\\
&-(m_{100}^{(20)})^2m_{001}^{(21)}m_{040}^{(20)} - (m_{100}^{(20)})^2m_{001}^{(21)}m_{031}^{(10)} - (m_{100}^{(20)})^2m_{001}^{(22)}m_{130}^{(11)}\\
&+(m_{100}^{(20)})^2m_{001}^{(22)}m_{040}^{(10)} - 2m_{100}^{(20)}(m_{100}^{(21)})^2m_{130}^{(22)} + 2m_{100}^{(20)}(m_{100}^{(21)})^2m_{112}^{(11)}\\
&+2m_{100}^{(20)}m_{100}^{(21)}m_{100}^{(22)}m_{130}^{(21)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{100}^{(22)}m_{121}^{(11)} - m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(00)}m_{031}^{(22)}\\
&+m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(00)}m_{013}^{(11)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{121}^{(22)} + m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{112}^{(21)}\\
&-3m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{103}^{(11)} - m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{022}^{(20)} + m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{013}^{(10)}\\
&-3m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{211}^{(22)} + m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{202}^{(21)} + m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{112}^{(20)}\\
&+m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{103}^{(10)} - m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{121}^{(21)} + m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{112}^{(11)}\\
&+m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{031}^{(20)} - m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{022}^{(10)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{220}^{(22)}\\
&-m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{211}^{(21)} + 3m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{202}^{(11)} + m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{121}^{(20)}\\
&-5m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{112}^{(10)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(22)}m_{211}^{(11)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(22)}m_{130}^{(20)}\\
&+4m_{100}^{(20)}m_{100}^{(21)}m_{010}^{(22)}m_{121}^{(10)} + m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(00)}m_{040}^{(22)} - m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(00)}m_{022}^{(11)}\\
&-2m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{130}^{(22)} + 3m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{121}^{(21)} - m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{112}^{(11)}\\
&+m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{031}^{(20)} - m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{022}^{(10)} + m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(11)}m_{220}^{(22)}\\
&-m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(11)}m_{211}^{(21)} + 2m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(11)}m_{202}^{(11)} - 3m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(11)}m_{121}^{(20)}\\
&+m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(11)}m_{112}^{(10)} - 3m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(20)}m_{130}^{(21)} + 3m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(20)}m_{121}^{(11)}\\
&-m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(20)}m_{040}^{(20)} + m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(20)}m_{031}^{(10)} + m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(21)}m_{220}^{(21)}\\
&-5m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(21)}m_{211}^{(11)} + 3m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(21)}m_{130}^{(20)} + m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(21)}m_{121}^{(10)}\\
&+2m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(22)}m_{220}^{(11)} - 2m_{100}^{(20)}m_{100}^{(21)}m_{001}^{(22)}m_{130}^{(10)} + m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(00)}m_{031}^{(21)}\\
&-m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(00)}m_{022}^{(11)} - 4m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{121}^{(21)} + 4m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{112}^{(11)}\\
&+3m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{211}^{(21)} - 3m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{202}^{(11)} + 2m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(20)}m_{130}^{(21)}\\
&-2m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(20)}m_{121}^{(11)} - 2m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(21)}m_{220}^{(21)} + 2m_{100}^{(20)}m_{100}^{(22)}m_{010}^{(21)}m_{211}^{(11)}\\
&-m_{100}^{(20)}m_{100}^{(22)}m_{001}^{(00)}m_{040}^{(21)} + m_{100}^{(20)}m_{100}^{(22)}m_{001}^{(00)}m_{031}^{(11)} + 2m_{100}^{(20)}m_{100}^{(22)}m_{001}^{(10)}m_{130}^{(21)}\\
&-2m_{100}^{(20)}m_{100}^{(22)}m_{001}^{(10)}m_{121}^{(11)} - m_{100}^{(20)}m_{100}^{(22)}m_{001}^{(11)}m_{220}^{(21)} + m_{100}^{(20)}m_{100}^{(22)}m_{001}^{(11)}m_{211}^{(11)}\\
&-m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(11)}m_{112}^{(22)} + m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(11)}m_{103}^{(21)} - m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(11)}m_{013}^{(20)}\\
&+m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(11)}m_{004}^{(10)} + m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{121}^{(22)} - m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{112}^{(21)}\\
&+3m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{022}^{(20)} - 3m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{013}^{(10)} - 2m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(22)}m_{031}^{(20)}
\end{aligned}
$$

$$+2m_{100}^{(20)}m_{010}^{(00)}m_{010}^{(22)}m_{022}^{(10)} - m_{100}^{(20)}m_{010}^{(00)}m_{001}^{(10)}m_{031}^{(22)} + 2m_{100}^{(20)}m_{010}^{(00)}m_{001}^{(10)}m_{022}^{(21)}$$
$$-m_{100}^{(20)}m_{010}^{(00)}m_{001}^{(10)}m_{013}^{(11)} + m_{100}^{(20)}m_{010}^{(00)}m_{001}^{(11)}m_{121}^{(22)} - m_{100}^{(20)}m_{010}^{(00)}m_{001}^{(11)}m_{112}^{(21)}$$
$$+m_{100}^{(20)}m_{010}^{(00)}m_{001}^{(20)}m_{040}^{(22)} - 2m_{100}^{(20)}m_{010}^{(00)}m_{001}^{(20)}m_{031}^{(21)} + m_{100}^{(20)}m_{010}^{(00)}m_{001}^{(20)}m_{022}^{(11)}$$
$$-m_{100}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{130}^{(22)} + m_{100}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{121}^{(21)} - m_{100}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{031}^{(20)}$$
$$+m_{100}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{022}^{(10)} + m_{100}^{(20)}m_{010}^{(00)}m_{001}^{(22)}m_{040}^{(20)} - m_{100}^{(20)}m_{010}^{(00)}m_{001}^{(22)}m_{031}^{(10)}$$
$$+3m_{100}^{(20)}(m_{010}^{(10)})^2m_{112}^{(22)} - m_{100}^{(20)}(m_{010}^{(10)})^2m_{103}^{(21)} - m_{100}^{(20)}(m_{010}^{(10)})^2m_{013}^{(20)}$$
$$-m_{100}^{(20)}(m_{010}^{(10)})^2m_{004}^{(10)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(11)}m_{202}^{(22)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(11)}m_{103}^{(20)}$$
$$-5m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{121}^{(22)} + m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{112}^{(21)} + m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{022}^{(20)}$$
$$+3m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{013}^{(10)} + m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{211}^{(22)} - 6m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{112}^{(20)}$$
$$+4m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{103}^{(10)} + m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{013}^{(00)} + m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{211}^{(21)}$$
$$+5m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{121}^{(20)} - 5m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{112}^{(10)} - m_{100}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{022}^{(00)}$$
$$+m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(00)}m_{031}^{(22)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(00)}m_{022}^{(21)} + m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(00)}m_{013}^{(11)}$$
$$-m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{121}^{(22)} - 4m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{112}^{(21)} + m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{103}^{(11)}$$
$$+2m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{022}^{(20)} + 2m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{013}^{(10)} + m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{202}^{(21)}$$
$$+m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{112}^{(20)} - m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{103}^{(10)} - m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{013}^{(00)}$$
$$-m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{130}^{(22)} + 7m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{121}^{(21)} - 2m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{112}^{(11)}$$
$$-m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{031}^{(20)} - 3m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{022}^{(10)} + m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{220}^{(22)}$$
$$-m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{211}^{(21)} + m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{202}^{(11)} - m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{121}^{(20)}$$
$$-m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{112}^{(10)} + m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{022}^{(00)} - m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(22)}m_{220}^{(21)}$$
$$-m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(22)}m_{211}^{(11)} - m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(22)}m_{130}^{(20)} + 3m_{100}^{(20)}m_{010}^{(10)}m_{001}^{(22)}m_{121}^{(10)}$$
$$+3m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{211}^{(22)} - 4m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{103}^{(10)} + m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{013}^{(00)}$$
$$+2m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(21)}m_{202}^{(20)} - 2m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(21)}m_{103}^{(00)} - m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{301}^{(21)}$$
$$-3m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{211}^{(20)} + 3m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{202}^{(10)} + m_{100}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{112}^{(00)}$$
$$+m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{112}^{(21)} - m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{103}^{(11)} + 3m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{202}^{(21)}$$
$$-m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{112}^{(20)} - m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{103}^{(10)} - m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{013}^{(00)}$$
$$-2m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(11)}m_{202}^{(20)} + 2m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(11)}m_{103}^{(00)} - 4m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{211}^{(21)}$$
$$+4m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{112}^{(10)} - m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{301}^{(21)} + 3m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{211}^{(20)}$$
$$-m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{202}^{(10)} - m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{112}^{(00)} + m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(22)}m_{310}^{(21)}$$
$$+m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(22)}m_{301}^{(11)} - 2m_{100}^{(20)}m_{010}^{(11)}m_{001}^{(22)}m_{211}^{(10)} + 2m_{100}^{(20)}(m_{010}^{(20)})^2m_{130}^{(22)}$$
$$-2m_{100}^{(20)}(m_{010}^{(20)})^2m_{022}^{(10)} - 2m_{100}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{220}^{(22)} - m_{100}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{211}^{(21)}$$
$$+m_{100}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{121}^{(20)} + 5m_{100}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{112}^{(10)} - 3m_{100}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{022}^{(00)}$$
$$-2m_{100}^{(20)}m_{010}^{(20)}m_{010}^{(22)}m_{130}^{(20)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{010}^{(22)}m_{031}^{(00)} - m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(00)}m_{040}^{(22)}$$
$$+2m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(00)}m_{031}^{(21)} - m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(00)}m_{022}^{(11)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{130}^{(22)}$$
$$+m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{121}^{(21)} + m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{112}^{(11)} - m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{031}^{(20)}$$
$$-3m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{022}^{(10)} - m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{220}^{(22)} - m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{211}^{(21)}$$
$$-m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{121}^{(20)} + 3m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{112}^{(10)} - 4m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(20)}m_{130}^{(21)}$$
$$+4m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(20)}m_{031}^{(10)} + 2m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(21)}m_{220}^{(21)} - m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(21)}m_{211}^{(11)}$$
$$+2m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(21)}m_{130}^{(20)} - 4m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(21)}m_{121}^{(10)} + m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(21)}m_{031}^{(00)}$$

$$
\begin{aligned}
&+m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(22)}m_{220}^{(11)} - m_{100}^{(20)}m_{010}^{(20)}m_{001}^{(22)}m_{040}^{(00)} + m_{100}^{(20)}(m_{010}^{(21)})^2m_{301}^{(21)}\\
&-m_{100}^{(20)}(m_{010}^{(21)})^2m_{211}^{(20)} - 3m_{100}^{(20)}(m_{010}^{(21)})^2m_{202}^{(10)} + 3m_{100}^{(20)}(m_{010}^{(21)})^2m_{112}^{(00)}\\
&+2m_{100}^{(20)}m_{010}^{(21)}m_{010}^{(22)}m_{220}^{(20)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{010}^{(22)}m_{121}^{(00)} - m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(21)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{112}^{(11)} - m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{031}^{(20)} + m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{022}^{(10)}\\
&-2m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(21)} - m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{202}^{(11)} + 2m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{121}^{(20)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{022}^{(00)} + m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{301}^{(21)} + m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{211}^{(20)}\\
&-m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{202}^{(10)} - m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{112}^{(00)} + 3m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{220}^{(21)}\\
&+2m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{211}^{(11)} + m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{130}^{(20)} - 7m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{121}^{(10)}\\
&+m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{031}^{(00)} - m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(21)}m_{310}^{(21)} - m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(21)}m_{301}^{(11)}\\
&-3m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(21)}m_{220}^{(20)} + 7m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(21)}m_{211}^{(10)} - 2m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(21)}m_{121}^{(00)}\\
&-m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(22)}m_{310}^{(11)} + m_{100}^{(20)}m_{010}^{(21)}m_{001}^{(22)}m_{130}^{(00)} + m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(20)}\\
&-m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(00)}m_{031}^{(10)} - 2m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{130}^{(20)} + 2m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{121}^{(10)}\\
&+m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(11)}m_{220}^{(20)} - m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(11)}m_{211}^{(10)} - m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(20)}m_{220}^{(11)}\\
&+2m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(20)}m_{130}^{(10)} - m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(20)}m_{040}^{(00)} + m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(21)}m_{310}^{(11)}\\
&-2m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(21)}m_{220}^{(10)} + m_{100}^{(20)}m_{010}^{(22)}m_{001}^{(21)}m_{130}^{(00)} - m_{100}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(21)}\\
&+m_{100}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{112}^{(11)} + m_{100}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{031}^{(20)} - m_{100}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{022}^{(10)}\\
&+m_{100}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{130}^{(21)} - m_{100}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{121}^{(11)} - m_{100}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{040}^{(20)}\\
&+m_{100}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{031}^{(10)} + m_{100}^{(20)}(m_{001}^{(10)})^2m_{121}^{(21)} + m_{100}^{(20)}(m_{001}^{(10)})^2m_{112}^{(11)}\\
&-m_{100}^{(20)}(m_{001}^{(10)})^2m_{031}^{(20)} - m_{100}^{(20)}(m_{001}^{(10)})^2m_{022}^{(10)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{202}^{(11)}\\
&+2m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{022}^{(00)} - m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{130}^{(21)} - 3m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{121}^{(11)}\\
&+m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{040}^{(20)} + 3m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{031}^{(10)} - m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{220}^{(21)}\\
&+2m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{211}^{(11)} + m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{130}^{(20)} + m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{121}^{(10)}\\
&-3m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{031}^{(00)} + m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(22)}m_{220}^{(11)} - 2m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(22)}m_{130}^{(10)}\\
&+m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(22)}m_{040}^{(00)} + 2m_{100}^{(20)}(m_{001}^{(11)})^2m_{202}^{(10)} - 2m_{100}^{(20)}(m_{001}^{(11)})^2m_{112}^{(00)}\\
&+m_{100}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{220}^{(21)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{211}^{(11)} - m_{100}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{130}^{(20)}\\
&-m_{100}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{121}^{(10)} - m_{100}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{031}^{(00)} - 4m_{100}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{211}^{(10)}\\
&+4m_{100}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{121}^{(00)} - m_{100}^{(20)}m_{001}^{(11)}m_{001}^{(22)}m_{310}^{(11)} + 2m_{100}^{(20)}m_{001}^{(11)}m_{001}^{(22)}m_{220}^{(10)}\\
&-m_{100}^{(20)}m_{001}^{(11)}m_{001}^{(22)}m_{130}^{(00)} + 2m_{100}^{(20)}(m_{001}^{(20)})^2m_{130}^{(11)} - 2m_{100}^{(20)}(m_{001}^{(20)})^2m_{040}^{(10)}\\
&-3m_{100}^{(20)}m_{001}^{(20)}m_{001}^{(21)}m_{220}^{(11)} + 2m_{100}^{(20)}m_{001}^{(20)}m_{001}^{(21)}m_{130}^{(10)} + m_{100}^{(20)}m_{001}^{(20)}m_{001}^{(21)}m_{040}^{(00)}\\
&+m_{100}^{(20)}(m_{001}^{(21)})^2m_{310}^{(11)} - m_{100}^{(20)}(m_{001}^{(21)})^2m_{130}^{(00)} + (m_{100}^{(21)})^3m_{220}^{(22)} - (m_{100}^{(21)})^3m_{202}^{(11)}\\
&-(m_{100}^{(21)})^2m_{100}^{(22)}m_{220}^{(21)} + (m_{100}^{(21)})^2m_{100}^{(22)}m_{211}^{(11)} - (m_{100}^{(21)})^2m_{010}^{(00)}m_{121}^{(22)}\\
&+(m_{100}^{(21)})^2m_{010}^{(00)}m_{103}^{(11)} + (m_{100}^{(21)})^2m_{010}^{(10)}m_{211}^{(22)} - (m_{100}^{(21)})^2m_{010}^{(10)}m_{202}^{(21)}\\
&+(m_{100}^{(21)})^2m_{010}^{(10)}m_{112}^{(20)} - (m_{100}^{(21)})^2m_{010}^{(10)}m_{103}^{(10)} + (m_{100}^{(21)})^2m_{010}^{(11)}m_{301}^{(22)}\\
&-(m_{100}^{(21)})^2m_{010}^{(11)}m_{202}^{(20)} + (m_{100}^{(21)})^2m_{010}^{(20)}m_{220}^{(22)} + (m_{100}^{(21)})^2m_{010}^{(20)}m_{211}^{(21)}\\
&-2(m_{100}^{(21)})^2m_{010}^{(20)}m_{202}^{(11)} - (m_{100}^{(21)})^2m_{010}^{(20)}m_{121}^{(20)} + (m_{100}^{(21)})^2m_{010}^{(20)}m_{112}^{(10)}\\
&-2(m_{100}^{(21)})^2m_{010}^{(21)}m_{310}^{(22)} + 2(m_{100}^{(21)})^2m_{010}^{(21)}m_{202}^{(10)} + (m_{100}^{(21)})^2m_{010}^{(22)}m_{301}^{(11)}\\
&+(m_{100}^{(21)})^2m_{010}^{(22)}m_{220}^{(20)} - 2(m_{100}^{(21)})^2m_{010}^{(22)}m_{211}^{(10)} - (m_{100}^{(21)})^2m_{001}^{(00)}m_{130}^{(22)}\\
&+(m_{100}^{(21)})^2m_{001}^{(00)}m_{112}^{(11)} + 2(m_{100}^{(21)})^2m_{001}^{(10)}m_{220}^{(22)} - (m_{100}^{(21)})^2m_{001}^{(10)}m_{211}^{(21)}
\end{aligned}
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\begin{aligned}
&-(m_{100}^{(21)})^2 m_{001}^{(10)} m_{202}^{(11)} - (m_{100}^{(21)})^2 m_{001}^{(10)} m_{121}^{(20)} + (m_{100}^{(21)})^2 m_{001}^{(10)} m_{112}^{(10)} \\
&-(m_{100}^{(21)})^2 m_{001}^{(11)} m_{310}^{(22)} + 2(m_{100}^{(21)})^2 m_{001}^{(11)} m_{211}^{(20)} - (m_{100}^{(21)})^2 m_{001}^{(11)} m_{202}^{(10)} \\
&+(m_{100}^{(21)})^2 m_{001}^{(20)} m_{220}^{(21)} - (m_{100}^{(21)})^2 m_{001}^{(20)} m_{211}^{(11)} + (m_{100}^{(21)})^2 m_{001}^{(20)} m_{130}^{(20)} \\
&-(m_{100}^{(21)})^2 m_{001}^{(20)} m_{121}^{(10)} + 2(m_{100}^{(21)})^2 m_{001}^{(21)} m_{301}^{(11)} - 2(m_{100}^{(21)})^2 m_{001}^{(21)} m_{220}^{(20)} \\
&-(m_{100}^{(21)})^2 m_{001}^{(22)} m_{310}^{(11)} + (m_{100}^{(21)})^2 m_{001}^{(22)} m_{220}^{(10)} + m_{100}^{(21)} m_{100}^{(22)} m_{010}^{(00)} m_{130}^{(22)} \\
&+m_{100}^{(21)} m_{100}^{(22)} m_{010}^{(00)} m_{121}^{(21)} - 2m_{100}^{(21)} m_{100}^{(22)} m_{010}^{(00)} m_{112}^{(11)} - 2m_{100}^{(21)} m_{100}^{(22)} m_{010}^{(10)} m_{220}^{(22)} \\
&+2m_{100}^{(21)} m_{100}^{(22)} m_{010}^{(10)} m_{202}^{(11)} + m_{100}^{(21)} m_{100}^{(22)} m_{010}^{(11)} m_{310}^{(22)} - m_{100}^{(21)} m_{100}^{(22)} m_{010}^{(11)} m_{301}^{(21)} \\
&-2m_{100}^{(21)} m_{100}^{(22)} m_{010}^{(20)} m_{220}^{(21)} + 2m_{100}^{(21)} m_{100}^{(22)} m_{010}^{(20)} m_{211}^{(11)} + 2m_{100}^{(21)} m_{100}^{(22)} m_{010}^{(21)} m_{310}^{(21)} \\
&-2m_{100}^{(21)} m_{100}^{(22)} m_{010}^{(21)} m_{301}^{(11)} + m_{100}^{(21)} m_{100}^{(22)} m_{001}^{(00)} m_{130}^{(21)} - m_{100}^{(21)} m_{100}^{(22)} m_{001}^{(00)} m_{121}^{(11)} \\
&-2m_{100}^{(21)} m_{100}^{(22)} m_{001}^{(10)} m_{220}^{(21)} + 2m_{100}^{(21)} m_{100}^{(22)} m_{001}^{(10)} m_{211}^{(11)} + m_{100}^{(21)} m_{100}^{(22)} m_{001}^{(11)} m_{310}^{(21)} \\
&-m_{100}^{(21)} m_{100}^{(22)} m_{001}^{(11)} m_{301}^{(11)} - 2m_{100}^{(21)} m_{010}^{(00)} m_{010}^{(10)} m_{112}^{(22)} + 2m_{100}^{(21)} m_{010}^{(00)} m_{010}^{(10)} m_{013}^{(20)} \\
&+2m_{100}^{(21)} m_{010}^{(00)} m_{010}^{(20)} m_{121}^{(22)} - 2m_{100}^{(21)} m_{010}^{(00)} m_{010}^{(20)} m_{022}^{(20)} + m_{100}^{(21)} m_{010}^{(00)} m_{010}^{(21)} m_{211}^{(22)} \\
&+m_{100}^{(21)} m_{010}^{(00)} m_{010}^{(21)} m_{202}^{(21)} - m_{100}^{(21)} m_{010}^{(00)} m_{010}^{(21)} m_{112}^{(20)} - m_{100}^{(21)} m_{010}^{(00)} m_{010}^{(21)} m_{103}^{(10)} \\
&-m_{100}^{(21)} m_{010}^{(00)} m_{010}^{(22)} m_{220}^{(22)} - m_{100}^{(21)} m_{010}^{(00)} m_{010}^{(22)} m_{211}^{(21)} + m_{100}^{(21)} m_{010}^{(00)} m_{010}^{(22)} m_{121}^{(20)} \\
&+m_{100}^{(21)} m_{010}^{(00)} m_{010}^{(22)} m_{112}^{(10)} + 2m_{100}^{(21)} m_{010}^{(00)} m_{001}^{(10)} m_{112}^{(21)} - 2m_{100}^{(21)} m_{010}^{(00)} m_{001}^{(10)} m_{022}^{(20)} \\
&-m_{100}^{(21)} m_{010}^{(00)} m_{001}^{(11)} m_{112}^{(20)} + m_{100}^{(21)} m_{010}^{(00)} m_{001}^{(11)} m_{103}^{(10)} - 2m_{100}^{(21)} m_{010}^{(00)} m_{001}^{(20)} m_{121}^{(21)} \\
&+2m_{100}^{(21)} m_{010}^{(00)} m_{001}^{(20)} m_{031}^{(20)} - m_{100}^{(21)} m_{010}^{(00)} m_{001}^{(21)} m_{211}^{(21)} - m_{100}^{(21)} m_{010}^{(00)} m_{001}^{(21)} m_{202}^{(11)} \\
&+3m_{100}^{(21)} m_{010}^{(00)} m_{001}^{(21)} m_{121}^{(20)} - m_{100}^{(21)} m_{010}^{(00)} m_{001}^{(21)} m_{112}^{(10)} + m_{100}^{(21)} m_{010}^{(00)} m_{001}^{(22)} m_{220}^{(21)} \\
&+m_{100}^{(21)} m_{010}^{(00)} m_{001}^{(22)} m_{211}^{(11)} - 2m_{100}^{(21)} m_{010}^{(00)} m_{001}^{(22)} m_{130}^{(20)} + 2m_{100}^{(21)} (m_{010}^{(10)})^2 m_{202}^{(22)} \\
&-2m_{100}^{(21)} (m_{010}^{(10)})^2 m_{103}^{(20)} - m_{100}^{(21)} m_{010}^{(10)} m_{010}^{(20)} m_{211}^{(22)} - m_{100}^{(21)} m_{010}^{(10)} m_{010}^{(20)} m_{202}^{(21)} \\
&+3m_{100}^{(21)} m_{010}^{(10)} m_{010}^{(20)} m_{112}^{(20)} + m_{100}^{(21)} m_{010}^{(10)} m_{010}^{(20)} m_{103}^{(10)} - 2m_{100}^{(21)} m_{010}^{(10)} m_{010}^{(20)} m_{013}^{(00)} \\
&-3m_{100}^{(21)} m_{010}^{(10)} m_{010}^{(21)} m_{301}^{(22)} + 2m_{100}^{(21)} m_{010}^{(10)} m_{010}^{(21)} m_{202}^{(20)} + m_{100}^{(21)} m_{010}^{(10)} m_{010}^{(21)} m_{103}^{(00)} \\
&+2m_{100}^{(21)} m_{010}^{(10)} m_{010}^{(22)} m_{310}^{(22)} + m_{100}^{(21)} m_{010}^{(10)} m_{010}^{(22)} m_{301}^{(21)} - 3m_{100}^{(21)} m_{010}^{(10)} m_{010}^{(22)} m_{211}^{(20)} \\
&-m_{100}^{(21)} m_{010}^{(10)} m_{010}^{(22)} m_{202}^{(10)} + m_{100}^{(21)} m_{010}^{(10)} m_{010}^{(22)} m_{112}^{(00)} + 2m_{100}^{(21)} m_{010}^{(10)} m_{001}^{(00)} m_{112}^{(21)} \\
&-2m_{100}^{(21)} m_{010}^{(10)} m_{001}^{(00)} m_{013}^{(10)} + m_{100}^{(21)} m_{010}^{(10)} m_{001}^{(10)} m_{211}^{(22)} - 3m_{100}^{(21)} m_{010}^{(10)} m_{001}^{(10)} m_{202}^{(21)} \\
&+m_{100}^{(21)} m_{010}^{(10)} m_{001}^{(10)} m_{112}^{(20)} - m_{100}^{(21)} m_{010}^{(10)} m_{001}^{(10)} m_{103}^{(10)} + 2m_{100}^{(21)} m_{010}^{(10)} m_{001}^{(10)} m_{013}^{(00)} \\
&-m_{100}^{(21)} m_{010}^{(10)} m_{001}^{(11)} m_{301}^{(22)} + 2m_{100}^{(21)} m_{010}^{(10)} m_{001}^{(11)} m_{202}^{(20)} - m_{100}^{(21)} m_{010}^{(10)} m_{001}^{(11)} m_{103}^{(00)} \\
&-m_{100}^{(21)} m_{010}^{(10)} m_{001}^{(20)} m_{220}^{(22)} + m_{100}^{(21)} m_{010}^{(10)} m_{001}^{(20)} m_{202}^{(11)} - 2m_{100}^{(21)} m_{010}^{(10)} m_{001}^{(20)} m_{121}^{(20)} \\
&+2m_{100}^{(21)} m_{010}^{(10)} m_{001}^{(20)} m_{112}^{(10)} + m_{100}^{(21)} m_{010}^{(10)} m_{001}^{(21)} m_{310}^{(22)} + 2m_{100}^{(21)} m_{010}^{(10)} m_{001}^{(21)} m_{301}^{(21)} \\
&-4m_{100}^{(21)} m_{010}^{(10)} m_{001}^{(21)} m_{211}^{(20)} + 2m_{100}^{(21)} m_{010}^{(10)} m_{001}^{(21)} m_{202}^{(10)} - m_{100}^{(21)} m_{010}^{(10)} m_{001}^{(21)} m_{112}^{(00)} \\
&-m_{100}^{(21)} m_{010}^{(10)} m_{001}^{(22)} m_{310}^{(21)} - m_{100}^{(21)} m_{010}^{(10)} m_{001}^{(22)} m_{301}^{(11)} + 3m_{100}^{(21)} m_{010}^{(10)} m_{001}^{(22)} m_{220}^{(20)} \\
&-m_{100}^{(21)} m_{010}^{(10)} m_{001}^{(22)} m_{211}^{(10)} + m_{100}^{(21)} m_{010}^{(11)} m_{010}^{(20)} m_{301}^{(22)} - 2m_{100}^{(21)} m_{010}^{(11)} m_{010}^{(20)} m_{202}^{(20)} \\
&+m_{100}^{(21)} m_{010}^{(11)} m_{010}^{(20)} m_{103}^{(00)} - m_{100}^{(21)} m_{010}^{(11)} m_{010}^{(22)} m_{400}^{(22)} + 2m_{100}^{(21)} m_{010}^{(11)} m_{010}^{(22)} m_{301}^{(20)} \\
&-m_{100}^{(21)} m_{010}^{(11)} m_{010}^{(22)} m_{202}^{(00)} - m_{100}^{(21)} m_{010}^{(11)} m_{001}^{(00)} m_{211}^{(22)} - m_{100}^{(21)} m_{010}^{(11)} m_{001}^{(00)} m_{202}^{(21)} \\
&+2m_{100}^{(21)} m_{010}^{(11)} m_{001}^{(00)} m_{103}^{(10)} + m_{100}^{(21)} m_{010}^{(11)} m_{001}^{(10)} m_{301}^{(22)} - m_{100}^{(21)} m_{010}^{(11)} m_{001}^{(10)} m_{103}^{(00)} \\
&+m_{100}^{(21)} m_{010}^{(11)} m_{001}^{(20)} m_{310}^{(22)} + m_{100}^{(21)} m_{010}^{(11)} m_{001}^{(20)} m_{301}^{(21)} + m_{100}^{(21)} m_{010}^{(11)} m_{001}^{(20)} m_{211}^{(20)} \\
&-3m_{100}^{(21)} m_{010}^{(11)} m_{001}^{(20)} m_{202}^{(10)} - m_{100}^{(21)} m_{010}^{(11)} m_{001}^{(21)} m_{400}^{(22)} + m_{100}^{(21)} m_{010}^{(11)} m_{001}^{(21)} m_{202}^{(00)} \\
&-m_{100}^{(21)} m_{010}^{(11)} m_{001}^{(22)} m_{310}^{(20)} + m_{100}^{(21)} m_{010}^{(11)} m_{001}^{(22)} m_{301}^{(10)} - m_{100}^{(21)} (m_{010}^{(20)})^2 m_{220}^{(22)}
\end{aligned}
$$

$$+m_{100}^{(21)}(m_{010}^{(20)})^2m_{211}^{(21)} - m_{100}^{(21)}(m_{010}^{(20)})^2m_{121}^{(20)} - m_{100}^{(21)}(m_{010}^{(20)})^2m_{112}^{(10)}$$
$$+2m_{100}^{(21)}(m_{010}^{(20)})^2m_{022}^{(00)} - m_{100}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{301}^{(21)} + m_{100}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{211}^{(20)}$$
$$+m_{100}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{202}^{(10)} - m_{100}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{112}^{(00)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{010}^{(22)}m_{220}^{(20)}$$
$$-2m_{100}^{(21)}m_{010}^{(20)}m_{010}^{(22)}m_{121}^{(00)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{121}^{(21)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{022}^{(10)}$$
$$+2m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(11)}m_{211}^{(20)} - 2m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(11)}m_{202}^{(10)} + 3m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(20)}m_{220}^{(21)}$$
$$-m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(20)}m_{211}^{(11)} + m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(20)}m_{130}^{(20)} - m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(20)}m_{121}^{(10)}$$
$$-2m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(20)}m_{031}^{(00)} - m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(21)}m_{310}^{(21)} + 2m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(21)}m_{301}^{(11)}$$
$$-3m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(21)}m_{220}^{(20)} + m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(21)}m_{211}^{(10)} + m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(21)}m_{121}^{(00)}$$
$$-m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(22)}m_{310}^{(11)} + m_{100}^{(21)}m_{010}^{(20)}m_{001}^{(22)}m_{130}^{(00)} + m_{100}^{(21)}(m_{010}^{(21)})^2m_{400}^{(22)}$$
$$-m_{100}^{(21)}(m_{010}^{(21)})^2m_{202}^{(00)} - 2m_{100}^{(21)}m_{010}^{(21)}m_{010}^{(22)}m_{310}^{(20)} + 2m_{100}^{(21)}m_{010}^{(21)}m_{010}^{(22)}m_{211}^{(00)}$$
$$+m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{220}^{(22)} + m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{211}^{(21)} + m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{121}^{(20)}$$
$$-3m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{112}^{(10)} - 2m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{310}^{(22)} + m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{301}^{(21)}$$
$$-m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{211}^{(20)} + 3m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{202}^{(10)} - m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{112}^{(00)}$$
$$+m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(11)}m_{400}^{(22)} - 2m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(11)}m_{301}^{(20)} + m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(11)}m_{202}^{(00)}$$
$$-2m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{310}^{(21)} - m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{301}^{(11)} - 2m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{220}^{(20)}$$
$$+4m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{211}^{(10)} + m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{121}^{(00)} + 4m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(21)}m_{310}^{(20)}$$
$$-4m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(21)}m_{301}^{(10)} + m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(22)}m_{400}^{(11)} - m_{100}^{(21)}m_{010}^{(21)}m_{001}^{(22)}m_{220}^{(00)}$$
$$-m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{130}^{(20)} + m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{121}^{(10)} + 2m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(10)}m_{220}^{(20)}$$
$$-2m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(10)}m_{211}^{(10)} - m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(11)}m_{310}^{(20)} + m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(11)}m_{301}^{(10)}$$
$$+m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(20)}m_{310}^{(11)} - 2m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(20)}m_{220}^{(10)} + m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(20)}m_{130}^{(00)}$$
$$-m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(21)}m_{400}^{(11)} + 2m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(21)}m_{310}^{(10)} - m_{100}^{(21)}m_{010}^{(22)}m_{001}^{(21)}m_{220}^{(00)}$$
$$-2m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{112}^{(11)} + 2m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{022}^{(10)} + m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{211}^{(21)}$$
$$+m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{202}^{(11)} - m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{121}^{(20)} - m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{112}^{(10)}$$
$$+2m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{121}^{(11)} - 2m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{031}^{(10)} - m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{220}^{(21)}$$
$$-m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{211}^{(11)} + m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{130}^{(20)} + m_{100}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{121}^{(10)}$$
$$-m_{100}^{(21)}(m_{001}^{(10)})^2m_{211}^{(21)} + m_{100}^{(21)}(m_{001}^{(10)})^2m_{202}^{(11)} + m_{100}^{(21)}(m_{001}^{(10)})^2m_{121}^{(20)}$$
$$+m_{100}^{(21)}(m_{001}^{(10)})^2m_{112}^{(10)} - 2m_{100}^{(21)}(m_{001}^{(10)})^2m_{022}^{(00)} - 2m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{202}^{(10)}$$
$$+2m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{112}^{(00)} + m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{220}^{(21)} + m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{211}^{(11)}$$
$$-m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{130}^{(20)} - 3m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{121}^{(10)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{031}^{(00)}$$
$$+m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{310}^{(21)} - m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{220}^{(20)} - m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{211}^{(10)}$$
$$+m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{121}^{(00)} - m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(22)}m_{310}^{(11)} + 2m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(22)}m_{220}^{(10)}$$
$$-m_{100}^{(21)}m_{001}^{(10)}m_{001}^{(22)}m_{130}^{(00)} - m_{100}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{310}^{(21)} - 2m_{100}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{301}^{(11)}$$
$$+m_{100}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{220}^{(20)} + 3m_{100}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{211}^{(10)} - m_{100}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{121}^{(00)}$$
$$+2m_{100}^{(21)}m_{001}^{(11)}m_{001}^{(21)}m_{301}^{(10)} - 2m_{100}^{(21)}m_{001}^{(11)}m_{001}^{(21)}m_{211}^{(00)} + m_{100}^{(21)}m_{001}^{(11)}m_{001}^{(22)}m_{400}^{(11)}$$
$$-2m_{100}^{(21)}m_{001}^{(11)}m_{001}^{(22)}m_{310}^{(10)} + m_{100}^{(21)}m_{001}^{(11)}m_{001}^{(22)}m_{220}^{(00)} - 2m_{100}^{(21)}(m_{001}^{(20)})^2m_{220}^{(11)}$$
$$+2m_{100}^{(21)}(m_{001}^{(20)})^2m_{130}^{(10)} + 3m_{100}^{(21)}m_{001}^{(20)}m_{001}^{(21)}m_{310}^{(11)} - 2m_{100}^{(21)}m_{001}^{(20)}m_{001}^{(21)}m_{220}^{(10)}$$
$$-m_{100}^{(21)}m_{001}^{(20)}m_{001}^{(21)}m_{130}^{(00)} - m_{100}^{(21)}(m_{001}^{(21)})^2m_{400}^{(11)} + m_{100}^{(21)}(m_{001}^{(21)})^2m_{220}^{(00)}$$
$$-(m_{100}^{(22)})^2m_{010}^{(00)}m_{130}^{(21)} + (m_{100}^{(22)})^2m_{010}^{(00)}m_{121}^{(11)} + 2(m_{100}^{(22)})^2m_{010}^{(10)}m_{220}^{(21)}$$

$$
\begin{aligned}
&-2(m_{100}^{(22)})^2 m_{010}^{(10)} m_{211}^{(11)} - (m_{100}^{(22)})^2 m_{010}^{(11)} m_{310}^{(21)} + (m_{100}^{(22)})^2 m_{010}^{(11)} m_{301}^{(11)} \\
&+m_{100}^{(22)} m_{010}^{(00)} m_{010}^{(10)} m_{121}^{(22)} - m_{100}^{(22)} m_{010}^{(00)} m_{010}^{(10)} m_{022}^{(20)} + m_{100}^{(22)} m_{010}^{(00)} m_{010}^{(11)} m_{112}^{(20)} \\
&-m_{100}^{(22)} m_{010}^{(00)} m_{010}^{(11)} m_{103}^{(10)} - m_{100}^{(22)} m_{010}^{(00)} m_{010}^{(20)} m_{130}^{(22)} + m_{100}^{(22)} m_{010}^{(00)} m_{010}^{(20)} m_{031}^{(20)} \\
&-m_{100}^{(22)} m_{010}^{(00)} m_{010}^{(21)} m_{211}^{(21)} - 2m_{100}^{(22)} m_{010}^{(00)} m_{010}^{(21)} m_{121}^{(20)} + 3m_{100}^{(22)} m_{010}^{(00)} m_{010}^{(21)} m_{112}^{(10)} \\
&+m_{100}^{(22)} m_{010}^{(00)} m_{010}^{(22)} m_{220}^{(21)} + m_{100}^{(22)} m_{010}^{(00)} m_{010}^{(22)} m_{130}^{(20)} - 2m_{100}^{(22)} m_{010}^{(00)} m_{010}^{(22)} m_{121}^{(10)} \\
&-m_{100}^{(22)} m_{010}^{(00)} m_{001}^{(10)} m_{121}^{(21)} + m_{100}^{(22)} m_{010}^{(00)} m_{001}^{(10)} m_{031}^{(20)} + m_{100}^{(22)} m_{010}^{(00)} m_{001}^{(20)} m_{130}^{(21)} \\
&-m_{100}^{(22)} m_{010}^{(00)} m_{001}^{(20)} m_{040}^{(20)} + m_{100}^{(22)} m_{010}^{(00)} m_{001}^{(21)} m_{211}^{(11)} - m_{100}^{(22)} m_{010}^{(00)} m_{001}^{(21)} m_{121}^{(10)} \\
&-m_{100}^{(22)} m_{010}^{(00)} m_{001}^{(22)} m_{220}^{(11)} + m_{100}^{(22)} m_{010}^{(00)} m_{001}^{(22)} m_{130}^{(10)} - 2m_{100}^{(22)} (m_{010}^{(10)})^2 m_{211}^{(22)} \\
&+m_{100}^{(22)} (m_{010}^{(10)})^2 m_{112}^{(20)} + m_{100}^{(22)} (m_{010}^{(10)})^2 m_{103}^{(10)} + m_{100}^{(22)} m_{010}^{(10)} m_{010}^{(11)} m_{301}^{(22)} \\
&-m_{100}^{(22)} m_{010}^{(10)} m_{010}^{(11)} m_{202}^{(20)} + 2m_{100}^{(22)} m_{010}^{(10)} m_{010}^{(20)} m_{220}^{(22)} + m_{100}^{(22)} m_{010}^{(10)} m_{010}^{(20)} m_{211}^{(21)} \\
&-m_{100}^{(22)} m_{010}^{(10)} m_{010}^{(20)} m_{121}^{(20)} - 3m_{100}^{(22)} m_{010}^{(10)} m_{010}^{(20)} m_{112}^{(10)} + m_{100}^{(22)} m_{010}^{(10)} m_{010}^{(20)} m_{022}^{(00)} \\
&+m_{100}^{(22)} m_{010}^{(10)} m_{010}^{(21)} m_{301}^{(21)} + 3m_{100}^{(22)} m_{010}^{(10)} m_{010}^{(21)} m_{211}^{(20)} - 3m_{100}^{(22)} m_{010}^{(10)} m_{010}^{(21)} m_{202}^{(10)} \\
&-m_{100}^{(22)} m_{010}^{(10)} m_{010}^{(21)} m_{112}^{(00)} - 2m_{100}^{(22)} m_{010}^{(10)} m_{010}^{(22)} m_{310}^{(21)} - 2m_{100}^{(22)} m_{010}^{(10)} m_{010}^{(22)} m_{220}^{(20)} \\
&+4m_{100}^{(22)} m_{010}^{(10)} m_{010}^{(22)} m_{211}^{(10)} - m_{100}^{(22)} m_{010}^{(10)} m_{001}^{(00)} m_{121}^{(21)} + m_{100}^{(22)} m_{010}^{(10)} m_{001}^{(00)} m_{022}^{(10)} \\
&+3m_{100}^{(22)} m_{010}^{(10)} m_{001}^{(10)} m_{211}^{(21)} - m_{100}^{(22)} m_{010}^{(10)} m_{001}^{(10)} m_{121}^{(20)} - m_{100}^{(22)} m_{010}^{(10)} m_{001}^{(10)} m_{112}^{(10)} \\
&-m_{100}^{(22)} m_{010}^{(10)} m_{001}^{(10)} m_{022}^{(00)} - m_{100}^{(22)} m_{010}^{(10)} m_{001}^{(11)} m_{211}^{(20)} + m_{100}^{(22)} m_{010}^{(10)} m_{001}^{(11)} m_{112}^{(00)} \\
&-m_{100}^{(22)} m_{010}^{(10)} m_{001}^{(20)} m_{220}^{(21)} - m_{100}^{(22)} m_{010}^{(10)} m_{001}^{(20)} m_{211}^{(11)} + m_{100}^{(22)} m_{010}^{(10)} m_{001}^{(20)} m_{130}^{(20)} \\
&+m_{100}^{(22)} m_{010}^{(10)} m_{001}^{(20)} m_{121}^{(10)} - m_{100}^{(22)} m_{010}^{(10)} m_{001}^{(21)} m_{310}^{(21)} - m_{100}^{(22)} m_{010}^{(10)} m_{001}^{(21)} m_{301}^{(11)} \\
&+m_{100}^{(22)} m_{010}^{(10)} m_{001}^{(21)} m_{220}^{(20)} + m_{100}^{(22)} m_{010}^{(10)} m_{001}^{(21)} m_{211}^{(10)} + 2m_{100}^{(22)} m_{010}^{(10)} m_{001}^{(22)} m_{310}^{(11)} \\
&-2m_{100}^{(22)} m_{010}^{(10)} m_{001}^{(22)} m_{220}^{(10)} - m_{100}^{(22)} m_{010}^{(11)} m_{010}^{(20)} m_{310}^{(22)} - m_{100}^{(22)} m_{010}^{(11)} m_{010}^{(20)} m_{301}^{(21)} \\
&+3m_{100}^{(22)} m_{010}^{(11)} m_{010}^{(20)} m_{202}^{(10)} - m_{100}^{(22)} m_{010}^{(11)} m_{010}^{(20)} m_{112}^{(00)} - m_{100}^{(22)} m_{010}^{(11)} m_{010}^{(21)} m_{301}^{(20)} \\
&+m_{100}^{(22)} m_{010}^{(11)} m_{010}^{(21)} m_{202}^{(00)} + m_{100}^{(22)} m_{010}^{(11)} m_{010}^{(22)} m_{400}^{(21)} + m_{100}^{(22)} m_{010}^{(11)} m_{010}^{(22)} m_{310}^{(20)} \\
&-2m_{100}^{(22)} m_{010}^{(11)} m_{010}^{(22)} m_{301}^{(10)} + m_{100}^{(22)} m_{010}^{(11)} m_{001}^{(00)} m_{211}^{(21)} - m_{100}^{(22)} m_{010}^{(11)} m_{001}^{(00)} m_{112}^{(10)} \\
&-2m_{100}^{(22)} m_{010}^{(11)} m_{001}^{(10)} m_{301}^{(21)} + m_{100}^{(22)} m_{010}^{(11)} m_{001}^{(10)} m_{202}^{(10)} + m_{100}^{(22)} m_{010}^{(11)} m_{001}^{(10)} m_{112}^{(00)} \\
&+m_{100}^{(22)} m_{010}^{(11)} m_{001}^{(11)} m_{301}^{(20)} - m_{100}^{(22)} m_{010}^{(11)} m_{001}^{(11)} m_{202}^{(00)} + m_{100}^{(22)} m_{010}^{(11)} m_{001}^{(20)} m_{301}^{(11)} \\
&-m_{100}^{(22)} m_{010}^{(11)} m_{001}^{(20)} m_{211}^{(10)} + m_{100}^{(22)} m_{010}^{(11)} m_{001}^{(21)} m_{400}^{(21)} - m_{100}^{(22)} m_{010}^{(11)} m_{001}^{(21)} m_{310}^{(20)} \\
&-m_{100}^{(22)} m_{010}^{(11)} m_{001}^{(22)} m_{400}^{(11)} + m_{100}^{(22)} m_{010}^{(11)} m_{001}^{(22)} m_{310}^{(10)} - m_{100}^{(22)} (m_{010}^{(20)})^2 m_{220}^{(21)} \\
&+2m_{100}^{(22)} (m_{010}^{(20)})^2 m_{121}^{(10)} - m_{100}^{(22)} (m_{010}^{(20)})^2 m_{031}^{(00)} + 2m_{100}^{(22)} m_{010}^{(20)} m_{010}^{(21)} m_{310}^{(21)} \\
&-4m_{100}^{(22)} m_{010}^{(20)} m_{010}^{(21)} m_{211}^{(10)} + 2m_{100}^{(22)} m_{010}^{(20)} m_{010}^{(21)} m_{121}^{(00)} + m_{100}^{(22)} m_{010}^{(20)} m_{001}^{(00)} m_{130}^{(21)} \\
&-m_{100}^{(22)} m_{010}^{(20)} m_{001}^{(00)} m_{031}^{(10)} - 2m_{100}^{(22)} m_{010}^{(20)} m_{001}^{(10)} m_{220}^{(21)} + 2m_{100}^{(22)} m_{010}^{(20)} m_{001}^{(10)} m_{121}^{(10)} \\
&+m_{100}^{(22)} m_{010}^{(20)} m_{001}^{(11)} m_{310}^{(21)} - m_{100}^{(22)} m_{010}^{(20)} m_{001}^{(11)} m_{211}^{(10)} + m_{100}^{(22)} m_{010}^{(20)} m_{001}^{(20)} m_{220}^{(11)} \\
&-2m_{100}^{(22)} m_{010}^{(20)} m_{001}^{(20)} m_{130}^{(10)} + m_{100}^{(22)} m_{010}^{(20)} m_{001}^{(20)} m_{040}^{(00)} - m_{100}^{(22)} m_{010}^{(20)} m_{001}^{(21)} m_{310}^{(11)} \\
&+2m_{100}^{(22)} m_{010}^{(20)} m_{001}^{(21)} m_{220}^{(10)} - m_{100}^{(22)} m_{010}^{(20)} m_{001}^{(21)} m_{130}^{(00)} - m_{100}^{(22)} (m_{010}^{(21)})^2 m_{400}^{(21)} \\
&+2m_{100}^{(22)} (m_{010}^{(21)})^2 m_{301}^{(10)} - m_{100}^{(22)} (m_{010}^{(21)})^2 m_{211}^{(00)} - m_{100}^{(22)} m_{010}^{(21)} m_{001}^{(00)} m_{220}^{(21)} \\
&+m_{100}^{(22)} m_{010}^{(21)} m_{001}^{(00)} m_{121}^{(10)} + 2m_{100}^{(22)} m_{010}^{(21)} m_{001}^{(10)} m_{310}^{(21)} - 2m_{100}^{(22)} m_{010}^{(21)} m_{001}^{(10)} m_{211}^{(10)} \\
&-m_{100}^{(22)} m_{010}^{(21)} m_{001}^{(11)} m_{400}^{(21)} + m_{100}^{(22)} m_{010}^{(21)} m_{001}^{(11)} m_{301}^{(10)} - m_{100}^{(22)} m_{010}^{(21)} m_{001}^{(20)} m_{310}^{(11)} \\
&+2m_{100}^{(22)} m_{010}^{(21)} m_{001}^{(20)} m_{220}^{(10)} - m_{100}^{(22)} m_{010}^{(21)} m_{001}^{(20)} m_{130}^{(00)} + m_{100}^{(22)} m_{010}^{(21)} m_{001}^{(21)} m_{400}^{(11)} \\
&-2m_{100}^{(22)} m_{010}^{(21)} m_{001}^{(21)} m_{310}^{(10)} + m_{100}^{(22)} m_{010}^{(21)} m_{001}^{(21)} m_{220}^{(00)} + m_{100}^{(22)} m_{001}^{(00)} m_{001}^{(10)} m_{121}^{(11)}
\end{aligned}
$$

$$-m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{031}^{(10)} - m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{211}^{(11)} + m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{121}^{(10)}$$
$$-m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(20)}m_{130}^{(11)} + m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(20)}m_{040}^{(10)} + m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(21)}m_{220}^{(11)}$$
$$-m_{100}^{(22)}m_{001}^{(00)}m_{001}^{(21)}m_{130}^{(10)} - m_{100}^{(22)}(m_{001}^{(10)})^2m_{211}^{(11)} + m_{100}^{(22)}(m_{001}^{(10)})^2m_{031}^{(00)}$$
$$+m_{100}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{301}^{(11)} + m_{100}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{211}^{(10)} - 2m_{100}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{121}^{(00)}$$
$$+m_{100}^{(22)}m_{001}^{(10)}m_{001}^{(20)}m_{220}^{(11)} - m_{100}^{(22)}m_{001}^{(10)}m_{001}^{(20)}m_{040}^{(00)} - m_{100}^{(22)}m_{001}^{(10)}m_{001}^{(21)}m_{310}^{(11)}$$
$$+m_{100}^{(22)}m_{001}^{(10)}m_{001}^{(21)}m_{130}^{(00)} - m_{100}^{(22)}(m_{001}^{(11)})^2m_{301}^{(10)} + m_{100}^{(22)}(m_{001}^{(11)})^2m_{211}^{(00)}$$
$$-m_{100}^{(22)}m_{001}^{(11)}m_{001}^{(20)}m_{220}^{(10)} + m_{100}^{(22)}m_{001}^{(11)}m_{001}^{(20)}m_{130}^{(00)} + m_{100}^{(22)}m_{001}^{(11)}m_{001}^{(21)}m_{310}^{(10)}$$
$$-m_{100}^{(22)}m_{001}^{(11)}m_{001}^{(21)}m_{220}^{(00)} - (m_{010}^{(00)})^2m_{010}^{(11)}m_{103}^{(22)} + (m_{010}^{(00)})^2m_{010}^{(11)}m_{004}^{(20)}$$
$$+2(m_{010}^{(00)})^2m_{010}^{(21)}m_{112}^{(22)} - 2(m_{010}^{(00)})^2m_{010}^{(21)}m_{013}^{(20)} - (m_{010}^{(00)})^2m_{010}^{(22)}m_{121}^{(22)}$$
$$+(m_{010}^{(00)})^2m_{010}^{(22)}m_{022}^{(20)} + (m_{010}^{(00)})^2m_{001}^{(11)}m_{112}^{(22)} - (m_{010}^{(00)})^2m_{001}^{(11)}m_{013}^{(20)}$$
$$-2(m_{010}^{(00)})^2m_{001}^{(21)}m_{121}^{(22)} + 2(m_{010}^{(00)})^2m_{001}^{(21)}m_{022}^{(20)} + (m_{010}^{(00)})^2m_{001}^{(22)}m_{130}^{(22)}$$
$$-(m_{010}^{(00)})^2m_{001}^{(22)}m_{031}^{(20)} + m_{010}^{(00)}(m_{010}^{(10)})^2m_{103}^{(22)} - m_{010}^{(00)}(m_{010}^{(10)})^2m_{004}^{(20)}$$
$$-2m_{010}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{112}^{(22)} + 2m_{010}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{013}^{(20)} - 2m_{010}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{202}^{(22)}$$
$$+2m_{010}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{103}^{(20)} + 2m_{010}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{211}^{(22)} - 2m_{010}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{112}^{(20)}$$
$$-2m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{112}^{(22)} + 2m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{013}^{(20)} - m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{202}^{(22)}$$
$$+m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{103}^{(20)} + 2m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{121}^{(22)} - 2m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{022}^{(20)}$$
$$+4m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{211}^{(22)} - 4m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{112}^{(20)} - 3m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{220}^{(22)}$$
$$+3m_{010}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{121}^{(20)} + 3m_{010}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{202}^{(22)} - 2m_{010}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{103}^{(20)}$$
$$-m_{010}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{004}^{(00)} - m_{010}^{(00)}m_{010}^{(11)}m_{010}^{(22)}m_{301}^{(22)} + m_{010}^{(00)}m_{010}^{(11)}m_{010}^{(22)}m_{103}^{(00)}$$
$$+2m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{103}^{(21)} - m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{013}^{(20)} - m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{004}^{(10)}$$
$$+m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{202}^{(22)} - 2m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{103}^{(20)} + m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{004}^{(00)}$$
$$-m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{211}^{(22)} - 3m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{202}^{(21)} + 3m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{112}^{(20)}$$
$$+m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{103}^{(10)} - m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{301}^{(22)} + 2m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{202}^{(20)}$$
$$-m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{103}^{(00)} + m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(22)}m_{310}^{(22)} + m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(22)}m_{301}^{(21)}$$
$$-2m_{010}^{(00)}m_{010}^{(11)}m_{001}^{(22)}m_{211}^{(20)} + m_{010}^{(00)}(m_{010}^{(20)})^2m_{121}^{(22)} - m_{010}^{(00)}(m_{010}^{(20)})^2m_{022}^{(20)}$$
$$-4m_{010}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{211}^{(22)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{112}^{(20)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{013}^{(00)}$$
$$+m_{010}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{220}^{(22)} - m_{010}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{022}^{(00)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{121}^{(22)}$$
$$-2m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{022}^{(20)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{211}^{(22)} + m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{112}^{(20)}$$
$$+m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{013}^{(00)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(20)}m_{130}^{(22)} + 2m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(20)}m_{031}^{(20)}$$
$$+2m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{220}^{(22)} - 2m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{022}^{(00)} - m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{130}^{(20)}$$
$$+m_{010}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{031}^{(00)} + m_{010}^{(00)}(m_{010}^{(21)})^2m_{301}^{(22)} - m_{010}^{(00)}(m_{010}^{(21)})^2m_{202}^{(20)}$$
$$+2m_{010}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{211}^{(20)} - 2m_{010}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{112}^{(00)} - 4m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{112}^{(21)}$$
$$+2m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{022}^{(20)} + 2m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{013}^{(10)} - m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{211}^{(22)}$$
$$+m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{202}^{(21)} + 3m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{112}^{(20)} - m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{103}^{(10)}$$
$$-2m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{013}^{(00)} + m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{301}^{(22)} - m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{202}^{(20)}$$
$$+m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{220}^{(22)} + 5m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{211}^{(21)} - 5m_{010}^{(00)}m_{010}^{(21)}m_{010}^{(20)}m_{001}^{(20)}m_{121}^{(20)}$$
$$-m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{112}^{(10)} - m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(21)}m_{310}^{(22)} - m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(21)}m_{301}^{(21)}$$
$$-m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(21)}m_{211}^{(20)} + m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(21)}m_{202}^{(10)} + 2m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(21)}m_{112}^{(00)}$$

$$
\begin{aligned}
&-m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{310}^{(21)} + 2m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{220}^{(20)} - m_{010}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{211}^{(10)}\\
&-m_{010}^{(00)}(m_{010}^{(22)})^2m_{220}^{(20)} + m_{010}^{(00)}(m_{010}^{(22)})^2m_{121}^{(00)} + 2m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(00)}m_{121}^{(21)}\\
&-m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(00)}m_{031}^{(20)} - m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(00)}m_{022}^{(10)} - m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{211}^{(21)}\\
&-m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{121}^{(20)} + m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{112}^{(10)} + m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{022}^{(00)}\\
&+m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(11)}m_{211}^{(20)} - m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(11)}m_{112}^{(00)} - 2m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{220}^{(21)}\\
&+2m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{130}^{(20)} + m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(21)}m_{310}^{(21)} - m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(21)}m_{220}^{(20)}\\
&-m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(21)}m_{211}^{(10)} + m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(21)}m_{121}^{(00)} + m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(22)}m_{220}^{(10)}\\
&-m_{010}^{(00)}m_{010}^{(22)}m_{001}^{(22)}m_{130}^{(00)} - 2m_{010}^{(00)}m_{001}^{(00)}m_{001}^{(11)}m_{112}^{(21)} + m_{010}^{(00)}m_{001}^{(00)}m_{001}^{(11)}m_{022}^{(20)}\\
&+m_{010}^{(00)}m_{001}^{(00)}m_{001}^{(11)}m_{013}^{(10)} + 4m_{010}^{(00)}m_{001}^{(00)}m_{001}^{(21)}m_{121}^{(21)} - 2m_{010}^{(00)}m_{001}^{(00)}m_{001}^{(21)}m_{031}^{(20)}\\
&-2m_{010}^{(00)}m_{001}^{(00)}m_{001}^{(21)}m_{022}^{(10)} - 2m_{010}^{(00)}m_{001}^{(00)}m_{001}^{(22)}m_{130}^{(21)} + m_{010}^{(00)}m_{001}^{(00)}m_{001}^{(22)}m_{040}^{(20)}\\
&+m_{010}^{(00)}m_{001}^{(00)}m_{001}^{(22)}m_{031}^{(10)} + 2m_{010}^{(00)}(m_{001}^{(10)})^2m_{112}^{(21)} - m_{010}^{(00)}(m_{001}^{(10)})^2m_{103}^{(11)}\\
&-m_{010}^{(00)}(m_{001}^{(10)})^2m_{022}^{(20)} + m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{103}^{(10)} - m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{013}^{(00)}\\
&-4m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{121}^{(21)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{112}^{(11)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{031}^{(20)}\\
&-3m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{211}^{(21)} + m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{202}^{(11)} + m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{121}^{(20)}\\
&-m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{112}^{(10)} + 2m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{022}^{(00)} + 3m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{220}^{(21)}\\
&-m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{211}^{(11)} - m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{130}^{(20)} - m_{010}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{031}^{(00)}\\
&+3m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{211}^{(21)} - m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{121}^{(20)} - 2m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{112}^{(10)}\\
&-m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{202}^{(10)} + m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{112}^{(00)} - m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{310}^{(21)}\\
&+m_{010}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{211}^{(10)} + 2m_{010}^{(00)}(m_{001}^{(20)})^2m_{130}^{(21)} - m_{010}^{(00)}(m_{001}^{(20)})^2m_{121}^{(11)}\\
&-m_{010}^{(00)}(m_{001}^{(20)})^2m_{040}^{(20)} - 3m_{010}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{220}^{(21)} - m_{010}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{211}^{(11)}\\
&+m_{010}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{130}^{(20)} + 3m_{010}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{121}^{(10)} + m_{010}^{(00)}m_{001}^{(20)}m_{001}^{(22)}m_{220}^{(11)}\\
&-m_{010}^{(00)}m_{001}^{(20)}m_{001}^{(22)}m_{130}^{(10)} + m_{010}^{(00)}(m_{001}^{(21)})^2m_{310}^{(21)} + m_{010}^{(00)}(m_{001}^{(21)})^2m_{211}^{(10)}\\
&-2m_{010}^{(00)}(m_{001}^{(21)})^2m_{121}^{(00)} - m_{010}^{(00)}m_{001}^{(21)}m_{001}^{(22)}m_{220}^{(10)} + m_{010}^{(00)}m_{001}^{(21)}m_{001}^{(22)}m_{130}^{(00)}\\
&-(m_{010}^{(10)})^2m_{010}^{(20)}m_{202}^{(22)} + (m_{010}^{(10)})^2m_{010}^{(20)}m_{004}^{(00)} + (m_{010}^{(10)})^2m_{010}^{(22)}m_{202}^{(20)}\\
&-(m_{010}^{(10)})^2m_{010}^{(22)}m_{103}^{(00)} + (m_{010}^{(10)})^2m_{001}^{(00)}m_{112}^{(22)} - 2(m_{010}^{(10)})^2m_{001}^{(00)}m_{103}^{(21)}\\
&+(m_{010}^{(10)})^2m_{001}^{(00)}m_{004}^{(10)} + (m_{010}^{(10)})^2m_{001}^{(10)}m_{202}^{(22)} - (m_{010}^{(10)})^2m_{001}^{(10)}m_{004}^{(00)}\\
&-3(m_{010}^{(10)})^2m_{001}^{(20)}m_{211}^{(22)} + 3(m_{010}^{(10)})^2m_{001}^{(20)}m_{202}^{(21)} + (m_{010}^{(10)})^2m_{001}^{(20)}m_{112}^{(20)}\\
&-(m_{010}^{(10)})^2m_{001}^{(20)}m_{103}^{(10)} - (m_{010}^{(10)})^2m_{001}^{(21)}m_{301}^{(22)} + (m_{010}^{(10)})^2m_{001}^{(21)}m_{103}^{(00)}\\
&+2(m_{010}^{(10)})^2m_{001}^{(22)}m_{310}^{(22)} - (m_{010}^{(10)})^2m_{001}^{(22)}m_{301}^{(21)} - (m_{010}^{(10)})^2m_{001}^{(22)}m_{211}^{(20)}\\
&-m_{010}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{202}^{(22)} + m_{010}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{103}^{(20)} + 2m_{010}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{301}^{(22)}\\
&-2m_{010}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{202}^{(20)} - m_{010}^{(10)}m_{010}^{(11)}m_{001}^{(22)}m_{400}^{(22)} + m_{010}^{(10)}m_{010}^{(11)}m_{001}^{(22)}m_{301}^{(20)}\\
&+2m_{010}^{(10)}(m_{010}^{(20)})^2m_{211}^{(22)} - 2m_{010}^{(10)}(m_{010}^{(20)})^2m_{013}^{(00)} + 2m_{010}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{301}^{(22)}\\
&-2m_{010}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{103}^{(00)} - 2m_{010}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{310}^{(22)} - 2m_{010}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{211}^{(20)}\\
&+4m_{010}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{112}^{(00)} - 2m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{121}^{(22)} + 4m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{112}^{(21)}\\
&-2m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{013}^{(10)} + m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{211}^{(22)} - m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{202}^{(21)}\\
&-m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{112}^{(20)} + m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{103}^{(10)} + m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{301}^{(22)}\\
&-m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{103}^{(00)} + 3m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{220}^{(22)} - 5m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{211}^{(21)}\\
&-m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{121}^{(20)} + m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{112}^{(10)} + 2m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{022}^{(00)}
\end{aligned}
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\begin{aligned}
&-3m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{310}^{(22)}+m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{301}^{(21)}+m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{211}^{(20)}\\
&-m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{202}^{(10)}+2m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{112}^{(00)}+m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{310}^{(21)}\\
&+m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{220}^{(20)}+m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{211}^{(10)}-3m_{010}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{121}^{(00)}\\
&-2m_{010}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{301}^{(20)}+2m_{010}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{202}^{(00)}+m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{211}^{(22)}\\
&+3m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{202}^{(21)}-3m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{112}^{(20)}-m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{103}^{(10)}\\
&-m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{301}^{(22)}-2m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{202}^{(20)}+3m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{103}^{(00)}\\
&-m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{310}^{(22)}-4m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{301}^{(21)}+6m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{211}^{(20)}\\
&-m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{112}^{(00)}+m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(21)}m_{400}^{(22)}+2m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(21)}m_{301}^{(20)}\\
&-3m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(21)}m_{202}^{(00)}+m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{400}^{(21)}-3m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{310}^{(20)}\\
&+m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{301}^{(10)}+m_{010}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{211}^{(00)}+2m_{010}^{(10)}(m_{010}^{(22)})^2m_{310}^{(20)}\\
&-2m_{010}^{(10)}(m_{010}^{(22)})^2m_{211}^{(00)}-3m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{211}^{(21)}+2m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{121}^{(20)}\\
&+m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{112}^{(10)}+m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{301}^{(21)}+m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{211}^{(20)}\\
&-m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{202}^{(10)}-m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{112}^{(00)}-m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(11)}m_{301}^{(20)}\\
&+m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(11)}m_{202}^{(00)}+3m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{310}^{(21)}-3m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{220}^{(20)}\\
&+m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{211}^{(10)}-m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{121}^{(00)}-m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{400}^{(21)}\\
&+m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{310}^{(20)}+m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{301}^{(10)}-m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{211}^{(00)}\\
&-2m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(22)}m_{310}^{(10)}+2m_{010}^{(10)}m_{010}^{(22)}m_{001}^{(22)}m_{220}^{(00)}+2m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(10)}m_{103}^{(11)}\\
&-2m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(10)}m_{013}^{(10)}+2m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{202}^{(21)}-2m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{103}^{(10)}\\
&-2m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(20)}m_{112}^{(11)}+2m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(20)}m_{022}^{(10)}-5m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{211}^{(21)}\\
&-m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{202}^{(11)}+m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{121}^{(20)}+5m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{112}^{(10)}\\
&+3m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{220}^{(21)}+m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{211}^{(11)}-m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{130}^{(20)}\\
&-3m_{010}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{121}^{(10)}-2m_{010}^{(10)}(m_{001}^{(10)})^2m_{202}^{(21)}+2m_{010}^{(10)}(m_{001}^{(10)})^2m_{013}^{(00)}\\
&+5m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{211}^{(21)}-3m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{202}^{(11)}-m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{121}^{(20)}\\
&+m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{112}^{(10)}-2m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{022}^{(00)}+3m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{301}^{(21)}\\
&+m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{211}^{(20)}+m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{202}^{(10)}-5m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{112}^{(00)}\\
&-4m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{310}^{(21)}+m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{301}^{(11)}+3m_{010}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{121}^{(00)}\\
&-3m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{301}^{(21)}-m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{211}^{(20)}+3m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{202}^{(10)}\\
&+m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{112}^{(00)}+m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{400}^{(21)}+m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{310}^{(20)}\\
&-m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{301}^{(10)}-m_{010}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{211}^{(00)}-3m_{010}^{(10)}(m_{001}^{(20)})^2m_{220}^{(21)}\\
&+3m_{010}^{(10)}(m_{001}^{(20)})^2m_{211}^{(11)}+m_{010}^{(10)}(m_{001}^{(20)})^2m_{130}^{(20)}-m_{010}^{(10)}(m_{001}^{(20)})^2m_{121}^{(10)}\\
&+4m_{010}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{310}^{(21)}+m_{010}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{301}^{(11)}-6m_{010}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{211}^{(10)}\\
&+m_{010}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{121}^{(00)}-2m_{010}^{(10)}m_{001}^{(20)}m_{001}^{(22)}m_{310}^{(11)}+2m_{010}^{(10)}m_{001}^{(20)}m_{001}^{(22)}m_{220}^{(10)}\\
&-m_{010}^{(10)}(m_{001}^{(21)})^2m_{400}^{(21)}-m_{010}^{(10)}(m_{001}^{(21)})^2m_{310}^{(20)}-m_{010}^{(10)}(m_{001}^{(21)})^2m_{301}^{(10)}\\
&+3m_{010}^{(10)}(m_{001}^{(21)})^2m_{211}^{(00)}+2m_{010}^{(10)}m_{001}^{(21)}m_{001}^{(22)}m_{310}^{(10)}-2m_{010}^{(10)}m_{001}^{(21)}m_{001}^{(22)}m_{220}^{(00)}\\
&-2m_{010}^{(11)}(m_{010}^{(20)})^2m_{301}^{(22)}+2m_{010}^{(11)}(m_{010}^{(20)})^2m_{103}^{(00)}+m_{010}^{(11)}m_{010}^{(20)}m_{010}^{(22)}m_{400}^{(22)}\\
&+2m_{010}^{(11)}m_{010}^{(20)}m_{010}^{(22)}m_{301}^{(20)}-3m_{010}^{(11)}m_{010}^{(20)}m_{010}^{(22)}m_{202}^{(00)}+m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{211}^{(22)}\\
&-3m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{202}^{(21)}+m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{103}^{(10)}+m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{013}^{(00)}\\
&-m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{301}^{(22)}+2m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{202}^{(20)}-m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{103}^{(00)}
\end{aligned}
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\begin{aligned}
&-m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{310}^{(22)} + 4m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{301}^{(21)} - 3m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{112}^{(00)}\\
&+m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{400}^{(22)} - 2m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{301}^{(20)} + m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{202}^{(00)}\\
&-m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{400}^{(21)} - m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{301}^{(10)} + 2m_{010}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{211}^{(00)}\\
&+m_{010}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{202}^{(20)} - m_{010}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{103}^{(00)} - 2m_{010}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{301}^{(20)}\\
&+2m_{010}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{202}^{(00)} + m_{010}^{(11)}m_{010}^{(21)}m_{001}^{(22)}m_{400}^{(20)} - m_{010}^{(11)}m_{010}^{(21)}m_{001}^{(22)}m_{301}^{(00)}\\
&-m_{010}^{(11)}(m_{010}^{(22)})^2m_{400}^{(20)} + m_{010}^{(11)}(m_{010}^{(22)})^2m_{301}^{(00)} + m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{301}^{(21)}\\
&-m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{211}^{(20)} - m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{400}^{(21)} + m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{310}^{(20)}\\
&-m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{301}^{(10)} + m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{211}^{(00)} + m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(22)}m_{400}^{(10)}\\
&-m_{010}^{(11)}m_{010}^{(22)}m_{001}^{(22)}m_{310}^{(00)} - m_{010}^{(11)}(m_{001}^{(00)})^2m_{103}^{(11)} + m_{010}^{(11)}(m_{001}^{(00)})^2m_{013}^{(10)}\\
&+m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{103}^{(10)} - m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{013}^{(00)} - m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{202}^{(20)}\\
&+m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{103}^{(00)} + 3m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{202}^{(11)} - 3m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{112}^{(10)}\\
&+m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{301}^{(21)} + m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{211}^{(20)} - 2m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{202}^{(10)}\\
&-m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{310}^{(21)} - m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{301}^{(11)} + 2m_{010}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{211}^{(10)}\\
&+m_{010}^{(11)}(m_{001}^{(10)})^2m_{202}^{(20)} - m_{010}^{(11)}(m_{001}^{(10)})^2m_{103}^{(00)} - m_{010}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{301}^{(21)}\\
&-m_{010}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{211}^{(20)} - m_{010}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{202}^{(10)} + 3m_{010}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{112}^{(00)}\\
&-2m_{010}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{301}^{(20)} + 2m_{010}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{202}^{(00)} + m_{010}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{400}^{(21)}\\
&+m_{010}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{310}^{(20)} - 2m_{010}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{211}^{(00)} + 2m_{010}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{301}^{(20)}\\
&-2m_{010}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{202}^{(00)} - m_{010}^{(11)}m_{001}^{(11)}m_{001}^{(22)}m_{400}^{(20)} + m_{010}^{(11)}m_{001}^{(11)}m_{001}^{(22)}m_{301}^{(00)}\\
&+m_{010}^{(11)}(m_{001}^{(20)})^2m_{310}^{(21)} - 2m_{010}^{(11)}(m_{001}^{(20)})^2m_{301}^{(11)} + m_{010}^{(11)}(m_{001}^{(20)})^2m_{211}^{(10)}\\
&-m_{010}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{400}^{(21)} - m_{010}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{310}^{(20)} + 3m_{010}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{301}^{(10)}\\
&-m_{010}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{211}^{(00)} + m_{010}^{(11)}m_{001}^{(20)}m_{001}^{(22)}m_{400}^{(11)} - m_{010}^{(11)}m_{001}^{(20)}m_{001}^{(22)}m_{310}^{(10)}\\
&+m_{010}^{(11)}(m_{001}^{(21)})^2m_{400}^{(20)} - m_{010}^{(11)}(m_{001}^{(21)})^2m_{301}^{(00)} - m_{010}^{(11)}m_{001}^{(21)}m_{001}^{(22)}m_{400}^{(10)}\\
&+m_{010}^{(11)}m_{001}^{(21)}m_{001}^{(22)}m_{310}^{(00)} - (m_{010}^{(20)})^3m_{220}^{(22)} + (m_{010}^{(20)})^3m_{022}^{(00)} + 2(m_{010}^{(20)})^2m_{010}^{(21)}m_{310}^{(22)}\\
&-2(m_{010}^{(20)})^2m_{010}^{(21)}m_{112}^{(00)} + (m_{010}^{(20)})^2m_{010}^{(22)}m_{220}^{(20)} - (m_{010}^{(20)})^2m_{010}^{(22)}m_{121}^{(00)}\\
&+(m_{010}^{(20)})^2m_{001}^{(00)}m_{130}^{(22)} - 2(m_{010}^{(20)})^2m_{001}^{(00)}m_{121}^{(21)} + (m_{010}^{(20)})^2m_{001}^{(00)}m_{022}^{(10)}\\
&-2(m_{010}^{(20)})^2m_{001}^{(10)}m_{220}^{(22)} + (m_{010}^{(20)})^2m_{001}^{(10)}m_{211}^{(21)} + (m_{010}^{(20)})^2m_{001}^{(10)}m_{121}^{(20)}\\
&-(m_{010}^{(20)})^2m_{001}^{(10)}m_{112}^{(10)} + (m_{010}^{(20)})^2m_{001}^{(10)}m_{022}^{(00)} + (m_{010}^{(20)})^2m_{001}^{(11)}m_{310}^{(22)}\\
&-(m_{010}^{(20)})^2m_{001}^{(11)}m_{112}^{(00)} + 2(m_{010}^{(20)})^2m_{001}^{(20)}m_{220}^{(21)} - 2(m_{010}^{(20)})^2m_{001}^{(20)}m_{031}^{(00)}\\
&-(m_{010}^{(20)})^2m_{001}^{(21)}m_{310}^{(21)} - (m_{010}^{(20)})^2m_{001}^{(21)}m_{220}^{(20)} + (m_{010}^{(20)})^2m_{001}^{(21)}m_{211}^{(10)}\\
&+(m_{010}^{(20)})^2m_{001}^{(21)}m_{121}^{(00)} - (m_{010}^{(20)})^2m_{001}^{(22)}m_{220}^{(10)} + (m_{010}^{(20)})^2m_{001}^{(22)}m_{130}^{(00)}\\
&-m_{010}^{(20)}(m_{010}^{(21)})^2m_{400}^{(22)} + m_{010}^{(20)}(m_{010}^{(21)})^2m_{202}^{(00)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{010}^{(22)}m_{310}^{(20)}\\
&+2m_{010}^{(20)}m_{010}^{(21)}m_{010}^{(22)}m_{211}^{(00)} - m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{220}^{(22)} + 3m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{211}^{(21)}\\
&+m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{121}^{(20)} - m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{112}^{(10)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{022}^{(00)}\\
&+2m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{310}^{(22)} - m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{301}^{(21)} - 3m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{211}^{(20)}\\
&+m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{202}^{(10)} + m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{112}^{(00)} - m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{400}^{(22)}\\
&+m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{202}^{(00)} - 3m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{310}^{(21)} - m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{220}^{(20)}\\
&-m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{211}^{(10)} + 5m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{121}^{(00)} + m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(21)}m_{400}^{(21)}\\
&+3m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(21)}m_{310}^{(20)} - m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(21)}m_{301}^{(10)} - 3m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(21)}m_{211}^{(00)}
\end{aligned}
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\begin{aligned}
&+2m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(22)}m_{310}^{(10)} - 2m_{010}^{(20)}m_{010}^{(21)}m_{001}^{(22)}m_{220}^{(00)} - m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(00)}m_{130}^{(20)}\\
&+m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(00)}m_{031}^{(00)} + 2m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{220}^{(20)} - 2m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{121}^{(00)}\\
&-m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(11)}m_{310}^{(20)} + m_{010}^{(20)}m_{010}^{(22)}m_{001}^{(11)}m_{211}^{(00)} - 2m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{112}^{(11)}\\
&+2m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{022}^{(10)} + m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{211}^{(21)} - m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{121}^{(20)}\\
&+m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{112}^{(10)} - m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{022}^{(00)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(20)}m_{121}^{(11)}\\
&-2m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(20)}m_{031}^{(10)} - m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{220}^{(21)} + m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{211}^{(11)}\\
&+m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{130}^{(20)} - 3m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{121}^{(10)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{031}^{(00)}\\
&-m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(22)}m_{220}^{(11)} + 2m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(22)}m_{130}^{(10)} - m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(22)}m_{040}^{(00)}\\
&-m_{010}^{(20)}(m_{001}^{(10)})^2m_{211}^{(21)} + 2m_{010}^{(20)}(m_{001}^{(10)})^2m_{202}^{(11)} + m_{010}^{(20)}(m_{001}^{(10)})^2m_{121}^{(20)}\\
&-m_{010}^{(20)}(m_{001}^{(10)})^2m_{112}^{(10)} - m_{010}^{(20)}(m_{001}^{(10)})^2m_{022}^{(00)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{202}^{(10)}\\
&+2m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{112}^{(00)} + m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{220}^{(21)} - m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{211}^{(11)}\\
&-m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{130}^{(20)} + m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{121}^{(10)} + m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{310}^{(21)}\\
&-2m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{301}^{(11)} - m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{220}^{(20)} + 3m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{211}^{(10)}\\
&-m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{121}^{(00)} + m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(22)}m_{310}^{(11)} - 2m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(22)}m_{220}^{(10)}\\
&+m_{010}^{(20)}m_{001}^{(10)}m_{001}^{(22)}m_{130}^{(00)} - m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{310}^{(21)} + m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{220}^{(20)}\\
&-m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{211}^{(10)} + m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{121}^{(00)} + 2m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{301}^{(10)}\\
&-2m_{010}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{211}^{(00)} - m_{010}^{(20)}(m_{001}^{(20)})^2m_{220}^{(11)} + m_{010}^{(20)}(m_{001}^{(20)})^2m_{040}^{(00)}\\
&+m_{010}^{(20)}m_{001}^{(20)}m_{001}^{(21)}m_{310}^{(11)} + 2m_{010}^{(20)}m_{001}^{(20)}m_{001}^{(21)}m_{220}^{(10)} - 3m_{010}^{(20)}m_{001}^{(20)}m_{001}^{(21)}m_{130}^{(00)}\\
&-2m_{010}^{(20)}(m_{001}^{(21)})^2m_{310}^{(10)} + 2m_{010}^{(20)}(m_{001}^{(21)})^2m_{220}^{(00)} + (m_{010}^{(21)})^2m_{010}^{(22)}m_{400}^{(20)}\\
&-(m_{010}^{(21)})^2m_{010}^{(22)}m_{301}^{(00)} - (m_{010}^{(21)})^2m_{001}^{(00)}m_{301}^{(21)} - (m_{010}^{(21)})^2m_{001}^{(00)}m_{211}^{(20)}\\
&+2(m_{010}^{(21)})^2m_{001}^{(00)}m_{112}^{(00)} + 2(m_{010}^{(21)})^2m_{001}^{(10)}m_{301}^{(20)} - 2(m_{010}^{(21)})^2m_{001}^{(10)}m_{202}^{(00)}\\
&+(m_{010}^{(21)})^2m_{001}^{(20)}m_{400}^{(21)} + (m_{010}^{(21)})^2m_{001}^{(20)}m_{310}^{(20)} + (m_{010}^{(21)})^2m_{001}^{(20)}m_{301}^{(10)}\\
&-3(m_{010}^{(21)})^2m_{001}^{(20)}m_{211}^{(00)} - 2(m_{010}^{(21)})^2m_{001}^{(21)}m_{400}^{(20)} + 2(m_{010}^{(21)})^2m_{001}^{(21)}m_{301}^{(00)}\\
&-(m_{010}^{(21)})^2m_{001}^{(22)}m_{400}^{(10)} + (m_{010}^{(21)})^2m_{001}^{(22)}m_{310}^{(00)} + m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{220}^{(20)}\\
&-m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{121}^{(00)} - 2m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(10)}m_{310}^{(20)} + 2m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(10)}m_{211}^{(00)}\\
&+m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(11)}m_{400}^{(20)} - m_{010}^{(21)}m_{010}^{(22)}m_{001}^{(11)}m_{301}^{(00)} + 2m_{010}^{(21)}(m_{001}^{(00)})^2m_{112}^{(11)}\\
&-2m_{010}^{(21)}(m_{001}^{(00)})^2m_{022}^{(10)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{202}^{(11)} + 2m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{022}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{301}^{(21)} + m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{211}^{(20)} + m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{202}^{(10)}\\
&-m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{112}^{(00)} - 4m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{211}^{(11)} + 4m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{121}^{(10)}\\
&+m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{310}^{(21)} + m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{301}^{(11)} - m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{220}^{(20)}\\
&+m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{211}^{(10)} - 2m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{121}^{(00)} + m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(22)}m_{310}^{(11)}\\
&-2m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(22)}m_{220}^{(10)} + m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(22)}m_{130}^{(00)} + m_{010}^{(21)}(m_{001}^{(10)})^2m_{301}^{(21)}\\
&-m_{010}^{(21)}(m_{001}^{(10)})^2m_{211}^{(20)} + m_{010}^{(21)}(m_{001}^{(10)})^2m_{202}^{(10)} - m_{010}^{(21)}(m_{001}^{(10)})^2m_{112}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{310}^{(21)} + 3m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{301}^{(11)} + m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{220}^{(20)}\\
&-m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{211}^{(10)} - 2m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{121}^{(00)} - m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{400}^{(21)}\\
&+m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{310}^{(20)} - 3m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{301}^{(10)} + 3m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{211}^{(00)}\\
&-m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(22)}m_{400}^{(11)} + 2m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(22)}m_{310}^{(10)} - m_{010}^{(21)}m_{001}^{(10)}m_{001}^{(22)}m_{220}^{(00)}\\
&+m_{010}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{400}^{(21)} - m_{010}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{310}^{(20)} - m_{010}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{301}^{(10)}
\end{aligned}
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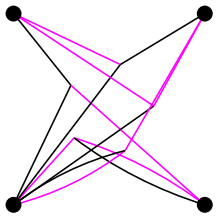
$$+m_{010}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{211}^{(00)}+m_{010}^{(21)}(m_{001}^{(20)})^2m_{310}^{(11)}-m_{010}^{(21)}(m_{001}^{(20)})^2m_{130}^{(00)}$$
$$-m_{010}^{(21)}m_{001}^{(20)}m_{001}^{(21)}m_{400}^{(11)}-2m_{010}^{(21)}m_{001}^{(20)}m_{001}^{(21)}m_{310}^{(10)}+3m_{010}^{(21)}m_{001}^{(20)}m_{001}^{(21)}m_{220}^{(00)}$$
$$+2m_{010}^{(21)}(m_{001}^{(21)})^2m_{400}^{(10)}-2m_{010}^{(21)}(m_{001}^{(21)})^2m_{310}^{(00)}-m_{010}^{(22)}(m_{001}^{(00)})^2m_{121}^{(11)}$$
$$+m_{010}^{(22)}(m_{001}^{(00)})^2m_{031}^{(10)}+2m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{211}^{(11)}-m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{121}^{(10)}$$
$$-m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{031}^{(00)}-m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{211}^{(10)}+m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{121}^{(00)}$$
$$+m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(20)}m_{220}^{(11)}-m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(20)}m_{130}^{(10)}-m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(21)}m_{310}^{(11)}$$
$$+m_{010}^{(22)}m_{001}^{(00)}m_{001}^{(21)}m_{220}^{(10)}-m_{010}^{(22)}(m_{001}^{(10)})^2m_{301}^{(11)}+m_{010}^{(22)}(m_{001}^{(10)})^2m_{121}^{(00)}$$
$$+m_{010}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{301}^{(10)}-m_{010}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{211}^{(00)}-m_{010}^{(22)}m_{001}^{(10)}m_{001}^{(20)}m_{310}^{(11)}$$
$$+m_{010}^{(22)}m_{001}^{(10)}m_{001}^{(20)}m_{130}^{(00)}+m_{010}^{(22)}m_{001}^{(10)}m_{001}^{(21)}m_{400}^{(11)}-m_{010}^{(22)}m_{001}^{(10)}m_{001}^{(21)}m_{220}^{(00)}$$
$$+m_{010}^{(22)}m_{001}^{(11)}m_{001}^{(20)}m_{310}^{(10)}-m_{010}^{(22)}m_{001}^{(11)}m_{001}^{(20)}m_{220}^{(00)}-m_{010}^{(22)}m_{001}^{(11)}m_{001}^{(21)}m_{400}^{(10)}$$
$$+m_{010}^{(22)}m_{001}^{(11)}m_{001}^{(21)}m_{310}^{(00)}+(m_{001}^{(00)})^2m_{001}^{(11)}m_{112}^{(11)}-(m_{001}^{(00)})^2m_{001}^{(11)}m_{022}^{(10)}$$
$$-2(m_{001}^{(00)})^2m_{001}^{(21)}m_{121}^{(11)}+2(m_{001}^{(00)})^2m_{001}^{(21)}m_{031}^{(10)}+(m_{001}^{(00)})^2m_{001}^{(22)}m_{130}^{(11)}$$
$$-(m_{001}^{(00)})^2m_{001}^{(22)}m_{040}^{(10)}-m_{001}^{(00)}(m_{001}^{(10)})^2m_{112}^{(11)}+m_{001}^{(00)}(m_{001}^{(10)})^2m_{022}^{(10)}$$
$$-m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{202}^{(11)}+m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{022}^{(00)}+2m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{121}^{(11)}$$
$$-2m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{031}^{(10)}+4m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{211}^{(11)}-2m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{121}^{(10)}$$
$$-2m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{031}^{(00)}-3m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{220}^{(11)}+2m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{130}^{(10)}$$
$$+m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{040}^{(00)}+m_{001}^{(00)}(m_{001}^{(11)})^2m_{202}^{(10)}-m_{001}^{(00)}(m_{001}^{(11)})^2m_{112}^{(00)}$$
$$-2m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{211}^{(11)}+2m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{121}^{(10)}-2m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{211}^{(10)}$$
$$+2m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{121}^{(00)}+m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{310}^{(11)}-m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{130}^{(00)}$$
$$-m_{001}^{(00)}(m_{001}^{(20)})^2m_{130}^{(11)}+m_{001}^{(00)}(m_{001}^{(20)})^2m_{040}^{(10)}+2m_{001}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{220}^{(11)}$$
$$-2m_{001}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{130}^{(10)}-m_{001}^{(00)}(m_{001}^{(21)})^2m_{310}^{(11)}+m_{001}^{(00)}(m_{001}^{(21)})^2m_{220}^{(10)}$$
$$+(m_{001}^{(10)})^3m_{202}^{(11)}-(m_{001}^{(10)})^3m_{022}^{(00)}-(m_{001}^{(10)})^2m_{001}^{(11)}m_{202}^{(10)}+(m_{001}^{(10)})^2m_{001}^{(11)}m_{112}^{(00)}$$
$$-2(m_{001}^{(10)})^2m_{001}^{(20)}m_{211}^{(11)}+2(m_{001}^{(10)})^2m_{001}^{(20)}m_{031}^{(00)}-2(m_{001}^{(10)})^2m_{001}^{(21)}m_{301}^{(11)}$$
$$+2(m_{001}^{(10)})^2m_{001}^{(21)}m_{121}^{(00)}+2(m_{001}^{(10)})^2m_{001}^{(22)}m_{310}^{(11)}-2(m_{001}^{(10)})^2m_{001}^{(22)}m_{130}^{(00)}$$
$$+2m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{301}^{(11)}+2m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{211}^{(10)}-4m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{121}^{(00)}$$
$$+2m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{301}^{(10)}-2m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{211}^{(00)}-m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{400}^{(11)}$$
$$-2m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{310}^{(10)}+3m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{220}^{(00)}+m_{001}^{(10)}(m_{001}^{(20)})^2m_{220}^{(11)}$$
$$-m_{001}^{(10)}(m_{001}^{(20)})^2m_{040}^{(00)}-2m_{001}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{310}^{(11)}+2m_{001}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{130}^{(00)}$$
$$+m_{001}^{(10)}(m_{001}^{(21)})^2m_{400}^{(11)}-m_{001}^{(10)}(m_{001}^{(21)})^2m_{220}^{(00)}-2(m_{001}^{(11)})^2m_{001}^{(20)}m_{301}^{(10)}$$
$$+2(m_{001}^{(11)})^2m_{001}^{(20)}m_{211}^{(00)}+(m_{001}^{(11)})^2m_{001}^{(22)}m_{400}^{(10)}-(m_{001}^{(11)})^2m_{001}^{(22)}m_{310}^{(00)}$$
$$-m_{001}^{(11)}(m_{001}^{(20)})^2m_{220}^{(10)}+m_{001}^{(11)}(m_{001}^{(20)})^2m_{130}^{(00)}+2m_{001}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{310}^{(10)}$$
$$-2m_{001}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{220}^{(00)}-m_{001}^{(11)}(m_{001}^{(21)})^2m_{400}^{(10)}+m_{001}^{(11)}(m_{001}^{(21)})^2m_{310}^{(00)}$$

Generating graph:

$$\begin{array}{rrrrr} V1 & 1 & 1 & 1 & V1 \\ 1 & V2 & V2 & 2 & V4 \\ V3 & V3 & 3 & V4 & 4 \end{array}$$



$$
\begin{aligned}
T_{159} \;=\;& -m_{000}^{(00)} m_{100}^{(00)} m_{020}^{(11)} m_{013}^{(22)} + m_{000}^{(00)} m_{100}^{(00)} m_{020}^{(11)} m_{004}^{(21)} + 2m_{000}^{(00)} m_{100}^{(00)} m_{020}^{(21)} m_{022}^{(22)} \\
& -2m_{000}^{(00)} m_{100}^{(00)} m_{020}^{(21)} m_{013}^{(21)} - m_{000}^{(00)} m_{100}^{(00)} m_{020}^{(22)} m_{031}^{(22)} + m_{000}^{(00)} m_{100}^{(00)} m_{020}^{(22)} m_{022}^{(21)} \\
& +m_{000}^{(00)} m_{100}^{(00)} m_{011}^{(11)} m_{022}^{(22)} - m_{000}^{(00)} m_{100}^{(00)} m_{011}^{(11)} m_{004}^{(11)} - 2m_{000}^{(00)} m_{100}^{(00)} m_{011}^{(21)} m_{031}^{(22)} \\
& +2m_{000}^{(00)} m_{100}^{(00)} m_{011}^{(21)} m_{013}^{(11)} + m_{000}^{(00)} m_{100}^{(00)} m_{011}^{(22)} m_{040}^{(22)} - m_{000}^{(00)} m_{100}^{(00)} m_{011}^{(22)} m_{022}^{(11)} \\
& -m_{000}^{(00)} m_{100}^{(00)} m_{002}^{(11)} m_{022}^{(21)} + m_{000}^{(00)} m_{100}^{(00)} m_{002}^{(11)} m_{013}^{(11)} + 2m_{000}^{(00)} m_{100}^{(00)} m_{002}^{(21)} m_{031}^{(21)} \\
& -2m_{000}^{(00)} m_{100}^{(00)} m_{002}^{(21)} m_{022}^{(11)} - m_{000}^{(00)} m_{100}^{(00)} m_{002}^{(22)} m_{040}^{(21)} + m_{000}^{(00)} m_{100}^{(00)} m_{002}^{(22)} m_{031}^{(11)} \\
& +m_{000}^{(00)} m_{100}^{(10)} m_{110}^{(11)} m_{013}^{(22)} - m_{000}^{(00)} m_{100}^{(10)} m_{110}^{(11)} m_{004}^{(21)} - 2m_{000}^{(00)} m_{100}^{(10)} m_{110}^{(21)} m_{022}^{(22)} \\
& +2m_{000}^{(00)} m_{100}^{(10)} m_{110}^{(21)} m_{013}^{(21)} + m_{000}^{(00)} m_{100}^{(10)} m_{110}^{(22)} m_{031}^{(22)} - m_{000}^{(00)} m_{100}^{(10)} m_{110}^{(22)} m_{022}^{(21)} \\
& -m_{000}^{(00)} m_{100}^{(10)} m_{101}^{(11)} m_{013}^{(21)} + m_{000}^{(00)} m_{100}^{(10)} m_{101}^{(11)} m_{004}^{(11)} + 2m_{000}^{(00)} m_{100}^{(10)} m_{101}^{(21)} m_{022}^{(21)} \\
& -2m_{000}^{(00)} m_{100}^{(10)} m_{101}^{(21)} m_{013}^{(11)} - m_{000}^{(00)} m_{100}^{(10)} m_{101}^{(22)} m_{031}^{(21)} + m_{000}^{(00)} m_{100}^{(10)} m_{101}^{(22)} m_{022}^{(11)} \\
& +m_{000}^{(00)} m_{100}^{(10)} m_{020}^{(11)} m_{103}^{(22)} - m_{000}^{(00)} m_{100}^{(10)} m_{020}^{(11)} m_{004}^{(20)} - 2m_{000}^{(00)} m_{100}^{(10)} m_{020}^{(21)} m_{112}^{(22)} \\
& +2m_{000}^{(00)} m_{100}^{(10)} m_{020}^{(21)} m_{013}^{(20)} + m_{000}^{(00)} m_{100}^{(10)} m_{020}^{(22)} m_{121}^{(22)} - m_{000}^{(00)} m_{100}^{(10)} m_{020}^{(22)} m_{022}^{(20)} \\
& -2m_{000}^{(00)} m_{100}^{(10)} m_{011}^{(11)} m_{112}^{(22)} + m_{000}^{(00)} m_{100}^{(10)} m_{011}^{(11)} m_{013}^{(20)} + m_{000}^{(00)} m_{100}^{(10)} m_{011}^{(11)} m_{004}^{(10)} \\
& +4m_{000}^{(00)} m_{100}^{(10)} m_{011}^{(21)} m_{121}^{(22)} - 2m_{000}^{(00)} m_{100}^{(10)} m_{011}^{(21)} m_{022}^{(20)} - 2m_{000}^{(00)} m_{100}^{(10)} m_{011}^{(21)} m_{013}^{(10)} \\
& -2m_{000}^{(00)} m_{100}^{(10)} m_{011}^{(22)} m_{130}^{(22)} + m_{000}^{(00)} m_{100}^{(10)} m_{011}^{(22)} m_{031}^{(20)} + m_{000}^{(00)} m_{100}^{(10)} m_{011}^{(22)} m_{022}^{(10)} \\
& +2m_{000}^{(00)} m_{100}^{(10)} m_{002}^{(11)} m_{112}^{(21)} - m_{000}^{(00)} m_{100}^{(10)} m_{002}^{(11)} m_{103}^{(11)} - m_{000}^{(00)} m_{100}^{(10)} m_{002}^{(11)} m_{013}^{(10)} \\
& -4m_{000}^{(00)} m_{100}^{(10)} m_{002}^{(21)} m_{121}^{(21)} + 2m_{000}^{(00)} m_{100}^{(10)} m_{002}^{(21)} m_{112}^{(11)} + 2m_{000}^{(00)} m_{100}^{(10)} m_{002}^{(21)} m_{022}^{(10)} \\
& +2m_{000}^{(00)} m_{100}^{(10)} m_{002}^{(22)} m_{130}^{(21)} - m_{000}^{(00)} m_{100}^{(10)} m_{002}^{(22)} m_{121}^{(11)} - m_{000}^{(00)} m_{100}^{(10)} m_{002}^{(22)} m_{031}^{(10)} \\
& -m_{000}^{(00)} m_{100}^{(11)} m_{110}^{(11)} m_{103}^{(22)} + m_{000}^{(00)} m_{100}^{(11)} m_{110}^{(11)} m_{004}^{(20)} + 2m_{000}^{(00)} m_{100}^{(11)} m_{110}^{(21)} m_{112}^{(22)} \\
& -2m_{000}^{(00)} m_{100}^{(11)} m_{110}^{(21)} m_{013}^{(20)} - m_{000}^{(00)} m_{100}^{(11)} m_{110}^{(22)} m_{121}^{(22)} + m_{000}^{(00)} m_{100}^{(11)} m_{110}^{(22)} m_{022}^{(20)} \\
& +m_{000}^{(00)} m_{100}^{(11)} m_{101}^{(11)} m_{103}^{(21)} - m_{000}^{(00)} m_{100}^{(11)} m_{101}^{(11)} m_{004}^{(10)} - 2m_{000}^{(00)} m_{100}^{(11)} m_{101}^{(21)} m_{112}^{(21)} \\
& +2m_{000}^{(00)} m_{100}^{(11)} m_{101}^{(21)} m_{013}^{(10)} + m_{000}^{(00)} m_{100}^{(11)} m_{101}^{(22)} m_{121}^{(21)} - m_{000}^{(00)} m_{100}^{(11)} m_{101}^{(22)} m_{022}^{(10)} \\
& +m_{000}^{(00)} m_{100}^{(11)} m_{011}^{(11)} m_{202}^{(22)} - m_{000}^{(00)} m_{100}^{(11)} m_{011}^{(11)} m_{103}^{(20)} - 2m_{000}^{(00)} m_{100}^{(11)} m_{011}^{(21)} m_{211}^{(22)} \\
& +2m_{000}^{(00)} m_{100}^{(11)} m_{011}^{(21)} m_{112}^{(20)} + m_{000}^{(00)} m_{100}^{(11)} m_{011}^{(22)} m_{220}^{(22)} - m_{000}^{(00)} m_{100}^{(11)} m_{011}^{(22)} m_{121}^{(20)} \\
& -m_{000}^{(00)} m_{100}^{(11)} m_{002}^{(11)} m_{202}^{(21)} + m_{000}^{(00)} m_{100}^{(11)} m_{002}^{(11)} m_{103}^{(10)} + 2m_{000}^{(00)} m_{100}^{(11)} m_{002}^{(21)} m_{211}^{(21)} \\
& -2m_{000}^{(00)} m_{100}^{(11)} m_{002}^{(21)} m_{112}^{(10)} - m_{000}^{(00)} m_{100}^{(11)} m_{002}^{(22)} m_{220}^{(21)} + m_{000}^{(00)} m_{100}^{(11)} m_{002}^{(22)} m_{121}^{(10)} \\
& -m_{000}^{(00)} m_{100}^{(20)} m_{110}^{(11)} m_{022}^{(22)} + m_{000}^{(00)} m_{100}^{(20)} m_{110}^{(11)} m_{013}^{(21)} + 2m_{000}^{(00)} m_{100}^{(20)} m_{110}^{(21)} m_{031}^{(22)} \\
& -2m_{000}^{(00)} m_{100}^{(20)} m_{110}^{(21)} m_{022}^{(21)} - m_{000}^{(00)} m_{100}^{(20)} m_{110}^{(22)} m_{040}^{(22)} + m_{000}^{(00)} m_{100}^{(20)} m_{110}^{(22)} m_{031}^{(21)} \\
& +m_{000}^{(00)} m_{100}^{(20)} m_{101}^{(11)} m_{022}^{(21)} - m_{000}^{(00)} m_{100}^{(20)} m_{101}^{(11)} m_{013}^{(11)} - 2m_{000}^{(00)} m_{100}^{(20)} m_{101}^{(21)} m_{031}^{(21)} \\
& +2m_{000}^{(00)} m_{100}^{(20)} m_{101}^{(21)} m_{022}^{(11)} + m_{000}^{(00)} m_{100}^{(20)} m_{101}^{(22)} m_{040}^{(21)} - m_{000}^{(00)} m_{100}^{(20)} m_{101}^{(22)} m_{031}^{(11)} \\
& +m_{000}^{(00)} m_{100}^{(20)} m_{020}^{(11)} m_{112}^{(22)} - 2m_{000}^{(00)} m_{100}^{(20)} m_{020}^{(11)} m_{103}^{(21)} + m_{000}^{(00)} m_{100}^{(20)} m_{020}^{(11)} m_{013}^{(20)} \\
& -2m_{000}^{(00)} m_{100}^{(20)} m_{020}^{(21)} m_{121}^{(22)} + 4m_{000}^{(00)} m_{100}^{(20)} m_{020}^{(21)} m_{112}^{(21)} - 2m_{000}^{(00)} m_{100}^{(20)} m_{020}^{(21)} m_{022}^{(20)} \\
& +m_{000}^{(00)} m_{100}^{(20)} m_{020}^{(22)} m_{130}^{(22)} - 2m_{000}^{(00)} m_{100}^{(20)} m_{020}^{(22)} m_{121}^{(21)} + m_{000}^{(00)} m_{100}^{(20)} m_{020}^{(22)} m_{031}^{(20)} \\
& +2m_{000}^{(00)} m_{100}^{(20)} m_{011}^{(11)} m_{103}^{(11)} - m_{000}^{(00)} m_{100}^{(20)} m_{011}^{(11)} m_{022}^{(20)} - m_{000}^{(00)} m_{100}^{(20)} m_{011}^{(11)} m_{013}^{(10)} \\
& -4m_{000}^{(00)} m_{100}^{(20)} m_{011}^{(21)} m_{112}^{(11)} + 2m_{000}^{(00)} m_{100}^{(20)} m_{011}^{(21)} m_{031}^{(20)} + 2m_{000}^{(00)} m_{100}^{(20)} m_{011}^{(21)} m_{022}^{(10)} \\
& +2m_{000}^{(00)} m_{100}^{(20)} m_{011}^{(22)} m_{121}^{(11)} - m_{000}^{(00)} m_{100}^{(20)} m_{011}^{(22)} m_{040}^{(20)} - m_{000}^{(00)} m_{100}^{(20)} m_{011}^{(22)} m_{031}^{(10)} \\
& -m_{000}^{(00)} m_{100}^{(20)} m_{002}^{(11)} m_{112}^{(11)} + m_{000}^{(00)} m_{100}^{(20)} m_{002}^{(11)} m_{022}^{(10)} + 2m_{000}^{(00)} m_{100}^{(20)} m_{002}^{(21)} m_{121}^{(11)} \\
& -2m_{000}^{(00)} m_{100}^{(20)} m_{002}^{(21)} m_{031}^{(10)} - m_{000}^{(00)} m_{100}^{(20)} m_{002}^{(22)} m_{130}^{(11)} + m_{000}^{(00)} m_{100}^{(20)} m_{002}^{(22)} m_{040}^{(10)}
\end{aligned}
$$

$$+m_{000}^{(00)}m_{100}^{(21)}m_{110}^{(11)}m_{112}^{(22)}+m_{000}^{(00)}m_{100}^{(21)}m_{110}^{(11)}m_{103}^{(21)}-2m_{000}^{(00)}m_{100}^{(21)}m_{110}^{(11)}m_{013}^{(20)}$$
$$-2m_{000}^{(00)}m_{100}^{(21)}m_{110}^{(21)}m_{121}^{(22)}-2m_{000}^{(00)}m_{100}^{(21)}m_{110}^{(21)}m_{112}^{(21)}+4m_{000}^{(00)}m_{100}^{(21)}m_{110}^{(21)}m_{022}^{(20)}$$
$$+m_{000}^{(00)}m_{100}^{(21)}m_{110}^{(22)}m_{130}^{(22)}+m_{000}^{(00)}m_{100}^{(21)}m_{110}^{(22)}m_{121}^{(21)}-2m_{000}^{(00)}m_{100}^{(21)}m_{110}^{(22)}m_{031}^{(20)}$$
$$-m_{000}^{(00)}m_{100}^{(21)}m_{101}^{(11)}m_{112}^{(21)}-m_{000}^{(00)}m_{100}^{(21)}m_{101}^{(11)}m_{103}^{(11)}+2m_{000}^{(00)}m_{100}^{(21)}m_{101}^{(11)}m_{013}^{(10)}$$
$$+2m_{000}^{(00)}m_{100}^{(21)}m_{101}^{(21)}m_{121}^{(21)}+2m_{000}^{(00)}m_{100}^{(21)}m_{101}^{(21)}m_{112}^{(11)}-4m_{000}^{(00)}m_{100}^{(21)}m_{101}^{(21)}m_{022}^{(10)}$$
$$-m_{000}^{(00)}m_{100}^{(21)}m_{101}^{(22)}m_{130}^{(21)}-m_{000}^{(00)}m_{100}^{(21)}m_{101}^{(22)}m_{121}^{(11)}+2m_{000}^{(00)}m_{100}^{(21)}m_{101}^{(22)}m_{031}^{(10)}$$
$$-m_{000}^{(00)}m_{100}^{(21)}m_{020}^{(11)}m_{202}^{(22)}+m_{000}^{(00)}m_{100}^{(21)}m_{020}^{(11)}m_{103}^{(20)}+2m_{000}^{(00)}m_{100}^{(21)}m_{020}^{(21)}m_{211}^{(22)}$$
$$-2m_{000}^{(00)}m_{100}^{(21)}m_{020}^{(21)}m_{112}^{(20)}-m_{000}^{(00)}m_{100}^{(21)}m_{020}^{(22)}m_{220}^{(22)}+m_{000}^{(00)}m_{100}^{(21)}m_{020}^{(22)}m_{121}^{(20)}$$
$$+m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(11)}m_{112}^{(20)}-m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(11)}m_{103}^{(10)}-2m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(21)}m_{121}^{(20)}$$
$$+2m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(21)}m_{112}^{(10)}+m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(22)}m_{130}^{(20)}-m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(22)}m_{121}^{(10)}$$
$$+m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(11)}m_{202}^{(11)}-m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(11)}m_{112}^{(10)}-2m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(21)}m_{211}^{(11)}$$
$$+2m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(21)}m_{121}^{(10)}+m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(22)}m_{220}^{(11)}-m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(22)}m_{130}^{(10)}$$
$$-m_{000}^{(00)}m_{100}^{(22)}m_{110}^{(11)}m_{112}^{(21)}+m_{000}^{(00)}m_{100}^{(22)}m_{110}^{(11)}m_{022}^{(20)}+2m_{000}^{(00)}m_{100}^{(22)}m_{110}^{(21)}m_{121}^{(21)}$$
$$-2m_{000}^{(00)}m_{100}^{(22)}m_{110}^{(21)}m_{031}^{(20)}-m_{000}^{(00)}m_{100}^{(22)}m_{110}^{(22)}m_{130}^{(21)}+m_{000}^{(00)}m_{100}^{(22)}m_{110}^{(22)}m_{040}^{(20)}$$
$$+m_{000}^{(00)}m_{100}^{(22)}m_{101}^{(11)}m_{112}^{(11)}-m_{000}^{(00)}m_{100}^{(22)}m_{101}^{(11)}m_{022}^{(10)}-2m_{000}^{(00)}m_{100}^{(22)}m_{101}^{(21)}m_{121}^{(11)}$$
$$+2m_{000}^{(00)}m_{100}^{(22)}m_{101}^{(21)}m_{031}^{(10)}+m_{000}^{(00)}m_{100}^{(22)}m_{101}^{(22)}m_{130}^{(11)}-m_{000}^{(00)}m_{100}^{(22)}m_{101}^{(22)}m_{040}^{(10)}$$
$$+m_{000}^{(00)}m_{100}^{(22)}m_{020}^{(11)}m_{202}^{(21)}-m_{000}^{(00)}m_{100}^{(22)}m_{020}^{(11)}m_{112}^{(20)}-2m_{000}^{(00)}m_{100}^{(22)}m_{020}^{(21)}m_{211}^{(21)}$$
$$+2m_{000}^{(00)}m_{100}^{(22)}m_{020}^{(21)}m_{121}^{(20)}+m_{000}^{(00)}m_{100}^{(22)}m_{020}^{(22)}m_{220}^{(21)}-m_{000}^{(00)}m_{100}^{(22)}m_{020}^{(22)}m_{130}^{(20)}$$
$$-m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(11)}m_{202}^{(11)}+m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(11)}m_{112}^{(10)}+2m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(21)}m_{211}^{(11)}$$
$$-2m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(21)}m_{121}^{(10)}-m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(22)}m_{220}^{(11)}+m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(22)}m_{130}^{(10)}$$
$$+m_{000}^{(00)}m_{010}^{(00)}m_{110}^{(11)}m_{013}^{(22)}-m_{000}^{(00)}m_{010}^{(00)}m_{110}^{(11)}m_{004}^{(21)}-2m_{000}^{(00)}m_{010}^{(00)}m_{110}^{(21)}m_{022}^{(22)}$$
$$+2m_{000}^{(00)}m_{010}^{(00)}m_{110}^{(21)}m_{013}^{(21)}+m_{000}^{(00)}m_{010}^{(00)}m_{110}^{(22)}m_{031}^{(22)}-m_{000}^{(00)}m_{010}^{(00)}m_{110}^{(22)}m_{022}^{(21)}$$
$$-m_{000}^{(00)}m_{010}^{(00)}m_{101}^{(11)}m_{022}^{(22)}+m_{000}^{(00)}m_{010}^{(00)}m_{101}^{(11)}m_{013}^{(21)}+2m_{000}^{(00)}m_{010}^{(00)}m_{101}^{(21)}m_{031}^{(22)}$$
$$-2m_{000}^{(00)}m_{010}^{(00)}m_{101}^{(21)}m_{022}^{(21)}-m_{000}^{(00)}m_{010}^{(00)}m_{101}^{(22)}m_{040}^{(22)}+m_{000}^{(00)}m_{010}^{(00)}m_{101}^{(22)}m_{031}^{(21)}$$
$$-m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(11)}m_{013}^{(20)}+m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(11)}m_{004}^{(10)}+2m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(21)}m_{022}^{(20)}$$
$$-2m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(21)}m_{013}^{(10)}-m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(22)}m_{031}^{(20)}+m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(22)}m_{022}^{(10)}$$
$$+m_{000}^{(00)}m_{010}^{(00)}m_{002}^{(11)}m_{022}^{(20)}-m_{000}^{(00)}m_{010}^{(00)}m_{002}^{(11)}m_{013}^{(10)}-2m_{000}^{(00)}m_{010}^{(00)}m_{002}^{(21)}m_{031}^{(20)}$$
$$+2m_{000}^{(00)}m_{010}^{(00)}m_{002}^{(21)}m_{022}^{(10)}+m_{000}^{(00)}m_{010}^{(00)}m_{002}^{(22)}m_{040}^{(20)}-m_{000}^{(00)}m_{010}^{(00)}m_{002}^{(22)}m_{031}^{(10)}$$
$$-m_{000}^{(00)}m_{010}^{(10)}m_{200}^{(11)}m_{013}^{(22)}+m_{000}^{(00)}m_{010}^{(10)}m_{200}^{(11)}m_{004}^{(21)}+2m_{000}^{(00)}m_{010}^{(10)}m_{200}^{(21)}m_{022}^{(22)}$$
$$-2m_{000}^{(00)}m_{010}^{(10)}m_{200}^{(21)}m_{013}^{(21)}-m_{000}^{(00)}m_{010}^{(10)}m_{200}^{(22)}m_{031}^{(22)}+m_{000}^{(00)}m_{010}^{(10)}m_{200}^{(22)}m_{022}^{(21)}$$
$$-m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(11)}m_{103}^{(22)}+m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(11)}m_{004}^{(20)}+2m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(21)}m_{112}^{(22)}$$
$$-2m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(21)}m_{013}^{(20)}-m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(22)}m_{121}^{(22)}+m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(22)}m_{022}^{(20)}$$
$$+2m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(11)}m_{112}^{(22)}-m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(11)}m_{103}^{(21)}-m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(11)}m_{004}^{(10)}$$
$$-4m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(21)}m_{121}^{(22)}+2m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(21)}m_{112}^{(21)}+2m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(21)}m_{013}^{(10)}$$
$$+2m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(22)}m_{130}^{(22)}-m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(22)}m_{121}^{(21)}-m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(22)}m_{022}^{(10)}$$
$$+m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(11)}m_{103}^{(20)}-m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(11)}m_{004}^{(00)}-2m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{112}^{(20)}$$
$$+2m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{013}^{(00)}+m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(22)}m_{121}^{(20)}-m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(22)}m_{022}^{(00)}$$
$$-2m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(11)}m_{112}^{(20)}+m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(11)}m_{103}^{(10)}+m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(11)}m_{013}^{(00)}$$

$$+4m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(21)}m_{121}^{(20)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(21)}m_{112}^{(10)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(21)}m_{022}^{(00)}$$
$$-2m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(22)}m_{130}^{(20)} + m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(22)}m_{121}^{(10)} + m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(22)}m_{031}^{(00)}$$
$$+m_{000}^{(00)}m_{010}^{(11)}m_{200}^{(11)}m_{103}^{(22)} - m_{000}^{(00)}m_{010}^{(11)}m_{200}^{(11)}m_{004}^{(20)} - 2m_{000}^{(00)}m_{010}^{(11)}m_{200}^{(21)}m_{112}^{(22)}$$
$$+2m_{000}^{(00)}m_{010}^{(11)}m_{200}^{(21)}m_{013}^{(20)} + m_{000}^{(00)}m_{010}^{(11)}m_{200}^{(22)}m_{121}^{(22)} - m_{000}^{(00)}m_{010}^{(11)}m_{200}^{(22)}m_{022}^{(20)}$$
$$-m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(11)}m_{202}^{(22)} + m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(11)}m_{004}^{(00)} + 2m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(21)}m_{211}^{(22)}$$
$$-2m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(21)}m_{013}^{(00)} - m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(22)}m_{220}^{(22)} + m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(22)}m_{022}^{(00)}$$
$$+m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(11)}m_{202}^{(20)} - m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(11)}m_{103}^{(00)} - 2m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(21)}m_{211}^{(20)}$$
$$+2m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(21)}m_{112}^{(00)} + m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(22)}m_{220}^{(20)} - m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(22)}m_{121}^{(00)}$$
$$+m_{000}^{(00)}m_{010}^{(20)}m_{200}^{(11)}m_{022}^{(22)} - m_{000}^{(00)}m_{010}^{(20)}m_{200}^{(11)}m_{013}^{(21)} - 2m_{000}^{(00)}m_{010}^{(20)}m_{200}^{(21)}m_{031}^{(22)}$$
$$+2m_{000}^{(00)}m_{010}^{(20)}m_{200}^{(21)}m_{022}^{(21)} + m_{000}^{(00)}m_{010}^{(20)}m_{200}^{(22)}m_{040}^{(22)} - m_{000}^{(00)}m_{010}^{(20)}m_{200}^{(22)}m_{031}^{(21)}$$
$$-m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(11)}m_{112}^{(22)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(11)}m_{103}^{(21)} - m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(11)}m_{013}^{(20)}$$
$$+2m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{121}^{(22)} - 4m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{112}^{(21)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{022}^{(20)}$$
$$-m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(22)}m_{130}^{(22)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(22)}m_{121}^{(21)} - m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(22)}m_{031}^{(20)}$$
$$-m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(11)}m_{112}^{(21)} + m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(11)}m_{013}^{(10)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(21)}m_{121}^{(21)}$$
$$-2m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(21)}m_{022}^{(10)} - m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(22)}m_{130}^{(21)} + m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(22)}m_{031}^{(10)}$$
$$+m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(11)}m_{112}^{(20)} - 2m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(11)}m_{103}^{(10)} + m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(11)}m_{013}^{(00)}$$
$$-2m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{121}^{(20)} + 4m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{112}^{(10)} - 2m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{022}^{(00)}$$
$$+m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(22)}m_{130}^{(20)} - 2m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(22)}m_{121}^{(10)} + m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(22)}m_{031}^{(00)}$$
$$+m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(11)}m_{112}^{(10)} - m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(11)}m_{022}^{(00)} - 2m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{121}^{(10)}$$
$$+2m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{031}^{(00)} + m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(22)}m_{130}^{(10)} - m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(22)}m_{040}^{(00)}$$
$$-m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(11)}m_{112}^{(22)} - m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(11)}m_{103}^{(21)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(11)}m_{013}^{(20)}$$
$$+2m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(21)}m_{121}^{(22)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(21)}m_{112}^{(21)} - 4m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(21)}m_{022}^{(20)}$$
$$-m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(22)}m_{130}^{(22)} - m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(22)}m_{121}^{(21)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(22)}m_{031}^{(20)}$$
$$+m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(11)}m_{202}^{(22)} - m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(11)}m_{103}^{(20)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(21)}m_{211}^{(22)}$$
$$+2m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(21)}m_{112}^{(20)} + m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(22)}m_{220}^{(22)} - m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(22)}m_{121}^{(20)}$$
$$+m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(11)}m_{202}^{(21)} + m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(11)}m_{103}^{(10)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(11)}m_{013}^{(00)}$$
$$-2m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{211}^{(21)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{112}^{(10)} + 4m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{022}^{(00)}$$
$$+m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(22)}m_{220}^{(21)} + m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(22)}m_{121}^{(10)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(22)}m_{031}^{(00)}$$
$$-m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(11)}m_{202}^{(20)} + m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(11)}m_{103}^{(00)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{211}^{(20)}$$
$$-2m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{112}^{(00)} - m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{220}^{(20)} + m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{121}^{(00)}$$
$$-m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(11)}m_{202}^{(10)} + m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(11)}m_{112}^{(00)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(21)}m_{211}^{(10)}$$
$$-2m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(21)}m_{121}^{(00)} - m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(22)}m_{220}^{(10)} + m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(22)}m_{130}^{(00)}$$
$$+m_{000}^{(00)}m_{010}^{(22)}m_{200}^{(11)}m_{112}^{(21)} - m_{000}^{(00)}m_{010}^{(22)}m_{200}^{(11)}m_{022}^{(20)} - 2m_{000}^{(00)}m_{010}^{(22)}m_{200}^{(21)}m_{121}^{(21)}$$
$$+2m_{000}^{(00)}m_{010}^{(22)}m_{200}^{(21)}m_{031}^{(20)} + m_{000}^{(00)}m_{010}^{(22)}m_{200}^{(22)}m_{130}^{(21)} - m_{000}^{(00)}m_{010}^{(22)}m_{200}^{(22)}m_{040}^{(20)}$$
$$-m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(11)}m_{202}^{(21)} + m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(11)}m_{112}^{(20)} + 2m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{211}^{(21)}$$
$$-2m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{121}^{(20)} - m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(22)}m_{220}^{(21)} + m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(22)}m_{130}^{(20)}$$
$$-m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(11)}m_{112}^{(10)} + m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(11)}m_{022}^{(00)} + 2m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(21)}m_{121}^{(10)}$$
$$-2m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(21)}m_{031}^{(00)} - m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(22)}m_{130}^{(10)} + m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(22)}m_{040}^{(00)}$$

$$+m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(11)}m_{202}^{(10)}-m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(11)}m_{112}^{(00)}-2m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{211}^{(10)}$$
$$+2m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{121}^{(00)}+m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(22)}m_{220}^{(10)}-m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(22)}m_{130}^{(00)}$$
$$-m_{000}^{(00)}m_{001}^{(00)}m_{110}^{(11)}m_{013}^{(21)}+m_{000}^{(00)}m_{001}^{(00)}m_{110}^{(11)}m_{004}^{(11)}+2m_{000}^{(00)}m_{001}^{(00)}m_{110}^{(21)}m_{022}^{(21)}$$
$$-2m_{000}^{(00)}m_{001}^{(00)}m_{110}^{(21)}m_{013}^{(11)}-m_{000}^{(00)}m_{001}^{(00)}m_{110}^{(22)}m_{031}^{(21)}+m_{000}^{(00)}m_{001}^{(00)}m_{110}^{(22)}m_{022}^{(11)}$$
$$+m_{000}^{(00)}m_{001}^{(00)}m_{101}^{(11)}m_{022}^{(21)}-m_{000}^{(00)}m_{001}^{(00)}m_{101}^{(11)}m_{013}^{(11)}-2m_{000}^{(00)}m_{001}^{(00)}m_{101}^{(21)}m_{031}^{(21)}$$
$$+2m_{000}^{(00)}m_{001}^{(00)}m_{101}^{(21)}m_{022}^{(11)}+m_{000}^{(00)}m_{001}^{(00)}m_{101}^{(22)}m_{040}^{(21)}-m_{000}^{(00)}m_{001}^{(00)}m_{101}^{(22)}m_{031}^{(11)}$$
$$+m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(11)}m_{013}^{(20)}-m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(11)}m_{004}^{(10)}-2m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(21)}m_{022}^{(20)}$$
$$+2m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(21)}m_{013}^{(10)}+m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(22)}m_{031}^{(20)}-m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(22)}m_{022}^{(10)}$$
$$-m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(11)}m_{022}^{(20)}+m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(11)}m_{013}^{(10)}+2m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(21)}m_{031}^{(20)}$$
$$-2m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(21)}m_{022}^{(10)}-m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(22)}m_{040}^{(20)}+m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(22)}m_{031}^{(10)}$$
$$+m_{000}^{(00)}m_{001}^{(10)}m_{200}^{(11)}m_{013}^{(21)}-m_{000}^{(00)}m_{001}^{(10)}m_{200}^{(11)}m_{004}^{(11)}-2m_{000}^{(00)}m_{001}^{(10)}m_{200}^{(21)}m_{022}^{(21)}$$
$$+2m_{000}^{(00)}m_{001}^{(10)}m_{200}^{(21)}m_{013}^{(11)}+m_{000}^{(00)}m_{001}^{(10)}m_{200}^{(22)}m_{031}^{(21)}-m_{000}^{(00)}m_{001}^{(10)}m_{200}^{(22)}m_{022}^{(11)}$$
$$+m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(11)}m_{103}^{(21)}-m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(11)}m_{013}^{(20)}-2m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{112}^{(21)}$$
$$+2m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{022}^{(20)}+m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{121}^{(21)}-m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{031}^{(20)}$$
$$-2m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(11)}m_{112}^{(21)}+m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(11)}m_{103}^{(11)}+m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(11)}m_{013}^{(10)}$$
$$+4m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{121}^{(21)}-2m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{112}^{(11)}-2m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{022}^{(10)}$$
$$-2m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(22)}m_{130}^{(21)}+m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(22)}m_{121}^{(11)}+m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(22)}m_{031}^{(10)}$$
$$-m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(11)}m_{103}^{(20)}+m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(11)}m_{004}^{(00)}+2m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{112}^{(20)}$$
$$-2m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{013}^{(00)}-m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{121}^{(20)}+m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{022}^{(00)}$$
$$+2m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{112}^{(20)}-m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{103}^{(10)}-m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{013}^{(00)}$$
$$-4m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{121}^{(20)}+2m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{112}^{(10)}+2m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{022}^{(00)}$$
$$+2m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{130}^{(20)}-m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{121}^{(10)}-m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{031}^{(00)}$$
$$-m_{000}^{(00)}m_{001}^{(11)}m_{200}^{(11)}m_{103}^{(21)}+m_{000}^{(00)}m_{001}^{(11)}m_{200}^{(11)}m_{004}^{(10)}+2m_{000}^{(00)}m_{001}^{(11)}m_{200}^{(21)}m_{112}^{(21)}$$
$$-2m_{000}^{(00)}m_{001}^{(11)}m_{200}^{(21)}m_{013}^{(10)}-m_{000}^{(00)}m_{001}^{(11)}m_{200}^{(22)}m_{121}^{(21)}+m_{000}^{(00)}m_{001}^{(11)}m_{200}^{(22)}m_{022}^{(10)}$$
$$+m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(11)}m_{103}^{(20)}-m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(11)}m_{004}^{(00)}-2m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(21)}m_{112}^{(20)}$$
$$+2m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(21)}m_{013}^{(00)}+m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(22)}m_{121}^{(20)}-m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(22)}m_{022}^{(00)}$$
$$+m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(11)}m_{202}^{(21)}-m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(11)}m_{103}^{(10)}-2m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{211}^{(21)}$$
$$+2m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{112}^{(10)}+m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(22)}m_{220}^{(21)}-m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(22)}m_{121}^{(10)}$$
$$-m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(11)}m_{202}^{(20)}+m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(11)}m_{103}^{(00)}+2m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{211}^{(20)}$$
$$-2m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{112}^{(00)}-m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(22)}m_{220}^{(20)}+m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(22)}m_{121}^{(00)}$$
$$-m_{000}^{(00)}m_{001}^{(20)}m_{200}^{(11)}m_{022}^{(21)}+m_{000}^{(00)}m_{001}^{(20)}m_{200}^{(11)}m_{013}^{(11)}+2m_{000}^{(00)}m_{001}^{(20)}m_{200}^{(21)}m_{031}^{(21)}$$
$$-2m_{000}^{(00)}m_{001}^{(20)}m_{200}^{(21)}m_{022}^{(11)}-m_{000}^{(00)}m_{001}^{(20)}m_{200}^{(22)}m_{040}^{(21)}+m_{000}^{(00)}m_{001}^{(20)}m_{200}^{(22)}m_{031}^{(11)}$$
$$+m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(11)}m_{112}^{(21)}-2m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(11)}m_{103}^{(11)}+m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(11)}m_{022}^{(20)}$$
$$-2m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{121}^{(21)}+4m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{112}^{(11)}-2m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{031}^{(20)}$$
$$+m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(22)}m_{130}^{(21)}-2m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(22)}m_{121}^{(11)}+m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(22)}m_{040}^{(20)}$$
$$+m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{112}^{(11)}-m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{022}^{(10)}-2m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{121}^{(11)}$$
$$+2m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{031}^{(10)}+m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(22)}m_{130}^{(11)}-m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(22)}m_{040}^{(10)}$$
$$-m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{112}^{(20)}+2m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{103}^{(10)}-m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{013}^{(00)}$$

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\begin{aligned}
&+2m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{121}^{(20)} - 4m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{112}^{(10)} + 2m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{022}^{(00)}\\
&-m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(22)}m_{130}^{(20)} + 2m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(22)}m_{121}^{(10)} - m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(22)}m_{031}^{(00)}\\
&-m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{112}^{(10)} + m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{022}^{(00)} + 2m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{121}^{(10)}\\
&-2m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{031}^{(00)} - m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(22)}m_{130}^{(10)} + m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(22)}m_{040}^{(00)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(11)}m_{112}^{(21)} + m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(11)}m_{103}^{(11)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(11)}m_{013}^{(10)}\\
&-2m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(21)}m_{121}^{(21)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(21)}m_{112}^{(11)} + 4m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(21)}m_{022}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(22)}m_{130}^{(21)} + m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(22)}m_{121}^{(11)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(22)}m_{031}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(11)}m_{202}^{(21)} - m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(11)}m_{112}^{(20)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(11)}m_{013}^{(00)}\\
&+2m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{211}^{(21)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{121}^{(20)} - 4m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{022}^{(00)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(22)}m_{220}^{(21)} - m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(22)}m_{130}^{(20)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(22)}m_{031}^{(00)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{202}^{(11)} + m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{112}^{(10)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{211}^{(11)}\\
&-2m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{121}^{(10)} - m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(22)}m_{220}^{(11)} + m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(22)}m_{130}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(11)}m_{202}^{(20)} - m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(11)}m_{103}^{(00)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{211}^{(20)}\\
&+2m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{112}^{(00)} + m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{220}^{(20)} - m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{121}^{(00)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{202}^{(10)} - m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{112}^{(00)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{211}^{(10)}\\
&+2m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{121}^{(00)} + m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(22)}m_{220}^{(10)} - m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(22)}m_{130}^{(00)}\\
&-m_{000}^{(00)}m_{001}^{(22)}m_{200}^{(11)}m_{112}^{(11)} + m_{000}^{(00)}m_{001}^{(22)}m_{200}^{(11)}m_{022}^{(10)} + 2m_{000}^{(00)}m_{001}^{(22)}m_{200}^{(21)}m_{121}^{(11)}\\
&-2m_{000}^{(00)}m_{001}^{(22)}m_{200}^{(21)}m_{031}^{(10)} - m_{000}^{(00)}m_{001}^{(22)}m_{200}^{(22)}m_{130}^{(11)} + m_{000}^{(00)}m_{001}^{(22)}m_{200}^{(22)}m_{040}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(11)}m_{202}^{(11)} - m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(11)}m_{022}^{(00)} - 2m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(21)}m_{211}^{(11)}\\
&+2m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(21)}m_{031}^{(00)} + m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(22)}m_{220}^{(11)} - m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(22)}m_{040}^{(00)}\\
&-m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(11)}m_{202}^{(10)} + m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(11)}m_{112}^{(00)} + 2m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(21)}m_{211}^{(10)}\\
&-2m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(21)}m_{121}^{(00)} - m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(22)}m_{220}^{(10)} + m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(22)}m_{130}^{(00)}\\
&+2m_{000}^{(10)}m_{100}^{(00)}m_{020}^{(10)}m_{013}^{(22)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{020}^{(10)}m_{004}^{(21)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{020}^{(20)}m_{022}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(00)}m_{020}^{(20)}m_{013}^{(21)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{020}^{(21)}m_{112}^{(22)} + 2m_{000}^{(10)}m_{100}^{(00)}m_{020}^{(21)}m_{103}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(00)}m_{020}^{(22)}m_{121}^{(22)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{020}^{(22)}m_{112}^{(21)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(10)}m_{022}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(10)}m_{004}^{(11)} + 2m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(20)}m_{031}^{(22)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(20)}m_{013}^{(11)}\\
&+2m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(21)}m_{121}^{(22)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(21)}m_{103}^{(11)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(22)}m_{130}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(22)}m_{112}^{(11)} + 2m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(10)}m_{022}^{(21)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(10)}m_{013}^{(11)}\\
&-2m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(20)}m_{031}^{(21)} + 2m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(20)}m_{022}^{(11)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(21)}m_{121}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(21)}m_{112}^{(11)} + 2m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(22)}m_{130}^{(21)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(22)}m_{121}^{(11)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(10)}m_{013}^{(22)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(10)}m_{004}^{(21)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(20)}m_{022}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(20)}m_{013}^{(21)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(21)}m_{112}^{(22)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(21)}m_{103}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(22)}m_{121}^{(22)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(22)}m_{112}^{(21)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(10)}m_{013}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(10)}m_{004}^{(11)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(20)}m_{022}^{(21)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(20)}m_{013}^{(11)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(21)}m_{112}^{(21)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(21)}m_{103}^{(11)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(22)}m_{121}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(22)}m_{112}^{(11)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(10)}m_{103}^{(22)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(10)}m_{004}^{(20)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(20)}m_{112}^{(22)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(20)}m_{013}^{(20)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(21)}m_{202}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(21)}m_{103}^{(20)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(22)}m_{211}^{(22)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(22)}m_{112}^{(20)}
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&+4m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(10)}m_{112}^{(22)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(10)}m_{013}^{(20)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(10)}m_{004}^{(10)}\\
&-4m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(20)}m_{121}^{(22)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(20)}m_{022}^{(20)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(20)}m_{013}^{(10)}\\
&-4m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(21)}m_{211}^{(22)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(21)}m_{112}^{(20)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(21)}m_{103}^{(10)}\\
&+4m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(22)}m_{220}^{(22)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(22)}m_{121}^{(20)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(22)}m_{112}^{(10)}\\
&-4m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(10)}m_{112}^{(21)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(10)}m_{103}^{(11)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(10)}m_{013}^{(10)}\\
&+4m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(20)}m_{121}^{(21)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(20)}m_{112}^{(11)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(20)}m_{022}^{(10)}\\
&+4m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(21)}m_{211}^{(21)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(21)}m_{202}^{(11)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(21)}m_{112}^{(10)}\\
&-4m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(22)}m_{220}^{(21)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(22)}m_{211}^{(11)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(22)}m_{121}^{(10)}\\
&+2m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(10)}m_{103}^{(22)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(10)}m_{004}^{(20)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(20)}m_{112}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(20)}m_{013}^{(20)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(21)}m_{202}^{(22)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(21)}m_{103}^{(20)}\\
&+2m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(22)}m_{211}^{(22)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(22)}m_{112}^{(20)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(10)}m_{103}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(10)}m_{004}^{(10)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(20)}m_{112}^{(21)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(20)}m_{013}^{(10)}\\
&+2m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(21)}m_{202}^{(21)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(21)}m_{103}^{(10)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(22)}m_{211}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(22)}m_{112}^{(10)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(10)}m_{202}^{(22)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(10)}m_{103}^{(20)}\\
&+2m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(20)}m_{211}^{(22)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(20)}m_{112}^{(20)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(21)}m_{301}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(21)}m_{202}^{(20)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(22)}m_{310}^{(22)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(22)}m_{211}^{(20)}\\
&+2m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(10)}m_{202}^{(21)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(10)}m_{103}^{(10)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(20)}m_{211}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(20)}m_{112}^{(10)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(21)}m_{301}^{(21)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(21)}m_{202}^{(10)}\\
&+2m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(22)}m_{310}^{(21)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(22)}m_{211}^{(10)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(10)}m_{022}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(10)}m_{013}^{(21)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(20)}m_{031}^{(22)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(20)}m_{022}^{(21)}\\
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&-2m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(22)}m_{121}^{(21)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(10)}m_{022}^{(21)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(10)}m_{013}^{(11)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(20)}m_{031}^{(21)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(20)}m_{022}^{(11)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{121}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{112}^{(11)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(22)}m_{130}^{(21)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(22)}m_{121}^{(11)}\\
&-2m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(10)}m_{112}^{(22)} + 4m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(10)}m_{103}^{(21)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(10)}m_{013}^{(20)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(20)}m_{121}^{(22)} - 4m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(20)}m_{112}^{(21)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(20)}m_{022}^{(20)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(21)}m_{211}^{(22)} - 4m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(21)}m_{202}^{(21)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(21)}m_{112}^{(20)}\\
&-2m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(22)}m_{220}^{(22)} + 4m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(22)}m_{211}^{(21)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(22)}m_{121}^{(20)}\\
&-4m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(10)}m_{103}^{(11)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(10)}m_{022}^{(20)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(10)}m_{013}^{(10)}\\
&+4m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(20)}m_{112}^{(11)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(20)}m_{031}^{(20)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(20)}m_{022}^{(10)}\\
&+4m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{202}^{(11)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{121}^{(20)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{112}^{(10)}\\
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&+2m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(10)}m_{112}^{(11)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(10)}m_{022}^{(10)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(20)}m_{121}^{(11)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(20)}m_{031}^{(10)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(21)}m_{211}^{(11)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(21)}m_{121}^{(10)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(22)}m_{220}^{(11)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(22)}m_{130}^{(10)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(10)}m_{112}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(10)}m_{103}^{(21)} + 4m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(10)}m_{013}^{(20)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(20)}m_{121}^{(22)}\\
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&+2m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(10)}m_{103}^{(11)} - 4m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(10)}m_{013}^{(10)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(20)}m_{121}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(20)}m_{112}^{(11)} + 4m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(20)}m_{022}^{(10)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{211}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{202}^{(11)} + 4m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{112}^{(10)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(22)}m_{220}^{(21)}\\
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&-2m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(10)}m_{103}^{(20)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(20)}m_{211}^{(22)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(20)}m_{112}^{(20)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(21)}m_{301}^{(22)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(21)}m_{202}^{(20)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(22)}m_{310}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(22)}m_{211}^{(20)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{112}^{(20)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{103}^{(10)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{121}^{(20)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{112}^{(10)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{211}^{(20)}\\
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&-2m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{202}^{(11)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{112}^{(10)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(20)}m_{211}^{(11)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(20)}m_{121}^{(10)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(21)}m_{301}^{(11)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(21)}m_{211}^{(10)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(22)}m_{310}^{(11)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(22)}m_{220}^{(10)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(10)}m_{112}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(10)}m_{022}^{(20)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(20)}m_{121}^{(21)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(20)}m_{031}^{(20)}\\
&-2m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{211}^{(21)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{121}^{(20)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(22)}m_{220}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(22)}m_{130}^{(20)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(10)}m_{112}^{(11)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(10)}m_{022}^{(10)}\\
&+2m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(20)}m_{121}^{(11)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(20)}m_{031}^{(10)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(21)}m_{211}^{(11)}\\
&-2m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(21)}m_{121}^{(10)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(22)}m_{220}^{(11)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(22)}m_{130}^{(10)}\\
&-2m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(10)}m_{202}^{(21)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(10)}m_{112}^{(20)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(20)}m_{211}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(20)}m_{121}^{(20)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(21)}m_{301}^{(21)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(21)}m_{211}^{(20)}\\
&-2m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(22)}m_{310}^{(21)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(22)}m_{220}^{(20)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{202}^{(10)}\\
&-2m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(10)}m_{112}^{(10)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(20)}m_{211}^{(11)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(20)}m_{121}^{(10)}\\
&-2m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(21)}m_{301}^{(11)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(21)}m_{211}^{(10)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(22)}m_{310}^{(11)}\\
&-2m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(22)}m_{220}^{(10)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(10)}m_{013}^{(22)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(10)}m_{004}^{(21)}\\
&+2m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(20)}m_{022}^{(22)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(20)}m_{013}^{(21)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(21)}m_{112}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(21)}m_{103}^{(21)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(22)}m_{121}^{(22)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(22)}m_{112}^{(21)}\\
&+2m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(10)}m_{022}^{(22)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(10)}m_{013}^{(21)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(20)}m_{031}^{(22)}\\
&+2m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(20)}m_{022}^{(21)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(21)}m_{121}^{(22)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(21)}m_{112}^{(21)}\\
&+2m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(22)}m_{130}^{(22)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(22)}m_{121}^{(21)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(10)}m_{013}^{(20)}\\
&-2m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(10)}m_{004}^{(10)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(20)}m_{022}^{(20)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(20)}m_{013}^{(10)}\\
&-2m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{112}^{(20)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{103}^{(10)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(22)}m_{121}^{(20)}\\
&-2m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(22)}m_{112}^{(10)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(10)}m_{022}^{(20)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(10)}m_{013}^{(10)}\\
&+2m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(20)}m_{031}^{(20)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(20)}m_{022}^{(10)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(21)}m_{121}^{(20)}\\
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&+2m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(10)}m_{013}^{(22)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(10)}m_{004}^{(21)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(20)}m_{022}^{(22)}\\
&+2m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(20)}m_{013}^{(21)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(21)}m_{112}^{(22)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(21)}m_{103}^{(21)}\\
&+2m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(22)}m_{121}^{(22)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(22)}m_{112}^{(21)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(10)}m_{103}^{(22)}\\
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&-2m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(22)}m_{112}^{(20)} - 4m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(10)}m_{112}^{(22)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(10)}m_{103}^{(21)}\\
&+2m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(10)}m_{004}^{(10)} + 4m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(20)}m_{121}^{(22)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(20)}m_{112}^{(21)}\\
&-2m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(20)}m_{013}^{(10)} + 4m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(21)}m_{211}^{(22)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(21)}m_{202}^{(21)}\\
&-2m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(21)}m_{103}^{(10)} - 4m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{220}^{(22)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{211}^{(21)}\\
&+2m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{112}^{(10)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(10)}m_{103}^{(20)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(10)}m_{004}^{(00)}\\
&+2m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(20)}m_{112}^{(20)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(20)}m_{013}^{(00)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(21)}m_{202}^{(20)}\\
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&+4m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(10)}m_{112}^{(20)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(10)}m_{103}^{(10)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(10)}m_{013}^{(00)}\\
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&+4m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(22)}m_{220}^{(20)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(22)}m_{211}^{(10)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(22)}m_{121}^{(00)}\\
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&-2m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(10)}m_{004}^{(00)} - 2m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{211}^{(22)} + 2m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{013}^{(00)}\\
&-2m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(21)}m_{301}^{(22)} + 2m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(21)}m_{103}^{(00)} + 2m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(22)}m_{310}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(22)}m_{112}^{(00)} - 2m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(10)}m_{202}^{(20)} + 2m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(10)}m_{103}^{(00)}\\
&+2m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(20)}m_{211}^{(20)} - 2m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(20)}m_{112}^{(00)} + 2m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(21)}m_{301}^{(20)}\\
&-2m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(21)}m_{202}^{(00)} - 2m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(22)}m_{310}^{(20)} + 2m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(22)}m_{211}^{(00)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(10)}m_{022}^{(22)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(10)}m_{013}^{(21)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(20)}m_{031}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(20)}m_{022}^{(21)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{121}^{(22)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{112}^{(21)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(22)}m_{130}^{(22)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(22)}m_{121}^{(21)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(10)}m_{112}^{(22)}\\
&-4m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(10)}m_{103}^{(21)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(10)}m_{013}^{(20)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{121}^{(22)}\\
&+4m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{112}^{(21)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{022}^{(20)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{211}^{(22)}\\
&+4m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{202}^{(21)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{112}^{(20)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{220}^{(22)}\\
&-4m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{211}^{(21)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{121}^{(20)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{112}^{(21)}\\
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&+2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{022}^{(00)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{211}^{(20)} - 4m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{202}^{(10)}\\
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&+2m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{121}^{(10)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{031}^{(00)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{211}^{(10)}\\
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&-2m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{211}^{(22)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{202}^{(21)} + 4m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{112}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{220}^{(22)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{211}^{(21)} - 4m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{121}^{(20)}\\
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&+2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{112}^{(10)} - 4m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{022}^{(00)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{301}^{(21)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{202}^{(10)} - 4m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{112}^{(00)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{310}^{(21)}\\
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&-2m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(22)}m_{211}^{(00)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{202}^{(10)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{112}^{(00)}\\
&-2m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{211}^{(10)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{121}^{(00)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{301}^{(10)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{211}^{(00)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(22)}m_{310}^{(10)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(22)}m_{220}^{(00)}\\
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&-2m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{013}^{(10)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{031}^{(20)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{022}^{(10)}\\
&-2m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{121}^{(20)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{112}^{(10)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(22)}m_{130}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(22)}m_{121}^{(10)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{013}^{(10)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(10)}m_{004}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(20)}m_{022}^{(21)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(20)}m_{013}^{(11)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{112}^{(21)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{103}^{(11)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(22)}m_{121}^{(21)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(22)}m_{112}^{(11)}
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\begin{array}{lll}
-2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(10)}m_{103}^{(21)} & +2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(10)}m_{013}^{(20)} & +2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{112}^{(21)} \\
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&-2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{121}^{(10)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{031}^{(00)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{211}^{(10)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{121}^{(00)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(22)}m_{220}^{(10)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(22)}m_{130}^{(00)}\\
&-2m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{112}^{(21)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{103}^{(11)} + 4m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{013}^{(10)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{121}^{(21)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{112}^{(11)} - 4m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{022}^{(10)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{211}^{(21)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{202}^{(11)} - 4m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{112}^{(10)}\\
&-2m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(22)}m_{220}^{(21)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(22)}m_{211}^{(11)} + 4m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(22)}m_{121}^{(10)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{202}^{(21)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{112}^{(20)} - 4m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{013}^{(00)}\\
&-2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{211}^{(21)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{121}^{(20)} + 4m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{022}^{(00)}\\
&-2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{301}^{(21)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{211}^{(20)} + 4m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{112}^{(00)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{310}^{(21)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{220}^{(20)} - 4m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{121}^{(00)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{202}^{(11)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{112}^{(10)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{211}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{121}^{(10)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{301}^{(11)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{211}^{(10)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(22)}m_{310}^{(11)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(22)}m_{220}^{(10)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(10)}m_{202}^{(20)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(10)}m_{103}^{(00)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{211}^{(20)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{112}^{(00)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(21)}m_{301}^{(20)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(21)}m_{202}^{(00)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(22)}m_{310}^{(20)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(22)}m_{211}^{(00)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{202}^{(10)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{112}^{(00)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{211}^{(10)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{121}^{(00)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{301}^{(10)}\\
&-2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{211}^{(00)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(22)}m_{310}^{(10)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(22)}m_{220}^{(00)}\\
&+2m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{112}^{(11)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{022}^{(10)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(20)}m_{121}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(20)}m_{031}^{(10)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{211}^{(11)} + 2m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{121}^{(10)}\\
&+2m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(22)}m_{220}^{(11)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(22)}m_{130}^{(10)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{202}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{022}^{(00)} + 2m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{211}^{(11)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{031}^{(00)}\\
&+2m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{301}^{(11)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{121}^{(00)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(22)}m_{310}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(22)}m_{130}^{(00)} + 2m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{202}^{(10)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{112}^{(00)}\\
&-2m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{211}^{(10)} + 2m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{121}^{(00)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(21)}m_{301}^{(10)}\\
&+2m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(21)}m_{211}^{(00)} + 2m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(22)}m_{310}^{(10)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(22)}m_{220}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{020}^{(00)}m_{013}^{(22)} + m_{000}^{(11)}m_{100}^{(00)}m_{020}^{(00)}m_{004}^{(21)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{020}^{(20)}m_{112}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(00)}m_{020}^{(20)}m_{103}^{(21)} - m_{000}^{(11)}m_{100}^{(00)}m_{020}^{(22)}m_{211}^{(22)} + m_{000}^{(11)}m_{100}^{(00)}m_{020}^{(22)}m_{202}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(00)}m_{022}^{(22)} - m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(00)}m_{004}^{(11)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(20)}m_{121}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(20)}m_{103}^{(11)} + m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(22)}m_{220}^{(22)} - m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(22)}m_{202}^{(11)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(00)}m_{022}^{(21)} + m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(00)}m_{013}^{(11)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(20)}m_{121}^{(21)}\\
&-2m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(20)}m_{112}^{(11)} - m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(22)}m_{220}^{(21)} + m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(22)}m_{211}^{(11)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(00)}m_{013}^{(22)} - m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(00)}m_{004}^{(21)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(20)}m_{112}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(20)}m_{103}^{(21)} + m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(22)}m_{211}^{(22)} - m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(22)}m_{202}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(00)}m_{013}^{(21)} + m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(00)}m_{004}^{(11)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(20)}m_{112}^{(21)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(20)}m_{103}^{(11)} - m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(22)}m_{211}^{(21)} + m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(22)}m_{202}^{(11)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{020}^{(00)}m_{103}^{(22)} - m_{000}^{(11)}m_{100}^{(10)}m_{020}^{(00)}m_{004}^{(20)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{020}^{(20)}m_{202}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{020}^{(20)}m_{103}^{(20)} + m_{000}^{(11)}m_{100}^{(10)}m_{020}^{(22)}m_{301}^{(22)} - m_{000}^{(11)}m_{100}^{(10)}m_{020}^{(22)}m_{202}^{(20)}
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&-2m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(00)}m_{112}^{(22)} + m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(00)}m_{013}^{(20)} + m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(00)}m_{004}^{(10)}\\
&+4m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(20)}m_{211}^{(22)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(20)}m_{112}^{(20)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(20)}m_{103}^{(10)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(22)}m_{310}^{(22)} + m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(22)}m_{211}^{(20)} + m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(22)}m_{202}^{(10)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(00)}m_{112}^{(21)} - m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(00)}m_{103}^{(11)} - m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(00)}m_{013}^{(10)}\\
&-4m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(20)}m_{211}^{(21)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(20)}m_{202}^{(11)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(20)}m_{112}^{(10)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(22)}m_{310}^{(21)} - m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(22)}m_{301}^{(11)} - m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(22)}m_{211}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(11)}m_{110}^{(00)}m_{103}^{(22)} + m_{000}^{(11)}m_{100}^{(11)}m_{110}^{(00)}m_{004}^{(20)} + 2m_{000}^{(11)}m_{100}^{(11)}m_{110}^{(20)}m_{202}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(11)}m_{110}^{(20)}m_{103}^{(20)} - m_{000}^{(11)}m_{100}^{(11)}m_{110}^{(22)}m_{301}^{(22)} + m_{000}^{(11)}m_{100}^{(11)}m_{110}^{(22)}m_{202}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(00)}m_{103}^{(21)} - m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(00)}m_{004}^{(10)} - 2m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(20)}m_{202}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(20)}m_{103}^{(10)} + m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(22)}m_{301}^{(21)} - m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(22)}m_{202}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{011}^{(00)}m_{202}^{(22)} - m_{000}^{(11)}m_{100}^{(11)}m_{011}^{(00)}m_{103}^{(20)} - 2m_{000}^{(11)}m_{100}^{(11)}m_{011}^{(20)}m_{301}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(11)}m_{011}^{(20)}m_{202}^{(20)} + m_{000}^{(11)}m_{100}^{(11)}m_{011}^{(22)}m_{400}^{(22)} - m_{000}^{(11)}m_{100}^{(11)}m_{011}^{(22)}m_{301}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(00)}m_{202}^{(21)} + m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(00)}m_{103}^{(10)} + 2m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(20)}m_{301}^{(21)}\\
&-2m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(20)}m_{202}^{(10)} - m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(22)}m_{400}^{(21)} + m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(22)}m_{301}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(00)}m_{022}^{(22)} + m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(00)}m_{013}^{(21)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(20)}m_{121}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(20)}m_{112}^{(21)} - m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(22)}m_{220}^{(22)} + m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(22)}m_{211}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(00)}m_{022}^{(21)} - m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(00)}m_{013}^{(11)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(20)}m_{121}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(20)}m_{112}^{(11)} + m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(22)}m_{220}^{(21)} - m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(22)}m_{211}^{(11)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(00)}m_{112}^{(22)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(00)}m_{103}^{(21)} + m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(00)}m_{013}^{(20)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(20)}m_{211}^{(22)} + 4m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(20)}m_{202}^{(21)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(20)}m_{112}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(22)}m_{310}^{(22)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(22)}m_{301}^{(21)} + m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(22)}m_{211}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(00)}m_{103}^{(11)} - m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(00)}m_{022}^{(20)} - m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(00)}m_{013}^{(10)}\\
&-4m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{202}^{(11)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{121}^{(20)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{112}^{(10)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(22)}m_{301}^{(11)} - m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(22)}m_{220}^{(20)} - m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(22)}m_{211}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(00)}m_{112}^{(11)} + m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(00)}m_{022}^{(10)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(20)}m_{211}^{(11)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(20)}m_{121}^{(10)} - m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(22)}m_{310}^{(11)} + m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(22)}m_{220}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(00)}m_{112}^{(22)} + m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(00)}m_{103}^{(21)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(00)}m_{013}^{(20)}\\
&-2m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(20)}m_{211}^{(22)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(20)}m_{202}^{(21)} + 4m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(20)}m_{112}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(22)}m_{310}^{(22)} + m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(22)}m_{301}^{(21)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(22)}m_{211}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(00)}m_{112}^{(21)} - m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(00)}m_{103}^{(11)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(00)}m_{013}^{(10)}\\
&+2m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{211}^{(21)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{202}^{(11)} - 4m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{112}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(22)}m_{310}^{(21)} - m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(22)}m_{301}^{(11)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(22)}m_{211}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{020}^{(00)}m_{202}^{(22)} + m_{000}^{(11)}m_{100}^{(21)}m_{020}^{(00)}m_{103}^{(20)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{020}^{(20)}m_{301}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(21)}m_{020}^{(20)}m_{202}^{(20)} - m_{000}^{(11)}m_{100}^{(21)}m_{020}^{(22)}m_{400}^{(22)} + m_{000}^{(11)}m_{100}^{(21)}m_{020}^{(22)}m_{301}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(00)}m_{112}^{(20)} - m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(00)}m_{103}^{(10)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(20)}m_{211}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(20)}m_{202}^{(10)} + m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(22)}m_{310}^{(20)} - m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(22)}m_{301}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(00)}m_{202}^{(11)} - m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(00)}m_{112}^{(10)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(20)}m_{301}^{(11)}\\
&+2m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(20)}m_{211}^{(10)} + m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(22)}m_{400}^{(11)} - m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(22)}m_{310}^{(10)}
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&-m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(00)}m_{112}^{(21)}+m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(00)}m_{022}^{(20)}+2m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(20)}m_{211}^{(21)}\\
&-2m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(20)}m_{121}^{(20)}-m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(22)}m_{310}^{(21)}+m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(22)}m_{220}^{(20)}\\
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&+2m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(20)}m_{121}^{(10)}+m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(22)}m_{310}^{(11)}-m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(22)}m_{220}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(00)}m_{202}^{(21)}-m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(00)}m_{112}^{(20)}-2m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(20)}m_{301}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(20)}m_{211}^{(20)}+m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(22)}m_{400}^{(21)}-m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(22)}m_{310}^{(20)}\\
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&+m_{000}^{(11)}m_{010}^{(00)}m_{110}^{(00)}m_{013}^{(22)}-m_{000}^{(11)}m_{010}^{(00)}m_{110}^{(00)}m_{004}^{(21)}-2m_{000}^{(11)}m_{010}^{(00)}m_{110}^{(20)}m_{112}^{(22)}\\
&+2m_{000}^{(11)}m_{010}^{(00)}m_{110}^{(20)}m_{103}^{(21)}+m_{000}^{(11)}m_{010}^{(00)}m_{110}^{(22)}m_{211}^{(22)}-m_{000}^{(11)}m_{010}^{(00)}m_{110}^{(22)}m_{202}^{(21)}\\
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&+m_{000}^{(11)}m_{010}^{(00)}m_{002}^{(00)}m_{022}^{(20)}-m_{000}^{(11)}m_{010}^{(00)}m_{002}^{(00)}m_{013}^{(10)}-2m_{000}^{(11)}m_{010}^{(00)}m_{002}^{(20)}m_{121}^{(20)}\\
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&-m_{000}^{(11)}m_{010}^{(10)}m_{110}^{(00)}m_{103}^{(22)}+m_{000}^{(11)}m_{010}^{(10)}m_{110}^{(00)}m_{004}^{(20)}+2m_{000}^{(11)}m_{010}^{(10)}m_{110}^{(20)}m_{202}^{(22)}\\
&-2m_{000}^{(11)}m_{010}^{(10)}m_{110}^{(20)}m_{103}^{(20)}-m_{000}^{(11)}m_{010}^{(10)}m_{110}^{(22)}m_{301}^{(22)}+m_{000}^{(11)}m_{010}^{(10)}m_{110}^{(22)}m_{202}^{(20)}\\
&+2m_{000}^{(11)}m_{010}^{(10)}m_{101}^{(00)}m_{112}^{(22)}-m_{000}^{(11)}m_{010}^{(10)}m_{101}^{(00)}m_{103}^{(21)}-m_{000}^{(11)}m_{010}^{(10)}m_{101}^{(00)}m_{004}^{(10)}\\
&-4m_{000}^{(11)}m_{010}^{(10)}m_{101}^{(20)}m_{211}^{(22)}+2m_{000}^{(11)}m_{010}^{(10)}m_{101}^{(20)}m_{202}^{(21)}+2m_{000}^{(11)}m_{010}^{(10)}m_{101}^{(20)}m_{103}^{(10)}\\
&+2m_{000}^{(11)}m_{010}^{(10)}m_{101}^{(22)}m_{310}^{(22)}-m_{000}^{(11)}m_{010}^{(10)}m_{101}^{(22)}m_{301}^{(21)}-m_{000}^{(11)}m_{010}^{(10)}m_{101}^{(22)}m_{202}^{(10)}\\
&+m_{000}^{(11)}m_{010}^{(10)}m_{011}^{(00)}m_{103}^{(20)}-m_{000}^{(11)}m_{010}^{(10)}m_{011}^{(00)}m_{004}^{(00)}-2m_{000}^{(11)}m_{010}^{(10)}m_{011}^{(20)}m_{202}^{(20)}\\
&+2m_{000}^{(11)}m_{010}^{(10)}m_{011}^{(20)}m_{103}^{(00)}+m_{000}^{(11)}m_{010}^{(10)}m_{011}^{(22)}m_{301}^{(20)}-m_{000}^{(11)}m_{010}^{(10)}m_{011}^{(22)}m_{202}^{(00)}\\
&-2m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(00)}m_{112}^{(20)}+m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(00)}m_{103}^{(10)}+m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(00)}m_{013}^{(00)}\\
&+4m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(20)}m_{211}^{(20)}-2m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(20)}m_{202}^{(10)}-2m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(20)}m_{112}^{(00)}\\
&-2m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(22)}m_{310}^{(20)}+m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(22)}m_{301}^{(10)}+m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(22)}m_{211}^{(00)}\\
&+m_{000}^{(11)}m_{010}^{(11)}m_{200}^{(00)}m_{103}^{(22)}-m_{000}^{(11)}m_{010}^{(11)}m_{200}^{(00)}m_{004}^{(20)}-2m_{000}^{(11)}m_{010}^{(11)}m_{200}^{(20)}m_{202}^{(22)}\\
&+2m_{000}^{(11)}m_{010}^{(11)}m_{200}^{(20)}m_{103}^{(20)}+m_{000}^{(11)}m_{010}^{(11)}m_{200}^{(22)}m_{301}^{(22)}-m_{000}^{(11)}m_{010}^{(11)}m_{200}^{(22)}m_{202}^{(20)}\\
&-m_{000}^{(11)}m_{010}^{(11)}m_{101}^{(00)}m_{202}^{(22)}+m_{000}^{(11)}m_{010}^{(11)}m_{101}^{(00)}m_{004}^{(00)}+2m_{000}^{(11)}m_{010}^{(11)}m_{101}^{(20)}m_{301}^{(22)}\\
&-2m_{000}^{(11)}m_{010}^{(11)}m_{101}^{(20)}m_{103}^{(00)}-m_{000}^{(11)}m_{010}^{(11)}m_{101}^{(22)}m_{400}^{(22)}+m_{000}^{(11)}m_{010}^{(11)}m_{101}^{(22)}m_{202}^{(00)}\\
&+m_{000}^{(11)}m_{010}^{(11)}m_{002}^{(00)}m_{202}^{(20)}-m_{000}^{(11)}m_{010}^{(11)}m_{002}^{(00)}m_{103}^{(00)}-2m_{000}^{(11)}m_{010}^{(11)}m_{002}^{(20)}m_{301}^{(20)}\\
&+2m_{000}^{(11)}m_{010}^{(11)}m_{002}^{(20)}m_{202}^{(00)}+m_{000}^{(11)}m_{010}^{(11)}m_{002}^{(22)}m_{400}^{(20)}-m_{000}^{(11)}m_{010}^{(11)}m_{002}^{(22)}m_{301}^{(00)}\\
&+m_{000}^{(11)}m_{010}^{(20)}m_{200}^{(00)}m_{022}^{(22)}-m_{000}^{(11)}m_{010}^{(20)}m_{200}^{(00)}m_{013}^{(21)}-2m_{000}^{(11)}m_{010}^{(20)}m_{200}^{(20)}m_{121}^{(22)}\\
&+2m_{000}^{(11)}m_{010}^{(20)}m_{200}^{(20)}m_{112}^{(21)}+m_{000}^{(11)}m_{010}^{(20)}m_{200}^{(22)}m_{220}^{(22)}-m_{000}^{(11)}m_{010}^{(20)}m_{200}^{(22)}m_{211}^{(21)}\\
&-m_{000}^{(11)}m_{010}^{(20)}m_{110}^{(00)}m_{112}^{(22)}+2m_{000}^{(11)}m_{010}^{(20)}m_{110}^{(00)}m_{103}^{(21)}-m_{000}^{(11)}m_{010}^{(20)}m_{110}^{(00)}m_{013}^{(20)}\\
&+2m_{000}^{(11)}m_{010}^{(20)}m_{110}^{(20)}m_{211}^{(22)}-4m_{000}^{(11)}m_{010}^{(20)}m_{110}^{(20)}m_{202}^{(21)}+2m_{000}^{(11)}m_{010}^{(20)}m_{110}^{(20)}m_{112}^{(20)}
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\begin{aligned}
&-m_{000}^{(11)}m_{010}^{(20)}m_{110}^{(22)}m_{310}^{(22)} + 2m_{000}^{(11)}m_{010}^{(20)}m_{110}^{(22)}m_{301}^{(21)} - m_{000}^{(11)}m_{010}^{(20)}m_{110}^{(22)}m_{211}^{(20)}\\
&-m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(00)}m_{112}^{(21)} + m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(00)}m_{013}^{(10)} + 2m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{211}^{(21)}\\
&-2m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{112}^{(10)} - m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(22)}m_{310}^{(21)} + m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(22)}m_{211}^{(10)}\\
&+m_{000}^{(11)}m_{010}^{(20)}m_{011}^{(00)}m_{112}^{(20)} - 2m_{000}^{(11)}m_{010}^{(20)}m_{011}^{(00)}m_{103}^{(10)} + m_{000}^{(11)}m_{010}^{(20)}m_{011}^{(00)}m_{013}^{(00)}\\
&-2m_{000}^{(11)}m_{010}^{(20)}m_{011}^{(20)}m_{211}^{(20)} + 4m_{000}^{(11)}m_{010}^{(20)}m_{011}^{(20)}m_{202}^{(10)} - 2m_{000}^{(11)}m_{010}^{(20)}m_{011}^{(20)}m_{112}^{(00)}\\
&+m_{000}^{(11)}m_{010}^{(20)}m_{011}^{(22)}m_{310}^{(20)} - 2m_{000}^{(11)}m_{010}^{(20)}m_{011}^{(22)}m_{301}^{(10)} + m_{000}^{(11)}m_{010}^{(20)}m_{011}^{(22)}m_{211}^{(00)}\\
&+m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(00)}m_{112}^{(10)} - m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(00)}m_{022}^{(00)} - 2m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(20)}m_{211}^{(10)}\\
&+2m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(20)}m_{121}^{(00)} + m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(22)}m_{310}^{(10)} - m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(22)}m_{220}^{(00)}\\
&-m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(00)}m_{112}^{(22)} - m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(00)}m_{103}^{(21)} + 2m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(00)}m_{013}^{(20)}\\
&+2m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{211}^{(22)} + 2m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{202}^{(21)} - 4m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{112}^{(20)}\\
&-m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{310}^{(22)} - m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{301}^{(21)} + 2m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{211}^{(20)}\\
&+m_{000}^{(11)}m_{010}^{(21)}m_{110}^{(00)}m_{202}^{(22)} - m_{000}^{(11)}m_{010}^{(21)}m_{110}^{(00)}m_{103}^{(20)} - 2m_{000}^{(11)}m_{010}^{(21)}m_{110}^{(20)}m_{301}^{(22)}\\
&+2m_{000}^{(11)}m_{010}^{(21)}m_{110}^{(20)}m_{202}^{(20)} + m_{000}^{(11)}m_{010}^{(21)}m_{110}^{(22)}m_{400}^{(22)} - m_{000}^{(11)}m_{010}^{(21)}m_{110}^{(22)}m_{301}^{(20)}\\
&+m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(00)}m_{202}^{(21)} + m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(00)}m_{103}^{(10)} - 2m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(00)}m_{013}^{(00)}\\
&-2m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{301}^{(21)} - 2m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{202}^{(10)} + 4m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{112}^{(00)}\\
&+m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(22)}m_{400}^{(21)} + m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(22)}m_{301}^{(10)} - 2m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(22)}m_{211}^{(00)}\\
&-m_{000}^{(11)}m_{010}^{(21)}m_{011}^{(00)}m_{202}^{(20)} + m_{000}^{(11)}m_{010}^{(21)}m_{011}^{(00)}m_{103}^{(00)} + 2m_{000}^{(11)}m_{010}^{(21)}m_{011}^{(20)}m_{301}^{(20)}\\
&-2m_{000}^{(11)}m_{010}^{(21)}m_{011}^{(20)}m_{202}^{(00)} - m_{000}^{(11)}m_{010}^{(21)}m_{011}^{(22)}m_{400}^{(20)} + m_{000}^{(11)}m_{010}^{(21)}m_{011}^{(22)}m_{301}^{(00)}\\
&-m_{000}^{(11)}m_{010}^{(21)}m_{002}^{(00)}m_{202}^{(10)} + m_{000}^{(11)}m_{010}^{(21)}m_{002}^{(00)}m_{112}^{(00)} + 2m_{000}^{(11)}m_{010}^{(21)}m_{002}^{(20)}m_{301}^{(10)}\\
&-2m_{000}^{(11)}m_{010}^{(21)}m_{002}^{(20)}m_{211}^{(00)} - m_{000}^{(11)}m_{010}^{(21)}m_{002}^{(22)}m_{400}^{(10)} + m_{000}^{(11)}m_{010}^{(21)}m_{002}^{(22)}m_{310}^{(00)}\\
&+m_{000}^{(11)}m_{010}^{(22)}m_{200}^{(00)}m_{112}^{(21)} - m_{000}^{(11)}m_{010}^{(22)}m_{200}^{(00)}m_{022}^{(20)} - 2m_{000}^{(11)}m_{010}^{(22)}m_{200}^{(20)}m_{211}^{(21)}\\
&+2m_{000}^{(11)}m_{010}^{(22)}m_{200}^{(20)}m_{121}^{(20)} + m_{000}^{(11)}m_{010}^{(22)}m_{200}^{(22)}m_{310}^{(21)} - m_{000}^{(11)}m_{010}^{(22)}m_{200}^{(22)}m_{220}^{(20)}\\
&-m_{000}^{(11)}m_{010}^{(22)}m_{110}^{(00)}m_{202}^{(21)} + m_{000}^{(11)}m_{010}^{(22)}m_{110}^{(00)}m_{112}^{(20)} + 2m_{000}^{(11)}m_{010}^{(22)}m_{110}^{(20)}m_{301}^{(21)}\\
&-2m_{000}^{(11)}m_{010}^{(22)}m_{110}^{(20)}m_{211}^{(20)} - m_{000}^{(11)}m_{010}^{(22)}m_{110}^{(22)}m_{400}^{(21)} + m_{000}^{(11)}m_{010}^{(22)}m_{110}^{(22)}m_{310}^{(20)}\\
&-m_{000}^{(11)}m_{010}^{(22)}m_{101}^{(00)}m_{112}^{(10)} + m_{000}^{(11)}m_{010}^{(22)}m_{101}^{(00)}m_{022}^{(00)} + 2m_{000}^{(11)}m_{010}^{(22)}m_{101}^{(20)}m_{211}^{(10)}\\
&-2m_{000}^{(11)}m_{010}^{(22)}m_{101}^{(20)}m_{121}^{(00)} - m_{000}^{(11)}m_{010}^{(22)}m_{101}^{(22)}m_{310}^{(10)} + m_{000}^{(11)}m_{010}^{(22)}m_{101}^{(22)}m_{220}^{(00)}\\
&+m_{000}^{(11)}m_{010}^{(22)}m_{011}^{(00)}m_{202}^{(10)} - m_{000}^{(11)}m_{010}^{(22)}m_{011}^{(00)}m_{112}^{(00)} - 2m_{000}^{(11)}m_{010}^{(22)}m_{011}^{(20)}m_{301}^{(10)}\\
&+2m_{000}^{(11)}m_{010}^{(22)}m_{011}^{(20)}m_{211}^{(00)} + m_{000}^{(11)}m_{010}^{(22)}m_{011}^{(22)}m_{400}^{(10)} - m_{000}^{(11)}m_{010}^{(22)}m_{011}^{(22)}m_{310}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(00)}m_{013}^{(21)} + m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(00)}m_{004}^{(11)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(20)}m_{112}^{(21)}\\
&-2m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(20)}m_{103}^{(11)} - m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(22)}m_{211}^{(21)} + m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(22)}m_{202}^{(11)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(00)}m_{022}^{(21)} - m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(00)}m_{013}^{(11)} - 2m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{121}^{(21)}\\
&+2m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{112}^{(11)} + m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(22)}m_{220}^{(21)} - m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(22)}m_{211}^{(11)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(00)}m_{013}^{(20)} - m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(00)}m_{004}^{(10)} - 2m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(20)}m_{112}^{(20)}\\
&+2m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(20)}m_{103}^{(10)} + m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(22)}m_{211}^{(20)} - m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(22)}m_{202}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(00)}m_{022}^{(20)} + m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(00)}m_{013}^{(10)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{121}^{(20)}\\
&-2m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{112}^{(10)} - m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(22)}m_{220}^{(20)} + m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(22)}m_{211}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(00)}m_{013}^{(21)} - m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(00)}m_{004}^{(11)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{112}^{(21)}\\
&+2m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{103}^{(11)} + m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{211}^{(21)} - m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{202}^{(11)}
\end{aligned}
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$$+m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(00)}m_{103}^{(21)} - m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(00)}m_{013}^{(20)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{202}^{(21)}$$
$$+2m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{112}^{(20)} + m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(22)}m_{301}^{(21)} - m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(22)}m_{211}^{(20)}$$
$$-2m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(00)}m_{112}^{(21)} + m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(00)}m_{103}^{(11)} + m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(00)}m_{013}^{(10)}$$
$$+4m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{211}^{(21)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{202}^{(11)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{112}^{(10)}$$
$$-2m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{310}^{(21)} + m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{301}^{(11)} + m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{211}^{(10)}$$
$$-m_{000}^{(11)}m_{001}^{(10)}m_{020}^{(00)}m_{103}^{(20)} + m_{000}^{(11)}m_{001}^{(10)}m_{020}^{(00)}m_{004}^{(00)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{020}^{(20)}m_{202}^{(20)}$$
$$-2m_{000}^{(11)}m_{001}^{(10)}m_{020}^{(20)}m_{103}^{(00)} - m_{000}^{(11)}m_{001}^{(10)}m_{020}^{(22)}m_{301}^{(20)} + m_{000}^{(11)}m_{001}^{(10)}m_{020}^{(22)}m_{202}^{(00)}$$
$$+2m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(00)}m_{112}^{(20)} - m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(00)}m_{103}^{(10)} - m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(00)}m_{013}^{(00)}$$
$$-4m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{211}^{(20)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{202}^{(10)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{112}^{(00)}$$
$$+2m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(22)}m_{310}^{(20)} - m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(22)}m_{301}^{(10)} - m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(22)}m_{211}^{(00)}$$
$$-m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(00)}m_{103}^{(21)} + m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(00)}m_{004}^{(10)} + 2m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(20)}m_{202}^{(21)}$$
$$-2m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(20)}m_{103}^{(10)} - m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(22)}m_{301}^{(21)} + m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(22)}m_{202}^{(10)}$$
$$+m_{000}^{(11)}m_{001}^{(11)}m_{110}^{(00)}m_{103}^{(20)} - m_{000}^{(11)}m_{001}^{(11)}m_{110}^{(00)}m_{004}^{(00)} - 2m_{000}^{(11)}m_{001}^{(11)}m_{110}^{(20)}m_{202}^{(20)}$$
$$+2m_{000}^{(11)}m_{001}^{(11)}m_{110}^{(20)}m_{103}^{(00)} + m_{000}^{(11)}m_{001}^{(11)}m_{110}^{(22)}m_{301}^{(20)} - m_{000}^{(11)}m_{001}^{(11)}m_{110}^{(22)}m_{202}^{(00)}$$
$$+m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(00)}m_{202}^{(21)} - m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(00)}m_{103}^{(10)} - 2m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(20)}m_{301}^{(21)}$$
$$+2m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(20)}m_{202}^{(10)} + m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(22)}m_{400}^{(21)} - m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(22)}m_{301}^{(10)}$$
$$-m_{000}^{(11)}m_{001}^{(11)}m_{011}^{(00)}m_{202}^{(20)} + m_{000}^{(11)}m_{001}^{(11)}m_{011}^{(00)}m_{103}^{(00)} + 2m_{000}^{(11)}m_{001}^{(11)}m_{011}^{(20)}m_{301}^{(20)}$$
$$-2m_{000}^{(11)}m_{001}^{(11)}m_{011}^{(20)}m_{202}^{(00)} - m_{000}^{(11)}m_{001}^{(11)}m_{011}^{(22)}m_{400}^{(20)} + m_{000}^{(11)}m_{001}^{(11)}m_{011}^{(22)}m_{301}^{(00)}$$
$$-m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(00)}m_{022}^{(21)} + m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(00)}m_{013}^{(11)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{121}^{(21)}$$
$$-2m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{112}^{(11)} - m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(22)}m_{220}^{(21)} + m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(22)}m_{211}^{(11)}$$
$$+m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(00)}m_{112}^{(21)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(00)}m_{103}^{(11)} + m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(00)}m_{022}^{(20)}$$
$$-2m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{211}^{(21)} + 4m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{202}^{(11)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{121}^{(20)}$$
$$+m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(22)}m_{310}^{(21)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(22)}m_{301}^{(11)} + m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(22)}m_{220}^{(20)}$$
$$+m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{112}^{(11)} - m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{022}^{(10)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{211}^{(11)}$$
$$+2m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{121}^{(10)} + m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(22)}m_{310}^{(11)} - m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(22)}m_{220}^{(10)}$$
$$-m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(00)}m_{112}^{(20)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(00)}m_{103}^{(10)} - m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(00)}m_{013}^{(00)}$$
$$+2m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(20)}m_{211}^{(20)} - 4m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(20)}m_{202}^{(10)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(20)}m_{112}^{(00)}$$
$$-m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(22)}m_{310}^{(20)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(22)}m_{301}^{(10)} - m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(22)}m_{211}^{(00)}$$
$$-m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{112}^{(10)} + m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{022}^{(00)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{211}^{(10)}$$
$$-2m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{121}^{(00)} - m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(22)}m_{310}^{(10)} + m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(22)}m_{220}^{(00)}$$
$$+m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{112}^{(21)} + m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{103}^{(11)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{013}^{(10)}$$
$$-2m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{211}^{(21)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{202}^{(11)} + 4m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{112}^{(10)}$$
$$+m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(22)}m_{310}^{(21)} + m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(22)}m_{301}^{(11)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(22)}m_{211}^{(10)}$$
$$-m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{202}^{(21)} - m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{112}^{(20)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{013}^{(00)}$$
$$+2m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{301}^{(21)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{211}^{(20)} - 4m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{112}^{(00)}$$
$$-m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(22)}m_{400}^{(21)} - m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(22)}m_{310}^{(20)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(22)}m_{211}^{(00)}$$
$$-m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{202}^{(11)} + m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{112}^{(10)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{301}^{(11)}$$
$$-2m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{211}^{(10)} - m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(22)}m_{400}^{(11)} + m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(22)}m_{310}^{(10)}$$

$$+m_{000}^{(11)}m_{001}^{(21)}m_{020}^{(00)}m_{202}^{(20)}-m_{000}^{(11)}m_{001}^{(21)}m_{020}^{(00)}m_{103}^{(00)}-2m_{000}^{(11)}m_{001}^{(21)}m_{020}^{(20)}m_{301}^{(20)}$$
$$+2m_{000}^{(11)}m_{001}^{(21)}m_{020}^{(20)}m_{202}^{(00)}+m_{000}^{(11)}m_{001}^{(21)}m_{020}^{(22)}m_{400}^{(20)}-m_{000}^{(11)}m_{001}^{(21)}m_{020}^{(22)}m_{301}^{(00)}$$
$$+m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{202}^{(10)}-m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{112}^{(00)}-2m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{301}^{(10)}$$
$$+2m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{211}^{(00)}+m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(22)}m_{400}^{(10)}-m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(22)}m_{310}^{(00)}$$
$$-m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(00)}m_{112}^{(11)}+m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(00)}m_{022}^{(10)}+2m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(20)}m_{211}^{(11)}$$
$$-2m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(20)}m_{121}^{(10)}-m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(22)}m_{310}^{(11)}+m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(22)}m_{220}^{(10)}$$
$$+m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{202}^{(11)}-m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{022}^{(00)}-2m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(20)}m_{301}^{(11)}$$
$$+2m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(20)}m_{121}^{(00)}+m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(22)}m_{400}^{(11)}-m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(22)}m_{220}^{(00)}$$
$$-m_{000}^{(11)}m_{001}^{(22)}m_{020}^{(00)}m_{202}^{(10)}+m_{000}^{(11)}m_{001}^{(22)}m_{020}^{(00)}m_{112}^{(00)}+2m_{000}^{(11)}m_{001}^{(22)}m_{020}^{(20)}m_{301}^{(10)}$$
$$-2m_{000}^{(11)}m_{001}^{(22)}m_{020}^{(20)}m_{211}^{(00)}-m_{000}^{(11)}m_{001}^{(22)}m_{020}^{(22)}m_{400}^{(10)}+m_{000}^{(11)}m_{001}^{(22)}m_{020}^{(22)}m_{310}^{(00)}$$
$$-2m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(10)}m_{022}^{(22)}+2m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(10)}m_{013}^{(21)}+2m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(11)}m_{112}^{(22)}$$
$$-2m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(11)}m_{103}^{(21)}+2m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(20)}m_{031}^{(22)}-2m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(20)}m_{022}^{(21)}$$
$$-2m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(21)}m_{121}^{(22)}+2m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(21)}m_{112}^{(21)}+2m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(10)}m_{031}^{(22)}$$
$$-2m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(10)}m_{013}^{(11)}-2m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(11)}m_{121}^{(22)}+2m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(11)}m_{103}^{(11)}$$
$$-2m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(20)}m_{040}^{(22)}+2m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(20)}m_{022}^{(11)}+2m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(21)}m_{130}^{(22)}$$
$$-2m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(21)}m_{112}^{(11)}-2m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(10)}m_{031}^{(21)}+2m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(10)}m_{022}^{(11)}$$
$$+2m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(11)}m_{121}^{(21)}-2m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(11)}m_{112}^{(11)}+2m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(20)}m_{040}^{(21)}$$
$$-2m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(20)}m_{031}^{(11)}-2m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(21)}m_{130}^{(21)}+2m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(21)}m_{121}^{(11)}$$
$$+2m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(10)}m_{022}^{(22)}-2m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(10)}m_{013}^{(21)}-2m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(11)}m_{112}^{(22)}$$
$$+2m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(11)}m_{103}^{(21)}-2m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(20)}m_{031}^{(22)}+2m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(20)}m_{022}^{(21)}$$
$$+2m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(21)}m_{121}^{(22)}-2m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(21)}m_{112}^{(21)}-2m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(10)}m_{022}^{(21)}$$
$$+2m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(10)}m_{013}^{(11)}+2m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(11)}m_{112}^{(21)}-2m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(11)}m_{103}^{(11)}$$
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$$+2m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(21)}m_{112}^{(11)}+2m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(10)}m_{112}^{(22)}-2m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(10)}m_{013}^{(20)}$$
$$-2m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(11)}m_{202}^{(22)}+2m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(11)}m_{103}^{(20)}-2m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(20)}m_{121}^{(22)}$$
$$+2m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(20)}m_{022}^{(20)}+2m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(21)}m_{211}^{(22)}-2m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(21)}m_{112}^{(20)}$$
$$-4m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(10)}m_{121}^{(22)}+2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(10)}m_{022}^{(20)}+2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(10)}m_{013}^{(10)}$$
$$+4m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(11)}m_{211}^{(22)}-2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(11)}m_{112}^{(20)}-2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(11)}m_{103}^{(10)}$$
$$+4m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(20)}m_{130}^{(22)}-2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(20)}m_{031}^{(20)}-2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(20)}m_{022}^{(10)}$$
$$-4m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(21)}m_{220}^{(22)}+2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(21)}m_{121}^{(20)}+2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(21)}m_{112}^{(10)}$$
$$+4m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(10)}m_{121}^{(21)}-2m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(10)}m_{112}^{(11)}-2m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(10)}m_{022}^{(10)}$$
$$-4m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(11)}m_{211}^{(21)}+2m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(11)}m_{202}^{(11)}+2m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(11)}m_{112}^{(10)}$$
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$$+4m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(21)}m_{220}^{(21)}-2m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(21)}m_{211}^{(11)}-2m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(21)}m_{121}^{(10)}$$
$$-2m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(10)}m_{112}^{(22)}+2m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(10)}m_{013}^{(20)}+2m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(11)}m_{202}^{(22)}$$
$$-2m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(11)}m_{103}^{(20)}+2m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(20)}m_{121}^{(22)}-2m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(20)}m_{022}^{(20)}$$
$$-2m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(21)}m_{211}^{(22)}+2m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(21)}m_{112}^{(20)}+2m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(10)}m_{112}^{(21)}$$
$$-2m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(10)}m_{013}^{(10)}-2m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(11)}m_{202}^{(21)}+2m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(11)}m_{103}^{(10)}$$

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\begin{aligned}
&-2m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(20)}m_{121}^{(21)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(20)}m_{022}^{(10)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(21)}m_{211}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(21)}m_{112}^{(10)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(10)}m_{211}^{(22)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(10)}m_{112}^{(20)}\\
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&+2m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(20)}m_{121}^{(20)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(21)}m_{310}^{(22)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(21)}m_{211}^{(20)}\\
&-2m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(10)}m_{211}^{(21)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(10)}m_{112}^{(10)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(11)}m_{301}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(11)}m_{202}^{(10)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(20)}m_{220}^{(21)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(20)}m_{121}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(21)}m_{310}^{(21)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(21)}m_{211}^{(10)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(10)}m_{031}^{(22)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(10)}m_{022}^{(21)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(11)}m_{121}^{(22)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(11)}m_{112}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(20)}m_{040}^{(22)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(20)}m_{031}^{(21)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(21)}m_{130}^{(22)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(21)}m_{121}^{(21)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(10)}m_{031}^{(21)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(10)}m_{022}^{(11)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(11)}m_{121}^{(21)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(11)}m_{112}^{(11)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(20)}m_{040}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(20)}m_{031}^{(11)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(21)}m_{130}^{(21)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(21)}m_{121}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(10)}m_{121}^{(22)} - 4m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(10)}m_{112}^{(21)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(10)}m_{022}^{(20)}\\
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&+2m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(21)}m_{220}^{(22)} - 4m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(21)}m_{211}^{(21)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(21)}m_{121}^{(20)}\\
&+4m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(10)}m_{112}^{(11)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(10)}m_{031}^{(20)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(10)}m_{022}^{(10)}\\
&-4m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(11)}m_{202}^{(11)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(11)}m_{121}^{(20)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(11)}m_{112}^{(10)}\\
&-4m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(20)}m_{121}^{(11)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(20)}m_{040}^{(20)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(20)}m_{031}^{(10)}\\
&+4m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(21)}m_{211}^{(11)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(21)}m_{130}^{(20)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(21)}m_{121}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(10)}m_{121}^{(11)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(10)}m_{031}^{(10)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(11)}m_{211}^{(11)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(11)}m_{121}^{(10)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(20)}m_{130}^{(11)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(20)}m_{040}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(21)}m_{220}^{(11)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(21)}m_{130}^{(10)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(10)}m_{121}^{(22)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(10)}m_{112}^{(21)} - 4m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(10)}m_{022}^{(20)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(11)}m_{211}^{(22)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(11)}m_{202}^{(21)} + 4m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(11)}m_{112}^{(20)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(20)}m_{130}^{(22)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(20)}m_{121}^{(21)} + 4m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(20)}m_{031}^{(20)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{220}^{(22)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{211}^{(21)} - 4m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{121}^{(20)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(10)}m_{121}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(10)}m_{112}^{(11)} + 4m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(10)}m_{022}^{(10)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{211}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{202}^{(11)} - 4m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{112}^{(10)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(20)}m_{130}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(20)}m_{121}^{(11)} - 4m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(20)}m_{031}^{(10)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{220}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{211}^{(11)} + 4m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{121}^{(10)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(10)}m_{211}^{(22)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(10)}m_{112}^{(20)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(11)}m_{301}^{(22)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(11)}m_{202}^{(20)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{220}^{(22)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{121}^{(21)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(21)}m_{310}^{(22)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(21)}m_{211}^{(20)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{121}^{(20)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{112}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(11)}m_{211}^{(20)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(11)}m_{202}^{(10)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(20)}m_{130}^{(20)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(20)}m_{121}^{(10)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(21)}m_{220}^{(20)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(21)}m_{211}^{(10)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(10)}m_{211}^{(11)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(10)}m_{121}^{(10)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(11)}m_{301}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(11)}m_{211}^{(10)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(20)}m_{220}^{(11)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(20)}m_{130}^{(10)}
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+2m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(21)}m_{310}^{(11)} & -2m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(21)}m_{220}^{(10)} & -2m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(10)}m_{121}^{(21)} \\
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&-2m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(10)}m_{031}^{(21)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(10)}m_{022}^{(11)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(11)}m_{121}^{(21)}\\
&-2m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(11)}m_{112}^{(11)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(20)}m_{040}^{(21)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(20)}m_{031}^{(11)}\\
&-2m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(21)}m_{130}^{(21)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(21)}m_{121}^{(11)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{121}^{(21)}\\
&-4m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{112}^{(11)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{031}^{(20)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{211}^{(21)}\\
&+4m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{202}^{(11)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{121}^{(20)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(20)}m_{130}^{(21)}\\
&+4m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(20)}m_{121}^{(11)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(20)}m_{040}^{(20)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{220}^{(21)}\\
&-4m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{211}^{(11)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{130}^{(20)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{121}^{(11)}\\
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&+2m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(11)}m_{112}^{(00)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{130}^{(20)} - 4m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{121}^{(10)}\\
&+2m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{031}^{(00)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{220}^{(20)} + 4m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{211}^{(10)}\\
&-2m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{121}^{(00)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{121}^{(10)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{031}^{(00)}\\
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&-2m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{121}^{(11)} + 2m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{031}^{(10)} + 2m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{211}^{(11)}\\
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&-2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(00)}m_{013}^{(11)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(10)}m_{112}^{(21)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(10)}m_{103}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(20)}m_{121}^{(21)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(20)}m_{112}^{(11)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(21)}m_{211}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(21)}m_{202}^{(11)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(00)}m_{112}^{(22)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(00)}m_{013}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(10)}m_{202}^{(22)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(10)}m_{103}^{(20)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(20)}m_{211}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(20)}m_{112}^{(20)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(21)}m_{301}^{(22)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(21)}m_{202}^{(20)}\\
&+4m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(00)}m_{121}^{(22)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(00)}m_{022}^{(20)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(00)}m_{013}^{(10)}\\
&-4m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(10)}m_{211}^{(22)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(10)}m_{112}^{(20)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(10)}m_{103}^{(10)}\\
&-4m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(20)}m_{220}^{(22)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(20)}m_{121}^{(20)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(20)}m_{112}^{(10)}\\
&+4m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(21)}m_{310}^{(22)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(21)}m_{211}^{(20)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(21)}m_{202}^{(10)}\\
&-4m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(00)}m_{121}^{(21)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(00)}m_{112}^{(11)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(00)}m_{022}^{(10)}\\
&+4m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(10)}m_{211}^{(21)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(10)}m_{202}^{(11)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(10)}m_{112}^{(10)}\\
&+4m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(20)}m_{220}^{(21)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(20)}m_{211}^{(11)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(20)}m_{121}^{(10)}\\
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&+2m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(10)}m_{103}^{(20)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(20)}m_{211}^{(22)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(20)}m_{112}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(21)}m_{301}^{(22)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(21)}m_{202}^{(20)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(00)}m_{112}^{(21)}\\
&+2m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(00)}m_{013}^{(10)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(10)}m_{202}^{(21)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(10)}m_{103}^{(10)}\\
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&+2m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(10)}m_{301}^{(22)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(10)}m_{202}^{(20)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(20)}m_{310}^{(22)}\\
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&-2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(10)}m_{202}^{(11)} + 4m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(10)}m_{112}^{(10)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(20)}m_{220}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(20)}m_{211}^{(11)} + 4m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(20)}m_{121}^{(10)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(21)}m_{310}^{(21)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(21)}m_{301}^{(11)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(21)}m_{211}^{(10)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(00)}m_{211}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(00)}m_{112}^{(20)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(10)}m_{301}^{(22)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(10)}m_{202}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(20)}m_{310}^{(22)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(20)}m_{211}^{(20)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(21)}m_{400}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(21)}m_{301}^{(20)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(00)}m_{121}^{(20)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(00)}m_{112}^{(10)}
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&+2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(10)}m_{211}^{(20)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(10)}m_{202}^{(10)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(20)}m_{220}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(20)}m_{211}^{(10)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(21)}m_{310}^{(20)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(21)}m_{301}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(00)}m_{211}^{(11)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(00)}m_{121}^{(10)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(10)}m_{301}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(10)}m_{211}^{(10)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(20)}m_{310}^{(11)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(20)}m_{220}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(21)}m_{400}^{(11)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(21)}m_{310}^{(10)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(00)}m_{121}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(00)}m_{031}^{(20)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{211}^{(21)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{121}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(20)}m_{220}^{(21)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(20)}m_{130}^{(20)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(21)}m_{310}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(21)}m_{220}^{(20)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(00)}m_{121}^{(11)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(00)}m_{031}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(10)}m_{211}^{(11)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(10)}m_{121}^{(10)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(20)}m_{220}^{(11)}\\
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&-2m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(21)}m_{400}^{(21)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(21)}m_{310}^{(20)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(00)}m_{211}^{(11)}\\
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&+2m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(10)}m_{112}^{(21)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(20)}m_{130}^{(22)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(20)}m_{121}^{(21)}\\
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&+2m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(10)}m_{121}^{(20)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(10)}m_{112}^{(10)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(20)}m_{130}^{(20)}\\
&-2m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(20)}m_{121}^{(10)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(21)}m_{220}^{(20)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(21)}m_{211}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(00)}m_{022}^{(22)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(00)}m_{013}^{(21)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(10)}m_{112}^{(22)}\\
&+2m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(10)}m_{103}^{(21)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(20)}m_{121}^{(22)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(20)}m_{112}^{(21)}\\
&+2m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(21)}m_{211}^{(22)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(21)}m_{202}^{(21)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(00)}m_{112}^{(22)}\\
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&-2m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{211}^{(22)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{112}^{(20)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(21)}m_{301}^{(22)}\\
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&+2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{202}^{(10)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(00)}m_{112}^{(20)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(00)}m_{013}^{(00)}\\
&+2m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(10)}m_{202}^{(20)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(10)}m_{103}^{(20)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{211}^{(20)}\\
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&-4m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{211}^{(20)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{202}^{(10)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{112}^{(00)}\\
&-4m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(20)}m_{220}^{(20)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(20)}m_{211}^{(10)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(20)}m_{121}^{(00)}\\
&+4m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(21)}m_{310}^{(20)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(21)}m_{301}^{(10)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(21)}m_{211}^{(00)}\\
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&-2m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(10)}m_{103}^{(20)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(20)}m_{211}^{(22)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(20)}m_{112}^{(20)}\\
&-2m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(21)}m_{301}^{(22)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(21)}m_{202}^{(20)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(00)}m_{211}^{(22)}\\
&-2m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(00)}m_{013}^{(00)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(10)}m_{301}^{(22)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(10)}m_{103}^{(00)}\\
&-2m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{310}^{(22)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{112}^{(00)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(21)}m_{400}^{(22)}\\
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&+2m_{000}^{(21)}m_{010}^{(11)}m_{002}^{(10)}m_{301}^{(20)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{002}^{(10)}m_{202}^{(00)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{002}^{(20)}m_{310}^{(20)}\\
&-2m_{000}^{(21)}m_{010}^{(11)}m_{002}^{(20)}m_{211}^{(00)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{002}^{(21)}m_{400}^{(20)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{002}^{(21)}m_{301}^{(00)}\\
&-2m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(00)}m_{031}^{(22)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(00)}m_{022}^{(21)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(10)}m_{121}^{(22)}\\
&-2m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(10)}m_{112}^{(21)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(20)}m_{130}^{(22)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(20)}m_{121}^{(21)}\\
&-2m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{220}^{(22)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{211}^{(21)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(00)}m_{121}^{(22)}\\
&-4m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(00)}m_{112}^{(21)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(00)}m_{022}^{(20)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(10)}m_{211}^{(22)}\\
&+4m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(10)}m_{202}^{(21)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(10)}m_{112}^{(20)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{220}^{(22)}\\
&+4m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{211}^{(21)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{121}^{(20)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{310}^{(22)}\\
&-4m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{301}^{(21)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{211}^{(20)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(00)}m_{121}^{(21)}\\
&-2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(00)}m_{022}^{(10)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{211}^{(21)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{112}^{(10)}\\
&-2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{220}^{(21)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{121}^{(10)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{310}^{(21)}\\
&-2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{211}^{(10)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{121}^{(20)} + 4m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{112}^{(10)}\\
&-2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{022}^{(00)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{211}^{(20)} - 4m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{202}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{112}^{(00)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{220}^{(20)} - 4m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{211}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{121}^{(00)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(21)}m_{310}^{(20)} + 4m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(21)}m_{301}^{(10)}\\
&-2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(21)}m_{211}^{(00)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(00)}m_{121}^{(10)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(00)}m_{031}^{(00)}\\
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&+2m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(00)}m_{121}^{(22)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(00)}m_{112}^{(21)} - 4m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(00)}m_{022}^{(20)}\\
&-2m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(10)}m_{211}^{(22)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(10)}m_{202}^{(21)} + 4m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(10)}m_{112}^{(20)}\\
&-2m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{220}^{(22)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{211}^{(21)} + 4m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{121}^{(20)}\\
&+2m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(21)}m_{310}^{(22)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(21)}m_{301}^{(21)} - 4m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(21)}m_{211}^{(20)}\\
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-2m_{000}^{(21)}m_{010}^{(22)}m_{011}^{(10)}m_{211}^{(00)} & +2m_{000}^{(21)}m_{010}^{(22)}m_{011}^{(20)}m_{310}^{(10)} & -2m_{000}^{(21)}m_{010}^{(22)}m_{011}^{(20)}m_{220}^{(00)} \\
-2m_{000}^{(21)}m_{010}^{(22)}m_{011}^{(21)}m_{400}^{(10)} & +2m_{000}^{(21)}m_{010}^{(22)}m_{011}^{(21)}m_{310}^{(00)} & +2m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(00)}m_{022}^{(21)} \\
-2m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(00)}m_{013}^{(11)} & -2m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(10)}m_{112}^{(21)} & +2m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(10)}m_{103}^{(11)} \\
-2m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{121}^{(21)} & +2m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{112}^{(11)} & +2m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{211}^{(21)} \\
-2m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{202}^{(11)} & -2m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(00)}m_{031}^{(21)} & +2m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(00)}m_{022}^{(11)} \\
+2m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(10)}m_{121}^{(21)} & -2m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(10)}m_{112}^{(11)} & +2m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(20)}m_{130}^{(21)} \\
-2m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(20)}m_{121}^{(11)} & -2m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{220}^{(21)} & +2m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{211}^{(11)} \\
-2m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(00)}m_{022}^{(20)} & +2m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(00)}m_{013}^{(10)} & +2m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(10)}m_{112}^{(20)} \\
-2m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(10)}m_{103}^{(10)} & +2m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(20)}m_{121}^{(20)} & -2m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(20)}m_{112}^{(10)} \\
-2m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(21)}m_{211}^{(20)} & +2m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(21)}m_{202}^{(10)} & +2m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(00)}m_{031}^{(20)} \\
-2m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(00)}m_{022}^{(10)} & -2m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{121}^{(20)} & +2m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{112}^{(10)} \\
-2m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{130}^{(20)} & +2m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{121}^{(10)} & +2m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{220}^{(20)} \\
-2m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{211}^{(10)} & -2m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(00)}m_{022}^{(21)} & +2m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(00)}m_{013}^{(11)} \\
+2m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(10)}m_{112}^{(21)} & -2m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(10)}m_{103}^{(11)} & +2m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{121}^{(21)} \\
-2m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{112}^{(11)} & -2m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{211}^{(21)} & +2m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{202}^{(11)} \\
-2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(00)}m_{112}^{(21)} & +2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(00)}m_{022}^{(20)} & +2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{202}^{(21)} \\
-2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{112}^{(20)} & +2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{211}^{(21)} & -2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{121}^{(20)} \\
-2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{301}^{(21)} & +2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{211}^{(20)} & +4m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{121}^{(21)} \\
-2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{112}^{(11)} & -2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{022}^{(10)} & -4m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{211}^{(21)} \\
+2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{202}^{(11)} & +2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{112}^{(10)} & -4m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{220}^{(21)} \\
+2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{211}^{(11)} & +2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{121}^{(10)} & +4m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{310}^{(21)} \\
-2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{301}^{(11)} & -2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{211}^{(10)} & +2m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(00)}m_{112}^{(20)} \\
-2m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(00)}m_{013}^{(00)} & -2m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(10)}m_{202}^{(20)} & +2m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(10)}m_{103}^{(00)}
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&-2m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(20)}m_{211}^{(20)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(20)}m_{112}^{(00)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(21)}m_{301}^{(20)}\\
&-2m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(21)}m_{202}^{(00)} - 4m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{121}^{(20)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{112}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{022}^{(00)} + 4m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{211}^{(20)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{202}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{112}^{(00)} + 4m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{220}^{(20)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{211}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{121}^{(00)} - 4m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{310}^{(20)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{301}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{211}^{(00)} + 2m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(00)}m_{112}^{(21)} - 2m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(00)}m_{013}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{202}^{(21)} + 2m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{103}^{(10)} - 2m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{211}^{(21)}\\
&+2m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{112}^{(10)} + 2m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{301}^{(21)} - 2m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{202}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(00)}m_{112}^{(20)} + 2m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(00)}m_{013}^{(00)} + 2m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(10)}m_{202}^{(20)}\\
&-2m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(10)}m_{103}^{(00)} + 2m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{211}^{(20)} - 2m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{112}^{(00)}\\
&-2m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(21)}m_{301}^{(20)} + 2m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(21)}m_{202}^{(00)} - 2m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{211}^{(21)}\\
&+2m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{112}^{(10)} + 2m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{301}^{(21)} - 2m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{202}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{310}^{(21)} - 2m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{211}^{(10)} - 2m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{400}^{(21)}\\
&+2m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{301}^{(10)} + 2m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(00)}m_{211}^{(20)} - 2m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(00)}m_{112}^{(00)}\\
&-2m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(10)}m_{301}^{(20)} + 2m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(10)}m_{202}^{(00)} - 2m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(20)}m_{310}^{(20)}\\
&+2m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(20)}m_{211}^{(00)} + 2m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(21)}m_{400}^{(20)} - 2m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(21)}m_{301}^{(00)}\\
&+2m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(00)}m_{031}^{(21)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(00)}m_{022}^{(11)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{121}^{(21)}\\
&+2m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{112}^{(11)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{130}^{(21)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{121}^{(11)}\\
&+2m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{220}^{(21)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{211}^{(11)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{121}^{(21)}\\
&+4m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{112}^{(11)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{031}^{(20)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{211}^{(21)}\\
&-4m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{202}^{(11)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{121}^{(20)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{220}^{(21)}\\
&-4m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{211}^{(11)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{130}^{(20)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{310}^{(21)}\\
&+4m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{301}^{(11)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{220}^{(20)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(00)}m_{121}^{(11)}\\
&+2m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(00)}m_{031}^{(10)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{211}^{(11)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{121}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(20)}m_{220}^{(11)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(20)}m_{130}^{(10)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(21)}m_{310}^{(11)}\\
&+2m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(21)}m_{220}^{(10)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{121}^{(20)} - 4m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{112}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{022}^{(00)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{211}^{(20)} + 4m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{202}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{112}^{(00)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{220}^{(20)} + 4m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{211}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{121}^{(00)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(21)}m_{310}^{(20)} - 4m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(21)}m_{301}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(21)}m_{211}^{(00)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{121}^{(10)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{031}^{(00)}\\
&-2m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{211}^{(10)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{121}^{(00)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(20)}m_{220}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(20)}m_{130}^{(00)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(21)}m_{310}^{(10)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(21)}m_{220}^{(00)}\\
&-2m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{121}^{(21)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{112}^{(11)} + 4m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{022}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{211}^{(21)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{202}^{(11)} - 4m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{112}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{220}^{(21)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{211}^{(11)} - 4m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{121}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{310}^{(21)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{301}^{(11)} + 4m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{211}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{211}^{(21)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{121}^{(20)} - 4m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{022}^{(00)}\\
&-2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{301}^{(21)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{211}^{(20)} + 4m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{112}^{(00)}
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&-2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{310}^{(21)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{220}^{(20)} + 4m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{121}^{(00)}\\
&+2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{400}^{(21)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{310}^{(20)} - 4m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{211}^{(00)}\\
&+2m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{211}^{(11)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{121}^{(10)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{301}^{(11)}\\
&+2m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{211}^{(10)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(20)}m_{310}^{(11)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(20)}m_{220}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(21)}m_{400}^{(11)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(21)}m_{310}^{(10)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(00)}m_{211}^{(20)}\\
&+2m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(00)}m_{112}^{(00)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(10)}m_{301}^{(20)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(10)}m_{202}^{(00)}\\
&+2m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{310}^{(20)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{211}^{(00)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(21)}m_{400}^{(20)}\\
&+2m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(21)}m_{301}^{(00)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{211}^{(10)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{121}^{(00)}\\
&+2m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{301}^{(10)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{211}^{(00)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(20)}m_{310}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(20)}m_{220}^{(00)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(21)}m_{400}^{(10)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(21)}m_{310}^{(00)}\\
&+2m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(00)}m_{121}^{(11)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(00)}m_{031}^{(10)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{211}^{(11)}\\
&+2m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{121}^{(10)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(20)}m_{220}^{(11)} + 2m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(20)}m_{130}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(21)}m_{310}^{(11)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(21)}m_{220}^{(10)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{211}^{(11)}\\
&+2m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{031}^{(00)} + 2m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{301}^{(11)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{121}^{(00)}\\
&+2m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(20)}m_{310}^{(11)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(20)}m_{130}^{(00)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(21)}m_{400}^{(11)}\\
&+2m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(21)}m_{220}^{(00)} + 2m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{211}^{(10)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{121}^{(00)}\\
&-2m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{301}^{(10)} + 2m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{211}^{(00)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(20)}m_{310}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(20)}m_{220}^{(00)} + 2m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(21)}m_{400}^{(10)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(21)}m_{310}^{(00)}\\
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&-2m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(10)}m_{112}^{(21)} - m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(11)}m_{211}^{(22)} + m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(11)}m_{202}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(00)}m_{040}^{(22)} - m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(00)}m_{022}^{(11)} - 2m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(10)}m_{130}^{(22)}\\
&+2m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(10)}m_{112}^{(11)} + m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(11)}m_{220}^{(22)} - m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(11)}m_{202}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{002}^{(00)}m_{040}^{(21)} + m_{000}^{(22)}m_{100}^{(00)}m_{002}^{(00)}m_{031}^{(11)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{002}^{(10)}m_{130}^{(21)}\\
&-2m_{000}^{(22)}m_{100}^{(00)}m_{002}^{(10)}m_{121}^{(11)} - m_{000}^{(22)}m_{100}^{(00)}m_{002}^{(11)}m_{220}^{(21)} + m_{000}^{(22)}m_{100}^{(00)}m_{002}^{(11)}m_{211}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(00)}m_{031}^{(22)} - m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(00)}m_{022}^{(21)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(10)}m_{121}^{(22)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(10)}m_{112}^{(21)} + m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(11)}m_{211}^{(22)} - m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(11)}m_{202}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(00)}m_{031}^{(21)} + m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(00)}m_{022}^{(11)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(10)}m_{121}^{(21)}\\
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&+2m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(10)}m_{112}^{(20)} + m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(11)}m_{301}^{(22)} - m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(11)}m_{202}^{(20)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(00)}m_{130}^{(22)} + m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(00)}m_{031}^{(20)} + m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(00)}m_{022}^{(10)}\\
&+4m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(10)}m_{220}^{(22)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(10)}m_{121}^{(20)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(10)}m_{112}^{(10)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(11)}m_{310}^{(22)} + m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(11)}m_{211}^{(20)} + m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(11)}m_{202}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(00)}m_{130}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(00)}m_{121}^{(11)} - m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(00)}m_{031}^{(10)}\\
&-4m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(10)}m_{220}^{(21)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(10)}m_{211}^{(11)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(10)}m_{121}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(11)}m_{310}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(11)}m_{301}^{(11)} - m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(11)}m_{211}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(00)}m_{121}^{(22)} + m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(00)}m_{022}^{(20)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(10)}m_{211}^{(22)}\\
&-2m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(10)}m_{112}^{(20)} - m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(11)}m_{301}^{(22)} + m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(11)}m_{202}^{(20)}
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&+m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(00)}m_{121}^{(21)} - m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(00)}m_{022}^{(10)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(10)}m_{211}^{(21)}\\
&+2m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(10)}m_{112}^{(10)} + m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(11)}m_{301}^{(21)} - m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(11)}m_{202}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(00)}m_{220}^{(22)} - m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(00)}m_{121}^{(20)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(10)}m_{310}^{(22)}\\
&+2m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(10)}m_{211}^{(20)} + m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(11)}m_{400}^{(22)} - m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(11)}m_{301}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(00)}m_{220}^{(21)} + m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(00)}m_{121}^{(10)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(10)}m_{310}^{(21)}\\
&-2m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(10)}m_{211}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(11)}m_{400}^{(21)} + m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(11)}m_{301}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(00)}m_{040}^{(22)} + m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(00)}m_{031}^{(21)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(10)}m_{130}^{(22)}\\
&-2m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(10)}m_{121}^{(21)} - m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(11)}m_{220}^{(22)} + m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(11)}m_{211}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(00)}m_{040}^{(21)} - m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(00)}m_{031}^{(11)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(10)}m_{130}^{(21)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(10)}m_{121}^{(11)} + m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(11)}m_{220}^{(21)} - m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(11)}m_{211}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(00)}m_{130}^{(22)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(00)}m_{121}^{(21)} + m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(00)}m_{031}^{(20)}\\
&-2m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(10)}m_{220}^{(22)} + 4m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(10)}m_{211}^{(21)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(10)}m_{121}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(11)}m_{310}^{(22)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(11)}m_{301}^{(21)} + m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(11)}m_{211}^{(20)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(00)}m_{121}^{(11)} - m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(00)}m_{040}^{(20)} - m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(00)}m_{031}^{(10)}\\
&-4m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(10)}m_{211}^{(11)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(10)}m_{130}^{(20)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(10)}m_{121}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(11)}m_{301}^{(11)} - m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(11)}m_{220}^{(20)} - m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(10)}m_{211}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{002}^{(00)}m_{130}^{(11)} + m_{000}^{(22)}m_{100}^{(20)}m_{002}^{(00)}m_{040}^{(10)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{002}^{(10)}m_{220}^{(11)}\\
&-2m_{000}^{(22)}m_{100}^{(20)}m_{002}^{(10)}m_{130}^{(10)} - m_{000}^{(22)}m_{100}^{(20)}m_{002}^{(11)}m_{310}^{(11)} + m_{000}^{(22)}m_{100}^{(20)}m_{002}^{(11)}m_{220}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(00)}m_{130}^{(22)} + m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(00)}m_{121}^{(21)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(00)}m_{031}^{(20)}\\
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&+m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(11)}m_{310}^{(22)} + m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(11)}m_{301}^{(21)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(11)}m_{211}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(00)}m_{130}^{(21)} - m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(00)}m_{121}^{(11)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(00)}m_{031}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(10)}m_{220}^{(21)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(10)}m_{211}^{(11)} - 4m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(10)}m_{121}^{(10)}\\
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&-m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(00)}m_{220}^{(22)} + m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(00)}m_{121}^{(20)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(10)}m_{310}^{(22)}\\
&-2m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(10)}m_{211}^{(20)} - m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(11)}m_{400}^{(22)} + m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(11)}m_{301}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(00)}m_{130}^{(20)} - m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(00)}m_{121}^{(10)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(10)}m_{220}^{(20)}\\
&+2m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(10)}m_{211}^{(10)} + m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(11)}m_{310}^{(20)} - m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(11)}m_{301}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{002}^{(00)}m_{220}^{(11)} - m_{000}^{(22)}m_{100}^{(21)}m_{002}^{(00)}m_{130}^{(10)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{002}^{(10)}m_{310}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(21)}m_{002}^{(10)}m_{220}^{(10)} + m_{000}^{(22)}m_{100}^{(21)}m_{002}^{(11)}m_{400}^{(11)} - m_{000}^{(22)}m_{100}^{(21)}m_{002}^{(11)}m_{310}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(22)}m_{110}^{(00)}m_{130}^{(21)} + m_{000}^{(22)}m_{100}^{(22)}m_{110}^{(00)}m_{040}^{(20)} + 2m_{000}^{(22)}m_{100}^{(22)}m_{110}^{(10)}m_{220}^{(21)}\\
&-2m_{000}^{(22)}m_{100}^{(22)}m_{110}^{(10)}m_{130}^{(20)} - m_{000}^{(22)}m_{100}^{(22)}m_{110}^{(11)}m_{310}^{(21)} + m_{000}^{(22)}m_{100}^{(22)}m_{110}^{(11)}m_{220}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(22)}m_{101}^{(00)}m_{130}^{(11)} - m_{000}^{(22)}m_{100}^{(22)}m_{101}^{(00)}m_{040}^{(10)} - 2m_{000}^{(22)}m_{100}^{(22)}m_{101}^{(10)}m_{220}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(22)}m_{101}^{(10)}m_{130}^{(10)} + m_{000}^{(22)}m_{100}^{(22)}m_{101}^{(11)}m_{310}^{(11)} - m_{000}^{(22)}m_{100}^{(22)}m_{101}^{(11)}m_{220}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(22)}m_{020}^{(00)}m_{220}^{(21)} - m_{000}^{(22)}m_{100}^{(22)}m_{020}^{(00)}m_{130}^{(20)} - 2m_{000}^{(22)}m_{100}^{(22)}m_{020}^{(10)}m_{310}^{(21)}\\
&+2m_{000}^{(22)}m_{100}^{(22)}m_{020}^{(10)}m_{220}^{(20)} + m_{000}^{(22)}m_{100}^{(22)}m_{020}^{(11)}m_{400}^{(21)} - m_{000}^{(22)}m_{100}^{(22)}m_{020}^{(11)}m_{310}^{(20)}\\
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&-2m_{000}^{(22)}m_{100}^{(22)}m_{011}^{(10)}m_{220}^{(10)} - m_{000}^{(22)}m_{100}^{(22)}m_{011}^{(11)}m_{400}^{(11)} + m_{000}^{(22)}m_{100}^{(22)}m_{011}^{(11)}m_{310}^{(10)}
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&+2m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(10)}m_{112}^{(21)} + m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(11)}m_{211}^{(22)} - m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(11)}m_{202}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(00)}m_{040}^{(22)} + m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(00)}m_{031}^{(21)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(10)}m_{130}^{(22)}\\
&-2m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(10)}m_{121}^{(21)} - m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(11)}m_{220}^{(22)} + m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(11)}m_{211}^{(21)}\\
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&+m_{000}^{(22)}m_{010}^{(00)}m_{002}^{(00)}m_{040}^{(20)} - m_{000}^{(22)}m_{010}^{(00)}m_{002}^{(00)}m_{031}^{(10)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{002}^{(10)}m_{130}^{(20)}\\
&+2m_{000}^{(22)}m_{010}^{(00)}m_{002}^{(10)}m_{121}^{(10)} + m_{000}^{(22)}m_{010}^{(00)}m_{002}^{(11)}m_{220}^{(20)} - m_{000}^{(22)}m_{010}^{(00)}m_{002}^{(11)}m_{211}^{(10)}\\
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&-m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(00)}m_{121}^{(22)} + m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(00)}m_{022}^{(20)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(10)}m_{211}^{(22)}\\
&-2m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(10)}m_{112}^{(20)} - m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(11)}m_{301}^{(22)} + m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(11)}m_{202}^{(20)}\\
&+2m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(00)}m_{130}^{(22)} - m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(00)}m_{121}^{(21)} - m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(00)}m_{022}^{(10)}\\
&-4m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(10)}m_{220}^{(22)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(10)}m_{211}^{(21)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(10)}m_{112}^{(10)}\\
&+2m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(11)}m_{310}^{(22)} - m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(11)}m_{301}^{(21)} - m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(11)}m_{202}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(00)}m_{121}^{(20)} - m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(00)}m_{022}^{(00)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(10)}m_{211}^{(20)}\\
&+2m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(10)}m_{112}^{(00)} + m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(11)}m_{301}^{(20)} - m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(11)}m_{202}^{(00)}\\
&-2m_{000}^{(22)}m_{010}^{(10)}m_{002}^{(00)}m_{130}^{(20)} + m_{000}^{(22)}m_{010}^{(10)}m_{002}^{(00)}m_{121}^{(10)} + m_{000}^{(22)}m_{010}^{(10)}m_{002}^{(00)}m_{031}^{(00)}\\
&+4m_{000}^{(22)}m_{010}^{(10)}m_{002}^{(10)}m_{220}^{(20)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{002}^{(10)}m_{211}^{(10)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{002}^{(10)}m_{121}^{(00)}\\
&-2m_{000}^{(22)}m_{010}^{(10)}m_{002}^{(11)}m_{310}^{(20)} + m_{000}^{(22)}m_{010}^{(10)}m_{002}^{(11)}m_{301}^{(10)} + m_{000}^{(22)}m_{010}^{(10)}m_{002}^{(11)}m_{211}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(00)}m_{121}^{(22)} - m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(00)}m_{022}^{(20)} - 2m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(10)}m_{211}^{(22)}\\
&+2m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(10)}m_{112}^{(20)} + m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(11)}m_{301}^{(22)} - m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(11)}m_{202}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(00)}m_{220}^{(22)} + m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(00)}m_{022}^{(00)} + 2m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(10)}m_{310}^{(22)}\\
&-2m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(10)}m_{112}^{(00)} - m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(11)}m_{400}^{(22)} + m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(11)}m_{202}^{(00)}\\
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&+2m_{000}^{(22)}m_{010}^{(11)}m_{002}^{(10)}m_{211}^{(00)} + m_{000}^{(22)}m_{010}^{(11)}m_{002}^{(11)}m_{400}^{(20)} - m_{000}^{(22)}m_{010}^{(11)}m_{002}^{(11)}m_{301}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(00)}m_{040}^{(22)} - m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(00)}m_{031}^{(21)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(10)}m_{130}^{(22)}\\
&+2m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(10)}m_{121}^{(21)} + m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(11)}m_{220}^{(22)} - m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(11)}m_{211}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(00)}m_{130}^{(22)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(00)}m_{121}^{(21)} - m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(00)}m_{031}^{(20)}\\
&+2m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(10)}m_{220}^{(22)} - 4m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(10)}m_{211}^{(21)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(10)}m_{121}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(11)}m_{310}^{(22)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(11)}m_{301}^{(21)} - m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(11)}m_{211}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(00)}m_{130}^{(21)} + m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(00)}m_{031}^{(10)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(10)}m_{220}^{(21)}\\
&-2m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(10)}m_{121}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(11)}m_{310}^{(21)} + m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(11)}m_{211}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(00)}m_{130}^{(20)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(00)}m_{121}^{(10)} + m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(00)}m_{031}^{(00)}\\
&-2m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{220}^{(20)} + 4m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{211}^{(10)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{121}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(11)}m_{310}^{(20)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(11)}m_{301}^{(10)} + m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(11)}m_{211}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{002}^{(00)}m_{130}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}m_{002}^{(00)}m_{040}^{(00)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{002}^{(10)}m_{220}^{(10)}\\
&+2m_{000}^{(22)}m_{010}^{(20)}m_{002}^{(10)}m_{130}^{(00)} + m_{000}^{(22)}m_{010}^{(20)}m_{002}^{(11)}m_{310}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}m_{002}^{(11)}m_{220}^{(00)}
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&+m_{000}^{(22)}m_{001}^{(00)}m_{101}^{(00)}m_{040}^{(21)} - m_{000}^{(22)}m_{001}^{(00)}m_{101}^{(00)}m_{031}^{(11)} - 2m_{000}^{(22)}m_{001}^{(00)}m_{101}^{(10)}m_{130}^{(21)}\\
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&+m_{000}^{(22)}m_{001}^{(00)}m_{020}^{(00)}m_{031}^{(20)} - m_{000}^{(22)}m_{001}^{(00)}m_{020}^{(00)}m_{022}^{(10)} - 2m_{000}^{(22)}m_{001}^{(00)}m_{020}^{(10)}m_{121}^{(20)}\\
&+2m_{000}^{(22)}m_{001}^{(00)}m_{020}^{(10)}m_{112}^{(10)} + m_{000}^{(22)}m_{001}^{(00)}m_{020}^{(11)}m_{211}^{(20)} - m_{000}^{(22)}m_{001}^{(00)}m_{020}^{(11)}m_{202}^{(10)}\\
&-m_{000}^{(22)}m_{001}^{(00)}m_{011}^{(00)}m_{040}^{(20)} + m_{000}^{(22)}m_{001}^{(00)}m_{011}^{(00)}m_{031}^{(10)} + 2m_{000}^{(22)}m_{001}^{(00)}m_{011}^{(10)}m_{130}^{(20)}\\
&-2m_{000}^{(22)}m_{001}^{(00)}m_{011}^{(10)}m_{121}^{(10)} - m_{000}^{(22)}m_{001}^{(00)}m_{011}^{(11)}m_{220}^{(20)} + m_{000}^{(22)}m_{001}^{(00)}m_{011}^{(11)}m_{211}^{(10)}\\
&+m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(00)}m_{031}^{(21)} - m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(00)}m_{022}^{(11)} - 2m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(10)}m_{121}^{(21)}\\
&+2m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(10)}m_{112}^{(11)} + m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(11)}m_{211}^{(21)} - m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(11)}m_{202}^{(11)}\\
&+m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(00)}m_{121}^{(21)} - m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(00)}m_{031}^{(20)} - 2m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{211}^{(21)}\\
&+2m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{121}^{(20)} + m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(11)}m_{301}^{(21)} - m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(11)}m_{211}^{(20)}\\
&-2m_{000}^{(22)}m_{001}^{(10)}m_{101}^{(00)}m_{130}^{(21)} + m_{000}^{(22)}m_{001}^{(10)}m_{101}^{(00)}m_{121}^{(11)} + m_{000}^{(22)}m_{001}^{(10)}m_{101}^{(00)}m_{031}^{(10)}\\
&+4m_{000}^{(22)}m_{001}^{(10)}m_{101}^{(10)}m_{220}^{(21)} - 2m_{000}^{(22)}m_{001}^{(10)}m_{101}^{(10)}m_{211}^{(11)} - 2m_{000}^{(22)}m_{001}^{(10)}m_{101}^{(10)}m_{121}^{(10)}\\
&-2m_{000}^{(22)}m_{001}^{(10)}m_{101}^{(11)}m_{310}^{(21)} + m_{000}^{(22)}m_{001}^{(10)}m_{101}^{(11)}m_{301}^{(11)} + m_{000}^{(22)}m_{001}^{(10)}m_{101}^{(11)}m_{211}^{(10)}\\
&-m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(00)}m_{121}^{(20)} + m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(00)}m_{022}^{(00)} + 2m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(10)}m_{211}^{(20)}\\
&-2m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(10)}m_{112}^{(00)} - m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(11)}m_{301}^{(20)} + m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(11)}m_{202}^{(00)}\\
&+2m_{000}^{(22)}m_{001}^{(10)}m_{011}^{(00)}m_{130}^{(20)} - m_{000}^{(22)}m_{001}^{(10)}m_{011}^{(00)}m_{121}^{(10)} - m_{000}^{(22)}m_{001}^{(10)}m_{011}^{(00)}m_{031}^{(00)}
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&-4m_{000}^{(22)}m_{001}^{(10)}m_{011}^{(10)}m_{220}^{(20)} + 2m_{000}^{(22)}m_{001}^{(10)}m_{011}^{(10)}m_{211}^{(10)} + 2m_{000}^{(22)}m_{001}^{(10)}m_{011}^{(10)}m_{121}^{(00)}\\
&+2m_{000}^{(22)}m_{001}^{(10)}m_{011}^{(11)}m_{310}^{(20)} - m_{000}^{(22)}m_{001}^{(10)}m_{011}^{(11)}m_{301}^{(10)} - m_{000}^{(22)}m_{001}^{(10)}m_{011}^{(11)}m_{211}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(00)}m_{121}^{(21)} + m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(00)}m_{022}^{(10)} + 2m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(10)}m_{211}^{(21)}\\
&-2m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(10)}m_{112}^{(10)} - m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(11)}m_{301}^{(21)} + m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(11)}m_{202}^{(10)}\\
&+m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(00)}m_{121}^{(20)} - m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(00)}m_{022}^{(00)} - 2m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(10)}m_{211}^{(20)}\\
&+2m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(10)}m_{112}^{(00)} + m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(11)}m_{301}^{(20)} - m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(11)}m_{202}^{(00)}\\
&+m_{000}^{(22)}m_{001}^{(11)}m_{101}^{(00)}m_{220}^{(21)} - m_{000}^{(22)}m_{001}^{(11)}m_{101}^{(00)}m_{121}^{(10)} - 2m_{000}^{(22)}m_{001}^{(11)}m_{101}^{(10)}m_{310}^{(21)}\\
&+2m_{000}^{(22)}m_{001}^{(11)}m_{101}^{(10)}m_{211}^{(10)} + m_{000}^{(22)}m_{001}^{(11)}m_{101}^{(11)}m_{400}^{(21)} - m_{000}^{(22)}m_{001}^{(11)}m_{101}^{(11)}m_{301}^{(10)}\\
&-m_{000}^{(22)}m_{001}^{(11)}m_{011}^{(00)}m_{220}^{(20)} + m_{000}^{(22)}m_{001}^{(11)}m_{011}^{(00)}m_{121}^{(00)} + 2m_{000}^{(22)}m_{001}^{(11)}m_{011}^{(10)}m_{310}^{(20)}\\
&-2m_{000}^{(22)}m_{001}^{(11)}m_{011}^{(10)}m_{211}^{(00)} - m_{000}^{(22)}m_{001}^{(11)}m_{011}^{(11)}m_{400}^{(20)} + m_{000}^{(22)}m_{001}^{(11)}m_{011}^{(11)}m_{301}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(00)}m_{040}^{(21)} + m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(00)}m_{031}^{(11)} + 2m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(10)}m_{130}^{(21)}\\
&-2m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(10)}m_{121}^{(11)} - m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{220}^{(21)} + m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{211}^{(11)}\\
&+m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(00)}m_{130}^{(21)} - 2m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(00)}m_{121}^{(11)} + m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(00)}m_{040}^{(20)}\\
&-2m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{220}^{(21)} + 4m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{211}^{(11)} - 2m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{130}^{(20)}\\
&+m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{310}^{(21)} - 2m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{301}^{(11)} + m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{220}^{(20)}\\
&+m_{000}^{(22)}m_{001}^{(20)}m_{101}^{(00)}m_{130}^{(11)} - m_{000}^{(22)}m_{001}^{(20)}m_{101}^{(00)}m_{040}^{(10)} - 2m_{000}^{(22)}m_{001}^{(20)}m_{101}^{(10)}m_{220}^{(11)}\\
&+2m_{000}^{(22)}m_{001}^{(20)}m_{101}^{(10)}m_{130}^{(10)} + m_{000}^{(22)}m_{001}^{(20)}m_{101}^{(11)}m_{310}^{(11)} - m_{000}^{(22)}m_{001}^{(20)}m_{101}^{(11)}m_{220}^{(10)}\\
&-m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{130}^{(20)} + 2m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{121}^{(10)} - m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{031}^{(00)}\\
&+2m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{220}^{(20)} - 4m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{211}^{(10)} + 2m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{121}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(11)}m_{310}^{(20)} + 2m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(11)}m_{301}^{(10)} - m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(11)}m_{211}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(20)}m_{011}^{(00)}m_{130}^{(10)} + m_{000}^{(22)}m_{001}^{(20)}m_{011}^{(00)}m_{040}^{(00)} + 2m_{000}^{(22)}m_{001}^{(20)}m_{011}^{(10)}m_{220}^{(10)}\\
&-2m_{000}^{(22)}m_{001}^{(20)}m_{011}^{(10)}m_{130}^{(00)} - m_{000}^{(22)}m_{001}^{(20)}m_{011}^{(11)}m_{310}^{(10)} + m_{000}^{(22)}m_{001}^{(20)}m_{011}^{(11)}m_{220}^{(00)}\\
&+m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(00)}m_{130}^{(21)} + m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(00)}m_{121}^{(11)} - 2m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(00)}m_{031}^{(10)}\\
&-2m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{220}^{(21)} - 2m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{211}^{(11)} + 4m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{121}^{(10)}\\
&+m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{310}^{(21)} + m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{301}^{(11)} - 2m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{211}^{(10)}\\
&-m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{220}^{(21)} - m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{130}^{(20)} + 2m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{031}^{(00)}\\
&+2m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{310}^{(21)} + 2m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{220}^{(20)} - 4m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{121}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(11)}m_{400}^{(21)} - m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(11)}m_{310}^{(20)} + 2m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(11)}m_{211}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(21)}m_{101}^{(00)}m_{220}^{(11)} + m_{000}^{(22)}m_{001}^{(21)}m_{101}^{(00)}m_{130}^{(10)} + 2m_{000}^{(22)}m_{001}^{(21)}m_{101}^{(10)}m_{310}^{(11)}\\
&-2m_{000}^{(22)}m_{001}^{(21)}m_{101}^{(10)}m_{220}^{(10)} - m_{000}^{(22)}m_{001}^{(21)}m_{101}^{(11)}m_{400}^{(11)} + m_{000}^{(22)}m_{001}^{(21)}m_{101}^{(11)}m_{310}^{(10)}\\
&+m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{220}^{(20)} - m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{121}^{(00)} - 2m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(10)}m_{310}^{(20)}\\
&+2m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(10)}m_{211}^{(00)} + m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(11)}m_{400}^{(20)} - m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(11)}m_{301}^{(00)}\\
&+m_{000}^{(22)}m_{001}^{(21)}m_{011}^{(00)}m_{220}^{(10)} - m_{000}^{(22)}m_{001}^{(21)}m_{011}^{(00)}m_{130}^{(00)} - 2m_{000}^{(22)}m_{001}^{(21)}m_{011}^{(10)}m_{310}^{(10)}\\
&+2m_{000}^{(22)}m_{001}^{(21)}m_{011}^{(10)}m_{220}^{(00)} + m_{000}^{(22)}m_{001}^{(21)}m_{011}^{(11)}m_{400}^{(10)} - m_{000}^{(22)}m_{001}^{(21)}m_{011}^{(11)}m_{310}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(22)}m_{200}^{(00)}m_{130}^{(11)} + m_{000}^{(22)}m_{001}^{(22)}m_{200}^{(00)}m_{040}^{(10)} + 2m_{000}^{(22)}m_{001}^{(22)}m_{200}^{(10)}m_{220}^{(11)}\\
&-2m_{000}^{(22)}m_{001}^{(22)}m_{200}^{(10)}m_{130}^{(10)} - m_{000}^{(22)}m_{001}^{(22)}m_{200}^{(11)}m_{310}^{(11)} + m_{000}^{(22)}m_{001}^{(22)}m_{200}^{(11)}m_{220}^{(10)}\\
&+m_{000}^{(22)}m_{001}^{(22)}m_{110}^{(00)}m_{220}^{(11)} - m_{000}^{(22)}m_{001}^{(22)}m_{110}^{(00)}m_{040}^{(00)} - 2m_{000}^{(22)}m_{001}^{(22)}m_{110}^{(10)}m_{310}^{(11)}\\
&+2m_{000}^{(22)}m_{001}^{(22)}m_{110}^{(10)}m_{130}^{(00)} + m_{000}^{(22)}m_{001}^{(22)}m_{110}^{(11)}m_{400}^{(11)} - m_{000}^{(22)}m_{001}^{(22)}m_{110}^{(11)}m_{220}^{(00)}
\end{aligned}
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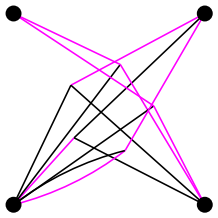
\begin{aligned}
&-m_{000}^{(22)}m_{001}^{(22)}m_{020}^{(00)}m_{220}^{(10)} + m_{000}^{(22)}m_{001}^{(22)}m_{020}^{(00)}m_{130}^{(00)} + 2m_{000}^{(22)}m_{001}^{(22)}m_{020}^{(10)}m_{310}^{(10)}\\
&-2m_{000}^{(22)}m_{001}^{(22)}m_{020}^{(10)}m_{220}^{(00)} - m_{000}^{(22)}m_{001}^{(22)}m_{020}^{(11)}m_{400}^{(10)} + m_{000}^{(22)}m_{001}^{(22)}m_{020}^{(11)}m_{310}^{(00)}
\end{aligned}
$$

Generating graph:

$$\begin{array}{rrrrr} V1 & 1 & 1 & 1 & V1 \\ 1 & V2 & V2 & V3 & 3 \\ V3 & V4 & V4 & 4 & 4 \end{array}$$



$$\begin{aligned} T_{160} \;=\; & -m_{000}^{(00)} m_{100}^{(00)} m_{020}^{(11)} m_{013}^{(22)} + m_{000}^{(00)} m_{100}^{(00)} m_{020}^{(11)} m_{004}^{(21)} + 2m_{000}^{(00)} m_{100}^{(00)} m_{020}^{(21)} m_{022}^{(22)} \\ & -2m_{000}^{(00)} m_{100}^{(00)} m_{020}^{(21)} m_{013}^{(21)} - m_{000}^{(00)} m_{100}^{(00)} m_{020}^{(22)} m_{031}^{(22)} + m_{000}^{(00)} m_{100}^{(00)} m_{020}^{(22)} m_{022}^{(21)} \\ & +m_{000}^{(00)} m_{100}^{(00)} m_{011}^{(11)} m_{022}^{(22)} - m_{000}^{(00)} m_{100}^{(00)} m_{011}^{(11)} m_{004}^{(11)} - 2m_{000}^{(00)} m_{100}^{(00)} m_{011}^{(21)} m_{031}^{(22)} \\ & +2m_{000}^{(00)} m_{100}^{(00)} m_{011}^{(21)} m_{013}^{(11)} + m_{000}^{(00)} m_{100}^{(00)} m_{011}^{(22)} m_{040}^{(22)} - m_{000}^{(00)} m_{100}^{(00)} m_{011}^{(22)} m_{022}^{(11)} \\ & -m_{000}^{(00)} m_{100}^{(00)} m_{002}^{(11)} m_{022}^{(21)} + m_{000}^{(00)} m_{100}^{(00)} m_{002}^{(11)} m_{013}^{(11)} + 2m_{000}^{(00)} m_{100}^{(00)} m_{002}^{(21)} m_{031}^{(21)} \\ & -2m_{000}^{(00)} m_{100}^{(00)} m_{002}^{(21)} m_{022}^{(11)} - m_{000}^{(00)} m_{100}^{(00)} m_{002}^{(22)} m_{040}^{(21)} + m_{000}^{(00)} m_{100}^{(00)} m_{002}^{(22)} m_{031}^{(11)} \\ & +2m_{000}^{(00)} m_{100}^{(10)} m_{020}^{(10)} m_{013}^{(22)} - 2m_{000}^{(00)} m_{100}^{(10)} m_{020}^{(10)} m_{004}^{(21)} - 2m_{000}^{(00)} m_{100}^{(10)} m_{020}^{(20)} m_{022}^{(22)} \\ & +2m_{000}^{(00)} m_{100}^{(10)} m_{020}^{(20)} m_{013}^{(21)} - 2m_{000}^{(00)} m_{100}^{(10)} m_{020}^{(21)} m_{112}^{(22)} + 2m_{000}^{(00)} m_{100}^{(10)} m_{020}^{(21)} m_{103}^{(21)} \\ & +2m_{000}^{(00)} m_{100}^{(10)} m_{020}^{(22)} m_{121}^{(22)} - 2m_{000}^{(00)} m_{100}^{(10)} m_{020}^{(22)} m_{112}^{(21)} - 2m_{000}^{(00)} m_{100}^{(10)} m_{011}^{(10)} m_{022}^{(22)} \\ & +2m_{000}^{(00)} m_{100}^{(10)} m_{011}^{(10)} m_{004}^{(11)} + 2m_{000}^{(00)} m_{100}^{(10)} m_{011}^{(20)} m_{031}^{(22)} - 2m_{000}^{(00)} m_{100}^{(10)} m_{011}^{(20)} m_{013}^{(11)} \\ & +2m_{000}^{(00)} m_{100}^{(10)} m_{011}^{(21)} m_{121}^{(22)} - 2m_{000}^{(00)} m_{100}^{(10)} m_{011}^{(21)} m_{103}^{(11)} - 2m_{000}^{(00)} m_{100}^{(10)} m_{011}^{(22)} m_{130}^{(22)} \\ & +2m_{000}^{(00)} m_{100}^{(10)} m_{011}^{(22)} m_{112}^{(11)} + 2m_{000}^{(00)} m_{100}^{(10)} m_{002}^{(10)} m_{022}^{(21)} - 2m_{000}^{(00)} m_{100}^{(10)} m_{002}^{(10)} m_{013}^{(11)} \\ & -2m_{000}^{(00)} m_{100}^{(10)} m_{002}^{(20)} m_{031}^{(21)} + 2m_{000}^{(00)} m_{100}^{(10)} m_{002}^{(20)} m_{022}^{(11)} - 2m_{000}^{(00)} m_{100}^{(10)} m_{002}^{(21)} m_{121}^{(21)} \\ & +2m_{000}^{(00)} m_{100}^{(10)} m_{002}^{(21)} m_{112}^{(11)} + 2m_{000}^{(00)} m_{100}^{(10)} m_{002}^{(22)} m_{130}^{(21)} - 2m_{000}^{(00)} m_{100}^{(10)} m_{002}^{(22)} m_{121}^{(11)} \\ & -m_{000}^{(00)} m_{100}^{(11)} m_{020}^{(00)} m_{013}^{(22)} + m_{000}^{(00)} m_{100}^{(11)} m_{020}^{(00)} m_{004}^{(21)} + 2m_{000}^{(00)} m_{100}^{(11)} m_{020}^{(20)} m_{112}^{(22)} \\ & -2m_{000}^{(00)} m_{100}^{(11)} m_{020}^{(20)} m_{103}^{(21)} - m_{000}^{(00)} m_{100}^{(11)} m_{020}^{(22)} m_{211}^{(22)} + m_{000}^{(00)} m_{100}^{(11)} m_{020}^{(22)} m_{202}^{(21)} \\ & +m_{000}^{(00)} m_{100}^{(11)} m_{011}^{(00)} m_{022}^{(22)} - m_{000}^{(00)} m_{100}^{(11)} m_{011}^{(00)} m_{004}^{(11)} - 2m_{000}^{(00)} m_{100}^{(11)} m_{011}^{(20)} m_{121}^{(22)} \\ & +2m_{000}^{(00)} m_{100}^{(11)} m_{011}^{(20)} m_{103}^{(11)} + m_{000}^{(00)} m_{100}^{(11)} m_{011}^{(22)} m_{220}^{(22)} - m_{000}^{(00)} m_{100}^{(11)} m_{011}^{(22)} m_{202}^{(11)} \\ & -m_{000}^{(00)} m_{100}^{(11)} m_{002}^{(00)} m_{022}^{(21)} + m_{000}^{(00)} m_{100}^{(11)} m_{002}^{(00)} m_{013}^{(11)} + 2m_{000}^{(00)} m_{100}^{(11)} m_{002}^{(20)} m_{121}^{(21)} \\ & -2m_{000}^{(00)} m_{100}^{(11)} m_{002}^{(20)} m_{112}^{(11)} - m_{000}^{(00)} m_{100}^{(11)} m_{002}^{(22)} m_{220}^{(21)} + m_{000}^{(00)} m_{100}^{(11)} m_{002}^{(22)} m_{211}^{(11)} \\ & -2m_{000}^{(00)} m_{100}^{(20)} m_{020}^{(10)} m_{022}^{(22)} + 2m_{000}^{(00)} m_{100}^{(20)} m_{020}^{(10)} m_{013}^{(21)} + 2m_{000}^{(00)} m_{100}^{(20)} m_{020}^{(11)} m_{112}^{(22)} \end{aligned}$$

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\begin{aligned}
&-2m_{000}^{(00)}m_{100}^{(20)}m_{020}^{(11)}m_{103}^{(21)} + 2m_{000}^{(00)}m_{100}^{(20)}m_{020}^{(20)}m_{031}^{(22)} - 2m_{000}^{(00)}m_{100}^{(20)}m_{020}^{(20)}m_{022}^{(21)}\\
&-2m_{000}^{(00)}m_{100}^{(20)}m_{020}^{(21)}m_{121}^{(22)} + 2m_{000}^{(00)}m_{100}^{(20)}m_{020}^{(21)}m_{112}^{(21)} + 2m_{000}^{(00)}m_{100}^{(20)}m_{011}^{(10)}m_{031}^{(22)}\\
&-2m_{000}^{(00)}m_{100}^{(20)}m_{011}^{(10)}m_{013}^{(11)} - 2m_{000}^{(00)}m_{100}^{(20)}m_{011}^{(11)}m_{121}^{(22)} + 2m_{000}^{(00)}m_{100}^{(20)}m_{011}^{(11)}m_{103}^{(11)}\\
&-2m_{000}^{(00)}m_{100}^{(20)}m_{011}^{(20)}m_{040}^{(22)} + 2m_{000}^{(00)}m_{100}^{(20)}m_{011}^{(20)}m_{022}^{(11)} + 2m_{000}^{(00)}m_{100}^{(20)}m_{011}^{(21)}m_{130}^{(22)}\\
&-2m_{000}^{(00)}m_{100}^{(20)}m_{011}^{(21)}m_{112}^{(11)} - 2m_{000}^{(00)}m_{100}^{(20)}m_{002}^{(10)}m_{031}^{(21)} + 2m_{000}^{(00)}m_{100}^{(20)}m_{002}^{(10)}m_{022}^{(11)}\\
&+2m_{000}^{(00)}m_{100}^{(20)}m_{002}^{(11)}m_{121}^{(21)} - 2m_{000}^{(00)}m_{100}^{(20)}m_{002}^{(11)}m_{112}^{(11)} + 2m_{000}^{(00)}m_{100}^{(20)}m_{002}^{(20)}m_{040}^{(21)}\\
&-2m_{000}^{(00)}m_{100}^{(20)}m_{002}^{(20)}m_{031}^{(11)} - 2m_{000}^{(00)}m_{100}^{(20)}m_{002}^{(21)}m_{130}^{(21)} + 2m_{000}^{(00)}m_{100}^{(20)}m_{002}^{(21)}m_{121}^{(11)}\\
&+2m_{000}^{(00)}m_{100}^{(21)}m_{020}^{(00)}m_{022}^{(22)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{020}^{(00)}m_{013}^{(21)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{020}^{(10)}m_{112}^{(22)}\\
&+2m_{000}^{(00)}m_{100}^{(21)}m_{020}^{(10)}m_{103}^{(21)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{020}^{(20)}m_{121}^{(22)} + 2m_{000}^{(00)}m_{100}^{(21)}m_{020}^{(20)}m_{112}^{(21)}\\
&+2m_{000}^{(00)}m_{100}^{(21)}m_{020}^{(21)}m_{211}^{(22)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{020}^{(21)}m_{202}^{(21)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(00)}m_{031}^{(22)}\\
&+2m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(00)}m_{013}^{(11)} + 2m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(10)}m_{121}^{(22)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(10)}m_{103}^{(11)}\\
&+2m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(20)}m_{130}^{(22)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(20)}m_{112}^{(11)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(21)}m_{220}^{(22)}\\
&+2m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(21)}m_{202}^{(11)} + 2m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(00)}m_{031}^{(21)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(00)}m_{022}^{(11)}\\
&-2m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(10)}m_{121}^{(21)} + 2m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(10)}m_{112}^{(11)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(20)}m_{130}^{(21)}\\
&+2m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(20)}m_{121}^{(11)} + 2m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(21)}m_{220}^{(21)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(21)}m_{211}^{(11)}\\
&-m_{000}^{(00)}m_{100}^{(22)}m_{020}^{(00)}m_{031}^{(22)} + m_{000}^{(00)}m_{100}^{(22)}m_{020}^{(00)}m_{022}^{(21)} + 2m_{000}^{(00)}m_{100}^{(22)}m_{020}^{(10)}m_{121}^{(22)}\\
&-2m_{000}^{(00)}m_{100}^{(22)}m_{020}^{(10)}m_{112}^{(21)} - m_{000}^{(00)}m_{100}^{(22)}m_{020}^{(11)}m_{211}^{(22)} + m_{000}^{(00)}m_{100}^{(22)}m_{020}^{(11)}m_{202}^{(21)}\\
&+m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(00)}m_{040}^{(22)} - m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(00)}m_{022}^{(11)} - 2m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(10)}m_{130}^{(22)}\\
&+2m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(10)}m_{112}^{(11)} + m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(11)}m_{220}^{(22)} - m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(11)}m_{202}^{(11)}\\
&-m_{000}^{(00)}m_{100}^{(22)}m_{002}^{(00)}m_{040}^{(21)} + m_{000}^{(00)}m_{100}^{(22)}m_{002}^{(00)}m_{031}^{(11)} + 2m_{000}^{(00)}m_{100}^{(22)}m_{002}^{(10)}m_{130}^{(21)}\\
&-2m_{000}^{(00)}m_{100}^{(22)}m_{002}^{(10)}m_{121}^{(11)} - m_{000}^{(00)}m_{100}^{(22)}m_{002}^{(11)}m_{220}^{(21)} + m_{000}^{(00)}m_{100}^{(22)}m_{002}^{(11)}m_{211}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(00)}m_{110}^{(11)}m_{013}^{(22)} - m_{000}^{(00)}m_{010}^{(00)}m_{110}^{(11)}m_{004}^{(21)} - 2m_{000}^{(00)}m_{010}^{(00)}m_{110}^{(21)}m_{022}^{(22)}\\
&+2m_{000}^{(00)}m_{010}^{(00)}m_{110}^{(21)}m_{013}^{(21)} + m_{000}^{(00)}m_{010}^{(00)}m_{110}^{(22)}m_{031}^{(22)} - m_{000}^{(00)}m_{010}^{(00)}m_{110}^{(22)}m_{022}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(00)}m_{101}^{(11)}m_{022}^{(22)} + m_{000}^{(00)}m_{010}^{(00)}m_{101}^{(11)}m_{013}^{(21)} + 2m_{000}^{(00)}m_{010}^{(00)}m_{101}^{(21)}m_{031}^{(22)}\\
&-2m_{000}^{(00)}m_{010}^{(00)}m_{101}^{(21)}m_{022}^{(21)} - m_{000}^{(00)}m_{010}^{(00)}m_{101}^{(22)}m_{040}^{(22)} + m_{000}^{(00)}m_{010}^{(00)}m_{101}^{(22)}m_{031}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(11)}m_{013}^{(20)} + m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(11)}m_{004}^{(10)} + 2m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(21)}m_{022}^{(20)}\\
&-2m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(21)}m_{013}^{(10)} - m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(22)}m_{031}^{(20)} + m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(22)}m_{022}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(00)}m_{002}^{(11)}m_{022}^{(20)} - m_{000}^{(00)}m_{010}^{(00)}m_{002}^{(11)}m_{013}^{(10)} - 2m_{000}^{(00)}m_{010}^{(00)}m_{002}^{(21)}m_{031}^{(20)}\\
&+2m_{000}^{(00)}m_{010}^{(00)}m_{002}^{(21)}m_{022}^{(10)} + m_{000}^{(00)}m_{010}^{(00)}m_{002}^{(22)}m_{040}^{(20)} - m_{000}^{(00)}m_{010}^{(00)}m_{002}^{(22)}m_{031}^{(10)}\\
&-2m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(10)}m_{013}^{(22)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(10)}m_{004}^{(21)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(20)}m_{022}^{(22)}\\
&-2m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(20)}m_{013}^{(21)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(21)}m_{112}^{(22)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(21)}m_{103}^{(21)}\\
&-2m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(22)}m_{121}^{(22)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(22)}m_{112}^{(21)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(10)}m_{022}^{(22)}\\
&-2m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(10)}m_{013}^{(21)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(20)}m_{031}^{(22)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(20)}m_{022}^{(21)}\\
&-2m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(21)}m_{121}^{(22)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(21)}m_{112}^{(21)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(22)}m_{130}^{(22)}\\
&-2m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(22)}m_{121}^{(21)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(10)}m_{013}^{(20)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(10)}m_{004}^{(10)}\\
&-2m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(20)}m_{022}^{(20)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(20)}m_{013}^{(10)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{112}^{(20)}\\
&+2m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{103}^{(10)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(22)}m_{121}^{(20)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(22)}m_{112}^{(10)}\\
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&+m_{000}^{(00)}m_{010}^{(11)}m_{110}^{(22)}m_{211}^{(22)} - m_{000}^{(00)}m_{010}^{(11)}m_{110}^{(22)}m_{202}^{(21)} - m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(00)}m_{022}^{(22)}\\
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&+m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(00)}m_{004}^{(10)} + 2m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(20)}m_{112}^{(20)} - 2m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(20)}m_{103}^{(10)}\\
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&-2m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(10)}m_{022}^{(10)} - 2m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(11)}m_{121}^{(20)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(11)}m_{112}^{(10)}\\
&-2m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(20)}m_{040}^{(20)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(20)}m_{031}^{(10)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{130}^{(20)}\\
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&+2m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(10)}m_{112}^{(22)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(10)}m_{103}^{(21)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(20)}m_{121}^{(22)}\\
&-2m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(20)}m_{112}^{(21)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(21)}m_{211}^{(22)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(21)}m_{202}^{(21)}\\
&+2m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(00)}m_{031}^{(22)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(00)}m_{022}^{(21)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(10)}m_{121}^{(22)}\\
&+2m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(10)}m_{112}^{(21)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(20)}m_{130}^{(22)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(20)}m_{121}^{(21)}\\
&+2m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{220}^{(22)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{211}^{(21)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(00)}m_{022}^{(20)}\\
&-2m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(00)}m_{013}^{(10)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(10)}m_{112}^{(20)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(10)}m_{103}^{(10)}\\
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&-2m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{202}^{(10)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(00)}m_{031}^{(20)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(00)}m_{022}^{(10)}\\
&+2m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(10)}m_{121}^{(20)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(10)}m_{112}^{(10)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(20)}m_{130}^{(20)}\\
&-2m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(20)}m_{121}^{(10)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(21)}m_{220}^{(20)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(21)}m_{211}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(00)}m_{031}^{(22)} - m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(00)}m_{022}^{(21)} - 2m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(10)}m_{121}^{(22)}\\
&+2m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(10)}m_{112}^{(21)} + m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(11)}m_{211}^{(22)} - m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(11)}m_{202}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(00)}m_{040}^{(22)} + m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(00)}m_{031}^{(21)} + 2m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(10)}m_{130}^{(22)}\\
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&-m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(00)}m_{031}^{(20)} + m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(00)}m_{022}^{(10)} + 2m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(10)}m_{121}^{(20)}\\
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&+m_{000}^{(00)}m_{010}^{(22)}m_{002}^{(00)}m_{040}^{(20)} - m_{000}^{(00)}m_{010}^{(22)}m_{002}^{(00)}m_{031}^{(10)} - 2m_{000}^{(00)}m_{010}^{(22)}m_{002}^{(10)}m_{130}^{(20)}
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&+2m_{000}^{(00)}m_{010}^{(22)}m_{002}^{(10)}m_{121}^{(10)}+m_{000}^{(00)}m_{010}^{(22)}m_{002}^{(11)}m_{220}^{(20)}-m_{000}^{(00)}m_{010}^{(22)}m_{002}^{(11)}m_{211}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(00)}m_{110}^{(11)}m_{013}^{(21)}+m_{000}^{(00)}m_{001}^{(00)}m_{110}^{(11)}m_{004}^{(11)}+2m_{000}^{(00)}m_{001}^{(00)}m_{110}^{(21)}m_{022}^{(21)}\\
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&+m_{000}^{(00)}m_{001}^{(00)}m_{101}^{(11)}m_{022}^{(21)}-m_{000}^{(00)}m_{001}^{(00)}m_{101}^{(11)}m_{013}^{(11)}-2m_{000}^{(00)}m_{001}^{(00)}m_{101}^{(21)}m_{031}^{(21)}\\
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&+m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(11)}m_{013}^{(20)}-m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(11)}m_{004}^{(10)}-2m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(21)}m_{022}^{(20)}\\
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&-2m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(21)}m_{022}^{(10)}-m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(22)}m_{040}^{(20)}+m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(22)}m_{031}^{(10)}\\
&+2m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(10)}m_{013}^{(21)}-2m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(10)}m_{004}^{(11)}-2m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(20)}m_{022}^{(21)}\\
&+2m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(20)}m_{013}^{(11)}-2m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{112}^{(21)}+2m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{103}^{(11)}\\
&+2m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{121}^{(21)}-2m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{112}^{(11)}-2m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(10)}m_{022}^{(21)}\\
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&-2m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{103}^{(10)}-2m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{121}^{(20)}+2m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{112}^{(10)}\\
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&+2m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{022}^{(10)}-2m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{121}^{(20)}+2m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{112}^{(10)}\\
&+2m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{130}^{(20)}-2m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{121}^{(10)}-m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(00)}m_{013}^{(21)}\\
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&-m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(00)}m_{013}^{(11)}-2m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(20)}m_{121}^{(21)}+2m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(20)}m_{112}^{(11)}\\
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&+2m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{103}^{(10)}-2m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{031}^{(20)}+2m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{022}^{(10)}\\
&+2m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{121}^{(20)}-2m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{112}^{(10)}-2m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{031}^{(20)}\\
&+2m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{022}^{(10)}+2m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{121}^{(20)}-2m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{112}^{(10)}\\
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&-2m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(00)}m_{031}^{(21)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(00)}m_{022}^{(11)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{121}^{(21)}\\
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&-2m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{220}^{(21)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{211}^{(11)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(00)}m_{022}^{(20)}\\
&+2m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(00)}m_{013}^{(10)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{112}^{(20)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{103}^{(10)}\\
&+2m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{121}^{(20)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{112}^{(10)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{211}^{(20)}\\
&+2m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{202}^{(10)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(00)}m_{031}^{(20)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(00)}m_{022}^{(10)}\\
&-2m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{121}^{(20)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{112}^{(10)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{130}^{(20)}\\
&+2m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{121}^{(10)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{220}^{(20)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{211}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(00)}m_{031}^{(21)} + m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(00)}m_{022}^{(11)} + 2m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{121}^{(21)}\\
&-2m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{112}^{(11)} - m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(11)}m_{211}^{(21)} + m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(11)}m_{202}^{(11)}\\
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&+2m_{000}^{(00)}m_{001}^{(22)}m_{101}^{(10)}m_{121}^{(11)} + m_{000}^{(00)}m_{001}^{(22)}m_{101}^{(11)}m_{220}^{(21)} - m_{000}^{(00)}m_{001}^{(22)}m_{101}^{(11)}m_{211}^{(11)}\\
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&+4m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(10)}m_{112}^{(22)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(10)}m_{013}^{(20)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(10)}m_{004}^{(10)}\\
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&+4m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(20)}m_{121}^{(21)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(20)}m_{112}^{(11)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(20)}m_{022}^{(10)}\\
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&+2m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(20)}m_{103}^{(21)} + m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(22)}m_{211}^{(22)} - m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(22)}m_{202}^{(21)}\\
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&+4m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(20)}m_{211}^{(22)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(20)}m_{112}^{(20)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(20)}m_{103}^{(10)}\\
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&+2m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(00)}m_{112}^{(21)} - m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(00)}m_{103}^{(11)} - m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(00)}m_{013}^{(10)}\\
&-4m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(20)}m_{211}^{(21)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(20)}m_{202}^{(11)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(20)}m_{112}^{(10)}\\
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&+2m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(10)}m_{022}^{(22)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(10)}m_{013}^{(21)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(11)}m_{112}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(11)}m_{103}^{(21)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(20)}m_{031}^{(22)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(20)}m_{022}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{121}^{(22)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{112}^{(21)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(10)}m_{022}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(10)}m_{013}^{(11)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(11)}m_{112}^{(21)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(11)}m_{103}^{(11)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(20)}m_{031}^{(21)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(20)}m_{022}^{(11)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{121}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{112}^{(11)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(10)}m_{112}^{(22)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(10)}m_{013}^{(20)}\\
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&+2m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(20)}m_{022}^{(20)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(21)}m_{211}^{(22)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(21)}m_{112}^{(20)}\\
&-4m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(10)}m_{121}^{(22)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(10)}m_{022}^{(20)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(10)}m_{013}^{(10)}\\
&+4m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(11)}m_{211}^{(22)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(11)}m_{112}^{(20)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(11)}m_{103}^{(10)}\\
&+4m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(20)}m_{130}^{(22)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(20)}m_{031}^{(20)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(20)}m_{022}^{(10)}\\
&-4m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{220}^{(22)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{121}^{(20)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{112}^{(10)}\\
&+4m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(10)}m_{121}^{(21)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(10)}m_{112}^{(11)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(10)}m_{022}^{(10)}\\
&-4m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(11)}m_{211}^{(21)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(11)}m_{202}^{(11)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(11)}m_{112}^{(10)}\\
&-4m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(20)}m_{130}^{(21)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(20)}m_{121}^{(11)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(20)}m_{031}^{(10)}\\
&+4m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(21)}m_{220}^{(21)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(21)}m_{211}^{(11)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(21)}m_{121}^{(10)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(00)}m_{022}^{(22)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(00)}m_{013}^{(21)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(10)}m_{112}^{(22)}
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&-2m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{211}^{(22)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{202}^{(21)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(00)}m_{022}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(00)}m_{013}^{(11)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(10)}m_{112}^{(21)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(10)}m_{103}^{(11)}\\
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&+2m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(10)}m_{202}^{(22)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(10)}m_{103}^{(20)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(20)}m_{211}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(20)}m_{112}^{(20)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(21)}m_{301}^{(22)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(21)}m_{202}^{(20)}\\
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&+4m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(10)}m_{220}^{(22)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(10)}m_{121}^{(20)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(10)}m_{112}^{(10)}\\
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&+2m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(00)}m_{130}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(00)}m_{121}^{(11)} - m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(00)}m_{031}^{(10)}\\
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&+2m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(11)}m_{310}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(11)}m_{301}^{(11)} - m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(11)}m_{211}^{(10)}\\
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&-2m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(21)}m_{013}^{(20)} - m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(22)}m_{121}^{(22)} + m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(22)}m_{022}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(11)}m_{112}^{(22)} - m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(11)}m_{103}^{(21)} - m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(11)}m_{004}^{(10)}\\
&-4m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(21)}m_{121}^{(22)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(21)}m_{112}^{(21)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(21)}m_{013}^{(10)}\\
&+2m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(22)}m_{130}^{(22)} - m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(22)}m_{121}^{(21)} - m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(22)}m_{022}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(11)}m_{103}^{(20)} - m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(11)}m_{004}^{(00)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{112}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{013}^{(00)} + m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(22)}m_{121}^{(20)} - m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(22)}m_{022}^{(00)}\\
&-2m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(11)}m_{112}^{(20)} + m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(11)}m_{103}^{(10)} + m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(11)}m_{013}^{(00)}\\
&+4m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(21)}m_{121}^{(20)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(21)}m_{112}^{(10)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(21)}m_{022}^{(00)}
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&-2m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(22)}m_{130}^{(20)} + m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(22)}m_{121}^{(10)} + m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(22)}m_{031}^{(00)}\\
&+2m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(10)}m_{013}^{(22)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(10)}m_{004}^{(21)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(20)}m_{022}^{(22)}\\
&+2m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(20)}m_{013}^{(21)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(21)}m_{112}^{(22)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(21)}m_{103}^{(21)}\\
&+2m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(22)}m_{121}^{(22)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(22)}m_{112}^{(21)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(10)}m_{103}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(10)}m_{004}^{(20)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(20)}m_{112}^{(22)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(20)}m_{013}^{(20)}\\
&-2m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(21)}m_{202}^{(22)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(21)}m_{103}^{(20)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(22)}m_{211}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(22)}m_{112}^{(20)} - 4m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(10)}m_{112}^{(22)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(10)}m_{103}^{(21)}\\
&+2m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(10)}m_{004}^{(10)} + 4m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(20)}m_{121}^{(22)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(20)}m_{112}^{(21)}\\
&-2m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(20)}m_{013}^{(10)} + 4m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(21)}m_{211}^{(22)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(21)}m_{202}^{(21)}\\
&-2m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(21)}m_{103}^{(10)} - 4m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{220}^{(22)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{211}^{(21)}\\
&+2m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{112}^{(10)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(10)}m_{103}^{(20)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(10)}m_{004}^{(00)}\\
&+2m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(20)}m_{112}^{(20)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(20)}m_{013}^{(00)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(21)}m_{202}^{(20)}\\
&-2m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(21)}m_{103}^{(00)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(22)}m_{211}^{(20)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(22)}m_{112}^{(00)}\\
&+4m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(10)}m_{112}^{(20)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(10)}m_{103}^{(10)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(10)}m_{013}^{(00)}\\
&-4m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(20)}m_{121}^{(20)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(20)}m_{112}^{(10)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(20)}m_{022}^{(00)}\\
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&+4m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(22)}m_{220}^{(20)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(22)}m_{211}^{(10)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(22)}m_{121}^{(00)}\\
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&-2m_{000}^{(10)}m_{010}^{(11)}m_{200}^{(20)}m_{103}^{(21)} - m_{000}^{(10)}m_{010}^{(11)}m_{200}^{(22)}m_{211}^{(22)} + m_{000}^{(10)}m_{010}^{(11)}m_{200}^{(22)}m_{202}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(11)}m_{110}^{(00)}m_{103}^{(22)} + m_{000}^{(10)}m_{010}^{(11)}m_{110}^{(00)}m_{004}^{(20)} + 2m_{000}^{(10)}m_{010}^{(11)}m_{110}^{(20)}m_{202}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(11)}m_{110}^{(20)}m_{103}^{(20)} - m_{000}^{(10)}m_{010}^{(11)}m_{110}^{(22)}m_{301}^{(22)} + m_{000}^{(10)}m_{010}^{(11)}m_{110}^{(22)}m_{202}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(00)}m_{112}^{(22)} - m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(00)}m_{103}^{(21)} - m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(00)}m_{004}^{(10)}\\
&-4m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{211}^{(22)} + 2m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{202}^{(21)} + 2m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{103}^{(10)}\\
&+2m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(22)}m_{310}^{(22)} - m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(22)}m_{301}^{(21)} - m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(22)}m_{202}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(11)}m_{011}^{(00)}m_{103}^{(20)} - m_{000}^{(10)}m_{010}^{(11)}m_{011}^{(00)}m_{004}^{(00)} - 2m_{000}^{(10)}m_{010}^{(11)}m_{011}^{(20)}m_{202}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(11)}m_{011}^{(20)}m_{103}^{(00)} + m_{000}^{(10)}m_{010}^{(11)}m_{011}^{(22)}m_{301}^{(20)} - m_{000}^{(10)}m_{010}^{(11)}m_{011}^{(22)}m_{202}^{(00)}\\
&-2m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(00)}m_{112}^{(20)} + m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(00)}m_{103}^{(10)} + m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(00)}m_{013}^{(00)}\\
&+4m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(20)}m_{211}^{(20)} - 2m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(20)}m_{202}^{(10)} - 2m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(20)}m_{112}^{(00)}\\
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&-2m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(11)}m_{103}^{(21)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(20)}m_{031}^{(22)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(20)}m_{022}^{(21)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{121}^{(22)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{112}^{(21)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(10)}m_{110}^{(22)}m_{112}^{(22)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(10)}m_{013}^{(20)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(11)}m_{202}^{(22)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(11)}m_{103}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{121}^{(22)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{022}^{(20)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{211}^{(22)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{112}^{(20)} + 4m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{121}^{(22)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{112}^{(21)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{013}^{(10)} - 4m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(11)}m_{211}^{(22)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(11)}m_{202}^{(21)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(11)}m_{103}^{(10)} - 4m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(20)}m_{130}^{(22)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(20)}m_{121}^{(21)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(20)}m_{022}^{(10)} + 4m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{220}^{(22)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{211}^{(21)}
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&-2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{112}^{(10)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{112}^{(20)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{013}^{(00)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(11)}m_{202}^{(20)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(11)}m_{103}^{(00)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{121}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{022}^{(00)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{211}^{(20)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{112}^{(00)}\\
&-4m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{121}^{(20)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{112}^{(10)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{022}^{(00)}\\
&+4m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(11)}m_{211}^{(20)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(11)}m_{202}^{(10)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(11)}m_{112}^{(00)}\\
&+4m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{130}^{(20)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{121}^{(10)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{031}^{(00)}\\
&-4m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{220}^{(20)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{211}^{(10)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{121}^{(00)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(00)}m_{022}^{(22)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(00)}m_{013}^{(21)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(10)}m_{112}^{(22)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(10)}m_{103}^{(21)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(20)}m_{121}^{(22)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(20)}m_{112}^{(21)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{211}^{(22)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{202}^{(21)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(00)}m_{112}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(00)}m_{013}^{(20)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(10)}m_{202}^{(22)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(10)}m_{103}^{(20)}\\
&-2m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{211}^{(22)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{112}^{(20)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(21)}m_{301}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(21)}m_{202}^{(20)} - 4m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(00)}m_{121}^{(22)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(00)}m_{112}^{(21)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(00)}m_{013}^{(10)} + 4m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{211}^{(22)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{202}^{(21)}\\
&-2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{103}^{(10)} + 4m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{220}^{(22)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{211}^{(21)}\\
&-2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{112}^{(10)} - 4m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{310}^{(22)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{301}^{(21)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{202}^{(10)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(00)}m_{112}^{(20)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(00)}m_{013}^{(00)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(10)}m_{202}^{(20)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(10)}m_{103}^{(00)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{211}^{(20)}\\
&-2m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{112}^{(00)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(21)}m_{301}^{(20)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(21)}m_{202}^{(00)}\\
&+4m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{121}^{(20)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(00)}m_{112}^{(10)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(00)}m_{022}^{(00)}\\
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&-4m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{220}^{(20)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{211}^{(10)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{121}^{(00)}\\
&+4m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{310}^{(20)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{301}^{(10)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{211}^{(00)}\\
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&-2m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(10)}m_{112}^{(21)} - m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(11)}m_{211}^{(22)} + m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(11)}m_{202}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(00)}m_{121}^{(22)} + m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(00)}m_{022}^{(20)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{211}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{112}^{(20)} - m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(11)}m_{301}^{(22)} + m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(11)}m_{202}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(00)}m_{130}^{(22)} - m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(00)}m_{121}^{(21)} - m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(00)}m_{022}^{(10)}\\
&-4m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{220}^{(22)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{211}^{(21)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{112}^{(10)}\\
&+2m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(11)}m_{310}^{(22)} - m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(11)}m_{301}^{(21)} - m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(11)}m_{202}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{121}^{(20)} - m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{022}^{(00)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{211}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{112}^{(00)} + m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(11)}m_{301}^{(20)} - m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(11)}m_{202}^{(00)}\\
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&+4m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(10)}m_{220}^{(20)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(10)}m_{211}^{(10)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(10)}m_{121}^{(00)}\\
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&+2m_{000}^{(10)}m_{001}^{(00)}m_{200}^{(21)}m_{013}^{(11)} + m_{000}^{(10)}m_{001}^{(00)}m_{200}^{(22)}m_{031}^{(21)} - m_{000}^{(10)}m_{001}^{(00)}m_{200}^{(22)}m_{022}^{(11)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(11)}m_{103}^{(21)} - m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(11)}m_{013}^{(20)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{112}^{(21)}
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&+2m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{022}^{(20)} + m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(22)}m_{121}^{(21)} - m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(22)}m_{031}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(11)}m_{112}^{(21)} + m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(11)}m_{103}^{(11)} + m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(11)}m_{013}^{(10)}\\
&+4m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{121}^{(21)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{112}^{(11)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{022}^{(10)}\\
&-2m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(22)}m_{130}^{(21)} + m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(22)}m_{121}^{(11)} + m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(22)}m_{031}^{(10)}\\
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&+2m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(11)}m_{112}^{(20)} - m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(11)}m_{103}^{(10)} - m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(11)}m_{013}^{(00)}\\
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&+2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(10)}m_{013}^{(20)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{112}^{(21)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{022}^{(20)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{202}^{(21)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{112}^{(20)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{211}^{(21)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{121}^{(20)} + 4m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{112}^{(21)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{103}^{(11)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{013}^{(10)} - 4m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{121}^{(21)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{112}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{022}^{(10)} - 4m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{211}^{(21)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{202}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{112}^{(10)} + 4m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{220}^{(21)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{211}^{(11)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{121}^{(10)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(10)}m_{103}^{(20)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(10)}m_{004}^{(00)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{112}^{(20)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{013}^{(00)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(21)}m_{202}^{(20)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(21)}m_{103}^{(00)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(22)}m_{211}^{(20)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(22)}m_{112}^{(00)}\\
&-4m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{112}^{(20)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{103}^{(10)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{013}^{(00)}\\
&+4m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{121}^{(20)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{112}^{(10)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{022}^{(00)}\\
&+4m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{211}^{(20)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{202}^{(10)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{112}^{(00)}\\
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&-2m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{112}^{(21)} + m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{103}^{(11)} + m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{013}^{(10)}\\
&+4m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{211}^{(21)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{202}^{(11)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{112}^{(10)}\\
&-2m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{310}^{(21)} + m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{301}^{(11)} + m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{211}^{(10)}\\
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&-2m_{000}^{(10)}m_{001}^{(11)}m_{020}^{(20)}m_{103}^{(00)} - m_{000}^{(10)}m_{001}^{(11)}m_{020}^{(22)}m_{301}^{(20)} + m_{000}^{(10)}m_{001}^{(11)}m_{020}^{(22)}m_{202}^{(00)}\\
&+2m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{112}^{(20)} - m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{103}^{(10)} - m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{013}^{(00)}\\
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&+2m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{121}^{(21)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{112}^{(11)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{112}^{(21)}\\
&-2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{022}^{(20)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{202}^{(21)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{112}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{121}^{(21)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{031}^{(20)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{211}^{(21)}\\
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&+2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{022}^{(10)} + 4m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{211}^{(21)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{202}^{(11)}\\
&-2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{112}^{(10)} + 4m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{130}^{(21)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{121}^{(11)}\\
&-2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{031}^{(10)} - 4m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{220}^{(21)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{211}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{121}^{(10)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{112}^{(20)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{013}^{(00)}\\
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&+4m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{121}^{(20)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{112}^{(10)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{022}^{(00)}\\
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&+4m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{220}^{(20)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{211}^{(10)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{121}^{(00)}\\
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&-2m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{211}^{(21)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{202}^{(11)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{112}^{(21)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{022}^{(20)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{202}^{(21)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{112}^{(20)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{211}^{(21)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{121}^{(20)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{301}^{(21)}\\
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&+2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{112}^{(10)} - 4m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{220}^{(21)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{211}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{121}^{(10)} + 4m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{310}^{(21)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{301}^{(11)}\\
&-2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{211}^{(10)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{112}^{(20)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{013}^{(00)}\\
&-2m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(10)}m_{202}^{(20)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(10)}m_{103}^{(00)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{211}^{(20)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{112}^{(00)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(21)}m_{301}^{(20)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(21)}m_{202}^{(00)}\\
&-4m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{121}^{(20)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{112}^{(10)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{022}^{(00)}\\
&+4m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{211}^{(20)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{202}^{(10)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{112}^{(00)}\\
&+4m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{220}^{(20)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{211}^{(10)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{121}^{(00)}\\
&-4m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{310}^{(20)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{301}^{(10)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{211}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(00)}m_{031}^{(21)} - m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(00)}m_{022}^{(11)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{121}^{(21)}\\
&+2m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{112}^{(11)} + m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{211}^{(21)} - m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{202}^{(11)}\\
&+m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{121}^{(21)} - m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{031}^{(20)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{211}^{(21)}\\
&+2m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{121}^{(20)} + m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{301}^{(21)} - m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{211}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(00)}m_{130}^{(21)} + m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(00)}m_{121}^{(11)} + m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(00)}m_{031}^{(10)}\\
&+4m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(10)}m_{220}^{(21)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(10)}m_{211}^{(11)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(10)}m_{121}^{(10)}\\
&-2m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(11)}m_{310}^{(21)} + m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(11)}m_{301}^{(11)} + m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(11)}m_{211}^{(10)}
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&-m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{121}^{(20)}+m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{022}^{(00)}+2m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{211}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{112}^{(00)}-m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(11)}m_{301}^{(20)}+m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(11)}m_{202}^{(00)}\\
&+2m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(00)}m_{130}^{(20)}-m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(00)}m_{121}^{(10)}-m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(00)}m_{031}^{(00)}\\
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&+m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(11)}m_{103}^{(21)}-m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(11)}m_{004}^{(10)}-2m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(21)}m_{112}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(21)}m_{013}^{(10)}+m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(22)}m_{121}^{(21)}-m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(22)}m_{022}^{(10)}\\
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&+2m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(10)}m_{103}^{(22)}-2m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(10)}m_{004}^{(20)}-2m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(20)}m_{112}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(20)}m_{013}^{(20)}-2m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(21)}m_{202}^{(22)}+2m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(21)}m_{103}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(22)}m_{211}^{(22)}-2m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(22)}m_{112}^{(20)}-2m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(10)}m_{103}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(10)}m_{004}^{(10)}+2m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(20)}m_{112}^{(21)}-2m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(20)}m_{013}^{(10)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(21)}m_{202}^{(21)}-2m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(21)}m_{103}^{(10)}-2m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(22)}m_{211}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(22)}m_{112}^{(10)}-2m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(10)}m_{202}^{(22)}+2m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(10)}m_{103}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(20)}m_{211}^{(22)}-2m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(20)}m_{112}^{(20)}+2m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(21)}m_{301}^{(22)}\\
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&+2m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(20)}m_{112}^{(10)}-2m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(21)}m_{301}^{(21)}+2m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(21)}m_{202}^{(10)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(22)}m_{310}^{(21)}-2m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(22)}m_{211}^{(10)}-m_{000}^{(11)}m_{100}^{(11)}m_{110}^{(00)}m_{103}^{(22)}\\
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&+m_{000}^{(11)}m_{100}^{(11)}m_{011}^{(22)}m_{400}^{(22)}-m_{000}^{(11)}m_{100}^{(11)}m_{011}^{(22)}m_{301}^{(20)}-m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(00)}m_{202}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(00)}m_{103}^{(10)}+2m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(20)}m_{301}^{(21)}-2m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(20)}m_{202}^{(10)}\\
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&+2m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(10)}m_{013}^{(20)}+2m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(11)}m_{202}^{(22)}-2m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(11)}m_{103}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(20)}m_{121}^{(22)}-2m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(20)}m_{022}^{(20)}-2m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(21)}m_{211}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(21)}m_{112}^{(20)}+2m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(21)}m_{112}^{(20)}-2m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(10)}m_{013}^{(10)}\\
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&+2m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(20)}m_{022}^{(10)}+2m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(21)}m_{211}^{(21)}-2m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(21)}m_{112}^{(10)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(10)}m_{211}^{(22)}-2m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(10)}m_{112}^{(20)}-2m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(11)}m_{301}^{(22)}
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&+2m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(11)}m_{202}^{(20)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{220}^{(22)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{121}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(21)}m_{310}^{(22)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(21)}m_{211}^{(20)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(10)}m_{211}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(10)}m_{112}^{(10)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(11)}m_{301}^{(21)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(11)}m_{202}^{(10)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(20)}m_{220}^{(21)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(20)}m_{121}^{(10)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(21)}m_{310}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(21)}m_{211}^{(10)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(00)}m_{112}^{(22)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(00)}m_{013}^{(20)}\\
&-2m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(10)}m_{202}^{(22)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(10)}m_{103}^{(20)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(20)}m_{211}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(20)}m_{112}^{(20)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(21)}m_{301}^{(22)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(21)}m_{202}^{(20)}\\
&-2m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(00)}m_{112}^{(21)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(00)}m_{013}^{(10)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(10)}m_{202}^{(21)}\\
&-2m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(10)}m_{103}^{(10)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{211}^{(21)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{112}^{(10)}\\
&-2m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(21)}m_{301}^{(21)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(21)}m_{202}^{(10)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(00)}m_{211}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(00)}m_{112}^{(20)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(10)}m_{301}^{(22)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(10)}m_{202}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(20)}m_{310}^{(22)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(20)}m_{211}^{(20)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(21)}m_{400}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(21)}m_{301}^{(20)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(00)}m_{211}^{(21)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(00)}m_{112}^{(10)}\\
&-2m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(10)}m_{301}^{(21)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(10)}m_{202}^{(10)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(20)}m_{310}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(20)}m_{211}^{(10)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(21)}m_{400}^{(21)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(21)}m_{301}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(00)}m_{121}^{(22)} + m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(00)}m_{022}^{(20)} + 2m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(10)}m_{211}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(10)}m_{112}^{(20)} - m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(11)}m_{301}^{(22)} + m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(11)}m_{202}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(00)}m_{121}^{(21)} - m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(00)}m_{022}^{(10)} - 2m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(10)}m_{211}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(10)}m_{112}^{(10)} + m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(11)}m_{301}^{(21)} - m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(11)}m_{202}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(00)}m_{220}^{(22)} - m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(00)}m_{121}^{(20)} - 2m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(10)}m_{310}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(10)}m_{211}^{(20)} + m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(11)}m_{400}^{(22)} - m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(11)}m_{301}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{002}^{(00)}m_{220}^{(21)} + m_{000}^{(11)}m_{100}^{(22)}m_{002}^{(00)}m_{121}^{(10)} + 2m_{000}^{(11)}m_{100}^{(22)}m_{002}^{(10)}m_{310}^{(21)}\\
&-2m_{000}^{(11)}m_{100}^{(22)}m_{002}^{(10)}m_{211}^{(10)} - m_{000}^{(11)}m_{100}^{(22)}m_{002}^{(11)}m_{400}^{(21)} + m_{000}^{(11)}m_{100}^{(22)}m_{002}^{(11)}m_{301}^{(10)}\\
&+m_{000}^{(11)}m_{010}^{(00)}m_{200}^{(11)}m_{103}^{(22)} - m_{000}^{(11)}m_{010}^{(00)}m_{200}^{(11)}m_{004}^{(20)} - 2m_{000}^{(11)}m_{010}^{(00)}m_{200}^{(21)}m_{112}^{(22)}\\
&+2m_{000}^{(11)}m_{010}^{(00)}m_{200}^{(21)}m_{013}^{(20)} + m_{000}^{(11)}m_{010}^{(00)}m_{200}^{(22)}m_{121}^{(22)} - m_{000}^{(11)}m_{010}^{(00)}m_{200}^{(22)}m_{022}^{(20)}\\
&-m_{000}^{(11)}m_{010}^{(00)}m_{101}^{(11)}m_{202}^{(22)} + m_{000}^{(11)}m_{010}^{(00)}m_{101}^{(11)}m_{004}^{(00)} + 2m_{000}^{(11)}m_{010}^{(00)}m_{101}^{(21)}m_{211}^{(22)}\\
&-2m_{000}^{(11)}m_{010}^{(00)}m_{101}^{(21)}m_{013}^{(00)} - m_{000}^{(11)}m_{010}^{(00)}m_{101}^{(22)}m_{220}^{(22)} + m_{000}^{(11)}m_{010}^{(00)}m_{101}^{(22)}m_{022}^{(00)}\\
&+m_{000}^{(11)}m_{010}^{(00)}m_{002}^{(11)}m_{202}^{(20)} - m_{000}^{(11)}m_{010}^{(00)}m_{002}^{(11)}m_{103}^{(00)} - 2m_{000}^{(11)}m_{010}^{(00)}m_{002}^{(21)}m_{211}^{(20)}\\
&+2m_{000}^{(11)}m_{010}^{(00)}m_{002}^{(21)}m_{112}^{(00)} + m_{000}^{(11)}m_{010}^{(00)}m_{002}^{(22)}m_{220}^{(20)} - m_{000}^{(11)}m_{010}^{(00)}m_{002}^{(22)}m_{121}^{(00)}\\
&-2m_{000}^{(11)}m_{010}^{(10)}m_{200}^{(10)}m_{103}^{(22)} + 2m_{000}^{(11)}m_{010}^{(10)}m_{200}^{(10)}m_{004}^{(20)} + 2m_{000}^{(11)}m_{010}^{(10)}m_{200}^{(20)}m_{112}^{(22)}\\
&-2m_{000}^{(11)}m_{010}^{(10)}m_{200}^{(20)}m_{013}^{(20)} + 2m_{000}^{(11)}m_{010}^{(10)}m_{200}^{(21)}m_{202}^{(22)} - 2m_{000}^{(11)}m_{010}^{(10)}m_{200}^{(21)}m_{103}^{(20)}\\
&-2m_{000}^{(11)}m_{010}^{(10)}m_{200}^{(22)}m_{211}^{(22)} + 2m_{000}^{(11)}m_{010}^{(10)}m_{200}^{(22)}m_{112}^{(20)} + 2m_{000}^{(11)}m_{010}^{(10)}m_{101}^{(10)}m_{202}^{(22)}\\
&-2m_{000}^{(11)}m_{010}^{(10)}m_{101}^{(10)}m_{004}^{(00)} - 2m_{000}^{(11)}m_{010}^{(10)}m_{101}^{(20)}m_{211}^{(22)} + 2m_{000}^{(11)}m_{010}^{(10)}m_{101}^{(20)}m_{013}^{(00)}\\
&-2m_{000}^{(11)}m_{010}^{(10)}m_{101}^{(21)}m_{301}^{(22)} + 2m_{000}^{(11)}m_{010}^{(10)}m_{101}^{(21)}m_{103}^{(00)} + 2m_{000}^{(11)}m_{010}^{(10)}m_{101}^{(22)}m_{310}^{(22)}\\
&-2m_{000}^{(11)}m_{010}^{(10)}m_{101}^{(22)}m_{112}^{(00)} - 2m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(10)}m_{202}^{(20)} + 2m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(10)}m_{103}^{(00)}\\
&+2m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(20)}m_{211}^{(20)} - 2m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(20)}m_{112}^{(00)} + 2m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(21)}m_{301}^{(20)}\\
&-2m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(21)}m_{202}^{(00)} - 2m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(22)}m_{310}^{(20)} + 2m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(22)}m_{211}^{(00)}\\
&+m_{000}^{(11)}m_{010}^{(11)}m_{200}^{(00)}m_{103}^{(22)} - m_{000}^{(11)}m_{010}^{(11)}m_{200}^{(00)}m_{004}^{(20)} - 2m_{000}^{(11)}m_{010}^{(11)}m_{200}^{(20)}m_{202}^{(22)}
\end{aligned}
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$$+2m_{000}^{(11)}m_{010}^{(11)}m_{200}^{(20)}m_{103}^{(20)}+m_{000}^{(11)}m_{010}^{(11)}m_{200}^{(22)}m_{301}^{(22)}-m_{000}^{(11)}m_{010}^{(11)}m_{200}^{(22)}m_{202}^{(20)}$$
$$-m_{000}^{(11)}m_{010}^{(11)}m_{101}^{(00)}m_{202}^{(22)}+m_{000}^{(11)}m_{010}^{(11)}m_{101}^{(00)}m_{004}^{(00)}+2m_{000}^{(11)}m_{010}^{(11)}m_{101}^{(20)}m_{301}^{(22)}$$
$$-2m_{000}^{(11)}m_{010}^{(11)}m_{101}^{(20)}m_{103}^{(00)}-m_{000}^{(11)}m_{010}^{(11)}m_{101}^{(22)}m_{400}^{(22)}+m_{000}^{(11)}m_{010}^{(11)}m_{101}^{(22)}m_{202}^{(00)}$$
$$+m_{000}^{(11)}m_{010}^{(11)}m_{002}^{(00)}m_{202}^{(20)}-m_{000}^{(11)}m_{010}^{(11)}m_{002}^{(00)}m_{103}^{(00)}-2m_{000}^{(11)}m_{010}^{(11)}m_{002}^{(20)}m_{301}^{(20)}$$
$$+2m_{000}^{(11)}m_{010}^{(11)}m_{002}^{(20)}m_{202}^{(00)}+m_{000}^{(11)}m_{010}^{(11)}m_{002}^{(22)}m_{400}^{(20)}-m_{000}^{(11)}m_{010}^{(11)}m_{002}^{(22)}m_{301}^{(00)}$$
$$+2m_{000}^{(11)}m_{010}^{(20)}m_{200}^{(10)}m_{112}^{(22)}-2m_{000}^{(11)}m_{010}^{(20)}m_{200}^{(10)}m_{013}^{(20)}-2m_{000}^{(11)}m_{010}^{(20)}m_{200}^{(11)}m_{202}^{(22)}$$
$$+2m_{000}^{(11)}m_{010}^{(20)}m_{200}^{(11)}m_{103}^{(20)}-2m_{000}^{(11)}m_{010}^{(20)}m_{200}^{(20)}m_{121}^{(22)}+2m_{000}^{(11)}m_{010}^{(20)}m_{200}^{(20)}m_{022}^{(20)}$$
$$+2m_{000}^{(11)}m_{010}^{(20)}m_{200}^{(21)}m_{211}^{(22)}-2m_{000}^{(11)}m_{010}^{(20)}m_{200}^{(21)}m_{112}^{(20)}-2m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(10)}m_{211}^{(22)}$$
$$+2m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(10)}m_{013}^{(00)}+2m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(11)}m_{301}^{(22)}-2m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(11)}m_{103}^{(00)}$$
$$+2m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{220}^{(22)}-2m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{022}^{(00)}-2m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(21)}m_{310}^{(22)}$$
$$+2m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(21)}m_{112}^{(00)}+2m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(10)}m_{211}^{(20)}-2m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(10)}m_{112}^{(00)}$$
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$$+2m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(20)}m_{121}^{(00)}+2m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(21)}m_{310}^{(20)}-2m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(21)}m_{211}^{(00)}$$
$$-2m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(00)}m_{112}^{(22)}+2m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(00)}m_{013}^{(20)}+2m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(10)}m_{202}^{(22)}$$
$$-2m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(10)}m_{103}^{(20)}+2m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{211}^{(22)}-2m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{112}^{(20)}$$
$$-2m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(21)}m_{301}^{(22)}+2m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(21)}m_{202}^{(20)}+2m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(00)}m_{211}^{(22)}$$
$$-2m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(00)}m_{013}^{(00)}-2m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(10)}m_{301}^{(22)}+2m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(10)}m_{103}^{(00)}$$
$$-2m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{310}^{(22)}+2m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{112}^{(00)}+2m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(21)}m_{400}^{(22)}$$
$$-2m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(21)}m_{202}^{(00)}-2m_{000}^{(11)}m_{010}^{(21)}m_{002}^{(00)}m_{211}^{(20)}+2m_{000}^{(11)}m_{010}^{(21)}m_{002}^{(00)}m_{112}^{(00)}$$
$$+2m_{000}^{(11)}m_{010}^{(21)}m_{002}^{(10)}m_{301}^{(20)}-2m_{000}^{(11)}m_{010}^{(21)}m_{002}^{(10)}m_{202}^{(00)}+2m_{000}^{(11)}m_{010}^{(21)}m_{002}^{(20)}m_{310}^{(20)}$$
$$-2m_{000}^{(11)}m_{010}^{(21)}m_{002}^{(20)}m_{211}^{(00)}-2m_{000}^{(11)}m_{010}^{(21)}m_{002}^{(21)}m_{400}^{(20)}+2m_{000}^{(11)}m_{010}^{(21)}m_{002}^{(21)}m_{301}^{(00)}$$
$$+m_{000}^{(11)}m_{010}^{(22)}m_{200}^{(00)}m_{121}^{(22)}-m_{000}^{(11)}m_{010}^{(22)}m_{200}^{(00)}m_{022}^{(20)}-2m_{000}^{(11)}m_{010}^{(22)}m_{200}^{(10)}m_{211}^{(22)}$$
$$+2m_{000}^{(11)}m_{010}^{(22)}m_{200}^{(10)}m_{112}^{(20)}+m_{000}^{(11)}m_{010}^{(22)}m_{200}^{(11)}m_{301}^{(22)}-m_{000}^{(11)}m_{010}^{(22)}m_{200}^{(11)}m_{202}^{(20)}$$
$$-m_{000}^{(11)}m_{010}^{(22)}m_{101}^{(00)}m_{220}^{(22)}+m_{000}^{(11)}m_{010}^{(22)}m_{101}^{(00)}m_{022}^{(00)}+2m_{000}^{(11)}m_{010}^{(22)}m_{101}^{(10)}m_{310}^{(22)}$$
$$-2m_{000}^{(11)}m_{010}^{(22)}m_{101}^{(10)}m_{112}^{(00)}-m_{000}^{(11)}m_{010}^{(22)}m_{101}^{(11)}m_{400}^{(22)}+m_{000}^{(11)}m_{010}^{(22)}m_{101}^{(11)}m_{202}^{(00)}$$
$$+m_{000}^{(11)}m_{010}^{(22)}m_{002}^{(00)}m_{220}^{(20)}-m_{000}^{(11)}m_{010}^{(22)}m_{002}^{(00)}m_{121}^{(00)}-2m_{000}^{(11)}m_{010}^{(22)}m_{002}^{(10)}m_{310}^{(20)}$$
$$+2m_{000}^{(11)}m_{010}^{(22)}m_{002}^{(10)}m_{211}^{(00)}+m_{000}^{(11)}m_{010}^{(22)}m_{002}^{(11)}m_{400}^{(20)}-m_{000}^{(11)}m_{010}^{(22)}m_{002}^{(11)}m_{301}^{(00)}$$
$$-m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(11)}m_{103}^{(21)}+m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(11)}m_{004}^{(10)}+2m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(21)}m_{112}^{(21)}$$
$$-2m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(21)}m_{013}^{(10)}-m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(22)}m_{121}^{(21)}+m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(22)}m_{022}^{(10)}$$
$$+m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(11)}m_{103}^{(20)}-m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(11)}m_{004}^{(00)}-2m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(21)}m_{112}^{(20)}$$
$$+2m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(21)}m_{013}^{(00)}+m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(22)}m_{121}^{(20)}-m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(22)}m_{022}^{(00)}$$
$$+m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(11)}m_{202}^{(21)}-m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(11)}m_{103}^{(10)}-2m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(21)}m_{211}^{(21)}$$
$$+2m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(21)}m_{112}^{(10)}+m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(22)}m_{220}^{(21)}-m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(22)}m_{121}^{(10)}$$
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$$-2m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(21)}m_{112}^{(00)}-m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(22)}m_{220}^{(20)}+m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(22)}m_{121}^{(00)}$$
$$+2m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(10)}m_{103}^{(21)}-2m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(10)}m_{004}^{(10)}-2m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{112}^{(21)}$$
$$+2m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{013}^{(10)}-2m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(21)}m_{202}^{(21)}+2m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(21)}m_{103}^{(10)}$$
$$+2m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{211}^{(21)}-2m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{112}^{(10)}-2m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(10)}m_{103}^{(20)}$$

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\begin{aligned}
&+2m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(10)}m_{004}^{(00)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{112}^{(20)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{013}^{(00)}\\
&+2m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(21)}m_{202}^{(20)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(21)}m_{103}^{(00)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(22)}m_{211}^{(20)}\\
&+2m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(22)}m_{112}^{(00)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{202}^{(21)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{103}^{(10)}\\
&+2m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{211}^{(21)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{112}^{(10)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{301}^{(21)}\\
&-2m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{202}^{(10)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{310}^{(21)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{211}^{(10)}\\
&+2m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(10)}m_{202}^{(20)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(10)}m_{103}^{(00)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{211}^{(20)}\\
&+2m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{112}^{(00)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(21)}m_{301}^{(20)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(21)}m_{202}^{(00)}\\
&+2m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(22)}m_{310}^{(20)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(22)}m_{211}^{(00)} - m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(00)}m_{103}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(00)}m_{004}^{(10)} + 2m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(20)}m_{202}^{(21)} - 2m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(20)}m_{103}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(22)}m_{301}^{(21)} + m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(22)}m_{202}^{(10)} + m_{000}^{(11)}m_{001}^{(11)}m_{110}^{(00)}m_{103}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(11)}m_{110}^{(00)}m_{004}^{(00)} - 2m_{000}^{(11)}m_{001}^{(11)}m_{110}^{(20)}m_{202}^{(20)} + 2m_{000}^{(11)}m_{001}^{(11)}m_{110}^{(20)}m_{103}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{110}^{(22)}m_{301}^{(20)} - m_{000}^{(11)}m_{001}^{(11)}m_{110}^{(22)}m_{202}^{(00)} + m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(00)}m_{202}^{(21)}\\
&-m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(00)}m_{103}^{(10)} - 2m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(20)}m_{301}^{(21)} + 2m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(20)}m_{202}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(22)}m_{400}^{(21)} - m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(22)}m_{301}^{(10)} - m_{000}^{(11)}m_{001}^{(11)}m_{011}^{(00)}m_{202}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{011}^{(00)}m_{103}^{(00)} + 2m_{000}^{(11)}m_{001}^{(11)}m_{011}^{(20)}m_{301}^{(20)} - 2m_{000}^{(11)}m_{001}^{(11)}m_{011}^{(20)}m_{202}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(11)}m_{011}^{(22)}m_{400}^{(20)} + m_{000}^{(11)}m_{001}^{(11)}m_{011}^{(22)}m_{301}^{(00)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{112}^{(21)}\\
&+2m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{013}^{(10)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(11)}m_{202}^{(21)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(11)}m_{103}^{(10)}\\
&+2m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{121}^{(21)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{022}^{(10)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{211}^{(21)}\\
&+2m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{112}^{(10)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{112}^{(20)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{013}^{(00)}\\
&-2m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(11)}m_{202}^{(20)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(11)}m_{103}^{(00)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{121}^{(20)}\\
&+2m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{022}^{(00)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{211}^{(20)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{112}^{(00)}\\
&+2m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{211}^{(21)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{112}^{(10)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{301}^{(21)}\\
&+2m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{202}^{(10)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{220}^{(21)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{121}^{(10)}\\
&+2m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{310}^{(21)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{211}^{(10)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{211}^{(20)}\\
&+2m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{112}^{(00)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(11)}m_{301}^{(20)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(11)}m_{202}^{(00)}\\
&+2m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{220}^{(20)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{121}^{(00)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{310}^{(20)}\\
&+2m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{211}^{(00)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{112}^{(21)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{013}^{(10)}\\
&-2m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{202}^{(21)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{103}^{(10)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{211}^{(21)}\\
&+2m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{112}^{(10)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{301}^{(21)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{202}^{(10)}\\
&-2m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{112}^{(20)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{013}^{(00)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(10)}m_{202}^{(20)}\\
&-2m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(10)}m_{103}^{(00)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{211}^{(20)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{112}^{(00)}\\
&-2m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(21)}m_{301}^{(20)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(21)}m_{202}^{(00)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{211}^{(21)}\\
&+2m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{112}^{(10)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{301}^{(21)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{202}^{(10)}\\
&+2m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{310}^{(21)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{211}^{(10)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{400}^{(21)}\\
&+2m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{301}^{(10)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{211}^{(20)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{112}^{(00)}\\
&-2m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(10)}m_{301}^{(20)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(10)}m_{202}^{(00)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{310}^{(20)}\\
&+2m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{211}^{(00)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(21)}m_{400}^{(20)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(21)}m_{301}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(00)}m_{121}^{(21)} + m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(00)}m_{022}^{(10)} + 2m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{211}^{(21)}
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&-2m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{112}^{(10)} - m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(11)}m_{301}^{(21)} + m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(11)}m_{202}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{121}^{(20)} - m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{022}^{(00)} - 2m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{211}^{(20)}\\
&+2m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{112}^{(00)} + m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(11)}m_{301}^{(20)} - m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(11)}m_{202}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(00)}m_{220}^{(21)} - m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(00)}m_{121}^{(10)} - 2m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(10)}m_{310}^{(21)}\\
&+2m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(10)}m_{211}^{(10)} + m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(11)}m_{400}^{(21)} - m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(11)}m_{301}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(00)}m_{220}^{(20)} + m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(00)}m_{121}^{(00)} + 2m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(10)}m_{310}^{(20)}\\
&-2m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(10)}m_{211}^{(00)} - m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(11)}m_{400}^{(20)} + m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(11)}m_{301}^{(00)}\\
&-m_{000}^{(20)}m_{100}^{(00)}m_{110}^{(11)}m_{022}^{(22)} + m_{000}^{(20)}m_{100}^{(00)}m_{110}^{(11)}m_{013}^{(21)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{110}^{(21)}m_{031}^{(22)}\\
&-2m_{000}^{(20)}m_{100}^{(00)}m_{110}^{(21)}m_{022}^{(21)} - m_{000}^{(20)}m_{100}^{(00)}m_{110}^{(22)}m_{040}^{(22)} + m_{000}^{(20)}m_{100}^{(00)}m_{110}^{(22)}m_{031}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{101}^{(11)}m_{022}^{(21)} - m_{000}^{(20)}m_{100}^{(00)}m_{101}^{(11)}m_{013}^{(11)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{101}^{(21)}m_{031}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(00)}m_{101}^{(21)}m_{022}^{(11)} + m_{000}^{(20)}m_{100}^{(00)}m_{101}^{(22)}m_{040}^{(21)} - m_{000}^{(20)}m_{100}^{(00)}m_{101}^{(22)}m_{031}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(11)}m_{112}^{(22)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(11)}m_{103}^{(21)} + m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(11)}m_{013}^{(20)}\\
&-2m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(21)}m_{121}^{(22)} + 4m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(21)}m_{112}^{(21)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(21)}m_{022}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(22)}m_{130}^{(22)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(22)}m_{121}^{(21)} + m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(22)}m_{031}^{(20)}\\
&+2m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(11)}m_{103}^{(11)} - m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(11)}m_{022}^{(20)} - m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(11)}m_{013}^{(10)}\\
&-4m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(21)}m_{112}^{(11)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(21)}m_{031}^{(20)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(21)}m_{022}^{(10)}\\
&+2m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(22)}m_{121}^{(11)} - m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(22)}m_{040}^{(20)} - m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(22)}m_{031}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(11)}m_{112}^{(11)} + m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(11)}m_{022}^{(10)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(21)}m_{121}^{(11)}\\
&-2m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(21)}m_{031}^{(10)} - m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(22)}m_{130}^{(11)} + m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(22)}m_{040}^{(10)}\\
&+2m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(10)}m_{022}^{(22)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(10)}m_{013}^{(21)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(20)}m_{031}^{(22)}\\
&+2m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(20)}m_{022}^{(21)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(21)}m_{121}^{(22)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(21)}m_{112}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(22)}m_{130}^{(22)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(22)}m_{121}^{(21)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(10)}m_{022}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(10)}m_{013}^{(11)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(20)}m_{031}^{(21)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(20)}m_{022}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(21)}m_{121}^{(21)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(21)}m_{112}^{(11)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(22)}m_{130}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(22)}m_{121}^{(11)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(10)}m_{112}^{(22)} + 4m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(10)}m_{103}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(10)}m_{013}^{(20)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(20)}m_{121}^{(22)} - 4m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(20)}m_{112}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(20)}m_{022}^{(20)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(21)}m_{211}^{(22)} - 4m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(21)}m_{202}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(21)}m_{112}^{(20)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(22)}m_{220}^{(22)} + 4m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(22)}m_{211}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(22)}m_{121}^{(20)} - 4m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(10)}m_{103}^{(11)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(10)}m_{022}^{(20)}\\
&+2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(10)}m_{013}^{(10)} + 4m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(20)}m_{112}^{(11)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(20)}m_{031}^{(20)}\\
&-2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(20)}m_{022}^{(10)} + 4m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(21)}m_{202}^{(11)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(21)}m_{121}^{(20)}\\
&-2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(21)}m_{112}^{(10)} - 4m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(22)}m_{211}^{(11)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(22)}m_{130}^{(20)}\\
&+2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(22)}m_{121}^{(10)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(10)}m_{112}^{(11)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(10)}m_{022}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(20)}m_{121}^{(11)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(20)}m_{031}^{(10)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(21)}m_{211}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(21)}m_{121}^{(10)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(22)}m_{220}^{(11)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(22)}m_{130}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(00)}m_{022}^{(22)} + m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(00)}m_{013}^{(21)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(20)}m_{121}^{(22)}\\
&-2m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(20)}m_{112}^{(21)} - m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(22)}m_{220}^{(22)} + m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(22)}m_{211}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(00)}m_{022}^{(21)} - m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(00)}m_{013}^{(11)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(20)}m_{121}^{(21)}
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&+2m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(20)}m_{112}^{(11)} + m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(22)}m_{220}^{(21)} - m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(22)}m_{211}^{(11)} \\
&+m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(00)}m_{112}^{(22)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(00)}m_{103}^{(21)} + m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(00)}m_{013}^{(20)} \\
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&+m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(22)}m_{310}^{(22)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(22)}m_{301}^{(21)} + m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(22)}m_{211}^{(20)} \\
&+2m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(00)}m_{103}^{(11)} - m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(00)}m_{022}^{(20)} - m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(00)}m_{013}^{(10)} \\
&-4m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(20)}m_{202}^{(11)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(20)}m_{121}^{(20)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(20)}m_{112}^{(10)} \\
&+2m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(22)}m_{301}^{(11)} - m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(22)}m_{220}^{(20)} - m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(22)}m_{211}^{(10)} \\
&-m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(00)}m_{112}^{(11)} + m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(00)}m_{022}^{(10)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(20)}m_{211}^{(11)} \\
&-2m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(20)}m_{121}^{(10)} - m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(22)}m_{310}^{(11)} + m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(22)}m_{220}^{(10)} \\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(10)}m_{031}^{(22)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(10)}m_{022}^{(21)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(11)}m_{121}^{(22)} \\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(11)}m_{112}^{(21)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(20)}m_{040}^{(22)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(20)}m_{031}^{(21)} \\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(21)}m_{130}^{(22)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(21)}m_{121}^{(21)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(10)}m_{031}^{(21)} \\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(10)}m_{022}^{(11)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(11)}m_{121}^{(21)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(11)}m_{112}^{(11)} \\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(20)}m_{040}^{(21)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(20)}m_{031}^{(11)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(21)}m_{130}^{(21)} \\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(21)}m_{121}^{(11)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(10)}m_{121}^{(22)} - 4m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(10)}m_{112}^{(21)} \\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(10)}m_{022}^{(20)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(11)}m_{211}^{(22)} + 4m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(11)}m_{202}^{(21)} \\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(11)}m_{112}^{(20)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(20)}m_{130}^{(22)} + 4m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(20)}m_{121}^{(21)} \\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(20)}m_{031}^{(20)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(21)}m_{220}^{(22)} - 4m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(21)}m_{211}^{(21)} \\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(21)}m_{121}^{(20)} + 4m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(10)}m_{112}^{(11)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(10)}m_{031}^{(20)} \\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(10)}m_{022}^{(10)} - 4m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(11)}m_{202}^{(11)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(11)}m_{121}^{(20)} \\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(11)}m_{112}^{(10)} - 4m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(20)}m_{121}^{(11)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(20)}m_{040}^{(20)} \\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(20)}m_{031}^{(10)} + 4m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(21)}m_{211}^{(11)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(21)}m_{130}^{(20)} \\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(21)}m_{121}^{(10)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(10)}m_{121}^{(11)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(10)}m_{031}^{(10)} \\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(11)}m_{211}^{(11)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(11)}m_{121}^{(10)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(20)}m_{130}^{(11)} \\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(20)}m_{040}^{(10)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(21)}m_{220}^{(11)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(21)}m_{130}^{(10)} \\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(00)}m_{031}^{(22)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(00)}m_{022}^{(21)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(10)}m_{121}^{(22)} \\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(10)}m_{112}^{(21)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(20)}m_{130}^{(22)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(20)}m_{121}^{(21)} \\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{220}^{(22)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{211}^{(21)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(00)}m_{031}^{(21)} \\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(00)}m_{022}^{(11)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(10)}m_{121}^{(21)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(10)}m_{112}^{(11)} \\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(20)}m_{130}^{(21)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(20)}m_{121}^{(11)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{220}^{(21)} \\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{211}^{(11)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(00)}m_{121}^{(22)} + 4m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(00)}m_{112}^{(21)} \\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(00)}m_{022}^{(20)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(10)}m_{211}^{(22)} - 4m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(10)}m_{202}^{(21)} \\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(10)}m_{112}^{(20)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{220}^{(22)} - 4m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{211}^{(21)} \\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{121}^{(20)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(21)}m_{310}^{(22)} + 4m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(21)}m_{301}^{(21)} \\
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&+2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(00)}m_{022}^{(10)} + 4m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{202}^{(11)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{121}^{(20)} \\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{112}^{(10)} + 4m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(20)}m_{211}^{(11)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(20)}m_{130}^{(20)} \\
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&+2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(21)}m_{211}^{(10)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(00)}m_{121}^{(11)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(00)}m_{031}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(10)}m_{211}^{(11)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(10)}m_{121}^{(10)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(20)}m_{220}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(20)}m_{130}^{(10)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(21)}m_{310}^{(11)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(21)}m_{220}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(00)}m_{040}^{(22)} + m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(00)}m_{031}^{(21)} + 2m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(10)}m_{130}^{(22)}\\
&-2m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(10)}m_{121}^{(21)} - m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(11)}m_{220}^{(22)} + m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(11)}m_{211}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(00)}m_{040}^{(21)} - m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(00)}m_{031}^{(11)} - 2m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(10)}m_{130}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(10)}m_{121}^{(11)} + m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(11)}m_{220}^{(21)} - m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(11)}m_{211}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(00)}m_{130}^{(22)} - 2m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(00)}m_{121}^{(21)} + m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(00)}m_{031}^{(20)}\\
&-2m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(10)}m_{220}^{(22)} + 4m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(10)}m_{211}^{(21)} - 2m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(10)}m_{121}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(11)}m_{310}^{(22)} - 2m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(11)}m_{301}^{(21)} + m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(11)}m_{211}^{(20)}\\
&+2m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(00)}m_{121}^{(11)} - m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(00)}m_{040}^{(20)} - m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(00)}m_{031}^{(10)}\\
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&+2m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(11)}m_{301}^{(11)} - m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(11)}m_{220}^{(20)} - m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(11)}m_{211}^{(10)}\\
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&-m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(22)}m_{130}^{(20)} + 2m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(22)}m_{121}^{(10)} - m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(22)}m_{031}^{(00)}\\
&-m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{112}^{(10)} + m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{022}^{(00)} + 2m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{121}^{(10)}\\
&-2m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{031}^{(00)} - m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(22)}m_{130}^{(10)} + m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(22)}m_{040}^{(00)}\\
&+2m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(10)}m_{022}^{(21)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(10)}m_{013}^{(11)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(20)}m_{031}^{(21)}\\
&+2m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(20)}m_{022}^{(11)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(21)}m_{121}^{(21)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(21)}m_{112}^{(11)}\\
&+2m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(22)}m_{130}^{(21)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(22)}m_{121}^{(11)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{112}^{(21)}
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&+4m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{103}^{(11)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{022}^{(20)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{121}^{(21)}\\
&-4m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{112}^{(11)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{031}^{(20)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{211}^{(21)}\\
&-4m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{202}^{(11)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{121}^{(20)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{220}^{(21)}\\
&+4m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{211}^{(11)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{130}^{(20)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{112}^{(11)}\\
&+2m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{022}^{(10)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{121}^{(11)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{031}^{(10)}\\
&+2m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{211}^{(11)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{121}^{(10)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(22)}m_{220}^{(11)}\\
&+2m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(22)}m_{130}^{(10)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{112}^{(20)} - 4m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{103}^{(10)}\\
&+2m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{013}^{(00)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{121}^{(20)} + 4m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{112}^{(10)}\\
&-2m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{022}^{(00)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{211}^{(20)} + 4m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{202}^{(10)}\\
&-2m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{112}^{(00)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(22)}m_{220}^{(20)} - 4m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(22)}m_{211}^{(10)}\\
&+2m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(22)}m_{121}^{(00)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{112}^{(10)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{022}^{(00)}\\
&-2m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{121}^{(10)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{031}^{(00)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{211}^{(10)}\\
&+2m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{121}^{(00)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(22)}m_{220}^{(10)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(22)}m_{130}^{(00)}\\
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&+m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(00)}m_{112}^{(21)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(00)}m_{103}^{(11)} + m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(00)}m_{022}^{(20)}\\
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&+2m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{121}^{(10)} + m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(22)}m_{310}^{(11)} - m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(22)}m_{220}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{020}^{(00)}m_{112}^{(20)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{020}^{(00)}m_{103}^{(10)} - m_{000}^{(20)}m_{001}^{(11)}m_{020}^{(00)}m_{013}^{(00)}\\
&+2m_{000}^{(20)}m_{001}^{(11)}m_{020}^{(20)}m_{211}^{(20)} - 4m_{000}^{(20)}m_{001}^{(11)}m_{020}^{(20)}m_{202}^{(10)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{020}^{(20)}m_{112}^{(00)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{020}^{(22)}m_{310}^{(20)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{020}^{(22)}m_{301}^{(10)} - m_{000}^{(20)}m_{001}^{(11)}m_{020}^{(22)}m_{211}^{(00)}\\
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&-2m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(10)}m_{031}^{(21)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(10)}m_{022}^{(11)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(11)}m_{121}^{(21)}\\
&-2m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(11)}m_{112}^{(11)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(21)}m_{040}^{(20)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(20)}m_{031}^{(11)}\\
&-2m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(21)}m_{130}^{(21)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(21)}m_{121}^{(11)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{121}^{(21)}\\
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&+4m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{202}^{(11)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{121}^{(20)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(20)}m_{130}^{(21)}\\
&+4m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(20)}m_{121}^{(11)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(20)}m_{040}^{(20)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{220}^{(21)}\\
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&-2m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{031}^{(10)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{211}^{(11)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{121}^{(10)}\\
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&+2m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{211}^{(10)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{121}^{(00)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(20)}m_{130}^{(10)}\\
&-2m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(20)}m_{040}^{(00)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(21)}m_{220}^{(10)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(21)}m_{130}^{(00)}\\
&+2m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(00)}m_{031}^{(21)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(00)}m_{022}^{(11)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{121}^{(21)}\\
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&+4m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{112}^{(11)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{031}^{(20)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{211}^{(21)}\\
&-4m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{202}^{(11)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{121}^{(20)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{220}^{(21)}\\
&-4m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{211}^{(11)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{130}^{(20)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{310}^{(21)}\\
&+4m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{301}^{(11)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{220}^{(20)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(00)}m_{121}^{(11)}\\
&+2m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(00)}m_{031}^{(10)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{211}^{(11)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{121}^{(10)}\\
&+2m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(20)}m_{220}^{(11)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(20)}m_{130}^{(10)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(21)}m_{310}^{(11)}\\
&+2m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(21)}m_{220}^{(10)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{121}^{(20)} - 4m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{112}^{(10)}\\
&+2m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{022}^{(00)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{211}^{(20)} + 4m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{202}^{(10)}\\
&-2m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{112}^{(00)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{220}^{(20)} + 4m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{211}^{(10)}\\
&-2m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{121}^{(00)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{310}^{(20)} - 4m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{301}^{(10)}\\
&+2m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{211}^{(00)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{121}^{(10)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{031}^{(00)}\\
&-2m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{211}^{(10)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{121}^{(00)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(20)}m_{220}^{(10)}\\
&+2m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(20)}m_{130}^{(00)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(21)}m_{310}^{(10)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(21)}m_{220}^{(00)}\\
&-m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(00)}m_{040}^{(21)} + m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(00)}m_{031}^{(11)} + 2m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{130}^{(21)}\\
&-2m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{121}^{(11)} - m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{220}^{(21)} + m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{211}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{130}^{(21)} - 2m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{121}^{(11)} + m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{040}^{(20)}\\
&-2m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{220}^{(21)} + 4m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{211}^{(11)} - 2m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{130}^{(20)}\\
&+m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{310}^{(21)} - 2m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{301}^{(11)} + m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{220}^{(20)}\\
&+m_{000}^{(20)}m_{001}^{(22)}m_{101}^{(00)}m_{130}^{(11)} - m_{000}^{(20)}m_{001}^{(22)}m_{101}^{(00)}m_{040}^{(10)} - 2m_{000}^{(20)}m_{001}^{(22)}m_{101}^{(10)}m_{220}^{(11)}\\
&+2m_{000}^{(20)}m_{001}^{(22)}m_{101}^{(10)}m_{130}^{(10)} + m_{000}^{(20)}m_{001}^{(22)}m_{101}^{(11)}m_{310}^{(11)} - m_{000}^{(20)}m_{001}^{(22)}m_{101}^{(11)}m_{220}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{130}^{(20)} + 2m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{121}^{(10)} - m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{031}^{(00)}\\
&+2m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{220}^{(20)} - 4m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{211}^{(10)} + 2m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{121}^{(00)}\\
&-m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(11)}m_{310}^{(20)} + 2m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(11)}m_{301}^{(10)} - m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(11)}m_{211}^{(00)}\\
&-m_{000}^{(20)}m_{001}^{(22)}m_{011}^{(00)}m_{130}^{(10)} + m_{000}^{(20)}m_{001}^{(22)}m_{011}^{(00)}m_{040}^{(00)} + 2m_{000}^{(20)}m_{001}^{(22)}m_{011}^{(10)}m_{220}^{(10)}\\
&-2m_{000}^{(20)}m_{001}^{(22)}m_{011}^{(10)}m_{130}^{(00)} - m_{000}^{(20)}m_{001}^{(22)}m_{011}^{(11)}m_{310}^{(10)} + m_{000}^{(20)}m_{001}^{(22)}m_{011}^{(11)}m_{220}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(11)}m_{112}^{(22)} + m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(11)}m_{103}^{(21)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(11)}m_{013}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(21)}m_{121}^{(22)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(21)}m_{112}^{(21)} + 4m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(21)}m_{022}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(22)}m_{130}^{(22)} + m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(22)}m_{121}^{(21)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(22)}m_{031}^{(20)}\\
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&+m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(11)}m_{112}^{(20)} - m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(11)}m_{103}^{(10)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(21)}m_{121}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(21)}m_{112}^{(10)} + m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(22)}m_{130}^{(20)} - m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(22)}m_{121}^{(10)}\\
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&+2m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(21)}m_{121}^{(10)} + m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(22)}m_{220}^{(11)} - m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(22)}m_{130}^{(10)}\\
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&+2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(20)}m_{121}^{(22)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(20)}m_{112}^{(21)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(20)}m_{022}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(21)}m_{211}^{(22)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(21)}m_{202}^{(21)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(21)}m_{112}^{(20)}\\
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&+2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(22)}m_{220}^{(21)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(22)}m_{211}^{(11)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(22)}m_{121}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(10)}m_{202}^{(22)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(10)}m_{103}^{(20)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(20)}m_{211}^{(22)}\\
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&+2m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(21)}m_{211}^{(20)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(21)}m_{202}^{(10)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(22)}m_{220}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(22)}m_{211}^{(10)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(10)}m_{202}^{(11)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(10)}m_{112}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(20)}m_{211}^{(11)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(20)}m_{121}^{(10)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(21)}m_{301}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(21)}m_{211}^{(10)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(22)}m_{310}^{(11)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(22)}m_{220}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(00)}m_{112}^{(22)} + m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(00)}m_{103}^{(21)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(00)}m_{013}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(20)}m_{211}^{(22)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(20)}m_{202}^{(21)} + 4m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(20)}m_{112}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(22)}m_{310}^{(22)} + m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(22)}m_{301}^{(21)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(22)}m_{211}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(00)}m_{112}^{(21)} - m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(00)}m_{103}^{(11)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(00)}m_{013}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(20)}m_{211}^{(21)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(20)}m_{202}^{(11)} - 4m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(20)}m_{112}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(22)}m_{310}^{(21)} - m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(22)}m_{301}^{(11)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(22)}m_{211}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{020}^{(00)}m_{202}^{(22)} + m_{000}^{(21)}m_{100}^{(11)}m_{020}^{(00)}m_{103}^{(20)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{020}^{(20)}m_{301}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(11)}m_{020}^{(20)}m_{202}^{(20)} - m_{000}^{(21)}m_{100}^{(11)}m_{020}^{(22)}m_{400}^{(22)} + m_{000}^{(21)}m_{100}^{(11)}m_{020}^{(22)}m_{301}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(00)}m_{112}^{(20)} - m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(00)}m_{103}^{(10)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(20)}m_{211}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(20)}m_{202}^{(10)} + m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(22)}m_{310}^{(20)} - m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(22)}m_{301}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(00)}m_{202}^{(11)} - m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(00)}m_{112}^{(10)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(20)}m_{301}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(20)}m_{211}^{(10)} + m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(22)}m_{400}^{(11)} - m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(22)}m_{310}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(10)}m_{121}^{(22)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(10)}m_{112}^{(21)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(10)}m_{022}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(11)}m_{211}^{(22)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(11)}m_{202}^{(21)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(11)}m_{112}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(20)}m_{130}^{(22)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(20)}m_{121}^{(21)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(20)}m_{031}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(21)}m_{220}^{(22)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(21)}m_{211}^{(21)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(21)}m_{121}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(10)}m_{121}^{(21)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(10)}m_{112}^{(11)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(10)}m_{022}^{(10)}
\end{aligned}
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$$+2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(11)}m_{211}^{(21)}+2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(11)}m_{202}^{(11)}-4m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(11)}m_{112}^{(10)}$$
$$+2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(20)}m_{130}^{(21)}+2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(20)}m_{121}^{(11)}-4m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(20)}m_{031}^{(10)}$$
$$-2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(21)}m_{220}^{(21)}-2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(21)}m_{211}^{(11)}+4m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(21)}m_{121}^{(10)}$$
$$-2m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(10)}m_{211}^{(22)}+2m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(10)}m_{112}^{(20)}+2m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(11)}m_{301}^{(22)}$$
$$-2m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(11)}m_{202}^{(20)}+2m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(20)}m_{220}^{(22)}-2m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(20)}m_{121}^{(20)}$$
$$-2m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(21)}m_{310}^{(22)}+2m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(21)}m_{211}^{(20)}+2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(10)}m_{121}^{(20)}$$
$$-2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(10)}m_{112}^{(10)}-2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(11)}m_{211}^{(20)}+2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(11)}m_{202}^{(10)}$$
$$-2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(20)}m_{130}^{(20)}+2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(20)}m_{121}^{(10)}+2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(21)}m_{220}^{(20)}$$
$$-2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(21)}m_{211}^{(10)}+2m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(10)}m_{211}^{(11)}-2m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(10)}m_{121}^{(10)}$$
$$-2m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(11)}m_{301}^{(11)}+2m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(11)}m_{211}^{(10)}-2m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(20)}m_{220}^{(11)}$$
$$+2m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(20)}m_{130}^{(10)}+2m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(21)}m_{310}^{(11)}-2m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(21)}m_{220}^{(10)}$$
$$-2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(00)}m_{121}^{(22)}-2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(00)}m_{112}^{(21)}+4m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(00)}m_{022}^{(20)}$$
$$+2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(10)}m_{211}^{(22)}+2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(10)}m_{202}^{(21)}-4m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(10)}m_{112}^{(20)}$$
$$+2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(20)}m_{220}^{(22)}+2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(20)}m_{211}^{(21)}-4m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(20)}m_{121}^{(20)}$$
$$-2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(21)}m_{310}^{(22)}-2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(21)}m_{301}^{(21)}+4m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(21)}m_{211}^{(20)}$$
$$+2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(00)}m_{121}^{(21)}+2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(00)}m_{112}^{(11)}-4m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(00)}m_{022}^{(10)}$$
$$-2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(10)}m_{211}^{(21)}-2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(10)}m_{202}^{(11)}+4m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(10)}m_{112}^{(10)}$$
$$-2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(20)}m_{220}^{(21)}-2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(20)}m_{211}^{(11)}+4m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(20)}m_{121}^{(10)}$$
$$+2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(21)}m_{310}^{(21)}+2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(21)}m_{301}^{(11)}-4m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(21)}m_{211}^{(10)}$$
$$+2m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(00)}m_{211}^{(22)}-2m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(00)}m_{112}^{(20)}-2m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(10)}m_{301}^{(22)}$$
$$+2m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(10)}m_{202}^{(20)}-2m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(20)}m_{310}^{(22)}+2m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(20)}m_{211}^{(20)}$$
$$+2m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(21)}m_{400}^{(22)}-2m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(21)}m_{301}^{(20)}-2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(00)}m_{121}^{(20)}$$
$$+2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(00)}m_{112}^{(10)}+2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(10)}m_{211}^{(20)}-2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(10)}m_{202}^{(10)}$$
$$+2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(20)}m_{220}^{(20)}-2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(20)}m_{211}^{(10)}-2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(21)}m_{310}^{(20)}$$
$$+2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(21)}m_{301}^{(10)}-2m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(00)}m_{211}^{(11)}+2m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(00)}m_{121}^{(10)}$$
$$+2m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(10)}m_{301}^{(11)}-2m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(10)}m_{211}^{(10)}+2m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(20)}m_{310}^{(11)}$$
$$-2m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(20)}m_{220}^{(10)}-2m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(21)}m_{400}^{(11)}+2m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(21)}m_{310}^{(10)}$$
$$+m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(00)}m_{130}^{(22)}+m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(00)}m_{121}^{(21)}-2m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(00)}m_{031}^{(20)}$$
$$-2m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{220}^{(22)}-2m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{211}^{(21)}+4m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{121}^{(20)}$$
$$+m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(11)}m_{310}^{(22)}+m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(11)}m_{301}^{(21)}-2m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(11)}m_{211}^{(20)}$$
$$-m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(00)}m_{130}^{(21)}-m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(00)}m_{121}^{(11)}+2m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(00)}m_{031}^{(10)}$$
$$+2m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(10)}m_{220}^{(21)}+2m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(10)}m_{211}^{(11)}-4m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(10)}m_{121}^{(10)}$$
$$-m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(11)}m_{310}^{(21)}-m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(11)}m_{301}^{(11)}+2m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(11)}m_{211}^{(10)}$$
$$-m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(00)}m_{220}^{(22)}+m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(00)}m_{121}^{(20)}+2m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(10)}m_{310}^{(22)}$$
$$-2m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(10)}m_{211}^{(20)}-m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(11)}m_{400}^{(22)}+m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(11)}m_{301}^{(20)}$$
$$+m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(00)}m_{130}^{(20)}-m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(00)}m_{121}^{(10)}-2m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(10)}m_{220}^{(20)}$$
$$+2m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(10)}m_{211}^{(10)}+m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(11)}m_{310}^{(20)}-m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(11)}m_{301}^{(10)}$$
$$+m_{000}^{(21)}m_{100}^{(22)}m_{002}^{(00)}m_{220}^{(11)}-m_{000}^{(21)}m_{100}^{(22)}m_{002}^{(00)}m_{130}^{(10)}-2m_{000}^{(21)}m_{100}^{(22)}m_{002}^{(10)}m_{310}^{(11)}$$

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\begin{aligned}
&+2m_{000}^{(21)}m_{100}^{(22)}m_{002}^{(10)}m_{220}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{002}^{(11)}m_{400}^{(11)} - m_{000}^{(21)}m_{100}^{(22)}m_{002}^{(11)}m_{310}^{(10)} \\
&-m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(11)}m_{112}^{(22)} - m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(11)}m_{103}^{(21)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(11)}m_{013}^{(20)} \\
&+2m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(21)}m_{121}^{(22)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(21)}m_{112}^{(21)} - 4m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(21)}m_{022}^{(20)} \\
&-m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(22)}m_{130}^{(22)} - m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(22)}m_{121}^{(21)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(22)}m_{031}^{(20)} \\
&+m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(11)}m_{202}^{(22)} - m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(11)}m_{103}^{(20)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(21)}m_{211}^{(22)} \\
&+2m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(21)}m_{112}^{(20)} + m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(22)}m_{220}^{(22)} - m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(22)}m_{121}^{(20)} \\
&+m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(11)}m_{202}^{(21)} + m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(11)}m_{103}^{(10)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(11)}m_{013}^{(00)} \\
&-2m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(21)}m_{211}^{(21)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(21)}m_{112}^{(10)} + 4m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(21)}m_{022}^{(00)} \\
&+m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(22)}m_{220}^{(21)} + m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(22)}m_{121}^{(10)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(22)}m_{031}^{(00)} \\
&-m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(11)}m_{202}^{(20)} + m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(11)}m_{103}^{(00)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(21)}m_{211}^{(20)} \\
&-2m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(21)}m_{112}^{(00)} - m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(22)}m_{220}^{(20)} + m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(22)}m_{121}^{(00)} \\
&-m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(11)}m_{202}^{(10)} + m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(11)}m_{112}^{(00)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(21)}m_{211}^{(10)} \\
&-2m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(21)}m_{121}^{(00)} - m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(22)}m_{220}^{(10)} + m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(22)}m_{130}^{(00)} \\
&+2m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(10)}m_{112}^{(22)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(10)}m_{103}^{(21)} - 4m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(10)}m_{013}^{(20)} \\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(20)}m_{121}^{(22)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(20)}m_{112}^{(21)} + 4m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(20)}m_{022}^{(20)} \\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(21)}m_{211}^{(22)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(21)}m_{202}^{(21)} + 4m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(21)}m_{112}^{(20)} \\
&+2m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(22)}m_{220}^{(22)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(22)}m_{211}^{(21)} - 4m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(22)}m_{121}^{(20)} \\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(10)}m_{202}^{(22)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(10)}m_{103}^{(20)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{211}^{(22)} \\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{112}^{(20)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(21)}m_{301}^{(22)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(21)}m_{202}^{(20)} \\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(22)}m_{310}^{(22)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(22)}m_{211}^{(20)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(10)}m_{202}^{(21)} \\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(10)}m_{103}^{(10)} + 4m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(10)}m_{013}^{(00)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{211}^{(21)} \\
&+2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{112}^{(10)} - 4m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{022}^{(00)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{301}^{(21)} \\
&+2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{202}^{(10)} - 4m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{112}^{(00)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(22)}m_{310}^{(21)} \\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(22)}m_{211}^{(10)} + 4m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(22)}m_{121}^{(00)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(10)}m_{202}^{(20)} \\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(10)}m_{103}^{(00)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{211}^{(20)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{112}^{(00)} \\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(21)}m_{301}^{(20)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(21)}m_{202}^{(00)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(22)}m_{310}^{(20)} \\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(22)}m_{211}^{(00)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{202}^{(10)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{112}^{(00)} \\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(20)}m_{211}^{(10)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(20)}m_{121}^{(00)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(21)}m_{301}^{(10)} \\
&+2m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(21)}m_{211}^{(00)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(22)}m_{310}^{(10)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(22)}m_{220}^{(00)} \\
&-m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(00)}m_{112}^{(22)} - m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(00)}m_{103}^{(21)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(00)}m_{013}^{(20)} \\
&+2m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(20)}m_{211}^{(22)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(20)}m_{202}^{(21)} - 4m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(20)}m_{112}^{(20)} \\
&-m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(22)}m_{310}^{(22)} - m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(22)}m_{301}^{(21)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(22)}m_{211}^{(20)} \\
&+m_{000}^{(21)}m_{010}^{(11)}m_{110}^{(00)}m_{202}^{(22)} - m_{000}^{(21)}m_{010}^{(11)}m_{110}^{(00)}m_{103}^{(20)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{110}^{(20)}m_{301}^{(22)} \\
&+2m_{000}^{(21)}m_{010}^{(11)}m_{110}^{(20)}m_{202}^{(20)} + m_{000}^{(21)}m_{010}^{(11)}m_{110}^{(22)}m_{400}^{(22)} - m_{000}^{(21)}m_{010}^{(11)}m_{110}^{(22)}m_{301}^{(20)} \\
&+m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(00)}m_{202}^{(21)} + m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(00)}m_{103}^{(10)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(00)}m_{013}^{(00)} \\
&-2m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{301}^{(21)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{202}^{(10)} + 4m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{112}^{(00)} \\
&+m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(22)}m_{400}^{(21)} + m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(22)}m_{301}^{(10)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(22)}m_{211}^{(00)} \\
&-m_{000}^{(21)}m_{010}^{(11)}m_{011}^{(00)}m_{202}^{(20)} + m_{000}^{(21)}m_{010}^{(11)}m_{011}^{(00)}m_{103}^{(00)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{011}^{(20)}m_{301}^{(20)}
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&-2m_{000}^{(21)}m_{010}^{(11)}m_{011}^{(20)}m_{202}^{(00)} - m_{000}^{(21)}m_{010}^{(11)}m_{011}^{(22)}m_{400}^{(20)} + m_{000}^{(21)}m_{010}^{(11)}m_{011}^{(22)}m_{301}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(11)}m_{002}^{(00)}m_{202}^{(10)} + m_{000}^{(21)}m_{010}^{(11)}m_{002}^{(00)}m_{112}^{(00)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{002}^{(20)}m_{301}^{(10)}\\
&-2m_{000}^{(21)}m_{010}^{(11)}m_{002}^{(20)}m_{211}^{(00)} - m_{000}^{(21)}m_{010}^{(11)}m_{002}^{(22)}m_{400}^{(10)} + m_{000}^{(21)}m_{010}^{(11)}m_{002}^{(22)}m_{310}^{(00)}\\
&-2m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(10)}m_{121}^{(22)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(10)}m_{112}^{(21)} + 4m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(10)}m_{022}^{(20)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(11)}m_{211}^{(22)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(11)}m_{202}^{(21)} - 4m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(11)}m_{112}^{(20)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(20)}m_{130}^{(22)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(20)}m_{121}^{(21)} - 4m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(20)}m_{031}^{(20)}\\
&-2m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{220}^{(22)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{211}^{(21)} + 4m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{121}^{(20)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(10)}m_{211}^{(22)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(10)}m_{112}^{(20)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(11)}m_{301}^{(22)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(11)}m_{202}^{(20)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{220}^{(22)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{121}^{(20)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{310}^{(22)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{211}^{(20)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{211}^{(21)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{112}^{(10)} - 4m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{022}^{(00)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(11)}m_{301}^{(21)}\\
&-2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(11)}m_{202}^{(10)} + 4m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(11)}m_{112}^{(00)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{220}^{(21)}\\
&-2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{121}^{(10)} + 4m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{031}^{(00)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{310}^{(21)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{211}^{(10)} - 4m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{121}^{(00)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{211}^{(20)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{112}^{(00)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(11)}m_{301}^{(20)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(11)}m_{202}^{(00)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{220}^{(20)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{121}^{(00)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(21)}m_{310}^{(20)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(21)}m_{211}^{(00)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(10)}m_{211}^{(10)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(10)}m_{121}^{(00)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(11)}m_{301}^{(10)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(11)}m_{211}^{(00)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(20)}m_{220}^{(10)}\\
&-2m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(20)}m_{130}^{(00)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(21)}m_{310}^{(10)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(21)}m_{220}^{(00)}\\
&+2m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(00)}m_{121}^{(22)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(00)}m_{112}^{(21)} - 4m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(00)}m_{022}^{(20)}\\
&-2m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(10)}m_{211}^{(22)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(10)}m_{202}^{(21)} + 4m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(10)}m_{112}^{(20)}\\
&-2m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{220}^{(22)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{211}^{(21)} + 4m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{121}^{(20)}\\
&+2m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(21)}m_{310}^{(22)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(21)}m_{301}^{(21)} - 4m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(21)}m_{211}^{(20)}\\
&-2m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(00)}m_{211}^{(22)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(00)}m_{112}^{(20)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(10)}m_{301}^{(22)}\\
&-2m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(10)}m_{202}^{(20)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(20)}m_{310}^{(22)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(20)}m_{211}^{(20)}\\
&-2m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(21)}m_{400}^{(22)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(21)}m_{301}^{(20)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{211}^{(21)}\\
&-2m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{112}^{(10)} + 4m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{022}^{(00)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{301}^{(21)}\\
&+2m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{202}^{(10)} - 4m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{112}^{(00)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{310}^{(21)}\\
&+2m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{211}^{(10)} - 4m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{121}^{(00)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(21)}m_{400}^{(21)}\\
&-2m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(21)}m_{301}^{(10)} + 4m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(21)}m_{211}^{(00)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(00)}m_{211}^{(20)}\\
&-2m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(00)}m_{112}^{(00)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(10)}m_{301}^{(20)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(10)}m_{202}^{(00)}\\
&-2m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(20)}m_{310}^{(20)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(20)}m_{211}^{(00)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(21)}m_{400}^{(20)}\\
&-2m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(21)}m_{301}^{(00)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{002}^{(00)}m_{211}^{(10)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{002}^{(00)}m_{121}^{(00)}\\
&-2m_{000}^{(21)}m_{010}^{(21)}m_{002}^{(10)}m_{301}^{(10)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{002}^{(10)}m_{211}^{(00)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{002}^{(20)}m_{310}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(21)}m_{002}^{(20)}m_{220}^{(00)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{002}^{(21)}m_{400}^{(10)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{002}^{(21)}m_{310}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(00)}m_{130}^{(22)} - m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(00)}m_{121}^{(21)} + 2m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(00)}m_{031}^{(20)}\\
&+2m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{220}^{(22)} + 2m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{211}^{(21)} - 4m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{121}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(11)}m_{310}^{(22)} - m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(11)}m_{301}^{(21)} + 2m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(11)}m_{211}^{(20)}
\end{aligned}
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$$+m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(00)}m_{220}^{(22)}-m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(00)}m_{121}^{(20)}-2m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{310}^{(22)}$$
$$+2m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{211}^{(20)}+m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(11)}m_{400}^{(22)}-m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(11)}m_{301}^{(20)}$$
$$+m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(00)}m_{220}^{(21)}+m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(00)}m_{121}^{(10)}-2m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(00)}m_{031}^{(00)}$$
$$-2m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{310}^{(21)}-2m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{211}^{(10)}+4m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{121}^{(00)}$$
$$+m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(11)}m_{400}^{(21)}+m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(11)}m_{301}^{(10)}-2m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(11)}m_{211}^{(00)}$$
$$-m_{000}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{220}^{(20)}+m_{000}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{121}^{(00)}+2m_{000}^{(21)}m_{010}^{(22)}m_{011}^{(10)}m_{310}^{(20)}$$
$$-2m_{000}^{(21)}m_{010}^{(22)}m_{011}^{(10)}m_{211}^{(00)}-m_{000}^{(21)}m_{010}^{(22)}m_{011}^{(11)}m_{400}^{(20)}+m_{000}^{(21)}m_{010}^{(22)}m_{011}^{(11)}m_{301}^{(00)}$$
$$-m_{000}^{(21)}m_{010}^{(22)}m_{002}^{(00)}m_{220}^{(10)}+m_{000}^{(21)}m_{010}^{(22)}m_{002}^{(00)}m_{130}^{(00)}+2m_{000}^{(21)}m_{010}^{(22)}m_{002}^{(10)}m_{310}^{(10)}$$
$$-2m_{000}^{(21)}m_{010}^{(22)}m_{002}^{(10)}m_{220}^{(00)}-m_{000}^{(21)}m_{010}^{(22)}m_{002}^{(11)}m_{400}^{(10)}+m_{000}^{(21)}m_{010}^{(22)}m_{002}^{(11)}m_{310}^{(00)}$$
$$+m_{000}^{(21)}m_{001}^{(00)}m_{200}^{(11)}m_{112}^{(21)}+m_{000}^{(21)}m_{001}^{(00)}m_{200}^{(11)}m_{103}^{(11)}-2m_{000}^{(21)}m_{001}^{(00)}m_{200}^{(11)}m_{013}^{(10)}$$
$$-2m_{000}^{(21)}m_{001}^{(00)}m_{200}^{(21)}m_{121}^{(21)}-2m_{000}^{(21)}m_{001}^{(00)}m_{200}^{(21)}m_{112}^{(11)}+4m_{000}^{(21)}m_{001}^{(00)}m_{200}^{(21)}m_{022}^{(10)}$$
$$+m_{000}^{(21)}m_{001}^{(00)}m_{200}^{(22)}m_{130}^{(21)}+m_{000}^{(21)}m_{001}^{(00)}m_{200}^{(22)}m_{121}^{(11)}-2m_{000}^{(21)}m_{001}^{(00)}m_{200}^{(22)}m_{031}^{(10)}$$
$$-m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(11)}m_{202}^{(21)}-m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(11)}m_{112}^{(20)}+2m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(11)}m_{013}^{(00)}$$
$$+2m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{211}^{(21)}+2m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{121}^{(20)}-4m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{022}^{(00)}$$
$$-m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(22)}m_{220}^{(21)}-m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(22)}m_{130}^{(20)}+2m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(22)}m_{031}^{(00)}$$
$$-m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(11)}m_{202}^{(11)}+m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(11)}m_{112}^{(10)}+2m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{211}^{(11)}$$
$$-2m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{121}^{(10)}-m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(22)}m_{220}^{(11)}+m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(22)}m_{130}^{(10)}$$
$$+m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(11)}m_{202}^{(20)}-m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(11)}m_{103}^{(00)}-2m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(21)}m_{211}^{(20)}$$
$$+2m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(21)}m_{112}^{(00)}+m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(22)}m_{220}^{(20)}-m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(22)}m_{121}^{(00)}$$
$$+m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{202}^{(10)}-m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(11)}m_{112}^{(00)}-2m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{211}^{(10)}$$
$$+2m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{121}^{(00)}+m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(22)}m_{220}^{(10)}-m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(22)}m_{130}^{(00)}$$
$$-2m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(10)}m_{112}^{(21)}-2m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(10)}m_{103}^{(11)}+4m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(10)}m_{013}^{(10)}$$
$$+2m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{121}^{(21)}+2m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{112}^{(11)}-4m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{022}^{(10)}$$
$$+2m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{211}^{(21)}+2m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{202}^{(11)}-4m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{112}^{(10)}$$
$$-2m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(22)}m_{220}^{(21)}-2m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(22)}m_{211}^{(11)}+4m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(22)}m_{121}^{(10)}$$
$$+2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{202}^{(21)}+2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{112}^{(20)}-4m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{013}^{(00)}$$
$$-2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{211}^{(21)}-2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{121}^{(20)}+4m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{022}^{(00)}$$
$$-2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{301}^{(21)}-2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{211}^{(20)}+4m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{112}^{(00)}$$
$$+2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(22)}m_{310}^{(21)}+2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(22)}m_{220}^{(20)}-4m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(22)}m_{121}^{(00)}$$
$$+2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{202}^{(11)}-2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{112}^{(10)}-2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{211}^{(11)}$$
$$+2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{121}^{(10)}-2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{301}^{(11)}+2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{211}^{(10)}$$
$$+2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(22)}m_{310}^{(11)}-2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(22)}m_{220}^{(10)}-2m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(20)}m_{202}^{(20)}$$
$$+2m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(10)}m_{103}^{(00)}+2m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(20)}m_{211}^{(20)}-2m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(20)}m_{112}^{(00)}$$
$$+2m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(21)}m_{301}^{(20)}-2m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(21)}m_{202}^{(00)}-2m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(22)}m_{310}^{(20)}$$
$$+2m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(22)}m_{211}^{(00)}-2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{202}^{(10)}+2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{112}^{(00)}$$
$$+2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{211}^{(10)}-2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{121}^{(00)}+2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{301}^{(10)}$$
$$-2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{211}^{(00)}-2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(22)}m_{310}^{(10)}+2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(22)}m_{220}^{(00)}$$
$$+m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(00)}m_{112}^{(21)}+m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(00)}m_{103}^{(11)}-2m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(00)}m_{013}^{(10)}$$

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\begin{aligned}
&-2m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{211}^{(21)} - 2m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{202}^{(11)} + 4m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{112}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(22)}m_{310}^{(21)} + m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(22)}m_{301}^{(11)} - 2m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(22)}m_{211}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(00)}m_{202}^{(21)} - m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(00)}m_{112}^{(20)} + 2m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(00)}m_{013}^{(00)}\\
&+2m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{301}^{(21)} + 2m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{211}^{(20)} - 4m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{112}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(22)}m_{400}^{(21)} - m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(22)}m_{310}^{(20)} + 2m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(22)}m_{211}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{202}^{(11)} + m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{112}^{(10)} + 2m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{301}^{(11)}\\
&-2m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{211}^{(10)} - m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(22)}m_{400}^{(11)} + m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(22)}m_{310}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{020}^{(00)}m_{202}^{(20)} - m_{000}^{(21)}m_{001}^{(11)}m_{020}^{(00)}m_{103}^{(00)} - 2m_{000}^{(21)}m_{001}^{(11)}m_{020}^{(20)}m_{301}^{(20)}\\
&+2m_{000}^{(21)}m_{001}^{(11)}m_{020}^{(20)}m_{202}^{(00)} + m_{000}^{(21)}m_{001}^{(11)}m_{020}^{(22)}m_{400}^{(20)} - m_{000}^{(21)}m_{001}^{(11)}m_{020}^{(22)}m_{301}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(00)}m_{202}^{(10)} - m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(00)}m_{112}^{(00)} - 2m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(20)}m_{301}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(20)}m_{211}^{(00)} + m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(22)}m_{400}^{(10)} - m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(22)}m_{310}^{(00)}\\
&+2m_{000}^{(21)}m_{001}^{(20)}m_{001}^{(10)}m_{200}^{(21)}m_{121}^{(21)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{112}^{(11)} - 4m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{022}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{211}^{(21)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{202}^{(11)} + 4m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{112}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{130}^{(21)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{121}^{(11)} + 4m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{031}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{220}^{(21)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{211}^{(11)} - 4m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{121}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{211}^{(21)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{121}^{(20)} + 4m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{022}^{(00)}\\
&+2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{301}^{(21)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{211}^{(20)} - 4m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{112}^{(00)}\\
&+2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{220}^{(21)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{130}^{(20)} - 4m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{031}^{(00)}\\
&-2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{310}^{(21)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{220}^{(20)} + 4m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{121}^{(00)}\\
&-2m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{211}^{(11)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{121}^{(10)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{301}^{(11)}\\
&-2m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{211}^{(10)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(20)}m_{220}^{(11)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(20)}m_{130}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(21)}m_{310}^{(11)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(21)}m_{220}^{(10)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{211}^{(20)}\\
&-2m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{112}^{(00)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(11)}m_{301}^{(20)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(11)}m_{202}^{(00)}\\
&-2m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{220}^{(20)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{121}^{(00)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(21)}m_{310}^{(20)}\\
&-2m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(21)}m_{211}^{(00)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{211}^{(10)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{121}^{(00)}\\
&-2m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(11)}m_{301}^{(10)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(11)}m_{211}^{(00)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(20)}m_{220}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(20)}m_{130}^{(00)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(21)}m_{310}^{(10)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(21)}m_{220}^{(00)}\\
&-2m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{121}^{(21)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{112}^{(11)} + 4m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{022}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{211}^{(21)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{202}^{(11)} - 4m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{112}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{220}^{(21)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{211}^{(11)} - 4m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{121}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{310}^{(21)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{301}^{(11)} + 4m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{211}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{211}^{(21)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{121}^{(20)} - 4m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{022}^{(00)}\\
&-2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{301}^{(21)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{211}^{(20)} + 4m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{112}^{(00)}\\
&-2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{310}^{(21)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{220}^{(20)} + 4m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{121}^{(00)}\\
&+2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{400}^{(21)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{310}^{(20)} - 4m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{211}^{(00)}\\
&+2m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{211}^{(11)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{121}^{(10)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{301}^{(11)}\\
&+2m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{211}^{(10)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(20)}m_{310}^{(11)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(20)}m_{220}^{(10)}\\
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&+2m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{310}^{(20)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{211}^{(00)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(21)}m_{400}^{(20)}\\
&+2m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(21)}m_{301}^{(00)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{211}^{(10)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{121}^{(00)}\\
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&+2m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(11)}m_{211}^{(20)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(20)}m_{220}^{(21)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(20)}m_{130}^{(20)}\\
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&-2m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(20)}m_{121}^{(10)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(20)}m_{031}^{(00)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(21)}m_{211}^{(10)}\\
&+2m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(21)}m_{121}^{(00)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(22)}m_{220}^{(10)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(22)}m_{130}^{(00)}\\
&-2m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(10)}m_{202}^{(10)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(10)}m_{112}^{(00)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(20)}m_{211}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(20)}m_{121}^{(00)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(21)}m_{301}^{(10)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(21)}m_{211}^{(00)}\\
&-2m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(22)}m_{310}^{(10)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(22)}m_{220}^{(00)} + m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(00)}m_{112}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(00)}m_{022}^{(20)} - 2m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(20)}m_{211}^{(21)} + 2m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(20)}m_{121}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(22)}m_{310}^{(21)} - m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(22)}m_{220}^{(20)} - m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(00)}m_{202}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(00)}m_{112}^{(20)} + 2m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(20)}m_{301}^{(21)} - 2m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(20)}m_{211}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(22)}m_{400}^{(21)} + m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(22)}m_{310}^{(20)} - m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(00)}m_{112}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(00)}m_{022}^{(00)} + 2m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(20)}m_{211}^{(10)} - 2m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(20)}m_{121}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(22)}m_{310}^{(10)} + m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(22)}m_{220}^{(00)} + m_{000}^{(22)}m_{010}^{(11)}m_{011}^{(00)}m_{202}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{011}^{(00)}m_{112}^{(00)} - 2m_{000}^{(22)}m_{010}^{(11)}m_{011}^{(20)}m_{301}^{(10)} + 2m_{000}^{(22)}m_{010}^{(11)}m_{011}^{(20)}m_{211}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{011}^{(22)}m_{400}^{(10)} - m_{000}^{(22)}m_{010}^{(11)}m_{011}^{(22)}m_{310}^{(00)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(10)}m_{121}^{(21)}\\
&-2m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(10)}m_{031}^{(20)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(11)}m_{211}^{(21)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(11)}m_{121}^{(20)}\\
&-2m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(20)}m_{130}^{(21)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(20)}m_{040}^{(20)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(21)}m_{220}^{(21)}\\
&-2m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(21)}m_{130}^{(20)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(10)}m_{211}^{(21)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(10)}m_{121}^{(20)}\\
&+2m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(11)}m_{301}^{(21)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(11)}m_{211}^{(20)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(20)}m_{220}^{(21)}\\
&-2m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(20)}m_{130}^{(20)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(21)}m_{310}^{(21)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(21)}m_{220}^{(20)}\\
&-2m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(10)}m_{121}^{(10)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(10)}m_{031}^{(00)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(11)}m_{211}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(11)}m_{121}^{(00)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(20)}m_{130}^{(10)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(20)}m_{040}^{(00)}\\
&-2m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(21)}m_{220}^{(10)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(21)}m_{130}^{(00)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{211}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{121}^{(00)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(11)}m_{301}^{(10)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(11)}m_{211}^{(00)}\\
&-2m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(20)}m_{220}^{(10)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(20)}m_{130}^{(00)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(21)}m_{310}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(21)}m_{220}^{(00)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(00)}m_{121}^{(21)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(00)}m_{031}^{(20)}\\
&+2m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(10)}m_{211}^{(21)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(10)}m_{121}^{(20)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(20)}m_{220}^{(21)}\\
&-2m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(20)}m_{130}^{(20)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(21)}m_{310}^{(21)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(21)}m_{220}^{(20)}\\
&+2m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(00)}m_{211}^{(21)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(00)}m_{121}^{(20)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{301}^{(21)}
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\begin{aligned}
&+2m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{211}^{(20)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(20)}m_{310}^{(21)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(20)}m_{220}^{(20)}\\
&+2m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(21)}m_{400}^{(21)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(21)}m_{310}^{(20)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(00)}m_{121}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(00)}m_{031}^{(00)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(10)}m_{211}^{(10)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(10)}m_{121}^{(00)}\\
&-2m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(20)}m_{220}^{(10)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(20)}m_{130}^{(00)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(21)}m_{310}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(21)}m_{220}^{(00)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(00)}m_{211}^{(10)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(00)}m_{121}^{(00)}\\
&+2m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(10)}m_{301}^{(10)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(10)}m_{211}^{(00)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(20)}m_{310}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(20)}m_{220}^{(00)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(21)}m_{400}^{(10)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(21)}m_{310}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(22)}m_{200}^{(00)}m_{130}^{(21)} - m_{000}^{(22)}m_{010}^{(22)}m_{200}^{(00)}m_{040}^{(20)} - 2m_{000}^{(22)}m_{010}^{(22)}m_{200}^{(10)}m_{220}^{(21)}\\
&+2m_{000}^{(22)}m_{010}^{(22)}m_{200}^{(10)}m_{130}^{(20)} + m_{000}^{(22)}m_{010}^{(22)}m_{200}^{(11)}m_{310}^{(21)} - m_{000}^{(22)}m_{010}^{(22)}m_{200}^{(11)}m_{220}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(22)}m_{110}^{(00)}m_{220}^{(21)} + m_{000}^{(22)}m_{010}^{(22)}m_{110}^{(00)}m_{130}^{(20)} + 2m_{000}^{(22)}m_{010}^{(22)}m_{110}^{(10)}m_{310}^{(21)}\\
&-2m_{000}^{(22)}m_{010}^{(22)}m_{110}^{(10)}m_{220}^{(20)} - m_{000}^{(22)}m_{010}^{(22)}m_{110}^{(11)}m_{400}^{(21)} + m_{000}^{(22)}m_{010}^{(22)}m_{110}^{(11)}m_{310}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(22)}m_{101}^{(00)}m_{130}^{(10)} + m_{000}^{(22)}m_{010}^{(22)}m_{101}^{(00)}m_{040}^{(00)} + 2m_{000}^{(22)}m_{010}^{(22)}m_{101}^{(10)}m_{220}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(22)}m_{101}^{(10)}m_{130}^{(00)} - m_{000}^{(22)}m_{010}^{(22)}m_{101}^{(11)}m_{310}^{(10)} + m_{000}^{(22)}m_{010}^{(22)}m_{101}^{(11)}m_{220}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(22)}m_{011}^{(00)}m_{220}^{(10)} - m_{000}^{(22)}m_{010}^{(22)}m_{011}^{(00)}m_{130}^{(00)} - 2m_{000}^{(22)}m_{010}^{(22)}m_{011}^{(10)}m_{310}^{(10)}\\
&+2m_{000}^{(22)}m_{010}^{(22)}m_{011}^{(10)}m_{220}^{(00)} + m_{000}^{(22)}m_{010}^{(22)}m_{011}^{(11)}m_{400}^{(10)} - m_{000}^{(22)}m_{010}^{(22)}m_{011}^{(11)}m_{310}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(00)}m_{200}^{(11)}m_{112}^{(11)} + m_{000}^{(22)}m_{001}^{(00)}m_{200}^{(11)}m_{022}^{(10)} + 2m_{000}^{(22)}m_{001}^{(00)}m_{200}^{(21)}m_{121}^{(11)}\\
&-2m_{000}^{(22)}m_{001}^{(00)}m_{200}^{(21)}m_{031}^{(10)} - m_{000}^{(22)}m_{001}^{(00)}m_{200}^{(22)}m_{130}^{(11)} + m_{000}^{(22)}m_{001}^{(00)}m_{200}^{(22)}m_{040}^{(10)}\\
&+m_{000}^{(22)}m_{001}^{(00)}m_{110}^{(11)}m_{202}^{(11)} - m_{000}^{(22)}m_{001}^{(00)}m_{110}^{(11)}m_{022}^{(00)} - 2m_{000}^{(22)}m_{001}^{(00)}m_{110}^{(21)}m_{211}^{(11)}\\
&+2m_{000}^{(22)}m_{001}^{(00)}m_{110}^{(21)}m_{031}^{(00)} + m_{000}^{(22)}m_{001}^{(00)}m_{110}^{(22)}m_{220}^{(11)} - m_{000}^{(22)}m_{001}^{(00)}m_{110}^{(22)}m_{040}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(00)}m_{020}^{(11)}m_{202}^{(10)} + m_{000}^{(22)}m_{001}^{(00)}m_{020}^{(11)}m_{112}^{(00)} + 2m_{000}^{(22)}m_{001}^{(00)}m_{020}^{(21)}m_{211}^{(10)}\\
&-2m_{000}^{(22)}m_{001}^{(00)}m_{020}^{(21)}m_{121}^{(00)} - m_{000}^{(22)}m_{001}^{(00)}m_{020}^{(22)}m_{220}^{(10)} + m_{000}^{(22)}m_{001}^{(00)}m_{020}^{(22)}m_{130}^{(00)}\\
&+2m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(10)}m_{112}^{(11)} - 2m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(10)}m_{022}^{(10)} - 2m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(20)}m_{121}^{(11)}\\
&+2m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(20)}m_{031}^{(10)} - 2m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(21)}m_{211}^{(11)} + 2m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(21)}m_{121}^{(10)}\\
&+2m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(22)}m_{220}^{(11)} - 2m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(22)}m_{130}^{(10)} - 2m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{202}^{(11)}\\
&+2m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{022}^{(00)} + 2m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(20)}m_{211}^{(11)} - 2m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(20)}m_{031}^{(00)}\\
&+2m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(21)}m_{301}^{(11)} - 2m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(21)}m_{121}^{(00)} - 2m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(22)}m_{310}^{(11)}\\
&+2m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(22)}m_{130}^{(00)} + 2m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(10)}m_{202}^{(10)} - 2m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(10)}m_{112}^{(00)}\\
&-2m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(20)}m_{211}^{(10)} + 2m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(20)}m_{121}^{(00)} - 2m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(21)}m_{301}^{(10)}\\
&+2m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(21)}m_{211}^{(00)} + 2m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(22)}m_{310}^{(10)} - 2m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(22)}m_{220}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(00)}m_{112}^{(11)} + m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(00)}m_{022}^{(10)} + 2m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(20)}m_{211}^{(11)}\\
&-2m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(20)}m_{121}^{(10)} - m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(22)}m_{310}^{(11)} + m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(22)}m_{220}^{(10)}\\
&+m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(00)}m_{202}^{(11)} - m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(00)}m_{022}^{(00)} - 2m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(20)}m_{301}^{(11)}\\
&+2m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(20)}m_{121}^{(00)} + m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(22)}m_{400}^{(11)} - m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(22)}m_{220}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(11)}m_{020}^{(00)}m_{202}^{(10)} + m_{000}^{(22)}m_{001}^{(11)}m_{020}^{(00)}m_{112}^{(00)} + 2m_{000}^{(22)}m_{001}^{(11)}m_{020}^{(20)}m_{301}^{(10)}\\
&-2m_{000}^{(22)}m_{001}^{(11)}m_{020}^{(20)}m_{211}^{(00)} - m_{000}^{(22)}m_{001}^{(11)}m_{020}^{(22)}m_{400}^{(10)} + m_{000}^{(22)}m_{001}^{(11)}m_{020}^{(22)}m_{310}^{(00)}\\
&-2m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(10)}m_{121}^{(11)} + 2m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(10)}m_{031}^{(10)} + 2m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{211}^{(11)}\\
&-2m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{121}^{(10)} + 2m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(20)}m_{130}^{(11)} - 2m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(20)}m_{040}^{(10)}\\
&-2m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(21)}m_{220}^{(11)} + 2m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(21)}m_{130}^{(10)} + 2m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{211}^{(11)}
\end{aligned}
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\begin{array}{l}
-2m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{031}^{(00)} - 2m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{301}^{(11)} + 2m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{121}^{(00)} \\
-2m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(20)}m_{220}^{(11)} + 2m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(20)}m_{040}^{(00)} + 2m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(21)}m_{310}^{(11)} \\
-2m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(21)}m_{130}^{(00)} - 2m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{211}^{(10)} + 2m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{121}^{(00)} \\
+2m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(11)}m_{301}^{(10)} - 2m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(11)}m_{211}^{(00)} + 2m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(20)}m_{220}^{(10)} \\
-2m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(20)}m_{130}^{(00)} - 2m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(21)}m_{310}^{(10)} + 2m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(21)}m_{220}^{(00)} \\
+2m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(00)}m_{121}^{(11)} - 2m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(00)}m_{031}^{(10)} - 2m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{211}^{(11)} \\
+2m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{121}^{(10)} - 2m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(20)}m_{220}^{(11)} + 2m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(20)}m_{130}^{(10)} \\
+2m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(21)}m_{310}^{(11)} - 2m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(21)}m_{220}^{(10)} - 2m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{211}^{(11)} \\
+2m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{031}^{(00)} + 2m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{301}^{(11)} - 2m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{121}^{(00)} \\
+2m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(20)}m_{310}^{(11)} - 2m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(20)}m_{130}^{(00)} - 2m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(21)}m_{400}^{(11)} \\
+2m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(21)}m_{220}^{(00)} + 2m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(10)}m_{211}^{(10)} - 2m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{121}^{(00)} \\
-2m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(10)}m_{301}^{(10)} + 2m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(10)}m_{211}^{(00)} - 2m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(20)}m_{310}^{(10)} \\
+2m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(20)}m_{220}^{(00)} + 2m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(21)}m_{400}^{(10)} - 2m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(21)}m_{310}^{(00)} \\
-m_{000}^{(22)}m_{001}^{(22)}m_{200}^{(00)}m_{130}^{(11)} + m_{000}^{(22)}m_{001}^{(22)}m_{200}^{(00)}m_{040}^{(10)} + 2m_{000}^{(22)}m_{001}^{(22)}m_{200}^{(10)}m_{220}^{(11)} \\
-2m_{000}^{(22)}m_{001}^{(22)}m_{200}^{(10)}m_{130}^{(10)} - m_{000}^{(22)}m_{001}^{(22)}m_{200}^{(11)}m_{310}^{(11)} + m_{000}^{(22)}m_{001}^{(22)}m_{200}^{(11)}m_{220}^{(10)} \\
+m_{000}^{(22)}m_{001}^{(22)}m_{110}^{(00)}m_{220}^{(11)} - m_{000}^{(22)}m_{001}^{(22)}m_{110}^{(00)}m_{040}^{(00)} - 2m_{000}^{(22)}m_{001}^{(22)}m_{110}^{(10)}m_{310}^{(11)} \\
+2m_{000}^{(22)}m_{001}^{(22)}m_{110}^{(10)}m_{130}^{(00)} + m_{000}^{(22)}m_{001}^{(22)}m_{110}^{(11)}m_{400}^{(11)} - m_{000}^{(22)}m_{001}^{(22)}m_{110}^{(11)}m_{220}^{(00)} \\
-m_{000}^{(22)}m_{001}^{(22)}m_{020}^{(00)}m_{220}^{(10)} + m_{000}^{(22)}m_{001}^{(22)}m_{020}^{(00)}m_{130}^{(00)} + 2m_{000}^{(22)}m_{001}^{(22)}m_{020}^{(10)}m_{310}^{(10)} \\
-2m_{000}^{(22)}m_{001}^{(22)}m_{020}^{(10)}m_{220}^{(00)} - m_{000}^{(22)}m_{001}^{(22)}m_{020}^{(11)}m_{400}^{(10)} + m_{000}^{(22)}m_{001}^{(22)}m_{020}^{(11)}m_{310}^{(00)}
\end{array}
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Generating graph:

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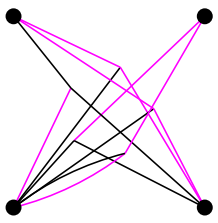
\begin{array}{ccccc}
V1 & 1 & 1 & V1 & 1 \\
1 & V2 & V2 & 2 & V3 \\
V3 & V4 & V4 & 4 & 4
\end{array}
$$



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\begin{array}{rcl}
T_{161} & = & -m_{000}^{(00)}m_{100}^{(00)}m_{020}^{(11)}m_{013}^{(22)} + m_{000}^{(00)}m_{100}^{(00)}m_{020}^{(11)}m_{004}^{(21)} + 2m_{000}^{(00)}m_{100}^{(00)}m_{020}^{(21)}m_{022}^{(22)} \\
 & & -2m_{000}^{(00)}m_{100}^{(00)}m_{020}^{(21)}m_{013}^{(21)} - m_{000}^{(00)}m_{100}^{(00)}m_{020}^{(22)}m_{031}^{(22)} + m_{000}^{(00)}m_{100}^{(00)}m_{020}^{(22)}m_{022}^{(21)} \\
 & & +m_{000}^{(00)}m_{100}^{(00)}m_{011}^{(11)}m_{022}^{(22)} - m_{000}^{(00)}m_{100}^{(00)}m_{011}^{(11)}m_{004}^{(11)} - 2m_{000}^{(00)}m_{100}^{(00)}m_{011}^{(21)}m_{031}^{(22)} \\
 & & +2m_{000}^{(00)}m_{100}^{(00)}m_{011}^{(21)}m_{013}^{(11)} + m_{000}^{(00)}m_{100}^{(00)}m_{011}^{(22)}m_{040}^{(22)} - m_{000}^{(00)}m_{100}^{(00)}m_{011}^{(22)}m_{022}^{(11)}
\end{array}
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\begin{aligned}
&-m_{000}^{(00)}m_{100}^{(00)}m_{002}^{(11)}m_{022}^{(21)}+m_{000}^{(00)}m_{100}^{(00)}m_{002}^{(11)}m_{013}^{(11)}+2m_{000}^{(00)}m_{100}^{(00)}m_{002}^{(21)}m_{031}^{(21)}\\
&-2m_{000}^{(00)}m_{100}^{(00)}m_{002}^{(21)}m_{022}^{(11)}-m_{000}^{(00)}m_{100}^{(00)}m_{002}^{(22)}m_{040}^{(21)}+m_{000}^{(00)}m_{100}^{(00)}m_{002}^{(22)}m_{031}^{(11)}\\
&+2m_{000}^{(00)}m_{100}^{(10)}m_{110}^{(11)}m_{013}^{(22)}-2m_{000}^{(00)}m_{100}^{(10)}m_{110}^{(11)}m_{004}^{(21)}-4m_{000}^{(00)}m_{100}^{(10)}m_{110}^{(21)}m_{022}^{(22)}\\
&+4m_{000}^{(00)}m_{100}^{(10)}m_{110}^{(21)}m_{013}^{(21)}+2m_{000}^{(00)}m_{100}^{(10)}m_{110}^{(22)}m_{031}^{(22)}-2m_{000}^{(00)}m_{100}^{(10)}m_{110}^{(22)}m_{022}^{(21)}\\
&-m_{000}^{(00)}m_{100}^{(10)}m_{101}^{(11)}m_{022}^{(22)}+m_{000}^{(00)}m_{100}^{(10)}m_{101}^{(11)}m_{004}^{(11)}+2m_{000}^{(00)}m_{100}^{(10)}m_{101}^{(21)}m_{031}^{(22)}\\
&-2m_{000}^{(00)}m_{100}^{(10)}m_{101}^{(21)}m_{013}^{(11)}-m_{000}^{(00)}m_{100}^{(10)}m_{101}^{(22)}m_{040}^{(22)}+m_{000}^{(00)}m_{100}^{(10)}m_{101}^{(22)}m_{022}^{(11)}\\
&-m_{000}^{(00)}m_{100}^{(10)}m_{011}^{(11)}m_{112}^{(22)}+m_{000}^{(00)}m_{100}^{(10)}m_{011}^{(11)}m_{103}^{(21)}-m_{000}^{(00)}m_{100}^{(10)}m_{011}^{(11)}m_{013}^{(20)}\\
&+m_{000}^{(00)}m_{100}^{(10)}m_{011}^{(11)}m_{004}^{(10)}+2m_{000}^{(00)}m_{100}^{(10)}m_{011}^{(21)}m_{121}^{(22)}-2m_{000}^{(00)}m_{100}^{(10)}m_{011}^{(21)}m_{112}^{(21)}\\
&+2m_{000}^{(00)}m_{100}^{(10)}m_{011}^{(21)}m_{022}^{(20)}-2m_{000}^{(00)}m_{100}^{(10)}m_{011}^{(21)}m_{013}^{(10)}-m_{000}^{(00)}m_{100}^{(10)}m_{011}^{(22)}m_{130}^{(22)}\\
&+m_{000}^{(00)}m_{100}^{(10)}m_{011}^{(22)}m_{121}^{(21)}-m_{000}^{(00)}m_{100}^{(10)}m_{011}^{(22)}m_{031}^{(20)}+m_{000}^{(00)}m_{100}^{(10)}m_{011}^{(22)}m_{022}^{(10)}\\
&+m_{000}^{(00)}m_{100}^{(10)}m_{002}^{(11)}m_{112}^{(21)}-m_{000}^{(00)}m_{100}^{(10)}m_{002}^{(11)}m_{103}^{(11)}+m_{000}^{(00)}m_{100}^{(10)}m_{002}^{(11)}m_{022}^{(20)}\\
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&+m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(10)}m_{013}^{(20)} - m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(10)}m_{004}^{(10)} - m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(20)}m_{121}^{(22)}\\
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&+m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(22)}m_{211}^{(11)} - m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(22)}m_{130}^{(20)} + m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(22)}m_{121}^{(10)}\\
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&+m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(10)}m_{013}^{(20)} - m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(10)}m_{004}^{(10)} - m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(20)}m_{121}^{(22)}\\
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&-m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(21)}m_{211}^{(22)} + m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(21)}m_{202}^{(21)} - m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(21)}m_{112}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(21)}m_{103}^{(10)} + m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(22)}m_{220}^{(21)} - m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(22)}m_{211}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(22)}m_{121}^{(20)} - m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(22)}m_{112}^{(10)} + m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(10)}m_{112}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(10)}m_{103}^{(11)} + m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(10)}m_{022}^{(20)} - m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(10)}m_{013}^{(10)}
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&-m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(20)}m_{121}^{(21)}+m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(20)}m_{112}^{(11)}-m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(20)}m_{031}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(20)}m_{022}^{(10)}-m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{211}^{(21)}+m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{202}^{(11)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{121}^{(20)}+m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{112}^{(10)}+m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(22)}m_{220}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(22)}m_{211}^{(11)}+m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(22)}m_{130}^{(20)}-m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(22)}m_{121}^{(10)}\\
&-2m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(10)}m_{112}^{(20)}+2m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(10)}m_{103}^{(10)}+2m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{121}^{(20)}\\
&-2m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{112}^{(10)}+2m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{211}^{(20)}-2m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{202}^{(10)}\\
&-2m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{220}^{(20)}+2m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{211}^{(10)}+m_{000}^{(00)}m_{010}^{(22)}m_{200}^{(10)}m_{022}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{200}^{(10)}m_{013}^{(11)}-m_{000}^{(00)}m_{010}^{(22)}m_{200}^{(20)}m_{031}^{(21)}+m_{000}^{(00)}m_{010}^{(22)}m_{200}^{(20)}m_{022}^{(11)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{200}^{(21)}m_{121}^{(21)}+m_{000}^{(00)}m_{010}^{(22)}m_{200}^{(21)}m_{112}^{(11)}+m_{000}^{(00)}m_{010}^{(22)}m_{200}^{(22)}m_{130}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{200}^{(22)}m_{121}^{(11)}-m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(10)}m_{112}^{(21)}+m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(10)}m_{103}^{(11)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(10)}m_{022}^{(20)}+m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(10)}m_{013}^{(10)}+m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(20)}m_{121}^{(21)}\\
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&+m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{211}^{(21)}-m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{202}^{(11)}+m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{121}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{112}^{(10)}-m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(22)}m_{220}^{(21)}+m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(22)}m_{211}^{(11)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(22)}m_{130}^{(20)}+m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(22)}m_{121}^{(10)}+m_{000}^{(00)}m_{010}^{(22)}m_{020}^{(10)}m_{112}^{(20)}\\
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&-m_{000}^{(00)}m_{010}^{(22)}m_{020}^{(22)}m_{211}^{(10)}-m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(10)}m_{022}^{(22)}+m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(10)}m_{013}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(11)}m_{112}^{(22)}-m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(11)}m_{103}^{(21)}+m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(20)}m_{031}^{(22)}\\
&-m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(20)}m_{022}^{(21)}-m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(21)}m_{121}^{(22)}+m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(21)}m_{112}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(10)}m_{031}^{(22)}-m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(10)}m_{013}^{(11)}-m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(11)}m_{121}^{(22)}\\
&+m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(11)}m_{103}^{(11)}-m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(20)}m_{040}^{(22)}+m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(20)}m_{022}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(21)}m_{130}^{(22)}-m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(21)}m_{112}^{(11)}-m_{000}^{(00)}m_{001}^{(00)}m_{002}^{(10)}m_{031}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(00)}m_{002}^{(10)}m_{022}^{(11)}+m_{000}^{(00)}m_{001}^{(00)}m_{002}^{(11)}m_{121}^{(21)}-m_{000}^{(00)}m_{001}^{(00)}m_{002}^{(11)}m_{112}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(00)}m_{002}^{(20)}m_{040}^{(21)}-m_{000}^{(00)}m_{001}^{(00)}m_{002}^{(20)}m_{031}^{(11)}-m_{000}^{(00)}m_{001}^{(00)}m_{002}^{(21)}m_{130}^{(21)}\\
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&-2m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(11)}m_{112}^{(22)}+2m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(11)}m_{103}^{(21)}-2m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(20)}m_{031}^{(22)}\\
&+2m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(20)}m_{022}^{(21)}+2m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{121}^{(22)}-2m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{112}^{(21)}\\
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&-m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{130}^{(22)}+m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{112}^{(11)}-m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{121}^{(22)}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{112}^{(21)}-m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{022}^{(20)}+m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{013}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{121}^{(22)}-m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{202}^{(21)}+m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{112}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{103}^{(10)}+m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{130}^{(22)}-m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{121}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{031}^{(20)}-m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{022}^{(10)}-m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{220}^{(22)}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{211}^{(21)}-m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{121}^{(20)}+m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{112}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{121}^{(21)}-m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{112}^{(11)}+m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{031}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{022}^{(10)}-m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{211}^{(21)}+m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{202}^{(11)}
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&-m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{121}^{(20)} + m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{112}^{(10)} - m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(20)}m_{130}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(20)}m_{121}^{(11)} - m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(20)}m_{040}^{(20)} + m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(20)}m_{031}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{220}^{(21)} - m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{211}^{(11)} + m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{130}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{121}^{(10)} - m_{000}^{(00)}m_{001}^{(11)}m_{200}^{(10)}m_{022}^{(22)} + m_{000}^{(00)}m_{001}^{(11)}m_{200}^{(10)}m_{013}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{200}^{(11)}m_{112}^{(22)} - m_{000}^{(00)}m_{001}^{(11)}m_{200}^{(11)}m_{103}^{(21)} + m_{000}^{(00)}m_{001}^{(11)}m_{200}^{(20)}m_{031}^{(22)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{200}^{(20)}m_{022}^{(21)} - m_{000}^{(00)}m_{001}^{(11)}m_{200}^{(21)}m_{121}^{(22)} + m_{000}^{(00)}m_{001}^{(11)}m_{200}^{(21)}m_{112}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(10)}m_{121}^{(22)} - m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(10)}m_{112}^{(21)} + m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(10)}m_{022}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(10)}m_{013}^{(10)} - m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(11)}m_{211}^{(22)} + m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(11)}m_{202}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(11)}m_{112}^{(20)} + m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(11)}m_{103}^{(10)} - m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(20)}m_{130}^{(22)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(20)}m_{121}^{(21)} - m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(20)}m_{031}^{(20)} + m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(20)}m_{022}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{220}^{(22)} - m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{211}^{(21)} + m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{121}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{112}^{(10)} - m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(10)}m_{121}^{(20)} + m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(10)}m_{112}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(11)}m_{211}^{(20)} - m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(11)}m_{202}^{(10)} + m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(20)}m_{130}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(20)}m_{121}^{(10)} - m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{220}^{(20)} + m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{211}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(10)}m_{031}^{(22)} + m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(10)}m_{013}^{(11)} + m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(11)}m_{121}^{(22)}\\
&-m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(11)}m_{103}^{(11)} + m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(20)}m_{040}^{(22)} - m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(20)}m_{022}^{(11)}\\
&-m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{130}^{(22)} + m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{112}^{(11)} + 2m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(10)}m_{031}^{(21)}\\
&-2m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(10)}m_{022}^{(11)} - 2m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{121}^{(21)} + 2m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{112}^{(11)}\\
&-2m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(20)}m_{040}^{(21)} + 2m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(20)}m_{031}^{(11)} + 2m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{130}^{(21)}\\
&-2m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{121}^{(11)} + m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{121}^{(22)} - m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{112}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{022}^{(20)} - m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{013}^{(10)} - m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{211}^{(22)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{202}^{(21)} - m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{112}^{(20)} + m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{103}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{130}^{(22)} + m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{121}^{(21)} - m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{031}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{022}^{(10)} + m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{220}^{(22)} - m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{211}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{121}^{(20)} - m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{112}^{(10)} - m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{121}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{112}^{(11)} - m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{031}^{(20)} + m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{022}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{211}^{(21)} - m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{202}^{(11)} + m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{121}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{112}^{(10)} + m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{130}^{(21)} - m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{121}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{040}^{(20)} - m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{031}^{(10)} - m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{220}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{211}^{(11)} - m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{130}^{(20)} + m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{121}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(10)}m_{031}^{(22)} - m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(10)}m_{013}^{(11)} - m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(11)}m_{121}^{(22)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(11)}m_{103}^{(11)} - m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(20)}m_{040}^{(22)} + m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(20)}m_{022}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(21)}m_{130}^{(22)} - m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(21)}m_{112}^{(11)} - m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{121}^{(22)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{112}^{(21)} - m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{022}^{(20)} + m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{013}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(11)}m_{211}^{(22)} - m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(11)}m_{202}^{(21)} + m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(11)}m_{112}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(11)}m_{103}^{(10)} + m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{130}^{(22)} - m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{121}^{(21)}\\
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&+m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{211}^{(21)} - m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{121}^{(20)} + m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{112}^{(10)}
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&-m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{121}^{(21)}+m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{112}^{(11)}-m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{031}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{022}^{(10)}+m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{211}^{(21)}-m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{202}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{121}^{(20)}-m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{112}^{(10)}+m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(20)}m_{130}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(20)}m_{121}^{(11)}+m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(20)}m_{040}^{(20)}-m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(20)}m_{031}^{(10)}\\
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&-2m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{211}^{(20)}+2m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{202}^{(10)}-2m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{130}^{(20)}\\
&+2m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{121}^{(10)}+2m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{220}^{(20)}-2m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{211}^{(10)}\\
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&-m_{000}^{(10)}m_{100}^{(00)}m_{020}^{(22)}m_{112}^{(21)}-m_{000}^{(10)}m_{100}^{(00)}m_{020}^{(22)}m_{022}^{(20)}-m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(10)}m_{022}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(10)}m_{004}^{(11)}-m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(11)}m_{112}^{(22)}-m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(11)}m_{103}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(11)}m_{013}^{(20)}+m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(11)}m_{004}^{(10)}+m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(20)}m_{031}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(20)}m_{013}^{(11)}+3m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(21)}m_{121}^{(22)}+2m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(21)}m_{112}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(21)}m_{103}^{(11)}-2m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(21)}m_{022}^{(20)}-2m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(21)}m_{013}^{(10)}\\
&-2m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(22)}m_{130}^{(22)}-m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(22)}m_{121}^{(21)}+m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(22)}m_{112}^{(11)}\\
&+m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(22)}m_{031}^{(20)}+m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(22)}m_{022}^{(10)}+m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(10)}m_{022}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(10)}m_{013}^{(11)}+m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(11)}m_{112}^{(21)}-m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(11)}m_{013}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(20)}m_{031}^{(21)}+m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(20)}m_{022}^{(11)}-3m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(21)}m_{121}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(21)}m_{112}^{(11)}+2m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(21)}m_{022}^{(10)}+2m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(22)}m_{130}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(22)}m_{121}^{(11)}-m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(22)}m_{031}^{(10)}-2m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(10)}m_{013}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(10)}m_{004}^{(21)}-2m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(11)}m_{103}^{(22)}+2m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(11)}m_{004}^{(20)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(20)}m_{022}^{(22)}-2m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(20)}m_{013}^{(21)}+6m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(21)}m_{112}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(21)}m_{103}^{(21)}-4m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(21)}m_{013}^{(20)}-4m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(22)}m_{121}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(22)}m_{112}^{(21)}+2m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(22)}m_{022}^{(20)}+m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(10)}m_{022}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(10)}m_{004}^{(11)}+m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(11)}m_{112}^{(22)}+m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(11)}m_{103}^{(21)}
\end{aligned}
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\begin{aligned}
&-m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(11)}m_{013}^{(20)} - m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(11)}m_{004}^{(10)} - m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(20)}m_{031}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(20)}m_{013}^{(11)} - 3m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(21)}m_{121}^{(22)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(21)}m_{112}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(21)}m_{103}^{(11)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(21)}m_{022}^{(20)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(21)}m_{013}^{(10)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(22)}m_{130}^{(22)} + m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(22)}m_{121}^{(21)} - m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(22)}m_{112}^{(11)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(22)}m_{031}^{(20)} - m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(22)}m_{022}^{(10)} + m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(10)}m_{112}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(10)}m_{103}^{(21)} + m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(10)}m_{013}^{(20)} - m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(10)}m_{004}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(11)}m_{202}^{(22)} - m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(11)}m_{004}^{(00)} - m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(20)}m_{121}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(20)}m_{112}^{(21)} - m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(20)}m_{022}^{(20)} + m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(20)}m_{013}^{(10)}\\
&-3m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(21)}m_{211}^{(22)} + m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(21)}m_{202}^{(21)} - m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(21)}m_{112}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(21)}m_{103}^{(10)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(21)}m_{013}^{(00)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(22)}m_{220}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(22)}m_{211}^{(21)} + m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(22)}m_{121}^{(20)} - m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(22)}m_{112}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(22)}m_{022}^{(00)} - m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(10)}m_{112}^{(21)} + m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(10)}m_{103}^{(11)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(10)}m_{022}^{(20)} + m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(10)}m_{013}^{(10)} - m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(11)}m_{202}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(11)}m_{112}^{(20)} + m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(11)}m_{103}^{(10)} + m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(11)}m_{013}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(20)}m_{121}^{(21)} - m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(20)}m_{112}^{(11)} + m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(20)}m_{031}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(20)}m_{022}^{(10)} + 3m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(21)}m_{211}^{(21)} - m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(21)}m_{202}^{(11)}\\
&+3m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(21)}m_{121}^{(20)} - 3m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(21)}m_{112}^{(10)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(21)}m_{022}^{(00)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(22)}m_{220}^{(21)} + m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(22)}m_{211}^{(11)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(22)}m_{130}^{(20)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(22)}m_{121}^{(10)} + m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(22)}m_{031}^{(00)} + m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(10)}m_{013}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{200}^{(10)}m_{004}^{(21)} + m_{000}^{(10)}m_{100}^{(11)}m_{200}^{(11)}m_{103}^{(22)} - m_{000}^{(10)}m_{100}^{(11)}m_{200}^{(11)}m_{004}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{200}^{(20)}m_{022}^{(22)} + m_{000}^{(10)}m_{100}^{(11)}m_{200}^{(20)}m_{013}^{(21)} - 3m_{000}^{(10)}m_{100}^{(11)}m_{200}^{(21)}m_{112}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{200}^{(21)}m_{103}^{(21)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{200}^{(21)}m_{013}^{(20)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{200}^{(22)}m_{121}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{200}^{(22)}m_{112}^{(21)} - m_{000}^{(10)}m_{100}^{(11)}m_{200}^{(22)}m_{022}^{(20)} - m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(10)}m_{112}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(10)}m_{103}^{(21)} - m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(10)}m_{013}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(10)}m_{004}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(11)}m_{202}^{(22)} + m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(11)}m_{004}^{(00)} + m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(20)}m_{121}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(20)}m_{112}^{(21)} + m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(20)}m_{022}^{(20)} - m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(20)}m_{013}^{(10)}\\
&+3m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(21)}m_{211}^{(22)} - m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(21)}m_{202}^{(21)} + m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(21)}m_{112}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(21)}m_{103}^{(10)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(21)}m_{013}^{(00)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(22)}m_{220}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(22)}m_{211}^{(21)} - m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(22)}m_{121}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(22)}m_{112}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(22)}m_{022}^{(00)} + m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(10)}m_{112}^{(20)} - m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(10)}m_{103}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(11)}m_{202}^{(20)} - m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(11)}m_{103}^{(00)} - m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(20)}m_{121}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(20)}m_{112}^{(10)} - 3m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(21)}m_{211}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(21)}m_{202}^{(10)}\\
&+2m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(21)}m_{112}^{(00)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(22)}m_{220}^{(20)} - m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(22)}m_{211}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(22)}m_{121}^{(00)} + m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(10)}m_{022}^{(22)} - m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(10)}m_{004}^{(11)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(11)}m_{112}^{(22)} + m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(11)}m_{103}^{(21)} - m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(11)}m_{013}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(11)}m_{004}^{(10)} - m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(20)}m_{031}^{(22)} + m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(20)}m_{013}^{(11)}\\
&-3m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{121}^{(22)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{112}^{(21)} + m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{103}^{(11)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{022}^{(20)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{013}^{(10)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(22)}m_{130}^{(22)}
\end{aligned}
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$$+m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(22)}m_{121}^{(21)} - m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(22)}m_{112}^{(11)} - m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(22)}m_{031}^{(20)}$$
$$-m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(22)}m_{022}^{(10)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(10)}m_{022}^{(21)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(10)}m_{013}^{(11)}$$
$$-2m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(11)}m_{112}^{(21)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(11)}m_{013}^{(10)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(20)}m_{031}^{(21)}$$
$$-2m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(20)}m_{022}^{(11)} + 6m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{121}^{(21)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{112}^{(11)}$$
$$-4m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{022}^{(10)} - 4m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(22)}m_{130}^{(21)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(22)}m_{121}^{(11)}$$
$$+2m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(22)}m_{031}^{(10)} - m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(10)}m_{112}^{(22)} + m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(10)}m_{103}^{(21)}$$
$$-m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(10)}m_{013}^{(20)} + m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(10)}m_{004}^{(10)} - m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(11)}m_{202}^{(22)}$$
$$+m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(11)}m_{004}^{(00)} + m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(20)}m_{121}^{(22)} - m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(20)}m_{112}^{(21)}$$
$$+m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(20)}m_{022}^{(20)} - m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(20)}m_{013}^{(10)} + 3m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(21)}m_{211}^{(22)}$$
$$-m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(21)}m_{202}^{(21)} + m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(21)}m_{112}^{(20)} - m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(21)}m_{103}^{(10)}$$
$$-2m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(21)}m_{013}^{(00)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(22)}m_{220}^{(22)} + m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(22)}m_{211}^{(21)}$$
$$-m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(22)}m_{121}^{(20)} + m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(22)}m_{112}^{(10)} + m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(22)}m_{022}^{(00)}$$
$$+m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(10)}m_{112}^{(21)} - m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(10)}m_{103}^{(11)} + m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(10)}m_{022}^{(20)}$$
$$-m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(10)}m_{013}^{(10)} + m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(11)}m_{202}^{(21)} + m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(11)}m_{112}^{(20)}$$
$$-m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(11)}m_{103}^{(10)} - m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(11)}m_{013}^{(00)} - m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(20)}m_{121}^{(21)}$$
$$+m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(20)}m_{112}^{(11)} - m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(20)}m_{031}^{(20)} + m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(20)}m_{022}^{(10)}$$
$$-3m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{211}^{(21)} + m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{202}^{(11)} - 3m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{121}^{(20)}$$
$$+3m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{112}^{(10)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{022}^{(00)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(22)}m_{220}^{(21)}$$
$$-m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(22)}m_{211}^{(11)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(22)}m_{130}^{(20)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(22)}m_{121}^{(10)}$$
$$-m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(22)}m_{031}^{(00)} - m_{000}^{(10)}m_{100}^{(21)}m_{200}^{(10)}m_{022}^{(22)} + m_{000}^{(10)}m_{100}^{(21)}m_{200}^{(10)}m_{004}^{(11)}$$
$$-m_{000}^{(10)}m_{100}^{(21)}m_{200}^{(11)}m_{112}^{(22)} - m_{000}^{(10)}m_{100}^{(21)}m_{200}^{(11)}m_{103}^{(21)} + m_{000}^{(10)}m_{100}^{(21)}m_{200}^{(11)}m_{013}^{(20)}$$
$$+m_{000}^{(10)}m_{100}^{(21)}m_{200}^{(11)}m_{004}^{(10)} + m_{000}^{(10)}m_{100}^{(21)}m_{200}^{(20)}m_{031}^{(22)} - m_{000}^{(10)}m_{100}^{(21)}m_{200}^{(20)}m_{013}^{(11)}$$
$$+3m_{000}^{(10)}m_{100}^{(21)}m_{200}^{(21)}m_{121}^{(22)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{200}^{(21)}m_{112}^{(21)} - m_{000}^{(10)}m_{100}^{(21)}m_{200}^{(21)}m_{103}^{(11)}$$
$$-2m_{000}^{(10)}m_{100}^{(21)}m_{200}^{(21)}m_{022}^{(20)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{200}^{(21)}m_{013}^{(10)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{200}^{(22)}m_{130}^{(22)}$$
$$-m_{000}^{(10)}m_{100}^{(21)}m_{200}^{(22)}m_{121}^{(21)} + m_{000}^{(10)}m_{100}^{(21)}m_{200}^{(22)}m_{112}^{(11)} + m_{000}^{(10)}m_{100}^{(21)}m_{200}^{(22)}m_{031}^{(20)}$$
$$+m_{000}^{(10)}m_{100}^{(21)}m_{200}^{(22)}m_{022}^{(10)} + m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(10)}m_{112}^{(22)} - m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(10)}m_{103}^{(21)}$$
$$+m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(10)}m_{013}^{(20)} - m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(10)}m_{004}^{(10)} + m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(11)}m_{202}^{(22)}$$
$$-m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(11)}m_{004}^{(00)} - m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(20)}m_{121}^{(22)} + m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(20)}m_{112}^{(21)}$$
$$-m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(20)}m_{022}^{(20)} + m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(20)}m_{013}^{(10)} - 3m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{211}^{(22)}$$
$$+m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{202}^{(21)} - m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{112}^{(20)} + m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{103}^{(10)}$$
$$+2m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{013}^{(00)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(22)}m_{220}^{(22)} - m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(22)}m_{211}^{(21)}$$
$$+m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(22)}m_{121}^{(20)} - m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(22)}m_{112}^{(10)} - m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(22)}m_{022}^{(00)}$$
$$+m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(10)}m_{112}^{(21)} - m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(10)}m_{103}^{(11)} + m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(10)}m_{022}^{(20)}$$
$$-m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(10)}m_{013}^{(10)} + m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(11)}m_{202}^{(21)} + m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(11)}m_{112}^{(20)}$$
$$-m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(11)}m_{103}^{(10)} - m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(11)}m_{013}^{(00)} - m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(20)}m_{121}^{(21)}$$
$$+m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(20)}m_{112}^{(11)} - m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(20)}m_{031}^{(20)} + m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(20)}m_{022}^{(10)}$$
$$-3m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{211}^{(21)} + m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{202}^{(11)} - 3m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{121}^{(20)}$$
$$+3m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{112}^{(10)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{022}^{(00)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(22)}m_{220}^{(21)}$$

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\begin{aligned}
&-m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(22)}m_{211}^{(11)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(22)}m_{130}^{(20)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(22)}m_{121}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(22)}m_{031}^{(00)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{112}^{(20)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{103}^{(10)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(11)}m_{202}^{(20)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(11)}m_{103}^{(00)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{121}^{(20)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{112}^{(10)} + 6m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{211}^{(20)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{202}^{(10)}\\
&-4m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{112}^{(00)} - 4m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(22)}m_{220}^{(20)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(22)}m_{211}^{(10)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(22)}m_{121}^{(00)} + m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(10)}m_{022}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(10)}m_{013}^{(11)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(11)}m_{112}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(11)}m_{013}^{(10)} - m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(20)}m_{031}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(20)}m_{022}^{(11)} - 3m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(21)}m_{121}^{(21)} + m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(21)}m_{112}^{(11)}\\
&+2m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(21)}m_{022}^{(10)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(22)}m_{130}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(22)}m_{121}^{(11)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(22)}m_{031}^{(10)} - m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(10)}m_{112}^{(21)} + m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(10)}m_{103}^{(11)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(10)}m_{022}^{(20)} + m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(10)}m_{013}^{(10)} - m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(11)}m_{202}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(11)}m_{112}^{(20)} + m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(11)}m_{103}^{(10)} + m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(11)}m_{013}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(20)}m_{121}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(20)}m_{112}^{(11)} + m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(20)}m_{031}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(20)}m_{022}^{(10)} + 3m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{211}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{202}^{(11)}\\
&+3m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{121}^{(20)} - 3m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{112}^{(10)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{022}^{(00)}\\
&-2m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(22)}m_{220}^{(21)} + m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(22)}m_{211}^{(11)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(22)}m_{130}^{(20)}\\
&+2m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(22)}m_{121}^{(10)} + m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(22)}m_{031}^{(00)} + m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(10)}m_{112}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(10)}m_{103}^{(10)} + m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(11)}m_{202}^{(20)} - m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(11)}m_{103}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(20)}m_{121}^{(20)} + m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(20)}m_{112}^{(10)} - 3m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(21)}m_{211}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(21)}m_{202}^{(10)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(21)}m_{112}^{(00)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(22)}m_{220}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(22)}m_{211}^{(10)} - m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(22)}m_{121}^{(00)} - m_{000}^{(10)}m_{010}^{(00)}m_{020}^{(00)}m_{013}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{020}^{(00)}m_{004}^{(21)} - m_{000}^{(10)}m_{010}^{(00)}m_{020}^{(10)}m_{103}^{(22)} + m_{000}^{(10)}m_{010}^{(00)}m_{020}^{(10)}m_{004}^{(20)}\\
&+3m_{000}^{(10)}m_{010}^{(00)}m_{020}^{(20)}m_{112}^{(22)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{020}^{(20)}m_{103}^{(21)} - m_{000}^{(10)}m_{010}^{(00)}m_{020}^{(20)}m_{013}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{020}^{(21)}m_{202}^{(22)} - m_{000}^{(10)}m_{010}^{(00)}m_{020}^{(21)}m_{103}^{(20)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{020}^{(22)}m_{211}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{020}^{(22)}m_{202}^{(21)} + m_{000}^{(10)}m_{010}^{(00)}m_{020}^{(22)}m_{112}^{(20)} + m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(00)}m_{022}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(00)}m_{004}^{(11)} + m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(10)}m_{112}^{(22)} + m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(10)}m_{103}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(10)}m_{013}^{(20)} - m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(10)}m_{004}^{(10)} - 3m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(20)}m_{121}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(20)}m_{112}^{(21)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(20)}m_{103}^{(11)} + m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(20)}m_{022}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(20)}m_{013}^{(10)} - m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{211}^{(22)} - m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{202}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{112}^{(20)} + m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{103}^{(10)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(22)}m_{220}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(22)}m_{211}^{(21)} - m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(22)}m_{202}^{(11)} - m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(22)}m_{121}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(22)}m_{112}^{(10)} - m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(00)}m_{022}^{(21)} + m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(00)}m_{013}^{(11)}\\
&-m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(10)}m_{112}^{(21)} + m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(10)}m_{013}^{(10)} + 3m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(20)}m_{121}^{(21)}\\
&-2m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(20)}m_{112}^{(11)} - m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(20)}m_{022}^{(10)} + m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(21)}m_{211}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(21)}m_{112}^{(10)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(22)}m_{220}^{(21)} + m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(22)}m_{211}^{(11)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(22)}m_{121}^{(10)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(00)}m_{013}^{(22)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(00)}m_{004}^{(21)}\\
&+2m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(10)}m_{103}^{(22)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(10)}m_{004}^{(20)} - 6m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(20)}m_{112}^{(22)}\\
&+4m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(20)}m_{103}^{(21)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(20)}m_{013}^{(20)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(21)}m_{202}^{(22)}
\end{aligned}
$$

$$+2m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(21)}m_{103}^{(20)}+4m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(22)}m_{211}^{(22)}-2m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(22)}m_{202}^{(21)}$$
$$-2m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(22)}m_{112}^{(20)}-m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(00)}m_{022}^{(22)}+m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(00)}m_{004}^{(11)}$$
$$-m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(10)}m_{112}^{(22)}-m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(10)}m_{103}^{(21)}+m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(10)}m_{013}^{(20)}$$
$$+m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(10)}m_{004}^{(10)}+3m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(20)}m_{121}^{(22)}+m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(20)}m_{112}^{(21)}$$
$$-2m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(20)}m_{103}^{(11)}-m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(20)}m_{022}^{(20)}-m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(20)}m_{013}^{(10)}$$
$$+m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(21)}m_{211}^{(22)}+m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(21)}m_{202}^{(21)}-m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(21)}m_{112}^{(20)}$$
$$-m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(21)}m_{103}^{(10)}-2m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{220}^{(22)}-m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{211}^{(21)}$$
$$+m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{202}^{(11)}+m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{121}^{(20)}+m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{112}^{(10)}$$
$$-m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(00)}m_{112}^{(22)}+m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(00)}m_{103}^{(21)}-m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(00)}m_{013}^{(20)}$$
$$+m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(00)}m_{004}^{(10)}-m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(10)}m_{202}^{(22)}+m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(10)}m_{004}^{(00)}$$
$$+3m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(20)}m_{211}^{(22)}-2m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(20)}m_{202}^{(21)}+2m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(20)}m_{112}^{(20)}$$
$$-2m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(20)}m_{103}^{(10)}-m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(20)}m_{013}^{(00)}+m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(21)}m_{301}^{(22)}$$
$$-m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(21)}m_{103}^{(00)}-2m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(22)}m_{310}^{(22)}+m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(22)}m_{301}^{(21)}$$
$$-m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(22)}m_{211}^{(20)}+m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(22)}m_{202}^{(10)}+m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(22)}m_{112}^{(00)}$$
$$+m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(00)}m_{112}^{(21)}-m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(00)}m_{103}^{(11)}+m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(00)}m_{022}^{(20)}$$
$$-m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(00)}m_{013}^{(10)}+m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(10)}m_{202}^{(21)}+m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(10)}m_{112}^{(20)}$$
$$-m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(10)}m_{103}^{(10)}-m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(10)}m_{013}^{(00)}-3m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(20)}m_{211}^{(21)}$$
$$+2m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(20)}m_{202}^{(11)}-3m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(20)}m_{121}^{(20)}+3m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(20)}m_{112}^{(10)}$$
$$+m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(20)}m_{022}^{(00)}-m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(21)}m_{301}^{(21)}-m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(21)}m_{211}^{(20)}$$
$$+m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(21)}m_{202}^{(10)}+m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(21)}m_{112}^{(00)}+2m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(22)}m_{310}^{(21)}$$
$$-m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(22)}m_{301}^{(11)}+2m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(22)}m_{220}^{(20)}-2m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(22)}m_{211}^{(10)}$$
$$-m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(22)}m_{121}^{(00)}-m_{000}^{(10)}m_{010}^{(11)}m_{200}^{(00)}m_{013}^{(22)}+m_{000}^{(10)}m_{010}^{(11)}m_{200}^{(00)}m_{004}^{(21)}$$
$$-m_{000}^{(10)}m_{010}^{(11)}m_{200}^{(10)}m_{103}^{(22)}+m_{000}^{(10)}m_{010}^{(11)}m_{200}^{(10)}m_{004}^{(20)}+3m_{000}^{(10)}m_{010}^{(11)}m_{200}^{(20)}m_{112}^{(22)}$$
$$-2m_{000}^{(10)}m_{010}^{(11)}m_{200}^{(20)}m_{103}^{(21)}-m_{000}^{(10)}m_{010}^{(11)}m_{200}^{(20)}m_{013}^{(20)}+m_{000}^{(10)}m_{010}^{(11)}m_{200}^{(21)}m_{202}^{(22)}$$
$$-m_{000}^{(10)}m_{010}^{(11)}m_{200}^{(21)}m_{103}^{(20)}-2m_{000}^{(10)}m_{010}^{(11)}m_{200}^{(22)}m_{211}^{(22)}+m_{000}^{(10)}m_{010}^{(11)}m_{200}^{(22)}m_{202}^{(21)}$$
$$+m_{000}^{(10)}m_{010}^{(11)}m_{200}^{(22)}m_{112}^{(20)}+m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(00)}m_{112}^{(22)}-m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(00)}m_{103}^{(21)}$$
$$+m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(00)}m_{013}^{(20)}-m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(00)}m_{004}^{(10)}+m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(10)}m_{202}^{(22)}$$
$$-m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(10)}m_{004}^{(00)}-3m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{211}^{(22)}+2m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{202}^{(21)}$$
$$-2m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{112}^{(20)}+2m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{103}^{(10)}+m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{013}^{(00)}$$
$$-m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(21)}m_{301}^{(22)}+m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(21)}m_{103}^{(00)}+2m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(22)}m_{310}^{(22)}$$
$$-m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(22)}m_{301}^{(21)}+m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(22)}m_{211}^{(20)}-m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(22)}m_{202}^{(10)}$$
$$-m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(22)}m_{112}^{(00)}-m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(00)}m_{112}^{(20)}+m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(00)}m_{103}^{(10)}$$
$$-m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(10)}m_{202}^{(20)}+m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(10)}m_{103}^{(00)}+3m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(20)}m_{211}^{(20)}$$
$$-2m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(20)}m_{202}^{(10)}-m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(20)}m_{112}^{(00)}+m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(21)}m_{301}^{(20)}$$
$$-m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(21)}m_{202}^{(00)}-2m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(22)}m_{310}^{(20)}+m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(22)}m_{301}^{(10)}$$
$$+m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(22)}m_{211}^{(00)}-m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(00)}m_{022}^{(22)}+m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(00)}m_{004}^{(11)}$$
$$-m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(10)}m_{112}^{(22)}-m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(10)}m_{103}^{(21)}+m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(10)}m_{013}^{(20)}$$
$$+m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(10)}m_{004}^{(10)}+3m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{121}^{(22)}+m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{112}^{(21)}$$

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\begin{aligned}
&-2m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{103}^{(11)} - m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{022}^{(20)} - m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{013}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{211}^{(22)} + m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{202}^{(21)} - m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{112}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{103}^{(10)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{220}^{(22)} - m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{211}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{202}^{(11)} + m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{121}^{(20)} + m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{112}^{(10)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(00)}m_{022}^{(21)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(00)}m_{013}^{(11)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{112}^{(21)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{013}^{(10)} - 6m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(20)}m_{121}^{(21)} + 4m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(20)}m_{112}^{(11)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(20)}m_{022}^{(10)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{211}^{(21)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{112}^{(10)}\\
&+4m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{220}^{(21)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{211}^{(11)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{121}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{020}^{(00)}m_{112}^{(22)} - m_{000}^{(10)}m_{010}^{(20)}m_{020}^{(00)}m_{103}^{(21)} + m_{000}^{(10)}m_{010}^{(20)}m_{020}^{(00)}m_{013}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{020}^{(00)}m_{004}^{(10)} + m_{000}^{(10)}m_{010}^{(20)}m_{020}^{(10)}m_{202}^{(22)} - m_{000}^{(10)}m_{010}^{(20)}m_{020}^{(10)}m_{004}^{(00)}\\
&-3m_{000}^{(10)}m_{010}^{(20)}m_{020}^{(20)}m_{211}^{(22)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{020}^{(20)}m_{202}^{(21)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{020}^{(20)}m_{112}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{020}^{(20)}m_{103}^{(10)} + m_{000}^{(10)}m_{010}^{(20)}m_{020}^{(20)}m_{013}^{(00)} - m_{000}^{(10)}m_{010}^{(20)}m_{020}^{(21)}m_{301}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{020}^{(21)}m_{103}^{(00)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{020}^{(22)}m_{310}^{(22)} - m_{000}^{(10)}m_{010}^{(20)}m_{020}^{(22)}m_{301}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{020}^{(22)}m_{211}^{(20)} - m_{000}^{(10)}m_{010}^{(20)}m_{020}^{(22)}m_{202}^{(10)} - m_{000}^{(10)}m_{010}^{(20)}m_{020}^{(22)}m_{112}^{(00)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(00)}m_{112}^{(21)} + m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(00)}m_{103}^{(11)} - m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(00)}m_{022}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(00)}m_{013}^{(10)} - m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{202}^{(21)} - m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{112}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{103}^{(10)} + m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{013}^{(00)} + 3m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{211}^{(21)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{202}^{(11)} + 3m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{121}^{(20)} - 3m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{112}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{022}^{(00)} + m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{301}^{(21)} + m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{211}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{202}^{(10)} - m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{112}^{(00)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{310}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{301}^{(11)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{220}^{(20)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{211}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{121}^{(00)} + m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(00)}m_{022}^{(22)} - m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(00)}m_{004}^{(11)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(10)}m_{112}^{(22)} + m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(10)}m_{103}^{(21)} - m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(10)}m_{013}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(10)}m_{004}^{(10)} - 3m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(20)}m_{121}^{(22)} - m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(20)}m_{112}^{(21)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(20)}m_{103}^{(11)} + m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(20)}m_{022}^{(20)} + m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(20)}m_{013}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{211}^{(22)} - m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{202}^{(21)} + m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{112}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{103}^{(10)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{220}^{(22)} + m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{211}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{202}^{(11)} - m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{121}^{(20)} - m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{112}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(00)}m_{112}^{(22)} + m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(00)}m_{103}^{(21)} - m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(00)}m_{013}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(00)}m_{004}^{(10)} - m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(10)}m_{202}^{(22)} + m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(10)}m_{004}^{(00)}\\
&+3m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{211}^{(22)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{202}^{(21)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{112}^{(20)}\\
&-2m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{103}^{(10)} - m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{013}^{(00)} + m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(21)}m_{301}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(21)}m_{103}^{(00)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{310}^{(22)} + m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{301}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{211}^{(20)} + m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{202}^{(10)} + m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{112}^{(00)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(00)}m_{112}^{(21)} + m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(00)}m_{103}^{(11)} - m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(00)}m_{022}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(00)}m_{013}^{(10)} - m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{202}^{(21)} - m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{112}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{103}^{(10)} + m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{013}^{(00)} + 3m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{211}^{(21)}\\
&-2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{202}^{(11)} + 3m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{121}^{(20)} - 3m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{112}^{(10)}
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\begin{aligned}
&-m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{022}^{(00)} + m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{301}^{(21)} + m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{211}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{202}^{(10)} - m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{112}^{(00)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{310}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{301}^{(11)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{220}^{(20)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{211}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{121}^{(00)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(00)}m_{112}^{(20)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(00)}m_{103}^{(10)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(10)}m_{202}^{(20)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(10)}m_{103}^{(00)} - 6m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{211}^{(20)}\\
&+4m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{202}^{(10)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{112}^{(00)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(21)}m_{301}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(21)}m_{202}^{(00)} + 4m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(22)}m_{310}^{(20)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(22)}m_{301}^{(10)}\\
&-2m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(22)}m_{211}^{(00)} - m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(00)}m_{022}^{(21)} + m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(00)}m_{013}^{(11)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(10)}m_{112}^{(21)} + m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(10)}m_{013}^{(10)} + 3m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(20)}m_{121}^{(21)}\\
&-2m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(20)}m_{112}^{(11)} - m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(20)}m_{022}^{(10)} + m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(21)}m_{211}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(21)}m_{112}^{(10)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(21)}m_{220}^{(21)} + m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(22)}m_{211}^{(11)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(22)}m_{121}^{(10)} + m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(00)}m_{112}^{(21)} - m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(00)}m_{103}^{(11)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(00)}m_{022}^{(20)} - m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(00)}m_{013}^{(10)} + m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{202}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{112}^{(20)} - m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{103}^{(10)} - m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{013}^{(00)}\\
&-3m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{211}^{(21)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{202}^{(11)} - 3m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{121}^{(20)}\\
&+3m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{112}^{(10)} + m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{022}^{(00)} - m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{301}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{211}^{(20)} + m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{202}^{(10)} + m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{112}^{(00)}\\
&+2m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(22)}m_{310}^{(21)} - m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(22)}m_{301}^{(11)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(22)}m_{220}^{(20)}\\
&-2m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(22)}m_{211}^{(10)} - m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(22)}m_{121}^{(00)} - m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(00)}m_{112}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(00)}m_{103}^{(10)} - m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(10)}m_{202}^{(20)} + m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(10)}m_{103}^{(00)}\\
&+3m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(20)}m_{211}^{(20)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(20)}m_{202}^{(10)} - m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(20)}m_{112}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(21)}m_{301}^{(20)} - m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(21)}m_{202}^{(00)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(22)}m_{310}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(22)}m_{301}^{(10)} + m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(22)}m_{211}^{(00)} + m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(00)}m_{022}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(00)}m_{013}^{(21)} + m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(10)}m_{103}^{(21)} - m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(10)}m_{013}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(11)}m_{202}^{(22)} + m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(11)}m_{103}^{(20)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(20)}m_{121}^{(22)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(20)}m_{112}^{(21)} + m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(20)}m_{022}^{(20)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(21)}m_{211}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(21)}m_{202}^{(21)} - m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(21)}m_{112}^{(20)} - m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(00)}m_{031}^{(22)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(00)}m_{013}^{(11)} - m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{112}^{(21)} - m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{103}^{(11)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{022}^{(20)} + m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{013}^{(10)} + m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(11)}m_{211}^{(22)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(11)}m_{202}^{(21)} - m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(11)}m_{112}^{(20)} - m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(11)}m_{103}^{(10)}\\
&+2m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{130}^{(22)} + m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{121}^{(21)} - m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{112}^{(11)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{031}^{(20)} - m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{022}^{(10)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{220}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{211}^{(21)} + m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{202}^{(11)} + m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{121}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{112}^{(10)} + m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(00)}m_{031}^{(21)} - m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(00)}m_{022}^{(11)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{112}^{(11)} - m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{022}^{(10)} - m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(11)}m_{211}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(11)}m_{112}^{(10)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(20)}m_{130}^{(21)} + m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(20)}m_{121}^{(11)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(20)}m_{031}^{(10)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{220}^{(21)} - m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{211}^{(11)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{121}^{(10)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(00)}m_{022}^{(22)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(00)}m_{013}^{(21)}
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&-2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(10)}m_{103}^{(21)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(10)}m_{013}^{(20)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(11)}m_{202}^{(22)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(11)}m_{103}^{(20)} + 4m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{121}^{(22)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{112}^{(21)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{022}^{(20)} - 4m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{211}^{(22)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{202}^{(21)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{112}^{(20)} + m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(00)}m_{031}^{(22)} - m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(00)}m_{013}^{(11)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{112}^{(21)} + m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{103}^{(11)} - m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{022}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{013}^{(10)} - m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{211}^{(22)} - m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{202}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{112}^{(20)} + m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{103}^{(10)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{130}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{121}^{(21)} + m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{112}^{(11)} + m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{031}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{022}^{(10)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{220}^{(22)} + m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{211}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{202}^{(11)} - m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{121}^{(20)} - m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{112}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{121}^{(22)} - m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{112}^{(21)} + m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{022}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{013}^{(10)} + m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{202}^{(21)} - m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{112}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{103}^{(10)} - m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{013}^{(00)} - m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(11)}m_{301}^{(22)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(11)}m_{103}^{(00)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{220}^{(22)} + m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{211}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{121}^{(20)} + m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{112}^{(10)} + m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{022}^{(00)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{310}^{(22)} - m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{301}^{(21)} + m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{211}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{202}^{(10)} - m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{112}^{(00)} - m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(00)}m_{121}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(00)}m_{112}^{(11)} - m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(00)}m_{031}^{(20)} + m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(00)}m_{022}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{202}^{(11)} + m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{022}^{(00)} + m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(11)}m_{301}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(11)}m_{211}^{(20)} - m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(11)}m_{202}^{(10)} - m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(11)}m_{112}^{(00)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{220}^{(21)} - m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{211}^{(11)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{130}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{121}^{(10)} - m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{031}^{(00)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{310}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{301}^{(11)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{220}^{(20)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{211}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{121}^{(00)} + m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(00)}m_{022}^{(22)} - m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(00)}m_{013}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(10)}m_{103}^{(21)} - m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(10)}m_{013}^{(20)} - m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(11)}m_{202}^{(22)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(11)}m_{103}^{(20)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{121}^{(22)} + m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{112}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{022}^{(20)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{211}^{(22)} - m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{202}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{112}^{(20)} - m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{121}^{(22)} + m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{112}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{022}^{(20)} + m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{013}^{(10)} - m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{202}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{112}^{(20)} - m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{103}^{(10)} + m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{013}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(11)}m_{301}^{(22)} - m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(11)}m_{103}^{(00)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{220}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{211}^{(21)} + m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{121}^{(20)} - m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{112}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{022}^{(00)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{310}^{(22)} + m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{301}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{211}^{(20)} + m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{202}^{(10)} + m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{112}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(00)}m_{121}^{(20)} - m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(00)}m_{112}^{(10)} + m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{202}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{112}^{(00)} - m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(11)}m_{301}^{(20)} + m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(11)}m_{202}^{(00)}\\
&-2m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{220}^{(20)} + m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{211}^{(10)} + m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{121}^{(00)}\\
&+2m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(21)}m_{310}^{(20)} - m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(21)}m_{301}^{(10)} - m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(21)}m_{211}^{(00)}
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&+m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(00)}m_{031}^{(22)} - m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(00)}m_{013}^{(11)} + m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{112}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{103}^{(11)} - m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{022}^{(20)} - m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{013}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{211}^{(22)} - m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{202}^{(21)} + m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{112}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{103}^{(10)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{130}^{(22)} - m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{121}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{112}^{(11)} + m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{031}^{(20)} + m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{022}^{(10)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{220}^{(22)} + m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{211}^{(21)} - m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{202}^{(11)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{121}^{(20)} - m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{112}^{(10)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(00)}m_{031}^{(21)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(00)}m_{022}^{(11)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{112}^{(11)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{022}^{(10)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{211}^{(21)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{112}^{(10)} + 4m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{130}^{(21)}\\
&-2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{121}^{(11)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{031}^{(10)} - 4m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{220}^{(21)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{211}^{(11)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{121}^{(10)} - m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{121}^{(22)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{112}^{(21)} - m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{022}^{(20)} + m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{013}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{202}^{(21)} + m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{112}^{(20)} - m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{103}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{013}^{(00)} + m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(11)}m_{301}^{(22)} - m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(11)}m_{103}^{(00)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{220}^{(22)} - m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{211}^{(21)} + m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{121}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{112}^{(10)} - m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{022}^{(00)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{310}^{(22)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{301}^{(21)} - m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{211}^{(20)} + m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{202}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{112}^{(00)} + m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{121}^{(21)} - m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{112}^{(11)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{031}^{(20)} - m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{022}^{(10)} + m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{202}^{(11)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{022}^{(00)} - m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{301}^{(21)} - m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{211}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{202}^{(10)} + m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{112}^{(00)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{220}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{211}^{(11)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{130}^{(20)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{121}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{031}^{(00)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{310}^{(21)} - m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{301}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{220}^{(20)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{211}^{(10)} - m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{121}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(00)}m_{031}^{(22)} + m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(00)}m_{013}^{(11)} - m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{112}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{103}^{(11)} + m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{022}^{(20)} + m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{013}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{211}^{(22)} + m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{202}^{(21)} - m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{112}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{103}^{(10)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{130}^{(22)} + m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{121}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{112}^{(11)} - m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{031}^{(20)} - m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{022}^{(10)}\\
&-2m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{220}^{(22)} - m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{211}^{(21)} + m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{202}^{(11)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{121}^{(20)} + m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{112}^{(10)} + m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{121}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{112}^{(21)} + m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{022}^{(20)} - m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{013}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{202}^{(21)} - m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{112}^{(20)} + m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{103}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{013}^{(00)} - m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(11)}m_{301}^{(22)} + m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(11)}m_{103}^{(00)}\\
&-2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{220}^{(22)} + m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{211}^{(21)} - m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{121}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{112}^{(10)} + m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{022}^{(00)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{310}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{301}^{(21)} + m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{211}^{(20)} - m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{202}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{112}^{(00)} + m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{121}^{(21)} - m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{112}^{(11)}
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&+m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{031}^{(20)} - m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{022}^{(10)} + m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{202}^{(11)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{022}^{(00)} - m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{301}^{(21)} - m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{211}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{202}^{(10)} + m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{112}^{(00)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{220}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{211}^{(11)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{130}^{(20)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{121}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{031}^{(00)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{310}^{(21)} - m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{301}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{220}^{(20)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{211}^{(10)} - m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{121}^{(00)}\\
&-2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{121}^{(20)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{112}^{(10)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{202}^{(10)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{112}^{(00)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(11)}m_{301}^{(20)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(11)}m_{202}^{(00)}\\
&+4m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{220}^{(20)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{211}^{(10)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{121}^{(00)}\\
&-4m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{310}^{(20)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{301}^{(10)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{211}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(00)}m_{031}^{(21)} - m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(00)}m_{022}^{(11)} + m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{112}^{(11)}\\
&-m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{022}^{(10)} - m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{211}^{(21)} + m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{112}^{(10)}\\
&-2m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(20)}m_{130}^{(21)} + m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(20)}m_{121}^{(11)} + m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(20)}m_{031}^{(10)}\\
&+2m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{220}^{(21)} - m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{211}^{(11)} - m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{121}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{121}^{(21)} + m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{112}^{(11)} - m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{031}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{022}^{(10)} - m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{202}^{(11)} + m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{022}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{301}^{(21)} + m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{211}^{(20)} - m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{202}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{112}^{(00)} + 2m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{220}^{(21)} - m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{211}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{130}^{(20)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{121}^{(10)} - m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{031}^{(00)}\\
&-2m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{310}^{(21)} + m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{301}^{(11)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{220}^{(20)}\\
&+2m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{211}^{(10)} + m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{121}^{(00)} + m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{020}^{(20)}m_{121}\\
&-m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{112}^{(10)} + m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{202}^{(10)} - m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{112}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(11)}m_{301}^{(20)} + m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(11)}m_{202}^{(00)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{220}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{211}^{(10)} + m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{121}^{(00)} + 2m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(21)}m_{310}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(21)}m_{301}^{(10)} - m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(21)}m_{211}^{(00)} - m_{000}^{(11)}m_{100}^{(00)}m_{020}^{(10)}m_{103}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{020}^{(10)}m_{004}^{(20)} + m_{000}^{(11)}m_{100}^{(00)}m_{020}^{(20)}m_{112}^{(22)} - m_{000}^{(11)}m_{100}^{(00)}m_{020}^{(20)}m_{013}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{020}^{(21)}m_{202}^{(22)} - m_{000}^{(11)}m_{100}^{(00)}m_{020}^{(21)}m_{103}^{(20)} - m_{000}^{(11)}m_{100}^{(00)}m_{020}^{(22)}m_{211}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{020}^{(22)}m_{112}^{(20)} + m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(10)}m_{112}^{(22)} + m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(10)}m_{103}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(10)}m_{013}^{(20)} - m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(10)}m_{004}^{(10)} - m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(20)}m_{121}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(20)}m_{112}^{(21)} + m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(20)}m_{022}^{(20)} + m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(20)}m_{013}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(21)}m_{211}^{(22)} - m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(21)}m_{202}^{(21)} + m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(21)}m_{112}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(10)}m_{103}^{(10)} + m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(22)}m_{220}^{(22)} + m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(22)}m_{211}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(22)}m_{121}^{(20)} - m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(22)}m_{112}^{(10)} - m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(10)}m_{112}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(10)}m_{013}^{(10)} + m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(20)}m_{121}^{(21)} - m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(20)}m_{022}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(21)}m_{211}^{(21)} - m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(21)}m_{112}^{(10)} - m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(22)}m_{220}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(22)}m_{121}^{(10)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(10)}m_{103}^{(22)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(10)}m_{004}^{(20)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(20)}m_{112}^{(22)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(20)}m_{013}^{(20)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(21)}m_{202}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(21)}m_{103}^{(20)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(22)}m_{211}^{(22)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(22)}m_{112}^{(20)}
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&-m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(10)}m_{112}^{(22)} - m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(10)}m_{103}^{(21)} + m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(10)}m_{013}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(10)}m_{004}^{(10)} + m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(20)}m_{121}^{(22)} + m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(20)}m_{112}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(20)}m_{022}^{(20)} - m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(20)}m_{013}^{(10)} + m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(21)}m_{211}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(21)}m_{202}^{(21)} - m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(21)}m_{112}^{(20)} - m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(21)}m_{103}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(22)}m_{220}^{(22)} - m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(22)}m_{211}^{(21)} + m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(22)}m_{121}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(22)}m_{112}^{(10)} - m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(10)}m_{202}^{(22)} + m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(10)}m_{004}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(20)}m_{211}^{(22)} - m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(20)}m_{013}^{(00)} + m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(21)}m_{301}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(21)}m_{103}^{(00)} - m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(22)}m_{310}^{(22)} + m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(22)}m_{112}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(10)}m_{202}^{(21)} + m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(10)}m_{112}^{(20)} - m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(10)}m_{103}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(10)}m_{013}^{(00)} - m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(20)}m_{211}^{(21)} - m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(20)}m_{121}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(20)}m_{112}^{(10)} + m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(20)}m_{022}^{(00)} - m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(21)}m_{301}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(21)}m_{211}^{(20)} + m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(21)}m_{202}^{(10)} + m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(21)}m_{112}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(22)}m_{310}^{(21)} + m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(22)}m_{220}^{(20)} - m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(22)}m_{211}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(22)}m_{121}^{(00)} - m_{000}^{(11)}m_{100}^{(11)}m_{200}^{(10)}m_{103}^{(22)} + m_{000}^{(11)}m_{100}^{(11)}m_{200}^{(10)}m_{004}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{200}^{(20)}m_{112}^{(22)} - m_{000}^{(11)}m_{100}^{(11)}m_{200}^{(20)}m_{013}^{(20)} + m_{000}^{(11)}m_{100}^{(11)}m_{200}^{(21)}m_{202}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(11)}m_{200}^{(21)}m_{103}^{(20)} - m_{000}^{(11)}m_{100}^{(11)}m_{200}^{(22)}m_{211}^{(22)} + m_{000}^{(11)}m_{100}^{(11)}m_{200}^{(22)}m_{112}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(10)}m_{202}^{(22)} - m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(10)}m_{004}^{(00)} - m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(20)}m_{211}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(20)}m_{013}^{(00)} - m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(21)}m_{301}^{(22)} + m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(21)}m_{103}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(22)}m_{310}^{(22)} - m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(22)}m_{112}^{(00)} - m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(10)}m_{202}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(10)}m_{103}^{(00)} + m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(20)}m_{211}^{(20)} - m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(20)}m_{112}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(21)}m_{301}^{(20)} - m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(21)}m_{202}^{(00)} - m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(22)}m_{310}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(22)}m_{211}^{(00)} - m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(10)}m_{112}^{(22)} - m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(10)}m_{103}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(10)}m_{013}^{(20)} + m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(10)}m_{004}^{(10)} + m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(20)}m_{121}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(20)}m_{112}^{(21)} - m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(20)}m_{022}^{(20)} - m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(20)}m_{013}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(21)}m_{211}^{(22)} + m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(21)}m_{202}^{(21)} - m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(21)}m_{112}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(21)}m_{103}^{(10)} - m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(22)}m_{220}^{(22)} - m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(22)}m_{211}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(22)}m_{121}^{(20)} + m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(22)}m_{112}^{(10)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(10)}m_{112}^{(21)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(10)}m_{013}^{(10)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(20)}m_{121}^{(21)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(20)}m_{022}^{(10)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(21)}m_{211}^{(21)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(21)}m_{112}^{(10)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(22)}m_{220}^{(21)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(22)}m_{121}^{(10)} + m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(10)}m_{202}^{(22)} - m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(10)}m_{004}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(20)}m_{211}^{(22)} + m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(20)}m_{013}^{(00)} - m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(21)}m_{301}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(21)}m_{103}^{(00)} + m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(22)}m_{310}^{(22)} - m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(22)}m_{112}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(10)}m_{202}^{(21)} - m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(10)}m_{112}^{(20)} + m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(10)}m_{103}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(10)}m_{013}^{(00)} + m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{211}^{(21)} + m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{121}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{112}^{(10)} - m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{022}^{(00)} + m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(21)}m_{301}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(21)}m_{211}^{(20)} - m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(21)}m_{202}^{(10)} - m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(21)}m_{112}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(22)}m_{310}^{(21)} - m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(22)}m_{220}^{(20)} + m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(22)}m_{211}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(22)}m_{121}^{(00)} + m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(10)}m_{112}^{(22)} + m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(10)}m_{103}^{(21)}
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&-m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(10)}m_{013}^{(20)} - m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(10)}m_{004}^{(10)} - m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(20)}m_{121}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(20)}m_{112}^{(21)} + m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(20)}m_{022}^{(20)} + m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(20)}m_{013}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(21)}m_{211}^{(22)} - m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(21)}m_{202}^{(21)} + m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(21)}m_{112}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(21)}m_{103}^{(10)} + m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(22)}m_{220}^{(22)} + m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(22)}m_{211}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(22)}m_{121}^{(20)} - m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(22)}m_{112}^{(10)} - m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(10)}m_{202}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(10)}m_{004}^{(00)} + m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(20)}m_{211}^{(22)} - m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(20)}m_{013}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(21)}m_{301}^{(22)} - m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(21)}m_{103}^{(00)} - m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(22)}m_{310}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(22)}m_{112}^{(00)} - m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(10)}m_{202}^{(21)} - m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(10)}m_{112}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(10)}m_{103}^{(10)} + m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(10)}m_{013}^{(00)} + m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{211}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{121}^{(20)} - m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{112}^{(10)} - m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{022}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(21)}m_{301}^{(21)} + m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(21)}m_{211}^{(20)} - m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(21)}m_{202}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(21)}m_{112}^{(00)} - m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(22)}m_{310}^{(21)} - m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(22)}m_{220}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(22)}m_{211}^{(10)} + m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(22)}m_{121}^{(00)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(10)}m_{202}^{(20)}\\
&-2m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(10)}m_{103}^{(00)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(20)}m_{211}^{(20)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(20)}m_{112}^{(00)}\\
&-2m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(21)}m_{301}^{(20)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(21)}m_{202}^{(00)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(22)}m_{310}^{(20)}\\
&-2m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(22)}m_{211}^{(00)} - m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(10)}m_{112}^{(21)} + m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(10)}m_{013}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(20)}m_{121}^{(21)} - m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(20)}m_{022}^{(10)} + m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(21)}m_{211}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(21)}m_{112}^{(10)} - m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(22)}m_{220}^{(21)} + m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(22)}m_{121}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(10)}m_{202}^{(21)} + m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(10)}m_{112}^{(20)} - m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(10)}m_{103}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(10)}m_{013}^{(00)} - m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(20)}m_{211}^{(21)} - m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(20)}m_{121}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(20)}m_{112}^{(10)} + m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(20)}m_{022}^{(00)} - m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(21)}m_{301}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(21)}m_{211}^{(20)} + m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(21)}m_{202}^{(10)} + m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(21)}m_{112}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(22)}m_{310}^{(21)} + m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(22)}m_{220}^{(20)} - m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(22)}m_{211}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(22)}m_{121}^{(00)} - m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(10)}m_{202}^{(20)} + m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(10)}m_{103}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(20)}m_{211}^{(20)} - m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(20)}m_{112}^{(00)} + m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(21)}m_{301}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(21)}m_{202}^{(00)} - m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(22)}m_{310}^{(20)} + m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(22)}m_{211}^{(00)}\\
&+m_{000}^{(11)}m_{010}^{(00)}m_{020}^{(00)}m_{103}^{(22)} - m_{000}^{(11)}m_{010}^{(00)}m_{020}^{(00)}m_{004}^{(20)} - 2m_{000}^{(11)}m_{010}^{(00)}m_{020}^{(20)}m_{202}^{(22)}\\
&+2m_{000}^{(11)}m_{010}^{(00)}m_{020}^{(20)}m_{103}^{(20)} + m_{000}^{(11)}m_{010}^{(00)}m_{020}^{(22)}m_{301}^{(22)} - m_{000}^{(11)}m_{010}^{(00)}m_{020}^{(22)}m_{202}^{(20)}\\
&-m_{000}^{(11)}m_{010}^{(00)}m_{011}^{(00)}m_{112}^{(22)} - m_{000}^{(11)}m_{010}^{(00)}m_{011}^{(00)}m_{103}^{(21)} + m_{000}^{(11)}m_{010}^{(00)}m_{011}^{(00)}m_{013}^{(20)}\\
&+m_{000}^{(11)}m_{010}^{(00)}m_{011}^{(00)}m_{004}^{(10)} + 2m_{000}^{(11)}m_{010}^{(00)}m_{011}^{(20)}m_{211}^{(22)} + 2m_{000}^{(11)}m_{010}^{(00)}m_{011}^{(20)}m_{202}^{(21)}\\
&-2m_{000}^{(11)}m_{010}^{(00)}m_{011}^{(20)}m_{112}^{(20)} - 2m_{000}^{(11)}m_{010}^{(00)}m_{011}^{(20)}m_{103}^{(10)} - m_{000}^{(11)}m_{010}^{(00)}m_{011}^{(22)}m_{310}^{(22)}\\
&-m_{000}^{(11)}m_{010}^{(00)}m_{011}^{(22)}m_{301}^{(21)} + m_{000}^{(11)}m_{010}^{(00)}m_{011}^{(22)}m_{211}^{(20)} + m_{000}^{(11)}m_{010}^{(00)}m_{011}^{(22)}m_{202}^{(10)}\\
&+m_{000}^{(11)}m_{010}^{(00)}m_{002}^{(00)}m_{112}^{(21)} - m_{000}^{(11)}m_{010}^{(00)}m_{002}^{(00)}m_{013}^{(10)} - 2m_{000}^{(11)}m_{010}^{(00)}m_{002}^{(20)}m_{211}^{(21)}\\
&+2m_{000}^{(11)}m_{010}^{(00)}m_{002}^{(20)}m_{112}^{(10)} + m_{000}^{(11)}m_{010}^{(00)}m_{002}^{(22)}m_{310}^{(21)} - m_{000}^{(11)}m_{010}^{(00)}m_{002}^{(22)}m_{211}^{(10)}\\
&-2m_{000}^{(11)}m_{010}^{(10)}m_{110}^{(00)}m_{103}^{(22)} + 2m_{000}^{(11)}m_{010}^{(10)}m_{110}^{(00)}m_{004}^{(20)} + 4m_{000}^{(11)}m_{010}^{(10)}m_{110}^{(20)}m_{202}^{(22)}\\
&-4m_{000}^{(11)}m_{010}^{(10)}m_{110}^{(20)}m_{103}^{(20)} - 2m_{000}^{(11)}m_{010}^{(10)}m_{110}^{(22)}m_{301}^{(22)} + 2m_{000}^{(11)}m_{010}^{(10)}m_{110}^{(22)}m_{202}^{(20)}\\
&+m_{000}^{(11)}m_{010}^{(10)}m_{101}^{(00)}m_{112}^{(22)} + m_{000}^{(11)}m_{010}^{(10)}m_{101}^{(00)}m_{103}^{(21)} - m_{000}^{(11)}m_{010}^{(10)}m_{101}^{(00)}m_{013}^{(20)}\\
&-m_{000}^{(11)}m_{010}^{(10)}m_{101}^{(00)}m_{004}^{(10)} - 2m_{000}^{(11)}m_{010}^{(10)}m_{101}^{(20)}m_{211}^{(22)} - 2m_{000}^{(11)}m_{010}^{(10)}m_{101}^{(20)}m_{202}^{(21)}
\end{aligned}
$$

$$+2m_{000}^{(11)}m_{010}^{(10)}m_{101}^{(20)}m_{112}^{(20)}+2m_{000}^{(11)}m_{010}^{(10)}m_{101}^{(20)}m_{103}^{(10)}+m_{000}^{(11)}m_{010}^{(10)}m_{101}^{(22)}m_{310}^{(22)}$$
$$+m_{000}^{(11)}m_{010}^{(10)}m_{101}^{(22)}m_{301}^{(21)}-m_{000}^{(11)}m_{010}^{(10)}m_{101}^{(22)}m_{211}^{(20)}-m_{000}^{(11)}m_{010}^{(10)}m_{101}^{(22)}m_{202}^{(10)}$$
$$+m_{000}^{(11)}m_{010}^{(10)}m_{011}^{(00)}m_{202}^{(22)}-m_{000}^{(11)}m_{010}^{(10)}m_{011}^{(00)}m_{004}^{(00)}-2m_{000}^{(11)}m_{010}^{(10)}m_{011}^{(20)}m_{301}^{(22)}$$
$$+2m_{000}^{(11)}m_{010}^{(10)}m_{011}^{(20)}m_{103}^{(00)}+m_{000}^{(11)}m_{010}^{(10)}m_{011}^{(22)}m_{400}^{(22)}-m_{000}^{(11)}m_{010}^{(10)}m_{011}^{(22)}m_{202}^{(00)}$$
$$-m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(00)}m_{202}^{(21)}-m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(00)}m_{112}^{(20)}+m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(00)}m_{103}^{(10)}$$
$$+m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(00)}m_{013}^{(00)}+2m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(20)}m_{301}^{(21)}+2m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(20)}m_{211}^{(20)}$$
$$-2m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(20)}m_{202}^{(10)}-2m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(20)}m_{112}^{(00)}-m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(22)}m_{400}^{(21)}$$
$$-m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(22)}m_{310}^{(20)}+m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(22)}m_{301}^{(10)}+m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(22)}m_{211}^{(00)}$$
$$+m_{000}^{(11)}m_{010}^{(11)}m_{200}^{(00)}m_{103}^{(22)}-m_{000}^{(11)}m_{010}^{(11)}m_{200}^{(00)}m_{004}^{(20)}-2m_{000}^{(11)}m_{010}^{(11)}m_{200}^{(20)}m_{202}^{(22)}$$
$$+2m_{000}^{(11)}m_{010}^{(11)}m_{200}^{(20)}m_{103}^{(20)}+m_{000}^{(11)}m_{010}^{(11)}m_{200}^{(22)}m_{301}^{(22)}-m_{000}^{(11)}m_{010}^{(11)}m_{200}^{(22)}m_{202}^{(20)}$$
$$-m_{000}^{(11)}m_{010}^{(11)}m_{101}^{(00)}m_{202}^{(22)}+m_{000}^{(11)}m_{010}^{(11)}m_{101}^{(00)}m_{004}^{(00)}+2m_{000}^{(11)}m_{010}^{(11)}m_{101}^{(20)}m_{301}^{(22)}$$
$$-2m_{000}^{(11)}m_{010}^{(11)}m_{101}^{(20)}m_{103}^{(00)}-m_{000}^{(11)}m_{010}^{(11)}m_{101}^{(22)}m_{400}^{(22)}+m_{000}^{(11)}m_{010}^{(11)}m_{101}^{(22)}m_{202}^{(00)}$$
$$+m_{000}^{(11)}m_{010}^{(11)}m_{002}^{(00)}m_{202}^{(20)}-m_{000}^{(11)}m_{010}^{(11)}m_{002}^{(00)}m_{103}^{(20)}-2m_{000}^{(11)}m_{010}^{(11)}m_{002}^{(20)}m_{301}^{(20)}$$
$$+2m_{000}^{(11)}m_{010}^{(11)}m_{002}^{(20)}m_{202}^{(00)}+m_{000}^{(11)}m_{010}^{(11)}m_{002}^{(22)}m_{400}^{(20)}-m_{000}^{(11)}m_{010}^{(11)}m_{002}^{(22)}m_{301}^{(00)}$$
$$+m_{000}^{(11)}m_{010}^{(20)}m_{110}^{(00)}m_{112}^{(22)}+m_{000}^{(11)}m_{010}^{(20)}m_{110}^{(00)}m_{103}^{(21)}-m_{000}^{(11)}m_{010}^{(20)}m_{110}^{(00)}m_{013}^{(20)}$$
$$-m_{000}^{(11)}m_{010}^{(20)}m_{110}^{(00)}m_{004}^{(10)}-2m_{000}^{(11)}m_{010}^{(20)}m_{110}^{(20)}m_{211}^{(22)}-2m_{000}^{(11)}m_{010}^{(20)}m_{110}^{(20)}m_{202}^{(21)}$$
$$+2m_{000}^{(11)}m_{010}^{(20)}m_{110}^{(20)}m_{112}^{(20)}+2m_{000}^{(11)}m_{010}^{(20)}m_{110}^{(20)}m_{103}^{(10)}+m_{000}^{(11)}m_{010}^{(20)}m_{110}^{(22)}m_{310}^{(22)}$$
$$+m_{000}^{(11)}m_{010}^{(20)}m_{110}^{(22)}m_{301}^{(21)}-m_{000}^{(11)}m_{010}^{(20)}m_{110}^{(22)}m_{211}^{(20)}-m_{000}^{(11)}m_{010}^{(20)}m_{110}^{(22)}m_{202}^{(10)}$$
$$-2m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(00)}m_{112}^{(21)}+2m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(00)}m_{013}^{(10)}+4m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{211}^{(21)}$$
$$-4m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{112}^{(10)}-2m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(22)}m_{310}^{(21)}+2m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(22)}m_{211}^{(10)}$$
$$-m_{000}^{(11)}m_{010}^{(20)}m_{020}^{(00)}m_{202}^{(22)}+m_{000}^{(11)}m_{010}^{(20)}m_{020}^{(00)}m_{004}^{(00)}+2m_{000}^{(11)}m_{010}^{(20)}m_{020}^{(20)}m_{301}^{(22)}$$
$$-2m_{000}^{(11)}m_{010}^{(20)}m_{020}^{(20)}m_{103}^{(00)}-m_{000}^{(11)}m_{010}^{(20)}m_{020}^{(22)}m_{400}^{(22)}+m_{000}^{(11)}m_{010}^{(20)}m_{020}^{(22)}m_{202}^{(00)}$$
$$+m_{000}^{(11)}m_{010}^{(20)}m_{011}^{(00)}m_{202}^{(21)}+m_{000}^{(11)}m_{010}^{(20)}m_{011}^{(00)}m_{112}^{(20)}-m_{000}^{(11)}m_{010}^{(20)}m_{011}^{(00)}m_{103}^{(10)}$$
$$-m_{000}^{(11)}m_{010}^{(20)}m_{011}^{(00)}m_{013}^{(00)}-2m_{000}^{(11)}m_{010}^{(20)}m_{011}^{(20)}m_{301}^{(21)}-2m_{000}^{(11)}m_{010}^{(20)}m_{011}^{(20)}m_{211}^{(20)}$$
$$+2m_{000}^{(11)}m_{010}^{(20)}m_{011}^{(20)}m_{202}^{(10)}+2m_{000}^{(11)}m_{010}^{(20)}m_{011}^{(20)}m_{112}^{(00)}+m_{000}^{(11)}m_{010}^{(20)}m_{011}^{(22)}m_{400}^{(21)}$$
$$+m_{000}^{(11)}m_{010}^{(20)}m_{011}^{(22)}m_{310}^{(20)}-m_{000}^{(11)}m_{010}^{(20)}m_{011}^{(22)}m_{301}^{(10)}-m_{000}^{(11)}m_{010}^{(20)}m_{011}^{(22)}m_{211}^{(00)}$$
$$-m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(00)}m_{112}^{(22)}-m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(00)}m_{103}^{(21)}+m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(00)}m_{013}^{(20)}$$
$$+m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(00)}m_{004}^{(10)}+2m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{211}^{(22)}+2m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{202}^{(21)}$$
$$-2m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{112}^{(20)}-2m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{103}^{(10)}-m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{310}^{(22)}$$
$$-m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{301}^{(21)}+m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{211}^{(20)}+m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{202}^{(10)}$$
$$+m_{000}^{(11)}m_{010}^{(21)}m_{110}^{(00)}m_{202}^{(22)}-m_{000}^{(11)}m_{010}^{(21)}m_{110}^{(00)}m_{004}^{(00)}-2m_{000}^{(11)}m_{010}^{(21)}m_{110}^{(20)}m_{301}^{(22)}$$
$$+2m_{000}^{(11)}m_{010}^{(21)}m_{110}^{(20)}m_{103}^{(00)}+m_{000}^{(11)}m_{010}^{(21)}m_{110}^{(22)}m_{400}^{(22)}-m_{000}^{(11)}m_{010}^{(21)}m_{110}^{(22)}m_{202}^{(00)}$$
$$+m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(00)}m_{202}^{(21)}+m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(00)}m_{112}^{(20)}-m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(00)}m_{103}^{(10)}$$
$$-m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(00)}m_{013}^{(00)}-2m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{301}^{(21)}-2m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{211}^{(20)}$$
$$+2m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{202}^{(10)}+2m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{112}^{(00)}+m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(22)}m_{400}^{(21)}$$
$$+m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(22)}m_{310}^{(20)}-m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(22)}m_{301}^{(10)}-m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(22)}m_{211}^{(00)}$$
$$-2m_{000}^{(11)}m_{010}^{(21)}m_{011}^{(00)}m_{202}^{(20)}+2m_{000}^{(11)}m_{010}^{(21)}m_{011}^{(00)}m_{103}^{(20)}+4m_{000}^{(11)}m_{010}^{(21)}m_{011}^{(20)}m_{301}^{(20)}$$
$$-4m_{000}^{(11)}m_{010}^{(21)}m_{011}^{(20)}m_{202}^{(00)}-2m_{000}^{(11)}m_{010}^{(21)}m_{011}^{(22)}m_{400}^{(20)}+2m_{000}^{(11)}m_{010}^{(21)}m_{011}^{(22)}m_{301}^{(00)}$$

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\begin{aligned}
&+m_{000}^{(11)}m_{010}^{(22)}m_{200}^{(00)}m_{112}^{(21)} - m_{000}^{(11)}m_{010}^{(22)}m_{200}^{(00)}m_{013}^{(10)} - 2m_{000}^{(11)}m_{010}^{(22)}m_{200}^{(20)}m_{211}^{(21)}\\
&+2m_{000}^{(11)}m_{010}^{(22)}m_{200}^{(20)}m_{112}^{(10)} + m_{000}^{(11)}m_{010}^{(22)}m_{200}^{(22)}m_{310}^{(21)} - m_{000}^{(11)}m_{010}^{(22)}m_{200}^{(22)}m_{211}^{(10)}\\
&-m_{000}^{(11)}m_{010}^{(22)}m_{110}^{(00)}m_{202}^{(21)} - m_{000}^{(11)}m_{010}^{(22)}m_{110}^{(00)}m_{112}^{(20)} + m_{000}^{(11)}m_{010}^{(22)}m_{110}^{(00)}m_{103}^{(10)}\\
&+m_{000}^{(11)}m_{010}^{(22)}m_{110}^{(00)}m_{013}^{(00)} + 2m_{000}^{(11)}m_{010}^{(22)}m_{110}^{(20)}m_{301}^{(21)} + 2m_{000}^{(11)}m_{010}^{(22)}m_{110}^{(20)}m_{211}^{(20)}\\
&-2m_{000}^{(11)}m_{010}^{(22)}m_{110}^{(20)}m_{202}^{(10)} - 2m_{000}^{(11)}m_{010}^{(22)}m_{110}^{(20)}m_{112}^{(00)} - m_{000}^{(11)}m_{010}^{(22)}m_{110}^{(22)}m_{400}^{(21)}\\
&-m_{000}^{(11)}m_{010}^{(22)}m_{110}^{(22)}m_{310}^{(20)} + m_{000}^{(11)}m_{010}^{(22)}m_{110}^{(22)}m_{301}^{(10)} + m_{000}^{(11)}m_{010}^{(22)}m_{110}^{(22)}m_{211}^{(00)}\\
&+m_{000}^{(11)}m_{010}^{(22)}m_{020}^{(00)}m_{202}^{(20)} - m_{000}^{(11)}m_{010}^{(22)}m_{020}^{(00)}m_{103}^{(00)} - 2m_{000}^{(11)}m_{010}^{(22)}m_{020}^{(20)}m_{301}^{(20)}\\
&+2m_{000}^{(11)}m_{010}^{(22)}m_{020}^{(20)}m_{202}^{(00)} + m_{000}^{(11)}m_{010}^{(22)}m_{020}^{(22)}m_{400}^{(20)} - m_{000}^{(11)}m_{010}^{(22)}m_{020}^{(22)}m_{301}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(00)}m_{112}^{(22)} + m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(00)}m_{013}^{(20)} + m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(10)}m_{202}^{(22)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(10)}m_{103}^{(20)} + m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(20)}m_{211}^{(22)} - m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(20)}m_{112}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(21)}m_{301}^{(22)} + m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(21)}m_{202}^{(20)} + m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(00)}m_{121}^{(22)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(00)}m_{112}^{(21)} - m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(00)}m_{022}^{(20)} - m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(00)}m_{013}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(10)}m_{211}^{(22)} - m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(10)}m_{202}^{(21)} + m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(10)}m_{112}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(10)}m_{103}^{(10)} - m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{220}^{(22)} - m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{211}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{121}^{(20)} + m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{112}^{(10)} + m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(21)}m_{310}^{(22)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(21)}m_{301}^{(21)} - m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(21)}m_{211}^{(20)} - m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(21)}m_{202}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(00)}m_{121}^{(21)} + m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(00)}m_{022}^{(10)} + m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(10)}m_{211}^{(21)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(10)}m_{112}^{(10)} + m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(20)}m_{220}^{(21)} - m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(20)}m_{121}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(21)}m_{310}^{(21)} + m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(21)}m_{211}^{(10)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(00)}m_{112}^{(22)}\\
&-2m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(00)}m_{013}^{(20)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(10)}m_{202}^{(22)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(10)}m_{103}^{(20)}\\
&-2m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{211}^{(22)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{112}^{(20)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(21)}m_{301}^{(22)}\\
&-2m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(21)}m_{202}^{(20)} - m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(00)}m_{121}^{(22)} - m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(00)}m_{112}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(00)}m_{022}^{(20)} + m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(00)}m_{013}^{(10)} + m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{211}^{(22)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{202}^{(21)} - m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{112}^{(20)} - m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{103}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{220}^{(22)} + m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{211}^{(21)} - m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{121}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{112}^{(10)} - m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{310}^{(22)} - m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{301}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{211}^{(20)} + m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{202}^{(10)} - m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(00)}m_{211}^{(22)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(00)}m_{013}^{(00)} + m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(10)}m_{301}^{(22)} - m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(10)}m_{103}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{310}^{(22)} - m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{112}^{(00)} - m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(21)}m_{400}^{(22)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(21)}m_{202}^{(00)} + m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(00)}m_{211}^{(21)} + m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(00)}m_{121}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(00)}m_{112}^{(10)} - m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(00)}m_{022}^{(00)} - m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{301}^{(21)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{211}^{(20)} + m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{202}^{(10)} + m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{112}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{310}^{(21)} - m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{220}^{(20)} + m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{211}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{121}^{(00)} + m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(21)}m_{400}^{(21)} + m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(21)}m_{310}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(21)}m_{301}^{(10)} - m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(21)}m_{211}^{(00)} - m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(00)}m_{112}^{(22)}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(00)}m_{013}^{(20)} + m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(10)}m_{202}^{(22)} - m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(10)}m_{103}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(20)}m_{211}^{(22)} - m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(20)}m_{112}^{(20)} - m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(21)}m_{301}^{(22)}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(21)}m_{202}^{(20)} + m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(00)}m_{211}^{(22)} - m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(00)}m_{013}^{(00)}
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&-m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(10)}m_{301}^{(22)} + m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(10)}m_{103}^{(00)} - m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(20)}m_{310}^{(22)}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(20)}m_{112}^{(00)} + m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(21)}m_{400}^{(22)} - m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(21)}m_{202}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(11)}m_{002}^{(00)}m_{211}^{(20)} + m_{000}^{(11)}m_{001}^{(11)}m_{002}^{(00)}m_{112}^{(00)} + m_{000}^{(11)}m_{001}^{(11)}m_{002}^{(10)}m_{301}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(11)}m_{002}^{(10)}m_{202}^{(00)} + m_{000}^{(11)}m_{001}^{(11)}m_{002}^{(20)}m_{310}^{(20)} - m_{000}^{(11)}m_{001}^{(11)}m_{002}^{(20)}m_{211}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(11)}m_{002}^{(21)}m_{400}^{(20)} + m_{000}^{(11)}m_{001}^{(11)}m_{002}^{(21)}m_{301}^{(00)} - m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(00)}m_{121}^{(22)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(00)}m_{112}^{(21)} + m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(00)}m_{022}^{(20)} + m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(00)}m_{013}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{211}^{(22)} + m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{202}^{(21)} - m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{112}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{103}^{(10)} + m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{220}^{(22)} + m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{211}^{(21)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{121}^{(20)} - m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{112}^{(10)} - m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{310}^{(22)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{301}^{(21)} + m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{211}^{(20)} + m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{202}^{(10)}\\
&+2m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{121}^{(21)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{022}^{(10)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{211}^{(21)}\\
&+2m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{112}^{(10)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{220}^{(21)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{121}^{(10)}\\
&+2m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{310}^{(21)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{211}^{(10)} + m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(00)}m_{211}^{(22)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(00)}m_{013}^{(00)} - m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(10)}m_{301}^{(22)} + m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(10)}m_{103}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(20)}m_{310}^{(22)} + m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(20)}m_{112}^{(00)} + m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(21)}m_{400}^{(22)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(21)}m_{202}^{(00)} - m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{211}^{(21)} - m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{121}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{112}^{(10)} + m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{022}^{(00)} + m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{301}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{211}^{(20)} - m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{202}^{(10)} - m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{112}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{310}^{(21)} + m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{220}^{(20)} - m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{211}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{121}^{(00)} - m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{400}^{(21)} - m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{310}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{301}^{(10)} + m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{211}^{(00)} + m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{121}^{(22)}\\
&+m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{112}^{(21)} - m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{022}^{(20)} - m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{013}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{211}^{(22)} - m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{202}^{(21)} + m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{112}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{103}^{(10)} - m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{220}^{(22)} - m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{211}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{121}^{(20)} + m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{112}^{(10)} + m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{310}^{(22)}\\
&+m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{301}^{(21)} - m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{211}^{(20)} - m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{202}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{211}^{(22)} + m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{013}^{(00)} + m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(10)}m_{301}^{(22)}\\
&-m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(10)}m_{103}^{(00)} + m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{310}^{(22)} - m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{112}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(21)}m_{400}^{(22)} + m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(21)}m_{202}^{(00)} - m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{211}^{(21)}\\
&-m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{121}^{(20)} + m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{112}^{(10)} + m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{022}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{301}^{(21)} + m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{211}^{(20)} - m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{202}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{112}^{(00)} + m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{310}^{(21)} + m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{220}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{211}^{(10)} - m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{121}^{(00)} - m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{400}^{(21)}\\
&-m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{310}^{(20)} + m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{301}^{(10)} + m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{211}^{(00)}\\
&+2m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{211}^{(20)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{112}^{(00)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(10)}m_{301}^{(20)}\\
&+2m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(10)}m_{202}^{(00)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{310}^{(20)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{211}^{(00)}\\
&+2m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(21)}m_{400}^{(20)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(21)}m_{301}^{(00)} - m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(00)}m_{121}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(00)}m_{022}^{(10)} + m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{211}^{(21)} - m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{112}^{(10)}
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&+m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(20)}m_{220}^{(21)} - m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(20)}m_{121}^{(10)} - m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(21)}m_{310}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(21)}m_{211}^{(10)} + m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{211}^{(21)} + m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{121}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{112}^{(10)} - m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{022}^{(00)} - m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{301}^{(21)}\\
&-m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{211}^{(20)} + m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{202}^{(10)} + m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{112}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(20)}m_{310}^{(21)} - m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(20)}m_{220}^{(20)} + m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(20)}m_{211}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(20)}m_{121}^{(00)} + m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(21)}m_{400}^{(21)} + m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(21)}m_{310}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(21)}m_{301}^{(10)} - m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(21)}m_{211}^{(00)} - m_{000}^{(11)}m_{001}^{(22)}m_{020}^{(00)}m_{211}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{020}^{(00)}m_{112}^{(00)} + m_{000}^{(11)}m_{001}^{(22)}m_{020}^{(10)}m_{301}^{(20)} - m_{000}^{(11)}m_{001}^{(22)}m_{020}^{(10)}m_{202}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{020}^{(20)}m_{310}^{(20)} - m_{000}^{(11)}m_{001}^{(22)}m_{020}^{(20)}m_{211}^{(00)} - m_{000}^{(11)}m_{001}^{(22)}m_{020}^{(21)}m_{400}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{020}^{(21)}m_{301}^{(00)} - m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(10)}m_{022}^{(22)} + m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(10)}m_{013}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(11)}m_{112}^{(22)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(11)}m_{103}^{(21)} + m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(11)}m_{013}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(20)}m_{031}^{(22)} - m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(20)}m_{022}^{(21)} - m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(21)}m_{121}^{(22)}\\
&+3m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(21)}m_{112}^{(21)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(21)}m_{022}^{(20)} - m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(22)}m_{121}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(22)}m_{031}^{(20)} + m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(10)}m_{031}^{(22)} - m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(10)}m_{013}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(11)}m_{121}^{(22)} + m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(11)}m_{112}^{(21)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(11)}m_{103}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(11)}m_{022}^{(20)} - m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(11)}m_{013}^{(10)} - m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(20)}m_{040}^{(22)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(20)}m_{022}^{(11)} + m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(21)}m_{130}^{(22)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(21)}m_{121}^{(21)}\\
&-3m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(21)}m_{112}^{(11)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(21)}m_{031}^{(20)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(21)}m_{022}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(22)}m_{130}^{(21)} + m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(22)}m_{121}^{(11)} - m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(22)}m_{040}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(22)}m_{031}^{(10)} - m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(10)}m_{031}^{(21)} + m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(10)}m_{022}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(11)}m_{121}^{(21)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(11)}m_{112}^{(11)} + m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(11)}m_{022}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(20)}m_{040}^{(21)} - m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(20)}m_{031}^{(11)} - m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(21)}m_{130}^{(21)}\\
&+3m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(21)}m_{121}^{(11)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(21)}m_{031}^{(10)} - m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(22)}m_{130}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(22)}m_{040}^{(10)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(10)}m_{022}^{(22)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(10)}m_{013}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(11)}m_{112}^{(22)} + 4m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(11)}m_{103}^{(21)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(11)}m_{013}^{(20)}\\
&-2m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(20)}m_{031}^{(22)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(20)}m_{022}^{(21)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(21)}m_{121}^{(22)}\\
&-6m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(21)}m_{112}^{(21)} + 4m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(21)}m_{022}^{(20)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(22)}m_{121}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(22)}m_{031}^{(20)} - m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(10)}m_{031}^{(22)} + m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(10)}m_{013}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(11)}m_{121}^{(22)} - m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(11)}m_{112}^{(21)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(11)}m_{103}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(11)}m_{022}^{(20)} + m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(11)}m_{013}^{(10)} + m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(20)}m_{040}^{(22)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(20)}m_{022}^{(11)} - m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(21)}m_{130}^{(22)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(21)}m_{121}^{(21)}\\
&+3m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(21)}m_{112}^{(11)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(21)}m_{031}^{(20)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(21)}m_{022}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(22)}m_{130}^{(21)} - m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(22)}m_{121}^{(11)} + m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(22)}m_{040}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(22)}m_{031}^{(10)} - m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(10)}m_{121}^{(22)} + m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(10)}m_{112}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(10)}m_{022}^{(20)} + m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(10)}m_{013}^{(10)} + m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(11)}m_{211}^{(22)}\\
&-2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(11)}m_{202}^{(21)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(11)}m_{112}^{(20)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(11)}m_{103}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(11)}m_{013}^{(00)} + m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(20)}m_{130}^{(22)} - m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(20)}m_{121}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(20)}m_{031}^{(20)} - m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(20)}m_{022}^{(10)} - m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(21)}m_{220}^{(22)}
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&+3m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(21)}m_{211}^{(21)} - 3m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(21)}m_{121}^{(20)} + 3m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(21)}m_{112}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(21)}m_{022}^{(00)} - m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(22)}m_{220}^{(21)} + m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(22)}m_{130}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(22)}m_{121}^{(10)} + m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(22)}m_{031}^{(00)} + m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(10)}m_{121}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(10)}m_{112}^{(11)} + m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(10)}m_{031}^{(20)} - m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(10)}m_{022}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(11)}m_{211}^{(21)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(11)}m_{202}^{(11)} - m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(11)}m_{121}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(11)}m_{112}^{(10)} - m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(11)}m_{022}^{(00)} - m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(20)}m_{130}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(20)}m_{121}^{(11)} - m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(20)}m_{040}^{(20)} + m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(20)}m_{031}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(21)}m_{220}^{(21)} - 3m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(21)}m_{211}^{(11)} + m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(21)}m_{130}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(21)}m_{121}^{(10)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(21)}m_{031}^{(00)} + m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(22)}m_{220}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(22)}m_{040}^{(00)} - m_{000}^{(20)}m_{100}^{(11)}m_{200}^{(10)}m_{022}^{(22)} + m_{000}^{(20)}m_{100}^{(11)}m_{200}^{(10)}m_{013}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{200}^{(11)}m_{112}^{(22)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{200}^{(11)}m_{103}^{(21)} + m_{000}^{(20)}m_{100}^{(11)}m_{200}^{(11)}m_{013}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{200}^{(20)}m_{031}^{(22)} - m_{000}^{(20)}m_{100}^{(11)}m_{200}^{(20)}m_{022}^{(21)} - m_{000}^{(20)}m_{100}^{(11)}m_{200}^{(21)}m_{121}^{(22)}\\
&+3m_{000}^{(20)}m_{100}^{(11)}m_{200}^{(21)}m_{112}^{(21)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{200}^{(21)}m_{022}^{(20)} - m_{000}^{(20)}m_{100}^{(11)}m_{200}^{(22)}m_{121}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{200}^{(22)}m_{031}^{(20)} + m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(10)}m_{121}^{(22)} - m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(10)}m_{112}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(10)}m_{022}^{(20)} - m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(10)}m_{013}^{(10)} - m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(11)}m_{211}^{(22)}\\
&+2m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(11)}m_{202}^{(21)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(11)}m_{112}^{(20)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(11)}m_{103}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(11)}m_{013}^{(00)} - m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(20)}m_{130}^{(22)} + m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(20)}m_{121}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(20)}m_{031}^{(20)} + m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(20)}m_{022}^{(10)} + m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(21)}m_{220}^{(22)}\\
&-3m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(21)}m_{211}^{(21)} + 3m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(21)}m_{121}^{(20)} - 3m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(21)}m_{112}^{(10)}\\
&+2m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(21)}m_{022}^{(00)} + m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(22)}m_{220}^{(21)} - m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(22)}m_{130}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(22)}m_{121}^{(10)} - m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(22)}m_{031}^{(00)} - m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(10)}m_{121}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(10)}m_{112}^{(10)} + m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(11)}m_{211}^{(20)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(11)}m_{202}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(11)}m_{112}^{(00)} + m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(20)}m_{130}^{(20)} - m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(20)}m_{121}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(21)}m_{220}^{(20)} + 3m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(21)}m_{211}^{(10)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(21)}m_{121}^{(00)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(22)}m_{220}^{(10)} + m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(22)}m_{130}^{(00)} - m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(10)}m_{031}^{(22)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(10)}m_{013}^{(11)} + m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(11)}m_{121}^{(22)} - m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(11)}m_{112}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(11)}m_{103}^{(11)} + m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(11)}m_{022}^{(20)} + m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(11)}m_{013}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(20)}m_{040}^{(22)} - m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(20)}m_{022}^{(11)} - m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(21)}m_{130}^{(22)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(21)}m_{121}^{(21)} + 3m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(21)}m_{112}^{(11)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(21)}m_{031}^{(20)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(21)}m_{022}^{(10)} - m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(22)}m_{130}^{(21)} - m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(22)}m_{121}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(22)}m_{040}^{(20)} + m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(22)}m_{031}^{(10)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(10)}m_{031}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(10)}m_{022}^{(11)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(11)}m_{121}^{(21)} + 4m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(11)}m_{112}^{(11)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(11)}m_{022}^{(10)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(20)}m_{040}^{(21)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(20)}m_{031}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(21)}m_{130}^{(21)} - 6m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(21)}m_{121}^{(11)} + 4m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(21)}m_{031}^{(10)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(22)}m_{130}^{(11)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(22)}m_{040}^{(10)} + m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(10)}m_{121}^{(22)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(10)}m_{112}^{(21)} + m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(10)}m_{022}^{(20)} - m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(10)}m_{013}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(11)}m_{211}^{(22)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(11)}m_{202}^{(21)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(11)}m_{112}^{(20)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(11)}m_{103}^{(10)} - m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(11)}m_{013}^{(00)} - m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(20)}m_{130}^{(22)}
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&+m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(20)}m_{121}^{(21)} - m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(20)}m_{031}^{(20)} + m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(20)}m_{022}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(21)}m_{220}^{(22)} - 3m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(21)}m_{211}^{(21)} + 3m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(21)}m_{121}^{(20)}\\
&-3m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(21)}m_{112}^{(10)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(21)}m_{022}^{(00)} + m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(22)}m_{220}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(22)}m_{130}^{(20)} + m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(22)}m_{121}^{(10)} - m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(22)}m_{031}^{(00)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(10)}m_{121}^{(21)} + m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(10)}m_{112}^{(11)} - m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(10)}m_{031}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(10)}m_{022}^{(10)} + m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(11)}m_{211}^{(21)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(11)}m_{202}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(11)}m_{121}^{(20)} - m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(11)}m_{112}^{(10)} + m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(11)}m_{022}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(20)}m_{130}^{(21)} - m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(20)}m_{121}^{(11)} + m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(20)}m_{040}^{(20)}\\
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&-m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(21)}m_{130}^{(20)} + m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(21)}m_{121}^{(10)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(21)}m_{031}^{(00)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(22)}m_{220}^{(11)} + m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(22)}m_{040}^{(00)} + m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(10)}m_{031}^{(22)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(10)}m_{013}^{(11)} - m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(11)}m_{121}^{(22)} + m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(11)}m_{112}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(11)}m_{103}^{(11)} - m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(11)}m_{022}^{(20)} - m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(11)}m_{013}^{(10)}\\
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&+2m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(21)}m_{022}^{(10)} + m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(22)}m_{130}^{(21)} + m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(22)}m_{121}^{(11)}\\
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&+m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(10)}m_{112}^{(21)} - m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(10)}m_{022}^{(20)} + m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(10)}m_{013}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(11)}m_{211}^{(22)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(11)}m_{202}^{(21)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(11)}m_{112}^{(20)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(11)}m_{103}^{(10)} + m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(11)}m_{013}^{(00)} + m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(20)}m_{130}^{(22)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(20)}m_{121}^{(21)} + m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(20)}m_{031}^{(20)} - m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(20)}m_{022}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{220}^{(22)} + 3m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{211}^{(21)} - 3m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{121}^{(20)}\\
&+3m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{112}^{(10)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{022}^{(00)} - m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(22)}m_{220}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(22)}m_{130}^{(20)} - m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(22)}m_{121}^{(10)} + m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(22)}m_{031}^{(00)}\\
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&+m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(10)}m_{022}^{(10)} + m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{211}^{(21)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{202}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{121}^{(20)} - m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{112}^{(10)} + m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{022}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(20)}m_{130}^{(21)} - m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(20)}m_{121}^{(11)} + m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(20)}m_{040}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(20)}m_{031}^{(10)} - m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{220}^{(21)} + 3m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{211}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{130}^{(20)} + m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{121}^{(10)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{031}^{(00)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(22)}m_{220}^{(11)} + m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(22)}m_{040}^{(00)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{121}^{(20)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{112}^{(10)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(11)}m_{211}^{(20)} + 4m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(11)}m_{202}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(11)}m_{112}^{(00)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(20)}m_{130}^{(20)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(20)}m_{121}^{(10)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(21)}m_{220}^{(20)} - 6m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(21)}m_{211}^{(10)} + 4m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(21)}m_{121}^{(00)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(22)}m_{220}^{(10)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(22)}m_{130}^{(00)} - m_{000}^{(20)}m_{100}^{(22)}m_{200}^{(10)}m_{031}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{200}^{(10)}m_{022}^{(11)} + m_{000}^{(20)}m_{100}^{(22)}m_{200}^{(11)}m_{121}^{(21)} - 2m_{000}^{(20)}m_{100}^{(22)}m_{200}^{(11)}m_{112}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{200}^{(11)}m_{022}^{(10)} + m_{000}^{(20)}m_{100}^{(22)}m_{200}^{(20)}m_{040}^{(21)} - m_{000}^{(20)}m_{100}^{(22)}m_{200}^{(20)}m_{031}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{200}^{(21)}m_{130}^{(21)} + 3m_{000}^{(20)}m_{100}^{(22)}m_{200}^{(21)}m_{121}^{(11)} - 2m_{000}^{(20)}m_{100}^{(22)}m_{200}^{(21)}m_{031}^{(10)}
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&-m_{000}^{(20)}m_{100}^{(22)}m_{200}^{(22)}m_{130}^{(11)}+m_{000}^{(20)}m_{100}^{(22)}m_{200}^{(22)}m_{040}^{(10)}+m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(10)}m_{121}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(10)}m_{112}^{(11)}+m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(10)}m_{031}^{(20)}-m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(10)}m_{022}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(11)}m_{211}^{(21)}+2m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(11)}m_{202}^{(11)}-m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(11)}m_{121}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(11)}m_{112}^{(10)}-m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(11)}m_{022}^{(00)}-m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(20)}m_{130}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(20)}m_{121}^{(11)}-m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(20)}m_{040}^{(20)}+m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(20)}m_{031}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(21)}m_{220}^{(21)}-3m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(21)}m_{211}^{(11)}+m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(21)}m_{130}^{(20)}\\
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&+m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(11)}m_{211}^{(20)}-2m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(11)}m_{202}^{(10)}+m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(11)}m_{112}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(20)}m_{130}^{(20)}-m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(20)}m_{121}^{(10)}-m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(21)}m_{220}^{(20)}\\
&+3m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(21)}m_{211}^{(10)}-2m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(21)}m_{121}^{(00)}-m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(22)}m_{220}^{(10)}\\
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&-2m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(21)}m_{202}^{(21)}+m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(21)}m_{112}^{(20)}+m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(22)}m_{211}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(22)}m_{121}^{(20)}-m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(00)}m_{031}^{(22)}+m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(00)}m_{013}^{(11)}\\
&+m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(10)}m_{121}^{(22)}-m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(10)}m_{112}^{(21)}-2m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(10)}m_{103}^{(11)}\\
&+m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(10)}m_{022}^{(20)}+m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(10)}m_{013}^{(10)}+m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(20)}m_{130}^{(22)}\\
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&-m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{220}^{(22)}+m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{211}^{(21)}+2m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{202}^{(11)}\\
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&+m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(00)}m_{031}^{(21)}-m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(00)}m_{022}^{(11)}-m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(10)}m_{121}^{(21)}\\
&+2m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(10)}m_{112}^{(11)}-m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(10)}m_{022}^{(10)}-m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(20)}m_{130}^{(21)}\\
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&+m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(21)}m_{121}^{(10)}+m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(22)}m_{220}^{(11)}-m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(22)}m_{130}^{(10)}\\
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&+m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(00)}m_{031}^{(22)}-m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(00)}m_{013}^{(11)}-m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(10)}m_{121}^{(22)}\\
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&+m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(20)}m_{031}^{(20)}+m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(20)}m_{022}^{(10)}+m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{220}^{(22)}\\
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&-m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{211}^{(22)}+2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{202}^{(21)}-2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{112}^{(20)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{103}^{(10)}-m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{013}^{(00)}-m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{220}^{(22)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{022}^{(00)}+m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{310}^{(22)}-2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{301}^{(21)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{211}^{(20)}-2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{202}^{(10)}+m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{112}^{(00)}\\
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&-2m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{202}^{(11)}+m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{121}^{(20)}-m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{112}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(00)}m_{022}^{(10)}+m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(20)}m_{220}^{(21)}+m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(20)}m_{130}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(20)}m_{121}^{(10)}-m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(20)}m_{031}^{(00)}-m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(21)}m_{310}^{(21)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(21)}m_{301}^{(11)}-m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(21)}m_{220}^{(20)}+m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(21)}m_{211}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(21)}m_{121}^{(00)}-m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(22)}m_{310}^{(11)}+m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(22)}m_{130}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(00)}m_{022}^{(22)}-m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(00)}m_{013}^{(21)}-m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(10)}m_{112}^{(22)}\\
&+2m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(10)}m_{103}^{(21)}-m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(10)}m_{013}^{(20)}-m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(20)}m_{121}^{(22)}\\
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&-m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(00)}m_{022}^{(20)}+m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(00)}m_{013}^{(10)}+m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(10)}m_{211}^{(22)}\\
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&+m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{031}^{(00)}+m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{310}^{(21)}-2m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{301}^{(11)}\\
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&-m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(10)}m_{022}^{(10)} - m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(20)}m_{130}^{(21)} + m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(20)}m_{031}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{220}^{(21)} - 2m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{211}^{(11)} + m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{121}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(22)}m_{220}^{(11)} - m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(22)}m_{130}^{(10)} - m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(00)}m_{121}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(00)}m_{112}^{(11)} - m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(00)}m_{031}^{(20)} + m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(00)}m_{022}^{(10)}\\
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&+m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(22)}m_{130}^{(00)} + m_{000}^{(20)}m_{010}^{(22)}m_{020}^{(00)}m_{121}^{(20)} - m_{000}^{(20)}m_{010}^{(22)}m_{020}^{(00)}m_{112}^{(10)}\\
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&+2m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(00)}m_{031}^{(22)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(00)}m_{022}^{(21)} - 4m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{121}^{(22)}\\
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&+2m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{202}^{(11)} - m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{121}^{(20)} - m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{112}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{130}^{(21)} + m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{121}^{(11)} - m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{040}^{(20)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{031}^{(10)} - m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{220}^{(21)} - m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{211}^{(11)}
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&+m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{130}^{(20)}+m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{121}^{(10)}-m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(00)}m_{130}^{(22)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(00)}m_{121}^{(21)}-m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(00)}m_{031}^{(20)}+m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(00)}m_{022}^{(10)}\\
&+2m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{220}^{(22)}-3m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{211}^{(21)}+3m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{121}^{(20)}\\
&-3m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{112}^{(10)}+m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{022}^{(00)}-m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{310}^{(22)}\\
&+2m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{301}^{(21)}-2m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{211}^{(20)}+2m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{202}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{112}^{(00)}+m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{220}^{(21)}-m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{130}^{(20)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{121}^{(10)}-m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{031}^{(00)}-m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{310}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{220}^{(20)}-m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{211}^{(10)}+m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{121}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{002}^{(00)}m_{130}^{(21)}-m_{000}^{(20)}m_{001}^{(10)}m_{002}^{(00)}m_{121}^{(11)}+m_{000}^{(20)}m_{001}^{(10)}m_{002}^{(00)}m_{040}^{(20)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{002}^{(00)}m_{031}^{(10)}-2m_{000}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{220}^{(21)}+3m_{000}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{211}^{(11)}\\
&-2m_{000}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{130}^{(20)}+2m_{000}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{121}^{(10)}-m_{000}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{031}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{002}^{(11)}m_{310}^{(21)}-2m_{000}^{(20)}m_{001}^{(10)}m_{002}^{(11)}m_{301}^{(11)}+m_{000}^{(20)}m_{001}^{(10)}m_{002}^{(11)}m_{220}^{(20)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{002}^{(11)}m_{211}^{(10)}+m_{000}^{(20)}m_{001}^{(10)}m_{002}^{(11)}m_{121}^{(00)}-m_{000}^{(20)}m_{001}^{(10)}m_{002}^{(11)}m_{220}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{002}^{(20)}m_{040}^{(00)}+m_{000}^{(20)}m_{001}^{(10)}m_{002}^{(21)}m_{310}^{(11)}-m_{000}^{(20)}m_{001}^{(10)}m_{002}^{(21)}m_{130}^{(00)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(00)}m_{031}^{(22)}+m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(00)}m_{022}^{(21)}+2m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(10)}m_{121}^{(22)}\\
&-3m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(10)}m_{112}^{(21)}+m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(10)}m_{022}^{(20)}-m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(11)}m_{211}^{(22)}\\
&+2m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(11)}m_{202}^{(21)}-m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(11)}m_{112}^{(20)}+m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(20)}m_{121}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(20)}m_{031}^{(20)}-m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(21)}m_{211}^{(21)}+m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(21)}m_{121}^{(20)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(00)}m_{130}^{(22)}-m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(00)}m_{121}^{(21)}+m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(00)}m_{031}^{(20)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(00)}m_{022}^{(10)}-2m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{220}^{(22)}+3m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{211}^{(21)}\\
&-3m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{121}^{(20)}+3m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{112}^{(10)}-m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{022}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(11)}m_{310}^{(22)}-2m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(11)}m_{301}^{(21)}+2m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(11)}m_{211}^{(20)}\\
&-2m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(11)}m_{202}^{(10)}+m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(11)}m_{112}^{(00)}-m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{220}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{130}^{(20)}-m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{121}^{(10)}+m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{031}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{310}^{(21)}-m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{220}^{(20)}+m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{211}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{121}^{(00)}-m_{000}^{(20)}m_{001}^{(11)}m_{002}^{(00)}m_{130}^{(20)}+m_{000}^{(20)}m_{001}^{(11)}m_{002}^{(00)}m_{121}^{(10)}\\
&+2m_{000}^{(20)}m_{001}^{(11)}m_{002}^{(10)}m_{220}^{(20)}-3m_{000}^{(20)}m_{001}^{(11)}m_{002}^{(10)}m_{211}^{(10)}+m_{000}^{(20)}m_{001}^{(11)}m_{002}^{(10)}m_{121}^{(00)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{002}^{(11)}m_{310}^{(20)}+2m_{000}^{(20)}m_{001}^{(11)}m_{002}^{(11)}m_{301}^{(10)}-m_{000}^{(20)}m_{001}^{(11)}m_{002}^{(11)}m_{211}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{002}^{(20)}m_{220}^{(10)}-m_{000}^{(20)}m_{001}^{(11)}m_{002}^{(20)}m_{130}^{(00)}-m_{000}^{(20)}m_{001}^{(11)}m_{002}^{(21)}m_{310}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{002}^{(21)}m_{220}^{(00)}-m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(00)}m_{040}^{(22)}+m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(00)}m_{022}^{(11)}\\
&+2m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{130}^{(22)}-m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{121}^{(21)}-3m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{112}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{031}^{(20)}+m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{022}^{(10)}-m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{220}^{(22)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{211}^{(21)}+2m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{202}^{(11)}-m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{121}^{(20)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{112}^{(10)}+m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(20)}m_{130}^{(21)}+m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(20)}m_{121}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(20)}m_{040}^{(20)}-m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(20)}m_{031}^{(10)}-m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{220}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{211}^{(11)}+m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{130}^{(20)}+m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{121}^{(10)}\\
&+2m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(00)}m_{040}^{(21)}-2m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(00)}m_{031}^{(11)}-4m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{130}^{(21)}\\
&+6m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{121}^{(11)}-2m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{031}^{(10)}+2m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{220}^{(21)}
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&-4m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{211}^{(11)}+2m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{121}^{(10)}-2m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(20)}m_{130}^{(11)}\\
&+2m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(20)}m_{040}^{(10)}+2m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(21)}m_{220}^{(11)}-2m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(21)}m_{130}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(00)}m_{130}^{(22)}-m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(00)}m_{121}^{(21)}+m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(00)}m_{031}^{(20)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(00)}m_{022}^{(10)}-2m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{220}^{(22)}+3m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{211}^{(21)}\\
&-3m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{121}^{(20)}+3m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{112}^{(10)}-m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{022}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(11)}m_{310}^{(22)}-2m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(11)}m_{301}^{(21)}+2m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(11)}m_{211}^{(20)}\\
&-2m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(11)}m_{202}^{(10)}+m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(11)}m_{112}^{(00)}-m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{220}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{130}^{(20)}-m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{121}^{(10)}+m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{031}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{310}^{(21)}-m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{220}^{(20)}+m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{211}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{121}^{(00)}-m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(00)}m_{130}^{(21)}+m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(00)}m_{121}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(00)}m_{040}^{(20)}+m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(00)}m_{031}^{(10)}+2m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{220}^{(21)}\\
&-3m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{211}^{(11)}+2m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{130}^{(20)}-2m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{121}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{031}^{(00)}-m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{310}^{(21)}+2m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{301}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{220}^{(20)}+m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{211}^{(10)}-m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{121}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(20)}m_{220}^{(11)}-m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(20)}m_{040}^{(00)}-m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(21)}m_{310}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(21)}m_{130}^{(00)}+m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(00)}m_{040}^{(22)}-m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(00)}m_{022}^{(11)}\\
&-2m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{130}^{(22)}+m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{121}^{(21)}+3m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{112}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{031}^{(20)}-m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{022}^{(10)}+m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{220}^{(22)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{211}^{(21)}-2m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{202}^{(11)}+m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{121}^{(20)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{112}^{(10)}-m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{130}^{(21)}-m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{121}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{040}^{(20)}+m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{031}^{(10)}+m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{220}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{211}^{(11)}-m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{130}^{(20)}-m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{121}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{130}^{(22)}+m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{121}^{(21)}-m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{031}^{(20)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{022}^{(10)}+2m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{220}^{(22)}-3m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{211}^{(21)}\\
&+3m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{121}^{(20)}-3m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{112}^{(10)}+m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{022}^{(00)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{310}^{(22)}+2m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{301}^{(21)}-2m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{211}^{(20)}\\
&+2m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{202}^{(10)}-m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{112}^{(00)}+m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{220}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{130}^{(20)}+m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{121}^{(10)}-m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{031}^{(00)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{310}^{(21)}+m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{220}^{(20)}-m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{211}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{121}^{(00)}-m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(00)}m_{130}^{(21)}+m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(00)}m_{121}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(00)}m_{040}^{(20)}+m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(00)}m_{031}^{(10)}+2m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{220}^{(21)}\\
&-3m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{211}^{(11)}+2m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{130}^{(20)}-2m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{121}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{031}^{(00)}-m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{310}^{(21)}+2m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{301}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{220}^{(20)}+m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{211}^{(10)}-m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{121}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(20)}m_{220}^{(11)}-m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(20)}m_{040}^{(00)}-m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(21)}m_{310}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(21)}m_{130}^{(00)}+2m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{130}^{(20)}-2m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{121}^{(10)}\\
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&+2m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{310}^{(20)}-4m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{301}^{(10)}+2m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{211}^{(00)}
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&-2m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(20)}m_{220}^{(10)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(20)}m_{130}^{(00)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(21)}m_{310}^{(10)}\\
&-2m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(21)}m_{220}^{(00)} - m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(00)}m_{040}^{(21)} + m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(00)}m_{031}^{(11)}\\
&+2m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{130}^{(21)} - 3m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{121}^{(11)} + m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{031}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{220}^{(21)} + 2m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{211}^{(11)} - m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{121}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(20)}m_{130}^{(11)} - m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(20)}m_{040}^{(10)} - m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(21)}m_{220}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(21)}m_{130}^{(10)} + m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{130}^{(21)} - m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{121}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{040}^{(20)} - m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{031}^{(10)} - 2m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{220}^{(21)}\\
&+3m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{211}^{(11)} - 2m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{130}^{(20)} + 2m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{121}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{031}^{(00)} + m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{310}^{(21)} - 2m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{301}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{220}^{(20)} - m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{211}^{(10)} + m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{121}^{(00)}\\
&-m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(20)}m_{220}^{(11)} + m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(20)}m_{040}^{(00)} + m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(21)}m_{310}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(21)}m_{130}^{(00)} - m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{130}^{(20)} + m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{121}^{(10)}\\
&+2m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{220}^{(20)} - 3m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{211}^{(10)} + m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{121}^{(00)}\\
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&+m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(20)}m_{220}^{(10)} - m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(20)}m_{130}^{(00)} - m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(21)}m_{310}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(21)}m_{220}^{(00)} + m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(10)}m_{112}^{(22)} + m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(10)}m_{103}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(10)}m_{013}^{(20)} - m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(11)}m_{202}^{(22)} + m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(11)}m_{103}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(20)}m_{121}^{(22)} - m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(21)}m_{112}^{(21)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(20)}m_{022}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(21)}m_{211}^{(22)} - m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(21)}m_{202}^{(21)} + m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(22)}m_{211}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(22)}m_{121}^{(20)} - m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(10)}m_{121}^{(22)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(10)}m_{112}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(10)}m_{103}^{(11)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(10)}m_{022}^{(20)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(10)}m_{013}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(11)}m_{211}^{(22)} + m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(11)}m_{202}^{(21)} - m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(11)}m_{112}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(11)}m_{103}^{(10)} + m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(20)}m_{130}^{(22)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(20)}m_{121}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(20)}m_{112}^{(11)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(20)}m_{031}^{(20)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(20)}m_{022}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(21)}m_{220}^{(22)} + m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(21)}m_{202}^{(11)} - m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(22)}m_{220}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(22)}m_{211}^{(11)} + m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(22)}m_{130}^{(20)} + m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(22)}m_{121}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(10)}m_{121}^{(21)} + m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(10)}m_{112}^{(11)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(10)}m_{022}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(11)}m_{211}^{(21)} + m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(11)}m_{112}^{(10)} - m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(20)}m_{130}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(20)}m_{121}^{(11)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(20)}m_{031}^{(10)} + m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(21)}m_{220}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(21)}m_{211}^{(11)} + m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(22)}m_{220}^{(11)} - m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(22)}m_{130}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(10)}m_{112}^{(22)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(10)}m_{103}^{(21)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(10)}m_{013}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(11)}m_{202}^{(22)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(11)}m_{103}^{(20)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(20)}m_{121}^{(22)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(20)}m_{112}^{(21)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(20)}m_{022}^{(20)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(21)}m_{211}^{(22)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(21)}m_{202}^{(21)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(22)}m_{211}^{(21)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(22)}m_{121}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(10)}m_{121}^{(22)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(10)}m_{112}^{(21)} + m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(10)}m_{103}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(10)}m_{022}^{(20)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(10)}m_{013}^{(10)} - m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(11)}m_{211}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(11)}m_{202}^{(21)} + m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(11)}m_{112}^{(20)} + m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(11)}m_{103}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(20)}m_{130}^{(22)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(20)}m_{121}^{(21)} - m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(20)}m_{112}^{(11)}
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\begin{aligned}
&+2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(20)}m_{031}^{(20)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(20)}m_{022}^{(10)} + m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(21)}m_{220}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(21)}m_{202}^{(11)} + m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(22)}m_{220}^{(21)} + m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(22)}m_{211}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(22)}m_{130}^{(20)} - m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(22)}m_{121}^{(10)} + m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(10)}m_{211}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(10)}m_{202}^{(21)} - m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(10)}m_{112}^{(20)} + m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(10)}m_{103}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(10)}m_{013}^{(00)} - m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(11)}m_{301}^{(22)} + m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(11)}m_{103}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(20)}m_{220}^{(22)} - m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(20)}m_{211}^{(21)} + m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(20)}m_{121}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(20)}m_{112}^{(10)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(20)}m_{022}^{(00)} + m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(21)}m_{310}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(21)}m_{301}^{(21)} + m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(21)}m_{211}^{(20)} - m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(21)}m_{202}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(22)}m_{310}^{(21)} - m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(22)}m_{220}^{(20)} + m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(22)}m_{211}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(22)}m_{121}^{(00)} - m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(10)}m_{211}^{(21)} - m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(10)}m_{202}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(10)}m_{121}^{(20)} + m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(10)}m_{112}^{(10)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(10)}m_{022}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(11)}m_{301}^{(21)} + m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(11)}m_{211}^{(20)} - m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(11)}m_{202}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(11)}m_{112}^{(00)} + m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(20)}m_{220}^{(21)} + m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(20)}m_{211}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(20)}m_{130}^{(20)} - m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(20)}m_{121}^{(10)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(20)}m_{031}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(21)}m_{310}^{(21)} + m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(21)}m_{301}^{(11)} - m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(21)}m_{220}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(21)}m_{211}^{(10)} - m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(22)}m_{310}^{(11)} + m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(22)}m_{130}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(10)}m_{112}^{(22)} + m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(10)}m_{103}^{(21)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(10)}m_{013}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(11)}m_{202}^{(22)} + m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(11)}m_{103}^{(20)} - m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(20)}m_{121}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(20)}m_{112}^{(21)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(20)}m_{022}^{(20)} + m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(21)}m_{211}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(21)}m_{202}^{(21)} + m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(22)}m_{211}^{(21)} - m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(22)}m_{121}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(10)}m_{211}^{(22)} - m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(10)}m_{202}^{(21)} + m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(10)}m_{112}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(10)}m_{103}^{(10)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(10)}m_{013}^{(00)} + m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(11)}m_{301}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(11)}m_{103}^{(00)} + m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(20)}m_{220}^{(22)} + m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(20)}m_{211}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(20)}m_{121}^{(20)} + m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(20)}m_{112}^{(10)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(20)}m_{022}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(21)}m_{310}^{(22)} + m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(21)}m_{301}^{(21)} - m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(21)}m_{211}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(21)}m_{202}^{(10)} - m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(22)}m_{310}^{(21)} + m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(22)}m_{220}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(22)}m_{211}^{(10)} + m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(22)}m_{121}^{(00)} + m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(10)}m_{211}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(10)}m_{202}^{(10)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(10)}m_{112}^{(00)} - m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(11)}m_{301}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(11)}m_{202}^{(00)} - m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(20)}m_{220}^{(20)} - m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(20)}m_{211}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(20)}m_{121}^{(00)} + m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(21)}m_{310}^{(20)} - m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(21)}m_{301}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(22)}m_{310}^{(10)} - m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(22)}m_{220}^{(00)} + m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(10)}m_{121}^{(22)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(10)}m_{112}^{(21)} + m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(10)}m_{103}^{(11)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(10)}m_{022}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(10)}m_{013}^{(10)} - m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(11)}m_{211}^{(22)} - m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(11)}m_{202}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(11)}m_{112}^{(20)} + m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(11)}m_{103}^{(10)} - m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(20)}m_{130}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(20)}m_{121}^{(21)} - m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(20)}m_{112}^{(11)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(20)}m_{031}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(20)}m_{022}^{(10)} + m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(21)}m_{220}^{(22)} - m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(21)}m_{202}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(22)}m_{220}^{(21)} + m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(22)}m_{211}^{(11)} - m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(22)}m_{130}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(22)}m_{121}^{(10)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(10)}m_{121}^{(21)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(10)}m_{112}^{(11)}
\end{aligned}
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$$+4m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(10)}m_{022}^{(10)}+2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(11)}m_{211}^{(21)}-2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(11)}m_{112}^{(10)}$$
$$+2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(20)}m_{130}^{(21)}+2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(20)}m_{121}^{(11)}-4m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(20)}m_{031}^{(10)}$$
$$-2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(21)}m_{220}^{(21)}+2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(21)}m_{211}^{(11)}-2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(22)}m_{220}^{(11)}$$
$$+2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(22)}m_{130}^{(10)}-m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(10)}m_{211}^{(22)}-m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(10)}m_{202}^{(21)}$$
$$+m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(10)}m_{112}^{(20)}-m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(10)}m_{103}^{(10)}+2m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(10)}m_{013}^{(00)}$$
$$+m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(11)}m_{301}^{(22)}-m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(11)}m_{103}^{(00)}+m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(20)}m_{220}^{(22)}$$
$$+m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(20)}m_{211}^{(21)}-m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(20)}m_{121}^{(20)}+m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(20)}m_{112}^{(10)}$$
$$-2m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(20)}m_{022}^{(00)}-m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(21)}m_{310}^{(22)}+m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(21)}m_{301}^{(21)}$$
$$-m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(21)}m_{211}^{(20)}+m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(21)}m_{202}^{(10)}-m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(22)}m_{310}^{(21)}$$
$$+m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(22)}m_{220}^{(20)}-m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(22)}m_{211}^{(10)}+m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(22)}m_{121}^{(00)}$$
$$+m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(10)}m_{211}^{(21)}+m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(10)}m_{202}^{(11)}+m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(10)}m_{121}^{(20)}$$
$$-m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(10)}m_{112}^{(10)}-2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(10)}m_{022}^{(00)}-m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(11)}m_{301}^{(21)}$$
$$-m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(11)}m_{211}^{(20)}+m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(11)}m_{202}^{(10)}+m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(11)}m_{112}^{(00)}$$
$$-m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(20)}m_{220}^{(21)}-m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(20)}m_{211}^{(11)}-m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(20)}m_{130}^{(20)}$$
$$+m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(20)}m_{121}^{(10)}+2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(20)}m_{031}^{(00)}+m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(21)}m_{310}^{(21)}$$
$$-m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(21)}m_{301}^{(11)}+m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(21)}m_{220}^{(20)}-m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(21)}m_{211}^{(10)}$$
$$+m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(22)}m_{310}^{(11)}-m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(22)}m_{130}^{(00)}-m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(10)}m_{121}^{(22)}$$
$$-2m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(10)}m_{112}^{(21)}-m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(10)}m_{103}^{(11)}+2m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(10)}m_{022}^{(20)}$$
$$+2m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(10)}m_{013}^{(10)}+m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(11)}m_{211}^{(22)}+m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(11)}m_{202}^{(21)}$$
$$-m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(11)}m_{112}^{(20)}-m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(11)}m_{103}^{(10)}+m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(20)}m_{130}^{(22)}$$
$$+2m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(20)}m_{121}^{(21)}+m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(20)}m_{112}^{(11)}-2m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(20)}m_{031}^{(20)}$$
$$-2m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(20)}m_{022}^{(10)}-m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(21)}m_{220}^{(22)}+m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(21)}m_{202}^{(11)}$$
$$-m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(22)}m_{220}^{(21)}-m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(22)}m_{211}^{(11)}+m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(22)}m_{130}^{(20)}$$
$$+m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(22)}m_{121}^{(10)}+m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(10)}m_{211}^{(22)}+m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(10)}m_{202}^{(21)}$$
$$-m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(10)}m_{112}^{(20)}+m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(10)}m_{103}^{(10)}-2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(10)}m_{013}^{(00)}$$
$$-m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(11)}m_{301}^{(22)}+m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(11)}m_{103}^{(00)}-m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(20)}m_{220}^{(22)}$$
$$-m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(20)}m_{211}^{(21)}+m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(20)}m_{121}^{(20)}-m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(20)}m_{112}^{(10)}$$
$$+2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(20)}m_{022}^{(00)}+m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(21)}m_{310}^{(22)}-m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(21)}m_{301}^{(21)}$$
$$+m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(21)}m_{211}^{(20)}-m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(21)}m_{202}^{(10)}+m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(22)}m_{310}^{(21)}$$
$$-m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(22)}m_{220}^{(20)}+m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(22)}m_{211}^{(10)}-m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(22)}m_{121}^{(00)}$$
$$+m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(10)}m_{211}^{(21)}+m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(10)}m_{202}^{(11)}+m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(10)}m_{121}^{(20)}$$
$$-m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(10)}m_{112}^{(10)}-2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(10)}m_{022}^{(00)}-m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(11)}m_{301}^{(21)}$$
$$-m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(11)}m_{211}^{(20)}+m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(11)}m_{202}^{(10)}+m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(11)}m_{112}^{(00)}$$
$$-m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(20)}m_{220}^{(21)}-m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(20)}m_{211}^{(11)}-m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(20)}m_{130}^{(20)}$$
$$+m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(20)}m_{121}^{(10)}+2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(20)}m_{031}^{(00)}+m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(21)}m_{310}^{(21)}$$
$$-m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(21)}m_{301}^{(11)}+m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(21)}m_{220}^{(20)}-m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(21)}m_{211}^{(10)}$$
$$+m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(22)}m_{310}^{(11)}-m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(22)}m_{130}^{(00)}-2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(10)}m_{211}^{(20)}$$
$$-2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(10)}m_{202}^{(10)}+4m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(10)}m_{112}^{(00)}+2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(11)}m_{301}^{(20)}$$

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\begin{aligned}
&-2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(11)}m_{202}^{(00)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(20)}m_{220}^{(20)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(20)}m_{211}^{(10)}\\
&-4m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(20)}m_{121}^{(00)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(21)}m_{310}^{(20)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(21)}m_{301}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(22)}m_{310}^{(10)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(22)}m_{220}^{(00)} + m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(10)}m_{121}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(10)}m_{112}^{(11)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(10)}m_{022}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(11)}m_{211}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(11)}m_{112}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(20)}m_{130}^{(21)} - m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(20)}m_{121}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(20)}m_{031}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(21)}m_{220}^{(21)} - m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(21)}m_{211}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(22)}m_{220}^{(11)} - m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(22)}m_{130}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{211}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{202}^{(11)} - m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{121}^{(20)} + m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{112}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{022}^{(00)} + m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(11)}m_{301}^{(21)} + m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(11)}m_{211}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(11)}m_{202}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(11)}m_{112}^{(00)} + m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(20)}m_{220}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(20)}m_{211}^{(11)} + m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(20)}m_{130}^{(20)} - m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(20)}m_{121}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(20)}m_{031}^{(00)} - m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(21)}m_{310}^{(21)} + m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(21)}m_{301}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(21)}m_{220}^{(20)} + m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(21)}m_{211}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(22)}m_{310}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(22)}m_{130}^{(00)} + m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(10)}m_{211}^{(20)} + m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(10)}m_{202}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(10)}m_{112}^{(00)} - m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(11)}m_{301}^{(20)} + m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(11)}m_{202}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(20)}m_{220}^{(20)} - m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(20)}m_{211}^{(10)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(20)}m_{121}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(21)}m_{310}^{(20)} - m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(21)}m_{301}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(22)}m_{310}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(22)}m_{220}^{(00)} - m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(00)}m_{112}^{(22)} - m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(00)}m_{103}^{(21)}\\
&+2m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(00)}m_{013}^{(20)} + m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(10)}m_{202}^{(22)} - m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(10)}m_{103}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(20)}m_{211}^{(22)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(20)}m_{202}^{(21)} - 3m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(20)}m_{112}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(21)}m_{301}^{(22)} + m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(21)}m_{202}^{(20)} - m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(22)}m_{301}^{(21)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(22)}m_{211}^{(20)} + m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(00)}m_{121}^{(22)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(00)}m_{112}^{(21)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(00)}m_{103}^{(11)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(00)}m_{022}^{(20)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(00)}m_{013}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(10)}m_{211}^{(22)} - m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(10)}m_{202}^{(21)} + m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(10)}m_{112}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(10)}m_{103}^{(10)} - m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(20)}m_{220}^{(22)} - 3m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(20)}m_{211}^{(21)}\\
&-2m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(20)}m_{202}^{(11)} + 3m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(20)}m_{121}^{(20)} + 3m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(20)}m_{112}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(21)}m_{310}^{(22)} + m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(21)}m_{301}^{(21)} - m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(21)}m_{211}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(21)}m_{202}^{(10)} + m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(22)}m_{310}^{(21)} + m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(22)}m_{301}^{(11)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(22)}m_{220}^{(20)} - m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(22)}m_{211}^{(10)} - m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(00)}m_{121}^{(21)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(00)}m_{112}^{(11)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(00)}m_{022}^{(10)} + m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(10)}m_{211}^{(21)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(10)}m_{112}^{(10)} + m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(20)}m_{220}^{(21)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(20)}m_{211}^{(11)}\\
&-3m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(20)}m_{121}^{(10)} - m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(21)}m_{310}^{(21)} + m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(21)}m_{211}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(22)}m_{310}^{(11)} + m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(22)}m_{220}^{(10)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(00)}m_{112}^{(22)}\\
&+2m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(00)}m_{103}^{(21)} - 4m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(00)}m_{013}^{(20)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(10)}m_{202}^{(22)}\\
&+2m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(10)}m_{103}^{(20)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{211}^{(22)} - 4m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{202}^{(21)}\\
&+6m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{112}^{(20)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(21)}m_{301}^{(22)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(21)}m_{202}^{(20)}\\
&+2m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(22)}m_{301}^{(21)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(22)}m_{211}^{(20)} - m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(00)}m_{121}^{(22)}\\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(00)}m_{112}^{(21)} - m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(00)}m_{103}^{(11)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(00)}m_{022}^{(20)}
\end{aligned}
$$

$$+2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(00)}m_{013}^{(10)}+m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(10)}m_{211}^{(22)}+m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(10)}m_{202}^{(21)}$$
$$-m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(10)}m_{112}^{(20)}-m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(10)}m_{103}^{(10)}+m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{220}^{(22)}$$
$$+3m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{211}^{(21)}+2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{202}^{(11)}-3m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{121}^{(20)}$$
$$-3m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{112}^{(10)}-m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{310}^{(22)}-m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{301}^{(21)}$$
$$+m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{211}^{(20)}+m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{202}^{(10)}-m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(22)}m_{310}^{(21)}$$
$$-m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(22)}m_{301}^{(11)}+m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(22)}m_{220}^{(20)}+m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(22)}m_{211}^{(10)}$$
$$-m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(00)}m_{211}^{(22)}-m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(00)}m_{202}^{(21)}+m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(00)}m_{112}^{(20)}$$
$$-m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(00)}m_{103}^{(10)}+2m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(00)}m_{013}^{(00)}+m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(10)}m_{301}^{(22)}$$
$$-m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(10)}m_{103}^{(00)}+m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{310}^{(22)}+2m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{301}^{(21)}$$
$$-2m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{211}^{(20)}+2m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{202}^{(10)}-3m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{112}^{(00)}$$
$$-m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(21)}m_{400}^{(22)}+m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(21)}m_{202}^{(00)}-m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(22)}m_{400}^{(21)}$$
$$+m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(22)}m_{310}^{(20)}-m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(22)}m_{301}^{(10)}+m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(22)}m_{211}^{(00)}$$
$$+m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(00)}m_{211}^{(21)}+m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(00)}m_{202}^{(11)}+m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(00)}m_{121}^{(20)}$$
$$-m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(00)}m_{112}^{(10)}-2m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(00)}m_{022}^{(00)}-m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{301}^{(21)}$$
$$-m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{211}^{(20)}+m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{202}^{(10)}+m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{112}^{(00)}$$
$$-m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(20)}m_{310}^{(21)}-2m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(20)}m_{301}^{(11)}-m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(20)}m_{220}^{(20)}$$
$$+m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(20)}m_{211}^{(10)}+3m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(20)}m_{121}^{(00)}+m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(21)}m_{400}^{(21)}$$
$$+m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(21)}m_{310}^{(20)}-m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(21)}m_{301}^{(10)}-m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(21)}m_{211}^{(00)}$$
$$+m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(22)}m_{400}^{(11)}-m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(22)}m_{220}^{(00)}-m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(00)}m_{112}^{(22)}$$
$$-m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(00)}m_{103}^{(21)}+2m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(00)}m_{013}^{(20)}+m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(10)}m_{202}^{(22)}$$
$$-m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(10)}m_{103}^{(20)}+m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(20)}m_{211}^{(22)}+2m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(20)}m_{202}^{(21)}$$
$$-3m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(20)}m_{112}^{(20)}-m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(21)}m_{301}^{(22)}+m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(21)}m_{202}^{(20)}$$
$$-m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(22)}m_{301}^{(21)}+m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(22)}m_{211}^{(20)}+m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(00)}m_{211}^{(22)}$$
$$+m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(00)}m_{202}^{(21)}-m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(00)}m_{112}^{(20)}+m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(00)}m_{103}^{(10)}$$
$$-2m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(00)}m_{013}^{(00)}-m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(10)}m_{301}^{(22)}+m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(10)}m_{103}^{(00)}$$
$$-m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{310}^{(22)}-2m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{301}^{(21)}+2m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{211}^{(20)}$$
$$-2m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{202}^{(10)}+3m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{112}^{(00)}+m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(21)}m_{400}^{(22)}$$
$$-m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(21)}m_{202}^{(00)}+m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(22)}m_{400}^{(21)}-m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(22)}m_{310}^{(20)}$$
$$+m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(22)}m_{301}^{(10)}-m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(22)}m_{211}^{(00)}-m_{000}^{(21)}m_{010}^{(11)}m_{002}^{(00)}m_{211}^{(20)}$$
$$-m_{000}^{(21)}m_{010}^{(11)}m_{002}^{(00)}m_{202}^{(10)}+2m_{000}^{(21)}m_{010}^{(11)}m_{002}^{(00)}m_{112}^{(00)}+m_{000}^{(21)}m_{010}^{(11)}m_{002}^{(10)}m_{301}^{(20)}$$
$$-m_{000}^{(21)}m_{010}^{(11)}m_{002}^{(10)}m_{202}^{(00)}+m_{000}^{(21)}m_{010}^{(11)}m_{002}^{(20)}m_{310}^{(20)}+2m_{000}^{(21)}m_{010}^{(11)}m_{002}^{(20)}m_{301}^{(10)}$$
$$-3m_{000}^{(21)}m_{010}^{(11)}m_{002}^{(20)}m_{211}^{(00)}-m_{000}^{(21)}m_{010}^{(11)}m_{002}^{(21)}m_{400}^{(20)}+m_{000}^{(21)}m_{010}^{(11)}m_{002}^{(21)}m_{301}^{(00)}$$
$$-m_{000}^{(21)}m_{010}^{(11)}m_{002}^{(22)}m_{400}^{(10)}+m_{000}^{(21)}m_{010}^{(11)}m_{002}^{(22)}m_{310}^{(00)}-m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(00)}m_{121}^{(22)}$$
$$-2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(00)}m_{112}^{(21)}-m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(00)}m_{103}^{(11)}+2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(00)}m_{022}^{(20)}$$
$$+2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(00)}m_{013}^{(10)}+m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(10)}m_{211}^{(22)}+m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(10)}m_{202}^{(21)}$$
$$-m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(10)}m_{112}^{(20)}-m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(10)}m_{103}^{(10)}+m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{220}^{(22)}$$
$$+3m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{211}^{(21)}+2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{202}^{(11)}-3m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{121}^{(20)}$$
$$-3m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{112}^{(10)}-m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{310}^{(22)}-m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{301}^{(21)}$$

$$+m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{211}^{(20)}+m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{202}^{(10)}-m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(22)}m_{310}^{(21)}$$
$$-m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(22)}m_{301}^{(11)}+m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(22)}m_{220}^{(20)}+m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(22)}m_{211}^{(10)}$$
$$+2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(00)}m_{121}^{(21)}+2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(00)}m_{112}^{(11)}-4m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(00)}m_{022}^{(10)}$$
$$-2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{211}^{(21)}+2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{112}^{(10)}-2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{220}^{(21)}$$
$$-4m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{211}^{(11)}+6m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{121}^{(10)}+2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{310}^{(21)}$$
$$-2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{211}^{(10)}+2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(22)}m_{310}^{(11)}-2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(22)}m_{220}^{(10)}$$
$$+m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(00)}m_{211}^{(22)}+m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(00)}m_{202}^{(21)}-m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(00)}m_{112}^{(20)}$$
$$+m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(00)}m_{103}^{(10)}-2m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(00)}m_{013}^{(00)}-m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(10)}m_{301}^{(22)}$$
$$+m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(10)}m_{103}^{(00)}-m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(20)}m_{310}^{(22)}-2m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(20)}m_{301}^{(21)}$$
$$+2m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(20)}m_{211}^{(20)}-2m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(20)}m_{202}^{(10)}+3m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(20)}m_{112}^{(00)}$$
$$+m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(21)}m_{400}^{(22)}-m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(21)}m_{202}^{(00)}+m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(22)}m_{400}^{(21)}$$
$$-m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(22)}m_{310}^{(20)}+m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(22)}m_{301}^{(10)}-m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(22)}m_{211}^{(00)}$$
$$-m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{211}^{(21)}-m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{202}^{(11)}-m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{121}^{(20)}$$
$$+m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{112}^{(10)}+2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{022}^{(00)}+m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{301}^{(21)}$$
$$+m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{211}^{(20)}-m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{202}^{(10)}-m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{112}^{(00)}$$
$$+m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{310}^{(21)}+2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{301}^{(11)}+m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{220}^{(20)}$$
$$-m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{211}^{(10)}-3m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{121}^{(00)}-m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(21)}m_{400}^{(21)}$$
$$-m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(21)}m_{310}^{(20)}+m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(21)}m_{301}^{(10)}+m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(21)}m_{211}^{(00)}$$
$$-m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(22)}m_{400}^{(11)}+m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(22)}m_{220}^{(00)}+m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(00)}m_{121}^{(22)}$$
$$+2m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(00)}m_{112}^{(21)}+m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(00)}m_{103}^{(11)}-2m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(00)}m_{022}^{(20)}$$
$$-2m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(00)}m_{013}^{(10)}-m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(10)}m_{211}^{(22)}-m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(10)}m_{202}^{(21)}$$
$$+m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(10)}m_{112}^{(20)}+m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(10)}m_{103}^{(10)}-m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{220}^{(22)}$$
$$-3m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{211}^{(21)}-2m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{202}^{(11)}+3m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{121}^{(20)}$$
$$+3m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{112}^{(10)}+m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(21)}m_{310}^{(22)}+m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(21)}m_{301}^{(21)}$$
$$-m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(21)}m_{211}^{(20)}-m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(21)}m_{202}^{(10)}+m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(22)}m_{310}^{(21)}$$
$$+m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(22)}m_{301}^{(11)}-m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(22)}m_{220}^{(20)}-m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(22)}m_{211}^{(10)}$$
$$-m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(00)}m_{211}^{(22)}-m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(00)}m_{202}^{(21)}+m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(00)}m_{112}^{(20)}$$
$$-m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(00)}m_{103}^{(10)}+2m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(00)}m_{013}^{(00)}+m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(10)}m_{301}^{(22)}$$
$$-m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(10)}m_{103}^{(00)}+m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(20)}m_{310}^{(22)}+2m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(20)}m_{301}^{(21)}$$
$$-2m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(20)}m_{211}^{(20)}+2m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(20)}m_{202}^{(10)}-3m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(20)}m_{112}^{(00)}$$
$$-m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(21)}m_{400}^{(22)}+m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(21)}m_{202}^{(00)}-m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(22)}m_{400}^{(21)}$$
$$+m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(22)}m_{310}^{(20)}-m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(22)}m_{301}^{(10)}+m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(22)}m_{211}^{(00)}$$
$$-m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{211}^{(21)}-m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{202}^{(11)}-m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{121}^{(20)}$$
$$+m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{112}^{(10)}+2m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{022}^{(00)}+m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{301}^{(21)}$$
$$+m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{211}^{(20)}-m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{202}^{(10)}-m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{112}^{(00)}$$
$$+m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{310}^{(21)}+2m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{301}^{(11)}+m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{220}^{(20)}$$
$$-m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{211}^{(10)}-3m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{121}^{(00)}-m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(21)}m_{400}^{(21)}$$
$$-m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(21)}m_{310}^{(20)}+m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(21)}m_{301}^{(10)}+m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(21)}m_{211}^{(00)}$$

$$
\begin{aligned}
&-m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(22)}m_{400}^{(11)}+m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(22)}m_{220}^{(00)}+2m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(00)}m_{211}^{(20)}\\
&+2m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(00)}m_{202}^{(10)}-4m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(00)}m_{112}^{(00)}-2m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(10)}m_{301}^{(20)}\\
&+2m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(10)}m_{202}^{(00)}-2m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(20)}m_{310}^{(20)}-4m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(20)}m_{301}^{(10)}\\
&+6m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(20)}m_{211}^{(00)}+2m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(21)}m_{400}^{(20)}-2m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(21)}m_{301}^{(00)}\\
&+2m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(22)}m_{400}^{(10)}-2m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(22)}m_{310}^{(00)}-m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(00)}m_{121}^{(21)}\\
&-m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(00)}m_{112}^{(11)}+2m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(00)}m_{022}^{(10)}+m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{211}^{(21)}\\
&-m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{112}^{(10)}+m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{220}^{(21)}+2m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{211}^{(11)}\\
&-3m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{121}^{(10)}-m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{310}^{(21)}+m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{211}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(22)}m_{310}^{(11)}+m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(22)}m_{220}^{(10)}+m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(00)}m_{211}^{(21)}\\
&+m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(00)}m_{202}^{(11)}+m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(00)}m_{121}^{(20)}-m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(00)}m_{112}^{(10)}\\
&-2m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(00)}m_{022}^{(00)}-m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{301}^{(21)}-m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{211}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{202}^{(10)}+m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{112}^{(00)}-m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{310}^{(21)}\\
&-2m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{301}^{(11)}-m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{220}^{(20)}+m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{211}^{(10)}\\
&+3m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{121}^{(00)}+m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(21)}m_{400}^{(21)}+m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(21)}m_{310}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(21)}m_{301}^{(10)}-m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(21)}m_{211}^{(00)}+m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(22)}m_{400}^{(11)}\\
&-m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(22)}m_{220}^{(00)}-m_{000}^{(21)}m_{010}^{(22)}m_{020}^{(00)}m_{211}^{(20)}-m_{000}^{(21)}m_{010}^{(22)}m_{020}^{(00)}m_{202}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(22)}m_{020}^{(00)}m_{112}^{(00)}+m_{000}^{(21)}m_{010}^{(22)}m_{020}^{(10)}m_{301}^{(20)}-m_{000}^{(21)}m_{010}^{(22)}m_{020}^{(10)}m_{202}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(22)}m_{020}^{(20)}m_{310}^{(20)}+2m_{000}^{(21)}m_{010}^{(22)}m_{020}^{(20)}m_{301}^{(10)}-3m_{000}^{(21)}m_{010}^{(22)}m_{020}^{(20)}m_{211}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(22)}m_{020}^{(21)}m_{400}^{(20)}+m_{000}^{(21)}m_{010}^{(22)}m_{020}^{(21)}m_{301}^{(00)}-m_{000}^{(21)}m_{010}^{(22)}m_{020}^{(22)}m_{400}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(22)}m_{020}^{(22)}m_{310}^{(00)}+m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(00)}m_{121}^{(22)}+m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(00)}m_{112}^{(21)}\\
&-2m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(00)}m_{022}^{(20)}-2m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(10)}m_{211}^{(22)}-m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(10)}m_{202}^{(21)}\\
&+3m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(10)}m_{112}^{(20)}+m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(11)}m_{301}^{(22)}-m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(11)}m_{202}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(20)}m_{211}^{(21)}+m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(20)}m_{121}^{(20)}+m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(21)}m_{301}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(21)}m_{211}^{(20)}-m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(00)}m_{130}^{(22)}-2m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(00)}m_{121}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(00)}m_{112}^{(11)}+2m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(00)}m_{031}^{(20)}+2m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(00)}m_{022}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{220}^{(22)}+3m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{211}^{(21)}+m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{202}^{(11)}\\
&-3m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{121}^{(20)}-3m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{112}^{(10)}-m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(11)}m_{310}^{(22)}\\
&-m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(11)}m_{301}^{(21)}+m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(11)}m_{211}^{(20)}+m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(11)}m_{202}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{220}^{(21)}+m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{211}^{(11)}-m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{130}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{121}^{(10)}-m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{310}^{(21)}-m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{301}^{(11)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{220}^{(20)}+m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{211}^{(10)}+m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(00)}m_{130}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{002}^{(00)}m_{121}^{(11)}-2m_{000}^{(21)}m_{001}^{(00)}m_{002}^{(00)}m_{031}^{(10)}-2m_{000}^{(21)}m_{001}^{(00)}m_{002}^{(10)}m_{220}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(00)}m_{002}^{(10)}m_{211}^{(11)}+3m_{000}^{(21)}m_{001}^{(00)}m_{002}^{(10)}m_{121}^{(10)}+m_{000}^{(21)}m_{001}^{(00)}m_{002}^{(11)}m_{310}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(00)}m_{002}^{(11)}m_{211}^{(10)}-m_{000}^{(21)}m_{001}^{(00)}m_{002}^{(20)}m_{220}^{(11)}+m_{000}^{(21)}m_{001}^{(00)}m_{002}^{(20)}m_{130}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{002}^{(21)}m_{310}^{(11)}-m_{000}^{(21)}m_{001}^{(00)}m_{002}^{(21)}m_{220}^{(10)}-2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(00)}m_{121}^{(22)}\\
&-2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(00)}m_{112}^{(21)}+4m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(00)}m_{022}^{(20)}+4m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{211}^{(22)}\\
&+2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{202}^{(21)}-6m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{112}^{(20)}-2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(11)}m_{301}^{(22)}\\
&+2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(11)}m_{202}^{(20)}+2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{211}^{(21)}-2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{121}^{(20)}
\end{aligned}
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\begin{aligned}
&-2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{301}^{(21)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{211}^{(20)} + m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{130}^{(22)}\\
&+2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{121}^{(21)} + m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{112}^{(11)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{031}^{(20)}\\
&-2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{022}^{(10)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{220}^{(22)} - 3m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{211}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{202}^{(11)} + 3m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{121}^{(20)} + 3m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{112}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(11)}m_{310}^{(22)} + m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(11)}m_{301}^{(21)} - m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(11)}m_{211}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(11)}m_{202}^{(10)} - m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{220}^{(21)} - m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{211}^{(11)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{130}^{(20)} + m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{121}^{(10)} + m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{310}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{301}^{(11)} - m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{220}^{(20)} - m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{211}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{220}^{(22)} + m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{211}^{(21)} - m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{121}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{112}^{(10)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{022}^{(00)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{310}^{(22)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{301}^{(21)} + m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{211}^{(20)} - m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{202}^{(10)}\\
&+3m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{112}^{(00)} + m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(11)}m_{400}^{(22)} - m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(11)}m_{202}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{310}^{(21)} + m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{220}^{(20)} - m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{211}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{121}^{(00)} + m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{400}^{(21)} - m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{310}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{301}^{(10)} - m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{211}^{(00)} - m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(00)}m_{220}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(00)}m_{211}^{(11)} - m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(00)}m_{130}^{(20)} + m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(00)}m_{121}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(00)}m_{031}^{(00)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{310}^{(21)} + m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{301}^{(11)}\\
&+2m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{220}^{(20)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{211}^{(10)} - 3m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{121}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(11)}m_{400}^{(21)} - m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(11)}m_{310}^{(20)} + m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(11)}m_{301}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(11)}m_{211}^{(00)} + m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(20)}m_{310}^{(11)} - m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(20)}m_{130}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(21)}m_{400}^{(11)} + m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(21)}m_{220}^{(00)} + m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(00)}m_{121}^{(22)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(00)}m_{112}^{(21)} - 2m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(00)}m_{022}^{(20)} - 2m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{211}^{(22)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{202}^{(21)} + 3m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{112}^{(20)} + m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(11)}m_{301}^{(22)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(11)}m_{202}^{(20)} - m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{211}^{(21)} + m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{121}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{301}^{(21)} - m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{211}^{(20)} - m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{220}^{(22)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{211}^{(21)} + m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{121}^{(20)} - m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{112}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{022}^{(00)} + 2m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{310}^{(22)} + m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{301}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{211}^{(20)} + m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{202}^{(10)} - 3m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{112}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(11)}m_{400}^{(22)} + m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(11)}m_{202}^{(00)} + m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{310}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{220}^{(20)} + m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{211}^{(10)} - m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{121}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{400}^{(21)} + m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{310}^{(20)} - m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{301}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{211}^{(00)} + m_{000}^{(21)}m_{001}^{(11)}m_{002}^{(00)}m_{220}^{(20)} + m_{000}^{(21)}m_{001}^{(11)}m_{002}^{(00)}m_{211}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(11)}m_{002}^{(00)}m_{121}^{(00)} - 2m_{000}^{(21)}m_{001}^{(11)}m_{002}^{(10)}m_{310}^{(20)} - m_{000}^{(21)}m_{001}^{(11)}m_{002}^{(10)}m_{301}^{(10)}\\
&+3m_{000}^{(21)}m_{001}^{(11)}m_{002}^{(10)}m_{211}^{(00)} + m_{000}^{(21)}m_{001}^{(11)}m_{002}^{(11)}m_{400}^{(20)} - m_{000}^{(21)}m_{001}^{(11)}m_{002}^{(11)}m_{301}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{002}^{(20)}m_{310}^{(10)} + m_{000}^{(21)}m_{001}^{(11)}m_{002}^{(20)}m_{220}^{(00)} + m_{000}^{(21)}m_{001}^{(11)}m_{002}^{(21)}m_{400}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{002}^{(21)}m_{310}^{(00)} + m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{130}^{(22)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{121}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{112}^{(11)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{031}^{(20)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{022}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{220}^{(22)} - 3m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{211}^{(21)} - m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{202}^{(11)}
\end{aligned}
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$$+3m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{121}^{(20)}+3m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{112}^{(10)}+m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{310}^{(22)}$$
$$+m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{301}^{(21)}-m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{211}^{(20)}-m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{202}^{(10)}$$
$$-m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{220}^{(21)}-m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{211}^{(11)}+m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{130}^{(20)}$$
$$+m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{121}^{(10)}+m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{310}^{(21)}+m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{301}^{(11)}$$
$$-m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{220}^{(20)}-m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{211}^{(10)}-2m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(00)}m_{130}^{(21)}$$
$$-2m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(00)}m_{121}^{(11)}+4m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(00)}m_{031}^{(10)}+4m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{220}^{(21)}$$
$$+2m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{211}^{(11)}-6m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{121}^{(10)}-2m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{310}^{(21)}$$
$$+2m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{211}^{(10)}+2m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(20)}m_{220}^{(11)}-2m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(20)}m_{130}^{(10)}$$
$$-2m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(21)}m_{310}^{(11)}+2m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(21)}m_{220}^{(10)}-m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{220}^{(22)}$$
$$-m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{211}^{(21)}+m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{121}^{(20)}-m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{112}^{(10)}$$
$$+2m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{022}^{(00)}+2m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{310}^{(22)}+m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{301}^{(21)}$$
$$-m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{211}^{(20)}+m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{202}^{(10)}-3m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{112}^{(00)}$$
$$-m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(11)}m_{400}^{(22)}+m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(11)}m_{202}^{(00)}+m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{310}^{(21)}$$
$$-m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{220}^{(20)}+m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{211}^{(10)}-m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{121}^{(00)}$$
$$-m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(21)}m_{400}^{(21)}+m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(21)}m_{310}^{(20)}-m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(21)}m_{301}^{(10)}$$
$$+m_{000}^{(21)}m_{001}^{(20)}m_{021}^{(00)}m_{211}^{(21)}+m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{220}^{(21)}+m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{211}^{(11)}$$
$$+m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{130}^{(20)}-m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{121}^{(10)}-2m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{031}^{(00)}$$
$$-2m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{310}^{(21)}-m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{301}^{(11)}-2m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{220}^{(20)}$$
$$+2m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{211}^{(10)}+3m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{121}^{(00)}+m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(11)}m_{400}^{(21)}$$
$$+m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(11)}m_{310}^{(20)}-m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(11)}m_{301}^{(10)}-m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(11)}m_{211}^{(00)}$$
$$-m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(20)}m_{310}^{(11)}+m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(20)}m_{130}^{(00)}+m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(21)}m_{400}^{(11)}$$
$$-m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(21)}m_{220}^{(00)}-m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{130}^{(22)}-2m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{121}^{(21)}$$
$$-m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{112}^{(11)}+2m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{031}^{(20)}+2m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{022}^{(10)}$$
$$+2m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{220}^{(22)}+3m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{211}^{(21)}+m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{202}^{(11)}$$
$$-3m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{121}^{(20)}-3m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{112}^{(10)}-m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(11)}m_{310}^{(22)}$$
$$-m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(11)}m_{301}^{(21)}+m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(11)}m_{211}^{(20)}+m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(11)}m_{202}^{(10)}$$
$$+m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{220}^{(21)}+m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{211}^{(11)}-m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{130}^{(20)}$$
$$-m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{121}^{(10)}-m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{310}^{(21)}-m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{301}^{(11)}$$
$$+m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{220}^{(20)}+m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{211}^{(10)}+m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{220}^{(22)}$$
$$+m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{211}^{(21)}-m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{121}^{(20)}+m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{112}^{(10)}$$
$$-2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{022}^{(00)}-2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{310}^{(22)}-m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{301}^{(21)}$$
$$+m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{211}^{(20)}-m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{202}^{(10)}+3m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{112}^{(00)}$$
$$+m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(11)}m_{400}^{(22)}-m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(11)}m_{202}^{(00)}-m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{310}^{(21)}$$
$$+m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{220}^{(20)}-m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{211}^{(10)}+m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{121}^{(00)}$$
$$+m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{400}^{(21)}-m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{310}^{(20)}+m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{301}^{(10)}$$
$$-m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{211}^{(00)}+m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{220}^{(21)}+m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{211}^{(11)}$$
$$+m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{130}^{(20)}-m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{121}^{(10)}-2m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{031}^{(00)}$$
$$-2m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{310}^{(21)}-m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{301}^{(11)}-2m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{220}^{(20)}$$

$$+2m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{211}^{(10)}+3m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{121}^{(00)}+m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(11)}m_{400}^{(21)}$$
$$+m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(11)}m_{310}^{(20)}-m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(11)}m_{301}^{(10)}-m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(11)}m_{211}^{(00)}$$
$$-m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(20)}m_{310}^{(11)}+m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(20)}m_{130}^{(00)}+m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(21)}m_{400}^{(11)}$$
$$-m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(21)}m_{220}^{(00)}-2m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{220}^{(20)}-2m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{211}^{(10)}$$
$$+4m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{121}^{(00)}+4m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{310}^{(20)}+2m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{301}^{(10)}$$
$$-6m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{211}^{(00)}-2m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(11)}m_{400}^{(20)}+2m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(11)}m_{301}^{(00)}$$
$$+2m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(20)}m_{310}^{(10)}-2m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(20)}m_{220}^{(00)}-2m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(21)}m_{400}^{(10)}$$
$$+2m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(21)}m_{310}^{(00)}+m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(00)}m_{130}^{(21)}+m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(00)}m_{121}^{(11)}$$
$$-2m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(00)}m_{031}^{(10)}-2m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{220}^{(21)}-m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{211}^{(11)}$$
$$+3m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{121}^{(10)}+m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{310}^{(21)}-m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{211}^{(10)}$$
$$-m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(20)}m_{220}^{(11)}+m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(20)}m_{130}^{(10)}+m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(21)}m_{310}^{(11)}$$
$$-m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(21)}m_{220}^{(10)}-m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{220}^{(21)}-m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{211}^{(11)}$$
$$-m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{130}^{(20)}+m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{121}^{(10)}+2m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{031}^{(00)}$$
$$+2m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{310}^{(21)}+m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{301}^{(11)}+2m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{220}^{(20)}$$
$$-2m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{211}^{(10)}-3m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{121}^{(00)}-m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(11)}m_{400}^{(21)}$$
$$-m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(11)}m_{310}^{(20)}+m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(11)}m_{301}^{(10)}+m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(11)}m_{211}^{(00)}$$
$$+m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(20)}m_{310}^{(11)}-m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(20)}m_{130}^{(00)}-m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(21)}m_{400}^{(11)}$$
$$+m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(21)}m_{220}^{(00)}+m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{220}^{(20)}+m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{211}^{(10)}$$
$$-2m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{121}^{(00)}-2m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{310}^{(20)}-m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{301}^{(10)}$$
$$+3m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{211}^{(00)}+m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(11)}m_{400}^{(20)}-m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(11)}m_{301}^{(00)}$$
$$-m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(20)}m_{310}^{(10)}+m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(20)}m_{220}^{(00)}+m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(21)}m_{400}^{(10)}$$
$$-m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(21)}m_{310}^{(00)}-m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(10)}m_{112}^{(21)}+m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(10)}m_{022}^{(20)}$$
$$+m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(11)}m_{202}^{(21)}-m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(11)}m_{112}^{(20)}+m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(20)}m_{121}^{(21)}$$
$$-m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(20)}m_{031}^{(20)}-m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(21)}m_{211}^{(21)}+m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(21)}m_{121}^{(20)}$$
$$+m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(10)}m_{121}^{(21)}+m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(10)}m_{112}^{(11)}-m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(10)}m_{031}^{(20)}$$
$$-m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(10)}m_{022}^{(10)}-m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(11)}m_{211}^{(21)}-m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(11)}m_{202}^{(11)}$$
$$+m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(11)}m_{121}^{(20)}+m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(11)}m_{112}^{(10)}-m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(20)}m_{130}^{(21)}$$
$$-m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(20)}m_{121}^{(11)}+m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(20)}m_{040}^{(20)}+m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(20)}m_{031}^{(10)}$$
$$+m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(21)}m_{220}^{(21)}+m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(21)}m_{211}^{(11)}-m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(21)}m_{130}^{(20)}$$
$$-m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(21)}m_{121}^{(10)}-m_{000}^{(22)}m_{100}^{(00)}m_{002}^{(10)}m_{121}^{(11)}+m_{000}^{(22)}m_{100}^{(00)}m_{002}^{(10)}m_{031}^{(10)}$$
$$+m_{000}^{(22)}m_{100}^{(00)}m_{002}^{(11)}m_{211}^{(11)}-m_{000}^{(22)}m_{100}^{(00)}m_{002}^{(11)}m_{121}^{(10)}+m_{000}^{(22)}m_{100}^{(00)}m_{002}^{(20)}m_{130}^{(11)}$$
$$-m_{000}^{(22)}m_{100}^{(00)}m_{002}^{(20)}m_{040}^{(10)}-m_{000}^{(22)}m_{100}^{(00)}m_{002}^{(21)}m_{220}^{(11)}+m_{000}^{(22)}m_{100}^{(00)}m_{002}^{(21)}m_{130}^{(10)}$$
$$+2m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(10)}m_{112}^{(21)}-2m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(10)}m_{022}^{(20)}-2m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(11)}m_{202}^{(21)}$$
$$+2m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(11)}m_{112}^{(20)}-2m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(20)}m_{121}^{(21)}+2m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(20)}m_{031}^{(20)}$$
$$+2m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(21)}m_{211}^{(21)}-2m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(21)}m_{121}^{(20)}-m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(10)}m_{121}^{(21)}$$
$$-m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(10)}m_{112}^{(11)}+m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(10)}m_{031}^{(20)}+m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(10)}m_{022}^{(10)}$$
$$+m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(11)}m_{211}^{(21)}+m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(11)}m_{202}^{(11)}-m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(11)}m_{121}^{(20)}$$
$$-m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(11)}m_{112}^{(10)}+m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(20)}m_{130}^{(21)}+m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(20)}m_{121}^{(11)}$$

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\begin{aligned}
&-m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(20)}m_{040}^{(20)} - m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(20)}m_{031}^{(10)} - m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(21)}m_{220}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(21)}m_{211}^{(11)} + m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(21)}m_{130}^{(20)} + m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(21)}m_{121}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(10)}m_{211}^{(21)} + m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(10)}m_{121}^{(20)} - m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(10)}m_{112}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(10)}m_{022}^{(00)} + m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(11)}m_{301}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(11)}m_{211}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(11)}m_{202}^{(10)} - m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(11)}m_{112}^{(00)} + m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(20)}m_{220}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(20)}m_{130}^{(20)} + m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(20)}m_{121}^{(10)} - m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(20)}m_{031}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(21)}m_{310}^{(21)} + m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(21)}m_{220}^{(20)} - m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(21)}m_{211}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(21)}m_{121}^{(00)} + m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(10)}m_{211}^{(11)} - m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(10)}m_{031}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(11)}m_{301}^{(11)} + m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(11)}m_{121}^{(00)} - m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(20)}m_{220}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(20)}m_{040}^{(00)} + m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(21)}m_{310}^{(11)} - m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(21)}m_{130}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(10)}m_{112}^{(21)} + m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(10)}m_{022}^{(20)} + m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(11)}m_{202}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(11)}m_{112}^{(20)} + m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(20)}m_{121}^{(21)} - m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(20)}m_{031}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(21)}m_{211}^{(21)} + m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(21)}m_{121}^{(20)} + m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(10)}m_{211}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(10)}m_{121}^{(20)} + m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(10)}m_{112}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(10)}m_{022}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(11)}m_{301}^{(21)} + m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(11)}m_{211}^{(20)} - m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(11)}m_{202}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(11)}m_{112}^{(00)} - m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(20)}m_{220}^{(21)} + m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(20)}m_{130}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(20)}m_{121}^{(10)} + m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(20)}m_{031}^{(00)} + m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(21)}m_{310}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(21)}m_{220}^{(20)} + m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(21)}m_{211}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(21)}m_{121}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(10)}m_{211}^{(10)} + m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(10)}m_{121}^{(00)} + m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(11)}m_{301}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(11)}m_{211}^{(00)} + m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(20)}m_{220}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(20)}m_{130}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(21)}m_{310}^{(10)} + m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(21)}m_{220}^{(00)} - m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(10)}m_{121}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(10)}m_{112}^{(11)} + m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(10)}m_{031}^{(20)} + m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(10)}m_{022}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(11)}m_{211}^{(21)} + m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(11)}m_{202}^{(11)} - m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(11)}m_{121}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(11)}m_{112}^{(10)} + m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(20)}m_{130}^{(21)} + m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(20)}m_{121}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(20)}m_{040}^{(20)} - m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(20)}m_{031}^{(10)} - m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(21)}m_{220}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(21)}m_{211}^{(11)} + m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(21)}m_{130}^{(20)} + m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(21)}m_{121}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(10)}m_{121}^{(11)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(10)}m_{031}^{(10)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(11)}m_{211}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(11)}m_{121}^{(10)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(20)}m_{130}^{(11)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(20)}m_{040}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(21)}m_{220}^{(11)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(21)}m_{130}^{(10)} + m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(10)}m_{211}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(10)}m_{121}^{(20)} + m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(10)}m_{112}^{(10)} - m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(10)}m_{022}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(11)}m_{301}^{(21)} + m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(11)}m_{211}^{(20)} - m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(11)}m_{202}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(11)}m_{112}^{(00)} - m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(20)}m_{220}^{(21)} + m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(20)}m_{130}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(20)}m_{121}^{(10)} + m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(20)}m_{031}^{(00)} + m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(21)}m_{310}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(21)}m_{220}^{(20)} + m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(21)}m_{211}^{(10)} - m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(21)}m_{121}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(10)}m_{211}^{(11)} + m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(10)}m_{031}^{(00)} + m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(11)}m_{301}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(11)}m_{121}^{(00)} + m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(20)}m_{220}^{(11)} - m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(20)}m_{040}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(21)}m_{310}^{(11)} + m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(21)}m_{130}^{(00)} + m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(10)}m_{121}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(10)}m_{112}^{(11)} - m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(10)}m_{031}^{(20)} - m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(10)}m_{022}^{(10)}
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&-m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(11)}m_{211}^{(21)} - m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(11)}m_{202}^{(11)} + m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(11)}m_{121}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(11)}m_{112}^{(10)} - m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(20)}m_{130}^{(21)} - m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(20)}m_{121}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(20)}m_{040}^{(20)} + m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(20)}m_{031}^{(10)} + m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(21)}m_{220}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(21)}m_{211}^{(11)} - m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(21)}m_{130}^{(20)} - m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(21)}m_{121}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(10)}m_{211}^{(21)} + m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(10)}m_{121}^{(20)} - m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(10)}m_{112}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(10)}m_{022}^{(00)} + m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(11)}m_{301}^{(21)} - m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(11)}m_{211}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(11)}m_{202}^{(10)} - m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(11)}m_{112}^{(00)} + m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(20)}m_{220}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(20)}m_{130}^{(20)} + m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(20)}m_{121}^{(10)} - m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(20)}m_{031}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(21)}m_{310}^{(21)} + m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(21)}m_{220}^{(20)} - m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(21)}m_{211}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(21)}m_{121}^{(00)} - m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(10)}m_{211}^{(11)} + m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(10)}m_{031}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(11)}m_{301}^{(11)} - m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(11)}m_{121}^{(00)} + m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(20)}m_{220}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(20)}m_{040}^{(00)} - m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(21)}m_{310}^{(11)} + m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(21)}m_{130}^{(00)}\\
&+2m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(10)}m_{211}^{(10)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(10)}m_{121}^{(00)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(11)}m_{301}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(11)}m_{211}^{(00)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(20)}m_{220}^{(10)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(20)}m_{130}^{(00)}\\
&+2m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(21)}m_{310}^{(10)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(21)}m_{220}^{(00)} - m_{000}^{(22)}m_{100}^{(22)}m_{200}^{(10)}m_{121}^{(11)}\\
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&+m_{000}^{(22)}m_{100}^{(22)}m_{200}^{(20)}m_{130}^{(11)} - m_{000}^{(22)}m_{100}^{(22)}m_{200}^{(20)}m_{040}^{(10)} - m_{000}^{(22)}m_{100}^{(22)}m_{200}^{(21)}m_{220}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(22)}m_{200}^{(21)}m_{130}^{(10)} + m_{000}^{(22)}m_{100}^{(22)}m_{110}^{(10)}m_{211}^{(11)} - m_{000}^{(22)}m_{100}^{(22)}m_{110}^{(10)}m_{031}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(22)}m_{110}^{(11)}m_{301}^{(11)} + m_{000}^{(22)}m_{100}^{(22)}m_{110}^{(11)}m_{121}^{(00)} - m_{000}^{(22)}m_{100}^{(22)}m_{110}^{(20)}m_{220}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(22)}m_{110}^{(20)}m_{040}^{(00)} + m_{000}^{(22)}m_{100}^{(22)}m_{110}^{(21)}m_{310}^{(11)} - m_{000}^{(22)}m_{100}^{(22)}m_{110}^{(21)}m_{130}^{(00)}\\
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&+m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(00)}m_{031}^{(20)} + m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(00)}m_{022}^{(10)} + m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(10)}m_{211}^{(21)}\\
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&+m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(21)}m_{220}^{(20)} + m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(21)}m_{211}^{(10)} + m_{000}^{(22)}m_{010}^{(00)}m_{002}^{(00)}m_{121}^{(11)}\\
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&+2m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(10)}m_{202}^{(21)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(10)}m_{112}^{(20)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(20)}m_{211}^{(21)}\\
&-2m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(20)}m_{121}^{(20)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(21)}m_{301}^{(21)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(21)}m_{211}^{(20)}\\
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&-m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(20)}m_{211}^{(11)} + m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(20)}m_{130}^{(20)} + m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(20)}m_{121}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(21)}m_{310}^{(21)} + m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(21)}m_{301}^{(11)} - m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(21)}m_{220}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(21)}m_{211}^{(10)} + m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(00)}m_{211}^{(21)} - m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(00)}m_{121}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(00)}m_{112}^{(10)} - m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(00)}m_{022}^{(00)} - m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(10)}m_{301}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(10)}m_{211}^{(20)} - m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(10)}m_{202}^{(10)} + m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(10)}m_{112}^{(00)}\\
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&+m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(20)}m_{121}^{(00)} + m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(21)}m_{400}^{(21)} - m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(21)}m_{310}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(21)}m_{301}^{(10)} - m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(21)}m_{211}^{(00)} - m_{000}^{(22)}m_{010}^{(10)}m_{002}^{(00)}m_{211}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{002}^{(00)}m_{031}^{(00)} + m_{000}^{(22)}m_{010}^{(10)}m_{002}^{(10)}m_{301}^{(11)} - m_{000}^{(22)}m_{010}^{(10)}m_{002}^{(10)}m_{121}^{(00)}\\
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&+m_{000}^{(22)}m_{010}^{(10)}m_{002}^{(21)}m_{220}^{(00)} + m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(00)}m_{112}^{(21)} - m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(00)}m_{022}^{(20)}\\
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&+m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(00)}m_{022}^{(00)} + m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(10)}m_{301}^{(21)} - m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(10)}m_{211}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(10)}m_{202}^{(10)} - m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(10)}m_{112}^{(00)} + m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(20)}m_{310}^{(21)}\\
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&+m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(21)}m_{211}^{(00)} + m_{000}^{(22)}m_{010}^{(11)}m_{002}^{(00)}m_{211}^{(10)} - m_{000}^{(22)}m_{010}^{(11)}m_{002}^{(00)}m_{121}^{(00)}\\
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&+m_{000}^{(22)}m_{010}^{(11)}m_{002}^{(20)}m_{220}^{(00)} + m_{000}^{(22)}m_{010}^{(11)}m_{002}^{(21)}m_{400}^{(10)} - m_{000}^{(22)}m_{010}^{(11)}m_{002}^{(21)}m_{310}^{(00)}\\
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&-m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(20)}m_{211}^{(11)} + m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(20)}m_{130}^{(20)} + m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(20)}m_{121}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(21)}m_{310}^{(21)} + m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(21)}m_{301}^{(11)} - m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(21)}m_{220}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(21)}m_{211}^{(10)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(00)}m_{121}^{(11)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(00)}m_{031}^{(10)}\\
&+2m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(10)}m_{211}^{(11)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(10)}m_{121}^{(10)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(20)}m_{220}^{(11)}\\
&-2m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(20)}m_{130}^{(10)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(21)}m_{310}^{(11)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(21)}m_{220}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(00)}m_{211}^{(21)} + m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(00)}m_{121}^{(20)} - m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(00)}m_{112}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(00)}m_{022}^{(00)} + m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(10)}m_{301}^{(21)} - m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(10)}m_{211}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(10)}m_{202}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(10)}m_{112}^{(00)} + m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(20)}m_{310}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(20)}m_{220}^{(20)} + m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(20)}m_{211}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(20)}m_{121}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(21)}m_{400}^{(21)} + m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(21)}m_{310}^{(20)} - m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(21)}m_{301}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(21)}m_{211}^{(00)} + m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(00)}m_{211}^{(11)} - m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(00)}m_{031}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{301}^{(11)} + m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{121}^{(00)} - m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(20)}m_{310}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(20)}m_{130}^{(00)} + m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(21)}m_{400}^{(11)} - m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(21)}m_{220}^{(00)}
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&-m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(00)}m_{121}^{(21)} - m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(00)}m_{112}^{(11)} + m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(00)}m_{031}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(00)}m_{022}^{(10)} + m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(10)}m_{211}^{(21)} + m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(10)}m_{202}^{(11)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(10)}m_{121}^{(20)} - m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(10)}m_{112}^{(10)} + m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(20)}m_{220}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(20)}m_{211}^{(11)} - m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(20)}m_{130}^{(20)} - m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(20)}m_{121}^{(10)}\\
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&+m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(21)}m_{211}^{(10)} + m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(00)}m_{211}^{(21)} - m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(00)}m_{121}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(00)}m_{112}^{(10)} - m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(00)}m_{022}^{(00)} - m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{301}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{211}^{(20)} - m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{202}^{(10)} + m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{112}^{(00)}\\
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&+m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(21)}m_{301}^{(10)} - m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(21)}m_{211}^{(00)} + m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(00)}m_{211}^{(11)}\\
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&+2m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(10)}m_{301}^{(10)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(10)}m_{211}^{(00)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(20)}m_{310}^{(10)}\\
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&+m_{000}^{(22)}m_{010}^{(22)}m_{200}^{(00)}m_{121}^{(11)} - m_{000}^{(22)}m_{010}^{(22)}m_{200}^{(00)}m_{031}^{(10)} - m_{000}^{(22)}m_{010}^{(22)}m_{200}^{(10)}m_{211}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(22)}m_{200}^{(10)}m_{121}^{(10)} - m_{000}^{(22)}m_{010}^{(22)}m_{200}^{(20)}m_{220}^{(11)} + m_{000}^{(22)}m_{010}^{(22)}m_{200}^{(20)}m_{130}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(22)}m_{200}^{(21)}m_{310}^{(11)} - m_{000}^{(22)}m_{010}^{(22)}m_{200}^{(21)}m_{220}^{(10)} - m_{000}^{(22)}m_{010}^{(22)}m_{110}^{(00)}m_{211}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(22)}m_{110}^{(00)}m_{031}^{(00)} + m_{000}^{(22)}m_{010}^{(22)}m_{110}^{(10)}m_{301}^{(11)} - m_{000}^{(22)}m_{010}^{(22)}m_{110}^{(10)}m_{121}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(22)}m_{110}^{(20)}m_{310}^{(11)} - m_{000}^{(22)}m_{010}^{(22)}m_{110}^{(20)}m_{130}^{(00)} - m_{000}^{(22)}m_{010}^{(22)}m_{110}^{(21)}m_{400}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(22)}m_{110}^{(21)}m_{220}^{(00)} + m_{000}^{(22)}m_{010}^{(22)}m_{020}^{(00)}m_{211}^{(10)} - m_{000}^{(22)}m_{010}^{(22)}m_{020}^{(00)}m_{121}^{(00)}\\
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&+m_{000}^{(22)}m_{010}^{(22)}m_{020}^{(20)}m_{220}^{(00)} + m_{000}^{(22)}m_{010}^{(22)}m_{020}^{(21)}m_{400}^{(10)} - m_{000}^{(22)}m_{010}^{(22)}m_{020}^{(21)}m_{310}^{(00)}\\
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&+m_{000}^{(22)}m_{001}^{(00)}m_{011}^{(00)}m_{130}^{(21)} + m_{000}^{(22)}m_{001}^{(00)}m_{011}^{(00)}m_{121}^{(11)} - m_{000}^{(22)}m_{001}^{(00)}m_{011}^{(00)}m_{040}^{(20)}\\
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&+2m_{000}^{(22)}m_{001}^{(00)}m_{011}^{(10)}m_{130}^{(20)} + 2m_{000}^{(22)}m_{001}^{(00)}m_{011}^{(10)}m_{121}^{(10)} + m_{000}^{(22)}m_{001}^{(00)}m_{011}^{(11)}m_{310}^{(21)}\\
&+m_{000}^{(22)}m_{001}^{(00)}m_{011}^{(11)}m_{301}^{(11)} - m_{000}^{(22)}m_{001}^{(00)}m_{011}^{(11)}m_{220}^{(20)} - m_{000}^{(22)}m_{001}^{(00)}m_{011}^{(11)}m_{211}^{(10)}\\
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&-2m_{000}^{(22)}m_{001}^{(00)}m_{002}^{(10)}m_{130}^{(10)} - m_{000}^{(22)}m_{001}^{(00)}m_{002}^{(11)}m_{310}^{(11)} + m_{000}^{(22)}m_{001}^{(00)}m_{002}^{(11)}m_{220}^{(10)}\\
&+2m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(00)}m_{121}^{(21)} - 2m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(00)}m_{031}^{(20)} - 4m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{211}^{(21)}\\
&+4m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{121}^{(20)} + 2m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(11)}m_{301}^{(21)} - 2m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(11)}m_{211}^{(20)}\\
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&-m_{000}^{(22)}m_{001}^{(10)}m_{011}^{(00)}m_{220}^{(21)}+m_{000}^{(22)}m_{001}^{(10)}m_{011}^{(00)}m_{130}^{(20)}-m_{000}^{(22)}m_{001}^{(10)}m_{011}^{(00)}m_{121}^{(10)}\\
&+m_{000}^{(22)}m_{001}^{(10)}m_{011}^{(00)}m_{031}^{(00)}+2m_{000}^{(22)}m_{001}^{(10)}m_{011}^{(10)}m_{310}^{(21)}-2m_{000}^{(22)}m_{001}^{(10)}m_{011}^{(10)}m_{220}^{(20)}\\
&+2m_{000}^{(22)}m_{001}^{(10)}m_{011}^{(10)}m_{211}^{(10)}-2m_{000}^{(22)}m_{001}^{(10)}m_{011}^{(10)}m_{121}^{(00)}-m_{000}^{(22)}m_{001}^{(10)}m_{011}^{(11)}m_{400}^{(21)}\\
&+m_{000}^{(22)}m_{001}^{(10)}m_{011}^{(11)}m_{310}^{(20)}-m_{000}^{(22)}m_{001}^{(10)}m_{011}^{(11)}m_{301}^{(10)}+m_{000}^{(22)}m_{001}^{(10)}m_{011}^{(11)}m_{211}^{(00)}\\
&+m_{000}^{(22)}m_{001}^{(10)}m_{002}^{(00)}m_{220}^{(11)}-m_{000}^{(22)}m_{001}^{(10)}m_{002}^{(00)}m_{040}^{(00)}-2m_{000}^{(22)}m_{001}^{(10)}m_{002}^{(10)}m_{310}^{(11)}\\
&+2m_{000}^{(22)}m_{001}^{(10)}m_{002}^{(10)}m_{130}^{(00)}+m_{000}^{(22)}m_{001}^{(10)}m_{002}^{(11)}m_{400}^{(11)}-m_{000}^{(22)}m_{001}^{(10)}m_{002}^{(11)}m_{220}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(00)}m_{121}^{(21)}+m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(00)}m_{031}^{(20)}+2m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(10)}m_{211}^{(21)}\\
&-2m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(10)}m_{121}^{(20)}-m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(11)}m_{301}^{(21)}+m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(11)}m_{211}^{(20)}\\
&+m_{000}^{(22)}m_{001}^{(11)}m_{101}^{(00)}m_{220}^{(21)}-m_{000}^{(22)}m_{001}^{(11)}m_{101}^{(00)}m_{130}^{(20)}+m_{000}^{(22)}m_{001}^{(11)}m_{101}^{(00)}m_{121}^{(10)}\\
&-m_{000}^{(22)}m_{001}^{(11)}m_{101}^{(00)}m_{031}^{(00)}-2m_{000}^{(22)}m_{001}^{(11)}m_{101}^{(10)}m_{310}^{(21)}+2m_{000}^{(22)}m_{001}^{(11)}m_{101}^{(10)}m_{220}^{(20)}\\
&-2m_{000}^{(22)}m_{001}^{(11)}m_{101}^{(10)}m_{211}^{(10)}+2m_{000}^{(22)}m_{001}^{(11)}m_{101}^{(10)}m_{121}^{(00)}+m_{000}^{(22)}m_{001}^{(11)}m_{101}^{(11)}m_{400}^{(21)}\\
&-m_{000}^{(22)}m_{001}^{(11)}m_{101}^{(11)}m_{310}^{(20)}+m_{000}^{(22)}m_{001}^{(11)}m_{101}^{(11)}m_{301}^{(10)}-m_{000}^{(22)}m_{001}^{(11)}m_{101}^{(11)}m_{211}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(11)}m_{002}^{(00)}m_{220}^{(10)}+m_{000}^{(22)}m_{001}^{(11)}m_{002}^{(00)}m_{130}^{(00)}+2m_{000}^{(22)}m_{001}^{(11)}m_{002}^{(10)}m_{310}^{(10)}\\
&-2m_{000}^{(22)}m_{001}^{(11)}m_{002}^{(10)}m_{220}^{(00)}-m_{000}^{(22)}m_{001}^{(11)}m_{002}^{(11)}m_{400}^{(10)}+m_{000}^{(22)}m_{001}^{(11)}m_{002}^{(11)}m_{310}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(00)}m_{130}^{(21)}-m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(00)}m_{121}^{(11)}+m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(00)}m_{040}^{(20)}\\
&+m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(00)}m_{031}^{(10)}+2m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{220}^{(21)}+2m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{211}^{(11)}\\
&-2m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{130}^{(20)}-2m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{121}^{(10)}-m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{310}^{(21)}\\
&-m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{301}^{(11)}+m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{220}^{(20)}+m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{211}^{(10)}\\
&+2m_{000}^{(22)}m_{001}^{(20)}m_{101}^{(00)}m_{130}^{(11)}-2m_{000}^{(22)}m_{001}^{(20)}m_{101}^{(00)}m_{040}^{(10)}-4m_{000}^{(22)}m_{001}^{(20)}m_{101}^{(10)}m_{220}^{(11)}\\
&+4m_{000}^{(22)}m_{001}^{(20)}m_{101}^{(10)}m_{130}^{(10)}+2m_{000}^{(22)}m_{001}^{(20)}m_{101}^{(11)}m_{310}^{(11)}-2m_{000}^{(22)}m_{001}^{(20)}m_{101}^{(11)}m_{220}^{(10)}\\
&+m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{220}^{(21)}-m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{130}^{(20)}+m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{121}^{(10)}\\
&-m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{031}^{(00)}-2m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{310}^{(21)}+2m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{220}^{(20)}\\
&-2m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{211}^{(10)}+2m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{121}^{(00)}+m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(11)}m_{400}^{(21)}\\
&-m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(11)}m_{310}^{(20)}+m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(11)}m_{301}^{(10)}-m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(11)}m_{211}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(20)}m_{011}^{(00)}m_{220}^{(11)}+m_{000}^{(22)}m_{001}^{(20)}m_{011}^{(00)}m_{040}^{(00)}+2m_{000}^{(22)}m_{001}^{(20)}m_{011}^{(10)}m_{310}^{(11)}\\
&-2m_{000}^{(22)}m_{001}^{(20)}m_{011}^{(10)}m_{130}^{(00)}-m_{000}^{(22)}m_{001}^{(20)}m_{011}^{(11)}m_{400}^{(11)}+m_{000}^{(22)}m_{001}^{(20)}m_{011}^{(11)}m_{220}^{(00)}\\
&+m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(00)}m_{130}^{(21)}+m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(00)}m_{121}^{(11)}-m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(00)}m_{040}^{(20)}\\
&-m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(00)}m_{031}^{(10)}-2m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{220}^{(21)}-2m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{211}^{(11)}\\
&+2m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{130}^{(20)}+2m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{121}^{(10)}+m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{310}^{(21)}\\
&+m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{301}^{(11)}-m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{220}^{(20)}-m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{211}^{(10)}\\
&-m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{220}^{(21)}+m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{130}^{(20)}-m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{121}^{(10)}\\
&+m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{031}^{(00)}+2m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{310}^{(21)}-2m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{220}^{(20)}\\
&+2m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{211}^{(10)}-2m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{121}^{(00)}-m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(11)}m_{400}^{(21)}\\
&+m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(11)}m_{310}^{(20)}-m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(11)}m_{301}^{(10)}+m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(11)}m_{211}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(21)}m_{101}^{(00)}m_{220}^{(11)}+m_{000}^{(22)}m_{001}^{(21)}m_{101}^{(00)}m_{040}^{(00)}+2m_{000}^{(22)}m_{001}^{(21)}m_{101}^{(10)}m_{310}^{(11)}\\
&-2m_{000}^{(22)}m_{001}^{(21)}m_{101}^{(10)}m_{130}^{(00)}-m_{000}^{(22)}m_{001}^{(21)}m_{101}^{(11)}m_{400}^{(11)}+m_{000}^{(22)}m_{001}^{(21)}m_{101}^{(11)}m_{220}^{(00)}\\
&+2m_{000}^{(22)}m_{001}^{(21)}m_{011}^{(00)}m_{220}^{(10)}-2m_{000}^{(22)}m_{001}^{(21)}m_{011}^{(00)}m_{130}^{(00)}-4m_{000}^{(22)}m_{001}^{(21)}m_{011}^{(10)}m_{310}^{(10)}\\
&+4m_{000}^{(22)}m_{001}^{(21)}m_{011}^{(10)}m_{220}^{(00)}+2m_{000}^{(22)}m_{001}^{(21)}m_{011}^{(11)}m_{400}^{(10)}-2m_{000}^{(22)}m_{001}^{(21)}m_{011}^{(11)}m_{310}^{(00)}
\end{aligned}
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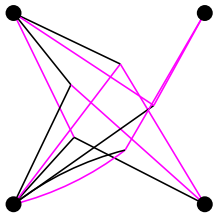
\begin{array}{l}
-m_{000}^{(22)}m_{001}^{(22)}m_{200}^{(00)}m_{130}^{(11)} + m_{000}^{(22)}m_{001}^{(22)}m_{200}^{(00)}m_{040}^{(10)} + 2m_{000}^{(22)}m_{001}^{(22)}m_{200}^{(10)}m_{220}^{(11)} \\
-2m_{000}^{(22)}m_{001}^{(22)}m_{200}^{(10)}m_{130}^{(10)} - m_{000}^{(22)}m_{001}^{(22)}m_{200}^{(11)}m_{310}^{(11)} + m_{000}^{(22)}m_{001}^{(22)}m_{200}^{(11)}m_{220}^{(10)} \\
+m_{000}^{(22)}m_{001}^{(22)}m_{110}^{(00)}m_{220}^{(11)} - m_{000}^{(22)}m_{001}^{(22)}m_{110}^{(00)}m_{040}^{(00)} - 2m_{000}^{(22)}m_{001}^{(22)}m_{110}^{(10)}m_{310}^{(11)} \\
+2m_{000}^{(22)}m_{001}^{(22)}m_{110}^{(10)}m_{130}^{(00)} + m_{000}^{(22)}m_{001}^{(22)}m_{110}^{(11)}m_{400}^{(11)} - m_{000}^{(22)}m_{001}^{(22)}m_{110}^{(11)}m_{220}^{(00)} \\
-m_{000}^{(22)}m_{001}^{(22)}m_{020}^{(00)}m_{220}^{(10)} + m_{000}^{(22)}m_{001}^{(22)}m_{020}^{(00)}m_{130}^{(00)} + 2m_{000}^{(22)}m_{001}^{(22)}m_{020}^{(10)}m_{310}^{(10)} \\
-2m_{000}^{(22)}m_{001}^{(22)}m_{020}^{(10)}m_{220}^{(00)} - m_{000}^{(22)}m_{001}^{(22)}m_{020}^{(11)}m_{400}^{(10)} + m_{000}^{(22)}m_{001}^{(22)}m_{020}^{(11)}m_{310}^{(00)}
\end{array}
$$

Generating graph:

$$
\begin{array}{ccccc}
V1 & 1 & V1 & 1 & 1 \\
1 & V2 & 2 & 2 & V2 \\
V3 & V3 & V4 & V4 & 4
\end{array}
$$



$$
\begin{array}{rcl}
T_{162} & = & -m_{000}^{(00)}m_{100}^{(00)}m_{020}^{(11)}m_{013}^{(22)} + m_{000}^{(00)}m_{100}^{(00)}m_{020}^{(11)}m_{004}^{(21)} + 2m_{000}^{(00)}m_{100}^{(00)}m_{020}^{(21)}m_{022}^{(22)} \\
 & & -2m_{000}^{(00)}m_{100}^{(00)}m_{020}^{(21)}m_{013}^{(21)} - m_{000}^{(00)}m_{100}^{(00)}m_{020}^{(22)}m_{031}^{(22)} + m_{000}^{(00)}m_{100}^{(00)}m_{020}^{(22)}m_{022}^{(21)} \\
 & & +m_{000}^{(00)}m_{100}^{(00)}m_{011}^{(11)}m_{022}^{(22)} - m_{000}^{(00)}m_{100}^{(00)}m_{011}^{(11)}m_{004}^{(11)} - 2m_{000}^{(00)}m_{100}^{(00)}m_{011}^{(21)}m_{031}^{(22)} \\
 & & +2m_{000}^{(00)}m_{100}^{(00)}m_{011}^{(21)}m_{013}^{(11)} + m_{000}^{(00)}m_{100}^{(00)}m_{011}^{(22)}m_{040}^{(22)} - m_{000}^{(00)}m_{100}^{(00)}m_{011}^{(22)}m_{022}^{(11)} \\
 & & -m_{000}^{(00)}m_{100}^{(00)}m_{002}^{(11)}m_{022}^{(21)} + m_{000}^{(00)}m_{100}^{(00)}m_{002}^{(11)}m_{013}^{(11)} + 2m_{000}^{(00)}m_{100}^{(00)}m_{002}^{(21)}m_{031}^{(21)} \\
 & & -2m_{000}^{(00)}m_{100}^{(00)}m_{002}^{(21)}m_{022}^{(11)} - m_{000}^{(00)}m_{100}^{(00)}m_{002}^{(22)}m_{040}^{(21)} + m_{000}^{(00)}m_{100}^{(00)}m_{002}^{(22)}m_{031}^{(11)} \\
 & & +m_{000}^{(00)}m_{100}^{(10)}m_{020}^{(10)}m_{013}^{(22)} - m_{000}^{(00)}m_{100}^{(10)}m_{020}^{(10)}m_{004}^{(21)} + m_{000}^{(00)}m_{100}^{(10)}m_{020}^{(11)}m_{103}^{(22)} \\
 & & -m_{000}^{(00)}m_{100}^{(10)}m_{020}^{(11)}m_{004}^{(20)} - m_{000}^{(00)}m_{100}^{(10)}m_{020}^{(20)}m_{022}^{(22)} + m_{000}^{(00)}m_{100}^{(10)}m_{020}^{(20)}m_{013}^{(21)} \\
 & & -3m_{000}^{(00)}m_{100}^{(10)}m_{020}^{(21)}m_{112}^{(22)} + m_{000}^{(00)}m_{100}^{(10)}m_{020}^{(21)}m_{103}^{(21)} + 2m_{000}^{(00)}m_{100}^{(10)}m_{020}^{(21)}m_{013}^{(20)} \\
 & & +2m_{000}^{(00)}m_{100}^{(10)}m_{020}^{(22)}m_{121}^{(22)} - m_{000}^{(00)}m_{100}^{(10)}m_{020}^{(22)}m_{112}^{(21)} - m_{000}^{(00)}m_{100}^{(10)}m_{020}^{(22)}m_{022}^{(20)} \\
 & & -m_{000}^{(00)}m_{100}^{(10)}m_{011}^{(10)}m_{022}^{(22)} + m_{000}^{(00)}m_{100}^{(10)}m_{011}^{(10)}m_{004}^{(11)} - m_{000}^{(00)}m_{100}^{(10)}m_{011}^{(11)}m_{112}^{(22)} \\
 & & -m_{000}^{(00)}m_{100}^{(10)}m_{011}^{(11)}m_{103}^{(21)} + m_{000}^{(00)}m_{100}^{(10)}m_{011}^{(11)}m_{013}^{(20)} + m_{000}^{(00)}m_{100}^{(10)}m_{011}^{(11)}m_{004}^{(10)} \\
 & & +m_{000}^{(00)}m_{100}^{(10)}m_{011}^{(20)}m_{031}^{(22)} - m_{000}^{(00)}m_{100}^{(10)}m_{011}^{(20)}m_{013}^{(11)} + 3m_{000}^{(00)}m_{100}^{(10)}m_{011}^{(21)}m_{121}^{(22)} \\
 & & +2m_{000}^{(00)}m_{100}^{(10)}m_{011}^{(21)}m_{112}^{(21)} - m_{000}^{(00)}m_{100}^{(10)}m_{011}^{(21)}m_{103}^{(11)} - 2m_{000}^{(00)}m_{100}^{(10)}m_{011}^{(21)}m_{022}^{(20)} \\
 & & -2m_{000}^{(00)}m_{100}^{(10)}m_{011}^{(21)}m_{013}^{(10)} - 2m_{000}^{(00)}m_{100}^{(10)}m_{011}^{(22)}m_{130}^{(22)} - m_{000}^{(00)}m_{100}^{(10)}m_{011}^{(22)}m_{121}^{(21)} \\
 & & +m_{000}^{(00)}m_{100}^{(10)}m_{011}^{(22)}m_{112}^{(11)} + m_{000}^{(00)}m_{100}^{(10)}m_{011}^{(22)}m_{031}^{(20)} + m_{000}^{(00)}m_{100}^{(10)}m_{011}^{(22)}m_{022}^{(10)} \\
 & & +m_{000}^{(00)}m_{100}^{(10)}m_{002}^{(10)}m_{022}^{(21)} - m_{000}^{(00)}m_{100}^{(10)}m_{002}^{(10)}m_{013}^{(11)} + m_{000}^{(00)}m_{100}^{(10)}m_{002}^{(11)}m_{112}^{(21)}
\end{array}
$$

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\begin{aligned}
&-m_{000}^{(00)}m_{100}^{(10)}m_{002}^{(11)}m_{013}^{(10)} - m_{000}^{(00)}m_{100}^{(10)}m_{002}^{(20)}m_{031}^{(21)} + m_{000}^{(00)}m_{100}^{(10)}m_{002}^{(20)}m_{022}^{(11)}\\
&-3m_{000}^{(00)}m_{100}^{(10)}m_{002}^{(21)}m_{121}^{(21)} + m_{000}^{(00)}m_{100}^{(10)}m_{002}^{(21)}m_{112}^{(11)} + 2m_{000}^{(00)}m_{100}^{(10)}m_{002}^{(21)}m_{022}^{(10)}\\
&+2m_{000}^{(00)}m_{100}^{(10)}m_{002}^{(22)}m_{130}^{(21)} - m_{000}^{(00)}m_{100}^{(10)}m_{002}^{(22)}m_{121}^{(11)} - m_{000}^{(00)}m_{100}^{(10)}m_{002}^{(22)}m_{031}^{(10)}\\
&-m_{000}^{(00)}m_{100}^{(11)}m_{020}^{(10)}m_{103}^{(22)} + m_{000}^{(00)}m_{100}^{(11)}m_{020}^{(10)}m_{004}^{(20)} + m_{000}^{(00)}m_{100}^{(11)}m_{020}^{(20)}m_{112}^{(22)}\\
&-m_{000}^{(00)}m_{100}^{(11)}m_{020}^{(20)}m_{013}^{(20)} + m_{000}^{(00)}m_{100}^{(11)}m_{020}^{(21)}m_{202}^{(22)} - m_{000}^{(00)}m_{100}^{(11)}m_{020}^{(21)}m_{103}^{(20)}\\
&-m_{000}^{(00)}m_{100}^{(11)}m_{020}^{(22)}m_{211}^{(22)} + m_{000}^{(00)}m_{100}^{(11)}m_{020}^{(22)}m_{112}^{(20)} + m_{000}^{(00)}m_{100}^{(11)}m_{011}^{(10)}m_{112}^{(22)}\\
&+m_{000}^{(00)}m_{100}^{(11)}m_{011}^{(10)}m_{103}^{(21)} - m_{000}^{(00)}m_{100}^{(11)}m_{011}^{(10)}m_{013}^{(20)} - m_{000}^{(00)}m_{100}^{(11)}m_{011}^{(10)}m_{004}^{(10)}\\
&-m_{000}^{(00)}m_{100}^{(11)}m_{011}^{(20)}m_{121}^{(22)} - m_{000}^{(00)}m_{100}^{(11)}m_{011}^{(20)}m_{112}^{(21)} + m_{000}^{(00)}m_{100}^{(11)}m_{011}^{(20)}m_{022}^{(20)}\\
&+m_{000}^{(00)}m_{100}^{(11)}m_{011}^{(20)}m_{013}^{(10)} - m_{000}^{(00)}m_{100}^{(11)}m_{011}^{(21)}m_{211}^{(22)} - m_{000}^{(00)}m_{100}^{(11)}m_{011}^{(21)}m_{202}^{(21)}\\
&+m_{000}^{(00)}m_{100}^{(11)}m_{011}^{(21)}m_{112}^{(20)} + m_{000}^{(00)}m_{100}^{(11)}m_{011}^{(21)}m_{103}^{(10)} + m_{000}^{(00)}m_{100}^{(11)}m_{011}^{(22)}m_{220}^{(22)}\\
&+m_{000}^{(00)}m_{100}^{(11)}m_{011}^{(22)}m_{211}^{(21)} - m_{000}^{(00)}m_{100}^{(11)}m_{011}^{(22)}m_{121}^{(20)} - m_{000}^{(00)}m_{100}^{(11)}m_{011}^{(22)}m_{112}^{(10)}\\
&-m_{000}^{(00)}m_{100}^{(11)}m_{002}^{(10)}m_{112}^{(21)} + m_{000}^{(00)}m_{100}^{(11)}m_{002}^{(10)}m_{013}^{(10)} + m_{000}^{(00)}m_{100}^{(11)}m_{002}^{(20)}m_{121}^{(21)}\\
&-m_{000}^{(00)}m_{100}^{(11)}m_{002}^{(20)}m_{022}^{(10)} + m_{000}^{(00)}m_{100}^{(11)}m_{002}^{(21)}m_{211}^{(21)} - m_{000}^{(00)}m_{100}^{(11)}m_{002}^{(21)}m_{112}^{(10)}\\
&-m_{000}^{(00)}m_{100}^{(11)}m_{002}^{(22)}m_{220}^{(21)} + m_{000}^{(00)}m_{100}^{(11)}m_{002}^{(22)}m_{121}^{(10)} - m_{000}^{(00)}m_{100}^{(20)}m_{020}^{(10)}m_{022}^{(22)}\\
&+m_{000}^{(00)}m_{100}^{(20)}m_{020}^{(10)}m_{013}^{(21)} + m_{000}^{(00)}m_{100}^{(20)}m_{020}^{(11)}m_{112}^{(22)} - 2m_{000}^{(00)}m_{100}^{(20)}m_{020}^{(11)}m_{103}^{(21)}\\
&+m_{000}^{(00)}m_{100}^{(20)}m_{020}^{(11)}m_{013}^{(20)} + m_{000}^{(00)}m_{100}^{(20)}m_{020}^{(20)}m_{031}^{(22)} - m_{000}^{(00)}m_{100}^{(20)}m_{020}^{(20)}m_{022}^{(21)}\\
&-m_{000}^{(00)}m_{100}^{(20)}m_{020}^{(21)}m_{121}^{(22)} + 3m_{000}^{(00)}m_{100}^{(20)}m_{020}^{(21)}m_{112}^{(21)} - 2m_{000}^{(00)}m_{100}^{(20)}m_{020}^{(21)}m_{022}^{(20)}\\
&-m_{000}^{(00)}m_{100}^{(20)}m_{020}^{(22)}m_{121}^{(21)} + m_{000}^{(00)}m_{100}^{(20)}m_{020}^{(22)}m_{031}^{(20)} + m_{000}^{(00)}m_{100}^{(20)}m_{011}^{(10)}m_{031}^{(22)}\\
&-m_{000}^{(00)}m_{100}^{(20)}m_{011}^{(10)}m_{013}^{(11)} - m_{000}^{(00)}m_{100}^{(20)}m_{011}^{(11)}m_{121}^{(22)} + m_{000}^{(00)}m_{100}^{(20)}m_{011}^{(11)}m_{112}^{(21)}\\
&+2m_{000}^{(00)}m_{100}^{(20)}m_{011}^{(11)}m_{103}^{(11)} - m_{000}^{(00)}m_{100}^{(20)}m_{011}^{(11)}m_{022}^{(20)} - m_{000}^{(00)}m_{100}^{(20)}m_{011}^{(11)}m_{013}^{(10)}\\
&-m_{000}^{(00)}m_{100}^{(20)}m_{011}^{(20)}m_{040}^{(22)} + m_{000}^{(00)}m_{100}^{(20)}m_{011}^{(20)}m_{022}^{(11)} + m_{000}^{(00)}m_{100}^{(20)}m_{011}^{(21)}m_{130}^{(22)}\\
&-2m_{000}^{(00)}m_{100}^{(20)}m_{011}^{(21)}m_{121}^{(21)} - 3m_{000}^{(00)}m_{100}^{(20)}m_{011}^{(21)}m_{112}^{(11)} + 2m_{000}^{(00)}m_{100}^{(20)}m_{011}^{(21)}m_{031}^{(20)}\\
&+2m_{000}^{(00)}m_{100}^{(20)}m_{011}^{(21)}m_{022}^{(10)} + m_{000}^{(00)}m_{100}^{(20)}m_{011}^{(22)}m_{130}^{(21)} + m_{000}^{(00)}m_{100}^{(20)}m_{011}^{(22)}m_{121}^{(11)}\\
&-m_{000}^{(00)}m_{100}^{(20)}m_{011}^{(22)}m_{040}^{(20)} - m_{000}^{(00)}m_{100}^{(20)}m_{011}^{(22)}m_{031}^{(10)} - m_{000}^{(00)}m_{100}^{(20)}m_{002}^{(10)}m_{031}^{(21)}\\
&+m_{000}^{(00)}m_{100}^{(20)}m_{002}^{(10)}m_{022}^{(11)} + m_{000}^{(00)}m_{100}^{(20)}m_{002}^{(11)}m_{121}^{(21)} - 2m_{000}^{(00)}m_{100}^{(20)}m_{002}^{(11)}m_{112}^{(11)}\\
&+m_{000}^{(00)}m_{100}^{(20)}m_{002}^{(11)}m_{022}^{(10)} + m_{000}^{(00)}m_{100}^{(20)}m_{002}^{(20)}m_{040}^{(21)} - m_{000}^{(00)}m_{100}^{(20)}m_{002}^{(20)}m_{031}^{(11)}\\
&-m_{000}^{(00)}m_{100}^{(20)}m_{002}^{(21)}m_{130}^{(21)} + 3m_{000}^{(00)}m_{100}^{(20)}m_{002}^{(21)}m_{121}^{(11)} - 2m_{000}^{(00)}m_{100}^{(20)}m_{002}^{(21)}m_{031}^{(10)}\\
&-m_{000}^{(00)}m_{100}^{(20)}m_{002}^{(22)}m_{130}^{(11)} + m_{000}^{(00)}m_{100}^{(20)}m_{002}^{(22)}m_{040}^{(10)} + m_{000}^{(00)}m_{100}^{(21)}m_{020}^{(10)}m_{112}^{(22)}\\
&+m_{000}^{(00)}m_{100}^{(21)}m_{020}^{(10)}m_{103}^{(21)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{020}^{(10)}m_{013}^{(20)} - m_{000}^{(00)}m_{100}^{(21)}m_{020}^{(11)}m_{202}^{(22)}\\
&+m_{000}^{(00)}m_{100}^{(21)}m_{020}^{(11)}m_{103}^{(20)} - m_{000}^{(00)}m_{100}^{(21)}m_{020}^{(20)}m_{121}^{(22)} - m_{000}^{(00)}m_{100}^{(21)}m_{020}^{(20)}m_{112}^{(21)}\\
&+2m_{000}^{(00)}m_{100}^{(21)}m_{020}^{(20)}m_{022}^{(20)} + m_{000}^{(00)}m_{100}^{(21)}m_{020}^{(21)}m_{211}^{(22)} - m_{000}^{(00)}m_{100}^{(21)}m_{020}^{(21)}m_{202}^{(21)}\\
&+m_{000}^{(00)}m_{100}^{(21)}m_{020}^{(22)}m_{211}^{(21)} - m_{000}^{(00)}m_{100}^{(21)}m_{020}^{(22)}m_{121}^{(20)} - m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(10)}m_{121}^{(22)}\\
&-2m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(10)}m_{112}^{(21)} - m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(10)}m_{103}^{(11)} + 2m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(10)}m_{022}^{(20)}\\
&+2m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(10)}m_{013}^{(10)} + m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(11)}m_{211}^{(22)} + m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(11)}m_{202}^{(21)}\\
&-m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(11)}m_{112}^{(20)} - m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(11)}m_{103}^{(10)} + m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(20)}m_{130}^{(22)}\\
&+2m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(20)}m_{121}^{(21)} + m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(20)}m_{112}^{(11)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(20)}m_{031}^{(20)}\\
&-2m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(20)}m_{022}^{(10)} - m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(21)}m_{220}^{(22)} + m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(21)}m_{202}^{(11)}\\
&-m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(22)}m_{220}^{(21)} - m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(22)}m_{211}^{(11)} + m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(22)}m_{130}^{(20)}
\end{aligned}
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\begin{aligned}
&+m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(22)}m_{121}^{(10)}+m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(10)}m_{121}^{(21)}+m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(10)}m_{112}^{(11)}\\
&-2m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(10)}m_{022}^{(10)}-m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(11)}m_{211}^{(21)}+m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(11)}m_{112}^{(10)}\\
&-m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(20)}m_{130}^{(21)}-m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(20)}m_{121}^{(11)}+2m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(20)}m_{031}^{(10)}\\
&+m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(21)}m_{220}^{(21)}-m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(21)}m_{211}^{(11)}+m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(22)}m_{220}^{(11)}\\
&-m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(22)}m_{130}^{(10)}-m_{000}^{(00)}m_{100}^{(22)}m_{020}^{(10)}m_{112}^{(21)}+m_{000}^{(00)}m_{100}^{(22)}m_{020}^{(10)}m_{022}^{(20)}\\
&+m_{000}^{(00)}m_{100}^{(22)}m_{020}^{(11)}m_{202}^{(21)}-m_{000}^{(00)}m_{100}^{(22)}m_{020}^{(11)}m_{112}^{(20)}+m_{000}^{(00)}m_{100}^{(22)}m_{020}^{(20)}m_{121}^{(21)}\\
&-m_{000}^{(00)}m_{100}^{(22)}m_{020}^{(20)}m_{031}^{(20)}-m_{000}^{(00)}m_{100}^{(22)}m_{020}^{(21)}m_{211}^{(21)}+m_{000}^{(00)}m_{100}^{(22)}m_{020}^{(21)}m_{121}^{(20)}\\
&+m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(10)}m_{121}^{(21)}+m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(10)}m_{112}^{(11)}-m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(10)}m_{031}^{(20)}\\
&-m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(10)}m_{022}^{(10)}-m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(11)}m_{211}^{(21)}-m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(11)}m_{202}^{(11)}\\
&+m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(11)}m_{121}^{(20)}+m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(11)}m_{112}^{(10)}-m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(20)}m_{130}^{(21)}\\
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&+m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(21)}m_{220}^{(21)}+m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(21)}m_{211}^{(11)}-m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(21)}m_{130}^{(20)}\\
&-m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(21)}m_{121}^{(10)}-m_{000}^{(00)}m_{100}^{(22)}m_{002}^{(10)}m_{121}^{(11)}+m_{000}^{(00)}m_{100}^{(22)}m_{002}^{(10)}m_{031}^{(10)}\\
&+m_{000}^{(00)}m_{100}^{(22)}m_{002}^{(11)}m_{211}^{(11)}-m_{000}^{(00)}m_{100}^{(22)}m_{002}^{(11)}m_{121}^{(10)}+m_{000}^{(00)}m_{100}^{(22)}m_{002}^{(20)}m_{130}^{(11)}\\
&-m_{000}^{(00)}m_{100}^{(22)}m_{002}^{(20)}m_{040}^{(10)}-m_{000}^{(00)}m_{100}^{(22)}m_{002}^{(21)}m_{220}^{(11)}+m_{000}^{(00)}m_{100}^{(22)}m_{002}^{(21)}m_{130}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(00)}m_{020}^{(10)}m_{013}^{(22)}-m_{000}^{(00)}m_{010}^{(00)}m_{020}^{(10)}m_{004}^{(21)}-m_{000}^{(00)}m_{010}^{(00)}m_{020}^{(20)}m_{022}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(00)}m_{020}^{(20)}m_{013}^{(21)}-m_{000}^{(00)}m_{010}^{(00)}m_{020}^{(21)}m_{112}^{(22)}+m_{000}^{(00)}m_{010}^{(00)}m_{020}^{(21)}m_{103}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(00)}m_{020}^{(22)}m_{121}^{(22)}-m_{000}^{(00)}m_{010}^{(00)}m_{020}^{(22)}m_{112}^{(21)}-m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(10)}m_{022}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(10)}m_{004}^{(11)}+m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(20)}m_{031}^{(22)}-m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(20)}m_{013}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(21)}m_{121}^{(22)}-m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(21)}m_{103}^{(11)}-m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(22)}m_{130}^{(22)}\\
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&+m_{000}^{(00)}m_{010}^{(00)}m_{002}^{(21)}m_{112}^{(11)}+m_{000}^{(00)}m_{010}^{(00)}m_{002}^{(22)}m_{130}^{(21)}-m_{000}^{(00)}m_{010}^{(00)}m_{002}^{(22)}m_{121}^{(11)}\\
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&+m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(00)}m_{022}^{(22)}-m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(00)}m_{004}^{(11)}+m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(10)}m_{112}^{(22)}\\
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&-3m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(20)}m_{121}^{(22)}-m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(20)}m_{112}^{(21)}+2m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(20)}m_{103}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(20)}m_{022}^{(20)}+m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(20)}m_{013}^{(10)}-m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{211}^{(22)}\\
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&+2m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(22)}m_{220}^{(22)}+m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(22)}m_{211}^{(21)}-m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(22)}m_{202}^{(11)}\\
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&+m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(00)}m_{013}^{(11)}-m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(10)}m_{022}^{(10)}+m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(10)}m_{013}^{(10)}\\
&+3m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(20)}m_{121}^{(22)}-2m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(20)}m_{112}^{(11)}-m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(20)}m_{022}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(21)}m_{211}^{(21)}-m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(21)}m_{112}^{(10)}-2m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(22)}m_{220}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(22)}m_{211}^{(11)}+m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(22)}m_{121}^{(10)}+m_{000}^{(00)}m_{010}^{(11)}m_{020}^{(00)}m_{103}^{(22)}
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&-m_{000}^{(00)}m_{010}^{(11)}m_{020}^{(00)}m_{004}^{(20)} - 2m_{000}^{(00)}m_{010}^{(11)}m_{020}^{(20)}m_{202}^{(22)} + 2m_{000}^{(00)}m_{010}^{(11)}m_{020}^{(20)}m_{103}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{020}^{(22)}m_{301}^{(22)} - m_{000}^{(00)}m_{010}^{(11)}m_{020}^{(22)}m_{202}^{(20)} - m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(00)}m_{112}^{(22)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(00)}m_{103}^{(21)} + m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(00)}m_{013}^{(20)} + m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(00)}m_{004}^{(10)}\\
&+2m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(20)}m_{211}^{(22)} + 2m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(20)}m_{202}^{(21)} - 2m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(20)}m_{112}^{(20)}\\
&-2m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(20)}m_{103}^{(10)} - m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(22)}m_{310}^{(22)} - m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(22)}m_{301}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(22)}m_{211}^{(20)} + m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(22)}m_{202}^{(10)} + m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(00)}m_{112}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(00)}m_{013}^{(10)} - 2m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(20)}m_{211}^{(21)} + 2m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(20)}m_{112}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(22)}m_{310}^{(21)} - m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(22)}m_{211}^{(10)} + m_{000}^{(00)}m_{010}^{(20)}m_{020}^{(00)}m_{022}^{(22)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{020}^{(00)}m_{013}^{(21)} - m_{000}^{(00)}m_{010}^{(20)}m_{020}^{(10)}m_{112}^{(22)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{020}^{(10)}m_{103}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{020}^{(10)}m_{013}^{(20)} - m_{000}^{(00)}m_{010}^{(20)}m_{020}^{(20)}m_{121}^{(22)} + m_{000}^{(00)}m_{010}^{(20)}m_{020}^{(20)}m_{022}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{020}^{(21)}m_{211}^{(22)} - 2m_{000}^{(00)}m_{010}^{(20)}m_{020}^{(21)}m_{202}^{(21)} + m_{000}^{(00)}m_{010}^{(20)}m_{020}^{(21)}m_{112}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{020}^{(22)}m_{211}^{(21)} - m_{000}^{(00)}m_{010}^{(20)}m_{020}^{(22)}m_{121}^{(20)} - m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(00)}m_{031}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(00)}m_{013}^{(11)} + m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(10)}m_{121}^{(22)} - m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(10)}m_{112}^{(21)}\\
&-2m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(10)}m_{103}^{(11)} + m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(10)}m_{022}^{(20)} + m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(10)}m_{013}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(20)}m_{130}^{(22)} + m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(20)}m_{121}^{(21)} - m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(20)}m_{031}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(20)}m_{022}^{(10)} - m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{220}^{(22)} + m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{211}^{(21)}\\
&+2m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{202}^{(11)} - m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{121}^{(20)} - m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{112}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(22)}m_{220}^{(21)} - m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(22)}m_{211}^{(11)} + m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(22)}m_{130}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(22)}m_{121}^{(10)} + m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(00)}m_{031}^{(21)} - m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(00)}m_{022}^{(11)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(10)}m_{121}^{(21)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(10)}m_{112}^{(11)} - m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(10)}m_{022}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(20)}m_{130}^{(21)} + m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(20)}m_{031}^{(10)} + m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{220}^{(21)}\\
&-2m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{211}^{(11)} + m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{121}^{(10)} + m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(22)}m_{220}^{(11)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(22)}m_{130}^{(10)} - m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(00)}m_{112}^{(22)} - m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(00)}m_{103}^{(21)}\\
&+2m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(00)}m_{013}^{(20)} + m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(10)}m_{202}^{(22)} - m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(10)}m_{103}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(20)}m_{211}^{(22)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(20)}m_{202}^{(21)} - 3m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(20)}m_{112}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(21)}m_{301}^{(22)} + m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(21)}m_{202}^{(20)} - m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(22)}m_{301}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(22)}m_{211}^{(20)} + m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(00)}m_{121}^{(22)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(00)}m_{112}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(00)}m_{103}^{(11)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(00)}m_{022}^{(20)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(00)}m_{013}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(10)}m_{211}^{(22)} - m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(10)}m_{202}^{(21)} + m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(10)}m_{112}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(10)}m_{103}^{(10)} - m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{220}^{(22)} - 3m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{211}^{(21)}\\
&-2m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{202}^{(11)} + 3m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{121}^{(20)} + 3m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{112}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{310}^{(22)} + m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{301}^{(21)} - m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{211}^{(20)}\\
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&-m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{220}^{(20)} - m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{211}^{(10)} - m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(00)}m_{121}^{(21)}\\
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&-3m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(20)}m_{121}^{(10)} - m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(21)}m_{310}^{(21)} + m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(21)}m_{211}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(22)}m_{310}^{(11)} + m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(22)}m_{220}^{(10)} + m_{000}^{(00)}m_{010}^{(22)}m_{020}^{(00)}m_{112}^{(21)}
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&-m_{000}^{(00)}m_{010}^{(22)}m_{020}^{(00)}m_{022}^{(20)} - m_{000}^{(00)}m_{010}^{(22)}m_{020}^{(10)}m_{202}^{(21)} + m_{000}^{(00)}m_{010}^{(22)}m_{020}^{(10)}m_{112}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{020}^{(20)}m_{211}^{(21)} + m_{000}^{(00)}m_{010}^{(22)}m_{020}^{(20)}m_{121}^{(20)} + m_{000}^{(00)}m_{010}^{(22)}m_{020}^{(21)}m_{301}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{020}^{(21)}m_{211}^{(20)} - m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(00)}m_{121}^{(21)} - m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(00)}m_{112}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(00)}m_{031}^{(20)} + m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(00)}m_{022}^{(10)} + m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(10)}m_{211}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(10)}m_{202}^{(11)} - m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(10)}m_{121}^{(20)} - m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(10)}m_{112}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(20)}m_{220}^{(21)} + m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(20)}m_{211}^{(11)} - m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(20)}m_{130}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(20)}m_{121}^{(10)} - m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{310}^{(21)} - m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{301}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{220}^{(20)} + m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{211}^{(10)} + m_{000}^{(00)}m_{010}^{(22)}m_{002}^{(00)}m_{121}^{(11)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{002}^{(00)}m_{031}^{(10)} - m_{000}^{(00)}m_{010}^{(22)}m_{002}^{(10)}m_{211}^{(11)} + m_{000}^{(00)}m_{010}^{(22)}m_{002}^{(10)}m_{121}^{(10)}\\
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&+m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(11)}m_{112}^{(22)} - m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(11)}m_{103}^{(21)} + m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(20)}m_{031}^{(22)}\\
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&+m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(21)}m_{130}^{(22)} - m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(21)}m_{112}^{(11)} - m_{000}^{(00)}m_{001}^{(00)}m_{002}^{(10)}m_{031}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(00)}m_{002}^{(10)}m_{022}^{(11)} + m_{000}^{(00)}m_{001}^{(00)}m_{002}^{(11)}m_{121}^{(21)} - m_{000}^{(00)}m_{001}^{(00)}m_{002}^{(11)}m_{112}^{(11)}\\
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&+m_{000}^{(00)}m_{001}^{(00)}m_{002}^{(21)}m_{121}^{(11)} + m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(00)}m_{022}^{(22)} - m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(00)}m_{013}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(10)}m_{103}^{(21)} - m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(10)}m_{013}^{(20)} - m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(11)}m_{202}^{(22)}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(11)}m_{103}^{(20)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{121}^{(22)} + m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{112}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{022}^{(20)} + 2m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{211}^{(22)} - m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{202}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{112}^{(20)} - m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(00)}m_{031}^{(22)} + m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(00)}m_{013}^{(11)}\\
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&+m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{013}^{(10)} + m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{211}^{(22)} + m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{202}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{112}^{(20)} - m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{103}^{(10)} + 2m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{130}^{(22)}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{121}^{(21)} - m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{112}^{(11)} - m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{031}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{022}^{(10)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{220}^{(22)} - m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{211}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{202}^{(11)} + m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{121}^{(20)} + m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{112}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(00)}m_{031}^{(21)} - m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(00)}m_{022}^{(11)} + m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{112}^{(11)}\\
&-m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{022}^{(10)} - m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{211}^{(21)} + m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{112}^{(10)}\\
&-2m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(20)}m_{130}^{(21)} + m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(20)}m_{121}^{(11)} + m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(20)}m_{031}^{(10)}\\
&+2m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{220}^{(21)} - m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{211}^{(11)} - m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{121}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{020}^{(00)}m_{112}^{(22)} + m_{000}^{(00)}m_{001}^{(11)}m_{020}^{(00)}m_{013}^{(20)} + m_{000}^{(00)}m_{001}^{(11)}m_{020}^{(10)}m_{202}^{(22)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{020}^{(10)}m_{103}^{(20)} + m_{000}^{(00)}m_{001}^{(11)}m_{020}^{(20)}m_{211}^{(22)} - m_{000}^{(00)}m_{001}^{(11)}m_{020}^{(20)}m_{112}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{020}^{(21)}m_{301}^{(22)} + m_{000}^{(00)}m_{001}^{(11)}m_{020}^{(21)}m_{202}^{(20)} + m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(00)}m_{121}^{(22)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(00)}m_{112}^{(21)} - m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(00)}m_{022}^{(20)} - m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(00)}m_{013}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(10)}m_{211}^{(22)} - m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(10)}m_{202}^{(21)} + m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(10)}m_{112}^{(20)}
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&+m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(10)}m_{103}^{(10)} - m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{220}^{(22)} - m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{211}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{121}^{(20)} + m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{112}^{(10)} + m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{310}^{(22)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{301}^{(21)} - m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{211}^{(20)} - m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{202}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(00)}m_{121}^{(21)} + m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(00)}m_{022}^{(10)} + m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(10)}m_{211}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(10)}m_{112}^{(10)} + m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(20)}m_{220}^{(21)} - m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(20)}m_{121}^{(10)}\\
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&+m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(00)}m_{022}^{(21)} + 2m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{121}^{(22)} - 3m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{112}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{022}^{(20)} - m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{211}^{(22)} + 2m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{202}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{112}^{(20)} + m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{121}^{(21)} - m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{031}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{211}^{(21)} + m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{121}^{(20)} + m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(00)}m_{040}^{(22)}\\
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&+3m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{112}^{(11)} - m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{031}^{(20)} - m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{022}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{220}^{(22)} - m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{211}^{(21)} - 2m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{202}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{121}^{(20)} + m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{112}^{(10)} - m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{130}^{(21)}\\
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&+m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{220}^{(21)} + m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{211}^{(11)} - m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{130}^{(20)}\\
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&+2m_{000}^{(00)}m_{001}^{(20)}m_{002}^{(10)}m_{130}^{(21)} - 3m_{000}^{(00)}m_{001}^{(20)}m_{002}^{(10)}m_{121}^{(11)} + m_{000}^{(00)}m_{001}^{(20)}m_{002}^{(10)}m_{031}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(20)}m_{002}^{(11)}m_{220}^{(21)} + 2m_{000}^{(00)}m_{001}^{(20)}m_{002}^{(11)}m_{211}^{(11)} - m_{000}^{(00)}m_{001}^{(20)}m_{002}^{(11)}m_{121}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{002}^{(11)}m_{130}^{(11)} - m_{000}^{(00)}m_{001}^{(20)}m_{002}^{(20)}m_{040}^{(10)} - m_{000}^{(00)}m_{001}^{(20)}m_{002}^{(21)}m_{220}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{002}^{(21)}m_{130}^{(10)} + m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(00)}m_{121}^{(22)} + m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(00)}m_{112}^{(21)}\\
&-2m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(00)}m_{022}^{(20)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{211}^{(22)} - m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{202}^{(21)}\\
&+3m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{112}^{(20)} + m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(11)}m_{301}^{(22)} - m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(11)}m_{202}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{211}^{(21)} + m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{121}^{(20)} + m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{301}^{(21)}\\
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&-m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(00)}m_{112}^{(11)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(00)}m_{031}^{(20)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(00)}m_{022}^{(10)}\\
&+2m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{220}^{(22)} + 3m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{211}^{(21)} + m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{202}^{(11)}\\
&-3m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{121}^{(20)} - 3m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{112}^{(10)} - m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{310}^{(22)}\\
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&+m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{220}^{(21)} + m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{211}^{(11)} - m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{130}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{121}^{(10)} - m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{310}^{(21)} - m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{301}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{220}^{(20)} + m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{211}^{(10)} + m_{000}^{(00)}m_{001}^{(21)}m_{002}^{(00)}m_{130}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{002}^{(00)}m_{121}^{(11)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{002}^{(00)}m_{031}^{(10)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{002}^{(10)}m_{220}^{(21)}\\
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&-m_{000}^{(00)}m_{001}^{(21)}m_{002}^{(11)}m_{211}^{(10)} - m_{000}^{(00)}m_{001}^{(21)}m_{002}^{(20)}m_{220}^{(11)} + m_{000}^{(00)}m_{001}^{(21)}m_{002}^{(20)}m_{130}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{002}^{(21)}m_{310}^{(11)} - m_{000}^{(00)}m_{001}^{(21)}m_{002}^{(21)}m_{220}^{(10)} - m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(00)}m_{121}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(00)}m_{031}^{(20)} + 2m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(10)}m_{211}^{(21)} - 2m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(10)}m_{121}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(10)}m_{301}^{(21)} + m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(11)}m_{211}^{(20)} + m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(00)}m_{130}^{(21)}
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&+m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(00)}m_{121}^{(11)} - m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(00)}m_{040}^{(20)} - m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(00)}m_{031}^{(10)}\\
&-2m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(10)}m_{220}^{(21)} - 2m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(10)}m_{211}^{(11)} + 2m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(10)}m_{130}^{(20)}\\
&+2m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(10)}m_{121}^{(10)} + m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(11)}m_{310}^{(21)} + m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(11)}m_{301}^{(11)}\\
&-m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(11)}m_{220}^{(20)} - m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(11)}m_{211}^{(10)} - m_{000}^{(00)}m_{001}^{(22)}m_{002}^{(00)}m_{130}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(22)}m_{002}^{(00)}m_{040}^{(10)} + 2m_{000}^{(00)}m_{001}^{(22)}m_{002}^{(10)}m_{220}^{(11)} - 2m_{000}^{(00)}m_{001}^{(22)}m_{002}^{(10)}m_{130}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(22)}m_{002}^{(11)}m_{310}^{(11)} + m_{000}^{(00)}m_{001}^{(22)}m_{002}^{(11)}m_{220}^{(10)} + 2m_{000}^{(10)}m_{100}^{(00)}m_{110}^{(11)}m_{013}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(00)}m_{110}^{(11)}m_{004}^{(21)} - 4m_{000}^{(10)}m_{100}^{(00)}m_{110}^{(21)}m_{022}^{(22)} + 4m_{000}^{(10)}m_{100}^{(00)}m_{110}^{(21)}m_{013}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(00)}m_{110}^{(22)}m_{031}^{(22)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{110}^{(22)}m_{022}^{(21)} - m_{000}^{(10)}m_{100}^{(00)}m_{101}^{(11)}m_{022}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(00)}m_{101}^{(11)}m_{004}^{(11)} + 2m_{000}^{(10)}m_{100}^{(00)}m_{101}^{(21)}m_{031}^{(22)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{101}^{(21)}m_{013}^{(11)}\\
&-m_{000}^{(10)}m_{100}^{(00)}m_{101}^{(22)}m_{040}^{(22)} + m_{000}^{(10)}m_{100}^{(00)}m_{101}^{(22)}m_{022}^{(11)} - m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(11)}m_{112}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(11)}m_{103}^{(21)} - m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(11)}m_{013}^{(20)} + m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(11)}m_{004}^{(10)}\\
&+2m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(21)}m_{121}^{(22)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(21)}m_{112}^{(21)} + 2m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(21)}m_{022}^{(20)}\\
&-2m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(21)}m_{013}^{(10)} - m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(22)}m_{130}^{(22)} + m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(22)}m_{121}^{(21)}\\
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&-m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(11)}m_{103}^{(11)} + m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(11)}m_{022}^{(20)} - m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(11)}m_{013}^{(10)}\\
&-2m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(21)}m_{121}^{(21)} + 2m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(21)}m_{112}^{(11)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(21)}m_{031}^{(20)}\\
&+2m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(21)}m_{022}^{(10)} + m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(22)}m_{130}^{(21)} - m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(22)}m_{121}^{(11)}\\
&+m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(22)}m_{040}^{(20)} - m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(22)}m_{031}^{(10)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(10)}m_{013}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(10)}m_{004}^{(21)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(11)}m_{103}^{(22)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(11)}m_{004}^{(20)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(20)}m_{022}^{(22)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(20)}m_{013}^{(21)} + 6m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(21)}m_{112}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(21)}m_{103}^{(21)} - 4m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(21)}m_{013}^{(20)} - 4m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(22)}m_{121}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(22)}m_{112}^{(21)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(22)}m_{022}^{(20)} + m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(10)}m_{101}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(10)}m_{004}^{(11)} + m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(11)}m_{112}^{(22)} + m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(11)}m_{103}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(11)}m_{013}^{(20)} - m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(11)}m_{004}^{(10)} - m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(20)}m_{031}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(20)}m_{013}^{(11)} - 3m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(21)}m_{121}^{(22)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(21)}m_{112}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(21)}m_{103}^{(11)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(21)}m_{022}^{(20)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(21)}m_{013}^{(10)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(22)}m_{130}^{(22)} + m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(22)}m_{121}^{(21)} - m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(22)}m_{112}^{(11)}\\
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&+m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(11)}m_{202}^{(22)} - m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(11)}m_{004}^{(00)} - m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(20)}m_{121}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(20)}m_{112}^{(21)} - m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(20)}m_{022}^{(20)} + m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(20)}m_{013}^{(10)}\\
&-3m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(21)}m_{211}^{(22)} + m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(21)}m_{202}^{(21)} - m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(21)}m_{112}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(21)}m_{103}^{(10)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(21)}m_{013}^{(00)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(22)}m_{220}^{(22)}\\
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&+3m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(21)}m_{121}^{(20)} - 3m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(21)}m_{112}^{(10)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(21)}m_{022}^{(00)}\\
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&+2m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(22)}m_{121}^{(10)} + m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(22)}m_{031}^{(00)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(10)}m_{103}^{(22)}\\
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&+m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(10)}m_{013}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(10)}m_{004}^{(10)} + m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(20)}m_{121}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(20)}m_{112}^{(21)} - m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(20)}m_{022}^{(20)} - m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(20)}m_{013}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(21)}m_{211}^{(22)} + m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(21)}m_{202}^{(21)} - m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(21)}m_{112}^{(20)}\\
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&+m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(21)}m_{301}^{(22)} - m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(21)}m_{103}^{(00)} - m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(22)}m_{310}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(22)}m_{112}^{(00)} + m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(10)}m_{202}^{(21)} + m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(10)}m_{112}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(10)}m_{103}^{(10)} - m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(10)}m_{013}^{(00)} - m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(20)}m_{211}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(20)}m_{121}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(20)}m_{112}^{(10)} + m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(20)}m_{022}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(21)}m_{301}^{(21)} - m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(21)}m_{211}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(21)}m_{202}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(21)}m_{112}^{(00)} + m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(22)}m_{310}^{(21)} + m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(22)}m_{220}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(22)}m_{211}^{(10)} - m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(22)}m_{121}^{(00)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(10)}m_{022}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(10)}m_{013}^{(21)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(11)}m_{112}^{(22)} + 4m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(11)}m_{103}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(11)}m_{013}^{(20)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(20)}m_{031}^{(22)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(20)}m_{022}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{121}^{(22)} - 6m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{112}^{(21)} + 4m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{022}^{(20)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(22)}m_{121}^{(21)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(22)}m_{031}^{(20)} - m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(10)}m_{031}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(10)}m_{013}^{(11)} + m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(11)}m_{121}^{(22)} - m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(11)}m_{112}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(11)}m_{103}^{(11)} + m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(11)}m_{022}^{(20)} + m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(11)}m_{013}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(20)}m_{040}^{(22)} - m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(20)}m_{022}^{(11)} - m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{130}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{121}^{(21)} + 3m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{112}^{(11)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{031}^{(20)}\\
&-2m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{022}^{(10)} - m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(22)}m_{130}^{(21)} - m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(22)}m_{121}^{(11)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(22)}m_{040}^{(20)} + m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(22)}m_{031}^{(10)} - m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(10)}m_{121}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(10)}m_{112}^{(21)} - m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(10)}m_{022}^{(20)} + m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(10)}m_{013}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(11)}m_{211}^{(22)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(11)}m_{202}^{(21)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(11)}m_{112}^{(20)}\\
&-2m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(11)}m_{103}^{(10)} + m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(11)}m_{013}^{(00)} + m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(20)}m_{130}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(20)}m_{121}^{(21)} + m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(20)}m_{031}^{(20)} - m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(20)}m_{022}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{220}^{(22)} + 3m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{211}^{(21)} - 3m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{121}^{(20)}\\
&+3m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{112}^{(10)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{022}^{(00)} - m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(22)}m_{220}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(22)}m_{130}^{(20)} - m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(22)}m_{121}^{(10)} + m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(22)}m_{031}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(10)}m_{121}^{(21)} - m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(10)}m_{112}^{(11)} + m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(10)}m_{031}^{(20)}
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&-m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(10)}m_{022}^{(10)} - m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(11)}m_{211}^{(21)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(11)}m_{202}^{(11)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(11)}m_{121}^{(20)} + m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(11)}m_{112}^{(10)} - m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(11)}m_{022}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(20)}m_{130}^{(21)} + m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(20)}m_{121}^{(11)} - m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(20)}m_{040}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(20)}m_{031}^{(10)} + m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(21)}m_{220}^{(21)} - 3m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(21)}m_{211}^{(11)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(21)}m_{130}^{(20)} - m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(21)}m_{121}^{(10)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(21)}m_{031}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(22)}m_{220}^{(11)} - m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(22)}m_{040}^{(00)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(10)}m_{112}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(10)}m_{103}^{(21)} + 4m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(10)}m_{013}^{(20)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(11)}m_{202}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(11)}m_{103}^{(20)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(20)}m_{121}^{(22)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(20)}m_{112}^{(21)}\\
&-4m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(20)}m_{022}^{(20)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{211}^{(22)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{202}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(22)}m_{211}^{(21)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(22)}m_{121}^{(20)} + m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(10)}m_{121}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(10)}m_{112}^{(21)} + m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(10)}m_{103}^{(11)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(10)}m_{022}^{(20)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(10)}m_{013}^{(10)} - m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(11)}m_{211}^{(22)} - m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(11)}m_{202}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(11)}m_{112}^{(20)} + m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(11)}m_{103}^{(10)} - m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(20)}m_{130}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(20)}m_{121}^{(21)} - m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(20)}m_{112}^{(11)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(20)}m_{031}^{(20)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(20)}m_{022}^{(10)} + m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{220}^{(22)} - m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{202}^{(11)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(22)}m_{220}^{(21)} + m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(22)}m_{211}^{(11)} - m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(22)}m_{130}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(22)}m_{121}^{(10)} + m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{211}^{(22)} + m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{202}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{112}^{(20)} + m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{103}^{(10)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{013}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(11)}m_{301}^{(22)} + m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(11)}m_{103}^{(00)} - m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{220}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{211}^{(21)} + m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{121}^{(20)} - m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{112}^{(10)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{022}^{(00)} + m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{310}^{(22)} - m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{301}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{211}^{(20)} - m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{202}^{(10)} + m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(22)}m_{310}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(22)}m_{220}^{(20)} + m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(22)}m_{211}^{(10)} - m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(22)}m_{121}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{211}^{(21)} - m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{202}^{(11)} - m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{121}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{112}^{(10)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{022}^{(00)} + m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(11)}m_{301}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(11)}m_{211}^{(20)} - m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(11)}m_{202}^{(10)} - m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(11)}m_{112}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(20)}m_{220}^{(21)} + m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(20)}m_{211}^{(11)} + m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(20)}m_{130}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(20)}m_{121}^{(10)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(20)}m_{031}^{(00)} - m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(21)}m_{310}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(21)}m_{301}^{(11)} - m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(21)}m_{220}^{(20)} + m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(21)}m_{211}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(22)}m_{310}^{(11)} + m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(22)}m_{130}^{(00)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(10)}m_{112}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(10)}m_{022}^{(20)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(11)}m_{202}^{(21)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(11)}m_{112}^{(20)}\\
&-2m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(20)}m_{121}^{(21)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(20)}m_{031}^{(20)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{211}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{121}^{(20)} - m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(10)}m_{121}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(10)}m_{112}^{(11)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(10)}m_{031}^{(20)} + m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(10)}m_{022}^{(10)} + m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(11)}m_{211}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(11)}m_{202}^{(11)} - m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(11)}m_{121}^{(20)} - m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(11)}m_{112}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(20)}m_{130}^{(21)} + m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(20)}m_{121}^{(11)} - m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(20)}m_{040}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(20)}m_{031}^{(10)} - m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(21)}m_{220}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(21)}m_{211}^{(11)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(21)}m_{130}^{(20)} + m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(21)}m_{121}^{(10)} - m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(10)}m_{211}^{(21)}
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$$+m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(10)}m_{121}^{(20)} - m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(10)}m_{112}^{(10)} + m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(10)}m_{022}^{(00)}$$
$$+m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(11)}m_{301}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(11)}m_{211}^{(20)} + m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(11)}m_{202}^{(10)}$$
$$-m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(11)}m_{112}^{(00)} + m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(20)}m_{220}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(20)}m_{130}^{(20)}$$
$$+m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(20)}m_{121}^{(10)} - m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(20)}m_{031}^{(00)} - m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(21)}m_{310}^{(21)}$$
$$+m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(21)}m_{220}^{(20)} - m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(21)}m_{211}^{(10)} + m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(21)}m_{121}^{(00)}$$
$$+m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(10)}m_{211}^{(11)} - m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(10)}m_{031}^{(00)} - m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(11)}m_{301}^{(11)}$$
$$+m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(11)}m_{121}^{(00)} - m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(20)}m_{220}^{(11)} + m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(20)}m_{040}^{(00)}$$
$$+m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(21)}m_{310}^{(11)} - m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(21)}m_{130}^{(00)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(10)}m_{013}^{(22)}$$
$$+2m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(10)}m_{004}^{(21)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(20)}m_{022}^{(22)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(20)}m_{013}^{(21)}$$
$$+2m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(21)}m_{112}^{(22)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(21)}m_{103}^{(21)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(22)}m_{121}^{(22)}$$
$$+2m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(22)}m_{112}^{(21)} + m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(10)}m_{022}^{(22)} - m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(10)}m_{004}^{(11)}$$
$$-m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(20)}m_{031}^{(22)} + m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(20)}m_{013}^{(11)} - m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(21)}m_{121}^{(22)}$$
$$+m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(21)}m_{103}^{(11)} + m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(22)}m_{130}^{(22)} - m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(22)}m_{112}^{(11)}$$
$$+m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(10)}m_{112}^{(22)} - m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(10)}m_{103}^{(21)} + m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(10)}m_{013}^{(20)}$$
$$-m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(10)}m_{004}^{(10)} - m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(20)}m_{121}^{(22)} + m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(20)}m_{112}^{(21)}$$
$$-m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(20)}m_{022}^{(20)} + m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(20)}m_{013}^{(10)} - m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{211}^{(22)}$$
$$+m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{202}^{(21)} - m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{112}^{(20)} + m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{103}^{(10)}$$
$$+m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(22)}m_{220}^{(22)} - m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(22)}m_{211}^{(21)} + m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(22)}m_{121}^{(20)}$$
$$-m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(22)}m_{112}^{(10)} - m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(10)}m_{112}^{(21)} + m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(10)}m_{103}^{(11)}$$
$$-m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(10)}m_{022}^{(20)} + m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(10)}m_{013}^{(10)} + m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(20)}m_{121}^{(21)}$$
$$-m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(20)}m_{112}^{(11)} + m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(20)}m_{031}^{(20)} - m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(20)}m_{022}^{(10)}$$
$$+m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(21)}m_{211}^{(21)} - m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(21)}m_{202}^{(11)} + m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(21)}m_{121}^{(20)}$$
$$-m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(21)}m_{112}^{(10)} - m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(22)}m_{220}^{(21)} + m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(22)}m_{211}^{(11)}$$
$$-m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(22)}m_{130}^{(20)} + m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(22)}m_{121}^{(10)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(00)}m_{013}^{(22)}$$
$$-2m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(00)}m_{004}^{(21)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(10)}m_{103}^{(22)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(10)}m_{004}^{(20)}$$
$$-6m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(20)}m_{112}^{(22)} + 4m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(20)}m_{103}^{(21)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(20)}m_{013}^{(20)}$$
$$-2m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(21)}m_{202}^{(22)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(21)}m_{103}^{(20)} + 4m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(22)}m_{211}^{(22)}$$
$$-2m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(22)}m_{202}^{(21)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(22)}m_{112}^{(20)} - m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(00)}m_{022}^{(22)}$$
$$+m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(00)}m_{004}^{(11)} - m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(10)}m_{112}^{(22)} - m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(10)}m_{103}^{(21)}$$
$$+m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(10)}m_{013}^{(20)} + m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(10)}m_{004}^{(10)} + 3m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(20)}m_{121}^{(22)}$$
$$+m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(20)}m_{112}^{(21)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(20)}m_{103}^{(11)} - m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(20)}m_{022}^{(20)}$$
$$-m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(20)}m_{013}^{(10)} + m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(21)}m_{211}^{(22)} + m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(21)}m_{202}^{(21)}$$
$$-m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(21)}m_{112}^{(20)} - m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(21)}m_{103}^{(10)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{220}^{(22)}$$
$$-m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{211}^{(21)} + m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{202}^{(11)} + m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{121}^{(20)}$$
$$+m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{112}^{(10)} - m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(00)}m_{112}^{(22)} + m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(00)}m_{103}^{(21)}$$
$$-m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(00)}m_{013}^{(20)} + m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(00)}m_{004}^{(10)} - m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(10)}m_{202}^{(22)}$$
$$+m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(10)}m_{004}^{(00)} + 3m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(20)}m_{211}^{(22)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(20)}m_{202}^{(21)}$$
$$+2m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(20)}m_{112}^{(20)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(20)}m_{103}^{(10)} - m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(20)}m_{013}^{(00)}$$

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&+m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(21)}m_{301}^{(22)} - m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(21)}m_{103}^{(00)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(22)}m_{310}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(22)}m_{301}^{(21)} - m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(22)}m_{211}^{(20)} + m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(22)}m_{202}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(22)}m_{112}^{(00)} + m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(00)}m_{112}^{(21)} - m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(00)}m_{103}^{(11)}\\
&+m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(00)}m_{022}^{(20)} - m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(00)}m_{013}^{(10)} + m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(10)}m_{202}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(10)}m_{112}^{(20)} - m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(10)}m_{103}^{(10)} - m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(10)}m_{013}^{(00)}\\
&-3m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(20)}m_{211}^{(21)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(20)}m_{202}^{(11)} - 3m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(20)}m_{121}^{(20)}\\
&+3m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(20)}m_{112}^{(10)} + m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(20)}m_{022}^{(00)} - m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(21)}m_{301}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(21)}m_{211}^{(20)} + m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(21)}m_{202}^{(10)} + m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(21)}m_{112}^{(00)}\\
&+2m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(22)}m_{310}^{(21)} - m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(22)}m_{301}^{(11)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(22)}m_{220}^{(20)}\\
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&+2m_{000}^{(10)}m_{010}^{(11)}m_{110}^{(00)}m_{004}^{(20)} + 4m_{000}^{(10)}m_{010}^{(11)}m_{110}^{(20)}m_{202}^{(22)} - 4m_{000}^{(10)}m_{010}^{(11)}m_{110}^{(20)}m_{103}^{(20)}\\
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&+2m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{103}^{(10)} + m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(22)}m_{310}^{(22)} + m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(22)}m_{301}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(22)}m_{211}^{(20)} - m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(22)}m_{202}^{(10)} + m_{000}^{(10)}m_{010}^{(11)}m_{011}^{(00)}m_{202}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(11)}m_{011}^{(00)}m_{004}^{(00)} - 2m_{000}^{(10)}m_{010}^{(11)}m_{011}^{(20)}m_{301}^{(22)} + 2m_{000}^{(10)}m_{010}^{(11)}m_{011}^{(20)}m_{103}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(11)}m_{011}^{(22)}m_{400}^{(22)} - m_{000}^{(10)}m_{010}^{(11)}m_{011}^{(22)}m_{202}^{(00)} - m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(00)}m_{202}^{(21)}\\
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&-2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{202}^{(11)} + m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{121}^{(20)} + m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{112}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{220}^{(21)} + m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{211}^{(11)} - m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{130}^{(20)}\\
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&+m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(00)}m_{022}^{(20)} - m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(00)}m_{013}^{(10)} - m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{211}^{(22)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{202}^{(21)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{112}^{(20)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{103}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{013}^{(00)} - m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{220}^{(22)} + m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{022}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{310}^{(22)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{301}^{(21)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{211}^{(20)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{202}^{(10)} + m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{112}^{(00)} + m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{310}^{(21)}
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&-m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{220}^{(20)}+m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{211}^{(10)}-m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{121}^{(00)}\\
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&+m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(00)}m_{022}^{(10)}+m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{211}^{(21)}-2m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{202}^{(11)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{121}^{(20)}-m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{112}^{(10)}+m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{022}^{(00)}\\
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&+2m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(10)}m_{103}^{(20)}-2m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{211}^{(22)}-4m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{202}^{(21)}\\
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&+2m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{301}^{(21)}-2m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{211}^{(20)}-m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(00)}m_{121}^{(22)}\\
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&+2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(00)}m_{013}^{(10)}+m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{211}^{(22)}+m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{202}^{(21)}\\
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&-2m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{211}^{(20)}+2m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{202}^{(10)}-3m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{112}^{(00)}\\
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&+m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(00)}m_{211}^{(21)}+m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(00)}m_{202}^{(11)}+m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(00)}m_{121}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(00)}m_{112}^{(10)}-2m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(00)}m_{022}^{(00)}-m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{301}^{(21)}\\
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&+2m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{211}^{(21)}-2m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{121}^{(20)}-2m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{301}^{(21)}\\
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&+m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{121}^{(10)} + m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{310}^{(21)} + m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{301}^{(11)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{220}^{(20)} - m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{211}^{(10)} + m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(00)}m_{211}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{121}^{(20)} + m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{112}^{(10)} - m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{022}^{(00)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{301}^{(21)} + m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{211}^{(20)} - m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{202}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{112}^{(00)} - m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{310}^{(21)} + m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{220}^{(20)}\\
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&-2m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(20)}m_{031}^{(22)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(20)}m_{022}^{(21)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{121}^{(22)}\\
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&+m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{112}^{(10)} + m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{121}^{(21)} - m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{112}^{(11)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{031}^{(20)} - m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{022}^{(10)} - m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(11)}m_{211}^{(21)}\\
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&+m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{130}^{(20)} - m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{121}^{(10)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(00)}m_{022}^{(22)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(00)}m_{013}^{(21)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(10)}m_{103}^{(21)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(10)}m_{013}^{(20)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(11)}m_{202}^{(22)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(11)}m_{103}^{(20)} + 4m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{121}^{(22)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{112}^{(21)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{022}^{(20)} - 4m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{211}^{(22)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{202}^{(21)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{112}^{(20)} + m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(00)}m_{031}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(00)}m_{013}^{(11)} + m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{112}^{(21)} + m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{103}^{(11)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{022}^{(20)} - m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{013}^{(10)} - m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{211}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{202}^{(21)} + m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{112}^{(20)} + m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{103}^{(10)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{130}^{(22)} - m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{121}^{(21)} + m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{112}^{(11)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{031}^{(20)} + m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{022}^{(10)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{220}^{(22)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{211}^{(21)} - m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{202}^{(11)} - m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{121}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{112}^{(10)} + m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{121}^{(22)} - m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{112}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{022}^{(20)} - m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{013}^{(10)} + m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{202}^{(21)}
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&-m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{112}^{(20)}+m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{103}^{(10)}-m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{013}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(11)}m_{301}^{(22)}+m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(11)}m_{103}^{(00)}-2m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{220}^{(22)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{211}^{(21)}-m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{121}^{(20)}+m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{112}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{022}^{(00)}+2m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{310}^{(22)}-m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{301}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{211}^{(20)}-m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{202}^{(10)}-m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{112}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(00)}m_{121}^{(21)}+m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(00)}m_{112}^{(11)}-m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(00)}m_{031}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(00)}m_{022}^{(10)}-m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{202}^{(11)}+m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{022}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(11)}m_{301}^{(21)}+m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(11)}m_{211}^{(20)}-m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(11)}m_{202}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(11)}m_{112}^{(00)}+2m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{220}^{(21)}-m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{211}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{130}^{(20)}-2m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{121}^{(10)}-m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{031}^{(00)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{310}^{(21)}+m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{301}^{(11)}-2m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{220}^{(20)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{211}^{(10)}+m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{121}^{(00)}+2m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(00)}m_{112}^{(22)}\\
&-2m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(00)}m_{013}^{(20)}-2m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(10)}m_{202}^{(22)}+2m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(10)}m_{103}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{211}^{(22)}+2m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{112}^{(20)}+2m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(21)}m_{301}^{(22)}\\
&-2m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(21)}m_{202}^{(20)}-m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{121}^{(22)}-m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{112}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{022}^{(20)}+m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{013}^{(10)}+m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{211}^{(22)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{202}^{(21)}-m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{112}^{(20)}-m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{103}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{220}^{(22)}+m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{211}^{(21)}-m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{121}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{112}^{(10)}-m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{310}^{(22)}-m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{301}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{211}^{(20)}+m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{202}^{(10)}-m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{211}^{(22)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{013}^{(00)}+m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(10)}m_{301}^{(22)}-m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(10)}m_{103}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{310}^{(22)}-m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{112}^{(00)}-m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(21)}m_{400}^{(22)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(21)}m_{202}^{(00)}+m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(00)}m_{211}^{(21)}+m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(00)}m_{121}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(00)}m_{112}^{(10)}-m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(00)}m_{022}^{(00)}-m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{301}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{211}^{(20)}+m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{202}^{(10)}+m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{112}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{310}^{(21)}-m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{220}^{(20)}+m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{211}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{121}^{(00)}+m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(21)}m_{400}^{(21)}+m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(21)}m_{310}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(21)}m_{301}^{(10)}-m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(21)}m_{211}^{(00)}+2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(00)}m_{031}^{(22)}\\
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&-2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{022}^{(20)}+2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{211}^{(22)}-4m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{202}^{(21)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{112}^{(20)}-2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{121}^{(21)}+2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{031}^{(20)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{211}^{(21)}-2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{121}^{(20)}-m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(00)}m_{040}^{(22)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(00)}m_{022}^{(11)}+2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{130}^{(22)}-m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{121}^{(21)}\\
&-3m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{112}^{(11)}+m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{031}^{(20)}+m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{022}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{220}^{(22)}+m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{211}^{(21)}+2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{202}^{(11)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{121}^{(20)}-m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{112}^{(10)}+m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{130}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{121}^{(11)}-m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{040}^{(20)}-m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{031}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{220}^{(21)}-m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{211}^{(11)}+m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{130}^{(20)}
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&+m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{121}^{(10)} - m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{130}^{(22)} + m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{121}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{031}^{(20)} + m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{022}^{(10)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{220}^{(22)}\\
&-3m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{211}^{(21)} + 3m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{121}^{(20)} - 3m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{112}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{022}^{(00)} - m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{310}^{(22)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{301}^{(21)}\\
&-2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{211}^{(20)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{202}^{(10)} - m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{112}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{220}^{(21)} - m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{130}^{(20)} + m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{121}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{031}^{(00)} - m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{310}^{(21)} + m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{220}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{211}^{(10)} + m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{121}^{(00)} + m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(00)}m_{130}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(00)}m_{121}^{(11)} + m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(00)}m_{040}^{(20)} - m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(00)}m_{031}^{(10)}\\
&-2m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{220}^{(21)} + 3m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{211}^{(11)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{130}^{(20)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{121}^{(10)} - m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{031}^{(00)} + m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(11)}m_{310}^{(21)}\\
&-2m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(11)}m_{301}^{(11)} + m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(11)}m_{220}^{(20)} - m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(11)}m_{211}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(11)}m_{121}^{(00)} - m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(20)}m_{220}^{(11)} + m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(20)}m_{040}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(21)}m_{310}^{(11)} - m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(21)}m_{130}^{(00)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{121}^{(22)}\\
&-2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{112}^{(21)} + 4m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{022}^{(20)} + 4m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{211}^{(22)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{202}^{(21)} - 6m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{112}^{(20)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(11)}m_{301}^{(22)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(11)}m_{202}^{(20)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{211}^{(21)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{121}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{301}^{(21)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{211}^{(20)} + m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{130}^{(22)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{121}^{(21)} + m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{112}^{(11)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{031}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{022}^{(10)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{220}^{(22)} - 3m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{211}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{202}^{(11)} + 3m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{121}^{(20)} + 3m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{112}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{310}^{(22)} + m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{301}^{(21)} - m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{211}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{202}^{(10)} - m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{220}^{(21)} - m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{211}^{(11)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{130}^{(20)} + m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{121}^{(10)} + m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{310}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{301}^{(11)} - m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{220}^{(20)} - m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{211}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{220}^{(22)} + m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{211}^{(21)} - m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{121}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{112}^{(10)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{022}^{(00)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{310}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{301}^{(21)} + m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{211}^{(20)} - m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{202}^{(10)}\\
&+3m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{112}^{(00)} + m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(11)}m_{400}^{(22)} - m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(11)}m_{202}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{310}^{(21)} + m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{220}^{(20)} - m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{211}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{121}^{(00)} + m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{400}^{(21)} - m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{310}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{301}^{(10)} - m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{211}^{(00)} - m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(00)}m_{220}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(00)}m_{211}^{(11)} - m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(00)}m_{130}^{(20)} + m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(00)}m_{121}^{(10)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(00)}m_{031}^{(00)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{310}^{(21)} + m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{301}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{220}^{(20)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{211}^{(10)} - 3m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{121}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(11)}m_{400}^{(21)} - m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(11)}m_{310}^{(20)} + m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(11)}m_{301}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(11)}m_{211}^{(00)} + m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(20)}m_{310}^{(11)} - m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(20)}m_{130}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(21)}m_{400}^{(11)} + m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(21)}m_{220}^{(00)} + 2m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{121}^{(21)}
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&-2m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{031}^{(20)} - 4m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{211}^{(21)} + 4m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{121}^{(20)}\\
&+2m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{301}^{(21)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{211}^{(20)} - m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(00)}m_{130}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(00)}m_{121}^{(11)} + m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(00)}m_{040}^{(20)} + m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(00)}m_{031}^{(10)}\\
&+2m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(10)}m_{220}^{(21)} + 2m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(10)}m_{211}^{(11)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(22)}m_{130}^{(10)}\\
&-2m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(10)}m_{121}^{(10)} - m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(11)}m_{310}^{(21)} - m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(11)}m_{301}^{(11)}\\
&+m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(11)}m_{220}^{(20)} + m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(11)}m_{211}^{(10)} - m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(00)}m_{220}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(00)}m_{130}^{(20)} - m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(00)}m_{121}^{(10)} + m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(00)}m_{031}^{(00)}\\
&+2m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(10)}m_{310}^{(21)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(10)}m_{220}^{(20)} + 2m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(10)}m_{211}^{(10)}\\
&-2m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(10)}m_{121}^{(00)} - m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(11)}m_{400}^{(21)} + m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(11)}m_{310}^{(20)}\\
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&-m_{000}^{(10)}m_{001}^{(22)}m_{002}^{(00)}m_{040}^{(00)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{002}^{(10)}m_{310}^{(11)} + 2m_{000}^{(10)}m_{001}^{(22)}m_{002}^{(10)}m_{130}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(22)}m_{002}^{(11)}m_{400}^{(11)} - m_{000}^{(10)}m_{001}^{(22)}m_{002}^{(11)}m_{220}^{(00)} - m_{000}^{(11)}m_{100}^{(00)}m_{200}^{(11)}m_{013}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{200}^{(11)}m_{004}^{(21)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{200}^{(21)}m_{022}^{(22)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{200}^{(21)}m_{013}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{200}^{(22)}m_{031}^{(22)} + m_{000}^{(11)}m_{100}^{(00)}m_{200}^{(22)}m_{022}^{(21)} + m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(11)}m_{112}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(11)}m_{103}^{(21)} + m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(11)}m_{013}^{(20)} - m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(11)}m_{004}^{(10)}\\
&-2m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(21)}m_{121}^{(22)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(21)}m_{112}^{(21)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(21)}m_{022}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(21)}m_{013}^{(10)} + m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(22)}m_{130}^{(22)} - m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(22)}m_{121}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(22)}m_{031}^{(20)} - m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(22)}m_{022}^{(10)} - m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(11)}m_{112}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(11)}m_{103}^{(10)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(21)}m_{121}^{(20)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(21)}m_{112}^{(10)}\\
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&+3m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(21)}m_{211}^{(22)} - m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(21)}m_{202}^{(21)} + m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(21)}m_{112}^{(20)}\\
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&+m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(22)}m_{022}^{(00)} + m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(10)}m_{112}^{(20)} - m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(10)}m_{103}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(11)}m_{202}^{(20)} - m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(11)}m_{103}^{(00)} - m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(20)}m_{121}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(20)}m_{112}^{(10)} - 3m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(21)}m_{211}^{(20)} + m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(21)}m_{202}^{(10)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(21)}m_{112}^{(00)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(22)}m_{220}^{(20)} - m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(22)}m_{211}^{(10)}\\
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&+m_{000}^{(11)}m_{100}^{(11)}m_{200}^{(20)}m_{112}^{(22)} - m_{000}^{(11)}m_{100}^{(11)}m_{200}^{(20)}m_{013}^{(20)} + m_{000}^{(11)}m_{100}^{(11)}m_{200}^{(21)}m_{202}^{(22)}\\
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&+m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(10)}m_{202}^{(22)} - m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(10)}m_{004}^{(00)} - m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(20)}m_{211}^{(22)}
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&+m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(22)}m_{310}^{(22)} - m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(22)}m_{112}^{(00)} - m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(10)}m_{202}^{(20)}\\
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&+m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(21)}m_{301}^{(20)} - m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(21)}m_{202}^{(00)} - m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(22)}m_{310}^{(20)}\\
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&+m_{000}^{(11)}m_{100}^{(20)}m_{200}^{(11)}m_{112}^{(22)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{200}^{(11)}m_{103}^{(21)} + m_{000}^{(11)}m_{100}^{(20)}m_{200}^{(11)}m_{013}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{200}^{(20)}m_{031}^{(22)} - m_{000}^{(11)}m_{100}^{(20)}m_{200}^{(20)}m_{022}^{(21)} - m_{000}^{(11)}m_{100}^{(20)}m_{200}^{(21)}m_{121}^{(22)}\\
&+3m_{000}^{(11)}m_{100}^{(20)}m_{200}^{(21)}m_{112}^{(21)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{200}^{(21)}m_{022}^{(20)} - m_{000}^{(11)}m_{100}^{(20)}m_{200}^{(22)}m_{121}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{200}^{(22)}m_{031}^{(20)} + m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(10)}m_{121}^{(22)} - m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(10)}m_{112}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(10)}m_{022}^{(20)} - m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(10)}m_{013}^{(10)} - m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(11)}m_{211}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(11)}m_{202}^{(21)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(11)}m_{112}^{(20)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(11)}m_{103}^{(10)}\\
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&+m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(10)}m_{103}^{(21)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(10)}m_{013}^{(20)} - m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(11)}m_{202}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(11)}m_{103}^{(20)} - m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(20)}m_{121}^{(22)} - m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(20)}m_{112}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(20)}m_{022}^{(20)} + m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(21)}m_{211}^{(22)} - m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(21)}m_{202}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(22)}m_{211}^{(21)} - m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(22)}m_{121}^{(20)} - m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(10)}m_{211}^{(22)}\\
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&+2m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(10)}m_{013}^{(00)} + m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(11)}m_{301}^{(22)} - m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(11)}m_{103}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{220}^{(22)} + m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{211}^{(21)} - m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{121}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{112}^{(10)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{022}^{(00)} - m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(21)}m_{310}^{(22)}\\
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&+m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(22)}m_{121}^{(00)} + m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(10)}m_{211}^{(20)} + m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(10)}m_{202}^{(10)}\\
&-2m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(10)}m_{112}^{(00)} - m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(11)}m_{301}^{(20)} + m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(11)}m_{202}^{(00)}\\
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&+m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(21)}m_{310}^{(20)} - m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(21)}m_{301}^{(10)} + m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(22)}m_{310}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(22)}m_{220}^{(00)} - m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(10)}m_{112}^{(21)} + m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(10)}m_{022}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(11)}m_{202}^{(21)} - m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(11)}m_{112}^{(20)} + m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(20)}m_{121}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(20)}m_{031}^{(20)} - m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(21)}m_{211}^{(21)} + m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(21)}m_{121}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(10)}m_{211}^{(21)} - m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(10)}m_{121}^{(20)} + m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(10)}m_{112}^{(10)}
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&-m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(10)}m_{022}^{(00)} - m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(11)}m_{301}^{(21)} + m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(11)}m_{211}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(11)}m_{202}^{(10)} + m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(11)}m_{112}^{(00)} - m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(20)}m_{220}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(20)}m_{130}^{(20)} - m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(20)}m_{121}^{(10)} + m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(20)}m_{031}^{(00)}\\
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&+m_{000}^{(11)}m_{010}^{(00)}m_{200}^{(10)}m_{013}^{(22)} - m_{000}^{(11)}m_{010}^{(00)}m_{200}^{(10)}m_{004}^{(21)} - m_{000}^{(11)}m_{010}^{(00)}m_{200}^{(20)}m_{022}^{(22)}\\
&+m_{000}^{(11)}m_{010}^{(00)}m_{200}^{(20)}m_{013}^{(21)} - m_{000}^{(11)}m_{010}^{(00)}m_{200}^{(21)}m_{112}^{(22)} + m_{000}^{(11)}m_{010}^{(00)}m_{200}^{(21)}m_{103}^{(21)}\\
&+m_{000}^{(11)}m_{010}^{(00)}m_{200}^{(22)}m_{121}^{(22)} - m_{000}^{(11)}m_{010}^{(00)}m_{200}^{(22)}m_{112}^{(21)} - m_{000}^{(11)}m_{010}^{(00)}m_{101}^{(10)}m_{112}^{(22)}\\
&+m_{000}^{(11)}m_{010}^{(00)}m_{101}^{(10)}m_{103}^{(21)} - m_{000}^{(11)}m_{010}^{(00)}m_{101}^{(10)}m_{013}^{(20)} + m_{000}^{(11)}m_{010}^{(00)}m_{101}^{(10)}m_{004}^{(10)}\\
&+m_{000}^{(11)}m_{010}^{(00)}m_{101}^{(20)}m_{121}^{(22)} - m_{000}^{(11)}m_{010}^{(00)}m_{101}^{(20)}m_{112}^{(21)} + m_{000}^{(11)}m_{010}^{(00)}m_{101}^{(20)}m_{022}^{(20)}\\
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&+m_{000}^{(11)}m_{010}^{(00)}m_{101}^{(21)}m_{112}^{(20)} - m_{000}^{(11)}m_{010}^{(00)}m_{101}^{(21)}m_{103}^{(10)} - m_{000}^{(11)}m_{010}^{(00)}m_{101}^{(22)}m_{220}^{(22)}\\
&+m_{000}^{(11)}m_{010}^{(00)}m_{101}^{(22)}m_{211}^{(21)} - m_{000}^{(11)}m_{010}^{(00)}m_{101}^{(22)}m_{121}^{(20)} + m_{000}^{(11)}m_{010}^{(00)}m_{101}^{(22)}m_{112}^{(10)}\\
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&+2m_{000}^{(11)}m_{010}^{(10)}m_{101}^{(22)}m_{310}^{(22)} - m_{000}^{(11)}m_{010}^{(10)}m_{101}^{(22)}m_{301}^{(21)} + m_{000}^{(11)}m_{010}^{(10)}m_{101}^{(22)}m_{211}^{(20)}\\
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&+3m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(20)}m_{211}^{(20)} - 2m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(20)}m_{202}^{(10)} - m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(20)}m_{112}^{(00)}\\
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&+m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(22)}m_{301}^{(10)} + m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(22)}m_{211}^{(00)} + m_{000}^{(11)}m_{010}^{(11)}m_{200}^{(00)}m_{103}^{(22)}\\
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&+m_{000}^{(11)}m_{010}^{(11)}m_{200}^{(22)}m_{301}^{(22)} - m_{000}^{(11)}m_{010}^{(11)}m_{200}^{(22)}m_{202}^{(20)} - m_{000}^{(11)}m_{010}^{(11)}m_{101}^{(00)}m_{202}^{(22)}\\
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\begin{aligned}
&-m_{000}^{(11)}m_{010}^{(20)}m_{200}^{(00)}m_{013}^{(21)} - m_{000}^{(11)}m_{010}^{(20)}m_{200}^{(10)}m_{112}^{(22)} + 2m_{000}^{(11)}m_{010}^{(20)}m_{200}^{(10)}m_{103}^{(21)}\\
&-m_{000}^{(11)}m_{010}^{(20)}m_{200}^{(10)}m_{013}^{(20)} - m_{000}^{(11)}m_{010}^{(20)}m_{200}^{(20)}m_{121}^{(22)} + m_{000}^{(11)}m_{010}^{(20)}m_{200}^{(20)}m_{022}^{(20)}\\
&+m_{000}^{(11)}m_{010}^{(20)}m_{200}^{(21)}m_{211}^{(22)} - 2m_{000}^{(11)}m_{010}^{(20)}m_{200}^{(21)}m_{202}^{(21)} + m_{000}^{(11)}m_{010}^{(20)}m_{200}^{(21)}m_{112}^{(20)}\\
&+m_{000}^{(11)}m_{010}^{(20)}m_{200}^{(22)}m_{211}^{(21)} - m_{000}^{(11)}m_{010}^{(20)}m_{200}^{(22)}m_{121}^{(20)} - m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(00)}m_{121}^{(22)}\\
&+m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(00)}m_{112}^{(21)} - m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(00)}m_{022}^{(20)} + m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(00)}m_{013}^{(10)}\\
&+m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(10)}m_{211}^{(22)} - 2m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(10)}m_{202}^{(21)} + 2m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(10)}m_{112}^{(20)}\\
&-2m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(10)}m_{103}^{(10)} + m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(10)}m_{013}^{(00)} + m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{220}^{(22)}\\
&-m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{022}^{(00)} - m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(21)}m_{310}^{(22)} + 2m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(21)}m_{301}^{(21)}\\
&-2m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(21)}m_{211}^{(20)} + 2m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(21)}m_{202}^{(10)} - m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(21)}m_{112}^{(00)}\\
&-m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(22)}m_{310}^{(21)} + m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(22)}m_{220}^{(20)} - m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(22)}m_{211}^{(10)}\\
&+m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(22)}m_{121}^{(00)} + m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(00)}m_{121}^{(20)} - m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(00)}m_{112}^{(10)}\\
&-m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(10)}m_{211}^{(20)} + 2m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(10)}m_{202}^{(10)} - m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(10)}m_{112}^{(00)}\\
&-m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(20)}m_{220}^{(20)} + m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(00)}m_{121}^{(20)} + m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(21)}m_{310}^{(20)}\\
&-2m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(21)}m_{301}^{(10)} + m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(21)}m_{211}^{(00)} + m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(22)}m_{310}^{(10)}\\
&-m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(22)}m_{220}^{(00)} - m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(00)}m_{112}^{(22)} - m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(00)}m_{103}^{(21)}\\
&+2m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(00)}m_{013}^{(20)} + m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(10)}m_{202}^{(22)} - m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(10)}m_{103}^{(20)}\\
&+m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{211}^{(22)} + 2m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{202}^{(21)} - 3m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{112}^{(20)}\\
&-m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(21)}m_{301}^{(22)} + m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(21)}m_{202}^{(20)} - m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{301}^{(21)}\\
&+m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{211}^{(20)} + m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(00)}m_{211}^{(22)} + m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(00)}m_{202}^{(21)}\\
&-m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(00)}m_{112}^{(20)} + m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(00)}m_{103}^{(10)} - 2m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(00)}m_{013}^{(00)}\\
&-m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(10)}m_{301}^{(22)} + m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(10)}m_{103}^{(00)} - m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{310}^{(22)}\\
&-2m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{301}^{(21)} + 2m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{211}^{(20)} - 2m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{202}^{(10)}\\
&+3m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{112}^{(00)} + m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(21)}m_{400}^{(22)} - m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(21)}m_{202}^{(00)}\\
&+m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(22)}m_{400}^{(21)} - m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(22)}m_{310}^{(20)} + m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(22)}m_{301}^{(10)}\\
&-m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(22)}m_{211}^{(00)} - m_{000}^{(11)}m_{010}^{(21)}m_{002}^{(00)}m_{211}^{(20)} - m_{000}^{(11)}m_{010}^{(21)}m_{002}^{(00)}m_{202}^{(10)}\\
&+2m_{000}^{(11)}m_{010}^{(21)}m_{002}^{(00)}m_{112}^{(00)} + m_{000}^{(11)}m_{010}^{(21)}m_{002}^{(10)}m_{301}^{(20)} - m_{000}^{(11)}m_{010}^{(21)}m_{002}^{(10)}m_{202}^{(00)}\\
&+m_{000}^{(11)}m_{010}^{(21)}m_{002}^{(20)}m_{310}^{(20)} + 2m_{000}^{(11)}m_{010}^{(21)}m_{002}^{(20)}m_{301}^{(10)} - 3m_{000}^{(11)}m_{010}^{(21)}m_{002}^{(20)}m_{211}^{(00)}\\
&-m_{000}^{(11)}m_{010}^{(21)}m_{002}^{(21)}m_{400}^{(20)} + m_{000}^{(11)}m_{010}^{(21)}m_{002}^{(21)}m_{301}^{(00)} - m_{000}^{(11)}m_{010}^{(21)}m_{002}^{(22)}m_{400}^{(10)}\\
&+m_{000}^{(11)}m_{010}^{(21)}m_{002}^{(22)}m_{310}^{(00)} + m_{000}^{(11)}m_{010}^{(22)}m_{200}^{(00)}m_{112}^{(21)} - m_{000}^{(11)}m_{010}^{(22)}m_{200}^{(00)}m_{022}^{(20)}\\
&-m_{000}^{(11)}m_{010}^{(22)}m_{200}^{(10)}m_{202}^{(21)} + m_{000}^{(11)}m_{010}^{(22)}m_{200}^{(10)}m_{112}^{(20)} - m_{000}^{(11)}m_{010}^{(22)}m_{200}^{(20)}m_{211}^{(21)}\\
&+m_{000}^{(11)}m_{010}^{(22)}m_{200}^{(20)}m_{121}^{(20)} + m_{000}^{(11)}m_{010}^{(22)}m_{200}^{(21)}m_{301}^{(21)} - m_{000}^{(11)}m_{010}^{(22)}m_{200}^{(21)}m_{211}^{(20)}\\
&-m_{000}^{(11)}m_{010}^{(22)}m_{101}^{(00)}m_{211}^{(21)} + m_{000}^{(11)}m_{010}^{(22)}m_{101}^{(00)}m_{121}^{(20)} - m_{000}^{(11)}m_{010}^{(22)}m_{101}^{(00)}m_{112}^{(10)}\\
&+m_{000}^{(11)}m_{010}^{(22)}m_{101}^{(00)}m_{022}^{(00)} + m_{000}^{(11)}m_{010}^{(22)}m_{101}^{(10)}m_{301}^{(21)} - m_{000}^{(11)}m_{010}^{(22)}m_{101}^{(10)}m_{211}^{(20)}\\
&+m_{000}^{(11)}m_{010}^{(22)}m_{101}^{(10)}m_{202}^{(10)} - m_{000}^{(11)}m_{010}^{(22)}m_{101}^{(10)}m_{112}^{(00)} + m_{000}^{(11)}m_{010}^{(22)}m_{101}^{(20)}m_{310}^{(21)}\\
&-m_{000}^{(11)}m_{010}^{(22)}m_{101}^{(20)}m_{220}^{(20)} + m_{000}^{(11)}m_{010}^{(22)}m_{101}^{(20)}m_{211}^{(10)} - m_{000}^{(11)}m_{010}^{(22)}m_{101}^{(20)}m_{121}^{(00)}\\
&-m_{000}^{(11)}m_{010}^{(22)}m_{101}^{(21)}m_{400}^{(21)} + m_{000}^{(11)}m_{010}^{(22)}m_{101}^{(21)}m_{310}^{(20)} - m_{000}^{(11)}m_{010}^{(22)}m_{101}^{(21)}m_{301}^{(10)}\\
&+m_{000}^{(11)}m_{010}^{(22)}m_{101}^{(21)}m_{211}^{(00)} + m_{000}^{(11)}m_{010}^{(22)}m_{002}^{(00)}m_{211}^{(10)} - m_{000}^{(11)}m_{010}^{(22)}m_{002}^{(00)}m_{121}^{(00)}\\
&-m_{000}^{(11)}m_{010}^{(22)}m_{002}^{(10)}m_{301}^{(10)} + m_{000}^{(11)}m_{010}^{(22)}m_{002}^{(10)}m_{211}^{(00)} - m_{000}^{(11)}m_{010}^{(22)}m_{002}^{(20)}m_{310}^{(10)}
\end{aligned}
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\begin{aligned}
&+m_{000}^{(11)}m_{010}^{(22)}m_{002}^{(20)}m_{220}^{(00)} + m_{000}^{(11)}m_{010}^{(22)}m_{002}^{(21)}m_{400}^{(10)} - m_{000}^{(11)}m_{010}^{(22)}m_{002}^{(21)}m_{310}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(10)}m_{022}^{(22)} + m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(10)}m_{013}^{(21)} + m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(11)}m_{112}^{(22)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(11)}m_{103}^{(21)} + m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(20)}m_{031}^{(22)} - m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(20)}m_{022}^{(21)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(21)}m_{121}^{(22)} + m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(21)}m_{112}^{(21)} + m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(10)}m_{121}^{(22)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(10)}m_{112}^{(21)} + m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(10)}m_{022}^{(20)} - m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(10)}m_{013}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(11)}m_{211}^{(22)} + m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(11)}m_{202}^{(21)} - m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(11)}m_{112}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(11)}m_{103}^{(10)} - m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{130}^{(22)} + m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{121}^{(21)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{031}^{(20)} + m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{022}^{(10)} + m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(21)}m_{220}^{(22)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(21)}m_{211}^{(21)} + m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(21)}m_{121}^{(20)} - m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(21)}m_{112}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(10)}m_{121}^{(20)} + m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(10)}m_{112}^{(10)} + m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(11)}m_{211}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(11)}m_{202}^{(10)} + m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(20)}m_{130}^{(20)} - m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(20)}m_{121}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(21)}m_{220}^{(20)} + m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(21)}m_{211}^{(10)} + m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(00)}m_{022}^{(22)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(00)}m_{013}^{(21)} + m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(10)}m_{103}^{(21)} - m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(10)}m_{013}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(11)}m_{202}^{(22)} + m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(11)}m_{103}^{(20)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{121}^{(22)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{112}^{(21)} + m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{022}^{(20)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(21)}m_{211}^{(22)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(21)}m_{202}^{(21)} - m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(21)}m_{112}^{(20)} - m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(00)}m_{121}^{(22)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(00)}m_{112}^{(21)} - m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(00)}m_{022}^{(20)} + m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(00)}m_{013}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{202}^{(21)} + m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{112}^{(20)} - m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{103}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{013}^{(00)} + m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(11)}m_{301}^{(22)} - m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(11)}m_{103}^{(00)}\\
&+2m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{220}^{(22)} - m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{211}^{(21)} + m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{121}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{112}^{(10)} - m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{022}^{(00)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{310}^{(22)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{301}^{(21)} - m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{211}^{(20)} + m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{202}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{112}^{(00)} + m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(00)}m_{121}^{(20)} - m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(00)}m_{112}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{202}^{(10)} - m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{112}^{(00)} - m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(11)}m_{301}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(11)}m_{202}^{(00)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{220}^{(20)} + m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{211}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{121}^{(00)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(21)}m_{310}^{(20)} - m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(21)}m_{301}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(21)}m_{211}^{(00)} - m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(00)}m_{112}^{(22)} + m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(00)}m_{013}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(10)}m_{202}^{(22)} - m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(10)}m_{103}^{(20)} + m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(20)}m_{211}^{(22)}\\
&-m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(20)}m_{112}^{(20)} - m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(21)}m_{301}^{(22)} + m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(21)}m_{202}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(00)}m_{211}^{(22)} - m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(00)}m_{013}^{(00)} - m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(10)}m_{301}^{(22)}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(10)}m_{103}^{(00)} - m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(20)}m_{310}^{(22)} + m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(20)}m_{112}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(21)}m_{400}^{(22)} - m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(21)}m_{202}^{(00)} - m_{000}^{(11)}m_{001}^{(11)}m_{002}^{(00)}m_{211}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{002}^{(00)}m_{112}^{(00)} + m_{000}^{(11)}m_{001}^{(11)}m_{002}^{(10)}m_{301}^{(20)} - m_{000}^{(11)}m_{001}^{(11)}m_{002}^{(10)}m_{202}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{002}^{(20)}m_{310}^{(20)} - m_{000}^{(11)}m_{001}^{(11)}m_{002}^{(20)}m_{211}^{(00)} - m_{000}^{(11)}m_{001}^{(11)}m_{002}^{(21)}m_{400}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{002}^{(21)}m_{301}^{(00)} - m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(00)}m_{031}^{(22)} + m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(00)}m_{022}^{(21)}\\
&+2m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{121}^{(22)} - 3m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{112}^{(21)} + m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{022}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(11)}m_{211}^{(22)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(11)}m_{202}^{(21)} - m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(11)}m_{112}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{121}^{(21)} - m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{031}^{(20)} - m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{211}^{(21)}
\end{aligned}
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$$+m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{121}^{(20)}+m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{130}^{(22)}-m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{121}^{(21)}$$
$$+m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{031}^{(20)}-m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{022}^{(10)}-2m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{220}^{(22)}$$
$$+3m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{211}^{(21)}-3m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{121}^{(20)}+3m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{112}^{(10)}$$
$$-m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{022}^{(00)}+m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{310}^{(22)}-2m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{301}^{(21)}$$
$$+2m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{211}^{(20)}-2m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{202}^{(10)}+m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{112}^{(00)}$$
$$-m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{220}^{(21)}+m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{130}^{(20)}-m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{121}^{(10)}$$
$$+m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{031}^{(00)}+m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{310}^{(21)}-m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{220}^{(20)}$$
$$+m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{211}^{(10)}-m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{121}^{(00)}-m_{000}^{(11)}m_{001}^{(20)}m_{002}^{(00)}m_{130}^{(20)}$$
$$+m_{000}^{(11)}m_{001}^{(20)}m_{002}^{(00)}m_{121}^{(10)}+2m_{000}^{(11)}m_{001}^{(20)}m_{002}^{(10)}m_{220}^{(20)}-3m_{000}^{(11)}m_{001}^{(20)}m_{002}^{(10)}m_{211}^{(10)}$$
$$+m_{000}^{(11)}m_{001}^{(20)}m_{002}^{(10)}m_{121}^{(00)}-m_{000}^{(11)}m_{001}^{(20)}m_{002}^{(11)}m_{310}^{(20)}+2m_{000}^{(11)}m_{001}^{(20)}m_{002}^{(11)}m_{301}^{(10)}$$
$$-m_{000}^{(11)}m_{001}^{(20)}m_{002}^{(11)}m_{211}^{(00)}+m_{000}^{(11)}m_{001}^{(20)}m_{002}^{(20)}m_{220}^{(10)}-m_{000}^{(11)}m_{001}^{(20)}m_{002}^{(20)}m_{130}^{(00)}$$
$$-m_{000}^{(11)}m_{001}^{(20)}m_{002}^{(21)}m_{310}^{(10)}+m_{000}^{(11)}m_{001}^{(20)}m_{002}^{(21)}m_{220}^{(00)}+m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{121}^{(22)}$$
$$+m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{112}^{(21)}-2m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{022}^{(20)}-2m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{211}^{(22)}$$
$$-m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{202}^{(21)}+3m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{112}^{(20)}+m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(11)}m_{301}^{(22)}$$
$$-m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(11)}m_{202}^{(20)}-m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{211}^{(21)}+m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{121}^{(20)}$$
$$+m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{301}^{(21)}-m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{211}^{(20)}-m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{220}^{(22)}$$
$$-m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{211}^{(21)}+m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{121}^{(20)}-m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{112}^{(10)}$$
$$+2m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{022}^{(00)}+2m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{310}^{(22)}+m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{301}^{(21)}$$
$$-m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{211}^{(20)}+m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{202}^{(10)}-3m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{112}^{(00)}$$
$$-m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(11)}m_{400}^{(22)}+m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(11)}m_{202}^{(00)}+m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{310}^{(21)}$$
$$-m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{220}^{(20)}+m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{211}^{(10)}-m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{121}^{(00)}$$
$$-m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{400}^{(21)}+m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{310}^{(20)}-m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{301}^{(10)}$$
$$+m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{211}^{(00)}+m_{000}^{(11)}m_{001}^{(21)}m_{002}^{(00)}m_{220}^{(20)}+m_{000}^{(11)}m_{001}^{(21)}m_{002}^{(00)}m_{211}^{(10)}$$
$$-2m_{000}^{(11)}m_{001}^{(21)}m_{002}^{(00)}m_{121}^{(00)}-2m_{000}^{(11)}m_{001}^{(21)}m_{002}^{(10)}m_{310}^{(20)}-m_{000}^{(11)}m_{001}^{(21)}m_{002}^{(10)}m_{301}^{(10)}$$
$$+3m_{000}^{(11)}m_{001}^{(21)}m_{002}^{(10)}m_{211}^{(00)}+m_{000}^{(11)}m_{001}^{(21)}m_{002}^{(11)}m_{400}^{(20)}-m_{000}^{(11)}m_{001}^{(21)}m_{002}^{(11)}m_{301}^{(00)}$$
$$-m_{000}^{(11)}m_{001}^{(21)}m_{002}^{(20)}m_{310}^{(10)}+m_{000}^{(11)}m_{001}^{(21)}m_{002}^{(20)}m_{220}^{(00)}+m_{000}^{(11)}m_{001}^{(21)}m_{002}^{(21)}m_{400}^{(10)}$$
$$-m_{000}^{(11)}m_{001}^{(21)}m_{002}^{(21)}m_{310}^{(00)}-m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(00)}m_{121}^{(21)}+m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(00)}m_{031}^{(20)}$$
$$+2m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{211}^{(21)}-2m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{121}^{(20)}-m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(11)}m_{301}^{(21)}$$
$$+m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(11)}m_{211}^{(20)}+m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(00)}m_{220}^{(21)}-m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(00)}m_{130}^{(20)}$$
$$+m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(00)}m_{121}^{(10)}-m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(00)}m_{031}^{(00)}-2m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(10)}m_{310}^{(21)}$$
$$+2m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(10)}m_{220}^{(20)}-2m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(10)}m_{211}^{(10)}+2m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(10)}m_{121}^{(00)}$$
$$+m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(11)}m_{400}^{(21)}-m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(11)}m_{310}^{(20)}+m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(11)}m_{301}^{(10)}$$
$$-m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(11)}m_{211}^{(00)}-m_{000}^{(11)}m_{001}^{(22)}m_{002}^{(00)}m_{220}^{(10)}+m_{000}^{(11)}m_{001}^{(22)}m_{002}^{(00)}m_{130}^{(00)}$$
$$+2m_{000}^{(11)}m_{001}^{(22)}m_{002}^{(10)}m_{310}^{(10)}-2m_{000}^{(11)}m_{001}^{(22)}m_{002}^{(10)}m_{220}^{(00)}-m_{000}^{(11)}m_{001}^{(22)}m_{002}^{(11)}m_{400}^{(10)}$$
$$+m_{000}^{(11)}m_{001}^{(22)}m_{002}^{(11)}m_{310}^{(00)}-m_{000}^{(20)}m_{100}^{(00)}m_{110}^{(11)}m_{022}^{(22)}+m_{000}^{(20)}m_{100}^{(00)}m_{110}^{(11)}m_{004}^{(11)}$$
$$+2m_{000}^{(20)}m_{100}^{(00)}m_{110}^{(21)}m_{031}^{(22)}-2m_{000}^{(20)}m_{100}^{(00)}m_{110}^{(21)}m_{013}^{(11)}-m_{000}^{(20)}m_{100}^{(00)}m_{110}^{(22)}m_{040}^{(22)}$$
$$+m_{000}^{(20)}m_{100}^{(00)}m_{110}^{(22)}m_{022}^{(11)}+2m_{000}^{(20)}m_{100}^{(00)}m_{101}^{(11)}m_{022}^{(21)}-2m_{000}^{(20)}m_{100}^{(00)}m_{101}^{(11)}m_{013}^{(11)}$$
$$-4m_{000}^{(20)}m_{100}^{(00)}m_{101}^{(21)}m_{031}^{(21)}+4m_{000}^{(20)}m_{100}^{(00)}m_{101}^{(21)}m_{022}^{(11)}+2m_{000}^{(20)}m_{100}^{(00)}m_{101}^{(22)}m_{040}^{(21)}$$

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\begin{aligned}
&-2m_{000}^{(20)}m_{100}^{(00)}m_{101}^{(22)}m_{031}^{(11)}+m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(11)}m_{112}^{(22)}-m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(11)}m_{103}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(11)}m_{013}^{(20)}-m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(11)}m_{004}^{(10)}-2m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(21)}m_{121}^{(22)}\\
&+2m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(21)}m_{112}^{(21)}-2m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(21)}m_{022}^{(20)}+2m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(21)}m_{013}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(22)}m_{130}^{(22)}-m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(22)}m_{121}^{(21)}+m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(22)}m_{031}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(00)}m_{022}^{(22)}m_{022}^{(10)}-m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(11)}m_{112}^{(21)}+m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(11)}m_{103}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(11)}m_{022}^{(20)}+m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(11)}m_{013}^{(10)}+2m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(21)}m_{121}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(21)}m_{112}^{(11)}+2m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(21)}m_{031}^{(20)}-2m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(21)}m_{022}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(22)}m_{130}^{(21)}+m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(22)}m_{121}^{(11)}-m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(22)}m_{040}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(22)}m_{031}^{(10)}+m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(10)}m_{022}^{(22)}-m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(10)}m_{004}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(11)}m_{112}^{(22)}+m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(11)}m_{103}^{(21)}-m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(11)}m_{013}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(11)}m_{004}^{(10)}-m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(20)}m_{031}^{(22)}+m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(20)}m_{013}^{(11)}\\
&-3m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(21)}m_{121}^{(22)}-2m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(21)}m_{112}^{(21)}+m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(21)}m_{103}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(21)}m_{022}^{(20)}+2m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(21)}m_{013}^{(10)}+2m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(22)}m_{130}^{(22)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(22)}m_{121}^{(21)}-m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(22)}m_{112}^{(11)}-m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(22)}m_{031}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(22)}m_{022}^{(10)}-2m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(10)}m_{022}^{(21)}+2m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(10)}m_{013}^{(11)}\\
&-2m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(11)}m_{112}^{(21)}+2m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(11)}m_{013}^{(10)}+2m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(20)}m_{031}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(20)}m_{022}^{(11)}+6m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(21)}m_{121}^{(21)}-2m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(21)}m_{112}^{(11)}\\
&-4m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(21)}m_{022}^{(10)}-4m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(22)}m_{130}^{(21)}+2m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(22)}m_{121}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(22)}m_{031}^{(10)}-m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(10)}m_{112}^{(22)}+m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(10)}m_{103}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(10)}m_{013}^{(20)}+m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(10)}m_{004}^{(10)}-m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(10)}m_{202}^{(22)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(11)}m_{004}^{(00)}+m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(20)}m_{121}^{(22)}-m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(20)}m_{112}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(20)}m_{022}^{(20)}-m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(20)}m_{013}^{(10)}+3m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(21)}m_{211}^{(22)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(21)}m_{202}^{(21)}+m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(21)}m_{112}^{(20)}-m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(21)}m_{103}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(21)}m_{013}^{(00)}-2m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(22)}m_{220}^{(22)}+m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(22)}m_{211}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(22)}m_{121}^{(20)}+m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(22)}m_{112}^{(10)}+m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(22)}m_{022}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(10)}m_{112}^{(21)}-m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(10)}m_{103}^{(11)}+m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(10)}m_{022}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(10)}m_{013}^{(10)}+m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(11)}m_{202}^{(21)}+m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(11)}m_{112}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(11)}m_{103}^{(10)}-m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(11)}m_{013}^{(00)}-m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(20)}m_{121}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(20)}m_{112}^{(11)}-m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(20)}m_{031}^{(20)}+m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(20)}m_{022}^{(10)}\\
&-3m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(21)}m_{211}^{(21)}+m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(21)}m_{202}^{(11)}-3m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(21)}m_{121}^{(20)}\\
&+3m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(21)}m_{112}^{(10)}+2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(21)}m_{022}^{(00)}+2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(22)}m_{220}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(22)}m_{211}^{(11)}+2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(22)}m_{130}^{(20)}-2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(22)}m_{121}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(22)}m_{031}^{(00)}-m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(10)}m_{112}^{(22)}-m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(10)}m_{103}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(10)}m_{013}^{(20)}+m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(10)}m_{004}^{(10)}+m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(20)}m_{121}^{(22)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(20)}m_{112}^{(21)}-m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(20)}m_{022}^{(20)}-m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(20)}m_{013}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(21)}m_{211}^{(22)}+m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(21)}m_{202}^{(21)}-m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(21)}m_{112}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(21)}m_{103}^{(10)}-m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(22)}m_{220}^{(22)}-m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(22)}m_{211}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(22)}m_{121}^{(20)}+m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(22)}m_{112}^{(10)}+2m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(10)}m_{112}^{(21)}
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&-2m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(10)}m_{013}^{(10)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(20)}m_{121}^{(21)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(20)}m_{022}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(21)}m_{211}^{(21)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(21)}m_{112}^{(10)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(22)}m_{220}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(22)}m_{121}^{(10)} + m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(10)}m_{202}^{(22)} - m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(10)}m_{004}^{(00)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(20)}m_{211}^{(22)} + m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(20)}m_{013}^{(00)} - m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(21)}m_{301}^{(22)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(21)}m_{103}^{(00)} + m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(22)}m_{310}^{(22)} - m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(22)}m_{112}^{(00)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(10)}m_{202}^{(21)} - m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(10)}m_{112}^{(20)} + m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(10)}m_{103}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(10)}m_{013}^{(00)} + m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(20)}m_{211}^{(21)} + m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(20)}m_{121}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(20)}m_{112}^{(10)} - m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(20)}m_{022}^{(00)} + m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(21)}m_{301}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(21)}m_{211}^{(20)} - m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(21)}m_{202}^{(10)} - m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(21)}m_{112}^{(00)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(22)}m_{310}^{(21)} - m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(22)}m_{220}^{(20)} + m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(22)}m_{211}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(22)}m_{121}^{(00)} - m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(10)}m_{031}^{(22)} + m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(10)}m_{013}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(11)}m_{121}^{(22)} - m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(11)}m_{112}^{(21)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(11)}m_{103}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(11)}m_{022}^{(20)} + m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(11)}m_{013}^{(10)} + m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(20)}m_{040}^{(22)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(20)}m_{022}^{(11)} - m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(21)}m_{130}^{(22)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(21)}m_{121}^{(21)}\\
&+3m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(21)}m_{112}^{(11)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(21)}m_{031}^{(20)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(21)}m_{022}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(22)}m_{130}^{(21)} - m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(22)}m_{121}^{(11)} + m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(22)}m_{040}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(22)}m_{031}^{(10)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(10)}m_{031}^{(21)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(10)}m_{022}^{(11)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(11)}m_{121}^{(21)} + 4m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(11)}m_{112}^{(11)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(11)}m_{022}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(20)}m_{040}^{(21)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(20)}m_{031}^{(11)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(21)}m_{130}^{(21)}\\
&-6m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(21)}m_{121}^{(11)} + 4m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(21)}m_{031}^{(10)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(22)}m_{130}^{(11)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(22)}m_{040}^{(10)} + m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(10)}m_{121}^{(22)} - m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(10)}m_{112}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(10)}m_{022}^{(20)} - m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(10)}m_{013}^{(10)} - m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(11)}m_{211}^{(22)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(11)}m_{202}^{(21)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(11)}m_{112}^{(20)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(11)}m_{103}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(11)}m_{013}^{(00)} - m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(20)}m_{130}^{(22)} + m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(20)}m_{121}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(20)}m_{031}^{(20)} + m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(21)}m_{022}^{(10)} + m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(21)}m_{220}^{(22)}\\
&-3m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(21)}m_{211}^{(21)} + 3m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(21)}m_{121}^{(20)} - 3m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(21)}m_{112}^{(10)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(21)}m_{022}^{(00)} + m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(22)}m_{220}^{(21)} - m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(22)}m_{130}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(22)}m_{121}^{(10)} - m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(22)}m_{031}^{(00)} - m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(10)}m_{121}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(10)}m_{112}^{(11)} - m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(10)}m_{031}^{(20)} + m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(10)}m_{022}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(11)}m_{211}^{(21)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(11)}m_{202}^{(11)} + m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(11)}m_{121}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(11)}m_{112}^{(10)} + m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(11)}m_{022}^{(00)} + m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(20)}m_{130}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(20)}m_{121}^{(11)} + m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(20)}m_{040}^{(20)} - m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(20)}m_{031}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(21)}m_{220}^{(21)} + 3m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(21)}m_{211}^{(11)} - m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(21)}m_{130}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(21)}m_{121}^{(10)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(21)}m_{031}^{(00)} - m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(22)}m_{220}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(22)}m_{040}^{(00)} + m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(10)}m_{121}^{(22)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(10)}m_{112}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(10)}m_{103}^{(11)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(20)}m_{022}^{(10)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(10)}m_{013}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(11)}m_{211}^{(22)} - m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(11)}m_{202}^{(21)} + m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(11)}m_{112}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(11)}m_{103}^{(10)} - m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(20)}m_{130}^{(22)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(20)}m_{121}^{(21)}
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&-m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(20)}m_{112}^{(11)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(20)}m_{031}^{(20)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(20)}m_{022}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{220}^{(22)} - m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{202}^{(11)} + m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(22)}m_{220}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(22)}m_{211}^{(11)} - m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(22)}m_{130}^{(20)} - m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(22)}m_{121}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(10)}m_{121}^{(21)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(10)}m_{112}^{(11)} + 4m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(10)}m_{022}^{(10)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{211}^{(21)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{112}^{(10)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(20)}m_{130}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(20)}m_{121}^{(11)} - 4m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(20)}m_{031}^{(10)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{220}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{211}^{(11)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(22)}m_{220}^{(11)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(22)}m_{130}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(10)}m_{211}^{(22)} - m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(10)}m_{202}^{(21)} + m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(10)}m_{112}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(10)}m_{103}^{(10)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(10)}m_{013}^{(00)} + m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(11)}m_{301}^{(22)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(11)}m_{103}^{(00)} + m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{220}^{(22)} + m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{211}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{121}^{(20)} + m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{112}^{(10)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{022}^{(00)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(21)}m_{310}^{(22)} + m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(21)}m_{301}^{(21)} - m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(21)}m_{211}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(21)}m_{202}^{(10)} - m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(22)}m_{310}^{(21)} + m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(22)}m_{220}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(22)}m_{211}^{(10)} + m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(22)}m_{121}^{(00)} + m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{211}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{202}^{(11)} + m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{121}^{(20)} - m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{112}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{022}^{(00)} - m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(11)}m_{301}^{(21)} - m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(11)}m_{211}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(11)}m_{202}^{(10)} + m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(11)}m_{112}^{(00)} - m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(20)}m_{220}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(20)}m_{211}^{(11)} - m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(20)}m_{130}^{(20)} + m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(20)}m_{121}^{(10)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(20)}m_{031}^{(00)} + m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(21)}m_{310}^{(21)} - m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(21)}m_{301}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(21)}m_{220}^{(20)} - m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(21)}m_{211}^{(10)} + m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(22)}m_{310}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(22)}m_{130}^{(00)} - m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(10)}m_{121}^{(21)} - m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(10)}m_{112}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(10)}m_{031}^{(20)} + m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(10)}m_{022}^{(10)} + m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(11)}m_{211}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(11)}m_{202}^{(11)} - m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(11)}m_{121}^{(20)} - m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(11)}m_{112}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(20)}m_{130}^{(21)} + m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(20)}m_{121}^{(11)} - m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(20)}m_{040}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(20)}m_{031}^{(10)} - m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(21)}m_{220}^{(21)} - m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(21)}m_{211}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(21)}m_{130}^{(20)} + m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(21)}m_{121}^{(10)} + 2m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(10)}m_{121}^{(11)}\\
&-2m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(10)}m_{031}^{(10)} - 2m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(11)}m_{211}^{(11)} + 2m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(11)}m_{121}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(20)}m_{130}^{(11)} + 2m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(20)}m_{040}^{(10)} + 2m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(21)}m_{220}^{(11)}\\
&-2m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(21)}m_{130}^{(10)} + m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(10)}m_{211}^{(21)} - m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(10)}m_{121}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(10)}m_{112}^{(10)} - m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(10)}m_{022}^{(00)} - m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(11)}m_{301}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(11)}m_{211}^{(20)} - m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(11)}m_{202}^{(10)} + m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(11)}m_{112}^{(00)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(20)}m_{220}^{(21)} + m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(20)}m_{130}^{(20)} - m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(20)}m_{121}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(20)}m_{031}^{(00)} + m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(21)}m_{310}^{(21)} - m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(21)}m_{220}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(21)}m_{211}^{(10)} - m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(21)}m_{121}^{(00)} - m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(10)}m_{211}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(10)}m_{031}^{(00)} + m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(11)}m_{301}^{(11)} - m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(11)}m_{121}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(20)}m_{220}^{(11)} - m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(20)}m_{040}^{(00)} - m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(21)}m_{310}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(21)}m_{130}^{(00)} + m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(10)}m_{022}^{(22)} - m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(10)}m_{004}^{(11)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(20)}m_{031}^{(22)} + m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(20)}m_{013}^{(11)} - m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(21)}m_{121}^{(22)}
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&+m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(21)}m_{103}^{(11)} + m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(22)}m_{130}^{(22)} - m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(22)}m_{112}^{(11)}\\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(10)}m_{022}^{(21)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(10)}m_{013}^{(11)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(20)}m_{031}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(20)}m_{022}^{(11)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(21)}m_{121}^{(21)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(21)}m_{112}^{(11)}\\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(22)}m_{130}^{(21)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(22)}m_{121}^{(11)} - m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(10)}m_{112}^{(22)}\\
&+m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(10)}m_{103}^{(21)} - m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(10)}m_{013}^{(20)} + m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(10)}m_{004}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(20)}m_{121}^{(22)} - m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(20)}m_{112}^{(21)} + m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(20)}m_{022}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(20)}m_{013}^{(10)} + m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(21)}m_{211}^{(22)} - m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(21)}m_{202}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(21)}m_{112}^{(20)} - m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(21)}m_{103}^{(10)} - m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(22)}m_{220}^{(22)}\\
&+m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(22)}m_{211}^{(21)} - m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(22)}m_{121}^{(20)} + m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(22)}m_{112}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(10)}m_{112}^{(21)} - m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(10)}m_{103}^{(11)} + m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(10)}m_{022}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(10)}m_{013}^{(10)} - m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(20)}m_{121}^{(21)} + m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(20)}m_{112}^{(11)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(20)}m_{031}^{(20)} + m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(20)}m_{022}^{(10)} - m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{211}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{202}^{(11)} - m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{121}^{(20)} + m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{112}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(22)}m_{220}^{(21)} - m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(22)}m_{211}^{(11)} + m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(22)}m_{130}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(22)}m_{121}^{(10)} - m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(00)}m_{022}^{(22)} + m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(00)}m_{004}^{(11)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(10)}m_{112}^{(22)} - m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(10)}m_{103}^{(21)} + m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(10)}m_{013}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(10)}m_{004}^{(10)} + 3m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(20)}m_{121}^{(22)} + m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(20)}m_{112}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(20)}m_{103}^{(11)} - m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(20)}m_{022}^{(20)} - m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(20)}m_{013}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{211}^{(22)} + m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{202}^{(21)} - m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{112}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{103}^{(10)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{220}^{(22)} - m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{211}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{202}^{(11)} + m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{121}^{(20)} + m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{112}^{(10)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(00)}m_{022}^{(21)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(00)}m_{013}^{(11)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(10)}m_{112}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(10)}m_{013}^{(10)} - 6m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(20)}m_{121}^{(21)} + 4m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(20)}m_{112}^{(11)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(20)}m_{022}^{(10)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{211}^{(21)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{112}^{(10)}\\
&+4m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(22)}m_{220}^{(21)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(22)}m_{211}^{(11)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(22)}m_{121}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(00)}m_{112}^{(22)} - m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(00)}m_{103}^{(21)} + m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(00)}m_{013}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(00)}m_{004}^{(10)} + m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(10)}m_{202}^{(22)} - m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(10)}m_{004}^{(00)}\\
&-3m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(20)}m_{211}^{(22)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(20)}m_{202}^{(21)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(20)}m_{112}^{(20)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(20)}m_{103}^{(10)} + m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(20)}m_{013}^{(00)} - m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(21)}m_{301}^{(22)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(21)}m_{103}^{(00)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(22)}m_{310}^{(22)} - m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(22)}m_{301}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(22)}m_{211}^{(20)} - m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(22)}m_{202}^{(10)} - m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(22)}m_{112}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(00)}m_{112}^{(21)} + m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(00)}m_{103}^{(11)} - m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(00)}m_{022}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(00)}m_{013}^{(10)} - m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{202}^{(21)} - m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{112}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{103}^{(10)} + m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{013}^{(00)} + 3m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{211}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{202}^{(11)} + 3m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{121}^{(20)} - 3m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{112}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{022}^{(00)} + m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{301}^{(21)} + m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{211}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{202}^{(10)} - m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{112}^{(00)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(22)}m_{310}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(22)}m_{301}^{(11)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(22)}m_{220}^{(20)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(22)}m_{211}^{(10)}
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&+m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(22)}m_{121}^{(00)} + m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(00)}m_{112}^{(22)} + m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(00)}m_{103}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(00)}m_{013}^{(20)} - m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(00)}m_{004}^{(10)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(20)}m_{211}^{(22)}\\
&-2m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(20)}m_{202}^{(21)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(20)}m_{112}^{(20)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(20)}m_{103}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(22)}m_{310}^{(22)} + m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(21)}m_{301}^{(21)} - m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(22)}m_{211}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(22)}m_{202}^{(10)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(00)}m_{112}^{(21)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(00)}m_{013}^{(10)}\\
&+4m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(20)}m_{211}^{(21)} - 4m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(20)}m_{112}^{(10)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(22)}m_{310}^{(21)}\\
&+2m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(22)}m_{211}^{(10)} - m_{000}^{(20)}m_{010}^{(11)}m_{020}^{(00)}m_{202}^{(22)} + m_{000}^{(20)}m_{010}^{(11)}m_{020}^{(00)}m_{004}^{(00)}\\
&+2m_{000}^{(20)}m_{010}^{(11)}m_{020}^{(20)}m_{301}^{(22)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{020}^{(20)}m_{103}^{(00)} - m_{000}^{(20)}m_{010}^{(11)}m_{020}^{(22)}m_{400}^{(22)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{020}^{(22)}m_{202}^{(00)} + m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(00)}m_{202}^{(21)} + m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(00)}m_{112}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(00)}m_{103}^{(10)} - m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(00)}m_{013}^{(00)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(20)}m_{301}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(20)}m_{211}^{(20)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(20)}m_{202}^{(10)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(20)}m_{112}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(22)}m_{400}^{(21)} + m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(22)}m_{310}^{(20)} - m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(22)}m_{301}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(22)}m_{211}^{(00)} + m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(00)}m_{031}^{(22)} - m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(00)}m_{013}^{(11)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(10)}m_{121}^{(22)} + m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(10)}m_{112}^{(21)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(10)}m_{103}^{(11)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(10)}m_{022}^{(20)} - m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(10)}m_{013}^{(10)} - m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(20)}m_{130}^{(22)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(20)}m_{121}^{(21)} + m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(20)}m_{031}^{(20)} + m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(20)}m_{022}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{220}^{(22)} - m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{211}^{(21)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{202}^{(11)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{121}^{(20)} + m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{112}^{(10)} + m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(22)}m_{220}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(22)}m_{211}^{(11)} - m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(22)}m_{130}^{(20)} - m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(22)}m_{121}^{(10)}\\
&-2m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(00)}m_{031}^{(21)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(00)}m_{022}^{(11)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(10)}m_{121}^{(21)}\\
&-4m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(10)}m_{112}^{(11)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(10)}m_{022}^{(10)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(20)}m_{130}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(20)}m_{031}^{(10)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{220}^{(21)} + 4m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{211}^{(11)}\\
&-2m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{121}^{(10)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(22)}m_{220}^{(11)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(22)}m_{130}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(00)}m_{121}^{(22)} + m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(00)}m_{112}^{(21)} - m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(00)}m_{022}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(00)}m_{013}^{(10)} + m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(10)}m_{211}^{(22)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(10)}m_{202}^{(21)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(10)}m_{112}^{(20)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(10)}m_{103}^{(10)} + m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(10)}m_{013}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(20)}m_{220}^{(22)} - m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(20)}m_{022}^{(00)} - m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(21)}m_{310}^{(22)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(21)}m_{301}^{(21)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(21)}m_{211}^{(20)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(21)}m_{202}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(21)}m_{112}^{(00)} - m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(22)}m_{310}^{(21)} + m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(22)}m_{220}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(22)}m_{211}^{(10)} + m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(22)}m_{121}^{(00)} + m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(00)}m_{121}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(00)}m_{112}^{(11)} + m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(00)}m_{031}^{(20)} - m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(00)}m_{022}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{211}^{(21)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{202}^{(11)} - m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{121}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{112}^{(10)} - m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{022}^{(00)} - m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(20)}m_{220}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(20)}m_{130}^{(20)} + m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(20)}m_{121}^{(10)} + m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(20)}m_{031}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{310}^{(21)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{301}^{(11)} + m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{220}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{211}^{(10)} + m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{121}^{(00)} + m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(22)}m_{310}^{(11)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(22)}m_{130}^{(00)} - m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(00)}m_{121}^{(22)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(00)}m_{112}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(00)}m_{103}^{(11)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(00)}m_{022}^{(20)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(00)}m_{013}^{(10)}
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&+m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{211}^{(22)}+m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{202}^{(21)}-m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{112}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{103}^{(10)}+m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{220}^{(22)}+3m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{211}^{(21)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{202}^{(11)}-3m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{121}^{(20)}-3m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{112}^{(10)}\\
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&+m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{202}^{(10)}-m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(22)}m_{310}^{(21)}-m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(22)}m_{301}^{(11)}\\
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&+2m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(00)}m_{112}^{(11)}-4m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(00)}m_{022}^{(10)}-2m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{211}^{(21)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{112}^{(10)}-2m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{220}^{(21)}-4m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{211}^{(11)}\\
&+6m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{121}^{(10)}+2m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{310}^{(21)}-2m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{211}^{(10)}\\
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&+m_{000}^{(20)}m_{010}^{(21)}m_{020}^{(00)}m_{202}^{(21)}-m_{000}^{(20)}m_{010}^{(21)}m_{020}^{(00)}m_{112}^{(20)}+m_{000}^{(20)}m_{010}^{(21)}m_{020}^{(00)}m_{103}^{(10)}\\
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&-m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(21)}m_{220}^{(00)} - m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(10)}m_{031}^{(22)} + m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(10)}m_{013}^{(11)}\\
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&+2m_{000}^{(20)}m_{001}^{(00)}m_{101}^{(21)}m_{130}^{(21)} - 2m_{000}^{(20)}m_{001}^{(00)}m_{101}^{(21)}m_{121}^{(11)} + m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(10)}m_{121}^{(22)}\\
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&+4m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{130}^{(21)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{121}^{(11)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{031}^{(10)}\\
&-4m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{220}^{(21)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{211}^{(11)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{121}^{(10)}\\
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&+2m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{121}^{(10)}+m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{031}^{(00)}+2m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{310}^{(21)}\\
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&+6m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{121}^{(11)}-2m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{031}^{(10)}+2m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{220}^{(21)}\\
&-4m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{211}^{(11)}+2m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{121}^{(10)}-2m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(20)}m_{130}^{(11)}\\
&+2m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(20)}m_{040}^{(10)}+2m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(21)}m_{220}^{(11)}-2m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(21)}m_{130}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(00)}m_{130}^{(22)}-m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(00)}m_{121}^{(21)}+m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(00)}m_{031}^{(20)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(00)}m_{022}^{(10)}-2m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{220}^{(22)}+3m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{211}^{(21)}\\
&-3m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{121}^{(20)}+3m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{112}^{(10)}-m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{022}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(11)}m_{310}^{(22)}-2m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(11)}m_{301}^{(21)}+2m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(11)}m_{211}^{(20)}\\
&-2m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(11)}m_{202}^{(10)}+m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(11)}m_{112}^{(00)}-m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{220}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{130}^{(20)}-m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{121}^{(10)}+m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{031}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{310}^{(21)}-m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{220}^{(20)}+m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{211}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{121}^{(00)}-m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(00)}m_{130}^{(21)}+m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(00)}m_{121}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(00)}m_{040}^{(20)}+m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(00)}m_{031}^{(10)}+2m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{220}^{(21)}
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&-3m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{211}^{(11)}+2m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{130}^{(20)}-2m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{121}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{031}^{(00)}-m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{310}^{(21)}+2m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{301}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{220}^{(20)}+m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{211}^{(10)}-m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{121}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(20)}m_{220}^{(11)}-m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(20)}m_{040}^{(00)}-m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(21)}m_{310}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(21)}m_{130}^{(00)}+m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{130}^{(22)}+2m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{121}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{112}^{(11)}-2m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{031}^{(20)}-2m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{022}^{(10)}\\
&-2m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{220}^{(22)}-3m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{211}^{(21)}-m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{202}^{(11)}\\
&+3m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{121}^{(20)}+3m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{112}^{(10)}+m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{310}^{(22)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{301}^{(21)}-m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{211}^{(11)}-m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{202}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{220}^{(21)}-m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{211}^{(11)}+m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{130}^{(20)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{121}^{(10)}+m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{310}^{(21)}+m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{301}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{220}^{(20)}-m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{211}^{(10)}-2m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(00)}m_{130}^{(21)}\\
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&-m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{220}^{(20)}+m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{211}^{(10)}-m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{121}^{(00)}\\
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&+m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{211}^{(00)}+m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{220}^{(21)}+m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{211}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{130}^{(20)}-m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{121}^{(10)}-2m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{031}^{(00)}\\
&-2m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{310}^{(21)}-m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{301}^{(11)}-2m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{220}^{(20)}\\
&+2m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{211}^{(10)}+3m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{121}^{(00)}+m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{400}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{310}^{(20)}-m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{301}^{(10)}-m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{211}^{(00)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(20)}m_{310}^{(11)}+m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(20)}m_{130}^{(00)}+m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(21)}m_{400}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(21)}m_{220}^{(00)}-m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{130}^{(21)}-m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{121}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{040}^{(20)}+m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{031}^{(10)}+2m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{220}^{(21)}\\
&+2m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{211}^{(11)}-2m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{130}^{(20)}-2m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{121}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{310}^{(21)}-m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{301}^{(11)}+m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{220}^{(20)}\\
&+m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{211}^{(10)}+2m_{000}^{(20)}m_{001}^{(22)}m_{101}^{(00)}m_{130}^{(11)}-2m_{000}^{(20)}m_{001}^{(22)}m_{101}^{(00)}m_{040}^{(10)}\\
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&+m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{121}^{(10)}-m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{031}^{(00)}-2m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{310}^{(21)}\\
&+2m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{220}^{(20)}-2m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{211}^{(10)}+2m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{121}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(11)}m_{400}^{(21)}-m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(11)}m_{310}^{(20)}+m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(11)}m_{301}^{(10)}
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&-m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(11)}m_{211}^{(00)} - m_{000}^{(20)}m_{001}^{(22)}m_{011}^{(00)}m_{220}^{(11)} + m_{000}^{(20)}m_{001}^{(22)}m_{011}^{(00)}m_{040}^{(00)}\\
&+2m_{000}^{(20)}m_{001}^{(22)}m_{011}^{(10)}m_{310}^{(11)} - 2m_{000}^{(20)}m_{001}^{(22)}m_{011}^{(10)}m_{130}^{(00)} - m_{000}^{(20)}m_{001}^{(22)}m_{011}^{(11)}m_{400}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(22)}m_{011}^{(11)}m_{220}^{(00)} + m_{000}^{(21)}m_{100}^{(00)}m_{200}^{(11)}m_{022}^{(22)} - m_{000}^{(21)}m_{100}^{(00)}m_{200}^{(11)}m_{004}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{200}^{(21)}m_{031}^{(22)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{200}^{(21)}m_{013}^{(11)} + m_{000}^{(21)}m_{100}^{(00)}m_{200}^{(22)}m_{040}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{200}^{(22)}m_{022}^{(11)} - m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(11)}m_{112}^{(22)} + m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(11)}m_{103}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(11)}m_{013}^{(20)} + m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(11)}m_{004}^{(10)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(21)}m_{121}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(21)}m_{112}^{(21)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(21)}m_{022}^{(20)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(21)}m_{013}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(22)}m_{130}^{(22)} + m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(22)}m_{121}^{(21)} - m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(22)}m_{031}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(22)}m_{022}^{(10)} - m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(11)}m_{112}^{(21)} + m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(11)}m_{103}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(11)}m_{022}^{(20)} + m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(11)}m_{013}^{(10)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(21)}m_{121}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(21)}m_{112}^{(11)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(21)}m_{031}^{(20)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(21)}m_{022}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(22)}m_{130}^{(21)} + m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(22)}m_{121}^{(11)} - m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(22)}m_{040}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(22)}m_{031}^{(10)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(11)}m_{112}^{(20)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(11)}m_{103}^{(10)}\\
&-4m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(21)}m_{121}^{(20)} + 4m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(21)}m_{112}^{(10)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(22)}m_{130}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(22)}m_{121}^{(10)} - m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(10)}m_{022}^{(22)} + m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(10)}m_{004}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(11)}m_{112}^{(22)} - m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(11)}m_{103}^{(21)} + m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(11)}m_{013}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(11)}m_{004}^{(10)} + m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(20)}m_{031}^{(22)} - m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(20)}m_{013}^{(11)}\\
&+3m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(21)}m_{121}^{(22)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(21)}m_{112}^{(21)} - m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(21)}m_{103}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(21)}m_{022}^{(20)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(21)}m_{013}^{(10)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(22)}m_{130}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(22)}m_{121}^{(21)} + m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(22)}m_{112}^{(11)} + m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(22)}m_{031}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(22)}m_{022}^{(10)} + m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(10)}m_{112}^{(22)} - m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(10)}m_{103}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(10)}m_{013}^{(20)} - m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(10)}m_{004}^{(10)} + m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(11)}m_{202}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(11)}m_{004}^{(00)} - m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(20)}m_{121}^{(22)} + m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(20)}m_{112}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(20)}m_{022}^{(20)} + m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(20)}m_{013}^{(10)} - 3m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(21)}m_{211}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(21)}m_{202}^{(21)} - m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(21)}m_{112}^{(20)} + m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(21)}m_{103}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(21)}m_{013}^{(00)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(22)}m_{220}^{(22)} - m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(22)}m_{211}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(22)}m_{121}^{(20)} - m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(22)}m_{112}^{(10)} - m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(22)}m_{022}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(10)}m_{112}^{(21)} - m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(10)}m_{103}^{(11)} + m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(10)}m_{022}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(10)}m_{013}^{(10)} + m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(11)}m_{202}^{(21)} + m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(11)}m_{112}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(11)}m_{103}^{(10)} - m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(11)}m_{013}^{(00)} - m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(20)}m_{121}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(20)}m_{112}^{(11)} - m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(20)}m_{031}^{(20)} + m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(20)}m_{022}^{(10)}\\
&-3m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(21)}m_{211}^{(21)} + m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(21)}m_{202}^{(11)} - 3m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(21)}m_{121}^{(20)}\\
&+3m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(21)}m_{112}^{(10)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(21)}m_{022}^{(00)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(22)}m_{220}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(22)}m_{211}^{(11)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(22)}m_{130}^{(20)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(22)}m_{121}^{(10)}\\
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&+2m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(22)}m_{121}^{(00)}+m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(10)}m_{112}^{(22)}+m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(10)}m_{103}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(10)}m_{013}^{(20)}-m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(10)}m_{004}^{(10)}-m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(20)}m_{121}^{(22)}\\
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&-m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(21)}m_{211}^{(22)}-m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(21)}m_{202}^{(21)}+m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(21)}m_{112}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(21)}m_{103}^{(10)}+m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(22)}m_{220}^{(22)}+m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(22)}m_{211}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(22)}m_{121}^{(20)}-m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(22)}m_{112}^{(10)}-m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(10)}m_{202}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(10)}m_{004}^{(00)}+m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(20)}m_{211}^{(22)}-m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(20)}m_{013}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(21)}m_{301}^{(22)}-m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(21)}m_{103}^{(00)}-m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(22)}m_{310}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(22)}m_{112}^{(00)}-m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(10)}m_{202}^{(21)}-m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(10)}m_{112}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(10)}m_{103}^{(10)}+m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(10)}m_{013}^{(00)}+m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(20)}m_{211}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(20)}m_{121}^{(20)}-m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(20)}m_{112}^{(10)}-m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(20)}m_{022}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(21)}m_{301}^{(21)}+m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(21)}m_{211}^{(20)}-m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(21)}m_{202}^{(10)}\\
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&+m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(22)}m_{211}^{(10)}+m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(22)}m_{121}^{(00)}+2m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(10)}m_{202}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(10)}m_{103}^{(00)}-2m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(20)}m_{211}^{(20)}+2m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(20)}m_{112}^{(00)}\\
&-2m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(21)}m_{301}^{(20)}+2m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(21)}m_{202}^{(00)}+2m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(22)}m_{310}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(22)}m_{211}^{(00)}+m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(10)}m_{031}^{(22)}-m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(10)}m_{013}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(11)}m_{121}^{(22)}+m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(11)}m_{112}^{(21)}+2m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(11)}m_{103}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(11)}m_{022}^{(20)}-m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(11)}m_{013}^{(10)}-m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(20)}m_{040}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(20)}m_{022}^{(11)}+m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(21)}m_{130}^{(22)}-2m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(21)}m_{121}^{(21)}\\
&-3m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(21)}m_{112}^{(11)}+2m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(21)}m_{031}^{(20)}+2m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(21)}m_{022}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(22)}m_{130}^{(21)}+m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(22)}m_{121}^{(11)}-m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(22)}m_{040}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(22)}m_{031}^{(10)}-m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(10)}m_{121}^{(22)}+m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(10)}m_{112}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(10)}m_{022}^{(20)}+m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(10)}m_{013}^{(10)}+m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(11)}m_{211}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(11)}m_{202}^{(21)}+2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(11)}m_{112}^{(20)}-2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(11)}m_{103}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(11)}m_{013}^{(00)}+m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(20)}m_{130}^{(22)}-m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(20)}m_{121}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(20)}m_{031}^{(20)}-m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(20)}m_{022}^{(10)}-m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(21)}m_{220}^{(22)}\\
&+3m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(21)}m_{211}^{(21)}-3m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(21)}m_{121}^{(20)}+3m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(21)}m_{112}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(21)}m_{022}^{(00)}-m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(22)}m_{220}^{(21)}+m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(22)}m_{130}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(22)}m_{121}^{(10)}+m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(22)}m_{031}^{(00)}-m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(10)}m_{121}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(10)}m_{112}^{(11)}-m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(10)}m_{031}^{(20)}+m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(10)}m_{022}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(11)}m_{211}^{(21)}-2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(11)}m_{202}^{(11)}+m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(11)}m_{121}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(11)}m_{112}^{(10)}+m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(11)}m_{022}^{(00)}+m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(20)}m_{130}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(20)}m_{121}^{(11)}+m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(20)}m_{040}^{(20)}-m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(20)}m_{031}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(21)}m_{220}^{(21)}+3m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(21)}m_{211}^{(11)}-m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(21)}m_{130}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(21)}m_{121}^{(10)}-2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(21)}m_{031}^{(00)}-m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(22)}m_{220}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(22)}m_{040}^{(00)}+2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(10)}m_{121}^{(20)}-2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(10)}m_{112}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(11)}m_{211}^{(20)}+4m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(11)}m_{202}^{(10)}-2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(11)}m_{112}^{(00)}
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&-2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(20)}m_{130}^{(20)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(20)}m_{121}^{(10)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(21)}m_{220}^{(20)}\\
&-6m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(21)}m_{211}^{(10)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(21)}m_{121}^{(00)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(22)}m_{220}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(22)}m_{130}^{(00)} - m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(10)}m_{121}^{(22)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(10)}m_{112}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(10)}m_{103}^{(11)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(10)}m_{022}^{(20)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(10)}m_{013}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(11)}m_{211}^{(22)} + m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(11)}m_{202}^{(21)} - m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(11)}m_{112}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(11)}m_{103}^{(10)} + m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(20)}m_{130}^{(22)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(20)}m_{121}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(20)}m_{112}^{(11)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(20)}m_{031}^{(20)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(20)}m_{022}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(21)}m_{220}^{(22)} + m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(21)}m_{202}^{(11)} - m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(22)}m_{220}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(22)}m_{211}^{(11)} + m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(22)}m_{130}^{(20)} + m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(22)}m_{121}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(10)}m_{211}^{(22)} + m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(10)}m_{202}^{(21)} - m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(10)}m_{112}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(10)}m_{103}^{(10)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(10)}m_{013}^{(00)} - m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(11)}m_{301}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(11)}m_{103}^{(00)} - m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(20)}m_{220}^{(22)} - m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(20)}m_{211}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(20)}m_{121}^{(20)} - m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(20)}m_{112}^{(10)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(20)}m_{022}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(21)}m_{310}^{(22)} - m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(21)}m_{301}^{(21)} + m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(21)}m_{211}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(21)}m_{202}^{(10)} + m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(22)}m_{310}^{(21)} - m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(22)}m_{220}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(22)}m_{211}^{(10)} - m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(22)}m_{121}^{(00)} + m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(10)}m_{211}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(10)}m_{202}^{(11)} + m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(10)}m_{121}^{(20)} - m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(10)}m_{112}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(10)}m_{022}^{(00)} - m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(11)}m_{301}^{(21)} - m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(11)}m_{211}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(11)}m_{202}^{(10)} + m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(11)}m_{112}^{(00)} - m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(20)}m_{220}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(20)}m_{211}^{(11)} - m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(20)}m_{130}^{(20)} + m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(20)}m_{121}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(20)}m_{031}^{(00)} + m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(21)}m_{310}^{(21)} - m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(21)}m_{301}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(21)}m_{220}^{(20)} - m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(21)}m_{211}^{(10)} + m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(22)}m_{310}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(22)}m_{130}^{(00)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(10)}m_{211}^{(20)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(10)}m_{202}^{(10)}\\
&+4m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(10)}m_{112}^{(00)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(11)}m_{301}^{(20)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(11)}m_{202}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(20)}m_{220}^{(20)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(20)}m_{211}^{(10)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(20)}m_{121}^{(00)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(21)}m_{310}^{(20)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(21)}m_{301}^{(10)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(22)}m_{310}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(22)}m_{220}^{(00)} + m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(10)}m_{121}^{(21)} + m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(10)}m_{112}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(10)}m_{031}^{(20)} - m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(10)}m_{022}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(11)}m_{211}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(11)}m_{202}^{(11)} + m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(11)}m_{121}^{(20)} + m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(11)}m_{112}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(20)}m_{130}^{(21)} - m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(20)}m_{121}^{(11)} + m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(20)}m_{040}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(20)}m_{031}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(21)}m_{220}^{(21)} + m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(21)}m_{211}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(21)}m_{130}^{(20)} - m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(21)}m_{121}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{211}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{121}^{(20)} - m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{112}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{022}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(11)}m_{301}^{(21)} - m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(11)}m_{211}^{(20)} + m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(11)}m_{202}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(11)}m_{112}^{(00)} + m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(20)}m_{220}^{(21)} - m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(20)}m_{130}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(20)}m_{121}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(20)}m_{031}^{(00)} - m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(21)}m_{310}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(21)}m_{220}^{(20)} - m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(21)}m_{211}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(21)}m_{121}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(10)}m_{211}^{(11)} + m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(10)}m_{031}^{(00)} + m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(11)}m_{301}^{(11)}
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&-m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(11)}m_{121}^{(00)}+m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(20)}m_{220}^{(11)}-m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(20)}m_{040}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(21)}m_{310}^{(11)}+m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(21)}m_{130}^{(00)}+2m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(10)}m_{211}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(10)}m_{121}^{(00)}-2m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(11)}m_{301}^{(10)}+2m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(11)}m_{211}^{(00)}\\
&-2m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(20)}m_{220}^{(10)}+2m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(20)}m_{130}^{(00)}+2m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(21)}m_{310}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(21)}m_{220}^{(00)}-m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(10)}m_{022}^{(22)}+m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(10)}m_{004}^{(11)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(20)}m_{031}^{(22)}-m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(20)}m_{013}^{(11)}+m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(21)}m_{121}^{(22)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(21)}m_{103}^{(11)}-m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(22)}m_{130}^{(22)}+m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(22)}m_{112}^{(11)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(10)}m_{112}^{(22)}-m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(10)}m_{103}^{(21)}+m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(10)}m_{013}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(10)}m_{004}^{(10)}-m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(20)}m_{121}^{(22)}+m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(20)}m_{112}^{(21)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(20)}m_{022}^{(20)}+m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(20)}m_{013}^{(10)}-m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(21)}m_{211}^{(22)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(21)}m_{202}^{(21)}-m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(21)}m_{112}^{(20)}+m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(21)}m_{103}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(22)}m_{220}^{(22)}-m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(22)}m_{211}^{(21)}+m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(22)}m_{121}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(22)}m_{112}^{(10)}+m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(10)}m_{112}^{(21)}-m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(10)}m_{103}^{(11)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(10)}m_{022}^{(20)}-m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(10)}m_{013}^{(10)}-m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(20)}m_{121}^{(21)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(20)}m_{112}^{(11)}-m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(20)}m_{031}^{(20)}+m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(20)}m_{022}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(21)}m_{211}^{(21)}+m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(21)}m_{202}^{(11)}-m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(21)}m_{121}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(21)}m_{112}^{(10)}+m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(22)}m_{220}^{(21)}-m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(22)}m_{211}^{(11)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(22)}m_{130}^{(20)}-m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(22)}m_{121}^{(10)}-2m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(10)}m_{112}^{(20)}\\
&+2m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(10)}m_{103}^{(10)}+2m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(20)}m_{121}^{(20)}-2m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(20)}m_{112}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(21)}m_{211}^{(20)}-2m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(21)}m_{202}^{(10)}-2m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(22)}m_{220}^{(20)}\\
&+2m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(22)}m_{211}^{(10)}+m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(00)}m_{022}^{(22)}-m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(00)}m_{004}^{(11)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(10)}m_{112}^{(22)}+m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(10)}m_{103}^{(21)}-m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(10)}m_{013}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(10)}m_{004}^{(10)}-3m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(20)}m_{121}^{(22)}-m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(20)}m_{112}^{(21)}\\
&+2m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(20)}m_{103}^{(11)}+m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(20)}m_{022}^{(20)}+m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(20)}m_{013}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(21)}m_{211}^{(22)}-m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(21)}m_{202}^{(21)}+m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(21)}m_{112}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(21)}m_{103}^{(10)}+2m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(22)}m_{220}^{(22)}+m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(22)}m_{211}^{(21)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(22)}m_{202}^{(11)}-m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(22)}m_{121}^{(20)}-m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(22)}m_{112}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(00)}m_{112}^{(22)}+m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(00)}m_{103}^{(21)}-m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(00)}m_{013}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(00)}m_{004}^{(10)}-m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(10)}m_{202}^{(22)}+m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(10)}m_{004}^{(00)}\\
&+3m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{211}^{(22)}-2m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{202}^{(21)}+2m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{112}^{(20)}\\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{103}^{(10)}-m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{013}^{(00)}+m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(21)}m_{301}^{(22)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(21)}m_{103}^{(00)}-2m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(22)}m_{310}^{(22)}+m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(22)}m_{301}^{(21)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(22)}m_{211}^{(20)}+m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(22)}m_{202}^{(10)}+m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(22)}m_{112}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(00)}m_{112}^{(21)}+m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(00)}m_{103}^{(11)}-m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(00)}m_{022}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(00)}m_{013}^{(10)}-m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(10)}m_{202}^{(21)}-m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(10)}m_{112}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(10)}m_{103}^{(10)}+m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(00)}m_{013}^{(10)}+3m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{211}^{(21)}\\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{202}^{(11)}+3m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{121}^{(20)}-3m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{112}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{022}^{(00)}+m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{301}^{(21)}+m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{211}^{(20)}
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&-m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{202}^{(10)} - m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{112}^{(00)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(22)}m_{310}^{(21)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(22)}m_{301}^{(11)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(22)}m_{220}^{(20)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(22)}m_{211}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(22)}m_{121}^{(00)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(00)}m_{112}^{(20)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(00)}m_{103}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(10)}m_{202}^{(20)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(10)}m_{103}^{(00)} - 6m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{211}^{(20)}\\
&+4m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{202}^{(10)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{112}^{(00)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(21)}m_{301}^{(20)}\\
&+2m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(21)}m_{202}^{(00)} + 4m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(22)}m_{310}^{(20)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(22)}m_{301}^{(10)}\\
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&+m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(00)}m_{013}^{(20)} + m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(00)}m_{004}^{(10)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(20)}m_{211}^{(22)}\\
&+2m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(20)}m_{202}^{(21)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(20)}m_{112}^{(20)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(20)}m_{103}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(22)}m_{310}^{(22)} - m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(22)}m_{301}^{(21)} + m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(22)}m_{211}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(22)}m_{202}^{(10)} + m_{000}^{(21)}m_{010}^{(11)}m_{110}^{(00)}m_{202}^{(22)} - m_{000}^{(21)}m_{010}^{(11)}m_{110}^{(00)}m_{004}^{(00)}\\
&-2m_{000}^{(21)}m_{010}^{(11)}m_{110}^{(20)}m_{301}^{(22)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{110}^{(20)}m_{103}^{(00)} + m_{000}^{(21)}m_{010}^{(11)}m_{110}^{(22)}m_{400}^{(22)}\\
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&-m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(00)}m_{103}^{(10)} - m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(00)}m_{013}^{(00)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{301}^{(21)}\\
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&+m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{112}^{(10)} - m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{022}^{(00)} - m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{220}^{(21)}\\
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&+2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{211}^{(20)} - 4m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{202}^{(10)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{112}^{(00)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{220}^{(20)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{121}^{(00)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(21)}m_{310}^{(20)}\\
&+4m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(21)}m_{301}^{(10)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(21)}m_{211}^{(00)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(22)}m_{310}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(22)}m_{220}^{(00)} + m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(00)}m_{121}^{(22)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(00)}m_{112}^{(21)}\\
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&-m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{202}^{(11)} - m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{121}^{(20)} + m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{112}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{022}^{(00)} + m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{301}^{(21)} + m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{211}^{(20)}\\
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&+2m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{301}^{(11)} + m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{220}^{(20)} - m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{211}^{(10)}\\
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&+m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(21)}m_{301}^{(10)} + m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(21)}m_{211}^{(00)} - m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(22)}m_{400}^{(11)}\\
&+m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(22)}m_{220}^{(00)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(00)}m_{211}^{(20)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(00)}m_{202}^{(10)}\\
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&-2m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(20)}m_{310}^{(20)} - 4m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(20)}m_{301}^{(10)} + 6m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(20)}m_{211}^{(00)}\\
&+2m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(21)}m_{400}^{(20)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(21)}m_{301}^{(00)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(22)}m_{400}^{(10)}\\
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&+m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{202}^{(11)} - m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{121}^{(20)} - m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{112}^{(10)}\\
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&+m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{220}^{(20)} + m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{211}^{(10)} + m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(00)}m_{211}^{(21)}\\
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&-m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{301}^{(21)} + m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{211}^{(20)} - m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{202}^{(10)}\\
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&+m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(00)}m_{211}^{(11)} - m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(00)}m_{031}^{(00)} - m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{301}^{(11)}\\
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&-m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(11)}m_{112}^{(20)} - m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(11)}m_{103}^{(10)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{130}^{(22)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{121}^{(21)} - m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{112}^{(11)} - m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{031}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{022}^{(10)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{220}^{(22)} - m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{211}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{202}^{(11)} + m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{121}^{(20)} + m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{112}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(00)}m_{121}^{(22)} - m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(00)}m_{112}^{(21)} + m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(00)}m_{022}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(00)}m_{013}^{(10)} + m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{202}^{(21)} - m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{112}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{103}^{(10)} - m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{013}^{(00)} - m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(11)}m_{301}^{(22)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(11)}m_{103}^{(00)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{220}^{(22)} + m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{211}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{121}^{(20)} + m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{112}^{(10)} + m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{022}^{(00)}\\
&+2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{310}^{(22)} - m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{301}^{(21)} + m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{211}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{202}^{(10)} - m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{112}^{(00)} + m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{121}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{112}^{(11)} + m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{031}^{(20)} - m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{022}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{202}^{(11)} - m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{022}^{(00)} - m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(11)}m_{301}^{(21)}
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&-m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(11)}m_{211}^{(20)} + m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(11)}m_{202}^{(10)} + m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(11)}m_{112}^{(00)}\\
&-2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{220}^{(21)} + m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{211}^{(11)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{130}^{(20)}\\
&+2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{121}^{(10)} + m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{031}^{(00)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{310}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{301}^{(11)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{220}^{(20)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{211}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{121}^{(00)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{121}^{(20)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{112}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{202}^{(10)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{112}^{(00)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(11)}m_{301}^{(20)}\\
&-2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(11)}m_{202}^{(00)} + 4m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{220}^{(20)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{211}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{121}^{(00)} - 4m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{310}^{(20)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{301}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{211}^{(00)} + m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(00)}m_{121}^{(22)} + m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(00)}m_{112}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(00)}m_{022}^{(20)} - m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(00)}m_{013}^{(10)} - m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{211}^{(22)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{202}^{(21)} + m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{112}^{(20)} + m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{103}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{220}^{(22)} - m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{211}^{(21)} + m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{121}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{112}^{(10)} + m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{310}^{(22)} + m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{301}^{(21)}\\
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&+m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(00)}m_{013}^{(00)} + m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(10)}m_{301}^{(22)} - m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(10)}m_{103}^{(00)}\\
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&+m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(21)}m_{202}^{(00)} - m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{211}^{(21)} - m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{121}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{112}^{(10)} + m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{022}^{(00)} + m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{301}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{211}^{(20)} - m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{202}^{(10)} - m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{112}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{310}^{(21)} + m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{220}^{(20)} - m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{211}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{121}^{(00)} - m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{400}^{(21)} - m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{310}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{301}^{(10)} + m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{211}^{(00)} + 2m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(00)}m_{211}^{(20)}\\
&-2m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(00)}m_{112}^{(00)} - 2m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(10)}m_{301}^{(20)} + 2m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(10)}m_{202}^{(00)}\\
&-2m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(20)}m_{310}^{(20)} + 2m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(20)}m_{211}^{(00)} + 2m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(21)}m_{400}^{(20)}\\
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&-2m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{130}^{(22)} + m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{121}^{(21)} + 3m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{112}^{(11)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{031}^{(20)} - m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{022}^{(10)} + m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{220}^{(22)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{211}^{(21)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{202}^{(11)} + m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{121}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{112}^{(10)} - m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{130}^{(21)} - m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{121}^{(11)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{040}^{(20)} + m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{031}^{(10)} + m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{220}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{211}^{(11)} - m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{130}^{(20)} - m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{121}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{130}^{(22)} + m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{121}^{(21)} - m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{031}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{022}^{(10)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{220}^{(22)} - 3m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{211}^{(21)}\\
&+3m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{121}^{(20)} - 3m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{112}^{(10)} + m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{022}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{310}^{(22)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{301}^{(21)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{211}^{(20)}\\
&+2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{202}^{(10)} - m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{112}^{(00)} + m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{220}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{130}^{(20)} + m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{121}^{(10)} - m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{031}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{310}^{(21)} + m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{220}^{(20)} - m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{211}^{(10)}
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&+m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{121}^{(00)} - m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(00)}m_{130}^{(21)} + m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(00)}m_{121}^{(11)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(00)}m_{040}^{(20)} + m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(00)}m_{031}^{(10)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{220}^{(21)}\\
&-3m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{211}^{(11)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{130}^{(20)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{121}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{031}^{(00)} - m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{310}^{(21)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{301}^{(11)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{220}^{(20)} + m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{211}^{(10)} - m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{121}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(20)}m_{220}^{(11)} - m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(20)}m_{040}^{(00)} - m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(21)}m_{310}^{(11)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(21)}m_{130}^{(00)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{130}^{(20)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{121}^{(10)}\\
&-4m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{220}^{(20)} + 6m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{211}^{(10)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{121}^{(00)}\\
&+2m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(11)}m_{310}^{(20)} - 4m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(11)}m_{301}^{(10)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(11)}m_{211}^{(00)}\\
&-2m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(20)}m_{220}^{(10)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(20)}m_{130}^{(00)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(21)}m_{310}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(21)}m_{220}^{(00)} - m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{130}^{(22)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{121}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{112}^{(11)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{031}^{(20)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{022}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{220}^{(22)} + 3m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{211}^{(21)} + m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{202}^{(11)}\\
&-3m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{121}^{(20)} - 3m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{112}^{(10)} - m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(11)}m_{310}^{(22)}\\
&-m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(11)}m_{301}^{(21)} + m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(11)}m_{211}^{(20)} + m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(11)}m_{202}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{220}^{(21)} + m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{211}^{(11)} - m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{130}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{121}^{(10)} - m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{310}^{(21)} - m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{301}^{(11)}\\
&+m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{220}^{(20)} + m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{211}^{(10)} + m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{220}^{(22)}\\
&+m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{211}^{(21)} - m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{121}^{(20)} + m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{112}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{022}^{(00)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{310}^{(22)} - m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{301}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{211}^{(20)} - m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{202}^{(10)} + 3m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{112}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(11)}m_{400}^{(22)} - m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(11)}m_{202}^{(00)} - m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{310}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{220}^{(20)} - m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{211}^{(10)} + m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{121}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{400}^{(21)} - m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{310}^{(20)} + m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{301}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{211}^{(00)} + m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{220}^{(21)} + m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{211}^{(11)}\\
&+m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{130}^{(20)} - m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{121}^{(10)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{031}^{(00)}\\
&-2m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{310}^{(21)} - m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{301}^{(11)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{220}^{(20)}\\
&+2m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{211}^{(10)} + 3m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{121}^{(00)} + m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(11)}m_{400}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(11)}m_{310}^{(20)} - m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(11)}m_{301}^{(10)} - m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(11)}m_{211}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(20)}m_{310}^{(11)} + m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(20)}m_{130}^{(00)} + m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(21)}m_{400}^{(11)}\\
&-m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(21)}m_{220}^{(00)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{220}^{(20)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{211}^{(10)}\\
&+4m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{121}^{(00)} + 4m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{310}^{(20)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{301}^{(10)}\\
&-6m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{211}^{(00)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(11)}m_{400}^{(20)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(11)}m_{301}^{(00)}\\
&+2m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(20)}m_{310}^{(10)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(20)}m_{220}^{(00)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(21)}m_{400}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(21)}m_{310}^{(00)} + m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(00)}m_{130}^{(21)} + m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(00)}m_{121}^{(11)}\\
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&-m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{211}^{(10)} - m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{220}^{(21)} + m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{130}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{121}^{(10)} + m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{031}^{(00)} + 2m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{310}^{(21)}\\
&-2m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{220}^{(20)} + 2m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{211}^{(10)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{121}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(11)}m_{400}^{(21)} + m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(11)}m_{310}^{(20)} - m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(11)}m_{301}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(11)}m_{211}^{(00)} - m_{000}^{(21)}m_{001}^{(22)}m_{101}^{(00)}m_{220}^{(11)} + m_{000}^{(21)}m_{001}^{(22)}m_{101}^{(00)}m_{040}^{(00)}\\
&+2m_{000}^{(21)}m_{001}^{(22)}m_{101}^{(10)}m_{310}^{(11)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{101}^{(10)}m_{130}^{(00)} - m_{000}^{(21)}m_{001}^{(22)}m_{101}^{(11)}m_{400}^{(11)}\\
&+m_{000}^{(21)}m_{001}^{(22)}m_{101}^{(11)}m_{220}^{(00)} + 2m_{000}^{(21)}m_{001}^{(22)}m_{011}^{(00)}m_{220}^{(10)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{011}^{(00)}m_{130}^{(00)}\\
&-4m_{000}^{(21)}m_{001}^{(22)}m_{011}^{(10)}m_{310}^{(10)} + 4m_{000}^{(21)}m_{001}^{(22)}m_{011}^{(10)}m_{220}^{(00)} + 2m_{000}^{(21)}m_{001}^{(22)}m_{011}^{(11)}m_{400}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(22)}m_{011}^{(11)}m_{310}^{(00)} - m_{000}^{(22)}m_{100}^{(00)}m_{200}^{(11)}m_{022}^{(21)} + m_{000}^{(22)}m_{100}^{(00)}m_{200}^{(11)}m_{013}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(00)}m_{200}^{(21)}m_{031}^{(21)} - 2m_{000}^{(22)}m_{100}^{(00)}m_{200}^{(21)}m_{022}^{(11)} - m_{000}^{(22)}m_{100}^{(00)}m_{200}^{(22)}m_{040}^{(21)}\\
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&+m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(11)}m_{022}^{(20)} - m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(11)}m_{013}^{(10)} - 2m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(21)}m_{121}^{(21)}\\
&+2m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(21)}m_{112}^{(11)} - 2m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(21)}m_{031}^{(20)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(21)}m_{022}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(22)}m_{130}^{(21)} - m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(22)}m_{121}^{(11)} + m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(22)}m_{040}^{(20)}\\
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&+2m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(21)}m_{121}^{(20)} - 2m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(21)}m_{112}^{(10)} - m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(22)}m_{130}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(22)}m_{121}^{(10)} + m_{000}^{(22)}m_{100}^{(10)}m_{200}^{(10)}m_{022}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{200}^{(10)}m_{013}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{200}^{(11)}m_{112}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{200}^{(11)}m_{013}^{(10)} - m_{000}^{(22)}m_{100}^{(10)}m_{200}^{(20)}m_{031}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{200}^{(20)}m_{022}^{(11)} - 3m_{000}^{(22)}m_{100}^{(10)}m_{200}^{(21)}m_{121}^{(21)} + m_{000}^{(22)}m_{100}^{(10)}m_{200}^{(21)}m_{112}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{200}^{(21)}m_{022}^{(10)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{200}^{(22)}m_{130}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{200}^{(22)}m_{121}^{(11)}\\
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&+m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(20)}m_{121}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(20)}m_{112}^{(11)} + m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(20)}m_{031}^{(20)}\\
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&+3m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(21)}m_{121}^{(20)} - 3m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(21)}m_{112}^{(10)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(21)}m_{022}^{(00)}\\
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&+2m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(22)}m_{121}^{(10)} + m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(22)}m_{031}^{(00)} + m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(10)}m_{112}^{(20)}\\
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&+m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(21)}m_{202}^{(10)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(21)}m_{112}^{(00)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(22)}m_{220}^{(20)}\\
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&+m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(10)}m_{013}^{(10)} + m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(20)}m_{121}^{(21)} - m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(20)}m_{022}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(21)}m_{211}^{(21)} - m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(21)}m_{112}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(22)}m_{220}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(22)}m_{121}^{(10)} + m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(10)}m_{202}^{(21)} + m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(10)}m_{112}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(10)}m_{103}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(10)}m_{013}^{(00)} - m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(20)}m_{211}^{(21)}\\
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&+m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(10)}m_{031}^{(20)}-m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(10)}m_{022}^{(10)}-m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(11)}m_{211}^{(21)}\\
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&+m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(20)}m_{220}^{(21)}+m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(20)}m_{211}^{(11)}+m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(20)}m_{130}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(20)}m_{121}^{(10)}-2m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(20)}m_{031}^{(00)}-m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(21)}m_{310}^{(21)}\\
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&+m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(10)}m_{202}^{(10)}-2m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(10)}m_{112}^{(00)}-m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(11)}m_{301}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(11)}m_{202}^{(00)}-m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(20)}m_{220}^{(20)}-m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(20)}m_{211}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(20)}m_{121}^{(00)}+m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(21)}m_{310}^{(20)}-m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(21)}m_{301}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(22)}m_{310}^{(10)}-m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(22)}m_{220}^{(00)}-m_{000}^{(22)}m_{100}^{(22)}m_{200}^{(10)}m_{121}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(22)}m_{200}^{(10)}m_{031}^{(10)}+m_{000}^{(22)}m_{100}^{(22)}m_{200}^{(11)}m_{211}^{(11)}-m_{000}^{(22)}m_{100}^{(22)}m_{200}^{(11)}m_{121}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(22)}m_{200}^{(20)}m_{130}^{(11)}-m_{000}^{(22)}m_{100}^{(22)}m_{200}^{(20)}m_{040}^{(10)}-m_{000}^{(22)}m_{100}^{(22)}m_{200}^{(21)}m_{220}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(22)}m_{200}^{(21)}m_{130}^{(10)}+m_{000}^{(22)}m_{100}^{(22)}m_{110}^{(10)}m_{211}^{(11)}-m_{000}^{(22)}m_{100}^{(22)}m_{110}^{(10)}m_{031}^{(00)}\\
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&+m_{000}^{(22)}m_{100}^{(22)}m_{110}^{(20)}m_{040}^{(00)} + m_{000}^{(22)}m_{100}^{(22)}m_{110}^{(21)}m_{310}^{(11)} - m_{000}^{(22)}m_{100}^{(22)}m_{110}^{(21)}m_{130}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(22)}m_{020}^{(10)}m_{211}^{(10)} + m_{000}^{(22)}m_{100}^{(22)}m_{020}^{(10)}m_{121}^{(00)} + m_{000}^{(22)}m_{100}^{(22)}m_{020}^{(11)}m_{301}^{(10)}\\
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&-m_{000}^{(22)}m_{010}^{(00)}m_{200}^{(21)}m_{121}^{(21)} + m_{000}^{(22)}m_{010}^{(00)}m_{200}^{(21)}m_{112}^{(11)} + m_{000}^{(22)}m_{010}^{(00)}m_{200}^{(22)}m_{130}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{200}^{(22)}m_{121}^{(11)} - m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(10)}m_{112}^{(21)} + m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(10)}m_{103}^{(11)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(10)}m_{022}^{(20)} + m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(10)}m_{013}^{(10)} + m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(20)}m_{121}^{(21)}\\
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&+m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(21)}m_{211}^{(21)} - m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(21)}m_{202}^{(11)} + m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(21)}m_{121}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(21)}m_{112}^{(10)} - m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(22)}m_{220}^{(21)} + m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(22)}m_{211}^{(11)}\\
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&-m_{000}^{(22)}m_{010}^{(00)}m_{020}^{(10)}m_{103}^{(10)} - m_{000}^{(22)}m_{010}^{(00)}m_{020}^{(20)}m_{121}^{(20)} + m_{000}^{(22)}m_{010}^{(00)}m_{020}^{(20)}m_{112}^{(10)}\\
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&+m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(22)}m_{121}^{(10)} + m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(00)}m_{112}^{(21)} - m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(00)}m_{103}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(00)}m_{022}^{(20)} - m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(00)}m_{013}^{(10)} + m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(10)}m_{202}^{(21)}\\
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&+2m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(22)}m_{310}^{(21)} - m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(22)}m_{301}^{(11)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(22)}m_{220}^{(20)}\\
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&+m_{000}^{(22)}m_{010}^{(10)}m_{020}^{(00)}m_{103}^{(10)} - m_{000}^{(22)}m_{010}^{(10)}m_{020}^{(10)}m_{202}^{(20)} + m_{000}^{(22)}m_{010}^{(10)}m_{020}^{(10)}m_{103}^{(00)}\\
&+3m_{000}^{(22)}m_{010}^{(10)}m_{020}^{(20)}m_{211}^{(20)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{020}^{(20)}m_{202}^{(10)} - m_{000}^{(22)}m_{010}^{(10)}m_{020}^{(20)}m_{112}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{020}^{(21)}m_{301}^{(20)} - m_{000}^{(22)}m_{010}^{(10)}m_{020}^{(21)}m_{202}^{(00)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{020}^{(22)}m_{310}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{020}^{(22)}m_{301}^{(10)} + m_{000}^{(22)}m_{010}^{(10)}m_{020}^{(22)}m_{211}^{(00)} + m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(00)}m_{112}^{(21)}\\
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&+m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(22)}m_{310}^{(21)} - m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(22)}m_{211}^{(10)} - m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(00)}m_{202}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(00)}m_{112}^{(20)} + m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(00)}m_{103}^{(10)} + m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(00)}m_{013}^{(00)}\\
&+2m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(20)}m_{301}^{(21)} + 2m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(20)}m_{211}^{(20)} - 2m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(20)}m_{202}^{(10)}\\
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&-m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(00)}m_{022}^{(11)} - m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(10)}m_{121}^{(21)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(10)}m_{112}^{(11)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(10)}m_{022}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(20)}m_{130}^{(21)} + m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(20)}m_{031}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(21)}m_{220}^{(21)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(21)}m_{211}^{(11)} + m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(21)}m_{121}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(22)}m_{220}^{(11)} - m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(22)}m_{130}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(00)}m_{121}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(00)}m_{112}^{(11)} - m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(00)}m_{031}^{(20)} + m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(00)}m_{022}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(10)}m_{211}^{(21)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(10)}m_{202}^{(11)} + m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(10)}m_{121}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(10)}m_{112}^{(10)} + m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(10)}m_{022}^{(00)} + m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(20)}m_{220}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(20)}m_{130}^{(20)} - m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(20)}m_{121}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(20)}m_{031}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(21)}m_{310}^{(21)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(21)}m_{301}^{(11)} - m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(21)}m_{220}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(21)}m_{211}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(21)}m_{121}^{(00)} - m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(22)}m_{310}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(22)}m_{130}^{(00)} + m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(00)}m_{121}^{(20)} - m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(00)}m_{112}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(10)}m_{211}^{(20)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(10)}m_{202}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(10)}m_{112}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(20)}m_{220}^{(20)} + m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(20)}m_{121}^{(00)} + m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(21)}m_{310}^{(20)}\\
&-2m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(21)}m_{301}^{(10)} + m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(21)}m_{211}^{(00)} + m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(22)}m_{310}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(22)}m_{220}^{(00)} - m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(00)}m_{121}^{(21)} - m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(00)}m_{112}^{(11)}\\
&+2m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(00)}m_{022}^{(10)} + m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(10)}m_{211}^{(21)} - m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(10)}m_{112}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(20)}m_{220}^{(21)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(20)}m_{211}^{(11)} - 3m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(20)}m_{121}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(21)}m_{310}^{(21)} + m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(21)}m_{211}^{(10)} - m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(22)}m_{310}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(22)}m_{220}^{(10)} + m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(00)}m_{211}^{(21)} + m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(00)}m_{202}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(00)}m_{121}^{(20)} - m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(00)}m_{112}^{(10)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(00)}m_{022}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{301}^{(21)} - m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{211}^{(20)} + m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{202}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{112}^{(00)} - m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(20)}m_{310}^{(21)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(20)}m_{301}^{(11)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(20)}m_{220}^{(20)} + m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(20)}m_{211}^{(10)} + 3m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(20)}m_{121}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(21)}m_{400}^{(21)} + m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(21)}m_{310}^{(20)} - m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(21)}m_{301}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(21)}m_{211}^{(00)} + m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(22)}m_{400}^{(11)} - m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(22)}m_{220}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{020}^{(00)}m_{211}^{(20)} - m_{000}^{(22)}m_{010}^{(21)}m_{020}^{(00)}m_{202}^{(10)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{020}^{(00)}m_{112}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{020}^{(10)}m_{301}^{(20)} - m_{000}^{(22)}m_{010}^{(21)}m_{020}^{(10)}m_{202}^{(00)} + m_{000}^{(22)}m_{010}^{(21)}m_{020}^{(20)}m_{310}^{(20)}\\
&+2m_{000}^{(22)}m_{010}^{(21)}m_{020}^{(20)}m_{301}^{(10)} - 3m_{000}^{(22)}m_{010}^{(21)}m_{020}^{(20)}m_{211}^{(00)} - m_{000}^{(22)}m_{010}^{(21)}m_{020}^{(21)}m_{400}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{020}^{(21)}m_{301}^{(00)} - m_{000}^{(22)}m_{010}^{(21)}m_{020}^{(22)}m_{400}^{(10)} + m_{000}^{(22)}m_{010}^{(21)}m_{020}^{(22)}m_{310}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(22)}m_{200}^{(00)}m_{121}^{(11)} - m_{000}^{(22)}m_{010}^{(22)}m_{200}^{(00)}m_{031}^{(10)} - m_{000}^{(22)}m_{010}^{(22)}m_{200}^{(10)}m_{211}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(22)}m_{200}^{(10)}m_{121}^{(10)} - m_{000}^{(22)}m_{010}^{(22)}m_{200}^{(20)}m_{220}^{(11)} + m_{000}^{(22)}m_{010}^{(22)}m_{200}^{(20)}m_{130}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(22)}m_{200}^{(21)}m_{310}^{(11)} - m_{000}^{(22)}m_{010}^{(22)}m_{200}^{(21)}m_{220}^{(10)} - m_{000}^{(22)}m_{010}^{(22)}m_{110}^{(00)}m_{211}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(22)}m_{110}^{(00)}m_{031}^{(00)} + m_{000}^{(22)}m_{010}^{(22)}m_{110}^{(10)}m_{301}^{(11)} - m_{000}^{(22)}m_{010}^{(22)}m_{110}^{(10)}m_{121}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(22)}m_{110}^{(20)}m_{310}^{(11)} - m_{000}^{(22)}m_{010}^{(22)}m_{110}^{(20)}m_{130}^{(00)} - m_{000}^{(22)}m_{010}^{(22)}m_{110}^{(21)}m_{400}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(22)}m_{110}^{(21)}m_{220}^{(00)} + m_{000}^{(22)}m_{010}^{(22)}m_{020}^{(00)}m_{211}^{(10)} - m_{000}^{(22)}m_{010}^{(22)}m_{020}^{(00)}m_{121}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(22)}m_{020}^{(10)}m_{301}^{(10)} + m_{000}^{(22)}m_{010}^{(22)}m_{020}^{(10)}m_{211}^{(00)} - m_{000}^{(22)}m_{010}^{(22)}m_{020}^{(20)}m_{310}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(22)}m_{020}^{(20)}m_{220}^{(00)} + m_{000}^{(22)}m_{010}^{(22)}m_{020}^{(21)}m_{400}^{(10)} - m_{000}^{(22)}m_{010}^{(22)}m_{020}^{(21)}m_{310}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(00)}m_{200}^{(10)}m_{031}^{(21)} + m_{000}^{(22)}m_{001}^{(00)}m_{200}^{(10)}m_{022}^{(11)} + m_{000}^{(22)}m_{001}^{(00)}m_{200}^{(11)}m_{121}^{(21)}
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&-m_{000}^{(22)}m_{001}^{(00)}m_{200}^{(11)}m_{112}^{(11)}+m_{000}^{(22)}m_{001}^{(00)}m_{200}^{(20)}m_{040}^{(21)}-m_{000}^{(22)}m_{001}^{(00)}m_{200}^{(20)}m_{031}^{(11)}\\
&-m_{000}^{(22)}m_{001}^{(00)}m_{200}^{(21)}m_{130}^{(21)}+m_{000}^{(22)}m_{001}^{(00)}m_{200}^{(21)}m_{121}^{(11)}+m_{000}^{(22)}m_{001}^{(00)}m_{110}^{(10)}m_{121}^{(21)}\\
&-m_{000}^{(22)}m_{001}^{(00)}m_{110}^{(10)}m_{112}^{(11)}+m_{000}^{(22)}m_{001}^{(00)}m_{110}^{(10)}m_{031}^{(20)}-m_{000}^{(22)}m_{001}^{(00)}m_{110}^{(10)}m_{022}^{(10)}\\
&-m_{000}^{(22)}m_{001}^{(00)}m_{110}^{(11)}m_{211}^{(21)}+m_{000}^{(22)}m_{001}^{(00)}m_{110}^{(11)}m_{202}^{(11)}-m_{000}^{(22)}m_{001}^{(00)}m_{110}^{(11)}m_{121}^{(20)}\\
&+m_{000}^{(22)}m_{001}^{(00)}m_{110}^{(11)}m_{112}^{(10)}-m_{000}^{(22)}m_{001}^{(00)}m_{110}^{(20)}m_{130}^{(21)}+m_{000}^{(22)}m_{001}^{(00)}m_{110}^{(20)}m_{121}^{(11)}\\
&-m_{000}^{(22)}m_{001}^{(00)}m_{110}^{(20)}m_{040}^{(20)}+m_{000}^{(22)}m_{001}^{(00)}m_{110}^{(20)}m_{031}^{(10)}+m_{000}^{(22)}m_{001}^{(00)}m_{110}^{(21)}m_{220}^{(21)}\\
&-m_{000}^{(22)}m_{001}^{(00)}m_{110}^{(21)}m_{211}^{(11)}+m_{000}^{(22)}m_{001}^{(00)}m_{110}^{(21)}m_{130}^{(20)}-m_{000}^{(22)}m_{001}^{(00)}m_{110}^{(21)}m_{121}^{(10)}\\
&-m_{000}^{(22)}m_{001}^{(00)}m_{020}^{(10)}m_{121}^{(20)}+m_{000}^{(22)}m_{001}^{(00)}m_{020}^{(10)}m_{112}^{(10)}+m_{000}^{(22)}m_{001}^{(00)}m_{020}^{(11)}m_{211}^{(20)}\\
&-m_{000}^{(22)}m_{001}^{(00)}m_{020}^{(11)}m_{202}^{(10)}+m_{000}^{(22)}m_{001}^{(00)}m_{020}^{(20)}m_{130}^{(20)}-m_{000}^{(22)}m_{001}^{(00)}m_{020}^{(20)}m_{121}^{(10)}\\
&-m_{000}^{(22)}m_{001}^{(00)}m_{020}^{(21)}m_{220}^{(20)}+m_{000}^{(22)}m_{001}^{(00)}m_{020}^{(21)}m_{211}^{(10)}+m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(00)}m_{031}^{(21)}\\
&-m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(00)}m_{022}^{(11)}+m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(10)}m_{112}^{(11)}-m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(10)}m_{022}^{(10)}\\
&-m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(11)}m_{211}^{(21)}+m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(11)}m_{112}^{(10)}-2m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(20)}m_{130}^{(21)}\\
&+m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(20)}m_{121}^{(11)}+m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(20)}m_{031}^{(10)}+2m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(21)}m_{220}^{(21)}\\
&-m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(21)}m_{211}^{(11)}-m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(21)}m_{121}^{(10)}-m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(00)}m_{121}^{(21)}\\
&+m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(00)}m_{112}^{(11)}-m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(00)}m_{031}^{(20)}+m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(00)}m_{022}^{(10)}\\
&-m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{202}^{(11)}+m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{022}^{(00)}+m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(11)}m_{301}^{(21)}\\
&+m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(11)}m_{211}^{(20)}-m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(11)}m_{202}^{(10)}-m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(11)}m_{112}^{(00)}\\
&+2m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(20)}m_{220}^{(21)}-m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(20)}m_{211}^{(11)}+2m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(20)}m_{130}^{(20)}\\
&-2m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(20)}m_{121}^{(10)}-m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(20)}m_{031}^{(00)}-2m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(21)}m_{310}^{(21)}\\
&+m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(21)}m_{301}^{(11)}-2m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(21)}m_{220}^{(20)}+2m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(21)}m_{211}^{(10)}\\
&+m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(21)}m_{121}^{(00)}+m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(00)}m_{121}^{(20)}-m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(00)}m_{112}^{(10)}\\
&+m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(10)}m_{202}^{(10)}-m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(10)}m_{112}^{(00)}-m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(11)}m_{301}^{(20)}\\
&+m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(11)}m_{202}^{(00)}-2m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(20)}m_{220}^{(20)}+m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(20)}m_{211}^{(10)}\\
&+m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(20)}m_{121}^{(00)}+2m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(21)}m_{310}^{(20)}-m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(21)}m_{301}^{(10)}\\
&-m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(21)}m_{211}^{(00)}-m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(00)}m_{121}^{(21)}+m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(00)}m_{022}^{(10)}\\
&+m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(10)}m_{211}^{(21)}-m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(10)}m_{112}^{(10)}+m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(20)}m_{220}^{(21)}\\
&-m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(20)}m_{121}^{(10)}-m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(21)}m_{310}^{(20)}+m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(21)}m_{211}^{(10)}\\
&+m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(00)}m_{121}^{(20)}-m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(00)}m_{112}^{(10)}-m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(10)}m_{211}^{(20)}\\
&-m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(00)}m_{022}^{(00)}-m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(10)}m_{301}^{(21)}-m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(10)}m_{211}^{(20)}\\
&+m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(10)}m_{202}^{(10)}+m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(10)}m_{112}^{(00)}-m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(20)}m_{211}^{(21)}\\
&-m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(20)}m_{220}^{(20)}+m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(20)}m_{211}^{(10)}+m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(20)}m_{121}^{(00)}\\
&+m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(21)}m_{400}^{(21)}+m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(21)}m_{310}^{(20)}-m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(21)}m_{301}^{(10)}\\
&-m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(21)}m_{211}^{(00)}-m_{000}^{(22)}m_{001}^{(11)}m_{020}^{(00)}m_{211}^{(20)}+m_{000}^{(22)}m_{001}^{(11)}m_{020}^{(00)}m_{112}^{(00)}\\
&+m_{000}^{(22)}m_{001}^{(11)}m_{020}^{(10)}m_{301}^{(20)}-m_{000}^{(22)}m_{001}^{(11)}m_{020}^{(10)}m_{202}^{(00)}+m_{000}^{(22)}m_{001}^{(11)}m_{020}^{(20)}m_{310}^{(20)}\\
&-m_{000}^{(22)}m_{001}^{(11)}m_{020}^{(20)}m_{211}^{(00)}-m_{000}^{(22)}m_{001}^{(11)}m_{020}^{(21)}m_{400}^{(20)}+m_{000}^{(22)}m_{001}^{(11)}m_{020}^{(21)}m_{301}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(00)}m_{040}^{(21)}+m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(00)}m_{031}^{(11)}+2m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(10)}m_{130}^{(21)}\\
&-3m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(10)}m_{121}^{(11)}+m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(10)}m_{031}^{(10)}-m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{220}^{(21)}\\
&+2m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{211}^{(11)}-m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{121}^{(10)}+m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(20)}m_{130}^{(11)}
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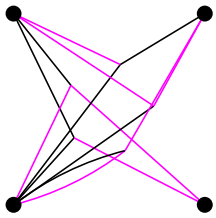
&-m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(20)}m_{040}^{(10)} - m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(21)}m_{220}^{(11)} + m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(21)}m_{130}^{(10)}\\
&+m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(00)}m_{130}^{(21)} - m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(00)}m_{121}^{(11)} + m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(00)}m_{040}^{(20)}\\
&-m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(00)}m_{031}^{(10)} - 2m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{220}^{(21)} + 3m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{211}^{(11)}\\
&-2m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{130}^{(20)} + 2m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{121}^{(10)} - m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{031}^{(00)}\\
&+m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{310}^{(21)} - 2m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{301}^{(11)} + m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{220}^{(20)}\\
&-m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{211}^{(10)} + m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{121}^{(00)} - m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(20)}m_{220}^{(11)}\\
&+m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(20)}m_{040}^{(00)} + m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(21)}m_{310}^{(11)} - m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(21)}m_{130}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{130}^{(20)} + m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{121}^{(10)} + 2m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{220}^{(20)}\\
&-3m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{211}^{(10)} + m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{121}^{(00)} - m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(11)}m_{310}^{(20)}\\
&+2m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(11)}m_{301}^{(10)} - m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(11)}m_{211}^{(00)} + m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(20)}m_{220}^{(10)}\\
&-m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(20)}m_{130}^{(00)} - m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(21)}m_{310}^{(10)} + m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(21)}m_{220}^{(00)}\\
&+m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(00)}m_{130}^{(21)} + m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(00)}m_{121}^{(11)} - 2m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(00)}m_{031}^{(10)}\\
&-2m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{220}^{(21)} - m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{211}^{(11)} + 3m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{121}^{(10)}\\
&+m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{310}^{(21)} - m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{211}^{(10)} - m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(20)}m_{220}^{(11)}\\
&+m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(20)}m_{130}^{(10)} + m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(21)}m_{310}^{(11)} - m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(21)}m_{220}^{(10)}\\
&-m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{220}^{(21)} - m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{211}^{(11)} - m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{130}^{(20)}\\
&+m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{121}^{(10)} + 2m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{031}^{(00)} + 2m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{310}^{(21)}\\
&+m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{301}^{(11)} + 2m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{220}^{(20)} - 2m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{211}^{(10)}\\
&-3m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{121}^{(00)} - m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(11)}m_{400}^{(21)} - m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(11)}m_{310}^{(20)}\\
&+m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(11)}m_{301}^{(10)} + m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(11)}m_{211}^{(00)} + m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(20)}m_{310}^{(11)}\\
&-m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(20)}m_{130}^{(00)} - m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(21)}m_{400}^{(11)} + m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(21)}m_{220}^{(00)}\\
&+m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{220}^{(20)} + m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{211}^{(10)} - 2m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{121}^{(00)}\\
&-2m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(10)}m_{310}^{(20)} - m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(10)}m_{301}^{(10)} + 3m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(10)}m_{211}^{(00)}\\
&+m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(11)}m_{400}^{(20)} - m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(11)}m_{301}^{(00)} - m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(20)}m_{310}^{(10)}\\
&+m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(20)}m_{220}^{(00)} + m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(21)}m_{400}^{(10)} - m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(21)}m_{310}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(22)}m_{200}^{(00)}m_{130}^{(11)} + m_{000}^{(22)}m_{001}^{(22)}m_{200}^{(00)}m_{040}^{(10)} + 2m_{000}^{(22)}m_{001}^{(22)}m_{200}^{(10)}m_{220}^{(11)}\\
&-2m_{000}^{(22)}m_{001}^{(22)}m_{200}^{(10)}m_{130}^{(10)} - m_{000}^{(22)}m_{001}^{(22)}m_{200}^{(11)}m_{310}^{(11)} + m_{000}^{(22)}m_{001}^{(22)}m_{200}^{(11)}m_{220}^{(10)}\\
&+m_{000}^{(22)}m_{001}^{(22)}m_{110}^{(00)}m_{220}^{(11)} - m_{000}^{(22)}m_{001}^{(22)}m_{110}^{(00)}m_{040}^{(00)} - 2m_{000}^{(22)}m_{001}^{(22)}m_{110}^{(10)}m_{310}^{(11)}\\
&+2m_{000}^{(22)}m_{001}^{(22)}m_{110}^{(10)}m_{130}^{(00)} + m_{000}^{(22)}m_{001}^{(22)}m_{110}^{(11)}m_{400}^{(11)} - m_{000}^{(22)}m_{001}^{(22)}m_{110}^{(11)}m_{220}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(22)}m_{020}^{(00)}m_{220}^{(10)} + m_{000}^{(22)}m_{001}^{(22)}m_{020}^{(00)}m_{130}^{(10)} + 2m_{000}^{(22)}m_{001}^{(22)}m_{020}^{(10)}m_{310}^{(10)}\\
&-2m_{000}^{(22)}m_{001}^{(22)}m_{020}^{(10)}m_{220}^{(00)} - m_{000}^{(22)}m_{001}^{(22)}m_{020}^{(11)}m_{400}^{(10)} + m_{000}^{(22)}m_{001}^{(22)}m_{020}^{(11)}m_{310}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{ccccc}
V1 & 1 & 1 & V1 & 1\\
1 & V2 & V2 & 2 & 2\\
V3 & V3 & 3 & V4 & V4
\end{array}
$$



$$
\begin{aligned}
T_{163} \;=\;& -m_{000}^{(00)} m_{100}^{(00)} m_{020}^{(21)} m_{022}^{(22)} + 2m_{000}^{(00)} m_{100}^{(00)} m_{020}^{(21)} m_{013}^{(21)} - m_{000}^{(00)} m_{100}^{(00)} m_{020}^{(21)} m_{004}^{(11)} \\
&+ m_{000}^{(00)} m_{100}^{(00)} m_{020}^{(22)} m_{031}^{(22)} - 2m_{000}^{(00)} m_{100}^{(00)} m_{020}^{(22)} m_{022}^{(21)} + m_{000}^{(00)} m_{100}^{(00)} m_{020}^{(22)} m_{013}^{(11)} \\
&+ m_{000}^{(00)} m_{100}^{(00)} m_{011}^{(11)} m_{022}^{(22)} - 2m_{000}^{(00)} m_{100}^{(00)} m_{011}^{(11)} m_{013}^{(21)} + m_{000}^{(00)} m_{100}^{(00)} m_{011}^{(11)} m_{004}^{(11)} \\
&- m_{000}^{(00)} m_{100}^{(00)} m_{011}^{(22)} m_{040}^{(22)} + 2m_{000}^{(00)} m_{100}^{(00)} m_{011}^{(22)} m_{031}^{(21)} - m_{000}^{(00)} m_{100}^{(00)} m_{011}^{(22)} m_{022}^{(11)} \\
&- m_{000}^{(00)} m_{100}^{(00)} m_{002}^{(11)} m_{031}^{(22)} + 2m_{000}^{(00)} m_{100}^{(00)} m_{002}^{(11)} m_{022}^{(21)} - m_{000}^{(00)} m_{100}^{(00)} m_{002}^{(11)} m_{013}^{(11)} \\
&+ m_{000}^{(00)} m_{100}^{(00)} m_{002}^{(21)} m_{040}^{(22)} - 2m_{000}^{(00)} m_{100}^{(00)} m_{002}^{(21)} m_{031}^{(21)} + m_{000}^{(00)} m_{100}^{(00)} m_{002}^{(21)} m_{022}^{(11)} \\
&+ m_{000}^{(00)} m_{100}^{(10)} m_{110}^{(21)} m_{022}^{(22)} - 2m_{000}^{(00)} m_{100}^{(10)} m_{110}^{(21)} m_{013}^{(21)} + m_{000}^{(00)} m_{100}^{(10)} m_{110}^{(21)} m_{004}^{(11)} \\
&- m_{000}^{(00)} m_{100}^{(10)} m_{110}^{(22)} m_{031}^{(22)} + 2m_{000}^{(00)} m_{100}^{(10)} m_{110}^{(22)} m_{022}^{(21)} - m_{000}^{(00)} m_{100}^{(10)} m_{110}^{(22)} m_{013}^{(11)} \\
&- m_{000}^{(00)} m_{100}^{(10)} m_{101}^{(11)} m_{022}^{(22)} + 2m_{000}^{(00)} m_{100}^{(10)} m_{101}^{(11)} m_{013}^{(21)} - m_{000}^{(00)} m_{100}^{(10)} m_{101}^{(11)} m_{004}^{(11)} \\
&+ m_{000}^{(00)} m_{100}^{(10)} m_{101}^{(21)} m_{031}^{(22)} - 2m_{000}^{(00)} m_{100}^{(10)} m_{101}^{(21)} m_{022}^{(21)} + m_{000}^{(00)} m_{100}^{(10)} m_{101}^{(21)} m_{013}^{(11)} \\
&+ m_{000}^{(00)} m_{100}^{(10)} m_{020}^{(20)} m_{022}^{(22)} - 2m_{000}^{(00)} m_{100}^{(10)} m_{020}^{(20)} m_{013}^{(21)} + m_{000}^{(00)} m_{100}^{(10)} m_{020}^{(20)} m_{004}^{(11)} \\
&- m_{000}^{(00)} m_{100}^{(10)} m_{020}^{(22)} m_{121}^{(22)} + 2m_{000}^{(00)} m_{100}^{(10)} m_{020}^{(22)} m_{112}^{(21)} - m_{000}^{(00)} m_{100}^{(10)} m_{020}^{(22)} m_{103}^{(11)} \\
&- m_{000}^{(00)} m_{100}^{(10)} m_{011}^{(10)} m_{022}^{(22)} + 2m_{000}^{(00)} m_{100}^{(10)} m_{011}^{(10)} m_{013}^{(21)} - m_{000}^{(00)} m_{100}^{(10)} m_{011}^{(10)} m_{004}^{(11)} \\
&- m_{000}^{(00)} m_{100}^{(10)} m_{011}^{(20)} m_{031}^{(22)} + 2m_{000}^{(00)} m_{100}^{(10)} m_{011}^{(20)} m_{022}^{(21)} - m_{000}^{(00)} m_{100}^{(10)} m_{011}^{(20)} m_{013}^{(11)} \\
&+ 2m_{000}^{(00)} m_{100}^{(10)} m_{011}^{(22)} m_{130}^{(22)} - 4m_{000}^{(00)} m_{100}^{(10)} m_{011}^{(22)} m_{121}^{(21)} + 2m_{000}^{(00)} m_{100}^{(10)} m_{011}^{(22)} m_{112}^{(11)} \\
&+ m_{000}^{(00)} m_{100}^{(10)} m_{002}^{(10)} m_{031}^{(22)} - 2m_{000}^{(00)} m_{100}^{(10)} m_{002}^{(10)} m_{022}^{(21)} + m_{000}^{(00)} m_{100}^{(10)} m_{002}^{(10)} m_{013}^{(11)} \\
&+ m_{000}^{(00)} m_{100}^{(10)} m_{002}^{(11)} m_{121}^{(22)} - 2m_{000}^{(00)} m_{100}^{(10)} m_{002}^{(11)} m_{112}^{(21)} + m_{000}^{(00)} m_{100}^{(10)} m_{002}^{(11)} m_{103}^{(11)} \\
&- 2m_{000}^{(00)} m_{100}^{(10)} m_{002}^{(21)} m_{130}^{(22)} + 4m_{000}^{(00)} m_{100}^{(10)} m_{002}^{(21)} m_{121}^{(21)} - 2m_{000}^{(00)} m_{100}^{(10)} m_{002}^{(21)} m_{112}^{(11)} \\
&- m_{000}^{(00)} m_{100}^{(11)} m_{110}^{(20)} m_{022}^{(22)} + 2m_{000}^{(00)} m_{100}^{(11)} m_{110}^{(20)} m_{013}^{(21)} - m_{000}^{(00)} m_{100}^{(11)} m_{110}^{(20)} m_{004}^{(11)} \\
&+ m_{000}^{(00)} m_{100}^{(11)} m_{110}^{(22)} m_{121}^{(22)} - 2m_{000}^{(00)} m_{100}^{(11)} m_{110}^{(22)} m_{112}^{(21)} + m_{000}^{(00)} m_{100}^{(11)} m_{110}^{(22)} m_{103}^{(11)} \\
&+ m_{000}^{(00)} m_{100}^{(11)} m_{101}^{(10)} m_{022}^{(22)} - 2m_{000}^{(00)} m_{100}^{(11)} m_{101}^{(10)} m_{013}^{(21)} + m_{000}^{(00)} m_{100}^{(11)} m_{101}^{(10)} m_{004}^{(11)} \\
&- m_{000}^{(00)} m_{100}^{(11)} m_{101}^{(21)} m_{121}^{(22)} + 2m_{000}^{(00)} m_{100}^{(11)} m_{101}^{(21)} m_{112}^{(21)} - m_{000}^{(00)} m_{100}^{(11)} m_{101}^{(21)} m_{103}^{(11)} \\
&+ m_{000}^{(00)} m_{100}^{(11)} m_{011}^{(20)} m_{121}^{(22)} - 2m_{000}^{(00)} m_{100}^{(11)} m_{011}^{(20)} m_{112}^{(21)} + m_{000}^{(00)} m_{100}^{(11)} m_{011}^{(20)} m_{103}^{(11)} \\
&- m_{000}^{(00)} m_{100}^{(11)} m_{011}^{(22)} m_{220}^{(22)} + 2m_{000}^{(00)} m_{100}^{(11)} m_{011}^{(22)} m_{211}^{(21)} - m_{000}^{(00)} m_{100}^{(11)} m_{011}^{(22)} m_{202}^{(11)} \\
&- m_{000}^{(00)} m_{100}^{(11)} m_{002}^{(10)} m_{121}^{(22)} + 2m_{000}^{(00)} m_{100}^{(11)} m_{002}^{(10)} m_{112}^{(21)} - m_{000}^{(00)} m_{100}^{(11)} m_{002}^{(10)} m_{103}^{(11)} \\
&+ m_{000}^{(00)} m_{100}^{(11)} m_{002}^{(21)} m_{220}^{(22)} - 2m_{000}^{(00)} m_{100}^{(11)} m_{002}^{(21)} m_{211}^{(21)} + m_{000}^{(00)} m_{100}^{(11)} m_{002}^{(21)} m_{202}^{(11)} \\
&- m_{000}^{(00)} m_{100}^{(20)} m_{110}^{(21)} m_{031}^{(22)} + 2m_{000}^{(00)} m_{100}^{(20)} m_{110}^{(21)} m_{022}^{(21)} - m_{000}^{(00)} m_{100}^{(20)} m_{110}^{(21)} m_{013}^{(11)} \\
&+ m_{000}^{(00)} m_{100}^{(20)} m_{110}^{(22)} m_{040}^{(22)} - 2m_{000}^{(00)} m_{100}^{(20)} m_{110}^{(22)} m_{031}^{(21)} + m_{000}^{(00)} m_{100}^{(20)} m_{110}^{(22)} m_{022}^{(11)} \\
&+ m_{000}^{(00)} m_{100}^{(20)} m_{101}^{(11)} m_{031}^{(22)} - 2m_{000}^{(00)} m_{100}^{(20)} m_{101}^{(11)} m_{022}^{(21)} + m_{000}^{(00)} m_{100}^{(20)} m_{101}^{(11)} m_{013}^{(11)} \\
&- m_{000}^{(00)} m_{100}^{(20)} m_{101}^{(21)} m_{040}^{(22)} + 2m_{000}^{(00)} m_{100}^{(20)} m_{101}^{(21)} m_{031}^{(21)} - m_{000}^{(00)} m_{100}^{(20)} m_{101}^{(21)} m_{022}^{(11)} \\
&- m_{000}^{(00)} m_{100}^{(20)} m_{020}^{(20)} m_{031}^{(22)} + 2m_{000}^{(00)} m_{100}^{(20)} m_{020}^{(20)} m_{022}^{(21)} - m_{000}^{(00)} m_{100}^{(20)} m_{020}^{(20)} m_{013}^{(11)} \\
&+ 2m_{000}^{(00)} m_{100}^{(20)} m_{020}^{(21)} m_{121}^{(22)} - 4m_{000}^{(00)} m_{100}^{(20)} m_{020}^{(21)} m_{112}^{(21)} + 2m_{000}^{(00)} m_{100}^{(20)} m_{020}^{(21)} m_{103}^{(11)} \\
&- m_{000}^{(00)} m_{100}^{(20)} m_{020}^{(22)} m_{130}^{(22)} + 2m_{000}^{(00)} m_{100}^{(20)} m_{020}^{(22)} m_{121}^{(21)} - m_{000}^{(00)} m_{100}^{(20)} m_{020}^{(22)} m_{112}^{(11)} \\
&+ m_{000}^{(00)} m_{100}^{(20)} m_{011}^{(10)} m_{031}^{(22)} - 2m_{000}^{(00)} m_{100}^{(20)} m_{011}^{(10)} m_{022}^{(21)} + m_{000}^{(00)} m_{100}^{(20)} m_{011}^{(10)} m_{013}^{(11)} \\
&- 2m_{000}^{(00)} m_{100}^{(20)} m_{011}^{(11)} m_{121}^{(22)} + 4m_{000}^{(00)} m_{100}^{(20)} m_{011}^{(11)} m_{112}^{(21)} - 2m_{000}^{(00)} m_{100}^{(20)} m_{011}^{(11)} m_{103}^{(11)} \\
&+ m_{000}^{(00)} m_{100}^{(20)} m_{011}^{(20)} m_{040}^{(22)} - 2m_{000}^{(00)} m_{100}^{(20)} m_{011}^{(20)} m_{031}^{(21)} + m_{000}^{(00)} m_{100}^{(20)} m_{011}^{(20)} m_{022}^{(11)} \\
&- m_{000}^{(00)} m_{100}^{(20)} m_{002}^{(10)} m_{040}^{(22)} + 2m_{000}^{(00)} m_{100}^{(20)} m_{002}^{(10)} m_{031}^{(21)} - m_{000}^{(00)} m_{100}^{(20)} m_{002}^{(10)} m_{022}^{(11)} \\
&+ m_{000}^{(00)} m_{100}^{(20)} m_{002}^{(11)} m_{130}^{(22)} - 2m_{000}^{(00)} m_{100}^{(20)} m_{002}^{(11)} m_{121}^{(21)} + m_{000}^{(00)} m_{100}^{(20)} m_{002}^{(11)} m_{112}^{(11)}
\end{aligned}
$$

$$+2m_{000}^{(00)}m_{100}^{(21)}m_{110}^{(20)}m_{031}^{(22)} - 4m_{000}^{(00)}m_{100}^{(21)}m_{110}^{(20)}m_{022}^{(21)} + 2m_{000}^{(00)}m_{100}^{(21)}m_{110}^{(20)}m_{013}^{(11)}$$
$$-m_{000}^{(00)}m_{100}^{(21)}m_{110}^{(21)}m_{121}^{(22)} + 2m_{000}^{(00)}m_{100}^{(21)}m_{110}^{(21)}m_{112}^{(21)} - m_{000}^{(00)}m_{100}^{(21)}m_{110}^{(21)}m_{103}^{(11)}$$
$$-m_{000}^{(00)}m_{100}^{(21)}m_{110}^{(22)}m_{130}^{(22)} + 2m_{000}^{(00)}m_{100}^{(21)}m_{110}^{(22)}m_{121}^{(21)} - m_{000}^{(00)}m_{100}^{(21)}m_{110}^{(22)}m_{112}^{(11)}$$
$$-2m_{000}^{(00)}m_{100}^{(21)}m_{101}^{(10)}m_{031}^{(22)} + 4m_{000}^{(00)}m_{100}^{(21)}m_{101}^{(10)}m_{022}^{(21)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{101}^{(10)}m_{013}^{(11)}$$
$$+m_{000}^{(00)}m_{100}^{(21)}m_{101}^{(11)}m_{121}^{(22)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{101}^{(11)}m_{112}^{(21)} + m_{000}^{(00)}m_{100}^{(21)}m_{101}^{(11)}m_{103}^{(11)}$$
$$+m_{000}^{(00)}m_{100}^{(21)}m_{101}^{(21)}m_{130}^{(22)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{101}^{(21)}m_{121}^{(21)} + m_{000}^{(00)}m_{100}^{(21)}m_{101}^{(21)}m_{112}^{(11)}$$
$$-m_{000}^{(00)}m_{100}^{(21)}m_{020}^{(20)}m_{121}^{(22)} + 2m_{000}^{(00)}m_{100}^{(21)}m_{020}^{(20)}m_{112}^{(21)} - m_{000}^{(00)}m_{100}^{(21)}m_{020}^{(20)}m_{103}^{(11)}$$
$$+m_{000}^{(00)}m_{100}^{(21)}m_{020}^{(22)}m_{220}^{(22)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{020}^{(22)}m_{211}^{(21)} + m_{000}^{(00)}m_{100}^{(21)}m_{020}^{(22)}m_{202}^{(11)}$$
$$+m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(10)}m_{121}^{(22)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(10)}m_{112}^{(21)} + m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(10)}m_{103}^{(11)}$$
$$-m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(20)}m_{130}^{(22)} + 2m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(20)}m_{121}^{(21)} - m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(20)}m_{112}^{(11)}$$
$$+m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(10)}m_{130}^{(22)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(10)}m_{121}^{(21)} + m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(10)}m_{112}^{(11)}$$
$$-m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(11)}m_{220}^{(22)} + 2m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(11)}m_{211}^{(21)} - m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(11)}m_{202}^{(11)}$$
$$-m_{000}^{(00)}m_{100}^{(22)}m_{110}^{(20)}m_{040}^{(22)} + 2m_{000}^{(00)}m_{100}^{(22)}m_{110}^{(20)}m_{031}^{(21)} - m_{000}^{(00)}m_{100}^{(22)}m_{110}^{(20)}m_{022}^{(11)}$$
$$+m_{000}^{(00)}m_{100}^{(22)}m_{110}^{(21)}m_{130}^{(22)} - 2m_{000}^{(00)}m_{100}^{(22)}m_{110}^{(21)}m_{121}^{(21)} + m_{000}^{(00)}m_{100}^{(22)}m_{110}^{(21)}m_{112}^{(11)}$$
$$+m_{000}^{(00)}m_{100}^{(22)}m_{101}^{(10)}m_{040}^{(22)} - 2m_{000}^{(00)}m_{100}^{(22)}m_{101}^{(10)}m_{031}^{(21)} + m_{000}^{(00)}m_{100}^{(22)}m_{101}^{(10)}m_{022}^{(11)}$$
$$-m_{000}^{(00)}m_{100}^{(22)}m_{101}^{(11)}m_{130}^{(22)} + 2m_{000}^{(00)}m_{100}^{(22)}m_{101}^{(11)}m_{121}^{(21)} - m_{000}^{(00)}m_{100}^{(22)}m_{101}^{(11)}m_{112}^{(11)}$$
$$+m_{000}^{(00)}m_{100}^{(22)}m_{020}^{(20)}m_{130}^{(22)} - 2m_{000}^{(00)}m_{100}^{(22)}m_{020}^{(20)}m_{121}^{(21)} + m_{000}^{(00)}m_{100}^{(22)}m_{020}^{(20)}m_{112}^{(11)}$$
$$-m_{000}^{(00)}m_{100}^{(22)}m_{020}^{(21)}m_{220}^{(22)} + 2m_{000}^{(00)}m_{100}^{(22)}m_{020}^{(21)}m_{211}^{(21)} - m_{000}^{(00)}m_{100}^{(22)}m_{020}^{(21)}m_{202}^{(11)}$$
$$-m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(10)}m_{130}^{(22)} + 2m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(10)}m_{121}^{(21)} - m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(10)}m_{112}^{(11)}$$
$$+m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(11)}m_{220}^{(22)} - 2m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(11)}m_{211}^{(21)} + m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(11)}m_{202}^{(11)}$$
$$+m_{000}^{(00)}m_{010}^{(00)}m_{110}^{(21)}m_{022}^{(22)} - 2m_{000}^{(00)}m_{010}^{(00)}m_{110}^{(21)}m_{013}^{(21)} + m_{000}^{(00)}m_{010}^{(00)}m_{110}^{(21)}m_{004}^{(11)}$$
$$-m_{000}^{(00)}m_{010}^{(00)}m_{110}^{(22)}m_{031}^{(22)} + 2m_{000}^{(00)}m_{010}^{(00)}m_{110}^{(22)}m_{022}^{(21)} - m_{000}^{(00)}m_{010}^{(00)}m_{110}^{(22)}m_{013}^{(11)}$$
$$-m_{000}^{(00)}m_{010}^{(00)}m_{101}^{(21)}m_{031}^{(22)} + 2m_{000}^{(00)}m_{010}^{(00)}m_{101}^{(21)}m_{022}^{(21)} - m_{000}^{(00)}m_{010}^{(00)}m_{101}^{(21)}m_{013}^{(11)}$$
$$+m_{000}^{(00)}m_{010}^{(00)}m_{101}^{(22)}m_{040}^{(22)} - 2m_{000}^{(00)}m_{010}^{(00)}m_{101}^{(22)}m_{031}^{(21)} + m_{000}^{(00)}m_{010}^{(00)}m_{101}^{(22)}m_{022}^{(11)}$$
$$-m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(10)}m_{022}^{(22)} + 2m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(10)}m_{013}^{(21)} - m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(10)}m_{004}^{(11)}$$
$$+m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(20)}m_{031}^{(22)} - 2m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(20)}m_{022}^{(21)} + m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(20)}m_{013}^{(11)}$$
$$+m_{000}^{(00)}m_{010}^{(00)}m_{002}^{(10)}m_{031}^{(22)} - 2m_{000}^{(00)}m_{010}^{(00)}m_{002}^{(10)}m_{022}^{(21)} + m_{000}^{(00)}m_{010}^{(00)}m_{002}^{(10)}m_{013}^{(11)}$$
$$-m_{000}^{(00)}m_{010}^{(00)}m_{002}^{(20)}m_{040}^{(22)} + 2m_{000}^{(00)}m_{010}^{(00)}m_{002}^{(20)}m_{031}^{(21)} - m_{000}^{(00)}m_{010}^{(00)}m_{002}^{(20)}m_{022}^{(11)}$$
$$-m_{000}^{(00)}m_{010}^{(10)}m_{200}^{(21)}m_{022}^{(22)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{200}^{(21)}m_{013}^{(21)} - m_{000}^{(00)}m_{010}^{(10)}m_{200}^{(21)}m_{004}^{(11)}$$
$$+m_{000}^{(00)}m_{010}^{(10)}m_{200}^{(22)}m_{031}^{(22)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{200}^{(22)}m_{022}^{(21)} + m_{000}^{(00)}m_{010}^{(10)}m_{200}^{(22)}m_{013}^{(11)}$$
$$-m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(20)}m_{022}^{(22)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(20)}m_{013}^{(21)} - m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(20)}m_{004}^{(11)}$$
$$+m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(22)}m_{121}^{(22)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(22)}m_{112}^{(21)} + m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(22)}m_{103}^{(11)}$$
$$+m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(10)}m_{022}^{(22)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(10)}m_{013}^{(21)} + m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(10)}m_{004}^{(11)}$$
$$+m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(21)}m_{121}^{(22)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(21)}m_{112}^{(21)} + m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(21)}m_{103}^{(11)}$$
$$-2m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(22)}m_{130}^{(22)} + 4m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(22)}m_{121}^{(21)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(22)}m_{112}^{(11)}$$
$$+m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(00)}m_{022}^{(22)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(00)}m_{013}^{(21)} + m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(00)}m_{004}^{(11)}$$
$$-m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(20)}m_{121}^{(22)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(20)}m_{112}^{(21)} - m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(20)}m_{103}^{(11)}$$
$$-m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(00)}m_{031}^{(22)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(00)}m_{022}^{(21)} - m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(00)}m_{013}^{(11)}$$

$$
\begin{aligned}
&-m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(10)}m_{121}^{(22)}+2m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(10)}m_{112}^{(21)}-m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(10)}m_{103}^{(11)}\\
&+2m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(20)}m_{130}^{(22)}-4m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(20)}m_{121}^{(21)}+2m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(20)}m_{112}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{200}^{(20)}m_{022}^{(22)}-2m_{000}^{(00)}m_{010}^{(11)}m_{200}^{(20)}m_{013}^{(21)}+m_{000}^{(00)}m_{010}^{(11)}m_{200}^{(20)}m_{004}^{(11)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{200}^{(22)}m_{121}^{(22)}+2m_{000}^{(00)}m_{010}^{(11)}m_{200}^{(22)}m_{112}^{(21)}-m_{000}^{(00)}m_{010}^{(11)}m_{200}^{(22)}m_{103}^{(11)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(00)}m_{022}^{(22)}+2m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(00)}m_{013}^{(21)}-m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(00)}m_{004}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(22)}m_{220}^{(22)}-2m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(22)}m_{211}^{(21)}+m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(22)}m_{202}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(00)}m_{121}^{(22)}-2m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(00)}m_{112}^{(21)}+m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(00)}m_{103}^{(11)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(20)}m_{220}^{(22)}+2m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(20)}m_{211}^{(21)}-m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(20)}m_{202}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{200}^{(21)}m_{031}^{(22)}-2m_{000}^{(00)}m_{010}^{(20)}m_{200}^{(21)}m_{022}^{(21)}+m_{000}^{(00)}m_{010}^{(20)}m_{200}^{(21)}m_{013}^{(11)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{200}^{(22)}m_{040}^{(22)}+2m_{000}^{(00)}m_{010}^{(20)}m_{200}^{(22)}m_{031}^{(21)}-m_{000}^{(00)}m_{010}^{(20)}m_{200}^{(22)}m_{022}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(20)}m_{031}^{(22)}-2m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(20)}m_{022}^{(21)}+m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(20)}m_{013}^{(11)}\\
&-2m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{121}^{(22)}+4m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{112}^{(21)}-2m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{103}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(22)}m_{130}^{(22)}-2m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(22)}m_{121}^{(21)}+m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(22)}m_{112}^{(11)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(10)}m_{031}^{(22)}+2m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(10)}m_{022}^{(21)}-m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(10)}m_{013}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(21)}m_{130}^{(22)}-2m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(21)}m_{121}^{(21)}+m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(21)}m_{112}^{(11)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(00)}m_{031}^{(22)}+2m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(00)}m_{022}^{(21)}-m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(00)}m_{013}^{(11)}\\
&+2m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(10)}m_{121}^{(22)}-4m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(10)}m_{112}^{(21)}+2m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(10)}m_{103}^{(11)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(20)}m_{130}^{(22)}+2m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(20)}m_{121}^{(21)}-m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(20)}m_{112}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(00)}m_{040}^{(22)}-2m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(00)}m_{031}^{(21)}+m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(00)}m_{022}^{(11)}\\
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&+m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(10)}m_{040}^{(22)} - 2m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(10)}m_{031}^{(21)} + m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(10)}m_{022}^{(11)}\\
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&+m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{130}^{(22)} - 2m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{121}^{(21)} + m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{112}^{(11)}\\
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&+4m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(22)}m_{211}^{(21)} + 4m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(22)}m_{121}^{(20)} - 4m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(22)}m_{112}^{(10)}\\
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&-2m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(10)}m_{013}^{(10)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(11)}m_{211}^{(22)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(11)}m_{202}^{(21)}\\
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&+4m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{103}^{(10)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{220}^{(22)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{211}^{(21)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{121}^{(20)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{112}^{(10)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(20)}m_{121}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{112}^{(21)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{022}^{(20)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{013}^{(10)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{220}^{(22)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{211}^{(21)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{121}^{(20)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{112}^{(10)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(00)}m_{121}^{(22)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(00)}m_{112}^{(21)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(00)}m_{022}^{(20)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(00)}m_{013}^{(10)} - 4m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{211}^{(22)}\\
&+4m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{202}^{(21)} + 4m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{112}^{(20)} - 4m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{103}^{(10)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{220}^{(22)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{211}^{(21)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{121}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{112}^{(20)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(00)}m_{130}^{(22)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(00)}m_{121}^{(21)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(00)}m_{031}^{(20)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(00)}m_{022}^{(10)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{220}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{211}^{(21)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{121}^{(20)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{112}^{(10)}\\
&+4m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(20)}m_{121}^{(22)} - 4m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(20)}m_{112}^{(21)} - 4m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(20)}m_{022}^{(20)}\\
&+4m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(20)}m_{013}^{(10)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{211}^{(22)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{202}^{(21)}
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&+2m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{211}^{(21)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{121}^{(20)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{112}^{(10)}\\
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&+2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{211}^{(22)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{202}^{(21)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{112}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{103}^{(10)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{310}^{(22)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{301}^{(21)}\\
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&+2m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(11)}m_{022}^{(20)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(11)}m_{013}^{(10)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{130}^{(22)}\\
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&-2m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(10)}m_{112}^{(22)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(10)}m_{103}^{(21)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(10)}m_{013}^{(20)}\\
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&-2m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{022}^{(10)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(11)}m_{112}^{(22)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(11)}m_{103}^{(21)}\\
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&-2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{013}^{(10)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{211}^{(22)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{202}^{(21)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{112}^{(20)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{103}^{(10)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{121}^{(22)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{112}^{(21)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{022}^{(20)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{013}^{(10)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{211}^{(22)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{202}^{(21)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{112}^{(20)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{103}^{(10)} - 4m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{220}^{(22)} + 4m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{211}^{(21)}\\
&+4m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{121}^{(20)} - 4m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{112}^{(10)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(00)}m_{112}^{(22)}\\
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&-2m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{211}^{(22)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{202}^{(21)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{112}^{(20)}\\
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&+2m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{022}^{(20)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{013}^{(10)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{211}^{(22)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{202}^{(21)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{112}^{(20)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{103}^{(10)}\\
&+4m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{220}^{(22)} - 4m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{211}^{(21)} - 4m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{121}^{(20)}\\
&+4m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{112}^{(10)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(10)}m_{112}^{(22)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(10)}m_{103}^{(21)}\\
&-2m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(10)}m_{013}^{(20)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(10)}m_{004}^{(10)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{211}^{(22)}\\
&+2m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{202}^{(21)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{112}^{(20)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{103}^{(10)}\\
&-2m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(00)}m_{112}^{(22)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(00)}m_{103}^{(21)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(00)}m_{013}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(00)}m_{004}^{(10)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{211}^{(22)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{202}^{(21)}\\
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&+2m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{202}^{(21)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{112}^{(20)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{103}^{(10)}\\
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&+2m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{202}^{(10)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{211}^{(22)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{202}^{(21)}\\
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&+2m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{301}^{(21)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{211}^{(20)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{202}^{(10)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{121}^{(22)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{112}^{(21)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{022}^{(20)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{013}^{(10)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{130}^{(22)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{121}^{(21)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{031}^{(20)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{022}^{(10)} - 4m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{211}^{(22)}\\
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&+2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{130}^{(22)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{121}^{(21)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{031}^{(20)}\\
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&-2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{121}^{(20)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{112}^{(10)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{130}^{(22)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{121}^{(21)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{031}^{(20)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{022}^{(10)}\\
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&+2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{211}^{(21)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{121}^{(20)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{112}^{(10)}\\
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&+4m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{121}^{(22)} - 4m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{112}^{(21)} - 4m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{022}^{(20)}\\
&+4m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{013}^{(10)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{220}^{(22)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{211}^{(21)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{121}^{(20)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{112}^{(10)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{310}^{(22)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{301}^{(21)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{211}^{(20)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{202}^{(10)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{220}^{(22)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{211}^{(21)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{121}^{(20)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{112}^{(10)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{310}^{(22)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{301}^{(21)}\\
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&+2m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{202}^{(21)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{112}^{(20)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{103}^{(10)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{310}^{(22)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{301}^{(21)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{211}^{(20)}\\
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&+2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{121}^{(20)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{112}^{(10)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{310}^{(22)}\\
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&-m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(10)}m_{202}^{(22)}+2m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(10)}m_{103}^{(20)}-m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(10)}m_{004}^{(00)}\\
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&+m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(11)}m_{301}^{(22)}-2m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(11)}m_{202}^{(20)}+m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(11)}m_{103}^{(00)}\\
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&+m_{000}^{(11)}m_{100}^{(21)}m_{020}^{(22)}m_{400}^{(22)}-2m_{000}^{(11)}m_{100}^{(21)}m_{020}^{(22)}m_{301}^{(20)}+m_{000}^{(11)}m_{100}^{(21)}m_{020}^{(22)}m_{202}^{(00)}\\
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&-m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(20)}m_{220}^{(22)} + 2m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(20)}m_{121}^{(20)} - m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(20)}m_{022}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(21)}m_{310}^{(22)} - 2m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(21)}m_{211}^{(20)} + m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(21)}m_{112}^{(00)}\\
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&+2m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(20)}m_{310}^{(22)} - 4m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(20)}m_{211}^{(20)} + 2m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(20)}m_{112}^{(00)}\\
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&-m_{000}^{(11)}m_{010}^{(11)}m_{002}^{(20)}m_{400}^{(22)} + 2m_{000}^{(11)}m_{010}^{(11)}m_{002}^{(20)}m_{301}^{(20)} - m_{000}^{(11)}m_{010}^{(11)}m_{002}^{(20)}m_{202}^{(00)}\\
&+m_{000}^{(11)}m_{010}^{(20)}m_{200}^{(21)}m_{211}^{(22)} - 2m_{000}^{(11)}m_{010}^{(20)}m_{200}^{(21)}m_{112}^{(20)} + m_{000}^{(11)}m_{010}^{(20)}m_{200}^{(21)}m_{013}^{(00)}\\
&-m_{000}^{(11)}m_{010}^{(20)}m_{200}^{(22)}m_{220}^{(22)} + 2m_{000}^{(11)}m_{010}^{(20)}m_{200}^{(22)}m_{121}^{(20)} - m_{000}^{(11)}m_{010}^{(20)}m_{200}^{(22)}m_{022}^{(00)}\\
&+m_{000}^{(11)}m_{010}^{(20)}m_{110}^{(20)}m_{211}^{(22)} - 2m_{000}^{(11)}m_{010}^{(20)}m_{110}^{(20)}m_{112}^{(20)} + m_{000}^{(11)}m_{010}^{(20)}m_{110}^{(20)}m_{013}^{(00)}\\
&-2m_{000}^{(11)}m_{010}^{(20)}m_{110}^{(21)}m_{301}^{(22)} + 4m_{000}^{(11)}m_{010}^{(20)}m_{110}^{(21)}m_{202}^{(20)} - 2m_{000}^{(11)}m_{010}^{(20)}m_{110}^{(21)}m_{103}^{(00)}
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&+m_{000}^{(11)}m_{010}^{(20)}m_{110}^{(22)}m_{310}^{(22)} - 2m_{000}^{(11)}m_{010}^{(20)}m_{110}^{(22)}m_{211}^{(20)} + m_{000}^{(11)}m_{010}^{(20)}m_{110}^{(22)}m_{112}^{(00)}\\
&-m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(10)}m_{211}^{(22)} + 2m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(10)}m_{112}^{(20)} - m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(10)}m_{013}^{(00)}\\
&+m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(21)}m_{310}^{(22)} - 2m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(21)}m_{211}^{(20)} + m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(21)}m_{112}^{(00)}\\
&-m_{000}^{(11)}m_{010}^{(20)}m_{011}^{(00)}m_{211}^{(22)} + 2m_{000}^{(11)}m_{010}^{(20)}m_{011}^{(00)}m_{112}^{(20)} - m_{000}^{(11)}m_{010}^{(20)}m_{011}^{(00)}m_{013}^{(00)}\\
&+2m_{000}^{(11)}m_{010}^{(20)}m_{011}^{(10)}m_{301}^{(22)} - 4m_{000}^{(11)}m_{010}^{(20)}m_{011}^{(10)}m_{202}^{(20)} + 2m_{000}^{(11)}m_{010}^{(20)}m_{011}^{(10)}m_{103}^{(00)}\\
&-m_{000}^{(11)}m_{010}^{(20)}m_{011}^{(20)}m_{310}^{(22)} + 2m_{000}^{(11)}m_{010}^{(20)}m_{011}^{(20)}m_{211}^{(20)} - m_{000}^{(11)}m_{010}^{(20)}m_{011}^{(20)}m_{112}^{(00)}\\
&+m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(00)}m_{220}^{(22)} - 2m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(00)}m_{121}^{(20)} + m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(00)}m_{022}^{(00)}\\
&-m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(10)}m_{310}^{(22)} + 2m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(10)}m_{211}^{(20)} - m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(10)}m_{112}^{(00)}\\
&-2m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{211}^{(22)} + 4m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{112}^{(20)} - 2m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{013}^{(00)}\\
&+m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(21)}m_{301}^{(22)} - 2m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(21)}m_{202}^{(20)} + m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(21)}m_{103}^{(00)}\\
&+m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{310}^{(22)} - 2m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{211}^{(20)} + m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{112}^{(00)}\\
&+m_{000}^{(11)}m_{010}^{(21)}m_{110}^{(20)}m_{301}^{(22)} - 2m_{000}^{(11)}m_{010}^{(21)}m_{110}^{(20)}m_{202}^{(20)} + m_{000}^{(11)}m_{010}^{(21)}m_{110}^{(20)}m_{103}^{(00)}\\
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&+2m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(00)}m_{211}^{(22)} - 4m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(00)}m_{112}^{(20)} + 2m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(00)}m_{013}^{(00)}\\
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&-m_{000}^{(11)}m_{010}^{(21)}m_{011}^{(00)}m_{301}^{(22)} + 2m_{000}^{(11)}m_{010}^{(21)}m_{011}^{(00)}m_{202}^{(20)} - m_{000}^{(11)}m_{010}^{(21)}m_{011}^{(00)}m_{103}^{(00)}\\
&+m_{000}^{(11)}m_{010}^{(21)}m_{011}^{(20)}m_{400}^{(22)} - 2m_{000}^{(11)}m_{010}^{(21)}m_{011}^{(20)}m_{301}^{(20)} + m_{000}^{(11)}m_{010}^{(21)}m_{011}^{(20)}m_{202}^{(00)}\\
&-m_{000}^{(11)}m_{010}^{(21)}m_{002}^{(00)}m_{310}^{(22)} + 2m_{000}^{(11)}m_{010}^{(21)}m_{002}^{(00)}m_{211}^{(20)} - m_{000}^{(11)}m_{010}^{(21)}m_{002}^{(00)}m_{112}^{(00)}\\
&+m_{000}^{(11)}m_{010}^{(21)}m_{002}^{(10)}m_{400}^{(22)} - 2m_{000}^{(11)}m_{010}^{(21)}m_{002}^{(10)}m_{301}^{(20)} + m_{000}^{(11)}m_{010}^{(21)}m_{002}^{(10)}m_{202}^{(00)}\\
&+m_{000}^{(11)}m_{010}^{(22)}m_{200}^{(20)}m_{220}^{(22)} - 2m_{000}^{(11)}m_{010}^{(22)}m_{200}^{(20)}m_{121}^{(20)} + m_{000}^{(11)}m_{010}^{(22)}m_{200}^{(20)}m_{022}^{(00)}\\
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&+m_{000}^{(11)}m_{010}^{(22)}m_{110}^{(21)}m_{400}^{(22)} - 2m_{000}^{(11)}m_{010}^{(22)}m_{110}^{(21)}m_{301}^{(20)} + m_{000}^{(11)}m_{010}^{(22)}m_{110}^{(21)}m_{202}^{(00)}\\
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&+m_{000}^{(11)}m_{010}^{(22)}m_{101}^{(10)}m_{310}^{(22)} - 2m_{000}^{(11)}m_{010}^{(22)}m_{101}^{(10)}m_{211}^{(20)} + m_{000}^{(11)}m_{010}^{(22)}m_{101}^{(10)}m_{112}^{(00)}\\
&+m_{000}^{(11)}m_{010}^{(22)}m_{011}^{(00)}m_{310}^{(22)} - 2m_{000}^{(11)}m_{010}^{(22)}m_{011}^{(00)}m_{211}^{(20)} + m_{000}^{(11)}m_{010}^{(22)}m_{011}^{(00)}m_{112}^{(00)}\\
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&+m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(11)}m_{211}^{(22)} - 2m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(11)}m_{112}^{(20)} + m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(11)}m_{013}^{(00)}\\
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&+m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(10)}m_{202}^{(22)} - 2m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(10)}m_{103}^{(20)} + m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(10)}m_{004}^{(00)}\\
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&+m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{220}^{(22)} - 2m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{121}^{(20)} + m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{022}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(11)}m_{202}^{(22)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(11)}m_{103}^{(20)} + m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(11)}m_{004}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(21)}m_{211}^{(22)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(21)}m_{112}^{(20)} - m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(21)}m_{013}^{(00)}
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&-m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(21)}m_{301}^{(22)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(21)}m_{202}^{(20)} - m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(21)}m_{103}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{211}^{(22)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{112}^{(20)} - m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{013}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(11)}m_{301}^{(22)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(11)}m_{202}^{(20)} - m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(11)}m_{103}^{(00)}\\
&+2m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{310}^{(22)} - 4m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{211}^{(20)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{112}^{(00)}\\
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&+m_{000}^{(11)}m_{001}^{(10)}m_{020}^{(20)}m_{301}^{(22)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{020}^{(20)}m_{202}^{(20)} + m_{000}^{(11)}m_{001}^{(10)}m_{020}^{(20)}m_{103}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(00)}m_{211}^{(22)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(00)}m_{112}^{(20)} + m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(00)}m_{013}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(10)}m_{301}^{(22)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(10)}m_{202}^{(20)} + m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(10)}m_{103}^{(00)}\\
&-2m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{310}^{(22)} + 4m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{211}^{(20)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{112}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(10)}m_{202}^{(22)} + 2m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(10)}m_{103}^{(20)} - m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(10)}m_{004}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(21)}m_{301}^{(22)} - 2m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(21)}m_{202}^{(20)} + m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(21)}m_{103}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{110}^{(00)}m_{202}^{(22)} - 2m_{000}^{(11)}m_{001}^{(11)}m_{110}^{(00)}m_{103}^{(20)} + m_{000}^{(11)}m_{001}^{(11)}m_{110}^{(00)}m_{004}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(11)}m_{110}^{(20)}m_{301}^{(22)} + 2m_{000}^{(11)}m_{001}^{(11)}m_{110}^{(20)}m_{202}^{(20)} - m_{000}^{(11)}m_{001}^{(11)}m_{110}^{(20)}m_{103}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(10)}m_{301}^{(22)} - 2m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(10)}m_{202}^{(20)} + m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(10)}m_{103}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(21)}m_{400}^{(22)} + 2m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(21)}m_{301}^{(20)} - m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(21)}m_{202}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(11)}m_{011}^{(00)}m_{301}^{(22)} + 2m_{000}^{(11)}m_{001}^{(11)}m_{011}^{(00)}m_{202}^{(20)} - m_{000}^{(11)}m_{001}^{(11)}m_{011}^{(00)}m_{103}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{011}^{(20)}m_{400}^{(22)} - 2m_{000}^{(11)}m_{001}^{(11)}m_{011}^{(20)}m_{301}^{(20)} + m_{000}^{(11)}m_{001}^{(11)}m_{011}^{(20)}m_{202}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(11)}m_{211}^{(22)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(11)}m_{112}^{(20)} - m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(11)}m_{013}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{220}^{(22)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{121}^{(20)} + m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{022}^{(00)}\\
&+2m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(11)}m_{301}^{(22)} - 4m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(11)}m_{202}^{(20)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(11)}m_{103}^{(00)}\\
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&-m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{310}^{(22)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{211}^{(20)} - m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{112}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{220}^{(22)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{121}^{(20)} + m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{022}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{310}^{(22)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{211}^{(20)} - m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{112}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(00)}m_{211}^{(22)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(00)}m_{112}^{(20)} + m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(00)}m_{013}^{(00)}\\
&-2m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(10)}m_{301}^{(22)} + 4m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(10)}m_{202}^{(20)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(10)}m_{103}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(20)}m_{310}^{(22)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(20)}m_{211}^{(20)} + m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(20)}m_{112}^{(00)}\\
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&+m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{310}^{(22)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{211}^{(20)} + m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{112}^{(00)}\\
&+2m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{211}^{(22)} - 4m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{112}^{(20)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{013}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(11)}m_{301}^{(22)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(11)}m_{202}^{(20)} - m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(11)}m_{103}^{(00)}\\
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&-2m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{211}^{(22)} + 4m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{112}^{(20)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{013}^{(00)}\\
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&-m_{000}^{(11)}m_{001}^{(21)}m_{020}^{(20)}m_{400}^{(22)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{020}^{(20)}m_{301}^{(20)} - m_{000}^{(11)}m_{001}^{(21)}m_{020}^{(20)}m_{202}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{310}^{(22)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{211}^{(20)} + m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{112}^{(00)}\\
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&+m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(11)}m_{310}^{(22)} - 2m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(11)}m_{211}^{(20)} + m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(11)}m_{112}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{220}^{(22)} - 2m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{121}^{(20)} + m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{022}^{(00)}\\
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&+2m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(21)}m_{013}^{(10)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(22)}m_{121}^{(21)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(22)}m_{112}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(22)}m_{031}^{(20)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(22)}m_{022}^{(10)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(11)}m_{112}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(11)}m_{103}^{(11)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(11)}m_{022}^{(20)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(11)}m_{013}^{(10)}\\
&+2m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(21)}m_{121}^{(21)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(21)}m_{112}^{(11)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(21)}m_{031}^{(20)}\\
&+2m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(21)}m_{022}^{(10)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(20)}m_{112}^{(21)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(20)}m_{103}^{(11)}\\
&-2m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(20)}m_{022}^{(20)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(20)}m_{013}^{(10)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(22)}m_{211}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(22)}m_{202}^{(11)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(22)}m_{121}^{(20)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(22)}m_{112}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(10)}m_{112}^{(21)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(10)}m_{103}^{(11)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(10)}m_{022}^{(20)}\\
&-2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(10)}m_{013}^{(10)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(20)}m_{121}^{(21)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(20)}m_{112}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(20)}m_{031}^{(20)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(20)}m_{022}^{(10)} + 4m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(22)}m_{121}^{(21)}\\
&-4m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(22)}m_{211}^{(11)} - 4m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(22)}m_{130}^{(20)} + 4m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(22)}m_{121}^{(10)}\\
&+2m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(10)}m_{121}^{(21)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(10)}m_{112}^{(11)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(10)}m_{031}^{(20)}\\
&+2m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(10)}m_{022}^{(10)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(11)}m_{211}^{(21)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(11)}m_{202}^{(11)}\\
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&+4m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(21)}m_{211}^{(11)} + 4m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(21)}m_{130}^{(20)} - 4m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(21)}m_{121}^{(10)}\\
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&-2m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(20)}m_{013}^{(10)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(22)}m_{211}^{(21)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(22)}m_{202}^{(11)}\\
&-2m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(22)}m_{121}^{(20)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(22)}m_{112}^{(10)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(10)}m_{112}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(10)}m_{103}^{(11)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(10)}m_{022}^{(20)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(10)}m_{013}^{(10)}
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&+2m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(22)}m_{301}^{(11)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(22)}m_{220}^{(20)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(22)}m_{211}^{(10)}\\
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&-2m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(21)}m_{220}^{(20)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(21)}m_{211}^{(10)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(21)}m_{121}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(21)}m_{112}^{(11)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(21)}m_{031}^{(20)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(21)}m_{022}^{(10)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(22)}m_{130}^{(21)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(22)}m_{121}^{(11)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(22)}m_{040}^{(20)}\\
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&+2m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(21)}m_{121}^{(11)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(21)}m_{040}^{(20)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(21)}m_{031}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(20)}m_{121}^{(21)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(20)}m_{112}^{(11)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(20)}m_{031}^{(20)}\\
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&-2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{130}^{(20)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{121}^{(10)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{211}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{202}^{(11)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{121}^{(20)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{112}^{(10)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(22)}m_{310}^{(21)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(22)}m_{301}^{(11)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(22)}m_{220}^{(20)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(22)}m_{211}^{(10)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{211}^{(21)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{202}^{(11)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{121}^{(20)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{112}^{(10)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(20)}m_{220}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(20)}m_{211}^{(11)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(20)}m_{130}^{(20)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(20)}m_{121}^{(10)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(10)}m_{220}^{(21)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(10)}m_{211}^{(11)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(10)}m_{130}^{(20)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(10)}m_{121}^{(10)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(11)}m_{310}^{(21)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(11)}m_{301}^{(11)}
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&+2m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(20)}m_{121}^{(11)} + 2m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(20)}m_{040}^{(20)} - 2m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(20)}m_{031}^{(10)}\\
&+2m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(21)}m_{220}^{(21)} - 2m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(21)}m_{211}^{(11)} - 2m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(21)}m_{130}^{(20)}\\
&+2m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(21)}m_{121}^{(10)} + 2m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(10)}m_{130}^{(21)} - 2m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(10)}m_{121}^{(11)}\\
&-2m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(10)}m_{040}^{(20)} + 2m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(10)}m_{031}^{(10)} - 2m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(11)}m_{220}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(11)}m_{211}^{(11)} + 2m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(11)}m_{130}^{(20)} - 2m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(11)}m_{121}^{(10)}\\
&+2m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(20)}m_{220}^{(21)} - 2m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(20)}m_{211}^{(11)} - 2m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(20)}m_{130}^{(20)}\\
&+2m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(20)}m_{121}^{(10)} - 2m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(21)}m_{310}^{(21)} + 2m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(21)}m_{301}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(21)}m_{220}^{(20)} - 2m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(21)}m_{211}^{(10)} - 2m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(10)}m_{220}^{(21)}\\
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&-2m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(21)}m_{022}^{(10)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(22)}m_{130}^{(21)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(22)}m_{121}^{(11)}\\
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&-4m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(22)}m_{220}^{(21)} + 4m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(22)}m_{211}^{(11)} + 4m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(22)}m_{130}^{(20)}\\
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&+2m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(22)}m_{121}^{(20)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(22)}m_{112}^{(10)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(00)}m_{112}^{(21)}\\
&+2m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(00)}m_{103}^{(11)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(00)}m_{022}^{(20)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(00)}m_{013}^{(10)}\\
&+2m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(22)}m_{310}^{(21)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(22)}m_{301}^{(11)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(22)}m_{220}^{(20)}\\
&+2m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(22)}m_{211}^{(10)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(00)}m_{211}^{(21)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(00)}m_{202}^{(11)}\\
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&+2m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{121}^{(10)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(00)}m_{130}^{(21)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(00)}m_{121}^{(11)}\\
&+2m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(00)}m_{040}^{(20)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(00)}m_{031}^{(10)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{220}^{(21)}\\
&-2m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{211}^{(11)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{130}^{(20)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{121}^{(10)}\\
&+4m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{121}^{(21)} - 4m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{112}^{(11)} - 4m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{031}^{(20)}\\
&+4m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{022}^{(10)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{211}^{(21)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{202}^{(11)}\\
&+2m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{121}^{(20)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{112}^{(10)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{220}^{(21)}\\
&+2m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{211}^{(11)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{130}^{(20)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{121}^{(10)}\\
&-4m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{121}^{(21)} + 4m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{112}^{(11)} + 4m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{031}^{(20)}\\
&-4m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{022}^{(10)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{220}^{(21)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{211}^{(11)}\\
&-2m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{130}^{(20)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{121}^{(10)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{310}^{(21)}\\
&-2m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{301}^{(11)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{220}^{(20)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{211}^{(10)}\\
&-2m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{220}^{(21)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{211}^{(11)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{130}^{(20)}\\
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&-2m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{202}^{(11)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{121}^{(20)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{112}^{(10)}\\
&-2m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{310}^{(21)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{301}^{(11)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{220}^{(20)}\\
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&-2m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{130}^{(20)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{121}^{(10)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{310}^{(21)}\\
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&-2m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{130}^{(21)} + 2m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{121}^{(11)} + 2m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{040}^{(20)}\\
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&-2m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{130}^{(20)} + 2m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{121}^{(10)} + 2m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{130}^{(21)}\\
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&-2m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{211}^{(10)} - 2m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{220}^{(21)} + 2m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{211}^{(11)}\\
&+2m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{130}^{(20)} - 2m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{121}^{(10)} + 2m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{310}^{(21)}\\
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&+2m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(21)}m_{013}^{(00)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(22)}m_{211}^{(21)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(22)}m_{121}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(22)}m_{112}^{(10)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(22)}m_{022}^{(00)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(11)}m_{202}^{(21)}\\
&+2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(11)}m_{112}^{(20)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(11)}m_{103}^{(10)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(11)}m_{013}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(22)}m_{220}^{(21)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(22)}m_{130}^{(20)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(22)}m_{121}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(22)}m_{031}^{(00)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(11)}m_{211}^{(21)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(11)}m_{121}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(11)}m_{112}^{(10)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(11)}m_{022}^{(00)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(21)}m_{220}^{(21)}\\
&+2m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(21)}m_{130}^{(20)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(21)}m_{121}^{(10)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(21)}m_{031}^{(00)}\\
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&-2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(11)}m_{112}^{(20)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(11)}m_{103}^{(10)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(11)}m_{013}^{(00)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(21)}m_{211}^{(21)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(21)}m_{121}^{(20)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(21)}m_{112}^{(10)}\\
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&+2m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(20)}m_{103}^{(10)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(20)}m_{013}^{(00)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(22)}m_{301}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(22)}m_{211}^{(20)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(22)}m_{202}^{(10)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(22)}m_{112}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(10)}m_{202}^{(21)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(10)}m_{112}^{(20)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(10)}m_{103}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(10)}m_{013}^{(00)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(20)}m_{211}^{(21)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(20)}m_{121}^{(20)}\\
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&+4m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(22)}m_{220}^{(20)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(22)}m_{211}^{(10)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(22)}m_{121}^{(00)}\\
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-2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(22)}m_{220}^{(21)} & +2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(22)}m_{130}^{(20)} & +2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(22)}m_{121}^{(10)} \\
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&-2m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(21)}m_{310}^{(21)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(21)}m_{220}^{(20)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(21)}m_{211}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(21)}m_{121}^{(00)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(10)}m_{220}^{(21)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(10)}m_{130}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(10)}m_{121}^{(10)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(10)}m_{031}^{(00)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(11)}m_{310}^{(21)}\\
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&-2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{211}^{(21)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{121}^{(20)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{112}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{022}^{(00)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{301}^{(21)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{211}^{(20)}\\
&-2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{202}^{(10)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{112}^{(00)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{211}^{(21)}\\
&-2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{121}^{(20)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{112}^{(10)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{022}^{(00)}\\
&+2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(11)}m_{301}^{(21)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(11)}m_{211}^{(20)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(11)}m_{202}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(11)}m_{112}^{(00)} - 4m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{310}^{(21)} + 4m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{220}^{(20)}\\
&+4m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{211}^{(10)} - 4m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{121}^{(00)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(00)}m_{202}^{(21)}\\
&-2m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(00)}m_{112}^{(20)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(00)}m_{103}^{(10)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(00)}m_{013}^{(00)}
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-2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{211}^{(10)} & +2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{121}^{(00)} & -2m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{220}^{(21)} \\
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-2m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{121}^{(10)} & +2m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{031}^{(00)} & -2m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{310}^{(21)} \\
+2m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{220}^{(20)} & +2m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{211}^{(10)} & -2m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{121}^{(00)} \\
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+4m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{211}^{(21)} & -4m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{121}^{(20)} & -4m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{112}^{(10)} \\
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&+2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{211}^{(10)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{121}^{(00)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{400}^{(21)}\\
&+2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{310}^{(20)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{301}^{(10)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{211}^{(00)}\\
&+2m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{310}^{(21)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{220}^{(20)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{211}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{121}^{(00)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(11)}m_{400}^{(21)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(11)}m_{310}^{(20)}\\
&+2m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(11)}m_{301}^{(10)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(11)}m_{211}^{(00)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(00)}m_{301}^{(21)}\\
&+2m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(00)}m_{211}^{(20)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(00)}m_{202}^{(10)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(00)}m_{112}^{(00)}\\
&+2m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{400}^{(21)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{310}^{(20)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{301}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{211}^{(00)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{310}^{(21)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{220}^{(20)}\\
&+2m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{211}^{(10)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{121}^{(00)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{400}^{(21)}\\
&-2m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{310}^{(20)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{301}^{(10)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{211}^{(00)}\\
&+2m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{220}^{(21)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{130}^{(20)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{121}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{031}^{(00)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{310}^{(21)} + 2m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{220}^{(20)}\\
&+2m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{211}^{(10)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{121}^{(00)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{220}^{(21)}\\
&+2m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{130}^{(20)} + 2m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{121}^{(10)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{031}^{(00)}\\
&+2m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(11)}m_{400}^{(21)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(11)}m_{310}^{(20)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(11)}m_{301}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(11)}m_{211}^{(00)} + 2m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{310}^{(21)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{220}^{(20)}\\
&-2m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{211}^{(10)} + 2m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{121}^{(00)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{400}^{(21)}\\
&+2m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{310}^{(20)} + 2m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{301}^{(10)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{211}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(21)}m_{202}^{(11)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(21)}m_{112}^{(10)} - m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(21)}m_{022}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(22)}m_{211}^{(11)} - 2m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(22)}m_{121}^{(10)} + m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(22)}m_{031}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(11)}m_{202}^{(11)} - 2m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(11)}m_{112}^{(10)} + m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(11)}m_{022}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(22)}m_{220}^{(11)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(22)}m_{130}^{(10)} - m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(22)}m_{040}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{002}^{(11)}m_{211}^{(11)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{002}^{(11)}m_{121}^{(10)} - m_{000}^{(22)}m_{100}^{(00)}m_{002}^{(11)}m_{031}^{(00)}\\
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&+m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(21)}m_{202}^{(11)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(21)}m_{112}^{(10)} + m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(21)}m_{022}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(22)}m_{211}^{(11)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(22)}m_{121}^{(10)} - m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(22)}m_{031}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(11)}m_{202}^{(11)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(11)}m_{112}^{(10)} - m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(11)}m_{022}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(21)}m_{211}^{(11)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(21)}m_{121}^{(10)} + m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(21)}m_{031}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(20)}m_{202}^{(11)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(20)}m_{112}^{(10)} + m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(20)}m_{022}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(22)}m_{301}^{(11)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(22)}m_{211}^{(10)} - m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(22)}m_{121}^{(00)}\\
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&-2m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(11)}m_{301}^{(11)} + 4m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(11)}m_{211}^{(10)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(11)}m_{121}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(20)}m_{220}^{(11)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(20)}m_{130}^{(10)} + m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(20)}m_{040}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{002}^{(10)}m_{220}^{(11)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{002}^{(10)}m_{130}^{(10)} - m_{000}^{(22)}m_{100}^{(20)}m_{002}^{(10)}m_{040}^{(00)}\\
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&+2m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(20)}m_{211}^{(11)} - 4m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(20)}m_{121}^{(10)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(20)}m_{031}^{(00)}\\
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&+m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(21)}m_{310}^{(11)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(21)}m_{220}^{(10)} + m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(21)}m_{130}^{(00)}\\
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&+2m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{301}^{(11)} - 4m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{211}^{(10)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{121}^{(00)}\\
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&+m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(21)}m_{301}^{(11)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(21)}m_{211}^{(10)} + m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(21)}m_{121}^{(00)}\\
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&+m_{000}^{(22)}m_{001}^{(10)}m_{011}^{(10)}m_{301}^{(11)} - 2m_{000}^{(22)}m_{001}^{(10)}m_{011}^{(10)}m_{211}^{(10)} + m_{000}^{(22)}m_{001}^{(10)}m_{011}^{(10)}m_{121}^{(00)}\\
&-2m_{000}^{(22)}m_{001}^{(10)}m_{011}^{(20)}m_{310}^{(11)} + 4m_{000}^{(22)}m_{001}^{(10)}m_{011}^{(20)}m_{220}^{(10)} - 2m_{000}^{(22)}m_{001}^{(10)}m_{011}^{(20)}m_{130}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(10)}m_{202}^{(11)} + 2m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(10)}m_{112}^{(10)} - m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(10)}m_{022}^{(00)}\\
&+m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(21)}m_{301}^{(11)} - 2m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(21)}m_{211}^{(10)} + m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(21)}m_{121}^{(00)}\\
&+m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(00)}m_{202}^{(11)} - 2m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(00)}m_{112}^{(10)} + m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(00)}m_{022}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(20)}m_{301}^{(11)} + 2m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(20)}m_{211}^{(10)} - m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(20)}m_{121}^{(00)}\\
&+m_{000}^{(22)}m_{001}^{(11)}m_{101}^{(10)}m_{301}^{(11)} - 2m_{000}^{(22)}m_{001}^{(11)}m_{101}^{(10)}m_{211}^{(10)} + m_{000}^{(22)}m_{001}^{(11)}m_{101}^{(10)}m_{121}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(11)}m_{101}^{(21)}m_{400}^{(11)} + 2m_{000}^{(22)}m_{001}^{(11)}m_{101}^{(21)}m_{310}^{(10)} - m_{000}^{(22)}m_{001}^{(11)}m_{101}^{(21)}m_{220}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(11)}m_{011}^{(00)}m_{301}^{(11)} + 2m_{000}^{(22)}m_{001}^{(11)}m_{011}^{(00)}m_{211}^{(10)} - m_{000}^{(22)}m_{001}^{(11)}m_{011}^{(00)}m_{121}^{(00)}\\
&+m_{000}^{(22)}m_{001}^{(11)}m_{011}^{(20)}m_{400}^{(11)} - 2m_{000}^{(22)}m_{001}^{(11)}m_{011}^{(20)}m_{310}^{(10)} + m_{000}^{(22)}m_{001}^{(11)}m_{011}^{(20)}m_{220}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{211}^{(11)} + 2m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{121}^{(10)} - m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{031}^{(00)}\\
&+m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(21)}m_{220}^{(11)} - 2m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(21)}m_{130}^{(10)} + m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(21)}m_{040}^{(00)}\\
&+2m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{301}^{(11)} - 4m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{211}^{(10)} + 2m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{121}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(20)}m_{220}^{(11)} + 2m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(20)}m_{130}^{(10)} - m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(20)}m_{040}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(21)}m_{310}^{(11)} + 2m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(21)}m_{220}^{(10)} - m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(21)}m_{130}^{(00)}\\
&+m_{000}^{(22)}m_{001}^{(20)}m_{101}^{(10)}m_{220}^{(11)} - 2m_{000}^{(22)}m_{001}^{(20)}m_{101}^{(10)}m_{130}^{(10)} + m_{000}^{(22)}m_{001}^{(20)}m_{101}^{(10)}m_{040}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(20)}m_{101}^{(11)}m_{310}^{(11)} + 2m_{000}^{(22)}m_{001}^{(20)}m_{101}^{(11)}m_{220}^{(10)} - m_{000}^{(22)}m_{001}^{(20)}m_{101}^{(11)}m_{130}^{(00)}\\
&+m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{211}^{(11)} - 2m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{121}^{(10)} + m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{031}^{(00)}\\
&-2m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{301}^{(11)} + 4m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{211}^{(10)} - 2m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{121}^{(00)}\\
&+m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(20)}m_{310}^{(11)} - 2m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(20)}m_{220}^{(10)} + m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(20)}m_{130}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(20)}m_{011}^{(00)}m_{220}^{(11)} + 2m_{000}^{(22)}m_{001}^{(20)}m_{011}^{(00)}m_{130}^{(10)} - m_{000}^{(22)}m_{001}^{(20)}m_{011}^{(00)}m_{040}^{(00)}\\
&+m_{000}^{(22)}m_{001}^{(20)}m_{011}^{(10)}m_{310}^{(11)} - 2m_{000}^{(22)}m_{001}^{(20)}m_{011}^{(10)}m_{220}^{(10)} + m_{000}^{(22)}m_{001}^{(20)}m_{011}^{(10)}m_{130}^{(00)}\\
&+2m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{211}^{(11)} - 4m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{121}^{(10)} + 2m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{031}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{301}^{(11)} + 2m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{211}^{(10)} - m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{121}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(21)}m_{310}^{(11)} + 2m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(21)}m_{220}^{(10)} - m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(21)}m_{130}^{(00)}\\
&-2m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{211}^{(11)} + 4m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{121}^{(10)} - 2m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{031}^{(00)}\\
&+m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(20)}m_{310}^{(11)} - 2m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(20)}m_{220}^{(10)} + m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(20)}m_{130}^{(00)}\\
&+m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(21)}m_{400}^{(11)} - 2m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(21)}m_{310}^{(10)} + m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(21)}m_{220}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(21)}m_{101}^{(10)}m_{310}^{(11)} + 2m_{000}^{(22)}m_{001}^{(21)}m_{101}^{(10)}m_{220}^{(10)} - m_{000}^{(22)}m_{001}^{(21)}m_{101}^{(10)}m_{130}^{(00)}\\
&+m_{000}^{(22)}m_{001}^{(21)}m_{101}^{(11)}m_{400}^{(11)} - 2m_{000}^{(22)}m_{001}^{(21)}m_{101}^{(11)}m_{310}^{(10)} + m_{000}^{(22)}m_{001}^{(21)}m_{101}^{(11)}m_{220}^{(00)}\\
&+m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{301}^{(11)} - 2m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{211}^{(10)} + m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{121}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(20)}m_{400}^{(11)} + 2m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(20)}m_{310}^{(10)} - m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(20)}m_{220}^{(00)}\\
&+m_{000}^{(22)}m_{001}^{(21)}m_{011}^{(00)}m_{310}^{(11)} - 2m_{000}^{(22)}m_{001}^{(21)}m_{011}^{(00)}m_{220}^{(10)} + m_{000}^{(22)}m_{001}^{(21)}m_{011}^{(00)}m_{130}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(21)}m_{011}^{(10)}m_{400}^{(11)} + 2m_{000}^{(22)}m_{001}^{(21)}m_{011}^{(10)}m_{310}^{(10)} - m_{000}^{(22)}m_{001}^{(21)}m_{011}^{(10)}m_{220}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(22)}m_{200}^{(10)}m_{220}^{(11)} + 2m_{000}^{(22)}m_{001}^{(22)}m_{200}^{(10)}m_{130}^{(10)} - m_{000}^{(22)}m_{001}^{(22)}m_{200}^{(10)}m_{040}^{(00)}\\
&+m_{000}^{(22)}m_{001}^{(22)}m_{200}^{(11)}m_{310}^{(11)} - 2m_{000}^{(22)}m_{001}^{(22)}m_{200}^{(11)}m_{220}^{(10)} + m_{000}^{(22)}m_{001}^{(22)}m_{200}^{(11)}m_{130}^{(00)}\\
&+m_{000}^{(22)}m_{001}^{(22)}m_{110}^{(00)}m_{220}^{(11)} - 2m_{000}^{(22)}m_{001}^{(22)}m_{110}^{(00)}m_{130}^{(10)} + m_{000}^{(22)}m_{001}^{(22)}m_{110}^{(00)}m_{040}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(22)}m_{110}^{(11)}m_{400}^{(11)} + 2m_{000}^{(22)}m_{001}^{(22)}m_{110}^{(11)}m_{310}^{(10)} - m_{000}^{(22)}m_{001}^{(22)}m_{110}^{(11)}m_{220}^{(00)}
\end{aligned}
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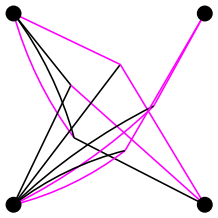
\begin{aligned}
&-m_{000}^{(22)}m_{001}^{(22)}m_{020}^{(00)}m_{310}^{(11)} + 2m_{000}^{(22)}m_{001}^{(22)}m_{020}^{(00)}m_{220}^{(10)} - m_{000}^{(22)}m_{001}^{(22)}m_{020}^{(00)}m_{130}^{(00)}\\
&+m_{000}^{(22)}m_{001}^{(22)}m_{020}^{(10)}m_{400}^{(11)} - 2m_{000}^{(22)}m_{001}^{(22)}m_{020}^{(10)}m_{310}^{(10)} + m_{000}^{(22)}m_{001}^{(22)}m_{020}^{(10)}m_{220}^{(00)}
\end{aligned}
$$

Generating graph:

$$\begin{array}{rrrrr} V1 & V1 & 1 & 1 & V2 \\ 1 & 1 & V2 & 2 & 2 \\ V3 & V3 & V4 & V4 & 4 \end{array}$$



$$\begin{aligned} T_{164} \;=\; & -m_{000}^{(00)} m_{100}^{(00)} m_{020}^{(21)} m_{022}^{(22)} + 2m_{000}^{(00)} m_{100}^{(00)} m_{020}^{(21)} m_{013}^{(21)} - m_{000}^{(00)} m_{100}^{(00)} m_{020}^{(21)} m_{004}^{(11)} \\ & + m_{000}^{(00)} m_{100}^{(00)} m_{020}^{(22)} m_{031}^{(22)} - 2m_{000}^{(00)} m_{100}^{(00)} m_{020}^{(22)} m_{022}^{(21)} + m_{000}^{(00)} m_{100}^{(00)} m_{020}^{(22)} m_{013}^{(11)} \\ & + m_{000}^{(00)} m_{100}^{(00)} m_{011}^{(11)} m_{022}^{(22)} - 2m_{000}^{(00)} m_{100}^{(00)} m_{011}^{(11)} m_{013}^{(21)} + m_{000}^{(00)} m_{100}^{(00)} m_{011}^{(11)} m_{004}^{(11)} \\ & - m_{000}^{(00)} m_{100}^{(00)} m_{011}^{(22)} m_{040}^{(22)} + 2m_{000}^{(00)} m_{100}^{(00)} m_{011}^{(22)} m_{031}^{(21)} - m_{000}^{(00)} m_{100}^{(00)} m_{011}^{(22)} m_{022}^{(11)} \\ & - m_{000}^{(00)} m_{100}^{(00)} m_{002}^{(11)} m_{031}^{(22)} + 2m_{000}^{(00)} m_{100}^{(00)} m_{002}^{(11)} m_{022}^{(21)} - m_{000}^{(00)} m_{100}^{(00)} m_{002}^{(11)} m_{013}^{(11)} \\ & + m_{000}^{(00)} m_{100}^{(00)} m_{002}^{(21)} m_{040}^{(22)} - 2m_{000}^{(00)} m_{100}^{(00)} m_{002}^{(21)} m_{031}^{(21)} + m_{000}^{(00)} m_{100}^{(00)} m_{002}^{(21)} m_{022}^{(11)} \\ & + 2m_{000}^{(00)} m_{100}^{(10)} m_{020}^{(21)} m_{112}^{(22)} - 2m_{000}^{(00)} m_{100}^{(10)} m_{020}^{(21)} m_{103}^{(21)} - 2m_{000}^{(00)} m_{100}^{(10)} m_{020}^{(21)} m_{013}^{(20)} \\ & + 2m_{000}^{(00)} m_{100}^{(10)} m_{020}^{(21)} m_{004}^{(10)} - 2m_{000}^{(00)} m_{100}^{(10)} m_{020}^{(22)} m_{121}^{(22)} + 2m_{000}^{(00)} m_{100}^{(10)} m_{020}^{(22)} m_{112}^{(21)} \\ & + 2m_{000}^{(00)} m_{100}^{(10)} m_{020}^{(22)} m_{022}^{(20)} - 2m_{000}^{(00)} m_{100}^{(10)} m_{020}^{(22)} m_{013}^{(10)} - 2m_{000}^{(00)} m_{100}^{(10)} m_{011}^{(11)} m_{112}^{(22)} \\ & + 2m_{000}^{(00)} m_{100}^{(10)} m_{011}^{(11)} m_{103}^{(21)} + 2m_{000}^{(00)} m_{100}^{(10)} m_{011}^{(11)} m_{013}^{(20)} - 2m_{000}^{(00)} m_{100}^{(10)} m_{011}^{(11)} m_{004}^{(10)} \\ & + 2m_{000}^{(00)} m_{100}^{(10)} m_{011}^{(22)} m_{130}^{(22)} - 2m_{000}^{(00)} m_{100}^{(10)} m_{011}^{(22)} m_{121}^{(21)} - 2m_{000}^{(00)} m_{100}^{(10)} m_{011}^{(22)} m_{031}^{(20)} \\ & + 2m_{000}^{(00)} m_{100}^{(10)} m_{011}^{(22)} m_{022}^{(10)} + 2m_{000}^{(00)} m_{100}^{(10)} m_{002}^{(11)} m_{121}^{(22)} - 2m_{000}^{(00)} m_{100}^{(10)} m_{002}^{(11)} m_{112}^{(21)} \\ & - 2m_{000}^{(00)} m_{100}^{(10)} m_{002}^{(11)} m_{022}^{(20)} + 2m_{000}^{(00)} m_{100}^{(10)} m_{002}^{(11)} m_{013}^{(10)} - 2m_{000}^{(00)} m_{100}^{(10)} m_{002}^{(21)} m_{130}^{(22)} \\ & + 2m_{000}^{(00)} m_{100}^{(10)} m_{002}^{(21)} m_{121}^{(21)} + 2m_{000}^{(00)} m_{100}^{(10)} m_{002}^{(21)} m_{031}^{(20)} - 2m_{000}^{(00)} m_{100}^{(10)} m_{002}^{(21)} m_{022}^{(10)} \\ & - m_{000}^{(00)} m_{100}^{(11)} m_{020}^{(21)} m_{202}^{(22)} + 2m_{000}^{(00)} m_{100}^{(11)} m_{020}^{(21)} m_{103}^{(20)} - m_{000}^{(00)} m_{100}^{(11)} m_{020}^{(21)} m_{004}^{(00)} \\ & + m_{000}^{(00)} m_{100}^{(11)} m_{020}^{(22)} m_{211}^{(22)} - 2m_{000}^{(00)} m_{100}^{(11)} m_{020}^{(22)} m_{112}^{(20)} + m_{000}^{(00)} m_{100}^{(11)} m_{020}^{(22)} m_{013}^{(00)} \\ & + m_{000}^{(00)} m_{100}^{(11)} m_{011}^{(11)} m_{202}^{(22)} - 2m_{000}^{(00)} m_{100}^{(11)} m_{011}^{(11)} m_{103}^{(20)} + m_{000}^{(00)} m_{100}^{(11)} m_{011}^{(11)} m_{004}^{(00)} \\ & - m_{000}^{(00)} m_{100}^{(11)} m_{011}^{(22)} m_{220}^{(22)} + 2m_{000}^{(00)} m_{100}^{(11)} m_{011}^{(22)} m_{121}^{(20)} - m_{000}^{(00)} m_{100}^{(11)} m_{011}^{(22)} m_{022}^{(00)} \\ & - m_{000}^{(00)} m_{100}^{(11)} m_{002}^{(11)} m_{211}^{(22)} + 2m_{000}^{(00)} m_{100}^{(11)} m_{002}^{(11)} m_{112}^{(20)} - m_{000}^{(00)} m_{100}^{(11)} m_{002}^{(11)} m_{013}^{(00)} \\ & + m_{000}^{(00)} m_{100}^{(11)} m_{002}^{(21)} m_{220}^{(22)} - 2m_{000}^{(00)} m_{100}^{(11)} m_{002}^{(21)} m_{121}^{(20)} + m_{000}^{(00)} m_{100}^{(11)} m_{002}^{(21)} m_{022}^{(00)} \\ & - 2m_{000}^{(00)} m_{100}^{(20)} m_{020}^{(21)} m_{112}^{(21)} + 2m_{000}^{(00)} m_{100}^{(20)} m_{020}^{(21)} m_{103}^{(11)} + 2m_{000}^{(00)} m_{100}^{(20)} m_{020}^{(21)} m_{022}^{(20)} \end{aligned}$$

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\begin{aligned}
&-2m_{000}^{(00)}m_{100}^{(20)}m_{020}^{(21)}m_{013}^{(10)} + 2m_{000}^{(00)}m_{100}^{(20)}m_{020}^{(22)}m_{121}^{(21)} - 2m_{000}^{(00)}m_{100}^{(20)}m_{020}^{(22)}m_{112}^{(11)}\\
&-2m_{000}^{(00)}m_{100}^{(20)}m_{020}^{(22)}m_{031}^{(20)} + 2m_{000}^{(00)}m_{100}^{(20)}m_{020}^{(22)}m_{022}^{(10)} + 2m_{000}^{(00)}m_{100}^{(20)}m_{011}^{(11)}m_{112}^{(21)}\\
&-2m_{000}^{(00)}m_{100}^{(20)}m_{011}^{(11)}m_{103}^{(11)} - 2m_{000}^{(00)}m_{100}^{(20)}m_{011}^{(11)}m_{022}^{(20)} + 2m_{000}^{(00)}m_{100}^{(20)}m_{011}^{(11)}m_{013}^{(10)}\\
&-2m_{000}^{(00)}m_{100}^{(20)}m_{011}^{(22)}m_{130}^{(21)} + 2m_{000}^{(00)}m_{100}^{(20)}m_{011}^{(22)}m_{121}^{(11)} + 2m_{000}^{(00)}m_{100}^{(20)}m_{011}^{(22)}m_{040}^{(20)}\\
&-2m_{000}^{(00)}m_{100}^{(20)}m_{011}^{(22)}m_{031}^{(10)} - 2m_{000}^{(00)}m_{100}^{(20)}m_{002}^{(11)}m_{121}^{(21)} + 2m_{000}^{(00)}m_{100}^{(20)}m_{002}^{(11)}m_{112}^{(11)}\\
&+2m_{000}^{(00)}m_{100}^{(20)}m_{002}^{(11)}m_{031}^{(20)} - 2m_{000}^{(00)}m_{100}^{(20)}m_{002}^{(11)}m_{022}^{(10)} + 2m_{000}^{(00)}m_{100}^{(20)}m_{002}^{(21)}m_{130}^{(21)}\\
&-2m_{000}^{(00)}m_{100}^{(20)}m_{002}^{(21)}m_{121}^{(11)} - 2m_{000}^{(00)}m_{100}^{(20)}m_{002}^{(21)}m_{040}^{(20)} + 2m_{000}^{(00)}m_{100}^{(20)}m_{002}^{(21)}m_{031}^{(10)}\\
&+2m_{000}^{(00)}m_{100}^{(21)}m_{020}^{(21)}m_{202}^{(21)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{020}^{(21)}m_{112}^{(20)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{020}^{(21)}m_{103}^{(10)}\\
&+2m_{000}^{(00)}m_{100}^{(21)}m_{020}^{(21)}m_{013}^{(00)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{020}^{(22)}m_{211}^{(21)} + 2m_{000}^{(00)}m_{100}^{(21)}m_{020}^{(22)}m_{121}^{(20)}\\
&+2m_{000}^{(00)}m_{100}^{(21)}m_{020}^{(22)}m_{112}^{(10)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{020}^{(22)}m_{022}^{(00)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(11)}m_{202}^{(21)}\\
&+2m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(11)}m_{112}^{(20)} + 2m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(11)}m_{103}^{(10)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(11)}m_{013}^{(00)}\\
&+2m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(22)}m_{220}^{(21)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(22)}m_{130}^{(20)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(22)}m_{121}^{(10)}\\
&+2m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(22)}m_{031}^{(00)} + 2m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(11)}m_{211}^{(21)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(11)}m_{121}^{(20)}\\
&-2m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(11)}m_{112}^{(10)} + 2m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(11)}m_{022}^{(00)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(21)}m_{220}^{(21)}\\
&+2m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(21)}m_{130}^{(20)} + 2m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(21)}m_{121}^{(10)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(21)}m_{031}^{(00)}\\
&-m_{000}^{(00)}m_{100}^{(22)}m_{020}^{(21)}m_{202}^{(11)} + 2m_{000}^{(00)}m_{100}^{(22)}m_{020}^{(21)}m_{112}^{(10)} - m_{000}^{(00)}m_{100}^{(22)}m_{020}^{(21)}m_{022}^{(00)}\\
&+m_{000}^{(00)}m_{100}^{(22)}m_{020}^{(22)}m_{211}^{(11)} - 2m_{000}^{(00)}m_{100}^{(22)}m_{020}^{(22)}m_{121}^{(10)} + m_{000}^{(00)}m_{100}^{(22)}m_{020}^{(22)}m_{031}^{(00)}\\
&+m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(11)}m_{202}^{(11)} - 2m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(11)}m_{112}^{(10)} + m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(11)}m_{022}^{(00)}\\
&-m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(22)}m_{220}^{(11)} + 2m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(22)}m_{130}^{(10)} - m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(22)}m_{040}^{(00)}\\
&-m_{000}^{(00)}m_{100}^{(22)}m_{002}^{(11)}m_{211}^{(11)} + 2m_{000}^{(00)}m_{100}^{(22)}m_{002}^{(11)}m_{121}^{(10)} - m_{000}^{(00)}m_{100}^{(22)}m_{002}^{(11)}m_{031}^{(00)}\\
&+m_{000}^{(00)}m_{100}^{(22)}m_{002}^{(21)}m_{220}^{(11)} - 2m_{000}^{(00)}m_{100}^{(22)}m_{002}^{(21)}m_{130}^{(10)} + m_{000}^{(00)}m_{100}^{(22)}m_{002}^{(21)}m_{040}^{(00)}\\
&+m_{000}^{(00)}m_{010}^{(00)}m_{110}^{(21)}m_{022}^{(22)} - 2m_{000}^{(00)}m_{010}^{(00)}m_{110}^{(21)}m_{013}^{(21)} + m_{000}^{(00)}m_{010}^{(00)}m_{110}^{(21)}m_{004}^{(11)}\\
&-m_{000}^{(00)}m_{010}^{(00)}m_{110}^{(22)}m_{031}^{(22)} + 2m_{000}^{(00)}m_{010}^{(00)}m_{110}^{(22)}m_{022}^{(21)} - m_{000}^{(00)}m_{010}^{(00)}m_{110}^{(22)}m_{013}^{(11)}\\
&-m_{000}^{(00)}m_{010}^{(00)}m_{101}^{(11)}m_{022}^{(22)} + 2m_{000}^{(00)}m_{010}^{(00)}m_{101}^{(11)}m_{013}^{(21)} - m_{000}^{(00)}m_{010}^{(00)}m_{101}^{(11)}m_{004}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(00)}m_{101}^{(21)}m_{031}^{(22)} - 2m_{000}^{(00)}m_{010}^{(00)}m_{101}^{(21)}m_{022}^{(21)} + m_{000}^{(00)}m_{010}^{(00)}m_{101}^{(21)}m_{013}^{(11)}\\
&-m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(21)}m_{121}^{(22)} + 2m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(21)}m_{112}^{(21)} - m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(21)}m_{103}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(22)}m_{130}^{(22)} - 2m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(22)}m_{121}^{(21)} + m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(22)}m_{112}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(00)}m_{002}^{(11)}m_{121}^{(22)} - 2m_{000}^{(00)}m_{010}^{(00)}m_{002}^{(11)}m_{112}^{(21)} + m_{000}^{(00)}m_{010}^{(00)}m_{002}^{(11)}m_{103}^{(11)}\\
&-m_{000}^{(00)}m_{010}^{(00)}m_{002}^{(21)}m_{130}^{(22)} + 2m_{000}^{(00)}m_{010}^{(00)}m_{002}^{(21)}m_{121}^{(21)} - m_{000}^{(00)}m_{010}^{(00)}m_{002}^{(21)}m_{112}^{(11)}\\
&-2m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(21)}m_{112}^{(22)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(21)}m_{103}^{(21)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(21)}m_{013}^{(20)}\\
&-2m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(21)}m_{004}^{(10)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(22)}m_{121}^{(22)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(22)}m_{112}^{(21)}\\
&-2m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(22)}m_{022}^{(20)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(22)}m_{013}^{(10)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(11)}m_{112}^{(22)}\\
&-2m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(11)}m_{103}^{(21)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(11)}m_{013}^{(20)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(11)}m_{004}^{(10)}\\
&-2m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(21)}m_{121}^{(22)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(21)}m_{112}^{(21)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(21)}m_{022}^{(20)}\\
&-2m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(21)}m_{013}^{(10)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{211}^{(22)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{202}^{(21)}\\
&-2m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{112}^{(20)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{103}^{(10)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(22)}m_{220}^{(22)}\\
&+2m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(22)}m_{211}^{(21)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(22)}m_{121}^{(20)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(22)}m_{112}^{(10)}\\
&-2m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(11)}m_{211}^{(22)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(11)}m_{202}^{(21)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(11)}m_{112}^{(20)}
\end{aligned}
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\begin{aligned}
&-2m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(11)}m_{103}^{(10)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(21)}m_{220}^{(22)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(21)}m_{211}^{(21)}\\
&-2m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(21)}m_{121}^{(20)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(21)}m_{112}^{(10)} + m_{000}^{(00)}m_{010}^{(11)}m_{110}^{(21)}m_{202}^{(22)}\\
&-2m_{000}^{(00)}m_{010}^{(11)}m_{110}^{(21)}m_{103}^{(20)} + m_{000}^{(00)}m_{010}^{(11)}m_{110}^{(21)}m_{004}^{(00)} - m_{000}^{(00)}m_{010}^{(11)}m_{110}^{(22)}m_{211}^{(22)}\\
&+2m_{000}^{(00)}m_{010}^{(11)}m_{110}^{(22)}m_{112}^{(20)} - m_{000}^{(00)}m_{010}^{(11)}m_{110}^{(22)}m_{013}^{(00)} - m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(11)}m_{202}^{(22)}\\
&+2m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(11)}m_{103}^{(20)} - m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(11)}m_{004}^{(00)} + m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(21)}m_{211}^{(22)}\\
&-2m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(21)}m_{112}^{(20)} + m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(21)}m_{013}^{(00)} - m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(21)}m_{301}^{(22)}\\
&+2m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(21)}m_{202}^{(20)} - m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(21)}m_{103}^{(00)} + m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(22)}m_{310}^{(22)}\\
&-2m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(22)}m_{211}^{(20)} + m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(22)}m_{112}^{(00)} + m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(11)}m_{301}^{(22)}\\
&-2m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(11)}m_{202}^{(20)} + m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(11)}m_{103}^{(00)} - m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(21)}m_{310}^{(22)}\\
&+2m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(21)}m_{211}^{(20)} - m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(21)}m_{112}^{(00)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{112}^{(21)}\\
&-2m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{103}^{(11)} - 2m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{022}^{(20)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{013}^{(10)}\\
&-2m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(22)}m_{121}^{(21)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(22)}m_{112}^{(11)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(22)}m_{031}^{(20)}\\
&-2m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(22)}m_{022}^{(10)} - 2m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(11)}m_{112}^{(21)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(11)}m_{103}^{(11)}\\
&+2m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(11)}m_{022}^{(20)} - 2m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(11)}m_{013}^{(10)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(21)}m_{121}^{(21)}\\
&-2m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(21)}m_{112}^{(11)} - 2m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(21)}m_{031}^{(20)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(21)}m_{022}^{(10)}\\
&-2m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{211}^{(21)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{202}^{(11)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{121}^{(20)}\\
&-2m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{112}^{(10)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(22)}m_{220}^{(21)} - 2m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(22)}m_{211}^{(11)}\\
&-2m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(22)}m_{130}^{(20)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(22)}m_{121}^{(10)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(11)}m_{211}^{(21)}\\
&-2m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(11)}m_{202}^{(11)} - 2m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(11)}m_{121}^{(20)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(11)}m_{112}^{(10)}\\
&-2m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{220}^{(21)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{211}^{(11)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{130}^{(20)}\\
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&+2m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(21)}m_{103}^{(10)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(21)}m_{013}^{(00)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(22)}m_{211}^{(21)}\\
&-2m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(22)}m_{121}^{(20)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(22)}m_{112}^{(10)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(22)}m_{022}^{(00)}\\
&+2m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(11)}m_{202}^{(21)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(11)}m_{112}^{(20)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(11)}m_{103}^{(10)}\\
&+2m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(11)}m_{013}^{(00)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{211}^{(21)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{121}^{(20)}\\
&+2m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{112}^{(10)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{022}^{(00)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{301}^{(21)}\\
&-2m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{211}^{(20)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{202}^{(10)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{112}^{(00)}\\
&-2m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{310}^{(21)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{220}^{(20)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{211}^{(10)}\\
&-2m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{121}^{(00)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(11)}m_{301}^{(21)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(11)}m_{211}^{(20)}\\
&+2m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(11)}m_{202}^{(10)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(11)}m_{112}^{(00)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(21)}m_{310}^{(21)}\\
&-2m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(21)}m_{220}^{(20)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(21)}m_{211}^{(10)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(21)}m_{121}^{(00)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{202}^{(11)} - 2m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{112}^{(10)} + m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{022}^{(00)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(22)}m_{211}^{(11)} + 2m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(22)}m_{121}^{(10)} - m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(22)}m_{031}^{(00)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(11)}m_{202}^{(11)} + 2m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(11)}m_{112}^{(10)} - m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(11)}m_{022}^{(00)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(21)}m_{211}^{(11)} - 2m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(21)}m_{121}^{(10)} + m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(21)}m_{031}^{(00)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{301}^{(11)} + 2m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{211}^{(10)} - m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{121}^{(00)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(22)}m_{310}^{(11)} - 2m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(22)}m_{220}^{(10)} + m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(22)}m_{130}^{(00)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{002}^{(11)}m_{301}^{(11)} - 2m_{000}^{(00)}m_{010}^{(22)}m_{002}^{(11)}m_{211}^{(10)} + m_{000}^{(00)}m_{010}^{(22)}m_{002}^{(11)}m_{121}^{(00)}
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&-m_{000}^{(00)}m_{010}^{(22)}m_{002}^{(21)}m_{310}^{(11)} + 2m_{000}^{(00)}m_{010}^{(22)}m_{002}^{(21)}m_{220}^{(10)} - m_{000}^{(00)}m_{010}^{(22)}m_{002}^{(21)}m_{130}^{(00)}\\
&-m_{000}^{(00)}m_{001}^{(00)}m_{110}^{(21)}m_{031}^{(22)} + 2m_{000}^{(00)}m_{001}^{(00)}m_{110}^{(21)}m_{022}^{(21)} - m_{000}^{(00)}m_{001}^{(00)}m_{110}^{(21)}m_{013}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(00)}m_{110}^{(22)}m_{040}^{(22)} - 2m_{000}^{(00)}m_{001}^{(00)}m_{110}^{(22)}m_{031}^{(21)} + m_{000}^{(00)}m_{001}^{(00)}m_{110}^{(22)}m_{022}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(00)}m_{101}^{(11)}m_{031}^{(22)} - 2m_{000}^{(00)}m_{001}^{(00)}m_{101}^{(11)}m_{022}^{(21)} + m_{000}^{(00)}m_{001}^{(00)}m_{101}^{(11)}m_{013}^{(11)}\\
&-m_{000}^{(00)}m_{001}^{(00)}m_{101}^{(21)}m_{040}^{(22)} + 2m_{000}^{(00)}m_{001}^{(00)}m_{101}^{(21)}m_{031}^{(21)} - m_{000}^{(00)}m_{001}^{(00)}m_{101}^{(21)}m_{022}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(21)}m_{121}^{(22)} - 2m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(21)}m_{112}^{(21)} + m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(21)}m_{103}^{(11)}\\
&-m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(22)}m_{130}^{(22)} + 2m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(22)}m_{121}^{(21)} - m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(22)}m_{112}^{(11)}\\
&-m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(11)}m_{121}^{(22)} + 2m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(11)}m_{112}^{(21)} - m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(11)}m_{103}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(21)}m_{130}^{(22)} - 2m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(21)}m_{121}^{(21)} + m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(21)}m_{112}^{(11)}\\
&+2m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{121}^{(22)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{112}^{(21)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{022}^{(20)}\\
&+2m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{013}^{(10)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{130}^{(22)} + 2m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{121}^{(21)}\\
&+2m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{031}^{(20)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{022}^{(10)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(11)}m_{121}^{(22)}\\
&+2m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(11)}m_{112}^{(21)} + 2m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(11)}m_{022}^{(20)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(11)}m_{013}^{(10)}\\
&+2m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{130}^{(22)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{121}^{(21)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{031}^{(20)}\\
&+2m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{022}^{(10)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{211}^{(22)} + 2m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{202}^{(21)}\\
&+2m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{112}^{(20)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{103}^{(10)} + 2m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{220}^{(22)}\\
&-2m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{211}^{(21)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{121}^{(20)} + 2m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{112}^{(10)}\\
&+2m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{211}^{(22)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{202}^{(21)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{112}^{(20)}\\
&+2m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{103}^{(10)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{220}^{(22)} + 2m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{211}^{(21)}\\
&+2m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{121}^{(20)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{112}^{(10)} - m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(21)}m_{211}^{(22)}\\
&+2m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(21)}m_{112}^{(20)} - m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(21)}m_{013}^{(00)} + m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(22)}m_{220}^{(22)}\\
&-2m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(22)}m_{121}^{(20)} + m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(22)}m_{022}^{(00)} + m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(11)}m_{211}^{(22)}\\
&-2m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(11)}m_{112}^{(20)} + m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(11)}m_{013}^{(00)} - m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{220}^{(22)}\\
&+2m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{121}^{(20)} - m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{022}^{(00)} + m_{000}^{(00)}m_{001}^{(11)}m_{020}^{(21)}m_{301}^{(22)}\\
&-2m_{000}^{(00)}m_{001}^{(11)}m_{020}^{(21)}m_{202}^{(20)} + m_{000}^{(00)}m_{001}^{(11)}m_{020}^{(21)}m_{103}^{(00)} - m_{000}^{(00)}m_{001}^{(11)}m_{020}^{(22)}m_{310}^{(22)}\\
&+2m_{000}^{(00)}m_{001}^{(11)}m_{020}^{(22)}m_{211}^{(20)} - m_{000}^{(00)}m_{001}^{(11)}m_{020}^{(22)}m_{112}^{(00)} - m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(11)}m_{301}^{(22)}\\
&+2m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(11)}m_{202}^{(20)} - m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(11)}m_{103}^{(00)} + m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{310}^{(22)}\\
&-2m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{211}^{(20)} + m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{112}^{(00)} - 2m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{121}^{(21)}\\
&+2m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{112}^{(11)} + 2m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{031}^{(20)} - 2m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{022}^{(10)}\\
&+2m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(22)}m_{130}^{(21)} - 2m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(22)}m_{121}^{(11)} - 2m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(22)}m_{040}^{(20)}\\
&+2m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(22)}m_{031}^{(10)} + 2m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{121}^{(21)} - 2m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{112}^{(11)}\\
&-2m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{031}^{(20)} + 2m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{022}^{(10)} - 2m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{130}^{(21)}\\
&+2m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{121}^{(11)} + 2m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{040}^{(20)} - 2m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{031}^{(10)}\\
&+2m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{211}^{(21)} - 2m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{202}^{(11)} - 2m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{121}^{(20)}\\
&+2m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{112}^{(10)} - 2m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(22)}m_{220}^{(21)} + 2m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(22)}m_{211}^{(11)}\\
&+2m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(22)}m_{130}^{(20)} - 2m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(22)}m_{121}^{(10)} - 2m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{211}^{(21)}\\
&+2m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{202}^{(11)} + 2m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{121}^{(20)} - 2m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{112}^{(10)}\\
&+2m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{220}^{(21)} - 2m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{211}^{(11)} - 2m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{130}^{(20)}
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&+2m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{121}^{(10)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{211}^{(21)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{121}^{(20)}\\
&-2m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{112}^{(10)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{022}^{(00)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(22)}m_{220}^{(21)}\\
&+2m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(22)}m_{130}^{(20)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(22)}m_{121}^{(10)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(22)}m_{031}^{(00)}\\
&-2m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{211}^{(21)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{121}^{(20)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{112}^{(10)}\\
&-2m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{022}^{(00)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{220}^{(21)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{130}^{(20)}\\
&-2m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{121}^{(10)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{031}^{(00)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{301}^{(21)}\\
&+2m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{211}^{(20)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{202}^{(10)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{112}^{(00)}\\
&+2m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{310}^{(21)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{220}^{(20)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{211}^{(10)}\\
&+2m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{121}^{(00)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{301}^{(21)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{211}^{(20)}\\
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&+2m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{220}^{(20)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{211}^{(10)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{121}^{(00)}\\
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&+m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(22)}m_{220}^{(11)} - 2m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(22)}m_{130}^{(10)} + m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(22)}m_{040}^{(00)}\\
&+m_{000}^{(00)}m_{001}^{(22)}m_{101}^{(11)}m_{211}^{(11)} - 2m_{000}^{(00)}m_{001}^{(22)}m_{101}^{(11)}m_{121}^{(10)} + m_{000}^{(00)}m_{001}^{(22)}m_{101}^{(11)}m_{031}^{(00)}\\
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&+m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(21)}m_{310}^{(11)} - 2m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(21)}m_{220}^{(10)} + m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(21)}m_{130}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(00)}m_{110}^{(21)}m_{022}^{(22)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{110}^{(21)}m_{013}^{(21)} + m_{000}^{(10)}m_{100}^{(00)}m_{110}^{(21)}m_{004}^{(11)}\\
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&-m_{000}^{(10)}m_{100}^{(00)}m_{101}^{(21)}m_{031}^{(22)} + 2m_{000}^{(10)}m_{100}^{(00)}m_{101}^{(21)}m_{022}^{(21)} - m_{000}^{(10)}m_{100}^{(00)}m_{101}^{(21)}m_{013}^{(11)}\\
&+m_{000}^{(10)}m_{100}^{(00)}m_{101}^{(22)}m_{040}^{(22)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{101}^{(22)}m_{031}^{(21)} + m_{000}^{(10)}m_{100}^{(00)}m_{101}^{(22)}m_{022}^{(11)}\\
&+m_{000}^{(10)}m_{100}^{(00)}m_{020}^{(20)}m_{022}^{(22)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{020}^{(20)}m_{013}^{(21)} + m_{000}^{(10)}m_{100}^{(00)}m_{020}^{(20)}m_{004}^{(11)}\\
&-m_{000}^{(10)}m_{100}^{(00)}m_{020}^{(22)}m_{121}^{(22)} + 2m_{000}^{(10)}m_{100}^{(00)}m_{020}^{(22)}m_{112}^{(21)} - m_{000}^{(10)}m_{100}^{(00)}m_{020}^{(22)}m_{103}^{(11)}\\
&-2m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(10)}m_{022}^{(22)} + 4m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(10)}m_{013}^{(21)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(10)}m_{004}^{(11)}\\
&+m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(21)}m_{121}^{(22)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(21)}m_{112}^{(21)} + m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(21)}m_{103}^{(11)}\\
&+m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(22)}m_{130}^{(22)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(22)}m_{121}^{(21)} + m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(22)}m_{112}^{(11)}\\
&+2m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(10)}m_{031}^{(22)} - 4m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(10)}m_{022}^{(21)} + 2m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(10)}m_{013}^{(11)}\\
&-m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(20)}m_{040}^{(22)} + 2m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(20)}m_{031}^{(21)} - m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(20)}m_{022}^{(11)}\\
&-m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(21)}m_{130}^{(22)} + 2m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(21)}m_{121}^{(21)} - m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(21)}m_{112}^{(11)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(21)}m_{112}^{(22)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(21)}m_{103}^{(21)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(21)}m_{013}^{(20)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(21)}m_{004}^{(10)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(22)}m_{121}^{(22)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(22)}m_{112}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(22)}m_{022}^{(20)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(22)}m_{013}^{(10)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(21)}m_{121}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(21)}m_{112}^{(21)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(21)}m_{022}^{(20)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(21)}m_{013}^{(10)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(22)}m_{130}^{(22)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(22)}m_{121}^{(21)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(22)}m_{031}^{(20)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(22)}m_{022}^{(10)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(20)}m_{112}^{(22)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(20)}m_{103}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(20)}m_{013}^{(20)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(20)}m_{004}^{(10)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(22)}m_{211}^{(22)}
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&-2m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(22)}m_{202}^{(21)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(22)}m_{112}^{(20)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(22)}m_{103}^{(10)}\\
&+4m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(10)}m_{112}^{(22)} - 4m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(21)}m_{103}^{(20)} - 4m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(10)}m_{013}^{(20)}\\
&+4m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(10)}m_{004}^{(10)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(21)}m_{211}^{(22)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(21)}m_{202}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(21)}m_{112}^{(20)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(21)}m_{103}^{(10)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(22)}m_{220}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(22)}m_{211}^{(21)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(22)}m_{121}^{(20)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(22)}m_{112}^{(10)}\\
&-4m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(10)}m_{121}^{(22)} + 4m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(10)}m_{112}^{(21)} + 4m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(10)}m_{022}^{(20)}\\
&-4m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(10)}m_{013}^{(10)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(20)}m_{130}^{(22)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(20)}m_{121}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(20)}m_{031}^{(20)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(20)}m_{022}^{(10)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(21)}m_{220}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(21)}m_{211}^{(21)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(21)}m_{121}^{(20)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(21)}m_{112}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(21)}m_{202}^{(22)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(21)}m_{103}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(21)}m_{004}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(22)}m_{211}^{(22)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(22)}m_{112}^{(20)} - m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(22)}m_{013}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(21)}m_{211}^{(22)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(21)}m_{112}^{(20)} - m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(21)}m_{013}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(22)}m_{220}^{(22)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(22)}m_{121}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(22)}m_{022}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{020}^{(20)}m_{202}^{(22)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{020}^{(20)}m_{103}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{020}^{(20)}m_{004}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{020}^{(22)}m_{301}^{(22)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{020}^{(22)}m_{202}^{(20)} - m_{000}^{(10)}m_{100}^{(11)}m_{020}^{(22)}m_{103}^{(00)}\\
&-2m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(10)}m_{202}^{(22)} + 4m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(10)}m_{103}^{(20)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(10)}m_{004}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(21)}m_{301}^{(22)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(21)}m_{202}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(21)}m_{103}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(22)}m_{310}^{(22)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(22)}m_{211}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(22)}m_{112}^{(00)}\\
&+2m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(10)}m_{211}^{(22)} - 4m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(10)}m_{112}^{(20)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(10)}m_{013}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(20)}m_{220}^{(22)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(20)}m_{121}^{(20)} - m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(20)}m_{022}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(21)}m_{310}^{(22)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(21)}m_{211}^{(20)} - m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(21)}m_{112}^{(00)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{112}^{(21)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{103}^{(11)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{022}^{(20)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{013}^{(10)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(22)}m_{121}^{(21)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(22)}m_{112}^{(11)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(22)}m_{031}^{(20)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(22)}m_{022}^{(10)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{121}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{112}^{(11)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{031}^{(20)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{022}^{(10)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(22)}m_{130}^{(21)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(22)}m_{121}^{(11)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(22)}m_{040}^{(20)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(22)}m_{031}^{(10)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(21)}m_{112}^{(20)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(20)}m_{103}^{(11)}\\
&-2m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(20)}m_{022}^{(20)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(20)}m_{013}^{(10)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(22)}m_{211}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(22)}m_{202}^{(11)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(22)}m_{121}^{(20)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(22)}m_{112}^{(10)}\\
&-4m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(10)}m_{112}^{(21)} + 4m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(10)}m_{103}^{(11)} + 4m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(10)}m_{022}^{(20)}\\
&-4m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(10)}m_{013}^{(10)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{211}^{(21)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{202}^{(11)}\\
&-2m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{121}^{(20)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{112}^{(10)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(22)}m_{220}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(22)}m_{211}^{(11)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(22)}m_{130}^{(20)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(22)}m_{121}^{(10)}\\
&+4m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(10)}m_{121}^{(21)} - 4m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(10)}m_{112}^{(11)} - 4m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(10)}m_{031}^{(20)}\\
&+4m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(10)}m_{022}^{(10)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(20)}m_{130}^{(21)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(20)}m_{121}^{(11)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(20)}m_{040}^{(20)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(20)}m_{031}^{(10)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(21)}m_{220}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(21)}m_{211}^{(11)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(21)}m_{130}^{(20)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(21)}m_{121}^{(10)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{202}^{(21)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{112}^{(20)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{103}^{(10)}
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&-2m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(22)}m_{112}^{(10)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(22)}m_{022}^{(00)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{211}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{121}^{(20)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{112}^{(10)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{022}^{(00)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(22)}m_{220}^{(21)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(22)}m_{130}^{(20)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(22)}m_{121}^{(10)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(22)}m_{031}^{(00)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(20)}m_{202}^{(21)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(20)}m_{112}^{(20)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(20)}m_{103}^{(10)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(20)}m_{013}^{(00)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(22)}m_{301}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(22)}m_{211}^{(20)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(22)}m_{202}^{(10)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(22)}m_{112}^{(00)}\\
&+4m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{202}^{(21)} - 4m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{112}^{(20)} - 4m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{103}^{(10)}\\
&+4m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{013}^{(00)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{301}^{(21)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{211}^{(20)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{202}^{(10)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{112}^{(00)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(22)}m_{310}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(22)}m_{220}^{(20)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(22)}m_{211}^{(10)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(22)}m_{121}^{(00)}\\
&-4m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{211}^{(21)} + 4m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{121}^{(20)} + 4m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{112}^{(10)}\\
&-4m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{022}^{(00)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(20)}m_{220}^{(21)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(20)}m_{130}^{(20)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(20)}m_{121}^{(10)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(20)}m_{031}^{(00)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(21)}m_{310}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(21)}m_{220}^{(20)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(21)}m_{211}^{(10)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(21)}m_{121}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{202}^{(11)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{112}^{(10)} + m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{022}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(22)}m_{211}^{(11)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(22)}m_{121}^{(10)} - m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(22)}m_{031}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(21)}m_{211}^{(11)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(21)}m_{121}^{(10)} - m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(21)}m_{031}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(22)}m_{220}^{(11)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(22)}m_{130}^{(10)} + m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(22)}m_{040}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(20)}m_{202}^{(11)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(20)}m_{112}^{(10)} + m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(20)}m_{022}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(22)}m_{301}^{(11)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(22)}m_{211}^{(10)} - m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(22)}m_{121}^{(00)}\\
&-2m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(10)}m_{202}^{(11)} + 4m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(10)}m_{112}^{(10)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(10)}m_{022}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(21)}m_{301}^{(11)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(21)}m_{211}^{(10)} + m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(21)}m_{121}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(22)}m_{310}^{(11)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(22)}m_{220}^{(10)} + m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(22)}m_{130}^{(00)}\\
&+2m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(10)}m_{211}^{(11)} - 4m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(10)}m_{121}^{(10)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(10)}m_{031}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(20)}m_{220}^{(11)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(20)}m_{130}^{(10)} - m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(20)}m_{040}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(21)}m_{310}^{(11)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(21)}m_{220}^{(10)} - m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(21)}m_{130}^{(00)}\\
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&+m_{000}^{(10)}m_{010}^{(00)}m_{200}^{(22)}m_{031}^{(22)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{200}^{(22)}m_{022}^{(21)} + m_{000}^{(10)}m_{010}^{(00)}m_{200}^{(22)}m_{013}^{(11)}\\
&-m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(20)}m_{022}^{(22)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(20)}m_{013}^{(21)} - m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(20)}m_{004}^{(11)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(22)}m_{121}^{(22)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(22)}m_{112}^{(21)} + m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(22)}m_{103}^{(11)}\\
&+2m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(10)}m_{022}^{(22)} - 4m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(10)}m_{013}^{(21)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(10)}m_{004}^{(11)}\\
&-m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(20)}m_{031}^{(22)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(20)}m_{022}^{(21)} - m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(20)}m_{013}^{(11)}\\
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&+m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(20)}m_{121}^{(22)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(20)}m_{112}^{(21)} + m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(20)}m_{103}^{(11)}\\
&-m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(22)}m_{220}^{(22)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(22)}m_{211}^{(21)} - m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(22)}m_{202}^{(11)}\\
&-2m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(10)}m_{121}^{(22)} + 4m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(10)}m_{112}^{(21)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(10)}m_{103}^{(11)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(20)}m_{130}^{(22)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(20)}m_{121}^{(21)} + m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(20)}m_{112}^{(11)}
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&+2m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(21)}m_{112}^{(22)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(21)}m_{103}^{(21)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(21)}m_{013}^{(20)} \\
&+2m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(21)}m_{004}^{(10)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(22)}m_{121}^{(22)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(22)}m_{112}^{(21)} \\
&+2m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(22)}m_{022}^{(20)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(22)}m_{013}^{(10)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(20)}m_{112}^{(22)} \\
&-2m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(20)}m_{103}^{(21)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(20)}m_{013}^{(20)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(20)}m_{004}^{(10)} \\
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&-2m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(22)}m_{103}^{(10)} - 4m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(10)}m_{112}^{(22)} + 4m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(10)}m_{103}^{(21)} \\
&+4m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(10)}m_{013}^{(20)} - 4m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(10)}m_{004}^{(10)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(20)}m_{121}^{(22)} \\
&-2m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(20)}m_{112}^{(21)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(20)}m_{022}^{(20)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(20)}m_{013}^{(10)} \\
&+2m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{220}^{(22)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{211}^{(21)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{121}^{(20)} \\
&+2m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{112}^{(10)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(20)}m_{211}^{(22)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(20)}m_{202}^{(21)} \\
&+2m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(20)}m_{112}^{(20)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(20)}m_{103}^{(10)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(22)}m_{310}^{(22)} \\
&-2m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(22)}m_{301}^{(21)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(22)}m_{211}^{(20)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(22)}m_{202}^{(10)} \\
&+4m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(10)}m_{211}^{(22)} - 4m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(10)}m_{202}^{(21)} - 4m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(10)}m_{112}^{(20)} \\
&+4m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(10)}m_{103}^{(10)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(20)}m_{220}^{(22)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(20)}m_{211}^{(21)} \\
&+2m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(20)}m_{121}^{(20)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(20)}m_{112}^{(10)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(21)}m_{310}^{(22)} \\
&+2m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(21)}m_{301}^{(21)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(21)}m_{211}^{(20)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(21)}m_{202}^{(10)} \\
&-m_{000}^{(10)}m_{010}^{(11)}m_{200}^{(21)}m_{202}^{(22)} + 2m_{000}^{(10)}m_{010}^{(11)}m_{200}^{(21)}m_{103}^{(20)} - m_{000}^{(10)}m_{010}^{(11)}m_{200}^{(21)}m_{004}^{(00)} \\
&+m_{000}^{(10)}m_{010}^{(11)}m_{200}^{(22)}m_{211}^{(22)} - 2m_{000}^{(10)}m_{010}^{(11)}m_{200}^{(22)}m_{112}^{(20)} + m_{000}^{(10)}m_{010}^{(11)}m_{200}^{(22)}m_{013}^{(00)} \\
&-m_{000}^{(10)}m_{010}^{(11)}m_{110}^{(20)}m_{202}^{(22)} + 2m_{000}^{(10)}m_{010}^{(11)}m_{110}^{(20)}m_{103}^{(20)} - m_{000}^{(10)}m_{010}^{(11)}m_{110}^{(20)}m_{004}^{(00)} \\
&+m_{000}^{(10)}m_{010}^{(11)}m_{110}^{(22)}m_{301}^{(22)} - 2m_{000}^{(10)}m_{010}^{(11)}m_{110}^{(22)}m_{202}^{(20)} + m_{000}^{(10)}m_{010}^{(11)}m_{110}^{(22)}m_{103}^{(00)} \\
&+2m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(10)}m_{202}^{(22)} - 4m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(10)}m_{103}^{(20)} + 2m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(10)}m_{004}^{(00)} \\
&-m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{211}^{(22)} + 2m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{112}^{(20)} - m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{013}^{(00)} \\
&-m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(22)}m_{310}^{(22)} + 2m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(22)}m_{211}^{(20)} - m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(22)}m_{112}^{(00)} \\
&+m_{000}^{(10)}m_{010}^{(11)}m_{011}^{(20)}m_{301}^{(22)} - 2m_{000}^{(10)}m_{010}^{(11)}m_{011}^{(20)}m_{202}^{(20)} + m_{000}^{(10)}m_{010}^{(11)}m_{011}^{(20)}m_{103}^{(00)} \\
&-m_{000}^{(10)}m_{010}^{(11)}m_{011}^{(22)}m_{400}^{(22)} + 2m_{000}^{(10)}m_{010}^{(11)}m_{011}^{(22)}m_{301}^{(20)} - m_{000}^{(10)}m_{010}^{(11)}m_{011}^{(22)}m_{202}^{(00)} \\
&-2m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(10)}m_{301}^{(22)} + 4m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(10)}m_{202}^{(20)} - 2m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(10)}m_{103}^{(00)} \\
&+m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(20)}m_{310}^{(22)} - 2m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(20)}m_{211}^{(20)} + m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(20)}m_{112}^{(00)} \\
&+m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(21)}m_{400}^{(22)} - 2m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(21)}m_{301}^{(20)} + m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(21)}m_{202}^{(00)} \\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{112}^{(21)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{103}^{(11)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{022}^{(20)} \\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{013}^{(10)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(22)}m_{121}^{(21)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(22)}m_{112}^{(11)} \\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(22)}m_{031}^{(20)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(22)}m_{022}^{(10)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{112}^{(21)} \\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{103}^{(11)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{022}^{(20)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{013}^{(10)} \\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{211}^{(21)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{202}^{(11)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{121}^{(20)} \\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{112}^{(10)} + 4m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{112}^{(21)} - 4m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{103}^{(11)} \\
&-4m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{022}^{(20)} + 4m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{013}^{(10)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(20)}m_{121}^{(21)} \\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(20)}m_{112}^{(11)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(20)}m_{031}^{(20)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(20)}m_{022}^{(10)} \\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{220}^{(21)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{211}^{(11)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{130}^{(20)}
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&-2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{121}^{(10)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{211}^{(21)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{202}^{(11)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{121}^{(20)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{112}^{(10)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{310}^{(21)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{301}^{(11)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{220}^{(20)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{211}^{(10)}\\
&-4m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{211}^{(21)} + 4m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{202}^{(11)} + 4m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{121}^{(20)}\\
&-4m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{112}^{(10)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{220}^{(21)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{211}^{(11)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{130}^{(20)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{121}^{(10)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{310}^{(21)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{301}^{(11)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{220}^{(20)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{211}^{(10)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{202}^{(21)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{112}^{(20)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{103}^{(10)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{013}^{(00)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{211}^{(21)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{121}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{112}^{(10)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{022}^{(00)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{202}^{(21)}\\
&-2m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{112}^{(20)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{103}^{(10)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{013}^{(00)}\\
&-2m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{301}^{(21)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{211}^{(20)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{202}^{(10)}\\
&-2m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{112}^{(00)} - 4m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{202}^{(21)} + 4m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{112}^{(20)}\\
&+4m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{103}^{(10)} - 4m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{013}^{(00)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{211}^{(21)}\\
&-2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{121}^{(20)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{112}^{(10)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{022}^{(00)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{310}^{(21)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{220}^{(20)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{211}^{(10)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{121}^{(00)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{301}^{(21)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{211}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{202}^{(10)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{112}^{(00)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(22)}m_{400}^{(21)}\\
&-2m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(22)}m_{310}^{(20)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(22)}m_{301}^{(10)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(22)}m_{211}^{(00)}\\
&+4m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{301}^{(21)} - 4m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{211}^{(20)} - 4m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{202}^{(10)}\\
&+4m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{112}^{(00)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{310}^{(21)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{220}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{211}^{(10)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{121}^{(00)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{400}^{(21)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{310}^{(20)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{301}^{(10)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{211}^{(00)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(21)}m_{202}^{(11)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(21)}m_{112}^{(10)} - m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(21)}m_{022}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(22)}m_{211}^{(11)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(22)}m_{121}^{(10)} + m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(22)}m_{031}^{(00)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{202}^{(11)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{112}^{(10)} - m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{022}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(22)}m_{301}^{(11)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(22)}m_{211}^{(10)} + m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(22)}m_{121}^{(00)}\\
&+2m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{202}^{(11)} - 4m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{112}^{(10)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{022}^{(00)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{211}^{(11)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{121}^{(10)} - m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{031}^{(00)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(22)}m_{310}^{(11)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(22)}m_{220}^{(10)} - m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(22)}m_{130}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{301}^{(11)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{211}^{(10)} + m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{121}^{(00)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(22)}m_{400}^{(11)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(22)}m_{310}^{(10)} - m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(22)}m_{220}^{(00)}\\
&-2m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(10)}m_{301}^{(11)} + 4m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(10)}m_{211}^{(10)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(10)}m_{121}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(20)}m_{310}^{(11)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(20)}m_{220}^{(10)} + m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(20)}m_{130}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(21)}m_{400}^{(11)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(21)}m_{310}^{(10)} + m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(21)}m_{220}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{200}^{(21)}m_{031}^{(22)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{200}^{(21)}m_{022}^{(21)} + m_{000}^{(10)}m_{001}^{(00)}m_{200}^{(21)}m_{013}^{(11)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{200}^{(22)}m_{040}^{(22)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{200}^{(22)}m_{031}^{(21)} - m_{000}^{(10)}m_{001}^{(00)}m_{200}^{(22)}m_{022}^{(11)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(20)}m_{031}^{(22)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(20)}m_{022}^{(21)} + m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(20)}m_{013}^{(11)}
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&-m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{121}^{(22)}+2m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{112}^{(21)}-m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{103}^{(11)}\\
&-2m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(10)}m_{031}^{(22)}+4m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(10)}m_{022}^{(21)}-2m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(10)}m_{013}^{(11)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(20)}m_{040}^{(22)}-2m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(20)}m_{031}^{(21)}+m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(20)}m_{022}^{(11)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{130}^{(22)}-2m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{121}^{(21)}+m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{112}^{(11)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(20)}m_{121}^{(22)}+2m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(20)}m_{112}^{(21)}-m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(20)}m_{103}^{(11)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(22)}m_{220}^{(22)}-2m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(22)}m_{211}^{(21)}+m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(22)}m_{202}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{121}^{(22)}-4m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{112}^{(21)}+2m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{103}^{(11)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{130}^{(22)}+2m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{121}^{(21)}-m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{112}^{(11)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{220}^{(22)}+2m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{211}^{(21)}-m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{202}^{(11)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{121}^{(22)}+2m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{112}^{(21)}+2m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{022}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{013}^{(10)}+2m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(22)}m_{130}^{(22)}-2m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(22)}m_{121}^{(21)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(22)}m_{031}^{(20)}+2m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(22)}m_{022}^{(10)}-2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{121}^{(22)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{112}^{(21)}+2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{022}^{(20)}-2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{013}^{(10)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{211}^{(22)}-2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{202}^{(21)}-2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{112}^{(20)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{103}^{(10)}+4m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{121}^{(22)}-4m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{112}^{(21)}\\
&-4m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{022}^{(20)}+4m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{013}^{(10)}-2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{130}^{(22)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{121}^{(21)}+2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{031}^{(20)}-2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{022}^{(10)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{220}^{(22)}+2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{211}^{(21)}+2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{121}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{112}^{(10)}+2m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{211}^{(22)}-2m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{202}^{(21)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{112}^{(20)}+2m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{103}^{(10)}-2m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(22)}m_{310}^{(22)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(22)}m_{301}^{(21)}+2m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(22)}m_{211}^{(20)}-2m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(22)}m_{202}^{(10)}\\
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&-4m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{103}^{(10)}+2m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{220}^{(22)}-2m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{211}^{(21)}\\
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&+m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{211}^{(22)}-2m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{112}^{(20)}+m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{013}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{220}^{(22)}+2m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{121}^{(20)}-m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{022}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{211}^{(22)}-2m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{112}^{(20)}+m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{013}^{(00)}\\
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&+m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{310}^{(22)}-2m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{211}^{(20)}+m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{112}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{020}^{(20)}m_{301}^{(22)}+2m_{000}^{(10)}m_{001}^{(11)}m_{020}^{(20)}m_{202}^{(20)}-m_{000}^{(10)}m_{001}^{(11)}m_{020}^{(20)}m_{103}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{020}^{(22)}m_{400}^{(22)}-2m_{000}^{(10)}m_{001}^{(11)}m_{020}^{(22)}m_{301}^{(20)}+m_{000}^{(10)}m_{001}^{(11)}m_{020}^{(22)}m_{202}^{(00)}\\
&+2m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(10)}m_{301}^{(22)}-4m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(10)}m_{202}^{(20)}+2m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(10)}m_{103}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{310}^{(22)}+2m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{211}^{(20)}-m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{112}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(21)}m_{400}^{(22)}+2m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(21)}m_{301}^{(20)}-m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(21)}m_{202}^{(00)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{121}^{(21)}-2m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{112}^{(11)}-2m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{031}^{(20)}
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&+2m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{022}^{(10)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(22)}m_{130}^{(21)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(22)}m_{121}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(22)}m_{040}^{(20)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(22)}m_{031}^{(10)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{121}^{(21)}\\
&-2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{112}^{(11)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{031}^{(20)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{022}^{(10)}\\
&-2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{211}^{(21)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{202}^{(11)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{121}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{112}^{(10)} - 4m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{121}^{(21)} + 4m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{112}^{(11)}\\
&+4m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{031}^{(20)} - 4m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{022}^{(10)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{130}^{(21)}\\
&-2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{121}^{(11)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{040}^{(20)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{031}^{(10)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{220}^{(21)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{211}^{(11)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{130}^{(20)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{121}^{(10)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{211}^{(21)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{202}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{121}^{(20)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{112}^{(10)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(22)}m_{310}^{(21)}\\
&-2m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(22)}m_{301}^{(11)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(22)}m_{220}^{(20)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(22)}m_{211}^{(10)}\\
&+4m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{211}^{(21)} - 4m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{202}^{(11)} - 4m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{121}^{(20)}\\
&+4m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{112}^{(10)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{220}^{(21)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{211}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{130}^{(20)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{121}^{(10)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{310}^{(21)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{301}^{(11)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{220}^{(20)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{211}^{(10)}\\
&-2m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{211}^{(21)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{121}^{(20)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{112}^{(10)}\\
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&-2m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(22)}m_{121}^{(10)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(22)}m_{031}^{(00)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{211}^{(21)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{121}^{(20)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{112}^{(10)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{022}^{(00)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{301}^{(21)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{211}^{(20)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{202}^{(10)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{112}^{(00)} + 4m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{211}^{(21)} - 4m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{121}^{(20)}\\
&-4m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{112}^{(10)} + 4m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{022}^{(00)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{220}^{(21)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{130}^{(20)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{121}^{(10)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{031}^{(00)}\\
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&-2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{121}^{(00)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{301}^{(21)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{211}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{202}^{(10)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{112}^{(00)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(22)}m_{400}^{(21)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(22)}m_{310}^{(20)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(22)}m_{301}^{(10)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(22)}m_{211}^{(00)}\\
&-4m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{301}^{(21)} + 4m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{211}^{(20)} + 4m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{202}^{(10)}\\
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&-2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{310}^{(20)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{301}^{(10)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{211}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{211}^{(11)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{121}^{(10)} + m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{031}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(22)}m_{220}^{(11)} + 2m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(22)}m_{130}^{(10)} - m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(22)}m_{040}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{211}^{(11)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{121}^{(10)} + m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{031}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{301}^{(11)} + 2m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{211}^{(10)} - m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{121}^{(00)}\\
&-2m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(10)}m_{211}^{(11)} + 4m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(10)}m_{121}^{(10)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(10)}m_{031}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(20)}m_{220}^{(11)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(20)}m_{130}^{(10)} + m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(20)}m_{040}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(21)}m_{310}^{(11)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(21)}m_{220}^{(10)} + m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(21)}m_{130}^{(00)}
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&-m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{301}^{(11)} + 2m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{211}^{(10)} - m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{121}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(22)}m_{400}^{(11)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(22)}m_{310}^{(10)} + m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(22)}m_{220}^{(00)}\\
&+2m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(10)}m_{301}^{(11)} - 4m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(10)}m_{211}^{(10)} + 2m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(10)}m_{121}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(20)}m_{310}^{(11)} + 2m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(20)}m_{220}^{(10)} - m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(20)}m_{130}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(21)}m_{400}^{(11)} + 2m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(21)}m_{310}^{(10)} - m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(21)}m_{220}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{110}^{(20)}m_{022}^{(22)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{110}^{(20)}m_{013}^{(21)} - m_{000}^{(11)}m_{100}^{(00)}m_{110}^{(20)}m_{004}^{(11)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{110}^{(22)}m_{121}^{(22)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{110}^{(22)}m_{112}^{(21)} + m_{000}^{(11)}m_{100}^{(00)}m_{110}^{(22)}m_{103}^{(11)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(20)}m_{031}^{(22)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(20)}m_{022}^{(21)} + m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(20)}m_{013}^{(11)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(22)}m_{130}^{(22)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(22)}m_{121}^{(21)} - m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(22)}m_{112}^{(11)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(00)}m_{022}^{(22)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(00)}m_{013}^{(21)} + m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(00)}m_{004}^{(11)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(20)}m_{121}^{(22)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(20)}m_{112}^{(21)} - m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(20)}m_{103}^{(11)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(00)}m_{031}^{(22)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(00)}m_{022}^{(21)} - m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(00)}m_{013}^{(11)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(20)}m_{130}^{(22)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(20)}m_{121}^{(21)} + m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(20)}m_{112}^{(11)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(20)}m_{112}^{(22)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(20)}m_{103}^{(21)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(20)}m_{013}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(20)}m_{004}^{(10)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(22)}m_{211}^{(22)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(22)}m_{202}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(22)}m_{112}^{(20)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(22)}m_{103}^{(10)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(20)}m_{121}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(20)}m_{112}^{(21)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(20)}m_{022}^{(20)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(20)}m_{013}^{(10)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(22)}m_{220}^{(22)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(22)}m_{211}^{(21)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(22)}m_{121}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(22)}m_{112}^{(10)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(00)}m_{112}^{(22)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(00)}m_{103}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(00)}m_{013}^{(20)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(00)}m_{004}^{(10)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(20)}m_{211}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(20)}m_{202}^{(21)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(20)}m_{112}^{(20)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(20)}m_{103}^{(10)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(00)}m_{121}^{(22)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(00)}m_{112}^{(21)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(00)}m_{022}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(00)}m_{013}^{(10)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(20)}m_{220}^{(22)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(20)}m_{211}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(20)}m_{121}^{(20)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(20)}m_{112}^{(10)} - m_{000}^{(11)}m_{100}^{(11)}m_{110}^{(20)}m_{202}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(11)}m_{110}^{(20)}m_{103}^{(20)} - m_{000}^{(11)}m_{100}^{(11)}m_{110}^{(20)}m_{004}^{(00)} + m_{000}^{(11)}m_{100}^{(11)}m_{110}^{(22)}m_{301}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(11)}m_{110}^{(22)}m_{202}^{(20)} + m_{000}^{(11)}m_{100}^{(11)}m_{110}^{(22)}m_{103}^{(00)} + m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(20)}m_{211}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(20)}m_{112}^{(20)} + m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(20)}m_{013}^{(00)} - m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(22)}m_{310}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(22)}m_{211}^{(20)} - m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(22)}m_{112}^{(00)} + m_{000}^{(11)}m_{100}^{(11)}m_{011}^{(00)}m_{202}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(11)}m_{011}^{(00)}m_{103}^{(20)} + m_{000}^{(11)}m_{100}^{(11)}m_{011}^{(00)}m_{004}^{(00)} - m_{000}^{(11)}m_{100}^{(11)}m_{011}^{(20)}m_{301}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(11)}m_{011}^{(20)}m_{202}^{(20)} - m_{000}^{(11)}m_{100}^{(11)}m_{011}^{(20)}m_{103}^{(00)} - m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(00)}m_{211}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(00)}m_{112}^{(20)} - m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(00)}m_{013}^{(00)} + m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(20)}m_{310}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(20)}m_{211}^{(20)} + m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(20)}m_{112}^{(00)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(20)}m_{112}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(20)}m_{103}^{(11)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(20)}m_{022}^{(20)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(20)}m_{013}^{(10)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(22)}m_{211}^{(21)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(22)}m_{202}^{(11)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(22)}m_{121}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(22)}m_{112}^{(10)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(20)}m_{121}^{(21)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(20)}m_{112}^{(11)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(20)}m_{031}^{(20)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(20)}m_{022}^{(10)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(22)}m_{220}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(22)}m_{211}^{(11)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(22)}m_{130}^{(20)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(22)}m_{121}^{(10)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(00)}m_{112}^{(21)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(00)}m_{103}^{(11)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(00)}m_{022}^{(20)}
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&+2m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(00)}m_{013}^{(10)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{211}^{(21)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{202}^{(11)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{121}^{(20)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{112}^{(10)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(00)}m_{121}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(00)}m_{112}^{(11)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(00)}m_{031}^{(20)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(00)}m_{022}^{(10)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(20)}m_{220}^{(21)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(20)}m_{211}^{(11)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(20)}m_{130}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(20)}m_{121}^{(10)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(20)}m_{202}^{(21)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(20)}m_{112}^{(20)}\\
&-2m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(20)}m_{103}^{(10)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(20)}m_{013}^{(00)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(22)}m_{301}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(22)}m_{211}^{(20)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(22)}m_{202}^{(10)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(22)}m_{112}^{(00)}\\
&-2m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{211}^{(21)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{121}^{(20)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{112}^{(10)}\\
&-2m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{022}^{(00)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(22)}m_{310}^{(21)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(22)}m_{220}^{(20)}\\
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&+2m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(00)}m_{112}^{(20)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(00)}m_{103}^{(10)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(00)}m_{013}^{(00)}\\
&+2m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(20)}m_{301}^{(21)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(20)}m_{211}^{(20)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(20)}m_{202}^{(10)}\\
&+2m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(20)}m_{112}^{(00)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(00)}m_{211}^{(21)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(00)}m_{121}^{(20)}\\
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&+m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(22)}m_{301}^{(11)} - 2m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(22)}m_{211}^{(10)} + m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(22)}m_{121}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(20)}m_{211}^{(11)} - 2m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(20)}m_{121}^{(10)} + m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(20)}m_{031}^{(00)}\\
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&+m_{000}^{(11)}m_{010}^{(00)}m_{200}^{(20)}m_{022}^{(22)} - 2m_{000}^{(11)}m_{010}^{(00)}m_{200}^{(20)}m_{013}^{(21)} + m_{000}^{(11)}m_{010}^{(00)}m_{200}^{(20)}m_{004}^{(11)}\\
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&-2m_{000}^{(11)}m_{010}^{(10)}m_{200}^{(20)}m_{004}^{(10)} + 2m_{000}^{(11)}m_{010}^{(10)}m_{200}^{(22)}m_{211}^{(22)} - 2m_{000}^{(11)}m_{010}^{(10)}m_{200}^{(22)}m_{202}^{(21)}\\
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&+2m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(00)}m_{112}^{(20)} - 2m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(00)}m_{103}^{(10)} + 2m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(20)}m_{310}^{(22)}\\
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&+m_{000}^{(11)}m_{010}^{(11)}m_{200}^{(20)}m_{202}^{(22)} - 2m_{000}^{(11)}m_{010}^{(11)}m_{200}^{(20)}m_{103}^{(20)} + m_{000}^{(11)}m_{010}^{(11)}m_{200}^{(20)}m_{004}^{(00)}
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&-m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(22)}m_{220}^{(22)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(22)}m_{211}^{(21)} - m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(22)}m_{202}^{(11)}\\
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&+2m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{121}^{(22)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{112}^{(21)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{022}^{(20)}\\
&+2m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{013}^{(10)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{220}^{(22)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{211}^{(21)}\\
&+2m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{121}^{(20)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{112}^{(10)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{211}^{(22)}
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&+2m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(22)}m_{310}^{(22)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(22)}m_{301}^{(21)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(22)}m_{211}^{(20)}\\
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&+2m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(00)}m_{022}^{(20)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(00)}m_{013}^{(10)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{220}^{(22)}\\
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&+2m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(00)}m_{103}^{(10)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{310}^{(22)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{301}^{(21)}\\
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&+2m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(22)}m_{220}^{(21)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(22)}m_{211}^{(11)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(22)}m_{130}^{(20)}\\
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&-m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(22)}m_{400}^{(11)} + 2m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(22)}m_{310}^{(10)} - m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(22)}m_{220}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(00)}m_{211}^{(11)} - 2m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(00)}m_{121}^{(10)} + m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(00)}m_{031}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(20)}m_{310}^{(11)} + 2m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(20)}m_{220}^{(10)} - m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(20)}m_{130}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(00)}m_{301}^{(11)} + 2m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(00)}m_{211}^{(10)} - m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(00)}m_{121}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(20)}m_{400}^{(11)} - 2m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(20)}m_{310}^{(10)} + m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(20)}m_{220}^{(00)}\\
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&+m_{000}^{(20)}m_{100}^{(00)}m_{110}^{(21)}m_{031}^{(22)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{110}^{(21)}m_{022}^{(21)} + m_{000}^{(20)}m_{100}^{(00)}m_{110}^{(21)}m_{013}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{101}^{(11)}m_{031}^{(22)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{101}^{(11)}m_{022}^{(21)} + m_{000}^{(20)}m_{100}^{(00)}m_{101}^{(11)}m_{013}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(00)}m_{101}^{(21)}m_{040}^{(22)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{101}^{(21)}m_{031}^{(21)} - m_{000}^{(20)}m_{100}^{(00)}m_{101}^{(21)}m_{022}^{(11)}\\
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&+2m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(20)}m_{040}^{(22)} - 4m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(20)}m_{031}^{(21)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(20)}m_{022}^{(11)}\\
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&+4m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(20)}m_{121}^{(21)} + 4m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(20)}m_{031}^{(20)} - 4m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(20)}m_{022}^{(10)}\\
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&+2m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(10)}m_{040}^{(20)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(10)}m_{031}^{(10)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(11)}m_{220}^{(21)}\\
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&+2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(11)}m_{202}^{(21)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(11)}m_{112}^{(20)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(11)}m_{103}^{(10)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(11)}m_{013}^{(00)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{211}^{(21)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{121}^{(20)}\\
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&+2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{220}^{(21)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{130}^{(20)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{121}^{(10)}\\
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&+2m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(10)}m_{103}^{(10)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(10)}m_{013}^{(00)} + 4m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{211}^{(21)}\\
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&+2m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(11)}m_{220}^{(20)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(11)}m_{211}^{(10)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(11)}m_{121}^{(00)}\\
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&+m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(10)}m_{130}^{(22)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(10)}m_{121}^{(21)} + m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(10)}m_{112}^{(11)}\\
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&-2m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(11)}m_{112}^{(22)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(11)}m_{103}^{(21)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(11)}m_{013}^{(20)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(11)}m_{004}^{(10)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(21)}m_{121}^{(22)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(21)}m_{112}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(21)}m_{022}^{(20)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(21)}m_{013}^{(10)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(10)}m_{112}^{(22)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(10)}m_{103}^{(21)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(10)}m_{013}^{(20)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(10)}m_{004}^{(10)}\\
&-4m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(20)}m_{121}^{(22)} + 4m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(20)}m_{112}^{(21)} + 4m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(20)}m_{022}^{(20)}\\
&-4m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(20)}m_{013}^{(10)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{211}^{(22)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{202}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{112}^{(20)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{103}^{(10)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(10)}m_{121}^{(22)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(10)}m_{112}^{(21)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(10)}m_{022}^{(20)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(10)}m_{013}^{(10)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{220}^{(22)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{211}^{(21)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{121}^{(20)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{112}^{(10)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{211}^{(22)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{202}^{(21)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{112}^{(20)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{103}^{(10)} + 4m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{220}^{(22)}
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&-4m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{211}^{(21)} - 4m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{121}^{(20)} + 4m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{112}^{(10)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{310}^{(22)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{301}^{(21)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{211}^{(20)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{202}^{(10)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{220}^{(22)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{211}^{(21)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{121}^{(20)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{112}^{(10)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(11)}m_{310}^{(22)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(11)}m_{301}^{(21)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(11)}m_{211}^{(20)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(11)}m_{202}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(11)}m_{202}^{(22)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(11)}m_{103}^{(20)} + m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(11)}m_{004}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(21)}m_{211}^{(22)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(21)}m_{112}^{(20)} - m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(21)}m_{013}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(10)}m_{202}^{(22)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(10)}m_{103}^{(20)} - m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(10)}m_{004}^{(00)}\\
&+2m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(20)}m_{211}^{(22)} - 4m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(20)}m_{112}^{(20)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(20)}m_{013}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(21)}m_{301}^{(22)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(21)}m_{202}^{(20)} - m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(21)}m_{103}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(10)}m_{211}^{(22)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(10)}m_{112}^{(20)} - m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(10)}m_{013}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(21)}m_{310}^{(22)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(21)}m_{211}^{(20)} + m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(21)}m_{112}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(10)}m_{301}^{(22)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(10)}m_{202}^{(20)} + m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(10)}m_{103}^{(00)}\\
&-2m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(20)}m_{310}^{(22)} + 4m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(20)}m_{211}^{(20)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(20)}m_{112}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(21)}m_{400}^{(22)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(21)}m_{301}^{(20)} + m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(21)}m_{202}^{(00)}\\
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&-m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(11)}m_{400}^{(22)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(11)}m_{301}^{(20)} - m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(11)}m_{202}^{(00)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(11)}m_{112}^{(21)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(11)}m_{103}^{(11)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(11)}m_{022}^{(20)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(11)}m_{013}^{(10)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(21)}m_{121}^{(21)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(21)}m_{112}^{(11)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(21)}m_{031}^{(20)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(21)}m_{022}^{(10)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(10)}m_{112}^{(21)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(10)}m_{103}^{(11)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(10)}m_{022}^{(20)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(10)}m_{013}^{(10)}\\
&+4m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(20)}m_{121}^{(21)} - 4m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(20)}m_{112}^{(11)} - 4m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(20)}m_{031}^{(20)}\\
&+4m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(20)}m_{022}^{(10)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{211}^{(21)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{202}^{(11)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{121}^{(20)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{112}^{(10)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(10)}m_{121}^{(21)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(10)}m_{112}^{(11)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(10)}m_{031}^{(20)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(10)}m_{022}^{(10)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{220}^{(21)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{211}^{(11)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{130}^{(20)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{121}^{(10)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{211}^{(21)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{202}^{(11)}\\
&-2m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{121}^{(20)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{112}^{(10)} - 4m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(20)}m_{220}^{(21)}\\
&+4m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(20)}m_{211}^{(11)} + 4m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(20)}m_{130}^{(20)} - 4m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(20)}m_{121}^{(10)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{310}^{(21)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{301}^{(11)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{220}^{(20)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{211}^{(10)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(10)}m_{220}^{(21)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(10)}m_{211}^{(11)}\\
&-2m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(10)}m_{130}^{(20)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(10)}m_{121}^{(10)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(11)}m_{310}^{(21)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(11)}m_{301}^{(11)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(11)}m_{220}^{(20)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(11)}m_{211}^{(10)}\\
&-2m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(11)}m_{202}^{(21)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(11)}m_{112}^{(20)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(11)}m_{103}^{(10)}\\
&-2m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(11)}m_{013}^{(00)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{211}^{(21)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{121}^{(20)}\\
&-2m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{112}^{(10)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{022}^{(00)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{202}^{(21)}\\
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&-4m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{211}^{(21)} + 4m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{121}^{(20)} + 4m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{112}^{(10)}
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&-4m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{022}^{(00)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{301}^{(21)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{211}^{(20)}\\
&-2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{202}^{(10)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{112}^{(00)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{101}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{121}^{(20)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{112}^{(10)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{022}^{(00)}\\
&-2m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{310}^{(21)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{220}^{(20)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{211}^{(10)}\\
&-2m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{121}^{(00)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{301}^{(21)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{211}^{(20)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{202}^{(10)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{112}^{(00)} + 4m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{310}^{(21)}\\
&-4m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{220}^{(20)} - 4m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{211}^{(10)} + 4m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{121}^{(00)}\\
&-2m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{400}^{(21)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{310}^{(20)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{301}^{(10)}\\
&-2m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{211}^{(00)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(10)}m_{310}^{(21)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(10)}m_{220}^{(20)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(10)}m_{211}^{(10)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(10)}m_{121}^{(00)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(11)}m_{400}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(11)}m_{310}^{(20)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(11)}m_{301}^{(10)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(11)}m_{211}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(11)}m_{202}^{(11)} - 2m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(11)}m_{112}^{(10)} + m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(11)}m_{022}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{211}^{(11)} + 2m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{121}^{(10)} - m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{031}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{202}^{(11)} + 2m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{112}^{(10)} - m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{022}^{(00)}\\
&+2m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{211}^{(11)} - 4m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{121}^{(10)} + 2m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{031}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{301}^{(11)} + 2m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{211}^{(10)} - m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{121}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(10)}m_{211}^{(11)} + 2m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(10)}m_{121}^{(10)} - m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(10)}m_{031}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(21)}m_{310}^{(11)} - 2m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(21)}m_{220}^{(10)} + m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(21)}m_{130}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{301}^{(11)} - 2m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{211}^{(10)} + m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{121}^{(00)}\\
&-2m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(20)}m_{310}^{(11)} + 4m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(20)}m_{220}^{(10)} - 2m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(20)}m_{130}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(21)}m_{400}^{(11)} - 2m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(21)}m_{310}^{(10)} + m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(21)}m_{220}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{002}^{(10)}m_{310}^{(11)} - 2m_{000}^{(20)}m_{010}^{(22)}m_{002}^{(10)}m_{220}^{(10)} + m_{000}^{(20)}m_{010}^{(22)}m_{002}^{(10)}m_{130}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(22)}m_{002}^{(11)}m_{400}^{(11)} + 2m_{000}^{(20)}m_{010}^{(22)}m_{002}^{(11)}m_{310}^{(10)} - m_{000}^{(20)}m_{010}^{(22)}m_{002}^{(11)}m_{220}^{(00)}\\
&-m_{000}^{(20)}m_{001}^{(00)}m_{200}^{(11)}m_{031}^{(22)} + 2m_{000}^{(20)}m_{001}^{(00)}m_{200}^{(11)}m_{022}^{(21)} - m_{000}^{(20)}m_{001}^{(00)}m_{200}^{(11)}m_{013}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{200}^{(21)}m_{040}^{(22)} - 2m_{000}^{(20)}m_{001}^{(00)}m_{200}^{(21)}m_{031}^{(21)} + m_{000}^{(20)}m_{001}^{(00)}m_{200}^{(21)}m_{022}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(10)}m_{031}^{(22)} - 2m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(10)}m_{022}^{(21)} + m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(10)}m_{013}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(11)}m_{121}^{(22)} - 2m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(11)}m_{112}^{(21)} + m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(11)}m_{103}^{(11)}\\
&-2m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(20)}m_{040}^{(22)} + 4m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(20)}m_{031}^{(21)} - 2m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(20)}m_{022}^{(11)}\\
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&-m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(10)}m_{121}^{(22)} + 2m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(10)}m_{112}^{(21)} - m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(10)}m_{103}^{(11)}\\
&+2m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(20)}m_{130}^{(22)} - 4m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(20)}m_{121}^{(21)} + 2m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(20)}m_{112}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{220}^{(22)} + 2m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{211}^{(21)} - m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{202}^{(11)}\\
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&+2m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(11)}m_{121}^{(22)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(11)}m_{112}^{(21)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(11)}m_{022}^{(20)}\\
&+2m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(11)}m_{013}^{(10)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(21)}m_{130}^{(22)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(21)}m_{121}^{(21)}\\
&+2m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(21)}m_{031}^{(20)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(21)}m_{022}^{(10)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{121}^{(22)}
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&+2m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{112}^{(21)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{022}^{(20)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{013}^{(10)}\\
&-2m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(11)}m_{211}^{(22)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(11)}m_{202}^{(21)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(11)}m_{112}^{(20)}\\
&-2m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(11)}m_{103}^{(10)} + 4m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{130}^{(22)} - 4m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{121}^{(21)}\\
&-4m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{031}^{(20)} + 4m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{022}^{(10)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{130}^{(22)}\\
&+2m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{121}^{(21)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{031}^{(20)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{022}^{(10)}\\
&+2m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{220}^{(22)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{211}^{(21)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{121}^{(20)}\\
&+2m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{112}^{(10)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{211}^{(22)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{202}^{(21)}\\
&-2m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{112}^{(20)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{103}^{(10)} - 4m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{220}^{(22)}\\
&+4m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{211}^{(21)} + 4m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{121}^{(20)} - 4m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{112}^{(10)}\\
&+2m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{310}^{(22)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{301}^{(21)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{211}^{(20)}\\
&+2m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{202}^{(10)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{220}^{(22)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{211}^{(21)}\\
&-2m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{121}^{(20)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{112}^{(10)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{310}^{(22)}\\
&+2m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{301}^{(21)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{211}^{(20)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{202}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(11)}m_{211}^{(22)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(11)}m_{112}^{(20)} - m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(11)}m_{013}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(21)}m_{220}^{(22)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(21)}m_{121}^{(20)} + m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(21)}m_{022}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(10)}m_{211}^{(22)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(10)}m_{112}^{(20)} + m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(10)}m_{013}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(11)}m_{301}^{(22)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(11)}m_{202}^{(20)} + m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(11)}m_{103}^{(00)}\\
&-2m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{220}^{(22)} + 4m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{121}^{(20)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{022}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{220}^{(22)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{121}^{(20)} + m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{022}^{(00)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(11)}m_{310}^{(22)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(11)}m_{211}^{(20)} - m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(11)}m_{112}^{(00)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{020}^{(10)}m_{301}^{(22)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{020}^{(10)}m_{202}^{(20)} - m_{000}^{(20)}m_{001}^{(11)}m_{020}^{(10)}m_{103}^{(00)}\\
&+2m_{000}^{(20)}m_{001}^{(11)}m_{020}^{(20)}m_{310}^{(22)} - 4m_{000}^{(20)}m_{001}^{(11)}m_{020}^{(20)}m_{211}^{(20)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{020}^{(20)}m_{112}^{(00)}\\
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&-m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{310}^{(22)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{211}^{(20)} - m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{112}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(11)}m_{400}^{(22)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(11)}m_{301}^{(20)} + m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(11)}m_{202}^{(00)}\\
&-2m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(11)}m_{121}^{(21)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(11)}m_{112}^{(11)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(11)}m_{031}^{(20)}\\
&-2m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(11)}m_{022}^{(10)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(21)}m_{130}^{(21)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(21)}m_{121}^{(11)}\\
&-2m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(21)}m_{040}^{(20)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(21)}m_{031}^{(10)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{121}^{(21)}\\
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&+2m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{211}^{(21)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{202}^{(11)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{121}^{(20)}\\
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&+4m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(20)}m_{040}^{(20)} - 4m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(20)}m_{031}^{(10)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{130}^{(21)}\\
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&+m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{211}^{(11)} - 2m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{121}^{(10)} + m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{031}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{301}^{(11)} - 2m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{211}^{(10)} + m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{121}^{(00)}\\
&-2m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(20)}m_{220}^{(11)} + 4m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(20)}m_{130}^{(10)} - 2m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(20)}m_{040}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(22)}m_{101}^{(10)}m_{220}^{(11)} - 2m_{000}^{(20)}m_{001}^{(22)}m_{101}^{(10)}m_{130}^{(10)} + m_{000}^{(20)}m_{001}^{(22)}m_{101}^{(10)}m_{040}^{(00)}\\
&-m_{000}^{(20)}m_{001}^{(22)}m_{101}^{(11)}m_{310}^{(11)} + 2m_{000}^{(20)}m_{001}^{(22)}m_{101}^{(11)}m_{220}^{(10)} - m_{000}^{(20)}m_{001}^{(22)}m_{101}^{(11)}m_{130}^{(00)}\\
&-m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{301}^{(11)} + 2m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{211}^{(10)} - m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{121}^{(00)}\\
&+2m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(20)}m_{310}^{(11)} - 4m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(20)}m_{220}^{(10)} + 2m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(20)}m_{130}^{(00)}\\
&-m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(21)}m_{400}^{(11)} + 2m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(21)}m_{310}^{(10)} - m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(21)}m_{220}^{(00)}\\
&-m_{000}^{(20)}m_{001}^{(22)}m_{011}^{(10)}m_{310}^{(11)} + 2m_{000}^{(20)}m_{001}^{(22)}m_{011}^{(10)}m_{220}^{(10)} - m_{000}^{(20)}m_{001}^{(22)}m_{011}^{(10)}m_{130}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(22)}m_{011}^{(11)}m_{400}^{(11)} - 2m_{000}^{(20)}m_{001}^{(22)}m_{011}^{(11)}m_{310}^{(10)} + m_{000}^{(20)}m_{001}^{(22)}m_{011}^{(11)}m_{220}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(10)}m_{022}^{(22)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(10)}m_{013}^{(21)} + m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(10)}m_{004}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(20)}m_{031}^{(22)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(20)}m_{022}^{(21)} + m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(20)}m_{013}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(21)}m_{121}^{(22)} + 4m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(21)}m_{112}^{(21)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(21)}m_{103}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(10)}m_{031}^{(22)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(10)}m_{022}^{(21)} - m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(10)}m_{013}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(20)}m_{040}^{(22)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(20)}m_{031}^{(21)} - m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(20)}m_{022}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(21)}m_{130}^{(22)} - 4m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(21)}m_{121}^{(21)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(21)}m_{112}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(00)}m_{022}^{(22)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(00)}m_{013}^{(21)} - m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(00)}m_{004}^{(11)}
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$$+m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(20)}m_{121}^{(22)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(20)}m_{112}^{(21)} + m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(20)}m_{103}^{(11)}$$
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$$+2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(10)}m_{112}^{(21)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(10)}m_{103}^{(11)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(10)}m_{022}^{(20)}$$
$$+2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(10)}m_{013}^{(10)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(20)}m_{121}^{(21)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(20)}m_{112}^{(11)}$$
$$-2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(20)}m_{031}^{(20)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(20)}m_{022}^{(10)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(21)}m_{211}^{(21)}$$
$$+4m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(21)}m_{202}^{(11)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(21)}m_{121}^{(20)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(21)}m_{112}^{(10)}$$
$$-2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(10)}m_{121}^{(21)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(10)}m_{112}^{(11)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(10)}m_{031}^{(20)}$$

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\begin{aligned}
&-2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(10)}m_{022}^{(10)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(20)}m_{130}^{(21)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(20)}m_{121}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(20)}m_{040}^{(20)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(20)}m_{031}^{(10)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(21)}m_{220}^{(21)}\\
&-4m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(21)}m_{211}^{(11)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(21)}m_{130}^{(20)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(21)}m_{121}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(00)}m_{112}^{(21)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(00)}m_{103}^{(11)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(00)}m_{022}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(00)}m_{013}^{(10)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(20)}m_{211}^{(21)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(20)}m_{202}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(20)}m_{121}^{(20)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(20)}m_{112}^{(10)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(10)}m_{211}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(10)}m_{202}^{(11)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(10)}m_{121}^{(20)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(10)}m_{112}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(20)}m_{220}^{(21)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(20)}m_{211}^{(11)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(20)}m_{130}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(20)}m_{121}^{(10)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(00)}m_{130}^{(21)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(00)}m_{121}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(00)}m_{040}^{(20)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(00)}m_{031}^{(10)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(10)}m_{220}^{(21)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(10)}m_{211}^{(11)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(10)}m_{130}^{(20)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(10)}m_{121}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(10)}m_{202}^{(21)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(10)}m_{112}^{(20)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(10)}m_{103}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(10)}m_{013}^{(00)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(20)}m_{211}^{(21)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(20)}m_{121}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(20)}m_{112}^{(10)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(20)}m_{022}^{(00)} + 4m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(21)}m_{301}^{(21)}\\
&-4m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(21)}m_{211}^{(20)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(21)}m_{202}^{(10)} + 4m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(21)}m_{112}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(10)}m_{211}^{(21)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(10)}m_{121}^{(20)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(10)}m_{112}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(10)}m_{022}^{(00)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(20)}m_{220}^{(21)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(20)}m_{130}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(20)}m_{121}^{(10)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(20)}m_{031}^{(00)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(21)}m_{310}^{(21)}\\
&+4m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(21)}m_{220}^{(20)} + 4m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(21)}m_{211}^{(10)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(21)}m_{121}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(00)}m_{202}^{(21)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(00)}m_{112}^{(20)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(00)}m_{103}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(00)}m_{013}^{(00)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(20)}m_{301}^{(21)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(20)}m_{211}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(20)}m_{202}^{(10)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(20)}m_{112}^{(00)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(10)}m_{301}^{(21)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(10)}m_{211}^{(20)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(10)}m_{202}^{(10)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(10)}m_{112}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(20)}m_{310}^{(21)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(20)}m_{220}^{(20)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(20)}m_{211}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(20)}m_{121}^{(00)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(00)}m_{220}^{(21)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(00)}m_{130}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(00)}m_{121}^{(10)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(00)}m_{031}^{(00)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(10)}m_{310}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(10)}m_{220}^{(20)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(10)}m_{211}^{(10)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(10)}m_{121}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{202}^{(11)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{112}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{022}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(20)}m_{211}^{(11)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(20)}m_{121}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(20)}m_{031}^{(00)}\\
&-2m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(21)}m_{301}^{(11)} + 4m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(21)}m_{211}^{(10)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(21)}m_{121}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(10)}m_{211}^{(11)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(10)}m_{121}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(10)}m_{031}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(20)}m_{220}^{(11)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(20)}m_{130}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(20)}m_{040}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(21)}m_{310}^{(11)} - 4m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(21)}m_{220}^{(10)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(21)}m_{130}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(00)}m_{202}^{(11)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(00)}m_{112}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(00)}m_{022}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(20)}m_{301}^{(11)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(20)}m_{211}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(20)}m_{121}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(10)}m_{301}^{(11)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(10)}m_{211}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(10)}m_{121}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(20)}m_{310}^{(11)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(20)}m_{220}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(20)}m_{130}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{002}^{(00)}m_{220}^{(11)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{002}^{(00)}m_{130}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{002}^{(00)}m_{040}^{(00)}
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&-m_{000}^{(21)}m_{100}^{(22)}m_{002}^{(10)}m_{310}^{(11)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{002}^{(10)}m_{220}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{002}^{(10)}m_{130}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(10)}m_{022}^{(22)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(10)}m_{013}^{(21)} - m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(10)}m_{004}^{(11)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(20)}m_{031}^{(22)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(20)}m_{022}^{(21)} - m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(20)}m_{013}^{(11)}\\
&+2m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(21)}m_{121}^{(22)} - 4m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(21)}m_{112}^{(21)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(21)}m_{103}^{(11)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(00)}m_{022}^{(22)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(00)}m_{013}^{(21)} + m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(00)}m_{004}^{(11)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(20)}m_{121}^{(22)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(20)}m_{112}^{(21)} - m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(20)}m_{103}^{(11)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(00)}m_{031}^{(22)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(00)}m_{022}^{(21)} + m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(00)}m_{013}^{(11)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(20)}m_{130}^{(22)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(20)}m_{121}^{(21)} + m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(20)}m_{112}^{(11)}\\
&-2m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(21)}m_{220}^{(22)} + 4m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(21)}m_{211}^{(21)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(21)}m_{202}^{(11)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(00)}m_{121}^{(22)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(00)}m_{112}^{(21)} - m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(00)}m_{103}^{(11)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(20)}m_{220}^{(22)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(20)}m_{211}^{(21)} + m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(20)}m_{202}^{(11)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(00)}m_{130}^{(22)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(00)}m_{121}^{(21)} - m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(00)}m_{112}^{(11)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(10)}m_{220}^{(22)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(10)}m_{211}^{(21)} + m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(10)}m_{202}^{(11)}\\
&+2m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(10)}m_{112}^{(22)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(10)}m_{103}^{(21)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(10)}m_{013}^{(20)}\\
&+2m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(10)}m_{004}^{(10)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(20)}m_{121}^{(22)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(20)}m_{112}^{(21)}\\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(20)}m_{022}^{(20)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(20)}m_{013}^{(10)} - 4m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(21)}m_{211}^{(22)}\\
&+4m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(21)}m_{202}^{(21)} + 4m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(21)}m_{112}^{(20)} - 4m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(21)}m_{103}^{(10)}\\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(00)}m_{112}^{(22)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(00)}m_{103}^{(21)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(00)}m_{013}^{(20)}\\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(00)}m_{004}^{(10)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{211}^{(22)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{202}^{(21)}\\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{112}^{(20)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{103}^{(10)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(00)}m_{121}^{(22)}\\
&+2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(00)}m_{112}^{(21)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(00)}m_{022}^{(20)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(00)}m_{013}^{(10)}\\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{220}^{(22)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{211}^{(21)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{121}^{(20)}\\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{112}^{(10)} + 4m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{310}^{(22)} - 4m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{301}^{(21)}\\
&-4m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{211}^{(20)} + 4m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{202}^{(10)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(00)}m_{211}^{(22)}\\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(00)}m_{202}^{(21)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(00)}m_{112}^{(20)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(00)}m_{103}^{(10)}\\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{310}^{(22)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{301}^{(21)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{211}^{(20)}\\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{202}^{(10)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(00)}m_{220}^{(22)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(00)}m_{211}^{(21)}\\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(00)}m_{121}^{(20)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(00)}m_{112}^{(10)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{310}^{(22)}\\
&+2m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{301}^{(21)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{211}^{(20)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{202}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(10)}m_{202}^{(22)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(10)}m_{103}^{(20)} - m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(10)}m_{004}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(20)}m_{211}^{(22)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(20)}m_{112}^{(20)} - m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(20)}m_{013}^{(00)}\\
&+2m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(21)}m_{301}^{(22)} - 4m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(21)}m_{202}^{(20)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(21)}m_{103}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(11)}m_{110}^{(00)}m_{202}^{(22)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{110}^{(00)}m_{103}^{(20)} + m_{000}^{(21)}m_{010}^{(11)}m_{110}^{(00)}m_{004}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(11)}m_{110}^{(20)}m_{301}^{(22)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{110}^{(20)}m_{202}^{(20)} - m_{000}^{(21)}m_{010}^{(11)}m_{110}^{(20)}m_{103}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(00)}m_{211}^{(22)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(00)}m_{112}^{(20)} + m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(00)}m_{013}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{310}^{(22)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{211}^{(20)} + m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{112}^{(00)}\\
&-2m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(21)}m_{400}^{(22)} + 4m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(21)}m_{301}^{(20)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(21)}m_{202}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(11)}m_{011}^{(00)}m_{301}^{(22)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{011}^{(00)}m_{202}^{(20)} - m_{000}^{(21)}m_{010}^{(11)}m_{011}^{(00)}m_{103}^{(00)}
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&+m_{000}^{(21)}m_{010}^{(11)}m_{011}^{(20)}m_{400}^{(22)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{011}^{(20)}m_{301}^{(20)} + m_{000}^{(21)}m_{010}^{(11)}m_{011}^{(20)}m_{202}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(11)}m_{002}^{(00)}m_{310}^{(22)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{002}^{(00)}m_{211}^{(20)} - m_{000}^{(21)}m_{010}^{(11)}m_{002}^{(00)}m_{112}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(11)}m_{002}^{(10)}m_{400}^{(22)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{002}^{(10)}m_{301}^{(20)} + m_{000}^{(21)}m_{010}^{(11)}m_{002}^{(10)}m_{202}^{(00)}\\
&-2m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(10)}m_{112}^{(21)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(10)}m_{103}^{(11)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(10)}m_{022}^{(20)}\\
&-2m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(10)}m_{013}^{(10)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(20)}m_{121}^{(21)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(20)}m_{112}^{(11)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(20)}m_{031}^{(20)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(20)}m_{022}^{(10)} + 4m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{211}^{(21)}\\
&-4m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{202}^{(11)} - 4m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{121}^{(20)} + 4m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{112}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(00)}m_{112}^{(21)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(00)}m_{103}^{(11)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(00)}m_{022}^{(20)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(00)}m_{013}^{(10)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{211}^{(21)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{202}^{(11)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{121}^{(20)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{112}^{(10)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(00)}m_{121}^{(21)}\\
&-2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(00)}m_{112}^{(11)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(00)}m_{031}^{(20)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(00)}m_{022}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{220}^{(21)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{211}^{(11)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{130}^{(20)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{121}^{(10)} - 4m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{310}^{(21)} + 4m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{301}^{(11)}\\
&+4m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{220}^{(20)} - 4m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{211}^{(10)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{211}^{(21)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{202}^{(11)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{121}^{(20)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{112}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{310}^{(21)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{301}^{(11)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{220}^{(20)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{211}^{(10)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(00)}m_{220}^{(21)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(00)}m_{211}^{(11)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(00)}m_{130}^{(20)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(00)}m_{121}^{(10)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(10)}m_{310}^{(21)}\\
&-2m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(10)}m_{301}^{(11)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(10)}m_{220}^{(20)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(10)}m_{211}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(10)}m_{202}^{(21)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(10)}m_{112}^{(20)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(10)}m_{103}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(10)}m_{013}^{(00)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{211}^{(21)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{121}^{(20)}\\
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&+4m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(21)}m_{211}^{(20)} + 4m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(21)}m_{202}^{(10)} - 4m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(21)}m_{112}^{(00)}\\
&-2m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(00)}m_{202}^{(21)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(00)}m_{112}^{(20)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(00)}m_{103}^{(10)}\\
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&+2m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{121}^{(20)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{112}^{(10)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{022}^{(00)}\\
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&+2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{130}^{(22)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{121}^{(21)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{031}^{(20)}\\
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&+2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{121}^{(20)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{112}^{(10)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{211}^{(22)}\\
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&+2m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(20)}m_{310}^{(22)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(20)}m_{301}^{(21)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(20)}m_{211}^{(20)}\\
&+2m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(20)}m_{202}^{(10)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{220}^{(22)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{211}^{(21)}\\
&+2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{121}^{(20)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{112}^{(10)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{310}^{(22)}\\
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&+m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{211}^{(22)} - 2m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{112}^{(20)} + m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{013}^{(00)}
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&-2m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{310}^{(22)} + 4m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{211}^{(20)} - 2m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{112}^{(00)}\\
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&+2m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{121}^{(21)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{112}^{(11)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{031}^{(20)}\\
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&+2m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{211}^{(10)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{121}^{(00)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{400}^{(21)}\\
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&+m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{211}^{(11)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{121}^{(10)} + m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{031}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(20)}m_{220}^{(11)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(20)}m_{130}^{(10)} + m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(20)}m_{040}^{(00)}\\
&-2m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(21)}m_{310}^{(11)} + 4m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(21)}m_{220}^{(10)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(21)}m_{130}^{(00)}\\
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&+2m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(11)}m_{220}^{(22)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(11)}m_{211}^{(21)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(11)}m_{121}^{(20)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(11)}m_{112}^{(10)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(00)}m_{121}^{(22)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(00)}m_{112}^{(21)}\\
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&+2m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(00)}m_{022}^{(10)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(10)}m_{220}^{(22)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(10)}m_{211}^{(21)}\\
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&-2m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(11)}m_{202}^{(20)} + m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(11)}m_{103}^{(00)} + m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(10)}m_{220}^{(22)}
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&+2m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(11)}m_{211}^{(11)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(11)}m_{130}^{(20)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(11)}m_{121}^{(10)}\\
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&+2m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(00)}m_{121}^{(20)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(00)}m_{112}^{(10)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(00)}m_{022}^{(00)}\\
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&+2m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(10)}m_{112}^{(00)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(00)}m_{220}^{(21)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(00)}m_{130}^{(20)}\\
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&+2m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(10)}m_{220}^{(20)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(10)}m_{211}^{(10)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(10)}m_{121}^{(00)}\\
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&+m_{000}^{(22)}m_{100}^{(22)}m_{101}^{(10)}m_{220}^{(11)} - 2m_{000}^{(22)}m_{100}^{(22)}m_{101}^{(10)}m_{130}^{(10)} + m_{000}^{(22)}m_{100}^{(22)}m_{101}^{(10)}m_{040}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(22)}m_{101}^{(11)}m_{310}^{(11)} + 2m_{000}^{(22)}m_{100}^{(22)}m_{101}^{(11)}m_{220}^{(10)} - m_{000}^{(22)}m_{100}^{(22)}m_{101}^{(11)}m_{130}^{(00)}\\
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&-2m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(11)}m_{112}^{(10)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(00)}m_{121}^{(21)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(00)}m_{112}^{(11)}\\
&+2m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(00)}m_{031}^{(20)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(00)}m_{022}^{(10)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(10)}m_{211}^{(21)}\\
&-2m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(10)}m_{202}^{(11)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(10)}m_{121}^{(20)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(10)}m_{112}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(10)}m_{220}^{(21)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(10)}m_{211}^{(11)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(10)}m_{130}^{(20)}\\
&-2m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(10)}m_{121}^{(10)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(11)}m_{310}^{(21)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(11)}m_{301}^{(11)}\\
&-2m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(11)}m_{220}^{(20)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(11)}m_{211}^{(10)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(00)}m_{220}^{(21)}\\
&-2m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(00)}m_{211}^{(11)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(00)}m_{130}^{(20)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(00)}m_{121}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{310}^{(21)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{301}^{(11)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{220}^{(20)}\\
&-2m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{211}^{(10)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(10)}m_{211}^{(21)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(10)}m_{121}^{(20)}\\
&+2m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(10)}m_{112}^{(10)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(10)}m_{022}^{(00)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(11)}m_{301}^{(21)}\\
&-2m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(11)}m_{211}^{(20)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(11)}m_{202}^{(10)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(11)}m_{112}^{(00)}\\
&+2m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(00)}m_{211}^{(21)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(00)}m_{121}^{(20)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(00)}m_{112}^{(10)}
\end{aligned}
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\begin{aligned}
&+2m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(00)}m_{022}^{(00)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{301}^{(21)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{211}^{(20)}\\
&+2m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{202}^{(10)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{112}^{(00)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(10)}m_{310}^{(21)}\\
&-2m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(10)}m_{220}^{(20)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(10)}m_{211}^{(10)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(10)}m_{121}^{(00)}\\
&-2m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(11)}m_{400}^{(21)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(11)}m_{310}^{(20)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(11)}m_{301}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(11)}m_{211}^{(00)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(00)}m_{310}^{(21)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(00)}m_{220}^{(20)}\\
&+2m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(00)}m_{211}^{(10)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(00)}m_{121}^{(00)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(10)}m_{400}^{(21)}\\
&-2m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(10)}m_{310}^{(20)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(10)}m_{301}^{(10)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(10)}m_{211}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(22)}m_{200}^{(10)}m_{211}^{(11)} - 2m_{000}^{(22)}m_{010}^{(22)}m_{200}^{(10)}m_{121}^{(10)} + m_{000}^{(22)}m_{010}^{(22)}m_{200}^{(10)}m_{031}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(22)}m_{200}^{(11)}m_{301}^{(11)} + 2m_{000}^{(22)}m_{010}^{(22)}m_{200}^{(11)}m_{211}^{(10)} - m_{000}^{(22)}m_{010}^{(22)}m_{200}^{(11)}m_{121}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(22)}m_{110}^{(00)}m_{211}^{(11)} + 2m_{000}^{(22)}m_{010}^{(22)}m_{110}^{(00)}m_{121}^{(10)} - m_{000}^{(22)}m_{010}^{(22)}m_{110}^{(00)}m_{031}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(22)}m_{110}^{(10)}m_{301}^{(11)} - 2m_{000}^{(22)}m_{010}^{(22)}m_{110}^{(10)}m_{211}^{(10)} + m_{000}^{(22)}m_{010}^{(22)}m_{110}^{(10)}m_{121}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(22)}m_{101}^{(10)}m_{310}^{(11)} + 2m_{000}^{(22)}m_{010}^{(22)}m_{101}^{(10)}m_{220}^{(10)} - m_{000}^{(22)}m_{010}^{(22)}m_{101}^{(10)}m_{130}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(22)}m_{101}^{(11)}m_{400}^{(11)} - 2m_{000}^{(22)}m_{010}^{(22)}m_{101}^{(11)}m_{310}^{(10)} + m_{000}^{(22)}m_{010}^{(22)}m_{101}^{(11)}m_{220}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(22)}m_{011}^{(00)}m_{310}^{(11)} - 2m_{000}^{(22)}m_{010}^{(22)}m_{011}^{(00)}m_{220}^{(10)} + m_{000}^{(22)}m_{010}^{(22)}m_{011}^{(00)}m_{130}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(22)}m_{011}^{(10)}m_{400}^{(11)} + 2m_{000}^{(22)}m_{010}^{(22)}m_{011}^{(10)}m_{310}^{(10)} - m_{000}^{(22)}m_{010}^{(22)}m_{011}^{(10)}m_{220}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(00)}m_{200}^{(10)}m_{040}^{(22)} + 2m_{000}^{(22)}m_{001}^{(00)}m_{200}^{(10)}m_{031}^{(21)} - m_{000}^{(22)}m_{001}^{(00)}m_{200}^{(10)}m_{022}^{(11)}\\
&+m_{000}^{(22)}m_{001}^{(00)}m_{200}^{(11)}m_{130}^{(22)} - 2m_{000}^{(22)}m_{001}^{(00)}m_{200}^{(11)}m_{121}^{(21)} + m_{000}^{(22)}m_{001}^{(00)}m_{200}^{(11)}m_{112}^{(11)}\\
&+m_{000}^{(22)}m_{001}^{(00)}m_{110}^{(00)}m_{040}^{(22)} - 2m_{000}^{(22)}m_{001}^{(00)}m_{110}^{(00)}m_{031}^{(21)} + m_{000}^{(22)}m_{001}^{(00)}m_{110}^{(00)}m_{022}^{(11)}\\
&-m_{000}^{(22)}m_{001}^{(00)}m_{110}^{(11)}m_{220}^{(22)} + 2m_{000}^{(22)}m_{001}^{(00)}m_{110}^{(11)}m_{211}^{(21)} - m_{000}^{(22)}m_{001}^{(00)}m_{110}^{(11)}m_{202}^{(11)}\\
&-m_{000}^{(22)}m_{001}^{(00)}m_{020}^{(00)}m_{130}^{(22)} + 2m_{000}^{(22)}m_{001}^{(00)}m_{020}^{(00)}m_{121}^{(21)} - m_{000}^{(22)}m_{001}^{(00)}m_{020}^{(00)}m_{112}^{(11)}\\
&+m_{000}^{(22)}m_{001}^{(00)}m_{020}^{(10)}m_{220}^{(22)} - 2m_{000}^{(22)}m_{001}^{(00)}m_{020}^{(10)}m_{211}^{(21)} + m_{000}^{(22)}m_{001}^{(00)}m_{020}^{(10)}m_{202}^{(11)}\\
&+2m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(10)}m_{130}^{(22)} - 2m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(10)}m_{121}^{(21)} - 2m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(10)}m_{031}^{(20)}\\
&+2m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(10)}m_{022}^{(10)} - 2m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(11)}m_{220}^{(22)} + 2m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(11)}m_{211}^{(21)}\\
&+2m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(11)}m_{121}^{(20)} - 2m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(11)}m_{112}^{(10)} - 2m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(00)}m_{130}^{(22)}\\
&+2m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(00)}m_{121}^{(21)} + 2m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(00)}m_{031}^{(20)} - 2m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(00)}m_{022}^{(10)}\\
&+2m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(11)}m_{310}^{(22)} - 2m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(11)}m_{301}^{(21)} - 2m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(11)}m_{211}^{(20)}\\
&+2m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(11)}m_{202}^{(10)} + 2m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(00)}m_{220}^{(22)} - 2m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(00)}m_{211}^{(21)}\\
&-2m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(00)}m_{121}^{(20)} + 2m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(00)}m_{112}^{(10)} - 2m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(10)}m_{310}^{(22)}\\
&+2m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(10)}m_{301}^{(21)} + 2m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(10)}m_{211}^{(20)} - 2m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(10)}m_{202}^{(10)}\\
&-m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(10)}m_{220}^{(22)} + 2m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(10)}m_{121}^{(20)} - m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(10)}m_{022}^{(00)}\\
&+m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(11)}m_{310}^{(22)} - 2m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(11)}m_{211}^{(20)} + m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(11)}m_{112}^{(00)}\\
&+m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(00)}m_{220}^{(22)} - 2m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(00)}m_{121}^{(20)} + m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(00)}m_{022}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(11)}m_{400}^{(22)} + 2m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(11)}m_{301}^{(20)} - m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(11)}m_{202}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(11)}m_{020}^{(00)}m_{310}^{(22)} + 2m_{000}^{(22)}m_{001}^{(11)}m_{020}^{(00)}m_{211}^{(20)} - m_{000}^{(22)}m_{001}^{(11)}m_{020}^{(00)}m_{112}^{(00)}\\
&+m_{000}^{(22)}m_{001}^{(11)}m_{020}^{(10)}m_{400}^{(22)} - 2m_{000}^{(22)}m_{001}^{(11)}m_{020}^{(10)}m_{301}^{(20)} + m_{000}^{(22)}m_{001}^{(11)}m_{020}^{(10)}m_{202}^{(00)}\\
&-2m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(10)}m_{130}^{(21)} + 2m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(10)}m_{121}^{(11)} + 2m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(10)}m_{040}^{(20)}\\
&-2m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(10)}m_{031}^{(10)} + 2m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{220}^{(21)} - 2m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{211}^{(11)}\\
&-2m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{130}^{(20)} + 2m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{121}^{(10)} + 2m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(00)}m_{130}^{(21)}
\end{aligned}
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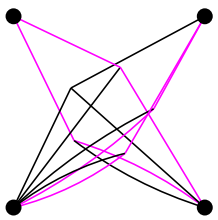
\begin{array}{l}
-2m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(00)}m_{121}^{(11)} - 2m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(00)}m_{040}^{(20)} + 2m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(00)}m_{031}^{(10)} \\
-2m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{310}^{(21)} + 2m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{301}^{(11)} + 2m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{220}^{(20)} \\
-2m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{211}^{(10)} - 2m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{220}^{(21)} + 2m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{211}^{(11)} \\
+2m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{130}^{(20)} - 2m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{121}^{(10)} + 2m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{310}^{(21)} \\
-2m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{301}^{(11)} - 2m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{220}^{(20)} + 2m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{211}^{(10)} \\
+2m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{220}^{(21)} - 2m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{130}^{(20)} - 2m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{121}^{(10)} \\
+2m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{031}^{(00)} - 2m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{310}^{(21)} + 2m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{220}^{(20)} \\
+2m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{211}^{(10)} - 2m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{121}^{(00)} - 2m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{220}^{(21)} \\
+2m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{130}^{(20)} + 2m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{121}^{(10)} - 2m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{031}^{(00)} \\
+2m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(11)}m_{400}^{(21)} - 2m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(11)}m_{310}^{(20)} - 2m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(11)}m_{301}^{(10)} \\
+2m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(11)}m_{211}^{(00)} + 2m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{310}^{(21)} - 2m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{220}^{(20)} \\
-2m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{211}^{(10)} + 2m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{121}^{(00)} - 2m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(10)}m_{400}^{(21)} \\
+2m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(10)}m_{310}^{(20)} + 2m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(10)}m_{301}^{(10)} - 2m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(10)}m_{211}^{(00)} \\
-m_{000}^{(22)}m_{001}^{(22)}m_{200}^{(10)}m_{220}^{(11)} + 2m_{000}^{(22)}m_{001}^{(22)}m_{200}^{(10)}m_{130}^{(10)} - m_{000}^{(22)}m_{001}^{(22)}m_{200}^{(10)}m_{040}^{(00)} \\
+m_{000}^{(22)}m_{001}^{(22)}m_{200}^{(11)}m_{310}^{(11)} - 2m_{000}^{(22)}m_{001}^{(22)}m_{200}^{(11)}m_{220}^{(10)} + m_{000}^{(22)}m_{001}^{(22)}m_{200}^{(11)}m_{130}^{(00)} \\
+m_{000}^{(22)}m_{001}^{(22)}m_{110}^{(00)}m_{220}^{(11)} - 2m_{000}^{(22)}m_{001}^{(22)}m_{110}^{(00)}m_{130}^{(10)} + m_{000}^{(22)}m_{001}^{(22)}m_{110}^{(00)}m_{040}^{(00)} \\
-m_{000}^{(22)}m_{001}^{(22)}m_{110}^{(11)}m_{400}^{(11)} + 2m_{000}^{(22)}m_{001}^{(22)}m_{110}^{(11)}m_{310}^{(10)} - m_{000}^{(22)}m_{001}^{(22)}m_{110}^{(11)}m_{220}^{(00)} \\
-m_{000}^{(22)}m_{001}^{(22)}m_{020}^{(00)}m_{310}^{(11)} + 2m_{000}^{(22)}m_{001}^{(22)}m_{020}^{(00)}m_{220}^{(10)} - m_{000}^{(22)}m_{001}^{(22)}m_{020}^{(00)}m_{130}^{(00)} \\
+m_{000}^{(22)}m_{001}^{(22)}m_{020}^{(10)}m_{400}^{(11)} - 2m_{000}^{(22)}m_{001}^{(22)}m_{020}^{(10)}m_{310}^{(10)} + m_{000}^{(22)}m_{001}^{(22)}m_{020}^{(10)}m_{220}^{(00)}
\end{array}
$$

Generating graph:

$$
\begin{array}{rrrrr}
V1 & V1 & 1 & 1 & V2 \\
1 & 1 & V2 & 3 & V4 \\
V3 & V3 & V4 & 4 & 4
\end{array}
$$



$$
\begin{array}{rcl}
T_{165} & = & -m_{000}^{(00)}m_{100}^{(00)}m_{020}^{(21)}m_{022}^{(22)} + 2m_{000}^{(00)}m_{100}^{(00)}m_{020}^{(21)}m_{013}^{(21)} - m_{000}^{(00)}m_{100}^{(00)}m_{020}^{(21)}m_{004}^{(11)} \\
 & & +m_{000}^{(00)}m_{100}^{(00)}m_{020}^{(22)}m_{031}^{(22)} - 2m_{000}^{(00)}m_{100}^{(00)}m_{020}^{(22)}m_{022}^{(21)} + m_{000}^{(00)}m_{100}^{(00)}m_{020}^{(22)}m_{013}^{(11)} \\
 & & +m_{000}^{(00)}m_{100}^{(00)}m_{011}^{(11)}m_{022}^{(22)} - 2m_{000}^{(00)}m_{100}^{(00)}m_{011}^{(11)}m_{013}^{(21)} + m_{000}^{(00)}m_{100}^{(00)}m_{011}^{(11)}m_{004}^{(11)} \\
 & & -m_{000}^{(00)}m_{100}^{(00)}m_{011}^{(22)}m_{040}^{(22)} + 2m_{000}^{(00)}m_{100}^{(00)}m_{011}^{(22)}m_{031}^{(21)} - m_{000}^{(00)}m_{100}^{(00)}m_{011}^{(22)}m_{022}^{(11)}
\end{array}
$$

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\begin{aligned}
&-m_{000}^{(00)}m_{100}^{(00)}m_{002}^{(11)}m_{031}^{(22)} + 2m_{000}^{(00)}m_{100}^{(00)}m_{002}^{(11)}m_{022}^{(21)} - m_{000}^{(00)}m_{100}^{(00)}m_{002}^{(11)}m_{013}^{(11)}\\
&+m_{000}^{(00)}m_{100}^{(00)}m_{002}^{(21)}m_{040}^{(22)} - 2m_{000}^{(00)}m_{100}^{(00)}m_{002}^{(21)}m_{031}^{(21)} + m_{000}^{(00)}m_{100}^{(00)}m_{002}^{(21)}m_{022}^{(11)}\\
&+m_{000}^{(00)}m_{100}^{(10)}m_{110}^{(21)}m_{022}^{(22)} - 2m_{000}^{(00)}m_{100}^{(10)}m_{110}^{(21)}m_{013}^{(21)} + m_{000}^{(00)}m_{100}^{(10)}m_{110}^{(21)}m_{004}^{(11)}\\
&-m_{000}^{(00)}m_{100}^{(10)}m_{110}^{(22)}m_{031}^{(22)} + 2m_{000}^{(00)}m_{100}^{(10)}m_{110}^{(22)}m_{022}^{(21)} - m_{000}^{(00)}m_{100}^{(10)}m_{110}^{(22)}m_{013}^{(11)}\\
&-m_{000}^{(00)}m_{100}^{(10)}m_{101}^{(11)}m_{022}^{(22)} + 2m_{000}^{(00)}m_{100}^{(10)}m_{101}^{(11)}m_{013}^{(21)} - m_{000}^{(00)}m_{100}^{(10)}m_{101}^{(11)}m_{004}^{(11)}\\
&+m_{000}^{(00)}m_{100}^{(10)}m_{101}^{(21)}m_{031}^{(22)} - 2m_{000}^{(00)}m_{100}^{(10)}m_{101}^{(21)}m_{022}^{(21)} + m_{000}^{(00)}m_{100}^{(10)}m_{101}^{(21)}m_{013}^{(11)}\\
&+m_{000}^{(00)}m_{100}^{(10)}m_{020}^{(21)}m_{112}^{(22)} - m_{000}^{(00)}m_{100}^{(10)}m_{020}^{(21)}m_{103}^{(21)} - m_{000}^{(00)}m_{100}^{(10)}m_{020}^{(21)}m_{013}^{(20)}\\
&+m_{000}^{(00)}m_{100}^{(10)}m_{020}^{(21)}m_{004}^{(10)} - m_{000}^{(00)}m_{100}^{(10)}m_{020}^{(22)}m_{121}^{(22)} + m_{000}^{(00)}m_{100}^{(10)}m_{020}^{(22)}m_{112}^{(21)}\\
&+m_{000}^{(00)}m_{100}^{(10)}m_{020}^{(22)}m_{022}^{(20)} - m_{000}^{(00)}m_{100}^{(10)}m_{020}^{(22)}m_{013}^{(10)} - m_{000}^{(00)}m_{100}^{(10)}m_{011}^{(11)}m_{112}^{(22)}\\
&+m_{000}^{(00)}m_{100}^{(10)}m_{011}^{(11)}m_{103}^{(21)} + m_{000}^{(00)}m_{100}^{(10)}m_{011}^{(11)}m_{013}^{(20)} - m_{000}^{(00)}m_{100}^{(10)}m_{011}^{(11)}m_{004}^{(10)}\\
&-m_{000}^{(00)}m_{100}^{(10)}m_{011}^{(21)}m_{121}^{(22)} + 2m_{000}^{(00)}m_{100}^{(10)}m_{011}^{(21)}m_{112}^{(21)} - m_{000}^{(00)}m_{100}^{(10)}m_{011}^{(21)}m_{103}^{(11)}\\
&+2m_{000}^{(00)}m_{100}^{(10)}m_{011}^{(22)}m_{130}^{(22)} - 3m_{000}^{(00)}m_{100}^{(10)}m_{011}^{(22)}m_{121}^{(21)} + m_{000}^{(00)}m_{100}^{(10)}m_{011}^{(22)}m_{112}^{(11)}\\
&-m_{000}^{(00)}m_{100}^{(10)}m_{011}^{(22)}m_{031}^{(20)} + m_{000}^{(00)}m_{100}^{(10)}m_{011}^{(22)}m_{022}^{(10)} + 2m_{000}^{(00)}m_{100}^{(10)}m_{002}^{(11)}m_{121}^{(22)}\\
&-3m_{000}^{(00)}m_{100}^{(10)}m_{002}^{(11)}m_{112}^{(21)} + m_{000}^{(00)}m_{100}^{(10)}m_{002}^{(11)}m_{103}^{(11)} - m_{000}^{(00)}m_{100}^{(10)}m_{002}^{(11)}m_{022}^{(20)}\\
&+m_{000}^{(00)}m_{100}^{(10)}m_{002}^{(11)}m_{013}^{(10)} - 2m_{000}^{(00)}m_{100}^{(10)}m_{002}^{(21)}m_{130}^{(22)} + 3m_{000}^{(00)}m_{100}^{(10)}m_{002}^{(21)}m_{121}^{(21)}\\
&-m_{000}^{(00)}m_{100}^{(10)}m_{002}^{(21)}m_{112}^{(11)} + m_{000}^{(00)}m_{100}^{(10)}m_{002}^{(21)}m_{031}^{(20)} - m_{000}^{(00)}m_{100}^{(10)}m_{002}^{(21)}m_{022}^{(10)}\\
&-m_{000}^{(00)}m_{100}^{(11)}m_{110}^{(21)}m_{112}^{(22)} + m_{000}^{(00)}m_{100}^{(11)}m_{110}^{(21)}m_{103}^{(21)} + m_{000}^{(00)}m_{100}^{(11)}m_{110}^{(21)}m_{013}^{(20)}\\
&-m_{000}^{(00)}m_{100}^{(11)}m_{110}^{(21)}m_{004}^{(10)} + m_{000}^{(00)}m_{100}^{(11)}m_{110}^{(22)}m_{121}^{(22)} - m_{000}^{(00)}m_{100}^{(11)}m_{110}^{(22)}m_{112}^{(21)}\\
&-m_{000}^{(00)}m_{100}^{(11)}m_{110}^{(22)}m_{022}^{(20)} + m_{000}^{(00)}m_{100}^{(11)}m_{110}^{(22)}m_{013}^{(10)} + m_{000}^{(00)}m_{100}^{(11)}m_{101}^{(11)}m_{112}^{(22)}\\
&-m_{000}^{(00)}m_{100}^{(11)}m_{101}^{(11)}m_{103}^{(21)} - m_{000}^{(00)}m_{100}^{(11)}m_{101}^{(11)}m_{013}^{(20)} + m_{000}^{(00)}m_{100}^{(11)}m_{101}^{(11)}m_{004}^{(10)}\\
&-m_{000}^{(00)}m_{100}^{(11)}m_{101}^{(21)}m_{121}^{(22)} + m_{000}^{(00)}m_{100}^{(11)}m_{101}^{(21)}m_{112}^{(21)} + m_{000}^{(00)}m_{100}^{(11)}m_{101}^{(21)}m_{022}^{(20)}\\
&-m_{000}^{(00)}m_{100}^{(11)}m_{101}^{(21)}m_{013}^{(10)} + m_{000}^{(00)}m_{100}^{(11)}m_{011}^{(21)}m_{211}^{(22)} - m_{000}^{(00)}m_{100}^{(11)}m_{011}^{(21)}m_{202}^{(21)}\\
&-m_{000}^{(00)}m_{100}^{(11)}m_{011}^{(21)}m_{112}^{(20)} + m_{000}^{(00)}m_{100}^{(11)}m_{011}^{(21)}m_{103}^{(10)} - m_{000}^{(00)}m_{100}^{(11)}m_{011}^{(22)}m_{220}^{(22)}\\
&+m_{000}^{(00)}m_{100}^{(11)}m_{011}^{(22)}m_{211}^{(21)} + m_{000}^{(00)}m_{100}^{(11)}m_{011}^{(22)}m_{121}^{(20)} - m_{000}^{(00)}m_{100}^{(11)}m_{011}^{(22)}m_{112}^{(10)}\\
&-m_{000}^{(00)}m_{100}^{(11)}m_{002}^{(11)}m_{211}^{(22)} + m_{000}^{(00)}m_{100}^{(11)}m_{002}^{(11)}m_{202}^{(21)} + m_{000}^{(00)}m_{100}^{(11)}m_{002}^{(11)}m_{112}^{(20)}\\
&-m_{000}^{(00)}m_{100}^{(11)}m_{002}^{(11)}m_{103}^{(10)} + m_{000}^{(00)}m_{100}^{(11)}m_{002}^{(21)}m_{220}^{(22)} - m_{000}^{(00)}m_{100}^{(11)}m_{002}^{(21)}m_{211}^{(21)}\\
&-m_{000}^{(00)}m_{100}^{(11)}m_{002}^{(21)}m_{121}^{(20)} + m_{000}^{(00)}m_{100}^{(11)}m_{002}^{(21)}m_{112}^{(10)} - m_{000}^{(00)}m_{100}^{(20)}m_{110}^{(21)}m_{031}^{(22)}\\
&+2m_{000}^{(00)}m_{100}^{(20)}m_{110}^{(21)}m_{022}^{(21)} - m_{000}^{(00)}m_{100}^{(20)}m_{110}^{(21)}m_{013}^{(11)} + m_{000}^{(00)}m_{100}^{(20)}m_{110}^{(22)}m_{040}^{(22)}\\
&-2m_{000}^{(00)}m_{100}^{(20)}m_{110}^{(22)}m_{031}^{(21)} + m_{000}^{(00)}m_{100}^{(20)}m_{110}^{(22)}m_{022}^{(11)} + m_{000}^{(00)}m_{100}^{(20)}m_{101}^{(11)}m_{031}^{(22)}\\
&-2m_{000}^{(00)}m_{100}^{(20)}m_{101}^{(11)}m_{022}^{(21)} + m_{000}^{(00)}m_{100}^{(20)}m_{101}^{(11)}m_{013}^{(11)} - m_{000}^{(00)}m_{100}^{(20)}m_{101}^{(21)}m_{040}^{(22)}\\
&+2m_{000}^{(00)}m_{100}^{(20)}m_{101}^{(21)}m_{031}^{(21)} - m_{000}^{(00)}m_{100}^{(20)}m_{101}^{(21)}m_{022}^{(11)} + m_{000}^{(00)}m_{100}^{(20)}m_{020}^{(21)}m_{121}^{(22)}\\
&-3m_{000}^{(00)}m_{100}^{(20)}m_{020}^{(21)}m_{112}^{(21)} + 2m_{000}^{(00)}m_{100}^{(20)}m_{020}^{(21)}m_{103}^{(11)} + m_{000}^{(00)}m_{100}^{(20)}m_{020}^{(21)}m_{022}^{(20)}\\
&-m_{000}^{(00)}m_{100}^{(20)}m_{020}^{(21)}m_{013}^{(10)} - m_{000}^{(00)}m_{100}^{(20)}m_{020}^{(22)}m_{130}^{(22)} + 3m_{000}^{(00)}m_{100}^{(20)}m_{020}^{(22)}m_{121}^{(21)}\\
&-2m_{000}^{(00)}m_{100}^{(20)}m_{020}^{(22)}m_{112}^{(11)} - m_{000}^{(00)}m_{100}^{(20)}m_{020}^{(22)}m_{031}^{(20)} + m_{000}^{(00)}m_{100}^{(20)}m_{020}^{(22)}m_{022}^{(10)}\\
&-m_{000}^{(00)}m_{100}^{(20)}m_{011}^{(11)}m_{121}^{(22)} + 3m_{000}^{(00)}m_{100}^{(20)}m_{011}^{(11)}m_{112}^{(21)} - 2m_{000}^{(00)}m_{100}^{(20)}m_{011}^{(11)}m_{103}^{(11)}\\
&-m_{000}^{(00)}m_{100}^{(20)}m_{011}^{(11)}m_{022}^{(20)} + m_{000}^{(00)}m_{100}^{(20)}m_{011}^{(11)}m_{013}^{(10)} + m_{000}^{(00)}m_{100}^{(20)}m_{011}^{(21)}m_{130}^{(22)}\\
&-2m_{000}^{(00)}m_{100}^{(20)}m_{011}^{(21)}m_{121}^{(21)} + m_{000}^{(00)}m_{100}^{(20)}m_{011}^{(21)}m_{112}^{(11)} - m_{000}^{(00)}m_{100}^{(20)}m_{011}^{(22)}m_{130}^{(21)}\\
&+m_{000}^{(00)}m_{100}^{(20)}m_{011}^{(22)}m_{121}^{(11)} + m_{000}^{(00)}m_{100}^{(20)}m_{011}^{(22)}m_{040}^{(20)} - m_{000}^{(00)}m_{100}^{(20)}m_{011}^{(22)}m_{031}^{(10)}
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&-m_{000}^{(00)}m_{100}^{(20)}m_{002}^{(11)}m_{121}^{(21)}+m_{000}^{(00)}m_{100}^{(20)}m_{002}^{(11)}m_{112}^{(11)}+m_{000}^{(00)}m_{100}^{(20)}m_{002}^{(11)}m_{031}^{(20)}\\
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&+2m_{000}^{(00)}m_{100}^{(21)}m_{101}^{(11)}m_{022}^{(20)}-2m_{000}^{(00)}m_{100}^{(21)}m_{101}^{(11)}m_{013}^{(10)}+m_{000}^{(00)}m_{100}^{(21)}m_{101}^{(21)}m_{130}^{(22)}\\
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&-m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(21)}m_{211}^{(11)}-m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(21)}m_{130}^{(20)}+m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(21)}m_{121}^{(10)}\\
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&+m_{000}^{(00)}m_{010}^{(00)}m_{020}^{(22)}m_{022}^{(20)}-m_{000}^{(00)}m_{010}^{(00)}m_{020}^{(22)}m_{013}^{(10)}-m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(11)}m_{112}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(11)}m_{103}^{(21)}+m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(11)}m_{013}^{(20)}-m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(11)}m_{004}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(22)}m_{130}^{(22)}-m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(22)}m_{121}^{(21)}-m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(22)}m_{031}^{(20)}\\
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&+m_{000}^{(00)}m_{010}^{(00)}m_{002}^{(21)}m_{121}^{(21)}+m_{000}^{(00)}m_{010}^{(00)}m_{002}^{(21)}m_{031}^{(20)}-m_{000}^{(00)}m_{010}^{(00)}m_{002}^{(21)}m_{022}^{(10)}\\
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&-m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(21)}m_{004}^{(10)}+m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(22)}m_{121}^{(22)}-m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(22)}m_{112}^{(21)}
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&-m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(22)}m_{022}^{(20)} + m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(22)}m_{013}^{(10)} + m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(11)}m_{112}^{(22)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(11)}m_{103}^{(21)} - m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(11)}m_{013}^{(20)} + m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(11)}m_{004}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(21)}m_{121}^{(22)} + m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(21)}m_{112}^{(21)} + m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(21)}m_{022}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(21)}m_{013}^{(10)} - m_{000}^{(00)}m_{010}^{(10)}m_{020}^{(21)}m_{202}^{(22)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{020}^{(21)}m_{103}^{(20)}\\
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&+m_{000}^{(00)}m_{010}^{(10)}m_{020}^{(22)}m_{013}^{(00)} + m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(11)}m_{202}^{(22)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(11)}m_{103}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(11)}m_{004}^{(00)} + m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{211}^{(22)} - m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{202}^{(21)}\\
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&+3m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(11)}m_{112}^{(20)} - m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(11)}m_{103}^{(10)} - m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(11)}m_{013}^{(00)}\\
&+2m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(21)}m_{220}^{(22)} - m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(21)}m_{211}^{(21)} - 3m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(21)}m_{121}^{(20)}\\
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&+2m_{000}^{(00)}m_{010}^{(11)}m_{110}^{(22)}m_{112}^{(20)} - m_{000}^{(00)}m_{010}^{(11)}m_{110}^{(22)}m_{013}^{(00)} - m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(11)}m_{202}^{(22)}\\
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&-2m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(11)}m_{202}^{(20)} + m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(11)}m_{103}^{(00)} - m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(21)}m_{310}^{(22)}\\
&+2m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(21)}m_{211}^{(20)} - m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(21)}m_{112}^{(00)} + m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{121}^{(22)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{112}^{(21)} - m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{022}^{(20)} + m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{013}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(22)}m_{130}^{(22)} + m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(22)}m_{121}^{(21)} + m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(22)}m_{031}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(22)}m_{022}^{(10)} - m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(11)}m_{121}^{(22)} + m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(11)}m_{112}^{(21)}\\
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&-m_{000}^{(00)}m_{010}^{(20)}m_{020}^{(21)}m_{211}^{(22)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{020}^{(21)}m_{202}^{(21)} - 2m_{000}^{(00)}m_{010}^{(20)}m_{020}^{(21)}m_{103}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{020}^{(21)}m_{013}^{(00)} + m_{000}^{(00)}m_{010}^{(20)}m_{020}^{(22)}m_{220}^{(22)} - 2m_{000}^{(00)}m_{010}^{(20)}m_{020}^{(22)}m_{211}^{(21)}\\
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&-m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(22)}m_{112}^{(10)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(22)}m_{022}^{(00)} + m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(11)}m_{211}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(11)}m_{202}^{(21)} - 3m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(11)}m_{112}^{(20)} - m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(11)}m_{103}^{(10)}\\
&+2m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(11)}m_{013}^{(00)} - m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{220}^{(22)} - m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{211}^{(21)}\\
&+3m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{121}^{(20)} + m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{112}^{(10)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{022}^{(00)}\\
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&+m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{310}^{(22)} + m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{301}^{(21)} - 3m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{211}^{(20)}\\
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&-m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(11)}m_{112}^{(00)} + m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(21)}m_{310}^{(21)} - m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(21)}m_{220}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(21)}m_{211}^{(10)} + m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(21)}m_{121}^{(00)} + m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{211}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{121}^{(20)} - m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{112}^{(10)} + m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{022}^{(00)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(22)}m_{220}^{(21)} + m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(22)}m_{130}^{(20)} + m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(22)}m_{121}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(22)}m_{031}^{(00)} - m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(11)}m_{211}^{(21)} + m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(11)}m_{121}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(11)}m_{112}^{(10)} - m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(11)}m_{022}^{(00)} + m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(21)}m_{220}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(21)}m_{130}^{(20)} - m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(21)}m_{121}^{(10)} + m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(21)}m_{031}^{(00)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{020}^{(21)}m_{301}^{(21)} + m_{000}^{(00)}m_{010}^{(22)}m_{020}^{(21)}m_{211}^{(20)} + m_{000}^{(00)}m_{010}^{(22)}m_{020}^{(21)}m_{202}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{020}^{(21)}m_{112}^{(00)} + m_{000}^{(00)}m_{010}^{(22)}m_{020}^{(22)}m_{310}^{(21)} - m_{000}^{(00)}m_{010}^{(22)}m_{020}^{(22)}m_{220}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{020}^{(22)}m_{211}^{(10)} + m_{000}^{(00)}m_{010}^{(22)}m_{020}^{(22)}m_{121}^{(00)} + m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(11)}m_{301}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(11)}m_{211}^{(20)} - m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(11)}m_{202}^{(10)} + m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(11)}m_{112}^{(00)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{310}^{(21)} + m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{220}^{(20)} + m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{211}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{121}^{(00)} - m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(21)}m_{112}^{(21)} + m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(21)}m_{103}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(21)}m_{022}^{(20)} - m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(21)}m_{013}^{(10)} + m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(22)}m_{121}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(22)}m_{112}^{(11)} - m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(22)}m_{031}^{(20)} + m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(22)}m_{022}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(11)}m_{112}^{(21)} - m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(11)}m_{103}^{(11)} - m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(11)}m_{022}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(11)}m_{013}^{(10)} - m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(22)}m_{130}^{(21)} + m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(22)}m_{121}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(22)}m_{040}^{(20)} - m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(22)}m_{031}^{(10)} - m_{000}^{(00)}m_{001}^{(00)}m_{002}^{(11)}m_{121}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(00)}m_{002}^{(11)}m_{112}^{(11)} + m_{000}^{(00)}m_{001}^{(00)}m_{002}^{(11)}m_{031}^{(20)} - m_{000}^{(00)}m_{001}^{(00)}m_{002}^{(11)}m_{022}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(00)}m_{002}^{(21)}m_{130}^{(21)} - m_{000}^{(00)}m_{001}^{(00)}m_{002}^{(21)}m_{121}^{(11)} - m_{000}^{(00)}m_{001}^{(00)}m_{002}^{(21)}m_{040}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(00)}m_{002}^{(21)}m_{031}^{(10)} + m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{112}^{(21)} - m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{103}^{(11)}\\
&-m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{022}^{(20)} + m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{013}^{(10)} - m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{121}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{112}^{(11)} + m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{031}^{(20)} - m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{022}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(11)}m_{112}^{(21)} + m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(11)}m_{103}^{(11)} + m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(11)}m_{022}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(11)}m_{013}^{(10)} + m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{121}^{(21)} - m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{112}^{(11)}\\
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&-m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{112}^{(20)} - m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{103}^{(10)} + m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{013}^{(00)}
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&-m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{211}^{(21)}+m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{121}^{(20)}+m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{112}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{022}^{(00)}-m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{202}^{(21)}+m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{112}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{103}^{(10)}-m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{013}^{(00)}-m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{211}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{202}^{(11)}+m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{121}^{(20)}-m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{112}^{(10)}\\
&+2m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{220}^{(21)}-m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{211}^{(11)}-2m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{130}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{031}^{(00)}+2m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{211}^{(21)}-m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{202}^{(11)}\\
&-2m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{121}^{(20)}+m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{022}^{(00)}-2m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{220}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{211}^{(11)}+2m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{130}^{(20)}-m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{031}^{(00)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(21)}m_{202}^{(21)}+m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(21)}m_{112}^{(20)}+m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(21)}m_{103}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(21)}m_{013}^{(00)}+m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(22)}m_{211}^{(21)}-m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(22)}m_{121}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(22)}m_{112}^{(10)}+m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(22)}m_{022}^{(00)}+m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(11)}m_{202}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(11)}m_{112}^{(20)}-m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(11)}m_{103}^{(10)}+m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(11)}m_{013}^{(00)}\\
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&-m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{022}^{(00)}+m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{301}^{(21)}-m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{211}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{202}^{(10)}+m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{112}^{(00)}-m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(22)}m_{310}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(22)}m_{220}^{(20)}+m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(22)}m_{211}^{(10)}-m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(22)}m_{121}^{(00)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(11)}m_{301}^{(21)}+m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(11)}m_{211}^{(20)}+m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(11)}m_{202}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(11)}m_{112}^{(00)}+m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{310}^{(21)}-m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{220}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{211}^{(10)}+m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{121}^{(00)}-m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{121}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{112}^{(11)}+m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{031}^{(20)}-m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{022}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(22)}m_{130}^{(21)}-m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(22)}m_{121}^{(11)}-m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(22)}m_{040}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(22)}m_{031}^{(10)}+m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{121}^{(21)}-m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{112}^{(11)}\\
&-m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{031}^{(20)}+m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{022}^{(10)}-m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{130}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{121}^{(11)}+m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{040}^{(20)}-m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{031}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{211}^{(21)}-2m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{202}^{(11)}-m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{121}^{(20)}\\
&+3m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{112}^{(10)}-m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{022}^{(00)}-m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(22)}m_{220}^{(21)}\\
&+2m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(22)}m_{211}^{(11)}+m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(22)}m_{130}^{(20)}-3m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(22)}m_{121}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(22)}m_{031}^{(00)}-m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{211}^{(21)}+2m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{202}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{121}^{(20)}-3m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{112}^{(10)}+m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{022}^{(00)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{220}^{(21)}-m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{211}^{(11)}-m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{130}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{121}^{(10)}-m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(22)}m_{220}^{(11)}+2m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(22)}m_{130}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(22)}m_{040}^{(00)}-m_{000}^{(00)}m_{001}^{(20)}m_{002}^{(11)}m_{211}^{(11)}+2m_{000}^{(00)}m_{001}^{(20)}m_{002}^{(11)}m_{121}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(20)}m_{002}^{(11)}m_{031}^{(00)}+m_{000}^{(00)}m_{001}^{(20)}m_{002}^{(21)}m_{220}^{(11)}-2m_{000}^{(00)}m_{001}^{(20)}m_{002}^{(21)}m_{130}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{002}^{(21)}m_{040}^{(00)}+m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{211}^{(21)}+m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{202}^{(11)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{121}^{(20)}-3m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{112}^{(10)}+2m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{022}^{(00)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(22)}m_{220}^{(21)}-m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(22)}m_{211}^{(11)}+m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(22)}m_{130}^{(20)}\\
&+3m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(22)}m_{121}^{(10)}-2m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(22)}m_{031}^{(00)}-m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{211}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{202}^{(11)}+m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{121}^{(20)}+3m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{112}^{(10)}
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&-2m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{022}^{(00)} + m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{220}^{(21)} + m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{211}^{(11)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{130}^{(20)} - 3m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{121}^{(10)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{031}^{(00)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{301}^{(21)} + m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{211}^{(20)} + m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{202}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{112}^{(00)} + m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{310}^{(21)} - m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{220}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{211}^{(10)} + m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{121}^{(00)} + m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{301}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{211}^{(20)} - m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{202}^{(10)} + m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{112}^{(00)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{310}^{(21)} - m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{301}^{(11)} + m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{220}^{(20)}\\
&+3m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{211}^{(10)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{121}^{(00)} + m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(22)}m_{310}^{(11)}\\
&-2m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(22)}m_{220}^{(10)} + m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(22)}m_{130}^{(00)} + m_{000}^{(00)}m_{001}^{(21)}m_{002}^{(11)}m_{301}^{(11)}\\
&-2m_{000}^{(00)}m_{001}^{(21)}m_{002}^{(11)}m_{211}^{(10)} + m_{000}^{(00)}m_{001}^{(21)}m_{002}^{(11)}m_{121}^{(00)} - m_{000}^{(00)}m_{001}^{(21)}m_{002}^{(21)}m_{310}^{(11)}\\
&+2m_{000}^{(00)}m_{001}^{(21)}m_{002}^{(21)}m_{220}^{(10)} - m_{000}^{(00)}m_{001}^{(21)}m_{002}^{(21)}m_{130}^{(00)} - m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(21)}m_{211}^{(11)}\\
&+2m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(21)}m_{121}^{(10)} - m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(21)}m_{031}^{(00)} + m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(22)}m_{220}^{(11)}\\
&-2m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(22)}m_{130}^{(10)} + m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(22)}m_{040}^{(00)} + m_{000}^{(00)}m_{001}^{(22)}m_{101}^{(11)}m_{211}^{(11)}\\
&-2m_{000}^{(00)}m_{001}^{(22)}m_{101}^{(11)}m_{121}^{(10)} + m_{000}^{(00)}m_{001}^{(22)}m_{101}^{(11)}m_{031}^{(00)} - m_{000}^{(00)}m_{001}^{(22)}m_{101}^{(21)}m_{220}^{(11)}\\
&+2m_{000}^{(00)}m_{001}^{(22)}m_{101}^{(21)}m_{130}^{(10)} - m_{000}^{(00)}m_{001}^{(22)}m_{101}^{(21)}m_{040}^{(00)} + m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(21)}m_{301}^{(11)}\\
&-2m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(21)}m_{211}^{(10)} + m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(21)}m_{121}^{(00)} - m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(22)}m_{310}^{(11)}\\
&+2m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(22)}m_{220}^{(10)} - m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(22)}m_{130}^{(00)} - m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(11)}m_{301}^{(11)}\\
&+2m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(11)}m_{211}^{(10)} - m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(11)}m_{121}^{(00)} + m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(21)}m_{310}^{(11)}\\
&-2m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(21)}m_{220}^{(10)} + m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(21)}m_{130}^{(00)} + m_{000}^{(10)}m_{100}^{(00)}m_{110}^{(21)}m_{022}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(00)}m_{110}^{(21)}m_{013}^{(21)} + m_{000}^{(10)}m_{100}^{(00)}m_{110}^{(21)}m_{004}^{(11)} - m_{000}^{(10)}m_{100}^{(00)}m_{110}^{(22)}m_{031}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(00)}m_{110}^{(22)}m_{022}^{(21)} - m_{000}^{(10)}m_{100}^{(00)}m_{110}^{(22)}m_{013}^{(11)} - m_{000}^{(10)}m_{100}^{(00)}m_{101}^{(21)}m_{031}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(00)}m_{101}^{(21)}m_{022}^{(21)} - m_{000}^{(10)}m_{100}^{(00)}m_{101}^{(21)}m_{013}^{(11)} + m_{000}^{(10)}m_{100}^{(00)}m_{101}^{(22)}m_{040}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(00)}m_{101}^{(22)}m_{031}^{(21)} + m_{000}^{(10)}m_{100}^{(00)}m_{101}^{(22)}m_{022}^{(11)} + m_{000}^{(10)}m_{100}^{(00)}m_{020}^{(20)}m_{022}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(00)}m_{020}^{(20)}m_{013}^{(21)} + m_{000}^{(10)}m_{100}^{(00)}m_{020}^{(20)}m_{004}^{(11)} - m_{000}^{(10)}m_{100}^{(00)}m_{020}^{(22)}m_{121}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(00)}m_{020}^{(22)}m_{112}^{(21)} - m_{000}^{(10)}m_{100}^{(00)}m_{020}^{(22)}m_{103}^{(11)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(10)}m_{022}^{(22)}\\
&+4m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(10)}m_{013}^{(21)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(10)}m_{004}^{(11)} + m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(21)}m_{121}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(21)}m_{112}^{(21)} + m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(21)}m_{103}^{(11)} + m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(22)}m_{130}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(22)}m_{121}^{(21)} + m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(22)}m_{112}^{(11)} + 2m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(10)}m_{031}^{(22)}\\
&-4m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(10)}m_{022}^{(21)} + 2m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(10)}m_{013}^{(11)} - m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(20)}m_{040}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(20)}m_{031}^{(21)} - m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(20)}m_{022}^{(11)} - m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(21)}m_{130}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(21)}m_{121}^{(21)} - m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(21)}m_{112}^{(11)} - m_{000}^{(10)}m_{100}^{(10)}m_{200}^{(21)}m_{022}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{200}^{(21)}m_{013}^{(21)} - m_{000}^{(10)}m_{100}^{(10)}m_{200}^{(21)}m_{004}^{(11)} + m_{000}^{(10)}m_{100}^{(10)}m_{200}^{(22)}m_{031}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{200}^{(22)}m_{022}^{(21)} + m_{000}^{(10)}m_{100}^{(10)}m_{200}^{(22)}m_{013}^{(11)} - m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(20)}m_{022}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(20)}m_{013}^{(21)} - m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(20)}m_{004}^{(11)} - m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(21)}m_{112}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(21)}m_{103}^{(21)} + m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(21)}m_{013}^{(20)} - m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(21)}m_{004}^{(10)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(22)}m_{121}^{(22)} - 3m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(22)}m_{112}^{(21)} + m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(22)}m_{103}^{(11)}\\
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\begin{aligned}
&+2m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(20)}m_{022}^{(21)} - m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(20)}m_{013}^{(11)} + m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(21)}m_{121}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(21)}m_{112}^{(21)} - m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(21)}m_{022}^{(20)} + m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(21)}m_{013}^{(10)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(22)}m_{130}^{(22)} + 3m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(22)}m_{121}^{(21)} - m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(22)}m_{112}^{(11)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(22)}m_{031}^{(20)} - m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(22)}m_{022}^{(10)} - m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(20)}m_{112}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(20)}m_{103}^{(21)} + m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(20)}m_{013}^{(20)} - m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(20)}m_{004}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(22)}m_{211}^{(22)} - m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(22)}m_{202}^{(21)} - m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(22)}m_{112}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(22)}m_{103}^{(10)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(10)}m_{112}^{(22)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(10)}m_{103}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(10)}m_{013}^{(20)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(10)}m_{004}^{(10)} + m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(20)}m_{121}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(20)}m_{112}^{(21)} + m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(20)}m_{103}^{(11)} - m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(21)}m_{211}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(21)}m_{202}^{(21)} + m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(21)}m_{112}^{(20)} - m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(21)}m_{103}^{(10)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(22)}m_{220}^{(22)} + 3m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(22)}m_{211}^{(21)} - m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(22)}m_{202}^{(11)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(22)}m_{121}^{(20)} - m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(22)}m_{112}^{(10)} - 4m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(10)}m_{121}^{(22)}\\
&+6m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(10)}m_{112}^{(21)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(10)}m_{103}^{(11)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(10)}m_{022}^{(20)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(10)}m_{013}^{(10)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(20)}m_{130}^{(22)} - 3m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(20)}m_{121}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(20)}m_{112}^{(11)} - m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(20)}m_{031}^{(20)} + m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(20)}m_{022}^{(10)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(21)}m_{220}^{(22)} - 3m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(21)}m_{211}^{(21)} + m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(21)}m_{202}^{(11)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(21)}m_{121}^{(20)} + m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(21)}m_{112}^{(10)} + m_{000}^{(10)}m_{100}^{(11)}m_{200}^{(21)}m_{112}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{200}^{(21)}m_{103}^{(21)} - m_{000}^{(10)}m_{100}^{(11)}m_{200}^{(21)}m_{013}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{200}^{(21)}m_{004}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{200}^{(22)}m_{121}^{(22)} + m_{000}^{(10)}m_{100}^{(11)}m_{200}^{(22)}m_{112}^{(21)} + m_{000}^{(10)}m_{100}^{(11)}m_{200}^{(22)}m_{022}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{200}^{(22)}m_{013}^{(10)} + m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(20)}m_{112}^{(22)} - m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(20)}m_{103}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(20)}m_{013}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(20)}m_{004}^{(10)} - m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(22)}m_{211}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(22)}m_{202}^{(21)} + m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(22)}m_{112}^{(20)} - m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(22)}m_{103}^{(10)}\\
&-2m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(10)}m_{112}^{(22)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(10)}m_{103}^{(21)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(10)}m_{013}^{(20)}\\
&-2m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(10)}m_{004}^{(10)} + m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(20)}m_{121}^{(22)} - m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(20)}m_{112}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(20)}m_{022}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(20)}m_{013}^{(10)} + m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(22)}m_{220}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(22)}m_{211}^{(21)} - m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(22)}m_{121}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(22)}m_{112}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(20)}m_{211}^{(22)} + m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(20)}m_{202}^{(21)} + m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(20)}m_{112}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(20)}m_{103}^{(10)} + m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(22)}m_{310}^{(22)} - m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(22)}m_{301}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(22)}m_{211}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(22)}m_{202}^{(10)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(10)}m_{002}^{(22)}m_{211}\\
&-2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(10)}m_{002}^{(21)}m_{202} - 2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(10)}m_{002}^{(20)}m_{112} + 2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(10)}m_{002}^{(10)}m_{103}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(20)}m_{220}^{(22)} + m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(20)}m_{211}^{(21)} + m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(20)}m_{121}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(20)}m_{112}^{(10)} - m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(21)}m_{310}^{(22)} + m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(21)}m_{301}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(21)}m_{211}^{(20)} - m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(21)}m_{202}^{(10)} + m_{000}^{(10)}m_{100}^{(20)}m_{200}^{(21)}m_{031}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(20)}m_{200}^{(21)}m_{022}^{(21)} + m_{000}^{(10)}m_{100}^{(20)}m_{200}^{(21)}m_{013}^{(11)} - m_{000}^{(10)}m_{100}^{(20)}m_{200}^{(22)}m_{040}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{200}^{(22)}m_{031}^{(21)} - m_{000}^{(10)}m_{100}^{(20)}m_{200}^{(22)}m_{022}^{(11)} + m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(20)}m_{031}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(20)}m_{022}^{(21)} + m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(20)}m_{013}^{(11)} - m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{121}^{(22)}\\
&+3m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{112}^{(21)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{103}^{(11)} - m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{022}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{013}^{(10)} - m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(22)}m_{121}^{(21)} + m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(22)}m_{112}^{(11)}
\end{aligned}
$$

$$+m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(22)}m_{031}^{(20)} - m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(22)}m_{022}^{(10)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(10)}m_{031}^{(22)}$$
$$+4m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(10)}m_{022}^{(21)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(10)}m_{013}^{(11)} + m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(20)}m_{040}^{(22)}$$
$$-2m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(20)}m_{031}^{(21)} + m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(20)}m_{022}^{(11)} + m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{130}^{(22)}$$
$$-3m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{121}^{(21)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{112}^{(11)} + m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{031}^{(20)}$$
$$-m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{022}^{(10)} + m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(22)}m_{130}^{(21)} - m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(22)}m_{121}^{(11)}$$
$$-m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(22)}m_{040}^{(20)} + m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(22)}m_{031}^{(10)} - m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(20)}m_{121}^{(22)}$$
$$+3m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(20)}m_{112}^{(21)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(20)}m_{103}^{(11)} - m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(20)}m_{022}^{(20)}$$
$$+m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(20)}m_{013}^{(10)} + m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(22)}m_{220}^{(22)} - 3m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(22)}m_{211}^{(21)}$$
$$+2m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(22)}m_{202}^{(11)} + m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(22)}m_{121}^{(20)} - m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(22)}m_{112}^{(10)}$$
$$+2m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(10)}m_{121}^{(22)} - 6m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(10)}m_{112}^{(21)} + 4m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(10)}m_{103}^{(11)}$$
$$+2m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(10)}m_{022}^{(20)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(10)}m_{013}^{(10)} - m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(20)}m_{130}^{(22)}$$
$$+2m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(20)}m_{121}^{(21)} - m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(20)}m_{112}^{(11)} - m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{220}^{(22)}$$
$$+3m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{211}^{(21)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{202}^{(11)} - m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{121}^{(20)}$$
$$+m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{112}^{(10)} + m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(22)}m_{220}^{(21)} - m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(22)}m_{211}^{(11)}$$
$$-m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(22)}m_{130}^{(20)} + m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(22)}m_{121}^{(10)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(10)}m_{121}^{(21)}$$
$$-2m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(10)}m_{112}^{(11)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(10)}m_{031}^{(20)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(10)}m_{022}^{(10)}$$
$$-m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(20)}m_{130}^{(21)} + m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(20)}m_{121}^{(11)} + m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(20)}m_{040}^{(20)}$$
$$-m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(20)}m_{031}^{(10)} - m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(21)}m_{220}^{(21)} + m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(21)}m_{211}^{(11)}$$
$$+m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(21)}m_{130}^{(20)} - m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(21)}m_{121}^{(10)} - m_{000}^{(10)}m_{100}^{(21)}m_{200}^{(21)}m_{121}^{(22)}$$
$$+m_{000}^{(10)}m_{100}^{(21)}m_{200}^{(21)}m_{103}^{(11)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{200}^{(21)}m_{022}^{(20)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{200}^{(21)}m_{013}^{(10)}$$
$$+m_{000}^{(10)}m_{100}^{(21)}m_{200}^{(22)}m_{130}^{(22)} - m_{000}^{(10)}m_{100}^{(21)}m_{200}^{(22)}m_{112}^{(11)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{200}^{(22)}m_{031}^{(20)}$$
$$+2m_{000}^{(10)}m_{100}^{(21)}m_{200}^{(22)}m_{022}^{(10)} - m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(20)}m_{121}^{(22)} + m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(20)}m_{103}^{(11)}$$
$$+2m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(20)}m_{022}^{(20)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(20)}m_{013}^{(10)} + m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{211}^{(22)}$$
$$-m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{202}^{(21)} - m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{112}^{(20)} + m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{103}^{(10)}$$
$$+m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(22)}m_{211}^{(21)} - m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(22)}m_{202}^{(11)} - m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(22)}m_{121}^{(20)}$$
$$+m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(22)}m_{112}^{(10)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(10)}m_{121}^{(22)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(10)}m_{103}^{(11)}$$
$$-4m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(10)}m_{022}^{(20)} + 4m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(10)}m_{013}^{(10)} - m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(20)}m_{130}^{(22)}$$
$$+m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(20)}m_{112}^{(11)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(20)}m_{031}^{(20)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(20)}m_{022}^{(10)}$$
$$-m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{220}^{(22)} + m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{211}^{(21)} + m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{121}^{(20)}$$
$$-m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{112}^{(10)} - m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(22)}m_{220}^{(21)} + m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(22)}m_{211}^{(11)}$$
$$+m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(22)}m_{130}^{(20)} - m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(22)}m_{121}^{(10)} + m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(20)}m_{211}^{(22)}$$
$$-m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(20)}m_{202}^{(21)} - m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(20)}m_{112}^{(20)} + m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(20)}m_{103}^{(10)}$$
$$-m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(22)}m_{310}^{(22)} + m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(22)}m_{301}^{(21)} + m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(22)}m_{211}^{(20)}$$
$$-m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(22)}m_{202}^{(10)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{211}^{(22)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{202}^{(21)}$$
$$+2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{112}^{(20)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{103}^{(10)} + m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{220}^{(22)}$$
$$-m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{202}^{(11)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{121}^{(20)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{112}^{(10)}$$
$$+m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{310}^{(22)} - m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{301}^{(21)} - m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{211}^{(20)}$$
$$+m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{202}^{(10)} - m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(22)}m_{310}^{(21)} + m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(22)}m_{301}^{(11)}$$

$$+m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(22)}m_{220}^{(20)} - m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(22)}m_{211}^{(10)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{211}^{(21)}$$
$$+2m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{202}^{(11)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{121}^{(20)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{112}^{(10)}$$
$$+m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(20)}m_{220}^{(21)} - m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(20)}m_{211}^{(11)} - m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(20)}m_{130}^{(20)}$$
$$+m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(20)}m_{121}^{(10)} + m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(21)}m_{310}^{(21)} - m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(21)}m_{301}^{(11)}$$
$$-m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(21)}m_{220}^{(20)} + m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(21)}m_{211}^{(10)} + m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(21)}m_{121}^{(21)}$$
$$-m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(21)}m_{112}^{(11)} - m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(21)}m_{031}^{(20)} + m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(21)}m_{022}^{(10)}$$
$$-m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(22)}m_{130}^{(21)} + m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(22)}m_{121}^{(11)} + m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(22)}m_{040}^{(20)}$$
$$-m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(22)}m_{031}^{(10)} + m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(20)}m_{121}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(20)}m_{112}^{(11)}$$
$$-m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(20)}m_{031}^{(20)} + m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(20)}m_{022}^{(10)} - m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{211}^{(21)}$$
$$+m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{202}^{(11)} + m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{121}^{(20)} - m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{112}^{(10)}$$
$$-2m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(10)}m_{121}^{(21)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(10)}m_{112}^{(11)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(10)}m_{031}^{(20)}$$
$$-2m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(10)}m_{022}^{(10)} + m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(20)}m_{130}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(20)}m_{121}^{(11)}$$
$$-m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(20)}m_{040}^{(20)} + m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(20)}m_{031}^{(10)} + m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(21)}m_{220}^{(21)}$$
$$-m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(21)}m_{211}^{(11)} - m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(21)}m_{130}^{(20)} + m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(21)}m_{121}^{(10)}$$
$$-m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(20)}m_{211}^{(21)} + m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(20)}m_{202}^{(11)} + m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(20)}m_{121}^{(20)}$$
$$-m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(20)}m_{112}^{(10)} + m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(22)}m_{310}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(22)}m_{301}^{(11)}$$
$$-m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(22)}m_{220}^{(20)} + m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(22)}m_{211}^{(10)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(10)}m_{211}^{(21)}$$
$$-2m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(10)}m_{202}^{(11)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(10)}m_{121}^{(20)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(10)}m_{112}^{(10)}$$
$$-m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(20)}m_{220}^{(21)} + m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(20)}m_{211}^{(11)} + m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(20)}m_{130}^{(20)}$$
$$-m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(20)}m_{121}^{(10)} - m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(21)}m_{310}^{(21)} + m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(21)}m_{301}^{(11)}$$
$$+m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(21)}m_{220}^{(20)} - m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(21)}m_{211}^{(10)} - m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(21)}m_{112}^{(22)}$$
$$+m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(21)}m_{103}^{(21)} + m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(21)}m_{013}^{(20)} - m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(21)}m_{004}^{(10)}$$
$$+m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(22)}m_{121}^{(22)} - m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(22)}m_{112}^{(21)} - m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(22)}m_{022}^{(20)}$$
$$+m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(22)}m_{013}^{(10)} + m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(21)}m_{121}^{(22)} - m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(21)}m_{112}^{(21)}$$
$$-m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(21)}m_{022}^{(20)} + m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(21)}m_{013}^{(10)} - m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(22)}m_{130}^{(22)}$$
$$+m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(22)}m_{121}^{(21)} + m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(22)}m_{031}^{(20)} - m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(22)}m_{022}^{(10)}$$
$$-m_{000}^{(10)}m_{010}^{(00)}m_{020}^{(20)}m_{112}^{(22)} + m_{000}^{(10)}m_{010}^{(00)}m_{020}^{(20)}m_{103}^{(21)} + m_{000}^{(10)}m_{010}^{(00)}m_{020}^{(20)}m_{013}^{(20)}$$
$$-m_{000}^{(10)}m_{010}^{(00)}m_{020}^{(20)}m_{004}^{(10)} + m_{000}^{(10)}m_{010}^{(00)}m_{020}^{(22)}m_{211}^{(22)} - m_{000}^{(10)}m_{010}^{(00)}m_{020}^{(22)}m_{202}^{(21)}$$
$$-m_{000}^{(10)}m_{010}^{(00)}m_{020}^{(22)}m_{112}^{(20)} + m_{000}^{(10)}m_{010}^{(00)}m_{020}^{(22)}m_{103}^{(10)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(10)}m_{112}^{(22)}$$
$$-2m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(10)}m_{103}^{(21)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(10)}m_{013}^{(20)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(10)}m_{004}^{(10)}$$
$$-m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{211}^{(22)} + m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{202}^{(21)} + m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{112}^{(20)}$$
$$-m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{103}^{(10)} - m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(22)}m_{220}^{(22)} + m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(22)}m_{211}^{(21)}$$
$$+m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(22)}m_{121}^{(20)} - m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(22)}m_{112}^{(10)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(10)}m_{121}^{(22)}$$
$$+2m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(10)}m_{112}^{(21)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(10)}m_{022}^{(20)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(10)}m_{013}^{(10)}$$
$$+m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(20)}m_{130}^{(22)} - m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(20)}m_{121}^{(21)} - m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(20)}m_{031}^{(20)}$$
$$+m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(20)}m_{022}^{(10)} + m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(21)}m_{220}^{(22)} - m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(21)}m_{211}^{(21)}$$
$$-m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(21)}m_{121}^{(20)} + m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(21)}m_{112}^{(10)} + m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(21)}m_{112}^{(22)}$$
$$-m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(21)}m_{103}^{(21)} - m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(21)}m_{013}^{(20)} + m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(21)}m_{004}^{(10)}$$

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\begin{aligned}
&-m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(22)}m_{121}^{(22)} + m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(22)}m_{112}^{(21)} + m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(22)}m_{022}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(22)}m_{013}^{(10)} + m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(20)}m_{112}^{(22)} - m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(20)}m_{103}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(20)}m_{013}^{(20)} + m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(20)}m_{004}^{(10)} + m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(21)}m_{202}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(21)}m_{103}^{(20)} + m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(21)}m_{004}^{(00)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(22)}m_{211}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(22)}m_{202}^{(21)} + 3m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(22)}m_{112}^{(20)} - m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(22)}m_{103}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(22)}m_{013}^{(00)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(10)}m_{112}^{(22)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(10)}m_{103}^{(21)}\\
&+2m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(10)}m_{013}^{(20)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(10)}m_{004}^{(10)} + m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(20)}m_{121}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(20)}m_{112}^{(21)} - m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(20)}m_{022}^{(20)} + m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(20)}m_{013}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(21)}m_{211}^{(22)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(21)}m_{112}^{(20)} - m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(21)}m_{013}^{(00)}\\
&+2m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{220}^{(22)} - m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{211}^{(21)} - 3m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{121}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{112}^{(10)} + m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{022}^{(00)} + m_{000}^{(10)}m_{010}^{(10)}m_{020}^{(20)}m_{202}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(10)}m_{020}^{(20)}m_{103}^{(20)} + m_{000}^{(10)}m_{010}^{(10)}m_{020}^{(20)}m_{004}^{(00)} - m_{000}^{(10)}m_{010}^{(10)}m_{020}^{(22)}m_{301}^{(22)}\\
&+2m_{000}^{(10)}m_{010}^{(10)}m_{020}^{(22)}m_{202}^{(20)} - m_{000}^{(10)}m_{010}^{(10)}m_{020}^{(22)}m_{103}^{(00)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(10)}m_{202}^{(22)}\\
&+4m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(10)}m_{103}^{(20)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(10)}m_{004}^{(00)} - m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(20)}m_{211}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(20)}m_{202}^{(21)} + m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(20)}m_{112}^{(20)} - m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(20)}m_{103}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(21)}m_{301}^{(22)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(21)}m_{202}^{(20)} + m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(21)}m_{103}^{(00)}\\
&+2m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(22)}m_{310}^{(22)} - m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(22)}m_{301}^{(21)} - 3m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(22)}m_{211}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(22)}m_{202}^{(10)} + m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(22)}m_{112}^{(00)} + 4m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(10)}m_{211}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(10)}m_{202}^{(21)} - 6m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(10)}m_{112}^{(20)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(10)}m_{103}^{(10)}\\
&+2m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(10)}m_{013}^{(00)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(20)}m_{220}^{(22)} + m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(20)}m_{211}^{(21)}\\
&+3m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(20)}m_{121}^{(20)} - m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(20)}m_{112}^{(10)} - m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(20)}m_{022}^{(00)}\\
&-2m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(21)}m_{310}^{(22)} + m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(21)}m_{301}^{(21)} + 3m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(21)}m_{211}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(21)}m_{202}^{(10)} - m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(21)}m_{112}^{(00)} - m_{000}^{(10)}m_{010}^{(11)}m_{200}^{(21)}m_{202}^{(22)}\\
&+2m_{000}^{(10)}m_{010}^{(11)}m_{200}^{(21)}m_{103}^{(20)} - m_{000}^{(10)}m_{010}^{(11)}m_{200}^{(21)}m_{004}^{(00)} + m_{000}^{(10)}m_{010}^{(11)}m_{200}^{(22)}m_{211}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(11)}m_{200}^{(22)}m_{112}^{(20)} + m_{000}^{(10)}m_{010}^{(11)}m_{200}^{(22)}m_{013}^{(00)} - m_{000}^{(10)}m_{010}^{(11)}m_{110}^{(20)}m_{202}^{(22)}\\
&+2m_{000}^{(10)}m_{010}^{(11)}m_{110}^{(20)}m_{103}^{(20)} - m_{000}^{(10)}m_{010}^{(11)}m_{110}^{(20)}m_{004}^{(00)} + m_{000}^{(10)}m_{010}^{(11)}m_{110}^{(22)}m_{301}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(11)}m_{110}^{(22)}m_{202}^{(20)} + m_{000}^{(10)}m_{010}^{(11)}m_{110}^{(22)}m_{103}^{(00)} + 2m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(10)}m_{202}^{(22)}\\
&-4m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(10)}m_{103}^{(20)} + 2m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(10)}m_{004}^{(00)} - m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{211}^{(22)}\\
&+2m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{112}^{(20)} - m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{013}^{(00)} - m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(22)}m_{310}^{(22)}\\
&+2m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(22)}m_{211}^{(20)} - m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(22)}m_{112}^{(00)} + m_{000}^{(10)}m_{010}^{(11)}m_{011}^{(20)}m_{301}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(11)}m_{011}^{(20)}m_{202}^{(20)} + m_{000}^{(10)}m_{010}^{(11)}m_{011}^{(20)}m_{103}^{(00)} - m_{000}^{(10)}m_{010}^{(11)}m_{011}^{(22)}m_{400}^{(22)}\\
&+2m_{000}^{(10)}m_{010}^{(11)}m_{011}^{(22)}m_{301}^{(20)} - m_{000}^{(10)}m_{010}^{(11)}m_{011}^{(22)}m_{202}^{(00)} - 2m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(10)}m_{301}^{(22)}\\
&+4m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(10)}m_{202}^{(20)} - 2m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(10)}m_{103}^{(00)} + m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(20)}m_{310}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(20)}m_{211}^{(20)} + m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(20)}m_{112}^{(00)} + m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(21)}m_{400}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(21)}m_{301}^{(20)} + m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(21)}m_{202}^{(00)} - m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{121}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{112}^{(21)} + m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{022}^{(20)} - m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{013}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(22)}m_{130}^{(22)} - m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(22)}m_{121}^{(21)} - m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(22)}m_{031}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(22)}m_{022}^{(10)} - m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{121}^{(22)} + m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{112}^{(21)}
\end{aligned}
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$$+m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{022}^{(20)} - m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{013}^{(10)} + m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{211}^{(22)}$$
$$-2m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{202}^{(21)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{103}^{(10)} - m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{013}^{(00)}$$
$$+m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{211}^{(21)} - m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{121}^{(20)} - m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{112}^{(10)}$$
$$+m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{022}^{(00)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{121}^{(22)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{112}^{(21)}$$
$$-2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{022}^{(20)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{013}^{(10)} - m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(20)}m_{130}^{(22)}$$
$$+m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(20)}m_{121}^{(21)} + m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(20)}m_{031}^{(20)} - m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(20)}m_{022}^{(10)}$$
$$-m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{220}^{(22)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{211}^{(21)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{112}^{(10)}$$
$$+m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{022}^{(00)} - m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{220}^{(21)} + m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{130}^{(20)}$$
$$+m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{121}^{(10)} - m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{031}^{(00)} + m_{000}^{(10)}m_{010}^{(20)}m_{020}^{(20)}m_{211}^{(22)}$$
$$-2m_{000}^{(10)}m_{010}^{(20)}m_{020}^{(20)}m_{202}^{(21)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{020}^{(20)}m_{103}^{(10)} - m_{000}^{(10)}m_{010}^{(20)}m_{020}^{(20)}m_{013}^{(00)}$$
$$-m_{000}^{(10)}m_{010}^{(20)}m_{020}^{(22)}m_{310}^{(22)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{020}^{(22)}m_{301}^{(21)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{020}^{(22)}m_{202}^{(10)}$$
$$+m_{000}^{(10)}m_{010}^{(20)}m_{020}^{(22)}m_{112}^{(00)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{211}^{(22)} + 4m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{202}^{(21)}$$
$$-4m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{103}^{(10)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{013}^{(00)} + m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{220}^{(22)}$$
$$-m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{211}^{(21)} - m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{121}^{(20)} + m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{112}^{(10)}$$
$$+m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{310}^{(22)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{301}^{(21)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{202}^{(10)}$$
$$-m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{112}^{(00)} - m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{310}^{(21)} + m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{220}^{(20)}$$
$$+m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{211}^{(10)} - m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{121}^{(00)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{211}^{(21)}$$
$$+2m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{121}^{(20)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{112}^{(10)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{022}^{(00)}$$
$$+m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{220}^{(21)} - m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{130}^{(20)} - m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{121}^{(10)}$$
$$+m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{031}^{(00)} + m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{310}^{(21)} - m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{220}^{(20)}$$
$$-m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{211}^{(10)} + m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{121}^{(00)} + m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{211}^{(22)}$$
$$+m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{202}^{(21)} - 3m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{112}^{(20)} - m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{103}^{(10)}$$
$$+2m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{013}^{(00)} - m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{220}^{(22)} - m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{211}^{(21)}$$
$$+3m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{121}^{(20)} + m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{112}^{(10)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{022}^{(00)}$$
$$+m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{211}^{(22)} + m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{202}^{(21)} - 3m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{112}^{(20)}$$
$$-m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{103}^{(10)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{013}^{(00)} - m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(21)}m_{301}^{(22)}$$
$$+2m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(21)}m_{202}^{(20)} - m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(21)}m_{103}^{(00)} - m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{301}^{(21)}$$
$$+m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{211}^{(20)} + m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{202}^{(10)} - m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{112}^{(00)}$$
$$-2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{211}^{(22)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{202}^{(21)} + 6m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{112}^{(20)}$$
$$+2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{103}^{(10)} - 4m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{013}^{(00)} + m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{220}^{(22)}$$
$$+m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{211}^{(21)} - 3m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{121}^{(20)} - m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{112}^{(10)}$$
$$+2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{022}^{(00)} + m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{310}^{(22)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{211}^{(20)}$$
$$+m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{112}^{(00)} + m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{310}^{(21)} - m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{220}^{(20)}$$
$$-m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{211}^{(10)} + m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{121}^{(00)} - m_{000}^{(10)}m_{010}^{(21)}m_{020}^{(20)}m_{301}^{(22)}$$
$$+2m_{000}^{(10)}m_{010}^{(21)}m_{020}^{(20)}m_{202}^{(20)} - m_{000}^{(10)}m_{010}^{(21)}m_{020}^{(20)}m_{103}^{(00)} + m_{000}^{(10)}m_{010}^{(21)}m_{020}^{(22)}m_{400}^{(22)}$$
$$-2m_{000}^{(10)}m_{010}^{(21)}m_{020}^{(22)}m_{301}^{(20)} + m_{000}^{(10)}m_{010}^{(21)}m_{020}^{(22)}m_{202}^{(00)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(10)}m_{301}^{(22)}$$
$$-4m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(10)}m_{202}^{(20)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(10)}m_{103}^{(00)} - m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{310}^{(22)}$$
$$-m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{301}^{(21)} + 3m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{211}^{(20)} + m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{202}^{(10)}$$

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\begin{aligned}
&-2m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{112}^{(00)} - m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(21)}m_{400}^{(22)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(21)}m_{301}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(21)}m_{202}^{(00)} + m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(22)}m_{400}^{(21)} - m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(22)}m_{310}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(22)}m_{301}^{(10)} + m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(22)}m_{211}^{(00)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{301}^{(21)}\\
&-2m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{211}^{(20)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{202}^{(10)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{112}^{(00)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{310}^{(21)} + m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{220}^{(20)} + m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{211}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{121}^{(00)} - m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{400}^{(21)} + m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{310}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{301}^{(10)} - m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{211}^{(00)} - m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(21)}m_{211}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(21)}m_{121}^{(20)} + m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(21)}m_{112}^{(10)} - m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(21)}m_{022}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(22)}m_{220}^{(21)} - m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(22)}m_{130}^{(20)} - m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(22)}m_{121}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(22)}m_{031}^{(00)} - m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{211}^{(21)} + m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{121}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{112}^{(10)} - m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{022}^{(00)} + m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{301}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{211}^{(20)} - m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{202}^{(10)} + m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{112}^{(00)}\\
&+2m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{211}^{(21)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{121}^{(20)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{112}^{(10)}\\
&+2m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{022}^{(00)} - m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{220}^{(21)} + m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{130}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{121}^{(10)} - m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{031}^{(00)} - m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{310}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{220}^{(20)} + m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{211}^{(10)} - m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{121}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(20)}m_{301}^{(21)} - m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(20)}m_{211}^{(20)} - m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(20)}m_{202}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(20)}m_{112}^{(00)} - m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(22)}m_{400}^{(21)} + m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(22)}m_{310}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(22)}m_{301}^{(10)} - m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(22)}m_{211}^{(00)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{301}^{(21)}\\
&+2m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{211}^{(20)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{202}^{(10)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{112}^{(00)}\\
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&+m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{121}^{(00)} + m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(21)}m_{400}^{(21)} - m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(21)}m_{310}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(21)}m_{301}^{(10)} + m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(21)}m_{211}^{(00)} + m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{112}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{103}^{(11)} - m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{022}^{(20)} + m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{013}^{(10)}\\
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&+m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(22)}m_{121}^{(20)} - m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(22)}m_{112}^{(10)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{112}^{(21)}\\
&+2m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{103}^{(11)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{022}^{(20)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{013}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{211}^{(21)} - m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{202}^{(11)} - m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{121}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{112}^{(10)} + m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(22)}m_{220}^{(21)} - m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(22)}m_{211}^{(11)}\\
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&-2m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{112}^{(11)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{031}^{(20)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{022}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(20)}m_{130}^{(21)} + m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(20)}m_{121}^{(11)} + m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(20)}m_{040}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(20)}m_{031}^{(10)} - m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{220}^{(21)} + m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{211}^{(11)}
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&+m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{103}^{(11)} + m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{022}^{(20)} - m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{013}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(22)}m_{121}^{(21)} - m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(22)}m_{112}^{(11)} - m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(22)}m_{031}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(22)}m_{022}^{(10)} - m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{112}^{(21)} + m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{103}^{(11)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{022}^{(20)} - m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{013}^{(10)} - m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{202}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{112}^{(20)} + m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{103}^{(10)} - m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{013}^{(00)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{211}^{(21)} - m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{202}^{(11)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{121}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{022}^{(00)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{112}^{(21)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{103}^{(11)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{022}^{(20)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{013}^{(10)} - m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{121}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{112}^{(11)} + m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{031}^{(20)} - m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{022}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{211}^{(21)} - m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{121}^{(20)} - m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{112}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{022}^{(00)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{220}^{(21)} + m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{211}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{130}^{(20)} - m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{031}^{(00)} - m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{202}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{112}^{(20)} + m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{103}^{(10)} - m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{013}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(22)}m_{301}^{(21)} - m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(22)}m_{211}^{(20)} - m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(22)}m_{202}^{(10)}\\
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&-2m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{103}^{(10)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{013}^{(00)} + m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{211}^{(21)}\\
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&-m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{301}^{(21)} + m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{211}^{(20)} + m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{202}^{(10)}\\
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&+2m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{220}^{(20)} - m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{121}^{(00)} - 4m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{211}^{(21)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{202}^{(11)} + 4m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{121}^{(20)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{022}^{(00)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{220}^{(21)} - m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{211}^{(11)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{130}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{031}^{(00)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{310}^{(21)} - m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{301}^{(11)}\\
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&-2m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{202}^{(21)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{112}^{(20)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{103}^{(10)}\\
&-2m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{013}^{(00)} + m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{211}^{(21)} - m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{121}^{(20)}\\
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&-m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{220}^{(20)} - m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{211}^{(10)} + m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{121}^{(00)}\\
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&-m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(22)}m_{301}^{(10)} + m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(22)}m_{211}^{(00)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{301}^{(21)}\\
&-2m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{211}^{(20)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{202}^{(10)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{112}^{(00)}
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&-m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{310}^{(21)} + m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{220}^{(20)} + m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{211}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{121}^{(00)} - m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(21)}m_{400}^{(21)} + m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(21)}m_{310}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(21)}m_{301}^{(10)} - m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(21)}m_{211}^{(00)} + m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{121}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{112}^{(11)} - m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{031}^{(20)} + m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{022}^{(10)}\\
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&+2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{202}^{(11)} + m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{121}^{(20)} - 3m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{112}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{022}^{(00)} - m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{211}^{(11)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{121}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{031}^{(00)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{121}^{(21)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{112}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{031}^{(20)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{022}^{(10)} + m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{130}^{(21)}\\
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&+m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{220}^{(21)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{211}^{(11)} - m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{130}^{(20)}\\
&+3m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{121}^{(10)} - m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{031}^{(00)} + m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(22)}m_{220}^{(11)}\\
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&+m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{022}^{(00)} + m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(22)}m_{310}^{(21)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(22)}m_{301}^{(11)}\\
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&+2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{211}^{(21)} - 4m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{202}^{(11)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{121}^{(20)}\\
&+6m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{112}^{(10)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{022}^{(00)} - m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{220}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{211}^{(11)} + m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{130}^{(20)} - m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{121}^{(10)}\\
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&-4m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{121}^{(10)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{031}^{(00)} - m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(20)}m_{220}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(20)}m_{130}^{(10)} - m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(20)}m_{040}^{(00)} - m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(21)}m_{310}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(21)}m_{220}^{(10)} - m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(21)}m_{130}^{(00)} - m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{211}^{(21)}\\
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&-m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{211}^{(21)} - m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{202}^{(11)} + m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{121}^{(20)}\\
&+3m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{112}^{(10)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{022}^{(00)} + m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{301}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{211}^{(20)} - m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{202}^{(10)} + m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{112}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{301}^{(11)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{211}^{(10)} + m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{121}^{(00)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{211}^{(21)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{202}^{(11)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{121}^{(20)}\\
&-6m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{112}^{(10)} + 4m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{022}^{(00)} - m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{220}^{(21)}\\
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&+m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{211}^{(10)} - m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{121}^{(00)} - m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(22)}m_{310}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(22)}m_{220}^{(10)} - m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(22)}m_{130}^{(00)} + m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{301}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{211}^{(20)} - m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{202}^{(10)} + m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{112}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(22)}m_{400}^{(21)} + m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(22)}m_{310}^{(20)} + m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(22)}m_{301}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(22)}m_{211}^{(00)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{301}^{(21)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{211}^{(20)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{202}^{(10)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{112}^{(00)} + m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{310}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{301}^{(11)} - m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{220}^{(20)} - 3m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{211}^{(10)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{121}^{(00)} + m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{400}^{(21)} - m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{310}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{301}^{(10)} + m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{211}^{(00)} - m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(22)}m_{400}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(22)}m_{310}^{(10)} - m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(22)}m_{220}^{(00)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{301}^{(11)}\\
&+4m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{211}^{(10)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{121}^{(00)} + m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(20)}m_{310}^{(11)}\\
&-2m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(20)}m_{220}^{(10)} + m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(20)}m_{130}^{(00)} + m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(21)}m_{400}^{(11)}\\
&-2m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(21)}m_{310}^{(10)} + m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(21)}m_{220}^{(00)} + m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{211}^{(11)}\\
&-2m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{121}^{(10)} + m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{031}^{(00)} - m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(22)}m_{220}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(22)}m_{130}^{(10)} - m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(22)}m_{040}^{(00)} + m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{211}^{(11)}\\
&-2m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{121}^{(10)} + m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{031}^{(00)} - m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{301}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{211}^{(10)} - m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{121}^{(00)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(10)}m_{211}^{(11)}\\
&+4m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(10)}m_{121}^{(10)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(10)}m_{031}^{(00)} + m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(20)}m_{220}^{(11)}\\
&-2m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(20)}m_{130}^{(10)} + m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(20)}m_{040}^{(00)} + m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(21)}m_{310}^{(11)}\\
&-2m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(21)}m_{220}^{(10)} + m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(21)}m_{130}^{(00)} - m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{301}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{211}^{(10)} - m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{121}^{(00)} + m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(22)}m_{400}^{(11)}\\
&-2m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(22)}m_{310}^{(10)} + m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(22)}m_{220}^{(00)} + 2m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(10)}m_{301}^{(11)}\\
&-4m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(10)}m_{211}^{(10)} + 2m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(10)}m_{121}^{(00)} - m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(20)}m_{310}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(20)}m_{220}^{(10)} - m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(20)}m_{130}^{(00)} - m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(21)}m_{400}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(21)}m_{310}^{(10)} - m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(21)}m_{220}^{(00)} - m_{000}^{(11)}m_{100}^{(00)}m_{110}^{(20)}m_{022}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(00)}m_{110}^{(20)}m_{013}^{(21)} - m_{000}^{(11)}m_{100}^{(00)}m_{110}^{(20)}m_{004}^{(11)} + m_{000}^{(11)}m_{100}^{(00)}m_{110}^{(22)}m_{121}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(00)}m_{110}^{(22)}m_{112}^{(21)} + m_{000}^{(11)}m_{100}^{(00)}m_{110}^{(22)}m_{103}^{(11)} + m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(20)}m_{031}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(20)}m_{022}^{(21)} + m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(20)}m_{013}^{(11)} - m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(22)}m_{130}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(22)}m_{121}^{(21)} - m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(22)}m_{112}^{(11)} + m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(00)}m_{022}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(00)}m_{013}^{(21)} + m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(00)}m_{004}^{(11)} - m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(20)}m_{121}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(20)}m_{112}^{(21)} - m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(20)}m_{103}^{(11)} - m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(00)}m_{031}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(00)}m_{022}^{(21)} - m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(00)}m_{013}^{(11)} + m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(20)}m_{130}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(20)}m_{121}^{(21)} + m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(20)}m_{112}^{(11)} + m_{000}^{(11)}m_{100}^{(10)}m_{200}^{(20)}m_{022}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{200}^{(20)}m_{013}^{(21)} + m_{000}^{(11)}m_{100}^{(10)}m_{200}^{(20)}m_{004}^{(11)} - m_{000}^{(11)}m_{100}^{(10)}m_{200}^{(22)}m_{121}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{200}^{(22)}m_{112}^{(21)} - m_{000}^{(11)}m_{100}^{(10)}m_{200}^{(22)}m_{103}^{(11)} + m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(20)}m_{112}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(20)}m_{103}^{(21)} - m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(20)}m_{013}^{(20)} + m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(20)}m_{004}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(22)}m_{211}^{(22)} + m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(22)}m_{202}^{(21)} + m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(22)}m_{112}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(22)}m_{103}^{(10)} - m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(00)}m_{022}^{(22)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(00)}m_{013}^{(21)}
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&-m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(00)}m_{004}^{(11)} - m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(20)}m_{121}^{(22)} + m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(20)}m_{112}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(20)}m_{022}^{(20)} - m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(20)}m_{013}^{(10)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(22)}m_{220}^{(22)}\\
&-3m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(22)}m_{211}^{(21)} + m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(22)}m_{202}^{(11)} - m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(22)}m_{121}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(22)}m_{112}^{(10)} - m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(00)}m_{112}^{(22)} + m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(00)}m_{103}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(00)}m_{013}^{(20)} - m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(00)}m_{004}^{(10)} + m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(20)}m_{211}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(20)}m_{202}^{(21)} - m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(20)}m_{112}^{(20)} + m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(20)}m_{103}^{(10)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(00)}m_{121}^{(22)} - 3m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(00)}m_{112}^{(21)} + m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(00)}m_{103}^{(11)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(00)}m_{022}^{(20)} + m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(00)}m_{013}^{(10)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(20)}m_{220}^{(22)}\\
&+3m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(20)}m_{211}^{(21)} - m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(20)}m_{202}^{(11)} + m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(20)}m_{121}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(20)}m_{112}^{(10)} - m_{000}^{(11)}m_{100}^{(11)}m_{200}^{(20)}m_{112}^{(22)} + m_{000}^{(11)}m_{100}^{(11)}m_{200}^{(20)}m_{103}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{200}^{(20)}m_{013}^{(20)} - m_{000}^{(11)}m_{100}^{(11)}m_{200}^{(20)}m_{004}^{(10)} + m_{000}^{(11)}m_{100}^{(11)}m_{200}^{(22)}m_{211}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(11)}m_{200}^{(22)}m_{202}^{(21)} - m_{000}^{(11)}m_{100}^{(11)}m_{200}^{(22)}m_{112}^{(20)} + m_{000}^{(11)}m_{100}^{(11)}m_{200}^{(22)}m_{103}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(00)}m_{112}^{(22)} - m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(00)}m_{103}^{(21)} - m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(00)}m_{013}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(00)}m_{004}^{(10)} - m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(22)}m_{310}^{(22)} + m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(22)}m_{301}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(22)}m_{211}^{(20)} - m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(22)}m_{202}^{(10)} - m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(00)}m_{211}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(00)}m_{202}^{(21)} + m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(00)}m_{112}^{(20)} - m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(00)}m_{103}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(20)}m_{310}^{(22)} - m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(20)}m_{301}^{(21)} - m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(20)}m_{211}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(20)}m_{202}^{(10)} - m_{000}^{(11)}m_{100}^{(20)}m_{200}^{(20)}m_{031}^{(22)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{200}^{(20)}m_{022}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{200}^{(20)}m_{013}^{(11)} + m_{000}^{(11)}m_{100}^{(20)}m_{200}^{(22)}m_{130}^{(22)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{200}^{(22)}m_{121}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{200}^{(22)}m_{112}^{(11)} + m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(20)}m_{121}^{(22)} - 3m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(20)}m_{112}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(20)}m_{103}^{(11)} + m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(20)}m_{022}^{(20)} - m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(20)}m_{013}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(22)}m_{220}^{(22)} + 3m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(22)}m_{211}^{(21)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(22)}m_{202}^{(11)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(22)}m_{121}^{(20)} + m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(22)}m_{112}^{(10)} + m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(00)}m_{031}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(00)}m_{022}^{(21)} + m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(00)}m_{013}^{(11)} - m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(20)}m_{130}^{(22)}\\
&+3m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(20)}m_{121}^{(21)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(20)}m_{112}^{(11)} - m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(20)}m_{031}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(20)}m_{022}^{(10)} - m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(22)}m_{220}^{(21)} + m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(22)}m_{211}^{(11)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(22)}m_{130}^{(20)} - m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(22)}m_{121}^{(10)} - m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(00)}m_{121}^{(22)}\\
&+3m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(00)}m_{112}^{(21)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(00)}m_{103}^{(11)} - m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(00)}m_{022}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(00)}m_{013}^{(10)} + m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{220}^{(22)} - 3m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{211}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{202}^{(11)} + m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{121}^{(20)} - m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{112}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(00)}m_{121}^{(21)} + m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(00)}m_{112}^{(11)} + m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(00)}m_{031}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(00)}m_{022}^{(10)} + m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(20)}m_{220}^{(21)} - m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(20)}m_{211}^{(11)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(20)}m_{130}^{(20)} + m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(20)}m_{121}^{(10)} + m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(20)}m_{121}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(20)}m_{103}^{(11)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(20)}m_{022}^{(20)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(20)}m_{013}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(22)}m_{220}^{(22)} + m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(22)}m_{202}^{(11)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(22)}m_{121}^{(20)}\\
&-2m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(22)}m_{112}^{(10)} - m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(20)}m_{211}^{(22)} + m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(20)}m_{202}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(20)}m_{112}^{(20)} - m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(20)}m_{103}^{(10)} + m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(22)}m_{310}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(22)}m_{301}^{(21)} - m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(22)}m_{211}^{(20)} + m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(22)}m_{202}^{(10)}
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&-m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(00)}m_{121}^{(22)}+m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(00)}m_{103}^{(11)}+2m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(00)}m_{022}^{(20)}\\
&-2m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(00)}m_{013}^{(10)}+m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{220}^{(22)}-m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{211}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{121}^{(20)}+m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{112}^{(10)}+m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(22)}m_{310}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(22)}m_{301}^{(11)}-m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(22)}m_{220}^{(20)}+m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(22)}m_{211}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(00)}m_{211}^{(22)}-m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(00)}m_{202}^{(21)}-m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(00)}m_{112}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(00)}m_{103}^{(10)}-m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(20)}m_{310}^{(22)}+m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(20)}m_{301}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(20)}m_{211}^{(20)}-m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(20)}m_{202}^{(10)}+m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(00)}m_{211}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(00)}m_{202}^{(11)}-m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(00)}m_{121}^{(20)}+m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(00)}m_{112}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(20)}m_{310}^{(21)}+m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(20)}m_{301}^{(11)}+m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(20)}m_{220}^{(20)}\\
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&-m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(22)}m_{211}^{(11)}-m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(22)}m_{130}^{(20)}+m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(22)}m_{121}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(20)}m_{211}^{(21)}-m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(20)}m_{202}^{(11)}-m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(20)}m_{121}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(20)}m_{112}^{(10)}-m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(22)}m_{310}^{(21)}+m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(22)}m_{301}^{(11)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(22)}m_{220}^{(20)}-m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(22)}m_{211}^{(10)}+m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(00)}m_{121}^{(21)}\\
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&+m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(00)}m_{121}^{(20)}-m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(00)}m_{112}^{(10)}+m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(20)}m_{310}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(20)}m_{301}^{(11)}-m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(20)}m_{220}^{(20)}+m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(20)}m_{211}^{(10)}\\
&+m_{000}^{(11)}m_{010}^{(00)}m_{110}^{(20)}m_{112}^{(22)}-m_{000}^{(11)}m_{010}^{(00)}m_{110}^{(20)}m_{103}^{(21)}-m_{000}^{(11)}m_{010}^{(00)}m_{110}^{(20)}m_{013}^{(20)}\\
&+m_{000}^{(11)}m_{010}^{(00)}m_{110}^{(20)}m_{004}^{(10)}-m_{000}^{(11)}m_{010}^{(00)}m_{110}^{(22)}m_{211}^{(22)}+m_{000}^{(11)}m_{010}^{(00)}m_{110}^{(22)}m_{202}^{(21)}\\
&+m_{000}^{(11)}m_{010}^{(00)}m_{110}^{(22)}m_{112}^{(20)}-m_{000}^{(11)}m_{010}^{(00)}m_{110}^{(22)}m_{103}^{(10)}-m_{000}^{(11)}m_{010}^{(00)}m_{101}^{(20)}m_{121}^{(22)}\\
&+m_{000}^{(11)}m_{010}^{(00)}m_{101}^{(20)}m_{112}^{(21)}+m_{000}^{(11)}m_{010}^{(00)}m_{101}^{(20)}m_{022}^{(20)}-m_{000}^{(11)}m_{010}^{(00)}m_{101}^{(20)}m_{013}^{(10)}\\
&+m_{000}^{(11)}m_{010}^{(00)}m_{101}^{(22)}m_{220}^{(22)}-m_{000}^{(11)}m_{010}^{(00)}m_{101}^{(22)}m_{211}^{(21)}-m_{000}^{(11)}m_{010}^{(00)}m_{101}^{(22)}m_{121}^{(20)}\\
&+m_{000}^{(11)}m_{010}^{(00)}m_{101}^{(22)}m_{112}^{(10)}-m_{000}^{(11)}m_{010}^{(00)}m_{011}^{(00)}m_{112}^{(22)}+m_{000}^{(11)}m_{010}^{(00)}m_{011}^{(00)}m_{103}^{(21)}\\
&+m_{000}^{(11)}m_{010}^{(00)}m_{011}^{(00)}m_{013}^{(20)}-m_{000}^{(11)}m_{010}^{(00)}m_{011}^{(00)}m_{004}^{(10)}+m_{000}^{(11)}m_{010}^{(00)}m_{011}^{(20)}m_{211}^{(22)}\\
&-m_{000}^{(11)}m_{010}^{(00)}m_{011}^{(20)}m_{202}^{(21)}-m_{000}^{(11)}m_{010}^{(00)}m_{011}^{(20)}m_{112}^{(20)}+m_{000}^{(11)}m_{010}^{(00)}m_{011}^{(20)}m_{103}^{(10)}\\
&+m_{000}^{(11)}m_{010}^{(00)}m_{002}^{(00)}m_{121}^{(22)}-m_{000}^{(11)}m_{010}^{(00)}m_{002}^{(00)}m_{112}^{(21)}-m_{000}^{(11)}m_{010}^{(00)}m_{002}^{(00)}m_{022}^{(20)}\\
&+m_{000}^{(11)}m_{010}^{(00)}m_{002}^{(00)}m_{013}^{(10)}-m_{000}^{(11)}m_{010}^{(00)}m_{002}^{(20)}m_{220}^{(22)}+m_{000}^{(11)}m_{010}^{(00)}m_{002}^{(20)}m_{211}^{(21)}\\
&+m_{000}^{(11)}m_{010}^{(00)}m_{002}^{(20)}m_{121}^{(20)}-m_{000}^{(11)}m_{010}^{(00)}m_{002}^{(20)}m_{112}^{(10)}-m_{000}^{(11)}m_{010}^{(10)}m_{200}^{(20)}m_{112}^{(22)}\\
&+m_{000}^{(11)}m_{010}^{(10)}m_{200}^{(20)}m_{103}^{(21)}+m_{000}^{(11)}m_{010}^{(10)}m_{200}^{(20)}m_{013}^{(20)}-m_{000}^{(11)}m_{010}^{(10)}m_{200}^{(20)}m_{004}^{(10)}\\
&+m_{000}^{(11)}m_{010}^{(10)}m_{200}^{(22)}m_{211}^{(22)}-m_{000}^{(11)}m_{010}^{(10)}m_{200}^{(22)}m_{202}^{(21)}-m_{000}^{(11)}m_{010}^{(10)}m_{200}^{(22)}m_{112}^{(20)}\\
&+m_{000}^{(11)}m_{010}^{(10)}m_{200}^{(22)}m_{103}^{(10)}-m_{000}^{(11)}m_{010}^{(10)}m_{110}^{(20)}m_{202}^{(22)}+2m_{000}^{(11)}m_{010}^{(10)}m_{110}^{(20)}m_{103}^{(20)}\\
&-m_{000}^{(11)}m_{010}^{(10)}m_{110}^{(20)}m_{004}^{(00)}+m_{000}^{(11)}m_{010}^{(10)}m_{110}^{(22)}m_{301}^{(22)}-2m_{000}^{(11)}m_{010}^{(10)}m_{110}^{(22)}m_{202}^{(20)}\\
&+m_{000}^{(11)}m_{010}^{(10)}m_{110}^{(22)}m_{103}^{(00)}+m_{000}^{(11)}m_{010}^{(10)}m_{101}^{(00)}m_{112}^{(22)}-m_{000}^{(11)}m_{010}^{(10)}m_{101}^{(00)}m_{103}^{(21)}\\
&-m_{000}^{(11)}m_{010}^{(10)}m_{101}^{(00)}m_{013}^{(20)}+m_{000}^{(11)}m_{010}^{(10)}m_{101}^{(00)}m_{004}^{(10)}+m_{000}^{(11)}m_{010}^{(10)}m_{101}^{(20)}m_{211}^{(22)}\\
&-2m_{000}^{(11)}m_{010}^{(10)}m_{101}^{(20)}m_{112}^{(20)}+m_{000}^{(11)}m_{010}^{(10)}m_{101}^{(20)}m_{013}^{(00)}-2m_{000}^{(11)}m_{010}^{(10)}m_{101}^{(22)}m_{310}^{(22)}
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&+m_{000}^{(11)}m_{010}^{(10)}m_{101}^{(22)}m_{301}^{(21)}+3m_{000}^{(11)}m_{010}^{(10)}m_{101}^{(22)}m_{211}^{(20)}-m_{000}^{(11)}m_{010}^{(10)}m_{101}^{(22)}m_{202}^{(10)}\\
&-m_{000}^{(11)}m_{010}^{(10)}m_{101}^{(22)}m_{112}^{(00)}+m_{000}^{(11)}m_{010}^{(10)}m_{011}^{(00)}m_{202}^{(22)}-2m_{000}^{(11)}m_{010}^{(10)}m_{011}^{(00)}m_{103}^{(20)}\\
&+m_{000}^{(11)}m_{010}^{(10)}m_{011}^{(00)}m_{004}^{(00)}-m_{000}^{(11)}m_{010}^{(10)}m_{011}^{(20)}m_{301}^{(22)}+2m_{000}^{(11)}m_{010}^{(10)}m_{011}^{(20)}m_{202}^{(20)}\\
&-m_{000}^{(11)}m_{010}^{(10)}m_{011}^{(20)}m_{103}^{(00)}-2m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(00)}m_{211}^{(22)}+m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(00)}m_{202}^{(21)}\\
&+3m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(00)}m_{112}^{(20)}-m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(00)}m_{103}^{(10)}-m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(00)}m_{013}^{(00)}\\
&+2m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(20)}m_{310}^{(22)}-m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(20)}m_{301}^{(21)}-3m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(20)}m_{211}^{(20)}\\
&+m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(20)}m_{202}^{(10)}+m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(20)}m_{112}^{(00)}+m_{000}^{(11)}m_{010}^{(11)}m_{200}^{(20)}m_{202}^{(22)}\\
&-2m_{000}^{(11)}m_{010}^{(11)}m_{200}^{(20)}m_{103}^{(20)}+m_{000}^{(11)}m_{010}^{(11)}m_{200}^{(20)}m_{004}^{(00)}-m_{000}^{(11)}m_{010}^{(11)}m_{200}^{(22)}m_{301}^{(22)}\\
&+2m_{000}^{(11)}m_{010}^{(11)}m_{200}^{(22)}m_{202}^{(20)}-m_{000}^{(11)}m_{010}^{(11)}m_{200}^{(22)}m_{103}^{(00)}-m_{000}^{(11)}m_{010}^{(11)}m_{101}^{(00)}m_{202}^{(22)}\\
&+2m_{000}^{(11)}m_{010}^{(11)}m_{101}^{(00)}m_{103}^{(20)}-m_{000}^{(11)}m_{010}^{(11)}m_{101}^{(00)}m_{004}^{(00)}+m_{000}^{(11)}m_{010}^{(11)}m_{101}^{(22)}m_{400}^{(22)}\\
&-2m_{000}^{(11)}m_{010}^{(11)}m_{101}^{(22)}m_{301}^{(20)}+m_{000}^{(11)}m_{010}^{(11)}m_{101}^{(22)}m_{202}^{(00)}+m_{000}^{(11)}m_{010}^{(11)}m_{002}^{(00)}m_{301}^{(22)}\\
&-2m_{000}^{(11)}m_{010}^{(11)}m_{002}^{(00)}m_{202}^{(20)}+m_{000}^{(11)}m_{010}^{(11)}m_{002}^{(00)}m_{103}^{(00)}-m_{000}^{(11)}m_{010}^{(11)}m_{002}^{(20)}m_{400}^{(22)}\\
&+2m_{000}^{(11)}m_{010}^{(11)}m_{002}^{(20)}m_{301}^{(20)}-m_{000}^{(11)}m_{010}^{(11)}m_{002}^{(20)}m_{202}^{(00)}+m_{000}^{(11)}m_{010}^{(20)}m_{200}^{(20)}m_{121}^{(22)}\\
&-m_{000}^{(11)}m_{010}^{(20)}m_{200}^{(20)}m_{112}^{(21)}-m_{000}^{(11)}m_{010}^{(20)}m_{200}^{(20)}m_{022}^{(20)}+m_{000}^{(11)}m_{010}^{(20)}m_{200}^{(20)}m_{013}^{(10)}\\
&-m_{000}^{(11)}m_{010}^{(20)}m_{200}^{(22)}m_{220}^{(22)}+m_{000}^{(11)}m_{010}^{(20)}m_{200}^{(22)}m_{211}^{(21)}+m_{000}^{(11)}m_{010}^{(20)}m_{200}^{(22)}m_{121}^{(20)}\\
&-m_{000}^{(11)}m_{010}^{(20)}m_{200}^{(22)}m_{112}^{(10)}-m_{000}^{(11)}m_{010}^{(20)}m_{110}^{(20)}m_{211}^{(22)}+2m_{000}^{(11)}m_{010}^{(20)}m_{110}^{(20)}m_{202}^{(21)}\\
&-2m_{000}^{(11)}m_{010}^{(20)}m_{110}^{(20)}m_{103}^{(10)}+m_{000}^{(11)}m_{010}^{(20)}m_{110}^{(20)}m_{013}^{(00)}+m_{000}^{(11)}m_{010}^{(20)}m_{110}^{(22)}m_{310}^{(22)}\\
&-2m_{000}^{(11)}m_{010}^{(20)}m_{110}^{(22)}m_{301}^{(21)}+2m_{000}^{(11)}m_{010}^{(20)}m_{110}^{(22)}m_{202}^{(10)}-m_{000}^{(11)}m_{010}^{(20)}m_{110}^{(22)}m_{112}^{(00)}\\
&-m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(00)}m_{121}^{(22)}+m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(00)}m_{112}^{(21)}+m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(00)}m_{022}^{(20)}\\
&-m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(00)}m_{013}^{(10)}+m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{220}^{(22)}-2m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{211}^{(21)}\\
&+2m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{112}^{(10)}-m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(20)}m_{022}^{(00)}+m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(22)}m_{310}^{(21)}\\
&-m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(22)}m_{220}^{(20)}-m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(22)}m_{211}^{(10)}+m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(22)}m_{121}^{(00)}\\
&+m_{000}^{(11)}m_{010}^{(20)}m_{011}^{(00)}m_{211}^{(22)}-2m_{000}^{(11)}m_{010}^{(20)}m_{011}^{(00)}m_{202}^{(21)}+2m_{000}^{(11)}m_{010}^{(20)}m_{011}^{(00)}m_{103}^{(10)}\\
&-m_{000}^{(11)}m_{010}^{(20)}m_{011}^{(00)}m_{013}^{(00)}-m_{000}^{(11)}m_{010}^{(20)}m_{011}^{(20)}m_{310}^{(22)}+2m_{000}^{(11)}m_{010}^{(20)}m_{011}^{(20)}m_{301}^{(21)}\\
&-2m_{000}^{(11)}m_{010}^{(20)}m_{011}^{(20)}m_{202}^{(10)}+m_{000}^{(11)}m_{010}^{(20)}m_{011}^{(00)}m_{112}^{(20)}+m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(00)}m_{211}^{(21)}\\
&-m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(00)}m_{121}^{(20)}-m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(00)}m_{112}^{(10)}+m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(00)}m_{022}^{(00)}\\
&-m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(20)}m_{310}^{(21)}+m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(20)}m_{220}^{(20)}+m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(20)}m_{211}^{(10)}\\
&-m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(20)}m_{121}^{(00)}-m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{211}^{(22)}-m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{202}^{(21)}\\
&+3m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{112}^{(20)}+m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{103}^{(10)}-2m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{013}^{(00)}\\
&+m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{310}^{(22)}+m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{301}^{(21)}-3m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{211}^{(20)}\\
&-m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{202}^{(10)}+2m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{112}^{(00)}+m_{000}^{(11)}m_{010}^{(21)}m_{110}^{(20)}m_{301}^{(22)}\\
&-2m_{000}^{(11)}m_{010}^{(21)}m_{110}^{(20)}m_{202}^{(20)}+m_{000}^{(11)}m_{010}^{(21)}m_{110}^{(20)}m_{103}^{(00)}-m_{000}^{(11)}m_{010}^{(21)}m_{110}^{(22)}m_{400}^{(22)}\\
&+2m_{000}^{(11)}m_{010}^{(21)}m_{110}^{(22)}m_{301}^{(20)}-m_{000}^{(11)}m_{010}^{(21)}m_{110}^{(22)}m_{202}^{(00)}+m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(00)}m_{211}^{(22)}\\
&+m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(00)}m_{202}^{(21)}-3m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(00)}m_{112}^{(20)}-m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(00)}m_{103}^{(10)}\\
&+2m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(00)}m_{013}^{(00)}-m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{310}^{(22)}+2m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{211}^{(20)}\\
&-m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{112}^{(00)}-m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(22)}m_{400}^{(21)}+m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(22)}m_{310}^{(20)}\\
&+m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(22)}m_{301}^{(10)}-m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(22)}m_{211}^{(00)}-m_{000}^{(11)}m_{010}^{(21)}m_{011}^{(00)}m_{301}^{(22)}\\
&+2m_{000}^{(11)}m_{010}^{(21)}m_{011}^{(00)}m_{202}^{(20)}-m_{000}^{(11)}m_{010}^{(21)}m_{011}^{(00)}m_{103}^{(00)}+m_{000}^{(11)}m_{010}^{(21)}m_{011}^{(20)}m_{400}^{(22)}
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-2m_{000}^{(11)}m_{010}^{(21)}m_{011}^{(20)}m_{301}^{(20)} + m_{000}^{(11)}m_{010}^{(21)}m_{011}^{(20)}m_{202}^{(00)} - m_{000}^{(11)}m_{010}^{(21)}m_{002}^{(00)}m_{301}^{(21)} \\
+m_{000}^{(11)}m_{010}^{(21)}m_{002}^{(00)}m_{211}^{(20)} + m_{000}^{(11)}m_{010}^{(21)}m_{002}^{(00)}m_{202}^{(10)} - m_{000}^{(11)}m_{010}^{(21)}m_{002}^{(00)}m_{112}^{(00)} \\
+m_{000}^{(11)}m_{010}^{(21)}m_{002}^{(20)}m_{400}^{(21)} - m_{000}^{(11)}m_{010}^{(21)}m_{002}^{(20)}m_{310}^{(20)} - m_{000}^{(11)}m_{010}^{(21)}m_{002}^{(20)}m_{301}^{(10)} \\
+m_{000}^{(11)}m_{010}^{(21)}m_{002}^{(20)}m_{211}^{(00)} + m_{000}^{(11)}m_{010}^{(22)}m_{200}^{(20)}m_{211}^{(21)} - m_{000}^{(11)}m_{010}^{(22)}m_{200}^{(20)}m_{121}^{(20)} \\
-m_{000}^{(11)}m_{010}^{(22)}m_{200}^{(20)}m_{112}^{(10)} + m_{000}^{(11)}m_{010}^{(22)}m_{200}^{(20)}m_{022}^{(00)} - m_{000}^{(11)}m_{010}^{(22)}m_{200}^{(22)}m_{310}^{(21)} \\
+m_{000}^{(11)}m_{010}^{(22)}m_{200}^{(22)}m_{220}^{(20)} + m_{000}^{(11)}m_{010}^{(22)}m_{200}^{(22)}m_{211}^{(10)} - m_{000}^{(11)}m_{010}^{(22)}m_{200}^{(22)}m_{121}^{(00)} \\
-m_{000}^{(11)}m_{010}^{(22)}m_{110}^{(20)}m_{301}^{(21)} + m_{000}^{(11)}m_{010}^{(22)}m_{110}^{(20)}m_{211}^{(20)} + m_{000}^{(11)}m_{010}^{(22)}m_{110}^{(20)}m_{202}^{(10)} \\
-m_{000}^{(11)}m_{010}^{(22)}m_{110}^{(20)}m_{112}^{(00)} + m_{000}^{(11)}m_{010}^{(22)}m_{110}^{(22)}m_{400}^{(21)} - m_{000}^{(11)}m_{010}^{(22)}m_{110}^{(22)}m_{310}^{(20)} \\
-m_{000}^{(11)}m_{010}^{(22)}m_{110}^{(22)}m_{301}^{(10)} + m_{000}^{(11)}m_{010}^{(22)}m_{110}^{(22)}m_{211}^{(00)} - m_{000}^{(11)}m_{010}^{(22)}m_{101}^{(00)}m_{211}^{(21)} \\
+m_{000}^{(11)}m_{010}^{(22)}m_{101}^{(00)}m_{121}^{(20)} + m_{000}^{(11)}m_{010}^{(22)}m_{101}^{(00)}m_{112}^{(10)} - m_{000}^{(11)}m_{010}^{(22)}m_{101}^{(00)}m_{022}^{(00)} \\
+m_{000}^{(11)}m_{010}^{(22)}m_{101}^{(20)}m_{310}^{(21)} - m_{000}^{(11)}m_{010}^{(22)}m_{101}^{(20)}m_{220}^{(20)} - m_{000}^{(11)}m_{010}^{(22)}m_{101}^{(20)}m_{211}^{(10)} \\
+m_{000}^{(11)}m_{010}^{(22)}m_{101}^{(20)}m_{121}^{(00)} + m_{000}^{(11)}m_{010}^{(22)}m_{101}^{(00)}m_{211}^{(21)} - m_{000}^{(11)}m_{010}^{(22)}m_{101}^{(00)}m_{211}^{(20)} \\
-m_{000}^{(11)}m_{010}^{(22)}m_{011}^{(00)}m_{202}^{(10)} + m_{000}^{(11)}m_{010}^{(22)}m_{011}^{(00)}m_{112}^{(00)} - m_{000}^{(11)}m_{010}^{(22)}m_{011}^{(20)}m_{400}^{(21)} \\
+m_{000}^{(11)}m_{010}^{(22)}m_{011}^{(20)}m_{310}^{(20)} + m_{000}^{(11)}m_{010}^{(22)}m_{011}^{(20)}m_{301}^{(10)} - m_{000}^{(11)}m_{010}^{(22)}m_{011}^{(20)}m_{211}^{(00)} \\
-m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(20)}m_{112}^{(21)} + m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(20)}m_{103}^{(11)} + m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(20)}m_{022}^{(20)} \\
-m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(20)}m_{013}^{(10)} + m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(22)}m_{211}^{(21)} - m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(22)}m_{202}^{(11)} \\
-m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(22)}m_{121}^{(20)} + m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(22)}m_{112}^{(10)} + m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{121}^{(21)} \\
-m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{112}^{(11)} - m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{031}^{(20)} + m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{022}^{(10)} \\
-m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(22)}m_{220}^{(21)} + m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(22)}m_{211}^{(11)} + m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(22)}m_{130}^{(20)} \\
-m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(22)}m_{121}^{(10)} + m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(00)}m_{112}^{(21)} - m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(00)}m_{103}^{(11)} \\
-m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(00)}m_{022}^{(20)} + m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(00)}m_{013}^{(10)} - m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{211}^{(21)} \\
+m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{202}^{(11)} + m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{121}^{(20)} - m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{112}^{(10)} \\
-m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(00)}m_{121}^{(21)} + m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(00)}m_{112}^{(11)} + m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(00)}m_{031}^{(20)} \\
-m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(00)}m_{022}^{(10)} + m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(20)}m_{220}^{(21)} - m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(20)}m_{211}^{(11)} \\
-m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(20)}m_{130}^{(20)} + m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(20)}m_{121}^{(10)} + m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{112}^{(21)} \\
-m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{103}^{(11)} - m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{022}^{(20)} + m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{013}^{(10)} \\
-m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{211}^{(21)} + m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{202}^{(11)} + m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{121}^{(20)} \\
-m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{112}^{(10)} + m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{202}^{(21)} - m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{112}^{(20)} \\
-m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{103}^{(10)} + m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{013}^{(00)} - m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(22)}m_{301}^{(21)} \\
+m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(22)}m_{211}^{(20)} + m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(22)}m_{202}^{(10)} - m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(22)}m_{112}^{(00)} \\
-m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(00)}m_{112}^{(21)} + m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(00)}m_{103}^{(11)} + m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(00)}m_{022}^{(20)} \\
-m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(00)}m_{013}^{(10)} - m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{211}^{(21)} + m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{121}^{(20)} \\
+m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{112}^{(10)} - m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{022}^{(00)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{310}^{(21)} \\
-m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{301}^{(11)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{220}^{(20)} + m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{121}^{(00)} \\
-m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(00)}m_{202}^{(21)} + m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(00)}m_{112}^{(20)} + m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(00)}m_{103}^{(10)} \\
-m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(00)}m_{013}^{(00)} + m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{301}^{(21)} - m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{211}^{(20)} \\
-m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{202}^{(10)} + m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{112}^{(00)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(00)}m_{211}^{(21)} \\
-m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(00)}m_{202}^{(11)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(00)}m_{121}^{(20)} + m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(00)}m_{022}^{(00)}
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&-2m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{310}^{(21)} + m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{301}^{(11)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{002}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{121}^{(00)} - m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(20)}m_{202}^{(21)} + m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{112}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(20)}m_{103}^{(10)} - m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(20)}m_{013}^{(00)} + m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(22)}m_{301}^{(21)}\\
&-m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(22)}m_{211}^{(20)} - m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(22)}m_{202}^{(10)} + m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(22)}m_{200}^{(00)}m_{112}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(00)}m_{202}^{(21)} - m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(00)}m_{112}^{(20)} - m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(00)}m_{103}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(00)}m_{013}^{(00)} - m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(22)}m_{400}^{(21)} + m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(22)}m_{310}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(22)}m_{301}^{(10)} - m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(22)}m_{211}^{(00)} - m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(00)}m_{002}^{(21)}m_{301}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{002}^{(00)}m_{211}^{(20)} + m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(00)}m_{002}^{(10)}m_{202} - m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(00)}m_{002}^{(00)}m_{112}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{002}^{(20)}m_{400}^{(21)} - m_{000}^{(11)}m_{001}^{(11)}m_{002}^{(20)}m_{310}^{(20)} - m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{002}^{(20)}m_{301}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{002}^{(20)}m_{211}^{(00)} - m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{121}^{(21)} + m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(20)}m_{200}^{(20)}m_{112}^{(11)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{031}^{(20)} - m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{022}^{(10)} + m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(20)}m_{200}^{(22)}m_{220}^{(21)}\\
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&+m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{211}^{(21)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{202}^{(11)} - m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{121}^{(20)}\\
&+3m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{112}^{(10)} - m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{022}^{(00)} - m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(22)}m_{110}^{(20)}m_{310}^{(21)}\\
&+2m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(22)}m_{110}^{(20)}m_{301}^{(11)} + m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(22)}m_{110}^{(20)}m_{220}^{(20)} - 3m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(22)}m_{110}^{(20)}m_{211}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(22)}m_{121}^{(00)} + m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(00)}m_{101}^{(21)}m_{121} - m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(00)}m_{101}^{(11)}m_{112}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(00)}m_{101}^{(20)}m_{031} + m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(00)}m_{101}^{(10)}m_{022} - m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(20)}m_{101}^{(20)}m_{220}^{(21)}\\
&+2m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{211} + m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(20)}m_{101}^{(20)}m_{130} - 3m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{121}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(20)}m_{101}^{(00)}m_{031} - m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(22)}m_{101}^{(11)}m_{310} + 2m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(22)}m_{101}^{(10)}m_{220}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(22)}m_{101}^{(00)}m_{130} - m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{211} + 2m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{202}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(00)}m_{011}^{(20)}m_{121} - 3m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{112} + m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(00)}m_{011}^{(00)}m_{022}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(20)}m_{011}^{(21)}m_{310} - 2m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{301} - m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(20)}m_{011}^{(20)}m_{220}\\
&+3m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{211} - m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(20)}m_{011}^{(00)}m_{121} - m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(00)}m_{002}^{(11)}m_{211}\\
&+2m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(00)}m_{002}^{(10)}m_{121} - m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(00)}m_{002}^{(00)}m_{031} + m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(20)}m_{002}^{(11)}m_{310}\\
&-2m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(20)}m_{002}^{(10)}m_{220} + m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(20)}m_{002}^{(00)}m_{130} + m_{000}^{(11)}m_{001}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{211}\\
&+m_{000}^{(11)}m_{001}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{202} - m_{000}^{(11)}m_{001}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{121} - 3m_{000}^{(11)}m_{001}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{112}\\
&+2m_{000}^{(11)}m_{001}^{(21)}m_{001}^{(20)}m_{200}^{(00)}m_{022} - m_{000}^{(11)}m_{001}^{(21)}m_{001}^{(22)}m_{200}^{(21)}m_{310} - m_{000}^{(11)}m_{001}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{301}\\
&+m_{000}^{(11)}m_{001}^{(21)}m_{001}^{(22)}m_{200}^{(20)}m_{220} + 3m_{000}^{(11)}m_{001}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{211} - 2m_{000}^{(11)}m_{001}^{(21)}m_{001}^{(22)}m_{200}^{(00)}m_{121}\\
&-m_{000}^{(11)}m_{001}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{301}^{(21)} + m_{000}^{(11)}m_{001}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{211}^{(20)} + m_{000}^{(11)}m_{001}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{202}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{112}^{(20)} + m_{000}^{(11)}m_{001}^{(21)}m_{001}^{(22)}m_{110}^{(21)}m_{400}^{(20)} - m_{000}^{(11)}m_{001}^{(21)}m_{001}^{(22)}m_{110}^{(20)}m_{310}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{301}^{(00)} + m_{000}^{(11)}m_{001}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{211}^{(21)} - m_{000}^{(11)}m_{001}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{211}\\
&-m_{000}^{(11)}m_{001}^{(21)}m_{001}^{(00)}m_{101}^{(20)}m_{202}^{(11)} + m_{000}^{(11)}m_{001}^{(21)}m_{001}^{(00)}m_{101}^{(20)}m_{121}^{(00)} + 3m_{000}^{(11)}m_{001}^{(21)}m_{001}^{(00)}m_{101}^{(10)}m_{112}\\
&-2m_{000}^{(11)}m_{001}^{(21)}m_{001}^{(00)}m_{101}^{(00)}m_{022}^{(00)} + m_{000}^{(11)}m_{001}^{(21)}m_{001}^{(20)}m_{101}^{(20)}m_{310}^{(21)} - m_{000}^{(11)}m_{001}^{(21)}m_{001}^{(20)}m_{101}^{(20)}m_{220}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{211}^{(00)} + m_{000}^{(11)}m_{001}^{(21)}m_{001}^{(20)}m_{101}^{(00)}m_{121}^{(22)} + m_{000}^{(11)}m_{001}^{(21)}m_{001}^{(22)}m_{101}^{(21)}m_{400}^{(11)}\\
&-2m_{000}^{(11)}m_{001}^{(21)}m_{001}^{(22)}m_{101}^{(10)}m_{310}^{(00)} + m_{000}^{(11)}m_{001}^{(21)}m_{001}^{(22)}m_{101}^{(00)}m_{220}^{(21)} + m_{000}^{(11)}m_{001}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{301}\\
&-m_{000}^{(11)}m_{001}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{211} - m_{000}^{(11)}m_{001}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{202} + m_{000}^{(11)}m_{001}^{(21)}m_{001}^{(00)}m_{011}^{(00)}m_{112}\\
&-m_{000}^{(11)}m_{001}^{(21)}m_{001}^{(20)}m_{011}^{(21)}m_{400} + m_{000}^{(11)}m_{001}^{(21)}m_{001}^{(20)}m_{011}^{(20)}m_{310} + m_{000}^{(11)}m_{001}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{301}\\
&-m_{000}^{(11)}m_{001}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{211} + m_{000}^{(11)}m_{001}^{(21)}m_{001}^{(00)}m_{002}^{(11)}m_{301} - 2m_{000}^{(11)}m_{001}^{(21)}m_{001}^{(00)}m_{002}^{(10)}m_{211}
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&+m_{000}^{(11)}m_{001}^{(21)}m_{002}^{(00)}m_{121}^{(00)} - m_{000}^{(11)}m_{001}^{(21)}m_{002}^{(20)}m_{400}^{(11)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{002}^{(20)}m_{310}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(21)}m_{002}^{(20)}m_{220}^{(00)} - m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(20)}m_{211}^{(11)} + 2m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(20)}m_{121}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(20)}m_{031}^{(00)} + m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(22)}m_{310}^{(11)} - 2m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(22)}m_{220}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(22)}m_{130}^{(00)} + m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(20)}m_{301}^{(11)} - 2m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(20)}m_{211}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(20)}m_{121}^{(00)} - m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(22)}m_{400}^{(11)} + 2m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(22)}m_{310}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(22)}m_{220}^{(00)} + m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(00)}m_{211}^{(11)} - 2m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(00)}m_{121}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(00)}m_{031}^{(00)} - m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(20)}m_{310}^{(11)} + 2m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(20)}m_{220}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(20)}m_{130}^{(00)} - m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(00)}m_{301}^{(11)} + 2m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(00)}m_{211}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(00)}m_{121}^{(00)} + m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(20)}m_{400}^{(11)} - 2m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(20)}m_{310}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(20)}m_{220}^{(00)} - m_{000}^{(20)}m_{100}^{(00)}m_{110}^{(11)}m_{022}^{(22)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{110}^{(11)}m_{013}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(00)}m_{110}^{(11)}m_{004}^{(11)} + m_{000}^{(20)}m_{100}^{(00)}m_{110}^{(21)}m_{031}^{(22)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{110}^{(21)}m_{022}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{110}^{(21)}m_{013}^{(11)} + m_{000}^{(20)}m_{100}^{(00)}m_{101}^{(11)}m_{031}^{(22)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{101}^{(11)}m_{022}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{101}^{(11)}m_{013}^{(11)} - m_{000}^{(20)}m_{100}^{(00)}m_{101}^{(21)}m_{040}^{(22)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{101}^{(21)}m_{031}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(00)}m_{101}^{(21)}m_{022}^{(11)} + m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(10)}m_{022}^{(22)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(10)}m_{013}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(10)}m_{004}^{(11)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(20)}m_{031}^{(22)} + 4m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(20)}m_{022}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(20)}m_{013}^{(11)} + m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(21)}m_{121}^{(22)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(21)}m_{112}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(21)}m_{103}^{(11)} - m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(11)}m_{121}^{(22)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(11)}m_{112}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(11)}m_{103}^{(11)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(20)}m_{040}^{(22)} - 4m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(20)}m_{031}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(20)}m_{022}^{(11)} - m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(21)}m_{130}^{(22)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(21)}m_{121}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(21)}m_{112}^{(11)} - m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(10)}m_{040}^{(22)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(10)}m_{031}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(10)}m_{022}^{(11)} + m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(11)}m_{130}^{(22)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(11)}m_{121}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(11)}m_{112}^{(11)} + m_{000}^{(20)}m_{100}^{(10)}m_{200}^{(11)}m_{022}^{(22)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{200}^{(11)}m_{013}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{200}^{(11)}m_{004}^{(11)} - m_{000}^{(20)}m_{100}^{(10)}m_{200}^{(21)}m_{031}^{(22)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{200}^{(21)}m_{022}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{200}^{(21)}m_{013}^{(11)} - m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(10)}m_{022}^{(22)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(10)}m_{013}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(10)}m_{004}^{(11)} + m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(11)}m_{112}^{(22)} - m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(11)}m_{103}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(11)}m_{013}^{(20)} + m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(11)}m_{004}^{(10)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(20)}m_{031}^{(22)}\\
&-4m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(20)}m_{022}^{(21)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(20)}m_{013}^{(11)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(21)}m_{121}^{(22)}\\
&+3m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(21)}m_{112}^{(21)} - m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(21)}m_{103}^{(11)} + m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(21)}m_{022}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(21)}m_{013}^{(10)} - m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(10)}m_{031}^{(22)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(10)}m_{022}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(10)}m_{013}^{(11)} - m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(11)}m_{121}^{(22)} + m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(11)}m_{112}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(11)}m_{022}^{(20)} - m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(11)}m_{013}^{(10)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(21)}m_{130}^{(22)}\\
&-3m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(21)}m_{121}^{(21)} + m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(21)}m_{112}^{(11)} - m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(21)}m_{031}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(21)}m_{022}^{(10)} - m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(10)}m_{112}^{(22)} + m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(10)}m_{103}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(10)}m_{013}^{(20)} - m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(10)}m_{004}^{(10)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(20)}m_{121}^{(22)}\\
&-2m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(20)}m_{112}^{(21)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(20)}m_{022}^{(20)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(20)}m_{013}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(21)}m_{211}^{(22)} + m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(21)}m_{202}^{(21)} + m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(21)}m_{112}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(21)}m_{103}^{(10)} + m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(10)}m_{121}^{(22)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(10)}m_{112}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(10)}m_{103}^{(11)} + m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(11)}m_{211}^{(22)} - m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(11)}m_{202}^{(21)}
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&-m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(11)}m_{112}^{(20)}+m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(11)}m_{103}^{(10)}-4m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(20)}m_{130}^{(22)}\\
&+6m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(20)}m_{121}^{(21)}-2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(20)}m_{112}^{(11)}+2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(20)}m_{031}^{(20)}\\
&-2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(20)}m_{022}^{(10)}+2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(21)}m_{220}^{(22)}-3m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(21)}m_{211}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(21)}m_{202}^{(11)}-m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(21)}m_{121}^{(20)}+m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(21)}m_{112}^{(10)}\\
&+2m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(10)}m_{130}^{(22)}-3m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(10)}m_{121}^{(21)}+m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(10)}m_{112}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(10)}m_{031}^{(20)}+m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(10)}m_{022}^{(10)}-2m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(11)}m_{220}^{(22)}\\
&+3m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(11)}m_{211}^{(21)}-m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(11)}m_{202}^{(11)}+m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(11)}m_{121}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(11)}m_{112}^{(10)}-m_{000}^{(20)}m_{100}^{(11)}m_{200}^{(11)}m_{112}^{(22)}+m_{000}^{(20)}m_{100}^{(11)}m_{200}^{(11)}m_{103}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{200}^{(11)}m_{013}^{(20)}-m_{000}^{(20)}m_{100}^{(11)}m_{200}^{(11)}m_{004}^{(10)}+m_{000}^{(20)}m_{100}^{(11)}m_{200}^{(21)}m_{121}^{(22)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{200}^{(21)}m_{112}^{(21)}-m_{000}^{(20)}m_{100}^{(11)}m_{200}^{(21)}m_{022}^{(20)}+m_{000}^{(20)}m_{100}^{(11)}m_{200}^{(21)}m_{013}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(10)}m_{112}^{(22)}-m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(10)}m_{103}^{(21)}-m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(10)}m_{013}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(10)}m_{004}^{(10)}-2m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(20)}m_{121}^{(22)}+2m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(20)}m_{112}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(20)}m_{022}^{(20)}-2m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(20)}m_{013}^{(10)}+m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(21)}m_{211}^{(22)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(21)}m_{202}^{(21)}-m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(21)}m_{112}^{(20)}+m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(21)}m_{103}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(10)}m_{121}^{(22)}-m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(10)}m_{112}^{(21)}-m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(10)}m_{022}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(10)}m_{013}^{(10)}-m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(21)}m_{220}^{(22)}+m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(21)}m_{211}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(21)}m_{121}^{(20)}-m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(21)}m_{112}^{(10)}-m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(10)}m_{211}^{(22)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(10)}m_{202}^{(21)}+m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(10)}m_{112}^{(20)}-m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(10)}m_{103}^{(10)}\\
&+2m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(20)}m_{220}^{(22)}-2m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(20)}m_{211}^{(21)}-2m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(20)}m_{121}^{(20)}\\
&+2m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(20)}m_{112}^{(10)}-m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(21)}m_{310}^{(22)}+m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(21)}m_{301}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(21)}m_{211}^{(20)}-m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(21)}m_{202}^{(10)}-m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(10)}m_{220}^{(22)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(10)}m_{211}^{(21)}+m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(10)}m_{121}^{(20)}-m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(10)}m_{112}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(11)}m_{310}^{(22)}-m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(11)}m_{301}^{(21)}-m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(11)}m_{211}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(11)}m_{202}^{(10)}-m_{000}^{(20)}m_{100}^{(20)}m_{200}^{(11)}m_{031}^{(22)}+2m_{000}^{(20)}m_{100}^{(20)}m_{200}^{(11)}m_{022}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{200}^{(11)}m_{013}^{(11)}+m_{000}^{(20)}m_{100}^{(20)}m_{200}^{(21)}m_{040}^{(22)}-2m_{000}^{(20)}m_{100}^{(20)}m_{200}^{(21)}m_{031}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{200}^{(21)}m_{022}^{(11)}+m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(10)}m_{031}^{(22)}-2m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(10)}m_{022}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(10)}m_{013}^{(11)}+m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(11)}m_{121}^{(22)}-3m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(11)}m_{112}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(11)}m_{103}^{(11)}+m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(11)}m_{022}^{(20)}-m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(11)}m_{013}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(20)}m_{040}^{(22)}+4m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(20)}m_{031}^{(21)}-2m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(20)}m_{022}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(21)}m_{121}^{(21)}-m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(21)}m_{112}^{(11)}-m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(21)}m_{031}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(21)}m_{022}^{(10)}+m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(10)}m_{040}^{(22)}-2m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(10)}m_{031}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(10)}m_{022}^{(11)}-m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(11)}m_{130}^{(22)}+3m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(11)}m_{121}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(11)}m_{112}^{(11)}-m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(11)}m_{031}^{(20)}+m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(11)}m_{022}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(21)}m_{130}^{(21)}+m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(21)}m_{121}^{(11)}+m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(21)}m_{040}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(21)}m_{031}^{(10)}-m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(10)}m_{121}^{(22)}+3m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(10)}m_{112}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(10)}m_{103}^{(11)}-m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(10)}m_{022}^{(20)}+m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(10)}m_{013}^{(10)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(20)}m_{130}^{(22)}-6m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(20)}m_{121}^{(21)}+4m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(20)}m_{112}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(20)}m_{031}^{(20)}-2m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(20)}m_{022}^{(10)}-m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(21)}m_{220}^{(22)}
\end{aligned}
$$

$$
\begin{aligned}
&+3m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(21)}m_{211}^{(21)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(21)}m_{202}^{(11)} - m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(21)}m_{121}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(21)}m_{112}^{(10)} - m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(10)}m_{130}^{(22)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(10)}m_{121}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(10)}m_{112}^{(11)} + m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(11)}m_{220}^{(22)} - 3m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(11)}m_{211}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(11)}m_{202}^{(11)} + m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(11)}m_{121}^{(20)} - m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(11)}m_{112}^{(10)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(20)}m_{130}^{(21)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(20)}m_{121}^{(11)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(20)}m_{040}^{(20)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(20)}m_{031}^{(10)} - m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(21)}m_{220}^{(21)} + m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(21)}m_{211}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(21)}m_{130}^{(20)} - m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(21)}m_{121}^{(10)} - m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(10)}m_{130}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(10)}m_{121}^{(11)} + m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(10)}m_{040}^{(20)} - m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(10)}m_{031}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(11)}m_{220}^{(21)} - m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(11)}m_{211}^{(11)} - m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(11)}m_{130}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(11)}m_{121}^{(10)} + m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(11)}m_{121}^{(22)} - m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(11)}m_{103}^{(11)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(11)}m_{022}^{(20)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(11)}m_{013}^{(10)} - m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(21)}m_{130}^{(22)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(21)}m_{112}^{(11)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(21)}m_{031}^{(20)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(21)}m_{022}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(10)}m_{121}^{(22)} + m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(10)}m_{103}^{(11)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(10)}m_{022}^{(20)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(10)}m_{013}^{(10)} - m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(11)}m_{211}^{(22)} + m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(11)}m_{202}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(11)}m_{112}^{(20)} - m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(11)}m_{103}^{(10)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(20)}m_{110}^{(22)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(20)}m_{112}^{(11)} - 4m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(20)}m_{031}^{(20)} + 4m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(20)}m_{022}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{211}^{(21)} + m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{202}^{(11)} + m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{121}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{112}^{(10)} - m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(10)}m_{130}^{(22)} + m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(10)}m_{112}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(10)}m_{031}^{(20)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(10)}m_{022}^{(10)} + m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{220}^{(22)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{211}^{(21)} - m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{121}^{(20)} + m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{112}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{220}^{(21)} - m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{211}^{(11)} - m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{130}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{121}^{(10)} + m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(10)}m_{211}^{(22)} - m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(10)}m_{202}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(10)}m_{112}^{(20)} + m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(10)}m_{103}^{(10)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{220}^{(22)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{211}^{(21)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{121}^{(20)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{112}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(21)}m_{310}^{(22)} - m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(21)}m_{301}^{(21)} - m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(21)}m_{211}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(21)}m_{202}^{(10)} + m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{220}^{(22)} - m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{202}^{(11)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{121}^{(20)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{112}^{(10)} - m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(11)}m_{310}^{(22)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(11)}m_{301}^{(21)} + m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(11)}m_{211}^{(20)} - m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(11)}m_{202}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(20)}m_{220}^{(21)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(20)}m_{211}^{(11)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(20)}m_{130}^{(20)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(20)}m_{121}^{(10)} + m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(21)}m_{310}^{(21)} - m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(21)}m_{301}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(21)}m_{220}^{(20)} + m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(21)}m_{211}^{(10)} + m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(10)}m_{220}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(10)}m_{211}^{(11)} - m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(10)}m_{130}^{(20)} + m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(10)}m_{121}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(11)}m_{310}^{(21)} + m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(11)}m_{301}^{(11)} + m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(11)}m_{220}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(11)}m_{211}^{(10)} - m_{000}^{(20)}m_{100}^{(22)}m_{200}^{(11)}m_{121}^{(21)} + m_{000}^{(20)}m_{100}^{(22)}m_{200}^{(11)}m_{112}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{200}^{(11)}m_{031}^{(20)} - m_{000}^{(20)}m_{100}^{(22)}m_{200}^{(11)}m_{022}^{(10)} + m_{000}^{(20)}m_{100}^{(22)}m_{200}^{(21)}m_{130}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{200}^{(21)}m_{121}^{(11)} - m_{000}^{(20)}m_{100}^{(22)}m_{200}^{(21)}m_{040}^{(20)} + m_{000}^{(20)}m_{100}^{(22)}m_{200}^{(21)}m_{031}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(10)}m_{121}^{(21)} - m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(10)}m_{112}^{(11)} - m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(10)}m_{031}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(10)}m_{022}^{(10)} + m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(11)}m_{211}^{(21)} - m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(11)}m_{202}^{(11)}
\end{aligned}
$$

$$-m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(11)}m_{121}^{(20)}+m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(11)}m_{112}^{(10)}-2m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(20)}m_{130}^{(21)}$$
$$+2m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(20)}m_{121}^{(11)}+2m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(20)}m_{040}^{(20)}-2m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(20)}m_{031}^{(10)}$$
$$+m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(10)}m_{130}^{(21)}-m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(10)}m_{121}^{(11)}-m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(10)}m_{040}^{(20)}$$
$$+m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(10)}m_{031}^{(10)}-m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(11)}m_{220}^{(21)}+m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(11)}m_{211}^{(11)}$$
$$+m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(11)}m_{130}^{(20)}-m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(11)}m_{121}^{(10)}-m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(10)}m_{211}^{(21)}$$
$$+m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(10)}m_{202}^{(11)}+m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(10)}m_{121}^{(20)}-m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(10)}m_{112}^{(10)}$$
$$+2m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(20)}m_{220}^{(21)}-2m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(20)}m_{211}^{(11)}-2m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(20)}m_{130}^{(20)}$$
$$+2m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(20)}m_{121}^{(10)}-m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(21)}m_{310}^{(21)}+m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(21)}m_{301}^{(11)}$$
$$+m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(21)}m_{220}^{(20)}-m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(21)}m_{211}^{(10)}-m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(10)}m_{220}^{(21)}$$
$$+m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(10)}m_{211}^{(11)}+m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(10)}m_{130}^{(20)}-m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(10)}m_{121}^{(10)}$$
$$+m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(11)}m_{310}^{(21)}-m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(11)}m_{301}^{(11)}-m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(11)}m_{220}^{(20)}$$
$$+m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(11)}m_{211}^{(10)}+m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(11)}m_{112}^{(22)}-m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(11)}m_{103}^{(21)}$$
$$-m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(11)}m_{013}^{(20)}+m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(11)}m_{004}^{(10)}-m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(21)}m_{121}^{(22)}$$
$$+m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(21)}m_{112}^{(21)}+m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(21)}m_{022}^{(20)}-m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(21)}m_{013}^{(10)}$$
$$-m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(11)}m_{121}^{(22)}+m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(11)}m_{112}^{(21)}+m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(11)}m_{022}^{(20)}$$
$$-m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(11)}m_{013}^{(10)}+m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(21)}m_{130}^{(22)}-m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(21)}m_{121}^{(21)}$$
$$-m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(21)}m_{031}^{(20)}+m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(21)}m_{022}^{(10)}-m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(10)}m_{112}^{(22)}$$
$$+m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(10)}m_{103}^{(21)}+m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(10)}m_{013}^{(20)}-m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(10)}m_{004}^{(10)}$$
$$+2m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(20)}m_{121}^{(22)}-2m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(20)}m_{112}^{(21)}-2m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(20)}m_{022}^{(20)}$$
$$+2m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(20)}m_{013}^{(10)}-m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(21)}m_{211}^{(22)}+m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(21)}m_{202}^{(21)}$$
$$+m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(21)}m_{112}^{(20)}-m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(21)}m_{103}^{(10)}+m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(11)}m_{211}^{(22)}$$
$$-m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(11)}m_{202}^{(21)}-m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(11)}m_{112}^{(20)}+m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(11)}m_{103}^{(10)}$$
$$-2m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(20)}m_{130}^{(22)}+2m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(20)}m_{121}^{(21)}+2m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(20)}m_{031}^{(20)}$$
$$-2m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(20)}m_{022}^{(10)}+m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{220}^{(22)}-m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{211}^{(21)}$$
$$-m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(20)}m_{121}^{(20)}+m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{112}^{(10)}+m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(10)}m_{130}^{(22)}$$
$$-m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(10)}m_{121}^{(21)}-m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(10)}m_{031}^{(20)}+m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(10)}m_{022}^{(10)}$$
$$-m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(11)}m_{220}^{(22)}+m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(11)}m_{211}^{(21)}+m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(11)}m_{121}^{(20)}$$
$$-m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(11)}m_{112}^{(10)}-m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(11)}m_{112}^{(22)}+m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(11)}m_{103}^{(21)}$$
$$+m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(11)}m_{013}^{(20)}-m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(11)}m_{004}^{(10)}+m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(21)}m_{121}^{(22)}$$
$$-m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(21)}m_{112}^{(21)}-m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(21)}m_{022}^{(20)}+m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(21)}m_{013}^{(10)}$$
$$+m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(10)}m_{112}^{(22)}-m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(10)}m_{103}^{(21)}-m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(10)}m_{013}^{(20)}$$
$$+m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(10)}m_{004}^{(10)}-m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(11)}m_{202}^{(22)}+2m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(11)}m_{103}^{(20)}$$
$$-m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(11)}m_{004}^{(00)}-2m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(20)}m_{121}^{(22)}+2m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(20)}m_{112}^{(21)}$$
$$+2m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(20)}m_{022}^{(20)}-2m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(20)}m_{013}^{(10)}+2m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{211}^{(22)}$$
$$-m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{202}^{(21)}-3m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{112}^{(20)}+m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{103}^{(10)}$$
$$+m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{013}^{(00)}+m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(11)}m_{121}^{(22)}-m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(11)}m_{112}^{(21)}$$
$$-m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(10)}m_{022}^{(20)}+m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(10)}m_{013}^{(10)}+m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(11)}m_{211}^{(22)}$$
$$-2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(11)}m_{112}^{(20)}+m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(11)}m_{013}^{(00)}-2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{220}^{(22)}$$

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\begin{aligned}
&+m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{211}^{(21)}+3m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{121}^{(20)}-m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{112}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{022}^{(00)}+m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(10)}m_{202}^{(22)}-2m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(10)}m_{103}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(10)}m_{004}^{(00)}-2m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(20)}m_{211}^{(22)}+4m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(20)}m_{112}^{(20)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(20)}m_{013}^{(00)}+m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(21)}m_{301}^{(22)}-2m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(21)}m_{202}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(21)}m_{103}^{(00)}-m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{211}^{(22)}+m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{202}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{112}^{(20)}-m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{103}^{(10)}-m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(11)}m_{301}^{(22)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(11)}m_{202}^{(20)}-m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(11)}m_{103}^{(00)}+4m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{220}^{(22)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{211}^{(21)}-6m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{121}^{(20)}+2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{112}^{(10)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{022}^{(00)}-2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{310}^{(22)}+m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{301}^{(21)}\\
&+3m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{211}^{(20)}-m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{202}^{(10)}-m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{112}^{(00)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{220}^{(22)}+m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{211}^{(21)}+3m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{121}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{112}^{(10)}-m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{022}^{(00)}+2m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(11)}m_{310}^{(22)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(11)}m_{301}^{(21)}-3m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(11)}m_{211}^{(20)}+m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(11)}m_{202}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(11)}m_{112}^{(00)}+m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(11)}m_{202}^{(22)}-2m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(11)}m_{103}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(11)}m_{004}^{(00)}-m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(21)}m_{211}^{(22)}+2m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(21)}m_{112}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(21)}m_{013}^{(00)}-m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(10)}m_{202}^{(22)}+2m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(10)}m_{103}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(10)}m_{004}^{(00)}+2m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(20)}m_{211}^{(22)}-4m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(20)}m_{112}^{(20)}\\
&+2m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(20)}m_{013}^{(00)}-m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(21)}m_{301}^{(22)}+2m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(21)}m_{202}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(21)}m_{103}^{(00)}-m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(10)}m_{211}^{(22)}+2m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(10)}m_{112}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(10)}m_{013}^{(00)}+m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(21)}m_{310}^{(22)}-2m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(21)}m_{211}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(21)}m_{112}^{(00)}+m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(10)}m_{301}^{(22)}-2m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(10)}m_{202}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(10)}m_{103}^{(00)}-2m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(20)}m_{310}^{(22)}+4m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(20)}m_{211}^{(20)}\\
&-2m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(20)}m_{112}^{(00)}+m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(21)}m_{400}^{(22)}-2m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(21)}m_{301}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(21)}m_{202}^{(00)}+m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(10)}m_{002}^{(22)}m_{310}^{(20)}-2m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(10)}m_{002}^{(20)}m_{211}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(10)}m_{002}^{(00)}m_{112}^{(20)}-m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(11)}m_{002}^{(22)}m_{400}^{(20)}+2m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(11)}m_{002}^{(20)}m_{301}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(11)}m_{202}^{(00)}+m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(11)}m_{121}^{(22)}-m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(11)}m_{112}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(11)}m_{022}^{(20)}+m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(11)}m_{013}^{(10)}-m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(21)}m_{130}^{(22)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(21)}m_{121}^{(21)}+m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(21)}m_{031}^{(20)}-m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(21)}m_{022}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(10)}m_{121}^{(22)}+m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(10)}m_{112}^{(21)}+m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(10)}m_{022}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(10)}m_{013}^{(10)}-m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(11)}m_{211}^{(22)}+2m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(11)}m_{202}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(11)}m_{103}^{(10)}+m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(11)}m_{013}^{(00)}+2m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(20)}m_{130}^{(22)}\\
&-2m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(20)}m_{121}^{(21)}-2m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(20)}m_{031}^{(20)}+2m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(20)}m_{022}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{211}^{(21)}+m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{121}^{(20)}+m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{112}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{022}^{(00)}-m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(10)}m_{130}^{(22)}+m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(10)}m_{121}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(10)}m_{031}^{(20)}-m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(10)}m_{022}^{(10)}+m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(11)}m_{220}^{(22)}\\
&-2m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(11)}m_{211}^{(21)}+2m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(11)}m_{112}^{(10)}-m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(11)}m_{022}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{220}^{(21)}-m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{130}^{(20)}-m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{121}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{031}^{(00)}+m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(10)}m_{211}^{(22)}-2m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(10)}m_{202}^{(21)}
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&+2m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(10)}m_{103}^{(10)} - m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(10)}m_{013}^{(00)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(20)}m_{220}^{(22)}\\
&+4m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(20)}m_{211}^{(21)} - 4m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(20)}m_{112}^{(10)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(20)}m_{022}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(21)}m_{310}^{(22)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(21)}m_{301}^{(21)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(21)}m_{202}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(21)}m_{112}^{(00)} + m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{220}^{(22)} - m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{211}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{121}^{(20)} + m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{112}^{(10)} - m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(11)}m_{310}^{(22)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(11)}m_{301}^{(21)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(11)}m_{202}^{(10)} + m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(11)}m_{112}^{(00)}\\
&-2m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(20)}m_{220}^{(21)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(20)}m_{130}^{(20)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(20)}m_{121}^{(10)}\\
&-2m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(20)}m_{031}^{(00)} + m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{310}^{(21)} - m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{220}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{211}^{(10)} + m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{121}^{(00)} + m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(10)}m_{220}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(10)}m_{130}^{(20)} - m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(10)}m_{121}^{(10)} + m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(10)}m_{031}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(11)}m_{310}^{(21)} + m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(11)}m_{220}^{(20)} + m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(11)}m_{211}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(11)}m_{121}^{(00)} - m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(11)}m_{211}^{(22)} - m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(11)}m_{202}^{(21)}\\
&+3m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(11)}m_{112}^{(20)} + m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(11)}m_{103}^{(10)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(11)}m_{013}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{220}^{(22)} + m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{211}^{(21)} - 3m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{121}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{112}^{(10)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{022}^{(00)} + m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{211}^{(22)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{202}^{(21)} - 3m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{112}^{(20)} - m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{103}^{(10)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{013}^{(00)} + m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(11)}m_{301}^{(22)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(11)}m_{202}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(11)}m_{103}^{(00)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{220}^{(22)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{211}^{(21)}\\
&+6m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{121}^{(20)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{112}^{(10)} - 4m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{022}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{301}^{(21)} - m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{211}^{(20)} - m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{202}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{112}^{(00)} + m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{220}^{(22)} + m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{211}^{(21)}\\
&-3m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{121}^{(20)} - m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{112}^{(10)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{022}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(11)}m_{310}^{(22)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(11)}m_{211}^{(20)} - m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(11)}m_{112}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{310}^{(21)} + m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{220}^{(20)} + m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{211}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(00)}m_{121}^{(22)} - m_{000}^{(20)}m_{010}^{(21)}m_{020}^{(10)}m_{301}^{(22)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{020}^{(10)}m_{202}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{020}^{(10)}m_{103}^{(00)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{020}^{(20)}m_{310}^{(22)} - 4m_{000}^{(20)}m_{010}^{(21)}m_{020}^{(20)}m_{211}^{(20)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{020}^{(20)}m_{112}^{(00)} - m_{000}^{(20)}m_{010}^{(21)}m_{020}^{(21)}m_{400}^{(22)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{020}^{(21)}m_{301}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{020}^{(21)}m_{202}^{(00)} - m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{310}^{(22)} - m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{301}^{(21)}\\
&+3m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{211}^{(20)} + m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{202}^{(10)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{112}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(11)}m_{400}^{(22)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(11)}m_{301}^{(20)} + m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(11)}m_{202}^{(00)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{310}^{(21)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{220}^{(20)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{211}^{(10)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{121}^{(00)} - m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{400}^{(21)} + m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{310}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{301}^{(10)} - m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{211}^{(00)} - m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(10)}m_{310}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(10)}m_{220}^{(20)} + m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(10)}m_{211}^{(10)} - m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(10)}m_{121}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(11)}m_{400}^{(21)} - m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(11)}m_{310}^{(20)} - m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(11)}m_{301}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(11)}m_{211}^{(00)} + m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(11)}m_{211}^{(21)} - m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(11)}m_{121}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(11)}m_{112}^{(10)} + m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(11)}m_{022}^{(00)} - m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{220}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{130}^{(20)} + m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{121}^{(10)} - m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{031}^{(00)}
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&-m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{211}^{(21)}+m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{121}^{(20)}+m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{112}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{022}^{(00)}-m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(11)}m_{301}^{(21)}+m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(11)}m_{211}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(11)}m_{202}^{(10)}-m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(11)}m_{112}^{(00)}+2m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{220}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{130}^{(20)}-2m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{121}^{(10)}+2m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{031}^{(00)}\\
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&-m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(10)}m_{031}^{(00)}+m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(11)}m_{310}^{(21)}-m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(11)}m_{220}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(11)}m_{211}^{(10)}+m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(11)}m_{121}^{(00)}+m_{000}^{(20)}m_{010}^{(22)}m_{020}^{(10)}m_{301}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(22)}m_{020}^{(10)}m_{211}^{(20)}-m_{000}^{(20)}m_{010}^{(22)}m_{020}^{(10)}m_{202}^{(10)}+m_{000}^{(20)}m_{010}^{(22)}m_{020}^{(10)}m_{112}^{(00)}\\
&-2m_{000}^{(20)}m_{010}^{(22)}m_{020}^{(20)}m_{310}^{(21)}+2m_{000}^{(20)}m_{010}^{(22)}m_{020}^{(20)}m_{220}^{(20)}+2m_{000}^{(20)}m_{010}^{(22)}m_{020}^{(20)}m_{211}^{(10)}\\
&-2m_{000}^{(20)}m_{010}^{(22)}m_{020}^{(20)}m_{121}^{(00)}+m_{000}^{(20)}m_{010}^{(22)}m_{020}^{(21)}m_{400}^{(21)}-m_{000}^{(20)}m_{010}^{(22)}m_{020}^{(21)}m_{310}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(22)}m_{020}^{(21)}m_{301}^{(10)}+m_{000}^{(20)}m_{010}^{(22)}m_{020}^{(21)}m_{211}^{(00)}+m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{310}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{220}^{(20)}-m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{211}^{(10)}+m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{121}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(11)}m_{400}^{(21)}+m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(11)}m_{310}^{(20)}+m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(11)}m_{301}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(11)}m_{211}^{(00)}-m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(11)}m_{112}^{(21)}+m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(11)}m_{103}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(11)}m_{022}^{(20)}-m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(11)}m_{013}^{(10)}+m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{121}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{112}^{(11)}-m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{031}^{(20)}+m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{022}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{101}^{(11)}m_{121}^{(21)}-m_{000}^{(20)}m_{001}^{(00)}m_{101}^{(11)}m_{112}^{(11)}-m_{000}^{(20)}m_{001}^{(00)}m_{101}^{(11)}m_{031}^{(20)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{101}^{(11)}m_{022}^{(10)}-m_{000}^{(20)}m_{001}^{(00)}m_{101}^{(21)}m_{130}^{(21)}+m_{000}^{(20)}m_{001}^{(00)}m_{101}^{(21)}m_{121}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{101}^{(21)}m_{040}^{(20)}-m_{000}^{(20)}m_{001}^{(00)}m_{101}^{(21)}m_{031}^{(10)}+m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(10)}m_{112}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(10)}m_{103}^{(11)}-m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(10)}m_{022}^{(20)}+m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(10)}m_{013}^{(10)}\\
&-2m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(20)}m_{121}^{(21)}+2m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(20)}m_{112}^{(11)}+2m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(20)}m_{031}^{(20)}\\
&-2m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(20)}m_{022}^{(10)}+m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{211}^{(21)}-m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{202}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{121}^{(20)}+m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{112}^{(10)}-m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{211}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{202}^{(11)}+m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{121}^{(20)}-m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{112}^{(10)}\\
&+2m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(20)}m_{130}^{(21)}-2m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(20)}m_{121}^{(11)}-2m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(20)}m_{040}^{(20)}\\
&+2m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(20)}m_{031}^{(10)}-m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{220}^{(21)}+m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{211}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{130}^{(20)}-m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{121}^{(10)}-m_{000}^{(20)}m_{001}^{(00)}m_{002}^{(10)}m_{130}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{002}^{(10)}m_{121}^{(11)}+m_{000}^{(20)}m_{001}^{(00)}m_{002}^{(10)}m_{040}^{(20)}-m_{000}^{(20)}m_{001}^{(00)}m_{002}^{(10)}m_{031}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{002}^{(11)}m_{220}^{(21)}-m_{000}^{(20)}m_{001}^{(00)}m_{002}^{(11)}m_{211}^{(11)}-m_{000}^{(20)}m_{001}^{(00)}m_{002}^{(11)}m_{130}^{(20)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{002}^{(11)}m_{121}^{(10)}+m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(11)}m_{112}^{(21)}-m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(11)}m_{103}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(11)}m_{022}^{(20)}+m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(11)}m_{013}^{(10)}-m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(21)}m_{121}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(21)}m_{112}^{(11)}+m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(21)}m_{031}^{(20)}-m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(21)}m_{022}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{112}^{(21)}+m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{103}^{(11)}+m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{022}^{(20)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{013}^{(10)}+m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(11)}m_{202}^{(21)}-m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(11)}m_{112}^{(20)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(11)}m_{103}^{(10)}+m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(11)}m_{013}^{(00)}+2m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{121}^{(21)}\\
&-2m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{112}^{(11)}-2m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{031}^{(20)}+2m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{022}^{(10)}\\
&-2m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{211}^{(21)}+m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{202}^{(11)}+2m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{121}^{(20)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{022}^{(00)}-m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{121}^{(21)}+m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{112}^{(11)}
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&+m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{031}^{(20)} - m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{022}^{(10)} - m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{211}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{121}^{(20)} + m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{112}^{(10)} - m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{022}^{(00)}\\
&+2m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{220}^{(21)} - m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{211}^{(11)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{130}^{(20)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{031}^{(00)} - m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{202}^{(21)} + m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{112}^{(20)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{103}^{(10)} - m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{013}^{(00)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{211}^{(21)}\\
&-2m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{121}^{(20)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{112}^{(10)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{022}^{(00)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{301}^{(21)} + m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{211}^{(20)} + m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{202}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{112}^{(00)} + m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{211}^{(21)} - m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{202}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{121}^{(20)} + m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{112}^{(10)} + m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{301}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{211}^{(20)} - m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{202}^{(10)} + m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{112}^{(00)}\\
&-4m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{220}^{(21)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{211}^{(11)} + 4m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{130}^{(20)}\\
&-2m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{031}^{(00)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{310}^{(21)} - m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{301}^{(11)}\\
&-2m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{220}^{(20)} + m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{121}^{(00)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{220}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{211}^{(11)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{130}^{(20)} + m_{000}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{031}^{(00)}\\
&-2m_{000}^{(20)}m_{001}^{(10)}m_{002}^{(11)}m_{310}^{(21)} + m_{000}^{(20)}m_{001}^{(10)}m_{002}^{(11)}m_{301}^{(11)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{002}^{(11)}m_{220}^{(20)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{002}^{(11)}m_{121}^{(00)} - m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(11)}m_{202}^{(21)} + m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(11)}m_{112}^{(20)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(11)}m_{103}^{(10)} - m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(11)}m_{013}^{(00)} + m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(21)}m_{211}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(21)}m_{121}^{(20)} - m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(21)}m_{112}^{(10)} + m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(21)}m_{022}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(10)}m_{202}^{(21)} - m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(10)}m_{112}^{(20)} - m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(10)}m_{103}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(10)}m_{013}^{(00)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{211}^{(21)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{121}^{(20)}\\
&+2m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{112}^{(10)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{022}^{(00)} + m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{301}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{211}^{(20)} - m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{202}^{(10)} + m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{112}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{211}^{(21)} - m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{121}^{(20)} - m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{112}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{022}^{(00)} - m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{310}^{(21)} + m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{220}^{(20)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{211}^{(10)} - m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{121}^{(00)} - m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{301}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{211}^{(20)} + m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{202}^{(10)} - m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{112}^{(00)}\\
&+2m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{310}^{(21)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{220}^{(20)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{211}^{(10)}\\
&+2m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{121}^{(00)} - m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(21)}m_{400}^{(21)} + m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(21)}m_{310}^{(20)}\\
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&+m_{000}^{(20)}m_{001}^{(11)}m_{002}^{(10)}m_{220}^{(20)} + m_{000}^{(20)}m_{001}^{(11)}m_{002}^{(10)}m_{211}^{(10)} - m_{000}^{(20)}m_{001}^{(11)}m_{002}^{(10)}m_{121}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{002}^{(11)}m_{400}^{(21)} - m_{000}^{(20)}m_{001}^{(11)}m_{002}^{(11)}m_{310}^{(20)} - m_{000}^{(20)}m_{001}^{(11)}m_{002}^{(11)}m_{301}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{002}^{(11)}m_{211}^{(00)} - m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(11)}m_{121}^{(21)} + m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(11)}m_{112}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(11)}m_{031}^{(20)} - m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(11)}m_{022}^{(10)} + m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(21)}m_{130}^{(21)}\\
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&+m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{121}^{(21)} - m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{112}^{(11)} - m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{031}^{(20)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{022}^{(10)} + m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{211}^{(21)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(20)}m_{202}^{(11)}\\
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&-2m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(20)}m_{130}^{(21)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(20)}m_{121}^{(11)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(20)}m_{040}^{(20)}
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&-2m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(20)}m_{031}^{(10)} + m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{211}^{(11)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{121}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{031}^{(00)} + m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{130}^{(21)} - m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{121}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{040}^{(20)} + m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{031}^{(10)} - m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{220}^{(21)}\\
&+2m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{211}^{(11)} + m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{130}^{(20)} - 3m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{121}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{031}^{(00)} - m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(21)}m_{220}^{(11)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(21)}m_{130}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(21)}m_{040}^{(00)} - m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{211}^{(21)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{202}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{121}^{(20)} - 3m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{112}^{(10)} + m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{022}^{(00)}\\
&+2m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{220}^{(21)} - 4m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{211}^{(11)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{130}^{(20)}\\
&+6m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{121}^{(10)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{031}^{(00)} - m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{310}^{(21)}\\
&+2m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{301}^{(11)} + m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{220}^{(20)} - 3m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{211}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{121}^{(00)} - m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{220}^{(21)} + m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{211}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{130}^{(20)} - m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{121}^{(10)} + m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{310}^{(21)}\\
&-2m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{301}^{(11)} - m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{220}^{(20)} + 3m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{211}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{121}^{(00)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(20)}m_{220}^{(11)} - 4m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(20)}m_{130}^{(10)}\\
&+2m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(20)}m_{040}^{(00)} - m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(21)}m_{310}^{(11)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(21)}m_{220}^{(10)}\\
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&-m_{000}^{(20)}m_{001}^{(20)}m_{002}^{(10)}m_{040}^{(00)} + m_{000}^{(20)}m_{001}^{(20)}m_{002}^{(11)}m_{310}^{(11)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{002}^{(11)}m_{220}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{002}^{(11)}m_{130}^{(00)} + m_{000}^{(20)}m_{001}^{(21)}m_{002}^{(11)}m_{211}^{(21)} + m_{000}^{(20)}m_{001}^{(21)}m_{002}^{(11)}m_{202}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{121}^{(20)} - 3m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{112}^{(10)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{022}^{(00)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{220}^{(21)} - m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{211}^{(11)} + m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{130}^{(20)}\\
&+3m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{121}^{(10)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{031}^{(00)} - m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{211}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{202}^{(11)} + m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{121}^{(20)} + 3m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{112}^{(10)}\\
&-2m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{022}^{(00)} - m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{301}^{(21)} + m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{211}^{(20)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{202}^{(10)} - m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{112}^{(00)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{220}^{(21)}\\
&+2m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{211}^{(11)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{130}^{(20)} - 6m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{121}^{(10)}\\
&+4m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{031}^{(00)} - m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{301}^{(11)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{211}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{121}^{(00)} - m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{220}^{(21)} - m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{211}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{130}^{(20)} + 3m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{121}^{(10)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{031}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{310}^{(21)} - m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{220}^{(20)} - m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{211}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{121}^{(00)} + m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(21)}m_{310}^{(11)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(21)}m_{220}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(21)}m_{130}^{(00)} + m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{301}^{(21)} - m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{211}^{(20)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{202}^{(10)} + m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{112}^{(00)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{310}^{(21)}\\
&+2m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{220}^{(20)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{211}^{(10)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{121}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{400}^{(21)} - m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{310}^{(20)} - m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{301}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{211}^{(00)} + m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{310}^{(21)} + m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{301}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{220}^{(20)} - 3m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{211}^{(10)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{121}^{(00)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{400}^{(21)} + m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{310}^{(20)} + m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{301}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{211}^{(00)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(20)}m_{310}^{(11)} + 4m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(20)}m_{220}^{(10)}
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&-2m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(20)}m_{130}^{(00)} + m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(21)}m_{400}^{(11)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(21)}m_{310}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(21)}m_{220}^{(00)} + m_{000}^{(20)}m_{001}^{(21)}m_{002}^{(10)}m_{310}^{(11)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{002}^{(10)}m_{220}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{002}^{(10)}m_{130}^{(00)} - m_{000}^{(20)}m_{001}^{(21)}m_{002}^{(11)}m_{400}^{(11)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{002}^{(11)}m_{310}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{002}^{(11)}m_{220}^{(00)} - m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{211}^{(11)} + 2m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{121}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{031}^{(00)} + m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(21)}m_{220}^{(11)} - 2m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(21)}m_{130}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(21)}m_{040}^{(00)} + m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{211}^{(11)} - 2m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{121}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{031}^{(00)} + m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{301}^{(11)} - 2m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{211}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{121}^{(00)} - 2m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(20)}m_{220}^{(11)} + 4m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(20)}m_{130}^{(10)}\\
&-2m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(20)}m_{040}^{(00)} + m_{000}^{(20)}m_{001}^{(22)}m_{101}^{(10)}m_{220}^{(11)} - 2m_{000}^{(20)}m_{001}^{(22)}m_{101}^{(10)}m_{130}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(22)}m_{101}^{(10)}m_{040}^{(00)} - m_{000}^{(20)}m_{001}^{(22)}m_{101}^{(11)}m_{310}^{(11)} + 2m_{000}^{(20)}m_{001}^{(22)}m_{101}^{(11)}m_{220}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(22)}m_{101}^{(11)}m_{130}^{(00)} - m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{301}^{(11)} + 2m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{211}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{121}^{(00)} + 2m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(20)}m_{310}^{(11)} - 4m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(20)}m_{220}^{(10)}\\
&+2m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(20)}m_{130}^{(00)} - m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(21)}m_{400}^{(11)} + 2m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(21)}m_{310}^{(10)}\\
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&-2m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(21)}m_{103}^{(11)} - m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(10)}m_{031}^{(22)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(10)}m_{022}^{(21)}\\
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&+2m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(21)}m_{112}^{(11)} - m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(00)}m_{022}^{(22)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(00)}m_{013}^{(21)}\\
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&+m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(20)}m_{103}^{(11)} + m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(10)}m_{121}^{(22)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(10)}m_{112}^{(21)}\\
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&+m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(00)}m_{022}^{(11)} - m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(10)}m_{130}^{(22)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(10)}m_{121}^{(21)}\\
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&-m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(10)}m_{004}^{(11)} - m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(20)}m_{031}^{(22)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(20)}m_{022}^{(21)}\\
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&+2m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(21)}m_{103}^{(11)} + m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(00)}m_{022}^{(22)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(00)}m_{013}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(00)}m_{004}^{(11)} - m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(10)}m_{112}^{(22)} + m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(10)}m_{103}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(10)}m_{013}^{(20)} - m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(10)}m_{004}^{(10)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(20)}m_{121}^{(22)}\\
&+3m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(20)}m_{112}^{(21)} - m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(20)}m_{103}^{(11)} + m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(20)}m_{022}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(20)}m_{013}^{(10)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(21)}m_{211}^{(22)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(21)}m_{202}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(21)}m_{112}^{(20)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(21)}m_{103}^{(10)} + m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(00)}m_{031}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(00)}m_{022}^{(21)} + m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(00)}m_{013}^{(11)} + m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(10)}m_{121}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(10)}m_{112}^{(21)} - m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(10)}m_{022}^{(20)} + m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(10)}m_{013}^{(10)}
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\begin{aligned}
&+2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(20)}m_{130}^{(22)} - 3m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(20)}m_{121}^{(21)} + m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(20)}m_{112}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(20)}m_{031}^{(20)} + m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(20)}m_{022}^{(10)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(21)}m_{220}^{(22)}\\
&+6m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(21)}m_{211}^{(21)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(21)}m_{202}^{(11)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(21)}m_{121}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(21)}m_{112}^{(10)} + m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(00)}m_{112}^{(22)} - m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(00)}m_{103}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(00)}m_{013}^{(20)} + m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(00)}m_{004}^{(10)} - m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(20)}m_{211}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(20)}m_{202}^{(21)} + m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(20)}m_{112}^{(20)} - m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(20)}m_{103}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(00)}m_{121}^{(22)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(00)}m_{112}^{(21)} - m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(00)}m_{103}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(10)}m_{211}^{(22)} + m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(10)}m_{202}^{(21)} + m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(10)}m_{112}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(10)}m_{103}^{(10)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(20)}m_{220}^{(22)} - 3m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(20)}m_{211}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(20)}m_{202}^{(11)} - m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(20)}m_{121}^{(20)} + m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(20)}m_{112}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(00)}m_{130}^{(22)} + 3m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(00)}m_{121}^{(21)} - m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(00)}m_{112}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(00)}m_{031}^{(20)} - m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(00)}m_{022}^{(10)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(10)}m_{220}^{(22)}\\
&-3m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(10)}m_{211}^{(21)} + m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(10)}m_{202}^{(11)} - m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(10)}m_{121}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(10)}m_{112}^{(10)} + m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(10)}m_{112}^{(22)} - m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(10)}m_{103}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(10)}m_{013}^{(20)} + m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(10)}m_{004}^{(10)} + m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(20)}m_{121}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(20)}m_{112}^{(21)} - m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(20)}m_{022}^{(20)} + m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(20)}m_{013}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(21)}m_{211}^{(22)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(21)}m_{202}^{(21)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(21)}m_{112}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(21)}m_{103}^{(10)} - m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(00)}m_{112}^{(22)} + m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(00)}m_{103}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(00)}m_{013}^{(20)} - m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(00)}m_{004}^{(10)} + m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(20)}m_{211}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(20)}m_{202}^{(21)} - m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(20)}m_{112}^{(20)} + m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(20)}m_{103}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(00)}m_{121}^{(22)} + m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(00)}m_{112}^{(21)} + m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(00)}m_{022}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(00)}m_{013}^{(10)} - m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(20)}m_{220}^{(22)} + m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(20)}m_{211}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(20)}m_{121}^{(20)} - m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(20)}m_{112}^{(10)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(21)}m_{310}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(21)}m_{301}^{(21)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(21)}m_{211}^{(20)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(21)}m_{202}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(00)}m_{211}^{(22)} - m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(00)}m_{202}^{(21)} - m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(00)}m_{112}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(00)}m_{103}^{(10)} - m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(20)}m_{310}^{(22)} + m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(20)}m_{301}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(20)}m_{211}^{(20)} - m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(20)}m_{202}^{(10)} + m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(00)}m_{220}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(00)}m_{211}^{(21)} - m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(00)}m_{121}^{(20)} + m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(00)}m_{112}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(10)}m_{310}^{(22)} + m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(10)}m_{301}^{(21)} + m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(10)}m_{211}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(10)}m_{202}^{(10)} + m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(10)}m_{031}^{(22)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(10)}m_{022}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(10)}m_{013}^{(11)} + m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(20)}m_{040}^{(22)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(20)}m_{031}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(20)}m_{022}^{(11)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(21)}m_{130}^{(22)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(21)}m_{121}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(21)}m_{112}^{(11)} - m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(00)}m_{031}^{(22)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(00)}m_{022}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(00)}m_{013}^{(11)} - m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(10)}m_{121}^{(22)} + 3m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(10)}m_{112}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(10)}m_{103}^{(11)} - m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(10)}m_{022}^{(20)} + m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(10)}m_{013}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(20)}m_{121}^{(21)} - m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(20)}m_{112}^{(11)} - m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(20)}m_{031}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(20)}m_{022}^{(10)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(21)}m_{220}^{(22)} - 6m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(21)}m_{211}^{(21)}\\
&+4m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(21)}m_{202}^{(11)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(21)}m_{121}^{(20)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(21)}m_{112}^{(10)}
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&-m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(00)}m_{040}^{(22)}+2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(00)}m_{031}^{(21)}-m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(00)}m_{022}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(10)}m_{130}^{(22)}-3m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(10)}m_{121}^{(21)}+2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(10)}m_{112}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(10)}m_{031}^{(20)}-m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(10)}m_{022}^{(10)}-m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(20)}m_{130}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(20)}m_{121}^{(11)}+m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(20)}m_{040}^{(20)}-m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(20)}m_{031}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(21)}m_{220}^{(21)}-2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(21)}m_{211}^{(11)}-2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(21)}m_{130}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(21)}m_{121}^{(10)}+m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(00)}m_{121}^{(22)}-3m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(00)}m_{112}^{(21)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(00)}m_{103}^{(11)}+m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(00)}m_{022}^{(20)}-m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(00)}m_{013}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(20)}m_{220}^{(22)}+3m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(20)}m_{211}^{(21)}-2m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(20)}m_{202}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(20)}m_{121}^{(20)}+m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(20)}m_{112}^{(10)}+m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(00)}m_{130}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(00)}m_{121}^{(21)}+m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(00)}m_{112}^{(11)}-m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(10)}m_{220}^{(22)}\\
&+3m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(10)}m_{211}^{(21)}-2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(10)}m_{202}^{(11)}-m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(10)}m_{121}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(10)}m_{112}^{(10)}-m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(20)}m_{220}^{(21)}+m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(20)}m_{211}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(20)}m_{130}^{(20)}-m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(20)}m_{121}^{(10)}+m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(00)}m_{130}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(00)}m_{121}^{(11)}-m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(00)}m_{040}^{(20)}+m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(00)}m_{031}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(10)}m_{220}^{(21)}+m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(10)}m_{211}^{(11)}+m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(10)}m_{130}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(10)}m_{121}^{(10)}-m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(10)}m_{121}^{(22)}+m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(10)}m_{103}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(10)}m_{022}^{(20)}-2m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(10)}m_{013}^{(10)}-m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(20)}m_{130}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(20)}m_{112}^{(11)}+2m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(20)}m_{031}^{(20)}-2m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(20)}m_{022}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(21)}m_{220}^{(22)}-2m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(21)}m_{202}^{(11)}-4m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(21)}m_{121}^{(20)}\\
&+4m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(21)}m_{112}^{(10)}+m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(00)}m_{121}^{(22)}-m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(00)}m_{103}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(00)}m_{022}^{(20)}+2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(00)}m_{013}^{(10)}+m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(10)}m_{211}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(10)}m_{202}^{(21)}-m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(10)}m_{112}^{(20)}+m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(10)}m_{103}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(20)}m_{211}^{(21)}+m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(20)}m_{202}^{(11)}+m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(20)}m_{121}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(20)}m_{112}^{(10)}-2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(21)}m_{310}^{(22)}+2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(21)}m_{301}^{(21)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(21)}m_{211}^{(20)}-2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(21)}m_{202}^{(10)}+m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(00)}m_{130}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(00)}m_{112}^{(11)}-2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(00)}m_{031}^{(20)}+2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(00)}m_{022}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(10)}m_{220}^{(22)}+m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(10)}m_{211}^{(21)}+m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(10)}m_{121}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(10)}m_{112}^{(10)}+m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(20)}m_{220}^{(21)}-m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(20)}m_{211}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(20)}m_{130}^{(20)}+m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(20)}m_{121}^{(10)}-2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(21)}m_{310}^{(21)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(21)}m_{301}^{(11)}+2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(21)}m_{220}^{(20)}-2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(21)}m_{211}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(00)}m_{211}^{(22)}+m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(00)}m_{202}^{(21)}+m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(00)}m_{112}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(00)}m_{103}^{(10)}+m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(20)}m_{310}^{(22)}-m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(20)}m_{301}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(20)}m_{211}^{(20)}+m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(20)}m_{202}^{(10)}-m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(00)}m_{220}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(00)}m_{202}^{(11)}+2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(00)}m_{121}^{(20)}-2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(00)}m_{112}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(10)}m_{310}^{(22)}-m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(10)}m_{301}^{(21)}-m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(10)}m_{211}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(10)}m_{202}^{(10)}+m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(20)}m_{310}^{(21)}-m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(20)}m_{301}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(20)}m_{220}^{(20)}+m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(20)}m_{211}^{(10)}-m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(00)}m_{220}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(00)}m_{211}^{(11)}+m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(00)}m_{130}^{(20)}-m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(00)}m_{121}^{(10)}
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$$+m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(10)}m_{310}^{(21)} - m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(10)}m_{301}^{(11)} - m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(10)}m_{220}^{(20)}$$
$$+m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(10)}m_{211}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(10)}m_{121}^{(21)} - m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(10)}m_{112}^{(11)}$$
$$-m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(10)}m_{031}^{(20)} + m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(10)}m_{022}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(20)}m_{130}^{(21)}$$
$$-m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(20)}m_{121}^{(11)} - m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(20)}m_{040}^{(20)} + m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(20)}m_{031}^{(10)}$$
$$-2m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(21)}m_{220}^{(21)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(21)}m_{211}^{(11)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(21)}m_{130}^{(20)}$$
$$-2m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(21)}m_{121}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(00)}m_{121}^{(21)} + m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(00)}m_{112}^{(11)}$$
$$+m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(00)}m_{031}^{(20)} - m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(00)}m_{022}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{211}^{(21)}$$
$$+m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{202}^{(11)} + m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{121}^{(20)} - m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{112}^{(10)}$$
$$+2m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(21)}m_{310}^{(21)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(21)}m_{301}^{(11)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(21)}m_{220}^{(20)}$$
$$+2m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(21)}m_{211}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(00)}m_{130}^{(21)} + m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(00)}m_{121}^{(11)}$$
$$+m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(00)}m_{040}^{(20)} - m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(00)}m_{031}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(10)}m_{220}^{(21)}$$
$$-m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(10)}m_{211}^{(11)} - m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(10)}m_{130}^{(20)} + m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(10)}m_{121}^{(10)}$$
$$+m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(00)}m_{211}^{(21)} - m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(00)}m_{202}^{(11)} - m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(00)}m_{121}^{(20)}$$
$$+m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(00)}m_{112}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(20)}m_{310}^{(21)} + m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(20)}m_{301}^{(11)}$$
$$+m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(20)}m_{220}^{(20)} - m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(20)}m_{211}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(00)}m_{220}^{(21)}$$
$$-m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(00)}m_{211}^{(11)} - m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(00)}m_{130}^{(20)} + m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(00)}m_{121}^{(10)}$$
$$-m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(10)}m_{310}^{(21)} + m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(10)}m_{301}^{(11)} + m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(10)}m_{220}^{(20)}$$
$$-m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(10)}m_{211}^{(10)} - m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(10)}m_{112}^{(22)} + m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(10)}m_{103}^{(21)}$$
$$+m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(10)}m_{013}^{(20)} - m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(10)}m_{004}^{(10)} - m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(20)}m_{121}^{(22)}$$
$$+m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(20)}m_{112}^{(21)} + m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(20)}m_{022}^{(20)} - m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(20)}m_{013}^{(10)}$$
$$+2m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(21)}m_{211}^{(22)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(21)}m_{202}^{(21)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(21)}m_{112}^{(20)}$$
$$+2m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(21)}m_{103}^{(10)} + m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(10)}m_{121}^{(22)} - m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(10)}m_{112}^{(21)}$$
$$-m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(10)}m_{022}^{(20)} + m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(10)}m_{013}^{(10)} + m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(20)}m_{130}^{(22)}$$
$$-m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(20)}m_{121}^{(21)} - m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(20)}m_{031}^{(20)} + m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(20)}m_{022}^{(10)}$$
$$-2m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(21)}m_{220}^{(22)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(21)}m_{211}^{(21)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(21)}m_{121}^{(20)}$$
$$-2m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(21)}m_{112}^{(10)} + m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(00)}m_{112}^{(22)} - m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(00)}m_{103}^{(21)}$$
$$-m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(00)}m_{013}^{(20)} + m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(00)}m_{004}^{(10)} - m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(20)}m_{211}^{(22)}$$
$$+m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(20)}m_{202}^{(21)} + m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(20)}m_{112}^{(20)} - m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(20)}m_{103}^{(10)}$$
$$-m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(10)}m_{211}^{(22)} + m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(10)}m_{202}^{(21)} + m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(10)}m_{112}^{(20)}$$
$$-m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(10)}m_{103}^{(10)} + m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(20)}m_{220}^{(22)} - m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(20)}m_{211}^{(21)}$$
$$-m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(20)}m_{121}^{(20)} + m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(20)}m_{112}^{(10)} - m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(00)}m_{130}^{(22)}$$
$$+m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(00)}m_{121}^{(21)} + m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(00)}m_{031}^{(20)} - m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(00)}m_{022}^{(10)}$$
$$+m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(10)}m_{220}^{(22)} - m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(10)}m_{211}^{(21)} - m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(10)}m_{121}^{(20)}$$
$$+m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(10)}m_{112}^{(10)} + m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(10)}m_{112}^{(22)} - m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(10)}m_{103}^{(21)}$$
$$-m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(10)}m_{013}^{(20)} + m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(10)}m_{004}^{(10)} + m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(20)}m_{121}^{(22)}$$
$$-m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(20)}m_{112}^{(21)} - m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(20)}m_{022}^{(20)} + m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(20)}m_{013}^{(10)}$$
$$-2m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(21)}m_{211}^{(22)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(21)}m_{202}^{(21)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(21)}m_{112}^{(20)}$$
$$-2m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(21)}m_{103}^{(10)} - m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(00)}m_{112}^{(22)} + m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(00)}m_{103}^{(21)}$$

$$+m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(00)}m_{013}^{(20)} - m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(00)}m_{004}^{(10)} + m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(10)}m_{202}^{(22)}$$
$$-2m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(10)}m_{103}^{(20)} + m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(10)}m_{004}^{(00)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{211}^{(22)}$$
$$-m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{202}^{(21)} - 3m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{112}^{(20)} + m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{103}^{(10)}$$
$$+m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{013}^{(00)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(21)}m_{301}^{(22)} + 4m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(21)}m_{202}^{(20)}$$
$$-2m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(21)}m_{103}^{(00)} - m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(00)}m_{121}^{(22)} + m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(00)}m_{112}^{(21)}$$
$$+m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(00)}m_{022}^{(20)} - m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(00)}m_{013}^{(10)} - m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(10)}m_{211}^{(22)}$$
$$+2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(10)}m_{112}^{(20)} - m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(10)}m_{013}^{(00)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{220}^{(22)}$$
$$+m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{211}^{(21)} + 3m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{121}^{(20)} - m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{112}^{(10)}$$
$$-m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{022}^{(00)} + 4m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{310}^{(22)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{301}^{(21)}$$
$$-6m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{211}^{(20)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{202}^{(10)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{112}^{(00)}$$
$$-m_{000}^{(21)}m_{010}^{(10)}m_{020}^{(00)}m_{202}^{(22)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{020}^{(00)}m_{103}^{(20)} - m_{000}^{(21)}m_{010}^{(10)}m_{020}^{(00)}m_{004}^{(00)}$$
$$+m_{000}^{(21)}m_{010}^{(10)}m_{020}^{(20)}m_{301}^{(22)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{020}^{(20)}m_{202}^{(20)} + m_{000}^{(21)}m_{010}^{(10)}m_{020}^{(20)}m_{103}^{(00)}$$
$$+m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(00)}m_{211}^{(22)} - m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(00)}m_{202}^{(21)} - m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(00)}m_{112}^{(20)}$$
$$+m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(00)}m_{103}^{(10)} + m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(10)}m_{301}^{(22)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(10)}m_{202}^{(20)}$$
$$+m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(10)}m_{103}^{(00)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{310}^{(22)} + m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{301}^{(21)}$$
$$+3m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{211}^{(20)} - m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{202}^{(10)} - m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{112}^{(00)}$$
$$+2m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(00)}m_{220}^{(22)} - m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(00)}m_{211}^{(21)} - 3m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(00)}m_{121}^{(20)}$$
$$+m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(00)}m_{112}^{(10)} + m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(00)}m_{022}^{(00)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{310}^{(22)}$$
$$+m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{301}^{(21)} + 3m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{211}^{(20)} - m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{202}^{(10)}$$
$$-m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{112}^{(00)} - m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(10)}m_{202}^{(22)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(10)}m_{103}^{(20)}$$
$$-m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(10)}m_{004}^{(00)} - m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(20)}m_{211}^{(22)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(20)}m_{112}^{(20)}$$
$$-m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(20)}m_{013}^{(00)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(21)}m_{301}^{(22)} - 4m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(21)}m_{202}^{(20)}$$
$$+2m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(21)}m_{103}^{(00)} + m_{000}^{(21)}m_{010}^{(11)}m_{110}^{(00)}m_{202}^{(22)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{110}^{(00)}m_{103}^{(20)}$$
$$+m_{000}^{(21)}m_{010}^{(11)}m_{110}^{(00)}m_{004}^{(00)} - m_{000}^{(21)}m_{010}^{(11)}m_{110}^{(20)}m_{301}^{(22)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{110}^{(20)}m_{202}^{(20)}$$
$$-m_{000}^{(21)}m_{010}^{(11)}m_{110}^{(20)}m_{103}^{(00)} + m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(00)}m_{211}^{(22)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(00)}m_{112}^{(20)}$$
$$+m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(00)}m_{013}^{(00)} + m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{310}^{(22)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{211}^{(20)}$$
$$+m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{112}^{(00)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(21)}m_{400}^{(22)} + 4m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(21)}m_{301}^{(20)}$$
$$-2m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(21)}m_{202}^{(00)} - m_{000}^{(21)}m_{010}^{(11)}m_{011}^{(00)}m_{301}^{(22)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{011}^{(00)}m_{202}^{(20)}$$
$$-m_{000}^{(21)}m_{010}^{(11)}m_{011}^{(00)}m_{103}^{(00)} + m_{000}^{(21)}m_{010}^{(11)}m_{011}^{(20)}m_{400}^{(22)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{011}^{(20)}m_{301}^{(20)}$$
$$+m_{000}^{(21)}m_{010}^{(11)}m_{011}^{(20)}m_{202}^{(00)} - m_{000}^{(21)}m_{010}^{(11)}m_{002}^{(00)}m_{310}^{(22)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{002}^{(00)}m_{211}^{(20)}$$
$$-m_{000}^{(21)}m_{010}^{(11)}m_{002}^{(00)}m_{112}^{(00)} + m_{000}^{(21)}m_{010}^{(11)}m_{002}^{(10)}m_{400}^{(22)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{002}^{(10)}m_{301}^{(20)}$$
$$+m_{000}^{(21)}m_{010}^{(11)}m_{002}^{(10)}m_{202}^{(00)} - m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(10)}m_{121}^{(22)} + m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(10)}m_{112}^{(21)}$$
$$+m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(10)}m_{022}^{(20)} - m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(10)}m_{013}^{(10)} - m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(20)}m_{130}^{(22)}$$
$$+m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(20)}m_{121}^{(21)} + m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(20)}m_{031}^{(20)} - m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(20)}m_{022}^{(10)}$$
$$+2m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{220}^{(22)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{211}^{(21)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{121}^{(20)}$$
$$+2m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{112}^{(10)} + m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(00)}m_{121}^{(22)} - m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(00)}m_{112}^{(21)}$$
$$-m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(00)}m_{022}^{(20)} + m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(00)}m_{013}^{(10)} + m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(10)}m_{211}^{(22)}$$
$$-2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(10)}m_{202}^{(21)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(10)}m_{103}^{(10)} - m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(10)}m_{013}^{(00)}$$

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\begin{aligned}
&-m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{211}^{(21)}+m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{121}^{(20)}+m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{112}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{022}^{(00)}-2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{310}^{(22)}+4m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{301}^{(21)}\\
&-4m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{202}^{(10)}+2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{112}^{(00)}+m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(00)}m_{130}^{(22)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(00)}m_{121}^{(21)}-m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(00)}m_{031}^{(20)}+m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(00)}m_{022}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{220}^{(22)}+2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{211}^{(21)}-2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{112}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{022}^{(00)}+m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{220}^{(21)}-m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{130}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{121}^{(10)}+m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{031}^{(00)}-2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{310}^{(21)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{220}^{(20)}+2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{211}^{(10)}-2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{121}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(00)}m_{211}^{(22)}+2m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(00)}m_{202}^{(21)}-2m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(00)}m_{103}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(00)}m_{013}^{(00)}+m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(20)}m_{310}^{(22)}-2m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(20)}m_{301}^{(21)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(20)}m_{202}^{(10)}-m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(20)}m_{112}^{(00)}-m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{220}^{(22)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{211}^{(21)}+m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{121}^{(20)}-m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{112}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{310}^{(22)}-2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{301}^{(21)}+2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{202}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{112}^{(00)}+m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{310}^{(21)}-m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{220}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{211}^{(10)}+m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{121}^{(00)}-m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(00)}m_{220}^{(21)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(00)}m_{130}^{(20)}+m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(00)}m_{121}^{(10)}-m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(00)}m_{031}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(10)}m_{310}^{(21)}-m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(10)}m_{220}^{(20)}-m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(10)}m_{211}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(10)}m_{121}^{(00)}+m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(10)}m_{211}^{(22)}+m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(10)}m_{202}^{(21)}\\
&-3m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(10)}m_{112}^{(20)}-m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(10)}m_{103}^{(10)}+2m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(10)}m_{013}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{220}^{(22)}+m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{211}^{(21)}-3m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{121}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{112}^{(10)}+2m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{022}^{(00)}-2m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(21)}m_{310}^{(22)}\\
&-2m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(21)}m_{301}^{(21)}+6m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(21)}m_{211}^{(20)}+2m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(21)}m_{202}^{(10)}\\
&-4m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(21)}m_{112}^{(00)}-m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(00)}m_{211}^{(22)}-m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(00)}m_{202}^{(21)}\\
&+3m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(00)}m_{112}^{(20)}+m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(00)}m_{103}^{(10)}-2m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(00)}m_{013}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(10)}m_{301}^{(22)}+2m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(10)}m_{202}^{(20)}-m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(10)}m_{103}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(20)}m_{301}^{(21)}-m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(20)}m_{211}^{(20)}-m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(20)}m_{202}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(20)}m_{112}^{(00)}+2m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(21)}m_{400}^{(22)}-4m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(21)}m_{301}^{(20)}\\
&+2m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(21)}m_{202}^{(00)}-m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{220}^{(22)}-m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{211}^{(21)}\\
&+3m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{121}^{(20)}+m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{112}^{(10)}-2m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{022}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{310}^{(22)}-2m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{211}^{(20)}+m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{112}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{310}^{(21)}+m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{220}^{(20)}+m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{211}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{121}^{(00)}+2m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(21)}m_{400}^{(21)}-2m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(21)}m_{310}^{(20)}\\
&-2m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(21)}m_{301}^{(10)}+2m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(21)}m_{211}^{(00)}+m_{000}^{(21)}m_{010}^{(21)}m_{020}^{(00)}m_{301}^{(22)}\\
&-2m_{000}^{(21)}m_{010}^{(21)}m_{020}^{(00)}m_{202}^{(20)}+m_{000}^{(21)}m_{010}^{(21)}m_{020}^{(00)}m_{103}^{(00)}-m_{000}^{(21)}m_{010}^{(21)}m_{020}^{(20)}m_{400}^{(22)}\\
&+2m_{000}^{(21)}m_{010}^{(21)}m_{020}^{(20)}m_{301}^{(20)}-m_{000}^{(21)}m_{010}^{(21)}m_{020}^{(20)}m_{202}^{(00)}+m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(00)}m_{310}^{(22)}\\
&+m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(00)}m_{301}^{(21)}-3m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(00)}m_{211}^{(20)}-m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(00)}m_{202}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(00)}m_{112}^{(00)}-m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(10)}m_{400}^{(22)}+2m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(10)}m_{301}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(10)}m_{202}^{(00)}-m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(20)}m_{400}^{(21)}+m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(20)}m_{310}^{(20)}
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&+m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(20)}m_{301}^{(10)} - m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(20)}m_{211}^{(00)} + m_{000}^{(21)}m_{010}^{(21)}m_{002}^{(00)}m_{310}^{(21)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{002}^{(00)}m_{220}^{(20)} - m_{000}^{(21)}m_{010}^{(21)}m_{002}^{(00)}m_{211}^{(10)} + m_{000}^{(21)}m_{010}^{(21)}m_{002}^{(00)}m_{121}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{002}^{(10)}m_{400}^{(21)} + m_{000}^{(21)}m_{010}^{(21)}m_{002}^{(10)}m_{310}^{(20)} + m_{000}^{(21)}m_{010}^{(21)}m_{002}^{(10)}m_{301}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{002}^{(10)}m_{211}^{(00)} - m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{211}^{(21)} + m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{121}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{112}^{(10)} - m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{022}^{(00)} - m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{220}^{(21)}\\
&+m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{130}^{(20)} + m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{121}^{(10)} - m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{031}^{(00)}\\
&+2m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{310}^{(21)} - 2m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{220}^{(20)} - 2m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{211}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{121}^{(00)} + m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(00)}m_{211}^{(21)} - m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(00)}m_{121}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(00)}m_{112}^{(10)} + m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(00)}m_{022}^{(00)} + m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{301}^{(21)}\\
&-m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{211}^{(20)} - m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{202}^{(10)} + m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{112}^{(00)}\\
&-2m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(21)}m_{400}^{(21)} + 2m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(21)}m_{310}^{(20)} + 2m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(21)}m_{301}^{(10)}\\
&-2m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(21)}m_{211}^{(00)} + m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(00)}m_{220}^{(21)} - m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(00)}m_{130}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(00)}m_{121}^{(10)} + m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(00)}m_{031}^{(00)} - m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{310}^{(21)}\\
&+m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{220}^{(20)} + m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{211}^{(10)} - m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{121}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(22)}m_{020}^{(00)}m_{301}^{(21)} + m_{000}^{(21)}m_{010}^{(22)}m_{020}^{(00)}m_{211}^{(20)} + m_{000}^{(21)}m_{010}^{(22)}m_{020}^{(00)}m_{202}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(22)}m_{020}^{(00)}m_{112}^{(00)} + m_{000}^{(21)}m_{010}^{(22)}m_{020}^{(20)}m_{400}^{(21)} - m_{000}^{(21)}m_{010}^{(22)}m_{020}^{(20)}m_{310}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(22)}m_{020}^{(20)}m_{301}^{(10)} + m_{000}^{(21)}m_{010}^{(22)}m_{020}^{(20)}m_{211}^{(00)} - m_{000}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{310}^{(21)}\\
&+m_{000}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{220}^{(20)} + m_{000}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{211}^{(10)} - m_{000}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{121}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(22)}m_{011}^{(10)}m_{400}^{(21)} - m_{000}^{(21)}m_{010}^{(22)}m_{011}^{(10)}m_{310}^{(20)} - m_{000}^{(21)}m_{010}^{(22)}m_{011}^{(10)}m_{301}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(22)}m_{011}^{(10)}m_{211}^{(00)} + m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(10)}m_{112}^{(21)} - m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(10)}m_{103}^{(11)}\\
&-m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(10)}m_{022}^{(20)} + m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(10)}m_{013}^{(10)} + m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{121}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{112}^{(11)} - m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{031}^{(20)} + m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{022}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{211}^{(21)} + 2m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{202}^{(11)} + 2m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{121}^{(20)}\\
&-2m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{112}^{(10)} - m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(10)}m_{121}^{(21)} + m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(10)}m_{112}^{(11)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(10)}m_{031}^{(20)} - m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(10)}m_{022}^{(10)} - m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(20)}m_{130}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(20)}m_{121}^{(11)} + m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(20)}m_{040}^{(20)} - m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(20)}m_{031}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{220}^{(21)} - 2m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{211}^{(11)} - 2m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{130}^{(20)}\\
&+2m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{121}^{(10)} - m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(00)}m_{112}^{(21)} + m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(00)}m_{103}^{(11)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(00)}m_{022}^{(20)} - m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(00)}m_{013}^{(10)} + m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(20)}m_{211}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(20)}m_{202}^{(11)} - m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(20)}m_{121}^{(20)} + m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(20)}m_{112}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{211}^{(21)} - m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{202}^{(11)} - m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{121}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{112}^{(10)} - m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{220}^{(21)} + m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{211}^{(11)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{130}^{(20)} - m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{121}^{(10)} + m_{000}^{(21)}m_{001}^{(00)}m_{002}^{(00)}m_{130}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(00)}m_{002}^{(00)}m_{121}^{(11)} - m_{000}^{(21)}m_{001}^{(00)}m_{002}^{(00)}m_{040}^{(20)} + m_{000}^{(21)}m_{001}^{(00)}m_{002}^{(00)}m_{031}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(00)}m_{002}^{(10)}m_{220}^{(21)} + m_{000}^{(21)}m_{001}^{(00)}m_{002}^{(10)}m_{211}^{(11)} + m_{000}^{(21)}m_{001}^{(00)}m_{002}^{(10)}m_{130}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(00)}m_{002}^{(10)}m_{121}^{(10)} - m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{112}^{(21)} + m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(10)}m_{103}^{(11)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(10)}m_{022}^{(20)} - m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(10)}m_{013}^{(10)} - m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{121}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{112}^{(11)} + m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{031}^{(20)} - m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{022}^{(10)}
\end{aligned}
$$

$$+2m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{211}^{(21)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{202}^{(11)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{121}^{(20)}$$
$$+2m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{112}^{(10)} + m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(00)}m_{112}^{(21)} - m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(00)}m_{103}^{(11)}$$
$$-m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(00)}m_{022}^{(20)} + m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(00)}m_{013}^{(10)} - m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{202}^{(21)}$$
$$+m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{112}^{(20)} + m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{103}^{(10)} - m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{013}^{(00)}$$
$$-2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{211}^{(21)} + m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{202}^{(11)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{121}^{(20)}$$
$$-m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{022}^{(00)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{301}^{(21)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{211}^{(20)}$$
$$-2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{202}^{(10)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{112}^{(00)} + m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{121}^{(21)}$$
$$-m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{112}^{(11)} - m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{031}^{(20)} + m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{022}^{(10)}$$
$$+m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{211}^{(21)} - m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{121}^{(20)} - m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{112}^{(10)}$$
$$+m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{022}^{(00)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{220}^{(21)} - m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{211}^{(11)}$$
$$-2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{130}^{(20)} + m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{031}^{(00)} - 4m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{310}^{(21)}$$
$$+2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{301}^{(11)} + 4m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{220}^{(20)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{121}^{(00)}$$
$$+m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(00)}m_{202}^{(21)} - m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(00)}m_{112}^{(20)} - m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(00)}m_{103}^{(10)}$$
$$+m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(00)}m_{013}^{(00)} - m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(20)}m_{301}^{(21)} + m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(20)}m_{211}^{(20)}$$
$$+m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(20)}m_{202}^{(10)} - m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(20)}m_{112}^{(00)} - m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{211}^{(21)}$$
$$+m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{202}^{(11)} + m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{121}^{(20)} - m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{112}^{(10)}$$
$$-m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{301}^{(21)} + m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{211}^{(20)} + m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{202}^{(10)}$$
$$-m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{112}^{(00)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{310}^{(21)} - m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{301}^{(11)}$$
$$-2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{220}^{(20)} + m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{121}^{(00)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(00)}m_{220}^{(21)}$$
$$+m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(00)}m_{211}^{(11)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(00)}m_{130}^{(20)} - m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(00)}m_{031}^{(00)}$$
$$+2m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{310}^{(21)} - m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{301}^{(11)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{220}^{(20)}$$
$$+m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{121}^{(00)} + m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{202}^{(21)} - m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{112}^{(20)}$$
$$-m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{103}^{(10)} + m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{013}^{(00)} + m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{211}^{(21)}$$
$$-m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{121}^{(20)} - m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{112}^{(10)} + m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{022}^{(00)}$$
$$-2m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{301}^{(21)} + 2m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{211}^{(20)} + 2m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{202}^{(10)}$$
$$-2m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{112}^{(00)} - m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(00)}m_{202}^{(21)} + m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(00)}m_{112}^{(20)}$$
$$+m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(00)}m_{103}^{(10)} - m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(00)}m_{013}^{(00)} + m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{301}^{(21)}$$
$$-m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{211}^{(20)} - m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{202}^{(10)} + m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{112}^{(00)}$$
$$-m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{211}^{(21)} + m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{121}^{(20)} + m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{112}^{(10)}$$
$$-m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{022}^{(00)} - m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{310}^{(21)} + m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{220}^{(20)}$$
$$+m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{211}^{(10)} - m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{121}^{(00)} + 2m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{400}^{(21)}$$
$$-2m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{310}^{(20)} - 2m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{301}^{(10)} + 2m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{211}^{(00)}$$
$$+m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(00)}m_{301}^{(21)} - m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(00)}m_{211}^{(20)} - m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(00)}m_{202}^{(10)}$$
$$+m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(00)}m_{112}^{(00)} - m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(20)}m_{400}^{(21)} + m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(20)}m_{310}^{(20)}$$
$$+m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(20)}m_{301}^{(10)} - m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(20)}m_{211}^{(00)} + m_{000}^{(21)}m_{001}^{(11)}m_{002}^{(00)}m_{310}^{(21)}$$
$$-m_{000}^{(21)}m_{001}^{(11)}m_{002}^{(00)}m_{220}^{(20)} - m_{000}^{(21)}m_{001}^{(11)}m_{002}^{(00)}m_{211}^{(10)} + m_{000}^{(21)}m_{001}^{(11)}m_{002}^{(00)}m_{121}^{(00)}$$
$$-m_{000}^{(21)}m_{001}^{(11)}m_{002}^{(10)}m_{400}^{(21)} + m_{000}^{(21)}m_{001}^{(11)}m_{002}^{(10)}m_{310}^{(20)} + m_{000}^{(21)}m_{001}^{(11)}m_{002}^{(10)}m_{301}^{(10)}$$
$$-m_{000}^{(21)}m_{001}^{(11)}m_{002}^{(10)}m_{211}^{(00)} + m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{121}^{(21)} - m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{112}^{(11)}$$

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\begin{aligned}
&-m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{031}^{(20)}+m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{022}^{(10)}+m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{130}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{121}^{(11)}-m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{040}^{(20)}+m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{031}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{220}^{(21)}+2m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{211}^{(11)}+2m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{130}^{(20)}\\
&-2m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{121}^{(10)}-m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{121}^{(21)}+m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{112}^{(11)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{031}^{(20)}-m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{022}^{(10)}-m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{211}^{(21)}\\
&+2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{202}^{(11)}+m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{121}^{(20)}-3m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{112}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{022}^{(00)}+m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{211}^{(11)}-2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{121}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{031}^{(00)}+2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{310}^{(21)}-4m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{301}^{(11)}\\
&-2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{220}^{(20)}+6m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{211}^{(10)}-2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{121}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(00)}m_{130}^{(21)}+m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(00)}m_{121}^{(11)}+m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(00)}m_{040}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(00)}m_{031}^{(10)}+m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{220}^{(21)}-2m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{211}^{(11)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{130}^{(20)}+3m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{121}^{(10)}-m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{031}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(20)}m_{220}^{(11)}+2m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(20)}m_{130}^{(10)}-m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(20)}m_{040}^{(00)}\\
&+2m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(21)}m_{310}^{(11)}-4m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(21)}m_{220}^{(10)}+2m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(21)}m_{130}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{211}^{(21)}-2m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{202}^{(11)}-m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{121}^{(20)}\\
&+3m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{112}^{(10)}-m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{022}^{(00)}-m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{310}^{(21)}\\
&+2m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{301}^{(11)}+m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{220}^{(20)}-3m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{211}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{121}^{(21)}+m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{220}^{(21)}-m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{211}^{(11)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{130}^{(20)}+m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{121}^{(10)}-m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{310}^{(21)}\\
&+2m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{301}^{(11)}+m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{220}^{(20)}-3m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{211}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{121}^{(00)}-m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(20)}m_{310}^{(11)}+2m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(20)}m_{220}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(20)}m_{130}^{(00)}+m_{000}^{(21)}m_{001}^{(20)}m_{002}^{(00)}m_{220}^{(11)}-2m_{000}^{(21)}m_{001}^{(20)}m_{002}^{(00)}m_{130}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{002}^{(00)}m_{040}^{(00)}-m_{000}^{(21)}m_{001}^{(20)}m_{002}^{(10)}m_{310}^{(11)}+2m_{000}^{(21)}m_{001}^{(20)}m_{002}^{(10)}m_{220}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{002}^{(10)}m_{130}^{(00)}-m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{211}^{(21)}-m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{202}^{(11)}\\
&+m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{121}^{(20)}+3m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{112}^{(10)}-2m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{022}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{220}^{(21)}-m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{211}^{(11)}+m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{130}^{(20)}\\
&+3m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{121}^{(10)}-2m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{031}^{(00)}+2m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{310}^{(21)}\\
&+2m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{301}^{(11)}-2m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{220}^{(20)}-6m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{211}^{(10)}\\
&+4m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{121}^{(00)}+m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{211}^{(21)}+m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{202}^{(11)}\\
&-m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{121}^{(20)}-3m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{112}^{(10)}+2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{022}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{301}^{(21)}-m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{211}^{(20)}-m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{202}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{112}^{(00)}-m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{301}^{(11)}+2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{211}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{121}^{(00)}-2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{400}^{(21)}+2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{310}^{(20)}\\
&+2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{301}^{(10)}-2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{211}^{(00)}+m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{220}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{211}^{(11)}-m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{130}^{(20)}-3m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{121}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{031}^{(00)}-m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{310}^{(21)}+m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{220}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{211}^{(10)}-m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{121}^{(00)}+m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(20)}m_{310}^{(11)}\\
&-2m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(20)}m_{220}^{(10)}+m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(20)}m_{130}^{(00)}-2m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(21)}m_{400}^{(11)}
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&+4m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(21)}m_{310}^{(10)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(21)}m_{220}^{(00)} - m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(00)}m_{301}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(00)}m_{211}^{(20)} + m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(00)}m_{202}^{(10)} - m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(00)}m_{112}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{400}^{(21)} - m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{310}^{(20)} - m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{301}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{211}^{(00)} - m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{310}^{(21)} - m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{301}^{(11)}\\
&+m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{220}^{(20)} + 3m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{211}^{(10)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{121}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{400}^{(21)} - m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{310}^{(20)} - m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{301}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{211}^{(00)} + m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(20)}m_{400}^{(11)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(20)}m_{310}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(20)}m_{220}^{(00)} - m_{000}^{(21)}m_{001}^{(21)}m_{002}^{(00)}m_{310}^{(11)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{002}^{(00)}m_{220}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(21)}m_{002}^{(00)}m_{130}^{(00)} + m_{000}^{(21)}m_{001}^{(21)}m_{002}^{(10)}m_{400}^{(11)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{002}^{(10)}m_{310}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(21)}m_{002}^{(10)}m_{220}^{(00)} + m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{211}^{(11)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{121}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{031}^{(00)} + m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(20)}m_{220}^{(11)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(20)}m_{130}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(20)}m_{040}^{(00)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(21)}m_{310}^{(11)} + 4m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(21)}m_{220}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(21)}m_{130}^{(00)} - m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{211}^{(11)} + 2m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{121}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{031}^{(00)} - m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{301}^{(11)} + 2m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{211}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{121}^{(00)} + 2m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(21)}m_{400}^{(11)} - 4m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(21)}m_{310}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(21)}m_{220}^{(00)} - m_{000}^{(21)}m_{001}^{(22)}m_{101}^{(00)}m_{220}^{(11)} + 2m_{000}^{(21)}m_{001}^{(22)}m_{101}^{(00)}m_{130}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(22)}m_{101}^{(00)}m_{040}^{(00)} + m_{000}^{(21)}m_{001}^{(22)}m_{101}^{(10)}m_{310}^{(11)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{101}^{(10)}m_{220}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(22)}m_{101}^{(10)}m_{130}^{(00)} + m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{301}^{(11)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{211}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{121}^{(00)} - m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(20)}m_{400}^{(11)} + 2m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(20)}m_{310}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(20)}m_{220}^{(00)} + m_{000}^{(21)}m_{001}^{(22)}m_{011}^{(00)}m_{310}^{(11)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{011}^{(00)}m_{220}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(22)}m_{011}^{(00)}m_{130}^{(00)} - m_{000}^{(21)}m_{001}^{(22)}m_{011}^{(10)}m_{400}^{(11)} + 2m_{000}^{(21)}m_{001}^{(22)}m_{011}^{(10)}m_{310}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(22)}m_{011}^{(10)}m_{220}^{(00)} - m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(10)}m_{031}^{(22)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(10)}m_{022}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(10)}m_{013}^{(11)} + m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(11)}m_{121}^{(22)} - 2m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(11)}m_{112}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(11)}m_{103}^{(11)} + m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(10)}m_{040}^{(22)} - 2m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(10)}m_{031}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(10)}m_{022}^{(11)} - m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(11)}m_{130}^{(22)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(11)}m_{121}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(11)}m_{112}^{(11)} + m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(00)}m_{031}^{(22)} - 2m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(00)}m_{022}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(00)}m_{013}^{(11)} - m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(10)}m_{121}^{(22)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(10)}m_{112}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(10)}m_{103}^{(11)} - m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(00)}m_{040}^{(22)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(00)}m_{031}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(00)}m_{022}^{(11)} + m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(10)}m_{130}^{(22)} - 2m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(10)}m_{121}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(10)}m_{112}^{(11)} + m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(10)}m_{200}^{(22)}m_{031}^{(22)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(10)}m_{200}^{(21)}m_{022}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(10)}m_{200}^{(11)}m_{013}^{(11)} - m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{200}^{(22)}m_{121}^{(22)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{200}^{(21)}m_{112}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{200}^{(11)}m_{103}^{(11)} - m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(00)}m_{110}^{(22)}m_{031}^{(22)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(00)}m_{110}^{(21)}m_{022}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(00)}m_{110}^{(11)}m_{013}^{(11)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(10)}m_{110}^{(10)}m_{121}^{(22)} - 3m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(10)}m_{110}^{(21)}m_{112}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(10)}m_{110}^{(11)}m_{103}^{(11)} - m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(10)}m_{110}^{(20)}m_{022}^{(22)} + m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(10)}m_{110}^{(10)}m_{013}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(22)}m_{211}^{(11)} + m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(21)}m_{202}^{(11)} + m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(20)}m_{112}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{110}^{(10)}m_{103}^{(11)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(10)}m_{101}^{(10)}m_{130}^{(22)} + 3m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(10)}m_{101}^{(10)}m_{121}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(10)}m_{101}^{(11)}m_{112}^{(11)} + m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(10)}m_{101}^{(20)}m_{031}^{(22)} - m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(10)}m_{101}^{(10)}m_{022}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(22)}m_{220}^{(22)} - 3m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(21)}m_{211}^{(21)} + m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{101}^{(11)}m_{202}^{(11)}
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&-m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(11)}m_{121}^{(20)} + m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(11)}m_{112}^{(10)} - m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(00)}m_{121}^{(22)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(00)}m_{112}^{(21)} + m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(00)}m_{022}^{(20)} - m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(00)}m_{013}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(10)}m_{211}^{(22)} - m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(10)}m_{202}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(10)}m_{112}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(10)}m_{103}^{(10)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(00)}m_{130}^{(22)} - 3m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(00)}m_{121}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(00)}m_{112}^{(11)} - m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(00)}m_{031}^{(20)} + m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(00)}m_{022}^{(10)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(10)}m_{220}^{(22)} + 3m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(10)}m_{211}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(10)}m_{202}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(10)}m_{121}^{(20)} - m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(10)}m_{112}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(10)}m_{121}^{(22)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(10)}m_{112}^{(21)} + m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(10)}m_{022}^{(20)} - m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(10)}m_{013}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(11)}m_{211}^{(22)} - m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(11)}m_{202}^{(21)} - m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(11)}m_{112}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(11)}m_{103}^{(10)} + m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(00)}m_{121}^{(22)} - m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(00)}m_{112}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(00)}m_{022}^{(20)} + m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(00)}m_{013}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(10)}m_{211}^{(22)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(10)}m_{202}^{(21)} + m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(10)}m_{112}^{(20)} - m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(10)}m_{103}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(10)}m_{220}^{(22)} - m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(10)}m_{211}^{(21)} - m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(10)}m_{121}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(10)}m_{112}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(11)}m_{310}^{(22)} + m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(11)}m_{301}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(11)}m_{211}^{(20)} - m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(11)}m_{202}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(00)}m_{220}^{(22)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(00)}m_{211}^{(21)} + m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(00)}m_{121}^{(20)} - m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(00)}m_{112}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(10)}m_{310}^{(22)} - m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(10)}m_{301}^{(21)} - m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(10)}m_{211}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(10)}m_{202}^{(10)} - m_{000}^{(22)}m_{100}^{(20)}m_{200}^{(10)}m_{040}^{(22)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{200}^{(10)}m_{031}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{200}^{(10)}m_{022}^{(11)} + m_{000}^{(22)}m_{100}^{(20)}m_{200}^{(11)}m_{130}^{(22)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{200}^{(11)}m_{121}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{200}^{(11)}m_{112}^{(11)} + m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(00)}m_{040}^{(22)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(00)}m_{031}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(00)}m_{022}^{(11)} - m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(10)}m_{121}^{(21)} + m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(10)}m_{112}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(10)}m_{031}^{(20)} - m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(10)}m_{022}^{(10)} - m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(11)}m_{220}^{(22)}\\
&+3m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(11)}m_{211}^{(21)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(11)}m_{202}^{(11)} - m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(11)}m_{121}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(11)}m_{112}^{(10)} + m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(10)}m_{130}^{(21)} - m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(10)}m_{121}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(10)}m_{040}^{(20)} + m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(10)}m_{031}^{(10)} - m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(11)}m_{220}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(11)}m_{211}^{(11)} + m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(11)}m_{130}^{(20)} - m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(11)}m_{121}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(00)}m_{130}^{(22)} + 3m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(00)}m_{121}^{(21)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(00)}m_{112}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(00)}m_{031}^{(20)} + m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(00)}m_{022}^{(10)} + m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(10)}m_{220}^{(22)}\\
&-3m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(10)}m_{211}^{(21)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(10)}m_{202}^{(11)} + m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(10)}m_{121}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(10)}m_{112}^{(10)} - m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(00)}m_{130}^{(21)} + m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(00)}m_{121}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(00)}m_{040}^{(20)} - m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(00)}m_{031}^{(10)} + m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(10)}m_{220}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(10)}m_{211}^{(11)} - m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(10)}m_{130}^{(20)} + m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(10)}m_{121}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(10)}m_{130}^{(22)} - m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(10)}m_{112}^{(11)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(10)}m_{031}^{(20)}\\
&+2m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(10)}m_{022}^{(10)} - m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(11)}m_{220}^{(22)} + m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(11)}m_{202}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(11)}m_{121}^{(20)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(11)}m_{112}^{(10)} - m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(00)}m_{130}^{(22)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(00)}m_{112}^{(11)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(00)}m_{031}^{(20)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(00)}m_{022}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(10)}m_{211}^{(21)} - m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(10)}m_{202}^{(11)} - m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(10)}m_{121}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(10)}m_{112}^{(10)} + m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(11)}m_{310}^{(22)} - m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(11)}m_{301}^{(21)}
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&-m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(11)}m_{211}^{(20)} + m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(11)}m_{202}^{(10)} - m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(10)}m_{220}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(10)}m_{211}^{(11)} + m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(10)}m_{130}^{(20)} - m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(10)}m_{121}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(11)}m_{310}^{(21)} - m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(11)}m_{301}^{(11)} - m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(11)}m_{220}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(11)}m_{211}^{(10)} + m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(00)}m_{220}^{(22)} - m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(00)}m_{211}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(00)}m_{121}^{(20)} + m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(00)}m_{112}^{(10)} - m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(10)}m_{310}^{(22)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(10)}m_{301}^{(21)} + m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(10)}m_{211}^{(20)} - m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(10)}m_{202}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(00)}m_{220}^{(21)} - m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(00)}m_{211}^{(11)} - m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(00)}m_{130}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(00)}m_{121}^{(10)} - m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(10)}m_{310}^{(21)} + m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(10)}m_{301}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(10)}m_{220}^{(20)} - m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(10)}m_{211}^{(10)} - m_{000}^{(22)}m_{100}^{(22)}m_{200}^{(10)}m_{130}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(22)}m_{200}^{(10)}m_{121}^{(11)} + m_{000}^{(22)}m_{100}^{(22)}m_{200}^{(10)}m_{040}^{(20)} - m_{000}^{(22)}m_{100}^{(22)}m_{200}^{(10)}m_{031}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(22)}m_{200}^{(11)}m_{220}^{(21)} - m_{000}^{(22)}m_{100}^{(22)}m_{200}^{(11)}m_{211}^{(11)} - m_{000}^{(22)}m_{100}^{(22)}m_{200}^{(11)}m_{130}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(22)}m_{200}^{(11)}m_{121}^{(10)} + m_{000}^{(22)}m_{100}^{(22)}m_{110}^{(00)}m_{130}^{(21)} - m_{000}^{(22)}m_{100}^{(22)}m_{110}^{(00)}m_{121}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(22)}m_{110}^{(00)}m_{040}^{(20)} + m_{000}^{(22)}m_{100}^{(22)}m_{110}^{(00)}m_{031}^{(10)} - m_{000}^{(22)}m_{100}^{(22)}m_{110}^{(11)}m_{310}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(22)}m_{110}^{(11)}m_{301}^{(11)} + m_{000}^{(22)}m_{100}^{(22)}m_{110}^{(11)}m_{220}^{(20)} - m_{000}^{(22)}m_{100}^{(22)}m_{110}^{(11)}m_{211}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(22)}m_{020}^{(00)}m_{220}^{(21)} + m_{000}^{(22)}m_{100}^{(22)}m_{020}^{(00)}m_{211}^{(11)} + m_{000}^{(22)}m_{100}^{(22)}m_{020}^{(00)}m_{130}^{(20)}\\
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&-m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(10)}m_{112}^{(21)} - m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(10)}m_{022}^{(20)} + m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(10)}m_{013}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(11)}m_{211}^{(22)} + m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(11)}m_{202}^{(21)} + m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(11)}m_{112}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(11)}m_{103}^{(10)} - m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(10)}m_{130}^{(22)} + m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(10)}m_{121}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(10)}m_{031}^{(20)} - m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(10)}m_{022}^{(10)} + m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(11)}m_{220}^{(22)}\\
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&-m_{000}^{(22)}m_{010}^{(00)}m_{020}^{(00)}m_{013}^{(10)} + m_{000}^{(22)}m_{010}^{(00)}m_{020}^{(10)}m_{211}^{(22)} - m_{000}^{(22)}m_{010}^{(00)}m_{020}^{(10)}m_{202}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{020}^{(10)}m_{112}^{(20)} + m_{000}^{(22)}m_{010}^{(00)}m_{020}^{(10)}m_{103}^{(10)} + m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(00)}m_{130}^{(22)}\\
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&+m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(00)}m_{121}^{(22)} - m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(00)}m_{112}^{(21)} - m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(00)}m_{022}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(00)}m_{013}^{(10)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(10)}m_{211}^{(22)} + m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(10)}m_{202}^{(21)}\\
&+3m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(10)}m_{112}^{(20)} - m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(10)}m_{103}^{(10)} - m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(10)}m_{013}^{(00)}\\
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&+2m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(10)}m_{220}^{(22)} - m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(10)}m_{211}^{(21)} - 3m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(10)}m_{121}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(10)}m_{112}^{(10)} + m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(10)}m_{022}^{(00)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(11)}m_{310}^{(22)}\\
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&+m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(10)}m_{121}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(10)}m_{031}^{(00)} + m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(11)}m_{310}^{(21)}\\
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&+m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(00)}m_{220}^{(22)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(00)}m_{211}^{(21)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(00)}m_{112}^{(10)}\\
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&-m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(11)}m_{202}^{(10)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(11)}m_{112}^{(00)} + m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(00)}m_{220}^{(22)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(00)}m_{211}^{(21)} - 3m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(00)}m_{121}^{(20)} - m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(00)}m_{112}^{(10)}\\
&+2m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(00)}m_{022}^{(00)} - m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{301}^{(21)} + m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{211}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{202}^{(10)} - m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{112}^{(00)} - m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(11)}m_{400}^{(22)}\\
&+2m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(11)}m_{301}^{(20)} - m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(11)}m_{202}^{(00)} + m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(10)}m_{310}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(10)}m_{220}^{(20)} - m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(10)}m_{211}^{(10)} + m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(10)}m_{121}^{(00)}\\
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&-m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(11)}m_{211}^{(00)} - m_{000}^{(22)}m_{010}^{(21)}m_{020}^{(00)}m_{310}^{(22)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{020}^{(00)}m_{211}^{(20)}
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&-m_{000}^{(22)}m_{010}^{(21)}m_{020}^{(00)}m_{112}^{(00)} + m_{000}^{(22)}m_{010}^{(21)}m_{020}^{(10)}m_{400}^{(22)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{020}^{(10)}m_{301}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{020}^{(10)}m_{202}^{(00)} - m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(00)}m_{310}^{(21)} + m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(00)}m_{220}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(00)}m_{211}^{(10)} - m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(00)}m_{121}^{(00)} + m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(10)}m_{400}^{(21)}\\
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&+m_{000}^{(22)}m_{010}^{(22)}m_{110}^{(11)}m_{211}^{(00)} + m_{000}^{(22)}m_{010}^{(22)}m_{020}^{(00)}m_{310}^{(21)} - m_{000}^{(22)}m_{010}^{(22)}m_{020}^{(00)}m_{220}^{(20)}\\
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&-m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(11)}m_{211}^{(20)} - m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(11)}m_{202}^{(10)} + m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(11)}m_{112}^{(00)}\\
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&-m_{000}^{(22)}m_{001}^{(11)}m_{101}^{(10)}m_{220}^{(20)} - m_{000}^{(22)}m_{001}^{(11)}m_{101}^{(10)}m_{211}^{(10)} + m_{000}^{(22)}m_{001}^{(11)}m_{101}^{(10)}m_{121}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(11)}m_{101}^{(11)}m_{400}^{(21)} + m_{000}^{(22)}m_{001}^{(11)}m_{101}^{(11)}m_{310}^{(20)} + m_{000}^{(22)}m_{001}^{(11)}m_{101}^{(11)}m_{301}^{(10)}\\
&-m_{000}^{(22)}m_{001}^{(11)}m_{101}^{(11)}m_{211}^{(00)} - m_{000}^{(22)}m_{001}^{(11)}m_{011}^{(00)}m_{310}^{(21)} + m_{000}^{(22)}m_{001}^{(11)}m_{011}^{(00)}m_{220}^{(20)}\\
&+m_{000}^{(22)}m_{001}^{(11)}m_{011}^{(00)}m_{211}^{(10)} - m_{000}^{(22)}m_{001}^{(11)}m_{011}^{(00)}m_{121}^{(00)} + m_{000}^{(22)}m_{001}^{(11)}m_{011}^{(10)}m_{400}^{(21)}\\
&-m_{000}^{(22)}m_{001}^{(11)}m_{011}^{(10)}m_{310}^{(20)} - m_{000}^{(22)}m_{001}^{(11)}m_{011}^{(10)}m_{301}^{(10)} + m_{000}^{(22)}m_{001}^{(11)}m_{011}^{(10)}m_{211}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(10)}m_{130}^{(21)} + m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(10)}m_{121}^{(11)} + m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(10)}m_{040}^{(20)}\\
&-m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(10)}m_{031}^{(10)} + m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{220}^{(21)} - m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{211}^{(11)}\\
&-m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{130}^{(20)} + m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{121}^{(10)} + m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(00)}m_{130}^{(21)}\\
&-m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(00)}m_{121}^{(11)} - m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(00)}m_{040}^{(20)} + m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(00)}m_{031}^{(10)}\\
&-m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{211}^{(11)} + 2m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{121}^{(10)} - m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{031}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{310}^{(21)} + 2m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{301}^{(11)} + m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{220}^{(20)}\\
&-3m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{211}^{(10)} + m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{121}^{(00)} + m_{000}^{(22)}m_{001}^{(20)}m_{101}^{(10)}m_{220}^{(11)}\\
&-2m_{000}^{(22)}m_{001}^{(20)}m_{101}^{(10)}m_{130}^{(10)} + m_{000}^{(22)}m_{001}^{(20)}m_{101}^{(10)}m_{040}^{(00)} - m_{000}^{(22)}m_{001}^{(20)}m_{101}^{(11)}m_{310}^{(11)}\\
&+2m_{000}^{(22)}m_{001}^{(20)}m_{101}^{(11)}m_{220}^{(10)} - m_{000}^{(22)}m_{001}^{(20)}m_{101}^{(11)}m_{130}^{(00)} - m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{220}^{(21)}\\
&+2m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{211}^{(11)} + m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{130}^{(20)} - 3m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{121}^{(10)}\\
&+m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{031}^{(00)} + m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{310}^{(21)} - 2m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{301}^{(11)}\\
&-m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{220}^{(20)} + 3m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{211}^{(10)} - m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{121}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(20)}m_{011}^{(00)}m_{220}^{(11)} + 2m_{000}^{(22)}m_{001}^{(20)}m_{011}^{(00)}m_{130}^{(10)} - m_{000}^{(22)}m_{001}^{(20)}m_{011}^{(00)}m_{040}^{(00)}\\
&+m_{000}^{(22)}m_{001}^{(20)}m_{011}^{(10)}m_{310}^{(11)} - 2m_{000}^{(22)}m_{001}^{(20)}m_{011}^{(10)}m_{220}^{(10)} + m_{000}^{(22)}m_{001}^{(20)}m_{011}^{(10)}m_{130}^{(00)}\\
&+m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{220}^{(21)} + m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{211}^{(11)} - m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{130}^{(20)}\\
&-3m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{121}^{(10)} + 2m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{031}^{(00)} - m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{310}^{(21)}\\
&-m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{301}^{(11)} + m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{220}^{(20)} + 3m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{211}^{(10)}\\
&-2m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{121}^{(00)} - m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{220}^{(21)} - m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{211}^{(11)}\\
&+m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{130}^{(20)} + 3m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{121}^{(10)} - 2m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{031}^{(00)}\\
&+m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{301}^{(11)} - 2m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{211}^{(10)} + m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{121}^{(00)}\\
&+m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(11)}m_{400}^{(21)} - m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(11)}m_{310}^{(20)} - m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(11)}m_{301}^{(10)}\\
&+m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(11)}m_{211}^{(00)} - m_{000}^{(22)}m_{001}^{(21)}m_{101}^{(10)}m_{310}^{(11)} + 2m_{000}^{(22)}m_{001}^{(21)}m_{101}^{(10)}m_{220}^{(10)}\\
&-m_{000}^{(22)}m_{001}^{(21)}m_{101}^{(10)}m_{130}^{(00)} + m_{000}^{(22)}m_{001}^{(21)}m_{101}^{(11)}m_{400}^{(11)} - 2m_{000}^{(22)}m_{001}^{(21)}m_{101}^{(11)}m_{310}^{(10)}\\
&+m_{000}^{(22)}m_{001}^{(21)}m_{101}^{(11)}m_{220}^{(00)} + m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{310}^{(21)} - m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{220}^{(20)}\\
&-m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{211}^{(10)} + m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{121}^{(00)} - m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(10)}m_{400}^{(21)}\\
&+m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(10)}m_{310}^{(20)} + m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(10)}m_{301}^{(10)} - m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(10)}m_{211}^{(00)}\\
&+m_{000}^{(22)}m_{001}^{(21)}m_{011}^{(00)}m_{310}^{(11)} - 2m_{000}^{(22)}m_{001}^{(21)}m_{011}^{(00)}m_{220}^{(10)} + m_{000}^{(22)}m_{001}^{(21)}m_{011}^{(00)}m_{130}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(21)}m_{011}^{(10)}m_{400}^{(11)} + 2m_{000}^{(22)}m_{001}^{(21)}m_{011}^{(10)}m_{310}^{(10)} - m_{000}^{(22)}m_{001}^{(21)}m_{011}^{(10)}m_{220}^{(00)}
\end{aligned}
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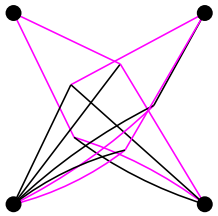
\begin{array}{l}
-m_{000}^{(22)}m_{001}^{(22)}m_{200}^{(10)}m_{220}^{(11)} + 2m_{000}^{(22)}m_{001}^{(22)}m_{200}^{(10)}m_{130}^{(10)} - m_{000}^{(22)}m_{001}^{(22)}m_{200}^{(10)}m_{040}^{(00)} \\
+m_{000}^{(22)}m_{001}^{(22)}m_{200}^{(11)}m_{310}^{(11)} - 2m_{000}^{(22)}m_{001}^{(22)}m_{200}^{(11)}m_{220}^{(10)} + m_{000}^{(22)}m_{001}^{(22)}m_{200}^{(11)}m_{130}^{(00)} \\
+m_{000}^{(22)}m_{001}^{(22)}m_{110}^{(00)}m_{220}^{(11)} - 2m_{000}^{(22)}m_{001}^{(22)}m_{110}^{(00)}m_{130}^{(10)} + m_{000}^{(22)}m_{001}^{(22)}m_{110}^{(00)}m_{040}^{(00)} \\
-m_{000}^{(22)}m_{001}^{(22)}m_{110}^{(11)}m_{400}^{(11)} + 2m_{000}^{(22)}m_{001}^{(22)}m_{110}^{(11)}m_{310}^{(10)} - m_{000}^{(22)}m_{001}^{(22)}m_{110}^{(11)}m_{220}^{(00)} \\
-m_{000}^{(22)}m_{001}^{(22)}m_{020}^{(00)}m_{310}^{(11)} + 2m_{000}^{(22)}m_{001}^{(22)}m_{020}^{(00)}m_{220}^{(10)} - m_{000}^{(22)}m_{001}^{(22)}m_{020}^{(00)}m_{130}^{(00)} \\
+m_{000}^{(22)}m_{001}^{(22)}m_{020}^{(10)}m_{400}^{(11)} - 2m_{000}^{(22)}m_{001}^{(22)}m_{020}^{(10)}m_{310}^{(10)} + m_{000}^{(22)}m_{001}^{(22)}m_{020}^{(10)}m_{220}^{(00)}
\end{array}
$$

Generating graph:

$V1$	$V1$	1	1	$V2$
1	1	$V2$	$V3$	$V4$
$V3$	3	$V4$	4	4



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\begin{array}{rcl}
T_{166} & = & -m_{000}^{(00)}m_{100}^{(10)}m_{020}^{(10)}m_{013}^{(22)} + m_{000}^{(00)}m_{100}^{(10)}m_{020}^{(10)}m_{004}^{(21)} + m_{000}^{(00)}m_{100}^{(10)}m_{020}^{(11)}m_{103}^{(22)} \\
 & & -m_{000}^{(00)}m_{100}^{(10)}m_{020}^{(11)}m_{004}^{(20)} + m_{000}^{(00)}m_{100}^{(10)}m_{020}^{(20)}m_{013}^{(21)} - m_{000}^{(00)}m_{100}^{(10)}m_{020}^{(20)}m_{004}^{(11)} \\
 & & -2m_{000}^{(00)}m_{100}^{(10)}m_{020}^{(21)}m_{103}^{(21)} + m_{000}^{(00)}m_{100}^{(10)}m_{020}^{(21)}m_{013}^{(20)} + m_{000}^{(00)}m_{100}^{(10)}m_{020}^{(21)}m_{004}^{(10)} \\
 & & +m_{000}^{(00)}m_{100}^{(10)}m_{020}^{(22)}m_{103}^{(11)} - m_{000}^{(00)}m_{100}^{(10)}m_{020}^{(22)}m_{013}^{(10)} + 2m_{000}^{(00)}m_{100}^{(10)}m_{011}^{(10)}m_{013}^{(22)} \\
 & & -2m_{000}^{(00)}m_{100}^{(10)}m_{011}^{(10)}m_{013}^{(21)} - 2m_{000}^{(00)}m_{100}^{(10)}m_{011}^{(11)}m_{112}^{(22)} + 2m_{000}^{(00)}m_{100}^{(10)}m_{011}^{(11)}m_{013}^{(20)} \\
 & & -2m_{000}^{(00)}m_{100}^{(10)}m_{011}^{(20)}m_{022}^{(21)} + 2m_{000}^{(00)}m_{100}^{(10)}m_{011}^{(20)}m_{013}^{(11)} + 4m_{000}^{(00)}m_{100}^{(10)}m_{011}^{(21)}m_{112}^{(21)} \\
 & & -2m_{000}^{(00)}m_{100}^{(10)}m_{011}^{(21)}m_{022}^{(20)} - 2m_{000}^{(00)}m_{100}^{(10)}m_{011}^{(21)}m_{013}^{(10)} - 2m_{000}^{(00)}m_{100}^{(10)}m_{011}^{(22)}m_{112}^{(11)} \\
 & & +2m_{000}^{(00)}m_{100}^{(10)}m_{011}^{(22)}m_{022}^{(10)} - m_{000}^{(00)}m_{100}^{(10)}m_{002}^{(10)}m_{031}^{(22)} + m_{000}^{(00)}m_{100}^{(10)}m_{002}^{(10)}m_{022}^{(21)} \\
 & & +m_{000}^{(00)}m_{100}^{(10)}m_{002}^{(11)}m_{121}^{(22)} - m_{000}^{(00)}m_{100}^{(10)}m_{002}^{(11)}m_{022}^{(20)} + m_{000}^{(00)}m_{100}^{(10)}m_{002}^{(20)}m_{031}^{(21)} \\
 & & -m_{000}^{(00)}m_{100}^{(10)}m_{002}^{(20)}m_{022}^{(11)} - 2m_{000}^{(00)}m_{100}^{(10)}m_{002}^{(21)}m_{121}^{(21)} + m_{000}^{(00)}m_{100}^{(10)}m_{002}^{(21)}m_{031}^{(20)} \\
 & & +m_{000}^{(00)}m_{100}^{(10)}m_{002}^{(21)}m_{022}^{(10)} + m_{000}^{(00)}m_{100}^{(10)}m_{002}^{(22)}m_{121}^{(11)} - m_{000}^{(00)}m_{100}^{(10)}m_{002}^{(22)}m_{031}^{(10)} \\
 & & +m_{000}^{(00)}m_{100}^{(11)}m_{020}^{(00)}m_{013}^{(22)} - m_{000}^{(00)}m_{100}^{(11)}m_{020}^{(00)}m_{004}^{(21)} - m_{000}^{(00)}m_{100}^{(11)}m_{020}^{(10)}m_{103}^{(22)} \\
 & & +m_{000}^{(00)}m_{100}^{(11)}m_{020}^{(10)}m_{004}^{(20)} + m_{000}^{(00)}m_{100}^{(11)}m_{020}^{(20)}m_{103}^{(21)} - 2m_{000}^{(00)}m_{100}^{(11)}m_{020}^{(20)}m_{013}^{(20)} \\
 & & +m_{000}^{(00)}m_{100}^{(11)}m_{020}^{(20)}m_{004}^{(10)} + m_{000}^{(00)}m_{100}^{(11)}m_{020}^{(21)}m_{103}^{(20)} - m_{000}^{(00)}m_{100}^{(11)}m_{020}^{(21)}m_{004}^{(00)} \\
 & & -m_{000}^{(00)}m_{100}^{(11)}m_{020}^{(22)}m_{103}^{(10)} + m_{000}^{(00)}m_{100}^{(11)}m_{020}^{(22)}m_{013}^{(00)} - 2m_{000}^{(00)}m_{100}^{(11)}m_{011}^{(00)}m_{022}^{(22)} \\
 & & +2m_{000}^{(00)}m_{100}^{(11)}m_{011}^{(00)}m_{013}^{(21)} + 2m_{000}^{(00)}m_{100}^{(11)}m_{011}^{(10)}m_{112}^{(22)} - 2m_{000}^{(00)}m_{100}^{(11)}m_{011}^{(10)}m_{013}^{(20)} \\
 & & -2m_{000}^{(00)}m_{100}^{(11)}m_{011}^{(20)}m_{112}^{(21)} + 4m_{000}^{(00)}m_{100}^{(11)}m_{011}^{(20)}m_{022}^{(20)} - 2m_{000}^{(00)}m_{100}^{(11)}m_{011}^{(20)}m_{013}^{(10)}
\end{array}
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\begin{aligned}
&-2m_{000}^{(00)}m_{100}^{(11)}m_{011}^{(21)}m_{112}^{(20)} + 2m_{000}^{(00)}m_{100}^{(11)}m_{011}^{(21)}m_{013}^{(00)} + 2m_{000}^{(00)}m_{100}^{(11)}m_{011}^{(22)}m_{112}^{(10)}\\
&-2m_{000}^{(00)}m_{100}^{(11)}m_{011}^{(22)}m_{022}^{(00)} + m_{000}^{(00)}m_{100}^{(11)}m_{002}^{(00)}m_{031}^{(22)} - m_{000}^{(00)}m_{100}^{(11)}m_{002}^{(00)}m_{022}^{(21)}\\
&-m_{000}^{(00)}m_{100}^{(11)}m_{002}^{(10)}m_{121}^{(22)} + m_{000}^{(00)}m_{100}^{(11)}m_{002}^{(10)}m_{022}^{(20)} + m_{000}^{(00)}m_{100}^{(11)}m_{002}^{(20)}m_{121}^{(21)}\\
&-2m_{000}^{(00)}m_{100}^{(11)}m_{002}^{(20)}m_{031}^{(20)} + m_{000}^{(00)}m_{100}^{(11)}m_{002}^{(20)}m_{022}^{(10)} + m_{000}^{(00)}m_{100}^{(11)}m_{002}^{(21)}m_{121}^{(20)}\\
&-m_{000}^{(00)}m_{100}^{(11)}m_{002}^{(21)}m_{022}^{(00)} - m_{000}^{(00)}m_{100}^{(11)}m_{002}^{(22)}m_{121}^{(10)} + m_{000}^{(00)}m_{100}^{(11)}m_{002}^{(22)}m_{031}^{(00)}\\
&+m_{000}^{(00)}m_{100}^{(20)}m_{020}^{(10)}m_{022}^{(22)} - m_{000}^{(00)}m_{100}^{(20)}m_{020}^{(10)}m_{013}^{(21)} - m_{000}^{(00)}m_{100}^{(20)}m_{020}^{(11)}m_{112}^{(22)}\\
&+m_{000}^{(00)}m_{100}^{(20)}m_{020}^{(11)}m_{013}^{(20)} - m_{000}^{(00)}m_{100}^{(20)}m_{020}^{(20)}m_{022}^{(21)} + m_{000}^{(00)}m_{100}^{(20)}m_{020}^{(20)}m_{013}^{(11)}\\
&+2m_{000}^{(00)}m_{100}^{(20)}m_{020}^{(21)}m_{112}^{(21)} - m_{000}^{(00)}m_{100}^{(20)}m_{020}^{(21)}m_{022}^{(20)} - m_{000}^{(00)}m_{100}^{(20)}m_{020}^{(21)}m_{013}^{(10)}\\
&-m_{000}^{(00)}m_{100}^{(20)}m_{020}^{(22)}m_{112}^{(11)} + m_{000}^{(00)}m_{100}^{(20)}m_{020}^{(22)}m_{022}^{(10)} - 2m_{000}^{(00)}m_{100}^{(20)}m_{011}^{(10)}m_{031}^{(22)}\\
&+2m_{000}^{(00)}m_{100}^{(20)}m_{011}^{(10)}m_{022}^{(21)} + 2m_{000}^{(00)}m_{100}^{(20)}m_{011}^{(11)}m_{121}^{(22)} - 2m_{000}^{(00)}m_{100}^{(20)}m_{011}^{(11)}m_{022}^{(20)}\\
&+2m_{000}^{(00)}m_{100}^{(20)}m_{011}^{(20)}m_{031}^{(21)} - 2m_{000}^{(00)}m_{100}^{(20)}m_{011}^{(21)}m_{022}^{(11)} - 4m_{000}^{(00)}m_{100}^{(20)}m_{011}^{(21)}m_{121}^{(21)}\\
&+2m_{000}^{(00)}m_{100}^{(20)}m_{011}^{(21)}m_{031}^{(20)} + 2m_{000}^{(00)}m_{100}^{(20)}m_{011}^{(21)}m_{022}^{(10)} + 2m_{000}^{(00)}m_{100}^{(20)}m_{011}^{(22)}m_{121}^{(11)}\\
&-2m_{000}^{(00)}m_{100}^{(20)}m_{011}^{(22)}m_{031}^{(10)} + m_{000}^{(00)}m_{100}^{(20)}m_{002}^{(10)}m_{040}^{(22)} - m_{000}^{(00)}m_{100}^{(20)}m_{002}^{(10)}m_{031}^{(21)}\\
&-m_{000}^{(00)}m_{100}^{(20)}m_{002}^{(11)}m_{130}^{(22)} + m_{000}^{(00)}m_{100}^{(20)}m_{002}^{(11)}m_{031}^{(20)} - m_{000}^{(00)}m_{100}^{(20)}m_{002}^{(20)}m_{040}^{(21)}\\
&+m_{000}^{(00)}m_{100}^{(20)}m_{002}^{(20)}m_{031}^{(11)} + 2m_{000}^{(00)}m_{100}^{(20)}m_{002}^{(21)}m_{130}^{(21)} - m_{000}^{(00)}m_{100}^{(20)}m_{002}^{(21)}m_{040}^{(20)}\\
&-m_{000}^{(00)}m_{100}^{(20)}m_{002}^{(21)}m_{031}^{(10)} - m_{000}^{(00)}m_{100}^{(20)}m_{002}^{(22)}m_{130}^{(11)} + m_{000}^{(00)}m_{100}^{(20)}m_{002}^{(22)}m_{040}^{(10)}\\
&-m_{000}^{(00)}m_{100}^{(21)}m_{020}^{(00)}m_{022}^{(22)} + m_{000}^{(00)}m_{100}^{(21)}m_{020}^{(00)}m_{004}^{(11)} + m_{000}^{(00)}m_{100}^{(21)}m_{020}^{(10)}m_{112}^{(22)}\\
&+m_{000}^{(00)}m_{100}^{(21)}m_{020}^{(10)}m_{103}^{(21)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{020}^{(10)}m_{004}^{(10)} - m_{000}^{(00)}m_{100}^{(21)}m_{020}^{(11)}m_{103}^{(20)}\\
&+m_{000}^{(00)}m_{100}^{(21)}m_{020}^{(11)}m_{004}^{(00)} - m_{000}^{(00)}m_{100}^{(21)}m_{020}^{(20)}m_{112}^{(21)} - m_{000}^{(00)}m_{100}^{(21)}m_{020}^{(20)}m_{103}^{(11)}\\
&+2m_{000}^{(00)}m_{100}^{(21)}m_{020}^{(20)}m_{022}^{(20)} - m_{000}^{(00)}m_{100}^{(21)}m_{020}^{(21)}m_{112}^{(20)} + m_{000}^{(00)}m_{100}^{(21)}m_{020}^{(21)}m_{103}^{(10)}\\
&+m_{000}^{(00)}m_{100}^{(21)}m_{020}^{(22)}m_{112}^{(10)} - m_{000}^{(00)}m_{100}^{(21)}m_{020}^{(22)}m_{022}^{(00)} + 2m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(00)}m_{031}^{(22)}\\
&-2m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(00)}m_{013}^{(11)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(10)}m_{121}^{(22)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(10)}m_{112}^{(21)}\\
&+4m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(10)}m_{013}^{(10)} + 2m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(11)}m_{112}^{(20)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(11)}m_{013}^{(00)}\\
&+2m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(20)}m_{121}^{(21)} + 2m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(20)}m_{112}^{(11)} - 4m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(20)}m_{031}^{(20)}\\
&+2m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(21)}m_{121}^{(20)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(21)}m_{112}^{(10)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(22)}m_{121}^{(10)}\\
&+2m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(22)}m_{031}^{(00)} - m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(00)}m_{040}^{(22)} + m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(00)}m_{022}^{(11)}\\
&+m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(10)}m_{130}^{(22)} + m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(10)}m_{121}^{(21)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(10)}m_{022}^{(10)}\\
&-m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(11)}m_{121}^{(20)} + m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(11)}m_{022}^{(00)} - m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(20)}m_{130}^{(21)}\\
&-m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(20)}m_{121}^{(11)} + 2m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(20)}m_{040}^{(20)} - m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(21)}m_{130}^{(20)}\\
&+m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(21)}m_{121}^{(10)} + m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(22)}m_{130}^{(10)} - m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(22)}m_{040}^{(00)}\\
&+m_{000}^{(00)}m_{100}^{(22)}m_{020}^{(00)}m_{022}^{(21)} - m_{000}^{(00)}m_{100}^{(22)}m_{020}^{(00)}m_{013}^{(11)} - m_{000}^{(00)}m_{100}^{(22)}m_{020}^{(10)}m_{112}^{(21)}\\
&-m_{000}^{(00)}m_{100}^{(22)}m_{020}^{(10)}m_{022}^{(20)} + 2m_{000}^{(00)}m_{100}^{(22)}m_{020}^{(10)}m_{013}^{(10)} + m_{000}^{(00)}m_{100}^{(22)}m_{020}^{(11)}m_{112}^{(20)}\\
&-m_{000}^{(00)}m_{100}^{(22)}m_{020}^{(11)}m_{013}^{(00)} + m_{000}^{(00)}m_{100}^{(22)}m_{020}^{(20)}m_{112}^{(11)} - m_{000}^{(00)}m_{100}^{(22)}m_{020}^{(20)}m_{022}^{(10)}\\
&-m_{000}^{(00)}m_{100}^{(22)}m_{020}^{(21)}m_{112}^{(10)} + m_{000}^{(00)}m_{100}^{(22)}m_{020}^{(21)}m_{022}^{(00)} - 2m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(00)}m_{031}^{(21)}\\
&+2m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(00)}m_{022}^{(11)} + 2m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(10)}m_{121}^{(21)} + 2m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(10)}m_{031}^{(20)}\\
&-4m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(10)}m_{022}^{(10)} - 2m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(11)}m_{121}^{(20)} + 2m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(11)}m_{022}^{(00)}\\
&-2m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(20)}m_{121}^{(11)} + 2m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(20)}m_{031}^{(10)} + 2m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(21)}m_{121}^{(10)}\\
&-2m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(21)}m_{031}^{(00)} + m_{000}^{(00)}m_{100}^{(22)}m_{002}^{(00)}m_{040}^{(21)} - m_{000}^{(00)}m_{100}^{(22)}m_{002}^{(00)}m_{031}^{(11)}
\end{aligned}
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\begin{aligned}
&-m_{000}^{(00)}m_{100}^{(22)}m_{002}^{(10)}m_{130}^{(21)} - m_{000}^{(00)}m_{100}^{(22)}m_{002}^{(10)}m_{040}^{(20)} + 2m_{000}^{(00)}m_{100}^{(22)}m_{002}^{(10)}m_{031}^{(10)}\\
&+m_{000}^{(00)}m_{100}^{(22)}m_{002}^{(11)}m_{130}^{(20)} - m_{000}^{(00)}m_{100}^{(22)}m_{002}^{(11)}m_{031}^{(00)} + m_{000}^{(00)}m_{100}^{(22)}m_{002}^{(20)}m_{130}^{(11)}\\
&-m_{000}^{(00)}m_{100}^{(22)}m_{002}^{(20)}m_{040}^{(10)} - m_{000}^{(00)}m_{100}^{(22)}m_{002}^{(21)}m_{130}^{(10)} + m_{000}^{(00)}m_{100}^{(22)}m_{002}^{(21)}m_{040}^{(00)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(10)}m_{013}^{(22)} - m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(10)}m_{004}^{(21)} - m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(11)}m_{103}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(11)}m_{004}^{(20)} - m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(20)}m_{013}^{(21)} + m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(20)}m_{004}^{(11)}\\
&+2m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(21)}m_{103}^{(21)} - m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(21)}m_{013}^{(20)} - m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(21)}m_{004}^{(10)}\\
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&+m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(10)}m_{013}^{(21)} + m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(11)}m_{112}^{(22)} - m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(11)}m_{013}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(20)}m_{022}^{(21)} - m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(20)}m_{013}^{(11)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(21)}m_{112}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(21)}m_{022}^{(20)} + m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(21)}m_{013}^{(10)} + m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(22)}m_{112}^{(11)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(22)}m_{022}^{(10)} - m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(10)}m_{112}^{(22)} + m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(10)}m_{103}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(11)}m_{202}^{(22)} - m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(11)}m_{103}^{(20)} + m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(20)}m_{112}^{(21)}\\
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&+m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(11)}m_{121}^{(20)} - m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(11)}m_{022}^{(00)} + m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(20)}m_{121}^{(11)}\\
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&-m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{211}^{(10)}+m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{121}^{(00)}-m_{000}^{(00)}m_{010}^{(22)}m_{002}^{(00)}m_{130}^{(21)}\\
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&+2m_{000}^{(00)}m_{001}^{(11)}m_{020}^{(20)}m_{112}^{(20)}-m_{000}^{(00)}m_{001}^{(11)}m_{020}^{(20)}m_{103}^{(10)}-m_{000}^{(00)}m_{001}^{(11)}m_{020}^{(21)}m_{202}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{020}^{(21)}m_{103}^{(00)}+m_{000}^{(00)}m_{001}^{(11)}m_{020}^{(22)}m_{202}^{(10)}-m_{000}^{(00)}m_{001}^{(11)}m_{020}^{(22)}m_{112}^{(00)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(00)}m_{121}^{(22)}-m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(00)}m_{112}^{(21)}-m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(10)}m_{211}^{(22)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(10)}m_{112}^{(20)}+m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{112}^{(21)}-2m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{121}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{112}^{(10)}+m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{211}^{(20)}-m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{112}^{(00)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(22)}m_{211}^{(10)}+m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(22)}m_{121}^{(00)}+m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(10)}m_{031}^{(22)}\\
&-m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(10)}m_{022}^{(21)}-m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(11)}m_{121}^{(22)}+m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(11)}m_{022}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(20)}m_{031}^{(21)}+m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(20)}m_{022}^{(11)}+2m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{121}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{031}^{(20)}-m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{022}^{(10)}-m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(22)}m_{121}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(22)}m_{031}^{(10)}-m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(10)}m_{040}^{(22)}+m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(10)}m_{031}^{(21)}
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&+m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{130}^{(22)} - m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{031}^{(20)} + m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(20)}m_{040}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(20)}m_{031}^{(11)} - 2m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{130}^{(21)} + m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{040}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{031}^{(10)} + m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(22)}m_{130}^{(11)} - m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(22)}m_{040}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{121}^{(22)} + m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{112}^{(21)} + m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{211}^{(22)}\\
&-m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{112}^{(20)} + m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{121}^{(21)} - m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{112}^{(11)}\\
&-2m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{211}^{(21)} + m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{121}^{(20)} + m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{112}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(22)}m_{211}^{(11)} - m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(22)}m_{121}^{(10)} + m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{130}^{(22)}\\
&-m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{121}^{(21)} - m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{220}^{(22)} + m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{121}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{130}^{(21)} + m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{121}^{(11)} + 2m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{220}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{130}^{(20)} - m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{121}^{(10)} - m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(22)}m_{220}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(22)}m_{130}^{(10)} - m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(00)}m_{031}^{(22)} + m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(00)}m_{013}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{121}^{(22)} + m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{112}^{(21)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{013}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(11)}m_{112}^{(20)} + m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(11)}m_{013}^{(00)} - m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{121}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{112}^{(11)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{031}^{(20)} - m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{121}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{112}^{(10)} + m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(22)}m_{121}^{(10)} - m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(22)}m_{031}^{(00)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(00)}m_{040}^{(22)} - m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(00)}m_{022}^{(11)} - m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{130}^{(22)}\\
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&-m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{022}^{(00)} + m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(20)}m_{130}^{(21)} + m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(20)}m_{121}^{(11)}\\
&-2m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(20)}m_{040}^{(20)} + m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{130}^{(20)} - m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{121}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(22)}m_{130}^{(10)} + m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(22)}m_{040}^{(00)} + m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(00)}m_{121}^{(22)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(00)}m_{103}^{(11)} - m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{211}^{(22)} - m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{202}^{(21)}\\
&+2m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{103}^{(10)} + m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(11)}m_{202}^{(20)} - m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(11)}m_{103}^{(00)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{211}^{(21)} + m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{202}^{(11)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{121}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{211}^{(20)} - m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{202}^{(10)} - m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{211}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{121}^{(00)} - m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(00)}m_{130}^{(22)} + m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(00)}m_{112}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{220}^{(22)} + m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{211}^{(21)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{112}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{211}^{(20)} + m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{112}^{(00)} - m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{220}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{211}^{(11)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{130}^{(20)} - m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{220}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{211}^{(10)} + m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(22)}m_{220}^{(10)} - m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(22)}m_{130}^{(00)}\\
&+m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(00)}m_{031}^{(21)} - m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(00)}m_{022}^{(11)} - m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{121}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{031}^{(20)} + 2m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{022}^{(10)} + m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(11)}m_{121}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(11)}m_{022}^{(00)} + m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(20)}m_{121}^{(11)} - m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(20)}m_{031}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(21)}m_{121}^{(10)} + m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(21)}m_{031}^{(00)} - m_{000}^{(00)}m_{001}^{(22)}m_{101}^{(00)}m_{040}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(22)}m_{101}^{(00)}m_{031}^{(11)} + m_{000}^{(00)}m_{001}^{(22)}m_{101}^{(10)}m_{130}^{(21)} + m_{000}^{(00)}m_{001}^{(22)}m_{101}^{(10)}m_{040}^{(20)}\\
&-2m_{000}^{(00)}m_{001}^{(22)}m_{101}^{(10)}m_{031}^{(10)} - m_{000}^{(00)}m_{001}^{(22)}m_{101}^{(11)}m_{130}^{(20)} + m_{000}^{(00)}m_{001}^{(22)}m_{101}^{(11)}m_{031}^{(00)}\\
&-m_{000}^{(00)}m_{001}^{(22)}m_{101}^{(20)}m_{130}^{(11)} + m_{000}^{(00)}m_{001}^{(22)}m_{101}^{(20)}m_{040}^{(10)} + m_{000}^{(00)}m_{001}^{(22)}m_{101}^{(21)}m_{130}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(22)}m_{101}^{(21)}m_{040}^{(00)} - m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(00)}m_{121}^{(21)} + m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(00)}m_{112}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(10)}m_{211}^{(21)} + m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(10)}m_{121}^{(20)} - 2m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(10)}m_{112}^{(10)}
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&-m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(11)}m_{211}^{(20)}+m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(11)}m_{112}^{(00)}-m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(20)}m_{211}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(20)}m_{121}^{(10)}+m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(21)}m_{211}^{(10)}-m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(21)}m_{121}^{(00)}\\
&+m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(00)}m_{130}^{(21)}-m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(00)}m_{121}^{(11)}-m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(10)}m_{220}^{(21)}\\
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&-m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(11)}m_{121}^{(00)}+m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(20)}m_{220}^{(11)}-m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(20)}m_{130}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(21)}m_{220}^{(10)}+m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(21)}m_{130}^{(00)}+m_{000}^{(10)}m_{100}^{(00)}m_{020}^{(10)}m_{013}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(00)}m_{020}^{(10)}m_{004}^{(21)}-m_{000}^{(10)}m_{100}^{(00)}m_{020}^{(11)}m_{103}^{(22)}+m_{000}^{(10)}m_{100}^{(00)}m_{020}^{(11)}m_{004}^{(20)}\\
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&-m_{000}^{(10)}m_{100}^{(00)}m_{020}^{(21)}m_{013}^{(20)}-m_{000}^{(10)}m_{100}^{(00)}m_{020}^{(21)}m_{004}^{(10)}-m_{000}^{(10)}m_{100}^{(00)}m_{020}^{(22)}m_{103}^{(11)}\\
&+m_{000}^{(10)}m_{100}^{(00)}m_{020}^{(22)}m_{013}^{(10)}-2m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(10)}m_{022}^{(22)}+2m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(10)}m_{013}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(11)}m_{112}^{(22)}-2m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(11)}m_{013}^{(20)}+2m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(20)}m_{022}^{(21)}\\
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&+2m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(21)}m_{013}^{(10)}+2m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(22)}m_{112}^{(11)}-2m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(22)}m_{022}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(10)}m_{031}^{(22)}-m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(10)}m_{022}^{(21)}-m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(11)}m_{121}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(11)}m_{022}^{(20)}-m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(20)}m_{031}^{(21)}+m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(20)}m_{022}^{(11)}\\
&+2m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(21)}m_{121}^{(21)}-m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(21)}m_{031}^{(20)}-m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(21)}m_{022}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(22)}m_{121}^{(11)}+m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(22)}m_{031}^{(10)}+m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(10)}m_{013}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(10)}m_{004}^{(21)}-m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(11)}m_{103}^{(22)}+m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(11)}m_{004}^{(20)}\\
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&-m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(21)}m_{013}^{(20)}-m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(21)}m_{004}^{(10)}-m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(22)}m_{103}^{(11)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(22)}m_{013}^{(10)}-m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(10)}m_{022}^{(22)}+m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(10)}m_{013}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(11)}m_{112}^{(22)}-m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(11)}m_{013}^{(20)}+m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(20)}m_{022}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(20)}m_{013}^{(11)}-2m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(21)}m_{112}^{(21)}+m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(21)}m_{022}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(21)}m_{013}^{(10)}+m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(22)}m_{112}^{(11)}-m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(22)}m_{022}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(00)}m_{013}^{(22)}+m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(00)}m_{004}^{(21)}+m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(10)}m_{103}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(10)}m_{004}^{(20)}-m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(20)}m_{103}^{(21)}+2m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(20)}m_{013}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(20)}m_{004}^{(10)}-m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(21)}m_{103}^{(20)}+m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(21)}m_{004}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(22)}m_{103}^{(10)}-m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(22)}m_{013}^{(00)}+2m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(00)}m_{022}^{(22)}\\
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&+2m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(10)}m_{013}^{(20)}+m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(11)}m_{202}^{(22)}-m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(11)}m_{103}^{(20)}\\
&+3m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(20)}m_{112}^{(21)}-m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(20)}m_{103}^{(11)}-4m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(20)}m_{022}^{(20)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(20)}m_{013}^{(10)}-2m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(21)}m_{202}^{(21)}+3m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(21)}m_{112}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(21)}m_{103}^{(10)}-2m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(21)}m_{013}^{(00)}+m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(22)}m_{202}^{(11)}\\
&-3m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(22)}m_{112}^{(10)}+2m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(22)}m_{022}^{(00)}-m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(00)}m_{031}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(00)}m_{022}^{(21)}+2m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(10)}m_{121}^{(22)}-m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(10)}m_{112}^{(21)}\\
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&-m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(21)}m_{112}^{(10)}+m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(21)}m_{022}^{(00)}-m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(22)}m_{211}^{(11)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(22)}m_{121}^{(10)}-m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(22)}m_{031}^{(00)}-m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(00)}m_{013}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(00)}m_{004}^{(21)}+m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(10)}m_{103}^{(22)}-m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(10)}m_{004}^{(20)}\\
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&+m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(00)}m_{112}^{(22)}-m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(00)}m_{103}^{(21)}-m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(10)}m_{202}^{(22)}\\
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&+m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(11)}m_{112}^{(22)}-m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(11)}m_{013}^{(20)}+m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(20)}m_{022}^{(21)}\\
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&+m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{013}^{(10)}+m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(22)}m_{112}^{(11)}-m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(22)}m_{022}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(10)}m_{031}^{(22)}-m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(10)}m_{022}^{(21)}-m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(11)}m_{121}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(11)}m_{022}^{(20)}-m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(20)}m_{031}^{(21)}+m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(20)}m_{022}^{(11)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{121}^{(21)}-m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{031}^{(20)}-m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{022}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(22)}m_{121}^{(11)}+m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(22)}m_{031}^{(10)}+m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(00)}m_{013}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(00)}m_{004}^{(11)}-m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(10)}m_{112}^{(22)}-m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(10)}m_{013}^{(20)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(10)}m_{004}^{(10)}+m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(11)}m_{202}^{(22)}-m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(11)}m_{004}^{(00)}\\
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&+m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(21)}m_{112}^{(20)}+m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(21)}m_{013}^{(00)}+m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(22)}m_{202}^{(11)}\\
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&+3m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(10)}m_{121}^{(22)}-m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(10)}m_{112}^{(21)}+2m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(10)}m_{022}^{(20)}\\
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&+2m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(11)}m_{013}^{(00)}-3m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(20)}m_{121}^{(21)}+m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(20)}m_{112}^{(11)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(20)}m_{022}^{(10)}+6m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{211}^{(21)}-3m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{121}^{(20)}\\
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&+3m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(22)}m_{121}^{(10)}+m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(00)}m_{031}^{(21)}-m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(00)}m_{022}^{(11)}\\
&-2m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(10)}m_{130}^{(22)}+m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(10)}m_{121}^{(21)}-m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(10)}m_{031}^{(20)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(10)}m_{022}^{(10)}+2m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(11)}m_{220}^{(22)}-m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(11)}m_{121}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(11)}m_{022}^{(00)}+2m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(20)}m_{130}^{(21)}-m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(20)}m_{121}^{(11)}
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&-m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(20)}m_{031}^{(10)} - 4m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(21)}m_{220}^{(21)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(21)}m_{130}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(21)}m_{121}^{(10)} + m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(21)}m_{031}^{(00)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(22)}m_{220}^{(11)}\\
&-2m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(22)}m_{130}^{(10)} + m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(00)}m_{022}^{(22)} - m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(00)}m_{004}^{(11)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(10)}m_{112}^{(22)} - m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(10)}m_{103}^{(21)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(10)}m_{004}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(11)}m_{103}^{(20)} - m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(11)}m_{004}^{(00)} + m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(20)}m_{112}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(20)}m_{103}^{(11)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(20)}m_{022}^{(20)} + m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{112}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{103}^{(10)} - m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(22)}m_{112}^{(10)} + m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(22)}m_{022}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(00)}m_{031}^{(22)} + m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(00)}m_{013}^{(11)} + m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(10)}m_{121}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(10)}m_{112}^{(21)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(10)}m_{013}^{(10)} - m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(11)}m_{112}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(11)}m_{013}^{(00)} - m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(20)}m_{121}^{(21)} - m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(20)}m_{112}^{(11)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(20)}m_{031}^{(20)} - m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{121}^{(20)} + m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{112}^{(10)}\\
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&+m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(20)}m_{202}^{(21)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(20)}m_{112}^{(20)} + m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(20)}m_{103}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(21)}m_{202}^{(20)} - m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(21)}m_{103}^{(00)} - m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(22)}m_{202}^{(10)}\\
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&+m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(00)}m_{103}^{(11)} + 3m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{211}^{(22)} + m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{202}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{112}^{(20)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{103}^{(10)} - m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(11)}m_{202}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(11)}m_{103}^{(00)} - 3m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{211}^{(21)} - m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{202}^{(11)}\\
&+6m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{121}^{(20)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{112}^{(10)} - 3m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{211}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{202}^{(10)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{112}^{(00)} + 3m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(22)}m_{211}^{(10)}\\
&-3m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(22)}m_{121}^{(00)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(00)}m_{130}^{(22)} - m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(00)}m_{121}^{(21)}\\
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&+m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{121}^{(20)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{112}^{(10)} + m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(11)}m_{211}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(11)}m_{112}^{(00)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(20)}m_{220}^{(21)} + m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(20)}m_{211}^{(11)}\\
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&-m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(21)}m_{211}^{(10)} - m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(21)}m_{121}^{(00)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(22)}m_{220}^{(10)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(22)}m_{130}^{(00)} - m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(00)}m_{022}^{(21)} + m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(00)}m_{013}^{(11)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(10)}m_{112}^{(21)} + m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(10)}m_{022}^{(20)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(10)}m_{013}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(11)}m_{112}^{(20)} + m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(11)}m_{013}^{(00)} - m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(20)}m_{112}^{(11)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(20)}m_{022}^{(10)} + m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{112}^{(10)} - m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{022}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(00)}m_{031}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(00)}m_{022}^{(11)} - m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(10)}m_{121}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(10)}m_{031}^{(20)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(10)}m_{022}^{(10)} + m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(11)}m_{121}^{(20)}\\
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&-m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(21)}m_{121}^{(10)} + m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(21)}m_{031}^{(00)} - m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(00)}m_{112}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(00)}m_{103}^{(11)} + m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(10)}m_{202}^{(21)} + m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(10)}m_{112}^{(20)}\\
&-2m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(10)}m_{103}^{(10)} - m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(11)}m_{202}^{(20)} + m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(11)}m_{103}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(20)}m_{202}^{(11)} + m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(20)}m_{112}^{(10)} + m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(21)}m_{202}^{(10)}
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&-m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(21)}m_{112}^{(00)}+3m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(00)}m_{121}^{(21)}-3m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(00)}m_{112}^{(11)}\\
&-3m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(10)}m_{211}^{(21)}-3m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(10)}m_{121}^{(20)}+6m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(10)}m_{112}^{(10)}\\
&+3m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(11)}m_{211}^{(20)}-3m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(11)}m_{112}^{(00)}+3m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(20)}m_{211}^{(11)}\\
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&+2m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(11)}m_{121}^{(00)}-2m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(20)}m_{220}^{(11)}+2m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(20)}m_{130}^{(10)}\\
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&+m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(20)}m_{013}^{(21)}-m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(20)}m_{004}^{(11)}-2m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(21)}m_{103}^{(21)}\\
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&-m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(22)}m_{013}^{(10)}+m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(10)}m_{022}^{(22)}-m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(10)}m_{013}^{(21)}\\
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&+m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(10)}m_{112}^{(22)}-m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(10)}m_{103}^{(21)}-m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(11)}m_{202}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(11)}m_{103}^{(20)}-m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(20)}m_{112}^{(21)}+m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(20)}m_{103}^{(11)}\\
&+2m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{202}^{(21)}-m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{112}^{(20)}-m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{103}^{(10)}\\
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&+m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(10)}m_{112}^{(21)}+m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(11)}m_{211}^{(22)}-m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(11)}m_{112}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(20)}m_{121}^{(21)}-m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(20)}m_{112}^{(11)}-2m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(21)}m_{211}^{(21)}\\
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&+m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(11)}m_{103}^{(22)}-m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(11)}m_{004}^{(20)}+m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(20)}m_{013}^{(21)}\\
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&+m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(00)}m_{013}^{(22)}-m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(00)}m_{004}^{(21)}-m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(10)}m_{103}^{(22)}\\
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&+3m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{112}^{(10)}-m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{022}^{(00)}-m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(00)}m_{112}^{(22)}\\
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&-m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(21)}m_{202}^{(20)}+m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(21)}m_{103}^{(00)}+m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(22)}m_{202}^{(10)}\\
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&+m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(11)}m_{301}^{(22)}-m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(11)}m_{202}^{(20)}+2m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(20)}m_{211}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(20)}m_{202}^{(11)}-2m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(20)}m_{121}^{(20)}+m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(20)}m_{112}^{(10)}\\
&-2m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(21)}m_{301}^{(21)}+2m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(21)}m_{211}^{(20)}+m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(21)}m_{202}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(21)}m_{112}^{(00)}+m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(22)}m_{301}^{(11)}-2m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(22)}m_{211}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(22)}m_{121}^{(00)}+m_{000}^{(10)}m_{010}^{(11)}m_{200}^{(00)}m_{013}^{(22)}-m_{000}^{(10)}m_{010}^{(11)}m_{200}^{(00)}m_{004}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(11)}m_{200}^{(10)}m_{103}^{(22)}+m_{000}^{(10)}m_{010}^{(11)}m_{200}^{(10)}m_{004}^{(20)}+m_{000}^{(10)}m_{010}^{(11)}m_{200}^{(20)}m_{103}^{(21)}\\
&-2m_{000}^{(10)}m_{010}^{(11)}m_{200}^{(20)}m_{013}^{(20)}+m_{000}^{(10)}m_{010}^{(11)}m_{200}^{(20)}m_{004}^{(10)}+m_{000}^{(10)}m_{010}^{(11)}m_{200}^{(21)}m_{103}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(11)}m_{200}^{(21)}m_{004}^{(00)}-m_{000}^{(10)}m_{010}^{(11)}m_{200}^{(22)}m_{103}^{(10)}+m_{000}^{(10)}m_{010}^{(11)}m_{200}^{(22)}m_{013}^{(00)}\\
&-2m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(00)}m_{112}^{(22)}+2m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(00)}m_{103}^{(21)}+2m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(10)}m_{202}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(10)}m_{103}^{(20)}-2m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{202}^{(21)}+4m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{112}^{(20)}\\
&-2m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{103}^{(10)}-2m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(21)}m_{202}^{(20)}+2m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(21)}m_{103}^{(00)}\\
&+2m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(22)}m_{202}^{(10)}-2m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(22)}m_{112}^{(00)}+m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(00)}m_{211}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(00)}m_{202}^{(21)}-m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(10)}m_{301}^{(22)}+m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(10)}m_{202}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(20)}m_{301}^{(21)}-2m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(20)}m_{211}^{(20)}+m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(20)}m_{202}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(21)}m_{301}^{(20)}-m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(21)}m_{202}^{(00)}-m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(22)}m_{301}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(22)}m_{211}^{(00)}+m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(10)}m_{022}^{(22)}-m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(10)}m_{013}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(11)}m_{112}^{(22)}+m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(11)}m_{013}^{(20)}-m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(20)}m_{022}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(20)}m_{013}^{(11)}+2m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{112}^{(21)}-m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{022}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{013}^{(10)}-m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(22)}m_{112}^{(11)}+m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(22)}m_{022}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(00)}m_{013}^{(21)}+m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(00)}m_{004}^{(11)}+m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(10)}m_{112}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(10)}m_{013}^{(20)}-2m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(10)}m_{004}^{(10)}-m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(11)}m_{202}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(11)}m_{004}^{(00)}-m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{112}^{(21)}+m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{013}^{(10)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{202}^{(21)}-m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{112}^{(20)}-m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{013}^{(00)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{202}^{(11)}+m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{112}^{(10)}+m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(00)}m_{022}^{(21)}\\
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&-2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(11)}m_{112}^{(20)}-m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(11)}m_{013}^{(00)}+3m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(20)}m_{121}^{(21)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(20)}m_{112}^{(11)}-m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(20)}m_{022}^{(10)}-6m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{211}^{(21)}\\
&+3m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{121}^{(20)}+2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{112}^{(10)}+m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{022}^{(00)}\\
&+3m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{211}^{(11)}-3m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{121}^{(10)}+m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(00)}m_{112}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(00)}m_{103}^{(11)}-m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{211}^{(22)}-m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{112}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{103}^{(10)}+m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(11)}m_{301}^{(22)}-m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(11)}m_{103}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{211}^{(21)}-m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{112}^{(20)}-2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{301}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{211}^{(20)}+m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{112}^{(00)}+m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{301}^{(11)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{211}^{(10)}-m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(00)}m_{121}^{(21)}+m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(00)}m_{112}^{(11)}
\end{aligned}
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\begin{aligned}
&+2m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{220}^{(22)} - m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{211}^{(21)} + m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{121}^{(20)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{112}^{(10)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(11)}m_{310}^{(22)} + m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(11)}m_{211}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(11)}m_{112}^{(00)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{220}^{(21)} + m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{211}^{(11)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{121}^{(10)} + 4m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{310}^{(21)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{220}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{211}^{(10)} - m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{121}^{(00)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(22)}m_{310}^{(11)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(22)}m_{220}^{(10)} - m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(00)}m_{022}^{(22)} + m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(00)}m_{004}^{(11)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(10)}m_{112}^{(22)} + m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(10)}m_{103}^{(21)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(10)}m_{004}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(11)}m_{103}^{(20)} + m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(11)}m_{004}^{(00)} - m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(20)}m_{112}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(20)}m_{103}^{(11)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(20)}m_{022}^{(20)} - m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{112}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{103}^{(10)} + m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{112}^{(10)} - m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{022}^{(00)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(00)}m_{112}^{(22)} + m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(00)}m_{103}^{(21)} + m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(10)}m_{202}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(10)}m_{103}^{(20)} - m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{202}^{(21)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{112}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{103}^{(10)} - m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(21)}m_{202}^{(20)} + m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(21)}m_{103}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{202}^{(10)} - m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{112}^{(00)} + 3m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(00)}m_{121}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(00)}m_{112}^{(21)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(00)}m_{103}^{(11)} - 3m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{211}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{202}^{(21)} + m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{112}^{(20)} + 4m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{103}^{(10)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(11)}m_{202}^{(20)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(11)}m_{103}^{(00)} + 3m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{211}^{(21)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{202}^{(11)} - 6m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{121}^{(20)} + m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{112}^{(10)}\\
&+3m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{211}^{(20)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{202}^{(10)} - m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{112}^{(00)}\\
&-3m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{211}^{(10)} + 3m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{121}^{(00)} + m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(00)}m_{211}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(00)}m_{202}^{(21)} - m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(10)}m_{301}^{(22)} + m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(10)}m_{202}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{301}^{(21)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{211}^{(20)} + m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{202}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(21)}m_{301}^{(20)} - m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(21)}m_{202}^{(00)} - m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(22)}m_{301}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(22)}m_{211}^{(00)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(00)}m_{220}^{(22)} + m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(00)}m_{211}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(00)}m_{202}^{(11)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{310}^{(22)} + m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{301}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{211}^{(20)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{202}^{(10)} - m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(11)}m_{301}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(11)}m_{202}^{(00)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{310}^{(21)} - m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{301}^{(11)}\\
&+4m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{220}^{(20)} - m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{211}^{(10)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{310}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{301}^{(10)} + m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{211}^{(00)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(22)}m_{310}^{(10)}\\
&-2m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(22)}m_{220}^{(00)} + m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(00)}m_{022}^{(21)} - m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(00)}m_{013}^{(11)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(10)}m_{112}^{(21)} - m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(10)}m_{022}^{(20)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(10)}m_{013}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(11)}m_{112}^{(20)} - m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(11)}m_{013}^{(00)} + m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(20)}m_{112}^{(11)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(20)}m_{022}^{(10)} - m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(21)}m_{112}^{(10)} + m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(21)}m_{022}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(00)}m_{112}^{(21)} - m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(00)}m_{103}^{(11)} - m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{202}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{112}^{(20)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{103}^{(10)} + m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(11)}m_{202}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(11)}m_{103}^{(00)} + m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{202}^{(11)} - m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{112}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{202}^{(10)} + m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{112}^{(00)} - 3m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(00)}m_{121}^{(21)}\\
&+3m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(00)}m_{112}^{(11)} + 3m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{211}^{(21)} + 3m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{121}^{(20)}
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\begin{aligned}
&-6m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{112}^{(10)} - 3m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(11)}m_{211}^{(20)} + 3m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(11)}m_{112}^{(00)}\\
&-3m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{211}^{(11)} + 3m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{121}^{(10)} + 3m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{211}^{(10)}\\
&-3m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{121}^{(00)} - m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{211}^{(21)} + m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{202}^{(11)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{301}^{(21)} + m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{211}^{(20)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{202}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(11)}m_{301}^{(20)} + m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(11)}m_{202}^{(00)} - m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{301}^{(11)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{211}^{(10)} + m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(21)}m_{301}^{(10)} - m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(21)}m_{211}^{(00)}\\
&+2m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(00)}m_{220}^{(21)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(00)}m_{211}^{(11)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(10)}m_{310}^{(21)}\\
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&-2m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(11)}m_{211}^{(00)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(20)}m_{310}^{(11)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(20)}m_{220}^{(10)}\\
&-2m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(21)}m_{310}^{(10)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(21)}m_{220}^{(00)} + m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(10)}m_{022}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(10)}m_{013}^{(21)} - m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(11)}m_{112}^{(22)} + m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(11)}m_{013}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(20)}m_{022}^{(21)} + m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(20)}m_{013}^{(11)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{112}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{022}^{(20)} - m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{013}^{(10)} - m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(22)}m_{112}^{(11)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(22)}m_{022}^{(10)} - m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(10)}m_{031}^{(22)} + m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(10)}m_{022}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(11)}m_{121}^{(22)} - m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(11)}m_{022}^{(20)} + m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(20)}m_{031}^{(21)}\\
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&+m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{022}^{(10)} + m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(22)}m_{121}^{(11)} - m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(22)}m_{031}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(10)}m_{112}^{(22)} + m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(10)}m_{103}^{(21)} + m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(11)}m_{202}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(11)}m_{103}^{(20)} + m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(20)}m_{112}^{(21)} - m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(20)}m_{103}^{(11)}\\
&-2m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(21)}m_{202}^{(21)} + m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(21)}m_{112}^{(20)} + m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(21)}m_{103}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(22)}m_{202}^{(11)} - m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(22)}m_{112}^{(10)} + m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{121}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{112}^{(21)} - m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(11)}m_{211}^{(22)} + m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(11)}m_{112}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{121}^{(21)} + m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{112}^{(11)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{211}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{121}^{(20)} - m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{112}^{(10)} - m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(22)}m_{211}^{(11)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(22)}m_{121}^{(10)} + m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(10)}m_{022}^{(22)} - m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(10)}m_{013}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(11)}m_{112}^{(22)} + m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(11)}m_{013}^{(20)} - m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(20)}m_{022}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(20)}m_{013}^{(11)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{112}^{(21)} - m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{022}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{013}^{(10)} - m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(22)}m_{112}^{(11)} + m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(22)}m_{022}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(00)}m_{022}^{(22)} + m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(00)}m_{013}^{(21)} + m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(10)}m_{103}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(10)}m_{013}^{(20)} + m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(11)}m_{202}^{(22)} - m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(11)}m_{103}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{103}^{(11)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{022}^{(20)} - m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{013}^{(10)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{202}^{(21)} + m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{103}^{(10)} + m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{013}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{202}^{(11)} - m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{022}^{(00)} + m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(00)}m_{031}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(00)}m_{022}^{(21)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{121}^{(22)} + m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{112}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{022}^{(20)} + m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{211}^{(22)} - m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{112}^{(20)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{121}^{(21)} - m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{112}^{(11)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{031}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{022}^{(10)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{211}^{(21)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{121}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{112}^{(10)} - m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{022}^{(00)} + m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{211}^{(11)}
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&-2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{121}^{(10)}+m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{031}^{(00)}+m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(00)}m_{112}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(00)}m_{103}^{(21)}-m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(10)}m_{202}^{(22)}+m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(10)}m_{103}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{202}^{(21)}-2m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{112}^{(20)}+m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{103}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(21)}m_{202}^{(20)}-m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(21)}m_{103}^{(00)}-m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(22)}m_{202}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(22)}m_{112}^{(00)}-m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{121}^{(22)}+m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{112}^{(21)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{211}^{(22)}-m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{202}^{(21)}-m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{112}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(11)}m_{301}^{(22)}+m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(11)}m_{202}^{(20)}-2m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{211}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{202}^{(11)}+2m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{121}^{(20)}-m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{112}^{(10)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{301}^{(21)}-2m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{211}^{(20)}-m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{202}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{112}^{(00)}-m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{301}^{(11)}+2m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{211}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{121}^{(00)}-m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(00)}m_{022}^{(22)}+m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(00)}m_{013}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(10)}m_{112}^{(22)}-m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(10)}m_{013}^{(20)}-m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{112}^{(21)}\\
&+2m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{022}^{(20)}-m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{013}^{(10)}-m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{112}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{013}^{(00)}+m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{112}^{(10)}-m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{022}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(00)}m_{112}^{(22)}-m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(00)}m_{103}^{(21)}-m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(10)}m_{202}^{(22)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(10)}m_{103}^{(20)}+m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{202}^{(21)}-2m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{112}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{103}^{(10)}+m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(21)}m_{202}^{(20)}-m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(21)}m_{103}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{202}^{(10)}+m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{112}^{(00)}+m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{121}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{112}^{(21)}-m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{211}^{(22)}+m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{112}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{211}^{(21)}-2m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{121}^{(20)}+m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{112}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{211}^{(20)}-m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{112}^{(00)}-m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{211}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{121}^{(00)}-m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{211}^{(22)}+m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{202}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(10)}m_{301}^{(22)}-m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(10)}m_{202}^{(20)}-m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{301}^{(21)}\\
&+2m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{211}^{(20)}-m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{202}^{(10)}-m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(21)}m_{301}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(21)}m_{202}^{(00)}+m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(22)}m_{301}^{(10)}-m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(22)}m_{211}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(10)}m_{031}^{(22)}+m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(10)}m_{022}^{(21)}+m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{121}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{022}^{(20)}+m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(20)}m_{031}^{(21)}-m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(20)}m_{022}^{(11)}\\
&-2m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{121}^{(21)}+m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{031}^{(20)}+m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{022}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(22)}m_{121}^{(11)}-m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(22)}m_{031}^{(10)}+m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(00)}m_{022}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(00)}m_{013}^{(11)}-m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{112}^{(21)}-m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{022}^{(20)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{013}^{(10)}+m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{112}^{(20)}-m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{013}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{112}^{(11)}-m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{022}^{(10)}-m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{112}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{022}^{(00)}-m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(00)}m_{031}^{(21)}+m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(00)}m_{022}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{130}^{(22)}-m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{121}^{(21)}+m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{031}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{022}^{(10)}-2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{220}^{(22)}+m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{121}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{022}^{(00)}-2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{130}^{(21)}+m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{121}^{(11)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{031}^{(10)}+4m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{220}^{(21)}-2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{130}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{121}^{(10)}-m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{031}^{(00)}-2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(22)}m_{220}^{(11)}
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&+2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(22)}m_{130}^{(10)} - m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{112}^{(21)} + m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{103}^{(11)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{211}^{(22)} + m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{112}^{(20)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{103}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(11)}m_{301}^{(22)} + m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(11)}m_{103}^{(00)} - m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{211}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{112}^{(10)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{301}^{(21)} - m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{211}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{112}^{(00)} - m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(22)}m_{301}^{(11)} + m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(22)}m_{211}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{121}^{(21)} - m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{112}^{(11)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{220}^{(22)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{211}^{(21)} - m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{121}^{(20)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{112}^{(10)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{310}^{(22)} - m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{211}^{(20)} - m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{112}^{(00)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{220}^{(21)} - m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{211}^{(11)} - m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{121}^{(10)}\\
&-4m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{310}^{(21)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{220}^{(20)} + m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{211}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{121}^{(00)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(22)}m_{310}^{(11)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(22)}m_{220}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(00)}m_{031}^{(22)} - m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(00)}m_{013}^{(11)} - m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{121}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{112}^{(21)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{013}^{(10)} + m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{112}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{013}^{(00)} + m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{121}^{(21)} + m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{112}^{(11)}\\
&-2m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{031}^{(20)} + m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{121}^{(20)} - m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{112}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(22)}m_{121}^{(10)} + m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(22)}m_{031}^{(00)} - m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{112}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{103}^{(11)} + m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{202}^{(21)} + m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{112}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{103}^{(10)} - m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(11)}m_{202}^{(20)} + m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(11)}m_{103}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{202}^{(11)} + m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{112}^{(10)} + m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{202}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{112}^{(00)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{130}^{(22)} + m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{121}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{112}^{(11)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{220}^{(22)} + m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{211}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{121}^{(20)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{112}^{(10)} - m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{211}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{112}^{(00)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{220}^{(21)} - m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{211}^{(11)}\\
&+4m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{130}^{(20)} - m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{121}^{(10)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{220}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{211}^{(10)} + m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{121}^{(00)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(22)}m_{220}^{(10)}\\
&-2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(22)}m_{130}^{(00)} - m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{211}^{(22)} + m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{202}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(10)}m_{301}^{(22)} - m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(10)}m_{202}^{(20)} - m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{301}^{(21)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{211}^{(20)} - m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{202}^{(10)} - m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(21)}m_{301}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(21)}m_{202}^{(00)} + m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(22)}m_{301}^{(10)} - m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(22)}m_{211}^{(00)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{220}^{(22)} - m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{211}^{(21)} - m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{202}^{(11)}\\
&-2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{310}^{(22)} - m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{301}^{(21)} + m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{211}^{(20)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{202}^{(10)} + m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(11)}m_{301}^{(20)} - m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(11)}m_{202}^{(00)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{310}^{(21)} + m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{301}^{(11)} - 4m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{220}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{211}^{(10)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{310}^{(20)} - m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{301}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{211}^{(00)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(22)}m_{310}^{(10)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(22)}m_{220}^{(00)}\\
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&+m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{031}^{(20)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{022}^{(10)} - m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{121}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{022}^{(00)} - m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(20)}m_{121}^{(11)} + m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(20)}m_{031}^{(10)}
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&+m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{121}^{(10)} - m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{031}^{(00)} + 2m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(00)}m_{130}^{(21)}\\
&-2m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(00)}m_{121}^{(11)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(10)}m_{220}^{(21)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(10)}m_{130}^{(20)}\\
&+4m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(10)}m_{121}^{(10)} + 2m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(11)}m_{220}^{(20)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(11)}m_{121}^{(00)}\\
&+2m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(20)}m_{220}^{(11)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(20)}m_{130}^{(10)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(21)}m_{220}^{(10)}\\
&+2m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(21)}m_{130}^{(00)} + m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{211}^{(21)} - m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{202}^{(11)}\\
&-m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{301}^{(21)} - m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{211}^{(20)} + 2m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{202}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(11)}m_{301}^{(20)} - m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(11)}m_{202}^{(00)} + m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{301}^{(11)}\\
&-m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{211}^{(10)} - m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(21)}m_{301}^{(10)} + m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(21)}m_{211}^{(00)}\\
&-2m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(00)}m_{220}^{(21)} + 2m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(00)}m_{211}^{(11)} + 2m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(10)}m_{310}^{(21)}\\
&+2m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(10)}m_{220}^{(20)} - 4m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(10)}m_{211}^{(10)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(11)}m_{310}^{(20)}\\
&+2m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(11)}m_{211}^{(00)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(20)}m_{310}^{(11)} + 2m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(20)}m_{220}^{(10)}\\
&+2m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(21)}m_{310}^{(10)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(21)}m_{220}^{(00)} - m_{000}^{(11)}m_{100}^{(00)}m_{110}^{(10)}m_{013}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{110}^{(10)}m_{004}^{(21)} + m_{000}^{(11)}m_{100}^{(00)}m_{110}^{(11)}m_{103}^{(22)} - m_{000}^{(11)}m_{100}^{(00)}m_{110}^{(11)}m_{004}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{110}^{(20)}m_{013}^{(21)} - m_{000}^{(11)}m_{100}^{(00)}m_{110}^{(20)}m_{004}^{(11)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{110}^{(21)}m_{103}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{110}^{(21)}m_{013}^{(20)} + m_{000}^{(11)}m_{100}^{(00)}m_{110}^{(21)}m_{004}^{(10)} + m_{000}^{(11)}m_{100}^{(00)}m_{110}^{(22)}m_{103}^{(11)}\\
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&-m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(11)}m_{112}^{(22)} + m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(11)}m_{013}^{(20)} - m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(20)}m_{022}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(20)}m_{013}^{(11)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(21)}m_{112}^{(21)} - m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(21)}m_{022}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(21)}m_{013}^{(10)} - m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(22)}m_{112}^{(11)} + m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(22)}m_{022}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(10)}m_{112}^{(22)} - m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(10)}m_{103}^{(21)} - m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(11)}m_{202}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(11)}m_{103}^{(20)} - m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(20)}m_{112}^{(21)} + m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(20)}m_{103}^{(11)}\\
&+2m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(21)}m_{202}^{(21)} - m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(21)}m_{112}^{(20)} - m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(21)}m_{103}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(22)}m_{202}^{(11)} + m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(22)}m_{112}^{(10)} - m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(10)}m_{121}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(10)}m_{112}^{(21)} + m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(11)}m_{211}^{(22)} - m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(11)}m_{112}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(20)}m_{121}^{(21)} - m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(20)}m_{112}^{(11)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(21)}m_{211}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(21)}m_{121}^{(20)} + m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(21)}m_{112}^{(10)} + m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(22)}m_{211}^{(11)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(22)}m_{121}^{(10)} + m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(00)}m_{013}^{(22)} - m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(00)}m_{004}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(10)}m_{103}^{(22)} + m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(10)}m_{004}^{(20)} + m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(20)}m_{103}^{(21)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(20)}m_{013}^{(20)} + m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(20)}m_{004}^{(10)} + m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(21)}m_{103}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(21)}m_{004}^{(00)} - m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(22)}m_{103}^{(10)} + m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(22)}m_{013}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(00)}m_{022}^{(22)} + m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(00)}m_{013}^{(21)} + m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(10)}m_{112}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(10)}m_{013}^{(20)} - m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(20)}m_{112}^{(21)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(20)}m_{022}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(20)}m_{013}^{(10)} - m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(21)}m_{112}^{(20)} + m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(21)}m_{013}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(22)}m_{112}^{(10)} - m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(22)}m_{022}^{(00)} - m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(00)}m_{112}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(00)}m_{103}^{(21)} + m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(10)}m_{202}^{(22)} - m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(10)}m_{103}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(20)}m_{202}^{(21)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(20)}m_{112}^{(20)} - m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(20)}m_{103}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(21)}m_{202}^{(20)} + m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(21)}m_{103}^{(00)} + m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(22)}m_{202}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(22)}m_{112}^{(00)} + m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(00)}m_{121}^{(22)} - m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(00)}m_{112}^{(21)}
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&-m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(10)}m_{211}^{(22)}+m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(10)}m_{112}^{(20)}+m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(20)}m_{211}^{(21)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(20)}m_{121}^{(20)}+m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(20)}m_{112}^{(10)}+m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(21)}m_{211}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(21)}m_{112}^{(00)}-m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(22)}m_{211}^{(10)}+m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(22)}m_{121}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(00)}m_{013}^{(21)}+m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(00)}m_{004}^{(11)}+m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(10)}m_{112}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(10)}m_{013}^{(20)}-2m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(10)}m_{004}^{(10)}-m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(11)}m_{202}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(11)}m_{004}^{(00)}-m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(20)}m_{112}^{(21)}+m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(20)}m_{013}^{(10)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(21)}m_{202}^{(21)}-m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(21)}m_{112}^{(20)}-m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(21)}m_{013}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(22)}m_{202}^{(11)}+m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(22)}m_{112}^{(10)}+m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(00)}m_{022}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(00)}m_{013}^{(11)}-m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(10)}m_{121}^{(22)}-m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(10)}m_{022}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(10)}m_{013}^{(10)}+m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(11)}m_{211}^{(22)}-m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(11)}m_{013}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(20)}m_{121}^{(21)}-m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(20)}m_{022}^{(10)}-2m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(21)}m_{211}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(21)}m_{121}^{(20)}+m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(21)}m_{022}^{(00)}+m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(22)}m_{211}^{(11)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(22)}m_{121}^{(10)}+m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(00)}m_{112}^{(21)}-m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(00)}m_{103}^{(11)}\\
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&+m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(11)}m_{301}^{(22)}-m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(11)}m_{103}^{(00)}+m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{211}^{(21)}\\
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&+m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(21)}m_{112}^{(00)}+m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(22)}m_{301}^{(11)}-m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(22)}m_{211}^{(10)}\\
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&+m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(10)}m_{121}^{(20)}-2m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(10)}m_{112}^{(10)}-m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(11)}m_{310}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(11)}m_{112}^{(00)}-m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(20)}m_{220}^{(21)}+m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(20)}m_{121}^{(10)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(21)}m_{310}^{(21)}-m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(21)}m_{220}^{(20)}-m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(21)}m_{121}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(22)}m_{310}^{(11)}+m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(22)}m_{220}^{(10)}-m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(00)}m_{112}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(00)}m_{103}^{(21)}+m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(10)}m_{202}^{(22)}-m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(10)}m_{103}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(20)}m_{202}^{(21)}+2m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(20)}m_{112}^{(20)}-m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(20)}m_{103}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(21)}m_{202}^{(20)}+m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(21)}m_{103}^{(00)}+m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(22)}m_{202}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(22)}m_{112}^{(00)}+m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(00)}m_{121}^{(22)}-m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(00)}m_{112}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(10)}m_{211}^{(22)}+m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(10)}m_{112}^{(20)}+m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{211}^{(21)}\\
&-2m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{121}^{(20)}+m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{112}^{(10)}+m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(21)}m_{211}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(21)}m_{112}^{(00)}-m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(22)}m_{211}^{(10)}+m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(22)}m_{121}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(00)}m_{211}^{(22)}-m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(00)}m_{202}^{(21)}-m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(10)}m_{301}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(10)}m_{202}^{(20)}+m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(20)}m_{301}^{(21)}-2m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(20)}m_{211}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(20)}m_{202}^{(10)}+m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(21)}m_{301}^{(20)}-m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(21)}m_{202}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(22)}m_{301}^{(10)}+m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(22)}m_{211}^{(00)}-m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(00)}m_{220}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(00)}m_{211}^{(21)}+m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(10)}m_{310}^{(22)}-m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(10)}m_{211}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(20)}m_{310}^{(21)}+2m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(20)}m_{220}^{(20)}-m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(20)}m_{211}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(21)}m_{310}^{(20)}+m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(21)}m_{211}^{(00)}+m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(22)}m_{310}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(22)}m_{220}^{(00)}+m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(00)}m_{112}^{(21)}-m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(00)}m_{103}^{(11)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(10)}m_{202}^{(21)}-m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(10)}m_{112}^{(20)}+2m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(10)}m_{103}^{(10)}
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&+m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(11)}m_{202}^{(20)} - m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(11)}m_{103}^{(00)} + m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(20)}m_{202}^{(11)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(20)}m_{112}^{(10)} - m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(21)}m_{202}^{(10)} + m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(21)}m_{112}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(00)}m_{121}^{(21)} + m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(00)}m_{112}^{(11)} + m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(10)}m_{211}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(10)}m_{121}^{(20)} - 2m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(10)}m_{112}^{(10)} - m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(11)}m_{211}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(11)}m_{112}^{(00)} - m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(20)}m_{211}^{(11)} + m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(20)}m_{121}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(21)}m_{211}^{(10)} - m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(21)}m_{121}^{(00)} - m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(00)}m_{211}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(00)}m_{202}^{(11)} + m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(10)}m_{301}^{(21)} + m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(10)}m_{211}^{(20)}\\
&-2m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(10)}m_{202}^{(10)} - m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(11)}m_{301}^{(20)} + m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(11)}m_{202}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(20)}m_{301}^{(11)} + m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(20)}m_{211}^{(10)} + m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(21)}m_{301}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(21)}m_{211}^{(00)} + m_{000}^{(11)}m_{100}^{(22)}m_{002}^{(00)}m_{220}^{(21)} - m_{000}^{(11)}m_{100}^{(22)}m_{002}^{(00)}m_{211}^{(11)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{002}^{(10)}m_{310}^{(21)} - m_{000}^{(11)}m_{100}^{(22)}m_{002}^{(10)}m_{220}^{(20)} + 2m_{000}^{(11)}m_{100}^{(22)}m_{002}^{(10)}m_{211}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{002}^{(11)}m_{310}^{(20)} - m_{000}^{(11)}m_{100}^{(22)}m_{002}^{(11)}m_{211}^{(00)} + m_{000}^{(11)}m_{100}^{(22)}m_{002}^{(20)}m_{310}^{(11)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{002}^{(20)}m_{220}^{(10)} - m_{000}^{(11)}m_{100}^{(22)}m_{002}^{(21)}m_{310}^{(10)} + m_{000}^{(11)}m_{100}^{(22)}m_{002}^{(21)}m_{220}^{(00)}\\
&+m_{000}^{(11)}m_{010}^{(00)}m_{200}^{(10)}m_{013}^{(22)} - m_{000}^{(11)}m_{010}^{(00)}m_{200}^{(10)}m_{004}^{(21)} - m_{000}^{(11)}m_{010}^{(00)}m_{200}^{(11)}m_{103}^{(22)}\\
&+m_{000}^{(11)}m_{010}^{(00)}m_{200}^{(11)}m_{004}^{(20)} - m_{000}^{(11)}m_{010}^{(00)}m_{200}^{(20)}m_{013}^{(21)} + m_{000}^{(11)}m_{010}^{(00)}m_{200}^{(20)}m_{004}^{(11)}\\
&+2m_{000}^{(11)}m_{010}^{(00)}m_{200}^{(21)}m_{103}^{(21)} - m_{000}^{(11)}m_{010}^{(00)}m_{200}^{(21)}m_{013}^{(20)} - m_{000}^{(11)}m_{010}^{(00)}m_{200}^{(21)}m_{004}^{(10)}\\
&-m_{000}^{(11)}m_{010}^{(00)}m_{200}^{(22)}m_{103}^{(11)} + m_{000}^{(11)}m_{010}^{(00)}m_{200}^{(22)}m_{013}^{(10)} - 2m_{000}^{(11)}m_{010}^{(00)}m_{101}^{(10)}m_{112}^{(22)}\\
&+2m_{000}^{(11)}m_{010}^{(00)}m_{101}^{(10)}m_{103}^{(21)} + 2m_{000}^{(11)}m_{010}^{(00)}m_{101}^{(11)}m_{202}^{(22)} - 2m_{000}^{(11)}m_{010}^{(00)}m_{101}^{(11)}m_{103}^{(20)}\\
&+2m_{000}^{(11)}m_{010}^{(00)}m_{101}^{(20)}m_{112}^{(21)} - 2m_{000}^{(11)}m_{010}^{(00)}m_{101}^{(20)}m_{103}^{(11)} - 4m_{000}^{(11)}m_{010}^{(00)}m_{101}^{(21)}m_{202}^{(21)}\\
&+2m_{000}^{(11)}m_{010}^{(00)}m_{101}^{(21)}m_{112}^{(20)} + 2m_{000}^{(11)}m_{010}^{(00)}m_{101}^{(21)}m_{103}^{(10)} + 2m_{000}^{(11)}m_{010}^{(00)}m_{101}^{(22)}m_{202}^{(11)}\\
&-2m_{000}^{(11)}m_{010}^{(00)}m_{101}^{(22)}m_{112}^{(10)} + m_{000}^{(11)}m_{010}^{(00)}m_{002}^{(10)}m_{211}^{(22)} - m_{000}^{(11)}m_{010}^{(00)}m_{002}^{(10)}m_{202}^{(21)}\\
&-m_{000}^{(11)}m_{010}^{(00)}m_{002}^{(11)}m_{301}^{(22)} + m_{000}^{(11)}m_{010}^{(00)}m_{002}^{(11)}m_{202}^{(20)} - m_{000}^{(11)}m_{010}^{(00)}m_{002}^{(20)}m_{211}^{(21)}\\
&+m_{000}^{(11)}m_{010}^{(00)}m_{002}^{(20)}m_{202}^{(11)} + 2m_{000}^{(11)}m_{010}^{(00)}m_{002}^{(21)}m_{301}^{(21)} - m_{000}^{(11)}m_{010}^{(00)}m_{002}^{(21)}m_{211}^{(20)}\\
&-m_{000}^{(11)}m_{010}^{(00)}m_{002}^{(21)}m_{202}^{(10)} - m_{000}^{(11)}m_{010}^{(00)}m_{002}^{(22)}m_{301}^{(11)} + m_{000}^{(11)}m_{010}^{(00)}m_{002}^{(22)}m_{211}^{(10)}\\
&-m_{000}^{(11)}m_{010}^{(10)}m_{200}^{(00)}m_{013}^{(22)} + m_{000}^{(11)}m_{010}^{(10)}m_{200}^{(00)}m_{004}^{(21)} + m_{000}^{(11)}m_{010}^{(10)}m_{200}^{(10)}m_{103}^{(22)}\\
&-m_{000}^{(11)}m_{010}^{(10)}m_{200}^{(10)}m_{004}^{(20)} - m_{000}^{(11)}m_{010}^{(10)}m_{200}^{(20)}m_{103}^{(21)} + 2m_{000}^{(11)}m_{010}^{(10)}m_{200}^{(20)}m_{013}^{(20)}\\
&-m_{000}^{(11)}m_{010}^{(10)}m_{200}^{(20)}m_{004}^{(10)} - m_{000}^{(11)}m_{010}^{(10)}m_{200}^{(21)}m_{103}^{(20)} + m_{000}^{(11)}m_{010}^{(10)}m_{200}^{(21)}m_{004}^{(00)}\\
&+m_{000}^{(11)}m_{010}^{(10)}m_{200}^{(22)}m_{103}^{(10)} - m_{000}^{(11)}m_{010}^{(10)}m_{200}^{(22)}m_{013}^{(00)} + 2m_{000}^{(11)}m_{010}^{(10)}m_{101}^{(00)}m_{112}^{(22)}\\
&-2m_{000}^{(11)}m_{010}^{(10)}m_{101}^{(00)}m_{103}^{(21)} - 2m_{000}^{(11)}m_{010}^{(10)}m_{101}^{(10)}m_{202}^{(22)} + 2m_{000}^{(11)}m_{010}^{(10)}m_{101}^{(10)}m_{103}^{(20)}\\
&+2m_{000}^{(11)}m_{010}^{(10)}m_{101}^{(20)}m_{202}^{(21)} - 4m_{000}^{(11)}m_{010}^{(10)}m_{101}^{(20)}m_{112}^{(20)} + 2m_{000}^{(11)}m_{010}^{(10)}m_{101}^{(20)}m_{103}^{(10)}\\
&+2m_{000}^{(11)}m_{010}^{(10)}m_{101}^{(21)}m_{202}^{(20)} - 2m_{000}^{(11)}m_{010}^{(10)}m_{101}^{(21)}m_{103}^{(00)} - 2m_{000}^{(11)}m_{010}^{(10)}m_{101}^{(22)}m_{202}^{(10)}\\
&+2m_{000}^{(11)}m_{010}^{(10)}m_{101}^{(22)}m_{112}^{(00)} - m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(00)}m_{211}^{(22)} + m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(00)}m_{202}^{(21)}\\
&+m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(10)}m_{301}^{(22)} - m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(10)}m_{202}^{(20)} - m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(20)}m_{301}^{(21)}\\
&+2m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(20)}m_{211}^{(20)} - m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(20)}m_{202}^{(10)} - m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(21)}m_{301}^{(20)}\\
&+m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(21)}m_{202}^{(00)} + m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(22)}m_{301}^{(10)} - m_{000}^{(11)}m_{010}^{(10)}m_{002}^{(22)}m_{211}^{(00)}\\
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&-2m_{000}^{(11)}m_{010}^{(20)}m_{200}^{(21)}m_{202}^{(21)}+m_{000}^{(11)}m_{010}^{(20)}m_{200}^{(21)}m_{112}^{(20)}+m_{000}^{(11)}m_{010}^{(20)}m_{200}^{(21)}m_{013}^{(00)}\\
&+m_{000}^{(11)}m_{010}^{(20)}m_{200}^{(22)}m_{202}^{(11)}-m_{000}^{(11)}m_{010}^{(20)}m_{200}^{(22)}m_{112}^{(10)}-2m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(00)}m_{112}^{(21)}\\
&+2m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(00)}m_{103}^{(11)}+2m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(10)}m_{211}^{(22)}+2m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(10)}m_{112}^{(20)}\\
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&+2m_{000}^{(11)}m_{010}^{(20)}m_{101}^{(22)}m_{211}^{(10)}+m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(00)}m_{211}^{(21)}-m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(00)}m_{202}^{(11)}\\
&-m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(10)}m_{310}^{(22)}-m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(10)}m_{211}^{(20)}+2m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(10)}m_{202}^{(10)}\\
&+m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(11)}m_{400}^{(22)}-m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(11)}m_{202}^{(00)}+m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(20)}m_{310}^{(21)}\\
&-m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(20)}m_{211}^{(10)}-2m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(21)}m_{400}^{(21)}+m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(21)}m_{310}^{(20)}\\
&+m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(21)}m_{211}^{(00)}+m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(22)}m_{400}^{(11)}-m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(22)}m_{310}^{(10)}\\
&+m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(00)}m_{112}^{(22)}-m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(00)}m_{103}^{(21)}-m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(10)}m_{202}^{(22)}\\
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&-m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(20)}m_{112}^{(21)}+m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(20)}m_{103}^{(11)}+2m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(21)}m_{202}^{(21)}\\
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&+2m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{112}^{(10)}+m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{310}^{(22)}-m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{112}^{(00)}\\
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&-m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(22)}m_{220}^{(10)} - m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{211}^{(21)} + m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{202}^{(11)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{310}^{(22)} + m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{211}^{(20)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{202}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(11)}m_{400}^{(22)} + m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(11)}m_{202}^{(00)} - m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{310}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{211}^{(10)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{400}^{(21)} - m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{310}^{(20)}\\
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&-m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{112}^{(20)} - m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{211}^{(21)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{121}^{(20)}\\
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&+m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(21)}m_{301}^{(20)} - m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(21)}m_{202}^{(00)} - m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(22)}m_{301}^{(10)}\\
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&+m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(22)}m_{400}^{(10)} - m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(22)}m_{310}^{(00)} + m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(00)}m_{121}^{(21)}\\
&-m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(00)}m_{112}^{(11)} - m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{211}^{(21)} - m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{121}^{(20)}\\
&+2m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{112}^{(10)} + m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(11)}m_{211}^{(20)} - m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(11)}m_{112}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(20)}m_{211}^{(11)} - m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(20)}m_{121}^{(10)} - m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(21)}m_{211}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(21)}m_{121}^{(00)} - m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{211}^{(21)} + m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{202}^{(11)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{301}^{(21)} + m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{211}^{(20)} - 2m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{202}^{(10)}\\
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&+m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(20)}m_{211}^{(10)} + m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(21)}m_{301}^{(10)} - m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(21)}m_{211}^{(00)}\\
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&+m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(21)}m_{310}^{(10)} - m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(21)}m_{220}^{(00)} + m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(00)}m_{310}^{(21)}\\
&-m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(00)}m_{301}^{(11)} - m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(10)}m_{400}^{(21)} - m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(10)}m_{310}^{(20)}\\
&+2m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(10)}m_{301}^{(10)} + m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(11)}m_{400}^{(20)} - m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(11)}m_{301}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(20)}m_{400}^{(11)} - m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(20)}m_{310}^{(10)} - m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(21)}m_{400}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(21)}m_{310}^{(00)} - m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(10)}m_{022}^{(22)} + m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(10)}m_{013}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(11)}m_{112}^{(22)} - m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(11)}m_{013}^{(20)} + m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(20)}m_{022}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(20)}m_{013}^{(11)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(21)}m_{112}^{(21)} + m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(21)}m_{022}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(21)}m_{013}^{(10)} + m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(22)}m_{112}^{(11)} - m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(22)}m_{022}^{(10)}
\end{aligned}
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\begin{aligned}
&+2m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(10)}m_{031}^{(22)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(10)}m_{022}^{(21)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(11)}m_{121}^{(22)}\\
&+2m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(11)}m_{022}^{(20)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(20)}m_{031}^{(21)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(20)}m_{022}^{(11)}\\
&+4m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(21)}m_{121}^{(21)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(21)}m_{031}^{(20)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(21)}m_{022}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(22)}m_{121}^{(11)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(22)}m_{031}^{(10)} - m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(10)}m_{040}^{(22)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(10)}m_{031}^{(21)} + m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(11)}m_{130}^{(22)} - m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(11)}m_{031}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(20)}m_{040}^{(21)} - m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(20)}m_{031}^{(11)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(21)}m_{130}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(21)}m_{040}^{(20)} + m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(21)}m_{031}^{(10)} + m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(22)}m_{130}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(22)}m_{040}^{(10)} - m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(10)}m_{022}^{(22)} + m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(10)}m_{013}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(11)}m_{112}^{(22)} - m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(11)}m_{013}^{(20)} + m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(20)}m_{022}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(20)}m_{013}^{(11)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(21)}m_{112}^{(21)} + m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(21)}m_{022}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(21)}m_{013}^{(10)} + m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(22)}m_{112}^{(11)} - m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(22)}m_{022}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(10)}m_{031}^{(22)} - m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(10)}m_{022}^{(21)} - m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(11)}m_{121}^{(22)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(11)}m_{022}^{(20)} - m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(20)}m_{031}^{(21)} + m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(20)}m_{022}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(21)}m_{121}^{(21)} - m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(21)}m_{031}^{(20)} - m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(21)}m_{022}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(22)}m_{121}^{(11)} + m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(22)}m_{031}^{(10)} + m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(00)}m_{022}^{(22)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(00)}m_{013}^{(21)} + m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(10)}m_{112}^{(22)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(10)}m_{103}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(10)}m_{013}^{(20)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(11)}m_{202}^{(22)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(11)}m_{103}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(20)}m_{112}^{(21)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(20)}m_{103}^{(11)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(20)}m_{022}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(20)}m_{013}^{(10)} + 4m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(21)}m_{202}^{(21)} - m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(21)}m_{112}^{(20)}\\
&-2m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(21)}m_{103}^{(10)} - m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(21)}m_{013}^{(00)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(22)}m_{202}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(22)}m_{112}^{(10)} + m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(22)}m_{022}^{(00)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(00)}m_{031}^{(22)}\\
&+2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(00)}m_{022}^{(21)} - m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(10)}m_{121}^{(22)} + 3m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(10)}m_{112}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(10)}m_{022}^{(20)} + 3m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(11)}m_{211}^{(22)} - 3m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(11)}m_{112}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(20)}m_{121}^{(21)} - 3m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(20)}m_{112}^{(11)} + 4m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(20)}m_{031}^{(20)}\\
&-2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(20)}m_{022}^{(10)} - 6m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(21)}m_{211}^{(21)} + m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(21)}m_{121}^{(20)}\\
&+3m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(21)}m_{112}^{(10)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(21)}m_{022}^{(00)} + 3m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(22)}m_{211}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(22)}m_{121}^{(10)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(22)}m_{031}^{(00)} + m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(00)}m_{040}^{(22)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(00)}m_{031}^{(21)} - m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(10)}m_{121}^{(21)} + m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(10)}m_{031}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(11)}m_{220}^{(22)} + m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(11)}m_{121}^{(20)} + m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(20)}m_{121}^{(11)}\\
&-2m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(20)}m_{040}^{(20)} + m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(20)}m_{031}^{(10)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(21)}m_{220}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(21)}m_{121}^{(10)} - m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(21)}m_{031}^{(00)} - m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(22)}m_{220}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(22)}m_{040}^{(00)} + m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(00)}m_{022}^{(22)} - m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(00)}m_{013}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(10)}m_{112}^{(22)} + m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(10)}m_{013}^{(20)} + m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(20)}m_{112}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(20)}m_{022}^{(20)} + m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(20)}m_{013}^{(10)} + m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(21)}m_{112}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(21)}m_{013}^{(00)} - m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(22)}m_{112}^{(10)} + m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(22)}m_{022}^{(00)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(00)}m_{031}^{(22)} + m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(00)}m_{022}^{(21)} + m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(10)}m_{121}^{(22)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(10)}m_{022}^{(20)} - m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(20)}m_{121}^{(21)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(20)}m_{031}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(20)}m_{022}^{(10)} - m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(21)}m_{121}^{(20)} + m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(21)}m_{022}^{(00)}
\end{aligned}
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$$+m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(22)}m_{121}^{(10)} - m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(22)}m_{031}^{(00)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(00)}m_{112}^{(22)}$$
$$+2m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(00)}m_{103}^{(21)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(10)}m_{202}^{(22)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(10)}m_{103}^{(20)}$$
$$-2m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(20)}m_{202}^{(21)} + 4m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(20)}m_{112}^{(20)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(20)}m_{103}^{(10)}$$
$$-2m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(21)}m_{202}^{(20)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(21)}m_{103}^{(00)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(22)}m_{202}^{(10)}$$
$$-2m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(22)}m_{112}^{(00)} + 3m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(00)}m_{121}^{(22)} - 3m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(00)}m_{112}^{(21)}$$
$$-3m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(10)}m_{211}^{(22)} + 3m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(10)}m_{112}^{(20)} + 3m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(20)}m_{211}^{(21)}$$
$$-6m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(20)}m_{121}^{(20)} + 3m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(20)}m_{112}^{(10)} + 3m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(21)}m_{211}^{(20)}$$
$$-3m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(21)}m_{112}^{(00)} - 3m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(22)}m_{211}^{(10)} + 3m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(22)}m_{121}^{(00)}$$
$$-m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(00)}m_{130}^{(22)} + m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(00)}m_{121}^{(21)} + m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(10)}m_{220}^{(22)}$$
$$-m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(10)}m_{121}^{(20)} - m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(20)}m_{220}^{(21)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(20)}m_{130}^{(20)}$$
$$-m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(20)}m_{121}^{(10)} - m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(21)}m_{220}^{(20)} + m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(21)}m_{121}^{(00)}$$
$$+m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(22)}m_{220}^{(10)} - m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(22)}m_{130}^{(00)} + m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(10)}m_{031}^{(22)}$$
$$-m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(10)}m_{022}^{(21)} - m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(11)}m_{121}^{(22)} + m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(11)}m_{022}^{(20)}$$
$$-m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(20)}m_{031}^{(21)} + m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(20)}m_{022}^{(11)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(21)}m_{121}^{(21)}$$
$$-m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(21)}m_{031}^{(20)} - m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(21)}m_{022}^{(10)} - m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(22)}m_{121}^{(11)}$$
$$+m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(22)}m_{031}^{(10)} - m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(10)}m_{040}^{(22)} + m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(10)}m_{031}^{(21)}$$
$$+m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(11)}m_{130}^{(22)} - m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(11)}m_{031}^{(20)} + m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(20)}m_{040}^{(21)}$$
$$-m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(20)}m_{031}^{(11)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(21)}m_{130}^{(21)} + m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(21)}m_{040}^{(20)}$$
$$+m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(21)}m_{031}^{(10)} + m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(22)}m_{130}^{(11)} - m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(22)}m_{040}^{(10)}$$
$$-m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(00)}m_{022}^{(21)} + m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(00)}m_{013}^{(11)} - m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(10)}m_{121}^{(22)}$$
$$+2m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(10)}m_{112}^{(21)} + m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(10)}m_{022}^{(20)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(10)}m_{013}^{(10)}$$
$$+m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(11)}m_{211}^{(22)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(11)}m_{112}^{(20)} + m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(11)}m_{013}^{(00)}$$
$$+m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(20)}m_{121}^{(21)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(20)}m_{112}^{(11)} + m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(20)}m_{022}^{(10)}$$
$$-2m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(21)}m_{211}^{(21)} + m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(21)}m_{121}^{(20)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(21)}m_{112}^{(10)}$$
$$-m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(21)}m_{022}^{(00)} + m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(22)}m_{211}^{(11)} - m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(22)}m_{121}^{(10)}$$
$$+2m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(00)}m_{031}^{(21)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(00)}m_{022}^{(11)} + m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(10)}m_{130}^{(22)}$$
$$-3m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(10)}m_{121}^{(21)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(10)}m_{031}^{(20)} + 4m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(10)}m_{022}^{(10)}$$
$$-m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(11)}m_{220}^{(22)} + 3m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(11)}m_{121}^{(20)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(11)}m_{022}^{(00)}$$
$$-m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(20)}m_{130}^{(21)} + 3m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(20)}m_{121}^{(11)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(20)}m_{031}^{(10)}$$
$$+2m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(21)}m_{220}^{(21)} - m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(21)}m_{130}^{(20)} - 3m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(21)}m_{121}^{(10)}$$
$$+2m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(21)}m_{031}^{(00)} - m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(22)}m_{220}^{(11)} + m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(22)}m_{130}^{(10)}$$
$$-m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(00)}m_{040}^{(21)} + m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(00)}m_{031}^{(11)} + m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(10)}m_{130}^{(21)}$$
$$+m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(10)}m_{040}^{(20)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(10)}m_{031}^{(10)} - m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(11)}m_{130}^{(20)}$$
$$+m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(11)}m_{031}^{(00)} - m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(20)}m_{130}^{(11)} + m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(20)}m_{040}^{(10)}$$
$$+m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(21)}m_{130}^{(10)} - m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(21)}m_{040}^{(00)} - m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(00)}m_{031}^{(22)}$$
$$+m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(00)}m_{013}^{(11)} + m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(10)}m_{121}^{(22)} + m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(10)}m_{112}^{(21)}$$
$$-2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(10)}m_{013}^{(10)} - m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(11)}m_{112}^{(20)} + m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(11)}m_{013}^{(00)}$$
$$-m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(20)}m_{121}^{(21)} - m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(20)}m_{112}^{(11)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(20)}m_{031}^{(20)}$$

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\begin{aligned}
&-m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{121}^{(20)} + m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{112}^{(10)} + m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(22)}m_{121}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(22)}m_{031}^{(00)} + m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(00)}m_{040}^{(22)} - m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(00)}m_{022}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(10)}m_{130}^{(22)} - m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(10)}m_{121}^{(21)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(10)}m_{022}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{121}^{(20)} - m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{022}^{(00)} + m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(20)}m_{130}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(20)}m_{121}^{(11)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(20)}m_{040}^{(20)} + m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{130}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{121}^{(10)} - m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(22)}m_{130}^{(10)} + m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(22)}m_{040}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(00)}m_{121}^{(22)} + m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(00)}m_{112}^{(21)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(00)}m_{103}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(10)}m_{211}^{(22)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(10)}m_{202}^{(21)} - m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(10)}m_{112}^{(20)}\\
&+4m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(10)}m_{103}^{(10)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(11)}m_{202}^{(20)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(11)}m_{103}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{211}^{(21)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{202}^{(11)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{121}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{112}^{(10)} + m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(21)}m_{211}^{(20)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(21)}m_{202}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(21)}m_{112}^{(00)} - m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(22)}m_{211}^{(10)} + m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(22)}m_{121}^{(00)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(00)}m_{130}^{(22)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(00)}m_{121}^{(21)} + 3m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(00)}m_{112}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{220}^{(22)} + 3m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{211}^{(21)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{121}^{(20)}\\
&-6m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{112}^{(10)} - 3m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(11)}m_{211}^{(20)} + 3m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(11)}m_{112}^{(00)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(20)}m_{220}^{(21)} - 3m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(20)}m_{211}^{(11)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(20)}m_{130}^{(20)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(20)}m_{121}^{(10)} - m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(21)}m_{220}^{(20)} + 3m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(21)}m_{211}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(21)}m_{121}^{(00)} + m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(22)}m_{220}^{(10)} - m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(22)}m_{130}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(00)}m_{130}^{(21)} - m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(00)}m_{121}^{(11)} - m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(10)}m_{220}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(10)}m_{130}^{(20)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(10)}m_{121}^{(10)} + m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(11)}m_{220}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(11)}m_{121}^{(00)} + m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(20)}m_{220}^{(11)} - m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(20)}m_{130}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(21)}m_{220}^{(10)} + m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(21)}m_{130}^{(00)} + m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(00)}m_{031}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(00)}m_{022}^{(11)} - m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(10)}m_{121}^{(21)} - m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(10)}m_{031}^{(20)}\\
&+2m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(10)}m_{022}^{(10)} + m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(11)}m_{121}^{(20)} - m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(11)}m_{022}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(20)}m_{121}^{(11)} - m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(20)}m_{031}^{(10)} - m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(21)}m_{121}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(21)}m_{031}^{(00)} - m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(00)}m_{040}^{(21)} + m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(00)}m_{031}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(10)}m_{130}^{(21)} + m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(10)}m_{040}^{(20)} - 2m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(10)}m_{031}^{(10)}\\
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&+m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(20)}m_{040}^{(10)} + m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(21)}m_{130}^{(10)} - m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(21)}m_{040}^{(00)}\\
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&+m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(10)}m_{121}^{(20)} - 2m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(10)}m_{112}^{(10)} - m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(11)}m_{211}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(11)}m_{112}^{(00)} - m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(20)}m_{211}^{(11)} + m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(20)}m_{121}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(21)}m_{211}^{(10)} - m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(21)}m_{121}^{(00)} + m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(00)}m_{130}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(00)}m_{121}^{(11)} - m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(10)}m_{220}^{(21)} - m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(10)}m_{130}^{(20)}\\
&+2m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(10)}m_{121}^{(10)} + m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(11)}m_{220}^{(20)} - m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(11)}m_{121}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(20)}m_{220}^{(11)} - m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(20)}m_{130}^{(10)} - m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(21)}m_{220}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(21)}m_{130}^{(00)} + m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(10)}m_{022}^{(22)} - m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(10)}m_{013}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(11)}m_{112}^{(22)} + m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(11)}m_{013}^{(20)} - m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(20)}m_{022}^{(21)}
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&+m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(20)}m_{013}^{(11)}+2m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(21)}m_{112}^{(21)}-m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(21)}m_{022}^{(20)}\\
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&-2m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(21)}m_{121}^{(21)}+m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(21)}m_{031}^{(20)}+m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(21)}m_{022}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(22)}m_{121}^{(11)}-m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(22)}m_{031}^{(10)}-m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(10)}m_{121}^{(22)}\\
&+m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(10)}m_{112}^{(21)}+m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(11)}m_{211}^{(22)}-m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(11)}m_{112}^{(20)}\\
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&+m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{121}^{(20)}+m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{112}^{(10)}+m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(22)}m_{211}^{(11)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(22)}m_{121}^{(10)}+m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(10)}m_{130}^{(22)}-m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(10)}m_{121}^{(21)}\\
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&+m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(20)}m_{121}^{(11)}+2m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(21)}m_{220}^{(21)}-m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(21)}m_{130}^{(20)}\\
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&+m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(10)}m_{022}^{(22)}-m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(10)}m_{013}^{(21)}-m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(11)}m_{112}^{(22)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(11)}m_{013}^{(20)}-m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(20)}m_{022}^{(21)}+m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(20)}m_{013}^{(11)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(21)}m_{112}^{(21)}-m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(21)}m_{022}^{(20)}-m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(21)}m_{013}^{(10)}\\
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&+m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(20)}m_{112}^{(21)}-2m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(20)}m_{103}^{(11)}+2m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(20)}m_{022}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(20)}m_{013}^{(10)}-4m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{202}^{(21)}+m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{112}^{(20)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{103}^{(10)}+m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{013}^{(00)}+2m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{202}^{(11)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{112}^{(10)}-m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{022}^{(00)}+m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(00)}m_{031}^{(22)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(00)}m_{022}^{(21)}-m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(10)}m_{121}^{(22)}+m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(10)}m_{022}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(20)}m_{121}^{(21)}-2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(20)}m_{031}^{(20)}+m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(20)}m_{022}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{121}^{(20)}-m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{022}^{(00)}-m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(22)}m_{121}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(22)}m_{031}^{(00)}+m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(00)}m_{121}^{(22)}-m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(00)}m_{112}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{211}^{(22)}-2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{202}^{(21)}+m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{112}^{(20)}\\
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&+2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{202}^{(11)}-2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{121}^{(20)}+m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{112}^{(10)}\\
&+4m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{301}^{(21)}-m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{211}^{(20)}-2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{202}^{(10)}\\
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&+m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(22)}m_{121}^{(00)}-m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(00)}m_{130}^{(22)}+m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(00)}m_{121}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{211}^{(21)}-m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{121}^{(20)}+m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(11)}m_{310}^{(22)}\\
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&+m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(21)}m_{121}^{(00)}+m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(22)}m_{310}^{(11)}-m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(22)}m_{130}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(00)}m_{022}^{(22)}+m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(00)}m_{013}^{(21)}+m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(10)}m_{112}^{(22)}
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&-m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(10)}m_{013}^{(20)} - m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(20)}m_{112}^{(21)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(20)}m_{022}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(20)}m_{013}^{(10)} - m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(21)}m_{112}^{(20)} + m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(21)}m_{013}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(22)}m_{112}^{(10)} - m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(22)}m_{022}^{(00)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(00)}m_{112}^{(22)}\\
&-2m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(00)}m_{103}^{(21)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(10)}m_{202}^{(22)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(10)}m_{103}^{(20)}\\
&+2m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(20)}m_{202}^{(21)} - 4m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(20)}m_{112}^{(20)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(20)}m_{103}^{(10)}\\
&+2m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(21)}m_{202}^{(20)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(21)}m_{103}^{(00)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(22)}m_{202}^{(10)}\\
&+2m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(22)}m_{112}^{(00)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(00)}m_{211}^{(22)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(00)}m_{202}^{(21)}\\
&+2m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(10)}m_{301}^{(22)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(10)}m_{202}^{(20)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(20)}m_{301}^{(21)}\\
&+4m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(20)}m_{211}^{(20)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(20)}m_{202}^{(10)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(21)}m_{301}^{(20)}\\
&+2m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(21)}m_{202}^{(00)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(22)}m_{301}^{(10)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(22)}m_{211}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(00)}m_{220}^{(22)} - m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(00)}m_{211}^{(21)} - m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(10)}m_{310}^{(22)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(10)}m_{211}^{(20)} + m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(20)}m_{310}^{(21)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(20)}m_{220}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(20)}m_{211}^{(10)} + m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(21)}m_{310}^{(20)} - m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(21)}m_{211}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(22)}m_{310}^{(10)} + m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(22)}m_{220}^{(00)} - m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(10)}m_{031}^{(22)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(10)}m_{022}^{(21)} + m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(11)}m_{121}^{(22)} - m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(11)}m_{022}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(20)}m_{031}^{(21)} - m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(20)}m_{022}^{(11)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(21)}m_{121}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(21)}m_{031}^{(20)} + m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(21)}m_{022}^{(10)} + m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(22)}m_{121}^{(11)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(22)}m_{031}^{(10)} + m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(00)}m_{022}^{(21)} - m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(00)}m_{013}^{(11)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(10)}m_{121}^{(22)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(10)}m_{112}^{(21)} - m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(10)}m_{022}^{(20)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(10)}m_{013}^{(10)} - m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(11)}m_{211}^{(22)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(11)}m_{112}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(11)}m_{013}^{(00)} - m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(20)}m_{121}^{(21)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(20)}m_{112}^{(11)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(20)}m_{022}^{(10)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{211}^{(21)} - m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{121}^{(20)}\\
&-2m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{112}^{(10)} + m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{022}^{(00)} - m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(22)}m_{211}^{(11)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(22)}m_{121}^{(10)} - m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(00)}m_{031}^{(21)} + m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(00)}m_{022}^{(11)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(10)}m_{130}^{(22)} + m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(10)}m_{031}^{(20)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(10)}m_{022}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(11)}m_{220}^{(22)} + m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(11)}m_{022}^{(00)} - m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(20)}m_{130}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(20)}m_{031}^{(10)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{220}^{(21)} - m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{130}^{(20)}\\
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&+2m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{211}^{(21)} + m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{121}^{(20)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{112}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(11)}m_{310}^{(22)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(11)}m_{211}^{(20)} + m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(11)}m_{112}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(20)}m_{220}^{(21)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(20)}m_{211}^{(11)} + m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(20)}m_{121}^{(10)}\\
&-2m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{310}^{(21)} + m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{220}^{(20)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{211}^{(10)}\\
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&-m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(00)}m_{013}^{(11)} - m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(10)}m_{121}^{(22)} - m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(10)}m_{112}^{(21)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(10)}m_{013}^{(10)} + m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(11)}m_{112}^{(20)} - m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(11)}m_{013}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(20)}m_{121}^{(21)} + m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(20)}m_{112}^{(11)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(20)}m_{031}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{121}^{(20)} - m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{112}^{(10)} - m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(22)}m_{121}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(22)}m_{031}^{(00)} - m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(00)}m_{121}^{(22)} - m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(00)}m_{112}^{(21)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(00)}m_{103}^{(11)} + m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{211}^{(22)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{202}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{112}^{(20)} - 4m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{103}^{(10)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(11)}m_{202}^{(20)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(11)}m_{103}^{(00)} - m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{211}^{(21)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{202}^{(11)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{121}^{(20)} + m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{112}^{(10)} - m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{211}^{(20)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{202}^{(10)} - m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{112}^{(00)} + m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(22)}m_{211}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(22)}m_{121}^{(00)} - m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(00)}m_{130}^{(22)} + m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(00)}m_{121}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{220}^{(22)} - m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{121}^{(20)} - m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{220}^{(21)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{130}^{(20)} - m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{121}^{(10)} - m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{220}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{121}^{(00)} + m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(22)}m_{220}^{(10)} - m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(22)}m_{130}^{(00)}\\
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&+4m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{202}^{(10)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(11)}m_{301}^{(20)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(11)}m_{202}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{310}^{(21)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{301}^{(11)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{220}^{(20)}\\
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&+m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{211}^{(00)} - m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(22)}m_{310}^{(10)} + m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(22)}m_{220}^{(00)}\\
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&+m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(10)}m_{220}^{(20)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(10)}m_{211}^{(10)} - m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(11)}m_{310}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(11)}m_{211}^{(00)} - m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(20)}m_{310}^{(11)} + m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(20)}m_{220}^{(10)}\\
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&+m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(00)}m_{211}^{(11)} + m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{310}^{(21)} + m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{220}^{(20)}\\
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&-m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(21)}m_{220}^{(00)} - m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(10)}m_{031}^{(22)} + m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(10)}m_{022}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(11)}m_{121}^{(22)} - m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(11)}m_{022}^{(20)} + m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(20)}m_{031}^{(21)}\\
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&+m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{022}^{(10)} + m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(22)}m_{121}^{(11)} - m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(22)}m_{031}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{101}^{(10)}m_{040}^{(22)} - m_{000}^{(20)}m_{001}^{(00)}m_{101}^{(10)}m_{031}^{(21)} - m_{000}^{(20)}m_{001}^{(00)}m_{101}^{(11)}m_{130}^{(22)}\\
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&+2m_{000}^{(20)}m_{001}^{(00)}m_{101}^{(21)}m_{130}^{(21)} - m_{000}^{(20)}m_{001}^{(00)}m_{101}^{(21)}m_{040}^{(20)} - m_{000}^{(20)}m_{001}^{(00)}m_{101}^{(21)}m_{031}^{(10)}\\
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&+m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{220}^{(22)} - m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{121}^{(20)} + m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(20)}m_{130}^{(21)}\\
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&-m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(11)}m_{022}^{(20)} + m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(20)}m_{031}^{(21)} - m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(20)}m_{022}^{(11)}\\
&-2m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(21)}m_{121}^{(21)} + m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(21)}m_{031}^{(20)} + m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(21)}m_{022}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(22)}m_{121}^{(11)} - m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(22)}m_{031}^{(10)} + m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(00)}m_{031}^{(22)}\\
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&+m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{022}^{(20)} - 3m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(11)}m_{211}^{(22)} + 3m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(11)}m_{112}^{(20)}\\
&-2m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{121}^{(21)} + 3m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{112}^{(11)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{031}^{(20)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{022}^{(10)} + 6m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{211}^{(21)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{121}^{(20)}\\
&-3m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{112}^{(10)} - m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{022}^{(00)} - 3m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{211}^{(11)}\\
&+2m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{121}^{(10)} + m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{031}^{(00)} - m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(00)}m_{040}^{(22)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(00)}m_{031}^{(21)} + m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{121}^{(21)} - m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{031}^{(20)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{220}^{(22)} - m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{121}^{(20)} - m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{121}^{(11)}\\
&+2m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{040}^{(20)} - m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{031}^{(10)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{220}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{121}^{(10)} + m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{031}^{(00)} + m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(22)}m_{220}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(22)}m_{040}^{(00)} - m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(00)}m_{121}^{(22)} + m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(00)}m_{112}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{211}^{(22)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{202}^{(21)} - m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{112}^{(20)}\\
&+2m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(11)}m_{301}^{(22)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(11)}m_{202}^{(20)} + m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{211}^{(21)}\\
&-2m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{202}^{(11)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{121}^{(20)} - m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{112}^{(10)}\\
&-4m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{301}^{(21)} + m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{211}^{(20)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{202}^{(10)}\\
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&-m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(22)}m_{121}^{(00)} + m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(00)}m_{130}^{(22)} - m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(00)}m_{121}^{(21)}\\
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&+m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{211}^{(20)} + m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{211}^{(11)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{130}^{(20)}
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&+m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{121}^{(10)}+2m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{310}^{(21)}-m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{211}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{121}^{(00)}-m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(22)}m_{310}^{(11)}+m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(22)}m_{130}^{(00)}\\
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&+2m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{220}^{(22)}-3m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{121}^{(20)}+m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{022}^{(00)}\\
&+2m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(20)}m_{130}^{(21)}-3m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(20)}m_{121}^{(11)}+m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(20)}m_{031}^{(10)}\\
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&-m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{031}^{(00)}+2m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(22)}m_{220}^{(11)}-2m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(22)}m_{130}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(00)}m_{040}^{(21)}-m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(00)}m_{031}^{(11)}-m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{130}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{040}^{(20)}+2m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{031}^{(10)}+m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{130}^{(20)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{031}^{(00)}+m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(20)}m_{130}^{(11)}-m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(20)}m_{040}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(21)}m_{130}^{(10)}+m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(21)}m_{040}^{(00)}+m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(00)}m_{121}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(00)}m_{112}^{(21)}+m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{220}^{(22)}-2m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{211}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{121}^{(20)}+2m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{112}^{(10)}-m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(11)}m_{310}^{(22)}\\
&+2m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(11)}m_{211}^{(20)}-m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{112}^{(00)}-m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{220}^{(21)}\\
&+2m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{211}^{(11)}-m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{121}^{(10)}+2m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{310}^{(21)}
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&-m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{220}^{(20)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{211}^{(10)} + m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{121}^{(00)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(22)}m_{310}^{(11)} + m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(22)}m_{220}^{(10)} - m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(00)}m_{130}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(00)}m_{121}^{(11)} + m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{220}^{(21)} + m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{130}^{(20)}\\
&-2m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{121}^{(10)} - m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{220}^{(20)} + m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{121}^{(00)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(20)}m_{220}^{(11)} + m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(20)}m_{130}^{(10)} + m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(21)}m_{220}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(21)}m_{130}^{(00)} - m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(00)}m_{040}^{(22)} + m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(00)}m_{022}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{130}^{(22)} + m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{121}^{(21)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{022}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{121}^{(20)} + m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{022}^{(00)} - m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{130}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{121}^{(11)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{040}^{(20)} - m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{130}^{(20)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{121}^{(10)} + m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(22)}m_{130}^{(10)} - m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(22)}m_{040}^{(00)}\\
&+2m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{130}^{(22)} + m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{121}^{(21)} - 3m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{112}^{(11)}\\
&-2m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{220}^{(22)} - 3m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{211}^{(21)} - m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{121}^{(20)}\\
&+6m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{112}^{(10)} + 3m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{211}^{(20)} - 3m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{112}^{(00)}\\
&+2m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{220}^{(21)} + 3m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{211}^{(11)} - 4m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{130}^{(20)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{121}^{(10)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{220}^{(20)} - 3m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{211}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{121}^{(00)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(22)}m_{220}^{(10)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(22)}m_{130}^{(00)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(00)}m_{130}^{(21)} + m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(00)}m_{121}^{(11)} + m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{220}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{130}^{(20)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{121}^{(10)} - m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{220}^{(20)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{121}^{(00)} - m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(20)}m_{220}^{(11)} + m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(20)}m_{130}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(21)}m_{220}^{(10)} - m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(00)}m_{130}^{(21)} - m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{220}^{(22)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{211}^{(21)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{202}^{(11)} + m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{310}^{(22)}\\
&+2m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{301}^{(21)} + m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{211}^{(20)} - 4m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{202}^{(10)}\\
&-2m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(11)}m_{301}^{(20)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(11)}m_{202}^{(00)} - m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{310}^{(21)}\\
&-2m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{301}^{(11)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{220}^{(20)} + m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{211}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{310}^{(20)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{301}^{(10)} - m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{211}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(22)}m_{310}^{(10)} - m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(22)}m_{220}^{(00)} + m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{220}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{211}^{(11)} - m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{310}^{(21)} - m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{220}^{(20)}\\
&+2m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{211}^{(10)} + m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{310}^{(20)} - m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{211}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(20)}m_{310}^{(11)} - m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(20)}m_{220}^{(10)} - m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(21)}m_{310}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(21)}m_{220}^{(00)} + m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(00)}m_{040}^{(21)} - m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(00)}m_{031}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{130}^{(21)} - m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{040}^{(20)} + 2m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{031}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{130}^{(20)} - m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{031}^{(00)} + m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(20)}m_{130}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(20)}m_{040}^{(10)} - m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(21)}m_{130}^{(10)} + m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(21)}m_{040}^{(00)}\\
&-2m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{130}^{(21)} + 2m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{121}^{(11)} + 2m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{220}^{(21)}\\
&+2m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{130}^{(20)} - 4m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{121}^{(10)} - 2m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{220}^{(20)}\\
&+2m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{121}^{(00)} - 2m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(20)}m_{220}^{(11)} + 2m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(20)}m_{130}^{(10)}\\
&+2m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(21)}m_{220}^{(10)} - 2m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(21)}m_{130}^{(00)} + m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{220}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{211}^{(11)} - m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{310}^{(21)} - m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{220}^{(20)}
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&+2m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{211}^{(10)}+m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(11)}m_{310}^{(20)}-m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(11)}m_{211}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(20)}m_{310}^{(11)}-m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(20)}m_{220}^{(10)}-m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(21)}m_{310}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(21)}m_{220}^{(00)}+2m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(10)}m_{022}^{(22)}-2m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(10)}m_{013}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(11)}m_{112}^{(22)}+2m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(11)}m_{013}^{(20)}-2m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(20)}m_{022}^{(21)}\\
&+2m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(20)}m_{013}^{(11)}+4m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(21)}m_{112}^{(21)}-2m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(21)}m_{022}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(21)}m_{013}^{(10)}-2m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(22)}m_{112}^{(11)}+2m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(22)}m_{022}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(10)}m_{031}^{(22)}+2m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(10)}m_{022}^{(21)}+2m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(11)}m_{121}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(11)}m_{022}^{(20)}+2m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(20)}m_{031}^{(21)}-2m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(20)}m_{022}^{(11)}\\
&-4m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(21)}m_{121}^{(21)}+2m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(20)}m_{031}^{(21)}+2m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(21)}m_{022}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(22)}m_{121}^{(11)}-2m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(22)}m_{031}^{(10)}-m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(10)}m_{112}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(10)}m_{103}^{(21)}+m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(11)}m_{202}^{(22)}-m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(11)}m_{103}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(20)}m_{112}^{(21)}-m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(20)}m_{103}^{(11)}-2m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(21)}m_{202}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(21)}m_{112}^{(20)}+m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(21)}m_{103}^{(10)}+m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(22)}m_{202}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(22)}m_{112}^{(10)}+m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(10)}m_{130}^{(22)}-m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(10)}m_{121}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(11)}m_{220}^{(22)}+m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(11)}m_{121}^{(20)}-m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(20)}m_{130}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(20)}m_{121}^{(11)}+2m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(21)}m_{220}^{(21)}-m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(21)}m_{130}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(21)}m_{121}^{(10)}-m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(22)}m_{220}^{(11)}+m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(22)}m_{130}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(00)}m_{022}^{(22)}+2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(00)}m_{013}^{(21)}+m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(10)}m_{112}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(10)}m_{103}^{(21)}-2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(10)}m_{013}^{(20)}+m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(11)}m_{202}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(11)}m_{103}^{(20)}-m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(20)}m_{112}^{(21)}-m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(20)}m_{103}^{(11)}\\
&+4m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(20)}m_{022}^{(20)}-2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(20)}m_{013}^{(10)}-2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(21)}m_{202}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(21)}m_{112}^{(20)}+m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(21)}m_{103}^{(10)}+2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(21)}m_{013}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(22)}m_{202}^{(11)}+m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(22)}m_{112}^{(10)}-2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(22)}m_{022}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(00)}m_{031}^{(22)}-2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(00)}m_{022}^{(21)}-m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(10)}m_{121}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(10)}m_{112}^{(21)}+2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(10)}m_{022}^{(20)}-m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(11)}m_{211}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(11)}m_{112}^{(20)}+m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(20)}m_{121}^{(21)}+m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(20)}m_{112}^{(11)}\\
&-4m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(20)}m_{031}^{(20)}+2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(20)}m_{022}^{(10)}+2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(21)}m_{211}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(21)}m_{121}^{(20)}-m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(21)}m_{112}^{(10)}-2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(21)}m_{022}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(22)}m_{211}^{(11)}-m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(22)}m_{121}^{(10)}+2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(22)}m_{031}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(00)}m_{112}^{(22)}-m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(00)}m_{103}^{(21)}-m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(10)}m_{202}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(10)}m_{103}^{(20)}+m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(20)}m_{202}^{(21)}-2m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(20)}m_{112}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(20)}m_{103}^{(10)}+m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(21)}m_{202}^{(20)}-m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(21)}m_{103}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(22)}m_{202}^{(10)}+m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(22)}m_{112}^{(00)}+m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(10)}m_{211}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(10)}m_{202}^{(21)}-m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(11)}m_{301}^{(22)}+m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(11)}m_{202}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(20)}m_{211}^{(21)}+m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(20)}m_{202}^{(11)}+2m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(21)}m_{301}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(21)}m_{211}^{(20)}-m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(21)}m_{202}^{(10)}-m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(22)}m_{301}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(22)}m_{211}^{(10)}-m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(00)}m_{130}^{(22)}+m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(00)}m_{121}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(10)}m_{211}^{(21)}-m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(10)}m_{121}^{(20)}+m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(11)}m_{310}^{(22)}
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&-m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(11)}m_{211}^{(20)} - m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(20)}m_{211}^{(11)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(20)}m_{130}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(20)}m_{121}^{(10)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(21)}m_{310}^{(21)} + m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(21)}m_{211}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(21)}m_{121}^{(00)} + m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(22)}m_{310}^{(11)} - m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(22)}m_{130}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(00)}m_{112}^{(22)} - m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(00)}m_{103}^{(21)} - m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(10)}m_{202}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(10)}m_{103}^{(20)} + m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(20)}m_{202}^{(21)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(20)}m_{112}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(20)}m_{103}^{(10)} + m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(21)}m_{202}^{(20)} - m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(21)}m_{103}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(22)}m_{202}^{(10)} + m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(22)}m_{112}^{(00)} - m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(00)}m_{121}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(00)}m_{112}^{(21)} + m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(10)}m_{211}^{(22)} - m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(10)}m_{112}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(20)}m_{211}^{(21)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(20)}m_{121}^{(20)} - m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(20)}m_{112}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(21)}m_{211}^{(20)} + m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(21)}m_{112}^{(00)} + m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(22)}m_{211}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(22)}m_{121}^{(00)} - m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(00)}m_{211}^{(22)} + m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(00)}m_{202}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(10)}m_{301}^{(22)} - m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(10)}m_{202}^{(20)} - m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(20)}m_{301}^{(21)}\\
&+2m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(20)}m_{211}^{(20)} - m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(20)}m_{202}^{(10)} - m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(21)}m_{301}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(21)}m_{202}^{(00)} + m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(22)}m_{301}^{(10)} - m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(22)}m_{211}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(00)}m_{220}^{(22)} - m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(00)}m_{211}^{(21)} - m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(10)}m_{310}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(10)}m_{211}^{(20)} + m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(20)}m_{310}^{(21)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(20)}m_{220}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(20)}m_{211}^{(10)} + m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(21)}m_{310}^{(20)} - m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(21)}m_{211}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(22)}m_{310}^{(10)} + m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(22)}m_{220}^{(00)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(00)}m_{110}^{(21)}m_{022}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(00)}m_{013}^{(11)} - m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(10)}m_{121}^{(22)} - m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(10)}m_{112}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(10)}m_{022}^{(20)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(10)}m_{013}^{(10)} + m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(11)}m_{211}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(11)}m_{112}^{(20)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(11)}m_{013}^{(00)} + m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(20)}m_{121}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(20)}m_{112}^{(11)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(20)}m_{022}^{(10)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(21)}m_{211}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(21)}m_{121}^{(20)} - m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(21)}m_{112}^{(10)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(21)}m_{022}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(22)}m_{211}^{(11)} - m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(22)}m_{121}^{(10)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(00)}m_{031}^{(21)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(00)}m_{022}^{(11)} + m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(10)}m_{130}^{(22)} + m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(10)}m_{121}^{(21)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(10)}m_{031}^{(20)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(10)}m_{022}^{(10)} - m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(11)}m_{220}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(11)}m_{121}^{(20)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(11)}m_{022}^{(00)} - m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(20)}m_{130}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(20)}m_{121}^{(11)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(20)}m_{031}^{(10)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(21)}m_{220}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(21)}m_{130}^{(20)} + m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(21)}m_{121}^{(10)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(21)}m_{031}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(22)}m_{220}^{(11)} + m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(22)}m_{130}^{(10)} - m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(00)}m_{112}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(00)}m_{103}^{(11)} + m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(10)}m_{211}^{(22)} + m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(10)}m_{112}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(10)}m_{103}^{(10)} - m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(11)}m_{301}^{(22)} + m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(11)}m_{103}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(20)}m_{211}^{(21)} + m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(20)}m_{112}^{(10)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(21)}m_{301}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(21)}m_{211}^{(20)} - m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(21)}m_{112}^{(00)} - m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(22)}m_{301}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(22)}m_{211}^{(10)} - m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(10)}m_{220}^{(22)} + m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(10)}m_{211}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(11)}m_{310}^{(22)} - m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(11)}m_{211}^{(20)} + m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(20)}m_{220}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(20)}m_{211}^{(11)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(21)}m_{310}^{(21)} + m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(21)}m_{220}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(21)}m_{211}^{(10)} + m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(22)}m_{310}^{(11)} - m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(22)}m_{220}^{(10)}
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&+m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(00)}m_{130}^{(21)} - m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(00)}m_{121}^{(11)} - m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(10)}m_{220}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(10)}m_{130}^{(20)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(10)}m_{121}^{(10)} + m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(11)}m_{220}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(11)}m_{121}^{(00)} + m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(20)}m_{220}^{(11)} - m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(20)}m_{130}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(21)}m_{220}^{(10)} + m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(21)}m_{130}^{(00)} + m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(00)}m_{121}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(00)}m_{112}^{(21)} + m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(00)}m_{103}^{(11)} - m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(10)}m_{211}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(10)}m_{202}^{(21)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(10)}m_{112}^{(20)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(10)}m_{103}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(11)}m_{202}^{(20)} + m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(11)}m_{103}^{(00)} + m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(20)}m_{211}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(20)}m_{202}^{(11)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(20)}m_{121}^{(20)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(20)}m_{112}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(21)}m_{211}^{(20)} + m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(21)}m_{202}^{(10)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(21)}m_{112}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(22)}m_{211}^{(10)} + m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(22)}m_{121}^{(00)} - m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(00)}m_{130}^{(22)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(00)}m_{121}^{(21)} - m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(00)}m_{112}^{(11)} + m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(10)}m_{220}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(10)}m_{211}^{(21)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(10)}m_{121}^{(20)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(10)}m_{112}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(11)}m_{211}^{(20)} - m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(11)}m_{112}^{(00)} - m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(20)}m_{220}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(20)}m_{211}^{(11)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(20)}m_{130}^{(20)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(20)}m_{121}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(21)}m_{220}^{(20)} - m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(21)}m_{211}^{(10)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(21)}m_{121}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(22)}m_{220}^{(10)} - m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(22)}m_{130}^{(00)} - m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(00)}m_{211}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(00)}m_{202}^{(21)} + m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(10)}m_{301}^{(22)} - m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(10)}m_{202}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(20)}m_{301}^{(21)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(20)}m_{211}^{(20)} - m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(20)}m_{202}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(21)}m_{301}^{(20)} + m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(21)}m_{202}^{(00)} + m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(22)}m_{301}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(22)}m_{211}^{(00)} + m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(00)}m_{220}^{(22)} - m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(00)}m_{202}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(10)}m_{310}^{(22)} - m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(10)}m_{301}^{(21)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(10)}m_{202}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(11)}m_{301}^{(20)} - m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(11)}m_{202}^{(00)} + m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(20)}m_{310}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(20)}m_{301}^{(11)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(20)}m_{220}^{(20)} + m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(21)}m_{310}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(21)}m_{301}^{(10)} - m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(22)}m_{310}^{(10)} + m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(22)}m_{220}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(00)}m_{220}^{(21)} + m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(00)}m_{211}^{(11)} + m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(10)}m_{310}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(10)}m_{220}^{(20)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(10)}m_{211}^{(10)} - m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(11)}m_{310}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(11)}m_{211}^{(00)} - m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(20)}m_{310}^{(11)} + m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(20)}m_{220}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(21)}m_{310}^{(10)} - m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(21)}m_{220}^{(00)} - m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(00)}m_{121}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(00)}m_{112}^{(11)} + m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{211}^{(21)} + m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{121}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{112}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(11)}m_{211}^{(20)} + m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(11)}m_{112}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(20)}m_{211}^{(11)} + m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(20)}m_{121}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(21)}m_{211}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(21)}m_{121}^{(00)} + m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(00)}m_{130}^{(21)} - m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(00)}m_{121}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(10)}m_{211}^{(21)} - m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(10)}m_{130}^{(20)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(10)}m_{121}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(11)}m_{220}^{(20)} - m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(11)}m_{121}^{(00)} - m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(20)}m_{220}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(20)}m_{130}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(21)}m_{220}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(21)}m_{130}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(00)}m_{211}^{(21)} - m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(00)}m_{202}^{(11)} - m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(10)}m_{301}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(10)}m_{211}^{(20)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(10)}m_{202}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(11)}m_{301}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(11)}m_{202}^{(00)} + m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(20)}m_{301}^{(11)} - m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(20)}m_{211}^{(10)}
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&-m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(21)}m_{301}^{(10)}+m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(21)}m_{211}^{(00)}-m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(00)}m_{220}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(00)}m_{211}^{(11)}+m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(10)}m_{310}^{(21)}+m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(10)}m_{220}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(10)}m_{211}^{(10)}-m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(11)}m_{310}^{(20)}+m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(11)}m_{211}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(20)}m_{310}^{(11)}+m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(20)}m_{220}^{(10)}+m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(21)}m_{310}^{(10)}\\
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&+2m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(11)}m_{112}^{(22)}-2m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(11)}m_{013}^{(20)}+2m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(20)}m_{022}^{(21)}\\
&-2m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(20)}m_{013}^{(11)}-4m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(21)}m_{112}^{(21)}+2m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(21)}m_{022}^{(20)}\\
&+2m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(21)}m_{013}^{(10)}+2m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(22)}m_{112}^{(11)}-2m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(22)}m_{022}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(10)}m_{112}^{(22)}-m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(10)}m_{103}^{(21)}-m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(11)}m_{202}^{(22)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(11)}m_{103}^{(20)}-m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(20)}m_{112}^{(21)}+m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(20)}m_{103}^{(11)}\\
&+2m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(21)}m_{202}^{(21)}-m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(21)}m_{112}^{(20)}-m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(21)}m_{103}^{(10)}\\
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&-3m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(10)}m_{112}^{(21)}-3m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(11)}m_{211}^{(22)}+3m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(11)}m_{112}^{(20)}\\
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&-3m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(21)}m_{121}^{(20)}-3m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(21)}m_{112}^{(10)}-3m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(22)}m_{211}^{(11)}\\
&+3m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(22)}m_{121}^{(10)}-m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(10)}m_{211}^{(22)}+m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(10)}m_{202}^{(21)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(11)}m_{301}^{(22)}-m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(11)}m_{202}^{(20)}+m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(20)}m_{211}^{(21)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(20)}m_{202}^{(11)}-2m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(21)}m_{301}^{(21)}+m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(21)}m_{211}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(21)}m_{202}^{(10)}+m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(22)}m_{301}^{(11)}-m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(22)}m_{211}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(10)}m_{220}^{(22)}+m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(10)}m_{211}^{(21)}+m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(11)}m_{310}^{(22)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(11)}m_{211}^{(20)}+m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(20)}m_{220}^{(21)}-m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(20)}m_{211}^{(11)}\\
&-2m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(21)}m_{310}^{(21)}+m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(21)}m_{220}^{(20)}+m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(21)}m_{211}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(22)}m_{310}^{(11)}-m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(22)}m_{220}^{(10)}+2m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(00)}m_{022}^{(22)}\\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(00)}m_{013}^{(21)}-m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(10)}m_{112}^{(22)}-m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(10)}m_{103}^{(21)}\\
&+2m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(10)}m_{013}^{(20)}-m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(11)}m_{202}^{(22)}+m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(11)}m_{103}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(20)}m_{112}^{(21)}+m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(20)}m_{103}^{(11)}-4m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(20)}m_{022}^{(20)}\\
&+2m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(20)}m_{013}^{(10)}+2m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(21)}m_{202}^{(21)}+m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(21)}m_{112}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(21)}m_{103}^{(10)}-2m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(21)}m_{013}^{(00)}-m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(22)}m_{202}^{(11)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(22)}m_{112}^{(10)}+2m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(22)}m_{022}^{(00)}-m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(00)}m_{112}^{(22)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(00)}m_{103}^{(21)}+m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(10)}m_{202}^{(22)}-m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(10)}m_{103}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{202}^{(21)}+2m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{112}^{(20)}-m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{103}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(21)}m_{202}^{(20)}+m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(21)}m_{103}^{(00)}+m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(22)}m_{202}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(22)}m_{112}^{(00)}-3m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(00)}m_{121}^{(22)}+3m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(00)}m_{112}^{(21)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(10)}m_{211}^{(22)}+2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(10)}m_{202}^{(21)}-3m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(10)}m_{112}^{(20)}\\
&+2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(11)}m_{301}^{(22)}-2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(11)}m_{202}^{(20)}-m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{211}^{(21)}\\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{202}^{(11)}+6m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{121}^{(20)}-3m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{112}^{(10)}\\
&-4m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{301}^{(21)}-m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{211}^{(20)}+2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{202}^{(10)}\\
&+3m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{112}^{(00)}+2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(22)}m_{301}^{(11)}+m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(22)}m_{211}^{(10)}
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&-3m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(22)}m_{121}^{(00)}+m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(00)}m_{211}^{(22)}-m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(00)}m_{202}^{(21)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(10)}m_{301}^{(22)}+m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{202}^{(20)}+m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{301}^{(21)}\\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{211}^{(20)}+m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{202}^{(10)}+m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(21)}m_{301}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(21)}m_{202}^{(00)}-m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(22)}m_{301}^{(10)}+m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(22)}m_{211}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(00)}m_{220}^{(22)}-m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(00)}m_{211}^{(21)}-m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{301}^{(21)}\\
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&+m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{220}^{(20)} - 2m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{211}^{(10)} - m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(11)}m_{310}^{(20)}\\
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&+m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{112}^{(10)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{022}^{(00)} + m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(22)}m_{211}^{(11)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(22)}m_{121}^{(10)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(22)}m_{031}^{(00)} + 3m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(00)}m_{121}^{(22)}\\
&-3m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(00)}m_{112}^{(21)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{211}^{(22)} - m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{202}^{(21)}\\
&+3m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{112}^{(20)} - m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(11)}m_{301}^{(22)} + m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(11)}m_{202}^{(20)}\\
&+2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{211}^{(21)} + m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{202}^{(11)} - 6m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{121}^{(20)}\\
&+3m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{112}^{(10)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{301}^{(21)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{211}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{202}^{(10)} - 3m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{112}^{(00)} - m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(22)}m_{301}^{(11)}\\
&-2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(22)}m_{211}^{(10)} + 3m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(22)}m_{121}^{(00)} + m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{130}^{(22)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{121}^{(21)} - m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{211}^{(21)} + m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{121}^{(20)}
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&-m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(11)}m_{310}^{(22)} + m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(11)}m_{211}^{(20)} + m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{211}^{(11)}\\
&-2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{130}^{(20)} + m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{121}^{(10)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{310}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{211}^{(10)} - m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{121}^{(00)} - m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(22)}m_{310}^{(11)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(22)}m_{130}^{(00)} - m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(00)}m_{211}^{(22)} + m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(00)}m_{202}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(10)}m_{301}^{(22)} - m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(10)}m_{202}^{(20)} - m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(20)}m_{301}^{(21)}\\
&+2m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(20)}m_{211}^{(20)} - m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(20)}m_{202}^{(10)} - m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{301}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(21)}m_{202}^{(00)} + m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(22)}m_{301}^{(10)} - m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(22)}m_{211}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{220}^{(22)} + m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{211}^{(21)} + m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{301}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{211}^{(20)} + m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(11)}m_{400}^{(22)} - m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(11)}m_{301}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{301}^{(11)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{220}^{(20)} - m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{211}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{400}^{(21)} + m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{301}^{(10)} + m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{211}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(22)}m_{400}^{(11)} - m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(22)}m_{220}^{(00)} + m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(00)}m_{121}^{(22)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(00)}m_{112}^{(21)} - m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{211}^{(22)} + m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{112}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{211}^{(21)} - 2m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{121}^{(20)} + m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{112}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{211}^{(20)} - m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{112}^{(00)} - m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(22)}m_{211}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(22)}m_{121}^{(00)} - m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(00)}m_{211}^{(22)} + m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(00)}m_{202}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(10)}m_{301}^{(22)} - m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(10)}m_{202}^{(20)} - m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{301}^{(21)}\\
&+2m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{211}^{(20)} - m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{202}^{(10)} - m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(21)}m_{301}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(21)}m_{202}^{(00)} + m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(22)}m_{301}^{(10)} - m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(22)}m_{211}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{220}^{(22)} + m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{211}^{(21)} + m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{310}^{(22)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{211}^{(20)} - m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{310}^{(21)} + 2m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{220}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{211}^{(10)} - m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{310}^{(20)} + m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{211}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(22)}m_{310}^{(10)} - m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(22)}m_{220}^{(00)} + m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(00)}m_{310}^{(22)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(00)}m_{301}^{(21)} - m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(10)}m_{400}^{(22)} + m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(10)}m_{301}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(20)}m_{400}^{(21)} - 2m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(20)}m_{310}^{(20)} + m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(20)}m_{301}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(21)}m_{400}^{(20)} - m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(21)}m_{301}^{(00)} - m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(22)}m_{400}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(22)}m_{310}^{(00)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(00)}m_{031}^{(21)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(00)}m_{022}^{(11)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{130}^{(22)} - m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{121}^{(21)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{031}^{(20)}\\
&+4m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{022}^{(10)} + m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{220}^{(22)} + m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{121}^{(20)}\\
&-2m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{022}^{(00)} + m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{130}^{(21)} + m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{121}^{(11)}\\
&-2m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{031}^{(10)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{220}^{(21)} + m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{130}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{121}^{(10)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{031}^{(00)} + m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(22)}m_{220}^{(11)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(22)}m_{130}^{(10)} - 3m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{121}^{(21)} + 3m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{112}^{(11)}\\
&+2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{220}^{(22)} + m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{211}^{(21)} + 3m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{121}^{(20)}\\
&-6m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{112}^{(10)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{310}^{(22)} - m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{211}^{(20)}\\
&+3m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{112}^{(00)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{220}^{(21)} - m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{211}^{(11)}\\
&+3m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{121}^{(10)} + 4m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{310}^{(21)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{220}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{211}^{(10)} - 3m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{121}^{(00)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(22)}m_{310}^{(11)}
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&+2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(22)}m_{220}^{(10)} - m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(00)}m_{130}^{(21)} + m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(00)}m_{121}^{(11)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{220}^{(21)} + m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{130}^{(20)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{121}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{220}^{(20)} + m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{121}^{(00)} - m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(20)}m_{220}^{(11)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(20)}m_{130}^{(10)} + m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(21)}m_{220}^{(10)} - m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(21)}m_{130}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{211}^{(21)} - m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{202}^{(11)} - m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{310}^{(22)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{211}^{(20)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{202}^{(10)} + m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(11)}m_{400}^{(22)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(11)}m_{202}^{(00)} + m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{310}^{(21)} - m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{211}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(21)}m_{400}^{(21)} + m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(21)}m_{310}^{(20)} + m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(21)}m_{211}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(22)}m_{400}^{(11)} - m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(22)}m_{310}^{(10)} + m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{220}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{211}^{(11)} - m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{310}^{(21)} - m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{220}^{(20)}\\
&+2m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{211}^{(10)} + m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(11)}m_{310}^{(20)} - m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(11)}m_{211}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(20)}m_{310}^{(11)} - m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(20)}m_{220}^{(10)} - m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(21)}m_{310}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(21)}m_{220}^{(00)} + m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{130}^{(22)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{121}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{112}^{(11)} - m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{220}^{(22)} + m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{211}^{(21)}\\
&+2m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{121}^{(20)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{112}^{(10)} - m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(11)}m_{211}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(11)}m_{112}^{(00)} + m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{220}^{(21)} - m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{211}^{(11)}\\
&-2m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{130}^{(20)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{121}^{(10)} + m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{220}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{211}^{(10)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{121}^{(00)} - m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(22)}m_{220}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(22)}m_{130}^{(00)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{220}^{(22)} + 3m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{211}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{202}^{(11)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{310}^{(22)} - m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{301}^{(21)}\\
&-3m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{211}^{(20)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{202}^{(10)} + m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(11)}m_{301}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(11)}m_{202}^{(00)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{310}^{(21)} + m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{301}^{(11)}\\
&+4m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{220}^{(20)} - 3m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{211}^{(10)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{310}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{301}^{(10)} + 3m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{211}^{(00)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(22)}m_{310}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(22)}m_{220}^{(00)} + m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{220}^{(21)} - m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{211}^{(11)}\\
&-m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{310}^{(21)} - m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{220}^{(20)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{211}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(11)}m_{310}^{(20)} - m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(11)}m_{211}^{(00)} + m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(20)}m_{310}^{(11)}\\
&-m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(20)}m_{220}^{(10)} - m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(21)}m_{310}^{(10)} + m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(21)}m_{220}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(00)}m_{310}^{(22)} - m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(00)}m_{301}^{(21)} - m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(10)}m_{400}^{(22)}\\
&+m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(10)}m_{301}^{(20)} + m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{400}^{(21)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{310}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{301}^{(10)} + m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(21)}m_{400}^{(20)} - m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(21)}m_{301}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(22)}m_{400}^{(10)} + m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(22)}m_{310}^{(00)} - m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{310}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{301}^{(11)} + m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{400}^{(21)} + m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{310}^{(20)}\\
&-2m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{301}^{(10)} - m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(11)}m_{400}^{(20)} + m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(11)}m_{301}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(20)}m_{400}^{(11)} + m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(20)}m_{310}^{(10)} + m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(21)}m_{400}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(21)}m_{310}^{(00)} - m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(00)}m_{130}^{(21)} + m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(00)}m_{121}^{(11)}\\
&+m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{220}^{(21)} + m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{130}^{(20)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{121}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{220}^{(20)} + m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{121}^{(00)} - m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(20)}m_{220}^{(11)}
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&+m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(20)}m_{130}^{(10)}+m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(21)}m_{220}^{(10)}-m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(21)}m_{130}^{(00)}\\
&+2m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{220}^{(21)}-2m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{211}^{(11)}-2m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{310}^{(21)}\\
&-2m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{220}^{(20)}+4m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{211}^{(10)}+2m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(11)}m_{310}^{(20)}\\
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&-2m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(21)}m_{310}^{(10)}+2m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(21)}m_{220}^{(00)}-m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{310}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{301}^{(11)}+m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{400}^{(21)}+m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{310}^{(20)}\\
&-2m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{301}^{(10)}-m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(11)}m_{400}^{(20)}+m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(11)}m_{301}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(20)}m_{400}^{(11)}+m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(20)}m_{310}^{(10)}+m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(21)}m_{400}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(21)}m_{310}^{(00)}-m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(10)}m_{031}^{(22)}+m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(10)}m_{022}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(11)}m_{121}^{(22)}-m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(11)}m_{022}^{(20)}+m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(20)}m_{031}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(20)}m_{022}^{(11)}-2m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(21)}m_{121}^{(21)}+m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(21)}m_{031}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(21)}m_{022}^{(10)}+m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(22)}m_{121}^{(11)}-m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(22)}m_{031}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(10)}m_{040}^{(22)}-m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(10)}m_{031}^{(21)}-m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(11)}m_{130}^{(22)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(11)}m_{031}^{(20)}-m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(20)}m_{040}^{(21)}+m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(20)}m_{031}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(21)}m_{130}^{(21)}-m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(21)}m_{040}^{(20)}-m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(21)}m_{031}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(22)}m_{130}^{(11)}+m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(22)}m_{040}^{(10)}+m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(10)}m_{121}^{(22)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(10)}m_{112}^{(21)}-m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(11)}m_{211}^{(22)}+m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(11)}m_{112}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(20)}m_{121}^{(21)}+m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(20)}m_{112}^{(11)}+2m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(21)}m_{211}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(21)}m_{121}^{(20)}-m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(21)}m_{112}^{(10)}-m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(22)}m_{211}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(22)}m_{121}^{(10)}-m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(10)}m_{130}^{(22)}+m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(10)}m_{121}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(11)}m_{220}^{(22)}-m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(11)}m_{121}^{(20)}+m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(20)}m_{130}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(20)}m_{121}^{(11)}-2m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(21)}m_{220}^{(21)}+m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(21)}m_{130}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(21)}m_{121}^{(10)}+m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(22)}m_{220}^{(11)}-m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(22)}m_{130}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(00)}m_{031}^{(22)}-m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(00)}m_{022}^{(21)}-m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(10)}m_{112}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(10)}m_{022}^{(20)}-m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(11)}m_{211}^{(22)}+m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(11)}m_{112}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(20)}m_{112}^{(11)}-2m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(20)}m_{031}^{(20)}+m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(20)}m_{022}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(21)}m_{211}^{(21)}-m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(21)}m_{112}^{(10)}-m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(21)}m_{022}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(22)}m_{211}^{(11)}+m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(22)}m_{031}^{(00)}-m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(00)}m_{040}^{(22)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(00)}m_{031}^{(21)}+m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(10)}m_{121}^{(21)}-m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(10)}m_{031}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(11)}m_{220}^{(22)}-m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(11)}m_{121}^{(20)}-m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(20)}m_{121}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(20)}m_{040}^{(20)}-m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(20)}m_{031}^{(10)}-2m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(21)}m_{220}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(21)}m_{121}^{(10)}+m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(21)}m_{031}^{(00)}+m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(22)}m_{220}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(22)}m_{040}^{(00)}-m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(00)}m_{121}^{(22)}+m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(00)}m_{112}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(10)}m_{202}^{(21)}-m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(10)}m_{112}^{(20)}+m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(11)}m_{301}^{(22)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(11)}m_{202}^{(20)}-m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(20)}m_{202}^{(11)}+2m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(20)}m_{121}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(20)}m_{112}^{(10)}-2m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(21)}m_{301}^{(21)}+m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(21)}m_{202}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(21)}m_{112}^{(00)}+m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(22)}m_{301}^{(11)}-m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(22)}m_{121}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(00)}m_{130}^{(22)}-m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(00)}m_{121}^{(21)}-m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(10)}m_{211}^{(21)}
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&+m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(10)}m_{121}^{(20)} - m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(11)}m_{310}^{(22)} + m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(11)}m_{211}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(20)}m_{211}^{(11)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(20)}m_{130}^{(20)} + m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(20)}m_{121}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(21)}m_{310}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(21)}m_{211}^{(10)} - m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(21)}m_{121}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(22)}m_{310}^{(11)} + m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(22)}m_{130}^{(00)} - m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(00)}m_{121}^{(22)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(00)}m_{112}^{(21)} + m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(10)}m_{211}^{(22)} - m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(10)}m_{112}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(20)}m_{211}^{(21)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(20)}m_{121}^{(20)} - m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(20)}m_{112}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(21)}m_{211}^{(20)} + m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(21)}m_{112}^{(00)} + m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(22)}m_{211}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(22)}m_{121}^{(00)} + m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(00)}m_{130}^{(22)} - m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(00)}m_{121}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(10)}m_{220}^{(22)} + m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(10)}m_{121}^{(20)} + m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(20)}m_{220}^{(21)}\\
&-2m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(20)}m_{130}^{(20)} + m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(20)}m_{121}^{(10)} + m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(21)}m_{220}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(21)}m_{121}^{(00)} - m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(22)}m_{220}^{(10)} + m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(22)}m_{130}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{020}^{(00)}m_{211}^{(22)} - m_{000}^{(22)}m_{100}^{(11)}m_{020}^{(00)}m_{202}^{(21)} - m_{000}^{(22)}m_{100}^{(11)}m_{020}^{(10)}m_{301}^{(22)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{020}^{(10)}m_{202}^{(20)} + m_{000}^{(22)}m_{100}^{(11)}m_{020}^{(20)}m_{301}^{(21)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{020}^{(20)}m_{211}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{020}^{(20)}m_{202}^{(10)} + m_{000}^{(22)}m_{100}^{(11)}m_{020}^{(21)}m_{301}^{(20)} - m_{000}^{(22)}m_{100}^{(11)}m_{020}^{(21)}m_{202}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{020}^{(22)}m_{301}^{(10)} + m_{000}^{(22)}m_{100}^{(11)}m_{020}^{(22)}m_{211}^{(00)} - m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(00)}m_{220}^{(22)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(00)}m_{211}^{(21)} + m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(10)}m_{310}^{(22)} - m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(10)}m_{211}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(20)}m_{310}^{(21)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(20)}m_{220}^{(20)} - m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(20)}m_{211}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(21)}m_{310}^{(20)} + m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(21)}m_{211}^{(00)} + m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(22)}m_{310}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(22)}m_{220}^{(00)} - m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(00)}m_{031}^{(21)} + m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(00)}m_{022}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(10)}m_{121}^{(21)} + m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(10)}m_{031}^{(20)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(10)}m_{022}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(11)}m_{121}^{(20)} + m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(11)}m_{022}^{(00)} - m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(20)}m_{121}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(20)}m_{031}^{(10)} + m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(21)}m_{121}^{(10)} - m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(21)}m_{031}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(00)}m_{040}^{(21)} - m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(00)}m_{031}^{(11)} - m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(10)}m_{130}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(10)}m_{040}^{(20)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(10)}m_{031}^{(10)} + m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(11)}m_{130}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(11)}m_{031}^{(00)} + m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(20)}m_{130}^{(11)} - m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(20)}m_{040}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(21)}m_{130}^{(10)} + m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(21)}m_{040}^{(00)} + m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(00)}m_{121}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(00)}m_{112}^{(11)} - m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(10)}m_{211}^{(21)} - m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(10)}m_{121}^{(20)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(10)}m_{112}^{(10)} + m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(11)}m_{211}^{(20)} - m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(11)}m_{112}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(20)}m_{211}^{(11)} - m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(20)}m_{121}^{(10)} - m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(21)}m_{211}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(21)}m_{121}^{(00)} - m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(00)}m_{130}^{(21)} + m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(00)}m_{121}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(10)}m_{220}^{(21)} + m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(10)}m_{130}^{(20)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(10)}m_{121}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(11)}m_{220}^{(20)} + m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(11)}m_{121}^{(00)} - m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(20)}m_{220}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(20)}m_{130}^{(10)} + m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(21)}m_{220}^{(10)} - m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(21)}m_{130}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(00)}m_{121}^{(21)} - m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(00)}m_{112}^{(11)} - m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(10)}m_{211}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(10)}m_{121}^{(20)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(10)}m_{112}^{(10)} + m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(11)}m_{211}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(11)}m_{112}^{(00)} + m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(20)}m_{211}^{(11)} - m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(20)}m_{121}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(21)}m_{211}^{(10)} + m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(21)}m_{121}^{(00)} - m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(00)}m_{130}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(00)}m_{121}^{(11)} + m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(10)}m_{220}^{(21)} + m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(10)}m_{130}^{(20)}
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&-2m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(10)}m_{121}^{(10)} - m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(11)}m_{220}^{(20)} + m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(11)}m_{121}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(20)}m_{220}^{(11)} + m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(20)}m_{130}^{(10)} + m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(21)}m_{220}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(21)}m_{130}^{(00)} - m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(00)}m_{211}^{(21)} + m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(00)}m_{202}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(10)}m_{301}^{(21)} + m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(10)}m_{211}^{(20)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(10)}m_{202}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(11)}m_{301}^{(20)} + m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(11)}m_{202}^{(00)} - m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(20)}m_{301}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(20)}m_{211}^{(10)} + m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(21)}m_{301}^{(10)} - m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(21)}m_{211}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(00)}m_{220}^{(21)} - m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(00)}m_{211}^{(11)} - m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(10)}m_{310}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(10)}m_{220}^{(20)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(10)}m_{211}^{(10)} + m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(11)}m_{310}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(11)}m_{211}^{(00)} + m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(20)}m_{310}^{(11)} - m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(20)}m_{220}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(21)}m_{310}^{(10)} + m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(21)}m_{220}^{(00)} + m_{000}^{(22)}m_{010}^{(00)}m_{200}^{(10)}m_{031}^{(22)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{200}^{(10)}m_{022}^{(21)} - m_{000}^{(22)}m_{010}^{(00)}m_{200}^{(11)}m_{121}^{(22)} + m_{000}^{(22)}m_{010}^{(00)}m_{200}^{(11)}m_{022}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{200}^{(20)}m_{031}^{(21)} + m_{000}^{(22)}m_{010}^{(00)}m_{200}^{(20)}m_{022}^{(11)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{200}^{(21)}m_{121}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{200}^{(21)}m_{031}^{(20)} - m_{000}^{(22)}m_{010}^{(00)}m_{200}^{(21)}m_{022}^{(10)} - m_{000}^{(22)}m_{010}^{(00)}m_{200}^{(22)}m_{121}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{200}^{(22)}m_{031}^{(10)} - m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(10)}m_{121}^{(22)} + m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(10)}m_{112}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(11)}m_{211}^{(22)} - m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(11)}m_{112}^{(20)} + m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(20)}m_{121}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(20)}m_{112}^{(11)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(21)}m_{211}^{(21)} + m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(21)}m_{121}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(21)}m_{112}^{(10)} + m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(22)}m_{211}^{(11)} - m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(22)}m_{121}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(10)}m_{130}^{(22)} + m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(10)}m_{121}^{(21)} + m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(11)}m_{220}^{(22)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(11)}m_{121}^{(20)} + m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(20)}m_{130}^{(21)} - m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(20)}m_{121}^{(11)}\\
&-2m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(21)}m_{220}^{(21)} + m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(21)}m_{130}^{(20)} + m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(21)}m_{121}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(22)}m_{220}^{(11)} - m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(22)}m_{130}^{(10)} + m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(10)}m_{220}^{(22)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(10)}m_{211}^{(21)} - m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(11)}m_{310}^{(22)} + m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(11)}m_{211}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(20)}m_{220}^{(21)} + m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(20)}m_{211}^{(11)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(21)}m_{310}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(21)}m_{220}^{(20)} - m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(21)}m_{211}^{(10)} - m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(22)}m_{310}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(22)}m_{220}^{(10)} - m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(00)}m_{031}^{(22)} + m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(00)}m_{022}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(10)}m_{112}^{(21)} - m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(10)}m_{022}^{(20)} + m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(11)}m_{211}^{(22)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(11)}m_{112}^{(20)} - m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(20)}m_{112}^{(11)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(20)}m_{031}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(20)}m_{022}^{(10)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(21)}m_{211}^{(21)} + m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(21)}m_{112}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(21)}m_{022}^{(00)} + m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(22)}m_{211}^{(11)} - m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(22)}m_{031}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(00)}m_{121}^{(22)} - m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(00)}m_{112}^{(21)} - m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(10)}m_{202}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(10)}m_{112}^{(20)} - m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(11)}m_{301}^{(22)} + m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(11)}m_{202}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(20)}m_{202}^{(11)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(20)}m_{121}^{(20)} + m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(20)}m_{112}^{(10)}\\
&+2m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(21)}m_{301}^{(21)} - m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(21)}m_{202}^{(10)} - m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(21)}m_{112}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(22)}m_{301}^{(11)} + m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(22)}m_{121}^{(00)} + m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(00)}m_{130}^{(22)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(00)}m_{121}^{(21)} - m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(10)}m_{211}^{(21)} + m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(10)}m_{121}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(11)}m_{310}^{(22)} + m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(11)}m_{211}^{(20)} + m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(20)}m_{211}^{(11)}\\
&-2m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(20)}m_{130}^{(20)} + m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(20)}m_{121}^{(10)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(21)}m_{310}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(21)}m_{211}^{(10)} - m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(21)}m_{121}^{(00)} - m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(22)}m_{310}^{(11)}
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&+m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(22)}m_{130}^{(00)} - m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(00)}m_{220}^{(22)} + m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(00)}m_{211}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(10)}m_{301}^{(21)} - m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(10)}m_{211}^{(20)} + m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(11)}m_{400}^{(22)}\\
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&-m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(20)}m_{211}^{(10)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(21)}m_{400}^{(21)} + m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(21)}m_{301}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(21)}m_{211}^{(00)} + m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(22)}m_{400}^{(11)} - m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(22)}m_{220}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(00)}m_{121}^{(22)} - m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(00)}m_{112}^{(21)} - m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(10)}m_{211}^{(22)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(10)}m_{112}^{(20)} + m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(20)}m_{211}^{(21)} - 2m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(20)}m_{121}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(20)}m_{112}^{(10)} + m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(21)}m_{211}^{(20)} - m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(21)}m_{112}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(22)}m_{211}^{(10)} + m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(22)}m_{121}^{(00)} - m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(00)}m_{211}^{(22)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(00)}m_{202}^{(21)} + m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(10)}m_{301}^{(22)} - m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(10)}m_{202}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(20)}m_{301}^{(21)} + 2m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(20)}m_{211}^{(20)} - m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(20)}m_{202}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(21)}m_{301}^{(20)} + m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(21)}m_{202}^{(00)} + m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(22)}m_{301}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(22)}m_{211}^{(00)} - m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(00)}m_{220}^{(22)} + m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(00)}m_{211}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(10)}m_{310}^{(22)} - m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(10)}m_{211}^{(20)} - m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(20)}m_{310}^{(21)}\\
&+2m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(20)}m_{220}^{(20)} - m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(20)}m_{211}^{(10)} - m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(21)}m_{310}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(21)}m_{211}^{(00)} + m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(22)}m_{310}^{(10)} - m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(22)}m_{220}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{011}^{(00)}m_{310}^{(22)} - m_{000}^{(22)}m_{010}^{(11)}m_{011}^{(00)}m_{301}^{(21)} - m_{000}^{(22)}m_{010}^{(11)}m_{011}^{(10)}m_{400}^{(22)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{011}^{(10)}m_{301}^{(20)} + m_{000}^{(22)}m_{010}^{(11)}m_{011}^{(20)}m_{400}^{(21)} - 2m_{000}^{(22)}m_{010}^{(11)}m_{011}^{(20)}m_{310}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{011}^{(20)}m_{301}^{(10)} + m_{000}^{(22)}m_{010}^{(11)}m_{011}^{(21)}m_{400}^{(20)} - m_{000}^{(22)}m_{010}^{(11)}m_{011}^{(21)}m_{301}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{011}^{(22)}m_{400}^{(10)} + m_{000}^{(22)}m_{010}^{(11)}m_{011}^{(22)}m_{310}^{(00)} + m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(00)}m_{031}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(00)}m_{022}^{(11)} - m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(10)}m_{121}^{(21)} - m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(10)}m_{031}^{(20)}\\
&+2m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(10)}m_{022}^{(10)} + m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(11)}m_{121}^{(20)} - m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(11)}m_{022}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(20)}m_{121}^{(11)} - m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(20)}m_{031}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(21)}m_{121}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(21)}m_{031}^{(00)} - m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(00)}m_{121}^{(21)} + m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(00)}m_{112}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(10)}m_{211}^{(21)} + m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(10)}m_{121}^{(20)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(10)}m_{112}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(11)}m_{211}^{(20)} + m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(11)}m_{112}^{(00)} - m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(20)}m_{211}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(20)}m_{121}^{(10)} + m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(21)}m_{211}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(21)}m_{121}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(00)}m_{130}^{(21)} + m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(00)}m_{121}^{(11)} + m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(10)}m_{220}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(10)}m_{130}^{(20)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(10)}m_{121}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(11)}m_{220}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(11)}m_{121}^{(00)} - m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(20)}m_{220}^{(11)} + m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(20)}m_{130}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(21)}m_{220}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(21)}m_{130}^{(00)} + m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(00)}m_{220}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(00)}m_{211}^{(11)} - m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{310}^{(21)} - m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{220}^{(20)}\\
&+2m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{211}^{(10)} + m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(11)}m_{310}^{(20)} - m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(11)}m_{211}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(20)}m_{310}^{(11)} - m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(20)}m_{220}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(21)}m_{310}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(21)}m_{220}^{(00)} - m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(00)}m_{121}^{(21)} + m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(00)}m_{112}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(10)}m_{211}^{(20)} + m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(10)}m_{121}^{(20)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(10)}m_{112}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(11)}m_{211}^{(20)} + m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(11)}m_{112}^{(00)} - m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(20)}m_{211}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(20)}m_{121}^{(10)} + m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(21)}m_{211}^{(10)} - m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(21)}m_{121}^{(00)}
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&+m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(00)}m_{211}^{(21)} - m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(00)}m_{202}^{(11)} - m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{301}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{211}^{(20)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{202}^{(10)} + m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(11)}m_{301}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(11)}m_{202}^{(00)} + m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(20)}m_{301}^{(11)} - m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(20)}m_{211}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(21)}m_{301}^{(10)} + m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(21)}m_{211}^{(00)} + m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(00)}m_{220}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(00)}m_{211}^{(11)} - m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(10)}m_{310}^{(21)} - m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(10)}m_{220}^{(20)}\\
&+2m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(10)}m_{211}^{(10)} + m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(11)}m_{310}^{(20)} - m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(11)}m_{211}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(20)}m_{310}^{(11)} - m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(20)}m_{220}^{(10)} - m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(21)}m_{310}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(21)}m_{220}^{(00)} - m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(00)}m_{310}^{(21)} + m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(00)}m_{301}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(10)}m_{400}^{(21)} + m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(10)}m_{310}^{(20)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(10)}m_{301}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(11)}m_{400}^{(20)} + m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(11)}m_{301}^{(00)} - m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(20)}m_{400}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(20)}m_{310}^{(10)} + m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(21)}m_{400}^{(10)} - m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(21)}m_{310}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(00)}m_{200}^{(10)}m_{040}^{(22)} + m_{000}^{(22)}m_{001}^{(00)}m_{200}^{(10)}m_{031}^{(21)} + m_{000}^{(22)}m_{001}^{(00)}m_{200}^{(11)}m_{130}^{(22)}\\
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&-2m_{000}^{(22)}m_{001}^{(00)}m_{200}^{(21)}m_{130}^{(21)} + m_{000}^{(22)}m_{001}^{(00)}m_{200}^{(21)}m_{040}^{(20)} + m_{000}^{(22)}m_{001}^{(00)}m_{200}^{(21)}m_{031}^{(10)}\\
&+m_{000}^{(22)}m_{001}^{(00)}m_{200}^{(22)}m_{130}^{(11)} - m_{000}^{(22)}m_{001}^{(00)}m_{200}^{(22)}m_{040}^{(10)} + 2m_{000}^{(22)}m_{001}^{(00)}m_{110}^{(10)}m_{130}^{(22)}\\
&-2m_{000}^{(22)}m_{001}^{(00)}m_{110}^{(10)}m_{121}^{(21)} - 2m_{000}^{(22)}m_{001}^{(00)}m_{110}^{(11)}m_{220}^{(22)} + 2m_{000}^{(22)}m_{001}^{(00)}m_{110}^{(11)}m_{121}^{(20)}\\
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&-2m_{000}^{(22)}m_{001}^{(00)}m_{110}^{(21)}m_{130}^{(20)} - 2m_{000}^{(22)}m_{001}^{(00)}m_{110}^{(21)}m_{121}^{(10)} - 2m_{000}^{(22)}m_{001}^{(00)}m_{110}^{(22)}m_{220}^{(11)}\\
&+2m_{000}^{(22)}m_{001}^{(00)}m_{110}^{(22)}m_{130}^{(10)} - m_{000}^{(22)}m_{001}^{(00)}m_{020}^{(10)}m_{220}^{(22)} + m_{000}^{(22)}m_{001}^{(00)}m_{020}^{(10)}m_{211}^{(21)}\\
&+m_{000}^{(22)}m_{001}^{(00)}m_{020}^{(11)}m_{310}^{(22)} - m_{000}^{(22)}m_{001}^{(00)}m_{020}^{(11)}m_{211}^{(20)} + m_{000}^{(22)}m_{001}^{(00)}m_{020}^{(20)}m_{220}^{(21)}\\
&-m_{000}^{(22)}m_{001}^{(00)}m_{020}^{(20)}m_{211}^{(11)} - 2m_{000}^{(22)}m_{001}^{(00)}m_{020}^{(21)}m_{310}^{(21)} + m_{000}^{(22)}m_{001}^{(00)}m_{020}^{(21)}m_{220}^{(20)}\\
&+m_{000}^{(22)}m_{001}^{(00)}m_{020}^{(21)}m_{211}^{(10)} + m_{000}^{(22)}m_{001}^{(00)}m_{020}^{(22)}m_{310}^{(11)} - m_{000}^{(22)}m_{001}^{(00)}m_{020}^{(22)}m_{220}^{(10)}\\
&+m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(00)}m_{040}^{(22)} - m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(00)}m_{031}^{(21)} - m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(10)}m_{121}^{(21)}\\
&+m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(10)}m_{031}^{(20)} - m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(11)}m_{220}^{(22)} + m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(11)}m_{121}^{(20)}\\
&+m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(20)}m_{121}^{(11)} - 2m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(20)}m_{040}^{(20)} + m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(20)}m_{031}^{(10)}\\
&+2m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(21)}m_{220}^{(21)} - m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(21)}m_{121}^{(10)} - m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(21)}m_{031}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(22)}m_{220}^{(11)} + m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(22)}m_{040}^{(00)} - 2m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(00)}m_{130}^{(22)}\\
&+2m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(00)}m_{121}^{(21)} + 2m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{211}^{(21)} - 2m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{121}^{(20)}\\
&+2m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(11)}m_{310}^{(22)} - 2m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(11)}m_{211}^{(20)} - 2m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(20)}m_{211}^{(11)}\\
&+4m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(20)}m_{130}^{(20)} - 2m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(20)}m_{121}^{(10)} - 4m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(21)}m_{310}^{(21)}\\
&+2m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(21)}m_{211}^{(10)} + 2m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(21)}m_{121}^{(00)} + 2m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(22)}m_{310}^{(11)}\\
&-2m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(22)}m_{130}^{(00)} + m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(00)}m_{220}^{(22)} - m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(00)}m_{211}^{(21)}\\
&-m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(10)}m_{301}^{(21)} + m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(10)}m_{211}^{(20)} - m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(11)}m_{400}^{(22)}\\
&+m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(11)}m_{301}^{(20)} + m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(20)}m_{301}^{(11)} - 2m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(20)}m_{220}^{(20)}\\
&+m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(20)}m_{211}^{(10)} + 2m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(21)}m_{400}^{(21)} - m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(21)}m_{301}^{(10)}\\
&-m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(21)}m_{211}^{(00)} - m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(22)}m_{400}^{(11)} + m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(22)}m_{220}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(00)}m_{130}^{(22)} + m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(00)}m_{121}^{(21)} + m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(10)}m_{220}^{(22)}\\
&-m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(10)}m_{121}^{(20)} - m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(20)}m_{220}^{(21)} + 2m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(20)}m_{130}^{(20)}
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&-m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(20)}m_{121}^{(10)} - m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(21)}m_{220}^{(20)} + m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(21)}m_{121}^{(00)}\\
&+m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(22)}m_{220}^{(10)} - m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(22)}m_{130}^{(00)} + 2m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(00)}m_{220}^{(22)}\\
&-2m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(00)}m_{211}^{(21)} - 2m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(10)}m_{310}^{(22)} + 2m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(10)}m_{211}^{(20)}\\
&+2m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(20)}m_{310}^{(21)} - 4m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(20)}m_{220}^{(20)} + 2m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(20)}m_{211}^{(10)}\\
&+2m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(21)}m_{310}^{(20)} - 2m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(21)}m_{211}^{(00)} - 2m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(22)}m_{310}^{(10)}\\
&+2m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(22)}m_{220}^{(00)} - m_{000}^{(22)}m_{001}^{(11)}m_{020}^{(00)}m_{310}^{(22)} + m_{000}^{(22)}m_{001}^{(11)}m_{020}^{(00)}m_{301}^{(21)}\\
&+m_{000}^{(22)}m_{001}^{(11)}m_{020}^{(10)}m_{400}^{(22)} - m_{000}^{(22)}m_{001}^{(11)}m_{020}^{(10)}m_{301}^{(20)} - m_{000}^{(22)}m_{001}^{(11)}m_{020}^{(20)}m_{400}^{(21)}\\
&+2m_{000}^{(22)}m_{001}^{(11)}m_{020}^{(20)}m_{310}^{(20)} - m_{000}^{(22)}m_{001}^{(11)}m_{020}^{(20)}m_{301}^{(10)} - m_{000}^{(22)}m_{001}^{(11)}m_{020}^{(21)}m_{400}^{(20)}\\
&+m_{000}^{(22)}m_{001}^{(11)}m_{020}^{(21)}m_{301}^{(00)} + m_{000}^{(22)}m_{001}^{(11)}m_{020}^{(22)}m_{400}^{(10)} - m_{000}^{(22)}m_{001}^{(11)}m_{020}^{(22)}m_{310}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(00)}m_{040}^{(21)} + m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(00)}m_{031}^{(11)} + m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(10)}m_{130}^{(21)}\\
&+m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(10)}m_{040}^{(20)} - 2m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(10)}m_{031}^{(10)} - m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{130}^{(20)}\\
&+m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{031}^{(00)} - m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(20)}m_{130}^{(11)} + m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(20)}m_{040}^{(10)}\\
&+m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(21)}m_{130}^{(10)} - m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(21)}m_{040}^{(00)} + 2m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(00)}m_{130}^{(21)}\\
&-2m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(00)}m_{121}^{(11)} - 2m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{220}^{(21)} - 2m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{130}^{(20)}\\
&+4m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{121}^{(10)} + 2m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{220}^{(20)} - 2m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{121}^{(00)}\\
&+2m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(20)}m_{220}^{(11)} - 2m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(20)}m_{130}^{(10)} - 2m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(21)}m_{220}^{(10)}\\
&+2m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(21)}m_{130}^{(00)} - m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{220}^{(21)} + m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{211}^{(11)}\\
&+m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{310}^{(21)} + m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{220}^{(20)} - 2m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{211}^{(10)}\\
&-m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(11)}m_{310}^{(20)} + m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(11)}m_{211}^{(00)} - m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(20)}m_{310}^{(11)}\\
&+m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(20)}m_{220}^{(10)} + m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(21)}m_{310}^{(10)} - m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(21)}m_{220}^{(00)}\\
&+m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(00)}m_{130}^{(21)} - m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(00)}m_{121}^{(11)} - m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{220}^{(21)}\\
&-m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{130}^{(20)} + 2m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{121}^{(10)} + m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{220}^{(20)}\\
&-m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{121}^{(00)} + m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(20)}m_{220}^{(11)} - m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(20)}m_{130}^{(10)}\\
&-m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(21)}m_{220}^{(10)} + m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(21)}m_{130}^{(00)} - 2m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{220}^{(21)}\\
&+2m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{211}^{(11)} + 2m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{310}^{(21)} + 2m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{220}^{(20)}\\
&-4m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{211}^{(10)} - 2m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(11)}m_{310}^{(20)} + 2m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(11)}m_{211}^{(00)}\\
&-2m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(20)}m_{310}^{(11)} + 2m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(20)}m_{220}^{(10)} + 2m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(21)}m_{310}^{(10)}\\
&-2m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(21)}m_{220}^{(00)} + m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{310}^{(21)} - m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{301}^{(11)}\\
&-m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(10)}m_{400}^{(21)} - m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(10)}m_{310}^{(20)} + 2m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(10)}m_{301}^{(10)}\\
&+m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(11)}m_{400}^{(20)} - m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(11)}m_{301}^{(00)} + m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(20)}m_{400}^{(11)}\\
&-m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(20)}m_{310}^{(10)} - m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(21)}m_{400}^{(10)} + m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(21)}m_{310}^{(00)}
\end{aligned}
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Generating graph:

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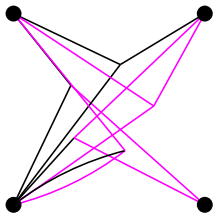
\begin{array}{ccccc}
V1 & V1 & 1 & 1 & 1\\
1 & V2 & 2 & 2 & V3\\
V2 & V3 & 3 & V4 & V4
\end{array}
$$



$$
\begin{aligned}
T_{167} \;=\;& -m_{000}^{(00)} m_{100}^{(10)} m_{020}^{(10)} m_{013}^{(22)} + m_{000}^{(00)} m_{100}^{(10)} m_{020}^{(10)} m_{004}^{(21)} + m_{000}^{(00)} m_{100}^{(10)} m_{020}^{(11)} m_{103}^{(22)} \\
& - m_{000}^{(00)} m_{100}^{(10)} m_{020}^{(11)} m_{004}^{(20)} + m_{000}^{(00)} m_{100}^{(10)} m_{020}^{(20)} m_{022}^{(22)} - m_{000}^{(00)} m_{100}^{(10)} m_{020}^{(20)} m_{013}^{(21)} \\
& - m_{000}^{(00)} m_{100}^{(10)} m_{020}^{(21)} m_{112}^{(22)} - m_{000}^{(00)} m_{100}^{(10)} m_{020}^{(21)} m_{103}^{(21)} + 2m_{000}^{(00)} m_{100}^{(10)} m_{020}^{(21)} m_{013}^{(20)} \\
& + m_{000}^{(00)} m_{100}^{(10)} m_{020}^{(22)} m_{112}^{(21)} - m_{000}^{(00)} m_{100}^{(10)} m_{020}^{(22)} m_{022}^{(20)} + 2m_{000}^{(00)} m_{100}^{(10)} m_{011}^{(10)} m_{022}^{(22)} \\
& - 2m_{000}^{(00)} m_{100}^{(10)} m_{011}^{(10)} m_{013}^{(21)} - 2m_{000}^{(00)} m_{100}^{(10)} m_{011}^{(11)} m_{112}^{(22)} + 2m_{000}^{(00)} m_{100}^{(10)} m_{011}^{(11)} m_{013}^{(20)} \\
& - 2m_{000}^{(00)} m_{100}^{(10)} m_{011}^{(20)} m_{031}^{(22)} + 2m_{000}^{(00)} m_{100}^{(10)} m_{011}^{(20)} m_{022}^{(21)} + 2m_{000}^{(00)} m_{100}^{(10)} m_{011}^{(21)} m_{121}^{(22)} \\
& + 2m_{000}^{(00)} m_{100}^{(10)} m_{011}^{(21)} m_{112}^{(21)} - 4m_{000}^{(00)} m_{100}^{(10)} m_{011}^{(21)} m_{022}^{(20)} - 2m_{000}^{(00)} m_{100}^{(10)} m_{011}^{(22)} m_{121}^{(21)} \\
& + 2m_{000}^{(00)} m_{100}^{(10)} m_{011}^{(22)} m_{031}^{(20)} - m_{000}^{(00)} m_{100}^{(10)} m_{002}^{(10)} m_{031}^{(22)} + m_{000}^{(00)} m_{100}^{(10)} m_{002}^{(10)} m_{022}^{(21)} \\
& + m_{000}^{(00)} m_{100}^{(10)} m_{002}^{(11)} m_{121}^{(22)} - m_{000}^{(00)} m_{100}^{(10)} m_{002}^{(11)} m_{022}^{(20)} + m_{000}^{(00)} m_{100}^{(10)} m_{002}^{(20)} m_{040}^{(22)} \\
& - m_{000}^{(00)} m_{100}^{(10)} m_{002}^{(20)} m_{031}^{(21)} - m_{000}^{(00)} m_{100}^{(10)} m_{002}^{(21)} m_{130}^{(22)} - m_{000}^{(00)} m_{100}^{(10)} m_{002}^{(21)} m_{121}^{(21)} \\
& + 2m_{000}^{(00)} m_{100}^{(10)} m_{002}^{(21)} m_{031}^{(20)} + m_{000}^{(00)} m_{100}^{(10)} m_{002}^{(22)} m_{130}^{(21)} - m_{000}^{(00)} m_{100}^{(10)} m_{002}^{(22)} m_{040}^{(20)} \\
& + m_{000}^{(00)} m_{100}^{(11)} m_{020}^{(00)} m_{013}^{(22)} - m_{000}^{(00)} m_{100}^{(11)} m_{020}^{(00)} m_{004}^{(21)} - m_{000}^{(00)} m_{100}^{(11)} m_{020}^{(10)} m_{103}^{(22)} \\
& + m_{000}^{(00)} m_{100}^{(11)} m_{020}^{(10)} m_{004}^{(20)} - m_{000}^{(00)} m_{100}^{(11)} m_{020}^{(20)} m_{112}^{(22)} + 2m_{000}^{(00)} m_{100}^{(11)} m_{020}^{(20)} m_{103}^{(21)} \\
& - m_{000}^{(00)} m_{100}^{(11)} m_{020}^{(20)} m_{013}^{(20)} + m_{000}^{(00)} m_{100}^{(11)} m_{020}^{(21)} m_{202}^{(22)} - m_{000}^{(00)} m_{100}^{(11)} m_{020}^{(21)} m_{103}^{(20)} \\
& - m_{000}^{(00)} m_{100}^{(11)} m_{020}^{(22)} m_{202}^{(21)} + m_{000}^{(00)} m_{100}^{(11)} m_{020}^{(22)} m_{112}^{(20)} - 2m_{000}^{(00)} m_{100}^{(11)} m_{011}^{(00)} m_{022}^{(22)} \\
& + 2m_{000}^{(00)} m_{100}^{(11)} m_{011}^{(00)} m_{013}^{(21)} + 2m_{000}^{(00)} m_{100}^{(11)} m_{011}^{(10)} m_{112}^{(22)} - 2m_{000}^{(00)} m_{100}^{(11)} m_{011}^{(10)} m_{013}^{(20)} \\
& + 2m_{000}^{(00)} m_{100}^{(11)} m_{011}^{(20)} m_{121}^{(22)} - 4m_{000}^{(00)} m_{100}^{(11)} m_{011}^{(20)} m_{112}^{(21)} + 2m_{000}^{(00)} m_{100}^{(11)} m_{011}^{(20)} m_{022}^{(20)} \\
& - 2m_{000}^{(00)} m_{100}^{(11)} m_{011}^{(21)} m_{211}^{(22)} + 2m_{000}^{(00)} m_{100}^{(11)} m_{011}^{(21)} m_{112}^{(20)} + 2m_{000}^{(00)} m_{100}^{(11)} m_{011}^{(22)} m_{211}^{(21)} \\
& - 2m_{000}^{(00)} m_{100}^{(11)} m_{011}^{(22)} m_{121}^{(20)} + m_{000}^{(00)} m_{100}^{(11)} m_{002}^{(00)} m_{031}^{(22)} - m_{000}^{(00)} m_{100}^{(11)} m_{002}^{(00)} m_{022}^{(21)} \\
& - m_{000}^{(00)} m_{100}^{(11)} m_{002}^{(10)} m_{121}^{(22)} + m_{000}^{(00)} m_{100}^{(11)} m_{002}^{(10)} m_{022}^{(20)} - m_{000}^{(00)} m_{100}^{(11)} m_{002}^{(20)} m_{130}^{(22)} \\
& + 2m_{000}^{(00)} m_{100}^{(11)} m_{002}^{(20)} m_{121}^{(21)} - m_{000}^{(00)} m_{100}^{(11)} m_{002}^{(20)} m_{031}^{(20)} + m_{000}^{(00)} m_{100}^{(11)} m_{002}^{(21)} m_{220}^{(22)} \\
& - m_{000}^{(00)} m_{100}^{(11)} m_{002}^{(21)} m_{121}^{(20)} - m_{000}^{(00)} m_{100}^{(11)} m_{002}^{(22)} m_{220}^{(21)} + m_{000}^{(00)} m_{100}^{(11)} m_{002}^{(22)} m_{130}^{(20)} \\
& + m_{000}^{(00)} m_{100}^{(20)} m_{020}^{(10)} m_{013}^{(21)} - m_{000}^{(00)} m_{100}^{(20)} m_{020}^{(10)} m_{004}^{(11)} - m_{000}^{(00)} m_{100}^{(20)} m_{020}^{(11)} m_{103}^{(21)} \\
& + m_{000}^{(00)} m_{100}^{(20)} m_{020}^{(11)} m_{004}^{(10)} - m_{000}^{(00)} m_{100}^{(20)} m_{020}^{(20)} m_{022}^{(21)} + m_{000}^{(00)} m_{100}^{(20)} m_{020}^{(20)} m_{013}^{(11)} \\
& + m_{000}^{(00)} m_{100}^{(20)} m_{020}^{(21)} m_{112}^{(21)} + m_{000}^{(00)} m_{100}^{(20)} m_{020}^{(21)} m_{103}^{(11)} - 2m_{000}^{(00)} m_{100}^{(20)} m_{020}^{(21)} m_{013}^{(10)} \\
& - m_{000}^{(00)} m_{100}^{(20)} m_{020}^{(22)} m_{112}^{(11)} + m_{000}^{(00)} m_{100}^{(20)} m_{020}^{(22)} m_{022}^{(10)} - 2m_{000}^{(00)} m_{100}^{(20)} m_{011}^{(10)} m_{022}^{(21)} \\
& + 2m_{000}^{(00)} m_{100}^{(20)} m_{011}^{(10)} m_{013}^{(11)} + 2m_{000}^{(00)} m_{100}^{(20)} m_{011}^{(11)} m_{112}^{(21)} - 2m_{000}^{(00)} m_{100}^{(20)} m_{011}^{(11)} m_{013}^{(10)} \\
& + 2m_{000}^{(00)} m_{100}^{(20)} m_{011}^{(20)} m_{031}^{(21)} - 2m_{000}^{(00)} m_{100}^{(20)} m_{011}^{(20)} m_{022}^{(11)} - 2m_{000}^{(00)} m_{100}^{(20)} m_{011}^{(21)} m_{121}^{(21)} \\
& - 2m_{000}^{(00)} m_{100}^{(20)} m_{011}^{(21)} m_{112}^{(11)} + 4m_{000}^{(00)} m_{100}^{(20)} m_{011}^{(21)} m_{022}^{(10)} + 2m_{000}^{(00)} m_{100}^{(20)} m_{011}^{(22)} m_{121}^{(11)} \\
& - 2m_{000}^{(00)} m_{100}^{(20)} m_{011}^{(22)} m_{031}^{(10)} + m_{000}^{(00)} m_{100}^{(20)} m_{002}^{(10)} m_{031}^{(21)} - m_{000}^{(00)} m_{100}^{(20)} m_{002}^{(10)} m_{022}^{(11)} \\
& - m_{000}^{(00)} m_{100}^{(20)} m_{002}^{(11)} m_{121}^{(21)} + m_{000}^{(00)} m_{100}^{(20)} m_{002}^{(11)} m_{022}^{(10)} - m_{000}^{(00)} m_{100}^{(20)} m_{002}^{(20)} m_{040}^{(21)} \\
& + m_{000}^{(00)} m_{100}^{(20)} m_{002}^{(20)} m_{031}^{(11)} + m_{000}^{(00)} m_{100}^{(20)} m_{002}^{(21)} m_{130}^{(21)} + m_{000}^{(00)} m_{100}^{(20)} m_{002}^{(21)} m_{121}^{(11)} \\
& - 2m_{000}^{(00)} m_{100}^{(20)} m_{002}^{(21)} m_{031}^{(10)} - m_{000}^{(00)} m_{100}^{(20)} m_{002}^{(22)} m_{130}^{(11)} + m_{000}^{(00)} m_{100}^{(20)} m_{002}^{(22)} m_{040}^{(10)} \\
& - m_{000}^{(00)} m_{100}^{(21)} m_{020}^{(00)} m_{022}^{(22)} + m_{000}^{(00)} m_{100}^{(21)} m_{020}^{(00)} m_{004}^{(11)} + 2m_{000}^{(00)} m_{100}^{(21)} m_{020}^{(10)} m_{112}^{(22)} \\
& - m_{000}^{(00)} m_{100}^{(21)} m_{020}^{(10)} m_{013}^{(20)} - m_{000}^{(00)} m_{100}^{(21)} m_{020}^{(10)} m_{004}^{(10)} - m_{000}^{(00)} m_{100}^{(21)} m_{020}^{(11)} m_{202}^{(22)} \\
& + m_{000}^{(00)} m_{100}^{(21)} m_{020}^{(11)} m_{103}^{(20)} - 2m_{000}^{(00)} m_{100}^{(21)} m_{020}^{(20)} m_{103}^{(11)} + m_{000}^{(00)} m_{100}^{(21)} m_{020}^{(20)} m_{022}^{(20)} \\
& + m_{000}^{(00)} m_{100}^{(21)} m_{020}^{(20)} m_{013}^{(10)} - m_{000}^{(00)} m_{100}^{(21)} m_{020}^{(21)} m_{112}^{(20)} + m_{000}^{(00)} m_{100}^{(21)} m_{020}^{(21)} m_{103}^{(10)} \\
& + m_{000}^{(00)} m_{100}^{(21)} m_{020}^{(22)} m_{202}^{(11)} - m_{000}^{(00)} m_{100}^{(21)} m_{020}^{(22)} m_{112}^{(10)} + 2m_{000}^{(00)} m_{100}^{(21)} m_{011}^{(00)} m_{031}^{(22)}
\end{aligned}
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\begin{aligned}
&-2m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(00)}m_{013}^{(11)} - 4m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(10)}m_{121}^{(22)} + 2m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(10)}m_{022}^{(20)}\\
&+2m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(10)}m_{013}^{(10)} + 2m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(11)}m_{211}^{(22)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(11)}m_{112}^{(20)}\\
&+4m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(20)}m_{112}^{(11)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(20)}m_{031}^{(20)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(20)}m_{022}^{(10)}\\
&+2m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(21)}m_{121}^{(20)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(21)}m_{112}^{(10)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(22)}m_{211}^{(11)}\\
&+2m_{000}^{(00)}m_{100}^{(21)}m_{011}^{(22)}m_{121}^{(10)} - m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(00)}m_{040}^{(22)} + m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(00)}m_{022}^{(11)}\\
&+2m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(10)}m_{130}^{(22)} - m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(10)}m_{031}^{(20)} - m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(10)}m_{022}^{(10)}\\
&-m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(11)}m_{220}^{(22)} + m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(11)}m_{121}^{(20)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(20)}m_{121}^{(11)}\\
&+m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(20)}m_{040}^{(20)} + m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(20)}m_{031}^{(10)} - m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(21)}m_{130}^{(20)}\\
&+m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(21)}m_{121}^{(10)} + m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(22)}m_{220}^{(11)} - m_{000}^{(00)}m_{100}^{(21)}m_{002}^{(22)}m_{130}^{(10)}\\
&+m_{000}^{(00)}m_{100}^{(22)}m_{020}^{(00)}m_{022}^{(21)} - m_{000}^{(00)}m_{100}^{(22)}m_{020}^{(00)}m_{013}^{(11)} - 2m_{000}^{(00)}m_{100}^{(22)}m_{020}^{(10)}m_{112}^{(21)}\\
&+m_{000}^{(00)}m_{100}^{(22)}m_{020}^{(10)}m_{103}^{(11)} + m_{000}^{(00)}m_{100}^{(22)}m_{020}^{(10)}m_{013}^{(10)} + m_{000}^{(00)}m_{100}^{(22)}m_{020}^{(11)}m_{202}^{(21)}\\
&-m_{000}^{(00)}m_{100}^{(22)}m_{020}^{(11)}m_{103}^{(10)} + m_{000}^{(00)}m_{100}^{(22)}m_{020}^{(20)}m_{112}^{(11)} - m_{000}^{(00)}m_{100}^{(22)}m_{020}^{(20)}m_{022}^{(10)}\\
&-m_{000}^{(00)}m_{100}^{(22)}m_{020}^{(21)}m_{202}^{(11)} + m_{000}^{(00)}m_{100}^{(22)}m_{020}^{(21)}m_{112}^{(10)} - 2m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(00)}m_{031}^{(21)}\\
&+2m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(00)}m_{022}^{(11)} + 4m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(10)}m_{121}^{(21)} - 2m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(10)}m_{112}^{(11)}\\
&-2m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(10)}m_{022}^{(10)} - 2m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(11)}m_{211}^{(21)} + 2m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(11)}m_{112}^{(10)}\\
&-2m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(20)}m_{121}^{(11)} + 2m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(20)}m_{031}^{(10)} + 2m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(21)}m_{211}^{(11)}\\
&-2m_{000}^{(00)}m_{100}^{(22)}m_{011}^{(21)}m_{121}^{(10)} + m_{000}^{(00)}m_{100}^{(22)}m_{002}^{(00)}m_{040}^{(21)} - m_{000}^{(00)}m_{100}^{(22)}m_{002}^{(00)}m_{031}^{(11)}\\
&-2m_{000}^{(00)}m_{100}^{(22)}m_{002}^{(10)}m_{130}^{(21)} + m_{000}^{(00)}m_{100}^{(22)}m_{002}^{(10)}m_{121}^{(11)} + m_{000}^{(00)}m_{100}^{(22)}m_{002}^{(10)}m_{031}^{(10)}\\
&+m_{000}^{(00)}m_{100}^{(22)}m_{002}^{(11)}m_{220}^{(21)} - m_{000}^{(00)}m_{100}^{(22)}m_{002}^{(11)}m_{121}^{(10)} + m_{000}^{(00)}m_{100}^{(22)}m_{002}^{(20)}m_{130}^{(11)}\\
&-m_{000}^{(00)}m_{100}^{(22)}m_{002}^{(20)}m_{040}^{(10)} - m_{000}^{(00)}m_{100}^{(22)}m_{002}^{(21)}m_{220}^{(11)} + m_{000}^{(00)}m_{100}^{(22)}m_{002}^{(21)}m_{130}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(10)}m_{013}^{(22)} - m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(10)}m_{004}^{(21)} - m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(11)}m_{103}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(11)}m_{004}^{(20)} - m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(20)}m_{022}^{(22)} + m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(20)}m_{013}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(21)}m_{112}^{(22)} + m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(21)}m_{103}^{(21)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(21)}m_{013}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(22)}m_{112}^{(21)} + m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(22)}m_{022}^{(20)} - m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(10)}m_{022}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(10)}m_{013}^{(21)} + m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(11)}m_{112}^{(22)} - m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(11)}m_{013}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(20)}m_{031}^{(22)} - m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(20)}m_{022}^{(21)} - m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(21)}m_{121}^{(22)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(21)}m_{112}^{(21)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(21)}m_{022}^{(20)} + m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(22)}m_{121}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(22)}m_{031}^{(20)} - m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(10)}m_{112}^{(22)} + m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(10)}m_{103}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(11)}m_{202}^{(22)} - m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(11)}m_{103}^{(20)} + m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(20)}m_{121}^{(22)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(20)}m_{112}^{(21)} - m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{211}^{(22)} - m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{202}^{(21)}\\
&+2m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{112}^{(20)} + m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(22)}m_{211}^{(21)} - m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(22)}m_{121}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(10)}m_{121}^{(22)} - m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(10)}m_{112}^{(21)} - m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(11)}m_{211}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(11)}m_{112}^{(20)} - m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(20)}m_{130}^{(22)} + m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(20)}m_{121}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(21)}m_{220}^{(22)} + m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(21)}m_{211}^{(21)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(21)}m_{121}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(22)}m_{220}^{(21)} + m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(22)}m_{130}^{(20)} - m_{000}^{(00)}m_{010}^{(11)}m_{110}^{(00)}m_{013}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{110}^{(00)}m_{004}^{(21)} + m_{000}^{(00)}m_{010}^{(11)}m_{110}^{(10)}m_{103}^{(22)} - m_{000}^{(00)}m_{010}^{(11)}m_{110}^{(10)}m_{004}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{110}^{(20)}m_{112}^{(22)} - 2m_{000}^{(00)}m_{010}^{(11)}m_{110}^{(20)}m_{103}^{(21)} + m_{000}^{(00)}m_{010}^{(11)}m_{110}^{(20)}m_{013}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{110}^{(21)}m_{202}^{(22)} + m_{000}^{(00)}m_{010}^{(11)}m_{110}^{(21)}m_{103}^{(20)} + m_{000}^{(00)}m_{010}^{(11)}m_{110}^{(22)}m_{202}^{(21)}
\end{aligned}
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\begin{aligned}
&-m_{000}^{(00)}m_{010}^{(11)}m_{110}^{(22)}m_{112}^{(20)} + m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(00)}m_{022}^{(22)} - m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(00)}m_{013}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(10)}m_{112}^{(22)} + m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(10)}m_{013}^{(20)} - m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(20)}m_{121}^{(22)}\\
&+2m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(20)}m_{112}^{(21)} - m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(20)}m_{022}^{(20)} + m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(21)}m_{211}^{(22)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(21)}m_{112}^{(20)} - m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(22)}m_{211}^{(21)} + m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(22)}m_{121}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(00)}m_{112}^{(22)} - m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(00)}m_{103}^{(21)} - m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(10)}m_{202}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(10)}m_{103}^{(20)} - m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(20)}m_{211}^{(22)} + 2m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(20)}m_{202}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(20)}m_{112}^{(20)} + m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(21)}m_{301}^{(22)} - m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(21)}m_{202}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(22)}m_{301}^{(21)} + m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(22)}m_{211}^{(20)} - m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(00)}m_{121}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(00)}m_{112}^{(21)} + m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(10)}m_{211}^{(22)} - m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(10)}m_{112}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(20)}m_{220}^{(22)} - 2m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(20)}m_{211}^{(21)} + m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(20)}m_{121}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(21)}m_{310}^{(22)} + m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(21)}m_{211}^{(20)} + m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(22)}m_{310}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(22)}m_{220}^{(20)} - m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(10)}m_{013}^{(21)} + m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(10)}m_{004}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(11)}m_{103}^{(21)} - m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(11)}m_{004}^{(10)} + m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(20)}m_{022}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(20)}m_{013}^{(11)} - m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{112}^{(21)} - m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{103}^{(11)}\\
&+2m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{013}^{(10)} + m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(22)}m_{112}^{(11)} - m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(22)}m_{022}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(10)}m_{022}^{(21)} - m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(10)}m_{013}^{(11)} - m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(11)}m_{112}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(11)}m_{013}^{(10)} - m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(20)}m_{031}^{(21)} + m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(20)}m_{022}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(21)}m_{121}^{(21)} + m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(21)}m_{112}^{(11)} - 2m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(21)}m_{022}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(22)}m_{121}^{(11)} + m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(22)}m_{031}^{(10)} + m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(10)}m_{112}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(10)}m_{103}^{(11)} - m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(11)}m_{202}^{(21)} + m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(11)}m_{103}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(20)}m_{121}^{(21)} + m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(20)}m_{112}^{(11)} + m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{211}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{202}^{(11)} - 2m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{112}^{(10)} - m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(22)}m_{211}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(22)}m_{121}^{(10)} - m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(10)}m_{121}^{(21)} + m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(10)}m_{112}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(11)}m_{211}^{(21)} - m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(11)}m_{112}^{(10)} + m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(20)}m_{130}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(20)}m_{121}^{(11)} - m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{220}^{(21)} - m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{211}^{(11)}\\
&+2m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{121}^{(10)} + m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(22)}m_{220}^{(11)} - m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(22)}m_{130}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(00)}m_{022}^{(22)} - m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(00)}m_{004}^{(11)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(10)}m_{112}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(10)}m_{013}^{(20)} + m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(10)}m_{004}^{(10)} + m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(11)}m_{202}^{(22)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(11)}m_{103}^{(20)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(20)}m_{103}^{(11)} - m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(20)}m_{022}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(20)}m_{013}^{(10)} + m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(21)}m_{112}^{(20)} - m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(21)}m_{103}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(22)}m_{202}^{(11)} + m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(22)}m_{112}^{(10)} - m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(00)}m_{031}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(00)}m_{013}^{(11)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(10)}m_{121}^{(22)} - m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(10)}m_{022}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(10)}m_{013}^{(10)} - m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(11)}m_{211}^{(22)} + m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(11)}m_{112}^{(20)}\\
&-2m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(20)}m_{112}^{(11)} + m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(20)}m_{031}^{(20)} + m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(20)}m_{022}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{121}^{(20)} + m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{112}^{(10)} + m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(22)}m_{211}^{(11)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(22)}m_{121}^{(10)} - m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(00)}m_{121}^{(22)} + m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(00)}m_{103}^{(11)}\\
&+2m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(10)}m_{211}^{(22)} - m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(10)}m_{112}^{(20)} - m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(10)}m_{103}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(11)}m_{301}^{(22)} + m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(11)}m_{202}^{(20)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{202}^{(11)}
\end{aligned}
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\begin{aligned}
&+m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{121}^{(20)}+m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{112}^{(10)}-m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{211}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{202}^{(10)}+m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{301}^{(11)}-m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{211}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(00)}m_{130}^{(22)}-m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(00)}m_{112}^{(11)}-2m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(10)}m_{220}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(10)}m_{121}^{(20)}+m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(10)}m_{112}^{(10)}+m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(11)}m_{310}^{(22)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(11)}m_{211}^{(20)}+2m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(20)}m_{211}^{(11)}-m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(20)}m_{130}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(20)}m_{121}^{(10)}+m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(21)}m_{220}^{(20)}-m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(21)}m_{211}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(22)}m_{310}^{(11)}+m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(22)}m_{220}^{(10)}-m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(00)}m_{022}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(00)}m_{013}^{(11)}+2m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(10)}m_{112}^{(21)}-m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(10)}m_{103}^{(11)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(10)}m_{013}^{(10)}-m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(11)}m_{202}^{(21)}+m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(11)}m_{103}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(20)}m_{112}^{(11)}+m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(20)}m_{022}^{(10)}+m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{202}^{(11)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{112}^{(10)}+m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(00)}m_{031}^{(21)}-m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(00)}m_{022}^{(11)}\\
&-2m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(10)}m_{121}^{(21)}+m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(10)}m_{112}^{(11)}+m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(10)}m_{022}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(11)}m_{211}^{(21)}-m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(11)}m_{112}^{(10)}+m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(20)}m_{121}^{(11)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(20)}m_{031}^{(10)}-m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(21)}m_{211}^{(11)}+m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(21)}m_{121}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(00)}m_{121}^{(21)}-m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(00)}m_{112}^{(11)}-2m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(10)}m_{211}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(10)}m_{202}^{(11)}+m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(10)}m_{112}^{(10)}+m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(11)}m_{301}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(11)}m_{202}^{(10)}+m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(20)}m_{211}^{(11)}-m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(20)}m_{121}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{301}^{(11)}+m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{211}^{(10)}-m_{000}^{(00)}m_{010}^{(22)}m_{002}^{(00)}m_{130}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{002}^{(00)}m_{121}^{(11)}+2m_{000}^{(00)}m_{010}^{(22)}m_{002}^{(10)}m_{220}^{(21)}-m_{000}^{(00)}m_{010}^{(22)}m_{002}^{(10)}m_{211}^{(11)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{002}^{(10)}m_{121}^{(10)}-m_{000}^{(00)}m_{010}^{(22)}m_{002}^{(11)}m_{310}^{(21)}+m_{000}^{(00)}m_{010}^{(22)}m_{002}^{(11)}m_{211}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{002}^{(20)}m_{220}^{(11)}+m_{000}^{(00)}m_{010}^{(22)}m_{002}^{(20)}m_{130}^{(10)}+m_{000}^{(00)}m_{010}^{(22)}m_{002}^{(21)}m_{310}^{(11)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{002}^{(21)}m_{220}^{(10)}-m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(10)}m_{022}^{(22)}+m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(10)}m_{013}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(11)}m_{112}^{(22)}-m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(11)}m_{013}^{(20)}+m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(20)}m_{031}^{(22)}\\
&-m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(20)}m_{022}^{(21)}-m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{121}^{(22)}-m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{112}^{(21)}\\
&+2m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{022}^{(20)}+m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{121}^{(21)}-m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{031}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(10)}m_{031}^{(22)}-m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(10)}m_{022}^{(21)}-m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(11)}m_{121}^{(22)}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(11)}m_{022}^{(20)}-m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(20)}m_{040}^{(22)}+m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(20)}m_{031}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{130}^{(22)}+m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{121}^{(21)}-2m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{031}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(22)}m_{130}^{(21)}+m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(22)}m_{040}^{(20)}+m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(10)}m_{112}^{(22)}\\
&-m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(10)}m_{103}^{(21)}-m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(11)}m_{202}^{(22)}+m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(11)}m_{103}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{121}^{(22)}+m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{112}^{(21)}+m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{211}^{(22)}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{202}^{(21)}-2m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{112}^{(20)}-m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{211}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{121}^{(20)}-m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{121}^{(22)}+m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{112}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{211}^{(22)}-m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{112}^{(20)}+m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{130}^{(22)}\\
&-m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{121}^{(21)}-m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{220}^{(22)}-m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{211}^{(21)}\\
&+2m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{121}^{(20)}+m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{220}^{(21)}-m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{130}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(00)}m_{022}^{(22)}-m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(00)}m_{013}^{(21)}-m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(10)}m_{112}^{(22)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(10)}m_{013}^{(20)}-m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(20)}m_{121}^{(22)}+2m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(20)}m_{112}^{(21)}
\end{aligned}
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\begin{aligned}
&-m^{(00)}_{000}m^{(11)}_{001}m^{(20)}_{110}m^{(20)}_{022}+m^{(00)}_{000}m^{(11)}_{001}m^{(21)}_{110}m^{(22)}_{211}-m^{(00)}_{000}m^{(11)}_{001}m^{(21)}_{110}m^{(20)}_{112}\\
&-m^{(00)}_{000}m^{(11)}_{001}m^{(22)}_{110}m^{(21)}_{211}+m^{(00)}_{000}m^{(11)}_{001}m^{(22)}_{110}m^{(20)}_{121}-m^{(00)}_{000}m^{(11)}_{001}m^{(00)}_{101}m^{(22)}_{031}\\
&+m^{(00)}_{000}m^{(11)}_{001}m^{(00)}_{101}m^{(21)}_{022}+m^{(00)}_{000}m^{(11)}_{001}m^{(10)}_{101}m^{(22)}_{121}-m^{(00)}_{000}m^{(11)}_{001}m^{(10)}_{101}m^{(20)}_{022}\\
&+m^{(00)}_{000}m^{(11)}_{001}m^{(20)}_{101}m^{(22)}_{130}-2m^{(00)}_{000}m^{(11)}_{001}m^{(20)}_{101}m^{(21)}_{121}+m^{(00)}_{000}m^{(11)}_{001}m^{(20)}_{101}m^{(20)}_{031}\\
&-m^{(00)}_{000}m^{(11)}_{001}m^{(21)}_{101}m^{(22)}_{220}+m^{(00)}_{000}m^{(11)}_{001}m^{(21)}_{101}m^{(20)}_{121}+m^{(00)}_{000}m^{(11)}_{001}m^{(22)}_{101}m^{(21)}_{220}\\
&-m^{(00)}_{000}m^{(11)}_{001}m^{(22)}_{101}m^{(20)}_{130}-m^{(00)}_{000}m^{(11)}_{001}m^{(00)}_{020}m^{(22)}_{112}+m^{(00)}_{000}m^{(11)}_{001}m^{(00)}_{020}m^{(21)}_{103}\\
&+m^{(00)}_{000}m^{(11)}_{001}m^{(10)}_{020}m^{(22)}_{202}-m^{(00)}_{000}m^{(11)}_{001}m^{(10)}_{020}m^{(20)}_{103}+m^{(00)}_{000}m^{(11)}_{001}m^{(20)}_{020}m^{(22)}_{211}\\
&-2m^{(00)}_{000}m^{(11)}_{001}m^{(20)}_{020}m^{(21)}_{202}+m^{(00)}_{000}m^{(11)}_{001}m^{(20)}_{020}m^{(20)}_{112}-m^{(00)}_{000}m^{(11)}_{001}m^{(21)}_{020}m^{(22)}_{301}\\
&+m^{(00)}_{000}m^{(11)}_{001}m^{(21)}_{020}m^{(20)}_{202}+m^{(00)}_{000}m^{(11)}_{001}m^{(22)}_{020}m^{(21)}_{301}-m^{(00)}_{000}m^{(11)}_{001}m^{(22)}_{020}m^{(20)}_{211}\\
&+m^{(00)}_{000}m^{(11)}_{001}m^{(00)}_{011}m^{(22)}_{121}-m^{(00)}_{000}m^{(11)}_{001}m^{(00)}_{011}m^{(21)}_{112}-m^{(00)}_{000}m^{(11)}_{001}m^{(10)}_{011}m^{(22)}_{211}\\
&+m^{(00)}_{000}m^{(11)}_{001}m^{(10)}_{011}m^{(20)}_{112}-m^{(00)}_{000}m^{(11)}_{001}m^{(20)}_{011}m^{(22)}_{220}+2m^{(00)}_{000}m^{(11)}_{001}m^{(20)}_{011}m^{(21)}_{211}\\
&-m^{(00)}_{000}m^{(11)}_{001}m^{(20)}_{011}m^{(20)}_{121}+m^{(00)}_{000}m^{(11)}_{001}m^{(21)}_{011}m^{(22)}_{310}-m^{(00)}_{000}m^{(11)}_{001}m^{(21)}_{011}m^{(20)}_{211}\\
&-m^{(00)}_{000}m^{(11)}_{001}m^{(22)}_{011}m^{(21)}_{310}+m^{(00)}_{000}m^{(11)}_{001}m^{(22)}_{011}m^{(20)}_{220}+m^{(00)}_{000}m^{(20)}_{001}m^{(10)}_{110}m^{(21)}_{022}\\
&-m^{(00)}_{000}m^{(20)}_{001}m^{(10)}_{110}m^{(11)}_{013}-m^{(00)}_{000}m^{(20)}_{001}m^{(11)}_{110}m^{(21)}_{112}+m^{(00)}_{000}m^{(20)}_{001}m^{(11)}_{110}m^{(10)}_{013}\\
&-m^{(00)}_{000}m^{(20)}_{001}m^{(20)}_{110}m^{(21)}_{031}+m^{(00)}_{000}m^{(20)}_{001}m^{(20)}_{110}m^{(11)}_{022}+m^{(00)}_{000}m^{(20)}_{001}m^{(21)}_{110}m^{(21)}_{121}\\
&+m^{(00)}_{000}m^{(20)}_{001}m^{(21)}_{110}m^{(11)}_{112}-2m^{(00)}_{000}m^{(20)}_{001}m^{(21)}_{110}m^{(10)}_{022}-m^{(00)}_{000}m^{(20)}_{001}m^{(22)}_{110}m^{(11)}_{121}\\
&+m^{(00)}_{000}m^{(20)}_{001}m^{(22)}_{110}m^{(10)}_{031}-m^{(00)}_{000}m^{(20)}_{001}m^{(10)}_{101}m^{(21)}_{031}+m^{(00)}_{000}m^{(20)}_{001}m^{(10)}_{101}m^{(11)}_{022}\\
&+m^{(00)}_{000}m^{(20)}_{001}m^{(11)}_{101}m^{(21)}_{121}-m^{(00)}_{000}m^{(20)}_{001}m^{(11)}_{101}m^{(10)}_{022}+m^{(00)}_{000}m^{(20)}_{001}m^{(20)}_{101}m^{(21)}_{040}\\
&-m^{(00)}_{000}m^{(20)}_{001}m^{(20)}_{101}m^{(11)}_{031}-m^{(00)}_{000}m^{(20)}_{001}m^{(21)}_{101}m^{(21)}_{130}-m^{(00)}_{000}m^{(20)}_{001}m^{(21)}_{101}m^{(11)}_{121}\\
&+2m^{(00)}_{000}m^{(20)}_{001}m^{(21)}_{101}m^{(10)}_{031}+m^{(00)}_{000}m^{(20)}_{001}m^{(22)}_{101}m^{(11)}_{130}-m^{(00)}_{000}m^{(20)}_{001}m^{(22)}_{101}m^{(10)}_{040}\\
&-m^{(00)}_{000}m^{(20)}_{001}m^{(10)}_{020}m^{(21)}_{112}+m^{(00)}_{000}m^{(20)}_{001}m^{(10)}_{020}m^{(11)}_{103}+m^{(00)}_{000}m^{(20)}_{001}m^{(11)}_{020}m^{(21)}_{202}\\
&-m^{(00)}_{000}m^{(20)}_{001}m^{(11)}_{020}m^{(10)}_{103}+m^{(00)}_{000}m^{(20)}_{001}m^{(20)}_{020}m^{(21)}_{121}-m^{(00)}_{000}m^{(20)}_{001}m^{(20)}_{020}m^{(11)}_{112}\\
&-m^{(00)}_{000}m^{(20)}_{001}m^{(21)}_{020}m^{(21)}_{211}-m^{(00)}_{000}m^{(20)}_{001}m^{(21)}_{020}m^{(11)}_{202}+2m^{(00)}_{000}m^{(20)}_{001}m^{(21)}_{020}m^{(10)}_{112}\\
&+m^{(00)}_{000}m^{(20)}_{001}m^{(22)}_{020}m^{(11)}_{211}-m^{(00)}_{000}m^{(20)}_{001}m^{(22)}_{020}m^{(10)}_{121}+m^{(00)}_{000}m^{(20)}_{001}m^{(10)}_{011}m^{(21)}_{121}\\
&-m^{(00)}_{000}m^{(20)}_{001}m^{(10)}_{011}m^{(11)}_{112}-m^{(00)}_{000}m^{(20)}_{001}m^{(11)}_{011}m^{(21)}_{211}+m^{(00)}_{000}m^{(20)}_{001}m^{(11)}_{011}m^{(10)}_{112}\\
&-m^{(00)}_{000}m^{(20)}_{001}m^{(20)}_{011}m^{(21)}_{130}+m^{(00)}_{000}m^{(20)}_{001}m^{(20)}_{011}m^{(11)}_{121}+m^{(00)}_{000}m^{(20)}_{001}m^{(21)}_{011}m^{(21)}_{220}\\
&+m^{(00)}_{000}m^{(20)}_{001}m^{(21)}_{011}m^{(11)}_{211}-2m^{(00)}_{000}m^{(20)}_{001}m^{(21)}_{011}m^{(10)}_{121}-m^{(00)}_{000}m^{(20)}_{001}m^{(22)}_{011}m^{(11)}_{220}\\
&+m^{(00)}_{000}m^{(20)}_{001}m^{(22)}_{011}m^{(10)}_{130}-m^{(00)}_{000}m^{(21)}_{001}m^{(00)}_{110}m^{(22)}_{031}+m^{(00)}_{000}m^{(21)}_{001}m^{(00)}_{110}m^{(11)}_{013}\\
&+2m^{(00)}_{000}m^{(21)}_{001}m^{(10)}_{110}m^{(22)}_{121}-m^{(00)}_{000}m^{(21)}_{001}m^{(10)}_{110}m^{(20)}_{022}-m^{(00)}_{000}m^{(21)}_{001}m^{(10)}_{110}m^{(10)}_{013}\\
&-m^{(00)}_{000}m^{(21)}_{001}m^{(11)}_{110}m^{(22)}_{211}+m^{(00)}_{000}m^{(21)}_{001}m^{(11)}_{110}m^{(20)}_{112}-2m^{(00)}_{000}m^{(21)}_{001}m^{(20)}_{110}m^{(11)}_{112}\\
&+m^{(00)}_{000}m^{(21)}_{001}m^{(20)}_{110}m^{(20)}_{031}+m^{(00)}_{000}m^{(21)}_{001}m^{(20)}_{110}m^{(10)}_{022}-m^{(00)}_{000}m^{(21)}_{001}m^{(21)}_{110}m^{(20)}_{121}\\
&+m^{(00)}_{000}m^{(21)}_{001}m^{(21)}_{110}m^{(10)}_{112}+m^{(00)}_{000}m^{(21)}_{001}m^{(22)}_{110}m^{(11)}_{211}-m^{(00)}_{000}m^{(21)}_{001}m^{(22)}_{110}m^{(10)}_{121}\\
&+m^{(00)}_{000}m^{(21)}_{001}m^{(00)}_{101}m^{(22)}_{040}-m^{(00)}_{000}m^{(21)}_{001}m^{(00)}_{101}m^{(11)}_{022}-2m^{(00)}_{000}m^{(21)}_{001}m^{(10)}_{101}m^{(22)}_{130}\\
&+m^{(00)}_{000}m^{(21)}_{001}m^{(10)}_{101}m^{(20)}_{031}+m^{(00)}_{000}m^{(21)}_{001}m^{(10)}_{101}m^{(10)}_{022}+m^{(00)}_{000}m^{(21)}_{001}m^{(11)}_{101}m^{(22)}_{220}\\
&-m^{(00)}_{000}m^{(21)}_{001}m^{(11)}_{101}m^{(20)}_{121}+2m^{(00)}_{000}m^{(21)}_{001}m^{(20)}_{101}m^{(11)}_{121}-m^{(00)}_{000}m^{(21)}_{001}m^{(20)}_{101}m^{(20)}_{040}\\
&-m^{(00)}_{000}m^{(21)}_{001}m^{(20)}_{101}m^{(10)}_{031}+m^{(00)}_{000}m^{(21)}_{001}m^{(21)}_{101}m^{(20)}_{130}-m^{(00)}_{000}m^{(21)}_{001}m^{(21)}_{101}m^{(10)}_{121}\\
&-m^{(00)}_{000}m^{(21)}_{001}m^{(22)}_{101}m^{(11)}_{220}+m^{(00)}_{000}m^{(21)}_{001}m^{(22)}_{101}m^{(10)}_{130}+m^{(00)}_{000}m^{(21)}_{001}m^{(00)}_{020}m^{(22)}_{121}\\
&-m^{(00)}_{000}m^{(21)}_{001}m^{(00)}_{020}m^{(11)}_{103}-2m^{(00)}_{000}m^{(21)}_{001}m^{(10)}_{020}m^{(22)}_{211}+m^{(00)}_{000}m^{(21)}_{001}m^{(10)}_{020}m^{(20)}_{112}
\end{aligned}
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$$+m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{103}^{(10)}+m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(11)}m_{301}^{(22)}-m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(11)}m_{202}^{(20)}$$
$$+2m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{202}^{(11)}-m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{121}^{(20)}-m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{112}^{(10)}$$
$$+m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{211}^{(20)}-m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{202}^{(10)}-m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{301}^{(11)}$$
$$+m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{211}^{(10)}-m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(00)}m_{130}^{(22)}+m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(00)}m_{112}^{(11)}$$
$$+2m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{220}^{(22)}-m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{121}^{(20)}-m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{112}^{(10)}$$
$$-m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{310}^{(22)}+m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{211}^{(20)}-2m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{211}^{(11)}$$
$$+m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{130}^{(20)}+m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{121}^{(10)}-m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{220}^{(20)}$$
$$+m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{211}^{(10)}+m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(22)}m_{310}^{(11)}-m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(22)}m_{220}^{(10)}$$
$$+m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(00)}m_{031}^{(21)}-m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(00)}m_{022}^{(11)}-2m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{121}^{(21)}$$
$$+m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{112}^{(11)}+m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{022}^{(10)}+m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(11)}m_{211}^{(21)}$$
$$-m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(11)}m_{112}^{(10)}+m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(20)}m_{121}^{(11)}-m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(20)}m_{031}^{(10)}$$
$$-m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(21)}m_{211}^{(11)}+m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(21)}m_{121}^{(10)}-m_{000}^{(00)}m_{001}^{(22)}m_{101}^{(00)}m_{040}^{(21)}$$
$$+m_{000}^{(00)}m_{001}^{(22)}m_{101}^{(00)}m_{031}^{(11)}+2m_{000}^{(00)}m_{001}^{(22)}m_{101}^{(10)}m_{130}^{(21)}-m_{000}^{(00)}m_{001}^{(22)}m_{101}^{(10)}m_{121}^{(11)}$$
$$-m_{000}^{(00)}m_{001}^{(22)}m_{101}^{(10)}m_{031}^{(10)}-m_{000}^{(00)}m_{001}^{(22)}m_{101}^{(11)}m_{220}^{(21)}+m_{000}^{(00)}m_{001}^{(22)}m_{101}^{(11)}m_{121}^{(10)}$$
$$-m_{000}^{(00)}m_{001}^{(22)}m_{101}^{(20)}m_{130}^{(11)}+m_{000}^{(00)}m_{001}^{(22)}m_{101}^{(20)}m_{040}^{(10)}+m_{000}^{(00)}m_{001}^{(22)}m_{101}^{(21)}m_{220}^{(11)}$$
$$-m_{000}^{(00)}m_{001}^{(22)}m_{101}^{(21)}m_{130}^{(10)}-m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(00)}m_{121}^{(21)}+m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(00)}m_{112}^{(11)}$$
$$+2m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(10)}m_{211}^{(21)}-m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(10)}m_{202}^{(11)}-m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(10)}m_{112}^{(10)}$$
$$-m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(11)}m_{301}^{(21)}+m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(11)}m_{202}^{(10)}-m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(20)}m_{211}^{(11)}$$
$$+m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(20)}m_{121}^{(10)}+m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(21)}m_{301}^{(11)}-m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(21)}m_{211}^{(10)}$$
$$+m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(00)}m_{130}^{(21)}-m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(00)}m_{121}^{(11)}-2m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(10)}m_{220}^{(21)}$$
$$+m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(10)}m_{211}^{(11)}+m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(10)}m_{121}^{(10)}+m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(11)}m_{310}^{(21)}$$
$$-m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(11)}m_{211}^{(10)}+m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(20)}m_{220}^{(11)}-m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(20)}m_{130}^{(10)}$$
$$-m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(21)}m_{310}^{(11)}+m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(21)}m_{220}^{(10)}+m_{000}^{(10)}m_{100}^{(00)}m_{020}^{(10)}m_{013}^{(22)}$$
$$-m_{000}^{(10)}m_{100}^{(00)}m_{020}^{(10)}m_{004}^{(21)}-m_{000}^{(10)}m_{100}^{(00)}m_{020}^{(11)}m_{103}^{(22)}+m_{000}^{(10)}m_{100}^{(00)}m_{020}^{(11)}m_{004}^{(20)}$$
$$-m_{000}^{(10)}m_{100}^{(00)}m_{020}^{(20)}m_{022}^{(22)}+m_{000}^{(10)}m_{100}^{(00)}m_{020}^{(20)}m_{013}^{(21)}+m_{000}^{(10)}m_{100}^{(00)}m_{020}^{(21)}m_{112}^{(22)}$$
$$+m_{000}^{(10)}m_{100}^{(00)}m_{020}^{(21)}m_{103}^{(21)}-2m_{000}^{(10)}m_{100}^{(00)}m_{020}^{(21)}m_{013}^{(20)}-m_{000}^{(10)}m_{100}^{(00)}m_{020}^{(22)}m_{112}^{(21)}$$
$$+m_{000}^{(10)}m_{100}^{(00)}m_{020}^{(22)}m_{022}^{(20)}-2m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(10)}m_{022}^{(22)}+2m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(10)}m_{013}^{(21)}$$
$$+2m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(11)}m_{112}^{(22)}-2m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(11)}m_{013}^{(20)}+2m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(20)}m_{031}^{(22)}$$
$$-2m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(20)}m_{022}^{(21)}-2m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(21)}m_{121}^{(22)}-2m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(21)}m_{112}^{(21)}$$
$$+4m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(21)}m_{022}^{(20)}+2m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(22)}m_{121}^{(21)}-2m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(22)}m_{031}^{(20)}$$
$$+m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(10)}m_{031}^{(22)}-m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(10)}m_{022}^{(21)}-m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(11)}m_{121}^{(22)}$$
$$+m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(11)}m_{022}^{(20)}-m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(20)}m_{040}^{(22)}+m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(20)}m_{031}^{(21)}$$
$$+m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(21)}m_{130}^{(22)}+m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(21)}m_{121}^{(21)}-2m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(21)}m_{031}^{(20)}$$
$$-m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(22)}m_{130}^{(21)}+m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(22)}m_{040}^{(20)}+m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(10)}m_{013}^{(22)}$$
$$-m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(10)}m_{004}^{(21)}-m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(11)}m_{103}^{(22)}+m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(11)}m_{004}^{(20)}$$
$$-m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(20)}m_{022}^{(22)}+m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(20)}m_{013}^{(21)}+m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(21)}m_{112}^{(22)}$$
$$+m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(21)}m_{103}^{(21)}-2m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(21)}m_{013}^{(20)}-m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(22)}m_{112}^{(21)}$$
$$+m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(22)}m_{022}^{(20)}-m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(10)}m_{022}^{(22)}+m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(10)}m_{013}^{(21)}$$

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&+m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(11)}m_{112}^{(22)} - m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(11)}m_{013}^{(20)} + m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(20)}m_{031}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(20)}m_{022}^{(21)} - m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(21)}m_{121}^{(22)} - m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(21)}m_{112}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(21)}m_{022}^{(20)} + m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(22)}m_{121}^{(21)} - m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(22)}m_{031}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(00)}m_{013}^{(22)} + m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(00)}m_{004}^{(21)} + m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(10)}m_{103}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(10)}m_{004}^{(20)} + m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(20)}m_{112}^{(22)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(20)}m_{103}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(20)}m_{013}^{(20)} - m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(21)}m_{202}^{(22)} + m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(21)}m_{103}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(22)}m_{202}^{(21)} - m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(22)}m_{112}^{(20)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(00)}m_{022}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(00)}m_{013}^{(21)} - 3m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(10)}m_{112}^{(22)} + m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(10)}m_{103}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(10)}m_{013}^{(20)} + m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(11)}m_{202}^{(22)} - m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(11)}m_{103}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(20)}m_{121}^{(22)} + 3m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(20)}m_{112}^{(21)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(20)}m_{022}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(21)}m_{211}^{(22)} - m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(21)}m_{202}^{(21)} - m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(22)}m_{211}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(22)}m_{121}^{(20)} - m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(00)}m_{031}^{(22)} + m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(00)}m_{022}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(10)}m_{121}^{(22)} - m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(10)}m_{112}^{(21)} - m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(10)}m_{022}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(11)}m_{211}^{(22)} + m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(11)}m_{112}^{(20)} - m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(20)}m_{121}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(20)}m_{031}^{(20)} + m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(21)}m_{211}^{(21)} - m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(21)}m_{121}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(00)}m_{013}^{(22)} + m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(00)}m_{004}^{(21)} + m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(10)}m_{103}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(10)}m_{004}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(20)}m_{112}^{(22)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(20)}m_{103}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(20)}m_{013}^{(20)} - m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(21)}m_{202}^{(22)} + m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(21)}m_{103}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(22)}m_{202}^{(21)} - m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(22)}m_{112}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(00)}m_{022}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(00)}m_{013}^{(21)} - m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(10)}m_{112}^{(22)} + m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(10)}m_{013}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(20)}m_{121}^{(22)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(20)}m_{112}^{(21)} - m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(20)}m_{022}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(21)}m_{211}^{(22)} - m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(21)}m_{112}^{(20)} - m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(22)}m_{211}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(22)}m_{121}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(00)}m_{112}^{(22)} - m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(00)}m_{103}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(10)}m_{202}^{(22)} + m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(10)}m_{103}^{(20)} - m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(20)}m_{211}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(20)}m_{202}^{(21)} - m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(20)}m_{112}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(21)}m_{301}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(21)}m_{202}^{(20)} - m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(22)}m_{301}^{(21)} + m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(22)}m_{211}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(00)}m_{121}^{(22)} + m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(00)}m_{112}^{(21)} + m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(10)}m_{211}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(10)}m_{112}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(20)}m_{220}^{(22)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(20)}m_{211}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(20)}m_{121}^{(20)} - m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(21)}m_{310}^{(22)} + m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(21)}m_{211}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(22)}m_{310}^{(21)} - m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(22)}m_{220}^{(20)} - m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(10)}m_{013}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(10)}m_{004}^{(11)} + m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(11)}m_{103}^{(21)} - m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(11)}m_{004}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(20)}m_{022}^{(21)} - m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(20)}m_{013}^{(11)} - m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{112}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{103}^{(11)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{013}^{(10)} + m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(22)}m_{112}^{(11)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(22)}m_{022}^{(10)} + m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(10)}m_{022}^{(21)} - m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(10)}m_{013}^{(11)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(11)}m_{112}^{(21)} + m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(11)}m_{013}^{(10)} - m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(20)}m_{031}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(20)}m_{022}^{(11)} + m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{121}^{(21)} + m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{112}^{(11)}\\
&-2m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{022}^{(10)} - m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(22)}m_{121}^{(11)} + m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(22)}m_{031}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(00)}m_{022}^{(22)} - m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(00)}m_{013}^{(21)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(10)}m_{112}^{(22)}
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&+m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(10)}m_{103}^{(21)}+m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(10)}m_{004}^{(10)}+m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(11)}m_{202}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(11)}m_{004}^{(00)}+m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(20)}m_{112}^{(21)}-m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(20)}m_{013}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(21)}m_{202}^{(21)}-m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(21)}m_{103}^{(10)}+2m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(21)}m_{013}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(22)}m_{112}^{(10)}-m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(22)}m_{022}^{(00)}-2m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(00)}m_{031}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(00)}m_{022}^{(21)}+4m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(10)}m_{121}^{(22)}-m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(10)}m_{112}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(10)}m_{103}^{(11)}-2m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(10)}m_{013}^{(10)}-2m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(11)}m_{211}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(11)}m_{202}^{(21)}+m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(11)}m_{103}^{(10)}+2m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(11)}m_{013}^{(00)}\\
&-3m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(20)}m_{121}^{(21)}+m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(20)}m_{112}^{(11)}+2m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(20)}m_{022}^{(10)}\\
&+3m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{211}^{(21)}+m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{202}^{(11)}-4m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{022}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(22)}m_{211}^{(11)}-m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(22)}m_{121}^{(10)}+2m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(22)}m_{031}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(00)}m_{040}^{(22)}-m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(00)}m_{031}^{(21)}-2m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(10)}m_{130}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(10)}m_{112}^{(11)}+m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(10)}m_{022}^{(10)}+m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(11)}m_{220}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(11)}m_{211}^{(21)}-m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(11)}m_{112}^{(10)}-m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(11)}m_{022}^{(00)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(20)}m_{130}^{(21)}-m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(20)}m_{121}^{(11)}-m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(20)}m_{031}^{(10)}\\
&-2m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(21)}m_{220}^{(21)}-m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(21)}m_{211}^{(11)}+m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(21)}m_{121}^{(10)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(21)}m_{031}^{(00)}+m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(22)}m_{220}^{(11)}-m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(22)}m_{040}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(00)}m_{022}^{(22)}-m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(00)}m_{004}^{(11)}-2m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(10)}m_{112}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(10)}m_{013}^{(20)}+m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(10)}m_{004}^{(10)}+m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(11)}m_{202}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(11)}m_{103}^{(20)}+2m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(20)}m_{103}^{(11)}-m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(20)}m_{022}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(20)}m_{013}^{(10)}+m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{112}^{(20)}-m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{103}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(22)}m_{202}^{(11)}+m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(22)}m_{112}^{(10)}-m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(00)}m_{031}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(00)}m_{013}^{(11)}+2m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(10)}m_{121}^{(22)}-m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(10)}m_{022}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(10)}m_{013}^{(10)}-m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(11)}m_{211}^{(22)}+m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(11)}m_{112}^{(20)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(20)}m_{112}^{(11)}+m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(20)}m_{031}^{(20)}+m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(20)}m_{022}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{121}^{(20)}+m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{112}^{(10)}+m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(22)}m_{211}^{(11)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(22)}m_{121}^{(10)}+m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(00)}m_{013}^{(20)}-m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(00)}m_{004}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(10)}m_{103}^{(20)}+m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(10)}m_{004}^{(00)}-m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(20)}m_{112}^{(20)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(20)}m_{103}^{(10)}-m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(20)}m_{013}^{(00)}+m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(21)}m_{202}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(21)}m_{103}^{(00)}-m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(22)}m_{202}^{(10)}+m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(22)}m_{112}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(00)}m_{121}^{(22)}+m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(00)}m_{103}^{(11)}-2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(00)}m_{022}^{(20)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(00)}m_{013}^{(10)}+2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{211}^{(22)}+m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{112}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{103}^{(10)}-2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{013}^{(00)}-m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(11)}m_{301}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(11)}m_{202}^{(20)}-2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{202}^{(11)}+3m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{121}^{(20)}\\
&-3m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{112}^{(10)}+2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{022}^{(00)}-3m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{211}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{202}^{(10)}+2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{112}^{(00)}+m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(22)}m_{301}^{(11)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(22)}m_{211}^{(10)}-2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(22)}m_{121}^{(00)}+m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(00)}m_{130}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(00)}m_{112}^{(11)}+m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(00)}m_{031}^{(20)}-m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(00)}m_{022}^{(10)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{220}^{(22)}+m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{112}^{(10)}+m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{022}^{(00)}
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&+m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(11)}m_{310}^{(22)} - m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(11)}m_{211}^{(20)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(20)}m_{211}^{(11)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(20)}m_{130}^{(20)} + m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(20)}m_{121}^{(10)} - m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(20)}m_{031}^{(00)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(21)}m_{220}^{(20)} - m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(21)}m_{211}^{(10)} - m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(21)}m_{121}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(22)}m_{310}^{(11)} + m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(22)}m_{130}^{(00)} - m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(00)}m_{022}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(00)}m_{013}^{(11)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(10)}m_{112}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(10)}m_{103}^{(11)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(10)}m_{013}^{(10)} - m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(11)}m_{202}^{(21)} + m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(11)}m_{103}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(20)}m_{112}^{(11)} + m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(20)}m_{022}^{(10)} + m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{202}^{(11)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{112}^{(10)} + m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(00)}m_{031}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(00)}m_{022}^{(11)}\\
&-2m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(10)}m_{121}^{(21)} + m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(10)}m_{112}^{(11)} + m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(10)}m_{022}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(11)}m_{211}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(11)}m_{112}^{(10)} + m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(20)}m_{121}^{(11)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(20)}m_{031}^{(10)} - m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(21)}m_{211}^{(11)} + m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(21)}m_{121}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(00)}m_{022}^{(20)} + m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(00)}m_{013}^{(10)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(10)}m_{112}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(10)}m_{103}^{(10)} - m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(10)}m_{013}^{(00)} - m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(11)}m_{202}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(11)}m_{103}^{(00)} - m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(20)}m_{112}^{(10)} + m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(20)}m_{022}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(21)}m_{202}^{(10)} - m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(21)}m_{112}^{(00)} + m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(00)}m_{121}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(00)}m_{112}^{(11)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(00)}m_{031}^{(20)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(00)}m_{022}^{(10)}\\
&-2m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(10)}m_{211}^{(21)} + m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(10)}m_{202}^{(11)} - 4m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(10)}m_{121}^{(20)}\\
&+3m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(10)}m_{112}^{(10)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(10)}m_{022}^{(00)} + m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(11)}m_{301}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(11)}m_{211}^{(20)} - m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(11)}m_{202}^{(10)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(11)}m_{112}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(20)}m_{211}^{(11)} + m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(20)}m_{121}^{(10)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(20)}m_{031}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(21)}m_{301}^{(11)} - m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(21)}m_{211}^{(10)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(21)}m_{121}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(00)}m_{130}^{(21)} + m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(00)}m_{121}^{(11)} - m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(00)}m_{040}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(00)}m_{031}^{(10)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(10)}m_{220}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(10)}m_{211}^{(11)}\\
&+2m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(10)}m_{130}^{(20)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(10)}m_{121}^{(10)} - m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(10)}m_{031}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(11)}m_{310}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(11)}m_{220}^{(20)} + m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(11)}m_{211}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(11)}m_{121}^{(00)} - m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(20)}m_{121}^{(11)} + m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(20)}m_{040}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(21)}m_{310}^{(11)} - m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(21)}m_{130}^{(00)} - m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(10)}m_{013}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(10)}m_{004}^{(21)} + m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(11)}m_{103}^{(22)} - m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(11)}m_{004}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(20)}m_{022}^{(22)} - m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(20)}m_{013}^{(21)} - m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(21)}m_{112}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(21)}m_{103}^{(21)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(21)}m_{013}^{(20)} + m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(22)}m_{112}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(22)}m_{022}^{(20)} + m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(10)}m_{022}^{(22)} - m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(10)}m_{013}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(11)}m_{112}^{(22)} + m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(11)}m_{013}^{(20)} - m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(20)}m_{031}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(20)}m_{022}^{(21)} + m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(21)}m_{121}^{(22)} + m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(21)}m_{112}^{(21)}\\
&-2m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(21)}m_{022}^{(20)} - m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(22)}m_{121}^{(21)} + m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(22)}m_{031}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(10)}m_{112}^{(22)} - m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(10)}m_{103}^{(21)} - m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(11)}m_{202}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(11)}m_{103}^{(20)} - m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(20)}m_{121}^{(22)} + m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(20)}m_{112}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{211}^{(22)} + m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{202}^{(21)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{112}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(22)}m_{211}^{(21)} + m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(22)}m_{121}^{(20)} - m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(10)}m_{121}^{(22)}
\end{aligned}
$$

$$+m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(10)}m_{112}^{(21)}+m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(11)}m_{211}^{(22)}-m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(11)}m_{112}^{(20)}$$
$$+m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(20)}m_{130}^{(22)}-m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(20)}m_{121}^{(21)}-m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(21)}m_{220}^{(22)}$$
$$-m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(21)}m_{211}^{(21)}+2m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(21)}m_{121}^{(20)}+m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(22)}m_{220}^{(21)}$$
$$-m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(22)}m_{130}^{(20)}-m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(10)}m_{013}^{(22)}+m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(10)}m_{004}^{(21)}$$
$$+m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(11)}m_{103}^{(22)}-m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(11)}m_{004}^{(20)}+m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(20)}m_{022}^{(22)}$$
$$-m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(20)}m_{013}^{(21)}-m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(21)}m_{112}^{(22)}-m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(21)}m_{103}^{(21)}$$
$$+2m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(21)}m_{013}^{(20)}+m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(22)}m_{112}^{(21)}-m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(22)}m_{022}^{(20)}$$
$$+m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(00)}m_{013}^{(22)}-m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(00)}m_{004}^{(21)}-m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(10)}m_{103}^{(22)}$$
$$+m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(10)}m_{004}^{(20)}-m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(20)}m_{112}^{(22)}+2m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(20)}m_{103}^{(21)}$$
$$-m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(20)}m_{013}^{(20)}+m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(21)}m_{202}^{(22)}-m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(21)}m_{103}^{(20)}$$
$$-m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(22)}m_{202}^{(21)}+m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(22)}m_{112}^{(20)}-m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(00)}m_{022}^{(22)}$$
$$+m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(00)}m_{013}^{(21)}+3m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(10)}m_{112}^{(22)}-2m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(10)}m_{103}^{(21)}$$
$$-m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(10)}m_{013}^{(20)}-2m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(11)}m_{202}^{(22)}+2m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(11)}m_{103}^{(20)}$$
$$-m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(20)}m_{121}^{(22)}+m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(20)}m_{022}^{(20)}+m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(21)}m_{211}^{(22)}$$
$$+2m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(21)}m_{202}^{(21)}-3m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(21)}m_{112}^{(20)}-m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{211}^{(21)}$$
$$+m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{121}^{(20)}-m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(00)}m_{112}^{(22)}+m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(00)}m_{103}^{(21)}$$
$$+m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(10)}m_{202}^{(22)}-m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(10)}m_{103}^{(20)}+m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(20)}m_{211}^{(22)}$$
$$-2m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(20)}m_{202}^{(21)}+m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(20)}m_{112}^{(20)}-m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(21)}m_{301}^{(22)}$$
$$+m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(21)}m_{202}^{(20)}+m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(22)}m_{301}^{(21)}-m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(22)}m_{211}^{(20)}$$
$$+m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(00)}m_{121}^{(22)}-m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(00)}m_{112}^{(21)}-2m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(10)}m_{211}^{(22)}$$
$$+m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(10)}m_{202}^{(21)}+m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(10)}m_{112}^{(20)}+m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(11)}m_{301}^{(22)}$$
$$-m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(11)}m_{202}^{(20)}+m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(20)}m_{211}^{(21)}-m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(20)}m_{121}^{(20)}$$
$$-m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(21)}m_{301}^{(21)}+m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(21)}m_{211}^{(20)}+m_{000}^{(10)}m_{010}^{(11)}m_{200}^{(00)}m_{013}^{(22)}$$
$$-m_{000}^{(10)}m_{010}^{(11)}m_{200}^{(00)}m_{004}^{(21)}-m_{000}^{(10)}m_{010}^{(11)}m_{200}^{(10)}m_{103}^{(22)}+m_{000}^{(10)}m_{010}^{(11)}m_{200}^{(10)}m_{004}^{(20)}$$
$$-m_{000}^{(10)}m_{010}^{(11)}m_{200}^{(20)}m_{112}^{(22)}+2m_{000}^{(10)}m_{010}^{(11)}m_{200}^{(20)}m_{103}^{(21)}-m_{000}^{(10)}m_{010}^{(11)}m_{200}^{(20)}m_{013}^{(20)}$$
$$+m_{000}^{(10)}m_{010}^{(11)}m_{200}^{(21)}m_{202}^{(22)}-m_{000}^{(10)}m_{010}^{(11)}m_{200}^{(21)}m_{103}^{(20)}-m_{000}^{(10)}m_{010}^{(11)}m_{200}^{(22)}m_{202}^{(21)}$$
$$+m_{000}^{(10)}m_{010}^{(11)}m_{200}^{(22)}m_{112}^{(20)}-2m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(00)}m_{112}^{(22)}+2m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(00)}m_{103}^{(21)}$$
$$+2m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(10)}m_{202}^{(22)}-2m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(10)}m_{103}^{(20)}+2m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{211}^{(22)}$$
$$-4m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{202}^{(21)}+2m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{112}^{(20)}-2m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(21)}m_{301}^{(22)}$$
$$+2m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(21)}m_{202}^{(20)}+2m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(22)}m_{301}^{(21)}-2m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(22)}m_{211}^{(20)}$$
$$+m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(00)}m_{211}^{(22)}-m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(00)}m_{202}^{(21)}-m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(10)}m_{301}^{(22)}$$
$$+m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(10)}m_{202}^{(20)}-m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(20)}m_{310}^{(22)}+2m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(20)}m_{301}^{(21)}$$
$$-m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(20)}m_{211}^{(20)}+m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(21)}m_{400}^{(22)}-m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(21)}m_{301}^{(20)}$$
$$-m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(22)}m_{400}^{(21)}+m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(22)}m_{310}^{(20)}+m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(10)}m_{013}^{(21)}$$
$$-m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(10)}m_{004}^{(11)}-m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(11)}m_{103}^{(21)}+m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(11)}m_{004}^{(10)}$$
$$-m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(20)}m_{022}^{(21)}+m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(20)}m_{013}^{(11)}+m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{112}^{(21)}$$
$$+m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{103}^{(11)}-2m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{013}^{(10)}-m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(22)}m_{112}^{(11)}$$
$$+m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(22)}m_{022}^{(10)}-m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(00)}m_{022}^{(22)}+m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(00)}m_{013}^{(21)}$$

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\begin{aligned}
&+2m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(10)}m_{112}^{(22)} - m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(10)}m_{103}^{(21)} - m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(10)}m_{004}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(11)}m_{202}^{(22)} + m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(11)}m_{004}^{(00)} - m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{112}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{013}^{(10)} + m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{202}^{(21)} + m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{103}^{(10)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{013}^{(00)} - m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{112}^{(10)} + m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{022}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(00)}m_{031}^{(22)} - m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(00)}m_{022}^{(21)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{121}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{112}^{(21)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{103}^{(11)} + m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{013}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(11)}m_{211}^{(22)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(11)}m_{202}^{(21)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(11)}m_{103}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(11)}m_{013}^{(00)} + 3m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(20)}m_{121}^{(21)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(20)}m_{112}^{(11)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(20)}m_{022}^{(10)} - 3m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{211}^{(21)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{202}^{(11)}\\
&+3m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{112}^{(10)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{022}^{(00)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{211}^{(11)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{121}^{(10)} - m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{031}^{(00)} + m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(00)}m_{121}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(00)}m_{112}^{(21)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{211}^{(22)} + m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{202}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{103}^{(10)} + m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(11)}m_{301}^{(22)} - m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(11)}m_{103}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{211}^{(21)} - m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{112}^{(10)} - m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{301}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{202}^{(10)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{112}^{(00)} + m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{211}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{121}^{(00)} - m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(00)}m_{130}^{(22)} + m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(00)}m_{121}^{(21)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{220}^{(22)} - m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{202}^{(11)} - m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{112}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(11)}m_{310}^{(22)} - m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(11)}m_{301}^{(21)} + m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(11)}m_{202}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(11)}m_{112}^{(00)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{220}^{(21)} + m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{211}^{(11)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{121}^{(10)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{310}^{(21)} + m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{301}^{(11)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{211}^{(10)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{121}^{(00)} - m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(22)}m_{310}^{(11)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(22)}m_{130}^{(00)} - m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(00)}m_{022}^{(22)} + m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(00)}m_{004}^{(11)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(10)}m_{112}^{(22)} - m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(10)}m_{013}^{(20)} - m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(10)}m_{004}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(11)}m_{202}^{(22)} + m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(11)}m_{103}^{(20)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(20)}m_{103}^{(11)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(20)}m_{022}^{(20)} + m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(20)}m_{013}^{(10)} - m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{112}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{103}^{(10)} + m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{202}^{(11)} - m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{112}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(00)}m_{013}^{(20)} + m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(00)}m_{004}^{(10)} + m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(10)}m_{103}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(10)}m_{004}^{(00)} + m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{112}^{(20)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{103}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{013}^{(00)} - m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(21)}m_{202}^{(20)} + m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(21)}m_{103}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{202}^{(10)} - m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{112}^{(00)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(00)}m_{121}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(00)}m_{103}^{(11)} + m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(00)}m_{022}^{(20)} - m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(00)}m_{013}^{(10)}\\
&-4m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{211}^{(22)} + m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{112}^{(20)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{103}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{013}^{(00)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(11)}m_{301}^{(22)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(11)}m_{202}^{(20)}\\
&+4m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{202}^{(11)} - 3m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{121}^{(20)} - m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{022}^{(00)}\\
&+3m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{211}^{(20)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{202}^{(10)} - m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{112}^{(00)}\\
&-2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{301}^{(11)} + m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{211}^{(10)} + m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{121}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(00)}m_{112}^{(20)} - m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(00)}m_{103}^{(10)} - m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(10)}m_{202}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(10)}m_{103}^{(00)} - m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{211}^{(20)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{202}^{(10)}
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&-m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{112}^{(00)} + m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(21)}m_{301}^{(20)} - m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(21)}m_{202}^{(00)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(22)}m_{301}^{(10)} + m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(22)}m_{211}^{(00)} - m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(00)}m_{220}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(00)}m_{202}^{(11)} - m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(00)}m_{121}^{(20)} + m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(00)}m_{112}^{(10)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{310}^{(22)} - m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{202}^{(10)} - m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{112}^{(00)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(11)}m_{400}^{(22)} + m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(11)}m_{301}^{(20)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{301}^{(11)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{220}^{(20)} - m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{211}^{(10)} + m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{121}^{(00)}\\
&-2m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{310}^{(20)} + m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{301}^{(10)} + m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{211}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(22)}m_{400}^{(11)} - m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(22)}m_{220}^{(00)} + m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(00)}m_{022}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(00)}m_{013}^{(11)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(10)}m_{112}^{(21)} + m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(10)}m_{103}^{(11)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(10)}m_{013}^{(10)} + m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(11)}m_{202}^{(21)} - m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(11)}m_{103}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(20)}m_{112}^{(11)} - m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(20)}m_{022}^{(10)} - m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(21)}m_{202}^{(11)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(21)}m_{112}^{(10)} + m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(00)}m_{022}^{(20)} - m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(00)}m_{013}^{(10)}\\
&-2m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{112}^{(20)} + m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{103}^{(10)} + m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{013}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(11)}m_{202}^{(20)} - m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(11)}m_{103}^{(00)} + m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{112}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{022}^{(00)} - m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{202}^{(10)} + m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{112}^{(00)}\\
&-2m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(00)}m_{121}^{(21)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(00)}m_{112}^{(11)} - m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(00)}m_{031}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(00)}m_{022}^{(10)} + 4m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{211}^{(21)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{202}^{(11)}\\
&+2m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{121}^{(20)} - 3m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{112}^{(10)} - m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{022}^{(00)}\\
&-2m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(11)}m_{301}^{(21)} - m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(11)}m_{211}^{(20)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(11)}m_{202}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(11)}m_{112}^{(00)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{211}^{(11)} + m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{121}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{031}^{(00)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{301}^{(11)} - m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{211}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{121}^{(00)} - m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{121}^{(20)} + m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{112}^{(10)}\\
&+2m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{211}^{(20)} - m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{202}^{(10)} - m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{112}^{(00)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(11)}m_{301}^{(20)} + m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(11)}m_{202}^{(00)} - m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{211}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{121}^{(00)} + m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(21)}m_{301}^{(10)} - m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(21)}m_{211}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(00)}m_{220}^{(21)} - m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(00)}m_{211}^{(11)} + m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(00)}m_{130}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(00)}m_{121}^{(10)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(10)}m_{310}^{(21)} + m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(10)}m_{301}^{(11)}\\
&-2m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(10)}m_{220}^{(20)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(10)}m_{211}^{(10)} + m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(10)}m_{121}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(11)}m_{400}^{(21)} + m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(11)}m_{310}^{(20)} - m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(11)}m_{301}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(11)}m_{211}^{(00)} + m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(20)}m_{310}^{(11)} - m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(20)}m_{130}^{(00)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(21)}m_{400}^{(11)} + m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(21)}m_{220}^{(00)} + m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(10)}m_{022}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(10)}m_{013}^{(21)} - m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(11)}m_{112}^{(22)} + m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(11)}m_{013}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(20)}m_{031}^{(22)} + m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(20)}m_{022}^{(21)} + m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{121}^{(22)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{112}^{(21)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{022}^{(20)} - m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(22)}m_{121}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(22)}m_{031}^{(20)} - m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(10)}m_{031}^{(22)} + m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(10)}m_{022}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(11)}m_{121}^{(22)} - m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(11)}m_{022}^{(20)} + m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(20)}m_{040}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(20)}m_{031}^{(21)} - m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{130}^{(22)} - m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{121}^{(21)}\\
&+2m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{031}^{(20)} + m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(22)}m_{130}^{(21)} - m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(22)}m_{040}^{(20)}
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&-m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(10)}m_{112}^{(22)}+m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(10)}m_{103}^{(21)}+m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(11)}m_{202}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(11)}m_{103}^{(20)}+m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(20)}m_{121}^{(22)}-m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(20)}m_{112}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(21)}m_{211}^{(22)}-m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(21)}m_{202}^{(21)}+2m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(21)}m_{112}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(22)}m_{211}^{(21)}-m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(22)}m_{121}^{(20)}+m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{121}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{112}^{(21)}-m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(11)}m_{211}^{(22)}+m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(11)}m_{112}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{130}^{(22)}+m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{121}^{(21)}+m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{220}^{(22)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{211}^{(21)}-2m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{121}^{(20)}-m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(22)}m_{220}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(22)}m_{130}^{(20)}+m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(10)}m_{022}^{(22)}-m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(10)}m_{013}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(11)}m_{112}^{(22)}+m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(11)}m_{013}^{(20)}-m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(20)}m_{031}^{(22)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(20)}m_{022}^{(21)}+m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{121}^{(22)}+m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{112}^{(21)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{022}^{(20)}-m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(22)}m_{121}^{(21)}+m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(22)}m_{031}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(00)}m_{022}^{(22)}+m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(00)}m_{013}^{(21)}+m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(10)}m_{103}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(10)}m_{013}^{(20)}+m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(11)}m_{202}^{(22)}-m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(11)}m_{103}^{(20)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{121}^{(22)}-3m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{112}^{(21)}+m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{022}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{211}^{(22)}-m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{202}^{(21)}+3m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{112}^{(20)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{211}^{(21)}-2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{121}^{(20)}+m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(00)}m_{031}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(00)}m_{022}^{(21)}-2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{121}^{(22)}+m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{112}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{022}^{(20)}+m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{211}^{(22)}-m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{112}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{121}^{(21)}-m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{031}^{(20)}-m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{211}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{121}^{(20)}+m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(00)}m_{112}^{(22)}-m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(00)}m_{103}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(10)}m_{202}^{(22)}+m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(10)}m_{103}^{(20)}-m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{211}^{(22)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{202}^{(21)}-m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{112}^{(20)}+m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(21)}m_{301}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(21)}m_{202}^{(20)}-m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(22)}m_{301}^{(21)}+m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(22)}m_{211}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{121}^{(22)}+m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{112}^{(21)}+2m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{211}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{202}^{(21)}-m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{112}^{(20)}-m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(11)}m_{301}^{(22)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(11)}m_{202}^{(20)}-m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{211}^{(21)}+m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{121}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{301}^{(21)}-m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{211}^{(20)}-m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(11)}m_{022}^{(22)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(00)}m_{013}^{(21)}+m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(10)}m_{112}^{(22)}-m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(10)}m_{013}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{121}^{(22)}-2m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{112}^{(21)}+m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{022}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{211}^{(22)}+m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{112}^{(20)}+m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{211}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{121}^{(20)}+m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(00)}m_{112}^{(22)}-m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(00)}m_{103}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(10)}m_{202}^{(22)}+m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(10)}m_{103}^{(20)}-m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{211}^{(22)}\\
&+2m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{202}^{(21)}-m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{112}^{(20)}+m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(21)}m_{301}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(21)}m_{202}^{(20)}-m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{301}^{(21)}+m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{211}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{121}^{(22)}-m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{112}^{(21)}-m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{211}^{(22)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{112}^{(20)}-m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{220}^{(22)}+2m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{211}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{121}^{(20)}+m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{310}^{(22)}-m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{211}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{310}^{(21)}+m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{220}^{(20)}-m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{211}^{(22)}
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&+m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{202}^{(21)} + m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(10)}m_{301}^{(22)} - m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(10)}m_{202}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{310}^{(22)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{301}^{(21)} + m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{211}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(21)}m_{400}^{(22)} + m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(21)}m_{301}^{(20)} + m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(22)}m_{400}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(22)}m_{310}^{(20)} - m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(10)}m_{022}^{(21)} + m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(10)}m_{013}^{(11)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{112}^{(21)} - m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{013}^{(10)} + m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(20)}m_{031}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(20)}m_{022}^{(11)} - m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{121}^{(21)} - m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{112}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{022}^{(10)} + m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(22)}m_{121}^{(11)} - m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(22)}m_{031}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(00)}m_{031}^{(22)} - m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(00)}m_{022}^{(21)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{121}^{(22)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{112}^{(21)} - m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{103}^{(11)} + m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{013}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{211}^{(22)} - m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{202}^{(21)} + m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{103}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{013}^{(00)} + m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{112}^{(11)} - m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{022}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{202}^{(11)} - 3m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{112}^{(10)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{022}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{211}^{(11)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{121}^{(10)} - m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{031}^{(00)}\\
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&-m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{112}^{(11)} - m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{022}^{(10)} - m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{220}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{211}^{(21)} + m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{112}^{(10)} + m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{022}^{(00)}\\
&-2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{130}^{(21)} + m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{121}^{(11)} + m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{031}^{(10)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{220}^{(21)} + m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{211}^{(11)} - m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{121}^{(10)}\\
&-2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{031}^{(00)} - m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(22)}m_{220}^{(11)} + m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(22)}m_{040}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{121}^{(22)} + m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{112}^{(21)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{211}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{202}^{(21)} - m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{103}^{(10)} - m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(11)}m_{301}^{(22)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(11)}m_{103}^{(00)} - m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{211}^{(21)} + m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{112}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{301}^{(21)} + m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{202}^{(10)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{112}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(22)}m_{211}^{(10)} + m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(22)}m_{121}^{(00)} + m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{130}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{121}^{(21)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{220}^{(22)} + m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{202}^{(11)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{112}^{(10)} + m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{310}^{(22)} + m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{301}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{202}^{(10)} - m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{112}^{(00)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{220}^{(21)}\\
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&-m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{301}^{(11)} + m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{211}^{(10)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{121}^{(00)}\\
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&-m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(00)}m_{013}^{(11)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{121}^{(22)} + m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{022}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{013}^{(10)} + m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{211}^{(22)} - m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{112}^{(20)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{112}^{(11)} - m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{031}^{(20)} - m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{022}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{121}^{(20)} - m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{112}^{(10)} - m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(22)}m_{211}^{(11)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(22)}m_{121}^{(10)} - m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{121}^{(22)} + m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{103}^{(11)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{022}^{(20)} - m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{013}^{(10)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{211}^{(22)}\\
&-2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{112}^{(20)} - m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{103}^{(10)} + m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{013}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(11)}m_{301}^{(22)} + m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(11)}m_{202}^{(20)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{202}^{(11)}
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&+3m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{112}^{(10)} - m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{022}^{(00)} + m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{202}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{112}^{(00)} + m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{301}^{(11)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{211}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{121}^{(00)} - m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{130}^{(22)} + m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{112}^{(11)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{031}^{(20)} + m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{022}^{(10)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{220}^{(22)}\\
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&+m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{211}^{(20)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{211}^{(11)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{130}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{121}^{(10)} + m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{031}^{(00)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{220}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{211}^{(10)} + m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{121}^{(00)} + m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(22)}m_{310}^{(11)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(22)}m_{130}^{(00)} - m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{112}^{(20)} + m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{103}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(10)}m_{202}^{(20)} - m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(10)}m_{103}^{(00)} + m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{211}^{(20)}\\
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&+m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(21)}m_{202}^{(00)} + m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(22)}m_{301}^{(10)} - m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(22)}m_{211}^{(00)}\\
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&+2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{301}^{(11)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{220}^{(20)} + m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{211}^{(10)}\\
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&-m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{211}^{(00)} - m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(22)}m_{400}^{(11)} + m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(22)}m_{220}^{(00)}\\
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&-m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{112}^{(11)} - m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{022}^{(10)} - m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{211}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{112}^{(10)} - m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(20)}m_{121}^{(11)} + m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(20)}m_{031}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{211}^{(11)} - m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{121}^{(10)} + m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{121}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{112}^{(11)} - m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{031}^{(20)} + m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{022}^{(10)}\\
&-2m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{211}^{(21)} + m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{202}^{(11)} + 2m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{121}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{022}^{(00)} + m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{301}^{(21)} - m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{211}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{202}^{(10)} + m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{112}^{(00)} + m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{211}^{(11)}\\
&-2m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{121}^{(10)} + m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{031}^{(00)} - m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{301}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{211}^{(10)} - m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{121}^{(00)} + m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(00)}m_{130}^{(21)}\\
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&-2m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(10)}m_{220}^{(21)} + m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(10)}m_{211}^{(11)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(10)}m_{130}^{(20)}\\
&+2m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(10)}m_{121}^{(10)} + m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(10)}m_{031}^{(00)} + m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(11)}m_{310}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(11)}m_{220}^{(20)} - m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(11)}m_{211}^{(10)} - m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(11)}m_{121}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(20)}m_{220}^{(11)} - m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(20)}m_{040}^{(00)} - m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(21)}m_{310}^{(11)}\\
&+m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(21)}m_{130}^{(00)} + m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{121}^{(20)} - m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{112}^{(10)}\\
&-2m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{211}^{(20)} + m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{202}^{(10)} + m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{112}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(11)}m_{301}^{(20)} - m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(11)}m_{202}^{(00)} + m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{211}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{121}^{(00)} - m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(21)}m_{301}^{(10)} + m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(21)}m_{211}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(00)}m_{220}^{(21)} + m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(00)}m_{211}^{(11)} - m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(00)}m_{130}^{(20)}
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&+m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(00)}m_{121}^{(10)} + 2m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(10)}m_{310}^{(21)} - m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(10)}m_{301}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(10)}m_{220}^{(20)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(10)}m_{211}^{(10)} - m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(10)}m_{121}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(11)}m_{400}^{(21)} - m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(11)}m_{310}^{(20)} + m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(11)}m_{301}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(11)}m_{211}^{(00)} - m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(20)}m_{310}^{(11)} + m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(20)}m_{130}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(21)}m_{400}^{(11)} - m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(21)}m_{220}^{(00)} - m_{000}^{(11)}m_{100}^{(00)}m_{110}^{(10)}m_{013}^{(22)}\\
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&-m_{000}^{(11)}m_{100}^{(00)}m_{110}^{(21)}m_{103}^{(21)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{110}^{(21)}m_{013}^{(20)} + m_{000}^{(11)}m_{100}^{(00)}m_{110}^{(22)}m_{112}^{(21)}\\
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&-m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(11)}m_{112}^{(22)} + m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(11)}m_{013}^{(20)} - m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(20)}m_{031}^{(22)}\\
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&-2m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(21)}m_{022}^{(20)} - m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(22)}m_{121}^{(21)} + m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(22)}m_{031}^{(20)}\\
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&+m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(11)}m_{103}^{(20)} - m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(20)}m_{121}^{(22)} + m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(20)}m_{112}^{(21)}\\
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&+m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(10)}m_{112}^{(21)} + m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(11)}m_{211}^{(22)} - m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(11)}m_{112}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(20)}m_{130}^{(22)} - m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(20)}m_{121}^{(21)} - m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(21)}m_{220}^{(22)}\\
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&+2m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(20)}m_{103}^{(21)} - m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(20)}m_{013}^{(20)} + m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(21)}m_{202}^{(22)}\\
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&-m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(10)}m_{013}^{(20)} + m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(20)}m_{121}^{(22)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(20)}m_{112}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(20)}m_{022}^{(20)} - m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(21)}m_{211}^{(22)} + m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(21)}m_{112}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(22)}m_{211}^{(21)} - m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(22)}m_{121}^{(20)} - m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(00)}m_{112}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(10)}m_{103}^{(21)} + m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(10)}m_{202}^{(22)} - m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(10)}m_{103}^{(20)}\\
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&+2m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(20)}m_{211}^{(21)} - m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(20)}m_{121}^{(20)} + m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(21)}m_{310}^{(22)}\\
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&+m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(21)}m_{202}^{(21)} + m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(21)}m_{103}^{(10)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(21)}m_{013}^{(00)}
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&-m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(22)}m_{112}^{(10)}+m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(22)}m_{022}^{(00)}+m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(00)}m_{031}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(00)}m_{022}^{(21)}-2m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(10)}m_{121}^{(22)}+m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(10)}m_{112}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(10)}m_{013}^{(10)}+m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(11)}m_{211}^{(22)}-m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(11)}m_{013}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(20)}m_{121}^{(21)}-m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(20)}m_{022}^{(10)}-m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(21)}m_{211}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(21)}m_{112}^{(10)}+2m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(21)}m_{022}^{(00)}+m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(22)}m_{121}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(22)}m_{031}^{(00)}+m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(00)}m_{121}^{(22)}-m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(00)}m_{112}^{(21)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(10)}m_{211}^{(22)}+m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(10)}m_{202}^{(21)}+m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(10)}m_{103}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(11)}m_{301}^{(22)}-m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(11)}m_{103}^{(00)}+m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{211}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{112}^{(10)}-m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(21)}m_{301}^{(21)}-m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(21)}m_{202}^{(10)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(21)}m_{112}^{(00)}+m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(22)}m_{211}^{(10)}-m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(22)}m_{121}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(00)}m_{130}^{(22)}+m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(00)}m_{121}^{(21)}+2m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(10)}m_{220}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(10)}m_{211}^{(21)}-m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(10)}m_{112}^{(10)}-m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(11)}m_{310}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(11)}m_{112}^{(00)}-m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(20)}m_{220}^{(21)}+m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(20)}m_{121}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(21)}m_{310}^{(21)}+m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(21)}m_{211}^{(10)}-2m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(21)}m_{121}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(22)}m_{220}^{(10)}+m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(22)}m_{130}^{(00)}-m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(00)}m_{013}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(00)}m_{004}^{(10)}+m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(10)}m_{103}^{(20)}-m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(10)}m_{004}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(20)}m_{112}^{(20)}-2m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(20)}m_{103}^{(10)}+m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(20)}m_{013}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(21)}m_{202}^{(20)}+m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(21)}m_{103}^{(00)}+m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(22)}m_{202}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(22)}m_{112}^{(00)}+m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(00)}m_{022}^{(20)}-m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(00)}m_{013}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(10)}m_{112}^{(20)}+m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(10)}m_{013}^{(00)}-m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{121}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{112}^{(10)}-m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{022}^{(00)}+m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(21)}m_{211}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(21)}m_{112}^{(00)}-m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(22)}m_{211}^{(10)}+m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(22)}m_{121}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(00)}m_{112}^{(20)}-m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(00)}m_{103}^{(10)}-m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(10)}m_{202}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(10)}m_{103}^{(00)}-m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(20)}m_{211}^{(20)}+2m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(20)}m_{202}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(20)}m_{112}^{(00)}+m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(21)}m_{301}^{(20)}-m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(21)}m_{202}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(22)}m_{301}^{(10)}+m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(22)}m_{211}^{(00)}-m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(00)}m_{121}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(00)}m_{112}^{(10)}+m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(10)}m_{211}^{(20)}-m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(10)}m_{112}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(20)}m_{220}^{(20)}-2m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(20)}m_{211}^{(10)}+m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(20)}m_{121}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(21)}m_{310}^{(20)}+m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(21)}m_{211}^{(00)}+m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(22)}m_{310}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(22)}m_{220}^{(00)}+m_{000}^{(11)}m_{100}^{(22)}m_{100}^{(00)}m_{110}^{(20)}m_{022}^{(10)}-m_{000}^{(11)}m_{100}^{(22)}m_{100}^{(00)}m_{110}^{(10)}m_{013}^{(20)}\\
&-2m_{000}^{(11)}m_{100}^{(22)}m_{100}^{(10)}m_{110}^{(20)}m_{112}^{(10)}+m_{000}^{(11)}m_{100}^{(22)}m_{100}^{(10)}m_{110}^{(10)}m_{103}^{(20)}+m_{000}^{(11)}m_{100}^{(22)}m_{100}^{(10)}m_{110}^{(20)}m_{013}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(11)}m_{202}^{(20)}-m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(11)}m_{103}^{(00)}+m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(20)}m_{112}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(20)}m_{022}^{(00)}-m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(21)}m_{202}^{(10)}+m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(21)}m_{112}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(00)}m_{031}^{(20)}+m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(00)}m_{022}^{(10)}+2m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(10)}m_{121}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(10)}m_{112}^{(10)}-m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(10)}m_{022}^{(00)}-m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(11)}m_{211}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(11)}m_{112}^{(00)}-m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(20)}m_{121}^{(10)}+m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(20)}m_{031}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(21)}m_{211}^{(10)}-m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(21)}m_{121}^{(00)}-m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(00)}m_{121}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(00)}m_{112}^{(10)}+2m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(10)}m_{211}^{(20)}-m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(10)}m_{202}^{(10)}
\end{aligned}
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\begin{aligned}
&-m^{(11)}_{000}m^{(22)}_{100}m^{(10)}_{011}m^{(00)}_{112} - m^{(11)}_{000}m^{(22)}_{100}m^{(11)}_{011}m^{(20)}_{301} + m^{(11)}_{000}m^{(22)}_{100}m^{(11)}_{011}m^{(00)}_{202}\\
&-m^{(11)}_{000}m^{(22)}_{100}m^{(20)}_{011}m^{(10)}_{211} + m^{(11)}_{000}m^{(22)}_{100}m^{(20)}_{011}m^{(00)}_{121} + m^{(11)}_{000}m^{(22)}_{100}m^{(21)}_{011}m^{(10)}_{301}\\
&-m^{(11)}_{000}m^{(22)}_{100}m^{(21)}_{011}m^{(00)}_{211} + m^{(11)}_{000}m^{(22)}_{100}m^{(00)}_{002}m^{(20)}_{130} - m^{(11)}_{000}m^{(22)}_{100}m^{(00)}_{002}m^{(10)}_{121}\\
&-2m^{(11)}_{000}m^{(22)}_{100}m^{(10)}_{002}m^{(20)}_{220} + m^{(11)}_{000}m^{(22)}_{100}m^{(10)}_{002}m^{(10)}_{211} + m^{(11)}_{000}m^{(22)}_{100}m^{(10)}_{002}m^{(00)}_{121}\\
&+m^{(11)}_{000}m^{(22)}_{100}m^{(11)}_{002}m^{(20)}_{310} - m^{(11)}_{000}m^{(22)}_{100}m^{(11)}_{002}m^{(00)}_{211} + m^{(11)}_{000}m^{(22)}_{100}m^{(20)}_{002}m^{(10)}_{220}\\
&-m^{(11)}_{000}m^{(22)}_{100}m^{(20)}_{002}m^{(00)}_{130} - m^{(11)}_{000}m^{(22)}_{100}m^{(21)}_{002}m^{(10)}_{310} + m^{(11)}_{000}m^{(22)}_{100}m^{(21)}_{002}m^{(00)}_{220}\\
&+m^{(11)}_{000}m^{(00)}_{010}m^{(10)}_{200}m^{(22)}_{013} - m^{(11)}_{000}m^{(00)}_{010}m^{(10)}_{200}m^{(21)}_{004} - m^{(11)}_{000}m^{(00)}_{010}m^{(11)}_{200}m^{(22)}_{103}\\
&+m^{(11)}_{000}m^{(00)}_{010}m^{(11)}_{200}m^{(20)}_{004} - m^{(11)}_{000}m^{(00)}_{010}m^{(20)}_{200}m^{(22)}_{022} + m^{(11)}_{000}m^{(00)}_{010}m^{(20)}_{200}m^{(21)}_{013}\\
&+m^{(11)}_{000}m^{(00)}_{010}m^{(21)}_{200}m^{(22)}_{112} + m^{(11)}_{000}m^{(00)}_{010}m^{(21)}_{200}m^{(21)}_{103} - 2m^{(11)}_{000}m^{(00)}_{010}m^{(21)}_{200}m^{(20)}_{013}\\
&-m^{(11)}_{000}m^{(00)}_{010}m^{(22)}_{200}m^{(21)}_{112} + m^{(11)}_{000}m^{(00)}_{010}m^{(22)}_{200}m^{(20)}_{022} - 2m^{(11)}_{000}m^{(00)}_{010}m^{(10)}_{101}m^{(22)}_{112}\\
&+2m^{(11)}_{000}m^{(00)}_{010}m^{(10)}_{101}m^{(21)}_{103} + 2m^{(11)}_{000}m^{(00)}_{010}m^{(11)}_{101}m^{(22)}_{202} - 2m^{(11)}_{000}m^{(00)}_{010}m^{(11)}_{101}m^{(20)}_{103}\\
&+2m^{(11)}_{000}m^{(00)}_{010}m^{(20)}_{101}m^{(22)}_{121} - 2m^{(11)}_{000}m^{(00)}_{010}m^{(20)}_{101}m^{(21)}_{112} - 2m^{(11)}_{000}m^{(00)}_{010}m^{(21)}_{101}m^{(22)}_{211}\\
&-2m^{(11)}_{000}m^{(00)}_{010}m^{(21)}_{101}m^{(21)}_{202} + 4m^{(11)}_{000}m^{(00)}_{010}m^{(21)}_{101}m^{(20)}_{112} + 2m^{(11)}_{000}m^{(00)}_{010}m^{(22)}_{101}m^{(21)}_{211}\\
&-2m^{(11)}_{000}m^{(00)}_{010}m^{(22)}_{101}m^{(20)}_{121} + m^{(11)}_{000}m^{(00)}_{010}m^{(10)}_{002}m^{(22)}_{211} - m^{(11)}_{000}m^{(00)}_{010}m^{(10)}_{002}m^{(21)}_{202}\\
&-m^{(11)}_{000}m^{(00)}_{010}m^{(11)}_{002}m^{(22)}_{301} + m^{(11)}_{000}m^{(00)}_{010}m^{(11)}_{002}m^{(20)}_{202} - m^{(11)}_{000}m^{(00)}_{010}m^{(20)}_{002}m^{(22)}_{220}\\
&+m^{(11)}_{000}m^{(00)}_{010}m^{(20)}_{002}m^{(21)}_{211} + m^{(11)}_{000}m^{(00)}_{010}m^{(21)}_{002}m^{(22)}_{310} + m^{(11)}_{000}m^{(00)}_{010}m^{(21)}_{002}m^{(21)}_{301}\\
&-2m^{(11)}_{000}m^{(00)}_{010}m^{(21)}_{002}m^{(20)}_{211} - m^{(11)}_{000}m^{(00)}_{010}m^{(22)}_{002}m^{(21)}_{310} + m^{(11)}_{000}m^{(00)}_{010}m^{(22)}_{002}m^{(20)}_{220}\\
&-m^{(11)}_{000}m^{(10)}_{010}m^{(00)}_{200}m^{(22)}_{013} + m^{(11)}_{000}m^{(10)}_{010}m^{(00)}_{200}m^{(21)}_{004} + m^{(11)}_{000}m^{(10)}_{010}m^{(10)}_{200}m^{(22)}_{103}\\
&-m^{(11)}_{000}m^{(10)}_{010}m^{(10)}_{200}m^{(20)}_{004} + m^{(11)}_{000}m^{(10)}_{010}m^{(20)}_{200}m^{(22)}_{112} - 2m^{(11)}_{000}m^{(10)}_{010}m^{(20)}_{200}m^{(21)}_{103}\\
&+m^{(11)}_{000}m^{(10)}_{010}m^{(20)}_{200}m^{(20)}_{013} - m^{(11)}_{000}m^{(10)}_{010}m^{(21)}_{200}m^{(22)}_{202} + m^{(11)}_{000}m^{(10)}_{010}m^{(21)}_{200}m^{(20)}_{103}\\
&+m^{(11)}_{000}m^{(10)}_{010}m^{(22)}_{200}m^{(21)}_{202} - m^{(11)}_{000}m^{(10)}_{010}m^{(22)}_{200}m^{(20)}_{112} + 2m^{(11)}_{000}m^{(10)}_{010}m^{(00)}_{101}m^{(22)}_{112}\\
&-2m^{(11)}_{000}m^{(10)}_{010}m^{(00)}_{101}m^{(21)}_{103} - 2m^{(11)}_{000}m^{(10)}_{010}m^{(10)}_{101}m^{(22)}_{202} + 2m^{(11)}_{000}m^{(10)}_{010}m^{(10)}_{101}m^{(20)}_{103}\\
&-2m^{(11)}_{000}m^{(10)}_{010}m^{(20)}_{101}m^{(22)}_{211} + 4m^{(11)}_{000}m^{(10)}_{010}m^{(20)}_{101}m^{(21)}_{202} - 2m^{(11)}_{000}m^{(10)}_{010}m^{(20)}_{101}m^{(20)}_{112}\\
&+2m^{(11)}_{000}m^{(10)}_{010}m^{(21)}_{101}m^{(22)}_{301} - 2m^{(11)}_{000}m^{(10)}_{010}m^{(21)}_{101}m^{(20)}_{202} - 2m^{(11)}_{000}m^{(10)}_{010}m^{(22)}_{101}m^{(21)}_{301}\\
&+2m^{(11)}_{000}m^{(10)}_{010}m^{(22)}_{101}m^{(20)}_{211} - m^{(11)}_{000}m^{(10)}_{010}m^{(00)}_{002}m^{(22)}_{211} + m^{(11)}_{000}m^{(10)}_{010}m^{(00)}_{002}m^{(21)}_{202}\\
&+m^{(11)}_{000}m^{(10)}_{010}m^{(10)}_{002}m^{(22)}_{301} - m^{(11)}_{000}m^{(10)}_{010}m^{(10)}_{002}m^{(20)}_{202} + m^{(11)}_{000}m^{(10)}_{010}m^{(20)}_{002}m^{(22)}_{310}\\
&-2m^{(11)}_{000}m^{(10)}_{010}m^{(20)}_{002}m^{(21)}_{301} + m^{(11)}_{000}m^{(10)}_{010}m^{(20)}_{002}m^{(20)}_{211} - m^{(11)}_{000}m^{(10)}_{010}m^{(21)}_{002}m^{(22)}_{400}\\
&+m^{(11)}_{000}m^{(10)}_{010}m^{(21)}_{002}m^{(20)}_{301} + m^{(11)}_{000}m^{(10)}_{010}m^{(22)}_{002}m^{(21)}_{400} - m^{(11)}_{000}m^{(10)}_{010}m^{(22)}_{002}m^{(20)}_{310}\\
&+m^{(11)}_{000}m^{(20)}_{010}m^{(00)}_{200}m^{(22)}_{022} - m^{(11)}_{000}m^{(20)}_{010}m^{(00)}_{200}m^{(21)}_{013} - 2m^{(11)}_{000}m^{(20)}_{010}m^{(10)}_{200}m^{(22)}_{112}\\
&+m^{(11)}_{000}m^{(20)}_{010}m^{(10)}_{200}m^{(21)}_{103} + m^{(11)}_{000}m^{(20)}_{010}m^{(10)}_{200}m^{(10)}_{004} + m^{(11)}_{000}m^{(20)}_{010}m^{(11)}_{200}m^{(22)}_{202}\\
&-m^{(11)}_{000}m^{(20)}_{010}m^{(11)}_{200}m^{(00)}_{004} + m^{(11)}_{000}m^{(20)}_{010}m^{(20)}_{200}m^{(21)}_{112} - m^{(11)}_{000}m^{(20)}_{010}m^{(20)}_{200}m^{(10)}_{013}\\
&-m^{(11)}_{000}m^{(20)}_{010}m^{(21)}_{200}m^{(21)}_{202} - m^{(11)}_{000}m^{(20)}_{010}m^{(21)}_{200}m^{(10)}_{103} + 2m^{(11)}_{000}m^{(20)}_{010}m^{(21)}_{200}m^{(00)}_{013}\\
&+m^{(11)}_{000}m^{(20)}_{010}m^{(22)}_{200}m^{(10)}_{112} - m^{(11)}_{000}m^{(20)}_{010}m^{(22)}_{200}m^{(00)}_{022} - 2m^{(11)}_{000}m^{(20)}_{010}m^{(00)}_{101}m^{(22)}_{121}\\
&+2m^{(11)}_{000}m^{(20)}_{010}m^{(00)}_{101}m^{(21)}_{112} + 4m^{(11)}_{000}m^{(20)}_{010}m^{(10)}_{101}m^{(22)}_{211} - 2m^{(11)}_{000}m^{(20)}_{010}m^{(10)}_{101}m^{(21)}_{202}\\
&-2m^{(11)}_{000}m^{(20)}_{010}m^{(10)}_{101}m^{(10)}_{103} - 2m^{(11)}_{000}m^{(20)}_{010}m^{(11)}_{101}m^{(22)}_{301} + 2m^{(11)}_{000}m^{(20)}_{010}m^{(11)}_{101}m^{(00)}_{103}\\
&-2m^{(11)}_{000}m^{(20)}_{010}m^{(20)}_{101}m^{(21)}_{211} + 2m^{(11)}_{000}m^{(20)}_{010}m^{(20)}_{101}m^{(10)}_{112} + 2m^{(11)}_{000}m^{(20)}_{010}m^{(21)}_{101}m^{(21)}_{301}\\
&+2m^{(11)}_{000}m^{(20)}_{010}m^{(21)}_{101}m^{(10)}_{202} - 4m^{(11)}_{000}m^{(20)}_{010}m^{(21)}_{101}m^{(00)}_{112} - 2m^{(11)}_{000}m^{(20)}_{010}m^{(22)}_{101}m^{(10)}_{211}\\
&+2m^{(11)}_{000}m^{(20)}_{010}m^{(22)}_{101}m^{(00)}_{121} + m^{(11)}_{000}m^{(20)}_{010}m^{(00)}_{002}m^{(22)}_{220} - m^{(11)}_{000}m^{(20)}_{010}m^{(00)}_{002}m^{(21)}_{211}
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\begin{aligned}
&-2m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(10)}m_{310}^{(22)} + m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(10)}m_{301}^{(21)} + m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(10)}m_{202}^{(10)}\\
&+m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(11)}m_{400}^{(22)} - m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(11)}m_{202}^{(00)} + m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(20)}m_{310}^{(21)}\\
&-m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(20)}m_{211}^{(10)} - m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(21)}m_{400}^{(21)} - m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(21)}m_{301}^{(10)}\\
&+2m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(21)}m_{211}^{(00)} + m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(22)}m_{310}^{(10)} - m_{000}^{(11)}m_{010}^{(20)}m_{002}^{(22)}m_{220}^{(00)}\\
&+m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(00)}m_{013}^{(20)} - m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(00)}m_{004}^{(10)} - m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(10)}m_{103}^{(20)}\\
&+m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(10)}m_{004}^{(00)} - m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{112}^{(20)} + 2m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{103}^{(10)}\\
&-m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(20)}m_{013}^{(00)} + m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(21)}m_{202}^{(20)} - m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(21)}m_{103}^{(00)}\\
&-m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{202}^{(10)} + m_{000}^{(11)}m_{010}^{(21)}m_{200}^{(22)}m_{112}^{(00)} - 2m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(00)}m_{112}^{(20)}\\
&+2m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(00)}m_{103}^{(10)} + 2m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(10)}m_{202}^{(20)} - 2m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(10)}m_{103}^{(00)}\\
&+2m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{211}^{(20)} - 4m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{202}^{(10)} + 2m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(20)}m_{112}^{(00)}\\
&-2m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(21)}m_{301}^{(20)} + 2m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(21)}m_{202}^{(00)} + 2m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(22)}m_{301}^{(10)}\\
&-2m_{000}^{(11)}m_{010}^{(21)}m_{101}^{(22)}m_{211}^{(00)} + m_{000}^{(11)}m_{010}^{(21)}m_{002}^{(00)}m_{211}^{(20)} - m_{000}^{(11)}m_{010}^{(21)}m_{002}^{(00)}m_{202}^{(10)}\\
&-m_{000}^{(11)}m_{010}^{(21)}m_{002}^{(10)}m_{301}^{(20)} + m_{000}^{(11)}m_{010}^{(21)}m_{002}^{(10)}m_{202}^{(00)} - m_{000}^{(11)}m_{010}^{(21)}m_{002}^{(20)}m_{310}^{(20)}\\
&+2m_{000}^{(11)}m_{010}^{(21)}m_{002}^{(20)}m_{301}^{(10)} - m_{000}^{(11)}m_{010}^{(21)}m_{002}^{(20)}m_{211}^{(00)} + m_{000}^{(11)}m_{010}^{(21)}m_{002}^{(21)}m_{400}^{(20)}\\
&-m_{000}^{(11)}m_{010}^{(21)}m_{002}^{(21)}m_{301}^{(00)} - m_{000}^{(11)}m_{010}^{(21)}m_{002}^{(22)}m_{400}^{(10)} + m_{000}^{(11)}m_{010}^{(21)}m_{002}^{(22)}m_{310}^{(00)}\\
&-m_{000}^{(11)}m_{010}^{(22)}m_{200}^{(00)}m_{022}^{(20)} + m_{000}^{(11)}m_{010}^{(22)}m_{200}^{(00)}m_{013}^{(10)} + 2m_{000}^{(11)}m_{010}^{(22)}m_{200}^{(10)}m_{112}^{(20)}\\
&-m_{000}^{(11)}m_{010}^{(22)}m_{200}^{(10)}m_{103}^{(10)} - m_{000}^{(11)}m_{010}^{(22)}m_{200}^{(10)}m_{013}^{(00)} - m_{000}^{(11)}m_{010}^{(22)}m_{200}^{(11)}m_{202}^{(20)}\\
&+m_{000}^{(11)}m_{010}^{(22)}m_{200}^{(11)}m_{103}^{(00)} - m_{000}^{(11)}m_{010}^{(22)}m_{200}^{(20)}m_{112}^{(10)} + m_{000}^{(11)}m_{010}^{(22)}m_{200}^{(20)}m_{022}^{(00)}\\
&+m_{000}^{(11)}m_{010}^{(22)}m_{200}^{(21)}m_{202}^{(10)} - m_{000}^{(11)}m_{010}^{(22)}m_{200}^{(21)}m_{112}^{(00)} + 2m_{000}^{(11)}m_{010}^{(22)}m_{101}^{(00)}m_{121}^{(20)}\\
&-2m_{000}^{(11)}m_{010}^{(22)}m_{101}^{(00)}m_{112}^{(10)} - 4m_{000}^{(11)}m_{010}^{(22)}m_{101}^{(10)}m_{211}^{(20)} + 2m_{000}^{(11)}m_{010}^{(22)}m_{101}^{(10)}m_{202}^{(10)}\\
&+2m_{000}^{(11)}m_{010}^{(22)}m_{101}^{(10)}m_{112}^{(00)} + 2m_{000}^{(11)}m_{010}^{(22)}m_{101}^{(11)}m_{301}^{(20)} - 2m_{000}^{(11)}m_{010}^{(22)}m_{101}^{(11)}m_{202}^{(00)}\\
&+2m_{000}^{(11)}m_{010}^{(22)}m_{101}^{(20)}m_{211}^{(10)} - 2m_{000}^{(11)}m_{010}^{(22)}m_{101}^{(20)}m_{121}^{(00)} - 2m_{000}^{(11)}m_{010}^{(22)}m_{101}^{(21)}m_{301}^{(10)}\\
&+2m_{000}^{(11)}m_{010}^{(22)}m_{101}^{(21)}m_{211}^{(00)} - m_{000}^{(11)}m_{010}^{(22)}m_{002}^{(00)}m_{220}^{(20)} + m_{000}^{(11)}m_{010}^{(22)}m_{002}^{(00)}m_{211}^{(10)}\\
&+2m_{000}^{(11)}m_{010}^{(22)}m_{002}^{(10)}m_{310}^{(20)} - m_{000}^{(11)}m_{010}^{(22)}m_{002}^{(10)}m_{301}^{(10)} - m_{000}^{(11)}m_{010}^{(22)}m_{002}^{(10)}m_{211}^{(00)}\\
&-m_{000}^{(11)}m_{010}^{(22)}m_{002}^{(11)}m_{400}^{(20)} + m_{000}^{(11)}m_{010}^{(22)}m_{002}^{(11)}m_{301}^{(00)} - m_{000}^{(11)}m_{010}^{(22)}m_{002}^{(20)}m_{310}^{(10)}\\
&+m_{000}^{(11)}m_{010}^{(22)}m_{002}^{(20)}m_{220}^{(00)} + m_{000}^{(11)}m_{010}^{(22)}m_{002}^{(21)}m_{400}^{(10)} - m_{000}^{(11)}m_{010}^{(22)}m_{002}^{(21)}m_{310}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(10)}m_{022}^{(22)} + m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(10)}m_{013}^{(21)} + m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(11)}m_{112}^{(22)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(11)}m_{013}^{(20)} + m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(20)}m_{031}^{(22)} - m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(20)}m_{022}^{(21)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(21)}m_{121}^{(22)} - m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(21)}m_{112}^{(21)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(21)}m_{022}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(22)}m_{121}^{(21)} - m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(22)}m_{031}^{(20)} + m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(10)}m_{112}^{(22)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(10)}m_{103}^{(21)} - m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(11)}m_{202}^{(22)} + m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(11)}m_{103}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(20)}m_{121}^{(22)} + m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(20)}m_{112}^{(21)} + m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(21)}m_{211}^{(22)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(21)}m_{202}^{(21)} - 2m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(21)}m_{112}^{(20)} - m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(22)}m_{211}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(22)}m_{121}^{(20)} + m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(10)}m_{121}^{(22)} - m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(10)}m_{112}^{(21)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(11)}m_{211}^{(22)} + m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(11)}m_{112}^{(20)} - m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{130}^{(22)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{121}^{(21)} + m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(21)}m_{220}^{(22)} + m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(21)}m_{211}^{(21)}\\
&-2m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(21)}m_{121}^{(20)} - m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(22)}m_{220}^{(21)} + m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(22)}m_{130}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(10)}m_{211}^{(22)} + m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(10)}m_{202}^{(21)} + m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(11)}m_{301}^{(22)}
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\begin{aligned}
&-m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(11)}m_{202}^{(20)} + m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{220}^{(22)} - m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{211}^{(21)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(21)}m_{310}^{(22)} - m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(21)}m_{301}^{(21)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(21)}m_{211}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(22)}m_{310}^{(21)} - m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(22)}m_{220}^{(20)} + m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(00)}m_{022}^{(22)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(00)}m_{013}^{(21)} - m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(10)}m_{112}^{(22)} + m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(10)}m_{013}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{121}^{(22)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{112}^{(21)} - m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{022}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(21)}m_{211}^{(22)} - m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(21)}m_{112}^{(20)} - m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{211}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{121}^{(20)} - m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(00)}m_{112}^{(22)} + m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(00)}m_{103}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(10)}m_{202}^{(22)} - m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(10)}m_{103}^{(20)} + m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{211}^{(22)}\\
&-2m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{202}^{(21)} + m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{112}^{(20)} - m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(21)}m_{301}^{(22)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(21)}m_{202}^{(20)} + m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(22)}m_{301}^{(21)} - m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(22)}m_{211}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(00)}m_{121}^{(22)} + m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(00)}m_{112}^{(21)} + m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{211}^{(22)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{112}^{(20)} + m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{220}^{(22)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{211}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{121}^{(20)} - m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{310}^{(22)} + m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{211}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{310}^{(21)} - m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{220}^{(20)} + m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(00)}m_{211}^{(22)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(00)}m_{202}^{(21)} - m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(10)}m_{301}^{(22)} + m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(10)}m_{202}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{310}^{(22)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{301}^{(21)} - m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{211}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(21)}m_{400}^{(22)} - m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(21)}m_{301}^{(20)} - m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(22)}m_{400}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(22)}m_{310}^{(20)} - m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(00)}m_{031}^{(22)} + m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(00)}m_{022}^{(21)}\\
&+2m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{121}^{(22)} - m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{112}^{(21)} - m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{013}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(11)}m_{211}^{(22)} + m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(11)}m_{013}^{(00)} - m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{121}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{022}^{(10)} + m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{211}^{(21)} + m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{112}^{(10)}\\
&-2m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{022}^{(00)} - m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(22)}m_{121}^{(10)} + m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(22)}m_{031}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(00)}m_{121}^{(22)} - m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(00)}m_{112}^{(21)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{211}^{(22)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{202}^{(21)} + m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{103}^{(10)} + m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(11)}m_{301}^{(22)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(11)}m_{103}^{(00)} + m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{211}^{(21)} - m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{112}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{301}^{(21)} - m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{202}^{(10)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{112}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(22)}m_{211}^{(10)} - m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(22)}m_{121}^{(00)} + m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{130}^{(22)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{121}^{(21)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{220}^{(22)} + m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{211}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{112}^{(10)} + m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{310}^{(22)} - m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{112}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{220}^{(21)} - m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{121}^{(10)} - m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{310}^{(21)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{211}^{(10)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{121}^{(00)} + m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(22)}m_{220}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(22)}m_{130}^{(00)} - m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{220}^{(22)} + m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{211}^{(21)}\\
&+2m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{310}^{(22)} - m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{301}^{(21)} - m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{202}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(11)}m_{400}^{(22)} + m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(11)}m_{202}^{(00)} - m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{310}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{211}^{(10)} + m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{400}^{(21)} + m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{301}^{(10)}\\
&-2m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{211}^{(00)} - m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(22)}m_{310}^{(10)} + m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(22)}m_{220}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{022}^{(20)} + m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{013}^{(10)} + m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{112}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{013}^{(00)} + m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{121}^{(20)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{112}^{(10)}
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$$+m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{022}^{(00)} - m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{211}^{(20)} + m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{112}^{(00)}$$
$$+m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(22)}m_{211}^{(10)} - m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(22)}m_{121}^{(00)} + m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{112}^{(20)}$$
$$-m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{103}^{(10)} - m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(10)}m_{202}^{(20)} + m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(10)}m_{103}^{(00)}$$
$$-m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{211}^{(20)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{202}^{(10)} - m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{112}^{(00)}$$
$$+m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(21)}m_{301}^{(20)} - m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(21)}m_{202}^{(00)} - m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(22)}m_{301}^{(10)}$$
$$+m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(22)}m_{211}^{(00)} + m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{121}^{(20)} - m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{112}^{(10)}$$
$$-m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{211}^{(20)} + m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{112}^{(00)} - m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{220}^{(20)}$$
$$+2m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{211}^{(10)} - m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{121}^{(00)} + m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{310}^{(20)}$$
$$-m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{211}^{(00)} - m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(22)}m_{310}^{(10)} + m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(22)}m_{220}^{(00)}$$
$$-m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{211}^{(20)} + m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{202}^{(10)} + m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(10)}m_{301}^{(20)}$$
$$-m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(10)}m_{202}^{(00)} + m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{310}^{(20)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{301}^{(10)}$$
$$+m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{211}^{(00)} - m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(21)}m_{400}^{(20)} + m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(21)}m_{301}^{(00)}$$
$$+m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(22)}m_{400}^{(10)} - m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(22)}m_{310}^{(00)} + m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(00)}m_{031}^{(20)}$$
$$-m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(00)}m_{022}^{(10)} - 2m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{121}^{(20)} + m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{112}^{(10)}$$
$$+m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{022}^{(00)} + m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(11)}m_{211}^{(20)} - m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(11)}m_{112}^{(00)}$$
$$+m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(20)}m_{121}^{(10)} - m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(20)}m_{031}^{(00)} - m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(21)}m_{211}^{(10)}$$
$$+m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(21)}m_{121}^{(00)} - m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{121}^{(20)} + m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{112}^{(10)}$$
$$+2m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{211}^{(20)} - m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{202}^{(10)} - m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{112}^{(00)}$$
$$-m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(11)}m_{301}^{(20)} + m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(11)}m_{202}^{(00)} - m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(20)}m_{211}^{(10)}$$
$$+m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(20)}m_{121}^{(00)} + m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(21)}m_{301}^{(10)} - m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(21)}m_{211}^{(00)}$$
$$-m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(00)}m_{130}^{(20)} + m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(00)}m_{121}^{(10)} + 2m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(10)}m_{220}^{(20)}$$
$$-m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(10)}m_{211}^{(10)} - m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(10)}m_{121}^{(00)} - m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(11)}m_{310}^{(20)}$$
$$+m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(11)}m_{211}^{(00)} - m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(20)}m_{220}^{(10)} + m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(20)}m_{130}^{(00)}$$
$$+m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(21)}m_{310}^{(10)} - m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(21)}m_{220}^{(00)} + m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(00)}m_{220}^{(20)}$$
$$-m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(00)}m_{211}^{(10)} - 2m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(10)}m_{310}^{(20)} + m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(10)}m_{301}^{(10)}$$
$$+m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(10)}m_{211}^{(00)} + m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(11)}m_{400}^{(20)} - m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(11)}m_{301}^{(00)}$$
$$+m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(20)}m_{310}^{(10)} - m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(20)}m_{220}^{(00)} - m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(21)}m_{400}^{(10)}$$
$$+m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(21)}m_{310}^{(00)} - m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(10)}m_{013}^{(21)} + m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(10)}m_{004}^{(11)}$$
$$+m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(11)}m_{103}^{(21)} - m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(11)}m_{004}^{(10)} + m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(20)}m_{022}^{(21)}$$
$$-m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(20)}m_{013}^{(11)} - m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(21)}m_{112}^{(21)} - m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(21)}m_{103}^{(11)}$$
$$+2m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(21)}m_{013}^{(10)} + m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(22)}m_{112}^{(11)} - m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(22)}m_{022}^{(10)}$$
$$+2m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(10)}m_{022}^{(21)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(10)}m_{013}^{(11)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(11)}m_{112}^{(21)}$$
$$+2m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(11)}m_{013}^{(10)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(20)}m_{031}^{(21)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(20)}m_{022}^{(11)}$$
$$+2m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(21)}m_{121}^{(21)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(21)}m_{112}^{(11)} - 4m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(21)}m_{022}^{(10)}$$
$$-2m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(22)}m_{121}^{(11)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(22)}m_{031}^{(10)} - m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(10)}m_{031}^{(21)}$$
$$+m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(10)}m_{022}^{(11)} + m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(11)}m_{121}^{(21)} - m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(11)}m_{022}^{(10)}$$
$$+m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(20)}m_{040}^{(21)} - m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(20)}m_{031}^{(11)} - m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(21)}m_{130}^{(21)}$$
$$-m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(21)}m_{121}^{(11)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(21)}m_{031}^{(10)} + m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(22)}m_{130}^{(11)}$$

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\begin{aligned}
&-m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(22)}m_{040}^{(10)} - m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(10)}m_{022}^{(22)} + m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(10)}m_{013}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(11)}m_{112}^{(22)} - m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(11)}m_{013}^{(20)} + m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(20)}m_{031}^{(22)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(20)}m_{022}^{(21)} - m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(21)}m_{121}^{(22)} - m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(21)}m_{112}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(21)}m_{022}^{(20)} + m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(22)}m_{121}^{(21)} - m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(22)}m_{031}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(10)}m_{031}^{(22)} - m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(10)}m_{022}^{(21)} - m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(11)}m_{121}^{(22)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(11)}m_{022}^{(20)} - m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(20)}m_{040}^{(22)} + m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(20)}m_{031}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(21)}m_{130}^{(22)} + m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(21)}m_{121}^{(21)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(21)}m_{031}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(22)}m_{130}^{(21)} + m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(22)}m_{040}^{(20)} + m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(00)}m_{013}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(00)}m_{004}^{(11)} + m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(10)}m_{112}^{(22)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(10)}m_{103}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(10)}m_{013}^{(20)} - m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(11)}m_{202}^{(22)} + m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(11)}m_{004}^{(00)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(20)}m_{121}^{(22)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(20)}m_{103}^{(11)} - m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(20)}m_{022}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(21)}m_{211}^{(22)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(21)}m_{202}^{(21)} - m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(21)}m_{112}^{(20)}\\
&-2m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(21)}m_{013}^{(00)} - m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(22)}m_{211}^{(21)} - m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(22)}m_{202}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(22)}m_{121}^{(20)} + m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(22)}m_{022}^{(00)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(00)}m_{022}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(00)}m_{013}^{(11)} - m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(10)}m_{121}^{(22)} + 3m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(10)}m_{112}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(10)}m_{022}^{(20)} + m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(11)}m_{211}^{(22)} + m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(11)}m_{112}^{(20)}\\
&-2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(11)}m_{013}^{(00)} + m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(20)}m_{130}^{(22)} + m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(20)}m_{121}^{(21)}\\
&-4m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(20)}m_{112}^{(11)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(20)}m_{031}^{(20)} - m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(21)}m_{220}^{(22)}\\
&-3m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(21)}m_{211}^{(21)} + 4m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(21)}m_{022}^{(00)} + m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(22)}m_{220}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(22)}m_{211}^{(11)} - m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(22)}m_{130}^{(20)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(22)}m_{031}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(00)}m_{031}^{(21)} - m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(00)}m_{022}^{(11)} - m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(10)}m_{121}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(10)}m_{031}^{(20)} - m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(11)}m_{121}^{(20)} + m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(11)}m_{022}^{(00)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(20)}m_{130}^{(21)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(20)}m_{121}^{(11)} - m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(20)}m_{040}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(21)}m_{220}^{(21)} + m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(21)}m_{130}^{(20)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(21)}m_{031}^{(00)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(22)}m_{220}^{(11)} + m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(22)}m_{040}^{(00)} + m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(00)}m_{022}^{(22)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(00)}m_{013}^{(21)} - m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(10)}m_{112}^{(22)} + m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(10)}m_{013}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(20)}m_{121}^{(22)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(20)}m_{112}^{(21)} - m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(20)}m_{022}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(21)}m_{211}^{(22)} - m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(21)}m_{112}^{(20)} - m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(22)}m_{211}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(22)}m_{121}^{(20)} - m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(00)}m_{031}^{(22)} + m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(00)}m_{022}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(10)}m_{121}^{(22)} - m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(10)}m_{022}^{(20)} + m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(20)}m_{130}^{(22)}\\
&-2m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(20)}m_{121}^{(21)} + m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(20)}m_{031}^{(20)} - m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(21)}m_{220}^{(22)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(21)}m_{121}^{(20)} + m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(22)}m_{220}^{(21)} - m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(22)}m_{130}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(00)}m_{112}^{(22)} + m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(00)}m_{103}^{(21)} - m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(00)}m_{013}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(00)}m_{004}^{(10)} + m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(10)}m_{202}^{(22)} - m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(10)}m_{004}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(20)}m_{211}^{(22)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(20)}m_{202}^{(21)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(20)}m_{112}^{(20)}\\
&-2m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(20)}m_{103}^{(10)} + m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(20)}m_{013}^{(00)} - m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(21)}m_{301}^{(22)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(21)}m_{103}^{(00)} + m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(22)}m_{301}^{(21)} - m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(22)}m_{211}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(22)}m_{202}^{(10)} - m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(22)}m_{112}^{(00)} + m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(00)}m_{121}^{(22)}
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\begin{aligned}
&-m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(00)}m_{112}^{(21)}+2m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(00)}m_{022}^{(20)}-2m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(00)}m_{013}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(10)}m_{211}^{(22)}-m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(10)}m_{112}^{(20)}+2m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(10)}m_{013}^{(00)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(20)}m_{220}^{(22)}+2m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(20)}m_{211}^{(21)}-3m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(20)}m_{121}^{(20)}\\
&+4m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(20)}m_{112}^{(10)}-2m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(20)}m_{022}^{(00)}+m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(21)}m_{310}^{(22)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(21)}m_{211}^{(20)}-2m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(21)}m_{112}^{(00)}-m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(22)}m_{310}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(22)}m_{220}^{(20)}-2m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(22)}m_{211}^{(10)}+2m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(22)}m_{121}^{(00)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(00)}m_{031}^{(20)}+m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(00)}m_{022}^{(10)}+m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(10)}m_{121}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(10)}m_{022}^{(00)}+m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(20)}m_{130}^{(20)}-2m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(20)}m_{121}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(20)}m_{031}^{(00)}-m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(21)}m_{220}^{(20)}+m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(21)}m_{121}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(22)}m_{220}^{(10)}-m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(22)}m_{130}^{(00)}+m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(10)}m_{022}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(10)}m_{013}^{(11)}-m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(11)}m_{112}^{(21)}+m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(11)}m_{013}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(20)}m_{031}^{(21)}+m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(20)}m_{022}^{(11)}+m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(21)}m_{121}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(21)}m_{112}^{(11)}-2m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(21)}m_{022}^{(10)}-m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(22)}m_{121}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(22)}m_{031}^{(10)}-m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(10)}m_{031}^{(21)}+m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(10)}m_{022}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(11)}m_{121}^{(21)}-m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(11)}m_{022}^{(10)}+m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(20)}m_{040}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(20)}m_{031}^{(11)}-m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(21)}m_{130}^{(21)}-m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(21)}m_{121}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(21)}m_{031}^{(10)}+m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(22)}m_{130}^{(11)}-m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(22)}m_{040}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(00)}m_{022}^{(21)}+m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(00)}m_{013}^{(11)}+m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(10)}m_{112}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(10)}m_{013}^{(10)}+m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(20)}m_{121}^{(21)}-2m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(20)}m_{112}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(20)}m_{022}^{(10)}-m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(21)}m_{211}^{(21)}+m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(21)}m_{112}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(22)}m_{211}^{(11)}-m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(22)}m_{121}^{(10)}+2m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(00)}m_{031}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(00)}m_{022}^{(11)}-3m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(10)}m_{121}^{(21)}+m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(10)}m_{112}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(10)}m_{022}^{(10)}+m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(11)}m_{211}^{(21)}-m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(11)}m_{112}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(20)}m_{130}^{(21)}+3m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(20)}m_{121}^{(11)}-2m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(20)}m_{031}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(21)}m_{220}^{(21)}-m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(21)}m_{211}^{(11)}-m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(22)}m_{220}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(22)}m_{130}^{(10)}-m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(00)}m_{040}^{(21)}+m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(00)}m_{031}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(10)}m_{130}^{(21)}-m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(10)}m_{121}^{(11)}-m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(10)}m_{031}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(11)}m_{220}^{(21)}+m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(11)}m_{121}^{(10)}-m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(20)}m_{130}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(20)}m_{040}^{(10)}+m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(21)}m_{220}^{(11)}-m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(21)}m_{130}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(00)}m_{031}^{(22)}+m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(00)}m_{013}^{(11)}+2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(10)}m_{121}^{(22)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(10)}m_{022}^{(20)}-m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(10)}m_{013}^{(10)}-m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(11)}m_{211}^{(22)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(11)}m_{112}^{(20)}-2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(20)}m_{112}^{(11)}+m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(20)}m_{031}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(20)}m_{022}^{(10)}-m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{121}^{(20)}+m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{112}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(22)}m_{211}^{(11)}-m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(22)}m_{121}^{(10)}+m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(00)}m_{040}^{(22)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(00)}m_{022}^{(11)}-2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(10)}m_{130}^{(22)}+m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(10)}m_{031}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(10)}m_{022}^{(10)}+m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{220}^{(22)}-m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{121}^{(20)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(20)}m_{121}^{(11)}-m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(20)}m_{040}^{(20)}-m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(20)}m_{031}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{130}^{(20)}-m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{121}^{(10)}-m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(22)}m_{220}^{(11)}
\end{aligned}
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$$+m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(22)}m_{130}^{(10)}+m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(00)}m_{121}^{(22)}-m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(00)}m_{103}^{(11)}$$
$$+m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(00)}m_{022}^{(20)}-m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(00)}m_{013}^{(10)}-2m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(10)}m_{211}^{(22)}$$
$$-m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(10)}m_{112}^{(20)}+2m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(10)}m_{103}^{(10)}+m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(10)}m_{013}^{(00)}$$
$$+m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(11)}m_{301}^{(22)}-m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(11)}m_{103}^{(00)}+2m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{202}^{(11)}$$
$$-m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{121}^{(20)}-m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{022}^{(00)}+m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(21)}m_{211}^{(20)}$$
$$-2m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(21)}m_{202}^{(10)}+m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(21)}m_{112}^{(00)}-m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(22)}m_{301}^{(11)}$$
$$+m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(22)}m_{211}^{(10)}-m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(00)}m_{130}^{(22)}+m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(00)}m_{112}^{(11)}$$
$$-2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(00)}m_{031}^{(20)}+2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(00)}m_{022}^{(10)}+2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{220}^{(22)}$$
$$+3m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{121}^{(20)}-3m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{112}^{(10)}-2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{022}^{(00)}$$
$$-m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(11)}m_{310}^{(22)}-m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(11)}m_{211}^{(20)}+2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(11)}m_{112}^{(00)}$$
$$-2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(20)}m_{211}^{(11)}+m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(20)}m_{130}^{(20)}-m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(20)}m_{121}^{(10)}$$
$$+2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(20)}m_{031}^{(00)}-m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(21)}m_{220}^{(20)}+3m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(21)}m_{211}^{(10)}$$
$$-2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(21)}m_{121}^{(00)}+m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(22)}m_{310}^{(11)}-m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(22)}m_{220}^{(10)}$$
$$+m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(00)}m_{040}^{(20)}-m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(00)}m_{031}^{(10)}-2m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(10)}m_{130}^{(20)}$$
$$+m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(10)}m_{121}^{(10)}+m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(10)}m_{031}^{(00)}+m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(11)}m_{220}^{(20)}$$
$$-m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(11)}m_{121}^{(00)}+m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(20)}m_{130}^{(10)}-m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(20)}m_{040}^{(00)}$$
$$-m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(21)}m_{220}^{(10)}+m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(21)}m_{130}^{(00)}+m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(00)}m_{031}^{(21)}$$
$$-m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(00)}m_{022}^{(11)}-2m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(10)}m_{121}^{(21)}+m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(10)}m_{112}^{(11)}$$
$$+m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(10)}m_{022}^{(10)}+m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(11)}m_{211}^{(21)}-m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(11)}m_{112}^{(10)}$$
$$+m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(20)}m_{121}^{(11)}-m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(20)}m_{031}^{(10)}-m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(21)}m_{211}^{(11)}$$
$$+m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(21)}m_{121}^{(10)}-m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(00)}m_{040}^{(21)}+m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(00)}m_{031}^{(11)}$$
$$+2m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(10)}m_{130}^{(21)}-m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(10)}m_{121}^{(11)}-m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(10)}m_{031}^{(10)}$$
$$-m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(11)}m_{220}^{(21)}+m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(11)}m_{121}^{(10)}-m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(20)}m_{130}^{(11)}$$
$$+m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(20)}m_{040}^{(10)}+m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(21)}m_{220}^{(11)}-m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(21)}m_{130}^{(10)}$$
$$-m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(00)}m_{121}^{(21)}+m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(00)}m_{112}^{(11)}+2m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(10)}m_{211}^{(21)}$$
$$-m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(10)}m_{202}^{(11)}-m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(10)}m_{112}^{(10)}-m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(11)}m_{301}^{(21)}$$
$$+m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(11)}m_{202}^{(10)}-m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(20)}m_{211}^{(11)}+m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(20)}m_{121}^{(10)}$$
$$+m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(21)}m_{301}^{(11)}-m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(21)}m_{211}^{(10)}+m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(00)}m_{130}^{(21)}$$
$$-m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(00)}m_{121}^{(11)}-2m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(10)}m_{220}^{(21)}+m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(10)}m_{211}^{(11)}$$
$$+m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(10)}m_{121}^{(10)}+m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(11)}m_{310}^{(21)}-m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(11)}m_{211}^{(10)}$$
$$+m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(20)}m_{220}^{(11)}-m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(20)}m_{130}^{(10)}-m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(21)}m_{310}^{(11)}$$
$$+m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(21)}m_{220}^{(10)}+m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(10)}m_{013}^{(21)}-m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(10)}m_{004}^{(11)}$$
$$-m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(11)}m_{103}^{(21)}+m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(11)}m_{004}^{(10)}-m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(20)}m_{022}^{(21)}$$
$$+m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(20)}m_{013}^{(11)}+m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(21)}m_{112}^{(21)}+m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(21)}m_{103}^{(11)}$$
$$-2m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(21)}m_{013}^{(10)}-m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(22)}m_{112}^{(11)}+m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(22)}m_{022}^{(10)}$$
$$-m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(10)}m_{022}^{(21)}+m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(10)}m_{013}^{(11)}+m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(11)}m_{112}^{(21)}$$
$$-m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(11)}m_{013}^{(10)}+m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(20)}m_{031}^{(21)}-m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(20)}m_{031}^{(11)}$$
$$-m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(21)}m_{121}^{(21)}-m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(21)}m_{112}^{(11)}+2m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(21)}m_{022}^{(10)}$$

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\begin{aligned}
&+m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(22)}m_{121}^{(11)} - m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(22)}m_{031}^{(10)} - m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(10)}m_{112}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(10)}m_{103}^{(11)} + m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(11)}m_{202}^{(21)} - m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(11)}m_{103}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(20)}m_{121}^{(21)} - m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(20)}m_{112}^{(11)} - m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{211}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{202}^{(11)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{112}^{(10)} + m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(22)}m_{211}^{(11)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(22)}m_{121}^{(10)} + m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(10)}m_{121}^{(21)} - m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(10)}m_{112}^{(11)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(11)}m_{211}^{(21)} + m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(11)}m_{112}^{(10)} - m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(20)}m_{130}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(20)}m_{121}^{(11)} + m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(21)}m_{220}^{(21)} + m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(21)}m_{211}^{(11)}\\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(21)}m_{121}^{(10)} - m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(22)}m_{220}^{(11)} + m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(22)}m_{130}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(10)}m_{022}^{(22)} - m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(10)}m_{013}^{(21)} - m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(11)}m_{112}^{(22)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(11)}m_{013}^{(20)} - m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(20)}m_{031}^{(22)} + m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(20)}m_{022}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(21)}m_{121}^{(22)} + m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(21)}m_{112}^{(21)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(21)}m_{022}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(22)}m_{121}^{(21)} + m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(22)}m_{031}^{(20)} - m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(00)}m_{013}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(00)}m_{004}^{(11)} - m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(10)}m_{112}^{(22)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(10)}m_{103}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(10)}m_{013}^{(20)} + m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(11)}m_{202}^{(22)} - m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(11)}m_{004}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(20)}m_{121}^{(22)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(20)}m_{103}^{(11)} + m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(20)}m_{022}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{211}^{(22)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{202}^{(21)} + m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{112}^{(20)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{013}^{(00)} + m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{211}^{(21)} + m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{202}^{(11)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{121}^{(20)} - m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{022}^{(00)} + m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(00)}m_{022}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(00)}m_{013}^{(11)} - m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(10)}m_{121}^{(22)} + m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(10)}m_{022}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(11)}m_{211}^{(22)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(11)}m_{112}^{(20)} + m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(11)}m_{013}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(20)}m_{130}^{(22)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(20)}m_{121}^{(21)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(20)}m_{112}^{(11)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(20)}m_{031}^{(20)} - m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{220}^{(22)} + 3m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{121}^{(20)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{022}^{(00)} + m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(22)}m_{220}^{(21)} - m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(22)}m_{211}^{(11)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(22)}m_{130}^{(20)} + m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(22)}m_{031}^{(00)} + m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(00)}m_{112}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(00)}m_{103}^{(11)} + m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{211}^{(22)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{202}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{112}^{(20)} - m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(11)}m_{301}^{(22)} + m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(11)}m_{103}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{220}^{(22)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{202}^{(11)} - m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{121}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{310}^{(22)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{301}^{(21)} - m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{211}^{(20)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{112}^{(00)} - m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(22)}m_{310}^{(21)} - m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(22)}m_{301}^{(11)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(22)}m_{220}^{(20)} + m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(22)}m_{121}^{(00)} - m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(00)}m_{121}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(00)}m_{112}^{(11)} + m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{211}^{(21)} - m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{121}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(11)}m_{211}^{(20)} - m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(11)}m_{112}^{(00)} + m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(20)}m_{220}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(20)}m_{211}^{(11)} + m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(20)}m_{130}^{(20)} - m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(21)}m_{310}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(21)}m_{220}^{(20)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(21)}m_{121}^{(00)} + m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(22)}m_{310}^{(11)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(22)}m_{130}^{(00)} - m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(00)}m_{022}^{(22)} + m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(00)}m_{013}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(10)}m_{112}^{(22)} - m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(10)}m_{013}^{(20)} + m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(20)}m_{121}^{(22)}\\
&-2m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(20)}m_{112}^{(21)} + m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(20)}m_{022}^{(20)} - m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(21)}m_{211}^{(22)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(21)}m_{112}^{(20)} + m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(22)}m_{211}^{(21)} - m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(22)}m_{121}^{(20)}
\end{aligned}
$$

$$+m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(00)}m_{112}^{(22)} - m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(00)}m_{103}^{(21)} + m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(00)}m_{013}^{(20)}$$
$$-m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(00)}m_{004}^{(10)} - m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(10)}m_{202}^{(22)} + m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(10)}m_{004}^{(00)}$$
$$-m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(20)}m_{211}^{(22)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(20)}m_{202}^{(21)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(20)}m_{112}^{(20)}$$
$$+2m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(20)}m_{103}^{(10)} - m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(20)}m_{013}^{(00)} + m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(21)}m_{301}^{(22)}$$
$$-m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(21)}m_{103}^{(00)} - m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(22)}m_{301}^{(21)} + m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(22)}m_{211}^{(20)}$$
$$-m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(22)}m_{202}^{(10)} + m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(22)}m_{112}^{(00)} + m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(00)}m_{121}^{(22)}$$
$$-m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(00)}m_{112}^{(21)} - m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(00)}m_{022}^{(20)} + m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(00)}m_{013}^{(10)}$$
$$-m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(10)}m_{211}^{(22)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(10)}m_{112}^{(20)} - m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(10)}m_{013}^{(00)}$$
$$-m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(20)}m_{220}^{(22)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(20)}m_{211}^{(21)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(20)}m_{112}^{(10)}$$
$$+m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(20)}m_{022}^{(00)} + m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(21)}m_{310}^{(22)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(21)}m_{211}^{(20)}$$
$$+m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(21)}m_{112}^{(00)} - m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(22)}m_{310}^{(21)} + m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(22)}m_{220}^{(20)}$$
$$+m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(22)}m_{211}^{(10)} - m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(22)}m_{121}^{(00)} - m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(00)}m_{211}^{(22)}$$
$$+m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(00)}m_{202}^{(21)} - m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(00)}m_{112}^{(20)} + m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(00)}m_{103}^{(10)}$$
$$+m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(10)}m_{301}^{(22)} - m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(10)}m_{103}^{(00)} + m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(20)}m_{310}^{(22)}$$
$$-2m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(20)}m_{301}^{(21)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(20)}m_{211}^{(20)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(20)}m_{202}^{(10)}$$
$$+m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(20)}m_{112}^{(00)} - m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(21)}m_{400}^{(22)} + m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(21)}m_{202}^{(00)}$$
$$+m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(22)}m_{400}^{(21)} - m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(22)}m_{310}^{(20)} + m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(22)}m_{301}^{(10)}$$
$$-m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(22)}m_{211}^{(00)} + m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(00)}m_{121}^{(20)} - m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(00)}m_{112}^{(10)}$$
$$-m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(10)}m_{211}^{(20)} + m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(10)}m_{112}^{(00)} - m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(20)}m_{220}^{(20)}$$
$$+2m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(20)}m_{211}^{(10)} - m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(20)}m_{121}^{(00)} + m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(21)}m_{310}^{(20)}$$
$$-m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(21)}m_{211}^{(00)} - m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(22)}m_{310}^{(10)} + m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(22)}m_{220}^{(00)}$$
$$-m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(10)}m_{022}^{(21)} + m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(10)}m_{013}^{(11)} + m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(11)}m_{112}^{(21)}$$
$$-m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(11)}m_{013}^{(10)} + m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(20)}m_{031}^{(21)} - m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(20)}m_{022}^{(11)}$$
$$-m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(21)}m_{121}^{(21)} - m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(21)}m_{112}^{(11)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(21)}m_{022}^{(10)}$$
$$+m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(22)}m_{121}^{(11)} - m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(22)}m_{031}^{(10)} + m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(00)}m_{022}^{(21)}$$
$$-m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(00)}m_{013}^{(11)} - m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(10)}m_{112}^{(21)} + m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(10)}m_{013}^{(10)}$$
$$-m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(20)}m_{121}^{(21)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(20)}m_{112}^{(11)} - m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(20)}m_{022}^{(10)}$$
$$+m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{211}^{(21)} - m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{112}^{(10)} - m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(22)}m_{211}^{(11)}$$
$$+m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(22)}m_{121}^{(10)} - m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(00)}m_{031}^{(21)} + m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(00)}m_{022}^{(11)}$$
$$+3m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(10)}m_{121}^{(21)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(10)}m_{112}^{(11)} - m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(10)}m_{022}^{(10)}$$
$$-2m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(11)}m_{211}^{(21)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(11)}m_{112}^{(10)} - m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(20)}m_{130}^{(21)}$$
$$+m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(20)}m_{031}^{(10)} + m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{220}^{(21)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{211}^{(11)}$$
$$-3m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{121}^{(10)} - m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(22)}m_{220}^{(11)} + m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(22)}m_{130}^{(10)}$$
$$-m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(00)}m_{121}^{(21)} + m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(00)}m_{112}^{(11)} + m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{211}^{(21)}$$
$$-m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{112}^{(10)} + m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(20)}m_{220}^{(21)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(20)}m_{211}^{(11)}$$
$$+m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(20)}m_{121}^{(10)} - m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{310}^{(21)} + m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{211}^{(10)}$$
$$+m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(22)}m_{310}^{(11)} - m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(22)}m_{220}^{(10)} + m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(00)}m_{130}^{(21)}$$
$$-m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(00)}m_{121}^{(11)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(10)}m_{220}^{(21)} + m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(10)}m_{211}^{(11)}$$

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\begin{aligned}
&+m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(10)}m_{121}^{(10)}+m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(11)}m_{310}^{(21)}-m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(11)}m_{211}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(20)}m_{220}^{(11)}-m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(20)}m_{130}^{(10)}-m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(21)}m_{310}^{(11)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(21)}m_{220}^{(10)}+m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(00)}m_{031}^{(22)}-m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(00)}m_{013}^{(11)}\\
&-2m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(10)}m_{121}^{(22)}+m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(10)}m_{022}^{(20)}+m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(10)}m_{013}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(11)}m_{211}^{(22)}-m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(11)}m_{112}^{(20)}+2m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(20)}m_{112}^{(11)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(20)}m_{031}^{(20)}-m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(20)}m_{022}^{(10)}+m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{121}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{112}^{(10)}-m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(22)}m_{211}^{(11)}+m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(22)}m_{121}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(00)}m_{121}^{(22)}+m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(00)}m_{103}^{(11)}-m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(00)}m_{022}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(00)}m_{013}^{(10)}+2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{211}^{(22)}+m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{112}^{(20)}\\
&-2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{103}^{(10)}-m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{013}^{(00)}-m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(11)}m_{301}^{(22)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(11)}m_{103}^{(00)}-2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{202}^{(11)}+m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{121}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{022}^{(00)}-m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{211}^{(20)}+2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{202}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{112}^{(00)}+m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(22)}m_{301}^{(11)}-m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(22)}m_{211}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(00)}m_{130}^{(22)}+m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(00)}m_{112}^{(11)}+m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(00)}m_{031}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(00)}m_{022}^{(10)}+2m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{220}^{(22)}-3m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{121}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{022}^{(00)}-m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(11)}m_{310}^{(22)}+2m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(11)}m_{211}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(11)}m_{112}^{(00)}-2m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{211}^{(11)}+m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{130}^{(20)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{121}^{(10)}-m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{031}^{(00)}-m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{220}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{121}^{(00)}+m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(22)}m_{310}^{(11)}-m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(22)}m_{220}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{220}^{(22)}-m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{202}^{(11)}+m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{121}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{112}^{(10)}-2m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{310}^{(22)}-m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{211}^{(20)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{202}^{(10)}+m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{112}^{(00)}+m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(11)}m_{400}^{(22)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(11)}m_{202}^{(00)}+2m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{301}^{(11)}-m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{220}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{121}^{(00)}+m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{310}^{(20)}-2m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{301}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{211}^{(00)}-m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(22)}m_{400}^{(11)}+m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(22)}m_{310}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(00)}m_{130}^{(20)}+m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(00)}m_{121}^{(10)}+2m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(10)}m_{220}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(10)}m_{211}^{(10)}-m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(10)}m_{121}^{(00)}-m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(11)}m_{310}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(11)}m_{211}^{(00)}-m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(20)}m_{220}^{(10)}+m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(20)}m_{130}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(21)}m_{310}^{(10)}-m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(21)}m_{220}^{(00)}-m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(00)}m_{031}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(00)}m_{022}^{(11)}+2m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(10)}m_{121}^{(21)}-m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(10)}m_{112}^{(11)}\\
&-m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(10)}m_{022}^{(10)}-m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(11)}m_{211}^{(21)}+m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(11)}m_{112}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(20)}m_{121}^{(11)}+m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(20)}m_{031}^{(10)}+m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{211}^{(11)}\\
&-m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{121}^{(10)}+m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(00)}m_{121}^{(21)}-m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(00)}m_{112}^{(11)}\\
&-2m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{211}^{(21)}+m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{202}^{(11)}+m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{112}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(11)}m_{301}^{(21)}-m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(11)}m_{202}^{(10)}+m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{211}^{(11)}\\
&-m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{121}^{(10)}-m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{301}^{(11)}+m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{211}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(00)}m_{130}^{(21)}-m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(00)}m_{121}^{(11)}-2m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(10)}m_{220}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(10)}m_{211}^{(11)}+m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(10)}m_{121}^{(10)}+m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(11)}m_{310}^{(21)}
\end{aligned}
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\begin{aligned}
&-m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(11)}m_{211}^{(10)} + m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(20)}m_{220}^{(11)} - m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(20)}m_{130}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(21)}m_{310}^{(11)} + m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(21)}m_{220}^{(10)} - m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(00)}m_{220}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(00)}m_{211}^{(11)} + 2m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{310}^{(21)} - m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{301}^{(11)}\\
&-m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{211}^{(10)} - m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(11)}m_{400}^{(21)} + m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(11)}m_{301}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(20)}m_{310}^{(11)} + m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(20)}m_{220}^{(10)} + m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(21)}m_{400}^{(11)}\\
&-m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(21)}m_{310}^{(10)} - m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(10)}m_{022}^{(21)} + m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(10)}m_{013}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(11)}m_{112}^{(21)} - m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(11)}m_{013}^{(10)} + m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(20)}m_{031}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(20)}m_{022}^{(11)} - m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{121}^{(21)} - m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{112}^{(11)}\\
&+2m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{022}^{(10)} + m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(22)}m_{121}^{(11)} - m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(22)}m_{031}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{101}^{(10)}m_{031}^{(21)} - m_{000}^{(20)}m_{001}^{(00)}m_{101}^{(10)}m_{022}^{(11)} - m_{000}^{(20)}m_{001}^{(00)}m_{101}^{(11)}m_{121}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{101}^{(11)}m_{022}^{(10)} - m_{000}^{(20)}m_{001}^{(00)}m_{101}^{(20)}m_{040}^{(21)} + m_{000}^{(20)}m_{001}^{(00)}m_{101}^{(20)}m_{031}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{101}^{(21)}m_{130}^{(21)} + m_{000}^{(20)}m_{001}^{(00)}m_{101}^{(21)}m_{121}^{(11)} - 2m_{000}^{(20)}m_{001}^{(00)}m_{101}^{(21)}m_{031}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(00)}m_{101}^{(22)}m_{130}^{(11)} + m_{000}^{(20)}m_{001}^{(00)}m_{101}^{(22)}m_{040}^{(10)} + m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(10)}m_{112}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(10)}m_{103}^{(11)} - m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(11)}m_{202}^{(21)} + m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(11)}m_{103}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(20)}m_{121}^{(21)} + m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(20)}m_{112}^{(11)} + m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{211}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{202}^{(11)} - 2m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{112}^{(10)} - m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(22)}m_{211}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(22)}m_{121}^{(10)} - m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{121}^{(21)} + m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{112}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{211}^{(21)} - m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{112}^{(10)} + m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(20)}m_{130}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(20)}m_{121}^{(11)} - m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{220}^{(21)} - m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{211}^{(11)}\\
&+2m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{121}^{(10)} + m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(22)}m_{220}^{(11)} - m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(22)}m_{130}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(10)}m_{031}^{(22)} + m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(10)}m_{022}^{(21)} + m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(11)}m_{121}^{(22)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(11)}m_{022}^{(20)} + m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(20)}m_{040}^{(22)} - m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(20)}m_{031}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(21)}m_{130}^{(22)} - m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(21)}m_{121}^{(21)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(21)}m_{031}^{(20)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(22)}m_{130}^{(21)} - m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(22)}m_{040}^{(20)} + m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(00)}m_{022}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(00)}m_{013}^{(11)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{121}^{(22)} - 3m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{112}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{022}^{(20)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(11)}m_{211}^{(22)} + m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(11)}m_{112}^{(20)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(11)}m_{013}^{(00)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{130}^{(22)} + m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{121}^{(21)}\\
&+2m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{112}^{(11)} - m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{031}^{(20)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{220}^{(22)}\\
&+3m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{211}^{(21)} - 3m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{121}^{(20)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{022}^{(00)}\\
&-2m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{220}^{(21)} - m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{211}^{(11)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{130}^{(20)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{031}^{(00)} - m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(00)}m_{031}^{(21)} + m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(00)}m_{022}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{121}^{(21)} - m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{031}^{(20)} + m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{121}^{(20)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{022}^{(00)} + m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{130}^{(21)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{121}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{040}^{(20)} - m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{220}^{(21)} - m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{130}^{(20)}\\
&+2m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{031}^{(00)} + m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(22)}m_{220}^{(11)} - m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(22)}m_{040}^{(00)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(00)}m_{112}^{(21)} + m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(00)}m_{103}^{(11)} - m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{211}^{(22)}\\
&+2m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{202}^{(21)} - m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{112}^{(20)} + m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(11)}m_{301}^{(22)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(11)}m_{103}^{(00)} + m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{220}^{(22)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{202}^{(11)}
\end{aligned}
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$$+m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{121}^{(20)} - m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{310}^{(22)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{301}^{(21)}$$
$$+m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{211}^{(20)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{112}^{(00)} + m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(22)}m_{310}^{(21)}$$
$$+m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(22)}m_{301}^{(11)} - m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(22)}m_{220}^{(20)} - m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(22)}m_{121}^{(00)}$$
$$+m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(00)}m_{121}^{(21)} - m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(00)}m_{112}^{(11)} - m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{211}^{(21)}$$
$$+m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{121}^{(20)} - m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{211}^{(20)} + m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{112}^{(00)}$$
$$-m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{220}^{(21)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{211}^{(11)} - m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{130}^{(20)}$$
$$+m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{310}^{(21)} + m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{220}^{(20)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{121}^{(00)}$$
$$-m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(22)}m_{310}^{(11)} + m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(22)}m_{130}^{(00)} + m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(00)}m_{031}^{(22)}$$
$$-m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(00)}m_{022}^{(21)} - m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(10)}m_{121}^{(22)} + m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(10)}m_{022}^{(20)}$$
$$-m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(20)}m_{130}^{(22)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(20)}m_{121}^{(21)} - m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(20)}m_{031}^{(20)}$$
$$+m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(21)}m_{220}^{(22)} - m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(21)}m_{121}^{(20)} - m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(22)}m_{220}^{(21)}$$
$$+m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(22)}m_{130}^{(20)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(00)}m_{121}^{(22)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(00)}m_{112}^{(21)}$$
$$-m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(00)}m_{022}^{(20)} + m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(00)}m_{013}^{(10)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(10)}m_{211}^{(22)}$$
$$-m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(10)}m_{112}^{(20)} - m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(10)}m_{013}^{(00)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{220}^{(22)}$$
$$-4m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{211}^{(21)} + 3m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{121}^{(20)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{112}^{(10)}$$
$$+m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{022}^{(00)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{310}^{(22)} + m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{211}^{(20)}$$
$$+m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{112}^{(00)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(22)}m_{310}^{(21)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(22)}m_{220}^{(20)}$$
$$+m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(22)}m_{211}^{(10)} - m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(22)}m_{121}^{(00)} + m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(00)}m_{031}^{(20)}$$
$$-m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(00)}m_{022}^{(10)} - m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{121}^{(20)} + m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{022}^{(00)}$$
$$-m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{130}^{(20)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{121}^{(10)} - m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{031}^{(00)}$$
$$+m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{220}^{(20)} - m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{121}^{(00)} - m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(22)}m_{220}^{(10)}$$
$$+m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(22)}m_{130}^{(00)} + m_{000}^{(20)}m_{001}^{(11)}m_{020}^{(00)}m_{211}^{(22)} - m_{000}^{(20)}m_{001}^{(11)}m_{020}^{(00)}m_{202}^{(21)}$$
$$+m_{000}^{(20)}m_{001}^{(11)}m_{020}^{(00)}m_{112}^{(20)} - m_{000}^{(20)}m_{001}^{(11)}m_{020}^{(00)}m_{103}^{(10)} - m_{000}^{(20)}m_{001}^{(11)}m_{020}^{(10)}m_{301}^{(22)}$$
$$+m_{000}^{(20)}m_{001}^{(11)}m_{020}^{(10)}m_{103}^{(00)} - m_{000}^{(20)}m_{001}^{(11)}m_{020}^{(20)}m_{310}^{(22)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{020}^{(20)}m_{301}^{(21)}$$
$$-2m_{000}^{(20)}m_{001}^{(11)}m_{020}^{(20)}m_{211}^{(20)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{020}^{(20)}m_{202}^{(10)} - m_{000}^{(20)}m_{001}^{(11)}m_{020}^{(20)}m_{112}^{(00)}$$
$$+m_{000}^{(20)}m_{001}^{(11)}m_{020}^{(21)}m_{400}^{(22)} - m_{000}^{(20)}m_{001}^{(11)}m_{020}^{(21)}m_{202}^{(00)} - m_{000}^{(20)}m_{001}^{(11)}m_{020}^{(22)}m_{400}^{(21)}$$
$$+m_{000}^{(20)}m_{001}^{(11)}m_{020}^{(22)}m_{310}^{(20)} - m_{000}^{(20)}m_{001}^{(11)}m_{020}^{(22)}m_{301}^{(10)} + m_{000}^{(20)}m_{001}^{(11)}m_{020}^{(22)}m_{211}^{(00)}$$
$$-m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(00)}m_{121}^{(20)} + m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(00)}m_{112}^{(10)} + m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{211}^{(20)}$$
$$-m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{112}^{(00)} + m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{220}^{(20)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{211}^{(10)}$$
$$+m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{121}^{(00)} - m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(21)}m_{310}^{(20)} + m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(21)}m_{211}^{(00)}$$
$$+m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(22)}m_{310}^{(10)} - m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(22)}m_{220}^{(00)} + m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(10)}m_{031}^{(21)}$$
$$-m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(10)}m_{022}^{(11)} - m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(11)}m_{121}^{(21)} + m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(11)}m_{022}^{(10)}$$
$$-m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(20)}m_{040}^{(21)} + m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(20)}m_{031}^{(11)} + m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(21)}m_{130}^{(21)}$$
$$+m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(21)}m_{121}^{(11)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(21)}m_{031}^{(10)} - m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(22)}m_{130}^{(11)}$$
$$+m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(22)}m_{040}^{(10)} - m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(00)}m_{031}^{(21)} + m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(00)}m_{022}^{(11)}$$
$$+m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{112}^{(11)} - m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{022}^{(10)} + m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{211}^{(21)}$$
$$-m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{112}^{(10)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(20)}m_{130}^{(21)} - 3m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(20)}m_{121}^{(11)}$$
$$+m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(20)}m_{031}^{(10)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{220}^{(21)} - m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{211}^{(11)}$$

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\begin{aligned}
&+3m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{121}^{(10)}+2m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(22)}m_{220}^{(11)}-2m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(22)}m_{130}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(00)}m_{040}^{(21)}-m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(00)}m_{031}^{(11)}-2m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{130}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{121}^{(11)}+m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{031}^{(10)}+m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{220}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{121}^{(10)}+m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(20)}m_{130}^{(11)}-m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(20)}m_{040}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(21)}m_{220}^{(11)}+m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(21)}m_{130}^{(10)}+m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(00)}m_{121}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(00)}m_{112}^{(11)}-m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{211}^{(21)}+m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{112}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{220}^{(21)}+2m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{211}^{(11)}-m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{121}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{310}^{(21)}-m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{211}^{(10)}-m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(22)}m_{310}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(22)}m_{220}^{(10)}-m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(00)}m_{130}^{(21)}+m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(00)}m_{121}^{(11)}\\
&+2m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{220}^{(21)}-m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{211}^{(11)}-m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{121}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{310}^{(21)}+m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{211}^{(10)}-m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(20)}m_{220}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(20)}m_{130}^{(10)}+m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(21)}m_{310}^{(11)}-m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(21)}m_{220}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(00)}m_{040}^{(22)}+m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(00)}m_{022}^{(11)}+2m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{130}^{(22)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{031}^{(20)}-m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{022}^{(10)}-m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{220}^{(22)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{121}^{(20)}-2m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{121}^{(11)}+m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{040}^{(20)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{031}^{(10)}-m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{130}^{(20)}+m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{121}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(22)}m_{220}^{(11)}-m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(22)}m_{130}^{(10)}+2m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{130}^{(22)}\\
&-2m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{112}^{(11)}+m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{031}^{(20)}-m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{022}^{(10)}\\
&-4m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{220}^{(22)}+3m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{112}^{(10)}+m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{022}^{(00)}\\
&+2m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{310}^{(22)}-m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{211}^{(20)}-m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{112}^{(00)}\\
&+4m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{211}^{(11)}-2m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{130}^{(20)}-m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{121}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{031}^{(00)}+2m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{220}^{(20)}-3m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{211}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{121}^{(00)}-2m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(22)}m_{310}^{(11)}+2m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(22)}m_{220}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(00)}m_{040}^{(20)}+m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(00)}m_{031}^{(10)}+2m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{130}^{(20)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{121}^{(10)}-m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{031}^{(00)}-m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{220}^{(20)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{121}^{(00)}-m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(20)}m_{130}^{(10)}+m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(20)}m_{040}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(21)}m_{220}^{(10)}-m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(21)}m_{130}^{(00)}-m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{220}^{(22)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{202}^{(11)}-m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{121}^{(20)}+m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{112}^{(10)}\\
&+2m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{310}^{(22)}+m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{211}^{(20)}-2m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{202}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{112}^{(00)}-m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(11)}m_{400}^{(22)}+m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(11)}m_{202}^{(00)}\\
&-2m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{301}^{(11)}+m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{220}^{(20)}+m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{121}^{(00)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{310}^{(20)}+2m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{301}^{(10)}-m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{211}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(22)}m_{400}^{(11)}-m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(22)}m_{310}^{(10)}+m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{130}^{(20)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{121}^{(10)}-2m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{220}^{(20)}+m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{211}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{121}^{(00)}+m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{310}^{(20)}-m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{211}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(20)}m_{220}^{(10)}-m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(20)}m_{130}^{(00)}-m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(21)}m_{310}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(21)}m_{220}^{(00)}+m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(00)}m_{040}^{(21)}-m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(00)}m_{031}^{(11)}\\
&-2m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{130}^{(21)}+m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{121}^{(11)}+m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{031}^{(10)}
\end{aligned}
$$

$$+m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{220}^{(21)} - m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{121}^{(10)} + m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(20)}m_{130}^{(11)}$$
$$-m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(20)}m_{040}^{(10)} - m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(21)}m_{220}^{(11)} + m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(21)}m_{130}^{(10)}$$
$$-2m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{130}^{(21)} + 2m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{121}^{(11)} + 4m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{220}^{(21)}$$
$$-2m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{211}^{(11)} - 2m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{121}^{(10)} - 2m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{310}^{(21)}$$
$$+2m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{211}^{(10)} - 2m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(20)}m_{220}^{(11)} + 2m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(20)}m_{130}^{(10)}$$
$$+2m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(21)}m_{310}^{(11)} - 2m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(21)}m_{220}^{(10)} + m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{220}^{(21)}$$
$$-m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{211}^{(11)} - 2m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{310}^{(21)} + m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{301}^{(11)}$$
$$+m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{211}^{(10)} + m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(11)}m_{400}^{(21)} - m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(11)}m_{301}^{(10)}$$
$$+m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(20)}m_{310}^{(11)} - m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(20)}m_{220}^{(10)} - m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(21)}m_{400}^{(11)}$$
$$+m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(21)}m_{310}^{(10)} + m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(10)}m_{022}^{(22)} - m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(10)}m_{004}^{(11)}$$
$$-m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(11)}m_{112}^{(22)} - m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(11)}m_{103}^{(21)} + m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(11)}m_{013}^{(20)}$$
$$+m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(11)}m_{004}^{(10)} - m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(20)}m_{031}^{(22)} + m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(20)}m_{013}^{(11)}$$
$$+m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(21)}m_{121}^{(22)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(21)}m_{112}^{(21)} + m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(21)}m_{103}^{(11)}$$
$$-2m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(21)}m_{022}^{(20)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(21)}m_{013}^{(10)} - m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(22)}m_{121}^{(21)}$$
$$-m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(22)}m_{112}^{(11)} + m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(22)}m_{031}^{(20)} + m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(22)}m_{022}^{(10)}$$
$$-m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(10)}m_{031}^{(22)} + m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(10)}m_{013}^{(11)} + m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(11)}m_{121}^{(22)}$$
$$+m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(11)}m_{112}^{(21)} - m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(11)}m_{022}^{(20)} - m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(11)}m_{013}^{(10)}$$
$$+m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(20)}m_{040}^{(22)} - m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(20)}m_{022}^{(11)} - m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(21)}m_{130}^{(22)}$$
$$-2m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(21)}m_{121}^{(21)} - m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(21)}m_{112}^{(11)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(21)}m_{031}^{(20)}$$
$$+2m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(21)}m_{022}^{(10)} + m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(22)}m_{130}^{(21)} + m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(22)}m_{121}^{(11)}$$
$$-m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(22)}m_{040}^{(20)} - m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(22)}m_{031}^{(10)} - m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(10)}m_{112}^{(22)}$$
$$+m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(10)}m_{103}^{(21)} + m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(11)}m_{202}^{(22)} - m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(11)}m_{103}^{(20)}$$
$$+m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(20)}m_{121}^{(22)} - m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(20)}m_{112}^{(21)} - m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(21)}m_{211}^{(22)}$$
$$-m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(21)}m_{202}^{(21)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(21)}m_{112}^{(20)} + m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(22)}m_{211}^{(21)}$$
$$-m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(22)}m_{121}^{(20)} + m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(10)}m_{121}^{(22)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(10)}m_{112}^{(21)}$$
$$+m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(10)}m_{103}^{(11)} - m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(11)}m_{211}^{(22)} + m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(11)}m_{202}^{(21)}$$
$$+m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(11)}m_{112}^{(20)} - m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(11)}m_{103}^{(10)} - m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(20)}m_{130}^{(22)}$$
$$+2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(20)}m_{121}^{(21)} - m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(20)}m_{112}^{(11)} + m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(21)}m_{220}^{(22)}$$
$$-m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(21)}m_{202}^{(11)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(21)}m_{121}^{(20)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(21)}m_{112}^{(10)}$$
$$-m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(22)}m_{220}^{(21)} + m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(22)}m_{211}^{(11)} + m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(22)}m_{130}^{(20)}$$
$$-m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(22)}m_{121}^{(10)} + m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(10)}m_{121}^{(21)} - m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(10)}m_{112}^{(11)}$$
$$-m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(11)}m_{211}^{(21)} + m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(11)}m_{112}^{(10)} - m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(20)}m_{130}^{(21)}$$
$$+m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(20)}m_{121}^{(11)} + m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(21)}m_{220}^{(21)} + m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(21)}m_{211}^{(11)}$$
$$-2m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(21)}m_{121}^{(10)} - m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(22)}m_{220}^{(11)} + m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(22)}m_{130}^{(10)}$$
$$-m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(00)}m_{022}^{(22)} + m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(00)}m_{004}^{(11)} + m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(10)}m_{112}^{(22)}$$
$$+m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(10)}m_{103}^{(21)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(10)}m_{013}^{(20)} + m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(11)}m_{103}^{(20)}$$
$$-m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(11)}m_{004}^{(00)} + m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(20)}m_{121}^{(22)} - m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(20)}m_{112}^{(21)}$$
$$-2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(20)}m_{103}^{(11)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(20)}m_{022}^{(20)} - m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(21)}m_{211}^{(22)}$$

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\begin{aligned}
&-m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(21)}m_{202}^{(21)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(21)}m_{013}^{(00)} + m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(22)}m_{211}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(22)}m_{202}^{(11)} - m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(22)}m_{121}^{(20)} - m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(22)}m_{022}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(00)}m_{031}^{(22)} - m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(00)}m_{013}^{(11)} - m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(10)}m_{121}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(10)}m_{112}^{(21)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(10)}m_{022}^{(20)} - m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(11)}m_{112}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(11)}m_{013}^{(00)} - m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(20)}m_{130}^{(22)} + m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(20)}m_{121}^{(21)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(20)}m_{112}^{(11)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(20)}m_{031}^{(20)} + m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(21)}m_{220}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(21)}m_{211}^{(21)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(21)}m_{022}^{(00)} - m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(22)}m_{220}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(22)}m_{211}^{(11)} + m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(22)}m_{130}^{(20)} + m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(22)}m_{031}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(00)}m_{112}^{(22)} - m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(00)}m_{103}^{(21)} - m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(10)}m_{202}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(10)}m_{103}^{(20)} - m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(20)}m_{211}^{(22)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(20)}m_{202}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(20)}m_{112}^{(20)} + m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(21)}m_{301}^{(22)} - m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(21)}m_{202}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(22)}m_{301}^{(21)} + m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(22)}m_{211}^{(20)} - m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(00)}m_{121}^{(22)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(00)}m_{112}^{(21)} - m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(00)}m_{103}^{(11)} + m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(10)}m_{211}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(10)}m_{202}^{(21)} - m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(11)}m_{202}^{(20)} + m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(11)}m_{103}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(20)}m_{220}^{(22)} - 3m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(20)}m_{211}^{(21)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(20)}m_{202}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(21)}m_{310}^{(22)} + m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(21)}m_{301}^{(21)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(21)}m_{211}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(21)}m_{112}^{(00)} + m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(22)}m_{310}^{(21)} - m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(22)}m_{301}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(22)}m_{220}^{(20)} + m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(22)}m_{121}^{(00)} - m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(00)}m_{002}^{(21)}m_{121}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(00)}m_{112}^{(11)} + m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(10)}m_{211}^{(21)} - m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(10)}m_{121}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(11)}m_{211}^{(20)} - m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(11)}m_{112}^{(00)} + m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(20)}m_{220}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(20)}m_{211}^{(11)} + m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(20)}m_{130}^{(20)} - m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(21)}m_{310}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(21)}m_{220}^{(20)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(21)}m_{121}^{(00)} + m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(22)}m_{310}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(22)}m_{130}^{(00)} + m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(00)}m_{013}^{(20)} - m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(00)}m_{004}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(10)}m_{103}^{(20)} + m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(10)}m_{004}^{(00)} - m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(20)}m_{112}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(20)}m_{103}^{(10)} - m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(20)}m_{013}^{(00)} + m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(21)}m_{202}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(21)}m_{103}^{(00)} - m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(22)}m_{202}^{(10)} + m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(22)}m_{112}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(00)}m_{022}^{(20)} + m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(00)}m_{013}^{(10)} + m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(10)}m_{112}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(10)}m_{013}^{(00)} + m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(20)}m_{121}^{(20)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(20)}m_{112}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(20)}m_{022}^{(00)} - m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(21)}m_{211}^{(20)} + m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(21)}m_{112}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(22)}m_{211}^{(10)} - m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(22)}m_{121}^{(00)} - m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(00)}m_{112}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(00)}m_{103}^{(10)} + m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(10)}m_{202}^{(20)} - m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(10)}m_{103}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(20)}m_{211}^{(20)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(20)}m_{202}^{(10)} + m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(20)}m_{112}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(21)}m_{301}^{(20)} + m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(21)}m_{202}^{(00)} + m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(22)}m_{301}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(22)}m_{211}^{(00)} + m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(00)}m_{121}^{(20)} - m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(00)}m_{112}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(10)}m_{211}^{(20)} + m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(10)}m_{112}^{(00)} - m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(20)}m_{220}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(20)}m_{211}^{(10)} - m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(20)}m_{121}^{(00)} + m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(21)}m_{310}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(21)}m_{211}^{(00)} - m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(22)}m_{310}^{(10)} + m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(22)}m_{220}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(00)}m_{031}^{(22)} - m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(00)}m_{013}^{(11)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(10)}m_{121}^{(22)}
\end{aligned}
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\begin{aligned}
&-m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(10)}m_{112}^{(21)}+m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(10)}m_{103}^{(11)}+2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(10)}m_{013}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(11)}m_{211}^{(22)}+m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(11)}m_{202}^{(21)}-m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(11)}m_{103}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(11)}m_{013}^{(00)}+m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(20)}m_{121}^{(21)}+m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(20)}m_{112}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(20)}m_{022}^{(10)}-m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(21)}m_{211}^{(21)}-m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(21)}m_{202}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(21)}m_{022}^{(00)}+m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(22)}m_{121}^{(10)}-m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(22)}m_{031}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(00)}m_{040}^{(22)}+m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(00)}m_{022}^{(11)}+2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(10)}m_{130}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(10)}m_{121}^{(21)}-m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(10)}m_{112}^{(11)}-2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(10)}m_{022}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(11)}m_{220}^{(22)}-m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(11)}m_{211}^{(21)}+m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(11)}m_{112}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(11)}m_{022}^{(00)}-m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(20)}m_{130}^{(21)}-m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(20)}m_{121}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(20)}m_{031}^{(10)}+m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(21)}m_{220}^{(21)}+m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(21)}m_{211}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(21)}m_{031}^{(00)}-m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(22)}m_{130}^{(10)}+m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(22)}m_{040}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(00)}m_{121}^{(22)}+m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(00)}m_{112}^{(21)}+2m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(10)}m_{211}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(10)}m_{202}^{(21)}-m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(10)}m_{103}^{(10)}-m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(11)}m_{301}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(11)}m_{103}^{(00)}-m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(20)}m_{211}^{(21)}+m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(20)}m_{112}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(21)}m_{301}^{(21)}+m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(21)}m_{202}^{(10)}-2m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(21)}m_{112}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(22)}m_{211}^{(10)}+m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(22)}m_{121}^{(00)}+m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(00)}m_{130}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(00)}m_{121}^{(21)}+m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(00)}m_{112}^{(11)}-2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(10)}m_{220}^{(22)}\\
&+3m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(10)}m_{211}^{(21)}-m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(10)}m_{202}^{(11)}+m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(11)}m_{310}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(11)}m_{301}^{(21)}+m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(11)}m_{202}^{(10)}-m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(11)}m_{112}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(20)}m_{220}^{(21)}-m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(20)}m_{211}^{(11)}-m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(21)}m_{310}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(21)}m_{301}^{(11)}-2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(21)}m_{211}^{(10)}+2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(21)}m_{121}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(22)}m_{220}^{(10)}-m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(22)}m_{130}^{(00)}+m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(00)}m_{130}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(00)}m_{121}^{(11)}-2m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(10)}m_{220}^{(21)}+m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(10)}m_{211}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(10)}m_{121}^{(10)}+m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(11)}m_{310}^{(21)}-m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(11)}m_{211}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(20)}m_{220}^{(11)}-m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(20)}m_{130}^{(10)}-m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(21)}m_{310}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(21)}m_{220}^{(10)}+m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(10)}m_{112}^{(20)}-m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(10)}m_{103}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(11)}m_{202}^{(20)}+m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(11)}m_{103}^{(00)}-m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(20)}m_{121}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(20)}m_{112}^{(10)}+m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(20)}m_{211}^{(20)}+m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(21)}m_{202}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(21)}m_{112}^{(00)}-m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(22)}m_{211}^{(10)}+m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(22)}m_{121}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(10)}m_{121}^{(20)}+m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(10)}m_{112}^{(10)}+m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(11)}m_{211}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(11)}m_{112}^{(00)}+m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(20)}m_{130}^{(20)}-m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(20)}m_{121}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(21)}m_{220}^{(20)}-m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(21)}m_{211}^{(10)}+2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(21)}m_{121}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(22)}m_{220}^{(10)}-m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(22)}m_{130}^{(00)}-m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(00)}m_{112}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(00)}m_{103}^{(10)}+m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(10)}m_{202}^{(20)}-m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(10)}m_{103}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(20)}m_{211}^{(20)}-2m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(20)}m_{202}^{(10)}+m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(20)}m_{112}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(21)}m_{301}^{(20)}+m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(21)}m_{202}^{(00)}+m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(22)}m_{301}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(22)}m_{211}^{(00)}+2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(00)}m_{121}^{(20)}-2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(00)}m_{112}^{(10)}\\
&-3m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(10)}m_{211}^{(20)}+m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(10)}m_{202}^{(10)}+2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(10)}m_{112}^{(00)}
\end{aligned}
$$

$$+m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(11)}m_{301}^{(20)} - m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(11)}m_{202}^{(00)} - m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(20)}m_{220}^{(20)}$$
$$+3m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(20)}m_{211}^{(10)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(20)}m_{121}^{(00)} + m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(21)}m_{310}^{(20)}$$
$$-m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(21)}m_{301}^{(10)} - m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(22)}m_{310}^{(10)} + m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(22)}m_{220}^{(00)}$$
$$-m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(00)}m_{130}^{(20)} + m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(00)}m_{121}^{(10)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(10)}m_{220}^{(20)}$$
$$-m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(10)}m_{211}^{(10)} - m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(10)}m_{121}^{(00)} - m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(11)}m_{310}^{(20)}$$
$$+m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(11)}m_{211}^{(00)} - m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(20)}m_{220}^{(10)} + m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(20)}m_{130}^{(00)}$$
$$+m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(21)}m_{310}^{(10)} - m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(21)}m_{220}^{(00)} - m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(00)}m_{031}^{(20)}$$
$$+m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(00)}m_{022}^{(10)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{121}^{(20)} - m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{112}^{(10)}$$
$$-m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{022}^{(00)} - m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(11)}m_{211}^{(20)} + m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(11)}m_{112}^{(00)}$$
$$-m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(20)}m_{121}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(20)}m_{031}^{(00)} + m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(21)}m_{211}^{(10)}$$
$$-m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(21)}m_{121}^{(00)} + m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(00)}m_{040}^{(20)} - m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(00)}m_{031}^{(10)}$$
$$-2m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(10)}m_{130}^{(20)} + m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(10)}m_{121}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(10)}m_{031}^{(00)}$$
$$+m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(11)}m_{220}^{(20)} - m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(11)}m_{121}^{(00)} + m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(20)}m_{130}^{(10)}$$
$$-m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(20)}m_{040}^{(00)} - m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(21)}m_{220}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(21)}m_{130}^{(00)}$$
$$+m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(00)}m_{121}^{(20)} - m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(00)}m_{112}^{(10)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(10)}m_{211}^{(20)}$$
$$+m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(10)}m_{202}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(10)}m_{112}^{(00)} + m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(11)}m_{301}^{(20)}$$
$$-m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(11)}m_{202}^{(00)} + m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(20)}m_{211}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(20)}m_{121}^{(00)}$$
$$-m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(21)}m_{301}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(21)}m_{211}^{(00)} - m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(00)}m_{130}^{(20)}$$
$$+m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(00)}m_{121}^{(10)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(10)}m_{220}^{(20)} - m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(10)}m_{211}^{(10)}$$
$$-m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(10)}m_{121}^{(00)} - m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(11)}m_{310}^{(20)} + m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(11)}m_{211}^{(00)}$$
$$-m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(20)}m_{220}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(20)}m_{130}^{(00)} + m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(21)}m_{310}^{(10)}$$
$$-m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(21)}m_{220}^{(00)} - m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(10)}m_{022}^{(22)} + m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(10)}m_{004}^{(11)}$$
$$+m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(11)}m_{112}^{(22)} + m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(11)}m_{103}^{(21)} - m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(11)}m_{013}^{(20)}$$
$$-m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(11)}m_{004}^{(10)} + m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(20)}m_{031}^{(22)} - m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(20)}m_{013}^{(11)}$$
$$-m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(21)}m_{121}^{(22)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(21)}m_{112}^{(21)} - m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(21)}m_{103}^{(11)}$$
$$+2m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(21)}m_{022}^{(20)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(21)}m_{013}^{(10)} + m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(22)}m_{121}^{(21)}$$
$$+m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(22)}m_{112}^{(11)} - m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(22)}m_{031}^{(20)} - m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(22)}m_{022}^{(10)}$$
$$+m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(10)}m_{112}^{(22)} - m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(10)}m_{103}^{(21)} - m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(11)}m_{202}^{(22)}$$
$$+m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(11)}m_{103}^{(20)} - m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(20)}m_{121}^{(22)} + m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(20)}m_{112}^{(21)}$$
$$+m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(21)}m_{211}^{(22)} + m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(21)}m_{202}^{(21)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(21)}m_{112}^{(20)}$$
$$-m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(22)}m_{211}^{(21)} + m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(22)}m_{121}^{(20)} + m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(10)}m_{121}^{(22)}$$
$$+m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(10)}m_{112}^{(21)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(10)}m_{103}^{(11)} - m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(11)}m_{211}^{(22)}$$
$$-2m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(11)}m_{202}^{(21)} + m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(11)}m_{112}^{(20)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(11)}m_{103}^{(10)}$$
$$-m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(20)}m_{130}^{(22)} - m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(20)}m_{121}^{(21)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(20)}m_{112}^{(11)}$$
$$+m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(21)}m_{220}^{(22)} + 3m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(21)}m_{211}^{(21)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(21)}m_{202}^{(11)}$$
$$-2m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(21)}m_{121}^{(20)} - 4m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(21)}m_{112}^{(10)} - m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(22)}m_{220}^{(21)}$$
$$-2m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(22)}m_{211}^{(11)} + m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(22)}m_{130}^{(20)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(22)}m_{121}^{(10)}$$
$$-m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(10)}m_{211}^{(22)} + m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(10)}m_{202}^{(21)} + m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(11)}m_{301}^{(22)}$$

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\begin{aligned}
&-m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(11)}m_{202}^{(20)} + m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(20)}m_{220}^{(22)} - m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{211}^{(21)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(21)}m_{310}^{(22)} - m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(21)}m_{301}^{(21)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(21)}m_{211}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(22)}m_{310}^{(21)} - m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(22)}m_{220}^{(20)} - m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(10)}m_{211}^{(21)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(10)}m_{202}^{(11)} + m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(11)}m_{301}^{(21)} - m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(11)}m_{202}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(20)}m_{220}^{(21)} - m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(20)}m_{211}^{(11)} - m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(21)}m_{310}^{(21)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(21)}m_{301}^{(11)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(21)}m_{211}^{(10)} + m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(22)}m_{310}^{(11)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(22)}m_{220}^{(10)} + m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(00)}m_{022}^{(22)} - m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(00)}m_{004}^{(11)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(10)}m_{112}^{(22)} - m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(10)}m_{103}^{(21)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(10)}m_{013}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(11)}m_{103}^{(20)} + m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(11)}m_{004}^{(00)} - m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(20)}m_{121}^{(22)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(20)}m_{112}^{(21)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(20)}m_{103}^{(11)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(20)}m_{022}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(21)}m_{211}^{(22)} + m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(21)}m_{202}^{(21)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(21)}m_{013}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(22)}m_{211}^{(21)} - m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(22)}m_{202}^{(11)} + m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(22)}m_{121}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(22)}m_{022}^{(00)} - m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(00)}m_{112}^{(22)} + m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(00)}m_{103}^{(21)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(10)}m_{202}^{(22)} - m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(10)}m_{103}^{(20)} + m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{211}^{(22)}\\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{202}^{(21)} + m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{112}^{(20)} - m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(21)}m_{301}^{(22)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(21)}m_{202}^{(20)} + m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(22)}m_{301}^{(21)} - m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(22)}m_{211}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(00)}m_{121}^{(22)} - m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(00)}m_{112}^{(21)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(00)}m_{103}^{(11)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(10)}m_{211}^{(22)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(10)}m_{202}^{(21)} - 3m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(10)}m_{112}^{(20)}\\
&+2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(11)}m_{202}^{(20)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(11)}m_{103}^{(00)} + m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{220}^{(22)}\\
&-4m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{202}^{(11)} + 3m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{121}^{(20)} - m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{310}^{(22)}\\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{301}^{(21)} - m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{211}^{(20)} + 4m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{112}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(22)}m_{310}^{(21)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(22)}m_{301}^{(11)} - m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(22)}m_{220}^{(20)}\\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(22)}m_{121}^{(00)} + m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(00)}m_{211}^{(22)} - m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(00)}m_{202}^{(21)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(10)}m_{301}^{(22)} + m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(10)}m_{202}^{(20)} - m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{310}^{(22)}\\
&+2m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{301}^{(21)} - m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{211}^{(20)} + m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(21)}m_{400}^{(22)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(21)}m_{301}^{(20)} - m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(22)}m_{400}^{(21)} + m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(22)}m_{310}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(00)}m_{211}^{(21)} - m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(00)}m_{202}^{(11)} - m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{301}^{(21)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{211}^{(20)} - m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(11)}m_{301}^{(20)} + m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(11)}m_{202}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(20)}m_{310}^{(21)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(20)}m_{301}^{(11)} - m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(20)}m_{220}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(21)}m_{400}^{(21)} + m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(21)}m_{310}^{(20)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(21)}m_{211}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(22)}m_{400}^{(11)} + m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(22)}m_{220}^{(00)} - m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(00)}m_{013}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(00)}m_{004}^{(10)} + m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(10)}m_{103}^{(20)} - m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(10)}m_{004}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(20)}m_{112}^{(20)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(20)}m_{103}^{(10)} + m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(20)}m_{013}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(21)}m_{202}^{(20)} + m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(21)}m_{103}^{(00)} + m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(22)}m_{202}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(22)}m_{112}^{(00)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(00)}m_{112}^{(20)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(00)}m_{103}^{(10)}\\
&-2m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(10)}m_{202}^{(20)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(10)}m_{103}^{(00)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{211}^{(20)}\\
&+4m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{202}^{(10)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{112}^{(00)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(21)}m_{301}^{(20)}\\
&-2m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(21)}m_{202}^{(00)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(22)}m_{301}^{(10)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(22)}m_{211}^{(00)}
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&-m_{000}^{(21)}m_{010}^{(11)}m_{002}^{(00)}m_{211}^{(20)}+m_{000}^{(21)}m_{010}^{(11)}m_{002}^{(00)}m_{202}^{(10)}+m_{000}^{(21)}m_{010}^{(11)}m_{002}^{(10)}m_{301}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(11)}m_{002}^{(10)}m_{202}^{(00)}+m_{000}^{(21)}m_{010}^{(11)}m_{002}^{(20)}m_{310}^{(20)}-2m_{000}^{(21)}m_{010}^{(11)}m_{002}^{(20)}m_{301}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(11)}m_{002}^{(20)}m_{211}^{(00)}-m_{000}^{(21)}m_{010}^{(11)}m_{002}^{(21)}m_{400}^{(20)}+m_{000}^{(21)}m_{010}^{(11)}m_{002}^{(21)}m_{301}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(11)}m_{002}^{(22)}m_{400}^{(10)}-m_{000}^{(21)}m_{010}^{(11)}m_{002}^{(22)}m_{310}^{(00)}-m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(00)}m_{031}^{(22)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(00)}m_{013}^{(11)}+2m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(10)}m_{121}^{(22)}+m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(10)}m_{112}^{(21)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(10)}m_{103}^{(11)}-2m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(10)}m_{013}^{(10)}-m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(11)}m_{211}^{(22)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(11)}m_{202}^{(21)}+m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(11)}m_{103}^{(10)}+m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(11)}m_{013}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(20)}m_{121}^{(21)}-m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(20)}m_{112}^{(11)}+2m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(20)}m_{022}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{211}^{(21)}+m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{202}^{(11)}-2m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{022}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(22)}m_{121}^{(10)}+m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(22)}m_{031}^{(00)}+m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(00)}m_{121}^{(22)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(00)}m_{112}^{(21)}-2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(10)}m_{211}^{(22)}+m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(10)}m_{202}^{(21)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(10)}m_{103}^{(10)}+m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(11)}m_{301}^{(22)}-m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(11)}m_{103}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{211}^{(21)}-m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{112}^{(10)}-m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{301}^{(21)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{202}^{(10)}+2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{112}^{(00)}+m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(22)}m_{211}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(22)}m_{121}^{(00)}+m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(00)}m_{130}^{(22)}+m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(00)}m_{121}^{(21)}\\
&-2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(00)}m_{112}^{(11)}-2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{220}^{(22)}-3m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{211}^{(21)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{202}^{(11)}+3m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{112}^{(10)}+m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(11)}m_{310}^{(22)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(11)}m_{301}^{(21)}-2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(11)}m_{202}^{(10)}-m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(11)}m_{112}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{220}^{(21)}+2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{211}^{(11)}-3m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{121}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{310}^{(21)}-2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{301}^{(11)}+m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{211}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{121}^{(00)}+m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(22)}m_{220}^{(10)}-m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(22)}m_{130}^{(00)}\\
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&-m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{301}^{(21)}-m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{202}^{(10)}-m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(11)}m_{400}^{(22)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(11)}m_{202}^{(00)}-m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{310}^{(21)}+m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{211}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(21)}m_{400}^{(21)}+m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(21)}m_{301}^{(10)}-2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(21)}m_{211}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(22)}m_{310}^{(10)}+m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(22)}m_{220}^{(00)}-m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(00)}m_{220}^{(21)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(00)}m_{211}^{(11)}+2m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(10)}m_{310}^{(21)}-m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(10)}m_{301}^{(11)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(10)}m_{211}^{(10)}-m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(11)}m_{400}^{(21)}+m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(11)}m_{301}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(20)}m_{310}^{(11)}+m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(20)}m_{220}^{(10)}+m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(21)}m_{400}^{(11)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(21)}m_{310}^{(10)}-m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(10)}m_{112}^{(20)}+m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(10)}m_{103}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(11)}m_{202}^{(20)}-m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(11)}m_{103}^{(00)}+m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{121}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{112}^{(10)}-m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(21)}m_{211}^{(20)}-m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(21)}m_{202}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(21)}m_{112}^{(00)}+m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(22)}m_{211}^{(10)}-m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(22)}m_{121}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(00)}m_{112}^{(20)}-m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(00)}m_{103}^{(10)}-m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(10)}m_{202}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(10)}m_{103}^{(00)}-m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(20)}m_{211}^{(20)}+2m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(20)}m_{202}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(20)}m_{112}^{(00)}+m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(21)}m_{301}^{(20)}-m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(21)}m_{202}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(22)}m_{301}^{(10)}+m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(22)}m_{211}^{(00)}-m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{121}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{112}^{(10)}+3m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{211}^{(20)}-2m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{202}^{(10)}
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&-m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{112}^{(00)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(11)}m_{301}^{(20)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(11)}m_{202}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{220}^{(20)} + m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{121}^{(00)} + m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(21)}m_{310}^{(20)}\\
&+2m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(21)}m_{301}^{(10)} - 3m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(21)}m_{211}^{(00)} - m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(22)}m_{310}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(22)}m_{220}^{(00)} - m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(00)}m_{211}^{(20)} + m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(00)}m_{202}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(10)}m_{301}^{(20)} - m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(10)}m_{202}^{(00)} + m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(20)}m_{310}^{(20)}\\
&-2m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(20)}m_{301}^{(10)} + m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(20)}m_{211}^{(00)} - m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(21)}m_{400}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(21)}m_{301}^{(00)} + m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(22)}m_{400}^{(10)} - m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(22)}m_{310}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(21)}m_{002}^{(00)}m_{220}^{(20)} - m_{000}^{(21)}m_{010}^{(21)}m_{002}^{(00)}m_{211}^{(10)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{002}^{(10)}m_{310}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(21)}m_{002}^{(10)}m_{301}^{(10)} + m_{000}^{(21)}m_{010}^{(21)}m_{002}^{(10)}m_{211}^{(00)} + m_{000}^{(21)}m_{010}^{(21)}m_{002}^{(11)}m_{400}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{002}^{(11)}m_{301}^{(00)} + m_{000}^{(21)}m_{010}^{(21)}m_{002}^{(20)}m_{310}^{(10)} - m_{000}^{(21)}m_{010}^{(21)}m_{002}^{(20)}m_{220}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{002}^{(21)}m_{400}^{(10)} + m_{000}^{(21)}m_{010}^{(21)}m_{002}^{(21)}m_{310}^{(00)} + m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(00)}m_{031}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(00)}m_{022}^{(10)} - 2m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{121}^{(20)} + m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{112}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{022}^{(00)} + m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(11)}m_{211}^{(20)} - m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(11)}m_{112}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{121}^{(10)} - m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{031}^{(00)} - m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{211}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{121}^{(00)} - m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(00)}m_{121}^{(20)} + m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(00)}m_{112}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{211}^{(20)} - m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{202}^{(10)} - m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{112}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(11)}m_{301}^{(20)} + m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(11)}m_{202}^{(00)} - m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{211}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{121}^{(00)} + m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(21)}m_{301}^{(10)} - m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(21)}m_{211}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(00)}m_{130}^{(20)} + m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(00)}m_{121}^{(10)} + 2m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{220}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{211}^{(10)} - m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{121}^{(00)} - m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(11)}m_{310}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(11)}m_{211}^{(00)} - m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(20)}m_{220}^{(10)} + m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(20)}m_{130}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(21)}m_{310}^{(10)} - m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(21)}m_{220}^{(00)} + m_{000}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{220}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{211}^{(10)} - 2m_{000}^{(21)}m_{010}^{(22)}m_{011}^{(10)}m_{310}^{(20)} + m_{000}^{(21)}m_{010}^{(22)}m_{011}^{(10)}m_{301}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(22)}m_{011}^{(10)}m_{211}^{(00)} + m_{000}^{(21)}m_{010}^{(22)}m_{011}^{(11)}m_{400}^{(20)} - m_{000}^{(21)}m_{010}^{(22)}m_{011}^{(11)}m_{301}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(22)}m_{011}^{(20)}m_{310}^{(10)} - m_{000}^{(21)}m_{010}^{(22)}m_{011}^{(20)}m_{220}^{(00)} - m_{000}^{(21)}m_{010}^{(22)}m_{011}^{(21)}m_{400}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(22)}m_{011}^{(21)}m_{310}^{(00)} + m_{000}^{(21)}m_{001}^{(00)}m_{200}^{(10)}m_{031}^{(22)} - m_{000}^{(21)}m_{001}^{(00)}m_{200}^{(10)}m_{013}^{(11)}\\
&-m_{000}^{(21)}m_{001}^{(00)}m_{200}^{(11)}m_{121}^{(22)} - m_{000}^{(21)}m_{001}^{(00)}m_{200}^{(11)}m_{112}^{(21)} + m_{000}^{(21)}m_{001}^{(00)}m_{200}^{(11)}m_{022}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{200}^{(11)}m_{013}^{(10)} - m_{000}^{(21)}m_{001}^{(00)}m_{200}^{(20)}m_{040}^{(22)} + m_{000}^{(21)}m_{001}^{(00)}m_{200}^{(20)}m_{022}^{(11)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{200}^{(21)}m_{130}^{(22)} + 2m_{000}^{(21)}m_{001}^{(00)}m_{200}^{(21)}m_{121}^{(21)} + m_{000}^{(21)}m_{001}^{(00)}m_{200}^{(21)}m_{112}^{(11)}\\
&-2m_{000}^{(21)}m_{001}^{(00)}m_{200}^{(21)}m_{031}^{(20)} - 2m_{000}^{(21)}m_{001}^{(00)}m_{200}^{(21)}m_{022}^{(10)} - m_{000}^{(21)}m_{001}^{(00)}m_{200}^{(22)}m_{130}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(00)}m_{200}^{(22)}m_{121}^{(11)} + m_{000}^{(21)}m_{001}^{(00)}m_{200}^{(22)}m_{040}^{(20)} + m_{000}^{(21)}m_{001}^{(00)}m_{200}^{(22)}m_{031}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(10)}m_{121}^{(22)} + m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(10)}m_{112}^{(21)} + m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(10)}m_{103}^{(11)}\\
&+2m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(11)}m_{211}^{(22)} + m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(11)}m_{202}^{(21)} - 2m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(11)}m_{112}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(11)}m_{103}^{(10)} + 2m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{130}^{(22)} - m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{121}^{(21)}\\
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&-m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{202}^{(11)} + 4m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{121}^{(20)} + 2m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{112}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{220}^{(21)} + m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(22)}m_{211}^{(11)} - 2m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(22)}m_{130}^{(20)}\\
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&+m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(11)}m_{211}^{(21)} - m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(11)}m_{112}^{(10)} + m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(20)}m_{130}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(20)}m_{121}^{(11)} - m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{220}^{(21)} - m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{211}^{(11)}\\
&+2m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{121}^{(10)} + m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(22)}m_{220}^{(11)} - m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(22)}m_{130}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(10)}m_{211}^{(22)} - m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(10)}m_{202}^{(21)} - m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(11)}m_{301}^{(22)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(11)}m_{202}^{(20)} - m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(20)}m_{220}^{(22)} + m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(20)}m_{211}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(21)}m_{310}^{(22)} + m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(21)}m_{301}^{(21)} - 2m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(21)}m_{211}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(22)}m_{310}^{(21)} + m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(22)}m_{220}^{(20)} + m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{211}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{202}^{(11)} - m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(11)}m_{301}^{(21)} + m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(11)}m_{202}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{220}^{(21)} + m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{211}^{(11)} + m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{310}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{301}^{(11)} - 2m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{211}^{(10)} - m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(22)}m_{310}^{(11)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(22)}m_{220}^{(10)} - m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(00)}m_{031}^{(22)} + m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(00)}m_{013}^{(11)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(10)}m_{121}^{(22)} + m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(10)}m_{112}^{(21)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(10)}m_{022}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(11)}m_{112}^{(20)} - m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(11)}m_{013}^{(00)} + m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{130}^{(22)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{121}^{(21)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{112}^{(11)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{031}^{(20)}\\
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&-m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(22)}m_{031}^{(00)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(00)}m_{121}^{(22)} - m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(00)}m_{112}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(00)}m_{103}^{(11)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{211}^{(22)} - m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{202}^{(21)}\\
&+3m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{112}^{(20)} - m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(11)}m_{202}^{(20)} + m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(11)}m_{103}^{(00)}\\
&-2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{220}^{(22)} + 3m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{211}^{(21)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{202}^{(11)}\\
&-3m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{121}^{(20)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{310}^{(22)} + m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{301}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{211}^{(20)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{112}^{(00)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(22)}m_{310}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(22)}m_{301}^{(11)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(22)}m_{220}^{(20)} + m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(22)}m_{121}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{121}^{(21)} - m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{112}^{(11)} - m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{211}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{121}^{(20)} - m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(11)}m_{211}^{(20)} + m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(11)}m_{112}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{220}^{(21)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{211}^{(11)} - m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{130}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{310}^{(21)} + m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{220}^{(20)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{121}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(22)}m_{310}^{(11)} + m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(22)}m_{130}^{(00)} - m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(00)}m_{211}^{(22)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(00)}m_{202}^{(21)} + m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(10)}m_{301}^{(22)} - m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(10)}m_{202}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(20)}m_{310}^{(22)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(20)}m_{301}^{(21)} + m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(20)}m_{211}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(21)}m_{400}^{(22)} + m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(21)}m_{301}^{(20)} + m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(22)}m_{400}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(22)}m_{310}^{(20)} - m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{211}^{(21)} + m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{202}^{(11)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{301}^{(21)} - m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{211}^{(20)} + m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(11)}m_{301}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(11)}m_{202}^{(00)} + m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{310}^{(21)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{301}^{(11)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{220}^{(20)} - m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{400}^{(21)} - m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{310}^{(20)}\\
&+2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{211}^{(00)} + m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(22)}m_{400}^{(11)} - m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(22)}m_{220}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(00)}m_{022}^{(20)} - m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(00)}m_{013}^{(10)} - m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{112}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{013}^{(00)} - m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{121}^{(20)} + 2m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{112}^{(10)}
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&-m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{022}^{(00)} + m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{211}^{(20)} - m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{112}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(22)}m_{211}^{(10)} + m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(22)}m_{121}^{(00)} - m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(00)}m_{112}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(00)}m_{103}^{(10)} + m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(10)}m_{202}^{(20)} - m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(10)}m_{103}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{211}^{(20)} - 2m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{202}^{(10)} + m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{112}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(21)}m_{301}^{(20)} + m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(21)}m_{202}^{(00)} + m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(22)}m_{301}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(22)}m_{211}^{(00)} - m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{121}^{(20)} + m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{112}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{211}^{(20)} - m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{112}^{(00)} + m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{220}^{(20)}\\
&-2m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{211}^{(10)} + m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{121}^{(00)} - m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{310}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{211}^{(00)} + m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(22)}m_{310}^{(10)} - m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(22)}m_{220}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(00)}m_{211}^{(20)} - m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(00)}m_{202}^{(10)} - m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(10)}m_{301}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(10)}m_{202}^{(00)} - m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(20)}m_{310}^{(20)} + 2m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(20)}m_{301}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(20)}m_{211}^{(00)} + m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(21)}m_{400}^{(20)} - m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(21)}m_{301}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(22)}m_{400}^{(10)} + m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(22)}m_{310}^{(00)} + m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(00)}m_{040}^{(22)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(00)}m_{022}^{(11)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{130}^{(22)} - m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{121}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{112}^{(11)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{022}^{(10)} + m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{220}^{(22)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{211}^{(21)} - m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{112}^{(10)} - m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{022}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{130}^{(21)} + m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{121}^{(11)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{031}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{220}^{(21)} - m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{211}^{(11)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{031}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(22)}m_{130}^{(10)} - m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(22)}m_{040}^{(00)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{130}^{(22)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{121}^{(21)} + m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{112}^{(11)} + 4m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{220}^{(22)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{202}^{(11)} - 3m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{112}^{(10)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{310}^{(22)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{301}^{(21)} + m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{202}^{(10)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{112}^{(00)}\\
&-2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{220}^{(21)} - m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{211}^{(11)} + 3m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{121}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{310}^{(21)} + m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{301}^{(11)} + m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{211}^{(10)}\\
&-4m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{121}^{(00)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(22)}m_{220}^{(10)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(22)}m_{130}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(00)}m_{130}^{(21)} + m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(00)}m_{121}^{(11)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{220}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{211}^{(11)} - m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{121}^{(10)} - m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{310}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{211}^{(10)} - m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(20)}m_{220}^{(11)} + m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(20)}m_{130}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(21)}m_{310}^{(11)} - m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(21)}m_{220}^{(10)} + m_{000}^{(21)}m_{001}^{(20)}m_{001}^{(00)}m_{020}^{(22)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{211}^{(21)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{310}^{(22)} + m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{301}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{202}^{(10)} + m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(11)}m_{400}^{(22)} - m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(11)}m_{202}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{310}^{(21)} - m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{211}^{(10)} - m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(21)}m_{400}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(21)}m_{301}^{(10)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(21)}m_{211}^{(00)} + m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(22)}m_{310}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(22)}m_{220}^{(00)} + m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{220}^{(21)} - m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{211}^{(11)}\\
&-2m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{310}^{(21)} + m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{301}^{(11)} + m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{211}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(11)}m_{400}^{(21)} - m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(11)}m_{301}^{(10)} + m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(20)}m_{310}^{(11)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(20)}m_{220}^{(10)} - m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(21)}m_{400}^{(11)} + m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(21)}m_{310}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{121}^{(20)} - m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{112}^{(10)} - m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(11)}m_{211}^{(20)}
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&+m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(11)}m_{112}^{(00)} - m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{130}^{(20)} + m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{121}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{220}^{(20)} + m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{211}^{(10)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{121}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(22)}m_{220}^{(10)} + m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(22)}m_{130}^{(00)} - m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{121}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{112}^{(10)} + m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{202}^{(10)} - m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{112}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(11)}m_{301}^{(20)} - m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(11)}m_{202}^{(00)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{220}^{(20)}\\
&-3m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{211}^{(10)} + m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{121}^{(00)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{310}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{301}^{(10)} + 3m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{211}^{(00)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(22)}m_{310}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(22)}m_{220}^{(00)} + m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{130}^{(20)} - m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{121}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{220}^{(20)} + m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{211}^{(10)} + m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{121}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(11)}m_{310}^{(20)} - m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(11)}m_{211}^{(00)} + m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(20)}m_{220}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(20)}m_{130}^{(00)} - m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(21)}m_{310}^{(10)} + m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(21)}m_{220}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(00)}m_{211}^{(20)} - m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(00)}m_{202}^{(10)} - m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(10)}m_{301}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(10)}m_{202}^{(00)} - m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{310}^{(20)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{301}^{(10)}\\
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&-m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(22)}m_{400}^{(10)} + m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(22)}m_{310}^{(00)} - m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{220}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{211}^{(10)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{310}^{(20)} - m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{301}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{211}^{(00)} - m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(11)}m_{400}^{(20)} + m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(11)}m_{301}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(20)}m_{310}^{(10)} + m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(20)}m_{220}^{(00)} + m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(21)}m_{400}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(21)}m_{310}^{(00)} - m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(00)}m_{040}^{(20)} + m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(00)}m_{031}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{130}^{(20)} - m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{121}^{(10)} - m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{031}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{220}^{(20)} + m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{121}^{(00)} - m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(20)}m_{130}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(20)}m_{040}^{(00)} + m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(21)}m_{220}^{(10)} - m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(21)}m_{130}^{(00)}\\
&+2m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{130}^{(20)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{121}^{(10)} - 4m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{220}^{(20)}\\
&+2m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{211}^{(10)} + 2m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{121}^{(00)} + 2m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(11)}m_{310}^{(20)}\\
&-2m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(11)}m_{211}^{(00)} + 2m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(20)}m_{220}^{(10)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(20)}m_{130}^{(00)}\\
&-2m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(21)}m_{310}^{(10)} + 2m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(21)}m_{220}^{(00)} - m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{220}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{211}^{(10)} + 2m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{310}^{(20)} - m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{301}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{211}^{(00)} - m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(11)}m_{400}^{(20)} + m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(11)}m_{301}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(20)}m_{310}^{(10)} + m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(20)}m_{220}^{(00)} + m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(21)}m_{400}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(21)}m_{310}^{(00)} - m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(10)}m_{022}^{(21)} + m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(10)}m_{013}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(11)}m_{112}^{(21)} - m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(11)}m_{013}^{(10)} + m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(20)}m_{031}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(20)}m_{022}^{(11)} - m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(21)}m_{121}^{(21)} - m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(21)}m_{112}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(21)}m_{022}^{(10)} + m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(22)}m_{121}^{(11)} - m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(22)}m_{031}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(10)}m_{031}^{(21)} - m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(10)}m_{022}^{(11)} - m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(11)}m_{121}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(11)}m_{022}^{(10)} - m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(20)}m_{040}^{(21)} + m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(20)}m_{031}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(21)}m_{130}^{(21)} + m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(21)}m_{121}^{(11)} - 2m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(21)}m_{031}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(22)}m_{130}^{(11)} + m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(22)}m_{040}^{(10)} + m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(10)}m_{112}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(10)}m_{103}^{(11)} - m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(11)}m_{202}^{(21)} + m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(11)}m_{103}^{(10)}
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&-m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(20)}m_{121}^{(21)}+m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(20)}m_{112}^{(11)}+m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(21)}m_{211}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(21)}m_{202}^{(11)}-2m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(21)}m_{112}^{(10)}-m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(22)}m_{211}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(22)}m_{121}^{(10)}-m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(10)}m_{121}^{(21)}+m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(10)}m_{112}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(11)}m_{211}^{(21)}-m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(11)}m_{112}^{(10)}+m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(20)}m_{130}^{(21)}\\
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&+m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(00)}m_{103}^{(10)}+m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(10)}m_{202}^{(20)}-m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(10)}m_{103}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(20)}m_{211}^{(20)}-2m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(20)}m_{202}^{(10)}+m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(20)}m_{112}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(21)}m_{301}^{(20)}+m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(21)}m_{202}^{(00)}+m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(22)}m_{301}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(22)}m_{211}^{(00)}-m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(00)}m_{121}^{(20)}+m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(00)}m_{112}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(10)}m_{211}^{(20)}-m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(10)}m_{112}^{(00)}+m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(20)}m_{220}^{(20)}\\
&-2m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(20)}m_{211}^{(10)}+m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(20)}m_{121}^{(00)}-m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(21)}m_{310}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(21)}m_{211}^{(00)}+m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(22)}m_{310}^{(10)}-m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(22)}m_{220}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{011}^{(00)}m_{211}^{(20)}-m_{000}^{(22)}m_{010}^{(11)}m_{011}^{(00)}m_{202}^{(10)}-m_{000}^{(22)}m_{010}^{(11)}m_{011}^{(10)}m_{301}^{(20)}
\end{aligned}
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\begin{aligned}
&+m_{000}^{(22)}m_{010}^{(11)}m_{011}^{(10)}m_{202}^{(00)} - m_{000}^{(22)}m_{010}^{(11)}m_{011}^{(20)}m_{310}^{(20)} + 2m_{000}^{(22)}m_{010}^{(11)}m_{011}^{(20)}m_{301}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{011}^{(20)}m_{211}^{(00)} + m_{000}^{(22)}m_{010}^{(11)}m_{011}^{(21)}m_{400}^{(20)} - m_{000}^{(22)}m_{010}^{(11)}m_{011}^{(21)}m_{301}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{011}^{(22)}m_{400}^{(10)} + m_{000}^{(22)}m_{010}^{(11)}m_{011}^{(22)}m_{310}^{(00)} + m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(00)}m_{031}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(00)}m_{022}^{(11)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(10)}m_{121}^{(21)} + m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(10)}m_{112}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(10)}m_{022}^{(10)} + m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(11)}m_{211}^{(21)} - m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(11)}m_{112}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(20)}m_{121}^{(11)} - m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(20)}m_{031}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(21)}m_{211}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(21)}m_{121}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(00)}m_{121}^{(21)} + m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(00)}m_{112}^{(11)}\\
&+2m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(10)}m_{211}^{(21)} - m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(10)}m_{202}^{(11)} - m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(10)}m_{112}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(11)}m_{301}^{(21)} + m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(11)}m_{202}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(20)}m_{211}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(20)}m_{121}^{(10)} + m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(21)}m_{301}^{(11)} - m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(21)}m_{211}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(00)}m_{130}^{(21)} + m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(00)}m_{121}^{(11)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(10)}m_{220}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(10)}m_{211}^{(11)} - m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(10)}m_{121}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(11)}m_{310}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(11)}m_{211}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(20)}m_{220}^{(11)} + m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(20)}m_{130}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(21)}m_{310}^{(11)} - m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(21)}m_{220}^{(10)} + m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(00)}m_{220}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(00)}m_{211}^{(11)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{310}^{(21)} + m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{301}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{211}^{(10)} + m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(11)}m_{400}^{(21)} - m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(11)}m_{301}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(20)}m_{310}^{(11)} - m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(20)}m_{220}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(21)}m_{400}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(21)}m_{310}^{(10)} - m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(00)}m_{031}^{(20)} + m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(00)}m_{022}^{(10)}\\
&+2m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(10)}m_{121}^{(20)} - m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(10)}m_{112}^{(10)} - m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(10)}m_{022}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(11)}m_{211}^{(20)} + m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(11)}m_{112}^{(00)} - m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(20)}m_{121}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(20)}m_{031}^{(00)} + m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(21)}m_{211}^{(10)} - m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(21)}m_{121}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(00)}m_{121}^{(20)} - m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(00)}m_{112}^{(10)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{211}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{202}^{(10)} + m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{112}^{(00)} + m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(11)}m_{301}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(11)}m_{202}^{(00)} + m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(20)}m_{211}^{(10)} - m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(20)}m_{121}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(21)}m_{301}^{(10)} + m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(21)}m_{211}^{(00)} + m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(00)}m_{130}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(00)}m_{121}^{(10)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(10)}m_{220}^{(20)} + m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(10)}m_{211}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(10)}m_{121}^{(00)} + m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(11)}m_{310}^{(20)} - m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(11)}m_{211}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(20)}m_{220}^{(10)} - m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(20)}m_{130}^{(00)} - m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(21)}m_{310}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(21)}m_{220}^{(00)} - m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(00)}m_{220}^{(20)} + m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(00)}m_{211}^{(10)}\\
&+2m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(10)}m_{310}^{(20)} - m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(10)}m_{301}^{(10)} - m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(10)}m_{211}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(11)}m_{400}^{(20)} + m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(11)}m_{301}^{(00)} - m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(20)}m_{310}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(20)}m_{220}^{(00)} + m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(21)}m_{400}^{(10)} - m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(21)}m_{310}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(00)}m_{200}^{(10)}m_{031}^{(21)} + m_{000}^{(22)}m_{001}^{(00)}m_{200}^{(10)}m_{022}^{(11)} + m_{000}^{(22)}m_{001}^{(00)}m_{200}^{(11)}m_{121}^{(21)}\\
&-m_{000}^{(22)}m_{001}^{(00)}m_{200}^{(11)}m_{022}^{(10)} + m_{000}^{(22)}m_{001}^{(00)}m_{200}^{(20)}m_{040}^{(21)} - m_{000}^{(22)}m_{001}^{(00)}m_{200}^{(20)}m_{031}^{(11)}\\
&-m_{000}^{(22)}m_{001}^{(00)}m_{200}^{(21)}m_{130}^{(21)} - m_{000}^{(22)}m_{001}^{(00)}m_{200}^{(21)}m_{121}^{(11)} + 2m_{000}^{(22)}m_{001}^{(00)}m_{200}^{(21)}m_{031}^{(10)}\\
&+m_{000}^{(22)}m_{001}^{(00)}m_{200}^{(22)}m_{130}^{(11)} - m_{000}^{(22)}m_{001}^{(00)}m_{200}^{(22)}m_{040}^{(10)} + 2m_{000}^{(22)}m_{001}^{(00)}m_{110}^{(10)}m_{121}^{(21)}\\
&-2m_{000}^{(22)}m_{001}^{(00)}m_{110}^{(10)}m_{112}^{(11)} - 2m_{000}^{(22)}m_{001}^{(00)}m_{110}^{(11)}m_{211}^{(21)} + 2m_{000}^{(22)}m_{001}^{(00)}m_{110}^{(11)}m_{112}^{(10)}\\
&-2m_{000}^{(22)}m_{001}^{(00)}m_{110}^{(20)}m_{130}^{(21)} + 2m_{000}^{(22)}m_{001}^{(00)}m_{110}^{(20)}m_{121}^{(11)} + 2m_{000}^{(22)}m_{001}^{(00)}m_{110}^{(21)}m_{220}^{(21)}
\end{aligned}
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\begin{aligned}
&+2m_{000}^{(22)}m_{001}^{(00)}m_{110}^{(21)}m_{211}^{(11)} - 4m_{000}^{(22)}m_{001}^{(00)}m_{110}^{(21)}m_{121}^{(10)} - 2m_{000}^{(22)}m_{001}^{(00)}m_{110}^{(22)}m_{220}^{(11)}\\
&+2m_{000}^{(22)}m_{001}^{(00)}m_{110}^{(22)}m_{130}^{(10)} - m_{000}^{(22)}m_{001}^{(00)}m_{020}^{(10)}m_{211}^{(21)} + m_{000}^{(22)}m_{001}^{(00)}m_{020}^{(10)}m_{202}^{(11)}\\
&+m_{000}^{(22)}m_{001}^{(00)}m_{020}^{(11)}m_{301}^{(21)} - m_{000}^{(22)}m_{001}^{(00)}m_{020}^{(11)}m_{202}^{(10)} + m_{000}^{(22)}m_{001}^{(00)}m_{020}^{(20)}m_{220}^{(21)}\\
&-m_{000}^{(22)}m_{001}^{(00)}m_{020}^{(20)}m_{211}^{(11)} - m_{000}^{(22)}m_{001}^{(00)}m_{020}^{(21)}m_{310}^{(11)} - m_{000}^{(22)}m_{001}^{(00)}m_{020}^{(21)}m_{301}^{(11)}\\
&+2m_{000}^{(22)}m_{001}^{(00)}m_{020}^{(21)}m_{211}^{(10)} + m_{000}^{(22)}m_{001}^{(00)}m_{020}^{(22)}m_{310}^{(11)} - m_{000}^{(22)}m_{001}^{(00)}m_{020}^{(22)}m_{220}^{(10)}\\
&+m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(00)}m_{031}^{(21)} - m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(00)}m_{022}^{(11)} - m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(10)}m_{121}^{(21)}\\
&+m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(10)}m_{031}^{(20)} - m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(11)}m_{121}^{(20)} + m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(11)}m_{022}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(20)}m_{130}^{(21)} + 2m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(20)}m_{121}^{(11)} - m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(20)}m_{040}^{(20)}\\
&+m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(21)}m_{220}^{(21)} + m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(21)}m_{130}^{(20)} - 2m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(21)}m_{031}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(22)}m_{220}^{(11)} + m_{000}^{(22)}m_{001}^{(10)}m_{200}^{(22)}m_{040}^{(00)} - 2m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(00)}m_{121}^{(21)}\\
&+2m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(00)}m_{112}^{(11)} + 2m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{211}^{(21)} - 2m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(10)}m_{121}^{(20)}\\
&+2m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(11)}m_{211}^{(20)} - 2m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(11)}m_{112}^{(00)} + 2m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(20)}m_{220}^{(21)}\\
&-4m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(20)}m_{211}^{(11)} + 2m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(20)}m_{130}^{(20)} - 2m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(21)}m_{310}^{(21)}\\
&-2m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(21)}m_{220}^{(20)} + 4m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(21)}m_{121}^{(00)} + 2m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(22)}m_{310}^{(11)}\\
&-2m_{000}^{(22)}m_{001}^{(10)}m_{110}^{(22)}m_{130}^{(00)} + m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(00)}m_{211}^{(21)} - m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(00)}m_{202}^{(11)}\\
&-m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(10)}m_{301}^{(21)} + m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(10)}m_{211}^{(20)} - m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(11)}m_{301}^{(20)}\\
&+m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(11)}m_{202}^{(00)} - m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(20)}m_{310}^{(21)} + 2m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(20)}m_{301}^{(11)}\\
&-m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(20)}m_{220}^{(20)} + m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(21)}m_{400}^{(21)} + m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(21)}m_{310}^{(20)}\\
&-2m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(21)}m_{211}^{(00)} - m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(22)}m_{400}^{(11)} + m_{000}^{(22)}m_{001}^{(10)}m_{020}^{(22)}m_{220}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(00)}m_{031}^{(20)} + m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(00)}m_{022}^{(10)} + m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(10)}m_{121}^{(20)}\\
&-m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(10)}m_{022}^{(00)} + m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(20)}m_{130}^{(20)} - 2m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(20)}m_{121}^{(10)}\\
&+m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(20)}m_{031}^{(00)} - m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(21)}m_{220}^{(20)} + m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(21)}m_{121}^{(00)}\\
&+m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(22)}m_{220}^{(10)} - m_{000}^{(22)}m_{001}^{(11)}m_{200}^{(22)}m_{130}^{(00)} + 2m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(00)}m_{121}^{(20)}\\
&-2m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(00)}m_{112}^{(10)} - 2m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(10)}m_{211}^{(20)} + 2m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(10)}m_{112}^{(00)}\\
&-2m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(20)}m_{220}^{(20)} + 4m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(20)}m_{211}^{(10)} - 2m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(20)}m_{121}^{(00)}\\
&+2m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(21)}m_{310}^{(20)} - 2m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(21)}m_{211}^{(00)} - 2m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(22)}m_{310}^{(10)}\\
&+2m_{000}^{(22)}m_{001}^{(11)}m_{110}^{(22)}m_{220}^{(00)} - m_{000}^{(22)}m_{001}^{(11)}m_{020}^{(00)}m_{211}^{(20)} + m_{000}^{(22)}m_{001}^{(11)}m_{020}^{(00)}m_{202}^{(10)}\\
&+m_{000}^{(22)}m_{001}^{(11)}m_{020}^{(10)}m_{301}^{(20)} - m_{000}^{(22)}m_{001}^{(11)}m_{020}^{(10)}m_{202}^{(00)} + m_{000}^{(22)}m_{001}^{(11)}m_{020}^{(20)}m_{310}^{(20)}\\
&-2m_{000}^{(22)}m_{001}^{(11)}m_{020}^{(20)}m_{301}^{(10)} + m_{000}^{(22)}m_{001}^{(11)}m_{020}^{(20)}m_{211}^{(00)} - m_{000}^{(22)}m_{001}^{(11)}m_{020}^{(21)}m_{400}^{(20)}\\
&+m_{000}^{(22)}m_{001}^{(11)}m_{020}^{(21)}m_{301}^{(00)} + m_{000}^{(22)}m_{001}^{(11)}m_{020}^{(22)}m_{400}^{(10)} - m_{000}^{(22)}m_{001}^{(11)}m_{020}^{(22)}m_{310}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(00)}m_{040}^{(21)} + m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(00)}m_{031}^{(11)} + 2m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(10)}m_{130}^{(21)}\\
&-m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(10)}m_{121}^{(11)} - m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(10)}m_{031}^{(10)} - m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{220}^{(21)}\\
&+m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(11)}m_{121}^{(10)} - m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(20)}m_{130}^{(11)} + m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(20)}m_{040}^{(10)}\\
&+m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(21)}m_{220}^{(11)} - m_{000}^{(22)}m_{001}^{(20)}m_{200}^{(21)}m_{130}^{(10)} + 2m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(00)}m_{130}^{(21)}\\
&-2m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(00)}m_{121}^{(11)} - 4m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{220}^{(21)} + 2m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{211}^{(11)}\\
&+2m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(10)}m_{121}^{(10)} + 2m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{310}^{(21)} - 2m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(11)}m_{211}^{(10)}\\
&+2m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(20)}m_{220}^{(11)} - 2m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(20)}m_{130}^{(10)} - 2m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(21)}m_{310}^{(11)}\\
&+2m_{000}^{(22)}m_{001}^{(20)}m_{110}^{(21)}m_{220}^{(10)} - m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{220}^{(21)} + m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(00)}m_{211}^{(11)}
\end{aligned}
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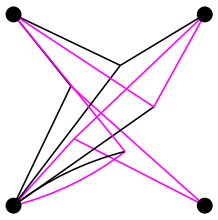
\begin{aligned}
&+2m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{310}^{(21)} - m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{301}^{(11)} - m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(10)}m_{211}^{(10)}\\
&-m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(11)}m_{400}^{(21)} + m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(11)}m_{301}^{(10)} - m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(20)}m_{310}^{(11)}\\
&+m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(20)}m_{220}^{(10)} + m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(21)}m_{400}^{(11)} - m_{000}^{(22)}m_{001}^{(20)}m_{020}^{(21)}m_{310}^{(10)}\\
&+m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(00)}m_{040}^{(20)} - m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(00)}m_{031}^{(10)} - 2m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{130}^{(20)}\\
&+m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{121}^{(10)} + m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(10)}m_{031}^{(00)} + m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{220}^{(20)}\\
&-m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(11)}m_{121}^{(00)} + m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(20)}m_{130}^{(10)} - m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(20)}m_{040}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(21)}m_{220}^{(10)} + m_{000}^{(22)}m_{001}^{(21)}m_{200}^{(21)}m_{130}^{(00)} - 2m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{130}^{(20)}\\
&+2m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(00)}m_{121}^{(10)} + 4m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{220}^{(20)} - 2m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{211}^{(10)}\\
&-2m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(10)}m_{121}^{(00)} - 2m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(11)}m_{310}^{(20)} + 2m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(11)}m_{211}^{(00)}\\
&-2m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(20)}m_{220}^{(10)} + 2m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(20)}m_{130}^{(00)} + 2m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(21)}m_{310}^{(10)}\\
&-2m_{000}^{(22)}m_{001}^{(21)}m_{110}^{(21)}m_{220}^{(00)} + m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{220}^{(20)} - m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(00)}m_{211}^{(10)}\\
&-2m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(10)}m_{310}^{(20)} + m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(10)}m_{301}^{(10)} + m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(10)}m_{211}^{(00)}\\
&+m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(11)}m_{400}^{(20)} - m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(11)}m_{301}^{(00)} + m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(20)}m_{310}^{(10)}\\
&-m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(20)}m_{220}^{(00)} - m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(21)}m_{400}^{(10)} + m_{000}^{(22)}m_{001}^{(21)}m_{020}^{(21)}m_{310}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{ccccc}
V1 & 1 & 1 & 1 & V1\\
1 & V2 & 2 & 2 & V3\\
V2 & V3 & 3 & V4 & V4
\end{array}
$$



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\begin{aligned}
T_{168} \;=\;& m_{000}^{(00)}m_{010}^{(00)}m_{110}^{(11)}m_{013}^{(22)} - m_{000}^{(00)}m_{010}^{(00)}m_{110}^{(11)}m_{004}^{(21)} - 2m_{000}^{(00)}m_{010}^{(00)}m_{110}^{(21)}m_{022}^{(22)}\\
&+2m_{000}^{(00)}m_{010}^{(00)}m_{110}^{(21)}m_{013}^{(21)} + m_{000}^{(00)}m_{010}^{(00)}m_{110}^{(22)}m_{031}^{(22)} - m_{000}^{(00)}m_{010}^{(00)}m_{110}^{(22)}m_{022}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(00)}m_{101}^{(11)}m_{022}^{(22)} + m_{000}^{(00)}m_{010}^{(00)}m_{101}^{(11)}m_{013}^{(21)} + 2m_{000}^{(00)}m_{010}^{(00)}m_{101}^{(21)}m_{031}^{(22)}\\
&-2m_{000}^{(00)}m_{010}^{(00)}m_{101}^{(21)}m_{022}^{(21)} - m_{000}^{(00)}m_{010}^{(00)}m_{101}^{(22)}m_{040}^{(22)} + m_{000}^{(00)}m_{010}^{(00)}m_{101}^{(22)}m_{031}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(00)}m_{020}^{(10)}m_{013}^{(22)} + m_{000}^{(00)}m_{010}^{(00)}m_{020}^{(10)}m_{004}^{(21)} + m_{000}^{(00)}m_{010}^{(00)}m_{020}^{(20)}m_{022}^{(22)}\\
&-m_{000}^{(00)}m_{010}^{(00)}m_{020}^{(20)}m_{013}^{(21)} + m_{000}^{(00)}m_{010}^{(00)}m_{020}^{(21)}m_{112}^{(22)} - m_{000}^{(00)}m_{010}^{(00)}m_{020}^{(21)}m_{103}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(00)}m_{020}^{(22)}m_{121}^{(22)} + m_{000}^{(00)}m_{010}^{(00)}m_{020}^{(22)}m_{112}^{(21)} + 2m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(10)}m_{022}^{(22)}\\
&-2m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(10)}m_{013}^{(21)} - m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(11)}m_{112}^{(22)} + m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(11)}m_{103}^{(21)}\\
&-2m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(20)}m_{031}^{(22)} + 2m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(20)}m_{022}^{(21)} + m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(22)}m_{130}^{(22)}
\end{aligned}
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\begin{aligned}
&-m^{(00)}_{000}m^{(00)}_{010}m^{(22)}_{011}m^{(21)}_{121} - m^{(00)}_{000}m^{(00)}_{010}m^{(10)}_{002}m^{(22)}_{031} + m^{(00)}_{000}m^{(00)}_{010}m^{(10)}_{002}m^{(21)}_{022}\\
&+m^{(00)}_{000}m^{(00)}_{010}m^{(11)}_{002}m^{(22)}_{121} - m^{(00)}_{000}m^{(00)}_{010}m^{(11)}_{002}m^{(21)}_{112} + m^{(00)}_{000}m^{(00)}_{010}m^{(20)}_{002}m^{(22)}_{040}\\
&-m^{(00)}_{000}m^{(00)}_{010}m^{(20)}_{002}m^{(21)}_{031} - m^{(00)}_{000}m^{(00)}_{010}m^{(21)}_{002}m^{(22)}_{130} + m^{(00)}_{000}m^{(00)}_{010}m^{(21)}_{002}m^{(21)}_{121}\\
&-m^{(00)}_{000}m^{(10)}_{010}m^{(11)}_{200}m^{(22)}_{013} + m^{(00)}_{000}m^{(10)}_{010}m^{(11)}_{200}m^{(21)}_{004} + 2m^{(00)}_{000}m^{(10)}_{010}m^{(21)}_{200}m^{(22)}_{022}\\
&-2m^{(00)}_{000}m^{(10)}_{010}m^{(21)}_{200}m^{(21)}_{013} - m^{(00)}_{000}m^{(10)}_{010}m^{(22)}_{200}m^{(22)}_{031} + m^{(00)}_{000}m^{(10)}_{010}m^{(22)}_{200}m^{(21)}_{022}\\
&+m^{(00)}_{000}m^{(10)}_{010}m^{(10)}_{110}m^{(22)}_{013} - m^{(00)}_{000}m^{(10)}_{010}m^{(10)}_{110}m^{(21)}_{004} - m^{(00)}_{000}m^{(10)}_{010}m^{(11)}_{110}m^{(22)}_{103}\\
&+m^{(00)}_{000}m^{(10)}_{010}m^{(11)}_{110}m^{(20)}_{004} - m^{(00)}_{000}m^{(10)}_{010}m^{(20)}_{110}m^{(22)}_{022} + m^{(00)}_{000}m^{(10)}_{010}m^{(20)}_{110}m^{(21)}_{013}\\
&+m^{(00)}_{000}m^{(10)}_{010}m^{(21)}_{110}m^{(22)}_{112} + m^{(00)}_{000}m^{(10)}_{010}m^{(21)}_{110}m^{(21)}_{103} - 2m^{(00)}_{000}m^{(10)}_{010}m^{(21)}_{110}m^{(20)}_{013}\\
&-m^{(00)}_{000}m^{(10)}_{010}m^{(22)}_{110}m^{(21)}_{112} + m^{(00)}_{000}m^{(10)}_{010}m^{(22)}_{110}m^{(20)}_{022} - m^{(00)}_{000}m^{(10)}_{010}m^{(10)}_{101}m^{(22)}_{022}\\
&+m^{(00)}_{000}m^{(10)}_{010}m^{(10)}_{101}m^{(21)}_{013} + 3m^{(00)}_{000}m^{(10)}_{010}m^{(11)}_{101}m^{(22)}_{112} - 2m^{(00)}_{000}m^{(10)}_{010}m^{(11)}_{101}m^{(21)}_{103}\\
&-m^{(00)}_{000}m^{(10)}_{010}m^{(11)}_{101}m^{(20)}_{013} + m^{(00)}_{000}m^{(10)}_{010}m^{(20)}_{101}m^{(22)}_{031} - m^{(00)}_{000}m^{(10)}_{010}m^{(20)}_{101}m^{(21)}_{022}\\
&-5m^{(00)}_{000}m^{(10)}_{010}m^{(21)}_{101}m^{(22)}_{121} + 3m^{(00)}_{000}m^{(10)}_{010}m^{(21)}_{101}m^{(21)}_{112} + 2m^{(00)}_{000}m^{(10)}_{010}m^{(21)}_{101}m^{(20)}_{022}\\
&+2m^{(00)}_{000}m^{(10)}_{010}m^{(22)}_{101}m^{(22)}_{130} - m^{(00)}_{000}m^{(10)}_{010}m^{(22)}_{101}m^{(21)}_{121} - m^{(00)}_{000}m^{(10)}_{010}m^{(22)}_{101}m^{(20)}_{031}\\
&+m^{(00)}_{000}m^{(10)}_{010}m^{(10)}_{020}m^{(22)}_{103} - m^{(00)}_{000}m^{(10)}_{010}m^{(10)}_{020}m^{(20)}_{004} - m^{(00)}_{000}m^{(10)}_{010}m^{(20)}_{020}m^{(22)}_{112}\\
&+m^{(00)}_{000}m^{(10)}_{010}m^{(20)}_{020}m^{(20)}_{013} - m^{(00)}_{000}m^{(10)}_{010}m^{(21)}_{020}m^{(22)}_{202} + m^{(00)}_{000}m^{(10)}_{010}m^{(21)}_{020}m^{(20)}_{103}\\
&+m^{(00)}_{000}m^{(10)}_{010}m^{(22)}_{020}m^{(22)}_{211} - m^{(00)}_{000}m^{(10)}_{010}m^{(22)}_{020}m^{(20)}_{112} - 3m^{(00)}_{000}m^{(10)}_{010}m^{(10)}_{011}m^{(22)}_{112}\\
&+m^{(00)}_{000}m^{(10)}_{010}m^{(10)}_{011}m^{(21)}_{103} + 2m^{(00)}_{000}m^{(10)}_{010}m^{(10)}_{011}m^{(20)}_{013} + m^{(00)}_{000}m^{(10)}_{010}m^{(11)}_{011}m^{(22)}_{202}\\
&-m^{(00)}_{000}m^{(10)}_{010}m^{(11)}_{011}m^{(20)}_{103} + 3m^{(00)}_{000}m^{(10)}_{010}m^{(20)}_{011}m^{(22)}_{121} - m^{(00)}_{000}m^{(10)}_{010}m^{(20)}_{011}m^{(21)}_{112}\\
&-2m^{(00)}_{000}m^{(10)}_{010}m^{(20)}_{011}m^{(20)}_{022} + m^{(00)}_{000}m^{(10)}_{010}m^{(21)}_{011}m^{(22)}_{211} - m^{(00)}_{000}m^{(10)}_{010}m^{(21)}_{011}m^{(21)}_{202}\\
&-2m^{(00)}_{000}m^{(10)}_{010}m^{(22)}_{011}m^{(22)}_{220} + m^{(00)}_{000}m^{(10)}_{010}m^{(22)}_{011}m^{(21)}_{211} + m^{(00)}_{000}m^{(10)}_{010}m^{(22)}_{011}m^{(20)}_{121}\\
&+2m^{(00)}_{000}m^{(10)}_{010}m^{(10)}_{002}m^{(22)}_{121} - m^{(00)}_{000}m^{(10)}_{010}m^{(10)}_{002}m^{(21)}_{112} - m^{(00)}_{000}m^{(10)}_{010}m^{(10)}_{002}m^{(20)}_{022}\\
&-2m^{(00)}_{000}m^{(10)}_{010}m^{(11)}_{002}m^{(22)}_{211} + m^{(00)}_{000}m^{(10)}_{010}m^{(11)}_{002}m^{(21)}_{202} + m^{(00)}_{000}m^{(10)}_{010}m^{(11)}_{002}m^{(20)}_{112}\\
&-2m^{(00)}_{000}m^{(10)}_{010}m^{(20)}_{002}m^{(22)}_{130} + m^{(00)}_{000}m^{(10)}_{010}m^{(20)}_{002}m^{(21)}_{121} + m^{(00)}_{000}m^{(10)}_{010}m^{(20)}_{002}m^{(20)}_{031}\\
&+2m^{(00)}_{000}m^{(10)}_{010}m^{(21)}_{002}m^{(22)}_{220} - m^{(00)}_{000}m^{(10)}_{010}m^{(21)}_{002}m^{(21)}_{211} - m^{(00)}_{000}m^{(10)}_{010}m^{(21)}_{002}m^{(20)}_{121}\\
&+m^{(00)}_{000}m^{(11)}_{010}m^{(11)}_{200}m^{(22)}_{103} - m^{(00)}_{000}m^{(11)}_{010}m^{(11)}_{200}m^{(20)}_{004} - 2m^{(00)}_{000}m^{(11)}_{010}m^{(21)}_{200}m^{(22)}_{112}\\
&+2m^{(00)}_{000}m^{(11)}_{010}m^{(21)}_{200}m^{(20)}_{013} + m^{(00)}_{000}m^{(11)}_{010}m^{(22)}_{200}m^{(22)}_{121} - m^{(00)}_{000}m^{(11)}_{010}m^{(22)}_{200}m^{(20)}_{022}\\
&-m^{(00)}_{000}m^{(11)}_{010}m^{(10)}_{110}m^{(22)}_{103} + m^{(00)}_{000}m^{(11)}_{010}m^{(10)}_{110}m^{(20)}_{004} + m^{(00)}_{000}m^{(11)}_{010}m^{(20)}_{110}m^{(22)}_{112}\\
&-m^{(00)}_{000}m^{(11)}_{010}m^{(20)}_{110}m^{(20)}_{013} + m^{(00)}_{000}m^{(11)}_{010}m^{(21)}_{110}m^{(22)}_{202} - m^{(00)}_{000}m^{(11)}_{010}m^{(21)}_{110}m^{(20)}_{103}\\
&-m^{(00)}_{000}m^{(11)}_{010}m^{(22)}_{110}m^{(22)}_{211} + m^{(00)}_{000}m^{(11)}_{010}m^{(22)}_{110}m^{(20)}_{112} + m^{(00)}_{000}m^{(11)}_{010}m^{(10)}_{101}m^{(22)}_{112}\\
&-m^{(00)}_{000}m^{(11)}_{010}m^{(10)}_{101}m^{(20)}_{013} - 2m^{(00)}_{000}m^{(11)}_{010}m^{(11)}_{101}m^{(22)}_{202} + 2m^{(00)}_{000}m^{(11)}_{010}m^{(11)}_{101}m^{(20)}_{103}\\
&-m^{(00)}_{000}m^{(11)}_{010}m^{(20)}_{101}m^{(22)}_{121} + m^{(00)}_{000}m^{(11)}_{010}m^{(20)}_{101}m^{(20)}_{022} + 3m^{(00)}_{000}m^{(11)}_{010}m^{(21)}_{101}m^{(22)}_{211}\\
&-3m^{(00)}_{000}m^{(11)}_{010}m^{(21)}_{101}m^{(20)}_{112} - m^{(00)}_{000}m^{(11)}_{010}m^{(22)}_{101}m^{(22)}_{220} + m^{(00)}_{000}m^{(11)}_{010}m^{(22)}_{101}m^{(20)}_{121}\\
&+m^{(00)}_{000}m^{(11)}_{010}m^{(10)}_{011}m^{(22)}_{202} - m^{(00)}_{000}m^{(11)}_{010}m^{(10)}_{011}m^{(20)}_{103} - m^{(00)}_{000}m^{(11)}_{010}m^{(20)}_{011}m^{(22)}_{211}\\
&+m^{(00)}_{000}m^{(11)}_{010}m^{(20)}_{011}m^{(20)}_{112} - m^{(00)}_{000}m^{(11)}_{010}m^{(21)}_{011}m^{(22)}_{301} + m^{(00)}_{000}m^{(11)}_{010}m^{(21)}_{011}m^{(20)}_{202}\\
&+m^{(00)}_{000}m^{(11)}_{010}m^{(22)}_{011}m^{(22)}_{310} - m^{(00)}_{000}m^{(11)}_{010}m^{(22)}_{011}m^{(20)}_{211} - m^{(00)}_{000}m^{(11)}_{010}m^{(10)}_{002}m^{(22)}_{211}\\
&+m^{(00)}_{000}m^{(11)}_{010}m^{(10)}_{002}m^{(20)}_{112} + m^{(00)}_{000}m^{(11)}_{010}m^{(11)}_{002}m^{(22)}_{301} - m^{(00)}_{000}m^{(11)}_{010}m^{(11)}_{002}m^{(20)}_{202}\\
&+m^{(00)}_{000}m^{(11)}_{010}m^{(20)}_{002}m^{(22)}_{220} - m^{(00)}_{000}m^{(11)}_{010}m^{(20)}_{002}m^{(20)}_{121} - m^{(00)}_{000}m^{(11)}_{010}m^{(21)}_{002}m^{(22)}_{310}\\
&+m^{(00)}_{000}m^{(11)}_{010}m^{(21)}_{002}m^{(20)}_{211} + m^{(00)}_{000}m^{(20)}_{010}m^{(11)}_{200}m^{(22)}_{022} - m^{(00)}_{000}m^{(20)}_{010}m^{(11)}_{200}m^{(21)}_{013}
\end{aligned}
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\begin{aligned}
&-2m_{000}^{(00)}m_{010}^{(20)}m_{200}^{(21)}m_{031}^{(22)}+2m_{000}^{(00)}m_{010}^{(20)}m_{200}^{(21)}m_{022}^{(21)}+m_{000}^{(00)}m_{010}^{(20)}m_{200}^{(22)}m_{040}^{(22)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{200}^{(22)}m_{031}^{(21)}-m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(10)}m_{022}^{(22)}+m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(10)}m_{013}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(11)}m_{112}^{(22)}+2m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(11)}m_{103}^{(21)}-m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(11)}m_{013}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(20)}m_{031}^{(22)}-m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(20)}m_{022}^{(21)}+3m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{121}^{(22)}\\
&-5m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{112}^{(21)}+2m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{022}^{(20)}-2m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(22)}m_{130}^{(22)}\\
&+3m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(22)}m_{121}^{(21)}-m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(22)}m_{031}^{(20)}+m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(10)}m_{031}^{(22)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(10)}m_{022}^{(21)}-m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(11)}m_{121}^{(22)}+m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(11)}m_{022}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(20)}m_{040}^{(22)}+m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(20)}m_{031}^{(21)}+m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(21)}m_{130}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(21)}m_{121}^{(21)}-2m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(21)}m_{031}^{(20)}-m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(22)}m_{130}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(22)}m_{040}^{(20)}+m_{000}^{(00)}m_{010}^{(20)}m_{020}^{(10)}m_{112}^{(22)}-2m_{000}^{(00)}m_{010}^{(20)}m_{020}^{(10)}m_{103}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{020}^{(10)}m_{013}^{(20)}-m_{000}^{(00)}m_{010}^{(20)}m_{020}^{(20)}m_{121}^{(22)}+2m_{000}^{(00)}m_{010}^{(20)}m_{020}^{(20)}m_{112}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{020}^{(20)}m_{022}^{(20)}-m_{000}^{(00)}m_{010}^{(20)}m_{020}^{(21)}m_{211}^{(22)}+2m_{000}^{(00)}m_{010}^{(20)}m_{020}^{(21)}m_{202}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{020}^{(21)}m_{112}^{(20)}+m_{000}^{(00)}m_{010}^{(20)}m_{020}^{(22)}m_{220}^{(22)}-2m_{000}^{(00)}m_{010}^{(20)}m_{020}^{(22)}m_{211}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{020}^{(22)}m_{121}^{(20)}-m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(10)}m_{121}^{(22)}+3m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(10)}m_{112}^{(21)}\\
&-2m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(10)}m_{022}^{(20)}+m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(11)}m_{211}^{(22)}-2m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(11)}m_{202}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(11)}m_{112}^{(20)}+m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(20)}m_{130}^{(22)}-3m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(20)}m_{121}^{(21)}\\
&+2m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(20)}m_{031}^{(20)}-m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{220}^{(22)}+m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{211}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(22)}m_{220}^{(21)}-m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(22)}m_{130}^{(20)}-m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(10)}m_{121}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(10)}m_{031}^{(20)}+m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(11)}m_{211}^{(21)}-m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(11)}m_{121}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(20)}m_{130}^{(21)}-m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(20)}m_{040}^{(20)}-m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{220}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{130}^{(20)}-m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(11)}m_{112}^{(22)}-m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(11)}m_{103}^{(21)}\\
&+2m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(11)}m_{013}^{(20)}+2m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(21)}m_{121}^{(22)}+2m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(21)}m_{112}^{(21)}\\
&-4m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(21)}m_{022}^{(20)}-m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(22)}m_{130}^{(22)}-m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(22)}m_{121}^{(21)}\\
&+2m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(22)}m_{031}^{(20)}+m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(10)}m_{112}^{(22)}+m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(10)}m_{103}^{(21)}\\
&-2m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(10)}m_{013}^{(20)}+m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(11)}m_{202}^{(22)}-m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(11)}m_{103}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(20)}m_{121}^{(22)}-m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(20)}m_{112}^{(21)}+2m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(20)}m_{022}^{(20)}\\
&-3m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(21)}m_{211}^{(22)}-m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(21)}m_{202}^{(21)}+4m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(21)}m_{112}^{(20)}\\
&+2m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(22)}m_{220}^{(22)}+m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(22)}m_{211}^{(21)}-3m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(22)}m_{121}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(10)}m_{121}^{(22)}-m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(10)}m_{112}^{(21)}+2m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(10)}m_{022}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(11)}m_{211}^{(22)}+2m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(11)}m_{202}^{(21)}-3m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(11)}m_{112}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(20)}m_{130}^{(22)}+m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(20)}m_{121}^{(21)}-2m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(20)}m_{031}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{220}^{(22)}-3m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{211}^{(21)}+4m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{121}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(22)}m_{220}^{(21)}-m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(22)}m_{130}^{(20)}-m_{000}^{(00)}m_{010}^{(21)}m_{010}^{(10)}m_{020}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{010}^{(10)}m_{020}^{(20)}+m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(20)}m_{211}^{(22)}-m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(20)}m_{112}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(21)}m_{301}^{(22)}-m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(21)}m_{202}^{(20)}-m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(22)}m_{310}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(22)}m_{211}^{(20)}+m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(10)}m_{211}^{(22)}-m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(10)}m_{202}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(11)}m_{301}^{(22)}+m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(11)}m_{202}^{(20)}-m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{220}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{211}^{(21)}+m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{310}^{(22)}+m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{301}^{(21)}
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\begin{aligned}
&-2m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{211}^{(20)} - m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{310}^{(21)} + m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{220}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(10)}m_{211}^{(21)} - m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(10)}m_{121}^{(20)} - m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(11)}m_{301}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(11)}m_{211}^{(20)} - m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(20)}m_{220}^{(21)} + m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(20)}m_{130}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(21)}m_{310}^{(21)} - m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(21)}m_{220}^{(20)} + m_{000}^{(00)}m_{010}^{(22)}m_{200}^{(11)}m_{112}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{200}^{(11)}m_{022}^{(20)} - 2m_{000}^{(00)}m_{010}^{(22)}m_{200}^{(21)}m_{121}^{(21)} + 2m_{000}^{(00)}m_{010}^{(22)}m_{200}^{(21)}m_{031}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{200}^{(22)}m_{130}^{(21)} - m_{000}^{(00)}m_{010}^{(22)}m_{200}^{(22)}m_{040}^{(20)} - m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(10)}m_{112}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(10)}m_{022}^{(20)} - m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(11)}m_{202}^{(21)} + m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(11)}m_{112}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(20)}m_{121}^{(21)} - m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(20)}m_{031}^{(20)} + 3m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{211}^{(21)}\\
&-3m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{121}^{(20)} - 2m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(22)}m_{220}^{(21)} + 2m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(22)}m_{130}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(10)}m_{121}^{(21)} - m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(10)}m_{031}^{(20)} - m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(11)}m_{211}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(11)}m_{121}^{(20)} - m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(20)}m_{130}^{(21)} + m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(20)}m_{040}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(21)}m_{220}^{(21)} - m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(21)}m_{130}^{(20)} + m_{000}^{(00)}m_{010}^{(22)}m_{020}^{(10)}m_{202}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{020}^{(10)}m_{112}^{(20)} - m_{000}^{(00)}m_{010}^{(22)}m_{020}^{(20)}m_{211}^{(21)} + m_{000}^{(00)}m_{010}^{(22)}m_{020}^{(20)}m_{121}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{020}^{(21)}m_{301}^{(21)} + m_{000}^{(00)}m_{010}^{(22)}m_{020}^{(21)}m_{211}^{(20)} + m_{000}^{(00)}m_{010}^{(22)}m_{020}^{(22)}m_{310}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{020}^{(22)}m_{220}^{(20)} - m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(10)}m_{211}^{(21)} + m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(10)}m_{121}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(11)}m_{301}^{(21)} - m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(11)}m_{211}^{(20)} + m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(20)}m_{220}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(20)}m_{130}^{(20)} - m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{310}^{(21)} + m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{220}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(00)}m_{110}^{(11)}m_{013}^{(21)} + m_{000}^{(00)}m_{001}^{(00)}m_{110}^{(11)}m_{004}^{(11)} + 2m_{000}^{(00)}m_{001}^{(00)}m_{110}^{(21)}m_{022}^{(21)}\\
&-2m_{000}^{(00)}m_{001}^{(00)}m_{110}^{(21)}m_{013}^{(11)} - m_{000}^{(00)}m_{001}^{(00)}m_{110}^{(22)}m_{031}^{(21)} + m_{000}^{(00)}m_{001}^{(00)}m_{110}^{(22)}m_{022}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(00)}m_{101}^{(11)}m_{022}^{(21)} - m_{000}^{(00)}m_{001}^{(00)}m_{101}^{(11)}m_{013}^{(11)} - 2m_{000}^{(00)}m_{001}^{(00)}m_{101}^{(21)}m_{031}^{(21)}\\
&+2m_{000}^{(00)}m_{001}^{(00)}m_{101}^{(21)}m_{022}^{(11)} + m_{000}^{(00)}m_{001}^{(00)}m_{101}^{(22)}m_{040}^{(21)} - m_{000}^{(00)}m_{001}^{(00)}m_{101}^{(22)}m_{031}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(10)}m_{013}^{(21)} - m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(10)}m_{004}^{(11)} - m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(20)}m_{022}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(20)}m_{013}^{(11)} - m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(21)}m_{112}^{(21)} + m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(21)}m_{103}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(22)}m_{121}^{(21)} - m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(22)}m_{112}^{(11)} - 2m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(10)}m_{022}^{(21)}\\
&+2m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(10)}m_{013}^{(11)} + m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(11)}m_{112}^{(21)} - m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(11)}m_{103}^{(11)}\\
&+2m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(20)}m_{031}^{(21)} - 2m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(20)}m_{022}^{(11)} - m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(22)}m_{130}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(22)}m_{121}^{(11)} + m_{000}^{(00)}m_{001}^{(00)}m_{002}^{(10)}m_{031}^{(21)} - m_{000}^{(00)}m_{001}^{(00)}m_{002}^{(10)}m_{022}^{(11)}\\
&-m_{000}^{(00)}m_{001}^{(00)}m_{002}^{(11)}m_{121}^{(21)} + m_{000}^{(00)}m_{001}^{(00)}m_{002}^{(11)}m_{112}^{(11)} - m_{000}^{(00)}m_{001}^{(00)}m_{002}^{(20)}m_{040}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(00)}m_{002}^{(20)}m_{031}^{(11)} + m_{000}^{(00)}m_{001}^{(00)}m_{002}^{(21)}m_{130}^{(21)} - m_{000}^{(00)}m_{001}^{(00)}m_{002}^{(21)}m_{121}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{200}^{(11)}m_{013}^{(21)} - m_{000}^{(00)}m_{001}^{(10)}m_{200}^{(11)}m_{004}^{(11)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{200}^{(21)}m_{022}^{(21)}\\
&+2m_{000}^{(00)}m_{001}^{(10)}m_{200}^{(21)}m_{013}^{(11)} + m_{000}^{(00)}m_{001}^{(10)}m_{200}^{(22)}m_{031}^{(21)} - m_{000}^{(00)}m_{001}^{(10)}m_{200}^{(22)}m_{022}^{(11)}\\
&-m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(10)}m_{013}^{(21)} + m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(10)}m_{004}^{(11)} + m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(11)}m_{103}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(11)}m_{004}^{(10)} + m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(20)}m_{022}^{(21)} - m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(20)}m_{013}^{(11)}\\
&-m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{112}^{(21)} - m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{103}^{(11)} + 2m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{013}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{112}^{(11)} - m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{022}^{(10)} + m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(10)}m_{022}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(10)}m_{013}^{(11)} - 3m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(11)}m_{112}^{(21)} + 2m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(11)}m_{103}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(11)}m_{013}^{(10)} - m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(20)}m_{031}^{(21)} + m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(20)}m_{022}^{(11)}\\
&+5m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{121}^{(21)} - 3m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{112}^{(11)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{022}^{(10)}
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&-2m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(22)}m_{130}^{(21)}+m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(22)}m_{121}^{(11)}+m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(22)}m_{031}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(10)}m_{103}^{(21)}+m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(10)}m_{004}^{(10)}+m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{112}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{013}^{(10)}+m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{202}^{(21)}-m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{103}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{211}^{(21)}+m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{112}^{(10)}+3m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{112}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{103}^{(11)}-2m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{013}^{(10)}-m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{202}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{103}^{(10)}-3m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{121}^{(21)}+m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{112}^{(11)}\\
&+2m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{022}^{(10)}-m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{211}^{(21)}+m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{202}^{(11)}\\
&+2m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{220}^{(21)}-m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{211}^{(11)}-m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{121}^{(10)}\\
&-2m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{121}^{(21)}+m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{112}^{(11)}+m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{022}^{(10)}\\
&+2m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{211}^{(21)}-m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{202}^{(11)}-m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{112}^{(10)}\\
&+2m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(20)}m_{130}^{(21)}-m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(20)}m_{121}^{(11)}-m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(20)}m_{031}^{(10)}\\
&-2m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{220}^{(21)}+m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{211}^{(11)}+m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{121}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{200}^{(11)}m_{103}^{(21)}+m_{000}^{(00)}m_{001}^{(11)}m_{200}^{(11)}m_{004}^{(10)}+2m_{000}^{(00)}m_{001}^{(11)}m_{200}^{(21)}m_{112}^{(21)}\\
&-2m_{000}^{(00)}m_{001}^{(11)}m_{200}^{(21)}m_{013}^{(10)}-m_{000}^{(00)}m_{001}^{(11)}m_{200}^{(22)}m_{121}^{(21)}+m_{000}^{(00)}m_{001}^{(11)}m_{200}^{(22)}m_{022}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(10)}m_{103}^{(21)}-m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(10)}m_{004}^{(10)}-m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(20)}m_{112}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(20)}m_{013}^{(10)}-m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(21)}m_{202}^{(21)}+m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(21)}m_{103}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(22)}m_{211}^{(21)}-m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(22)}m_{112}^{(10)}-m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(10)}m_{112}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(10)}m_{013}^{(10)}+2m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(11)}m_{202}^{(21)}-2m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(11)}m_{103}^{(10)}\\
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&+3m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{112}^{(10)}+m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(22)}m_{220}^{(21)}-m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(22)}m_{121}^{(10)}\\
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&-m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(22)}m_{310}^{(21)}+m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(22)}m_{211}^{(10)}+m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(10)}m_{211}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(10)}m_{112}^{(10)}-m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(11)}m_{301}^{(21)}+m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(11)}m_{202}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(20)}m_{220}^{(21)}+m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(20)}m_{121}^{(10)}+m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{310}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{211}^{(10)}-m_{000}^{(00)}m_{001}^{(20)}m_{200}^{(11)}m_{022}^{(21)}+m_{000}^{(00)}m_{001}^{(20)}m_{200}^{(11)}m_{013}^{(11)}\\
&+2m_{000}^{(00)}m_{001}^{(20)}m_{200}^{(21)}m_{031}^{(21)}-2m_{000}^{(00)}m_{001}^{(20)}m_{200}^{(21)}m_{022}^{(11)}-m_{000}^{(00)}m_{001}^{(20)}m_{200}^{(22)}m_{040}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{200}^{(22)}m_{031}^{(11)}+m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(10)}m_{022}^{(21)}-m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(10)}m_{013}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(11)}m_{112}^{(21)}-2m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(11)}m_{103}^{(11)}+m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(11)}m_{013}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(20)}m_{031}^{(21)}+m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(20)}m_{022}^{(11)}-3m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{121}^{(21)}\\
&+5m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{112}^{(11)}-2m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{022}^{(10)}+2m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(22)}m_{130}^{(21)}\\
&-3m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(22)}m_{121}^{(11)}+m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(22)}m_{031}^{(10)}-m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(10)}m_{031}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(10)}m_{022}^{(11)}+m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{121}^{(21)}-m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{022}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(20)}m_{040}^{(21)}-m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(20)}m_{031}^{(11)}-m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{130}^{(21)}\\
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&+m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(20)}m_{022}^{(10)}+m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{211}^{(21)}-2m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{202}^{(11)}
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&+m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{112}^{(10)} - m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(22)}m_{220}^{(21)} + 2m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(22)}m_{211}^{(11)}\\
&-m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(22)}m_{121}^{(10)} + m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{121}^{(21)} - 3m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{112}^{(11)}\\
&+2m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{022}^{(10)} - m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{211}^{(21)} + 2m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{202}^{(11)}\\
&-m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{112}^{(10)} - m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{130}^{(21)} + 3m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{121}^{(11)}\\
&-2m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(20)}m_{031}^{(10)} + m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{220}^{(21)} - m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{211}^{(11)}\\
&-m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(22)}m_{220}^{(11)} + m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(22)}m_{130}^{(10)} + m_{000}^{(00)}m_{001}^{(20)}m_{002}^{(10)}m_{121}^{(11)}\\
&-m_{000}^{(00)}m_{001}^{(20)}m_{002}^{(10)}m_{031}^{(10)} - m_{000}^{(00)}m_{001}^{(20)}m_{002}^{(11)}m_{211}^{(11)} + m_{000}^{(00)}m_{001}^{(20)}m_{002}^{(11)}m_{121}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(20)}m_{002}^{(20)}m_{130}^{(11)} + m_{000}^{(00)}m_{001}^{(20)}m_{002}^{(20)}m_{040}^{(10)} + m_{000}^{(00)}m_{001}^{(20)}m_{002}^{(21)}m_{220}^{(11)}\\
&-m_{000}^{(00)}m_{001}^{(20)}m_{002}^{(21)}m_{130}^{(10)} + m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(11)}m_{112}^{(21)} + m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(11)}m_{103}^{(11)}\\
&-2m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(11)}m_{013}^{(10)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(21)}m_{121}^{(21)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(21)}m_{112}^{(11)}\\
&+4m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(21)}m_{022}^{(10)} + m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(22)}m_{130}^{(21)} + m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(22)}m_{121}^{(11)}\\
&-2m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(22)}m_{031}^{(10)} - m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{112}^{(21)} - m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{103}^{(11)}\\
&+2m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{013}^{(10)} - m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(11)}m_{202}^{(21)} + m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(11)}m_{103}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{121}^{(21)} + m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{112}^{(11)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{022}^{(10)}\\
&+3m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{211}^{(21)} + m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{202}^{(11)} - 4m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{112}^{(10)}\\
&-2m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(22)}m_{220}^{(21)} - m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(22)}m_{211}^{(11)} + 3m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(22)}m_{121}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{121}^{(21)} + m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{112}^{(11)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{022}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{211}^{(21)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{202}^{(11)} + 3m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{112}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(20)}m_{130}^{(21)} - m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(20)}m_{121}^{(11)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(20)}m_{031}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{220}^{(21)} + 3m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{211}^{(11)} - 4m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{121}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(22)}m_{220}^{(11)} + m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(22)}m_{130}^{(10)} + m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{202}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{103}^{(10)} - m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{211}^{(21)} + m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{112}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{301}^{(21)} + m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{202}^{(10)} + m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{310}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{211}^{(10)} - m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{211}^{(21)} + m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{202}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{301}^{(21)} - m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{202}^{(10)} + m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{220}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{211}^{(11)} - m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{310}^{(21)} - m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{301}^{(11)}\\
&+2m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{211}^{(10)} + m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(22)}m_{310}^{(11)} - m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(22)}m_{220}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{002}^{(10)}m_{211}^{(11)} + m_{000}^{(00)}m_{001}^{(21)}m_{002}^{(10)}m_{121}^{(10)} + m_{000}^{(00)}m_{001}^{(21)}m_{002}^{(11)}m_{301}^{(11)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{002}^{(11)}m_{211}^{(10)} + m_{000}^{(00)}m_{001}^{(21)}m_{002}^{(20)}m_{220}^{(11)} - m_{000}^{(00)}m_{001}^{(21)}m_{002}^{(20)}m_{130}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{002}^{(21)}m_{310}^{(11)} + m_{000}^{(00)}m_{001}^{(21)}m_{002}^{(21)}m_{220}^{(10)} - m_{000}^{(00)}m_{001}^{(22)}m_{200}^{(11)}m_{112}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(22)}m_{200}^{(11)}m_{022}^{(10)} + 2m_{000}^{(00)}m_{001}^{(22)}m_{200}^{(21)}m_{121}^{(11)} - 2m_{000}^{(00)}m_{001}^{(22)}m_{200}^{(21)}m_{031}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(22)}m_{200}^{(22)}m_{130}^{(11)} + m_{000}^{(00)}m_{001}^{(22)}m_{200}^{(22)}m_{040}^{(10)} + m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{112}^{(11)}\\
&-m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{022}^{(10)} + m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(11)}m_{202}^{(11)} - m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(11)}m_{112}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(20)}m_{121}^{(11)} + m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(20)}m_{031}^{(10)} - 3m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(21)}m_{211}^{(11)}\\
&+3m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(21)}m_{121}^{(10)} + 2m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(22)}m_{220}^{(11)} - 2m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(22)}m_{130}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(22)}m_{101}^{(10)}m_{121}^{(11)} + m_{000}^{(00)}m_{001}^{(22)}m_{101}^{(10)}m_{031}^{(10)} + m_{000}^{(00)}m_{001}^{(22)}m_{101}^{(11)}m_{211}^{(11)}\\
&-m_{000}^{(00)}m_{001}^{(22)}m_{101}^{(11)}m_{121}^{(10)} + m_{000}^{(00)}m_{001}^{(22)}m_{101}^{(20)}m_{130}^{(11)} - m_{000}^{(00)}m_{001}^{(22)}m_{101}^{(20)}m_{040}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(22)}m_{101}^{(21)}m_{220}^{(11)} + m_{000}^{(00)}m_{001}^{(22)}m_{101}^{(21)}m_{130}^{(10)} - m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(10)}m_{202}^{(11)}
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$$+m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(10)}m_{112}^{(10)}+m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(20)}m_{211}^{(11)}-m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(20)}m_{121}^{(10)}$$
$$+m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(21)}m_{301}^{(11)}-m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(21)}m_{211}^{(10)}-m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(22)}m_{310}^{(11)}$$
$$+m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(22)}m_{220}^{(10)}+m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(10)}m_{211}^{(11)}-m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(10)}m_{121}^{(10)}$$
$$-m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(11)}m_{301}^{(11)}+m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(11)}m_{211}^{(10)}-m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(20)}m_{220}^{(11)}$$
$$+m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(20)}m_{130}^{(10)}+m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(21)}m_{310}^{(11)}-m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(21)}m_{220}^{(10)}$$
$$-m_{000}^{(10)}m_{100}^{(00)}m_{110}^{(11)}m_{013}^{(22)}+m_{000}^{(10)}m_{100}^{(00)}m_{110}^{(11)}m_{004}^{(21)}+2m_{000}^{(10)}m_{100}^{(00)}m_{110}^{(21)}m_{022}^{(22)}$$
$$-2m_{000}^{(10)}m_{100}^{(00)}m_{110}^{(21)}m_{013}^{(21)}-m_{000}^{(10)}m_{100}^{(00)}m_{110}^{(22)}m_{031}^{(22)}+m_{000}^{(10)}m_{100}^{(00)}m_{110}^{(22)}m_{022}^{(21)}$$
$$+m_{000}^{(10)}m_{100}^{(00)}m_{101}^{(11)}m_{022}^{(22)}-m_{000}^{(10)}m_{100}^{(00)}m_{101}^{(11)}m_{013}^{(21)}-2m_{000}^{(10)}m_{100}^{(00)}m_{101}^{(21)}m_{031}^{(22)}$$
$$+2m_{000}^{(10)}m_{100}^{(00)}m_{101}^{(21)}m_{022}^{(21)}+m_{000}^{(10)}m_{100}^{(00)}m_{101}^{(22)}m_{040}^{(22)}-m_{000}^{(10)}m_{100}^{(00)}m_{101}^{(22)}m_{031}^{(21)}$$
$$+m_{000}^{(10)}m_{100}^{(00)}m_{020}^{(10)}m_{013}^{(22)}-m_{000}^{(10)}m_{100}^{(00)}m_{020}^{(10)}m_{004}^{(21)}-m_{000}^{(10)}m_{100}^{(00)}m_{020}^{(20)}m_{022}^{(22)}$$
$$+m_{000}^{(10)}m_{100}^{(00)}m_{020}^{(20)}m_{013}^{(21)}-m_{000}^{(10)}m_{100}^{(00)}m_{020}^{(21)}m_{112}^{(22)}+m_{000}^{(10)}m_{100}^{(00)}m_{020}^{(21)}m_{103}^{(21)}$$
$$+m_{000}^{(10)}m_{100}^{(00)}m_{020}^{(22)}m_{121}^{(22)}-m_{000}^{(10)}m_{100}^{(00)}m_{020}^{(22)}m_{112}^{(21)}-2m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(10)}m_{022}^{(22)}$$
$$+2m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(10)}m_{013}^{(21)}+m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(11)}m_{112}^{(22)}-m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(11)}m_{103}^{(21)}$$
$$+2m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(20)}m_{031}^{(22)}-2m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(20)}m_{022}^{(21)}-m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(22)}m_{130}^{(22)}$$
$$+m_{000}^{(10)}m_{100}^{(00)}m_{011}^{(22)}m_{121}^{(21)}+m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(10)}m_{031}^{(22)}-m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(10)}m_{022}^{(21)}$$
$$-m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(11)}m_{121}^{(22)}+m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(11)}m_{112}^{(21)}-m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(20)}m_{040}^{(22)}$$
$$+m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(20)}m_{031}^{(21)}+m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(21)}m_{130}^{(22)}-m_{000}^{(10)}m_{100}^{(00)}m_{002}^{(21)}m_{121}^{(21)}$$
$$+m_{000}^{(10)}m_{100}^{(10)}m_{200}^{(11)}m_{013}^{(22)}-m_{000}^{(10)}m_{100}^{(10)}m_{200}^{(11)}m_{004}^{(21)}-2m_{000}^{(10)}m_{100}^{(10)}m_{200}^{(21)}m_{022}^{(22)}$$
$$+2m_{000}^{(10)}m_{100}^{(10)}m_{200}^{(21)}m_{013}^{(21)}+m_{000}^{(10)}m_{100}^{(10)}m_{200}^{(22)}m_{031}^{(22)}-m_{000}^{(10)}m_{100}^{(10)}m_{200}^{(22)}m_{022}^{(21)}$$
$$-m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(10)}m_{013}^{(22)}+m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(10)}m_{004}^{(21)}+m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(11)}m_{103}^{(22)}$$
$$-m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(11)}m_{004}^{(20)}+m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(20)}m_{022}^{(22)}-m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(20)}m_{013}^{(21)}$$
$$-m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(21)}m_{112}^{(22)}-m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(21)}m_{103}^{(21)}+2m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(21)}m_{013}^{(20)}$$
$$+m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(22)}m_{112}^{(21)}-m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(22)}m_{022}^{(20)}+m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(10)}m_{022}^{(22)}$$
$$-m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(10)}m_{013}^{(21)}-3m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(11)}m_{112}^{(22)}+2m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(11)}m_{103}^{(21)}$$
$$+m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(11)}m_{013}^{(20)}-m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(20)}m_{031}^{(22)}+m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(20)}m_{022}^{(21)}$$
$$+5m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(21)}m_{121}^{(22)}-3m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(21)}m_{112}^{(21)}-2m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(21)}m_{022}^{(20)}$$
$$-2m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(22)}m_{130}^{(22)}+m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(22)}m_{121}^{(21)}+m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(22)}m_{031}^{(20)}$$
$$-m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(10)}m_{103}^{(22)}+m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(10)}m_{004}^{(20)}+m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(20)}m_{112}^{(22)}$$
$$-m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(20)}m_{013}^{(20)}+m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(21)}m_{202}^{(22)}-m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(21)}m_{103}^{(20)}$$
$$-m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(22)}m_{211}^{(22)}+m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(22)}m_{112}^{(20)}+3m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(10)}m_{112}^{(22)}$$
$$-m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(10)}m_{103}^{(21)}-2m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(10)}m_{013}^{(20)}-m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(11)}m_{202}^{(22)}$$
$$+m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(11)}m_{103}^{(20)}-3m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(20)}m_{121}^{(22)}+m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(20)}m_{112}^{(21)}$$
$$+2m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(20)}m_{022}^{(20)}-m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(21)}m_{211}^{(22)}+m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(21)}m_{202}^{(21)}$$
$$+2m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(22)}m_{220}^{(22)}-m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(22)}m_{211}^{(21)}-m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(22)}m_{121}^{(20)}$$
$$-2m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(10)}m_{121}^{(22)}+m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(10)}m_{112}^{(21)}+m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(10)}m_{022}^{(20)}$$
$$+2m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(11)}m_{211}^{(22)}-m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(11)}m_{202}^{(21)}-m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(11)}m_{112}^{(20)}$$
$$+2m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(20)}m_{130}^{(22)}-m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(20)}m_{121}^{(21)}-m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(20)}m_{031}^{(20)}$$
$$-2m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(21)}m_{220}^{(22)}+m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(21)}m_{211}^{(21)}+m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(21)}m_{121}^{(20)}$$

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\begin{aligned}
&-m_{000}^{(10)}m_{100}^{(11)}m_{200}^{(11)}m_{103}^{(22)} + m_{000}^{(10)}m_{100}^{(11)}m_{200}^{(11)}m_{004}^{(20)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{200}^{(21)}m_{112}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(11)}m_{200}^{(21)}m_{013}^{(20)} - m_{000}^{(10)}m_{100}^{(11)}m_{200}^{(22)}m_{121}^{(22)} + m_{000}^{(10)}m_{100}^{(11)}m_{200}^{(22)}m_{022}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(10)}m_{103}^{(22)} - m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(10)}m_{004}^{(20)} - m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(20)}m_{112}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(20)}m_{013}^{(20)} - m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(21)}m_{202}^{(22)} + m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(21)}m_{103}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(22)}m_{211}^{(22)} - m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(22)}m_{112}^{(20)} - m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(10)}m_{112}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(10)}m_{013}^{(20)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(11)}m_{202}^{(22)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(11)}m_{103}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(20)}m_{121}^{(22)} - m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(20)}m_{022}^{(20)} - 3m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(21)}m_{211}^{(22)}\\
&+3m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(21)}m_{112}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(22)}m_{220}^{(22)} - m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(22)}m_{121}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(10)}m_{202}^{(22)} + m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(10)}m_{103}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(20)}m_{211}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(20)}m_{112}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(21)}m_{301}^{(22)} - m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(21)}m_{202}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(22)}m_{310}^{(22)} + m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(22)}m_{211}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(10)}m_{211}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(10)}m_{112}^{(20)} - m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(11)}m_{301}^{(22)} + m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(11)}m_{202}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(20)}m_{220}^{(22)} + m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(20)}m_{121}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(21)}m_{310}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(21)}m_{211}^{(20)} - m_{000}^{(10)}m_{100}^{(20)}m_{200}^{(11)}m_{022}^{(22)} + m_{000}^{(10)}m_{100}^{(20)}m_{200}^{(11)}m_{013}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{200}^{(21)}m_{031}^{(22)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{200}^{(21)}m_{022}^{(21)} - m_{000}^{(10)}m_{100}^{(20)}m_{200}^{(22)}m_{040}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{200}^{(22)}m_{031}^{(21)} + m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(10)}m_{022}^{(22)} - m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(10)}m_{013}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(11)}m_{112}^{(22)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(11)}m_{103}^{(21)} + m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(11)}m_{013}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(20)}m_{031}^{(22)} + m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(20)}m_{022}^{(21)} - 3m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{121}^{(22)}\\
&+5m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{112}^{(21)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{022}^{(20)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(22)}m_{130}^{(22)}\\
&-3m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(22)}m_{121}^{(21)} + m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(22)}m_{031}^{(20)} - m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(10)}m_{031}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(10)}m_{022}^{(21)} + m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(11)}m_{121}^{(22)} - m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(11)}m_{022}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(20)}m_{040}^{(22)} - m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(20)}m_{031}^{(21)} - m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{130}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{121}^{(21)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{031}^{(20)} + m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(22)}m_{130}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(22)}m_{040}^{(20)} - m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(10)}m_{112}^{(22)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(10)}m_{103}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(10)}m_{013}^{(20)} + m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(20)}m_{121}^{(22)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(20)}m_{112}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(20)}m_{022}^{(20)} + m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(21)}m_{211}^{(22)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(21)}m_{202}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(21)}m_{112}^{(20)} - m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(22)}m_{220}^{(22)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(22)}m_{211}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(22)}m_{121}^{(20)} + m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(10)}m_{121}^{(22)} - 3m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(10)}m_{112}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(10)}m_{022}^{(20)} - m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(11)}m_{211}^{(22)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(11)}m_{202}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(11)}m_{112}^{(20)} - m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(20)}m_{130}^{(22)} + 3m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(20)}m_{121}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(20)}m_{031}^{(20)} + m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{220}^{(22)} - m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{211}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(22)}m_{220}^{(21)} + m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(22)}m_{130}^{(20)} + m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(10)}m_{121}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(10)}m_{031}^{(20)} - m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(11)}m_{211}^{(21)} + m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(11)}m_{121}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(20)}m_{130}^{(21)} + m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(20)}m_{040}^{(20)} + m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(21)}m_{220}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(21)}m_{130}^{(20)} + m_{000}^{(10)}m_{100}^{(21)}m_{200}^{(11)}m_{112}^{(22)} + m_{000}^{(10)}m_{100}^{(21)}m_{200}^{(11)}m_{103}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{200}^{(11)}m_{013}^{(20)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{200}^{(21)}m_{121}^{(22)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{200}^{(21)}m_{112}^{(21)}\\
&+4m_{000}^{(10)}m_{100}^{(21)}m_{200}^{(21)}m_{022}^{(20)} + m_{000}^{(10)}m_{100}^{(21)}m_{200}^{(22)}m_{130}^{(22)} + m_{000}^{(10)}m_{100}^{(21)}m_{200}^{(22)}m_{121}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{200}^{(22)}m_{031}^{(20)} - m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(10)}m_{112}^{(22)} - m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(10)}m_{103}^{(21)}
\end{aligned}
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$$+2m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(10)}m_{013}^{(20)} - m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(11)}m_{202}^{(22)} + m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(11)}m_{103}^{(20)}$$
$$+m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(20)}m_{121}^{(22)} + m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(20)}m_{112}^{(21)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(20)}m_{022}^{(20)}$$
$$+3m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{211}^{(22)} + m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{202}^{(21)} - 4m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{112}^{(20)}$$
$$-2m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(22)}m_{220}^{(22)} - m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(22)}m_{211}^{(21)} + 3m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(22)}m_{121}^{(20)}$$
$$+m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(10)}m_{121}^{(22)} + m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(10)}m_{112}^{(21)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(10)}m_{022}^{(20)}$$
$$-m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(11)}m_{211}^{(22)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(11)}m_{202}^{(21)} + 3m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(11)}m_{112}^{(20)}$$
$$-m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(20)}m_{130}^{(22)} - m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(20)}m_{121}^{(21)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(20)}m_{031}^{(20)}$$
$$+m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{220}^{(22)} + 3m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{211}^{(21)} - 4m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{121}^{(20)}$$
$$-m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(22)}m_{220}^{(21)} + m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(22)}m_{130}^{(20)} + m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(10)}m_{202}^{(22)}$$
$$-m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(10)}m_{103}^{(20)} - m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(20)}m_{211}^{(22)} + m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(20)}m_{112}^{(20)}$$
$$-m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(21)}m_{301}^{(22)} + m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(21)}m_{202}^{(20)} + m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(22)}m_{310}^{(22)}$$
$$-m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(22)}m_{211}^{(20)} - m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{211}^{(22)} + m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{202}^{(21)}$$
$$+m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(11)}m_{301}^{(22)} - m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(11)}m_{202}^{(20)} + m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{220}^{(22)}$$
$$-m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{211}^{(21)} - m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{310}^{(22)} - m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{301}^{(21)}$$
$$+2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{211}^{(20)} + m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(22)}m_{310}^{(21)} - m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(22)}m_{220}^{(20)}$$
$$-m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{211}^{(21)} + m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{121}^{(20)} + m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(11)}m_{301}^{(21)}$$
$$-m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(11)}m_{211}^{(20)} + m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(20)}m_{220}^{(21)} - m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(20)}m_{130}^{(20)}$$
$$-m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(21)}m_{310}^{(21)} + m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(21)}m_{220}^{(20)} - m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(11)}m_{112}^{(21)}$$
$$+m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(11)}m_{022}^{(20)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(21)}m_{121}^{(21)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(21)}m_{031}^{(20)}$$
$$-m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(22)}m_{130}^{(21)} + m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(22)}m_{040}^{(20)} + m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(10)}m_{112}^{(21)}$$
$$-m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(10)}m_{022}^{(20)} + m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(11)}m_{202}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(11)}m_{112}^{(20)}$$
$$-m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(20)}m_{121}^{(21)} + m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(20)}m_{031}^{(20)} - 3m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{211}^{(21)}$$
$$+3m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{121}^{(20)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(22)}m_{220}^{(21)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(22)}m_{130}^{(20)}$$
$$-m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(10)}m_{121}^{(21)} + m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(10)}m_{031}^{(20)} + m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(11)}m_{211}^{(21)}$$
$$-m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(11)}m_{121}^{(20)} + m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(20)}m_{130}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(20)}m_{040}^{(20)}$$
$$-m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(21)}m_{220}^{(21)} + m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(21)}m_{130}^{(20)} - m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(10)}m_{202}^{(21)}$$
$$+m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(10)}m_{112}^{(20)} + m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(20)}m_{211}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(20)}m_{121}^{(20)}$$
$$+m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(21)}m_{301}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(21)}m_{211}^{(20)} - m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(22)}m_{310}^{(21)}$$
$$+m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(22)}m_{220}^{(20)} + m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(10)}m_{211}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(10)}m_{121}^{(20)}$$
$$-m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(11)}m_{301}^{(21)} + m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(11)}m_{211}^{(20)} - m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(20)}m_{220}^{(21)}$$
$$+m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(20)}m_{130}^{(20)} + m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(21)}m_{310}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(21)}m_{220}^{(20)}$$
$$-m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(10)}m_{013}^{(22)} + m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(10)}m_{004}^{(21)} + m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(20)}m_{022}^{(22)}$$
$$-m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(20)}m_{013}^{(21)} + m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(21)}m_{112}^{(22)} - m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(21)}m_{103}^{(21)}$$
$$-m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(22)}m_{121}^{(22)} + m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(22)}m_{112}^{(21)} + m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(10)}m_{022}^{(22)}$$
$$-m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(10)}m_{013}^{(21)} - m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(20)}m_{031}^{(22)} + m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(20)}m_{022}^{(21)}$$
$$-m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(21)}m_{121}^{(22)} + m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(21)}m_{112}^{(21)} + m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(22)}m_{130}^{(22)}$$
$$-m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(22)}m_{121}^{(21)} + m_{000}^{(10)}m_{010}^{(00)}m_{020}^{(00)}m_{013}^{(22)} - m_{000}^{(10)}m_{010}^{(00)}m_{020}^{(00)}m_{004}^{(21)}$$
$$-2m_{000}^{(10)}m_{010}^{(00)}m_{020}^{(20)}m_{112}^{(22)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{020}^{(20)}m_{103}^{(21)} + m_{000}^{(10)}m_{010}^{(00)}m_{020}^{(22)}m_{211}^{(22)}$$

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\begin{aligned}
&-m_{000}^{(10)}m_{010}^{(00)}m_{020}^{(22)}m_{202}^{(21)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(00)}m_{022}^{(22)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(00)}m_{013}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(10)}m_{112}^{(22)} - m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(10)}m_{103}^{(21)} + 3m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(20)}m_{121}^{(22)}\\
&-3m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(20)}m_{112}^{(21)} - m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{211}^{(22)} + m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{202}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(22)}m_{220}^{(22)} + m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(22)}m_{211}^{(21)} + m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(00)}m_{031}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(00)}m_{022}^{(21)} - m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(10)}m_{121}^{(22)} + m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(10)}m_{112}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(20)}m_{130}^{(22)} + m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(20)}m_{121}^{(21)} + m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(21)}m_{220}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(21)}m_{211}^{(21)} + m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(10)}m_{013}^{(22)} - m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(10)}m_{004}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(20)}m_{022}^{(22)} + m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(20)}m_{013}^{(21)} - m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(21)}m_{112}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(21)}m_{103}^{(21)} + m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(22)}m_{121}^{(22)} - m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(22)}m_{112}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(00)}m_{013}^{(22)} + m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(00)}m_{004}^{(21)} + m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(10)}m_{103}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(10)}m_{004}^{(20)} + m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(20)}m_{112}^{(22)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(20)}m_{103}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(20)}m_{013}^{(20)} - m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(21)}m_{202}^{(22)} + m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(21)}m_{103}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(22)}m_{202}^{(21)} - m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(22)}m_{112}^{(20)} + m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(00)}m_{022}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(00)}m_{013}^{(21)} - 3m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(10)}m_{112}^{(22)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(10)}m_{103}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(10)}m_{013}^{(20)} + m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(20)}m_{121}^{(22)} - m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(20)}m_{022}^{(20)}\\
&+3m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(21)}m_{211}^{(22)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(21)}m_{202}^{(21)} - m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(21)}m_{112}^{(20)}\\
&-2m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{220}^{(22)} + m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{211}^{(21)} + m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{121}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(10)}m_{020}^{(00)}m_{103}^{(22)} + m_{000}^{(10)}m_{010}^{(10)}m_{020}^{(00)}m_{004}^{(20)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{020}^{(20)}m_{202}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(10)}m_{020}^{(20)}m_{103}^{(20)} - m_{000}^{(10)}m_{010}^{(10)}m_{020}^{(22)}m_{301}^{(22)} + m_{000}^{(10)}m_{010}^{(10)}m_{020}^{(22)}m_{202}^{(20)}\\
&+3m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(00)}m_{112}^{(22)} - m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(00)}m_{103}^{(21)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(00)}m_{013}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(10)}m_{202}^{(22)} + m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(10)}m_{103}^{(20)} - 5m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(20)}m_{211}^{(22)}\\
&+2m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(20)}m_{202}^{(21)} + 3m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(20)}m_{112}^{(20)} + m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(21)}m_{301}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(21)}m_{202}^{(20)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(22)}m_{310}^{(22)} - m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(22)}m_{301}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(22)}m_{211}^{(20)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(00)}m_{121}^{(22)} + m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(00)}m_{112}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(00)}m_{022}^{(20)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(10)}m_{211}^{(22)} - m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(10)}m_{202}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(10)}m_{112}^{(20)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(20)}m_{220}^{(22)} - m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(20)}m_{211}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(20)}m_{121}^{(20)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(21)}m_{310}^{(22)} + m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(21)}m_{301}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(21)}m_{211}^{(20)} - m_{000}^{(10)}m_{010}^{(11)}m_{200}^{(10)}m_{103}^{(22)} + m_{000}^{(10)}m_{010}^{(11)}m_{200}^{(10)}m_{004}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(11)}m_{200}^{(20)}m_{112}^{(22)} - m_{000}^{(10)}m_{010}^{(11)}m_{200}^{(20)}m_{013}^{(20)} + m_{000}^{(10)}m_{010}^{(11)}m_{200}^{(21)}m_{202}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(11)}m_{200}^{(21)}m_{103}^{(20)} - m_{000}^{(10)}m_{010}^{(11)}m_{200}^{(22)}m_{211}^{(22)} + m_{000}^{(10)}m_{010}^{(11)}m_{200}^{(22)}m_{112}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(11)}m_{110}^{(00)}m_{103}^{(22)} - m_{000}^{(10)}m_{010}^{(11)}m_{110}^{(00)}m_{004}^{(20)} - 2m_{000}^{(10)}m_{010}^{(11)}m_{110}^{(20)}m_{202}^{(22)}\\
&+2m_{000}^{(10)}m_{010}^{(11)}m_{110}^{(20)}m_{103}^{(20)} + m_{000}^{(10)}m_{010}^{(11)}m_{110}^{(22)}m_{301}^{(22)} - m_{000}^{(10)}m_{010}^{(11)}m_{110}^{(22)}m_{202}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(00)}m_{112}^{(22)} + m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(00)}m_{013}^{(20)} + 2m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(10)}m_{202}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(10)}m_{103}^{(20)} - 2m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(21)}m_{301}^{(22)} + 2m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(21)}m_{202}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(22)}m_{310}^{(22)} - m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(22)}m_{211}^{(20)} - m_{000}^{(10)}m_{010}^{(11)}m_{011}^{(00)}m_{202}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(11)}m_{011}^{(00)}m_{103}^{(20)} + 2m_{000}^{(10)}m_{010}^{(11)}m_{011}^{(20)}m_{301}^{(22)} - 2m_{000}^{(10)}m_{010}^{(11)}m_{011}^{(20)}m_{202}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(11)}m_{011}^{(22)}m_{400}^{(22)} + m_{000}^{(10)}m_{010}^{(11)}m_{011}^{(22)}m_{301}^{(20)} + m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(00)}m_{211}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(00)}m_{112}^{(20)} - m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(10)}m_{301}^{(22)} + m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(10)}m_{202}^{(20)}
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\begin{aligned}
&-m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(20)}m_{310}^{(22)} + m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(20)}m_{211}^{(20)} + m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(21)}m_{400}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(21)}m_{301}^{(20)} - m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(10)}m_{022}^{(22)} + m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(10)}m_{013}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(20)}m_{031}^{(22)} - m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(20)}m_{022}^{(21)} + m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{121}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{112}^{(21)} - m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(22)}m_{130}^{(22)} + m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(22)}m_{121}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(00)}m_{022}^{(22)} - m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(00)}m_{013}^{(21)} + m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(10)}m_{112}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(10)}m_{103}^{(21)} + m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(10)}m_{013}^{(20)} - 3m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{121}^{(22)}\\
&+4m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{112}^{(21)} - m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{022}^{(20)} - m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{211}^{(22)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{202}^{(21)} - m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{112}^{(20)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{220}^{(22)}\\
&-3m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{211}^{(21)} + m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{121}^{(20)} - m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(00)}m_{031}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(00)}m_{022}^{(21)} + m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{121}^{(22)} - m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{022}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(20)}m_{130}^{(22)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(20)}m_{121}^{(21)} + m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(20)}m_{031}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{220}^{(22)} + m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{121}^{(20)} + m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{220}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{130}^{(20)} - m_{000}^{(10)}m_{010}^{(20)}m_{020}^{(00)}m_{112}^{(22)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(00)}m_{020}^{(21)}m_{103}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{020}^{(00)}m_{013}^{(20)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{020}^{(20)}m_{211}^{(22)} - 4m_{000}^{(10)}m_{010}^{(20)}m_{020}^{(20)}m_{202}^{(21)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{020}^{(20)}m_{112}^{(20)} - m_{000}^{(10)}m_{010}^{(20)}m_{020}^{(22)}m_{310}^{(22)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{020}^{(22)}m_{301}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{020}^{(22)}m_{211}^{(20)} + m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(00)}m_{121}^{(22)} - 3m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(00)}m_{112}^{(21)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(00)}m_{022}^{(20)} - m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{211}^{(22)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{202}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{112}^{(20)} - m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{220}^{(22)} + 4m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{211}^{(21)}\\
&-3m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{121}^{(20)} + m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{310}^{(22)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{301}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{211}^{(20)} - m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{310}^{(21)} + m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{220}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(00)}m_{121}^{(21)} - m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(00)}m_{031}^{(20)} - m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{211}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{121}^{(20)} - m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{220}^{(21)} + m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{130}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{310}^{(21)} - m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{220}^{(20)} + m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(10)}m_{112}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(10)}m_{103}^{(21)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(10)}m_{013}^{(20)} - m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(20)}m_{121}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(20)}m_{112}^{(21)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(20)}m_{022}^{(20)} - m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{211}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{202}^{(21)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{112}^{(20)} + m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{220}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{211}^{(21)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{121}^{(20)} - m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(00)}m_{112}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(00)}m_{103}^{(21)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(00)}m_{013}^{(20)} - m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(10)}m_{202}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(10)}m_{103}^{(20)} + 3m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{211}^{(22)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{202}^{(21)}\\
&-5m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{112}^{(20)} + m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(21)}m_{301}^{(22)} - m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(21)}m_{202}^{(20)}\\
&-2m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{310}^{(22)} - m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{301}^{(21)} + 3m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{211}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(00)}m_{121}^{(22)} + m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(00)}m_{112}^{(21)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(00)}m_{022}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{211}^{(22)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{202}^{(21)} + 3m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{112}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{220}^{(22)} + m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{121}^{(20)} + m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{310}^{(22)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{301}^{(21)} - 3m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{211}^{(20)} - m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{310}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{220}^{(20)} + m_{000}^{(10)}m_{010}^{(21)}m_{020}^{(00)}m_{202}^{(22)} - m_{000}^{(10)}m_{010}^{(21)}m_{010}^{(00)}m_{020}^{(20)}m_{103}^{(20)}\\
&-2m_{000}^{(10)}m_{010}^{(21)}m_{020}^{(20)}m_{301}^{(22)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{020}^{(20)}m_{202}^{(20)} + m_{000}^{(10)}m_{010}^{(21)}m_{020}^{(22)}m_{400}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{020}^{(22)}m_{301}^{(20)} - m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(00)}m_{211}^{(22)} + m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(00)}m_{202}^{(21)}
\end{aligned}
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$$+m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(10)}m_{301}^{(22)} - m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(10)}m_{202}^{(20)} + m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{310}^{(22)}$$
$$-2m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{301}^{(21)} + m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{211}^{(20)} - m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(21)}m_{400}^{(22)}$$
$$+m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(21)}m_{301}^{(20)} + m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(22)}m_{400}^{(21)} - m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(22)}m_{310}^{(20)}$$
$$-m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(00)}m_{211}^{(21)} + m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(00)}m_{121}^{(20)} + m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{301}^{(21)}$$
$$-m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{211}^{(20)} + m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{310}^{(21)} - m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{220}^{(20)}$$
$$-m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{400}^{(21)} + m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{310}^{(20)} - m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(10)}m_{112}^{(21)}$$
$$+m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(10)}m_{022}^{(20)} + m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(20)}m_{121}^{(21)} - m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(20)}m_{031}^{(20)}$$
$$+m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(21)}m_{211}^{(21)} - m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(21)}m_{121}^{(20)} - m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(22)}m_{220}^{(21)}$$
$$+m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(22)}m_{130}^{(20)} + m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(00)}m_{112}^{(21)} - m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(00)}m_{022}^{(20)}$$
$$+m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{202}^{(21)} - m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{112}^{(20)} - 3m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{211}^{(21)}$$
$$+3m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{121}^{(20)} - m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{301}^{(21)} + m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{211}^{(20)}$$
$$+2m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(22)}m_{310}^{(21)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(22)}m_{220}^{(20)} - m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(00)}m_{121}^{(21)}$$
$$+m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(00)}m_{031}^{(20)} + m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{211}^{(21)} - m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{121}^{(20)}$$
$$+m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{220}^{(21)} - m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{130}^{(20)} - m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{310}^{(21)}$$
$$+m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{220}^{(20)} - m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(00)}m_{202}^{(21)} + m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(00)}m_{112}^{(20)}$$
$$+2m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(20)}m_{301}^{(21)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(20)}m_{211}^{(20)} - m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(22)}m_{400}^{(21)}$$
$$+m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(22)}m_{310}^{(20)} + m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{211}^{(21)} - m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{121}^{(20)}$$
$$-m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{301}^{(21)} + m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{211}^{(20)} - m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{310}^{(21)}$$
$$+m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{220}^{(20)} + m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(21)}m_{400}^{(21)} - m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(21)}m_{310}^{(20)}$$
$$+m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(10)}m_{013}^{(21)} - m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(10)}m_{004}^{(11)} + m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(11)}m_{013}^{(20)}$$
$$-m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(11)}m_{004}^{(10)} - m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(20)}m_{022}^{(21)} + m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(20)}m_{013}^{(11)}$$
$$-m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{112}^{(21)} + m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{103}^{(11)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{022}^{(20)}$$
$$+2m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{013}^{(10)} + m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(22)}m_{121}^{(21)} - m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(22)}m_{112}^{(11)}$$
$$+m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(22)}m_{031}^{(20)} - m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(22)}m_{022}^{(10)} - m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(10)}m_{022}^{(21)}$$
$$+m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(10)}m_{013}^{(11)} - m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(11)}m_{022}^{(20)} + m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(11)}m_{013}^{(10)}$$
$$+m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(20)}m_{031}^{(21)} - m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(20)}m_{022}^{(11)} + m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{121}^{(21)}$$
$$-m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{112}^{(11)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{031}^{(20)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{022}^{(10)}$$
$$-m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(22)}m_{130}^{(21)} + m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(22)}m_{121}^{(11)} - m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(22)}m_{040}^{(20)}$$
$$+m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(22)}m_{031}^{(10)} - m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(00)}m_{013}^{(21)} + m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(00)}m_{004}^{(11)}$$
$$-m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(10)}m_{013}^{(20)} + m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(10)}m_{004}^{(10)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(20)}m_{112}^{(21)}$$
$$-2m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(20)}m_{103}^{(11)} + m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(20)}m_{022}^{(20)} - m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(20)}m_{013}^{(10)}$$
$$+m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(21)}m_{112}^{(20)} - m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(21)}m_{103}^{(10)} - m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(22)}m_{211}^{(21)}$$
$$+m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(22)}m_{202}^{(11)} - m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(22)}m_{121}^{(20)} + m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(22)}m_{112}^{(10)}$$
$$+2m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(00)}m_{022}^{(21)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(00)}m_{013}^{(11)} - m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{112}^{(21)}$$
$$+m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{103}^{(11)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{022}^{(20)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{013}^{(10)}$$
$$-m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(11)}m_{112}^{(20)} + m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(11)}m_{103}^{(10)} - 3m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{121}^{(21)}$$
$$+3m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{112}^{(11)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{031}^{(21)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{022}^{(10)}$$
$$+m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{211}^{(21)} - m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{202}^{(11)} + m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(22)}m_{220}^{(21)}$$

$$
\begin{aligned}
&-m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(22)}m_{211}^{(11)}+m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(22)}m_{130}^{(20)}-m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(22)}m_{121}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(00)}m_{031}^{(21)}+m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(00)}m_{022}^{(11)}+m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{121}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{112}^{(11)}-m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{031}^{(20)}+m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{022}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(11)}m_{121}^{(20)}-m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(11)}m_{112}^{(10)}+m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(20)}m_{130}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(20)}m_{121}^{(11)}+m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(20)}m_{040}^{(20)}-m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(20)}m_{031}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{220}^{(21)}+m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{211}^{(11)}-m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{130}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{121}^{(10)}-m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(10)}m_{013}^{(21)}+m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(10)}m_{004}^{(11)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(11)}m_{013}^{(20)}+m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(11)}m_{004}^{(10)}+m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(20)}m_{022}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(20)}m_{013}^{(11)}+m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{112}^{(21)}-m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{103}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{022}^{(20)}-2m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{013}^{(10)}-m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(22)}m_{121}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(22)}m_{112}^{(11)}-m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(22)}m_{031}^{(20)}+m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(22)}m_{022}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(00)}m_{013}^{(21)}-m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(00)}m_{004}^{(11)}-m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(10)}m_{103}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(10)}m_{013}^{(20)}-m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(11)}m_{103}^{(20)}+m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(11)}m_{004}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{112}^{(21)}+2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{103}^{(11)}-m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{022}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{202}^{(21)}+m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{112}^{(20)}-2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{013}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{202}^{(11)}+m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{022}^{(00)}-m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(00)}m_{022}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(00)}m_{013}^{(11)}+3m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{112}^{(21)}-2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{103}^{(11)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{022}^{(20)}+3m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{112}^{(20)}-2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{103}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{013}^{(00)}-m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{121}^{(21)}+m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{031}^{(20)}\\
&-3m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{211}^{(21)}+2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{202}^{(11)}-5m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{121}^{(20)}\\
&+4m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{112}^{(10)}+2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{022}^{(00)}+2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{220}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{211}^{(11)}+2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{130}^{(20)}-2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{121}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{031}^{(00)}+m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(00)}m_{103}^{(21)}-m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(00)}m_{004}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(10)}m_{103}^{(20)}-m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(10)}m_{004}^{(00)}-2m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{202}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{112}^{(20)}+2m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{103}^{(10)}+m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{013}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(21)}m_{202}^{(20)}+m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(21)}m_{103}^{(00)}+m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(22)}m_{301}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(22)}m_{211}^{(20)}-m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(22)}m_{202}^{(10)}-m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(22)}m_{112}^{(00)}\\
&-3m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{112}^{(21)}+m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{103}^{(11)}+2m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{013}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{202}^{(21)}-3m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{112}^{(20)}+2m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{013}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(11)}m_{202}^{(20)}-m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(11)}m_{103}^{(00)}+5m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{211}^{(21)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{202}^{(11)}+3m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{121}^{(20)}-4m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{112}^{(10)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{022}^{(00)}-m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{301}^{(21)}+m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{211}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{310}^{(21)}+m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{301}^{(11)}-2m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{220}^{(20)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{211}^{(10)}+m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{121}^{(00)}+2m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(00)}m_{121}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(00)}m_{112}^{(11)}-m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(00)}m_{022}^{(10)}-2m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{211}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{202}^{(11)}+2m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{121}^{(20)}-m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{022}^{(00)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(11)}m_{211}^{(20)}+m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(11)}m_{202}^{(10)}+m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(11)}m_{112}^{(00)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{220}^{(21)}+m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{211}^{(11)}-2m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{130}^{(20)}
\end{aligned}
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\begin{aligned}
&+2m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{121}^{(10)}+m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{031}^{(00)}+2m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{310}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{301}^{(11)}+2m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{220}^{(20)}-2m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{211}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{121}^{(00)}+m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(10)}m_{103}^{(21)}-m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(10)}m_{004}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(11)}m_{103}^{(20)}-m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(11)}m_{004}^{(00)}-m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{112}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{013}^{(10)}-m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{202}^{(21)}-2m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{112}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{103}^{(10)}+2m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{013}^{(00)}+m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{211}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{121}^{(20)}-m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{112}^{(10)}-m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{022}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(00)}m_{103}^{(21)}+m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(00)}m_{004}^{(10)}-m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(10)}m_{103}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(10)}m_{004}^{(00)}+2m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{202}^{(21)}+m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{112}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{103}^{(10)}-m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{013}^{(00)}+m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(21)}m_{202}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(21)}m_{103}^{(00)}-m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{301}^{(21)}-m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{211}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{202}^{(10)}+m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{112}^{(00)}+m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{112}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{013}^{(10)}-2m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{202}^{(21)}+m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{112}^{(20)}\\
&+2m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{103}^{(10)}-m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{013}^{(00)}-2m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(11)}m_{202}^{(20)}\\
&+2m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(11)}m_{103}^{(00)}-m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{121}^{(20)}+m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{022}^{(00)}\\
&+2m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{301}^{(21)}+3m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{211}^{(20)}-2m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{202}^{(10)}\\
&-3m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{112}^{(00)}-m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{310}^{(21)}-m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{220}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{211}^{(10)}+m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{121}^{(00)}+m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{202}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{103}^{(10)}+m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(10)}m_{202}^{(20)}-m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(10)}m_{103}^{(00)}\\
&-2m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{301}^{(21)}-m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{211}^{(20)}+2m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{202}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{112}^{(00)}-m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(21)}m_{301}^{(20)}+m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(21)}m_{202}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(22)}m_{400}^{(21)}+m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(22)}m_{310}^{(20)}-m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(22)}m_{301}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(22)}m_{211}^{(00)}-m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(00)}m_{211}^{(21)}+m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(00)}m_{112}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{301}^{(21)}-m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{211}^{(20)}-m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{202}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{112}^{(00)}+m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(11)}m_{301}^{(20)}-m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(11)}m_{202}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{310}^{(21)}+m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{220}^{(20)}-m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{211}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{121}^{(00)}-m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(21)}m_{400}^{(21)}-m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(21)}m_{310}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(21)}m_{301}^{(10)}+m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(21)}m_{211}^{(00)}+m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(10)}m_{022}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(10)}m_{013}^{(11)}+m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{022}^{(20)}-m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{013}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(20)}m_{031}^{(21)}+m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(20)}m_{022}^{(11)}-m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{121}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{112}^{(11)}-2m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{031}^{(20)}+2m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{022}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(22)}m_{130}^{(21)}-m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(22)}m_{121}^{(11)}+m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(22)}m_{040}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(22)}m_{031}^{(10)}-m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(00)}m_{022}^{(21)}+m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(00)}m_{013}^{(11)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{112}^{(21)}+2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{103}^{(11)}-m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{022}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{112}^{(20)}+2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{103}^{(10)}-m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{013}^{(00)}\\
&+3m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{121}^{(21)}-4m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{112}^{(11)}+m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{031}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{211}^{(21)}-2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{202}^{(11)}+3m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{121}^{(20)}\\
&-4m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{112}^{(10)}+2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{022}^{(00)}-2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{220}^{(21)}
\end{aligned}
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$$+3m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{211}^{(11)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{130}^{(20)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{121}^{(10)}$$
$$-m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{031}^{(00)} + m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(00)}m_{031}^{(21)} - m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(00)}m_{022}^{(11)}$$
$$-m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{121}^{(21)} + m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{031}^{(20)} - m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{121}^{(20)}$$
$$+m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{022}^{(00)} - m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{130}^{(21)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{121}^{(11)}$$
$$-m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{040}^{(20)} + m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{220}^{(21)} + m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{130}^{(20)}$$
$$-2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{031}^{(00)} - m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(22)}m_{220}^{(11)} + m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(22)}m_{040}^{(00)}$$
$$+m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{112}^{(21)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{103}^{(11)} + m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{013}^{(10)}$$
$$+m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{112}^{(20)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{103}^{(10)} + m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{013}^{(00)}$$
$$-2m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{211}^{(21)} + 4m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{202}^{(11)} - m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{121}^{(20)}$$
$$-m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{022}^{(00)} - m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{211}^{(20)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{202}^{(10)}$$
$$-m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{112}^{(00)} + m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(22)}m_{310}^{(21)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(22)}m_{301}^{(11)}$$
$$+m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(22)}m_{220}^{(20)} - m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(22)}m_{211}^{(10)} + m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(22)}m_{121}^{(00)}$$
$$-m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{121}^{(21)} + 3m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{112}^{(11)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{022}^{(10)}$$
$$+m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{211}^{(21)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{202}^{(11)} - m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{121}^{(20)}$$
$$+4m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{112}^{(10)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{022}^{(00)} + m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{211}^{(20)}$$
$$-2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{202}^{(10)} + m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{112}^{(00)} + m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{220}^{(21)}$$
$$-4m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{211}^{(11)} + m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{130}^{(20)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{031}^{(00)}$$
$$-m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{310}^{(21)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{301}^{(11)} - m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{220}^{(20)}$$
$$+m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(22)}m_{310}^{(11)} - m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(22)}m_{130}^{(00)} - m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(00)}m_{121}^{(11)}$$
$$+m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(00)}m_{031}^{(10)} + m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{211}^{(11)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{121}^{(10)}$$
$$+m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{031}^{(00)} + m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(11)}m_{211}^{(10)} - m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(11)}m_{121}^{(00)}$$
$$+m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(20)}m_{220}^{(11)} - m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(20)}m_{040}^{(00)} - m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(21)}m_{310}^{(11)}$$
$$+m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(21)}m_{130}^{(00)} - m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{112}^{(21)} - m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{103}^{(11)}$$
$$+2m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{013}^{(10)} - m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{112}^{(20)} - m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{103}^{(10)}$$
$$+2m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{013}^{(00)} + m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{121}^{(21)} + m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{112}^{(11)}$$
$$-2m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{022}^{(10)} + m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{211}^{(21)} + m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{202}^{(11)}$$
$$+2m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{121}^{(20)} - 4m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{022}^{(00)} - m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(22)}m_{220}^{(21)}$$
$$-m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(22)}m_{211}^{(11)} - m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(22)}m_{130}^{(20)} + m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(22)}m_{121}^{(10)}$$
$$+2m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(22)}m_{031}^{(00)} + m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{112}^{(21)} + m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{103}^{(11)}$$
$$-2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{013}^{(10)} + m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{202}^{(21)} + m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{112}^{(20)}$$
$$-2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{013}^{(00)} + m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(11)}m_{202}^{(20)} - m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(11)}m_{103}^{(00)}$$
$$-3m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{211}^{(21)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{202}^{(11)} - m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{121}^{(20)}$$
$$+4m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{112}^{(10)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{022}^{(00)} - m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{301}^{(21)}$$
$$-3m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{211}^{(20)} + 4m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{112}^{(00)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{310}^{(21)}$$
$$+m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{301}^{(11)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{220}^{(20)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{211}^{(10)}$$
$$-3m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{121}^{(00)} - m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{121}^{(21)} - m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{112}^{(11)}$$
$$+2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{022}^{(10)} + m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{211}^{(21)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{202}^{(11)}$$
$$-m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{121}^{(20)} - 4m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{112}^{(10)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{022}^{(00)}$$

$$+m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{211}^{(20)}+2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{202}^{(10)}-3m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{112}^{(00)}$$
$$+m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{220}^{(21)}+m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{130}^{(20)}-2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{031}^{(00)}$$
$$-m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{310}^{(21)}-2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{301}^{(11)}-m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{220}^{(20)}$$
$$+4m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{121}^{(00)}+m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(22)}m_{310}^{(11)}-m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(22)}m_{130}^{(00)}$$
$$-m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{202}^{(21)}+m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{103}^{(10)}-m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(10)}m_{202}^{(20)}$$
$$+m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(10)}m_{103}^{(00)}+2m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{301}^{(21)}+m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{211}^{(20)}$$
$$-2m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{202}^{(10)}-m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{112}^{(00)}+m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(21)}m_{301}^{(20)}$$
$$-m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(21)}m_{202}^{(00)}-m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(22)}m_{400}^{(21)}-m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(22)}m_{310}^{(20)}$$
$$+m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(22)}m_{301}^{(10)}+m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(22)}m_{211}^{(00)}+m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{211}^{(21)}$$
$$-m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{202}^{(11)}-m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{301}^{(21)}+m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{211}^{(20)}$$
$$-m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(11)}m_{301}^{(20)}+m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(11)}m_{202}^{(00)}-m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{310}^{(21)}$$
$$+2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{301}^{(11)}-m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{220}^{(20)}+m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{400}^{(21)}$$
$$+m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{310}^{(20)}-2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{211}^{(00)}-m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(22)}m_{400}^{(11)}$$
$$+m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(22)}m_{220}^{(00)}+m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(00)}m_{211}^{(11)}-m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(00)}m_{121}^{(10)}$$
$$-m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{301}^{(11)}+2m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{211}^{(10)}-m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{121}^{(00)}$$
$$-m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(11)}m_{301}^{(10)}+m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(11)}m_{211}^{(00)}-m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(20)}m_{310}^{(11)}$$
$$+m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(20)}m_{130}^{(00)}+m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(21)}m_{400}^{(11)}-m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(21)}m_{220}^{(00)}$$
$$+m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{112}^{(11)}-m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{022}^{(10)}+m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{112}^{(10)}$$
$$-m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{022}^{(00)}-m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(20)}m_{121}^{(11)}+m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(20)}m_{031}^{(10)}$$
$$-m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{211}^{(11)}-m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{121}^{(10)}+2m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{031}^{(00)}$$
$$+m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(22)}m_{220}^{(11)}-m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(22)}m_{040}^{(00)}-m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{112}^{(11)}$$
$$+m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{022}^{(10)}-m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{202}^{(11)}+m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{022}^{(00)}$$
$$-m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{202}^{(10)}+m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{112}^{(00)}+3m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{211}^{(11)}$$
$$-2m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{121}^{(10)}-m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{031}^{(00)}+m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{301}^{(11)}$$
$$+2m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{211}^{(10)}-3m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{121}^{(00)}-2m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(22)}m_{310}^{(11)}$$
$$+2m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(22)}m_{130}^{(00)}+m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(00)}m_{121}^{(11)}-m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(00)}m_{031}^{(10)}$$
$$-m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(10)}m_{211}^{(11)}+2m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(10)}m_{121}^{(10)}-m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(10)}m_{031}^{(00)}$$
$$-m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(11)}m_{211}^{(10)}+m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(11)}m_{121}^{(00)}-m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(20)}m_{220}^{(11)}$$
$$+m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(20)}m_{040}^{(00)}+m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(21)}m_{310}^{(11)}-m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(21)}m_{130}^{(00)}$$
$$+m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{202}^{(11)}-m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{112}^{(10)}+m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{202}^{(10)}$$
$$-m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{112}^{(00)}-2m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{301}^{(11)}+m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{211}^{(10)}$$
$$+m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{121}^{(00)}-m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(21)}m_{301}^{(10)}+m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(21)}m_{211}^{(00)}$$
$$+m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(22)}m_{400}^{(11)}-m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(22)}m_{220}^{(00)}-m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(00)}m_{211}^{(11)}$$
$$+m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(10)}m_{121}^{(10)}+m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(10)}m_{301}^{(11)}-2m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(10)}m_{211}^{(10)}$$
$$+m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(10)}m_{121}^{(00)}+m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(11)}m_{301}^{(10)}-m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(11)}m_{211}^{(00)}$$
$$+m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(20)}m_{310}^{(11)}-m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(20)}m_{130}^{(00)}-m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(21)}m_{400}^{(11)}$$
$$+m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(21)}m_{220}^{(00)}+m_{000}^{(11)}m_{100}^{(00)}m_{110}^{(10)}m_{013}^{(22)}-m_{000}^{(11)}m_{100}^{(00)}m_{110}^{(10)}m_{004}^{(21)}$$
$$-m_{000}^{(11)}m_{100}^{(00)}m_{110}^{(20)}m_{022}^{(22)}+m_{000}^{(11)}m_{100}^{(00)}m_{110}^{(20)}m_{013}^{(21)}-m_{000}^{(11)}m_{100}^{(00)}m_{110}^{(21)}m_{112}^{(22)}$$

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\begin{aligned}
&+m_{000}^{(11)}m_{100}^{(00)}m_{110}^{(21)}m_{103}^{(21)} + m_{000}^{(11)}m_{100}^{(00)}m_{110}^{(22)}m_{121}^{(22)} - m_{000}^{(11)}m_{100}^{(00)}m_{110}^{(22)}m_{112}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(10)}m_{022}^{(22)} + m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(10)}m_{013}^{(21)} + m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(20)}m_{031}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(20)}m_{022}^{(21)} + m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(21)}m_{121}^{(22)} - m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(21)}m_{112}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(22)}m_{130}^{(22)} + m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(22)}m_{121}^{(21)} - m_{000}^{(11)}m_{100}^{(00)}m_{020}^{(00)}m_{013}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{020}^{(00)}m_{004}^{(21)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{020}^{(20)}m_{112}^{(22)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{020}^{(20)}m_{103}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{020}^{(22)}m_{211}^{(22)} + m_{000}^{(11)}m_{100}^{(00)}m_{020}^{(22)}m_{202}^{(21)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(00)}m_{022}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(00)}m_{013}^{(21)} - m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(10)}m_{112}^{(22)} + m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(10)}m_{103}^{(21)}\\
&-3m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(20)}m_{121}^{(22)} + 3m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(20)}m_{112}^{(21)} + m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(21)}m_{211}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(21)}m_{202}^{(21)} + m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(22)}m_{220}^{(22)} - m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(22)}m_{211}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(00)}m_{031}^{(22)} + m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(00)}m_{022}^{(21)} + m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(10)}m_{121}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(10)}m_{112}^{(21)} + m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(20)}m_{130}^{(22)} - m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(20)}m_{121}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(21)}m_{220}^{(22)} + m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(21)}m_{211}^{(21)} - m_{000}^{(11)}m_{100}^{(10)}m_{200}^{(10)}m_{013}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{200}^{(10)}m_{004}^{(21)} + m_{000}^{(11)}m_{100}^{(10)}m_{200}^{(20)}m_{022}^{(22)} - m_{000}^{(11)}m_{100}^{(10)}m_{200}^{(20)}m_{013}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{200}^{(21)}m_{112}^{(22)} - m_{000}^{(11)}m_{100}^{(10)}m_{200}^{(21)}m_{103}^{(21)} - m_{000}^{(11)}m_{100}^{(10)}m_{200}^{(22)}m_{121}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{200}^{(22)}m_{112}^{(21)} + m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(00)}m_{013}^{(22)} - m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(00)}m_{004}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(10)}m_{103}^{(22)} + m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(10)}m_{004}^{(20)} - m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(20)}m_{112}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(20)}m_{103}^{(21)} - m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(20)}m_{013}^{(20)} + m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(21)}m_{202}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(21)}m_{103}^{(20)} - m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(22)}m_{202}^{(21)} + m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(22)}m_{112}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(00)}m_{022}^{(22)} + m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(00)}m_{013}^{(21)} + 3m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(10)}m_{112}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(10)}m_{103}^{(21)} - m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(10)}m_{013}^{(20)} - m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(20)}m_{121}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(20)}m_{022}^{(20)} - 3m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(21)}m_{211}^{(22)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(21)}m_{202}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(21)}m_{112}^{(20)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(22)}m_{220}^{(22)} - m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(22)}m_{211}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(22)}m_{121}^{(20)} + m_{000}^{(11)}m_{100}^{(10)}m_{020}^{(00)}m_{103}^{(22)} - m_{000}^{(11)}m_{100}^{(10)}m_{020}^{(00)}m_{004}^{(20)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{020}^{(20)}m_{202}^{(22)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{020}^{(20)}m_{103}^{(20)} + m_{000}^{(11)}m_{100}^{(10)}m_{020}^{(22)}m_{301}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{020}^{(22)}m_{202}^{(20)} - 3m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(00)}m_{112}^{(22)} + m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(00)}m_{103}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(00)}m_{013}^{(20)} + m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(10)}m_{202}^{(22)} - m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(10)}m_{103}^{(20)}\\
&+5m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(20)}m_{211}^{(22)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(20)}m_{202}^{(21)} - 3m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(20)}m_{112}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(21)}m_{301}^{(22)} + m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(21)}m_{202}^{(20)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(22)}m_{310}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(22)}m_{301}^{(21)} + m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(22)}m_{211}^{(20)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(00)}m_{121}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(00)}m_{112}^{(21)} - m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(00)}m_{022}^{(20)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(10)}m_{211}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(10)}m_{202}^{(21)} + m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(10)}m_{112}^{(20)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(20)}m_{220}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(20)}m_{211}^{(21)} + m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(20)}m_{121}^{(20)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(21)}m_{310}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(21)}m_{301}^{(21)} - m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(21)}m_{211}^{(20)} + m_{000}^{(11)}m_{100}^{(11)}m_{200}^{(10)}m_{103}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(11)}m_{200}^{(10)}m_{004}^{(20)} - m_{000}^{(11)}m_{100}^{(11)}m_{200}^{(20)}m_{112}^{(22)} + m_{000}^{(11)}m_{100}^{(11)}m_{200}^{(20)}m_{013}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(11)}m_{200}^{(21)}m_{202}^{(22)} + m_{000}^{(11)}m_{100}^{(11)}m_{200}^{(21)}m_{103}^{(20)} + m_{000}^{(11)}m_{100}^{(11)}m_{200}^{(22)}m_{211}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(11)}m_{200}^{(22)}m_{112}^{(20)} - m_{000}^{(11)}m_{100}^{(11)}m_{110}^{(00)}m_{103}^{(22)} + m_{000}^{(11)}m_{100}^{(11)}m_{110}^{(00)}m_{004}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(11)}m_{110}^{(20)}m_{202}^{(22)} - 2m_{000}^{(11)}m_{100}^{(11)}m_{110}^{(20)}m_{103}^{(20)} - m_{000}^{(11)}m_{100}^{(11)}m_{110}^{(22)}m_{301}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{110}^{(22)}m_{202}^{(20)} + m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(00)}m_{112}^{(22)} - m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(00)}m_{013}^{(20)}
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&-2m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(10)}m_{202}^{(22)}+2m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(10)}m_{103}^{(20)}+2m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(21)}m_{301}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(21)}m_{202}^{(20)}-m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(22)}m_{310}^{(22)}+m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(22)}m_{211}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{011}^{(00)}m_{202}^{(22)}-m_{000}^{(11)}m_{100}^{(11)}m_{011}^{(00)}m_{103}^{(20)}-2m_{000}^{(11)}m_{100}^{(11)}m_{011}^{(20)}m_{301}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(11)}m_{011}^{(20)}m_{202}^{(20)}+m_{000}^{(11)}m_{100}^{(11)}m_{011}^{(22)}m_{400}^{(22)}-m_{000}^{(11)}m_{100}^{(11)}m_{011}^{(22)}m_{301}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(00)}m_{211}^{(22)}+m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(00)}m_{112}^{(20)}+m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(10)}m_{301}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(10)}m_{202}^{(20)}+m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(20)}m_{310}^{(22)}-m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(20)}m_{211}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(21)}m_{400}^{(22)}+m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(21)}m_{301}^{(20)}+m_{000}^{(11)}m_{100}^{(20)}m_{200}^{(10)}m_{022}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{200}^{(10)}m_{013}^{(21)}-m_{000}^{(11)}m_{100}^{(20)}m_{200}^{(20)}m_{031}^{(22)}+m_{000}^{(11)}m_{100}^{(20)}m_{200}^{(20)}m_{022}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{200}^{(21)}m_{121}^{(22)}+m_{000}^{(11)}m_{100}^{(20)}m_{200}^{(21)}m_{112}^{(21)}+m_{000}^{(11)}m_{100}^{(20)}m_{200}^{(22)}m_{130}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{200}^{(22)}m_{121}^{(21)}-m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(00)}m_{022}^{(22)}+m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(00)}m_{013}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(10)}m_{112}^{(22)}+2m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(10)}m_{103}^{(21)}-m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(10)}m_{013}^{(20)}\\
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&-2m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(22)}m_{220}^{(22)}+3m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(22)}m_{211}^{(21)}-m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(22)}m_{121}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(00)}m_{031}^{(22)}-m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(00)}m_{022}^{(21)}-m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(10)}m_{121}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(10)}m_{022}^{(20)}-m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(20)}m_{130}^{(22)}+2m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(20)}m_{121}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(20)}m_{031}^{(20)}+m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(21)}m_{220}^{(22)}-m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(21)}m_{121}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(22)}m_{220}^{(21)}+m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(22)}m_{130}^{(20)}+m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(00)}m_{112}^{(22)}\\
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&+4m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(20)}m_{202}^{(21)}-2m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(20)}m_{112}^{(20)}+m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(22)}m_{310}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(22)}m_{301}^{(21)}+m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(22)}m_{211}^{(20)}-m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(00)}m_{121}^{(22)}\\
&+3m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(00)}m_{112}^{(21)}-2m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(00)}m_{022}^{(20)}+m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(10)}m_{211}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(10)}m_{202}^{(21)}+m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(10)}m_{112}^{(20)}+m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{220}^{(22)}\\
&-4m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{211}^{(21)}+3m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{121}^{(20)}-m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(21)}m_{310}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(21)}m_{301}^{(21)}-m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(21)}m_{211}^{(20)}+m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(22)}m_{310}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(22)}m_{220}^{(20)}-m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(00)}m_{121}^{(21)}+m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(00)}m_{031}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(10)}m_{211}^{(21)}-m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(10)}m_{121}^{(20)}+m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(20)}m_{220}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(20)}m_{130}^{(20)}-m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(21)}m_{310}^{(21)}+m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(21)}m_{220}^{(20)}\\
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&+m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(20)}m_{121}^{(22)}+m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(20)}m_{112}^{(21)}-2m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(20)}m_{022}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(21)}m_{211}^{(22)}+m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(21)}m_{202}^{(21)}-2m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(21)}m_{112}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(22)}m_{220}^{(22)}-m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(22)}m_{211}^{(21)}+2m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(22)}m_{121}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(00)}m_{112}^{(22)}+m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(00)}m_{103}^{(21)}-2m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(00)}m_{013}^{(20)}\\
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&+m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(21)}m_{202}^{(20)}+2m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(22)}m_{310}^{(22)}+m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(22)}m_{301}^{(21)}\\
&-3m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(22)}m_{211}^{(20)}-m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(00)}m_{121}^{(22)}-m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(00)}m_{112}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(00)}m_{022}^{(20)}+m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(10)}m_{211}^{(22)}+2m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(10)}m_{202}^{(21)}
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&-3m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(10)}m_{112}^{(20)} + m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{220}^{(22)} - m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{121}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(21)}m_{310}^{(22)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(21)}m_{301}^{(21)} + 3m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(21)}m_{211}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(22)}m_{310}^{(21)} - m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(22)}m_{220}^{(20)} - m_{000}^{(11)}m_{100}^{(21)}m_{020}^{(00)}m_{202}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{020}^{(00)}m_{103}^{(20)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{020}^{(20)}m_{301}^{(22)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{020}^{(20)}m_{202}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{020}^{(22)}m_{400}^{(22)} + m_{000}^{(11)}m_{100}^{(21)}m_{020}^{(22)}m_{301}^{(20)} + m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(00)}m_{211}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(00)}m_{202}^{(21)} - m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(10)}m_{301}^{(22)} + m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(10)}m_{202}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(20)}m_{310}^{(22)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(20)}m_{301}^{(21)} - m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(20)}m_{211}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(21)}m_{400}^{(22)} - m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(21)}m_{301}^{(20)} - m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(22)}m_{400}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(22)}m_{310}^{(20)} + m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(00)}m_{211}^{(21)} - m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(00)}m_{121}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(10)}m_{301}^{(21)} + m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(10)}m_{211}^{(20)} - m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(20)}m_{310}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(20)}m_{220}^{(20)} + m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(21)}m_{400}^{(21)} - m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(21)}m_{310}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(10)}m_{112}^{(21)} - m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(10)}m_{022}^{(20)} - m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(20)}m_{121}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(20)}m_{031}^{(20)} - m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(21)}m_{211}^{(21)} + m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(21)}m_{121}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(22)}m_{220}^{(21)} - m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(22)}m_{130}^{(20)} - m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(00)}m_{112}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(00)}m_{022}^{(20)} - m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(10)}m_{202}^{(21)} + m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(10)}m_{112}^{(20)}\\
&+3m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(20)}m_{211}^{(21)} - 3m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(20)}m_{121}^{(20)} + m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(21)}m_{301}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(21)}m_{211}^{(20)} - 2m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(22)}m_{310}^{(21)} + 2m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(22)}m_{220}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(00)}m_{121}^{(21)} - m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(00)}m_{031}^{(20)} - m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(10)}m_{211}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(10)}m_{121}^{(20)} - m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(20)}m_{220}^{(21)} + m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(20)}m_{130}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(21)}m_{310}^{(21)} - m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(21)}m_{220}^{(20)} + m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(00)}m_{202}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(00)}m_{112}^{(20)} - 2m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(20)}m_{301}^{(21)} + 2m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(20)}m_{211}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(22)}m_{400}^{(21)} - m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(22)}m_{310}^{(20)} - m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(00)}m_{211}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(00)}m_{121}^{(20)} + m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(10)}m_{301}^{(21)} - m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(10)}m_{211}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(20)}m_{310}^{(21)} - m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(20)}m_{220}^{(20)} - m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(21)}m_{400}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(21)}m_{310}^{(20)} - m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{013}^{(20)} + m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(10)}m_{004}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(20)}m_{022}^{(20)} - m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(20)}m_{013}^{(10)} + m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(21)}m_{112}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(21)}m_{103}^{(10)} - m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(22)}m_{121}^{(20)} + m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(22)}m_{112}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(10)}m_{022}^{(20)} - m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(10)}m_{013}^{(10)} - m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{031}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{022}^{(10)} - m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(21)}m_{121}^{(20)} + m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(21)}m_{112}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(22)}m_{130}^{(20)} - m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(22)}m_{121}^{(10)} + m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(00)}m_{013}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(00)}m_{004}^{(10)} - 2m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(20)}m_{112}^{(20)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(20)}m_{103}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(22)}m_{211}^{(20)} - m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(22)}m_{202}^{(10)} - 2m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(00)}m_{022}^{(20)}\\
&+2m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(00)}m_{013}^{(10)} + m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(10)}m_{112}^{(20)} - m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(10)}m_{103}^{(10)}\\
&+3m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{121}^{(20)} - 3m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{112}^{(10)} - m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(21)}m_{211}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(21)}m_{202}^{(10)} - m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(22)}m_{220}^{(20)} + m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(22)}m_{211}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(00)}m_{031}^{(20)} - m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(00)}m_{022}^{(10)} - m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(10)}m_{121}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(10)}m_{112}^{(10)} - m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(20)}m_{130}^{(20)} + m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(20)}m_{121}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(21)}m_{220}^{(20)} - m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(21)}m_{211}^{(10)} + m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(10)}m_{013}^{(20)}
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&-m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(10)}m_{004}^{(10)} - m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{022}^{(20)} + m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{013}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(21)}m_{112}^{(20)} + m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(21)}m_{103}^{(10)} + m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{121}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{112}^{(10)} - m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(00)}m_{013}^{(20)} + m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(00)}m_{004}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(10)}m_{103}^{(20)} - m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(10)}m_{004}^{(00)} + m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{112}^{(20)}\\
&-2m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{103}^{(10)} + m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{013}^{(00)} - m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(21)}m_{202}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(21)}m_{103}^{(00)} + m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(22)}m_{202}^{(10)} - m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(22)}m_{112}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(00)}m_{022}^{(20)} - m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(00)}m_{013}^{(10)} - 3m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{112}^{(20)}\\
&+2m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{103}^{(10)} + m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{013}^{(00)} + m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{121}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{022}^{(00)} + 3m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{211}^{(20)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{202}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{112}^{(00)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{220}^{(20)} + m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{211}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{121}^{(00)} - m_{000}^{(11)}m_{001}^{(10)}m_{020}^{(00)}m_{103}^{(20)} + m_{000}^{(11)}m_{001}^{(10)}m_{020}^{(00)}m_{004}^{(00)}\\
&+2m_{000}^{(11)}m_{001}^{(10)}m_{020}^{(20)}m_{202}^{(20)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{020}^{(20)}m_{103}^{(00)} - m_{000}^{(11)}m_{001}^{(10)}m_{020}^{(22)}m_{301}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{020}^{(22)}m_{202}^{(00)} + 3m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(00)}m_{112}^{(20)} - m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(00)}m_{103}^{(10)}\\
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&+m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(00)}m_{112}^{(10)} + m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(00)}m_{022}^{(00)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{211}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{202}^{(10)} - m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{112}^{(00)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{220}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{211}^{(10)} - m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{121}^{(00)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(21)}m_{310}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(21)}m_{301}^{(10)} + m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(21)}m_{211}^{(00)} - m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(10)}m_{103}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(10)}m_{004}^{(00)} + m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(20)}m_{112}^{(20)} - m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(20)}m_{013}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(21)}m_{202}^{(20)} - m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(21)}m_{103}^{(00)} - m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(22)}m_{211}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(22)}m_{112}^{(00)} + m_{000}^{(11)}m_{001}^{(11)}m_{110}^{(00)}m_{103}^{(20)} - m_{000}^{(11)}m_{001}^{(11)}m_{110}^{(00)}m_{004}^{(00)}\\
&-2m_{000}^{(11)}m_{001}^{(11)}m_{110}^{(20)}m_{202}^{(20)} + 2m_{000}^{(11)}m_{001}^{(11)}m_{110}^{(20)}m_{103}^{(00)} + m_{000}^{(11)}m_{001}^{(11)}m_{110}^{(22)}m_{301}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(11)}m_{110}^{(22)}m_{202}^{(00)} - m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(00)}m_{112}^{(20)} + m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(00)}m_{013}^{(00)}\\
&+2m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(10)}m_{202}^{(20)} - 2m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(10)}m_{103}^{(00)} - 2m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(21)}m_{301}^{(20)}\\
&+2m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(21)}m_{202}^{(00)} + m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(22)}m_{310}^{(20)} - m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(22)}m_{211}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(11)}m_{011}^{(00)}m_{202}^{(20)} + m_{000}^{(11)}m_{001}^{(11)}m_{011}^{(00)}m_{103}^{(00)} + 2m_{000}^{(11)}m_{001}^{(11)}m_{011}^{(20)}m_{301}^{(20)}\\
&-2m_{000}^{(11)}m_{001}^{(11)}m_{011}^{(20)}m_{202}^{(00)} - m_{000}^{(11)}m_{001}^{(11)}m_{011}^{(22)}m_{400}^{(20)} + m_{000}^{(11)}m_{001}^{(11)}m_{011}^{(22)}m_{301}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{002}^{(00)}m_{211}^{(20)} - m_{000}^{(11)}m_{001}^{(11)}m_{002}^{(00)}m_{112}^{(00)} - m_{000}^{(11)}m_{001}^{(11)}m_{002}^{(10)}m_{301}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{002}^{(10)}m_{202}^{(00)} - m_{000}^{(11)}m_{001}^{(11)}m_{002}^{(20)}m_{310}^{(20)} + m_{000}^{(11)}m_{001}^{(11)}m_{002}^{(20)}m_{211}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{002}^{(21)}m_{400}^{(20)} - m_{000}^{(11)}m_{001}^{(11)}m_{002}^{(21)}m_{301}^{(00)} - m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{022}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{013}^{(10)} + m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{031}^{(20)} - m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{022}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{121}^{(20)} - m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{112}^{(10)} - m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(22)}m_{130}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(22)}m_{121}^{(10)} + m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(00)}m_{022}^{(20)} - m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(00)}m_{013}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{112}^{(20)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{103}^{(10)} + m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{013}^{(00)}\\
&-3m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{121}^{(20)} + 4m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{112}^{(10)} - m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{022}^{(00)}
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&-m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{211}^{(20)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{202}^{(10)} - m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{112}^{(00)}\\
&+2m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(22)}m_{220}^{(20)} - 3m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(22)}m_{211}^{(10)} + m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(22)}m_{121}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{031}^{(20)} + m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{022}^{(10)} + m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{121}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{022}^{(00)} + m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{130}^{(20)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{121}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{031}^{(00)} - m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{220}^{(20)} + m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{121}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(22)}m_{220}^{(10)} - m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(22)}m_{130}^{(00)} - m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(00)}m_{112}^{(20)}\\
&+2m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(00)}m_{103}^{(10)} - m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(00)}m_{013}^{(00)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(20)}m_{211}^{(20)}\\
&-4m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(20)}m_{202}^{(10)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(20)}m_{112}^{(00)} - m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(22)}m_{310}^{(20)}\\
&+2m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(22)}m_{301}^{(10)} - m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(22)}m_{211}^{(00)} + m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(00)}m_{011}^{(20)}m_{121}^{(20)}\\
&-3m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{112}^{(10)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{022}^{(00)} - m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{211}^{(20)}\\
&+2m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{202}^{(10)} - m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{112}^{(00)} - m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{220}^{(20)}\\
&+4m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{211}^{(10)} - 3m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{121}^{(00)} + m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{310}^{(20)}\\
&-2m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{301}^{(10)} + m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{211}^{(00)} - m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(22)}m_{310}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(22)}m_{220}^{(00)} + m_{000}^{(11)}m_{001}^{(20)}m_{002}^{(00)}m_{121}^{(10)} - m_{000}^{(11)}m_{001}^{(20)}m_{002}^{(00)}m_{031}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{002}^{(10)}m_{211}^{(10)} + m_{000}^{(11)}m_{001}^{(20)}m_{002}^{(10)}m_{121}^{(00)} - m_{000}^{(11)}m_{001}^{(20)}m_{002}^{(20)}m_{220}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{002}^{(20)}m_{130}^{(00)} + m_{000}^{(11)}m_{001}^{(20)}m_{002}^{(21)}m_{310}^{(10)} - m_{000}^{(11)}m_{001}^{(20)}m_{002}^{(21)}m_{220}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{112}^{(20)} + m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{103}^{(10)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{013}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{121}^{(20)} - m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{112}^{(10)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{022}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{211}^{(20)} - m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{202}^{(10)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(21)}m_{112}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(22)}m_{220}^{(20)} + m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(22)}m_{211}^{(10)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(22)}m_{121}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{112}^{(20)} - m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{103}^{(10)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{013}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(10)}m_{202}^{(20)} + m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(10)}m_{103}^{(00)} + 3m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{211}^{(20)}\\
&+2m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{202}^{(10)} - 5m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{112}^{(00)} + m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(21)}m_{301}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(21)}m_{202}^{(00)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(22)}m_{310}^{(20)} - m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(22)}m_{301}^{(10)}\\
&+3m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(22)}m_{211}^{(00)} + m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{121}^{(20)} + m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{112}^{(10)}\\
&-2m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{022}^{(00)} - m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{211}^{(20)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{202}^{(10)}\\
&+3m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{112}^{(00)} - m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{220}^{(20)} + m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{121}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{310}^{(20)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{301}^{(10)} - 3m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(21)}m_{211}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(22)}m_{310}^{(10)} + m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(22)}m_{220}^{(00)} + m_{000}^{(11)}m_{001}^{(21)}m_{020}^{(00)}m_{202}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(21)}m_{020}^{(00)}m_{103}^{(00)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{020}^{(20)}m_{301}^{(20)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{020}^{(20)}m_{202}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(21)}m_{020}^{(22)}m_{400}^{(20)} - m_{000}^{(11)}m_{001}^{(21)}m_{020}^{(22)}m_{301}^{(00)} - m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{211}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{202}^{(10)} + m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(10)}m_{301}^{(20)} - m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(10)}m_{202}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{310}^{(20)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{301}^{(10)} + m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{211}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(21)}m_{400}^{(20)} + m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(21)}m_{301}^{(00)} + m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(22)}m_{400}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(22)}m_{310}^{(00)} - m_{000}^{(11)}m_{001}^{(21)}m_{002}^{(00)}m_{211}^{(10)} + m_{000}^{(11)}m_{001}^{(21)}m_{002}^{(00)}m_{121}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(21)}m_{002}^{(10)}m_{301}^{(10)} - m_{000}^{(11)}m_{001}^{(21)}m_{002}^{(10)}m_{211}^{(00)} + m_{000}^{(11)}m_{001}^{(21)}m_{002}^{(20)}m_{310}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(21)}m_{002}^{(20)}m_{220}^{(00)} - m_{000}^{(11)}m_{001}^{(21)}m_{002}^{(21)}m_{400}^{(10)} + m_{000}^{(11)}m_{001}^{(21)}m_{002}^{(21)}m_{310}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{112}^{(10)} + m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{022}^{(00)} + m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(20)}m_{121}^{(10)}
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&-m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(20)}m_{031}^{(00)} + m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(21)}m_{211}^{(10)} - m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(21)}m_{121}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(22)}m_{220}^{(10)} + m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(22)}m_{130}^{(00)} + m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{112}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{022}^{(00)} + m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{202}^{(10)} - m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{112}^{(00)}\\
&-3m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(20)}m_{211}^{(10)} + 3m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(20)}m_{121}^{(00)} - m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(21)}m_{301}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(21)}m_{211}^{(00)} + 2m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(22)}m_{310}^{(10)} - 2m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(22)}m_{220}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(00)}m_{121}^{(10)} + m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(00)}m_{031}^{(00)} + m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(10)}m_{211}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(10)}m_{121}^{(00)} + m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(20)}m_{220}^{(10)} - m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(20)}m_{130}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(21)}m_{310}^{(10)} + m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(21)}m_{220}^{(00)} - m_{000}^{(11)}m_{001}^{(22)}m_{020}^{(00)}m_{202}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{020}^{(00)}m_{112}^{(00)} + 2m_{000}^{(11)}m_{001}^{(22)}m_{020}^{(20)}m_{301}^{(10)} - 2m_{000}^{(11)}m_{001}^{(22)}m_{020}^{(20)}m_{211}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(22)}m_{020}^{(22)}m_{400}^{(10)} + m_{000}^{(11)}m_{001}^{(22)}m_{020}^{(22)}m_{310}^{(00)} + m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(00)}m_{211}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(00)}m_{121}^{(00)} - m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(10)}m_{301}^{(10)} + m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(10)}m_{211}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(20)}m_{310}^{(10)} + m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(20)}m_{220}^{(00)} + m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(21)}m_{400}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(21)}m_{310}^{(00)} + m_{000}^{(20)}m_{100}^{(00)}m_{110}^{(11)}m_{013}^{(21)} - m_{000}^{(20)}m_{100}^{(00)}m_{110}^{(11)}m_{004}^{(11)}\\
&-2m_{000}^{(20)}m_{100}^{(00)}m_{110}^{(21)}m_{022}^{(21)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{110}^{(21)}m_{013}^{(11)} + m_{000}^{(20)}m_{100}^{(00)}m_{110}^{(22)}m_{031}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(00)}m_{110}^{(22)}m_{022}^{(11)} - m_{000}^{(20)}m_{100}^{(00)}m_{101}^{(11)}m_{022}^{(21)} + m_{000}^{(20)}m_{100}^{(00)}m_{101}^{(11)}m_{013}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(00)}m_{101}^{(21)}m_{031}^{(21)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{101}^{(21)}m_{022}^{(11)} - m_{000}^{(20)}m_{100}^{(00)}m_{101}^{(22)}m_{040}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{101}^{(22)}m_{031}^{(11)} - m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(10)}m_{013}^{(21)} + m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(10)}m_{004}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(20)}m_{022}^{(21)} - m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(20)}m_{013}^{(11)} + m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(21)}m_{112}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(21)}m_{103}^{(11)} - m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(22)}m_{121}^{(21)} + m_{000}^{(20)}m_{100}^{(00)}m_{020}^{(22)}m_{112}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(10)}m_{022}^{(21)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(10)}m_{013}^{(11)} - m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(11)}m_{112}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(11)}m_{103}^{(11)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(20)}m_{031}^{(21)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(20)}m_{022}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(22)}m_{130}^{(21)} - m_{000}^{(20)}m_{100}^{(00)}m_{011}^{(22)}m_{121}^{(11)} - m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(10)}m_{031}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(10)}m_{022}^{(11)} + m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(11)}m_{121}^{(21)} - m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(11)}m_{112}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(20)}m_{040}^{(21)} - m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(20)}m_{031}^{(11)} - m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(21)}m_{130}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{002}^{(21)}m_{121}^{(11)} - m_{000}^{(20)}m_{100}^{(10)}m_{200}^{(11)}m_{013}^{(21)} + m_{000}^{(20)}m_{100}^{(10)}m_{200}^{(11)}m_{004}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(10)}m_{200}^{(21)}m_{022}^{(21)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{200}^{(21)}m_{013}^{(11)} - m_{000}^{(20)}m_{100}^{(10)}m_{200}^{(22)}m_{031}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{200}^{(22)}m_{022}^{(11)} + m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(10)}m_{013}^{(21)} - m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(10)}m_{004}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(11)}m_{103}^{(21)} + m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(11)}m_{004}^{(10)} - m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(20)}m_{022}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(20)}m_{013}^{(11)} + m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(21)}m_{112}^{(21)} + m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(21)}m_{103}^{(11)}\\
&-2m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(21)}m_{013}^{(10)} - m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(22)}m_{112}^{(11)} + m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(22)}m_{022}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(10)}m_{022}^{(21)} + m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(10)}m_{013}^{(11)} + 3m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(11)}m_{112}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(11)}m_{103}^{(11)} - m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(11)}m_{013}^{(10)} + m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(20)}m_{031}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(20)}m_{022}^{(11)} - 5m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(21)}m_{121}^{(21)} + 3m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(21)}m_{112}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(21)}m_{022}^{(10)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(22)}m_{130}^{(21)} - m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(22)}m_{121}^{(11)}\\
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&+m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(21)}m_{103}^{(10)} + m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(22)}m_{211}^{(21)} - m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(22)}m_{112}^{(10)}\\
&-3m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(10)}m_{112}^{(21)} + m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(10)}m_{103}^{(11)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(10)}m_{013}^{(10)}
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&+m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(11)}m_{202}^{(21)} - m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(11)}m_{103}^{(10)} + 3m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(20)}m_{121}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(20)}m_{112}^{(11)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(20)}m_{022}^{(10)} + m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(21)}m_{211}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(21)}m_{202}^{(11)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(22)}m_{220}^{(21)} + m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(22)}m_{211}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(22)}m_{121}^{(10)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(10)}m_{121}^{(21)} - m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(10)}m_{112}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(10)}m_{022}^{(10)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(11)}m_{211}^{(21)} + m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(11)}m_{202}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(11)}m_{112}^{(10)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(20)}m_{130}^{(21)} + m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(20)}m_{121}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(20)}m_{031}^{(10)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(21)}m_{220}^{(21)} - m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(21)}m_{211}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(21)}m_{121}^{(10)} + m_{000}^{(20)}m_{100}^{(11)}m_{200}^{(11)}m_{103}^{(21)} - m_{000}^{(20)}m_{100}^{(11)}m_{200}^{(11)}m_{004}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(11)}m_{200}^{(21)}m_{112}^{(21)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{200}^{(21)}m_{013}^{(10)} + m_{000}^{(20)}m_{100}^{(11)}m_{200}^{(22)}m_{121}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{200}^{(22)}m_{022}^{(10)} - m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(10)}m_{103}^{(21)} + m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(10)}m_{004}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(20)}m_{112}^{(21)} - m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(20)}m_{013}^{(10)} + m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(21)}m_{202}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(21)}m_{103}^{(10)} - m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(22)}m_{211}^{(21)} + m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(22)}m_{112}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(10)}m_{112}^{(21)} - m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(10)}m_{013}^{(10)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(11)}m_{202}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(11)}m_{103}^{(10)} - m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(20)}m_{121}^{(21)} + m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(20)}m_{022}^{(10)}\\
&+3m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(21)}m_{211}^{(21)} - 3m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(21)}m_{112}^{(10)} - m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(22)}m_{220}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(22)}m_{121}^{(10)} + m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(10)}m_{202}^{(21)} - m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(10)}m_{103}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(20)}m_{211}^{(21)} + m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(20)}m_{112}^{(10)} - m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(21)}m_{301}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(21)}m_{202}^{(10)} + m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(22)}m_{310}^{(21)} - m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(22)}m_{211}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(10)}m_{211}^{(21)} + m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(10)}m_{112}^{(10)} + m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(11)}m_{301}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(11)}m_{202}^{(10)} + m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(20)}m_{220}^{(21)} - m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(20)}m_{121}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(21)}m_{310}^{(21)} + m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(21)}m_{211}^{(10)} + m_{000}^{(20)}m_{100}^{(20)}m_{200}^{(11)}m_{022}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{200}^{(11)}m_{013}^{(11)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{200}^{(21)}m_{031}^{(21)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{200}^{(21)}m_{022}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{200}^{(22)}m_{040}^{(21)} - m_{000}^{(20)}m_{100}^{(20)}m_{200}^{(22)}m_{031}^{(11)} - m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(10)}m_{022}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(10)}m_{013}^{(11)} - m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(11)}m_{112}^{(21)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(11)}m_{103}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(11)}m_{013}^{(10)} + m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(20)}m_{031}^{(21)} - m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(20)}m_{022}^{(11)}\\
&+3m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(21)}m_{121}^{(21)} - 5m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(21)}m_{112}^{(11)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(21)}m_{022}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(22)}m_{130}^{(21)} + 3m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(22)}m_{121}^{(11)} - m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(22)}m_{031}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(10)}m_{031}^{(21)} - m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(10)}m_{022}^{(11)} - m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(11)}m_{121}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(11)}m_{022}^{(10)} - m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(20)}m_{040}^{(21)} + m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(20)}m_{031}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(21)}m_{130}^{(21)} + m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(21)}m_{121}^{(11)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(21)}m_{031}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(22)}m_{130}^{(11)} + m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(22)}m_{040}^{(10)} + m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(10)}m_{112}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(10)}m_{103}^{(11)} + m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(10)}m_{013}^{(10)} - m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(20)}m_{121}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(20)}m_{112}^{(11)} - m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(20)}m_{022}^{(10)} - m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(21)}m_{211}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(21)}m_{202}^{(11)} - m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(21)}m_{112}^{(10)} + m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(22)}m_{220}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(22)}m_{211}^{(11)} + m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(22)}m_{121}^{(10)} - m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(10)}m_{121}^{(21)}\\
&+3m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(10)}m_{112}^{(11)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(10)}m_{022}^{(10)} + m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(20)}m_{211}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(11)}m_{202}^{(11)} + m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(11)}m_{112}^{(10)} + m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(20)}m_{130}^{(21)}\\
&-3m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(20)}m_{121}^{(11)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(20)}m_{031}^{(10)} - m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(21)}m_{220}^{(21)}
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&+m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(21)}m_{211}^{(11)}+m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(22)}m_{220}^{(11)}-m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(22)}m_{130}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(10)}m_{121}^{(11)}+m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(10)}m_{031}^{(10)}+m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(11)}m_{211}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(11)}m_{121}^{(10)}+m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(20)}m_{130}^{(11)}-m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(20)}m_{040}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(21)}m_{220}^{(11)}+m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(21)}m_{130}^{(10)}-m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(21)}m_{112}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(11)}m_{103}^{(11)}+2m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(11)}m_{013}^{(10)}+2m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(21)}m_{121}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(21)}m_{112}^{(11)}-4m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(21)}m_{022}^{(10)}-m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(22)}m_{130}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(22)}m_{121}^{(11)}+2m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(22)}m_{031}^{(10)}+m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(10)}m_{112}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(10)}m_{103}^{(11)}-2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(10)}m_{013}^{(10)}+m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(11)}m_{202}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(11)}m_{103}^{(10)}-m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(20)}m_{121}^{(21)}-m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(20)}m_{112}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(20)}m_{022}^{(10)}-3m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{211}^{(21)}-m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{202}^{(11)}\\
&+4m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{112}^{(10)}+2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(22)}m_{220}^{(21)}+m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(22)}m_{211}^{(11)}\\
&-3m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(22)}m_{121}^{(10)}-m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(10)}m_{121}^{(21)}-m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(10)}m_{112}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(10)}m_{022}^{(10)}+m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{211}^{(21)}+2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{202}^{(11)}\\
&-3m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{112}^{(10)}+m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(20)}m_{130}^{(21)}+m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(20)}m_{121}^{(11)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(20)}m_{031}^{(10)}-m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{220}^{(21)}-3m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{211}^{(11)}\\
&+4m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{121}^{(10)}+m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(22)}m_{220}^{(11)}-m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(22)}m_{130}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(10)}m_{202}^{(21)}+m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(10)}m_{103}^{(10)}+m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{211}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{112}^{(10)}+m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(21)}m_{301}^{(21)}-m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(21)}m_{202}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(22)}m_{310}^{(21)}+m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(22)}m_{211}^{(10)}+m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{211}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{202}^{(11)}-m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(11)}m_{301}^{(21)}+m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(11)}m_{202}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(20)}m_{220}^{(21)}+m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(20)}m_{211}^{(11)}+m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(21)}m_{310}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(21)}m_{301}^{(11)}-2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(21)}m_{211}^{(10)}-m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(22)}m_{310}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(22)}m_{220}^{(10)}+m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(10)}m_{211}^{(11)}-m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(10)}m_{121}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(11)}m_{301}^{(11)}+m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(11)}m_{211}^{(10)}-m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(20)}m_{220}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(20)}m_{130}^{(10)}+m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(21)}m_{310}^{(11)}-m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(21)}m_{220}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{200}^{(11)}m_{112}^{(11)}-m_{000}^{(20)}m_{100}^{(22)}m_{200}^{(11)}m_{022}^{(10)}-2m_{000}^{(20)}m_{100}^{(22)}m_{200}^{(21)}m_{121}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(22)}m_{200}^{(21)}m_{031}^{(10)}+m_{000}^{(20)}m_{100}^{(22)}m_{200}^{(22)}m_{130}^{(11)}-m_{000}^{(20)}m_{100}^{(22)}m_{200}^{(22)}m_{040}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(10)}m_{112}^{(11)}+m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(10)}m_{022}^{(10)}-m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(11)}m_{202}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(11)}m_{112}^{(10)}+m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(20)}m_{121}^{(11)}-m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(20)}m_{031}^{(10)}\\
&+3m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(21)}m_{211}^{(11)}-3m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(21)}m_{121}^{(10)}-2m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(22)}m_{220}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(22)}m_{130}^{(10)}+m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(10)}m_{121}^{(11)}-m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(10)}m_{031}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(11)}m_{211}^{(11)}+m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(11)}m_{121}^{(10)}-m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(20)}m_{130}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(20)}m_{040}^{(10)}+m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(21)}m_{220}^{(11)}-m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(21)}m_{130}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(10)}m_{202}^{(11)}-m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(10)}m_{112}^{(10)}-m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(20)}m_{211}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(20)}m_{121}^{(10)}-m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(21)}m_{301}^{(11)}+m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(21)}m_{211}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(22)}m_{310}^{(11)}-m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(22)}m_{220}^{(10)}-m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(10)}m_{211}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(10)}m_{121}^{(10)}+m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(11)}m_{301}^{(11)}-m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(11)}m_{211}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(20)}m_{220}^{(11)}-m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(20)}m_{130}^{(10)}-m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(21)}m_{310}^{(11)}
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$$+m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(21)}m_{220}^{(10)}+m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(10)}m_{022}^{(22)}-m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(10)}m_{013}^{(21)}$$
$$-m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(11)}m_{112}^{(22)}+m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(11)}m_{103}^{(21)}-m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(11)}m_{013}^{(20)}$$
$$+m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(11)}m_{004}^{(10)}-m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(20)}m_{031}^{(22)}+m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(20)}m_{022}^{(21)}$$
$$+m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(21)}m_{121}^{(22)}-m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(21)}m_{112}^{(21)}+2m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(21)}m_{022}^{(20)}$$
$$-2m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(21)}m_{013}^{(10)}-m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(22)}m_{031}^{(20)}+m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(22)}m_{022}^{(10)}$$
$$-m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(10)}m_{031}^{(22)}+m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(10)}m_{022}^{(21)}+m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(11)}m_{121}^{(22)}$$
$$-m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(11)}m_{112}^{(21)}+m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(11)}m_{022}^{(20)}-m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(11)}m_{013}^{(10)}$$
$$+m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(20)}m_{040}^{(22)}-m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(20)}m_{031}^{(21)}-m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(21)}m_{130}^{(22)}$$
$$+m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(21)}m_{121}^{(21)}-2m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(21)}m_{031}^{(20)}+2m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(21)}m_{022}^{(10)}$$
$$+m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(22)}m_{040}^{(20)}-m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(22)}m_{031}^{(10)}-m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(00)}m_{022}^{(22)}$$
$$+m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(00)}m_{013}^{(21)}+m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(10)}m_{112}^{(22)}-m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(10)}m_{103}^{(21)}$$
$$+m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(10)}m_{013}^{(20)}-m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(10)}m_{004}^{(10)}+m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(20)}m_{121}^{(22)}$$
$$-m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(20)}m_{112}^{(21)}-m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(20)}m_{022}^{(20)}+m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(20)}m_{013}^{(10)}$$
$$-m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(21)}m_{211}^{(22)}+m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(21)}m_{202}^{(21)}-m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(21)}m_{112}^{(20)}$$
$$+m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(21)}m_{103}^{(10)}+m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(22)}m_{121}^{(20)}-m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(22)}m_{112}^{(10)}$$
$$+2m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(00)}m_{031}^{(22)}-2m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(00)}m_{022}^{(21)}-3m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(10)}m_{121}^{(22)}$$
$$+3m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(10)}m_{112}^{(21)}-2m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(10)}m_{022}^{(20)}+2m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(10)}m_{013}^{(10)}$$
$$+m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(11)}m_{211}^{(22)}-m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(11)}m_{202}^{(21)}+m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(11)}m_{112}^{(20)}$$
$$-m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(11)}m_{103}^{(10)}-m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(20)}m_{130}^{(22)}+m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(20)}m_{121}^{(21)}$$
$$+2m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(20)}m_{031}^{(20)}-2m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(20)}m_{022}^{(10)}+m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{220}^{(22)}$$
$$-m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{211}^{(21)}-m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(22)}m_{130}^{(20)}+m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(22)}m_{121}^{(10)}$$
$$-m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(00)}m_{040}^{(22)}+m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(00)}m_{031}^{(21)}+2m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(10)}m_{130}^{(22)}$$
$$-2m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(10)}m_{121}^{(21)}+m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(10)}m_{031}^{(20)}-m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(10)}m_{022}^{(10)}$$
$$-m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(11)}m_{220}^{(22)}+m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(11)}m_{211}^{(21)}-m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(11)}m_{121}^{(20)}$$
$$+m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(11)}m_{112}^{(10)}-m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(20)}m_{040}^{(20)}+m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(20)}m_{031}^{(10)}$$
$$+m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(21)}m_{130}^{(20)}-m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(21)}m_{121}^{(10)}-m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(10)}m_{022}^{(22)}$$
$$+m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(10)}m_{013}^{(21)}+m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(11)}m_{112}^{(22)}-m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(11)}m_{103}^{(21)}$$
$$+m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(11)}m_{013}^{(20)}-m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(11)}m_{004}^{(10)}+m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(20)}m_{031}^{(22)}$$
$$-m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(20)}m_{022}^{(21)}-m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(21)}m_{121}^{(22)}+m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(21)}m_{112}^{(21)}$$
$$-2m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(21)}m_{022}^{(20)}+2m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(21)}m_{013}^{(10)}+m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(22)}m_{031}^{(20)}$$
$$-m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(22)}m_{022}^{(10)}+m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(00)}m_{022}^{(22)}-m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(00)}m_{013}^{(21)}$$
$$-2m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(10)}m_{112}^{(22)}+m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(10)}m_{103}^{(21)}+m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(10)}m_{004}^{(10)}$$
$$+m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(11)}m_{202}^{(22)}-m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(11)}m_{004}^{(00)}+m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(20)}m_{112}^{(21)}$$
$$-m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(20)}m_{013}^{(10)}-m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{202}^{(21)}-m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{103}^{(10)}$$
$$+2m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{013}^{(00)}+m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{112}^{(10)}-m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{022}^{(00)}$$
$$-m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(00)}m_{031}^{(22)}+m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(00)}m_{022}^{(21)}+4m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(10)}m_{121}^{(22)}$$
$$-3m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(10)}m_{112}^{(21)}-m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(10)}m_{013}^{(10)}-3m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(11)}m_{211}^{(22)}$$
$$+2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(11)}m_{202}^{(21)}-2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(11)}m_{112}^{(20)}+2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(11)}m_{103}^{(10)}$$

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\begin{aligned}
&+m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(11)}m_{013}^{(00)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(20)}m_{130}^{(22)} + m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(20)}m_{121}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(20)}m_{022}^{(10)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{220}^{(22)} - m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{211}^{(21)}\\
&+4m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{121}^{(20)} - 3m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{112}^{(10)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{022}^{(00)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(22)}m_{130}^{(20)} + m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(22)}m_{121}^{(10)} + m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(22)}m_{031}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(00)}m_{112}^{(22)} - m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(00)}m_{013}^{(20)} - m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(10)}m_{202}^{(22)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(10)}m_{004}^{(00)} - m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(20)}m_{211}^{(22)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(20)}m_{112}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(20)}m_{013}^{(00)} + m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(21)}m_{301}^{(22)} - m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(21)}m_{103}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(22)}m_{211}^{(20)} + m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(22)}m_{112}^{(00)} - 3m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(00)}m_{121}^{(22)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(00)}m_{112}^{(21)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(00)}m_{022}^{(20)} + 4m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{211}^{(22)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{202}^{(21)} - m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{103}^{(10)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{013}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(11)}m_{301}^{(22)} + m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(11)}m_{103}^{(00)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{220}^{(22)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{211}^{(21)} - 4m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{121}^{(20)} + m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{112}^{(10)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{022}^{(00)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{310}^{(22)} + m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{301}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{202}^{(10)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(22)}m_{220}^{(20)} - m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(22)}m_{211}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(22)}m_{121}^{(00)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(00)}m_{130}^{(22)} - m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(00)}m_{121}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(00)}m_{031}^{(20)} - 4m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{220}^{(22)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{211}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{112}^{(10)} + m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{022}^{(00)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(11)}m_{310}^{(22)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(11)}m_{301}^{(21)} + m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(11)}m_{211}^{(20)} - m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(11)}m_{202}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(11)}m_{112}^{(00)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(20)}m_{130}^{(20)} - m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(20)}m_{121}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(20)}m_{031}^{(00)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(21)}m_{220}^{(20)} + m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(21)}m_{211}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(21)}m_{121}^{(00)} + m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(10)}m_{112}^{(22)} - m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(10)}m_{013}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(11)}m_{202}^{(22)} + m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(11)}m_{004}^{(00)} - m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(20)}m_{121}^{(22)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(20)}m_{022}^{(20)} + m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(21)}m_{211}^{(22)} + m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(21)}m_{112}^{(20)}\\
&-2m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(21)}m_{013}^{(00)} - m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(22)}m_{121}^{(20)} + m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(22)}m_{022}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(00)}m_{112}^{(22)} + m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(00)}m_{013}^{(20)} + m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(10)}m_{202}^{(22)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(10)}m_{004}^{(00)} + m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(20)}m_{211}^{(22)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(20)}m_{112}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(20)}m_{013}^{(00)} - m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(21)}m_{301}^{(22)} + m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(21)}m_{103}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(22)}m_{211}^{(20)} - m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(22)}m_{112}^{(00)} + m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(00)}m_{121}^{(22)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(00)}m_{022}^{(20)} - 3m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(10)}m_{211}^{(22)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(10)}m_{112}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(10)}m_{013}^{(00)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(11)}m_{301}^{(22)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(11)}m_{103}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(20)}m_{220}^{(22)} - m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(20)}m_{022}^{(00)} - m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(21)}m_{310}^{(22)}\\
&-2m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(21)}m_{211}^{(20)} + 3m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(21)}m_{112}^{(00)} + m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(22)}m_{220}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(22)}m_{121}^{(00)} + m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(00)}m_{211}^{(22)} - m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(00)}m_{112}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(10)}m_{301}^{(22)} + m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(10)}m_{103}^{(00)} - m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(20)}m_{310}^{(22)}\\
&+2m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(20)}m_{211}^{(20)} - m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(20)}m_{112}^{(00)} + m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(21)}m_{400}^{(22)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(21)}m_{202}^{(00)} - m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(22)}m_{310}^{(20)} + m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(22)}m_{211}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(00)}m_{220}^{(22)} + m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(00)}m_{121}^{(20)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(10)}m_{310}^{(22)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(10)}m_{211}^{(20)} - m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(10)}m_{112}^{(00)} - m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(11)}m_{400}^{(22)}
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&+m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(11)}m_{202}^{(00)} - m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(20)}m_{220}^{(20)} + m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(20)}m_{121}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(21)}m_{310}^{(20)} - m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(21)}m_{211}^{(00)} + m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(10)}m_{031}^{(22)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(10)}m_{022}^{(21)} - m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(11)}m_{121}^{(22)} + m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(11)}m_{112}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(11)}m_{022}^{(20)} + m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(11)}m_{013}^{(10)} - m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(20)}m_{040}^{(22)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(20)}m_{031}^{(21)} + m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(21)}m_{130}^{(22)} - m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(21)}m_{121}^{(21)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(21)}m_{031}^{(20)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(21)}m_{022}^{(10)} - m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(22)}m_{040}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(22)}m_{031}^{(10)} - m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(00)}m_{031}^{(22)} + m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(00)}m_{022}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(10)}m_{112}^{(21)} - m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(10)}m_{013}^{(10)} + m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(11)}m_{211}^{(22)}\\
&-2m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(11)}m_{202}^{(21)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(11)}m_{112}^{(20)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(11)}m_{103}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(11)}m_{013}^{(00)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(20)}m_{130}^{(22)} - 3m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(20)}m_{121}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(20)}m_{022}^{(10)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{220}^{(22)} + 3m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{211}^{(21)}\\
&-4m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{121}^{(20)} + 5m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{112}^{(10)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{022}^{(00)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(22)}m_{130}^{(20)} - 3m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(22)}m_{121}^{(10)} + m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(22)}m_{031}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(00)}m_{040}^{(22)} - m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(00)}m_{031}^{(21)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(10)}m_{130}^{(22)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(10)}m_{121}^{(21)} + m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(10)}m_{022}^{(10)} + m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(11)}m_{220}^{(22)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(11)}m_{022}^{(00)} + m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(20)}m_{130}^{(21)} - m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(20)}m_{031}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{220}^{(21)} - m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{121}^{(10)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{031}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(22)}m_{130}^{(10)} - m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(22)}m_{040}^{(00)} + m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(00)}m_{121}^{(22)}\\
&-2m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(00)}m_{112}^{(21)} + m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(00)}m_{022}^{(20)} - m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(10)}m_{211}^{(22)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(10)}m_{202}^{(21)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(10)}m_{112}^{(20)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(10)}m_{103}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(10)}m_{013}^{(00)} - m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(20)}m_{220}^{(22)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(20)}m_{211}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(20)}m_{112}^{(10)} + m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(20)}m_{022}^{(00)} + m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(21)}m_{310}^{(22)}\\
&-2m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(21)}m_{301}^{(21)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(21)}m_{211}^{(20)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(21)}m_{202}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(21)}m_{112}^{(00)} - m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(22)}m_{220}^{(20)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(22)}m_{211}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(22)}m_{121}^{(00)} - m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(00)}m_{130}^{(22)} + 3m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(00)}m_{121}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(00)}m_{031}^{(20)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{220}^{(22)} - 5m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{211}^{(21)}\\
&+4m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{121}^{(20)} - 3m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{112}^{(10)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{022}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(11)}m_{310}^{(22)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(11)}m_{301}^{(21)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(11)}m_{211}^{(20)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(11)}m_{202}^{(10)} - m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(11)}m_{112}^{(00)} - m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(20)}m_{220}^{(21)}\\
&+3m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(20)}m_{121}^{(10)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(20)}m_{031}^{(00)} + m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{310}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{211}^{(10)} - m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(22)}m_{220}^{(10)} + m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(22)}m_{130}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(00)}m_{130}^{(21)} + m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(00)}m_{040}^{(20)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(10)}m_{220}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(10)}m_{130}^{(20)} + m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(10)}m_{121}^{(10)} - m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(10)}m_{031}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(11)}m_{310}^{(21)} + m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(11)}m_{220}^{(20)} - m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(11)}m_{211}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(11)}m_{121}^{(00)} - m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(20)}m_{130}^{(10)} + m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(20)}m_{040}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(21)}m_{220}^{(10)} - m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(21)}m_{130}^{(00)} - m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(10)}m_{121}^{(22)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(10)}m_{112}^{(21)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(10)}m_{022}^{(20)} + m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(11)}m_{211}^{(22)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(11)}m_{202}^{(21)} - m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(11)}m_{112}^{(20)} + m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(11)}m_{103}^{(10)}
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&-2m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(11)}m_{013}^{(00)} + m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(20)}m_{130}^{(22)} + m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(20)}m_{121}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(20)}m_{031}^{(20)} - m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{220}^{(22)} - m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{211}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{112}^{(10)} + 4m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{022}^{(00)} + m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(22)}m_{130}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(22)}m_{121}^{(10)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(22)}m_{031}^{(00)} + m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(00)}m_{121}^{(22)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(00)}m_{112}^{(21)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(00)}m_{022}^{(20)} - m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{202}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{103}^{(10)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{013}^{(00)} - m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(11)}m_{301}^{(22)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(11)}m_{103}^{(00)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{220}^{(22)} - m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{211}^{(21)}\\
&+4m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{121}^{(20)} + m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{112}^{(10)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{022}^{(00)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{310}^{(22)} + m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{301}^{(21)} + m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{202}^{(10)}\\
&-4m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{112}^{(00)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(22)}m_{220}^{(20)} - m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(22)}m_{211}^{(10)}\\
&+3m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(22)}m_{121}^{(00)} - m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(00)}m_{130}^{(22)} - m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(00)}m_{121}^{(21)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(00)}m_{031}^{(20)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{220}^{(22)} + 3m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{211}^{(21)}\\
&-4m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{121}^{(20)} + m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{112}^{(10)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{022}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(11)}m_{310}^{(22)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(11)}m_{301}^{(21)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(11)}m_{211}^{(20)}\\
&-2m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(11)}m_{202}^{(10)} + 3m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(11)}m_{112}^{(00)} - m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{220}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{121}^{(10)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{031}^{(00)} + m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{310}^{(21)}\\
&+3m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{211}^{(10)} - 4m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{121}^{(00)} - m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(22)}m_{220}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(22)}m_{130}^{(00)} - m_{000}^{(20)}m_{010}^{(21)}m_{020}^{(00)}m_{211}^{(22)} + m_{000}^{(20)}m_{010}^{(21)}m_{020}^{(00)}m_{112}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{020}^{(10)}m_{301}^{(22)} - m_{000}^{(20)}m_{010}^{(21)}m_{020}^{(10)}m_{103}^{(00)} + m_{000}^{(20)}m_{010}^{(21)}m_{020}^{(20)}m_{310}^{(22)}\\
&-2m_{000}^{(20)}m_{010}^{(21)}m_{020}^{(20)}m_{211}^{(20)} + m_{000}^{(20)}m_{010}^{(21)}m_{020}^{(20)}m_{112}^{(00)} - m_{000}^{(20)}m_{010}^{(21)}m_{020}^{(21)}m_{400}^{(22)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{020}^{(21)}m_{202}^{(00)} + m_{000}^{(20)}m_{010}^{(21)}m_{020}^{(22)}m_{310}^{(20)} - m_{000}^{(20)}m_{010}^{(21)}m_{020}^{(22)}m_{211}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{220}^{(22)} - m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{211}^{(21)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{310}^{(22)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{301}^{(21)} + m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{202}^{(10)} + m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{400}^{(22)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(11)}m_{202}^{(00)} + m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{310}^{(21)} - m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{211}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{400}^{(21)} - m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{301}^{(10)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{211}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(22)}m_{310}^{(10)} - m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(22)}m_{220}^{(00)} + m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(00)}m_{220}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(00)}m_{130}^{(20)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(10)}m_{310}^{(21)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(10)}m_{220}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(10)}m_{211}^{(10)} + m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(10)}m_{121}^{(00)} + m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(11)}m_{400}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(11)}m_{310}^{(20)} + m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(11)}m_{301}^{(10)} - m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(11)}m_{211}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(20)}m_{220}^{(10)} - m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(20)}m_{130}^{(00)} - m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(21)}m_{310}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(21)}m_{220}^{(00)} + m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(10)}m_{121}^{(21)} - m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(10)}m_{031}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(11)}m_{211}^{(21)} + m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(11)}m_{121}^{(20)} - m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(11)}m_{112}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(11)}m_{022}^{(00)} - m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(20)}m_{130}^{(21)} + m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(20)}m_{040}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{220}^{(21)} - m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{130}^{(20)} + 2m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{121}^{(10)}\\
&-2m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{031}^{(00)} - m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(22)}m_{130}^{(10)} + m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(22)}m_{040}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(00)}m_{121}^{(21)} + m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(00)}m_{031}^{(20)} + m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{112}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{022}^{(00)} + m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(11)}m_{301}^{(21)} - m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(11)}m_{211}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(11)}m_{202}^{(10)} - m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(11)}m_{112}^{(00)} + 2m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{220}^{(21)}
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&-2m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{130}^{(20)} - m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{121}^{(10)} + m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{031}^{(00)}\\
&-2m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{310}^{(21)} + 2m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{220}^{(20)} - 3m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{211}^{(10)}\\
&+3m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{121}^{(00)} + 2m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(22)}m_{220}^{(10)} - 2m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(22)}m_{130}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(00)}m_{130}^{(21)} - m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(00)}m_{040}^{(20)} - 2m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(10)}m_{220}^{(21)}\\
&+2m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(10)}m_{130}^{(20)} - m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(10)}m_{121}^{(10)} + m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(10)}m_{031}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(11)}m_{310}^{(21)} - m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(11)}m_{220}^{(20)} + m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(11)}m_{211}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(11)}m_{121}^{(00)} + m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(20)}m_{130}^{(10)} - m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(20)}m_{040}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(21)}m_{220}^{(10)} + m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(21)}m_{130}^{(00)} + m_{000}^{(20)}m_{010}^{(22)}m_{020}^{(00)}m_{211}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(22)}m_{020}^{(00)}m_{121}^{(20)} - m_{000}^{(20)}m_{010}^{(22)}m_{020}^{(10)}m_{301}^{(21)} + m_{000}^{(20)}m_{010}^{(22)}m_{020}^{(10)}m_{211}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(22)}m_{020}^{(10)}m_{202}^{(10)} + m_{000}^{(20)}m_{010}^{(22)}m_{020}^{(10)}m_{112}^{(00)} - m_{000}^{(20)}m_{010}^{(22)}m_{020}^{(20)}m_{310}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{020}^{(20)}m_{220}^{(20)} + m_{000}^{(20)}m_{010}^{(22)}m_{020}^{(20)}m_{211}^{(10)} - m_{000}^{(20)}m_{010}^{(22)}m_{020}^{(20)}m_{121}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{020}^{(21)}m_{400}^{(21)} - m_{000}^{(20)}m_{010}^{(22)}m_{020}^{(21)}m_{310}^{(20)} + m_{000}^{(20)}m_{010}^{(22)}m_{020}^{(21)}m_{301}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(22)}m_{020}^{(21)}m_{211}^{(00)} - m_{000}^{(20)}m_{010}^{(22)}m_{020}^{(22)}m_{310}^{(10)} + m_{000}^{(20)}m_{010}^{(22)}m_{020}^{(22)}m_{220}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(00)}m_{220}^{(21)} + m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(00)}m_{130}^{(20)} + 2m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{310}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{220}^{(20)} + m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{211}^{(10)} - m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{121}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(11)}m_{400}^{(21)} + m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(11)}m_{310}^{(20)} - m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(11)}m_{301}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(11)}m_{211}^{(00)} - m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(20)}m_{220}^{(10)} + m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(20)}m_{130}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(21)}m_{310}^{(10)} - m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(21)}m_{220}^{(00)} - m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(10)}m_{022}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(10)}m_{013}^{(11)} + m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(11)}m_{112}^{(21)} - m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(11)}m_{103}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(20)}m_{031}^{(21)} - m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(20)}m_{022}^{(11)} - m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{121}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{112}^{(11)} + m_{000}^{(20)}m_{001}^{(00)}m_{101}^{(10)}m_{031}^{(21)} - m_{000}^{(20)}m_{001}^{(00)}m_{101}^{(10)}m_{022}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(00)}m_{101}^{(11)}m_{121}^{(21)} + m_{000}^{(20)}m_{001}^{(00)}m_{101}^{(11)}m_{112}^{(11)} - m_{000}^{(20)}m_{001}^{(00)}m_{101}^{(20)}m_{040}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{101}^{(20)}m_{031}^{(11)} + m_{000}^{(20)}m_{001}^{(00)}m_{101}^{(21)}m_{130}^{(21)} - m_{000}^{(20)}m_{001}^{(00)}m_{101}^{(21)}m_{121}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(00)}m_{022}^{(21)} - m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(00)}m_{013}^{(11)} - m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(10)}m_{112}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(10)}m_{103}^{(11)} - m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(20)}m_{121}^{(21)} + m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(20)}m_{112}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{211}^{(21)} - m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{202}^{(11)} - 2m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(00)}m_{031}^{(21)}\\
&+2m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(00)}m_{022}^{(11)} + 3m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{121}^{(21)} - 3m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{112}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{211}^{(21)} + m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{202}^{(11)} + m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(20)}m_{130}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(20)}m_{121}^{(11)} - m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{220}^{(21)} + m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{211}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{002}^{(00)}m_{040}^{(21)} - m_{000}^{(20)}m_{001}^{(00)}m_{002}^{(00)}m_{031}^{(11)} - 2m_{000}^{(20)}m_{001}^{(00)}m_{002}^{(10)}m_{130}^{(21)}\\
&+2m_{000}^{(20)}m_{001}^{(00)}m_{002}^{(10)}m_{121}^{(11)} + m_{000}^{(20)}m_{001}^{(00)}m_{002}^{(11)}m_{220}^{(21)} - m_{000}^{(20)}m_{001}^{(00)}m_{002}^{(11)}m_{211}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(10)}m_{022}^{(21)} - m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(10)}m_{013}^{(11)} - m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(11)}m_{112}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(11)}m_{103}^{(11)} - m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(20)}m_{031}^{(21)} + m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(20)}m_{022}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(21)}m_{121}^{(21)} - m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(21)}m_{112}^{(11)} - m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(00)}m_{022}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(00)}m_{013}^{(11)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{112}^{(21)} - m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{103}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{013}^{(10)} - m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(11)}m_{202}^{(21)} + m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(11)}m_{103}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{112}^{(11)} + m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{022}^{(10)} + m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{202}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{112}^{(10)} + m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(00)}m_{031}^{(21)} - m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(00)}m_{022}^{(11)}
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&-4m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{121}^{(21)}+3m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{112}^{(11)}+m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{022}^{(10)}\\
&+3m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{211}^{(21)}-2m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{202}^{(11)}-m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{112}^{(10)}\\
&+2m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{130}^{(21)}-m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{121}^{(11)}-m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(20)}m_{031}^{(10)}\\
&-2m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{220}^{(21)}+m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{211}^{(11)}+m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{121}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(00)}m_{112}^{(21)}+m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(00)}m_{013}^{(10)}+m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{202}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{103}^{(10)}+m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{211}^{(21)}-m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{112}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{301}^{(21)}+m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{202}^{(10)}+3m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(00)}m_{121}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(00)}m_{112}^{(11)}-2m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(00)}m_{022}^{(10)}-4m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{211}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{202}^{(11)}+3m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{112}^{(10)}+m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{301}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{202}^{(10)}-2m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{220}^{(21)}+m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{211}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{121}^{(10)}+2m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{310}^{(21)}-m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{301}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{211}^{(10)}-2m_{000}^{(20)}m_{001}^{(10)}m_{002}^{(00)}m_{130}^{(21)}+m_{000}^{(20)}m_{001}^{(10)}m_{002}^{(00)}m_{121}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{002}^{(00)}m_{031}^{(10)}+4m_{000}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{220}^{(21)}-2m_{000}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{211}^{(11)}\\
&-2m_{000}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{121}^{(10)}-2m_{000}^{(20)}m_{001}^{(10)}m_{002}^{(11)}m_{310}^{(21)}+m_{000}^{(20)}m_{001}^{(10)}m_{002}^{(11)}m_{301}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{002}^{(11)}m_{211}^{(10)}-m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(10)}m_{112}^{(21)}+m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(10)}m_{013}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(11)}m_{202}^{(21)}-m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(11)}m_{103}^{(10)}+m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(20)}m_{121}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(20)}m_{022}^{(10)}-m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(21)}m_{211}^{(21)}+m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(21)}m_{112}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(00)}m_{112}^{(21)}-m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(00)}m_{013}^{(10)}-m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(10)}m_{202}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(10)}m_{103}^{(10)}-m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{211}^{(21)}+m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{112}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{301}^{(21)}-m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{202}^{(10)}-m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(00)}m_{121}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(00)}m_{022}^{(10)}+3m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{211}^{(21)}-3m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{112}^{(10)}\\
&-2m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(11)}m_{301}^{(21)}+2m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(11)}m_{202}^{(10)}-m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{220}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{121}^{(10)}+m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{310}^{(21)}-m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{211}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(00)}m_{211}^{(21)}+m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(00)}m_{112}^{(10)}+m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{301}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{202}^{(10)}+m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{310}^{(21)}-m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{211}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(21)}m_{400}^{(21)}+m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(21)}m_{301}^{(10)}+m_{000}^{(20)}m_{001}^{(11)}m_{002}^{(00)}m_{220}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{002}^{(00)}m_{121}^{(10)}-2m_{000}^{(20)}m_{001}^{(11)}m_{002}^{(10)}m_{310}^{(21)}+2m_{000}^{(20)}m_{001}^{(11)}m_{002}^{(10)}m_{211}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{002}^{(11)}m_{400}^{(21)}-m_{000}^{(20)}m_{001}^{(11)}m_{002}^{(11)}m_{301}^{(10)}-m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(10)}m_{031}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(10)}m_{022}^{(11)}+m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(11)}m_{121}^{(21)}-m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(11)}m_{112}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(20)}m_{040}^{(21)}-m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(20)}m_{031}^{(11)}-m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(21)}m_{130}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(21)}m_{121}^{(11)}+m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(00)}m_{031}^{(21)}-m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(00)}m_{022}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{112}^{(11)}+m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{022}^{(10)}-m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{211}^{(21)}\\
&+2m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{202}^{(11)}-m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{112}^{(10)}-2m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(20)}m_{130}^{(21)}\\
&+3m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(20)}m_{121}^{(11)}-m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(20)}m_{031}^{(10)}+2m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{220}^{(21)}\\
&-3m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{211}^{(11)}+m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{121}^{(10)}-m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(00)}m_{040}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(00)}m_{031}^{(11)}+2m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{130}^{(21)}-m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{121}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{031}^{(10)}-m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{220}^{(21)}+m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{121}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(20)}m_{130}^{(11)}+m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(20)}m_{040}^{(10)}+m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(21)}m_{220}^{(11)}
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&-m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(21)}m_{130}^{(10)} - m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(00)}m_{121}^{(21)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(00)}m_{112}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(00)}m_{022}^{(10)} + m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{211}^{(21)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{202}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{112}^{(10)} + m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{220}^{(21)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{211}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(20)}m_{121}^{(10)} - m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{310}^{(21)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{301}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{211}^{(10)} + m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(00)}m_{130}^{(21)} - 3m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(00)}m_{121}^{(11)}\\
&+2m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(00)}m_{031}^{(10)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{220}^{(21)} + 5m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{211}^{(11)}\\
&-3m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{121}^{(10)} + m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{310}^{(21)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{301}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{211}^{(10)} + m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(20)}m_{220}^{(11)} - m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(20)}m_{130}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(21)}m_{310}^{(11)} + m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(21)}m_{220}^{(10)} + m_{000}^{(20)}m_{001}^{(20)}m_{002}^{(00)}m_{130}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{002}^{(00)}m_{040}^{(10)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{002}^{(10)}m_{220}^{(11)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{002}^{(10)}m_{130}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{002}^{(11)}m_{310}^{(11)} - m_{000}^{(20)}m_{001}^{(20)}m_{002}^{(11)}m_{220}^{(10)} + m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{121}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{112}^{(11)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{022}^{(10)} - m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{211}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{202}^{(11)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(11)}m_{112}^{(10)} - m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{130}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{121}^{(11)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{031}^{(10)} + m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{220}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{211}^{(11)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(21)}m_{121}^{(10)} - m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{121}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{112}^{(11)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{022}^{(10)} + m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{202}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{112}^{(10)} + m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{301}^{(21)} - m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{202}^{(10)}\\
&+2m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{220}^{(21)} + m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{211}^{(11)} - 3m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{121}^{(10)}\\
&-2m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{310}^{(21)} - m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{301}^{(11)} + 3m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(21)}m_{211}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(00)}m_{130}^{(21)} + m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(00)}m_{121}^{(11)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(00)}m_{031}^{(10)}\\
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&+m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{310}^{(21)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{301}^{(11)} - 3m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(11)}m_{211}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(20)}m_{220}^{(11)} - m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(20)}m_{130}^{(10)} - m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(21)}m_{310}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(21)}m_{220}^{(10)} + m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{211}^{(21)} - m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{112}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{301}^{(21)} + m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{202}^{(10)} - m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{310}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{211}^{(10)} + m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{400}^{(21)} - m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(21)}m_{301}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{220}^{(21)} + m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{211}^{(11)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{310}^{(21)}\\
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&+m_{000}^{(20)}m_{001}^{(21)}m_{002}^{(00)}m_{130}^{(10)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{002}^{(10)}m_{310}^{(11)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{002}^{(10)}m_{220}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{002}^{(11)}m_{400}^{(11)} + m_{000}^{(20)}m_{001}^{(21)}m_{002}^{(11)}m_{310}^{(10)} - m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{121}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(10)}m_{031}^{(10)} + m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{211}^{(11)} - m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(11)}m_{121}^{(10)}\\
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&+m_{000}^{(20)}m_{001}^{(22)}m_{200}^{(21)}m_{130}^{(10)} + m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{121}^{(11)} - m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{031}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{301}^{(11)} + m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{211}^{(10)} - 2m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(20)}m_{220}^{(11)}\\
&+2m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(20)}m_{130}^{(10)} + 2m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(21)}m_{310}^{(11)} - 2m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(21)}m_{220}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(22)}m_{101}^{(00)}m_{130}^{(11)} + m_{000}^{(20)}m_{001}^{(22)}m_{101}^{(00)}m_{040}^{(10)} + 2m_{000}^{(20)}m_{001}^{(22)}m_{101}^{(10)}m_{220}^{(11)}
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&-2m_{000}^{(20)}m_{001}^{(22)}m_{101}^{(10)}m_{130}^{(10)} - m_{000}^{(20)}m_{001}^{(22)}m_{101}^{(11)}m_{310}^{(11)} + m_{000}^{(20)}m_{001}^{(22)}m_{101}^{(11)}m_{220}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{211}^{(11)} + m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{121}^{(10)} + m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{301}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{211}^{(10)} + m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(20)}m_{310}^{(11)} - m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(20)}m_{220}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(21)}m_{400}^{(11)} + m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(21)}m_{310}^{(10)} + m_{000}^{(20)}m_{001}^{(22)}m_{011}^{(00)}m_{220}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(22)}m_{011}^{(00)}m_{130}^{(10)} - 2m_{000}^{(20)}m_{001}^{(22)}m_{011}^{(10)}m_{310}^{(11)} + 2m_{000}^{(20)}m_{001}^{(22)}m_{011}^{(10)}m_{220}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(22)}m_{011}^{(11)}m_{400}^{(11)} - m_{000}^{(20)}m_{001}^{(22)}m_{011}^{(11)}m_{310}^{(10)} - m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(10)}m_{022}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(10)}m_{004}^{(11)} + m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(11)}m_{112}^{(22)} - m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(11)}m_{103}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(20)}m_{031}^{(22)} - m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(20)}m_{013}^{(11)} - m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(21)}m_{121}^{(22)}\\
&+2m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(21)}m_{112}^{(21)} - m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(21)}m_{103}^{(11)} - m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(22)}m_{121}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(22)}m_{112}^{(11)} + m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(10)}m_{031}^{(22)} - m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(10)}m_{013}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(11)}m_{121}^{(22)} + m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(11)}m_{112}^{(21)} - m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(20)}m_{040}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(20)}m_{022}^{(11)} + m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(21)}m_{130}^{(22)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(21)}m_{121}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(21)}m_{112}^{(11)} + m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(22)}m_{130}^{(21)} - m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(22)}m_{121}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(00)}m_{022}^{(22)} - m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(00)}m_{004}^{(11)} - m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(10)}m_{112}^{(22)}\\
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&+2m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(20)}m_{103}^{(11)} + m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(21)}m_{211}^{(22)} - m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(21)}m_{202}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(22)}m_{211}^{(21)} - m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(22)}m_{202}^{(11)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(00)}m_{031}^{(22)}\\
&+2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(00)}m_{013}^{(11)} + 3m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(10)}m_{121}^{(22)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(10)}m_{112}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(10)}m_{103}^{(11)} - m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(11)}m_{211}^{(22)} + m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(11)}m_{202}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(20)}m_{130}^{(22)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(20)}m_{121}^{(21)} - 3m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(20)}m_{112}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(21)}m_{220}^{(22)} + m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(21)}m_{202}^{(11)} - m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(22)}m_{220}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(22)}m_{211}^{(11)} + m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(00)}m_{040}^{(22)} - m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(00)}m_{022}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(10)}m_{130}^{(22)} + m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(10)}m_{121}^{(21)} + m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(10)}m_{112}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(11)}m_{220}^{(22)} - m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(11)}m_{211}^{(21)} - m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(20)}m_{130}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(20)}m_{121}^{(11)} + m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(21)}m_{220}^{(21)} - m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(21)}m_{211}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(10)}m_{022}^{(22)} - m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(10)}m_{004}^{(11)} - m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(11)}m_{112}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(11)}m_{103}^{(21)} - m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(20)}m_{031}^{(22)} + m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(20)}m_{013}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(21)}m_{121}^{(22)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(21)}m_{112}^{(21)} + m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(21)}m_{103}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(22)}m_{121}^{(21)} - m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(22)}m_{112}^{(11)} - m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(00)}m_{022}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(00)}m_{004}^{(11)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(10)}m_{112}^{(22)} - m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(10)}m_{013}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(10)}m_{004}^{(10)} - m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(11)}m_{202}^{(22)} + m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(11)}m_{103}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(20)}m_{103}^{(11)} + m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(20)}m_{022}^{(20)} + m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(20)}m_{013}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(21)}m_{112}^{(20)} + m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(21)}m_{103}^{(10)} + m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(22)}m_{202}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(22)}m_{112}^{(10)} + m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(00)}m_{031}^{(22)} - m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(00)}m_{013}^{(11)}\\
&-4m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(10)}m_{121}^{(22)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(10)}m_{103}^{(11)} + m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(10)}m_{022}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(10)}m_{013}^{(10)} + 3m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(11)}m_{211}^{(22)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(11)}m_{202}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(11)}m_{112}^{(20)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(20)}m_{130}^{(22)} - m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(20)}m_{031}^{(20)}\\
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&-2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(21)}m_{202}^{(11)}+m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(21)}m_{121}^{(20)}-m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(21)}m_{112}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(22)}m_{220}^{(21)}+m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(22)}m_{211}^{(11)}+m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(22)}m_{121}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(00)}m_{112}^{(22)}-m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(00)}m_{103}^{(21)}+m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(00)}m_{013}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(00)}m_{004}^{(10)}+m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(10)}m_{202}^{(22)}-m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(10)}m_{103}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(20)}m_{211}^{(22)}+2m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(20)}m_{202}^{(21)}-m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(20)}m_{112}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(20)}m_{103}^{(10)}-m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(21)}m_{301}^{(22)}+m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(21)}m_{202}^{(20)}\\
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&+2m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(00)}m_{112}^{(21)}-m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(00)}m_{103}^{(11)}-2m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(00)}m_{022}^{(20)}\\
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&+m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(20)}m_{112}^{(21)}-m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(20)}m_{022}^{(20)}-m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(20)}m_{013}^{(10)}\\
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&+m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(00)}m_{112}^{(22)}+m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(00)}m_{103}^{(21)}-m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(00)}m_{013}^{(20)}\\
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&+2m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(20)}m_{103}^{(10)}+m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(21)}m_{301}^{(22)}-m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(21)}m_{202}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(22)}m_{301}^{(21)}-m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(22)}m_{202}^{(10)}-m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(00)}m_{121}^{(22)}\\
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&+3m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(10)}m_{211}^{(22)}+2m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(10)}m_{202}^{(21)}-3m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(10)}m_{112}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(10)}m_{103}^{(10)}-2m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(11)}m_{301}^{(22)}+2m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(11)}m_{202}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(20)}m_{220}^{(22)}+m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(20)}m_{121}^{(20)}+m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(21)}m_{310}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(21)}m_{301}^{(21)}-m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(21)}m_{211}^{(20)}+2m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(21)}m_{202}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(22)}m_{310}^{(21)}-m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(22)}m_{211}^{(10)}-m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(00)}m_{211}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(00)}m_{202}^{(21)}+m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(00)}m_{112}^{(20)}+m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(00)}m_{103}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(10)}m_{301}^{(22)}-m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(10)}m_{202}^{(20)}+m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(20)}m_{310}^{(22)}
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&+2m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(20)}m_{301}^{(21)} - m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(20)}m_{211}^{(20)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(20)}m_{202}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(21)}m_{400}^{(22)} + m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(21)}m_{301}^{(20)} - m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(22)}m_{400}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(22)}m_{301}^{(10)} + m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(00)}m_{220}^{(22)} + m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(00)}m_{211}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(00)}m_{121}^{(20)} - m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(00)}m_{112}^{(10)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(10)}m_{310}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(10)}m_{301}^{(21)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(10)}m_{211}^{(20)} + m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(10)}m_{202}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(11)}m_{400}^{(22)} - m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(11)}m_{301}^{(20)} - m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(20)}m_{310}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(20)}m_{211}^{(10)} + m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(21)}m_{400}^{(21)} - m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(21)}m_{301}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(10)}m_{031}^{(22)} + m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(10)}m_{013}^{(11)} + m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(11)}m_{121}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(11)}m_{112}^{(21)} + m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(20)}m_{040}^{(22)} - m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(20)}m_{022}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(21)}m_{130}^{(22)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(21)}m_{121}^{(21)} - m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(21)}m_{112}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(22)}m_{130}^{(21)} + m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(22)}m_{121}^{(11)} + m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(00)}m_{031}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(00)}m_{013}^{(11)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(10)}m_{103}^{(11)} + m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(10)}m_{022}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(10)}m_{013}^{(10)} - m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(11)}m_{211}^{(22)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(11)}m_{202}^{(21)}\\
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&-m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(20)}m_{031}^{(20)} - m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(20)}m_{022}^{(10)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(21)}m_{220}^{(22)}\\
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&-m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(21)}m_{112}^{(10)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(22)}m_{220}^{(21)} - 3m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(22)}m_{211}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(22)}m_{121}^{(10)} - m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(00)}m_{040}^{(22)} + m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(00)}m_{022}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(10)}m_{130}^{(22)} - m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(10)}m_{031}^{(20)} - m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(10)}m_{022}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(11)}m_{220}^{(22)} + m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(11)}m_{121}^{(20)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(20)}m_{121}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(20)}m_{040}^{(20)} + m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(20)}m_{031}^{(10)} - m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(21)}m_{130}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(21)}m_{121}^{(10)} + m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(22)}m_{220}^{(11)} - m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(22)}m_{130}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(00)}m_{121}^{(22)} + m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(00)}m_{112}^{(21)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(00)}m_{103}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(00)}m_{022}^{(20)} - m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(00)}m_{013}^{(10)} + m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(10)}m_{211}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(10)}m_{202}^{(21)} + m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(10)}m_{112}^{(20)} + m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(20)}m_{220}^{(22)}\\
&-4m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(20)}m_{202}^{(11)} + m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(20)}m_{121}^{(20)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(20)}m_{112}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(21)}m_{310}^{(22)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(21)}m_{301}^{(21)} - m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(21)}m_{211}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(22)}m_{310}^{(21)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(22)}m_{301}^{(11)} - m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(22)}m_{211}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(00)}m_{130}^{(22)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(00)}m_{121}^{(21)} - 3m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(00)}m_{112}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(00)}m_{031}^{(20)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(00)}m_{022}^{(10)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(10)}m_{220}^{(22)}\\
&+4m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(10)}m_{211}^{(21)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(10)}m_{202}^{(11)} - 3m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(10)}m_{121}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(10)}m_{112}^{(10)} + m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(11)}m_{310}^{(22)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(11)}m_{301}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(11)}m_{211}^{(20)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(20)}m_{211}^{(11)} - m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(20)}m_{130}^{(20)}\\
&-3m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(20)}m_{121}^{(10)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(21)}m_{301}^{(11)} + m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(21)}m_{220}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(21)}m_{211}^{(10)} - m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(22)}m_{310}^{(11)} + m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(22)}m_{220}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(00)}m_{130}^{(21)} + m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(00)}m_{121}^{(11)} - m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(00)}m_{040}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(00)}m_{031}^{(10)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(10)}m_{220}^{(21)} - m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(10)}m_{211}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(10)}m_{130}^{(20)} + m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(10)}m_{121}^{(10)} + m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(11)}m_{310}^{(21)}
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&-m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(11)}m_{220}^{(20)} - m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(20)}m_{220}^{(11)} + m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(20)}m_{130}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(21)}m_{310}^{(11)} - m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(21)}m_{220}^{(10)} + m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(10)}m_{121}^{(22)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(10)}m_{112}^{(21)} + m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(10)}m_{103}^{(11)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(10)}m_{022}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(10)}m_{013}^{(10)} - m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(11)}m_{211}^{(22)} - m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(11)}m_{202}^{(21)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(11)}m_{112}^{(20)} - m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(20)}m_{130}^{(22)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(20)}m_{121}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(20)}m_{112}^{(11)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(20)}m_{031}^{(20)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(20)}m_{022}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(21)}m_{220}^{(22)} - m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(21)}m_{202}^{(11)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(21)}m_{121}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(21)}m_{112}^{(10)} + m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(22)}m_{220}^{(21)} + m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(22)}m_{211}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(22)}m_{121}^{(10)} - m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(00)}m_{121}^{(22)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(00)}m_{112}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(00)}m_{103}^{(11)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(00)}m_{022}^{(20)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(00)}m_{013}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(10)}m_{112}^{(20)} + m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(10)}m_{103}^{(10)} + m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(11)}m_{301}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(11)}m_{202}^{(20)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(20)}m_{220}^{(22)} + 4m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(20)}m_{211}^{(21)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(20)}m_{202}^{(11)} - 3m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(20)}m_{121}^{(20)} - 5m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(20)}m_{112}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(21)}m_{310}^{(22)} + 3m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(21)}m_{211}^{(20)} - m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(21)}m_{202}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(22)}m_{310}^{(21)} - m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(22)}m_{301}^{(11)} + 3m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(22)}m_{211}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(00)}m_{130}^{(22)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(00)}m_{121}^{(21)} + m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(00)}m_{112}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(00)}m_{031}^{(20)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(00)}m_{022}^{(10)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(10)}m_{220}^{(22)}\\
&-4m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(10)}m_{211}^{(21)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(10)}m_{202}^{(11)} + 5m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(10)}m_{121}^{(20)}\\
&+3m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(10)}m_{112}^{(10)} + m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(11)}m_{310}^{(22)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(11)}m_{301}^{(21)}\\
&-3m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(11)}m_{211}^{(20)} - m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(20)}m_{130}^{(20)} + m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(20)}m_{121}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(21)}m_{301}^{(11)} + m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(21)}m_{220}^{(20)} - 3m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(21)}m_{211}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(22)}m_{310}^{(11)} + m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(22)}m_{220}^{(10)} + m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(00)}m_{211}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(00)}m_{202}^{(21)} - m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(00)}m_{112}^{(20)} - m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(00)}m_{103}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(10)}m_{301}^{(22)} + m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(10)}m_{202}^{(20)} - m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(20)}m_{310}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(20)}m_{301}^{(21)} + m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(20)}m_{211}^{(20)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(20)}m_{202}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(21)}m_{400}^{(22)} - m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(21)}m_{301}^{(20)} + m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(22)}m_{400}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(22)}m_{301}^{(10)} - m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(00)}m_{220}^{(22)} + m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(00)}m_{202}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(10)}m_{310}^{(22)} - m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(10)}m_{211}^{(20)} - m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(10)}m_{202}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(11)}m_{400}^{(22)} + m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(11)}m_{301}^{(20)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(20)}m_{301}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(20)}m_{220}^{(20)} + m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(20)}m_{211}^{(10)} - m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(21)}m_{310}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(21)}m_{301}^{(10)} + m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(22)}m_{400}^{(11)} - m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(22)}m_{310}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(00)}m_{220}^{(21)} - m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(00)}m_{211}^{(11)} + m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(00)}m_{130}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(00)}m_{121}^{(10)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(10)}m_{310}^{(21)} + m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(10)}m_{301}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(10)}m_{220}^{(20)} - m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(10)}m_{211}^{(10)} - m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(11)}m_{400}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(11)}m_{310}^{(20)} + m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(20)}m_{310}^{(11)} - m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(20)}m_{220}^{(10)}\\
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&+m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(11)}m_{211}^{(21)} - m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(11)}m_{121}^{(20)} + m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(20)}m_{130}^{(21)}
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&+m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(20)}m_{121}^{(11)} - m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(20)}m_{040}^{(20)} - m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(20)}m_{031}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(21)}m_{220}^{(21)} + m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(21)}m_{211}^{(11)} + m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(21)}m_{130}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(21)}m_{121}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(22)}m_{220}^{(11)} + m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(22)}m_{130}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(00)}m_{121}^{(21)} + m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(00)}m_{112}^{(11)} - m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(00)}m_{031}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(00)}m_{022}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{202}^{(11)} - m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{112}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(11)}m_{301}^{(21)} + m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(11)}m_{211}^{(20)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(20)}m_{220}^{(21)}\\
&-3m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(20)}m_{211}^{(11)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(20)}m_{130}^{(20)} + 3m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(20)}m_{121}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(21)}m_{310}^{(21)} - m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(21)}m_{301}^{(11)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(21)}m_{220}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(21)}m_{211}^{(10)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(22)}m_{310}^{(11)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(22)}m_{220}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(00)}m_{130}^{(21)} - m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(00)}m_{121}^{(11)} + m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(00)}m_{040}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(00)}m_{031}^{(10)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(10)}m_{220}^{(21)} + m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(10)}m_{211}^{(11)}\\
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&+m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(11)}m_{220}^{(20)} + m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(20)}m_{220}^{(11)} - m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(20)}m_{130}^{(10)}\\
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&+m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(10)}m_{301}^{(21)} - m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(10)}m_{211}^{(20)} + m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(20)}m_{310}^{(21)}\\
&+2m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(20)}m_{301}^{(11)} - m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(20)}m_{220}^{(20)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(20)}m_{211}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(21)}m_{400}^{(21)} + m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(21)}m_{310}^{(20)} - m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(22)}m_{400}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(22)}m_{310}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(00)}m_{220}^{(21)} + m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(00)}m_{211}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(00)}m_{130}^{(20)} - m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(00)}m_{121}^{(10)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(10)}m_{310}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(10)}m_{301}^{(11)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(10)}m_{220}^{(20)} + m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(10)}m_{211}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(11)}m_{400}^{(21)} - m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(11)}m_{310}^{(20)} - m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(20)}m_{310}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(20)}m_{220}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(21)}m_{400}^{(11)} - m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(21)}m_{310}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(10)}m_{013}^{(20)} - m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(10)}m_{004}^{(10)} - m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(20)}m_{022}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(20)}m_{013}^{(10)} - m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(21)}m_{112}^{(20)} + m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(21)}m_{103}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(22)}m_{121}^{(20)} - m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(22)}m_{112}^{(10)} - m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(10)}m_{022}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(10)}m_{013}^{(10)} + m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(20)}m_{031}^{(20)} - m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(20)}m_{022}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(21)}m_{121}^{(20)} - m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(21)}m_{112}^{(10)} - m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(22)}m_{130}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(22)}m_{121}^{(10)} - m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(00)}m_{013}^{(20)} + m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(00)}m_{004}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(20)}m_{112}^{(20)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(20)}m_{103}^{(10)} - m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(22)}m_{211}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(22)}m_{202}^{(10)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(00)}m_{022}^{(20)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(00)}m_{013}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(10)}m_{112}^{(20)} + m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(10)}m_{103}^{(10)} - 3m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(20)}m_{121}^{(20)}\\
&+3m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(20)}m_{112}^{(10)} + m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(21)}m_{211}^{(20)} - m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(21)}m_{202}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(22)}m_{220}^{(20)} - m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(22)}m_{211}^{(10)} - m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(00)}m_{031}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(00)}m_{022}^{(10)} + m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(10)}m_{121}^{(20)} - m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(10)}m_{112}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(20)}m_{130}^{(20)} - m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(20)}m_{121}^{(10)} - m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(21)}m_{220}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(21)}m_{211}^{(10)} - m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(10)}m_{013}^{(20)} + m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(10)}m_{004}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(20)}m_{022}^{(20)} - m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(20)}m_{013}^{(10)} + m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(21)}m_{112}^{(20)}
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&-m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(21)}m_{103}^{(10)} - m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(22)}m_{121}^{(20)} + m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(22)}m_{112}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(00)}m_{013}^{(20)} - m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(00)}m_{004}^{(10)} - m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(10)}m_{103}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(10)}m_{004}^{(00)} - m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{112}^{(20)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{103}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{013}^{(00)} + m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(21)}m_{202}^{(20)} - m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(21)}m_{103}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(22)}m_{202}^{(10)} + m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(22)}m_{112}^{(00)} - m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(00)}m_{022}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(00)}m_{013}^{(10)} + 3m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(10)}m_{112}^{(20)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(10)}m_{103}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(10)}m_{013}^{(00)} - m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{121}^{(20)} + m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{022}^{(00)}\\
&-3m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{211}^{(20)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{202}^{(10)} + m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{112}^{(00)}\\
&+2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(22)}m_{220}^{(20)} - m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(22)}m_{211}^{(10)} - m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(22)}m_{121}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{020}^{(00)}m_{103}^{(20)} - m_{000}^{(21)}m_{010}^{(10)}m_{020}^{(00)}m_{004}^{(00)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{020}^{(20)}m_{202}^{(20)}\\
&+2m_{000}^{(21)}m_{010}^{(10)}m_{020}^{(20)}m_{103}^{(00)} + m_{000}^{(21)}m_{010}^{(10)}m_{020}^{(22)}m_{301}^{(20)} - m_{000}^{(21)}m_{010}^{(10)}m_{020}^{(22)}m_{202}^{(00)}\\
&-3m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(00)}m_{112}^{(20)} + m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(00)}m_{103}^{(10)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(00)}m_{013}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(10)}m_{202}^{(20)} - m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(10)}m_{103}^{(00)} + 5m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{211}^{(20)}\\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{202}^{(10)} - 3m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{112}^{(00)} - m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(21)}m_{301}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(21)}m_{202}^{(00)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(22)}m_{310}^{(20)} + m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(22)}m_{301}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(22)}m_{211}^{(00)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(00)}m_{121}^{(20)} - m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(00)}m_{112}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(00)}m_{022}^{(00)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{211}^{(20)} + m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{202}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{112}^{(00)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(20)}m_{220}^{(20)} + m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(20)}m_{211}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(20)}m_{121}^{(00)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(21)}m_{310}^{(20)} - m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(21)}m_{301}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(21)}m_{211}^{(00)} + m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(10)}m_{103}^{(20)} - m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(10)}m_{004}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(20)}m_{112}^{(20)} + m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(20)}m_{013}^{(00)} - m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(21)}m_{202}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(21)}m_{103}^{(00)} + m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(22)}m_{211}^{(20)} - m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(22)}m_{112}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(11)}m_{110}^{(00)}m_{103}^{(20)} + m_{000}^{(21)}m_{010}^{(11)}m_{110}^{(00)}m_{004}^{(00)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{110}^{(20)}m_{202}^{(20)}\\
&-2m_{000}^{(21)}m_{010}^{(11)}m_{110}^{(20)}m_{103}^{(00)} - m_{000}^{(21)}m_{010}^{(11)}m_{110}^{(22)}m_{301}^{(20)} + m_{000}^{(21)}m_{010}^{(11)}m_{110}^{(22)}m_{202}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(00)}m_{112}^{(20)} - m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(00)}m_{013}^{(00)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(10)}m_{202}^{(20)}\\
&+2m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(10)}m_{103}^{(00)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(21)}m_{301}^{(20)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(21)}m_{202}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(22)}m_{310}^{(20)} + m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(22)}m_{211}^{(00)} + m_{000}^{(21)}m_{010}^{(11)}m_{011}^{(00)}m_{202}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(11)}m_{011}^{(00)}m_{103}^{(00)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{011}^{(20)}m_{301}^{(20)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{011}^{(20)}m_{202}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(11)}m_{011}^{(22)}m_{400}^{(20)} - m_{000}^{(21)}m_{010}^{(11)}m_{011}^{(22)}m_{301}^{(00)} - m_{000}^{(21)}m_{010}^{(11)}m_{002}^{(00)}m_{211}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(11)}m_{002}^{(00)}m_{112}^{(00)} + m_{000}^{(21)}m_{010}^{(11)}m_{002}^{(10)}m_{301}^{(20)} - m_{000}^{(21)}m_{010}^{(11)}m_{002}^{(10)}m_{202}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(11)}m_{002}^{(20)}m_{310}^{(20)} - m_{000}^{(21)}m_{010}^{(11)}m_{002}^{(20)}m_{211}^{(00)} - m_{000}^{(21)}m_{010}^{(11)}m_{002}^{(21)}m_{400}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(11)}m_{002}^{(21)}m_{301}^{(00)} + m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(10)}m_{022}^{(20)} - m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(10)}m_{013}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(20)}m_{031}^{(20)} + m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(20)}m_{022}^{(10)} - m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{121}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{112}^{(10)} + m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(22)}m_{130}^{(20)} - m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(22)}m_{121}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(00)}m_{022}^{(20)} + m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(00)}m_{013}^{(10)} - m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(10)}m_{112}^{(20)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(10)}m_{103}^{(10)} - m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(10)}m_{013}^{(00)} + 3m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{121}^{(20)}\\
&-4m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{112}^{(10)} + m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{022}^{(00)} + m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{211}^{(20)}\\
&-2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{202}^{(10)} + m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{112}^{(00)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(22)}m_{220}^{(20)}
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&+3m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(22)}m_{211}^{(10)} - m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(22)}m_{121}^{(00)} + m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(00)}m_{031}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(00)}m_{022}^{(10)} - m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{121}^{(20)} + m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{022}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{130}^{(20)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{121}^{(10)} - m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{031}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{220}^{(20)} - m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{121}^{(00)} - m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(22)}m_{220}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(22)}m_{130}^{(00)} + m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(00)}m_{112}^{(20)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(00)}m_{103}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(00)}m_{013}^{(00)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(20)}m_{211}^{(20)} + 4m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(20)}m_{202}^{(10)}\\
&-2m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(20)}m_{112}^{(00)} + m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(22)}m_{310}^{(20)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(22)}m_{301}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(22)}m_{211}^{(00)} - m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{121}^{(20)} + 3m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{112}^{(10)}\\
&-2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{022}^{(00)} + m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{211}^{(20)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{202}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{112}^{(00)} + m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{220}^{(20)} - 4m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{211}^{(10)}\\
&+3m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{121}^{(00)} - m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(21)}m_{310}^{(20)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(21)}m_{301}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(21)}m_{211}^{(00)} + m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(22)}m_{310}^{(10)} - m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(22)}m_{220}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(00)}m_{121}^{(10)} + m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(00)}m_{031}^{(00)} + m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(10)}m_{211}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(10)}m_{121}^{(00)} + m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(20)}m_{220}^{(10)} - m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(20)}m_{130}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(21)}m_{310}^{(10)} + m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(21)}m_{220}^{(00)} - m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(10)}m_{112}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(10)}m_{103}^{(10)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(10)}m_{013}^{(00)} + m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{121}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{112}^{(10)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{022}^{(00)} + m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(21)}m_{211}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(21)}m_{202}^{(10)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(21)}m_{112}^{(00)} - m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(22)}m_{220}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(22)}m_{211}^{(10)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(22)}m_{121}^{(00)} + m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(00)}m_{112}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(00)}m_{103}^{(10)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(00)}m_{013}^{(00)} + m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(10)}m_{202}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(10)}m_{103}^{(00)} - 3m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(20)}m_{211}^{(20)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(20)}m_{202}^{(10)}\\
&+5m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(20)}m_{112}^{(00)} - m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(21)}m_{301}^{(20)} + m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(21)}m_{202}^{(00)}\\
&+2m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(22)}m_{310}^{(20)} + m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(22)}m_{301}^{(10)} - 3m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(22)}m_{211}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{121}^{(20)} - m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{112}^{(10)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{022}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{211}^{(20)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{202}^{(10)} - 3m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{112}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{220}^{(20)} - m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{121}^{(00)} - m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(21)}m_{310}^{(20)}\\
&-2m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(21)}m_{301}^{(10)} + 3m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(21)}m_{211}^{(00)} + m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(22)}m_{310}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(22)}m_{220}^{(00)} - m_{000}^{(21)}m_{010}^{(21)}m_{020}^{(00)}m_{202}^{(20)} + m_{000}^{(21)}m_{010}^{(21)}m_{020}^{(00)}m_{103}^{(00)}\\
&+2m_{000}^{(21)}m_{010}^{(21)}m_{020}^{(20)}m_{301}^{(20)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{020}^{(20)}m_{202}^{(00)} - m_{000}^{(21)}m_{010}^{(21)}m_{020}^{(22)}m_{400}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(21)}m_{020}^{(22)}m_{301}^{(00)} + m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(00)}m_{211}^{(20)} - m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(00)}m_{202}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(10)}m_{301}^{(20)} + m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(10)}m_{202}^{(00)} - m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(20)}m_{310}^{(20)}\\
&+2m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(20)}m_{301}^{(10)} - m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(20)}m_{211}^{(00)} + m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(21)}m_{400}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(21)}m_{301}^{(00)} - m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(22)}m_{400}^{(10)} + m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(22)}m_{310}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(21)}m_{002}^{(00)}m_{211}^{(10)} - m_{000}^{(21)}m_{010}^{(21)}m_{002}^{(00)}m_{121}^{(00)} - m_{000}^{(21)}m_{010}^{(21)}m_{002}^{(10)}m_{301}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(21)}m_{002}^{(10)}m_{211}^{(00)} - m_{000}^{(21)}m_{010}^{(21)}m_{002}^{(20)}m_{310}^{(10)} + m_{000}^{(21)}m_{010}^{(21)}m_{002}^{(20)}m_{220}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(21)}m_{002}^{(21)}m_{400}^{(10)} - m_{000}^{(21)}m_{010}^{(21)}m_{002}^{(21)}m_{310}^{(00)} + m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{112}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{022}^{(00)} - m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{121}^{(10)} + m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{031}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{211}^{(10)} + m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{121}^{(00)} + m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(22)}m_{220}^{(10)}
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&-m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(22)}m_{130}^{(00)} - m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(00)}m_{112}^{(10)} + m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(00)}m_{022}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{202}^{(10)} + m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{112}^{(00)} + 3m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{211}^{(10)}\\
&-3m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{121}^{(00)} + m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(21)}m_{301}^{(10)} - m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(21)}m_{211}^{(00)}\\
&-2m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(22)}m_{310}^{(10)} + 2m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(22)}m_{220}^{(00)} + m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(00)}m_{121}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(00)}m_{031}^{(00)} - m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{211}^{(10)} + m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{121}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(20)}m_{220}^{(10)} + m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(20)}m_{130}^{(00)} + m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(21)}m_{310}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(21)}m_{220}^{(00)} + m_{000}^{(21)}m_{010}^{(22)}m_{020}^{(00)}m_{202}^{(10)} - m_{000}^{(21)}m_{010}^{(22)}m_{020}^{(00)}m_{112}^{(00)}\\
&-2m_{000}^{(21)}m_{010}^{(22)}m_{020}^{(20)}m_{301}^{(10)} + 2m_{000}^{(21)}m_{010}^{(22)}m_{020}^{(20)}m_{211}^{(00)} + m_{000}^{(21)}m_{010}^{(22)}m_{020}^{(22)}m_{400}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(22)}m_{020}^{(22)}m_{310}^{(00)} - m_{000}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{211}^{(10)} + m_{000}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{121}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(22)}m_{011}^{(10)}m_{301}^{(10)} - m_{000}^{(21)}m_{010}^{(22)}m_{011}^{(10)}m_{211}^{(00)} + m_{000}^{(21)}m_{010}^{(22)}m_{011}^{(20)}m_{310}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(22)}m_{011}^{(20)}m_{220}^{(00)} - m_{000}^{(21)}m_{010}^{(22)}m_{011}^{(21)}m_{400}^{(10)} + m_{000}^{(21)}m_{010}^{(22)}m_{011}^{(21)}m_{310}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(10)}m_{022}^{(20)} - m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(10)}m_{013}^{(10)} - m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(11)}m_{112}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(11)}m_{103}^{(10)} - m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{031}^{(20)} + m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{022}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{121}^{(20)} - m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{112}^{(10)} - m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(10)}m_{031}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(10)}m_{022}^{(10)} + m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(11)}m_{121}^{(20)} - m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(11)}m_{112}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(20)}m_{040}^{(20)} - m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(20)}m_{031}^{(10)} - m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{130}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{121}^{(10)} - m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(00)}m_{022}^{(20)} + m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(00)}m_{013}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(10)}m_{112}^{(20)} - m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(10)}m_{103}^{(10)} + m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(20)}m_{121}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(20)}m_{112}^{(10)} - m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(21)}m_{211}^{(20)} + m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(21)}m_{202}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(00)}m_{031}^{(20)} - 2m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(00)}m_{022}^{(10)} - 3m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{121}^{(20)}\\
&+3m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{112}^{(10)} + m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(11)}m_{211}^{(20)} - m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(11)}m_{202}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{130}^{(20)} + m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{121}^{(10)} + m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{220}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{211}^{(10)} - m_{000}^{(21)}m_{001}^{(00)}m_{002}^{(00)}m_{040}^{(20)} + m_{000}^{(21)}m_{001}^{(00)}m_{002}^{(00)}m_{031}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(00)}m_{002}^{(10)}m_{130}^{(20)} - 2m_{000}^{(21)}m_{001}^{(00)}m_{002}^{(10)}m_{121}^{(10)} - m_{000}^{(21)}m_{001}^{(00)}m_{002}^{(11)}m_{220}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{002}^{(11)}m_{211}^{(10)} - m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(10)}m_{022}^{(20)} + m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(10)}m_{013}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(11)}m_{112}^{(20)} - m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(11)}m_{103}^{(10)} + m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{031}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{022}^{(10)} - m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{121}^{(20)} + m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{112}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(00)}m_{022}^{(20)} - m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(00)}m_{013}^{(10)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{112}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{103}^{(10)} + m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{013}^{(00)} + m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(11)}m_{202}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(11)}m_{103}^{(00)} + m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{112}^{(10)} - m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{022}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{202}^{(10)} + m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{112}^{(00)} - m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{031}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{022}^{(10)} + 4m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{121}^{(20)} - 3m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{112}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{022}^{(00)} - 3m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(11)}m_{211}^{(20)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(11)}m_{202}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(11)}m_{112}^{(00)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{130}^{(20)} + m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{121}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{031}^{(00)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{220}^{(20)} - m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{211}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{121}^{(00)} + m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(00)}m_{112}^{(20)} - m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(00)}m_{013}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(10)}m_{202}^{(20)} + m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(10)}m_{103}^{(00)} - m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(20)}m_{211}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(20)}m_{112}^{(00)} + m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(21)}m_{301}^{(20)} - m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(21)}m_{202}^{(00)}
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&-3m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{121}^{(20)} + m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{112}^{(10)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{022}^{(00)}\\
&+4m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{211}^{(20)} - m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{202}^{(10)} - 3m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{112}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(11)}m_{301}^{(20)} + m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(11)}m_{202}^{(00)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{220}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{211}^{(10)} - m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{121}^{(00)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{310}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{301}^{(10)} + m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{211}^{(00)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(00)}m_{130}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(00)}m_{121}^{(10)} - m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(00)}m_{031}^{(00)} - 4m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{220}^{(20)}\\
&+2m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{211}^{(10)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{121}^{(00)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(11)}m_{310}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(11)}m_{301}^{(10)} - m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(11)}m_{211}^{(00)} + m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{112}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{013}^{(00)} - m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(11)}m_{202}^{(20)} + m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(11)}m_{103}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{121}^{(20)} + m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{022}^{(00)} + m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{211}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{112}^{(00)} - m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(00)}m_{112}^{(20)} + m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(00)}m_{013}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(10)}m_{202}^{(20)} - m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(10)}m_{103}^{(00)} + m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{211}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{112}^{(00)} - m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(21)}m_{301}^{(20)} + m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(21)}m_{202}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{121}^{(20)} - m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{022}^{(00)} - 3m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{211}^{(20)}\\
&+3m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{112}^{(00)} + 2m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(11)}m_{301}^{(20)} - 2m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(11)}m_{202}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{220}^{(20)} - m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{121}^{(00)} - m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{310}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(21)}m_{211}^{(00)} + m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(00)}m_{211}^{(20)} - m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(00)}m_{112}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(10)}m_{301}^{(20)} + m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(10)}m_{202}^{(00)} - m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(20)}m_{310}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(20)}m_{211}^{(00)} + m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(21)}m_{400}^{(20)} - m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(21)}m_{301}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{002}^{(00)}m_{220}^{(20)} + m_{000}^{(21)}m_{001}^{(11)}m_{002}^{(00)}m_{121}^{(00)} + 2m_{000}^{(21)}m_{001}^{(11)}m_{002}^{(10)}m_{310}^{(20)}\\
&-2m_{000}^{(21)}m_{001}^{(11)}m_{002}^{(10)}m_{211}^{(00)} - m_{000}^{(21)}m_{001}^{(11)}m_{002}^{(11)}m_{400}^{(20)} + m_{000}^{(21)}m_{001}^{(11)}m_{002}^{(11)}m_{301}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{031}^{(20)} - m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{022}^{(10)} - m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{121}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{112}^{(10)} - m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{040}^{(20)} + m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{031}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{130}^{(20)} - m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{121}^{(10)} - m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{031}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{022}^{(10)} + m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{112}^{(10)} - m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{022}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{211}^{(20)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{202}^{(10)} + m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{112}^{(00)}\\
&+2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{130}^{(20)} - 3m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{121}^{(10)} + m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{031}^{(00)}\\
&-2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{220}^{(20)} + 3m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{211}^{(10)} - m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{121}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(00)}m_{040}^{(20)} - m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(00)}m_{031}^{(10)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{130}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{121}^{(10)} + m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{031}^{(00)} + m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{220}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{121}^{(00)} + m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(20)}m_{130}^{(10)} - m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(20)}m_{040}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(21)}m_{220}^{(10)} + m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(21)}m_{130}^{(00)} + m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{121}^{(20)}\\
&-2m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{112}^{(10)} + m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{022}^{(00)} - m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{211}^{(20)}\\
&+2m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{202}^{(10)} - m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{112}^{(00)} - m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{220}^{(20)}\\
&+2m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{211}^{(10)} - m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{121}^{(00)} + m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(21)}m_{310}^{(20)}\\
&-2m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(21)}m_{301}^{(10)} + m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(21)}m_{211}^{(00)} - m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{130}^{(20)}\\
&+3m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{121}^{(10)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{031}^{(00)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{220}^{(20)}\\
&-5m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{211}^{(10)} + 3m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{121}^{(00)} - m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(11)}m_{310}^{(20)}
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$$+2m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(11)}m_{301}^{(10)} - m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(11)}m_{211}^{(00)} - m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(20)}m_{220}^{(10)}$$
$$+m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(20)}m_{130}^{(00)} + m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(21)}m_{310}^{(10)} - m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(21)}m_{220}^{(00)}$$
$$-m_{000}^{(21)}m_{001}^{(20)}m_{002}^{(00)}m_{130}^{(10)} + m_{000}^{(21)}m_{001}^{(20)}m_{002}^{(00)}m_{040}^{(00)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{002}^{(10)}m_{220}^{(10)}$$
$$-2m_{000}^{(21)}m_{001}^{(20)}m_{002}^{(10)}m_{130}^{(00)} - m_{000}^{(21)}m_{001}^{(20)}m_{002}^{(11)}m_{310}^{(10)} + m_{000}^{(21)}m_{001}^{(20)}m_{002}^{(11)}m_{220}^{(00)}$$
$$-m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{121}^{(20)} - m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{112}^{(10)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{022}^{(00)}$$
$$+m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(11)}m_{211}^{(20)} + m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(11)}m_{202}^{(10)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(11)}m_{112}^{(00)}$$
$$+m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{130}^{(20)} + m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{121}^{(10)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{031}^{(00)}$$
$$-m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{220}^{(20)} - m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{211}^{(10)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{121}^{(00)}$$
$$+m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{121}^{(20)} + m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{112}^{(10)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{022}^{(00)}$$
$$-m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{202}^{(10)} + m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{112}^{(00)} - m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(11)}m_{301}^{(20)}$$
$$+m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(11)}m_{202}^{(00)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{220}^{(20)} - m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{211}^{(10)}$$
$$+3m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{121}^{(00)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{310}^{(20)} + m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{301}^{(10)}$$
$$-3m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(21)}m_{211}^{(00)} - m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{130}^{(20)} - m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{121}^{(10)}$$
$$+2m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{031}^{(00)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{220}^{(20)} + 3m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{211}^{(10)}$$
$$-5m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{121}^{(00)} - m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(11)}m_{310}^{(20)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(11)}m_{301}^{(10)}$$
$$+3m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(11)}m_{211}^{(00)} - m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(20)}m_{220}^{(10)} + m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(20)}m_{130}^{(00)}$$
$$+m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(21)}m_{310}^{(10)} - m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(21)}m_{220}^{(00)} - m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(00)}m_{211}^{(20)}$$
$$+m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(00)}m_{112}^{(00)} + m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(10)}m_{301}^{(20)} - m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(10)}m_{202}^{(00)}$$
$$+m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{310}^{(20)} - m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{211}^{(00)} - m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(21)}m_{400}^{(20)}$$
$$+m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(21)}m_{301}^{(00)} + m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{220}^{(20)} - m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{211}^{(10)}$$
$$-2m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{310}^{(20)} + m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{301}^{(10)} + m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{211}^{(00)}$$
$$+m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(11)}m_{400}^{(20)} - m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(11)}m_{301}^{(00)} + m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(20)}m_{310}^{(10)}$$
$$-m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(20)}m_{220}^{(00)} - m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(21)}m_{400}^{(10)} + m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(21)}m_{310}^{(00)}$$
$$+m_{000}^{(21)}m_{001}^{(21)}m_{002}^{(00)}m_{220}^{(10)} - m_{000}^{(21)}m_{001}^{(21)}m_{002}^{(00)}m_{130}^{(00)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{002}^{(10)}m_{310}^{(10)}$$
$$+2m_{000}^{(21)}m_{001}^{(21)}m_{002}^{(10)}m_{220}^{(00)} + m_{000}^{(21)}m_{001}^{(21)}m_{002}^{(11)}m_{400}^{(10)} - m_{000}^{(21)}m_{001}^{(21)}m_{002}^{(11)}m_{310}^{(00)}$$
$$+m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{121}^{(10)} - m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{031}^{(00)} - m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{211}^{(10)}$$
$$+m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{121}^{(00)} - m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(20)}m_{130}^{(10)} + m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(20)}m_{040}^{(00)}$$
$$+m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(21)}m_{220}^{(10)} - m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(21)}m_{130}^{(00)} - m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{121}^{(10)}$$
$$+m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{031}^{(00)} + m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(11)}m_{301}^{(10)} - m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(11)}m_{211}^{(00)}$$
$$+2m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(20)}m_{220}^{(10)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(20)}m_{130}^{(00)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(21)}m_{310}^{(10)}$$
$$+2m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(21)}m_{220}^{(00)} + m_{000}^{(21)}m_{001}^{(22)}m_{101}^{(00)}m_{130}^{(10)} - m_{000}^{(21)}m_{001}^{(22)}m_{101}^{(00)}m_{040}^{(00)}$$
$$-2m_{000}^{(21)}m_{001}^{(22)}m_{101}^{(10)}m_{220}^{(10)} + 2m_{000}^{(21)}m_{001}^{(22)}m_{101}^{(10)}m_{130}^{(00)} + m_{000}^{(21)}m_{001}^{(22)}m_{101}^{(11)}m_{310}^{(10)}$$
$$-m_{000}^{(21)}m_{001}^{(22)}m_{101}^{(11)}m_{220}^{(00)} + m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{211}^{(10)} - m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(00)}m_{121}^{(00)}$$
$$-m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{301}^{(10)} + m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(10)}m_{211}^{(00)} - m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(20)}m_{310}^{(10)}$$
$$+m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(20)}m_{220}^{(00)} + m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(21)}m_{400}^{(10)} - m_{000}^{(21)}m_{001}^{(22)}m_{020}^{(21)}m_{310}^{(00)}$$
$$-m_{000}^{(21)}m_{001}^{(22)}m_{011}^{(00)}m_{220}^{(10)} + m_{000}^{(21)}m_{001}^{(22)}m_{011}^{(00)}m_{130}^{(00)} + 2m_{000}^{(21)}m_{001}^{(22)}m_{011}^{(10)}m_{310}^{(10)}$$
$$-2m_{000}^{(21)}m_{001}^{(22)}m_{011}^{(10)}m_{220}^{(00)} - m_{000}^{(21)}m_{001}^{(22)}m_{011}^{(11)}m_{400}^{(10)} + m_{000}^{(21)}m_{001}^{(22)}m_{011}^{(11)}m_{310}^{(00)}$$
$$+m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(10)}m_{022}^{(21)} - m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(10)}m_{013}^{(11)} - m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(11)}m_{112}^{(21)}$$

$$+m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(11)}m_{103}^{(11)} - m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(20)}m_{031}^{(21)} + m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(20)}m_{022}^{(11)}$$
$$+m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(21)}m_{121}^{(21)} - m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(21)}m_{112}^{(11)} - m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(10)}m_{031}^{(21)}$$
$$+m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(10)}m_{022}^{(11)} + m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(11)}m_{121}^{(21)} - m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(11)}m_{112}^{(11)}$$
$$+m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(20)}m_{040}^{(21)} - m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(20)}m_{031}^{(11)} - m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(21)}m_{130}^{(21)}$$
$$+m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(21)}m_{121}^{(11)} - m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(00)}m_{022}^{(21)} + m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(00)}m_{013}^{(11)}$$
$$+m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(10)}m_{112}^{(21)} - m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(10)}m_{103}^{(11)} + m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(20)}m_{121}^{(21)}$$
$$-m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(20)}m_{112}^{(11)} - m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(21)}m_{211}^{(21)} + m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(21)}m_{202}^{(11)}$$
$$+2m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(00)}m_{031}^{(21)} - 2m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(00)}m_{022}^{(11)} - 3m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(10)}m_{121}^{(21)}$$
$$+3m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(10)}m_{112}^{(11)} + m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(11)}m_{211}^{(21)} - m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(11)}m_{202}^{(11)}$$
$$-m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(20)}m_{130}^{(21)} + m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(20)}m_{121}^{(11)} + m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(21)}m_{220}^{(21)}$$
$$-m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(21)}m_{211}^{(11)} - m_{000}^{(22)}m_{100}^{(00)}m_{002}^{(00)}m_{040}^{(21)} + m_{000}^{(22)}m_{100}^{(00)}m_{002}^{(00)}m_{031}^{(11)}$$
$$+2m_{000}^{(22)}m_{100}^{(00)}m_{002}^{(10)}m_{130}^{(21)} - 2m_{000}^{(22)}m_{100}^{(00)}m_{002}^{(10)}m_{121}^{(11)} - m_{000}^{(22)}m_{100}^{(00)}m_{002}^{(11)}m_{220}^{(21)}$$
$$+m_{000}^{(22)}m_{100}^{(00)}m_{002}^{(11)}m_{211}^{(11)} - m_{000}^{(22)}m_{100}^{(10)}m_{200}^{(10)}m_{022}^{(21)} + m_{000}^{(22)}m_{100}^{(10)}m_{200}^{(10)}m_{013}^{(11)}$$
$$+m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{200}^{(21)}m_{112}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{200}^{(11)}m_{103}^{(11)} + m_{000}^{(22)}m_{100}^{(10)}m_{200}^{(20)}m_{031}^{(21)}$$
$$-m_{000}^{(22)}m_{100}^{(10)}m_{200}^{(20)}m_{022}^{(11)} - m_{000}^{(22)}m_{100}^{(10)}m_{200}^{(21)}m_{121}^{(21)} + m_{000}^{(22)}m_{100}^{(10)}m_{200}^{(21)}m_{112}^{(11)}$$
$$+m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(00)}m_{022}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(00)}m_{013}^{(11)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(10)}m_{112}^{(21)}$$
$$+m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(10)}m_{103}^{(11)} + m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(10)}m_{013}^{(10)} + m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(11)}m_{202}^{(21)}$$
$$-m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(11)}m_{103}^{(10)} + m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(20)}m_{112}^{(11)} - m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(20)}m_{022}^{(10)}$$
$$-m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(21)}m_{202}^{(11)} + m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(21)}m_{112}^{(10)} - m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(00)}m_{031}^{(21)}$$
$$+m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(00)}m_{022}^{(11)} + 4m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(10)}m_{121}^{(21)} - 3m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(10)}m_{112}^{(11)}$$
$$-m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(10)}m_{022}^{(10)} - 3m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(11)}m_{211}^{(21)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(11)}m_{202}^{(11)}$$
$$+m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(11)}m_{112}^{(10)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(20)}m_{130}^{(21)} + m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(20)}m_{121}^{(11)}$$
$$+m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(20)}m_{031}^{(10)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(21)}m_{220}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(21)}m_{211}^{(11)}$$
$$-m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(21)}m_{121}^{(10)} + m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(00)}m_{112}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(00)}m_{013}^{(10)}$$
$$-m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(10)}m_{202}^{(21)} + m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(10)}m_{103}^{(10)} - m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(20)}m_{211}^{(21)}$$
$$+m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(20)}m_{112}^{(10)} + m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(21)}m_{301}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(21)}m_{202}^{(10)}$$
$$-3m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(00)}m_{121}^{(21)} + m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(00)}m_{112}^{(11)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(00)}m_{022}^{(10)}$$
$$+4m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(10)}m_{211}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(10)}m_{202}^{(11)} - 3m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(10)}m_{112}^{(10)}$$
$$-m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(11)}m_{301}^{(21)} + m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(11)}m_{202}^{(10)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(20)}m_{220}^{(21)}$$
$$-m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(20)}m_{211}^{(11)} - m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(20)}m_{121}^{(10)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(21)}m_{310}^{(21)}$$
$$+m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(21)}m_{301}^{(11)} + m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(21)}m_{211}^{(10)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(00)}m_{130}^{(21)}$$
$$-m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(00)}m_{121}^{(11)} - m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(00)}m_{031}^{(10)} - 4m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(10)}m_{220}^{(21)}$$
$$+2m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(10)}m_{211}^{(11)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(10)}m_{121}^{(10)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(11)}m_{310}^{(21)}$$
$$-m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(11)}m_{301}^{(11)} - m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(11)}m_{211}^{(10)} + m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(10)}m_{112}^{(21)}$$
$$-m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(10)}m_{013}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(11)}m_{202}^{(21)} + m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(11)}m_{103}^{(10)}$$
$$-m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(20)}m_{121}^{(21)} + m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(20)}m_{022}^{(10)} + m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(21)}m_{211}^{(21)}$$
$$-m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(21)}m_{112}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(00)}m_{112}^{(21)} + m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(00)}m_{013}^{(10)}$$
$$+m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(10)}m_{202}^{(21)} - m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(10)}m_{103}^{(10)} + m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(20)}m_{211}^{(21)}$$

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\begin{aligned}
&-m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(20)}m_{112}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(21)}m_{301}^{(21)} + m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(21)}m_{202}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(00)}m_{121}^{(21)} - m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(00)}m_{022}^{(10)} - 3m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(10)}m_{211}^{(21)}\\
&+3m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(10)}m_{112}^{(10)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(11)}m_{301}^{(21)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(11)}m_{202}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(20)}m_{220}^{(21)} - m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(20)}m_{121}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(21)}m_{310}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(21)}m_{211}^{(10)} + m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(00)}m_{211}^{(21)} - m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(00)}m_{112}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(10)}m_{301}^{(21)} + m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(10)}m_{202}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(20)}m_{310}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(20)}m_{211}^{(10)} + m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(21)}m_{400}^{(21)} - m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(21)}m_{301}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(00)}m_{220}^{(21)} + m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(00)}m_{121}^{(10)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(10)}m_{310}^{(21)}\\
&-2m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(10)}m_{211}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(11)}m_{400}^{(21)} + m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(11)}m_{301}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{200}^{(10)}m_{031}^{(21)} - m_{000}^{(22)}m_{100}^{(20)}m_{200}^{(10)}m_{022}^{(11)} - m_{000}^{(22)}m_{100}^{(20)}m_{200}^{(11)}m_{121}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{200}^{(11)}m_{112}^{(11)} - m_{000}^{(22)}m_{100}^{(20)}m_{200}^{(20)}m_{040}^{(21)} + m_{000}^{(22)}m_{100}^{(20)}m_{200}^{(20)}m_{031}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{200}^{(21)}m_{130}^{(21)} - m_{000}^{(22)}m_{100}^{(20)}m_{200}^{(21)}m_{121}^{(11)} - m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(00)}m_{031}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(00)}m_{022}^{(11)} + m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(10)}m_{112}^{(11)} - m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(10)}m_{022}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(11)}m_{211}^{(21)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(11)}m_{202}^{(11)} + m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(11)}m_{112}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(20)}m_{130}^{(21)} - 3m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(20)}m_{121}^{(11)} + m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(20)}m_{031}^{(10)}\\
&-2m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(21)}m_{220}^{(21)} + 3m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(21)}m_{211}^{(11)} - m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(21)}m_{121}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(00)}m_{040}^{(21)} - m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(00)}m_{031}^{(11)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(10)}m_{130}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(10)}m_{121}^{(11)} + m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(10)}m_{031}^{(10)} + m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(11)}m_{220}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(11)}m_{121}^{(10)} + m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(20)}m_{130}^{(11)} - m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(20)}m_{040}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(21)}m_{220}^{(11)} + m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(21)}m_{130}^{(10)} + m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(00)}m_{121}^{(21)}\\
&-2m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(00)}m_{112}^{(11)} + m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(00)}m_{022}^{(10)} - m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(10)}m_{211}^{(21)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(10)}m_{202}^{(11)} - m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(10)}m_{112}^{(10)} - m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(20)}m_{220}^{(21)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(20)}m_{211}^{(11)} - m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(20)}m_{121}^{(10)} + m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(21)}m_{310}^{(21)}\\
&-2m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(21)}m_{301}^{(11)} + m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(21)}m_{211}^{(10)} - m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(00)}m_{130}^{(21)}\\
&+3m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(00)}m_{121}^{(11)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(00)}m_{031}^{(10)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(10)}m_{220}^{(21)}\\
&-5m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(10)}m_{211}^{(11)} + 3m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(10)}m_{121}^{(10)} - m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(11)}m_{310}^{(21)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(11)}m_{301}^{(11)} - m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(11)}m_{211}^{(10)} - m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(20)}m_{220}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(20)}m_{130}^{(10)} + m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(21)}m_{310}^{(11)} - m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(21)}m_{220}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{002}^{(00)}m_{130}^{(11)} + m_{000}^{(22)}m_{100}^{(20)}m_{002}^{(00)}m_{040}^{(10)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{002}^{(10)}m_{220}^{(11)}\\
&-2m_{000}^{(22)}m_{100}^{(20)}m_{002}^{(10)}m_{130}^{(10)} - m_{000}^{(22)}m_{100}^{(20)}m_{002}^{(11)}m_{310}^{(11)} + m_{000}^{(22)}m_{100}^{(20)}m_{002}^{(11)}m_{220}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(10)}m_{121}^{(21)} - m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(10)}m_{112}^{(11)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(10)}m_{022}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(11)}m_{211}^{(21)} + m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(11)}m_{202}^{(11)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(11)}m_{112}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(20)}m_{130}^{(21)} + m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(20)}m_{121}^{(11)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(20)}m_{031}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(21)}m_{220}^{(21)} - m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(21)}m_{211}^{(11)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(21)}m_{121}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(00)}m_{121}^{(21)} + m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(00)}m_{112}^{(11)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(00)}m_{022}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(10)}m_{202}^{(11)} + m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(10)}m_{112}^{(10)} - m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(11)}m_{301}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(11)}m_{202}^{(10)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(20)}m_{220}^{(21)} - m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(20)}m_{211}^{(11)}\\
&+3m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(20)}m_{121}^{(10)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(21)}m_{310}^{(21)} + m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(21)}m_{301}^{(11)}
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&-3m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(21)}m_{211}^{(10)} - m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(00)}m_{130}^{(21)} - m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(00)}m_{121}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(00)}m_{031}^{(10)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(10)}m_{220}^{(21)} + 3m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(10)}m_{211}^{(11)}\\
&-5m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(10)}m_{121}^{(10)} - m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(11)}m_{310}^{(21)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(11)}m_{301}^{(11)}\\
&+3m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(11)}m_{211}^{(10)} - m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(20)}m_{220}^{(11)} + m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(20)}m_{130}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(21)}m_{310}^{(11)} - m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(21)}m_{220}^{(10)} - m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(00)}m_{211}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(00)}m_{112}^{(10)} + m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(10)}m_{301}^{(21)} - m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(10)}m_{202}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(20)}m_{310}^{(21)} - m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(20)}m_{211}^{(10)} - m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(21)}m_{400}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(21)}m_{301}^{(10)} + m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(00)}m_{220}^{(21)} - m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(00)}m_{211}^{(11)}\\
&-2m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(10)}m_{310}^{(21)} + m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(10)}m_{301}^{(11)} + m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(10)}m_{211}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(11)}m_{400}^{(21)} - m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(11)}m_{301}^{(10)} + m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(20)}m_{310}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(20)}m_{220}^{(10)} - m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(21)}m_{400}^{(11)} + m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(21)}m_{310}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{002}^{(00)}m_{220}^{(11)} - m_{000}^{(22)}m_{100}^{(21)}m_{002}^{(00)}m_{130}^{(10)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{002}^{(10)}m_{310}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(21)}m_{002}^{(10)}m_{220}^{(10)} + m_{000}^{(22)}m_{100}^{(21)}m_{002}^{(11)}m_{400}^{(11)} - m_{000}^{(22)}m_{100}^{(21)}m_{002}^{(11)}m_{310}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(22)}m_{200}^{(10)}m_{121}^{(11)} - m_{000}^{(22)}m_{100}^{(22)}m_{200}^{(10)}m_{031}^{(10)} - m_{000}^{(22)}m_{100}^{(22)}m_{200}^{(11)}m_{211}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(22)}m_{200}^{(11)}m_{121}^{(10)} - m_{000}^{(22)}m_{100}^{(22)}m_{200}^{(20)}m_{130}^{(11)} + m_{000}^{(22)}m_{100}^{(22)}m_{200}^{(20)}m_{040}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(22)}m_{200}^{(21)}m_{220}^{(11)} - m_{000}^{(22)}m_{100}^{(22)}m_{200}^{(21)}m_{130}^{(10)} - m_{000}^{(22)}m_{100}^{(22)}m_{110}^{(00)}m_{121}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(22)}m_{110}^{(00)}m_{031}^{(10)} + m_{000}^{(22)}m_{100}^{(22)}m_{110}^{(11)}m_{301}^{(11)} - m_{000}^{(22)}m_{100}^{(22)}m_{110}^{(11)}m_{211}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(22)}m_{110}^{(20)}m_{220}^{(11)} - 2m_{000}^{(22)}m_{100}^{(22)}m_{110}^{(20)}m_{130}^{(10)} - 2m_{000}^{(22)}m_{100}^{(22)}m_{110}^{(21)}m_{310}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(22)}m_{110}^{(21)}m_{220}^{(10)} + m_{000}^{(22)}m_{100}^{(22)}m_{101}^{(00)}m_{130}^{(11)} - m_{000}^{(22)}m_{100}^{(22)}m_{101}^{(00)}m_{040}^{(10)}\\
&-2m_{000}^{(22)}m_{100}^{(22)}m_{101}^{(10)}m_{220}^{(11)} + 2m_{000}^{(22)}m_{100}^{(22)}m_{101}^{(10)}m_{130}^{(10)} + m_{000}^{(22)}m_{100}^{(22)}m_{101}^{(11)}m_{310}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(22)}m_{101}^{(11)}m_{220}^{(10)} + m_{000}^{(22)}m_{100}^{(22)}m_{020}^{(00)}m_{211}^{(11)} - m_{000}^{(22)}m_{100}^{(22)}m_{020}^{(00)}m_{121}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(22)}m_{020}^{(10)}m_{301}^{(11)} + m_{000}^{(22)}m_{100}^{(22)}m_{020}^{(10)}m_{211}^{(10)} - m_{000}^{(22)}m_{100}^{(22)}m_{020}^{(20)}m_{310}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(22)}m_{020}^{(20)}m_{220}^{(10)} + m_{000}^{(22)}m_{100}^{(22)}m_{020}^{(21)}m_{400}^{(11)} - m_{000}^{(22)}m_{100}^{(22)}m_{020}^{(21)}m_{310}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(22)}m_{011}^{(00)}m_{220}^{(11)} + m_{000}^{(22)}m_{100}^{(22)}m_{011}^{(00)}m_{130}^{(10)} + 2m_{000}^{(22)}m_{100}^{(22)}m_{011}^{(10)}m_{310}^{(11)}\\
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&-m_{000}^{(22)}m_{010}^{(00)}m_{020}^{(10)}m_{112}^{(20)} + m_{000}^{(22)}m_{010}^{(00)}m_{020}^{(10)}m_{103}^{(10)} - m_{000}^{(22)}m_{010}^{(00)}m_{020}^{(20)}m_{121}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{020}^{(20)}m_{112}^{(10)} + m_{000}^{(22)}m_{010}^{(00)}m_{020}^{(21)}m_{211}^{(20)} - m_{000}^{(22)}m_{010}^{(00)}m_{020}^{(21)}m_{202}^{(10)}\\
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&+m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(20)}m_{130}^{(20)} - m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(20)}m_{121}^{(10)} - m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(21)}m_{220}^{(20)}\\
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&-m_{000}^{(22)}m_{010}^{(00)}m_{002}^{(11)}m_{211}^{(10)}+m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(10)}m_{022}^{(20)}-m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(10)}m_{013}^{(10)}\\
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&+2m_{000}^{(22)}m_{010}^{(11)}m_{002}^{(10)}m_{211}^{(00)}+m_{000}^{(22)}m_{010}^{(11)}m_{002}^{(11)}m_{400}^{(20)}-m_{000}^{(22)}m_{010}^{(11)}m_{002}^{(11)}m_{301}^{(00)}\\
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&-m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(00)}m_{022}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(10)}m_{112}^{(10)} + m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(10)}m_{022}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(11)}m_{211}^{(20)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(11)}m_{202}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(11)}m_{112}^{(00)}\\
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&+2m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(21)}m_{220}^{(20)} - 3m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(21)}m_{211}^{(10)} + m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(21)}m_{121}^{(00)}\\
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&+2m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(00)}m_{112}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(00)}m_{022}^{(00)} + m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(10)}m_{211}^{(20)}\\
&-2m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(10)}m_{202}^{(10)} + m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(10)}m_{112}^{(00)} + m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(20)}m_{220}^{(20)}\\
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&+2m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(21)}m_{301}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(21)}m_{211}^{(00)} + m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(00)}m_{130}^{(20)}\\
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&+m_{000}^{(22)}m_{010}^{(20)}m_{002}^{(00)}m_{130}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}m_{002}^{(00)}m_{040}^{(00)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{002}^{(10)}m_{220}^{(10)}\\
&+2m_{000}^{(22)}m_{010}^{(20)}m_{002}^{(10)}m_{130}^{(00)} + m_{000}^{(22)}m_{010}^{(20)}m_{002}^{(11)}m_{310}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}m_{002}^{(11)}m_{220}^{(00)}\\
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&-m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(11)}m_{211}^{(20)} - m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(11)}m_{202}^{(10)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(11)}m_{112}^{(00)}\\
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&+m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(21)}m_{220}^{(20)} + m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(21)}m_{211}^{(10)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(21)}m_{121}^{(00)}\\
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&+3m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(21)}m_{211}^{(00)} + m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(00)}m_{130}^{(20)} + m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(00)}m_{121}^{(10)}\\
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&-m_{000}^{(22)}m_{010}^{(22)}m_{200}^{(10)}m_{121}^{(10)} + m_{000}^{(22)}m_{010}^{(22)}m_{200}^{(10)}m_{031}^{(00)} + m_{000}^{(22)}m_{010}^{(22)}m_{200}^{(11)}m_{211}^{(10)}\\
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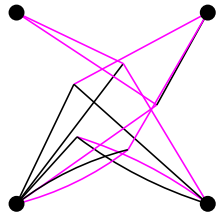
&-m_{000}^{(22)}m_{010}^{(22)}m_{110}^{(00)}m_{031}^{(00)} - m_{000}^{(22)}m_{010}^{(22)}m_{110}^{(11)}m_{301}^{(10)} + m_{000}^{(22)}m_{010}^{(22)}m_{110}^{(11)}m_{211}^{(00)}\\
&-2m_{000}^{(22)}m_{010}^{(22)}m_{110}^{(20)}m_{220}^{(10)} + 2m_{000}^{(22)}m_{010}^{(22)}m_{110}^{(20)}m_{130}^{(00)} + 2m_{000}^{(22)}m_{010}^{(22)}m_{110}^{(21)}m_{310}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(22)}m_{110}^{(21)}m_{220}^{(00)} - m_{000}^{(22)}m_{010}^{(22)}m_{101}^{(00)}m_{130}^{(10)} + m_{000}^{(22)}m_{010}^{(22)}m_{101}^{(00)}m_{040}^{(00)}\\
&+2m_{000}^{(22)}m_{010}^{(22)}m_{101}^{(10)}m_{220}^{(10)} - 2m_{000}^{(22)}m_{010}^{(22)}m_{101}^{(10)}m_{130}^{(00)} - m_{000}^{(22)}m_{010}^{(22)}m_{101}^{(11)}m_{310}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(22)}m_{101}^{(11)}m_{220}^{(00)} - m_{000}^{(22)}m_{010}^{(22)}m_{020}^{(00)}m_{211}^{(10)} + m_{000}^{(22)}m_{010}^{(22)}m_{020}^{(00)}m_{121}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(22)}m_{020}^{(10)}m_{301}^{(10)} - m_{000}^{(22)}m_{010}^{(22)}m_{020}^{(10)}m_{211}^{(00)} + m_{000}^{(22)}m_{010}^{(22)}m_{020}^{(20)}m_{310}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(22)}m_{020}^{(20)}m_{220}^{(00)} - m_{000}^{(22)}m_{010}^{(22)}m_{020}^{(21)}m_{400}^{(10)} + m_{000}^{(22)}m_{010}^{(22)}m_{020}^{(21)}m_{310}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(22)}m_{011}^{(00)}m_{220}^{(10)} - m_{000}^{(22)}m_{010}^{(22)}m_{011}^{(00)}m_{130}^{(00)} - 2m_{000}^{(22)}m_{010}^{(22)}m_{011}^{(10)}m_{310}^{(10)}\\
&+2m_{000}^{(22)}m_{010}^{(22)}m_{011}^{(10)}m_{220}^{(00)} + m_{000}^{(22)}m_{010}^{(22)}m_{011}^{(11)}m_{400}^{(10)} - m_{000}^{(22)}m_{010}^{(22)}m_{011}^{(11)}m_{310}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{ccccc}
V1 & V1 & 1 & 1 & 1\\
1 & V2 & V2 & V3 & V4\\
V3 & 3 & V4 & 4 & 4
\end{array}
$$



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\begin{aligned}
T_{169} \;=\;& -m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(10)}m_{022}^{(22)} + 2m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(10)}m_{013}^{(21)} - m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(10)}m_{004}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(11)}m_{112}^{(22)} - m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(11)}m_{103}^{(21)} - m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(11)}m_{013}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(11)}m_{004}^{(10)} + m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(20)}m_{031}^{(22)} - 2m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(20)}m_{022}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(20)}m_{013}^{(11)} - m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(21)}m_{121}^{(22)} + m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(21)}m_{103}^{(11)}\\
&+2m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(21)}m_{022}^{(20)} - 2m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(21)}m_{013}^{(10)} + m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(22)}m_{121}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(22)}m_{112}^{(11)} - m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(22)}m_{031}^{(20)} + m_{000}^{(00)}m_{010}^{(00)}m_{011}^{(22)}m_{022}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(00)}m_{002}^{(10)}m_{031}^{(22)} - 2m_{000}^{(00)}m_{010}^{(00)}m_{002}^{(10)}m_{022}^{(21)} + m_{000}^{(00)}m_{010}^{(00)}m_{002}^{(10)}m_{013}^{(11)}\\
&-m_{000}^{(00)}m_{010}^{(00)}m_{002}^{(11)}m_{121}^{(22)} + m_{000}^{(00)}m_{010}^{(00)}m_{002}^{(11)}m_{112}^{(21)} + m_{000}^{(00)}m_{010}^{(00)}m_{002}^{(11)}m_{022}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(00)}m_{002}^{(11)}m_{013}^{(10)} - m_{000}^{(00)}m_{010}^{(00)}m_{002}^{(20)}m_{040}^{(22)} + 2m_{000}^{(00)}m_{010}^{(00)}m_{002}^{(20)}m_{031}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(00)}m_{002}^{(20)}m_{022}^{(11)} + m_{000}^{(00)}m_{010}^{(00)}m_{002}^{(21)}m_{130}^{(22)} - m_{000}^{(00)}m_{010}^{(00)}m_{002}^{(21)}m_{112}^{(11)}
\end{aligned}
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\begin{aligned}
&-2m_{000}^{(00)}m_{010}^{(00)}m_{002}^{(21)}m_{031}^{(20)}+2m_{000}^{(00)}m_{010}^{(00)}m_{002}^{(21)}m_{022}^{(10)}-m_{000}^{(00)}m_{010}^{(00)}m_{002}^{(22)}m_{130}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(00)}m_{002}^{(22)}m_{121}^{(11)}+m_{000}^{(00)}m_{010}^{(00)}m_{002}^{(22)}m_{040}^{(20)}-m_{000}^{(00)}m_{010}^{(00)}m_{002}^{(22)}m_{031}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(00)}m_{022}^{(22)}-2m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(00)}m_{013}^{(21)}+m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(00)}m_{004}^{(11)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(11)}m_{202}^{(22)}+2m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(11)}m_{103}^{(20)}-m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(11)}m_{004}^{(00)}\\
&-2m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(20)}m_{121}^{(22)}+4m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(20)}m_{112}^{(21)}-2m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(20)}m_{103}^{(11)}\\
&+2m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{211}^{(22)}-4m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{112}^{(20)}+2m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{013}^{(00)}\\
&-2m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(22)}m_{211}^{(21)}+m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(22)}m_{202}^{(11)}+2m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(22)}m_{121}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(22)}m_{022}^{(00)}-m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(00)}m_{031}^{(22)}+2m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(00)}m_{022}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(00)}m_{013}^{(11)}+m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(11)}m_{211}^{(22)}-2m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(11)}m_{112}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(11)}m_{013}^{(00)}+2m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(20)}m_{130}^{(22)}-4m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(20)}m_{121}^{(21)}\\
&+2m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(20)}m_{112}^{(11)}-2m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(21)}m_{220}^{(22)}+4m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(21)}m_{121}^{(20)}\\
&-2m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(21)}m_{022}^{(00)}+2m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(22)}m_{220}^{(21)}-m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(22)}m_{211}^{(11)}\\
&-2m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(22)}m_{130}^{(20)}+m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(22)}m_{031}^{(00)}-m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(00)}m_{112}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(00)}m_{103}^{(21)}+m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(00)}m_{013}^{(20)}-m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(00)}m_{004}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(10)}m_{202}^{(22)}-2m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(10)}m_{103}^{(20)}+m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(10)}m_{004}^{(00)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(20)}m_{211}^{(22)}-2m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(20)}m_{202}^{(21)}+2m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(20)}m_{103}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(20)}m_{013}^{(00)}-m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(21)}m_{301}^{(22)}+2m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(21)}m_{202}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(21)}m_{103}^{(00)}+m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(22)}m_{301}^{(21)}-m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(22)}m_{211}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(22)}m_{202}^{(10)}+m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(22)}m_{112}^{(00)}+m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(00)}m_{121}^{(22)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(00)}m_{112}^{(21)}-m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(00)}m_{022}^{(20)}+m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(00)}m_{013}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(10)}m_{211}^{(22)}+2m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(10)}m_{112}^{(20)}-m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(10)}m_{013}^{(00)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(20)}m_{220}^{(22)}+2m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(20)}m_{211}^{(21)}-2m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(20)}m_{112}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(20)}m_{022}^{(00)}+m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(21)}m_{310}^{(22)}-2m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(21)}m_{211}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(21)}m_{112}^{(00)}-m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(22)}m_{310}^{(21)}+m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(22)}m_{220}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(22)}m_{211}^{(10)}-m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(22)}m_{121}^{(00)}-m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(00)}m_{031}^{(22)}\\
&+2m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(00)}m_{022}^{(21)}-m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(00)}m_{013}^{(11)}+2m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(10)}m_{121}^{(22)}\\
&-4m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(10)}m_{112}^{(21)}+2m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(10)}m_{103}^{(11)}-m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(11)}m_{211}^{(22)}\\
&+2m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(11)}m_{202}^{(21)}-2m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(11)}m_{103}^{(10)}+m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(11)}m_{013}^{(00)}\\
&-2m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{202}^{(11)}+4m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{112}^{(10)}-2m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{022}^{(00)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(22)}m_{211}^{(11)}-2m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(22)}m_{121}^{(10)}+m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(22)}m_{031}^{(00)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(00)}m_{040}^{(22)}-2m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(00)}m_{031}^{(21)}+m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(00)}m_{022}^{(11)}\\
&-2m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(10)}m_{130}^{(22)}+4m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(10)}m_{121}^{(21)}-2m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(10)}m_{112}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(11)}m_{220}^{(22)}-2m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(11)}m_{211}^{(21)}+2m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(11)}m_{112}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(11)}m_{022}^{(00)}+2m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{211}^{(11)}-4m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{121}^{(10)}\\
&+2m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{031}^{(00)}-m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(22)}m_{220}^{(11)}+2m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(22)}m_{130}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(22)}m_{040}^{(00)}+m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(00)}m_{121}^{(22)}-m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(00)}m_{103}^{(11)}\\
&-2m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(00)}m_{022}^{(20)}+2m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(00)}m_{013}^{(10)}-2m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(10)}m_{211}^{(22)}\\
&+4m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(10)}m_{112}^{(20)}-2m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(10)}m_{013}^{(00)}+m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(11)}m_{301}^{(22)}
\end{aligned}
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\begin{aligned}
&-2m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(11)}m_{202}^{(20)} + m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(11)}m_{103}^{(00)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{202}^{(11)}\\
&-4m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{112}^{(10)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{022}^{(00)} - m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{301}^{(11)}\\
&+2m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{211}^{(10)} - m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{121}^{(00)} - m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(00)}m_{130}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(00)}m_{112}^{(11)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(00)}m_{031}^{(20)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(00)}m_{022}^{(10)}\\
&+2m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(10)}m_{220}^{(22)} - 4m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(10)}m_{121}^{(20)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(10)}m_{022}^{(00)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(11)}m_{310}^{(22)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(11)}m_{211}^{(20)} - m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(11)}m_{112}^{(00)}\\
&-2m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(20)}m_{211}^{(11)} + 4m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(20)}m_{121}^{(10)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(20)}m_{031}^{(00)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(22)}m_{310}^{(11)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(22)}m_{220}^{(10)} + m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(22)}m_{130}^{(00)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(00)}m_{121}^{(21)} + m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(00)}m_{112}^{(11)} + m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(00)}m_{031}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(00)}m_{022}^{(10)} + 2m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(10)}m_{211}^{(21)} - m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(10)}m_{202}^{(11)}\\
&-2m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(10)}m_{121}^{(20)} + m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(10)}m_{022}^{(00)} - m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(11)}m_{301}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(11)}m_{211}^{(20)} + m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(11)}m_{202}^{(10)} - m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(11)}m_{112}^{(00)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(20)}m_{211}^{(11)} + 2m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(20)}m_{121}^{(10)} - m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(20)}m_{031}^{(00)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{301}^{(11)} - 2m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{211}^{(10)} + m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{121}^{(00)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{002}^{(00)}m_{130}^{(21)} - m_{000}^{(00)}m_{010}^{(22)}m_{002}^{(00)}m_{121}^{(11)} - m_{000}^{(00)}m_{010}^{(22)}m_{002}^{(00)}m_{040}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{002}^{(00)}m_{031}^{(10)} - 2m_{000}^{(00)}m_{010}^{(22)}m_{002}^{(10)}m_{220}^{(21)} + m_{000}^{(00)}m_{010}^{(22)}m_{002}^{(10)}m_{211}^{(11)}\\
&+2m_{000}^{(00)}m_{010}^{(22)}m_{002}^{(10)}m_{130}^{(20)} - m_{000}^{(00)}m_{010}^{(22)}m_{002}^{(10)}m_{031}^{(00)} + m_{000}^{(00)}m_{010}^{(22)}m_{002}^{(11)}m_{310}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{002}^{(11)}m_{220}^{(20)} - m_{000}^{(00)}m_{010}^{(22)}m_{002}^{(11)}m_{211}^{(10)} + m_{000}^{(00)}m_{010}^{(22)}m_{002}^{(11)}m_{121}^{(00)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{002}^{(20)}m_{220}^{(11)} - 2m_{000}^{(00)}m_{010}^{(22)}m_{002}^{(20)}m_{130}^{(10)} + m_{000}^{(00)}m_{010}^{(22)}m_{002}^{(20)}m_{040}^{(00)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{002}^{(21)}m_{310}^{(11)} + 2m_{000}^{(00)}m_{010}^{(22)}m_{002}^{(21)}m_{220}^{(10)} - m_{000}^{(00)}m_{010}^{(22)}m_{002}^{(21)}m_{130}^{(00)}\\
&+m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(10)}m_{022}^{(22)} - 2m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(10)}m_{013}^{(21)} + m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(10)}m_{004}^{(11)}\\
&-m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(11)}m_{112}^{(22)} + m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(11)}m_{103}^{(21)} + m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(11)}m_{013}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(11)}m_{004}^{(10)} - m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(20)}m_{031}^{(22)} + 2m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(20)}m_{022}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(20)}m_{013}^{(11)} + m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(21)}m_{121}^{(22)} - m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(21)}m_{103}^{(11)}\\
&-2m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(21)}m_{022}^{(20)} + 2m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(21)}m_{013}^{(10)} - m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(22)}m_{121}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(22)}m_{112}^{(11)} + m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(22)}m_{031}^{(20)} - m_{000}^{(00)}m_{001}^{(00)}m_{020}^{(22)}m_{022}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(10)}m_{031}^{(22)} + 2m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(10)}m_{022}^{(21)} - m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(10)}m_{013}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(11)}m_{121}^{(22)} - m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(11)}m_{112}^{(21)} - m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(11)}m_{022}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(11)}m_{013}^{(10)} + m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(20)}m_{040}^{(22)} - 2m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(20)}m_{031}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(20)}m_{022}^{(11)} - m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(21)}m_{130}^{(22)} + m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(21)}m_{112}^{(11)}\\
&+2m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(21)}m_{031}^{(20)} - 2m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(21)}m_{022}^{(10)} + m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(22)}m_{130}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(22)}m_{121}^{(11)} - m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(22)}m_{040}^{(20)} + m_{000}^{(00)}m_{001}^{(00)}m_{011}^{(22)}m_{031}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(00)}m_{022}^{(22)} + 2m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(00)}m_{013}^{(21)} - m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(00)}m_{004}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(11)}m_{202}^{(22)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(11)}m_{103}^{(20)} + m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(11)}m_{004}^{(00)}\\
&+2m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{121}^{(22)} - 4m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{112}^{(21)} + 2m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{103}^{(11)}\\
&-2m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{211}^{(22)} + 4m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{112}^{(20)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{013}^{(00)}\\
&+2m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{211}^{(21)} - m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{202}^{(11)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{121}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{022}^{(00)} + m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(00)}m_{031}^{(22)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(00)}m_{022}^{(21)}
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&+m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(00)}m_{013}^{(11)} - m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{211}^{(22)} + 2m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{112}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{013}^{(00)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{130}^{(22)} + 4m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{121}^{(21)}\\
&-2m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{112}^{(11)} + 2m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{220}^{(22)} - 4m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{121}^{(20)}\\
&+2m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{022}^{(00)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{220}^{(21)} + m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{211}^{(11)}\\
&+2m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{130}^{(20)} - m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{031}^{(00)} + m_{000}^{(00)}m_{001}^{(11)}m_{020}^{(00)}m_{112}^{(22)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{020}^{(00)}m_{103}^{(21)} - m_{000}^{(00)}m_{001}^{(11)}m_{020}^{(00)}m_{013}^{(20)} + m_{000}^{(00)}m_{001}^{(11)}m_{020}^{(00)}m_{004}^{(10)}\\
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&+m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(11)}m_{310}^{(22)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(11)}m_{211}^{(20)} + m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(11)}m_{112}^{(00)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(20)}m_{211}^{(11)} - 4m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(20)}m_{121}^{(10)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(20)}m_{031}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(22)}m_{310}^{(11)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(22)}m_{220}^{(10)} - m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(22)}m_{130}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(00)}m_{121}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(00)}m_{112}^{(11)} - m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(00)}m_{031}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(10)}m_{022}^{(00)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(10)}m_{211}^{(21)} + m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(10)}m_{202}^{(11)}\\
&+2m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(10)}m_{121}^{(20)} - m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(10)}m_{112}^{(00)} + m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(11)}m_{301}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(11)}m_{211}^{(20)} - m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(11)}m_{202}^{(10)} + m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(11)}m_{112}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(20)}m_{211}^{(11)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(20)}m_{121}^{(10)} + m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(20)}m_{031}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(21)}m_{301}^{(11)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(21)}m_{211}^{(10)} - m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(21)}m_{121}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(00)}m_{130}^{(21)} + m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(00)}m_{121}^{(11)} + m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(00)}m_{040}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(00)}m_{031}^{(10)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(10)}m_{220}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(10)}m_{211}^{(11)}
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&-2m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(10)}m_{130}^{(20)} + m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(10)}m_{031}^{(00)} - m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(11)}m_{310}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(11)}m_{220}^{(20)} + m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(11)}m_{211}^{(10)} - m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(11)}m_{121}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(20)}m_{220}^{(11)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(20)}m_{130}^{(10)} - m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(20)}m_{040}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(21)}m_{310}^{(11)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(21)}m_{220}^{(10)} + m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(21)}m_{130}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(10)}m_{022}^{(22)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(10)}m_{013}^{(21)} + m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(10)}m_{004}^{(11)}\\
&-m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(11)}m_{112}^{(22)} + m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(11)}m_{103}^{(21)} + m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(11)}m_{013}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(11)}m_{004}^{(10)} - m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(20)}m_{031}^{(22)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(20)}m_{022}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(20)}m_{013}^{(11)} + m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(21)}m_{121}^{(22)} - m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(21)}m_{103}^{(11)}\\
&-2m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(21)}m_{022}^{(20)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(21)}m_{013}^{(10)} - m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(22)}m_{121}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(22)}m_{112}^{(11)} + m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(22)}m_{031}^{(20)} - m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(22)}m_{022}^{(10)}\\
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&+m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(11)}m_{211}^{(22)} - m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(11)}m_{202}^{(21)} - m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(11)}m_{112}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(11)}m_{103}^{(10)} + m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(20)}m_{130}^{(22)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(20)}m_{121}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(20)}m_{112}^{(11)} - m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(21)}m_{220}^{(22)} + m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(21)}m_{202}^{(11)}\\
&+2m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(21)}m_{121}^{(20)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(21)}m_{112}^{(10)} + m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(22)}m_{220}^{(21)}\\
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&+m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(11)}m_{202}^{(22)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(11)}m_{103}^{(20)} + m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(11)}m_{004}^{(00)}\\
&+2m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(20)}m_{121}^{(22)} - 4m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(20)}m_{112}^{(21)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(20)}m_{103}^{(11)}\\
&-2m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(21)}m_{211}^{(22)} + 4m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(21)}m_{112}^{(20)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(21)}m_{013}^{(00)}\\
&+2m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{211}^{(21)} - m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{202}^{(11)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{121}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{022}^{(00)} + m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(00)}m_{121}^{(22)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(00)}m_{112}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(00)}m_{103}^{(11)} - m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(11)}m_{301}^{(22)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(11)}m_{202}^{(20)}\\
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&+2m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(21)}m_{112}^{(00)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(22)}m_{310}^{(21)} + m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(22)}m_{301}^{(11)}\\
&+2m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(22)}m_{220}^{(20)} - m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(22)}m_{121}^{(00)} + m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(00)}m_{112}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(00)}m_{103}^{(21)} - m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(00)}m_{013}^{(20)} + m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(00)}m_{004}^{(10)}\\
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&+m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(20)}m_{013}^{(00)} + m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(21)}m_{301}^{(22)} - 2m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(21)}m_{202}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(21)}m_{103}^{(00)} - m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(22)}m_{301}^{(21)} + m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(22)}m_{211}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(22)}m_{202}^{(10)} - m_{000}^{(10)}m_{010}^{(11)}m_{101}^{(22)}m_{112}^{(00)} - m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(00)}m_{211}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(00)}m_{202}^{(21)} + m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(00)}m_{112}^{(20)} - m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(00)}m_{103}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(10)}m_{301}^{(22)} - 2m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(10)}m_{202}^{(20)} + m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(10)}m_{103}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(20)}m_{310}^{(22)} - 2m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(20)}m_{301}^{(21)} + 2m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(20)}m_{202}^{(10)}\\
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&-m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(22)}m_{301}^{(10)} + m_{000}^{(10)}m_{010}^{(11)}m_{002}^{(22)}m_{211}^{(00)} + m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(00)}m_{031}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(00)}m_{022}^{(21)} + m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(00)}m_{013}^{(11)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{121}^{(22)}\\
&+4m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{112}^{(21)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{103}^{(11)} + m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(11)}m_{211}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(11)}m_{202}^{(21)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(11)}m_{103}^{(10)} - m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(11)}m_{013}^{(00)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{202}^{(11)} - 4m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{112}^{(10)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{022}^{(00)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{211}^{(11)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{121}^{(10)} - m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{031}^{(00)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(00)}m_{130}^{(22)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(00)}m_{121}^{(21)} - m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(00)}m_{112}^{(11)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{220}^{(22)} - 4m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{211}^{(21)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{202}^{(11)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(11)}m_{310}^{(22)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(11)}m_{301}^{(21)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(11)}m_{202}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(11)}m_{112}^{(00)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{301}^{(11)} + 4m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{211}^{(10)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{121}^{(00)} + m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(22)}m_{310}^{(11)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(22)}m_{220}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(22)}m_{130}^{(00)} - m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(00)}m_{121}^{(22)} + m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(00)}m_{103}^{(11)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(00)}m_{022}^{(20)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(00)}m_{013}^{(10)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{211}^{(22)}\\
&-4m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{112}^{(20)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(10)}m_{013}^{(00)} - m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(11)}m_{301}^{(22)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(11)}m_{202}^{(20)} - m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(11)}m_{103}^{(00)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{202}^{(11)}\\
&+4m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{112}^{(10)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{022}^{(00)} + m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{301}^{(11)}\\
&-2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{211}^{(10)} + m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{121}^{(00)} + m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(00)}m_{220}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(00)}m_{202}^{(11)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(00)}m_{121}^{(20)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(00)}m_{112}^{(10)}\\
&-2m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{310}^{(22)} + 4m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{211}^{(20)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{112}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(11)}m_{400}^{(22)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(11)}m_{301}^{(20)} + m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(11)}m_{202}^{(00)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{301}^{(11)} - 4m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{211}^{(10)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{121}^{(00)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(22)}m_{400}^{(11)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(22)}m_{310}^{(10)} - m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(22)}m_{220}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(00)}m_{121}^{(21)} - m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(00)}m_{112}^{(11)} - m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(00)}m_{031}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(00)}m_{022}^{(10)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{211}^{(21)} + m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{202}^{(11)}\\
&+2m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{121}^{(20)} - m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{022}^{(00)} + m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(11)}m_{301}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(11)}m_{211}^{(20)} - m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(11)}m_{202}^{(10)} + m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(11)}m_{112}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{211}^{(11)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{121}^{(10)} + m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{031}^{(00)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{301}^{(11)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{211}^{(10)} - m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{121}^{(00)}\\
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&-m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(00)}m_{121}^{(10)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(10)}m_{310}^{(21)} - m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(10)}m_{301}^{(11)}\\
&-2m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(10)}m_{220}^{(20)} + m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(10)}m_{121}^{(00)} - m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(11)}m_{400}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(11)}m_{310}^{(20)} + m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(11)}m_{301}^{(10)} - m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(11)}m_{211}^{(00)}\\
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&+2m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(11)}m_{112}^{(22)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(11)}m_{103}^{(21)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(11)}m_{013}^{(20)}\\
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&+4m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{022}^{(20)} - 4m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{013}^{(10)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(22)}m_{121}^{(21)}\\
&-2m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(22)}m_{112}^{(11)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(22)}m_{031}^{(20)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(22)}m_{022}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(10)}m_{031}^{(22)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(10)}m_{022}^{(21)} + m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(10)}m_{013}^{(11)}\\
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&-m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(11)}m_{013}^{(10)} - m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(20)}m_{040}^{(22)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(20)}m_{031}^{(21)}\\
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&+m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(22)}m_{121}^{(11)} + m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(22)}m_{040}^{(20)} - m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(22)}m_{031}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{121}^{(22)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{112}^{(21)} + m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{103}^{(11)}\\
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&+m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(22)}m_{211}^{(11)} + m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(22)}m_{130}^{(20)} - m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(22)}m_{121}^{(10)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(00)}m_{022}^{(22)} - 4m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(00)}m_{013}^{(21)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(00)}m_{004}^{(11)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(11)}m_{202}^{(22)} + 4m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(11)}m_{103}^{(20)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(11)}m_{004}^{(00)}\\
&-4m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{121}^{(22)} + 8m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{112}^{(21)} - 4m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{103}^{(11)}\\
&+4m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{211}^{(22)} - 8m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{112}^{(20)} + 4m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{013}^{(00)}\\
&-4m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{211}^{(21)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{202}^{(11)} + 4m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{121}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{022}^{(00)} - m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(00)}m_{031}^{(22)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(00)}m_{022}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(00)}m_{013}^{(11)} + m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{211}^{(22)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{112}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{013}^{(00)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{130}^{(22)} - 4m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{121}^{(21)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{112}^{(11)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{220}^{(22)} + 4m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{121}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{022}^{(00)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{021}^{(21)} - m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{211}^{(11)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{130}^{(20)} + m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{031}^{(00)} - m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{121}^{(22)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{112}^{(21)} - m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{103}^{(11)} + m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(11)}m_{301}^{(22)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(11)}m_{202}^{(20)} + m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(11)}m_{103}^{(00)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{220}^{(22)}\\
&-4m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{211}^{(21)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{202}^{(11)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{310}^{(22)}\\
&+4m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{211}^{(20)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{112}^{(00)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{310}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{301}^{(11)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{220}^{(20)} + m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{121}^{(00)}\\
&-2m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(00)}m_{112}^{(22)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(00)}m_{103}^{(21)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(00)}m_{013}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(00)}m_{004}^{(10)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(10)}m_{202}^{(22)} - 4m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(10)}m_{103}^{(20)}\\
&+2m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(10)}m_{004}^{(00)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{211}^{(22)} - 4m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{202}^{(21)}\\
&+4m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{103}^{(10)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{013}^{(00)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(21)}m_{301}^{(22)}\\
&+4m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(21)}m_{202}^{(20)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(21)}m_{103}^{(00)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{301}^{(21)}\\
&-2m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{211}^{(20)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{202}^{(10)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{112}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{121}^{(22)} - m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{112}^{(21)} - m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{022}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{013}^{(10)} - m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{211}^{(22)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{112}^{(20)}
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&-m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{013}^{(00)} - m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{220}^{(22)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{211}^{(21)}\\
&-2m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{112}^{(10)} + m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{022}^{(00)} + m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{310}^{(22)}\\
&-2m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{211}^{(20)} + m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{112}^{(00)} - m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{310}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{220}^{(20)} + m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{211}^{(10)} - m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{121}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{211}^{(22)} - m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{202}^{(21)} - m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{112}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{103}^{(10)} - m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(10)}m_{301}^{(22)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(10)}m_{202}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(10)}m_{103}^{(00)} - m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{310}^{(22)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{301}^{(21)}\\
&-2m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{202}^{(10)} + m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{112}^{(00)} + m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(21)}m_{400}^{(22)}\\
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&+m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(22)}m_{310}^{(20)} + m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(22)}m_{301}^{(10)} - m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(22)}m_{211}^{(00)}\\
&-2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(00)}m_{031}^{(22)} + 4m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(00)}m_{022}^{(21)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(00)}m_{013}^{(11)}\\
&+4m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{121}^{(22)} - 8m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{112}^{(21)} + 4m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{103}^{(11)}\\
&-2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{211}^{(22)} + 4m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{202}^{(21)} - 4m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{103}^{(10)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{013}^{(00)} - 4m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{202}^{(11)} + 8m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{112}^{(10)}\\
&-4m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{022}^{(00)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{211}^{(11)} - 4m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{121}^{(10)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{031}^{(00)} + m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(00)}m_{040}^{(22)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(00)}m_{031}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(00)}m_{022}^{(11)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{130}^{(22)} + 4m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{121}^{(21)}\\
&-2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{112}^{(11)} + m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{220}^{(22)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{211}^{(21)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{112}^{(10)} - m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{022}^{(00)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{211}^{(11)}\\
&-4m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{121}^{(10)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{031}^{(00)} - m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(22)}m_{220}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(22)}m_{130}^{(10)} - m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(22)}m_{040}^{(00)} + m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{130}^{(22)}\\
&-2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{121}^{(21)} + m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{112}^{(11)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{220}^{(22)}\\
&+4m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{211}^{(21)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{202}^{(11)} + m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{310}^{(22)}\\
&-2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{301}^{(21)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{202}^{(10)} - m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{112}^{(00)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{301}^{(11)} - 4m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{211}^{(10)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{121}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(22)}m_{310}^{(11)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(22)}m_{220}^{(10)} - m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(22)}m_{130}^{(00)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{121}^{(22)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{103}^{(11)} - 4m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{022}^{(20)}\\
&+4m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{013}^{(10)} - 4m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{211}^{(22)} + 8m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{112}^{(20)}\\
&-4m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{013}^{(00)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(11)}m_{301}^{(22)} - 4m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(11)}m_{202}^{(20)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(11)}m_{103}^{(00)} + 4m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{202}^{(11)} - 8m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{112}^{(10)}\\
&+4m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{022}^{(00)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{301}^{(11)} + 4m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{211}^{(10)}\\
&-2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{121}^{(00)} - m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{130}^{(22)} + m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{112}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{031}^{(20)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{022}^{(10)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{220}^{(22)}\\
&-4m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{121}^{(20)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{022}^{(00)} - m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{310}^{(22)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{211}^{(20)} - m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{112}^{(00)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{211}^{(11)}\\
&+4m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{121}^{(10)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{031}^{(00)} + m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(22)}m_{310}^{(11)}\\
&-2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(22)}m_{220}^{(10)} + m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(22)}m_{130}^{(00)} - m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{220}^{(22)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{202}^{(11)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{121}^{(20)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{112}^{(10)}
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&+2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{310}^{(22)} - 4m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{211}^{(20)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{112}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(11)}m_{400}^{(22)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(11)}m_{301}^{(20)} - m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(11)}m_{202}^{(00)}\\
&-2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{301}^{(11)} + 4m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{211}^{(10)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{121}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(22)}m_{400}^{(11)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(22)}m_{310}^{(10)} + m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(22)}m_{220}^{(00)}\\
&-2m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{121}^{(21)} + 2m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{112}^{(11)} + 2m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{031}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{022}^{(10)} + 4m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{211}^{(21)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{202}^{(11)}\\
&-4m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{121}^{(20)} + 2m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{022}^{(00)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{301}^{(21)}\\
&+2m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{211}^{(20)} + 2m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{202}^{(10)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{112}^{(00)}\\
&-2m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{211}^{(11)} + 4m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{121}^{(10)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{031}^{(00)}\\
&+2m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{301}^{(11)} - 4m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{211}^{(10)} + 2m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{121}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(00)}m_{130}^{(21)} - m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(00)}m_{121}^{(11)} - m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(00)}m_{040}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(00)}m_{031}^{(10)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(10)}m_{220}^{(21)} + m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(10)}m_{211}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(10)}m_{130}^{(20)} - m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(10)}m_{031}^{(00)} + m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(11)}m_{310}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(11)}m_{220}^{(20)} - m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(11)}m_{211}^{(10)} + m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(11)}m_{121}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(20)}m_{220}^{(11)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(20)}m_{130}^{(10)} + m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(20)}m_{040}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(21)}m_{310}^{(11)} + 2m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(21)}m_{220}^{(10)} - m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(21)}m_{130}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(00)}m_{220}^{(21)} - m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(00)}m_{211}^{(11)} - m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(00)}m_{130}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(00)}m_{121}^{(10)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(10)}m_{310}^{(21)} + m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(10)}m_{301}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(10)}m_{220}^{(20)} - m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(10)}m_{121}^{(00)} + m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(11)}m_{400}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(11)}m_{310}^{(20)} - m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(11)}m_{301}^{(10)} + m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(11)}m_{211}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(20)}m_{310}^{(11)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(20)}m_{220}^{(10)} + m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(20)}m_{130}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(21)}m_{400}^{(11)} + 2m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(21)}m_{310}^{(10)} - m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(21)}m_{220}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(10)}m_{022}^{(22)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(10)}m_{013}^{(21)} - m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(10)}m_{004}^{(11)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(11)}m_{112}^{(22)} - m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(11)}m_{103}^{(21)} - m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(11)}m_{013}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(11)}m_{004}^{(10)} + m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(20)}m_{031}^{(22)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(20)}m_{022}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(20)}m_{013}^{(11)} - m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(21)}m_{121}^{(22)} + m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(21)}m_{103}^{(11)}\\
&+2m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(21)}m_{022}^{(20)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(21)}m_{013}^{(10)} + m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(22)}m_{121}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(22)}m_{112}^{(11)} - m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(22)}m_{031}^{(20)} + m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(22)}m_{022}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(10)}m_{121}^{(22)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(10)}m_{112}^{(21)} + m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(10)}m_{103}^{(11)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(11)}m_{211}^{(22)} + m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(11)}m_{202}^{(21)} + m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(11)}m_{112}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(11)}m_{103}^{(10)} - m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(20)}m_{130}^{(22)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(20)}m_{121}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(20)}m_{112}^{(11)} + m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(21)}m_{220}^{(22)} - m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(21)}m_{202}^{(11)}\\
&-2m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(21)}m_{121}^{(20)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(21)}m_{112}^{(10)} - m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(22)}m_{220}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(22)}m_{211}^{(11)} + m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(22)}m_{130}^{(20)} - m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(22)}m_{121}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(00)}m_{022}^{(22)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(00)}m_{013}^{(21)} + m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(00)}m_{004}^{(11)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(11)}m_{202}^{(22)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(11)}m_{103}^{(20)} - m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(11)}m_{004}^{(00)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(20)}m_{121}^{(22)} + 4m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(20)}m_{112}^{(21)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(20)}m_{103}^{(11)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(21)}m_{211}^{(22)} - 4m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(21)}m_{112}^{(20)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(21)}m_{013}^{(00)}
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&-2m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(22)}m_{211}^{(21)} + m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(22)}m_{202}^{(11)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(22)}m_{121}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(22)}m_{022}^{(00)} - m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(00)}m_{121}^{(22)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(00)}m_{112}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(00)}m_{103}^{(11)} + m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(11)}m_{301}^{(22)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(11)}m_{202}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(11)}m_{103}^{(00)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(20)}m_{220}^{(22)} - 4m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(20)}m_{211}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(20)}m_{202}^{(11)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(21)}m_{310}^{(22)} + 4m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(21)}m_{211}^{(20)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(21)}m_{112}^{(00)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(22)}m_{310}^{(21)} - m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(22)}m_{301}^{(11)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(22)}m_{220}^{(20)} + m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(22)}m_{121}^{(00)} - m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(00)}m_{112}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(00)}m_{103}^{(21)} + m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(00)}m_{013}^{(20)} - m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(00)}m_{004}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(10)}m_{202}^{(22)} - 2m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(10)}m_{103}^{(20)} + m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(10)}m_{004}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(20)}m_{211}^{(22)} - 2m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(20)}m_{202}^{(21)} + 2m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(20)}m_{103}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(20)}m_{013}^{(00)} - m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(21)}m_{301}^{(22)} + 2m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(21)}m_{202}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(21)}m_{103}^{(00)} + m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(22)}m_{301}^{(21)} - m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(22)}m_{211}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(22)}m_{202}^{(10)} + m_{000}^{(11)}m_{100}^{(11)}m_{101}^{(22)}m_{112}^{(00)} + m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(00)}m_{211}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(00)}m_{202}^{(21)} - m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(00)}m_{112}^{(20)} + m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(00)}m_{103}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(10)}m_{301}^{(22)} + 2m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(10)}m_{202}^{(20)} - m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(10)}m_{103}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(20)}m_{310}^{(22)} + 2m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(20)}m_{301}^{(21)} - 2m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(20)}m_{202}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(20)}m_{112}^{(00)} + m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(21)}m_{400}^{(22)} - 2m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(21)}m_{301}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(21)}m_{202}^{(00)} - m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(22)}m_{400}^{(21)} + m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(22)}m_{310}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(22)}m_{301}^{(10)} - m_{000}^{(11)}m_{100}^{(11)}m_{002}^{(22)}m_{211}^{(00)} - m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(00)}m_{031}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(00)}m_{022}^{(21)} - m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(00)}m_{013}^{(11)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(10)}m_{121}^{(22)}\\
&-4m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(10)}m_{112}^{(21)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(10)}m_{103}^{(11)} - m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(11)}m_{211}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(11)}m_{202}^{(21)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(11)}m_{103}^{(10)} + m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(11)}m_{013}^{(00)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(21)}m_{202}^{(11)} + 4m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(21)}m_{112}^{(10)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(21)}m_{022}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(22)}m_{211}^{(11)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(22)}m_{121}^{(10)} + m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(22)}m_{031}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(00)}m_{130}^{(22)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(00)}m_{121}^{(21)} + m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(00)}m_{112}^{(11)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(10)}m_{220}^{(22)} + 4m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(10)}m_{211}^{(21)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(10)}m_{202}^{(11)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(11)}m_{310}^{(22)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(11)}m_{301}^{(21)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(11)}m_{202}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(11)}m_{112}^{(00)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(21)}m_{301}^{(11)} - 4m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(21)}m_{211}^{(10)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(21)}m_{121}^{(00)} - m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(22)}m_{310}^{(11)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(22)}m_{220}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(22)}m_{130}^{(00)} + m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(00)}m_{121}^{(22)} - m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(00)}m_{103}^{(11)}\\
&-2m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(00)}m_{022}^{(20)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(00)}m_{013}^{(10)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(10)}m_{211}^{(22)}\\
&+4m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(10)}m_{112}^{(20)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(10)}m_{013}^{(00)} + m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(11)}m_{301}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(11)}m_{202}^{(20)} + m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(11)}m_{103}^{(00)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{202}^{(11)}\\
&-4m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{112}^{(10)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{022}^{(00)} - m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(22)}m_{301}^{(11)}\\
&+2m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(22)}m_{211}^{(10)} - m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(22)}m_{121}^{(00)} - m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(00)}m_{220}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(00)}m_{202}^{(11)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(00)}m_{121}^{(20)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(00)}m_{112}^{(10)}\\
&+2m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(10)}m_{310}^{(22)} - 4m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(10)}m_{211}^{(20)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(10)}m_{112}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(11)}m_{400}^{(22)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(11)}m_{301}^{(20)} - m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(11)}m_{202}^{(00)}
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&+m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(22)}m_{400}^{(11)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(22)}m_{310}^{(10)} + m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(22)}m_{220}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(00)}m_{121}^{(21)} + m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(00)}m_{112}^{(11)} + m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(00)}m_{031}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(00)}m_{022}^{(10)} + 2m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(10)}m_{211}^{(21)} - m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(10)}m_{202}^{(11)}\\
&-2m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(10)}m_{121}^{(20)} + m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(10)}m_{022}^{(00)} - m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(11)}m_{301}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(11)}m_{211}^{(20)} + m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(11)}m_{202}^{(10)} - m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(11)}m_{112}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(20)}m_{211}^{(11)} + 2m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(20)}m_{121}^{(10)} - m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(20)}m_{031}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(21)}m_{301}^{(11)} - 2m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(21)}m_{211}^{(10)} + m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(21)}m_{121}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{002}^{(00)}m_{220}^{(21)} - m_{000}^{(11)}m_{100}^{(22)}m_{002}^{(00)}m_{211}^{(11)} - m_{000}^{(11)}m_{100}^{(22)}m_{002}^{(00)}m_{130}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{002}^{(00)}m_{121}^{(10)} - 2m_{000}^{(11)}m_{100}^{(22)}m_{002}^{(10)}m_{310}^{(21)} + m_{000}^{(11)}m_{100}^{(22)}m_{002}^{(10)}m_{301}^{(11)}\\
&+2m_{000}^{(11)}m_{100}^{(22)}m_{002}^{(10)}m_{220}^{(20)} - m_{000}^{(11)}m_{100}^{(22)}m_{002}^{(10)}m_{121}^{(00)} + m_{000}^{(11)}m_{100}^{(22)}m_{002}^{(11)}m_{400}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{002}^{(11)}m_{310}^{(20)} - m_{000}^{(11)}m_{100}^{(22)}m_{002}^{(11)}m_{301}^{(10)} + m_{000}^{(11)}m_{100}^{(22)}m_{002}^{(11)}m_{211}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{002}^{(20)}m_{310}^{(11)} - 2m_{000}^{(11)}m_{100}^{(22)}m_{002}^{(20)}m_{220}^{(10)} + m_{000}^{(11)}m_{100}^{(22)}m_{002}^{(20)}m_{130}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{002}^{(21)}m_{400}^{(11)} + 2m_{000}^{(11)}m_{100}^{(22)}m_{002}^{(21)}m_{310}^{(10)} - m_{000}^{(11)}m_{100}^{(22)}m_{002}^{(21)}m_{220}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(10)}m_{022}^{(22)} - 2m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(10)}m_{013}^{(21)} + m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(10)}m_{004}^{(11)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(11)}m_{112}^{(22)} + m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(11)}m_{103}^{(21)} + m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(11)}m_{013}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(11)}m_{004}^{(10)} - m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(20)}m_{031}^{(22)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(20)}m_{022}^{(21)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(20)}m_{013}^{(11)} + m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(21)}m_{121}^{(22)} - m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(21)}m_{103}^{(11)}\\
&-2m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(21)}m_{022}^{(20)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(21)}m_{013}^{(10)} - m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(22)}m_{121}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(22)}m_{112}^{(11)} + m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(22)}m_{031}^{(20)} - m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(22)}m_{022}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(10)}m_{121}^{(22)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(10)}m_{112}^{(21)} - m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(10)}m_{103}^{(11)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(11)}m_{211}^{(22)} - m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(11)}m_{202}^{(21)} - m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(11)}m_{112}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(11)}m_{103}^{(10)} + m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{130}^{(22)} - 2m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{121}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{112}^{(11)} - m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(21)}m_{220}^{(22)} + m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(21)}m_{202}^{(11)}\\
&+2m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(21)}m_{121}^{(20)} - 2m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(21)}m_{112}^{(10)} + m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(22)}m_{220}^{(21)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(22)}m_{211}^{(11)} - m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(22)}m_{130}^{(20)} + m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(22)}m_{121}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(00)}m_{022}^{(22)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(00)}m_{013}^{(21)} - m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(00)}m_{004}^{(11)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(11)}m_{202}^{(22)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(11)}m_{103}^{(20)} + m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(11)}m_{004}^{(00)}\\
&+2m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{121}^{(22)} - 4m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{112}^{(21)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{103}^{(11)}\\
&-2m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(21)}m_{211}^{(22)} + 4m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(21)}m_{112}^{(20)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(21)}m_{013}^{(00)}\\
&+2m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{211}^{(21)} - m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{202}^{(11)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{121}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{022}^{(00)} + m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(00)}m_{121}^{(22)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(00)}m_{112}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(00)}m_{103}^{(11)} - m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(11)}m_{301}^{(22)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(11)}m_{202}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(11)}m_{103}^{(00)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{220}^{(22)} + 4m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{211}^{(21)}\\
&-2m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{202}^{(11)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{310}^{(22)} - 4m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{211}^{(20)}\\
&+2m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{112}^{(00)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{310}^{(21)} + m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{301}^{(11)}\\
&+2m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{220}^{(20)} - m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{121}^{(00)} + m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(00)}m_{112}^{(22)}\\
&-m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(00)}m_{103}^{(21)} - m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(00)}m_{013}^{(20)} + m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(00)}m_{004}^{(10)}
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&-m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(10)}m_{202}^{(22)} + 2m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(10)}m_{103}^{(20)} - m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(10)}m_{004}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(20)}m_{211}^{(22)} + 2m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(20)}m_{202}^{(21)} - 2m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(20)}m_{103}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(20)}m_{013}^{(00)} + m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(21)}m_{301}^{(22)} - 2m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(21)}m_{202}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(21)}m_{103}^{(00)} - m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(22)}m_{301}^{(21)} + m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(22)}m_{211}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(22)}m_{202}^{(10)} - m_{000}^{(11)}m_{001}^{(11)}m_{200}^{(22)}m_{112}^{(00)} - m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(00)}m_{211}^{(22)}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(00)}m_{202}^{(21)} + m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(00)}m_{112}^{(20)} - m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(00)}m_{103}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(10)}m_{301}^{(22)} - 2m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(10)}m_{202}^{(20)} + m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(10)}m_{103}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(20)}m_{310}^{(22)} - 2m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(20)}m_{301}^{(21)} + 2m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(20)}m_{202}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(20)}m_{112}^{(00)} - m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(21)}m_{400}^{(22)} + 2m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(21)}m_{301}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(21)}m_{202}^{(00)} + m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(22)}m_{400}^{(21)} - m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(22)}m_{310}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(22)}m_{301}^{(10)} + m_{000}^{(11)}m_{001}^{(11)}m_{101}^{(22)}m_{211}^{(00)} + m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(00)}m_{031}^{(22)}\\
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&+4m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{112}^{(21)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{103}^{(11)} + m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(11)}m_{211}^{(22)}\\
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&+2m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{220}^{(22)} - 4m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{211}^{(21)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{202}^{(11)}\\
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&+m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{112}^{(00)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{301}^{(11)} + 4m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{211}^{(10)}\\
&-2m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{121}^{(00)} + m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(22)}m_{310}^{(11)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(22)}m_{220}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(22)}m_{130}^{(00)} - m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{121}^{(22)} + m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{103}^{(11)}\\
&+2m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{022}^{(20)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{013}^{(10)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{211}^{(22)}\\
&-4m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{112}^{(20)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{013}^{(00)} - m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(11)}m_{301}^{(22)}\\
&+2m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(11)}m_{202}^{(20)} - m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(11)}m_{103}^{(00)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{202}^{(11)}\\
&+4m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{112}^{(10)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{022}^{(00)} + m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(22)}m_{301}^{(11)}\\
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&-m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{202}^{(11)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{121}^{(20)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{112}^{(10)}\\
&-2m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{310}^{(22)} + 4m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{211}^{(20)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{112}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(11)}m_{400}^{(22)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(11)}m_{301}^{(20)} + m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(11)}m_{202}^{(00)}\\
&+2m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{301}^{(11)} - 4m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{211}^{(10)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{121}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(22)}m_{400}^{(11)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(22)}m_{310}^{(10)} - m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(22)}m_{220}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(00)}m_{121}^{(21)} - m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(00)}m_{112}^{(11)} - m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(00)}m_{031}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{022}^{(21)} - 2m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{211}^{(21)} + m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{202}^{(11)}\\
&+2m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{121}^{(20)} - m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{022}^{(00)} + m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(11)}m_{301}^{(21)}\\
&-m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(11)}m_{211}^{(20)} - m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(11)}m_{202}^{(10)} + m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(11)}m_{112}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(20)}m_{211}^{(11)} - 2m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(20)}m_{121}^{(10)} + m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(20)}m_{031}^{(00)}\\
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&-m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(00)}m_{220}^{(21)}+m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(00)}m_{211}^{(11)}+m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(00)}m_{130}^{(20)}\\
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&+m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(11)}m_{310}^{(20)}+m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(11)}m_{301}^{(10)}-m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(11)}m_{211}^{(00)}\\
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&+2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(20)}m_{112}^{(11)}-2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(20)}m_{220}^{(22)}+4m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(21)}m_{121}^{(20)}\\
&-2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(21)}m_{022}^{(00)}+2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(22)}m_{220}^{(21)}-m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(22)}m_{211}^{(11)}\\
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&+m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(20)}m_{022}^{(00)}+m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(21)}m_{310}^{(22)}-2m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(21)}m_{211}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(21)}m_{112}^{(00)}-m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(22)}m_{310}^{(21)}+m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(22)}m_{220}^{(20)}\\
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&+2m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(00)}m_{022}^{(21)}-m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(00)}m_{013}^{(11)}+2m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(10)}m_{121}^{(22)}\\
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&+2m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(11)}m_{202}^{(21)}-2m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(11)}m_{103}^{(10)}+m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(11)}m_{013}^{(00)}\\
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&+4m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(10)}m_{112}^{(20)}-2m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(10)}m_{013}^{(00)}+m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(11)}m_{301}^{(22)}\\
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&+2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{220}^{(22)}-4m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{121}^{(20)}+2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{022}^{(00)}\\
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&+2m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(10)}m_{130}^{(20)}-m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(10)}m_{031}^{(00)}+m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(11)}m_{310}^{(21)}\\
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&-m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(11)}m_{004}^{(10)} - m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(20)}m_{031}^{(22)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(20)}m_{022}^{(21)}\\
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&+2m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(20)}m_{022}^{(11)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(21)}m_{130}^{(22)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(21)}m_{112}^{(11)}\\
&+4m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(21)}m_{031}^{(20)} - 4m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(21)}m_{022}^{(10)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(22)}m_{130}^{(21)}\\
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&-m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(11)}m_{211}^{(22)} + m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(11)}m_{202}^{(21)} + m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(11)}m_{112}^{(20)}\\
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&-m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(20)}m_{112}^{(11)} + m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{220}^{(22)} - m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{202}^{(11)}\\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{121}^{(20)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{112}^{(10)} - m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(22)}m_{220}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(22)}m_{211}^{(11)} + m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(22)}m_{130}^{(20)} - m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(22)}m_{121}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(00)}m_{022}^{(22)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(00)}m_{013}^{(21)} - m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(00)}m_{004}^{(11)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(11)}m_{202}^{(22)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(11)}m_{103}^{(20)} + m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(11)}m_{004}^{(00)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(20)}m_{121}^{(22)} - 4m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(20)}m_{112}^{(21)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(20)}m_{103}^{(11)}\\
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&+m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{022}^{(00)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(00)}m_{031}^{(22)} - 4m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(00)}m_{022}^{(21)}\\
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&+4m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{022}^{(00)} - 4m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(22)}m_{220}^{(21)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(22)}m_{211}^{(11)}\\
&+4m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(22)}m_{130}^{(20)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(22)}m_{031}^{(00)} - m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(00)}m_{121}^{(22)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(00)}m_{112}^{(21)} - m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(00)}m_{103}^{(11)} + m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(11)}m_{301}^{(22)}\\
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&+4m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{211}^{(20)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{112}^{(00)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(22)}m_{310}^{(21)}\\
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&+m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(00)}m_{112}^{(22)} - m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(00)}m_{103}^{(21)} - m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(00)}m_{013}^{(20)}\\
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&+m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(22)}m_{211}^{(20)} + m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(22)}m_{202}^{(10)} - m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(22)}m_{112}^{(00)}
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&-2m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(00)}m_{013}^{(10)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(10)}m_{211}^{(22)} - 4m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(10)}m_{112}^{(20)}\\
&+2m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(10)}m_{013}^{(00)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(20)}m_{220}^{(22)} - 4m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(20)}m_{211}^{(21)}\\
&+4m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(20)}m_{112}^{(10)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(20)}m_{022}^{(00)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(21)}m_{310}^{(22)}\\
&+4m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(21)}m_{211}^{(20)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(21)}m_{112}^{(00)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(22)}m_{310}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(22)}m_{220}^{(20)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(22)}m_{211}^{(10)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(22)}m_{121}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(00)}m_{211}^{(22)} - m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(00)}m_{202}^{(21)} - m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(00)}m_{112}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(00)}m_{103}^{(10)} - m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(10)}m_{301}^{(22)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(10)}m_{202}^{(20)}\\
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&+m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(22)}m_{310}^{(20)} + m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(22)}m_{301}^{(10)} - m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(22)}m_{211}^{(00)}\\
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&+4m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(10)}m_{112}^{(11)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(11)}m_{220}^{(22)} + 4m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(11)}m_{211}^{(21)}\\
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&+8m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{121}^{(10)} - 4m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{031}^{(00)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(22)}m_{220}^{(11)}\\
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&+4m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{211}^{(21)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{202}^{(11)} + m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(11)}m_{310}^{(22)}\\
&-2m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(11)}m_{301}^{(21)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(11)}m_{202}^{(10)} - m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(11)}m_{112}^{(00)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{301}^{(11)} - 4m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{211}^{(10)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{121}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(22)}m_{310}^{(11)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(22)}m_{220}^{(10)} - m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(22)}m_{130}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(00)}m_{121}^{(22)} + m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(00)}m_{103}^{(11)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(00)}m_{022}^{(20)}\\
&-2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(00)}m_{013}^{(10)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{211}^{(22)} - 4m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{112}^{(20)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{013}^{(00)} - m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(11)}m_{301}^{(22)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(11)}m_{202}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(11)}m_{103}^{(00)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{202}^{(11)} + 4m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{112}^{(10)}\\
&-2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{022}^{(00)} + m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(22)}m_{301}^{(11)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(22)}m_{211}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(22)}m_{121}^{(00)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(00)}m_{130}^{(22)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(00)}m_{112}^{(11)}\\
&-4m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(00)}m_{031}^{(20)} + 4m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(00)}m_{022}^{(10)} - 4m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{220}^{(22)}\\
&+8m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{121}^{(20)} - 4m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{022}^{(00)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(11)}m_{310}^{(22)}\\
&-4m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(11)}m_{211}^{(20)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(11)}m_{112}^{(00)} + 4m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{211}^{(11)}\\
&-8m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{121}^{(10)} + 4m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{031}^{(00)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(22)}m_{310}^{(11)}
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&+m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{202}^{(11)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{121}^{(20)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{112}^{(10)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{310}^{(22)} - 4m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{211}^{(20)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{112}^{(00)}\\
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&+m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(00)}m_{121}^{(21)} - m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(00)}m_{112}^{(11)} - m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(00)}m_{031}^{(20)}\\
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&+2m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{121}^{(20)} - m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{022}^{(00)} + m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(11)}m_{301}^{(21)}\\
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&+m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{211}^{(11)} - 2m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{121}^{(10)} + m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{031}^{(00)}\\
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&+2m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(21)}m_{310}^{(11)} - 4m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(21)}m_{220}^{(10)} + 2m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(21)}m_{130}^{(00)}\\
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&+m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(11)}m_{211}^{(22)} - m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(11)}m_{202}^{(21)} - m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(11)}m_{112}^{(20)}\\
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&+2m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{121}^{(20)} - 2m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{112}^{(10)} + m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(22)}m_{220}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(22)}m_{211}^{(11)} - m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(22)}m_{130}^{(20)} + m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(22)}m_{121}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(00)}m_{031}^{(22)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(00)}m_{022}^{(21)} - m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(00)}m_{013}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(11)}m_{211}^{(22)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(11)}m_{112}^{(20)} + m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(11)}m_{013}^{(00)}
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&+2m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{130}^{(22)} - 4m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{121}^{(21)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{112}^{(11)}\\
&-2m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{220}^{(22)} + 4m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{121}^{(20)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{022}^{(00)}\\
&+2m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{220}^{(21)} - m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{211}^{(11)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{130}^{(20)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(22)}m_{031}^{(00)} + m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(00)}m_{121}^{(22)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(00)}m_{112}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(00)}m_{103}^{(11)} - m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(11)}m_{301}^{(22)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(11)}m_{202}^{(20)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(11)}m_{103}^{(00)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{220}^{(22)} + 4m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{211}^{(21)}\\
&-2m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{202}^{(11)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{310}^{(22)} - 4m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{211}^{(20)}\\
&+2m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{112}^{(00)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(22)}m_{310}^{(21)} + m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(22)}m_{301}^{(11)}\\
&+2m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(22)}m_{220}^{(20)} - m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(22)}m_{121}^{(00)} + m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(00)}m_{121}^{(22)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(00)}m_{112}^{(21)} - m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(00)}m_{022}^{(20)} + m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(00)}m_{013}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(10)}m_{211}^{(22)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(10)}m_{112}^{(20)} - m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(10)}m_{013}^{(00)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{220}^{(22)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{211}^{(21)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{112}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{022}^{(00)} + m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{310}^{(22)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{211}^{(20)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{112}^{(00)} - m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(22)}m_{310}^{(21)} + m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(22)}m_{220}^{(20)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(22)}m_{211}^{(10)} - m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(22)}m_{121}^{(00)} - m_{000}^{(20)}m_{001}^{(11)}m_{020}^{(00)}m_{211}^{(22)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{020}^{(00)}m_{202}^{(21)} + m_{000}^{(20)}m_{001}^{(11)}m_{020}^{(00)}m_{112}^{(20)} - m_{000}^{(20)}m_{001}^{(11)}m_{020}^{(00)}m_{103}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{020}^{(10)}m_{301}^{(22)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{020}^{(10)}m_{202}^{(20)} + m_{000}^{(20)}m_{001}^{(11)}m_{020}^{(10)}m_{103}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{020}^{(20)}m_{310}^{(22)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{020}^{(20)}m_{301}^{(21)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{020}^{(20)}m_{202}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{020}^{(20)}m_{112}^{(00)} - m_{000}^{(20)}m_{001}^{(11)}m_{020}^{(21)}m_{400}^{(22)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{020}^{(21)}m_{301}^{(20)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{020}^{(21)}m_{202}^{(00)} + m_{000}^{(20)}m_{001}^{(11)}m_{020}^{(22)}m_{400}^{(21)} - m_{000}^{(20)}m_{001}^{(11)}m_{020}^{(22)}m_{310}^{(20)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{020}^{(22)}m_{301}^{(10)} + m_{000}^{(20)}m_{001}^{(11)}m_{020}^{(22)}m_{211}^{(00)} + m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(00)}m_{040}^{(22)}\\
&-2m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(00)}m_{031}^{(21)} + m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(00)}m_{022}^{(11)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{130}^{(22)}\\
&+4m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{121}^{(21)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{112}^{(11)} + m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{220}^{(22)}\\
&-2m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{211}^{(21)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{112}^{(10)} - m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{022}^{(00)}\\
&+2m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{211}^{(11)} - 4m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{121}^{(10)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{031}^{(00)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(22)}m_{220}^{(11)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(22)}m_{130}^{(10)} - m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(22)}m_{040}^{(00)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(00)}m_{130}^{(22)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(00)}m_{121}^{(21)} - m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(00)}m_{112}^{(11)}\\
&+2m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{220}^{(22)} - 4m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{211}^{(21)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{202}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(11)}m_{310}^{(22)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(11)}m_{301}^{(21)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(11)}m_{202}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(11)}m_{112}^{(00)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{301}^{(11)} + 4m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{211}^{(10)}\\
&-2m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{121}^{(00)} + m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(22)}m_{310}^{(11)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(22)}m_{220}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(22)}m_{130}^{(00)} - m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{130}^{(22)} + m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{112}^{(11)}\\
&+2m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{031}^{(20)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{022}^{(10)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{220}^{(22)}\\
&-4m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{121}^{(20)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{022}^{(00)} - m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{310}^{(22)}\\
&+2m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{211}^{(20)} - m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(11)}m_{112}^{(00)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{211}^{(11)}\\
&+4m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{121}^{(10)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{031}^{(00)} + m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(22)}m_{310}^{(11)}\\
&-2m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(22)}m_{220}^{(10)} + m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(22)}m_{130}^{(00)} + m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{220}^{(22)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{202}^{(11)} - 2m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{121}^{(20)} + 2m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{112}^{(10)}
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&-2m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{310}^{(22)}+4m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{211}^{(20)}-2m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{112}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(11)}m_{400}^{(22)}-2m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(11)}m_{301}^{(20)}+m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(11)}m_{202}^{(00)}\\
&+2m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{301}^{(11)}-4m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{211}^{(10)}+2m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{121}^{(00)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(22)}m_{400}^{(11)}+2m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(22)}m_{310}^{(10)}-m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(22)}m_{220}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{130}^{(21)}-m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{121}^{(11)}-m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{040}^{(20)}\\
&+m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(00)}m_{031}^{(10)}-2m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{220}^{(21)}+m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{211}^{(11)}\\
&+2m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{130}^{(20)}-m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(10)}m_{031}^{(00)}+m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{310}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{220}^{(20)}-m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{211}^{(10)}+m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(11)}m_{121}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(20)}m_{220}^{(11)}-2m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(20)}m_{130}^{(10)}+m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(20)}m_{040}^{(00)}\\
&-m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(21)}m_{310}^{(11)}+2m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(21)}m_{220}^{(10)}-m_{000}^{(20)}m_{001}^{(22)}m_{110}^{(21)}m_{130}^{(00)}\\
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&-m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(00)}m_{121}^{(10)}+2m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{310}^{(21)}-m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{301}^{(11)}\\
&-2m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{220}^{(20)}+m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(10)}m_{121}^{(00)}-m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(11)}m_{400}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(11)}m_{310}^{(20)}+m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(11)}m_{301}^{(10)}-m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(11)}m_{211}^{(00)}\\
&-m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(20)}m_{310}^{(11)}+2m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(20)}m_{220}^{(10)}-m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(20)}m_{130}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(21)}m_{400}^{(11)}-2m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(21)}m_{310}^{(10)}+m_{000}^{(20)}m_{001}^{(22)}m_{020}^{(21)}m_{220}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(10)}m_{022}^{(22)}-2m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(10)}m_{013}^{(21)}+m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(10)}m_{004}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(11)}m_{112}^{(22)}+m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(11)}m_{103}^{(21)}+m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(11)}m_{013}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(11)}m_{004}^{(10)}-m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(20)}m_{031}^{(22)}+2m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(20)}m_{022}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(20)}m_{013}^{(11)}+m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(21)}m_{121}^{(22)}-m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(21)}m_{103}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(21)}m_{022}^{(20)}+2m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(21)}m_{013}^{(10)}-m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(22)}m_{121}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(22)}m_{112}^{(11)}+m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(22)}m_{031}^{(20)}-m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(22)}m_{022}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(10)}m_{031}^{(22)}-2m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(10)}m_{022}^{(21)}+m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(10)}m_{013}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(11)}m_{121}^{(22)}+m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(11)}m_{112}^{(21)}+m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(11)}m_{022}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(11)}m_{013}^{(10)}-m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(20)}m_{040}^{(22)}+2m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(20)}m_{031}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(20)}m_{022}^{(11)}+m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(21)}m_{130}^{(22)}-m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(21)}m_{112}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(21)}m_{031}^{(20)}+2m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(21)}m_{022}^{(10)}-m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(22)}m_{130}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(22)}m_{121}^{(11)}+m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(22)}m_{040}^{(20)}-m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(22)}m_{031}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(10)}m_{121}^{(22)}+4m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(10)}m_{112}^{(21)}-2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(10)}m_{103}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(11)}m_{211}^{(22)}-2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(11)}m_{202}^{(21)}-2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(11)}m_{112}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(11)}m_{103}^{(10)}+2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(20)}m_{130}^{(22)}-4m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(20)}m_{121}^{(21)}\\
&+2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(20)}m_{112}^{(11)}-2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(21)}m_{220}^{(22)}+2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(21)}m_{202}^{(11)}\\
&+4m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(21)}m_{121}^{(20)}-4m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(21)}m_{112}^{(10)}+2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(22)}m_{220}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(22)}m_{211}^{(11)}-2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(22)}m_{130}^{(20)}+2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(22)}m_{121}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(00)}m_{022}^{(22)}+2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(00)}m_{013}^{(21)}-m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(00)}m_{004}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(11)}m_{202}^{(22)}-2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(11)}m_{103}^{(20)}+m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(11)}m_{004}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(20)}m_{121}^{(22)}-4m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(20)}m_{112}^{(21)}+2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(20)}m_{103}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(21)}m_{211}^{(22)}+4m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(21)}m_{112}^{(20)}-2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(21)}m_{013}^{(00)}
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$$+2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(22)}m_{211}^{(21)} - m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(22)}m_{202}^{(11)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}m_{121}^{(20)}$$
$$+m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(22)}m_{022}^{(00)} - m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(00)}m_{031}^{(22)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(00)}m_{022}^{(21)}$$
$$-m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(00)}m_{013}^{(11)} + m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(11)}m_{211}^{(22)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(11)}m_{112}^{(20)}$$
$$+m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(11)}m_{013}^{(00)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(20)}m_{130}^{(22)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(20)}m_{121}^{(21)}$$
$$+2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(20)}m_{112}^{(11)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(21)}m_{220}^{(22)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(21)}m_{121}^{(20)}$$
$$-2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(21)}m_{022}^{(00)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(22)}m_{220}^{(21)} - m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(22)}m_{211}^{(11)}$$
$$-2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(22)}m_{130}^{(20)} + m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(22)}m_{031}^{(00)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(00)}m_{121}^{(22)}$$
$$-4m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(00)}m_{112}^{(21)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(00)}m_{103}^{(11)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(11)}m_{301}^{(22)}$$
$$+4m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(11)}m_{202}^{(20)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(11)}m_{103}^{(00)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(20)}m_{220}^{(22)}$$
$$+8m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(20)}m_{211}^{(21)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(20)}m_{202}^{(11)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(21)}m_{310}^{(22)}$$
$$-8m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(21)}m_{211}^{(20)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(21)}m_{112}^{(00)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(22)}m_{310}^{(21)}$$
$$+2m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(22)}m_{301}^{(11)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(22)}m_{220}^{(20)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(22)}m_{121}^{(00)}$$
$$+m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(00)}m_{112}^{(22)} - m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(00)}m_{103}^{(21)} - m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(00)}m_{013}^{(20)}$$
$$+m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(00)}m_{004}^{(10)} - m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(10)}m_{202}^{(22)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(10)}m_{103}^{(20)}$$
$$-m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(10)}m_{004}^{(00)} - m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(20)}m_{211}^{(22)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(20)}m_{202}^{(21)}$$
$$-2m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(20)}m_{103}^{(10)} + m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(20)}m_{013}^{(00)} + m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(21)}m_{301}^{(22)}$$
$$-2m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(21)}m_{202}^{(20)} + m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(21)}m_{103}^{(00)} - m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(22)}m_{301}^{(21)}$$
$$+m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(22)}m_{211}^{(20)} + m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(22)}m_{202}^{(10)} - m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(22)}m_{112}^{(00)}$$
$$+m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(00)}m_{121}^{(22)} - m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(00)}m_{112}^{(21)} - m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(00)}m_{022}^{(20)}$$
$$+m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(00)}m_{013}^{(10)} - m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(10)}m_{211}^{(22)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(10)}m_{112}^{(20)}$$
$$-m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(10)}m_{013}^{(00)} - m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(20)}m_{220}^{(22)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(20)}m_{211}^{(21)}$$
$$-2m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(20)}m_{112}^{(10)} + m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(20)}m_{022}^{(00)} + m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(21)}m_{310}^{(22)}$$
$$-2m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(21)}m_{211}^{(20)} + m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(21)}m_{112}^{(00)} - m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(22)}m_{310}^{(21)}$$
$$+m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(22)}m_{220}^{(20)} + m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(22)}m_{211}^{(10)} - m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(22)}m_{121}^{(00)}$$
$$-2m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(00)}m_{211}^{(22)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(00)}m_{202}^{(21)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(00)}m_{112}^{(20)}$$
$$-2m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(00)}m_{103}^{(10)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(10)}m_{301}^{(22)} - 4m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(10)}m_{202}^{(20)}$$
$$+2m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(10)}m_{103}^{(00)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(20)}m_{310}^{(22)} - 4m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(20)}m_{301}^{(21)}$$
$$+4m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(20)}m_{202}^{(10)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(20)}m_{112}^{(00)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(21)}m_{400}^{(22)}$$
$$+4m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(21)}m_{301}^{(20)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(21)}m_{202}^{(00)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(22)}m_{400}^{(21)}$$
$$-2m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(22)}m_{310}^{(20)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(22)}m_{301}^{(10)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(22)}m_{211}^{(00)}$$
$$+m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(00)}m_{031}^{(22)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(00)}m_{022}^{(21)} + m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(00)}m_{013}^{(11)}$$
$$-2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(10)}m_{121}^{(22)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(10)}m_{112}^{(21)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(10)}m_{103}^{(11)}$$
$$+m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(11)}m_{211}^{(22)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(11)}m_{202}^{(21)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(11)}m_{103}^{(10)}$$
$$-m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(11)}m_{013}^{(00)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(21)}m_{202}^{(11)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(21)}m_{112}^{(10)}$$
$$+2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(21)}m_{022}^{(00)} - m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(22)}m_{211}^{(11)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(22)}m_{121}^{(10)}$$
$$-m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(22)}m_{031}^{(00)} + m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(00)}m_{040}^{(22)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(00)}m_{031}^{(21)}$$
$$+m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(00)}m_{022}^{(11)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(10)}m_{130}^{(22)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(10)}m_{121}^{(21)}$$
$$-2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(10)}m_{112}^{(11)} + m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(11)}m_{220}^{(22)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(11)}m_{211}^{(21)}$$

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\begin{aligned}
&+2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(11)}m_{112}^{(10)} - m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(11)}m_{022}^{(00)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(21)}m_{211}^{(11)}\\
&-4m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(21)}m_{121}^{(10)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(21)}m_{031}^{(00)} - m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(22)}m_{220}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(22)}m_{130}^{(10)} - m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(22)}m_{040}^{(00)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(00)}m_{130}^{(22)}\\
&+4m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(00)}m_{121}^{(21)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(11)}m_{112}^{(21)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(10)}m_{220}^{(22)}\\
&-8m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(10)}m_{211}^{(21)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(10)}m_{202}^{(11)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(11)}m_{310}^{(22)}\\
&+4m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(11)}m_{301}^{(21)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(11)}m_{202}^{(10)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(11)}m_{112}^{(00)}\\
&-4m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(21)}m_{301}^{(11)} + 8m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(21)}m_{211}^{(10)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(21)}m_{121}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(22)}m_{310}^{(11)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(22)}m_{220}^{(10)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(22)}m_{130}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(00)}m_{121}^{(22)} + m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(00)}m_{103}^{(11)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(00)}m_{022}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(00)}m_{013}^{(10)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(10)}m_{211}^{(22)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(10)}m_{112}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(10)}m_{013}^{(00)} - m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(11)}m_{301}^{(22)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(11)}m_{202}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(11)}m_{103}^{(00)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(20)}m_{202}^{(11)} + 4m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(20)}m_{112}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(20)}m_{022}^{(00)} + m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(22)}m_{301}^{(11)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(22)}m_{211}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(22)}m_{121}^{(00)} - m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(00)}m_{130}^{(22)} + m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(00)}m_{112}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(00)}m_{031}^{(20)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(00)}m_{022}^{(10)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(10)}m_{220}^{(22)}\\
&-4m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(10)}m_{121}^{(20)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(10)}m_{022}^{(00)} - m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(11)}m_{310}^{(22)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(11)}m_{211}^{(20)} - m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(11)}m_{112}^{(00)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(20)}m_{211}^{(11)}\\
&+4m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(20)}m_{121}^{(10)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(20)}m_{031}^{(00)} + m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(22)}m_{310}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(22)}m_{220}^{(10)} + m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(22)}m_{130}^{(00)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(00)}m_{220}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(00)}m_{202}^{(11)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(00)}m_{121}^{(20)} + 4m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(00)}m_{112}^{(10)}\\
&-4m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(10)}m_{310}^{(22)} + 8m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(10)}m_{211}^{(20)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(10)}m_{112}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(11)}m_{400}^{(22)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(11)}m_{301}^{(20)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(11)}m_{202}^{(00)}\\
&+4m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(20)}m_{301}^{(11)} - 8m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(20)}m_{211}^{(10)} + 4m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(20)}m_{121}^{(00)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(22)}m_{400}^{(11)} + 4m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(22)}m_{310}^{(10)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(22)}m_{220}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(00)}m_{121}^{(21)} - m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(00)}m_{112}^{(11)} - m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(00)}m_{031}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(00)}m_{022}^{(10)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{211}^{(21)} + m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{202}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{121}^{(20)} - m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{022}^{(00)} + m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(22)}m_{301}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(11)}m_{211}^{(20)} - m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(11)}m_{202}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(11)}m_{112}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(20)}m_{211}^{(11)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(20)}m_{121}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(20)}m_{031}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(21)}m_{301}^{(11)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(21)}m_{211}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(21)}m_{121}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(00)}m_{130}^{(21)} - m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(00)}m_{121}^{(11)} - m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(00)}m_{040}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(00)}m_{031}^{(10)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(10)}m_{220}^{(21)} + m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(10)}m_{211}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(10)}m_{130}^{(20)} - m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(10)}m_{031}^{(00)} + m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(11)}m_{310}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(11)}m_{220}^{(20)} - m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(11)}m_{211}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(11)}m_{121}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(20)}m_{211}^{(11)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(20)}m_{130}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(20)}m_{040}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(21)}m_{310}^{(11)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(21)}m_{220}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(21)}m_{130}^{(00)}\\
&-2m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(00)}m_{220}^{(21)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(00)}m_{211}^{(11)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(00)}m_{130}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(00)}m_{121}^{(10)} + 4m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(10)}m_{310}^{(21)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(10)}m_{301}^{(11)}
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&-4m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(10)}m_{220}^{(20)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(10)}m_{121}^{(00)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(11)}m_{400}^{(21)}\\
&+2m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(11)}m_{310}^{(20)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(11)}m_{301}^{(10)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(11)}m_{211}^{(00)}\\
&-2m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(20)}m_{310}^{(11)} + 4m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(20)}m_{220}^{(10)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(20)}m_{130}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(21)}m_{400}^{(11)} - 4m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(21)}m_{310}^{(10)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(21)}m_{220}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(10)}m_{022}^{(22)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(10)}m_{013}^{(21)} - m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(10)}m_{004}^{(11)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(11)}m_{112}^{(22)} - m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(11)}m_{103}^{(21)} - m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(11)}m_{013}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(11)}m_{004}^{(10)} + m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(20)}m_{031}^{(22)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(20)}m_{022}^{(21)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(20)}m_{013}^{(11)} - m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(21)}m_{121}^{(22)} + m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(21)}m_{103}^{(11)}\\
&+2m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(21)}m_{022}^{(20)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(21)}m_{013}^{(10)} + m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(22)}m_{121}^{(21)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(22)}m_{112}^{(11)} - m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(22)}m_{031}^{(20)} + m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(22)}m_{022}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(10)}m_{121}^{(22)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(10)}m_{112}^{(21)} + m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(10)}m_{103}^{(11)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(11)}m_{211}^{(22)} + m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(11)}m_{202}^{(21)} + m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(11)}m_{112}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(11)}m_{103}^{(10)} - m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(20)}m_{130}^{(22)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(20)}m_{121}^{(21)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(20)}m_{112}^{(11)} + m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(21)}m_{220}^{(22)} - m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(21)}m_{202}^{(11)}\\
&-2m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(21)}m_{121}^{(20)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(21)}m_{112}^{(10)} - m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(22)}m_{220}^{(21)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(22)}m_{211}^{(11)} + m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(22)}m_{130}^{(20)} - m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(22)}m_{121}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(00)}m_{022}^{(22)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(00)}m_{013}^{(21)} + m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(00)}m_{004}^{(11)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(11)}m_{202}^{(22)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(11)}m_{103}^{(20)} - m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(11)}m_{004}^{(00)}\\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(20)}m_{121}^{(22)} + 4m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(20)}m_{112}^{(21)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(20)}m_{103}^{(11)}\\
&+2m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(21)}m_{211}^{(22)} - 4m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(21)}m_{112}^{(20)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(21)}m_{013}^{(00)}\\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(22)}m_{211}^{(21)} + m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(22)}m_{202}^{(11)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(22)}m_{121}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(22)}m_{022}^{(00)} - m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(00)}m_{121}^{(22)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(00)}m_{112}^{(21)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(00)}m_{103}^{(11)} + m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(11)}m_{301}^{(22)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(11)}m_{202}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(11)}m_{103}^{(00)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{220}^{(22)} - 4m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{211}^{(21)}\\
&+2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{202}^{(11)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{310}^{(22)} + 4m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{211}^{(20)}\\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{112}^{(00)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(22)}m_{310}^{(21)} - m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(22)}m_{301}^{(11)}\\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(22)}m_{220}^{(20)} + m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(22)}m_{121}^{(00)} - m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(11)}m_{112}^{(22)}\\
&+m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(00)}m_{103}^{(21)} + m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(00)}m_{013}^{(20)} - m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(00)}m_{004}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(10)}m_{202}^{(22)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(10)}m_{103}^{(20)} + m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(10)}m_{004}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(20)}m_{211}^{(22)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(20)}m_{202}^{(21)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(20)}m_{103}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(20)}m_{013}^{(00)} - m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(21)}m_{301}^{(22)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(21)}m_{202}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(21)}m_{103}^{(00)} + m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(22)}m_{301}^{(21)} - m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(22)}m_{211}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(22)}m_{202}^{(10)} + m_{000}^{(21)}m_{010}^{(11)}m_{200}^{(22)}m_{112}^{(00)} + m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(00)}m_{211}^{(22)}\\
&-m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(00)}m_{202}^{(21)} - m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(00)}m_{112}^{(20)} + m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(00)}m_{103}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(10)}m_{301}^{(22)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(10)}m_{202}^{(20)} - m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(10)}m_{103}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{310}^{(22)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{301}^{(21)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{202}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(20)}m_{112}^{(00)} + m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(21)}m_{400}^{(22)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(21)}m_{301}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(21)}m_{202}^{(00)} - m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(22)}m_{400}^{(21)} + m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(22)}m_{310}^{(20)}
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$$+m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(22)}m_{301}^{(10)} - m_{000}^{(21)}m_{010}^{(11)}m_{101}^{(22)}m_{211}^{(00)} - m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(00)}m_{031}^{(22)}$$
$$+2m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(00)}m_{022}^{(21)} - m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(00)}m_{013}^{(11)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(10)}m_{121}^{(22)}$$
$$-4m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(10)}m_{112}^{(21)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(10)}m_{103}^{(11)} - m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(11)}m_{211}^{(22)}$$
$$+2m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(11)}m_{202}^{(21)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(11)}m_{103}^{(10)} + m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(11)}m_{013}^{(00)}$$
$$-2m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{202}^{(11)} + 4m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{112}^{(10)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{022}^{(00)}$$
$$+m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(22)}m_{211}^{(11)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(22)}m_{121}^{(10)} + m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(22)}m_{031}^{(00)}$$
$$+m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(00)}m_{130}^{(22)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(00)}m_{121}^{(21)} + m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(00)}m_{112}^{(11)}$$
$$-2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{220}^{(22)} + 4m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{211}^{(21)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{202}^{(11)}$$
$$+m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(11)}m_{310}^{(22)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(11)}m_{301}^{(21)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(11)}m_{202}^{(10)}$$
$$-m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(11)}m_{112}^{(00)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{301}^{(11)} - 4m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{211}^{(10)}$$
$$+2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{121}^{(00)} - m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(22)}m_{310}^{(11)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(22)}m_{220}^{(10)}$$
$$-m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(22)}m_{130}^{(00)} + m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(00)}m_{121}^{(22)} - m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(00)}m_{103}^{(11)}$$
$$-2m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(00)}m_{022}^{(20)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(00)}m_{013}^{(10)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(10)}m_{211}^{(22)}$$
$$+4m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(10)}m_{112}^{(20)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(10)}m_{013}^{(00)} + m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(11)}m_{301}^{(22)}$$
$$-2m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(11)}m_{202}^{(20)} + m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(11)}m_{103}^{(00)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{202}^{(11)}$$
$$-4m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{112}^{(10)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{022}^{(00)} - m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(22)}m_{301}^{(11)}$$
$$+2m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(22)}m_{211}^{(10)} - m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(22)}m_{121}^{(00)} - m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{220}^{(22)}$$
$$+m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{202}^{(11)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{121}^{(20)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{112}^{(10)}$$
$$+2m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{310}^{(22)} - 4m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{211}^{(20)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{112}^{(00)}$$
$$-m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(11)}m_{400}^{(22)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(11)}m_{301}^{(20)} - m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(11)}m_{202}^{(00)}$$
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$$-m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(00)}m_{121}^{(21)} + m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(00)}m_{112}^{(11)} + m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(00)}m_{031}^{(20)}$$
$$-m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(00)}m_{022}^{(10)} + 2m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{211}^{(21)} - m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{202}^{(11)}$$
$$-2m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{121}^{(20)} + m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{022}^{(00)} - m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(11)}m_{301}^{(21)}$$
$$+m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(11)}m_{211}^{(20)} + m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(11)}m_{202}^{(10)} - m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(11)}m_{112}^{(00)}$$
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$$+m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{301}^{(11)} - 2m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{211}^{(10)} + m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(21)}m_{121}^{(00)}$$
$$+m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(00)}m_{220}^{(21)} - m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(00)}m_{211}^{(11)} - m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(00)}m_{130}^{(20)}$$
$$+m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(00)}m_{121}^{(10)} - 2m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{310}^{(21)} + m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{301}^{(11)}$$
$$+2m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{220}^{(20)} - m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{121}^{(00)} + m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(11)}m_{400}^{(21)}$$
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$$-m_{000}^{(21)}m_{001}^{(00)}m_{200}^{(10)}m_{031}^{(22)} + 2m_{000}^{(21)}m_{001}^{(00)}m_{200}^{(10)}m_{022}^{(21)} - m_{000}^{(21)}m_{001}^{(00)}m_{200}^{(10)}m_{013}^{(11)}$$
$$+m_{000}^{(21)}m_{001}^{(00)}m_{200}^{(11)}m_{121}^{(22)} - m_{000}^{(21)}m_{001}^{(00)}m_{200}^{(11)}m_{112}^{(21)} - m_{000}^{(21)}m_{001}^{(00)}m_{200}^{(11)}m_{022}^{(20)}$$
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&+2m_{000}^{(21)}m_{001}^{(00)}m_{200}^{(21)}m_{031}^{(20)} - 2m_{000}^{(21)}m_{001}^{(00)}m_{200}^{(21)}m_{022}^{(10)} + m_{000}^{(21)}m_{001}^{(00)}m_{200}^{(22)}m_{130}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(00)}m_{200}^{(22)}m_{121}^{(11)} - m_{000}^{(21)}m_{001}^{(00)}m_{200}^{(22)}m_{040}^{(20)} + m_{000}^{(21)}m_{001}^{(00)}m_{200}^{(22)}m_{031}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(10)}m_{121}^{(22)} - 2m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(10)}m_{112}^{(21)} + m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(10)}m_{103}^{(11)}\\
&-m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(11)}m_{211}^{(22)} + m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(11)}m_{202}^{(21)} + m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(11)}m_{112}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(11)}m_{103}^{(10)} - m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{130}^{(22)} + 2m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{121}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{112}^{(11)} + m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{220}^{(22)} - m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{202}^{(11)}\\
&-2m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{121}^{(20)} + 2m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{112}^{(10)} - m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(22)}m_{220}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(22)}m_{211}^{(11)} + m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(22)}m_{130}^{(20)} - m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(22)}m_{121}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(00)}m_{031}^{(22)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(00)}m_{022}^{(21)} + m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(00)}m_{013}^{(11)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(11)}m_{211}^{(22)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(11)}m_{112}^{(20)} - m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(11)}m_{013}^{(00)}\\
&-2m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{130}^{(22)} + 4m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{121}^{(21)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{112}^{(11)}\\
&+2m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{220}^{(22)} - 4m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{121}^{(20)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{022}^{(00)}\\
&-2m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(22)}m_{220}^{(21)} + m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(22)}m_{211}^{(11)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(22)}m_{130}^{(20)}\\
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&+m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(11)}m_{103}^{(00)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{220}^{(22)} - 4m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{211}^{(21)}\\
&+2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{202}^{(11)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{310}^{(22)} + 4m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{211}^{(20)}\\
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&-2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(22)}m_{220}^{(20)} + m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(22)}m_{121}^{(11)} - m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(00)}m_{121}^{(22)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(00)}m_{112}^{(21)} + m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(00)}m_{022}^{(20)} - m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(00)}m_{013}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{211}^{(22)} - 2m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{112}^{(20)} + m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{013}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{220}^{(22)} - 2m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{211}^{(21)} + 2m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{112}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{022}^{(00)} - m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{310}^{(22)} + 2m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{211}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{112}^{(00)} + m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(22)}m_{310}^{(21)} - m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(22)}m_{220}^{(20)}\\
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&-m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(00)}m_{202}^{(21)} - m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(00)}m_{112}^{(20)} + m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(00)}m_{103}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(10)}m_{301}^{(22)} + 2m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(10)}m_{202}^{(20)} - m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(10)}m_{103}^{(00)}\\
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&+m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(21)}m_{202}^{(00)} - m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(22)}m_{400}^{(21)} + m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(22)}m_{310}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(22)}m_{301}^{(10)} - m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(22)}m_{211}^{(00)} - m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(00)}m_{040}^{(22)}\\
&+2m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(00)}m_{031}^{(21)} - m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(00)}m_{022}^{(11)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{130}^{(22)}\\
&-4m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{121}^{(21)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{112}^{(11)} - m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{220}^{(22)}\\
&+2m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{211}^{(21)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{112}^{(10)} + m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{022}^{(00)}\\
&-2m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{211}^{(11)} + 4m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{121}^{(10)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{031}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(22)}m_{220}^{(11)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(22)}m_{130}^{(10)} + m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(22)}m_{040}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{130}^{(22)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{121}^{(21)} + m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{112}^{(11)}\\
&-2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{220}^{(22)} + 4m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{211}^{(21)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{202}^{(11)}
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&-m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{112}^{(00)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{301}^{(11)} - 4m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{211}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{121}^{(00)} - m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(22)}m_{310}^{(11)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(22)}m_{220}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(22)}m_{130}^{(00)} + m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{130}^{(22)} - m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{112}^{(11)}\\
&-2m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{031}^{(20)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{022}^{(10)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{220}^{(22)}\\
&+4m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{121}^{(20)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{022}^{(00)} + m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(11)}m_{310}^{(22)}\\
&-2m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(11)}m_{211}^{(20)} + m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(11)}m_{112}^{(00)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{211}^{(11)}\\
&-4m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{121}^{(10)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{031}^{(00)} - m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(22)}m_{310}^{(11)}\\
&+2m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(22)}m_{220}^{(10)} - m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(22)}m_{130}^{(00)} - m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{220}^{(22)}\\
&+m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{202}^{(11)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{121}^{(20)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{112}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{310}^{(22)} - 4m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{211}^{(20)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{112}^{(00)}\\
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&-2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{301}^{(11)} + 4m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{211}^{(10)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{121}^{(00)}\\
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&-m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(00)}m_{031}^{(10)} + 2m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{220}^{(21)} - m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{211}^{(11)}\\
&-2m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{130}^{(20)} + m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{031}^{(00)} - m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{310}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{220}^{(20)} + m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{211}^{(10)} - m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{121}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(20)}m_{220}^{(11)} + 2m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(20)}m_{130}^{(10)} - m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(20)}m_{040}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(21)}m_{310}^{(11)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(21)}m_{220}^{(10)} + m_{000}^{(21)}m_{001}^{(22)}m_{200}^{(21)}m_{130}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{220}^{(21)} - m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{211}^{(11)} - m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{130}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(00)}m_{121}^{(10)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{310}^{(21)} + m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{301}^{(11)}\\
&+2m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{220}^{(20)} - m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(10)}m_{121}^{(00)} + m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(11)}m_{400}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(11)}m_{310}^{(20)} - m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(11)}m_{301}^{(10)} + m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(11)}m_{211}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(20)}m_{310}^{(11)} - 2m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(20)}m_{220}^{(10)} + m_{000}^{(21)}m_{001}^{(22)}m_{110}^{(20)}m_{130}^{(00)}\\
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&+2m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(21)}m_{031}^{(20)} - 2m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(21)}m_{022}^{(10)} + m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(22)}m_{130}^{(21)}\\
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&-m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(11)}m_{211}^{(22)} + m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(11)}m_{202}^{(21)} + m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(11)}m_{112}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(11)}m_{103}^{(10)} - m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(20)}m_{130}^{(22)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(20)}m_{121}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(20)}m_{112}^{(11)} + m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(21)}m_{220}^{(22)} - m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(21)}m_{202}^{(11)}\\
&-2m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(21)}m_{121}^{(20)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(21)}m_{112}^{(10)} - m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(22)}m_{220}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(22)}m_{211}^{(11)} + m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(22)}m_{130}^{(20)} - m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(22)}m_{121}^{(10)}
\end{aligned}
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\begin{aligned}
&+m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(00)}m_{031}^{(22)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(00)}m_{022}^{(21)} + m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(00)}m_{013}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(11)}m_{211}^{(22)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(11)}m_{112}^{(20)} - m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(11)}m_{013}^{(00)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(20)}m_{130}^{(22)} + 4m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(20)}m_{121}^{(21)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(20)}m_{112}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(21)}m_{220}^{(22)} - 4m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(21)}m_{121}^{(20)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(21)}m_{022}^{(00)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(22)}m_{220}^{(21)} + m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(22)}m_{211}^{(11)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(22)}m_{130}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(22)}m_{031}^{(00)} - m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(00)}m_{121}^{(22)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(00)}m_{112}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(00)}m_{103}^{(11)} + m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(11)}m_{301}^{(22)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(11)}m_{202}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(11)}m_{103}^{(00)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(20)}m_{220}^{(22)} - 4m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(20)}m_{211}^{(21)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(20)}m_{202}^{(11)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(21)}m_{310}^{(22)} + 4m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(21)}m_{211}^{(20)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(21)}m_{112}^{(00)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(22)}m_{310}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(22)}m_{301}^{(11)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(22)}m_{220}^{(20)} + m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(00)}m_{121}^{(22)} - m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(00)}m_{121}^{(22)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(00)}m_{112}^{(21)} + m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(00)}m_{022}^{(20)} - m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(00)}m_{013}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(10)}m_{211}^{(22)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(10)}m_{112}^{(20)} + m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(10)}m_{013}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(20)}m_{220}^{(22)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(20)}m_{211}^{(21)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(20)}m_{112}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(20)}m_{022}^{(00)} - m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(21)}m_{310}^{(22)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(21)}m_{211}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(21)}m_{112}^{(00)} + m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(22)}m_{310}^{(21)} - m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(22)}m_{220}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(22)}m_{211}^{(10)} + m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(22)}m_{121}^{(00)} + m_{000}^{(22)}m_{100}^{(11)}m_{020}^{(00)}m_{211}^{(22)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{020}^{(00)}m_{202}^{(21)} - m_{000}^{(22)}m_{100}^{(11)}m_{020}^{(20)}m_{112}^{(00)} + m_{000}^{(22)}m_{100}^{(11)}m_{020}^{(10)}m_{103}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{020}^{(10)}m_{301}^{(22)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{020}^{(10)}m_{202}^{(20)} - m_{000}^{(22)}m_{100}^{(11)}m_{020}^{(10)}m_{103}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{020}^{(20)}m_{310}^{(22)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{020}^{(20)}m_{301}^{(21)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{020}^{(20)}m_{202}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{020}^{(20)}m_{112}^{(00)} + m_{000}^{(22)}m_{100}^{(11)}m_{020}^{(21)}m_{400}^{(22)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{020}^{(21)}m_{301}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{020}^{(21)}m_{202}^{(00)} - m_{000}^{(22)}m_{100}^{(11)}m_{020}^{(22)}m_{400}^{(21)} + m_{000}^{(22)}m_{100}^{(11)}m_{020}^{(22)}m_{310}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{020}^{(22)}m_{301}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{020}^{(22)}m_{211}^{(00)} - m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(00)}m_{040}^{(22)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(00)}m_{031}^{(21)} - m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(00)}m_{022}^{(11)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(10)}m_{130}^{(22)}\\
&-4m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(10)}m_{121}^{(21)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(10)}m_{112}^{(11)} - m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(11)}m_{220}^{(22)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(11)}m_{211}^{(21)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(11)}m_{112}^{(10)} + m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(11)}m_{022}^{(00)}\\
&-2m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(21)}m_{211}^{(11)} + 4m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(21)}m_{121}^{(10)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(21)}m_{031}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(22)}m_{220}^{(11)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(22)}m_{130}^{(10)} + m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(22)}m_{040}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(00)}m_{130}^{(22)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(00)}m_{121}^{(21)} + m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(00)}m_{112}^{(11)}\\
&-2m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(10)}m_{220}^{(22)} + 4m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(10)}m_{211}^{(21)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(10)}m_{202}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(11)}m_{310}^{(22)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(11)}m_{301}^{(21)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(11)}m_{202}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(11)}m_{112}^{(00)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(21)}m_{301}^{(11)} - 4m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(21)}m_{211}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(21)}m_{121}^{(00)} - m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(22)}m_{310}^{(11)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(22)}m_{220}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(22)}m_{130}^{(00)} + m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(00)}m_{130}^{(22)} - m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(00)}m_{112}^{(11)}\\
&-2m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(00)}m_{031}^{(20)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(00)}m_{022}^{(10)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(10)}m_{220}^{(22)}\\
&+4m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(10)}m_{121}^{(20)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(10)}m_{022}^{(00)} + m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(11)}m_{310}^{(22)}\\
&-2m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(11)}m_{211}^{(20)} + m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(11)}m_{112}^{(00)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(20)}m_{211}^{(11)}\\
&-4m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(20)}m_{121}^{(10)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(20)}m_{031}^{(00)} - m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(22)}m_{310}^{(11)}
\end{aligned}
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$$+2m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(22)}m_{220}^{(10)} - m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(22)}m_{130}^{(00)} - m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(00)}m_{220}^{(22)}$$
$$+m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(00)}m_{202}^{(11)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(00)}m_{121}^{(20)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(00)}m_{112}^{(10)}$$
$$+2m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(10)}m_{310}^{(22)} - 4m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(10)}m_{211}^{(20)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(10)}m_{112}^{(00)}$$
$$-m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(11)}m_{400}^{(22)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(11)}m_{301}^{(20)} - m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(11)}m_{202}^{(00)}$$
$$-2m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(20)}m_{301}^{(11)} + 4m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(20)}m_{211}^{(10)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(20)}m_{121}^{(00)}$$
$$+m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(22)}m_{400}^{(11)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(22)}m_{310}^{(10)} + m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(22)}m_{220}^{(00)}$$
$$-m_{000}^{(22)}m_{100}^{(22)}m_{110}^{(00)}m_{130}^{(21)} + m_{000}^{(22)}m_{100}^{(22)}m_{110}^{(00)}m_{121}^{(11)} + m_{000}^{(22)}m_{100}^{(22)}m_{110}^{(00)}m_{040}^{(20)}$$
$$-m_{000}^{(22)}m_{100}^{(22)}m_{110}^{(00)}m_{031}^{(10)} + 2m_{000}^{(22)}m_{100}^{(22)}m_{110}^{(10)}m_{220}^{(21)} - m_{000}^{(22)}m_{100}^{(22)}m_{110}^{(10)}m_{211}^{(11)}$$
$$-2m_{000}^{(22)}m_{100}^{(22)}m_{110}^{(10)}m_{130}^{(20)} + m_{000}^{(22)}m_{100}^{(22)}m_{110}^{(10)}m_{031}^{(00)} - m_{000}^{(22)}m_{100}^{(22)}m_{110}^{(11)}m_{310}^{(21)}$$
$$+m_{000}^{(22)}m_{100}^{(22)}m_{110}^{(11)}m_{220}^{(20)} + m_{000}^{(22)}m_{100}^{(22)}m_{110}^{(11)}m_{211}^{(10)} - m_{000}^{(22)}m_{100}^{(22)}m_{110}^{(11)}m_{121}^{(00)}$$
$$-m_{000}^{(22)}m_{100}^{(22)}m_{110}^{(20)}m_{220}^{(11)} + 2m_{000}^{(22)}m_{100}^{(22)}m_{110}^{(20)}m_{130}^{(10)} - m_{000}^{(22)}m_{100}^{(22)}m_{110}^{(20)}m_{040}^{(00)}$$
$$+m_{000}^{(22)}m_{100}^{(22)}m_{110}^{(21)}m_{310}^{(11)} - 2m_{000}^{(22)}m_{100}^{(22)}m_{110}^{(21)}m_{220}^{(10)} + m_{000}^{(22)}m_{100}^{(22)}m_{110}^{(21)}m_{130}^{(00)}$$
$$+m_{000}^{(22)}m_{100}^{(22)}m_{020}^{(00)}m_{220}^{(21)} - m_{000}^{(22)}m_{100}^{(22)}m_{020}^{(00)}m_{211}^{(11)} - m_{000}^{(22)}m_{100}^{(22)}m_{020}^{(00)}m_{130}^{(20)}$$
$$+m_{000}^{(22)}m_{100}^{(22)}m_{020}^{(00)}m_{121}^{(10)} - 2m_{000}^{(22)}m_{100}^{(22)}m_{020}^{(10)}m_{310}^{(21)} + m_{000}^{(22)}m_{100}^{(22)}m_{020}^{(10)}m_{301}^{(11)}$$
$$+2m_{000}^{(22)}m_{100}^{(22)}m_{020}^{(10)}m_{220}^{(20)} - m_{000}^{(22)}m_{100}^{(22)}m_{020}^{(10)}m_{121}^{(00)} + m_{000}^{(22)}m_{100}^{(22)}m_{020}^{(11)}m_{400}^{(21)}$$
$$-m_{000}^{(22)}m_{100}^{(22)}m_{020}^{(11)}m_{310}^{(20)} - m_{000}^{(22)}m_{100}^{(22)}m_{020}^{(11)}m_{301}^{(10)} + m_{000}^{(22)}m_{100}^{(22)}m_{020}^{(11)}m_{211}^{(00)}$$
$$+m_{000}^{(22)}m_{100}^{(22)}m_{020}^{(20)}m_{310}^{(11)} - 2m_{000}^{(22)}m_{100}^{(22)}m_{020}^{(20)}m_{220}^{(10)} + m_{000}^{(22)}m_{100}^{(22)}m_{020}^{(20)}m_{130}^{(00)}$$
$$-m_{000}^{(22)}m_{100}^{(22)}m_{020}^{(21)}m_{400}^{(11)} + 2m_{000}^{(22)}m_{100}^{(22)}m_{020}^{(21)}m_{310}^{(10)} - m_{000}^{(22)}m_{100}^{(22)}m_{020}^{(21)}m_{220}^{(00)}$$
$$+m_{000}^{(22)}m_{010}^{(00)}m_{200}^{(10)}m_{031}^{(22)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{200}^{(10)}m_{022}^{(21)} + m_{000}^{(22)}m_{010}^{(00)}m_{200}^{(10)}m_{013}^{(11)}$$
$$-m_{000}^{(22)}m_{010}^{(00)}m_{200}^{(11)}m_{121}^{(22)} + m_{000}^{(22)}m_{010}^{(00)}m_{200}^{(11)}m_{112}^{(21)} + m_{000}^{(22)}m_{010}^{(00)}m_{200}^{(11)}m_{022}^{(20)}$$
$$-m_{000}^{(22)}m_{010}^{(00)}m_{200}^{(11)}m_{013}^{(10)} - m_{000}^{(22)}m_{010}^{(00)}m_{200}^{(20)}m_{040}^{(22)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{200}^{(20)}m_{031}^{(21)}$$
$$-m_{000}^{(22)}m_{010}^{(00)}m_{200}^{(20)}m_{022}^{(11)} + m_{000}^{(22)}m_{010}^{(00)}m_{200}^{(21)}m_{130}^{(22)} - m_{000}^{(22)}m_{010}^{(00)}m_{200}^{(21)}m_{112}^{(11)}$$
$$-2m_{000}^{(22)}m_{010}^{(00)}m_{200}^{(21)}m_{031}^{(20)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{200}^{(21)}m_{022}^{(10)} - m_{000}^{(22)}m_{010}^{(00)}m_{200}^{(22)}m_{130}^{(21)}$$
$$+m_{000}^{(22)}m_{010}^{(00)}m_{200}^{(22)}m_{121}^{(11)} + m_{000}^{(22)}m_{010}^{(00)}m_{200}^{(22)}m_{040}^{(20)} - m_{000}^{(22)}m_{010}^{(00)}m_{200}^{(22)}m_{031}^{(10)}$$
$$-m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(10)}m_{121}^{(22)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(10)}m_{112}^{(21)} - m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(10)}m_{103}^{(11)}$$
$$+m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(11)}m_{211}^{(22)} - m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(11)}m_{202}^{(21)} - m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(11)}m_{112}^{(20)}$$
$$+m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(11)}m_{103}^{(10)} + m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(20)}m_{130}^{(22)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(20)}m_{121}^{(21)}$$
$$+m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(20)}m_{112}^{(11)} - m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(21)}m_{220}^{(22)} + m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(21)}m_{202}^{(11)}$$
$$+2m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(21)}m_{121}^{(20)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(21)}m_{112}^{(10)} + m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(22)}m_{220}^{(21)}$$
$$-m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(22)}m_{211}^{(11)} - m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(22)}m_{130}^{(20)} + m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(22)}m_{121}^{(10)}$$
$$-m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(00)}m_{031}^{(22)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(00)}m_{022}^{(21)} - m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(00)}m_{013}^{(11)}$$
$$+m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(11)}m_{211}^{(22)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(11)}m_{112}^{(20)} + m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(11)}m_{013}^{(00)}$$
$$+2m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(20)}m_{130}^{(22)} - 4m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(20)}m_{121}^{(21)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(20)}m_{112}^{(11)}$$
$$-2m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(21)}m_{220}^{(22)} + 4m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(21)}m_{121}^{(20)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(21)}m_{022}^{(00)}$$
$$+2m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(22)}m_{220}^{(21)} - m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(22)}m_{211}^{(11)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(22)}m_{130}^{(20)}$$
$$+m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(22)}m_{031}^{(00)} + m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(00)}m_{121}^{(22)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(00)}m_{112}^{(21)}$$
$$+m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(00)}m_{103}^{(11)} - m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(11)}m_{301}^{(22)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(11)}m_{202}^{(20)}$$
$$-m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(11)}m_{103}^{(00)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(20)}m_{220}^{(22)} + 4m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(20)}m_{211}^{(21)}$$

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\begin{aligned}
&-2m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(20)}m_{202}^{(11)}+2m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(21)}m_{310}^{(22)}-4m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(21)}m_{211}^{(20)}\\
&+2m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(21)}m_{112}^{(00)}-2m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(22)}m_{310}^{(21)}+m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(22)}m_{301}^{(11)}\\
&+2m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(22)}m_{220}^{(20)}-m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(22)}m_{121}^{(00)}+m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(00)}m_{121}^{(22)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(00)}m_{112}^{(21)}-m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(00)}m_{022}^{(20)}+m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(00)}m_{013}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(10)}m_{211}^{(22)}+2m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(10)}m_{112}^{(20)}-m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(10)}m_{013}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(20)}m_{220}^{(22)}+2m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(20)}m_{211}^{(21)}-2m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(20)}m_{112}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(20)}m_{022}^{(00)}+m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(21)}m_{310}^{(22)}-2m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(21)}m_{211}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(21)}m_{112}^{(00)}-m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(22)}m_{310}^{(21)}+m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(22)}m_{220}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(22)}m_{211}^{(10)}-m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(22)}m_{121}^{(00)}-m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(00)}m_{211}^{(22)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(00)}m_{202}^{(21)}+m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(00)}m_{112}^{(20)}-m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(00)}m_{103}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(10)}m_{301}^{(22)}-2m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(10)}m_{202}^{(20)}+m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(10)}m_{103}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(20)}m_{310}^{(22)}-2m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(20)}m_{301}^{(21)}+2m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(20)}m_{202}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(20)}m_{112}^{(00)}-m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(21)}m_{400}^{(22)}+2m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(21)}m_{301}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(21)}m_{202}^{(00)}+m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(22)}m_{400}^{(21)}-m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(22)}m_{310}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(22)}m_{301}^{(10)}+m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(22)}m_{211}^{(00)}+m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(00)}m_{040}^{(22)}\\
&-2m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(00)}m_{031}^{(21)}+m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(00)}m_{022}^{(11)}-2m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(10)}m_{130}^{(22)}\\
&+4m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(10)}m_{121}^{(21)}-2m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(10)}m_{112}^{(11)}+m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(11)}m_{220}^{(22)}\\
&-2m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(11)}m_{211}^{(21)}+2m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(11)}m_{112}^{(10)}-m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(11)}m_{022}^{(00)}\\
&+2m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(21)}m_{211}^{(11)}-4m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(21)}m_{121}^{(10)}+2m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(21)}m_{031}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(22)}m_{220}^{(11)}+2m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(22)}m_{130}^{(10)}-m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(22)}m_{040}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(00)}m_{130}^{(22)}+2m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(00)}m_{121}^{(21)}-m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(00)}m_{112}^{(11)}\\
&+2m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(10)}m_{220}^{(22)}-4m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(10)}m_{211}^{(21)}+2m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(10)}m_{202}^{(11)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(11)}m_{310}^{(22)}+2m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(11)}m_{301}^{(21)}-2m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(11)}m_{202}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(11)}m_{112}^{(00)}-2m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(21)}m_{301}^{(11)}+4m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(21)}m_{211}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(21)}m_{121}^{(00)}+m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(22)}m_{310}^{(11)}-2m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(22)}m_{220}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(22)}m_{130}^{(00)}-m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(00)}m_{130}^{(22)}+m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(00)}m_{112}^{(11)}\\
&+2m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(00)}m_{031}^{(20)}-2m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(00)}m_{022}^{(10)}+2m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(10)}m_{220}^{(22)}\\
&-4m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(10)}m_{121}^{(20)}+2m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(10)}m_{022}^{(00)}-m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(11)}m_{310}^{(22)}\\
&+2m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(11)}m_{211}^{(20)}-m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(11)}m_{112}^{(00)}-2m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(20)}m_{211}^{(11)}\\
&+4m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(20)}m_{121}^{(10)}-2m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(20)}m_{031}^{(00)}+m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(22)}m_{310}^{(11)}\\
&-2m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(22)}m_{220}^{(10)}+m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(22)}m_{130}^{(00)}+m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(00)}m_{220}^{(22)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(00)}m_{202}^{(11)}-2m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(00)}m_{121}^{(20)}+2m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(00)}m_{112}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{310}^{(22)}+4m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{211}^{(20)}-2m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{112}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(11)}m_{400}^{(22)}-2m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(11)}m_{301}^{(20)}+m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(11)}m_{202}^{(00)}\\
&+2m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(20)}m_{301}^{(11)}-4m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(20)}m_{211}^{(10)}+2m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(20)}m_{121}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(22)}m_{400}^{(11)}+2m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(22)}m_{310}^{(10)}-m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(22)}m_{220}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(22)}m_{200}^{(00)}m_{130}^{(21)}-m_{000}^{(22)}m_{010}^{(22)}m_{200}^{(00)}m_{121}^{(11)}-m_{000}^{(22)}m_{010}^{(22)}m_{200}^{(00)}m_{040}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(22)}m_{200}^{(00)}m_{031}^{(10)}-2m_{000}^{(22)}m_{010}^{(22)}m_{200}^{(10)}m_{220}^{(21)}+m_{000}^{(22)}m_{010}^{(22)}m_{200}^{(10)}m_{211}^{(11)}
\end{aligned}
$$

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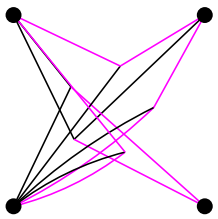
\begin{aligned}
&+2m_{000}^{(22)}m_{010}^{(22)}m_{200}^{(10)}m_{130}^{(20)} - m_{000}^{(22)}m_{010}^{(22)}m_{200}^{(10)}m_{031}^{(00)} + m_{000}^{(22)}m_{010}^{(22)}m_{200}^{(11)}m_{310}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(22)}m_{200}^{(11)}m_{220}^{(20)} - m_{000}^{(22)}m_{010}^{(22)}m_{200}^{(11)}m_{211}^{(10)} + m_{000}^{(22)}m_{010}^{(22)}m_{200}^{(11)}m_{121}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(22)}m_{200}^{(20)}m_{220}^{(11)} - 2m_{000}^{(22)}m_{010}^{(22)}m_{200}^{(20)}m_{130}^{(10)} + m_{000}^{(22)}m_{010}^{(22)}m_{200}^{(20)}m_{040}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(22)}m_{200}^{(21)}m_{310}^{(11)} + 2m_{000}^{(22)}m_{010}^{(22)}m_{200}^{(21)}m_{220}^{(10)} - m_{000}^{(22)}m_{010}^{(22)}m_{200}^{(21)}m_{130}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(22)}m_{110}^{(00)}m_{220}^{(21)} + m_{000}^{(22)}m_{010}^{(22)}m_{110}^{(00)}m_{211}^{(11)} + m_{000}^{(22)}m_{010}^{(22)}m_{110}^{(00)}m_{130}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(22)}m_{110}^{(00)}m_{121}^{(10)} + 2m_{000}^{(22)}m_{010}^{(22)}m_{110}^{(10)}m_{310}^{(21)} - m_{000}^{(22)}m_{010}^{(22)}m_{110}^{(10)}m_{301}^{(11)}\\
&-2m_{000}^{(22)}m_{010}^{(22)}m_{110}^{(10)}m_{220}^{(20)} + m_{000}^{(22)}m_{010}^{(22)}m_{110}^{(10)}m_{121}^{(00)} - m_{000}^{(22)}m_{010}^{(22)}m_{110}^{(11)}m_{400}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(22)}m_{110}^{(11)}m_{310}^{(20)} + m_{000}^{(22)}m_{010}^{(22)}m_{110}^{(11)}m_{301}^{(10)} - m_{000}^{(22)}m_{010}^{(22)}m_{110}^{(11)}m_{211}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(22)}m_{110}^{(20)}m_{310}^{(11)} + 2m_{000}^{(22)}m_{010}^{(22)}m_{110}^{(20)}m_{220}^{(10)} - m_{000}^{(22)}m_{010}^{(22)}m_{110}^{(20)}m_{130}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(22)}m_{110}^{(21)}m_{400}^{(11)} - 2m_{000}^{(22)}m_{010}^{(22)}m_{110}^{(21)}m_{310}^{(10)} + m_{000}^{(22)}m_{010}^{(22)}m_{110}^{(21)}m_{220}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{ccccc}
V1 & V1 & 1 & 1 & 2\\
1 & 1 & V2 & 2 & 3\\
V2 & V3 & V3 & V4 & V4
\end{array}
$$



$$
\begin{aligned}
T_{170} \;=\;& -m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(20)}m_{022}^{(22)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(20)}m_{013}^{(21)} - m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(20)}m_{004}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(21)}m_{112}^{(22)} - m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(21)}m_{103}^{(21)} - m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(21)}m_{013}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(21)}m_{004}^{(10)} - m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(22)}m_{112}^{(21)} + m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(22)}m_{103}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(22)}m_{022}^{(20)} - m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(22)}m_{013}^{(10)} + m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(20)}m_{031}^{(22)}\\
&-2m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(20)}m_{022}^{(21)} + m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(20)}m_{013}^{(11)} - m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(21)}m_{121}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(21)}m_{112}^{(21)} + m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(21)}m_{022}^{(20)} - m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(21)}m_{013}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(22)}m_{121}^{(21)} - m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(22)}m_{112}^{(11)} - m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(22)}m_{031}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(22)}m_{022}^{(10)} + m_{000}^{(00)}m_{010}^{(10)}m_{020}^{(20)}m_{112}^{(22)} - m_{000}^{(00)}m_{010}^{(10)}m_{020}^{(20)}m_{103}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{020}^{(20)}m_{013}^{(20)} + m_{000}^{(00)}m_{010}^{(10)}m_{020}^{(20)}m_{004}^{(10)} - m_{000}^{(00)}m_{010}^{(10)}m_{020}^{(21)}m_{202}^{(22)}\\
&+2m_{000}^{(00)}m_{010}^{(10)}m_{020}^{(21)}m_{103}^{(20)} - m_{000}^{(00)}m_{010}^{(10)}m_{020}^{(21)}m_{004}^{(00)} + m_{000}^{(00)}m_{010}^{(10)}m_{020}^{(22)}m_{202}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{020}^{(22)}m_{112}^{(20)} - m_{000}^{(00)}m_{010}^{(10)}m_{020}^{(22)}m_{103}^{(10)} + m_{000}^{(00)}m_{010}^{(10)}m_{020}^{(22)}m_{013}^{(00)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(20)}m_{121}^{(22)} + m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(20)}m_{103}^{(11)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(20)}m_{022}^{(20)}\\
&-2m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(20)}m_{013}^{(10)} + m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{211}^{(22)} + m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{202}^{(21)}
\end{aligned}
$$

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\begin{aligned}
&-3m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{112}^{(20)} - m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{103}^{(10)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{013}^{(00)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(22)}m_{211}^{(21)} - m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(22)}m_{202}^{(11)} + m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(22)}m_{121}^{(20)}\\
&+3m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(22)}m_{112}^{(10)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(22)}m_{022}^{(00)} + m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(20)}m_{121}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(20)}m_{112}^{(11)} - m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(20)}m_{031}^{(20)} + m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(20)}m_{022}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(21)}m_{211}^{(21)} + m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(21)}m_{121}^{(20)} + m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(21)}m_{112}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(21)}m_{022}^{(00)} + m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(22)}m_{211}^{(11)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(22)}m_{121}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(22)}m_{031}^{(00)} + m_{000}^{(00)}m_{010}^{(11)}m_{200}^{(20)}m_{022}^{(22)} - 2m_{000}^{(00)}m_{010}^{(11)}m_{200}^{(20)}m_{013}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{200}^{(20)}m_{004}^{(11)} - m_{000}^{(00)}m_{010}^{(11)}m_{200}^{(21)}m_{112}^{(22)} + m_{000}^{(00)}m_{010}^{(11)}m_{200}^{(21)}m_{103}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{200}^{(21)}m_{013}^{(20)} - m_{000}^{(00)}m_{010}^{(11)}m_{200}^{(21)}m_{004}^{(10)} + m_{000}^{(00)}m_{010}^{(11)}m_{200}^{(22)}m_{112}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{200}^{(22)}m_{103}^{(11)} - m_{000}^{(00)}m_{010}^{(11)}m_{200}^{(22)}m_{022}^{(20)} + m_{000}^{(00)}m_{010}^{(11)}m_{200}^{(22)}m_{013}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{110}^{(20)}m_{112}^{(22)} + m_{000}^{(00)}m_{010}^{(11)}m_{110}^{(20)}m_{103}^{(21)} + m_{000}^{(00)}m_{010}^{(11)}m_{110}^{(20)}m_{013}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{110}^{(20)}m_{004}^{(10)} + m_{000}^{(00)}m_{010}^{(11)}m_{110}^{(21)}m_{202}^{(22)} - 2m_{000}^{(00)}m_{010}^{(11)}m_{110}^{(21)}m_{103}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{110}^{(21)}m_{004}^{(00)} - m_{000}^{(00)}m_{010}^{(11)}m_{110}^{(22)}m_{202}^{(21)} + m_{000}^{(00)}m_{010}^{(11)}m_{110}^{(22)}m_{112}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{110}^{(22)}m_{103}^{(10)} - m_{000}^{(00)}m_{010}^{(11)}m_{110}^{(22)}m_{013}^{(00)} - m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(20)}m_{112}^{(22)}\\
&+3m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(20)}m_{112}^{(21)} - 2m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(20)}m_{103}^{(11)} - m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(20)}m_{022}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(20)}m_{013}^{(10)} + m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(21)}m_{211}^{(22)} - 2m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(21)}m_{202}^{(21)}\\
&+2m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(21)}m_{103}^{(10)} - m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(21)}m_{013}^{(00)} - m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(22)}m_{211}^{(21)}\\
&+2m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(22)}m_{202}^{(11)} + m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(22)}m_{121}^{(20)} - 3m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(22)}m_{112}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(22)}m_{022}^{(00)} + m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(20)}m_{211}^{(22)} - m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(20)}m_{202}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(20)}m_{112}^{(20)} + m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(20)}m_{103}^{(10)} - m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(21)}m_{301}^{(22)}\\
&+2m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(21)}m_{202}^{(20)} - m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(21)}m_{103}^{(00)} + m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(22)}m_{301}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(22)}m_{211}^{(20)} - m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(22)}m_{202}^{(10)} + m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(22)}m_{112}^{(00)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(20)}m_{211}^{(21)} + m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(20)}m_{202}^{(11)} + m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(20)}m_{121}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(20)}m_{112}^{(10)} + m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(21)}m_{301}^{(21)} - m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(21)}m_{211}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(21)}m_{202}^{(10)} + m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(21)}m_{112}^{(00)} - m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(22)}m_{301}^{(11)}\\
&+2m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(22)}m_{211}^{(10)} - m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(22)}m_{121}^{(00)} + m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(20)}m_{031}^{(22)}\\
&-2m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(20)}m_{022}^{(21)} + m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(20)}m_{013}^{(11)} - m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{121}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{112}^{(21)} + m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{022}^{(20)} - m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{013}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(22)}m_{121}^{(21)} - m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(22)}m_{112}^{(11)} - m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(22)}m_{031}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(22)}m_{022}^{(10)} - m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(20)}m_{040}^{(22)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(20)}m_{031}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(20)}m_{022}^{(11)} + m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(21)}m_{130}^{(22)} - m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(21)}m_{121}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(21)}m_{031}^{(20)} + m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(21)}m_{022}^{(10)} - m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(22)}m_{130}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(22)}m_{121}^{(11)} + m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(22)}m_{040}^{(20)} - m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(22)}m_{031}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{020}^{(20)}m_{121}^{(22)} + m_{000}^{(00)}m_{010}^{(20)}m_{020}^{(20)}m_{112}^{(21)} + m_{000}^{(00)}m_{010}^{(20)}m_{020}^{(20)}m_{022}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{020}^{(20)}m_{013}^{(10)} + m_{000}^{(00)}m_{010}^{(20)}m_{020}^{(21)}m_{211}^{(22)} - 2m_{000}^{(00)}m_{010}^{(20)}m_{020}^{(21)}m_{112}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{020}^{(21)}m_{013}^{(00)} - m_{000}^{(00)}m_{010}^{(20)}m_{020}^{(22)}m_{211}^{(21)} + m_{000}^{(00)}m_{010}^{(20)}m_{020}^{(22)}m_{121}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{020}^{(22)}m_{112}^{(10)} - m_{000}^{(00)}m_{010}^{(20)}m_{020}^{(22)}m_{022}^{(00)} + m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(20)}m_{130}^{(22)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(20)}m_{112}^{(11)} - 2m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(20)}m_{031}^{(20)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(20)}m_{022}^{(10)}
\end{aligned}
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\begin{aligned}
&-m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{220}^{(22)} - m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{211}^{(21)} + 3m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{121}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{112}^{(10)} - 2m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{022}^{(00)} + m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(22)}m_{220}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(22)}m_{211}^{(11)} - m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(22)}m_{130}^{(20)} - 3m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(22)}m_{121}^{(10)}\\
&+2m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(22)}m_{031}^{(00)} - m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(20)}m_{130}^{(21)} + m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(20)}m_{121}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(20)}m_{040}^{(20)} - m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(20)}m_{031}^{(10)} + m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{220}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{130}^{(20)} - m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{121}^{(10)} + m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{031}^{(00)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(22)}m_{220}^{(11)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(22)}m_{130}^{(10)} - m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(22)}m_{040}^{(00)}\\
&-2m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(20)}m_{031}^{(22)} + 4m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(20)}m_{022}^{(21)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(20)}m_{013}^{(11)}\\
&+2m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(21)}m_{121}^{(22)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(21)}m_{112}^{(21)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(21)}m_{022}^{(20)}\\
&+2m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(21)}m_{013}^{(10)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(22)}m_{121}^{(21)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(22)}m_{112}^{(11)}\\
&+2m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(22)}m_{031}^{(20)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(22)}m_{022}^{(10)} + 3m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(20)}m_{121}^{(22)}\\
&-4m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(20)}m_{112}^{(21)} + m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(20)}m_{103}^{(11)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(20)}m_{022}^{(20)}\\
&+2m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(20)}m_{013}^{(10)} - 3m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(21)}m_{211}^{(22)} + m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(21)}m_{202}^{(21)}\\
&+5m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(21)}m_{112}^{(20)} - m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(21)}m_{103}^{(10)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(21)}m_{013}^{(00)}\\
&+3m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(22)}m_{211}^{(21)} - m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(22)}m_{202}^{(11)} - 3m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(22)}m_{121}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(22)}m_{112}^{(10)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(22)}m_{022}^{(00)} + m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(20)}m_{130}^{(22)}\\
&-4m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(20)}m_{121}^{(21)} + 3m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(20)}m_{112}^{(11)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(20)}m_{031}^{(20)}\\
&-2m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(20)}m_{022}^{(10)} - m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{220}^{(22)} + 3m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{211}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{121}^{(20)} - 3m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{112}^{(10)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{022}^{(00)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(22)}m_{220}^{(21)} - 3m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(22)}m_{211}^{(11)} - m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(22)}m_{130}^{(20)}\\
&+5m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(22)}m_{121}^{(10)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(22)}m_{031}^{(00)} - m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(20)}m_{211}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(20)}m_{202}^{(21)} + m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(20)}m_{112}^{(20)} - m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(20)}m_{103}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(21)}m_{301}^{(22)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(21)}m_{202}^{(20)} + m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(21)}m_{103}^{(00)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(22)}m_{301}^{(21)} + m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(22)}m_{211}^{(20)} + m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(22)}m_{202}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(22)}m_{112}^{(00)} - m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{220}^{(22)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{211}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{202}^{(11)} + m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{310}^{(22)} - m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{301}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{211}^{(20)} + m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{202}^{(10)} - m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{310}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{301}^{(11)} + m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{220}^{(20)} - m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{211}^{(10)}\\
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&+m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(20)}m_{121}^{(10)} - m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(21)}m_{310}^{(21)} + m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(21)}m_{220}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(21)}m_{211}^{(10)} - m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(21)}m_{121}^{(00)} + m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(22)}m_{310}^{(11)}\\
&-2m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(22)}m_{220}^{(10)} + m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(22)}m_{130}^{(00)} + m_{000}^{(00)}m_{010}^{(22)}m_{200}^{(20)}m_{040}^{(22)}\\
&-2m_{000}^{(00)}m_{010}^{(22)}m_{200}^{(20)}m_{031}^{(21)} + m_{000}^{(00)}m_{010}^{(22)}m_{200}^{(20)}m_{022}^{(11)} - m_{000}^{(00)}m_{010}^{(22)}m_{200}^{(21)}m_{130}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{200}^{(21)}m_{121}^{(21)} + m_{000}^{(00)}m_{010}^{(22)}m_{200}^{(21)}m_{031}^{(20)} - m_{000}^{(00)}m_{010}^{(22)}m_{200}^{(21)}m_{022}^{(10)}\\
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&+m_{000}^{(00)}m_{010}^{(22)}m_{200}^{(22)}m_{031}^{(10)} - 2m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(20)}m_{130}^{(22)} + 3m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(20)}m_{121}^{(21)}\\
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&+2m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{220}^{(22)} - m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{211}^{(21)} - 3m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{121}^{(20)}
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&+m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{112}^{(10)}+m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{022}^{(00)}-2m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(22)}m_{220}^{(21)}\\
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&+m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{112}^{(20)}+m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{103}^{(10)}-m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{013}^{(00)}\\
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&+2m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(10)}m_{013}^{(10)}-m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{211}^{(22)}-m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(11)}m_{202}^{(21)}\\
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&+m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{211}^{(21)}+m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{202}^{(11)}-m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{121}^{(20)}\\
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&+m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{211}^{(21)}-m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{121}^{(20)}-m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{112}^{(10)}\\
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&+m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(10)}m_{004}^{(10)}-m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(11)}m_{202}^{(22)}+2m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(11)}m_{103}^{(20)}
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&-m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(11)}m_{004}^{(00)} + m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(21)}m_{202}^{(21)} - m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(21)}m_{112}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(21)}m_{103}^{(10)} + m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(21)}m_{013}^{(00)} + m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(10)}m_{121}^{(22)}\\
&-3m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(10)}m_{112}^{(21)} + 2m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(10)}m_{103}^{(11)} + m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(10)}m_{022}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(10)}m_{013}^{(10)} - m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(11)}m_{211}^{(22)} + 2m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(11)}m_{202}^{(21)}\\
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&+m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(10)}m_{022}^{(11)} - m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{130}^{(22)} + m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{121}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{031}^{(20)} - m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{022}^{(10)} + m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{130}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{121}^{(11)} - m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{040}^{(20)} + m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{031}^{(10)}\\
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&+m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{013}^{(10)} - m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{211}^{(22)} + 2m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{112}^{(20)}\\
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&+m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{220}^{(22)} + m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{211}^{(21)} - 3m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{121}^{(20)}\\
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&+m_{000}^{(00)}m_{001}^{(20)}m_{002}^{(21)}m_{220}^{(11)} - 2m_{000}^{(00)}m_{001}^{(20)}m_{002}^{(21)}m_{130}^{(10)} + m_{000}^{(00)}m_{001}^{(20)}m_{002}^{(21)}m_{040}^{(00)}\\
&+2m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(10)}m_{031}^{(22)} - 4m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(10)}m_{022}^{(21)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(10)}m_{013}^{(11)}\\
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&-2m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{013}^{(10)}+3m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(11)}m_{211}^{(22)}-m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(11)}m_{202}^{(21)}\\
&-5m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(11)}m_{112}^{(20)}+m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(11)}m_{103}^{(10)}+2m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(11)}m_{013}^{(00)}\\
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&+4m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{121}^{(21)}-3m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{112}^{(11)}-2m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{031}^{(20)}\\
&+2m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{022}^{(10)}+m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{220}^{(22)}-3m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{211}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{121}^{(20)}+3m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{112}^{(10)}-2m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{022}^{(00)}\\
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&-5m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{121}^{(10)}+2m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{031}^{(00)}+m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{211}^{(22)}\\
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&-m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(11)}m_{301}^{(22)}+2m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(11)}m_{202}^{(20)}-m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(11)}m_{103}^{(00)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{301}^{(21)}-m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{211}^{(20)}-m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{202}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{112}^{(00)}+m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{220}^{(22)}-2m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{211}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{202}^{(11)}-m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{310}^{(22)}+m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{301}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{211}^{(20)}-m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{202}^{(10)}+m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{310}^{(21)}\\
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&+m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(21)}m_{310}^{(11)} - 2m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(21)}m_{220}^{(10)} + m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(21)}m_{130}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(20)}m_{022}^{(22)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(20)}m_{013}^{(21)} + m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(20)}m_{004}^{(11)}\\
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&+2m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(20)}m_{022}^{(21)} - m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(20)}m_{013}^{(11)} + m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(21)}m_{121}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(21)}m_{112}^{(21)} - m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(21)}m_{022}^{(20)} + m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(21)}m_{013}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(22)}m_{121}^{(21)} + m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(22)}m_{112}^{(11)} + m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(22)}m_{031}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(22)}m_{022}^{(10)} - m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(20)}m_{112}^{(22)} + m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(20)}m_{103}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(20)}m_{013}^{(20)} - m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(20)}m_{004}^{(10)} + m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(21)}m_{202}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(21)}m_{103}^{(20)} + m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(21)}m_{004}^{(00)} - m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(22)}m_{202}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(22)}m_{112}^{(20)} + m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(22)}m_{103}^{(10)} - m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(22)}m_{013}^{(00)}\\
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&+2m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(20)}m_{013}^{(10)} - m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(21)}m_{211}^{(22)} - m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(21)}m_{202}^{(21)}\\
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&+m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(20)}m_{112}^{(11)} + m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(20)}m_{031}^{(20)} - m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(20)}m_{022}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(21)}m_{211}^{(21)} - m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(21)}m_{121}^{(20)} - m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(21)}m_{112}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(21)}m_{022}^{(00)} - m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(22)}m_{211}^{(11)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(22)}m_{121}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(22)}m_{031}^{(00)} - m_{000}^{(10)}m_{100}^{(11)}m_{200}^{(20)}m_{022}^{(22)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{200}^{(20)}m_{013}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{200}^{(20)}m_{004}^{(11)} + m_{000}^{(10)}m_{100}^{(11)}m_{200}^{(21)}m_{112}^{(22)} - m_{000}^{(10)}m_{100}^{(11)}m_{200}^{(21)}m_{103}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{200}^{(21)}m_{013}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{200}^{(21)}m_{004}^{(10)} - m_{000}^{(10)}m_{100}^{(11)}m_{200}^{(22)}m_{112}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{200}^{(22)}m_{103}^{(11)} + m_{000}^{(10)}m_{100}^{(11)}m_{200}^{(22)}m_{022}^{(20)} - m_{000}^{(10)}m_{100}^{(11)}m_{200}^{(22)}m_{013}^{(10)}\\
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&+m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(20)}m_{004}^{(10)} - m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(21)}m_{202}^{(22)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(21)}m_{103}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(21)}m_{004}^{(00)} + m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(22)}m_{202}^{(21)} - m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(22)}m_{112}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(22)}m_{103}^{(10)} + m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(22)}m_{013}^{(00)} + m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(20)}m_{121}^{(22)}\\
&-3m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(20)}m_{112}^{(21)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(20)}m_{103}^{(11)} + m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(20)}m_{022}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(20)}m_{013}^{(10)} - m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(21)}m_{211}^{(22)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(21)}m_{202}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(21)}m_{103}^{(10)} + m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(21)}m_{013}^{(00)} + m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(22)}m_{211}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(22)}m_{202}^{(11)} - m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(22)}m_{121}^{(20)} + 3m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(22)}m_{112}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(22)}m_{022}^{(00)} - m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(20)}m_{211}^{(22)} + m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(20)}m_{202}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(20)}m_{112}^{(20)} - m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(20)}m_{103}^{(10)} + m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(21)}m_{301}^{(22)}\\
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&+m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(22)}m_{211}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(22)}m_{202}^{(10)} - m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(22)}m_{112}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(20)}m_{211}^{(21)} - m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(20)}m_{202}^{(11)} - m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(20)}m_{121}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(20)}m_{112}^{(10)} - m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(21)}m_{301}^{(21)} + m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(21)}m_{211}^{(20)}
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&+m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(21)}m_{202}^{(10)} - m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(21)}m_{112}^{(00)} + m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(22)}m_{301}^{(11)}\\
&-2m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(22)}m_{211}^{(10)} + m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(22)}m_{121}^{(00)} - m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(20)}m_{031}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(20)}m_{022}^{(21)} - m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(20)}m_{013}^{(11)} + m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{121}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{112}^{(21)} - m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{022}^{(20)} + m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{013}^{(10)}\\
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&+m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(20)}m_{022}^{(11)} - m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{130}^{(22)} + m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{121}^{(21)}\\
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&+4m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(20)}m_{112}^{(21)} - m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(20)}m_{103}^{(11)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(20)}m_{022}^{(20)}\\
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&+4m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(20)}m_{121}^{(21)} - 3m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(20)}m_{112}^{(11)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(20)}m_{031}^{(20)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(20)}m_{022}^{(10)} + m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{220}^{(22)} - 3m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{211}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{121}^{(20)} + 3m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{112}^{(10)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{022}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(22)}m_{220}^{(21)} + 3m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(22)}m_{211}^{(11)} + m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(22)}m_{130}^{(20)}\\
&-5m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(22)}m_{121}^{(10)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(22)}m_{031}^{(00)} + m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(20)}m_{211}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(20)}m_{202}^{(21)} - m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(20)}m_{112}^{(20)} + m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(20)}m_{103}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(21)}m_{301}^{(22)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(21)}m_{202}^{(20)} - m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(21)}m_{103}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(22)}m_{301}^{(21)} - m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(22)}m_{211}^{(20)} - m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(22)}m_{202}^{(10)}
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\begin{aligned}
&+m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(22)}m_{112}^{(00)} + m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{220}^{(22)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{211}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{202}^{(11)} - m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{310}^{(22)} + m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{301}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{211}^{(20)} - m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{202}^{(10)} + m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(22)}m_{310}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(22)}m_{301}^{(11)} - m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(22)}m_{220}^{(20)} + m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(22)}m_{211}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(20)}m_{220}^{(21)} + m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(20)}m_{211}^{(11)} + m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(20)}m_{130}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(20)}m_{121}^{(10)} + m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(21)}m_{310}^{(21)} - m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(21)}m_{220}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(21)}m_{211}^{(10)} + m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(21)}m_{121}^{(00)} - m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(22)}m_{310}^{(11)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(22)}m_{220}^{(10)} - m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(22)}m_{130}^{(00)} - m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(20)}m_{040}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(20)}m_{031}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(20)}m_{022}^{(11)} + m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(21)}m_{130}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(21)}m_{121}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(21)}m_{031}^{(20)} + m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(21)}m_{022}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(22)}m_{130}^{(21)} + m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(22)}m_{121}^{(11)} + m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(22)}m_{040}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(22)}m_{031}^{(10)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(20)}m_{130}^{(22)} - 3m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(20)}m_{121}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(20)}m_{112}^{(11)} - m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(20)}m_{031}^{(20)} + m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(20)}m_{022}^{(10)}\\
&-2m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{220}^{(22)} + m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{211}^{(21)} + 3m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{121}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{112}^{(10)} - m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{022}^{(00)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(22)}m_{220}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(22)}m_{211}^{(11)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(22)}m_{130}^{(20)} + m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(22)}m_{031}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(20)}m_{130}^{(21)} + m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(20)}m_{121}^{(11)} + m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(20)}m_{040}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(20)}m_{031}^{(10)} + m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(21)}m_{220}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(21)}m_{130}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(21)}m_{121}^{(10)} + m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(21)}m_{031}^{(00)} - m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(22)}m_{220}^{(11)}\\
&+2m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(22)}m_{130}^{(10)} - m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(22)}m_{040}^{(00)} - m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(20)}m_{220}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(20)}m_{211}^{(21)} + m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(20)}m_{121}^{(20)} - m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(20)}m_{112}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(21)}m_{310}^{(22)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(21)}m_{211}^{(20)} + m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(21)}m_{112}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(22)}m_{310}^{(21)} + m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(22)}m_{220}^{(20)} + m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(22)}m_{211}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(22)}m_{121}^{(00)} + m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(20)}m_{220}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(20)}m_{211}^{(11)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(20)}m_{130}^{(20)} + m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(20)}m_{121}^{(10)} - m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(21)}m_{310}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(21)}m_{220}^{(20)} + m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(21)}m_{211}^{(10)} - m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(21)}m_{121}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(22)}m_{310}^{(11)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(22)}m_{220}^{(10)} + m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(22)}m_{130}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(20)}m_{022}^{(22)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(20)}m_{013}^{(21)} + m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(20)}m_{004}^{(11)}\\
&-m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(21)}m_{112}^{(22)} + m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(21)}m_{103}^{(21)} + m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(21)}m_{013}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(21)}m_{004}^{(10)} + m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(22)}m_{112}^{(21)} - m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(22)}m_{103}^{(11)}\\
&-m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(22)}m_{022}^{(20)} + m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(22)}m_{013}^{(10)} - m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(20)}m_{031}^{(22)}\\
&+2m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(20)}m_{022}^{(21)} - m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(20)}m_{013}^{(11)} + m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(21)}m_{121}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(21)}m_{112}^{(21)} - m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(21)}m_{022}^{(20)} + m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(21)}m_{013}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(22)}m_{121}^{(21)} + m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(22)}m_{112}^{(11)} + m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(22)}m_{031}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(22)}m_{022}^{(10)} - m_{000}^{(10)}m_{010}^{(00)}m_{020}^{(20)}m_{112}^{(22)} + m_{000}^{(10)}m_{010}^{(00)}m_{020}^{(20)}m_{103}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{020}^{(20)}m_{013}^{(20)} - m_{000}^{(10)}m_{010}^{(00)}m_{020}^{(20)}m_{004}^{(10)} + m_{000}^{(10)}m_{010}^{(00)}m_{020}^{(21)}m_{202}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(00)}m_{020}^{(21)}m_{103}^{(20)} + m_{000}^{(10)}m_{010}^{(00)}m_{020}^{(21)}m_{004}^{(00)} - m_{000}^{(10)}m_{010}^{(00)}m_{020}^{(22)}m_{202}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{020}^{(22)}m_{112}^{(20)} + m_{000}^{(10)}m_{010}^{(00)}m_{020}^{(22)}m_{103}^{(10)} - m_{000}^{(10)}m_{010}^{(00)}m_{020}^{(22)}m_{013}^{(00)}
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$$+m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(20)}m_{121}^{(22)} - m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(20)}m_{103}^{(11)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(20)}m_{022}^{(20)}$$
$$+2m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(20)}m_{013}^{(10)} - m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{211}^{(22)} - m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{202}^{(21)}$$
$$+3m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{112}^{(20)} + m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{103}^{(10)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{013}^{(00)}$$
$$+m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(22)}m_{211}^{(21)} + m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(22)}m_{202}^{(11)} - m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(22)}m_{121}^{(20)}$$
$$-3m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(22)}m_{112}^{(10)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(22)}m_{022}^{(00)} - m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(20)}m_{121}^{(21)}$$
$$+m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(20)}m_{112}^{(11)} + m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(20)}m_{031}^{(20)} - m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(20)}m_{022}^{(10)}$$
$$+m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(21)}m_{211}^{(21)} - m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(21)}m_{121}^{(20)} - m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(21)}m_{112}^{(10)}$$
$$+m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(21)}m_{022}^{(00)} - m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(22)}m_{211}^{(11)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(22)}m_{121}^{(10)}$$
$$-m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(22)}m_{031}^{(00)} - m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(20)}m_{022}^{(22)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(20)}m_{013}^{(21)}$$
$$-m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(20)}m_{004}^{(11)} + m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(21)}m_{112}^{(22)} - m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(21)}m_{103}^{(21)}$$
$$-m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(21)}m_{013}^{(20)} + m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(21)}m_{004}^{(10)} - m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(22)}m_{112}^{(21)}$$
$$+m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(22)}m_{103}^{(11)} + m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(22)}m_{022}^{(20)} - m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(22)}m_{013}^{(10)}$$
$$+m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(20)}m_{112}^{(22)} - m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(20)}m_{103}^{(21)} - m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(20)}m_{013}^{(20)}$$
$$+m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(20)}m_{004}^{(10)} - m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(21)}m_{202}^{(22)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(21)}m_{103}^{(20)}$$
$$-m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(21)}m_{004}^{(00)} + m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(22)}m_{202}^{(21)} - m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(22)}m_{112}^{(20)}$$
$$-m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(22)}m_{103}^{(10)} + m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(22)}m_{013}^{(00)} + m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(20)}m_{121}^{(22)}$$
$$-3m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(20)}m_{112}^{(21)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(20)}m_{103}^{(11)} + m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(20)}m_{022}^{(20)}$$
$$-m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(20)}m_{013}^{(10)} - m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(21)}m_{211}^{(22)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(21)}m_{202}^{(21)}$$
$$-2m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(21)}m_{103}^{(10)} + m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(21)}m_{013}^{(00)} + m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{211}^{(21)}$$
$$-2m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{202}^{(11)} - m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{121}^{(20)} + 3m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{112}^{(10)}$$
$$-m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{022}^{(00)} - m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(20)}m_{211}^{(22)} + m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(20)}m_{202}^{(21)}$$
$$+m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(20)}m_{112}^{(20)} - m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(20)}m_{103}^{(10)} + m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(21)}m_{301}^{(22)}$$
$$-2m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(21)}m_{202}^{(20)} + m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(21)}m_{103}^{(00)} - m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(22)}m_{301}^{(21)}$$
$$+m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(22)}m_{211}^{(20)} + m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(22)}m_{202}^{(10)} - m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(22)}m_{112}^{(00)}$$
$$+m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(20)}m_{211}^{(21)} - m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(20)}m_{202}^{(11)} - m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(20)}m_{121}^{(20)}$$
$$+m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(20)}m_{112}^{(10)} - m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(21)}m_{301}^{(21)} + m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(21)}m_{211}^{(20)}$$
$$+m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(21)}m_{202}^{(10)} - m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(21)}m_{112}^{(00)} + m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(22)}m_{301}^{(11)}$$
$$-2m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(22)}m_{211}^{(10)} + m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(22)}m_{121}^{(00)} + m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(20)}m_{031}^{(22)}$$
$$-2m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(20)}m_{022}^{(21)} + m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(20)}m_{013}^{(11)} - m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{121}^{(22)}$$
$$+m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{112}^{(21)} + m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{022}^{(20)} - m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{013}^{(10)}$$
$$+m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(22)}m_{121}^{(21)} - m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(22)}m_{112}^{(11)} - m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(22)}m_{031}^{(20)}$$
$$+m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(22)}m_{022}^{(10)} - 3m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{121}^{(22)} + 5m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{112}^{(21)}$$
$$-2m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{103}^{(11)} + m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{022}^{(20)} - m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{013}^{(10)}$$
$$+3m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{211}^{(22)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{202}^{(21)} - 4m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{112}^{(20)}$$
$$+2m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{103}^{(10)} + m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{013}^{(00)} - 3m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{211}^{(21)}$$
$$+2m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{202}^{(11)} + 3m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{121}^{(20)} - m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{112}^{(10)}$$
$$-m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{022}^{(00)} + m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(20)}m_{130}^{(22)} - m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(20)}m_{121}^{(21)}$$
$$-m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(20)}m_{031}^{(20)} + m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(20)}m_{022}^{(10)} - m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{220}^{(22)}$$

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\begin{aligned}
&+2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{121}^{(20)} - m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{022}^{(00)} + m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{220}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{130}^{(20)} - m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{121}^{(10)} + m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{031}^{(00)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{020}^{(20)}m_{211}^{(22)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{020}^{(20)}m_{202}^{(21)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{020}^{(20)}m_{112}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{020}^{(20)}m_{103}^{(10)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{020}^{(21)}m_{301}^{(22)} + 4m_{000}^{(10)}m_{010}^{(20)}m_{020}^{(21)}m_{202}^{(20)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{020}^{(21)}m_{103}^{(00)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{020}^{(22)}m_{301}^{(21)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{020}^{(22)}m_{211}^{(20)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{020}^{(22)}m_{202}^{(10)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{020}^{(22)}m_{112}^{(00)} - m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{220}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{211}^{(21)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{202}^{(11)} + 3m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{121}^{(20)}\\
&-3m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{112}^{(10)} + m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{310}^{(22)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{301}^{(21)}\\
&-4m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{211}^{(20)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{202}^{(10)} + 3m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{112}^{(00)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{310}^{(21)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{301}^{(11)} + m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{220}^{(20)}\\
&+5m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{211}^{(10)} - 3m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{121}^{(00)} + m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{220}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{211}^{(11)} - m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{130}^{(20)} + m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(20)}m_{121}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{310}^{(21)} + m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{220}^{(20)} + m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{211}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(21)}m_{121}^{(00)} + m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(22)}m_{310}^{(11)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(22)}m_{220}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(22)}m_{130}^{(00)} + m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(20)}m_{121}^{(22)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(20)}m_{112}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(20)}m_{103}^{(11)} - m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{211}^{(22)} + m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{202}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{112}^{(20)} - m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(21)}m_{103}^{(10)} + m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{211}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{202}^{(11)} - m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{121}^{(20)} + m_{000}^{(10)}m_{010}^{(21)}m_{200}^{(22)}m_{112}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{211}^{(22)} + m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{202}^{(21)} + m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{112}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(20)}m_{103}^{(10)} + m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(21)}m_{301}^{(22)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(21)}m_{202}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(21)}m_{103}^{(00)} - m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{301}^{(21)} + m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{211}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{202}^{(10)} - m_{000}^{(10)}m_{010}^{(21)}m_{110}^{(22)}m_{112}^{(00)} - m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{220}^{(22)}\\
&+3m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{211}^{(21)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{202}^{(11)} - m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{121}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(20)}m_{112}^{(10)} + m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{310}^{(22)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{301}^{(21)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{202}^{(10)} - m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(21)}m_{112}^{(00)} - m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{310}^{(21)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{301}^{(11)} + m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{220}^{(20)} - 3m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{211}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{101}^{(22)}m_{121}^{(00)} + m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{310}^{(22)} - m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{301}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{211}^{(20)} + m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{202}^{(10)} - m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(21)}m_{400}^{(22)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(21)}m_{301}^{(20)} - m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(21)}m_{202}^{(00)} + m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(22)}m_{400}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(22)}m_{310}^{(20)} - m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(22)}m_{301}^{(10)} + m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(22)}m_{211}^{(00)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{310}^{(21)} + m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{301}^{(11)} + m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{220}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(20)}m_{211}^{(10)} + m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{400}^{(21)} - m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{310}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{301}^{(10)} + m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(21)}m_{211}^{(00)} - m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(22)}m_{400}^{(11)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(22)}m_{310}^{(10)} - m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(22)}m_{220}^{(00)} - m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(20)}m_{130}^{(22)}\\
&+2m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(20)}m_{121}^{(21)} - m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(20)}m_{112}^{(11)} + m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(21)}m_{220}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(21)}m_{211}^{(21)} - m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(21)}m_{121}^{(20)} + m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(21)}m_{112}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(22)}m_{220}^{(21)} + m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(22)}m_{211}^{(11)} + m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(22)}m_{130}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(22)}m_{121}^{(10)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{220}^{(22)} - 3m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{211}^{(21)}
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&+m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{202}^{(11)} - m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{121}^{(20)} + m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{112}^{(10)}\\
&-2m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{310}^{(22)} + m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{301}^{(21)} + 3m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{211}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{202}^{(10)} - m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{112}^{(00)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(22)}m_{310}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(22)}m_{301}^{(11)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(22)}m_{220}^{(20)} + m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(22)}m_{121}^{(00)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{220}^{(21)} + m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{211}^{(11)} + m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{130}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{121}^{(10)} + m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{310}^{(21)} - m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{220}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{211}^{(10)} + m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{121}^{(00)} - m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(22)}m_{310}^{(11)}\\
&+2m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(22)}m_{220}^{(10)} - m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(22)}m_{130}^{(00)} - m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(20)}m_{310}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(20)}m_{301}^{(21)} + m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(20)}m_{211}^{(20)} - m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(20)}m_{202}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(21)}m_{400}^{(22)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(21)}m_{301}^{(20)} + m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(21)}m_{202}^{(00)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(22)}m_{400}^{(21)} + m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(22)}m_{310}^{(20)} + m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(22)}m_{301}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(22)}m_{211}^{(00)} + m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(20)}m_{310}^{(21)} - m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(20)}m_{301}^{(11)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{220}^{(20)} + m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{211}^{(10)} - m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(21)}m_{400}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(21)}m_{310}^{(20)} + m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(21)}m_{301}^{(10)} - m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(21)}m_{211}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(22)}m_{400}^{(11)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(22)}m_{310}^{(10)} + m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(22)}m_{220}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(10)}m_{022}^{(22)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(10)}m_{013}^{(21)} - m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(10)}m_{004}^{(11)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(11)}m_{112}^{(22)} - m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(11)}m_{103}^{(21)} - m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(11)}m_{013}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(11)}m_{004}^{(10)} - m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{112}^{(21)} + m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{103}^{(11)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{022}^{(20)} - m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{013}^{(10)} + m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(10)}m_{031}^{(22)}\\
&-2m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(10)}m_{022}^{(21)} + m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(10)}m_{013}^{(11)} - m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(11)}m_{121}^{(22)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(11)}m_{112}^{(21)} + m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(11)}m_{022}^{(20)} - m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(11)}m_{013}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{121}^{(21)} - m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{112}^{(11)} - m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{031}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{022}^{(10)} + m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(10)}m_{112}^{(22)} - m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(10)}m_{103}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(10)}m_{013}^{(20)} + m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(10)}m_{004}^{(10)} - m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(11)}m_{202}^{(22)}\\
&+2m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(11)}m_{103}^{(20)} - m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(11)}m_{004}^{(00)} + m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(21)}m_{202}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(21)}m_{112}^{(20)} - m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(21)}m_{103}^{(10)} + m_{000}^{(10)}m_{001}^{(00)}m_{020}^{(21)}m_{013}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{121}^{(22)} + m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{103}^{(11)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{022}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{013}^{(10)} + m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(11)}m_{211}^{(22)} + m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(11)}m_{202}^{(21)}\\
&-3m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(11)}m_{112}^{(20)} - m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(11)}m_{103}^{(10)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(11)}m_{013}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{211}^{(21)} - m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{202}^{(11)} + m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{121}^{(20)}\\
&+3m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{112}^{(10)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{011}^{(21)}m_{022}^{(00)} + m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{121}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{112}^{(11)} - m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{031}^{(20)} + m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(10)}m_{022}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(11)}m_{211}^{(21)} + m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(11)}m_{121}^{(20)} + m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(11)}m_{112}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(11)}m_{022}^{(00)} + m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{211}^{(11)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{121}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(21)}m_{031}^{(00)} + m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(10)}m_{022}^{(22)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(10)}m_{013}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(10)}m_{004}^{(11)} - m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(11)}m_{112}^{(22)} + m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(11)}m_{103}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(11)}m_{013}^{(20)} - m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(11)}m_{004}^{(10)} + m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{112}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{103}^{(11)} - m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{022}^{(20)} + m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{013}^{(10)}
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&-m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(00)}m_{022}^{(22)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(00)}m_{013}^{(21)} - m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(00)}m_{004}^{(11)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(11)}m_{202}^{(22)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(11)}m_{103}^{(20)} + m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(11)}m_{004}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{112}^{(21)} + m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{103}^{(11)} + m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{022}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{013}^{(10)} - m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{202}^{(21)} + m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{112}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{103}^{(10)} - m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{013}^{(00)} + m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(00)}m_{031}^{(22)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(00)}m_{022}^{(21)} + m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(00)}m_{013}^{(11)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{121}^{(22)}\\
&+4m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{112}^{(21)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{103}^{(11)} + m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{211}^{(22)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{202}^{(21)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{103}^{(10)} - m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{013}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{121}^{(21)} - m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{112}^{(11)} - m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{031}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{022}^{(10)} - m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{211}^{(21)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{202}^{(11)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{121}^{(20)} - 3m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{112}^{(10)} + m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{022}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(00)}m_{112}^{(22)} - m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(00)}m_{103}^{(21)} - m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(00)}m_{013}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(00)}m_{004}^{(10)} - m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(10)}m_{202}^{(22)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(10)}m_{103}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(10)}m_{004}^{(00)} + m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{202}^{(21)} - m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{112}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{103}^{(10)} + m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{013}^{(00)} - m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{121}^{(22)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{103}^{(11)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{022}^{(20)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{013}^{(10)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{211}^{(22)} - 4m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{112}^{(20)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{013}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(11)}m_{301}^{(22)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(11)}m_{202}^{(20)} - m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(11)}m_{103}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{211}^{(21)} - m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{202}^{(11)} + m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{121}^{(20)}\\
&+3m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{112}^{(10)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{022}^{(00)} + m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{301}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{211}^{(20)} - m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{202}^{(10)} + m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{112}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(00)}m_{121}^{(21)} - m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(00)}m_{112}^{(11)} - m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(00)}m_{031}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(00)}m_{022}^{(10)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{211}^{(21)} + m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{202}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{121}^{(20)} - m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{022}^{(00)} + m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(11)}m_{301}^{(21)}\\
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&+m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{211}^{(11)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{121}^{(10)} + m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{031}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{301}^{(11)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{211}^{(10)} - m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{121}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(00)}m_{022}^{(22)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(00)}m_{013}^{(21)} + m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(00)}m_{004}^{(11)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(10)}m_{112}^{(22)} + m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(10)}m_{103}^{(21)} + m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(10)}m_{013}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(10)}m_{004}^{(10)} + m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{112}^{(21)} - m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{103}^{(11)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{022}^{(20)} + m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{013}^{(10)} - m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(00)}m_{112}^{(22)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(00)}m_{103}^{(21)} + m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(00)}m_{013}^{(20)} - m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(00)}m_{004}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(10)}m_{202}^{(22)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(10)}m_{103}^{(20)} + m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(10)}m_{004}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{202}^{(21)} + m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{112}^{(20)} + m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{103}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{013}^{(00)} - m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{121}^{(22)} + 3m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{112}^{(21)}\\
&-2m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{103}^{(11)} - m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{022}^{(20)} + m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{013}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{211}^{(22)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{202}^{(21)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{103}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{013}^{(00)} - m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{211}^{(21)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{202}^{(11)}
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$$+m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{121}^{(20)} - 3m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{112}^{(10)} + m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{022}^{(00)}$$
$$+m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{211}^{(22)} - m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{202}^{(21)} - m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{112}^{(20)}$$
$$+m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(00)}m_{103}^{(10)} - m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(10)}m_{301}^{(22)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(10)}m_{202}^{(20)}$$
$$-m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(10)}m_{103}^{(00)} + m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{301}^{(21)} - m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{211}^{(20)}$$
$$-m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{202}^{(10)} + m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{112}^{(00)} - m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(00)}m_{211}^{(21)}$$
$$+m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(00)}m_{202}^{(11)} + m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(00)}m_{121}^{(20)} - m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(00)}m_{112}^{(10)}$$
$$+m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{301}^{(21)} - m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{211}^{(20)} - m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{202}^{(10)}$$
$$+m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(10)}m_{112}^{(00)} - m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{301}^{(11)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{211}^{(10)}$$
$$-m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{121}^{(00)} - m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(10)}m_{031}^{(22)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(10)}m_{022}^{(21)}$$
$$-m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(10)}m_{013}^{(11)} + m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{121}^{(22)} - m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{112}^{(21)}$$
$$-m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{022}^{(20)} + m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{013}^{(10)} - m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{121}^{(21)}$$
$$+m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{112}^{(11)} + m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{031}^{(20)} - m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{022}^{(10)}$$
$$+m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(00)}m_{031}^{(22)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(00)}m_{022}^{(21)} + m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(00)}m_{013}^{(11)}$$
$$+2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{121}^{(22)} - 4m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{112}^{(21)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{103}^{(11)}$$
$$-3m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{211}^{(22)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{202}^{(21)} + 4m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{112}^{(20)}$$
$$-2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{103}^{(10)} - m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{013}^{(00)} + m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{121}^{(21)}$$
$$-m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{112}^{(11)} - m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{031}^{(20)} + m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{022}^{(10)}$$
$$+3m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{211}^{(21)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{202}^{(11)} - 3m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{121}^{(20)}$$
$$+m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{112}^{(10)} + m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{022}^{(00)} - m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(00)}m_{040}^{(22)}$$
$$+2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(00)}m_{031}^{(21)} - m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(00)}m_{022}^{(11)} + m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{220}^{(22)}$$
$$-2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{121}^{(20)} + m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{022}^{(00)} - m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{130}^{(21)}$$
$$+m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{121}^{(11)} + m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{040}^{(20)} - m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{031}^{(10)}$$
$$-m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{220}^{(21)} + m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{130}^{(20)} + m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{121}^{(10)}$$
$$-m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{031}^{(00)} - m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{121}^{(22)} + m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{112}^{(21)}$$
$$+m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{022}^{(20)} - m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{013}^{(10)} - m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{211}^{(22)}$$
$$+2m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{202}^{(21)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{103}^{(10)} + m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{013}^{(00)}$$
$$+2m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(11)}m_{301}^{(22)} - 4m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(11)}m_{202}^{(20)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(11)}m_{103}^{(00)}$$
$$-m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{211}^{(21)} + m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{121}^{(20)} + m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{112}^{(10)}$$
$$-m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{022}^{(00)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{301}^{(21)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{211}^{(20)}$$
$$+2m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{202}^{(10)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{112}^{(00)} + m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{130}^{(22)}$$
$$-m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{112}^{(11)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{031}^{(20)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{022}^{(10)}$$
$$-2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{202}^{(11)} + 4m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{112}^{(10)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{022}^{(00)}$$
$$-m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{310}^{(22)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{301}^{(21)} + 4m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{211}^{(20)}$$
$$+2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{202}^{(10)} - 3m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{112}^{(00)} + m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{220}^{(21)}$$
$$+m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{211}^{(11)} - m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{130}^{(20)} - 3m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{121}^{(10)}$$
$$+2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{031}^{(00)} + m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{310}^{(21)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{301}^{(11)}$$
$$-m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{220}^{(20)} - 5m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{211}^{(10)} + 3m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(21)}m_{121}^{(00)}$$
$$-m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(00)}m_{130}^{(21)} + m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(00)}m_{121}^{(11)} + m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(00)}m_{040}^{(20)}$$

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\begin{aligned}
&-m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(00)}m_{031}^{(10)} + m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{211}^{(11)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{121}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{031}^{(00)} + m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(11)}m_{310}^{(21)} - m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(11)}m_{220}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(11)}m_{211}^{(10)} + m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(11)}m_{121}^{(00)} - m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(20)}m_{220}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(20)}m_{130}^{(10)} - m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(20)}m_{040}^{(00)} - m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(21)}m_{310}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(21)}m_{220}^{(10)} - m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(21)}m_{130}^{(00)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(00)}m_{200}^{(22)}m_{031}\\
&+4m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(00)}m_{022}^{(21)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(00)}m_{013}^{(11)} + m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{121}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{103}^{(11)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{022}^{(20)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{013}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{211}^{(22)} - m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{202}^{(21)} - m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{112}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{103}^{(10)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{121}^{(21)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{112}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{031}^{(20)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{022}^{(10)} - m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{211}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{202}^{(11)} + m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{121}^{(10)} - m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{112}^{(10)}\\
&+3m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{121}^{(22)} - 4m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{112}^{(21)} + m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{103}^{(11)}\\
&-2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{022}^{(20)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{013}^{(10)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{211}^{(22)}\\
&+4m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{112}^{(20)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{013}^{(00)} - m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(11)}m_{301}^{(22)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(11)}m_{202}^{(20)} - m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(11)}m_{103}^{(00)} + 3m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{211}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{202}^{(11)} - 3m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{121}^{(20)} - m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{112}^{(10)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{022}^{(00)} + m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{301}^{(21)} - m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{211}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{202}^{(10)} + m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{112}^{(00)} + m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{130}^{(22)}\\
&-4m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{121}^{(21)} + 3m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{112}^{(11)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{031}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{022}^{(10)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{202}^{(11)} - 4m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{112}^{(10)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{022}^{(00)} - m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{310}^{(22)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{301}^{(21)}\\
&-2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{202}^{(10)} + m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{112}^{(00)} + m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{220}^{(21)}\\
&-3m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{211}^{(11)} - m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{130}^{(20)} + 5m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{121}^{(10)}\\
&-2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{031}^{(00)} + m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{310}^{(21)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{301}^{(11)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{220}^{(20)} + 3m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{211}^{(10)} - m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{121}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{211}^{(22)} + m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{202}^{(21)} + m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{112}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{103}^{(10)} + m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(10)}m_{301}^{(22)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(10)}m_{202}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(10)}m_{103}^{(00)} - m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{301}^{(21)} + m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{211}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{202}^{(10)} - m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{112}^{(00)} - m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{220}^{(22)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{211}^{(21)} - m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{202}^{(11)} + m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(11)}m_{400}^{(22)}\\
&-2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(11)}m_{301}^{(20)} + m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(11)}m_{202}^{(00)} - m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{310}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{301}^{(11)} + m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{220}^{(20)} - m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{211}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{400}^{(21)} + m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{310}^{(20)} + m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{301}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(21)}m_{211}^{(00)} + m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(00)}m_{220}^{(21)} - m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(00)}m_{211}^{(11)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(00)}m_{130}^{(20)} + m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(00)}m_{121}^{(10)} - m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{301}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{211}^{(10)} - m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{121}^{(00)} - m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(11)}m_{400}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(11)}m_{310}^{(20)} + m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(11)}m_{301}^{(10)} - m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(11)}m_{211}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(20)}m_{310}^{(11)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(20)}m_{220}^{(10)} + m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(20)}m_{130}^{(00)}
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&+m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(21)}m_{400}^{(11)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(21)}m_{310}^{(10)} + m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(21)}m_{220}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(00)}m_{040}^{(22)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(00)}m_{031}^{(21)} + m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(00)}m_{022}^{(11)}\\
&-m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{121}^{(21)} + m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{112}^{(11)} + m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{031}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(10)}m_{022}^{(10)} - m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{220}^{(22)} + m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{211}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{121}^{(20)} - m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(11)}m_{112}^{(10)} + m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(20)}m_{130}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(20)}m_{121}^{(11)} - m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(20)}m_{040}^{(20)} + m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(20)}m_{031}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{220}^{(21)} - m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{211}^{(11)} - m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{130}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(22)}m_{200}^{(21)}m_{121}^{(10)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{130}^{(22)} + 3m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{121}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{112}^{(11)} + m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{031}^{(20)} - m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(00)}m_{022}^{(10)}\\
&+2m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{211}^{(21)} - m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{202}^{(11)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{121}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(10)}m_{022}^{(00)} + 2m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{310}^{(22)} - m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{301}^{(21)}\\
&-3m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{211}^{(20)} + m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{202}^{(10)} + m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(11)}m_{112}^{(00)}\\
&-2m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{220}^{(21)} + m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{211}^{(11)} + 2m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{130}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(20)}m_{031}^{(00)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{310}^{(21)} + m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{301}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{220}^{(20)} - m_{000}^{(10)}m_{001}^{(22)}m_{110}^{(21)}m_{121}^{(00)} + m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(00)}m_{130}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(00)}m_{121}^{(11)} - m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(00)}m_{040}^{(20)} + m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(00)}m_{031}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(10)}m_{211}^{(11)} + 2m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(10)}m_{121}^{(10)} - m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(10)}m_{031}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(11)}m_{310}^{(21)} + m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(11)}m_{220}^{(20)} + m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(11)}m_{211}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(11)}m_{121}^{(00)} + m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(20)}m_{220}^{(11)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(20)}m_{130}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(20)}m_{040}^{(00)} + m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(21)}m_{310}^{(11)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(21)}m_{220}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(22)}m_{101}^{(21)}m_{130}^{(00)} + m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{220}^{(22)} - m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{211}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{121}^{(20)} + m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(00)}m_{112}^{(10)} - m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{301}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{211}^{(20)} + m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{202}^{(10)} - m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(10)}m_{112}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(11)}m_{400}^{(22)} + 2m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(11)}m_{301}^{(20)} - m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(11)}m_{202}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{310}^{(21)} - m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{220}^{(20)} - m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{211}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(20)}m_{121}^{(00)} + m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(21)}m_{400}^{(21)} - m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(21)}m_{310}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(21)}m_{301}^{(10)} + m_{000}^{(10)}m_{001}^{(22)}m_{020}^{(21)}m_{211}^{(00)} - m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(00)}m_{220}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(00)}m_{211}^{(11)} + m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(00)}m_{130}^{(20)} - m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(00)}m_{121}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(10)}m_{301}^{(11)} - 2m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(10)}m_{211}^{(10)} + m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(10)}m_{121}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(11)}m_{400}^{(21)} - m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(11)}m_{310}^{(20)} - m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(11)}m_{301}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(11)}m_{211}^{(00)} - m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(20)}m_{310}^{(11)} + 2m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(20)}m_{220}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(20)}m_{130}^{(00)} - m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(21)}m_{400}^{(11)} + 2m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(21)}m_{310}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(21)}m_{220}^{(00)} - m_{000}^{(11)}m_{100}^{(00)}m_{110}^{(20)}m_{022}^{(22)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{110}^{(20)}m_{013}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{110}^{(20)}m_{004}^{(11)} + m_{000}^{(11)}m_{100}^{(00)}m_{110}^{(21)}m_{112}^{(22)} - m_{000}^{(11)}m_{100}^{(00)}m_{110}^{(21)}m_{103}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{110}^{(21)}m_{013}^{(20)} + m_{000}^{(11)}m_{100}^{(00)}m_{110}^{(21)}m_{004}^{(10)} - m_{000}^{(11)}m_{100}^{(00)}m_{110}^{(22)}m_{112}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{110}^{(22)}m_{103}^{(11)} + m_{000}^{(11)}m_{100}^{(00)}m_{110}^{(22)}m_{022}^{(20)} - m_{000}^{(11)}m_{100}^{(00)}m_{110}^{(22)}m_{013}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(20)}m_{031}^{(22)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(20)}m_{022}^{(21)} + m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(20)}m_{013}^{(11)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(21)}m_{121}^{(22)} + m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(21)}m_{112}^{(21)} + m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(21)}m_{022}^{(20)}
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\begin{aligned}
&-m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(21)}m_{013}^{(10)} + m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(22)}m_{121}^{(21)} - m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(22)}m_{112}^{(11)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(22)}m_{031}^{(20)} + m_{000}^{(11)}m_{100}^{(00)}m_{101}^{(22)}m_{022}^{(10)} + m_{000}^{(11)}m_{100}^{(00)}m_{020}^{(20)}m_{112}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{020}^{(20)}m_{103}^{(21)} - m_{000}^{(11)}m_{100}^{(00)}m_{020}^{(20)}m_{013}^{(20)} + m_{000}^{(11)}m_{100}^{(00)}m_{020}^{(20)}m_{004}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{020}^{(21)}m_{202}^{(22)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{020}^{(21)}m_{103}^{(20)} - m_{000}^{(11)}m_{100}^{(00)}m_{020}^{(21)}m_{004}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{020}^{(22)}m_{202}^{(21)} - m_{000}^{(11)}m_{100}^{(00)}m_{020}^{(22)}m_{112}^{(20)} - m_{000}^{(11)}m_{100}^{(00)}m_{020}^{(22)}m_{103}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{020}^{(22)}m_{013}^{(00)} - m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(20)}m_{121}^{(22)} + m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(20)}m_{103}^{(11)}\\
&+2m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(20)}m_{022}^{(20)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(20)}m_{013}^{(10)} + m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(21)}m_{211}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(21)}m_{202}^{(21)} - 3m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(21)}m_{112}^{(20)} - m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(21)}m_{103}^{(10)}\\
&+2m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(21)}m_{013}^{(00)} - m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(22)}m_{211}^{(21)} - m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(22)}m_{202}^{(11)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(22)}m_{121}^{(20)} + 3m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(22)}m_{112}^{(10)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(22)}m_{022}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(20)}m_{121}^{(21)} - m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(20)}m_{112}^{(11)} - m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(20)}m_{031}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(20)}m_{022}^{(10)} - m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(21)}m_{211}^{(21)} + m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(21)}m_{121}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(21)}m_{112}^{(10)} - m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(21)}m_{022}^{(00)} + m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(22)}m_{211}^{(11)}\\
&-2m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(22)}m_{121}^{(10)} + m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(22)}m_{031}^{(00)} + m_{000}^{(11)}m_{100}^{(10)}m_{200}^{(20)}m_{022}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{200}^{(20)}m_{013}^{(21)} + m_{000}^{(11)}m_{100}^{(10)}m_{200}^{(20)}m_{004}^{(11)} - m_{000}^{(11)}m_{100}^{(10)}m_{200}^{(21)}m_{112}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{200}^{(21)}m_{103}^{(21)} + m_{000}^{(11)}m_{100}^{(10)}m_{200}^{(21)}m_{013}^{(20)} - m_{000}^{(11)}m_{100}^{(10)}m_{200}^{(21)}m_{004}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{200}^{(22)}m_{112}^{(21)} - m_{000}^{(11)}m_{100}^{(10)}m_{200}^{(22)}m_{103}^{(11)} - m_{000}^{(11)}m_{100}^{(10)}m_{200}^{(22)}m_{022}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{200}^{(22)}m_{013}^{(10)} - m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(20)}m_{112}^{(22)} + m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(20)}m_{103}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(20)}m_{013}^{(20)} - m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(20)}m_{004}^{(10)} + m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(21)}m_{202}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(21)}m_{103}^{(20)} + m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(21)}m_{004}^{(00)} - m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(22)}m_{202}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(22)}m_{112}^{(20)} + m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(22)}m_{103}^{(10)} - m_{000}^{(11)}m_{100}^{(10)}m_{110}^{(22)}m_{013}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(20)}m_{121}^{(22)} + 3m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(20)}m_{112}^{(21)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(20)}m_{103}^{(11)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(20)}m_{022}^{(20)} + m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(20)}m_{013}^{(10)} + m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(21)}m_{211}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(21)}m_{202}^{(21)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(21)}m_{103}^{(10)} - m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(21)}m_{013}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(22)}m_{211}^{(21)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(22)}m_{202}^{(11)} + m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(22)}m_{121}^{(20)}\\
&-3m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(22)}m_{112}^{(10)} + m_{000}^{(11)}m_{100}^{(10)}m_{101}^{(22)}m_{022}^{(00)} + m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(20)}m_{211}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(20)}m_{202}^{(21)} - m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(20)}m_{112}^{(20)} + m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(20)}m_{103}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(21)}m_{301}^{(22)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(21)}m_{202}^{(20)} - m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(21)}m_{103}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(22)}m_{301}^{(21)} - m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(22)}m_{211}^{(20)} - m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(22)}m_{202}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{011}^{(22)}m_{112}^{(00)} - m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(20)}m_{211}^{(21)} + m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(20)}m_{202}^{(11)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(20)}m_{121}^{(20)} - m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(20)}m_{112}^{(10)} + m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(21)}m_{301}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(21)}m_{211}^{(20)} - m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(21)}m_{202}^{(10)} + m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(21)}m_{112}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(22)}m_{301}^{(11)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(22)}m_{211}^{(10)} - m_{000}^{(11)}m_{100}^{(10)}m_{002}^{(22)}m_{121}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{200}^{(20)}m_{031}^{(22)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{200}^{(20)}m_{022}^{(21)} - m_{000}^{(11)}m_{100}^{(20)}m_{200}^{(20)}m_{013}^{(11)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{200}^{(21)}m_{121}^{(22)} - m_{000}^{(11)}m_{100}^{(20)}m_{200}^{(21)}m_{112}^{(21)} - m_{000}^{(11)}m_{100}^{(20)}m_{200}^{(21)}m_{022}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{200}^{(21)}m_{013}^{(10)} - m_{000}^{(11)}m_{100}^{(20)}m_{200}^{(22)}m_{121}^{(21)} + m_{000}^{(11)}m_{100}^{(20)}m_{200}^{(22)}m_{112}^{(11)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{200}^{(22)}m_{031}^{(20)} - m_{000}^{(11)}m_{100}^{(20)}m_{200}^{(22)}m_{022}^{(10)} + 3m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(20)}m_{121}^{(22)}\\
&-5m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(20)}m_{112}^{(21)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(20)}m_{103}^{(11)} - m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(20)}m_{022}^{(20)}
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$$+m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(20)}m_{013}^{(10)} - 3m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(21)}m_{211}^{(22)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(21)}m_{202}^{(21)}$$
$$+4m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(21)}m_{112}^{(20)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(21)}m_{103}^{(10)} - m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(21)}m_{013}^{(00)}$$
$$+3m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(22)}m_{211}^{(21)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(22)}m_{202}^{(11)} - 3m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(22)}m_{121}^{(20)}$$
$$+m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(22)}m_{112}^{(10)} + m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(22)}m_{022}^{(00)} - m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(20)}m_{130}^{(22)}$$
$$+m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(20)}m_{121}^{(21)} + m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(20)}m_{031}^{(20)} - m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(20)}m_{022}^{(10)}$$
$$+m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(21)}m_{220}^{(22)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(21)}m_{121}^{(20)} + m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(21)}m_{022}^{(00)}$$
$$-m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(22)}m_{220}^{(21)} + m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(22)}m_{130}^{(20)} + m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(22)}m_{121}^{(10)}$$
$$-m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(22)}m_{031}^{(00)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(20)}m_{211}^{(22)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(20)}m_{202}^{(21)}$$
$$+2m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(20)}m_{112}^{(20)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(20)}m_{103}^{(10)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(21)}m_{301}^{(22)}$$
$$-4m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(21)}m_{202}^{(20)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(21)}m_{103}^{(00)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(22)}m_{301}^{(21)}$$
$$+2m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(22)}m_{211}^{(20)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(22)}m_{202}^{(10)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(22)}m_{112}^{(00)}$$
$$+m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{220}^{(22)} + m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{211}^{(21)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{202}^{(11)}$$
$$-3m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{121}^{(20)} + 3m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{112}^{(10)} - m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(21)}m_{310}^{(22)}$$
$$-2m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(21)}m_{301}^{(21)} + 4m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(21)}m_{211}^{(20)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(21)}m_{202}^{(10)}$$
$$-3m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(21)}m_{112}^{(00)} + m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(22)}m_{310}^{(21)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(22)}m_{301}^{(11)}$$
$$-m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(22)}m_{220}^{(20)} - 5m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(22)}m_{211}^{(10)} + 3m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(22)}m_{121}^{(00)}$$
$$-m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(20)}m_{220}^{(21)} + m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(20)}m_{211}^{(11)} + m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(20)}m_{130}^{(20)}$$
$$-m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(20)}m_{121}^{(10)} + m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(21)}m_{310}^{(21)} - m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(21)}m_{220}^{(20)}$$
$$-m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(21)}m_{211}^{(10)} + m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(21)}m_{121}^{(00)} - m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(22)}m_{310}^{(11)}$$
$$+2m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(22)}m_{220}^{(10)} - m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(22)}m_{130}^{(00)} - m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(20)}m_{121}^{(22)}$$
$$+2m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(20)}m_{112}^{(21)} - m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(20)}m_{103}^{(11)} + m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(21)}m_{211}^{(22)}$$
$$-m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(21)}m_{202}^{(21)} - m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(21)}m_{112}^{(20)} + m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(21)}m_{103}^{(10)}$$
$$-m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(22)}m_{211}^{(21)} + m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(22)}m_{202}^{(11)} + m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(22)}m_{121}^{(20)}$$
$$-m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(22)}m_{112}^{(10)} + m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(20)}m_{211}^{(22)} - m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(20)}m_{202}^{(21)}$$
$$-m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(20)}m_{112}^{(20)} + m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(20)}m_{103}^{(10)} - m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(21)}m_{301}^{(22)}$$
$$+2m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(21)}m_{202}^{(20)} - m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(21)}m_{103}^{(00)} + m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(22)}m_{301}^{(21)}$$
$$-m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(22)}m_{211}^{(20)} - m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(22)}m_{202}^{(10)} + m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(22)}m_{112}^{(00)}$$
$$+m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{220}^{(22)} - 3m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{211}^{(21)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{202}^{(11)}$$
$$+m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{121}^{(20)} - m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{112}^{(10)} - m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(21)}m_{310}^{(22)}$$
$$+2m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(21)}m_{301}^{(21)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(21)}m_{202}^{(10)} + m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(21)}m_{112}^{(00)}$$
$$+m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(22)}m_{310}^{(21)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(22)}m_{301}^{(11)} - m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(22)}m_{220}^{(20)}$$
$$+3m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(22)}m_{211}^{(10)} - m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(22)}m_{121}^{(00)} - m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(20)}m_{310}^{(22)}$$
$$+m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(20)}m_{301}^{(21)} + m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(20)}m_{211}^{(20)} - m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(20)}m_{202}^{(10)}$$
$$+m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(21)}m_{400}^{(22)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(21)}m_{301}^{(20)} + m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(21)}m_{202}^{(00)}$$
$$-m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(22)}m_{400}^{(21)} + m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(22)}m_{310}^{(20)} + m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(22)}m_{301}^{(10)}$$
$$-m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(22)}m_{211}^{(00)} + m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(20)}m_{310}^{(21)} - m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(20)}m_{301}^{(11)}$$
$$-m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(20)}m_{220}^{(20)} + m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(20)}m_{211}^{(10)} - m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(21)}m_{400}^{(21)}$$
$$+m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(21)}m_{310}^{(20)} + m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(21)}m_{301}^{(10)} - m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(21)}m_{211}^{(00)}$$

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\begin{aligned}
&+m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(22)}m_{400}^{(11)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(22)}m_{310}^{(10)} + m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(22)}m_{220}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(20)}m_{130}^{(22)} - 2m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(20)}m_{121}^{(21)} + m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(20)}m_{112}^{(11)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(21)}m_{220}^{(22)} + m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(21)}m_{211}^{(21)} + m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(21)}m_{121}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(21)}m_{112}^{(10)} + m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(22)}m_{220}^{(21)} - m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(22)}m_{211}^{(11)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(22)}m_{130}^{(20)} + m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(22)}m_{121}^{(10)} - 2m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(20)}m_{220}^{(22)}\\
&+3m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(20)}m_{211}^{(21)} - m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(20)}m_{202}^{(11)} + m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(20)}m_{121}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(20)}m_{112}^{(10)} + 2m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(21)}m_{310}^{(22)} - m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(21)}m_{301}^{(21)}\\
&-3m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(21)}m_{211}^{(20)} + m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(21)}m_{202}^{(10)} + m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(21)}m_{112}^{(00)}\\
&-2m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(22)}m_{310}^{(21)} + m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(22)}m_{301}^{(11)} + 2m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(22)}m_{220}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(22)}m_{121}^{(00)} + m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(20)}m_{220}^{(21)} - m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(20)}m_{211}^{(11)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(20)}m_{130}^{(20)} + m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(20)}m_{121}^{(10)} - m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(21)}m_{310}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(21)}m_{220}^{(20)} + m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(21)}m_{211}^{(10)} - m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(21)}m_{121}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(22)}m_{310}^{(11)} - 2m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(22)}m_{220}^{(10)} + m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(22)}m_{130}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(20)}m_{310}^{(22)} - m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(20)}m_{301}^{(21)} - m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(20)}m_{211}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(20)}m_{202}^{(10)} - m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(21)}m_{400}^{(22)} + 2m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(21)}m_{301}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(21)}m_{202}^{(00)} + m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(22)}m_{400}^{(21)} - m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(22)}m_{310}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(22)}m_{301}^{(10)} + m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(22)}m_{211}^{(00)} - m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(20)}m_{310}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(20)}m_{301}^{(11)} + m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(20)}m_{220}^{(20)} - m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(20)}m_{211}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(21)}m_{400}^{(21)} - m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(21)}m_{310}^{(20)} - m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(21)}m_{301}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(21)}m_{211}^{(00)} - m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(22)}m_{400}^{(11)} + 2m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(22)}m_{310}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(22)}m_{220}^{(00)} + m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(00)}m_{022}^{(22)} - 2m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(00)}m_{013}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(00)}m_{004}^{(11)} - m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(10)}m_{112}^{(22)} + m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(10)}m_{103}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(10)}m_{013}^{(20)} - m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(10)}m_{004}^{(10)} + m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(20)}m_{112}^{(21)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(20)}m_{103}^{(11)} - m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(20)}m_{022}^{(20)} + m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(20)}m_{013}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(00)}m_{031}^{(22)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(00)}m_{022}^{(21)} - m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(00)}m_{013}^{(11)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(10)}m_{121}^{(22)} - m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(10)}m_{112}^{(21)} - m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(10)}m_{022}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(10)}m_{013}^{(10)} - m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{121}^{(21)} + m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{112}^{(11)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{031}^{(20)} - m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{022}^{(10)} - m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(00)}m_{112}^{(22)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(00)}m_{103}^{(21)} + m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(00)}m_{013}^{(20)} - m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(00)}m_{004}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(10)}m_{202}^{(22)} - 2m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(10)}m_{103}^{(20)} + m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(10)}m_{004}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(20)}m_{202}^{(21)} + m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(20)}m_{112}^{(20)} + m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(20)}m_{103}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(20)}m_{013}^{(00)} + m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(00)}m_{121}^{(22)} - m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(00)}m_{103}^{(11)}\\
&-2m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(00)}m_{022}^{(20)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(00)}m_{013}^{(10)} - m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(10)}m_{211}^{(22)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(10)}m_{202}^{(21)} + 3m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(10)}m_{112}^{(20)} + m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(10)}m_{103}^{(10)}\\
&-2m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(10)}m_{013}^{(00)} + m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{211}^{(21)} + m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{202}^{(11)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{121}^{(20)} - 3m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{112}^{(10)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{022}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(00)}m_{121}^{(21)} + m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(00)}m_{112}^{(11)} + m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(00)}m_{031}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(00)}m_{022}^{(10)} + m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(10)}m_{211}^{(21)} - m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(10)}m_{121}^{(20)}
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\begin{aligned}
&-m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(10)}m_{112}^{(10)}+m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(10)}m_{022}^{(00)}-m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(20)}m_{211}^{(11)}\\
&+2m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(20)}m_{121}^{(10)}-m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(20)}m_{031}^{(00)}-m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(00)}m_{022}^{(22)}\\
&+2m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(00)}m_{013}^{(21)}-m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(00)}m_{004}^{(11)}+m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(10)}m_{112}^{(22)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(10)}m_{103}^{(21)}-m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(10)}m_{013}^{(20)}+m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(10)}m_{004}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{112}^{(21)}+m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{103}^{(11)}+m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{022}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{013}^{(10)}+m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(00)}m_{112}^{(22)}-m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(00)}m_{103}^{(21)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(00)}m_{013}^{(20)}+m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(00)}m_{004}^{(10)}-m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(10)}m_{202}^{(22)}\\
&+2m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(10)}m_{103}^{(20)}-m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(10)}m_{004}^{(00)}+m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{202}^{(21)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{112}^{(20)}-m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{103}^{(10)}+m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{013}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(00)}m_{121}^{(22)}-3m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(00)}m_{112}^{(21)}+2m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(00)}m_{103}^{(11)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(00)}m_{022}^{(20)}-m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(00)}m_{013}^{(10)}-m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{211}^{(22)}\\
&+2m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{202}^{(21)}-2m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{103}^{(10)}+m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(10)}m_{013}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{211}^{(21)}-2m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{202}^{(11)}-m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{121}^{(20)}\\
&+3m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{112}^{(10)}-m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{022}^{(00)}-m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(00)}m_{211}^{(22)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(00)}m_{202}^{(21)}+m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(00)}m_{112}^{(20)}-m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(00)}m_{103}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(10)}m_{301}^{(22)}-2m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(10)}m_{202}^{(20)}+m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(10)}m_{103}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{301}^{(21)}+m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{211}^{(20)}+m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{202}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{112}^{(00)}+m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(00)}m_{211}^{(21)}-m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(00)}m_{202}^{(11)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(00)}m_{121}^{(20)}+m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(00)}m_{112}^{(10)}-m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{301}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{211}^{(20)}+m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{202}^{(10)}-m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(10)}m_{112}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{301}^{(11)}-2m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{211}^{(10)}+m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{121}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(00)}m_{031}^{(22)}-2m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(00)}m_{022}^{(21)}+m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(00)}m_{013}^{(11)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{121}^{(22)}+m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{112}^{(21)}+m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{022}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{013}^{(10)}+m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{121}^{(21)}-m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{112}^{(11)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{031}^{(20)}+m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{022}^{(10)}-3m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(00)}m_{121}^{(22)}\\
&+5m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(00)}m_{112}^{(21)}-2m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(00)}m_{103}^{(11)}+m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(00)}m_{022}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(00)}m_{013}^{(10)}+3m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{211}^{(22)}-2m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{202}^{(21)}\\
&-4m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{112}^{(20)}+2m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{103}^{(10)}+m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{013}^{(00)}\\
&-3m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{211}^{(21)}+2m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{202}^{(11)}+3m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{121}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{112}^{(10)}-m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{022}^{(00)}+m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{130}^{(22)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{121}^{(21)}-m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{031}^{(20)}+m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{022}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{220}^{(22)}+2m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{121}^{(20)}-m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{022}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{220}^{(21)}-m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{130}^{(20)}-m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{121}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{031}^{(00)}+2m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(00)}m_{211}^{(22)}-2m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(00)}m_{202}^{(21)}\\
&-2m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(00)}m_{112}^{(20)}+2m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(00)}m_{103}^{(10)}-2m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(10)}m_{301}^{(22)}\\
&+4m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(10)}m_{202}^{(20)}-2m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(10)}m_{103}^{(00)}+2m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(20)}m_{301}^{(21)}\\
&-2m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(20)}m_{211}^{(20)}-2m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(20)}m_{202}^{(10)}+2m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(20)}m_{112}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{220}^{(22)}-m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{211}^{(21)}+2m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{202}^{(11)}
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$$+3m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{121}^{(20)} - 3m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{112}^{(10)} + m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{310}^{(22)}$$
$$+2m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{301}^{(21)} - 4m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{211}^{(20)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{202}^{(10)}$$
$$+3m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{112}^{(00)} - m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{310}^{(21)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{301}^{(11)}$$
$$+m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{220}^{(20)} + 5m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{211}^{(10)} - 3m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{121}^{(00)}$$
$$+m_{000}^{(11)}m_{001}^{(20)}m_{002}^{(00)}m_{220}^{(21)} - m_{000}^{(11)}m_{001}^{(20)}m_{002}^{(00)}m_{211}^{(11)} - m_{000}^{(11)}m_{001}^{(20)}m_{002}^{(00)}m_{130}^{(20)}$$
$$+m_{000}^{(11)}m_{001}^{(20)}m_{002}^{(00)}m_{121}^{(10)} - m_{000}^{(11)}m_{001}^{(20)}m_{002}^{(10)}m_{310}^{(21)} + m_{000}^{(11)}m_{001}^{(20)}m_{002}^{(10)}m_{220}^{(20)}$$
$$+m_{000}^{(11)}m_{001}^{(20)}m_{002}^{(10)}m_{211}^{(10)} - m_{000}^{(11)}m_{001}^{(20)}m_{002}^{(10)}m_{121}^{(00)} + m_{000}^{(11)}m_{001}^{(20)}m_{002}^{(20)}m_{310}^{(11)}$$
$$-2m_{000}^{(11)}m_{001}^{(20)}m_{002}^{(20)}m_{220}^{(10)} + m_{000}^{(11)}m_{001}^{(20)}m_{002}^{(20)}m_{130}^{(00)} + m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{121}^{(22)}$$
$$-2m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{112}^{(21)} + m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(00)}m_{103}^{(11)} - m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{211}^{(22)}$$
$$+m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{202}^{(21)} + m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{112}^{(20)} - m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(10)}m_{103}^{(10)}$$
$$+m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{211}^{(21)} - m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{202}^{(11)} - m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{121}^{(20)}$$
$$+m_{000}^{(11)}m_{001}^{(21)}m_{200}^{(20)}m_{112}^{(10)} - m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{211}^{(22)} + m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{202}^{(21)}$$
$$+m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{112}^{(20)} - m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{103}^{(10)} + m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(10)}m_{301}^{(22)}$$
$$-2m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(10)}m_{202}^{(20)} + m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(10)}m_{103}^{(00)} - m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{301}^{(21)}$$
$$+m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{211}^{(20)} + m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{202}^{(10)} - m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{112}^{(00)}$$
$$-m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{220}^{(22)} + 3m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{211}^{(21)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{202}^{(11)}$$
$$-m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{121}^{(20)} + m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(00)}m_{112}^{(10)} + m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{310}^{(22)}$$
$$-2m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{301}^{(21)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{202}^{(10)} - m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{112}^{(00)}$$
$$-m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{310}^{(21)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{301}^{(11)} + m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{220}^{(20)}$$
$$-3m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{211}^{(10)} + m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{121}^{(00)} + m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{310}^{(22)}$$
$$-m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{301}^{(21)} - m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{211}^{(20)} + m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{202}^{(10)}$$
$$-m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(10)}m_{400}^{(22)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(10)}m_{301}^{(20)} - m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(10)}m_{202}^{(00)}$$
$$+m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{400}^{(21)} - m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{310}^{(20)} - m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{301}^{(10)}$$
$$+m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(20)}m_{211}^{(00)} - m_{000}^{(11)}m_{001}^{(21)}m_{002}^{(00)}m_{310}^{(21)} + m_{000}^{(11)}m_{001}^{(21)}m_{002}^{(00)}m_{301}^{(11)}$$
$$+m_{000}^{(11)}m_{001}^{(21)}m_{002}^{(00)}m_{220}^{(20)} - m_{000}^{(11)}m_{001}^{(21)}m_{002}^{(00)}m_{211}^{(10)} + m_{000}^{(11)}m_{001}^{(21)}m_{002}^{(10)}m_{400}^{(21)}$$
$$-m_{000}^{(11)}m_{001}^{(21)}m_{002}^{(10)}m_{310}^{(20)} - m_{000}^{(11)}m_{001}^{(21)}m_{002}^{(10)}m_{301}^{(10)} + m_{000}^{(11)}m_{001}^{(21)}m_{002}^{(10)}m_{211}^{(00)}$$
$$-m_{000}^{(11)}m_{001}^{(21)}m_{002}^{(20)}m_{400}^{(11)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{002}^{(20)}m_{310}^{(10)} - m_{000}^{(11)}m_{001}^{(21)}m_{002}^{(20)}m_{220}^{(00)}$$
$$-m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(00)}m_{130}^{(22)} + 2m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(00)}m_{121}^{(21)} - m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(00)}m_{112}^{(11)}$$
$$+m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{220}^{(22)} - m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{211}^{(21)} - m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{121}^{(20)}$$
$$+m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{112}^{(10)} - m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(20)}m_{220}^{(21)} + m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(20)}m_{211}^{(11)}$$
$$+m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(20)}m_{130}^{(20)} - m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(20)}m_{121}^{(10)} + 2m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{220}^{(22)}$$
$$-3m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{211}^{(21)} + m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{202}^{(11)} - m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{121}^{(20)}$$
$$+m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{112}^{(10)} - 2m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{310}^{(22)} + m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{301}^{(21)}$$
$$+3m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{211}^{(20)} - m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{202}^{(10)} - m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{112}^{(00)}$$
$$+2m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(20)}m_{310}^{(21)} - m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(20)}m_{301}^{(11)} - 2m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(20)}m_{220}^{(20)}$$
$$+m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(20)}m_{121}^{(00)} - m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(00)}m_{220}^{(21)} + m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(00)}m_{211}^{(11)}$$
$$+m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(00)}m_{130}^{(20)} - m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(00)}m_{121}^{(10)} + m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(10)}m_{310}^{(21)}$$
$$-m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(10)}m_{220}^{(20)} - m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(10)}m_{211}^{(10)} + m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(10)}m_{121}^{(00)}$$

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\begin{aligned}
&-m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(20)}m_{310}^{(11)} + 2m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(20)}m_{220}^{(10)} - m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(20)}m_{130}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(22)}m_{020}^{(00)}m_{310}^{(22)} + m_{000}^{(11)}m_{001}^{(22)}m_{020}^{(00)}m_{301}^{(21)} + m_{000}^{(11)}m_{001}^{(22)}m_{020}^{(00)}m_{211}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(22)}m_{020}^{(00)}m_{202}^{(10)} + m_{000}^{(11)}m_{001}^{(22)}m_{020}^{(10)}m_{400}^{(22)} - 2m_{000}^{(11)}m_{001}^{(22)}m_{020}^{(10)}m_{301}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{020}^{(10)}m_{202}^{(00)} - m_{000}^{(11)}m_{001}^{(22)}m_{020}^{(20)}m_{400}^{(21)} + m_{000}^{(11)}m_{001}^{(22)}m_{020}^{(20)}m_{310}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{020}^{(20)}m_{301}^{(10)} - m_{000}^{(11)}m_{001}^{(22)}m_{020}^{(20)}m_{211}^{(00)} + m_{000}^{(11)}m_{001}^{(22)}m_{001}^{(00)}m_{011}^{(21)}m_{310}\\
&-m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(00)}m_{301}^{(11)} - m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(00)}m_{220}^{(20)} + m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(00)}m_{211}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(10)}m_{400}^{(21)} + m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(10)}m_{310}^{(20)} + m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(10)}m_{301}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(10)}m_{211}^{(00)} + m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(20)}m_{400}^{(11)} - 2m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(20)}m_{310}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(20)}m_{220}^{(00)} - m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(10)}m_{022}^{(22)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(10)}m_{013}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(10)}m_{004}^{(11)} + m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(11)}m_{112}^{(22)} - m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(11)}m_{103}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(11)}m_{013}^{(20)} + m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(11)}m_{004}^{(10)} - m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(21)}m_{112}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(21)}m_{103}^{(11)} + m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(21)}m_{022}^{(20)} - m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(21)}m_{013}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(10)}m_{031}^{(22)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(10)}m_{022}^{(21)} + m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(10)}m_{013}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(11)}m_{121}^{(22)} + m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(11)}m_{112}^{(21)} + m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(11)}m_{022}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(11)}m_{013}^{(10)} + m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(21)}m_{121}^{(21)} - m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(21)}m_{112}^{(11)}\\
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&-m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(10)}m_{103}^{(21)} - m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(10)}m_{013}^{(20)} + m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(10)}m_{004}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(11)}m_{202}^{(22)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(11)}m_{103}^{(20)} - m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(11)}m_{004}^{(00)}\\
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&+2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(10)}m_{022}^{(20)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(10)}m_{013}^{(10)} + m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(11)}m_{211}^{(22)}\\
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&+2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(11)}m_{013}^{(00)} - m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(21)}m_{211}^{(21)} - m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(21)}m_{202}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(21)}m_{121}^{(20)} + 3m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(21)}m_{112}^{(10)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(21)}m_{022}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(10)}m_{121}^{(21)} - m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(10)}m_{112}^{(11)} - m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(10)}m_{031}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(10)}m_{022}^{(10)} - m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(11)}m_{211}^{(21)} + m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(11)}m_{121}^{(20)}\\
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&+m_{000}^{(20)}m_{100}^{(11)}m_{200}^{(21)}m_{112}^{(21)} - m_{000}^{(20)}m_{100}^{(11)}m_{200}^{(21)}m_{103}^{(11)} - m_{000}^{(20)}m_{100}^{(11)}m_{200}^{(21)}m_{022}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{200}^{(21)}m_{013}^{(10)} - m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(10)}m_{112}^{(22)} + m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(10)}m_{103}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(10)}m_{013}^{(20)} - m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(10)}m_{004}^{(10)} + m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(11)}m_{202}^{(22)}\\
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&+m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(21)}m_{112}^{(20)} + m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(21)}m_{103}^{(10)} - m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(21)}m_{013}^{(00)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(10)}m_{121}^{(22)} + 3m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(10)}m_{112}^{(21)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(10)}m_{103}^{(11)}\\
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&-m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(21)}m_{211}^{(21)}+2m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(21)}m_{202}^{(11)}+m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(21)}m_{121}^{(20)}\\
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&-m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(10)}m_{202}^{(21)}-m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(10)}m_{112}^{(20)}+m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(10)}m_{103}^{(10)}\\
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&+2m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(10)}m_{031}^{(21)}-m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(10)}m_{022}^{(11)}+m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(11)}m_{130}^{(22)}\\
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&+m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(10)}m_{022}^{(20)}-m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(10)}m_{013}^{(10)}+m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(11)}m_{211}^{(22)}\\
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&+m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(21)}m_{121}^{(20)}+m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(21)}m_{112}^{(10)}-m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(21)}m_{022}^{(00)}\\
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&+2m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(10)}m_{022}^{(10)}-m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(11)}m_{220}^{(22)}-m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(11)}m_{211}^{(21)}\\
&+3m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(11)}m_{121}^{(20)}+m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(11)}m_{112}^{(10)}-2m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(11)}m_{022}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(21)}m_{220}^{(21)}+m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(21)}m_{211}^{(11)}-m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(21)}m_{130}^{(20)}\\
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&+m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(10)}m_{121}^{(11)}+m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(10)}m_{040}^{(20)}-m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(10)}m_{031}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(11)}m_{220}^{(21)}-m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(11)}m_{130}^{(20)}-m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(11)}m_{121}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(11)}m_{031}^{(00)}-m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(21)}m_{220}^{(11)}+2m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(21)}m_{130}^{(10)}\\
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&+2m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(21)}m_{112}^{(11)}+2m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(21)}m_{031}^{(20)}-2m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(21)}m_{022}^{(10)}\\
&+3m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(10)}m_{121}^{(22)}-4m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(10)}m_{112}^{(21)}+m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(10)}m_{103}^{(11)}\\
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&-3m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{121}^{(20)}-m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{112}^{(10)}+2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{022}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(10)}m_{130}^{(22)}-4m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(10)}m_{121}^{(21)}+3m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(10)}m_{112}^{(11)}
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&+2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(10)}m_{031}^{(20)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(10)}m_{022}^{(10)} - m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{220}^{(22)}\\
&+3m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{211}^{(21)} - m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{121}^{(20)} - 3m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{112}^{(10)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{022}^{(00)} + m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{220}^{(21)} - 3m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{211}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{130}^{(20)} + 5m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{121}^{(10)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{031}^{(00)}\\
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&-m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(10)}m_{103}^{(10)} + m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(11)}m_{301}^{(22)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(11)}m_{202}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(11)}m_{103}^{(00)} - m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(21)}m_{301}^{(21)} + m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(21)}m_{211}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(21)}m_{202}^{(10)} - m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(21)}m_{112}^{(00)} - m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{220}^{(22)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{211}^{(21)} - m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{202}^{(11)} + m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(11)}m_{310}^{(22)}\\
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&+3m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(10)}m_{121}^{(21)} - m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(10)}m_{112}^{(11)} + m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(10)}m_{031}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(10)}m_{022}^{(10)} + 2m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(11)}m_{220}^{(22)} - m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(11)}m_{211}^{(21)}\\
&-3m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(11)}m_{121}^{(20)} + m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(11)}m_{112}^{(10)} + m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(11)}m_{022}^{(00)}\\
&-2m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(21)}m_{220}^{(21)} + m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(21)}m_{211}^{(11)} + 2m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(21)}m_{130}^{(20)}\\
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&+m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(11)}m_{130}^{(20)} + m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(11)}m_{121}^{(10)} - m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(11)}m_{031}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(21)}m_{220}^{(11)} - 2m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(21)}m_{130}^{(10)} + m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(21)}m_{040}^{(00)}\\
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&+m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(10)}m_{112}^{(10)} - m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(11)}m_{310}^{(22)} + 2m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(11)}m_{211}^{(20)}\\
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&+m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(10)}m_{211}^{(11)} + m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(10)}m_{130}^{(20)} - m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(10)}m_{121}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(11)}m_{310}^{(21)} - m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(11)}m_{220}^{(20)} - m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(11)}m_{211}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(11)}m_{121}^{(00)} - m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(21)}m_{310}^{(11)} + 2m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(21)}m_{220}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(21)}m_{130}^{(00)} - m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(20)}m_{031}^{(22)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(20)}m_{022}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(20)}m_{013}^{(11)} + m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(21)}m_{121}^{(22)} - m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(21)}m_{112}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(21)}m_{022}^{(20)} + m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(21)}m_{013}^{(10)} - m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(22)}m_{121}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(22)}m_{112}^{(11)} + m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(22)}m_{031}^{(20)} - m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(22)}m_{022}^{(10)}
\end{aligned}
$$

$$+m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(20)}m_{040}^{(22)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(20)}m_{031}^{(21)} + m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(20)}m_{022}^{(11)}$$
$$-m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(21)}m_{130}^{(22)} + m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(21)}m_{121}^{(21)} + m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(21)}m_{031}^{(20)}$$
$$-m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(21)}m_{022}^{(10)} + m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(22)}m_{130}^{(21)} - m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(22)}m_{121}^{(11)}$$
$$-m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(22)}m_{040}^{(20)} + m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(22)}m_{031}^{(10)} + m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(20)}m_{121}^{(22)}$$
$$-m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(20)}m_{112}^{(21)} - m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(20)}m_{022}^{(20)} + m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(20)}m_{013}^{(10)}$$
$$-m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(21)}m_{211}^{(22)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(21)}m_{112}^{(20)} - m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(21)}m_{013}^{(00)}$$
$$+m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(22)}m_{211}^{(21)} - m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(22)}m_{121}^{(20)} - m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(22)}m_{112}^{(10)}$$
$$+m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(22)}m_{022}^{(00)} - m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(20)}m_{130}^{(22)} + m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(20)}m_{112}^{(11)}$$
$$+2m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(20)}m_{031}^{(20)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(20)}m_{022}^{(10)} + m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{220}^{(22)}$$
$$+m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{211}^{(21)} - 3m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{121}^{(20)} - m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{112}^{(10)}$$
$$+2m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{022}^{(00)} - m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(22)}m_{220}^{(21)} - m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(22)}m_{211}^{(11)}$$
$$+m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(22)}m_{130}^{(20)} + 3m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(22)}m_{121}^{(10)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(22)}m_{031}^{(00)}$$
$$+m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(20)}m_{130}^{(21)} - m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(20)}m_{121}^{(11)} - m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(20)}m_{040}^{(20)}$$
$$+m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(20)}m_{031}^{(10)} - m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(21)}m_{220}^{(21)} + m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(21)}m_{130}^{(20)}$$
$$+m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(21)}m_{121}^{(10)} - m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(21)}m_{031}^{(00)} + m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(22)}m_{220}^{(11)}$$
$$-2m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(22)}m_{130}^{(10)} + m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(22)}m_{040}^{(00)} + m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(20)}m_{031}^{(22)}$$
$$-2m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(20)}m_{022}^{(21)} + m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(20)}m_{013}^{(11)} - m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(21)}m_{121}^{(22)}$$
$$+m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(21)}m_{112}^{(21)} + m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(21)}m_{022}^{(20)} - m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(21)}m_{013}^{(10)}$$
$$+m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(22)}m_{121}^{(21)} - m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(22)}m_{112}^{(11)} - m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(22)}m_{031}^{(20)}$$
$$+m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(22)}m_{022}^{(10)} + m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(00)}m_{022}^{(22)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(00)}m_{013}^{(21)}$$
$$+m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(00)}m_{004}^{(11)} - m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(10)}m_{112}^{(22)} + m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(10)}m_{103}^{(21)}$$
$$+m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(10)}m_{013}^{(20)} - m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(10)}m_{004}^{(10)} + m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{202}^{(21)}$$
$$-m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{112}^{(20)} - m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{103}^{(10)} + m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{013}^{(00)}$$
$$-m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{202}^{(11)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{112}^{(10)} - m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{022}^{(00)}$$
$$-m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(00)}m_{031}^{(22)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(00)}m_{022}^{(21)} - m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(00)}m_{013}^{(11)}$$
$$+m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(10)}m_{121}^{(22)} - m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(10)}m_{112}^{(21)} - m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(10)}m_{022}^{(20)}$$
$$+m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(10)}m_{013}^{(10)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(20)}m_{130}^{(22)} + 4m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(20)}m_{121}^{(21)}$$
$$-2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(20)}m_{112}^{(11)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{220}^{(22)} - 3m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{211}^{(21)}$$
$$-m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{121}^{(20)} + 3m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{112}^{(10)} - m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{022}^{(00)}$$
$$-2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(22)}m_{220}^{(21)} + 3m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(22)}m_{211}^{(11)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(22)}m_{130}^{(20)}$$
$$-4m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(22)}m_{121}^{(10)} + m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(22)}m_{031}^{(00)} - m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(00)}m_{112}^{(22)}$$
$$+m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(00)}m_{103}^{(21)} + m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(00)}m_{013}^{(20)} - m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(00)}m_{004}^{(10)}$$
$$+m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(10)}m_{202}^{(22)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(10)}m_{103}^{(20)} + m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(10)}m_{004}^{(00)}$$
$$-m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(20)}m_{211}^{(22)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(20)}m_{112}^{(20)} - m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(20)}m_{013}^{(00)}$$
$$+m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(21)}m_{301}^{(22)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(21)}m_{202}^{(20)} + m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(21)}m_{103}^{(00)}$$
$$-m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(22)}m_{301}^{(21)} + m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(22)}m_{211}^{(20)} + m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(22)}m_{202}^{(10)}$$
$$-m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(22)}m_{112}^{(00)} + m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(00)}m_{121}^{(22)} - m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(00)}m_{103}^{(11)}$$
$$-2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(00)}m_{022}^{(20)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(00)}m_{013}^{(10)} - m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{211}^{(22)}$$

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\begin{aligned}
&-m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{202}^{(21)}+3m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{112}^{(20)}+m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{103}^{(10)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{013}^{(00)}+2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{220}^{(22)}-4m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{121}^{(20)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{022}^{(00)}-2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{310}^{(22)}-m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{301}^{(21)}\\
&+5m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{211}^{(20)}+m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{202}^{(10)}-3m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{112}^{(00)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(22)}m_{310}^{(21)}+m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(22)}m_{301}^{(11)}-2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(22)}m_{220}^{(20)}\\
&-4m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(22)}m_{211}^{(10)}+3m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(22)}m_{121}^{(00)}-m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(00)}m_{121}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(00)}m_{112}^{(11)}+m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(00)}m_{031}^{(20)}-m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(00)}m_{022}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{211}^{(21)}-m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{121}^{(20)}-m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{112}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{022}^{(00)}-2m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(20)}m_{220}^{(21)}+m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(20)}m_{211}^{(11)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(20)}m_{130}^{(20)}-m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(20)}m_{031}^{(00)}+2m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(21)}m_{310}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(21)}m_{220}^{(20)}-2m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(21)}m_{211}^{(10)}+2m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(21)}m_{121}^{(00)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(22)}m_{310}^{(11)}+4m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(22)}m_{220}^{(10)}-2m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(22)}m_{130}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(00)}m_{022}^{(22)}+2m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(00)}m_{013}^{(21)}-m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(00)}m_{004}^{(11)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(10)}m_{112}^{(22)}-m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(10)}m_{103}^{(21)}-m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(10)}m_{013}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(10)}m_{004}^{(10)}-m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(20)}m_{121}^{(22)}+m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(20)}m_{112}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(20)}m_{022}^{(20)}-m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(20)}m_{013}^{(10)}+m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(21)}m_{211}^{(22)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(21)}m_{202}^{(21)}-m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(21)}m_{112}^{(20)}+m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(21)}m_{103}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(22)}m_{211}^{(21)}+m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(22)}m_{202}^{(11)}+m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(22)}m_{121}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(22)}m_{112}^{(10)}+m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(00)}m_{112}^{(22)}-m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(00)}m_{103}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(00)}m_{013}^{(20)}+m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(00)}m_{004}^{(10)}-m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(10)}m_{202}^{(22)}\\
&+2m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(10)}m_{103}^{(20)}-m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(10)}m_{004}^{(00)}+m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(20)}m_{211}^{(22)}\\
&-2m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(20)}m_{112}^{(20)}+m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(20)}m_{013}^{(00)}-m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(21)}m_{301}^{(22)}\\
&+2m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(21)}m_{202}^{(20)}-m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(21)}m_{103}^{(00)}+m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(22)}m_{301}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(22)}m_{211}^{(20)}-m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(22)}m_{202}^{(10)}+m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(22)}m_{112}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(00)}m_{121}^{(22)}-3m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(00)}m_{112}^{(21)}+2m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(00)}m_{103}^{(11)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(00)}m_{022}^{(20)}-m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(00)}m_{013}^{(10)}-m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(10)}m_{211}^{(22)}\\
&+2m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(10)}m_{202}^{(21)}-2m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(10)}m_{103}^{(10)}+m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(10)}m_{013}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(20)}m_{220}^{(22)}-2m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(20)}m_{211}^{(21)}+2m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(20)}m_{112}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(20)}m_{022}^{(00)}-m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(21)}m_{310}^{(22)}+2m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(21)}m_{301}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(21)}m_{202}^{(10)}+m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(21)}m_{112}^{(00)}+m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(22)}m_{310}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(22)}m_{301}^{(11)}-m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(22)}m_{220}^{(20)}+3m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(22)}m_{211}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(22)}m_{121}^{(00)}-m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(00)}m_{211}^{(22)}+m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(00)}m_{202}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(00)}m_{112}^{(20)}-m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(00)}m_{103}^{(10)}+m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(10)}m_{301}^{(22)}\\
&-2m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(10)}m_{202}^{(20)}+m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(10)}m_{103}^{(00)}-m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(20)}m_{310}^{(22)}\\
&+2m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(20)}m_{211}^{(20)}-m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(20)}m_{112}^{(00)}+m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(21)}m_{400}^{(22)}\\
&-2m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(21)}m_{301}^{(20)}+m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(21)}m_{202}^{(00)}-m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(22)}m_{400}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(22)}m_{310}^{(20)}+m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(22)}m_{301}^{(10)}-m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(22)}m_{211}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(00)}m_{211}^{(21)}-m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(00)}m_{202}^{(11)}-m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(00)}m_{121}^{(20)}
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\begin{aligned}
&+m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(00)}m_{112}^{(10)} - m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(10)}m_{301}^{(21)} + m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(10)}m_{211}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(10)}m_{202}^{(10)} - m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(10)}m_{112}^{(00)} + m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(20)}m_{310}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(20)}m_{220}^{(20)} - m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(20)}m_{211}^{(10)} + m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(20)}m_{121}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(21)}m_{400}^{(21)} + m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(21)}m_{310}^{(20)} + m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(21)}m_{301}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(21)}m_{211}^{(00)} + m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(22)}m_{400}^{(11)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(22)}m_{310}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(22)}m_{220}^{(00)} - m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(20)}m_{040}^{(22)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(20)}m_{031}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(20)}m_{022}^{(11)} + m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(21)}m_{130}^{(22)} - m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(21)}m_{121}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(21)}m_{031}^{(20)} + m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(21)}m_{022}^{(10)} - m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(22)}m_{130}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(22)}m_{121}^{(11)} + m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(22)}m_{040}^{(20)} - m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(22)}m_{031}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(00)}m_{031}^{(22)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(00)}m_{022}^{(21)} - m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(00)}m_{013}^{(11)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(10)}m_{121}^{(22)} - m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(10)}m_{112}^{(21)} - m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(10)}m_{022}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(10)}m_{013}^{(10)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(20)}m_{130}^{(22)} - 4m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(20)}m_{121}^{(21)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(20)}m_{112}^{(11)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{220}^{(22)} + m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{211}^{(21)}\\
&+3m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{121}^{(20)} - m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{112}^{(10)} - m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{022}^{(00)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(22)}m_{220}^{(21)} - m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(22)}m_{211}^{(11)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(22)}m_{130}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(22)}m_{031}^{(00)} + m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(00)}m_{040}^{(22)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(00)}m_{031}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(00)}m_{022}^{(11)} - m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(10)}m_{130}^{(22)} + m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(10)}m_{121}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(10)}m_{031}^{(20)} - m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(10)}m_{022}^{(10)} + m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{220}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{130}^{(20)} - m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{121}^{(10)} + m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{031}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(22)}m_{220}^{(11)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(22)}m_{130}^{(10)} - m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(22)}m_{040}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(00)}m_{121}^{(22)} - m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(00)}m_{112}^{(21)} - m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(00)}m_{022}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(00)}m_{013}^{(10)} - m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(10)}m_{211}^{(22)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(10)}m_{112}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(10)}m_{013}^{(00)} - m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(20)}m_{220}^{(22)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(20)}m_{211}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(20)}m_{112}^{(10)} + m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(20)}m_{022}^{(00)} + m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(21)}m_{310}^{(22)}\\
&-2m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(21)}m_{211}^{(20)} + m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(21)}m_{112}^{(00)} - m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(22)}m_{310}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(22)}m_{220}^{(20)} + m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(22)}m_{211}^{(10)} - m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(22)}m_{121}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(00)}m_{130}^{(22)} + m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(00)}m_{112}^{(11)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(00)}m_{031}^{(20)}\\
&-2m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(00)}m_{022}^{(10)} + m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{220}^{(22)} + m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{211}^{(21)}\\
&-3m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{121}^{(20)} - m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{112}^{(10)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{022}^{(00)}\\
&-2m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(20)}m_{211}^{(11)} + 4m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(20)}m_{121}^{(10)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(20)}m_{031}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{310}^{(21)} + m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{220}^{(20)} + m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{211}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{121}^{(00)} + m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(22)}m_{310}^{(11)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(22)}m_{220}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(22)}m_{130}^{(00)} + m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(00)}m_{130}^{(21)} - m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(00)}m_{121}^{(11)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(00)}m_{040}^{(20)} + m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(00)}m_{031}^{(10)} - m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(10)}m_{220}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(10)}m_{130}^{(20)} + m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(10)}m_{121}^{(10)} - m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(10)}m_{031}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(20)}m_{220}^{(11)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(20)}m_{130}^{(10)} + m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(20)}m_{040}^{(00)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(00)}m_{031}^{(22)} - 4m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(00)}m_{022}^{(21)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(00)}m_{013}^{(11)}\\
&-2m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(10)}m_{121}^{(22)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(10)}m_{112}^{(21)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(10)}m_{022}^{(20)}
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&-2m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(10)}m_{013}^{(10)} + m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(20)}m_{130}^{(22)} - m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(20)}m_{112}^{(11)}\\
&-2m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(20)}m_{031}^{(20)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(20)}m_{022}^{(10)} - m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{220}^{(22)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{211}^{(21)} + m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{121}^{(20)} - m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{112}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(22)}m_{220}^{(21)} - m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(22)}m_{211}^{(11)} - m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(22)}m_{130}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(22)}m_{121}^{(10)} - 3m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(00)}m_{121}^{(22)} + 4m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(00)}m_{112}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(00)}m_{103}^{(11)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(00)}m_{022}^{(20)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(00)}m_{013}^{(10)}\\
&+3m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{211}^{(22)} - m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{202}^{(21)} - 5m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{112}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{103}^{(10)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{013}^{(00)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{220}^{(22)}\\
&+4m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{121}^{(20)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{022}^{(00)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{310}^{(22)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{301}^{(21)} - 3m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{211}^{(20)} + m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{202}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{112}^{(00)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(22)}m_{310}^{(21)} + m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(22)}m_{301}^{(11)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(22)}m_{220}^{(20)} - m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(22)}m_{121}^{(00)} - m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(00)}m_{130}^{(22)}\\
&+4m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(00)}m_{121}^{(21)} - 3m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(00)}m_{112}^{(11)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(00)}m_{031}^{(20)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(00)}m_{022}^{(10)} + m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{220}^{(22)} - 3m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{211}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{121}^{(20)} + 3m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{112}^{(10)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{022}^{(00)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{211}^{(11)} - 4m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{121}^{(10)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{031}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{310}^{(21)} + m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{220}^{(20)} + m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{211}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{121}^{(00)} + m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(22)}m_{310}^{(11)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(22)}m_{220}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(22)}m_{130}^{(00)} + m_{000}^{(20)}m_{010}^{(21)}m_{020}^{(00)}m_{211}^{(22)} - m_{000}^{(20)}m_{010}^{(21)}m_{020}^{(00)}m_{202}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{020}^{(00)}m_{112}^{(20)} + m_{000}^{(20)}m_{010}^{(21)}m_{020}^{(00)}m_{103}^{(10)} - m_{000}^{(20)}m_{010}^{(21)}m_{020}^{(10)}m_{301}^{(22)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{020}^{(10)}m_{202}^{(20)} - m_{000}^{(20)}m_{010}^{(21)}m_{020}^{(10)}m_{103}^{(00)} + m_{000}^{(20)}m_{010}^{(21)}m_{020}^{(20)}m_{310}^{(22)}\\
&-2m_{000}^{(20)}m_{010}^{(21)}m_{020}^{(20)}m_{211}^{(20)} + m_{000}^{(20)}m_{010}^{(21)}m_{020}^{(20)}m_{112}^{(00)} - m_{000}^{(20)}m_{010}^{(21)}m_{020}^{(21)}m_{400}^{(22)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{020}^{(21)}m_{301}^{(20)} - m_{000}^{(20)}m_{010}^{(21)}m_{020}^{(21)}m_{202}^{(00)} + m_{000}^{(20)}m_{010}^{(21)}m_{020}^{(22)}m_{400}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{020}^{(22)}m_{310}^{(20)} - m_{000}^{(20)}m_{010}^{(21)}m_{020}^{(22)}m_{301}^{(10)} + m_{000}^{(20)}m_{010}^{(21)}m_{020}^{(22)}m_{211}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{220}^{(22)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{211}^{(21)} + m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{202}^{(11)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{310}^{(22)} + m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{301}^{(21)} + m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{211}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{202}^{(10)} + m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{400}^{(21)} - m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{310}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{301}^{(10)} + m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{211}^{(00)} - m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(22)}m_{400}^{(11)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(22)}m_{310}^{(10)} - m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(22)}m_{220}^{(00)} - m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(00)}m_{220}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(00)}m_{211}^{(11)} + m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(00)}m_{130}^{(20)} - m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(00)}m_{121}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(10)}m_{310}^{(21)} - m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(10)}m_{220}^{(20)} - m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(10)}m_{211}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(10)}m_{121}^{(00)} - m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(20)}m_{310}^{(11)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(20)}m_{220}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(20)}m_{130}^{(00)} - m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(00)}m_{040}^{(22)} + 2m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(00)}m_{031}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(00)}m_{022}^{(11)} + m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(10)}m_{130}^{(22)} - m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(10)}m_{121}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(10)}m_{031}^{(20)} + m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(10)}m_{022}^{(10)} - m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(20)}m_{130}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(20)}m_{121}^{(11)} + m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(20)}m_{040}^{(20)} - m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(20)}m_{031}^{(10)}\\
&+2m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(00)}m_{130}^{(22)} - 3m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(00)}m_{121}^{(21)} + m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(00)}m_{112}^{(11)}\\
&-m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(00)}m_{031}^{(20)} + m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{022}^{(00)} - 2m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{220}^{(22)}
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&+m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{211}^{(21)} + 3m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{121}^{(20)} - m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{112}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{022}^{(00)} + 2m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{220}^{(21)} - m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{211}^{(11)}\\
&-2m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{130}^{(20)} + m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(20)}m_{031}^{(00)} - m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(00)}m_{130}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(00)}m_{121}^{(11)} + m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(00)}m_{040}^{(20)} - m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(00)}m_{031}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(10)}m_{220}^{(21)} - m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(10)}m_{130}^{(20)} - m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(10)}m_{121}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(10)}m_{031}^{(00)} - m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(20)}m_{220}^{(11)} + 2m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(20)}m_{130}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(20)}m_{040}^{(00)} - m_{000}^{(20)}m_{010}^{(22)}m_{020}^{(00)}m_{220}^{(22)} + m_{000}^{(20)}m_{010}^{(22)}m_{020}^{(00)}m_{211}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{020}^{(00)}m_{121}^{(20)} - m_{000}^{(20)}m_{010}^{(22)}m_{020}^{(00)}m_{112}^{(10)} + m_{000}^{(20)}m_{010}^{(22)}m_{020}^{(10)}m_{310}^{(22)}\\
&-2m_{000}^{(20)}m_{010}^{(22)}m_{020}^{(10)}m_{211}^{(20)} + m_{000}^{(20)}m_{010}^{(22)}m_{020}^{(10)}m_{112}^{(00)} - m_{000}^{(20)}m_{010}^{(22)}m_{020}^{(20)}m_{310}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{020}^{(20)}m_{220}^{(20)} + m_{000}^{(20)}m_{010}^{(22)}m_{020}^{(20)}m_{211}^{(10)} - m_{000}^{(20)}m_{010}^{(22)}m_{020}^{(20)}m_{121}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(00)}m_{220}^{(21)} - m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(00)}m_{211}^{(11)} - m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(00)}m_{130}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(00)}m_{121}^{(10)} - m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{310}^{(21)} + m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{220}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{211}^{(10)} - m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(10)}m_{121}^{(00)} + m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(20)}m_{310}^{(11)}\\
&-2m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(20)}m_{220}^{(10)} + m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(20)}m_{130}^{(00)} + m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(10)}m_{031}^{(22)}\\
&-2m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(10)}m_{022}^{(21)} + m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(10)}m_{013}^{(11)} - m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(11)}m_{121}^{(22)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(11)}m_{112}^{(21)} + m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(11)}m_{022}^{(20)} - m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(11)}m_{013}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{121}^{(21)} - m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{112}^{(11)} - m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{031}^{(20)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{022}^{(10)} - m_{000}^{(20)}m_{001}^{(00)}m_{101}^{(10)}m_{040}^{(22)} + 2m_{000}^{(20)}m_{001}^{(00)}m_{101}^{(10)}m_{031}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(00)}m_{101}^{(10)}m_{022}^{(11)} + m_{000}^{(20)}m_{001}^{(00)}m_{101}^{(11)}m_{130}^{(22)} - m_{000}^{(20)}m_{001}^{(00)}m_{101}^{(11)}m_{121}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(00)}m_{101}^{(11)}m_{031}^{(20)} + m_{000}^{(20)}m_{001}^{(00)}m_{101}^{(11)}m_{022}^{(10)} - m_{000}^{(20)}m_{001}^{(00)}m_{101}^{(21)}m_{130}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{101}^{(21)}m_{121}^{(11)} + m_{000}^{(20)}m_{001}^{(00)}m_{101}^{(21)}m_{040}^{(20)} - m_{000}^{(20)}m_{001}^{(00)}m_{101}^{(21)}m_{031}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(10)}m_{121}^{(22)} + m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(10)}m_{112}^{(21)} + m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(10)}m_{022}^{(20)}\\
&-m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(10)}m_{013}^{(10)} + m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(11)}m_{211}^{(22)} - 2m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(11)}m_{112}^{(20)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(11)}m_{013}^{(00)} - m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{211}^{(21)} + m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{121}^{(20)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{112}^{(10)} - m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{022}^{(00)} + m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{130}^{(22)}\\
&-m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{112}^{(11)} - 2m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{031}^{(20)} + 2m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{022}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{220}^{(22)} - m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{211}^{(21)} + 3m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{121}^{(20)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{112}^{(10)} - 2m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{022}^{(00)} + m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{220}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{211}^{(11)} - m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{130}^{(20)} - 3m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{121}^{(10)}\\
&+2m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{031}^{(00)} - m_{000}^{(20)}m_{001}^{(00)}m_{002}^{(10)}m_{130}^{(21)} + m_{000}^{(20)}m_{001}^{(00)}m_{002}^{(10)}m_{121}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{002}^{(10)}m_{040}^{(20)} - m_{000}^{(20)}m_{001}^{(00)}m_{002}^{(10)}m_{031}^{(10)} + m_{000}^{(20)}m_{001}^{(00)}m_{002}^{(11)}m_{220}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(00)}m_{002}^{(11)}m_{130}^{(20)} - m_{000}^{(20)}m_{001}^{(00)}m_{002}^{(11)}m_{121}^{(10)} + m_{000}^{(20)}m_{001}^{(00)}m_{002}^{(11)}m_{031}^{(00)}\\
&-m_{000}^{(20)}m_{001}^{(00)}m_{002}^{(21)}m_{220}^{(11)} + 2m_{000}^{(20)}m_{001}^{(00)}m_{002}^{(21)}m_{130}^{(10)} - m_{000}^{(20)}m_{001}^{(00)}m_{002}^{(21)}m_{040}^{(00)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(10)}m_{031}^{(22)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(10)}m_{022}^{(21)} - m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(10)}m_{013}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(11)}m_{121}^{(22)} - m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(11)}m_{112}^{(21)} - m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(11)}m_{022}^{(20)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(11)}m_{013}^{(10)} - m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(21)}m_{121}^{(21)} + m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(21)}m_{112}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(21)}m_{031}^{(20)} - m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(21)}m_{022}^{(10)} + m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{112}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{103}^{(11)} - m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{022}^{(20)} + m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{013}^{(10)}
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&-m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(11)}m_{202}^{(21)}+m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(11)}m_{112}^{(20)}+m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(11)}m_{103}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(11)}m_{013}^{(00)}+m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{202}^{(11)}-2m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{112}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{022}^{(00)}+2m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{130}^{(22)}-5m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{121}^{(21)}\\
&+3m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{112}^{(11)}+m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{031}^{(20)}-m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{022}^{(10)}\\
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&-3m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{112}^{(10)}+m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{022}^{(00)}+2m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{220}^{(21)}\\
&-3m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{211}^{(11)}-2m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{130}^{(20)}+4m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{121}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{031}^{(00)}+m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{211}^{(22)}-m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{202}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{112}^{(20)}+m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{103}^{(10)}-m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(11)}m_{301}^{(22)}\\
&+2m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(11)}m_{202}^{(20)}-m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(11)}m_{103}^{(00)}+m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{301}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{211}^{(20)}-m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{202}^{(10)}+m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(21)}m_{112}^{(00)}\\
&-2m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{220}^{(22)}+m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{211}^{(21)}+m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{202}^{(11)}\\
&+3m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{121}^{(20)}-3m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{112}^{(10)}+2m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{310}^{(22)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{301}^{(21)}-5m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{211}^{(20)}-m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{202}^{(10)}\\
&+3m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{112}^{(00)}-2m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{310}^{(21)}-m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{301}^{(11)}\\
&+2m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{220}^{(20)}+4m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{211}^{(10)}-3m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{121}^{(00)}\\
&+2m_{000}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{220}^{(21)}-2m_{000}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{211}^{(11)}-2m_{000}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{130}^{(20)}\\
&+2m_{000}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{121}^{(10)}-2m_{000}^{(20)}m_{001}^{(10)}m_{002}^{(11)}m_{310}^{(21)}+2m_{000}^{(20)}m_{001}^{(10)}m_{002}^{(11)}m_{220}^{(20)}\\
&+2m_{000}^{(20)}m_{001}^{(10)}m_{002}^{(11)}m_{211}^{(10)}-2m_{000}^{(20)}m_{001}^{(10)}m_{002}^{(11)}m_{121}^{(00)}+2m_{000}^{(20)}m_{001}^{(10)}m_{002}^{(21)}m_{310}^{(11)}\\
&-4m_{000}^{(20)}m_{001}^{(10)}m_{002}^{(21)}m_{220}^{(10)}+2m_{000}^{(20)}m_{001}^{(10)}m_{002}^{(21)}m_{130}^{(00)}+m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(10)}m_{121}^{(22)}\\
&-2m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(10)}m_{112}^{(21)}+m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(10)}m_{103}^{(11)}-m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(11)}m_{211}^{(22)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(11)}m_{202}^{(21)}+m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(11)}m_{112}^{(20)}-m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(11)}m_{103}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(21)}m_{211}^{(21)}-m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(21)}m_{202}^{(11)}-m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(21)}m_{121}^{(20)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(21)}m_{112}^{(10)}-m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(10)}m_{211}^{(22)}+m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(10)}m_{202}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(10)}m_{112}^{(20)}-m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(10)}m_{103}^{(10)}+m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(11)}m_{301}^{(22)}\\
&-2m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(11)}m_{202}^{(20)}+m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(11)}m_{103}^{(00)}-m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{301}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{211}^{(20)}+m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{202}^{(10)}-m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(21)}m_{112}^{(00)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{220}^{(22)}+3m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{211}^{(21)}-2m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{202}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{121}^{(20)}+m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{112}^{(10)}+m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(11)}m_{310}^{(22)}\\
&-2m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(11)}m_{301}^{(21)}+2m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(11)}m_{202}^{(10)}-m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(11)}m_{112}^{(00)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{310}^{(21)}+2m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{301}^{(11)}+m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{220}^{(20)}\\
&-3m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{211}^{(10)}+m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(21)}m_{121}^{(00)}+m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{310}^{(22)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{301}^{(21)}-m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{211}^{(20)}+m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{202}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(11)}m_{400}^{(22)}+2m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(11)}m_{301}^{(20)}-m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(11)}m_{202}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(21)}m_{400}^{(21)}-m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(21)}m_{310}^{(20)}-m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(21)}m_{301}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(21)}m_{211}^{(00)}-m_{000}^{(20)}m_{001}^{(11)}m_{002}^{(10)}m_{310}^{(21)}+m_{000}^{(20)}m_{001}^{(11)}m_{002}^{(10)}m_{301}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{002}^{(10)}m_{220}^{(20)}-m_{000}^{(20)}m_{001}^{(11)}m_{002}^{(10)}m_{211}^{(10)}+m_{000}^{(20)}m_{001}^{(11)}m_{002}^{(11)}m_{400}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{002}^{(11)}m_{310}^{(20)}-m_{000}^{(20)}m_{001}^{(11)}m_{002}^{(11)}m_{301}^{(10)}+m_{000}^{(20)}m_{001}^{(11)}m_{002}^{(11)}m_{211}^{(00)}
\end{aligned}
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\begin{aligned}
&-m^{(20)}_{000}m^{(11)}_{001}m^{(21)}_{002}m^{(11)}_{400}+2m^{(20)}_{000}m^{(11)}_{001}m^{(21)}_{002}m^{(10)}_{310}-m^{(20)}_{000}m^{(11)}_{001}m^{(21)}_{002}m^{(00)}_{220}\\
&+m^{(20)}_{000}m^{(20)}_{001}m^{(10)}_{200}m^{(22)}_{040}-2m^{(20)}_{000}m^{(20)}_{001}m^{(10)}_{200}m^{(21)}_{031}+m^{(20)}_{000}m^{(20)}_{001}m^{(10)}_{200}m^{(11)}_{022}\\
&-m^{(20)}_{000}m^{(20)}_{001}m^{(11)}_{200}m^{(22)}_{130}+m^{(20)}_{000}m^{(20)}_{001}m^{(11)}_{200}m^{(21)}_{121}+m^{(20)}_{000}m^{(20)}_{001}m^{(11)}_{200}m^{(20)}_{031}\\
&-m^{(20)}_{000}m^{(20)}_{001}m^{(11)}_{200}m^{(10)}_{022}+m^{(20)}_{000}m^{(20)}_{001}m^{(21)}_{200}m^{(21)}_{130}-m^{(20)}_{000}m^{(20)}_{001}m^{(21)}_{200}m^{(11)}_{121}\\
&-m^{(20)}_{000}m^{(20)}_{001}m^{(21)}_{200}m^{(20)}_{040}+m^{(20)}_{000}m^{(20)}_{001}m^{(21)}_{200}m^{(10)}_{031}-2m^{(20)}_{000}m^{(20)}_{001}m^{(10)}_{110}m^{(22)}_{130}\\
&+3m^{(20)}_{000}m^{(20)}_{001}m^{(10)}_{110}m^{(21)}_{121}-m^{(20)}_{000}m^{(20)}_{001}m^{(10)}_{110}m^{(11)}_{112}+m^{(20)}_{000}m^{(20)}_{001}m^{(10)}_{110}m^{(20)}_{031}\\
&-m^{(20)}_{000}m^{(20)}_{001}m^{(10)}_{110}m^{(10)}_{022}+2m^{(20)}_{000}m^{(20)}_{001}m^{(11)}_{110}m^{(22)}_{220}-m^{(20)}_{000}m^{(20)}_{001}m^{(11)}_{110}m^{(21)}_{211}\\
&-3m^{(20)}_{000}m^{(20)}_{001}m^{(11)}_{110}m^{(20)}_{121}+m^{(20)}_{000}m^{(20)}_{001}m^{(11)}_{110}m^{(10)}_{112}+m^{(20)}_{000}m^{(20)}_{001}m^{(11)}_{110}m^{(00)}_{022}\\
&-2m^{(20)}_{000}m^{(20)}_{001}m^{(21)}_{110}m^{(21)}_{220}+m^{(20)}_{000}m^{(20)}_{001}m^{(21)}_{110}m^{(11)}_{211}+2m^{(20)}_{000}m^{(20)}_{001}m^{(21)}_{110}m^{(20)}_{130}\\
&-m^{(20)}_{000}m^{(20)}_{001}m^{(21)}_{110}m^{(00)}_{031}+m^{(20)}_{000}m^{(20)}_{001}m^{(10)}_{101}m^{(21)}_{130}-m^{(20)}_{000}m^{(20)}_{001}m^{(10)}_{101}m^{(11)}_{121}\\
&-m^{(20)}_{000}m^{(20)}_{001}m^{(10)}_{101}m^{(20)}_{040}+m^{(20)}_{000}m^{(20)}_{001}m^{(10)}_{101}m^{(10)}_{031}-m^{(20)}_{000}m^{(20)}_{001}m^{(11)}_{101}m^{(21)}_{220}\\
&+m^{(20)}_{000}m^{(20)}_{001}m^{(11)}_{101}m^{(20)}_{130}+m^{(20)}_{000}m^{(20)}_{001}m^{(11)}_{101}m^{(10)}_{121}-m^{(20)}_{000}m^{(20)}_{001}m^{(11)}_{101}m^{(00)}_{031}\\
&+m^{(20)}_{000}m^{(20)}_{001}m^{(21)}_{101}m^{(11)}_{220}-2m^{(20)}_{000}m^{(20)}_{001}m^{(21)}_{101}m^{(10)}_{130}+m^{(20)}_{000}m^{(20)}_{001}m^{(21)}_{101}m^{(00)}_{040}\\
&+m^{(20)}_{000}m^{(20)}_{001}m^{(10)}_{020}m^{(22)}_{220}-m^{(20)}_{000}m^{(20)}_{001}m^{(10)}_{020}m^{(21)}_{211}-m^{(20)}_{000}m^{(20)}_{001}m^{(10)}_{020}m^{(20)}_{121}\\
&+m^{(20)}_{000}m^{(20)}_{001}m^{(10)}_{020}m^{(10)}_{112}-m^{(20)}_{000}m^{(20)}_{001}m^{(11)}_{020}m^{(22)}_{310}+2m^{(20)}_{000}m^{(20)}_{001}m^{(11)}_{020}m^{(20)}_{211}\\
&-m^{(20)}_{000}m^{(20)}_{001}m^{(11)}_{020}m^{(00)}_{112}+m^{(20)}_{000}m^{(20)}_{001}m^{(21)}_{020}m^{(21)}_{310}-m^{(20)}_{000}m^{(20)}_{001}m^{(21)}_{020}m^{(20)}_{220}\\
&-m^{(20)}_{000}m^{(20)}_{001}m^{(21)}_{020}m^{(10)}_{211}+m^{(20)}_{000}m^{(20)}_{001}m^{(21)}_{020}m^{(00)}_{121}-m^{(20)}_{000}m^{(20)}_{001}m^{(10)}_{011}m^{(21)}_{220}\\
&+m^{(20)}_{000}m^{(20)}_{001}m^{(10)}_{011}m^{(11)}_{211}+m^{(20)}_{000}m^{(20)}_{001}m^{(10)}_{011}m^{(20)}_{130}-m^{(20)}_{000}m^{(20)}_{001}m^{(10)}_{011}m^{(10)}_{121}\\
&+m^{(20)}_{000}m^{(20)}_{001}m^{(11)}_{011}m^{(21)}_{310}-m^{(20)}_{000}m^{(20)}_{001}m^{(11)}_{011}m^{(20)}_{220}-m^{(20)}_{000}m^{(20)}_{001}m^{(11)}_{011}m^{(10)}_{211}\\
&+m^{(20)}_{000}m^{(20)}_{001}m^{(11)}_{011}m^{(00)}_{121}-m^{(20)}_{000}m^{(20)}_{001}m^{(21)}_{011}m^{(11)}_{310}+2m^{(20)}_{000}m^{(20)}_{001}m^{(21)}_{011}m^{(10)}_{220}\\
&-m^{(20)}_{000}m^{(20)}_{001}m^{(21)}_{011}m^{(00)}_{130}-m^{(20)}_{000}m^{(21)}_{001}m^{(10)}_{200}m^{(22)}_{130}+2m^{(20)}_{000}m^{(21)}_{001}m^{(10)}_{200}m^{(21)}_{121}\\
&-m^{(20)}_{000}m^{(21)}_{001}m^{(10)}_{200}m^{(11)}_{112}+m^{(20)}_{000}m^{(21)}_{001}m^{(11)}_{200}m^{(22)}_{220}-m^{(20)}_{000}m^{(21)}_{001}m^{(11)}_{200}m^{(21)}_{211}\\
&-m^{(20)}_{000}m^{(21)}_{001}m^{(11)}_{200}m^{(20)}_{121}+m^{(20)}_{000}m^{(21)}_{001}m^{(11)}_{200}m^{(10)}_{112}-m^{(20)}_{000}m^{(21)}_{001}m^{(21)}_{200}m^{(21)}_{220}\\
&+m^{(20)}_{000}m^{(21)}_{001}m^{(21)}_{200}m^{(11)}_{211}+m^{(20)}_{000}m^{(21)}_{001}m^{(21)}_{200}m^{(20)}_{130}-m^{(20)}_{000}m^{(21)}_{001}m^{(21)}_{200}m^{(10)}_{121}\\
&+2m^{(20)}_{000}m^{(21)}_{001}m^{(10)}_{110}m^{(22)}_{220}-3m^{(20)}_{000}m^{(21)}_{001}m^{(10)}_{110}m^{(21)}_{211}+m^{(20)}_{000}m^{(21)}_{001}m^{(10)}_{110}m^{(11)}_{202}\\
&-m^{(20)}_{000}m^{(21)}_{001}m^{(10)}_{110}m^{(20)}_{121}+m^{(20)}_{000}m^{(21)}_{001}m^{(10)}_{110}m^{(10)}_{112}-2m^{(20)}_{000}m^{(21)}_{001}m^{(11)}_{110}m^{(22)}_{310}\\
&+m^{(20)}_{000}m^{(21)}_{001}m^{(11)}_{110}m^{(21)}_{301}+3m^{(20)}_{000}m^{(21)}_{001}m^{(11)}_{110}m^{(20)}_{211}-m^{(20)}_{000}m^{(21)}_{001}m^{(11)}_{110}m^{(10)}_{202}\\
&-m^{(20)}_{000}m^{(21)}_{001}m^{(11)}_{110}m^{(00)}_{112}+2m^{(20)}_{000}m^{(21)}_{001}m^{(21)}_{110}m^{(21)}_{310}-m^{(20)}_{000}m^{(21)}_{001}m^{(21)}_{110}m^{(11)}_{301}\\
&-2m^{(20)}_{000}m^{(21)}_{001}m^{(21)}_{110}m^{(20)}_{220}+m^{(20)}_{000}m^{(21)}_{001}m^{(21)}_{110}m^{(00)}_{121}-m^{(20)}_{000}m^{(21)}_{001}m^{(10)}_{101}m^{(21)}_{220}\\
&+m^{(20)}_{000}m^{(21)}_{001}m^{(10)}_{101}m^{(11)}_{211}+m^{(20)}_{000}m^{(21)}_{001}m^{(10)}_{101}m^{(20)}_{130}-m^{(20)}_{000}m^{(21)}_{001}m^{(10)}_{101}m^{(10)}_{121}\\
&+m^{(20)}_{000}m^{(21)}_{001}m^{(11)}_{101}m^{(21)}_{310}-m^{(20)}_{000}m^{(21)}_{001}m^{(11)}_{101}m^{(20)}_{220}-m^{(20)}_{000}m^{(21)}_{001}m^{(11)}_{101}m^{(10)}_{211}\\
&+m^{(20)}_{000}m^{(21)}_{001}m^{(11)}_{101}m^{(00)}_{121}-m^{(20)}_{000}m^{(21)}_{001}m^{(21)}_{101}m^{(11)}_{310}+2m^{(20)}_{000}m^{(21)}_{001}m^{(21)}_{101}m^{(10)}_{220}\\
&-m^{(20)}_{000}m^{(21)}_{001}m^{(21)}_{101}m^{(00)}_{130}-m^{(20)}_{000}m^{(21)}_{001}m^{(10)}_{020}m^{(22)}_{310}+m^{(20)}_{000}m^{(21)}_{001}m^{(10)}_{020}m^{(21)}_{301}\\
&+m^{(20)}_{000}m^{(21)}_{001}m^{(10)}_{020}m^{(20)}_{211}-m^{(20)}_{000}m^{(21)}_{001}m^{(10)}_{020}m^{(10)}_{202}+m^{(20)}_{000}m^{(21)}_{001}m^{(11)}_{020}m^{(22)}_{400}\\
&-2m^{(20)}_{000}m^{(21)}_{001}m^{(11)}_{020}m^{(20)}_{301}+m^{(20)}_{000}m^{(21)}_{001}m^{(11)}_{020}m^{(00)}_{202}-m^{(20)}_{000}m^{(21)}_{001}m^{(21)}_{020}m^{(21)}_{400}\\
&+m^{(20)}_{000}m^{(21)}_{001}m^{(21)}_{020}m^{(20)}_{310}+m^{(20)}_{000}m^{(21)}_{001}m^{(21)}_{020}m^{(10)}_{301}-m^{(20)}_{000}m^{(21)}_{001}m^{(21)}_{020}m^{(00)}_{211}\\
&+m^{(20)}_{000}m^{(21)}_{001}m^{(10)}_{011}m^{(21)}_{310}-m^{(20)}_{000}m^{(21)}_{001}m^{(10)}_{011}m^{(11)}_{301}-m^{(20)}_{000}m^{(21)}_{001}m^{(10)}_{011}m^{(20)}_{220}\\
&+m^{(20)}_{000}m^{(21)}_{001}m^{(10)}_{011}m^{(10)}_{211}-m^{(20)}_{000}m^{(21)}_{001}m^{(11)}_{011}m^{(21)}_{400}+m^{(20)}_{000}m^{(21)}_{001}m^{(11)}_{011}m^{(20)}_{310}
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\begin{aligned}
&+m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{301}^{(10)} - m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{211}^{(00)} + m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(21)}m_{400}^{(11)}\\
&-2m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(21)}m_{310}^{(10)} + m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(21)}m_{220}^{(00)} + m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(10)}m_{022}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(10)}m_{013}^{(21)} + m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(10)}m_{004}^{(11)} - m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(11)}m_{112}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(11)}m_{103}^{(21)} + m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(11)}m_{013}^{(20)} - m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(11)}m_{004}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(20)}m_{031}^{(22)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(20)}m_{022}^{(21)} + m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(20)}m_{013}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(21)}m_{121}^{(22)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(21)}m_{112}^{(21)} - m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(21)}m_{103}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(22)}m_{121}^{(21)} - m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(22)}m_{112}^{(11)} - m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(22)}m_{031}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(22)}m_{022}^{(10)} - m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(10)}m_{031}^{(22)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(10)}m_{022}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(10)}m_{013}^{(11)} + m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(11)}m_{121}^{(22)} - m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(11)}m_{112}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(11)}m_{022}^{(20)} + m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(11)}m_{013}^{(10)} - m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(20)}m_{040}^{(22)}\\
&+2m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(20)}m_{031}^{(21)} - m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(20)}m_{022}^{(11)} + m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(21)}m_{130}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(21)}m_{121}^{(21)} + m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(21)}m_{112}^{(11)} - m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(22)}m_{130}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(22)}m_{121}^{(11)} + m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(22)}m_{040}^{(20)} - m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(22)}m_{031}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(10)}m_{112}^{(22)} + m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(10)}m_{103}^{(21)} + m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(10)}m_{013}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(10)}m_{004}^{(10)} + m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(11)}m_{202}^{(22)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(11)}m_{103}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(11)}m_{004}^{(00)} - m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(20)}m_{121}^{(22)} + m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(20)}m_{112}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(20)}m_{022}^{(20)} - m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(20)}m_{013}^{(10)} + m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(21)}m_{211}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(21)}m_{202}^{(21)} - m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(21)}m_{112}^{(20)} + m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(21)}m_{103}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(22)}m_{211}^{(21)} + m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(22)}m_{121}^{(20)} + m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(22)}m_{112}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(22)}m_{022}^{(00)} + m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(10)}m_{121}^{(22)} - m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(10)}m_{103}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(10)}m_{022}^{(20)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(10)}m_{013}^{(10)} - m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(11)}m_{211}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(11)}m_{202}^{(21)} + 3m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(11)}m_{112}^{(20)} + m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(11)}m_{103}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(11)}m_{013}^{(00)} + m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(20)}m_{130}^{(22)} - m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(20)}m_{112}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(20)}m_{031}^{(20)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(20)}m_{022}^{(10)} - m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(21)}m_{220}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(21)}m_{202}^{(11)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(21)}m_{121}^{(20)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(21)}m_{112}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(22)}m_{220}^{(21)} + m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(22)}m_{211}^{(11)} - m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(22)}m_{130}^{(20)}\\
&-3m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(22)}m_{121}^{(10)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(22)}m_{031}^{(00)} - m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(10)}m_{121}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(10)}m_{112}^{(11)} + m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(10)}m_{031}^{(20)} - m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(10)}m_{022}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(11)}m_{211}^{(21)} - m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(11)}m_{121}^{(20)} - m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(11)}m_{112}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(11)}m_{022}^{(00)} - m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(20)}m_{130}^{(21)} + m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(20)}m_{121}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(20)}m_{040}^{(20)} - m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(20)}m_{031}^{(10)} + m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(21)}m_{220}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(21)}m_{211}^{(11)} - m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(21)}m_{130}^{(20)} + m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(21)}m_{121}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(22)}m_{220}^{(11)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(22)}m_{130}^{(10)} - m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(22)}m_{040}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(10)}m_{022}^{(22)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(10)}m_{013}^{(21)} - m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(10)}m_{004}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(11)}m_{112}^{(22)} - m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(11)}m_{103}^{(21)} - m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(11)}m_{013}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(11)}m_{004}^{(10)} - m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(20)}m_{031}^{(22)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(20)}m_{022}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(20)}m_{013}^{(11)} + m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(21)}m_{121}^{(22)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(21)}m_{112}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(21)}m_{103}^{(11)} - m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(22)}m_{121}^{(21)} + m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(22)}m_{112}^{(11)}
\end{aligned}
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\begin{aligned}
&+m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(22)}m_{031}^{(20)} - m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(22)}m_{022}^{(10)} + m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(10)}m_{112}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(10)}m_{103}^{(21)} - m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(10)}m_{013}^{(20)} + m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(10)}m_{004}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(11)}m_{202}^{(22)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(11)}m_{103}^{(20)} - m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(11)}m_{004}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(20)}m_{112}^{(21)} - m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(20)}m_{103}^{(11)} - m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(20)}m_{022}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(20)}m_{013}^{(10)} + m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(22)}m_{202}^{(11)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(22)}m_{112}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(22)}m_{022}^{(00)} + m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(10)}m_{121}^{(22)} - 3m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(10)}m_{112}^{(21)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(10)}m_{103}^{(11)} + m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(10)}m_{022}^{(20)} - m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(10)}m_{013}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(11)}m_{211}^{(22)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(11)}m_{202}^{(21)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(11)}m_{103}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(11)}m_{013}^{(00)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(20)}m_{130}^{(22)} - 5m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(20)}m_{121}^{(21)}\\
&+3m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(20)}m_{112}^{(11)} + m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(20)}m_{031}^{(20)} - m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(20)}m_{022}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(21)}m_{220}^{(22)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(21)}m_{211}^{(21)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(21)}m_{202}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(22)}m_{220}^{(21)} - 3m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(22)}m_{211}^{(11)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(22)}m_{130}^{(20)}\\
&+4m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(22)}m_{121}^{(10)} - m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(22)}m_{031}^{(00)} + m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(20)}m_{211}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(20)}m_{202}^{(21)} - m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(20)}m_{112}^{(20)} + m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(20)}m_{103}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(21)}m_{301}^{(22)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(21)}m_{202}^{(20)} - m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(21)}m_{103}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(22)}m_{301}^{(21)} - m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(22)}m_{211}^{(20)} - m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(22)}m_{202}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(22)}m_{112}^{(00)} - m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(10)}m_{211}^{(22)} + m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(10)}m_{202}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(10)}m_{112}^{(20)} - m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(10)}m_{103}^{(10)} + m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(11)}m_{301}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(11)}m_{202}^{(20)} + m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(11)}m_{103}^{(00)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(20)}m_{220}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(20)}m_{211}^{(21)} + m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(20)}m_{202}^{(11)} + 3m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(20)}m_{121}^{(20)}\\
&-3m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(20)}m_{112}^{(10)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(21)}m_{310}^{(22)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(21)}m_{211}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(21)}m_{112}^{(00)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(22)}m_{310}^{(21)} - m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(22)}m_{301}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(22)}m_{220}^{(20)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(22)}m_{211}^{(10)} - 3m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(22)}m_{121}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(10)}m_{211}^{(21)} - m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(10)}m_{202}^{(11)} - m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(10)}m_{121}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(10)}m_{112}^{(10)} - m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(11)}m_{301}^{(21)} + m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(11)}m_{211}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(11)}m_{202}^{(10)} - m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(11)}m_{112}^{(00)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(20)}m_{220}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(20)}m_{211}^{(11)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(20)}m_{130}^{(20)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(20)}m_{121}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(21)}m_{310}^{(21)} + m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(21)}m_{301}^{(11)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(21)}m_{220}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(21)}m_{121}^{(00)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(22)}m_{310}^{(11)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(22)}m_{220}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(22)}m_{130}^{(00)} + m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(20)}m_{121}^{(22)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(20)}m_{112}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(20)}m_{103}^{(11)} - m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(21)}m_{211}^{(22)} + m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(21)}m_{202}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(21)}m_{112}^{(20)} - m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(21)}m_{103}^{(10)} + m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(22)}m_{211}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(22)}m_{202}^{(11)} - m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(22)}m_{121}^{(20)} + m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(22)}m_{112}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(20)}m_{211}^{(22)} + m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(20)}m_{202}^{(21)} + m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(20)}m_{112}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(20)}m_{103}^{(10)} + m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(21)}m_{301}^{(22)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(21)}m_{202}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(21)}m_{103}^{(00)} - m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(22)}m_{301}^{(21)} + m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(22)}m_{211}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(22)}m_{202}^{(10)} - m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(22)}m_{112}^{(00)} - m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(20)}m_{220}^{(22)}\\
&+3m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(20)}m_{211}^{(21)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(20)}m_{202}^{(11)} - m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(20)}m_{121}^{(20)}
\end{aligned}
$$

$$+m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(20)}m_{112}^{(10)}+m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(21)}m_{310}^{(22)}-2m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(21)}m_{301}^{(21)}$$
$$+2m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(21)}m_{202}^{(10)}-m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(21)}m_{112}^{(00)}-m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(22)}m_{310}^{(21)}$$
$$+2m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(22)}m_{301}^{(11)}+m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(22)}m_{220}^{(20)}-3m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(22)}m_{211}^{(10)}$$
$$+m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(22)}m_{121}^{(00)}+m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(20)}m_{310}^{(22)}-m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(20)}m_{301}^{(21)}$$
$$-m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(20)}m_{211}^{(20)}+m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(20)}m_{202}^{(10)}-m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(21)}m_{400}^{(22)}$$
$$+2m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(21)}m_{301}^{(20)}-m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(21)}m_{202}^{(00)}+m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(22)}m_{400}^{(21)}$$
$$-m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(22)}m_{310}^{(20)}-m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(22)}m_{301}^{(10)}+m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(22)}m_{211}^{(00)}$$
$$-m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(20)}m_{310}^{(21)}+m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(20)}m_{301}^{(11)}+m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(20)}m_{220}^{(20)}$$
$$-m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(20)}m_{211}^{(10)}+m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(21)}m_{400}^{(21)}-m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(21)}m_{310}^{(20)}$$
$$-m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(21)}m_{301}^{(10)}+m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(21)}m_{211}^{(00)}-m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(22)}m_{400}^{(11)}$$
$$+2m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(22)}m_{310}^{(10)}-m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(22)}m_{220}^{(00)}+m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(10)}m_{031}^{(22)}$$
$$-2m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(10)}m_{022}^{(21)}+m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(10)}m_{013}^{(11)}-m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(11)}m_{121}^{(22)}$$
$$+m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(11)}m_{112}^{(21)}+m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(11)}m_{022}^{(20)}-m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(11)}m_{013}^{(10)}$$
$$+m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(20)}m_{040}^{(22)}-2m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(20)}m_{031}^{(21)}+m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(20)}m_{022}^{(11)}$$
$$-m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(21)}m_{130}^{(22)}+2m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(21)}m_{121}^{(21)}-m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(21)}m_{112}^{(11)}$$
$$+m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(22)}m_{130}^{(21)}-m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(22)}m_{121}^{(11)}-m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(22)}m_{040}^{(20)}$$
$$+m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(22)}m_{031}^{(10)}-3m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(10)}m_{121}^{(22)}+5m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(10)}m_{112}^{(21)}$$
$$-2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(10)}m_{103}^{(11)}+m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(10)}m_{022}^{(20)}-m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(10)}m_{013}^{(10)}$$
$$+3m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(11)}m_{211}^{(22)}-2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(11)}m_{202}^{(21)}-4m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(11)}m_{112}^{(20)}$$
$$+2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(11)}m_{103}^{(10)}+m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(11)}m_{013}^{(00)}-2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(20)}m_{130}^{(22)}$$
$$+3m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(20)}m_{121}^{(21)}-m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(20)}m_{112}^{(11)}+m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(20)}m_{031}^{(20)}$$
$$-m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(20)}m_{022}^{(10)}+2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(21)}m_{220}^{(22)}-4m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(21)}m_{211}^{(21)}$$
$$+2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(21)}m_{202}^{(11)}-2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(22)}m_{220}^{(21)}+m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(22)}m_{211}^{(11)}$$
$$+2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(22)}m_{130}^{(20)}-m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(22)}m_{031}^{(00)}+m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(10)}m_{130}^{(22)}$$
$$-m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(10)}m_{121}^{(21)}-m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(10)}m_{031}^{(20)}+m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(10)}m_{022}^{(10)}$$
$$-m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(11)}m_{220}^{(22)}+2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(11)}m_{121}^{(20)}-m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(11)}m_{022}^{(00)}$$
$$+m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(20)}m_{130}^{(21)}-m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(20)}m_{121}^{(11)}-m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(20)}m_{040}^{(20)}$$
$$+m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(20)}m_{031}^{(10)}+m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(22)}m_{220}^{(11)}-2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(22)}m_{130}^{(10)}$$
$$+m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(22)}m_{040}^{(00)}+2m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(10)}m_{211}^{(22)}-2m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(10)}m_{202}^{(21)}$$
$$-2m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(10)}m_{112}^{(20)}+2m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(10)}m_{103}^{(10)}-2m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(11)}m_{301}^{(22)}$$
$$+4m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(11)}m_{202}^{(20)}-2m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(11)}m_{103}^{(00)}+m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(20)}m_{220}^{(22)}$$
$$-m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(20)}m_{211}^{(21)}-m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(20)}m_{121}^{(20)}+m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(20)}m_{112}^{(10)}$$
$$-m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(21)}m_{310}^{(22)}+2m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(21)}m_{301}^{(21)}-2m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(21)}m_{202}^{(10)}$$
$$+m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(21)}m_{112}^{(00)}+m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(22)}m_{310}^{(21)}-m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(22)}m_{220}^{(20)}$$
$$-m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(22)}m_{211}^{(10)}+m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(22)}m_{121}^{(00)}-m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(10)}m_{220}^{(22)}$$
$$-m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(10)}m_{211}^{(21)}+2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(10)}m_{202}^{(11)}+3m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(10)}m_{121}^{(20)}$$
$$-3m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(10)}m_{112}^{(10)}+m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(11)}m_{310}^{(22)}+2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(11)}m_{301}^{(21)}$$
$$-4m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(11)}m_{211}^{(20)}-2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(11)}m_{202}^{(10)}+3m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(11)}m_{112}^{(00)}$$

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\begin{aligned}
&-m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(20)}m_{220}^{(21)} + m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(20)}m_{211}^{(11)} + m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(20)}m_{130}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(20)}m_{121}^{(10)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(21)}m_{301}^{(11)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(21)}m_{211}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(21)}m_{121}^{(00)} - m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(22)}m_{310}^{(11)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(22)}m_{220}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(22)}m_{130}^{(00)} + m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(10)}m_{220}^{(21)} - m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(10)}m_{211}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(10)}m_{130}^{(20)} + m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(10)}m_{121}^{(10)} - m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(11)}m_{310}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(11)}m_{220}^{(20)} + m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(11)}m_{211}^{(10)} - m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(11)}m_{121}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(21)}m_{310}^{(11)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(21)}m_{220}^{(10)} + m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(21)}m_{130}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(10)}m_{121}^{(22)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(10)}m_{112}^{(21)} + m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(10)}m_{103}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(11)}m_{211}^{(22)} + m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(11)}m_{202}^{(21)} + m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(11)}m_{112}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(11)}m_{103}^{(10)} - m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(20)}m_{130}^{(22)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(20)}m_{121}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(20)}m_{112}^{(11)} + m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(21)}m_{220}^{(22)} - m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(21)}m_{202}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(21)}m_{121}^{(20)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(21)}m_{112}^{(10)} - m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(22)}m_{220}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(22)}m_{211}^{(11)} + m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(22)}m_{130}^{(20)} - m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(22)}m_{121}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(10)}m_{211}^{(22)} + m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(10)}m_{202}^{(21)} + m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(10)}m_{112}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(10)}m_{103}^{(10)} + m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(11)}m_{301}^{(22)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(11)}m_{202}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(11)}m_{103}^{(00)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(20)}m_{220}^{(22)} - 3m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(20)}m_{211}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(20)}m_{202}^{(11)} - m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(20)}m_{121}^{(20)} + m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(20)}m_{112}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(21)}m_{310}^{(22)} + 4m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(21)}m_{211}^{(20)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(21)}m_{112}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(22)}m_{310}^{(21)} - m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(22)}m_{301}^{(11)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(22)}m_{220}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(22)}m_{121}^{(00)} - m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(10)}m_{220}^{(22)} + 3m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(10)}m_{211}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(10)}m_{202}^{(11)} - m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(10)}m_{121}^{(20)} + m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(10)}m_{112}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(11)}m_{310}^{(22)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(11)}m_{301}^{(21)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(11)}m_{202}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(11)}m_{112}^{(00)} - m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(20)}m_{220}^{(21)} + m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(20)}m_{211}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(20)}m_{130}^{(20)} - m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(20)}m_{121}^{(10)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(21)}m_{301}^{(11)}\\
&-4m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(21)}m_{211}^{(10)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(21)}m_{121}^{(00)} - m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(22)}m_{310}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(22)}m_{220}^{(10)} - m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(22)}m_{130}^{(00)} - m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(20)}m_{310}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(20)}m_{301}^{(21)} + m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(20)}m_{211}^{(20)} - m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(20)}m_{202}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(21)}m_{400}^{(22)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(21)}m_{301}^{(20)} + m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(21)}m_{202}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(22)}m_{400}^{(21)} + m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(22)}m_{310}^{(20)} + m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(22)}m_{301}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(22)}m_{211}^{(00)} + m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(10)}m_{310}^{(22)} - m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(10)}m_{301}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(10)}m_{211}^{(20)} + m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(10)}m_{202}^{(10)} - m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(11)}m_{400}^{(22)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(11)}m_{301}^{(20)} - m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(11)}m_{202}^{(00)} + m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(20)}m_{310}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(20)}m_{301}^{(11)} - m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(20)}m_{220}^{(20)} + m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(20)}m_{211}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(22)}m_{400}^{(11)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(22)}m_{310}^{(10)} + m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(22)}m_{220}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(10)}m_{310}^{(21)} + m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(10)}m_{301}^{(11)} + m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(10)}m_{220}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(10)}m_{211}^{(10)} + m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(11)}m_{400}^{(21)} - m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(11)}m_{310}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(11)}m_{301}^{(10)} + m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(11)}m_{211}^{(00)} - m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(21)}m_{400}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(21)}m_{310}^{(10)} - m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(21)}m_{220}^{(00)} - m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(10)}m_{130}^{(22)}
\end{aligned}
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\begin{aligned}
&+2m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(10)}m_{121}^{(21)} - m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(10)}m_{112}^{(11)} + m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(11)}m_{220}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(11)}m_{211}^{(21)} - m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(11)}m_{121}^{(20)} + m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(11)}m_{112}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(21)}m_{220}^{(21)} + m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(21)}m_{211}^{(11)} + m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(21)}m_{130}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(21)}m_{121}^{(10)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{220}^{(22)} - 3m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{211}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{202}^{(11)} - m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{121}^{(20)} + m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{112}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(11)}m_{310}^{(22)} + m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(11)}m_{301}^{(21)} + 3m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(11)}m_{211}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(11)}m_{202}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(11)}m_{112}^{(00)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(21)}m_{310}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(21)}m_{301}^{(11)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(21)}m_{220}^{(20)} + m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(21)}m_{121}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(10)}m_{220}^{(21)} + m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(10)}m_{211}^{(11)} + m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(10)}m_{130}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(10)}m_{121}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(11)}m_{310}^{(21)} - m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(11)}m_{220}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(11)}m_{211}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(11)}m_{121}^{(00)} - m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(21)}m_{310}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(21)}m_{220}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(21)}m_{130}^{(00)} - m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(10)}m_{310}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(10)}m_{301}^{(21)} + m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(10)}m_{211}^{(20)} - m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(10)}m_{202}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(11)}m_{400}^{(22)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(11)}m_{301}^{(20)} + m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(11)}m_{202}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(21)}m_{400}^{(21)} + m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(21)}m_{310}^{(20)} + m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(21)}m_{301}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(21)}m_{211}^{(00)} + m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(10)}m_{310}^{(21)} - m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(10)}m_{301}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(10)}m_{220}^{(20)} + m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(10)}m_{211}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(11)}m_{400}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(11)}m_{310}^{(20)} + m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(11)}m_{301}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(11)}m_{211}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(21)}m_{400}^{(11)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(21)}m_{310}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(21)}m_{220}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(00)}m_{022}^{(22)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(00)}m_{013}^{(21)} - m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(00)}m_{004}^{(11)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(10)}m_{112}^{(22)} - m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(10)}m_{103}^{(21)} - m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(10)}m_{013}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(10)}m_{004}^{(10)} - m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(20)}m_{112}^{(21)} + m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(20)}m_{103}^{(11)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(20)}m_{022}^{(20)} - m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(20)}m_{013}^{(10)} + m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(00)}m_{031}^{(22)}\\
&-2m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(00)}m_{022}^{(21)} + m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(00)}m_{013}^{(11)} - m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(10)}m_{121}^{(22)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(10)}m_{112}^{(21)} + m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(10)}m_{022}^{(20)} - m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(10)}m_{013}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(20)}m_{121}^{(21)} - m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(20)}m_{112}^{(11)} - m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(20)}m_{031}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(20)}m_{022}^{(10)} + m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(00)}m_{112}^{(22)} - m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(00)}m_{103}^{(21)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(00)}m_{013}^{(20)} + m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(00)}m_{004}^{(10)} - m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(10)}m_{022}^{(22)}\\
&+2m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(10)}m_{103}^{(20)} - m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(10)}m_{004}^{(00)} + m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(20)}m_{202}^{(21)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(20)}m_{112}^{(20)} - m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(20)}m_{103}^{(10)} + m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(20)}m_{013}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(00)}m_{121}^{(22)} + m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(00)}m_{103}^{(11)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(00)}m_{022}^{(20)}\\
&-2m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(00)}m_{013}^{(10)} + m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(10)}m_{211}^{(22)} + m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(10)}m_{202}^{(21)}\\
&-3m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(10)}m_{112}^{(20)} - m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(10)}m_{103}^{(10)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(10)}m_{013}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(20)}m_{211}^{(21)} - m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(20)}m_{202}^{(11)} + m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(20)}m_{121}^{(20)}\\
&+3m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(20)}m_{112}^{(10)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(20)}m_{022}^{(00)} + m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(00)}m_{121}^{(21)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(00)}m_{112}^{(11)} - m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(00)}m_{031}^{(20)} + m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(00)}m_{022}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(10)}m_{211}^{(21)} + m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(10)}m_{121}^{(20)} + m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(10)}m_{112}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(10)}m_{022}^{(00)} + m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(20)}m_{211}^{(11)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(20)}m_{121}^{(10)}
\end{aligned}
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$$+m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(20)}m_{031}^{(00)}+m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(00)}m_{022}^{(22)}-2m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(00)}m_{013}^{(21)}$$
$$+m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(00)}m_{004}^{(11)}-m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(10)}m_{112}^{(22)}+m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(10)}m_{103}^{(21)}$$
$$+m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(10)}m_{013}^{(20)}-m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(10)}m_{004}^{(10)}+m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(20)}m_{112}^{(21)}$$
$$-m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(20)}m_{103}^{(11)}-m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(20)}m_{022}^{(20)}+m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(20)}m_{013}^{(10)}$$
$$-m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(00)}m_{112}^{(22)}+m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(00)}m_{103}^{(21)}+m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(00)}m_{013}^{(20)}$$
$$-m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(00)}m_{004}^{(10)}+m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(10)}m_{202}^{(22)}-2m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(10)}m_{103}^{(20)}$$
$$+m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(10)}m_{004}^{(00)}-m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{202}^{(21)}+m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{112}^{(20)}$$
$$+m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{103}^{(10)}-m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{013}^{(00)}-m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(00)}m_{121}^{(22)}$$
$$+3m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(00)}m_{112}^{(21)}-2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(00)}m_{103}^{(11)}-m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(00)}m_{022}^{(20)}$$
$$+m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(00)}m_{013}^{(10)}+m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(10)}m_{211}^{(22)}-2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(10)}m_{202}^{(21)}$$
$$+2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(10)}m_{103}^{(10)}-m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(10)}m_{013}^{(00)}-m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{211}^{(21)}$$
$$+2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{202}^{(11)}+m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{121}^{(20)}-3m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{112}^{(10)}$$
$$+m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{022}^{(00)}+m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(00)}m_{211}^{(22)}-m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(00)}m_{202}^{(21)}$$
$$-m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(00)}m_{112}^{(20)}+m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(00)}m_{103}^{(10)}-m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(10)}m_{301}^{(22)}$$
$$+2m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(10)}m_{202}^{(20)}-m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(10)}m_{103}^{(00)}+m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{301}^{(21)}$$
$$-m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{211}^{(20)}-m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{202}^{(10)}+m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{112}^{(00)}$$
$$-m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(00)}m_{211}^{(21)}+m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(00)}m_{202}^{(11)}+m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(00)}m_{121}^{(20)}$$
$$-m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(00)}m_{112}^{(10)}+m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{301}^{(21)}-m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{211}^{(20)}$$
$$-m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{202}^{(10)}+m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(10)}m_{112}^{(00)}-m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(20)}m_{301}^{(11)}$$
$$+2m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(20)}m_{211}^{(10)}-m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(20)}m_{121}^{(00)}-m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(00)}m_{031}^{(22)}$$
$$+2m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(00)}m_{022}^{(21)}-m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(00)}m_{013}^{(11)}+m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(10)}m_{121}^{(22)}$$
$$-m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(10)}m_{112}^{(21)}-m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(10)}m_{022}^{(20)}+m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(10)}m_{013}^{(10)}$$
$$-m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(20)}m_{121}^{(21)}+m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(20)}m_{112}^{(11)}+m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(20)}m_{031}^{(20)}$$
$$-m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(20)}m_{022}^{(10)}+3m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(00)}m_{121}^{(22)}-5m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(00)}m_{112}^{(21)}$$
$$+2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(00)}m_{103}^{(11)}-m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(00)}m_{022}^{(20)}+m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(00)}m_{013}^{(10)}$$
$$-3m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(10)}m_{211}^{(22)}+2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(10)}m_{202}^{(21)}+4m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(10)}m_{112}^{(20)}$$
$$-2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(10)}m_{103}^{(10)}-m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(10)}m_{013}^{(00)}+3m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{211}^{(21)}$$
$$-2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{202}^{(11)}-3m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{121}^{(20)}+m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{112}^{(10)}$$
$$+m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{022}^{(00)}-m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(00)}m_{130}^{(22)}+m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(00)}m_{121}^{(21)}$$
$$+m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(00)}m_{031}^{(20)}-m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(00)}m_{022}^{(10)}+m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{220}^{(22)}$$
$$-2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{121}^{(20)}+m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{022}^{(00)}-m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{220}^{(21)}$$
$$+m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{130}^{(20)}+m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{121}^{(10)}-m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{031}^{(00)}$$
$$-2m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(00)}m_{211}^{(22)}+2m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(00)}m_{202}^{(21)}+2m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(00)}m_{112}^{(20)}$$
$$-2m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(00)}m_{103}^{(10)}+2m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(10)}m_{301}^{(22)}-4m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(10)}m_{202}^{(20)}$$
$$+2m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(10)}m_{103}^{(00)}-2m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(20)}m_{301}^{(21)}+2m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(20)}m_{211}^{(20)}$$
$$+2m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(20)}m_{202}^{(10)}-2m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(20)}m_{112}^{(00)}+m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(00)}m_{011}^{(22)}m_{220}$$
$$+m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{211}^{(21)}-2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{202}^{(11)}-3m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{121}^{(20)}$$
$$+3m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{112}^{(10)}-m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{310}^{(22)}-2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{301}^{(21)}$$

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\begin{aligned}
&+4m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{211}^{(20)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{202}^{(10)} - 3m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{112}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{310}^{(21)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{301}^{(11)} - m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{220}^{(20)}\\
&-5m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{211}^{(10)} + 3m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{121}^{(00)} - m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{002}^{(21)}m_{220}^{(21)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(00)}m_{211}^{(11)} + m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(00)}m_{130}^{(20)} - m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(00)}m_{121}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(10)}m_{310}^{(21)} - m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(10)}m_{220}^{(20)} - m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(10)}m_{211}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(10)}m_{121}^{(00)} - m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(20)}m_{310}^{(11)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(20)}m_{220}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(20)}m_{130}^{(00)} - m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(00)}m_{121}^{(22)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(00)}m_{112}^{(21)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(00)}m_{103}^{(11)} + m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(10)}m_{211}^{(22)} - m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(10)}m_{202}^{(21)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(10)}m_{112}^{(20)} + m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(10)}m_{103}^{(10)} - m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{211}^{(21)}\\
&+m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{202}^{(11)} + m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{121}^{(20)} - m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{112}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(00)}m_{211}^{(22)} - m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(00)}m_{202}^{(21)} - m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(00)}m_{112}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(00)}m_{103}^{(10)} - m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(10)}m_{301}^{(22)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(10)}m_{202}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(10)}m_{103}^{(00)} + m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(20)}m_{301}^{(21)} - m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(20)}m_{211}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(20)}m_{202}^{(10)} + m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(20)}m_{112}^{(00)} + m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{220}^{(22)}\\
&-3m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{211}^{(21)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{202}^{(11)} + m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{121}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{112}^{(10)} - m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{310}^{(22)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{301}^{(21)}\\
&-2m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{202}^{(10)} + m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{112}^{(00)} + m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{310}^{(21)}\\
&-2m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{301}^{(11)} - m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{220}^{(20)} + 3m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{211}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{121}^{(00)} - m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(00)}m_{310}^{(22)} + m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(00)}m_{301}^{(21)}\\
&+m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(00)}m_{211}^{(20)} - m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(00)}m_{202}^{(10)} + m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(10)}m_{400}^{(22)}\\
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&+m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(20)}m_{310}^{(20)} + m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(20)}m_{301}^{(10)} - m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(20)}m_{211}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(21)}m_{002}^{(00)}m_{310}^{(21)} - m_{000}^{(21)}m_{010}^{(21)}m_{002}^{(00)}m_{301}^{(11)} - m_{000}^{(21)}m_{010}^{(21)}m_{002}^{(00)}m_{220}^{(20)}\\
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&+2m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{310}^{(22)} - m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{301}^{(21)} - 3m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{211}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{202}^{(10)} + m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{112}^{(00)} - 2m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{310}^{(21)}\\
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&+m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(00)}m_{121}^{(10)} - m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{310}^{(21)} + m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{220}^{(20)}\\
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&-2m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(20)}m_{220}^{(10)} + m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(20)}m_{130}^{(00)} + m_{000}^{(21)}m_{010}^{(22)}m_{010}^{(00)}m_{310}^{(22)}
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&-m_{000}^{(21)}m_{010}^{(22)}m_{020}^{(00)}m_{301}^{(21)} - m_{000}^{(21)}m_{010}^{(22)}m_{020}^{(00)}m_{211}^{(20)} + m_{000}^{(21)}m_{010}^{(22)}m_{020}^{(00)}m_{202}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(22)}m_{020}^{(10)}m_{400}^{(22)} + 2m_{000}^{(21)}m_{010}^{(22)}m_{020}^{(10)}m_{301}^{(20)} - m_{000}^{(21)}m_{010}^{(22)}m_{020}^{(10)}m_{202}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(22)}m_{020}^{(20)}m_{400}^{(21)} - m_{000}^{(21)}m_{010}^{(22)}m_{020}^{(20)}m_{310}^{(20)} - m_{000}^{(21)}m_{010}^{(22)}m_{020}^{(20)}m_{301}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(22)}m_{020}^{(20)}m_{211}^{(00)} - m_{000}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{310}^{(21)} + m_{000}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{301}^{(11)}\\
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&-m_{000}^{(21)}m_{010}^{(22)}m_{011}^{(20)}m_{400}^{(11)} + 2m_{000}^{(21)}m_{010}^{(22)}m_{011}^{(20)}m_{310}^{(10)} - m_{000}^{(21)}m_{010}^{(22)}m_{011}^{(20)}m_{220}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(00)}m_{031}^{(22)} + 2m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(00)}m_{022}^{(21)} - m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(00)}m_{013}^{(11)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(10)}m_{121}^{(22)} - m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(10)}m_{112}^{(21)} - m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(10)}m_{022}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(10)}m_{013}^{(10)} - m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{121}^{(21)} + m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{112}^{(11)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{031}^{(20)} - m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{022}^{(10)} + m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(00)}m_{040}^{(22)}\\
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&+m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(10)}m_{121}^{(21)} + m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(10)}m_{031}^{(20)} - m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(10)}m_{022}^{(10)}\\
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&-m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(00)}m_{022}^{(20)} + m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(00)}m_{013}^{(10)} - m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(10)}m_{211}^{(22)}\\
&+2m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(10)}m_{112}^{(20)} - m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(10)}m_{013}^{(00)} + m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(20)}m_{211}^{(21)}\\
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&-3m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{121}^{(20)} - m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{112}^{(10)} + 2m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{022}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{220}^{(21)} - m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{211}^{(11)} + m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{130}^{(20)}\\
&+3m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{121}^{(10)} - 2m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{031}^{(00)} + m_{000}^{(21)}m_{001}^{(00)}m_{002}^{(00)}m_{130}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(00)}m_{002}^{(00)}m_{121}^{(11)} - m_{000}^{(21)}m_{001}^{(00)}m_{002}^{(00)}m_{040}^{(20)} + m_{000}^{(21)}m_{001}^{(00)}m_{002}^{(00)}m_{031}^{(10)}\\
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&-m_{000}^{(21)}m_{001}^{(00)}m_{002}^{(10)}m_{031}^{(00)} + m_{000}^{(21)}m_{001}^{(00)}m_{002}^{(20)}m_{220}^{(11)} - 2m_{000}^{(21)}m_{001}^{(00)}m_{002}^{(20)}m_{130}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{002}^{(20)}m_{040}^{(00)} + m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(00)}m_{031}^{(22)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(00)}m_{022}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(00)}m_{013}^{(11)} - m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(10)}m_{121}^{(22)} + m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(10)}m_{112}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(10)}m_{022}^{(20)} - m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(10)}m_{013}^{(10)} + m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{121}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{112}^{(11)} - m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{031}^{(20)} + m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{022}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(00)}m_{112}^{(21)} + m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(00)}m_{103}^{(11)} + m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(00)}m_{022}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(00)}m_{013}^{(10)} + m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{202}^{(21)} - m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{112}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{103}^{(10)} + m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{013}^{(00)} - m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{202}^{(11)}\\
&+2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{112}^{(10)} - m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{022}^{(00)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{130}^{(22)}\\
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&+m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{022}^{(10)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{220}^{(22)} - 3m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{211}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{121}^{(20)} + 3m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{112}^{(10)} - m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{022}^{(00)}\\
&-2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{220}^{(21)} + 3m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{211}^{(11)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{130}^{(20)}
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&-4m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{121}^{(10)} + m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(20)}m_{031}^{(00)} - m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(00)}m_{211}^{(22)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(00)}m_{202}^{(21)} + m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(00)}m_{112}^{(20)} - m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(00)}m_{103}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(10)}m_{301}^{(22)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(10)}m_{202}^{(20)} + m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(10)}m_{103}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(20)}m_{301}^{(21)} + m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(20)}m_{211}^{(20)} + m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(20)}m_{202}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(20)}m_{112}^{(00)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{220}^{(22)} - m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{211}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{202}^{(11)} - 3m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{121}^{(20)} + 3m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{112}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{310}^{(22)} - m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{301}^{(21)} + 5m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{211}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{202}^{(10)} - 3m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{112}^{(00)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{310}^{(21)}\\
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&+3m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{121}^{(00)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(00)}m_{220}^{(21)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(00)}m_{211}^{(11)}\\
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&+2m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{202}^{(11)} + m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{121}^{(20)} - m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{112}^{(10)}\\
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&-m_{000}^{(21)}m_{001}^{(11)}m_{002}^{(10)}m_{211}^{(00)} + m_{000}^{(21)}m_{001}^{(11)}m_{002}^{(20)}m_{400}^{(11)} - 2m_{000}^{(21)}m_{001}^{(11)}m_{002}^{(20)}m_{310}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{002}^{(20)}m_{220}^{(00)} - m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(00)}m_{040}^{(22)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(00)}m_{031}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(00)}m_{022}^{(11)} + m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{130}^{(22)} - m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{121}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{031}^{(20)} + m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{022}^{(10)} - m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{130}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{121}^{(11)} + m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{040}^{(20)} - m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{031}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{130}^{(22)} - 3m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{121}^{(21)} + m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{112}^{(11)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{031}^{(20)} + m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(00)}m_{022}^{(10)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{220}^{(22)}
\end{aligned}
$$

$$+m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{211}^{(21)}+3m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{121}^{(20)}-m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{112}^{(10)}$$
$$-m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{022}^{(00)}+2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{220}^{(21)}-m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{211}^{(11)}$$
$$-2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{130}^{(20)}+m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(20)}m_{031}^{(00)}-m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(00)}m_{130}^{(21)}$$
$$+m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(00)}m_{121}^{(11)}+m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(00)}m_{040}^{(20)}-m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(00)}m_{031}^{(10)}$$
$$+m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{220}^{(21)}-m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{130}^{(20)}-m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{121}^{(10)}$$
$$+m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{031}^{(00)}-m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(20)}m_{220}^{(11)}+2m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(20)}m_{130}^{(10)}$$
$$-m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(20)}m_{040}^{(00)}-m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{220}^{(22)}+m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{211}^{(21)}$$
$$+m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{121}^{(20)}-m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(00)}m_{112}^{(10)}+m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{310}^{(22)}$$
$$-2m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{211}^{(20)}+m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{112}^{(00)}-m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{310}^{(21)}$$
$$+m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{220}^{(20)}+m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{211}^{(10)}-m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(20)}m_{121}^{(00)}$$
$$+m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{220}^{(21)}-m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{211}^{(11)}-m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{130}^{(20)}$$
$$+m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(00)}m_{121}^{(10)}-m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{310}^{(21)}+m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{220}^{(20)}$$
$$+m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{211}^{(10)}-m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{121}^{(00)}+m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(20)}m_{310}^{(11)}$$
$$-2m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(20)}m_{220}^{(10)}+m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(20)}m_{130}^{(00)}+m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{130}^{(22)}$$
$$-2m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{121}^{(21)}+m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{112}^{(11)}-m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{220}^{(22)}$$
$$+m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{211}^{(21)}+m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{121}^{(20)}-m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{112}^{(10)}$$
$$+m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{220}^{(21)}-m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{211}^{(11)}-m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{130}^{(20)}$$
$$+m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{121}^{(10)}-2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{220}^{(22)}+3m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{211}^{(21)}$$
$$-m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{202}^{(11)}+m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{121}^{(20)}-m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{112}^{(10)}$$
$$+2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{310}^{(22)}-m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{301}^{(21)}-3m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{211}^{(20)}$$
$$+m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{202}^{(10)}+m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{112}^{(00)}-2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{310}^{(21)}$$
$$+m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{301}^{(11)}+2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{220}^{(20)}-m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{121}^{(00)}$$
$$+m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{220}^{(21)}-m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{211}^{(11)}-m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{130}^{(20)}$$
$$+m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{121}^{(10)}-m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{310}^{(21)}+m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{220}^{(20)}$$
$$+m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{211}^{(10)}-m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{121}^{(00)}+m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(20)}m_{310}^{(11)}$$
$$-2m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(20)}m_{220}^{(10)}+m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(20)}m_{130}^{(00)}+m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(00)}m_{310}^{(22)}$$
$$-m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(00)}m_{301}^{(21)}-m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(00)}m_{211}^{(20)}+m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(00)}m_{202}^{(10)}$$
$$-m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(10)}m_{400}^{(22)}+2m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(10)}m_{301}^{(20)}-m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(10)}m_{202}^{(00)}$$
$$+m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{400}^{(21)}-m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{310}^{(20)}-m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{301}^{(10)}$$
$$+m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{211}^{(00)}-m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{310}^{(21)}+m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{301}^{(11)}$$
$$+m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{220}^{(20)}-m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{211}^{(10)}+m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{400}^{(21)}$$
$$-m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{310}^{(20)}-m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{301}^{(10)}+m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{211}^{(00)}$$
$$-m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(20)}m_{400}^{(11)}+2m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(20)}m_{310}^{(10)}-m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(20)}m_{220}^{(00)}$$
$$-m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(10)}m_{031}^{(22)}+2m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(10)}m_{022}^{(21)}-m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(10)}m_{013}^{(11)}$$
$$+m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(11)}m_{121}^{(22)}-m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(11)}m_{112}^{(21)}-m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(11)}m_{022}^{(20)}$$
$$+m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(11)}m_{013}^{(10)}-m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(21)}m_{121}^{(21)}+m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(21)}m_{112}^{(11)}$$
$$+m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(21)}m_{031}^{(20)}-m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(21)}m_{022}^{(10)}+m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(10)}m_{040}^{(22)}$$
$$-2m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(10)}m_{031}^{(21)}+m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(10)}m_{022}^{(11)}-m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(11)}m_{130}^{(22)}$$

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\begin{aligned}
&+m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(11)}m_{121}^{(21)}+m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(11)}m_{031}^{(20)}-m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(11)}m_{022}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(21)}m_{130}^{(21)}-m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(21)}m_{121}^{(11)}-m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(21)}m_{040}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(21)}m_{031}^{(10)}+m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(10)}m_{121}^{(22)}-m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(10)}m_{112}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(10)}m_{022}^{(20)}+m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(10)}m_{013}^{(10)}-m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(11)}m_{211}^{(22)}\\
&+2m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(11)}m_{112}^{(20)}-m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(11)}m_{013}^{(00)}+m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(21)}m_{211}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(21)}m_{121}^{(20)}-m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(21)}m_{112}^{(10)}+m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(21)}m_{022}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(10)}m_{130}^{(22)}+m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(10)}m_{112}^{(11)}+2m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(10)}m_{031}^{(20)}\\
&-2m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(10)}m_{022}^{(10)}+m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(11)}m_{220}^{(22)}+m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(11)}m_{211}^{(21)}\\
&-3m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(11)}m_{121}^{(20)}-m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(11)}m_{112}^{(10)}+2m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(11)}m_{022}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(21)}m_{220}^{(21)}-m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(21)}m_{211}^{(11)}+m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(21)}m_{130}^{(20)}\\
&+3m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(21)}m_{121}^{(10)}-2m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(21)}m_{031}^{(00)}+m_{000}^{(22)}m_{100}^{(00)}m_{002}^{(10)}m_{130}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{002}^{(10)}m_{121}^{(11)}-m_{000}^{(22)}m_{100}^{(00)}m_{002}^{(10)}m_{040}^{(20)}+m_{000}^{(22)}m_{100}^{(00)}m_{002}^{(10)}m_{031}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{002}^{(11)}m_{220}^{(21)}+m_{000}^{(22)}m_{100}^{(00)}m_{002}^{(11)}m_{130}^{(20)}+m_{000}^{(22)}m_{100}^{(00)}m_{002}^{(11)}m_{121}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{002}^{(11)}m_{031}^{(00)}+m_{000}^{(22)}m_{100}^{(00)}m_{002}^{(21)}m_{220}^{(11)}-2m_{000}^{(22)}m_{100}^{(00)}m_{002}^{(21)}m_{130}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{002}^{(21)}m_{040}^{(00)}+m_{000}^{(22)}m_{100}^{(10)}m_{200}^{(10)}m_{031}^{(22)}-2m_{000}^{(22)}m_{100}^{(10)}m_{200}^{(10)}m_{022}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{200}^{(10)}m_{013}^{(11)}-m_{000}^{(22)}m_{100}^{(10)}m_{200}^{(11)}m_{121}^{(22)}+m_{000}^{(22)}m_{100}^{(10)}m_{200}^{(11)}m_{112}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{200}^{(11)}m_{022}^{(20)}-m_{000}^{(22)}m_{100}^{(10)}m_{200}^{(11)}m_{013}^{(10)}+m_{000}^{(22)}m_{100}^{(10)}m_{200}^{(21)}m_{121}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{200}^{(21)}m_{112}^{(11)}-m_{000}^{(22)}m_{100}^{(10)}m_{200}^{(21)}m_{031}^{(20)}+m_{000}^{(22)}m_{100}^{(10)}m_{200}^{(21)}m_{022}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(10)}m_{112}^{(21)}+m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(10)}m_{103}^{(11)}+m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(10)}m_{022}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(10)}m_{013}^{(10)}+m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(11)}m_{202}^{(21)}-m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(11)}m_{112}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(11)}m_{103}^{(10)}+m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(11)}m_{013}^{(00)}-m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(21)}m_{202}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(21)}m_{112}^{(10)}-m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(21)}m_{022}^{(00)}-2m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(10)}m_{130}^{(22)}\\
&+5m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(10)}m_{121}^{(21)}-3m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(10)}m_{112}^{(11)}-m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(10)}m_{031}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(10)}m_{022}^{(10)}+2m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(11)}m_{220}^{(22)}-3m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(11)}m_{211}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(11)}m_{121}^{(20)}+3m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(11)}m_{112}^{(10)}-m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(11)}m_{022}^{(00)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(21)}m_{220}^{(21)}+3m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(21)}m_{211}^{(11)}+2m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(21)}m_{130}^{(20)}\\
&-4m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(21)}m_{121}^{(10)}+m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(21)}m_{031}^{(00)}-m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(10)}m_{211}^{(22)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(10)}m_{202}^{(21)}+m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(10)}m_{112}^{(20)}-m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(10)}m_{103}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(11)}m_{301}^{(22)}-2m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(11)}m_{202}^{(20)}+m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(11)}m_{103}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(21)}m_{301}^{(21)}+m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(21)}m_{211}^{(20)}+m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(21)}m_{202}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(21)}m_{112}^{(00)}+2m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(10)}m_{220}^{(22)}-m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(10)}m_{211}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(10)}m_{202}^{(11)}-3m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(10)}m_{121}^{(20)}+3m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(10)}m_{112}^{(10)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(11)}m_{310}^{(22)}-m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(11)}m_{301}^{(21)}+5m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(11)}m_{211}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(11)}m_{202}^{(10)}-3m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(11)}m_{112}^{(00)}+2m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(21)}m_{310}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(21)}m_{301}^{(11)}-2m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(21)}m_{220}^{(20)}-4m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(21)}m_{211}^{(10)}\\
&+3m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(21)}m_{121}^{(00)}-2m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(10)}m_{220}^{(21)}+2m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(10)}m_{211}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(10)}m_{130}^{(20)}-2m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(10)}m_{121}^{(10)}+2m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(11)}m_{310}^{(21)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(11)}m_{220}^{(20)}-2m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(11)}m_{211}^{(10)}+2m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(11)}m_{121}^{(00)}
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\begin{aligned}
&-2m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(21)}m_{310}^{(11)}+4m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(21)}m_{220}^{(10)}-2m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(21)}m_{130}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(10)}m_{121}^{(22)}+2m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(10)}m_{112}^{(21)}-m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(10)}m_{103}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(11)}m_{211}^{(22)}-m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(11)}m_{202}^{(21)}-m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(11)}m_{112}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(11)}m_{103}^{(10)}-m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(21)}m_{211}^{(21)}+m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(21)}m_{202}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(21)}m_{121}^{(20)}-m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(21)}m_{112}^{(10)}+m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(10)}m_{211}^{(22)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(10)}m_{202}^{(21)}-m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(10)}m_{112}^{(20)}+m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(10)}m_{103}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(11)}m_{301}^{(22)}+2m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(11)}m_{202}^{(20)}-m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(11)}m_{103}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(21)}m_{301}^{(21)}-m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(21)}m_{211}^{(20)}-m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(21)}m_{202}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(21)}m_{112}^{(00)}+m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(10)}m_{220}^{(22)}-3m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(10)}m_{211}^{(21)}\\
&+2m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(10)}m_{202}^{(11)}+m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(10)}m_{121}^{(20)}-m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(10)}m_{112}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(11)}m_{310}^{(22)}+2m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(11)}m_{301}^{(21)}-2m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(11)}m_{202}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(11)}m_{112}^{(00)}+m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(21)}m_{310}^{(21)}-2m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(21)}m_{301}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(21)}m_{220}^{(20)}+3m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(21)}m_{211}^{(10)}-m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(21)}m_{121}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(10)}m_{310}^{(22)}+m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(10)}m_{301}^{(21)}+m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(10)}m_{211}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(10)}m_{202}^{(10)}+m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(11)}m_{400}^{(22)}-2m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(11)}m_{301}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(11)}m_{202}^{(00)}-m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(21)}m_{400}^{(21)}+m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(21)}m_{310}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(21)}m_{301}^{(10)}-m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(21)}m_{211}^{(00)}+m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(10)}m_{310}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(10)}m_{301}^{(11)}-m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(10)}m_{220}^{(20)}+m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(10)}m_{211}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(11)}m_{400}^{(21)}+m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(11)}m_{310}^{(20)}+m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(11)}m_{301}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(11)}m_{211}^{(00)}+m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(21)}m_{400}^{(11)}-2m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(21)}m_{310}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(21)}m_{220}^{(00)}-m_{000}^{(22)}m_{100}^{(20)}m_{200}^{(10)}m_{040}^{(22)}+2m_{000}^{(22)}m_{100}^{(20)}m_{200}^{(10)}m_{031}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{200}^{(10)}m_{022}^{(11)}+m_{000}^{(22)}m_{100}^{(20)}m_{200}^{(11)}m_{130}^{(22)}-m_{000}^{(22)}m_{100}^{(20)}m_{200}^{(11)}m_{121}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{200}^{(11)}m_{031}^{(20)}+m_{000}^{(22)}m_{100}^{(20)}m_{200}^{(11)}m_{022}^{(10)}-m_{000}^{(22)}m_{100}^{(20)}m_{200}^{(21)}m_{130}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{200}^{(21)}m_{121}^{(11)}+m_{000}^{(22)}m_{100}^{(20)}m_{200}^{(21)}m_{040}^{(20)}-m_{000}^{(22)}m_{100}^{(20)}m_{200}^{(21)}m_{031}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(10)}m_{130}^{(22)}-3m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(10)}m_{121}^{(21)}+m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(10)}m_{112}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(10)}m_{031}^{(20)}+m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(10)}m_{022}^{(10)}-2m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(11)}m_{220}^{(22)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(11)}m_{211}^{(21)}+3m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(11)}m_{121}^{(20)}-m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(11)}m_{112}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(11)}m_{022}^{(00)}+2m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(21)}m_{220}^{(21)}-m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(21)}m_{211}^{(11)}\\
&-2m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(21)}m_{130}^{(20)}+m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(21)}m_{031}^{(00)}-m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(10)}m_{130}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(10)}m_{121}^{(11)}+m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(10)}m_{040}^{(20)}-m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(10)}m_{031}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(11)}m_{220}^{(21)}-m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(11)}m_{130}^{(20)}-m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(11)}m_{121}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(11)}m_{031}^{(00)}-m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(21)}m_{220}^{(11)}+2m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(21)}m_{130}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(21)}m_{040}^{(00)}-m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(10)}m_{220}^{(22)}+m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(10)}m_{211}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(10)}m_{121}^{(20)}-m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(10)}m_{112}^{(10)}+m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(11)}m_{310}^{(22)}\\
&-2m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(11)}m_{211}^{(20)}+m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(11)}m_{112}^{(00)}-m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(21)}m_{310}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(21)}m_{220}^{(20)}+m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(21)}m_{211}^{(10)}-m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(21)}m_{121}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(10)}m_{220}^{(21)}-m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(10)}m_{211}^{(11)}-m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(10)}m_{130}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(10)}m_{121}^{(10)}-m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(11)}m_{310}^{(21)}+m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(11)}m_{220}^{(20)}
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&-2m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(21)}m_{220}^{(10)} + m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(21)}m_{130}^{(00)} + m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(10)}m_{130}^{(22)}\\
&-2m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(10)}m_{121}^{(21)} + m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(10)}m_{112}^{(11)} - m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(11)}m_{220}^{(22)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(11)}m_{211}^{(21)} + m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(11)}m_{121}^{(20)} - m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(11)}m_{112}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(21)}m_{220}^{(21)} - m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(21)}m_{211}^{(11)} - m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(21)}m_{130}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(21)}m_{121}^{(10)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(10)}m_{220}^{(22)} + 3m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(10)}m_{211}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(10)}m_{202}^{(11)} + m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(10)}m_{121}^{(20)} - m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(10)}m_{112}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(11)}m_{310}^{(22)} - m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(11)}m_{301}^{(21)} - 3m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(11)}m_{211}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(11)}m_{202}^{(10)} + m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(11)}m_{112}^{(00)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(21)}m_{310}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(21)}m_{301}^{(11)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(21)}m_{220}^{(20)} - m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(21)}m_{121}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(10)}m_{220}^{(21)} - m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(10)}m_{211}^{(11)} - m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(10)}m_{130}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(10)}m_{121}^{(10)} - m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(11)}m_{310}^{(21)} + m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(11)}m_{220}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(11)}m_{211}^{(10)} - m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(11)}m_{121}^{(00)} + m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(21)}m_{310}^{(11)}\\
&-2m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(21)}m_{220}^{(10)} + m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(21)}m_{130}^{(00)} + m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(10)}m_{310}^{(22)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(10)}m_{301}^{(21)} - m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(10)}m_{211}^{(20)} + m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(10)}m_{202}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(11)}m_{400}^{(22)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(11)}m_{301}^{(20)} - m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(11)}m_{202}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(21)}m_{400}^{(21)} - m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(21)}m_{310}^{(20)} - m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(21)}m_{301}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(21)}m_{211}^{(00)} - m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(10)}m_{310}^{(21)} + m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(10)}m_{301}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(10)}m_{220}^{(20)} - m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(10)}m_{211}^{(10)} + m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(11)}m_{400}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(11)}m_{310}^{(20)} - m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(11)}m_{301}^{(10)} + m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(11)}m_{211}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(21)}m_{400}^{(11)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(21)}m_{310}^{(10)} - m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(21)}m_{220}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(00)}m_{031}^{(22)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(00)}m_{022}^{(21)} + m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(00)}m_{013}^{(11)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(10)}m_{121}^{(22)} + m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(10)}m_{112}^{(21)} + m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(10)}m_{022}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(10)}m_{013}^{(10)} + m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(20)}m_{121}^{(21)} - m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(20)}m_{112}^{(11)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(20)}m_{031}^{(20)} + m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(20)}m_{022}^{(10)} - m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(00)}m_{040}^{(22)}\\
&+2m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(00)}m_{031}^{(21)} - m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(00)}m_{022}^{(11)} + m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(10)}m_{130}^{(22)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(10)}m_{121}^{(21)} - m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(10)}m_{031}^{(20)} + m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(10)}m_{022}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(20)}m_{130}^{(21)} + m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(20)}m_{121}^{(11)} + m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(20)}m_{040}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(20)}m_{031}^{(10)} - m_{000}^{(22)}m_{010}^{(00)}m_{020}^{(00)}m_{121}^{(22)} + m_{000}^{(22)}m_{010}^{(00)}m_{020}^{(00)}m_{112}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{020}^{(00)}m_{022}^{(20)} - m_{000}^{(22)}m_{010}^{(00)}m_{020}^{(00)}m_{013}^{(10)} + m_{000}^{(22)}m_{010}^{(00)}m_{020}^{(10)}m_{211}^{(22)}\\
&-2m_{000}^{(22)}m_{010}^{(00)}m_{020}^{(10)}m_{112}^{(20)} + m_{000}^{(22)}m_{010}^{(00)}m_{020}^{(10)}m_{013}^{(00)} - m_{000}^{(22)}m_{010}^{(00)}m_{020}^{(20)}m_{211}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{020}^{(20)}m_{121}^{(20)} + m_{000}^{(22)}m_{010}^{(00)}m_{020}^{(20)}m_{112}^{(10)} - m_{000}^{(22)}m_{010}^{(00)}m_{020}^{(20)}m_{022}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(00)}m_{130}^{(22)} - m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(00)}m_{112}^{(11)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(00)}m_{031}^{(20)}\\
&+2m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(00)}m_{022}^{(10)} - m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(10)}m_{220}^{(22)} - m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(10)}m_{211}^{(21)}\\
&+3m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(10)}m_{121}^{(20)} + m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(10)}m_{112}^{(10)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(10)}m_{022}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(20)}m_{220}^{(21)} + m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(20)}m_{211}^{(11)} - m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(20)}m_{130}^{(20)}\\
&-3m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(20)}m_{121}^{(10)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(20)}m_{031}^{(00)} - m_{000}^{(22)}m_{010}^{(00)}m_{002}^{(00)}m_{130}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{002}^{(00)}m_{121}^{(11)} + m_{000}^{(22)}m_{010}^{(00)}m_{002}^{(00)}m_{040}^{(20)} - m_{000}^{(22)}m_{010}^{(00)}m_{002}^{(00)}m_{031}^{(10)}
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&+m_{000}^{(22)}m_{010}^{(00)}m_{002}^{(10)}m_{220}^{(21)} - m_{000}^{(22)}m_{010}^{(00)}m_{002}^{(10)}m_{130}^{(20)} - m_{000}^{(22)}m_{010}^{(00)}m_{002}^{(10)}m_{121}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{002}^{(10)}m_{031}^{(00)} - m_{000}^{(22)}m_{010}^{(00)}m_{002}^{(20)}m_{220}^{(11)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{002}^{(20)}m_{130}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{002}^{(20)}m_{040}^{(00)} - m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(00)}m_{031}^{(22)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(00)}m_{022}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(00)}m_{013}^{(11)} + m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(10)}m_{121}^{(22)} - m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(10)}m_{112}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(10)}m_{022}^{(20)} + m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(10)}m_{013}^{(10)} - m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(20)}m_{121}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(20)}m_{112}^{(11)} + m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(20)}m_{031}^{(20)} - m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(20)}m_{022}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(00)}m_{112}^{(21)} - m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(00)}m_{103}^{(11)} - m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(00)}m_{022}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(00)}m_{013}^{(10)} - m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(10)}m_{202}^{(21)} + m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(10)}m_{112}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(10)}m_{103}^{(10)} - m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(10)}m_{013}^{(00)} + m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(20)}m_{202}^{(11)}\\
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&+m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(10)}m_{121}^{(20)} - 3m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(10)}m_{112}^{(10)} + m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(10)}m_{022}^{(00)}\\
&+2m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(20)}m_{220}^{(21)} - 3m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(20)}m_{211}^{(11)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(20)}m_{130}^{(20)}\\
&+4m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(20)}m_{121}^{(10)} - m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(20)}m_{031}^{(00)} + m_{000}^{(22)}m_{010}^{(10)}m_{020}^{(00)}m_{211}^{(22)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{020}^{(00)}m_{202}^{(21)} - m_{000}^{(22)}m_{010}^{(10)}m_{020}^{(00)}m_{112}^{(20)} + m_{000}^{(22)}m_{010}^{(10)}m_{020}^{(00)}m_{103}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{020}^{(10)}m_{301}^{(22)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{020}^{(10)}m_{202}^{(20)} - m_{000}^{(22)}m_{010}^{(10)}m_{020}^{(10)}m_{103}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{020}^{(20)}m_{301}^{(21)} - m_{000}^{(22)}m_{010}^{(10)}m_{020}^{(20)}m_{211}^{(20)} - m_{000}^{(22)}m_{010}^{(10)}m_{020}^{(20)}m_{202}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{020}^{(20)}m_{112}^{(00)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(00)}m_{220}^{(22)} + m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(00)}m_{211}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(00)}m_{202}^{(11)} + 3m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(00)}m_{121}^{(20)} - 3m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(00)}m_{112}^{(10)}\\
&+2m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(10)}m_{310}^{(22)} + m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(10)}m_{301}^{(21)} - 5m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(10)}m_{211}^{(20)}\\
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&+2m_{000}^{(22)}m_{010}^{(10)}m_{002}^{(10)}m_{220}^{(20)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{002}^{(10)}m_{211}^{(10)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{002}^{(10)}m_{121}^{(00)}\\
&+2m_{000}^{(22)}m_{010}^{(10)}m_{002}^{(20)}m_{310}^{(11)} - 4m_{000}^{(22)}m_{010}^{(10)}m_{002}^{(20)}m_{220}^{(10)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{002}^{(20)}m_{130}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(00)}m_{121}^{(22)} - 2m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(00)}m_{112}^{(21)} + m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(00)}m_{103}^{(11)}\\
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&-m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(20)}m_{121}^{(20)} + m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(20)}m_{112}^{(10)} - m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(00)}m_{211}^{(22)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(00)}m_{202}^{(21)} + m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(00)}m_{112}^{(20)} - m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(00)}m_{103}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(10)}m_{301}^{(22)} - 2m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(10)}m_{202}^{(20)} + m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(10)}m_{103}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(20)}m_{301}^{(21)} + m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(20)}m_{211}^{(20)} + m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(20)}m_{202}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(20)}m_{112}^{(00)} - m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(00)}m_{220}^{(22)} + 3m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(00)}m_{211}^{(21)}\\
&-2m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(00)}m_{202}^{(11)} - m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(00)}m_{121}^{(20)} + m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(00)}m_{112}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(10)}m_{310}^{(22)} - 2m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(10)}m_{301}^{(21)} + 2m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(10)}m_{202}^{(10)}\\
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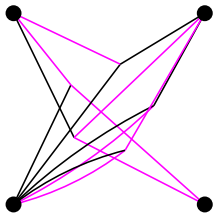
&+m_{000}^{(22)}m_{010}^{(11)}m_{011}^{(00)}m_{310}^{(22)} - m_{000}^{(22)}m_{010}^{(11)}m_{011}^{(00)}m_{301}^{(21)} - m_{000}^{(22)}m_{010}^{(11)}m_{011}^{(00)}m_{211}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{011}^{(00)}m_{202}^{(10)} - m_{000}^{(22)}m_{010}^{(11)}m_{011}^{(10)}m_{400}^{(22)} + 2m_{000}^{(22)}m_{010}^{(11)}m_{011}^{(10)}m_{301}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{011}^{(10)}m_{202}^{(00)} + m_{000}^{(22)}m_{010}^{(11)}m_{011}^{(20)}m_{400}^{(21)} - m_{000}^{(22)}m_{010}^{(11)}m_{011}^{(20)}m_{310}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{011}^{(20)}m_{301}^{(10)} + m_{000}^{(22)}m_{010}^{(11)}m_{011}^{(20)}m_{211}^{(00)} - m_{000}^{(22)}m_{010}^{(11)}m_{002}^{(00)}m_{310}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{002}^{(00)}m_{301}^{(11)} + m_{000}^{(22)}m_{010}^{(11)}m_{002}^{(00)}m_{220}^{(20)} - m_{000}^{(22)}m_{010}^{(11)}m_{002}^{(00)}m_{211}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{002}^{(10)}m_{400}^{(21)} - m_{000}^{(22)}m_{010}^{(11)}m_{002}^{(10)}m_{310}^{(20)} - m_{000}^{(22)}m_{010}^{(11)}m_{002}^{(10)}m_{301}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{002}^{(10)}m_{211}^{(00)} - m_{000}^{(22)}m_{010}^{(11)}m_{002}^{(20)}m_{400}^{(11)} + 2m_{000}^{(22)}m_{010}^{(11)}m_{002}^{(20)}m_{310}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{002}^{(20)}m_{220}^{(00)} + m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(00)}m_{040}^{(22)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(00)}m_{031}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(00)}m_{022}^{(11)} - m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(10)}m_{130}^{(22)} + m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(10)}m_{121}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(10)}m_{031}^{(20)} - m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(10)}m_{022}^{(10)} + m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(20)}m_{130}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(20)}m_{121}^{(11)} - m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(20)}m_{040}^{(20)} + m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(20)}m_{031}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(00)}m_{130}^{(22)} + 3m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(00)}m_{121}^{(21)} - m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(00)}m_{112}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(00)}m_{031}^{(20)} - m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(00)}m_{022}^{(10)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(10)}m_{220}^{(22)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(10)}m_{211}^{(21)} - 3m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(10)}m_{121}^{(20)} + m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(10)}m_{112}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(10)}m_{022}^{(00)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(20)}m_{220}^{(21)} + m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(20)}m_{211}^{(11)}\\
&+2m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(20)}m_{130}^{(20)} - m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(20)}m_{031}^{(00)} + m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(00)}m_{101}^{(21)}m_{130}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(00)}m_{121}^{(11)} - m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(00)}m_{040}^{(20)} + m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(00)}m_{031}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(10)}m_{220}^{(21)} + m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(10)}m_{130}^{(20)} + m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(10)}m_{121}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(10)}m_{031}^{(00)} + m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(20)}m_{220}^{(11)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(20)}m_{130}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(20)}m_{040}^{(00)} + m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(00)}m_{220}^{(22)} - m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(00)}m_{211}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(00)}m_{121}^{(20)} + m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(00)}m_{112}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(10)}m_{310}^{(22)}\\
&+2m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(10)}m_{211}^{(20)} - m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(10)}m_{112}^{(00)} + m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(20)}m_{310}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(20)}m_{220}^{(20)} - m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(20)}m_{211}^{(10)} + m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(20)}m_{121}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(00)}m_{220}^{(21)} + m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(00)}m_{211}^{(11)} + m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(00)}m_{130}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(00)}m_{121}^{(10)} + m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{310}^{(21)} - m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{220}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{211}^{(10)} + m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{121}^{(00)} - m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(20)}m_{310}^{(11)}\\
&+2m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(20)}m_{220}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(20)}m_{130}^{(00)} - m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(22)}m_{130}\\
&+2m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(00)}m_{121}^{(21)} - m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(00)}m_{112}^{(11)} + m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(10)}m_{220}^{(22)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(10)}m_{211}^{(21)} - m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(10)}m_{121}^{(20)} + m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(10)}m_{112}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(20)}m_{220}^{(21)} + m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(20)}m_{211}^{(11)} + m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(20)}m_{130}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(20)}m_{121}^{(10)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(00)}m_{220}^{(22)} - 3m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(00)}m_{211}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(00)}m_{202}^{(11)} - m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(00)}m_{121}^{(20)} + m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(00)}m_{112}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{310}^{(22)} + m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{301}^{(21)} + 3m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{211}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{202}^{(10)} - m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{112}^{(00)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(20)}m_{310}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(20)}m_{301}^{(11)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(20)}m_{220}^{(20)} + m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(20)}m_{121}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(00)}m_{220}^{(21)} + m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(00)}m_{211}^{(11)} + m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(00)}m_{130}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(00)}m_{121}^{(10)} + m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(10)}m_{310}^{(21)} - m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(10)}m_{220}^{(20)}
\end{aligned}
$$

$$
\begin{aligned}
&-m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(10)}m_{211}^{(10)} + m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(10)}m_{121}^{(00)} - m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(20)}m_{310}^{(11)}\\
&+2m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(20)}m_{220}^{(10)} - m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(20)}m_{130}^{(00)} - m_{000}^{(22)}m_{010}^{(21)}m_{020}^{(00)}m_{310}^{(22)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{020}^{(00)}m_{301}^{(21)} + m_{000}^{(22)}m_{010}^{(21)}m_{020}^{(00)}m_{211}^{(20)} - m_{000}^{(22)}m_{010}^{(21)}m_{020}^{(00)}m_{202}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{020}^{(10)}m_{400}^{(22)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{020}^{(10)}m_{301}^{(20)} + m_{000}^{(22)}m_{010}^{(21)}m_{020}^{(10)}m_{202}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{020}^{(20)}m_{400}^{(21)} + m_{000}^{(22)}m_{010}^{(21)}m_{020}^{(20)}m_{310}^{(20)} + m_{000}^{(22)}m_{010}^{(21)}m_{020}^{(20)}m_{301}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{020}^{(20)}m_{211}^{(00)} + m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(00)}m_{310}^{(21)} - m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(00)}m_{301}^{(11)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(00)}m_{220}^{(20)} + m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(00)}m_{211}^{(10)} - m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(10)}m_{400}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(10)}m_{310}^{(20)} + m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(10)}m_{301}^{(10)} - m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(10)}m_{211}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(20)}m_{400}^{(11)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(20)}m_{310}^{(10)} + m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(20)}m_{220}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{rrrrr}
V1 & V1 & 1 & 1 & 2\\
1 & 1 & V2 & V2 & V3\\
V3 & 3 & 3 & V4 & V4
\end{array}
$$



$$
\begin{aligned}
T_{171} \;=\;& -m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(20)}m_{022}^{(22)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(20)}m_{013}^{(21)} - m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(20)}m_{004}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(21)}m_{112}^{(22)} - m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(21)}m_{103}^{(21)} - m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(21)}m_{013}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(21)}m_{004}^{(10)} - m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(22)}m_{112}^{(21)} + m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(22)}m_{103}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(22)}m_{022}^{(20)} - m_{000}^{(00)}m_{010}^{(10)}m_{110}^{(22)}m_{013}^{(10)} + m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(20)}m_{031}^{(22)}\\
&-2m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(20)}m_{022}^{(21)} + m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(20)}m_{013}^{(11)} - m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(21)}m_{121}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(21)}m_{112}^{(21)} + m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(21)}m_{022}^{(20)} - m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(21)}m_{013}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(22)}m_{121}^{(21)} - m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(22)}m_{112}^{(11)} - m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(22)}m_{031}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{101}^{(22)}m_{022}^{(10)} + m_{000}^{(00)}m_{010}^{(10)}m_{020}^{(20)}m_{112}^{(22)} - m_{000}^{(00)}m_{010}^{(10)}m_{020}^{(20)}m_{103}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{020}^{(20)}m_{013}^{(20)} + m_{000}^{(00)}m_{010}^{(10)}m_{020}^{(20)}m_{004}^{(10)} - m_{000}^{(00)}m_{010}^{(10)}m_{020}^{(21)}m_{202}^{(22)}\\
&+2m_{000}^{(00)}m_{010}^{(10)}m_{020}^{(21)}m_{103}^{(20)} - m_{000}^{(00)}m_{010}^{(10)}m_{020}^{(21)}m_{004}^{(00)} + m_{000}^{(00)}m_{010}^{(10)}m_{020}^{(22)}m_{202}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{020}^{(22)}m_{112}^{(20)} - m_{000}^{(00)}m_{010}^{(10)}m_{020}^{(22)}m_{103}^{(10)} + m_{000}^{(00)}m_{010}^{(10)}m_{020}^{(22)}m_{013}^{(00)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(20)}m_{121}^{(22)} + m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(20)}m_{103}^{(11)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(20)}m_{022}^{(20)}\\
&-2m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(20)}m_{013}^{(10)} + m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{211}^{(22)} + m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{202}^{(21)}\\
&-3m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{112}^{(20)} - m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{103}^{(10)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(21)}m_{013}^{(00)}
\end{aligned}
$$

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\begin{aligned}
&-m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(22)}m_{211}^{(21)} - m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(22)}m_{202}^{(11)} + m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(22)}m_{121}^{(20)}\\
&+3m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(22)}m_{112}^{(10)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{011}^{(22)}m_{022}^{(00)} + m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(20)}m_{121}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(20)}m_{112}^{(11)} - m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(20)}m_{031}^{(20)} + m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(20)}m_{022}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(21)}m_{211}^{(21)} + m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(21)}m_{121}^{(20)} + m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(21)}m_{112}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(21)}m_{022}^{(00)} + m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(22)}m_{211}^{(11)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(22)}m_{121}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{002}^{(22)}m_{031}^{(00)} + m_{000}^{(00)}m_{010}^{(11)}m_{200}^{(20)}m_{022}^{(22)} - 2m_{000}^{(00)}m_{010}^{(11)}m_{200}^{(20)}m_{013}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{200}^{(20)}m_{004}^{(11)} - m_{000}^{(00)}m_{010}^{(11)}m_{200}^{(21)}m_{112}^{(22)} + m_{000}^{(00)}m_{010}^{(11)}m_{200}^{(21)}m_{103}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{200}^{(21)}m_{013}^{(20)} - m_{000}^{(00)}m_{010}^{(11)}m_{200}^{(21)}m_{004}^{(10)} + m_{000}^{(00)}m_{010}^{(11)}m_{200}^{(22)}m_{112}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{200}^{(22)}m_{103}^{(11)} - m_{000}^{(00)}m_{010}^{(11)}m_{200}^{(22)}m_{022}^{(20)} + m_{000}^{(00)}m_{010}^{(11)}m_{200}^{(22)}m_{013}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{110}^{(20)}m_{112}^{(22)} + m_{000}^{(00)}m_{010}^{(11)}m_{110}^{(20)}m_{103}^{(21)} + m_{000}^{(00)}m_{010}^{(11)}m_{110}^{(20)}m_{013}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{110}^{(20)}m_{004}^{(10)} + m_{000}^{(00)}m_{010}^{(11)}m_{110}^{(21)}m_{202}^{(22)} - 2m_{000}^{(00)}m_{010}^{(11)}m_{110}^{(21)}m_{103}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{110}^{(21)}m_{004}^{(00)} - m_{000}^{(00)}m_{010}^{(11)}m_{110}^{(22)}m_{202}^{(21)} + m_{000}^{(00)}m_{010}^{(11)}m_{110}^{(22)}m_{112}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{110}^{(22)}m_{103}^{(10)} - m_{000}^{(00)}m_{010}^{(11)}m_{110}^{(22)}m_{013}^{(00)} - m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(20)}m_{121}^{(22)}\\
&+3m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(20)}m_{112}^{(21)} - 2m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(20)}m_{103}^{(11)} - m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(20)}m_{022}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(20)}m_{013}^{(10)} + m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(21)}m_{211}^{(22)} - 2m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(21)}m_{202}^{(21)}\\
&+2m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(21)}m_{103}^{(10)} - m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(21)}m_{013}^{(00)} - m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(22)}m_{211}^{(21)}\\
&+2m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(22)}m_{202}^{(11)} + m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(22)}m_{121}^{(20)} - 3m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(22)}m_{112}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{101}^{(22)}m_{022}^{(00)} + m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(20)}m_{211}^{(22)} - m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(20)}m_{202}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(20)}m_{112}^{(20)} + m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(20)}m_{103}^{(10)} - m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(21)}m_{301}^{(22)}\\
&+2m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(21)}m_{202}^{(20)} - m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(21)}m_{103}^{(00)} + m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(22)}m_{301}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(22)}m_{211}^{(20)} - m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(22)}m_{202}^{(10)} + m_{000}^{(00)}m_{010}^{(11)}m_{011}^{(22)}m_{112}^{(00)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(20)}m_{211}^{(21)} + m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(20)}m_{202}^{(11)} + m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(20)}m_{121}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(20)}m_{112}^{(10)} + m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(21)}m_{301}^{(21)} - m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(21)}m_{211}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(21)}m_{202}^{(10)} + m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(21)}m_{112}^{(00)} - m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(22)}m_{301}^{(11)}\\
&+2m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(22)}m_{211}^{(10)} - m_{000}^{(00)}m_{010}^{(11)}m_{002}^{(22)}m_{121}^{(00)} + m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(10)}m_{022}^{(22)}\\
&-2m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(10)}m_{013}^{(21)} + m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(10)}m_{004}^{(11)} - m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(11)}m_{112}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(11)}m_{103}^{(21)} + m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(11)}m_{013}^{(20)} - m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(11)}m_{004}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{112}^{(21)} - m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{103}^{(11)} - m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{022}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{110}^{(21)}m_{013}^{(10)} - m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(10)}m_{031}^{(22)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(10)}m_{022}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(10)}m_{013}^{(11)} + m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(11)}m_{121}^{(22)} - m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(11)}m_{112}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(11)}m_{022}^{(20)} + m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(11)}m_{013}^{(10)} - m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(21)}m_{121}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(21)}m_{112}^{(11)} + m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(21)}m_{031}^{(20)} - m_{000}^{(00)}m_{010}^{(20)}m_{101}^{(21)}m_{022}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{020}^{(10)}m_{112}^{(22)} + m_{000}^{(00)}m_{010}^{(20)}m_{020}^{(10)}m_{103}^{(21)} + m_{000}^{(00)}m_{010}^{(20)}m_{020}^{(10)}m_{013}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{020}^{(10)}m_{004}^{(10)} + m_{000}^{(00)}m_{010}^{(20)}m_{020}^{(11)}m_{202}^{(22)} - 2m_{000}^{(00)}m_{010}^{(20)}m_{020}^{(11)}m_{103}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{020}^{(11)}m_{004}^{(00)} - m_{000}^{(00)}m_{010}^{(20)}m_{020}^{(21)}m_{202}^{(21)} + m_{000}^{(00)}m_{010}^{(20)}m_{020}^{(21)}m_{112}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{020}^{(21)}m_{103}^{(10)} - m_{000}^{(00)}m_{010}^{(20)}m_{020}^{(21)}m_{013}^{(00)} + m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(10)}m_{121}^{(22)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(10)}m_{103}^{(11)} - 2m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(10)}m_{022}^{(20)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(10)}m_{013}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(11)}m_{211}^{(22)} - m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(11)}m_{202}^{(21)} + 3m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(11)}m_{112}^{(20)}
\end{aligned}
$$

$$+m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(11)}m_{103}^{(10)} - 2m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(11)}m_{013}^{(00)} + m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{211}^{(21)}$$
$$+m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{202}^{(11)} - m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{121}^{(20)} - 3m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{112}^{(10)}$$
$$+2m_{000}^{(00)}m_{010}^{(20)}m_{011}^{(21)}m_{022}^{(00)} - m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(10)}m_{121}^{(21)} + m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(10)}m_{112}^{(11)}$$
$$+m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(10)}m_{031}^{(20)} - m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(10)}m_{022}^{(10)} + m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(11)}m_{211}^{(21)}$$
$$-m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(11)}m_{121}^{(20)} - m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(11)}m_{112}^{(10)} + m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(11)}m_{022}^{(00)}$$
$$-m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{211}^{(11)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{121}^{(10)} - m_{000}^{(00)}m_{010}^{(20)}m_{002}^{(21)}m_{031}^{(00)}$$
$$-m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(10)}m_{022}^{(22)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(10)}m_{013}^{(21)} - m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(10)}m_{004}^{(11)}$$
$$+m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(11)}m_{112}^{(22)} - m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(11)}m_{103}^{(21)} - m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(11)}m_{013}^{(20)}$$
$$+m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(11)}m_{004}^{(10)} - m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(20)}m_{031}^{(22)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(20)}m_{022}^{(21)}$$
$$-m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(20)}m_{013}^{(11)} + m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(21)}m_{121}^{(22)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(21)}m_{112}^{(21)}$$
$$+m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(21)}m_{103}^{(11)} - m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(22)}m_{121}^{(21)} + m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(22)}m_{112}^{(11)}$$
$$+m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(22)}m_{031}^{(20)} - m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(22)}m_{022}^{(10)} + m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(10)}m_{112}^{(22)}$$
$$-m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(10)}m_{103}^{(21)} - m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(10)}m_{013}^{(20)} + m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(10)}m_{004}^{(10)}$$
$$-m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(11)}m_{202}^{(22)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(11)}m_{103}^{(20)} - m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(11)}m_{004}^{(00)}$$
$$+2m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(20)}m_{121}^{(22)} - 3m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(20)}m_{112}^{(21)} + m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(20)}m_{103}^{(11)}$$
$$-m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(20)}m_{022}^{(20)} + m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(20)}m_{013}^{(10)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(21)}m_{211}^{(22)}$$
$$+2m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(21)}m_{202}^{(21)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(21)}m_{112}^{(20)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(21)}m_{103}^{(10)}$$
$$+2m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(22)}m_{211}^{(21)} - m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(22)}m_{202}^{(11)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(22)}m_{121}^{(20)}$$
$$+m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(22)}m_{022}^{(00)} + m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(10)}m_{121}^{(22)} - 3m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(10)}m_{112}^{(21)}$$
$$+2m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(10)}m_{103}^{(11)} + m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(10)}m_{022}^{(20)} - m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(10)}m_{013}^{(10)}$$
$$-m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(11)}m_{211}^{(22)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(11)}m_{202}^{(21)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(11)}m_{103}^{(10)}$$
$$+m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(11)}m_{013}^{(00)} - m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(20)}m_{121}^{(21)} + m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(20)}m_{112}^{(11)}$$
$$+m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(20)}m_{031}^{(20)} - m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(20)}m_{022}^{(10)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{211}^{(21)}$$
$$-2m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{202}^{(11)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{121}^{(20)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{112}^{(10)}$$
$$-m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(22)}m_{211}^{(11)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(22)}m_{121}^{(10)} - m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(22)}m_{031}^{(00)}$$
$$-m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(20)}m_{211}^{(22)} + m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(20)}m_{202}^{(21)} + m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(20)}m_{112}^{(20)}$$
$$-m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(20)}m_{103}^{(10)} + m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(21)}m_{301}^{(22)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(21)}m_{202}^{(20)}$$
$$+m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(21)}m_{103}^{(00)} - m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(22)}m_{301}^{(21)} + m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(22)}m_{211}^{(20)}$$
$$+m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(22)}m_{202}^{(10)} - m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(22)}m_{112}^{(00)} - m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(10)}m_{211}^{(22)}$$
$$+m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(10)}m_{202}^{(21)} + m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(10)}m_{112}^{(20)} - m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(10)}m_{103}^{(10)}$$
$$+m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(11)}m_{301}^{(22)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(11)}m_{202}^{(20)} + m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(11)}m_{103}^{(00)}$$
$$+m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{211}^{(21)} - m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{202}^{(11)} - m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{121}^{(20)}$$
$$+m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{112}^{(10)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{301}^{(21)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{211}^{(20)}$$
$$+2m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{202}^{(10)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(21)}m_{112}^{(00)} + m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{301}^{(11)}$$
$$-2m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{211}^{(10)} + m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{121}^{(00)} + m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(10)}m_{211}^{(21)}$$
$$-m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(10)}m_{202}^{(11)} - m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(10)}m_{121}^{(20)} + m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(10)}m_{112}^{(10)}$$
$$-m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(11)}m_{301}^{(21)} + m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(11)}m_{211}^{(20)} + m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(11)}m_{202}^{(10)}$$
$$-m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(11)}m_{112}^{(00)} + m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(21)}m_{301}^{(11)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(21)}m_{211}^{(10)}$$

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&+m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(21)}m_{121}^{(00)}+m_{000}^{(00)}m_{010}^{(22)}m_{200}^{(10)}m_{031}^{(22)}-2m_{000}^{(00)}m_{010}^{(22)}m_{200}^{(10)}m_{022}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{200}^{(10)}m_{013}^{(11)}-m_{000}^{(00)}m_{010}^{(22)}m_{200}^{(11)}m_{121}^{(22)}+m_{000}^{(00)}m_{010}^{(22)}m_{200}^{(11)}m_{112}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{200}^{(11)}m_{022}^{(20)}-m_{000}^{(00)}m_{010}^{(22)}m_{200}^{(11)}m_{013}^{(10)}+m_{000}^{(00)}m_{010}^{(22)}m_{200}^{(21)}m_{121}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{200}^{(21)}m_{112}^{(11)}-m_{000}^{(00)}m_{010}^{(22)}m_{200}^{(21)}m_{031}^{(20)}+m_{000}^{(00)}m_{010}^{(22)}m_{200}^{(21)}m_{022}^{(10)}\\
&-2m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(10)}m_{121}^{(22)}+3m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(10)}m_{112}^{(21)}-m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(10)}m_{103}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(10)}m_{022}^{(20)}-m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(10)}m_{013}^{(10)}+2m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(11)}m_{211}^{(22)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(11)}m_{202}^{(21)}-3m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(11)}m_{112}^{(20)}+m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(11)}m_{103}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(11)}m_{013}^{(00)}-2m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{211}^{(21)}+m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{202}^{(11)}\\
&+2m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{121}^{(20)}-m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{022}^{(00)}+m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(10)}m_{121}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(10)}m_{112}^{(11)}-m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(10)}m_{031}^{(20)}+m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(10)}m_{022}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(11)}m_{211}^{(21)}+m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(11)}m_{121}^{(20)}+m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(11)}m_{112}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(11)}m_{022}^{(00)}+m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(21)}m_{211}^{(11)}-2m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(21)}m_{121}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(21)}m_{031}^{(00)}+m_{000}^{(00)}m_{010}^{(22)}m_{020}^{(10)}m_{211}^{(22)}-m_{000}^{(00)}m_{010}^{(22)}m_{020}^{(10)}m_{202}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{020}^{(10)}m_{112}^{(20)}+m_{000}^{(00)}m_{010}^{(22)}m_{020}^{(10)}m_{103}^{(10)}-m_{000}^{(00)}m_{010}^{(22)}m_{020}^{(11)}m_{301}^{(22)}\\
&+2m_{000}^{(00)}m_{010}^{(22)}m_{020}^{(11)}m_{202}^{(20)}-m_{000}^{(00)}m_{010}^{(22)}m_{020}^{(11)}m_{103}^{(00)}+m_{000}^{(00)}m_{010}^{(22)}m_{020}^{(21)}m_{301}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{020}^{(21)}m_{211}^{(20)}-m_{000}^{(00)}m_{010}^{(22)}m_{020}^{(21)}m_{202}^{(10)}+m_{000}^{(00)}m_{010}^{(22)}m_{020}^{(21)}m_{112}^{(00)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(10)}m_{211}^{(21)}+m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(10)}m_{202}^{(11)}+m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(10)}m_{121}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(10)}m_{112}^{(10)}+m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(11)}m_{301}^{(21)}-m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(11)}m_{211}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(11)}m_{202}^{(10)}+m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(11)}m_{112}^{(00)}-m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{301}^{(11)}\\
&+2m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{211}^{(10)}-m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(21)}m_{121}^{(00)}+m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(20)}m_{031}^{(22)}\\
&-2m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(20)}m_{022}^{(21)}+m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(20)}m_{013}^{(11)}-m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{121}^{(22)}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{112}^{(21)}+m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{022}^{(20)}-m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(21)}m_{013}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{121}^{(21)}-m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{112}^{(11)}-m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{031}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{110}^{(22)}m_{022}^{(10)}-m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(20)}m_{040}^{(22)}+2m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(20)}m_{031}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(20)}m_{022}^{(11)}+m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{130}^{(22)}-m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{121}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{031}^{(20)}+m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(21)}m_{022}^{(10)}-m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(22)}m_{130}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(22)}m_{121}^{(11)}+m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(22)}m_{040}^{(20)}-m_{000}^{(00)}m_{001}^{(10)}m_{101}^{(22)}m_{031}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{121}^{(22)}+m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{112}^{(21)}+m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{022}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(20)}m_{013}^{(10)}+m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{211}^{(22)}-2m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{112}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(21)}m_{013}^{(00)}-m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{211}^{(21)}+m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{121}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{112}^{(10)}-m_{000}^{(00)}m_{001}^{(10)}m_{020}^{(22)}m_{022}^{(00)}+m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{130}^{(22)}\\
&-m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{112}^{(11)}-2m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{031}^{(20)}+2m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(20)}m_{022}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{220}^{(22)}-m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{211}^{(21)}+3m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{121}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{112}^{(10)}-2m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(21)}m_{022}^{(00)}+m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{220}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{211}^{(11)}-m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{130}^{(20)}-3m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{121}^{(10)}\\
&+2m_{000}^{(00)}m_{001}^{(10)}m_{011}^{(22)}m_{031}^{(00)}-m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(20)}m_{130}^{(21)}+m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(20)}m_{121}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(20)}m_{040}^{(20)}-m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(20)}m_{031}^{(10)}+m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{220}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{130}^{(20)}-m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{121}^{(10)}+m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{031}^{(00)}
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&-m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(22)}m_{220}^{(11)} + 2m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(22)}m_{130}^{(10)} - m_{000}^{(00)}m_{001}^{(10)}m_{002}^{(22)}m_{040}^{(00)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{200}^{(20)}m_{031}^{(22)} + 2m_{000}^{(00)}m_{001}^{(11)}m_{200}^{(20)}m_{022}^{(21)} - m_{000}^{(00)}m_{001}^{(11)}m_{200}^{(20)}m_{013}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{200}^{(21)}m_{121}^{(22)} - m_{000}^{(00)}m_{001}^{(11)}m_{200}^{(21)}m_{112}^{(21)} - m_{000}^{(00)}m_{001}^{(11)}m_{200}^{(21)}m_{022}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{200}^{(21)}m_{013}^{(10)} - m_{000}^{(00)}m_{001}^{(11)}m_{200}^{(22)}m_{121}^{(21)} + m_{000}^{(00)}m_{001}^{(11)}m_{200}^{(22)}m_{112}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{200}^{(22)}m_{031}^{(20)} - m_{000}^{(00)}m_{001}^{(11)}m_{200}^{(22)}m_{022}^{(10)} + m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(20)}m_{121}^{(22)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(20)}m_{112}^{(21)} - m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(20)}m_{022}^{(20)} + m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(20)}m_{013}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(21)}m_{211}^{(22)} + 2m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(21)}m_{112}^{(20)} - m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(21)}m_{013}^{(00)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(22)}m_{211}^{(21)} - m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(22)}m_{121}^{(20)} - m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(22)}m_{112}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(22)}m_{022}^{(00)} + m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(20)}m_{130}^{(22)} - 3m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(20)}m_{121}^{(21)}\\
&+2m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(20)}m_{112}^{(11)} + m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(20)}m_{031}^{(20)} - m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(20)}m_{022}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{220}^{(22)} + 2m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{211}^{(21)} - 2m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{112}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{022}^{(00)} + m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(22)}m_{220}^{(21)} - 2m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(22)}m_{211}^{(11)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(22)}m_{130}^{(20)} + 3m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(22)}m_{121}^{(10)} - m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(22)}m_{031}^{(00)}\\
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&-m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{112}^{(10)} + m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{310}^{(22)} - 2m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{211}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(21)}m_{112}^{(00)} - m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(22)}m_{310}^{(21)} + m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(22)}m_{220}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(22)}m_{211}^{(10)} - m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(22)}m_{121}^{(00)} + m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(20)}m_{220}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(20)}m_{211}^{(11)} - m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(20)}m_{130}^{(20)} + m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(20)}m_{121}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{310}^{(21)} + m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{220}^{(20)} + m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{211}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{121}^{(00)} + m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(22)}m_{310}^{(11)} - 2m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(22)}m_{220}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(22)}m_{130}^{(00)} - m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(10)}m_{031}^{(22)} + 2m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(10)}m_{022}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(10)}m_{013}^{(11)} + m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(11)}m_{121}^{(22)} - m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(11)}m_{112}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(11)}m_{022}^{(20)} + m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(11)}m_{013}^{(10)} - m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{121}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{112}^{(11)} + m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{031}^{(20)} - m_{000}^{(00)}m_{001}^{(20)}m_{110}^{(21)}m_{022}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(10)}m_{040}^{(22)} - 2m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(10)}m_{031}^{(21)} + m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(10)}m_{022}^{(11)}\\
&-m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{130}^{(22)} + m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{121}^{(21)} + m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{031}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(11)}m_{022}^{(10)} + m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{130}^{(21)} - m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{121}^{(11)}\\
&-m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{040}^{(20)} + m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(21)}m_{031}^{(10)} + m_{000}^{(00)}m_{001}^{(20)}m_{101}^{(10)}m_{020}^{(22)}m_{121}\\
&-m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{112}^{(21)} - m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{022}^{(20)} + m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(10)}m_{013}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{211}^{(22)} + 2m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{112}^{(20)} - m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(11)}m_{013}^{(00)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{211}^{(21)} - m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{121}^{(20)} - m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{112}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{020}^{(21)}m_{022}^{(00)} - m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{130}^{(22)} + m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{112}^{(11)}\\
&+2m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{031}^{(20)} - 2m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(10)}m_{022}^{(10)} + m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{220}^{(22)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{211}^{(21)} - 3m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{121}^{(20)} - m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{112}^{(10)}\\
&+2m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(11)}m_{022}^{(00)} - m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{220}^{(21)} - m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{211}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{130}^{(20)} + 3m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{121}^{(10)} - 2m_{000}^{(00)}m_{001}^{(20)}m_{011}^{(21)}m_{031}^{(00)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{002}^{(10)}m_{130}^{(21)} - m_{000}^{(00)}m_{001}^{(20)}m_{002}^{(10)}m_{121}^{(11)} - m_{000}^{(00)}m_{001}^{(20)}m_{002}^{(10)}m_{040}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(20)}m_{002}^{(10)}m_{031}^{(10)} - m_{000}^{(00)}m_{001}^{(20)}m_{002}^{(11)}m_{220}^{(21)} + m_{000}^{(00)}m_{001}^{(20)}m_{002}^{(11)}m_{130}^{(20)}
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&+m_{000}^{(00)}m_{001}^{(20)}m_{002}^{(11)}m_{121}^{(10)} - m_{000}^{(00)}m_{001}^{(20)}m_{002}^{(11)}m_{031}^{(00)} + m_{000}^{(00)}m_{001}^{(20)}m_{002}^{(21)}m_{220}^{(11)}\\
&-2m_{000}^{(00)}m_{001}^{(20)}m_{002}^{(21)}m_{130}^{(10)} + m_{000}^{(00)}m_{001}^{(20)}m_{002}^{(21)}m_{040}^{(00)} + m_{000}^{(00)}m_{001}^{(21)}m_{010}^{(10)}m_{200}^{(22)}m_{031}\\
&-2m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(10)}m_{022}^{(21)} + m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(10)}m_{013}^{(11)} - m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(11)}m_{121}^{(22)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(11)}m_{112}^{(21)} + m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(11)}m_{022}^{(20)} - m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(11)}m_{013}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(20)}m_{040}^{(22)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(20)}m_{031}^{(21)} + m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(20)}m_{022}^{(11)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(21)}m_{130}^{(22)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(21)}m_{121}^{(21)} - m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(21)}m_{112}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(22)}m_{130}^{(21)} - m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(22)}m_{121}^{(11)} - m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(22)}m_{040}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(22)}m_{031}^{(10)} - m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{121}^{(22)} + m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{112}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{022}^{(20)} - m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(10)}m_{013}^{(10)} + m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(11)}m_{211}^{(22)}\\
&-2m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(11)}m_{112}^{(20)} + m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(11)}m_{013}^{(00)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{130}^{(22)}\\
&+3m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{121}^{(21)} - m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{112}^{(11)} + m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{031}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{022}^{(10)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{220}^{(22)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{211}^{(21)}\\
&-2m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{121}^{(20)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{112}^{(10)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(22)}m_{220}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(22)}m_{211}^{(11)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(22)}m_{130}^{(20)} - m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(22)}m_{031}^{(00)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{130}^{(22)} + 3m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{121}^{(21)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{112}^{(11)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{031}^{(20)} + m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{022}^{(10)} + m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{220}^{(22)}\\
&-2m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{211}^{(21)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{112}^{(10)} - m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{022}^{(00)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(20)}m_{130}^{(21)} - m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(20)}m_{121}^{(11)} - m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(20)}m_{040}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(20)}m_{031}^{(10)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{220}^{(21)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{211}^{(11)}\\
&+2m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{130}^{(20)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{121}^{(10)} + m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(22)}m_{220}^{(11)}\\
&-2m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(22)}m_{130}^{(10)} + m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(22)}m_{040}^{(00)} + m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{220}^{(22)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{211}^{(21)} - m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{121}^{(20)} + m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{112}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{310}^{(22)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{211}^{(20)} - m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{112}^{(00)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{310}^{(21)} - m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{220}^{(20)} - m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{211}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{121}^{(00)} + m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{220}^{(22)} - m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{211}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{121}^{(20)} + m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(10)}m_{112}^{(10)} - m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{310}^{(22)}\\
&+2m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{211}^{(20)} - m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(11)}m_{112}^{(00)} - m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{220}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{211}^{(11)} + m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{130}^{(20)} - m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(20)}m_{121}^{(10)}\\
&+2m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{310}^{(21)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{220}^{(20)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{211}^{(10)}\\
&+2m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(21)}m_{121}^{(00)} - m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(22)}m_{310}^{(11)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(22)}m_{220}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{011}^{(22)}m_{130}^{(00)} - m_{000}^{(00)}m_{001}^{(21)}m_{002}^{(10)}m_{220}^{(21)} + m_{000}^{(00)}m_{001}^{(21)}m_{002}^{(10)}m_{211}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{002}^{(10)}m_{130}^{(20)} - m_{000}^{(00)}m_{001}^{(21)}m_{002}^{(10)}m_{121}^{(10)} + m_{000}^{(00)}m_{001}^{(21)}m_{002}^{(11)}m_{310}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{002}^{(11)}m_{220}^{(20)} - m_{000}^{(00)}m_{001}^{(21)}m_{002}^{(11)}m_{211}^{(10)} + m_{000}^{(00)}m_{001}^{(21)}m_{002}^{(11)}m_{121}^{(00)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{002}^{(21)}m_{310}^{(11)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{002}^{(21)}m_{220}^{(10)} - m_{000}^{(00)}m_{001}^{(21)}m_{002}^{(21)}m_{130}^{(00)}\\
&-m_{000}^{(00)}m_{001}^{(22)}m_{200}^{(10)}m_{040}^{(22)} + 2m_{000}^{(00)}m_{001}^{(22)}m_{200}^{(10)}m_{031}^{(21)} - m_{000}^{(00)}m_{001}^{(22)}m_{200}^{(10)}m_{022}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(22)}m_{200}^{(11)}m_{130}^{(22)} - m_{000}^{(00)}m_{001}^{(22)}m_{200}^{(11)}m_{121}^{(21)} - m_{000}^{(00)}m_{001}^{(22)}m_{200}^{(11)}m_{031}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(22)}m_{200}^{(11)}m_{022}^{(10)} - m_{000}^{(00)}m_{001}^{(22)}m_{200}^{(21)}m_{130}^{(21)} + m_{000}^{(00)}m_{001}^{(22)}m_{200}^{(21)}m_{121}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(22)}m_{200}^{(21)}m_{040}^{(20)} - m_{000}^{(00)}m_{001}^{(22)}m_{200}^{(21)}m_{031}^{(10)} + 2m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{130}^{(22)}
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&-3m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{121}^{(21)} + m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{112}^{(11)} - m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{031}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(10)}m_{022}^{(10)} - 2m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(11)}m_{220}^{(22)} + m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(11)}m_{211}^{(21)}\\
&+3m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(11)}m_{121}^{(20)} - m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(11)}m_{112}^{(10)} - m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(11)}m_{022}^{(00)}\\
&+2m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(21)}m_{220}^{(21)} - m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(21)}m_{211}^{(11)} - 2m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(21)}m_{130}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(22)}m_{110}^{(21)}m_{031}^{(00)} - m_{000}^{(00)}m_{001}^{(22)}m_{101}^{(10)}m_{130}^{(21)} + m_{000}^{(00)}m_{001}^{(22)}m_{101}^{(10)}m_{121}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(22)}m_{101}^{(10)}m_{040}^{(20)} - m_{000}^{(00)}m_{001}^{(22)}m_{101}^{(10)}m_{031}^{(10)} + m_{000}^{(00)}m_{001}^{(22)}m_{101}^{(11)}m_{220}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(22)}m_{101}^{(11)}m_{130}^{(20)} - m_{000}^{(00)}m_{001}^{(22)}m_{101}^{(11)}m_{121}^{(10)} + m_{000}^{(00)}m_{001}^{(22)}m_{101}^{(11)}m_{031}^{(00)}\\
&-m_{000}^{(00)}m_{001}^{(22)}m_{101}^{(21)}m_{220}^{(11)} + 2m_{000}^{(00)}m_{001}^{(22)}m_{101}^{(21)}m_{130}^{(10)} - m_{000}^{(00)}m_{001}^{(22)}m_{101}^{(21)}m_{040}^{(00)}\\
&-m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(10)}m_{220}^{(22)} + m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(10)}m_{211}^{(21)} + m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(10)}m_{121}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(10)}m_{112}^{(10)} + m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(11)}m_{310}^{(22)} - 2m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(11)}m_{211}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(11)}m_{112}^{(00)} - m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(21)}m_{310}^{(21)} + m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(21)}m_{220}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(21)}m_{211}^{(10)} - m_{000}^{(00)}m_{001}^{(22)}m_{020}^{(21)}m_{121}^{(00)} + m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(10)}m_{220}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(10)}m_{211}^{(11)} - m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(10)}m_{130}^{(20)} + m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(10)}m_{121}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(11)}m_{310}^{(21)} + m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(11)}m_{220}^{(20)} + m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(11)}m_{211}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(11)}m_{121}^{(00)} + m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(21)}m_{310}^{(11)} - 2m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(21)}m_{220}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(22)}m_{011}^{(21)}m_{130}^{(00)} + m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(20)}m_{022}^{(22)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(20)}m_{013}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(20)}m_{004}^{(11)} - m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(21)}m_{112}^{(22)} + m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(21)}m_{103}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(21)}m_{013}^{(20)} - m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(21)}m_{004}^{(10)} + m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(22)}m_{112}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(22)}m_{103}^{(11)} - m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(22)}m_{022}^{(20)} + m_{000}^{(10)}m_{100}^{(10)}m_{110}^{(22)}m_{013}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(20)}m_{031}^{(22)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(20)}m_{022}^{(21)} - m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(20)}m_{013}^{(11)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(21)}m_{121}^{(22)} - m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(21)}m_{112}^{(21)} - m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(21)}m_{022}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(21)}m_{013}^{(10)} - m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(22)}m_{121}^{(21)} + m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(22)}m_{112}^{(11)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(22)}m_{031}^{(20)} - m_{000}^{(10)}m_{100}^{(10)}m_{101}^{(22)}m_{022}^{(10)} - m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(20)}m_{112}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(20)}m_{103}^{(21)} + m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(20)}m_{013}^{(20)} - m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(20)}m_{004}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(21)}m_{202}^{(22)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(21)}m_{103}^{(20)} + m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(21)}m_{004}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(22)}m_{202}^{(21)} + m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(22)}m_{112}^{(20)} + m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(22)}m_{103}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{020}^{(22)}m_{013}^{(00)} + m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(20)}m_{121}^{(22)} - m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(20)}m_{103}^{(11)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(20)}m_{022}^{(20)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(20)}m_{013}^{(10)} - m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(21)}m_{211}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(21)}m_{202}^{(21)} + 3m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(21)}m_{112}^{(20)} + m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(21)}m_{103}^{(10)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(21)}m_{013}^{(00)} + m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(22)}m_{211}^{(21)} + m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(22)}m_{202}^{(11)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(22)}m_{121}^{(20)} - 3m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(22)}m_{112}^{(10)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{011}^{(22)}m_{022}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(20)}m_{121}^{(21)} + m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(20)}m_{112}^{(11)} + m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(20)}m_{031}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(20)}m_{022}^{(10)} + m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(21)}m_{211}^{(21)} - m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(21)}m_{121}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(21)}m_{112}^{(10)} + m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(21)}m_{022}^{(00)} - m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(22)}m_{211}^{(11)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(22)}m_{121}^{(10)} - m_{000}^{(10)}m_{100}^{(10)}m_{002}^{(22)}m_{031}^{(00)} - m_{000}^{(10)}m_{100}^{(11)}m_{200}^{(20)}m_{022}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(11)}m_{200}^{(20)}m_{013}^{(21)} - m_{000}^{(10)}m_{100}^{(11)}m_{200}^{(20)}m_{004}^{(11)} + m_{000}^{(10)}m_{100}^{(11)}m_{200}^{(21)}m_{112}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{200}^{(21)}m_{103}^{(21)} - m_{000}^{(10)}m_{100}^{(11)}m_{200}^{(21)}m_{013}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{200}^{(21)}m_{004}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{200}^{(22)}m_{112}^{(21)} + m_{000}^{(10)}m_{100}^{(11)}m_{200}^{(22)}m_{103}^{(11)} + m_{000}^{(10)}m_{100}^{(11)}m_{200}^{(22)}m_{022}^{(20)}
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&-m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(20)}m_{013}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(20)}m_{004}^{(10)} - m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(21)}m_{202}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(21)}m_{103}^{(20)} - m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(21)}m_{004}^{(00)} + m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(22)}m_{202}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(22)}m_{112}^{(20)} - m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(22)}m_{103}^{(10)} + m_{000}^{(10)}m_{100}^{(11)}m_{110}^{(22)}m_{013}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(20)}m_{121}^{(22)} - 3m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(20)}m_{112}^{(21)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(20)}m_{103}^{(11)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(20)}m_{022}^{(20)} - m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(20)}m_{013}^{(10)} - m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(21)}m_{211}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(21)}m_{202}^{(21)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(21)}m_{103}^{(10)} + m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(21)}m_{013}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(22)}m_{211}^{(21)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(22)}m_{202}^{(11)} - m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(22)}m_{121}^{(20)}\\
&+3m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(22)}m_{112}^{(10)} - m_{000}^{(10)}m_{100}^{(11)}m_{101}^{(22)}m_{022}^{(00)} - m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(20)}m_{211}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(20)}m_{202}^{(21)} + m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(20)}m_{112}^{(20)} - m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(20)}m_{103}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(21)}m_{301}^{(22)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(21)}m_{202}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{011}^{(21)}m_{103}^{(00)}\\
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&+m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(22)}m_{301}^{(11)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(22)}m_{211}^{(10)} + m_{000}^{(10)}m_{100}^{(11)}m_{002}^{(22)}m_{121}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(10)}m_{022}^{(22)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(10)}m_{013}^{(21)} - m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(10)}m_{004}^{(11)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(11)}m_{112}^{(22)} - m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(11)}m_{103}^{(21)} - m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(11)}m_{013}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(11)}m_{004}^{(10)} - m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{112}^{(21)} + m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{103}^{(11)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{022}^{(20)} - m_{000}^{(10)}m_{100}^{(20)}m_{110}^{(21)}m_{013}^{(10)} + m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(10)}m_{031}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(10)}m_{022}^{(21)} + m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(10)}m_{013}^{(11)} - m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(11)}m_{121}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(11)}m_{112}^{(21)} + m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(11)}m_{022}^{(20)} - m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(11)}m_{013}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{121}^{(21)} - m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{112}^{(11)} - m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{031}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{101}^{(21)}m_{022}^{(10)} + m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(10)}m_{112}^{(22)} - m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(10)}m_{103}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(10)}m_{013}^{(20)} + m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(10)}m_{004}^{(10)} - m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(11)}m_{202}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(11)}m_{103}^{(20)} - m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(11)}m_{004}^{(00)} + m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(21)}m_{202}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(21)}m_{112}^{(20)} - m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(21)}m_{103}^{(10)} + m_{000}^{(10)}m_{100}^{(20)}m_{020}^{(21)}m_{013}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(10)}m_{121}^{(22)} + m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(10)}m_{103}^{(11)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(10)}m_{022}^{(20)}\\
&-2m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(10)}m_{013}^{(10)} + m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(11)}m_{211}^{(22)} + m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(11)}m_{202}^{(21)}\\
&-3m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(11)}m_{112}^{(20)} - m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(11)}m_{103}^{(10)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(11)}m_{013}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{211}^{(21)} - m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{202}^{(11)} + m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{121}^{(20)}\\
&+3m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{112}^{(10)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{011}^{(21)}m_{022}^{(00)} + m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(10)}m_{002}^{(21)}m_{121}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(10)}m_{112}^{(11)} - m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(10)}m_{031}^{(20)} + m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(10)}m_{022}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(11)}m_{211}^{(21)} + m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(11)}m_{121}^{(20)} + m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(11)}m_{112}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(11)}m_{022}^{(00)} + m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(21)}m_{211}^{(11)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(21)}m_{121}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{002}^{(21)}m_{031}^{(00)} + m_{000}^{(10)}m_{100}^{(21)}m_{200}^{(10)}m_{022}^{(22)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{200}^{(10)}m_{013}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{200}^{(10)}m_{004}^{(11)} - m_{000}^{(10)}m_{100}^{(21)}m_{200}^{(11)}m_{112}^{(22)} + m_{000}^{(10)}m_{100}^{(21)}m_{200}^{(11)}m_{103}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{200}^{(11)}m_{013}^{(20)} - m_{000}^{(10)}m_{100}^{(21)}m_{200}^{(11)}m_{004}^{(10)} + m_{000}^{(10)}m_{100}^{(21)}m_{200}^{(20)}m_{031}^{(22)}
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&-2m_{000}^{(10)}m_{100}^{(21)}m_{200}^{(20)}m_{022}^{(21)} + m_{000}^{(10)}m_{100}^{(21)}m_{200}^{(20)}m_{013}^{(11)} - m_{000}^{(10)}m_{100}^{(21)}m_{200}^{(21)}m_{121}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{200}^{(21)}m_{112}^{(21)} - m_{000}^{(10)}m_{100}^{(21)}m_{200}^{(21)}m_{103}^{(11)} + m_{000}^{(10)}m_{100}^{(21)}m_{200}^{(22)}m_{121}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{200}^{(22)}m_{112}^{(11)} - m_{000}^{(10)}m_{100}^{(21)}m_{200}^{(22)}m_{031}^{(20)} + m_{000}^{(10)}m_{100}^{(21)}m_{200}^{(22)}m_{022}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(10)}m_{112}^{(22)} + m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(10)}m_{103}^{(21)} + m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(10)}m_{013}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(10)}m_{004}^{(10)} + m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(11)}m_{202}^{(22)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(11)}m_{103}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(11)}m_{004}^{(00)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(20)}m_{121}^{(22)} + 3m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(20)}m_{112}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(20)}m_{103}^{(11)} + m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(20)}m_{022}^{(20)} - m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(20)}m_{013}^{(10)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{211}^{(22)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{202}^{(21)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{112}^{(20)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{103}^{(10)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(22)}m_{211}^{(21)} + m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(22)}m_{202}^{(11)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(22)}m_{121}^{(20)} - m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(22)}m_{022}^{(00)} - m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(10)}m_{121}^{(22)}\\
&+3m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(10)}m_{112}^{(21)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(10)}m_{103}^{(11)} - m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(10)}m_{022}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(10)}m_{013}^{(10)} + m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(11)}m_{211}^{(22)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(11)}m_{202}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(11)}m_{103}^{(10)} - m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(11)}m_{013}^{(00)} + m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(20)}m_{121}^{(21)}\\
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&+m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(22)}m_{031}^{(00)} + m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(20)}m_{211}^{(22)} - m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(20)}m_{202}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(20)}m_{112}^{(20)} + m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(20)}m_{103}^{(10)} - m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(21)}m_{301}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(21)}m_{202}^{(20)} - m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(21)}m_{103}^{(00)} + m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(22)}m_{301}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(22)}m_{211}^{(20)} - m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(22)}m_{202}^{(10)} + m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(22)}m_{112}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{211}^{(22)} - m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{202}^{(21)} - m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{112}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{103}^{(10)} - m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(11)}m_{301}^{(22)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(11)}m_{202}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(11)}m_{103}^{(00)} - m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{211}^{(21)} + m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{202}^{(11)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{121}^{(20)} - m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{112}^{(10)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{301}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{211}^{(20)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{202}^{(10)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(21)}m_{112}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(22)}m_{301}^{(11)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(22)}m_{211}^{(10)} - m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(22)}m_{121}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{211}^{(21)} + m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{202}^{(11)} + m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{121}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{112}^{(10)} + m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(11)}m_{301}^{(21)} - m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(11)}m_{211}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(11)}m_{202}^{(10)} + m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(11)}m_{112}^{(00)} - m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(21)}m_{301}^{(11)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(21)}m_{211}^{(10)} - m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(21)}m_{121}^{(00)} - m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(10)}m_{031}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(10)}m_{022}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(10)}m_{013}^{(11)} + m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(11)}m_{121}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(11)}m_{112}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(11)}m_{022}^{(20)} + m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(11)}m_{013}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(21)}m_{121}^{(21)} + m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(21)}m_{112}^{(11)} + m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(21)}m_{031}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(21)}m_{022}^{(10)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(10)}m_{121}^{(22)} - 3m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(10)}m_{112}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(10)}m_{103}^{(11)} - m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(10)}m_{022}^{(20)} + m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(10)}m_{013}^{(10)}\\
&-2m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(11)}m_{211}^{(22)} + m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(11)}m_{202}^{(21)} + 3m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(11)}m_{112}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(11)}m_{103}^{(10)} - m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(11)}m_{013}^{(00)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{211}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{202}^{(11)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{121}^{(20)} + m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{022}^{(00)}
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&-m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(10)}m_{121}^{(21)}+m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(10)}m_{112}^{(11)}+m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(10)}m_{031}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(10)}m_{022}^{(10)}+m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(11)}m_{211}^{(21)}-m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(11)}m_{121}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(11)}m_{112}^{(10)}+m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(11)}m_{022}^{(00)}-m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(21)}m_{211}^{(11)}\\
&+2m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(21)}m_{121}^{(10)}-m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(21)}m_{031}^{(00)}-m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(10)}m_{211}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(10)}m_{202}^{(21)}+m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(10)}m_{112}^{(20)}-m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(10)}m_{103}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(11)}m_{301}^{(22)}-2m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(11)}m_{202}^{(20)}+m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(11)}m_{103}^{(00)}\\
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&+m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(11)}m_{211}^{(20)}+m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(11)}m_{202}^{(10)}-m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(11)}m_{112}^{(00)}\\
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&+m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(20)}m_{022}^{(22)}-2m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(20)}m_{013}^{(21)}+m_{000}^{(10)}m_{010}^{(00)}m_{110}^{(20)}m_{004}^{(11)}\\
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&+2m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(20)}m_{022}^{(21)}-m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(20)}m_{013}^{(11)}+m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(21)}m_{121}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(21)}m_{112}^{(21)}-m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(21)}m_{022}^{(20)}+m_{000}^{(10)}m_{010}^{(00)}m_{101}^{(21)}m_{013}^{(10)}\\
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&+m_{000}^{(10)}m_{010}^{(00)}m_{020}^{(20)}m_{013}^{(20)}-m_{000}^{(10)}m_{010}^{(00)}m_{020}^{(20)}m_{004}^{(10)}+m_{000}^{(10)}m_{010}^{(00)}m_{020}^{(21)}m_{202}^{(22)}\\
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&+m_{000}^{(10)}m_{010}^{(00)}m_{020}^{(22)}m_{112}^{(20)}+m_{000}^{(10)}m_{010}^{(00)}m_{020}^{(22)}m_{103}^{(10)}-m_{000}^{(10)}m_{010}^{(00)}m_{020}^{(22)}m_{013}^{(00)}\\
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&+2m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(20)}m_{013}^{(10)}-m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{211}^{(22)}-m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{202}^{(21)}\\
&+3m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{112}^{(20)}+m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{103}^{(10)}-2m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(21)}m_{013}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(22)}m_{211}^{(21)}+m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(22)}m_{202}^{(11)}-m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(22)}m_{121}^{(20)}\\
&-3m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(22)}m_{112}^{(10)}+2m_{000}^{(10)}m_{010}^{(00)}m_{011}^{(22)}m_{022}^{(00)}-m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(20)}m_{121}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(20)}m_{112}^{(11)}+m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(20)}m_{031}^{(20)}-m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(20)}m_{022}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(21)}m_{211}^{(21)}-m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(21)}m_{121}^{(20)}-m_{000}^{(10)}m_{010}^{(00)}m_{002}^{(21)}m_{112}^{(10)}\\
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&+m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(22)}m_{103}^{(11)}+m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(22)}m_{022}^{(20)}-m_{000}^{(10)}m_{010}^{(10)}m_{200}^{(22)}m_{013}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(20)}m_{112}^{(22)}-m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(20)}m_{103}^{(21)}-m_{000}^{(10)}m_{010}^{(10)}m_{110}^{(20)}m_{013}^{(20)}\\
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&-3m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(20)}m_{112}^{(21)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(20)}m_{103}^{(11)} + m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(20)}m_{022}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(20)}m_{013}^{(10)} - m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(21)}m_{211}^{(22)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(21)}m_{202}^{(21)}\\
&-2m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(21)}m_{103}^{(10)} + m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(21)}m_{013}^{(00)} + m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{211}^{(21)}\\
&-2m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{202}^{(11)} - m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{121}^{(20)} + 3m_{000}^{(10)}m_{010}^{(10)}m_{101}^{(22)}m_{112}^{(10)}\\
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&+m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(20)}m_{112}^{(20)} - m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(20)}m_{103}^{(10)} + m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(21)}m_{301}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(21)}m_{202}^{(20)} + m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(21)}m_{103}^{(00)} - m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(22)}m_{301}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(22)}m_{211}^{(20)} + m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(22)}m_{202}^{(10)} - m_{000}^{(10)}m_{010}^{(10)}m_{011}^{(22)}m_{112}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(20)}m_{211}^{(21)} - m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(20)}m_{202}^{(11)} - m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(20)}m_{121}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(20)}m_{112}^{(10)} - m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(21)}m_{301}^{(21)} + m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(21)}m_{211}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(21)}m_{202}^{(10)} - m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(21)}m_{112}^{(00)} + m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(22)}m_{301}^{(11)}\\
&-2m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(22)}m_{211}^{(10)} + m_{000}^{(10)}m_{010}^{(10)}m_{002}^{(22)}m_{121}^{(00)} + m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(20)}m_{031}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(20)}m_{022}^{(21)} + m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(20)}m_{013}^{(11)} - m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{121}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{112}^{(21)} + m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{022}^{(20)} - m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{013}^{(10)}\\
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&+m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(22)}m_{022}^{(10)} - m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(00)}m_{022}^{(22)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(00)}m_{013}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(00)}m_{004}^{(11)} + m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(10)}m_{112}^{(22)} - m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(10)}m_{103}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(10)}m_{013}^{(20)} + m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(10)}m_{004}^{(10)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{121}^{(22)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{112}^{(21)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{022}^{(20)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{013}^{(10)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{211}^{(22)} - m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{202}^{(21)} - 3m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{112}^{(20)}\\
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&+m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{211}^{(22)} + m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{202}^{(21)} - 3m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{112}^{(20)}\\
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&+m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{301}^{(21)} - m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{211}^{(20)} - m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{202}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(21)}m_{112}^{(00)} - m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{301}^{(11)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{211}^{(10)}\\
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&+m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(00)}m_{103}^{(10)} - m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(10)}m_{301}^{(22)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(10)}m_{202}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(10)}m_{103}^{(00)} + m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{301}^{(21)} - m_{000}^{(10)}m_{010}^{(21)}m_{011}^{(20)}m_{211}^{(20)}\\
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&+m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{301}^{(21)} - m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{211}^{(20)} - m_{000}^{(10)}m_{010}^{(21)}m_{002}^{(10)}m_{202}^{(10)}\\
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&-m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(00)}m_{013}^{(11)} + m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(10)}m_{121}^{(22)} - m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(10)}m_{112}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(10)}m_{022}^{(20)} + m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(10)}m_{013}^{(10)} - m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(20)}m_{121}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(20)}m_{112}^{(11)} + m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(20)}m_{031}^{(20)} - m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(20)}m_{022}^{(10)}\\
&+2m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(00)}m_{121}^{(22)} - 3m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(00)}m_{112}^{(21)} + m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(00)}m_{103}^{(11)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(00)}m_{022}^{(20)} + m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(00)}m_{013}^{(10)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{211}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{202}^{(21)} + 3m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{112}^{(20)} - m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{103}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(10)}m_{013}^{(00)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{211}^{(21)} - m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{202}^{(11)}\\
&-2m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{121}^{(20)} + m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{022}^{(00)} - m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(00)}m_{121}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(00)}m_{112}^{(11)} + m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(00)}m_{031}^{(20)} - m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(00)}m_{022}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{211}^{(21)} - m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{121}^{(20)} - m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{112}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{022}^{(00)} - m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{211}^{(11)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{121}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(20)}m_{031}^{(00)} - m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(00)}m_{211}^{(22)} + m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(00)}m_{202}^{(21)}
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&+m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(00)}m_{112}^{(20)} - m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(00)}m_{103}^{(10)} + m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(10)}m_{301}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(10)}m_{202}^{(20)} + m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(10)}m_{103}^{(00)} - m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(20)}m_{301}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(20)}m_{211}^{(20)} + m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(20)}m_{202}^{(10)} - m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(20)}m_{112}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{211}^{(21)} - m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{202}^{(11)} - m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{121}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{112}^{(10)} - m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{301}^{(21)} + m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{211}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{202}^{(10)} - m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{112}^{(00)} + m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{301}^{(11)}\\
&-2m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{211}^{(10)} + m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{121}^{(00)} - m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(20)}m_{031}^{(22)}\\
&+2m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(20)}m_{022}^{(21)} - m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(20)}m_{013}^{(11)} + m_{000}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{121}^{(22)}\\
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&+m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(22)}m_{220}^{(11)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(22)}m_{130}^{(10)} + m_{000}^{(10)}m_{001}^{(00)}m_{002}^{(22)}m_{040}^{(00)}\\
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&+3m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{112}^{(21)} - m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{103}^{(11)} + m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{022}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{013}^{(10)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{211}^{(22)} - m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{202}^{(21)}\\
&-3m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{112}^{(20)} + m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{103}^{(10)} + m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{013}^{(00)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{211}^{(21)} + m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{202}^{(11)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{121}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{022}^{(00)} + m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{121}^{(21)} - m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{112}^{(11)}\\
&-m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{031}^{(20)} + m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{022}^{(10)} - m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{211}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{121}^{(20)} + m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{112}^{(10)} - m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{022}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{211}^{(11)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{121}^{(10)} + m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{031}^{(00)}
\end{aligned}
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$$+m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{211}^{(22)} - m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{202}^{(21)} - m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{112}^{(20)}$$
$$+m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{103}^{(10)} - m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(21)}m_{301}^{(22)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(21)}m_{202}^{(20)}$$
$$-m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(21)}m_{103}^{(00)} + m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(22)}m_{301}^{(21)} - m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(22)}m_{211}^{(20)}$$
$$-m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(22)}m_{202}^{(10)} + m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(22)}m_{112}^{(00)} - m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{211}^{(21)}$$
$$+m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{202}^{(11)} + m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{121}^{(20)} - m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{112}^{(10)}$$
$$+m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{301}^{(21)} - m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{211}^{(20)} - m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{202}^{(10)}$$
$$+m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{112}^{(00)} - m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{301}^{(11)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{211}^{(10)}$$
$$-m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{121}^{(00)} + m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{121}^{(22)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{112}^{(21)}$$
$$+m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{103}^{(11)} - m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{211}^{(22)} + m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{202}^{(21)}$$
$$+m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{112}^{(20)} - m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{103}^{(10)} + m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{211}^{(21)}$$
$$-m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{202}^{(11)} - m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{121}^{(20)} + m_{000}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{112}^{(10)}$$
$$-m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{211}^{(22)} + m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{202}^{(21)} + m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{112}^{(20)}$$
$$-m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{103}^{(10)} + m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(21)}m_{301}^{(22)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(21)}m_{202}^{(20)}$$
$$+m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(21)}m_{103}^{(00)} - m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{301}^{(21)} + m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{211}^{(20)}$$
$$+m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{202}^{(10)} - m_{000}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{112}^{(00)} - m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{220}^{(22)}$$
$$+3m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{211}^{(21)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{202}^{(11)} - m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{121}^{(20)}$$
$$+m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(20)}m_{112}^{(10)} + m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{310}^{(22)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{301}^{(21)}$$
$$+2m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{202}^{(10)} - m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{112}^{(00)} - m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{310}^{(21)}$$
$$+2m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{301}^{(11)} + m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{220}^{(20)} - 3m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{211}^{(10)}$$
$$+m_{000}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{121}^{(00)} + m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{310}^{(22)} - m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{301}^{(21)}$$
$$-m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{211}^{(20)} + m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(20)}m_{202}^{(10)} - m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(21)}m_{400}^{(22)}$$
$$+2m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(21)}m_{301}^{(20)} - m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(21)}m_{202}^{(00)} + m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(22)}m_{400}^{(21)}$$
$$-m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(22)}m_{310}^{(20)} - m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(22)}m_{301}^{(10)} + m_{000}^{(10)}m_{001}^{(11)}m_{011}^{(22)}m_{211}^{(00)}$$
$$-m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{310}^{(21)} + m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{301}^{(11)} + m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{220}^{(20)}$$
$$-m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(20)}m_{211}^{(10)} + m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(21)}m_{400}^{(21)} - m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(21)}m_{310}^{(20)}$$
$$-m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(21)}m_{301}^{(10)} + m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(21)}m_{211}^{(00)} - m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(22)}m_{400}^{(11)}$$
$$+2m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(22)}m_{310}^{(10)} - m_{000}^{(10)}m_{001}^{(11)}m_{002}^{(22)}m_{220}^{(00)} - m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(20)}m_{040}^{(22)}$$
$$+2m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(20)}m_{031}^{(21)} - m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(20)}m_{022}^{(11)} + m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{130}^{(22)}$$
$$-m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{121}^{(21)} - m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{031}^{(20)} + m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{022}^{(10)}$$
$$-m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(22)}m_{130}^{(21)} + m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(22)}m_{121}^{(11)} + m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(22)}m_{040}^{(20)}$$
$$-m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(22)}m_{031}^{(10)} + m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(00)}m_{031}^{(22)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(00)}m_{022}^{(21)}$$
$$+m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(00)}m_{013}^{(11)} - m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{112}^{(21)} + m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{103}^{(11)}$$
$$+m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{022}^{(20)} - m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{013}^{(10)} - m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{211}^{(22)}$$
$$+m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{202}^{(21)} + m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{112}^{(20)} - m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{103}^{(10)}$$
$$+2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{130}^{(22)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{121}^{(21)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{031}^{(20)}$$
$$+2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{022}^{(10)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{220}^{(22)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{211}^{(21)}$$
$$-m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{202}^{(11)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{121}^{(20)} - m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{022}^{(00)}$$
$$+2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{220}^{(21)} - m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{211}^{(11)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{130}^{(20)}$$

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\begin{aligned}
&+m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{031}^{(00)} - m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(00)}m_{040}^{(22)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(00)}m_{031}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(00)}m_{022}^{(11)} + m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{121}^{(21)} - m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{112}^{(11)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{031}^{(20)} + m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{022}^{(10)} + m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{220}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{211}^{(21)} - m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{121}^{(20)} + m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{112}^{(10)}\\
&-2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{130}^{(21)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{121}^{(11)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{040}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{031}^{(10)} + m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{211}^{(11)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{121}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{031}^{(00)} - m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(22)}m_{220}^{(11)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(22)}m_{130}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(22)}m_{040}^{(00)} - m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{121}^{(22)} + m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{112}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{022}^{(20)} - m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{013}^{(10)} + m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{202}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{112}^{(20)} - m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{103}^{(10)} + m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{013}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(11)}m_{301}^{(22)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(11)}m_{202}^{(20)} + m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(11)}m_{103}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{220}^{(22)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{121}^{(20)} - m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{022}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{310}^{(22)} - m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{301}^{(21)} - m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{211}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{202}^{(10)} - m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(22)}m_{310}^{(21)} + m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(22)}m_{220}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(22)}m_{211}^{(10)} - m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(22)}m_{121}^{(00)} + m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(00)}m_{011}^{(22)}m_{130}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{112}^{(10)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(00)}m_{011}^{(20)}m_{031}^{(10)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{022}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{211}^{(10)} - m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{202}^{(10)} + m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{121}^{(20)}\\
&+3m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{112}^{(10)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(10)}m_{011}^{(00)}m_{022}^{(10)} - m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(11)}m_{011}^{(22)}m_{310}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(11)}m_{011}^{(21)}m_{301}^{(10)} + 3m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{211}^{(10)} + m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{202}^{(10)}\\
&-2m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(11)}m_{011}^{(00)}m_{112}^{(10)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(20)}m_{011}^{(21)}m_{220}^{(10)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(20)}m_{011}^{(20)}m_{130}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{121}^{(10)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(20)}m_{011}^{(00)}m_{031}^{(10)} + m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{011}^{(11)}m_{301}^{(10)}\\
&-2m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{211}^{(10)} + m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{121}^{(10)} + m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(22)}m_{011}^{(11)}m_{310}^{(10)}\\
&-2m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(22)}m_{011}^{(10)}m_{220}^{(10)} + m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(22)}m_{011}^{(00)}m_{130}^{(10)} - m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(00)}m_{002}^{(21)}m_{130}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(00)}m_{002}^{(11)}m_{121}^{(10)} + m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(00)}m_{002}^{(20)}m_{040}^{(10)} - m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(00)}m_{002}^{(10)}m_{031}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(10)}m_{002}^{(11)}m_{211}^{(10)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{121}^{(10)} + m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(10)}m_{002}^{(10)}m_{031}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(11)}m_{002}^{(21)}m_{310}^{(10)} - m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(11)}m_{002}^{(20)}m_{220}^{(10)} - m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(11)}m_{002}^{(10)}m_{211}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(11)}m_{002}^{(00)}m_{121}^{(20)} - m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(20)}m_{002}^{(11)}m_{220}^{(10)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(20)}m_{002}^{(20)}m_{130}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(20)}m_{002}^{(00)}m_{040}^{(20)} - m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{002}^{(11)}m_{310}^{(10)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{002}^{(10)}m_{220}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{002}^{(00)}m_{130}^{(20)} - m_{000}^{(10)}m_{001}^{(21)}m_{001}^{(00)}m_{200}^{(22)}m_{031}^{(10)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{001}^{(00)}m_{200}^{(21)}m_{022}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{001}^{(00)}m_{200}^{(11)}m_{013}^{(20)} + m_{000}^{(10)}m_{001}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{112}^{(10)} - m_{000}^{(10)}m_{001}^{(21)}m_{001}^{(10)}m_{200}^{(11)}m_{103}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{022}^{(10)} + m_{000}^{(10)}m_{001}^{(21)}m_{001}^{(10)}m_{200}^{(10)}m_{013}^{(10)} + m_{000}^{(10)}m_{001}^{(21)}m_{001}^{(11)}m_{200}^{(22)}m_{211}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{001}^{(11)}m_{200}^{(21)}m_{202}^{(10)} - m_{000}^{(10)}m_{001}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{112}^{(10)} + m_{000}^{(10)}m_{001}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{103}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{001}^{(20)}m_{200}^{(22)}m_{130}^{(10)} + m_{000}^{(10)}m_{001}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{121}^{(10)} + m_{000}^{(10)}m_{001}^{(21)}m_{001}^{(20)}m_{200}^{(20)}m_{031}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{022}^{(10)} + m_{000}^{(10)}m_{001}^{(21)}m_{001}^{(21)}m_{200}^{(22)}m_{220}^{(10)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{001}^{(21)}m_{200}^{(21)}m_{211}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{001}^{(21)}m_{200}^{(11)}m_{202}^{(10)} - m_{000}^{(10)}m_{001}^{(21)}m_{001}^{(22)}m_{200}^{(21)}m_{220}^{(10)} + m_{000}^{(10)}m_{001}^{(21)}m_{001}^{(22)}m_{200}^{(11)}m_{211}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{001}^{(22)}m_{200}^{(20)}m_{130}^{(10)} - m_{000}^{(10)}m_{001}^{(21)}m_{001}^{(22)}m_{200}^{(10)}m_{121}^{(10)} + m_{000}^{(10)}m_{001}^{(21)}m_{001}^{(00)}m_{110}^{(22)}m_{121}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{112}^{(10)} - m_{000}^{(10)}m_{001}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{022}^{(10)} + m_{000}^{(10)}m_{001}^{(21)}m_{001}^{(00)}m_{110}^{(10)}m_{013}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{202}^{(10)} + m_{000}^{(10)}m_{001}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{112}^{(10)} + m_{000}^{(10)}m_{001}^{(21)}m_{001}^{(10)}m_{110}^{(10)}m_{103}^{(10)}
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&-m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{013}^{(00)} - m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(11)}m_{301}^{(22)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(11)}m_{202}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(11)}m_{103}^{(00)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{220}^{(22)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{211}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{202}^{(11)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{121}^{(20)} + m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{022}^{(00)}\\
&-2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{310}^{(22)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{301}^{(21)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{211}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{202}^{(10)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{310}^{(21)} - m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{301}^{(11)}\\
&-2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{220}^{(20)} + m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{121}^{(00)} + m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{130}^{(22)}\\
&-3m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{121}^{(21)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{112}^{(11)} + m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{031}^{(20)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{022}^{(10)} - m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{211}^{(21)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{202}^{(11)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{121}^{(20)} - 3m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{112}^{(10)} + m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{022}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{310}^{(22)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{301}^{(21)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{202}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{112}^{(00)} - m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{211}^{(11)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{121}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{031}^{(00)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{310}^{(21)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{301}^{(11)}\\
&-2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{220}^{(20)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{211}^{(10)} - m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(22)}m_{310}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(22)}m_{220}^{(10)} - m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(22)}m_{130}^{(00)} - m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{310}^{(22)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{301}^{(21)} + m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{211}^{(20)} - m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{202}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(21)}m_{400}^{(22)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(21)}m_{301}^{(20)} + m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(21)}m_{202}^{(00)}\\
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&+m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{121}^{(20)} - m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{112}^{(10)} + m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{301}^{(21)}\\
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&+m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(11)}m_{400}^{(21)} - m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(11)}m_{310}^{(20)} - m_{000}^{(10)}m_{001}^{(22)}m_{011}^{(11)}m_{301}^{(10)}\\
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&-m_{000}^{(11)}m_{100}^{(00)}m_{020}^{(20)}m_{103}^{(21)} - m_{000}^{(11)}m_{100}^{(00)}m_{020}^{(20)}m_{013}^{(20)} + m_{000}^{(11)}m_{100}^{(00)}m_{020}^{(20)}m_{004}^{(10)}\\
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&+2m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(20)}m_{022}^{(20)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(20)}m_{013}^{(10)} + m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(21)}m_{211}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(21)}m_{202}^{(21)} - 3m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(21)}m_{112}^{(20)} - m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(21)}m_{103}^{(10)}\\
&+2m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(21)}m_{013}^{(00)} - m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(22)}m_{211}^{(21)} - m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(22)}m_{202}^{(11)}
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&+m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(22)}m_{121}^{(20)}+3m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(22)}m_{112}^{(10)}-2m_{000}^{(11)}m_{100}^{(00)}m_{011}^{(22)}m_{022}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(20)}m_{121}^{(21)}-m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(20)}m_{112}^{(11)}-m_{000}^{(11)}m_{100}^{(00)}m_{002}^{(20)}m_{031}^{(20)}\\
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&+2m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(20)}m_{121}^{(22)}-2m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(20)}m_{112}^{(21)}-2m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(20)}m_{022}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(20)}m_{013}^{(10)}-2m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(21)}m_{211}^{(22)}+m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(21)}m_{202}^{(21)}\\
&+3m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(21)}m_{112}^{(20)}-m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(21)}m_{103}^{(10)}-m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(21)}m_{013}^{(00)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(22)}m_{211}^{(21)}-m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(22)}m_{202}^{(11)}-2m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(22)}m_{121}^{(20)}\\
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&+2m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(20)}m_{112}^{(11)}+2m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(20)}m_{031}^{(20)}-2m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(20)}m_{022}^{(10)}
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&+m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(21)}m_{211}^{(21)} - m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(21)}m_{121}^{(20)} - m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(21)}m_{112}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(21)}m_{022}^{(00)} - m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(22)}m_{211}^{(11)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(22)}m_{121}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(22)}m_{031}^{(00)} - m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(00)}m_{112}^{(22)} + m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(00)}m_{103}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(00)}m_{013}^{(20)} - m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(00)}m_{004}^{(10)} + m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(10)}m_{202}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(10)}m_{103}^{(20)} + m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(10)}m_{004}^{(00)} - m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(20)}m_{211}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(20)}m_{112}^{(20)} - m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(20)}m_{013}^{(00)} + m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(21)}m_{301}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(21)}m_{202}^{(20)} + m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(21)}m_{103}^{(00)} - m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(22)}m_{301}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(22)}m_{211}^{(20)} + m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(22)}m_{202}^{(10)} - m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(22)}m_{112}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(00)}m_{121}^{(22)} - m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(00)}m_{103}^{(11)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(00)}m_{022}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(00)}m_{013}^{(10)} - m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(10)}m_{211}^{(22)} - m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(10)}m_{202}^{(21)}\\
&+3m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(10)}m_{112}^{(20)} + m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(10)}m_{103}^{(10)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(10)}m_{013}^{(00)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{211}^{(21)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{121}^{(20)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{112}^{(10)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{022}^{(00)} - m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(21)}m_{301}^{(21)} + m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(21)}m_{211}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(21)}m_{202}^{(10)} - m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(21)}m_{112}^{(00)} + m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(22)}m_{301}^{(11)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(22)}m_{211}^{(10)} + m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(22)}m_{121}^{(00)} - m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(00)}m_{002}^{(21)}m_{121}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(00)}m_{112}^{(11)} + m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(00)}m_{031}^{(20)} - m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(00)}m_{022}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(10)}m_{211}^{(21)} - m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(10)}m_{121}^{(20)} - m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(10)}m_{112}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(10)}m_{022}^{(00)} - m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(20)}m_{211}^{(11)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(20)}m_{121}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(20)}m_{031}^{(00)} - m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(00)}m_{022}^{(22)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(00)}m_{013}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(00)}m_{004}^{(11)} + m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(10)}m_{112}^{(22)} - m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(10)}m_{103}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(10)}m_{013}^{(20)} + m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(10)}m_{004}^{(10)} - m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(20)}m_{112}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(20)}m_{103}^{(11)} + m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(20)}m_{022}^{(20)} - m_{000}^{(11)}m_{100}^{(21)}m_{200}^{(20)}m_{013}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(00)}m_{112}^{(22)} - m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(00)}m_{103}^{(21)} - m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(00)}m_{013}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(00)}m_{004}^{(10)} - m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(10)}m_{202}^{(22)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(10)}m_{103}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(10)}m_{004}^{(00)} + m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(20)}m_{202}^{(21)} - m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(20)}m_{112}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(20)}m_{103}^{(10)} + m_{000}^{(11)}m_{100}^{(21)}m_{110}^{(20)}m_{013}^{(00)} + m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(00)}m_{121}^{(22)}\\
&-3m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(00)}m_{112}^{(21)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(00)}m_{103}^{(11)} + m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(00)}m_{022}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(00)}m_{013}^{(10)} - m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(10)}m_{211}^{(22)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(10)}m_{202}^{(21)}\\
&-2m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(10)}m_{103}^{(10)} + m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(10)}m_{013}^{(00)} + m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{211}^{(21)}\\
&-2m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{202}^{(11)} - m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{121}^{(20)} + 3m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{112}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{101}^{(20)}m_{022}^{(00)} - m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(00)}m_{211}^{(22)} + m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(00)}m_{202}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(00)}m_{112}^{(20)} - m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(00)}m_{103}^{(10)} + m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(10)}m_{301}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(10)}m_{202}^{(20)} + m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(10)}m_{103}^{(00)} - m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(20)}m_{301}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(20)}m_{211}^{(20)} + m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(20)}m_{202}^{(10)} - m_{000}^{(11)}m_{100}^{(21)}m_{011}^{(20)}m_{112}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(00)}m_{211}^{(21)} - m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(00)}m_{202}^{(11)} - m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(00)}m_{121}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(00)}m_{112}^{(10)} - m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(10)}m_{301}^{(21)} + m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(10)}m_{211}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(10)}m_{202}^{(10)} - m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(10)}m_{112}^{(00)} + m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(20)}m_{301}^{(11)}\\
&-2m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(20)}m_{211}^{(10)} + m_{000}^{(11)}m_{100}^{(21)}m_{002}^{(20)}m_{121}^{(00)} + m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(00)}m_{031}^{(22)}
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&-2m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(00)}m_{022}^{(21)}+m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(00)}m_{013}^{(11)}-m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(10)}m_{121}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(10)}m_{112}^{(21)}+m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(10)}m_{022}^{(20)}-m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(10)}m_{013}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(20)}m_{121}^{(21)}-m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(20)}m_{112}^{(11)}-m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(20)}m_{031}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(20)}m_{022}^{(10)}-2m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(00)}m_{121}^{(22)}+3m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(00)}m_{112}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(00)}m_{103}^{(11)}+m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(00)}m_{022}^{(20)}-m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(00)}m_{013}^{(10)}\\
&+2m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(10)}m_{211}^{(22)}-m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(10)}m_{202}^{(21)}-3m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(10)}m_{112}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(10)}m_{103}^{(10)}+m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(10)}m_{013}^{(00)}-2m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(20)}m_{211}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(20)}m_{202}^{(11)}+2m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(20)}m_{121}^{(20)}-m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(20)}m_{022}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(00)}m_{121}^{(21)}-m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(00)}m_{112}^{(11)}-m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(00)}m_{031}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(00)}m_{022}^{(10)}-m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(10)}m_{211}^{(21)}+m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(10)}m_{121}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(10)}m_{112}^{(10)}-m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(10)}m_{022}^{(00)}+m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(20)}m_{211}^{(11)}\\
&-2m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(20)}m_{121}^{(10)}+m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(20)}m_{031}^{(00)}+m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(00)}m_{211}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(00)}m_{202}^{(21)}-m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(00)}m_{112}^{(20)}+m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(00)}m_{103}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(10)}m_{301}^{(22)}+2m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(10)}m_{202}^{(20)}-m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(10)}m_{103}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(20)}m_{301}^{(21)}-m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(20)}m_{211}^{(20)}-m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(20)}m_{202}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(20)}m_{112}^{(00)}-m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(00)}m_{211}^{(21)}+m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(00)}m_{202}^{(11)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(00)}m_{121}^{(20)}-m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(00)}m_{112}^{(10)}+m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(10)}m_{301}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(10)}m_{211}^{(20)}-m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(10)}m_{202}^{(10)}+m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(10)}m_{112}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(20)}m_{301}^{(11)}+2m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(20)}m_{211}^{(10)}-m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(20)}m_{121}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(20)}m_{121}^{(22)}-2m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(20)}m_{112}^{(21)}+m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(20)}m_{103}^{(11)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(21)}m_{211}^{(22)}+m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(21)}m_{202}^{(21)}+m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(21)}m_{112}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(21)}m_{103}^{(10)}+m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(22)}m_{211}^{(21)}-m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(22)}m_{202}^{(11)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(22)}m_{121}^{(20)}+m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(22)}m_{112}^{(10)}-m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{130}^{(22)}\\
&+2m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{121}^{(21)}-m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(20)}m_{112}^{(11)}+m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(21)}m_{220}^{(22)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(21)}m_{211}^{(21)}-m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(21)}m_{121}^{(20)}+m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(21)}m_{112}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(22)}m_{220}^{(21)}+m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(22)}m_{211}^{(11)}+m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(22)}m_{130}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(22)}m_{121}^{(10)}-m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(20)}m_{211}^{(22)}+m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(20)}m_{202}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(20)}m_{112}^{(20)}-m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(20)}m_{103}^{(10)}+m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(21)}m_{301}^{(22)}\\
&-2m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(21)}m_{202}^{(20)}+m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(21)}m_{103}^{(00)}-m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(22)}m_{301}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(22)}m_{211}^{(20)}+m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(22)}m_{202}^{(10)}-m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(22)}m_{112}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{220}^{(22)}-m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{202}^{(11)}-2m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{121}^{(20)}\\
&+2m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{112}^{(10)}-m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(21)}m_{310}^{(22)}-m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(21)}m_{301}^{(21)}\\
&+3m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(21)}m_{211}^{(20)}+m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(21)}m_{202}^{(10)}-2m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(21)}m_{112}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(22)}m_{310}^{(21)}+m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(22)}m_{301}^{(11)}-m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(22)}m_{220}^{(20)}\\
&-3m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(22)}m_{211}^{(10)}+2m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(22)}m_{121}^{(00)}-m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(20)}m_{220}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(20)}m_{211}^{(11)}+m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(20)}m_{130}^{(20)}-m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(20)}m_{121}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(21)}m_{310}^{(21)}-m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(21)}m_{220}^{(20)}-m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(21)}m_{211}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(21)}m_{121}^{(00)}-m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(22)}m_{310}^{(11)}+2m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(22)}m_{220}^{(10)}
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&-m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(22)}m_{130}^{(00)} - m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{121}^{(22)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{112}^{(21)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(20)}m_{103}^{(11)} + m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(21)}m_{211}^{(22)} - m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(21)}m_{202}^{(21)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(21)}m_{112}^{(20)} + m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(21)}m_{103}^{(10)} - m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{211}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{202}^{(11)} + m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{121}^{(20)} - m_{000}^{(11)}m_{001}^{(10)}m_{200}^{(22)}m_{112}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{211}^{(22)} - m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{202}^{(21)} - m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{112}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(20)}m_{103}^{(10)} - m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(21)}m_{301}^{(22)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(21)}m_{202}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(21)}m_{103}^{(00)} + m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(22)}m_{301}^{(21)} - m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(22)}m_{211}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(22)}m_{202}^{(10)} + m_{000}^{(11)}m_{001}^{(10)}m_{110}^{(22)}m_{112}^{(00)} + m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{220}^{(22)}\\
&-3m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{211}^{(21)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{202}^{(11)} + m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{121}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(20)}m_{112}^{(10)} - m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{310}^{(22)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{301}^{(21)}\\
&-2m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{202}^{(10)} + m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(21)}m_{112}^{(00)} + m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{310}^{(21)}\\
&-2m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{301}^{(11)} - m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{220}^{(20)} + 3m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{211}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{101}^{(22)}m_{121}^{(00)} - m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{310}^{(22)} + m_{000}^{(11)}m_{001}^{(10)}m_{011}^{(20)}m_{301}^{(21)}\\
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&+m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{310}^{(21)} - m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{301}^{(11)} - m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{220}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(20)}m_{211}^{(10)} - m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(21)}m_{400}^{(21)} + m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(21)}m_{310}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(21)}m_{301}^{(10)} - m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(21)}m_{211}^{(00)} + m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(22)}m_{400}^{(11)}\\
&-2m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(22)}m_{310}^{(10)} + m_{000}^{(11)}m_{001}^{(10)}m_{002}^{(22)}m_{220}^{(00)} + m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{130}^{(22)}\\
&-2m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{121}^{(21)} + m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{112}^{(11)} - m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{220}^{(22)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{211}^{(21)} + m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{121}^{(20)} - m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{112}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(22)}m_{220}^{(21)} - m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(22)}m_{211}^{(11)} - m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(22)}m_{130}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(22)}m_{121}^{(10)} - m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(00)}m_{121}^{(22)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(00)}m_{112}^{(21)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(00)}m_{103}^{(11)} + m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{211}^{(22)} - m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{202}^{(21)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{112}^{(20)} + m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(10)}m_{103}^{(10)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{220}^{(22)}\\
&+2m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{211}^{(21)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{121}^{(20)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{112}^{(10)}\\
&+2m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{310}^{(22)} - m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{301}^{(21)} - 3m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{211}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{202}^{(10)} + m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{112}^{(00)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(22)}m_{310}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(22)}m_{301}^{(11)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(22)}m_{220}^{(20)} - m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(22)}m_{121}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{130}^{(22)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{121}^{(21)} + m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{112}^{(11)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{220}^{(22)} + m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{211}^{(21)} + m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{121}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{112}^{(10)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{220}^{(21)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{211}^{(11)}\\
&-2m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{130}^{(20)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(20)}m_{121}^{(10)} - m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{310}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{220}^{(20)} + m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{211}^{(10)} - m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{121}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(22)}m_{310}^{(11)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(22)}m_{220}^{(10)} + m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(22)}m_{130}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(00)}m_{211}^{(22)} - m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(00)}m_{202}^{(21)} - m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(00)}m_{112}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(00)}m_{103}^{(10)} - m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(10)}m_{301}^{(22)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(10)}m_{202}^{(20)}
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&+m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(20)}m_{112}^{(00)} - m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(21)}m_{400}^{(22)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(21)}m_{301}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(21)}m_{202}^{(00)} + m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(22)}m_{400}^{(21)} - m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(22)}m_{310}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(22)}m_{301}^{(10)} + m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(22)}m_{211}^{(00)} - m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{220}^{(22)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{202}^{(11)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{121}^{(20)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{112}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{310}^{(22)} + m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{301}^{(21)} - 3m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{211}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{202}^{(10)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{112}^{(00)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{310}^{(21)}\\
&+2m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{220}^{(20)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{211}^{(10)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{121}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{400}^{(21)} - m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{310}^{(20)} - m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{301}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(21)}m_{211}^{(00)} - m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(22)}m_{400}^{(11)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(22)}m_{310}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(22)}m_{220}^{(00)} + m_{000}^{(11)}m_{001}^{(20)}m_{002}^{(00)}m_{220}^{(21)} - m_{000}^{(11)}m_{001}^{(20)}m_{002}^{(00)}m_{211}^{(11)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{002}^{(00)}m_{130}^{(20)} + m_{000}^{(11)}m_{001}^{(20)}m_{002}^{(00)}m_{121}^{(10)} - m_{000}^{(11)}m_{001}^{(20)}m_{002}^{(10)}m_{310}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{002}^{(10)}m_{220}^{(20)} + m_{000}^{(11)}m_{001}^{(20)}m_{002}^{(10)}m_{211}^{(10)} - m_{000}^{(11)}m_{001}^{(20)}m_{002}^{(10)}m_{121}^{(00)}\\
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&+m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{202}^{(21)} + m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{112}^{(20)} - m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(00)}m_{103}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(10)}m_{301}^{(22)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(10)}m_{202}^{(20)} + m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(10)}m_{103}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{301}^{(21)} + m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{211}^{(20)} + m_{000}^{(11)}m_{001}^{(21)}m_{110}^{(20)}m_{202}^{(10)}\\
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&+m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{310}^{(22)} - 2m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{301}^{(21)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(10)}m_{202}^{(10)}\\
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&+m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{220}^{(20)} - 3m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{211}^{(10)} + m_{000}^{(11)}m_{001}^{(21)}m_{101}^{(20)}m_{121}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{310}^{(22)} - m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{301}^{(21)} - m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{211}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(00)}m_{202}^{(10)} - m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(10)}m_{400}^{(22)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{011}^{(10)}m_{301}^{(20)}\\
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&+m_{000}^{(11)}m_{001}^{(21)}m_{002}^{(00)}m_{301}^{(11)} + m_{000}^{(11)}m_{001}^{(21)}m_{002}^{(00)}m_{220}^{(20)} - m_{000}^{(11)}m_{001}^{(21)}m_{002}^{(00)}m_{211}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(21)}m_{002}^{(10)}m_{400}^{(21)} - m_{000}^{(11)}m_{001}^{(21)}m_{002}^{(10)}m_{310}^{(20)} - m_{000}^{(11)}m_{001}^{(21)}m_{002}^{(10)}m_{301}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(21)}m_{002}^{(10)}m_{211}^{(00)} - m_{000}^{(11)}m_{001}^{(21)}m_{002}^{(20)}m_{400}^{(11)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{002}^{(20)}m_{310}^{(10)}\\
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&-m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(00)}m_{112}^{(11)} + m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{220}^{(22)} - m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{211}^{(21)}\\
&-m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{121}^{(20)} + m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(10)}m_{112}^{(10)} - m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(20)}m_{220}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(20)}m_{211}^{(11)} + m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(20)}m_{130}^{(20)} - m_{000}^{(11)}m_{001}^{(22)}m_{200}^{(20)}m_{121}^{(10)}\\
&+2m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{220}^{(22)} - 3m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{211}^{(21)} + m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(00)}m_{202}^{(11)}
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&+m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{301}^{(21)} + 3m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{211}^{(20)} - m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{202}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(10)}m_{112}^{(00)} + 2m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(20)}m_{310}^{(21)} - m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(20)}m_{301}^{(11)}\\
&-2m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(20)}m_{220}^{(20)} + m_{000}^{(11)}m_{001}^{(22)}m_{110}^{(20)}m_{121}^{(00)} - m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(00)}m_{220}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(00)}m_{211}^{(11)} + m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(00)}m_{130}^{(20)} - m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(00)}m_{121}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(10)}m_{310}^{(21)} - m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(10)}m_{220}^{(20)} - m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(10)}m_{211}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(10)}m_{121}^{(00)} - m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(20)}m_{310}^{(11)} + 2m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(20)}m_{220}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(22)}m_{101}^{(20)}m_{130}^{(00)} - m_{000}^{(11)}m_{001}^{(22)}m_{020}^{(00)}m_{310}^{(22)} + m_{000}^{(11)}m_{001}^{(22)}m_{020}^{(00)}m_{301}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{020}^{(00)}m_{211}^{(20)} - m_{000}^{(11)}m_{001}^{(22)}m_{020}^{(00)}m_{202}^{(10)} + m_{000}^{(11)}m_{001}^{(22)}m_{020}^{(10)}m_{400}^{(22)}\\
&-2m_{000}^{(11)}m_{001}^{(22)}m_{020}^{(10)}m_{301}^{(20)} + m_{000}^{(11)}m_{001}^{(22)}m_{020}^{(10)}m_{202}^{(00)} - m_{000}^{(11)}m_{001}^{(22)}m_{020}^{(20)}m_{400}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{020}^{(20)}m_{310}^{(20)} + m_{000}^{(11)}m_{001}^{(22)}m_{020}^{(20)}m_{301}^{(10)} - m_{000}^{(11)}m_{001}^{(22)}m_{020}^{(20)}m_{211}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(00)}m_{310}^{(21)} - m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(00)}m_{301}^{(11)} - m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(00)}m_{220}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(00)}m_{211}^{(10)} - m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(10)}m_{400}^{(21)} + m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(10)}m_{310}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(10)}m_{301}^{(10)} - m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(10)}m_{211}^{(00)} + m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(20)}m_{400}^{(11)}\\
&-2m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(20)}m_{310}^{(10)} + m_{000}^{(11)}m_{001}^{(22)}m_{011}^{(20)}m_{220}^{(00)} - m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(20)}m_{031}^{(22)}\\
&+2m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(20)}m_{022}^{(21)} - m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(20)}m_{013}^{(11)} + m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(21)}m_{121}^{(22)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(21)}m_{112}^{(21)} - m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(21)}m_{022}^{(20)} + m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(21)}m_{013}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(22)}m_{121}^{(21)} + m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(22)}m_{112}^{(11)} + m_{000}^{(20)}m_{100}^{(10)}m_{110}^{(22)}m_{031}^{(20)}\\
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&+m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(20)}m_{022}^{(11)} - m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(21)}m_{130}^{(22)} + m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(21)}m_{121}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(21)}m_{031}^{(20)} - m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(21)}m_{022}^{(10)} + m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(22)}m_{130}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(22)}m_{121}^{(11)} - m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(22)}m_{040}^{(20)} + m_{000}^{(20)}m_{100}^{(10)}m_{101}^{(22)}m_{031}^{(10)}\\
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&+m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(20)}m_{013}^{(10)} - m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(21)}m_{211}^{(22)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(21)}m_{112}^{(20)}\\
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&-m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(22)}m_{112}^{(10)} + m_{000}^{(20)}m_{100}^{(10)}m_{020}^{(22)}m_{022}^{(00)} - m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(20)}m_{130}^{(22)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(20)}m_{112}^{(11)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(20)}m_{031}^{(20)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(20)}m_{022}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(21)}m_{220}^{(22)} + m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(21)}m_{211}^{(21)} - 3m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(21)}m_{121}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(21)}m_{112}^{(10)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(21)}m_{022}^{(00)} - m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(22)}m_{220}^{(21)}\\
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&-2m_{000}^{(20)}m_{100}^{(10)}m_{011}^{(22)}m_{031}^{(00)} + m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(20)}m_{130}^{(21)} - m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(20)}m_{121}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(20)}m_{040}^{(20)} + m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(20)}m_{031}^{(10)} - m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(21)}m_{220}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(21)}m_{130}^{(20)} + m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(21)}m_{121}^{(10)} - m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(21)}m_{031}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(22)}m_{220}^{(11)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(22)}m_{130}^{(10)} + m_{000}^{(20)}m_{100}^{(10)}m_{002}^{(22)}m_{040}^{(00)}\\
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&+m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(21)}m_{211}^{(22)}-2m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(21)}m_{112}^{(20)}+m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(21)}m_{013}^{(00)}\\
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&+m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(21)}m_{220}^{(22)}-2m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(21)}m_{211}^{(21)}+2m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(21)}m_{112}^{(10)}\\
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&+m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(22)}m_{130}^{(20)}-3m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(22)}m_{121}^{(10)}+m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(22)}m_{031}^{(00)}\\
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&+m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(20)}m_{211}^{(11)}+m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(20)}m_{130}^{(20)}-m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(20)}m_{121}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(21)}m_{310}^{(21)}-m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(21)}m_{220}^{(20)}-m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(21)}m_{211}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(21)}m_{121}^{(00)}-m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(22)}m_{310}^{(11)}+2m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(22)}m_{220}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(22)}m_{130}^{(00)}+m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(10)}m_{031}^{(22)}-2m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(10)}m_{022}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(10)}m_{013}^{(11)}-m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(11)}m_{121}^{(22)}+m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(11)}m_{112}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(11)}m_{022}^{(20)}-m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(11)}m_{013}^{(10)}+m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(21)}m_{121}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(21)}m_{112}^{(11)}-m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(21)}m_{031}^{(20)}+m_{000}^{(20)}m_{100}^{(20)}m_{110}^{(21)}m_{022}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(10)}m_{040}^{(22)}+2m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(10)}m_{031}^{(21)}-m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(10)}m_{022}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(11)}m_{130}^{(22)}-m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(11)}m_{121}^{(21)}-m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(11)}m_{031}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(11)}m_{022}^{(10)}-m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(21)}m_{130}^{(21)}+m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(21)}m_{121}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(21)}m_{040}^{(20)}-m_{000}^{(20)}m_{100}^{(20)}m_{101}^{(21)}m_{031}^{(10)}-m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(10)}m_{121}^{(22)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(10)}m_{112}^{(21)}+m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(10)}m_{022}^{(20)}-m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(10)}m_{013}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(11)}m_{211}^{(22)}-2m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(11)}m_{112}^{(20)}+m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(11)}m_{013}^{(00)}\\
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&-m_{000}^{(20)}m_{100}^{(20)}m_{020}^{(21)}m_{022}^{(00)}+m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(10)}m_{130}^{(22)}-m_{000}^{(20)}m_{100}^{(20)}m_{011}^{(10)}m_{112}^{(11)}\\
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&+2m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(21)}m_{130}^{(10)}-m_{000}^{(20)}m_{100}^{(20)}m_{002}^{(21)}m_{040}^{(00)}-m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(10)}m_{031}^{(22)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(10)}m_{022}^{(21)}-m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(10)}m_{013}^{(11)}+m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(11)}m_{121}^{(22)}\\
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&+m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(21)}m_{130}^{(22)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(21)}m_{121}^{(21)} + m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(21)}m_{112}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(22)}m_{130}^{(21)} + m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(22)}m_{121}^{(11)} + m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(22)}m_{040}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(22)}m_{031}^{(10)} + m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(10)}m_{121}^{(22)} - m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(10)}m_{112}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(10)}m_{022}^{(20)} + m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(10)}m_{013}^{(10)} - m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(11)}m_{211}^{(22)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(11)}m_{112}^{(20)} - m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(11)}m_{013}^{(00)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(20)}m_{130}^{(22)}\\
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&+m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(20)}m_{022}^{(10)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{220}^{(22)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{211}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{121}^{(20)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{112}^{(10)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(22)}m_{220}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(22)}m_{211}^{(11)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(22)}m_{130}^{(20)} + m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(22)}m_{031}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(10)}m_{130}^{(22)} - 3m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(10)}m_{121}^{(21)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(10)}m_{112}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(10)}m_{031}^{(20)} - m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(10)}m_{022}^{(10)} - m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{220}^{(22)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{211}^{(21)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{112}^{(10)} + m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{022}^{(00)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(20)}m_{130}^{(21)} + m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(20)}m_{121}^{(11)} + m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(20)}m_{040}^{(20)}\\
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&+2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(22)}m_{130}^{(10)} - m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(22)}m_{040}^{(00)} - m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{220}^{(22)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{211}^{(21)} + m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{121}^{(20)} - m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{112}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(21)}m_{310}^{(22)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(21)}m_{211}^{(20)} + m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(21)}m_{112}^{(00)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(22)}m_{310}^{(21)} + m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(22)}m_{220}^{(20)} + m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(22)}m_{211}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(22)}m_{121}^{(00)} - m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{220}^{(22)} + m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{211}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{121}^{(20)} - m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{112}^{(10)} + m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(11)}m_{310}^{(22)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(11)}m_{211}^{(20)} + m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(11)}m_{112}^{(00)} + m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(20)}m_{220}^{(21)}\\
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&-2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(21)}m_{310}^{(21)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(21)}m_{220}^{(20)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(21)}m_{211}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(21)}m_{121}^{(00)} + m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(22)}m_{310}^{(11)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(22)}m_{220}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(22)}m_{130}^{(00)} + m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(10)}m_{220}^{(21)} - m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(10)}m_{211}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(10)}m_{130}^{(20)} + m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(10)}m_{121}^{(10)} - m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(11)}m_{310}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(11)}m_{220}^{(20)} + m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(11)}m_{211}^{(10)} - m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(11)}m_{121}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(21)}m_{310}^{(11)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(21)}m_{220}^{(10)} + m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(21)}m_{130}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{200}^{(10)}m_{040}^{(22)} - 2m_{000}^{(20)}m_{100}^{(22)}m_{200}^{(10)}m_{031}^{(21)} + m_{000}^{(20)}m_{100}^{(22)}m_{200}^{(10)}m_{022}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{200}^{(11)}m_{130}^{(22)} + m_{000}^{(20)}m_{100}^{(22)}m_{200}^{(11)}m_{121}^{(21)} + m_{000}^{(20)}m_{100}^{(22)}m_{200}^{(11)}m_{031}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{200}^{(11)}m_{022}^{(10)} + m_{000}^{(20)}m_{100}^{(22)}m_{200}^{(21)}m_{130}^{(21)} - m_{000}^{(20)}m_{100}^{(22)}m_{200}^{(21)}m_{121}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{200}^{(21)}m_{040}^{(20)} + m_{000}^{(20)}m_{100}^{(22)}m_{200}^{(21)}m_{031}^{(10)} - 2m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(10)}m_{130}^{(22)}\\
&+3m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(10)}m_{121}^{(21)} - m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(10)}m_{112}^{(11)} + m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(10)}m_{031}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(10)}m_{022}^{(10)} + 2m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(11)}m_{220}^{(22)} - m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(11)}m_{211}^{(21)}\\
&-3m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(11)}m_{121}^{(20)} + m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(11)}m_{112}^{(10)} + m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(11)}m_{022}^{(00)}\\
&-2m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(21)}m_{220}^{(21)} + m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(21)}m_{211}^{(11)} + 2m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(21)}m_{130}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{110}^{(21)}m_{031}^{(00)} + m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(10)}m_{130}^{(21)} - m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(10)}m_{121}^{(11)}
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&-m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(10)}m_{040}^{(20)} + m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(10)}m_{031}^{(10)} - m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(11)}m_{220}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(11)}m_{130}^{(20)} + m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(11)}m_{121}^{(10)} - m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(11)}m_{031}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(21)}m_{220}^{(11)} - 2m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(21)}m_{130}^{(10)} + m_{000}^{(20)}m_{100}^{(22)}m_{101}^{(21)}m_{040}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(10)}m_{220}^{(22)} - m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(10)}m_{211}^{(21)} - m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(10)}m_{121}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(10)}m_{112}^{(10)} - m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(11)}m_{310}^{(22)} + 2m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(11)}m_{211}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(11)}m_{112}^{(00)} + m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(21)}m_{310}^{(21)} - m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(21)}m_{220}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(21)}m_{211}^{(10)} + m_{000}^{(20)}m_{100}^{(22)}m_{020}^{(21)}m_{121}^{(00)} - m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(10)}m_{220}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(10)}m_{211}^{(11)} + m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(10)}m_{130}^{(20)} - m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(10)}m_{121}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(11)}m_{310}^{(21)} - m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(11)}m_{220}^{(20)} - m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(11)}m_{211}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(11)}m_{121}^{(00)} - m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(21)}m_{310}^{(11)} + 2m_{000}^{(20)}m_{100}^{(22)}m_{011}^{(21)}m_{220}^{(10)}\\
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&-m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(10)}m_{004}^{(11)} + m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(11)}m_{112}^{(22)} - m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(11)}m_{103}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(11)}m_{013}^{(20)} + m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(11)}m_{004}^{(10)} - m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(21)}m_{112}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(21)}m_{103}^{(11)} + m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(21)}m_{022}^{(20)} - m_{000}^{(20)}m_{010}^{(00)}m_{110}^{(21)}m_{013}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(10)}m_{031}^{(22)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(10)}m_{022}^{(21)} + m_{000}^{(20)}m_{010}^{(00)}m_{101}^{(10)}m_{013}^{(11)}\\
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&+m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(21)}m_{202}^{(21)} - m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(21)}m_{112}^{(20)} - m_{000}^{(20)}m_{010}^{(00)}m_{020}^{(21)}m_{103}^{(10)}\\
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&+2m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(10)}m_{022}^{(20)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(10)}m_{013}^{(10)} + m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(11)}m_{211}^{(22)}\\
&+m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(11)}m_{202}^{(21)} - 3m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(11)}m_{112}^{(20)} - m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(11)}m_{103}^{(10)}\\
&+2m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(11)}m_{013}^{(00)} - m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{211}^{(21)} - m_{000}^{(20)}m_{010}^{(00)}m_{011}^{(21)}m_{202}^{(11)}\\
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&+m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(10)}m_{022}^{(10)} - m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(11)}m_{211}^{(21)} + m_{000}^{(20)}m_{010}^{(00)}m_{002}^{(11)}m_{121}^{(20)}\\
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&-2m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(10)}m_{013}^{(21)} + m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(10)}m_{004}^{(11)} - m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(11)}m_{112}^{(22)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(11)}m_{103}^{(21)} + m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(11)}m_{013}^{(20)} - m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(11)}m_{004}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(21)}m_{112}^{(21)} - m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(21)}m_{103}^{(11)} - m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(21)}m_{022}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(21)}m_{013}^{(10)} + m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(00)}m_{022}^{(22)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(00)}m_{013}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(00)}m_{004}^{(11)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(10)}m_{112}^{(22)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(10)}m_{103}^{(21)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(10)}m_{013}^{(20)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(10)}m_{004}^{(10)} + m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(11)}m_{202}^{(22)}\\
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\begin{aligned}
&-m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{211}^{(22)}+2m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{112}^{(20)}-m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{013}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{211}^{(21)}-m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{202}^{(11)}-m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{121}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{112}^{(10)}-m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(00)}m_{031}^{(22)}+2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(00)}m_{022}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(00)}m_{013}^{(11)}+2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(10)}m_{112}^{(21)}-2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(10)}m_{103}^{(11)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(10)}m_{022}^{(20)}+2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(10)}m_{013}^{(10)}+m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(11)}m_{211}^{(22)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(11)}m_{202}^{(21)}+2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(11)}m_{103}^{(10)}-m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(11)}m_{013}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(20)}m_{130}^{(22)}+m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(20)}m_{121}^{(21)}+m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(20)}m_{031}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(20)}m_{022}^{(10)}+m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{220}^{(22)}-2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{211}^{(21)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{202}^{(11)}-2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{112}^{(10)}+m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{022}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(22)}m_{220}^{(21)}+m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(22)}m_{211}^{(11)}+m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(22)}m_{130}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(22)}m_{121}^{(10)}-m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(00)}m_{112}^{(22)}+m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(00)}m_{103}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(00)}m_{013}^{(20)}-m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(00)}m_{004}^{(10)}+m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(10)}m_{202}^{(22)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(10)}m_{103}^{(20)}+m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(10)}m_{004}^{(00)}-m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(20)}m_{211}^{(22)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(20)}m_{112}^{(20)}-m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(20)}m_{013}^{(00)}+m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(21)}m_{301}^{(22)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(21)}m_{202}^{(20)}+m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(21)}m_{103}^{(00)}-m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(22)}m_{301}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(22)}m_{211}^{(20)}+m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(22)}m_{202}^{(10)}-m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(22)}m_{112}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(00)}m_{121}^{(22)}-m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(00)}m_{103}^{(11)}-2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(00)}m_{022}^{(20)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(00)}m_{013}^{(10)}-2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{202}^{(21)}+2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{112}^{(20)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{103}^{(10)}-2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{013}^{(00)}-m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(11)}m_{301}^{(22)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(11)}m_{202}^{(20)}-m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(11)}m_{103}^{(00)}+m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{220}^{(22)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{211}^{(21)}-3m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{121}^{(20)}-m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{112}^{(10)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{022}^{(00)}-m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{310}^{(22)}+2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{211}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(21)}m_{112}^{(00)}+m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(22)}m_{310}^{(21)}+m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(22)}m_{301}^{(11)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(22)}m_{220}^{(20)}-3m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(22)}m_{211}^{(10)}+2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(22)}m_{121}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(00)}m_{121}^{(21)}+m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(00)}m_{112}^{(11)}+m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(00)}m_{031}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(00)}m_{022}^{(10)}+m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{202}^{(11)}-2m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{112}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{022}^{(00)}+m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(11)}m_{301}^{(21)}-m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(11)}m_{211}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(11)}m_{202}^{(10)}+m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(11)}m_{112}^{(00)}-m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(20)}m_{220}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(20)}m_{130}^{(20)}+m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(20)}m_{121}^{(10)}-m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(20)}m_{031}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(21)}m_{310}^{(21)}-m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(21)}m_{301}^{(11)}-m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(21)}m_{220}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(21)}m_{211}^{(10)}-m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(22)}m_{310}^{(11)}+2m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(22)}m_{220}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(22)}m_{130}^{(00)}-m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(00)}m_{022}^{(22)}+2m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(00)}m_{013}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(00)}m_{004}^{(11)}+m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(10)}m_{112}^{(22)}-m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(10)}m_{103}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(10)}m_{013}^{(20)}+m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(10)}m_{004}^{(10)}-m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(20)}m_{121}^{(22)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(20)}m_{112}^{(21)}+m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(20)}m_{022}^{(20)}-m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(20)}m_{013}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(21)}m_{211}^{(22)}-m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(21)}m_{202}^{(21)}-m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(21)}m_{112}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(21)}m_{103}^{(10)}-m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(22)}m_{211}^{(21)}+m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(22)}m_{202}^{(11)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(22)}m_{121}^{(20)}-m_{000}^{(20)}m_{010}^{(11)}m_{200}^{(22)}m_{112}^{(10)}+m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(00)}m_{112}^{(22)}
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&-m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(00)}m_{103}^{(21)} - m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(00)}m_{013}^{(20)} + m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(00)}m_{004}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(10)}m_{202}^{(22)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(10)}m_{103}^{(20)} - m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(10)}m_{004}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(20)}m_{211}^{(22)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(20)}m_{112}^{(20)} + m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(20)}m_{013}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(21)}m_{301}^{(22)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(21)}m_{202}^{(20)} - m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(21)}m_{103}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(22)}m_{301}^{(21)} - m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(22)}m_{211}^{(20)} - m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(22)}m_{202}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{110}^{(22)}m_{112}^{(00)} + m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(00)}m_{121}^{(22)} - 3m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(00)}m_{112}^{(21)}\\
&+2m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(00)}m_{103}^{(11)} + m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(00)}m_{022}^{(20)} - m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(00)}m_{013}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(10)}m_{211}^{(22)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(10)}m_{202}^{(21)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(10)}m_{103}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(10)}m_{013}^{(00)} + m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(20)}m_{220}^{(22)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(20)}m_{211}^{(21)}\\
&+2m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(20)}m_{112}^{(10)} - m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(20)}m_{022}^{(00)} - m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(21)}m_{310}^{(22)}\\
&+2m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(21)}m_{301}^{(21)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(21)}m_{202}^{(10)} + m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(21)}m_{112}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(22)}m_{310}^{(21)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(22)}m_{301}^{(11)} - m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(22)}m_{220}^{(20)}\\
&+3m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(22)}m_{211}^{(10)} - m_{000}^{(20)}m_{010}^{(11)}m_{101}^{(22)}m_{121}^{(00)} - m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(00)}m_{211}^{(22)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(00)}m_{202}^{(21)} + m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(00)}m_{112}^{(20)} - m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(00)}m_{103}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(10)}m_{301}^{(22)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(10)}m_{202}^{(20)} + m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(10)}m_{103}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(20)}m_{310}^{(22)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(20)}m_{211}^{(20)} - m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(20)}m_{112}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(21)}m_{400}^{(22)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(21)}m_{301}^{(20)} + m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(21)}m_{202}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(22)}m_{400}^{(21)} + m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(22)}m_{310}^{(20)} + m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(22)}m_{301}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{011}^{(22)}m_{211}^{(00)} + m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(00)}m_{211}^{(21)} - m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(00)}m_{202}^{(11)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(00)}m_{121}^{(20)} + m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(00)}m_{112}^{(10)} - m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(10)}m_{301}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(10)}m_{211}^{(20)} + m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(10)}m_{202}^{(10)} - m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(10)}m_{112}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(20)}m_{310}^{(21)} - m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(20)}m_{220}^{(20)} - m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(20)}m_{211}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(20)}m_{121}^{(00)} - m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(21)}m_{400}^{(21)} + m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(21)}m_{310}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(21)}m_{301}^{(10)} - m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(21)}m_{211}^{(00)} + m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(22)}m_{400}^{(11)}\\
&-2m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(22)}m_{310}^{(10)} + m_{000}^{(20)}m_{010}^{(11)}m_{002}^{(22)}m_{220}^{(00)} - m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(10)}m_{031}^{(22)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(10)}m_{022}^{(21)} - m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(10)}m_{013}^{(11)} + m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(11)}m_{121}^{(22)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(11)}m_{112}^{(21)} - m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(11)}m_{022}^{(20)} + m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(11)}m_{013}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(21)}m_{121}^{(21)} + m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(21)}m_{112}^{(11)} + m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(21)}m_{031}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(21)}m_{022}^{(10)} + m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(10)}m_{121}^{(22)} - m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(10)}m_{112}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(10)}m_{022}^{(20)} + m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(10)}m_{013}^{(10)} - m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(11)}m_{211}^{(22)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(11)}m_{112}^{(20)} - m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(11)}m_{013}^{(00)} + m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{211}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{121}^{(20)} - m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{112}^{(10)} + m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{022}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(10)}m_{122}^{(22)} - 3m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(10)}m_{121}^{(21)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(10)}m_{112}^{(11)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(10)}m_{031}^{(20)} - m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(10)}m_{022}^{(10)} - m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(11)}m_{220}^{(22)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(11)}m_{211}^{(21)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(11)}m_{112}^{(10)} + m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(11)}m_{022}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{220}^{(21)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{211}^{(11)} - m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{130}^{(20)}\\
&+3m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{121}^{(10)} - m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{031}^{(00)} - m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{220}^{(22)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{211}^{(21)} + m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{121}^{(20)} - m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{112}^{(10)}
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&+m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(11)}m_{310}^{(22)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(11)}m_{211}^{(20)} + m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(11)}m_{112}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{310}^{(21)} + m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{220}^{(20)} + m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{211}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(21)}m_{121}^{(00)} + m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(10)}m_{220}^{(21)} - m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(10)}m_{211}^{(11)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(10)}m_{130}^{(20)} + m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(10)}m_{121}^{(10)} - m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(11)}m_{310}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(11)}m_{220}^{(20)} + m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(11)}m_{211}^{(10)} - m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(11)}m_{121}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(21)}m_{310}^{(11)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(21)}m_{220}^{(10)} + m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(21)}m_{130}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(00)}m_{031}^{(22)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(00)}m_{022}^{(21)} + m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(00)}m_{013}^{(11)}\\
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&-m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(10)}m_{013}^{(10)} - m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(11)}m_{211}^{(22)} + m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(11)}m_{202}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(11)}m_{112}^{(20)} - m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(11)}m_{103}^{(10)} + m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(20)}m_{130}^{(22)}\\
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&-m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{220}^{(22)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{211}^{(21)} - m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{202}^{(11)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(22)}m_{220}^{(21)} - m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(22)}m_{211}^{(11)} - m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(22)}m_{130}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(22)}m_{121}^{(10)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(00)}m_{121}^{(22)} + 3m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(00)}m_{112}^{(21)}\\
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&+m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{211}^{(22)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{112}^{(20)} + m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(10)}m_{013}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(11)}m_{301}^{(22)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(11)}m_{202}^{(20)} + m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(11)}m_{103}^{(00)}\\
&-2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{220}^{(22)} + m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{211}^{(21)} + 3m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{121}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{112}^{(10)} - m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(20)}m_{022}^{(00)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{310}^{(22)}\\
&-2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{301}^{(21)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{211}^{(20)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(21)}m_{202}^{(10)}\\
&-2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(22)}m_{310}^{(21)} + m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(22)}m_{301}^{(11)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(22)}m_{220}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{110}^{(22)}m_{121}^{(00)} + m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(00)}m_{121}^{(21)} - m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(00)}m_{112}^{(11)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(00)}m_{031}^{(20)} + m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(00)}m_{022}^{(10)} - m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{220}^{(22)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{211}^{(21)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{202}^{(11)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{112}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(10)}m_{022}^{(00)} + m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(11)}m_{310}^{(22)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(11)}m_{301}^{(21)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(11)}m_{202}^{(10)} - m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(11)}m_{112}^{(00)} + m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{220}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{130}^{(20)} - m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{121}^{(10)} + m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(20)}m_{031}^{(00)}\\
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&-2m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(21)}m_{211}^{(10)} + m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(22)}m_{310}^{(11)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(22)}m_{220}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{101}^{(22)}m_{130}^{(00)} + m_{000}^{(20)}m_{010}^{(21)}m_{020}^{(00)}m_{211}^{(22)} - m_{000}^{(20)}m_{010}^{(21)}m_{020}^{(00)}m_{202}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{020}^{(00)}m_{112}^{(20)} + m_{000}^{(20)}m_{010}^{(21)}m_{020}^{(00)}m_{103}^{(10)} - m_{000}^{(20)}m_{010}^{(21)}m_{020}^{(10)}m_{301}^{(22)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{020}^{(10)}m_{202}^{(20)} - m_{000}^{(20)}m_{010}^{(21)}m_{020}^{(10)}m_{103}^{(00)} + m_{000}^{(20)}m_{010}^{(21)}m_{020}^{(20)}m_{310}^{(22)}\\
&-2m_{000}^{(20)}m_{010}^{(21)}m_{020}^{(20)}m_{211}^{(20)} + m_{000}^{(20)}m_{010}^{(21)}m_{020}^{(20)}m_{112}^{(00)} - m_{000}^{(20)}m_{010}^{(21)}m_{020}^{(21)}m_{400}^{(22)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{020}^{(21)}m_{301}^{(20)} - m_{000}^{(20)}m_{010}^{(21)}m_{020}^{(21)}m_{202}^{(00)} + m_{000}^{(20)}m_{010}^{(21)}m_{020}^{(22)}m_{400}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{020}^{(22)}m_{310}^{(20)} - m_{000}^{(20)}m_{010}^{(21)}m_{020}^{(22)}m_{301}^{(10)} + m_{000}^{(20)}m_{010}^{(21)}m_{020}^{(22)}m_{211}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{211}^{(21)} + m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{202}^{(11)} + m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{121}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(00)}m_{112}^{(10)} + m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{310}^{(22)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{211}^{(20)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(10)}m_{112}^{(00)} - m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(11)}m_{400}^{(22)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(11)}m_{301}^{(20)}
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&+m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{211}^{(10)} - m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(20)}m_{121}^{(00)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{400}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{310}^{(20)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{301}^{(10)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(21)}m_{211}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(22)}m_{400}^{(11)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(22)}m_{310}^{(10)} - m_{000}^{(20)}m_{010}^{(21)}m_{011}^{(22)}m_{220}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(10)}m_{310}^{(21)} + m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(10)}m_{301}^{(11)} + m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(10)}m_{220}^{(20)}\\
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&+2m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(21)}m_{310}^{(10)} - m_{000}^{(20)}m_{010}^{(21)}m_{002}^{(21)}m_{220}^{(00)} - m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(10)}m_{130}^{(22)}\\
&+2m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(10)}m_{121}^{(21)} - m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(10)}m_{112}^{(11)} + m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(11)}m_{220}^{(22)}\\
&-m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(11)}m_{211}^{(21)} - m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(11)}m_{121}^{(20)} + m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(11)}m_{112}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{220}^{(21)} + m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{211}^{(11)} + m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{130}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(22)}m_{200}^{(21)}m_{121}^{(10)} + 2m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{220}^{(22)} - 3m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{211}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{202}^{(11)} - m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{121}^{(20)} + m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(10)}m_{112}^{(10)}\\
&-2m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(11)}m_{310}^{(22)} + m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(11)}m_{301}^{(21)} + 3m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(11)}m_{211}^{(20)}\\
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&-m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{301}^{(11)} - 2m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{220}^{(20)} + m_{000}^{(20)}m_{010}^{(22)}m_{110}^{(21)}m_{121}^{(00)}\\
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&-m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(10)}m_{121}^{(10)} + m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(11)}m_{310}^{(21)} - m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(11)}m_{220}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(11)}m_{211}^{(10)} + m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(11)}m_{121}^{(00)} - m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(21)}m_{310}^{(11)}\\
&+2m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(21)}m_{220}^{(10)} - m_{000}^{(20)}m_{010}^{(22)}m_{101}^{(21)}m_{130}^{(00)} - m_{000}^{(20)}m_{010}^{(22)}m_{020}^{(10)}m_{310}^{(22)}\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{020}^{(10)}m_{301}^{(21)} + m_{000}^{(20)}m_{010}^{(22)}m_{020}^{(10)}m_{211}^{(20)} - m_{000}^{(20)}m_{010}^{(22)}m_{020}^{(10)}m_{202}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{020}^{(11)}m_{400}^{(22)} - 2m_{000}^{(20)}m_{010}^{(22)}m_{020}^{(11)}m_{301}^{(20)} + m_{000}^{(20)}m_{010}^{(22)}m_{020}^{(11)}m_{202}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(22)}m_{020}^{(21)}m_{400}^{(21)} + m_{000}^{(20)}m_{010}^{(22)}m_{020}^{(21)}m_{310}^{(20)} + m_{000}^{(20)}m_{010}^{(22)}m_{020}^{(21)}m_{301}^{(10)}\\
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&+m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(11)}m_{310}^{(20)} + m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(11)}m_{301}^{(10)} - m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(11)}m_{211}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(21)}m_{400}^{(11)} - 2m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(21)}m_{310}^{(10)} + m_{000}^{(20)}m_{010}^{(22)}m_{011}^{(21)}m_{220}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(10)}m_{031}^{(22)} - 2m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(10)}m_{022}^{(21)} + m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(10)}m_{013}^{(11)}\\
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&-m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(11)}m_{013}^{(10)} + m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{121}^{(21)} - m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{112}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{031}^{(20)} + m_{000}^{(20)}m_{001}^{(00)}m_{110}^{(21)}m_{022}^{(10)} - m_{000}^{(20)}m_{001}^{(00)}m_{101}^{(10)}m_{040}^{(22)}\\
&+2m_{000}^{(20)}m_{001}^{(00)}m_{101}^{(10)}m_{031}^{(21)} - m_{000}^{(20)}m_{001}^{(00)}m_{101}^{(10)}m_{022}^{(11)} + m_{000}^{(20)}m_{001}^{(00)}m_{101}^{(11)}m_{130}^{(22)}\\
&-m_{000}^{(20)}m_{001}^{(00)}m_{101}^{(11)}m_{121}^{(21)} - m_{000}^{(20)}m_{001}^{(00)}m_{101}^{(11)}m_{031}^{(20)} + m_{000}^{(20)}m_{001}^{(00)}m_{101}^{(11)}m_{022}^{(10)}\\
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&+m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(10)}m_{022}^{(20)} - m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(10)}m_{013}^{(10)} + m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(11)}m_{211}^{(22)}\\
&-2m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(11)}m_{112}^{(20)} + m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(11)}m_{013}^{(00)} - m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{211}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{121}^{(20)} + m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{112}^{(10)} - m_{000}^{(20)}m_{001}^{(00)}m_{020}^{(21)}m_{022}^{(00)}
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&+2m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(10)}m_{022}^{(10)} - m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{220}^{(22)} - m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{211}^{(21)}\\
&+3m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{121}^{(20)} + m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{112}^{(10)} - 2m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(11)}m_{022}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{220}^{(21)} + m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{211}^{(11)} - m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{130}^{(20)}\\
&-3m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{121}^{(10)} + 2m_{000}^{(20)}m_{001}^{(00)}m_{011}^{(21)}m_{031}^{(00)} - m_{000}^{(20)}m_{001}^{(00)}m_{002}^{(10)}m_{130}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{002}^{(10)}m_{121}^{(11)} + m_{000}^{(20)}m_{001}^{(00)}m_{002}^{(10)}m_{040}^{(20)} - m_{000}^{(20)}m_{001}^{(00)}m_{002}^{(10)}m_{031}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{002}^{(11)}m_{220}^{(21)} - m_{000}^{(20)}m_{001}^{(00)}m_{002}^{(11)}m_{130}^{(20)} - m_{000}^{(20)}m_{001}^{(00)}m_{002}^{(11)}m_{121}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{002}^{(11)}m_{031}^{(00)} - m_{000}^{(20)}m_{001}^{(00)}m_{002}^{(21)}m_{220}^{(11)} + 2m_{000}^{(20)}m_{001}^{(00)}m_{002}^{(21)}m_{130}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(00)}m_{002}^{(21)}m_{040}^{(00)} - m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(10)}m_{031}^{(22)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(10)}m_{022}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(10)}m_{013}^{(11)} + m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(11)}m_{121}^{(22)} - m_{000}^{(20)}m_{001}^{(10)}m_{200}^{(11)}m_{112}^{(21)}\\
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&+2m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{121}^{(22)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{112}^{(21)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{022}^{(20)}\\
&+2m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(10)}m_{013}^{(10)} - m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(11)}m_{211}^{(22)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(11)}m_{112}^{(20)}\\
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&+m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{031}^{(20)} - m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(20)}m_{022}^{(10)} + m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{211}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{121}^{(20)} - m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{112}^{(10)} + m_{000}^{(20)}m_{001}^{(10)}m_{110}^{(21)}m_{022}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(00)}m_{040}^{(22)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(00)}m_{031}^{(21)} + m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(00)}m_{022}^{(11)}\\
&-2m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{121}^{(21)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{112}^{(11)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{031}^{(20)}\\
&-2m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(10)}m_{022}^{(10)} - m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{220}^{(22)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(11)}m_{211}^{(21)}\\
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&+m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{220}^{(21)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{211}^{(11)} - m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{130}^{(20)}\\
&+3m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{121}^{(10)} - m_{000}^{(20)}m_{001}^{(10)}m_{101}^{(21)}m_{031}^{(00)} + m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(00)}m_{121}^{(22)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(00)}m_{112}^{(21)} - m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(00)}m_{022}^{(20)} + m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(00)}m_{013}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{211}^{(22)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{112}^{(20)} - m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(10)}m_{013}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{211}^{(21)} - m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{121}^{(20)} - m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{112}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{020}^{(20)}m_{022}^{(00)} - m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(00)}m_{130}^{(22)} + m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(00)}m_{112}^{(11)}\\
&+2m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(00)}m_{031}^{(20)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(00)}m_{022}^{(10)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{211}^{(21)}\\
&-2m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{121}^{(20)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{112}^{(10)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(10)}m_{022}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{310}^{(22)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{211}^{(20)} + m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(11)}m_{112}^{(00)}\\
&-m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{220}^{(21)} - m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{211}^{(11)} + m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{130}^{(20)}\\
&+3m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{121}^{(10)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(20)}m_{031}^{(00)} - m_{000}^{(20)}m_{001}^{(10)}m_{011}^{(21)}m_{310}^{(21)}\\
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&-2m_{000}^{(20)}m_{001}^{(10)}m_{002}^{(20)}m_{130}^{(10)} + m_{000}^{(20)}m_{001}^{(10)}m_{002}^{(20)}m_{040}^{(00)} + m_{000}^{(20)}m_{001}^{(10)}m_{002}^{(21)}m_{310}^{(11)}\\
&-2m_{000}^{(20)}m_{001}^{(10)}m_{002}^{(21)}m_{220}^{(10)} + m_{000}^{(20)}m_{001}^{(10)}m_{002}^{(21)}m_{130}^{(00)} + m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(00)}m_{031}^{(22)}\\
&-2m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(00)}m_{022}^{(21)} + m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(00)}m_{013}^{(11)} - m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(10)}m_{121}^{(22)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(10)}m_{112}^{(21)} + m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(10)}m_{022}^{(20)} - m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(10)}m_{013}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(20)}m_{121}^{(21)} - m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(20)}m_{112}^{(11)} - m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(20)}m_{031}^{(20)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{200}^{(20)}m_{022}^{(10)} - m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(00)}m_{121}^{(22)} + m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(00)}m_{112}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(00)}m_{022}^{(20)} - m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(00)}m_{013}^{(10)} + m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(10)}m_{211}^{(22)}\\
&-2m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(10)}m_{112}^{(20)} + m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(10)}m_{013}^{(00)} - m_{000}^{(20)}m_{001}^{(11)}m_{110}^{(20)}m_{211}^{(21)}\\
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&-2m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{211}^{(21)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{112}^{(10)} - m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(10)}m_{022}^{(00)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{220}^{(21)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{211}^{(11)} + m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{130}^{(20)}\\
&-3m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{121}^{(10)} + m_{000}^{(20)}m_{001}^{(11)}m_{101}^{(20)}m_{031}^{(00)} + m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(00)}m_{220}^{(22)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(00)}m_{211}^{(21)} - m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(00)}m_{121}^{(20)} + m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(00)}m_{112}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{310}^{(22)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{211}^{(20)} - m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(10)}m_{112}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{310}^{(21)} - m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{220}^{(20)} - m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{211}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{011}^{(20)}m_{121}^{(00)} - m_{000}^{(20)}m_{001}^{(11)}m_{002}^{(00)}m_{220}^{(21)} + m_{000}^{(20)}m_{001}^{(11)}m_{002}^{(00)}m_{211}^{(11)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{002}^{(00)}m_{130}^{(20)} - m_{000}^{(20)}m_{001}^{(11)}m_{002}^{(00)}m_{121}^{(10)} + m_{000}^{(20)}m_{001}^{(11)}m_{002}^{(10)}m_{310}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{002}^{(10)}m_{220}^{(20)} - m_{000}^{(20)}m_{001}^{(11)}m_{002}^{(10)}m_{211}^{(10)} + m_{000}^{(20)}m_{001}^{(11)}m_{002}^{(10)}m_{121}^{(00)}\\
&-m_{000}^{(20)}m_{001}^{(11)}m_{002}^{(20)}m_{310}^{(11)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{002}^{(20)}m_{220}^{(10)} - m_{000}^{(20)}m_{001}^{(11)}m_{002}^{(20)}m_{130}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(10)}m_{040}^{(22)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(10)}m_{031}^{(21)} + m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(10)}m_{022}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(11)}m_{130}^{(22)} + m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(11)}m_{121}^{(21)} + m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(11)}m_{031}^{(20)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(11)}m_{022}^{(10)} + m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(21)}m_{130}^{(21)} - m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(21)}m_{121}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(21)}m_{040}^{(20)} + m_{000}^{(20)}m_{001}^{(20)}m_{200}^{(21)}m_{031}^{(10)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{130}^{(22)}\\
&+3m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{121}^{(21)} - m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{112}^{(11)} + m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{031}^{(20)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(10)}m_{022}^{(10)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{220}^{(22)} - m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{211}^{(21)}\\
&-3m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{121}^{(20)} + m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{112}^{(10)} + m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(11)}m_{022}^{(00)}\\
&-2m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{220}^{(21)} + m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{211}^{(11)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{130}^{(20)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{110}^{(21)}m_{031}^{(00)} + m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{130}^{(21)} - m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{121}^{(11)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{040}^{(20)} + m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(10)}m_{031}^{(10)} - m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{220}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{130}^{(20)} + m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{121}^{(10)} - m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(11)}m_{031}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(21)}m_{220}^{(11)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(21)}m_{130}^{(10)} + m_{000}^{(20)}m_{001}^{(20)}m_{101}^{(21)}m_{040}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{220}^{(22)} - m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{211}^{(21)} - m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{121}^{(20)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(10)}m_{112}^{(10)} - m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(11)}m_{310}^{(22)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(11)}m_{211}^{(20)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(11)}m_{112}^{(00)} + m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{310}^{(21)} - m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{220}^{(20)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{211}^{(10)} + m_{000}^{(20)}m_{001}^{(20)}m_{020}^{(21)}m_{121}^{(00)} - m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{220}^{(21)}
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&+m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{211}^{(11)}+m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{130}^{(20)}-m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(10)}m_{121}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{310}^{(21)}-m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{220}^{(20)}-m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{211}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(11)}m_{121}^{(00)}-m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(21)}m_{310}^{(11)}+2m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(21)}m_{220}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(20)}m_{011}^{(21)}m_{130}^{(00)}-m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(00)}m_{040}^{(22)}+2m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(00)}m_{031}^{(21)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(00)}m_{022}^{(11)}+m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{130}^{(22)}-m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(10)}m_{121}^{(21)}\\
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&+m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{121}^{(11)}+m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{040}^{(20)}-m_{000}^{(20)}m_{001}^{(21)}m_{200}^{(20)}m_{031}^{(10)}\\
&+2m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{130}^{(22)}-3m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{121}^{(21)}+m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(00)}m_{112}^{(11)}\\
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&+m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{211}^{(21)}+3m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{121}^{(20)}-m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{112}^{(10)}\\
&-m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(10)}m_{022}^{(00)}+2m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{220}^{(21)}-m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{211}^{(11)}\\
&-2m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{130}^{(20)}+m_{000}^{(20)}m_{001}^{(21)}m_{110}^{(20)}m_{031}^{(00)}-m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(00)}m_{130}^{(21)}\\
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&+m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{220}^{(21)}-m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{130}^{(20)}-m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(10)}m_{121}^{(10)}\\
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&-m_{000}^{(20)}m_{001}^{(21)}m_{101}^{(20)}m_{040}^{(00)}-m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{220}^{(22)}+m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{211}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{121}^{(20)}-m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(00)}m_{112}^{(10)}+m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{310}^{(22)}\\
&-2m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{211}^{(20)}+m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(10)}m_{112}^{(00)}-m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{310}^{(21)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{220}^{(20)}+m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{211}^{(10)}-m_{000}^{(20)}m_{001}^{(21)}m_{020}^{(20)}m_{121}^{(00)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{220}^{(21)}-m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{211}^{(11)}-m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{130}^{(20)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(00)}m_{121}^{(10)}-m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{310}^{(21)}+m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{220}^{(20)}\\
&+m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{211}^{(10)}-m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(10)}m_{121}^{(00)}+m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(20)}m_{310}^{(11)}\\
&-2m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(20)}m_{220}^{(10)}+m_{000}^{(20)}m_{001}^{(21)}m_{011}^{(20)}m_{130}^{(00)}+m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(10)}m_{022}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(10)}m_{013}^{(21)}+m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(10)}m_{004}^{(11)}-m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(11)}m_{112}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(11)}m_{103}^{(21)}+m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(11)}m_{013}^{(20)}-m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(11)}m_{004}^{(10)}\\
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&+m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(22)}m_{121}^{(21)}-m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(22)}m_{112}^{(11)}-m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(22)}m_{031}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{110}^{(22)}m_{022}^{(10)}-m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(10)}m_{031}^{(22)}+2m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(10)}m_{022}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(10)}m_{013}^{(11)}+m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(11)}m_{121}^{(22)}-m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(11)}m_{112}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(11)}m_{022}^{(20)}+m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(11)}m_{013}^{(10)}-m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(20)}m_{040}^{(22)}\\
&+2m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(20)}m_{031}^{(21)}-m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(20)}m_{022}^{(11)}+m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(21)}m_{130}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(21)}m_{121}^{(21)}+m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(21)}m_{112}^{(11)}-m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(22)}m_{130}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(22)}m_{121}^{(11)}+m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(22)}m_{040}^{(20)}-m_{000}^{(21)}m_{100}^{(00)}m_{101}^{(22)}m_{031}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(10)}m_{112}^{(22)}+m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(10)}m_{103}^{(21)}+m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(10)}m_{013}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(10)}m_{004}^{(10)}+m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(11)}m_{202}^{(22)}-2m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(11)}m_{103}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(11)}m_{004}^{(00)}-m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(20)}m_{121}^{(22)}+m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(20)}m_{112}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(20)}m_{022}^{(20)}-m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(20)}m_{013}^{(10)}+m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(21)}m_{211}^{(22)}
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&-m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(21)}m_{202}^{(21)} - m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(21)}m_{112}^{(20)} + m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(21)}m_{103}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(22)}m_{211}^{(21)} + m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(22)}m_{121}^{(20)} + m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(22)}m_{112}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{020}^{(22)}m_{022}^{(00)} + m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(10)}m_{121}^{(22)} - m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(10)}m_{103}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(10)}m_{022}^{(20)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(10)}m_{013}^{(10)} - m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(11)}m_{211}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(11)}m_{202}^{(21)} + 3m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(11)}m_{112}^{(20)} + m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(11)}m_{103}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(11)}m_{013}^{(00)} + m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(20)}m_{130}^{(22)} - m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(20)}m_{112}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(20)}m_{031}^{(20)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(20)}m_{022}^{(10)} - m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(21)}m_{220}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(21)}m_{202}^{(11)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(21)}m_{121}^{(20)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(21)}m_{112}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(22)}m_{220}^{(21)} + m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(22)}m_{211}^{(11)} - m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(22)}m_{130}^{(20)}\\
&-3m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(22)}m_{121}^{(10)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{011}^{(22)}m_{031}^{(00)} - m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(10)}m_{121}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(10)}m_{112}^{(11)} + m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(10)}m_{031}^{(20)} - m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(10)}m_{022}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(11)}m_{211}^{(21)} - m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(11)}m_{121}^{(20)} - m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(11)}m_{112}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(11)}m_{022}^{(00)} - m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(20)}m_{130}^{(21)} + m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(20)}m_{121}^{(11)}\\
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&-m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(21)}m_{211}^{(11)} - m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(21)}m_{130}^{(20)} + m_{000}^{(21)}m_{100}^{(00)}m_{002}^{(21)}m_{121}^{(10)}\\
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&-m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(10)}m_{022}^{(22)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(10)}m_{013}^{(21)} - m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(10)}m_{004}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(11)}m_{112}^{(22)} - m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(11)}m_{103}^{(21)} - m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(11)}m_{013}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(11)}m_{004}^{(10)} - m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(20)}m_{031}^{(22)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(20)}m_{022}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(20)}m_{013}^{(11)} + m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(21)}m_{121}^{(22)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(21)}m_{112}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(21)}m_{103}^{(11)} - m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(22)}m_{121}^{(21)} + m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(22)}m_{112}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(22)}m_{031}^{(20)} - m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(22)}m_{022}^{(10)} - m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(00)}m_{022}^{(22)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(00)}m_{013}^{(21)} - m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(00)}m_{004}^{(11)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(10)}m_{112}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(10)}m_{103}^{(21)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(10)}m_{013}^{(20)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(10)}m_{004}^{(10)}\\
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&+m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(20)}m_{121}^{(22)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(20)}m_{112}^{(21)} + m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(20)}m_{103}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(21)}m_{211}^{(22)} + m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(21)}m_{202}^{(21)} + m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(21)}m_{112}^{(20)}\\
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&-2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(00)}m_{022}^{(21)} + m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(00)}m_{013}^{(11)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(10)}m_{112}^{(21)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(10)}m_{103}^{(11)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(10)}m_{022}^{(20)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(10)}m_{013}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(11)}m_{211}^{(22)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(11)}m_{202}^{(21)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(11)}m_{103}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(11)}m_{013}^{(00)} + m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(20)}m_{130}^{(22)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(20)}m_{121}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(20)}m_{112}^{(11)} - m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(21)}m_{220}^{(22)} + 3m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(21)}m_{211}^{(21)}\\
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&+m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(22)}m_{220}^{(21)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(22)}m_{211}^{(11)} - m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(22)}m_{130}^{(20)}\\
&+3m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(22)}m_{121}^{(10)} - m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(22)}m_{031}^{(00)} + m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(00)}m_{112}^{(22)}\\
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\begin{aligned}
&-m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(10)}m_{202}^{(22)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(10)}m_{103}^{(20)} - m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(10)}m_{004}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(20)}m_{202}^{(21)} - m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(20)}m_{112}^{(20)} - m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(20)}m_{103}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(20)}m_{013}^{(00)} - m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(00)}m_{121}^{(22)} + m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(00)}m_{103}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(00)}m_{022}^{(20)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(00)}m_{013}^{(10)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(10)}m_{202}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(10)}m_{112}^{(20)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(10)}m_{103}^{(10)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(10)}m_{013}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(11)}m_{301}^{(22)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(11)}m_{202}^{(20)} + m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(11)}m_{103}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(20)}m_{220}^{(22)} - m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(20)}m_{202}^{(11)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(20)}m_{121}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(20)}m_{112}^{(10)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(20)}m_{022}^{(00)} + m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(21)}m_{310}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(21)}m_{301}^{(21)} - m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(21)}m_{211}^{(20)} + m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(21)}m_{202}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(22)}m_{310}^{(21)} + m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(22)}m_{220}^{(20)} + m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(22)}m_{211}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(22)}m_{121}^{(00)} + m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(00)}m_{121}^{(21)} - m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(00)}m_{112}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(00)}m_{031}^{(20)} + m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(00)}m_{022}^{(10)} - m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(10)}m_{202}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(10)}m_{112}^{(10)} - m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(10)}m_{022}^{(00)} - m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(11)}m_{301}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(11)}m_{211}^{(20)} + m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(11)}m_{202}^{(10)} - m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(11)}m_{112}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(20)}m_{220}^{(21)} - m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(20)}m_{130}^{(20)} - m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(20)}m_{121}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(20)}m_{031}^{(00)} - m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(21)}m_{310}^{(21)} + m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(21)}m_{301}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(21)}m_{220}^{(20)} - m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(21)}m_{211}^{(10)} + m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(22)}m_{310}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(22)}m_{220}^{(10)} + m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(22)}m_{130}^{(00)} + m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(00)}m_{022}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(00)}m_{013}^{(21)} + m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(00)}m_{004}^{(11)} - m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(10)}m_{112}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(10)}m_{103}^{(21)} + m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(10)}m_{013}^{(20)} - m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(10)}m_{004}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(20)}m_{112}^{(21)} - m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(20)}m_{103}^{(11)} - m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(20)}m_{022}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{200}^{(20)}m_{013}^{(10)} - m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(00)}m_{112}^{(22)} + m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(00)}m_{103}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(00)}m_{013}^{(20)} - m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(00)}m_{004}^{(10)} + m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(10)}m_{202}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(10)}m_{103}^{(20)} + m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(10)}m_{004}^{(00)} - m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(20)}m_{202}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(20)}m_{112}^{(20)} + m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(20)}m_{103}^{(10)} - m_{000}^{(21)}m_{100}^{(11)}m_{110}^{(20)}m_{013}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(00)}m_{121}^{(22)} + 3m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(00)}m_{112}^{(21)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(00)}m_{103}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(00)}m_{022}^{(20)} + m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(00)}m_{013}^{(10)} + m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(10)}m_{211}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(10)}m_{202}^{(21)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(10)}m_{103}^{(10)} - m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(10)}m_{013}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(20)}m_{211}^{(21)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(20)}m_{202}^{(11)} + m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(20)}m_{121}^{(20)}\\
&-3m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(20)}m_{112}^{(10)} + m_{000}^{(21)}m_{100}^{(11)}m_{101}^{(20)}m_{022}^{(00)} + m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(00)}m_{211}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(00)}m_{202}^{(21)} - m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(00)}m_{112}^{(20)} + m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(00)}m_{103}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(10)}m_{301}^{(22)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(10)}m_{202}^{(20)} - m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(10)}m_{103}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(20)}m_{301}^{(21)} - m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(20)}m_{211}^{(20)} - m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(20)}m_{202}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{011}^{(20)}m_{112}^{(00)} - m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(00)}m_{211}^{(21)} + m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(00)}m_{202}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(00)}m_{121}^{(20)} - m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(00)}m_{112}^{(10)} + m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(10)}m_{301}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(10)}m_{211}^{(20)} - m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(10)}m_{202}^{(10)} + m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(10)}m_{112}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(20)}m_{301}^{(11)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(20)}m_{211}^{(10)} - m_{000}^{(21)}m_{100}^{(11)}m_{002}^{(20)}m_{121}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(10)}m_{031}^{(22)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(10)}m_{022}^{(21)} + m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(10)}m_{013}^{(11)}
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&-m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(11)}m_{121}^{(22)} + m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(11)}m_{112}^{(21)} + m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(11)}m_{022}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(11)}m_{013}^{(10)} + m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(20)}m_{040}^{(22)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(20)}m_{031}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(20)}m_{022}^{(11)} - m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(21)}m_{130}^{(22)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(21)}m_{121}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(21)}m_{112}^{(11)} + m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(21)}m_{130}^{(21)} - m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(22)}m_{121}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(22)}m_{040}^{(20)} + m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(22)}m_{031}^{(10)} - m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(00)}m_{031}^{(22)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(00)}m_{022}^{(21)} - m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(00)}m_{013}^{(11)} - m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(10)}m_{121}^{(22)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(10)}m_{112}^{(21)} - m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(10)}m_{103}^{(11)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(11)}m_{211}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(11)}m_{202}^{(21)} - 3m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(11)}m_{112}^{(20)} + m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(11)}m_{103}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(11)}m_{013}^{(00)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(20)}m_{130}^{(22)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(20)}m_{121}^{(21)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(20)}m_{031}^{(20)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(20)}m_{022}^{(10)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(21)}m_{220}^{(22)}\\
&-3m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(21)}m_{211}^{(21)} + m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(21)}m_{202}^{(11)} - m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(21)}m_{121}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(21)}m_{112}^{(10)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(22)}m_{220}^{(21)} + m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(22)}m_{211}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(22)}m_{130}^{(20)} - m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(22)}m_{031}^{(00)} + m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(20)}m_{040}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(00)}m_{031}^{(21)} + m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(00)}m_{022}^{(11)} - m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(10)}m_{130}^{(22)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(10)}m_{121}^{(21)} - m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(10)}m_{112}^{(11)} - m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(11)}m_{211}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(11)}m_{121}^{(20)} + m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(11)}m_{112}^{(10)} - m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(11)}m_{022}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(20)}m_{130}^{(21)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(20)}m_{121}^{(11)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(20)}m_{040}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(20)}m_{031}^{(10)} - m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(21)}m_{220}^{(21)} + m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(21)}m_{211}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(21)}m_{130}^{(20)} - m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(21)}m_{121}^{(10)} + m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(22)}m_{220}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(22)}m_{130}^{(10)} + m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(22)}m_{040}^{(00)} + m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(00)}m_{121}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(00)}m_{112}^{(21)} - m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(00)}m_{022}^{(20)} + m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(00)}m_{013}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(10)}m_{202}^{(21)} + m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(10)}m_{112}^{(20)} + m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(10)}m_{103}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(10)}m_{013}^{(00)} - m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(11)}m_{301}^{(22)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(11)}m_{202}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(11)}m_{103}^{(00)} + m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(20)}m_{220}^{(22)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(20)}m_{121}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(20)}m_{022}^{(00)} - m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(21)}m_{310}^{(22)} + m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(21)}m_{301}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(21)}m_{211}^{(20)} - m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(21)}m_{202}^{(10)} + m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(22)}m_{310}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(22)}m_{220}^{(20)} - m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(22)}m_{211}^{(10)} + m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(22)}m_{121}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(00)}m_{130}^{(22)} + m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(00)}m_{112}^{(11)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(00)}m_{031}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(00)}m_{022}^{(10)} + m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(10)}m_{220}^{(22)} + m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(10)}m_{202}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(10)}m_{121}^{(20)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(10)}m_{112}^{(10)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(10)}m_{022}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(11)}m_{301}^{(21)} - m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(11)}m_{211}^{(20)} - m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(11)}m_{202}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(11)}m_{112}^{(00)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(20)}m_{220}^{(21)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(20)}m_{130}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(20)}m_{121}^{(10)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(20)}m_{031}^{(00)} + m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(21)}m_{310}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(21)}m_{301}^{(11)} - m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(21)}m_{220}^{(20)} + m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(21)}m_{211}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(22)}m_{310}^{(11)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(22)}m_{220}^{(10)} - m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(22)}m_{130}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(00)}m_{130}^{(21)} - m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(00)}m_{121}^{(11)} - m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(00)}m_{040}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(00)}m_{031}^{(10)} - m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(10)}m_{220}^{(21)} + m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(10)}m_{130}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(10)}m_{121}^{(10)} - m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(10)}m_{031}^{(00)} + m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(20)}m_{220}^{(11)}
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&-2m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(20)}m_{130}^{(10)} + m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(20)}m_{040}^{(00)} + m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(00)}m_{121}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(00)}m_{112}^{(21)} + m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(00)}m_{103}^{(11)} - m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(10)}m_{211}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(10)}m_{202}^{(21)} + m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(10)}m_{112}^{(20)} - m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(10)}m_{103}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(20)}m_{211}^{(21)} - m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(20)}m_{202}^{(11)} - m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(20)}m_{121}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(20)}m_{112}^{(10)} - m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(00)}m_{130}^{(22)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(00)}m_{121}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(00)}m_{112}^{(11)} + m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(10)}m_{220}^{(22)} - m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(10)}m_{211}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(20)}m_{121}^{(10)} + m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(10)}m_{112}^{(10)} - m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(20)}m_{220}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(20)}m_{211}^{(11)} + m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(20)}m_{130}^{(20)} - m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(20)}m_{121}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(00)}m_{211}^{(22)} + m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(00)}m_{202}^{(21)} + m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(00)}m_{112}^{(20)}\\
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&+m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(10)}m_{103}^{(00)} - m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(20)}m_{301}^{(21)} + m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(20)}m_{211}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(20)}m_{202}^{(10)} - m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(20)}m_{112}^{(00)} + m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(00)}m_{220}^{(22)}\\
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&+m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(10)}m_{202}^{(10)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(10)}m_{112}^{(00)} + m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(20)}m_{310}^{(21)}\\
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&+2m_{000}^{(21)}m_{100}^{(21)}m_{011}^{(20)}m_{121}^{(00)} - m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(00)}m_{220}^{(21)} + m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(00)}m_{211}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(00)}m_{130}^{(20)} - m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(00)}m_{121}^{(10)} + m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(10)}m_{310}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(10)}m_{220}^{(20)} - m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(10)}m_{211}^{(10)} + m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(10)}m_{121}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(20)}m_{310}^{(11)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(20)}m_{220}^{(10)} - m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(20)}m_{130}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(00)}m_{040}^{(22)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(00)}m_{031}^{(21)} - m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(00)}m_{022}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(10)}m_{130}^{(22)} - m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(10)}m_{121}^{(21)} - m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(10)}m_{031}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(10)}m_{022}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(20)}m_{130}^{(21)} + m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(20)}m_{121}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(20)}m_{040}^{(20)} - m_{000}^{(21)}m_{100}^{(22)}m_{200}^{(20)}m_{031}^{(10)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(00)}m_{130}^{(22)}\\
&-3m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(00)}m_{121}^{(21)} + m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(00)}m_{112}^{(11)} - m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(00)}m_{031}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(00)}m_{022}^{(10)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{220}^{(22)} + m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{211}^{(21)}\\
&+3m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{121}^{(20)} - m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{112}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(10)}m_{022}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(20)}m_{121}^{(21)} - m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(20)}m_{211}^{(11)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(20)}m_{130}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{110}^{(20)}m_{031}^{(00)} - m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(00)}m_{130}^{(21)} + m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(00)}m_{121}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(00)}m_{040}^{(20)} - m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(00)}m_{031}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(10)}m_{220}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(10)}m_{130}^{(20)} - m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(10)}m_{121}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(10)}m_{031}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(20)}m_{220}^{(11)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(20)}m_{130}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{101}^{(20)}m_{040}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(00)}m_{220}^{(22)} + m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(00)}m_{211}^{(21)} + m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(00)}m_{121}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(00)}m_{112}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(10)}m_{310}^{(22)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(10)}m_{211}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(10)}m_{112}^{(00)} - m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(20)}m_{310}^{(21)} + m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(20)}m_{220}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(20)}m_{211}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{020}^{(20)}m_{121}^{(00)} + m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(00)}m_{220}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(00)}m_{211}^{(11)} - m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(00)}m_{130}^{(20)} + m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(00)}m_{121}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(10)}m_{310}^{(21)} + m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(10)}m_{220}^{(20)} + m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(10)}m_{211}^{(10)}
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&-m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(10)}m_{121}^{(00)} + m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(20)}m_{310}^{(11)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(20)}m_{220}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{011}^{(20)}m_{130}^{(00)} - m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(20)}m_{121}^{(22)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(20)}m_{112}^{(21)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(20)}m_{103}^{(11)} + m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(21)}m_{211}^{(22)} - m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(21)}m_{202}^{(21)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(21)}m_{112}^{(20)} + m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(21)}m_{103}^{(10)} - m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(22)}m_{211}^{(21)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(22)}m_{202}^{(11)} + m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(22)}m_{121}^{(20)} - m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(22)}m_{112}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(20)}m_{130}^{(22)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(20)}m_{121}^{(21)} + m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(20)}m_{112}^{(11)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(21)}m_{220}^{(22)} + m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(21)}m_{211}^{(21)} + m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(21)}m_{121}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(21)}m_{112}^{(10)} + m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(22)}m_{220}^{(21)} - m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(22)}m_{211}^{(11)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(22)}m_{130}^{(20)} + m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(22)}m_{121}^{(10)} + m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(20)}m_{211}^{(22)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(20)}m_{202}^{(21)} - m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(20)}m_{112}^{(20)} + m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(20)}m_{103}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(21)}m_{301}^{(22)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(21)}m_{202}^{(20)} - m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(21)}m_{103}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(22)}m_{301}^{(21)} - m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(22)}m_{211}^{(20)} - m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(22)}m_{202}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(22)}m_{112}^{(00)} - m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(20)}m_{220}^{(22)} + m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(20)}m_{202}^{(11)}\\
&+2m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(20)}m_{121}^{(20)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(20)}m_{112}^{(10)} + m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(21)}m_{310}^{(22)}\\
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&+2m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(21)}m_{112}^{(00)} - m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(22)}m_{310}^{(21)} - m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(22)}m_{301}^{(11)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(22)}m_{220}^{(20)} + 3m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(22)}m_{211}^{(10)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(22)}m_{121}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(20)}m_{220}^{(21)} - m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(20)}m_{211}^{(11)} - m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(20)}m_{130}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(20)}m_{121}^{(10)} - m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(21)}m_{310}^{(21)} + m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(21)}m_{220}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(21)}m_{211}^{(10)} - m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(21)}m_{121}^{(00)} + m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(22)}m_{310}^{(11)}\\
&-2m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(22)}m_{220}^{(10)} + m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(22)}m_{130}^{(00)} + m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(20)}m_{121}^{(22)}\\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(20)}m_{112}^{(21)} + m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(20)}m_{103}^{(11)} - m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(21)}m_{211}^{(22)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(21)}m_{202}^{(21)} + m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(21)}m_{112}^{(20)} - m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(21)}m_{103}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(22)}m_{211}^{(21)} - m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(22)}m_{202}^{(11)} - m_{000}^{(21)}m_{010}^{(10)}m_{200}^{(22)}m_{121}^{(20)}\\
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&+m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{112}^{(20)} - m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(20)}m_{103}^{(10)} + m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(21)}m_{301}^{(22)}\\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(21)}m_{202}^{(20)} + m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(21)}m_{103}^{(00)} - m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(22)}m_{301}^{(21)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(22)}m_{211}^{(20)} + m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(22)}m_{202}^{(10)} - m_{000}^{(21)}m_{010}^{(10)}m_{110}^{(22)}m_{112}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{220}^{(22)} + 3m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{211}^{(21)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{202}^{(11)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{121}^{(20)} + m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(20)}m_{112}^{(10)} + m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{310}^{(22)}\\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{301}^{(21)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{202}^{(10)} - m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(21)}m_{112}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(22)}m_{310}^{(21)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(22)}m_{301}^{(11)} + m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(22)}m_{220}^{(20)}\\
&-3m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(22)}m_{211}^{(10)} + m_{000}^{(21)}m_{010}^{(10)}m_{101}^{(22)}m_{121}^{(00)} + m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{310}^{(22)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{301}^{(21)} - m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{211}^{(20)} + m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(20)}m_{202}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(21)}m_{400}^{(22)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(21)}m_{301}^{(20)} - m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(21)}m_{202}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(22)}m_{400}^{(21)} - m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(22)}m_{310}^{(20)} - m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(22)}m_{301}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{011}^{(22)}m_{211}^{(00)} - m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(20)}m_{310}^{(21)} + m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(20)}m_{301}^{(11)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(20)}m_{220}^{(20)} - m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(20)}m_{211}^{(10)} + m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(21)}m_{400}^{(21)}
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&-m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(21)}m_{310}^{(20)} - m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(21)}m_{301}^{(10)} + m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(21)}m_{211}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(22)}m_{400}^{(11)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(22)}m_{310}^{(10)} - m_{000}^{(21)}m_{010}^{(10)}m_{002}^{(22)}m_{220}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(20)}m_{130}^{(22)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(20)}m_{121}^{(21)} - m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(20)}m_{112}^{(11)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{220}^{(22)} - m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{211}^{(21)} - m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{121}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{112}^{(10)} - m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(22)}m_{220}^{(21)} + m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(22)}m_{211}^{(11)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(22)}m_{130}^{(20)} - m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(22)}m_{121}^{(10)} + m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(00)}m_{121}^{(22)}\\
&-2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(00)}m_{112}^{(21)} + m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(00)}m_{103}^{(11)} - m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(10)}m_{211}^{(22)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(10)}m_{202}^{(21)} + m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(10)}m_{112}^{(20)} - m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(10)}m_{103}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{220}^{(22)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{211}^{(21)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{121}^{(20)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{112}^{(10)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{310}^{(22)} + m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{301}^{(21)}\\
&+3m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{211}^{(20)} - m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{202}^{(10)} - m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{112}^{(00)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(22)}m_{310}^{(21)} - m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(22)}m_{301}^{(11)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(22)}m_{220}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(22)}m_{121}^{(00)} - m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(00)}m_{130}^{(22)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(00)}m_{121}^{(21)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(00)}m_{112}^{(11)} + m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{220}^{(22)} - m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{211}^{(21)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{121}^{(20)} + m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{112}^{(10)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{220}^{(21)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{211}^{(11)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{130}^{(20)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(20)}m_{121}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{310}^{(21)} - m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{220}^{(20)} - m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{211}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{121}^{(00)} - m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(22)}m_{310}^{(11)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(22)}m_{220}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(22)}m_{130}^{(00)} - m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(00)}m_{211}^{(22)} + m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(00)}m_{202}^{(21)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(00)}m_{112}^{(20)} - m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(00)}m_{103}^{(10)} + m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(10)}m_{301}^{(22)}\\
&-2m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(10)}m_{202}^{(20)} + m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(10)}m_{103}^{(00)} - m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(20)}m_{310}^{(22)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(20)}m_{211}^{(20)} - m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(20)}m_{112}^{(00)} + m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(21)}m_{400}^{(22)}\\
&-2m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(21)}m_{301}^{(20)} + m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(21)}m_{202}^{(00)} - m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(22)}m_{400}^{(21)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(22)}m_{310}^{(20)} + m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(22)}m_{301}^{(10)} - m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(22)}m_{211}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{220}^{(22)} - m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{202}^{(11)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{121}^{(20)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{112}^{(10)} - m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{310}^{(22)} - m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{301}^{(21)}\\
&+3m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{211}^{(20)} + m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{202}^{(10)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{112}^{(00)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{310}^{(21)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{220}^{(20)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{211}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{121}^{(00)} - m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(21)}m_{400}^{(21)} + m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(21)}m_{310}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(21)}m_{301}^{(10)} - m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(21)}m_{211}^{(00)} + m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(22)}m_{400}^{(11)}\\
&-2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(22)}m_{310}^{(10)} + m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(22)}m_{220}^{(00)} - m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(00)}m_{220}^{(21)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(00)}m_{211}^{(11)} + m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(00)}m_{130}^{(20)} - m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(00)}m_{121}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(10)}m_{310}^{(21)} - m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(10)}m_{220}^{(20)} - m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(10)}m_{211}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(10)}m_{121}^{(00)} - m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(20)}m_{310}^{(11)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(20)}m_{220}^{(10)}\\
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&+m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{202}^{(11)} + m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{121}^{(20)} - m_{000}^{(21)}m_{010}^{(21)}m_{200}^{(20)}m_{112}^{(10)}
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&+m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(00)}m_{103}^{(10)} - m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(10)}m_{301}^{(22)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(10)}m_{202}^{(20)}\\
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&-m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(20)}m_{202}^{(10)} + m_{000}^{(21)}m_{010}^{(21)}m_{110}^{(20)}m_{112}^{(00)} + m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{220}^{(22)}\\
&-3m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{211}^{(21)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{202}^{(11)} + m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{121}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{112}^{(10)} - m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{310}^{(22)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{301}^{(21)}\\
&-2m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(10)}m_{202}^{(10)} + m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(00)}m_{112}^{(10)} + m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{310}^{(21)}\\
&-2m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{301}^{(11)} - m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{220}^{(20)} + 3m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{211}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{101}^{(20)}m_{121}^{(00)} - m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(00)}m_{310}^{(22)} + m_{000}^{(21)}m_{010}^{(21)}m_{011}^{(00)}m_{301}^{(21)}\\
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&+m_{000}^{(21)}m_{010}^{(21)}m_{002}^{(00)}m_{310}^{(21)} - m_{000}^{(21)}m_{010}^{(21)}m_{002}^{(00)}m_{301}^{(11)} - m_{000}^{(21)}m_{010}^{(21)}m_{002}^{(00)}m_{220}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(21)}m_{002}^{(00)}m_{211}^{(10)} - m_{000}^{(21)}m_{010}^{(21)}m_{002}^{(10)}m_{400}^{(21)} + m_{000}^{(21)}m_{010}^{(21)}m_{002}^{(10)}m_{310}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(21)}m_{002}^{(10)}m_{301}^{(10)} - m_{000}^{(21)}m_{010}^{(21)}m_{002}^{(10)}m_{211}^{(00)} + m_{000}^{(21)}m_{010}^{(21)}m_{002}^{(20)}m_{400}^{(11)}\\
&-2m_{000}^{(21)}m_{010}^{(21)}m_{002}^{(20)}m_{310}^{(10)} + m_{000}^{(21)}m_{010}^{(21)}m_{002}^{(20)}m_{220}^{(00)} + m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(00)}m_{130}^{(22)}\\
&-2m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(00)}m_{121}^{(21)} + m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(00)}m_{112}^{(11)} - m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{220}^{(22)}\\
&+m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{211}^{(21)} + m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{121}^{(20)} - m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(10)}m_{112}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{220}^{(21)} - m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{211}^{(11)} - m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{130}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(22)}m_{200}^{(20)}m_{121}^{(10)} - 2m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(00)}m_{220}^{(22)} + 3m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(00)}m_{211}^{(21)}\\
&-m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(00)}m_{202}^{(11)} + m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(00)}m_{121}^{(20)} - m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(00)}m_{112}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{310}^{(22)} - m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{301}^{(21)} - 3m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{211}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{202}^{(10)} + m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(10)}m_{112}^{(00)} - 2m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{310}^{(21)}\\
&+m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{301}^{(11)} + 2m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{220}^{(20)} - m_{000}^{(21)}m_{010}^{(22)}m_{110}^{(20)}m_{121}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(00)}m_{220}^{(21)} - m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(00)}m_{211}^{(11)} - m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(00)}m_{130}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(00)}m_{121}^{(10)} - m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{310}^{(21)} + m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{220}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{211}^{(10)} - m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(10)}m_{121}^{(00)} + m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(20)}m_{310}^{(11)}\\
&-2m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(20)}m_{220}^{(10)} + m_{000}^{(21)}m_{010}^{(22)}m_{101}^{(20)}m_{130}^{(00)} + m_{000}^{(21)}m_{010}^{(22)}m_{020}^{(00)}m_{310}^{(22)}\\
&-m_{000}^{(21)}m_{010}^{(22)}m_{020}^{(00)}m_{301}^{(21)} - m_{000}^{(21)}m_{010}^{(22)}m_{020}^{(00)}m_{211}^{(20)} + m_{000}^{(21)}m_{010}^{(22)}m_{020}^{(00)}m_{202}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(22)}m_{020}^{(10)}m_{400}^{(22)} + 2m_{000}^{(21)}m_{010}^{(22)}m_{020}^{(10)}m_{301}^{(20)} - m_{000}^{(21)}m_{010}^{(22)}m_{020}^{(10)}m_{202}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(22)}m_{020}^{(20)}m_{400}^{(21)} - m_{000}^{(21)}m_{010}^{(22)}m_{020}^{(20)}m_{310}^{(20)} - m_{000}^{(21)}m_{010}^{(22)}m_{020}^{(20)}m_{301}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(22)}m_{020}^{(20)}m_{211}^{(00)} - m_{000}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{310}^{(21)} + m_{000}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{301}^{(11)}\\
&+m_{000}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{220}^{(20)} - m_{000}^{(21)}m_{010}^{(22)}m_{011}^{(00)}m_{211}^{(10)} + m_{000}^{(21)}m_{010}^{(22)}m_{011}^{(10)}m_{400}^{(21)}\\
&-m_{000}^{(21)}m_{010}^{(22)}m_{011}^{(10)}m_{310}^{(20)} - m_{000}^{(21)}m_{010}^{(22)}m_{011}^{(10)}m_{301}^{(10)} + m_{000}^{(21)}m_{010}^{(22)}m_{011}^{(10)}m_{211}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(22)}m_{011}^{(20)}m_{400}^{(11)} + 2m_{000}^{(21)}m_{010}^{(22)}m_{011}^{(20)}m_{310}^{(10)} - m_{000}^{(21)}m_{010}^{(22)}m_{011}^{(20)}m_{220}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(10)}m_{121}^{(22)} + 2m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(10)}m_{112}^{(21)} - m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(10)}m_{103}^{(11)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(11)}m_{211}^{(22)} - m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(11)}m_{202}^{(21)} - m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(11)}m_{112}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(11)}m_{103}^{(10)} - m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{211}^{(21)} + m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{202}^{(11)}
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&+m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{121}^{(20)} - m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{112}^{(10)} + m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(10)}m_{130}^{(22)}\\
&-2m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(10)}m_{121}^{(21)} + m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(10)}m_{112}^{(11)} - m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(11)}m_{220}^{(22)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(11)}m_{211}^{(21)} + m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(11)}m_{121}^{(20)} - m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(11)}m_{112}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{220}^{(21)} - m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{211}^{(11)} - m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{130}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{121}^{(10)} + m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(10)}m_{211}^{(22)} - m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(10)}m_{202}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(10)}m_{112}^{(20)} + m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(10)}m_{103}^{(10)} - m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(11)}m_{301}^{(22)}\\
&+2m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(11)}m_{202}^{(20)} - m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(11)}m_{103}^{(00)} + m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(21)}m_{301}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(21)}m_{211}^{(20)} - m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(21)}m_{202}^{(10)} + m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(21)}m_{112}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{220}^{(22)} + m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{202}^{(11)} + 2m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{121}^{(20)}\\
&-2m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{112}^{(10)} + m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(11)}m_{310}^{(22)} + m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(11)}m_{301}^{(21)}\\
&-3m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(11)}m_{211}^{(20)} - m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(11)}m_{202}^{(10)} + 2m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(11)}m_{112}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{310}^{(21)} - m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{301}^{(11)} + m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{220}^{(20)}\\
&+3m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{211}^{(10)} - 2m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(21)}m_{121}^{(00)} + m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{002}^{(21)}m_{220}\\
&-m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{002}^{(11)}m_{211} - m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{002}^{(20)}m_{130} + m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{002}^{(10)}m_{121}\\
&-m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{310} + m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{002}^{(20)}m_{220} + m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{002}^{(10)}m_{211}\\
&-m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{002}^{(00)}m_{121} + m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{002}^{(11)}m_{310} - 2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{002}^{(10)}m_{220}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{002}^{(00)}m_{130} + m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(10)}m_{200}^{(22)}m_{121} - 2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{112}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(10)}m_{200}^{(11)}m_{103} - m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(22)}m_{211} + m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(21)}m_{202}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(20)}m_{112} - m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{200}^{(10)}m_{103} + m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{211}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{202} - m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{121} + m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{112}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(00)}m_{110}^{(22)}m_{121} - 2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(00)}m_{110}^{(21)}m_{112} + m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(00)}m_{110}^{(11)}m_{103}\\
&-2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(10)}m_{110}^{(10)}m_{211}^{(22)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(10)}m_{110}^{(10)}m_{202}^{(21)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(10)}m_{110}^{(10)}m_{112}^{(20)}\\
&-2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(10)}m_{110}^{(10)}m_{103}^{(10)} + m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(22)}m_{301} - 2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(20)}m_{202}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{110}^{(00)}m_{103} + m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{211} - m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{202}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{121} + m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{110}^{(10)}m_{112} - m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{301}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{211} + m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(10)}m_{202} - m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{112}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(00)}m_{101}^{(22)}m_{130} + 2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(00)}m_{101}^{(21)}m_{121} - m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(00)}m_{101}^{(11)}m_{112}\\
&+2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{211} - 2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{202} - 2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(10)}m_{101}^{(20)}m_{121}\\
&+2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{112} + m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(22)}m_{310} - 2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(21)}m_{301}\\
&+2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(10)}m_{202} - m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{101}^{(00)}m_{112} - m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{220}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{211} + m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(20)}m_{130} - m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{121}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{310} + 2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{301} + m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(20)}m_{220}\\
&-3m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{211} + m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{121} - m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(00)}m_{020}^{(22)}m_{211}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(00)}m_{020}^{(21)}m_{202} + m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(00)}m_{020}^{(20)}m_{112} - m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(00)}m_{020}^{(10)}m_{103}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(10)}m_{020}^{(22)}m_{301} - 2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{202} + m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(10)}m_{020}^{(00)}m_{103}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{301} + m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{211} + m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{202}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{112} + m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(00)}m_{011}^{(22)}m_{220} - m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(00)}m_{011}^{(11)}m_{202}\\
&-2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(00)}m_{011}^{(20)}m_{121} + 2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(00)}m_{011}^{(10)}m_{112} - 2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(10)}m_{011}^{(21)}m_{301}
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&+2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{211}^{(20)}+2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{202}^{(10)}-2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{112}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(11)}m_{400}^{(22)}+2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(11)}m_{301}^{(20)}-m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(11)}m_{202}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{310}^{(21)}+m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{301}^{(11)}-m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{220}^{(20)}\\
&-3m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{211}^{(10)}+2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{121}^{(00)}+m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{400}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{310}^{(20)}-m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{301}^{(10)}+m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(21)}m_{211}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(00)}m_{220}^{(21)}+m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(00)}m_{211}^{(11)}+m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(00)}m_{130}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(00)}m_{121}^{(10)}+m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{301}^{(11)}-2m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{211}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{121}^{(00)}+m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(11)}m_{400}^{(21)}-m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(11)}m_{310}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(11)}m_{301}^{(10)}+m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(11)}m_{211}^{(00)}-m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(20)}m_{310}^{(11)}\\
&+2m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(20)}m_{220}^{(10)}-m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(20)}m_{130}^{(00)}-m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(21)}m_{400}^{(11)}\\
&+2m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(21)}m_{310}^{(10)}-m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(21)}m_{220}^{(00)}-m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(00)}m_{121}^{(22)}\\
&+2m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(00)}m_{112}^{(21)}-m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(00)}m_{103}^{(11)}+m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{211}^{(22)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{202}^{(21)}-m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{112}^{(20)}+m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(10)}m_{103}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{211}^{(21)}+m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{202}^{(11)}+m_{000}^{(21)}m_{001}^{(11)}m_{200}^{(20)}m_{121}^{(20)}\\
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&-m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(00)}m_{112}^{(20)}+m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(00)}m_{103}^{(10)}-m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(10)}m_{301}^{(22)}\\
&+2m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(10)}m_{202}^{(20)}-m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(10)}m_{103}^{(00)}+m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{301}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{211}^{(20)}-m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{202}^{(10)}+m_{000}^{(21)}m_{001}^{(11)}m_{110}^{(20)}m_{112}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{220}^{(22)}-3m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{211}^{(21)}+2m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{202}^{(11)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{121}^{(20)}-m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(00)}m_{112}^{(10)}-m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{310}^{(22)}\\
&+2m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{301}^{(21)}-2m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{202}^{(10)}+m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(10)}m_{112}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{310}^{(21)}-2m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{301}^{(11)}-m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{220}^{(20)}\\
&+3m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{211}^{(10)}-m_{000}^{(21)}m_{001}^{(11)}m_{101}^{(20)}m_{121}^{(00)}-m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(00)}m_{310}^{(22)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(00)}m_{301}^{(21)}+m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(00)}m_{211}^{(20)}-m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(00)}m_{202}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(10)}m_{400}^{(22)}-2m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(10)}m_{301}^{(20)}+m_{000}^{(21)}m_{001}^{(11)}m_{011}^{(10)}m_{202}^{(00)}\\
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&-m_{000}^{(21)}m_{001}^{(11)}m_{002}^{(00)}m_{220}^{(20)}+m_{000}^{(21)}m_{001}^{(11)}m_{002}^{(00)}m_{211}^{(10)}-m_{000}^{(21)}m_{001}^{(11)}m_{002}^{(10)}m_{400}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{002}^{(10)}m_{310}^{(20)}+m_{000}^{(21)}m_{001}^{(11)}m_{002}^{(10)}m_{301}^{(10)}-m_{000}^{(21)}m_{001}^{(11)}m_{002}^{(10)}m_{211}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{002}^{(20)}m_{400}^{(11)}-2m_{000}^{(21)}m_{001}^{(11)}m_{002}^{(20)}m_{310}^{(10)}+m_{000}^{(21)}m_{001}^{(11)}m_{002}^{(20)}m_{220}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{130}^{(22)}+2m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{121}^{(21)}-m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(10)}m_{112}^{(11)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{220}^{(22)}-m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{211}^{(21)}-m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{121}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(11)}m_{112}^{(10)}-m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{220}^{(21)}+m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{211}^{(11)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{130}^{(20)}-m_{000}^{(21)}m_{001}^{(20)}m_{200}^{(21)}m_{121}^{(10)}+2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{220}^{(22)}\\
&-3m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{211}^{(21)}+m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{202}^{(11)}-m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{121}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(10)}m_{112}^{(10)}-2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{310}^{(22)}+m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{301}^{(21)}\\
&+3m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{211}^{(20)}-m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{202}^{(10)}-m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(11)}m_{112}^{(00)}\\
&+2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{310}^{(21)}-m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{301}^{(11)}-2m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{220}^{(20)}
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&+m_{000}^{(21)}m_{001}^{(20)}m_{110}^{(21)}m_{121}^{(00)} - m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{220}^{(21)} + m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{211}^{(11)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{130}^{(20)} - m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(10)}m_{121}^{(10)} + m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{310}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{220}^{(20)} - m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{211}^{(10)} + m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(11)}m_{121}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(21)}m_{310}^{(11)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(21)}m_{220}^{(10)} - m_{000}^{(21)}m_{001}^{(20)}m_{101}^{(21)}m_{130}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{310}^{(22)} + m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{301}^{(21)} + m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{211}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(10)}m_{202}^{(10)} + m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(11)}m_{400}^{(22)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(11)}m_{301}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(11)}m_{202}^{(00)} - m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(21)}m_{400}^{(21)} + m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(21)}m_{310}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(21)}m_{301}^{(10)} - m_{000}^{(21)}m_{001}^{(20)}m_{020}^{(21)}m_{211}^{(00)} + m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{310}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{301}^{(11)} - m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{220}^{(20)} + m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(10)}m_{211}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(11)}m_{400}^{(21)} + m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(11)}m_{310}^{(20)} + m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(11)}m_{301}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(11)}m_{211}^{(00)} + m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(21)}m_{400}^{(11)} - 2m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(21)}m_{310}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(20)}m_{011}^{(21)}m_{220}^{(00)} + m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{130}^{(22)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{121}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(00)}m_{112}^{(11)} - m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{220}^{(22)} + m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{211}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{121}^{(20)} - m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(10)}m_{112}^{(10)} + m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{220}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{211}^{(11)} - m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{130}^{(20)} + m_{000}^{(21)}m_{001}^{(21)}m_{200}^{(20)}m_{121}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{220}^{(22)} + 3m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{211}^{(21)} - m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{202}^{(11)}\\
&+m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{121}^{(20)} - m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(00)}m_{112}^{(10)} + 2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{310}^{(22)}\\
&-m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{301}^{(21)} - 3m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{211}^{(20)} + m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{202}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(10)}m_{112}^{(00)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{310}^{(21)} + m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{301}^{(11)}\\
&+2m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{220}^{(20)} - m_{000}^{(21)}m_{001}^{(21)}m_{110}^{(20)}m_{121}^{(00)} + m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{220}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{211}^{(11)} - m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{130}^{(20)} + m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(00)}m_{121}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{310}^{(21)} + m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{220}^{(20)} + m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{211}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(10)}m_{121}^{(00)} + m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(20)}m_{310}^{(11)} - 2m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(20)}m_{220}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(21)}m_{101}^{(20)}m_{130}^{(00)} + m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(00)}m_{310}^{(22)} - m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(00)}m_{301}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(00)}m_{211}^{(20)} + m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(00)}m_{202}^{(10)} - m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(10)}m_{400}^{(22)}\\
&+2m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(10)}m_{301}^{(20)} - m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(10)}m_{202}^{(00)} + m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{400}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{310}^{(20)} - m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{301}^{(10)} + m_{000}^{(21)}m_{001}^{(21)}m_{020}^{(20)}m_{211}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{310}^{(21)} + m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{301}^{(11)} + m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{220}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(00)}m_{211}^{(10)} + m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{400}^{(21)} - m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{310}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{301}^{(10)} + m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(10)}m_{211}^{(00)} - m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(20)}m_{400}^{(11)}\\
&+2m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(20)}m_{310}^{(10)} - m_{000}^{(21)}m_{001}^{(21)}m_{011}^{(20)}m_{220}^{(00)} - m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(10)}m_{031}^{(22)}\\
&+2m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(10)}m_{022}^{(21)} - m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(10)}m_{013}^{(11)} + m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(11)}m_{121}^{(22)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(11)}m_{112}^{(21)} - m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(11)}m_{022}^{(20)} + m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(11)}m_{013}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(21)}m_{121}^{(21)} + m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(21)}m_{112}^{(11)} + m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(21)}m_{031}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{110}^{(21)}m_{022}^{(10)} + m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(10)}m_{040}^{(22)} - 2m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(10)}m_{031}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(10)}m_{022}^{(11)} - m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(11)}m_{130}^{(22)} + m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(11)}m_{121}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(11)}m_{031}^{(20)} - m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(11)}m_{022}^{(10)} + m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(21)}m_{130}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(21)}m_{121}^{(11)} - m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(21)}m_{040}^{(20)} + m_{000}^{(22)}m_{100}^{(00)}m_{101}^{(21)}m_{031}^{(10)}
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&+m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(10)}m_{121}^{(22)} - m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(10)}m_{112}^{(21)} - m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(10)}m_{022}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(10)}m_{013}^{(10)} - m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(11)}m_{211}^{(22)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(11)}m_{112}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(11)}m_{013}^{(00)} + m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(21)}m_{211}^{(21)} - m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(21)}m_{121}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(21)}m_{112}^{(10)} + m_{000}^{(22)}m_{100}^{(00)}m_{020}^{(21)}m_{022}^{(00)} - m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(10)}m_{130}^{(22)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(10)}m_{112}^{(11)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(10)}m_{031}^{(20)} - 2m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(10)}m_{022}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(11)}m_{220}^{(22)} + m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(11)}m_{211}^{(21)} - 3m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(11)}m_{121}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(11)}m_{112}^{(10)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(11)}m_{022}^{(00)} - m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(21)}m_{220}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(21)}m_{211}^{(11)} + m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(21)}m_{130}^{(20)} + 3m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(21)}m_{121}^{(10)}\\
&-2m_{000}^{(22)}m_{100}^{(00)}m_{011}^{(21)}m_{031}^{(00)} + m_{000}^{(22)}m_{100}^{(00)}m_{002}^{(10)}m_{130}^{(21)} - m_{000}^{(22)}m_{100}^{(00)}m_{002}^{(10)}m_{121}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{002}^{(10)}m_{040}^{(20)} + m_{000}^{(22)}m_{100}^{(00)}m_{002}^{(10)}m_{031}^{(10)} - m_{000}^{(22)}m_{100}^{(00)}m_{002}^{(11)}m_{220}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{002}^{(11)}m_{130}^{(20)} + m_{000}^{(22)}m_{100}^{(00)}m_{002}^{(11)}m_{121}^{(10)} - m_{000}^{(22)}m_{100}^{(00)}m_{002}^{(11)}m_{031}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{002}^{(21)}m_{220}^{(11)} - 2m_{000}^{(22)}m_{100}^{(00)}m_{002}^{(21)}m_{130}^{(10)} + m_{000}^{(22)}m_{100}^{(00)}m_{002}^{(21)}m_{040}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{200}^{(10)}m_{031}^{(22)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{200}^{(10)}m_{022}^{(21)} + m_{000}^{(22)}m_{100}^{(10)}m_{200}^{(10)}m_{013}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{200}^{(11)}m_{121}^{(22)} + m_{000}^{(22)}m_{100}^{(10)}m_{200}^{(11)}m_{112}^{(21)} + m_{000}^{(22)}m_{100}^{(10)}m_{200}^{(11)}m_{022}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{200}^{(11)}m_{013}^{(10)} + m_{000}^{(22)}m_{100}^{(10)}m_{200}^{(21)}m_{121}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{200}^{(21)}m_{112}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{200}^{(21)}m_{031}^{(20)} + m_{000}^{(22)}m_{100}^{(10)}m_{200}^{(21)}m_{022}^{(10)} + m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(00)}m_{031}^{(22)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(00)}m_{022}^{(21)} + m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(00)}m_{013}^{(11)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(10)}m_{121}^{(22)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(10)}m_{112}^{(21)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(10)}m_{022}^{(20)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(10)}m_{013}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(11)}m_{211}^{(22)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(11)}m_{112}^{(20)} + m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(11)}m_{013}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(20)}m_{121}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(20)}m_{112}^{(11)} - m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(20)}m_{031}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(20)}m_{022}^{(10)} - m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(21)}m_{211}^{(21)} + m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(21)}m_{121}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(21)}m_{112}^{(10)} - m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(21)}m_{022}^{(00)} - m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(00)}m_{040}^{(22)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(00)}m_{031}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(00)}m_{022}^{(11)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(10)}m_{121}^{(21)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(10)}m_{112}^{(11)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(10)}m_{031}^{(20)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(10)}m_{022}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(11)}m_{220}^{(22)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(11)}m_{211}^{(21)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(11)}m_{112}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(11)}m_{022}^{(00)} - m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(20)}m_{130}^{(21)} + m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(20)}m_{121}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(20)}m_{040}^{(20)} - m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(20)}m_{031}^{(10)} - m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(21)}m_{220}^{(21)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(21)}m_{211}^{(11)} + m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(21)}m_{130}^{(20)} - 3m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(21)}m_{121}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(21)}m_{031}^{(00)} - m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(00)}m_{121}^{(22)} + m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(00)}m_{112}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(00)}m_{022}^{(20)} - m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(00)}m_{013}^{(10)} + m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(10)}m_{211}^{(22)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(10)}m_{112}^{(20)} + m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(10)}m_{013}^{(00)} - m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(20)}m_{211}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(20)}m_{121}^{(20)} + m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(20)}m_{112}^{(10)} - m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(20)}m_{022}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(00)}m_{130}^{(22)} - m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(00)}m_{112}^{(11)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(00)}m_{031}^{(20)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(00)}m_{022}^{(10)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(10)}m_{211}^{(21)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(10)}m_{121}^{(20)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(10)}m_{112}^{(10)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(10)}m_{022}^{(00)} - m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(11)}m_{310}^{(22)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(11)}m_{211}^{(20)} - m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(11)}m_{112}^{(00)} + m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(20)}m_{220}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(20)}m_{211}^{(11)} - m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(20)}m_{130}^{(20)} - 3m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(20)}m_{121}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(20)}m_{031}^{(00)} + m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(21)}m_{310}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(21)}m_{220}^{(20)}
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&-m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(21)}m_{211}^{(10)} + m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(21)}m_{121}^{(00)} - m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(00)}m_{130}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(00)}m_{121}^{(11)} + m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(00)}m_{040}^{(20)} - m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(00)}m_{031}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(10)}m_{211}^{(11)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(10)}m_{121}^{(10)} + m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(10)}m_{031}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(11)}m_{310}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(11)}m_{220}^{(20)} - m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(11)}m_{211}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(11)}m_{121}^{(00)} - m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(20)}m_{220}^{(11)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(20)}m_{130}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(20)}m_{040}^{(00)} - m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(21)}m_{310}^{(11)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(21)}m_{220}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(21)}m_{130}^{(00)} - m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(00)}m_{031}^{(22)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(00)}m_{022}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(00)}m_{013}^{(11)} + m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(10)}m_{121}^{(22)} - m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(10)}m_{112}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(10)}m_{022}^{(20)} + m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(10)}m_{013}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(20)}m_{121}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(20)}m_{112}^{(11)} + m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(20)}m_{031}^{(20)} - m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(20)}m_{022}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(00)}m_{121}^{(22)} - m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(00)}m_{112}^{(21)} - m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(00)}m_{022}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(00)}m_{013}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(10)}m_{211}^{(22)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(10)}m_{112}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(10)}m_{013}^{(00)} + m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(20)}m_{211}^{(21)} - m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(20)}m_{121}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(20)}m_{112}^{(10)} + m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(20)}m_{022}^{(00)} + m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(00)}m_{130}^{(22)}\\
&-3m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(00)}m_{121}^{(21)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(00)}m_{112}^{(11)} + m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(00)}m_{031}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(00)}m_{022}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(10)}m_{220}^{(22)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(10)}m_{211}^{(21)}\\
&-2m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(10)}m_{112}^{(10)} + m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(10)}m_{022}^{(00)} + m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(20)}m_{220}^{(21)}\\
&-2m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(20)}m_{211}^{(11)} - m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(20)}m_{130}^{(20)} + 3m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(20)}m_{121}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(20)}m_{031}^{(00)} - m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(00)}m_{220}^{(22)} + m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(00)}m_{211}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(00)}m_{121}^{(20)} - m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(00)}m_{112}^{(10)} + m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(10)}m_{310}^{(22)}\\
&-2m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(10)}m_{211}^{(20)} + m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(10)}m_{112}^{(00)} - m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(20)}m_{310}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(20)}m_{220}^{(20)} + m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(20)}m_{211}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(20)}m_{121}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(00)}m_{220}^{(21)} - m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(00)}m_{211}^{(11)} - m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(00)}m_{130}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(00)}m_{121}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(10)}m_{310}^{(21)} + m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(10)}m_{220}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(10)}m_{211}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(10)}m_{121}^{(00)} + m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(20)}m_{310}^{(11)}\\
&-2m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(20)}m_{220}^{(10)} + m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(20)}m_{130}^{(00)} - m_{000}^{(22)}m_{100}^{(20)}m_{200}^{(10)}m_{040}^{(22)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{200}^{(10)}m_{031}^{(21)} - m_{000}^{(22)}m_{100}^{(20)}m_{200}^{(10)}m_{022}^{(11)} + m_{000}^{(22)}m_{100}^{(20)}m_{200}^{(11)}m_{130}^{(22)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{200}^{(11)}m_{121}^{(21)} - m_{000}^{(22)}m_{100}^{(20)}m_{200}^{(11)}m_{031}^{(20)} + m_{000}^{(22)}m_{100}^{(20)}m_{200}^{(11)}m_{022}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{200}^{(21)}m_{130}^{(21)} + m_{000}^{(22)}m_{100}^{(20)}m_{200}^{(21)}m_{121}^{(11)} + m_{000}^{(22)}m_{100}^{(20)}m_{200}^{(21)}m_{040}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{200}^{(21)}m_{031}^{(10)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(10)}m_{130}^{(22)} - 3m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(10)}m_{121}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(10)}m_{112}^{(11)} - m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(10)}m_{031}^{(20)} + m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(10)}m_{022}^{(10)}\\
&-2m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(11)}m_{220}^{(22)} + m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(11)}m_{211}^{(21)} + 3m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(11)}m_{121}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(11)}m_{112}^{(10)} - m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(11)}m_{022}^{(00)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(21)}m_{220}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(21)}m_{211}^{(11)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(21)}m_{130}^{(20)} + m_{000}^{(22)}m_{100}^{(20)}m_{110}^{(21)}m_{031}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(10)}m_{130}^{(21)} + m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(10)}m_{121}^{(11)} + m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(10)}m_{040}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(10)}m_{031}^{(10)} + m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(11)}m_{220}^{(21)} - m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(11)}m_{130}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(11)}m_{121}^{(10)} + m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(11)}m_{031}^{(00)} - m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(21)}m_{220}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(21)}m_{130}^{(10)} - m_{000}^{(22)}m_{100}^{(20)}m_{101}^{(21)}m_{040}^{(00)} - m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(10)}m_{020}^{(22)}m_{220}^{(22)}
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&+m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(10)}m_{211}^{(21)} + m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(10)}m_{121}^{(20)} - m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(10)}m_{112}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(11)}m_{310}^{(22)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(11)}m_{211}^{(20)} + m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(11)}m_{112}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(21)}m_{310}^{(21)} + m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(21)}m_{220}^{(20)} + m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(21)}m_{211}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{020}^{(21)}m_{121}^{(00)} + m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(10)}m_{220}^{(21)} - m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(10)}m_{211}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(10)}m_{130}^{(20)} + m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(10)}m_{121}^{(10)} - m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(11)}m_{310}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(11)}m_{220}^{(20)} + m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(11)}m_{211}^{(10)} - m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(11)}m_{121}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(21)}m_{310}^{(11)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(21)}m_{220}^{(10)} + m_{000}^{(22)}m_{100}^{(20)}m_{011}^{(21)}m_{130}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(00)}m_{040}^{(22)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(00)}m_{031}^{(21)} + m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(00)}m_{022}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(10)}m_{130}^{(22)} + m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(10)}m_{121}^{(21)} + m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(10)}m_{031}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(10)}m_{022}^{(10)} + m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(20)}m_{130}^{(21)} - m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(20)}m_{121}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(20)}m_{040}^{(20)} + m_{000}^{(22)}m_{100}^{(21)}m_{200}^{(20)}m_{031}^{(10)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(00)}m_{130}^{(22)}\\
&+3m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(00)}m_{121}^{(21)} - m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(00)}m_{112}^{(11)} + m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(00)}m_{031}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(00)}m_{022}^{(10)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(10)}m_{220}^{(22)} - m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(10)}m_{211}^{(21)}\\
&-3m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(10)}m_{121}^{(20)} + m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(10)}m_{112}^{(10)} + m_{000}^{(22)}m_{100}^{(21)}m_{110}^{(10)}m_{022}^{(00)}\\
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&+m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(10)}m_{130}^{(20)} + m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(10)}m_{121}^{(10)} - m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(10)}m_{031}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(20)}m_{220}^{(11)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(20)}m_{130}^{(10)} + m_{000}^{(22)}m_{100}^{(21)}m_{101}^{(20)}m_{040}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(00)}m_{220}^{(22)} - m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(00)}m_{211}^{(21)} - m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(00)}m_{121}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(00)}m_{112}^{(10)} - m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(10)}m_{310}^{(22)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(10)}m_{211}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(10)}m_{112}^{(00)} + m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(20)}m_{310}^{(21)} - m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(20)}m_{220}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(20)}m_{211}^{(10)} + m_{000}^{(22)}m_{100}^{(21)}m_{020}^{(20)}m_{121}^{(00)} - m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(00)}m_{220}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(00)}m_{211}^{(11)} + m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(00)}m_{130}^{(20)} - m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(00)}m_{121}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(10)}m_{310}^{(21)} - m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(10)}m_{220}^{(20)} - m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(10)}m_{211}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(10)}m_{121}^{(00)} - m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(20)}m_{310}^{(11)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(20)}m_{220}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{011}^{(20)}m_{130}^{(00)} + m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(10)}m_{121}^{(22)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(10)}m_{112}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(11)}m_{103}^{(22)} - m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(11)}m_{211}^{(22)} + m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(11)}m_{202}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(11)}m_{112}^{(20)} - m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(11)}m_{103}^{(10)} + m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(21)}m_{211}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(21)}m_{202}^{(11)} - m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(21)}m_{121}^{(20)} + m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(21)}m_{112}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(10)}m_{130}^{(22)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(10)}m_{121}^{(21)} - m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(10)}m_{112}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(11)}m_{220}^{(22)} - m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(11)}m_{211}^{(21)} - m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(11)}m_{121}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(11)}m_{112}^{(10)} - m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(21)}m_{220}^{(21)} + m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(21)}m_{211}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(21)}m_{130}^{(20)} - m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(21)}m_{121}^{(10)} - m_{000}^{(22)}m_{010}^{(00)}m_{020}^{(10)}m_{211}^{(22)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{020}^{(10)}m_{202}^{(21)} + m_{000}^{(22)}m_{010}^{(00)}m_{020}^{(10)}m_{112}^{(20)} - m_{000}^{(22)}m_{010}^{(00)}m_{020}^{(10)}m_{103}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{020}^{(11)}m_{301}^{(22)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{020}^{(11)}m_{202}^{(20)} + m_{000}^{(22)}m_{010}^{(00)}m_{020}^{(11)}m_{103}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{020}^{(21)}m_{301}^{(21)} + m_{000}^{(22)}m_{010}^{(00)}m_{020}^{(21)}m_{211}^{(20)} + m_{000}^{(22)}m_{010}^{(00)}m_{020}^{(21)}m_{202}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{020}^{(21)}m_{112}^{(00)} + m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(10)}m_{220}^{(22)} - m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(10)}m_{202}^{(11)}
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&-2m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(10)}m_{121}^{(20)}+2m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(10)}m_{112}^{(10)}-m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(11)}m_{310}^{(22)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(11)}m_{301}^{(21)}+3m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(11)}m_{211}^{(20)}+m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(11)}m_{202}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(11)}m_{112}^{(00)}+m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(21)}m_{310}^{(21)}+m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(21)}m_{301}^{(11)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(21)}m_{220}^{(20)}-3m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(21)}m_{211}^{(10)}+2m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(21)}m_{121}^{(00)}\\
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&+2m_{000}^{(22)}m_{010}^{(00)}m_{002}^{(21)}m_{220}^{(10)}-m_{000}^{(22)}m_{010}^{(00)}m_{002}^{(21)}m_{130}^{(00)}-m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(10)}m_{121}^{(22)}\\
&+2m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(10)}m_{112}^{(21)}-m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(10)}m_{103}^{(11)}+m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(11)}m_{211}^{(22)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(11)}m_{202}^{(21)}-m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(11)}m_{112}^{(20)}+m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(11)}m_{103}^{(10)}\\
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&-2m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(10)}m_{112}^{(20)}+2m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(10)}m_{103}^{(10)}-m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(11)}m_{301}^{(22)}\\
&+2m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(11)}m_{202}^{(20)}-m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(11)}m_{103}^{(00)}-m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(20)}m_{211}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(20)}m_{202}^{(11)}+m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(20)}m_{121}^{(20)}-m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(20)}m_{112}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(21)}m_{301}^{(21)}-m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(21)}m_{211}^{(20)}-m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(21)}m_{202}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(21)}m_{112}^{(00)}+m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(00)}m_{130}^{(22)}-2m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(00)}m_{121}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(00)}m_{112}^{(11)}-2m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(10)}m_{211}^{(21)}+2m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(10)}m_{202}^{(11)}\\
&+2m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(10)}m_{121}^{(20)}-2m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(10)}m_{112}^{(10)}-m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(11)}m_{310}^{(22)}\\
&+2m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(11)}m_{301}^{(21)}-2m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(11)}m_{202}^{(10)}+m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(11)}m_{112}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(20)}m_{220}^{(21)}-m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(20)}m_{211}^{(11)}-m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(20)}m_{130}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(20)}m_{121}^{(10)}+m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(21)}m_{310}^{(21)}-2m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(21)}m_{301}^{(11)}\\
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&+m_{000}^{(22)}m_{010}^{(10)}m_{020}^{(00)}m_{103}^{(10)}-m_{000}^{(22)}m_{010}^{(10)}m_{020}^{(10)}m_{301}^{(22)}+2m_{000}^{(22)}m_{010}^{(10)}m_{020}^{(10)}m_{202}^{(20)}\\
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&-m_{000}^{(22)}m_{010}^{(10)}m_{020}^{(20)}m_{202}^{(10)}+m_{000}^{(22)}m_{010}^{(10)}m_{020}^{(20)}m_{112}^{(00)}-m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(00)}m_{220}^{(22)}\\
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&+2m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(10)}m_{301}^{(21)}-2m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(10)}m_{211}^{(20)}-2m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(10)}m_{202}^{(10)}\\
&+2m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(10)}m_{112}^{(00)}+m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(11)}m_{400}^{(22)}-2m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(11)}m_{301}^{(20)}\\
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&+2m_{000}^{(22)}m_{010}^{(10)}m_{002}^{(10)}m_{211}^{(10)}-m_{000}^{(22)}m_{010}^{(10)}m_{002}^{(10)}m_{121}^{(00)}-m_{000}^{(22)}m_{010}^{(10)}m_{002}^{(11)}m_{400}^{(21)}\\
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&+m_{000}^{(22)}m_{010}^{(10)}m_{002}^{(20)}m_{310}^{(11)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{002}^{(20)}m_{220}^{(10)} + m_{000}^{(22)}m_{010}^{(10)}m_{002}^{(20)}m_{130}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{002}^{(21)}m_{400}^{(11)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{002}^{(21)}m_{310}^{(10)} + m_{000}^{(22)}m_{010}^{(10)}m_{002}^{(21)}m_{220}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(00)}m_{121}^{(22)} - 2m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(00)}m_{112}^{(21)} + m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(00)}m_{103}^{(11)}\\
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&-m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(10)}m_{103}^{(10)} + m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(20)}m_{211}^{(21)} - m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(20)}m_{202}^{(11)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(20)}m_{121}^{(20)} + m_{000}^{(22)}m_{010}^{(11)}m_{200}^{(20)}m_{112}^{(10)} - m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(00)}m_{211}^{(22)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(00)}m_{202}^{(21)} + m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(00)}m_{112}^{(20)} - m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(00)}m_{103}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(10)}m_{301}^{(22)} - 2m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(10)}m_{202}^{(20)} + m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(10)}m_{103}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(20)}m_{301}^{(21)} + m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(20)}m_{211}^{(20)} + m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(20)}m_{202}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{110}^{(20)}m_{112}^{(00)} - m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(00)}m_{220}^{(22)} + 3m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(00)}m_{211}^{(21)}\\
&-2m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(00)}m_{202}^{(11)} - m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(00)}m_{121}^{(20)} + m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(00)}m_{112}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(10)}m_{310}^{(22)} - 2m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(10)}m_{301}^{(21)} + 2m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(10)}m_{202}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(10)}m_{112}^{(00)} - m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(20)}m_{310}^{(21)} + 2m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(20)}m_{301}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(20)}m_{220}^{(20)} - 3m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(20)}m_{211}^{(10)} + m_{000}^{(22)}m_{010}^{(11)}m_{101}^{(20)}m_{121}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{011}^{(00)}m_{310}^{(22)} - m_{000}^{(22)}m_{010}^{(11)}m_{011}^{(00)}m_{301}^{(21)} - m_{000}^{(22)}m_{010}^{(11)}m_{011}^{(00)}m_{211}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{011}^{(00)}m_{202}^{(10)} - m_{000}^{(22)}m_{010}^{(11)}m_{011}^{(10)}m_{400}^{(22)} + 2m_{000}^{(22)}m_{010}^{(11)}m_{011}^{(10)}m_{301}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{011}^{(10)}m_{202}^{(00)} + m_{000}^{(22)}m_{010}^{(11)}m_{011}^{(20)}m_{400}^{(21)} - m_{000}^{(22)}m_{010}^{(11)}m_{011}^{(20)}m_{310}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{011}^{(20)}m_{301}^{(10)} + m_{000}^{(22)}m_{010}^{(11)}m_{011}^{(20)}m_{211}^{(00)} - m_{000}^{(22)}m_{010}^{(11)}m_{002}^{(00)}m_{310}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{002}^{(00)}m_{301}^{(11)} + m_{000}^{(22)}m_{010}^{(11)}m_{002}^{(00)}m_{220}^{(20)} - m_{000}^{(22)}m_{010}^{(11)}m_{002}^{(00)}m_{211}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{002}^{(10)}m_{400}^{(21)} - m_{000}^{(22)}m_{010}^{(11)}m_{002}^{(10)}m_{310}^{(20)} - m_{000}^{(22)}m_{010}^{(11)}m_{002}^{(10)}m_{301}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{002}^{(10)}m_{211}^{(00)} - m_{000}^{(22)}m_{010}^{(11)}m_{002}^{(20)}m_{400}^{(11)} + 2m_{000}^{(22)}m_{010}^{(11)}m_{002}^{(20)}m_{310}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{002}^{(20)}m_{220}^{(00)} + m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(10)}m_{130}^{(22)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(10)}m_{121}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(10)}m_{112}^{(11)} - m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(11)}m_{220}^{(22)} + m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(11)}m_{211}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(11)}m_{121}^{(20)} - m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(11)}m_{112}^{(10)} + m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(21)}m_{220}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(21)}m_{211}^{(11)} - m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(21)}m_{130}^{(20)} + m_{000}^{(22)}m_{010}^{(20)}m_{200}^{(21)}m_{121}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(10)}m_{220}^{(22)} + 3m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(10)}m_{211}^{(21)} - m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(10)}m_{202}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(10)}m_{121}^{(20)} - m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(10)}m_{112}^{(10)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(11)}m_{310}^{(22)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(11)}m_{301}^{(21)} - 3m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(11)}m_{211}^{(20)} + m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(11)}m_{202}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(11)}m_{112}^{(00)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(21)}m_{310}^{(21)} + m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(21)}m_{301}^{(11)}\\
&+2m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(21)}m_{220}^{(20)} - m_{000}^{(22)}m_{010}^{(20)}m_{110}^{(21)}m_{121}^{(00)} + m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(10)}m_{220}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(10)}m_{211}^{(11)} - m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(10)}m_{130}^{(20)} + m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(10)}m_{121}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(11)}m_{310}^{(21)} + m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(11)}m_{220}^{(20)} + m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(11)}m_{211}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(11)}m_{121}^{(00)} + m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(21)}m_{310}^{(11)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(21)}m_{220}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{101}^{(21)}m_{130}^{(00)} + m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(22)}m_{310}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(10)}m_{301}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(10)}m_{211}^{(20)} + m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(10)}m_{202}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(11)}m_{400}^{(22)}\\
&+2m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(11)}m_{301}^{(20)} - m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(11)}m_{202}^{(00)} + m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(21)}m_{400}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(21)}m_{310}^{(20)} - m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(21)}m_{301}^{(10)} + m_{000}^{(22)}m_{010}^{(20)}m_{020}^{(21)}m_{211}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{310}^{(21)} + m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{301}^{(11)} + m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{220}^{(20)}
\end{aligned}
$$

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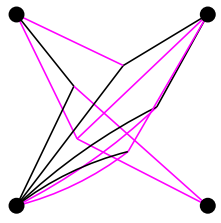
\begin{aligned}
&-m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(10)}m_{211}^{(10)} + m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(11)}m_{400}^{(21)} - m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(11)}m_{310}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(11)}m_{301}^{(10)} + m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(11)}m_{211}^{(00)} - m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(21)}m_{400}^{(11)}\\
&+2m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(21)}m_{310}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}m_{011}^{(21)}m_{220}^{(00)} - m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(00)}m_{130}^{(22)}\\
&+2m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(00)}m_{121}^{(21)} - m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(00)}m_{112}^{(11)} + m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(10)}m_{220}^{(22)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(10)}m_{211}^{(21)} - m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(10)}m_{121}^{(20)} + m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(10)}m_{112}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(20)}m_{220}^{(21)} + m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(20)}m_{211}^{(11)} + m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(20)}m_{130}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{200}^{(20)}m_{121}^{(10)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(00)}m_{220}^{(22)} - 3m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(00)}m_{211}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(00)}m_{202}^{(11)} - m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(00)}m_{121}^{(20)} + m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(00)}m_{112}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{310}^{(22)} + m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{301}^{(21)} + 3m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{211}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{202}^{(10)} - m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(10)}m_{112}^{(00)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(20)}m_{310}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(20)}m_{301}^{(11)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(20)}m_{220}^{(20)} + m_{000}^{(22)}m_{010}^{(21)}m_{110}^{(20)}m_{121}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(00)}m_{220}^{(21)} + m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(00)}m_{211}^{(11)} + m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(00)}m_{130}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(00)}m_{121}^{(10)} + m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(10)}m_{310}^{(21)} - m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(10)}m_{220}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(10)}m_{211}^{(10)} + m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(10)}m_{121}^{(00)} - m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(20)}m_{310}^{(11)}\\
&+2m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(20)}m_{220}^{(10)} - m_{000}^{(22)}m_{010}^{(21)}m_{101}^{(20)}m_{130}^{(00)} - m_{000}^{(22)}m_{010}^{(21)}m_{020}^{(00)}m_{310}^{(22)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{020}^{(00)}m_{301}^{(21)} + m_{000}^{(22)}m_{010}^{(21)}m_{020}^{(00)}m_{211}^{(20)} - m_{000}^{(22)}m_{010}^{(21)}m_{020}^{(00)}m_{202}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{020}^{(10)}m_{400}^{(22)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{020}^{(10)}m_{301}^{(20)} + m_{000}^{(22)}m_{010}^{(21)}m_{020}^{(10)}m_{202}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{020}^{(20)}m_{400}^{(21)} + m_{000}^{(22)}m_{010}^{(21)}m_{020}^{(20)}m_{310}^{(20)} + m_{000}^{(22)}m_{010}^{(21)}m_{020}^{(20)}m_{301}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{020}^{(20)}m_{211}^{(00)} + m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(00)}m_{310}^{(21)} - m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(00)}m_{301}^{(11)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(00)}m_{220}^{(20)} + m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(00)}m_{211}^{(10)} - m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(10)}m_{400}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(10)}m_{310}^{(20)} + m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(10)}m_{301}^{(10)} - m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(10)}m_{211}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(20)}m_{400}^{(11)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(20)}m_{310}^{(10)} + m_{000}^{(22)}m_{010}^{(21)}m_{011}^{(20)}m_{220}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{ccccc}
V1 & V1 & 1 & 1 & V2\\
1 & 1 & V2 & 2 & V3\\
V3 & 3 & 3 & V4 & V4
\end{array}
$$



$$
T_{172} = -m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(10)}m_{022}^{(22)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(10)}m_{013}^{(21)} - m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(10)}m_{004}^{(11)}
$$

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\begin{aligned}
&+m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(11)}m_{112}^{(22)} - m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(11)}m_{103}^{(21)} - m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(11)}m_{013}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(11)}m_{004}^{(10)} + m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(20)}m_{031}^{(22)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(20)}m_{022}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(20)}m_{013}^{(11)} - m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(21)}m_{121}^{(22)} + m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(21)}m_{103}^{(11)}\\
&+2m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(21)}m_{022}^{(20)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(21)}m_{013}^{(10)} + m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(22)}m_{121}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(22)}m_{112}^{(11)} - m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(22)}m_{031}^{(20)} + m_{000}^{(00)}m_{010}^{(21)}m_{200}^{(22)}m_{022}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(00)}m_{022}^{(22)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(00)}m_{013}^{(21)} + m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(00)}m_{004}^{(11)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(11)}m_{202}^{(22)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(11)}m_{103}^{(20)} - m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(11)}m_{004}^{(00)}\\
&-2m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(20)}m_{121}^{(22)} + 4m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(20)}m_{112}^{(21)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(20)}m_{103}^{(11)}\\
&+2m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(21)}m_{211}^{(22)} - 4m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(21)}m_{112}^{(20)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(21)}m_{013}^{(00)}\\
&-2m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(22)}m_{211}^{(21)} + m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(22)}m_{202}^{(11)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(22)}m_{121}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{110}^{(22)}m_{022}^{(00)} - m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(00)}m_{031}^{(22)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(00)}m_{022}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(00)}m_{013}^{(11)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(10)}m_{121}^{(22)} - 4m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(10)}m_{112}^{(21)}\\
&+2m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(10)}m_{103}^{(11)} - m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(11)}m_{211}^{(22)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(11)}m_{202}^{(21)}\\
&-2m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(11)}m_{103}^{(10)} + m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(11)}m_{013}^{(00)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{202}^{(11)}\\
&+4m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{112}^{(10)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(21)}m_{022}^{(00)} + m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(22)}m_{211}^{(11)}\\
&-2m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(22)}m_{121}^{(10)} + m_{000}^{(00)}m_{010}^{(21)}m_{101}^{(22)}m_{031}^{(00)} - m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(00)}m_{112}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(00)}m_{103}^{(21)} + m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(00)}m_{013}^{(20)} - m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(00)}m_{004}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(10)}m_{202}^{(22)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(10)}m_{103}^{(20)} + m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(10)}m_{004}^{(00)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(20)}m_{211}^{(22)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(20)}m_{202}^{(21)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(20)}m_{103}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(20)}m_{013}^{(00)} - m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(21)}m_{301}^{(22)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(21)}m_{202}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(21)}m_{103}^{(00)} + m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(22)}m_{301}^{(21)} - m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(22)}m_{211}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(22)}m_{202}^{(10)} + m_{000}^{(00)}m_{010}^{(21)}m_{020}^{(22)}m_{112}^{(00)} + m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(00)}m_{121}^{(22)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(00)}m_{103}^{(11)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(00)}m_{022}^{(20)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(00)}m_{013}^{(10)}\\
&-2m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(10)}m_{211}^{(22)} + 4m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(10)}m_{112}^{(20)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(10)}m_{013}^{(00)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(11)}m_{301}^{(22)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(11)}m_{202}^{(20)} + m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(11)}m_{103}^{(00)}\\
&+2m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{202}^{(11)} - 4m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{112}^{(10)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(20)}m_{022}^{(00)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{301}^{(11)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{211}^{(10)} - m_{000}^{(00)}m_{010}^{(21)}m_{011}^{(22)}m_{121}^{(00)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(00)}m_{121}^{(21)} + m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(00)}m_{112}^{(11)} + m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(00)}m_{031}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(00)}m_{022}^{(10)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(10)}m_{211}^{(21)} - m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(10)}m_{202}^{(11)}\\
&-2m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(10)}m_{121}^{(20)} + m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(10)}m_{022}^{(00)} - m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(11)}m_{301}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(11)}m_{211}^{(20)} + m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(11)}m_{202}^{(10)} - m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(11)}m_{112}^{(00)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(20)}m_{211}^{(11)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(20)}m_{121}^{(10)} - m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(20)}m_{031}^{(00)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(21)}m_{301}^{(11)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(21)}m_{211}^{(10)} + m_{000}^{(00)}m_{010}^{(21)}m_{002}^{(21)}m_{121}^{(00)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{200}^{(10)}m_{031}^{(22)} - 2m_{000}^{(00)}m_{010}^{(22)}m_{200}^{(10)}m_{022}^{(21)} + m_{000}^{(00)}m_{010}^{(22)}m_{200}^{(10)}m_{013}^{(11)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{200}^{(11)}m_{121}^{(22)} + m_{000}^{(00)}m_{010}^{(22)}m_{200}^{(11)}m_{112}^{(21)} + m_{000}^{(00)}m_{010}^{(22)}m_{200}^{(11)}m_{022}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{200}^{(11)}m_{013}^{(10)} - m_{000}^{(00)}m_{010}^{(22)}m_{200}^{(20)}m_{040}^{(22)} + 2m_{000}^{(00)}m_{010}^{(22)}m_{200}^{(20)}m_{031}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{200}^{(20)}m_{022}^{(11)} + m_{000}^{(00)}m_{010}^{(22)}m_{200}^{(21)}m_{130}^{(22)} - m_{000}^{(00)}m_{010}^{(22)}m_{200}^{(21)}m_{112}^{(11)}\\
&-2m_{000}^{(00)}m_{010}^{(22)}m_{200}^{(21)}m_{031}^{(20)} + 2m_{000}^{(00)}m_{010}^{(22)}m_{200}^{(21)}m_{022}^{(10)} - m_{000}^{(00)}m_{010}^{(22)}m_{200}^{(22)}m_{130}^{(21)}
\end{aligned}
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\begin{aligned}
&+m_{000}^{(00)}m_{010}^{(22)}m_{200}^{(22)}m_{121}^{(11)}+m_{000}^{(00)}m_{010}^{(22)}m_{200}^{(22)}m_{040}^{(20)}-m_{000}^{(00)}m_{010}^{(22)}m_{200}^{(22)}m_{031}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(00)}m_{031}^{(22)}+2m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(00)}m_{022}^{(21)}-m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(00)}m_{013}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(11)}m_{211}^{(22)}-2m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(11)}m_{112}^{(20)}+m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(11)}m_{013}^{(00)}\\
&+2m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(20)}m_{130}^{(22)}-4m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(20)}m_{121}^{(21)}+2m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(20)}m_{112}^{(11)}\\
&-2m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{220}^{(22)}+4m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{121}^{(20)}-2m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(21)}m_{022}^{(00)}\\
&+2m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(22)}m_{220}^{(21)}-m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(22)}m_{211}^{(11)}-2m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(22)}m_{130}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{110}^{(22)}m_{031}^{(00)}+m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(00)}m_{040}^{(22)}-2m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(00)}m_{031}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(00)}m_{022}^{(11)}-2m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(10)}m_{130}^{(22)}+4m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(10)}m_{121}^{(21)}\\
&-2m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(10)}m_{112}^{(11)}+m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(11)}m_{220}^{(22)}-2m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(11)}m_{211}^{(21)}\\
&+2m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(11)}m_{112}^{(10)}-m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(11)}m_{022}^{(00)}+2m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(21)}m_{211}^{(11)}\\
&-4m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(21)}m_{121}^{(10)}+2m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(21)}m_{031}^{(00)}-m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(22)}m_{220}^{(11)}\\
&+2m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(22)}m_{130}^{(10)}-m_{000}^{(00)}m_{010}^{(22)}m_{101}^{(22)}m_{040}^{(00)}+m_{000}^{(00)}m_{010}^{(22)}m_{020}^{(00)}m_{121}^{(22)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{020}^{(00)}m_{112}^{(21)}-m_{000}^{(00)}m_{010}^{(22)}m_{020}^{(00)}m_{022}^{(20)}+m_{000}^{(00)}m_{010}^{(22)}m_{020}^{(00)}m_{013}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{020}^{(10)}m_{211}^{(22)}+2m_{000}^{(00)}m_{010}^{(22)}m_{020}^{(10)}m_{112}^{(20)}-m_{000}^{(00)}m_{010}^{(22)}m_{020}^{(10)}m_{013}^{(00)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{020}^{(20)}m_{220}^{(22)}+2m_{000}^{(00)}m_{010}^{(22)}m_{020}^{(20)}m_{211}^{(21)}-2m_{000}^{(00)}m_{010}^{(22)}m_{020}^{(20)}m_{112}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{020}^{(20)}m_{022}^{(00)}+m_{000}^{(00)}m_{010}^{(22)}m_{020}^{(21)}m_{310}^{(22)}-2m_{000}^{(00)}m_{010}^{(22)}m_{020}^{(21)}m_{211}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{020}^{(21)}m_{112}^{(00)}-m_{000}^{(00)}m_{010}^{(22)}m_{020}^{(22)}m_{310}^{(21)}+m_{000}^{(00)}m_{010}^{(22)}m_{020}^{(22)}m_{220}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{020}^{(22)}m_{211}^{(10)}-m_{000}^{(00)}m_{010}^{(22)}m_{020}^{(22)}m_{121}^{(00)}-m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(00)}m_{130}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(00)}m_{112}^{(11)}+2m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(00)}m_{031}^{(20)}-2m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(00)}m_{022}^{(10)}\\
&+2m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(10)}m_{220}^{(22)}-4m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(10)}m_{121}^{(20)}+2m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(10)}m_{022}^{(00)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(11)}m_{310}^{(22)}+2m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(11)}m_{211}^{(20)}-m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(11)}m_{112}^{(00)}\\
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&+m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(22)}m_{310}^{(11)}-2m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(22)}m_{220}^{(10)}+m_{000}^{(00)}m_{010}^{(22)}m_{011}^{(22)}m_{130}^{(00)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{002}^{(00)}m_{130}^{(21)}-m_{000}^{(00)}m_{010}^{(22)}m_{002}^{(00)}m_{121}^{(11)}-m_{000}^{(00)}m_{010}^{(22)}m_{002}^{(00)}m_{040}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{002}^{(00)}m_{031}^{(10)}-2m_{000}^{(00)}m_{010}^{(22)}m_{002}^{(10)}m_{220}^{(21)}+m_{000}^{(00)}m_{010}^{(22)}m_{002}^{(10)}m_{211}^{(11)}\\
&+2m_{000}^{(00)}m_{010}^{(22)}m_{002}^{(10)}m_{130}^{(20)}-m_{000}^{(00)}m_{010}^{(22)}m_{002}^{(10)}m_{031}^{(00)}+m_{000}^{(00)}m_{010}^{(22)}m_{002}^{(11)}m_{310}^{(21)}\\
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&+m_{000}^{(00)}m_{001}^{(11)}m_{200}^{(10)}m_{022}^{(22)}-2m_{000}^{(00)}m_{001}^{(11)}m_{200}^{(10)}m_{013}^{(21)}+m_{000}^{(00)}m_{001}^{(11)}m_{200}^{(10)}m_{004}^{(11)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{200}^{(11)}m_{112}^{(22)}+m_{000}^{(00)}m_{001}^{(11)}m_{200}^{(11)}m_{103}^{(21)}+m_{000}^{(00)}m_{001}^{(11)}m_{200}^{(11)}m_{013}^{(20)}\\
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&+m_{000}^{(00)}m_{001}^{(11)}m_{200}^{(22)}m_{112}^{(11)}+m_{000}^{(00)}m_{001}^{(11)}m_{200}^{(22)}m_{031}^{(20)}-m_{000}^{(00)}m_{001}^{(11)}m_{200}^{(22)}m_{022}^{(10)}\\
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&+m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(11)}m_{202}^{(22)}-2m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(11)}m_{103}^{(20)}+m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(11)}m_{004}^{(00)}\\
&+2m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(20)}m_{121}^{(22)}-4m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(20)}m_{112}^{(21)}+2m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(20)}m_{103}^{(11)}
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&+2m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(22)}m_{211}^{(21)} - m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(22)}m_{202}^{(11)} - 2m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(22)}m_{121}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{110}^{(22)}m_{022}^{(00)} + m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(00)}m_{031}^{(22)} - 2m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(00)}m_{022}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(00)}m_{013}^{(11)} - 2m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(10)}m_{121}^{(22)} + 4m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(10)}m_{112}^{(21)}\\
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&-4m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{112}^{(10)} + 2m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(21)}m_{022}^{(00)} - m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(22)}m_{211}^{(11)}\\
&+2m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(22)}m_{121}^{(10)} - m_{000}^{(00)}m_{001}^{(11)}m_{101}^{(22)}m_{031}^{(00)} + m_{000}^{(00)}m_{001}^{(11)}m_{020}^{(00)}m_{112}^{(22)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{020}^{(00)}m_{103}^{(21)} - m_{000}^{(00)}m_{001}^{(11)}m_{020}^{(00)}m_{013}^{(20)} + m_{000}^{(00)}m_{001}^{(11)}m_{020}^{(00)}m_{004}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{020}^{(10)}m_{202}^{(22)} + 2m_{000}^{(00)}m_{001}^{(11)}m_{020}^{(10)}m_{103}^{(20)} - m_{000}^{(00)}m_{001}^{(11)}m_{020}^{(10)}m_{004}^{(00)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{020}^{(20)}m_{211}^{(22)} + 2m_{000}^{(00)}m_{001}^{(11)}m_{020}^{(20)}m_{202}^{(21)} - 2m_{000}^{(00)}m_{001}^{(11)}m_{020}^{(20)}m_{103}^{(10)}\\
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&+m_{000}^{(00)}m_{001}^{(11)}m_{020}^{(21)}m_{103}^{(00)} - m_{000}^{(00)}m_{001}^{(11)}m_{020}^{(22)}m_{301}^{(21)} + m_{000}^{(00)}m_{001}^{(11)}m_{020}^{(22)}m_{211}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{020}^{(22)}m_{202}^{(10)} - m_{000}^{(00)}m_{001}^{(11)}m_{020}^{(22)}m_{112}^{(00)} - m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(00)}m_{121}^{(22)}\\
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&+2m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(10)}m_{211}^{(22)} - 4m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(10)}m_{112}^{(20)} + 2m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(10)}m_{013}^{(00)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(11)}m_{301}^{(22)} + 2m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(11)}m_{202}^{(20)} - m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(11)}m_{103}^{(00)}\\
&-2m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{202}^{(11)} + 4m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{112}^{(10)} - 2m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(20)}m_{022}^{(00)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(22)}m_{301}^{(11)} - 2m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(22)}m_{211}^{(10)} + m_{000}^{(00)}m_{001}^{(11)}m_{011}^{(22)}m_{121}^{(00)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(00)}m_{121}^{(21)} - m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(00)}m_{112}^{(11)} - m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(00)}m_{031}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(00)}m_{022}^{(10)} - 2m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(10)}m_{211}^{(21)} + m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(10)}m_{202}^{(11)}\\
&+2m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(10)}m_{121}^{(20)} - m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(10)}m_{022}^{(00)} + m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(11)}m_{301}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(11)}m_{211}^{(20)} - m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(11)}m_{202}^{(10)} + m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(11)}m_{112}^{(00)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(20)}m_{211}^{(11)} - 2m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(20)}m_{121}^{(10)} + m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(20)}m_{031}^{(00)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{301}^{(11)} + 2m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{211}^{(10)} - m_{000}^{(00)}m_{001}^{(11)}m_{002}^{(21)}m_{121}^{(00)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(10)}m_{031}^{(22)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(10)}m_{022}^{(21)} - m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(10)}m_{013}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(11)}m_{121}^{(22)} - m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(11)}m_{112}^{(21)} - m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(11)}m_{022}^{(20)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(11)}m_{013}^{(10)} + m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(20)}m_{040}^{(22)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(20)}m_{031}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(20)}m_{022}^{(11)} - m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(21)}m_{130}^{(22)} + m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(21)}m_{112}^{(11)}\\
&+2m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(21)}m_{031}^{(20)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(21)}m_{022}^{(10)} + m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(21)}m_{130}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(22)}m_{121}^{(11)} - m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(22)}m_{040}^{(20)} + m_{000}^{(00)}m_{001}^{(21)}m_{200}^{(22)}m_{031}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(00)}m_{031}^{(22)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(00)}m_{022}^{(21)} + m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(00)}m_{013}^{(11)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(11)}m_{211}^{(22)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(11)}m_{112}^{(20)} - m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(11)}m_{013}^{(00)}\\
&-2m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{130}^{(22)} + 4m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{121}^{(21)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(20)}m_{112}^{(11)}\\
&+2m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{220}^{(22)} - 4m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{121}^{(20)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(21)}m_{022}^{(00)}\\
&-2m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(22)}m_{220}^{(21)} + m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(22)}m_{211}^{(11)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(22)}m_{130}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{110}^{(22)}m_{031}^{(00)} - m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(00)}m_{040}^{(22)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(00)}m_{031}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(00)}m_{022}^{(11)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{130}^{(22)} - 4m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{121}^{(21)}
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&+2m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(10)}m_{112}^{(11)} - m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{220}^{(22)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{211}^{(21)}\\
&-2m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{112}^{(10)} + m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(11)}m_{022}^{(00)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{211}^{(11)}\\
&+4m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{121}^{(10)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(21)}m_{031}^{(00)} + m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(22)}m_{220}^{(11)}\\
&-2m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(22)}m_{130}^{(10)} + m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(22)}m_{040}^{(00)} - m_{000}^{(00)}m_{001}^{(21)}m_{101}^{(00)}m_{020}^{(22)}m_{121}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(00)}m_{112}^{(21)} + m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(00)}m_{022}^{(20)} - m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(00)}m_{013}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{211}^{(22)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{112}^{(20)} + m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(10)}m_{013}^{(00)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{220}^{(22)} - 2m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{211}^{(21)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{112}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(20)}m_{022}^{(00)} - m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{310}^{(22)} + 2m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{211}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(21)}m_{112}^{(00)} + m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{310}^{(21)} - m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{220}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{211}^{(10)} + m_{000}^{(00)}m_{001}^{(21)}m_{020}^{(22)}m_{121}^{(00)} + m_{000}^{(00)}m_{001}^{(21)}m_{001}^{(00)}m_{011}^{(22)}m_{130}\\
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&-2m_{000}^{(00)}m_{001}^{(21)}m_{001}^{(10)}m_{011}^{(22)}m_{220} + 4m_{000}^{(00)}m_{001}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{121} - 2m_{000}^{(00)}m_{001}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{022}\\
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&-2m_{000}^{(10)}m_{100}^{(21)}m_{200}^{(21)}m_{022}^{(20)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{200}^{(21)}m_{013}^{(10)} - m_{000}^{(10)}m_{100}^{(21)}m_{200}^{(22)}m_{121}^{(21)}\\
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&+m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(11)}m_{202}^{(22)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(11)}m_{103}^{(20)} + m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(11)}m_{004}^{(00)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(20)}m_{121}^{(22)} - 4m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(20)}m_{112}^{(21)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(20)}m_{103}^{(11)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{211}^{(22)} + 4m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{112}^{(20)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(21)}m_{013}^{(00)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(22)}m_{211}^{(21)} - m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(22)}m_{202}^{(11)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(22)}m_{121}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{110}^{(22)}m_{022}^{(00)} + m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(00)}m_{031}^{(22)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(00)}m_{022}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(00)}m_{013}^{(11)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(10)}m_{121}^{(22)} + 4m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(10)}m_{112}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(10)}m_{103}^{(11)} + m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(11)}m_{211}^{(22)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(11)}m_{202}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(11)}m_{103}^{(10)} - m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(11)}m_{013}^{(00)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{202}^{(11)}\\
&-4m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{112}^{(10)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(21)}m_{022}^{(00)} - m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(22)}m_{211}^{(11)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(22)}m_{121}^{(10)} - m_{000}^{(10)}m_{100}^{(21)}m_{101}^{(22)}m_{031}^{(00)} + m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(00)}m_{112}^{(22)}
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&-m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(00)}m_{103}^{(21)} - m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(00)}m_{013}^{(20)} + m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(00)}m_{004}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(10)}m_{202}^{(22)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(10)}m_{103}^{(20)} - m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(10)}m_{004}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(20)}m_{211}^{(22)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(20)}m_{202}^{(21)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(20)}m_{103}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(20)}m_{013}^{(00)} + m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(21)}m_{301}^{(22)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(21)}m_{202}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(21)}m_{103}^{(00)} - m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(22)}m_{301}^{(21)} + m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(22)}m_{211}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(22)}m_{202}^{(10)} - m_{000}^{(10)}m_{100}^{(21)}m_{020}^{(22)}m_{112}^{(00)} - m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(00)}m_{121}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(00)}m_{103}^{(11)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(00)}m_{022}^{(20)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(00)}m_{013}^{(10)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{211}^{(22)} - 4m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{112}^{(20)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(10)}m_{013}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(11)}m_{301}^{(22)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(11)}m_{202}^{(20)} - m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(11)}m_{103}^{(00)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{202}^{(11)} + 4m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{112}^{(10)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(20)}m_{022}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(22)}m_{301}^{(11)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(22)}m_{211}^{(10)} + m_{000}^{(10)}m_{100}^{(21)}m_{011}^{(22)}m_{121}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(00)}m_{121}^{(21)} - m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(00)}m_{112}^{(11)} - m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(00)}m_{031}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(00)}m_{022}^{(10)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{211}^{(21)} + m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{202}^{(11)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{121}^{(20)} - m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(10)}m_{022}^{(00)} + m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(11)}m_{301}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(11)}m_{211}^{(20)} - m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(11)}m_{202}^{(10)} + m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(11)}m_{112}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(20)}m_{211}^{(11)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(20)}m_{121}^{(10)} + m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(20)}m_{031}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(21)}m_{301}^{(11)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(21)}m_{211}^{(10)} - m_{000}^{(10)}m_{100}^{(21)}m_{002}^{(21)}m_{121}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(10)}m_{031}^{(22)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(10)}m_{022}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(10)}m_{013}^{(11)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(11)}m_{121}^{(22)} - m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(11)}m_{112}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(11)}m_{022}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(11)}m_{013}^{(10)} + m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(20)}m_{040}^{(22)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(20)}m_{031}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(20)}m_{022}^{(11)} - m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(21)}m_{130}^{(22)} + m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(21)}m_{112}^{(11)}\\
&+2m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(21)}m_{031}^{(20)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(21)}m_{022}^{(10)} + m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(22)}m_{130}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(22)}m_{121}^{(11)} - m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(22)}m_{040}^{(20)} + m_{000}^{(10)}m_{100}^{(22)}m_{200}^{(22)}m_{031}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(00)}m_{031}^{(22)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(00)}m_{022}^{(21)} + m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(00)}m_{013}^{(11)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(11)}m_{211}^{(22)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(11)}m_{112}^{(20)} - m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(11)}m_{013}^{(00)}\\
&-2m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(20)}m_{130}^{(22)} + 4m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(20)}m_{121}^{(21)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(20)}m_{112}^{(11)}\\
&+2m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{220}^{(22)} - 4m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(21)}m_{121}^{(20)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(22)}m_{022}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(22)}m_{220}^{(21)} + m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(22)}m_{211}^{(11)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(22)}m_{130}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{110}^{(22)}m_{031}^{(00)} - m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(00)}m_{040}^{(22)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(00)}m_{031}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(00)}m_{022}^{(11)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(10)}m_{130}^{(22)} - 4m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(10)}m_{121}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(10)}m_{112}^{(11)} - m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(11)}m_{220}^{(22)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(11)}m_{211}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(11)}m_{112}^{(10)} + m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(11)}m_{022}^{(00)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(21)}m_{211}^{(11)}\\
&+4m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(21)}m_{121}^{(10)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(21)}m_{031}^{(00)} + m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(22)}m_{220}^{(11)}\\
&-2m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(22)}m_{130}^{(10)} + m_{000}^{(10)}m_{100}^{(22)}m_{101}^{(22)}m_{040}^{(00)} - m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(00)}m_{121}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(00)}m_{112}^{(21)} + m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(00)}m_{022}^{(20)} - m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(00)}m_{013}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(10)}m_{211}^{(22)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(10)}m_{112}^{(20)} + m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(10)}m_{013}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(20)}m_{220}^{(22)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(20)}m_{211}^{(21)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(20)}m_{112}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(20)}m_{022}^{(00)} - m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(21)}m_{310}^{(22)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(21)}m_{211}^{(20)}
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&-m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(21)}m_{112}^{(00)}+m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(22)}m_{310}^{(21)}-m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(22)}m_{220}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(22)}m_{211}^{(10)}+m_{000}^{(10)}m_{100}^{(22)}m_{020}^{(22)}m_{121}^{(00)}+m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(00)}m_{130}^{(22)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(00)}m_{112}^{(11)}-2m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(00)}m_{031}^{(20)}+2m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(00)}m_{022}^{(10)}\\
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&+2m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(20)}m_{211}^{(11)}-4m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(20)}m_{121}^{(10)}+2m_{000}^{(10)}m_{100}^{(22)}m_{011}^{(20)}m_{031}^{(00)}\\
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&-2m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(10)}m_{130}^{(20)}+m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(10)}m_{031}^{(00)}-m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(11)}m_{310}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(11)}m_{220}^{(20)}+m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(11)}m_{211}^{(10)}-m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(11)}m_{121}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(20)}m_{220}^{(11)}+2m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(20)}m_{130}^{(10)}-m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(20)}m_{040}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(21)}m_{310}^{(11)}-2m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(21)}m_{220}^{(10)}+m_{000}^{(10)}m_{100}^{(22)}m_{002}^{(21)}m_{130}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(10)}m_{022}^{(22)}-2m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(10)}m_{013}^{(21)}+m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(10)}m_{004}^{(11)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(11)}m_{112}^{(22)}+m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(11)}m_{103}^{(21)}+m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(11)}m_{013}^{(20)}\\
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&-m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(20)}m_{013}^{(11)}+m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{121}^{(22)}-m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{103}^{(11)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{022}^{(20)}+2m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(21)}m_{013}^{(10)}-m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(22)}m_{121}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(22)}m_{112}^{(11)}+m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(22)}m_{031}^{(20)}-m_{000}^{(10)}m_{010}^{(20)}m_{200}^{(22)}m_{022}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(00)}m_{022}^{(22)}+2m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(00)}m_{013}^{(21)}-m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(00)}m_{004}^{(11)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(11)}m_{202}^{(22)}-2m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(11)}m_{103}^{(20)}+m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(11)}m_{004}^{(00)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{121}^{(22)}-4m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{112}^{(21)}+2m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(20)}m_{103}^{(11)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{211}^{(22)}+4m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{112}^{(20)}-2m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(21)}m_{013}^{(00)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{211}^{(21)}-m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{202}^{(11)}-2m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{121}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{110}^{(22)}m_{022}^{(00)}+m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(00)}m_{031}^{(22)}-2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(00)}m_{022}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(00)}m_{013}^{(11)}-2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{121}^{(22)}+4m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{112}^{(21)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(10)}m_{103}^{(11)}+m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(11)}m_{211}^{(22)}-2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(11)}m_{202}^{(21)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(11)}m_{103}^{(10)}-m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(11)}m_{013}^{(00)}+2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{202}^{(11)}\\
&-4m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{112}^{(10)}+2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(21)}m_{022}^{(00)}-m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{211}^{(11)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{121}^{(10)}-m_{000}^{(10)}m_{010}^{(20)}m_{101}^{(22)}m_{031}^{(00)}+m_{000}^{(10)}m_{010}^{(20)}m_{020}^{(00)}m_{112}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(20)}m_{020}^{(00)}m_{103}^{(21)}-m_{000}^{(10)}m_{010}^{(20)}m_{020}^{(00)}m_{013}^{(20)}+m_{000}^{(10)}m_{010}^{(20)}m_{020}^{(00)}m_{004}^{(10)}\\
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&+m_{000}^{(10)}m_{010}^{(20)}m_{020}^{(20)}m_{013}^{(00)}+m_{000}^{(10)}m_{010}^{(20)}m_{020}^{(21)}m_{301}^{(22)}-2m_{000}^{(10)}m_{010}^{(20)}m_{020}^{(21)}m_{202}^{(20)}\\
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&+2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{211}^{(22)}-4m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{112}^{(20)}+2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(10)}m_{013}^{(00)}
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&-m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(11)}m_{301}^{(22)}+2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(11)}m_{202}^{(20)}-m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(11)}m_{103}^{(00)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{202}^{(11)}+4m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{112}^{(10)}-2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(20)}m_{022}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{301}^{(11)}-2m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{211}^{(10)}+m_{000}^{(10)}m_{010}^{(20)}m_{011}^{(22)}m_{121}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(00)}m_{121}^{(21)}-m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(00)}m_{112}^{(11)}-m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(00)}m_{031}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(00)}m_{022}^{(10)}-2m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{211}^{(21)}+m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{202}^{(11)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{121}^{(20)}-m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(10)}m_{022}^{(00)}+m_{000}^{(10)}m_{010}^{(20)}m_{002}^{(11)}m_{301}^{(21)}\\
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&+m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(11)}m_{211}^{(22)}-m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(11)}m_{202}^{(21)}-m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(11)}m_{112}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(11)}m_{103}^{(10)}+m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(20)}m_{130}^{(22)}-2m_{000}^{(10)}m_{010}^{(22)}m_{200}^{(20)}m_{121}^{(21)}\\
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&+m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(00)}m_{121}^{(22)}-2m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(00)}m_{112}^{(21)}+m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(00)}m_{103}^{(11)}\\
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&-2m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{220}^{(22)}+4m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{211}^{(21)}-2m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(20)}m_{202}^{(11)}\\
&+2m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{310}^{(22)}-4m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{211}^{(20)}+2m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(21)}m_{112}^{(00)}\\
&-2m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(22)}m_{310}^{(21)}+m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(22)}m_{301}^{(11)}+2m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(22)}m_{220}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{110}^{(22)}m_{121}^{(00)}-m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(00)}m_{130}^{(22)}+2m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(00)}m_{121}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(00)}m_{112}^{(11)}+2m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{220}^{(22)}-4m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{211}^{(21)}\\
&+2m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(10)}m_{202}^{(11)}-m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(11)}m_{310}^{(22)}+2m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(11)}m_{301}^{(21)}\\
&-2m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(11)}m_{202}^{(10)}+m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(11)}m_{112}^{(00)}-2m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{301}^{(11)}\\
&+4m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{211}^{(10)}-2m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(21)}m_{121}^{(00)}+m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(22)}m_{310}^{(11)}\\
&-2m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(22)}m_{220}^{(10)}+m_{000}^{(10)}m_{010}^{(22)}m_{101}^{(22)}m_{130}^{(00)}-m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(00)}m_{211}^{(22)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(00)}m_{202}^{(21)}+m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(00)}m_{112}^{(20)}-m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(00)}m_{103}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(10)}m_{301}^{(22)}-2m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(10)}m_{202}^{(20)}+m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(10)}m_{103}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(20)}m_{310}^{(22)}-2m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(20)}m_{301}^{(21)}+2m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(20)}m_{202}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(20)}m_{112}^{(00)}-m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(21)}m_{400}^{(22)}+2m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(21)}m_{301}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(21)}m_{202}^{(00)}+m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(22)}m_{400}^{(21)}-m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(22)}m_{310}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(22)}m_{301}^{(10)}+m_{000}^{(10)}m_{010}^{(22)}m_{020}^{(22)}m_{211}^{(00)}+m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{220}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{202}^{(11)}-2m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{121}^{(20)}+2m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(00)}m_{112}^{(10)}\\
&-2m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{310}^{(22)}+4m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{211}^{(20)}-2m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(10)}m_{112}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(11)}m_{400}^{(22)}-2m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(11)}m_{301}^{(20)}+m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(11)}m_{202}^{(00)}\\
&+2m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{301}^{(11)}-4m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{211}^{(10)}+2m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(20)}m_{121}^{(00)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(22)}m_{400}^{(11)}+2m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(22)}m_{310}^{(10)}-m_{000}^{(10)}m_{010}^{(22)}m_{011}^{(22)}m_{220}^{(00)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(00)}m_{220}^{(21)}+m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(00)}m_{211}^{(11)}+m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(00)}m_{130}^{(20)}
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&-m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(00)}m_{121}^{(10)}+2m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(10)}m_{310}^{(21)}-m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(10)}m_{301}^{(11)}\\
&-2m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(10)}m_{220}^{(20)}+m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(10)}m_{121}^{(00)}-m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(11)}m_{400}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(11)}m_{310}^{(20)}+m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(11)}m_{301}^{(10)}-m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(11)}m_{211}^{(00)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(20)}m_{310}^{(11)}+2m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(20)}m_{220}^{(10)}-m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(20)}m_{130}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(21)}m_{400}^{(11)}-2m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(21)}m_{310}^{(10)}+m_{000}^{(10)}m_{010}^{(22)}m_{002}^{(21)}m_{220}^{(00)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(10)}m_{022}^{(22)}+4m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(10)}m_{013}^{(21)}-2m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(10)}m_{004}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(11)}m_{112}^{(22)}-2m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(11)}m_{103}^{(21)}-2m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(11)}m_{013}^{(20)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(11)}m_{004}^{(10)}+2m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(20)}m_{031}^{(22)}-4m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(20)}m_{022}^{(21)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(20)}m_{013}^{(11)}-2m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{121}^{(22)}+2m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{103}^{(11)}\\
&+4m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{022}^{(20)}-4m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(21)}m_{013}^{(10)}+2m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(22)}m_{121}^{(21)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(22)}m_{112}^{(11)}-2m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(22)}m_{031}^{(20)}+2m_{000}^{(10)}m_{001}^{(10)}m_{200}^{(22)}m_{022}^{(10)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(00)}m_{022}^{(22)}-4m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(00)}m_{013}^{(21)}+2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(00)}m_{004}^{(11)}\\
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&-4m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{121}^{(22)}+8m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{112}^{(21)}-4m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(20)}m_{103}^{(11)}\\
&+4m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{211}^{(22)}-8m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{112}^{(20)}+4m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(21)}m_{013}^{(00)}\\
&-4m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{211}^{(21)}+2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{202}^{(11)}+4m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{121}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{110}^{(22)}m_{022}^{(00)}-2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(00)}m_{031}^{(22)}+4m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(00)}m_{022}^{(21)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(00)}m_{013}^{(11)}+4m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{121}^{(22)}-8m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{112}^{(21)}\\
&+4m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(10)}m_{103}^{(11)}-2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{211}^{(22)}+4m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{202}^{(21)}\\
&-4m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{103}^{(10)}+2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(11)}m_{013}^{(00)}-4m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{202}^{(11)}\\
&+8m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{112}^{(10)}-4m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(21)}m_{022}^{(00)}+2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{211}^{(11)}\\
&-4m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{121}^{(10)}+2m_{000}^{(10)}m_{001}^{(10)}m_{101}^{(22)}m_{031}^{(00)}-2m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(00)}m_{112}^{(22)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(00)}m_{103}^{(21)}+2m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(00)}m_{013}^{(20)}-2m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(00)}m_{004}^{(10)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(10)}m_{202}^{(22)}-4m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(10)}m_{103}^{(20)}+2m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(10)}m_{004}^{(00)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{211}^{(22)}-4m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{202}^{(21)}+4m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{103}^{(10)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(20)}m_{013}^{(00)}-2m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(21)}m_{301}^{(22)}+4m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(21)}m_{202}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(21)}m_{103}^{(00)}+2m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(22)}m_{301}^{(21)}-2m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(22)}m_{211}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(22)}m_{202}^{(10)}+2m_{000}^{(10)}m_{001}^{(10)}m_{020}^{(22)}m_{112}^{(00)}+2m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{121}^{(22)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{103}^{(11)}-4m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{022}^{(20)}+4m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(00)}m_{013}^{(10)}\\
&-4m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{211}^{(22)}+8m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{112}^{(20)}-4m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(10)}m_{013}^{(00)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(11)}m_{301}^{(22)}-4m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(11)}m_{202}^{(20)}+2m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(11)}m_{103}^{(00)}\\
&+4m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{202}^{(11)}-8m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{112}^{(10)}+4m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(20)}m_{022}^{(00)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{301}^{(11)}+4m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{211}^{(10)}-2m_{000}^{(10)}m_{001}^{(10)}m_{011}^{(22)}m_{121}^{(00)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(00)}m_{121}^{(21)}+2m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(00)}m_{112}^{(11)}+2m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(00)}m_{031}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(00)}m_{022}^{(10)}+4m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{211}^{(21)}-2m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{202}^{(11)}\\
&-4m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{121}^{(20)}+2m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(10)}m_{022}^{(00)}-2m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(11)}m_{301}^{(21)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(11)}m_{211}^{(20)}+2m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(11)}m_{202}^{(10)}-2m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(11)}m_{112}^{(00)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{211}^{(11)}+4m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{121}^{(10)}-2m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(20)}m_{031}^{(00)}
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$$+2m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{301}^{(11)} - 4m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{211}^{(10)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{002}^{(21)}m_{121}^{(00)}$$
$$+m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(10)}m_{031}^{(22)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(10)}m_{022}^{(21)} + m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(10)}m_{013}^{(11)}$$
$$-m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{121}^{(22)} + m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{112}^{(21)} + m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{022}^{(20)}$$
$$-m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(11)}m_{013}^{(10)} - m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(20)}m_{040}^{(22)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(20)}m_{031}^{(21)}$$
$$-m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(20)}m_{022}^{(11)} + m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{130}^{(22)} - m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{112}^{(11)}$$
$$-2m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{031}^{(20)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(21)}m_{022}^{(10)} - m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(22)}m_{130}^{(21)}$$
$$+m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(22)}m_{121}^{(11)} + m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(22)}m_{040}^{(20)} - m_{000}^{(10)}m_{001}^{(20)}m_{200}^{(22)}m_{031}^{(10)}$$
$$-m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(00)}m_{031}^{(22)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(00)}m_{022}^{(21)} - m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(00)}m_{013}^{(11)}$$
$$+m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{211}^{(22)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{112}^{(20)} + m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(11)}m_{013}^{(00)}$$
$$+2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{130}^{(22)} - 4m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{121}^{(21)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(20)}m_{112}^{(11)}$$
$$-2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{220}^{(22)} + 4m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{121}^{(20)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(21)}m_{022}^{(00)}$$
$$+2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{220}^{(21)} - m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{211}^{(11)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{130}^{(20)}$$
$$+m_{000}^{(10)}m_{001}^{(20)}m_{110}^{(22)}m_{031}^{(00)} + m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(00)}m_{040}^{(22)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(00)}m_{031}^{(21)}$$
$$+m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(00)}m_{022}^{(11)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{130}^{(22)} + 4m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{121}^{(21)}$$
$$-2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(10)}m_{112}^{(11)} + m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{220}^{(22)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{211}^{(21)}$$
$$+2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{112}^{(10)} - m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(11)}m_{022}^{(00)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{211}^{(11)}$$
$$-4m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{121}^{(10)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(21)}m_{031}^{(00)} - m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(22)}m_{220}^{(11)}$$
$$+2m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(22)}m_{130}^{(10)} - m_{000}^{(10)}m_{001}^{(20)}m_{101}^{(22)}m_{040}^{(00)} + m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{121}^{(22)}$$
$$-m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{112}^{(21)} - m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{022}^{(20)} + m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(00)}m_{013}^{(10)}$$
$$-m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{211}^{(22)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{112}^{(20)} - m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(10)}m_{013}^{(00)}$$
$$-m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{220}^{(22)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{211}^{(21)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{112}^{(10)}$$
$$+m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(20)}m_{022}^{(00)} + m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{310}^{(22)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{211}^{(20)}$$
$$+m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(21)}m_{112}^{(00)} - m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(22)}m_{310}^{(21)} + m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(22)}m_{220}^{(20)}$$
$$+m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(22)}m_{211}^{(10)} - m_{000}^{(10)}m_{001}^{(20)}m_{020}^{(22)}m_{121}^{(00)} - m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{130}^{(22)}$$
$$+m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{112}^{(22)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{031}^{(20)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(00)}m_{022}^{(10)}$$
$$+2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{220}^{(22)} - 4m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{121}^{(20)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(10)}m_{022}^{(00)}$$
$$-m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{310}^{(22)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{211}^{(20)} - m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(11)}m_{112}^{(00)}$$
$$-2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{211}^{(11)} + 4m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{121}^{(10)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(20)}m_{031}^{(00)}$$
$$+m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(22)}m_{310}^{(11)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(22)}m_{220}^{(10)} + m_{000}^{(10)}m_{001}^{(20)}m_{011}^{(22)}m_{130}^{(00)}$$
$$+m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(00)}m_{130}^{(21)} - m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(00)}m_{121}^{(11)} - m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(00)}m_{040}^{(20)}$$
$$+m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(00)}m_{031}^{(10)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{220}^{(21)} + m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{211}^{(11)}$$
$$+2m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{130}^{(20)} - m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(10)}m_{031}^{(00)} + m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(11)}m_{310}^{(21)}$$
$$-m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(11)}m_{220}^{(20)} - m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(11)}m_{211}^{(10)} + m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(11)}m_{121}^{(00)}$$
$$+m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(20)}m_{220}^{(11)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(20)}m_{130}^{(10)} + m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(20)}m_{040}^{(00)}$$
$$-m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(21)}m_{310}^{(11)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(21)}m_{220}^{(10)} - m_{000}^{(10)}m_{001}^{(20)}m_{002}^{(21)}m_{130}^{(00)}$$
$$+m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{121}^{(22)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{112}^{(21)} + m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(10)}m_{103}^{(11)}$$
$$-m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{211}^{(22)} + m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{202}^{(21)} + m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{112}^{(20)}$$
$$-m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(11)}m_{103}^{(10)} - m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{130}^{(22)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{121}^{(21)}$$

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\begin{aligned}
&-m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(20)}m_{112}^{(11)}+m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{220}^{(22)}-m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{202}^{(11)}\\
&-2m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{121}^{(20)}+2m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(21)}m_{112}^{(10)}-m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(22)}m_{220}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(22)}m_{211}^{(11)}+m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(22)}m_{130}^{(20)}-m_{000}^{(10)}m_{001}^{(21)}m_{200}^{(22)}m_{121}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{121}^{(22)}+2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{112}^{(21)}-m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(00)}m_{103}^{(11)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(11)}m_{301}^{(22)}-2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(11)}m_{202}^{(20)}+m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(11)}m_{103}^{(00)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{220}^{(22)}-4m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{211}^{(21)}+2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(20)}m_{202}^{(11)}\\
&-2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{310}^{(22)}+4m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{211}^{(20)}-2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(21)}m_{112}^{(00)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{310}^{(21)}-m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{301}^{(11)}-2m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{220}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{110}^{(22)}m_{121}^{(00)}+m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{130}^{(22)}-2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{121}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(00)}m_{112}^{(11)}-2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{220}^{(22)}+4m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{211}^{(21)}\\
&-2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(10)}m_{202}^{(11)}+m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{310}^{(22)}-2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{301}^{(21)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{202}^{(10)}-m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(11)}m_{112}^{(00)}+2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{301}^{(11)}\\
&-4m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{211}^{(10)}+2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(21)}m_{121}^{(00)}-m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(22)}m_{310}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(22)}m_{220}^{(10)}-m_{000}^{(10)}m_{001}^{(21)}m_{101}^{(22)}m_{130}^{(00)}+m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{211}^{(22)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{202}^{(21)}-m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{112}^{(20)}+m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(00)}m_{103}^{(10)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(10)}m_{301}^{(22)}+2m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(10)}m_{202}^{(20)}-m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(10)}m_{103}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{310}^{(22)}+2m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{301}^{(21)}-2m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{202}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(20)}m_{112}^{(00)}+m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(21)}m_{400}^{(22)}-2m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(21)}m_{301}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(21)}m_{202}^{(00)}-m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(22)}m_{400}^{(21)}+m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(22)}m_{310}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(22)}m_{301}^{(10)}-m_{000}^{(10)}m_{001}^{(21)}m_{020}^{(22)}m_{211}^{(00)}-m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{220}^{(22)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{202}^{(11)}+2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{121}^{(20)}-2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(00)}m_{112}^{(10)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{310}^{(22)}-4m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{211}^{(20)}+2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(10)}m_{112}^{(00)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(11)}m_{400}^{(22)}+2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(11)}m_{301}^{(20)}-m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(11)}m_{202}^{(00)}\\
&-2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{301}^{(11)}+4m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{211}^{(10)}-2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(20)}m_{121}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(22)}m_{400}^{(11)}-2m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(22)}m_{310}^{(10)}+m_{000}^{(10)}m_{001}^{(21)}m_{011}^{(22)}m_{220}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(00)}m_{220}^{(21)}-m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(00)}m_{211}^{(11)}-m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(00)}m_{130}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(00)}m_{121}^{(10)}-2m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{310}^{(21)}+m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{301}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{220}^{(20)}-m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(10)}m_{121}^{(00)}+m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(11)}m_{400}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(11)}m_{310}^{(20)}-m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(11)}m_{301}^{(10)}+m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(11)}m_{211}^{(00)}\\
&+m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(20)}m_{310}^{(11)}-2m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(20)}m_{220}^{(10)}+m_{000}^{(10)}m_{001}^{(21)}m_{002}^{(20)}m_{130}^{(00)}\\
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&+m_{000}^{(11)}m_{100}^{(20)}m_{200}^{(11)}m_{112}^{(22)}-m_{000}^{(11)}m_{100}^{(20)}m_{200}^{(11)}m_{103}^{(21)}-m_{000}^{(11)}m_{100}^{(20)}m_{200}^{(11)}m_{013}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{200}^{(11)}m_{004}^{(10)}+m_{000}^{(11)}m_{100}^{(20)}m_{200}^{(20)}m_{031}^{(22)}-2m_{000}^{(11)}m_{100}^{(20)}m_{200}^{(20)}m_{022}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{200}^{(20)}m_{013}^{(11)}-m_{000}^{(11)}m_{100}^{(20)}m_{200}^{(21)}m_{121}^{(22)}+m_{000}^{(11)}m_{100}^{(20)}m_{200}^{(21)}m_{103}^{(11)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{200}^{(21)}m_{022}^{(20)}-2m_{000}^{(11)}m_{100}^{(20)}m_{200}^{(21)}m_{013}^{(10)}+m_{000}^{(11)}m_{100}^{(20)}m_{200}^{(22)}m_{121}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{200}^{(22)}m_{112}^{(11)}-m_{000}^{(11)}m_{100}^{(20)}m_{200}^{(22)}m_{031}^{(20)}+m_{000}^{(11)}m_{100}^{(20)}m_{200}^{(22)}m_{022}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(00)}m_{022}^{(22)}-2m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(00)}m_{013}^{(21)}+m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(00)}m_{004}^{(11)}
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&-m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(11)}m_{202}^{(22)}+2m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(11)}m_{103}^{(20)}-m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(11)}m_{004}^{(00)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(20)}m_{121}^{(22)}+4m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(20)}m_{112}^{(21)}-2m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(20)}m_{103}^{(11)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(21)}m_{211}^{(22)}-4m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(21)}m_{112}^{(20)}+2m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(21)}m_{013}^{(00)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(22)}m_{211}^{(21)}+m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(22)}m_{202}^{(11)}+2m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(22)}m_{121}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{110}^{(22)}m_{022}^{(00)}-m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(00)}m_{031}^{(22)}+2m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(00)}m_{022}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(00)}m_{013}^{(11)}+2m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(10)}m_{121}^{(22)}-4m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(10)}m_{112}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(10)}m_{103}^{(11)}-m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(11)}m_{211}^{(22)}+2m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(11)}m_{202}^{(21)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(11)}m_{103}^{(10)}+m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(11)}m_{013}^{(00)}-2m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(21)}m_{202}^{(11)}\\
&+4m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(21)}m_{112}^{(10)}-2m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(21)}m_{022}^{(00)}+m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(22)}m_{211}^{(11)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(22)}m_{121}^{(10)}+m_{000}^{(11)}m_{100}^{(20)}m_{101}^{(22)}m_{031}^{(00)}-m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(00)}m_{112}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(00)}m_{103}^{(21)}+m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(00)}m_{013}^{(20)}-m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(00)}m_{004}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(10)}m_{202}^{(22)}-2m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(10)}m_{103}^{(20)}+m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(10)}m_{004}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(20)}m_{211}^{(22)}-2m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(20)}m_{202}^{(21)}+2m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(20)}m_{103}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(20)}m_{013}^{(00)}-m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(21)}m_{301}^{(22)}+2m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(21)}m_{202}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(21)}m_{103}^{(00)}+m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(22)}m_{301}^{(21)}-m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(22)}m_{211}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(22)}m_{202}^{(10)}+m_{000}^{(11)}m_{100}^{(20)}m_{020}^{(22)}m_{112}^{(00)}+m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(00)}m_{121}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(00)}m_{103}^{(11)}-2m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(00)}m_{022}^{(20)}+2m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(00)}m_{013}^{(10)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(10)}m_{211}^{(22)}+4m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(10)}m_{112}^{(20)}-2m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(10)}m_{013}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(11)}m_{301}^{(22)}-2m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(11)}m_{202}^{(20)}+m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(11)}m_{103}^{(00)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{202}^{(11)}-4m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{112}^{(10)}+2m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(20)}m_{022}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(22)}m_{301}^{(11)}+2m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(22)}m_{211}^{(10)}-m_{000}^{(11)}m_{100}^{(20)}m_{011}^{(22)}m_{121}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(00)}m_{121}^{(21)}+m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(00)}m_{112}^{(11)}+m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(00)}m_{031}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(00)}m_{022}^{(10)}+2m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(10)}m_{211}^{(21)}-m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(10)}m_{202}^{(11)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(10)}m_{121}^{(20)}+m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(10)}m_{022}^{(00)}-m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(11)}m_{301}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(11)}m_{211}^{(20)}+m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(11)}m_{202}^{(10)}-m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(11)}m_{112}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(20)}m_{211}^{(11)}+2m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(20)}m_{121}^{(10)}-m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(20)}m_{031}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(21)}m_{301}^{(11)}-2m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(21)}m_{211}^{(10)}+m_{000}^{(11)}m_{100}^{(20)}m_{002}^{(21)}m_{121}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(10)}m_{121}^{(22)}-2m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(10)}m_{112}^{(21)}+m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(10)}m_{103}^{(11)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(11)}m_{211}^{(22)}+m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(11)}m_{202}^{(21)}+m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(11)}m_{112}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(11)}m_{103}^{(10)}-m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(20)}m_{130}^{(22)}+2m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(20)}m_{121}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(20)}m_{112}^{(11)}+m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(21)}m_{220}^{(22)}-m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(21)}m_{202}^{(11)}\\
&-2m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(21)}m_{121}^{(20)}+2m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(21)}m_{112}^{(10)}-m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(22)}m_{220}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(22)}m_{211}^{(11)}+m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(22)}m_{130}^{(20)}-m_{000}^{(11)}m_{100}^{(22)}m_{200}^{(22)}m_{121}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(00)}m_{121}^{(22)}+2m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(00)}m_{112}^{(21)}-m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(00)}m_{103}^{(11)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(11)}m_{301}^{(22)}-2m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(11)}m_{202}^{(20)}+m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(11)}m_{103}^{(00)}\\
&+2m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(20)}m_{220}^{(22)}-4m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(20)}m_{211}^{(21)}+2m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(20)}m_{202}^{(11)}\\
&-2m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(21)}m_{310}^{(22)}+4m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(21)}m_{211}^{(20)}-2m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(21)}m_{112}^{(00)}\\
&+2m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(22)}m_{310}^{(21)}-m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(22)}m_{301}^{(11)}-2m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(22)}m_{220}^{(20)}
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$$+m_{000}^{(11)}m_{100}^{(22)}m_{110}^{(22)}m_{121}^{(00)}+m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(00)}m_{130}^{(22)}-2m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(00)}m_{121}^{(21)}$$
$$+m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(00)}m_{112}^{(11)}-2m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(10)}m_{220}^{(22)}+4m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(10)}m_{211}^{(21)}$$
$$-2m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(10)}m_{202}^{(11)}+m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(11)}m_{310}^{(22)}-2m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(11)}m_{301}^{(21)}$$
$$+2m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(11)}m_{202}^{(10)}-m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(11)}m_{112}^{(00)}+2m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(21)}m_{301}^{(11)}$$
$$-4m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(21)}m_{211}^{(10)}+2m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(21)}m_{121}^{(00)}-m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(22)}m_{310}^{(11)}$$
$$+2m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(22)}m_{220}^{(10)}-m_{000}^{(11)}m_{100}^{(22)}m_{101}^{(22)}m_{130}^{(00)}+m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(00)}m_{211}^{(22)}$$
$$-m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(00)}m_{202}^{(21)}-m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(00)}m_{112}^{(20)}+m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(00)}m_{103}^{(10)}$$
$$-m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(10)}m_{301}^{(22)}+2m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(10)}m_{202}^{(20)}-m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(10)}m_{103}^{(00)}$$
$$-m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(20)}m_{310}^{(22)}+2m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(20)}m_{301}^{(21)}-2m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(20)}m_{202}^{(10)}$$
$$+m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(20)}m_{112}^{(00)}+m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(21)}m_{400}^{(22)}-2m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(21)}m_{301}^{(20)}$$
$$+m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(21)}m_{202}^{(00)}-m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(22)}m_{400}^{(21)}+m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(22)}m_{310}^{(20)}$$
$$+m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(22)}m_{301}^{(10)}-m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(22)}m_{211}^{(00)}-m_{000}^{(11)}m_{100}^{(22)}m_{020}^{(00)}m_{011}^{(22)}m_{220}$$
$$+m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(00)}m_{202}^{(11)}+2m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(00)}m_{121}^{(20)}-2m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(00)}m_{112}^{(10)}$$
$$+2m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(10)}m_{310}^{(22)}-4m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(10)}m_{211}^{(20)}+2m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(10)}m_{112}^{(00)}$$
$$-m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(11)}m_{400}^{(22)}+2m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(11)}m_{301}^{(20)}-m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(11)}m_{202}^{(00)}$$
$$-2m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(20)}m_{301}^{(11)}+4m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(20)}m_{211}^{(10)}-2m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(20)}m_{121}^{(00)}$$
$$+m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(22)}m_{400}^{(11)}-2m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(22)}m_{310}^{(10)}+m_{000}^{(11)}m_{100}^{(22)}m_{011}^{(22)}m_{220}^{(00)}$$
$$+m_{000}^{(11)}m_{100}^{(22)}m_{002}^{(00)}m_{220}^{(21)}-m_{000}^{(11)}m_{100}^{(22)}m_{002}^{(00)}m_{211}^{(11)}-m_{000}^{(11)}m_{100}^{(22)}m_{002}^{(00)}m_{130}^{(20)}$$
$$+m_{000}^{(11)}m_{100}^{(22)}m_{002}^{(00)}m_{121}^{(10)}-2m_{000}^{(11)}m_{100}^{(22)}m_{002}^{(10)}m_{310}^{(21)}+m_{000}^{(11)}m_{100}^{(22)}m_{002}^{(10)}m_{301}^{(11)}$$
$$+2m_{000}^{(11)}m_{100}^{(22)}m_{002}^{(10)}m_{220}^{(20)}-m_{000}^{(11)}m_{100}^{(22)}m_{002}^{(10)}m_{121}^{(00)}+m_{000}^{(11)}m_{100}^{(22)}m_{002}^{(11)}m_{400}^{(21)}$$
$$-m_{000}^{(11)}m_{100}^{(22)}m_{002}^{(11)}m_{310}^{(20)}-m_{000}^{(11)}m_{100}^{(22)}m_{002}^{(11)}m_{301}^{(10)}+m_{000}^{(11)}m_{100}^{(22)}m_{002}^{(11)}m_{211}^{(00)}$$
$$+m_{000}^{(11)}m_{100}^{(22)}m_{002}^{(20)}m_{310}^{(11)}-2m_{000}^{(11)}m_{100}^{(22)}m_{002}^{(20)}m_{220}^{(10)}+m_{000}^{(11)}m_{100}^{(22)}m_{002}^{(20)}m_{130}^{(00)}$$
$$-m_{000}^{(11)}m_{100}^{(22)}m_{002}^{(21)}m_{400}^{(11)}+2m_{000}^{(11)}m_{100}^{(22)}m_{002}^{(21)}m_{310}^{(10)}-m_{000}^{(11)}m_{100}^{(22)}m_{002}^{(21)}m_{220}^{(00)}$$
$$+m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(10)}m_{022}^{(22)}-2m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(10)}m_{013}^{(21)}+m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(10)}m_{004}^{(11)}$$
$$-m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(11)}m_{112}^{(22)}+m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(11)}m_{103}^{(21)}+m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(11)}m_{013}^{(20)}$$
$$-m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(11)}m_{004}^{(10)}-m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(20)}m_{031}^{(22)}+2m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(20)}m_{022}^{(21)}$$
$$-m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(20)}m_{013}^{(11)}+m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(21)}m_{121}^{(22)}-m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(21)}m_{103}^{(11)}$$
$$-2m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(21)}m_{022}^{(20)}+2m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(21)}m_{013}^{(10)}-m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(22)}m_{121}^{(21)}$$
$$+m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(22)}m_{112}^{(11)}+m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(22)}m_{031}^{(20)}-m_{000}^{(11)}m_{001}^{(00)}m_{200}^{(22)}m_{022}^{(10)}$$
$$-m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(00)}m_{022}^{(22)}+2m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(00)}m_{013}^{(21)}-m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(00)}m_{004}^{(11)}$$
$$+m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(11)}m_{202}^{(22)}-2m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(11)}m_{103}^{(20)}+m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(11)}m_{004}^{(00)}$$
$$+2m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(20)}m_{121}^{(22)}-4m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(20)}m_{112}^{(21)}+2m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(20)}m_{103}^{(11)}$$
$$-2m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(21)}m_{211}^{(22)}+4m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(21)}m_{112}^{(20)}-2m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(21)}m_{013}^{(00)}$$
$$+2m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(22)}m_{211}^{(21)}-m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(22)}m_{202}^{(11)}-2m_{000}^{(11)}m_{001}^{(00)}m_{110}^{(22)}m_{121}^{(20)}$$
$$+m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(22)}m_{000}^{(00)}+m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(00)}m_{031}^{(22)}-2m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(00)}m_{022}^{(21)}$$
$$+m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(00)}m_{013}^{(11)}-2m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(10)}m_{121}^{(22)}+4m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(10)}m_{112}^{(21)}$$
$$-2m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(10)}m_{103}^{(11)}+m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(11)}m_{211}^{(22)}-2m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(11)}m_{202}^{(21)}$$
$$+2m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(11)}m_{103}^{(10)}-m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(11)}m_{013}^{(00)}+2m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(21)}m_{202}^{(11)}$$

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\begin{aligned}
&-4m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(21)}m_{112}^{(10)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(21)}m_{022}^{(00)} - m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(22)}m_{211}^{(11)} \\
&+2m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(22)}m_{121}^{(10)} - m_{000}^{(11)}m_{001}^{(00)}m_{101}^{(22)}m_{031}^{(00)} + m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(00)}m_{112}^{(22)} \\
&-m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(00)}m_{103}^{(21)} - m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(00)}m_{013}^{(20)} + m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(00)}m_{004}^{(10)} \\
&-m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(10)}m_{202}^{(22)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(10)}m_{103}^{(20)} - m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(10)}m_{004}^{(00)} \\
&-m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(20)}m_{211}^{(22)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(20)}m_{202}^{(21)} - 2m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(20)}m_{103}^{(10)} \\
&+m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(20)}m_{013}^{(00)} + m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(21)}m_{301}^{(22)} - 2m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(21)}m_{202}^{(20)} \\
&+m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(21)}m_{103}^{(00)} - m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(22)}m_{301}^{(21)} + m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(22)}m_{211}^{(20)} \\
&+m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(22)}m_{202}^{(10)} - m_{000}^{(11)}m_{001}^{(00)}m_{020}^{(22)}m_{112}^{(00)} - m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(00)}m_{121}^{(22)} \\
&+m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(00)}m_{103}^{(11)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(00)}m_{022}^{(20)} - 2m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(00)}m_{013}^{(10)} \\
&+2m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(10)}m_{211}^{(22)} - 4m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(10)}m_{112}^{(20)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(10)}m_{013}^{(00)} \\
&-m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(11)}m_{301}^{(22)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(11)}m_{202}^{(20)} - m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(11)}m_{103}^{(00)} \\
&-2m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{202}^{(11)} + 4m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{112}^{(10)} - 2m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(20)}m_{022}^{(00)} \\
&+m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(22)}m_{301}^{(11)} - 2m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(22)}m_{211}^{(10)} + m_{000}^{(11)}m_{001}^{(00)}m_{011}^{(22)}m_{121}^{(00)} \\
&+m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(00)}m_{121}^{(21)} - m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(00)}m_{112}^{(11)} - m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(00)}m_{031}^{(20)} \\
&+m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(00)}m_{022}^{(10)} - 2m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(10)}m_{211}^{(21)} + m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(10)}m_{202}^{(11)} \\
&+2m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(10)}m_{121}^{(20)} - m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(10)}m_{022}^{(00)} + m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(11)}m_{301}^{(21)} \\
&-m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(11)}m_{211}^{(20)} - m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(11)}m_{202}^{(10)} + m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(11)}m_{112}^{(00)} \\
&+m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(20)}m_{211}^{(11)} - 2m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(20)}m_{121}^{(10)} + m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(20)}m_{031}^{(00)} \\
&-m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(21)}m_{301}^{(11)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(21)}m_{211}^{(10)} - m_{000}^{(11)}m_{001}^{(00)}m_{002}^{(21)}m_{121}^{(00)} \\
&-m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{121}^{(22)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{112}^{(21)} - m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(10)}m_{103}^{(11)} \\
&+m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(11)}m_{211}^{(22)} - m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(11)}m_{202}^{(21)} - m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(11)}m_{112}^{(20)} \\
&+m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(11)}m_{103}^{(10)} + m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{130}^{(22)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{121}^{(21)} \\
&+m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(20)}m_{112}^{(11)} - m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{220}^{(22)} + m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{202}^{(11)} \\
&+2m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{121}^{(20)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(21)}m_{112}^{(10)} + m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(22)}m_{220}^{(21)} \\
&-m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(22)}m_{211}^{(11)} - m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(22)}m_{130}^{(20)} + m_{000}^{(11)}m_{001}^{(20)}m_{200}^{(22)}m_{121}^{(10)} \\
&+m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(00)}m_{121}^{(22)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(00)}m_{112}^{(21)} + m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(00)}m_{103}^{(11)} \\
&-m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(11)}m_{301}^{(22)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(11)}m_{202}^{(20)} - m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(11)}m_{103}^{(00)} \\
&-2m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{220}^{(22)} + 4m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{211}^{(21)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(20)}m_{202}^{(11)} \\
&+2m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{310}^{(22)} - 4m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{211}^{(20)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(21)}m_{112}^{(00)} \\
&-2m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(22)}m_{310}^{(21)} + m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(22)}m_{301}^{(11)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(22)}m_{220}^{(20)} \\
&-m_{000}^{(11)}m_{001}^{(20)}m_{110}^{(22)}m_{121}^{(00)} - m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{130}^{(22)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{121}^{(21)} \\
&-m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(00)}m_{112}^{(11)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{220}^{(22)} - 4m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{211}^{(21)} \\
&+2m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(10)}m_{202}^{(11)} - m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{310}^{(22)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{301}^{(21)} \\
&-2m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{202}^{(10)} + m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(11)}m_{112}^{(00)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{301}^{(11)} \\
&+4m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{211}^{(10)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(21)}m_{121}^{(00)} + m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(22)}m_{310}^{(11)} \\
&-2m_{000}^{(11)}m_{001}^{(20)}m_{101}^{(22)}m_{220}^{(10)} + m_{000}^{(11)}m_{001}^{(20)}m_{130}^{(22)}m_{000}^{(00)} - m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(00)}m_{211}^{(22)} \\
&+m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(00)}m_{202}^{(21)} + m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(00)}m_{112}^{(20)} - m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(00)}m_{103}^{(10)} \\
&+m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(10)}m_{301}^{(22)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(10)}m_{202}^{(20)} + m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(10)}m_{103}^{(00)}
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&+m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(20)}m_{310}^{(22)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(20)}m_{301}^{(21)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(20)}m_{202}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(20)}m_{112}^{(00)} - m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(21)}m_{400}^{(22)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(21)}m_{301}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(21)}m_{202}^{(00)} + m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(22)}m_{400}^{(21)} - m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(22)}m_{310}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(22)}m_{301}^{(10)} + m_{000}^{(11)}m_{001}^{(20)}m_{020}^{(00)}m_{211}^{(22)} + m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{220}^{(22)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{202}^{(11)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{121}^{(20)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(00)}m_{112}^{(10)}\\
&-2m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{310}^{(22)} + 4m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{211}^{(20)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(10)}m_{112}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(11)}m_{400}^{(22)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(11)}m_{301}^{(20)} + m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(11)}m_{202}^{(00)}\\
&+2m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{301}^{(11)} - 4m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{211}^{(10)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(20)}m_{121}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(22)}m_{400}^{(11)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(22)}m_{310}^{(10)} - m_{000}^{(11)}m_{001}^{(20)}m_{011}^{(22)}m_{220}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{002}^{(00)}m_{220}^{(21)} + m_{000}^{(11)}m_{001}^{(20)}m_{002}^{(00)}m_{211}^{(11)} + m_{000}^{(11)}m_{001}^{(20)}m_{002}^{(00)}m_{130}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{002}^{(00)}m_{121}^{(10)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{002}^{(10)}m_{310}^{(21)} - m_{000}^{(11)}m_{001}^{(20)}m_{002}^{(10)}m_{301}^{(11)}\\
&-2m_{000}^{(11)}m_{001}^{(20)}m_{002}^{(10)}m_{220}^{(20)} + m_{000}^{(11)}m_{001}^{(20)}m_{002}^{(10)}m_{121}^{(00)} - m_{000}^{(11)}m_{001}^{(20)}m_{002}^{(11)}m_{400}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{002}^{(11)}m_{310}^{(20)} + m_{000}^{(11)}m_{001}^{(20)}m_{002}^{(11)}m_{301}^{(10)} - m_{000}^{(11)}m_{001}^{(20)}m_{002}^{(11)}m_{211}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{002}^{(20)}m_{310}^{(11)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{002}^{(20)}m_{220}^{(10)} - m_{000}^{(11)}m_{001}^{(20)}m_{002}^{(20)}m_{130}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(20)}m_{002}^{(21)}m_{400}^{(11)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{002}^{(21)}m_{310}^{(10)} + m_{000}^{(11)}m_{001}^{(20)}m_{002}^{(21)}m_{220}^{(00)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{200}^{(10)}m_{022}^{(22)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{200}^{(10)}m_{013}^{(21)} - m_{000}^{(20)}m_{100}^{(11)}m_{200}^{(10)}m_{004}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{200}^{(11)}m_{112}^{(22)} - m_{000}^{(20)}m_{100}^{(11)}m_{200}^{(11)}m_{103}^{(21)} - m_{000}^{(20)}m_{100}^{(11)}m_{200}^{(11)}m_{013}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{200}^{(11)}m_{004}^{(10)} + m_{000}^{(20)}m_{100}^{(11)}m_{200}^{(20)}m_{031}^{(22)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{200}^{(20)}m_{022}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{200}^{(20)}m_{013}^{(11)} - m_{000}^{(20)}m_{100}^{(11)}m_{200}^{(21)}m_{121}^{(22)} + m_{000}^{(20)}m_{100}^{(11)}m_{200}^{(21)}m_{103}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(11)}m_{200}^{(21)}m_{022}^{(20)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{200}^{(21)}m_{013}^{(10)} + m_{000}^{(20)}m_{100}^{(11)}m_{200}^{(22)}m_{121}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{200}^{(22)}m_{112}^{(11)} - m_{000}^{(20)}m_{100}^{(11)}m_{200}^{(22)}m_{031}^{(20)} + m_{000}^{(20)}m_{100}^{(11)}m_{200}^{(22)}m_{022}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(00)}m_{022}^{(22)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(00)}m_{013}^{(21)} + m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(00)}m_{004}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(11)}m_{202}^{(22)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(11)}m_{103}^{(20)} - m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(11)}m_{004}^{(00)}\\
&-2m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(20)}m_{121}^{(22)} + 4m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(20)}m_{112}^{(21)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(20)}m_{103}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(21)}m_{211}^{(22)} - 4m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(21)}m_{112}^{(20)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(21)}m_{013}^{(00)}\\
&-2m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(22)}m_{211}^{(21)} + m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(22)}m_{202}^{(11)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(22)}m_{121}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{110}^{(22)}m_{022}^{(00)} - m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(00)}m_{031}^{(22)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(00)}m_{022}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(00)}m_{013}^{(11)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(10)}m_{121}^{(22)} - 4m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(10)}m_{112}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(10)}m_{103}^{(11)} - m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(11)}m_{211}^{(22)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(11)}m_{202}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(11)}m_{103}^{(10)} + m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(11)}m_{013}^{(00)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(21)}m_{202}^{(11)}\\
&+4m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(21)}m_{112}^{(10)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(21)}m_{022}^{(00)} + m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(22)}m_{211}^{(11)}\\
&-2m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(22)}m_{121}^{(10)} + m_{000}^{(20)}m_{100}^{(11)}m_{101}^{(22)}m_{031}^{(00)} - m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(00)}m_{112}^{(22)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(00)}m_{103}^{(21)} + m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(00)}m_{013}^{(20)} - m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(00)}m_{004}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(10)}m_{202}^{(22)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(10)}m_{103}^{(20)} + m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(10)}m_{004}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(20)}m_{211}^{(22)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(20)}m_{202}^{(21)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(20)}m_{103}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(20)}m_{013}^{(00)} - m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(21)}m_{301}^{(22)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(21)}m_{202}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(21)}m_{103}^{(00)} + m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(22)}m_{301}^{(21)} - m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(22)}m_{211}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(22)}m_{202}^{(10)} + m_{000}^{(20)}m_{100}^{(11)}m_{020}^{(22)}m_{112}^{(00)} + m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(00)}m_{121}^{(22)}
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&-m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(00)}m_{103}^{(11)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(00)}m_{022}^{(20)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(00)}m_{013}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(10)}m_{211}^{(22)} + 4m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(10)}m_{112}^{(20)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(10)}m_{013}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(11)}m_{301}^{(22)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(11)}m_{202}^{(20)} + m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(11)}m_{103}^{(00)}\\
&+2m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(20)}m_{202}^{(11)} - 4m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(20)}m_{112}^{(10)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(20)}m_{022}^{(00)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(22)}m_{301}^{(11)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(22)}m_{211}^{(10)} - m_{000}^{(20)}m_{100}^{(11)}m_{011}^{(22)}m_{121}^{(00)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(00)}m_{121}^{(21)} + m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(00)}m_{112}^{(11)} + m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(00)}m_{031}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(00)}m_{022}^{(10)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(10)}m_{211}^{(21)} - m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(10)}m_{202}^{(11)}\\
&-2m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(10)}m_{121}^{(20)} + m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(10)}m_{022}^{(00)} - m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(11)}m_{301}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(11)}m_{211}^{(20)} + m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(11)}m_{202}^{(10)} - m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(11)}m_{112}^{(00)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(20)}m_{211}^{(11)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(20)}m_{121}^{(10)} - m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(20)}m_{031}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(21)}m_{301}^{(11)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(21)}m_{211}^{(10)} + m_{000}^{(20)}m_{100}^{(11)}m_{002}^{(21)}m_{121}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(10)}m_{031}^{(22)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(10)}m_{022}^{(21)} + m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(10)}m_{013}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(11)}m_{121}^{(22)} + m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(11)}m_{112}^{(21)} + m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(11)}m_{022}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(11)}m_{013}^{(10)} - m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(20)}m_{040}^{(22)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(20)}m_{031}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(20)}m_{022}^{(11)} + m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(21)}m_{130}^{(22)} - m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(21)}m_{112}^{(11)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(21)}m_{031}^{(20)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(21)}m_{022}^{(10)} - m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(22)}m_{130}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(22)}m_{121}^{(11)} + m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(22)}m_{040}^{(20)} - m_{000}^{(20)}m_{100}^{(21)}m_{200}^{(22)}m_{031}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(00)}m_{031}^{(22)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(00)}m_{022}^{(21)} - m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(00)}m_{013}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(11)}m_{211}^{(22)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(11)}m_{112}^{(20)} + m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(11)}m_{013}^{(00)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(20)}m_{130}^{(22)} - 4m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(20)}m_{121}^{(21)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(20)}m_{112}^{(11)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{220}^{(22)} + 4m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{121}^{(20)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(21)}m_{022}^{(00)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(22)}m_{220}^{(21)} - m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(22)}m_{211}^{(11)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(22)}m_{130}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{110}^{(22)}m_{031}^{(00)} + m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(00)}m_{040}^{(22)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(00)}m_{031}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(00)}m_{022}^{(11)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(10)}m_{130}^{(22)} + 4m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(10)}m_{121}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(10)}m_{112}^{(11)} + m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{220}^{(22)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{211}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{112}^{(10)} - m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(11)}m_{022}^{(00)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{211}^{(11)}\\
&-4m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{121}^{(10)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(21)}m_{031}^{(00)} - m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(22)}m_{220}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(22)}m_{130}^{(10)} - m_{000}^{(20)}m_{100}^{(21)}m_{101}^{(22)}m_{040}^{(00)} + m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(00)}m_{121}^{(22)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(00)}m_{112}^{(21)} - m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(00)}m_{022}^{(20)} + m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(00)}m_{013}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(10)}m_{211}^{(22)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(10)}m_{112}^{(20)} - m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(10)}m_{013}^{(00)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{220}^{(22)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{211}^{(21)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{112}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(20)}m_{022}^{(00)} + m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(21)}m_{310}^{(22)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(21)}m_{211}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(21)}m_{112}^{(00)} - m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(22)}m_{310}^{(21)} + m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(22)}m_{220}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(22)}m_{211}^{(10)} - m_{000}^{(20)}m_{100}^{(21)}m_{020}^{(22)}m_{121}^{(00)} - m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(00)}m_{130}^{(22)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(00)}m_{112}^{(11)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(00)}m_{031}^{(20)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(00)}m_{022}^{(10)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{220}^{(22)} - 4m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{121}^{(20)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(10)}m_{022}^{(00)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(11)}m_{310}^{(22)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(11)}m_{211}^{(20)} - m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(11)}m_{112}^{(00)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(20)}m_{211}^{(11)} + 4m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(20)}m_{121}^{(10)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(20)}m_{031}^{(00)}
\end{aligned}
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$$+m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(22)}m_{310}^{(11)}-2m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(22)}m_{220}^{(10)}+m_{000}^{(20)}m_{100}^{(21)}m_{011}^{(22)}m_{130}^{(00)}$$
$$+m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(00)}m_{130}^{(21)}-m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(00)}m_{121}^{(11)}-m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(00)}m_{040}^{(20)}$$
$$+m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(00)}m_{031}^{(10)}-2m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(10)}m_{220}^{(21)}+m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(10)}m_{211}^{(11)}$$
$$+2m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(10)}m_{130}^{(20)}-m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(10)}m_{031}^{(00)}+m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(11)}m_{310}^{(21)}$$
$$-m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(11)}m_{220}^{(20)}-m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(11)}m_{211}^{(10)}+m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(11)}m_{121}^{(00)}$$
$$+m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(20)}m_{220}^{(11)}-2m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(20)}m_{130}^{(10)}+m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(20)}m_{040}^{(00)}$$
$$-m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(21)}m_{310}^{(11)}+2m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(21)}m_{220}^{(10)}-m_{000}^{(20)}m_{100}^{(21)}m_{002}^{(21)}m_{130}^{(00)}$$
$$+m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(10)}m_{022}^{(22)}-2m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(10)}m_{013}^{(21)}+m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(10)}m_{004}^{(11)}$$
$$-m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(11)}m_{112}^{(22)}+m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(11)}m_{103}^{(21)}+m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(11)}m_{013}^{(20)}$$
$$-m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(11)}m_{004}^{(10)}-m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(20)}m_{031}^{(22)}+2m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(20)}m_{022}^{(21)}$$
$$-m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(20)}m_{013}^{(11)}+m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(21)}m_{121}^{(22)}-m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(21)}m_{103}^{(11)}$$
$$-2m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(21)}m_{022}^{(20)}+2m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(21)}m_{013}^{(10)}-m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(22)}m_{121}^{(21)}$$
$$+m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(22)}m_{112}^{(11)}+m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(22)}m_{031}^{(20)}-m_{000}^{(20)}m_{010}^{(10)}m_{200}^{(22)}m_{022}^{(10)}$$
$$-m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(00)}m_{022}^{(22)}+2m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(00)}m_{013}^{(21)}-m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(00)}m_{004}^{(11)}$$
$$+m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(11)}m_{022}^{(22)}-2m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(11)}m_{013}^{(20)}+m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(11)}m_{004}^{(00)}$$
$$+2m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(20)}m_{121}^{(22)}-4m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(20)}m_{112}^{(21)}+2m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(20)}m_{103}^{(11)}$$
$$-2m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{211}^{(22)}+4m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{112}^{(20)}-2m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(21)}m_{013}^{(00)}$$
$$+2m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{211}^{(21)}-m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{202}^{(11)}-2m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{121}^{(20)}$$
$$+m_{000}^{(20)}m_{010}^{(10)}m_{110}^{(22)}m_{022}^{(00)}+m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(00)}m_{031}^{(22)}-2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(00)}m_{022}^{(21)}$$
$$+m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(00)}m_{013}^{(11)}-2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(10)}m_{121}^{(22)}+4m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(10)}m_{112}^{(21)}$$
$$-2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(10)}m_{103}^{(11)}+m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(11)}m_{211}^{(22)}-2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(11)}m_{202}^{(21)}$$
$$+2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(11)}m_{103}^{(10)}-m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(11)}m_{013}^{(00)}+2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{202}^{(11)}$$
$$-4m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{112}^{(10)}+2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(21)}m_{022}^{(00)}-m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(22)}m_{211}^{(11)}$$
$$+2m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(22)}m_{121}^{(10)}-m_{000}^{(20)}m_{010}^{(10)}m_{101}^{(22)}m_{031}^{(00)}+m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(00)}m_{112}^{(22)}$$
$$-m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(00)}m_{103}^{(21)}-m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(00)}m_{013}^{(20)}+m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(00)}m_{004}^{(10)}$$
$$-m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(10)}m_{202}^{(22)}+2m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(10)}m_{103}^{(20)}-m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(10)}m_{004}^{(00)}$$
$$-m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(20)}m_{211}^{(22)}+2m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(20)}m_{202}^{(21)}-2m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(20)}m_{103}^{(10)}$$
$$+m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(20)}m_{013}^{(00)}+m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(21)}m_{301}^{(22)}-2m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(21)}m_{202}^{(20)}$$
$$+m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(21)}m_{103}^{(00)}-m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(22)}m_{301}^{(21)}+m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(22)}m_{211}^{(20)}$$
$$+m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(22)}m_{202}^{(10)}-m_{000}^{(20)}m_{010}^{(10)}m_{020}^{(22)}m_{112}^{(00)}-m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(00)}m_{121}^{(22)}$$
$$+m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(00)}m_{103}^{(11)}+2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(00)}m_{022}^{(20)}-2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(00)}m_{013}^{(10)}$$
$$+2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{211}^{(22)}-4m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{112}^{(20)}+2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(10)}m_{013}^{(00)}$$
$$-m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(11)}m_{301}^{(22)}+2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(11)}m_{202}^{(20)}-m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(11)}m_{103}^{(00)}$$
$$-2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{202}^{(11)}+4m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{112}^{(10)}-2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(20)}m_{022}^{(00)}$$
$$+m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(22)}m_{301}^{(11)}-2m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(22)}m_{211}^{(10)}+m_{000}^{(20)}m_{010}^{(10)}m_{011}^{(22)}m_{121}^{(00)}$$
$$+m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(00)}m_{121}^{(21)}-m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(00)}m_{112}^{(11)}-m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(00)}m_{031}^{(20)}$$
$$+m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(00)}m_{022}^{(10)}-2m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{211}^{(21)}+m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{202}^{(11)}$$
$$+2m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{121}^{(20)}-m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(10)}m_{022}^{(00)}+m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(11)}m_{301}^{(21)}$$

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\begin{aligned}
&-m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(11)}m_{211}^{(20)} - m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(11)}m_{202}^{(10)} + m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(11)}m_{112}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(20)}m_{211}^{(11)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(20)}m_{121}^{(10)} + m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(20)}m_{031}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(21)}m_{301}^{(11)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(21)}m_{211}^{(10)} - m_{000}^{(20)}m_{010}^{(10)}m_{002}^{(21)}m_{121}^{(00)}\\
&-2m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(10)}m_{031}^{(22)} + 4m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(10)}m_{022}^{(21)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(10)}m_{013}^{(11)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(11)}m_{121}^{(22)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(11)}m_{112}^{(21)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(11)}m_{022}^{(20)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(11)}m_{013}^{(10)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(20)}m_{040}^{(22)} - 4m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(20)}m_{031}^{(21)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(20)}m_{022}^{(11)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(21)}m_{130}^{(22)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(21)}m_{112}^{(11)}\\
&+4m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(21)}m_{031}^{(20)} - 4m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(21)}m_{022}^{(10)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(22)}m_{130}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(22)}m_{121}^{(11)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(22)}m_{040}^{(20)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{200}^{(22)}m_{031}^{(10)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(00)}m_{031}^{(22)} - 4m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(00)}m_{022}^{(21)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(00)}m_{013}^{(11)}\\
&-2m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(11)}m_{211}^{(22)} + 4m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(11)}m_{112}^{(20)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(11)}m_{013}^{(00)}\\
&-4m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(20)}m_{130}^{(22)} + 8m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(20)}m_{121}^{(21)} - 4m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(20)}m_{112}^{(11)}\\
&+4m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{220}^{(22)} - 8m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{121}^{(20)} + 4m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(21)}m_{022}^{(00)}\\
&-4m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(22)}m_{220}^{(21)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(22)}m_{211}^{(11)} + 4m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(22)}m_{130}^{(20)}\\
&-2m_{000}^{(20)}m_{010}^{(20)}m_{110}^{(22)}m_{031}^{(00)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(00)}m_{040}^{(22)} + 4m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(00)}m_{031}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(00)}m_{022}^{(11)} + 4m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(10)}m_{130}^{(22)} - 8m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(10)}m_{121}^{(21)}\\
&+4m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(10)}m_{112}^{(11)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(11)}m_{220}^{(22)} + 4m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(11)}m_{211}^{(21)}\\
&-4m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(11)}m_{112}^{(10)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(11)}m_{022}^{(00)} - 4m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{211}^{(11)}\\
&+8m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{121}^{(10)} - 4m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(21)}m_{031}^{(00)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(22)}m_{220}^{(11)}\\
&-4m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(22)}m_{130}^{(10)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{101}^{(22)}m_{040}^{(00)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(00)}m_{121}^{(22)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(00)}m_{112}^{(21)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(00)}m_{022}^{(20)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(00)}m_{013}^{(10)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(10)}m_{211}^{(22)} - 4m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(10)}m_{112}^{(20)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(10)}m_{013}^{(00)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(20)}m_{220}^{(22)} - 4m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(20)}m_{211}^{(21)} + 4m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(20)}m_{112}^{(10)}\\
&-2m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(20)}m_{022}^{(00)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(21)}m_{310}^{(22)} + 4m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(21)}m_{211}^{(20)}\\
&-2m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(21)}m_{112}^{(00)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(22)}m_{310}^{(21)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(22)}m_{220}^{(20)}\\
&-2m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(22)}m_{211}^{(10)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{020}^{(22)}m_{121}^{(00)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(00)}m_{130}^{(22)}\\
&-2m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(00)}m_{112}^{(11)} - 4m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(00)}m_{031}^{(20)} + 4m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(00)}m_{022}^{(10)}\\
&-4m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{220}^{(22)} + 8m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{121}^{(20)} - 4m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(10)}m_{022}^{(00)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(11)}m_{310}^{(22)} - 4m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(11)}m_{211}^{(20)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(11)}m_{112}^{(00)}\\
&+4m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(20)}m_{211}^{(11)} - 8m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(20)}m_{121}^{(10)} + 4m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(20)}m_{031}^{(00)}\\
&-2m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(22)}m_{310}^{(11)} + 4m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(22)}m_{220}^{(10)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{011}^{(22)}m_{130}^{(00)}\\
&-2m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(00)}m_{130}^{(21)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(00)}m_{121}^{(11)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(00)}m_{040}^{(20)}\\
&-2m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(00)}m_{031}^{(10)} + 4m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(10)}m_{220}^{(21)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(10)}m_{211}^{(11)}\\
&-4m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(10)}m_{130}^{(20)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(10)}m_{031}^{(00)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(11)}m_{310}^{(21)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(11)}m_{220}^{(20)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(11)}m_{211}^{(10)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(11)}m_{121}^{(00)}\\
&-2m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(20)}m_{220}^{(11)} + 4m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(20)}m_{130}^{(10)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(20)}m_{040}^{(00)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(21)}m_{310}^{(11)} - 4m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(21)}m_{220}^{(10)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{002}^{(21)}m_{130}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(10)}m_{121}^{(22)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(10)}m_{112}^{(21)} + m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(10)}m_{103}^{(11)}
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&-m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(11)}m_{211}^{(22)}+m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(11)}m_{202}^{(21)}+m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(11)}m_{112}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(11)}m_{103}^{(10)}-m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(20)}m_{130}^{(22)}+2m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(20)}m_{121}^{(21)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(20)}m_{112}^{(11)}+m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{220}^{(22)}-m_{000}^{(20)}m_{010}^{(21)}m_{200}^{(21)}m_{202}^{(11)}\\
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&-m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(11)}m_{004}^{(10)} - m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(20)}m_{031}^{(22)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(20)}m_{022}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(20)}m_{013}^{(11)} + m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(21)}m_{121}^{(22)} - m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(21)}m_{103}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(21)}m_{022}^{(20)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(21)}m_{013}^{(10)} - m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(22)}m_{121}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(22)}m_{112}^{(11)} + m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(22)}m_{031}^{(20)} - m_{000}^{(21)}m_{100}^{(10)}m_{200}^{(22)}m_{022}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(00)}m_{022}^{(22)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(00)}m_{013}^{(21)} - m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(00)}m_{004}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(11)}m_{022}^{(22)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(11)}m_{103}^{(20)} + m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(11)}m_{004}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(20)}m_{121}^{(22)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(20)}m_{112}^{(21)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(20)}m_{103}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(21)}m_{211}^{(22)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(21)}m_{112}^{(20)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(21)}m_{013}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(22)}m_{211}^{(21)} - m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(22)}m_{202}^{(11)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(22)}m_{121}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{110}^{(22)}m_{022}^{(00)} + m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(00)}m_{031}^{(22)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(00)}m_{022}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(00)}m_{013}^{(11)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(10)}m_{121}^{(22)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(10)}m_{112}^{(21)}
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&+2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(11)}m_{103}^{(10)} - m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(11)}m_{013}^{(00)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(21)}m_{202}^{(11)}\\
&-4m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(21)}m_{112}^{(10)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(21)}m_{022}^{(00)} - m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(22)}m_{211}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(22)}m_{121}^{(10)} - m_{000}^{(21)}m_{100}^{(10)}m_{101}^{(22)}m_{031}^{(00)} + m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(00)}m_{112}^{(22)}\\
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&-m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(10)}m_{202}^{(22)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(10)}m_{103}^{(20)} - m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(10)}m_{004}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(20)}m_{211}^{(22)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(20)}m_{202}^{(21)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(20)}m_{103}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(20)}m_{013}^{(00)} + m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(21)}m_{301}^{(22)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(21)}m_{202}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(21)}m_{103}^{(00)} - m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(22)}m_{301}^{(21)} + m_{000}^{(21)}m_{100}^{(10)}m_{020}^{(22)}m_{211}^{(20)}\\
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&+m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(00)}m_{103}^{(11)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(00)}m_{022}^{(20)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(00)}m_{013}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(10)}m_{211}^{(22)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(10)}m_{112}^{(20)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{011}^{(10)}m_{013}^{(00)}\\
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&+2m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(10)}m_{121}^{(20)} - m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(10)}m_{022}^{(00)} + m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(11)}m_{301}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(11)}m_{211}^{(20)} - m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(11)}m_{202}^{(10)} + m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(11)}m_{112}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(20)}m_{211}^{(11)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(20)}m_{121}^{(10)} + m_{000}^{(21)}m_{100}^{(10)}m_{002}^{(20)}m_{031}^{(00)}\\
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&-2m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(21)}m_{031}^{(20)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(21)}m_{022}^{(10)} - m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(22)}m_{130}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(22)}m_{121}^{(11)} + m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(22)}m_{040}^{(20)} - m_{000}^{(21)}m_{100}^{(20)}m_{200}^{(22)}m_{031}^{(10)}\\
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&+m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(11)}m_{211}^{(22)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(11)}m_{112}^{(20)} + m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(11)}m_{013}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(20)}m_{130}^{(22)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(20)}m_{121}^{(21)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(20)}m_{112}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(21)}m_{220}^{(22)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(21)}m_{121}^{(20)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(21)}m_{022}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(22)}m_{220}^{(21)} - m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(22)}m_{211}^{(11)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(22)}m_{130}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{110}^{(22)}m_{031}^{(00)} + m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(00)}m_{040}^{(22)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(00)}m_{031}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(00)}m_{022}^{(11)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(10)}m_{130}^{(22)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(10)}m_{121}^{(21)}\\
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&+2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(11)}m_{112}^{(10)} - m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(11)}m_{022}^{(00)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(21)}m_{211}^{(11)}\\
&-4m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(21)}m_{121}^{(10)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(21)}m_{031}^{(00)} - m_{000}^{(21)}m_{100}^{(20)}m_{101}^{(22)}m_{220}^{(11)}\\
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&-m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(00)}m_{112}^{(21)} - m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(00)}m_{022}^{(20)} + m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(00)}m_{013}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(10)}m_{211}^{(22)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(10)}m_{112}^{(20)} - m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(10)}m_{013}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(20)}m_{220}^{(22)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(20)}m_{211}^{(21)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(20)}m_{112}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(20)}m_{022}^{(00)} + m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(21)}m_{310}^{(22)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(21)}m_{211}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(21)}m_{112}^{(00)} - m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(22)}m_{310}^{(21)} + m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(22)}m_{220}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(22)}m_{211}^{(10)} - m_{000}^{(21)}m_{100}^{(20)}m_{020}^{(22)}m_{121}^{(00)} - m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(00)}m_{130}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(00)}m_{112}^{(11)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(00)}m_{031}^{(20)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(00)}m_{022}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(10)}m_{220}^{(22)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(10)}m_{121}^{(20)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(10)}m_{022}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(11)}m_{310}^{(22)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(11)}m_{211}^{(20)} - m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(11)}m_{112}^{(00)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(20)}m_{211}^{(11)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(20)}m_{121}^{(10)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(20)}m_{031}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(22)}m_{310}^{(11)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(22)}m_{220}^{(10)} + m_{000}^{(21)}m_{100}^{(20)}m_{011}^{(22)}m_{130}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(00)}m_{130}^{(21)} - m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(00)}m_{121}^{(11)} - m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(00)}m_{040}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(00)}m_{031}^{(10)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(10)}m_{220}^{(21)} + m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(10)}m_{211}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(10)}m_{130}^{(20)} - m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(10)}m_{031}^{(00)} + m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(11)}m_{310}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(11)}m_{220}^{(20)} - m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(11)}m_{211}^{(10)} + m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(11)}m_{121}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(20)}m_{220}^{(11)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(20)}m_{130}^{(10)} + m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(20)}m_{040}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(21)}m_{310}^{(11)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(21)}m_{220}^{(10)} - m_{000}^{(21)}m_{100}^{(20)}m_{002}^{(21)}m_{130}^{(00)}\\
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&+2m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(11)}m_{211}^{(22)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(11)}m_{202}^{(21)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(11)}m_{112}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(11)}m_{103}^{(10)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(20)}m_{130}^{(22)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(20)}m_{121}^{(21)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(20)}m_{112}^{(11)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(21)}m_{220}^{(22)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(21)}m_{202}^{(11)}\\
&+4m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(21)}m_{121}^{(20)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(21)}m_{112}^{(10)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(22)}m_{220}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(22)}m_{211}^{(11)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(22)}m_{130}^{(20)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{200}^{(22)}m_{121}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(00)}m_{121}^{(22)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(00)}m_{112}^{(21)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(00)}m_{103}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(11)}m_{301}^{(22)} + 4m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(11)}m_{202}^{(20)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(11)}m_{103}^{(00)}\\
&-4m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(20)}m_{220}^{(22)} + 8m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(20)}m_{211}^{(21)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(20)}m_{202}^{(11)}\\
&+4m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(21)}m_{310}^{(22)} - 8m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(21)}m_{211}^{(20)} + 4m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(21)}m_{112}^{(00)}\\
&-4m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(22)}m_{310}^{(21)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(22)}m_{301}^{(11)} + 4m_{000}^{(21)}m_{100}^{(21)}m_{110}^{(22)}m_{220}^{(20)}\\
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&-2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(00)}m_{112}^{(11)} + 4m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(10)}m_{220}^{(22)} - 8m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(10)}m_{211}^{(21)}\\
&+4m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(10)}m_{202}^{(11)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(11)}m_{310}^{(22)} + 4m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(11)}m_{301}^{(21)}\\
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&+8m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(21)}m_{211}^{(10)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(21)}m_{121}^{(00)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{101}^{(22)}m_{310}^{(11)}\\
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&+2m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(10)}m_{301}^{(22)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(10)}m_{202}^{(20)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{020}^{(10)}m_{103}^{(00)}\\
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&-2m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(20)}m_{310}^{(11)} + 4m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(20)}m_{220}^{(10)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(20)}m_{130}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(21)}m_{400}^{(11)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(21)}m_{310}^{(10)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{002}^{(21)}m_{220}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(10)}m_{022}^{(22)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(10)}m_{013}^{(21)} - m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(10)}m_{004}^{(11)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(11)}m_{112}^{(22)} - m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(11)}m_{103}^{(21)} - m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(11)}m_{013}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(11)}m_{004}^{(10)} + m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(20)}m_{031}^{(22)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(20)}m_{022}^{(21)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(20)}m_{013}^{(11)} - m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(21)}m_{121}^{(22)} + m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(21)}m_{103}^{(11)}\\
&+2m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(21)}m_{022}^{(20)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(21)}m_{013}^{(10)} + m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(22)}m_{121}^{(21)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(22)}m_{112}^{(11)} - m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(22)}m_{031}^{(20)} + m_{000}^{(21)}m_{010}^{(00)}m_{200}^{(22)}m_{022}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(00)}m_{022}^{(22)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(00)}m_{013}^{(21)} + m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(00)}m_{004}^{(11)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(11)}m_{202}^{(22)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(11)}m_{103}^{(20)} - m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(11)}m_{004}^{(00)}\\
&-2m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(20)}m_{121}^{(22)} + 4m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(20)}m_{112}^{(21)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(20)}m_{103}^{(11)}\\
&+2m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(21)}m_{211}^{(22)} - 4m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(21)}m_{112}^{(20)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(21)}m_{013}^{(00)}\\
&-2m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(22)}m_{211}^{(21)} + m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(22)}m_{202}^{(11)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(22)}m_{121}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{110}^{(22)}m_{022}^{(00)} - m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(00)}m_{031}^{(22)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(00)}m_{022}^{(21)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(00)}m_{013}^{(11)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(10)}m_{121}^{(22)} - 4m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(10)}m_{112}^{(21)}\\
&+2m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(10)}m_{103}^{(11)} - m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(11)}m_{211}^{(22)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(11)}m_{202}^{(21)}\\
&-2m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(11)}m_{103}^{(10)} + m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(11)}m_{013}^{(00)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(21)}m_{202}^{(11)}\\
&+4m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(21)}m_{112}^{(10)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(21)}m_{022}^{(00)} + m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(22)}m_{211}^{(11)}\\
&-2m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(22)}m_{121}^{(10)} + m_{000}^{(21)}m_{010}^{(00)}m_{101}^{(22)}m_{031}^{(00)} - m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(00)}m_{112}^{(22)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(00)}m_{103}^{(21)} + m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(00)}m_{013}^{(20)} - m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(00)}m_{004}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(10)}m_{202}^{(22)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(10)}m_{103}^{(20)} + m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(10)}m_{004}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(20)}m_{211}^{(22)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(20)}m_{202}^{(21)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(20)}m_{103}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(20)}m_{013}^{(00)} - m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(21)}m_{301}^{(22)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(21)}m_{202}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(21)}m_{103}^{(00)} + m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(22)}m_{301}^{(21)} - m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(22)}m_{211}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(22)}m_{202}^{(10)} + m_{000}^{(21)}m_{010}^{(00)}m_{020}^{(22)}m_{112}^{(00)} + m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(00)}m_{121}^{(22)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(00)}m_{103}^{(11)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(00)}m_{022}^{(20)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(00)}m_{013}^{(10)}\\
&-2m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(10)}m_{211}^{(22)} + 4m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(10)}m_{112}^{(20)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(10)}m_{013}^{(00)}
\end{aligned}
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$$+m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(11)}m_{301}^{(22)}-2m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(11)}m_{202}^{(20)}+m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(11)}m_{103}^{(00)}$$
$$+2m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(20)}m_{202}^{(11)}-4m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(20)}m_{112}^{(10)}+2m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(20)}m_{022}^{(00)}$$
$$-m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(22)}m_{301}^{(11)}+2m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(22)}m_{211}^{(10)}-m_{000}^{(21)}m_{010}^{(00)}m_{011}^{(22)}m_{121}^{(00)}$$
$$-m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(00)}m_{121}^{(21)}+m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(11)}m_{112}^{(00)}+m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(20)}m_{031}^{(00)}$$
$$-m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(00)}m_{022}^{(10)}+2m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(10)}m_{211}^{(21)}-m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(10)}m_{202}^{(11)}$$
$$-2m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(10)}m_{121}^{(20)}+m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(10)}m_{022}^{(00)}-m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(11)}m_{301}^{(21)}$$
$$+m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(11)}m_{211}^{(20)}+m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(11)}m_{202}^{(10)}-m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(11)}m_{112}^{(00)}$$
$$-m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(20)}m_{211}^{(11)}+2m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(20)}m_{121}^{(10)}-m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(20)}m_{031}^{(00)}$$
$$+m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(21)}m_{301}^{(11)}-2m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(21)}m_{211}^{(10)}+m_{000}^{(21)}m_{010}^{(00)}m_{002}^{(21)}m_{121}^{(00)}$$
$$+m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(10)}m_{121}^{(22)}-2m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(10)}m_{112}^{(21)}+m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(10)}m_{103}^{(11)}$$
$$-m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(11)}m_{211}^{(22)}+m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(11)}m_{202}^{(21)}+m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(11)}m_{112}^{(20)}$$
$$-m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(11)}m_{103}^{(10)}-m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(20)}m_{130}^{(22)}+2m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(20)}m_{121}^{(21)}$$
$$-m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(20)}m_{112}^{(11)}+m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{220}^{(22)}-m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{202}^{(11)}$$
$$-2m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{121}^{(20)}+2m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(21)}m_{112}^{(10)}-m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(22)}m_{220}^{(21)}$$
$$+m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(22)}m_{211}^{(11)}+m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(22)}m_{130}^{(20)}-m_{000}^{(21)}m_{010}^{(20)}m_{200}^{(22)}m_{121}^{(10)}$$
$$-m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(00)}m_{121}^{(22)}+2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(00)}m_{112}^{(21)}-m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(00)}m_{103}^{(11)}$$
$$+m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(11)}m_{301}^{(22)}-2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(11)}m_{202}^{(20)}+m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(11)}m_{103}^{(00)}$$
$$+2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{220}^{(22)}-4m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{211}^{(21)}+2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(20)}m_{202}^{(11)}$$
$$-2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{310}^{(22)}+4m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{211}^{(20)}-2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(21)}m_{112}^{(00)}$$
$$+2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(22)}m_{310}^{(21)}-m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(22)}m_{301}^{(11)}-2m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(22)}m_{220}^{(20)}$$
$$+m_{000}^{(21)}m_{010}^{(20)}m_{110}^{(22)}m_{121}^{(00)}+m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(00)}m_{130}^{(22)}-2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(00)}m_{121}^{(21)}$$
$$+m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(00)}m_{112}^{(11)}-2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{220}^{(22)}+4m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{211}^{(21)}$$
$$-2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(10)}m_{202}^{(11)}+m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(11)}m_{310}^{(22)}-2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(11)}m_{301}^{(21)}$$
$$+2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(11)}m_{202}^{(10)}-m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(11)}m_{112}^{(00)}+2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{301}^{(11)}$$
$$-4m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{211}^{(10)}+2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(21)}m_{121}^{(00)}-m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(22)}m_{310}^{(11)}$$
$$+2m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(22)}m_{220}^{(10)}-m_{000}^{(21)}m_{010}^{(20)}m_{101}^{(22)}m_{130}^{(00)}+m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(00)}m_{211}^{(22)}$$
$$-m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(00)}m_{202}^{(21)}-m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(00)}m_{112}^{(20)}+m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(00)}m_{103}^{(10)}$$
$$-m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(10)}m_{301}^{(22)}+2m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(10)}m_{202}^{(20)}-m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(10)}m_{103}^{(00)}$$
$$-m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(20)}m_{310}^{(22)}+2m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(20)}m_{301}^{(21)}-2m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(20)}m_{202}^{(10)}$$
$$+m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(20)}m_{112}^{(00)}+m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(21)}m_{400}^{(22)}-2m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(21)}m_{301}^{(20)}$$
$$+m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(21)}m_{202}^{(00)}-m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(22)}m_{400}^{(21)}+m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(22)}m_{310}^{(20)}$$
$$+m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(22)}m_{301}^{(10)}-m_{000}^{(21)}m_{010}^{(20)}m_{020}^{(22)}m_{211}^{(00)}-m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{220}^{(22)}$$
$$+m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{202}^{(11)}+2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{121}^{(20)}-2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(00)}m_{112}^{(10)}$$
$$+2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{310}^{(22)}-4m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{211}^{(20)}+2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(10)}m_{112}^{(00)}$$
$$-m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(11)}m_{400}^{(22)}+2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(11)}m_{301}^{(20)}-m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(11)}m_{202}^{(00)}$$
$$-2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{301}^{(11)}+4m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{211}^{(10)}-2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(20)}m_{121}^{(00)}$$
$$+m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(22)}m_{400}^{(11)}-2m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(22)}m_{310}^{(10)}+m_{000}^{(21)}m_{010}^{(20)}m_{011}^{(22)}m_{220}^{(00)}$$
$$+m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(00)}m_{220}^{(21)}-m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(00)}m_{211}^{(11)}-m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(00)}m_{130}^{(20)}$$

$$+m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(00)}m_{121}^{(10)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(10)}m_{310}^{(21)} + m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(10)}m_{301}^{(11)}$$
$$+2m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(10)}m_{220}^{(20)} - m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(10)}m_{121}^{(00)} + m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(11)}m_{400}^{(21)}$$
$$-m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(11)}m_{310}^{(20)} - m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(11)}m_{301}^{(10)} + m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(11)}m_{211}^{(00)}$$
$$+m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(20)}m_{310}^{(11)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(20)}m_{220}^{(10)} + m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(20)}m_{130}^{(00)}$$
$$-m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(21)}m_{400}^{(11)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(21)}m_{310}^{(10)} - m_{000}^{(21)}m_{010}^{(20)}m_{002}^{(21)}m_{220}^{(00)}$$
$$-m_{000}^{(21)}m_{001}^{(00)}m_{200}^{(10)}m_{031}^{(22)} + 2m_{000}^{(21)}m_{001}^{(00)}m_{200}^{(10)}m_{022}^{(21)} - m_{000}^{(21)}m_{001}^{(00)}m_{200}^{(10)}m_{013}^{(11)}$$
$$+m_{000}^{(21)}m_{001}^{(00)}m_{200}^{(11)}m_{121}^{(22)} - m_{000}^{(21)}m_{001}^{(00)}m_{200}^{(11)}m_{112}^{(21)} - m_{000}^{(21)}m_{001}^{(00)}m_{200}^{(11)}m_{022}^{(20)}$$
$$+m_{000}^{(21)}m_{001}^{(00)}m_{200}^{(11)}m_{013}^{(10)} + m_{000}^{(21)}m_{001}^{(00)}m_{200}^{(20)}m_{040}^{(22)} - 2m_{000}^{(21)}m_{001}^{(00)}m_{200}^{(20)}m_{031}^{(21)}$$
$$+m_{000}^{(21)}m_{001}^{(00)}m_{200}^{(20)}m_{022}^{(11)} - m_{000}^{(21)}m_{001}^{(00)}m_{200}^{(21)}m_{130}^{(22)} + m_{000}^{(21)}m_{001}^{(00)}m_{200}^{(21)}m_{112}^{(11)}$$
$$+2m_{000}^{(21)}m_{001}^{(00)}m_{200}^{(21)}m_{031}^{(20)} - 2m_{000}^{(21)}m_{001}^{(00)}m_{200}^{(21)}m_{022}^{(10)} + m_{000}^{(21)}m_{001}^{(00)}m_{200}^{(22)}m_{130}^{(21)}$$
$$-m_{000}^{(21)}m_{001}^{(00)}m_{200}^{(22)}m_{121}^{(11)} - m_{000}^{(21)}m_{001}^{(00)}m_{200}^{(22)}m_{040}^{(20)} + m_{000}^{(21)}m_{001}^{(00)}m_{200}^{(22)}m_{031}^{(10)}$$
$$+m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(00)}m_{031}^{(22)} - 2m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(00)}m_{022}^{(21)} + m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(00)}m_{013}^{(11)}$$
$$-m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(11)}m_{211}^{(22)} + 2m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(11)}m_{112}^{(20)} - m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(11)}m_{013}^{(00)}$$
$$-2m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{130}^{(22)} + 4m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{121}^{(21)} - 2m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(20)}m_{112}^{(11)}$$
$$+2m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{220}^{(22)} - 4m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{121}^{(20)} + 2m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(21)}m_{022}^{(00)}$$
$$-2m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(22)}m_{220}^{(21)} + m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(22)}m_{211}^{(11)} + 2m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(22)}m_{130}^{(20)}$$
$$-m_{000}^{(21)}m_{001}^{(00)}m_{110}^{(22)}m_{031}^{(00)} - m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(00)}m_{040}^{(22)} + 2m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(00)}m_{031}^{(21)}$$
$$-m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(00)}m_{022}^{(11)} + 2m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(10)}m_{130}^{(22)} - 4m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(10)}m_{121}^{(21)}$$
$$+2m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(10)}m_{112}^{(11)} - m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(11)}m_{220}^{(22)} + 2m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(11)}m_{211}^{(21)}$$
$$-2m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(11)}m_{112}^{(10)} + m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(11)}m_{022}^{(00)} - 2m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{211}^{(11)}$$
$$+4m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{121}^{(10)} - 2m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(21)}m_{031}^{(00)} + m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(22)}m_{220}^{(11)}$$
$$-2m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(22)}m_{130}^{(10)} + m_{000}^{(21)}m_{001}^{(00)}m_{101}^{(22)}m_{040}^{(00)} - m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(00)}m_{121}^{(22)}$$
$$+m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(00)}m_{112}^{(21)} + m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(00)}m_{022}^{(20)} - m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(00)}m_{013}^{(10)}$$
$$+m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(10)}m_{211}^{(22)} - 2m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(10)}m_{112}^{(20)} + m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(10)}m_{013}^{(00)}$$
$$+m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(20)}m_{220}^{(22)} - 2m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(20)}m_{211}^{(21)} + 2m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(20)}m_{112}^{(10)}$$
$$-m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(20)}m_{022}^{(00)} - m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(21)}m_{310}^{(22)} + 2m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(21)}m_{211}^{(20)}$$
$$-m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(21)}m_{112}^{(00)} + m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(22)}m_{310}^{(21)} - m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(22)}m_{220}^{(20)}$$
$$-m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(22)}m_{211}^{(10)} + m_{000}^{(21)}m_{001}^{(00)}m_{020}^{(22)}m_{121}^{(00)} + m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(00)}m_{130}^{(22)}$$
$$-m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(00)}m_{112}^{(11)} - 2m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(00)}m_{031}^{(20)} + 2m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(00)}m_{022}^{(10)}$$
$$-2m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{220}^{(22)} + 4m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{121}^{(20)} - 2m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(10)}m_{022}^{(00)}$$
$$+m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(11)}m_{310}^{(22)} - 2m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(11)}m_{211}^{(20)} + m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(11)}m_{112}^{(00)}$$
$$+2m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{211}^{(11)} - 4m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{121}^{(10)} + 2m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(20)}m_{031}^{(00)}$$
$$-m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(22)}m_{310}^{(11)} + 2m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(22)}m_{220}^{(10)} - m_{000}^{(21)}m_{001}^{(00)}m_{011}^{(22)}m_{130}^{(00)}$$
$$-m_{000}^{(21)}m_{001}^{(00)}m_{002}^{(00)}m_{130}^{(21)} + m_{000}^{(21)}m_{001}^{(00)}m_{002}^{(00)}m_{121}^{(11)} + m_{000}^{(21)}m_{001}^{(00)}m_{002}^{(00)}m_{040}^{(20)}$$
$$-m_{000}^{(21)}m_{001}^{(00)}m_{002}^{(00)}m_{031}^{(10)} + 2m_{000}^{(21)}m_{001}^{(00)}m_{002}^{(10)}m_{220}^{(21)} - m_{000}^{(21)}m_{001}^{(00)}m_{002}^{(10)}m_{211}^{(11)}$$
$$-2m_{000}^{(21)}m_{001}^{(00)}m_{002}^{(10)}m_{130}^{(20)} + m_{000}^{(21)}m_{001}^{(00)}m_{002}^{(10)}m_{031}^{(00)} - m_{000}^{(21)}m_{001}^{(00)}m_{002}^{(11)}m_{310}^{(21)}$$
$$+m_{000}^{(21)}m_{001}^{(00)}m_{002}^{(11)}m_{220}^{(20)} + m_{000}^{(21)}m_{001}^{(00)}m_{002}^{(11)}m_{211}^{(10)} - m_{000}^{(21)}m_{001}^{(00)}m_{002}^{(11)}m_{121}^{(00)}$$
$$-m_{000}^{(21)}m_{001}^{(00)}m_{002}^{(20)}m_{220}^{(11)} + 2m_{000}^{(21)}m_{001}^{(00)}m_{002}^{(20)}m_{130}^{(10)} - m_{000}^{(21)}m_{001}^{(00)}m_{002}^{(20)}m_{040}^{(00)}$$

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\begin{aligned}
&+m_{000}^{(21)}m_{001}^{(00)}m_{002}^{(21)}m_{310}^{(11)} - 2m_{000}^{(21)}m_{001}^{(00)}m_{002}^{(21)}m_{220}^{(10)} + m_{000}^{(21)}m_{001}^{(00)}m_{002}^{(21)}m_{130}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(10)}m_{121}^{(22)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(10)}m_{112}^{(21)} + m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(10)}m_{103}^{(11)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(11)}m_{211}^{(22)} + m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(11)}m_{202}^{(21)} + m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(11)}m_{112}^{(20)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(11)}m_{103}^{(10)} - m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{130}^{(22)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{121}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(20)}m_{112}^{(11)} + m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{220}^{(22)} - m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{202}^{(11)}\\
&-2m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{121}^{(20)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(21)}m_{112}^{(10)} - m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(22)}m_{220}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(22)}m_{211}^{(11)} + m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(22)}m_{130}^{(20)} - m_{000}^{(21)}m_{001}^{(10)}m_{200}^{(22)}m_{121}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(00)}m_{121}^{(22)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(00)}m_{112}^{(21)} - m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(00)}m_{103}^{(11)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(11)}m_{301}^{(22)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(11)}m_{202}^{(20)} + m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(11)}m_{103}^{(00)}\\
&+2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{220}^{(22)} - 4m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{211}^{(21)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(20)}m_{202}^{(11)}\\
&-2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{310}^{(22)} + 4m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{211}^{(20)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(21)}m_{112}^{(00)}\\
&+2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(22)}m_{310}^{(21)} - m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(22)}m_{301}^{(11)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(22)}m_{220}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{110}^{(22)}m_{121}^{(00)} + m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{130}^{(22)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{121}^{(21)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(00)}m_{112}^{(11)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{220}^{(22)} + 4m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{211}^{(21)}\\
&-2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(10)}m_{202}^{(11)} + m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(11)}m_{310}^{(22)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(11)}m_{301}^{(21)}\\
&+2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(11)}m_{202}^{(10)} - m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(11)}m_{112}^{(00)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{301}^{(11)}\\
&-4m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{211}^{(10)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(21)}m_{121}^{(00)} - m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(22)}m_{310}^{(11)}\\
&+2m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(22)}m_{220}^{(10)} - m_{000}^{(21)}m_{001}^{(10)}m_{101}^{(22)}m_{130}^{(00)} + m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(00)}m_{211}^{(22)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(00)}m_{202}^{(21)} - m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(00)}m_{112}^{(20)} + m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(00)}m_{103}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(10)}m_{301}^{(22)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(10)}m_{202}^{(20)} - m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(10)}m_{103}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(20)}m_{310}^{(22)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(20)}m_{301}^{(21)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(20)}m_{202}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(20)}m_{112}^{(00)} + m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(21)}m_{400}^{(22)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(21)}m_{301}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(21)}m_{202}^{(00)} - m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(22)}m_{400}^{(21)} + m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(22)}m_{310}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(22)}m_{301}^{(10)} - m_{000}^{(21)}m_{001}^{(10)}m_{020}^{(22)}m_{211}^{(00)} - m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{220}^{(22)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{202}^{(11)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{121}^{(20)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(00)}m_{112}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{310}^{(22)} - 4m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{211}^{(20)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(10)}m_{112}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(11)}m_{400}^{(22)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(11)}m_{301}^{(20)} - m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(11)}m_{202}^{(00)}\\
&-2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{301}^{(11)} + 4m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{211}^{(10)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(20)}m_{121}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(22)}m_{400}^{(11)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(22)}m_{310}^{(10)} + m_{000}^{(21)}m_{001}^{(10)}m_{011}^{(22)}m_{220}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(00)}m_{220}^{(21)} - m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(00)}m_{211}^{(11)} - m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(00)}m_{130}^{(20)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(00)}m_{121}^{(10)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{310}^{(21)} + m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{301}^{(11)}\\
&+2m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{220}^{(20)} - m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(10)}m_{121}^{(00)} + m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(11)}m_{400}^{(21)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(11)}m_{310}^{(20)} - m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(11)}m_{301}^{(10)} + m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(11)}m_{211}^{(00)}\\
&+m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(20)}m_{310}^{(11)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(20)}m_{220}^{(10)} + m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(20)}m_{130}^{(00)}\\
&-m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(21)}m_{400}^{(11)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(21)}m_{310}^{(10)} - m_{000}^{(21)}m_{001}^{(10)}m_{002}^{(21)}m_{220}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{200}^{(10)}m_{031}^{(22)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{200}^{(10)}m_{022}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{200}^{(10)}m_{013}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{200}^{(11)}m_{121}^{(22)} - m_{000}^{(22)}m_{100}^{(10)}m_{200}^{(11)}m_{112}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{200}^{(11)}m_{022}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{200}^{(11)}m_{013}^{(10)} + m_{000}^{(22)}m_{100}^{(10)}m_{200}^{(20)}m_{040}^{(22)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{200}^{(20)}m_{031}^{(21)}
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&+m_{000}^{(22)}m_{100}^{(10)}m_{200}^{(20)}m_{022}^{(11)} - m_{000}^{(22)}m_{100}^{(10)}m_{200}^{(21)}m_{130}^{(22)} + m_{000}^{(22)}m_{100}^{(10)}m_{200}^{(21)}m_{112}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{200}^{(21)}m_{031}^{(20)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{200}^{(21)}m_{022}^{(10)} + m_{000}^{(22)}m_{100}^{(10)}m_{200}^{(22)}m_{130}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{200}^{(22)}m_{121}^{(11)} - m_{000}^{(22)}m_{100}^{(10)}m_{200}^{(22)}m_{040}^{(20)} + m_{000}^{(22)}m_{100}^{(10)}m_{200}^{(22)}m_{031}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(00)}m_{031}^{(22)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(00)}m_{022}^{(21)} + m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(00)}m_{013}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(11)}m_{211}^{(22)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(11)}m_{112}^{(20)} - m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(11)}m_{013}^{(00)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(20)}m_{130}^{(22)} + 4m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(20)}m_{121}^{(21)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(20)}m_{112}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(21)}m_{220}^{(22)} - 4m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(21)}m_{121}^{(20)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(21)}m_{022}^{(00)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(22)}m_{220}^{(21)} + m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(22)}m_{211}^{(11)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(22)}m_{130}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{110}^{(22)}m_{031}^{(00)} - m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(00)}m_{040}^{(22)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(00)}m_{031}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(00)}m_{022}^{(11)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(10)}m_{130}^{(22)} - 4m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(10)}m_{121}^{(21)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(10)}m_{112}^{(11)} - m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(11)}m_{220}^{(22)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(11)}m_{211}^{(21)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(11)}m_{112}^{(10)} + m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(11)}m_{022}^{(00)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(21)}m_{211}^{(11)}\\
&+4m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(21)}m_{121}^{(10)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(21)}m_{031}^{(00)} + m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(22)}m_{220}^{(11)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(22)}m_{130}^{(10)} + m_{000}^{(22)}m_{100}^{(10)}m_{101}^{(22)}m_{040}^{(00)} - m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(00)}m_{121}^{(22)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(00)}m_{112}^{(21)} + m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(00)}m_{022}^{(20)} - m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(00)}m_{013}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(10)}m_{211}^{(22)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(10)}m_{112}^{(20)} + m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(10)}m_{013}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(20)}m_{220}^{(22)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(20)}m_{211}^{(21)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(20)}m_{112}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(20)}m_{022}^{(00)} - m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(21)}m_{310}^{(22)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(21)}m_{211}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(21)}m_{112}^{(00)} + m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(22)}m_{310}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(22)}m_{220}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(22)}m_{211}^{(10)} + m_{000}^{(22)}m_{100}^{(10)}m_{020}^{(22)}m_{121}^{(00)} + m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(00)}m_{130}^{(22)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(00)}m_{112}^{(11)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(00)}m_{031}^{(20)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(00)}m_{022}^{(10)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(10)}m_{220}^{(22)} + 4m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(10)}m_{121}^{(20)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(10)}m_{022}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(11)}m_{310}^{(22)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(11)}m_{211}^{(20)} + m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(11)}m_{112}^{(00)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(20)}m_{211}^{(11)} - 4m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(20)}m_{121}^{(10)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(20)}m_{031}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(22)}m_{310}^{(11)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(22)}m_{220}^{(10)} - m_{000}^{(22)}m_{100}^{(10)}m_{011}^{(22)}m_{130}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(00)}m_{130}^{(21)} + m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(00)}m_{121}^{(11)} + m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(00)}m_{040}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(00)}m_{031}^{(10)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(10)}m_{220}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(10)}m_{211}^{(11)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(10)}m_{130}^{(20)} + m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(10)}m_{031}^{(00)} - m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(11)}m_{310}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(11)}m_{220}^{(20)} + m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(11)}m_{211}^{(10)} - m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(11)}m_{121}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(20)}m_{220}^{(11)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(20)}m_{130}^{(10)} - m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(20)}m_{040}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(21)}m_{310}^{(11)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(21)}m_{220}^{(10)} + m_{000}^{(22)}m_{100}^{(10)}m_{002}^{(21)}m_{130}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(10)}m_{121}^{(22)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(10)}m_{112}^{(21)} + m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(10)}m_{103}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(11)}m_{211}^{(22)} + m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(11)}m_{202}^{(21)} + m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(11)}m_{112}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(11)}m_{103}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(20)}m_{130}^{(22)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(20)}m_{121}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(20)}m_{112}^{(11)} + m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(21)}m_{220}^{(22)} - m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(21)}m_{202}^{(11)}\\
&-2m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(21)}m_{121}^{(20)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(21)}m_{112}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(22)}m_{220}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(22)}m_{211}^{(11)} + m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(22)}m_{130}^{(20)} - m_{000}^{(22)}m_{100}^{(11)}m_{200}^{(22)}m_{121}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(00)}m_{121}^{(22)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(00)}m_{112}^{(21)} - m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(00)}m_{103}^{(11)}
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&+m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(11)}m_{301}^{(22)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(11)}m_{202}^{(20)} + m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(11)}m_{103}^{(00)}\\
&+2m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(20)}m_{220}^{(22)} - 4m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(20)}m_{211}^{(21)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(20)}m_{202}^{(11)}\\
&-2m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(21)}m_{310}^{(22)} + 4m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(21)}m_{211}^{(20)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(21)}m_{112}^{(00)}\\
&+2m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(22)}m_{310}^{(21)} - m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(22)}m_{301}^{(11)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(22)}m_{220}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{110}^{(22)}m_{121}^{(00)} + m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(00)}m_{130}^{(22)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(00)}m_{121}^{(21)}\\
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&-2m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(10)}m_{202}^{(11)} + m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(11)}m_{310}^{(22)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(11)}m_{301}^{(21)}\\
&+2m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(11)}m_{202}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(11)}m_{112}^{(00)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(21)}m_{301}^{(11)}\\
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&+2m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(22)}m_{220}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{101}^{(22)}m_{130}^{(00)} + m_{000}^{(22)}m_{100}^{(11)}m_{020}^{(00)}m_{211}^{(22)}\\
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&+2m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(10)}m_{310}^{(22)} - 4m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(10)}m_{211}^{(20)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(10)}m_{112}^{(00)}\\
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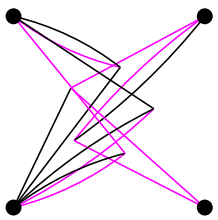
&-2m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(20)}m_{301}^{(11)} + 4m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(20)}m_{211}^{(10)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(20)}m_{121}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(22)}m_{400}^{(11)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(22)}m_{310}^{(10)} + m_{000}^{(22)}m_{100}^{(11)}m_{011}^{(22)}m_{220}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(00)}m_{220}^{(21)} - m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(00)}m_{211}^{(11)} - m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(00)}m_{130}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(00)}m_{121}^{(10)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(10)}m_{310}^{(21)} + m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(10)}m_{301}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(10)}m_{220}^{(20)} - m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(10)}m_{121}^{(00)} + m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(11)}m_{400}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(11)}m_{310}^{(20)} - m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(11)}m_{301}^{(10)} + m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(11)}m_{211}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(20)}m_{310}^{(11)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(20)}m_{220}^{(10)} + m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(20)}m_{130}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(21)}m_{400}^{(11)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(21)}m_{310}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{002}^{(21)}m_{220}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{200}^{(10)}m_{031}^{(22)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{200}^{(10)}m_{022}^{(21)} + m_{000}^{(22)}m_{010}^{(00)}m_{200}^{(10)}m_{013}^{(11)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{200}^{(11)}m_{121}^{(22)} + m_{000}^{(22)}m_{010}^{(00)}m_{200}^{(11)}m_{112}^{(21)} + m_{000}^{(22)}m_{010}^{(00)}m_{200}^{(11)}m_{022}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{200}^{(11)}m_{013}^{(10)} - m_{000}^{(22)}m_{010}^{(00)}m_{200}^{(20)}m_{040}^{(22)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{200}^{(20)}m_{031}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{200}^{(20)}m_{022}^{(11)} + m_{000}^{(22)}m_{010}^{(00)}m_{200}^{(21)}m_{130}^{(22)} - m_{000}^{(22)}m_{010}^{(00)}m_{200}^{(21)}m_{112}^{(11)}\\
&-2m_{000}^{(22)}m_{010}^{(00)}m_{200}^{(21)}m_{031}^{(20)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{200}^{(21)}m_{022}^{(10)} - m_{000}^{(22)}m_{010}^{(00)}m_{200}^{(22)}m_{130}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{200}^{(22)}m_{121}^{(11)} + m_{000}^{(22)}m_{010}^{(00)}m_{200}^{(22)}m_{040}^{(20)} - m_{000}^{(22)}m_{010}^{(00)}m_{200}^{(22)}m_{031}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(00)}m_{031}^{(22)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(00)}m_{022}^{(21)} - m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(00)}m_{013}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(11)}m_{211}^{(22)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(11)}m_{112}^{(20)} + m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(11)}m_{013}^{(00)}\\
&+2m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(20)}m_{130}^{(22)} - 4m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(20)}m_{121}^{(21)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(20)}m_{112}^{(11)}\\
&-2m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(21)}m_{220}^{(22)} + 4m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(21)}m_{121}^{(20)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(21)}m_{022}^{(00)}\\
&+2m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(22)}m_{220}^{(21)} - m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(22)}m_{211}^{(11)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(22)}m_{130}^{(20)}
\end{aligned}
$$

$$+m_{000}^{(22)}m_{010}^{(00)}m_{110}^{(22)}m_{031}^{(00)}+m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(00)}m_{040}^{(22)}-2m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(00)}m_{031}^{(21)}$$
$$+m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(00)}m_{022}^{(11)}-2m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(10)}m_{130}^{(22)}+4m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(10)}m_{121}^{(21)}$$
$$-2m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(10)}m_{112}^{(11)}+m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(11)}m_{220}^{(22)}-2m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(11)}m_{211}^{(21)}$$
$$+2m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(11)}m_{112}^{(10)}-m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(11)}m_{022}^{(00)}+2m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(21)}m_{211}^{(11)}$$
$$-4m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(21)}m_{121}^{(10)}+2m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(21)}m_{031}^{(00)}-m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(22)}m_{220}^{(11)}$$
$$+2m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(22)}m_{130}^{(10)}-m_{000}^{(22)}m_{010}^{(00)}m_{101}^{(22)}m_{040}^{(00)}+m_{000}^{(22)}m_{010}^{(00)}m_{020}^{(00)}m_{121}^{(22)}$$
$$-m_{000}^{(22)}m_{010}^{(00)}m_{020}^{(00)}m_{112}^{(21)}-m_{000}^{(22)}m_{010}^{(00)}m_{020}^{(00)}m_{022}^{(20)}+m_{000}^{(22)}m_{010}^{(00)}m_{020}^{(00)}m_{013}^{(10)}$$
$$-m_{000}^{(22)}m_{010}^{(00)}m_{020}^{(10)}m_{211}^{(22)}+2m_{000}^{(22)}m_{010}^{(00)}m_{020}^{(10)}m_{112}^{(20)}-m_{000}^{(22)}m_{010}^{(00)}m_{020}^{(10)}m_{013}^{(00)}$$
$$-m_{000}^{(22)}m_{010}^{(00)}m_{020}^{(20)}m_{220}^{(22)}+2m_{000}^{(22)}m_{010}^{(00)}m_{020}^{(20)}m_{211}^{(21)}-2m_{000}^{(22)}m_{010}^{(00)}m_{020}^{(20)}m_{112}^{(10)}$$
$$+m_{000}^{(22)}m_{010}^{(00)}m_{020}^{(20)}m_{022}^{(00)}+m_{000}^{(22)}m_{010}^{(00)}m_{020}^{(21)}m_{310}^{(22)}-2m_{000}^{(22)}m_{010}^{(00)}m_{020}^{(21)}m_{211}^{(20)}$$
$$+m_{000}^{(22)}m_{010}^{(00)}m_{020}^{(21)}m_{112}^{(00)}-m_{000}^{(22)}m_{010}^{(00)}m_{020}^{(22)}m_{310}^{(21)}+m_{000}^{(22)}m_{010}^{(00)}m_{020}^{(22)}m_{220}^{(20)}$$
$$+m_{000}^{(22)}m_{010}^{(00)}m_{020}^{(22)}m_{211}^{(10)}-m_{000}^{(22)}m_{010}^{(00)}m_{020}^{(22)}m_{121}^{(00)}-m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(00)}m_{130}^{(22)}$$
$$+m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(00)}m_{112}^{(11)}+2m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(00)}m_{031}^{(20)}-2m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(00)}m_{022}^{(10)}$$
$$+2m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(10)}m_{220}^{(22)}-4m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(10)}m_{121}^{(20)}+2m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(10)}m_{022}^{(00)}$$
$$-m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(11)}m_{310}^{(22)}+2m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(11)}m_{211}^{(20)}-m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(11)}m_{112}^{(00)}$$
$$-2m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(20)}m_{211}^{(11)}+4m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(20)}m_{121}^{(10)}-2m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(20)}m_{031}^{(00)}$$
$$+m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(22)}m_{310}^{(11)}-2m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(22)}m_{220}^{(10)}+m_{000}^{(22)}m_{010}^{(00)}m_{011}^{(22)}m_{130}^{(00)}$$
$$+m_{000}^{(22)}m_{010}^{(00)}m_{002}^{(00)}m_{130}^{(21)}-m_{000}^{(22)}m_{010}^{(00)}m_{002}^{(00)}m_{121}^{(11)}-m_{000}^{(22)}m_{010}^{(00)}m_{002}^{(00)}m_{040}^{(20)}$$
$$+m_{000}^{(22)}m_{010}^{(00)}m_{002}^{(00)}m_{031}^{(10)}-2m_{000}^{(22)}m_{010}^{(00)}m_{002}^{(10)}m_{220}^{(21)}+m_{000}^{(22)}m_{010}^{(00)}m_{002}^{(10)}m_{211}^{(11)}$$
$$+2m_{000}^{(22)}m_{010}^{(00)}m_{002}^{(10)}m_{130}^{(20)}-m_{000}^{(22)}m_{010}^{(00)}m_{002}^{(10)}m_{031}^{(00)}+m_{000}^{(22)}m_{010}^{(00)}m_{002}^{(11)}m_{310}^{(21)}$$
$$-m_{000}^{(22)}m_{010}^{(00)}m_{002}^{(11)}m_{220}^{(20)}-m_{000}^{(22)}m_{010}^{(00)}m_{002}^{(11)}m_{211}^{(10)}+m_{000}^{(22)}m_{010}^{(00)}m_{002}^{(11)}m_{121}^{(00)}$$
$$+m_{000}^{(22)}m_{010}^{(00)}m_{002}^{(20)}m_{220}^{(11)}-2m_{000}^{(22)}m_{010}^{(00)}m_{002}^{(20)}m_{130}^{(10)}+m_{000}^{(22)}m_{010}^{(00)}m_{002}^{(20)}m_{040}^{(00)}$$
$$-m_{000}^{(22)}m_{010}^{(00)}m_{002}^{(21)}m_{310}^{(11)}+2m_{000}^{(22)}m_{010}^{(00)}m_{002}^{(21)}m_{220}^{(10)}-m_{000}^{(22)}m_{010}^{(00)}m_{002}^{(21)}m_{130}^{(00)}$$
$$-m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(10)}m_{121}^{(22)}+2m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(10)}m_{112}^{(21)}-m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(10)}m_{103}^{(11)}$$
$$+m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(11)}m_{211}^{(22)}-m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(11)}m_{202}^{(21)}-m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(11)}m_{112}^{(20)}$$
$$+m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(11)}m_{103}^{(10)}+m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(20)}m_{130}^{(22)}-2m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(20)}m_{121}^{(21)}$$
$$+m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(20)}m_{112}^{(11)}-m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(21)}m_{220}^{(22)}+m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(21)}m_{202}^{(11)}$$
$$+2m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(21)}m_{121}^{(20)}-2m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(21)}m_{112}^{(10)}+m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(22)}m_{220}^{(21)}$$
$$-m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(22)}m_{211}^{(11)}-m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(22)}m_{130}^{(20)}+m_{000}^{(22)}m_{010}^{(10)}m_{200}^{(22)}m_{121}^{(10)}$$
$$+m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(00)}m_{121}^{(22)}-2m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(00)}m_{112}^{(21)}+m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(00)}m_{103}^{(11)}$$
$$-m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(11)}m_{301}^{(22)}+2m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(11)}m_{202}^{(20)}-m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(11)}m_{103}^{(00)}$$
$$-2m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(20)}m_{220}^{(22)}+4m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(20)}m_{211}^{(21)}-2m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(20)}m_{202}^{(11)}$$
$$+2m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(21)}m_{310}^{(22)}-4m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(21)}m_{211}^{(20)}+2m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(21)}m_{112}^{(00)}$$
$$-2m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(22)}m_{310}^{(21)}+m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(22)}m_{301}^{(11)}+2m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(22)}m_{220}^{(20)}$$
$$-m_{000}^{(22)}m_{010}^{(10)}m_{110}^{(22)}m_{121}^{(00)}-m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(00)}m_{130}^{(22)}+2m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(00)}m_{121}^{(21)}$$
$$-m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(00)}m_{112}^{(11)}+2m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(10)}m_{220}^{(22)}-4m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(10)}m_{211}^{(21)}$$
$$+2m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(10)}m_{202}^{(11)}-m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(11)}m_{310}^{(22)}+2m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(11)}m_{301}^{(21)}$$
$$-2m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(11)}m_{202}^{(10)}+m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(11)}m_{112}^{(00)}-2m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(21)}m_{301}^{(11)}$$

$$
\begin{aligned}
&+4m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(21)}m_{211}^{(10)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(21)}m_{121}^{(00)} + m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(22)}m_{310}^{(11)}\\
&-2m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(22)}m_{220}^{(10)} + m_{000}^{(22)}m_{010}^{(10)}m_{101}^{(22)}m_{130}^{(00)} - m_{000}^{(22)}m_{010}^{(10)}m_{020}^{(00)}m_{211}^{(22)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{020}^{(00)}m_{202}^{(21)} + m_{000}^{(22)}m_{010}^{(10)}m_{020}^{(00)}m_{112}^{(20)} - m_{000}^{(22)}m_{010}^{(10)}m_{020}^{(00)}m_{103}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{020}^{(10)}m_{301}^{(22)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{020}^{(10)}m_{202}^{(20)} + m_{000}^{(22)}m_{010}^{(10)}m_{020}^{(10)}m_{103}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{020}^{(20)}m_{310}^{(22)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{020}^{(20)}m_{301}^{(21)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{020}^{(20)}m_{202}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{020}^{(20)}m_{112}^{(00)} - m_{000}^{(22)}m_{010}^{(10)}m_{020}^{(21)}m_{400}^{(22)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{020}^{(21)}m_{301}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{020}^{(21)}m_{202}^{(00)} + m_{000}^{(22)}m_{010}^{(10)}m_{020}^{(22)}m_{400}^{(21)} - m_{000}^{(22)}m_{010}^{(10)}m_{020}^{(22)}m_{310}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{020}^{(22)}m_{301}^{(10)} + m_{000}^{(22)}m_{010}^{(10)}m_{020}^{(22)}m_{211}^{(00)} + m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(00)}m_{220}^{(22)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(00)}m_{202}^{(11)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(00)}m_{121}^{(20)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(00)}m_{112}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(10)}m_{310}^{(22)} + 4m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(10)}m_{211}^{(20)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(10)}m_{112}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(11)}m_{400}^{(22)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(11)}m_{301}^{(20)} + m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(11)}m_{202}^{(00)}\\
&+2m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(20)}m_{301}^{(11)} - 4m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(20)}m_{211}^{(10)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(20)}m_{121}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(22)}m_{400}^{(11)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(22)}m_{310}^{(10)} - m_{000}^{(22)}m_{010}^{(10)}m_{011}^{(22)}m_{220}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{002}^{(00)}m_{220}^{(21)} + m_{000}^{(22)}m_{010}^{(10)}m_{002}^{(00)}m_{211}^{(11)} + m_{000}^{(22)}m_{010}^{(10)}m_{002}^{(00)}m_{130}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{002}^{(00)}m_{121}^{(10)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{002}^{(10)}m_{310}^{(21)} - m_{000}^{(22)}m_{010}^{(10)}m_{002}^{(10)}m_{301}^{(11)}\\
&-2m_{000}^{(22)}m_{010}^{(10)}m_{002}^{(10)}m_{220}^{(20)} + m_{000}^{(22)}m_{010}^{(10)}m_{002}^{(10)}m_{121}^{(00)} - m_{000}^{(22)}m_{010}^{(10)}m_{002}^{(11)}m_{400}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{002}^{(11)}m_{310}^{(20)} + m_{000}^{(22)}m_{010}^{(10)}m_{002}^{(11)}m_{301}^{(10)} - m_{000}^{(22)}m_{010}^{(10)}m_{002}^{(11)}m_{211}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{002}^{(20)}m_{310}^{(11)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{002}^{(20)}m_{220}^{(10)} - m_{000}^{(22)}m_{010}^{(10)}m_{002}^{(20)}m_{130}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{002}^{(21)}m_{400}^{(11)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{002}^{(21)}m_{310}^{(10)} + m_{000}^{(22)}m_{010}^{(10)}m_{002}^{(21)}m_{220}^{(00)}
\end{aligned}
$$

Generating graph:

$V1$	$V1$	1	1	$V3$
1	1	$V2$	$V3$	3
$V2$	2	2	$V4$	$V4$



$$
\begin{aligned}
T_{173} \;=\;& -m_{200}^{(00)}m_{110}^{(11)}m_{023}^{(22)} + 2m_{200}^{(00)}m_{110}^{(11)}m_{014}^{(21)} - m_{200}^{(00)}m_{110}^{(11)}m_{005}^{(11)} + 2m_{200}^{(00)}m_{110}^{(21)}m_{032}^{(22)}\\
&-4m_{200}^{(00)}m_{110}^{(21)}m_{023}^{(21)} + 2m_{200}^{(00)}m_{110}^{(21)}m_{014}^{(11)} - m_{200}^{(00)}m_{110}^{(22)}m_{041}^{(22)} + 2m_{200}^{(00)}m_{110}^{(22)}m_{032}^{(21)}\\
&-m_{200}^{(00)}m_{110}^{(22)}m_{023}^{(11)} + m_{200}^{(00)}m_{101}^{(11)}m_{032}^{(22)} - 2m_{200}^{(00)}m_{101}^{(11)}m_{023}^{(21)} + m_{200}^{(00)}m_{101}^{(11)}m_{014}^{(11)}\\
&-2m_{200}^{(00)}m_{101}^{(21)}m_{041}^{(22)} + 4m_{200}^{(00)}m_{101}^{(21)}m_{032}^{(21)} - 2m_{200}^{(00)}m_{101}^{(21)}m_{023}^{(11)} + m_{200}^{(00)}m_{101}^{(22)}m_{050}^{(22)}
\end{aligned}
$$

$$
\begin{aligned}
&-2m_{200}^{(00)}m_{101}^{(22)}m_{041}^{(21)} + m_{200}^{(00)}m_{101}^{(22)}m_{032}^{(11)} + m_{200}^{(00)}m_{020}^{(10)}m_{023}^{(22)} - 2m_{200}^{(00)}m_{020}^{(10)}m_{014}^{(21)}\\
&+m_{200}^{(00)}m_{020}^{(10)}m_{005}^{(11)} - m_{200}^{(00)}m_{020}^{(20)}m_{032}^{(22)} + 2m_{200}^{(00)}m_{020}^{(20)}m_{023}^{(21)} - m_{200}^{(00)}m_{020}^{(20)}m_{014}^{(11)}\\
&-m_{200}^{(00)}m_{020}^{(21)}m_{122}^{(22)} + 2m_{200}^{(00)}m_{020}^{(21)}m_{113}^{(21)} - m_{200}^{(00)}m_{020}^{(21)}m_{104}^{(11)} + m_{200}^{(00)}m_{020}^{(22)}m_{131}^{(22)}\\
&-2m_{200}^{(00)}m_{020}^{(22)}m_{122}^{(21)} + m_{200}^{(00)}m_{020}^{(22)}m_{113}^{(11)} - 2m_{200}^{(00)}m_{011}^{(10)}m_{032}^{(22)} + 4m_{200}^{(00)}m_{011}^{(10)}m_{023}^{(21)}\\
&-2m_{200}^{(00)}m_{011}^{(10)}m_{014}^{(11)} + m_{200}^{(00)}m_{011}^{(11)}m_{122}^{(22)} - 2m_{200}^{(00)}m_{011}^{(11)}m_{113}^{(21)} + m_{200}^{(00)}m_{011}^{(11)}m_{104}^{(11)}\\
&+2m_{200}^{(00)}m_{011}^{(20)}m_{041}^{(22)} - 4m_{200}^{(00)}m_{011}^{(20)}m_{032}^{(21)} + 2m_{200}^{(00)}m_{011}^{(20)}m_{023}^{(11)} - m_{200}^{(00)}m_{011}^{(22)}m_{140}^{(22)}\\
&+2m_{200}^{(00)}m_{011}^{(22)}m_{131}^{(21)} - m_{200}^{(00)}m_{011}^{(22)}m_{122}^{(11)} + m_{200}^{(00)}m_{002}^{(10)}m_{041}^{(22)} - 2m_{200}^{(00)}m_{002}^{(10)}m_{032}^{(21)}\\
&+m_{200}^{(00)}m_{002}^{(10)}m_{023}^{(11)} - m_{200}^{(00)}m_{002}^{(11)}m_{131}^{(22)} + 2m_{200}^{(00)}m_{002}^{(11)}m_{122}^{(21)} - m_{200}^{(00)}m_{002}^{(11)}m_{113}^{(11)}\\
&-m_{200}^{(00)}m_{002}^{(20)}m_{050}^{(22)} + 2m_{200}^{(00)}m_{002}^{(20)}m_{041}^{(21)} - m_{200}^{(00)}m_{002}^{(20)}m_{032}^{(11)} + m_{200}^{(00)}m_{002}^{(21)}m_{140}^{(22)}\\
&-2m_{200}^{(00)}m_{002}^{(21)}m_{131}^{(21)} + m_{200}^{(00)}m_{002}^{(21)}m_{122}^{(11)} + 2m_{200}^{(10)}m_{110}^{(11)}m_{113}^{(22)} - 2m_{200}^{(10)}m_{110}^{(11)}m_{104}^{(21)}\\
&-2m_{200}^{(10)}m_{110}^{(11)}m_{014}^{(20)} + 2m_{200}^{(10)}m_{110}^{(11)}m_{005}^{(10)} - 4m_{200}^{(10)}m_{110}^{(21)}m_{122}^{(22)} + 4m_{200}^{(10)}m_{110}^{(21)}m_{113}^{(21)}\\
&+4m_{200}^{(10)}m_{110}^{(21)}m_{023}^{(20)} - 4m_{200}^{(10)}m_{110}^{(21)}m_{014}^{(10)} + 2m_{200}^{(10)}m_{110}^{(22)}m_{131}^{(22)} - 2m_{200}^{(10)}m_{110}^{(22)}m_{122}^{(21)}\\
&-2m_{200}^{(10)}m_{110}^{(22)}m_{032}^{(20)} + 2m_{200}^{(10)}m_{110}^{(22)}m_{023}^{(10)} - 2m_{200}^{(10)}m_{101}^{(11)}m_{122}^{(22)} + 2m_{200}^{(10)}m_{101}^{(11)}m_{113}^{(21)}\\
&+2m_{200}^{(10)}m_{101}^{(11)}m_{023}^{(20)} - 2m_{200}^{(10)}m_{101}^{(11)}m_{014}^{(10)} + 4m_{200}^{(10)}m_{101}^{(21)}m_{131}^{(22)} - 4m_{200}^{(10)}m_{101}^{(21)}m_{122}^{(21)}\\
&-4m_{200}^{(10)}m_{101}^{(21)}m_{032}^{(20)} + 4m_{200}^{(10)}m_{101}^{(21)}m_{023}^{(10)} - 2m_{200}^{(10)}m_{101}^{(22)}m_{140}^{(22)} + 2m_{200}^{(10)}m_{101}^{(22)}m_{131}^{(21)}\\
&+2m_{200}^{(10)}m_{101}^{(22)}m_{041}^{(20)} - 2m_{200}^{(10)}m_{101}^{(22)}m_{032}^{(10)} - m_{200}^{(10)}m_{020}^{(00)}m_{023}^{(22)} + 2m_{200}^{(10)}m_{020}^{(00)}m_{014}^{(21)}\\
&-m_{200}^{(10)}m_{020}^{(00)}m_{005}^{(11)} - m_{200}^{(10)}m_{020}^{(11)}m_{203}^{(22)} + 2m_{200}^{(10)}m_{020}^{(11)}m_{104}^{(20)} - m_{200}^{(10)}m_{020}^{(11)}m_{005}^{(00)}\\
&+2m_{200}^{(10)}m_{020}^{(20)}m_{122}^{(22)} - 4m_{200}^{(10)}m_{020}^{(20)}m_{113}^{(21)} + 2m_{200}^{(10)}m_{020}^{(20)}m_{104}^{(11)} + 2m_{200}^{(10)}m_{020}^{(21)}m_{212}^{(22)}\\
&-4m_{200}^{(10)}m_{020}^{(21)}m_{113}^{(20)} + 2m_{200}^{(10)}m_{020}^{(21)}m_{014}^{(00)} - 2m_{200}^{(10)}m_{020}^{(22)}m_{221}^{(22)} + 2m_{200}^{(10)}m_{020}^{(22)}m_{212}^{(21)}\\
&-m_{200}^{(10)}m_{020}^{(22)}m_{203}^{(11)} + 2m_{200}^{(10)}m_{020}^{(22)}m_{122}^{(20)} - m_{200}^{(10)}m_{020}^{(22)}m_{023}^{(00)} + 2m_{200}^{(10)}m_{011}^{(00)}m_{032}^{(22)}\\
&-4m_{200}^{(10)}m_{011}^{(00)}m_{023}^{(21)} + 2m_{200}^{(10)}m_{011}^{(00)}m_{014}^{(11)} + 2m_{200}^{(10)}m_{011}^{(11)}m_{203}^{(21)} - 2m_{200}^{(10)}m_{011}^{(11)}m_{113}^{(20)}\\
&-2m_{200}^{(10)}m_{011}^{(11)}m_{104}^{(10)} + 2m_{200}^{(10)}m_{011}^{(11)}m_{014}^{(00)} - 4m_{200}^{(10)}m_{011}^{(20)}m_{131}^{(22)} + 8m_{200}^{(10)}m_{011}^{(20)}m_{122}^{(21)}\\
&-4m_{200}^{(10)}m_{011}^{(20)}m_{113}^{(11)} - 4m_{200}^{(10)}m_{011}^{(21)}m_{212}^{(21)} + 4m_{200}^{(10)}m_{011}^{(21)}m_{122}^{(20)} + 4m_{200}^{(10)}m_{011}^{(21)}m_{113}^{(10)}\\
&-4m_{200}^{(10)}m_{011}^{(21)}m_{023}^{(00)} + 2m_{200}^{(10)}m_{011}^{(22)}m_{230}^{(22)} - 2m_{200}^{(10)}m_{011}^{(22)}m_{221}^{(21)} + 2m_{200}^{(10)}m_{011}^{(22)}m_{212}^{(11)}\\
&-2m_{200}^{(10)}m_{011}^{(22)}m_{131}^{(20)} - 2m_{200}^{(10)}m_{011}^{(22)}m_{122}^{(10)} + 2m_{200}^{(10)}m_{011}^{(22)}m_{032}^{(00)} - m_{200}^{(10)}m_{002}^{(00)}m_{041}^{(22)}\\
&+2m_{200}^{(10)}m_{002}^{(00)}m_{032}^{(21)} - m_{200}^{(10)}m_{002}^{(00)}m_{023}^{(11)} + m_{200}^{(10)}m_{002}^{(11)}m_{221}^{(22)} - 2m_{200}^{(10)}m_{002}^{(11)}m_{212}^{(21)}\\
&+2m_{200}^{(10)}m_{002}^{(11)}m_{113}^{(10)} - m_{200}^{(10)}m_{002}^{(00)}m_{023}^{(11)} + 2m_{200}^{(10)}m_{002}^{(20)}m_{140}^{(22)} - 4m_{200}^{(10)}m_{002}^{(20)}m_{131}^{(21)}\\
&+2m_{200}^{(10)}m_{002}^{(20)}m_{122}^{(11)} - 2m_{200}^{(10)}m_{002}^{(21)}m_{230}^{(22)} + 4m_{200}^{(10)}m_{002}^{(21)}m_{221}^{(21)} - 4m_{200}^{(10)}m_{002}^{(21)}m_{122}^{(10)}\\
&+2m_{200}^{(10)}m_{002}^{(21)}m_{032}^{(00)} - m_{200}^{(10)}m_{002}^{(22)}m_{221}^{(11)} + 2m_{200}^{(10)}m_{002}^{(22)}m_{131}^{(10)} - m_{200}^{(10)}m_{002}^{(22)}m_{041}^{(00)}\\
&+m_{200}^{(11)}m_{110}^{(00)}m_{023}^{(22)} - 2m_{200}^{(11)}m_{110}^{(00)}m_{014}^{(21)} + m_{200}^{(11)}m_{110}^{(00)}m_{005}^{(11)} - 2m_{200}^{(11)}m_{110}^{(10)}m_{113}^{(22)}\\
&+2m_{200}^{(11)}m_{110}^{(10)}m_{104}^{(21)} + 2m_{200}^{(11)}m_{110}^{(10)}m_{014}^{(20)} - 2m_{200}^{(11)}m_{110}^{(10)}m_{005}^{(10)} + 2m_{200}^{(11)}m_{110}^{(20)}m_{113}^{(21)}\\
&-2m_{200}^{(11)}m_{110}^{(20)}m_{104}^{(11)} - 2m_{200}^{(11)}m_{110}^{(20)}m_{023}^{(20)} + 2m_{200}^{(11)}m_{110}^{(20)}m_{014}^{(10)} + 2m_{200}^{(11)}m_{110}^{(21)}m_{212}^{(22)}\\
&-2m_{200}^{(11)}m_{110}^{(21)}m_{203}^{(21)} - 2m_{200}^{(11)}m_{110}^{(21)}m_{113}^{(20)} + 2m_{200}^{(11)}m_{110}^{(21)}m_{104}^{(10)} - m_{200}^{(11)}m_{110}^{(22)}m_{221}^{(22)}\\
&+m_{200}^{(11)}m_{110}^{(22)}m_{203}^{(11)} + 2m_{200}^{(11)}m_{110}^{(22)}m_{122}^{(20)} - 2m_{200}^{(11)}m_{110}^{(22)}m_{113}^{(10)} - m_{200}^{(11)}m_{101}^{(00)}m_{032}^{(22)}\\
&+2m_{200}^{(11)}m_{101}^{(00)}m_{023}^{(21)} - m_{200}^{(11)}m_{101}^{(00)}m_{014}^{(11)} + 2m_{200}^{(11)}m_{101}^{(10)}m_{122}^{(22)} - 2m_{200}^{(11)}m_{101}^{(10)}m_{113}^{(21)}\\
&-2m_{200}^{(11)}m_{101}^{(10)}m_{023}^{(20)} + 2m_{200}^{(11)}m_{101}^{(10)}m_{014}^{(10)} - 2m_{200}^{(11)}m_{101}^{(20)}m_{122}^{(21)} + 2m_{200}^{(11)}m_{101}^{(20)}m_{113}^{(11)}\\
&+2m_{200}^{(11)}m_{101}^{(20)}m_{032}^{(20)} - 2m_{200}^{(11)}m_{101}^{(20)}m_{023}^{(10)} - 2m_{200}^{(11)}m_{101}^{(21)}m_{221}^{(22)} + 2m_{200}^{(11)}m_{101}^{(21)}m_{212}^{(21)}\\
&+2m_{200}^{(11)}m_{101}^{(21)}m_{122}^{(20)} - 2m_{200}^{(11)}m_{101}^{(21)}m_{113}^{(10)} + m_{200}^{(11)}m_{101}^{(22)}m_{230}^{(22)} - m_{200}^{(11)}m_{101}^{(22)}m_{212}^{(11)}
\end{aligned}
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\begin{aligned}
&-2m_{200}^{(11)}m_{101}^{(22)}m_{131}^{(20)}+2m_{200}^{(11)}m_{101}^{(22)}m_{122}^{(10)}+m_{200}^{(11)}m_{020}^{(10)}m_{203}^{(22)}-2m_{200}^{(11)}m_{020}^{(10)}m_{104}^{(20)}\\
&+m_{200}^{(11)}m_{020}^{(10)}m_{005}^{(00)}-m_{200}^{(11)}m_{020}^{(20)}m_{212}^{(22)}+2m_{200}^{(11)}m_{020}^{(20)}m_{113}^{(20)}-m_{200}^{(11)}m_{020}^{(20)}m_{014}^{(00)}\\
&-m_{200}^{(11)}m_{020}^{(21)}m_{302}^{(22)}+2m_{200}^{(11)}m_{020}^{(21)}m_{203}^{(20)}-m_{200}^{(11)}m_{020}^{(21)}m_{104}^{(00)}+m_{200}^{(11)}m_{020}^{(22)}m_{311}^{(22)}\\
&-2m_{200}^{(11)}m_{020}^{(22)}m_{212}^{(20)}+m_{200}^{(11)}m_{020}^{(22)}m_{113}^{(00)}-m_{200}^{(11)}m_{011}^{(00)}m_{122}^{(22)}+2m_{200}^{(11)}m_{011}^{(00)}m_{113}^{(21)}\\
&-m_{200}^{(11)}m_{011}^{(00)}m_{104}^{(11)}-2m_{200}^{(11)}m_{011}^{(10)}m_{203}^{(21)}+2m_{200}^{(11)}m_{011}^{(10)}m_{113}^{(20)}+2m_{200}^{(11)}m_{011}^{(10)}m_{104}^{(10)}\\
&-2m_{200}^{(11)}m_{011}^{(10)}m_{014}^{(00)}+2m_{200}^{(11)}m_{011}^{(20)}m_{221}^{(22)}-2m_{200}^{(11)}m_{011}^{(20)}m_{212}^{(21)}+2m_{200}^{(11)}m_{011}^{(20)}m_{203}^{(11)}\\
&-2m_{200}^{(11)}m_{011}^{(20)}m_{122}^{(20)}-2m_{200}^{(11)}m_{011}^{(20)}m_{113}^{(10)}+2m_{200}^{(11)}m_{011}^{(20)}m_{023}^{(00)}+2m_{200}^{(11)}m_{011}^{(21)}m_{302}^{(21)}\\
&-2m_{200}^{(11)}m_{011}^{(21)}m_{212}^{(20)}-2m_{200}^{(11)}m_{011}^{(21)}m_{203}^{(10)}+2m_{200}^{(11)}m_{011}^{(21)}m_{113}^{(00)}-m_{200}^{(11)}m_{011}^{(22)}m_{320}^{(22)}\\
&-m_{200}^{(11)}m_{011}^{(22)}m_{302}^{(11)}+2m_{200}^{(11)}m_{011}^{(22)}m_{221}^{(20)}+2m_{200}^{(11)}m_{011}^{(22)}m_{212}^{(10)}-2m_{200}^{(11)}m_{011}^{(22)}m_{122}^{(00)}\\
&+m_{200}^{(11)}m_{002}^{(00)}m_{131}^{(22)}-2m_{200}^{(11)}m_{002}^{(00)}m_{122}^{(21)}+m_{200}^{(11)}m_{002}^{(00)}m_{113}^{(11)}-m_{200}^{(11)}m_{002}^{(10)}m_{221}^{(22)}\\
&+2m_{200}^{(11)}m_{002}^{(10)}m_{212}^{(21)}-2m_{200}^{(11)}m_{002}^{(10)}m_{113}^{(10)}+m_{200}^{(11)}m_{002}^{(10)}m_{023}^{(00)}-m_{200}^{(11)}m_{002}^{(20)}m_{230}^{(22)}\\
&+2m_{200}^{(11)}m_{002}^{(20)}m_{221}^{(21)}-2m_{200}^{(11)}m_{002}^{(20)}m_{212}^{(11)}+2m_{200}^{(11)}m_{002}^{(20)}m_{122}^{(10)}-m_{200}^{(11)}m_{002}^{(20)}m_{032}^{(00)}\\
&+m_{200}^{(11)}m_{002}^{(21)}m_{320}^{(22)}-2m_{200}^{(11)}m_{002}^{(21)}m_{311}^{(21)}+2m_{200}^{(11)}m_{002}^{(21)}m_{212}^{(10)}-m_{200}^{(11)}m_{002}^{(21)}m_{122}^{(00)}\\
&+m_{200}^{(11)}m_{002}^{(22)}m_{311}^{(11)}-2m_{200}^{(11)}m_{002}^{(22)}m_{221}^{(10)}+m_{200}^{(11)}m_{002}^{(22)}m_{131}^{(00)}-2m_{200}^{(20)}m_{110}^{(11)}m_{113}^{(21)}\\
&+2m_{200}^{(20)}m_{110}^{(11)}m_{104}^{(11)}+2m_{200}^{(20)}m_{110}^{(11)}m_{023}^{(20)}-2m_{200}^{(20)}m_{110}^{(11)}m_{014}^{(10)}+4m_{200}^{(20)}m_{110}^{(21)}m_{122}^{(21)}\\
&-4m_{200}^{(20)}m_{110}^{(21)}m_{113}^{(11)}-4m_{200}^{(20)}m_{110}^{(21)}m_{032}^{(20)}+4m_{200}^{(20)}m_{110}^{(21)}m_{023}^{(10)}-2m_{200}^{(20)}m_{110}^{(22)}m_{131}^{(21)}\\
&+2m_{200}^{(20)}m_{110}^{(22)}m_{122}^{(11)}+2m_{200}^{(20)}m_{110}^{(22)}m_{041}^{(20)}-2m_{200}^{(20)}m_{110}^{(22)}m_{032}^{(10)}+2m_{200}^{(20)}m_{101}^{(11)}m_{122}^{(21)}\\
&-2m_{200}^{(20)}m_{101}^{(11)}m_{113}^{(11)}-2m_{200}^{(20)}m_{101}^{(11)}m_{032}^{(20)}+2m_{200}^{(20)}m_{101}^{(11)}m_{023}^{(10)}-4m_{200}^{(20)}m_{101}^{(21)}m_{131}^{(21)}\\
&+4m_{200}^{(20)}m_{101}^{(21)}m_{122}^{(11)}+4m_{200}^{(20)}m_{101}^{(21)}m_{041}^{(20)}-4m_{200}^{(20)}m_{101}^{(21)}m_{032}^{(10)}+2m_{200}^{(20)}m_{101}^{(22)}m_{140}^{(21)}\\
&-2m_{200}^{(20)}m_{101}^{(22)}m_{131}^{(11)}-2m_{200}^{(20)}m_{101}^{(22)}m_{050}^{(20)}+2m_{200}^{(20)}m_{101}^{(22)}m_{041}^{(10)}+m_{200}^{(20)}m_{020}^{(00)}m_{032}^{(22)}\\
&-2m_{200}^{(20)}m_{020}^{(00)}m_{023}^{(21)}+m_{200}^{(20)}m_{020}^{(00)}m_{014}^{(11)}-2m_{200}^{(20)}m_{020}^{(10)}m_{122}^{(22)}+4m_{200}^{(20)}m_{020}^{(10)}m_{113}^{(21)}\\
&-2m_{200}^{(20)}m_{020}^{(10)}m_{104}^{(11)}+m_{200}^{(20)}m_{020}^{(11)}m_{212}^{(22)}-2m_{200}^{(20)}m_{020}^{(11)}m_{113}^{(20)}+m_{200}^{(20)}m_{020}^{(11)}m_{014}^{(00)}\\
&-4m_{200}^{(20)}m_{020}^{(21)}m_{212}^{(21)}+2m_{200}^{(20)}m_{020}^{(21)}m_{203}^{(11)}+4m_{200}^{(20)}m_{020}^{(21)}m_{122}^{(20)}-2m_{200}^{(20)}m_{020}^{(21)}m_{023}^{(00)}\\
&+2m_{200}^{(20)}m_{020}^{(22)}m_{221}^{(21)}-m_{200}^{(20)}m_{020}^{(22)}m_{212}^{(11)}-2m_{200}^{(20)}m_{020}^{(22)}m_{131}^{(20)}+m_{200}^{(20)}m_{020}^{(22)}m_{032}^{(00)}\\
&-2m_{200}^{(20)}m_{011}^{(00)}m_{041}^{(22)}+4m_{200}^{(20)}m_{011}^{(00)}m_{032}^{(21)}-2m_{200}^{(20)}m_{011}^{(00)}m_{023}^{(11)}+4m_{200}^{(20)}m_{011}^{(10)}m_{131}^{(22)}\\
&-8m_{200}^{(20)}m_{011}^{(10)}m_{122}^{(21)}+4m_{200}^{(20)}m_{011}^{(10)}m_{113}^{(11)}-2m_{200}^{(20)}m_{011}^{(11)}m_{221}^{(22)}+2m_{200}^{(20)}m_{011}^{(11)}m_{212}^{(21)}\\
&-2m_{200}^{(20)}m_{011}^{(11)}m_{203}^{(11)}+2m_{200}^{(20)}m_{011}^{(11)}m_{122}^{(20)}+2m_{200}^{(20)}m_{011}^{(11)}m_{113}^{(10)}-2m_{200}^{(20)}m_{011}^{(11)}m_{023}^{(00)}\\
&+4m_{200}^{(20)}m_{011}^{(21)}m_{221}^{(21)}-4m_{200}^{(20)}m_{011}^{(21)}m_{131}^{(20)}-4m_{200}^{(20)}m_{011}^{(21)}m_{122}^{(10)}+4m_{200}^{(20)}m_{011}^{(21)}m_{032}^{(00)}\\
&-2m_{200}^{(20)}m_{011}^{(22)}m_{230}^{(21)}+2m_{200}^{(20)}m_{011}^{(22)}m_{140}^{(20)}+2m_{200}^{(20)}m_{011}^{(22)}m_{131}^{(10)}-2m_{200}^{(20)}m_{011}^{(22)}m_{041}^{(00)}\\
&+m_{200}^{(20)}m_{002}^{(00)}m_{050}^{(22)}-2m_{200}^{(20)}m_{002}^{(00)}m_{041}^{(21)}+m_{200}^{(20)}m_{002}^{(00)}m_{032}^{(11)}-2m_{200}^{(20)}m_{002}^{(10)}m_{140}^{(22)}\\
&+4m_{200}^{(20)}m_{002}^{(10)}m_{131}^{(21)}-2m_{200}^{(20)}m_{002}^{(10)}m_{122}^{(11)}+m_{200}^{(20)}m_{002}^{(11)}m_{230}^{(22)}-2m_{200}^{(20)}m_{002}^{(11)}m_{221}^{(21)}\\
&+2m_{200}^{(20)}m_{002}^{(11)}m_{212}^{(11)}-2m_{200}^{(20)}m_{002}^{(11)}m_{122}^{(10)}+m_{200}^{(20)}m_{002}^{(11)}m_{032}^{(00)}-2m_{200}^{(20)}m_{002}^{(21)}m_{221}^{(11)}\\
&+4m_{200}^{(20)}m_{002}^{(21)}m_{131}^{(10)}-2m_{200}^{(20)}m_{002}^{(21)}m_{041}^{(00)}+m_{200}^{(20)}m_{002}^{(22)}m_{230}^{(11)}-2m_{200}^{(20)}m_{002}^{(22)}m_{140}^{(10)}\\
&+m_{200}^{(20)}m_{002}^{(22)}m_{050}^{(00)}-2m_{200}^{(21)}m_{110}^{(00)}m_{032}^{(22)}+4m_{200}^{(21)}m_{110}^{(00)}m_{023}^{(21)}-2m_{200}^{(21)}m_{110}^{(00)}m_{014}^{(11)}\\
&+4m_{200}^{(21)}m_{110}^{(10)}m_{122}^{(22)}-4m_{200}^{(21)}m_{110}^{(10)}m_{113}^{(21)}-4m_{200}^{(21)}m_{110}^{(10)}m_{023}^{(20)}+4m_{200}^{(21)}m_{110}^{(10)}m_{014}^{(10)}\\
&-2m_{200}^{(21)}m_{110}^{(11)}m_{212}^{(22)}+2m_{200}^{(21)}m_{110}^{(11)}m_{203}^{(21)}+2m_{200}^{(21)}m_{110}^{(11)}m_{113}^{(20)}-2m_{200}^{(21)}m_{110}^{(11)}m_{104}^{(10)}\\
&-4m_{200}^{(21)}m_{110}^{(20)}m_{122}^{(21)}+4m_{200}^{(21)}m_{110}^{(20)}m_{113}^{(11)}+4m_{200}^{(21)}m_{110}^{(20)}m_{032}^{(20)}-4m_{200}^{(21)}m_{110}^{(20)}m_{023}^{(10)}\\
&+2m_{200}^{(21)}m_{110}^{(22)}m_{221}^{(21)}-2m_{200}^{(21)}m_{110}^{(22)}m_{212}^{(11)}-2m_{200}^{(21)}m_{110}^{(22)}m_{131}^{(20)}+2m_{200}^{(21)}m_{110}^{(22)}m_{122}^{(10)}
\end{aligned}
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\begin{aligned}
&+2m_{200}^{(21)}m_{101}^{(00)}m_{041}^{(22)} - 4m_{200}^{(21)}m_{101}^{(00)}m_{032}^{(21)} + 2m_{200}^{(21)}m_{101}^{(00)}m_{023}^{(11)} - 4m_{200}^{(21)}m_{101}^{(10)}m_{131}^{(22)}\\
&+4m_{200}^{(21)}m_{101}^{(10)}m_{122}^{(21)} + 4m_{200}^{(21)}m_{101}^{(10)}m_{032}^{(20)} - 4m_{200}^{(21)}m_{101}^{(10)}m_{023}^{(10)} + 2m_{200}^{(21)}m_{101}^{(11)}m_{221}^{(22)}\\
&-2m_{200}^{(21)}m_{101}^{(11)}m_{212}^{(21)} - 2m_{200}^{(21)}m_{101}^{(11)}m_{122}^{(20)} + 2m_{200}^{(21)}m_{101}^{(11)}m_{113}^{(10)} + 4m_{200}^{(21)}m_{101}^{(20)}m_{131}^{(21)}\\
&-4m_{200}^{(21)}m_{101}^{(20)}m_{122}^{(11)} - 4m_{200}^{(21)}m_{101}^{(20)}m_{041}^{(20)} + 4m_{200}^{(21)}m_{101}^{(20)}m_{032}^{(10)} - 2m_{200}^{(21)}m_{101}^{(22)}m_{230}^{(21)}\\
&+2m_{200}^{(21)}m_{101}^{(22)}m_{221}^{(11)} + 2m_{200}^{(21)}m_{101}^{(22)}m_{140}^{(20)} - 2m_{200}^{(21)}m_{101}^{(22)}m_{131}^{(10)} + m_{200}^{(21)}m_{020}^{(00)}m_{122}^{(22)}\\
&-2m_{200}^{(21)}m_{020}^{(00)}m_{113}^{(21)} + m_{200}^{(21)}m_{020}^{(00)}m_{104}^{(11)} - 2m_{200}^{(21)}m_{020}^{(10)}m_{212}^{(22)} + 4m_{200}^{(21)}m_{020}^{(10)}m_{113}^{(20)}\\
&-2m_{200}^{(21)}m_{020}^{(10)}m_{014}^{(00)} + m_{200}^{(21)}m_{020}^{(11)}m_{302}^{(22)} - 2m_{200}^{(21)}m_{020}^{(11)}m_{203}^{(20)} + m_{200}^{(21)}m_{020}^{(11)}m_{104}^{(00)}\\
&+4m_{200}^{(21)}m_{020}^{(20)}m_{212}^{(21)} - 2m_{200}^{(21)}m_{020}^{(20)}m_{203}^{(11)} - 4m_{200}^{(21)}m_{020}^{(20)}m_{122}^{(20)} + 2m_{200}^{(21)}m_{020}^{(20)}m_{023}^{(00)}\\
&-2m_{200}^{(21)}m_{020}^{(22)}m_{311}^{(21)} + m_{200}^{(21)}m_{020}^{(22)}m_{302}^{(11)} + 2m_{200}^{(21)}m_{020}^{(22)}m_{221}^{(20)} - m_{200}^{(21)}m_{020}^{(22)}m_{122}^{(00)}\\
&+4m_{200}^{(21)}m_{011}^{(10)}m_{212}^{(21)} - 4m_{200}^{(21)}m_{011}^{(10)}m_{122}^{(20)} - 4m_{200}^{(21)}m_{011}^{(10)}m_{113}^{(10)} + 4m_{200}^{(21)}m_{011}^{(10)}m_{023}^{(00)}\\
&-2m_{200}^{(21)}m_{011}^{(11)}m_{302}^{(21)} + 2m_{200}^{(21)}m_{011}^{(11)}m_{212}^{(20)} + 2m_{200}^{(21)}m_{011}^{(11)}m_{203}^{(10)} - 2m_{200}^{(21)}m_{011}^{(11)}m_{113}^{(00)}\\
&-4m_{200}^{(21)}m_{011}^{(20)}m_{221}^{(21)} + 4m_{200}^{(21)}m_{011}^{(20)}m_{131}^{(20)} + 4m_{200}^{(21)}m_{011}^{(20)}m_{122}^{(10)} - 4m_{200}^{(21)}m_{011}^{(20)}m_{032}^{(00)}\\
&+2m_{200}^{(21)}m_{011}^{(22)}m_{320}^{(21)} - 2m_{200}^{(21)}m_{011}^{(22)}m_{230}^{(20)} - 2m_{200}^{(21)}m_{011}^{(22)}m_{221}^{(10)} + 2m_{200}^{(21)}m_{011}^{(22)}m_{131}^{(00)}\\
&-m_{200}^{(21)}m_{002}^{(00)}m_{140}^{(22)} + 2m_{200}^{(21)}m_{002}^{(00)}m_{131}^{(21)} - m_{200}^{(21)}m_{002}^{(00)}m_{122}^{(11)} + 2m_{200}^{(21)}m_{002}^{(10)}m_{230}^{(22)}\\
&-4m_{200}^{(21)}m_{002}^{(10)}m_{221}^{(21)} + 4m_{200}^{(21)}m_{002}^{(10)}m_{122}^{(10)} - 2m_{200}^{(21)}m_{002}^{(10)}m_{032}^{(00)} - m_{200}^{(21)}m_{002}^{(11)}m_{320}^{(22)}\\
&+2m_{200}^{(21)}m_{002}^{(11)}m_{311}^{(21)} - 2m_{200}^{(21)}m_{002}^{(11)}m_{212}^{(10)} + m_{200}^{(21)}m_{002}^{(11)}m_{122}^{(00)} + 2m_{200}^{(21)}m_{002}^{(20)}m_{221}^{(11)}\\
&-4m_{200}^{(21)}m_{002}^{(20)}m_{131}^{(10)} + 2m_{200}^{(21)}m_{002}^{(20)}m_{041}^{(00)} - m_{200}^{(21)}m_{002}^{(22)}m_{320}^{(11)} + 2m_{200}^{(21)}m_{002}^{(22)}m_{230}^{(10)}\\
&-m_{200}^{(21)}m_{002}^{(22)}m_{140}^{(00)} + m_{200}^{(22)}m_{110}^{(00)}m_{041}^{(22)} - 2m_{200}^{(22)}m_{110}^{(00)}m_{032}^{(21)} + m_{200}^{(22)}m_{110}^{(00)}m_{023}^{(11)}\\
&-2m_{200}^{(22)}m_{110}^{(10)}m_{131}^{(22)} + 2m_{200}^{(22)}m_{110}^{(10)}m_{122}^{(21)} + 2m_{200}^{(22)}m_{110}^{(10)}m_{032}^{(20)} - 2m_{200}^{(22)}m_{110}^{(10)}m_{023}^{(10)}\\
&+m_{200}^{(22)}m_{110}^{(11)}m_{221}^{(22)} - m_{200}^{(22)}m_{110}^{(11)}m_{203}^{(11)} - 2m_{200}^{(22)}m_{110}^{(11)}m_{122}^{(20)} + 2m_{200}^{(22)}m_{110}^{(11)}m_{113}^{(10)}\\
&+2m_{200}^{(22)}m_{110}^{(20)}m_{131}^{(21)} - 2m_{200}^{(22)}m_{110}^{(20)}m_{122}^{(11)} - 2m_{200}^{(22)}m_{110}^{(20)}m_{041}^{(20)} + 2m_{200}^{(22)}m_{110}^{(20)}m_{032}^{(10)}\\
&-2m_{200}^{(22)}m_{110}^{(21)}m_{221}^{(21)} + 2m_{200}^{(22)}m_{110}^{(21)}m_{212}^{(11)} + 2m_{200}^{(22)}m_{110}^{(21)}m_{131}^{(20)} - 2m_{200}^{(22)}m_{110}^{(21)}m_{122}^{(10)}\\
&-m_{200}^{(22)}m_{101}^{(00)}m_{050}^{(22)} + 2m_{200}^{(22)}m_{101}^{(00)}m_{041}^{(21)} - m_{200}^{(22)}m_{101}^{(00)}m_{032}^{(11)} + 2m_{200}^{(22)}m_{101}^{(10)}m_{140}^{(22)}\\
&-2m_{200}^{(22)}m_{101}^{(10)}m_{131}^{(21)} - 2m_{200}^{(22)}m_{101}^{(10)}m_{041}^{(20)} + 2m_{200}^{(22)}m_{101}^{(10)}m_{032}^{(10)} - m_{200}^{(22)}m_{101}^{(11)}m_{230}^{(22)}\\
&+m_{200}^{(22)}m_{101}^{(11)}m_{212}^{(11)} + 2m_{200}^{(22)}m_{101}^{(11)}m_{131}^{(20)} - 2m_{200}^{(22)}m_{101}^{(11)}m_{122}^{(10)} - 2m_{200}^{(22)}m_{101}^{(20)}m_{140}^{(21)}\\
&+2m_{200}^{(22)}m_{101}^{(20)}m_{131}^{(11)} + 2m_{200}^{(22)}m_{101}^{(20)}m_{050}^{(20)} - 2m_{200}^{(22)}m_{101}^{(20)}m_{041}^{(10)} + 2m_{200}^{(22)}m_{101}^{(21)}m_{230}^{(21)}\\
&-2m_{200}^{(22)}m_{101}^{(21)}m_{221}^{(11)} - 2m_{200}^{(22)}m_{101}^{(21)}m_{140}^{(20)} + 2m_{200}^{(22)}m_{101}^{(21)}m_{131}^{(10)} - m_{200}^{(22)}m_{020}^{(00)}m_{131}^{(22)}\\
&+2m_{200}^{(22)}m_{020}^{(00)}m_{122}^{(21)} - m_{200}^{(22)}m_{020}^{(00)}m_{113}^{(11)} + 2m_{200}^{(22)}m_{020}^{(10)}m_{221}^{(22)} - 2m_{200}^{(22)}m_{020}^{(10)}m_{212}^{(21)}\\
&+m_{200}^{(22)}m_{020}^{(10)}m_{203}^{(11)} - 2m_{200}^{(22)}m_{020}^{(10)}m_{122}^{(20)} + m_{200}^{(22)}m_{020}^{(10)}m_{023}^{(00)} - m_{200}^{(22)}m_{020}^{(11)}m_{311}^{(22)}\\
&+2m_{200}^{(22)}m_{020}^{(11)}m_{212}^{(20)} - m_{200}^{(22)}m_{020}^{(11)}m_{113}^{(00)} - 2m_{200}^{(22)}m_{020}^{(20)}m_{221}^{(21)} + m_{200}^{(22)}m_{020}^{(20)}m_{212}^{(11)}\\
&+2m_{200}^{(22)}m_{020}^{(20)}m_{131}^{(20)} - m_{200}^{(22)}m_{020}^{(20)}m_{032}^{(00)} + 2m_{200}^{(22)}m_{020}^{(21)}m_{311}^{(21)} - m_{200}^{(22)}m_{020}^{(21)}m_{302}^{(11)}\\
&-2m_{200}^{(22)}m_{020}^{(21)}m_{221}^{(20)} + m_{200}^{(22)}m_{020}^{(21)}m_{122}^{(00)} + m_{200}^{(22)}m_{011}^{(00)}m_{140}^{(22)} - 2m_{200}^{(22)}m_{011}^{(00)}m_{131}^{(21)}\\
&+m_{200}^{(22)}m_{011}^{(00)}m_{122}^{(11)} - 2m_{200}^{(22)}m_{011}^{(10)}m_{230}^{(22)} + 2m_{200}^{(22)}m_{011}^{(10)}m_{221}^{(21)} - 2m_{200}^{(22)}m_{011}^{(10)}m_{212}^{(11)}\\
&+2m_{200}^{(22)}m_{011}^{(10)}m_{131}^{(20)} + 2m_{200}^{(22)}m_{011}^{(10)}m_{122}^{(10)} - 2m_{200}^{(22)}m_{011}^{(10)}m_{032}^{(00)} + m_{200}^{(22)}m_{011}^{(11)}m_{320}^{(22)}\\
&+m_{200}^{(22)}m_{011}^{(11)}m_{302}^{(11)} - 2m_{200}^{(22)}m_{011}^{(11)}m_{221}^{(20)} - 2m_{200}^{(22)}m_{011}^{(11)}m_{212}^{(10)} + 2m_{200}^{(22)}m_{011}^{(11)}m_{122}^{(00)}\\
&+2m_{200}^{(22)}m_{011}^{(20)}m_{230}^{(21)} - 2m_{200}^{(22)}m_{011}^{(20)}m_{140}^{(20)} - 2m_{200}^{(22)}m_{011}^{(20)}m_{131}^{(10)} + 2m_{200}^{(22)}m_{011}^{(20)}m_{041}^{(00)}\\
&-2m_{200}^{(22)}m_{011}^{(21)}m_{320}^{(21)} + 2m_{200}^{(22)}m_{011}^{(21)}m_{230}^{(20)} + 2m_{200}^{(22)}m_{011}^{(21)}m_{221}^{(10)} - 2m_{200}^{(22)}m_{011}^{(21)}m_{131}^{(00)}\\
&+m_{200}^{(22)}m_{002}^{(10)}m_{221}^{(11)} - 2m_{200}^{(22)}m_{002}^{(10)}m_{131}^{(10)} + m_{200}^{(22)}m_{002}^{(10)}m_{041}^{(00)} - m_{200}^{(22)}m_{002}^{(11)}m_{311}^{(11)}
\end{aligned}
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$$+2m_{200}^{(22)}m_{002}^{(11)}m_{221}^{(10)} - m_{200}^{(22)}m_{002}^{(11)}m_{131}^{(00)} - m_{200}^{(22)}m_{002}^{(20)}m_{230}^{(11)} + 2m_{200}^{(22)}m_{002}^{(20)}m_{140}^{(10)}$$
$$-m_{200}^{(22)}m_{002}^{(20)}m_{050}^{(00)} + m_{200}^{(22)}m_{002}^{(21)}m_{320}^{(11)} - 2m_{200}^{(22)}m_{002}^{(21)}m_{230}^{(10)} + m_{200}^{(22)}m_{002}^{(21)}m_{140}^{(00)}$$
$$-2m_{110}^{(00)}m_{101}^{(11)}m_{122}^{(22)} + 4m_{110}^{(00)}m_{101}^{(11)}m_{113}^{(21)} - 2m_{110}^{(00)}m_{101}^{(11)}m_{104}^{(11)} + 4m_{110}^{(00)}m_{101}^{(21)}m_{131}^{(22)}$$
$$-8m_{110}^{(00)}m_{101}^{(21)}m_{122}^{(21)} + 4m_{110}^{(00)}m_{101}^{(21)}m_{113}^{(11)} - 2m_{110}^{(00)}m_{101}^{(22)}m_{140}^{(22)} + 4m_{110}^{(00)}m_{101}^{(22)}m_{131}^{(21)}$$
$$-2m_{110}^{(00)}m_{101}^{(22)}m_{122}^{(11)} - 2m_{110}^{(00)}m_{020}^{(10)}m_{113}^{(22)} + 2m_{110}^{(00)}m_{020}^{(10)}m_{104}^{(21)} + 2m_{110}^{(00)}m_{020}^{(10)}m_{014}^{(20)}$$
$$-2m_{110}^{(00)}m_{020}^{(10)}m_{005}^{(10)} + m_{110}^{(00)}m_{020}^{(11)}m_{203}^{(22)} - 2m_{110}^{(00)}m_{020}^{(11)}m_{104}^{(20)} + m_{110}^{(00)}m_{020}^{(11)}m_{005}^{(00)}$$
$$+2m_{110}^{(00)}m_{020}^{(20)}m_{122}^{(22)} - 2m_{110}^{(00)}m_{020}^{(20)}m_{113}^{(21)} - 2m_{110}^{(00)}m_{020}^{(20)}m_{023}^{(20)} + 2m_{110}^{(00)}m_{020}^{(20)}m_{014}^{(10)}$$
$$-2m_{110}^{(00)}m_{020}^{(21)}m_{203}^{(21)} + 2m_{110}^{(00)}m_{020}^{(21)}m_{113}^{(20)} + 2m_{110}^{(00)}m_{020}^{(21)}m_{104}^{(10)} - 2m_{110}^{(00)}m_{020}^{(21)}m_{014}^{(00)}$$
$$-m_{110}^{(00)}m_{020}^{(22)}m_{221}^{(22)} + 2m_{110}^{(00)}m_{020}^{(22)}m_{212}^{(21)} - 2m_{110}^{(00)}m_{020}^{(22)}m_{113}^{(10)} + m_{110}^{(00)}m_{020}^{(22)}m_{023}^{(00)}$$
$$+4m_{110}^{(00)}m_{011}^{(10)}m_{122}^{(22)} - 4m_{110}^{(00)}m_{011}^{(10)}m_{113}^{(21)} - 4m_{110}^{(00)}m_{011}^{(10)}m_{023}^{(20)} + 4m_{110}^{(00)}m_{011}^{(10)}m_{014}^{(10)}$$
$$-2m_{110}^{(00)}m_{011}^{(11)}m_{212}^{(22)} + 4m_{110}^{(00)}m_{011}^{(11)}m_{113}^{(20)} - 2m_{110}^{(00)}m_{011}^{(11)}m_{014}^{(00)} - 4m_{110}^{(00)}m_{011}^{(20)}m_{131}^{(22)}$$
$$+4m_{110}^{(00)}m_{011}^{(20)}m_{122}^{(21)} + 4m_{110}^{(00)}m_{011}^{(20)}m_{032}^{(20)} - 4m_{110}^{(00)}m_{011}^{(20)}m_{023}^{(10)} + 4m_{110}^{(00)}m_{011}^{(21)}m_{212}^{(21)}$$
$$-4m_{110}^{(00)}m_{011}^{(21)}m_{122}^{(20)} - 4m_{110}^{(00)}m_{011}^{(21)}m_{113}^{(10)} + 4m_{110}^{(00)}m_{011}^{(21)}m_{023}^{(00)} + 2m_{110}^{(00)}m_{011}^{(22)}m_{230}^{(22)}$$
$$-4m_{110}^{(00)}m_{011}^{(22)}m_{221}^{(21)} + 4m_{110}^{(00)}m_{011}^{(22)}m_{122}^{(10)} - 2m_{110}^{(00)}m_{011}^{(22)}m_{032}^{(00)} - 2m_{110}^{(00)}m_{002}^{(10)}m_{131}^{(22)}$$
$$+2m_{110}^{(00)}m_{002}^{(10)}m_{122}^{(21)} + 2m_{110}^{(00)}m_{002}^{(10)}m_{032}^{(20)} - 2m_{110}^{(00)}m_{002}^{(10)}m_{023}^{(10)} + 2m_{110}^{(00)}m_{002}^{(11)}m_{221}^{(22)}$$
$$-2m_{110}^{(00)}m_{002}^{(11)}m_{212}^{(21)} + m_{110}^{(00)}m_{002}^{(11)}m_{203}^{(11)} - 2m_{110}^{(00)}m_{002}^{(11)}m_{122}^{(20)} + m_{110}^{(00)}m_{002}^{(11)}m_{023}^{(00)}$$
$$+2m_{110}^{(00)}m_{002}^{(20)}m_{140}^{(22)} - 2m_{110}^{(00)}m_{002}^{(20)}m_{131}^{(21)} - 2m_{110}^{(00)}m_{002}^{(20)}m_{041}^{(20)} + 2m_{110}^{(00)}m_{002}^{(20)}m_{032}^{(10)}$$
$$-2m_{110}^{(00)}m_{002}^{(21)}m_{230}^{(22)} + 2m_{110}^{(00)}m_{002}^{(21)}m_{221}^{(21)} - 2m_{110}^{(00)}m_{002}^{(21)}m_{212}^{(11)} + 2m_{110}^{(00)}m_{002}^{(21)}m_{131}^{(20)}$$
$$+2m_{110}^{(00)}m_{002}^{(21)}m_{122}^{(10)} - 2m_{110}^{(00)}m_{002}^{(21)}m_{032}^{(00)} + m_{110}^{(00)}m_{002}^{(22)}m_{221}^{(11)} - 2m_{110}^{(00)}m_{002}^{(22)}m_{131}^{(10)}$$
$$+m_{110}^{(00)}m_{002}^{(22)}m_{041}^{(00)} + 4m_{110}^{(10)}m_{101}^{(11)}m_{212}^{(22)} - 4m_{110}^{(10)}m_{101}^{(11)}m_{203}^{(21)} - 4m_{110}^{(10)}m_{101}^{(11)}m_{113}^{(20)}$$
$$+4m_{110}^{(10)}m_{101}^{(11)}m_{104}^{(10)} - 8m_{110}^{(10)}m_{101}^{(21)}m_{221}^{(22)} + 8m_{110}^{(10)}m_{101}^{(21)}m_{212}^{(21)} + 8m_{110}^{(10)}m_{101}^{(21)}m_{122}^{(20)}$$
$$-8m_{110}^{(10)}m_{101}^{(21)}m_{113}^{(10)} + 4m_{110}^{(10)}m_{101}^{(22)}m_{230}^{(22)} - 4m_{110}^{(10)}m_{101}^{(22)}m_{221}^{(21)} - 4m_{110}^{(10)}m_{101}^{(22)}m_{131}^{(20)}$$
$$+4m_{110}^{(10)}m_{101}^{(22)}m_{122}^{(10)} + 2m_{110}^{(10)}m_{020}^{(00)}m_{113}^{(22)} - 2m_{110}^{(10)}m_{020}^{(00)}m_{104}^{(21)} - 2m_{110}^{(10)}m_{020}^{(00)}m_{014}^{(20)}$$
$$+2m_{110}^{(10)}m_{020}^{(00)}m_{005}^{(10)} - 4m_{110}^{(10)}m_{020}^{(20)}m_{212}^{(22)} + 4m_{110}^{(10)}m_{020}^{(20)}m_{203}^{(21)} + 4m_{110}^{(10)}m_{020}^{(20)}m_{113}^{(20)}$$
$$-4m_{110}^{(10)}m_{020}^{(20)}m_{104}^{(10)} + 2m_{110}^{(10)}m_{020}^{(22)}m_{311}^{(22)} - 2m_{110}^{(10)}m_{020}^{(22)}m_{302}^{(21)} - 2m_{110}^{(10)}m_{020}^{(22)}m_{212}^{(20)}$$
$$+2m_{110}^{(10)}m_{020}^{(22)}m_{203}^{(10)} - 4m_{110}^{(10)}m_{011}^{(00)}m_{122}^{(22)} + 4m_{110}^{(10)}m_{011}^{(00)}m_{113}^{(21)} + 4m_{110}^{(10)}m_{011}^{(00)}m_{023}^{(20)}$$
$$-4m_{110}^{(10)}m_{011}^{(00)}m_{014}^{(10)} + 8m_{110}^{(10)}m_{011}^{(20)}m_{221}^{(22)} - 8m_{110}^{(10)}m_{011}^{(20)}m_{212}^{(21)} - 8m_{110}^{(10)}m_{011}^{(20)}m_{122}^{(20)}$$
$$+8m_{110}^{(10)}m_{011}^{(20)}m_{113}^{(10)} - 4m_{110}^{(10)}m_{011}^{(22)}m_{320}^{(22)} + 4m_{110}^{(10)}m_{011}^{(22)}m_{311}^{(21)} + 4m_{110}^{(10)}m_{011}^{(22)}m_{221}^{(20)}$$
$$-4m_{110}^{(10)}m_{011}^{(22)}m_{212}^{(10)} + 2m_{110}^{(10)}m_{002}^{(00)}m_{131}^{(22)} - 2m_{110}^{(10)}m_{002}^{(00)}m_{122}^{(21)} - 2m_{110}^{(10)}m_{002}^{(00)}m_{032}^{(20)}$$
$$+2m_{110}^{(10)}m_{002}^{(00)}m_{023}^{(10)} - 2m_{110}^{(10)}m_{002}^{(11)}m_{311}^{(22)} + 2m_{110}^{(10)}m_{002}^{(11)}m_{302}^{(21)} + 2m_{110}^{(10)}m_{002}^{(11)}m_{212}^{(20)}$$
$$-2m_{110}^{(10)}m_{002}^{(11)}m_{203}^{(10)} - 4m_{110}^{(10)}m_{002}^{(20)}m_{230}^{(22)} + 4m_{110}^{(10)}m_{002}^{(20)}m_{221}^{(21)} + 4m_{110}^{(10)}m_{002}^{(20)}m_{131}^{(20)}$$
$$-4m_{110}^{(10)}m_{002}^{(20)}m_{122}^{(10)} + 4m_{110}^{(10)}m_{002}^{(21)}m_{320}^{(22)} - 4m_{110}^{(10)}m_{002}^{(21)}m_{311}^{(21)} - 4m_{110}^{(10)}m_{002}^{(21)}m_{221}^{(20)}$$
$$+4m_{110}^{(10)}m_{002}^{(21)}m_{212}^{(10)} + 2m_{110}^{(11)}m_{101}^{(00)}m_{122}^{(22)} - 4m_{110}^{(11)}m_{101}^{(00)}m_{113}^{(21)} + 2m_{110}^{(11)}m_{101}^{(00)}m_{104}^{(11)}$$
$$-4m_{110}^{(11)}m_{101}^{(10)}m_{212}^{(22)} + 4m_{110}^{(11)}m_{101}^{(10)}m_{203}^{(21)} + 4m_{110}^{(11)}m_{101}^{(10)}m_{113}^{(20)} - 4m_{110}^{(11)}m_{101}^{(10)}m_{104}^{(10)}$$
$$+4m_{110}^{(11)}m_{101}^{(20)}m_{212}^{(21)} - 4m_{110}^{(11)}m_{101}^{(20)}m_{203}^{(11)} - 4m_{110}^{(11)}m_{101}^{(20)}m_{122}^{(20)} + 4m_{110}^{(11)}m_{101}^{(20)}m_{113}^{(10)}$$
$$+4m_{110}^{(11)}m_{101}^{(21)}m_{311}^{(22)} - 4m_{110}^{(11)}m_{101}^{(21)}m_{302}^{(21)} - 4m_{110}^{(11)}m_{101}^{(21)}m_{212}^{(20)} + 4m_{110}^{(11)}m_{101}^{(21)}m_{203}^{(10)}$$
$$-2m_{110}^{(11)}m_{101}^{(22)}m_{320}^{(22)} + 2m_{110}^{(11)}m_{101}^{(22)}m_{302}^{(11)} + 4m_{110}^{(11)}m_{101}^{(22)}m_{221}^{(20)} - 4m_{110}^{(11)}m_{101}^{(22)}m_{212}^{(10)}$$
$$-m_{110}^{(11)}m_{020}^{(00)}m_{203}^{(22)} + 2m_{110}^{(11)}m_{020}^{(00)}m_{104}^{(20)} - m_{110}^{(11)}m_{020}^{(00)}m_{005}^{(00)} + 2m_{110}^{(11)}m_{020}^{(20)}m_{302}^{(22)}$$

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\begin{aligned}
&-4m_{110}^{(11)}m_{020}^{(20)}m_{203}^{(20)}+2m_{110}^{(11)}m_{020}^{(20)}m_{104}^{(00)}-m_{110}^{(11)}m_{020}^{(22)}m_{401}^{(22)}+2m_{110}^{(11)}m_{020}^{(22)}m_{302}^{(20)}\\
&-m_{110}^{(11)}m_{020}^{(22)}m_{203}^{(00)}+2m_{110}^{(11)}m_{011}^{(00)}m_{212}^{(22)}-4m_{110}^{(11)}m_{011}^{(00)}m_{113}^{(20)}+2m_{110}^{(11)}m_{011}^{(00)}m_{014}^{(00)}\\
&-4m_{110}^{(11)}m_{011}^{(20)}m_{311}^{(22)}+8m_{110}^{(11)}m_{011}^{(20)}m_{212}^{(20)}-4m_{110}^{(11)}m_{011}^{(20)}m_{113}^{(00)}+2m_{110}^{(11)}m_{011}^{(22)}m_{410}^{(22)}\\
&-4m_{110}^{(11)}m_{011}^{(22)}m_{311}^{(20)}+2m_{110}^{(11)}m_{011}^{(22)}m_{212}^{(00)}-2m_{110}^{(11)}m_{002}^{(00)}m_{221}^{(22)}+2m_{110}^{(11)}m_{002}^{(00)}m_{212}^{(21)}\\
&-m_{110}^{(11)}m_{002}^{(00)}m_{203}^{(11)}+2m_{110}^{(11)}m_{002}^{(00)}m_{122}^{(20)}-m_{110}^{(11)}m_{002}^{(00)}m_{023}^{(00)}+2m_{110}^{(11)}m_{002}^{(10)}m_{311}^{(22)}\\
&-2m_{110}^{(11)}m_{002}^{(10)}m_{302}^{(21)}-2m_{110}^{(11)}m_{002}^{(10)}m_{212}^{(20)}+2m_{110}^{(11)}m_{002}^{(10)}m_{203}^{(10)}+2m_{110}^{(11)}m_{002}^{(20)}m_{320}^{(22)}\\
&-2m_{110}^{(11)}m_{002}^{(20)}m_{311}^{(21)}+2m_{110}^{(11)}m_{002}^{(20)}m_{302}^{(11)}-2m_{110}^{(11)}m_{002}^{(20)}m_{221}^{(20)}-2m_{110}^{(11)}m_{002}^{(20)}m_{212}^{(10)}\\
&+2m_{110}^{(11)}m_{002}^{(20)}m_{122}^{(00)}-2m_{110}^{(11)}m_{002}^{(21)}m_{410}^{(22)}+2m_{110}^{(11)}m_{002}^{(21)}m_{401}^{(21)}+2m_{110}^{(11)}m_{002}^{(21)}m_{311}^{(20)}\\
&-2m_{110}^{(11)}m_{002}^{(21)}m_{302}^{(10)}-m_{110}^{(11)}m_{002}^{(22)}m_{401}^{(11)}+2m_{110}^{(11)}m_{002}^{(22)}m_{311}^{(10)}-m_{110}^{(11)}m_{002}^{(22)}m_{221}^{(00)}\\
&-4m_{110}^{(20)}m_{101}^{(11)}m_{212}^{(21)}+4m_{110}^{(20)}m_{101}^{(11)}m_{203}^{(11)}+4m_{110}^{(20)}m_{101}^{(11)}m_{122}^{(20)}-4m_{110}^{(20)}m_{101}^{(11)}m_{113}^{(10)}\\
&+8m_{110}^{(20)}m_{101}^{(21)}m_{221}^{(21)}-8m_{110}^{(20)}m_{101}^{(21)}m_{212}^{(11)}-8m_{110}^{(20)}m_{101}^{(21)}m_{131}^{(20)}+8m_{110}^{(20)}m_{101}^{(21)}m_{122}^{(10)}\\
&-4m_{110}^{(20)}m_{101}^{(22)}m_{230}^{(21)}+4m_{110}^{(20)}m_{101}^{(22)}m_{221}^{(11)}+4m_{110}^{(20)}m_{101}^{(22)}m_{140}^{(20)}-4m_{110}^{(20)}m_{101}^{(22)}m_{131}^{(10)}\\
&-2m_{110}^{(20)}m_{020}^{(00)}m_{122}^{(22)}+2m_{110}^{(20)}m_{020}^{(00)}m_{113}^{(21)}+2m_{110}^{(20)}m_{020}^{(00)}m_{023}^{(20)}-2m_{110}^{(20)}m_{020}^{(00)}m_{014}^{(10)}\\
&+4m_{110}^{(20)}m_{020}^{(10)}m_{212}^{(22)}-4m_{110}^{(20)}m_{020}^{(10)}m_{203}^{(21)}-4m_{110}^{(20)}m_{020}^{(10)}m_{113}^{(20)}+4m_{110}^{(20)}m_{020}^{(10)}m_{104}^{(10)}\\
&-2m_{110}^{(20)}m_{020}^{(11)}m_{302}^{(22)}+4m_{110}^{(20)}m_{020}^{(11)}m_{203}^{(20)}-2m_{110}^{(20)}m_{020}^{(11)}m_{104}^{(00)}+4m_{110}^{(20)}m_{020}^{(21)}m_{302}^{(21)}\\
&-4m_{110}^{(20)}m_{020}^{(21)}m_{212}^{(20)}-4m_{110}^{(20)}m_{020}^{(21)}m_{203}^{(10)}+4m_{110}^{(20)}m_{020}^{(21)}m_{113}^{(00)}-2m_{110}^{(20)}m_{020}^{(22)}m_{311}^{(21)}\\
&+2m_{110}^{(20)}m_{020}^{(22)}m_{221}^{(20)}+2m_{110}^{(20)}m_{020}^{(22)}m_{212}^{(10)}-2m_{110}^{(20)}m_{020}^{(22)}m_{122}^{(00)}+4m_{110}^{(20)}m_{011}^{(00)}m_{131}^{(22)}\\
&-4m_{110}^{(20)}m_{011}^{(00)}m_{122}^{(21)}-4m_{110}^{(20)}m_{011}^{(00)}m_{032}^{(20)}+4m_{110}^{(20)}m_{011}^{(00)}m_{023}^{(10)}-8m_{110}^{(20)}m_{011}^{(10)}m_{221}^{(22)}\\
&+8m_{110}^{(20)}m_{011}^{(10)}m_{212}^{(21)}+8m_{110}^{(20)}m_{011}^{(10)}m_{122}^{(20)}-8m_{110}^{(20)}m_{011}^{(10)}m_{113}^{(10)}+4m_{110}^{(20)}m_{011}^{(11)}m_{311}^{(22)}\\
&-8m_{110}^{(20)}m_{011}^{(11)}m_{212}^{(20)}+4m_{110}^{(20)}m_{011}^{(11)}m_{113}^{(00)}-8m_{110}^{(20)}m_{011}^{(21)}m_{311}^{(21)}+8m_{110}^{(20)}m_{011}^{(21)}m_{221}^{(20)}\\
&+8m_{110}^{(20)}m_{011}^{(21)}m_{212}^{(10)}-8m_{110}^{(20)}m_{011}^{(21)}m_{122}^{(00)}+4m_{110}^{(20)}m_{011}^{(22)}m_{320}^{(21)}-4m_{110}^{(20)}m_{011}^{(22)}m_{230}^{(20)}\\
&-4m_{110}^{(20)}m_{011}^{(22)}m_{221}^{(10)}+4m_{110}^{(20)}m_{011}^{(22)}m_{131}^{(00)}-2m_{110}^{(20)}m_{002}^{(00)}m_{140}^{(22)}+2m_{110}^{(20)}m_{002}^{(00)}m_{131}^{(21)}\\
&+2m_{110}^{(20)}m_{002}^{(00)}m_{041}^{(20)}-2m_{110}^{(20)}m_{002}^{(00)}m_{032}^{(10)}+4m_{110}^{(20)}m_{002}^{(10)}m_{230}^{(22)}-4m_{110}^{(20)}m_{002}^{(10)}m_{221}^{(21)}\\
&-4m_{110}^{(20)}m_{002}^{(10)}m_{131}^{(20)}+4m_{110}^{(20)}m_{002}^{(10)}m_{122}^{(10)}-2m_{110}^{(20)}m_{002}^{(11)}m_{320}^{(22)}+2m_{110}^{(20)}m_{002}^{(11)}m_{311}^{(21)}\\
&-2m_{110}^{(20)}m_{002}^{(11)}m_{302}^{(11)}+2m_{110}^{(20)}m_{002}^{(11)}m_{221}^{(20)}+2m_{110}^{(20)}m_{002}^{(11)}m_{212}^{(10)}-2m_{110}^{(20)}m_{002}^{(11)}m_{122}^{(00)}\\
&+4m_{110}^{(20)}m_{002}^{(21)}m_{311}^{(11)}-8m_{110}^{(20)}m_{002}^{(21)}m_{221}^{(10)}+4m_{110}^{(20)}m_{002}^{(21)}m_{131}^{(00)}-2m_{110}^{(20)}m_{002}^{(22)}m_{311}^{(11)}\\
&+4m_{110}^{(20)}m_{002}^{(22)}m_{230}^{(10)}-2m_{110}^{(20)}m_{002}^{(22)}m_{140}^{(00)}-4m_{110}^{(21)}m_{101}^{(00)}m_{131}^{(22)}+8m_{110}^{(21)}m_{101}^{(00)}m_{122}^{(21)}\\
&-4m_{110}^{(21)}m_{101}^{(00)}m_{113}^{(11)}+8m_{110}^{(21)}m_{101}^{(10)}m_{221}^{(22)}-8m_{110}^{(21)}m_{101}^{(10)}m_{212}^{(21)}-8m_{110}^{(21)}m_{101}^{(10)}m_{122}^{(20)}\\
&+8m_{110}^{(21)}m_{101}^{(10)}m_{113}^{(10)}-4m_{110}^{(21)}m_{101}^{(11)}m_{311}^{(22)}+4m_{110}^{(21)}m_{101}^{(11)}m_{302}^{(21)}+4m_{110}^{(21)}m_{101}^{(11)}m_{212}^{(20)}\\
&-4m_{110}^{(21)}m_{101}^{(11)}m_{203}^{(10)}-8m_{110}^{(21)}m_{101}^{(20)}m_{221}^{(21)}+8m_{110}^{(21)}m_{101}^{(20)}m_{212}^{(11)}+8m_{110}^{(21)}m_{101}^{(20)}m_{131}^{(20)}\\
&-8m_{110}^{(21)}m_{101}^{(20)}m_{122}^{(10)}+4m_{110}^{(21)}m_{101}^{(22)}m_{320}^{(21)}-4m_{110}^{(21)}m_{101}^{(22)}m_{311}^{(11)}-4m_{110}^{(21)}m_{101}^{(22)}m_{230}^{(20)}\\
&+4m_{110}^{(21)}m_{101}^{(22)}m_{221}^{(10)}+2m_{110}^{(21)}m_{020}^{(00)}m_{203}^{(21)}-2m_{110}^{(21)}m_{020}^{(00)}m_{113}^{(20)}-2m_{110}^{(21)}m_{020}^{(00)}m_{104}^{(10)}\\
&+2m_{110}^{(21)}m_{020}^{(00)}m_{014}^{(00)}-4m_{110}^{(21)}m_{020}^{(20)}m_{302}^{(21)}+4m_{110}^{(21)}m_{020}^{(20)}m_{212}^{(20)}+4m_{110}^{(21)}m_{020}^{(20)}m_{203}^{(10)}\\
&-4m_{110}^{(21)}m_{020}^{(20)}m_{113}^{(00)}+2m_{110}^{(21)}m_{020}^{(22)}m_{401}^{(21)}-2m_{110}^{(21)}m_{020}^{(22)}m_{311}^{(20)}-2m_{110}^{(21)}m_{020}^{(22)}m_{302}^{(10)}\\
&+2m_{110}^{(21)}m_{020}^{(22)}m_{212}^{(00)}-4m_{110}^{(21)}m_{011}^{(00)}m_{212}^{(21)}+4m_{110}^{(21)}m_{011}^{(00)}m_{122}^{(20)}+4m_{110}^{(21)}m_{011}^{(00)}m_{113}^{(10)}\\
&-4m_{110}^{(21)}m_{011}^{(00)}m_{023}^{(00)}+8m_{110}^{(21)}m_{011}^{(20)}m_{311}^{(21)}-8m_{110}^{(21)}m_{011}^{(20)}m_{221}^{(20)}-8m_{110}^{(21)}m_{011}^{(20)}m_{212}^{(10)}\\
&+8m_{110}^{(21)}m_{011}^{(20)}m_{122}^{(00)}-4m_{110}^{(21)}m_{011}^{(22)}m_{410}^{(21)}+4m_{110}^{(21)}m_{011}^{(22)}m_{320}^{(20)}+4m_{110}^{(21)}m_{011}^{(22)}m_{311}^{(10)}\\
&-4m_{110}^{(21)}m_{011}^{(22)}m_{221}^{(00)}+2m_{110}^{(21)}m_{002}^{(00)}m_{230}^{(22)}-2m_{110}^{(21)}m_{002}^{(00)}m_{221}^{(21)}+2m_{110}^{(21)}m_{002}^{(00)}m_{212}^{(11)}
\end{aligned}
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\begin{aligned}
&-2m_{110}^{(21)}m_{002}^{(00)}m_{131}^{(20)} - 2m_{110}^{(21)}m_{002}^{(00)}m_{122}^{(10)} + 2m_{110}^{(21)}m_{002}^{(00)}m_{032}^{(00)} - 4m_{110}^{(21)}m_{002}^{(10)}m_{320}^{(22)}\\
&+4m_{110}^{(21)}m_{002}^{(10)}m_{311}^{(21)} + 4m_{110}^{(21)}m_{002}^{(10)}m_{221}^{(20)} - 4m_{110}^{(21)}m_{002}^{(10)}m_{212}^{(10)} + 2m_{110}^{(21)}m_{002}^{(11)}m_{410}^{(22)}\\
&-2m_{110}^{(21)}m_{002}^{(11)}m_{401}^{(21)} - 2m_{110}^{(21)}m_{002}^{(11)}m_{311}^{(20)} + 2m_{110}^{(21)}m_{002}^{(11)}m_{302}^{(10)} - 4m_{110}^{(21)}m_{002}^{(20)}m_{311}^{(11)}\\
&+8m_{110}^{(21)}m_{002}^{(20)}m_{221}^{(10)} - 4m_{110}^{(21)}m_{002}^{(20)}m_{131}^{(00)} + 2m_{110}^{(21)}m_{002}^{(22)}m_{410}^{(11)} - 4m_{110}^{(21)}m_{002}^{(22)}m_{320}^{(10)}\\
&+2m_{110}^{(21)}m_{002}^{(22)}m_{230}^{(00)} + 2m_{110}^{(22)}m_{101}^{(00)}m_{140}^{(22)} - 4m_{110}^{(22)}m_{101}^{(00)}m_{131}^{(21)} + 2m_{110}^{(22)}m_{101}^{(00)}m_{122}^{(11)}\\
&-4m_{110}^{(22)}m_{101}^{(10)}m_{230}^{(22)} + 4m_{110}^{(22)}m_{101}^{(10)}m_{221}^{(21)} + 4m_{110}^{(22)}m_{101}^{(10)}m_{131}^{(20)} - 4m_{110}^{(22)}m_{101}^{(10)}m_{122}^{(10)}\\
&+2m_{110}^{(22)}m_{101}^{(11)}m_{320}^{(22)} - 2m_{110}^{(22)}m_{101}^{(11)}m_{302}^{(11)} - 4m_{110}^{(22)}m_{101}^{(11)}m_{221}^{(20)} + 4m_{110}^{(22)}m_{101}^{(11)}m_{212}^{(10)}\\
&+4m_{110}^{(22)}m_{101}^{(20)}m_{230}^{(21)} - 4m_{110}^{(22)}m_{101}^{(20)}m_{221}^{(11)} - 4m_{110}^{(22)}m_{101}^{(20)}m_{140}^{(20)} + 4m_{110}^{(22)}m_{101}^{(20)}m_{131}^{(10)}\\
&-4m_{110}^{(22)}m_{101}^{(21)}m_{320}^{(21)} + 4m_{110}^{(22)}m_{101}^{(21)}m_{311}^{(11)} + 4m_{110}^{(22)}m_{101}^{(21)}m_{230}^{(20)} - 4m_{110}^{(22)}m_{101}^{(21)}m_{221}^{(10)}\\
&+m_{110}^{(22)}m_{020}^{(00)}m_{221}^{(22)} - 2m_{110}^{(22)}m_{020}^{(00)}m_{212}^{(21)} + 2m_{110}^{(22)}m_{020}^{(00)}m_{113}^{(10)} - m_{110}^{(22)}m_{020}^{(00)}m_{023}^{(00)}\\
&-2m_{110}^{(22)}m_{020}^{(10)}m_{311}^{(22)} + 2m_{110}^{(22)}m_{020}^{(10)}m_{302}^{(21)} + 2m_{110}^{(22)}m_{020}^{(10)}m_{212}^{(20)} - 2m_{110}^{(22)}m_{020}^{(10)}m_{203}^{(10)}\\
&+m_{110}^{(22)}m_{020}^{(11)}m_{401}^{(22)} - 2m_{110}^{(22)}m_{020}^{(11)}m_{302}^{(20)} + m_{110}^{(22)}m_{020}^{(11)}m_{203}^{(00)} + 2m_{110}^{(22)}m_{020}^{(20)}m_{311}^{(21)}\\
&-2m_{110}^{(22)}m_{020}^{(20)}m_{221}^{(20)} - 2m_{110}^{(22)}m_{020}^{(20)}m_{212}^{(10)} + 2m_{110}^{(22)}m_{020}^{(20)}m_{122}^{(00)} - 2m_{110}^{(22)}m_{020}^{(21)}m_{401}^{(21)}\\
&+2m_{110}^{(22)}m_{020}^{(21)}m_{311}^{(20)} + 2m_{110}^{(22)}m_{020}^{(21)}m_{302}^{(10)} - 2m_{110}^{(22)}m_{020}^{(21)}m_{212}^{(00)} - 2m_{110}^{(22)}m_{011}^{(00)}m_{230}^{(22)}\\
&+4m_{110}^{(22)}m_{011}^{(00)}m_{221}^{(21)} - 4m_{110}^{(22)}m_{011}^{(00)}m_{122}^{(10)} + 2m_{110}^{(22)}m_{011}^{(00)}m_{032}^{(00)} + 4m_{110}^{(22)}m_{011}^{(10)}m_{320}^{(22)}\\
&-4m_{110}^{(22)}m_{011}^{(10)}m_{311}^{(21)} - 4m_{110}^{(22)}m_{011}^{(10)}m_{221}^{(20)} + 4m_{110}^{(22)}m_{011}^{(10)}m_{212}^{(10)} - 2m_{110}^{(22)}m_{011}^{(11)}m_{410}^{(22)}\\
&+4m_{110}^{(22)}m_{011}^{(11)}m_{311}^{(20)} - 2m_{110}^{(22)}m_{011}^{(11)}m_{212}^{(00)} - 4m_{110}^{(22)}m_{011}^{(20)}m_{320}^{(21)} + 4m_{110}^{(22)}m_{011}^{(20)}m_{230}^{(20)}\\
&+4m_{110}^{(22)}m_{011}^{(20)}m_{221}^{(10)} - 4m_{110}^{(22)}m_{011}^{(20)}m_{131}^{(00)} + 4m_{110}^{(22)}m_{011}^{(21)}m_{410}^{(21)} - 4m_{110}^{(22)}m_{011}^{(21)}m_{320}^{(20)}\\
&-4m_{110}^{(22)}m_{011}^{(21)}m_{311}^{(10)} + 4m_{110}^{(22)}m_{011}^{(21)}m_{221}^{(00)} - m_{110}^{(22)}m_{002}^{(00)}m_{221}^{(11)} + 2m_{110}^{(22)}m_{002}^{(00)}m_{131}^{(10)}\\
&-m_{110}^{(22)}m_{002}^{(00)}m_{041}^{(00)} + m_{110}^{(22)}m_{002}^{(11)}m_{401}^{(11)} - 2m_{110}^{(22)}m_{002}^{(11)}m_{311}^{(10)} + m_{110}^{(22)}m_{002}^{(11)}m_{221}^{(00)}\\
&+2m_{110}^{(22)}m_{002}^{(20)}m_{320}^{(11)} - 4m_{110}^{(22)}m_{002}^{(20)}m_{230}^{(10)} + 2m_{110}^{(22)}m_{002}^{(20)}m_{140}^{(00)} - 2m_{110}^{(22)}m_{002}^{(21)}m_{410}^{(11)}\\
&+4m_{110}^{(22)}m_{002}^{(21)}m_{320}^{(10)} - 2m_{110}^{(22)}m_{002}^{(21)}m_{230}^{(00)} + 2m_{101}^{(00)}m_{020}^{(10)}m_{113}^{(21)} - 2m_{101}^{(00)}m_{020}^{(10)}m_{104}^{(11)}\\
&-2m_{101}^{(00)}m_{020}^{(10)}m_{023}^{(20)} + 2m_{101}^{(00)}m_{020}^{(10)}m_{014}^{(10)} - m_{101}^{(00)}m_{020}^{(11)}m_{212}^{(22)} + 2m_{101}^{(00)}m_{020}^{(11)}m_{113}^{(20)}\\
&-m_{101}^{(00)}m_{020}^{(11)}m_{014}^{(00)} - 2m_{101}^{(00)}m_{020}^{(20)}m_{122}^{(21)} + 2m_{101}^{(00)}m_{020}^{(20)}m_{113}^{(11)} + 2m_{101}^{(00)}m_{020}^{(20)}m_{032}^{(20)}\\
&-2m_{101}^{(00)}m_{020}^{(20)}m_{023}^{(10)} + 2m_{101}^{(00)}m_{020}^{(21)}m_{221}^{(22)} - 2m_{101}^{(00)}m_{020}^{(21)}m_{212}^{(21)} + 2m_{101}^{(00)}m_{020}^{(21)}m_{203}^{(11)}\\
&-2m_{101}^{(00)}m_{020}^{(21)}m_{122}^{(20)} - 2m_{101}^{(00)}m_{020}^{(21)}m_{113}^{(10)} + 2m_{101}^{(00)}m_{020}^{(21)}m_{023}^{(00)} - m_{101}^{(00)}m_{020}^{(22)}m_{230}^{(22)}\\
&+2m_{101}^{(00)}m_{020}^{(22)}m_{221}^{(21)} - 2m_{101}^{(00)}m_{020}^{(22)}m_{212}^{(11)} + 2m_{101}^{(00)}m_{020}^{(22)}m_{122}^{(10)} - m_{101}^{(00)}m_{020}^{(22)}m_{032}^{(00)}\\
&-4m_{101}^{(00)}m_{011}^{(10)}m_{122}^{(21)} + 4m_{101}^{(00)}m_{011}^{(10)}m_{113}^{(11)} + 4m_{101}^{(00)}m_{011}^{(10)}m_{032}^{(20)} - 4m_{101}^{(00)}m_{011}^{(10)}m_{023}^{(10)}\\
&+4m_{101}^{(00)}m_{011}^{(11)}m_{212}^{(21)} - 2m_{101}^{(00)}m_{011}^{(11)}m_{203}^{(11)} - 4m_{101}^{(00)}m_{011}^{(11)}m_{122}^{(20)} + 2m_{101}^{(00)}m_{011}^{(11)}m_{023}^{(00)}\\
&+4m_{101}^{(00)}m_{011}^{(20)}m_{131}^{(21)} - 4m_{101}^{(00)}m_{011}^{(20)}m_{122}^{(11)} - 4m_{101}^{(00)}m_{011}^{(20)}m_{041}^{(20)} + 4m_{101}^{(00)}m_{011}^{(20)}m_{032}^{(10)}\\
&-4m_{101}^{(00)}m_{011}^{(21)}m_{221}^{(21)} + 4m_{101}^{(00)}m_{011}^{(21)}m_{131}^{(20)} + 4m_{101}^{(00)}m_{011}^{(21)}m_{122}^{(10)} - 4m_{101}^{(00)}m_{011}^{(21)}m_{032}^{(00)}\\
&+2m_{101}^{(00)}m_{011}^{(22)}m_{221}^{(11)} - 4m_{101}^{(00)}m_{011}^{(22)}m_{131}^{(10)} + 2m_{101}^{(00)}m_{011}^{(22)}m_{041}^{(00)} + 2m_{101}^{(00)}m_{002}^{(10)}m_{131}^{(21)}\\
&-2m_{101}^{(00)}m_{002}^{(10)}m_{122}^{(11)} - 2m_{101}^{(00)}m_{002}^{(10)}m_{041}^{(20)} + 2m_{101}^{(00)}m_{002}^{(10)}m_{032}^{(10)} - 2m_{101}^{(00)}m_{002}^{(11)}m_{221}^{(21)}\\
&+m_{101}^{(00)}m_{002}^{(11)}m_{212}^{(11)} + 2m_{101}^{(00)}m_{002}^{(11)}m_{131}^{(20)} - m_{101}^{(00)}m_{002}^{(11)}m_{032}^{(00)} - 2m_{101}^{(00)}m_{002}^{(20)}m_{140}^{(21)}\\
&+2m_{101}^{(00)}m_{002}^{(20)}m_{131}^{(11)} + 2m_{101}^{(00)}m_{002}^{(20)}m_{050}^{(20)} - 2m_{101}^{(00)}m_{002}^{(20)}m_{041}^{(10)} + 2m_{101}^{(00)}m_{002}^{(21)}m_{230}^{(21)}\\
&-2m_{101}^{(00)}m_{002}^{(21)}m_{140}^{(20)} - 2m_{101}^{(00)}m_{002}^{(21)}m_{131}^{(10)} + 2m_{101}^{(00)}m_{002}^{(21)}m_{041}^{(00)} - m_{101}^{(00)}m_{002}^{(22)}m_{230}^{(11)}\\
&+2m_{101}^{(00)}m_{002}^{(22)}m_{140}^{(10)} - m_{101}^{(00)}m_{002}^{(22)}m_{050}^{(00)} - 2m_{101}^{(10)}m_{020}^{(00)}m_{113}^{(21)} + 2m_{101}^{(10)}m_{020}^{(00)}m_{104}^{(11)}\\
&+2m_{101}^{(10)}m_{020}^{(00)}m_{023}^{(20)} - 2m_{101}^{(10)}m_{020}^{(00)}m_{014}^{(10)} + 2m_{101}^{(10)}m_{020}^{(11)}m_{302}^{(22)} - 4m_{101}^{(10)}m_{020}^{(11)}m_{203}^{(20)}
\end{aligned}
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\begin{aligned}
&+2m_{101}^{(10)}m_{020}^{(11)}m_{104}^{(00)} + 4m_{101}^{(10)}m_{020}^{(20)}m_{212}^{(21)} - 4m_{101}^{(10)}m_{020}^{(20)}m_{203}^{(11)} - 4m_{101}^{(10)}m_{020}^{(20)}m_{122}^{(20)}\\
&+4m_{101}^{(10)}m_{020}^{(20)}m_{113}^{(10)} - 4m_{101}^{(10)}m_{020}^{(21)}m_{311}^{(22)} + 8m_{101}^{(10)}m_{020}^{(21)}m_{212}^{(20)} - 4m_{101}^{(10)}m_{020}^{(21)}m_{113}^{(00)}\\
&+2m_{101}^{(10)}m_{020}^{(22)}m_{320}^{(22)} - 2m_{101}^{(10)}m_{020}^{(22)}m_{311}^{(21)} + 2m_{101}^{(10)}m_{020}^{(22)}m_{302}^{(11)} - 2m_{101}^{(10)}m_{020}^{(22)}m_{221}^{(20)}\\
&-2m_{101}^{(10)}m_{020}^{(22)}m_{212}^{(10)} + 2m_{101}^{(10)}m_{020}^{(22)}m_{122}^{(00)} + 4m_{101}^{(10)}m_{011}^{(00)}m_{122}^{(21)} - 4m_{101}^{(10)}m_{011}^{(00)}m_{113}^{(11)}\\
&-4m_{101}^{(10)}m_{011}^{(00)}m_{032}^{(20)} + 4m_{101}^{(10)}m_{011}^{(00)}m_{023}^{(10)} - 4m_{101}^{(10)}m_{011}^{(11)}m_{302}^{(21)} + 4m_{101}^{(10)}m_{011}^{(11)}m_{212}^{(20)}\\
&+4m_{101}^{(10)}m_{011}^{(11)}m_{203}^{(10)} - 4m_{101}^{(10)}m_{011}^{(11)}m_{113}^{(00)} - 8m_{101}^{(10)}m_{011}^{(20)}m_{221}^{(21)} + 8m_{101}^{(10)}m_{011}^{(20)}m_{212}^{(11)}\\
&+8m_{101}^{(10)}m_{011}^{(20)}m_{131}^{(20)} - 8m_{101}^{(10)}m_{011}^{(20)}m_{122}^{(10)} + 8m_{101}^{(10)}m_{011}^{(21)}m_{311}^{(21)} - 8m_{101}^{(10)}m_{011}^{(21)}m_{221}^{(20)}\\
&-8m_{101}^{(10)}m_{011}^{(21)}m_{212}^{(10)} + 8m_{101}^{(10)}m_{011}^{(21)}m_{122}^{(00)} - 4m_{101}^{(10)}m_{011}^{(22)}m_{311}^{(11)} + 8m_{101}^{(10)}m_{011}^{(22)}m_{221}^{(10)}\\
&-4m_{101}^{(10)}m_{011}^{(22)}m_{131}^{(00)} - 2m_{101}^{(10)}m_{002}^{(00)}m_{131}^{(21)} + 2m_{101}^{(10)}m_{002}^{(00)}m_{122}^{(11)} + 2m_{101}^{(10)}m_{002}^{(00)}m_{041}^{(20)}\\
&-2m_{101}^{(10)}m_{002}^{(00)}m_{032}^{(10)} + 2m_{101}^{(10)}m_{002}^{(11)}m_{311}^{(21)} - 2m_{101}^{(10)}m_{002}^{(11)}m_{221}^{(20)} - 2m_{101}^{(10)}m_{002}^{(11)}m_{212}^{(10)}\\
&+2m_{101}^{(10)}m_{002}^{(11)}m_{122}^{(00)} + 4m_{101}^{(10)}m_{002}^{(20)}m_{230}^{(21)} - 4m_{101}^{(10)}m_{002}^{(20)}m_{221}^{(11)} - 4m_{101}^{(10)}m_{002}^{(20)}m_{140}^{(20)}\\
&+4m_{101}^{(10)}m_{002}^{(20)}m_{131}^{(10)} - 4m_{101}^{(10)}m_{002}^{(21)}m_{320}^{(21)} + 4m_{101}^{(10)}m_{002}^{(21)}m_{230}^{(20)} + 4m_{101}^{(10)}m_{002}^{(21)}m_{221}^{(10)}\\
&-4m_{101}^{(10)}m_{002}^{(21)}m_{131}^{(00)} + 2m_{101}^{(10)}m_{002}^{(22)}m_{320}^{(11)} - 4m_{101}^{(10)}m_{002}^{(22)}m_{230}^{(10)} + 2m_{101}^{(10)}m_{002}^{(22)}m_{140}^{(00)}\\
&+m_{101}^{(11)}m_{020}^{(00)}m_{212}^{(22)} - 2m_{101}^{(11)}m_{020}^{(00)}m_{113}^{(20)} + m_{101}^{(11)}m_{020}^{(00)}m_{014}^{(00)} - 2m_{101}^{(11)}m_{020}^{(10)}m_{302}^{(22)}\\
&+4m_{101}^{(11)}m_{020}^{(10)}m_{203}^{(20)} - 2m_{101}^{(11)}m_{020}^{(10)}m_{104}^{(00)} + 2m_{101}^{(11)}m_{020}^{(21)}m_{401}^{(22)} - 4m_{101}^{(11)}m_{020}^{(21)}m_{302}^{(20)}\\
&+2m_{101}^{(11)}m_{020}^{(21)}m_{203}^{(00)} - m_{101}^{(11)}m_{020}^{(22)}m_{410}^{(22)} + 2m_{101}^{(11)}m_{020}^{(22)}m_{311}^{(20)} - m_{101}^{(11)}m_{020}^{(22)}m_{212}^{(00)}\\
&-4m_{101}^{(11)}m_{011}^{(00)}m_{212}^{(21)} + 2m_{101}^{(11)}m_{011}^{(00)}m_{203}^{(11)} + 4m_{101}^{(11)}m_{011}^{(00)}m_{122}^{(20)} - 2m_{101}^{(11)}m_{011}^{(00)}m_{023}^{(00)}\\
&+4m_{101}^{(11)}m_{011}^{(10)}m_{302}^{(21)} - 4m_{101}^{(11)}m_{011}^{(10)}m_{212}^{(20)} - 4m_{101}^{(11)}m_{011}^{(10)}m_{203}^{(10)} + 4m_{101}^{(11)}m_{011}^{(10)}m_{113}^{(00)}\\
&+4m_{101}^{(11)}m_{011}^{(20)}m_{311}^{(21)} - 4m_{101}^{(11)}m_{011}^{(20)}m_{302}^{(11)} - 4m_{101}^{(11)}m_{011}^{(20)}m_{221}^{(20)} + 4m_{101}^{(11)}m_{011}^{(20)}m_{212}^{(10)}\\
&-4m_{101}^{(11)}m_{011}^{(21)}m_{401}^{(21)} + 4m_{101}^{(11)}m_{011}^{(21)}m_{311}^{(20)} + 4m_{101}^{(11)}m_{011}^{(21)}m_{302}^{(10)} - 4m_{101}^{(11)}m_{011}^{(21)}m_{212}^{(00)}\\
&+2m_{101}^{(11)}m_{011}^{(22)}m_{401}^{(11)} - 4m_{101}^{(11)}m_{011}^{(22)}m_{311}^{(10)} + 2m_{101}^{(11)}m_{011}^{(22)}m_{221}^{(00)} + 2m_{101}^{(11)}m_{002}^{(00)}m_{221}^{(21)}\\
&-m_{101}^{(11)}m_{002}^{(00)}m_{212}^{(11)} - 2m_{101}^{(11)}m_{002}^{(00)}m_{131}^{(20)} + m_{101}^{(11)}m_{002}^{(00)}m_{032}^{(00)} - 2m_{101}^{(11)}m_{002}^{(10)}m_{311}^{(21)}\\
&+2m_{101}^{(11)}m_{002}^{(10)}m_{221}^{(20)} + 2m_{101}^{(11)}m_{002}^{(10)}m_{212}^{(10)} - 2m_{101}^{(11)}m_{002}^{(10)}m_{122}^{(00)} - 2m_{101}^{(11)}m_{002}^{(20)}m_{320}^{(21)}\\
&+2m_{101}^{(11)}m_{002}^{(20)}m_{311}^{(11)} + 2m_{101}^{(11)}m_{002}^{(20)}m_{230}^{(20)} - 2m_{101}^{(11)}m_{002}^{(20)}m_{221}^{(10)} + 2m_{101}^{(11)}m_{002}^{(21)}m_{410}^{(21)}\\
&-2m_{101}^{(11)}m_{002}^{(21)}m_{320}^{(20)} - 2m_{101}^{(11)}m_{002}^{(21)}m_{311}^{(10)} + 2m_{101}^{(11)}m_{002}^{(21)}m_{221}^{(00)} - m_{101}^{(11)}m_{002}^{(22)}m_{410}^{(11)}\\
&+2m_{101}^{(11)}m_{002}^{(22)}m_{320}^{(10)} - m_{101}^{(11)}m_{002}^{(22)}m_{230}^{(00)} + 2m_{101}^{(20)}m_{020}^{(00)}m_{122}^{(21)} - 2m_{101}^{(20)}m_{020}^{(00)}m_{113}^{(11)}\\
&-2m_{101}^{(20)}m_{020}^{(00)}m_{032}^{(20)} + 2m_{101}^{(20)}m_{020}^{(00)}m_{023}^{(10)} - 4m_{101}^{(20)}m_{020}^{(10)}m_{212}^{(21)} + 4m_{101}^{(20)}m_{020}^{(10)}m_{203}^{(11)}\\
&+4m_{101}^{(20)}m_{020}^{(10)}m_{122}^{(20)} - 4m_{101}^{(20)}m_{020}^{(10)}m_{113}^{(10)} + 4m_{101}^{(20)}m_{020}^{(21)}m_{311}^{(21)} - 4m_{101}^{(20)}m_{020}^{(21)}m_{302}^{(11)}\\
&-4m_{101}^{(20)}m_{020}^{(21)}m_{221}^{(20)} + 4m_{101}^{(20)}m_{020}^{(21)}m_{212}^{(10)} - 2m_{101}^{(20)}m_{020}^{(22)}m_{320}^{(21)} + 2m_{101}^{(20)}m_{020}^{(22)}m_{311}^{(11)}\\
&+2m_{101}^{(20)}m_{020}^{(22)}m_{230}^{(20)} - 2m_{101}^{(20)}m_{020}^{(22)}m_{221}^{(10)} - 4m_{101}^{(20)}m_{011}^{(00)}m_{131}^{(21)} + 4m_{101}^{(20)}m_{011}^{(00)}m_{122}^{(11)}\\
&+4m_{101}^{(20)}m_{011}^{(00)}m_{041}^{(20)} - 4m_{101}^{(20)}m_{011}^{(00)}m_{032}^{(10)} + 8m_{101}^{(20)}m_{011}^{(10)}m_{221}^{(21)} - 8m_{101}^{(20)}m_{011}^{(10)}m_{212}^{(11)}\\
&-8m_{101}^{(20)}m_{011}^{(10)}m_{131}^{(20)} + 8m_{101}^{(20)}m_{011}^{(10)}m_{122}^{(10)} - 4m_{101}^{(20)}m_{011}^{(11)}m_{311}^{(21)} + 4m_{101}^{(20)}m_{011}^{(11)}m_{302}^{(11)}\\
&+4m_{101}^{(20)}m_{011}^{(11)}m_{221}^{(20)} - 4m_{101}^{(20)}m_{011}^{(11)}m_{212}^{(10)} + 2m_{101}^{(20)}m_{002}^{(00)}m_{140}^{(21)} - 2m_{101}^{(20)}m_{002}^{(00)}m_{131}^{(11)}\\
&-2m_{101}^{(20)}m_{002}^{(00)}m_{050}^{(20)} + 2m_{101}^{(20)}m_{002}^{(00)}m_{041}^{(10)} - 4m_{101}^{(20)}m_{002}^{(10)}m_{230}^{(21)} + 4m_{101}^{(20)}m_{002}^{(10)}m_{221}^{(11)}\\
&+4m_{101}^{(20)}m_{002}^{(10)}m_{140}^{(20)} - 4m_{101}^{(20)}m_{002}^{(10)}m_{131}^{(10)} + 2m_{101}^{(20)}m_{002}^{(11)}m_{320}^{(21)} - 2m_{101}^{(20)}m_{002}^{(11)}m_{311}^{(11)}\\
&-2m_{101}^{(20)}m_{002}^{(11)}m_{230}^{(20)} + 2m_{101}^{(20)}m_{002}^{(11)}m_{221}^{(10)} - 2m_{101}^{(21)}m_{020}^{(00)}m_{221}^{(22)} + 2m_{101}^{(21)}m_{020}^{(00)}m_{212}^{(21)}\\
&-2m_{101}^{(21)}m_{020}^{(00)}m_{203}^{(11)} + 2m_{101}^{(21)}m_{020}^{(00)}m_{122}^{(20)} + 2m_{101}^{(21)}m_{020}^{(00)}m_{113}^{(10)} - 2m_{101}^{(21)}m_{020}^{(00)}m_{023}^{(00)}\\
&+4m_{101}^{(21)}m_{020}^{(10)}m_{311}^{(22)} - 8m_{101}^{(21)}m_{020}^{(10)}m_{212}^{(20)} + 4m_{101}^{(21)}m_{020}^{(10)}m_{113}^{(00)} - 2m_{101}^{(21)}m_{020}^{(11)}m_{401}^{(22)}
\end{aligned}
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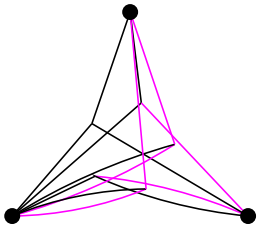
$$+4m_{101}^{(21)}m_{020}^{(11)}m_{302}^{(20)} - 2m_{101}^{(21)}m_{020}^{(11)}m_{203}^{(00)} - 4m_{101}^{(21)}m_{020}^{(20)}m_{311}^{(21)} + 4m_{101}^{(21)}m_{020}^{(20)}m_{302}^{(11)}$$
$$+4m_{101}^{(21)}m_{020}^{(20)}m_{221}^{(20)} - 4m_{101}^{(21)}m_{020}^{(20)}m_{212}^{(10)} + 2m_{101}^{(21)}m_{020}^{(22)}m_{410}^{(21)} - 2m_{101}^{(21)}m_{020}^{(22)}m_{401}^{(11)}$$
$$-2m_{101}^{(21)}m_{020}^{(22)}m_{320}^{(20)} + 2m_{101}^{(21)}m_{020}^{(22)}m_{311}^{(10)} + 4m_{101}^{(21)}m_{011}^{(00)}m_{221}^{(21)} - 4m_{101}^{(21)}m_{011}^{(00)}m_{131}^{(20)}$$
$$-4m_{101}^{(21)}m_{011}^{(00)}m_{122}^{(10)} + 4m_{101}^{(21)}m_{011}^{(00)}m_{032}^{(00)} - 8m_{101}^{(21)}m_{011}^{(10)}m_{311}^{(21)} + 8m_{101}^{(21)}m_{011}^{(10)}m_{221}^{(20)}$$
$$+8m_{101}^{(21)}m_{011}^{(10)}m_{212}^{(10)} - 8m_{101}^{(21)}m_{011}^{(10)}m_{122}^{(00)} + 4m_{101}^{(21)}m_{011}^{(11)}m_{401}^{(21)} - 4m_{101}^{(21)}m_{011}^{(11)}m_{311}^{(20)}$$
$$-4m_{101}^{(21)}m_{011}^{(11)}m_{302}^{(10)} + 4m_{101}^{(21)}m_{011}^{(11)}m_{212}^{(00)} - 2m_{101}^{(21)}m_{002}^{(00)}m_{230}^{(21)} + 2m_{101}^{(21)}m_{002}^{(00)}m_{140}^{(20)}$$
$$+2m_{101}^{(21)}m_{002}^{(00)}m_{131}^{(10)} - 2m_{101}^{(21)}m_{002}^{(00)}m_{041}^{(00)} + 4m_{101}^{(21)}m_{002}^{(10)}m_{320}^{(21)} - 4m_{101}^{(21)}m_{002}^{(10)}m_{230}^{(20)}$$
$$-4m_{101}^{(21)}m_{002}^{(10)}m_{221}^{(10)} + 4m_{101}^{(21)}m_{002}^{(10)}m_{131}^{(00)} - 2m_{101}^{(21)}m_{002}^{(11)}m_{410}^{(21)} + 2m_{101}^{(21)}m_{002}^{(11)}m_{320}^{(20)}$$
$$+2m_{101}^{(21)}m_{002}^{(11)}m_{311}^{(10)} - 2m_{101}^{(21)}m_{002}^{(11)}m_{221}^{(00)} + m_{101}^{(22)}m_{020}^{(00)}m_{230}^{(22)} - 2m_{101}^{(22)}m_{020}^{(00)}m_{221}^{(21)}$$
$$+2m_{101}^{(22)}m_{020}^{(00)}m_{212}^{(11)} - 2m_{101}^{(22)}m_{020}^{(00)}m_{122}^{(10)} + m_{101}^{(22)}m_{020}^{(00)}m_{032}^{(00)} - 2m_{101}^{(22)}m_{020}^{(10)}m_{320}^{(22)}$$
$$+2m_{101}^{(22)}m_{020}^{(10)}m_{311}^{(21)} - 2m_{101}^{(22)}m_{020}^{(10)}m_{302}^{(11)} + 2m_{101}^{(22)}m_{020}^{(10)}m_{221}^{(20)} + 2m_{101}^{(22)}m_{020}^{(10)}m_{212}^{(10)}$$
$$-2m_{101}^{(22)}m_{020}^{(10)}m_{122}^{(00)} + m_{101}^{(22)}m_{020}^{(11)}m_{410}^{(22)} - 2m_{101}^{(22)}m_{020}^{(11)}m_{311}^{(20)} + m_{101}^{(22)}m_{020}^{(11)}m_{212}^{(00)}$$
$$+2m_{101}^{(22)}m_{020}^{(20)}m_{320}^{(21)} - 2m_{101}^{(22)}m_{020}^{(20)}m_{311}^{(11)} - 2m_{101}^{(22)}m_{020}^{(20)}m_{230}^{(20)} + 2m_{101}^{(22)}m_{020}^{(20)}m_{221}^{(10)}$$
$$-2m_{101}^{(22)}m_{020}^{(21)}m_{410}^{(21)} + 2m_{101}^{(22)}m_{020}^{(21)}m_{401}^{(11)} + 2m_{101}^{(22)}m_{020}^{(21)}m_{320}^{(20)} - 2m_{101}^{(22)}m_{020}^{(21)}m_{311}^{(10)}$$
$$-2m_{101}^{(22)}m_{011}^{(00)}m_{221}^{(11)} + 4m_{101}^{(22)}m_{011}^{(00)}m_{131}^{(10)} - 2m_{101}^{(22)}m_{011}^{(00)}m_{041}^{(00)} + 4m_{101}^{(22)}m_{011}^{(10)}m_{311}^{(11)}$$
$$-8m_{101}^{(22)}m_{011}^{(10)}m_{221}^{(10)} + 4m_{101}^{(22)}m_{011}^{(10)}m_{131}^{(00)} - 2m_{101}^{(22)}m_{011}^{(11)}m_{401}^{(11)} + 4m_{101}^{(22)}m_{011}^{(11)}m_{311}^{(10)}$$
$$-2m_{101}^{(22)}m_{011}^{(11)}m_{221}^{(00)} + m_{101}^{(22)}m_{002}^{(00)}m_{230}^{(11)} - 2m_{101}^{(22)}m_{002}^{(00)}m_{140}^{(10)} + m_{101}^{(22)}m_{002}^{(00)}m_{050}^{(00)}$$
$$-2m_{101}^{(22)}m_{002}^{(10)}m_{320}^{(11)} + 4m_{101}^{(22)}m_{002}^{(10)}m_{230}^{(10)} - 2m_{101}^{(22)}m_{002}^{(10)}m_{140}^{(00)} + m_{101}^{(22)}m_{002}^{(11)}m_{410}^{(11)}$$
$$-2m_{101}^{(22)}m_{002}^{(11)}m_{320}^{(10)} + m_{101}^{(22)}m_{002}^{(11)}m_{230}^{(00)} - 2m_{020}^{(00)}m_{011}^{(10)}m_{212}^{(22)} + 2m_{020}^{(00)}m_{011}^{(10)}m_{203}^{(21)}$$
$$+2m_{020}^{(00)}m_{011}^{(10)}m_{113}^{(20)} - 2m_{020}^{(00)}m_{011}^{(10)}m_{104}^{(10)} + m_{020}^{(00)}m_{011}^{(11)}m_{302}^{(22)} - 2m_{020}^{(00)}m_{011}^{(11)}m_{203}^{(20)}$$
$$+m_{020}^{(00)}m_{011}^{(11)}m_{104}^{(00)} + 2m_{020}^{(00)}m_{011}^{(20)}m_{221}^{(22)} - 2m_{020}^{(00)}m_{011}^{(20)}m_{212}^{(21)} - 2m_{020}^{(00)}m_{011}^{(20)}m_{122}^{(20)}$$
$$+2m_{020}^{(00)}m_{011}^{(20)}m_{113}^{(10)} - 2m_{020}^{(00)}m_{011}^{(21)}m_{302}^{(21)} + 2m_{020}^{(00)}m_{011}^{(21)}m_{212}^{(20)} + 2m_{020}^{(00)}m_{011}^{(21)}m_{203}^{(10)}$$
$$-2m_{020}^{(00)}m_{011}^{(21)}m_{113}^{(00)} - m_{020}^{(00)}m_{011}^{(22)}m_{320}^{(22)} + 2m_{020}^{(00)}m_{011}^{(22)}m_{311}^{(21)} - 2m_{020}^{(00)}m_{011}^{(22)}m_{212}^{(10)}$$
$$+m_{020}^{(00)}m_{011}^{(22)}m_{122}^{(00)} + m_{020}^{(00)}m_{002}^{(10)}m_{221}^{(22)} - m_{020}^{(00)}m_{002}^{(10)}m_{203}^{(11)} - 2m_{020}^{(00)}m_{002}^{(10)}m_{122}^{(20)}$$
$$+2m_{020}^{(00)}m_{002}^{(10)}m_{113}^{(10)} - m_{020}^{(00)}m_{002}^{(11)}m_{311}^{(22)} + 2m_{020}^{(00)}m_{002}^{(11)}m_{212}^{(20)} - m_{020}^{(00)}m_{002}^{(11)}m_{113}^{(00)}$$
$$-m_{020}^{(00)}m_{002}^{(20)}m_{230}^{(22)} + m_{020}^{(00)}m_{002}^{(20)}m_{212}^{(11)} + 2m_{020}^{(00)}m_{002}^{(20)}m_{131}^{(20)} - 2m_{020}^{(00)}m_{002}^{(20)}m_{122}^{(10)}$$
$$+m_{020}^{(00)}m_{002}^{(21)}m_{320}^{(22)} + m_{020}^{(00)}m_{002}^{(21)}m_{302}^{(11)} - 2m_{020}^{(00)}m_{002}^{(21)}m_{221}^{(20)} - 2m_{020}^{(00)}m_{002}^{(21)}m_{212}^{(10)}$$
$$+2m_{020}^{(00)}m_{002}^{(21)}m_{122}^{(00)} - m_{020}^{(00)}m_{002}^{(22)}m_{311}^{(11)} + 2m_{020}^{(00)}m_{002}^{(22)}m_{221}^{(10)} - m_{020}^{(00)}m_{002}^{(22)}m_{131}^{(00)}$$
$$+2m_{020}^{(10)}m_{011}^{(00)}m_{212}^{(22)} - 2m_{020}^{(10)}m_{011}^{(00)}m_{203}^{(21)} - 2m_{020}^{(10)}m_{011}^{(00)}m_{113}^{(20)} + 2m_{020}^{(10)}m_{011}^{(00)}m_{104}^{(10)}$$
$$-4m_{020}^{(10)}m_{011}^{(20)}m_{311}^{(22)} + 4m_{020}^{(10)}m_{011}^{(20)}m_{302}^{(21)} + 4m_{020}^{(10)}m_{011}^{(20)}m_{212}^{(20)} - 4m_{020}^{(10)}m_{011}^{(20)}m_{203}^{(10)}$$
$$+2m_{020}^{(10)}m_{011}^{(22)}m_{410}^{(22)} - 2m_{020}^{(10)}m_{011}^{(22)}m_{401}^{(21)} - 2m_{020}^{(10)}m_{011}^{(22)}m_{311}^{(20)} + 2m_{020}^{(10)}m_{011}^{(22)}m_{302}^{(10)}$$
$$-m_{020}^{(10)}m_{002}^{(00)}m_{221}^{(22)} + m_{020}^{(10)}m_{002}^{(00)}m_{203}^{(11)} + 2m_{020}^{(10)}m_{002}^{(00)}m_{122}^{(20)} - 2m_{020}^{(10)}m_{002}^{(00)}m_{113}^{(10)}$$
$$+m_{020}^{(10)}m_{002}^{(11)}m_{401}^{(22)} - 2m_{020}^{(10)}m_{002}^{(11)}m_{302}^{(20)} + m_{020}^{(10)}m_{002}^{(11)}m_{203}^{(00)} + 2m_{020}^{(10)}m_{002}^{(20)}m_{320}^{(22)}$$
$$-2m_{020}^{(10)}m_{002}^{(20)}m_{302}^{(11)} - 4m_{020}^{(10)}m_{002}^{(20)}m_{221}^{(20)} + 4m_{020}^{(10)}m_{002}^{(20)}m_{212}^{(10)} - 2m_{020}^{(10)}m_{002}^{(21)}m_{410}^{(22)}$$
$$+4m_{020}^{(10)}m_{002}^{(21)}m_{311}^{(20)} - 2m_{020}^{(10)}m_{002}^{(21)}m_{212}^{(00)} + m_{020}^{(10)}m_{002}^{(22)}m_{401}^{(11)} - 2m_{020}^{(10)}m_{002}^{(22)}m_{311}^{(10)}$$
$$+m_{020}^{(10)}m_{002}^{(22)}m_{221}^{(00)} - 2m_{020}^{(11)}m_{011}^{(00)}m_{302}^{(22)} + 2m_{020}^{(11)}m_{011}^{(00)}m_{203}^{(20)} - m_{020}^{(11)}m_{011}^{(00)}m_{104}^{(00)}$$
$$+2m_{020}^{(11)}m_{011}^{(20)}m_{401}^{(22)} - 4m_{020}^{(11)}m_{011}^{(20)}m_{302}^{(20)} + 2m_{020}^{(11)}m_{011}^{(20)}m_{203}^{(00)} - m_{020}^{(11)}m_{011}^{(22)}m_{500}^{(22)}$$
$$+2m_{020}^{(11)}m_{011}^{(22)}m_{401}^{(20)} - m_{020}^{(11)}m_{011}^{(22)}m_{302}^{(00)} + m_{020}^{(11)}m_{002}^{(00)}m_{311}^{(22)} - 2m_{020}^{(11)}m_{002}^{(00)}m_{212}^{(20)}$$

$$+m_{020}^{(11)}m_{002}^{(00)}m_{113}^{(00)}-m_{020}^{(11)}m_{002}^{(10)}m_{401}^{(22)}+2m_{020}^{(11)}m_{002}^{(10)}m_{302}^{(20)}-m_{020}^{(11)}m_{002}^{(10)}m_{203}^{(00)}$$
$$-m_{020}^{(11)}m_{002}^{(20)}m_{410}^{(22)}+2m_{020}^{(11)}m_{002}^{(20)}m_{311}^{(20)}-m_{020}^{(11)}m_{002}^{(20)}m_{212}^{(00)}+m_{020}^{(11)}m_{002}^{(21)}m_{500}^{(22)}$$
$$-2m_{020}^{(11)}m_{002}^{(21)}m_{401}^{(20)}+m_{020}^{(11)}m_{002}^{(21)}m_{302}^{(00)}-2m_{020}^{(20)}m_{011}^{(00)}m_{221}^{(22)}+2m_{020}^{(20)}m_{011}^{(00)}m_{212}^{(21)}$$
$$+2m_{020}^{(20)}m_{011}^{(00)}m_{122}^{(20)}-2m_{020}^{(20)}m_{011}^{(00)}m_{113}^{(10)}+4m_{020}^{(20)}m_{011}^{(10)}m_{311}^{(22)}-4m_{020}^{(20)}m_{011}^{(10)}m_{302}^{(21)}$$
$$-4m_{020}^{(20)}m_{011}^{(10)}m_{212}^{(20)}+4m_{020}^{(20)}m_{011}^{(10)}m_{203}^{(10)}-2m_{020}^{(20)}m_{011}^{(11)}m_{401}^{(22)}+4m_{020}^{(20)}m_{011}^{(11)}m_{302}^{(20)}$$
$$-2m_{020}^{(20)}m_{011}^{(11)}m_{203}^{(00)}+4m_{020}^{(20)}m_{011}^{(21)}m_{401}^{(21)}-4m_{020}^{(20)}m_{011}^{(21)}m_{311}^{(20)}-4m_{020}^{(20)}m_{011}^{(21)}m_{302}^{(10)}$$
$$+4m_{020}^{(20)}m_{011}^{(21)}m_{212}^{(00)}-2m_{020}^{(20)}m_{011}^{(22)}m_{410}^{(21)}+2m_{020}^{(20)}m_{011}^{(22)}m_{320}^{(20)}+2m_{020}^{(20)}m_{011}^{(22)}m_{311}^{(10)}$$
$$-2m_{020}^{(20)}m_{011}^{(22)}m_{221}^{(00)}+m_{020}^{(20)}m_{002}^{(00)}m_{230}^{(22)}-m_{020}^{(20)}m_{002}^{(00)}m_{212}^{(11)}-2m_{020}^{(20)}m_{002}^{(00)}m_{131}^{(20)}$$
$$+2m_{020}^{(20)}m_{002}^{(00)}m_{122}^{(10)}-2m_{020}^{(20)}m_{002}^{(10)}m_{320}^{(22)}+2m_{020}^{(20)}m_{002}^{(10)}m_{302}^{(11)}+4m_{020}^{(20)}m_{002}^{(10)}m_{221}^{(20)}$$
$$-4m_{020}^{(20)}m_{002}^{(10)}m_{212}^{(10)}+m_{020}^{(20)}m_{002}^{(11)}m_{410}^{(22)}-2m_{020}^{(20)}m_{002}^{(11)}m_{311}^{(20)}+m_{020}^{(20)}m_{002}^{(11)}m_{212}^{(00)}$$
$$-2m_{020}^{(20)}m_{002}^{(21)}m_{401}^{(11)}+4m_{020}^{(20)}m_{002}^{(21)}m_{311}^{(10)}-2m_{020}^{(20)}m_{002}^{(21)}m_{221}^{(00)}+m_{020}^{(20)}m_{002}^{(22)}m_{410}^{(11)}$$
$$-2m_{020}^{(20)}m_{002}^{(22)}m_{320}^{(10)}+m_{020}^{(20)}m_{002}^{(22)}m_{230}^{(00)}+2m_{020}^{(21)}m_{011}^{(00)}m_{302}^{(21)}-2m_{020}^{(21)}m_{011}^{(00)}m_{212}^{(20)}$$
$$-2m_{020}^{(21)}m_{011}^{(00)}m_{203}^{(10)}+2m_{020}^{(21)}m_{011}^{(00)}m_{113}^{(00)}-4m_{020}^{(21)}m_{011}^{(20)}m_{401}^{(21)}+4m_{020}^{(21)}m_{011}^{(20)}m_{311}^{(20)}$$
$$+4m_{020}^{(21)}m_{011}^{(20)}m_{302}^{(10)}-4m_{020}^{(21)}m_{011}^{(20)}m_{212}^{(00)}+2m_{020}^{(21)}m_{011}^{(22)}m_{500}^{(21)}-2m_{020}^{(21)}m_{011}^{(22)}m_{410}^{(20)}$$
$$-2m_{020}^{(21)}m_{011}^{(22)}m_{401}^{(10)}+2m_{020}^{(21)}m_{011}^{(22)}m_{311}^{(00)}-m_{020}^{(21)}m_{002}^{(00)}m_{320}^{(22)}-m_{020}^{(21)}m_{002}^{(00)}m_{302}^{(11)}$$
$$+2m_{020}^{(21)}m_{002}^{(00)}m_{221}^{(20)}+2m_{020}^{(21)}m_{002}^{(00)}m_{212}^{(10)}-2m_{020}^{(21)}m_{002}^{(00)}m_{122}^{(00)}+2m_{020}^{(21)}m_{002}^{(10)}m_{410}^{(22)}$$
$$-4m_{020}^{(21)}m_{002}^{(10)}m_{311}^{(20)}+2m_{020}^{(21)}m_{002}^{(10)}m_{212}^{(00)}-m_{020}^{(21)}m_{002}^{(11)}m_{500}^{(22)}+2m_{020}^{(21)}m_{002}^{(11)}m_{401}^{(20)}$$
$$-m_{020}^{(21)}m_{002}^{(11)}m_{302}^{(00)}+2m_{020}^{(21)}m_{002}^{(20)}m_{401}^{(11)}-4m_{020}^{(21)}m_{002}^{(20)}m_{311}^{(10)}+2m_{020}^{(21)}m_{002}^{(20)}m_{221}^{(00)}$$
$$-m_{020}^{(21)}m_{002}^{(22)}m_{500}^{(11)}+2m_{020}^{(21)}m_{002}^{(22)}m_{410}^{(10)}-m_{020}^{(21)}m_{002}^{(22)}m_{320}^{(00)}+m_{020}^{(22)}m_{011}^{(00)}m_{320}^{(22)}$$
$$-2m_{020}^{(22)}m_{011}^{(00)}m_{311}^{(21)}+2m_{020}^{(22)}m_{011}^{(00)}m_{212}^{(10)}-m_{020}^{(22)}m_{011}^{(00)}m_{122}^{(00)}-2m_{020}^{(22)}m_{011}^{(10)}m_{410}^{(22)}$$
$$+2m_{020}^{(22)}m_{011}^{(10)}m_{401}^{(21)}+2m_{020}^{(22)}m_{011}^{(10)}m_{311}^{(20)}-2m_{020}^{(22)}m_{011}^{(10)}m_{302}^{(10)}+m_{020}^{(22)}m_{011}^{(11)}m_{500}^{(22)}$$
$$-2m_{020}^{(22)}m_{011}^{(11)}m_{401}^{(20)}+m_{020}^{(22)}m_{011}^{(11)}m_{302}^{(00)}+2m_{020}^{(22)}m_{011}^{(20)}m_{410}^{(21)}-2m_{020}^{(22)}m_{011}^{(20)}m_{320}^{(20)}$$
$$-2m_{020}^{(22)}m_{011}^{(20)}m_{311}^{(10)}+2m_{020}^{(22)}m_{011}^{(20)}m_{221}^{(00)}-2m_{020}^{(22)}m_{011}^{(21)}m_{500}^{(21)}+2m_{020}^{(22)}m_{011}^{(21)}m_{410}^{(20)}$$
$$+2m_{020}^{(22)}m_{011}^{(21)}m_{401}^{(10)}-2m_{020}^{(22)}m_{011}^{(21)}m_{311}^{(00)}+m_{020}^{(22)}m_{002}^{(00)}m_{311}^{(11)}-2m_{020}^{(22)}m_{002}^{(00)}m_{221}^{(10)}$$
$$+m_{020}^{(22)}m_{002}^{(00)}m_{131}^{(00)}-m_{020}^{(22)}m_{002}^{(10)}m_{401}^{(11)}+2m_{020}^{(22)}m_{002}^{(10)}m_{311}^{(10)}-m_{020}^{(22)}m_{002}^{(10)}m_{221}^{(00)}$$
$$-m_{020}^{(22)}m_{002}^{(20)}m_{410}^{(11)}+2m_{020}^{(22)}m_{002}^{(20)}m_{320}^{(10)}-m_{020}^{(22)}m_{002}^{(20)}m_{230}^{(00)}+m_{020}^{(22)}m_{002}^{(21)}m_{500}^{(11)}$$
$$-2m_{020}^{(22)}m_{002}^{(21)}m_{410}^{(10)}+m_{020}^{(22)}m_{002}^{(21)}m_{320}^{(00)}-2m_{011}^{(00)}m_{002}^{(21)}m_{221}^{(10)}+2m_{011}^{(00)}m_{002}^{(10)}m_{212}^{(11)}$$
$$+2m_{011}^{(00)}m_{002}^{(10)}m_{131}^{(20)}-2m_{011}^{(00)}m_{002}^{(10)}m_{122}^{(10)}+2m_{011}^{(00)}m_{002}^{(11)}m_{311}^{(21)}-m_{011}^{(00)}m_{002}^{(11)}m_{302}^{(11)}$$
$$-2m_{011}^{(00)}m_{002}^{(11)}m_{221}^{(20)}+m_{011}^{(00)}m_{002}^{(11)}m_{122}^{(00)}+2m_{011}^{(00)}m_{002}^{(20)}m_{230}^{(21)}-2m_{011}^{(00)}m_{002}^{(20)}m_{221}^{(11)}$$
$$-2m_{011}^{(00)}m_{002}^{(20)}m_{140}^{(20)}+2m_{011}^{(00)}m_{002}^{(20)}m_{131}^{(10)}-2m_{011}^{(00)}m_{002}^{(21)}m_{320}^{(21)}+2m_{011}^{(00)}m_{002}^{(21)}m_{230}^{(20)}$$
$$+2m_{011}^{(00)}m_{002}^{(21)}m_{221}^{(10)}-2m_{011}^{(00)}m_{002}^{(21)}m_{131}^{(00)}+m_{011}^{(00)}m_{002}^{(22)}m_{320}^{(11)}-2m_{011}^{(00)}m_{002}^{(22)}m_{230}^{(10)}$$
$$+m_{011}^{(00)}m_{002}^{(22)}m_{140}^{(00)}+2m_{011}^{(10)}m_{002}^{(00)}m_{221}^{(21)}-2m_{011}^{(10)}m_{002}^{(00)}m_{212}^{(11)}-2m_{011}^{(10)}m_{002}^{(00)}m_{131}^{(20)}$$
$$+2m_{011}^{(10)}m_{002}^{(00)}m_{122}^{(10)}-2m_{011}^{(10)}m_{002}^{(11)}m_{401}^{(21)}+2m_{011}^{(10)}m_{002}^{(11)}m_{311}^{(20)}+2m_{011}^{(10)}m_{002}^{(11)}m_{302}^{(10)}$$
$$-2m_{011}^{(10)}m_{002}^{(11)}m_{212}^{(00)}-4m_{011}^{(10)}m_{002}^{(20)}m_{320}^{(21)}+4m_{011}^{(10)}m_{002}^{(20)}m_{311}^{(11)}+4m_{011}^{(10)}m_{002}^{(20)}m_{230}^{(20)}$$
$$-4m_{011}^{(10)}m_{002}^{(20)}m_{221}^{(10)}+4m_{011}^{(10)}m_{002}^{(21)}m_{410}^{(21)}-4m_{011}^{(10)}m_{002}^{(21)}m_{320}^{(20)}-4m_{011}^{(10)}m_{002}^{(21)}m_{311}^{(10)}$$
$$+4m_{011}^{(10)}m_{002}^{(21)}m_{221}^{(00)}-2m_{011}^{(10)}m_{002}^{(22)}m_{410}^{(11)}+4m_{011}^{(10)}m_{002}^{(22)}m_{320}^{(10)}-2m_{011}^{(10)}m_{002}^{(22)}m_{230}^{(00)}$$
$$-2m_{011}^{(11)}m_{002}^{(00)}m_{311}^{(21)}+m_{011}^{(11)}m_{002}^{(00)}m_{302}^{(11)}+2m_{011}^{(11)}m_{002}^{(00)}m_{221}^{(20)}-m_{011}^{(11)}m_{002}^{(00)}m_{122}^{(00)}$$
$$+2m_{011}^{(11)}m_{002}^{(10)}m_{401}^{(21)}-2m_{011}^{(11)}m_{002}^{(10)}m_{311}^{(20)}-2m_{011}^{(11)}m_{002}^{(10)}m_{302}^{(10)}+2m_{011}^{(11)}m_{002}^{(10)}m_{212}^{(00)}$$

$$
\begin{aligned}
&+2m_{011}^{(11)}m_{002}^{(20)}m_{410}^{(21)} - 2m_{011}^{(11)}m_{002}^{(20)}m_{401}^{(11)} - 2m_{011}^{(11)}m_{002}^{(20)}m_{320}^{(20)} + 2m_{011}^{(11)}m_{002}^{(20)}m_{311}^{(10)}\\
&-2m_{011}^{(11)}m_{002}^{(21)}m_{500}^{(21)} + 2m_{011}^{(11)}m_{002}^{(21)}m_{410}^{(20)} + 2m_{011}^{(11)}m_{002}^{(21)}m_{401}^{(10)} - 2m_{011}^{(11)}m_{002}^{(21)}m_{311}^{(00)}\\
&+m_{011}^{(11)}m_{002}^{(22)}m_{500}^{(11)} - 2m_{011}^{(11)}m_{002}^{(22)}m_{410}^{(10)} + m_{011}^{(11)}m_{002}^{(22)}m_{320}^{(00)} - 2m_{011}^{(20)}m_{002}^{(00)}m_{230}^{(21)}\\
&+2m_{011}^{(20)}m_{002}^{(00)}m_{221}^{(11)} + 2m_{011}^{(20)}m_{002}^{(00)}m_{140}^{(20)} - 2m_{011}^{(20)}m_{002}^{(00)}m_{131}^{(10)} + 4m_{011}^{(20)}m_{002}^{(10)}m_{320}^{(21)}\\
&-4m_{011}^{(20)}m_{002}^{(10)}m_{311}^{(11)} - 4m_{011}^{(20)}m_{002}^{(10)}m_{230}^{(20)} + 4m_{011}^{(20)}m_{002}^{(10)}m_{221}^{(10)} - 2m_{011}^{(20)}m_{002}^{(11)}m_{410}^{(21)}\\
&+2m_{011}^{(20)}m_{002}^{(11)}m_{401}^{(11)} + 2m_{011}^{(20)}m_{002}^{(11)}m_{320}^{(20)} - 2m_{011}^{(20)}m_{002}^{(11)}m_{311}^{(10)} + 2m_{011}^{(21)}m_{002}^{(00)}m_{320}^{(21)}\\
&-2m_{011}^{(21)}m_{002}^{(00)}m_{230}^{(20)} - 2m_{011}^{(21)}m_{002}^{(00)}m_{221}^{(10)} + 2m_{011}^{(21)}m_{002}^{(00)}m_{131}^{(00)} - 4m_{011}^{(21)}m_{002}^{(10)}m_{410}^{(21)}\\
&+4m_{011}^{(21)}m_{002}^{(10)}m_{320}^{(20)} + 4m_{011}^{(21)}m_{002}^{(10)}m_{311}^{(10)} - 4m_{011}^{(21)}m_{002}^{(10)}m_{221}^{(00)} + 2m_{011}^{(21)}m_{002}^{(11)}m_{500}^{(21)}\\
&-2m_{011}^{(21)}m_{002}^{(11)}m_{410}^{(20)} - 2m_{011}^{(21)}m_{002}^{(11)}m_{401}^{(10)} + 2m_{011}^{(21)}m_{002}^{(11)}m_{311}^{(00)} - m_{011}^{(22)}m_{002}^{(00)}m_{320}^{(11)}\\
&+2m_{011}^{(22)}m_{002}^{(00)}m_{230}^{(10)} - m_{011}^{(22)}m_{002}^{(00)}m_{140}^{(00)} + 2m_{011}^{(22)}m_{002}^{(10)}m_{410}^{(11)} - 4m_{011}^{(22)}m_{002}^{(10)}m_{320}^{(10)}\\
&+2m_{011}^{(22)}m_{002}^{(10)}m_{230}^{(00)} - m_{011}^{(22)}m_{002}^{(11)}m_{500}^{(11)} + 2m_{011}^{(22)}m_{002}^{(11)}m_{410}^{(10)} - m_{011}^{(22)}m_{002}^{(11)}m_{320}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{rrrrr}
V1 & V1 & 1 & 1 & 1\\
1 & 1 & 2 & 2 & V3\\
V2 & V2 & V3 & 3 & 3
\end{array}
$$



$$
\begin{aligned}
T_{174} \;=\;& -m_{200}^{(00)}m_{110}^{(11)}m_{023}^{(22)} + 2m_{200}^{(00)}m_{110}^{(11)}m_{014}^{(21)} - m_{200}^{(00)}m_{110}^{(11)}m_{005}^{(11)} + 2m_{200}^{(00)}m_{110}^{(21)}m_{032}^{(22)}\\
&-4m_{200}^{(00)}m_{110}^{(21)}m_{023}^{(21)} + 2m_{200}^{(00)}m_{110}^{(21)}m_{014}^{(11)} - m_{200}^{(00)}m_{110}^{(22)}m_{041}^{(22)} + 2m_{200}^{(00)}m_{110}^{(22)}m_{032}^{(21)}\\
&-m_{200}^{(00)}m_{110}^{(22)}m_{023}^{(11)} + m_{200}^{(00)}m_{101}^{(11)}m_{032}^{(22)} - 2m_{200}^{(00)}m_{101}^{(11)}m_{023}^{(21)} + m_{200}^{(00)}m_{101}^{(11)}m_{014}^{(11)}\\
&-2m_{200}^{(00)}m_{101}^{(21)}m_{041}^{(22)} + 4m_{200}^{(00)}m_{101}^{(21)}m_{032}^{(21)} - 2m_{200}^{(00)}m_{101}^{(21)}m_{023}^{(11)} + m_{200}^{(00)}m_{101}^{(22)}m_{050}^{(22)}\\
&-2m_{200}^{(00)}m_{101}^{(22)}m_{041}^{(21)} + m_{200}^{(00)}m_{101}^{(22)}m_{032}^{(11)} + m_{200}^{(00)}m_{020}^{(10)}m_{023}^{(22)} - 2m_{200}^{(00)}m_{020}^{(10)}m_{014}^{(21)}\\
&+m_{200}^{(00)}m_{020}^{(10)}m_{005}^{(11)} - m_{200}^{(00)}m_{020}^{(20)}m_{032}^{(22)} + 2m_{200}^{(00)}m_{020}^{(20)}m_{023}^{(21)} - m_{200}^{(00)}m_{020}^{(20)}m_{014}^{(11)}\\
&-m_{200}^{(00)}m_{020}^{(21)}m_{122}^{(22)} + 2m_{200}^{(00)}m_{020}^{(21)}m_{113}^{(21)} - m_{200}^{(00)}m_{020}^{(21)}m_{104}^{(11)} + m_{200}^{(00)}m_{020}^{(22)}m_{131}^{(22)}\\
&-2m_{200}^{(00)}m_{020}^{(22)}m_{122}^{(21)} + m_{200}^{(00)}m_{020}^{(22)}m_{113}^{(11)} - 2m_{200}^{(00)}m_{011}^{(10)}m_{032}^{(22)} + 4m_{200}^{(00)}m_{011}^{(10)}m_{023}^{(21)}\\
&-2m_{200}^{(00)}m_{011}^{(10)}m_{014}^{(11)} + m_{200}^{(00)}m_{011}^{(11)}m_{122}^{(22)} - 2m_{200}^{(00)}m_{011}^{(11)}m_{113}^{(21)} + m_{200}^{(00)}m_{011}^{(11)}m_{104}^{(11)}\\
&+2m_{200}^{(00)}m_{011}^{(20)}m_{041}^{(22)} - 4m_{200}^{(00)}m_{011}^{(20)}m_{032}^{(21)} + 2m_{200}^{(00)}m_{011}^{(20)}m_{023}^{(11)} - m_{200}^{(00)}m_{011}^{(22)}m_{140}^{(22)}\\
&+2m_{200}^{(00)}m_{011}^{(22)}m_{131}^{(21)} - m_{200}^{(00)}m_{011}^{(22)}m_{122}^{(11)} + m_{200}^{(00)}m_{002}^{(10)}m_{041}^{(22)} - 2m_{200}^{(00)}m_{002}^{(10)}m_{032}^{(21)}\\
&+m_{200}^{(00)}m_{002}^{(10)}m_{023}^{(11)} - m_{200}^{(00)}m_{002}^{(11)}m_{131}^{(22)} + 2m_{200}^{(00)}m_{002}^{(11)}m_{122}^{(21)} - m_{200}^{(00)}m_{002}^{(11)}m_{113}^{(11)}
\end{aligned}
$$

$$
\begin{aligned}
&-m_{200}^{(00)}m_{002}^{(20)}m_{050}^{(22)}+2m_{200}^{(00)}m_{002}^{(20)}m_{041}^{(21)}-m_{200}^{(00)}m_{002}^{(20)}m_{032}^{(11)}+m_{200}^{(00)}m_{002}^{(21)}m_{140}^{(22)}\\
&-2m_{200}^{(00)}m_{002}^{(21)}m_{131}^{(21)}+m_{200}^{(00)}m_{002}^{(21)}m_{122}^{(11)}+m_{200}^{(10)}m_{200}^{(11)}m_{023}^{(22)}-2m_{200}^{(10)}m_{200}^{(11)}m_{014}^{(21)}\\
&+m_{200}^{(10)}m_{200}^{(11)}m_{005}^{(11)}-2m_{200}^{(10)}m_{200}^{(21)}m_{032}^{(22)}+4m_{200}^{(10)}m_{200}^{(21)}m_{023}^{(21)}-2m_{200}^{(10)}m_{200}^{(21)}m_{014}^{(11)}\\
&+m_{200}^{(10)}m_{200}^{(22)}m_{041}^{(22)}-2m_{200}^{(10)}m_{200}^{(22)}m_{032}^{(21)}+m_{200}^{(10)}m_{200}^{(22)}m_{023}^{(11)}-2m_{200}^{(10)}m_{110}^{(10)}m_{023}^{(22)}\\
&+4m_{200}^{(10)}m_{110}^{(10)}m_{014}^{(21)}-2m_{200}^{(10)}m_{110}^{(10)}m_{005}^{(11)}+2m_{200}^{(10)}m_{110}^{(11)}m_{113}^{(22)}-2m_{200}^{(10)}m_{110}^{(11)}m_{104}^{(21)}\\
&-2m_{200}^{(10)}m_{110}^{(11)}m_{014}^{(20)}+2m_{200}^{(10)}m_{110}^{(11)}m_{005}^{(10)}+2m_{200}^{(10)}m_{110}^{(20)}m_{032}^{(22)}-4m_{200}^{(10)}m_{110}^{(20)}m_{023}^{(21)}\\
&+2m_{200}^{(10)}m_{110}^{(20)}m_{014}^{(11)}-2m_{200}^{(10)}m_{110}^{(21)}m_{122}^{(22)}+2m_{200}^{(10)}m_{110}^{(21)}m_{104}^{(11)}+4m_{200}^{(10)}m_{110}^{(21)}m_{023}^{(20)}\\
&-4m_{200}^{(10)}m_{110}^{(21)}m_{014}^{(10)}+2m_{200}^{(10)}m_{110}^{(22)}m_{122}^{(21)}-2m_{200}^{(10)}m_{110}^{(22)}m_{113}^{(11)}-2m_{200}^{(10)}m_{110}^{(22)}m_{032}^{(20)}\\
&+2m_{200}^{(10)}m_{110}^{(22)}m_{023}^{(10)}+2m_{200}^{(10)}m_{101}^{(10)}m_{032}^{(22)}-4m_{200}^{(10)}m_{101}^{(10)}m_{023}^{(21)}+2m_{200}^{(10)}m_{101}^{(10)}m_{014}^{(11)}\\
&-4m_{200}^{(10)}m_{101}^{(11)}m_{122}^{(22)}+6m_{200}^{(10)}m_{101}^{(11)}m_{113}^{(21)}-2m_{200}^{(10)}m_{101}^{(11)}m_{104}^{(11)}+2m_{200}^{(10)}m_{101}^{(11)}m_{023}^{(20)}\\
&-2m_{200}^{(10)}m_{101}^{(11)}m_{014}^{(10)}-2m_{200}^{(10)}m_{101}^{(20)}m_{041}^{(22)}+4m_{200}^{(10)}m_{101}^{(20)}m_{032}^{(21)}-2m_{200}^{(10)}m_{101}^{(20)}m_{023}^{(11)}\\
&+6m_{200}^{(10)}m_{101}^{(21)}m_{131}^{(22)}-8m_{200}^{(10)}m_{101}^{(21)}m_{122}^{(21)}+2m_{200}^{(10)}m_{101}^{(21)}m_{113}^{(11)}-4m_{200}^{(10)}m_{101}^{(21)}m_{032}^{(20)}\\
&+4m_{200}^{(10)}m_{101}^{(21)}m_{023}^{(10)}-2m_{200}^{(10)}m_{101}^{(22)}m_{140}^{(22)}+2m_{200}^{(10)}m_{101}^{(22)}m_{131}^{(21)}+2m_{200}^{(10)}m_{101}^{(22)}m_{041}^{(20)}\\
&-2m_{200}^{(10)}m_{101}^{(22)}m_{032}^{(10)}-m_{200}^{(10)}m_{020}^{(11)}m_{203}^{(22)}+2m_{200}^{(10)}m_{020}^{(11)}m_{104}^{(20)}-m_{200}^{(10)}m_{020}^{(11)}m_{005}^{(00)}\\
&+2m_{200}^{(10)}m_{020}^{(21)}m_{212}^{(22)}-4m_{200}^{(10)}m_{020}^{(21)}m_{113}^{(20)}+2m_{200}^{(10)}m_{020}^{(21)}m_{014}^{(00)}-m_{200}^{(10)}m_{020}^{(22)}m_{221}^{(22)}\\
&+2m_{200}^{(10)}m_{020}^{(22)}m_{122}^{(20)}-m_{200}^{(10)}m_{020}^{(22)}m_{023}^{(00)}+2m_{200}^{(10)}m_{011}^{(10)}m_{122}^{(22)}-4m_{200}^{(10)}m_{011}^{(10)}m_{113}^{(21)}\\
&+2m_{200}^{(10)}m_{011}^{(10)}m_{104}^{(11)}+2m_{200}^{(10)}m_{011}^{(11)}m_{203}^{(21)}-2m_{200}^{(10)}m_{011}^{(11)}m_{113}^{(20)}-2m_{200}^{(10)}m_{011}^{(11)}m_{104}^{(10)}\\
&+2m_{200}^{(10)}m_{011}^{(11)}m_{014}^{(00)}-2m_{200}^{(10)}m_{011}^{(20)}m_{131}^{(22)}+4m_{200}^{(10)}m_{011}^{(20)}m_{122}^{(21)}-2m_{200}^{(10)}m_{011}^{(20)}m_{113}^{(11)}\\
&-2m_{200}^{(10)}m_{011}^{(21)}m_{221}^{(22)}-2m_{200}^{(10)}m_{011}^{(21)}m_{203}^{(11)}+4m_{200}^{(10)}m_{011}^{(21)}m_{122}^{(20)}+4m_{200}^{(10)}m_{011}^{(21)}m_{113}^{(10)}\\
&-4m_{200}^{(10)}m_{011}^{(21)}m_{023}^{(00)}+2m_{200}^{(10)}m_{011}^{(22)}m_{230}^{(22)}-2m_{200}^{(10)}m_{011}^{(22)}m_{221}^{(21)}+2m_{200}^{(10)}m_{011}^{(22)}m_{212}^{(11)}\\
&-2m_{200}^{(10)}m_{011}^{(22)}m_{131}^{(20)}-2m_{200}^{(10)}m_{011}^{(22)}m_{122}^{(10)}+2m_{200}^{(10)}m_{011}^{(22)}m_{032}^{(00)}-2m_{200}^{(10)}m_{002}^{(10)}m_{131}^{(22)}\\
&+4m_{200}^{(10)}m_{002}^{(10)}m_{122}^{(21)}-2m_{200}^{(10)}m_{002}^{(10)}m_{113}^{(11)}+2m_{200}^{(10)}m_{002}^{(11)}m_{221}^{(22)}-4m_{200}^{(10)}m_{002}^{(11)}m_{212}^{(21)}\\
&+m_{200}^{(10)}m_{002}^{(11)}m_{203}^{(11)}+2m_{200}^{(10)}m_{002}^{(11)}m_{113}^{(10)}-m_{200}^{(10)}m_{002}^{(11)}m_{023}^{(00)}+2m_{200}^{(10)}m_{002}^{(20)}m_{140}^{(22)}\\
&-4m_{200}^{(10)}m_{002}^{(20)}m_{131}^{(21)}+2m_{200}^{(10)}m_{002}^{(20)}m_{122}^{(11)}-2m_{200}^{(10)}m_{002}^{(21)}m_{230}^{(22)}+4m_{200}^{(10)}m_{002}^{(21)}m_{221}^{(21)}\\
&-4m_{200}^{(10)}m_{002}^{(21)}m_{122}^{(10)}+2m_{200}^{(10)}m_{002}^{(21)}m_{032}^{(00)}-m_{200}^{(10)}m_{002}^{(22)}m_{221}^{(11)}+2m_{200}^{(10)}m_{002}^{(22)}m_{131}^{(10)}\\
&-m_{200}^{(10)}m_{002}^{(22)}m_{041}^{(00)}-(m_{200}^{(11)})^2m_{113}^{(22)}+(m_{200}^{(11)})^2m_{104}^{(21)}+(m_{200}^{(11)})^2m_{014}^{(20)}\\
&-(m_{200}^{(11)})^2m_{005}^{(10)}-m_{200}^{(11)}m_{200}^{(20)}m_{032}^{(22)}+2m_{200}^{(11)}m_{200}^{(20)}m_{023}^{(21)}-m_{200}^{(11)}m_{200}^{(20)}m_{014}^{(11)}\\
&+3m_{200}^{(11)}m_{200}^{(21)}m_{122}^{(22)}-2m_{200}^{(11)}m_{200}^{(21)}m_{113}^{(21)}-m_{200}^{(11)}m_{200}^{(21)}m_{104}^{(11)}-4m_{200}^{(11)}m_{200}^{(21)}m_{023}^{(20)}\\
&+4m_{200}^{(11)}m_{200}^{(21)}m_{014}^{(10)}-m_{200}^{(11)}m_{200}^{(22)}m_{131}^{(22)}+m_{200}^{(11)}m_{200}^{(22)}m_{113}^{(11)}+2m_{200}^{(11)}m_{200}^{(22)}m_{032}^{(20)}\\
&-2m_{200}^{(11)}m_{200}^{(22)}m_{023}^{(10)}+m_{200}^{(11)}m_{110}^{(11)}m_{203}^{(22)}-2m_{200}^{(11)}m_{110}^{(11)}m_{104}^{(20)}+m_{200}^{(11)}m_{110}^{(11)}m_{005}^{(00)}\\
&-2m_{200}^{(11)}m_{110}^{(21)}m_{212}^{(22)}+4m_{200}^{(11)}m_{110}^{(21)}m_{113}^{(20)}-2m_{200}^{(11)}m_{110}^{(21)}m_{014}^{(00)}+m_{200}^{(11)}m_{110}^{(22)}m_{221}^{(22)}\\
&-2m_{200}^{(11)}m_{110}^{(22)}m_{122}^{(20)}+m_{200}^{(11)}m_{110}^{(22)}m_{023}^{(00)}-2m_{200}^{(11)}m_{101}^{(10)}m_{122}^{(22)}+4m_{200}^{(11)}m_{101}^{(10)}m_{113}^{(21)}\\
&-2m_{200}^{(11)}m_{101}^{(10)}m_{104}^{(11)}+3m_{200}^{(11)}m_{101}^{(11)}m_{212}^{(22)}-4m_{200}^{(11)}m_{101}^{(11)}m_{203}^{(21)}-2m_{200}^{(11)}m_{101}^{(11)}m_{113}^{(20)}\\
&+4m_{200}^{(11)}m_{101}^{(11)}m_{104}^{(10)}-m_{200}^{(11)}m_{101}^{(11)}m_{014}^{(00)}+2m_{200}^{(11)}m_{101}^{(20)}m_{131}^{(22)}-4m_{200}^{(11)}m_{101}^{(20)}m_{122}^{(21)}\\
&+2m_{200}^{(11)}m_{101}^{(20)}m_{113}^{(11)}-4m_{200}^{(11)}m_{101}^{(21)}m_{221}^{(22)}+4m_{200}^{(11)}m_{101}^{(21)}m_{212}^{(21)}+2m_{200}^{(11)}m_{101}^{(21)}m_{203}^{(11)}\\
&+4m_{200}^{(11)}m_{101}^{(21)}m_{122}^{(20)}-8m_{200}^{(11)}m_{101}^{(21)}m_{113}^{(10)}+2m_{200}^{(11)}m_{101}^{(21)}m_{023}^{(00)}+m_{200}^{(11)}m_{101}^{(22)}m_{230}^{(22)}\\
&-2m_{200}^{(11)}m_{101}^{(22)}m_{212}^{(11)}-2m_{200}^{(11)}m_{101}^{(22)}m_{131}^{(20)}+4m_{200}^{(11)}m_{101}^{(22)}m_{122}^{(10)}-m_{200}^{(11)}m_{101}^{(22)}m_{032}^{(00)}\\
&-m_{200}^{(11)}m_{011}^{(11)}m_{302}^{(22)}+2m_{200}^{(11)}m_{011}^{(11)}m_{203}^{(20)}-m_{200}^{(11)}m_{011}^{(11)}m_{104}^{(00)}+2m_{200}^{(11)}m_{011}^{(21)}m_{311}^{(22)}
\end{aligned}
$$

$$-4m_{200}^{(11)}m_{011}^{(21)}m_{212}^{(20)}+2m_{200}^{(11)}m_{011}^{(21)}m_{113}^{(00)}-m_{200}^{(11)}m_{011}^{(22)}m_{320}^{(22)}+2m_{200}^{(11)}m_{011}^{(22)}m_{221}^{(20)}$$
$$-m_{200}^{(11)}m_{011}^{(22)}m_{122}^{(00)}+m_{200}^{(11)}m_{002}^{(10)}m_{221}^{(22)}-2m_{200}^{(11)}m_{002}^{(10)}m_{212}^{(21)}+m_{200}^{(11)}m_{002}^{(10)}m_{203}^{(11)}$$
$$-m_{200}^{(11)}m_{002}^{(11)}m_{311}^{(22)}+2m_{200}^{(11)}m_{002}^{(11)}m_{302}^{(21)}-2m_{200}^{(11)}m_{002}^{(11)}m_{203}^{(10)}+m_{200}^{(11)}m_{002}^{(11)}m_{113}^{(00)}$$
$$-m_{200}^{(11)}m_{002}^{(20)}m_{230}^{(22)}+2m_{200}^{(11)}m_{002}^{(20)}m_{221}^{(21)}-m_{200}^{(11)}m_{002}^{(20)}m_{212}^{(11)}+m_{200}^{(11)}m_{002}^{(21)}m_{320}^{(22)}$$
$$-2m_{200}^{(11)}m_{002}^{(21)}m_{311}^{(21)}-m_{200}^{(11)}m_{002}^{(21)}m_{302}^{(11)}+4m_{200}^{(11)}m_{002}^{(21)}m_{212}^{(10)}-2m_{200}^{(11)}m_{002}^{(21)}m_{122}^{(00)}$$
$$+m_{200}^{(11)}m_{002}^{(22)}m_{311}^{(11)}-2m_{200}^{(11)}m_{002}^{(22)}m_{221}^{(10)}+m_{200}^{(11)}m_{002}^{(22)}m_{131}^{(00)}+2m_{200}^{(20)}m_{200}^{(21)}m_{041}^{(22)}$$
$$-4m_{200}^{(20)}m_{200}^{(21)}m_{032}^{(21)}+2m_{200}^{(20)}m_{200}^{(21)}m_{023}^{(11)}-m_{200}^{(20)}m_{200}^{(22)}m_{050}^{(22)}+2m_{200}^{(20)}m_{200}^{(22)}m_{041}^{(21)}$$
$$-m_{200}^{(20)}m_{200}^{(22)}m_{032}^{(11)}+2m_{200}^{(20)}m_{110}^{(10)}m_{032}^{(22)}-4m_{200}^{(20)}m_{110}^{(10)}m_{023}^{(21)}+2m_{200}^{(20)}m_{110}^{(10)}m_{014}^{(11)}$$
$$-2m_{200}^{(20)}m_{110}^{(11)}m_{113}^{(21)}+2m_{200}^{(20)}m_{110}^{(11)}m_{104}^{(11)}+2m_{200}^{(20)}m_{110}^{(11)}m_{023}^{(20)}-2m_{200}^{(20)}m_{110}^{(11)}m_{014}^{(10)}$$
$$-2m_{200}^{(20)}m_{110}^{(20)}m_{041}^{(22)}+4m_{200}^{(20)}m_{110}^{(20)}m_{032}^{(21)}-2m_{200}^{(20)}m_{110}^{(20)}m_{023}^{(11)}-2m_{200}^{(20)}m_{110}^{(21)}m_{131}^{(22)}$$
$$+8m_{200}^{(20)}m_{110}^{(21)}m_{122}^{(21)}-6m_{200}^{(20)}m_{110}^{(21)}m_{113}^{(11)}-4m_{200}^{(20)}m_{110}^{(21)}m_{032}^{(20)}+4m_{200}^{(20)}m_{110}^{(21)}m_{023}^{(10)}$$
$$+2m_{200}^{(20)}m_{110}^{(22)}m_{140}^{(22)}-6m_{200}^{(20)}m_{110}^{(22)}m_{131}^{(21)}+4m_{200}^{(20)}m_{110}^{(22)}m_{122}^{(11)}+2m_{200}^{(20)}m_{110}^{(22)}m_{041}^{(20)}$$
$$-2m_{200}^{(20)}m_{110}^{(22)}m_{032}^{(10)}-2m_{200}^{(20)}m_{101}^{(10)}m_{041}^{(22)}+4m_{200}^{(20)}m_{101}^{(10)}m_{032}^{(21)}-2m_{200}^{(20)}m_{101}^{(10)}m_{023}^{(11)}$$
$$+2m_{200}^{(20)}m_{101}^{(11)}m_{131}^{(22)}-2m_{200}^{(20)}m_{101}^{(11)}m_{122}^{(21)}-2m_{200}^{(20)}m_{101}^{(11)}m_{032}^{(20)}+2m_{200}^{(20)}m_{101}^{(11)}m_{023}^{(10)}$$
$$+2m_{200}^{(20)}m_{101}^{(20)}m_{050}^{(22)}-4m_{200}^{(20)}m_{101}^{(20)}m_{041}^{(21)}+2m_{200}^{(20)}m_{101}^{(20)}m_{032}^{(11)}-2m_{200}^{(20)}m_{101}^{(21)}m_{140}^{(22)}$$
$$+2m_{200}^{(20)}m_{101}^{(21)}m_{122}^{(11)}+4m_{200}^{(20)}m_{101}^{(21)}m_{041}^{(20)}-4m_{200}^{(20)}m_{101}^{(21)}m_{032}^{(10)}+2m_{200}^{(20)}m_{101}^{(22)}m_{140}^{(21)}$$
$$-2m_{200}^{(20)}m_{101}^{(22)}m_{131}^{(11)}-2m_{200}^{(20)}m_{101}^{(22)}m_{050}^{(20)}+2m_{200}^{(20)}m_{101}^{(22)}m_{041}^{(10)}-2m_{200}^{(20)}m_{020}^{(10)}m_{122}^{(22)}$$
$$+4m_{200}^{(20)}m_{020}^{(10)}m_{113}^{(21)}-2m_{200}^{(20)}m_{020}^{(10)}m_{104}^{(11)}+m_{200}^{(20)}m_{020}^{(11)}m_{212}^{(22)}-2m_{200}^{(20)}m_{020}^{(11)}m_{113}^{(20)}$$
$$+m_{200}^{(20)}m_{020}^{(11)}m_{014}^{(00)}+2m_{200}^{(20)}m_{020}^{(20)}m_{131}^{(22)}-4m_{200}^{(20)}m_{020}^{(20)}m_{122}^{(21)}+2m_{200}^{(20)}m_{020}^{(20)}m_{113}^{(11)}$$
$$-4m_{200}^{(20)}m_{020}^{(21)}m_{212}^{(21)}+2m_{200}^{(20)}m_{020}^{(21)}m_{203}^{(11)}+4m_{200}^{(20)}m_{020}^{(21)}m_{122}^{(20)}-2m_{200}^{(20)}m_{020}^{(21)}m_{023}^{(00)}$$
$$-m_{200}^{(20)}m_{020}^{(22)}m_{230}^{(22)}+4m_{200}^{(20)}m_{020}^{(22)}m_{221}^{(21)}-2m_{200}^{(20)}m_{020}^{(22)}m_{212}^{(11)}-2m_{200}^{(20)}m_{020}^{(22)}m_{131}^{(20)}$$
$$+m_{200}^{(20)}m_{020}^{(22)}m_{032}^{(00)}+2m_{200}^{(20)}m_{011}^{(10)}m_{131}^{(22)}-4m_{200}^{(20)}m_{011}^{(10)}m_{122}^{(21)}+2m_{200}^{(20)}m_{011}^{(10)}m_{113}^{(11)}$$
$$-2m_{200}^{(20)}m_{011}^{(11)}m_{221}^{(22)}+2m_{200}^{(20)}m_{011}^{(11)}m_{212}^{(21)}-2m_{200}^{(20)}m_{011}^{(11)}m_{203}^{(11)}+2m_{200}^{(20)}m_{011}^{(11)}m_{122}^{(20)}$$
$$+2m_{200}^{(20)}m_{011}^{(11)}m_{113}^{(10)}-2m_{200}^{(20)}m_{011}^{(11)}m_{023}^{(00)}-2m_{200}^{(20)}m_{011}^{(20)}m_{140}^{(22)}+4m_{200}^{(20)}m_{011}^{(20)}m_{131}^{(21)}$$
$$-2m_{200}^{(20)}m_{011}^{(20)}m_{122}^{(11)}+2m_{200}^{(20)}m_{011}^{(21)}m_{230}^{(22)}+2m_{200}^{(20)}m_{011}^{(21)}m_{212}^{(11)}-4m_{200}^{(20)}m_{011}^{(21)}m_{131}^{(20)}$$
$$-4m_{200}^{(20)}m_{011}^{(21)}m_{122}^{(10)}+4m_{200}^{(20)}m_{011}^{(21)}m_{032}^{(00)}-2m_{200}^{(20)}m_{011}^{(22)}m_{230}^{(21)}+2m_{200}^{(20)}m_{011}^{(22)}m_{140}^{(20)}$$
$$+2m_{200}^{(20)}m_{011}^{(22)}m_{131}^{(10)}-2m_{200}^{(20)}m_{011}^{(22)}m_{041}^{(00)}+m_{200}^{(20)}m_{002}^{(11)}m_{212}^{(11)}-2m_{200}^{(20)}m_{002}^{(11)}m_{122}^{(10)}$$
$$+m_{200}^{(20)}m_{002}^{(11)}m_{032}^{(00)}-2m_{200}^{(20)}m_{002}^{(21)}m_{221}^{(11)}+4m_{200}^{(20)}m_{002}^{(21)}m_{131}^{(10)}-2m_{200}^{(20)}m_{002}^{(21)}m_{041}^{(00)}$$
$$+m_{200}^{(20)}m_{002}^{(22)}m_{230}^{(11)}-2m_{200}^{(20)}m_{002}^{(22)}m_{140}^{(10)}+m_{200}^{(20)}m_{002}^{(22)}m_{050}^{(00)}-2(m_{200}^{(21)})^2m_{131}^{(22)}$$
$$+2(m_{200}^{(21)})^2m_{113}^{(11)}+4(m_{200}^{(21)})^2m_{032}^{(20)}-4(m_{200}^{(21)})^2m_{023}^{(10)}+m_{200}^{(21)}m_{200}^{(22)}m_{140}^{(22)}$$
$$+2m_{200}^{(21)}m_{200}^{(22)}m_{131}^{(21)}-3m_{200}^{(21)}m_{200}^{(22)}m_{122}^{(11)}-4m_{200}^{(21)}m_{200}^{(22)}m_{041}^{(20)}+4m_{200}^{(21)}m_{200}^{(22)}m_{032}^{(10)}$$
$$+2m_{200}^{(21)}m_{110}^{(10)}m_{122}^{(22)}-4m_{200}^{(21)}m_{110}^{(10)}m_{113}^{(21)}+2m_{200}^{(21)}m_{110}^{(10)}m_{104}^{(11)}-4m_{200}^{(21)}m_{110}^{(11)}m_{212}^{(22)}$$
$$+2m_{200}^{(21)}m_{110}^{(11)}m_{203}^{(21)}+6m_{200}^{(21)}m_{110}^{(11)}m_{113}^{(20)}-2m_{200}^{(21)}m_{110}^{(11)}m_{104}^{(10)}-2m_{200}^{(21)}m_{110}^{(11)}m_{014}^{(00)}$$
$$-2m_{200}^{(21)}m_{110}^{(20)}m_{131}^{(22)}+4m_{200}^{(21)}m_{110}^{(20)}m_{122}^{(21)}-2m_{200}^{(21)}m_{110}^{(20)}m_{113}^{(11)}+6m_{200}^{(21)}m_{110}^{(21)}m_{221}^{(22)}$$
$$-2m_{200}^{(21)}m_{110}^{(21)}m_{203}^{(11)}-12m_{200}^{(21)}m_{110}^{(21)}m_{122}^{(20)}+4m_{200}^{(21)}m_{110}^{(21)}m_{113}^{(10)}+4m_{200}^{(21)}m_{110}^{(21)}m_{023}^{(00)}$$
$$-2m_{200}^{(21)}m_{110}^{(22)}m_{230}^{(22)}-2m_{200}^{(21)}m_{110}^{(22)}m_{221}^{(21)}+2m_{200}^{(21)}m_{110}^{(22)}m_{212}^{(11)}+6m_{200}^{(21)}m_{110}^{(22)}m_{131}^{(20)}$$
$$-2m_{200}^{(21)}m_{110}^{(22)}m_{122}^{(10)}-2m_{200}^{(21)}m_{110}^{(22)}m_{032}^{(00)}+2m_{200}^{(21)}m_{101}^{(10)}m_{131}^{(22)}-4m_{200}^{(21)}m_{101}^{(10)}m_{122}^{(21)}$$
$$+2m_{200}^{(21)}m_{101}^{(10)}m_{113}^{(11)}-2m_{200}^{(21)}m_{101}^{(11)}m_{221}^{(22)}+2m_{200}^{(21)}m_{101}^{(11)}m_{212}^{(21)}+2m_{200}^{(21)}m_{101}^{(11)}m_{203}^{(11)}$$

$$+2m_{200}^{(21)}m_{101}^{(11)}m_{122}^{(20)} - 6m_{200}^{(21)}m_{101}^{(11)}m_{113}^{(10)} + 2m_{200}^{(21)}m_{101}^{(11)}m_{023}^{(00)} - 2m_{200}^{(21)}m_{101}^{(20)}m_{140}^{(22)}$$
$$+4m_{200}^{(21)}m_{101}^{(20)}m_{131}^{(21)} - 2m_{200}^{(21)}m_{101}^{(20)}m_{122}^{(11)} + 2m_{200}^{(21)}m_{101}^{(21)}m_{230}^{(22)} - 6m_{200}^{(21)}m_{101}^{(21)}m_{212}^{(11)}$$
$$-4m_{200}^{(21)}m_{101}^{(21)}m_{131}^{(20)} + 12m_{200}^{(21)}m_{101}^{(21)}m_{122}^{(10)} - 4m_{200}^{(21)}m_{101}^{(21)}m_{032}^{(00)} - 2m_{200}^{(21)}m_{101}^{(22)}m_{230}^{(21)}$$
$$+4m_{200}^{(21)}m_{101}^{(22)}m_{221}^{(11)} + 2m_{200}^{(21)}m_{101}^{(22)}m_{140}^{(20)} - 6m_{200}^{(21)}m_{101}^{(22)}m_{131}^{(10)} + 2m_{200}^{(21)}m_{101}^{(22)}m_{041}^{(00)}$$
$$+m_{200}^{(21)}m_{020}^{(11)}m_{302}^{(22)} - 2m_{200}^{(21)}m_{020}^{(11)}m_{203}^{(20)} + m_{200}^{(21)}m_{020}^{(11)}m_{104}^{(00)} - 2m_{200}^{(21)}m_{020}^{(21)}m_{311}^{(22)}$$
$$+4m_{200}^{(21)}m_{020}^{(21)}m_{212}^{(20)} - 2m_{200}^{(21)}m_{020}^{(21)}m_{113}^{(00)} + m_{200}^{(21)}m_{020}^{(22)}m_{320}^{(22)} - 2m_{200}^{(21)}m_{020}^{(22)}m_{221}^{(20)}$$
$$+m_{200}^{(21)}m_{020}^{(22)}m_{122}^{(00)} - 2m_{200}^{(21)}m_{011}^{(10)}m_{221}^{(22)} + 4m_{200}^{(21)}m_{011}^{(10)}m_{212}^{(21)} - 2m_{200}^{(21)}m_{011}^{(10)}m_{203}^{(11)}$$
$$+2m_{200}^{(21)}m_{011}^{(11)}m_{311}^{(22)} - 2m_{200}^{(21)}m_{011}^{(11)}m_{302}^{(21)} - 2m_{200}^{(21)}m_{011}^{(11)}m_{212}^{(20)} + 2m_{200}^{(21)}m_{011}^{(11)}m_{203}^{(10)}$$
$$+2m_{200}^{(21)}m_{011}^{(20)}m_{230}^{(22)} - 4m_{200}^{(21)}m_{011}^{(20)}m_{221}^{(21)} + 2m_{200}^{(21)}m_{011}^{(20)}m_{212}^{(11)} - 2m_{200}^{(21)}m_{011}^{(21)}m_{320}^{(22)}$$
$$+2m_{200}^{(21)}m_{011}^{(21)}m_{302}^{(11)} + 4m_{200}^{(21)}m_{011}^{(21)}m_{221}^{(20)} - 4m_{200}^{(21)}m_{011}^{(21)}m_{212}^{(10)} + 2m_{200}^{(21)}m_{011}^{(22)}m_{320}^{(21)}$$
$$-2m_{200}^{(21)}m_{011}^{(22)}m_{311}^{(11)} - 2m_{200}^{(21)}m_{011}^{(22)}m_{230}^{(20)} + 2m_{200}^{(21)}m_{011}^{(22)}m_{221}^{(10)} - m_{200}^{(21)}m_{002}^{(11)}m_{302}^{(11)}$$
$$+2m_{200}^{(21)}m_{002}^{(11)}m_{212}^{(10)} - m_{200}^{(21)}m_{002}^{(11)}m_{122}^{(00)} + 2m_{200}^{(21)}m_{002}^{(21)}m_{311}^{(11)} - 4m_{200}^{(21)}m_{002}^{(21)}m_{221}^{(10)}$$
$$+2m_{200}^{(21)}m_{002}^{(21)}m_{131}^{(00)} - m_{200}^{(21)}m_{002}^{(22)}m_{320}^{(11)} + 2m_{200}^{(21)}m_{002}^{(22)}m_{230}^{(10)} - m_{200}^{(21)}m_{002}^{(22)}m_{140}^{(00)}$$
$$-(m_{200}^{(22)})^2m_{140}^{(21)} + (m_{200}^{(22)})^2m_{131}^{(11)} + (m_{200}^{(22)})^2m_{050}^{(20)} - (m_{200}^{(22)})^2m_{041}^{(10)}$$
$$-2m_{200}^{(22)}m_{110}^{(10)}m_{131}^{(22)} + 4m_{200}^{(22)}m_{110}^{(10)}m_{122}^{(21)} - 2m_{200}^{(22)}m_{110}^{(10)}m_{113}^{(11)} + 2m_{200}^{(22)}m_{110}^{(11)}m_{221}^{(22)}$$
$$-m_{200}^{(22)}m_{110}^{(11)}m_{203}^{(11)} - 4m_{200}^{(22)}m_{110}^{(11)}m_{122}^{(20)} + 2m_{200}^{(22)}m_{110}^{(11)}m_{113}^{(10)} + m_{200}^{(22)}m_{110}^{(11)}m_{023}^{(00)}$$
$$+2m_{200}^{(22)}m_{110}^{(20)}m_{140}^{(22)} - 4m_{200}^{(22)}m_{110}^{(20)}m_{131}^{(21)} + 2m_{200}^{(22)}m_{110}^{(20)}m_{122}^{(11)} - 2m_{200}^{(22)}m_{110}^{(21)}m_{230}^{(22)}$$
$$-4m_{200}^{(22)}m_{110}^{(21)}m_{221}^{(21)} + 4m_{200}^{(22)}m_{110}^{(21)}m_{212}^{(11)} + 8m_{200}^{(22)}m_{110}^{(21)}m_{131}^{(20)} - 4m_{200}^{(22)}m_{110}^{(21)}m_{122}^{(10)}$$
$$-2m_{200}^{(22)}m_{110}^{(21)}m_{032}^{(00)} + 4m_{200}^{(22)}m_{110}^{(22)}m_{230}^{(21)} - 3m_{200}^{(22)}m_{110}^{(22)}m_{221}^{(11)} - 4m_{200}^{(22)}m_{110}^{(22)}m_{140}^{(20)}$$
$$+2m_{200}^{(22)}m_{110}^{(22)}m_{131}^{(10)} + m_{200}^{(22)}m_{110}^{(22)}m_{041}^{(00)} - m_{200}^{(22)}m_{101}^{(11)}m_{212}^{(11)} + 2m_{200}^{(22)}m_{101}^{(11)}m_{122}^{(10)}$$
$$-m_{200}^{(22)}m_{101}^{(11)}m_{032}^{(00)} + 2m_{200}^{(22)}m_{101}^{(21)}m_{221}^{(11)} - 4m_{200}^{(22)}m_{101}^{(21)}m_{131}^{(10)} + 2m_{200}^{(22)}m_{101}^{(21)}m_{041}^{(00)}$$
$$-m_{200}^{(22)}m_{101}^{(22)}m_{230}^{(11)} + 2m_{200}^{(22)}m_{101}^{(22)}m_{140}^{(10)} - m_{200}^{(22)}m_{101}^{(22)}m_{050}^{(00)} + m_{200}^{(22)}m_{020}^{(10)}m_{221}^{(22)}$$
$$-2m_{200}^{(22)}m_{020}^{(10)}m_{212}^{(21)} + m_{200}^{(22)}m_{020}^{(10)}m_{203}^{(11)} - m_{200}^{(22)}m_{020}^{(11)}m_{311}^{(22)} + 2m_{200}^{(22)}m_{020}^{(11)}m_{212}^{(20)}$$
$$-m_{200}^{(22)}m_{020}^{(11)}m_{113}^{(00)} - m_{200}^{(22)}m_{020}^{(20)}m_{230}^{(22)} + 2m_{200}^{(22)}m_{020}^{(20)}m_{221}^{(21)} - m_{200}^{(22)}m_{020}^{(20)}m_{212}^{(11)}$$
$$+m_{200}^{(22)}m_{020}^{(21)}m_{320}^{(22)} + 2m_{200}^{(22)}m_{020}^{(21)}m_{311}^{(21)} - m_{200}^{(22)}m_{020}^{(21)}m_{302}^{(11)} - 4m_{200}^{(22)}m_{020}^{(21)}m_{221}^{(20)}$$
$$+2m_{200}^{(22)}m_{020}^{(21)}m_{122}^{(00)} - 2m_{200}^{(22)}m_{020}^{(22)}m_{320}^{(21)} + m_{200}^{(22)}m_{020}^{(22)}m_{311}^{(11)} + 2m_{200}^{(22)}m_{020}^{(22)}m_{230}^{(20)}$$
$$-m_{200}^{(22)}m_{020}^{(22)}m_{131}^{(00)} + m_{200}^{(22)}m_{011}^{(11)}m_{302}^{(11)} - 2m_{200}^{(22)}m_{011}^{(11)}m_{212}^{(10)} + m_{200}^{(22)}m_{011}^{(11)}m_{122}^{(00)}$$
$$-2m_{200}^{(22)}m_{011}^{(21)}m_{311}^{(11)} + 4m_{200}^{(22)}m_{011}^{(21)}m_{221}^{(10)} - 2m_{200}^{(22)}m_{011}^{(21)}m_{131}^{(00)} + m_{200}^{(22)}m_{011}^{(22)}m_{320}^{(11)}$$
$$-2m_{200}^{(22)}m_{011}^{(22)}m_{230}^{(10)} + m_{200}^{(22)}m_{011}^{(22)}m_{140}^{(00)} + 2m_{110}^{(00)}m_{110}^{(10)}m_{023}^{(22)} - 4m_{110}^{(00)}m_{110}^{(10)}m_{014}^{(21)}$$
$$+2m_{110}^{(00)}m_{110}^{(10)}m_{005}^{(11)} - 2m_{110}^{(00)}m_{110}^{(20)}m_{032}^{(22)} + 4m_{110}^{(00)}m_{110}^{(20)}m_{023}^{(21)} - 2m_{110}^{(00)}m_{110}^{(20)}m_{014}^{(11)}$$
$$-2m_{110}^{(00)}m_{110}^{(21)}m_{122}^{(22)} + 4m_{110}^{(00)}m_{110}^{(21)}m_{113}^{(21)} - 2m_{110}^{(00)}m_{110}^{(21)}m_{104}^{(11)} + 2m_{110}^{(00)}m_{110}^{(22)}m_{131}^{(22)}$$
$$-4m_{110}^{(00)}m_{110}^{(22)}m_{122}^{(21)} + 2m_{110}^{(00)}m_{110}^{(22)}m_{113}^{(11)} - 2m_{110}^{(00)}m_{101}^{(10)}m_{032}^{(22)} + 4m_{110}^{(00)}m_{101}^{(10)}m_{023}^{(21)}$$
$$-2m_{110}^{(00)}m_{101}^{(10)}m_{014}^{(11)} + 2m_{110}^{(00)}m_{101}^{(20)}m_{041}^{(22)} - 4m_{110}^{(00)}m_{101}^{(20)}m_{032}^{(21)} + 2m_{110}^{(00)}m_{101}^{(20)}m_{023}^{(11)}$$
$$+2m_{110}^{(00)}m_{101}^{(21)}m_{131}^{(22)} - 4m_{110}^{(00)}m_{101}^{(21)}m_{122}^{(21)} + 2m_{110}^{(00)}m_{101}^{(21)}m_{113}^{(11)} - 2m_{110}^{(00)}m_{101}^{(22)}m_{140}^{(22)}$$
$$+4m_{110}^{(00)}m_{101}^{(22)}m_{131}^{(21)} - 2m_{110}^{(00)}m_{101}^{(22)}m_{122}^{(11)} - m_{110}^{(00)}m_{020}^{(00)}m_{023}^{(22)} + 2m_{110}^{(00)}m_{020}^{(00)}m_{014}^{(21)}$$
$$-m_{110}^{(00)}m_{020}^{(00)}m_{005}^{(11)} - 2m_{110}^{(00)}m_{020}^{(10)}m_{113}^{(22)} + 2m_{110}^{(00)}m_{020}^{(10)}m_{104}^{(21)} + 2m_{110}^{(00)}m_{020}^{(10)}m_{014}^{(20)}$$
$$-2m_{110}^{(00)}m_{020}^{(10)}m_{005}^{(10)} + m_{110}^{(00)}m_{020}^{(11)}m_{203}^{(22)} - 2m_{110}^{(00)}m_{020}^{(11)}m_{104}^{(20)} + m_{110}^{(00)}m_{020}^{(11)}m_{005}^{(00)}$$
$$+4m_{110}^{(00)}m_{020}^{(20)}m_{122}^{(22)} - 6m_{110}^{(00)}m_{020}^{(20)}m_{113}^{(21)} + 2m_{110}^{(00)}m_{020}^{(20)}m_{104}^{(11)} - 2m_{110}^{(00)}m_{020}^{(20)}m_{023}^{(20)}$$

$$
\begin{aligned}
&+2m_{110}^{(00)}m_{020}^{(20)}m_{014}^{(10)} - 2m_{110}^{(00)}m_{020}^{(21)}m_{203}^{(21)} + 2m_{110}^{(00)}m_{020}^{(21)}m_{113}^{(20)} + 2m_{110}^{(00)}m_{020}^{(21)}m_{104}^{(10)}\\
&-2m_{110}^{(00)}m_{020}^{(21)}m_{014}^{(00)} - 2m_{110}^{(00)}m_{020}^{(22)}m_{221}^{(22)} + 4m_{110}^{(00)}m_{020}^{(22)}m_{212}^{(21)} - m_{110}^{(00)}m_{020}^{(22)}m_{203}^{(11)}\\
&-2m_{110}^{(00)}m_{020}^{(22)}m_{113}^{(10)} + m_{110}^{(00)}m_{020}^{(22)}m_{023}^{(00)} + 2m_{110}^{(00)}m_{011}^{(00)}m_{032}^{(22)} - 4m_{110}^{(00)}m_{011}^{(00)}m_{023}^{(21)}\\
&+2m_{110}^{(00)}m_{011}^{(00)}m_{014}^{(11)} + 2m_{110}^{(00)}m_{011}^{(10)}m_{122}^{(22)} - 2m_{110}^{(00)}m_{011}^{(10)}m_{104}^{(11)} - 4m_{110}^{(00)}m_{011}^{(10)}m_{023}^{(20)}\\
&+4m_{110}^{(00)}m_{011}^{(10)}m_{014}^{(10)} - 2m_{110}^{(00)}m_{011}^{(11)}m_{212}^{(22)} + 4m_{110}^{(00)}m_{011}^{(11)}m_{113}^{(20)} - 2m_{110}^{(00)}m_{011}^{(11)}m_{014}^{(00)}\\
&-6m_{110}^{(00)}m_{011}^{(20)}m_{131}^{(22)} + 8m_{110}^{(00)}m_{011}^{(20)}m_{122}^{(21)} - 2m_{110}^{(00)}m_{011}^{(20)}m_{113}^{(11)} + 4m_{110}^{(00)}m_{011}^{(20)}m_{032}^{(20)}\\
&-4m_{110}^{(00)}m_{011}^{(20)}m_{023}^{(10)} + 2m_{110}^{(00)}m_{011}^{(21)}m_{221}^{(22)} + 2m_{110}^{(00)}m_{011}^{(21)}m_{203}^{(11)} - 4m_{110}^{(00)}m_{011}^{(21)}m_{122}^{(20)}\\
&-4m_{110}^{(00)}m_{011}^{(21)}m_{113}^{(10)} + 4m_{110}^{(00)}m_{011}^{(21)}m_{023}^{(00)} + 2m_{110}^{(00)}m_{011}^{(22)}m_{230}^{(22)} - 4m_{110}^{(00)}m_{011}^{(22)}m_{221}^{(21)}\\
&+4m_{110}^{(00)}m_{011}^{(22)}m_{122}^{(10)} - 2m_{110}^{(00)}m_{011}^{(22)}m_{032}^{(00)} - m_{110}^{(00)}m_{002}^{(00)}m_{041}^{(22)} + 2m_{110}^{(00)}m_{002}^{(00)}m_{032}^{(21)}\\
&-m_{110}^{(00)}m_{002}^{(00)}m_{023}^{(11)} - 2m_{110}^{(00)}m_{002}^{(10)}m_{122}^{(21)} + 2m_{110}^{(00)}m_{002}^{(10)}m_{113}^{(11)} + 2m_{110}^{(00)}m_{002}^{(10)}m_{032}^{(20)}\\
&-2m_{110}^{(00)}m_{002}^{(10)}m_{023}^{(10)} + m_{110}^{(00)}m_{002}^{(11)}m_{221}^{(22)} - 2m_{110}^{(00)}m_{002}^{(11)}m_{122}^{(20)} + m_{110}^{(00)}m_{002}^{(11)}m_{023}^{(00)}\\
&+2m_{110}^{(00)}m_{002}^{(20)}m_{140}^{(22)} - 2m_{110}^{(00)}m_{002}^{(20)}m_{131}^{(21)} - 2m_{110}^{(00)}m_{002}^{(20)}m_{041}^{(20)} + 2m_{110}^{(00)}m_{002}^{(20)}m_{032}^{(10)}\\
&-2m_{110}^{(00)}m_{002}^{(21)}m_{230}^{(22)} + 2m_{110}^{(00)}m_{002}^{(21)}m_{221}^{(21)} - 2m_{110}^{(00)}m_{002}^{(21)}m_{212}^{(11)} + 2m_{110}^{(00)}m_{002}^{(21)}m_{131}^{(20)}\\
&+2m_{110}^{(00)}m_{002}^{(21)}m_{122}^{(10)} - 2m_{110}^{(00)}m_{002}^{(21)}m_{032}^{(00)} + m_{110}^{(00)}m_{002}^{(22)}m_{221}^{(11)} - 2m_{110}^{(00)}m_{002}^{(22)}m_{131}^{(10)}\\
&+m_{110}^{(00)}m_{002}^{(22)}m_{041}^{(00)} - 2m_{110}^{(10)}m_{110}^{(11)}m_{203}^{(22)} + 4m_{110}^{(10)}m_{110}^{(11)}m_{104}^{(20)} - 2m_{110}^{(10)}m_{110}^{(11)}m_{005}^{(00)}\\
&-4m_{110}^{(10)}m_{110}^{(20)}m_{122}^{(22)} + 8m_{110}^{(10)}m_{110}^{(20)}m_{113}^{(21)} - 4m_{110}^{(10)}m_{110}^{(20)}m_{104}^{(11)} + 4m_{110}^{(10)}m_{110}^{(21)}m_{212}^{(22)}\\
&-8m_{110}^{(10)}m_{110}^{(21)}m_{113}^{(20)} + 4m_{110}^{(10)}m_{110}^{(21)}m_{014}^{(00)} - 4m_{110}^{(10)}m_{110}^{(22)}m_{212}^{(21)} + 2m_{110}^{(10)}m_{110}^{(22)}m_{203}^{(11)}\\
&+4m_{110}^{(10)}m_{110}^{(22)}m_{122}^{(20)} - 2m_{110}^{(10)}m_{110}^{(22)}m_{023}^{(00)} - 2m_{110}^{(10)}m_{101}^{(00)}m_{032}^{(22)} + 4m_{110}^{(10)}m_{101}^{(00)}m_{023}^{(21)}\\
&-2m_{110}^{(10)}m_{101}^{(00)}m_{014}^{(11)} + 4m_{110}^{(10)}m_{101}^{(10)}m_{122}^{(22)} - 8m_{110}^{(10)}m_{101}^{(10)}m_{113}^{(21)} + 4m_{110}^{(10)}m_{101}^{(10)}m_{104}^{(11)}\\
&+2m_{110}^{(10)}m_{101}^{(11)}m_{212}^{(22)} - 4m_{110}^{(10)}m_{101}^{(11)}m_{113}^{(20)} + 2m_{110}^{(10)}m_{101}^{(11)}m_{014}^{(00)} - 8m_{110}^{(10)}m_{101}^{(21)}m_{221}^{(22)}\\
&+8m_{110}^{(10)}m_{101}^{(21)}m_{212}^{(21)} - 4m_{110}^{(10)}m_{101}^{(21)}m_{203}^{(11)} + 8m_{110}^{(10)}m_{101}^{(21)}m_{122}^{(20)} - 4m_{110}^{(10)}m_{101}^{(21)}m_{023}^{(00)}\\
&+4m_{110}^{(10)}m_{101}^{(22)}m_{230}^{(22)} - 4m_{110}^{(10)}m_{101}^{(22)}m_{221}^{(21)} + 2m_{110}^{(10)}m_{101}^{(22)}m_{212}^{(11)} - 4m_{110}^{(10)}m_{101}^{(22)}m_{131}^{(20)}\\
&+2m_{110}^{(10)}m_{101}^{(22)}m_{032}^{(00)} + 2m_{110}^{(10)}m_{020}^{(10)}m_{203}^{(22)} - 4m_{110}^{(10)}m_{020}^{(10)}m_{104}^{(20)} + 2m_{110}^{(10)}m_{020}^{(10)}m_{005}^{(00)}\\
&-2m_{110}^{(10)}m_{020}^{(20)}m_{212}^{(22)} + 4m_{110}^{(10)}m_{020}^{(20)}m_{113}^{(20)} - 2m_{110}^{(10)}m_{020}^{(20)}m_{014}^{(00)} - 2m_{110}^{(10)}m_{020}^{(21)}m_{302}^{(22)}\\
&+4m_{110}^{(10)}m_{020}^{(21)}m_{203}^{(20)} - 2m_{110}^{(10)}m_{020}^{(21)}m_{104}^{(00)} + 2m_{110}^{(10)}m_{020}^{(22)}m_{311}^{(22)} - 4m_{110}^{(10)}m_{020}^{(22)}m_{212}^{(20)}\\
&+2m_{110}^{(10)}m_{020}^{(22)}m_{113}^{(00)} - 2m_{110}^{(10)}m_{011}^{(00)}m_{122}^{(22)} + 4m_{110}^{(10)}m_{011}^{(00)}m_{113}^{(21)} - 2m_{110}^{(10)}m_{011}^{(00)}m_{104}^{(11)}\\
&-4m_{110}^{(10)}m_{011}^{(10)}m_{212}^{(22)} + 8m_{110}^{(10)}m_{011}^{(10)}m_{113}^{(20)} - 4m_{110}^{(10)}m_{011}^{(10)}m_{014}^{(00)} + 2m_{110}^{(10)}m_{011}^{(11)}m_{302}^{(22)}\\
&-4m_{110}^{(10)}m_{011}^{(11)}m_{203}^{(20)} + 2m_{110}^{(10)}m_{011}^{(11)}m_{104}^{(00)} + 8m_{110}^{(10)}m_{011}^{(20)}m_{221}^{(22)} - 8m_{110}^{(10)}m_{011}^{(20)}m_{212}^{(21)}\\
&+4m_{110}^{(10)}m_{011}^{(20)}m_{113}^{(11)} - 8m_{110}^{(10)}m_{011}^{(20)}m_{122}^{(20)} + 4m_{110}^{(10)}m_{011}^{(20)}m_{023}^{(00)} - 4m_{110}^{(10)}m_{011}^{(22)}m_{320}^{(22)}\\
&+4m_{110}^{(10)}m_{011}^{(22)}m_{311}^{(21)} - 2m_{110}^{(10)}m_{011}^{(22)}m_{302}^{(11)} + 4m_{110}^{(10)}m_{011}^{(22)}m_{221}^{(20)} - 2m_{110}^{(10)}m_{011}^{(22)}m_{122}^{(00)}\\
&+2m_{110}^{(10)}m_{002}^{(00)}m_{131}^{(22)} - 4m_{110}^{(10)}m_{002}^{(00)}m_{122}^{(21)} + 2m_{110}^{(10)}m_{002}^{(00)}m_{113}^{(11)} + 4m_{110}^{(10)}m_{002}^{(10)}m_{212}^{(21)}\\
&-2m_{110}^{(10)}m_{002}^{(10)}m_{203}^{(11)} - 4m_{110}^{(10)}m_{002}^{(10)}m_{122}^{(20)} + 2m_{110}^{(10)}m_{002}^{(10)}m_{023}^{(00)} - 2m_{110}^{(10)}m_{002}^{(11)}m_{311}^{(22)}\\
&+4m_{110}^{(10)}m_{002}^{(11)}m_{212}^{(20)} - 2m_{110}^{(10)}m_{002}^{(11)}m_{113}^{(00)} - 4m_{110}^{(10)}m_{002}^{(20)}m_{230}^{(22)} + 4m_{110}^{(10)}m_{002}^{(20)}m_{221}^{(21)}\\
&-2m_{110}^{(10)}m_{002}^{(20)}m_{212}^{(11)} + 4m_{110}^{(10)}m_{002}^{(20)}m_{131}^{(20)} - 2m_{110}^{(10)}m_{002}^{(20)}m_{032}^{(00)} + 4m_{110}^{(10)}m_{002}^{(21)}m_{320}^{(22)}\\
&-4m_{110}^{(10)}m_{002}^{(21)}m_{311}^{(21)} + 2m_{110}^{(10)}m_{002}^{(21)}m_{302}^{(11)} - 4m_{110}^{(10)}m_{002}^{(21)}m_{221}^{(20)} + 2m_{110}^{(10)}m_{002}^{(21)}m_{122}^{(00)}\\
&+2m_{110}^{(11)}m_{110}^{(20)}m_{212}^{(22)} - 4m_{110}^{(11)}m_{110}^{(20)}m_{113}^{(20)} + 2m_{110}^{(11)}m_{110}^{(20)}m_{014}^{(00)} + 2m_{110}^{(11)}m_{110}^{(21)}m_{302}^{(22)}\\
&-4m_{110}^{(11)}m_{110}^{(21)}m_{203}^{(20)} + 2m_{110}^{(11)}m_{110}^{(21)}m_{104}^{(00)} - 2m_{110}^{(11)}m_{110}^{(22)}m_{311}^{(22)} + 4m_{110}^{(11)}m_{110}^{(22)}m_{212}^{(20)}\\
&-2m_{110}^{(11)}m_{110}^{(22)}m_{113}^{(00)} + 2m_{110}^{(11)}m_{101}^{(00)}m_{122}^{(22)} - 4m_{110}^{(11)}m_{101}^{(00)}m_{113}^{(21)} + 2m_{110}^{(11)}m_{101}^{(00)}m_{104}^{(11)}
\end{aligned}
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\begin{aligned}
&-2m_{110}^{(11)}m_{101}^{(10)}m_{212}^{(22)}+4m_{110}^{(11)}m_{101}^{(10)}m_{203}^{(21)}-4m_{110}^{(11)}m_{101}^{(10)}m_{104}^{(10)}+2m_{110}^{(11)}m_{101}^{(10)}m_{014}^{(00)}\\
&-2m_{110}^{(11)}m_{101}^{(11)}m_{302}^{(22)}+4m_{110}^{(11)}m_{101}^{(11)}m_{203}^{(20)}-2m_{110}^{(11)}m_{101}^{(11)}m_{104}^{(00)}-2m_{110}^{(11)}m_{101}^{(20)}m_{221}^{(22)}\\
&+4m_{110}^{(11)}m_{101}^{(20)}m_{212}^{(21)}-4m_{110}^{(11)}m_{101}^{(20)}m_{203}^{(11)}+4m_{110}^{(11)}m_{101}^{(20)}m_{113}^{(10)}-2m_{110}^{(11)}m_{101}^{(20)}m_{023}^{(00)}\\
&+6m_{110}^{(11)}m_{101}^{(21)}m_{311}^{(22)}-4m_{110}^{(11)}m_{101}^{(21)}m_{302}^{(21)}-8m_{110}^{(11)}m_{101}^{(21)}m_{212}^{(20)}+4m_{110}^{(11)}m_{101}^{(21)}m_{203}^{(10)}\\
&+2m_{110}^{(11)}m_{101}^{(21)}m_{113}^{(00)}-2m_{110}^{(11)}m_{101}^{(22)}m_{320}^{(22)}+2m_{110}^{(11)}m_{101}^{(22)}m_{302}^{(11)}+4m_{110}^{(11)}m_{101}^{(22)}m_{221}^{(20)}\\
&-4m_{110}^{(11)}m_{101}^{(22)}m_{212}^{(10)}+2m_{110}^{(11)}m_{011}^{(10)}m_{302}^{(22)}-4m_{110}^{(11)}m_{011}^{(10)}m_{203}^{(20)}+2m_{110}^{(11)}m_{011}^{(10)}m_{104}^{(00)}\\
&-2m_{110}^{(11)}m_{011}^{(20)}m_{311}^{(22)}+4m_{110}^{(11)}m_{011}^{(20)}m_{212}^{(20)}-2m_{110}^{(11)}m_{011}^{(20)}m_{113}^{(00)}-2m_{110}^{(11)}m_{011}^{(21)}m_{401}^{(22)}\\
&+4m_{110}^{(11)}m_{011}^{(21)}m_{302}^{(20)}-2m_{110}^{(11)}m_{011}^{(21)}m_{203}^{(00)}+2m_{110}^{(11)}m_{011}^{(22)}m_{410}^{(22)}-4m_{110}^{(11)}m_{011}^{(22)}m_{311}^{(20)}\\
&+2m_{110}^{(11)}m_{011}^{(22)}m_{212}^{(00)}-m_{110}^{(11)}m_{002}^{(00)}m_{221}^{(22)}+2m_{110}^{(11)}m_{002}^{(00)}m_{212}^{(21)}-m_{110}^{(11)}m_{002}^{(00)}m_{203}^{(11)}\\
&-2m_{110}^{(11)}m_{002}^{(10)}m_{302}^{(21)}+2m_{110}^{(11)}m_{002}^{(10)}m_{212}^{(20)}+2m_{110}^{(11)}m_{002}^{(10)}m_{203}^{(10)}-2m_{110}^{(11)}m_{002}^{(10)}m_{113}^{(00)}\\
&+m_{110}^{(11)}m_{002}^{(11)}m_{401}^{(22)}-2m_{110}^{(11)}m_{002}^{(11)}m_{302}^{(20)}+m_{110}^{(11)}m_{002}^{(11)}m_{203}^{(00)}+2m_{110}^{(11)}m_{002}^{(20)}m_{320}^{(22)}\\
&-2m_{110}^{(11)}m_{002}^{(20)}m_{311}^{(21)}+2m_{110}^{(11)}m_{002}^{(20)}m_{302}^{(11)}-2m_{110}^{(11)}m_{002}^{(20)}m_{221}^{(20)}-2m_{110}^{(11)}m_{002}^{(20)}m_{212}^{(10)}\\
&+2m_{110}^{(11)}m_{002}^{(20)}m_{122}^{(00)}-2m_{110}^{(11)}m_{002}^{(21)}m_{410}^{(22)}+2m_{110}^{(11)}m_{002}^{(21)}m_{401}^{(21)}+2m_{110}^{(11)}m_{002}^{(21)}m_{311}^{(20)}\\
&-2m_{110}^{(11)}m_{002}^{(21)}m_{302}^{(10)}-m_{110}^{(11)}m_{002}^{(22)}m_{401}^{(11)}+2m_{110}^{(11)}m_{002}^{(22)}m_{311}^{(10)}-m_{110}^{(11)}m_{002}^{(22)}m_{221}^{(00)}\\
&+4(m_{110}^{(20)})^2m_{131}^{(22)}-8(m_{110}^{(20)})^2m_{122}^{(21)}+4(m_{110}^{(20)})^2m_{113}^{(11)}-8m_{110}^{(20)}m_{110}^{(21)}m_{212}^{(21)}\\
&+4m_{110}^{(20)}m_{110}^{(21)}m_{203}^{(11)}+8m_{110}^{(20)}m_{110}^{(21)}m_{122}^{(20)}-4m_{110}^{(20)}m_{110}^{(21)}m_{023}^{(00)}-4m_{110}^{(20)}m_{110}^{(22)}m_{230}^{(22)}\\
&+12m_{110}^{(20)}m_{110}^{(22)}m_{221}^{(21)}-6m_{110}^{(20)}m_{110}^{(22)}m_{212}^{(11)}-4m_{110}^{(20)}m_{110}^{(22)}m_{131}^{(20)}+2m_{110}^{(20)}m_{110}^{(22)}m_{032}^{(00)}\\
&+2m_{110}^{(20)}m_{101}^{(00)}m_{041}^{(22)}-4m_{110}^{(20)}m_{101}^{(00)}m_{032}^{(21)}+2m_{110}^{(20)}m_{101}^{(00)}m_{023}^{(11)}-2m_{110}^{(20)}m_{101}^{(11)}m_{221}^{(22)}\\
&+4m_{110}^{(20)}m_{101}^{(11)}m_{122}^{(20)}-2m_{110}^{(20)}m_{101}^{(11)}m_{023}^{(00)}-4m_{110}^{(20)}m_{101}^{(20)}m_{140}^{(22)}+8m_{110}^{(20)}m_{101}^{(20)}m_{131}^{(21)}\\
&-4m_{110}^{(20)}m_{101}^{(20)}m_{122}^{(11)}+4m_{110}^{(20)}m_{101}^{(21)}m_{230}^{(22)}-8m_{110}^{(20)}m_{101}^{(21)}m_{131}^{(20)}+4m_{110}^{(20)}m_{101}^{(21)}m_{032}^{(00)}\\
&-4m_{110}^{(20)}m_{101}^{(22)}m_{230}^{(21)}+2m_{110}^{(20)}m_{101}^{(22)}m_{221}^{(11)}+4m_{110}^{(20)}m_{101}^{(22)}m_{140}^{(20)}-2m_{110}^{(20)}m_{101}^{(22)}m_{041}^{(00)}\\
&+2m_{110}^{(20)}m_{020}^{(00)}m_{122}^{(22)}-4m_{110}^{(20)}m_{020}^{(00)}m_{113}^{(21)}+2m_{110}^{(20)}m_{020}^{(00)}m_{104}^{(11)}+2m_{110}^{(20)}m_{020}^{(10)}m_{212}^{(22)}\\
&-4m_{110}^{(20)}m_{020}^{(10)}m_{203}^{(21)}+4m_{110}^{(20)}m_{020}^{(10)}m_{104}^{(10)}-2m_{110}^{(20)}m_{020}^{(10)}m_{014}^{(00)}-2m_{110}^{(20)}m_{020}^{(11)}m_{302}^{(22)}\\
&+4m_{110}^{(20)}m_{020}^{(11)}m_{203}^{(20)}-2m_{110}^{(20)}m_{020}^{(11)}m_{104}^{(00)}-6m_{110}^{(20)}m_{020}^{(20)}m_{221}^{(22)}+12m_{110}^{(20)}m_{020}^{(20)}m_{212}^{(21)}\\
&-4m_{110}^{(20)}m_{020}^{(20)}m_{203}^{(11)}-4m_{110}^{(20)}m_{020}^{(20)}m_{113}^{(10)}+2m_{110}^{(20)}m_{020}^{(20)}m_{023}^{(00)}+2m_{110}^{(20)}m_{020}^{(21)}m_{311}^{(22)}\\
&+4m_{110}^{(20)}m_{020}^{(21)}m_{302}^{(21)}-8m_{110}^{(20)}m_{020}^{(21)}m_{212}^{(20)}-4m_{110}^{(20)}m_{020}^{(21)}m_{203}^{(10)}+6m_{110}^{(20)}m_{020}^{(21)}m_{113}^{(00)}\\
&+2m_{110}^{(20)}m_{020}^{(22)}m_{320}^{(22)}-8m_{110}^{(20)}m_{020}^{(22)}m_{311}^{(21)}+2m_{110}^{(20)}m_{020}^{(22)}m_{302}^{(11)}+4m_{110}^{(20)}m_{020}^{(22)}m_{221}^{(20)}\\
&+4m_{110}^{(20)}m_{020}^{(22)}m_{212}^{(10)}-4m_{110}^{(20)}m_{020}^{(22)}m_{122}^{(00)}-2m_{110}^{(20)}m_{011}^{(00)}m_{131}^{(22)}+4m_{110}^{(20)}m_{011}^{(00)}m_{122}^{(21)}\\
&-2m_{110}^{(20)}m_{011}^{(00)}m_{113}^{(11)}+4m_{110}^{(20)}m_{011}^{(10)}m_{203}^{(11)}-8m_{110}^{(20)}m_{011}^{(10)}m_{113}^{(10)}+4m_{110}^{(20)}m_{011}^{(10)}m_{023}^{(00)}\\
&+2m_{110}^{(20)}m_{011}^{(11)}m_{311}^{(22)}-4m_{110}^{(20)}m_{011}^{(11)}m_{212}^{(20)}+2m_{110}^{(20)}m_{011}^{(11)}m_{113}^{(00)}+4m_{110}^{(20)}m_{011}^{(20)}m_{230}^{(22)}\\
&-8m_{110}^{(20)}m_{011}^{(20)}m_{221}^{(21)}+8m_{110}^{(20)}m_{011}^{(20)}m_{122}^{(10)}-4m_{110}^{(20)}m_{011}^{(20)}m_{032}^{(00)}-4m_{110}^{(20)}m_{011}^{(21)}m_{320}^{(22)}\\
&-4m_{110}^{(20)}m_{011}^{(21)}m_{302}^{(11)}+8m_{110}^{(20)}m_{011}^{(21)}m_{221}^{(20)}+8m_{110}^{(20)}m_{011}^{(21)}m_{212}^{(10)}-8m_{110}^{(20)}m_{011}^{(21)}m_{122}^{(00)}\\
&+4m_{110}^{(20)}m_{011}^{(22)}m_{320}^{(21)}+2m_{110}^{(20)}m_{011}^{(22)}m_{311}^{(11)}-4m_{110}^{(20)}m_{011}^{(22)}m_{230}^{(20)}-8m_{110}^{(20)}m_{011}^{(22)}m_{221}^{(10)}\\
&+6m_{110}^{(20)}m_{011}^{(22)}m_{131}^{(00)}-2m_{110}^{(20)}m_{002}^{(10)}m_{212}^{(11)}+4m_{110}^{(20)}m_{002}^{(10)}m_{122}^{(10)}-2m_{110}^{(20)}m_{002}^{(10)}m_{032}^{(00)}\\
&+2m_{110}^{(20)}m_{002}^{(20)}m_{221}^{(11)}-4m_{110}^{(20)}m_{002}^{(20)}m_{131}^{(10)}+2m_{110}^{(20)}m_{002}^{(20)}m_{041}^{(00)}+2m_{110}^{(20)}m_{002}^{(21)}m_{311}^{(11)}\\
&-4m_{110}^{(20)}m_{002}^{(21)}m_{221}^{(10)}+2m_{110}^{(20)}m_{002}^{(21)}m_{131}^{(00)}-2m_{110}^{(20)}m_{002}^{(22)}m_{320}^{(11)}+4m_{110}^{(20)}m_{002}^{(22)}m_{230}^{(10)}\\
&-2m_{110}^{(20)}m_{002}^{(22)}m_{140}^{(00)}-4(m_{110}^{(21)})^2m_{311}^{(22)}+8(m_{110}^{(21)})^2m_{212}^{(20)}-4(m_{110}^{(21)})^2m_{113}^{(00)}\\
&+4m_{110}^{(21)}m_{110}^{(22)}m_{320}^{(22)}+4m_{110}^{(21)}m_{110}^{(22)}m_{311}^{(21)}-2m_{110}^{(21)}m_{110}^{(22)}m_{302}^{(11)}-12m_{110}^{(21)}m_{110}^{(22)}m_{221}^{(20)}
\end{aligned}
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\begin{aligned}
&+6m_{110}^{(21)}m_{110}^{(22)}m_{122}^{(00)} - 2m_{110}^{(21)}m_{101}^{(00)}m_{131}^{(22)} + 4m_{110}^{(21)}m_{101}^{(00)}m_{122}^{(21)} - 2m_{110}^{(21)}m_{101}^{(00)}m_{113}^{(11)}\\
&-4m_{110}^{(21)}m_{101}^{(10)}m_{203}^{(11)} + 8m_{110}^{(21)}m_{101}^{(10)}m_{113}^{(10)} - 4m_{110}^{(21)}m_{101}^{(10)}m_{023}^{(00)} + 2m_{110}^{(21)}m_{101}^{(11)}m_{311}^{(22)}\\
&-4m_{110}^{(21)}m_{101}^{(11)}m_{212}^{(20)} + 2m_{110}^{(21)}m_{101}^{(11)}m_{113}^{(00)} + 4m_{110}^{(21)}m_{101}^{(20)}m_{230}^{(22)} - 8m_{110}^{(21)}m_{101}^{(20)}m_{221}^{(21)}\\
&+8m_{110}^{(21)}m_{101}^{(20)}m_{212}^{(11)} - 8m_{110}^{(21)}m_{101}^{(20)}m_{122}^{(10)} + 4m_{110}^{(21)}m_{101}^{(20)}m_{032}^{(00)} - 4m_{110}^{(21)}m_{101}^{(21)}m_{320}^{(22)}\\
&+4m_{110}^{(21)}m_{101}^{(21)}m_{302}^{(11)} + 8m_{110}^{(21)}m_{101}^{(21)}m_{221}^{(20)} - 8m_{110}^{(21)}m_{101}^{(21)}m_{212}^{(10)} + 4m_{110}^{(21)}m_{101}^{(22)}m_{320}^{(21)}\\
&-6m_{110}^{(21)}m_{101}^{(22)}m_{311}^{(11)} - 4m_{110}^{(21)}m_{101}^{(22)}m_{230}^{(20)} + 8m_{110}^{(21)}m_{101}^{(22)}m_{221}^{(10)} - 2m_{110}^{(21)}m_{101}^{(22)}m_{131}^{(00)}\\
&-2m_{110}^{(21)}m_{020}^{(10)}m_{302}^{(22)} + 4m_{110}^{(21)}m_{020}^{(10)}m_{203}^{(20)} - 2m_{110}^{(21)}m_{020}^{(10)}m_{104}^{(00)} + 2m_{110}^{(21)}m_{020}^{(20)}m_{311}^{(22)}\\
&-4m_{110}^{(21)}m_{020}^{(20)}m_{212}^{(20)} + 2m_{110}^{(21)}m_{020}^{(20)}m_{113}^{(00)} + 2m_{110}^{(21)}m_{020}^{(21)}m_{401}^{(22)} - 4m_{110}^{(21)}m_{020}^{(21)}m_{302}^{(20)}\\
&+2m_{110}^{(21)}m_{020}^{(21)}m_{203}^{(00)} - 2m_{110}^{(21)}m_{020}^{(22)}m_{410}^{(22)} + 4m_{110}^{(21)}m_{020}^{(22)}m_{311}^{(20)} - 2m_{110}^{(21)}m_{020}^{(22)}m_{212}^{(00)}\\
&+2m_{110}^{(21)}m_{011}^{(00)}m_{221}^{(22)} - 4m_{110}^{(21)}m_{011}^{(00)}m_{212}^{(21)} + 2m_{110}^{(21)}m_{011}^{(00)}m_{203}^{(11)} - 2m_{110}^{(21)}m_{011}^{(11)}m_{401}^{(22)}\\
&+4m_{110}^{(21)}m_{011}^{(11)}m_{302}^{(20)} - 2m_{110}^{(21)}m_{011}^{(11)}m_{203}^{(00)} - 4m_{110}^{(21)}m_{011}^{(20)}m_{320}^{(22)} + 8m_{110}^{(21)}m_{011}^{(20)}m_{311}^{(21)}\\
&-4m_{110}^{(21)}m_{011}^{(20)}m_{302}^{(11)} + 4m_{110}^{(21)}m_{011}^{(21)}m_{410}^{(22)} - 8m_{110}^{(21)}m_{011}^{(21)}m_{311}^{(20)} + 4m_{110}^{(21)}m_{011}^{(21)}m_{212}^{(00)}\\
&-4m_{110}^{(21)}m_{011}^{(22)}m_{410}^{(21)} + 2m_{110}^{(21)}m_{011}^{(22)}m_{401}^{(11)} + 4m_{110}^{(21)}m_{011}^{(22)}m_{320}^{(20)} - 2m_{110}^{(21)}m_{011}^{(22)}m_{221}^{(00)}\\
&+2m_{110}^{(21)}m_{002}^{(10)}m_{302}^{(11)} - 4m_{110}^{(21)}m_{002}^{(10)}m_{212}^{(10)} + 2m_{110}^{(21)}m_{002}^{(10)}m_{122}^{(00)} - 2m_{110}^{(21)}m_{002}^{(20)}m_{311}^{(11)}\\
&+4m_{110}^{(21)}m_{002}^{(20)}m_{221}^{(10)} - 2m_{110}^{(21)}m_{002}^{(20)}m_{131}^{(00)} - 2m_{110}^{(21)}m_{002}^{(21)}m_{401}^{(11)} + 4m_{110}^{(21)}m_{002}^{(21)}m_{311}^{(10)}\\
&-2m_{110}^{(21)}m_{002}^{(21)}m_{221}^{(00)} + 2m_{110}^{(21)}m_{002}^{(22)}m_{410}^{(11)} - 4m_{110}^{(21)}m_{002}^{(22)}m_{320}^{(10)} + 2m_{110}^{(21)}m_{002}^{(22)}m_{230}^{(00)}\\
&-4(m_{110}^{(22)})^2m_{320}^{(21)} + 2(m_{110}^{(22)})^2m_{311}^{(11)} + 4(m_{110}^{(22)})^2m_{230}^{(20)} - 2(m_{110}^{(22)})^2m_{131}^{(00)}\\
&+2m_{110}^{(22)}m_{101}^{(10)}m_{212}^{(11)} - 4m_{110}^{(22)}m_{101}^{(10)}m_{122}^{(10)} + 2m_{110}^{(22)}m_{101}^{(10)}m_{032}^{(00)} - 2m_{110}^{(22)}m_{101}^{(20)}m_{221}^{(11)}\\
&+4m_{110}^{(22)}m_{101}^{(20)}m_{131}^{(10)} - 2m_{110}^{(22)}m_{101}^{(20)}m_{041}^{(00)} - 2m_{110}^{(22)}m_{101}^{(21)}m_{311}^{(11)} + 4m_{110}^{(22)}m_{101}^{(21)}m_{221}^{(10)}\\
&-2m_{110}^{(22)}m_{101}^{(21)}m_{131}^{(00)} + 2m_{110}^{(22)}m_{101}^{(22)}m_{320}^{(11)} - 4m_{110}^{(22)}m_{101}^{(22)}m_{230}^{(10)} + 2m_{110}^{(22)}m_{101}^{(22)}m_{140}^{(00)}\\
&-m_{110}^{(22)}m_{020}^{(00)}m_{221}^{(22)} + 2m_{110}^{(22)}m_{020}^{(00)}m_{212}^{(21)} - m_{110}^{(22)}m_{020}^{(00)}m_{203}^{(11)} + 2m_{110}^{(22)}m_{020}^{(10)}m_{302}^{(21)}\\
&-2m_{110}^{(22)}m_{020}^{(10)}m_{212}^{(20)} - 2m_{110}^{(22)}m_{020}^{(10)}m_{203}^{(10)} + 2m_{110}^{(22)}m_{020}^{(10)}m_{113}^{(00)} + m_{110}^{(22)}m_{020}^{(11)}m_{401}^{(22)}\\
&-2m_{110}^{(22)}m_{020}^{(11)}m_{302}^{(20)} + m_{110}^{(22)}m_{020}^{(11)}m_{203}^{(00)} + 2m_{110}^{(22)}m_{020}^{(20)}m_{320}^{(22)} - 6m_{110}^{(22)}m_{020}^{(20)}m_{311}^{(21)}\\
&+2m_{110}^{(22)}m_{020}^{(20)}m_{302}^{(11)} + 2m_{110}^{(22)}m_{020}^{(20)}m_{221}^{(20)} + 2m_{110}^{(22)}m_{020}^{(20)}m_{212}^{(10)} - 2m_{110}^{(22)}m_{020}^{(20)}m_{122}^{(00)}\\
&-2m_{110}^{(22)}m_{020}^{(21)}m_{410}^{(22)} - 2m_{110}^{(22)}m_{020}^{(21)}m_{401}^{(21)} + 6m_{110}^{(22)}m_{020}^{(21)}m_{311}^{(20)} + 2m_{110}^{(22)}m_{020}^{(21)}m_{302}^{(10)}\\
&-4m_{110}^{(22)}m_{020}^{(21)}m_{212}^{(00)} + 4m_{110}^{(22)}m_{020}^{(22)}m_{410}^{(21)} - m_{110}^{(22)}m_{020}^{(22)}m_{401}^{(11)} - 4m_{110}^{(22)}m_{020}^{(22)}m_{320}^{(20)}\\
&-2m_{110}^{(22)}m_{020}^{(22)}m_{311}^{(10)} + 3m_{110}^{(22)}m_{020}^{(22)}m_{221}^{(00)} - 2m_{110}^{(22)}m_{011}^{(10)}m_{302}^{(11)} + 4m_{110}^{(22)}m_{011}^{(10)}m_{212}^{(10)}\\
&-2m_{110}^{(22)}m_{011}^{(10)}m_{122}^{(00)} + 2m_{110}^{(22)}m_{011}^{(20)}m_{311}^{(11)} - 4m_{110}^{(22)}m_{011}^{(20)}m_{221}^{(10)} + 2m_{110}^{(22)}m_{011}^{(20)}m_{131}^{(00)}\\
&+2m_{110}^{(22)}m_{011}^{(21)}m_{401}^{(11)} - 4m_{110}^{(22)}m_{011}^{(21)}m_{311}^{(10)} + 2m_{110}^{(22)}m_{011}^{(21)}m_{221}^{(00)} - 2m_{110}^{(22)}m_{011}^{(22)}m_{410}^{(11)}\\
&+4m_{110}^{(22)}m_{011}^{(22)}m_{320}^{(10)} - 2m_{110}^{(22)}m_{011}^{(22)}m_{230}^{(00)} + 2m_{101}^{(00)}m_{101}^{(10)}m_{041}^{(22)} - 4m_{101}^{(00)}m_{101}^{(10)}m_{032}^{(21)}\\
&+2m_{101}^{(00)}m_{101}^{(10)}m_{023}^{(11)} - 2m_{101}^{(00)}m_{101}^{(11)}m_{131}^{(22)} + 4m_{101}^{(00)}m_{101}^{(11)}m_{122}^{(21)} - 2m_{101}^{(00)}m_{101}^{(11)}m_{113}^{(11)}\\
&-2m_{101}^{(00)}m_{101}^{(20)}m_{050}^{(22)} + 4m_{101}^{(00)}m_{101}^{(20)}m_{041}^{(21)} - 2m_{101}^{(00)}m_{101}^{(20)}m_{032}^{(11)} + 2m_{101}^{(00)}m_{101}^{(21)}m_{140}^{(22)}\\
&-4m_{101}^{(00)}m_{101}^{(21)}m_{131}^{(21)} + 2m_{101}^{(00)}m_{101}^{(21)}m_{122}^{(11)} + m_{101}^{(00)}m_{020}^{(00)}m_{032}^{(22)} - 2m_{101}^{(00)}m_{020}^{(00)}m_{023}^{(21)}\\
&+m_{101}^{(00)}m_{020}^{(00)}m_{014}^{(11)} + 2m_{101}^{(00)}m_{020}^{(10)}m_{113}^{(21)} - 2m_{101}^{(00)}m_{020}^{(10)}m_{104}^{(11)} - 2m_{101}^{(00)}m_{020}^{(10)}m_{023}^{(20)}\\
&+2m_{101}^{(00)}m_{020}^{(10)}m_{014}^{(10)} - m_{101}^{(00)}m_{020}^{(11)}m_{212}^{(22)} + 2m_{101}^{(00)}m_{020}^{(11)}m_{113}^{(20)} - m_{101}^{(00)}m_{020}^{(11)}m_{014}^{(00)}\\
&-2m_{101}^{(00)}m_{020}^{(20)}m_{131}^{(22)} + 2m_{101}^{(00)}m_{020}^{(20)}m_{122}^{(21)} + 2m_{101}^{(00)}m_{020}^{(20)}m_{032}^{(20)} - 2m_{101}^{(00)}m_{020}^{(20)}m_{023}^{(10)}\\
&+2m_{101}^{(00)}m_{020}^{(21)}m_{221}^{(22)} - 2m_{101}^{(00)}m_{020}^{(21)}m_{212}^{(21)} + 2m_{101}^{(00)}m_{020}^{(21)}m_{203}^{(11)} - 2m_{101}^{(00)}m_{020}^{(21)}m_{122}^{(20)}\\
&-2m_{101}^{(00)}m_{020}^{(21)}m_{113}^{(10)} + 2m_{101}^{(00)}m_{020}^{(21)}m_{023}^{(00)} - m_{101}^{(00)}m_{020}^{(22)}m_{212}^{(11)} + 2m_{101}^{(00)}m_{020}^{(22)}m_{122}^{(10)}
\end{aligned}
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\begin{aligned}
&-m_{101}^{(00)}m_{020}^{(22)}m_{032}^{(00)} - 2m_{101}^{(00)}m_{011}^{(00)}m_{041}^{(22)} + 4m_{101}^{(00)}m_{011}^{(00)}m_{032}^{(21)} - 2m_{101}^{(00)}m_{011}^{(00)}m_{023}^{(11)}\\
&+2m_{101}^{(00)}m_{011}^{(10)}m_{131}^{(22)} - 8m_{101}^{(00)}m_{011}^{(10)}m_{122}^{(21)} + 6m_{101}^{(00)}m_{011}^{(10)}m_{113}^{(11)} + 4m_{101}^{(00)}m_{011}^{(10)}m_{032}^{(20)}\\
&-4m_{101}^{(00)}m_{011}^{(10)}m_{023}^{(10)} + 4m_{101}^{(00)}m_{011}^{(11)}m_{212}^{(21)} - 2m_{101}^{(00)}m_{011}^{(11)}m_{203}^{(11)} - 4m_{101}^{(00)}m_{011}^{(11)}m_{122}^{(20)}\\
&+2m_{101}^{(00)}m_{011}^{(11)}m_{023}^{(00)} + 2m_{101}^{(00)}m_{011}^{(20)}m_{140}^{(22)} - 2m_{101}^{(00)}m_{011}^{(20)}m_{122}^{(11)} - 4m_{101}^{(00)}m_{011}^{(20)}m_{041}^{(20)}\\
&+4m_{101}^{(00)}m_{011}^{(20)}m_{032}^{(10)} - 2m_{101}^{(00)}m_{011}^{(21)}m_{230}^{(22)} - 2m_{101}^{(00)}m_{011}^{(21)}m_{212}^{(11)} + 4m_{101}^{(00)}m_{011}^{(21)}m_{131}^{(20)}\\
&+4m_{101}^{(00)}m_{011}^{(21)}m_{122}^{(10)} - 4m_{101}^{(00)}m_{011}^{(21)}m_{032}^{(00)} + 2m_{101}^{(00)}m_{011}^{(22)}m_{221}^{(11)} - 4m_{101}^{(00)}m_{011}^{(22)}m_{131}^{(10)}\\
&+2m_{101}^{(00)}m_{011}^{(22)}m_{041}^{(00)} + m_{101}^{(00)}m_{002}^{(00)}m_{050}^{(22)} - 2m_{101}^{(00)}m_{002}^{(00)}m_{041}^{(21)} + m_{101}^{(00)}m_{002}^{(00)}m_{032}^{(11)}\\
&-2m_{101}^{(00)}m_{002}^{(10)}m_{140}^{(22)} + 6m_{101}^{(00)}m_{002}^{(10)}m_{131}^{(21)} - 4m_{101}^{(00)}m_{002}^{(10)}m_{122}^{(11)} - 2m_{101}^{(00)}m_{002}^{(10)}m_{041}^{(20)}\\
&+2m_{101}^{(00)}m_{002}^{(10)}m_{032}^{(10)} + m_{101}^{(00)}m_{002}^{(11)}m_{230}^{(22)} - 4m_{101}^{(00)}m_{002}^{(11)}m_{221}^{(21)} + 2m_{101}^{(00)}m_{002}^{(11)}m_{212}^{(11)}\\
&+2m_{101}^{(00)}m_{002}^{(11)}m_{131}^{(20)} - m_{101}^{(00)}m_{002}^{(11)}m_{032}^{(00)} - 2m_{101}^{(00)}m_{002}^{(20)}m_{041}^{(21)} + 2m_{101}^{(00)}m_{002}^{(20)}m_{131}^{(11)}\\
&+2m_{101}^{(00)}m_{002}^{(20)}m_{050}^{(20)} - 2m_{101}^{(00)}m_{002}^{(20)}m_{041}^{(10)} + 2m_{101}^{(00)}m_{002}^{(21)}m_{230}^{(21)} - 2m_{101}^{(00)}m_{002}^{(21)}m_{140}^{(20)}\\
&-2m_{101}^{(00)}m_{002}^{(21)}m_{131}^{(10)} + 2m_{101}^{(00)}m_{002}^{(21)}m_{041}^{(00)} - m_{101}^{(00)}m_{002}^{(22)}m_{230}^{(11)} + 2m_{101}^{(00)}m_{002}^{(22)}m_{140}^{(10)}\\
&-m_{101}^{(00)}m_{002}^{(22)}m_{050}^{(00)} - 4(m_{101}^{(10)})^2m_{131}^{(22)} + 8(m_{101}^{(10)})^2m_{122}^{(21)} - 4(m_{101}^{(10)})^2m_{113}^{(11)}\\
&+6m_{101}^{(10)}m_{101}^{(11)}m_{221}^{(22)} - 12m_{101}^{(10)}m_{101}^{(11)}m_{212}^{(21)} + 4m_{101}^{(10)}m_{101}^{(11)}m_{203}^{(11)} + 4m_{101}^{(10)}m_{101}^{(11)}m_{113}^{(10)}\\
&-2m_{101}^{(10)}m_{101}^{(11)}m_{023}^{(00)} + 4m_{101}^{(10)}m_{101}^{(20)}m_{140}^{(22)} - 8m_{101}^{(10)}m_{101}^{(20)}m_{131}^{(21)} + 4m_{101}^{(10)}m_{101}^{(20)}m_{122}^{(11)}\\
&-4m_{101}^{(10)}m_{101}^{(21)}m_{230}^{(22)} + 8m_{101}^{(10)}m_{101}^{(21)}m_{221}^{(21)} - 8m_{101}^{(10)}m_{101}^{(21)}m_{122}^{(10)} + 4m_{101}^{(10)}m_{101}^{(21)}m_{032}^{(00)}\\
&-2m_{101}^{(10)}m_{101}^{(22)}m_{221}^{(11)} + 4m_{101}^{(10)}m_{101}^{(22)}m_{131}^{(10)} - 2m_{101}^{(10)}m_{101}^{(22)}m_{041}^{(00)} - 2m_{101}^{(10)}m_{020}^{(10)}m_{212}^{(22)}\\
&+4m_{101}^{(10)}m_{020}^{(10)}m_{113}^{(20)} - 2m_{101}^{(10)}m_{020}^{(10)}m_{014}^{(00)} + 2m_{101}^{(10)}m_{020}^{(11)}m_{302}^{(22)} - 4m_{101}^{(10)}m_{020}^{(11)}m_{203}^{(20)}\\
&+2m_{101}^{(10)}m_{020}^{(11)}m_{104}^{(00)} + 2m_{101}^{(10)}m_{020}^{(20)}m_{221}^{(22)} - 4m_{101}^{(10)}m_{020}^{(20)}m_{122}^{(20)} + 2m_{101}^{(10)}m_{020}^{(20)}m_{023}^{(00)}\\
&-2m_{101}^{(10)}m_{020}^{(21)}m_{311}^{(22)} + 4m_{101}^{(10)}m_{020}^{(21)}m_{212}^{(20)} - 2m_{101}^{(10)}m_{020}^{(21)}m_{113}^{(00)} + 2m_{101}^{(10)}m_{011}^{(00)}m_{131}^{(22)}\\
&-4m_{101}^{(10)}m_{011}^{(00)}m_{122}^{(21)} + 2m_{101}^{(10)}m_{011}^{(00)}m_{113}^{(11)} + 8m_{101}^{(10)}m_{011}^{(10)}m_{212}^{(21)} - 4m_{101}^{(10)}m_{011}^{(10)}m_{203}^{(11)}\\
&-8m_{101}^{(10)}m_{011}^{(10)}m_{122}^{(20)} + 4m_{101}^{(10)}m_{011}^{(10)}m_{023}^{(00)} - 2m_{101}^{(10)}m_{011}^{(11)}m_{311}^{(22)} - 4m_{101}^{(10)}m_{011}^{(11)}m_{302}^{(21)}\\
&+8m_{101}^{(10)}m_{011}^{(11)}m_{212}^{(20)} + 4m_{101}^{(10)}m_{011}^{(11)}m_{203}^{(10)} - 6m_{101}^{(10)}m_{011}^{(11)}m_{113}^{(00)} - 4m_{101}^{(10)}m_{011}^{(20)}m_{230}^{(22)}\\
&+8m_{101}^{(10)}m_{011}^{(20)}m_{131}^{(20)} - 4m_{101}^{(10)}m_{011}^{(20)}m_{032}^{(00)} + 4m_{101}^{(10)}m_{011}^{(21)}m_{320}^{(22)} + 4m_{101}^{(10)}m_{011}^{(21)}m_{302}^{(11)}\\
&-8m_{101}^{(10)}m_{011}^{(21)}m_{221}^{(20)} - 8m_{101}^{(10)}m_{011}^{(21)}m_{212}^{(10)} + 8m_{101}^{(10)}m_{011}^{(21)}m_{122}^{(00)} - 2m_{101}^{(10)}m_{011}^{(22)}m_{311}^{(11)}\\
&+4m_{101}^{(10)}m_{011}^{(22)}m_{221}^{(10)} - 2m_{101}^{(10)}m_{011}^{(22)}m_{131}^{(00)} - 2m_{101}^{(10)}m_{002}^{(00)}m_{140}^{(22)} + 4m_{101}^{(10)}m_{002}^{(00)}m_{131}^{(21)}\\
&-2m_{101}^{(10)}m_{002}^{(00)}m_{122}^{(11)} + 4m_{101}^{(10)}m_{002}^{(10)}m_{230}^{(22)} - 12m_{101}^{(10)}m_{002}^{(10)}m_{221}^{(21)} + 6m_{101}^{(10)}m_{002}^{(10)}m_{212}^{(11)}\\
&+4m_{101}^{(10)}m_{002}^{(10)}m_{131}^{(20)} - 2m_{101}^{(10)}m_{002}^{(10)}m_{032}^{(00)} - 2m_{101}^{(10)}m_{002}^{(11)}m_{320}^{(22)} + 8m_{101}^{(10)}m_{002}^{(11)}m_{311}^{(21)}\\
&-2m_{101}^{(10)}m_{002}^{(11)}m_{302}^{(11)} - 4m_{101}^{(10)}m_{002}^{(11)}m_{221}^{(20)} - 4m_{101}^{(10)}m_{002}^{(11)}m_{212}^{(10)} + 4m_{101}^{(10)}m_{002}^{(11)}m_{122}^{(00)}\\
&+4m_{101}^{(10)}m_{002}^{(20)}m_{230}^{(21)} - 2m_{101}^{(10)}m_{002}^{(20)}m_{221}^{(11)} - 4m_{101}^{(10)}m_{002}^{(20)}m_{140}^{(20)} + 2m_{101}^{(10)}m_{002}^{(20)}m_{041}^{(00)}\\
&-4m_{101}^{(10)}m_{002}^{(21)}m_{320}^{(21)} - 2m_{101}^{(10)}m_{002}^{(21)}m_{311}^{(11)} + 4m_{101}^{(10)}m_{002}^{(21)}m_{230}^{(20)} + 8m_{101}^{(10)}m_{002}^{(21)}m_{221}^{(10)}\\
&-6m_{101}^{(10)}m_{002}^{(21)}m_{131}^{(00)} + 2m_{101}^{(10)}m_{002}^{(22)}m_{320}^{(11)} - 4m_{101}^{(10)}m_{002}^{(22)}m_{230}^{(10)} + 2m_{101}^{(10)}m_{002}^{(22)}m_{140}^{(00)}\\
&-2(m_{101}^{(11)})^2m_{311}^{(22)} + 4(m_{101}^{(11)})^2m_{302}^{(21)} - 4(m_{101}^{(11)})^2m_{203}^{(10)} + 2(m_{101}^{(11)})^2m_{113}^{(00)}\\
&-2m_{101}^{(11)}m_{101}^{(20)}m_{230}^{(22)} + 4m_{101}^{(11)}m_{101}^{(20)}m_{221}^{(21)} - 4m_{101}^{(11)}m_{101}^{(20)}m_{122}^{(10)} + 2m_{101}^{(11)}m_{101}^{(20)}m_{032}^{(00)}\\
&+2m_{101}^{(11)}m_{101}^{(21)}m_{320}^{(22)} - 4m_{101}^{(11)}m_{101}^{(21)}m_{311}^{(21)} - 4m_{101}^{(11)}m_{101}^{(21)}m_{302}^{(11)} + 12m_{101}^{(11)}m_{101}^{(21)}m_{212}^{(10)}\\
&-6m_{101}^{(11)}m_{101}^{(21)}m_{122}^{(00)} + 2m_{101}^{(11)}m_{101}^{(22)}m_{311}^{(11)} - 4m_{101}^{(11)}m_{101}^{(22)}m_{221}^{(10)} + 2m_{101}^{(11)}m_{101}^{(22)}m_{131}^{(00)}\\
&-2m_{101}^{(11)}m_{011}^{(10)}m_{311}^{(22)} + 4m_{101}^{(11)}m_{011}^{(10)}m_{212}^{(20)} - 2m_{101}^{(11)}m_{011}^{(10)}m_{113}^{(00)} + 2m_{101}^{(11)}m_{011}^{(11)}m_{401}^{(22)}\\
&-4m_{101}^{(11)}m_{011}^{(11)}m_{302}^{(20)} + 2m_{101}^{(11)}m_{011}^{(11)}m_{203}^{(00)} + 2m_{101}^{(11)}m_{011}^{(20)}m_{320}^{(22)} - 4m_{101}^{(11)}m_{011}^{(20)}m_{221}^{(20)}
\end{aligned}
$$

$$+2m_{101}^{(11)}m_{011}^{(20)}m_{122}^{(00)} - 2m_{101}^{(11)}m_{011}^{(21)}m_{410}^{(22)} + 4m_{101}^{(11)}m_{011}^{(21)}m_{311}^{(20)} - 2m_{101}^{(11)}m_{011}^{(21)}m_{212}^{(00)}$$
$$+m_{101}^{(11)}m_{002}^{(00)}m_{230}^{(22)} - 2m_{101}^{(11)}m_{002}^{(00)}m_{221}^{(21)} + m_{101}^{(11)}m_{002}^{(00)}m_{212}^{(11)} - 2m_{101}^{(11)}m_{002}^{(10)}m_{320}^{(22)}$$
$$+6m_{101}^{(11)}m_{002}^{(10)}m_{311}^{(21)} - 2m_{101}^{(11)}m_{002}^{(10)}m_{302}^{(11)} - 2m_{101}^{(11)}m_{002}^{(10)}m_{221}^{(20)} - 2m_{101}^{(11)}m_{002}^{(10)}m_{212}^{(10)}$$
$$+2m_{101}^{(11)}m_{002}^{(10)}m_{122}^{(00)} + m_{101}^{(11)}m_{002}^{(11)}m_{410}^{(22)} - 4m_{101}^{(11)}m_{002}^{(11)}m_{401}^{(21)} + 2m_{101}^{(11)}m_{002}^{(11)}m_{311}^{(20)}$$
$$+4m_{101}^{(11)}m_{002}^{(11)}m_{302}^{(10)} - 3m_{101}^{(11)}m_{002}^{(11)}m_{212}^{(00)} - 2m_{101}^{(11)}m_{002}^{(20)}m_{320}^{(21)} + 2m_{101}^{(11)}m_{002}^{(20)}m_{230}^{(20)}$$
$$+2m_{101}^{(11)}m_{002}^{(20)}m_{221}^{(10)} - 2m_{101}^{(11)}m_{002}^{(20)}m_{131}^{(00)} + 2m_{101}^{(11)}m_{002}^{(21)}m_{410}^{(21)} + 2m_{101}^{(11)}m_{002}^{(21)}m_{401}^{(11)}$$
$$-2m_{101}^{(11)}m_{002}^{(21)}m_{320}^{(20)} - 6m_{101}^{(11)}m_{002}^{(21)}m_{311}^{(10)} + 4m_{101}^{(11)}m_{002}^{(21)}m_{221}^{(00)} - m_{101}^{(11)}m_{002}^{(22)}m_{410}^{(11)}$$
$$+2m_{101}^{(11)}m_{002}^{(22)}m_{320}^{(10)} - m_{101}^{(11)}m_{002}^{(22)}m_{230}^{(00)} - 4m_{101}^{(20)}m_{101}^{(21)}m_{221}^{(11)} + 8m_{101}^{(20)}m_{101}^{(21)}m_{131}^{(10)}$$
$$-4m_{101}^{(20)}m_{101}^{(21)}m_{041}^{(00)} + 2m_{101}^{(20)}m_{101}^{(22)}m_{230}^{(11)} - 4m_{101}^{(20)}m_{101}^{(22)}m_{140}^{(10)} + 2m_{101}^{(20)}m_{101}^{(22)}m_{050}^{(00)}$$
$$-2m_{101}^{(20)}m_{020}^{(00)}m_{131}^{(22)} + 4m_{101}^{(20)}m_{020}^{(00)}m_{122}^{(21)} - 2m_{101}^{(20)}m_{020}^{(00)}m_{113}^{(11)} + 2m_{101}^{(20)}m_{020}^{(10)}m_{221}^{(22)}$$
$$-4m_{101}^{(20)}m_{020}^{(10)}m_{212}^{(21)} + 4m_{101}^{(20)}m_{020}^{(10)}m_{203}^{(11)} - 4m_{101}^{(20)}m_{020}^{(10)}m_{113}^{(10)} + 2m_{101}^{(20)}m_{020}^{(10)}m_{023}^{(00)}$$
$$+2m_{101}^{(20)}m_{020}^{(20)}m_{230}^{(22)} - 4m_{101}^{(20)}m_{020}^{(20)}m_{221}^{(21)} + 4m_{101}^{(20)}m_{020}^{(20)}m_{122}^{(10)} - 2m_{101}^{(20)}m_{020}^{(20)}m_{032}^{(00)}$$
$$-2m_{101}^{(20)}m_{020}^{(21)}m_{320}^{(22)} + 4m_{101}^{(20)}m_{020}^{(21)}m_{311}^{(21)} - 4m_{101}^{(20)}m_{020}^{(21)}m_{302}^{(11)} + 4m_{101}^{(20)}m_{020}^{(21)}m_{212}^{(10)}$$
$$-2m_{101}^{(20)}m_{020}^{(21)}m_{122}^{(00)} + 2m_{101}^{(20)}m_{020}^{(22)}m_{311}^{(11)} - 4m_{101}^{(20)}m_{020}^{(22)}m_{221}^{(10)} + 2m_{101}^{(20)}m_{020}^{(22)}m_{131}^{(00)}$$
$$+2m_{101}^{(20)}m_{011}^{(00)}m_{140}^{(22)} - 4m_{101}^{(20)}m_{011}^{(00)}m_{131}^{(21)} + 2m_{101}^{(20)}m_{011}^{(00)}m_{122}^{(11)} - 4m_{101}^{(20)}m_{011}^{(10)}m_{230}^{(22)}$$
$$+8m_{101}^{(20)}m_{011}^{(10)}m_{221}^{(21)} - 8m_{101}^{(20)}m_{011}^{(10)}m_{212}^{(11)} + 8m_{101}^{(20)}m_{011}^{(10)}m_{122}^{(10)} - 4m_{101}^{(20)}m_{011}^{(10)}m_{032}^{(00)}$$
$$+2m_{101}^{(20)}m_{011}^{(11)}m_{320}^{(22)} - 4m_{101}^{(20)}m_{011}^{(11)}m_{311}^{(21)} + 4m_{101}^{(20)}m_{011}^{(11)}m_{302}^{(11)} - 4m_{101}^{(20)}m_{011}^{(11)}m_{212}^{(10)}$$
$$+2m_{101}^{(20)}m_{011}^{(11)}m_{122}^{(00)} + 4m_{101}^{(20)}m_{011}^{(20)}m_{221}^{(11)} - 8m_{101}^{(20)}m_{011}^{(20)}m_{131}^{(10)} + 4m_{101}^{(20)}m_{011}^{(20)}m_{041}^{(00)}$$
$$-2m_{101}^{(20)}m_{011}^{(22)}m_{320}^{(11)} + 4m_{101}^{(20)}m_{011}^{(22)}m_{230}^{(10)} - 2m_{101}^{(20)}m_{011}^{(22)}m_{140}^{(00)} + 2m_{101}^{(20)}m_{002}^{(10)}m_{221}^{(11)}$$
$$-4m_{101}^{(20)}m_{002}^{(10)}m_{131}^{(10)} + 2m_{101}^{(20)}m_{002}^{(10)}m_{041}^{(00)} - 2m_{101}^{(20)}m_{002}^{(11)}m_{311}^{(11)} + 4m_{101}^{(20)}m_{002}^{(11)}m_{221}^{(10)}$$
$$-2m_{101}^{(20)}m_{002}^{(11)}m_{131}^{(00)} - 2m_{101}^{(20)}m_{002}^{(20)}m_{230}^{(11)} + 4m_{101}^{(20)}m_{002}^{(20)}m_{140}^{(10)} - 2m_{101}^{(20)}m_{002}^{(20)}m_{050}^{(00)}$$
$$+2m_{101}^{(20)}m_{002}^{(21)}m_{320}^{(11)} - 4m_{101}^{(20)}m_{002}^{(21)}m_{230}^{(10)} + 2m_{101}^{(20)}m_{002}^{(21)}m_{140}^{(00)} + 4(m_{101}^{(21)})^2m_{311}^{(11)}$$
$$-8(m_{101}^{(21)})^2m_{221}^{(10)} + 4(m_{101}^{(21)})^2m_{131}^{(00)} - 2m_{101}^{(21)}m_{101}^{(22)}m_{320}^{(11)} + 4m_{101}^{(21)}m_{101}^{(22)}m_{230}^{(10)}$$
$$-2m_{101}^{(21)}m_{101}^{(22)}m_{140}^{(00)} + 2m_{101}^{(21)}m_{020}^{(10)}m_{311}^{(22)} - 4m_{101}^{(21)}m_{020}^{(10)}m_{212}^{(20)} + 2m_{101}^{(21)}m_{020}^{(10)}m_{113}^{(00)}$$
$$-2m_{101}^{(21)}m_{020}^{(11)}m_{401}^{(22)} + 4m_{101}^{(21)}m_{020}^{(11)}m_{302}^{(20)} - 2m_{101}^{(21)}m_{020}^{(11)}m_{203}^{(00)} - 2m_{101}^{(21)}m_{020}^{(20)}m_{320}^{(22)}$$
$$+4m_{101}^{(21)}m_{020}^{(20)}m_{221}^{(20)} - 2m_{101}^{(21)}m_{020}^{(20)}m_{122}^{(00)} + 2m_{101}^{(21)}m_{020}^{(21)}m_{410}^{(22)} - 4m_{101}^{(21)}m_{020}^{(21)}m_{311}^{(20)}$$
$$+2m_{101}^{(21)}m_{020}^{(21)}m_{212}^{(00)} - 2m_{101}^{(21)}m_{011}^{(00)}m_{230}^{(22)} + 4m_{101}^{(21)}m_{011}^{(00)}m_{221}^{(21)} - 2m_{101}^{(21)}m_{011}^{(00)}m_{212}^{(11)}$$
$$+4m_{101}^{(21)}m_{011}^{(10)}m_{320}^{(22)} - 8m_{101}^{(21)}m_{011}^{(10)}m_{311}^{(21)} + 4m_{101}^{(21)}m_{011}^{(10)}m_{302}^{(11)} - 2m_{101}^{(21)}m_{011}^{(11)}m_{410}^{(22)}$$
$$+4m_{101}^{(21)}m_{011}^{(11)}m_{401}^{(21)} - 4m_{101}^{(21)}m_{011}^{(11)}m_{302}^{(10)} + 2m_{101}^{(21)}m_{011}^{(11)}m_{212}^{(00)} - 4m_{101}^{(21)}m_{011}^{(21)}m_{401}^{(11)}$$
$$+8m_{101}^{(21)}m_{011}^{(21)}m_{311}^{(10)} - 4m_{101}^{(21)}m_{011}^{(21)}m_{221}^{(00)} + 2m_{101}^{(21)}m_{011}^{(22)}m_{410}^{(11)} - 4m_{101}^{(21)}m_{011}^{(22)}m_{320}^{(10)}$$
$$+2m_{101}^{(21)}m_{011}^{(22)}m_{230}^{(00)} - 2m_{101}^{(21)}m_{002}^{(10)}m_{311}^{(11)} + 4m_{101}^{(21)}m_{002}^{(10)}m_{221}^{(10)} - 2m_{101}^{(21)}m_{002}^{(10)}m_{131}^{(00)}$$
$$+2m_{101}^{(21)}m_{002}^{(11)}m_{401}^{(11)} - 4m_{101}^{(21)}m_{002}^{(11)}m_{311}^{(10)} + 2m_{101}^{(21)}m_{002}^{(11)}m_{221}^{(00)} + 2m_{101}^{(21)}m_{002}^{(20)}m_{320}^{(11)}$$
$$-4m_{101}^{(21)}m_{002}^{(20)}m_{230}^{(10)} + 2m_{101}^{(21)}m_{002}^{(20)}m_{140}^{(00)} - 2m_{101}^{(21)}m_{002}^{(21)}m_{410}^{(11)} + 4m_{101}^{(21)}m_{002}^{(21)}m_{320}^{(10)}$$
$$-2m_{101}^{(21)}m_{002}^{(21)}m_{230}^{(00)} + m_{101}^{(22)}m_{020}^{(00)}m_{230}^{(22)} - 2m_{101}^{(22)}m_{020}^{(00)}m_{221}^{(21)} + m_{101}^{(22)}m_{020}^{(00)}m_{212}^{(11)}$$
$$-2m_{101}^{(22)}m_{020}^{(10)}m_{320}^{(22)} + 2m_{101}^{(22)}m_{020}^{(10)}m_{311}^{(21)} - 2m_{101}^{(22)}m_{020}^{(10)}m_{302}^{(11)} + 2m_{101}^{(22)}m_{020}^{(10)}m_{221}^{(20)}$$
$$+2m_{101}^{(22)}m_{020}^{(10)}m_{212}^{(10)} - 2m_{101}^{(22)}m_{020}^{(10)}m_{122}^{(00)} + m_{101}^{(22)}m_{020}^{(11)}m_{410}^{(22)} - 2m_{101}^{(22)}m_{020}^{(11)}m_{311}^{(20)}$$
$$+m_{101}^{(22)}m_{020}^{(11)}m_{212}^{(00)} + 2m_{101}^{(22)}m_{020}^{(20)}m_{320}^{(21)} - 2m_{101}^{(22)}m_{020}^{(20)}m_{230}^{(20)} - 2m_{101}^{(22)}m_{020}^{(20)}m_{221}^{(10)}$$
$$+2m_{101}^{(22)}m_{020}^{(20)}m_{131}^{(00)} - 2m_{101}^{(22)}m_{020}^{(21)}m_{410}^{(21)} + 2m_{101}^{(22)}m_{020}^{(21)}m_{401}^{(11)} + 2m_{101}^{(22)}m_{020}^{(21)}m_{320}^{(20)}$$

$$
\begin{aligned}
&-2m_{101}^{(22)}m_{020}^{(21)}m_{311}^{(10)} - m_{101}^{(22)}m_{020}^{(22)}m_{410}^{(11)} + 2m_{101}^{(22)}m_{020}^{(22)}m_{320}^{(10)} - m_{101}^{(22)}m_{020}^{(22)}m_{230}^{(00)}\\
&+2m_{101}^{(22)}m_{011}^{(10)}m_{311}^{(11)} - 4m_{101}^{(22)}m_{011}^{(10)}m_{221}^{(10)} + 2m_{101}^{(22)}m_{011}^{(10)}m_{131}^{(00)} - 2m_{101}^{(22)}m_{011}^{(11)}m_{401}^{(11)}\\
&+4m_{101}^{(22)}m_{011}^{(11)}m_{311}^{(10)} - 2m_{101}^{(22)}m_{011}^{(11)}m_{221}^{(00)} - 2m_{101}^{(22)}m_{011}^{(20)}m_{320}^{(11)} + 4m_{101}^{(22)}m_{011}^{(20)}m_{230}^{(10)}\\
&-2m_{101}^{(22)}m_{011}^{(20)}m_{140}^{(00)} + 2m_{101}^{(22)}m_{011}^{(21)}m_{410}^{(11)} - 4m_{101}^{(22)}m_{011}^{(21)}m_{320}^{(10)} + 2m_{101}^{(22)}m_{011}^{(21)}m_{230}^{(00)}\\
&+(m_{020}^{(00)})^2m_{113}^{(22)} - (m_{020}^{(00)})^2m_{104}^{(21)} - (m_{020}^{(00)})^2m_{014}^{(20)} + (m_{020}^{(00)})^2m_{005}^{(10)}\\
&-m_{020}^{(00)}m_{020}^{(10)}m_{203}^{(22)} + 2m_{020}^{(00)}m_{020}^{(10)}m_{104}^{(20)} - m_{020}^{(00)}m_{020}^{(10)}m_{005}^{(00)} - 3m_{020}^{(00)}m_{020}^{(20)}m_{212}^{(22)}\\
&+4m_{020}^{(00)}m_{020}^{(20)}m_{203}^{(21)} + 2m_{020}^{(00)}m_{020}^{(20)}m_{113}^{(20)} - 4m_{020}^{(00)}m_{020}^{(20)}m_{104}^{(10)} + m_{020}^{(00)}m_{020}^{(20)}m_{014}^{(00)}\\
&+m_{020}^{(00)}m_{020}^{(21)}m_{302}^{(22)} - 2m_{020}^{(00)}m_{020}^{(21)}m_{203}^{(20)} + m_{020}^{(00)}m_{020}^{(21)}m_{104}^{(00)} + m_{020}^{(00)}m_{020}^{(22)}m_{311}^{(22)}\\
&-2m_{020}^{(00)}m_{020}^{(22)}m_{302}^{(21)} + 2m_{020}^{(00)}m_{020}^{(22)}m_{203}^{(10)} - m_{020}^{(00)}m_{020}^{(22)}m_{113}^{(00)} - 3m_{020}^{(00)}m_{011}^{(00)}m_{122}^{(22)}\\
&+2m_{020}^{(00)}m_{011}^{(00)}m_{113}^{(21)} + m_{020}^{(00)}m_{011}^{(00)}m_{104}^{(11)} + 4m_{020}^{(00)}m_{011}^{(00)}m_{023}^{(20)} - 4m_{020}^{(00)}m_{011}^{(00)}m_{014}^{(10)}\\
&+2m_{020}^{(00)}m_{011}^{(10)}m_{212}^{(22)} - 4m_{020}^{(00)}m_{011}^{(10)}m_{113}^{(20)} + 2m_{020}^{(00)}m_{011}^{(10)}m_{014}^{(00)} + 4m_{020}^{(00)}m_{011}^{(20)}m_{221}^{(22)}\\
&-4m_{020}^{(00)}m_{011}^{(20)}m_{212}^{(21)} - 2m_{020}^{(00)}m_{011}^{(20)}m_{203}^{(11)} - 4m_{020}^{(00)}m_{011}^{(20)}m_{122}^{(20)} + 8m_{020}^{(00)}m_{011}^{(20)}m_{113}^{(10)}\\
&-2m_{020}^{(00)}m_{011}^{(20)}m_{023}^{(00)} - 2m_{020}^{(00)}m_{011}^{(21)}m_{311}^{(22)} + 4m_{020}^{(00)}m_{011}^{(21)}m_{212}^{(20)} - 2m_{020}^{(00)}m_{011}^{(21)}m_{113}^{(00)}\\
&-m_{020}^{(00)}m_{011}^{(22)}m_{320}^{(22)} + 2m_{020}^{(00)}m_{011}^{(22)}m_{311}^{(21)} + m_{020}^{(00)}m_{011}^{(22)}m_{302}^{(11)} - 4m_{020}^{(00)}m_{011}^{(22)}m_{212}^{(10)}\\
&+2m_{020}^{(00)}m_{011}^{(22)}m_{122}^{(00)} + m_{020}^{(00)}m_{002}^{(00)}m_{131}^{(22)} - m_{020}^{(00)}m_{002}^{(00)}m_{113}^{(11)} - 2m_{020}^{(00)}m_{002}^{(00)}m_{032}^{(20)}\\
&+2m_{020}^{(00)}m_{002}^{(00)}m_{023}^{(10)} - m_{020}^{(00)}m_{002}^{(10)}m_{221}^{(22)} + 2m_{020}^{(00)}m_{002}^{(10)}m_{122}^{(20)} - m_{020}^{(00)}m_{002}^{(10)}m_{023}^{(00)}\\
&-m_{020}^{(00)}m_{002}^{(20)}m_{230}^{(22)} + 2m_{020}^{(00)}m_{002}^{(20)}m_{212}^{(11)} + 2m_{020}^{(00)}m_{002}^{(20)}m_{131}^{(20)} - 4m_{020}^{(00)}m_{002}^{(20)}m_{122}^{(10)}\\
&+m_{020}^{(00)}m_{002}^{(20)}m_{032}^{(00)} + m_{020}^{(00)}m_{002}^{(21)}m_{320}^{(22)} - 2m_{020}^{(00)}m_{002}^{(21)}m_{221}^{(20)} + m_{020}^{(00)}m_{002}^{(21)}m_{122}^{(00)}\\
&-m_{020}^{(00)}m_{002}^{(22)}m_{311}^{(11)} + 2m_{020}^{(00)}m_{002}^{(22)}m_{221}^{(10)} - m_{020}^{(00)}m_{002}^{(22)}m_{131}^{(00)} + 2m_{020}^{(10)}m_{020}^{(20)}m_{302}^{(22)}\\
&-4m_{020}^{(10)}m_{020}^{(20)}m_{203}^{(20)} + 2m_{020}^{(10)}m_{020}^{(20)}m_{104}^{(00)} - m_{020}^{(10)}m_{020}^{(22)}m_{401}^{(22)} + 2m_{020}^{(10)}m_{020}^{(22)}m_{302}^{(20)}\\
&-m_{020}^{(10)}m_{020}^{(22)}m_{203}^{(00)} + 4m_{020}^{(10)}m_{011}^{(00)}m_{212}^{(22)} - 2m_{020}^{(10)}m_{011}^{(00)}m_{203}^{(21)} - 6m_{020}^{(10)}m_{011}^{(00)}m_{113}^{(20)}\\
&+2m_{020}^{(10)}m_{011}^{(00)}m_{104}^{(10)} + 2m_{020}^{(10)}m_{011}^{(00)}m_{014}^{(00)} - 2m_{020}^{(10)}m_{011}^{(10)}m_{302}^{(22)} + 4m_{020}^{(10)}m_{011}^{(10)}m_{203}^{(20)}\\
&-2m_{020}^{(10)}m_{011}^{(10)}m_{104}^{(00)} - 6m_{020}^{(10)}m_{011}^{(20)}m_{311}^{(22)} + 4m_{020}^{(10)}m_{011}^{(20)}m_{302}^{(21)} + 8m_{020}^{(10)}m_{011}^{(20)}m_{212}^{(20)}\\
&-4m_{020}^{(10)}m_{011}^{(20)}m_{203}^{(10)} - 2m_{020}^{(10)}m_{011}^{(20)}m_{113}^{(00)} + 2m_{020}^{(10)}m_{011}^{(21)}m_{401}^{(22)} - 4m_{020}^{(10)}m_{011}^{(21)}m_{302}^{(20)}\\
&+2m_{020}^{(10)}m_{011}^{(21)}m_{203}^{(00)} + 2m_{020}^{(10)}m_{011}^{(22)}m_{410}^{(22)} - 2m_{020}^{(10)}m_{011}^{(22)}m_{401}^{(21)} - 2m_{020}^{(10)}m_{011}^{(22)}m_{311}^{(20)}\\
&+2m_{020}^{(10)}m_{011}^{(22)}m_{302}^{(10)} - 2m_{020}^{(10)}m_{002}^{(00)}m_{221}^{(22)} + m_{020}^{(10)}m_{002}^{(00)}m_{203}^{(11)} + 4m_{020}^{(10)}m_{002}^{(00)}m_{122}^{(20)}\\
&-2m_{020}^{(10)}m_{002}^{(00)}m_{113}^{(10)} - m_{020}^{(10)}m_{002}^{(00)}m_{023}^{(00)} + 2m_{020}^{(10)}m_{002}^{(10)}m_{311}^{(22)} - 4m_{020}^{(10)}m_{002}^{(10)}m_{212}^{(20)}\\
&+2m_{020}^{(10)}m_{002}^{(10)}m_{113}^{(00)} + 2m_{020}^{(10)}m_{002}^{(20)}m_{320}^{(22)} - 2m_{020}^{(10)}m_{002}^{(20)}m_{302}^{(11)} - 4m_{020}^{(10)}m_{002}^{(20)}m_{221}^{(20)}\\
&+4m_{020}^{(10)}m_{002}^{(20)}m_{212}^{(10)} - 2m_{020}^{(10)}m_{002}^{(21)}m_{410}^{(22)} + 4m_{020}^{(10)}m_{002}^{(21)}m_{311}^{(20)} - 2m_{020}^{(10)}m_{002}^{(21)}m_{212}^{(00)}\\
&+m_{020}^{(10)}m_{002}^{(22)}m_{401}^{(11)} - 2m_{020}^{(10)}m_{002}^{(22)}m_{311}^{(10)} + m_{020}^{(10)}m_{002}^{(22)}m_{221}^{(00)} - m_{020}^{(11)}m_{011}^{(00)}m_{302}^{(22)}\\
&+2m_{020}^{(11)}m_{011}^{(00)}m_{203}^{(20)} - m_{020}^{(11)}m_{011}^{(00)}m_{104}^{(00)} + 2m_{020}^{(11)}m_{011}^{(20)}m_{401}^{(22)} - 4m_{020}^{(11)}m_{011}^{(20)}m_{302}^{(20)}\\
&+2m_{020}^{(11)}m_{011}^{(20)}m_{203}^{(00)} - m_{020}^{(11)}m_{011}^{(22)}m_{500}^{(22)} + 2m_{020}^{(11)}m_{011}^{(22)}m_{401}^{(20)} - m_{020}^{(11)}m_{011}^{(22)}m_{302}^{(00)}\\
&+m_{020}^{(11)}m_{002}^{(00)}m_{311}^{(22)} - 2m_{020}^{(11)}m_{002}^{(00)}m_{212}^{(20)} + m_{020}^{(11)}m_{002}^{(00)}m_{113}^{(00)} - m_{020}^{(11)}m_{002}^{(10)}m_{401}^{(22)}\\
&+2m_{020}^{(11)}m_{002}^{(10)}m_{302}^{(20)} - m_{020}^{(11)}m_{002}^{(10)}m_{203}^{(00)} - m_{020}^{(11)}m_{002}^{(20)}m_{410}^{(22)} + 2m_{020}^{(11)}m_{002}^{(20)}m_{311}^{(20)}\\
&-m_{020}^{(11)}m_{002}^{(20)}m_{212}^{(00)} + m_{020}^{(11)}m_{002}^{(21)}m_{500}^{(22)} - 2m_{020}^{(11)}m_{002}^{(21)}m_{401}^{(20)} + m_{020}^{(11)}m_{002}^{(21)}m_{302}^{(00)}\\
&+2(m_{020}^{(20)})^2m_{311}^{(22)} - 4(m_{020}^{(20)})^2m_{302}^{(21)} + 4(m_{020}^{(20)})^2m_{203}^{(10)} - 2(m_{020}^{(20)})^2m_{113}^{(00)}\\
&-2m_{020}^{(20)}m_{020}^{(21)}m_{401}^{(22)} + 4m_{020}^{(20)}m_{020}^{(21)}m_{302}^{(20)} - 2m_{020}^{(20)}m_{020}^{(21)}m_{203}^{(00)} - m_{020}^{(20)}m_{020}^{(22)}m_{410}^{(22)}\\
&+4m_{020}^{(20)}m_{020}^{(22)}m_{401}^{(21)} - 2m_{020}^{(20)}m_{020}^{(22)}m_{311}^{(20)} - 4m_{020}^{(20)}m_{020}^{(22)}m_{302}^{(10)} + 3m_{020}^{(20)}m_{020}^{(22)}m_{212}^{(00)}
\end{aligned}
$$

$$
\begin{aligned}
&+2m_{020}^{(20)}m_{011}^{(00)}m_{221}^{(22)} - 2m_{020}^{(20)}m_{011}^{(00)}m_{212}^{(21)} - 2m_{020}^{(20)}m_{011}^{(00)}m_{203}^{(11)} - 2m_{020}^{(20)}m_{011}^{(00)}m_{122}^{(20)}\\
&+6m_{020}^{(20)}m_{011}^{(00)}m_{113}^{(10)} - 2m_{020}^{(20)}m_{011}^{(00)}m_{023}^{(00)} - 2m_{020}^{(20)}m_{011}^{(10)}m_{311}^{(22)} + 4m_{020}^{(20)}m_{011}^{(10)}m_{212}^{(20)}\\
&-2m_{020}^{(20)}m_{011}^{(10)}m_{113}^{(00)} - 2m_{020}^{(20)}m_{011}^{(20)}m_{320}^{(22)} + 4m_{020}^{(20)}m_{011}^{(20)}m_{311}^{(21)} + 4m_{020}^{(20)}m_{011}^{(20)}m_{302}^{(11)}\\
&-12m_{020}^{(20)}m_{011}^{(20)}m_{212}^{(10)} + 6m_{020}^{(20)}m_{011}^{(20)}m_{122}^{(00)} + 2m_{020}^{(20)}m_{011}^{(21)}m_{410}^{(22)} - 4m_{020}^{(20)}m_{011}^{(21)}m_{311}^{(20)}\\
&+2m_{020}^{(20)}m_{011}^{(21)}m_{212}^{(00)} - 2m_{020}^{(20)}m_{011}^{(22)}m_{410}^{(21)} - 2m_{020}^{(20)}m_{011}^{(22)}m_{401}^{(11)} + 2m_{020}^{(20)}m_{011}^{(22)}m_{320}^{(20)}\\
&+6m_{020}^{(20)}m_{011}^{(22)}m_{311}^{(10)} - 4m_{020}^{(20)}m_{011}^{(22)}m_{221}^{(00)} + m_{020}^{(20)}m_{002}^{(00)}m_{212}^{(11)} - 2m_{020}^{(20)}m_{002}^{(00)}m_{122}^{(10)}\\
&+m_{020}^{(20)}m_{002}^{(00)}m_{032}^{(00)} - 2m_{020}^{(20)}m_{002}^{(20)}m_{311}^{(11)} + 4m_{020}^{(20)}m_{002}^{(20)}m_{221}^{(10)} - 2m_{020}^{(20)}m_{002}^{(20)}m_{131}^{(00)}\\
&+m_{020}^{(20)}m_{002}^{(22)}m_{410}^{(11)} - 2m_{020}^{(20)}m_{002}^{(22)}m_{320}^{(10)} + m_{020}^{(20)}m_{002}^{(22)}m_{230}^{(00)} + m_{020}^{(21)}m_{020}^{(22)}m_{500}^{(22)}\\
&-2m_{020}^{(21)}m_{020}^{(22)}m_{401}^{(20)} + m_{020}^{(21)}m_{020}^{(22)}m_{302}^{(00)} - 2m_{020}^{(21)}m_{011}^{(00)}m_{311}^{(22)} + 2m_{020}^{(21)}m_{011}^{(00)}m_{302}^{(21)}\\
&+2m_{020}^{(21)}m_{011}^{(00)}m_{212}^{(20)} - 2m_{020}^{(21)}m_{011}^{(00)}m_{203}^{(10)} + 2m_{020}^{(21)}m_{011}^{(10)}m_{401}^{(22)} - 4m_{020}^{(21)}m_{011}^{(10)}m_{302}^{(20)}\\
&+2m_{020}^{(21)}m_{011}^{(10)}m_{203}^{(00)} + 2m_{020}^{(21)}m_{011}^{(20)}m_{410}^{(22)} - 4m_{020}^{(21)}m_{011}^{(20)}m_{401}^{(21)} + 4m_{020}^{(21)}m_{011}^{(20)}m_{302}^{(10)}\\
&-2m_{020}^{(21)}m_{011}^{(20)}m_{212}^{(00)} - 2m_{020}^{(21)}m_{011}^{(21)}m_{500}^{(22)} + 4m_{020}^{(21)}m_{011}^{(21)}m_{401}^{(20)} - 2m_{020}^{(21)}m_{011}^{(21)}m_{302}^{(00)}\\
&+2m_{020}^{(21)}m_{011}^{(22)}m_{500}^{(21)} - 2m_{020}^{(21)}m_{011}^{(22)}m_{410}^{(20)} - 2m_{020}^{(21)}m_{011}^{(22)}m_{401}^{(10)} + 2m_{020}^{(21)}m_{011}^{(22)}m_{311}^{(00)}\\
&-m_{020}^{(21)}m_{002}^{(00)}m_{302}^{(11)} + 2m_{020}^{(21)}m_{002}^{(00)}m_{212}^{(10)} - m_{020}^{(21)}m_{002}^{(00)}m_{122}^{(00)} + 2m_{020}^{(21)}m_{002}^{(20)}m_{401}^{(11)}\\
&-4m_{020}^{(21)}m_{002}^{(20)}m_{311}^{(10)} + 2m_{020}^{(21)}m_{002}^{(20)}m_{221}^{(00)} - m_{020}^{(21)}m_{002}^{(22)}m_{500}^{(11)} + 2m_{020}^{(21)}m_{002}^{(22)}m_{410}^{(10)}\\
&-m_{020}^{(21)}m_{002}^{(22)}m_{320}^{(00)} - (m_{020}^{(22)})^2m_{500}^{(21)} + (m_{020}^{(22)})^2m_{410}^{(20)} + (m_{020}^{(22)})^2m_{401}^{(10)}\\
&-(m_{020}^{(22)})^2m_{311}^{(00)} + m_{020}^{(22)}m_{011}^{(00)}m_{302}^{(11)} - 2m_{020}^{(22)}m_{011}^{(00)}m_{212}^{(10)} + m_{020}^{(22)}m_{011}^{(00)}m_{122}^{(00)}\\
&-2m_{020}^{(22)}m_{011}^{(20)}m_{401}^{(11)} + 4m_{020}^{(22)}m_{011}^{(20)}m_{311}^{(10)} - 2m_{020}^{(22)}m_{011}^{(20)}m_{221}^{(00)} + m_{020}^{(22)}m_{011}^{(22)}m_{500}^{(11)}\\
&-2m_{020}^{(22)}m_{011}^{(22)}m_{410}^{(10)} + m_{020}^{(22)}m_{011}^{(22)}m_{320}^{(00)} + 2(m_{011}^{(00)})^2m_{131}^{(22)} - 2(m_{011}^{(00)})^2m_{113}^{(11)}\\
&-4(m_{011}^{(00)})^2m_{032}^{(20)} + 4(m_{011}^{(00)})^2m_{023}^{(10)} - 6m_{011}^{(00)}m_{011}^{(10)}m_{221}^{(22)} + 2m_{011}^{(00)}m_{011}^{(10)}m_{203}^{(11)}\\
&+12m_{011}^{(00)}m_{011}^{(10)}m_{122}^{(20)} - 4m_{011}^{(00)}m_{011}^{(10)}m_{113}^{(10)} - 4m_{011}^{(00)}m_{011}^{(10)}m_{023}^{(00)} + 2m_{011}^{(00)}m_{011}^{(11)}m_{311}^{(22)}\\
&-4m_{011}^{(00)}m_{011}^{(11)}m_{212}^{(20)} + 2m_{011}^{(00)}m_{011}^{(11)}m_{113}^{(00)} - 2m_{011}^{(00)}m_{011}^{(20)}m_{230}^{(22)} + 6m_{011}^{(00)}m_{011}^{(20)}m_{212}^{(11)}\\
&+4m_{011}^{(00)}m_{011}^{(20)}m_{131}^{(20)} - 12m_{011}^{(00)}m_{011}^{(20)}m_{122}^{(10)} + 4m_{011}^{(00)}m_{011}^{(20)}m_{032}^{(00)} + 2m_{011}^{(00)}m_{011}^{(21)}m_{320}^{(22)}\\
&-2m_{011}^{(00)}m_{011}^{(21)}m_{302}^{(11)} - 4m_{011}^{(00)}m_{011}^{(21)}m_{221}^{(20)} + 4m_{011}^{(00)}m_{011}^{(21)}m_{212}^{(10)} - 2m_{011}^{(00)}m_{011}^{(22)}m_{311}^{(11)}\\
&+4m_{011}^{(00)}m_{011}^{(22)}m_{221}^{(10)} - 2m_{011}^{(00)}m_{011}^{(22)}m_{131}^{(00)} - m_{011}^{(00)}m_{002}^{(00)}m_{140}^{(22)} - 2m_{011}^{(00)}m_{002}^{(00)}m_{131}^{(21)}\\
&+3m_{011}^{(00)}m_{002}^{(00)}m_{122}^{(11)} + 4m_{011}^{(00)}m_{002}^{(00)}m_{041}^{(20)} - 4m_{011}^{(00)}m_{002}^{(00)}m_{032}^{(10)} + 2m_{011}^{(00)}m_{002}^{(10)}m_{230}^{(22)}\\
&+2m_{011}^{(00)}m_{002}^{(10)}m_{221}^{(21)} - 2m_{011}^{(00)}m_{002}^{(10)}m_{212}^{(11)} - 6m_{011}^{(00)}m_{002}^{(10)}m_{131}^{(20)} + 2m_{011}^{(00)}m_{002}^{(10)}m_{122}^{(10)}\\
&+2m_{011}^{(00)}m_{002}^{(10)}m_{032}^{(00)} - m_{011}^{(00)}m_{002}^{(11)}m_{320}^{(22)} + 2m_{011}^{(00)}m_{002}^{(11)}m_{221}^{(20)} - m_{011}^{(00)}m_{002}^{(11)}m_{122}^{(00)}\\
&+2m_{011}^{(00)}m_{002}^{(20)}m_{230}^{(21)} - 4m_{011}^{(00)}m_{002}^{(20)}m_{221}^{(11)} - 2m_{011}^{(00)}m_{002}^{(20)}m_{140}^{(20)} + 6m_{011}^{(00)}m_{002}^{(20)}m_{131}^{(10)}\\
&-2m_{011}^{(00)}m_{002}^{(20)}m_{041}^{(00)} - 2m_{011}^{(00)}m_{002}^{(21)}m_{320}^{(21)} + 2m_{011}^{(00)}m_{002}^{(21)}m_{311}^{(11)} + 2m_{011}^{(00)}m_{002}^{(21)}m_{230}^{(20)}\\
&-2m_{011}^{(00)}m_{002}^{(21)}m_{221}^{(10)} + m_{011}^{(00)}m_{002}^{(22)}m_{320}^{(11)} - 2m_{011}^{(00)}m_{002}^{(22)}m_{230}^{(10)} + m_{011}^{(00)}m_{002}^{(22)}m_{140}^{(00)}\\
&+4(m_{011}^{(10)})^2m_{311}^{(22)} - 8(m_{011}^{(10)})^2m_{212}^{(20)} + 4(m_{011}^{(10)})^2m_{113}^{(00)} - 2m_{011}^{(10)}m_{011}^{(11)}m_{401}^{(22)}\\
&+4m_{011}^{(10)}m_{011}^{(11)}m_{302}^{(20)} - 2m_{011}^{(10)}m_{011}^{(11)}m_{203}^{(00)} + 4m_{011}^{(10)}m_{011}^{(20)}m_{320}^{(22)} - 4m_{011}^{(10)}m_{011}^{(20)}m_{302}^{(11)}\\
&-8m_{011}^{(10)}m_{011}^{(20)}m_{221}^{(20)} + 8m_{011}^{(10)}m_{011}^{(20)}m_{212}^{(10)} - 4m_{011}^{(10)}m_{011}^{(21)}m_{410}^{(22)} + 8m_{011}^{(10)}m_{011}^{(21)}m_{311}^{(20)}\\
&-4m_{011}^{(10)}m_{011}^{(21)}m_{212}^{(00)} + 2m_{011}^{(10)}m_{011}^{(22)}m_{401}^{(11)} - 4m_{011}^{(10)}m_{011}^{(22)}m_{311}^{(10)} + 2m_{011}^{(10)}m_{011}^{(22)}m_{221}^{(00)}\\
&+2m_{011}^{(10)}m_{002}^{(00)}m_{230}^{(22)} + 4m_{011}^{(10)}m_{002}^{(00)}m_{221}^{(21)} - 4m_{011}^{(10)}m_{002}^{(00)}m_{212}^{(11)} - 8m_{011}^{(10)}m_{002}^{(00)}m_{131}^{(20)}\\
&+4m_{011}^{(10)}m_{002}^{(00)}m_{122}^{(10)} + 2m_{011}^{(10)}m_{002}^{(00)}m_{032}^{(00)} - 4m_{011}^{(10)}m_{002}^{(10)}m_{320}^{(22)} - 4m_{011}^{(10)}m_{002}^{(10)}m_{311}^{(21)}\\
&+2m_{011}^{(10)}m_{002}^{(10)}m_{302}^{(11)} + 12m_{011}^{(10)}m_{002}^{(10)}m_{221}^{(20)} - 6m_{011}^{(10)}m_{002}^{(10)}m_{122}^{(00)} + 2m_{011}^{(10)}m_{002}^{(11)}m_{410}^{(22)}
\end{aligned}
$$

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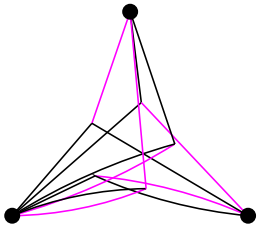
\begin{aligned}
&-4m_{011}^{(10)}m_{002}^{(11)}m_{311}^{(20)} + 2m_{011}^{(10)}m_{002}^{(11)}m_{212}^{(00)} - 4m_{011}^{(10)}m_{002}^{(20)}m_{320}^{(21)} + 6m_{011}^{(10)}m_{002}^{(20)}m_{311}^{(11)}\\
&+4m_{011}^{(10)}m_{002}^{(20)}m_{230}^{(20)} - 8m_{011}^{(10)}m_{002}^{(20)}m_{221}^{(10)} + 2m_{011}^{(10)}m_{002}^{(20)}m_{131}^{(00)} + 4m_{011}^{(10)}m_{002}^{(21)}m_{410}^{(21)}\\
&-2m_{011}^{(10)}m_{002}^{(21)}m_{401}^{(11)} - 4m_{011}^{(10)}m_{002}^{(21)}m_{320}^{(20)} + 2m_{011}^{(10)}m_{002}^{(21)}m_{221}^{(00)} - 2m_{011}^{(10)}m_{002}^{(22)}m_{410}^{(11)}\\
&+4m_{011}^{(10)}m_{002}^{(22)}m_{320}^{(10)} - 2m_{011}^{(10)}m_{002}^{(22)}m_{230}^{(00)} - 2m_{011}^{(11)}m_{011}^{(20)}m_{410}^{(22)} + 4m_{011}^{(11)}m_{011}^{(20)}m_{311}^{(20)}\\
&-2m_{011}^{(11)}m_{011}^{(20)}m_{212}^{(00)} + 2m_{011}^{(11)}m_{011}^{(21)}m_{500}^{(22)} - 4m_{011}^{(11)}m_{011}^{(21)}m_{401}^{(20)} + 2m_{011}^{(11)}m_{011}^{(21)}m_{302}^{(00)}\\
&-m_{011}^{(11)}m_{002}^{(00)}m_{320}^{(22)} - 2m_{011}^{(11)}m_{002}^{(00)}m_{311}^{(21)} + m_{011}^{(11)}m_{002}^{(00)}m_{302}^{(11)} + 4m_{011}^{(11)}m_{002}^{(00)}m_{221}^{(20)}\\
&-2m_{011}^{(11)}m_{002}^{(00)}m_{122}^{(00)} + 2m_{011}^{(11)}m_{002}^{(10)}m_{410}^{(22)} + 2m_{011}^{(11)}m_{002}^{(10)}m_{401}^{(21)} - 6m_{011}^{(11)}m_{002}^{(10)}m_{311}^{(20)}\\
&-2m_{011}^{(11)}m_{002}^{(10)}m_{302}^{(10)} + 4m_{011}^{(11)}m_{002}^{(10)}m_{212}^{(00)} - m_{011}^{(11)}m_{002}^{(11)}m_{500}^{(22)} + 2m_{011}^{(11)}m_{002}^{(11)}m_{401}^{(20)}\\
&-m_{011}^{(11)}m_{002}^{(11)}m_{302}^{(00)} + 2m_{011}^{(11)}m_{002}^{(20)}m_{410}^{(21)} - 2m_{011}^{(11)}m_{002}^{(20)}m_{401}^{(11)} - 2m_{011}^{(11)}m_{002}^{(20)}m_{320}^{(20)}\\
&+2m_{011}^{(11)}m_{002}^{(20)}m_{311}^{(10)} - 2m_{011}^{(11)}m_{002}^{(21)}m_{500}^{(21)} + 2m_{011}^{(11)}m_{002}^{(21)}m_{410}^{(20)} + 2m_{011}^{(11)}m_{002}^{(21)}m_{401}^{(10)}\\
&-2m_{011}^{(11)}m_{002}^{(21)}m_{311}^{(00)} + m_{011}^{(11)}m_{002}^{(22)}m_{500}^{(11)} - 2m_{011}^{(11)}m_{002}^{(22)}m_{410}^{(10)} + m_{011}^{(11)}m_{002}^{(22)}m_{320}^{(00)}\\
&-4(m_{011}^{(20)})^2m_{311}^{(11)} + 8(m_{011}^{(20)})^2m_{221}^{(10)} - 4(m_{011}^{(20)})^2m_{131}^{(00)} + 4m_{011}^{(20)}m_{011}^{(21)}m_{401}^{(11)}\\
&-8m_{011}^{(20)}m_{011}^{(21)}m_{311}^{(10)} + 4m_{011}^{(20)}m_{011}^{(21)}m_{221}^{(00)} + 2m_{011}^{(20)}m_{011}^{(22)}m_{410}^{(11)} - 4m_{011}^{(20)}m_{011}^{(22)}m_{320}^{(10)}\\
&+2m_{011}^{(20)}m_{011}^{(22)}m_{230}^{(00)} - 2m_{011}^{(20)}m_{002}^{(00)}m_{221}^{(11)} + 4m_{011}^{(20)}m_{002}^{(00)}m_{131}^{(10)} - 2m_{011}^{(20)}m_{002}^{(00)}m_{041}^{(00)}\\
&+2m_{011}^{(20)}m_{002}^{(10)}m_{311}^{(11)} - 4m_{011}^{(20)}m_{002}^{(10)}m_{221}^{(10)} + 2m_{011}^{(20)}m_{002}^{(10)}m_{131}^{(00)} + 2m_{011}^{(20)}m_{002}^{(20)}m_{320}^{(11)}\\
&-4m_{011}^{(20)}m_{002}^{(20)}m_{230}^{(10)} + 2m_{011}^{(20)}m_{002}^{(20)}m_{140}^{(00)} - 2m_{011}^{(20)}m_{002}^{(21)}m_{410}^{(11)} + 4m_{011}^{(20)}m_{002}^{(21)}m_{320}^{(10)}\\
&-2m_{011}^{(20)}m_{002}^{(21)}m_{230}^{(00)} - 2m_{011}^{(21)}m_{011}^{(22)}m_{500}^{(11)} + 4m_{011}^{(21)}m_{011}^{(22)}m_{410}^{(10)} - 2m_{011}^{(21)}m_{011}^{(22)}m_{320}^{(00)}\\
&+2m_{011}^{(21)}m_{002}^{(00)}m_{311}^{(11)} - 4m_{011}^{(21)}m_{002}^{(00)}m_{221}^{(10)} + 2m_{011}^{(21)}m_{002}^{(00)}m_{131}^{(00)} - 2m_{011}^{(21)}m_{002}^{(10)}m_{401}^{(11)}\\
&+4m_{011}^{(21)}m_{002}^{(10)}m_{311}^{(10)} - 2m_{011}^{(21)}m_{002}^{(10)}m_{221}^{(00)} - 2m_{011}^{(21)}m_{002}^{(20)}m_{410}^{(11)} + 4m_{011}^{(21)}m_{002}^{(20)}m_{320}^{(10)}\\
&-2m_{011}^{(21)}m_{002}^{(20)}m_{230}^{(00)} + 2m_{011}^{(21)}m_{002}^{(21)}m_{500}^{(11)} - 4m_{011}^{(21)}m_{002}^{(21)}m_{410}^{(10)} + 2m_{011}^{(21)}m_{002}^{(21)}m_{320}^{(00)}\\
&+(m_{002}^{(00)})^2m_{140}^{(21)} - (m_{002}^{(00)})^2m_{131}^{(11)} - (m_{002}^{(00)})^2m_{050}^{(20)} + (m_{002}^{(00)})^2m_{041}^{(10)}\\
&-4m_{002}^{(00)}m_{002}^{(10)}m_{230}^{(21)} + 3m_{002}^{(00)}m_{002}^{(10)}m_{221}^{(11)} + 4m_{002}^{(00)}m_{002}^{(10)}m_{140}^{(20)} - 2m_{002}^{(00)}m_{002}^{(10)}m_{131}^{(10)}\\
&-m_{002}^{(00)}m_{002}^{(10)}m_{041}^{(00)} + 2m_{002}^{(00)}m_{002}^{(11)}m_{320}^{(21)} - m_{002}^{(00)}m_{002}^{(11)}m_{311}^{(11)} - 2m_{002}^{(00)}m_{002}^{(11)}m_{230}^{(20)}\\
&+m_{002}^{(00)}m_{002}^{(11)}m_{131}^{(00)} + m_{002}^{(00)}m_{002}^{(20)}m_{230}^{(11)} - 2m_{002}^{(00)}m_{002}^{(20)}m_{140}^{(10)} + m_{002}^{(00)}m_{002}^{(20)}m_{050}^{(00)}\\
&-m_{002}^{(00)}m_{002}^{(21)}m_{320}^{(11)} + 2m_{002}^{(00)}m_{002}^{(21)}m_{230}^{(10)} - m_{002}^{(00)}m_{002}^{(21)}m_{140}^{(00)} + 4(m_{002}^{(10)})^2m_{320}^{(21)}\\
&-2(m_{002}^{(10)})^2m_{311}^{(11)} - 4(m_{002}^{(10)})^2m_{230}^{(20)} + 2(m_{002}^{(10)})^2m_{131}^{(00)} - 4m_{002}^{(10)}m_{002}^{(11)}m_{410}^{(21)}\\
&+m_{002}^{(10)}m_{002}^{(11)}m_{401}^{(11)} + 4m_{002}^{(10)}m_{002}^{(11)}m_{320}^{(20)} + 2m_{002}^{(10)}m_{002}^{(11)}m_{311}^{(10)} - 3m_{002}^{(10)}m_{002}^{(11)}m_{221}^{(00)}\\
&-2m_{002}^{(10)}m_{002}^{(20)}m_{320}^{(11)} + 4m_{002}^{(10)}m_{002}^{(20)}m_{230}^{(10)} - 2m_{002}^{(10)}m_{002}^{(20)}m_{140}^{(00)} + 2m_{002}^{(10)}m_{002}^{(21)}m_{410}^{(11)}\\
&-4m_{002}^{(10)}m_{002}^{(21)}m_{320}^{(10)} + 2m_{002}^{(10)}m_{002}^{(21)}m_{230}^{(00)} + (m_{002}^{(11)})^2m_{500}^{(21)} - (m_{002}^{(11)})^2m_{410}^{(20)}\\
&-(m_{002}^{(11)})^2m_{401}^{(10)} + (m_{002}^{(11)})^2m_{311}^{(00)} + m_{002}^{(11)}m_{002}^{(20)}m_{410}^{(11)} - 2m_{002}^{(11)}m_{002}^{(20)}m_{320}^{(10)}\\
&+m_{002}^{(11)}m_{002}^{(20)}m_{230}^{(00)} - m_{002}^{(11)}m_{002}^{(21)}m_{500}^{(11)} + 2m_{002}^{(11)}m_{002}^{(21)}m_{410}^{(10)} - m_{002}^{(11)}m_{002}^{(21)}m_{320}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{ccccc}
V1 & V1 & 1 & 1 & 1\\
1 & 1 & 2 & V2 & V3\\
V2 & 2 & V3 & 3 & 3
\end{array}
$$



$$
\begin{aligned}
T_{175} \;=\;& -m_{200}^{(10)} m_{200}^{(11)} m_{023}^{(22)} + 2m_{200}^{(10)} m_{200}^{(11)} m_{014}^{(21)} - m_{200}^{(10)} m_{200}^{(11)} m_{005}^{(11)} + 2m_{200}^{(10)} m_{200}^{(21)} m_{032}^{(22)} \\
& -4m_{200}^{(10)} m_{200}^{(21)} m_{023}^{(21)} + 2m_{200}^{(10)} m_{200}^{(21)} m_{014}^{(11)} - m_{200}^{(10)} m_{200}^{(22)} m_{041}^{(22)} + 2m_{200}^{(10)} m_{200}^{(22)} m_{032}^{(21)} \\
& -m_{200}^{(10)} m_{200}^{(22)} m_{023}^{(11)} + 2m_{200}^{(10)} m_{110}^{(10)} m_{023}^{(22)} - 4m_{200}^{(10)} m_{110}^{(10)} m_{014}^{(21)} + 2m_{200}^{(10)} m_{110}^{(10)} m_{005}^{(11)} \\
& -2m_{200}^{(10)} m_{110}^{(20)} m_{032}^{(22)} + 4m_{200}^{(10)} m_{110}^{(20)} m_{023}^{(21)} - 2m_{200}^{(10)} m_{110}^{(20)} m_{014}^{(11)} - 2m_{200}^{(10)} m_{110}^{(21)} m_{122}^{(22)} \\
& +4m_{200}^{(10)} m_{110}^{(21)} m_{113}^{(21)} - 2m_{200}^{(10)} m_{110}^{(21)} m_{104}^{(11)} + 2m_{200}^{(10)} m_{110}^{(22)} m_{131}^{(22)} - 4m_{200}^{(10)} m_{110}^{(22)} m_{122}^{(21)} \\
& +2m_{200}^{(10)} m_{110}^{(22)} m_{113}^{(11)} - 2m_{200}^{(10)} m_{101}^{(10)} m_{032}^{(22)} + 4m_{200}^{(10)} m_{101}^{(10)} m_{023}^{(21)} - 2m_{200}^{(10)} m_{101}^{(10)} m_{014}^{(11)} \\
& +2m_{200}^{(10)} m_{101}^{(11)} m_{122}^{(22)} - 4m_{200}^{(10)} m_{101}^{(11)} m_{113}^{(21)} + 2m_{200}^{(10)} m_{101}^{(11)} m_{104}^{(11)} + 2m_{200}^{(10)} m_{101}^{(20)} m_{041}^{(22)} \\
& -4m_{200}^{(10)} m_{101}^{(20)} m_{032}^{(21)} + 2m_{200}^{(10)} m_{101}^{(20)} m_{023}^{(11)} - 2m_{200}^{(10)} m_{101}^{(21)} m_{131}^{(22)} + 4m_{200}^{(10)} m_{101}^{(21)} m_{122}^{(21)} \\
& -2m_{200}^{(10)} m_{101}^{(21)} m_{113}^{(11)} - m_{200}^{(10)} m_{020}^{(00)} m_{023}^{(22)} + 2m_{200}^{(10)} m_{020}^{(00)} m_{014}^{(21)} - m_{200}^{(10)} m_{020}^{(00)} m_{005}^{(11)} \\
& +2m_{200}^{(10)} m_{020}^{(20)} m_{122}^{(22)} - 4m_{200}^{(10)} m_{020}^{(20)} m_{113}^{(21)} + 2m_{200}^{(10)} m_{020}^{(20)} m_{104}^{(11)} - m_{200}^{(10)} m_{020}^{(22)} m_{221}^{(22)} \\
& +2m_{200}^{(10)} m_{020}^{(22)} m_{212}^{(21)} - m_{200}^{(10)} m_{020}^{(22)} m_{203}^{(11)} + 2m_{200}^{(10)} m_{011}^{(00)} m_{032}^{(22)} - 4m_{200}^{(10)} m_{011}^{(00)} m_{023}^{(21)} \\
& +2m_{200}^{(10)} m_{011}^{(00)} m_{014}^{(11)} - 2m_{200}^{(10)} m_{011}^{(10)} m_{122}^{(22)} + 4m_{200}^{(10)} m_{011}^{(10)} m_{113}^{(21)} - 2m_{200}^{(10)} m_{011}^{(10)} m_{104}^{(11)} \\
& -2m_{200}^{(10)} m_{011}^{(20)} m_{131}^{(22)} + 4m_{200}^{(10)} m_{011}^{(20)} m_{122}^{(21)} - 2m_{200}^{(10)} m_{011}^{(20)} m_{113}^{(11)} + 2m_{200}^{(10)} m_{011}^{(21)} m_{221}^{(22)} \\
& -4m_{200}^{(10)} m_{011}^{(21)} m_{212}^{(21)} + 2m_{200}^{(10)} m_{011}^{(21)} m_{203}^{(11)} - m_{200}^{(10)} m_{002}^{(00)} m_{041}^{(22)} + 2m_{200}^{(10)} m_{002}^{(00)} m_{032}^{(21)} \\
& -m_{200}^{(10)} m_{002}^{(00)} m_{023}^{(11)} + 2m_{200}^{(10)} m_{002}^{(10)} m_{131}^{(22)} - 4m_{200}^{(10)} m_{002}^{(10)} m_{122}^{(21)} + 2m_{200}^{(10)} m_{002}^{(10)} m_{113}^{(11)} \\
& -m_{200}^{(10)} m_{002}^{(11)} m_{221}^{(22)} + 2m_{200}^{(10)} m_{002}^{(11)} m_{212}^{(21)} - m_{200}^{(10)} m_{002}^{(11)} m_{203}^{(11)} + (m_{200}^{(11)})^2 m_{113}^{(22)} \\
& -(m_{200}^{(11)})^2 m_{104}^{(21)} - (m_{200}^{(11)})^2 m_{014}^{(20)} + (m_{200}^{(11)})^2 m_{005}^{(10)} + m_{200}^{(11)} m_{200}^{(20)} m_{032}^{(22)} \\
& -2m_{200}^{(11)} m_{200}^{(20)} m_{023}^{(21)} + m_{200}^{(11)} m_{200}^{(20)} m_{014}^{(11)} - 3m_{200}^{(11)} m_{200}^{(21)} m_{122}^{(22)} + 2m_{200}^{(11)} m_{200}^{(21)} m_{113}^{(21)} \\
& +m_{200}^{(11)} m_{200}^{(21)} m_{104}^{(11)} + 4m_{200}^{(11)} m_{200}^{(21)} m_{023}^{(20)} - 4m_{200}^{(11)} m_{200}^{(21)} m_{014}^{(10)} + m_{200}^{(11)} m_{200}^{(22)} m_{131}^{(22)} \\
& -m_{200}^{(11)} m_{200}^{(22)} m_{113}^{(11)} - 2m_{200}^{(11)} m_{200}^{(22)} m_{032}^{(20)} + 2m_{200}^{(11)} m_{200}^{(22)} m_{023}^{(10)} + m_{200}^{(11)} m_{110}^{(00)} m_{023}^{(22)} \\
& -2m_{200}^{(11)} m_{110}^{(00)} m_{014}^{(21)} + m_{200}^{(11)} m_{110}^{(00)} m_{005}^{(11)} - 2m_{200}^{(11)} m_{110}^{(10)} m_{113}^{(22)} + 2m_{200}^{(11)} m_{110}^{(10)} m_{104}^{(21)} \\
& +2m_{200}^{(11)} m_{110}^{(10)} m_{014}^{(20)} - 2m_{200}^{(11)} m_{110}^{(10)} m_{005}^{(10)} - m_{200}^{(11)} m_{110}^{(11)} m_{203}^{(22)} + 2m_{200}^{(11)} m_{110}^{(11)} m_{104}^{(20)} \\
& -m_{200}^{(11)} m_{110}^{(11)} m_{005}^{(00)} + 2m_{200}^{(11)} m_{110}^{(20)} m_{113}^{(21)} - 2m_{200}^{(11)} m_{110}^{(20)} m_{104}^{(11)} - 2m_{200}^{(11)} m_{110}^{(20)} m_{023}^{(20)} \\
& +2m_{200}^{(11)} m_{110}^{(20)} m_{014}^{(10)} + 4m_{200}^{(11)} m_{110}^{(21)} m_{212}^{(22)} - 2m_{200}^{(11)} m_{110}^{(21)} m_{203}^{(21)} - 6m_{200}^{(11)} m_{110}^{(21)} m_{113}^{(20)} \\
& +2m_{200}^{(11)} m_{110}^{(21)} m_{104}^{(10)} + 2m_{200}^{(11)} m_{110}^{(21)} m_{014}^{(00)} - 2m_{200}^{(11)} m_{110}^{(22)} m_{221}^{(22)} + m_{200}^{(11)} m_{110}^{(22)} m_{203}^{(11)} \\
& +4m_{200}^{(11)} m_{110}^{(22)} m_{122}^{(20)} - 2m_{200}^{(11)} m_{110}^{(22)} m_{113}^{(10)} - m_{200}^{(11)} m_{110}^{(22)} m_{023}^{(00)} - m_{200}^{(11)} m_{101}^{(00)} m_{032}^{(22)} \\
& +2m_{200}^{(11)} m_{101}^{(00)} m_{023}^{(21)} - m_{200}^{(11)} m_{101}^{(00)} m_{014}^{(11)} + 4m_{200}^{(11)} m_{101}^{(10)} m_{122}^{(22)} - 6m_{200}^{(11)} m_{101}^{(10)} m_{113}^{(21)} \\
& +2m_{200}^{(11)} m_{101}^{(10)} m_{104}^{(11)} - 2m_{200}^{(11)} m_{101}^{(10)} m_{023}^{(20)} + 2m_{200}^{(11)} m_{101}^{(10)} m_{014}^{(10)} - 3m_{200}^{(11)} m_{101}^{(11)} m_{212}^{(22)} \\
& +4m_{200}^{(11)} m_{101}^{(11)} m_{203}^{(21)} + 2m_{200}^{(11)} m_{101}^{(11)} m_{113}^{(20)} - 4m_{200}^{(11)} m_{101}^{(11)} m_{104}^{(10)} + m_{200}^{(11)} m_{101}^{(11)} m_{014}^{(00)} \\
& -2m_{200}^{(11)} m_{101}^{(20)} m_{131}^{(22)} + 2m_{200}^{(11)} m_{101}^{(20)} m_{122}^{(21)} + 2m_{200}^{(11)} m_{101}^{(20)} m_{032}^{(20)} - 2m_{200}^{(11)} m_{101}^{(20)} m_{023}^{(10)} \\
& +2m_{200}^{(11)} m_{101}^{(21)} m_{221}^{(22)} - 2m_{200}^{(11)} m_{101}^{(21)} m_{212}^{(21)} - 2m_{200}^{(11)} m_{101}^{(21)} m_{203}^{(11)} - 2m_{200}^{(11)} m_{101}^{(21)} m_{122}^{(20)} \\
& +6m_{200}^{(11)} m_{101}^{(21)} m_{113}^{(10)} - 2m_{200}^{(11)} m_{101}^{(21)} m_{023}^{(00)} + m_{200}^{(11)} m_{101}^{(22)} m_{212}^{(11)} - 2m_{200}^{(11)} m_{101}^{(22)} m_{122}^{(10)} \\
& +m_{200}^{(11)} m_{101}^{(22)} m_{032}^{(00)} + m_{200}^{(11)} m_{020}^{(10)} m_{203}^{(22)} - 2m_{200}^{(11)} m_{020}^{(10)} m_{104}^{(20)} + m_{200}^{(11)} m_{020}^{(10)} m_{005}^{(00)} \\
& -m_{200}^{(11)} m_{020}^{(20)} m_{212}^{(22)} + 2m_{200}^{(11)} m_{020}^{(20)} m_{113}^{(20)} - m_{200}^{(11)} m_{020}^{(20)} m_{014}^{(00)} - m_{200}^{(11)} m_{020}^{(21)} m_{302}^{(22)} \\
& +2m_{200}^{(11)} m_{020}^{(21)} m_{203}^{(20)} - m_{200}^{(11)} m_{020}^{(21)} m_{104}^{(00)} + m_{200}^{(11)} m_{020}^{(22)} m_{311}^{(22)} - 2m_{200}^{(11)} m_{020}^{(22)} m_{212}^{(20)} \\
& +m_{200}^{(11)} m_{020}^{(22)} m_{113}^{(00)} - m_{200}^{(11)} m_{011}^{(00)} m_{122}^{(22)} + 2m_{200}^{(11)} m_{011}^{(00)} m_{113}^{(21)} - m_{200}^{(11)} m_{011}^{(00)} m_{104}^{(11)} \\
& -2m_{200}^{(11)} m_{011}^{(10)} m_{203}^{(21)} + 2m_{200}^{(11)} m_{011}^{(10)} m_{113}^{(20)} + 2m_{200}^{(11)} m_{011}^{(10)} m_{104}^{(10)} - 2m_{200}^{(11)} m_{011}^{(10)} m_{014}^{(00)} \\
& +m_{200}^{(11)} m_{011}^{(11)} m_{302}^{(22)} - 2m_{200}^{(11)} m_{011}^{(11)} m_{203}^{(20)} + m_{200}^{(11)} m_{011}^{(11)} m_{104}^{(00)} + 2m_{200}^{(11)} m_{011}^{(20)} m_{221}^{(22)}
\end{aligned}
$$

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\begin{aligned}
&-2m_{200}^{(11)}m_{011}^{(20)}m_{212}^{(21)}+2m_{200}^{(11)}m_{011}^{(20)}m_{203}^{(11)}-2m_{200}^{(11)}m_{011}^{(20)}m_{122}^{(20)}-2m_{200}^{(11)}m_{011}^{(20)}m_{113}^{(10)}\\
&+2m_{200}^{(11)}m_{011}^{(20)}m_{023}^{(00)}-2m_{200}^{(11)}m_{011}^{(21)}m_{311}^{(22)}+2m_{200}^{(11)}m_{011}^{(21)}m_{302}^{(21)}+2m_{200}^{(11)}m_{011}^{(21)}m_{212}^{(20)}\\
&-2m_{200}^{(11)}m_{011}^{(21)}m_{203}^{(10)}-m_{200}^{(11)}m_{011}^{(22)}m_{302}^{(11)}+2m_{200}^{(11)}m_{011}^{(22)}m_{212}^{(10)}-m_{200}^{(11)}m_{011}^{(22)}m_{122}^{(00)}\\
&+m_{200}^{(11)}m_{002}^{(00)}m_{131}^{(22)}-2m_{200}^{(11)}m_{002}^{(00)}m_{122}^{(21)}+m_{200}^{(11)}m_{002}^{(00)}m_{113}^{(11)}-2m_{200}^{(11)}m_{002}^{(10)}m_{221}^{(22)}\\
&+4m_{200}^{(11)}m_{002}^{(10)}m_{212}^{(21)}-m_{200}^{(11)}m_{002}^{(10)}m_{203}^{(11)}-2m_{200}^{(11)}m_{002}^{(10)}m_{113}^{(10)}+m_{200}^{(11)}m_{002}^{(10)}m_{023}^{(00)}\\
&+m_{200}^{(11)}m_{002}^{(11)}m_{311}^{(22)}-2m_{200}^{(11)}m_{002}^{(11)}m_{302}^{(21)}+2m_{200}^{(11)}m_{002}^{(11)}m_{203}^{(10)}-m_{200}^{(11)}m_{002}^{(11)}m_{113}^{(00)}\\
&-m_{200}^{(11)}m_{002}^{(20)}m_{212}^{(11)}+2m_{200}^{(11)}m_{002}^{(20)}m_{122}^{(10)}-m_{200}^{(11)}m_{002}^{(20)}m_{032}^{(00)}+m_{200}^{(11)}m_{002}^{(21)}m_{302}^{(11)}\\
&-2m_{200}^{(11)}m_{002}^{(21)}m_{212}^{(10)}+m_{200}^{(11)}m_{002}^{(21)}m_{122}^{(00)}-2m_{200}^{(20)}m_{200}^{(21)}m_{041}^{(22)}+4m_{200}^{(20)}m_{200}^{(21)}m_{032}^{(21)}\\
&-2m_{200}^{(20)}m_{200}^{(21)}m_{023}^{(11)}+m_{200}^{(20)}m_{200}^{(22)}m_{050}^{(22)}-2m_{200}^{(20)}m_{200}^{(22)}m_{041}^{(21)}+m_{200}^{(20)}m_{200}^{(22)}m_{032}^{(11)}\\
&-2m_{200}^{(20)}m_{110}^{(10)}m_{032}^{(22)}+4m_{200}^{(20)}m_{110}^{(10)}m_{023}^{(21)}-2m_{200}^{(20)}m_{110}^{(10)}m_{014}^{(11)}+2m_{200}^{(20)}m_{110}^{(20)}m_{041}^{(22)}\\
&-4m_{200}^{(20)}m_{110}^{(20)}m_{032}^{(21)}+2m_{200}^{(20)}m_{110}^{(20)}m_{023}^{(11)}+2m_{200}^{(20)}m_{110}^{(21)}m_{131}^{(22)}-4m_{200}^{(20)}m_{110}^{(21)}m_{122}^{(21)}\\
&+2m_{200}^{(20)}m_{110}^{(21)}m_{113}^{(11)}-2m_{200}^{(20)}m_{110}^{(22)}m_{140}^{(22)}+4m_{200}^{(20)}m_{110}^{(22)}m_{131}^{(21)}-2m_{200}^{(20)}m_{110}^{(22)}m_{122}^{(11)}\\
&+2m_{200}^{(20)}m_{101}^{(10)}m_{041}^{(22)}-4m_{200}^{(20)}m_{101}^{(10)}m_{032}^{(21)}+2m_{200}^{(20)}m_{101}^{(10)}m_{023}^{(11)}-2m_{200}^{(20)}m_{101}^{(11)}m_{131}^{(22)}\\
&+4m_{200}^{(20)}m_{101}^{(11)}m_{122}^{(21)}-2m_{200}^{(20)}m_{101}^{(11)}m_{113}^{(11)}-2m_{200}^{(20)}m_{101}^{(20)}m_{050}^{(22)}+4m_{200}^{(20)}m_{101}^{(20)}m_{041}^{(21)}\\
&-2m_{200}^{(20)}m_{101}^{(20)}m_{032}^{(11)}+2m_{200}^{(20)}m_{101}^{(21)}m_{140}^{(22)}-4m_{200}^{(20)}m_{101}^{(21)}m_{131}^{(21)}+2m_{200}^{(20)}m_{101}^{(21)}m_{122}^{(11)}\\
&+m_{200}^{(20)}m_{020}^{(00)}m_{032}^{(22)}-2m_{200}^{(20)}m_{020}^{(00)}m_{023}^{(21)}+m_{200}^{(20)}m_{020}^{(00)}m_{014}^{(11)}-2m_{200}^{(20)}m_{020}^{(20)}m_{131}^{(22)}\\
&+4m_{200}^{(20)}m_{020}^{(20)}m_{122}^{(21)}-2m_{200}^{(20)}m_{020}^{(20)}m_{113}^{(11)}+m_{200}^{(20)}m_{020}^{(22)}m_{230}^{(22)}-2m_{200}^{(20)}m_{020}^{(22)}m_{221}^{(21)}\\
&+m_{200}^{(20)}m_{020}^{(22)}m_{212}^{(11)}-2m_{200}^{(20)}m_{011}^{(00)}m_{041}^{(22)}+4m_{200}^{(20)}m_{011}^{(00)}m_{032}^{(21)}-2m_{200}^{(20)}m_{011}^{(00)}m_{023}^{(11)}\\
&+2m_{200}^{(20)}m_{011}^{(10)}m_{131}^{(22)}-4m_{200}^{(20)}m_{011}^{(10)}m_{122}^{(21)}+2m_{200}^{(20)}m_{011}^{(10)}m_{113}^{(11)}+2m_{200}^{(20)}m_{011}^{(20)}m_{140}^{(22)}\\
&-4m_{200}^{(20)}m_{011}^{(20)}m_{131}^{(21)}+2m_{200}^{(20)}m_{011}^{(20)}m_{122}^{(11)}-2m_{200}^{(20)}m_{011}^{(21)}m_{230}^{(22)}+4m_{200}^{(20)}m_{011}^{(21)}m_{221}^{(21)}\\
&-2m_{200}^{(20)}m_{011}^{(21)}m_{212}^{(11)}+m_{200}^{(20)}m_{002}^{(00)}m_{050}^{(22)}-2m_{200}^{(20)}m_{002}^{(00)}m_{041}^{(21)}+m_{200}^{(20)}m_{002}^{(00)}m_{032}^{(11)}\\
&-2m_{200}^{(20)}m_{002}^{(10)}m_{140}^{(22)}+4m_{200}^{(20)}m_{002}^{(10)}m_{131}^{(21)}-2m_{200}^{(20)}m_{002}^{(10)}m_{122}^{(11)}+m_{200}^{(20)}m_{002}^{(11)}m_{230}^{(22)}\\
&-2m_{200}^{(20)}m_{002}^{(11)}m_{221}^{(21)}+m_{200}^{(20)}m_{002}^{(11)}m_{212}^{(11)}+2(m_{200}^{(21)})^2m_{131}^{(22)}-2(m_{200}^{(21)})^2m_{113}^{(11)}\\
&-4(m_{200}^{(21)})^2m_{032}^{(20)}+4(m_{200}^{(21)})^2m_{023}^{(10)}-m_{200}^{(21)}m_{200}^{(22)}m_{140}^{(22)}-2m_{200}^{(21)}m_{200}^{(22)}m_{131}^{(21)}\\
&+3m_{200}^{(21)}m_{200}^{(22)}m_{122}^{(11)}+4m_{200}^{(21)}m_{200}^{(22)}m_{041}^{(20)}-4m_{200}^{(21)}m_{200}^{(22)}m_{032}^{(10)}-2m_{200}^{(21)}m_{110}^{(00)}m_{032}^{(22)}\\
&+4m_{200}^{(21)}m_{110}^{(00)}m_{023}^{(21)}-2m_{200}^{(21)}m_{110}^{(00)}m_{014}^{(11)}+2m_{200}^{(21)}m_{110}^{(10)}m_{122}^{(22)}-2m_{200}^{(21)}m_{110}^{(10)}m_{104}^{(11)}\\
&-4m_{200}^{(21)}m_{110}^{(10)}m_{023}^{(20)}+4m_{200}^{(21)}m_{110}^{(10)}m_{014}^{(10)}+2m_{200}^{(21)}m_{110}^{(11)}m_{212}^{(22)}-4m_{200}^{(21)}m_{110}^{(11)}m_{113}^{(20)}\\
&+2m_{200}^{(21)}m_{110}^{(11)}m_{014}^{(00)}+2m_{200}^{(21)}m_{110}^{(20)}m_{131}^{(22)}-8m_{200}^{(21)}m_{110}^{(20)}m_{122}^{(21)}+6m_{200}^{(21)}m_{110}^{(20)}m_{113}^{(11)}\\
&+4m_{200}^{(21)}m_{110}^{(20)}m_{032}^{(20)}-4m_{200}^{(21)}m_{110}^{(20)}m_{023}^{(10)}-6m_{200}^{(21)}m_{110}^{(21)}m_{221}^{(22)}+2m_{200}^{(21)}m_{110}^{(21)}m_{203}^{(11)}\\
&+12m_{200}^{(21)}m_{110}^{(21)}m_{122}^{(20)}-4m_{200}^{(21)}m_{110}^{(21)}m_{113}^{(10)}-4m_{200}^{(21)}m_{110}^{(21)}m_{023}^{(00)}+2m_{200}^{(21)}m_{110}^{(22)}m_{230}^{(22)}\\
&+4m_{200}^{(21)}m_{110}^{(22)}m_{221}^{(21)}-4m_{200}^{(21)}m_{110}^{(22)}m_{212}^{(11)}-8m_{200}^{(21)}m_{110}^{(22)}m_{131}^{(20)}+4m_{200}^{(21)}m_{110}^{(22)}m_{122}^{(10)}\\
&+2m_{200}^{(21)}m_{110}^{(22)}m_{032}^{(00)}+2m_{200}^{(21)}m_{101}^{(00)}m_{041}^{(22)}-4m_{200}^{(21)}m_{101}^{(00)}m_{032}^{(21)}+2m_{200}^{(21)}m_{101}^{(00)}m_{023}^{(11)}\\
&-6m_{200}^{(21)}m_{101}^{(10)}m_{131}^{(22)}+8m_{200}^{(21)}m_{101}^{(10)}m_{122}^{(21)}-2m_{200}^{(21)}m_{101}^{(10)}m_{113}^{(11)}+4m_{200}^{(21)}m_{101}^{(10)}m_{032}^{(20)}\\
&-4m_{200}^{(21)}m_{101}^{(10)}m_{023}^{(10)}+4m_{200}^{(21)}m_{101}^{(11)}m_{221}^{(22)}-4m_{200}^{(21)}m_{101}^{(11)}m_{212}^{(21)}-2m_{200}^{(21)}m_{101}^{(11)}m_{203}^{(11)}\\
&-4m_{200}^{(21)}m_{101}^{(11)}m_{122}^{(20)}+8m_{200}^{(21)}m_{101}^{(11)}m_{113}^{(10)}-2m_{200}^{(21)}m_{101}^{(11)}m_{023}^{(00)}+2m_{200}^{(21)}m_{101}^{(20)}m_{140}^{(22)}\\
&-2m_{200}^{(21)}m_{101}^{(20)}m_{122}^{(11)}-4m_{200}^{(21)}m_{101}^{(20)}m_{041}^{(20)}+4m_{200}^{(21)}m_{101}^{(20)}m_{032}^{(10)}-2m_{200}^{(21)}m_{101}^{(21)}m_{230}^{(22)}\\
&+6m_{200}^{(21)}m_{101}^{(21)}m_{212}^{(11)}+4m_{200}^{(21)}m_{101}^{(21)}m_{131}^{(20)}-12m_{200}^{(21)}m_{101}^{(21)}m_{122}^{(10)}+4m_{200}^{(21)}m_{101}^{(21)}m_{032}^{(00)}\\
&-2m_{200}^{(21)}m_{101}^{(22)}m_{221}^{(11)}+4m_{200}^{(21)}m_{101}^{(22)}m_{131}^{(10)}-2m_{200}^{(21)}m_{101}^{(22)}m_{041}^{(00)}+m_{200}^{(21)}m_{020}^{(00)}m_{122}^{(22)}
\end{aligned}
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\begin{aligned}
&-2m_{200}^{(21)}m_{020}^{(00)}m_{113}^{(21)} + m_{200}^{(21)}m_{020}^{(00)}m_{104}^{(11)} - 2m_{200}^{(21)}m_{020}^{(10)}m_{212}^{(22)} + 4m_{200}^{(21)}m_{020}^{(10)}m_{113}^{(20)}\\
&-2m_{200}^{(21)}m_{020}^{(10)}m_{014}^{(00)} + 4m_{200}^{(21)}m_{020}^{(20)}m_{212}^{(21)} - 2m_{200}^{(21)}m_{020}^{(20)}m_{203}^{(11)} - 4m_{200}^{(21)}m_{020}^{(20)}m_{122}^{(20)}\\
&+2m_{200}^{(21)}m_{020}^{(20)}m_{023}^{(00)} + 2m_{200}^{(21)}m_{020}^{(21)}m_{311}^{(22)} - 4m_{200}^{(21)}m_{020}^{(21)}m_{212}^{(20)} + 2m_{200}^{(21)}m_{020}^{(21)}m_{113}^{(00)}\\
&-m_{200}^{(21)}m_{020}^{(22)}m_{320}^{(22)} - 2m_{200}^{(21)}m_{020}^{(22)}m_{311}^{(21)} + m_{200}^{(21)}m_{020}^{(22)}m_{302}^{(11)} + 4m_{200}^{(21)}m_{020}^{(22)}m_{221}^{(20)}\\
&-2m_{200}^{(21)}m_{020}^{(22)}m_{122}^{(00)} + 2m_{200}^{(21)}m_{011}^{(10)}m_{221}^{(22)} + 2m_{200}^{(21)}m_{011}^{(10)}m_{203}^{(11)} - 4m_{200}^{(21)}m_{011}^{(10)}m_{122}^{(20)}\\
&-4m_{200}^{(21)}m_{011}^{(10)}m_{113}^{(10)} + 4m_{200}^{(21)}m_{011}^{(10)}m_{023}^{(00)} - 2m_{200}^{(21)}m_{011}^{(11)}m_{311}^{(22)} + 4m_{200}^{(21)}m_{011}^{(11)}m_{212}^{(20)}\\
&-2m_{200}^{(21)}m_{011}^{(11)}m_{113}^{(00)} - 2m_{200}^{(21)}m_{011}^{(20)}m_{230}^{(22)} - 2m_{200}^{(21)}m_{011}^{(20)}m_{212}^{(11)} + 4m_{200}^{(21)}m_{011}^{(20)}m_{131}^{(20)}\\
&+4m_{200}^{(21)}m_{011}^{(20)}m_{122}^{(10)} - 4m_{200}^{(21)}m_{011}^{(20)}m_{032}^{(00)} + 2m_{200}^{(21)}m_{011}^{(21)}m_{320}^{(22)} - 2m_{200}^{(21)}m_{011}^{(21)}m_{302}^{(11)}\\
&-4m_{200}^{(21)}m_{011}^{(21)}m_{221}^{(20)} + 4m_{200}^{(21)}m_{011}^{(21)}m_{212}^{(10)} + 2m_{200}^{(21)}m_{011}^{(22)}m_{311}^{(11)} - 4m_{200}^{(21)}m_{011}^{(22)}m_{221}^{(10)}\\
&+2m_{200}^{(21)}m_{011}^{(22)}m_{131}^{(00)} - m_{200}^{(21)}m_{002}^{(00)}m_{140}^{(22)} + 2m_{200}^{(21)}m_{002}^{(00)}m_{131}^{(21)} - m_{200}^{(21)}m_{002}^{(00)}m_{122}^{(11)}\\
&+2m_{200}^{(21)}m_{002}^{(10)}m_{230}^{(22)} - 4m_{200}^{(21)}m_{002}^{(10)}m_{221}^{(21)} + 4m_{200}^{(21)}m_{002}^{(10)}m_{122}^{(10)} - 2m_{200}^{(21)}m_{002}^{(10)}m_{032}^{(00)}\\
&-m_{200}^{(21)}m_{002}^{(11)}m_{320}^{(22)} + 2m_{200}^{(21)}m_{002}^{(11)}m_{311}^{(21)} + m_{200}^{(21)}m_{002}^{(11)}m_{302}^{(11)} - 4m_{200}^{(21)}m_{002}^{(11)}m_{212}^{(10)}\\
&+2m_{200}^{(21)}m_{002}^{(11)}m_{122}^{(00)} + 2m_{200}^{(21)}m_{002}^{(20)}m_{221}^{(11)} - 4m_{200}^{(21)}m_{002}^{(20)}m_{131}^{(10)} + 2m_{200}^{(21)}m_{002}^{(20)}m_{041}^{(00)}\\
&-2m_{200}^{(21)}m_{002}^{(21)}m_{311}^{(11)} + 4m_{200}^{(21)}m_{002}^{(21)}m_{221}^{(10)} - 2m_{200}^{(21)}m_{002}^{(21)}m_{131}^{(00)} + (m_{200}^{(22)})^2m_{140}^{(21)}\\
&-(m_{200}^{(22)})^2m_{131}^{(11)} - (m_{200}^{(22)})^2m_{050}^{(20)} + (m_{200}^{(22)})^2m_{041}^{(10)} + m_{200}^{(22)}m_{110}^{(00)}m_{041}^{(22)}\\
&-2m_{200}^{(22)}m_{110}^{(00)}m_{032}^{(21)} + m_{200}^{(22)}m_{110}^{(00)}m_{023}^{(11)} - 2m_{200}^{(22)}m_{110}^{(10)}m_{122}^{(21)} + 2m_{200}^{(22)}m_{110}^{(10)}m_{113}^{(11)}\\
&+2m_{200}^{(22)}m_{110}^{(10)}m_{032}^{(20)} - 2m_{200}^{(22)}m_{110}^{(10)}m_{023}^{(10)} - m_{200}^{(22)}m_{110}^{(11)}m_{221}^{(22)} + 2m_{200}^{(22)}m_{110}^{(11)}m_{122}^{(20)}\\
&-m_{200}^{(22)}m_{110}^{(11)}m_{023}^{(00)} - 2m_{200}^{(22)}m_{110}^{(20)}m_{140}^{(22)} + 6m_{200}^{(22)}m_{110}^{(20)}m_{131}^{(21)} - 4m_{200}^{(22)}m_{110}^{(20)}m_{122}^{(11)}\\
&-2m_{200}^{(22)}m_{110}^{(20)}m_{041}^{(20)} + 2m_{200}^{(22)}m_{110}^{(20)}m_{032}^{(10)} + 2m_{200}^{(22)}m_{110}^{(21)}m_{230}^{(22)} + 2m_{200}^{(22)}m_{110}^{(21)}m_{221}^{(21)}\\
&-2m_{200}^{(22)}m_{110}^{(21)}m_{212}^{(11)} - 6m_{200}^{(22)}m_{110}^{(21)}m_{131}^{(20)} + 2m_{200}^{(22)}m_{110}^{(21)}m_{122}^{(10)} + 2m_{200}^{(22)}m_{110}^{(21)}m_{032}^{(00)}\\
&-4m_{200}^{(22)}m_{110}^{(22)}m_{230}^{(21)} + 3m_{200}^{(22)}m_{110}^{(22)}m_{221}^{(11)} + 4m_{200}^{(22)}m_{110}^{(22)}m_{140}^{(20)} - 2m_{200}^{(22)}m_{110}^{(22)}m_{131}^{(10)}\\
&-m_{200}^{(22)}m_{110}^{(22)}m_{041}^{(00)} - m_{200}^{(22)}m_{101}^{(00)}m_{050}^{(22)} + 2m_{200}^{(22)}m_{101}^{(00)}m_{041}^{(21)} - m_{200}^{(22)}m_{101}^{(00)}m_{032}^{(11)}\\
&+2m_{200}^{(22)}m_{101}^{(10)}m_{140}^{(22)} - 2m_{200}^{(22)}m_{101}^{(10)}m_{131}^{(21)} - 2m_{200}^{(22)}m_{101}^{(10)}m_{041}^{(20)} + 2m_{200}^{(22)}m_{101}^{(10)}m_{032}^{(10)}\\
&-m_{200}^{(22)}m_{101}^{(11)}m_{230}^{(22)} + 2m_{200}^{(22)}m_{101}^{(11)}m_{212}^{(11)} + 2m_{200}^{(22)}m_{101}^{(11)}m_{131}^{(20)} - 4m_{200}^{(22)}m_{101}^{(11)}m_{122}^{(10)}\\
&+m_{200}^{(22)}m_{101}^{(11)}m_{032}^{(00)} - 2m_{200}^{(22)}m_{101}^{(20)}m_{140}^{(21)} + 2m_{200}^{(22)}m_{101}^{(20)}m_{131}^{(11)} + 2m_{200}^{(22)}m_{101}^{(20)}m_{050}^{(20)}\\
&-2m_{200}^{(22)}m_{101}^{(20)}m_{041}^{(10)} + 2m_{200}^{(22)}m_{101}^{(21)}m_{230}^{(21)} - 4m_{200}^{(22)}m_{101}^{(21)}m_{221}^{(11)} - 2m_{200}^{(22)}m_{101}^{(21)}m_{140}^{(20)}\\
&+6m_{200}^{(22)}m_{101}^{(21)}m_{131}^{(10)} - 2m_{200}^{(22)}m_{101}^{(21)}m_{041}^{(00)} + m_{200}^{(22)}m_{101}^{(22)}m_{230}^{(11)} - 2m_{200}^{(22)}m_{101}^{(22)}m_{140}^{(10)}\\
&+m_{200}^{(22)}m_{101}^{(22)}m_{050}^{(00)} - m_{200}^{(22)}m_{020}^{(00)}m_{131}^{(22)} + 2m_{200}^{(22)}m_{020}^{(00)}m_{122}^{(21)} - m_{200}^{(22)}m_{020}^{(00)}m_{113}^{(11)}\\
&+m_{200}^{(22)}m_{020}^{(10)}m_{221}^{(22)} - 2m_{200}^{(22)}m_{020}^{(10)}m_{122}^{(20)} + m_{200}^{(22)}m_{020}^{(10)}m_{023}^{(00)} + m_{200}^{(22)}m_{020}^{(20)}m_{230}^{(22)}\\
&-4m_{200}^{(22)}m_{020}^{(20)}m_{221}^{(21)} + 2m_{200}^{(22)}m_{020}^{(20)}m_{212}^{(11)} + 2m_{200}^{(22)}m_{020}^{(20)}m_{131}^{(20)} - m_{200}^{(22)}m_{020}^{(20)}m_{032}^{(00)}\\
&-m_{200}^{(22)}m_{020}^{(21)}m_{320}^{(22)} + 2m_{200}^{(22)}m_{020}^{(21)}m_{221}^{(20)} - m_{200}^{(22)}m_{020}^{(21)}m_{122}^{(00)} + 2m_{200}^{(22)}m_{020}^{(22)}m_{221}^{(21)}\\
&-m_{200}^{(22)}m_{020}^{(22)}m_{311}^{(11)} - 2m_{200}^{(22)}m_{020}^{(22)}m_{230}^{(20)} + m_{200}^{(22)}m_{020}^{(22)}m_{131}^{(00)} + m_{200}^{(22)}m_{011}^{(00)}m_{140}^{(22)}\\
&-2m_{200}^{(22)}m_{011}^{(00)}m_{131}^{(21)} + m_{200}^{(22)}m_{011}^{(00)}m_{122}^{(11)} - 2m_{200}^{(22)}m_{011}^{(10)}m_{230}^{(22)} + 2m_{200}^{(22)}m_{011}^{(10)}m_{221}^{(21)}\\
&-2m_{200}^{(22)}m_{011}^{(10)}m_{212}^{(11)} + 2m_{200}^{(22)}m_{011}^{(10)}m_{131}^{(20)} + 2m_{200}^{(22)}m_{011}^{(10)}m_{122}^{(10)} - 2m_{200}^{(22)}m_{011}^{(10)}m_{032}^{(00)}\\
&+m_{200}^{(22)}m_{011}^{(11)}m_{320}^{(22)} - 2m_{200}^{(22)}m_{011}^{(11)}m_{221}^{(20)} + m_{200}^{(22)}m_{011}^{(11)}m_{122}^{(00)} + 2m_{200}^{(22)}m_{011}^{(20)}m_{230}^{(21)}\\
&-2m_{200}^{(22)}m_{011}^{(20)}m_{140}^{(20)} - 2m_{200}^{(22)}m_{011}^{(20)}m_{131}^{(10)} + 2m_{200}^{(22)}m_{011}^{(20)}m_{041}^{(00)} - 2m_{200}^{(22)}m_{011}^{(21)}m_{320}^{(21)}\\
&+2m_{200}^{(22)}m_{011}^{(21)}m_{311}^{(11)} + 2m_{200}^{(22)}m_{011}^{(21)}m_{230}^{(20)} - 2m_{200}^{(22)}m_{011}^{(21)}m_{221}^{(10)} - m_{200}^{(22)}m_{011}^{(22)}m_{320}^{(11)}\\
&+2m_{200}^{(22)}m_{011}^{(22)}m_{230}^{(10)} - m_{200}^{(22)}m_{011}^{(22)}m_{140}^{(00)} + m_{200}^{(22)}m_{002}^{(10)}m_{221}^{(11)} - 2m_{200}^{(22)}m_{002}^{(10)}m_{131}^{(10)}
\end{aligned}
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$$+m_{200}^{(22)}m_{002}^{(10)}m_{041}^{(00)}-m_{200}^{(22)}m_{002}^{(11)}m_{311}^{(11)}+2m_{200}^{(22)}m_{002}^{(11)}m_{221}^{(10)}-m_{200}^{(22)}m_{002}^{(11)}m_{131}^{(00)}$$
$$-m_{200}^{(22)}m_{002}^{(20)}m_{230}^{(11)}+2m_{200}^{(22)}m_{002}^{(20)}m_{140}^{(10)}-m_{200}^{(22)}m_{002}^{(20)}m_{050}^{(00)}+m_{200}^{(22)}m_{002}^{(21)}m_{320}^{(11)}$$
$$-2m_{200}^{(22)}m_{002}^{(21)}m_{230}^{(10)}+m_{200}^{(22)}m_{002}^{(21)}m_{140}^{(00)}-2m_{110}^{(00)}m_{110}^{(10)}m_{023}^{(22)}+4m_{110}^{(00)}m_{110}^{(10)}m_{014}^{(21)}$$
$$-2m_{110}^{(00)}m_{110}^{(10)}m_{005}^{(11)}+2m_{110}^{(00)}m_{110}^{(20)}m_{032}^{(22)}-4m_{110}^{(00)}m_{110}^{(20)}m_{023}^{(21)}+2m_{110}^{(00)}m_{110}^{(20)}m_{014}^{(11)}$$
$$+2m_{110}^{(00)}m_{110}^{(21)}m_{122}^{(22)}-4m_{110}^{(00)}m_{110}^{(21)}m_{113}^{(21)}+2m_{110}^{(00)}m_{110}^{(21)}m_{104}^{(11)}-2m_{110}^{(00)}m_{110}^{(22)}m_{131}^{(22)}$$
$$+4m_{110}^{(00)}m_{110}^{(22)}m_{122}^{(21)}-2m_{110}^{(00)}m_{110}^{(22)}m_{113}^{(11)}+2m_{110}^{(00)}m_{101}^{(10)}m_{032}^{(22)}-4m_{110}^{(00)}m_{101}^{(10)}m_{023}^{(21)}$$
$$+2m_{110}^{(00)}m_{101}^{(10)}m_{014}^{(11)}-2m_{110}^{(00)}m_{101}^{(11)}m_{122}^{(22)}+4m_{110}^{(00)}m_{101}^{(11)}m_{113}^{(21)}-2m_{110}^{(00)}m_{101}^{(11)}m_{104}^{(11)}$$
$$-2m_{110}^{(00)}m_{101}^{(20)}m_{041}^{(22)}+4m_{110}^{(00)}m_{101}^{(20)}m_{032}^{(21)}-2m_{110}^{(00)}m_{101}^{(20)}m_{023}^{(11)}+2m_{110}^{(00)}m_{101}^{(21)}m_{131}^{(22)}$$
$$-4m_{110}^{(00)}m_{101}^{(21)}m_{122}^{(21)}+2m_{110}^{(00)}m_{101}^{(21)}m_{113}^{(11)}+m_{110}^{(00)}m_{020}^{(00)}m_{023}^{(22)}-2m_{110}^{(00)}m_{020}^{(00)}m_{014}^{(21)}$$
$$+m_{110}^{(00)}m_{020}^{(00)}m_{005}^{(11)}-2m_{110}^{(00)}m_{020}^{(20)}m_{122}^{(22)}+4m_{110}^{(00)}m_{020}^{(20)}m_{113}^{(21)}-2m_{110}^{(00)}m_{020}^{(20)}m_{104}^{(11)}$$
$$+m_{110}^{(00)}m_{020}^{(22)}m_{221}^{(00)}-2m_{110}^{(00)}m_{020}^{(22)}m_{212}^{(21)}+m_{110}^{(00)}m_{020}^{(22)}m_{203}^{(11)}-2m_{110}^{(00)}m_{011}^{(00)}m_{032}^{(22)}$$
$$+4m_{110}^{(00)}m_{011}^{(00)}m_{023}^{(21)}-2m_{110}^{(00)}m_{011}^{(00)}m_{014}^{(11)}+2m_{110}^{(00)}m_{011}^{(10)}m_{122}^{(22)}-4m_{110}^{(00)}m_{011}^{(10)}m_{113}^{(21)}$$
$$+2m_{110}^{(00)}m_{011}^{(10)}m_{104}^{(11)}+2m_{110}^{(00)}m_{011}^{(20)}m_{131}^{(22)}-4m_{110}^{(00)}m_{011}^{(20)}m_{122}^{(21)}+2m_{110}^{(00)}m_{011}^{(20)}m_{113}^{(11)}$$
$$-2m_{110}^{(00)}m_{011}^{(21)}m_{221}^{(22)}+4m_{110}^{(00)}m_{011}^{(21)}m_{212}^{(21)}-2m_{110}^{(00)}m_{011}^{(21)}m_{203}^{(11)}+m_{110}^{(00)}m_{002}^{(00)}m_{041}^{(22)}$$
$$-2m_{110}^{(00)}m_{002}^{(00)}m_{032}^{(21)}+m_{110}^{(00)}m_{002}^{(00)}m_{023}^{(11)}-2m_{110}^{(00)}m_{002}^{(10)}m_{131}^{(22)}+4m_{110}^{(00)}m_{002}^{(10)}m_{122}^{(21)}$$
$$-2m_{110}^{(00)}m_{002}^{(10)}m_{113}^{(11)}+m_{110}^{(00)}m_{002}^{(11)}m_{221}^{(22)}-2m_{110}^{(00)}m_{002}^{(11)}m_{212}^{(21)}+m_{110}^{(00)}m_{002}^{(11)}m_{203}^{(11)}$$
$$+2m_{110}^{(10)}m_{110}^{(11)}m_{203}^{(22)}-4m_{110}^{(10)}m_{110}^{(11)}m_{104}^{(20)}+2m_{110}^{(10)}m_{110}^{(11)}m_{005}^{(00)}+4m_{110}^{(10)}m_{110}^{(20)}m_{122}^{(22)}$$
$$-8m_{110}^{(10)}m_{110}^{(20)}m_{113}^{(21)}+4m_{110}^{(10)}m_{110}^{(20)}m_{104}^{(11)}-4m_{110}^{(10)}m_{110}^{(21)}m_{212}^{(22)}+8m_{110}^{(10)}m_{110}^{(21)}m_{113}^{(20)}$$
$$-4m_{110}^{(10)}m_{110}^{(21)}m_{014}^{(00)}+4m_{110}^{(10)}m_{110}^{(22)}m_{212}^{(21)}-2m_{110}^{(10)}m_{110}^{(22)}m_{203}^{(11)}-4m_{110}^{(10)}m_{110}^{(22)}m_{122}^{(20)}$$
$$+2m_{110}^{(10)}m_{110}^{(22)}m_{023}^{(00)}+2m_{110}^{(10)}m_{101}^{(00)}m_{032}^{(22)}-4m_{110}^{(10)}m_{101}^{(00)}m_{023}^{(21)}+2m_{110}^{(10)}m_{101}^{(00)}m_{014}^{(11)}$$
$$-4m_{110}^{(10)}m_{101}^{(10)}m_{122}^{(22)}+8m_{110}^{(10)}m_{101}^{(10)}m_{113}^{(21)}-4m_{110}^{(10)}m_{101}^{(10)}m_{104}^{(11)}+2m_{110}^{(10)}m_{101}^{(11)}m_{212}^{(22)}$$
$$-4m_{110}^{(10)}m_{101}^{(11)}m_{203}^{(21)}+4m_{110}^{(10)}m_{101}^{(11)}m_{104}^{(10)}-2m_{110}^{(10)}m_{101}^{(11)}m_{014}^{(00)}+4m_{110}^{(10)}m_{101}^{(21)}m_{203}^{(11)}$$
$$-8m_{110}^{(10)}m_{101}^{(21)}m_{113}^{(10)}+4m_{110}^{(10)}m_{101}^{(21)}m_{023}^{(00)}-2m_{110}^{(10)}m_{101}^{(22)}m_{212}^{(11)}+4m_{110}^{(10)}m_{101}^{(22)}m_{122}^{(10)}$$
$$-2m_{110}^{(10)}m_{101}^{(22)}m_{032}^{(00)}+2m_{110}^{(10)}m_{020}^{(00)}m_{113}^{(22)}-2m_{110}^{(10)}m_{020}^{(00)}m_{104}^{(21)}-2m_{110}^{(10)}m_{020}^{(00)}m_{014}^{(20)}$$
$$+2m_{110}^{(10)}m_{020}^{(00)}m_{005}^{(10)}-2m_{110}^{(10)}m_{020}^{(10)}m_{203}^{(22)}+4m_{110}^{(10)}m_{020}^{(10)}m_{104}^{(20)}-2m_{110}^{(10)}m_{020}^{(10)}m_{005}^{(00)}$$
$$-2m_{110}^{(10)}m_{020}^{(20)}m_{212}^{(22)}+4m_{110}^{(10)}m_{020}^{(20)}m_{203}^{(21)}-4m_{110}^{(10)}m_{020}^{(20)}m_{104}^{(10)}+2m_{110}^{(10)}m_{020}^{(20)}m_{014}^{(00)}$$
$$+2m_{110}^{(10)}m_{020}^{(21)}m_{302}^{(22)}-4m_{110}^{(10)}m_{020}^{(21)}m_{203}^{(20)}+2m_{110}^{(10)}m_{020}^{(21)}m_{104}^{(00)}-2m_{110}^{(10)}m_{020}^{(22)}m_{302}^{(21)}$$
$$+2m_{110}^{(10)}m_{020}^{(22)}m_{212}^{(20)}+2m_{110}^{(10)}m_{020}^{(22)}m_{203}^{(10)}-2m_{110}^{(10)}m_{020}^{(22)}m_{113}^{(00)}-2m_{110}^{(10)}m_{011}^{(00)}m_{122}^{(22)}$$
$$+2m_{110}^{(10)}m_{011}^{(00)}m_{104}^{(11)}+4m_{110}^{(10)}m_{011}^{(00)}m_{023}^{(20)}-4m_{110}^{(10)}m_{011}^{(00)}m_{014}^{(10)}+4m_{110}^{(10)}m_{011}^{(10)}m_{212}^{(22)}$$
$$-8m_{110}^{(10)}m_{011}^{(10)}m_{113}^{(20)}+4m_{110}^{(10)}m_{011}^{(10)}m_{014}^{(00)}-2m_{110}^{(10)}m_{011}^{(11)}m_{302}^{(22)}+4m_{110}^{(10)}m_{011}^{(11)}m_{203}^{(20)}$$
$$-2m_{110}^{(10)}m_{011}^{(11)}m_{104}^{(00)}-4m_{110}^{(10)}m_{011}^{(20)}m_{203}^{(11)}+8m_{110}^{(10)}m_{011}^{(20)}m_{113}^{(10)}-4m_{110}^{(10)}m_{011}^{(20)}m_{023}^{(00)}$$
$$+2m_{110}^{(10)}m_{011}^{(22)}m_{302}^{(11)}-4m_{110}^{(10)}m_{011}^{(22)}m_{212}^{(10)}+2m_{110}^{(10)}m_{011}^{(22)}m_{122}^{(00)}+2m_{110}^{(10)}m_{002}^{(00)}m_{122}^{(21)}$$
$$-2m_{110}^{(10)}m_{002}^{(00)}m_{113}^{(11)}-2m_{110}^{(10)}m_{002}^{(00)}m_{032}^{(20)}+2m_{110}^{(10)}m_{002}^{(00)}m_{023}^{(10)}-4m_{110}^{(10)}m_{002}^{(10)}m_{212}^{(21)}$$
$$+2m_{110}^{(10)}m_{002}^{(10)}m_{203}^{(11)}+4m_{110}^{(10)}m_{002}^{(10)}m_{122}^{(20)}-2m_{110}^{(10)}m_{002}^{(10)}m_{023}^{(00)}+2m_{110}^{(10)}m_{002}^{(11)}m_{302}^{(21)}$$
$$-2m_{110}^{(10)}m_{002}^{(11)}m_{212}^{(20)}-2m_{110}^{(10)}m_{002}^{(11)}m_{203}^{(10)}+2m_{110}^{(10)}m_{002}^{(11)}m_{113}^{(00)}+2m_{110}^{(10)}m_{002}^{(20)}m_{212}^{(11)}$$
$$-4m_{110}^{(10)}m_{002}^{(20)}m_{122}^{(10)}+2m_{110}^{(10)}m_{002}^{(20)}m_{032}^{(00)}-2m_{110}^{(10)}m_{002}^{(21)}m_{302}^{(11)}+4m_{110}^{(10)}m_{002}^{(21)}m_{212}^{(10)}$$
$$-2m_{110}^{(10)}m_{002}^{(21)}m_{122}^{(00)}-2m_{110}^{(11)}m_{110}^{(20)}m_{212}^{(22)}+4m_{110}^{(11)}m_{110}^{(20)}m_{113}^{(20)}-2m_{110}^{(11)}m_{110}^{(20)}m_{014}^{(00)}$$
$$-2m_{110}^{(11)}m_{110}^{(21)}m_{302}^{(22)}+4m_{110}^{(11)}m_{110}^{(21)}m_{203}^{(20)}-2m_{110}^{(11)}m_{110}^{(21)}m_{104}^{(00)}+2m_{110}^{(11)}m_{110}^{(22)}m_{311}^{(22)}$$

$$-4m_{110}^{(11)}m_{110}^{(22)}m_{212}^{(20)}+2m_{110}^{(11)}m_{110}^{(22)}m_{113}^{(00)}-2m_{110}^{(11)}m_{101}^{(10)}m_{212}^{(22)}+4m_{110}^{(11)}m_{101}^{(10)}m_{113}^{(20)}$$
$$-2m_{110}^{(11)}m_{101}^{(10)}m_{014}^{(00)}+2m_{110}^{(11)}m_{101}^{(11)}m_{302}^{(22)}-4m_{110}^{(11)}m_{101}^{(11)}m_{203}^{(20)}+2m_{110}^{(11)}m_{101}^{(11)}m_{104}^{(00)}$$
$$+2m_{110}^{(11)}m_{101}^{(20)}m_{221}^{(22)}-4m_{110}^{(11)}m_{101}^{(20)}m_{122}^{(20)}+2m_{110}^{(11)}m_{101}^{(20)}m_{023}^{(00)}-2m_{110}^{(11)}m_{101}^{(21)}m_{311}^{(22)}$$
$$+4m_{110}^{(11)}m_{101}^{(21)}m_{212}^{(20)}-2m_{110}^{(11)}m_{101}^{(21)}m_{113}^{(00)}-m_{110}^{(11)}m_{020}^{(00)}m_{203}^{(22)}+2m_{110}^{(11)}m_{020}^{(00)}m_{104}^{(20)}$$
$$-m_{110}^{(11)}m_{020}^{(00)}m_{005}^{(00)}+2m_{110}^{(11)}m_{020}^{(20)}m_{302}^{(22)}-4m_{110}^{(11)}m_{020}^{(20)}m_{203}^{(20)}+2m_{110}^{(11)}m_{020}^{(20)}m_{104}^{(00)}$$
$$-m_{110}^{(11)}m_{020}^{(22)}m_{401}^{(22)}+2m_{110}^{(11)}m_{020}^{(22)}m_{302}^{(20)}-m_{110}^{(11)}m_{020}^{(22)}m_{203}^{(00)}+2m_{110}^{(11)}m_{011}^{(00)}m_{212}^{(22)}$$
$$-4m_{110}^{(11)}m_{011}^{(00)}m_{113}^{(20)}+2m_{110}^{(11)}m_{011}^{(00)}m_{014}^{(00)}-2m_{110}^{(11)}m_{011}^{(10)}m_{302}^{(22)}+4m_{110}^{(11)}m_{011}^{(10)}m_{203}^{(20)}$$
$$-2m_{110}^{(11)}m_{011}^{(10)}m_{104}^{(00)}-2m_{110}^{(11)}m_{011}^{(20)}m_{311}^{(22)}+4m_{110}^{(11)}m_{011}^{(20)}m_{212}^{(20)}-2m_{110}^{(11)}m_{011}^{(20)}m_{113}^{(00)}$$
$$+2m_{110}^{(11)}m_{011}^{(21)}m_{401}^{(22)}-4m_{110}^{(11)}m_{011}^{(21)}m_{302}^{(20)}+2m_{110}^{(11)}m_{011}^{(21)}m_{203}^{(00)}-m_{110}^{(11)}m_{002}^{(00)}m_{221}^{(22)}$$
$$+2m_{110}^{(11)}m_{002}^{(00)}m_{122}^{(20)}-m_{110}^{(11)}m_{002}^{(00)}m_{023}^{(00)}+2m_{110}^{(11)}m_{002}^{(10)}m_{311}^{(22)}-4m_{110}^{(11)}m_{002}^{(10)}m_{212}^{(20)}$$
$$+2m_{110}^{(11)}m_{002}^{(10)}m_{113}^{(00)}-m_{110}^{(11)}m_{002}^{(11)}m_{401}^{(22)}+2m_{110}^{(11)}m_{002}^{(11)}m_{302}^{(20)}-m_{110}^{(11)}m_{002}^{(11)}m_{203}^{(00)}$$
$$-4(m_{110}^{(20)})^2m_{131}^{(22)}+8(m_{110}^{(20)})^2m_{122}^{(21)}-4(m_{110}^{(20)})^2m_{113}^{(11)}+8m_{110}^{(20)}m_{110}^{(21)}m_{212}^{(21)}$$
$$-4m_{110}^{(20)}m_{110}^{(21)}m_{203}^{(11)}-8m_{110}^{(20)}m_{110}^{(21)}m_{122}^{(20)}+4m_{110}^{(20)}m_{110}^{(21)}m_{023}^{(00)}+4m_{110}^{(20)}m_{110}^{(22)}m_{230}^{(22)}$$
$$-12m_{110}^{(20)}m_{110}^{(22)}m_{221}^{(21)}+6m_{110}^{(20)}m_{110}^{(22)}m_{212}^{(11)}+4m_{110}^{(20)}m_{110}^{(22)}m_{131}^{(20)}-2m_{110}^{(20)}m_{110}^{(22)}m_{032}^{(00)}$$
$$-2m_{110}^{(20)}m_{101}^{(00)}m_{041}^{(22)}+4m_{110}^{(20)}m_{101}^{(00)}m_{032}^{(21)}-2m_{110}^{(20)}m_{101}^{(00)}m_{023}^{(11)}+2m_{110}^{(20)}m_{101}^{(11)}m_{221}^{(22)}$$
$$-4m_{110}^{(20)}m_{101}^{(11)}m_{212}^{(21)}+4m_{110}^{(20)}m_{101}^{(11)}m_{203}^{(11)}-4m_{110}^{(20)}m_{101}^{(11)}m_{113}^{(10)}+2m_{110}^{(20)}m_{101}^{(11)}m_{023}^{(00)}$$
$$+4m_{110}^{(20)}m_{101}^{(20)}m_{140}^{(22)}-8m_{110}^{(20)}m_{101}^{(20)}m_{131}^{(21)}+4m_{110}^{(20)}m_{101}^{(20)}m_{122}^{(11)}-4m_{110}^{(20)}m_{101}^{(21)}m_{230}^{(22)}$$
$$+8m_{110}^{(20)}m_{101}^{(21)}m_{221}^{(21)}-8m_{110}^{(20)}m_{101}^{(21)}m_{212}^{(11)}+8m_{110}^{(20)}m_{101}^{(21)}m_{122}^{(10)}-4m_{110}^{(20)}m_{101}^{(21)}m_{032}^{(00)}$$
$$+2m_{110}^{(20)}m_{101}^{(22)}m_{221}^{(11)}-4m_{110}^{(20)}m_{101}^{(22)}m_{131}^{(10)}+2m_{110}^{(20)}m_{101}^{(22)}m_{041}^{(00)}-4m_{110}^{(20)}m_{020}^{(00)}m_{122}^{(22)}$$
$$+6m_{110}^{(20)}m_{020}^{(00)}m_{113}^{(21)}-2m_{110}^{(20)}m_{020}^{(00)}m_{104}^{(11)}+2m_{110}^{(20)}m_{020}^{(00)}m_{023}^{(20)}-2m_{110}^{(20)}m_{020}^{(00)}m_{014}^{(10)}$$
$$+2m_{110}^{(20)}m_{020}^{(10)}m_{212}^{(22)}-4m_{110}^{(20)}m_{020}^{(10)}m_{113}^{(20)}+2m_{110}^{(20)}m_{020}^{(10)}m_{014}^{(00)}+6m_{110}^{(20)}m_{020}^{(20)}m_{221}^{(22)}$$
$$-12m_{110}^{(20)}m_{020}^{(20)}m_{212}^{(21)}+4m_{110}^{(20)}m_{020}^{(20)}m_{203}^{(11)}+4m_{110}^{(20)}m_{020}^{(20)}m_{113}^{(10)}-2m_{110}^{(20)}m_{020}^{(20)}m_{023}^{(00)}$$
$$-2m_{110}^{(20)}m_{020}^{(21)}m_{311}^{(22)}+4m_{110}^{(20)}m_{020}^{(21)}m_{212}^{(20)}-2m_{110}^{(20)}m_{020}^{(21)}m_{113}^{(00)}-2m_{110}^{(20)}m_{020}^{(22)}m_{320}^{(22)}$$
$$+6m_{110}^{(20)}m_{020}^{(22)}m_{311}^{(21)}-2m_{110}^{(20)}m_{020}^{(22)}m_{302}^{(11)}-2m_{110}^{(20)}m_{020}^{(22)}m_{221}^{(20)}-2m_{110}^{(20)}m_{020}^{(22)}m_{212}^{(10)}$$
$$+2m_{110}^{(20)}m_{020}^{(22)}m_{122}^{(00)}+6m_{110}^{(20)}m_{011}^{(00)}m_{131}^{(22)}-8m_{110}^{(20)}m_{011}^{(00)}m_{122}^{(21)}+2m_{110}^{(20)}m_{011}^{(00)}m_{113}^{(11)}$$
$$-4m_{110}^{(20)}m_{011}^{(00)}m_{032}^{(20)}+4m_{110}^{(20)}m_{011}^{(00)}m_{023}^{(10)}-8m_{110}^{(20)}m_{011}^{(10)}m_{221}^{(22)}+8m_{110}^{(20)}m_{011}^{(10)}m_{212}^{(21)}$$
$$-4m_{110}^{(20)}m_{011}^{(10)}m_{203}^{(11)}+8m_{110}^{(20)}m_{011}^{(10)}m_{122}^{(20)}-4m_{110}^{(20)}m_{011}^{(10)}m_{023}^{(00)}+2m_{110}^{(20)}m_{011}^{(11)}m_{311}^{(22)}$$
$$-4m_{110}^{(20)}m_{011}^{(11)}m_{212}^{(20)}+2m_{110}^{(20)}m_{011}^{(11)}m_{113}^{(00)}-4m_{110}^{(20)}m_{011}^{(20)}m_{230}^{(22)}+8m_{110}^{(20)}m_{011}^{(20)}m_{221}^{(21)}$$
$$-8m_{110}^{(20)}m_{011}^{(20)}m_{122}^{(10)}+4m_{110}^{(20)}m_{011}^{(20)}m_{032}^{(00)}+4m_{110}^{(20)}m_{011}^{(21)}m_{320}^{(22)}-8m_{110}^{(20)}m_{011}^{(21)}m_{311}^{(21)}$$
$$+4m_{110}^{(20)}m_{011}^{(21)}m_{302}^{(11)}-2m_{110}^{(20)}m_{011}^{(22)}m_{311}^{(11)}+4m_{110}^{(20)}m_{011}^{(22)}m_{221}^{(10)}-2m_{110}^{(20)}m_{011}^{(22)}m_{131}^{(00)}$$
$$-2m_{110}^{(20)}m_{002}^{(00)}m_{140}^{(22)}+2m_{110}^{(20)}m_{002}^{(00)}m_{131}^{(21)}+2m_{110}^{(20)}m_{002}^{(00)}m_{041}^{(20)}-2m_{110}^{(20)}m_{002}^{(00)}m_{032}^{(10)}$$
$$+4m_{110}^{(20)}m_{002}^{(10)}m_{230}^{(22)}-4m_{110}^{(20)}m_{002}^{(10)}m_{221}^{(21)}+2m_{110}^{(20)}m_{002}^{(10)}m_{212}^{(11)}-4m_{110}^{(20)}m_{002}^{(10)}m_{131}^{(20)}$$
$$+2m_{110}^{(20)}m_{002}^{(10)}m_{032}^{(00)}-2m_{110}^{(20)}m_{002}^{(11)}m_{320}^{(22)}+2m_{110}^{(20)}m_{002}^{(11)}m_{311}^{(21)}-2m_{110}^{(20)}m_{002}^{(11)}m_{302}^{(11)}$$
$$+2m_{110}^{(20)}m_{002}^{(11)}m_{221}^{(20)}+2m_{110}^{(20)}m_{002}^{(11)}m_{212}^{(10)}-2m_{110}^{(20)}m_{002}^{(20)}m_{122}^{(00)}-2m_{110}^{(20)}m_{002}^{(20)}m_{221}^{(11)}$$
$$+4m_{110}^{(20)}m_{002}^{(20)}m_{131}^{(10)}-2m_{110}^{(20)}m_{002}^{(20)}m_{041}^{(00)}+2m_{110}^{(20)}m_{002}^{(21)}m_{311}^{(11)}-4m_{110}^{(20)}m_{002}^{(21)}m_{221}^{(10)}$$
$$+2m_{110}^{(20)}m_{002}^{(21)}m_{131}^{(00)}+4(m_{110}^{(21)})^2m_{311}^{(22)}-8(m_{110}^{(21)})^2m_{212}^{(20)}+4(m_{110}^{(21)})^2m_{113}^{(00)}$$
$$-4m_{110}^{(21)}m_{110}^{(22)}m_{320}^{(22)}-4m_{110}^{(21)}m_{110}^{(22)}m_{311}^{(21)}+2m_{110}^{(21)}m_{110}^{(22)}m_{302}^{(11)}+12m_{110}^{(21)}m_{110}^{(22)}m_{221}^{(20)}$$
$$-6m_{110}^{(21)}m_{110}^{(22)}m_{122}^{(00)}-2m_{110}^{(21)}m_{101}^{(00)}m_{131}^{(22)}+4m_{110}^{(21)}m_{101}^{(00)}m_{122}^{(21)}-2m_{110}^{(21)}m_{101}^{(00)}m_{113}^{(11)}$$

$$+8m_{110}^{(21)}m_{101}^{(10)}m_{221}^{(22)} - 8m_{110}^{(21)}m_{101}^{(10)}m_{212}^{(21)} + 4m_{110}^{(21)}m_{101}^{(10)}m_{203}^{(11)} - 8m_{110}^{(21)}m_{101}^{(10)}m_{122}^{(20)}$$
$$+4m_{110}^{(21)}m_{101}^{(10)}m_{023}^{(00)} - 6m_{110}^{(21)}m_{101}^{(11)}m_{311}^{(22)} + 4m_{110}^{(21)}m_{101}^{(11)}m_{302}^{(21)} + 8m_{110}^{(21)}m_{101}^{(11)}m_{212}^{(20)}$$
$$-4m_{110}^{(21)}m_{101}^{(11)}m_{203}^{(10)} - 2m_{110}^{(21)}m_{101}^{(11)}m_{113}^{(00)} - 4m_{110}^{(21)}m_{101}^{(20)}m_{230}^{(22)} + 8m_{110}^{(21)}m_{101}^{(20)}m_{131}^{(20)}$$
$$-4m_{110}^{(21)}m_{101}^{(20)}m_{032}^{(00)} + 4m_{110}^{(21)}m_{101}^{(21)}m_{320}^{(22)} - 4m_{110}^{(21)}m_{101}^{(21)}m_{302}^{(11)} - 8m_{110}^{(21)}m_{101}^{(21)}m_{221}^{(20)}$$
$$+8m_{110}^{(21)}m_{101}^{(21)}m_{212}^{(10)} + 2m_{110}^{(21)}m_{101}^{(22)}m_{311}^{(11)} - 4m_{110}^{(21)}m_{101}^{(22)}m_{221}^{(10)} + 2m_{110}^{(21)}m_{101}^{(22)}m_{131}^{(00)}$$
$$+2m_{110}^{(21)}m_{020}^{(00)}m_{203}^{(21)} - 2m_{110}^{(21)}m_{020}^{(00)}m_{113}^{(20)} - 2m_{110}^{(21)}m_{020}^{(00)}m_{104}^{(10)} + 2m_{110}^{(21)}m_{020}^{(00)}m_{014}^{(00)}$$
$$+2m_{110}^{(21)}m_{020}^{(10)}m_{302}^{(22)} - 4m_{110}^{(21)}m_{020}^{(10)}m_{203}^{(20)} + 2m_{110}^{(21)}m_{020}^{(10)}m_{104}^{(00)} - 2m_{110}^{(21)}m_{020}^{(20)}m_{311}^{(22)}$$
$$-4m_{110}^{(21)}m_{020}^{(20)}m_{302}^{(21)} + 8m_{110}^{(21)}m_{020}^{(20)}m_{212}^{(20)} + 4m_{110}^{(21)}m_{020}^{(20)}m_{203}^{(10)} - 6m_{110}^{(21)}m_{020}^{(20)}m_{113}^{(00)}$$
$$-2m_{110}^{(21)}m_{020}^{(21)}m_{401}^{(22)} + 4m_{110}^{(21)}m_{020}^{(21)}m_{302}^{(20)} - 2m_{110}^{(21)}m_{020}^{(21)}m_{203}^{(00)} + 2m_{110}^{(21)}m_{020}^{(22)}m_{410}^{(22)}$$
$$+2m_{110}^{(21)}m_{020}^{(22)}m_{401}^{(21)} - 6m_{110}^{(21)}m_{020}^{(22)}m_{311}^{(20)} - 2m_{110}^{(21)}m_{020}^{(22)}m_{302}^{(10)} + 4m_{110}^{(21)}m_{020}^{(22)}m_{212}^{(00)}$$
$$-2m_{110}^{(21)}m_{011}^{(00)}m_{221}^{(22)} - 2m_{110}^{(21)}m_{011}^{(00)}m_{203}^{(11)} + 4m_{110}^{(21)}m_{011}^{(00)}m_{122}^{(20)} + 4m_{110}^{(21)}m_{011}^{(00)}m_{113}^{(10)}$$
$$-4m_{110}^{(21)}m_{011}^{(00)}m_{023}^{(00)} + 2m_{110}^{(21)}m_{011}^{(11)}m_{401}^{(22)} - 4m_{110}^{(21)}m_{011}^{(11)}m_{302}^{(20)} + 2m_{110}^{(21)}m_{011}^{(11)}m_{203}^{(00)}$$
$$+4m_{110}^{(21)}m_{011}^{(20)}m_{320}^{(22)} + 4m_{110}^{(21)}m_{011}^{(20)}m_{302}^{(11)} - 8m_{110}^{(21)}m_{011}^{(20)}m_{221}^{(20)} - 8m_{110}^{(21)}m_{011}^{(20)}m_{212}^{(10)}$$
$$+8m_{110}^{(21)}m_{011}^{(20)}m_{122}^{(00)} - 4m_{110}^{(21)}m_{011}^{(21)}m_{410}^{(22)} + 8m_{110}^{(21)}m_{011}^{(21)}m_{311}^{(20)} - 4m_{110}^{(21)}m_{011}^{(21)}m_{212}^{(00)}$$
$$-2m_{110}^{(21)}m_{011}^{(22)}m_{401}^{(11)} + 4m_{110}^{(21)}m_{011}^{(22)}m_{311}^{(10)} - 2m_{110}^{(21)}m_{011}^{(22)}m_{221}^{(00)} + 2m_{110}^{(21)}m_{002}^{(00)}m_{230}^{(22)}$$
$$-2m_{110}^{(21)}m_{002}^{(00)}m_{221}^{(21)} + 2m_{110}^{(21)}m_{002}^{(00)}m_{212}^{(11)} - 2m_{110}^{(21)}m_{002}^{(00)}m_{131}^{(20)} - 2m_{110}^{(21)}m_{002}^{(00)}m_{122}^{(10)}$$
$$+2m_{110}^{(21)}m_{002}^{(00)}m_{032}^{(00)} - 4m_{110}^{(21)}m_{002}^{(10)}m_{320}^{(22)} + 4m_{110}^{(21)}m_{002}^{(10)}m_{311}^{(21)} - 2m_{110}^{(21)}m_{002}^{(10)}m_{302}^{(11)}$$
$$+4m_{110}^{(21)}m_{002}^{(10)}m_{221}^{(20)} - 2m_{110}^{(21)}m_{002}^{(10)}m_{122}^{(00)} + 2m_{110}^{(21)}m_{002}^{(11)}m_{410}^{(22)} - 2m_{110}^{(21)}m_{002}^{(11)}m_{401}^{(21)}$$
$$-2m_{110}^{(21)}m_{002}^{(11)}m_{311}^{(20)} + 2m_{110}^{(21)}m_{002}^{(11)}m_{302}^{(10)} - 2m_{110}^{(21)}m_{002}^{(20)}m_{311}^{(11)} + 4m_{110}^{(21)}m_{002}^{(20)}m_{221}^{(10)}$$
$$-2m_{110}^{(21)}m_{002}^{(20)}m_{131}^{(00)} + 2m_{110}^{(21)}m_{002}^{(21)}m_{401}^{(11)} - 4m_{110}^{(21)}m_{002}^{(21)}m_{311}^{(10)} + 2m_{110}^{(21)}m_{002}^{(21)}m_{221}^{(00)}$$
$$+4(m_{110}^{(22)})^2m_{320}^{(21)} - 2(m_{110}^{(22)})^2m_{311}^{(11)} - 4(m_{110}^{(22)})^2m_{230}^{(20)} + 2(m_{110}^{(22)})^2m_{131}^{(00)}$$
$$+2m_{110}^{(22)}m_{101}^{(00)}m_{140}^{(22)} - 4m_{110}^{(22)}m_{101}^{(00)}m_{131}^{(21)} + 2m_{110}^{(22)}m_{101}^{(00)}m_{122}^{(11)} - 4m_{110}^{(22)}m_{101}^{(10)}m_{230}^{(22)}$$
$$+4m_{110}^{(22)}m_{101}^{(10)}m_{221}^{(21)} - 2m_{110}^{(22)}m_{101}^{(10)}m_{212}^{(11)} + 4m_{110}^{(22)}m_{101}^{(10)}m_{131}^{(20)} - 2m_{110}^{(22)}m_{101}^{(10)}m_{032}^{(00)}$$
$$+2m_{110}^{(22)}m_{101}^{(11)}m_{320}^{(22)} - 2m_{110}^{(22)}m_{101}^{(11)}m_{302}^{(11)} - 4m_{110}^{(22)}m_{101}^{(11)}m_{221}^{(20)} + 4m_{110}^{(22)}m_{101}^{(11)}m_{212}^{(10)}$$
$$+4m_{110}^{(22)}m_{101}^{(20)}m_{230}^{(21)} - 2m_{110}^{(22)}m_{101}^{(20)}m_{221}^{(11)} - 4m_{110}^{(22)}m_{101}^{(20)}m_{140}^{(20)} + 2m_{110}^{(22)}m_{101}^{(20)}m_{041}^{(00)}$$
$$-4m_{110}^{(22)}m_{101}^{(21)}m_{320}^{(21)} + 6m_{110}^{(22)}m_{101}^{(21)}m_{311}^{(11)} + 4m_{110}^{(22)}m_{101}^{(21)}m_{230}^{(20)} - 8m_{110}^{(22)}m_{101}^{(21)}m_{221}^{(10)}$$
$$+2m_{110}^{(22)}m_{101}^{(21)}m_{131}^{(00)} - 2m_{110}^{(22)}m_{101}^{(22)}m_{320}^{(11)} + 4m_{110}^{(22)}m_{101}^{(22)}m_{230}^{(10)} - 2m_{110}^{(22)}m_{101}^{(22)}m_{140}^{(00)}$$
$$+2m_{110}^{(22)}m_{020}^{(00)}m_{221}^{(22)} - 4m_{110}^{(22)}m_{020}^{(00)}m_{212}^{(21)} + m_{110}^{(22)}m_{020}^{(00)}m_{203}^{(11)} + 2m_{110}^{(22)}m_{020}^{(00)}m_{113}^{(10)}$$
$$-m_{110}^{(22)}m_{020}^{(00)}m_{023}^{(00)} - 2m_{110}^{(22)}m_{020}^{(10)}m_{311}^{(22)} + 4m_{110}^{(22)}m_{020}^{(10)}m_{212}^{(20)} - 2m_{110}^{(22)}m_{020}^{(10)}m_{113}^{(00)}$$
$$-2m_{110}^{(22)}m_{020}^{(20)}m_{320}^{(22)} + 8m_{110}^{(22)}m_{020}^{(20)}m_{311}^{(21)} - 2m_{110}^{(22)}m_{020}^{(20)}m_{302}^{(11)} - 4m_{110}^{(22)}m_{020}^{(20)}m_{221}^{(20)}$$
$$-4m_{110}^{(22)}m_{020}^{(20)}m_{212}^{(10)} + 4m_{110}^{(22)}m_{020}^{(20)}m_{122}^{(00)} + 2m_{110}^{(22)}m_{020}^{(21)}m_{410}^{(22)} - 4m_{110}^{(22)}m_{020}^{(21)}m_{311}^{(20)}$$
$$+2m_{110}^{(22)}m_{020}^{(21)}m_{212}^{(00)} - 4m_{110}^{(22)}m_{020}^{(22)}m_{410}^{(21)} + m_{110}^{(22)}m_{020}^{(22)}m_{401}^{(11)} + 4m_{110}^{(22)}m_{020}^{(22)}m_{320}^{(20)}$$
$$+2m_{110}^{(22)}m_{020}^{(22)}m_{311}^{(10)} - 3m_{110}^{(22)}m_{020}^{(22)}m_{221}^{(00)} - 2m_{110}^{(22)}m_{011}^{(00)}m_{230}^{(22)} + 4m_{110}^{(22)}m_{011}^{(00)}m_{221}^{(21)}$$
$$-4m_{110}^{(22)}m_{011}^{(00)}m_{122}^{(10)} + 2m_{110}^{(22)}m_{011}^{(00)}m_{032}^{(00)} + 4m_{110}^{(22)}m_{011}^{(10)}m_{320}^{(22)} - 4m_{110}^{(22)}m_{011}^{(10)}m_{311}^{(21)}$$
$$+2m_{110}^{(22)}m_{011}^{(10)}m_{302}^{(11)} - 4m_{110}^{(22)}m_{011}^{(10)}m_{221}^{(20)} + 2m_{110}^{(22)}m_{011}^{(10)}m_{122}^{(00)} - 2m_{110}^{(22)}m_{011}^{(11)}m_{410}^{(22)}$$
$$+4m_{110}^{(22)}m_{011}^{(11)}m_{311}^{(20)} - 2m_{110}^{(22)}m_{011}^{(11)}m_{212}^{(00)} - 4m_{110}^{(22)}m_{011}^{(20)}m_{320}^{(21)} - 2m_{110}^{(22)}m_{011}^{(20)}m_{311}^{(11)}$$
$$+4m_{110}^{(22)}m_{011}^{(20)}m_{230}^{(20)} + 8m_{110}^{(22)}m_{011}^{(20)}m_{221}^{(10)} - 6m_{110}^{(22)}m_{011}^{(20)}m_{131}^{(00)} + 4m_{110}^{(22)}m_{011}^{(21)}m_{410}^{(21)}$$
$$-2m_{110}^{(22)}m_{011}^{(21)}m_{401}^{(11)} - 4m_{110}^{(22)}m_{011}^{(21)}m_{320}^{(20)} + 2m_{110}^{(22)}m_{011}^{(21)}m_{221}^{(00)} + 2m_{110}^{(22)}m_{011}^{(22)}m_{410}^{(11)}$$

$$
\begin{aligned}
&-4m_{110}^{(22)}m_{011}^{(22)}m_{320}^{(10)}+2m_{110}^{(22)}m_{011}^{(22)}m_{230}^{(00)}-m_{110}^{(22)}m_{002}^{(00)}m_{221}^{(11)}+2m_{110}^{(22)}m_{002}^{(00)}m_{131}^{(10)}\\
&-m_{110}^{(22)}m_{002}^{(00)}m_{041}^{(00)}+m_{110}^{(22)}m_{002}^{(11)}m_{401}^{(11)}-2m_{110}^{(22)}m_{002}^{(11)}m_{311}^{(10)}+m_{110}^{(22)}m_{002}^{(11)}m_{221}^{(00)}\\
&+2m_{110}^{(22)}m_{002}^{(20)}m_{320}^{(11)}-4m_{110}^{(22)}m_{002}^{(20)}m_{230}^{(10)}+2m_{110}^{(22)}m_{002}^{(20)}m_{140}^{(00)}-2m_{110}^{(22)}m_{002}^{(21)}m_{410}^{(11)}\\
&+4m_{110}^{(22)}m_{002}^{(21)}m_{320}^{(10)}-2m_{110}^{(22)}m_{002}^{(21)}m_{230}^{(00)}-2m_{101}^{(00)}m_{101}^{(10)}m_{041}^{(22)}+4m_{101}^{(00)}m_{101}^{(10)}m_{032}^{(21)}\\
&-2m_{101}^{(00)}m_{101}^{(10)}m_{023}^{(11)}+2m_{101}^{(00)}m_{101}^{(11)}m_{131}^{(22)}-4m_{101}^{(00)}m_{101}^{(11)}m_{122}^{(21)}+2m_{101}^{(00)}m_{101}^{(11)}m_{113}^{(11)}\\
&+2m_{101}^{(00)}m_{101}^{(20)}m_{050}^{(22)}-4m_{101}^{(00)}m_{101}^{(20)}m_{041}^{(21)}+2m_{101}^{(00)}m_{101}^{(20)}m_{032}^{(11)}-2m_{101}^{(00)}m_{101}^{(21)}m_{140}^{(22)}\\
&+4m_{101}^{(00)}m_{101}^{(21)}m_{131}^{(21)}-2m_{101}^{(00)}m_{101}^{(21)}m_{122}^{(11)}-m_{101}^{(00)}m_{020}^{(00)}m_{032}^{(22)}+2m_{101}^{(00)}m_{020}^{(00)}m_{023}^{(21)}\\
&-m_{101}^{(00)}m_{020}^{(00)}m_{014}^{(11)}+2m_{101}^{(00)}m_{020}^{(20)}m_{131}^{(22)}-4m_{101}^{(00)}m_{020}^{(20)}m_{122}^{(21)}+2m_{101}^{(00)}m_{020}^{(20)}m_{113}^{(11)}\\
&-m_{101}^{(00)}m_{020}^{(22)}m_{230}^{(22)}+2m_{101}^{(00)}m_{020}^{(22)}m_{221}^{(21)}-m_{101}^{(00)}m_{020}^{(22)}m_{212}^{(11)}+2m_{101}^{(00)}m_{011}^{(00)}m_{041}^{(22)}\\
&-4m_{101}^{(00)}m_{011}^{(00)}m_{032}^{(21)}+2m_{101}^{(00)}m_{011}^{(00)}m_{023}^{(11)}-2m_{101}^{(00)}m_{011}^{(10)}m_{131}^{(22)}+4m_{101}^{(00)}m_{011}^{(10)}m_{122}^{(21)}\\
&-2m_{101}^{(00)}m_{011}^{(10)}m_{113}^{(11)}-2m_{101}^{(00)}m_{011}^{(20)}m_{140}^{(22)}+4m_{101}^{(00)}m_{011}^{(20)}m_{131}^{(21)}-2m_{101}^{(00)}m_{011}^{(20)}m_{122}^{(11)}\\
&+2m_{101}^{(00)}m_{011}^{(21)}m_{230}^{(22)}-4m_{101}^{(00)}m_{011}^{(21)}m_{221}^{(21)}+2m_{101}^{(00)}m_{011}^{(21)}m_{212}^{(11)}-m_{101}^{(00)}m_{002}^{(00)}m_{050}^{(22)}\\
&+2m_{101}^{(00)}m_{002}^{(00)}m_{041}^{(21)}-m_{101}^{(00)}m_{002}^{(00)}m_{032}^{(11)}+2m_{101}^{(00)}m_{002}^{(10)}m_{140}^{(22)}-4m_{101}^{(00)}m_{002}^{(10)}m_{131}^{(21)}\\
&+2m_{101}^{(00)}m_{002}^{(10)}m_{122}^{(11)}-m_{101}^{(00)}m_{002}^{(11)}m_{230}^{(22)}+2m_{101}^{(00)}m_{002}^{(11)}m_{221}^{(21)}-m_{101}^{(00)}m_{002}^{(11)}m_{212}^{(11)}\\
&+4(m_{101}^{(10)})^2m_{131}^{(22)}-8(m_{101}^{(10)})^2m_{122}^{(21)}+4(m_{101}^{(10)})^2m_{113}^{(11)}-6m_{101}^{(10)}m_{101}^{(11)}m_{221}^{(22)}\\
&+12m_{101}^{(10)}m_{101}^{(11)}m_{212}^{(21)}-4m_{101}^{(10)}m_{101}^{(11)}m_{203}^{(11)}-4m_{101}^{(10)}m_{101}^{(11)}m_{113}^{(10)}+2m_{101}^{(10)}m_{101}^{(11)}m_{023}^{(00)}\\
&-4m_{101}^{(10)}m_{101}^{(20)}m_{140}^{(22)}+8m_{101}^{(10)}m_{101}^{(20)}m_{131}^{(21)}-4m_{101}^{(10)}m_{101}^{(20)}m_{122}^{(11)}+4m_{101}^{(10)}m_{101}^{(21)}m_{230}^{(22)}\\
&-8m_{101}^{(10)}m_{101}^{(21)}m_{221}^{(21)}+8m_{101}^{(10)}m_{101}^{(21)}m_{122}^{(10)}-4m_{101}^{(10)}m_{101}^{(21)}m_{032}^{(00)}+2m_{101}^{(10)}m_{101}^{(22)}m_{221}^{(11)}\\
&-4m_{101}^{(10)}m_{101}^{(22)}m_{131}^{(10)}+2m_{101}^{(10)}m_{101}^{(22)}m_{041}^{(00)}-2m_{101}^{(10)}m_{020}^{(00)}m_{113}^{(21)}+2m_{101}^{(10)}m_{020}^{(00)}m_{104}^{(11)}\\
&+2m_{101}^{(10)}m_{020}^{(00)}m_{023}^{(20)}-2m_{101}^{(10)}m_{020}^{(00)}m_{014}^{(10)}+2m_{101}^{(10)}m_{020}^{(10)}m_{212}^{(22)}-4m_{101}^{(10)}m_{020}^{(10)}m_{113}^{(20)}\\
&+2m_{101}^{(10)}m_{020}^{(10)}m_{014}^{(00)}-2m_{101}^{(10)}m_{020}^{(20)}m_{221}^{(22)}+4m_{101}^{(10)}m_{020}^{(20)}m_{212}^{(21)}-4m_{101}^{(10)}m_{020}^{(20)}m_{203}^{(11)}\\
&+4m_{101}^{(10)}m_{020}^{(20)}m_{113}^{(10)}-2m_{101}^{(10)}m_{020}^{(20)}m_{023}^{(00)}-2m_{101}^{(10)}m_{020}^{(21)}m_{311}^{(22)}+4m_{101}^{(10)}m_{020}^{(21)}m_{212}^{(20)}\\
&-2m_{101}^{(10)}m_{020}^{(21)}m_{113}^{(00)}+2m_{101}^{(10)}m_{020}^{(22)}m_{320}^{(22)}-2m_{101}^{(10)}m_{020}^{(22)}m_{311}^{(21)}+2m_{101}^{(10)}m_{020}^{(22)}m_{302}^{(11)}\\
&-2m_{101}^{(10)}m_{020}^{(22)}m_{221}^{(20)}-2m_{101}^{(10)}m_{020}^{(22)}m_{212}^{(10)}+2m_{101}^{(10)}m_{020}^{(22)}m_{122}^{(00)}-2m_{101}^{(10)}m_{011}^{(00)}m_{131}^{(22)}\\
&+8m_{101}^{(10)}m_{011}^{(00)}m_{122}^{(21)}-6m_{101}^{(10)}m_{011}^{(00)}m_{113}^{(11)}-4m_{101}^{(10)}m_{011}^{(00)}m_{032}^{(20)}+4m_{101}^{(10)}m_{011}^{(00)}m_{023}^{(10)}\\
&-8m_{101}^{(10)}m_{011}^{(10)}m_{212}^{(21)}+4m_{101}^{(10)}m_{011}^{(10)}m_{203}^{(11)}+8m_{101}^{(10)}m_{011}^{(10)}m_{122}^{(20)}-4m_{101}^{(10)}m_{011}^{(10)}m_{023}^{(00)}\\
&+2m_{101}^{(10)}m_{011}^{(11)}m_{311}^{(22)}-4m_{101}^{(10)}m_{011}^{(11)}m_{212}^{(20)}+2m_{101}^{(10)}m_{011}^{(11)}m_{113}^{(00)}+4m_{101}^{(10)}m_{011}^{(20)}m_{230}^{(22)}\\
&-8m_{101}^{(10)}m_{011}^{(20)}m_{221}^{(21)}+8m_{101}^{(10)}m_{011}^{(20)}m_{212}^{(11)}-8m_{101}^{(10)}m_{011}^{(20)}m_{122}^{(10)}+4m_{101}^{(10)}m_{011}^{(20)}m_{032}^{(00)}\\
&-4m_{101}^{(10)}m_{011}^{(21)}m_{320}^{(22)}+8m_{101}^{(10)}m_{011}^{(21)}m_{311}^{(21)}-4m_{101}^{(10)}m_{011}^{(21)}m_{302}^{(11)}-2m_{101}^{(10)}m_{011}^{(22)}m_{311}^{(11)}\\
&+4m_{101}^{(10)}m_{011}^{(22)}m_{221}^{(10)}-2m_{101}^{(10)}m_{011}^{(22)}m_{131}^{(00)}+2m_{101}^{(10)}m_{002}^{(00)}m_{140}^{(22)}-6m_{101}^{(10)}m_{002}^{(00)}m_{131}^{(21)}\\
&+4m_{101}^{(10)}m_{002}^{(00)}m_{122}^{(11)}+2m_{101}^{(10)}m_{002}^{(00)}m_{041}^{(20)}-2m_{101}^{(10)}m_{002}^{(00)}m_{032}^{(10)}-4m_{101}^{(10)}m_{002}^{(10)}m_{230}^{(22)}\\
&+12m_{101}^{(10)}m_{002}^{(10)}m_{221}^{(21)}-6m_{101}^{(10)}m_{002}^{(10)}m_{212}^{(11)}-4m_{101}^{(10)}m_{002}^{(10)}m_{131}^{(20)}+2m_{101}^{(10)}m_{002}^{(10)}m_{032}^{(00)}\\
&+2m_{101}^{(10)}m_{002}^{(11)}m_{320}^{(22)}-6m_{101}^{(10)}m_{002}^{(11)}m_{311}^{(21)}+2m_{101}^{(10)}m_{002}^{(11)}m_{302}^{(11)}+2m_{101}^{(10)}m_{002}^{(11)}m_{221}^{(20)}\\
&+2m_{101}^{(10)}m_{002}^{(11)}m_{212}^{(10)}-2m_{101}^{(10)}m_{002}^{(11)}m_{122}^{(00)}-2m_{101}^{(10)}m_{002}^{(20)}m_{221}^{(11)}+4m_{101}^{(10)}m_{002}^{(20)}m_{131}^{(10)}\\
&-2m_{101}^{(10)}m_{002}^{(20)}m_{041}^{(00)}+2m_{101}^{(10)}m_{002}^{(21)}m_{311}^{(11)}-4m_{101}^{(10)}m_{002}^{(21)}m_{221}^{(10)}+2m_{101}^{(10)}m_{002}^{(21)}m_{131}^{(00)}\\
&+2(m_{101}^{(11)})^2m_{311}^{(22)}-4(m_{101}^{(11)})^2m_{302}^{(21)}+4(m_{101}^{(11)})^2m_{203}^{(10)}-2(m_{101}^{(11)})^2m_{113}^{(00)}\\
&+2m_{101}^{(11)}m_{101}^{(20)}m_{230}^{(22)}-4m_{101}^{(11)}m_{101}^{(20)}m_{221}^{(21)}+4m_{101}^{(11)}m_{101}^{(20)}m_{122}^{(10)}-2m_{101}^{(11)}m_{101}^{(20)}m_{032}^{(00)}\\
&-2m_{101}^{(11)}m_{101}^{(21)}m_{320}^{(22)}+4m_{101}^{(11)}m_{101}^{(21)}m_{311}^{(21)}+4m_{101}^{(11)}m_{101}^{(21)}m_{302}^{(11)}-12m_{101}^{(11)}m_{101}^{(21)}m_{212}^{(10)}
\end{aligned}
$$

$$+6m_{101}^{(11)}m_{101}^{(21)}m_{122}^{(00)} - 2m_{101}^{(11)}m_{101}^{(22)}m_{311}^{(11)} + 4m_{101}^{(11)}m_{101}^{(22)}m_{221}^{(10)} - 2m_{101}^{(11)}m_{101}^{(22)}m_{131}^{(00)}$$
$$+m_{101}^{(11)}m_{020}^{(00)}m_{212}^{(22)} - 2m_{101}^{(11)}m_{020}^{(00)}m_{113}^{(20)} + m_{101}^{(11)}m_{020}^{(00)}m_{014}^{(00)} - 2m_{101}^{(11)}m_{020}^{(10)}m_{302}^{(22)}$$
$$+4m_{101}^{(11)}m_{020}^{(10)}m_{203}^{(20)} - 2m_{101}^{(11)}m_{020}^{(10)}m_{104}^{(00)} + 2m_{101}^{(11)}m_{020}^{(21)}m_{401}^{(22)} - 4m_{101}^{(11)}m_{020}^{(21)}m_{302}^{(20)}$$
$$+2m_{101}^{(11)}m_{020}^{(21)}m_{203}^{(00)} - m_{101}^{(11)}m_{020}^{(22)}m_{410}^{(22)} + 2m_{101}^{(11)}m_{020}^{(22)}m_{311}^{(20)} - m_{101}^{(11)}m_{020}^{(22)}m_{212}^{(00)}$$
$$-4m_{101}^{(11)}m_{011}^{(00)}m_{212}^{(21)} + 2m_{101}^{(11)}m_{011}^{(00)}m_{203}^{(11)} + 4m_{101}^{(11)}m_{011}^{(00)}m_{122}^{(20)} - 2m_{101}^{(11)}m_{011}^{(00)}m_{023}^{(00)}$$
$$+2m_{101}^{(11)}m_{011}^{(10)}m_{311}^{(22)} + 4m_{101}^{(11)}m_{011}^{(10)}m_{302}^{(21)} - 8m_{101}^{(11)}m_{011}^{(10)}m_{212}^{(20)} - 4m_{101}^{(11)}m_{011}^{(10)}m_{203}^{(10)}$$
$$+6m_{101}^{(11)}m_{011}^{(10)}m_{113}^{(00)} - 2m_{101}^{(11)}m_{011}^{(11)}m_{401}^{(22)} + 4m_{101}^{(11)}m_{011}^{(11)}m_{302}^{(20)} - 2m_{101}^{(11)}m_{011}^{(11)}m_{203}^{(00)}$$
$$-2m_{101}^{(11)}m_{011}^{(20)}m_{320}^{(22)} + 4m_{101}^{(11)}m_{011}^{(20)}m_{311}^{(21)} - 4m_{101}^{(11)}m_{011}^{(20)}m_{302}^{(11)} + 4m_{101}^{(11)}m_{011}^{(20)}m_{212}^{(10)}$$
$$-2m_{101}^{(11)}m_{011}^{(20)}m_{122}^{(00)} + 2m_{101}^{(11)}m_{011}^{(21)}m_{410}^{(22)} - 4m_{101}^{(11)}m_{011}^{(21)}m_{401}^{(21)} + 4m_{101}^{(11)}m_{011}^{(21)}m_{302}^{(10)}$$
$$-2m_{101}^{(11)}m_{011}^{(21)}m_{212}^{(00)} + 2m_{101}^{(11)}m_{011}^{(22)}m_{401}^{(11)} - 4m_{101}^{(11)}m_{011}^{(22)}m_{311}^{(10)} + 2m_{101}^{(11)}m_{011}^{(22)}m_{221}^{(00)}$$
$$-m_{101}^{(11)}m_{002}^{(00)}m_{230}^{(22)} + 4m_{101}^{(11)}m_{002}^{(00)}m_{221}^{(21)} - 2m_{101}^{(11)}m_{002}^{(00)}m_{212}^{(11)} - 2m_{101}^{(11)}m_{002}^{(00)}m_{131}^{(20)}$$
$$+m_{101}^{(11)}m_{002}^{(00)}m_{032}^{(00)} + 2m_{101}^{(11)}m_{002}^{(10)}m_{320}^{(22)} - 8m_{101}^{(11)}m_{002}^{(10)}m_{311}^{(21)} + 2m_{101}^{(11)}m_{002}^{(10)}m_{302}^{(11)}$$
$$+4m_{101}^{(11)}m_{002}^{(10)}m_{221}^{(20)} + 4m_{101}^{(11)}m_{002}^{(10)}m_{212}^{(10)} - 4m_{101}^{(11)}m_{002}^{(10)}m_{122}^{(00)} - m_{101}^{(11)}m_{002}^{(11)}m_{410}^{(22)}$$
$$+4m_{101}^{(11)}m_{002}^{(11)}m_{401}^{(21)} - 2m_{101}^{(11)}m_{002}^{(11)}m_{311}^{(20)} - 4m_{101}^{(11)}m_{002}^{(11)}m_{302}^{(10)} + 3m_{101}^{(11)}m_{002}^{(11)}m_{212}^{(00)}$$
$$+2m_{101}^{(11)}m_{002}^{(20)}m_{311}^{(11)} - 4m_{101}^{(11)}m_{002}^{(20)}m_{221}^{(10)} + 2m_{101}^{(11)}m_{002}^{(20)}m_{131}^{(00)} - 2m_{101}^{(11)}m_{002}^{(21)}m_{401}^{(11)}$$
$$+4m_{101}^{(11)}m_{002}^{(21)}m_{311}^{(10)} - 2m_{101}^{(11)}m_{002}^{(21)}m_{221}^{(00)} + 4m_{101}^{(20)}m_{101}^{(21)}m_{221}^{(11)} - 8m_{101}^{(20)}m_{101}^{(21)}m_{131}^{(10)}$$
$$+4m_{101}^{(20)}m_{101}^{(21)}m_{041}^{(00)} - 2m_{101}^{(20)}m_{101}^{(22)}m_{230}^{(11)} + 4m_{101}^{(20)}m_{101}^{(22)}m_{140}^{(10)} - 2m_{101}^{(20)}m_{101}^{(22)}m_{050}^{(00)}$$
$$+2m_{101}^{(20)}m_{020}^{(00)}m_{131}^{(22)} - 2m_{101}^{(20)}m_{020}^{(00)}m_{122}^{(21)} - 2m_{101}^{(20)}m_{020}^{(00)}m_{032}^{(20)} + 2m_{101}^{(20)}m_{020}^{(00)}m_{023}^{(10)}$$
$$-2m_{101}^{(20)}m_{020}^{(10)}m_{221}^{(22)} + 4m_{101}^{(20)}m_{020}^{(10)}m_{122}^{(20)} - 2m_{101}^{(20)}m_{020}^{(10)}m_{023}^{(00)} - 2m_{101}^{(20)}m_{020}^{(20)}m_{230}^{(22)}$$
$$+4m_{101}^{(20)}m_{020}^{(20)}m_{221}^{(21)} - 4m_{101}^{(20)}m_{020}^{(20)}m_{122}^{(10)} + 2m_{101}^{(20)}m_{020}^{(20)}m_{032}^{(00)} + 2m_{101}^{(20)}m_{020}^{(21)}m_{320}^{(22)}$$
$$-4m_{101}^{(20)}m_{020}^{(21)}m_{221}^{(20)} + 2m_{101}^{(20)}m_{020}^{(21)}m_{122}^{(00)} - 2m_{101}^{(20)}m_{020}^{(22)}m_{320}^{(21)} + 2m_{101}^{(20)}m_{020}^{(22)}m_{230}^{(20)}$$
$$+2m_{101}^{(20)}m_{020}^{(22)}m_{221}^{(10)} - 2m_{101}^{(20)}m_{020}^{(22)}m_{131}^{(00)} - 2m_{101}^{(20)}m_{011}^{(00)}m_{140}^{(22)} + 2m_{101}^{(20)}m_{011}^{(00)}m_{122}^{(11)}$$
$$+4m_{101}^{(20)}m_{011}^{(00)}m_{041}^{(20)} - 4m_{101}^{(20)}m_{011}^{(00)}m_{032}^{(10)} + 4m_{101}^{(20)}m_{011}^{(10)}m_{230}^{(22)} - 8m_{101}^{(20)}m_{011}^{(10)}m_{131}^{(20)}$$
$$+4m_{101}^{(20)}m_{011}^{(10)}m_{032}^{(00)} - 2m_{101}^{(20)}m_{011}^{(11)}m_{320}^{(22)} + 4m_{101}^{(20)}m_{011}^{(11)}m_{221}^{(20)} - 2m_{101}^{(20)}m_{011}^{(11)}m_{122}^{(00)}$$
$$-4m_{101}^{(20)}m_{011}^{(20)}m_{221}^{(11)} + 8m_{101}^{(20)}m_{011}^{(20)}m_{131}^{(10)} - 4m_{101}^{(20)}m_{011}^{(20)}m_{041}^{(00)} + 2m_{101}^{(20)}m_{011}^{(22)}m_{320}^{(11)}$$
$$-4m_{101}^{(20)}m_{011}^{(22)}m_{230}^{(10)} + 2m_{101}^{(20)}m_{011}^{(22)}m_{140}^{(00)} + 2m_{101}^{(20)}m_{002}^{(00)}m_{140}^{(21)} - 2m_{101}^{(20)}m_{002}^{(00)}m_{131}^{(11)}$$
$$-2m_{101}^{(20)}m_{002}^{(00)}m_{050}^{(20)} + 2m_{101}^{(20)}m_{002}^{(00)}m_{041}^{(10)} - 4m_{101}^{(20)}m_{002}^{(10)}m_{230}^{(21)} + 2m_{101}^{(20)}m_{002}^{(10)}m_{221}^{(11)}$$
$$+4m_{101}^{(20)}m_{002}^{(10)}m_{140}^{(20)} - 2m_{101}^{(20)}m_{002}^{(10)}m_{041}^{(00)} + 2m_{101}^{(20)}m_{002}^{(11)}m_{320}^{(21)} - 2m_{101}^{(20)}m_{002}^{(11)}m_{230}^{(20)}$$
$$-2m_{101}^{(20)}m_{002}^{(11)}m_{221}^{(10)} + 2m_{101}^{(20)}m_{002}^{(11)}m_{131}^{(00)} + 2m_{101}^{(20)}m_{002}^{(20)}m_{230}^{(11)} - 4m_{101}^{(20)}m_{002}^{(20)}m_{140}^{(10)}$$
$$+2m_{101}^{(20)}m_{002}^{(20)}m_{050}^{(00)} - 2m_{101}^{(20)}m_{002}^{(21)}m_{320}^{(11)} + 4m_{101}^{(20)}m_{002}^{(21)}m_{230}^{(10)} - 2m_{101}^{(20)}m_{002}^{(21)}m_{140}^{(00)}$$
$$-4(m_{101}^{(21)})^2m_{311}^{(11)} + 8(m_{101}^{(21)})^2m_{221}^{(10)} - 4(m_{101}^{(21)})^2m_{131}^{(00)} + 2m_{101}^{(21)}m_{101}^{(22)}m_{320}^{(11)}$$
$$-4m_{101}^{(21)}m_{101}^{(22)}m_{230}^{(10)} + 2m_{101}^{(21)}m_{101}^{(22)}m_{140}^{(00)} - 2m_{101}^{(21)}m_{020}^{(00)}m_{221}^{(22)} + 2m_{101}^{(21)}m_{020}^{(00)}m_{212}^{(21)}$$
$$-2m_{101}^{(21)}m_{020}^{(00)}m_{203}^{(11)} + 2m_{101}^{(21)}m_{020}^{(00)}m_{122}^{(20)} + 2m_{101}^{(21)}m_{020}^{(00)}m_{113}^{(10)} - 2m_{101}^{(21)}m_{020}^{(00)}m_{023}^{(00)}$$
$$+2m_{101}^{(21)}m_{020}^{(10)}m_{311}^{(22)} - 4m_{101}^{(21)}m_{020}^{(10)}m_{212}^{(20)} + 2m_{101}^{(21)}m_{020}^{(10)}m_{113}^{(00)} + 2m_{101}^{(21)}m_{020}^{(20)}m_{320}^{(22)}$$
$$-4m_{101}^{(21)}m_{020}^{(20)}m_{311}^{(21)} + 4m_{101}^{(21)}m_{020}^{(20)}m_{302}^{(11)} - 4m_{101}^{(21)}m_{020}^{(20)}m_{212}^{(10)} + 2m_{101}^{(21)}m_{020}^{(20)}m_{122}^{(00)}$$
$$-2m_{101}^{(21)}m_{020}^{(21)}m_{410}^{(22)} + 4m_{101}^{(21)}m_{020}^{(21)}m_{311}^{(20)} - 2m_{101}^{(21)}m_{020}^{(21)}m_{212}^{(00)} + 2m_{101}^{(21)}m_{020}^{(22)}m_{410}^{(21)}$$
$$-2m_{101}^{(21)}m_{020}^{(22)}m_{401}^{(11)} - 2m_{101}^{(21)}m_{020}^{(22)}m_{320}^{(20)} + 2m_{101}^{(21)}m_{020}^{(22)}m_{311}^{(10)} + 2m_{101}^{(21)}m_{011}^{(00)}m_{230}^{(22)}$$
$$+2m_{101}^{(21)}m_{011}^{(00)}m_{212}^{(11)} - 4m_{101}^{(21)}m_{011}^{(00)}m_{131}^{(20)} - 4m_{101}^{(21)}m_{011}^{(00)}m_{122}^{(10)} + 4m_{101}^{(21)}m_{011}^{(00)}m_{032}^{(00)}$$

$$
\begin{aligned}
&-4m_{101}^{(21)}m_{011}^{(10)}m_{320}^{(22)} - 4m_{101}^{(21)}m_{011}^{(10)}m_{302}^{(11)} + 8m_{101}^{(21)}m_{011}^{(10)}m_{221}^{(20)} + 8m_{101}^{(21)}m_{011}^{(10)}m_{212}^{(10)}\\
&-8m_{101}^{(21)}m_{011}^{(10)}m_{122}^{(00)} + 2m_{101}^{(21)}m_{011}^{(11)}m_{410}^{(22)} - 4m_{101}^{(21)}m_{011}^{(11)}m_{311}^{(20)} + 2m_{101}^{(21)}m_{011}^{(11)}m_{212}^{(00)}\\
&+4m_{101}^{(21)}m_{011}^{(21)}m_{401}^{(11)} - 8m_{101}^{(21)}m_{011}^{(21)}m_{311}^{(10)} + 4m_{101}^{(21)}m_{011}^{(21)}m_{221}^{(00)} - 2m_{101}^{(21)}m_{011}^{(22)}m_{410}^{(11)}\\
&+4m_{101}^{(21)}m_{011}^{(22)}m_{320}^{(10)} - 2m_{101}^{(21)}m_{011}^{(22)}m_{230}^{(00)} - 2m_{101}^{(21)}m_{002}^{(00)}m_{230}^{(21)} + 2m_{101}^{(21)}m_{002}^{(00)}m_{140}^{(20)}\\
&+2m_{101}^{(21)}m_{002}^{(00)}m_{131}^{(10)} - 2m_{101}^{(21)}m_{002}^{(00)}m_{041}^{(00)} + 4m_{101}^{(21)}m_{002}^{(10)}m_{320}^{(21)} + 2m_{101}^{(21)}m_{002}^{(10)}m_{311}^{(11)}\\
&-4m_{101}^{(21)}m_{002}^{(10)}m_{230}^{(20)} - 8m_{101}^{(21)}m_{002}^{(10)}m_{221}^{(10)} + 6m_{101}^{(21)}m_{002}^{(10)}m_{131}^{(00)} - 2m_{101}^{(21)}m_{002}^{(11)}m_{410}^{(21)}\\
&-2m_{101}^{(21)}m_{002}^{(11)}m_{401}^{(11)} + 2m_{101}^{(21)}m_{002}^{(11)}m_{320}^{(20)} + 6m_{101}^{(21)}m_{002}^{(11)}m_{311}^{(10)} - 4m_{101}^{(21)}m_{002}^{(11)}m_{221}^{(00)}\\
&-2m_{101}^{(21)}m_{002}^{(20)}m_{320}^{(11)} + 4m_{101}^{(21)}m_{002}^{(20)}m_{230}^{(10)} - 2m_{101}^{(21)}m_{002}^{(20)}m_{140}^{(00)} + 2m_{101}^{(21)}m_{002}^{(21)}m_{410}^{(11)}\\
&-4m_{101}^{(21)}m_{002}^{(21)}m_{320}^{(10)} + 2m_{101}^{(21)}m_{002}^{(21)}m_{230}^{(00)} + m_{101}^{(22)}m_{020}^{(00)}m_{212}^{(11)} - 2m_{101}^{(22)}m_{020}^{(00)}m_{122}^{(10)}\\
&+m_{101}^{(22)}m_{020}^{(00)}m_{032}^{(00)} - 2m_{101}^{(22)}m_{020}^{(20)}m_{311}^{(11)} + 4m_{101}^{(22)}m_{020}^{(20)}m_{221}^{(10)} - 2m_{101}^{(22)}m_{020}^{(20)}m_{131}^{(00)}\\
&+m_{101}^{(22)}m_{020}^{(22)}m_{410}^{(11)} - 2m_{101}^{(22)}m_{020}^{(22)}m_{320}^{(10)} + m_{101}^{(22)}m_{020}^{(22)}m_{230}^{(00)} - 2m_{101}^{(22)}m_{011}^{(00)}m_{221}^{(11)}\\
&+4m_{101}^{(22)}m_{011}^{(00)}m_{131}^{(10)} - 2m_{101}^{(22)}m_{011}^{(00)}m_{041}^{(00)} + 2m_{101}^{(22)}m_{011}^{(10)}m_{311}^{(11)} - 4m_{101}^{(22)}m_{011}^{(10)}m_{221}^{(10)}\\
&+2m_{101}^{(22)}m_{011}^{(10)}m_{131}^{(00)} + 2m_{101}^{(22)}m_{011}^{(20)}m_{320}^{(11)} - 4m_{101}^{(22)}m_{011}^{(20)}m_{230}^{(10)} + 2m_{101}^{(22)}m_{011}^{(20)}m_{140}^{(00)}\\
&-2m_{101}^{(22)}m_{011}^{(21)}m_{410}^{(11)} + 4m_{101}^{(22)}m_{011}^{(21)}m_{320}^{(10)} - 2m_{101}^{(22)}m_{011}^{(21)}m_{230}^{(00)} + m_{101}^{(22)}m_{002}^{(00)}m_{230}^{(11)}\\
&-2m_{101}^{(22)}m_{002}^{(00)}m_{140}^{(10)} + m_{101}^{(22)}m_{002}^{(00)}m_{050}^{(00)} - 2m_{101}^{(22)}m_{002}^{(10)}m_{320}^{(11)} + 4m_{101}^{(22)}m_{002}^{(10)}m_{230}^{(10)}\\
&-2m_{101}^{(22)}m_{002}^{(10)}m_{140}^{(00)} + m_{101}^{(22)}m_{002}^{(11)}m_{410}^{(11)} - 2m_{101}^{(22)}m_{002}^{(11)}m_{320}^{(10)} + m_{101}^{(22)}m_{002}^{(11)}m_{230}^{(00)}\\
&-(m_{020}^{(00)})^2m_{113}^{(22)} + (m_{020}^{(00)})^2m_{104}^{(21)} + (m_{020}^{(00)})^2m_{014}^{(20)} - (m_{020}^{(00)})^2m_{005}^{(10)}\\
&+m_{020}^{(00)}m_{020}^{(10)}m_{203}^{(22)} - 2m_{020}^{(00)}m_{020}^{(10)}m_{104}^{(20)} + m_{020}^{(00)}m_{020}^{(10)}m_{005}^{(00)} + 3m_{020}^{(00)}m_{020}^{(20)}m_{212}^{(22)}\\
&-4m_{020}^{(00)}m_{020}^{(20)}m_{203}^{(21)} - 2m_{020}^{(00)}m_{020}^{(20)}m_{113}^{(20)} + 4m_{020}^{(00)}m_{020}^{(20)}m_{104}^{(10)} - m_{020}^{(00)}m_{020}^{(20)}m_{014}^{(00)}\\
&-m_{020}^{(00)}m_{020}^{(21)}m_{302}^{(22)} + 2m_{020}^{(00)}m_{020}^{(21)}m_{203}^{(20)} - m_{020}^{(00)}m_{020}^{(21)}m_{104}^{(00)} - m_{020}^{(00)}m_{020}^{(22)}m_{311}^{(22)}\\
&+2m_{020}^{(00)}m_{020}^{(22)}m_{302}^{(21)} - 2m_{020}^{(00)}m_{020}^{(22)}m_{203}^{(10)} + m_{020}^{(00)}m_{020}^{(22)}m_{113}^{(00)} + 3m_{020}^{(00)}m_{011}^{(00)}m_{122}^{(22)}\\
&-2m_{020}^{(00)}m_{011}^{(00)}m_{113}^{(21)} - m_{020}^{(00)}m_{011}^{(00)}m_{104}^{(11)} - 4m_{020}^{(00)}m_{011}^{(00)}m_{023}^{(20)} + 4m_{020}^{(00)}m_{011}^{(00)}m_{014}^{(10)}\\
&-4m_{020}^{(00)}m_{011}^{(10)}m_{212}^{(22)} + 2m_{020}^{(00)}m_{011}^{(10)}m_{203}^{(21)} + 6m_{020}^{(00)}m_{011}^{(10)}m_{113}^{(20)} - 2m_{020}^{(00)}m_{011}^{(10)}m_{104}^{(10)}\\
&-2m_{020}^{(00)}m_{011}^{(10)}m_{014}^{(00)} + m_{020}^{(00)}m_{011}^{(11)}m_{302}^{(22)} - 2m_{020}^{(00)}m_{011}^{(11)}m_{203}^{(20)} + m_{020}^{(00)}m_{011}^{(11)}m_{104}^{(00)}\\
&-2m_{020}^{(00)}m_{011}^{(20)}m_{221}^{(22)} + 2m_{020}^{(00)}m_{011}^{(20)}m_{212}^{(21)} + 2m_{020}^{(00)}m_{011}^{(20)}m_{203}^{(11)} + 2m_{020}^{(00)}m_{011}^{(20)}m_{122}^{(20)}\\
&-6m_{020}^{(00)}m_{011}^{(20)}m_{113}^{(10)} + 2m_{020}^{(00)}m_{011}^{(20)}m_{023}^{(00)} + 2m_{020}^{(00)}m_{011}^{(21)}m_{311}^{(22)} - 2m_{020}^{(00)}m_{011}^{(21)}m_{302}^{(21)}\\
&-2m_{020}^{(00)}m_{011}^{(21)}m_{212}^{(20)} + 2m_{020}^{(00)}m_{011}^{(21)}m_{203}^{(10)} - m_{020}^{(00)}m_{011}^{(22)}m_{302}^{(11)} + 2m_{020}^{(00)}m_{011}^{(22)}m_{212}^{(10)}\\
&-m_{020}^{(00)}m_{011}^{(22)}m_{122}^{(00)} - m_{020}^{(00)}m_{002}^{(00)}m_{131}^{(22)} + m_{020}^{(00)}m_{002}^{(00)}m_{113}^{(11)} + 2m_{020}^{(00)}m_{002}^{(00)}m_{032}^{(20)}\\
&-2m_{020}^{(00)}m_{002}^{(00)}m_{023}^{(10)} + 2m_{020}^{(00)}m_{002}^{(10)}m_{221}^{(22)} - m_{020}^{(00)}m_{002}^{(10)}m_{203}^{(11)} - 4m_{020}^{(00)}m_{002}^{(10)}m_{122}^{(20)}\\
&+2m_{020}^{(00)}m_{002}^{(10)}m_{113}^{(10)} + m_{020}^{(00)}m_{002}^{(10)}m_{023}^{(00)} - m_{020}^{(00)}m_{002}^{(11)}m_{311}^{(22)} + 2m_{020}^{(00)}m_{002}^{(11)}m_{212}^{(20)}\\
&-m_{020}^{(00)}m_{002}^{(11)}m_{113}^{(00)} - m_{020}^{(00)}m_{002}^{(20)}m_{212}^{(11)} + 2m_{020}^{(00)}m_{002}^{(20)}m_{122}^{(10)} - m_{020}^{(00)}m_{002}^{(20)}m_{032}^{(00)}\\
&+m_{020}^{(00)}m_{002}^{(21)}m_{302}^{(11)} - 2m_{020}^{(00)}m_{002}^{(21)}m_{212}^{(10)} + m_{020}^{(00)}m_{002}^{(21)}m_{122}^{(00)} - 2m_{020}^{(10)}m_{020}^{(20)}m_{302}^{(22)}\\
&+4m_{020}^{(10)}m_{020}^{(20)}m_{203}^{(20)} - 2m_{020}^{(10)}m_{020}^{(20)}m_{104}^{(00)} + m_{020}^{(10)}m_{020}^{(22)}m_{401}^{(22)} - 2m_{020}^{(10)}m_{020}^{(22)}m_{302}^{(20)}\\
&+m_{020}^{(10)}m_{020}^{(22)}m_{203}^{(00)} - 2m_{020}^{(10)}m_{011}^{(00)}m_{212}^{(22)} + 4m_{020}^{(10)}m_{011}^{(00)}m_{113}^{(20)} - 2m_{020}^{(10)}m_{011}^{(00)}m_{014}^{(00)}\\
&+2m_{020}^{(10)}m_{011}^{(10)}m_{302}^{(22)} - 4m_{020}^{(10)}m_{011}^{(10)}m_{203}^{(20)} + 2m_{020}^{(10)}m_{011}^{(10)}m_{104}^{(00)} + 2m_{020}^{(10)}m_{011}^{(20)}m_{311}^{(22)}\\
&-4m_{020}^{(10)}m_{011}^{(20)}m_{212}^{(20)} + 2m_{020}^{(10)}m_{011}^{(20)}m_{113}^{(00)} - 2m_{020}^{(10)}m_{011}^{(21)}m_{401}^{(22)} + 4m_{020}^{(10)}m_{011}^{(21)}m_{302}^{(20)}\\
&-2m_{020}^{(10)}m_{011}^{(21)}m_{203}^{(00)} + m_{020}^{(10)}m_{002}^{(00)}m_{221}^{(22)} - 2m_{020}^{(10)}m_{002}^{(00)}m_{122}^{(20)} + m_{020}^{(10)}m_{002}^{(00)}m_{023}^{(00)}\\
&-2m_{020}^{(10)}m_{002}^{(10)}m_{311}^{(22)} + 4m_{020}^{(10)}m_{002}^{(10)}m_{212}^{(20)} - 2m_{020}^{(10)}m_{002}^{(10)}m_{113}^{(00)} + m_{020}^{(10)}m_{002}^{(11)}m_{401}^{(22)}
\end{aligned}
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\begin{aligned}
&-2m_{020}^{(10)}m_{002}^{(11)}m_{302}^{(20)}+m_{020}^{(10)}m_{002}^{(11)}m_{203}^{(00)}-2(m_{020}^{(20)})^2m_{311}^{(22)}+4(m_{020}^{(20)})^2m_{302}^{(21)}\\
&-4(m_{020}^{(20)})^2m_{203}^{(10)}+2(m_{020}^{(20)})^2m_{113}^{(00)}+2m_{020}^{(20)}m_{020}^{(21)}m_{401}^{(22)}-4m_{020}^{(20)}m_{020}^{(21)}m_{302}^{(20)}\\
&+2m_{020}^{(20)}m_{020}^{(21)}m_{203}^{(00)}+m_{020}^{(20)}m_{020}^{(22)}m_{410}^{(22)}-4m_{020}^{(20)}m_{020}^{(22)}m_{401}^{(21)}+2m_{020}^{(20)}m_{020}^{(22)}m_{311}^{(20)}\\
&+4m_{020}^{(20)}m_{020}^{(22)}m_{302}^{(10)}-3m_{020}^{(20)}m_{020}^{(22)}m_{212}^{(00)}-4m_{020}^{(20)}m_{011}^{(00)}m_{221}^{(22)}+4m_{020}^{(20)}m_{011}^{(00)}m_{212}^{(21)}\\
&+2m_{020}^{(20)}m_{011}^{(00)}m_{203}^{(11)}+4m_{020}^{(20)}m_{011}^{(00)}m_{122}^{(20)}-8m_{020}^{(20)}m_{011}^{(00)}m_{113}^{(10)}+2m_{020}^{(20)}m_{011}^{(00)}m_{023}^{(00)}\\
&+6m_{020}^{(20)}m_{011}^{(10)}m_{311}^{(22)}-4m_{020}^{(20)}m_{011}^{(10)}m_{302}^{(21)}-8m_{020}^{(20)}m_{011}^{(10)}m_{212}^{(20)}+4m_{020}^{(20)}m_{011}^{(10)}m_{203}^{(10)}\\
&+2m_{020}^{(20)}m_{011}^{(10)}m_{113}^{(00)}-2m_{020}^{(20)}m_{011}^{(11)}m_{401}^{(22)}+4m_{020}^{(20)}m_{011}^{(11)}m_{302}^{(20)}-2m_{020}^{(20)}m_{011}^{(11)}m_{203}^{(00)}\\
&+2m_{020}^{(20)}m_{011}^{(20)}m_{320}^{(22)}-4m_{020}^{(20)}m_{011}^{(20)}m_{311}^{(21)}-4m_{020}^{(20)}m_{011}^{(20)}m_{302}^{(11)}+12m_{020}^{(20)}m_{011}^{(20)}m_{212}^{(10)}\\
&-6m_{020}^{(20)}m_{011}^{(20)}m_{122}^{(00)}-2m_{020}^{(20)}m_{011}^{(21)}m_{410}^{(22)}+4m_{020}^{(20)}m_{011}^{(21)}m_{401}^{(21)}-4m_{020}^{(20)}m_{011}^{(21)}m_{302}^{(10)}\\
&+2m_{020}^{(20)}m_{011}^{(21)}m_{212}^{(00)}+2m_{020}^{(20)}m_{011}^{(22)}m_{401}^{(11)}-4m_{020}^{(20)}m_{011}^{(22)}m_{311}^{(10)}+2m_{020}^{(20)}m_{011}^{(22)}m_{221}^{(00)}\\
&+m_{020}^{(20)}m_{002}^{(00)}m_{230}^{(22)}-2m_{020}^{(20)}m_{002}^{(00)}m_{212}^{(11)}-2m_{020}^{(20)}m_{002}^{(00)}m_{131}^{(20)}+4m_{020}^{(20)}m_{002}^{(00)}m_{122}^{(10)}\\
&-m_{020}^{(20)}m_{002}^{(00)}m_{032}^{(00)}-2m_{020}^{(20)}m_{002}^{(10)}m_{320}^{(22)}+2m_{020}^{(20)}m_{002}^{(10)}m_{302}^{(11)}+4m_{020}^{(20)}m_{002}^{(10)}m_{221}^{(20)}\\
&-4m_{020}^{(20)}m_{002}^{(10)}m_{212}^{(10)}+m_{020}^{(20)}m_{002}^{(11)}m_{410}^{(22)}-2m_{020}^{(20)}m_{002}^{(11)}m_{311}^{(20)}+m_{020}^{(20)}m_{002}^{(11)}m_{212}^{(00)}\\
&+2m_{020}^{(20)}m_{002}^{(20)}m_{311}^{(11)}-4m_{020}^{(20)}m_{002}^{(20)}m_{221}^{(10)}+2m_{020}^{(20)}m_{002}^{(20)}m_{131}^{(00)}-2m_{020}^{(20)}m_{002}^{(21)}m_{401}^{(11)}\\
&+4m_{020}^{(20)}m_{002}^{(21)}m_{311}^{(10)}-2m_{020}^{(20)}m_{002}^{(21)}m_{221}^{(00)}-m_{020}^{(21)}m_{020}^{(22)}m_{500}^{(22)}+2m_{020}^{(21)}m_{020}^{(22)}m_{401}^{(20)}\\
&-m_{020}^{(21)}m_{020}^{(22)}m_{302}^{(00)}+2m_{020}^{(21)}m_{011}^{(00)}m_{311}^{(22)}-4m_{020}^{(21)}m_{011}^{(00)}m_{212}^{(20)}+2m_{020}^{(21)}m_{011}^{(00)}m_{113}^{(00)}\\
&-2m_{020}^{(21)}m_{011}^{(10)}m_{401}^{(22)}+4m_{020}^{(21)}m_{011}^{(10)}m_{302}^{(20)}-2m_{020}^{(21)}m_{011}^{(10)}m_{203}^{(00)}-2m_{020}^{(21)}m_{011}^{(20)}m_{410}^{(22)}\\
&+4m_{020}^{(21)}m_{011}^{(20)}m_{311}^{(20)}-2m_{020}^{(21)}m_{011}^{(20)}m_{212}^{(00)}+2m_{020}^{(21)}m_{011}^{(21)}m_{500}^{(22)}-4m_{020}^{(21)}m_{011}^{(21)}m_{401}^{(20)}\\
&+2m_{020}^{(21)}m_{011}^{(21)}m_{302}^{(00)}-m_{020}^{(21)}m_{002}^{(00)}m_{320}^{(22)}+2m_{020}^{(21)}m_{002}^{(00)}m_{221}^{(20)}-m_{020}^{(21)}m_{002}^{(00)}m_{122}^{(00)}\\
&+2m_{020}^{(21)}m_{002}^{(10)}m_{410}^{(22)}-4m_{020}^{(21)}m_{002}^{(10)}m_{311}^{(20)}+2m_{020}^{(21)}m_{002}^{(10)}m_{212}^{(00)}-m_{020}^{(21)}m_{002}^{(11)}m_{500}^{(22)}\\
&+2m_{020}^{(21)}m_{002}^{(11)}m_{401}^{(20)}-m_{020}^{(21)}m_{002}^{(11)}m_{302}^{(00)}+(m_{020}^{(22)})^2m_{500}^{(21)}-(m_{020}^{(22)})^2m_{410}^{(20)}\\
&-(m_{020}^{(22)})^2m_{401}^{(10)}+(m_{020}^{(22)})^2m_{311}^{(00)}+m_{020}^{(22)}m_{011}^{(00)}m_{320}^{(22)}-2m_{020}^{(22)}m_{011}^{(00)}m_{311}^{(21)}\\
&-m_{020}^{(22)}m_{011}^{(00)}m_{302}^{(11)}+4m_{020}^{(22)}m_{011}^{(00)}m_{212}^{(10)}-2m_{020}^{(22)}m_{011}^{(00)}m_{122}^{(00)}-2m_{020}^{(22)}m_{011}^{(10)}m_{410}^{(22)}\\
&+2m_{020}^{(22)}m_{011}^{(10)}m_{401}^{(21)}+2m_{020}^{(22)}m_{011}^{(10)}m_{311}^{(20)}-2m_{020}^{(22)}m_{011}^{(10)}m_{302}^{(10)}+m_{020}^{(22)}m_{011}^{(11)}m_{500}^{(22)}\\
&-2m_{020}^{(22)}m_{011}^{(11)}m_{401}^{(20)}+m_{020}^{(22)}m_{011}^{(11)}m_{302}^{(00)}+2m_{020}^{(22)}m_{011}^{(20)}m_{410}^{(21)}+2m_{020}^{(22)}m_{011}^{(20)}m_{401}^{(11)}\\
&-2m_{020}^{(22)}m_{011}^{(20)}m_{320}^{(20)}-6m_{020}^{(22)}m_{011}^{(20)}m_{311}^{(10)}+4m_{020}^{(22)}m_{011}^{(20)}m_{221}^{(00)}-2m_{020}^{(22)}m_{011}^{(21)}m_{500}^{(21)}\\
&+2m_{020}^{(22)}m_{011}^{(21)}m_{410}^{(20)}+2m_{020}^{(22)}m_{011}^{(21)}m_{401}^{(10)}-2m_{020}^{(22)}m_{011}^{(21)}m_{311}^{(00)}-m_{020}^{(22)}m_{011}^{(22)}m_{500}^{(11)}\\
&+2m_{020}^{(22)}m_{011}^{(22)}m_{410}^{(10)}-m_{020}^{(22)}m_{011}^{(22)}m_{320}^{(00)}+m_{020}^{(22)}m_{002}^{(00)}m_{311}^{(22)}-2m_{020}^{(22)}m_{002}^{(00)}m_{221}^{(21)}\\
&+m_{020}^{(22)}m_{002}^{(00)}m_{131}^{(00)}-m_{020}^{(22)}m_{002}^{(10)}m_{401}^{(11)}+2m_{020}^{(22)}m_{002}^{(10)}m_{311}^{(10)}-m_{020}^{(22)}m_{002}^{(10)}m_{221}^{(00)}\\
&-m_{020}^{(22)}m_{002}^{(20)}m_{410}^{(11)}+2m_{020}^{(22)}m_{002}^{(20)}m_{320}^{(10)}-m_{020}^{(22)}m_{002}^{(20)}m_{230}^{(00)}+m_{020}^{(22)}m_{002}^{(21)}m_{500}^{(11)}\\
&-2m_{020}^{(22)}m_{002}^{(21)}m_{410}^{(10)}+m_{020}^{(22)}m_{002}^{(21)}m_{320}^{(00)}-2(m_{011}^{(00)})^2m_{131}^{(22)}+2(m_{011}^{(00)})^2m_{113}^{(11)}\\
&+4(m_{011}^{(00)})^2m_{032}^{(20)}-4(m_{011}^{(00)})^2m_{023}^{(10)}+6m_{011}^{(00)}m_{011}^{(10)}m_{221}^{(22)}-2m_{011}^{(00)}m_{011}^{(10)}m_{203}^{(11)}\\
&-12m_{011}^{(00)}m_{011}^{(10)}m_{122}^{(20)}+4m_{011}^{(00)}m_{011}^{(10)}m_{113}^{(10)}+4m_{011}^{(00)}m_{011}^{(10)}m_{023}^{(00)}-2m_{011}^{(00)}m_{011}^{(11)}m_{311}^{(22)}\\
&+4m_{011}^{(00)}m_{011}^{(11)}m_{212}^{(20)}-2m_{011}^{(00)}m_{011}^{(11)}m_{113}^{(00)}+2m_{011}^{(00)}m_{011}^{(20)}m_{230}^{(22)}-6m_{011}^{(00)}m_{011}^{(20)}m_{212}^{(11)}\\
&-4m_{011}^{(00)}m_{011}^{(20)}m_{131}^{(20)}+12m_{011}^{(00)}m_{011}^{(20)}m_{122}^{(10)}-4m_{011}^{(00)}m_{011}^{(20)}m_{032}^{(00)}-2m_{011}^{(00)}m_{011}^{(21)}m_{320}^{(22)}\\
&+2m_{011}^{(00)}m_{011}^{(21)}m_{302}^{(11)}+4m_{011}^{(00)}m_{011}^{(21)}m_{221}^{(20)}-4m_{011}^{(00)}m_{011}^{(21)}m_{212}^{(10)}+2m_{011}^{(00)}m_{011}^{(22)}m_{311}^{(11)}\\
&-4m_{011}^{(00)}m_{011}^{(22)}m_{221}^{(10)}+2m_{011}^{(00)}m_{011}^{(22)}m_{131}^{(00)}+m_{011}^{(00)}m_{002}^{(00)}m_{140}^{(22)}+2m_{011}^{(00)}m_{002}^{(00)}m_{131}^{(21)}\\
&-3m_{011}^{(00)}m_{002}^{(00)}m_{122}^{(11)}-4m_{011}^{(00)}m_{002}^{(00)}m_{041}^{(20)}+4m_{011}^{(00)}m_{002}^{(00)}m_{032}^{(10)}-2m_{011}^{(00)}m_{002}^{(10)}m_{230}^{(22)}
\end{aligned}
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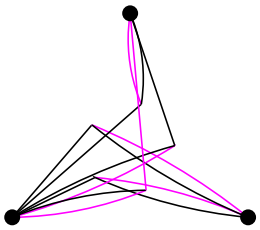
\begin{aligned}
&-4m_{011}^{(00)}m_{002}^{(10)}m_{221}^{(21)}+4m_{011}^{(00)}m_{002}^{(10)}m_{212}^{(11)}+8m_{011}^{(00)}m_{002}^{(10)}m_{131}^{(20)}-4m_{011}^{(00)}m_{002}^{(10)}m_{122}^{(10)}\\
&-2m_{011}^{(00)}m_{002}^{(10)}m_{032}^{(00)}+m_{011}^{(00)}m_{002}^{(11)}m_{320}^{(22)}+2m_{011}^{(00)}m_{002}^{(11)}m_{311}^{(21)}-m_{011}^{(00)}m_{002}^{(11)}m_{302}^{(11)}\\
&-4m_{011}^{(00)}m_{002}^{(11)}m_{221}^{(20)}+2m_{011}^{(00)}m_{002}^{(11)}m_{122}^{(00)}+2m_{011}^{(00)}m_{002}^{(20)}m_{221}^{(11)}-4m_{011}^{(00)}m_{002}^{(20)}m_{131}^{(10)}\\
&+2m_{011}^{(00)}m_{002}^{(20)}m_{041}^{(00)}-2m_{011}^{(00)}m_{002}^{(21)}m_{311}^{(11)}+4m_{011}^{(00)}m_{002}^{(21)}m_{221}^{(10)}-2m_{011}^{(00)}m_{002}^{(21)}m_{131}^{(00)}\\
&-4(m_{011}^{(10)})^2m_{311}^{(22)}+8(m_{011}^{(10)})^2m_{212}^{(20)}-4(m_{011}^{(10)})^2m_{113}^{(00)}+2m_{011}^{(10)}m_{011}^{(11)}m_{401}^{(22)}\\
&-4m_{011}^{(10)}m_{011}^{(11)}m_{302}^{(20)}+2m_{011}^{(10)}m_{011}^{(11)}m_{203}^{(00)}-4m_{011}^{(10)}m_{011}^{(20)}m_{320}^{(22)}+4m_{011}^{(10)}m_{011}^{(20)}m_{302}^{(11)}\\
&+8m_{011}^{(10)}m_{011}^{(20)}m_{221}^{(20)}-8m_{011}^{(10)}m_{011}^{(20)}m_{212}^{(10)}+4m_{011}^{(10)}m_{011}^{(21)}m_{410}^{(22)}-8m_{011}^{(10)}m_{011}^{(21)}m_{311}^{(20)}\\
&+4m_{011}^{(10)}m_{011}^{(21)}m_{212}^{(00)}-2m_{011}^{(10)}m_{011}^{(22)}m_{401}^{(11)}+4m_{011}^{(10)}m_{011}^{(22)}m_{311}^{(10)}-2m_{011}^{(10)}m_{011}^{(22)}m_{221}^{(00)}\\
&-2m_{011}^{(10)}m_{002}^{(00)}m_{230}^{(22)}-2m_{011}^{(10)}m_{002}^{(00)}m_{221}^{(21)}+2m_{011}^{(10)}m_{002}^{(00)}m_{212}^{(11)}+6m_{011}^{(10)}m_{002}^{(00)}m_{131}^{(20)}\\
&-2m_{011}^{(10)}m_{002}^{(00)}m_{122}^{(10)}-2m_{011}^{(10)}m_{002}^{(00)}m_{032}^{(00)}+4m_{011}^{(10)}m_{002}^{(10)}m_{320}^{(22)}+4m_{011}^{(10)}m_{002}^{(10)}m_{311}^{(21)}\\
&-2m_{011}^{(10)}m_{002}^{(10)}m_{302}^{(11)}-12m_{011}^{(10)}m_{002}^{(10)}m_{221}^{(20)}+6m_{011}^{(10)}m_{002}^{(10)}m_{122}^{(00)}-2m_{011}^{(10)}m_{002}^{(11)}m_{410}^{(22)}\\
&-2m_{011}^{(10)}m_{002}^{(11)}m_{401}^{(21)}+6m_{011}^{(10)}m_{002}^{(11)}m_{311}^{(20)}+2m_{011}^{(10)}m_{002}^{(11)}m_{302}^{(10)}-4m_{011}^{(10)}m_{002}^{(11)}m_{212}^{(00)}\\
&-2m_{011}^{(10)}m_{002}^{(20)}m_{311}^{(11)}+4m_{011}^{(10)}m_{002}^{(20)}m_{221}^{(10)}-2m_{011}^{(10)}m_{002}^{(20)}m_{131}^{(00)}+2m_{011}^{(10)}m_{002}^{(21)}m_{401}^{(11)}\\
&-4m_{011}^{(10)}m_{002}^{(21)}m_{311}^{(10)}+2m_{011}^{(10)}m_{002}^{(21)}m_{221}^{(00)}+2m_{011}^{(11)}m_{011}^{(20)}m_{410}^{(22)}-4m_{011}^{(11)}m_{011}^{(20)}m_{311}^{(20)}\\
&+2m_{011}^{(11)}m_{011}^{(20)}m_{212}^{(00)}-2m_{011}^{(11)}m_{011}^{(21)}m_{500}^{(22)}+4m_{011}^{(11)}m_{011}^{(21)}m_{401}^{(20)}-2m_{011}^{(11)}m_{011}^{(21)}m_{302}^{(00)}\\
&+m_{011}^{(11)}m_{002}^{(00)}m_{320}^{(22)}-2m_{011}^{(11)}m_{002}^{(00)}m_{221}^{(20)}+m_{011}^{(11)}m_{002}^{(00)}m_{122}^{(00)}-2m_{011}^{(11)}m_{002}^{(10)}m_{410}^{(22)}\\
&+4m_{011}^{(11)}m_{002}^{(10)}m_{311}^{(20)}-2m_{011}^{(11)}m_{002}^{(10)}m_{212}^{(00)}+m_{011}^{(11)}m_{002}^{(11)}m_{500}^{(22)}-2m_{011}^{(11)}m_{002}^{(11)}m_{401}^{(20)}\\
&+m_{011}^{(11)}m_{002}^{(11)}m_{302}^{(00)}+4(m_{011}^{(20)})^2m_{311}^{(11)}-8(m_{011}^{(20)})^2m_{221}^{(10)}+4(m_{011}^{(20)})^2m_{131}^{(00)}\\
&-4m_{011}^{(20)}m_{011}^{(21)}m_{401}^{(11)}+8m_{011}^{(20)}m_{011}^{(21)}m_{311}^{(10)}-4m_{011}^{(20)}m_{011}^{(21)}m_{221}^{(00)}-2m_{011}^{(20)}m_{011}^{(22)}m_{410}^{(11)}\\
&+4m_{011}^{(20)}m_{011}^{(22)}m_{320}^{(10)}-2m_{011}^{(20)}m_{011}^{(22)}m_{230}^{(00)}-2m_{011}^{(20)}m_{002}^{(00)}m_{230}^{(21)}+4m_{011}^{(20)}m_{002}^{(00)}m_{221}^{(11)}\\
&+2m_{011}^{(20)}m_{002}^{(00)}m_{140}^{(20)}-6m_{011}^{(20)}m_{002}^{(00)}m_{131}^{(10)}+2m_{011}^{(20)}m_{002}^{(00)}m_{041}^{(00)}+4m_{011}^{(20)}m_{002}^{(10)}m_{320}^{(21)}\\
&-6m_{011}^{(20)}m_{002}^{(10)}m_{311}^{(11)}-4m_{011}^{(20)}m_{002}^{(10)}m_{230}^{(20)}+8m_{011}^{(20)}m_{002}^{(10)}m_{221}^{(10)}-2m_{011}^{(20)}m_{002}^{(10)}m_{131}^{(00)}\\
&-2m_{011}^{(20)}m_{002}^{(11)}m_{410}^{(21)}+2m_{011}^{(20)}m_{002}^{(11)}m_{401}^{(11)}+2m_{011}^{(20)}m_{002}^{(11)}m_{320}^{(20)}-2m_{011}^{(20)}m_{002}^{(11)}m_{311}^{(10)}\\
&-2m_{011}^{(20)}m_{002}^{(20)}m_{320}^{(11)}+4m_{011}^{(20)}m_{002}^{(20)}m_{230}^{(10)}-2m_{011}^{(20)}m_{002}^{(20)}m_{140}^{(00)}+2m_{011}^{(20)}m_{002}^{(21)}m_{410}^{(11)}\\
&-4m_{011}^{(20)}m_{002}^{(21)}m_{320}^{(10)}+2m_{011}^{(20)}m_{002}^{(21)}m_{230}^{(00)}+2m_{011}^{(21)}m_{011}^{(22)}m_{500}^{(11)}-4m_{011}^{(21)}m_{011}^{(22)}m_{410}^{(10)}\\
&+2m_{011}^{(21)}m_{011}^{(22)}m_{320}^{(00)}+2m_{011}^{(21)}m_{002}^{(00)}m_{320}^{(21)}-2m_{011}^{(21)}m_{002}^{(00)}m_{311}^{(11)}-2m_{011}^{(21)}m_{002}^{(00)}m_{230}^{(20)}\\
&+2m_{011}^{(21)}m_{002}^{(00)}m_{221}^{(10)}-4m_{011}^{(21)}m_{002}^{(10)}m_{410}^{(21)}+2m_{011}^{(21)}m_{002}^{(10)}m_{401}^{(11)}+4m_{011}^{(21)}m_{002}^{(10)}m_{320}^{(20)}\\
&-2m_{011}^{(21)}m_{002}^{(10)}m_{221}^{(00)}+2m_{011}^{(21)}m_{002}^{(11)}m_{500}^{(21)}-2m_{011}^{(21)}m_{002}^{(11)}m_{410}^{(20)}-2m_{011}^{(21)}m_{002}^{(11)}m_{401}^{(10)}\\
&+2m_{011}^{(21)}m_{002}^{(11)}m_{311}^{(00)}+2m_{011}^{(21)}m_{002}^{(20)}m_{410}^{(11)}-4m_{011}^{(21)}m_{002}^{(20)}m_{320}^{(10)}+2m_{011}^{(21)}m_{002}^{(20)}m_{230}^{(00)}\\
&-2m_{011}^{(21)}m_{002}^{(21)}m_{500}^{(11)}+4m_{011}^{(21)}m_{002}^{(21)}m_{410}^{(10)}-2m_{011}^{(21)}m_{002}^{(21)}m_{320}^{(00)}-m_{011}^{(22)}m_{002}^{(00)}m_{320}^{(11)}\\
&+2m_{011}^{(22)}m_{002}^{(00)}m_{230}^{(10)}-m_{011}^{(22)}m_{002}^{(00)}m_{140}^{(00)}+2m_{011}^{(22)}m_{002}^{(10)}m_{410}^{(11)}-4m_{011}^{(22)}m_{002}^{(10)}m_{320}^{(10)}\\
&+2m_{011}^{(22)}m_{002}^{(10)}m_{230}^{(00)}-m_{011}^{(22)}m_{002}^{(11)}m_{500}^{(11)}+2m_{011}^{(22)}m_{002}^{(11)}m_{410}^{(10)}-m_{011}^{(22)}m_{002}^{(11)}m_{320}^{(00)}\\
&-(m_{002}^{(00)})^2m_{140}^{(21)}+(m_{002}^{(00)})^2m_{131}^{(11)}+(m_{002}^{(00)})^2m_{050}^{(20)}-(m_{002}^{(00)})^2m_{041}^{(10)}\\
&+4m_{002}^{(00)}m_{002}^{(10)}m_{230}^{(21)}-3m_{002}^{(00)}m_{002}^{(10)}m_{221}^{(11)}-4m_{002}^{(00)}m_{002}^{(10)}m_{140}^{(20)}+2m_{002}^{(00)}m_{002}^{(10)}m_{131}^{(10)}\\
&+m_{002}^{(00)}m_{002}^{(10)}m_{041}^{(00)}-2m_{002}^{(00)}m_{002}^{(11)}m_{320}^{(21)}+m_{002}^{(00)}m_{002}^{(11)}m_{311}^{(11)}+2m_{002}^{(00)}m_{002}^{(11)}m_{230}^{(20)}\\
&-m_{002}^{(00)}m_{002}^{(11)}m_{131}^{(00)}-m_{002}^{(00)}m_{002}^{(20)}m_{230}^{(11)}+2m_{002}^{(00)}m_{002}^{(20)}m_{140}^{(10)}-m_{002}^{(00)}m_{002}^{(20)}m_{050}^{(00)}\\
&+m_{002}^{(00)}m_{002}^{(21)}m_{320}^{(11)}-2m_{002}^{(00)}m_{002}^{(21)}m_{230}^{(10)}+m_{002}^{(00)}m_{002}^{(21)}m_{140}^{(00)}-4(m_{002}^{(10)})^2m_{320}^{(21)}\\
&+2(m_{002}^{(10)})^2m_{311}^{(11)}+4(m_{002}^{(10)})^2m_{230}^{(20)}-2(m_{002}^{(10)})^2m_{131}^{(00)}+4m_{002}^{(10)}m_{002}^{(11)}m_{410}^{(21)}
\end{aligned}
$$

$$
\begin{aligned}
&-m_{002}^{(10)}m_{002}^{(11)}m_{401}^{(11)} - 4m_{002}^{(10)}m_{002}^{(11)}m_{320}^{(20)} - 2m_{002}^{(10)}m_{002}^{(11)}m_{311}^{(10)} + 3m_{002}^{(10)}m_{002}^{(11)}m_{221}^{(00)}\\
&+2m_{002}^{(10)}m_{002}^{(20)}m_{320}^{(11)} - 4m_{002}^{(10)}m_{002}^{(20)}m_{230}^{(10)} + 2m_{002}^{(10)}m_{002}^{(20)}m_{140}^{(00)} - 2m_{002}^{(10)}m_{002}^{(21)}m_{410}^{(11)}\\
&+4m_{002}^{(10)}m_{002}^{(21)}m_{320}^{(10)} - 2m_{002}^{(10)}m_{002}^{(21)}m_{230}^{(00)} - (m_{002}^{(11)})^2m_{500}^{(21)} + (m_{002}^{(11)})^2m_{410}^{(20)}\\
&+(m_{002}^{(11)})^2m_{401}^{(10)} - (m_{002}^{(11)})^2m_{311}^{(00)} - m_{002}^{(11)}m_{002}^{(20)}m_{410}^{(11)} + 2m_{002}^{(11)}m_{002}^{(20)}m_{320}^{(10)}\\
&-m_{002}^{(11)}m_{002}^{(20)}m_{230}^{(00)} + m_{002}^{(11)}m_{002}^{(21)}m_{500}^{(11)} - 2m_{002}^{(11)}m_{002}^{(21)}m_{410}^{(10)} + m_{002}^{(11)}m_{002}^{(21)}m_{320}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{ccccc}
V1 & V1 & 1 & 1 & 1\\
1 & 1 & V2 & V3 & V3\\
V2 & 2 & 2 & 3 & 3
\end{array}
$$



$$
\begin{aligned}
T_{176} \;=\;& -m_{100}^{(00)}m_{210}^{(11)}m_{023}^{(22)} + 2m_{100}^{(00)}m_{210}^{(11)}m_{014}^{(21)} - m_{100}^{(00)}m_{210}^{(11)}m_{005}^{(11)} + 2m_{100}^{(00)}m_{210}^{(21)}m_{032}^{(22)}\\
&-4m_{100}^{(00)}m_{210}^{(21)}m_{023}^{(21)} + 2m_{100}^{(00)}m_{210}^{(21)}m_{014}^{(11)} - m_{100}^{(00)}m_{210}^{(22)}m_{041}^{(22)} + 2m_{100}^{(00)}m_{210}^{(22)}m_{032}^{(21)}\\
&-m_{100}^{(00)}m_{210}^{(22)}m_{023}^{(11)} + m_{100}^{(00)}m_{201}^{(11)}m_{032}^{(22)} - 2m_{100}^{(00)}m_{201}^{(11)}m_{023}^{(21)} + m_{100}^{(00)}m_{201}^{(11)}m_{014}^{(11)}\\
&-2m_{100}^{(00)}m_{201}^{(21)}m_{041}^{(22)} + 4m_{100}^{(00)}m_{201}^{(21)}m_{032}^{(21)} - 2m_{100}^{(00)}m_{201}^{(21)}m_{023}^{(11)} + m_{100}^{(00)}m_{201}^{(22)}m_{050}^{(22)}\\
&-2m_{100}^{(00)}m_{201}^{(22)}m_{041}^{(21)} + m_{100}^{(00)}m_{201}^{(22)}m_{032}^{(11)} + m_{100}^{(00)}m_{120}^{(10)}m_{023}^{(22)} - 2m_{100}^{(00)}m_{120}^{(10)}m_{014}^{(21)}\\
&+m_{100}^{(00)}m_{120}^{(10)}m_{005}^{(11)} + m_{100}^{(00)}m_{120}^{(11)}m_{113}^{(22)} - m_{100}^{(00)}m_{120}^{(11)}m_{104}^{(21)} - m_{100}^{(00)}m_{120}^{(11)}m_{014}^{(20)}\\
&+m_{100}^{(00)}m_{120}^{(11)}m_{005}^{(10)} - m_{100}^{(00)}m_{120}^{(20)}m_{032}^{(22)} + 2m_{100}^{(00)}m_{120}^{(20)}m_{023}^{(21)} - m_{100}^{(00)}m_{120}^{(20)}m_{014}^{(11)}\\
&-3m_{100}^{(00)}m_{120}^{(21)}m_{122}^{(22)} + 4m_{100}^{(00)}m_{120}^{(21)}m_{113}^{(21)} - m_{100}^{(00)}m_{120}^{(21)}m_{104}^{(11)} + 2m_{100}^{(00)}m_{120}^{(21)}m_{023}^{(20)}\\
&-2m_{100}^{(00)}m_{120}^{(21)}m_{014}^{(10)} + 2m_{100}^{(00)}m_{120}^{(22)}m_{131}^{(22)} - 3m_{100}^{(00)}m_{120}^{(22)}m_{122}^{(21)} + m_{100}^{(00)}m_{120}^{(22)}m_{113}^{(11)}\\
&-m_{100}^{(00)}m_{120}^{(22)}m_{032}^{(20)} + m_{100}^{(00)}m_{120}^{(22)}m_{023}^{(10)} - 2m_{100}^{(00)}m_{111}^{(10)}m_{032}^{(22)} + 4m_{100}^{(00)}m_{111}^{(10)}m_{023}^{(21)}\\
&-2m_{100}^{(00)}m_{111}^{(10)}m_{014}^{(11)} - 2m_{100}^{(00)}m_{111}^{(11)}m_{113}^{(21)} + 2m_{100}^{(00)}m_{111}^{(11)}m_{104}^{(11)} + 2m_{100}^{(00)}m_{111}^{(11)}m_{023}^{(20)}\\
&-2m_{100}^{(00)}m_{111}^{(11)}m_{014}^{(10)} + 2m_{100}^{(00)}m_{111}^{(20)}m_{041}^{(22)} - 4m_{100}^{(00)}m_{111}^{(20)}m_{032}^{(21)} + 2m_{100}^{(00)}m_{111}^{(20)}m_{023}^{(11)}\\
&+2m_{100}^{(00)}m_{111}^{(21)}m_{131}^{(22)} - 2m_{100}^{(00)}m_{111}^{(21)}m_{113}^{(11)} - 4m_{100}^{(00)}m_{111}^{(21)}m_{032}^{(20)} + 4m_{100}^{(00)}m_{111}^{(21)}m_{023}^{(10)}\\
&-2m_{100}^{(00)}m_{111}^{(22)}m_{140}^{(22)} + 2m_{100}^{(00)}m_{111}^{(22)}m_{131}^{(21)} + 2m_{100}^{(00)}m_{111}^{(22)}m_{041}^{(20)} - 2m_{100}^{(00)}m_{111}^{(22)}m_{032}^{(10)}\\
&+m_{100}^{(00)}m_{102}^{(10)}m_{041}^{(22)} - 2m_{100}^{(00)}m_{102}^{(10)}m_{032}^{(21)} + m_{100}^{(00)}m_{102}^{(10)}m_{023}^{(11)} - m_{100}^{(00)}m_{102}^{(11)}m_{131}^{(22)}\\
&+3m_{100}^{(00)}m_{102}^{(11)}m_{122}^{(21)} - 2m_{100}^{(00)}m_{102}^{(11)}m_{113}^{(11)} - m_{100}^{(00)}m_{102}^{(11)}m_{032}^{(20)} + m_{100}^{(00)}m_{102}^{(11)}m_{023}^{(10)}\\
&-m_{100}^{(00)}m_{102}^{(20)}m_{050}^{(22)} + 2m_{100}^{(00)}m_{102}^{(20)}m_{041}^{(21)} - m_{100}^{(00)}m_{102}^{(20)}m_{032}^{(11)} + m_{100}^{(00)}m_{102}^{(21)}m_{140}^{(22)}\\
&-4m_{100}^{(00)}m_{102}^{(21)}m_{131}^{(21)} + 3m_{100}^{(00)}m_{102}^{(21)}m_{122}^{(11)} + 2m_{100}^{(00)}m_{102}^{(21)}m_{041}^{(20)} - 2m_{100}^{(00)}m_{102}^{(21)}m_{032}^{(10)}
\end{aligned}
$$

$$
\begin{aligned}
&+m_{100}^{(00)}m_{102}^{(22)}m_{140}^{(21)} - m_{100}^{(00)}m_{102}^{(22)}m_{131}^{(11)} - m_{100}^{(00)}m_{102}^{(22)}m_{050}^{(20)} + m_{100}^{(00)}m_{102}^{(22)}m_{041}^{(10)}\\
&-m_{100}^{(00)}m_{030}^{(10)}m_{113}^{(22)} + m_{100}^{(00)}m_{030}^{(10)}m_{104}^{(21)} + m_{100}^{(00)}m_{030}^{(10)}m_{014}^{(20)} - m_{100}^{(00)}m_{030}^{(10)}m_{005}^{(10)}\\
&+m_{100}^{(00)}m_{030}^{(20)}m_{122}^{(22)} - m_{100}^{(00)}m_{030}^{(20)}m_{113}^{(21)} - m_{100}^{(00)}m_{030}^{(20)}m_{023}^{(20)} + m_{100}^{(00)}m_{030}^{(20)}m_{014}^{(10)}\\
&+m_{100}^{(00)}m_{030}^{(21)}m_{212}^{(22)} - m_{100}^{(00)}m_{030}^{(21)}m_{203}^{(21)} - m_{100}^{(00)}m_{030}^{(21)}m_{113}^{(20)} + m_{100}^{(00)}m_{030}^{(21)}m_{104}^{(10)}\\
&-m_{100}^{(00)}m_{030}^{(22)}m_{221}^{(22)} + m_{100}^{(00)}m_{030}^{(22)}m_{212}^{(21)} + m_{100}^{(00)}m_{030}^{(22)}m_{122}^{(20)} - m_{100}^{(00)}m_{030}^{(22)}m_{113}^{(10)}\\
&+2m_{100}^{(00)}m_{021}^{(10)}m_{122}^{(22)} - m_{100}^{(00)}m_{021}^{(10)}m_{113}^{(21)} - m_{100}^{(00)}m_{021}^{(10)}m_{104}^{(11)} - 3m_{100}^{(00)}m_{021}^{(10)}m_{023}^{(20)}\\
&+3m_{100}^{(00)}m_{021}^{(10)}m_{014}^{(10)} - m_{100}^{(00)}m_{021}^{(11)}m_{212}^{(22)} + m_{100}^{(00)}m_{021}^{(11)}m_{203}^{(21)} + m_{100}^{(00)}m_{021}^{(11)}m_{113}^{(20)}\\
&-m_{100}^{(00)}m_{021}^{(11)}m_{104}^{(10)} - 2m_{100}^{(00)}m_{021}^{(20)}m_{131}^{(22)} + m_{100}^{(00)}m_{021}^{(20)}m_{122}^{(21)} + m_{100}^{(00)}m_{021}^{(20)}m_{113}^{(11)}\\
&+3m_{100}^{(00)}m_{021}^{(20)}m_{032}^{(20)} - 3m_{100}^{(00)}m_{021}^{(20)}m_{023}^{(10)} - m_{100}^{(00)}m_{021}^{(21)}m_{212}^{(21)} + m_{100}^{(00)}m_{021}^{(21)}m_{203}^{(11)}\\
&+m_{100}^{(00)}m_{021}^{(21)}m_{122}^{(20)} - m_{100}^{(00)}m_{021}^{(21)}m_{113}^{(10)} + m_{100}^{(00)}m_{021}^{(22)}m_{230}^{(22)} - m_{100}^{(00)}m_{021}^{(22)}m_{212}^{(11)}\\
&-2m_{100}^{(00)}m_{021}^{(22)}m_{131}^{(20)} + 2m_{100}^{(00)}m_{021}^{(22)}m_{122}^{(10)} - m_{100}^{(00)}m_{012}^{(10)}m_{131}^{(22)} - m_{100}^{(00)}m_{012}^{(10)}m_{122}^{(21)}\\
&+2m_{100}^{(00)}m_{012}^{(10)}m_{113}^{(11)} + 3m_{100}^{(00)}m_{012}^{(10)}m_{032}^{(20)} - 3m_{100}^{(00)}m_{012}^{(10)}m_{023}^{(10)} + m_{100}^{(00)}m_{012}^{(11)}m_{221}^{(22)}\\
&-m_{100}^{(00)}m_{012}^{(11)}m_{203}^{(11)} - 2m_{100}^{(00)}m_{012}^{(11)}m_{122}^{(20)} + 2m_{100}^{(00)}m_{012}^{(11)}m_{113}^{(10)} + m_{100}^{(00)}m_{012}^{(20)}m_{140}^{(22)}\\
&+m_{100}^{(00)}m_{012}^{(20)}m_{131}^{(21)} - 2m_{100}^{(00)}m_{012}^{(20)}m_{122}^{(11)} - 3m_{100}^{(00)}m_{012}^{(20)}m_{041}^{(20)} + 3m_{100}^{(00)}m_{012}^{(20)}m_{032}^{(10)}\\
&-m_{100}^{(00)}m_{012}^{(21)}m_{230}^{(22)} + m_{100}^{(00)}m_{012}^{(21)}m_{221}^{(21)} + m_{100}^{(00)}m_{012}^{(21)}m_{131}^{(20)} - m_{100}^{(00)}m_{012}^{(21)}m_{122}^{(10)}\\
&-m_{100}^{(00)}m_{012}^{(22)}m_{230}^{(21)} + m_{100}^{(00)}m_{012}^{(22)}m_{221}^{(11)} + m_{100}^{(00)}m_{012}^{(22)}m_{140}^{(20)} - m_{100}^{(00)}m_{012}^{(22)}m_{131}^{(10)}\\
&+m_{100}^{(00)}m_{003}^{(10)}m_{131}^{(21)} - m_{100}^{(00)}m_{003}^{(10)}m_{122}^{(11)} - m_{100}^{(00)}m_{003}^{(10)}m_{041}^{(20)} + m_{100}^{(00)}m_{003}^{(10)}m_{032}^{(10)}\\
&-m_{100}^{(00)}m_{003}^{(11)}m_{221}^{(21)} + m_{100}^{(00)}m_{003}^{(11)}m_{212}^{(11)} + m_{100}^{(00)}m_{003}^{(11)}m_{131}^{(20)} - m_{100}^{(00)}m_{003}^{(11)}m_{122}^{(10)}\\
&-m_{100}^{(00)}m_{003}^{(20)}m_{140}^{(21)} + m_{100}^{(00)}m_{003}^{(20)}m_{131}^{(11)} + m_{100}^{(00)}m_{003}^{(20)}m_{050}^{(20)} - m_{100}^{(00)}m_{003}^{(20)}m_{041}^{(10)}\\
&+m_{100}^{(00)}m_{003}^{(21)}m_{230}^{(21)} - m_{100}^{(00)}m_{003}^{(21)}m_{221}^{(11)} - m_{100}^{(00)}m_{003}^{(21)}m_{140}^{(20)} + m_{100}^{(00)}m_{003}^{(21)}m_{131}^{(10)}\\
&+m_{100}^{(10)}m_{300}^{(11)}m_{023}^{(22)} - 2m_{100}^{(10)}m_{300}^{(11)}m_{014}^{(21)} + m_{100}^{(10)}m_{300}^{(11)}m_{005}^{(11)} - 2m_{100}^{(10)}m_{300}^{(21)}m_{032}^{(22)}\\
&+4m_{100}^{(10)}m_{300}^{(21)}m_{023}^{(21)} - 2m_{100}^{(10)}m_{300}^{(21)}m_{014}^{(11)} + m_{100}^{(10)}m_{300}^{(22)}m_{041}^{(22)} - 2m_{100}^{(10)}m_{300}^{(22)}m_{032}^{(21)}\\
&+m_{100}^{(10)}m_{300}^{(22)}m_{023}^{(11)} - m_{100}^{(10)}m_{210}^{(10)}m_{023}^{(22)} + 2m_{100}^{(10)}m_{210}^{(10)}m_{014}^{(21)} - m_{100}^{(10)}m_{210}^{(10)}m_{005}^{(11)}\\
&+m_{100}^{(10)}m_{210}^{(20)}m_{032}^{(22)} - 2m_{100}^{(10)}m_{210}^{(20)}m_{023}^{(21)} + m_{100}^{(10)}m_{210}^{(20)}m_{014}^{(11)} + m_{100}^{(10)}m_{210}^{(21)}m_{122}^{(22)}\\
&-2m_{100}^{(10)}m_{210}^{(21)}m_{113}^{(21)} + m_{100}^{(10)}m_{210}^{(21)}m_{104}^{(11)} - m_{100}^{(10)}m_{210}^{(22)}m_{131}^{(22)} + 2m_{100}^{(10)}m_{210}^{(22)}m_{122}^{(21)}\\
&-m_{100}^{(10)}m_{210}^{(22)}m_{113}^{(11)} + m_{100}^{(10)}m_{201}^{(10)}m_{032}^{(22)} - 2m_{100}^{(10)}m_{201}^{(10)}m_{023}^{(21)} + m_{100}^{(10)}m_{201}^{(10)}m_{014}^{(11)}\\
&-3m_{100}^{(10)}m_{201}^{(11)}m_{122}^{(22)} + 6m_{100}^{(10)}m_{201}^{(11)}m_{113}^{(21)} - 3m_{100}^{(10)}m_{201}^{(11)}m_{104}^{(11)} - m_{100}^{(10)}m_{201}^{(20)}m_{041}^{(22)}\\
&+2m_{100}^{(10)}m_{201}^{(20)}m_{032}^{(21)} - m_{100}^{(10)}m_{201}^{(20)}m_{023}^{(11)} + 5m_{100}^{(10)}m_{201}^{(21)}m_{131}^{(22)} - 10m_{100}^{(10)}m_{201}^{(21)}m_{122}^{(21)}\\
&+5m_{100}^{(10)}m_{201}^{(21)}m_{113}^{(11)} - 2m_{100}^{(10)}m_{201}^{(22)}m_{140}^{(22)} + 4m_{100}^{(10)}m_{201}^{(22)}m_{131}^{(21)} - 2m_{100}^{(10)}m_{201}^{(22)}m_{122}^{(11)}\\
&-m_{100}^{(10)}m_{120}^{(11)}m_{203}^{(22)} + 2m_{100}^{(10)}m_{120}^{(11)}m_{104}^{(20)} - m_{100}^{(10)}m_{120}^{(11)}m_{005}^{(00)} + 2m_{100}^{(10)}m_{120}^{(21)}m_{212}^{(22)}\\
&-4m_{100}^{(10)}m_{120}^{(21)}m_{113}^{(20)} + 2m_{100}^{(10)}m_{120}^{(21)}m_{014}^{(00)} - m_{100}^{(10)}m_{120}^{(22)}m_{221}^{(22)} + 2m_{100}^{(10)}m_{120}^{(22)}m_{122}^{(20)}\\
&-m_{100}^{(10)}m_{120}^{(22)}m_{023}^{(00)} + 2m_{100}^{(10)}m_{111}^{(10)}m_{122}^{(22)} - 4m_{100}^{(10)}m_{111}^{(10)}m_{113}^{(21)} + 2m_{100}^{(10)}m_{111}^{(10)}m_{104}^{(11)}\\
&+2m_{100}^{(10)}m_{111}^{(11)}m_{212}^{(22)} - 4m_{100}^{(10)}m_{111}^{(11)}m_{113}^{(20)} + 2m_{100}^{(10)}m_{111}^{(11)}m_{014}^{(00)} - 2m_{100}^{(10)}m_{111}^{(20)}m_{131}^{(22)}\\
&+4m_{100}^{(10)}m_{111}^{(20)}m_{122}^{(21)} - 2m_{100}^{(10)}m_{111}^{(20)}m_{113}^{(11)} - 6m_{100}^{(10)}m_{111}^{(21)}m_{221}^{(22)} + 4m_{100}^{(10)}m_{111}^{(21)}m_{212}^{(21)}\\
&-2m_{100}^{(10)}m_{111}^{(21)}m_{203}^{(11)} + 8m_{100}^{(10)}m_{111}^{(21)}m_{122}^{(20)} - 4m_{100}^{(10)}m_{111}^{(21)}m_{023}^{(00)} + 4m_{100}^{(10)}m_{111}^{(22)}m_{230}^{(22)}\\
&-4m_{100}^{(10)}m_{111}^{(22)}m_{221}^{(21)} + 2m_{100}^{(10)}m_{111}^{(22)}m_{212}^{(11)} - 4m_{100}^{(10)}m_{111}^{(22)}m_{131}^{(20)} + 2m_{100}^{(10)}m_{111}^{(22)}m_{032}^{(00)}\\
&-2m_{100}^{(10)}m_{102}^{(10)}m_{131}^{(22)} + 4m_{100}^{(10)}m_{102}^{(10)}m_{122}^{(21)} - 2m_{100}^{(10)}m_{102}^{(10)}m_{113}^{(11)} + 2m_{100}^{(10)}m_{102}^{(11)}m_{221}^{(22)}\\
&-6m_{100}^{(10)}m_{102}^{(11)}m_{212}^{(21)} + 3m_{100}^{(10)}m_{102}^{(11)}m_{203}^{(11)} + 2m_{100}^{(10)}m_{102}^{(11)}m_{122}^{(20)} - m_{100}^{(10)}m_{102}^{(11)}m_{023}^{(00)}
\end{aligned}
$$

$$
\begin{aligned}
&+2m_{100}^{(10)}m_{102}^{(20)}m_{140}^{(22)} - 4m_{100}^{(10)}m_{102}^{(20)}m_{131}^{(21)} + 2m_{100}^{(10)}m_{102}^{(20)}m_{122}^{(11)} - 2m_{100}^{(10)}m_{102}^{(21)}m_{230}^{(22)}\\
&+8m_{100}^{(10)}m_{102}^{(21)}m_{221}^{(21)} - 4m_{100}^{(10)}m_{102}^{(21)}m_{212}^{(11)} - 4m_{100}^{(10)}m_{102}^{(21)}m_{131}^{(20)} + 2m_{100}^{(10)}m_{102}^{(21)}m_{032}^{(00)}\\
&-2m_{100}^{(10)}m_{102}^{(22)}m_{230}^{(21)} + m_{100}^{(10)}m_{102}^{(22)}m_{221}^{(11)} + 2m_{100}^{(10)}m_{102}^{(22)}m_{140}^{(20)} - m_{100}^{(10)}m_{102}^{(22)}m_{041}^{(00)}\\
&+m_{100}^{(10)}m_{030}^{(10)}m_{203}^{(22)} - 2m_{100}^{(10)}m_{030}^{(10)}m_{104}^{(20)} + m_{100}^{(10)}m_{030}^{(10)}m_{005}^{(00)} - m_{100}^{(10)}m_{030}^{(20)}m_{212}^{(22)}\\
&+2m_{100}^{(10)}m_{030}^{(20)}m_{113}^{(20)} - m_{100}^{(10)}m_{030}^{(20)}m_{014}^{(00)} - m_{100}^{(10)}m_{030}^{(21)}m_{302}^{(22)} + 2m_{100}^{(10)}m_{030}^{(21)}m_{203}^{(20)}\\
&-m_{100}^{(10)}m_{030}^{(21)}m_{104}^{(00)} + m_{100}^{(10)}m_{030}^{(22)}m_{311}^{(22)} - 2m_{100}^{(10)}m_{030}^{(22)}m_{212}^{(20)} + m_{100}^{(10)}m_{030}^{(22)}m_{113}^{(00)}\\
&-3m_{100}^{(10)}m_{021}^{(10)}m_{212}^{(22)} + 6m_{100}^{(10)}m_{021}^{(10)}m_{113}^{(20)} - 3m_{100}^{(10)}m_{021}^{(10)}m_{014}^{(00)} + m_{100}^{(10)}m_{021}^{(11)}m_{302}^{(22)}\\
&-2m_{100}^{(10)}m_{021}^{(11)}m_{203}^{(20)} + m_{100}^{(10)}m_{021}^{(11)}m_{104}^{(00)} + 3m_{100}^{(10)}m_{021}^{(20)}m_{221}^{(22)} - 6m_{100}^{(10)}m_{021}^{(20)}m_{122}^{(20)}\\
&+3m_{100}^{(10)}m_{021}^{(20)}m_{023}^{(00)} + m_{100}^{(10)}m_{021}^{(21)}m_{311}^{(22)} - 2m_{100}^{(10)}m_{021}^{(21)}m_{212}^{(20)} + m_{100}^{(10)}m_{021}^{(21)}m_{113}^{(00)}\\
&-2m_{100}^{(10)}m_{021}^{(22)}m_{320}^{(22)} + 4m_{100}^{(10)}m_{021}^{(22)}m_{221}^{(20)} - 2m_{100}^{(10)}m_{021}^{(22)}m_{122}^{(00)} + 2m_{100}^{(10)}m_{012}^{(10)}m_{221}^{(22)}\\
&+2m_{100}^{(10)}m_{012}^{(10)}m_{212}^{(21)} - m_{100}^{(10)}m_{012}^{(10)}m_{203}^{(11)} - 6m_{100}^{(10)}m_{012}^{(10)}m_{122}^{(20)} + 3m_{100}^{(10)}m_{012}^{(10)}m_{023}^{(00)}\\
&-2m_{100}^{(10)}m_{012}^{(11)}m_{311}^{(22)} + 4m_{100}^{(10)}m_{012}^{(11)}m_{212}^{(20)} - 2m_{100}^{(10)}m_{012}^{(11)}m_{113}^{(00)} - 2m_{100}^{(10)}m_{012}^{(20)}m_{230}^{(22)}\\
&-2m_{100}^{(10)}m_{012}^{(20)}m_{221}^{(21)} + m_{100}^{(10)}m_{012}^{(20)}m_{212}^{(11)} + 6m_{100}^{(10)}m_{012}^{(20)}m_{131}^{(20)} - 3m_{100}^{(10)}m_{012}^{(20)}m_{032}^{(00)}\\
&+2m_{100}^{(10)}m_{012}^{(21)}m_{320}^{(22)} - 2m_{100}^{(10)}m_{012}^{(21)}m_{311}^{(21)} + m_{100}^{(10)}m_{012}^{(21)}m_{302}^{(11)} - 2m_{100}^{(10)}m_{012}^{(21)}m_{221}^{(20)}\\
&+m_{100}^{(10)}m_{012}^{(21)}m_{122}^{(00)} + 2m_{100}^{(10)}m_{012}^{(22)}m_{320}^{(21)} - m_{100}^{(10)}m_{012}^{(22)}m_{311}^{(11)} - 2m_{100}^{(10)}m_{012}^{(22)}m_{230}^{(20)}\\
&+m_{100}^{(10)}m_{012}^{(22)}m_{131}^{(00)} - 2m_{100}^{(10)}m_{003}^{(10)}m_{221}^{(21)} + m_{100}^{(10)}m_{003}^{(10)}m_{212}^{(11)} + 2m_{100}^{(10)}m_{003}^{(10)}m_{131}^{(20)}\\
&-m_{100}^{(10)}m_{003}^{(10)}m_{032}^{(00)} + 2m_{100}^{(10)}m_{003}^{(11)}m_{311}^{(21)} - m_{100}^{(10)}m_{003}^{(11)}m_{302}^{(11)} - 2m_{100}^{(10)}m_{003}^{(11)}m_{221}^{(20)}\\
&+m_{100}^{(10)}m_{003}^{(11)}m_{122}^{(00)} + 2m_{100}^{(10)}m_{003}^{(20)}m_{230}^{(21)} - m_{100}^{(10)}m_{003}^{(20)}m_{221}^{(11)} - 2m_{100}^{(10)}m_{003}^{(20)}m_{140}^{(20)}\\
&+m_{100}^{(10)}m_{003}^{(20)}m_{041}^{(00)} - 2m_{100}^{(10)}m_{003}^{(21)}m_{320}^{(21)} + m_{100}^{(10)}m_{003}^{(21)}m_{311}^{(11)} + 2m_{100}^{(10)}m_{003}^{(21)}m_{230}^{(20)}\\
&-m_{100}^{(10)}m_{003}^{(21)}m_{131}^{(00)} - m_{100}^{(11)}m_{300}^{(11)}m_{113}^{(22)} + m_{100}^{(11)}m_{300}^{(11)}m_{104}^{(21)} + m_{100}^{(11)}m_{300}^{(11)}m_{014}^{(20)}\\
&-m_{100}^{(11)}m_{300}^{(11)}m_{005}^{(10)} + 2m_{100}^{(11)}m_{300}^{(21)}m_{122}^{(22)} - 2m_{100}^{(11)}m_{300}^{(21)}m_{113}^{(21)} - 2m_{100}^{(11)}m_{300}^{(21)}m_{023}^{(20)}\\
&+2m_{100}^{(11)}m_{300}^{(21)}m_{014}^{(10)} - m_{100}^{(11)}m_{300}^{(22)}m_{131}^{(22)} + m_{100}^{(11)}m_{300}^{(22)}m_{122}^{(21)} + m_{100}^{(11)}m_{300}^{(22)}m_{032}^{(20)}\\
&-m_{100}^{(11)}m_{300}^{(22)}m_{023}^{(10)} + m_{100}^{(11)}m_{210}^{(10)}m_{113}^{(22)} - m_{100}^{(11)}m_{210}^{(10)}m_{104}^{(21)} - m_{100}^{(11)}m_{210}^{(10)}m_{014}^{(20)}\\
&+m_{100}^{(11)}m_{210}^{(10)}m_{005}^{(10)} + m_{100}^{(11)}m_{210}^{(11)}m_{203}^{(22)} - 2m_{100}^{(11)}m_{210}^{(11)}m_{104}^{(20)} + m_{100}^{(11)}m_{210}^{(11)}m_{005}^{(00)}\\
&-m_{100}^{(11)}m_{210}^{(20)}m_{122}^{(22)} + m_{100}^{(11)}m_{210}^{(20)}m_{113}^{(21)} + m_{100}^{(11)}m_{210}^{(20)}m_{023}^{(20)} - m_{100}^{(11)}m_{210}^{(20)}m_{014}^{(10)}\\
&-3m_{100}^{(11)}m_{210}^{(21)}m_{212}^{(22)} + m_{100}^{(11)}m_{210}^{(21)}m_{203}^{(21)} + 5m_{100}^{(11)}m_{210}^{(21)}m_{113}^{(20)} - m_{100}^{(11)}m_{210}^{(21)}m_{104}^{(10)}\\
&-2m_{100}^{(11)}m_{210}^{(21)}m_{014}^{(00)} + 2m_{100}^{(11)}m_{210}^{(22)}m_{221}^{(22)} - m_{100}^{(11)}m_{210}^{(22)}m_{212}^{(21)} - 3m_{100}^{(11)}m_{210}^{(22)}m_{122}^{(20)}\\
&+m_{100}^{(11)}m_{210}^{(22)}m_{113}^{(10)} + m_{100}^{(11)}m_{210}^{(22)}m_{023}^{(00)} - m_{100}^{(11)}m_{201}^{(10)}m_{122}^{(22)} + m_{100}^{(11)}m_{201}^{(10)}m_{113}^{(21)}\\
&+m_{100}^{(11)}m_{201}^{(10)}m_{023}^{(20)} - m_{100}^{(11)}m_{201}^{(10)}m_{014}^{(10)} + 2m_{100}^{(11)}m_{201}^{(11)}m_{212}^{(22)} - 3m_{100}^{(11)}m_{201}^{(11)}m_{203}^{(21)}\\
&-m_{100}^{(11)}m_{201}^{(11)}m_{113}^{(20)} + 3m_{100}^{(11)}m_{201}^{(11)}m_{104}^{(10)} - m_{100}^{(11)}m_{201}^{(11)}m_{014}^{(00)} + m_{100}^{(11)}m_{201}^{(20)}m_{131}^{(22)}\\
&-m_{100}^{(11)}m_{201}^{(20)}m_{122}^{(21)} - m_{100}^{(11)}m_{201}^{(20)}m_{032}^{(20)} + m_{100}^{(11)}m_{201}^{(20)}m_{023}^{(10)} - 3m_{100}^{(11)}m_{201}^{(21)}m_{221}^{(22)}\\
&+5m_{100}^{(11)}m_{201}^{(21)}m_{212}^{(21)} + m_{100}^{(11)}m_{201}^{(21)}m_{122}^{(20)} - 5m_{100}^{(11)}m_{201}^{(21)}m_{113}^{(10)} + 2m_{100}^{(11)}m_{201}^{(21)}m_{023}^{(00)}\\
&+m_{100}^{(11)}m_{201}^{(22)}m_{230}^{(22)} - 2m_{100}^{(11)}m_{201}^{(22)}m_{221}^{(21)} + 2m_{100}^{(11)}m_{201}^{(22)}m_{122}^{(10)} - m_{100}^{(11)}m_{201}^{(22)}m_{032}^{(00)}\\
&-m_{100}^{(11)}m_{120}^{(10)}m_{203}^{(22)} + 2m_{100}^{(11)}m_{120}^{(10)}m_{104}^{(20)} - m_{100}^{(11)}m_{120}^{(10)}m_{005}^{(00)} + m_{100}^{(11)}m_{120}^{(20)}m_{212}^{(22)}\\
&-2m_{100}^{(11)}m_{120}^{(20)}m_{113}^{(20)} + m_{100}^{(11)}m_{120}^{(20)}m_{014}^{(00)} + m_{100}^{(11)}m_{120}^{(21)}m_{302}^{(22)} - 2m_{100}^{(11)}m_{120}^{(21)}m_{203}^{(20)}\\
&+m_{100}^{(11)}m_{120}^{(21)}m_{104}^{(00)} - m_{100}^{(11)}m_{120}^{(22)}m_{311}^{(22)} + 2m_{100}^{(11)}m_{120}^{(22)}m_{212}^{(20)} - m_{100}^{(11)}m_{120}^{(22)}m_{113}^{(00)}\\
&+2m_{100}^{(11)}m_{111}^{(10)}m_{203}^{(21)} - 2m_{100}^{(11)}m_{111}^{(10)}m_{113}^{(20)} - 2m_{100}^{(11)}m_{111}^{(10)}m_{104}^{(10)} + 2m_{100}^{(11)}m_{111}^{(10)}m_{014}^{(00)}\\
&-2m_{100}^{(11)}m_{111}^{(11)}m_{302}^{(22)} + 4m_{100}^{(11)}m_{111}^{(11)}m_{203}^{(20)} - 2m_{100}^{(11)}m_{111}^{(11)}m_{104}^{(00)} - 2m_{100}^{(11)}m_{111}^{(20)}m_{212}^{(21)}
\end{aligned}
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\begin{aligned}
&+2m_{100}^{(11)}m_{111}^{(20)}m_{122}^{(20)}+2m_{100}^{(11)}m_{111}^{(20)}m_{113}^{(10)}-2m_{100}^{(11)}m_{111}^{(20)}m_{023}^{(00)}+4m_{100}^{(11)}m_{111}^{(21)}m_{311}^{(22)}\\
&-2m_{100}^{(11)}m_{111}^{(21)}m_{302}^{(21)}-6m_{100}^{(11)}m_{111}^{(21)}m_{212}^{(20)}+2m_{100}^{(11)}m_{111}^{(21)}m_{203}^{(10)}+2m_{100}^{(11)}m_{111}^{(21)}m_{113}^{(00)}\\
&-2m_{100}^{(11)}m_{111}^{(22)}m_{320}^{(22)}+2m_{100}^{(11)}m_{111}^{(22)}m_{311}^{(21)}+2m_{100}^{(11)}m_{111}^{(22)}m_{221}^{(20)}-2m_{100}^{(11)}m_{111}^{(22)}m_{212}^{(10)}\\
&+m_{100}^{(11)}m_{102}^{(10)}m_{221}^{(22)}-2m_{100}^{(11)}m_{102}^{(10)}m_{212}^{(21)}+2m_{100}^{(11)}m_{102}^{(10)}m_{113}^{(10)}-m_{100}^{(11)}m_{102}^{(10)}m_{023}^{(00)}\\
&-m_{100}^{(11)}m_{102}^{(11)}m_{311}^{(22)}+3m_{100}^{(11)}m_{102}^{(11)}m_{302}^{(21)}-m_{100}^{(11)}m_{102}^{(11)}m_{212}^{(20)}-3m_{100}^{(11)}m_{102}^{(11)}m_{203}^{(10)}\\
&+2m_{100}^{(11)}m_{102}^{(11)}m_{113}^{(00)}-m_{100}^{(11)}m_{102}^{(20)}m_{230}^{(22)}+2m_{100}^{(11)}m_{102}^{(20)}m_{221}^{(21)}-2m_{100}^{(11)}m_{102}^{(20)}m_{122}^{(10)}\\
&+m_{100}^{(11)}m_{102}^{(20)}m_{032}^{(00)}+m_{100}^{(11)}m_{102}^{(21)}m_{320}^{(22)}-4m_{100}^{(11)}m_{102}^{(21)}m_{311}^{(21)}+2m_{100}^{(11)}m_{102}^{(21)}m_{221}^{(20)}\\
&+4m_{100}^{(11)}m_{102}^{(21)}m_{212}^{(10)}-3m_{100}^{(11)}m_{102}^{(21)}m_{122}^{(00)}+m_{100}^{(11)}m_{102}^{(22)}m_{320}^{(21)}-m_{100}^{(11)}m_{102}^{(22)}m_{230}^{(20)}\\
&-m_{100}^{(11)}m_{102}^{(22)}m_{221}^{(10)}+m_{100}^{(11)}m_{102}^{(22)}m_{131}^{(00)}+m_{100}^{(11)}m_{021}^{(10)}m_{302}^{(22)}-2m_{100}^{(11)}m_{021}^{(10)}m_{203}^{(20)}\\
&+m_{100}^{(11)}m_{021}^{(10)}m_{104}^{(00)}-m_{100}^{(11)}m_{021}^{(20)}m_{311}^{(22)}+2m_{100}^{(11)}m_{021}^{(20)}m_{212}^{(20)}-m_{100}^{(11)}m_{021}^{(20)}m_{113}^{(00)}\\
&-m_{100}^{(11)}m_{021}^{(21)}m_{401}^{(22)}+2m_{100}^{(11)}m_{021}^{(21)}m_{302}^{(20)}-m_{100}^{(11)}m_{021}^{(21)}m_{203}^{(00)}+m_{100}^{(11)}m_{021}^{(22)}m_{410}^{(22)}\\
&-2m_{100}^{(11)}m_{021}^{(22)}m_{311}^{(20)}+m_{100}^{(11)}m_{021}^{(22)}m_{212}^{(00)}-m_{100}^{(11)}m_{012}^{(10)}m_{311}^{(22)}-m_{100}^{(11)}m_{012}^{(10)}m_{302}^{(21)}\\
&+3m_{100}^{(11)}m_{012}^{(10)}m_{212}^{(20)}+m_{100}^{(11)}m_{012}^{(10)}m_{203}^{(10)}-2m_{100}^{(11)}m_{012}^{(10)}m_{113}^{(00)}+m_{100}^{(11)}m_{012}^{(11)}m_{401}^{(22)}\\
&-2m_{100}^{(11)}m_{012}^{(11)}m_{302}^{(20)}+m_{100}^{(11)}m_{012}^{(11)}m_{203}^{(00)}+m_{100}^{(11)}m_{012}^{(20)}m_{320}^{(22)}+m_{100}^{(11)}m_{012}^{(20)}m_{311}^{(21)}\\
&-3m_{100}^{(11)}m_{012}^{(20)}m_{221}^{(20)}-m_{100}^{(11)}m_{012}^{(20)}m_{212}^{(10)}+2m_{100}^{(11)}m_{012}^{(20)}m_{122}^{(00)}-m_{100}^{(11)}m_{012}^{(21)}m_{410}^{(22)}\\
&+m_{100}^{(11)}m_{012}^{(21)}m_{401}^{(21)}+m_{100}^{(11)}m_{012}^{(21)}m_{311}^{(20)}-m_{100}^{(11)}m_{012}^{(21)}m_{302}^{(10)}-m_{100}^{(11)}m_{012}^{(22)}m_{410}^{(21)}\\
&+m_{100}^{(11)}m_{012}^{(22)}m_{320}^{(20)}+m_{100}^{(11)}m_{012}^{(22)}m_{311}^{(10)}-m_{100}^{(11)}m_{012}^{(22)}m_{221}^{(00)}+m_{100}^{(11)}m_{003}^{(10)}m_{311}^{(21)}\\
&-m_{100}^{(11)}m_{003}^{(10)}m_{221}^{(20)}-m_{100}^{(11)}m_{003}^{(10)}m_{212}^{(10)}+m_{100}^{(11)}m_{003}^{(10)}m_{122}^{(00)}-m_{100}^{(11)}m_{003}^{(11)}m_{401}^{(21)}\\
&+m_{100}^{(11)}m_{003}^{(11)}m_{311}^{(20)}+m_{100}^{(11)}m_{003}^{(11)}m_{302}^{(10)}-m_{100}^{(11)}m_{003}^{(11)}m_{212}^{(00)}-m_{100}^{(11)}m_{003}^{(20)}m_{320}^{(21)}\\
&+m_{100}^{(11)}m_{003}^{(20)}m_{230}^{(20)}+m_{100}^{(11)}m_{003}^{(20)}m_{221}^{(10)}-m_{100}^{(11)}m_{003}^{(20)}m_{131}^{(00)}+m_{100}^{(11)}m_{003}^{(21)}m_{410}^{(21)}\\
&-m_{100}^{(11)}m_{003}^{(21)}m_{320}^{(20)}-m_{100}^{(11)}m_{003}^{(21)}m_{311}^{(10)}+m_{100}^{(11)}m_{003}^{(21)}m_{221}^{(00)}-m_{100}^{(20)}m_{300}^{(11)}m_{032}^{(22)}\\
&+2m_{100}^{(20)}m_{300}^{(11)}m_{023}^{(21)}-m_{100}^{(20)}m_{300}^{(11)}m_{014}^{(11)}+2m_{100}^{(20)}m_{300}^{(21)}m_{041}^{(22)}-4m_{100}^{(20)}m_{300}^{(21)}m_{032}^{(21)}\\
&+2m_{100}^{(20)}m_{300}^{(21)}m_{023}^{(11)}-m_{100}^{(20)}m_{300}^{(22)}m_{050}^{(22)}+2m_{100}^{(20)}m_{300}^{(22)}m_{041}^{(21)}-m_{100}^{(20)}m_{300}^{(22)}m_{032}^{(11)}\\
&+m_{100}^{(20)}m_{210}^{(10)}m_{032}^{(22)}-2m_{100}^{(20)}m_{210}^{(10)}m_{023}^{(21)}+m_{100}^{(20)}m_{210}^{(10)}m_{014}^{(11)}+2m_{100}^{(20)}m_{210}^{(11)}m_{122}^{(22)}\\
&-4m_{100}^{(20)}m_{210}^{(11)}m_{113}^{(21)}+2m_{100}^{(20)}m_{210}^{(11)}m_{104}^{(11)}-m_{100}^{(20)}m_{210}^{(20)}m_{041}^{(22)}+2m_{100}^{(20)}m_{210}^{(20)}m_{032}^{(21)}\\
&-m_{100}^{(20)}m_{210}^{(20)}m_{023}^{(11)}-5m_{100}^{(20)}m_{210}^{(21)}m_{131}^{(22)}+10m_{100}^{(20)}m_{210}^{(21)}m_{122}^{(21)}-5m_{100}^{(20)}m_{210}^{(21)}m_{113}^{(11)}\\
&+3m_{100}^{(20)}m_{210}^{(22)}m_{140}^{(22)}-6m_{100}^{(20)}m_{210}^{(22)}m_{131}^{(21)}+3m_{100}^{(20)}m_{210}^{(22)}m_{122}^{(11)}-m_{100}^{(20)}m_{201}^{(10)}m_{041}^{(22)}\\
&+2m_{100}^{(20)}m_{201}^{(10)}m_{032}^{(21)}-m_{100}^{(20)}m_{201}^{(10)}m_{023}^{(11)}+m_{100}^{(20)}m_{201}^{(11)}m_{131}^{(22)}-2m_{100}^{(20)}m_{201}^{(11)}m_{122}^{(21)}\\
&+m_{100}^{(20)}m_{201}^{(11)}m_{113}^{(11)}+m_{100}^{(20)}m_{201}^{(20)}m_{050}^{(22)}-2m_{100}^{(20)}m_{201}^{(20)}m_{041}^{(21)}+m_{100}^{(20)}m_{201}^{(20)}m_{032}^{(11)}\\
&-m_{100}^{(20)}m_{201}^{(21)}m_{140}^{(22)}+2m_{100}^{(20)}m_{201}^{(21)}m_{131}^{(21)}-m_{100}^{(20)}m_{201}^{(21)}m_{122}^{(11)}-2m_{100}^{(20)}m_{120}^{(10)}m_{122}^{(22)}\\
&+4m_{100}^{(20)}m_{120}^{(10)}m_{113}^{(21)}-2m_{100}^{(20)}m_{120}^{(10)}m_{104}^{(11)}-m_{100}^{(20)}m_{120}^{(11)}m_{212}^{(22)}+2m_{100}^{(20)}m_{120}^{(11)}m_{203}^{(21)}\\
&-2m_{100}^{(20)}m_{120}^{(11)}m_{104}^{(10)}+m_{100}^{(20)}m_{120}^{(11)}m_{014}^{(00)}+2m_{100}^{(20)}m_{120}^{(20)}m_{131}^{(22)}-4m_{100}^{(20)}m_{120}^{(20)}m_{122}^{(21)}\\
&+2m_{100}^{(20)}m_{120}^{(20)}m_{113}^{(11)}+4m_{100}^{(20)}m_{120}^{(21)}m_{221}^{(22)}-8m_{100}^{(20)}m_{120}^{(21)}m_{212}^{(21)}+2m_{100}^{(20)}m_{120}^{(21)}m_{203}^{(11)}\\
&+4m_{100}^{(20)}m_{120}^{(21)}m_{113}^{(10)}-2m_{100}^{(20)}m_{120}^{(21)}m_{023}^{(00)}-3m_{100}^{(20)}m_{120}^{(22)}m_{230}^{(22)}+6m_{100}^{(20)}m_{120}^{(22)}m_{221}^{(21)}\\
&-2m_{100}^{(20)}m_{120}^{(22)}m_{212}^{(11)}-2m_{100}^{(20)}m_{120}^{(22)}m_{122}^{(10)}+m_{100}^{(20)}m_{120}^{(22)}m_{032}^{(00)}+2m_{100}^{(20)}m_{111}^{(10)}m_{131}^{(22)}\\
&-4m_{100}^{(20)}m_{111}^{(10)}m_{122}^{(21)}+2m_{100}^{(20)}m_{111}^{(10)}m_{113}^{(11)}-2m_{100}^{(20)}m_{111}^{(11)}m_{221}^{(22)}+4m_{100}^{(20)}m_{111}^{(11)}m_{212}^{(21)}\\
&-4m_{100}^{(20)}m_{111}^{(11)}m_{203}^{(11)}+4m_{100}^{(20)}m_{111}^{(11)}m_{113}^{(10)}-2m_{100}^{(20)}m_{111}^{(11)}m_{023}^{(00)}-2m_{100}^{(20)}m_{111}^{(20)}m_{140}^{(22)}\\
&+4m_{100}^{(20)}m_{111}^{(20)}m_{131}^{(21)}-2m_{100}^{(20)}m_{111}^{(20)}m_{122}^{(11)}+2m_{100}^{(20)}m_{111}^{(21)}m_{230}^{(22)}-4m_{100}^{(20)}m_{111}^{(21)}m_{221}^{(21)}
\end{aligned}
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\begin{aligned}
&+6m_{100}^{(20)}m_{111}^{(21)}m_{212}^{(11)} - 8m_{100}^{(20)}m_{111}^{(21)}m_{122}^{(10)} + 4m_{100}^{(20)}m_{111}^{(21)}m_{032}^{(00)} - 2m_{100}^{(20)}m_{111}^{(22)}m_{221}^{(11)}\\
&+4m_{100}^{(20)}m_{111}^{(22)}m_{131}^{(10)} - 2m_{100}^{(20)}m_{111}^{(22)}m_{041}^{(00)} + m_{100}^{(20)}m_{102}^{(11)}m_{212}^{(11)} - 2m_{100}^{(20)}m_{102}^{(11)}m_{122}^{(10)}\\
&+m_{100}^{(20)}m_{102}^{(11)}m_{032}^{(00)} - 2m_{100}^{(20)}m_{102}^{(21)}m_{221}^{(11)} + 4m_{100}^{(20)}m_{102}^{(21)}m_{131}^{(10)} - 2m_{100}^{(20)}m_{102}^{(21)}m_{041}^{(00)}\\
&+m_{100}^{(20)}m_{102}^{(22)}m_{230}^{(11)} - 2m_{100}^{(20)}m_{102}^{(22)}m_{140}^{(10)} + m_{100}^{(20)}m_{102}^{(22)}m_{050}^{(00)} + m_{100}^{(20)}m_{030}^{(10)}m_{212}^{(22)}\\
&-2m_{100}^{(20)}m_{030}^{(10)}m_{203}^{(21)} + 2m_{100}^{(20)}m_{030}^{(10)}m_{104}^{(10)} - m_{100}^{(20)}m_{030}^{(10)}m_{014}^{(00)} - m_{100}^{(20)}m_{030}^{(20)}m_{221}^{(22)}\\
&+2m_{100}^{(20)}m_{030}^{(20)}m_{212}^{(21)} - 2m_{100}^{(20)}m_{030}^{(20)}m_{113}^{(10)} + m_{100}^{(20)}m_{030}^{(20)}m_{023}^{(00)} - m_{100}^{(20)}m_{030}^{(21)}m_{311}^{(22)}\\
&+2m_{100}^{(20)}m_{030}^{(21)}m_{302}^{(21)} - 2m_{100}^{(20)}m_{030}^{(21)}m_{203}^{(10)} + m_{100}^{(20)}m_{030}^{(21)}m_{113}^{(00)} + m_{100}^{(20)}m_{030}^{(22)}m_{320}^{(22)}\\
&-2m_{100}^{(20)}m_{030}^{(22)}m_{311}^{(21)} + 2m_{100}^{(20)}m_{030}^{(22)}m_{212}^{(10)} - m_{100}^{(20)}m_{030}^{(22)}m_{122}^{(00)} - m_{100}^{(20)}m_{021}^{(10)}m_{221}^{(22)}\\
&+2m_{100}^{(20)}m_{021}^{(10)}m_{212}^{(21)} + 2m_{100}^{(20)}m_{021}^{(10)}m_{203}^{(11)} - 6m_{100}^{(20)}m_{021}^{(10)}m_{113}^{(10)} + 3m_{100}^{(20)}m_{021}^{(10)}m_{023}^{(00)}\\
&+m_{100}^{(20)}m_{021}^{(11)}m_{311}^{(22)} - 2m_{100}^{(20)}m_{021}^{(11)}m_{302}^{(21)} + 2m_{100}^{(20)}m_{021}^{(11)}m_{203}^{(10)} - m_{100}^{(20)}m_{021}^{(11)}m_{113}^{(00)}\\
&+m_{100}^{(20)}m_{021}^{(20)}m_{230}^{(22)} - 2m_{100}^{(20)}m_{021}^{(20)}m_{221}^{(21)} - 2m_{100}^{(20)}m_{021}^{(20)}m_{212}^{(11)} + 6m_{100}^{(20)}m_{021}^{(20)}m_{122}^{(10)}\\
&-3m_{100}^{(20)}m_{021}^{(20)}m_{032}^{(00)} - m_{100}^{(20)}m_{021}^{(21)}m_{320}^{(22)} + 2m_{100}^{(20)}m_{021}^{(21)}m_{311}^{(21)} - 2m_{100}^{(20)}m_{021}^{(21)}m_{302}^{(11)}\\
&+2m_{100}^{(20)}m_{021}^{(21)}m_{212}^{(10)} - m_{100}^{(20)}m_{021}^{(21)}m_{122}^{(00)} + 2m_{100}^{(20)}m_{021}^{(22)}m_{311}^{(11)} - 4m_{100}^{(20)}m_{021}^{(22)}m_{221}^{(10)}\\
&+2m_{100}^{(20)}m_{021}^{(22)}m_{131}^{(00)} - 3m_{100}^{(20)}m_{012}^{(10)}m_{212}^{(11)} + 6m_{100}^{(20)}m_{012}^{(10)}m_{122}^{(10)} - 3m_{100}^{(20)}m_{012}^{(10)}m_{032}^{(00)}\\
&+2m_{100}^{(20)}m_{012}^{(11)}m_{302}^{(11)} - 4m_{100}^{(20)}m_{012}^{(11)}m_{212}^{(10)} + 2m_{100}^{(20)}m_{012}^{(11)}m_{122}^{(00)} + 3m_{100}^{(20)}m_{012}^{(20)}m_{221}^{(11)}\\
&-6m_{100}^{(20)}m_{012}^{(20)}m_{131}^{(10)} + 3m_{100}^{(20)}m_{012}^{(20)}m_{041}^{(00)} - m_{100}^{(20)}m_{012}^{(21)}m_{311}^{(11)} + 2m_{100}^{(20)}m_{012}^{(21)}m_{221}^{(10)}\\
&-m_{100}^{(20)}m_{012}^{(21)}m_{131}^{(00)} - m_{100}^{(20)}m_{012}^{(22)}m_{320}^{(11)} + 2m_{100}^{(20)}m_{012}^{(22)}m_{230}^{(10)} - m_{100}^{(20)}m_{012}^{(22)}m_{140}^{(00)}\\
&+m_{100}^{(20)}m_{003}^{(10)}m_{221}^{(11)} - 2m_{100}^{(20)}m_{003}^{(10)}m_{131}^{(10)} + m_{100}^{(20)}m_{003}^{(10)}m_{041}^{(00)} - m_{100}^{(20)}m_{003}^{(11)}m_{311}^{(11)}\\
&+2m_{100}^{(20)}m_{003}^{(11)}m_{221}^{(10)} - m_{100}^{(20)}m_{003}^{(11)}m_{131}^{(00)} - m_{100}^{(20)}m_{003}^{(20)}m_{230}^{(11)} + 2m_{100}^{(20)}m_{003}^{(20)}m_{140}^{(10)}\\
&-m_{100}^{(20)}m_{003}^{(20)}m_{050}^{(00)} + m_{100}^{(20)}m_{003}^{(21)}m_{320}^{(11)} - 2m_{100}^{(20)}m_{003}^{(21)}m_{230}^{(10)} + m_{100}^{(20)}m_{003}^{(21)}m_{140}^{(00)}\\
&+m_{100}^{(21)}m_{300}^{(11)}m_{122}^{(22)} - m_{100}^{(21)}m_{300}^{(11)}m_{104}^{(11)} - 2m_{100}^{(21)}m_{300}^{(11)}m_{023}^{(20)} + 2m_{100}^{(21)}m_{300}^{(11)}m_{014}^{(10)}\\
&-2m_{100}^{(21)}m_{300}^{(21)}m_{131}^{(22)} + 2m_{100}^{(21)}m_{300}^{(21)}m_{113}^{(11)} + 4m_{100}^{(21)}m_{300}^{(21)}m_{032}^{(20)} - 4m_{100}^{(21)}m_{300}^{(21)}m_{023}^{(10)}\\
&+m_{100}^{(21)}m_{300}^{(22)}m_{140}^{(22)} - m_{100}^{(21)}m_{300}^{(22)}m_{122}^{(11)} - 2m_{100}^{(21)}m_{300}^{(22)}m_{041}^{(20)} + 2m_{100}^{(21)}m_{300}^{(22)}m_{032}^{(10)}\\
&-m_{100}^{(21)}m_{210}^{(10)}m_{122}^{(22)} + m_{100}^{(21)}m_{210}^{(10)}m_{104}^{(11)} + 2m_{100}^{(21)}m_{210}^{(10)}m_{023}^{(20)} - 2m_{100}^{(21)}m_{210}^{(10)}m_{014}^{(10)}\\
&-2m_{100}^{(21)}m_{210}^{(11)}m_{212}^{(22)} + 4m_{100}^{(21)}m_{210}^{(11)}m_{113}^{(20)} - 2m_{100}^{(21)}m_{210}^{(11)}m_{014}^{(00)} + m_{100}^{(21)}m_{210}^{(20)}m_{131}^{(22)}\\
&-m_{100}^{(21)}m_{210}^{(20)}m_{113}^{(11)} - 2m_{100}^{(21)}m_{210}^{(20)}m_{032}^{(20)} + 2m_{100}^{(21)}m_{210}^{(20)}m_{023}^{(10)} + 5m_{100}^{(21)}m_{210}^{(21)}m_{221}^{(22)}\\
&-m_{100}^{(21)}m_{210}^{(21)}m_{203}^{(11)} - 10m_{100}^{(21)}m_{210}^{(21)}m_{122}^{(20)} + 2m_{100}^{(21)}m_{210}^{(21)}m_{113}^{(10)} + 4m_{100}^{(21)}m_{210}^{(21)}m_{023}^{(00)}\\
&-3m_{100}^{(21)}m_{210}^{(22)}m_{230}^{(22)} + m_{100}^{(21)}m_{210}^{(22)}m_{212}^{(11)} + 6m_{100}^{(21)}m_{210}^{(22)}m_{131}^{(20)} - 2m_{100}^{(21)}m_{210}^{(22)}m_{122}^{(10)}\\
&-2m_{100}^{(21)}m_{210}^{(22)}m_{032}^{(00)} + m_{100}^{(21)}m_{201}^{(10)}m_{131}^{(22)} - m_{100}^{(21)}m_{201}^{(10)}m_{113}^{(11)} - 2m_{100}^{(21)}m_{201}^{(10)}m_{032}^{(20)}\\
&+2m_{100}^{(21)}m_{201}^{(10)}m_{023}^{(10)} - m_{100}^{(21)}m_{201}^{(11)}m_{221}^{(22)} + 3m_{100}^{(21)}m_{201}^{(11)}m_{203}^{(11)} + 2m_{100}^{(21)}m_{201}^{(11)}m_{122}^{(20)}\\
&-6m_{100}^{(21)}m_{201}^{(11)}m_{113}^{(10)} + 2m_{100}^{(21)}m_{201}^{(11)}m_{023}^{(00)} - m_{100}^{(21)}m_{201}^{(20)}m_{140}^{(22)} + m_{100}^{(21)}m_{201}^{(20)}m_{122}^{(11)}\\
&+2m_{100}^{(21)}m_{201}^{(20)}m_{041}^{(20)} - 2m_{100}^{(21)}m_{201}^{(20)}m_{032}^{(10)} + m_{100}^{(21)}m_{201}^{(21)}m_{230}^{(22)} - 5m_{100}^{(21)}m_{201}^{(21)}m_{212}^{(11)}\\
&-2m_{100}^{(21)}m_{201}^{(21)}m_{131}^{(20)} + 10m_{100}^{(21)}m_{201}^{(21)}m_{122}^{(10)} - 4m_{100}^{(21)}m_{201}^{(21)}m_{032}^{(00)} + 2m_{100}^{(21)}m_{201}^{(22)}m_{221}^{(11)}\\
&-4m_{100}^{(21)}m_{201}^{(22)}m_{131}^{(10)} + 2m_{100}^{(21)}m_{201}^{(22)}m_{041}^{(00)} + 2m_{100}^{(21)}m_{120}^{(10)}m_{212}^{(22)} - 4m_{100}^{(21)}m_{120}^{(10)}m_{113}^{(20)}\\
&+2m_{100}^{(21)}m_{120}^{(10)}m_{014}^{(00)} + m_{100}^{(21)}m_{120}^{(11)}m_{302}^{(22)} - 2m_{100}^{(21)}m_{120}^{(11)}m_{203}^{(20)} + m_{100}^{(21)}m_{120}^{(11)}m_{104}^{(00)}\\
&-2m_{100}^{(21)}m_{120}^{(20)}m_{221}^{(22)} + 4m_{100}^{(21)}m_{120}^{(20)}m_{122}^{(20)} - 2m_{100}^{(21)}m_{120}^{(20)}m_{023}^{(00)} - 4m_{100}^{(21)}m_{120}^{(21)}m_{311}^{(22)}\\
&+8m_{100}^{(21)}m_{120}^{(21)}m_{212}^{(20)} - 4m_{100}^{(21)}m_{120}^{(21)}m_{113}^{(00)} + 3m_{100}^{(21)}m_{120}^{(22)}m_{320}^{(22)} - 6m_{100}^{(21)}m_{120}^{(22)}m_{221}^{(20)}\\
&+3m_{100}^{(21)}m_{120}^{(22)}m_{122}^{(00)} - 2m_{100}^{(21)}m_{111}^{(10)}m_{221}^{(22)} - 2m_{100}^{(21)}m_{111}^{(10)}m_{203}^{(11)} + 4m_{100}^{(21)}m_{111}^{(10)}m_{122}^{(20)}
\end{aligned}
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$$+4m_{100}^{(21)}m_{111}^{(10)}m_{113}^{(10)} - 4m_{100}^{(21)}m_{111}^{(10)}m_{023}^{(00)} + 2m_{100}^{(21)}m_{111}^{(11)}m_{311}^{(22)} - 4m_{100}^{(21)}m_{111}^{(11)}m_{212}^{(20)}$$
$$+2m_{100}^{(21)}m_{111}^{(11)}m_{113}^{(00)} + 2m_{100}^{(21)}m_{111}^{(20)}m_{230}^{(22)} + 2m_{100}^{(21)}m_{111}^{(20)}m_{212}^{(11)} - 4m_{100}^{(21)}m_{111}^{(20)}m_{131}^{(20)}$$
$$-4m_{100}^{(21)}m_{111}^{(20)}m_{122}^{(10)} + 4m_{100}^{(21)}m_{111}^{(20)}m_{032}^{(00)} - 2m_{100}^{(21)}m_{111}^{(21)}m_{320}^{(22)} + 2m_{100}^{(21)}m_{111}^{(21)}m_{302}^{(11)}$$
$$+4m_{100}^{(21)}m_{111}^{(21)}m_{221}^{(20)} - 4m_{100}^{(21)}m_{111}^{(21)}m_{212}^{(10)} - 2m_{100}^{(21)}m_{111}^{(22)}m_{311}^{(11)} + 4m_{100}^{(21)}m_{111}^{(22)}m_{221}^{(10)}$$
$$-2m_{100}^{(21)}m_{111}^{(22)}m_{131}^{(00)} + 2m_{100}^{(21)}m_{102}^{(10)}m_{212}^{(11)} - 4m_{100}^{(21)}m_{102}^{(10)}m_{122}^{(10)} + 2m_{100}^{(21)}m_{102}^{(10)}m_{032}^{(00)}$$
$$-3m_{100}^{(21)}m_{102}^{(11)}m_{302}^{(11)} + 6m_{100}^{(21)}m_{102}^{(11)}m_{212}^{(10)} - 3m_{100}^{(21)}m_{102}^{(11)}m_{122}^{(00)} - 2m_{100}^{(21)}m_{102}^{(20)}m_{221}^{(11)}$$
$$+4m_{100}^{(21)}m_{102}^{(20)}m_{131}^{(10)} - 2m_{100}^{(21)}m_{102}^{(20)}m_{041}^{(00)} + 4m_{100}^{(21)}m_{102}^{(21)}m_{311}^{(11)} - 8m_{100}^{(21)}m_{102}^{(21)}m_{221}^{(10)}$$
$$+4m_{100}^{(21)}m_{102}^{(21)}m_{131}^{(00)} - m_{100}^{(21)}m_{102}^{(22)}m_{320}^{(11)} + 2m_{100}^{(21)}m_{102}^{(22)}m_{230}^{(10)} - m_{100}^{(21)}m_{102}^{(22)}m_{140}^{(00)}$$
$$-m_{100}^{(21)}m_{030}^{(10)}m_{302}^{(22)} + 2m_{100}^{(21)}m_{030}^{(10)}m_{203}^{(20)} - m_{100}^{(21)}m_{030}^{(10)}m_{104}^{(00)} + m_{100}^{(21)}m_{030}^{(20)}m_{311}^{(22)}$$
$$-2m_{100}^{(21)}m_{030}^{(20)}m_{212}^{(20)} + m_{100}^{(21)}m_{030}^{(20)}m_{113}^{(00)} + m_{100}^{(21)}m_{030}^{(21)}m_{401}^{(22)} - 2m_{100}^{(21)}m_{030}^{(21)}m_{302}^{(20)}$$
$$+m_{100}^{(21)}m_{030}^{(21)}m_{203}^{(00)} - m_{100}^{(21)}m_{030}^{(22)}m_{410}^{(22)} + 2m_{100}^{(21)}m_{030}^{(22)}m_{311}^{(20)} - m_{100}^{(21)}m_{030}^{(22)}m_{212}^{(00)}$$
$$+m_{100}^{(21)}m_{021}^{(10)}m_{311}^{(22)} - 2m_{100}^{(21)}m_{021}^{(10)}m_{212}^{(20)} + m_{100}^{(21)}m_{021}^{(10)}m_{113}^{(00)} - m_{100}^{(21)}m_{021}^{(11)}m_{401}^{(22)}$$
$$+2m_{100}^{(21)}m_{021}^{(11)}m_{302}^{(20)} - m_{100}^{(21)}m_{021}^{(11)}m_{203}^{(00)} - m_{100}^{(21)}m_{021}^{(20)}m_{320}^{(22)} + 2m_{100}^{(21)}m_{021}^{(20)}m_{221}^{(20)}$$
$$-m_{100}^{(21)}m_{021}^{(20)}m_{122}^{(00)} + m_{100}^{(21)}m_{021}^{(21)}m_{410}^{(22)} - 2m_{100}^{(21)}m_{021}^{(21)}m_{311}^{(20)} + m_{100}^{(21)}m_{021}^{(21)}m_{212}^{(00)}$$
$$+m_{100}^{(21)}m_{012}^{(10)}m_{302}^{(11)} - 2m_{100}^{(21)}m_{012}^{(10)}m_{212}^{(10)} + m_{100}^{(21)}m_{012}^{(10)}m_{122}^{(00)} - m_{100}^{(21)}m_{012}^{(20)}m_{311}^{(11)}$$
$$+2m_{100}^{(21)}m_{012}^{(20)}m_{221}^{(10)} - m_{100}^{(21)}m_{012}^{(20)}m_{131}^{(00)} - m_{100}^{(21)}m_{012}^{(21)}m_{401}^{(11)} + 2m_{100}^{(21)}m_{012}^{(21)}m_{311}^{(10)}$$
$$-m_{100}^{(21)}m_{012}^{(21)}m_{221}^{(00)} + m_{100}^{(21)}m_{012}^{(22)}m_{410}^{(11)} - 2m_{100}^{(21)}m_{012}^{(22)}m_{320}^{(10)} + m_{100}^{(21)}m_{012}^{(22)}m_{230}^{(00)}$$
$$-m_{100}^{(21)}m_{003}^{(10)}m_{311}^{(11)} + 2m_{100}^{(21)}m_{003}^{(10)}m_{221}^{(10)} - m_{100}^{(21)}m_{003}^{(10)}m_{131}^{(00)} + m_{100}^{(21)}m_{003}^{(11)}m_{401}^{(11)}$$
$$-2m_{100}^{(21)}m_{003}^{(11)}m_{311}^{(10)} + m_{100}^{(21)}m_{003}^{(11)}m_{221}^{(00)} + m_{100}^{(21)}m_{003}^{(20)}m_{320}^{(11)} - 2m_{100}^{(21)}m_{003}^{(20)}m_{230}^{(10)}$$
$$+m_{100}^{(21)}m_{003}^{(20)}m_{140}^{(00)} - m_{100}^{(21)}m_{003}^{(21)}m_{410}^{(11)} + 2m_{100}^{(21)}m_{003}^{(21)}m_{320}^{(10)} - m_{100}^{(21)}m_{003}^{(21)}m_{230}^{(00)}$$
$$-m_{100}^{(22)}m_{300}^{(11)}m_{122}^{(21)} + m_{100}^{(22)}m_{300}^{(11)}m_{113}^{(11)} + m_{100}^{(22)}m_{300}^{(11)}m_{032}^{(20)} - m_{100}^{(22)}m_{300}^{(11)}m_{023}^{(10)}$$
$$+2m_{100}^{(22)}m_{300}^{(21)}m_{131}^{(21)} - 2m_{100}^{(22)}m_{300}^{(21)}m_{122}^{(11)} - 2m_{100}^{(22)}m_{300}^{(21)}m_{041}^{(20)} + 2m_{100}^{(22)}m_{300}^{(21)}m_{032}^{(10)}$$
$$-m_{100}^{(22)}m_{300}^{(22)}m_{140}^{(21)} + m_{100}^{(22)}m_{300}^{(22)}m_{131}^{(11)} + m_{100}^{(22)}m_{300}^{(22)}m_{050}^{(20)} - m_{100}^{(22)}m_{300}^{(22)}m_{041}^{(10)}$$
$$+m_{100}^{(22)}m_{210}^{(10)}m_{122}^{(21)} - m_{100}^{(22)}m_{210}^{(10)}m_{113}^{(11)} - m_{100}^{(22)}m_{210}^{(10)}m_{032}^{(20)} + m_{100}^{(22)}m_{210}^{(10)}m_{023}^{(10)}$$
$$+2m_{100}^{(22)}m_{210}^{(11)}m_{212}^{(21)} - m_{100}^{(22)}m_{210}^{(11)}m_{203}^{(11)} - 2m_{100}^{(22)}m_{210}^{(11)}m_{122}^{(20)} + m_{100}^{(22)}m_{210}^{(11)}m_{023}^{(00)}$$
$$-m_{100}^{(22)}m_{210}^{(20)}m_{131}^{(21)} + m_{100}^{(22)}m_{210}^{(20)}m_{122}^{(11)} + m_{100}^{(22)}m_{210}^{(20)}m_{041}^{(20)} - m_{100}^{(22)}m_{210}^{(20)}m_{032}^{(10)}$$
$$-5m_{100}^{(22)}m_{210}^{(21)}m_{221}^{(21)} + 3m_{100}^{(22)}m_{210}^{(21)}m_{212}^{(11)} + 5m_{100}^{(22)}m_{210}^{(21)}m_{131}^{(20)} - m_{100}^{(22)}m_{210}^{(21)}m_{122}^{(10)}$$
$$-2m_{100}^{(22)}m_{210}^{(21)}m_{032}^{(00)} + 3m_{100}^{(22)}m_{210}^{(22)}m_{230}^{(21)} - 2m_{100}^{(22)}m_{210}^{(22)}m_{221}^{(11)} - 3m_{100}^{(22)}m_{210}^{(22)}m_{140}^{(20)}$$
$$+m_{100}^{(22)}m_{210}^{(22)}m_{131}^{(10)} + m_{100}^{(22)}m_{210}^{(22)}m_{041}^{(00)} - m_{100}^{(22)}m_{201}^{(10)}m_{131}^{(21)} + m_{100}^{(22)}m_{201}^{(10)}m_{122}^{(11)}$$
$$+m_{100}^{(22)}m_{201}^{(10)}m_{041}^{(20)} - m_{100}^{(22)}m_{201}^{(10)}m_{032}^{(10)} + m_{100}^{(22)}m_{201}^{(11)}m_{221}^{(21)} - 2m_{100}^{(22)}m_{201}^{(11)}m_{212}^{(11)}$$
$$-m_{100}^{(22)}m_{201}^{(11)}m_{131}^{(20)} + 3m_{100}^{(22)}m_{201}^{(11)}m_{122}^{(10)} - m_{100}^{(22)}m_{201}^{(11)}m_{032}^{(00)} + m_{100}^{(22)}m_{201}^{(20)}m_{140}^{(21)}$$
$$-m_{100}^{(22)}m_{201}^{(20)}m_{131}^{(11)} - m_{100}^{(22)}m_{201}^{(20)}m_{050}^{(20)} + m_{100}^{(22)}m_{201}^{(20)}m_{041}^{(10)} - m_{100}^{(22)}m_{201}^{(21)}m_{230}^{(21)}$$
$$+3m_{100}^{(22)}m_{201}^{(21)}m_{221}^{(11)} + m_{100}^{(22)}m_{201}^{(21)}m_{140}^{(20)} - 5m_{100}^{(22)}m_{201}^{(21)}m_{131}^{(10)} + 2m_{100}^{(22)}m_{201}^{(21)}m_{041}^{(00)}$$
$$-m_{100}^{(22)}m_{201}^{(22)}m_{230}^{(11)} + 2m_{100}^{(22)}m_{201}^{(22)}m_{140}^{(10)} - m_{100}^{(22)}m_{201}^{(22)}m_{050}^{(00)} - 2m_{100}^{(22)}m_{120}^{(10)}m_{212}^{(21)}$$
$$+m_{100}^{(22)}m_{120}^{(10)}m_{203}^{(11)} + 2m_{100}^{(22)}m_{120}^{(10)}m_{122}^{(20)} - m_{100}^{(22)}m_{120}^{(10)}m_{023}^{(00)} - m_{100}^{(22)}m_{120}^{(11)}m_{302}^{(21)}$$
$$+m_{100}^{(22)}m_{120}^{(11)}m_{212}^{(20)} + m_{100}^{(22)}m_{120}^{(11)}m_{203}^{(10)} - m_{100}^{(22)}m_{120}^{(11)}m_{113}^{(00)} + 2m_{100}^{(22)}m_{120}^{(20)}m_{221}^{(21)}$$
$$-m_{100}^{(22)}m_{120}^{(20)}m_{212}^{(11)} - 2m_{100}^{(22)}m_{120}^{(20)}m_{131}^{(20)} + m_{100}^{(22)}m_{120}^{(20)}m_{032}^{(00)} + 4m_{100}^{(22)}m_{120}^{(21)}m_{311}^{(21)}$$
$$-m_{100}^{(22)}m_{120}^{(21)}m_{302}^{(11)} - 4m_{100}^{(22)}m_{120}^{(21)}m_{221}^{(20)} - 2m_{100}^{(22)}m_{120}^{(21)}m_{212}^{(10)} + 3m_{100}^{(22)}m_{120}^{(21)}m_{122}^{(00)}$$

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\begin{aligned}
&-3m_{100}^{(22)}m_{120}^{(22)}m_{320}^{(21)} + m_{100}^{(22)}m_{120}^{(22)}m_{311}^{(11)} + 3m_{100}^{(22)}m_{120}^{(22)}m_{230}^{(20)} + m_{100}^{(22)}m_{120}^{(22)}m_{221}^{(10)}\\
&-2m_{100}^{(22)}m_{120}^{(22)}m_{131}^{(00)} + 2m_{100}^{(22)}m_{111}^{(10)}m_{221}^{(21)} - 2m_{100}^{(22)}m_{111}^{(10)}m_{131}^{(20)} - 2m_{100}^{(22)}m_{111}^{(10)}m_{122}^{(10)}\\
&+2m_{100}^{(22)}m_{111}^{(10)}m_{032}^{(00)} - 2m_{100}^{(22)}m_{111}^{(11)}m_{311}^{(21)} + 2m_{100}^{(22)}m_{111}^{(11)}m_{302}^{(11)} + 2m_{100}^{(22)}m_{111}^{(11)}m_{221}^{(20)}\\
&-2m_{100}^{(22)}m_{111}^{(11)}m_{212}^{(10)} - 2m_{100}^{(22)}m_{111}^{(20)}m_{230}^{(21)} + 2m_{100}^{(22)}m_{111}^{(20)}m_{140}^{(20)} + 2m_{100}^{(22)}m_{111}^{(20)}m_{131}^{(10)}\\
&-2m_{100}^{(22)}m_{111}^{(20)}m_{041}^{(00)} + 2m_{100}^{(22)}m_{111}^{(21)}m_{320}^{(21)} - 4m_{100}^{(22)}m_{111}^{(21)}m_{311}^{(11)} - 2m_{100}^{(22)}m_{111}^{(21)}m_{230}^{(20)}\\
&+6m_{100}^{(22)}m_{111}^{(21)}m_{221}^{(10)} - 2m_{100}^{(22)}m_{111}^{(21)}m_{131}^{(00)} + 2m_{100}^{(22)}m_{111}^{(22)}m_{320}^{(11)} - 4m_{100}^{(22)}m_{111}^{(22)}m_{230}^{(10)}\\
&+2m_{100}^{(22)}m_{111}^{(22)}m_{140}^{(00)} - m_{100}^{(22)}m_{102}^{(10)}m_{221}^{(11)} + 2m_{100}^{(22)}m_{102}^{(10)}m_{131}^{(10)} - m_{100}^{(22)}m_{102}^{(10)}m_{041}^{(00)}\\
&+m_{100}^{(22)}m_{102}^{(11)}m_{311}^{(11)} - 2m_{100}^{(22)}m_{102}^{(11)}m_{221}^{(10)} + m_{100}^{(22)}m_{102}^{(11)}m_{131}^{(00)} + m_{100}^{(22)}m_{102}^{(20)}m_{230}^{(11)}\\
&-2m_{100}^{(22)}m_{102}^{(20)}m_{140}^{(10)} + m_{100}^{(22)}m_{102}^{(20)}m_{050}^{(00)} - m_{100}^{(22)}m_{102}^{(21)}m_{320}^{(11)} + 2m_{100}^{(22)}m_{102}^{(21)}m_{230}^{(10)}\\
&-m_{100}^{(22)}m_{102}^{(21)}m_{140}^{(00)} + m_{100}^{(22)}m_{030}^{(10)}m_{302}^{(21)} - m_{100}^{(22)}m_{030}^{(10)}m_{212}^{(20)} - m_{100}^{(22)}m_{030}^{(10)}m_{203}^{(10)}\\
&+m_{100}^{(22)}m_{030}^{(10)}m_{113}^{(00)} - m_{100}^{(22)}m_{030}^{(20)}m_{311}^{(21)} + m_{100}^{(22)}m_{030}^{(20)}m_{221}^{(20)} + m_{100}^{(22)}m_{030}^{(20)}m_{212}^{(10)}\\
&-m_{100}^{(22)}m_{030}^{(20)}m_{122}^{(00)} - m_{100}^{(22)}m_{030}^{(21)}m_{401}^{(21)} + m_{100}^{(22)}m_{030}^{(21)}m_{311}^{(20)} + m_{100}^{(22)}m_{030}^{(21)}m_{302}^{(10)}\\
&-m_{100}^{(22)}m_{030}^{(21)}m_{212}^{(00)} + m_{100}^{(22)}m_{030}^{(22)}m_{410}^{(21)} - m_{100}^{(22)}m_{030}^{(22)}m_{320}^{(20)} - m_{100}^{(22)}m_{030}^{(22)}m_{311}^{(10)}\\
&+m_{100}^{(22)}m_{030}^{(22)}m_{221}^{(00)} - m_{100}^{(22)}m_{021}^{(10)}m_{311}^{(21)} - m_{100}^{(22)}m_{021}^{(10)}m_{302}^{(11)} + m_{100}^{(22)}m_{021}^{(10)}m_{221}^{(20)}\\
&+3m_{100}^{(22)}m_{021}^{(10)}m_{212}^{(10)} - 2m_{100}^{(22)}m_{021}^{(10)}m_{122}^{(00)} + m_{100}^{(22)}m_{021}^{(11)}m_{401}^{(21)} - m_{100}^{(22)}m_{021}^{(11)}m_{311}^{(20)}\\
&-m_{100}^{(22)}m_{021}^{(11)}m_{302}^{(10)} + m_{100}^{(22)}m_{021}^{(11)}m_{212}^{(00)} + m_{100}^{(22)}m_{021}^{(20)}m_{320}^{(21)} + m_{100}^{(22)}m_{021}^{(20)}m_{311}^{(11)}\\
&-m_{100}^{(22)}m_{021}^{(20)}m_{230}^{(20)} - 3m_{100}^{(22)}m_{021}^{(20)}m_{221}^{(10)} + 2m_{100}^{(22)}m_{021}^{(20)}m_{131}^{(00)} - m_{100}^{(22)}m_{021}^{(21)}m_{410}^{(21)}\\
&+m_{100}^{(22)}m_{021}^{(21)}m_{401}^{(11)} + m_{100}^{(22)}m_{021}^{(21)}m_{320}^{(20)} - m_{100}^{(22)}m_{021}^{(21)}m_{311}^{(10)} - m_{100}^{(22)}m_{021}^{(22)}m_{410}^{(11)}\\
&+2m_{100}^{(22)}m_{021}^{(22)}m_{320}^{(10)} - m_{100}^{(22)}m_{021}^{(22)}m_{230}^{(00)} + m_{100}^{(22)}m_{012}^{(10)}m_{311}^{(11)} - 2m_{100}^{(22)}m_{012}^{(10)}m_{221}^{(10)}\\
&+m_{100}^{(22)}m_{012}^{(10)}m_{131}^{(00)} - m_{100}^{(22)}m_{012}^{(11)}m_{401}^{(11)} + 2m_{100}^{(22)}m_{012}^{(11)}m_{311}^{(10)} - m_{100}^{(22)}m_{012}^{(11)}m_{221}^{(00)}\\
&-m_{100}^{(22)}m_{012}^{(20)}m_{320}^{(11)} + 2m_{100}^{(22)}m_{012}^{(20)}m_{230}^{(10)} - m_{100}^{(22)}m_{012}^{(20)}m_{140}^{(00)} + m_{100}^{(22)}m_{012}^{(21)}m_{410}^{(11)}\\
&-2m_{100}^{(22)}m_{012}^{(21)}m_{320}^{(10)} + m_{100}^{(22)}m_{012}^{(21)}m_{230}^{(00)} + m_{010}^{(00)}m_{210}^{(10)}m_{023}^{(22)} - 2m_{010}^{(00)}m_{210}^{(10)}m_{014}^{(21)}\\
&+m_{010}^{(00)}m_{210}^{(10)}m_{005}^{(11)} - m_{010}^{(00)}m_{210}^{(20)}m_{032}^{(22)} + 2m_{010}^{(00)}m_{210}^{(20)}m_{023}^{(21)} - m_{010}^{(00)}m_{210}^{(20)}m_{014}^{(11)}\\
&-m_{010}^{(00)}m_{210}^{(21)}m_{122}^{(22)} + 2m_{010}^{(00)}m_{210}^{(21)}m_{113}^{(21)} - m_{010}^{(00)}m_{210}^{(21)}m_{104}^{(11)} + m_{010}^{(00)}m_{210}^{(22)}m_{131}^{(22)}\\
&-2m_{010}^{(00)}m_{210}^{(22)}m_{122}^{(21)} + m_{010}^{(00)}m_{210}^{(22)}m_{113}^{(11)} - m_{010}^{(00)}m_{201}^{(10)}m_{032}^{(22)} + 2m_{010}^{(00)}m_{201}^{(10)}m_{023}^{(21)}\\
&-m_{010}^{(00)}m_{201}^{(10)}m_{014}^{(11)} + m_{010}^{(00)}m_{201}^{(20)}m_{041}^{(22)} - 2m_{010}^{(00)}m_{201}^{(20)}m_{032}^{(21)} + m_{010}^{(00)}m_{201}^{(20)}m_{023}^{(11)}\\
&+m_{010}^{(00)}m_{201}^{(21)}m_{131}^{(22)} - 2m_{010}^{(00)}m_{201}^{(21)}m_{122}^{(21)} + m_{010}^{(00)}m_{201}^{(21)}m_{113}^{(11)} - m_{010}^{(00)}m_{201}^{(22)}m_{140}^{(22)}\\
&+2m_{010}^{(00)}m_{201}^{(22)}m_{131}^{(21)} - m_{010}^{(00)}m_{201}^{(22)}m_{122}^{(11)} - m_{010}^{(00)}m_{120}^{(00)}m_{023}^{(22)} + 2m_{010}^{(00)}m_{120}^{(00)}m_{014}^{(21)}\\
&-m_{010}^{(00)}m_{120}^{(00)}m_{005}^{(11)} - m_{010}^{(00)}m_{120}^{(10)}m_{113}^{(22)} + m_{010}^{(00)}m_{120}^{(10)}m_{104}^{(21)} + m_{010}^{(00)}m_{120}^{(10)}m_{014}^{(20)}\\
&-m_{010}^{(00)}m_{120}^{(10)}m_{005}^{(10)} + 3m_{010}^{(00)}m_{120}^{(20)}m_{122}^{(22)} - 5m_{010}^{(00)}m_{120}^{(20)}m_{113}^{(21)} + 2m_{010}^{(00)}m_{120}^{(20)}m_{104}^{(11)}\\
&-m_{010}^{(00)}m_{120}^{(20)}m_{023}^{(20)} + m_{010}^{(00)}m_{120}^{(20)}m_{014}^{(10)} + m_{010}^{(00)}m_{120}^{(21)}m_{212}^{(22)} - m_{010}^{(00)}m_{120}^{(21)}m_{203}^{(21)}\\
&-m_{010}^{(00)}m_{120}^{(21)}m_{113}^{(20)} + m_{010}^{(00)}m_{120}^{(21)}m_{104}^{(10)} - 2m_{010}^{(00)}m_{120}^{(22)}m_{221}^{(22)} + 3m_{010}^{(00)}m_{120}^{(22)}m_{212}^{(21)}\\
&-m_{010}^{(00)}m_{120}^{(22)}m_{203}^{(11)} + m_{010}^{(00)}m_{120}^{(22)}m_{122}^{(20)} - m_{010}^{(00)}m_{120}^{(22)}m_{113}^{(10)} + 2m_{010}^{(00)}m_{111}^{(00)}m_{032}^{(22)}\\
&-4m_{010}^{(00)}m_{111}^{(00)}m_{023}^{(21)} + 2m_{010}^{(00)}m_{111}^{(00)}m_{014}^{(11)} + 2m_{010}^{(00)}m_{111}^{(10)}m_{113}^{(21)} - 2m_{010}^{(00)}m_{111}^{(10)}m_{104}^{(11)}\\
&-2m_{010}^{(00)}m_{111}^{(10)}m_{023}^{(20)} + 2m_{010}^{(00)}m_{111}^{(10)}m_{014}^{(10)} - 4m_{010}^{(00)}m_{111}^{(20)}m_{131}^{(22)} + 6m_{010}^{(00)}m_{111}^{(20)}m_{122}^{(21)}\\
&-2m_{010}^{(00)}m_{111}^{(20)}m_{113}^{(11)} + 2m_{010}^{(00)}m_{111}^{(20)}m_{032}^{(20)} - 2m_{010}^{(00)}m_{111}^{(20)}m_{023}^{(10)} - 2m_{010}^{(00)}m_{111}^{(21)}m_{212}^{(21)}\\
&+2m_{010}^{(00)}m_{111}^{(21)}m_{203}^{(11)} + 2m_{010}^{(00)}m_{111}^{(21)}m_{122}^{(20)} - 2m_{010}^{(00)}m_{111}^{(21)}m_{113}^{(10)} + 2m_{010}^{(00)}m_{111}^{(22)}m_{230}^{(22)}\\
&-2m_{010}^{(00)}m_{111}^{(22)}m_{221}^{(21)} - 2m_{010}^{(00)}m_{111}^{(22)}m_{131}^{(20)} + 2m_{010}^{(00)}m_{111}^{(22)}m_{122}^{(10)} - m_{010}^{(00)}m_{102}^{(00)}m_{041}^{(22)}
\end{aligned}
$$

$$+2m_{010}^{(00)}m_{102}^{(00)}m_{032}^{(21)} - m_{010}^{(00)}m_{102}^{(00)}m_{023}^{(11)} + m_{010}^{(00)}m_{102}^{(10)}m_{131}^{(22)} - 3m_{010}^{(00)}m_{102}^{(10)}m_{122}^{(21)}$$
$$+2m_{010}^{(00)}m_{102}^{(10)}m_{113}^{(11)} + m_{010}^{(00)}m_{102}^{(10)}m_{032}^{(20)} - m_{010}^{(00)}m_{102}^{(10)}m_{023}^{(10)} + m_{010}^{(00)}m_{102}^{(20)}m_{140}^{(22)}$$
$$-m_{010}^{(00)}m_{102}^{(20)}m_{131}^{(21)} - m_{010}^{(00)}m_{102}^{(20)}m_{041}^{(20)} + m_{010}^{(00)}m_{102}^{(20)}m_{032}^{(10)} - m_{010}^{(00)}m_{102}^{(21)}m_{230}^{(22)}$$
$$+3m_{010}^{(00)}m_{102}^{(21)}m_{221}^{(21)} - 2m_{010}^{(00)}m_{102}^{(21)}m_{212}^{(11)} - m_{010}^{(00)}m_{102}^{(21)}m_{131}^{(20)} + m_{010}^{(00)}m_{102}^{(21)}m_{122}^{(10)}$$
$$-m_{010}^{(00)}m_{102}^{(22)}m_{230}^{(21)} + m_{010}^{(00)}m_{102}^{(22)}m_{221}^{(11)} + m_{010}^{(00)}m_{102}^{(22)}m_{140}^{(20)} - m_{010}^{(00)}m_{102}^{(22)}m_{131}^{(10)}$$
$$+m_{010}^{(00)}m_{030}^{(00)}m_{113}^{(22)} - m_{010}^{(00)}m_{030}^{(00)}m_{104}^{(21)} - m_{010}^{(00)}m_{030}^{(00)}m_{014}^{(20)} + m_{010}^{(00)}m_{030}^{(00)}m_{005}^{(10)}$$
$$-2m_{010}^{(00)}m_{030}^{(20)}m_{212}^{(22)} + 2m_{010}^{(00)}m_{030}^{(20)}m_{203}^{(21)} + 2m_{010}^{(00)}m_{030}^{(20)}m_{113}^{(20)} - 2m_{010}^{(00)}m_{030}^{(20)}m_{104}^{(10)}$$
$$+m_{010}^{(00)}m_{030}^{(22)}m_{311}^{(22)} - m_{010}^{(00)}m_{030}^{(22)}m_{302}^{(21)} - m_{010}^{(00)}m_{030}^{(22)}m_{212}^{(20)} + m_{010}^{(00)}m_{030}^{(22)}m_{203}^{(10)}$$
$$-2m_{010}^{(00)}m_{021}^{(00)}m_{122}^{(22)} + m_{010}^{(00)}m_{021}^{(00)}m_{113}^{(21)} + m_{010}^{(00)}m_{021}^{(00)}m_{104}^{(11)} + 3m_{010}^{(00)}m_{021}^{(00)}m_{023}^{(20)}$$
$$-3m_{010}^{(00)}m_{021}^{(00)}m_{014}^{(10)} + m_{010}^{(00)}m_{021}^{(10)}m_{212}^{(22)} - m_{010}^{(00)}m_{021}^{(10)}m_{203}^{(21)} - m_{010}^{(00)}m_{021}^{(10)}m_{113}^{(20)}$$
$$+m_{010}^{(00)}m_{021}^{(10)}m_{104}^{(10)} + 3m_{010}^{(00)}m_{021}^{(20)}m_{221}^{(22)} - m_{010}^{(00)}m_{021}^{(20)}m_{212}^{(21)} - 2m_{010}^{(00)}m_{021}^{(20)}m_{203}^{(11)}$$
$$-5m_{010}^{(00)}m_{021}^{(20)}m_{122}^{(20)} + 5m_{010}^{(00)}m_{021}^{(20)}m_{113}^{(10)} - m_{010}^{(00)}m_{021}^{(21)}m_{311}^{(22)} + m_{010}^{(00)}m_{021}^{(21)}m_{302}^{(21)}$$
$$+m_{010}^{(00)}m_{021}^{(21)}m_{212}^{(20)} - m_{010}^{(00)}m_{021}^{(21)}m_{203}^{(10)} - m_{010}^{(00)}m_{021}^{(22)}m_{320}^{(22)} + m_{010}^{(00)}m_{021}^{(22)}m_{302}^{(11)}$$
$$+2m_{010}^{(00)}m_{021}^{(22)}m_{221}^{(20)} - 2m_{010}^{(00)}m_{021}^{(22)}m_{212}^{(10)} + m_{010}^{(00)}m_{012}^{(00)}m_{131}^{(22)} + m_{010}^{(00)}m_{012}^{(00)}m_{122}^{(21)}$$
$$-2m_{010}^{(00)}m_{012}^{(00)}m_{113}^{(11)} - 3m_{010}^{(00)}m_{012}^{(00)}m_{032}^{(20)} + 3m_{010}^{(00)}m_{012}^{(00)}m_{023}^{(10)} - m_{010}^{(00)}m_{012}^{(10)}m_{221}^{(22)}$$
$$+m_{010}^{(00)}m_{012}^{(10)}m_{203}^{(11)} + 2m_{010}^{(00)}m_{012}^{(10)}m_{122}^{(20)} - 2m_{010}^{(00)}m_{012}^{(10)}m_{113}^{(10)} - m_{010}^{(00)}m_{012}^{(20)}m_{230}^{(22)}$$
$$-2m_{010}^{(00)}m_{012}^{(20)}m_{221}^{(21)} + 3m_{010}^{(00)}m_{012}^{(20)}m_{212}^{(11)} + 4m_{010}^{(00)}m_{012}^{(20)}m_{131}^{(20)} - 4m_{010}^{(00)}m_{012}^{(20)}m_{122}^{(10)}$$
$$+m_{010}^{(00)}m_{012}^{(21)}m_{320}^{(22)} - m_{010}^{(00)}m_{012}^{(21)}m_{302}^{(11)} - 2m_{010}^{(00)}m_{012}^{(21)}m_{221}^{(20)} + 2m_{010}^{(00)}m_{012}^{(21)}m_{212}^{(10)}$$
$$+m_{010}^{(00)}m_{012}^{(22)}m_{320}^{(21)} - m_{010}^{(00)}m_{012}^{(22)}m_{311}^{(11)} - m_{010}^{(00)}m_{012}^{(22)}m_{230}^{(20)} + m_{010}^{(00)}m_{012}^{(22)}m_{221}^{(10)}$$
$$-m_{010}^{(00)}m_{003}^{(00)}m_{131}^{(21)} + m_{010}^{(00)}m_{003}^{(00)}m_{122}^{(11)} + m_{010}^{(00)}m_{003}^{(00)}m_{041}^{(20)} - m_{010}^{(00)}m_{003}^{(00)}m_{032}^{(10)}$$
$$+m_{010}^{(00)}m_{003}^{(10)}m_{221}^{(21)} - m_{010}^{(00)}m_{003}^{(10)}m_{212}^{(11)} - m_{010}^{(00)}m_{003}^{(10)}m_{131}^{(20)} + m_{010}^{(00)}m_{003}^{(10)}m_{122}^{(10)}$$
$$+m_{010}^{(00)}m_{003}^{(20)}m_{230}^{(21)} - m_{010}^{(00)}m_{003}^{(20)}m_{221}^{(11)} - m_{010}^{(00)}m_{003}^{(20)}m_{140}^{(20)} + m_{010}^{(00)}m_{003}^{(20)}m_{131}^{(10)}$$
$$-m_{010}^{(00)}m_{003}^{(21)}m_{320}^{(21)} + m_{010}^{(00)}m_{003}^{(21)}m_{311}^{(11)} + m_{010}^{(00)}m_{003}^{(21)}m_{230}^{(20)} - m_{010}^{(00)}m_{003}^{(21)}m_{221}^{(10)}$$
$$-m_{010}^{(10)}m_{300}^{(10)}m_{023}^{(22)} + 2m_{010}^{(10)}m_{300}^{(10)}m_{014}^{(21)} - m_{010}^{(10)}m_{300}^{(10)}m_{005}^{(11)} + m_{010}^{(10)}m_{300}^{(20)}m_{032}^{(22)}$$
$$-2m_{010}^{(10)}m_{300}^{(20)}m_{023}^{(21)} + m_{010}^{(10)}m_{300}^{(20)}m_{014}^{(11)} + m_{010}^{(10)}m_{300}^{(21)}m_{122}^{(22)} - 2m_{010}^{(10)}m_{300}^{(21)}m_{113}^{(21)}$$
$$+m_{010}^{(10)}m_{300}^{(21)}m_{104}^{(11)} - m_{010}^{(10)}m_{300}^{(22)}m_{131}^{(22)} + 2m_{010}^{(10)}m_{300}^{(22)}m_{122}^{(21)} - m_{010}^{(10)}m_{300}^{(22)}m_{113}^{(11)}$$
$$+m_{010}^{(10)}m_{210}^{(00)}m_{023}^{(22)} - 2m_{010}^{(10)}m_{210}^{(00)}m_{014}^{(21)} + m_{010}^{(10)}m_{210}^{(00)}m_{005}^{(11)} - 2m_{010}^{(10)}m_{210}^{(20)}m_{122}^{(22)}$$
$$+4m_{010}^{(10)}m_{210}^{(20)}m_{113}^{(21)} - 2m_{010}^{(10)}m_{210}^{(20)}m_{104}^{(11)} + m_{010}^{(10)}m_{210}^{(22)}m_{221}^{(22)} - 2m_{010}^{(10)}m_{210}^{(22)}m_{212}^{(21)}$$
$$+m_{010}^{(10)}m_{210}^{(22)}m_{203}^{(11)} - m_{010}^{(10)}m_{201}^{(00)}m_{032}^{(22)} + 2m_{010}^{(10)}m_{201}^{(00)}m_{023}^{(21)} - m_{010}^{(10)}m_{201}^{(00)}m_{014}^{(11)}$$
$$+3m_{010}^{(10)}m_{201}^{(10)}m_{122}^{(22)} - 6m_{010}^{(10)}m_{201}^{(10)}m_{113}^{(21)} + 3m_{010}^{(10)}m_{201}^{(10)}m_{104}^{(11)} - m_{010}^{(10)}m_{201}^{(20)}m_{131}^{(22)}$$
$$+2m_{010}^{(10)}m_{201}^{(20)}m_{122}^{(21)} - m_{010}^{(10)}m_{201}^{(20)}m_{113}^{(11)} - 3m_{010}^{(10)}m_{201}^{(21)}m_{221}^{(22)} + 6m_{010}^{(10)}m_{201}^{(21)}m_{212}^{(21)}$$
$$-3m_{010}^{(10)}m_{201}^{(21)}m_{203}^{(11)} + 2m_{010}^{(10)}m_{201}^{(22)}m_{230}^{(22)} - 4m_{010}^{(10)}m_{201}^{(22)}m_{221}^{(21)} + 2m_{010}^{(10)}m_{201}^{(22)}m_{212}^{(11)}$$
$$+m_{010}^{(10)}m_{120}^{(10)}m_{203}^{(22)} - 2m_{010}^{(10)}m_{120}^{(10)}m_{104}^{(20)} + m_{010}^{(10)}m_{120}^{(10)}m_{005}^{(00)} - m_{010}^{(10)}m_{120}^{(20)}m_{212}^{(22)}$$
$$+2m_{010}^{(10)}m_{120}^{(20)}m_{113}^{(20)} - m_{010}^{(10)}m_{120}^{(20)}m_{014}^{(00)} - m_{010}^{(10)}m_{120}^{(21)}m_{302}^{(22)} + 2m_{010}^{(10)}m_{120}^{(21)}m_{203}^{(20)}$$
$$-m_{010}^{(10)}m_{120}^{(21)}m_{104}^{(00)} + m_{010}^{(10)}m_{120}^{(22)}m_{311}^{(22)} - 2m_{010}^{(10)}m_{120}^{(22)}m_{212}^{(20)} + m_{010}^{(10)}m_{120}^{(22)}m_{113}^{(00)}$$
$$-2m_{010}^{(10)}m_{111}^{(00)}m_{122}^{(22)} + 4m_{010}^{(10)}m_{111}^{(00)}m_{113}^{(21)} - 2m_{010}^{(10)}m_{111}^{(00)}m_{104}^{(11)} - 2m_{010}^{(10)}m_{111}^{(10)}m_{212}^{(22)}$$
$$+4m_{010}^{(10)}m_{111}^{(10)}m_{113}^{(20)} - 2m_{010}^{(10)}m_{111}^{(10)}m_{014}^{(00)} + 6m_{010}^{(10)}m_{111}^{(20)}m_{221}^{(22)} - 8m_{010}^{(10)}m_{111}^{(20)}m_{212}^{(21)}$$
$$+4m_{010}^{(10)}m_{111}^{(20)}m_{203}^{(11)} - 4m_{010}^{(10)}m_{111}^{(20)}m_{122}^{(20)} + 2m_{010}^{(10)}m_{111}^{(20)}m_{023}^{(00)} + 2m_{010}^{(10)}m_{111}^{(21)}m_{311}^{(22)}$$

$$
\begin{aligned}
&-4m_{010}^{(10)}m_{111}^{(21)}m_{212}^{(20)} + 2m_{010}^{(10)}m_{111}^{(21)}m_{113}^{(00)} - 4m_{010}^{(10)}m_{111}^{(22)}m_{320}^{(22)} + 4m_{010}^{(10)}m_{111}^{(22)}m_{311}^{(21)}\\
&-2m_{010}^{(10)}m_{111}^{(22)}m_{302}^{(11)} + 4m_{010}^{(10)}m_{111}^{(22)}m_{221}^{(20)} - 2m_{010}^{(10)}m_{111}^{(22)}m_{122}^{(00)} + 2m_{010}^{(10)}m_{102}^{(00)}m_{131}^{(22)}\\
&-4m_{010}^{(10)}m_{102}^{(00)}m_{122}^{(21)} + 2m_{010}^{(10)}m_{102}^{(00)}m_{113}^{(11)} - 2m_{010}^{(10)}m_{102}^{(10)}m_{221}^{(22)} + 6m_{010}^{(10)}m_{102}^{(10)}m_{212}^{(21)}\\
&-3m_{010}^{(10)}m_{102}^{(10)}m_{203}^{(11)} - 2m_{010}^{(10)}m_{102}^{(10)}m_{122}^{(20)} + m_{010}^{(10)}m_{102}^{(10)}m_{023}^{(00)} - 2m_{010}^{(10)}m_{102}^{(20)}m_{230}^{(22)}\\
&+2m_{010}^{(10)}m_{102}^{(20)}m_{221}^{(21)} - m_{010}^{(10)}m_{102}^{(20)}m_{212}^{(11)} + 2m_{010}^{(10)}m_{102}^{(20)}m_{131}^{(20)} - m_{010}^{(10)}m_{102}^{(20)}m_{032}^{(00)}\\
&+2m_{010}^{(10)}m_{102}^{(21)}m_{320}^{(22)} - 6m_{010}^{(10)}m_{102}^{(21)}m_{311}^{(21)} + 3m_{010}^{(10)}m_{102}^{(21)}m_{302}^{(11)} + 2m_{010}^{(10)}m_{102}^{(21)}m_{221}^{(20)}\\
&-m_{010}^{(10)}m_{102}^{(21)}m_{122}^{(00)} + 2m_{010}^{(10)}m_{102}^{(22)}m_{320}^{(21)} - m_{010}^{(10)}m_{102}^{(22)}m_{311}^{(11)} - 2m_{010}^{(10)}m_{102}^{(22)}m_{230}^{(20)}\\
&+m_{010}^{(10)}m_{102}^{(22)}m_{131}^{(00)} - m_{010}^{(10)}m_{030}^{(00)}m_{203}^{(22)} + 2m_{010}^{(10)}m_{030}^{(00)}m_{104}^{(20)} - m_{010}^{(10)}m_{030}^{(00)}m_{005}^{(00)}\\
&+2m_{010}^{(10)}m_{030}^{(20)}m_{302}^{(22)} - 4m_{010}^{(10)}m_{030}^{(20)}m_{203}^{(20)} + 2m_{010}^{(10)}m_{030}^{(20)}m_{104}^{(00)} - m_{010}^{(10)}m_{030}^{(22)}m_{401}^{(22)}\\
&+2m_{010}^{(10)}m_{030}^{(22)}m_{302}^{(20)} - m_{010}^{(10)}m_{030}^{(22)}m_{203}^{(00)} + 3m_{010}^{(10)}m_{021}^{(00)}m_{212}^{(22)} - 6m_{010}^{(10)}m_{021}^{(00)}m_{113}^{(20)}\\
&+3m_{010}^{(10)}m_{021}^{(00)}m_{014}^{(00)} - m_{010}^{(10)}m_{021}^{(10)}m_{302}^{(22)} + 2m_{010}^{(10)}m_{021}^{(10)}m_{203}^{(20)} - m_{010}^{(10)}m_{021}^{(10)}m_{104}^{(00)}\\
&-5m_{010}^{(10)}m_{021}^{(20)}m_{311}^{(22)} + 10m_{010}^{(10)}m_{021}^{(20)}m_{212}^{(20)} - 5m_{010}^{(10)}m_{021}^{(20)}m_{113}^{(00)} + m_{010}^{(10)}m_{021}^{(21)}m_{401}^{(22)}\\
&-2m_{010}^{(10)}m_{021}^{(21)}m_{302}^{(20)} + m_{010}^{(10)}m_{021}^{(21)}m_{203}^{(00)} + 2m_{010}^{(10)}m_{021}^{(22)}m_{410}^{(22)} - 4m_{010}^{(10)}m_{021}^{(22)}m_{311}^{(20)}\\
&+2m_{010}^{(10)}m_{021}^{(22)}m_{212}^{(00)} - 2m_{010}^{(10)}m_{012}^{(00)}m_{221}^{(22)} - 2m_{010}^{(10)}m_{012}^{(00)}m_{212}^{(21)} + m_{010}^{(10)}m_{012}^{(00)}m_{203}^{(11)}\\
&+6m_{010}^{(10)}m_{012}^{(00)}m_{122}^{(20)} - 3m_{010}^{(10)}m_{012}^{(00)}m_{023}^{(00)} + 2m_{010}^{(10)}m_{012}^{(10)}m_{311}^{(22)} - 4m_{010}^{(10)}m_{012}^{(10)}m_{212}^{(20)}\\
&+2m_{010}^{(10)}m_{012}^{(10)}m_{113}^{(00)} + 2m_{010}^{(10)}m_{012}^{(20)}m_{320}^{(22)} + 4m_{010}^{(10)}m_{012}^{(20)}m_{311}^{(21)} - 2m_{010}^{(10)}m_{012}^{(20)}m_{302}^{(11)}\\
&-8m_{010}^{(10)}m_{012}^{(20)}m_{221}^{(20)} + 4m_{010}^{(10)}m_{012}^{(20)}m_{122}^{(00)} - 2m_{010}^{(10)}m_{012}^{(21)}m_{410}^{(22)} + 4m_{010}^{(10)}m_{012}^{(21)}m_{311}^{(20)}\\
&-2m_{010}^{(10)}m_{012}^{(21)}m_{212}^{(00)} - 2m_{010}^{(10)}m_{012}^{(22)}m_{410}^{(21)} + m_{010}^{(10)}m_{012}^{(22)}m_{401}^{(11)} + 2m_{010}^{(10)}m_{012}^{(22)}m_{320}^{(20)}\\
&-m_{010}^{(10)}m_{012}^{(22)}m_{221}^{(00)} + 2m_{010}^{(10)}m_{003}^{(00)}m_{221}^{(21)} - m_{010}^{(10)}m_{003}^{(00)}m_{212}^{(11)} - 2m_{010}^{(10)}m_{003}^{(00)}m_{131}^{(20)}\\
&+m_{010}^{(10)}m_{003}^{(00)}m_{032}^{(00)} - 2m_{010}^{(10)}m_{003}^{(10)}m_{311}^{(21)} + m_{010}^{(10)}m_{003}^{(10)}m_{302}^{(11)} + 2m_{010}^{(10)}m_{003}^{(10)}m_{221}^{(20)}\\
&-m_{010}^{(10)}m_{003}^{(10)}m_{122}^{(00)} - 2m_{010}^{(10)}m_{003}^{(20)}m_{320}^{(21)} + m_{010}^{(10)}m_{003}^{(20)}m_{311}^{(11)} + 2m_{010}^{(10)}m_{003}^{(20)}m_{230}^{(20)}\\
&-m_{010}^{(10)}m_{003}^{(20)}m_{131}^{(00)} + 2m_{010}^{(10)}m_{003}^{(21)}m_{410}^{(21)} - m_{010}^{(10)}m_{003}^{(21)}m_{401}^{(11)} - 2m_{010}^{(10)}m_{003}^{(21)}m_{320}^{(20)}\\
&+m_{010}^{(10)}m_{003}^{(21)}m_{221}^{(00)} + m_{010}^{(11)}m_{300}^{(10)}m_{113}^{(22)} - m_{010}^{(11)}m_{300}^{(10)}m_{104}^{(21)} - m_{010}^{(11)}m_{300}^{(10)}m_{014}^{(20)}\\
&+m_{010}^{(11)}m_{300}^{(10)}m_{005}^{(10)} - m_{010}^{(11)}m_{300}^{(20)}m_{122}^{(22)} + m_{010}^{(11)}m_{300}^{(20)}m_{113}^{(21)} + m_{010}^{(11)}m_{300}^{(20)}m_{023}^{(20)}\\
&-m_{010}^{(11)}m_{300}^{(20)}m_{014}^{(10)} - m_{010}^{(11)}m_{300}^{(21)}m_{212}^{(22)} + m_{010}^{(11)}m_{300}^{(21)}m_{203}^{(21)} + m_{010}^{(11)}m_{300}^{(21)}m_{113}^{(20)}\\
&-m_{010}^{(11)}m_{300}^{(21)}m_{104}^{(10)} + m_{010}^{(11)}m_{300}^{(22)}m_{221}^{(22)} - m_{010}^{(11)}m_{300}^{(22)}m_{212}^{(21)} - m_{010}^{(11)}m_{300}^{(22)}m_{122}^{(20)}\\
&+m_{010}^{(11)}m_{300}^{(22)}m_{113}^{(10)} - m_{010}^{(11)}m_{210}^{(00)}m_{113}^{(22)} + m_{010}^{(11)}m_{210}^{(00)}m_{104}^{(21)} + m_{010}^{(11)}m_{210}^{(00)}m_{014}^{(20)}\\
&-m_{010}^{(11)}m_{210}^{(00)}m_{005}^{(10)} - m_{010}^{(11)}m_{210}^{(10)}m_{203}^{(22)} + 2m_{010}^{(11)}m_{210}^{(10)}m_{104}^{(20)} - m_{010}^{(11)}m_{210}^{(10)}m_{005}^{(00)}\\
&+3m_{010}^{(11)}m_{210}^{(20)}m_{212}^{(22)} - 2m_{010}^{(11)}m_{210}^{(20)}m_{203}^{(21)} - 4m_{010}^{(11)}m_{210}^{(20)}m_{113}^{(20)} + 2m_{010}^{(11)}m_{210}^{(20)}m_{104}^{(10)}\\
&+m_{010}^{(11)}m_{210}^{(20)}m_{014}^{(00)} + m_{010}^{(11)}m_{210}^{(21)}m_{302}^{(22)} - 2m_{010}^{(11)}m_{210}^{(21)}m_{203}^{(20)} + m_{010}^{(11)}m_{210}^{(21)}m_{104}^{(00)}\\
&-2m_{010}^{(11)}m_{210}^{(22)}m_{311}^{(22)} + m_{010}^{(11)}m_{210}^{(22)}m_{302}^{(21)} + 3m_{010}^{(11)}m_{210}^{(22)}m_{212}^{(20)} - m_{010}^{(11)}m_{210}^{(22)}m_{203}^{(10)}\\
&-m_{010}^{(11)}m_{210}^{(22)}m_{113}^{(00)} + m_{010}^{(11)}m_{201}^{(00)}m_{122}^{(22)} - m_{010}^{(11)}m_{201}^{(00)}m_{113}^{(21)} - m_{010}^{(11)}m_{201}^{(00)}m_{023}^{(20)}\\
&+m_{010}^{(11)}m_{201}^{(00)}m_{014}^{(10)} - 2m_{010}^{(11)}m_{201}^{(10)}m_{212}^{(22)} + 3m_{010}^{(11)}m_{201}^{(10)}m_{203}^{(21)} + m_{010}^{(11)}m_{201}^{(10)}m_{113}^{(20)}\\
&-3m_{010}^{(11)}m_{201}^{(10)}m_{104}^{(10)} + m_{010}^{(11)}m_{201}^{(10)}m_{014}^{(00)} - m_{010}^{(11)}m_{201}^{(20)}m_{212}^{(21)} + m_{010}^{(11)}m_{201}^{(20)}m_{122}^{(20)}\\
&+m_{010}^{(11)}m_{201}^{(20)}m_{113}^{(10)} - m_{010}^{(11)}m_{201}^{(20)}m_{023}^{(00)} + 2m_{010}^{(11)}m_{201}^{(21)}m_{311}^{(22)} - 3m_{010}^{(11)}m_{201}^{(21)}m_{302}^{(21)}\\
&-m_{010}^{(11)}m_{201}^{(21)}m_{212}^{(20)} + 3m_{010}^{(11)}m_{201}^{(21)}m_{203}^{(10)} - m_{010}^{(11)}m_{201}^{(21)}m_{113}^{(00)} - m_{010}^{(11)}m_{201}^{(22)}m_{320}^{(22)}\\
&+2m_{010}^{(11)}m_{201}^{(22)}m_{311}^{(21)} - 2m_{010}^{(11)}m_{201}^{(22)}m_{212}^{(10)} + m_{010}^{(11)}m_{201}^{(22)}m_{122}^{(00)} + m_{010}^{(11)}m_{120}^{(00)}m_{203}^{(22)}\\
&-2m_{010}^{(11)}m_{120}^{(00)}m_{104}^{(20)} + m_{010}^{(11)}m_{120}^{(00)}m_{005}^{(00)} - 2m_{010}^{(11)}m_{120}^{(20)}m_{302}^{(22)} + 4m_{010}^{(11)}m_{120}^{(20)}m_{203}^{(20)}
\end{aligned}
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\begin{aligned}
&-2m_{010}^{(11)}m_{120}^{(20)}m_{104}^{(00)} + m_{010}^{(11)}m_{120}^{(22)}m_{401}^{(22)} - 2m_{010}^{(11)}m_{120}^{(22)}m_{302}^{(20)} + m_{010}^{(11)}m_{120}^{(22)}m_{203}^{(00)}\\
&-2m_{010}^{(11)}m_{111}^{(00)}m_{203}^{(21)} + 2m_{010}^{(11)}m_{111}^{(00)}m_{113}^{(20)} + 2m_{010}^{(11)}m_{111}^{(00)}m_{104}^{(10)} - 2m_{010}^{(11)}m_{111}^{(00)}m_{014}^{(00)}\\
&+2m_{010}^{(11)}m_{111}^{(10)}m_{302}^{(22)} - 4m_{010}^{(11)}m_{111}^{(10)}m_{203}^{(20)} + 2m_{010}^{(11)}m_{111}^{(10)}m_{104}^{(00)} - 2m_{010}^{(11)}m_{111}^{(20)}m_{311}^{(22)}\\
&+4m_{010}^{(11)}m_{111}^{(20)}m_{302}^{(21)} - 4m_{010}^{(11)}m_{111}^{(20)}m_{203}^{(10)} + 2m_{010}^{(11)}m_{111}^{(20)}m_{113}^{(00)} - 2m_{010}^{(11)}m_{111}^{(21)}m_{401}^{(22)}\\
&+4m_{010}^{(11)}m_{111}^{(21)}m_{302}^{(20)} - 2m_{010}^{(11)}m_{111}^{(21)}m_{203}^{(00)} + 2m_{010}^{(11)}m_{111}^{(22)}m_{410}^{(22)} - 2m_{010}^{(11)}m_{111}^{(22)}m_{401}^{(21)}\\
&-2m_{010}^{(11)}m_{111}^{(22)}m_{311}^{(20)} + 2m_{010}^{(11)}m_{111}^{(22)}m_{302}^{(10)} - m_{010}^{(11)}m_{102}^{(00)}m_{221}^{(22)} + 2m_{010}^{(11)}m_{102}^{(00)}m_{212}^{(21)}\\
&-2m_{010}^{(11)}m_{102}^{(00)}m_{113}^{(10)} + m_{010}^{(11)}m_{102}^{(00)}m_{023}^{(00)} + m_{010}^{(11)}m_{102}^{(10)}m_{311}^{(22)} - 3m_{010}^{(11)}m_{102}^{(10)}m_{302}^{(21)}\\
&+m_{010}^{(11)}m_{102}^{(10)}m_{212}^{(20)} + 3m_{010}^{(11)}m_{102}^{(10)}m_{203}^{(10)} - 2m_{010}^{(11)}m_{102}^{(10)}m_{113}^{(00)} + m_{010}^{(11)}m_{102}^{(20)}m_{320}^{(22)}\\
&-m_{010}^{(11)}m_{102}^{(20)}m_{311}^{(21)} - m_{010}^{(11)}m_{102}^{(20)}m_{221}^{(20)} + m_{010}^{(11)}m_{102}^{(20)}m_{212}^{(10)} - m_{010}^{(11)}m_{102}^{(21)}m_{410}^{(22)}\\
&+3m_{010}^{(11)}m_{102}^{(21)}m_{401}^{(21)} - m_{010}^{(11)}m_{102}^{(21)}m_{311}^{(20)} - 3m_{010}^{(11)}m_{102}^{(21)}m_{302}^{(10)} + 2m_{010}^{(11)}m_{102}^{(21)}m_{212}^{(00)}\\
&-m_{010}^{(11)}m_{102}^{(22)}m_{410}^{(21)} + m_{010}^{(11)}m_{102}^{(22)}m_{320}^{(20)} + m_{010}^{(11)}m_{102}^{(22)}m_{311}^{(10)} - m_{010}^{(11)}m_{102}^{(22)}m_{221}^{(00)}\\
&-m_{010}^{(11)}m_{021}^{(00)}m_{302}^{(22)} + 2m_{010}^{(11)}m_{021}^{(00)}m_{203}^{(20)} - m_{010}^{(11)}m_{021}^{(00)}m_{104}^{(00)} + 2m_{010}^{(11)}m_{021}^{(20)}m_{401}^{(22)}\\
&-4m_{010}^{(11)}m_{021}^{(20)}m_{302}^{(20)} + 2m_{010}^{(11)}m_{021}^{(20)}m_{203}^{(00)} - m_{010}^{(11)}m_{021}^{(22)}m_{500}^{(22)} + 2m_{010}^{(11)}m_{021}^{(22)}m_{401}^{(20)}\\
&-m_{010}^{(11)}m_{021}^{(22)}m_{302}^{(00)} + m_{010}^{(11)}m_{012}^{(00)}m_{311}^{(22)} + m_{010}^{(11)}m_{012}^{(00)}m_{302}^{(21)} - 3m_{010}^{(11)}m_{012}^{(00)}m_{212}^{(20)}\\
&-m_{010}^{(11)}m_{012}^{(00)}m_{203}^{(10)} + 2m_{010}^{(11)}m_{012}^{(00)}m_{113}^{(00)} - m_{010}^{(11)}m_{012}^{(10)}m_{401}^{(22)} + 2m_{010}^{(11)}m_{012}^{(10)}m_{302}^{(20)}\\
&-m_{010}^{(11)}m_{012}^{(10)}m_{203}^{(00)} - m_{010}^{(11)}m_{012}^{(20)}m_{410}^{(22)} - 2m_{010}^{(11)}m_{012}^{(20)}m_{401}^{(21)} + 4m_{010}^{(11)}m_{012}^{(20)}m_{311}^{(20)}\\
&+2m_{010}^{(11)}m_{012}^{(20)}m_{302}^{(10)} - 3m_{010}^{(11)}m_{012}^{(20)}m_{212}^{(00)} + m_{010}^{(11)}m_{012}^{(21)}m_{500}^{(22)} - 2m_{010}^{(11)}m_{012}^{(21)}m_{401}^{(20)}\\
&+m_{010}^{(11)}m_{012}^{(21)}m_{302}^{(00)} + m_{010}^{(11)}m_{012}^{(22)}m_{500}^{(21)} - m_{010}^{(11)}m_{012}^{(22)}m_{410}^{(20)} - m_{010}^{(11)}m_{012}^{(22)}m_{401}^{(10)}\\
&+m_{010}^{(11)}m_{012}^{(22)}m_{311}^{(00)} - m_{010}^{(11)}m_{003}^{(00)}m_{311}^{(21)} + m_{010}^{(11)}m_{003}^{(00)}m_{221}^{(20)} + m_{010}^{(11)}m_{003}^{(00)}m_{212}^{(10)}\\
&-m_{010}^{(11)}m_{003}^{(00)}m_{122}^{(00)} + m_{010}^{(11)}m_{003}^{(10)}m_{401}^{(21)} - m_{010}^{(11)}m_{003}^{(10)}m_{311}^{(20)} - m_{010}^{(11)}m_{003}^{(10)}m_{302}^{(10)}\\
&+m_{010}^{(11)}m_{003}^{(10)}m_{212}^{(00)} + m_{010}^{(11)}m_{003}^{(20)}m_{410}^{(21)} - m_{010}^{(11)}m_{003}^{(20)}m_{320}^{(20)} - m_{010}^{(11)}m_{003}^{(20)}m_{311}^{(10)}\\
&+m_{010}^{(11)}m_{003}^{(20)}m_{221}^{(00)} - m_{010}^{(11)}m_{003}^{(21)}m_{500}^{(21)} + m_{010}^{(11)}m_{003}^{(21)}m_{410}^{(20)} + m_{010}^{(11)}m_{003}^{(21)}m_{401}^{(10)}\\
&-m_{010}^{(11)}m_{003}^{(21)}m_{311}^{(00)} + m_{010}^{(20)}m_{300}^{(10)}m_{032}^{(22)} - 2m_{010}^{(20)}m_{300}^{(10)}m_{023}^{(21)} + m_{010}^{(20)}m_{300}^{(10)}m_{014}^{(11)}\\
&-m_{010}^{(20)}m_{300}^{(20)}m_{041}^{(22)} + 2m_{010}^{(20)}m_{300}^{(20)}m_{032}^{(21)} - m_{010}^{(20)}m_{300}^{(20)}m_{023}^{(11)} - m_{010}^{(20)}m_{300}^{(21)}m_{131}^{(22)}\\
&+2m_{010}^{(20)}m_{300}^{(21)}m_{122}^{(21)} - m_{010}^{(20)}m_{300}^{(21)}m_{113}^{(11)} + m_{010}^{(20)}m_{300}^{(22)}m_{140}^{(22)} - 2m_{010}^{(20)}m_{300}^{(22)}m_{131}^{(21)}\\
&+m_{010}^{(20)}m_{300}^{(22)}m_{122}^{(11)} - m_{010}^{(20)}m_{210}^{(00)}m_{032}^{(22)} + 2m_{010}^{(20)}m_{210}^{(00)}m_{023}^{(21)} - m_{010}^{(20)}m_{210}^{(00)}m_{014}^{(11)}\\
&-2m_{010}^{(20)}m_{210}^{(10)}m_{122}^{(22)} + 4m_{010}^{(20)}m_{210}^{(10)}m_{113}^{(21)} - 2m_{010}^{(20)}m_{210}^{(10)}m_{104}^{(11)} + 4m_{010}^{(20)}m_{210}^{(20)}m_{131}^{(22)}\\
&-8m_{010}^{(20)}m_{210}^{(20)}m_{122}^{(21)} + 4m_{010}^{(20)}m_{210}^{(20)}m_{113}^{(11)} + 2m_{010}^{(20)}m_{210}^{(21)}m_{221}^{(22)} - 4m_{010}^{(20)}m_{210}^{(21)}m_{212}^{(21)}\\
&+2m_{010}^{(20)}m_{210}^{(21)}m_{203}^{(11)} - 3m_{010}^{(20)}m_{210}^{(22)}m_{230}^{(22)} + 6m_{010}^{(20)}m_{210}^{(22)}m_{221}^{(21)} - 3m_{010}^{(20)}m_{210}^{(22)}m_{212}^{(11)}\\
&+m_{010}^{(20)}m_{201}^{(00)}m_{041}^{(22)} - 2m_{010}^{(20)}m_{201}^{(00)}m_{032}^{(21)} + m_{010}^{(20)}m_{201}^{(00)}m_{023}^{(11)} - m_{010}^{(20)}m_{201}^{(10)}m_{131}^{(22)}\\
&+2m_{010}^{(20)}m_{201}^{(10)}m_{122}^{(21)} - m_{010}^{(20)}m_{201}^{(10)}m_{113}^{(11)} - m_{010}^{(20)}m_{201}^{(20)}m_{140}^{(22)} + 2m_{010}^{(20)}m_{201}^{(20)}m_{131}^{(21)}\\
&-m_{010}^{(20)}m_{201}^{(20)}m_{122}^{(11)} + m_{010}^{(20)}m_{201}^{(21)}m_{230}^{(22)} - 2m_{010}^{(20)}m_{201}^{(21)}m_{221}^{(21)} + m_{010}^{(20)}m_{201}^{(21)}m_{212}^{(11)}\\
&+2m_{010}^{(20)}m_{120}^{(00)}m_{122}^{(22)} - 4m_{010}^{(20)}m_{120}^{(00)}m_{113}^{(21)} + 2m_{010}^{(20)}m_{120}^{(00)}m_{104}^{(11)} + m_{010}^{(20)}m_{120}^{(10)}m_{212}^{(22)}\\
&-2m_{010}^{(20)}m_{120}^{(10)}m_{203}^{(21)} + 2m_{010}^{(20)}m_{120}^{(10)}m_{104}^{(10)} - m_{010}^{(20)}m_{120}^{(10)}m_{014}^{(00)} - 5m_{010}^{(20)}m_{120}^{(20)}m_{221}^{(22)}\\
&+10m_{010}^{(20)}m_{120}^{(20)}m_{212}^{(21)} - 4m_{010}^{(20)}m_{120}^{(20)}m_{203}^{(11)} - 2m_{010}^{(20)}m_{120}^{(20)}m_{113}^{(10)} + m_{010}^{(20)}m_{120}^{(20)}m_{023}^{(00)}\\
&-m_{010}^{(20)}m_{120}^{(21)}m_{311}^{(22)} + 2m_{010}^{(20)}m_{120}^{(21)}m_{302}^{(21)} - 2m_{010}^{(20)}m_{120}^{(21)}m_{203}^{(10)} + m_{010}^{(20)}m_{120}^{(21)}m_{113}^{(00)}\\
&+3m_{010}^{(20)}m_{120}^{(22)}m_{320}^{(22)} - 6m_{010}^{(20)}m_{120}^{(22)}m_{311}^{(21)} + 2m_{010}^{(20)}m_{120}^{(22)}m_{302}^{(11)} + 2m_{010}^{(20)}m_{120}^{(22)}m_{212}^{(10)}\\
&-m_{010}^{(20)}m_{120}^{(22)}m_{122}^{(00)} - 2m_{010}^{(20)}m_{111}^{(00)}m_{131}^{(22)} + 4m_{010}^{(20)}m_{111}^{(00)}m_{122}^{(21)} - 2m_{010}^{(20)}m_{111}^{(00)}m_{113}^{(11)}
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\begin{aligned}
&+2m_{010}^{(20)}m_{111}^{(10)}m_{221}^{(22)} - 4m_{010}^{(20)}m_{111}^{(10)}m_{212}^{(21)} + 4m_{010}^{(20)}m_{111}^{(10)}m_{203}^{(11)} - 4m_{010}^{(20)}m_{111}^{(10)}m_{113}^{(10)}\\
&+2m_{010}^{(20)}m_{111}^{(10)}m_{023}^{(00)} + 2m_{010}^{(20)}m_{111}^{(20)}m_{230}^{(22)} - 4m_{010}^{(20)}m_{111}^{(20)}m_{221}^{(21)} + 4m_{010}^{(20)}m_{111}^{(20)}m_{122}^{(10)}\\
&-2m_{010}^{(20)}m_{111}^{(20)}m_{032}^{(00)} - 2m_{010}^{(20)}m_{111}^{(21)}m_{320}^{(22)} + 4m_{010}^{(20)}m_{111}^{(21)}m_{311}^{(21)} - 4m_{010}^{(20)}m_{111}^{(21)}m_{302}^{(11)}\\
&+4m_{010}^{(20)}m_{111}^{(21)}m_{212}^{(10)} - 2m_{010}^{(20)}m_{111}^{(21)}m_{122}^{(00)} + 2m_{010}^{(20)}m_{111}^{(22)}m_{311}^{(11)} - 4m_{010}^{(20)}m_{111}^{(22)}m_{221}^{(10)}\\
&+2m_{010}^{(20)}m_{111}^{(22)}m_{131}^{(00)} - m_{010}^{(20)}m_{102}^{(10)}m_{212}^{(11)} + 2m_{010}^{(20)}m_{102}^{(10)}m_{122}^{(10)} - m_{010}^{(20)}m_{102}^{(10)}m_{032}^{(00)}\\
&+m_{010}^{(20)}m_{102}^{(20)}m_{221}^{(11)} - 2m_{010}^{(20)}m_{102}^{(20)}m_{131}^{(10)} + m_{010}^{(20)}m_{102}^{(20)}m_{041}^{(00)} + m_{010}^{(20)}m_{102}^{(21)}m_{311}^{(11)}\\
&-2m_{010}^{(20)}m_{102}^{(21)}m_{221}^{(10)} + m_{010}^{(20)}m_{102}^{(21)}m_{131}^{(00)} - m_{010}^{(20)}m_{102}^{(22)}m_{320}^{(11)} + 2m_{010}^{(20)}m_{102}^{(22)}m_{230}^{(10)}\\
&-m_{010}^{(20)}m_{102}^{(22)}m_{140}^{(00)} - m_{010}^{(20)}m_{030}^{(00)}m_{212}^{(22)} + 2m_{010}^{(20)}m_{030}^{(00)}m_{203}^{(21)} - 2m_{010}^{(20)}m_{030}^{(00)}m_{104}^{(10)}\\
&+m_{010}^{(20)}m_{030}^{(00)}m_{014}^{(00)} + 2m_{010}^{(20)}m_{030}^{(20)}m_{311}^{(22)} - 4m_{010}^{(20)}m_{030}^{(20)}m_{302}^{(21)} + 4m_{010}^{(20)}m_{030}^{(20)}m_{203}^{(10)}\\
&-2m_{010}^{(20)}m_{030}^{(20)}m_{113}^{(00)} - m_{010}^{(20)}m_{030}^{(22)}m_{410}^{(22)} + 2m_{010}^{(20)}m_{030}^{(22)}m_{401}^{(21)} - 2m_{010}^{(20)}m_{030}^{(22)}m_{302}^{(10)}\\
&+m_{010}^{(20)}m_{030}^{(22)}m_{212}^{(00)} + m_{010}^{(20)}m_{021}^{(00)}m_{221}^{(22)} - 2m_{010}^{(20)}m_{021}^{(00)}m_{212}^{(21)} - 2m_{010}^{(20)}m_{021}^{(00)}m_{203}^{(11)}\\
&+6m_{010}^{(20)}m_{021}^{(00)}m_{113}^{(10)} - 3m_{010}^{(20)}m_{021}^{(00)}m_{023}^{(00)} - m_{010}^{(20)}m_{021}^{(10)}m_{311}^{(22)} + 2m_{010}^{(20)}m_{021}^{(10)}m_{302}^{(21)}\\
&-2m_{010}^{(20)}m_{021}^{(10)}m_{203}^{(10)} + m_{010}^{(20)}m_{021}^{(10)}m_{113}^{(00)} - m_{010}^{(20)}m_{021}^{(20)}m_{320}^{(22)} + 2m_{010}^{(20)}m_{021}^{(20)}m_{311}^{(21)}\\
&+4m_{010}^{(20)}m_{021}^{(20)}m_{302}^{(11)} - 10m_{010}^{(20)}m_{021}^{(20)}m_{212}^{(10)} + 5m_{010}^{(20)}m_{021}^{(20)}m_{122}^{(00)} + m_{010}^{(20)}m_{021}^{(21)}m_{410}^{(22)}\\
&-2m_{010}^{(20)}m_{021}^{(21)}m_{401}^{(21)} + 2m_{010}^{(20)}m_{021}^{(21)}m_{302}^{(10)} - m_{010}^{(20)}m_{021}^{(21)}m_{212}^{(00)} - 2m_{010}^{(20)}m_{021}^{(22)}m_{401}^{(11)}\\
&+4m_{010}^{(20)}m_{021}^{(22)}m_{311}^{(10)} - 2m_{010}^{(20)}m_{021}^{(22)}m_{221}^{(00)} + 3m_{010}^{(20)}m_{012}^{(00)}m_{212}^{(11)} - 6m_{010}^{(20)}m_{012}^{(00)}m_{122}^{(10)}\\
&+3m_{010}^{(20)}m_{012}^{(00)}m_{032}^{(00)} - 2m_{010}^{(20)}m_{012}^{(10)}m_{302}^{(11)} + 4m_{010}^{(20)}m_{012}^{(10)}m_{212}^{(10)} - 2m_{010}^{(20)}m_{012}^{(10)}m_{122}^{(00)}\\
&-4m_{010}^{(20)}m_{012}^{(20)}m_{311}^{(11)} + 8m_{010}^{(20)}m_{012}^{(20)}m_{221}^{(10)} - 4m_{010}^{(20)}m_{012}^{(20)}m_{131}^{(00)} + 2m_{010}^{(20)}m_{012}^{(21)}m_{401}^{(11)}\\
&-4m_{010}^{(20)}m_{012}^{(21)}m_{311}^{(10)} + 2m_{010}^{(20)}m_{012}^{(21)}m_{221}^{(00)} + m_{010}^{(20)}m_{012}^{(22)}m_{410}^{(11)} - 2m_{010}^{(20)}m_{012}^{(22)}m_{320}^{(10)}\\
&+m_{010}^{(20)}m_{012}^{(22)}m_{230}^{(00)} - m_{010}^{(20)}m_{003}^{(00)}m_{221}^{(11)} + 2m_{010}^{(20)}m_{003}^{(00)}m_{131}^{(10)} - m_{010}^{(20)}m_{003}^{(00)}m_{041}^{(00)}\\
&+m_{010}^{(20)}m_{003}^{(10)}m_{311}^{(11)} - 2m_{010}^{(20)}m_{003}^{(10)}m_{221}^{(10)} + m_{010}^{(20)}m_{003}^{(10)}m_{131}^{(00)} + m_{010}^{(20)}m_{003}^{(20)}m_{320}^{(11)}\\
&-2m_{010}^{(20)}m_{003}^{(20)}m_{230}^{(10)} + m_{010}^{(20)}m_{003}^{(20)}m_{140}^{(00)} - m_{010}^{(20)}m_{003}^{(21)}m_{410}^{(11)} + 2m_{010}^{(20)}m_{003}^{(21)}m_{320}^{(10)}\\
&-m_{010}^{(20)}m_{003}^{(21)}m_{230}^{(00)} - m_{010}^{(21)}m_{300}^{(10)}m_{122}^{(22)} + m_{010}^{(21)}m_{300}^{(10)}m_{104}^{(11)} + 2m_{010}^{(21)}m_{300}^{(10)}m_{023}^{(20)}\\
&-2m_{010}^{(21)}m_{300}^{(10)}m_{014}^{(10)} + m_{010}^{(21)}m_{300}^{(20)}m_{131}^{(22)} - m_{010}^{(21)}m_{300}^{(20)}m_{113}^{(11)} - 2m_{010}^{(21)}m_{300}^{(20)}m_{032}^{(20)}\\
&+2m_{010}^{(21)}m_{300}^{(20)}m_{023}^{(10)} + m_{010}^{(21)}m_{300}^{(21)}m_{221}^{(22)} - m_{010}^{(21)}m_{300}^{(21)}m_{203}^{(11)} - 2m_{010}^{(21)}m_{300}^{(21)}m_{122}^{(20)}\\
&+2m_{010}^{(21)}m_{300}^{(21)}m_{113}^{(10)} - m_{010}^{(21)}m_{300}^{(22)}m_{230}^{(22)} + m_{010}^{(21)}m_{300}^{(22)}m_{212}^{(11)} + 2m_{010}^{(21)}m_{300}^{(22)}m_{131}^{(20)}\\
&-2m_{010}^{(21)}m_{300}^{(22)}m_{122}^{(10)} + m_{010}^{(21)}m_{210}^{(00)}m_{122}^{(22)} - m_{010}^{(21)}m_{210}^{(00)}m_{104}^{(11)} - 2m_{010}^{(21)}m_{210}^{(00)}m_{023}^{(20)}\\
&+2m_{010}^{(21)}m_{210}^{(00)}m_{014}^{(10)} + 2m_{010}^{(21)}m_{210}^{(10)}m_{212}^{(22)} - 4m_{010}^{(21)}m_{210}^{(10)}m_{113}^{(20)} + 2m_{010}^{(21)}m_{210}^{(10)}m_{014}^{(00)}\\
&-4m_{010}^{(21)}m_{210}^{(20)}m_{221}^{(22)} + 2m_{010}^{(21)}m_{210}^{(20)}m_{203}^{(11)} + 8m_{010}^{(21)}m_{210}^{(20)}m_{122}^{(20)} - 4m_{010}^{(21)}m_{210}^{(20)}m_{113}^{(10)}\\
&-2m_{010}^{(21)}m_{210}^{(20)}m_{023}^{(00)} - 2m_{010}^{(21)}m_{210}^{(21)}m_{311}^{(22)} + 4m_{010}^{(21)}m_{210}^{(21)}m_{212}^{(20)} - 2m_{010}^{(21)}m_{210}^{(21)}m_{113}^{(00)}\\
&+3m_{010}^{(21)}m_{210}^{(22)}m_{320}^{(22)} - m_{010}^{(21)}m_{210}^{(22)}m_{302}^{(11)} - 6m_{010}^{(21)}m_{210}^{(22)}m_{221}^{(20)} + 2m_{010}^{(21)}m_{210}^{(22)}m_{212}^{(10)}\\
&+2m_{010}^{(21)}m_{210}^{(22)}m_{122}^{(00)} - m_{010}^{(21)}m_{201}^{(00)}m_{131}^{(22)} + m_{010}^{(21)}m_{201}^{(00)}m_{113}^{(11)} + 2m_{010}^{(21)}m_{201}^{(00)}m_{032}^{(20)}\\
&-2m_{010}^{(21)}m_{201}^{(00)}m_{023}^{(10)} + m_{010}^{(21)}m_{201}^{(10)}m_{221}^{(22)} - 3m_{010}^{(21)}m_{201}^{(10)}m_{203}^{(11)} - 2m_{010}^{(21)}m_{201}^{(10)}m_{122}^{(20)}\\
&+6m_{010}^{(21)}m_{201}^{(10)}m_{113}^{(10)} - 2m_{010}^{(21)}m_{201}^{(10)}m_{023}^{(00)} + m_{010}^{(21)}m_{201}^{(20)}m_{230}^{(22)} + m_{010}^{(21)}m_{201}^{(20)}m_{212}^{(11)}\\
&-2m_{010}^{(21)}m_{201}^{(20)}m_{131}^{(20)} - 2m_{010}^{(21)}m_{201}^{(20)}m_{122}^{(10)} + 2m_{010}^{(21)}m_{201}^{(20)}m_{032}^{(00)} - m_{010}^{(21)}m_{201}^{(21)}m_{320}^{(22)}\\
&+3m_{010}^{(21)}m_{201}^{(21)}m_{302}^{(11)} + 2m_{010}^{(21)}m_{201}^{(21)}m_{221}^{(20)} - 6m_{010}^{(21)}m_{201}^{(21)}m_{212}^{(10)} + 2m_{010}^{(21)}m_{201}^{(21)}m_{122}^{(00)}\\
&-2m_{010}^{(21)}m_{201}^{(22)}m_{311}^{(11)} + 4m_{010}^{(21)}m_{201}^{(22)}m_{221}^{(10)} - 2m_{010}^{(21)}m_{201}^{(22)}m_{131}^{(00)} - 2m_{010}^{(21)}m_{120}^{(00)}m_{212}^{(22)}\\
&+4m_{010}^{(21)}m_{120}^{(00)}m_{113}^{(20)} - 2m_{010}^{(21)}m_{120}^{(00)}m_{014}^{(00)} - m_{010}^{(21)}m_{120}^{(10)}m_{302}^{(22)} + 2m_{010}^{(21)}m_{120}^{(10)}m_{203}^{(20)}
\end{aligned}
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\begin{aligned}
&-m_{010}^{(21)}m_{120}^{(10)}m_{104}^{(00)}+5m_{010}^{(21)}m_{120}^{(20)}m_{311}^{(22)}-10m_{010}^{(21)}m_{120}^{(20)}m_{212}^{(20)}+5m_{010}^{(21)}m_{120}^{(20)}m_{113}^{(00)}\\
&+m_{010}^{(21)}m_{120}^{(21)}m_{401}^{(22)}-2m_{010}^{(21)}m_{120}^{(21)}m_{302}^{(20)}+m_{010}^{(21)}m_{120}^{(21)}m_{203}^{(00)}-3m_{010}^{(21)}m_{120}^{(22)}m_{410}^{(22)}\\
&+6m_{010}^{(21)}m_{120}^{(22)}m_{311}^{(20)}-3m_{010}^{(21)}m_{120}^{(22)}m_{212}^{(00)}+2m_{010}^{(21)}m_{111}^{(00)}m_{221}^{(22)}+2m_{010}^{(21)}m_{111}^{(00)}m_{203}^{(11)}\\
&-4m_{010}^{(21)}m_{111}^{(00)}m_{122}^{(20)}-4m_{010}^{(21)}m_{111}^{(00)}m_{113}^{(10)}+4m_{010}^{(21)}m_{111}^{(00)}m_{023}^{(00)}-2m_{010}^{(21)}m_{111}^{(10)}m_{311}^{(22)}\\
&+4m_{010}^{(21)}m_{111}^{(10)}m_{212}^{(20)}-2m_{010}^{(21)}m_{111}^{(10)}m_{113}^{(00)}-2m_{010}^{(21)}m_{111}^{(20)}m_{320}^{(22)}-4m_{010}^{(21)}m_{111}^{(20)}m_{302}^{(11)}\\
&+4m_{010}^{(21)}m_{111}^{(20)}m_{221}^{(20)}+8m_{010}^{(21)}m_{111}^{(20)}m_{212}^{(10)}-6m_{010}^{(21)}m_{111}^{(20)}m_{122}^{(00)}+2m_{010}^{(21)}m_{111}^{(21)}m_{410}^{(22)}\\
&-4m_{010}^{(21)}m_{111}^{(21)}m_{311}^{(20)}+2m_{010}^{(21)}m_{111}^{(21)}m_{212}^{(00)}+2m_{010}^{(21)}m_{111}^{(22)}m_{401}^{(11)}-4m_{010}^{(21)}m_{111}^{(22)}m_{311}^{(10)}\\
&+2m_{010}^{(21)}m_{111}^{(22)}m_{221}^{(00)}-2m_{010}^{(21)}m_{102}^{(00)}m_{212}^{(11)}+4m_{010}^{(21)}m_{102}^{(00)}m_{122}^{(10)}-2m_{010}^{(21)}m_{102}^{(00)}m_{032}^{(00)}\\
&+3m_{010}^{(21)}m_{102}^{(10)}m_{302}^{(11)}-6m_{010}^{(21)}m_{102}^{(10)}m_{212}^{(10)}+3m_{010}^{(21)}m_{102}^{(10)}m_{122}^{(00)}+m_{010}^{(21)}m_{102}^{(20)}m_{311}^{(11)}\\
&-2m_{010}^{(21)}m_{102}^{(20)}m_{221}^{(10)}+m_{010}^{(21)}m_{102}^{(20)}m_{131}^{(00)}-3m_{010}^{(21)}m_{102}^{(21)}m_{401}^{(11)}+6m_{010}^{(21)}m_{102}^{(21)}m_{311}^{(10)}\\
&-3m_{010}^{(21)}m_{102}^{(21)}m_{221}^{(00)}+m_{010}^{(21)}m_{102}^{(22)}m_{410}^{(11)}-2m_{010}^{(21)}m_{102}^{(22)}m_{320}^{(10)}+m_{010}^{(21)}m_{102}^{(22)}m_{230}^{(00)}\\
&+m_{010}^{(21)}m_{030}^{(00)}m_{302}^{(22)}-2m_{010}^{(21)}m_{030}^{(00)}m_{203}^{(20)}+m_{010}^{(21)}m_{030}^{(00)}m_{104}^{(00)}-2m_{010}^{(21)}m_{030}^{(20)}m_{401}^{(22)}\\
&+4m_{010}^{(21)}m_{030}^{(20)}m_{302}^{(20)}-2m_{010}^{(21)}m_{030}^{(20)}m_{203}^{(00)}+m_{010}^{(21)}m_{030}^{(22)}m_{500}^{(22)}-2m_{010}^{(21)}m_{030}^{(22)}m_{401}^{(20)}\\
&+m_{010}^{(21)}m_{030}^{(22)}m_{302}^{(00)}-m_{010}^{(21)}m_{021}^{(00)}m_{311}^{(22)}+2m_{010}^{(21)}m_{021}^{(00)}m_{212}^{(20)}-m_{010}^{(21)}m_{021}^{(00)}m_{113}^{(00)}\\
&+m_{010}^{(21)}m_{021}^{(10)}m_{401}^{(22)}-2m_{010}^{(21)}m_{021}^{(10)}m_{302}^{(20)}+m_{010}^{(21)}m_{021}^{(10)}m_{203}^{(00)}+m_{010}^{(21)}m_{021}^{(20)}m_{410}^{(22)}\\
&-2m_{010}^{(21)}m_{021}^{(20)}m_{311}^{(20)}+m_{010}^{(21)}m_{021}^{(20)}m_{212}^{(00)}-m_{010}^{(21)}m_{021}^{(21)}m_{500}^{(22)}+2m_{010}^{(21)}m_{021}^{(21)}m_{401}^{(20)}\\
&-m_{010}^{(21)}m_{021}^{(21)}m_{302}^{(00)}-m_{010}^{(21)}m_{012}^{(00)}m_{302}^{(11)}+2m_{010}^{(21)}m_{012}^{(00)}m_{212}^{(10)}-m_{010}^{(21)}m_{012}^{(00)}m_{122}^{(00)}\\
&+2m_{010}^{(21)}m_{012}^{(20)}m_{401}^{(11)}-4m_{010}^{(21)}m_{012}^{(20)}m_{311}^{(10)}+2m_{010}^{(21)}m_{012}^{(20)}m_{221}^{(00)}-m_{010}^{(21)}m_{012}^{(22)}m_{500}^{(11)}\\
&+2m_{010}^{(21)}m_{012}^{(22)}m_{410}^{(10)}-m_{010}^{(21)}m_{012}^{(22)}m_{320}^{(00)}+m_{010}^{(21)}m_{003}^{(00)}m_{311}^{(11)}-2m_{010}^{(21)}m_{003}^{(00)}m_{221}^{(10)}\\
&+m_{010}^{(21)}m_{003}^{(00)}m_{131}^{(00)}-m_{010}^{(21)}m_{003}^{(10)}m_{401}^{(11)}+2m_{010}^{(21)}m_{003}^{(10)}m_{311}^{(10)}-m_{010}^{(21)}m_{003}^{(10)}m_{221}^{(00)}\\
&-m_{010}^{(21)}m_{003}^{(20)}m_{410}^{(11)}+2m_{010}^{(21)}m_{003}^{(20)}m_{320}^{(10)}-m_{010}^{(21)}m_{003}^{(20)}m_{230}^{(00)}+m_{010}^{(21)}m_{003}^{(21)}m_{500}^{(11)}\\
&-2m_{010}^{(21)}m_{003}^{(21)}m_{410}^{(10)}+m_{010}^{(21)}m_{003}^{(21)}m_{320}^{(00)}+m_{010}^{(22)}m_{300}^{(10)}m_{122}^{(21)}-m_{010}^{(22)}m_{300}^{(10)}m_{113}^{(11)}\\
&-m_{010}^{(22)}m_{300}^{(10)}m_{032}^{(20)}+m_{010}^{(22)}m_{300}^{(10)}m_{023}^{(10)}-m_{010}^{(22)}m_{300}^{(20)}m_{131}^{(21)}+m_{010}^{(22)}m_{300}^{(20)}m_{122}^{(11)}\\
&+m_{010}^{(22)}m_{300}^{(20)}m_{041}^{(20)}-m_{010}^{(22)}m_{300}^{(20)}m_{032}^{(10)}-m_{010}^{(22)}m_{300}^{(21)}m_{221}^{(21)}+m_{010}^{(22)}m_{300}^{(21)}m_{212}^{(11)}\\
&+m_{010}^{(22)}m_{300}^{(21)}m_{131}^{(20)}-m_{010}^{(22)}m_{300}^{(21)}m_{122}^{(10)}+m_{010}^{(22)}m_{300}^{(22)}m_{230}^{(21)}-m_{010}^{(22)}m_{300}^{(22)}m_{221}^{(11)}\\
&-m_{010}^{(22)}m_{300}^{(22)}m_{140}^{(20)}+m_{010}^{(22)}m_{300}^{(22)}m_{131}^{(10)}-m_{010}^{(22)}m_{210}^{(00)}m_{122}^{(21)}+m_{010}^{(22)}m_{210}^{(00)}m_{113}^{(11)}\\
&+m_{010}^{(22)}m_{210}^{(00)}m_{032}^{(20)}-m_{010}^{(22)}m_{210}^{(00)}m_{023}^{(10)}-2m_{010}^{(22)}m_{210}^{(10)}m_{212}^{(21)}+m_{010}^{(22)}m_{210}^{(10)}m_{203}^{(11)}\\
&+2m_{010}^{(22)}m_{210}^{(10)}m_{122}^{(20)}-m_{010}^{(22)}m_{210}^{(10)}m_{023}^{(00)}+4m_{010}^{(22)}m_{210}^{(20)}m_{221}^{(21)}-3m_{010}^{(22)}m_{210}^{(20)}m_{212}^{(11)}\\
&-4m_{010}^{(22)}m_{210}^{(20)}m_{131}^{(20)}+2m_{010}^{(22)}m_{210}^{(20)}m_{122}^{(10)}+m_{010}^{(22)}m_{210}^{(20)}m_{032}^{(00)}+2m_{010}^{(22)}m_{210}^{(21)}m_{131}^{(21)}\\
&-m_{010}^{(22)}m_{210}^{(21)}m_{302}^{(11)}-2m_{010}^{(22)}m_{210}^{(21)}m_{221}^{(20)}+m_{010}^{(22)}m_{210}^{(21)}m_{122}^{(00)}-3m_{010}^{(22)}m_{210}^{(22)}m_{320}^{(21)}\\
&+2m_{010}^{(22)}m_{210}^{(22)}m_{311}^{(11)}+3m_{010}^{(22)}m_{210}^{(22)}m_{230}^{(20)}-m_{010}^{(22)}m_{210}^{(22)}m_{221}^{(10)}-m_{010}^{(22)}m_{210}^{(22)}m_{131}^{(00)}\\
&+m_{010}^{(22)}m_{201}^{(00)}m_{131}^{(21)}-m_{010}^{(22)}m_{201}^{(00)}m_{122}^{(11)}-m_{010}^{(22)}m_{201}^{(00)}m_{041}^{(20)}+m_{010}^{(22)}m_{201}^{(00)}m_{032}^{(10)}\\
&-m_{010}^{(22)}m_{201}^{(10)}m_{221}^{(21)}+2m_{010}^{(22)}m_{201}^{(10)}m_{212}^{(11)}+m_{010}^{(22)}m_{201}^{(10)}m_{131}^{(20)}-3m_{010}^{(22)}m_{201}^{(10)}m_{122}^{(10)}\\
&+m_{010}^{(22)}m_{201}^{(10)}m_{032}^{(00)}-m_{010}^{(22)}m_{201}^{(20)}m_{230}^{(21)}+m_{010}^{(22)}m_{201}^{(20)}m_{140}^{(20)}+m_{010}^{(22)}m_{201}^{(20)}m_{131}^{(10)}\\
&-m_{010}^{(22)}m_{201}^{(20)}m_{041}^{(00)}+m_{010}^{(22)}m_{201}^{(21)}m_{320}^{(21)}-2m_{010}^{(22)}m_{201}^{(21)}m_{311}^{(11)}-m_{010}^{(22)}m_{201}^{(21)}m_{230}^{(20)}\\
&+3m_{010}^{(22)}m_{201}^{(21)}m_{221}^{(10)}-m_{010}^{(22)}m_{201}^{(21)}m_{131}^{(00)}+m_{010}^{(22)}m_{201}^{(22)}m_{320}^{(11)}-2m_{010}^{(22)}m_{201}^{(22)}m_{230}^{(10)}\\
&+m_{010}^{(22)}m_{201}^{(22)}m_{140}^{(00)}+2m_{010}^{(22)}m_{120}^{(00)}m_{212}^{(21)}-m_{010}^{(22)}m_{120}^{(00)}m_{203}^{(11)}-2m_{010}^{(22)}m_{120}^{(00)}m_{122}^{(20)}\\
&+m_{010}^{(22)}m_{120}^{(00)}m_{023}^{(00)}+m_{010}^{(22)}m_{120}^{(10)}m_{302}^{(21)}-m_{010}^{(22)}m_{120}^{(10)}m_{212}^{(20)}-m_{010}^{(22)}m_{120}^{(10)}m_{203}^{(10)}
\end{aligned}
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\begin{aligned}
&+m_{010}^{(22)}m_{120}^{(10)}m_{113}^{(00)} - 5m_{010}^{(22)}m_{120}^{(20)}m_{311}^{(21)} + 2m_{010}^{(22)}m_{120}^{(20)}m_{302}^{(11)} + 5m_{010}^{(22)}m_{120}^{(20)}m_{221}^{(20)}\\
&+m_{010}^{(22)}m_{120}^{(20)}m_{212}^{(10)} - 3m_{010}^{(22)}m_{120}^{(20)}m_{122}^{(00)} - m_{010}^{(22)}m_{120}^{(21)}m_{401}^{(21)} + m_{010}^{(22)}m_{120}^{(21)}m_{311}^{(20)}\\
&+m_{010}^{(22)}m_{120}^{(21)}m_{302}^{(10)} - m_{010}^{(22)}m_{120}^{(21)}m_{212}^{(00)} + 3m_{010}^{(22)}m_{120}^{(22)}m_{410}^{(21)} - m_{010}^{(22)}m_{120}^{(22)}m_{401}^{(11)}\\
&-3m_{010}^{(22)}m_{120}^{(22)}m_{320}^{(20)} - m_{010}^{(22)}m_{120}^{(22)}m_{311}^{(10)} + 2m_{010}^{(22)}m_{120}^{(22)}m_{221}^{(00)} - 2m_{010}^{(22)}m_{111}^{(00)}m_{221}^{(21)}\\
&+2m_{010}^{(22)}m_{111}^{(00)}m_{131}^{(20)} + 2m_{010}^{(22)}m_{111}^{(00)}m_{122}^{(10)} - 2m_{010}^{(22)}m_{111}^{(00)}m_{032}^{(00)} + 2m_{010}^{(22)}m_{111}^{(10)}m_{311}^{(21)}\\
&-2m_{010}^{(22)}m_{111}^{(10)}m_{302}^{(11)} - 2m_{010}^{(22)}m_{111}^{(10)}m_{221}^{(20)} + 2m_{010}^{(22)}m_{111}^{(10)}m_{212}^{(10)} + 2m_{010}^{(22)}m_{111}^{(20)}m_{320}^{(21)}\\
&+2m_{010}^{(22)}m_{111}^{(20)}m_{311}^{(11)} - 2m_{010}^{(22)}m_{111}^{(20)}m_{230}^{(20)} - 6m_{010}^{(22)}m_{111}^{(20)}m_{221}^{(10)} + 4m_{010}^{(22)}m_{111}^{(20)}m_{131}^{(00)}\\
&-2m_{010}^{(22)}m_{111}^{(21)}m_{410}^{(21)} + 2m_{010}^{(22)}m_{111}^{(21)}m_{401}^{(11)} + 2m_{010}^{(22)}m_{111}^{(21)}m_{320}^{(20)} - 2m_{010}^{(22)}m_{111}^{(21)}m_{311}^{(10)}\\
&-2m_{010}^{(22)}m_{111}^{(22)}m_{410}^{(11)} + 4m_{010}^{(22)}m_{111}^{(22)}m_{320}^{(10)} - 2m_{010}^{(22)}m_{111}^{(22)}m_{230}^{(00)} + m_{010}^{(22)}m_{102}^{(00)}m_{221}^{(11)}\\
&-2m_{010}^{(22)}m_{102}^{(00)}m_{131}^{(10)} + m_{010}^{(22)}m_{102}^{(00)}m_{041}^{(00)} - m_{010}^{(22)}m_{102}^{(10)}m_{311}^{(11)} + 2m_{010}^{(22)}m_{102}^{(10)}m_{221}^{(10)}\\
&-m_{010}^{(22)}m_{102}^{(10)}m_{131}^{(00)} - m_{010}^{(22)}m_{102}^{(20)}m_{320}^{(11)} + 2m_{010}^{(22)}m_{102}^{(20)}m_{230}^{(10)} - m_{010}^{(22)}m_{102}^{(20)}m_{140}^{(00)}\\
&+m_{010}^{(22)}m_{102}^{(21)}m_{410}^{(11)} - 2m_{010}^{(22)}m_{102}^{(21)}m_{320}^{(10)} + m_{010}^{(22)}m_{102}^{(21)}m_{230}^{(00)} - m_{010}^{(22)}m_{030}^{(00)}m_{302}^{(21)}\\
&+m_{010}^{(22)}m_{030}^{(00)}m_{212}^{(20)} + m_{010}^{(22)}m_{030}^{(00)}m_{203}^{(10)} - m_{010}^{(22)}m_{030}^{(00)}m_{113}^{(00)} + 2m_{010}^{(22)}m_{030}^{(20)}m_{401}^{(21)}\\
&-2m_{010}^{(22)}m_{030}^{(20)}m_{311}^{(20)} - 2m_{010}^{(22)}m_{030}^{(20)}m_{302}^{(10)} + 2m_{010}^{(22)}m_{030}^{(20)}m_{212}^{(00)} - m_{010}^{(22)}m_{030}^{(22)}m_{500}^{(21)}\\
&+m_{010}^{(22)}m_{030}^{(22)}m_{410}^{(20)} + m_{010}^{(22)}m_{030}^{(22)}m_{401}^{(10)} - m_{010}^{(22)}m_{030}^{(22)}m_{311}^{(00)} + m_{010}^{(22)}m_{021}^{(00)}m_{311}^{(21)}\\
&+m_{010}^{(22)}m_{021}^{(00)}m_{302}^{(11)} - m_{010}^{(22)}m_{021}^{(00)}m_{221}^{(20)} - 3m_{010}^{(22)}m_{021}^{(00)}m_{212}^{(10)} + 2m_{010}^{(22)}m_{021}^{(00)}m_{122}^{(00)}\\
&-m_{010}^{(22)}m_{021}^{(10)}m_{401}^{(21)} + m_{010}^{(22)}m_{021}^{(10)}m_{311}^{(20)} + m_{010}^{(22)}m_{021}^{(10)}m_{302}^{(10)} - m_{010}^{(22)}m_{021}^{(10)}m_{212}^{(00)}\\
&-m_{010}^{(22)}m_{021}^{(20)}m_{410}^{(21)} - 2m_{010}^{(22)}m_{021}^{(20)}m_{401}^{(11)} + m_{010}^{(22)}m_{021}^{(20)}m_{320}^{(20)} + 5m_{010}^{(22)}m_{021}^{(20)}m_{311}^{(10)}\\
&-3m_{010}^{(22)}m_{021}^{(20)}m_{221}^{(00)} + m_{010}^{(22)}m_{021}^{(21)}m_{500}^{(21)} - m_{010}^{(22)}m_{021}^{(21)}m_{410}^{(20)} - m_{010}^{(22)}m_{021}^{(21)}m_{401}^{(10)}\\
&+m_{010}^{(22)}m_{021}^{(21)}m_{311}^{(00)} + m_{010}^{(22)}m_{021}^{(22)}m_{500}^{(11)} - 2m_{010}^{(22)}m_{021}^{(22)}m_{410}^{(10)} + m_{010}^{(22)}m_{021}^{(22)}m_{320}^{(00)}\\
&-m_{010}^{(22)}m_{012}^{(00)}m_{311}^{(11)} + 2m_{010}^{(22)}m_{012}^{(00)}m_{221}^{(10)} - m_{010}^{(22)}m_{012}^{(00)}m_{131}^{(00)} + m_{010}^{(22)}m_{012}^{(10)}m_{401}^{(11)}\\
&-2m_{010}^{(22)}m_{012}^{(10)}m_{311}^{(10)} + m_{010}^{(22)}m_{012}^{(10)}m_{221}^{(00)} + m_{010}^{(22)}m_{012}^{(20)}m_{410}^{(11)} - 2m_{010}^{(22)}m_{012}^{(20)}m_{320}^{(10)}\\
&+m_{010}^{(22)}m_{012}^{(20)}m_{230}^{(00)} - m_{010}^{(22)}m_{012}^{(21)}m_{500}^{(11)} + 2m_{010}^{(22)}m_{012}^{(21)}m_{410}^{(10)} - m_{010}^{(22)}m_{012}^{(21)}m_{320}^{(00)}\\
&-m_{001}^{(00)}m_{210}^{(10)}m_{032}^{(22)} + 2m_{001}^{(00)}m_{210}^{(10)}m_{023}^{(21)} - m_{001}^{(00)}m_{210}^{(10)}m_{014}^{(11)} + m_{001}^{(00)}m_{210}^{(11)}m_{122}^{(22)}\\
&-2m_{001}^{(00)}m_{210}^{(11)}m_{113}^{(21)} + m_{001}^{(00)}m_{210}^{(11)}m_{104}^{(11)} + m_{001}^{(00)}m_{210}^{(20)}m_{041}^{(22)} - 2m_{001}^{(00)}m_{210}^{(20)}m_{032}^{(21)}\\
&+m_{001}^{(00)}m_{210}^{(20)}m_{023}^{(11)} - m_{001}^{(00)}m_{210}^{(21)}m_{131}^{(22)} + 2m_{001}^{(00)}m_{210}^{(21)}m_{122}^{(21)} - m_{001}^{(00)}m_{210}^{(21)}m_{113}^{(11)}\\
&+m_{001}^{(00)}m_{201}^{(10)}m_{041}^{(22)} - 2m_{001}^{(00)}m_{201}^{(10)}m_{032}^{(21)} + m_{001}^{(00)}m_{201}^{(10)}m_{023}^{(11)} - m_{001}^{(00)}m_{201}^{(11)}m_{131}^{(22)}\\
&+2m_{001}^{(00)}m_{201}^{(11)}m_{122}^{(21)} - m_{001}^{(00)}m_{201}^{(11)}m_{113}^{(11)} - m_{001}^{(00)}m_{201}^{(20)}m_{050}^{(22)} + 2m_{001}^{(00)}m_{201}^{(20)}m_{041}^{(21)}\\
&-m_{001}^{(00)}m_{201}^{(20)}m_{032}^{(11)} + m_{001}^{(00)}m_{201}^{(21)}m_{140}^{(22)} - 2m_{001}^{(00)}m_{201}^{(21)}m_{131}^{(21)} + m_{001}^{(00)}m_{201}^{(21)}m_{122}^{(11)}\\
&+m_{001}^{(00)}m_{120}^{(00)}m_{032}^{(22)} - 2m_{001}^{(00)}m_{120}^{(00)}m_{023}^{(21)} + m_{001}^{(00)}m_{120}^{(00)}m_{014}^{(11)} + m_{001}^{(00)}m_{120}^{(10)}m_{113}^{(21)}\\
&-m_{001}^{(00)}m_{120}^{(10)}m_{104}^{(11)} - m_{001}^{(00)}m_{120}^{(10)}m_{023}^{(20)} + m_{001}^{(00)}m_{120}^{(10)}m_{014}^{(10)} - m_{001}^{(00)}m_{120}^{(11)}m_{212}^{(22)}\\
&+m_{001}^{(00)}m_{120}^{(11)}m_{203}^{(21)} + m_{001}^{(00)}m_{120}^{(11)}m_{113}^{(20)} - m_{001}^{(00)}m_{120}^{(11)}m_{104}^{(10)} - 2m_{001}^{(00)}m_{120}^{(20)}m_{131}^{(22)}\\
&+3m_{001}^{(00)}m_{120}^{(20)}m_{122}^{(21)} - m_{001}^{(00)}m_{120}^{(20)}m_{113}^{(11)} + m_{001}^{(00)}m_{120}^{(20)}m_{032}^{(20)} - m_{001}^{(00)}m_{120}^{(20)}m_{023}^{(10)}\\
&+2m_{001}^{(00)}m_{120}^{(21)}m_{221}^{(22)} - 3m_{001}^{(00)}m_{120}^{(21)}m_{212}^{(21)} + m_{001}^{(00)}m_{120}^{(21)}m_{203}^{(11)} - m_{001}^{(00)}m_{120}^{(21)}m_{122}^{(20)}\\
&+m_{001}^{(00)}m_{120}^{(21)}m_{113}^{(10)} - 2m_{001}^{(00)}m_{111}^{(00)}m_{041}^{(22)} + 4m_{001}^{(00)}m_{111}^{(00)}m_{032}^{(21)} - 2m_{001}^{(00)}m_{111}^{(00)}m_{023}^{(11)}\\
&+2m_{001}^{(00)}m_{111}^{(10)}m_{131}^{(22)} - 6m_{001}^{(00)}m_{111}^{(10)}m_{122}^{(21)} + 4m_{001}^{(00)}m_{111}^{(10)}m_{113}^{(11)} + 2m_{001}^{(00)}m_{111}^{(10)}m_{032}^{(20)}\\
&-2m_{001}^{(00)}m_{111}^{(10)}m_{023}^{(10)} + 2m_{001}^{(00)}m_{111}^{(11)}m_{212}^{(21)} - 2m_{001}^{(00)}m_{111}^{(11)}m_{203}^{(11)} - 2m_{001}^{(00)}m_{111}^{(11)}m_{122}^{(20)}\\
&+2m_{001}^{(00)}m_{111}^{(11)}m_{113}^{(10)} + 2m_{001}^{(00)}m_{111}^{(20)}m_{140}^{(22)} - 2m_{001}^{(00)}m_{111}^{(20)}m_{131}^{(21)} - 2m_{001}^{(00)}m_{111}^{(20)}m_{041}^{(20)}
\end{aligned}
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$$+2m_{001}^{(00)}m_{111}^{(20)}m_{032}^{(10)} - 2m_{001}^{(00)}m_{111}^{(21)}m_{230}^{(22)} + 2m_{001}^{(00)}m_{111}^{(21)}m_{221}^{(21)} + 2m_{001}^{(00)}m_{111}^{(21)}m_{131}^{(20)}$$
$$-2m_{001}^{(00)}m_{111}^{(21)}m_{122}^{(10)} + m_{001}^{(00)}m_{102}^{(00)}m_{050}^{(22)} - 2m_{001}^{(00)}m_{102}^{(00)}m_{041}^{(21)} + m_{001}^{(00)}m_{102}^{(00)}m_{032}^{(11)}$$
$$-2m_{001}^{(00)}m_{102}^{(10)}m_{140}^{(22)} + 5m_{001}^{(00)}m_{102}^{(10)}m_{131}^{(21)} - 3m_{001}^{(00)}m_{102}^{(10)}m_{122}^{(11)} - m_{001}^{(00)}m_{102}^{(10)}m_{041}^{(20)}$$
$$+m_{001}^{(00)}m_{102}^{(10)}m_{032}^{(10)} + m_{001}^{(00)}m_{102}^{(11)}m_{230}^{(22)} - 3m_{001}^{(00)}m_{102}^{(11)}m_{221}^{(21)} + 2m_{001}^{(00)}m_{102}^{(11)}m_{212}^{(11)}$$
$$+m_{001}^{(00)}m_{102}^{(11)}m_{131}^{(20)} - m_{001}^{(00)}m_{102}^{(11)}m_{122}^{(10)} - m_{001}^{(00)}m_{102}^{(20)}m_{140}^{(21)} + m_{001}^{(00)}m_{102}^{(20)}m_{131}^{(11)}$$
$$+m_{001}^{(00)}m_{102}^{(20)}m_{050}^{(20)} - m_{001}^{(00)}m_{102}^{(20)}m_{041}^{(10)} + m_{001}^{(00)}m_{102}^{(21)}m_{230}^{(21)} - m_{001}^{(00)}m_{102}^{(21)}m_{221}^{(11)}$$
$$-m_{001}^{(00)}m_{102}^{(21)}m_{140}^{(20)} + m_{001}^{(00)}m_{102}^{(21)}m_{131}^{(10)} - m_{001}^{(00)}m_{030}^{(00)}m_{122}^{(22)} + m_{001}^{(00)}m_{030}^{(00)}m_{113}^{(21)}$$
$$+m_{001}^{(00)}m_{030}^{(00)}m_{023}^{(20)} - m_{001}^{(00)}m_{030}^{(00)}m_{014}^{(10)} + m_{001}^{(00)}m_{030}^{(10)}m_{212}^{(22)} - m_{001}^{(00)}m_{030}^{(10)}m_{203}^{(21)}$$
$$-m_{001}^{(00)}m_{030}^{(10)}m_{113}^{(20)} + m_{001}^{(00)}m_{030}^{(10)}m_{104}^{(10)} + m_{001}^{(00)}m_{030}^{(20)}m_{221}^{(22)} - m_{001}^{(00)}m_{030}^{(20)}m_{212}^{(21)}$$
$$-m_{001}^{(00)}m_{030}^{(20)}m_{122}^{(20)} + m_{001}^{(00)}m_{030}^{(20)}m_{113}^{(10)} - m_{001}^{(00)}m_{030}^{(21)}m_{311}^{(22)} + m_{001}^{(00)}m_{030}^{(21)}m_{302}^{(21)}$$
$$+m_{001}^{(00)}m_{030}^{(21)}m_{212}^{(20)} - m_{001}^{(00)}m_{030}^{(21)}m_{203}^{(10)} + 2m_{001}^{(00)}m_{021}^{(00)}m_{131}^{(22)} - m_{001}^{(00)}m_{021}^{(00)}m_{122}^{(21)}$$
$$-m_{001}^{(00)}m_{021}^{(00)}m_{113}^{(11)} - 3m_{001}^{(00)}m_{021}^{(00)}m_{032}^{(20)} + 3m_{001}^{(00)}m_{021}^{(00)}m_{023}^{(10)} - 3m_{001}^{(00)}m_{021}^{(10)}m_{221}^{(22)}$$
$$+2m_{001}^{(00)}m_{021}^{(10)}m_{212}^{(21)} + m_{001}^{(00)}m_{021}^{(10)}m_{203}^{(11)} + 4m_{001}^{(00)}m_{021}^{(10)}m_{122}^{(20)} - 4m_{001}^{(00)}m_{021}^{(10)}m_{113}^{(10)}$$
$$+m_{001}^{(00)}m_{021}^{(11)}m_{311}^{(22)} - m_{001}^{(00)}m_{021}^{(11)}m_{302}^{(21)} - m_{001}^{(00)}m_{021}^{(11)}m_{212}^{(20)} + m_{001}^{(00)}m_{021}^{(11)}m_{203}^{(10)}$$
$$-m_{001}^{(00)}m_{021}^{(20)}m_{230}^{(22)} + m_{001}^{(00)}m_{021}^{(20)}m_{212}^{(11)} + 2m_{001}^{(00)}m_{021}^{(20)}m_{131}^{(20)} - 2m_{001}^{(00)}m_{021}^{(20)}m_{122}^{(10)}$$
$$+m_{001}^{(00)}m_{021}^{(21)}m_{320}^{(22)} - m_{001}^{(00)}m_{021}^{(21)}m_{302}^{(11)} - 2m_{001}^{(00)}m_{021}^{(21)}m_{221}^{(20)} + 2m_{001}^{(00)}m_{021}^{(21)}m_{212}^{(10)}$$
$$-m_{001}^{(00)}m_{012}^{(00)}m_{140}^{(22)} - m_{001}^{(00)}m_{012}^{(00)}m_{131}^{(21)} + 2m_{001}^{(00)}m_{012}^{(00)}m_{122}^{(11)} + 3m_{001}^{(00)}m_{012}^{(00)}m_{041}^{(20)}$$
$$-3m_{001}^{(00)}m_{012}^{(00)}m_{032}^{(10)} + 2m_{001}^{(00)}m_{012}^{(10)}m_{230}^{(22)} + m_{001}^{(00)}m_{012}^{(10)}m_{221}^{(21)} - 3m_{001}^{(00)}m_{012}^{(10)}m_{212}^{(11)}$$
$$-5m_{001}^{(00)}m_{012}^{(10)}m_{131}^{(20)} + 5m_{001}^{(00)}m_{012}^{(10)}m_{122}^{(10)} - m_{001}^{(00)}m_{012}^{(11)}m_{320}^{(22)} + m_{001}^{(00)}m_{012}^{(11)}m_{302}^{(11)}$$
$$+2m_{001}^{(00)}m_{012}^{(11)}m_{221}^{(20)} - 2m_{001}^{(00)}m_{012}^{(11)}m_{212}^{(10)} + m_{001}^{(00)}m_{012}^{(20)}m_{230}^{(21)} - m_{001}^{(00)}m_{012}^{(20)}m_{221}^{(11)}$$
$$-m_{001}^{(00)}m_{012}^{(20)}m_{140}^{(20)} + m_{001}^{(00)}m_{012}^{(20)}m_{131}^{(10)} - m_{001}^{(00)}m_{012}^{(21)}m_{320}^{(21)} + m_{001}^{(00)}m_{012}^{(21)}m_{311}^{(11)}$$
$$+m_{001}^{(00)}m_{012}^{(21)}m_{230}^{(20)} - m_{001}^{(00)}m_{012}^{(21)}m_{221}^{(10)} + m_{001}^{(00)}m_{003}^{(00)}m_{140}^{(21)} - m_{001}^{(00)}m_{003}^{(00)}m_{131}^{(11)}$$
$$-m_{001}^{(00)}m_{003}^{(00)}m_{050}^{(20)} + m_{001}^{(00)}m_{003}^{(00)}m_{041}^{(10)} - 2m_{001}^{(00)}m_{003}^{(10)}m_{230}^{(21)} + 2m_{001}^{(00)}m_{003}^{(10)}m_{221}^{(11)}$$
$$+2m_{001}^{(00)}m_{003}^{(10)}m_{140}^{(20)} - 2m_{001}^{(00)}m_{003}^{(10)}m_{131}^{(10)} + m_{001}^{(00)}m_{003}^{(11)}m_{320}^{(21)} - m_{001}^{(00)}m_{003}^{(11)}m_{311}^{(11)}$$
$$-m_{001}^{(00)}m_{003}^{(11)}m_{230}^{(20)} + m_{001}^{(00)}m_{003}^{(11)}m_{221}^{(10)} + m_{001}^{(10)}m_{300}^{(10)}m_{032}^{(22)} - 2m_{001}^{(10)}m_{300}^{(10)}m_{023}^{(21)}$$
$$+m_{001}^{(10)}m_{300}^{(10)}m_{014}^{(11)} - m_{001}^{(10)}m_{300}^{(11)}m_{122}^{(22)} + 2m_{001}^{(10)}m_{300}^{(11)}m_{113}^{(21)} - m_{001}^{(10)}m_{300}^{(11)}m_{104}^{(11)}$$
$$-m_{001}^{(10)}m_{300}^{(20)}m_{041}^{(22)} + 2m_{001}^{(10)}m_{300}^{(20)}m_{032}^{(21)} - m_{001}^{(10)}m_{300}^{(20)}m_{023}^{(11)} + m_{001}^{(10)}m_{300}^{(21)}m_{131}^{(22)}$$
$$-2m_{001}^{(10)}m_{300}^{(21)}m_{122}^{(21)} + m_{001}^{(10)}m_{300}^{(21)}m_{113}^{(11)} - m_{001}^{(10)}m_{210}^{(00)}m_{032}^{(22)} + 2m_{001}^{(10)}m_{210}^{(00)}m_{023}^{(21)}$$
$$-m_{001}^{(10)}m_{210}^{(00)}m_{014}^{(11)} + m_{001}^{(10)}m_{210}^{(10)}m_{122}^{(22)} - 2m_{001}^{(10)}m_{210}^{(10)}m_{113}^{(21)} + m_{001}^{(10)}m_{210}^{(10)}m_{104}^{(11)}$$
$$+m_{001}^{(10)}m_{210}^{(20)}m_{131}^{(22)} - 2m_{001}^{(10)}m_{210}^{(20)}m_{122}^{(21)} + m_{001}^{(10)}m_{210}^{(20)}m_{113}^{(11)} - m_{001}^{(10)}m_{210}^{(21)}m_{221}^{(22)}$$
$$+2m_{001}^{(10)}m_{210}^{(21)}m_{212}^{(21)} - m_{001}^{(10)}m_{210}^{(21)}m_{203}^{(11)} + m_{001}^{(10)}m_{201}^{(00)}m_{041}^{(22)} - 2m_{001}^{(10)}m_{201}^{(00)}m_{032}^{(21)}$$
$$+m_{001}^{(10)}m_{201}^{(00)}m_{023}^{(11)} - 4m_{001}^{(10)}m_{201}^{(10)}m_{131}^{(22)} + 8m_{001}^{(10)}m_{201}^{(10)}m_{122}^{(21)} - 4m_{001}^{(10)}m_{201}^{(10)}m_{113}^{(11)}$$
$$+3m_{001}^{(10)}m_{201}^{(11)}m_{221}^{(22)} - 6m_{001}^{(10)}m_{201}^{(11)}m_{212}^{(21)} + 3m_{001}^{(10)}m_{201}^{(11)}m_{203}^{(11)} + 2m_{001}^{(10)}m_{201}^{(20)}m_{140}^{(22)}$$
$$-4m_{001}^{(10)}m_{201}^{(20)}m_{131}^{(21)} + 2m_{001}^{(10)}m_{201}^{(20)}m_{122}^{(11)} - 2m_{001}^{(10)}m_{201}^{(21)}m_{230}^{(22)} + 4m_{001}^{(10)}m_{201}^{(21)}m_{221}^{(21)}$$
$$-2m_{001}^{(10)}m_{201}^{(21)}m_{212}^{(11)} - m_{001}^{(10)}m_{120}^{(10)}m_{212}^{(22)} + 2m_{001}^{(10)}m_{120}^{(10)}m_{113}^{(20)} - m_{001}^{(10)}m_{120}^{(10)}m_{014}^{(00)}$$
$$+m_{001}^{(10)}m_{120}^{(11)}m_{302}^{(22)} - 2m_{001}^{(10)}m_{120}^{(11)}m_{203}^{(20)} + m_{001}^{(10)}m_{120}^{(11)}m_{104}^{(00)} + m_{001}^{(10)}m_{120}^{(20)}m_{221}^{(22)}$$
$$-2m_{001}^{(10)}m_{120}^{(20)}m_{122}^{(20)} + m_{001}^{(10)}m_{120}^{(20)}m_{023}^{(00)} - m_{001}^{(10)}m_{120}^{(21)}m_{311}^{(22)} + 2m_{001}^{(10)}m_{120}^{(21)}m_{212}^{(20)}$$
$$-m_{001}^{(10)}m_{120}^{(21)}m_{113}^{(00)} + 2m_{001}^{(10)}m_{111}^{(00)}m_{131}^{(22)} - 4m_{001}^{(10)}m_{111}^{(00)}m_{122}^{(21)} + 2m_{001}^{(10)}m_{111}^{(00)}m_{113}^{(11)}$$

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\begin{aligned}
&+4m_{001}^{(10)}m_{111}^{(10)}m_{212}^{(21)} - 2m_{001}^{(10)}m_{111}^{(10)}m_{203}^{(11)} - 4m_{001}^{(10)}m_{111}^{(10)}m_{122}^{(20)} + 2m_{001}^{(10)}m_{111}^{(10)}m_{023}^{(00)}\\
&-2m_{001}^{(10)}m_{111}^{(11)}m_{311}^{(22)} + 4m_{001}^{(10)}m_{111}^{(11)}m_{212}^{(20)} - 2m_{001}^{(10)}m_{111}^{(11)}m_{113}^{(00)} - 4m_{001}^{(10)}m_{111}^{(20)}m_{230}^{(22)}\\
&+4m_{001}^{(10)}m_{111}^{(20)}m_{221}^{(21)} - 2m_{001}^{(10)}m_{111}^{(20)}m_{212}^{(11)} + 4m_{001}^{(10)}m_{111}^{(20)}m_{131}^{(20)} - 2m_{001}^{(10)}m_{111}^{(20)}m_{032}^{(00)}\\
&+4m_{001}^{(10)}m_{111}^{(21)}m_{320}^{(22)} - 4m_{001}^{(10)}m_{111}^{(21)}m_{311}^{(21)} + 2m_{001}^{(10)}m_{111}^{(21)}m_{302}^{(11)} - 4m_{001}^{(10)}m_{111}^{(21)}m_{221}^{(20)}\\
&+2m_{001}^{(10)}m_{111}^{(21)}m_{122}^{(00)} - 2m_{001}^{(10)}m_{102}^{(00)}m_{140}^{(22)} + 4m_{001}^{(10)}m_{102}^{(00)}m_{131}^{(21)} - 2m_{001}^{(10)}m_{102}^{(00)}m_{122}^{(11)}\\
&+4m_{001}^{(10)}m_{102}^{(10)}m_{230}^{(22)} - 10m_{001}^{(10)}m_{102}^{(10)}m_{221}^{(21)} + 5m_{001}^{(10)}m_{102}^{(10)}m_{212}^{(11)} + 2m_{001}^{(10)}m_{102}^{(10)}m_{131}^{(20)}\\
&-m_{001}^{(10)}m_{102}^{(10)}m_{032}^{(00)} - 2m_{001}^{(10)}m_{102}^{(11)}m_{320}^{(22)} + 6m_{001}^{(10)}m_{102}^{(11)}m_{311}^{(21)} - 3m_{001}^{(10)}m_{102}^{(11)}m_{302}^{(11)}\\
&-2m_{001}^{(10)}m_{102}^{(11)}m_{221}^{(20)} + m_{001}^{(10)}m_{102}^{(11)}m_{122}^{(00)} + 2m_{001}^{(10)}m_{102}^{(20)}m_{230}^{(21)} - m_{001}^{(10)}m_{102}^{(20)}m_{221}^{(11)}\\
&-2m_{001}^{(10)}m_{102}^{(20)}m_{140}^{(20)} + m_{001}^{(10)}m_{102}^{(20)}m_{041}^{(00)} - 2m_{001}^{(10)}m_{102}^{(21)}m_{320}^{(21)} + m_{001}^{(10)}m_{102}^{(21)}m_{311}^{(11)}\\
&+2m_{001}^{(10)}m_{102}^{(21)}m_{230}^{(20)} - m_{001}^{(10)}m_{102}^{(21)}m_{131}^{(00)} + m_{001}^{(10)}m_{030}^{(00)}m_{212}^{(22)} - 2m_{001}^{(10)}m_{030}^{(00)}m_{113}^{(20)}\\
&+m_{001}^{(10)}m_{030}^{(00)}m_{014}^{(00)} - m_{001}^{(10)}m_{030}^{(10)}m_{302}^{(22)} + 2m_{001}^{(10)}m_{030}^{(10)}m_{203}^{(20)} - m_{001}^{(10)}m_{030}^{(10)}m_{104}^{(00)}\\
&-m_{001}^{(10)}m_{030}^{(20)}m_{311}^{(22)} + 2m_{001}^{(10)}m_{030}^{(20)}m_{212}^{(20)} - m_{001}^{(10)}m_{030}^{(20)}m_{113}^{(00)} + m_{001}^{(10)}m_{030}^{(21)}m_{401}^{(22)}\\
&-2m_{001}^{(10)}m_{030}^{(21)}m_{302}^{(20)} + m_{001}^{(10)}m_{030}^{(21)}m_{203}^{(00)} - 3m_{001}^{(10)}m_{021}^{(00)}m_{221}^{(22)} + 6m_{001}^{(10)}m_{021}^{(00)}m_{122}^{(20)}\\
&-3m_{001}^{(10)}m_{021}^{(00)}m_{023}^{(00)} + 4m_{001}^{(10)}m_{021}^{(10)}m_{311}^{(22)} - 8m_{001}^{(10)}m_{021}^{(10)}m_{212}^{(20)} + 4m_{001}^{(10)}m_{021}^{(10)}m_{113}^{(00)}\\
&-m_{001}^{(10)}m_{021}^{(11)}m_{401}^{(22)} + 2m_{001}^{(10)}m_{021}^{(11)}m_{302}^{(20)} - m_{001}^{(10)}m_{021}^{(11)}m_{203}^{(00)} + 2m_{001}^{(10)}m_{021}^{(20)}m_{320}^{(22)}\\
&-4m_{001}^{(10)}m_{021}^{(20)}m_{221}^{(20)} + 2m_{001}^{(10)}m_{021}^{(20)}m_{122}^{(00)} - 2m_{001}^{(10)}m_{021}^{(21)}m_{410}^{(22)} + 4m_{001}^{(10)}m_{021}^{(21)}m_{311}^{(20)}\\
&-2m_{001}^{(10)}m_{021}^{(21)}m_{212}^{(00)} + 2m_{001}^{(10)}m_{012}^{(00)}m_{230}^{(22)} + 2m_{001}^{(10)}m_{012}^{(00)}m_{221}^{(21)} - m_{001}^{(10)}m_{012}^{(00)}m_{212}^{(11)}\\
&-6m_{001}^{(10)}m_{012}^{(00)}m_{131}^{(20)} + 3m_{001}^{(10)}m_{012}^{(00)}m_{032}^{(00)} - 4m_{001}^{(10)}m_{012}^{(10)}m_{320}^{(22)} - 2m_{001}^{(10)}m_{012}^{(10)}m_{311}^{(21)}\\
&+m_{001}^{(10)}m_{012}^{(10)}m_{302}^{(11)} + 10m_{001}^{(10)}m_{012}^{(10)}m_{221}^{(20)} - 5m_{001}^{(10)}m_{012}^{(10)}m_{122}^{(00)} + 2m_{001}^{(10)}m_{012}^{(11)}m_{410}^{(22)}\\
&-4m_{001}^{(10)}m_{012}^{(11)}m_{311}^{(20)} + 2m_{001}^{(10)}m_{012}^{(11)}m_{212}^{(00)} - 2m_{001}^{(10)}m_{012}^{(20)}m_{320}^{(21)} + m_{001}^{(10)}m_{012}^{(20)}m_{311}^{(11)}\\
&+2m_{001}^{(10)}m_{012}^{(20)}m_{230}^{(20)} - m_{001}^{(10)}m_{012}^{(20)}m_{131}^{(00)} + 2m_{001}^{(10)}m_{012}^{(21)}m_{410}^{(21)} - m_{001}^{(10)}m_{012}^{(21)}m_{401}^{(11)}\\
&-2m_{001}^{(10)}m_{012}^{(21)}m_{320}^{(20)} + m_{001}^{(10)}m_{012}^{(21)}m_{221}^{(00)} - 2m_{001}^{(10)}m_{003}^{(00)}m_{230}^{(21)} + m_{001}^{(10)}m_{003}^{(00)}m_{221}^{(11)}\\
&+2m_{001}^{(10)}m_{003}^{(00)}m_{140}^{(20)} - m_{001}^{(10)}m_{003}^{(00)}m_{041}^{(00)} + 4m_{001}^{(10)}m_{003}^{(10)}m_{320}^{(21)} - 2m_{001}^{(10)}m_{003}^{(10)}m_{311}^{(11)}\\
&-4m_{001}^{(10)}m_{003}^{(10)}m_{230}^{(20)} + 2m_{001}^{(10)}m_{003}^{(10)}m_{131}^{(00)} - 2m_{001}^{(10)}m_{003}^{(11)}m_{410}^{(21)} + m_{001}^{(10)}m_{003}^{(11)}m_{401}^{(11)}\\
&+2m_{001}^{(10)}m_{003}^{(11)}m_{320}^{(20)} - m_{001}^{(10)}m_{003}^{(11)}m_{221}^{(00)} - m_{001}^{(11)}m_{300}^{(10)}m_{122}^{(22)} + m_{001}^{(11)}m_{300}^{(10)}m_{113}^{(21)}\\
&+m_{001}^{(11)}m_{300}^{(10)}m_{023}^{(20)} - m_{001}^{(11)}m_{300}^{(10)}m_{014}^{(10)} + m_{001}^{(11)}m_{300}^{(11)}m_{212}^{(22)} - m_{001}^{(11)}m_{300}^{(11)}m_{203}^{(21)}\\
&-m_{001}^{(11)}m_{300}^{(11)}m_{113}^{(20)} + m_{001}^{(11)}m_{300}^{(11)}m_{104}^{(10)} + m_{001}^{(11)}m_{300}^{(20)}m_{131}^{(22)} - m_{001}^{(11)}m_{300}^{(20)}m_{122}^{(21)}\\
&-m_{001}^{(11)}m_{300}^{(20)}m_{032}^{(20)} + m_{001}^{(11)}m_{300}^{(20)}m_{023}^{(10)} - m_{001}^{(11)}m_{300}^{(21)}m_{221}^{(22)} + m_{001}^{(11)}m_{300}^{(21)}m_{212}^{(21)}\\
&+m_{001}^{(11)}m_{300}^{(21)}m_{122}^{(20)} - m_{001}^{(11)}m_{300}^{(21)}m_{113}^{(10)} + m_{001}^{(11)}m_{210}^{(00)}m_{122}^{(22)} - m_{001}^{(11)}m_{210}^{(00)}m_{113}^{(21)}\\
&-m_{001}^{(11)}m_{210}^{(00)}m_{023}^{(20)} + m_{001}^{(11)}m_{210}^{(00)}m_{014}^{(10)} + m_{001}^{(11)}m_{210}^{(10)}m_{203}^{(21)} - m_{001}^{(11)}m_{210}^{(10)}m_{113}^{(20)}\\
&-m_{001}^{(11)}m_{210}^{(10)}m_{104}^{(10)} + m_{001}^{(11)}m_{210}^{(10)}m_{014}^{(00)} - m_{001}^{(11)}m_{210}^{(11)}m_{302}^{(22)} + 2m_{001}^{(11)}m_{210}^{(11)}m_{203}^{(20)}\\
&-m_{001}^{(11)}m_{210}^{(11)}m_{104}^{(00)} - 2m_{001}^{(11)}m_{210}^{(20)}m_{221}^{(22)} + m_{001}^{(11)}m_{210}^{(20)}m_{212}^{(21)} + 3m_{001}^{(11)}m_{210}^{(20)}m_{122}^{(20)}\\
&-m_{001}^{(11)}m_{210}^{(20)}m_{113}^{(10)} - m_{001}^{(11)}m_{210}^{(20)}m_{023}^{(00)} + 2m_{001}^{(11)}m_{210}^{(21)}m_{311}^{(22)} - m_{001}^{(11)}m_{210}^{(21)}m_{302}^{(21)}\\
&-3m_{001}^{(11)}m_{210}^{(21)}m_{212}^{(20)} + m_{001}^{(11)}m_{210}^{(21)}m_{203}^{(10)} + m_{001}^{(11)}m_{210}^{(21)}m_{113}^{(00)} - m_{001}^{(11)}m_{201}^{(00)}m_{131}^{(22)}\\
&+m_{001}^{(11)}m_{201}^{(00)}m_{122}^{(21)} + m_{001}^{(11)}m_{201}^{(00)}m_{032}^{(20)} - m_{001}^{(11)}m_{201}^{(00)}m_{023}^{(10)} + 3m_{001}^{(11)}m_{201}^{(10)}m_{221}^{(22)}\\
&-4m_{001}^{(11)}m_{201}^{(10)}m_{212}^{(21)} - 2m_{001}^{(11)}m_{201}^{(10)}m_{122}^{(20)} + 4m_{001}^{(11)}m_{201}^{(10)}m_{113}^{(10)} - m_{001}^{(11)}m_{201}^{(10)}m_{023}^{(00)}\\
&-2m_{001}^{(11)}m_{201}^{(11)}m_{311}^{(22)} + 3m_{001}^{(11)}m_{201}^{(11)}m_{302}^{(21)} + m_{001}^{(11)}m_{201}^{(11)}m_{212}^{(20)} - 3m_{001}^{(11)}m_{201}^{(11)}m_{203}^{(10)}\\
&+m_{001}^{(11)}m_{201}^{(11)}m_{113}^{(00)} - m_{001}^{(11)}m_{201}^{(20)}m_{230}^{(22)} + 2m_{001}^{(11)}m_{201}^{(20)}m_{221}^{(21)} - 2m_{001}^{(11)}m_{201}^{(20)}m_{122}^{(10)}
\end{aligned}
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\begin{aligned}
&+m_{001}^{(11)}m_{201}^{(20)}m_{032}^{(00)} + m_{001}^{(11)}m_{201}^{(21)}m_{320}^{(22)} - 2m_{001}^{(11)}m_{201}^{(21)}m_{311}^{(21)} + 2m_{001}^{(11)}m_{201}^{(21)}m_{212}^{(10)}\\
&-m_{001}^{(11)}m_{201}^{(21)}m_{122}^{(00)} - m_{001}^{(11)}m_{120}^{(00)}m_{212}^{(22)} + 2m_{001}^{(11)}m_{120}^{(00)}m_{113}^{(20)} - m_{001}^{(11)}m_{120}^{(00)}m_{014}^{(00)}\\
&+m_{001}^{(11)}m_{120}^{(10)}m_{302}^{(22)} - 2m_{001}^{(11)}m_{120}^{(10)}m_{203}^{(20)} + m_{001}^{(11)}m_{120}^{(10)}m_{104}^{(00)} + m_{001}^{(11)}m_{120}^{(20)}m_{311}^{(22)}\\
&-2m_{001}^{(11)}m_{120}^{(20)}m_{212}^{(20)} + m_{001}^{(11)}m_{120}^{(20)}m_{113}^{(00)} - m_{001}^{(11)}m_{120}^{(21)}m_{401}^{(22)} + 2m_{001}^{(11)}m_{120}^{(21)}m_{302}^{(20)}\\
&-m_{001}^{(11)}m_{120}^{(21)}m_{203}^{(00)} + 2m_{001}^{(11)}m_{111}^{(00)}m_{212}^{(21)} - 2m_{001}^{(11)}m_{111}^{(00)}m_{122}^{(20)} - 2m_{001}^{(11)}m_{111}^{(00)}m_{113}^{(10)}\\
&+2m_{001}^{(11)}m_{111}^{(00)}m_{023}^{(00)} - 2m_{001}^{(11)}m_{111}^{(10)}m_{311}^{(22)} - 2m_{001}^{(11)}m_{111}^{(10)}m_{302}^{(21)} + 6m_{001}^{(11)}m_{111}^{(10)}m_{212}^{(20)}\\
&+2m_{001}^{(11)}m_{111}^{(10)}m_{203}^{(10)} - 4m_{001}^{(11)}m_{111}^{(10)}m_{113}^{(00)} + 2m_{001}^{(11)}m_{111}^{(11)}m_{401}^{(22)} - 4m_{001}^{(11)}m_{111}^{(11)}m_{302}^{(20)}\\
&+2m_{001}^{(11)}m_{111}^{(11)}m_{203}^{(00)} + 2m_{001}^{(11)}m_{111}^{(20)}m_{320}^{(22)} - 2m_{001}^{(11)}m_{111}^{(20)}m_{311}^{(21)} - 2m_{001}^{(11)}m_{111}^{(20)}m_{221}^{(20)}\\
&+2m_{001}^{(11)}m_{111}^{(20)}m_{212}^{(10)} - 2m_{001}^{(11)}m_{111}^{(21)}m_{410}^{(22)} + 2m_{001}^{(11)}m_{111}^{(21)}m_{401}^{(21)} + 2m_{001}^{(11)}m_{111}^{(21)}m_{311}^{(20)}\\
&-2m_{001}^{(11)}m_{111}^{(21)}m_{302}^{(10)} + m_{001}^{(11)}m_{102}^{(00)}m_{230}^{(22)} - 2m_{001}^{(11)}m_{102}^{(00)}m_{221}^{(21)} + 2m_{001}^{(11)}m_{102}^{(00)}m_{122}^{(10)}\\
&-m_{001}^{(11)}m_{102}^{(00)}m_{032}^{(00)} - 2m_{001}^{(11)}m_{102}^{(10)}m_{320}^{(22)} + 5m_{001}^{(11)}m_{102}^{(10)}m_{311}^{(21)} - m_{001}^{(11)}m_{102}^{(10)}m_{221}^{(20)}\\
&-5m_{001}^{(11)}m_{102}^{(10)}m_{212}^{(10)} + 3m_{001}^{(11)}m_{102}^{(10)}m_{122}^{(00)} + m_{001}^{(11)}m_{102}^{(11)}m_{410}^{(22)} - 3m_{001}^{(11)}m_{102}^{(11)}m_{401}^{(21)}\\
&+m_{001}^{(11)}m_{102}^{(11)}m_{311}^{(20)} + 3m_{001}^{(11)}m_{102}^{(11)}m_{302}^{(10)} - 2m_{001}^{(11)}m_{102}^{(11)}m_{212}^{(00)} - m_{001}^{(11)}m_{102}^{(20)}m_{320}^{(21)}\\
&+m_{001}^{(11)}m_{102}^{(20)}m_{230}^{(20)} + m_{001}^{(11)}m_{102}^{(20)}m_{221}^{(10)} - m_{001}^{(11)}m_{102}^{(20)}m_{131}^{(00)} + m_{001}^{(11)}m_{102}^{(21)}m_{410}^{(21)}\\
&-m_{001}^{(11)}m_{102}^{(21)}m_{320}^{(20)} - m_{001}^{(11)}m_{102}^{(21)}m_{311}^{(10)} + m_{001}^{(11)}m_{102}^{(21)}m_{221}^{(00)} + m_{001}^{(11)}m_{021}^{(00)}m_{311}^{(22)}\\
&-2m_{001}^{(11)}m_{021}^{(00)}m_{212}^{(20)} + m_{001}^{(11)}m_{021}^{(00)}m_{113}^{(00)} - m_{001}^{(11)}m_{021}^{(10)}m_{401}^{(22)} + 2m_{001}^{(11)}m_{021}^{(10)}m_{302}^{(20)}\\
&-m_{001}^{(11)}m_{021}^{(10)}m_{203}^{(00)} - m_{001}^{(11)}m_{021}^{(20)}m_{410}^{(22)} + 2m_{001}^{(11)}m_{021}^{(20)}m_{311}^{(20)} - m_{001}^{(11)}m_{021}^{(20)}m_{212}^{(00)}\\
&+m_{001}^{(11)}m_{021}^{(21)}m_{500}^{(22)} - 2m_{001}^{(11)}m_{021}^{(21)}m_{401}^{(20)} + m_{001}^{(11)}m_{021}^{(21)}m_{302}^{(00)} - m_{001}^{(11)}m_{012}^{(00)}m_{320}^{(22)}\\
&-m_{001}^{(11)}m_{012}^{(00)}m_{311}^{(21)} + 3m_{001}^{(11)}m_{012}^{(00)}m_{221}^{(20)} + m_{001}^{(11)}m_{012}^{(00)}m_{212}^{(10)} - 2m_{001}^{(11)}m_{012}^{(00)}m_{122}^{(00)}\\
&+2m_{001}^{(11)}m_{012}^{(10)}m_{410}^{(22)} + m_{001}^{(11)}m_{012}^{(10)}m_{401}^{(21)} - 5m_{001}^{(11)}m_{012}^{(10)}m_{311}^{(20)} - m_{001}^{(11)}m_{012}^{(10)}m_{302}^{(10)}\\
&+3m_{001}^{(11)}m_{012}^{(10)}m_{212}^{(00)} - m_{001}^{(11)}m_{012}^{(11)}m_{500}^{(22)} + 2m_{001}^{(11)}m_{012}^{(11)}m_{401}^{(20)} - m_{001}^{(11)}m_{012}^{(11)}m_{302}^{(00)}\\
&+m_{001}^{(11)}m_{012}^{(20)}m_{410}^{(21)} - m_{001}^{(11)}m_{012}^{(20)}m_{320}^{(20)} - m_{001}^{(11)}m_{012}^{(20)}m_{311}^{(10)} + m_{001}^{(11)}m_{012}^{(20)}m_{221}^{(00)}\\
&-m_{001}^{(11)}m_{012}^{(21)}m_{500}^{(21)} + m_{001}^{(11)}m_{012}^{(21)}m_{410}^{(20)} + m_{001}^{(11)}m_{012}^{(21)}m_{401}^{(10)} - m_{001}^{(11)}m_{012}^{(21)}m_{311}^{(00)}\\
&+m_{001}^{(11)}m_{003}^{(00)}m_{320}^{(21)} - m_{001}^{(11)}m_{003}^{(00)}m_{230}^{(20)} - m_{001}^{(11)}m_{003}^{(00)}m_{221}^{(10)} + m_{001}^{(11)}m_{003}^{(00)}m_{131}^{(00)}\\
&-2m_{001}^{(11)}m_{003}^{(10)}m_{410}^{(21)} + 2m_{001}^{(11)}m_{003}^{(10)}m_{320}^{(20)} + 2m_{001}^{(11)}m_{003}^{(10)}m_{311}^{(10)} - 2m_{001}^{(11)}m_{003}^{(10)}m_{221}^{(00)}\\
&+m_{001}^{(11)}m_{003}^{(11)}m_{500}^{(21)} - m_{001}^{(11)}m_{003}^{(11)}m_{410}^{(20)} - m_{001}^{(11)}m_{003}^{(11)}m_{401}^{(10)} + m_{001}^{(11)}m_{003}^{(11)}m_{311}^{(00)}\\
&-m_{001}^{(20)}m_{300}^{(10)}m_{041}^{(22)} + 2m_{001}^{(20)}m_{300}^{(10)}m_{032}^{(21)} - m_{001}^{(20)}m_{300}^{(10)}m_{023}^{(11)} + m_{001}^{(20)}m_{300}^{(11)}m_{131}^{(22)}\\
&-2m_{001}^{(20)}m_{300}^{(11)}m_{122}^{(21)} + m_{001}^{(20)}m_{300}^{(11)}m_{113}^{(11)} + m_{001}^{(20)}m_{300}^{(20)}m_{050}^{(22)} - 2m_{001}^{(20)}m_{300}^{(20)}m_{041}^{(21)}\\
&+m_{001}^{(20)}m_{300}^{(20)}m_{032}^{(11)} - m_{001}^{(20)}m_{300}^{(21)}m_{140}^{(22)} + 2m_{001}^{(20)}m_{300}^{(21)}m_{131}^{(21)} - m_{001}^{(20)}m_{300}^{(21)}m_{122}^{(11)}\\
&+m_{001}^{(20)}m_{210}^{(00)}m_{041}^{(22)} - 2m_{001}^{(20)}m_{210}^{(00)}m_{032}^{(21)} + m_{001}^{(20)}m_{210}^{(00)}m_{023}^{(11)} + m_{001}^{(20)}m_{210}^{(10)}m_{131}^{(22)}\\
&-2m_{001}^{(20)}m_{210}^{(10)}m_{122}^{(21)} + m_{001}^{(20)}m_{210}^{(10)}m_{113}^{(11)} - 2m_{001}^{(20)}m_{210}^{(11)}m_{221}^{(22)} + 4m_{001}^{(20)}m_{210}^{(11)}m_{212}^{(21)}\\
&-2m_{001}^{(20)}m_{210}^{(11)}m_{203}^{(11)} - 3m_{001}^{(20)}m_{210}^{(20)}m_{140}^{(22)} + 6m_{001}^{(20)}m_{210}^{(20)}m_{131}^{(21)} - 3m_{001}^{(20)}m_{210}^{(20)}m_{122}^{(11)}\\
&+3m_{001}^{(20)}m_{210}^{(21)}m_{230}^{(22)} - 6m_{001}^{(20)}m_{210}^{(21)}m_{221}^{(21)} + 3m_{001}^{(20)}m_{210}^{(21)}m_{212}^{(11)} - m_{001}^{(20)}m_{201}^{(00)}m_{050}^{(22)}\\
&+2m_{001}^{(20)}m_{201}^{(00)}m_{041}^{(21)} - m_{001}^{(20)}m_{201}^{(00)}m_{032}^{(11)} + 2m_{001}^{(20)}m_{201}^{(10)}m_{140}^{(22)} - 4m_{001}^{(20)}m_{201}^{(10)}m_{131}^{(21)}\\
&+2m_{001}^{(20)}m_{201}^{(10)}m_{122}^{(11)} - m_{001}^{(20)}m_{201}^{(11)}m_{230}^{(22)} + 2m_{001}^{(20)}m_{201}^{(11)}m_{221}^{(21)} - m_{001}^{(20)}m_{201}^{(11)}m_{212}^{(11)}\\
&-2m_{001}^{(20)}m_{120}^{(00)}m_{131}^{(22)} + 4m_{001}^{(20)}m_{120}^{(00)}m_{122}^{(21)} - 2m_{001}^{(20)}m_{120}^{(00)}m_{113}^{(11)} + m_{001}^{(20)}m_{120}^{(10)}m_{221}^{(22)}\\
&-2m_{001}^{(20)}m_{120}^{(10)}m_{212}^{(21)} + 2m_{001}^{(20)}m_{120}^{(10)}m_{203}^{(11)} - 2m_{001}^{(20)}m_{120}^{(10)}m_{113}^{(10)} + m_{001}^{(20)}m_{120}^{(10)}m_{023}^{(00)}\\
&+m_{001}^{(20)}m_{120}^{(11)}m_{311}^{(22)} - 2m_{001}^{(20)}m_{120}^{(11)}m_{302}^{(21)} + 2m_{001}^{(20)}m_{120}^{(11)}m_{203}^{(10)} - m_{001}^{(20)}m_{120}^{(11)}m_{113}^{(00)}
\end{aligned}
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\begin{aligned}
&+3m_{001}^{(20)}m_{120}^{(20)}m_{230}^{(22)} - 6m_{001}^{(20)}m_{120}^{(20)}m_{221}^{(21)} + 2m_{001}^{(20)}m_{120}^{(20)}m_{212}^{(11)} + 2m_{001}^{(20)}m_{120}^{(20)}m_{122}^{(10)} \\
&-m_{001}^{(20)}m_{120}^{(20)}m_{032}^{(00)} - 3m_{001}^{(20)}m_{120}^{(21)}m_{320}^{(22)} + 6m_{001}^{(20)}m_{120}^{(21)}m_{311}^{(21)} - 2m_{001}^{(20)}m_{120}^{(21)}m_{302}^{(11)} \\
&-2m_{001}^{(20)}m_{120}^{(21)}m_{212}^{(10)} + m_{001}^{(20)}m_{120}^{(21)}m_{122}^{(00)} + 2m_{001}^{(20)}m_{111}^{(00)}m_{140}^{(22)} - 4m_{001}^{(20)}m_{111}^{(00)}m_{131}^{(21)} \\
&+2m_{001}^{(20)}m_{111}^{(00)}m_{122}^{(11)} - 4m_{001}^{(20)}m_{111}^{(10)}m_{230}^{(22)} + 8m_{001}^{(20)}m_{111}^{(10)}m_{221}^{(21)} - 6m_{001}^{(20)}m_{111}^{(10)}m_{212}^{(11)} \\
&+4m_{001}^{(20)}m_{111}^{(10)}m_{122}^{(10)} - 2m_{001}^{(20)}m_{111}^{(10)}m_{032}^{(00)} + 2m_{001}^{(20)}m_{111}^{(11)}m_{320}^{(22)} - 4m_{001}^{(20)}m_{111}^{(11)}m_{311}^{(21)} \\
&+4m_{001}^{(20)}m_{111}^{(11)}m_{302}^{(11)} - 4m_{001}^{(20)}m_{111}^{(11)}m_{212}^{(10)} + 2m_{001}^{(20)}m_{111}^{(11)}m_{122}^{(00)} + 2m_{001}^{(20)}m_{111}^{(20)}m_{221}^{(11)} \\
&-4m_{001}^{(20)}m_{111}^{(20)}m_{131}^{(10)} + 2m_{001}^{(20)}m_{111}^{(20)}m_{041}^{(00)} - 2m_{001}^{(20)}m_{111}^{(21)}m_{311}^{(11)} + 4m_{001}^{(20)}m_{111}^{(21)}m_{221}^{(10)} \\
&-2m_{001}^{(20)}m_{111}^{(21)}m_{131}^{(00)} + m_{001}^{(20)}m_{102}^{(10)}m_{221}^{(11)} - 2m_{001}^{(20)}m_{102}^{(10)}m_{131}^{(10)} + m_{001}^{(20)}m_{102}^{(10)}m_{041}^{(00)} \\
&-m_{001}^{(20)}m_{102}^{(11)}m_{311}^{(11)} + 2m_{001}^{(20)}m_{102}^{(11)}m_{221}^{(10)} - m_{001}^{(20)}m_{102}^{(11)}m_{131}^{(00)} - m_{001}^{(20)}m_{102}^{(20)}m_{230}^{(11)} \\
&+2m_{001}^{(20)}m_{102}^{(20)}m_{140}^{(10)} - m_{001}^{(20)}m_{102}^{(20)}m_{050}^{(00)} + m_{001}^{(20)}m_{102}^{(21)}m_{320}^{(11)} - 2m_{001}^{(20)}m_{102}^{(21)}m_{230}^{(10)} \\
&+m_{001}^{(20)}m_{102}^{(21)}m_{140}^{(00)} + m_{001}^{(20)}m_{030}^{(00)}m_{221}^{(22)} - 2m_{001}^{(20)}m_{030}^{(00)}m_{212}^{(21)} + 2m_{001}^{(20)}m_{030}^{(00)}m_{113}^{(10)} \\
&-m_{001}^{(20)}m_{030}^{(00)}m_{023}^{(00)} - m_{001}^{(20)}m_{030}^{(10)}m_{311}^{(22)} + 2m_{001}^{(20)}m_{030}^{(10)}m_{302}^{(21)} - 2m_{001}^{(20)}m_{030}^{(10)}m_{203}^{(10)} \\
&+m_{001}^{(20)}m_{030}^{(10)}m_{113}^{(00)} - m_{001}^{(20)}m_{030}^{(20)}m_{320}^{(22)} + 2m_{001}^{(20)}m_{030}^{(20)}m_{311}^{(21)} - 2m_{001}^{(20)}m_{030}^{(20)}m_{212}^{(10)} \\
&+m_{001}^{(20)}m_{030}^{(20)}m_{122}^{(00)} + m_{001}^{(20)}m_{030}^{(21)}m_{410}^{(22)} - 2m_{001}^{(20)}m_{030}^{(21)}m_{401}^{(21)} + 2m_{001}^{(20)}m_{030}^{(21)}m_{302}^{(10)} \\
&-m_{001}^{(20)}m_{030}^{(21)}m_{212}^{(00)} - m_{001}^{(20)}m_{021}^{(00)}m_{230}^{(22)} + 2m_{001}^{(20)}m_{021}^{(00)}m_{221}^{(21)} + 2m_{001}^{(20)}m_{021}^{(00)}m_{212}^{(11)} \\
&-6m_{001}^{(20)}m_{021}^{(00)}m_{122}^{(10)} + 3m_{001}^{(20)}m_{021}^{(00)}m_{032}^{(00)} + 2m_{001}^{(20)}m_{021}^{(10)}m_{320}^{(22)} - 4m_{001}^{(20)}m_{021}^{(10)}m_{311}^{(21)} \\
&-2m_{001}^{(20)}m_{021}^{(10)}m_{302}^{(11)} + 8m_{001}^{(20)}m_{021}^{(10)}m_{212}^{(10)} - 4m_{001}^{(20)}m_{021}^{(10)}m_{122}^{(00)} - m_{001}^{(20)}m_{021}^{(11)}m_{410}^{(22)} \\
&+2m_{001}^{(20)}m_{021}^{(11)}m_{401}^{(21)} - 2m_{001}^{(20)}m_{021}^{(11)}m_{302}^{(10)} + m_{001}^{(20)}m_{021}^{(11)}m_{212}^{(00)} - 2m_{001}^{(20)}m_{021}^{(20)}m_{311}^{(11)} \\
&+4m_{001}^{(20)}m_{021}^{(20)}m_{221}^{(10)} - 2m_{001}^{(20)}m_{021}^{(20)}m_{131}^{(00)} + 2m_{001}^{(20)}m_{021}^{(21)}m_{401}^{(11)} - 4m_{001}^{(20)}m_{021}^{(21)}m_{311}^{(10)} \\
&+2m_{001}^{(20)}m_{021}^{(21)}m_{221}^{(00)} - 3m_{001}^{(20)}m_{012}^{(00)}m_{221}^{(11)} + 6m_{001}^{(20)}m_{012}^{(00)}m_{131}^{(10)} - 3m_{001}^{(20)}m_{012}^{(00)}m_{041}^{(00)} \\
&+5m_{001}^{(20)}m_{012}^{(10)}m_{311}^{(11)} - 10m_{001}^{(20)}m_{012}^{(10)}m_{221}^{(10)} + 5m_{001}^{(20)}m_{012}^{(10)}m_{131}^{(00)} - 2m_{001}^{(20)}m_{012}^{(11)}m_{401}^{(11)} \\
&+4m_{001}^{(20)}m_{012}^{(11)}m_{311}^{(10)} - 2m_{001}^{(20)}m_{012}^{(11)}m_{221}^{(00)} + m_{001}^{(20)}m_{012}^{(20)}m_{320}^{(11)} - 2m_{001}^{(20)}m_{012}^{(20)}m_{230}^{(10)} \\
&+m_{001}^{(20)}m_{012}^{(20)}m_{140}^{(00)} - m_{001}^{(20)}m_{012}^{(21)}m_{410}^{(11)} + 2m_{001}^{(20)}m_{012}^{(21)}m_{320}^{(10)} - m_{001}^{(20)}m_{012}^{(21)}m_{230}^{(00)} \\
&+m_{001}^{(20)}m_{003}^{(00)}m_{230}^{(11)} - 2m_{001}^{(20)}m_{003}^{(00)}m_{140}^{(10)} + m_{001}^{(20)}m_{003}^{(00)}m_{050}^{(00)} - 2m_{001}^{(20)}m_{003}^{(10)}m_{320}^{(11)} \\
&+4m_{001}^{(20)}m_{003}^{(10)}m_{230}^{(10)} - 2m_{001}^{(20)}m_{003}^{(10)}m_{140}^{(00)} + m_{001}^{(20)}m_{003}^{(11)}m_{410}^{(11)} - 2m_{001}^{(20)}m_{003}^{(11)}m_{320}^{(10)} \\
&+m_{001}^{(20)}m_{003}^{(11)}m_{230}^{(00)} + m_{001}^{(21)}m_{300}^{(10)}m_{131}^{(22)} - m_{001}^{(21)}m_{300}^{(10)}m_{113}^{(11)} - 2m_{001}^{(21)}m_{300}^{(10)}m_{032}^{(20)} \\
&+2m_{001}^{(21)}m_{300}^{(10)}m_{023}^{(10)} - m_{001}^{(21)}m_{300}^{(11)}m_{221}^{(22)} + m_{001}^{(21)}m_{300}^{(11)}m_{203}^{(11)} + 2m_{001}^{(21)}m_{300}^{(11)}m_{122}^{(20)} \\
&-2m_{001}^{(21)}m_{300}^{(11)}m_{113}^{(10)} - m_{001}^{(21)}m_{300}^{(20)}m_{140}^{(22)} + m_{001}^{(21)}m_{300}^{(20)}m_{122}^{(11)} + 2m_{001}^{(21)}m_{300}^{(20)}m_{041}^{(20)} \\
&-2m_{001}^{(21)}m_{300}^{(20)}m_{032}^{(10)} + m_{001}^{(21)}m_{300}^{(21)}m_{230}^{(22)} - m_{001}^{(21)}m_{300}^{(21)}m_{212}^{(11)} - 2m_{001}^{(21)}m_{300}^{(21)}m_{131}^{(20)} \\
&+2m_{001}^{(21)}m_{300}^{(21)}m_{122}^{(10)} - m_{001}^{(21)}m_{210}^{(00)}m_{131}^{(22)} + m_{001}^{(21)}m_{210}^{(00)}m_{113}^{(11)} + 2m_{001}^{(21)}m_{210}^{(00)}m_{032}^{(20)} \\
&-2m_{001}^{(21)}m_{210}^{(00)}m_{023}^{(10)} - m_{001}^{(21)}m_{210}^{(10)}m_{221}^{(22)} - m_{001}^{(21)}m_{210}^{(10)}m_{203}^{(11)} + 2m_{001}^{(21)}m_{210}^{(10)}m_{122}^{(20)} \\
&+2m_{001}^{(21)}m_{210}^{(10)}m_{113}^{(10)} - 2m_{001}^{(21)}m_{210}^{(10)}m_{023}^{(00)} + 2m_{001}^{(21)}m_{210}^{(11)}m_{311}^{(22)} - 4m_{001}^{(21)}m_{210}^{(11)}m_{212}^{(20)} \\
&+2m_{001}^{(21)}m_{210}^{(11)}m_{113}^{(00)} + 3m_{001}^{(21)}m_{210}^{(20)}m_{230}^{(22)} - m_{001}^{(21)}m_{210}^{(20)}m_{212}^{(11)} - 6m_{001}^{(21)}m_{210}^{(20)}m_{131}^{(20)} \\
&+2m_{001}^{(21)}m_{210}^{(20)}m_{122}^{(10)} + 2m_{001}^{(21)}m_{210}^{(20)}m_{032}^{(00)} - 3m_{001}^{(21)}m_{210}^{(21)}m_{320}^{(22)} + m_{001}^{(21)}m_{210}^{(21)}m_{302}^{(11)} \\
&+6m_{001}^{(21)}m_{210}^{(21)}m_{221}^{(20)} - 2m_{001}^{(21)}m_{210}^{(21)}m_{212}^{(10)} - 2m_{001}^{(21)}m_{210}^{(21)}m_{122}^{(00)} + m_{001}^{(21)}m_{201}^{(00)}m_{140}^{(22)} \\
&-m_{001}^{(21)}m_{201}^{(00)}m_{122}^{(11)} - 2m_{001}^{(21)}m_{201}^{(00)}m_{041}^{(20)} + 2m_{001}^{(21)}m_{201}^{(00)}m_{032}^{(10)} - 2m_{001}^{(21)}m_{201}^{(10)}m_{230}^{(22)} \\
&+4m_{001}^{(21)}m_{201}^{(10)}m_{212}^{(11)} + 4m_{001}^{(21)}m_{201}^{(10)}m_{131}^{(20)} - 8m_{001}^{(21)}m_{201}^{(10)}m_{122}^{(10)} + 2m_{001}^{(21)}m_{201}^{(10)}m_{032}^{(00)} \\
&+m_{001}^{(21)}m_{201}^{(11)}m_{320}^{(22)} - 3m_{001}^{(21)}m_{201}^{(11)}m_{302}^{(11)} - 2m_{001}^{(21)}m_{201}^{(11)}m_{221}^{(20)} + 6m_{001}^{(21)}m_{201}^{(11)}m_{212}^{(10)}
\end{aligned}
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\begin{aligned}
&-2m_{001}^{(21)}m_{201}^{(11)}m_{122}^{(00)} - 2m_{001}^{(21)}m_{201}^{(20)}m_{221}^{(11)} + 4m_{001}^{(21)}m_{201}^{(20)}m_{131}^{(10)} - 2m_{001}^{(21)}m_{201}^{(20)}m_{041}^{(00)}\\
&+2m_{001}^{(21)}m_{201}^{(21)}m_{311}^{(11)} - 4m_{001}^{(21)}m_{201}^{(21)}m_{221}^{(10)} + 2m_{001}^{(21)}m_{201}^{(21)}m_{131}^{(00)} + 2m_{001}^{(21)}m_{120}^{(00)}m_{221}^{(22)}\\
&-4m_{001}^{(21)}m_{120}^{(00)}m_{122}^{(20)} + 2m_{001}^{(21)}m_{120}^{(00)}m_{023}^{(00)} - m_{001}^{(21)}m_{120}^{(10)}m_{311}^{(22)} + 2m_{001}^{(21)}m_{120}^{(10)}m_{212}^{(20)}\\
&-m_{001}^{(21)}m_{120}^{(10)}m_{113}^{(00)} - m_{001}^{(21)}m_{120}^{(11)}m_{401}^{(22)} + 2m_{001}^{(21)}m_{120}^{(11)}m_{302}^{(20)} - m_{001}^{(21)}m_{120}^{(11)}m_{203}^{(00)}\\
&-3m_{001}^{(21)}m_{120}^{(20)}m_{320}^{(22)} + 6m_{001}^{(21)}m_{120}^{(20)}m_{221}^{(20)} - 3m_{001}^{(21)}m_{120}^{(20)}m_{122}^{(00)} + 3m_{001}^{(21)}m_{120}^{(21)}m_{410}^{(22)}\\
&-6m_{001}^{(21)}m_{120}^{(21)}m_{311}^{(20)} + 3m_{001}^{(21)}m_{120}^{(21)}m_{212}^{(00)} - 2m_{001}^{(21)}m_{111}^{(00)}m_{230}^{(22)} - 2m_{001}^{(21)}m_{111}^{(00)}m_{212}^{(11)}\\
&+4m_{001}^{(21)}m_{111}^{(00)}m_{131}^{(20)} + 4m_{001}^{(21)}m_{111}^{(00)}m_{122}^{(10)} - 4m_{001}^{(21)}m_{111}^{(00)}m_{032}^{(00)} + 4m_{001}^{(21)}m_{111}^{(10)}m_{320}^{(22)}\\
&+2m_{001}^{(21)}m_{111}^{(10)}m_{302}^{(11)} - 8m_{001}^{(21)}m_{111}^{(10)}m_{221}^{(20)} - 4m_{001}^{(21)}m_{111}^{(10)}m_{212}^{(10)} + 6m_{001}^{(21)}m_{111}^{(10)}m_{122}^{(00)}\\
&-2m_{001}^{(21)}m_{111}^{(11)}m_{410}^{(22)} + 4m_{001}^{(21)}m_{111}^{(11)}m_{311}^{(20)} - 2m_{001}^{(21)}m_{111}^{(11)}m_{212}^{(00)} + 2m_{001}^{(21)}m_{111}^{(20)}m_{311}^{(11)}\\
&-4m_{001}^{(21)}m_{111}^{(20)}m_{221}^{(10)} + 2m_{001}^{(21)}m_{111}^{(20)}m_{131}^{(00)} - 2m_{001}^{(21)}m_{111}^{(21)}m_{401}^{(11)} + 4m_{001}^{(21)}m_{111}^{(21)}m_{311}^{(10)}\\
&-2m_{001}^{(21)}m_{111}^{(21)}m_{221}^{(00)} + 2m_{001}^{(21)}m_{102}^{(00)}m_{221}^{(11)} - 4m_{001}^{(21)}m_{102}^{(00)}m_{131}^{(10)} + 2m_{001}^{(21)}m_{102}^{(00)}m_{041}^{(00)}\\
&-5m_{001}^{(21)}m_{102}^{(10)}m_{311}^{(11)} + 10m_{001}^{(21)}m_{102}^{(10)}m_{221}^{(10)} - 5m_{001}^{(21)}m_{102}^{(10)}m_{131}^{(00)} + 3m_{001}^{(21)}m_{102}^{(11)}m_{401}^{(11)}\\
&-6m_{001}^{(21)}m_{102}^{(11)}m_{311}^{(10)} + 3m_{001}^{(21)}m_{102}^{(11)}m_{221}^{(00)} + m_{001}^{(21)}m_{102}^{(20)}m_{320}^{(11)} - 2m_{001}^{(21)}m_{102}^{(20)}m_{230}^{(10)}\\
&+m_{001}^{(21)}m_{102}^{(20)}m_{140}^{(00)} - m_{001}^{(21)}m_{102}^{(21)}m_{410}^{(11)} + 2m_{001}^{(21)}m_{102}^{(21)}m_{320}^{(10)} - m_{001}^{(21)}m_{102}^{(21)}m_{230}^{(00)}\\
&-m_{001}^{(21)}m_{030}^{(00)}m_{311}^{(22)} + 2m_{001}^{(21)}m_{030}^{(00)}m_{212}^{(20)} - m_{001}^{(21)}m_{030}^{(00)}m_{113}^{(00)} + m_{001}^{(21)}m_{030}^{(10)}m_{401}^{(22)}\\
&-2m_{001}^{(21)}m_{030}^{(10)}m_{302}^{(20)} + m_{001}^{(21)}m_{030}^{(10)}m_{203}^{(00)} + m_{001}^{(21)}m_{030}^{(20)}m_{410}^{(22)} - 2m_{001}^{(21)}m_{030}^{(20)}m_{311}^{(20)}\\
&+m_{001}^{(21)}m_{030}^{(20)}m_{212}^{(00)} - m_{001}^{(21)}m_{030}^{(21)}m_{500}^{(22)} + 2m_{001}^{(21)}m_{030}^{(21)}m_{401}^{(20)} - m_{001}^{(21)}m_{030}^{(21)}m_{302}^{(00)}\\
&+m_{001}^{(21)}m_{021}^{(00)}m_{320}^{(22)} - 2m_{001}^{(21)}m_{021}^{(00)}m_{221}^{(20)} + m_{001}^{(21)}m_{021}^{(00)}m_{122}^{(00)} - 2m_{001}^{(21)}m_{021}^{(10)}m_{410}^{(22)}\\
&+4m_{001}^{(21)}m_{021}^{(10)}m_{311}^{(20)} - 2m_{001}^{(21)}m_{021}^{(10)}m_{212}^{(00)} + m_{001}^{(21)}m_{021}^{(11)}m_{500}^{(22)} - 2m_{001}^{(21)}m_{021}^{(11)}m_{401}^{(20)}\\
&+m_{001}^{(21)}m_{021}^{(11)}m_{302}^{(00)} + m_{001}^{(21)}m_{012}^{(00)}m_{311}^{(11)} - 2m_{001}^{(21)}m_{012}^{(00)}m_{221}^{(10)} + m_{001}^{(21)}m_{012}^{(00)}m_{131}^{(00)}\\
&-m_{001}^{(21)}m_{012}^{(10)}m_{401}^{(11)} + 2m_{001}^{(21)}m_{012}^{(10)}m_{311}^{(10)} - m_{001}^{(21)}m_{012}^{(10)}m_{221}^{(00)} - m_{001}^{(21)}m_{012}^{(20)}m_{410}^{(11)}\\
&+2m_{001}^{(21)}m_{012}^{(20)}m_{320}^{(10)} - m_{001}^{(21)}m_{012}^{(20)}m_{230}^{(00)} + m_{001}^{(21)}m_{012}^{(21)}m_{500}^{(11)} - 2m_{001}^{(21)}m_{012}^{(21)}m_{410}^{(10)}\\
&+m_{001}^{(21)}m_{012}^{(21)}m_{320}^{(00)} - m_{001}^{(21)}m_{003}^{(00)}m_{320}^{(11)} + 2m_{001}^{(21)}m_{003}^{(00)}m_{230}^{(10)} - m_{001}^{(21)}m_{003}^{(00)}m_{140}^{(00)}\\
&+2m_{001}^{(21)}m_{003}^{(10)}m_{410}^{(11)} - 4m_{001}^{(21)}m_{003}^{(10)}m_{320}^{(10)} + 2m_{001}^{(21)}m_{003}^{(10)}m_{230}^{(00)} - m_{001}^{(21)}m_{003}^{(11)}m_{500}^{(11)}\\
&+2m_{001}^{(21)}m_{003}^{(11)}m_{410}^{(10)} - m_{001}^{(21)}m_{003}^{(11)}m_{320}^{(00)} - m_{001}^{(22)}m_{300}^{(10)}m_{131}^{(21)} + m_{001}^{(22)}m_{300}^{(10)}m_{122}^{(11)}\\
&+m_{001}^{(22)}m_{300}^{(10)}m_{041}^{(20)} - m_{001}^{(22)}m_{300}^{(10)}m_{032}^{(10)} + m_{001}^{(22)}m_{300}^{(11)}m_{221}^{(21)} - m_{001}^{(22)}m_{300}^{(11)}m_{212}^{(11)}\\
&-m_{001}^{(22)}m_{300}^{(11)}m_{131}^{(20)} + m_{001}^{(22)}m_{300}^{(11)}m_{122}^{(10)} + m_{001}^{(22)}m_{300}^{(20)}m_{140}^{(21)} - m_{001}^{(22)}m_{300}^{(20)}m_{131}^{(11)}\\
&-m_{001}^{(22)}m_{300}^{(20)}m_{050}^{(20)} + m_{001}^{(22)}m_{300}^{(20)}m_{041}^{(10)} - m_{001}^{(22)}m_{300}^{(21)}m_{230}^{(21)} + m_{001}^{(22)}m_{300}^{(21)}m_{221}^{(11)}\\
&+m_{001}^{(22)}m_{300}^{(21)}m_{140}^{(20)} - m_{001}^{(22)}m_{300}^{(21)}m_{131}^{(10)} + m_{001}^{(22)}m_{210}^{(00)}m_{131}^{(21)} - m_{001}^{(22)}m_{210}^{(00)}m_{122}^{(11)}\\
&-m_{001}^{(22)}m_{210}^{(00)}m_{041}^{(20)} + m_{001}^{(22)}m_{210}^{(00)}m_{032}^{(10)} + m_{001}^{(22)}m_{210}^{(10)}m_{221}^{(21)} - m_{001}^{(22)}m_{210}^{(10)}m_{131}^{(20)}\\
&-m_{001}^{(22)}m_{210}^{(10)}m_{122}^{(10)} + m_{001}^{(22)}m_{210}^{(10)}m_{032}^{(00)} - 2m_{001}^{(22)}m_{210}^{(11)}m_{311}^{(21)} + m_{001}^{(22)}m_{210}^{(11)}m_{302}^{(11)}\\
&+2m_{001}^{(22)}m_{210}^{(11)}m_{221}^{(20)} - m_{001}^{(22)}m_{210}^{(11)}m_{122}^{(00)} - 3m_{001}^{(22)}m_{210}^{(20)}m_{230}^{(21)} + 2m_{001}^{(22)}m_{210}^{(20)}m_{221}^{(11)}\\
&+3m_{001}^{(22)}m_{210}^{(20)}m_{140}^{(20)} - m_{001}^{(22)}m_{210}^{(20)}m_{131}^{(10)} - m_{001}^{(22)}m_{210}^{(20)}m_{041}^{(00)} + 3m_{001}^{(22)}m_{210}^{(21)}m_{320}^{(21)}\\
&-2m_{001}^{(22)}m_{210}^{(21)}m_{311}^{(11)} - 3m_{001}^{(22)}m_{210}^{(21)}m_{230}^{(20)} + m_{001}^{(22)}m_{210}^{(21)}m_{221}^{(10)} + m_{001}^{(22)}m_{210}^{(21)}m_{131}^{(00)}\\
&-m_{001}^{(22)}m_{201}^{(00)}m_{140}^{(21)} + m_{001}^{(22)}m_{201}^{(00)}m_{131}^{(11)} + m_{001}^{(22)}m_{201}^{(00)}m_{050}^{(20)} - m_{001}^{(22)}m_{201}^{(00)}m_{041}^{(10)}\\
&+2m_{001}^{(22)}m_{201}^{(10)}m_{230}^{(21)} - 3m_{001}^{(22)}m_{201}^{(10)}m_{221}^{(11)} - 2m_{001}^{(22)}m_{201}^{(10)}m_{140}^{(20)} + 4m_{001}^{(22)}m_{201}^{(10)}m_{131}^{(10)}\\
&-m_{001}^{(22)}m_{201}^{(10)}m_{041}^{(00)} - m_{001}^{(22)}m_{201}^{(11)}m_{320}^{(21)} + 2m_{001}^{(22)}m_{201}^{(11)}m_{311}^{(11)} + m_{001}^{(22)}m_{201}^{(11)}m_{230}^{(20)}\\
&-3m_{001}^{(22)}m_{201}^{(11)}m_{221}^{(10)} + m_{001}^{(22)}m_{201}^{(11)}m_{131}^{(00)} + m_{001}^{(22)}m_{201}^{(20)}m_{230}^{(11)} - 2m_{001}^{(22)}m_{201}^{(20)}m_{140}^{(10)}
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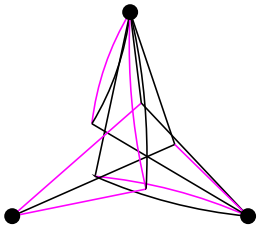
\begin{aligned}
&+m_{001}^{(22)}m_{201}^{(20)}m_{050}^{(00)} - m_{001}^{(22)}m_{201}^{(21)}m_{320}^{(11)} + 2m_{001}^{(22)}m_{201}^{(21)}m_{230}^{(10)} - m_{001}^{(22)}m_{201}^{(21)}m_{140}^{(00)}\\
&-2m_{001}^{(22)}m_{120}^{(00)}m_{221}^{(21)} + m_{001}^{(22)}m_{120}^{(00)}m_{212}^{(11)} + 2m_{001}^{(22)}m_{120}^{(00)}m_{131}^{(20)} - m_{001}^{(22)}m_{120}^{(00)}m_{032}^{(00)}\\
&+m_{001}^{(22)}m_{120}^{(10)}m_{311}^{(21)} - m_{001}^{(22)}m_{120}^{(10)}m_{302}^{(11)} - m_{001}^{(22)}m_{120}^{(10)}m_{221}^{(20)} + m_{001}^{(22)}m_{120}^{(10)}m_{212}^{(10)}\\
&+m_{001}^{(22)}m_{120}^{(11)}m_{401}^{(21)} - m_{001}^{(22)}m_{120}^{(11)}m_{311}^{(20)} - m_{001}^{(22)}m_{120}^{(11)}m_{302}^{(10)} + m_{001}^{(22)}m_{120}^{(11)}m_{212}^{(00)}\\
&+3m_{001}^{(22)}m_{120}^{(20)}m_{320}^{(21)} - m_{001}^{(22)}m_{120}^{(20)}m_{311}^{(11)} - 3m_{001}^{(22)}m_{120}^{(20)}m_{230}^{(20)} - m_{001}^{(22)}m_{120}^{(20)}m_{221}^{(10)}\\
&+2m_{001}^{(22)}m_{120}^{(20)}m_{131}^{(00)} - 3m_{001}^{(22)}m_{120}^{(21)}m_{410}^{(21)} + m_{001}^{(22)}m_{120}^{(21)}m_{401}^{(11)} + 3m_{001}^{(22)}m_{120}^{(21)}m_{320}^{(20)}\\
&+m_{001}^{(22)}m_{120}^{(21)}m_{311}^{(10)} - 2m_{001}^{(22)}m_{120}^{(21)}m_{221}^{(00)} + 2m_{001}^{(22)}m_{111}^{(00)}m_{230}^{(21)} - 2m_{001}^{(22)}m_{111}^{(00)}m_{140}^{(20)}\\
&-2m_{001}^{(22)}m_{111}^{(00)}m_{131}^{(10)} + 2m_{001}^{(22)}m_{111}^{(00)}m_{041}^{(00)} - 4m_{001}^{(22)}m_{111}^{(10)}m_{320}^{(21)} + 2m_{001}^{(22)}m_{111}^{(10)}m_{311}^{(11)}\\
&+4m_{001}^{(22)}m_{111}^{(10)}m_{230}^{(20)} - 2m_{001}^{(22)}m_{111}^{(10)}m_{131}^{(00)} + 2m_{001}^{(22)}m_{111}^{(11)}m_{410}^{(21)} - 2m_{001}^{(22)}m_{111}^{(11)}m_{401}^{(11)}\\
&-2m_{001}^{(22)}m_{111}^{(11)}m_{320}^{(20)} + 2m_{001}^{(22)}m_{111}^{(11)}m_{311}^{(10)} - 2m_{001}^{(22)}m_{111}^{(20)}m_{320}^{(11)} + 4m_{001}^{(22)}m_{111}^{(20)}m_{230}^{(10)}\\
&-2m_{001}^{(22)}m_{111}^{(20)}m_{140}^{(00)} + 2m_{001}^{(22)}m_{111}^{(21)}m_{410}^{(11)} - 4m_{001}^{(22)}m_{111}^{(21)}m_{320}^{(10)} + 2m_{001}^{(22)}m_{111}^{(21)}m_{230}^{(00)}\\
&-m_{001}^{(22)}m_{102}^{(00)}m_{230}^{(11)} + 2m_{001}^{(22)}m_{102}^{(00)}m_{140}^{(10)} - m_{001}^{(22)}m_{102}^{(00)}m_{050}^{(00)} + 2m_{001}^{(22)}m_{102}^{(10)}m_{320}^{(11)}\\
&-4m_{001}^{(22)}m_{102}^{(10)}m_{230}^{(10)} + 2m_{001}^{(22)}m_{102}^{(10)}m_{140}^{(00)} - m_{001}^{(22)}m_{102}^{(11)}m_{410}^{(11)} + 2m_{001}^{(22)}m_{102}^{(11)}m_{320}^{(10)}\\
&-m_{001}^{(22)}m_{102}^{(11)}m_{230}^{(00)} + m_{001}^{(22)}m_{030}^{(00)}m_{311}^{(21)} - m_{001}^{(22)}m_{030}^{(00)}m_{221}^{(20)} - m_{001}^{(22)}m_{030}^{(00)}m_{212}^{(10)}\\
&+m_{001}^{(22)}m_{030}^{(00)}m_{122}^{(00)} - m_{001}^{(22)}m_{030}^{(10)}m_{401}^{(21)} + m_{001}^{(22)}m_{030}^{(10)}m_{311}^{(20)} + m_{001}^{(22)}m_{030}^{(10)}m_{302}^{(10)}\\
&-m_{001}^{(22)}m_{030}^{(10)}m_{212}^{(00)} - m_{001}^{(22)}m_{030}^{(20)}m_{410}^{(21)} + m_{001}^{(22)}m_{030}^{(20)}m_{320}^{(20)} + m_{001}^{(22)}m_{030}^{(20)}m_{311}^{(10)}\\
&-m_{001}^{(22)}m_{030}^{(20)}m_{221}^{(00)} + m_{001}^{(22)}m_{030}^{(21)}m_{500}^{(21)} - m_{001}^{(22)}m_{030}^{(21)}m_{410}^{(20)} - m_{001}^{(22)}m_{030}^{(21)}m_{401}^{(10)}\\
&+m_{001}^{(22)}m_{030}^{(21)}m_{311}^{(00)} - m_{001}^{(22)}m_{021}^{(00)}m_{320}^{(21)} - m_{001}^{(22)}m_{021}^{(00)}m_{311}^{(11)} + m_{001}^{(22)}m_{021}^{(00)}m_{230}^{(20)}\\
&+3m_{001}^{(22)}m_{021}^{(00)}m_{221}^{(10)} - 2m_{001}^{(22)}m_{021}^{(00)}m_{131}^{(00)} + 2m_{001}^{(22)}m_{021}^{(10)}m_{410}^{(21)} + m_{001}^{(22)}m_{021}^{(10)}m_{401}^{(11)}\\
&-2m_{001}^{(22)}m_{021}^{(10)}m_{320}^{(20)} - 4m_{001}^{(22)}m_{021}^{(10)}m_{311}^{(10)} + 3m_{001}^{(22)}m_{021}^{(10)}m_{221}^{(00)} - m_{001}^{(22)}m_{021}^{(11)}m_{500}^{(21)}\\
&+m_{001}^{(22)}m_{021}^{(11)}m_{410}^{(20)} + m_{001}^{(22)}m_{021}^{(11)}m_{401}^{(10)} - m_{001}^{(22)}m_{021}^{(11)}m_{311}^{(00)} + m_{001}^{(22)}m_{021}^{(20)}m_{410}^{(11)}\\
&-2m_{001}^{(22)}m_{021}^{(20)}m_{320}^{(10)} + m_{001}^{(22)}m_{021}^{(20)}m_{230}^{(00)} - m_{001}^{(22)}m_{021}^{(21)}m_{500}^{(11)} + 2m_{001}^{(22)}m_{021}^{(21)}m_{410}^{(10)}\\
&-m_{001}^{(22)}m_{021}^{(21)}m_{320}^{(00)} + m_{001}^{(22)}m_{012}^{(00)}m_{320}^{(11)} - 2m_{001}^{(22)}m_{012}^{(00)}m_{230}^{(10)} + m_{001}^{(22)}m_{012}^{(00)}m_{140}^{(00)}\\
&-2m_{001}^{(22)}m_{012}^{(10)}m_{410}^{(11)} + 4m_{001}^{(22)}m_{012}^{(10)}m_{320}^{(10)} - 2m_{001}^{(22)}m_{012}^{(10)}m_{230}^{(00)} + m_{001}^{(22)}m_{012}^{(11)}m_{500}^{(11)}\\
&-2m_{001}^{(22)}m_{012}^{(11)}m_{410}^{(10)} + m_{001}^{(22)}m_{012}^{(11)}m_{320}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{rrrrr}
V1 & 1 & V1 & V2 & 2\\
V2 & 2 & 2 & 2 & V3\\
2 & V3 & 3 & 3 & 3
\end{array}
$$



$$
\begin{aligned}
T_{177} \;=\;& -m_{100}^{(00)} m_{210}^{(11)} m_{023}^{(22)} + 2m_{100}^{(00)} m_{210}^{(11)} m_{014}^{(21)} - m_{100}^{(00)} m_{210}^{(11)} m_{005}^{(11)} + 2m_{100}^{(00)} m_{210}^{(21)} m_{032}^{(22)} \\
& -4m_{100}^{(00)} m_{210}^{(21)} m_{023}^{(21)} + 2m_{100}^{(00)} m_{210}^{(21)} m_{014}^{(11)} - m_{100}^{(00)} m_{210}^{(22)} m_{041}^{(22)} + 2m_{100}^{(00)} m_{210}^{(22)} m_{032}^{(21)} \\
& -m_{100}^{(00)} m_{210}^{(22)} m_{023}^{(11)} + m_{100}^{(00)} m_{201}^{(11)} m_{032}^{(22)} - 2m_{100}^{(00)} m_{201}^{(11)} m_{023}^{(21)} + m_{100}^{(00)} m_{201}^{(11)} m_{014}^{(11)} \\
& -2m_{100}^{(00)} m_{201}^{(21)} m_{041}^{(22)} + 4m_{100}^{(00)} m_{201}^{(21)} m_{032}^{(21)} - 2m_{100}^{(00)} m_{201}^{(21)} m_{023}^{(11)} + m_{100}^{(00)} m_{201}^{(22)} m_{050}^{(22)} \\
& -2m_{100}^{(00)} m_{201}^{(22)} m_{041}^{(21)} + m_{100}^{(00)} m_{201}^{(22)} m_{032}^{(11)} + m_{100}^{(00)} m_{120}^{(10)} m_{023}^{(22)} - 2m_{100}^{(00)} m_{120}^{(10)} m_{014}^{(21)} \\
& +m_{100}^{(00)} m_{120}^{(10)} m_{005}^{(11)} + m_{100}^{(00)} m_{120}^{(11)} m_{113}^{(22)} - m_{100}^{(00)} m_{120}^{(11)} m_{104}^{(21)} - m_{100}^{(00)} m_{120}^{(11)} m_{014}^{(20)} \\
& +m_{100}^{(00)} m_{120}^{(11)} m_{005}^{(10)} - m_{100}^{(00)} m_{120}^{(20)} m_{032}^{(22)} + 2m_{100}^{(00)} m_{120}^{(20)} m_{023}^{(21)} - m_{100}^{(00)} m_{120}^{(20)} m_{014}^{(11)} \\
& -3m_{100}^{(00)} m_{120}^{(21)} m_{122}^{(22)} + 4m_{100}^{(00)} m_{120}^{(21)} m_{113}^{(21)} - m_{100}^{(00)} m_{120}^{(21)} m_{104}^{(11)} + 2m_{100}^{(00)} m_{120}^{(21)} m_{023}^{(20)} \\
& -2m_{100}^{(00)} m_{120}^{(21)} m_{014}^{(10)} + 2m_{100}^{(00)} m_{120}^{(22)} m_{131}^{(22)} - 3m_{100}^{(00)} m_{120}^{(22)} m_{122}^{(21)} + m_{100}^{(00)} m_{120}^{(22)} m_{113}^{(11)} \\
& -m_{100}^{(00)} m_{120}^{(22)} m_{032}^{(20)} + m_{100}^{(00)} m_{120}^{(22)} m_{023}^{(10)} - 2m_{100}^{(00)} m_{111}^{(10)} m_{032}^{(22)} + 4m_{100}^{(00)} m_{111}^{(10)} m_{023}^{(21)} \\
& -2m_{100}^{(00)} m_{111}^{(10)} m_{014}^{(11)} - 2m_{100}^{(00)} m_{111}^{(11)} m_{113}^{(21)} + 2m_{100}^{(00)} m_{111}^{(11)} m_{104}^{(11)} + 2m_{100}^{(00)} m_{111}^{(11)} m_{023}^{(20)} \\
& -2m_{100}^{(00)} m_{111}^{(11)} m_{014}^{(10)} + 2m_{100}^{(00)} m_{111}^{(20)} m_{041}^{(22)} - 4m_{100}^{(00)} m_{111}^{(20)} m_{032}^{(21)} + 2m_{100}^{(00)} m_{111}^{(20)} m_{023}^{(11)} \\
& +2m_{100}^{(00)} m_{111}^{(21)} m_{131}^{(22)} - 2m_{100}^{(00)} m_{111}^{(21)} m_{113}^{(11)} - 4m_{100}^{(00)} m_{111}^{(21)} m_{032}^{(20)} + 4m_{100}^{(00)} m_{111}^{(21)} m_{023}^{(10)} \\
& -2m_{100}^{(00)} m_{111}^{(22)} m_{140}^{(22)} + 2m_{100}^{(00)} m_{111}^{(22)} m_{131}^{(21)} + 2m_{100}^{(00)} m_{111}^{(22)} m_{041}^{(20)} - 2m_{100}^{(00)} m_{111}^{(22)} m_{032}^{(10)} \\
& +m_{100}^{(00)} m_{102}^{(10)} m_{041}^{(22)} - 2m_{100}^{(00)} m_{102}^{(10)} m_{032}^{(21)} + m_{100}^{(00)} m_{102}^{(10)} m_{023}^{(11)} - m_{100}^{(00)} m_{102}^{(11)} m_{131}^{(22)} \\
& +3m_{100}^{(00)} m_{102}^{(11)} m_{122}^{(21)} - 2m_{100}^{(00)} m_{102}^{(11)} m_{113}^{(11)} - m_{100}^{(00)} m_{102}^{(11)} m_{032}^{(20)} + m_{100}^{(00)} m_{102}^{(11)} m_{023}^{(10)} \\
& -m_{100}^{(00)} m_{102}^{(20)} m_{050}^{(22)} + 2m_{100}^{(00)} m_{102}^{(20)} m_{041}^{(21)} - m_{100}^{(00)} m_{102}^{(20)} m_{032}^{(11)} + m_{100}^{(00)} m_{102}^{(21)} m_{140}^{(22)} \\
& -4m_{100}^{(00)} m_{102}^{(21)} m_{131}^{(21)} + 3m_{100}^{(00)} m_{102}^{(21)} m_{122}^{(11)} + 2m_{100}^{(00)} m_{102}^{(21)} m_{041}^{(20)} - 2m_{100}^{(00)} m_{102}^{(21)} m_{032}^{(10)} \\
& +m_{100}^{(00)} m_{102}^{(22)} m_{140}^{(21)} - m_{100}^{(00)} m_{102}^{(22)} m_{131}^{(11)} - m_{100}^{(00)} m_{102}^{(22)} m_{050}^{(20)} + m_{100}^{(00)} m_{102}^{(22)} m_{041}^{(10)} \\
& -m_{100}^{(00)} m_{030}^{(10)} m_{113}^{(22)} + m_{100}^{(00)} m_{030}^{(10)} m_{104}^{(21)} + m_{100}^{(00)} m_{030}^{(10)} m_{014}^{(20)} - m_{100}^{(00)} m_{030}^{(10)} m_{005}^{(10)} \\
& +m_{100}^{(00)} m_{030}^{(20)} m_{122}^{(22)} - m_{100}^{(00)} m_{030}^{(20)} m_{113}^{(21)} - m_{100}^{(00)} m_{030}^{(20)} m_{023}^{(20)} + m_{100}^{(00)} m_{030}^{(20)} m_{014}^{(10)} \\
& +m_{100}^{(00)} m_{030}^{(21)} m_{212}^{(22)} - m_{100}^{(00)} m_{030}^{(21)} m_{203}^{(21)} - m_{100}^{(00)} m_{030}^{(21)} m_{113}^{(20)} + m_{100}^{(00)} m_{030}^{(21)} m_{104}^{(10)} \\
& -m_{100}^{(00)} m_{030}^{(22)} m_{221}^{(22)} + m_{100}^{(00)} m_{030}^{(22)} m_{212}^{(21)} + m_{100}^{(00)} m_{030}^{(22)} m_{122}^{(20)} - m_{100}^{(00)} m_{030}^{(22)} m_{113}^{(10)} \\
& +2m_{100}^{(00)} m_{021}^{(10)} m_{122}^{(22)} - m_{100}^{(00)} m_{021}^{(10)} m_{113}^{(21)} - m_{100}^{(00)} m_{021}^{(10)} m_{104}^{(11)} - 3m_{100}^{(00)} m_{021}^{(10)} m_{023}^{(20)} \\
& +3m_{100}^{(00)} m_{021}^{(10)} m_{014}^{(10)} - m_{100}^{(00)} m_{021}^{(11)} m_{212}^{(22)} + m_{100}^{(00)} m_{021}^{(11)} m_{203}^{(21)} + m_{100}^{(00)} m_{021}^{(11)} m_{113}^{(20)} \\
& -m_{100}^{(00)} m_{021}^{(11)} m_{104}^{(10)} - 2m_{100}^{(00)} m_{021}^{(20)} m_{131}^{(22)} + m_{100}^{(00)} m_{021}^{(20)} m_{122}^{(21)} + m_{100}^{(00)} m_{021}^{(20)} m_{113}^{(11)} \\
& +3m_{100}^{(00)} m_{021}^{(20)} m_{032}^{(20)} - 3m_{100}^{(00)} m_{021}^{(20)} m_{023}^{(10)} - m_{100}^{(00)} m_{021}^{(21)} m_{212}^{(21)} + m_{100}^{(00)} m_{021}^{(21)} m_{203}^{(11)} \\
& +m_{100}^{(00)} m_{021}^{(21)} m_{122}^{(20)} - m_{100}^{(00)} m_{021}^{(21)} m_{113}^{(10)} + m_{100}^{(00)} m_{021}^{(22)} m_{230}^{(22)} - m_{100}^{(00)} m_{021}^{(22)} m_{212}^{(11)} \\
& -2m_{100}^{(00)} m_{021}^{(22)} m_{131}^{(20)} + 2m_{100}^{(00)} m_{021}^{(22)} m_{122}^{(10)} - m_{100}^{(00)} m_{012}^{(10)} m_{131}^{(22)} - m_{100}^{(00)} m_{012}^{(10)} m_{122}^{(21)} \\
& +2m_{100}^{(00)} m_{012}^{(10)} m_{113}^{(11)} + 3m_{100}^{(00)} m_{012}^{(10)} m_{032}^{(20)} - 3m_{100}^{(00)} m_{012}^{(10)} m_{023}^{(10)} + m_{100}^{(00)} m_{012}^{(11)} m_{221}^{(22)} \\
& -m_{100}^{(00)} m_{012}^{(11)} m_{203}^{(11)} - 2m_{100}^{(00)} m_{012}^{(11)} m_{122}^{(20)} + 2m_{100}^{(00)} m_{012}^{(11)} m_{113}^{(10)} + m_{100}^{(00)} m_{012}^{(20)} m_{140}^{(22)} \\
& +m_{100}^{(00)} m_{012}^{(20)} m_{131}^{(21)} - 2m_{100}^{(00)} m_{012}^{(20)} m_{122}^{(11)} - 3m_{100}^{(00)} m_{012}^{(20)} m_{041}^{(20)} + 3m_{100}^{(00)} m_{012}^{(20)} m_{032}^{(10)} \\
& -m_{100}^{(00)} m_{012}^{(21)} m_{230}^{(22)} + m_{100}^{(00)} m_{012}^{(21)} m_{221}^{(21)} + m_{100}^{(00)} m_{012}^{(21)} m_{131}^{(20)} - m_{100}^{(00)} m_{012}^{(21)} m_{122}^{(10)} \\
& -m_{100}^{(00)} m_{012}^{(22)} m_{230}^{(21)} + m_{100}^{(00)} m_{012}^{(22)} m_{221}^{(11)} + m_{100}^{(00)} m_{012}^{(22)} m_{140}^{(20)} - m_{100}^{(00)} m_{012}^{(22)} m_{131}^{(10)} \\
& +m_{100}^{(00)} m_{003}^{(10)} m_{131}^{(21)} - m_{100}^{(00)} m_{003}^{(10)} m_{122}^{(11)} - m_{100}^{(00)} m_{003}^{(10)} m_{041}^{(20)} + m_{100}^{(00)} m_{003}^{(10)} m_{032}^{(10)} \\
& -m_{100}^{(00)} m_{003}^{(11)} m_{221}^{(21)} + m_{100}^{(00)} m_{003}^{(11)} m_{212}^{(11)} + m_{100}^{(00)} m_{003}^{(11)} m_{131}^{(20)} - m_{100}^{(00)} m_{003}^{(11)} m_{122}^{(10)} \\
& -m_{100}^{(00)} m_{003}^{(20)} m_{140}^{(21)} + m_{100}^{(00)} m_{003}^{(20)} m_{131}^{(11)} + m_{100}^{(00)} m_{003}^{(20)} m_{050}^{(20)} - m_{100}^{(00)} m_{003}^{(20)} m_{041}^{(10)} \\
& +m_{100}^{(00)} m_{003}^{(21)} m_{230}^{(21)} - m_{100}^{(00)} m_{003}^{(21)} m_{221}^{(11)} - m_{100}^{(00)} m_{003}^{(21)} m_{140}^{(20)} + m_{100}^{(00)} m_{003}^{(21)} m_{131}^{(10)}
\end{aligned}
$$

$$+m_{100}^{(10)}m_{210}^{(10)}m_{023}^{(22)}-2m_{100}^{(10)}m_{210}^{(10)}m_{014}^{(21)}+m_{100}^{(10)}m_{210}^{(10)}m_{005}^{(11)}+m_{100}^{(10)}m_{210}^{(11)}m_{113}^{(22)}$$
$$-m_{100}^{(10)}m_{210}^{(11)}m_{104}^{(21)}-m_{100}^{(10)}m_{210}^{(11)}m_{014}^{(20)}+m_{100}^{(10)}m_{210}^{(11)}m_{005}^{(10)}-m_{100}^{(10)}m_{210}^{(20)}m_{032}^{(22)}$$
$$+2m_{100}^{(10)}m_{210}^{(20)}m_{023}^{(21)}-m_{100}^{(10)}m_{210}^{(20)}m_{014}^{(11)}-3m_{100}^{(10)}m_{210}^{(21)}m_{122}^{(22)}+4m_{100}^{(10)}m_{210}^{(21)}m_{113}^{(21)}$$
$$-m_{100}^{(10)}m_{210}^{(21)}m_{104}^{(11)}+2m_{100}^{(10)}m_{210}^{(21)}m_{023}^{(20)}-2m_{100}^{(10)}m_{210}^{(21)}m_{014}^{(10)}+2m_{100}^{(10)}m_{210}^{(22)}m_{131}^{(22)}$$
$$-3m_{100}^{(10)}m_{210}^{(22)}m_{122}^{(21)}+m_{100}^{(10)}m_{210}^{(22)}m_{113}^{(11)}-m_{100}^{(10)}m_{210}^{(22)}m_{032}^{(20)}+m_{100}^{(10)}m_{210}^{(22)}m_{023}^{(10)}$$
$$-m_{100}^{(10)}m_{201}^{(10)}m_{032}^{(22)}+2m_{100}^{(10)}m_{201}^{(10)}m_{023}^{(21)}-m_{100}^{(10)}m_{201}^{(10)}m_{014}^{(11)}-m_{100}^{(10)}m_{201}^{(11)}m_{122}^{(22)}$$
$$+m_{100}^{(10)}m_{201}^{(11)}m_{113}^{(21)}+m_{100}^{(10)}m_{201}^{(11)}m_{023}^{(20)}-m_{100}^{(10)}m_{201}^{(11)}m_{014}^{(10)}+m_{100}^{(10)}m_{201}^{(20)}m_{041}^{(22)}$$
$$-2m_{100}^{(10)}m_{201}^{(20)}m_{032}^{(21)}+m_{100}^{(10)}m_{201}^{(20)}m_{023}^{(11)}+3m_{100}^{(10)}m_{201}^{(21)}m_{131}^{(22)}-4m_{100}^{(10)}m_{201}^{(21)}m_{122}^{(21)}$$
$$+m_{100}^{(10)}m_{201}^{(21)}m_{113}^{(11)}-2m_{100}^{(10)}m_{201}^{(21)}m_{032}^{(20)}+2m_{100}^{(10)}m_{201}^{(21)}m_{023}^{(10)}-2m_{100}^{(10)}m_{201}^{(22)}m_{140}^{(22)}$$
$$+3m_{100}^{(10)}m_{201}^{(22)}m_{131}^{(21)}-m_{100}^{(10)}m_{201}^{(22)}m_{122}^{(11)}+m_{100}^{(10)}m_{201}^{(22)}m_{041}^{(20)}-m_{100}^{(10)}m_{201}^{(22)}m_{032}^{(10)}$$
$$-m_{100}^{(10)}m_{120}^{(00)}m_{023}^{(22)}+2m_{100}^{(10)}m_{120}^{(00)}m_{014}^{(21)}-m_{100}^{(10)}m_{120}^{(00)}m_{005}^{(11)}-2m_{100}^{(10)}m_{120}^{(10)}m_{113}^{(22)}$$
$$+2m_{100}^{(10)}m_{120}^{(10)}m_{104}^{(21)}+2m_{100}^{(10)}m_{120}^{(10)}m_{014}^{(20)}-2m_{100}^{(10)}m_{120}^{(10)}m_{005}^{(10)}-m_{100}^{(10)}m_{120}^{(11)}m_{203}^{(22)}$$
$$+2m_{100}^{(10)}m_{120}^{(11)}m_{104}^{(20)}-m_{100}^{(10)}m_{120}^{(11)}m_{005}^{(00)}+4m_{100}^{(10)}m_{120}^{(20)}m_{122}^{(22)}-6m_{100}^{(10)}m_{120}^{(20)}m_{113}^{(21)}$$
$$+2m_{100}^{(10)}m_{120}^{(20)}m_{104}^{(11)}-2m_{100}^{(10)}m_{120}^{(20)}m_{023}^{(20)}+2m_{100}^{(10)}m_{120}^{(20)}m_{014}^{(10)}+4m_{100}^{(10)}m_{120}^{(21)}m_{212}^{(22)}$$
$$-2m_{100}^{(10)}m_{120}^{(21)}m_{203}^{(21)}-6m_{100}^{(10)}m_{120}^{(21)}m_{113}^{(20)}+2m_{100}^{(10)}m_{120}^{(21)}m_{104}^{(10)}+2m_{100}^{(10)}m_{120}^{(21)}m_{014}^{(00)}$$
$$-4m_{100}^{(10)}m_{120}^{(22)}m_{221}^{(22)}+4m_{100}^{(10)}m_{120}^{(22)}m_{212}^{(21)}-m_{100}^{(10)}m_{120}^{(22)}m_{203}^{(11)}+4m_{100}^{(10)}m_{120}^{(22)}m_{122}^{(20)}$$
$$-2m_{100}^{(10)}m_{120}^{(22)}m_{113}^{(10)}-m_{100}^{(10)}m_{120}^{(22)}m_{023}^{(00)}+2m_{100}^{(10)}m_{111}^{(00)}m_{032}^{(22)}-4m_{100}^{(10)}m_{111}^{(00)}m_{023}^{(21)}$$
$$+2m_{100}^{(10)}m_{111}^{(00)}m_{014}^{(11)}+2m_{100}^{(10)}m_{111}^{(10)}m_{122}^{(22)}-2m_{100}^{(10)}m_{111}^{(10)}m_{104}^{(11)}-4m_{100}^{(10)}m_{111}^{(10)}m_{023}^{(20)}$$
$$+4m_{100}^{(10)}m_{111}^{(10)}m_{014}^{(10)}+2m_{100}^{(10)}m_{111}^{(11)}m_{203}^{(21)}-2m_{100}^{(10)}m_{111}^{(11)}m_{113}^{(20)}-2m_{100}^{(10)}m_{111}^{(11)}m_{104}^{(10)}$$
$$+2m_{100}^{(10)}m_{111}^{(11)}m_{014}^{(00)}-6m_{100}^{(10)}m_{111}^{(20)}m_{131}^{(22)}+8m_{100}^{(10)}m_{111}^{(20)}m_{122}^{(21)}-2m_{100}^{(10)}m_{111}^{(20)}m_{113}^{(11)}$$
$$+4m_{100}^{(10)}m_{111}^{(20)}m_{032}^{(20)}-4m_{100}^{(10)}m_{111}^{(20)}m_{023}^{(10)}-2m_{100}^{(10)}m_{111}^{(21)}m_{221}^{(22)}-4m_{100}^{(10)}m_{111}^{(21)}m_{212}^{(21)}$$
$$+2m_{100}^{(10)}m_{111}^{(21)}m_{203}^{(11)}+8m_{100}^{(10)}m_{111}^{(21)}m_{122}^{(20)}-4m_{100}^{(10)}m_{111}^{(21)}m_{023}^{(00)}+4m_{100}^{(10)}m_{111}^{(22)}m_{230}^{(22)}$$
$$-2m_{100}^{(10)}m_{111}^{(22)}m_{221}^{(21)}-6m_{100}^{(10)}m_{111}^{(22)}m_{131}^{(20)}+2m_{100}^{(10)}m_{111}^{(22)}m_{122}^{(10)}+2m_{100}^{(10)}m_{111}^{(22)}m_{032}^{(00)}$$
$$-m_{100}^{(10)}m_{102}^{(00)}m_{041}^{(22)}+2m_{100}^{(10)}m_{102}^{(00)}m_{032}^{(21)}-m_{100}^{(10)}m_{102}^{(00)}m_{023}^{(11)}-2m_{100}^{(10)}m_{102}^{(10)}m_{122}^{(21)}$$
$$+2m_{100}^{(10)}m_{102}^{(10)}m_{113}^{(11)}+2m_{100}^{(10)}m_{102}^{(10)}m_{032}^{(20)}-2m_{100}^{(10)}m_{102}^{(10)}m_{023}^{(10)}+m_{100}^{(10)}m_{102}^{(11)}m_{221}^{(22)}$$
$$-2m_{100}^{(10)}m_{102}^{(11)}m_{212}^{(21)}+2m_{100}^{(10)}m_{102}^{(11)}m_{113}^{(10)}-m_{100}^{(10)}m_{102}^{(11)}m_{023}^{(00)}+2m_{100}^{(10)}m_{102}^{(20)}m_{140}^{(22)}$$
$$-2m_{100}^{(10)}m_{102}^{(20)}m_{131}^{(21)}-2m_{100}^{(10)}m_{102}^{(20)}m_{041}^{(20)}+2m_{100}^{(10)}m_{102}^{(20)}m_{032}^{(10)}-2m_{100}^{(10)}m_{102}^{(21)}m_{230}^{(22)}$$
$$+6m_{100}^{(10)}m_{102}^{(21)}m_{221}^{(21)}-2m_{100}^{(10)}m_{102}^{(21)}m_{212}^{(11)}-2m_{100}^{(10)}m_{102}^{(21)}m_{131}^{(20)}-2m_{100}^{(10)}m_{102}^{(21)}m_{122}^{(10)}$$
$$+2m_{100}^{(10)}m_{102}^{(21)}m_{032}^{(00)}-2m_{100}^{(10)}m_{102}^{(22)}m_{230}^{(21)}+m_{100}^{(10)}m_{102}^{(22)}m_{221}^{(11)}+2m_{100}^{(10)}m_{102}^{(22)}m_{140}^{(20)}$$
$$-m_{100}^{(10)}m_{102}^{(22)}m_{041}^{(00)}+m_{100}^{(10)}m_{030}^{(00)}m_{113}^{(22)}-m_{100}^{(10)}m_{030}^{(00)}m_{104}^{(21)}-m_{100}^{(10)}m_{030}^{(00)}m_{014}^{(20)}$$
$$+m_{100}^{(10)}m_{030}^{(00)}m_{005}^{(10)}+m_{100}^{(10)}m_{030}^{(10)}m_{203}^{(22)}-2m_{100}^{(10)}m_{030}^{(10)}m_{104}^{(20)}+m_{100}^{(10)}m_{030}^{(10)}m_{005}^{(00)}$$
$$-3m_{100}^{(10)}m_{030}^{(20)}m_{212}^{(22)}+2m_{100}^{(10)}m_{030}^{(20)}m_{203}^{(21)}+4m_{100}^{(10)}m_{030}^{(20)}m_{113}^{(20)}-2m_{100}^{(10)}m_{030}^{(20)}m_{104}^{(10)}$$
$$-m_{100}^{(10)}m_{030}^{(20)}m_{014}^{(00)}-m_{100}^{(10)}m_{030}^{(21)}m_{302}^{(22)}+2m_{100}^{(10)}m_{030}^{(21)}m_{203}^{(20)}-m_{100}^{(10)}m_{030}^{(21)}m_{104}^{(00)}$$
$$+2m_{100}^{(10)}m_{030}^{(22)}m_{311}^{(22)}-m_{100}^{(10)}m_{030}^{(22)}m_{302}^{(21)}-3m_{100}^{(10)}m_{030}^{(22)}m_{212}^{(20)}+m_{100}^{(10)}m_{030}^{(22)}m_{203}^{(10)}$$
$$+m_{100}^{(10)}m_{030}^{(22)}m_{113}^{(00)}-2m_{100}^{(10)}m_{021}^{(00)}m_{122}^{(22)}+m_{100}^{(10)}m_{021}^{(00)}m_{113}^{(21)}+m_{100}^{(10)}m_{021}^{(00)}m_{104}^{(11)}$$
$$+3m_{100}^{(10)}m_{021}^{(00)}m_{023}^{(20)}-3m_{100}^{(10)}m_{021}^{(00)}m_{014}^{(10)}-m_{100}^{(10)}m_{021}^{(10)}m_{212}^{(22)}-2m_{100}^{(10)}m_{021}^{(10)}m_{203}^{(21)}$$
$$+4m_{100}^{(10)}m_{021}^{(10)}m_{113}^{(20)}+2m_{100}^{(10)}m_{021}^{(10)}m_{104}^{(10)}-3m_{100}^{(10)}m_{021}^{(10)}m_{014}^{(00)}+m_{100}^{(10)}m_{021}^{(11)}m_{302}^{(22)}$$
$$-2m_{100}^{(10)}m_{021}^{(11)}m_{203}^{(20)}+m_{100}^{(10)}m_{021}^{(11)}m_{104}^{(00)}+5m_{100}^{(10)}m_{021}^{(20)}m_{221}^{(22)}-2m_{100}^{(10)}m_{021}^{(20)}m_{203}^{(11)}$$

$$
\begin{aligned}
&-10m_{100}^{(10)}m_{021}^{(20)}m_{122}^{(20)}+4m_{100}^{(10)}m_{021}^{(20)}m_{113}^{(10)}+3m_{100}^{(10)}m_{021}^{(20)}m_{023}^{(00)}-m_{100}^{(10)}m_{021}^{(21)}m_{311}^{(22)}\\
&+2m_{100}^{(10)}m_{021}^{(21)}m_{302}^{(21)}-2m_{100}^{(10)}m_{021}^{(21)}m_{203}^{(10)}+m_{100}^{(10)}m_{021}^{(21)}m_{113}^{(00)}-2m_{100}^{(10)}m_{021}^{(22)}m_{320}^{(22)}\\
&-m_{100}^{(10)}m_{021}^{(22)}m_{311}^{(21)}+m_{100}^{(10)}m_{021}^{(22)}m_{302}^{(11)}+5m_{100}^{(10)}m_{021}^{(22)}m_{221}^{(20)}-m_{100}^{(10)}m_{021}^{(22)}m_{212}^{(10)}\\
&-2m_{100}^{(10)}m_{021}^{(22)}m_{122}^{(00)}+m_{100}^{(10)}m_{012}^{(00)}m_{131}^{(22)}+m_{100}^{(10)}m_{012}^{(00)}m_{122}^{(21)}-2m_{100}^{(10)}m_{012}^{(00)}m_{113}^{(11)}\\
&-3m_{100}^{(10)}m_{012}^{(00)}m_{032}^{(20)}+3m_{100}^{(10)}m_{012}^{(00)}m_{023}^{(10)}+2m_{100}^{(10)}m_{012}^{(10)}m_{212}^{(21)}+m_{100}^{(10)}m_{012}^{(10)}m_{203}^{(11)}\\
&-2m_{100}^{(10)}m_{012}^{(10)}m_{122}^{(20)}-4m_{100}^{(10)}m_{012}^{(10)}m_{113}^{(10)}+3m_{100}^{(10)}m_{012}^{(10)}m_{023}^{(00)}-m_{100}^{(10)}m_{012}^{(11)}m_{311}^{(22)}\\
&-m_{100}^{(10)}m_{012}^{(11)}m_{302}^{(21)}+3m_{100}^{(10)}m_{012}^{(11)}m_{212}^{(20)}+m_{100}^{(10)}m_{012}^{(11)}m_{203}^{(10)}-2m_{100}^{(10)}m_{012}^{(11)}m_{113}^{(00)}\\
&-2m_{100}^{(10)}m_{012}^{(20)}m_{230}^{(22)}-4m_{100}^{(10)}m_{012}^{(20)}m_{221}^{(21)}+3m_{100}^{(10)}m_{012}^{(20)}m_{212}^{(11)}+8m_{100}^{(10)}m_{012}^{(20)}m_{131}^{(20)}\\
&-2m_{100}^{(10)}m_{012}^{(20)}m_{122}^{(10)}-3m_{100}^{(10)}m_{012}^{(20)}m_{032}^{(00)}+2m_{100}^{(10)}m_{012}^{(21)}m_{320}^{(22)}-m_{100}^{(10)}m_{012}^{(21)}m_{302}^{(11)}\\
&-4m_{100}^{(10)}m_{012}^{(21)}m_{221}^{(20)}+2m_{100}^{(10)}m_{012}^{(21)}m_{212}^{(10)}+m_{100}^{(10)}m_{012}^{(21)}m_{122}^{(00)}+2m_{100}^{(10)}m_{012}^{(22)}m_{320}^{(21)}\\
&-m_{100}^{(10)}m_{012}^{(22)}m_{311}^{(11)}-2m_{100}^{(10)}m_{012}^{(22)}m_{230}^{(20)}+m_{100}^{(10)}m_{012}^{(22)}m_{131}^{(00)}-m_{100}^{(10)}m_{003}^{(00)}m_{131}^{(21)}\\
&+m_{100}^{(10)}m_{003}^{(00)}m_{122}^{(11)}+m_{100}^{(10)}m_{003}^{(00)}m_{041}^{(20)}-m_{100}^{(10)}m_{003}^{(00)}m_{032}^{(10)}-m_{100}^{(10)}m_{003}^{(10)}m_{212}^{(11)}\\
&+2m_{100}^{(10)}m_{003}^{(10)}m_{122}^{(10)}-m_{100}^{(10)}m_{003}^{(10)}m_{032}^{(00)}+m_{100}^{(10)}m_{003}^{(11)}m_{311}^{(21)}-m_{100}^{(10)}m_{003}^{(11)}m_{221}^{(20)}\\
&-m_{100}^{(10)}m_{003}^{(11)}m_{212}^{(10)}+m_{100}^{(10)}m_{003}^{(11)}m_{122}^{(00)}+2m_{100}^{(10)}m_{003}^{(20)}m_{230}^{(21)}-m_{100}^{(10)}m_{003}^{(20)}m_{221}^{(11)}\\
&-2m_{100}^{(10)}m_{003}^{(20)}m_{140}^{(20)}+m_{100}^{(10)}m_{003}^{(20)}m_{041}^{(00)}-2m_{100}^{(10)}m_{003}^{(21)}m_{320}^{(21)}+m_{100}^{(10)}m_{003}^{(21)}m_{311}^{(11)}\\
&+2m_{100}^{(10)}m_{003}^{(21)}m_{230}^{(20)}-m_{100}^{(10)}m_{003}^{(21)}m_{131}^{(00)}-m_{100}^{(11)}m_{210}^{(10)}m_{113}^{(22)}+m_{100}^{(11)}m_{210}^{(10)}m_{104}^{(21)}\\
&+m_{100}^{(11)}m_{210}^{(10)}m_{014}^{(20)}-m_{100}^{(11)}m_{210}^{(10)}m_{005}^{(10)}+m_{100}^{(11)}m_{210}^{(20)}m_{122}^{(22)}-m_{100}^{(11)}m_{210}^{(20)}m_{113}^{(21)}\\
&-m_{100}^{(11)}m_{210}^{(20)}m_{023}^{(20)}+m_{100}^{(11)}m_{210}^{(20)}m_{014}^{(10)}+m_{100}^{(11)}m_{210}^{(21)}m_{212}^{(22)}-m_{100}^{(11)}m_{210}^{(21)}m_{203}^{(21)}\\
&-m_{100}^{(11)}m_{210}^{(21)}m_{113}^{(20)}+m_{100}^{(11)}m_{210}^{(21)}m_{104}^{(10)}-m_{100}^{(11)}m_{210}^{(22)}m_{221}^{(22)}+m_{100}^{(11)}m_{210}^{(22)}m_{212}^{(21)}\\
&+m_{100}^{(11)}m_{210}^{(22)}m_{122}^{(20)}-m_{100}^{(11)}m_{210}^{(22)}m_{113}^{(10)}+m_{100}^{(11)}m_{201}^{(10)}m_{122}^{(22)}-m_{100}^{(11)}m_{201}^{(10)}m_{113}^{(21)}\\
&-m_{100}^{(11)}m_{201}^{(10)}m_{023}^{(20)}+m_{100}^{(11)}m_{201}^{(10)}m_{014}^{(10)}-m_{100}^{(11)}m_{201}^{(20)}m_{131}^{(22)}+m_{100}^{(11)}m_{201}^{(20)}m_{122}^{(21)}\\
&+m_{100}^{(11)}m_{201}^{(20)}m_{032}^{(20)}-m_{100}^{(11)}m_{201}^{(20)}m_{023}^{(10)}-m_{100}^{(11)}m_{201}^{(21)}m_{221}^{(22)}+m_{100}^{(11)}m_{201}^{(21)}m_{212}^{(21)}\\
&+m_{100}^{(11)}m_{201}^{(21)}m_{122}^{(20)}-m_{100}^{(11)}m_{201}^{(21)}m_{113}^{(10)}+m_{100}^{(11)}m_{201}^{(22)}m_{230}^{(22)}-m_{100}^{(11)}m_{201}^{(22)}m_{221}^{(21)}\\
&-m_{100}^{(11)}m_{201}^{(22)}m_{131}^{(20)}+m_{100}^{(11)}m_{201}^{(22)}m_{122}^{(10)}+m_{100}^{(11)}m_{120}^{(00)}m_{113}^{(22)}-m_{100}^{(11)}m_{120}^{(00)}m_{104}^{(21)}\\
&-m_{100}^{(11)}m_{120}^{(00)}m_{014}^{(20)}+m_{100}^{(11)}m_{120}^{(00)}m_{005}^{(10)}+m_{100}^{(11)}m_{120}^{(10)}m_{203}^{(22)}-2m_{100}^{(11)}m_{120}^{(10)}m_{104}^{(20)}\\
&+m_{100}^{(11)}m_{120}^{(10)}m_{005}^{(00)}-3m_{100}^{(11)}m_{120}^{(20)}m_{212}^{(22)}+2m_{100}^{(11)}m_{120}^{(20)}m_{203}^{(21)}+4m_{100}^{(11)}m_{120}^{(20)}m_{113}^{(20)}\\
&-2m_{100}^{(11)}m_{120}^{(20)}m_{104}^{(10)}-m_{100}^{(11)}m_{120}^{(20)}m_{014}^{(00)}-m_{100}^{(11)}m_{120}^{(21)}m_{302}^{(22)}+2m_{100}^{(11)}m_{120}^{(21)}m_{203}^{(20)}\\
&-m_{100}^{(11)}m_{120}^{(21)}m_{104}^{(00)}+2m_{100}^{(11)}m_{120}^{(22)}m_{311}^{(22)}-m_{100}^{(11)}m_{120}^{(22)}m_{302}^{(21)}-3m_{100}^{(11)}m_{120}^{(22)}m_{212}^{(20)}\\
&+m_{100}^{(11)}m_{120}^{(22)}m_{203}^{(10)}+m_{100}^{(11)}m_{120}^{(22)}m_{113}^{(00)}-2m_{100}^{(11)}m_{111}^{(00)}m_{122}^{(22)}+2m_{100}^{(11)}m_{111}^{(00)}m_{113}^{(21)}\\
&+2m_{100}^{(11)}m_{111}^{(00)}m_{023}^{(20)}-2m_{100}^{(11)}m_{111}^{(00)}m_{014}^{(10)}-2m_{100}^{(11)}m_{111}^{(10)}m_{203}^{(21)}+2m_{100}^{(11)}m_{111}^{(10)}m_{113}^{(20)}\\
&+2m_{100}^{(11)}m_{111}^{(10)}m_{104}^{(10)}-2m_{100}^{(11)}m_{111}^{(10)}m_{014}^{(00)}+4m_{100}^{(11)}m_{111}^{(20)}m_{221}^{(22)}-2m_{100}^{(11)}m_{111}^{(20)}m_{212}^{(21)}\\
&-6m_{100}^{(11)}m_{111}^{(20)}m_{122}^{(20)}+2m_{100}^{(11)}m_{111}^{(20)}m_{113}^{(10)}+2m_{100}^{(11)}m_{111}^{(20)}m_{023}^{(00)}+2m_{100}^{(11)}m_{111}^{(21)}m_{302}^{(21)}\\
&-2m_{100}^{(11)}m_{111}^{(21)}m_{212}^{(20)}-2m_{100}^{(11)}m_{111}^{(21)}m_{203}^{(10)}+2m_{100}^{(11)}m_{111}^{(21)}m_{113}^{(00)}-2m_{100}^{(11)}m_{111}^{(22)}m_{320}^{(22)}\\
&+4m_{100}^{(11)}m_{111}^{(22)}m_{221}^{(20)}-2m_{100}^{(11)}m_{111}^{(22)}m_{122}^{(00)}+m_{100}^{(11)}m_{102}^{(00)}m_{131}^{(22)}-m_{100}^{(11)}m_{102}^{(00)}m_{122}^{(21)}\\
&-m_{100}^{(11)}m_{102}^{(00)}m_{032}^{(20)}+m_{100}^{(11)}m_{102}^{(00)}m_{023}^{(10)}-m_{100}^{(11)}m_{102}^{(10)}m_{221}^{(22)}+2m_{100}^{(11)}m_{102}^{(10)}m_{212}^{(21)}\\
&-2m_{100}^{(11)}m_{102}^{(10)}m_{113}^{(10)}+m_{100}^{(11)}m_{102}^{(10)}m_{023}^{(00)}-m_{100}^{(11)}m_{102}^{(20)}m_{230}^{(22)}+2m_{100}^{(11)}m_{102}^{(20)}m_{131}^{(20)}\\
&-m_{100}^{(11)}m_{102}^{(20)}m_{032}^{(00)}+m_{100}^{(11)}m_{102}^{(21)}m_{320}^{(22)}-2m_{100}^{(11)}m_{102}^{(21)}m_{311}^{(21)}+2m_{100}^{(11)}m_{102}^{(21)}m_{212}^{(10)}\\
&-m_{100}^{(11)}m_{102}^{(21)}m_{122}^{(00)}+m_{100}^{(11)}m_{102}^{(22)}m_{320}^{(21)}-m_{100}^{(11)}m_{102}^{(22)}m_{230}^{(20)}-m_{100}^{(11)}m_{102}^{(22)}m_{221}^{(10)}
\end{aligned}
$$

$$+m_{100}^{(11)}m_{102}^{(22)}m_{131}^{(00)} - m_{100}^{(11)}m_{030}^{(00)}m_{203}^{(22)} + 2m_{100}^{(11)}m_{030}^{(00)}m_{104}^{(20)} - m_{100}^{(11)}m_{030}^{(00)}m_{005}^{(00)}$$
$$+2m_{100}^{(11)}m_{030}^{(20)}m_{302}^{(22)} - 4m_{100}^{(11)}m_{030}^{(20)}m_{203}^{(20)} + 2m_{100}^{(11)}m_{030}^{(20)}m_{104}^{(00)} - m_{100}^{(11)}m_{030}^{(22)}m_{401}^{(22)}$$
$$+2m_{100}^{(11)}m_{030}^{(22)}m_{302}^{(20)} - m_{100}^{(11)}m_{030}^{(22)}m_{203}^{(00)} + 2m_{100}^{(11)}m_{021}^{(00)}m_{212}^{(22)} + m_{100}^{(11)}m_{021}^{(00)}m_{203}^{(21)}$$
$$-5m_{100}^{(11)}m_{021}^{(00)}m_{113}^{(20)} - m_{100}^{(11)}m_{021}^{(00)}m_{104}^{(10)} + 3m_{100}^{(11)}m_{021}^{(00)}m_{014}^{(00)} - m_{100}^{(11)}m_{021}^{(10)}m_{302}^{(22)}$$
$$+2m_{100}^{(11)}m_{021}^{(10)}m_{203}^{(20)} - m_{100}^{(11)}m_{021}^{(10)}m_{104}^{(00)} - 3m_{100}^{(11)}m_{021}^{(20)}m_{311}^{(22)} - 2m_{100}^{(11)}m_{021}^{(20)}m_{302}^{(21)}$$
$$+8m_{100}^{(11)}m_{021}^{(20)}m_{212}^{(20)} + 2m_{100}^{(11)}m_{021}^{(20)}m_{203}^{(10)} - 5m_{100}^{(11)}m_{021}^{(20)}m_{113}^{(00)} + m_{100}^{(11)}m_{021}^{(21)}m_{401}^{(22)}$$
$$-2m_{100}^{(11)}m_{021}^{(21)}m_{302}^{(20)} + m_{100}^{(11)}m_{021}^{(21)}m_{203}^{(00)} + m_{100}^{(11)}m_{021}^{(22)}m_{410}^{(22)} + m_{100}^{(11)}m_{021}^{(22)}m_{401}^{(21)}$$
$$-3m_{100}^{(11)}m_{021}^{(22)}m_{311}^{(20)} - m_{100}^{(11)}m_{021}^{(22)}m_{302}^{(10)} + 2m_{100}^{(11)}m_{021}^{(22)}m_{212}^{(00)} - m_{100}^{(11)}m_{012}^{(00)}m_{221}^{(22)}$$
$$-2m_{100}^{(11)}m_{012}^{(00)}m_{212}^{(21)} + 4m_{100}^{(11)}m_{012}^{(00)}m_{122}^{(20)} + 2m_{100}^{(11)}m_{012}^{(00)}m_{113}^{(10)} - 3m_{100}^{(11)}m_{012}^{(00)}m_{023}^{(00)}$$
$$+m_{100}^{(11)}m_{012}^{(10)}m_{311}^{(22)} + m_{100}^{(11)}m_{012}^{(10)}m_{302}^{(21)} - 3m_{100}^{(11)}m_{012}^{(10)}m_{212}^{(20)} - m_{100}^{(11)}m_{012}^{(10)}m_{203}^{(10)}$$
$$+2m_{100}^{(11)}m_{012}^{(10)}m_{113}^{(00)} + m_{100}^{(11)}m_{012}^{(20)}m_{320}^{(22)} + 3m_{100}^{(11)}m_{012}^{(20)}m_{311}^{(21)} - 5m_{100}^{(11)}m_{012}^{(20)}m_{221}^{(20)}$$
$$-3m_{100}^{(11)}m_{012}^{(20)}m_{212}^{(10)} + 4m_{100}^{(11)}m_{012}^{(20)}m_{122}^{(00)} - m_{100}^{(11)}m_{012}^{(21)}m_{410}^{(22)} - m_{100}^{(11)}m_{012}^{(21)}m_{401}^{(21)}$$
$$+3m_{100}^{(11)}m_{012}^{(21)}m_{311}^{(20)} + m_{100}^{(11)}m_{012}^{(21)}m_{302}^{(10)} - 2m_{100}^{(11)}m_{012}^{(21)}m_{212}^{(00)} - m_{100}^{(11)}m_{012}^{(22)}m_{410}^{(21)}$$
$$+m_{100}^{(11)}m_{012}^{(22)}m_{320}^{(20)} + m_{100}^{(11)}m_{012}^{(22)}m_{311}^{(10)} - m_{100}^{(11)}m_{012}^{(22)}m_{221}^{(00)} + m_{100}^{(11)}m_{003}^{(00)}m_{221}^{(21)}$$
$$-m_{100}^{(11)}m_{003}^{(00)}m_{131}^{(20)} - m_{100}^{(11)}m_{003}^{(00)}m_{122}^{(10)} + m_{100}^{(11)}m_{003}^{(00)}m_{032}^{(00)} - m_{100}^{(11)}m_{003}^{(10)}m_{311}^{(21)}$$
$$+m_{100}^{(11)}m_{003}^{(10)}m_{221}^{(20)} + m_{100}^{(11)}m_{003}^{(10)}m_{212}^{(10)} - m_{100}^{(11)}m_{003}^{(10)}m_{122}^{(00)} - m_{100}^{(11)}m_{003}^{(20)}m_{320}^{(21)}$$
$$+m_{100}^{(11)}m_{003}^{(20)}m_{230}^{(20)} + m_{100}^{(11)}m_{003}^{(20)}m_{221}^{(10)} - m_{100}^{(11)}m_{003}^{(20)}m_{131}^{(00)} + m_{100}^{(11)}m_{003}^{(21)}m_{410}^{(21)}$$
$$-m_{100}^{(11)}m_{003}^{(21)}m_{320}^{(20)} - m_{100}^{(11)}m_{003}^{(21)}m_{311}^{(10)} + m_{100}^{(11)}m_{003}^{(21)}m_{221}^{(00)} - m_{100}^{(20)}m_{210}^{(10)}m_{032}^{(22)}$$
$$+2m_{100}^{(20)}m_{210}^{(10)}m_{023}^{(21)} - m_{100}^{(20)}m_{210}^{(10)}m_{014}^{(11)} + m_{100}^{(20)}m_{210}^{(11)}m_{122}^{(22)} - 3m_{100}^{(20)}m_{210}^{(11)}m_{113}^{(21)}$$
$$+2m_{100}^{(20)}m_{210}^{(11)}m_{104}^{(11)} + m_{100}^{(20)}m_{210}^{(11)}m_{023}^{(20)} - m_{100}^{(20)}m_{210}^{(11)}m_{014}^{(10)} + m_{100}^{(20)}m_{210}^{(20)}m_{041}^{(22)}$$
$$-2m_{100}^{(20)}m_{210}^{(20)}m_{032}^{(21)} + m_{100}^{(20)}m_{210}^{(20)}m_{023}^{(11)} - m_{100}^{(20)}m_{210}^{(21)}m_{131}^{(22)} + 4m_{100}^{(20)}m_{210}^{(21)}m_{122}^{(21)}$$
$$-3m_{100}^{(20)}m_{210}^{(21)}m_{113}^{(11)} - 2m_{100}^{(20)}m_{210}^{(21)}m_{032}^{(20)} + 2m_{100}^{(20)}m_{210}^{(21)}m_{023}^{(10)} - m_{100}^{(20)}m_{210}^{(22)}m_{131}^{(21)}$$
$$+m_{100}^{(20)}m_{210}^{(22)}m_{122}^{(11)} + m_{100}^{(20)}m_{210}^{(22)}m_{041}^{(20)} - m_{100}^{(20)}m_{210}^{(22)}m_{032}^{(10)} + m_{100}^{(20)}m_{201}^{(10)}m_{041}^{(22)}$$
$$-2m_{100}^{(20)}m_{201}^{(10)}m_{032}^{(21)} + m_{100}^{(20)}m_{201}^{(10)}m_{023}^{(11)} - m_{100}^{(20)}m_{201}^{(11)}m_{131}^{(22)} + 3m_{100}^{(20)}m_{201}^{(11)}m_{122}^{(21)}$$
$$-2m_{100}^{(20)}m_{201}^{(11)}m_{113}^{(11)} - m_{100}^{(20)}m_{201}^{(11)}m_{032}^{(20)} + m_{100}^{(20)}m_{201}^{(11)}m_{023}^{(10)} - m_{100}^{(20)}m_{201}^{(20)}m_{050}^{(22)}$$
$$+2m_{100}^{(20)}m_{201}^{(20)}m_{041}^{(21)} - m_{100}^{(20)}m_{201}^{(20)}m_{032}^{(11)} + m_{100}^{(20)}m_{201}^{(21)}m_{140}^{(22)} - 4m_{100}^{(20)}m_{201}^{(21)}m_{131}^{(21)}$$
$$+3m_{100}^{(20)}m_{201}^{(21)}m_{122}^{(11)} + 2m_{100}^{(20)}m_{201}^{(21)}m_{041}^{(20)} - 2m_{100}^{(20)}m_{201}^{(21)}m_{032}^{(10)} + m_{100}^{(20)}m_{201}^{(22)}m_{140}^{(21)}$$
$$-m_{100}^{(20)}m_{201}^{(22)}m_{131}^{(11)} - m_{100}^{(20)}m_{201}^{(22)}m_{050}^{(20)} + m_{100}^{(20)}m_{201}^{(22)}m_{041}^{(10)} + m_{100}^{(20)}m_{120}^{(00)}m_{032}^{(22)}$$
$$-2m_{100}^{(20)}m_{120}^{(00)}m_{023}^{(21)} + m_{100}^{(20)}m_{120}^{(00)}m_{014}^{(11)} + 2m_{100}^{(20)}m_{120}^{(10)}m_{113}^{(21)} - 2m_{100}^{(20)}m_{120}^{(10)}m_{104}^{(11)}$$
$$-2m_{100}^{(20)}m_{120}^{(10)}m_{023}^{(20)} + 2m_{100}^{(20)}m_{120}^{(10)}m_{014}^{(10)} - m_{100}^{(20)}m_{120}^{(11)}m_{212}^{(22)} + 2m_{100}^{(20)}m_{120}^{(11)}m_{203}^{(21)}$$
$$-2m_{100}^{(20)}m_{120}^{(11)}m_{104}^{(10)} + m_{100}^{(20)}m_{120}^{(11)}m_{014}^{(00)} - 2m_{100}^{(20)}m_{120}^{(20)}m_{131}^{(22)} + 2m_{100}^{(20)}m_{120}^{(20)}m_{122}^{(21)}$$
$$+2m_{100}^{(20)}m_{120}^{(20)}m_{032}^{(20)} - 2m_{100}^{(20)}m_{120}^{(20)}m_{023}^{(10)} + 2m_{100}^{(20)}m_{120}^{(21)}m_{221}^{(22)} - 6m_{100}^{(20)}m_{120}^{(21)}m_{212}^{(21)}$$
$$+2m_{100}^{(20)}m_{120}^{(21)}m_{203}^{(11)} + 2m_{100}^{(20)}m_{120}^{(21)}m_{122}^{(20)} + 2m_{100}^{(20)}m_{120}^{(21)}m_{113}^{(10)} - 2m_{100}^{(20)}m_{120}^{(21)}m_{023}^{(00)}$$
$$+2m_{100}^{(20)}m_{120}^{(22)}m_{221}^{(21)} - m_{100}^{(20)}m_{120}^{(22)}m_{212}^{(11)} - 2m_{100}^{(20)}m_{120}^{(22)}m_{131}^{(20)} + m_{100}^{(20)}m_{120}^{(22)}m_{032}^{(00)}$$
$$-2m_{100}^{(20)}m_{111}^{(00)}m_{041}^{(22)} + 4m_{100}^{(20)}m_{111}^{(00)}m_{032}^{(21)} - 2m_{100}^{(20)}m_{111}^{(00)}m_{023}^{(11)} + 2m_{100}^{(20)}m_{111}^{(10)}m_{131}^{(22)}$$
$$-8m_{100}^{(20)}m_{111}^{(10)}m_{122}^{(21)} + 6m_{100}^{(20)}m_{111}^{(10)}m_{113}^{(11)} + 4m_{100}^{(20)}m_{111}^{(10)}m_{032}^{(20)} - 4m_{100}^{(20)}m_{111}^{(10)}m_{023}^{(10)}$$
$$+2m_{100}^{(20)}m_{111}^{(11)}m_{212}^{(21)} - 4m_{100}^{(20)}m_{111}^{(11)}m_{203}^{(11)} - 2m_{100}^{(20)}m_{111}^{(11)}m_{122}^{(20)} + 6m_{100}^{(20)}m_{111}^{(11)}m_{113}^{(10)}$$
$$-2m_{100}^{(20)}m_{111}^{(11)}m_{023}^{(00)} + 2m_{100}^{(20)}m_{111}^{(20)}m_{140}^{(22)} - 2m_{100}^{(20)}m_{111}^{(20)}m_{122}^{(11)} - 4m_{100}^{(20)}m_{111}^{(20)}m_{041}^{(20)}$$

$$
\begin{aligned}
&+4m_{100}^{(20)}m_{111}^{(20)}m_{032}^{(10)} - 2m_{100}^{(20)}m_{111}^{(21)}m_{230}^{(22)} + 4m_{100}^{(20)}m_{111}^{(21)}m_{221}^{(21)} + 2m_{100}^{(20)}m_{111}^{(21)}m_{212}^{(11)}\\
&-8m_{100}^{(20)}m_{111}^{(21)}m_{122}^{(10)} + 4m_{100}^{(20)}m_{111}^{(21)}m_{032}^{(00)} - 2m_{100}^{(20)}m_{111}^{(22)}m_{230}^{(21)} + 2m_{100}^{(20)}m_{111}^{(22)}m_{140}^{(20)}\\
&+2m_{100}^{(20)}m_{111}^{(22)}m_{131}^{(10)} - 2m_{100}^{(20)}m_{111}^{(22)}m_{041}^{(00)} + m_{100}^{(20)}m_{102}^{(00)}m_{050}^{(22)} - 2m_{100}^{(20)}m_{102}^{(00)}m_{041}^{(21)}\\
&+m_{100}^{(20)}m_{102}^{(00)}m_{032}^{(11)} - 2m_{100}^{(20)}m_{102}^{(10)}m_{140}^{(22)} + 6m_{100}^{(20)}m_{102}^{(10)}m_{131}^{(21)} - 4m_{100}^{(20)}m_{102}^{(10)}m_{122}^{(11)}\\
&-2m_{100}^{(20)}m_{102}^{(10)}m_{041}^{(20)} + 2m_{100}^{(20)}m_{102}^{(10)}m_{032}^{(10)} + m_{100}^{(20)}m_{102}^{(11)}m_{230}^{(22)} - 4m_{100}^{(20)}m_{102}^{(11)}m_{221}^{(21)}\\
&+4m_{100}^{(20)}m_{102}^{(11)}m_{212}^{(11)} + 2m_{100}^{(20)}m_{102}^{(11)}m_{131}^{(20)} - 4m_{100}^{(20)}m_{102}^{(11)}m_{122}^{(10)} + m_{100}^{(20)}m_{102}^{(11)}m_{032}^{(00)}\\
&-2m_{100}^{(20)}m_{102}^{(20)}m_{140}^{(21)} + 2m_{100}^{(20)}m_{102}^{(20)}m_{131}^{(11)} + 2m_{100}^{(20)}m_{102}^{(20)}m_{050}^{(20)} - 2m_{100}^{(20)}m_{102}^{(20)}m_{041}^{(10)}\\
&+2m_{100}^{(20)}m_{102}^{(21)}m_{230}^{(21)} - 4m_{100}^{(20)}m_{102}^{(21)}m_{221}^{(11)} - 2m_{100}^{(20)}m_{102}^{(21)}m_{140}^{(20)} + 6m_{100}^{(20)}m_{102}^{(21)}m_{131}^{(10)}\\
&-2m_{100}^{(20)}m_{102}^{(21)}m_{041}^{(00)} + m_{100}^{(20)}m_{102}^{(22)}m_{230}^{(11)} - 2m_{100}^{(20)}m_{102}^{(22)}m_{140}^{(10)} + m_{100}^{(20)}m_{102}^{(22)}m_{050}^{(00)}\\
&-m_{100}^{(20)}m_{030}^{(00)}m_{122}^{(22)} + m_{100}^{(20)}m_{030}^{(00)}m_{113}^{(21)} + m_{100}^{(20)}m_{030}^{(00)}m_{023}^{(20)} - m_{100}^{(20)}m_{030}^{(00)}m_{014}^{(10)}\\
&+m_{100}^{(20)}m_{030}^{(10)}m_{212}^{(22)} - 2m_{100}^{(20)}m_{030}^{(10)}m_{203}^{(21)} + 2m_{100}^{(20)}m_{030}^{(10)}m_{104}^{(10)} - m_{100}^{(20)}m_{030}^{(10)}m_{014}^{(00)}\\
&+m_{100}^{(20)}m_{030}^{(20)}m_{221}^{(22)} - 2m_{100}^{(20)}m_{030}^{(20)}m_{122}^{(20)} + m_{100}^{(20)}m_{030}^{(20)}m_{023}^{(00)} - m_{100}^{(20)}m_{030}^{(21)}m_{311}^{(22)}\\
&+2m_{100}^{(20)}m_{030}^{(21)}m_{302}^{(21)} - 2m_{100}^{(20)}m_{030}^{(21)}m_{203}^{(10)} + m_{100}^{(20)}m_{030}^{(21)}m_{113}^{(00)} - m_{100}^{(20)}m_{030}^{(22)}m_{311}^{(21)}\\
&+m_{100}^{(20)}m_{030}^{(22)}m_{221}^{(20)} + m_{100}^{(20)}m_{030}^{(22)}m_{212}^{(10)} - m_{100}^{(20)}m_{030}^{(22)}m_{122}^{(00)} + 2m_{100}^{(20)}m_{021}^{(00)}m_{131}^{(21)}\\
&-m_{100}^{(20)}m_{021}^{(00)}m_{122}^{(21)} - m_{100}^{(20)}m_{021}^{(00)}m_{113}^{(11)} - 3m_{100}^{(20)}m_{021}^{(00)}m_{032}^{(20)} + 3m_{100}^{(20)}m_{021}^{(00)}m_{023}^{(10)}\\
&-3m_{100}^{(20)}m_{021}^{(10)}m_{221}^{(22)} + 4m_{100}^{(20)}m_{021}^{(10)}m_{212}^{(21)} + 2m_{100}^{(20)}m_{021}^{(10)}m_{203}^{(11)} + 2m_{100}^{(20)}m_{021}^{(10)}m_{122}^{(20)}\\
&-8m_{100}^{(20)}m_{021}^{(10)}m_{113}^{(10)} + 3m_{100}^{(20)}m_{021}^{(10)}m_{023}^{(00)} + m_{100}^{(20)}m_{021}^{(11)}m_{311}^{(22)} - 2m_{100}^{(20)}m_{021}^{(11)}m_{302}^{(21)}\\
&+2m_{100}^{(20)}m_{021}^{(11)}m_{203}^{(10)} - m_{100}^{(20)}m_{021}^{(11)}m_{113}^{(00)} - m_{100}^{(20)}m_{021}^{(20)}m_{230}^{(22)} - 2m_{100}^{(20)}m_{021}^{(20)}m_{221}^{(21)}\\
&+4m_{100}^{(20)}m_{021}^{(20)}m_{131}^{(20)} + 2m_{100}^{(20)}m_{021}^{(20)}m_{122}^{(10)} - 3m_{100}^{(20)}m_{021}^{(20)}m_{032}^{(00)} + m_{100}^{(20)}m_{021}^{(21)}m_{320}^{(22)}\\
&-2m_{100}^{(20)}m_{021}^{(21)}m_{302}^{(11)} - 2m_{100}^{(20)}m_{021}^{(21)}m_{221}^{(20)} + 4m_{100}^{(20)}m_{021}^{(21)}m_{212}^{(10)} - m_{100}^{(20)}m_{021}^{(21)}m_{122}^{(00)}\\
&+m_{100}^{(20)}m_{021}^{(22)}m_{320}^{(21)} + m_{100}^{(20)}m_{021}^{(22)}m_{311}^{(11)} - m_{100}^{(20)}m_{021}^{(22)}m_{230}^{(20)} - 3m_{100}^{(20)}m_{021}^{(22)}m_{221}^{(10)}\\
&+2m_{100}^{(20)}m_{021}^{(22)}m_{131}^{(00)} - m_{100}^{(20)}m_{012}^{(00)}m_{140}^{(22)} - m_{100}^{(20)}m_{012}^{(00)}m_{131}^{(21)} + 2m_{100}^{(20)}m_{012}^{(00)}m_{122}^{(11)}\\
&+3m_{100}^{(20)}m_{012}^{(00)}m_{041}^{(20)} - 3m_{100}^{(20)}m_{012}^{(00)}m_{032}^{(10)} + 2m_{100}^{(20)}m_{012}^{(10)}m_{230}^{(22)} - 5m_{100}^{(20)}m_{012}^{(10)}m_{212}^{(11)}\\
&-4m_{100}^{(20)}m_{012}^{(10)}m_{131}^{(20)} + 10m_{100}^{(20)}m_{012}^{(10)}m_{122}^{(10)} - 3m_{100}^{(20)}m_{012}^{(10)}m_{032}^{(00)} - m_{100}^{(20)}m_{012}^{(11)}m_{320}^{(22)}\\
&+m_{100}^{(20)}m_{012}^{(11)}m_{311}^{(21)} + 2m_{100}^{(20)}m_{012}^{(11)}m_{302}^{(11)} + m_{100}^{(20)}m_{012}^{(11)}m_{221}^{(20)} - 5m_{100}^{(20)}m_{012}^{(11)}m_{212}^{(10)}\\
&+2m_{100}^{(20)}m_{012}^{(11)}m_{122}^{(00)} + 2m_{100}^{(20)}m_{012}^{(20)}m_{230}^{(21)} + m_{100}^{(20)}m_{012}^{(20)}m_{221}^{(11)} - 2m_{100}^{(20)}m_{012}^{(20)}m_{140}^{(20)}\\
&-4m_{100}^{(20)}m_{012}^{(20)}m_{131}^{(10)} + 3m_{100}^{(20)}m_{012}^{(20)}m_{041}^{(00)} - 2m_{100}^{(20)}m_{012}^{(21)}m_{320}^{(21)} + m_{100}^{(20)}m_{012}^{(21)}m_{311}^{(11)}\\
&+2m_{100}^{(20)}m_{012}^{(21)}m_{230}^{(20)} - m_{100}^{(20)}m_{012}^{(21)}m_{131}^{(00)} - m_{100}^{(20)}m_{012}^{(22)}m_{320}^{(11)} + 2m_{100}^{(20)}m_{012}^{(22)}m_{230}^{(10)}\\
&-m_{100}^{(20)}m_{012}^{(22)}m_{140}^{(00)} + m_{100}^{(20)}m_{003}^{(00)}m_{140}^{(21)} - m_{100}^{(20)}m_{003}^{(00)}m_{131}^{(11)} - m_{100}^{(20)}m_{003}^{(00)}m_{050}^{(20)}\\
&+m_{100}^{(20)}m_{003}^{(00)}m_{041}^{(10)} - 2m_{100}^{(20)}m_{003}^{(10)}m_{230}^{(21)} + 3m_{100}^{(20)}m_{003}^{(10)}m_{221}^{(11)} + 2m_{100}^{(20)}m_{003}^{(10)}m_{140}^{(20)}\\
&-4m_{100}^{(20)}m_{003}^{(10)}m_{131}^{(10)} + m_{100}^{(20)}m_{003}^{(10)}m_{041}^{(00)} + m_{100}^{(20)}m_{003}^{(11)}m_{320}^{(21)} - 2m_{100}^{(20)}m_{003}^{(11)}m_{311}^{(11)}\\
&-m_{100}^{(20)}m_{003}^{(11)}m_{230}^{(20)} + 3m_{100}^{(20)}m_{003}^{(11)}m_{221}^{(10)} - m_{100}^{(20)}m_{003}^{(11)}m_{131}^{(00)} - m_{100}^{(20)}m_{003}^{(20)}m_{230}^{(11)}\\
&+2m_{100}^{(20)}m_{003}^{(20)}m_{140}^{(10)} - m_{100}^{(20)}m_{003}^{(20)}m_{050}^{(00)} + m_{100}^{(20)}m_{003}^{(21)}m_{320}^{(11)} - 2m_{100}^{(20)}m_{003}^{(21)}m_{230}^{(10)}\\
&+m_{100}^{(20)}m_{003}^{(21)}m_{140}^{(00)} + m_{100}^{(21)}m_{210}^{(10)}m_{122}^{(22)} - m_{100}^{(21)}m_{210}^{(10)}m_{104}^{(11)} - 2m_{100}^{(21)}m_{210}^{(10)}m_{023}^{(20)}\\
&+2m_{100}^{(21)}m_{210}^{(10)}m_{014}^{(10)} - m_{100}^{(21)}m_{210}^{(11)}m_{212}^{(22)} + m_{100}^{(21)}m_{210}^{(11)}m_{203}^{(21)} + m_{100}^{(21)}m_{210}^{(11)}m_{113}^{(20)}\\
&-m_{100}^{(21)}m_{210}^{(11)}m_{104}^{(10)} - m_{100}^{(21)}m_{210}^{(20)}m_{131}^{(22)} + m_{100}^{(21)}m_{210}^{(20)}m_{113}^{(11)} + 2m_{100}^{(21)}m_{210}^{(20)}m_{032}^{(20)}\\
&-2m_{100}^{(21)}m_{210}^{(20)}m_{023}^{(10)} + m_{100}^{(21)}m_{210}^{(21)}m_{221}^{(22)} - 2m_{100}^{(21)}m_{210}^{(21)}m_{212}^{(21)} + m_{100}^{(21)}m_{210}^{(21)}m_{203}^{(11)}\\
&+m_{100}^{(21)}m_{210}^{(22)}m_{221}^{(21)} - m_{100}^{(21)}m_{210}^{(22)}m_{212}^{(11)} - m_{100}^{(21)}m_{210}^{(22)}m_{131}^{(20)} + m_{100}^{(21)}m_{210}^{(22)}m_{122}^{(10)}
\end{aligned}
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\begin{aligned}
&-m_{100}^{(21)}m_{201}^{(10)}m_{131}^{(22)} + m_{100}^{(21)}m_{201}^{(10)}m_{113}^{(11)} + 2m_{100}^{(21)}m_{201}^{(10)}m_{032}^{(20)} - 2m_{100}^{(21)}m_{201}^{(10)}m_{023}^{(10)}\\
&+m_{100}^{(21)}m_{201}^{(11)}m_{221}^{(22)} - m_{100}^{(21)}m_{201}^{(11)}m_{212}^{(21)} - m_{100}^{(21)}m_{201}^{(11)}m_{122}^{(20)} + m_{100}^{(21)}m_{201}^{(11)}m_{113}^{(10)}\\
&+m_{100}^{(21)}m_{201}^{(20)}m_{140}^{(22)} - m_{100}^{(21)}m_{201}^{(20)}m_{122}^{(11)} - 2m_{100}^{(21)}m_{201}^{(20)}m_{041}^{(20)} + 2m_{100}^{(21)}m_{201}^{(20)}m_{032}^{(10)}\\
&-m_{100}^{(21)}m_{201}^{(21)}m_{230}^{(22)} + 2m_{100}^{(21)}m_{201}^{(21)}m_{221}^{(21)} - m_{100}^{(21)}m_{201}^{(21)}m_{212}^{(11)} - m_{100}^{(21)}m_{201}^{(22)}m_{230}^{(21)}\\
&+m_{100}^{(21)}m_{201}^{(22)}m_{221}^{(11)} + m_{100}^{(21)}m_{201}^{(22)}m_{140}^{(20)} - m_{100}^{(21)}m_{201}^{(22)}m_{131}^{(10)} - m_{100}^{(21)}m_{120}^{(00)}m_{122}^{(22)}\\
&+m_{100}^{(21)}m_{120}^{(00)}m_{104}^{(11)} + 2m_{100}^{(21)}m_{120}^{(00)}m_{023}^{(20)} - 2m_{100}^{(21)}m_{120}^{(00)}m_{014}^{(10)} - 2m_{100}^{(21)}m_{120}^{(10)}m_{203}^{(21)}\\
&+2m_{100}^{(21)}m_{120}^{(10)}m_{113}^{(20)} + 2m_{100}^{(21)}m_{120}^{(10)}m_{104}^{(10)} - 2m_{100}^{(21)}m_{120}^{(10)}m_{014}^{(00)} + m_{100}^{(21)}m_{120}^{(11)}m_{302}^{(22)}\\
&-2m_{100}^{(21)}m_{120}^{(11)}m_{203}^{(20)} + m_{100}^{(21)}m_{120}^{(11)}m_{104}^{(00)} + 2m_{100}^{(21)}m_{120}^{(20)}m_{221}^{(22)} + 2m_{100}^{(21)}m_{120}^{(20)}m_{212}^{(21)}\\
&-2m_{100}^{(21)}m_{120}^{(20)}m_{203}^{(11)} - 6m_{100}^{(21)}m_{120}^{(20)}m_{122}^{(20)} + 2m_{100}^{(21)}m_{120}^{(20)}m_{113}^{(10)} + 2m_{100}^{(21)}m_{120}^{(20)}m_{023}^{(00)}\\
&-2m_{100}^{(21)}m_{120}^{(21)}m_{311}^{(22)} + 2m_{100}^{(21)}m_{120}^{(21)}m_{302}^{(21)} + 2m_{100}^{(21)}m_{120}^{(21)}m_{212}^{(20)} - 2m_{100}^{(21)}m_{120}^{(21)}m_{203}^{(10)}\\
&-2m_{100}^{(21)}m_{120}^{(22)}m_{311}^{(21)} + m_{100}^{(21)}m_{120}^{(22)}m_{302}^{(11)} + 2m_{100}^{(21)}m_{120}^{(22)}m_{221}^{(20)} - m_{100}^{(21)}m_{120}^{(22)}m_{122}^{(00)}\\
&+2m_{100}^{(21)}m_{111}^{(00)}m_{131}^{(22)} - 2m_{100}^{(21)}m_{111}^{(00)}m_{113}^{(11)} - 4m_{100}^{(21)}m_{111}^{(00)}m_{032}^{(20)} + 4m_{100}^{(21)}m_{111}^{(00)}m_{023}^{(10)}\\
&-2m_{100}^{(21)}m_{111}^{(10)}m_{221}^{(22)} + 4m_{100}^{(21)}m_{111}^{(10)}m_{212}^{(21)} + 2m_{100}^{(21)}m_{111}^{(10)}m_{203}^{(11)} - 8m_{100}^{(21)}m_{111}^{(10)}m_{113}^{(10)}\\
&+4m_{100}^{(21)}m_{111}^{(10)}m_{023}^{(00)} - 2m_{100}^{(21)}m_{111}^{(11)}m_{302}^{(21)} + 2m_{100}^{(21)}m_{111}^{(11)}m_{212}^{(20)} + 2m_{100}^{(21)}m_{111}^{(11)}m_{203}^{(10)}\\
&-2m_{100}^{(21)}m_{111}^{(11)}m_{113}^{(00)} - 2m_{100}^{(21)}m_{111}^{(20)}m_{230}^{(22)} - 4m_{100}^{(21)}m_{111}^{(20)}m_{221}^{(21)} + 2m_{100}^{(21)}m_{111}^{(20)}m_{212}^{(11)}\\
&+8m_{100}^{(21)}m_{111}^{(20)}m_{131}^{(20)} - 4m_{100}^{(21)}m_{111}^{(20)}m_{032}^{(00)} + 2m_{100}^{(21)}m_{111}^{(21)}m_{320}^{(22)} - 2m_{100}^{(21)}m_{111}^{(21)}m_{302}^{(11)}\\
&-4m_{100}^{(21)}m_{111}^{(21)}m_{221}^{(20)} + 4m_{100}^{(21)}m_{111}^{(21)}m_{212}^{(10)} + 2m_{100}^{(21)}m_{111}^{(22)}m_{320}^{(21)} - 2m_{100}^{(21)}m_{111}^{(22)}m_{230}^{(20)}\\
&-2m_{100}^{(21)}m_{111}^{(22)}m_{221}^{(10)} + 2m_{100}^{(21)}m_{111}^{(22)}m_{131}^{(00)} - m_{100}^{(21)}m_{102}^{(00)}m_{140}^{(22)} + m_{100}^{(21)}m_{102}^{(00)}m_{122}^{(11)}\\
&+2m_{100}^{(21)}m_{102}^{(00)}m_{041}^{(20)} - 2m_{100}^{(21)}m_{102}^{(00)}m_{032}^{(10)} + 2m_{100}^{(21)}m_{102}^{(10)}m_{230}^{(22)} - 2m_{100}^{(21)}m_{102}^{(10)}m_{221}^{(21)}\\
&-2m_{100}^{(21)}m_{102}^{(10)}m_{212}^{(11)} - 2m_{100}^{(21)}m_{102}^{(10)}m_{131}^{(20)} + 6m_{100}^{(21)}m_{102}^{(10)}m_{122}^{(10)} - 2m_{100}^{(21)}m_{102}^{(10)}m_{032}^{(00)}\\
&-m_{100}^{(21)}m_{102}^{(11)}m_{320}^{(22)} + 2m_{100}^{(21)}m_{102}^{(11)}m_{311}^{(21)} - 2m_{100}^{(21)}m_{102}^{(11)}m_{212}^{(10)} + m_{100}^{(21)}m_{102}^{(11)}m_{122}^{(00)}\\
&+2m_{100}^{(21)}m_{102}^{(20)}m_{230}^{(21)} - 2m_{100}^{(21)}m_{102}^{(20)}m_{140}^{(20)} - 2m_{100}^{(21)}m_{102}^{(20)}m_{131}^{(10)} + 2m_{100}^{(21)}m_{102}^{(20)}m_{041}^{(00)}\\
&-2m_{100}^{(21)}m_{102}^{(21)}m_{320}^{(21)} + 2m_{100}^{(21)}m_{102}^{(21)}m_{311}^{(11)} + 2m_{100}^{(21)}m_{102}^{(21)}m_{230}^{(20)} - 2m_{100}^{(21)}m_{102}^{(21)}m_{221}^{(10)}\\
&-m_{100}^{(21)}m_{102}^{(22)}m_{311}^{(11)} + 2m_{100}^{(21)}m_{102}^{(22)}m_{230}^{(10)} - m_{100}^{(21)}m_{102}^{(22)}m_{140}^{(00)} + m_{100}^{(21)}m_{030}^{(00)}m_{212}^{(22)}\\
&+m_{100}^{(21)}m_{030}^{(00)}m_{203}^{(21)} - 3m_{100}^{(21)}m_{030}^{(00)}m_{113}^{(20)} - m_{100}^{(21)}m_{030}^{(00)}m_{104}^{(10)} + 2m_{100}^{(21)}m_{030}^{(00)}m_{014}^{(00)}\\
&-m_{100}^{(21)}m_{030}^{(10)}m_{302}^{(22)} + 2m_{100}^{(21)}m_{030}^{(10)}m_{203}^{(20)} - m_{100}^{(21)}m_{030}^{(10)}m_{104}^{(00)} - m_{100}^{(21)}m_{030}^{(20)}m_{311}^{(22)}\\
&-2m_{100}^{(21)}m_{030}^{(20)}m_{302}^{(21)} + 4m_{100}^{(21)}m_{030}^{(20)}m_{212}^{(20)} + 2m_{100}^{(21)}m_{030}^{(20)}m_{203}^{(10)} - 3m_{100}^{(21)}m_{030}^{(20)}m_{113}^{(00)}\\
&+m_{100}^{(21)}m_{030}^{(21)}m_{401}^{(22)} - 2m_{100}^{(21)}m_{030}^{(21)}m_{302}^{(20)} + m_{100}^{(21)}m_{030}^{(21)}m_{203}^{(00)} + m_{100}^{(21)}m_{030}^{(22)}m_{401}^{(21)}\\
&-m_{100}^{(21)}m_{030}^{(22)}m_{311}^{(20)} - m_{100}^{(21)}m_{030}^{(22)}m_{302}^{(10)} + m_{100}^{(21)}m_{030}^{(22)}m_{212}^{(00)} - 2m_{100}^{(21)}m_{021}^{(00)}m_{221}^{(22)}\\
&-3m_{100}^{(21)}m_{021}^{(00)}m_{212}^{(21)} - m_{100}^{(21)}m_{021}^{(00)}m_{203}^{(11)} + 7m_{100}^{(21)}m_{021}^{(00)}m_{122}^{(20)} + 5m_{100}^{(21)}m_{021}^{(00)}m_{113}^{(10)}\\
&-6m_{100}^{(21)}m_{021}^{(00)}m_{023}^{(00)} + 3m_{100}^{(21)}m_{021}^{(10)}m_{311}^{(22)} + 2m_{100}^{(21)}m_{021}^{(10)}m_{302}^{(21)} - 8m_{100}^{(21)}m_{021}^{(10)}m_{212}^{(20)}\\
&-2m_{100}^{(21)}m_{021}^{(10)}m_{203}^{(10)} + 5m_{100}^{(21)}m_{021}^{(10)}m_{113}^{(00)} - m_{100}^{(21)}m_{021}^{(11)}m_{401}^{(22)} + 2m_{100}^{(21)}m_{021}^{(11)}m_{302}^{(20)}\\
&-m_{100}^{(21)}m_{021}^{(11)}m_{203}^{(00)} + m_{100}^{(21)}m_{021}^{(20)}m_{320}^{(22)} + 4m_{100}^{(21)}m_{021}^{(20)}m_{311}^{(21)} + 2m_{100}^{(21)}m_{021}^{(20)}m_{302}^{(11)}\\
&-6m_{100}^{(21)}m_{021}^{(20)}m_{221}^{(20)} - 8m_{100}^{(21)}m_{021}^{(20)}m_{212}^{(10)} + 7m_{100}^{(21)}m_{021}^{(20)}m_{122}^{(00)} - m_{100}^{(21)}m_{021}^{(21)}m_{410}^{(22)}\\
&-2m_{100}^{(21)}m_{021}^{(21)}m_{401}^{(21)} + 4m_{100}^{(21)}m_{021}^{(21)}m_{311}^{(20)} + 2m_{100}^{(21)}m_{021}^{(21)}m_{302}^{(10)} - 3m_{100}^{(21)}m_{021}^{(21)}m_{212}^{(00)}\\
&-m_{100}^{(21)}m_{021}^{(22)}m_{410}^{(21)} - m_{100}^{(21)}m_{021}^{(22)}m_{401}^{(11)} + m_{100}^{(21)}m_{021}^{(22)}m_{320}^{(20)} + 3m_{100}^{(21)}m_{021}^{(22)}m_{311}^{(10)}\\
&-2m_{100}^{(21)}m_{021}^{(22)}m_{221}^{(00)} + m_{100}^{(21)}m_{012}^{(00)}m_{230}^{(22)} + 3m_{100}^{(21)}m_{012}^{(00)}m_{221}^{(21)} + 2m_{100}^{(21)}m_{012}^{(00)}m_{212}^{(11)}\\
&-5m_{100}^{(21)}m_{012}^{(00)}m_{131}^{(20)} - 7m_{100}^{(21)}m_{012}^{(00)}m_{122}^{(10)} + 6m_{100}^{(21)}m_{012}^{(00)}m_{032}^{(00)} - 2m_{100}^{(21)}m_{012}^{(10)}m_{320}^{(22)}
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\begin{aligned}
&-4m_{100}^{(21)}m_{012}^{(10)}m_{311}^{(21)} - m_{100}^{(21)}m_{012}^{(10)}m_{302}^{(11)} + 8m_{100}^{(21)}m_{012}^{(10)}m_{221}^{(20)} + 6m_{100}^{(21)}m_{012}^{(10)}m_{212}^{(10)}\\
&-7m_{100}^{(21)}m_{012}^{(10)}m_{122}^{(00)} + m_{100}^{(21)}m_{012}^{(11)}m_{410}^{(22)} + m_{100}^{(21)}m_{012}^{(11)}m_{401}^{(21)} - 3m_{100}^{(21)}m_{012}^{(11)}m_{311}^{(20)}\\
&-m_{100}^{(21)}m_{012}^{(11)}m_{302}^{(10)} + 2m_{100}^{(21)}m_{012}^{(11)}m_{212}^{(00)} - 2m_{100}^{(21)}m_{012}^{(20)}m_{320}^{(21)} - 3m_{100}^{(21)}m_{012}^{(20)}m_{311}^{(11)}\\
&+2m_{100}^{(21)}m_{012}^{(20)}m_{230}^{(20)} + 8m_{100}^{(21)}m_{012}^{(20)}m_{221}^{(10)} - 5m_{100}^{(21)}m_{012}^{(20)}m_{131}^{(00)} + 2m_{100}^{(21)}m_{012}^{(21)}m_{410}^{(21)}\\
&+m_{100}^{(21)}m_{012}^{(21)}m_{401}^{(11)} - 2m_{100}^{(21)}m_{012}^{(21)}m_{320}^{(20)} - 4m_{100}^{(21)}m_{012}^{(21)}m_{311}^{(10)} + 3m_{100}^{(21)}m_{012}^{(21)}m_{221}^{(00)}\\
&+m_{100}^{(21)}m_{012}^{(22)}m_{410}^{(11)} - 2m_{100}^{(21)}m_{012}^{(22)}m_{320}^{(10)} + m_{100}^{(21)}m_{012}^{(22)}m_{230}^{(00)} - m_{100}^{(21)}m_{003}^{(00)}m_{230}^{(21)}\\
&-m_{100}^{(21)}m_{003}^{(00)}m_{221}^{(11)} + m_{100}^{(21)}m_{003}^{(00)}m_{140}^{(20)} + 3m_{100}^{(21)}m_{003}^{(00)}m_{131}^{(10)} - 2m_{100}^{(21)}m_{003}^{(00)}m_{041}^{(00)}\\
&+2m_{100}^{(21)}m_{003}^{(10)}m_{320}^{(21)} + m_{100}^{(21)}m_{003}^{(10)}m_{311}^{(11)} - 2m_{100}^{(21)}m_{003}^{(10)}m_{230}^{(20)} - 4m_{100}^{(21)}m_{003}^{(10)}m_{221}^{(10)}\\
&+3m_{100}^{(21)}m_{003}^{(10)}m_{131}^{(00)} - m_{100}^{(21)}m_{003}^{(11)}m_{410}^{(21)} + m_{100}^{(21)}m_{003}^{(11)}m_{320}^{(20)} + m_{100}^{(21)}m_{003}^{(11)}m_{311}^{(10)}\\
&-m_{100}^{(21)}m_{003}^{(11)}m_{221}^{(00)} + m_{100}^{(21)}m_{003}^{(20)}m_{320}^{(11)} - 2m_{100}^{(21)}m_{003}^{(20)}m_{230}^{(10)} + m_{100}^{(21)}m_{003}^{(20)}m_{140}^{(00)}\\
&-m_{100}^{(21)}m_{003}^{(21)}m_{410}^{(11)} + 2m_{100}^{(21)}m_{003}^{(21)}m_{320}^{(10)} - m_{100}^{(21)}m_{003}^{(21)}m_{230}^{(00)} - m_{100}^{(22)}m_{210}^{(10)}m_{122}^{(21)}\\
&+m_{100}^{(22)}m_{210}^{(10)}m_{113}^{(11)} + m_{100}^{(22)}m_{210}^{(10)}m_{032}^{(20)} - m_{100}^{(22)}m_{210}^{(10)}m_{023}^{(10)} + m_{100}^{(22)}m_{210}^{(11)}m_{212}^{(21)}\\
&-m_{100}^{(22)}m_{210}^{(11)}m_{203}^{(11)} - m_{100}^{(22)}m_{210}^{(11)}m_{122}^{(20)} + m_{100}^{(22)}m_{210}^{(11)}m_{113}^{(10)} + m_{100}^{(22)}m_{210}^{(20)}m_{131}^{(21)}\\
&-m_{100}^{(22)}m_{210}^{(20)}m_{122}^{(11)} - m_{100}^{(22)}m_{210}^{(20)}m_{041}^{(20)} + m_{100}^{(22)}m_{210}^{(20)}m_{032}^{(10)} - m_{100}^{(22)}m_{210}^{(21)}m_{221}^{(21)}\\
&+m_{100}^{(22)}m_{210}^{(21)}m_{212}^{(11)} + m_{100}^{(22)}m_{210}^{(21)}m_{131}^{(20)} - m_{100}^{(22)}m_{210}^{(21)}m_{122}^{(10)} + m_{100}^{(22)}m_{201}^{(10)}m_{131}^{(21)}\\
&-m_{100}^{(22)}m_{201}^{(10)}m_{122}^{(11)} - m_{100}^{(22)}m_{201}^{(10)}m_{041}^{(20)} + m_{100}^{(22)}m_{201}^{(10)}m_{032}^{(10)} - m_{100}^{(22)}m_{201}^{(11)}m_{221}^{(21)}\\
&+m_{100}^{(22)}m_{201}^{(11)}m_{212}^{(11)} + m_{100}^{(22)}m_{201}^{(11)}m_{131}^{(20)} - m_{100}^{(22)}m_{201}^{(11)}m_{122}^{(10)} - m_{100}^{(22)}m_{201}^{(20)}m_{140}^{(21)}\\
&+m_{100}^{(22)}m_{201}^{(20)}m_{131}^{(11)} + m_{100}^{(22)}m_{201}^{(20)}m_{050}^{(20)} - m_{100}^{(22)}m_{201}^{(20)}m_{041}^{(10)} + m_{100}^{(22)}m_{201}^{(21)}m_{230}^{(21)}\\
&-m_{100}^{(22)}m_{201}^{(21)}m_{221}^{(11)} - m_{100}^{(22)}m_{201}^{(21)}m_{140}^{(20)} + m_{100}^{(22)}m_{201}^{(21)}m_{131}^{(10)} + m_{100}^{(22)}m_{120}^{(00)}m_{122}^{(21)}\\
&-m_{100}^{(22)}m_{120}^{(00)}m_{113}^{(11)} - m_{100}^{(22)}m_{120}^{(00)}m_{032}^{(20)} + m_{100}^{(22)}m_{120}^{(00)}m_{023}^{(10)} + m_{100}^{(22)}m_{120}^{(10)}m_{203}^{(11)}\\
&-2m_{100}^{(22)}m_{120}^{(10)}m_{113}^{(10)} + m_{100}^{(22)}m_{120}^{(10)}m_{023}^{(00)} - m_{100}^{(22)}m_{120}^{(11)}m_{302}^{(21)} + m_{100}^{(22)}m_{120}^{(11)}m_{212}^{(20)}\\
&+m_{100}^{(22)}m_{120}^{(11)}m_{203}^{(10)} - m_{100}^{(22)}m_{120}^{(11)}m_{113}^{(00)} - 2m_{100}^{(22)}m_{120}^{(20)}m_{221}^{(21)} + m_{100}^{(22)}m_{120}^{(20)}m_{212}^{(11)}\\
&+2m_{100}^{(22)}m_{120}^{(20)}m_{131}^{(20)} - m_{100}^{(22)}m_{120}^{(20)}m_{032}^{(00)} + 2m_{100}^{(22)}m_{120}^{(21)}m_{311}^{(21)} - m_{100}^{(22)}m_{120}^{(21)}m_{302}^{(11)}\\
&-2m_{100}^{(22)}m_{120}^{(21)}m_{221}^{(20)} + m_{100}^{(22)}m_{120}^{(21)}m_{122}^{(00)} - 2m_{100}^{(22)}m_{111}^{(00)}m_{131}^{(21)} + 2m_{100}^{(22)}m_{111}^{(00)}m_{122}^{(11)}\\
&+2m_{100}^{(22)}m_{111}^{(00)}m_{041}^{(20)} - 2m_{100}^{(22)}m_{111}^{(00)}m_{032}^{(10)} + 2m_{100}^{(22)}m_{111}^{(10)}m_{221}^{(21)} - 4m_{100}^{(22)}m_{111}^{(10)}m_{212}^{(11)}\\
&-2m_{100}^{(22)}m_{111}^{(10)}m_{131}^{(20)} + 6m_{100}^{(22)}m_{111}^{(10)}m_{122}^{(10)} - 2m_{100}^{(22)}m_{111}^{(10)}m_{032}^{(00)} + 2m_{100}^{(22)}m_{111}^{(11)}m_{302}^{(11)}\\
&-4m_{100}^{(22)}m_{111}^{(11)}m_{212}^{(10)} + 2m_{100}^{(22)}m_{111}^{(11)}m_{122}^{(00)} + 2m_{100}^{(22)}m_{111}^{(20)}m_{230}^{(21)} - 2m_{100}^{(22)}m_{111}^{(20)}m_{140}^{(20)}\\
&-2m_{100}^{(22)}m_{111}^{(20)}m_{131}^{(10)} + 2m_{100}^{(22)}m_{111}^{(20)}m_{041}^{(00)} - 2m_{100}^{(22)}m_{111}^{(21)}m_{320}^{(21)} + 2m_{100}^{(22)}m_{111}^{(21)}m_{230}^{(20)}\\
&+2m_{100}^{(22)}m_{111}^{(21)}m_{221}^{(10)} - 2m_{100}^{(22)}m_{111}^{(21)}m_{131}^{(00)} + m_{100}^{(22)}m_{102}^{(00)}m_{140}^{(21)} - m_{100}^{(22)}m_{102}^{(00)}m_{131}^{(11)}\\
&-m_{100}^{(22)}m_{102}^{(00)}m_{050}^{(20)} + m_{100}^{(22)}m_{102}^{(00)}m_{041}^{(10)} - 2m_{100}^{(22)}m_{102}^{(10)}m_{230}^{(21)} + 3m_{100}^{(22)}m_{102}^{(10)}m_{221}^{(11)}\\
&+2m_{100}^{(22)}m_{102}^{(10)}m_{140}^{(20)} - 4m_{100}^{(22)}m_{102}^{(10)}m_{131}^{(10)} + m_{100}^{(22)}m_{102}^{(10)}m_{041}^{(00)} + m_{100}^{(22)}m_{102}^{(11)}m_{320}^{(21)}\\
&-2m_{100}^{(22)}m_{102}^{(11)}m_{311}^{(11)} - m_{100}^{(22)}m_{102}^{(11)}m_{230}^{(20)} + 3m_{100}^{(22)}m_{102}^{(11)}m_{221}^{(10)} - m_{100}^{(22)}m_{102}^{(11)}m_{131}^{(00)}\\
&-m_{100}^{(22)}m_{102}^{(20)}m_{230}^{(11)} + 2m_{100}^{(22)}m_{102}^{(20)}m_{140}^{(10)} - m_{100}^{(22)}m_{102}^{(20)}m_{050}^{(00)} + m_{100}^{(22)}m_{102}^{(21)}m_{320}^{(11)}\\
&-2m_{100}^{(22)}m_{102}^{(21)}m_{230}^{(10)} + m_{100}^{(22)}m_{102}^{(21)}m_{140}^{(00)} - m_{100}^{(22)}m_{030}^{(00)}m_{212}^{(21)} + m_{100}^{(22)}m_{030}^{(00)}m_{122}^{(20)}\\
&+m_{100}^{(22)}m_{030}^{(00)}m_{113}^{(10)} - m_{100}^{(22)}m_{030}^{(00)}m_{023}^{(00)} + m_{100}^{(22)}m_{030}^{(10)}m_{302}^{(21)} - m_{100}^{(22)}m_{030}^{(10)}m_{212}^{(20)}\\
&-m_{100}^{(22)}m_{030}^{(10)}m_{203}^{(10)} + m_{100}^{(22)}m_{030}^{(10)}m_{113}^{(00)} + m_{100}^{(22)}m_{030}^{(20)}m_{311}^{(21)} - m_{100}^{(22)}m_{030}^{(20)}m_{221}^{(20)}\\
&-m_{100}^{(22)}m_{030}^{(20)}m_{212}^{(10)} + m_{100}^{(22)}m_{030}^{(20)}m_{122}^{(00)} - m_{100}^{(22)}m_{030}^{(21)}m_{401}^{(21)} + m_{100}^{(22)}m_{030}^{(21)}m_{311}^{(20)}\\
&+m_{100}^{(22)}m_{030}^{(21)}m_{302}^{(10)} - m_{100}^{(22)}m_{030}^{(21)}m_{212}^{(00)} + 2m_{100}^{(22)}m_{021}^{(00)}m_{221}^{(21)} + m_{100}^{(22)}m_{021}^{(00)}m_{212}^{(11)}
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\begin{aligned}
&-2m_{100}^{(22)}m_{021}^{(00)}m_{131}^{(20)} - 4m_{100}^{(22)}m_{021}^{(00)}m_{122}^{(10)} + 3m_{100}^{(22)}m_{021}^{(00)}m_{032}^{(00)} - 3m_{100}^{(22)}m_{021}^{(10)}m_{311}^{(21)}\\
&-m_{100}^{(22)}m_{021}^{(10)}m_{302}^{(11)} + 3m_{100}^{(22)}m_{021}^{(10)}m_{221}^{(20)} + 5m_{100}^{(22)}m_{021}^{(10)}m_{212}^{(10)} - 4m_{100}^{(22)}m_{021}^{(10)}m_{122}^{(00)}\\
&+m_{100}^{(22)}m_{021}^{(11)}m_{401}^{(21)} - m_{100}^{(22)}m_{021}^{(11)}m_{311}^{(20)} - m_{100}^{(22)}m_{021}^{(11)}m_{302}^{(10)} + m_{100}^{(22)}m_{021}^{(11)}m_{212}^{(00)}\\
&-m_{100}^{(22)}m_{021}^{(20)}m_{320}^{(21)} - m_{100}^{(22)}m_{021}^{(20)}m_{311}^{(11)} + m_{100}^{(22)}m_{021}^{(20)}m_{230}^{(20)} + 3m_{100}^{(22)}m_{021}^{(20)}m_{221}^{(10)}\\
&-2m_{100}^{(22)}m_{021}^{(20)}m_{131}^{(00)} + m_{100}^{(22)}m_{021}^{(21)}m_{410}^{(21)} + m_{100}^{(22)}m_{021}^{(21)}m_{401}^{(11)} - m_{100}^{(22)}m_{021}^{(21)}m_{320}^{(20)}\\
&-3m_{100}^{(22)}m_{021}^{(21)}m_{311}^{(10)} + 2m_{100}^{(22)}m_{021}^{(21)}m_{221}^{(00)} - m_{100}^{(22)}m_{012}^{(00)}m_{230}^{(21)} - 2m_{100}^{(22)}m_{012}^{(00)}m_{221}^{(11)}\\
&+m_{100}^{(22)}m_{012}^{(00)}m_{140}^{(20)} + 5m_{100}^{(22)}m_{012}^{(00)}m_{131}^{(10)} - 3m_{100}^{(22)}m_{012}^{(00)}m_{041}^{(00)} + 2m_{100}^{(22)}m_{012}^{(10)}m_{320}^{(21)}\\
&+3m_{100}^{(22)}m_{012}^{(10)}m_{311}^{(11)} - 2m_{100}^{(22)}m_{012}^{(10)}m_{230}^{(20)} - 8m_{100}^{(22)}m_{012}^{(10)}m_{221}^{(10)} + 5m_{100}^{(22)}m_{012}^{(10)}m_{131}^{(00)}\\
&-m_{100}^{(22)}m_{012}^{(11)}m_{410}^{(21)} - m_{100}^{(22)}m_{012}^{(11)}m_{401}^{(11)} + m_{100}^{(22)}m_{012}^{(11)}m_{320}^{(20)} + 3m_{100}^{(22)}m_{012}^{(11)}m_{311}^{(10)}\\
&-2m_{100}^{(22)}m_{012}^{(11)}m_{221}^{(00)} + m_{100}^{(22)}m_{012}^{(20)}m_{320}^{(11)} - 2m_{100}^{(22)}m_{012}^{(20)}m_{230}^{(10)} + m_{100}^{(22)}m_{012}^{(20)}m_{140}^{(00)}\\
&-m_{100}^{(22)}m_{012}^{(21)}m_{410}^{(11)} + 2m_{100}^{(22)}m_{012}^{(21)}m_{320}^{(10)} - m_{100}^{(22)}m_{012}^{(21)}m_{230}^{(00)} + m_{100}^{(22)}m_{003}^{(00)}m_{230}^{(11)}\\
&-2m_{100}^{(22)}m_{003}^{(00)}m_{140}^{(10)} + m_{100}^{(22)}m_{003}^{(00)}m_{050}^{(00)} - 2m_{100}^{(22)}m_{003}^{(10)}m_{320}^{(11)} + 4m_{100}^{(22)}m_{003}^{(10)}m_{230}^{(10)}\\
&-2m_{100}^{(22)}m_{003}^{(10)}m_{140}^{(00)} + m_{100}^{(22)}m_{003}^{(11)}m_{410}^{(11)} - 2m_{100}^{(22)}m_{003}^{(11)}m_{320}^{(10)} + m_{100}^{(22)}m_{003}^{(11)}m_{230}^{(00)}\\
&+m_{010}^{(00)}m_{300}^{(11)}m_{023}^{(22)} - 2m_{010}^{(00)}m_{300}^{(11)}m_{014}^{(21)} + m_{010}^{(00)}m_{300}^{(11)}m_{005}^{(11)} - 2m_{010}^{(00)}m_{300}^{(21)}m_{032}^{(22)}\\
&+4m_{010}^{(00)}m_{300}^{(21)}m_{023}^{(21)} - 2m_{010}^{(00)}m_{300}^{(21)}m_{014}^{(11)} + m_{010}^{(00)}m_{300}^{(22)}m_{041}^{(22)} - 2m_{010}^{(00)}m_{300}^{(22)}m_{032}^{(21)}\\
&+m_{010}^{(00)}m_{300}^{(22)}m_{023}^{(11)} - m_{010}^{(00)}m_{210}^{(10)}m_{023}^{(22)} + 2m_{010}^{(00)}m_{210}^{(10)}m_{014}^{(21)} - m_{010}^{(00)}m_{210}^{(10)}m_{005}^{(11)}\\
&-m_{010}^{(00)}m_{210}^{(11)}m_{113}^{(22)} + m_{010}^{(00)}m_{210}^{(11)}m_{104}^{(21)} + m_{010}^{(00)}m_{210}^{(11)}m_{014}^{(20)} - m_{010}^{(00)}m_{210}^{(11)}m_{005}^{(10)}\\
&+m_{010}^{(00)}m_{210}^{(20)}m_{032}^{(22)} - 2m_{010}^{(00)}m_{210}^{(20)}m_{023}^{(21)} + m_{010}^{(00)}m_{210}^{(20)}m_{014}^{(11)} + 3m_{010}^{(00)}m_{210}^{(21)}m_{122}^{(22)}\\
&-4m_{010}^{(00)}m_{210}^{(21)}m_{113}^{(21)} + m_{010}^{(00)}m_{210}^{(21)}m_{104}^{(11)} - 2m_{010}^{(00)}m_{210}^{(21)}m_{023}^{(20)} + 2m_{010}^{(00)}m_{210}^{(21)}m_{014}^{(10)}\\
&-2m_{010}^{(00)}m_{210}^{(22)}m_{131}^{(22)} + 3m_{010}^{(00)}m_{210}^{(22)}m_{122}^{(21)} - m_{010}^{(00)}m_{210}^{(22)}m_{113}^{(11)} + m_{010}^{(00)}m_{210}^{(22)}m_{032}^{(20)}\\
&-m_{010}^{(00)}m_{210}^{(22)}m_{023}^{(10)} + m_{010}^{(00)}m_{201}^{(10)}m_{032}^{(22)} - 2m_{010}^{(00)}m_{201}^{(10)}m_{023}^{(21)} + m_{010}^{(00)}m_{201}^{(10)}m_{014}^{(11)}\\
&-2m_{010}^{(00)}m_{201}^{(11)}m_{122}^{(22)} + 5m_{010}^{(00)}m_{201}^{(11)}m_{113}^{(21)} - 3m_{010}^{(00)}m_{201}^{(11)}m_{104}^{(11)} - m_{010}^{(00)}m_{201}^{(11)}m_{023}^{(20)}\\
&+m_{010}^{(00)}m_{201}^{(11)}m_{014}^{(10)} - m_{010}^{(00)}m_{201}^{(20)}m_{041}^{(22)} + 2m_{010}^{(00)}m_{201}^{(20)}m_{032}^{(21)} - m_{010}^{(00)}m_{201}^{(20)}m_{023}^{(11)}\\
&+3m_{010}^{(00)}m_{201}^{(21)}m_{131}^{(22)} - 8m_{010}^{(00)}m_{201}^{(21)}m_{122}^{(21)} + 5m_{010}^{(00)}m_{201}^{(21)}m_{113}^{(11)} + 2m_{010}^{(00)}m_{201}^{(21)}m_{032}^{(20)}\\
&-2m_{010}^{(00)}m_{201}^{(21)}m_{023}^{(10)} - m_{010}^{(00)}m_{201}^{(22)}m_{140}^{(22)} + 3m_{010}^{(00)}m_{201}^{(22)}m_{131}^{(21)} - 2m_{010}^{(00)}m_{201}^{(22)}m_{122}^{(11)}\\
&-m_{010}^{(00)}m_{201}^{(22)}m_{041}^{(20)} + m_{010}^{(00)}m_{201}^{(22)}m_{032}^{(10)} + m_{010}^{(00)}m_{120}^{(10)}m_{113}^{(22)} - m_{010}^{(00)}m_{120}^{(10)}m_{104}^{(21)}\\
&-m_{010}^{(00)}m_{120}^{(10)}m_{014}^{(20)} + m_{010}^{(00)}m_{120}^{(10)}m_{005}^{(10)} - m_{010}^{(00)}m_{120}^{(20)}m_{122}^{(22)} + m_{010}^{(00)}m_{120}^{(20)}m_{113}^{(21)}\\
&+m_{010}^{(00)}m_{120}^{(20)}m_{023}^{(20)} - m_{010}^{(00)}m_{120}^{(20)}m_{014}^{(10)} - m_{010}^{(00)}m_{120}^{(21)}m_{212}^{(22)} + m_{010}^{(00)}m_{120}^{(21)}m_{203}^{(21)}\\
&+m_{010}^{(00)}m_{120}^{(21)}m_{113}^{(20)} - m_{010}^{(00)}m_{120}^{(21)}m_{104}^{(10)} + m_{010}^{(00)}m_{120}^{(22)}m_{221}^{(22)} - m_{010}^{(00)}m_{120}^{(22)}m_{212}^{(21)}\\
&-m_{010}^{(00)}m_{120}^{(22)}m_{122}^{(20)} + m_{010}^{(00)}m_{120}^{(22)}m_{113}^{(10)} - 2m_{010}^{(00)}m_{111}^{(10)}m_{113}^{(21)} + 2m_{010}^{(00)}m_{111}^{(10)}m_{104}^{(11)}\\
&+2m_{010}^{(00)}m_{111}^{(10)}m_{023}^{(20)} - 2m_{010}^{(00)}m_{111}^{(10)}m_{014}^{(10)} + 2m_{010}^{(00)}m_{111}^{(11)}m_{212}^{(22)} - 2m_{010}^{(00)}m_{111}^{(11)}m_{203}^{(21)}\\
&-2m_{010}^{(00)}m_{111}^{(11)}m_{113}^{(20)} + 2m_{010}^{(00)}m_{111}^{(11)}m_{104}^{(10)} + 2m_{010}^{(00)}m_{111}^{(20)}m_{122}^{(21)} - 2m_{010}^{(00)}m_{111}^{(20)}m_{113}^{(11)}\\
&-2m_{010}^{(00)}m_{111}^{(20)}m_{032}^{(20)} + 2m_{010}^{(00)}m_{111}^{(20)}m_{023}^{(10)} - 4m_{010}^{(00)}m_{111}^{(21)}m_{221}^{(22)} + 6m_{010}^{(00)}m_{111}^{(21)}m_{212}^{(21)}\\
&-2m_{010}^{(00)}m_{111}^{(21)}m_{203}^{(11)} + 2m_{010}^{(00)}m_{111}^{(21)}m_{122}^{(20)} - 2m_{010}^{(00)}m_{111}^{(21)}m_{113}^{(10)} + 2m_{010}^{(00)}m_{111}^{(22)}m_{230}^{(22)}\\
&-4m_{010}^{(00)}m_{111}^{(22)}m_{221}^{(21)} + 2m_{010}^{(00)}m_{111}^{(22)}m_{212}^{(11)} - m_{010}^{(00)}m_{102}^{(10)}m_{131}^{(22)} + 3m_{010}^{(00)}m_{102}^{(10)}m_{122}^{(21)}\\
&-2m_{010}^{(00)}m_{102}^{(10)}m_{113}^{(11)} - m_{010}^{(00)}m_{102}^{(10)}m_{032}^{(20)} + m_{010}^{(00)}m_{102}^{(10)}m_{023}^{(10)} + m_{010}^{(00)}m_{102}^{(11)}m_{221}^{(22)}\\
&-4m_{010}^{(00)}m_{102}^{(11)}m_{212}^{(21)} + 3m_{010}^{(00)}m_{102}^{(11)}m_{203}^{(11)} + 2m_{010}^{(00)}m_{102}^{(11)}m_{122}^{(20)} - 2m_{010}^{(00)}m_{102}^{(11)}m_{113}^{(10)}\\
&+m_{010}^{(00)}m_{102}^{(20)}m_{140}^{(22)} - 3m_{010}^{(00)}m_{102}^{(20)}m_{131}^{(21)} + 2m_{010}^{(00)}m_{102}^{(20)}m_{122}^{(11)} + m_{010}^{(00)}m_{102}^{(20)}m_{041}^{(20)}
\end{aligned}
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\begin{aligned}
&-m_{010}^{(00)}m_{102}^{(20)}m_{032}^{(10)} - m_{010}^{(00)}m_{102}^{(21)}m_{230}^{(22)} + 5m_{010}^{(00)}m_{102}^{(21)}m_{221}^{(21)} - 4m_{010}^{(00)}m_{102}^{(21)}m_{212}^{(11)}\\
&-3m_{010}^{(00)}m_{102}^{(21)}m_{131}^{(20)} + 3m_{010}^{(00)}m_{102}^{(21)}m_{122}^{(10)} - m_{010}^{(00)}m_{102}^{(22)}m_{221}^{(21)} + m_{010}^{(00)}m_{102}^{(22)}m_{221}^{(11)}\\
&+m_{010}^{(00)}m_{102}^{(22)}m_{140}^{(20)} - m_{010}^{(00)}m_{102}^{(22)}m_{131}^{(10)} - m_{010}^{(00)}m_{021}^{(10)}m_{212}^{(22)} + m_{010}^{(00)}m_{021}^{(10)}m_{203}^{(21)}\\
&+m_{010}^{(00)}m_{021}^{(10)}m_{113}^{(20)} - m_{010}^{(00)}m_{021}^{(10)}m_{104}^{(10)} + m_{010}^{(00)}m_{021}^{(20)}m_{221}^{(22)} - m_{010}^{(00)}m_{021}^{(20)}m_{212}^{(21)}\\
&-m_{010}^{(00)}m_{021}^{(20)}m_{122}^{(20)} + m_{010}^{(00)}m_{021}^{(20)}m_{113}^{(10)} + m_{010}^{(00)}m_{021}^{(21)}m_{311}^{(22)} - m_{010}^{(00)}m_{021}^{(21)}m_{302}^{(21)}\\
&-m_{010}^{(00)}m_{021}^{(21)}m_{212}^{(20)} + m_{010}^{(00)}m_{021}^{(21)}m_{203}^{(10)} - m_{010}^{(00)}m_{021}^{(22)}m_{320}^{(22)} + m_{010}^{(00)}m_{021}^{(22)}m_{311}^{(21)}\\
&+m_{010}^{(00)}m_{021}^{(22)}m_{221}^{(20)} - m_{010}^{(00)}m_{021}^{(22)}m_{212}^{(10)} + m_{010}^{(00)}m_{012}^{(10)}m_{221}^{(22)} - m_{010}^{(00)}m_{012}^{(10)}m_{203}^{(11)}\\
&-2m_{010}^{(00)}m_{012}^{(10)}m_{122}^{(20)} + 2m_{010}^{(00)}m_{012}^{(10)}m_{113}^{(10)} - m_{010}^{(00)}m_{012}^{(11)}m_{311}^{(22)} + m_{010}^{(00)}m_{012}^{(11)}m_{302}^{(21)}\\
&+m_{010}^{(00)}m_{012}^{(11)}m_{212}^{(20)} - m_{010}^{(00)}m_{012}^{(11)}m_{203}^{(10)} - m_{010}^{(00)}m_{012}^{(20)}m_{230}^{(22)} + m_{010}^{(00)}m_{012}^{(20)}m_{212}^{(11)}\\
&+2m_{010}^{(00)}m_{012}^{(20)}m_{131}^{(20)} - 2m_{010}^{(00)}m_{012}^{(20)}m_{122}^{(10)} + m_{010}^{(00)}m_{012}^{(21)}m_{320}^{(22)} - 2m_{010}^{(00)}m_{012}^{(21)}m_{311}^{(21)}\\
&+m_{010}^{(00)}m_{012}^{(21)}m_{302}^{(11)} + m_{010}^{(00)}m_{012}^{(22)}m_{320}^{(21)} - m_{010}^{(00)}m_{012}^{(22)}m_{311}^{(11)} - m_{010}^{(00)}m_{012}^{(22)}m_{230}^{(20)}\\
&+m_{010}^{(00)}m_{012}^{(22)}m_{221}^{(10)} - m_{010}^{(00)}m_{003}^{(10)}m_{221}^{(21)} + m_{010}^{(00)}m_{003}^{(10)}m_{212}^{(11)} + m_{010}^{(00)}m_{003}^{(10)}m_{131}^{(20)}\\
&-m_{010}^{(00)}m_{003}^{(10)}m_{122}^{(10)} + m_{010}^{(00)}m_{003}^{(11)}m_{311}^{(21)} - m_{010}^{(00)}m_{003}^{(11)}m_{302}^{(11)} - m_{010}^{(00)}m_{003}^{(11)}m_{221}^{(20)}\\
&+m_{010}^{(00)}m_{003}^{(11)}m_{212}^{(10)} + m_{010}^{(00)}m_{003}^{(20)}m_{230}^{(21)} - m_{010}^{(00)}m_{003}^{(20)}m_{221}^{(11)} - m_{010}^{(00)}m_{003}^{(20)}m_{140}^{(20)}\\
&+m_{010}^{(00)}m_{003}^{(20)}m_{131}^{(10)} - m_{010}^{(00)}m_{003}^{(21)}m_{320}^{(21)} + m_{010}^{(00)}m_{003}^{(21)}m_{311}^{(11)} + m_{010}^{(00)}m_{003}^{(21)}m_{230}^{(20)}\\
&-m_{010}^{(00)}m_{003}^{(21)}m_{221}^{(10)} - m_{010}^{(10)}m_{300}^{(10)}m_{023}^{(22)} + 2m_{010}^{(10)}m_{300}^{(10)}m_{014}^{(21)} - m_{010}^{(10)}m_{300}^{(10)}m_{005}^{(11)}\\
&-m_{010}^{(10)}m_{300}^{(11)}m_{113}^{(22)} + m_{010}^{(10)}m_{300}^{(11)}m_{104}^{(21)} + m_{010}^{(10)}m_{300}^{(11)}m_{014}^{(20)} - m_{010}^{(10)}m_{300}^{(11)}m_{005}^{(10)}\\
&+m_{010}^{(10)}m_{300}^{(20)}m_{032}^{(22)} - 2m_{010}^{(10)}m_{300}^{(20)}m_{023}^{(21)} + m_{010}^{(10)}m_{300}^{(20)}m_{014}^{(11)} + 3m_{010}^{(10)}m_{300}^{(21)}m_{122}^{(22)}\\
&-4m_{010}^{(10)}m_{300}^{(21)}m_{113}^{(21)} + m_{010}^{(10)}m_{300}^{(21)}m_{104}^{(11)} - 2m_{010}^{(10)}m_{300}^{(21)}m_{023}^{(20)} + 2m_{010}^{(10)}m_{300}^{(21)}m_{014}^{(10)}\\
&-2m_{010}^{(10)}m_{300}^{(22)}m_{131}^{(22)} + 3m_{010}^{(10)}m_{300}^{(22)}m_{122}^{(21)} - m_{010}^{(10)}m_{300}^{(22)}m_{113}^{(11)} + m_{010}^{(10)}m_{300}^{(22)}m_{032}^{(20)}\\
&-m_{010}^{(10)}m_{300}^{(22)}m_{023}^{(10)} + m_{010}^{(10)}m_{210}^{(00)}m_{023}^{(22)} - 2m_{010}^{(10)}m_{210}^{(00)}m_{014}^{(21)} + m_{010}^{(10)}m_{210}^{(00)}m_{005}^{(11)}\\
&+2m_{010}^{(10)}m_{210}^{(10)}m_{113}^{(22)} - 2m_{010}^{(10)}m_{210}^{(10)}m_{104}^{(21)} - 2m_{010}^{(10)}m_{210}^{(10)}m_{014}^{(20)} + 2m_{010}^{(10)}m_{210}^{(10)}m_{005}^{(10)}\\
&+m_{010}^{(10)}m_{210}^{(11)}m_{203}^{(22)} - 2m_{010}^{(10)}m_{210}^{(11)}m_{104}^{(20)} + m_{010}^{(10)}m_{210}^{(11)}m_{005}^{(00)} - 4m_{010}^{(10)}m_{210}^{(20)}m_{122}^{(22)}\\
&+6m_{010}^{(10)}m_{210}^{(20)}m_{113}^{(21)} - 2m_{010}^{(10)}m_{210}^{(20)}m_{104}^{(11)} + 2m_{010}^{(10)}m_{210}^{(20)}m_{023}^{(20)} - 2m_{010}^{(10)}m_{210}^{(20)}m_{014}^{(10)}\\
&-4m_{010}^{(10)}m_{210}^{(21)}m_{212}^{(22)} + 2m_{010}^{(10)}m_{210}^{(21)}m_{203}^{(21)} + 6m_{010}^{(10)}m_{210}^{(21)}m_{113}^{(20)} - 2m_{010}^{(10)}m_{210}^{(21)}m_{104}^{(10)}\\
&-2m_{010}^{(10)}m_{210}^{(21)}m_{014}^{(00)} + 4m_{010}^{(10)}m_{210}^{(22)}m_{221}^{(22)} - 4m_{010}^{(10)}m_{210}^{(22)}m_{212}^{(21)} + m_{010}^{(10)}m_{210}^{(22)}m_{203}^{(11)}\\
&-4m_{010}^{(10)}m_{210}^{(22)}m_{122}^{(20)} + 2m_{010}^{(10)}m_{210}^{(22)}m_{113}^{(10)} + m_{010}^{(10)}m_{210}^{(22)}m_{023}^{(00)} - m_{010}^{(10)}m_{201}^{(00)}m_{032}^{(22)}\\
&+2m_{010}^{(10)}m_{201}^{(00)}m_{023}^{(21)} - m_{010}^{(10)}m_{201}^{(00)}m_{014}^{(11)} + m_{010}^{(10)}m_{201}^{(10)}m_{122}^{(22)} - 4m_{010}^{(10)}m_{201}^{(10)}m_{113}^{(21)}\\
&+3m_{010}^{(10)}m_{201}^{(10)}m_{104}^{(11)} + 2m_{010}^{(10)}m_{201}^{(10)}m_{023}^{(20)} - 2m_{010}^{(10)}m_{201}^{(10)}m_{014}^{(10)} + 2m_{010}^{(10)}m_{201}^{(11)}m_{212}^{(22)}\\
&-3m_{010}^{(10)}m_{201}^{(11)}m_{203}^{(21)} - m_{010}^{(10)}m_{201}^{(11)}m_{113}^{(20)} + 3m_{010}^{(10)}m_{201}^{(11)}m_{104}^{(10)} - m_{010}^{(10)}m_{201}^{(11)}m_{014}^{(00)}\\
&+m_{010}^{(10)}m_{201}^{(20)}m_{131}^{(22)} - m_{010}^{(10)}m_{201}^{(20)}m_{113}^{(11)} - 2m_{010}^{(10)}m_{201}^{(20)}m_{032}^{(20)} + 2m_{010}^{(10)}m_{201}^{(20)}m_{023}^{(10)}\\
&-5m_{010}^{(10)}m_{201}^{(21)}m_{221}^{(22)} + 10m_{010}^{(10)}m_{201}^{(21)}m_{212}^{(21)} - 3m_{010}^{(10)}m_{201}^{(21)}m_{203}^{(11)} - 4m_{010}^{(10)}m_{201}^{(21)}m_{113}^{(10)}\\
&+2m_{010}^{(10)}m_{201}^{(21)}m_{023}^{(00)} + 2m_{010}^{(10)}m_{201}^{(22)}m_{230}^{(22)} - 5m_{010}^{(10)}m_{201}^{(22)}m_{221}^{(21)} + 2m_{010}^{(10)}m_{201}^{(22)}m_{212}^{(11)}\\
&+m_{010}^{(10)}m_{201}^{(22)}m_{131}^{(20)} + m_{010}^{(10)}m_{201}^{(22)}m_{122}^{(10)} - m_{010}^{(10)}m_{201}^{(22)}m_{032}^{(00)} - m_{010}^{(10)}m_{120}^{(00)}m_{113}^{(22)}\\
&+m_{010}^{(10)}m_{120}^{(00)}m_{104}^{(21)} + m_{010}^{(10)}m_{120}^{(00)}m_{014}^{(20)} - m_{010}^{(10)}m_{120}^{(00)}m_{005}^{(10)} - m_{010}^{(10)}m_{120}^{(10)}m_{203}^{(22)}\\
&+2m_{010}^{(10)}m_{120}^{(10)}m_{104}^{(20)} - m_{010}^{(10)}m_{120}^{(10)}m_{005}^{(00)} + 3m_{010}^{(10)}m_{120}^{(20)}m_{212}^{(22)} - 2m_{010}^{(10)}m_{120}^{(20)}m_{203}^{(21)}\\
&-4m_{010}^{(10)}m_{120}^{(20)}m_{113}^{(20)} + 2m_{010}^{(10)}m_{120}^{(20)}m_{104}^{(10)} + m_{010}^{(10)}m_{120}^{(20)}m_{014}^{(00)} + m_{010}^{(10)}m_{120}^{(21)}m_{302}^{(22)}\\
&-2m_{010}^{(10)}m_{120}^{(21)}m_{203}^{(20)} + m_{010}^{(10)}m_{120}^{(21)}m_{104}^{(00)} - 2m_{010}^{(10)}m_{120}^{(22)}m_{311}^{(22)} + m_{010}^{(10)}m_{120}^{(22)}m_{302}^{(21)}
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\begin{aligned}
&+3m_{010}^{(10)}m_{120}^{(22)}m_{212}^{(20)} - m_{010}^{(10)}m_{120}^{(22)}m_{203}^{(10)} - m_{010}^{(10)}m_{120}^{(22)}m_{113}^{(00)} + 2m_{010}^{(10)}m_{111}^{(00)}m_{113}^{(21)}\\
&-2m_{010}^{(10)}m_{111}^{(00)}m_{104}^{(11)} - 2m_{010}^{(10)}m_{111}^{(00)}m_{023}^{(20)} + 2m_{010}^{(10)}m_{111}^{(00)}m_{014}^{(10)} - 2m_{010}^{(10)}m_{111}^{(10)}m_{212}^{(22)}\\
&+4m_{010}^{(10)}m_{111}^{(10)}m_{203}^{(21)} - 4m_{010}^{(10)}m_{111}^{(10)}m_{104}^{(10)} + 2m_{010}^{(10)}m_{111}^{(10)}m_{014}^{(00)} - 2m_{010}^{(10)}m_{111}^{(11)}m_{302}^{(22)}\\
&+4m_{010}^{(10)}m_{111}^{(11)}m_{203}^{(20)} - 2m_{010}^{(10)}m_{111}^{(11)}m_{104}^{(00)} + 2m_{010}^{(10)}m_{111}^{(20)}m_{221}^{(22)} - 8m_{010}^{(10)}m_{111}^{(20)}m_{212}^{(21)}\\
&+4m_{010}^{(10)}m_{111}^{(20)}m_{203}^{(11)} + 4m_{010}^{(10)}m_{111}^{(20)}m_{122}^{(20)} - 2m_{010}^{(10)}m_{111}^{(20)}m_{023}^{(00)} + 6m_{010}^{(10)}m_{111}^{(21)}m_{311}^{(22)}\\
&-4m_{010}^{(10)}m_{111}^{(21)}m_{302}^{(21)} - 8m_{010}^{(10)}m_{111}^{(21)}m_{212}^{(20)} + 4m_{010}^{(10)}m_{111}^{(21)}m_{203}^{(10)} + 2m_{010}^{(10)}m_{111}^{(21)}m_{113}^{(00)}\\
&-4m_{010}^{(10)}m_{111}^{(22)}m_{320}^{(22)} + 6m_{010}^{(10)}m_{111}^{(22)}m_{311}^{(21)} - 2m_{010}^{(10)}m_{111}^{(22)}m_{302}^{(11)} + 2m_{010}^{(10)}m_{111}^{(22)}m_{221}^{(20)}\\
&-2m_{010}^{(10)}m_{111}^{(22)}m_{212}^{(10)} + m_{010}^{(10)}m_{102}^{(00)}m_{131}^{(22)} - 3m_{010}^{(10)}m_{102}^{(00)}m_{122}^{(21)} + 2m_{010}^{(10)}m_{102}^{(00)}m_{113}^{(11)}\\
&+m_{010}^{(10)}m_{102}^{(00)}m_{032}^{(20)} - m_{010}^{(10)}m_{102}^{(00)}m_{023}^{(10)} + 2m_{010}^{(10)}m_{102}^{(10)}m_{212}^{(21)} - 3m_{010}^{(10)}m_{102}^{(10)}m_{203}^{(11)}\\
&-2m_{010}^{(10)}m_{102}^{(10)}m_{122}^{(20)} + 4m_{010}^{(10)}m_{102}^{(10)}m_{113}^{(10)} - m_{010}^{(10)}m_{102}^{(10)}m_{023}^{(00)} - m_{010}^{(10)}m_{102}^{(11)}m_{311}^{(22)}\\
&+3m_{010}^{(10)}m_{102}^{(11)}m_{302}^{(21)} - m_{010}^{(10)}m_{102}^{(11)}m_{212}^{(20)} - 3m_{010}^{(10)}m_{102}^{(11)}m_{203}^{(10)} + 2m_{010}^{(10)}m_{102}^{(11)}m_{113}^{(00)}\\
&-2m_{010}^{(10)}m_{102}^{(20)}m_{230}^{(22)} + 4m_{010}^{(10)}m_{102}^{(20)}m_{221}^{(21)} - m_{010}^{(10)}m_{102}^{(20)}m_{212}^{(11)} - 2m_{010}^{(10)}m_{102}^{(20)}m_{122}^{(10)}\\
&+m_{010}^{(10)}m_{102}^{(20)}m_{032}^{(00)} + 2m_{010}^{(10)}m_{102}^{(21)}m_{320}^{(22)} - 8m_{010}^{(10)}m_{102}^{(21)}m_{311}^{(21)} + 3m_{010}^{(10)}m_{102}^{(21)}m_{302}^{(11)}\\
&+4m_{010}^{(10)}m_{102}^{(21)}m_{221}^{(20)} + 2m_{010}^{(10)}m_{102}^{(21)}m_{212}^{(10)} - 3m_{010}^{(10)}m_{102}^{(21)}m_{122}^{(00)} + 2m_{010}^{(10)}m_{102}^{(22)}m_{320}^{(21)}\\
&-m_{010}^{(10)}m_{102}^{(22)}m_{311}^{(11)} - 2m_{010}^{(10)}m_{102}^{(22)}m_{230}^{(20)} + m_{010}^{(10)}m_{102}^{(22)}m_{131}^{(00)} + m_{010}^{(10)}m_{021}^{(00)}m_{212}^{(22)}\\
&-m_{010}^{(10)}m_{021}^{(00)}m_{203}^{(21)} - m_{010}^{(10)}m_{021}^{(00)}m_{113}^{(20)} + m_{010}^{(10)}m_{021}^{(00)}m_{104}^{(10)} + m_{010}^{(10)}m_{021}^{(10)}m_{302}^{(22)}\\
&-2m_{010}^{(10)}m_{021}^{(10)}m_{203}^{(20)} + m_{010}^{(10)}m_{021}^{(10)}m_{104}^{(00)} - 3m_{010}^{(10)}m_{021}^{(20)}m_{311}^{(22)} + 2m_{010}^{(10)}m_{021}^{(20)}m_{302}^{(21)}\\
&+4m_{010}^{(10)}m_{021}^{(20)}m_{212}^{(20)} - 2m_{010}^{(10)}m_{021}^{(20)}m_{203}^{(10)} - m_{010}^{(10)}m_{021}^{(20)}m_{113}^{(00)} - m_{010}^{(10)}m_{021}^{(21)}m_{401}^{(22)}\\
&+2m_{010}^{(10)}m_{021}^{(21)}m_{302}^{(20)} - m_{010}^{(10)}m_{021}^{(21)}m_{203}^{(00)} + 2m_{010}^{(10)}m_{021}^{(22)}m_{410}^{(22)} - m_{010}^{(10)}m_{021}^{(22)}m_{401}^{(21)}\\
&-3m_{010}^{(10)}m_{021}^{(22)}m_{311}^{(20)} + m_{010}^{(10)}m_{021}^{(22)}m_{302}^{(10)} + m_{010}^{(10)}m_{021}^{(22)}m_{212}^{(00)} - m_{010}^{(10)}m_{012}^{(00)}m_{221}^{(22)}\\
&+m_{010}^{(10)}m_{012}^{(00)}m_{203}^{(11)} + 2m_{010}^{(10)}m_{012}^{(00)}m_{122}^{(20)} - 2m_{010}^{(10)}m_{012}^{(00)}m_{113}^{(10)} - 2m_{010}^{(10)}m_{012}^{(10)}m_{302}^{(21)}\\
&+2m_{010}^{(10)}m_{012}^{(10)}m_{212}^{(20)} + 2m_{010}^{(10)}m_{012}^{(10)}m_{203}^{(10)} - 2m_{010}^{(10)}m_{012}^{(10)}m_{113}^{(00)} + m_{010}^{(10)}m_{012}^{(11)}m_{401}^{(22)}\\
&-2m_{010}^{(10)}m_{012}^{(11)}m_{302}^{(20)} + m_{010}^{(10)}m_{012}^{(11)}m_{203}^{(00)} + 2m_{010}^{(10)}m_{012}^{(20)}m_{320}^{(22)} + 2m_{010}^{(10)}m_{012}^{(20)}m_{311}^{(21)}\\
&-2m_{010}^{(10)}m_{012}^{(20)}m_{302}^{(11)} - 6m_{010}^{(10)}m_{012}^{(20)}m_{221}^{(20)} + 2m_{010}^{(10)}m_{012}^{(20)}m_{212}^{(10)} + 2m_{010}^{(10)}m_{012}^{(20)}m_{122}^{(00)}\\
&-2m_{010}^{(10)}m_{012}^{(21)}m_{410}^{(22)} + 2m_{010}^{(10)}m_{012}^{(21)}m_{401}^{(21)} + 2m_{010}^{(10)}m_{012}^{(21)}m_{311}^{(20)} - 2m_{010}^{(10)}m_{012}^{(21)}m_{302}^{(10)}\\
&-2m_{010}^{(10)}m_{012}^{(22)}m_{410}^{(21)} + m_{010}^{(10)}m_{012}^{(22)}m_{401}^{(11)} + 2m_{010}^{(10)}m_{012}^{(22)}m_{320}^{(20)} - m_{010}^{(10)}m_{012}^{(22)}m_{221}^{(00)}\\
&+m_{010}^{(10)}m_{003}^{(00)}m_{221}^{(21)} - m_{010}^{(10)}m_{003}^{(00)}m_{212}^{(11)} - m_{010}^{(10)}m_{003}^{(00)}m_{131}^{(20)} + m_{010}^{(10)}m_{003}^{(00)}m_{122}^{(10)}\\
&+m_{010}^{(10)}m_{003}^{(10)}m_{302}^{(11)} - 2m_{010}^{(10)}m_{003}^{(10)}m_{212}^{(10)} + m_{010}^{(10)}m_{003}^{(10)}m_{122}^{(00)} - m_{010}^{(10)}m_{003}^{(11)}m_{401}^{(21)}\\
&+m_{010}^{(10)}m_{003}^{(11)}m_{311}^{(20)} + m_{010}^{(10)}m_{003}^{(11)}m_{302}^{(10)} - m_{010}^{(10)}m_{003}^{(11)}m_{212}^{(00)} - 2m_{010}^{(10)}m_{003}^{(20)}m_{320}^{(21)}\\
&+m_{010}^{(10)}m_{003}^{(20)}m_{311}^{(11)} + 2m_{010}^{(10)}m_{003}^{(20)}m_{230}^{(20)} - m_{010}^{(10)}m_{003}^{(20)}m_{131}^{(00)} + 2m_{010}^{(10)}m_{003}^{(21)}m_{410}^{(21)}\\
&-m_{010}^{(10)}m_{003}^{(21)}m_{401}^{(11)} - 2m_{010}^{(10)}m_{003}^{(21)}m_{320}^{(20)} + m_{010}^{(10)}m_{003}^{(21)}m_{221}^{(00)} + m_{010}^{(11)}m_{300}^{(10)}m_{113}^{(22)}\\
&-m_{010}^{(11)}m_{300}^{(10)}m_{104}^{(21)} - m_{010}^{(11)}m_{300}^{(10)}m_{014}^{(20)} + m_{010}^{(11)}m_{300}^{(10)}m_{005}^{(10)} - m_{010}^{(11)}m_{300}^{(20)}m_{122}^{(22)}\\
&+m_{010}^{(11)}m_{300}^{(20)}m_{113}^{(21)} + m_{010}^{(11)}m_{300}^{(20)}m_{023}^{(20)} - m_{010}^{(11)}m_{300}^{(20)}m_{014}^{(10)} - m_{010}^{(11)}m_{300}^{(21)}m_{212}^{(22)}\\
&+m_{010}^{(11)}m_{300}^{(21)}m_{203}^{(21)} + m_{010}^{(11)}m_{300}^{(21)}m_{113}^{(20)} - m_{010}^{(11)}m_{300}^{(21)}m_{104}^{(10)} + m_{010}^{(11)}m_{300}^{(22)}m_{221}^{(22)}\\
&-m_{010}^{(11)}m_{300}^{(22)}m_{212}^{(21)} - m_{010}^{(11)}m_{300}^{(22)}m_{122}^{(20)} + m_{010}^{(11)}m_{300}^{(22)}m_{113}^{(10)} - m_{010}^{(11)}m_{210}^{(00)}m_{113}^{(22)}\\
&+m_{010}^{(11)}m_{210}^{(00)}m_{104}^{(21)} + m_{010}^{(11)}m_{210}^{(00)}m_{014}^{(20)} - m_{010}^{(11)}m_{210}^{(00)}m_{005}^{(10)} - m_{010}^{(11)}m_{210}^{(10)}m_{203}^{(22)}\\
&+2m_{010}^{(11)}m_{210}^{(10)}m_{104}^{(20)} - m_{010}^{(11)}m_{210}^{(10)}m_{005}^{(00)} + 3m_{010}^{(11)}m_{210}^{(20)}m_{212}^{(22)} - 2m_{010}^{(11)}m_{210}^{(20)}m_{203}^{(21)}\\
&-4m_{010}^{(11)}m_{210}^{(20)}m_{113}^{(20)} + 2m_{010}^{(11)}m_{210}^{(20)}m_{104}^{(10)} + m_{010}^{(11)}m_{210}^{(20)}m_{014}^{(00)} + m_{010}^{(11)}m_{210}^{(21)}m_{302}^{(22)}
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$$
\begin{aligned}
&-2m_{010}^{(11)}m_{210}^{(21)}m_{203}^{(20)} + m_{010}^{(11)}m_{210}^{(21)}m_{104}^{(00)} - 2m_{010}^{(11)}m_{210}^{(22)}m_{311}^{(22)} + m_{010}^{(11)}m_{210}^{(22)}m_{302}^{(21)}\\
&+3m_{010}^{(11)}m_{210}^{(22)}m_{212}^{(20)} - m_{010}^{(11)}m_{210}^{(22)}m_{203}^{(10)} - m_{010}^{(11)}m_{210}^{(22)}m_{113}^{(00)} + m_{010}^{(11)}m_{201}^{(00)}m_{122}^{(22)}\\
&-m_{010}^{(11)}m_{201}^{(00)}m_{113}^{(21)} - m_{010}^{(11)}m_{201}^{(00)}m_{023}^{(20)} + m_{010}^{(11)}m_{201}^{(00)}m_{014}^{(10)} - 2m_{010}^{(11)}m_{201}^{(10)}m_{212}^{(22)}\\
&+3m_{010}^{(11)}m_{201}^{(10)}m_{203}^{(21)} + m_{010}^{(11)}m_{201}^{(10)}m_{113}^{(20)} - 3m_{010}^{(11)}m_{201}^{(10)}m_{104}^{(10)} + m_{010}^{(11)}m_{201}^{(10)}m_{014}^{(00)}\\
&-m_{010}^{(11)}m_{201}^{(20)}m_{212}^{(21)} + m_{010}^{(11)}m_{201}^{(20)}m_{122}^{(20)} + m_{010}^{(11)}m_{201}^{(20)}m_{113}^{(10)} - m_{010}^{(11)}m_{201}^{(20)}m_{023}^{(00)}\\
&+2m_{010}^{(11)}m_{201}^{(21)}m_{311}^{(22)} - 3m_{010}^{(11)}m_{201}^{(21)}m_{302}^{(21)} - m_{010}^{(11)}m_{201}^{(21)}m_{212}^{(20)} + 3m_{010}^{(11)}m_{201}^{(21)}m_{203}^{(10)}\\
&-m_{010}^{(11)}m_{201}^{(21)}m_{113}^{(00)} - m_{010}^{(11)}m_{201}^{(22)}m_{320}^{(22)} + 2m_{010}^{(11)}m_{201}^{(22)}m_{311}^{(21)} - 2m_{010}^{(11)}m_{201}^{(22)}m_{212}^{(10)}\\
&+m_{010}^{(11)}m_{201}^{(22)}m_{122}^{(00)} + m_{010}^{(11)}m_{120}^{(00)}m_{203}^{(22)} - 2m_{010}^{(11)}m_{120}^{(00)}m_{104}^{(20)} + m_{010}^{(11)}m_{120}^{(00)}m_{005}^{(00)}\\
&-2m_{010}^{(11)}m_{120}^{(20)}m_{302}^{(22)} + 4m_{010}^{(11)}m_{120}^{(20)}m_{203}^{(20)} - 2m_{010}^{(11)}m_{120}^{(20)}m_{104}^{(00)} + m_{010}^{(11)}m_{120}^{(22)}m_{401}^{(22)}\\
&-2m_{010}^{(11)}m_{120}^{(22)}m_{302}^{(20)} + m_{010}^{(11)}m_{120}^{(22)}m_{203}^{(00)} - 2m_{010}^{(11)}m_{111}^{(00)}m_{203}^{(21)} + 2m_{010}^{(11)}m_{111}^{(00)}m_{113}^{(20)}\\
&+2m_{010}^{(11)}m_{111}^{(00)}m_{104}^{(10)} - 2m_{010}^{(11)}m_{111}^{(00)}m_{014}^{(00)} + 2m_{010}^{(11)}m_{111}^{(10)}m_{302}^{(22)} - 4m_{010}^{(11)}m_{111}^{(10)}m_{203}^{(20)}\\
&+2m_{010}^{(11)}m_{111}^{(10)}m_{104}^{(00)} - 2m_{010}^{(11)}m_{111}^{(20)}m_{311}^{(22)} + 4m_{010}^{(11)}m_{111}^{(20)}m_{302}^{(21)} - 4m_{010}^{(11)}m_{111}^{(20)}m_{203}^{(10)}\\
&+2m_{010}^{(11)}m_{111}^{(20)}m_{113}^{(00)} - 2m_{010}^{(11)}m_{111}^{(21)}m_{401}^{(22)} + 4m_{010}^{(11)}m_{111}^{(21)}m_{302}^{(20)} - 2m_{010}^{(11)}m_{111}^{(21)}m_{203}^{(00)}\\
&+2m_{010}^{(11)}m_{111}^{(22)}m_{410}^{(22)} - 2m_{010}^{(11)}m_{111}^{(22)}m_{401}^{(21)} - 2m_{010}^{(11)}m_{111}^{(22)}m_{311}^{(20)} + 2m_{010}^{(11)}m_{111}^{(22)}m_{302}^{(10)}\\
&-m_{010}^{(11)}m_{102}^{(00)}m_{221}^{(22)} + 2m_{010}^{(11)}m_{102}^{(00)}m_{212}^{(21)} - 2m_{010}^{(11)}m_{102}^{(00)}m_{113}^{(10)} + m_{010}^{(11)}m_{102}^{(00)}m_{023}^{(00)}\\
&+m_{010}^{(11)}m_{102}^{(10)}m_{311}^{(22)} - 3m_{010}^{(11)}m_{102}^{(10)}m_{302}^{(21)} + m_{010}^{(11)}m_{102}^{(10)}m_{212}^{(20)} + 3m_{010}^{(11)}m_{102}^{(10)}m_{203}^{(10)}\\
&-2m_{010}^{(11)}m_{102}^{(10)}m_{113}^{(00)} + m_{010}^{(11)}m_{102}^{(20)}m_{320}^{(22)} - m_{010}^{(11)}m_{102}^{(20)}m_{311}^{(21)} - m_{010}^{(11)}m_{102}^{(20)}m_{221}^{(20)}\\
&+m_{010}^{(11)}m_{102}^{(20)}m_{212}^{(10)} - m_{010}^{(11)}m_{102}^{(21)}m_{410}^{(22)} + 3m_{010}^{(11)}m_{102}^{(21)}m_{401}^{(21)} - m_{010}^{(11)}m_{102}^{(21)}m_{311}^{(20)}\\
&-3m_{010}^{(11)}m_{102}^{(21)}m_{302}^{(10)} + 2m_{010}^{(11)}m_{102}^{(21)}m_{212}^{(00)} - m_{010}^{(11)}m_{102}^{(22)}m_{410}^{(21)} + m_{010}^{(11)}m_{102}^{(22)}m_{320}^{(20)}\\
&+m_{010}^{(11)}m_{102}^{(22)}m_{311}^{(10)} - m_{010}^{(11)}m_{102}^{(22)}m_{221}^{(00)} - m_{010}^{(11)}m_{021}^{(00)}m_{302}^{(22)} + 2m_{010}^{(11)}m_{021}^{(00)}m_{203}^{(20)}\\
&-m_{010}^{(11)}m_{021}^{(00)}m_{104}^{(00)} + 2m_{010}^{(11)}m_{021}^{(20)}m_{401}^{(22)} - 4m_{010}^{(11)}m_{021}^{(20)}m_{302}^{(20)} + 2m_{010}^{(11)}m_{021}^{(20)}m_{203}^{(00)}\\
&-m_{010}^{(11)}m_{021}^{(22)}m_{500}^{(22)} + 2m_{010}^{(11)}m_{021}^{(22)}m_{401}^{(20)} - m_{010}^{(11)}m_{021}^{(22)}m_{302}^{(00)} + m_{010}^{(11)}m_{012}^{(00)}m_{311}^{(22)}\\
&+m_{010}^{(11)}m_{012}^{(00)}m_{302}^{(21)} - 3m_{010}^{(11)}m_{012}^{(00)}m_{212}^{(20)} - m_{010}^{(11)}m_{012}^{(00)}m_{203}^{(10)} + 2m_{010}^{(11)}m_{012}^{(00)}m_{113}^{(00)}\\
&-m_{010}^{(11)}m_{012}^{(10)}m_{401}^{(22)} + 2m_{010}^{(11)}m_{012}^{(10)}m_{302}^{(20)} - m_{010}^{(11)}m_{012}^{(10)}m_{203}^{(00)} - m_{010}^{(11)}m_{012}^{(20)}m_{410}^{(22)}\\
&-2m_{010}^{(11)}m_{012}^{(20)}m_{401}^{(21)} + 4m_{010}^{(11)}m_{012}^{(20)}m_{311}^{(20)} + 2m_{010}^{(11)}m_{012}^{(20)}m_{302}^{(10)} - 3m_{010}^{(11)}m_{012}^{(20)}m_{212}^{(00)}\\
&+m_{010}^{(11)}m_{012}^{(21)}m_{500}^{(22)} - 2m_{010}^{(11)}m_{012}^{(21)}m_{401}^{(20)} + m_{010}^{(11)}m_{012}^{(21)}m_{302}^{(00)} + m_{010}^{(11)}m_{012}^{(22)}m_{500}^{(21)}\\
&-m_{010}^{(11)}m_{012}^{(22)}m_{410}^{(20)} - m_{010}^{(11)}m_{012}^{(22)}m_{401}^{(10)} + m_{010}^{(11)}m_{012}^{(22)}m_{311}^{(00)} - m_{010}^{(11)}m_{003}^{(00)}m_{311}^{(21)}\\
&+m_{010}^{(11)}m_{003}^{(00)}m_{221}^{(20)} + m_{010}^{(11)}m_{003}^{(00)}m_{212}^{(10)} - m_{010}^{(11)}m_{003}^{(00)}m_{122}^{(00)} + m_{010}^{(11)}m_{003}^{(10)}m_{401}^{(21)}\\
&-m_{010}^{(11)}m_{003}^{(10)}m_{311}^{(20)} - m_{010}^{(11)}m_{003}^{(10)}m_{302}^{(10)} + m_{010}^{(11)}m_{003}^{(10)}m_{212}^{(00)} + m_{010}^{(11)}m_{003}^{(20)}m_{410}^{(21)}\\
&-m_{010}^{(11)}m_{003}^{(20)}m_{320}^{(20)} - m_{010}^{(11)}m_{003}^{(20)}m_{311}^{(10)} + m_{010}^{(11)}m_{003}^{(20)}m_{221}^{(00)} - m_{010}^{(11)}m_{003}^{(21)}m_{500}^{(21)}\\
&+m_{010}^{(11)}m_{003}^{(21)}m_{410}^{(20)} + m_{010}^{(11)}m_{003}^{(21)}m_{401}^{(10)} - m_{010}^{(11)}m_{003}^{(21)}m_{311}^{(00)} + m_{010}^{(20)}m_{300}^{(10)}m_{032}^{(22)}\\
&-2m_{010}^{(20)}m_{300}^{(10)}m_{023}^{(21)} + m_{010}^{(20)}m_{300}^{(10)}m_{014}^{(11)} - m_{010}^{(20)}m_{300}^{(11)}m_{122}^{(22)} + 3m_{010}^{(20)}m_{300}^{(11)}m_{113}^{(21)}\\
&-2m_{010}^{(20)}m_{300}^{(11)}m_{104}^{(11)} - m_{010}^{(20)}m_{300}^{(11)}m_{023}^{(20)} + m_{010}^{(20)}m_{300}^{(11)}m_{014}^{(10)} - m_{010}^{(20)}m_{300}^{(20)}m_{041}^{(22)}\\
&+2m_{010}^{(20)}m_{300}^{(20)}m_{032}^{(21)} - m_{010}^{(20)}m_{300}^{(20)}m_{023}^{(11)} + m_{010}^{(20)}m_{300}^{(21)}m_{131}^{(22)} - 4m_{010}^{(20)}m_{300}^{(21)}m_{122}^{(21)}\\
&+3m_{010}^{(20)}m_{300}^{(21)}m_{113}^{(11)} + 2m_{010}^{(20)}m_{300}^{(21)}m_{032}^{(20)} - 2m_{010}^{(20)}m_{300}^{(21)}m_{023}^{(10)} + m_{010}^{(20)}m_{300}^{(22)}m_{131}^{(21)}\\
&-m_{010}^{(20)}m_{300}^{(22)}m_{122}^{(11)} - m_{010}^{(20)}m_{300}^{(22)}m_{041}^{(20)} + m_{010}^{(20)}m_{300}^{(22)}m_{032}^{(10)} - m_{010}^{(20)}m_{210}^{(00)}m_{032}^{(22)}\\
&+2m_{010}^{(20)}m_{210}^{(00)}m_{023}^{(21)} - m_{010}^{(20)}m_{210}^{(00)}m_{014}^{(11)} - 2m_{010}^{(20)}m_{210}^{(10)}m_{113}^{(21)} + 2m_{010}^{(20)}m_{210}^{(10)}m_{104}^{(11)}\\
&+2m_{010}^{(20)}m_{210}^{(10)}m_{023}^{(20)} - 2m_{010}^{(20)}m_{210}^{(10)}m_{014}^{(10)} + m_{010}^{(20)}m_{210}^{(11)}m_{212}^{(22)} - 2m_{010}^{(20)}m_{210}^{(11)}m_{203}^{(21)}
\end{aligned}
$$

$$+2m_{010}^{(20)}m_{210}^{(11)}m_{104}^{(10)} - m_{010}^{(20)}m_{210}^{(11)}m_{014}^{(00)} + 2m_{010}^{(20)}m_{210}^{(20)}m_{131}^{(22)} - 2m_{010}^{(20)}m_{210}^{(20)}m_{122}^{(21)}$$
$$-2m_{010}^{(20)}m_{210}^{(20)}m_{032}^{(20)} + 2m_{010}^{(20)}m_{210}^{(20)}m_{023}^{(10)} - 2m_{010}^{(20)}m_{210}^{(21)}m_{221}^{(22)} + 6m_{010}^{(20)}m_{210}^{(21)}m_{212}^{(21)}$$
$$-2m_{010}^{(20)}m_{210}^{(21)}m_{203}^{(11)} - 2m_{010}^{(20)}m_{210}^{(21)}m_{122}^{(20)} - 2m_{010}^{(20)}m_{210}^{(21)}m_{113}^{(10)} + 2m_{010}^{(20)}m_{210}^{(21)}m_{023}^{(00)}$$
$$-2m_{010}^{(20)}m_{210}^{(22)}m_{221}^{(21)} + m_{010}^{(20)}m_{210}^{(22)}m_{212}^{(11)} + 2m_{010}^{(20)}m_{210}^{(22)}m_{131}^{(20)} - m_{010}^{(20)}m_{210}^{(22)}m_{032}^{(00)}$$
$$+m_{010}^{(20)}m_{201}^{(00)}m_{041}^{(22)} - 2m_{010}^{(20)}m_{201}^{(00)}m_{032}^{(21)} + m_{010}^{(20)}m_{201}^{(00)}m_{023}^{(11)} - 3m_{010}^{(20)}m_{201}^{(10)}m_{131}^{(22)}$$
$$+8m_{010}^{(20)}m_{201}^{(10)}m_{122}^{(21)} - 5m_{010}^{(20)}m_{201}^{(10)}m_{113}^{(11)} - 2m_{010}^{(20)}m_{201}^{(10)}m_{032}^{(20)} + 2m_{010}^{(20)}m_{201}^{(10)}m_{023}^{(10)}$$
$$+2m_{010}^{(20)}m_{201}^{(11)}m_{221}^{(22)} - 7m_{010}^{(20)}m_{201}^{(11)}m_{212}^{(21)} + 6m_{010}^{(20)}m_{201}^{(11)}m_{203}^{(11)} + 3m_{010}^{(20)}m_{201}^{(11)}m_{122}^{(20)}$$
$$-5m_{010}^{(20)}m_{201}^{(11)}m_{113}^{(10)} + m_{010}^{(20)}m_{201}^{(11)}m_{023}^{(00)} + m_{010}^{(20)}m_{201}^{(20)}m_{140}^{(22)} - 4m_{010}^{(20)}m_{201}^{(20)}m_{131}^{(21)}$$
$$+3m_{010}^{(20)}m_{201}^{(20)}m_{122}^{(11)} + 2m_{010}^{(20)}m_{201}^{(20)}m_{041}^{(20)} - 2m_{010}^{(20)}m_{201}^{(20)}m_{032}^{(10)} - m_{010}^{(20)}m_{201}^{(21)}m_{230}^{(22)}$$
$$+6m_{010}^{(20)}m_{201}^{(21)}m_{221}^{(21)} - 7m_{010}^{(20)}m_{201}^{(21)}m_{212}^{(11)} - 4m_{010}^{(20)}m_{201}^{(21)}m_{131}^{(20)} + 8m_{010}^{(20)}m_{201}^{(21)}m_{122}^{(10)}$$
$$-2m_{010}^{(20)}m_{201}^{(21)}m_{032}^{(00)} - m_{010}^{(20)}m_{201}^{(22)}m_{230}^{(21)} + 2m_{010}^{(20)}m_{201}^{(22)}m_{221}^{(11)} + m_{010}^{(20)}m_{201}^{(22)}m_{140}^{(20)}$$
$$-3m_{010}^{(20)}m_{201}^{(22)}m_{131}^{(10)} + m_{010}^{(20)}m_{201}^{(22)}m_{041}^{(00)} + m_{010}^{(20)}m_{120}^{(00)}m_{122}^{(22)} - m_{010}^{(20)}m_{120}^{(00)}m_{113}^{(21)}$$
$$-m_{010}^{(20)}m_{120}^{(00)}m_{023}^{(20)} + m_{010}^{(20)}m_{120}^{(00)}m_{014}^{(10)} - m_{010}^{(20)}m_{120}^{(10)}m_{212}^{(22)} + 2m_{010}^{(20)}m_{120}^{(10)}m_{203}^{(21)}$$
$$-2m_{010}^{(20)}m_{120}^{(10)}m_{104}^{(10)} + m_{010}^{(20)}m_{120}^{(10)}m_{014}^{(00)} - m_{010}^{(20)}m_{120}^{(20)}m_{221}^{(22)} + 2m_{010}^{(20)}m_{120}^{(20)}m_{122}^{(20)}$$
$$-m_{010}^{(20)}m_{120}^{(20)}m_{023}^{(00)} + m_{010}^{(20)}m_{120}^{(21)}m_{311}^{(22)} - 2m_{010}^{(20)}m_{120}^{(21)}m_{302}^{(21)} + 2m_{010}^{(20)}m_{120}^{(21)}m_{203}^{(10)}$$
$$-m_{010}^{(20)}m_{120}^{(21)}m_{113}^{(00)} + m_{010}^{(20)}m_{120}^{(22)}m_{311}^{(21)} - m_{010}^{(20)}m_{120}^{(22)}m_{221}^{(20)} - m_{010}^{(20)}m_{120}^{(22)}m_{212}^{(10)}$$
$$+m_{010}^{(20)}m_{120}^{(22)}m_{122}^{(00)} - 2m_{010}^{(20)}m_{111}^{(00)}m_{122}^{(21)} + 2m_{010}^{(20)}m_{111}^{(00)}m_{113}^{(11)} + 2m_{010}^{(20)}m_{111}^{(00)}m_{032}^{(20)}$$
$$-2m_{010}^{(20)}m_{111}^{(00)}m_{023}^{(10)} + 2m_{010}^{(20)}m_{111}^{(10)}m_{221}^{(22)} - 4m_{010}^{(20)}m_{111}^{(10)}m_{203}^{(11)} - 4m_{010}^{(20)}m_{111}^{(10)}m_{122}^{(20)}$$
$$+8m_{010}^{(20)}m_{111}^{(10)}m_{113}^{(10)} - 2m_{010}^{(20)}m_{111}^{(10)}m_{023}^{(00)} - 2m_{010}^{(20)}m_{111}^{(11)}m_{311}^{(22)} + 4m_{010}^{(20)}m_{111}^{(11)}m_{302}^{(21)}$$
$$-4m_{010}^{(20)}m_{111}^{(11)}m_{203}^{(10)} + 2m_{010}^{(20)}m_{111}^{(11)}m_{113}^{(00)} - 2m_{010}^{(20)}m_{111}^{(20)}m_{230}^{(22)} + 4m_{010}^{(20)}m_{111}^{(20)}m_{221}^{(21)}$$
$$-4m_{010}^{(20)}m_{111}^{(20)}m_{122}^{(10)} + 2m_{010}^{(20)}m_{111}^{(20)}m_{032}^{(00)} + 2m_{010}^{(20)}m_{111}^{(21)}m_{122}^{(22)} - 8m_{010}^{(20)}m_{111}^{(21)}m_{311}^{(21)}$$
$$+4m_{010}^{(20)}m_{111}^{(21)}m_{302}^{(11)} + 4m_{010}^{(20)}m_{111}^{(21)}m_{221}^{(20)} - 2m_{010}^{(20)}m_{111}^{(21)}m_{122}^{(00)} + 2m_{010}^{(20)}m_{111}^{(22)}m_{320}^{(21)}$$
$$-2m_{010}^{(20)}m_{111}^{(22)}m_{311}^{(11)} - 2m_{010}^{(20)}m_{111}^{(22)}m_{230}^{(20)} + 2m_{010}^{(20)}m_{111}^{(22)}m_{221}^{(10)} - m_{010}^{(20)}m_{102}^{(00)}m_{140}^{(22)}$$
$$+3m_{010}^{(20)}m_{102}^{(00)}m_{131}^{(21)} - 2m_{010}^{(20)}m_{102}^{(00)}m_{122}^{(11)} - m_{010}^{(20)}m_{102}^{(00)}m_{041}^{(20)} + m_{010}^{(20)}m_{102}^{(00)}m_{032}^{(10)}$$
$$+2m_{010}^{(20)}m_{102}^{(10)}m_{230}^{(22)} - 8m_{010}^{(20)}m_{102}^{(10)}m_{221}^{(21)} + 7m_{010}^{(20)}m_{102}^{(10)}m_{212}^{(11)} + 4m_{010}^{(20)}m_{102}^{(10)}m_{131}^{(20)}$$
$$-6m_{010}^{(20)}m_{102}^{(10)}m_{122}^{(10)} + m_{010}^{(20)}m_{102}^{(10)}m_{032}^{(00)} - m_{010}^{(20)}m_{102}^{(11)}m_{320}^{(22)} + 5m_{010}^{(20)}m_{102}^{(11)}m_{311}^{(21)}$$
$$-6m_{010}^{(20)}m_{102}^{(11)}m_{302}^{(11)} - 3m_{010}^{(20)}m_{102}^{(11)}m_{221}^{(20)} + 7m_{010}^{(20)}m_{102}^{(11)}m_{212}^{(10)} - 2m_{010}^{(20)}m_{102}^{(11)}m_{122}^{(00)}$$
$$+2m_{010}^{(20)}m_{102}^{(20)}m_{230}^{(21)} - 3m_{010}^{(20)}m_{102}^{(20)}m_{221}^{(11)} - 2m_{010}^{(20)}m_{102}^{(20)}m_{140}^{(20)} + 4m_{010}^{(20)}m_{102}^{(20)}m_{131}^{(10)}$$
$$-m_{010}^{(20)}m_{102}^{(20)}m_{041}^{(00)} - 2m_{010}^{(20)}m_{102}^{(21)}m_{320}^{(21)} + 5m_{010}^{(20)}m_{102}^{(21)}m_{311}^{(11)} + 2m_{010}^{(20)}m_{102}^{(21)}m_{230}^{(20)}$$
$$-8m_{010}^{(20)}m_{102}^{(21)}m_{221}^{(10)} + 3m_{010}^{(20)}m_{102}^{(21)}m_{131}^{(00)} - m_{010}^{(20)}m_{102}^{(22)}m_{320}^{(11)} + 2m_{010}^{(20)}m_{102}^{(22)}m_{230}^{(10)}$$
$$-m_{010}^{(20)}m_{102}^{(22)}m_{140}^{(00)} - m_{010}^{(20)}m_{021}^{(00)}m_{221}^{(22)} + m_{010}^{(20)}m_{021}^{(00)}m_{212}^{(21)} + m_{010}^{(20)}m_{021}^{(00)}m_{122}^{(20)}$$
$$-m_{010}^{(20)}m_{021}^{(00)}m_{113}^{(10)} + m_{010}^{(20)}m_{021}^{(10)}m_{311}^{(22)} - 2m_{010}^{(20)}m_{021}^{(10)}m_{302}^{(21)} + 2m_{010}^{(20)}m_{021}^{(10)}m_{203}^{(10)}$$
$$-m_{010}^{(20)}m_{021}^{(10)}m_{113}^{(00)} + m_{010}^{(20)}m_{021}^{(20)}m_{320}^{(22)} - 2m_{010}^{(20)}m_{021}^{(20)}m_{221}^{(20)} + m_{010}^{(20)}m_{021}^{(20)}m_{122}^{(00)}$$
$$-m_{010}^{(20)}m_{021}^{(21)}m_{410}^{(22)} + 2m_{010}^{(20)}m_{021}^{(21)}m_{401}^{(21)} - 2m_{010}^{(20)}m_{021}^{(21)}m_{302}^{(10)} + m_{010}^{(20)}m_{021}^{(21)}m_{212}^{(00)}$$
$$-m_{010}^{(20)}m_{021}^{(22)}m_{410}^{(21)} + m_{010}^{(20)}m_{021}^{(22)}m_{320}^{(20)} + m_{010}^{(20)}m_{021}^{(22)}m_{311}^{(10)} - m_{010}^{(20)}m_{021}^{(22)}m_{221}^{(00)}$$
$$+m_{010}^{(20)}m_{012}^{(00)}m_{230}^{(22)} - m_{010}^{(20)}m_{012}^{(00)}m_{212}^{(11)} - 2m_{010}^{(20)}m_{012}^{(00)}m_{131}^{(20)} + 2m_{010}^{(20)}m_{012}^{(00)}m_{122}^{(10)}$$
$$-2m_{010}^{(20)}m_{012}^{(10)}m_{320}^{(22)} + 2m_{010}^{(20)}m_{012}^{(10)}m_{311}^{(21)} + 2m_{010}^{(20)}m_{012}^{(10)}m_{302}^{(11)} + 2m_{010}^{(20)}m_{012}^{(10)}m_{221}^{(20)}$$
$$-6m_{010}^{(20)}m_{012}^{(10)}m_{212}^{(10)} + 2m_{010}^{(20)}m_{012}^{(10)}m_{122}^{(00)} + m_{010}^{(20)}m_{012}^{(11)}m_{410}^{(22)} - 2m_{010}^{(20)}m_{012}^{(11)}m_{401}^{(21)}$$

$$+2m_{010}^{(20)}m_{012}^{(11)}m_{302}^{(10)} - m_{010}^{(20)}m_{012}^{(11)}m_{212}^{(00)} - 2m_{010}^{(20)}m_{012}^{(20)}m_{320}^{(21)} + 2m_{010}^{(20)}m_{012}^{(20)}m_{230}^{(20)}$$
$$+2m_{010}^{(20)}m_{012}^{(20)}m_{221}^{(10)} - 2m_{010}^{(20)}m_{012}^{(20)}m_{131}^{(00)} + 2m_{010}^{(20)}m_{012}^{(21)}m_{410}^{(21)} - 2m_{010}^{(20)}m_{012}^{(21)}m_{401}^{(11)}$$
$$-2m_{010}^{(20)}m_{012}^{(21)}m_{320}^{(20)} + 2m_{010}^{(20)}m_{012}^{(21)}m_{311}^{(10)} + m_{010}^{(20)}m_{012}^{(22)}m_{410}^{(11)} - 2m_{010}^{(20)}m_{012}^{(22)}m_{320}^{(10)}$$
$$+m_{010}^{(20)}m_{012}^{(22)}m_{230}^{(00)} - m_{010}^{(20)}m_{003}^{(00)}m_{230}^{(21)} + m_{010}^{(20)}m_{003}^{(00)}m_{221}^{(11)} + m_{010}^{(20)}m_{003}^{(00)}m_{140}^{(20)}$$
$$-m_{010}^{(20)}m_{003}^{(00)}m_{131}^{(10)} + 2m_{010}^{(20)}m_{003}^{(10)}m_{320}^{(21)} - 3m_{010}^{(20)}m_{003}^{(10)}m_{311}^{(11)} - 2m_{010}^{(20)}m_{003}^{(10)}m_{230}^{(20)}$$
$$+4m_{010}^{(20)}m_{003}^{(10)}m_{221}^{(10)} - m_{010}^{(20)}m_{003}^{(10)}m_{131}^{(00)} - m_{010}^{(20)}m_{003}^{(11)}m_{410}^{(21)} + 2m_{010}^{(20)}m_{003}^{(11)}m_{401}^{(11)}$$
$$+m_{010}^{(20)}m_{003}^{(11)}m_{320}^{(20)} - 3m_{010}^{(20)}m_{003}^{(11)}m_{311}^{(10)} + m_{010}^{(20)}m_{003}^{(11)}m_{221}^{(00)} + m_{010}^{(20)}m_{003}^{(20)}m_{320}^{(11)}$$
$$-2m_{010}^{(20)}m_{003}^{(20)}m_{230}^{(10)} + m_{010}^{(20)}m_{003}^{(20)}m_{140}^{(00)} - m_{010}^{(20)}m_{003}^{(21)}m_{410}^{(11)} + 2m_{010}^{(20)}m_{003}^{(21)}m_{320}^{(10)}$$
$$-m_{010}^{(20)}m_{003}^{(21)}m_{230}^{(00)} - m_{010}^{(21)}m_{300}^{(10)}m_{122}^{(22)} + m_{010}^{(21)}m_{300}^{(10)}m_{104}^{(11)} + 2m_{010}^{(21)}m_{300}^{(10)}m_{023}^{(20)}$$
$$-2m_{010}^{(21)}m_{300}^{(10)}m_{014}^{(10)} + m_{010}^{(21)}m_{300}^{(11)}m_{212}^{(22)} - m_{010}^{(21)}m_{300}^{(11)}m_{203}^{(21)} - m_{010}^{(21)}m_{300}^{(11)}m_{113}^{(20)}$$
$$+m_{010}^{(21)}m_{300}^{(11)}m_{104}^{(10)} + m_{010}^{(21)}m_{300}^{(20)}m_{131}^{(22)} - m_{010}^{(21)}m_{300}^{(20)}m_{113}^{(11)} - 2m_{010}^{(21)}m_{300}^{(20)}m_{032}^{(20)}$$
$$+2m_{010}^{(21)}m_{300}^{(20)}m_{023}^{(10)} - m_{010}^{(21)}m_{300}^{(21)}m_{221}^{(22)} + 2m_{010}^{(21)}m_{300}^{(21)}m_{212}^{(21)} - m_{010}^{(21)}m_{300}^{(21)}m_{203}^{(11)}$$
$$-m_{010}^{(21)}m_{300}^{(22)}m_{221}^{(21)} + m_{010}^{(21)}m_{300}^{(22)}m_{212}^{(11)} + m_{010}^{(21)}m_{300}^{(22)}m_{131}^{(20)} - m_{010}^{(21)}m_{300}^{(22)}m_{122}^{(10)}$$
$$+m_{010}^{(21)}m_{210}^{(00)}m_{122}^{(22)} - m_{010}^{(21)}m_{210}^{(00)}m_{104}^{(11)} - 2m_{010}^{(21)}m_{210}^{(00)}m_{023}^{(20)} + 2m_{010}^{(21)}m_{210}^{(00)}m_{014}^{(10)}$$
$$+2m_{010}^{(21)}m_{210}^{(10)}m_{203}^{(21)} - 2m_{010}^{(21)}m_{210}^{(10)}m_{113}^{(20)} - 2m_{010}^{(21)}m_{210}^{(10)}m_{104}^{(10)} + 2m_{010}^{(21)}m_{210}^{(10)}m_{014}^{(00)}$$
$$-m_{010}^{(21)}m_{210}^{(11)}m_{302}^{(22)} + 2m_{010}^{(21)}m_{210}^{(11)}m_{203}^{(20)} - m_{010}^{(21)}m_{210}^{(11)}m_{104}^{(00)} - 2m_{010}^{(21)}m_{210}^{(20)}m_{221}^{(22)}$$
$$-2m_{010}^{(21)}m_{210}^{(20)}m_{212}^{(21)} + 2m_{010}^{(21)}m_{210}^{(20)}m_{203}^{(11)} + 6m_{010}^{(21)}m_{210}^{(20)}m_{122}^{(20)} - 2m_{010}^{(21)}m_{210}^{(20)}m_{113}^{(10)}$$
$$-2m_{010}^{(21)}m_{210}^{(20)}m_{023}^{(00)} + 2m_{010}^{(21)}m_{210}^{(21)}m_{311}^{(22)} - 2m_{010}^{(21)}m_{210}^{(21)}m_{302}^{(21)} - 2m_{010}^{(21)}m_{210}^{(21)}m_{212}^{(20)}$$
$$+2m_{010}^{(21)}m_{210}^{(21)}m_{203}^{(10)} + 2m_{010}^{(21)}m_{210}^{(22)}m_{311}^{(21)} - m_{010}^{(21)}m_{210}^{(22)}m_{302}^{(11)} - 2m_{010}^{(21)}m_{210}^{(22)}m_{221}^{(20)}$$
$$+m_{010}^{(21)}m_{210}^{(22)}m_{122}^{(00)} - m_{010}^{(21)}m_{201}^{(00)}m_{131}^{(22)} + m_{010}^{(21)}m_{201}^{(00)}m_{113}^{(11)} + 2m_{010}^{(21)}m_{201}^{(00)}m_{032}^{(20)}$$
$$-2m_{010}^{(21)}m_{201}^{(00)}m_{023}^{(10)} + 3m_{010}^{(21)}m_{201}^{(10)}m_{221}^{(22)} - 2m_{010}^{(21)}m_{201}^{(10)}m_{212}^{(21)} - 3m_{010}^{(21)}m_{201}^{(10)}m_{203}^{(11)}$$
$$-4m_{010}^{(21)}m_{201}^{(10)}m_{122}^{(20)} + 8m_{010}^{(21)}m_{201}^{(10)}m_{113}^{(10)} - 2m_{010}^{(21)}m_{201}^{(10)}m_{023}^{(00)} - 2m_{010}^{(21)}m_{201}^{(11)}m_{311}^{(22)}$$
$$+3m_{010}^{(21)}m_{201}^{(11)}m_{302}^{(21)} + m_{010}^{(21)}m_{201}^{(11)}m_{212}^{(20)} - 3m_{010}^{(21)}m_{201}^{(11)}m_{203}^{(10)} + m_{010}^{(21)}m_{201}^{(11)}m_{113}^{(00)}$$
$$-m_{010}^{(21)}m_{201}^{(20)}m_{230}^{(22)} + 2m_{010}^{(21)}m_{201}^{(20)}m_{221}^{(21)} + m_{010}^{(21)}m_{201}^{(20)}m_{212}^{(11)} - 4m_{010}^{(21)}m_{201}^{(20)}m_{122}^{(10)}$$
$$+2m_{010}^{(21)}m_{201}^{(20)}m_{032}^{(00)} + m_{010}^{(21)}m_{201}^{(21)}m_{320}^{(22)} - 4m_{010}^{(21)}m_{201}^{(21)}m_{311}^{(21)} + 3m_{010}^{(21)}m_{201}^{(21)}m_{302}^{(11)}$$
$$+2m_{010}^{(21)}m_{201}^{(21)}m_{221}^{(20)} - 2m_{010}^{(21)}m_{201}^{(21)}m_{212}^{(10)} + m_{010}^{(21)}m_{201}^{(22)}m_{320}^{(21)} - 2m_{010}^{(21)}m_{201}^{(22)}m_{311}^{(11)}$$
$$-m_{010}^{(21)}m_{201}^{(22)}m_{230}^{(20)} + 3m_{010}^{(21)}m_{201}^{(22)}m_{221}^{(10)} - m_{010}^{(21)}m_{201}^{(22)}m_{131}^{(00)} - m_{010}^{(21)}m_{120}^{(00)}m_{212}^{(22)}$$
$$-m_{010}^{(21)}m_{120}^{(00)}m_{203}^{(21)} + 3m_{010}^{(21)}m_{120}^{(00)}m_{113}^{(20)} + m_{010}^{(21)}m_{120}^{(00)}m_{104}^{(10)} - 2m_{010}^{(21)}m_{120}^{(00)}m_{014}^{(00)}$$
$$+m_{010}^{(21)}m_{120}^{(10)}m_{302}^{(22)} - 2m_{010}^{(21)}m_{120}^{(10)}m_{203}^{(20)} + m_{010}^{(21)}m_{120}^{(10)}m_{104}^{(00)} + m_{010}^{(21)}m_{120}^{(20)}m_{311}^{(22)}$$
$$+2m_{010}^{(21)}m_{120}^{(20)}m_{302}^{(21)} - 4m_{010}^{(21)}m_{120}^{(20)}m_{212}^{(20)} - 2m_{010}^{(21)}m_{120}^{(20)}m_{203}^{(10)} + 3m_{010}^{(21)}m_{120}^{(20)}m_{113}^{(00)}$$
$$-m_{010}^{(21)}m_{120}^{(21)}m_{401}^{(22)} + 2m_{010}^{(21)}m_{120}^{(21)}m_{302}^{(20)} - m_{010}^{(21)}m_{120}^{(21)}m_{203}^{(00)} - m_{010}^{(21)}m_{120}^{(22)}m_{401}^{(21)}$$
$$+m_{010}^{(21)}m_{120}^{(22)}m_{311}^{(20)} + m_{010}^{(21)}m_{120}^{(22)}m_{302}^{(10)} - m_{010}^{(21)}m_{120}^{(22)}m_{212}^{(00)} + 2m_{010}^{(21)}m_{111}^{(00)}m_{212}^{(21)}$$
$$+2m_{010}^{(21)}m_{111}^{(00)}m_{203}^{(11)} - 2m_{010}^{(21)}m_{111}^{(00)}m_{122}^{(20)} - 6m_{010}^{(21)}m_{111}^{(00)}m_{113}^{(10)} + 4m_{010}^{(21)}m_{111}^{(00)}m_{023}^{(00)}$$
$$-2m_{010}^{(21)}m_{111}^{(10)}m_{311}^{(22)} - 4m_{010}^{(21)}m_{111}^{(10)}m_{302}^{(21)} + 8m_{010}^{(21)}m_{111}^{(10)}m_{212}^{(20)} + 4m_{010}^{(21)}m_{111}^{(10)}m_{203}^{(10)}$$
$$-6m_{010}^{(21)}m_{111}^{(10)}m_{113}^{(00)} + 2m_{010}^{(21)}m_{111}^{(11)}m_{401}^{(22)} - 4m_{010}^{(21)}m_{111}^{(11)}m_{302}^{(20)} + 2m_{010}^{(21)}m_{111}^{(11)}m_{203}^{(00)}$$
$$+2m_{010}^{(21)}m_{111}^{(20)}m_{320}^{(22)} - 4m_{010}^{(21)}m_{111}^{(20)}m_{302}^{(11)} - 4m_{010}^{(21)}m_{111}^{(20)}m_{221}^{(20)} + 8m_{010}^{(21)}m_{111}^{(20)}m_{212}^{(10)}$$
$$-2m_{010}^{(21)}m_{111}^{(20)}m_{122}^{(00)} - 2m_{010}^{(21)}m_{111}^{(21)}m_{410}^{(22)} + 4m_{010}^{(21)}m_{111}^{(21)}m_{401}^{(21)} - 4m_{010}^{(21)}m_{111}^{(21)}m_{302}^{(10)}$$
$$+2m_{010}^{(21)}m_{111}^{(21)}m_{212}^{(00)} - 2m_{010}^{(21)}m_{111}^{(22)}m_{410}^{(21)} + 2m_{010}^{(21)}m_{111}^{(22)}m_{401}^{(11)} + 2m_{010}^{(21)}m_{111}^{(22)}m_{320}^{(20)}$$

$$
\begin{aligned}
&-2m_{010}^{(21)}m_{111}^{(22)}m_{311}^{(10)}+m_{010}^{(21)}m_{102}^{(00)}m_{230}^{(22)}-m_{010}^{(21)}m_{102}^{(00)}m_{221}^{(21)}-2m_{010}^{(21)}m_{102}^{(00)}m_{212}^{(11)}\\
&-m_{010}^{(21)}m_{102}^{(00)}m_{131}^{(20)}+5m_{010}^{(21)}m_{102}^{(00)}m_{122}^{(10)}-2m_{010}^{(21)}m_{102}^{(00)}m_{032}^{(00)}-2m_{010}^{(21)}m_{102}^{(10)}m_{320}^{(22)}\\
&+4m_{010}^{(21)}m_{102}^{(10)}m_{311}^{(21)}+3m_{010}^{(21)}m_{102}^{(10)}m_{302}^{(11)}-10m_{010}^{(21)}m_{102}^{(10)}m_{212}^{(10)}+5m_{010}^{(21)}m_{102}^{(10)}m_{122}^{(00)}\\
&+m_{010}^{(21)}m_{102}^{(11)}m_{410}^{(22)}-3m_{010}^{(21)}m_{102}^{(11)}m_{401}^{(21)}+m_{010}^{(21)}m_{102}^{(11)}m_{311}^{(20)}+3m_{010}^{(21)}m_{102}^{(11)}m_{302}^{(10)}\\
&-2m_{010}^{(21)}m_{102}^{(11)}m_{212}^{(00)}-2m_{010}^{(21)}m_{102}^{(20)}m_{320}^{(21)}+m_{010}^{(21)}m_{102}^{(20)}m_{311}^{(11)}+2m_{010}^{(21)}m_{102}^{(20)}m_{230}^{(20)}\\
&-m_{010}^{(21)}m_{102}^{(20)}m_{131}^{(00)}+2m_{010}^{(21)}m_{102}^{(21)}m_{410}^{(21)}-3m_{010}^{(21)}m_{102}^{(21)}m_{401}^{(11)}-2m_{010}^{(21)}m_{102}^{(21)}m_{320}^{(20)}\\
&+4m_{010}^{(21)}m_{102}^{(21)}m_{311}^{(10)}-m_{010}^{(21)}m_{102}^{(21)}m_{221}^{(00)}+m_{010}^{(21)}m_{102}^{(22)}m_{410}^{(11)}-2m_{010}^{(21)}m_{102}^{(22)}m_{320}^{(10)}\\
&+m_{010}^{(21)}m_{102}^{(22)}m_{230}^{(00)}+m_{010}^{(21)}m_{021}^{(00)}m_{311}^{(22)}+m_{010}^{(21)}m_{021}^{(00)}m_{302}^{(21)}-3m_{010}^{(21)}m_{021}^{(00)}m_{212}^{(20)}\\
&-m_{010}^{(21)}m_{021}^{(00)}m_{203}^{(10)}+2m_{010}^{(21)}m_{021}^{(00)}m_{113}^{(00)}-m_{010}^{(21)}m_{021}^{(10)}m_{401}^{(22)}+2m_{010}^{(21)}m_{021}^{(10)}m_{302}^{(20)}\\
&-m_{010}^{(21)}m_{021}^{(10)}m_{203}^{(00)}-m_{010}^{(21)}m_{021}^{(20)}m_{410}^{(22)}-2m_{010}^{(21)}m_{021}^{(20)}m_{401}^{(21)}+4m_{010}^{(21)}m_{021}^{(20)}m_{311}^{(20)}\\
&+2m_{010}^{(21)}m_{021}^{(20)}m_{302}^{(10)}-3m_{010}^{(21)}m_{021}^{(20)}m_{212}^{(00)}+m_{010}^{(21)}m_{021}^{(21)}m_{500}^{(22)}-2m_{010}^{(21)}m_{021}^{(21)}m_{401}^{(20)}\\
&+m_{010}^{(21)}m_{021}^{(21)}m_{302}^{(00)}+m_{010}^{(21)}m_{021}^{(22)}m_{500}^{(21)}-m_{010}^{(21)}m_{021}^{(22)}m_{410}^{(20)}-m_{010}^{(21)}m_{021}^{(22)}m_{401}^{(10)}\\
&+m_{010}^{(21)}m_{021}^{(22)}m_{311}^{(00)}-m_{010}^{(21)}m_{012}^{(00)}m_{320}^{(22)}-2m_{010}^{(21)}m_{012}^{(00)}m_{311}^{(21)}-m_{010}^{(21)}m_{012}^{(00)}m_{302}^{(11)}\\
&+4m_{010}^{(21)}m_{012}^{(00)}m_{221}^{(20)}+4m_{010}^{(21)}m_{012}^{(00)}m_{212}^{(10)}-4m_{010}^{(21)}m_{012}^{(00)}m_{122}^{(00)}+2m_{010}^{(21)}m_{012}^{(10)}m_{410}^{(22)}\\
&+2m_{010}^{(21)}m_{012}^{(10)}m_{401}^{(21)}-6m_{010}^{(21)}m_{012}^{(10)}m_{311}^{(20)}-2m_{010}^{(21)}m_{012}^{(10)}m_{302}^{(10)}+4m_{010}^{(21)}m_{012}^{(10)}m_{212}^{(00)}\\
&-m_{010}^{(21)}m_{012}^{(11)}m_{500}^{(22)}+2m_{010}^{(21)}m_{012}^{(11)}m_{401}^{(20)}-m_{010}^{(21)}m_{012}^{(11)}m_{302}^{(00)}+2m_{010}^{(21)}m_{012}^{(20)}m_{410}^{(21)}\\
&+2m_{010}^{(21)}m_{012}^{(20)}m_{401}^{(11)}-2m_{010}^{(21)}m_{012}^{(20)}m_{320}^{(20)}-6m_{010}^{(21)}m_{012}^{(20)}m_{311}^{(10)}+4m_{010}^{(21)}m_{012}^{(20)}m_{221}^{(00)}\\
&-2m_{010}^{(21)}m_{012}^{(21)}m_{500}^{(21)}+2m_{010}^{(21)}m_{012}^{(21)}m_{410}^{(20)}+2m_{010}^{(21)}m_{012}^{(21)}m_{401}^{(10)}-2m_{010}^{(21)}m_{012}^{(21)}m_{311}^{(00)}\\
&-m_{010}^{(21)}m_{012}^{(22)}m_{500}^{(11)}+2m_{010}^{(21)}m_{012}^{(22)}m_{410}^{(10)}-m_{010}^{(21)}m_{012}^{(22)}m_{320}^{(00)}+m_{010}^{(21)}m_{003}^{(00)}m_{320}^{(21)}\\
&+m_{010}^{(21)}m_{003}^{(00)}m_{311}^{(11)}-m_{010}^{(21)}m_{003}^{(00)}m_{230}^{(20)}-3m_{010}^{(21)}m_{003}^{(00)}m_{221}^{(10)}+2m_{010}^{(21)}m_{003}^{(00)}m_{131}^{(00)}\\
&-2m_{010}^{(21)}m_{003}^{(10)}m_{410}^{(21)}-m_{010}^{(21)}m_{003}^{(10)}m_{401}^{(11)}+2m_{010}^{(21)}m_{003}^{(10)}m_{320}^{(20)}+4m_{010}^{(21)}m_{003}^{(10)}m_{311}^{(10)}\\
&-3m_{010}^{(21)}m_{003}^{(10)}m_{221}^{(00)}+m_{010}^{(21)}m_{003}^{(11)}m_{500}^{(21)}-m_{010}^{(21)}m_{003}^{(11)}m_{410}^{(20)}-m_{010}^{(21)}m_{003}^{(11)}m_{401}^{(10)}\\
&+m_{010}^{(21)}m_{003}^{(11)}m_{311}^{(00)}-m_{010}^{(21)}m_{003}^{(20)}m_{410}^{(11)}+2m_{010}^{(21)}m_{003}^{(20)}m_{320}^{(10)}-m_{010}^{(21)}m_{003}^{(20)}m_{230}^{(00)}\\
&+m_{010}^{(21)}m_{003}^{(21)}m_{500}^{(11)}-2m_{010}^{(21)}m_{003}^{(21)}m_{410}^{(10)}+m_{010}^{(21)}m_{003}^{(21)}m_{320}^{(00)}+m_{010}^{(22)}m_{300}^{(10)}m_{122}^{(21)}\\
&-m_{010}^{(22)}m_{300}^{(10)}m_{113}^{(11)}-m_{010}^{(22)}m_{300}^{(10)}m_{032}^{(20)}+m_{010}^{(22)}m_{300}^{(10)}m_{023}^{(10)}-m_{010}^{(22)}m_{300}^{(11)}m_{212}^{(21)}\\
&+m_{010}^{(22)}m_{300}^{(11)}m_{203}^{(11)}+m_{010}^{(22)}m_{300}^{(11)}m_{122}^{(20)}-m_{010}^{(22)}m_{300}^{(11)}m_{113}^{(10)}-m_{010}^{(22)}m_{300}^{(20)}m_{131}^{(21)}\\
&+m_{010}^{(22)}m_{300}^{(20)}m_{122}^{(11)}+m_{010}^{(22)}m_{300}^{(20)}m_{041}^{(20)}-m_{010}^{(22)}m_{300}^{(20)}m_{032}^{(10)}+m_{010}^{(22)}m_{300}^{(21)}m_{221}^{(21)}\\
&-m_{010}^{(22)}m_{300}^{(21)}m_{212}^{(11)}-m_{010}^{(22)}m_{300}^{(21)}m_{131}^{(20)}+m_{010}^{(22)}m_{300}^{(21)}m_{122}^{(10)}-m_{010}^{(22)}m_{210}^{(00)}m_{122}^{(21)}\\
&+m_{010}^{(22)}m_{210}^{(00)}m_{113}^{(11)}+m_{010}^{(22)}m_{210}^{(00)}m_{032}^{(20)}-m_{010}^{(22)}m_{210}^{(00)}m_{023}^{(10)}-m_{010}^{(22)}m_{210}^{(10)}m_{203}^{(11)}\\
&+2m_{010}^{(22)}m_{210}^{(10)}m_{113}^{(10)}-m_{010}^{(22)}m_{210}^{(10)}m_{023}^{(00)}+m_{010}^{(22)}m_{210}^{(11)}m_{302}^{(21)}-m_{010}^{(22)}m_{210}^{(11)}m_{212}^{(20)}\\
&-m_{010}^{(22)}m_{210}^{(11)}m_{203}^{(10)}+m_{010}^{(22)}m_{210}^{(11)}m_{113}^{(00)}+2m_{010}^{(22)}m_{210}^{(20)}m_{221}^{(21)}-m_{010}^{(22)}m_{210}^{(20)}m_{212}^{(11)}\\
&-2m_{010}^{(22)}m_{210}^{(20)}m_{131}^{(20)}+m_{010}^{(22)}m_{210}^{(20)}m_{032}^{(00)}-2m_{010}^{(22)}m_{210}^{(21)}m_{311}^{(21)}+m_{010}^{(22)}m_{210}^{(21)}m_{302}^{(11)}\\
&+2m_{010}^{(22)}m_{210}^{(21)}m_{221}^{(20)}-m_{010}^{(22)}m_{210}^{(21)}m_{122}^{(10)}+m_{010}^{(22)}m_{201}^{(00)}m_{131}^{(21)}-m_{010}^{(22)}m_{201}^{(00)}m_{122}^{(11)}\\
&-m_{010}^{(22)}m_{201}^{(00)}m_{041}^{(20)}+m_{010}^{(22)}m_{201}^{(00)}m_{032}^{(10)}-3m_{010}^{(22)}m_{201}^{(10)}m_{221}^{(21)}+4m_{010}^{(22)}m_{201}^{(10)}m_{212}^{(11)}\\
&+3m_{010}^{(22)}m_{201}^{(10)}m_{131}^{(20)}-5m_{010}^{(22)}m_{201}^{(10)}m_{122}^{(10)}+m_{010}^{(22)}m_{201}^{(10)}m_{032}^{(00)}+2m_{010}^{(22)}m_{201}^{(11)}m_{311}^{(21)}\\
&-3m_{010}^{(22)}m_{201}^{(11)}m_{302}^{(11)}-2m_{010}^{(22)}m_{201}^{(11)}m_{221}^{(20)}+4m_{010}^{(22)}m_{201}^{(11)}m_{212}^{(10)}-m_{010}^{(22)}m_{201}^{(11)}m_{122}^{(00)}\\
&+m_{010}^{(22)}m_{201}^{(20)}m_{230}^{(21)}-2m_{010}^{(22)}m_{201}^{(20)}m_{221}^{(11)}-m_{010}^{(22)}m_{201}^{(20)}m_{140}^{(20)}+3m_{010}^{(22)}m_{201}^{(20)}m_{131}^{(10)}\\
&-m_{010}^{(22)}m_{201}^{(20)}m_{041}^{(00)}-m_{010}^{(22)}m_{201}^{(21)}m_{320}^{(21)}+2m_{010}^{(22)}m_{201}^{(21)}m_{311}^{(11)}+m_{010}^{(22)}m_{201}^{(21)}m_{230}^{(20)}
\end{aligned}
$$

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\begin{aligned}
&-3m_{010}^{(22)}m_{201}^{(21)}m_{221}^{(10)} + m_{010}^{(22)}m_{201}^{(21)}m_{131}^{(00)} + m_{010}^{(22)}m_{120}^{(00)}m_{212}^{(21)} - m_{010}^{(22)}m_{120}^{(00)}m_{122}^{(20)}\\
&-m_{010}^{(22)}m_{120}^{(00)}m_{113}^{(10)} + m_{010}^{(22)}m_{120}^{(00)}m_{023}^{(00)} - m_{010}^{(22)}m_{120}^{(10)}m_{302}^{(21)} + m_{010}^{(22)}m_{120}^{(10)}m_{212}^{(20)}\\
&+m_{010}^{(22)}m_{120}^{(10)}m_{203}^{(10)} - m_{010}^{(22)}m_{120}^{(10)}m_{113}^{(00)} - m_{010}^{(22)}m_{120}^{(20)}m_{311}^{(21)} + m_{010}^{(22)}m_{120}^{(20)}m_{221}^{(20)}\\
&+m_{010}^{(22)}m_{120}^{(20)}m_{212}^{(10)} - m_{010}^{(22)}m_{120}^{(20)}m_{122}^{(00)} + m_{010}^{(22)}m_{120}^{(21)}m_{401}^{(21)} - m_{010}^{(22)}m_{120}^{(21)}m_{311}^{(20)}\\
&-m_{010}^{(22)}m_{120}^{(21)}m_{302}^{(10)} + m_{010}^{(22)}m_{120}^{(21)}m_{212}^{(00)} - 2m_{010}^{(22)}m_{111}^{(00)}m_{212}^{(11)} + 4m_{010}^{(22)}m_{111}^{(00)}m_{122}^{(10)}\\
&-2m_{010}^{(22)}m_{111}^{(00)}m_{032}^{(00)} + 2m_{010}^{(22)}m_{111}^{(10)}m_{311}^{(21)} + 2m_{010}^{(22)}m_{111}^{(10)}m_{302}^{(11)} - 2m_{010}^{(22)}m_{111}^{(10)}m_{221}^{(20)}\\
&-6m_{010}^{(22)}m_{111}^{(10)}m_{212}^{(10)} + 4m_{010}^{(22)}m_{111}^{(10)}m_{122}^{(00)} - 2m_{010}^{(22)}m_{111}^{(11)}m_{401}^{(21)} + 2m_{010}^{(22)}m_{111}^{(11)}m_{311}^{(20)}\\
&+2m_{010}^{(22)}m_{111}^{(11)}m_{302}^{(10)} - 2m_{010}^{(22)}m_{111}^{(11)}m_{212}^{(00)} - 2m_{010}^{(22)}m_{111}^{(20)}m_{320}^{(21)} + 2m_{010}^{(22)}m_{111}^{(20)}m_{311}^{(11)}\\
&+2m_{010}^{(22)}m_{111}^{(20)}m_{230}^{(20)} - 2m_{010}^{(22)}m_{111}^{(20)}m_{221}^{(10)} + 2m_{010}^{(22)}m_{111}^{(21)}m_{410}^{(21)} - 2m_{010}^{(22)}m_{111}^{(21)}m_{401}^{(11)}\\
&-2m_{010}^{(22)}m_{111}^{(21)}m_{320}^{(20)} + 2m_{010}^{(22)}m_{111}^{(21)}m_{311}^{(10)} - m_{010}^{(22)}m_{102}^{(00)}m_{230}^{(21)} + 2m_{010}^{(22)}m_{102}^{(00)}m_{221}^{(11)}\\
&+m_{010}^{(22)}m_{102}^{(00)}m_{140}^{(20)} - 3m_{010}^{(22)}m_{102}^{(00)}m_{131}^{(10)} + m_{010}^{(22)}m_{102}^{(00)}m_{041}^{(00)} + 2m_{010}^{(22)}m_{102}^{(10)}m_{320}^{(21)}\\
&-5m_{010}^{(22)}m_{102}^{(10)}m_{311}^{(11)} - 2m_{010}^{(22)}m_{102}^{(10)}m_{230}^{(20)} + 8m_{010}^{(22)}m_{102}^{(10)}m_{221}^{(10)} - 3m_{010}^{(22)}m_{102}^{(10)}m_{131}^{(00)}\\
&-m_{010}^{(22)}m_{102}^{(11)}m_{410}^{(21)} + 3m_{010}^{(22)}m_{102}^{(11)}m_{401}^{(11)} + m_{010}^{(22)}m_{102}^{(11)}m_{320}^{(20)} - 5m_{010}^{(22)}m_{102}^{(11)}m_{311}^{(10)}\\
&+2m_{010}^{(22)}m_{102}^{(11)}m_{221}^{(00)} + m_{010}^{(22)}m_{102}^{(20)}m_{320}^{(11)} - 2m_{010}^{(22)}m_{102}^{(20)}m_{230}^{(10)} + m_{010}^{(22)}m_{102}^{(20)}m_{140}^{(00)}\\
&-m_{010}^{(22)}m_{102}^{(21)}m_{410}^{(11)} + 2m_{010}^{(22)}m_{102}^{(21)}m_{320}^{(10)} - m_{010}^{(22)}m_{102}^{(21)}m_{230}^{(00)} - m_{010}^{(22)}m_{021}^{(00)}m_{311}^{(21)}\\
&+m_{010}^{(22)}m_{021}^{(00)}m_{221}^{(20)} + m_{010}^{(22)}m_{021}^{(00)}m_{212}^{(10)} - m_{010}^{(22)}m_{021}^{(00)}m_{122}^{(00)} + m_{010}^{(22)}m_{021}^{(10)}m_{401}^{(21)}\\
&-m_{010}^{(22)}m_{021}^{(10)}m_{311}^{(20)} - m_{010}^{(22)}m_{021}^{(10)}m_{302}^{(10)} + m_{010}^{(22)}m_{021}^{(10)}m_{212}^{(00)} + m_{010}^{(22)}m_{021}^{(20)}m_{410}^{(21)}\\
&-m_{010}^{(22)}m_{021}^{(20)}m_{320}^{(20)} - m_{010}^{(22)}m_{021}^{(20)}m_{311}^{(10)} + m_{010}^{(22)}m_{021}^{(20)}m_{221}^{(00)} - m_{010}^{(22)}m_{021}^{(21)}m_{500}^{(21)}\\
&+m_{010}^{(22)}m_{021}^{(21)}m_{410}^{(20)} + m_{010}^{(22)}m_{021}^{(21)}m_{401}^{(10)} - m_{010}^{(22)}m_{021}^{(21)}m_{311}^{(00)} + m_{010}^{(22)}m_{012}^{(00)}m_{320}^{(21)}\\
&+m_{010}^{(22)}m_{012}^{(00)}m_{311}^{(11)} - m_{010}^{(22)}m_{012}^{(00)}m_{230}^{(20)} - 3m_{010}^{(22)}m_{012}^{(00)}m_{221}^{(10)} + 2m_{010}^{(22)}m_{012}^{(00)}m_{131}^{(00)}\\
&-2m_{010}^{(22)}m_{012}^{(10)}m_{410}^{(21)} - m_{010}^{(22)}m_{012}^{(10)}m_{401}^{(11)} + 2m_{010}^{(22)}m_{012}^{(10)}m_{320}^{(20)} + 4m_{010}^{(22)}m_{012}^{(10)}m_{311}^{(10)}\\
&-3m_{010}^{(22)}m_{012}^{(10)}m_{221}^{(00)} + m_{010}^{(22)}m_{012}^{(11)}m_{500}^{(21)} - m_{010}^{(22)}m_{012}^{(11)}m_{410}^{(20)} - m_{010}^{(22)}m_{012}^{(11)}m_{401}^{(10)}\\
&+m_{010}^{(22)}m_{012}^{(11)}m_{311}^{(00)} - m_{010}^{(22)}m_{012}^{(20)}m_{410}^{(11)} + 2m_{010}^{(22)}m_{012}^{(20)}m_{320}^{(10)} - m_{010}^{(22)}m_{012}^{(20)}m_{230}^{(00)}\\
&+m_{010}^{(22)}m_{012}^{(21)}m_{500}^{(11)} - 2m_{010}^{(22)}m_{012}^{(21)}m_{410}^{(10)} + m_{010}^{(22)}m_{012}^{(21)}m_{320}^{(00)} - m_{010}^{(22)}m_{003}^{(00)}m_{320}^{(11)}\\
&+2m_{010}^{(22)}m_{003}^{(00)}m_{230}^{(10)} - m_{010}^{(22)}m_{003}^{(00)}m_{140}^{(00)} + 2m_{010}^{(22)}m_{003}^{(10)}m_{410}^{(11)} - 4m_{010}^{(22)}m_{003}^{(10)}m_{320}^{(10)}\\
&+2m_{010}^{(22)}m_{003}^{(10)}m_{230}^{(00)} - m_{010}^{(22)}m_{003}^{(11)}m_{500}^{(11)} + 2m_{010}^{(22)}m_{003}^{(11)}m_{410}^{(10)} - m_{010}^{(22)}m_{003}^{(11)}m_{320}^{(00)}\\
&-m_{001}^{(00)}m_{300}^{(11)}m_{032}^{(22)} + 2m_{001}^{(00)}m_{300}^{(11)}m_{023}^{(21)} - m_{001}^{(00)}m_{300}^{(11)}m_{014}^{(11)} + 2m_{001}^{(00)}m_{300}^{(21)}m_{041}^{(22)}\\
&-4m_{001}^{(00)}m_{300}^{(21)}m_{032}^{(21)} + 2m_{001}^{(00)}m_{300}^{(21)}m_{023}^{(11)} - m_{001}^{(00)}m_{300}^{(22)}m_{050}^{(22)} + 2m_{001}^{(00)}m_{300}^{(22)}m_{041}^{(21)}\\
&-m_{001}^{(00)}m_{300}^{(22)}m_{032}^{(11)} + m_{001}^{(00)}m_{210}^{(10)}m_{032}^{(22)} - 2m_{001}^{(00)}m_{210}^{(10)}m_{023}^{(21)} + m_{001}^{(00)}m_{210}^{(10)}m_{014}^{(11)}\\
&+2m_{001}^{(00)}m_{210}^{(11)}m_{122}^{(22)} - 3m_{001}^{(00)}m_{210}^{(11)}m_{113}^{(21)} + m_{001}^{(00)}m_{210}^{(11)}m_{104}^{(11)} - m_{001}^{(00)}m_{210}^{(11)}m_{023}^{(20)}\\
&+m_{001}^{(00)}m_{210}^{(11)}m_{014}^{(10)} - m_{001}^{(00)}m_{210}^{(20)}m_{041}^{(22)} + 2m_{001}^{(00)}m_{210}^{(20)}m_{032}^{(21)} - m_{001}^{(00)}m_{210}^{(20)}m_{023}^{(11)}\\
&-5m_{001}^{(00)}m_{210}^{(21)}m_{131}^{(22)} + 8m_{001}^{(00)}m_{210}^{(21)}m_{122}^{(21)} - 3m_{001}^{(00)}m_{210}^{(21)}m_{113}^{(11)} + 2m_{001}^{(00)}m_{210}^{(21)}m_{032}^{(20)}\\
&-2m_{001}^{(00)}m_{210}^{(21)}m_{023}^{(10)} + 3m_{001}^{(00)}m_{210}^{(22)}m_{140}^{(22)} - 5m_{001}^{(00)}m_{210}^{(22)}m_{131}^{(21)} + 2m_{001}^{(00)}m_{210}^{(22)}m_{122}^{(11)}\\
&-m_{001}^{(00)}m_{210}^{(22)}m_{041}^{(20)} + m_{001}^{(00)}m_{210}^{(22)}m_{032}^{(10)} - m_{001}^{(00)}m_{201}^{(10)}m_{041}^{(22)} + 2m_{001}^{(00)}m_{201}^{(10)}m_{032}^{(21)}\\
&-m_{001}^{(00)}m_{201}^{(10)}m_{023}^{(11)} + m_{001}^{(00)}m_{201}^{(11)}m_{131}^{(22)} - 3m_{001}^{(00)}m_{201}^{(11)}m_{122}^{(21)} + 2m_{001}^{(00)}m_{201}^{(11)}m_{113}^{(11)}\\
&+m_{001}^{(00)}m_{201}^{(11)}m_{032}^{(20)} - m_{001}^{(00)}m_{201}^{(11)}m_{023}^{(10)} + m_{001}^{(00)}m_{201}^{(20)}m_{050}^{(22)} - 2m_{001}^{(00)}m_{201}^{(20)}m_{041}^{(21)}\\
&+m_{001}^{(00)}m_{201}^{(20)}m_{032}^{(11)} - m_{001}^{(00)}m_{201}^{(21)}m_{140}^{(22)} + 4m_{001}^{(00)}m_{201}^{(21)}m_{131}^{(21)} - 3m_{001}^{(00)}m_{201}^{(21)}m_{122}^{(11)}\\
&-2m_{001}^{(00)}m_{201}^{(21)}m_{041}^{(20)} + 2m_{001}^{(00)}m_{201}^{(21)}m_{032}^{(10)} - m_{001}^{(00)}m_{201}^{(22)}m_{140}^{(21)} + m_{001}^{(00)}m_{201}^{(22)}m_{131}^{(11)}
\end{aligned}
$$

$$+m_{001}^{(00)}m_{201}^{(22)}m_{050}^{(20)} - m_{001}^{(00)}m_{201}^{(22)}m_{041}^{(10)} - 2m_{001}^{(00)}m_{120}^{(10)}m_{122}^{(22)} + 3m_{001}^{(00)}m_{120}^{(10)}m_{113}^{(21)}$$
$$-m_{001}^{(00)}m_{120}^{(10)}m_{104}^{(11)} + m_{001}^{(00)}m_{120}^{(10)}m_{023}^{(20)} - m_{001}^{(00)}m_{120}^{(10)}m_{014}^{(10)} - m_{001}^{(00)}m_{120}^{(11)}m_{212}^{(22)}$$
$$+m_{001}^{(00)}m_{120}^{(11)}m_{203}^{(21)} + m_{001}^{(00)}m_{120}^{(11)}m_{113}^{(20)} - m_{001}^{(00)}m_{120}^{(11)}m_{104}^{(10)} + 2m_{001}^{(00)}m_{120}^{(20)}m_{131}^{(22)}$$
$$-3m_{001}^{(00)}m_{120}^{(20)}m_{122}^{(21)} + m_{001}^{(00)}m_{120}^{(20)}m_{113}^{(11)} - m_{001}^{(00)}m_{120}^{(20)}m_{032}^{(20)} + m_{001}^{(00)}m_{120}^{(20)}m_{023}^{(10)}$$
$$+4m_{001}^{(00)}m_{120}^{(21)}m_{221}^{(22)} - 5m_{001}^{(00)}m_{120}^{(21)}m_{212}^{(21)} + m_{001}^{(00)}m_{120}^{(21)}m_{203}^{(11)} - 3m_{001}^{(00)}m_{120}^{(21)}m_{122}^{(20)}$$
$$+3m_{001}^{(00)}m_{120}^{(21)}m_{113}^{(10)} - 3m_{001}^{(00)}m_{120}^{(22)}m_{230}^{(22)} + 4m_{001}^{(00)}m_{120}^{(22)}m_{221}^{(21)} - m_{001}^{(00)}m_{120}^{(22)}m_{212}^{(11)}$$
$$+2m_{001}^{(00)}m_{120}^{(22)}m_{131}^{(20)} - 2m_{001}^{(00)}m_{120}^{(22)}m_{122}^{(10)} + 2m_{001}^{(00)}m_{111}^{(10)}m_{131}^{(22)} - 2m_{001}^{(00)}m_{111}^{(10)}m_{122}^{(21)}$$
$$-2m_{001}^{(00)}m_{111}^{(10)}m_{032}^{(20)} + 2m_{001}^{(00)}m_{111}^{(10)}m_{023}^{(10)} - 2m_{001}^{(00)}m_{111}^{(11)}m_{221}^{(22)} + 4m_{001}^{(00)}m_{111}^{(11)}m_{212}^{(21)}$$
$$-2m_{001}^{(00)}m_{111}^{(11)}m_{203}^{(11)} - 2m_{001}^{(00)}m_{111}^{(20)}m_{140}^{(22)} + 2m_{001}^{(00)}m_{111}^{(20)}m_{131}^{(21)} + 2m_{001}^{(00)}m_{111}^{(20)}m_{041}^{(20)}$$
$$-2m_{001}^{(00)}m_{111}^{(20)}m_{032}^{(10)} + 2m_{001}^{(00)}m_{111}^{(21)}m_{230}^{(22)} - 6m_{001}^{(00)}m_{111}^{(21)}m_{221}^{(21)} + 4m_{001}^{(00)}m_{111}^{(21)}m_{212}^{(11)}$$
$$+2m_{001}^{(00)}m_{111}^{(21)}m_{131}^{(20)} - 2m_{001}^{(00)}m_{111}^{(21)}m_{122}^{(10)} + 2m_{001}^{(00)}m_{111}^{(22)}m_{230}^{(21)} - 2m_{001}^{(00)}m_{111}^{(22)}m_{221}^{(11)}$$
$$-2m_{001}^{(00)}m_{111}^{(22)}m_{140}^{(20)} + 2m_{001}^{(00)}m_{111}^{(22)}m_{131}^{(10)} - m_{001}^{(00)}m_{102}^{(10)}m_{131}^{(21)} + m_{001}^{(00)}m_{102}^{(10)}m_{122}^{(11)}$$
$$+m_{001}^{(00)}m_{102}^{(10)}m_{041}^{(20)} - m_{001}^{(00)}m_{102}^{(10)}m_{032}^{(10)} + m_{001}^{(00)}m_{102}^{(11)}m_{221}^{(21)} - m_{001}^{(00)}m_{102}^{(11)}m_{212}^{(11)}$$
$$-m_{001}^{(00)}m_{102}^{(11)}m_{131}^{(20)} + m_{001}^{(00)}m_{102}^{(11)}m_{122}^{(10)} + m_{001}^{(00)}m_{102}^{(20)}m_{140}^{(21)} - m_{001}^{(00)}m_{102}^{(20)}m_{131}^{(11)}$$
$$-m_{001}^{(00)}m_{102}^{(20)}m_{050}^{(20)} + m_{001}^{(00)}m_{102}^{(20)}m_{041}^{(10)} - m_{001}^{(00)}m_{102}^{(21)}m_{230}^{(21)} + m_{001}^{(00)}m_{102}^{(21)}m_{221}^{(11)}$$
$$+m_{001}^{(00)}m_{102}^{(21)}m_{140}^{(20)} - m_{001}^{(00)}m_{102}^{(21)}m_{131}^{(10)} + m_{001}^{(00)}m_{030}^{(10)}m_{212}^{(22)} - m_{001}^{(00)}m_{030}^{(10)}m_{203}^{(21)}$$
$$-m_{001}^{(00)}m_{030}^{(10)}m_{113}^{(20)} + m_{001}^{(00)}m_{030}^{(10)}m_{104}^{(10)} - m_{001}^{(00)}m_{030}^{(20)}m_{221}^{(22)} + m_{001}^{(00)}m_{030}^{(20)}m_{212}^{(21)}$$
$$+m_{001}^{(00)}m_{030}^{(20)}m_{122}^{(20)} - m_{001}^{(00)}m_{030}^{(20)}m_{113}^{(10)} - m_{001}^{(00)}m_{030}^{(21)}m_{311}^{(22)} + m_{001}^{(00)}m_{030}^{(21)}m_{302}^{(21)}$$
$$+m_{001}^{(00)}m_{030}^{(21)}m_{212}^{(20)} - m_{001}^{(00)}m_{030}^{(21)}m_{203}^{(10)} + m_{001}^{(00)}m_{030}^{(22)}m_{320}^{(22)} - m_{001}^{(00)}m_{030}^{(22)}m_{311}^{(21)}$$
$$-m_{001}^{(00)}m_{030}^{(22)}m_{221}^{(20)} + m_{001}^{(00)}m_{030}^{(22)}m_{212}^{(10)} - m_{001}^{(00)}m_{021}^{(10)}m_{221}^{(22)} + m_{001}^{(00)}m_{021}^{(10)}m_{203}^{(11)}$$
$$+2m_{001}^{(00)}m_{021}^{(10)}m_{122}^{(20)} - 2m_{001}^{(00)}m_{021}^{(10)}m_{113}^{(10)} + m_{001}^{(00)}m_{021}^{(11)}m_{311}^{(22)} - m_{001}^{(00)}m_{021}^{(11)}m_{302}^{(21)}$$
$$-m_{001}^{(00)}m_{021}^{(11)}m_{212}^{(20)} + m_{001}^{(00)}m_{021}^{(11)}m_{203}^{(10)} + m_{001}^{(00)}m_{021}^{(20)}m_{230}^{(22)} - m_{001}^{(00)}m_{021}^{(20)}m_{212}^{(11)}$$
$$-2m_{001}^{(00)}m_{021}^{(20)}m_{131}^{(20)} + 2m_{001}^{(00)}m_{021}^{(20)}m_{122}^{(10)} - m_{001}^{(00)}m_{021}^{(21)}m_{320}^{(22)} + 2m_{001}^{(00)}m_{021}^{(21)}m_{311}^{(21)}$$
$$-m_{001}^{(00)}m_{021}^{(21)}m_{302}^{(11)} - m_{001}^{(00)}m_{021}^{(22)}m_{320}^{(21)} + m_{001}^{(00)}m_{021}^{(22)}m_{311}^{(11)} + m_{001}^{(00)}m_{021}^{(22)}m_{230}^{(20)}$$
$$-m_{001}^{(00)}m_{021}^{(22)}m_{221}^{(10)} + m_{001}^{(00)}m_{012}^{(10)}m_{221}^{(21)} - m_{001}^{(00)}m_{012}^{(10)}m_{212}^{(11)} - m_{001}^{(00)}m_{012}^{(10)}m_{131}^{(20)}$$
$$+m_{001}^{(00)}m_{012}^{(10)}m_{122}^{(10)} - m_{001}^{(00)}m_{012}^{(11)}m_{311}^{(21)} + m_{001}^{(00)}m_{012}^{(11)}m_{302}^{(11)} + m_{001}^{(00)}m_{012}^{(11)}m_{221}^{(20)}$$
$$-m_{001}^{(00)}m_{012}^{(11)}m_{212}^{(10)} - m_{001}^{(00)}m_{012}^{(20)}m_{230}^{(21)} + m_{001}^{(00)}m_{012}^{(20)}m_{221}^{(11)} + m_{001}^{(00)}m_{012}^{(20)}m_{140}^{(20)}$$
$$-m_{001}^{(00)}m_{012}^{(20)}m_{131}^{(10)} + m_{001}^{(00)}m_{012}^{(21)}m_{320}^{(21)} - m_{001}^{(00)}m_{012}^{(21)}m_{311}^{(11)} - m_{001}^{(00)}m_{012}^{(21)}m_{230}^{(20)}$$
$$+m_{001}^{(00)}m_{012}^{(21)}m_{221}^{(10)} + m_{001}^{(10)}m_{300}^{(10)}m_{032}^{(22)} - 2m_{001}^{(10)}m_{300}^{(10)}m_{023}^{(21)} + m_{001}^{(10)}m_{300}^{(10)}m_{014}^{(11)}$$
$$+m_{001}^{(10)}m_{300}^{(11)}m_{122}^{(22)} - m_{001}^{(10)}m_{300}^{(11)}m_{113}^{(21)} - m_{001}^{(10)}m_{300}^{(11)}m_{023}^{(20)} + m_{001}^{(10)}m_{300}^{(11)}m_{014}^{(10)}$$
$$-m_{001}^{(10)}m_{300}^{(20)}m_{041}^{(22)} + 2m_{001}^{(10)}m_{300}^{(20)}m_{032}^{(21)} - m_{001}^{(10)}m_{300}^{(20)}m_{023}^{(11)} - 3m_{001}^{(10)}m_{300}^{(21)}m_{131}^{(22)}$$
$$+4m_{001}^{(10)}m_{300}^{(21)}m_{122}^{(21)} - m_{001}^{(10)}m_{300}^{(21)}m_{113}^{(11)} + 2m_{001}^{(10)}m_{300}^{(21)}m_{032}^{(20)} - 2m_{001}^{(10)}m_{300}^{(21)}m_{023}^{(10)}$$
$$+2m_{001}^{(10)}m_{300}^{(22)}m_{140}^{(22)} - 3m_{001}^{(10)}m_{300}^{(22)}m_{131}^{(21)} + m_{001}^{(10)}m_{300}^{(22)}m_{122}^{(11)} - m_{001}^{(10)}m_{300}^{(22)}m_{041}^{(20)}$$
$$+m_{001}^{(10)}m_{300}^{(22)}m_{032}^{(10)} - m_{001}^{(10)}m_{210}^{(00)}m_{032}^{(22)} + 2m_{001}^{(10)}m_{210}^{(00)}m_{023}^{(21)} - m_{001}^{(10)}m_{210}^{(00)}m_{014}^{(11)}$$
$$-3m_{001}^{(10)}m_{210}^{(10)}m_{122}^{(22)} + 4m_{001}^{(10)}m_{210}^{(10)}m_{113}^{(21)} - m_{001}^{(10)}m_{210}^{(10)}m_{104}^{(11)} + 2m_{001}^{(10)}m_{210}^{(10)}m_{023}^{(20)}$$
$$-2m_{001}^{(10)}m_{210}^{(10)}m_{014}^{(10)} - 2m_{001}^{(10)}m_{210}^{(11)}m_{212}^{(22)} + m_{001}^{(10)}m_{210}^{(11)}m_{203}^{(21)} + 3m_{001}^{(10)}m_{210}^{(11)}m_{113}^{(20)}$$
$$-m_{001}^{(10)}m_{210}^{(11)}m_{104}^{(10)} - m_{001}^{(10)}m_{210}^{(11)}m_{014}^{(00)} + 5m_{001}^{(10)}m_{210}^{(20)}m_{131}^{(22)} - 8m_{001}^{(10)}m_{210}^{(20)}m_{122}^{(21)}$$
$$+3m_{001}^{(10)}m_{210}^{(20)}m_{113}^{(11)} - 2m_{001}^{(10)}m_{210}^{(20)}m_{032}^{(20)} + 2m_{001}^{(10)}m_{210}^{(20)}m_{023}^{(10)} + 7m_{001}^{(10)}m_{210}^{(21)}m_{221}^{(22)}$$

$$
\begin{aligned}
&-6m_{001}^{(10)}m_{210}^{(21)}m_{212}^{(21)} + m_{001}^{(10)}m_{210}^{(21)}m_{203}^{(11)} - 8m_{001}^{(10)}m_{210}^{(21)}m_{122}^{(20)} + 4m_{001}^{(10)}m_{210}^{(21)}m_{113}^{(10)}\\
&+2m_{001}^{(10)}m_{210}^{(21)}m_{023}^{(00)} - 6m_{001}^{(10)}m_{210}^{(22)}m_{230}^{(22)} + 7m_{001}^{(10)}m_{210}^{(22)}m_{221}^{(21)} - 2m_{001}^{(10)}m_{210}^{(22)}m_{212}^{(11)}\\
&+5m_{001}^{(10)}m_{210}^{(22)}m_{131}^{(20)} - 3m_{001}^{(10)}m_{210}^{(22)}m_{122}^{(10)} - m_{001}^{(10)}m_{210}^{(22)}m_{032}^{(00)} + m_{001}^{(10)}m_{201}^{(00)}m_{041}^{(22)}\\
&-2m_{001}^{(10)}m_{201}^{(00)}m_{032}^{(21)} + m_{001}^{(10)}m_{201}^{(00)}m_{023}^{(11)} + 2m_{001}^{(10)}m_{201}^{(10)}m_{122}^{(21)} - 2m_{001}^{(10)}m_{201}^{(10)}m_{113}^{(11)}\\
&-2m_{001}^{(10)}m_{201}^{(10)}m_{032}^{(20)} + 2m_{001}^{(10)}m_{201}^{(10)}m_{023}^{(10)} - m_{001}^{(10)}m_{201}^{(11)}m_{221}^{(22)} + 2m_{001}^{(10)}m_{201}^{(11)}m_{212}^{(21)}\\
&-2m_{001}^{(10)}m_{201}^{(11)}m_{113}^{(10)} + m_{001}^{(10)}m_{201}^{(11)}m_{023}^{(00)} - 2m_{001}^{(10)}m_{201}^{(20)}m_{140}^{(22)} + 2m_{001}^{(10)}m_{201}^{(20)}m_{131}^{(21)}\\
&+2m_{001}^{(10)}m_{201}^{(20)}m_{041}^{(20)} - 2m_{001}^{(10)}m_{201}^{(20)}m_{032}^{(10)} + 2m_{001}^{(10)}m_{201}^{(21)}m_{230}^{(22)} - 6m_{001}^{(10)}m_{201}^{(21)}m_{221}^{(21)}\\
&+2m_{001}^{(10)}m_{201}^{(21)}m_{212}^{(11)} + 2m_{001}^{(10)}m_{201}^{(21)}m_{131}^{(20)} + 2m_{001}^{(10)}m_{201}^{(21)}m_{122}^{(10)} - 2m_{001}^{(10)}m_{201}^{(21)}m_{032}^{(00)}\\
&+2m_{001}^{(10)}m_{201}^{(22)}m_{230}^{(21)} - m_{001}^{(10)}m_{201}^{(22)}m_{221}^{(11)} - 2m_{001}^{(10)}m_{201}^{(22)}m_{140}^{(20)} + m_{001}^{(10)}m_{201}^{(22)}m_{041}^{(00)}\\
&+2m_{001}^{(10)}m_{120}^{(00)}m_{122}^{(22)} - 3m_{001}^{(10)}m_{120}^{(00)}m_{113}^{(21)} + m_{001}^{(10)}m_{120}^{(00)}m_{104}^{(11)} - m_{001}^{(10)}m_{120}^{(00)}m_{023}^{(20)}\\
&+m_{001}^{(10)}m_{120}^{(00)}m_{014}^{(10)} + 3m_{001}^{(10)}m_{120}^{(10)}m_{212}^{(22)} - 2m_{001}^{(10)}m_{120}^{(10)}m_{203}^{(21)} - 4m_{001}^{(10)}m_{120}^{(10)}m_{113}^{(20)}\\
&+2m_{001}^{(10)}m_{120}^{(10)}m_{104}^{(10)} + m_{001}^{(10)}m_{120}^{(10)}m_{014}^{(00)} + m_{001}^{(10)}m_{120}^{(11)}m_{302}^{(22)} - 2m_{001}^{(10)}m_{120}^{(11)}m_{203}^{(20)}\\
&+m_{001}^{(10)}m_{120}^{(11)}m_{104}^{(00)} - 7m_{001}^{(10)}m_{120}^{(20)}m_{221}^{(22)} + 8m_{001}^{(10)}m_{120}^{(20)}m_{212}^{(21)} - 2m_{001}^{(10)}m_{120}^{(20)}m_{203}^{(11)}\\
&+6m_{001}^{(10)}m_{120}^{(20)}m_{122}^{(20)} - 4m_{001}^{(10)}m_{120}^{(20)}m_{113}^{(10)} - m_{001}^{(10)}m_{120}^{(20)}m_{023}^{(00)} - 5m_{001}^{(10)}m_{120}^{(21)}m_{311}^{(22)}\\
&+2m_{001}^{(10)}m_{120}^{(21)}m_{302}^{(21)} + 8m_{001}^{(10)}m_{120}^{(21)}m_{212}^{(20)} - 2m_{001}^{(10)}m_{120}^{(21)}m_{203}^{(10)} - 3m_{001}^{(10)}m_{120}^{(21)}m_{113}^{(00)}\\
&+6m_{001}^{(10)}m_{120}^{(22)}m_{320}^{(22)} - 5m_{001}^{(10)}m_{120}^{(22)}m_{311}^{(21)} + m_{001}^{(10)}m_{120}^{(22)}m_{302}^{(11)} - 7m_{001}^{(10)}m_{120}^{(22)}m_{221}^{(20)}\\
&+3m_{001}^{(10)}m_{120}^{(22)}m_{212}^{(10)} + 2m_{001}^{(10)}m_{120}^{(22)}m_{122}^{(00)} - 2m_{001}^{(10)}m_{111}^{(00)}m_{131}^{(22)} + 2m_{001}^{(10)}m_{111}^{(00)}m_{122}^{(21)}\\
&+2m_{001}^{(10)}m_{111}^{(00)}m_{032}^{(20)} - 2m_{001}^{(10)}m_{111}^{(00)}m_{023}^{(10)} - 4m_{001}^{(10)}m_{111}^{(10)}m_{212}^{(21)} + 2m_{001}^{(10)}m_{111}^{(10)}m_{203}^{(11)}\\
&+4m_{001}^{(10)}m_{111}^{(10)}m_{122}^{(20)} - 2m_{001}^{(10)}m_{111}^{(10)}m_{023}^{(00)} + 2m_{001}^{(10)}m_{111}^{(11)}m_{311}^{(22)} - 2m_{001}^{(10)}m_{111}^{(11)}m_{302}^{(21)}\\
&-2m_{001}^{(10)}m_{111}^{(11)}m_{212}^{(20)} + 2m_{001}^{(10)}m_{111}^{(11)}m_{203}^{(10)} + 4m_{001}^{(10)}m_{111}^{(20)}m_{230}^{(22)} - 2m_{001}^{(10)}m_{111}^{(20)}m_{212}^{(11)}\\
&-8m_{001}^{(10)}m_{111}^{(20)}m_{131}^{(20)} + 4m_{001}^{(10)}m_{111}^{(20)}m_{122}^{(10)} + 2m_{001}^{(10)}m_{111}^{(20)}m_{032}^{(00)} - 4m_{001}^{(10)}m_{111}^{(21)}m_{320}^{(22)}\\
&+8m_{001}^{(10)}m_{111}^{(21)}m_{311}^{(21)} - 2m_{001}^{(10)}m_{111}^{(21)}m_{302}^{(11)} - 4m_{001}^{(10)}m_{111}^{(21)}m_{212}^{(10)} + 2m_{001}^{(10)}m_{111}^{(21)}m_{122}^{(00)}\\
&-4m_{001}^{(10)}m_{111}^{(22)}m_{320}^{(21)} + 2m_{001}^{(10)}m_{111}^{(22)}m_{311}^{(11)} + 4m_{001}^{(10)}m_{111}^{(22)}m_{230}^{(20)} - 2m_{001}^{(10)}m_{111}^{(22)}m_{131}^{(00)}\\
&+m_{001}^{(10)}m_{102}^{(00)}m_{131}^{(21)} - m_{001}^{(10)}m_{102}^{(00)}m_{122}^{(11)} - m_{001}^{(10)}m_{102}^{(00)}m_{041}^{(20)} + m_{001}^{(10)}m_{102}^{(00)}m_{032}^{(10)}\\
&+m_{001}^{(10)}m_{102}^{(10)}m_{212}^{(11)} - 2m_{001}^{(10)}m_{102}^{(10)}m_{122}^{(10)} + m_{001}^{(10)}m_{102}^{(10)}m_{032}^{(00)} - m_{001}^{(10)}m_{102}^{(11)}m_{311}^{(21)}\\
&+m_{001}^{(10)}m_{102}^{(11)}m_{221}^{(20)} + m_{001}^{(10)}m_{102}^{(11)}m_{212}^{(10)} - m_{001}^{(10)}m_{102}^{(11)}m_{122}^{(00)} - 2m_{001}^{(10)}m_{102}^{(20)}m_{230}^{(21)}\\
&+m_{001}^{(10)}m_{102}^{(20)}m_{221}^{(11)} + 2m_{001}^{(10)}m_{102}^{(20)}m_{140}^{(20)} - m_{001}^{(10)}m_{102}^{(20)}m_{041}^{(00)} + 2m_{001}^{(10)}m_{102}^{(21)}m_{320}^{(21)}\\
&-m_{001}^{(10)}m_{102}^{(21)}m_{311}^{(11)} - 2m_{001}^{(10)}m_{102}^{(21)}m_{230}^{(20)} + m_{001}^{(10)}m_{102}^{(21)}m_{131}^{(00)} - m_{001}^{(10)}m_{030}^{(00)}m_{212}^{(22)}\\
&+m_{001}^{(10)}m_{030}^{(00)}m_{203}^{(21)} + m_{001}^{(10)}m_{030}^{(00)}m_{113}^{(20)} - m_{001}^{(10)}m_{030}^{(00)}m_{104}^{(10)} - m_{001}^{(10)}m_{030}^{(10)}m_{302}^{(22)}\\
&+2m_{001}^{(10)}m_{030}^{(10)}m_{203}^{(20)} - m_{001}^{(10)}m_{030}^{(10)}m_{104}^{(00)} + 3m_{001}^{(10)}m_{030}^{(20)}m_{311}^{(22)} - 2m_{001}^{(10)}m_{030}^{(20)}m_{302}^{(21)}\\
&-4m_{001}^{(10)}m_{030}^{(20)}m_{212}^{(20)} + 2m_{001}^{(10)}m_{030}^{(20)}m_{203}^{(10)} + m_{001}^{(10)}m_{030}^{(20)}m_{113}^{(00)} + m_{001}^{(10)}m_{030}^{(21)}m_{401}^{(22)}\\
&-2m_{001}^{(10)}m_{030}^{(21)}m_{302}^{(20)} + m_{001}^{(10)}m_{030}^{(21)}m_{203}^{(00)} - 2m_{001}^{(10)}m_{030}^{(22)}m_{410}^{(22)} + m_{001}^{(10)}m_{030}^{(22)}m_{401}^{(21)}\\
&+3m_{001}^{(10)}m_{030}^{(22)}m_{311}^{(20)} - m_{001}^{(10)}m_{030}^{(22)}m_{302}^{(10)} - m_{001}^{(10)}m_{030}^{(22)}m_{212}^{(00)} + m_{001}^{(10)}m_{021}^{(00)}m_{221}^{(22)}\\
&-m_{001}^{(10)}m_{021}^{(00)}m_{203}^{(11)} - 2m_{001}^{(10)}m_{021}^{(00)}m_{122}^{(20)} + 2m_{001}^{(10)}m_{021}^{(00)}m_{113}^{(10)} + 2m_{001}^{(10)}m_{021}^{(10)}m_{302}^{(21)}\\
&-2m_{001}^{(10)}m_{021}^{(10)}m_{212}^{(20)} - 2m_{001}^{(10)}m_{021}^{(10)}m_{203}^{(10)} + 2m_{001}^{(10)}m_{021}^{(10)}m_{113}^{(00)} - m_{001}^{(10)}m_{021}^{(11)}m_{401}^{(22)}\\
&+2m_{001}^{(10)}m_{021}^{(11)}m_{302}^{(20)} - m_{001}^{(10)}m_{021}^{(11)}m_{203}^{(00)} - 2m_{001}^{(10)}m_{021}^{(20)}m_{320}^{(22)} - 2m_{001}^{(10)}m_{021}^{(20)}m_{311}^{(21)}\\
&+2m_{001}^{(10)}m_{021}^{(20)}m_{302}^{(11)} + 6m_{001}^{(10)}m_{021}^{(20)}m_{221}^{(20)} - 2m_{001}^{(10)}m_{021}^{(20)}m_{212}^{(10)} - 2m_{001}^{(10)}m_{021}^{(20)}m_{122}^{(00)}\\
&+2m_{001}^{(10)}m_{021}^{(21)}m_{410}^{(22)} - 2m_{001}^{(10)}m_{021}^{(21)}m_{401}^{(21)} - 2m_{001}^{(10)}m_{021}^{(21)}m_{311}^{(20)} + 2m_{001}^{(10)}m_{021}^{(21)}m_{302}^{(10)}
\end{aligned}
$$

$$+2m_{001}^{(10)}m_{021}^{(22)}m_{410}^{(21)} - m_{001}^{(10)}m_{021}^{(22)}m_{401}^{(11)} - 2m_{001}^{(10)}m_{021}^{(22)}m_{320}^{(20)} + m_{001}^{(10)}m_{021}^{(22)}m_{221}^{(00)}$$
$$-m_{001}^{(10)}m_{012}^{(00)}m_{221}^{(21)} + m_{001}^{(10)}m_{012}^{(00)}m_{212}^{(11)} + m_{001}^{(10)}m_{012}^{(00)}m_{131}^{(20)} - m_{001}^{(10)}m_{012}^{(00)}m_{122}^{(10)}$$
$$-m_{001}^{(10)}m_{012}^{(10)}m_{302}^{(11)} + 2m_{001}^{(10)}m_{012}^{(10)}m_{212}^{(10)} - m_{001}^{(10)}m_{012}^{(10)}m_{122}^{(00)} + m_{001}^{(10)}m_{012}^{(11)}m_{401}^{(21)}$$
$$-m_{001}^{(10)}m_{012}^{(11)}m_{311}^{(20)} - m_{001}^{(10)}m_{012}^{(11)}m_{302}^{(10)} + m_{001}^{(10)}m_{012}^{(11)}m_{212}^{(00)} + 2m_{001}^{(10)}m_{012}^{(20)}m_{320}^{(21)}$$
$$-m_{001}^{(10)}m_{012}^{(20)}m_{311}^{(11)} - 2m_{001}^{(10)}m_{012}^{(20)}m_{230}^{(20)} + m_{001}^{(10)}m_{012}^{(20)}m_{131}^{(00)} - 2m_{001}^{(10)}m_{012}^{(21)}m_{410}^{(21)}$$
$$+m_{001}^{(10)}m_{012}^{(21)}m_{401}^{(11)} + 2m_{001}^{(10)}m_{012}^{(21)}m_{320}^{(20)} - m_{001}^{(10)}m_{012}^{(21)}m_{221}^{(00)} - m_{001}^{(11)}m_{300}^{(10)}m_{122}^{(22)}$$
$$+m_{001}^{(11)}m_{300}^{(10)}m_{113}^{(21)} + m_{001}^{(11)}m_{300}^{(10)}m_{023}^{(20)} - m_{001}^{(11)}m_{300}^{(10)}m_{014}^{(10)} + m_{001}^{(11)}m_{300}^{(20)}m_{131}^{(22)}$$
$$-m_{001}^{(11)}m_{300}^{(20)}m_{122}^{(21)} - m_{001}^{(11)}m_{300}^{(20)}m_{032}^{(20)} + m_{001}^{(11)}m_{300}^{(20)}m_{023}^{(10)} + m_{001}^{(11)}m_{300}^{(21)}m_{221}^{(22)}$$
$$-m_{001}^{(11)}m_{300}^{(21)}m_{212}^{(21)} - m_{001}^{(11)}m_{300}^{(21)}m_{122}^{(20)} + m_{001}^{(11)}m_{300}^{(21)}m_{113}^{(10)} - m_{001}^{(11)}m_{300}^{(22)}m_{230}^{(22)}$$
$$+m_{001}^{(11)}m_{300}^{(22)}m_{221}^{(21)} + m_{001}^{(11)}m_{300}^{(22)}m_{131}^{(20)} - m_{001}^{(11)}m_{300}^{(22)}m_{122}^{(10)} + m_{001}^{(11)}m_{210}^{(00)}m_{122}^{(22)}$$
$$-m_{001}^{(11)}m_{210}^{(00)}m_{113}^{(21)} - m_{001}^{(11)}m_{210}^{(00)}m_{023}^{(20)} + m_{001}^{(11)}m_{210}^{(00)}m_{014}^{(10)} + 2m_{001}^{(11)}m_{210}^{(10)}m_{212}^{(22)}$$
$$-m_{001}^{(11)}m_{210}^{(10)}m_{203}^{(21)} - 3m_{001}^{(11)}m_{210}^{(10)}m_{113}^{(20)} + m_{001}^{(11)}m_{210}^{(10)}m_{104}^{(10)} + m_{001}^{(11)}m_{210}^{(10)}m_{014}^{(00)}$$
$$-4m_{001}^{(11)}m_{210}^{(20)}m_{221}^{(22)} + 3m_{001}^{(11)}m_{210}^{(20)}m_{212}^{(21)} + 5m_{001}^{(11)}m_{210}^{(20)}m_{122}^{(20)} - 3m_{001}^{(11)}m_{210}^{(20)}m_{113}^{(10)}$$
$$-m_{001}^{(11)}m_{210}^{(20)}m_{023}^{(00)} - 2m_{001}^{(11)}m_{210}^{(21)}m_{311}^{(22)} + m_{001}^{(11)}m_{210}^{(21)}m_{302}^{(21)} + 3m_{001}^{(11)}m_{210}^{(21)}m_{212}^{(20)}$$
$$-m_{001}^{(11)}m_{210}^{(21)}m_{203}^{(10)} - m_{001}^{(11)}m_{210}^{(21)}m_{113}^{(00)} + 3m_{001}^{(11)}m_{210}^{(22)}m_{320}^{(22)} - 2m_{001}^{(11)}m_{210}^{(22)}m_{311}^{(21)}$$
$$-4m_{001}^{(11)}m_{210}^{(22)}m_{221}^{(20)} + 2m_{001}^{(11)}m_{210}^{(22)}m_{212}^{(10)} + m_{001}^{(11)}m_{210}^{(22)}m_{122}^{(00)} - m_{001}^{(11)}m_{201}^{(00)}m_{131}^{(22)}$$
$$+m_{001}^{(11)}m_{201}^{(00)}m_{122}^{(21)} + m_{001}^{(11)}m_{201}^{(00)}m_{032}^{(20)} - m_{001}^{(11)}m_{201}^{(00)}m_{023}^{(10)} + m_{001}^{(11)}m_{201}^{(10)}m_{221}^{(22)}$$
$$-2m_{001}^{(11)}m_{201}^{(10)}m_{212}^{(21)} + 2m_{001}^{(11)}m_{201}^{(10)}m_{113}^{(10)} - m_{001}^{(11)}m_{201}^{(10)}m_{023}^{(00)} + m_{001}^{(11)}m_{201}^{(20)}m_{230}^{(22)}$$
$$-2m_{001}^{(11)}m_{201}^{(20)}m_{131}^{(20)} + m_{001}^{(11)}m_{201}^{(20)}m_{032}^{(00)} - m_{001}^{(11)}m_{201}^{(21)}m_{320}^{(22)} + 2m_{001}^{(11)}m_{201}^{(21)}m_{311}^{(21)}$$
$$-2m_{001}^{(11)}m_{201}^{(21)}m_{212}^{(10)} + m_{001}^{(11)}m_{201}^{(21)}m_{122}^{(00)} - m_{001}^{(11)}m_{201}^{(22)}m_{320}^{(21)} + m_{001}^{(11)}m_{201}^{(22)}m_{230}^{(20)}$$
$$+m_{001}^{(11)}m_{201}^{(22)}m_{221}^{(10)} - m_{001}^{(11)}m_{201}^{(22)}m_{131}^{(00)} - 2m_{001}^{(11)}m_{120}^{(00)}m_{212}^{(22)} + m_{001}^{(11)}m_{120}^{(00)}m_{203}^{(21)}$$
$$+3m_{001}^{(11)}m_{120}^{(00)}m_{113}^{(20)} - m_{001}^{(11)}m_{120}^{(00)}m_{104}^{(10)} - m_{001}^{(11)}m_{120}^{(00)}m_{014}^{(00)} - m_{001}^{(11)}m_{120}^{(10)}m_{302}^{(22)}$$
$$+2m_{001}^{(11)}m_{120}^{(10)}m_{203}^{(20)} - m_{001}^{(11)}m_{120}^{(10)}m_{104}^{(00)} + 5m_{001}^{(11)}m_{120}^{(20)}m_{311}^{(22)} - 2m_{001}^{(11)}m_{120}^{(20)}m_{302}^{(21)}$$
$$-8m_{001}^{(11)}m_{120}^{(20)}m_{212}^{(20)} + 2m_{001}^{(11)}m_{120}^{(20)}m_{203}^{(10)} + 3m_{001}^{(11)}m_{120}^{(20)}m_{113}^{(00)} + m_{001}^{(11)}m_{120}^{(21)}m_{401}^{(22)}$$
$$-2m_{001}^{(11)}m_{120}^{(21)}m_{302}^{(20)} + m_{001}^{(11)}m_{120}^{(21)}m_{203}^{(00)} - 3m_{001}^{(11)}m_{120}^{(22)}m_{410}^{(22)} + m_{001}^{(11)}m_{120}^{(22)}m_{401}^{(21)}$$
$$+5m_{001}^{(11)}m_{120}^{(22)}m_{311}^{(20)} - m_{001}^{(11)}m_{120}^{(22)}m_{302}^{(10)} - 2m_{001}^{(11)}m_{120}^{(22)}m_{212}^{(00)} + 2m_{001}^{(11)}m_{111}^{(00)}m_{221}^{(22)}$$
$$-4m_{001}^{(11)}m_{111}^{(00)}m_{122}^{(20)} + 2m_{001}^{(11)}m_{111}^{(00)}m_{023}^{(00)} - 2m_{001}^{(11)}m_{111}^{(10)}m_{311}^{(22)} + 2m_{001}^{(11)}m_{111}^{(10)}m_{302}^{(21)}$$
$$+2m_{001}^{(11)}m_{111}^{(10)}m_{212}^{(20)} - 2m_{001}^{(11)}m_{111}^{(10)}m_{203}^{(10)} - 2m_{001}^{(11)}m_{111}^{(20)}m_{320}^{(22)} - 2m_{001}^{(11)}m_{111}^{(20)}m_{311}^{(21)}$$
$$+6m_{001}^{(11)}m_{111}^{(20)}m_{221}^{(20)} + 2m_{001}^{(11)}m_{111}^{(20)}m_{212}^{(10)} - 4m_{001}^{(11)}m_{111}^{(20)}m_{122}^{(00)} + 2m_{001}^{(11)}m_{111}^{(21)}m_{410}^{(22)}$$
$$-2m_{001}^{(11)}m_{111}^{(21)}m_{401}^{(21)} - 2m_{001}^{(11)}m_{111}^{(21)}m_{311}^{(20)} + 2m_{001}^{(11)}m_{111}^{(21)}m_{302}^{(10)} + 2m_{001}^{(11)}m_{111}^{(22)}m_{410}^{(21)}$$
$$-2m_{001}^{(11)}m_{111}^{(22)}m_{320}^{(20)} - 2m_{001}^{(11)}m_{111}^{(22)}m_{311}^{(10)} + 2m_{001}^{(11)}m_{111}^{(22)}m_{221}^{(00)} - m_{001}^{(11)}m_{102}^{(00)}m_{221}^{(21)}$$
$$+m_{001}^{(11)}m_{102}^{(00)}m_{131}^{(20)} + m_{001}^{(11)}m_{102}^{(00)}m_{122}^{(10)} - m_{001}^{(11)}m_{102}^{(00)}m_{032}^{(00)} + m_{001}^{(11)}m_{102}^{(10)}m_{311}^{(21)}$$
$$-m_{001}^{(11)}m_{102}^{(10)}m_{221}^{(20)} - m_{001}^{(11)}m_{102}^{(10)}m_{212}^{(10)} + m_{001}^{(11)}m_{102}^{(10)}m_{122}^{(00)} + m_{001}^{(11)}m_{102}^{(20)}m_{320}^{(21)}$$
$$-m_{001}^{(11)}m_{102}^{(20)}m_{230}^{(20)} - m_{001}^{(11)}m_{102}^{(20)}m_{221}^{(10)} + m_{001}^{(11)}m_{102}^{(20)}m_{131}^{(00)} - m_{001}^{(11)}m_{102}^{(21)}m_{410}^{(21)}$$
$$+m_{001}^{(11)}m_{102}^{(21)}m_{320}^{(20)} + m_{001}^{(11)}m_{102}^{(21)}m_{311}^{(10)} - m_{001}^{(11)}m_{102}^{(21)}m_{221}^{(00)} + m_{001}^{(11)}m_{030}^{(00)}m_{302}^{(22)}$$
$$-2m_{001}^{(11)}m_{030}^{(00)}m_{203}^{(20)} + m_{001}^{(11)}m_{030}^{(00)}m_{104}^{(00)} - 2m_{001}^{(11)}m_{030}^{(20)}m_{401}^{(22)} + 4m_{001}^{(11)}m_{030}^{(20)}m_{302}^{(20)}$$
$$-2m_{001}^{(11)}m_{030}^{(20)}m_{203}^{(00)} + m_{001}^{(11)}m_{030}^{(22)}m_{500}^{(22)} - 2m_{001}^{(11)}m_{030}^{(22)}m_{401}^{(20)} + m_{001}^{(11)}m_{030}^{(22)}m_{302}^{(00)}$$
$$-m_{001}^{(11)}m_{021}^{(00)}m_{311}^{(22)} - m_{001}^{(11)}m_{021}^{(00)}m_{302}^{(21)} + 3m_{001}^{(11)}m_{021}^{(00)}m_{212}^{(20)} + m_{001}^{(11)}m_{021}^{(00)}m_{203}^{(10)}$$

$$
\begin{aligned}
&-2m_{001}^{(11)}m_{021}^{(00)}m_{113}^{(00)} + m_{001}^{(11)}m_{021}^{(10)}m_{401}^{(22)} - 2m_{001}^{(11)}m_{021}^{(10)}m_{302}^{(20)} + m_{001}^{(11)}m_{021}^{(10)}m_{203}^{(00)}\\
&+m_{001}^{(11)}m_{021}^{(20)}m_{410}^{(22)} + 2m_{001}^{(11)}m_{021}^{(20)}m_{401}^{(21)} - 4m_{001}^{(11)}m_{021}^{(20)}m_{311}^{(20)} - 2m_{001}^{(11)}m_{021}^{(20)}m_{302}^{(10)}\\
&+3m_{001}^{(11)}m_{021}^{(20)}m_{212}^{(00)} - m_{001}^{(11)}m_{021}^{(21)}m_{500}^{(22)} + 2m_{001}^{(11)}m_{021}^{(21)}m_{401}^{(20)} - m_{001}^{(11)}m_{021}^{(21)}m_{302}^{(00)}\\
&-m_{001}^{(11)}m_{021}^{(22)}m_{500}^{(21)} + m_{001}^{(11)}m_{021}^{(22)}m_{410}^{(20)} + m_{001}^{(11)}m_{021}^{(22)}m_{401}^{(10)} - m_{001}^{(11)}m_{021}^{(22)}m_{311}^{(00)}\\
&+m_{001}^{(11)}m_{012}^{(00)}m_{311}^{(21)} - m_{001}^{(11)}m_{012}^{(00)}m_{221}^{(20)} - m_{001}^{(11)}m_{012}^{(00)}m_{212}^{(10)} + m_{001}^{(11)}m_{012}^{(00)}m_{122}^{(00)}\\
&-m_{001}^{(11)}m_{012}^{(10)}m_{401}^{(21)} + m_{001}^{(11)}m_{012}^{(10)}m_{311}^{(20)} + m_{001}^{(11)}m_{012}^{(10)}m_{302}^{(10)} - m_{001}^{(11)}m_{012}^{(10)}m_{212}^{(00)}\\
&-m_{001}^{(11)}m_{012}^{(20)}m_{410}^{(21)} + m_{001}^{(11)}m_{012}^{(20)}m_{320}^{(20)} + m_{001}^{(11)}m_{012}^{(20)}m_{311}^{(10)} - m_{001}^{(11)}m_{012}^{(20)}m_{221}^{(00)}\\
&+m_{001}^{(11)}m_{012}^{(21)}m_{500}^{(21)} - m_{001}^{(11)}m_{012}^{(21)}m_{410}^{(20)} - m_{001}^{(11)}m_{012}^{(21)}m_{401}^{(10)} + m_{001}^{(11)}m_{012}^{(21)}m_{311}^{(00)}\\
&-m_{001}^{(20)}m_{300}^{(10)}m_{041}^{(22)} + 2m_{001}^{(20)}m_{300}^{(10)}m_{032}^{(21)} - m_{001}^{(20)}m_{300}^{(10)}m_{023}^{(11)} + m_{001}^{(20)}m_{300}^{(11)}m_{131}^{(22)}\\
&-3m_{001}^{(20)}m_{300}^{(11)}m_{122}^{(21)} + 2m_{001}^{(20)}m_{300}^{(11)}m_{113}^{(11)} + m_{001}^{(20)}m_{300}^{(11)}m_{032}^{(20)} - m_{001}^{(20)}m_{300}^{(11)}m_{023}^{(10)}\\
&+m_{001}^{(20)}m_{300}^{(20)}m_{050}^{(22)} - 2m_{001}^{(20)}m_{300}^{(20)}m_{041}^{(21)} + m_{001}^{(20)}m_{300}^{(20)}m_{032}^{(11)} - m_{001}^{(20)}m_{300}^{(21)}m_{140}^{(22)}\\
&+4m_{001}^{(20)}m_{300}^{(21)}m_{131}^{(21)} - 3m_{001}^{(20)}m_{300}^{(21)}m_{122}^{(11)} - 2m_{001}^{(20)}m_{300}^{(21)}m_{041}^{(20)} + 2m_{001}^{(20)}m_{300}^{(21)}m_{032}^{(10)}\\
&-m_{001}^{(20)}m_{300}^{(22)}m_{140}^{(21)} + m_{001}^{(20)}m_{300}^{(22)}m_{131}^{(11)} + m_{001}^{(20)}m_{300}^{(22)}m_{050}^{(20)} - m_{001}^{(20)}m_{300}^{(22)}m_{041}^{(10)}\\
&+m_{001}^{(20)}m_{210}^{(00)}m_{041}^{(22)} - 2m_{001}^{(20)}m_{210}^{(00)}m_{032}^{(21)} + m_{001}^{(20)}m_{210}^{(00)}m_{023}^{(11)} + m_{001}^{(20)}m_{210}^{(10)}m_{131}^{(22)}\\
&-m_{001}^{(20)}m_{210}^{(10)}m_{113}^{(11)} - 2m_{001}^{(20)}m_{210}^{(10)}m_{032}^{(20)} + 2m_{001}^{(20)}m_{210}^{(10)}m_{023}^{(10)} - 2m_{001}^{(20)}m_{210}^{(11)}m_{221}^{(22)}\\
&+5m_{001}^{(20)}m_{210}^{(11)}m_{212}^{(21)} - 2m_{001}^{(20)}m_{210}^{(11)}m_{203}^{(11)} - m_{001}^{(20)}m_{210}^{(11)}m_{122}^{(20)} - m_{001}^{(20)}m_{210}^{(11)}m_{113}^{(10)}\\
&+m_{001}^{(20)}m_{210}^{(11)}m_{023}^{(00)} - 3m_{001}^{(20)}m_{210}^{(20)}m_{140}^{(22)} + 4m_{001}^{(20)}m_{210}^{(20)}m_{131}^{(21)} - m_{001}^{(20)}m_{210}^{(20)}m_{122}^{(11)}\\
&+2m_{001}^{(20)}m_{210}^{(20)}m_{041}^{(20)} - 2m_{001}^{(20)}m_{210}^{(20)}m_{032}^{(10)} + 3m_{001}^{(20)}m_{210}^{(21)}m_{230}^{(22)} - 10m_{001}^{(20)}m_{210}^{(21)}m_{221}^{(21)}\\
&+5m_{001}^{(20)}m_{210}^{(21)}m_{212}^{(11)} + 4m_{001}^{(20)}m_{210}^{(21)}m_{131}^{(20)} - 2m_{001}^{(20)}m_{210}^{(21)}m_{032}^{(00)} + 3m_{001}^{(20)}m_{210}^{(22)}m_{230}^{(21)}\\
&-2m_{001}^{(20)}m_{210}^{(22)}m_{221}^{(11)} - 3m_{001}^{(20)}m_{210}^{(22)}m_{140}^{(20)} + m_{001}^{(20)}m_{210}^{(22)}m_{131}^{(10)} + m_{001}^{(20)}m_{210}^{(22)}m_{041}^{(00)}\\
&-m_{001}^{(20)}m_{201}^{(00)}m_{050}^{(22)} + 2m_{001}^{(20)}m_{201}^{(00)}m_{041}^{(21)} - m_{001}^{(20)}m_{201}^{(00)}m_{032}^{(11)} + 2m_{001}^{(20)}m_{201}^{(10)}m_{140}^{(22)}\\
&-6m_{001}^{(20)}m_{201}^{(10)}m_{131}^{(21)} + 4m_{001}^{(20)}m_{201}^{(10)}m_{122}^{(11)} + 2m_{001}^{(20)}m_{201}^{(10)}m_{041}^{(20)} - 2m_{001}^{(20)}m_{201}^{(10)}m_{032}^{(10)}\\
&-m_{001}^{(20)}m_{201}^{(11)}m_{230}^{(22)} + 4m_{001}^{(20)}m_{201}^{(11)}m_{221}^{(21)} - 4m_{001}^{(20)}m_{201}^{(11)}m_{212}^{(11)} - 2m_{001}^{(20)}m_{201}^{(11)}m_{131}^{(20)}\\
&+4m_{001}^{(20)}m_{201}^{(11)}m_{122}^{(10)} - m_{001}^{(20)}m_{201}^{(11)}m_{032}^{(00)} + 2m_{001}^{(20)}m_{201}^{(20)}m_{140}^{(21)} - 2m_{001}^{(20)}m_{201}^{(20)}m_{131}^{(11)}\\
&-2m_{001}^{(20)}m_{201}^{(20)}m_{050}^{(20)} + 2m_{001}^{(20)}m_{201}^{(20)}m_{041}^{(10)} - 2m_{001}^{(20)}m_{201}^{(21)}m_{230}^{(21)} + 4m_{001}^{(20)}m_{201}^{(21)}m_{221}^{(11)}\\
&+2m_{001}^{(20)}m_{201}^{(21)}m_{140}^{(20)} - 6m_{001}^{(20)}m_{201}^{(21)}m_{131}^{(10)} + 2m_{001}^{(20)}m_{201}^{(21)}m_{041}^{(00)} - m_{001}^{(20)}m_{201}^{(22)}m_{230}^{(11)}\\
&+2m_{001}^{(20)}m_{201}^{(22)}m_{140}^{(10)} - m_{001}^{(20)}m_{201}^{(22)}m_{050}^{(00)} - 2m_{001}^{(20)}m_{120}^{(00)}m_{131}^{(22)} + 3m_{001}^{(20)}m_{120}^{(00)}m_{122}^{(21)}\\
&-m_{001}^{(20)}m_{120}^{(00)}m_{113}^{(11)} + m_{001}^{(20)}m_{120}^{(00)}m_{032}^{(20)} - m_{001}^{(20)}m_{120}^{(00)}m_{023}^{(10)} + m_{001}^{(20)}m_{120}^{(10)}m_{221}^{(22)}\\
&-4m_{001}^{(20)}m_{120}^{(10)}m_{212}^{(21)} + 2m_{001}^{(20)}m_{120}^{(10)}m_{203}^{(11)} + 2m_{001}^{(20)}m_{120}^{(10)}m_{122}^{(20)} - m_{001}^{(20)}m_{120}^{(10)}m_{023}^{(00)}\\
&+m_{001}^{(20)}m_{120}^{(11)}m_{311}^{(22)} - 2m_{001}^{(20)}m_{120}^{(11)}m_{302}^{(21)} + 2m_{001}^{(20)}m_{120}^{(11)}m_{203}^{(10)} - m_{001}^{(20)}m_{120}^{(11)}m_{113}^{(00)}\\
&+3m_{001}^{(20)}m_{120}^{(20)}m_{230}^{(22)} - 2m_{001}^{(20)}m_{120}^{(20)}m_{221}^{(21)} - 4m_{001}^{(20)}m_{120}^{(20)}m_{131}^{(20)} + 2m_{001}^{(20)}m_{120}^{(20)}m_{122}^{(10)}\\
&+m_{001}^{(20)}m_{120}^{(20)}m_{032}^{(00)} - 3m_{001}^{(20)}m_{120}^{(21)}m_{320}^{(22)} + 8m_{001}^{(20)}m_{120}^{(21)}m_{311}^{(21)} - 2m_{001}^{(20)}m_{120}^{(21)}m_{302}^{(11)}\\
&-2m_{001}^{(20)}m_{120}^{(21)}m_{221}^{(20)} - 4m_{001}^{(20)}m_{120}^{(21)}m_{212}^{(10)} + 3m_{001}^{(20)}m_{120}^{(21)}m_{122}^{(00)} - 3m_{001}^{(20)}m_{120}^{(22)}m_{320}^{(21)}\\
&+m_{001}^{(20)}m_{120}^{(22)}m_{311}^{(11)} + 3m_{001}^{(20)}m_{120}^{(22)}m_{230}^{(20)} + m_{001}^{(20)}m_{120}^{(22)}m_{221}^{(10)} - 2m_{001}^{(20)}m_{120}^{(22)}m_{131}^{(00)}\\
&+2m_{001}^{(20)}m_{111}^{(00)}m_{140}^{(22)} - 2m_{001}^{(20)}m_{111}^{(00)}m_{131}^{(21)} - 2m_{001}^{(20)}m_{111}^{(00)}m_{041}^{(20)} + 2m_{001}^{(20)}m_{111}^{(00)}m_{032}^{(10)}\\
&-4m_{001}^{(20)}m_{111}^{(10)}m_{230}^{(22)} + 8m_{001}^{(20)}m_{111}^{(10)}m_{221}^{(21)} - 2m_{001}^{(20)}m_{111}^{(10)}m_{212}^{(11)} - 4m_{001}^{(20)}m_{111}^{(10)}m_{122}^{(10)}\\
&+2m_{001}^{(20)}m_{111}^{(10)}m_{032}^{(00)} + 2m_{001}^{(20)}m_{111}^{(11)}m_{320}^{(22)} - 6m_{001}^{(20)}m_{111}^{(11)}m_{311}^{(21)} + 4m_{001}^{(20)}m_{111}^{(11)}m_{302}^{(11)}\\
&+2m_{001}^{(20)}m_{111}^{(11)}m_{221}^{(20)} - 2m_{001}^{(20)}m_{111}^{(11)}m_{212}^{(10)} - 4m_{001}^{(20)}m_{111}^{(20)}m_{230}^{(21)} + 2m_{001}^{(20)}m_{111}^{(20)}m_{221}^{(11)}
\end{aligned}
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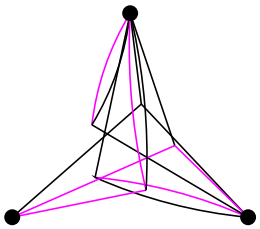
\begin{aligned}
&+4m_{001}^{(20)}m_{111}^{(20)}m_{140}^{(20)} - 2m_{001}^{(20)}m_{111}^{(20)}m_{041}^{(00)} + 4m_{001}^{(20)}m_{111}^{(21)}m_{320}^{(21)} - 6m_{001}^{(20)}m_{111}^{(21)}m_{311}^{(11)}\\
&-4m_{001}^{(20)}m_{111}^{(21)}m_{230}^{(20)} + 8m_{001}^{(20)}m_{111}^{(21)}m_{221}^{(10)} - 2m_{001}^{(20)}m_{111}^{(21)}m_{131}^{(00)} + 2m_{001}^{(20)}m_{111}^{(22)}m_{320}^{(11)}\\
&-4m_{001}^{(20)}m_{111}^{(22)}m_{230}^{(10)} + 2m_{001}^{(20)}m_{111}^{(22)}m_{140}^{(00)} - m_{001}^{(20)}m_{102}^{(00)}m_{140}^{(21)} + m_{001}^{(20)}m_{102}^{(00)}m_{131}^{(11)}\\
&+m_{001}^{(20)}m_{102}^{(00)}m_{050}^{(20)} - m_{001}^{(20)}m_{102}^{(00)}m_{041}^{(10)} + 2m_{001}^{(20)}m_{102}^{(10)}m_{230}^{(21)} - 3m_{001}^{(20)}m_{102}^{(10)}m_{221}^{(11)}\\
&-2m_{001}^{(20)}m_{102}^{(10)}m_{140}^{(20)} + 4m_{001}^{(20)}m_{102}^{(10)}m_{131}^{(10)} - m_{001}^{(20)}m_{102}^{(10)}m_{041}^{(00)} - m_{001}^{(20)}m_{102}^{(11)}m_{320}^{(21)}\\
&+2m_{001}^{(20)}m_{102}^{(11)}m_{311}^{(11)} + m_{001}^{(20)}m_{102}^{(11)}m_{230}^{(20)} - 3m_{001}^{(20)}m_{102}^{(11)}m_{221}^{(10)} + m_{001}^{(20)}m_{102}^{(11)}m_{131}^{(00)}\\
&+m_{001}^{(20)}m_{102}^{(20)}m_{230}^{(11)} - 2m_{001}^{(20)}m_{102}^{(20)}m_{140}^{(10)} + m_{001}^{(20)}m_{102}^{(20)}m_{050}^{(00)} - m_{001}^{(20)}m_{102}^{(21)}m_{320}^{(11)}\\
&+2m_{001}^{(20)}m_{102}^{(21)}m_{230}^{(10)} - m_{001}^{(20)}m_{102}^{(21)}m_{140}^{(00)} + m_{001}^{(20)}m_{030}^{(00)}m_{221}^{(22)} - m_{001}^{(20)}m_{030}^{(00)}m_{212}^{(21)}\\
&-m_{001}^{(20)}m_{030}^{(00)}m_{122}^{(20)} + m_{001}^{(20)}m_{030}^{(00)}m_{113}^{(10)} - m_{001}^{(20)}m_{030}^{(10)}m_{311}^{(22)} + 2m_{001}^{(20)}m_{030}^{(10)}m_{302}^{(21)}\\
&-2m_{001}^{(20)}m_{030}^{(10)}m_{203}^{(10)} + m_{001}^{(20)}m_{030}^{(10)}m_{113}^{(00)} - m_{001}^{(20)}m_{030}^{(20)}m_{320}^{(22)} + 2m_{001}^{(20)}m_{030}^{(20)}m_{221}^{(20)}\\
&-m_{001}^{(20)}m_{030}^{(20)}m_{122}^{(00)} + m_{001}^{(20)}m_{030}^{(21)}m_{410}^{(22)} - 2m_{001}^{(20)}m_{030}^{(21)}m_{401}^{(21)} + 2m_{001}^{(20)}m_{030}^{(21)}m_{302}^{(10)}\\
&-m_{001}^{(20)}m_{030}^{(21)}m_{212}^{(00)} + m_{001}^{(20)}m_{030}^{(22)}m_{410}^{(21)} - m_{001}^{(20)}m_{030}^{(22)}m_{320}^{(20)} - m_{001}^{(20)}m_{030}^{(22)}m_{311}^{(10)}\\
&+m_{001}^{(20)}m_{030}^{(22)}m_{221}^{(00)} - m_{001}^{(20)}m_{021}^{(00)}m_{230}^{(22)} + m_{001}^{(20)}m_{021}^{(00)}m_{212}^{(11)} + 2m_{001}^{(20)}m_{021}^{(00)}m_{131}^{(20)}\\
&-2m_{001}^{(20)}m_{021}^{(00)}m_{122}^{(10)} + 2m_{001}^{(20)}m_{021}^{(10)}m_{320}^{(22)} - 2m_{001}^{(20)}m_{021}^{(10)}m_{311}^{(21)} - 2m_{001}^{(20)}m_{021}^{(10)}m_{302}^{(11)}\\
&-2m_{001}^{(20)}m_{021}^{(10)}m_{221}^{(20)} + 6m_{001}^{(20)}m_{021}^{(10)}m_{212}^{(10)} - 2m_{001}^{(20)}m_{021}^{(10)}m_{122}^{(00)} - m_{001}^{(20)}m_{021}^{(11)}m_{410}^{(22)}\\
&+2m_{001}^{(20)}m_{021}^{(11)}m_{401}^{(21)} - 2m_{001}^{(20)}m_{021}^{(11)}m_{302}^{(10)} + m_{001}^{(20)}m_{021}^{(11)}m_{212}^{(00)} + 2m_{001}^{(20)}m_{021}^{(20)}m_{320}^{(21)}\\
&-2m_{001}^{(20)}m_{021}^{(20)}m_{230}^{(20)} - 2m_{001}^{(20)}m_{021}^{(20)}m_{221}^{(10)} + 2m_{001}^{(20)}m_{021}^{(20)}m_{131}^{(00)} - 2m_{001}^{(20)}m_{021}^{(21)}m_{410}^{(21)}\\
&+2m_{001}^{(20)}m_{021}^{(21)}m_{401}^{(11)} + 2m_{001}^{(20)}m_{021}^{(21)}m_{320}^{(20)} - 2m_{001}^{(20)}m_{021}^{(21)}m_{311}^{(10)} - m_{001}^{(20)}m_{021}^{(22)}m_{410}^{(11)}\\
&+2m_{001}^{(20)}m_{021}^{(22)}m_{320}^{(10)} - m_{001}^{(20)}m_{021}^{(22)}m_{230}^{(00)} + m_{001}^{(20)}m_{012}^{(00)}m_{230}^{(21)} - m_{001}^{(20)}m_{012}^{(00)}m_{221}^{(11)}\\
&-m_{001}^{(20)}m_{012}^{(00)}m_{140}^{(20)} + m_{001}^{(20)}m_{012}^{(00)}m_{131}^{(10)} - 2m_{001}^{(20)}m_{012}^{(10)}m_{320}^{(21)} + 3m_{001}^{(20)}m_{012}^{(10)}m_{311}^{(11)}\\
&+2m_{001}^{(20)}m_{012}^{(10)}m_{230}^{(20)} - 4m_{001}^{(20)}m_{012}^{(10)}m_{221}^{(10)} + m_{001}^{(20)}m_{012}^{(10)}m_{131}^{(00)} + m_{001}^{(20)}m_{012}^{(11)}m_{410}^{(21)}\\
&-2m_{001}^{(20)}m_{012}^{(11)}m_{401}^{(11)} - m_{001}^{(20)}m_{012}^{(11)}m_{320}^{(20)} + 3m_{001}^{(20)}m_{012}^{(11)}m_{311}^{(10)} - m_{001}^{(20)}m_{012}^{(11)}m_{221}^{(00)}\\
&-m_{001}^{(20)}m_{012}^{(20)}m_{320}^{(11)} + 2m_{001}^{(20)}m_{012}^{(20)}m_{230}^{(10)} - m_{001}^{(20)}m_{012}^{(20)}m_{140}^{(00)} + m_{001}^{(20)}m_{012}^{(21)}m_{410}^{(11)}\\
&-2m_{001}^{(20)}m_{012}^{(21)}m_{320}^{(10)} + m_{001}^{(20)}m_{012}^{(21)}m_{230}^{(00)} + m_{001}^{(21)}m_{300}^{(10)}m_{131}^{(22)} - m_{001}^{(21)}m_{300}^{(10)}m_{113}^{(11)}\\
&-2m_{001}^{(21)}m_{300}^{(10)}m_{032}^{(20)} + 2m_{001}^{(21)}m_{300}^{(10)}m_{023}^{(10)} - m_{001}^{(21)}m_{300}^{(11)}m_{221}^{(22)} + m_{001}^{(21)}m_{300}^{(11)}m_{212}^{(21)}\\
&+m_{001}^{(21)}m_{300}^{(11)}m_{122}^{(20)} - m_{001}^{(21)}m_{300}^{(11)}m_{113}^{(10)} - m_{001}^{(21)}m_{300}^{(20)}m_{140}^{(22)} + m_{001}^{(21)}m_{300}^{(20)}m_{122}^{(11)}\\
&+2m_{001}^{(21)}m_{300}^{(20)}m_{041}^{(20)} - 2m_{001}^{(21)}m_{300}^{(20)}m_{032}^{(10)} + m_{001}^{(21)}m_{300}^{(21)}m_{230}^{(22)} - 2m_{001}^{(21)}m_{300}^{(21)}m_{221}^{(21)}\\
&+m_{001}^{(21)}m_{300}^{(21)}m_{212}^{(11)} + m_{001}^{(21)}m_{300}^{(22)}m_{230}^{(21)} - m_{001}^{(21)}m_{300}^{(22)}m_{221}^{(11)} - m_{001}^{(21)}m_{300}^{(22)}m_{140}^{(20)}\\
&+m_{001}^{(21)}m_{300}^{(22)}m_{131}^{(10)} - m_{001}^{(21)}m_{210}^{(00)}m_{131}^{(22)} + m_{001}^{(21)}m_{210}^{(00)}m_{113}^{(11)} + 2m_{001}^{(21)}m_{210}^{(00)}m_{032}^{(20)}\\
&-2m_{001}^{(21)}m_{210}^{(00)}m_{023}^{(10)} - m_{001}^{(21)}m_{210}^{(10)}m_{221}^{(22)} - 2m_{001}^{(21)}m_{210}^{(10)}m_{212}^{(21)} + m_{001}^{(21)}m_{210}^{(10)}m_{203}^{(11)}\\
&+4m_{001}^{(21)}m_{210}^{(10)}m_{122}^{(20)} - 2m_{001}^{(21)}m_{210}^{(10)}m_{023}^{(00)} + 2m_{001}^{(21)}m_{210}^{(11)}m_{311}^{(22)} - m_{001}^{(21)}m_{210}^{(11)}m_{302}^{(21)}\\
&-3m_{001}^{(21)}m_{210}^{(11)}m_{212}^{(20)} + m_{001}^{(21)}m_{210}^{(11)}m_{203}^{(10)} + m_{001}^{(21)}m_{210}^{(11)}m_{113}^{(00)} + 3m_{001}^{(21)}m_{210}^{(20)}m_{230}^{(22)}\\
&+2m_{001}^{(21)}m_{210}^{(20)}m_{221}^{(21)} - 3m_{001}^{(21)}m_{210}^{(20)}m_{212}^{(11)} - 8m_{001}^{(21)}m_{210}^{(20)}m_{131}^{(20)} + 4m_{001}^{(21)}m_{210}^{(20)}m_{122}^{(10)}\\
&+2m_{001}^{(21)}m_{210}^{(20)}m_{032}^{(00)} - 3m_{001}^{(21)}m_{210}^{(21)}m_{320}^{(22)} + 4m_{001}^{(21)}m_{210}^{(21)}m_{311}^{(21)} - m_{001}^{(21)}m_{210}^{(21)}m_{302}^{(11)}\\
&+2m_{001}^{(21)}m_{210}^{(21)}m_{221}^{(20)} - 2m_{001}^{(21)}m_{210}^{(21)}m_{212}^{(10)} - 3m_{001}^{(21)}m_{210}^{(22)}m_{320}^{(21)} + 2m_{001}^{(21)}m_{210}^{(22)}m_{311}^{(11)}\\
&+3m_{001}^{(21)}m_{210}^{(22)}m_{230}^{(20)} - m_{001}^{(21)}m_{210}^{(22)}m_{221}^{(10)} - m_{001}^{(21)}m_{210}^{(22)}m_{131}^{(00)} + m_{001}^{(21)}m_{201}^{(00)}m_{140}^{(22)}\\
&-m_{001}^{(21)}m_{201}^{(00)}m_{122}^{(11)} - 2m_{001}^{(21)}m_{201}^{(00)}m_{041}^{(20)} + 2m_{001}^{(21)}m_{201}^{(00)}m_{032}^{(10)} - 2m_{001}^{(21)}m_{201}^{(10)}m_{230}^{(22)}\\
&+2m_{001}^{(21)}m_{201}^{(10)}m_{221}^{(21)} + 2m_{001}^{(21)}m_{201}^{(10)}m_{212}^{(11)} + 2m_{001}^{(21)}m_{201}^{(10)}m_{131}^{(20)} - 6m_{001}^{(21)}m_{201}^{(10)}m_{122}^{(10)}
\end{aligned}
$$

$$+2m_{001}^{(21)}m_{201}^{(10)}m_{032}^{(00)}+m_{001}^{(21)}m_{201}^{(11)}m_{320}^{(22)}-2m_{001}^{(21)}m_{201}^{(11)}m_{311}^{(21)}+2m_{001}^{(21)}m_{201}^{(11)}m_{212}^{(10)}$$
$$-m_{001}^{(21)}m_{201}^{(11)}m_{122}^{(00)}-2m_{001}^{(21)}m_{201}^{(20)}m_{230}^{(21)}+2m_{001}^{(21)}m_{201}^{(20)}m_{140}^{(20)}+2m_{001}^{(21)}m_{201}^{(20)}m_{131}^{(10)}$$
$$-2m_{001}^{(21)}m_{201}^{(20)}m_{041}^{(00)}+2m_{001}^{(21)}m_{201}^{(21)}m_{320}^{(21)}-2m_{001}^{(21)}m_{201}^{(21)}m_{311}^{(11)}-2m_{001}^{(21)}m_{201}^{(21)}m_{230}^{(20)}$$
$$+2m_{001}^{(21)}m_{201}^{(21)}m_{221}^{(10)}+m_{001}^{(21)}m_{201}^{(22)}m_{320}^{(11)}-2m_{001}^{(21)}m_{201}^{(22)}m_{230}^{(10)}+m_{001}^{(21)}m_{201}^{(22)}m_{140}^{(00)}$$
$$+2m_{001}^{(21)}m_{120}^{(00)}m_{221}^{(22)}+m_{001}^{(21)}m_{120}^{(00)}m_{212}^{(21)}-m_{001}^{(21)}m_{120}^{(00)}m_{203}^{(11)}-5m_{001}^{(21)}m_{120}^{(00)}m_{122}^{(20)}$$
$$+m_{001}^{(21)}m_{120}^{(00)}m_{113}^{(10)}+2m_{001}^{(21)}m_{120}^{(00)}m_{023}^{(00)}-m_{001}^{(21)}m_{120}^{(10)}m_{311}^{(22)}+2m_{001}^{(21)}m_{120}^{(10)}m_{302}^{(21)}$$
$$-2m_{001}^{(21)}m_{120}^{(10)}m_{203}^{(10)}+m_{001}^{(21)}m_{120}^{(10)}m_{113}^{(00)}-m_{001}^{(21)}m_{120}^{(11)}m_{401}^{(22)}+2m_{001}^{(21)}m_{120}^{(11)}m_{302}^{(20)}$$
$$-m_{001}^{(21)}m_{120}^{(11)}m_{203}^{(00)}-3m_{001}^{(21)}m_{120}^{(20)}m_{320}^{(22)}-4m_{001}^{(21)}m_{120}^{(20)}m_{311}^{(21)}+2m_{001}^{(21)}m_{120}^{(20)}m_{302}^{(11)}$$
$$+10m_{001}^{(21)}m_{120}^{(20)}m_{221}^{(20)}-5m_{001}^{(21)}m_{120}^{(20)}m_{122}^{(00)}+3m_{001}^{(21)}m_{120}^{(21)}m_{410}^{(22)}-2m_{001}^{(21)}m_{120}^{(21)}m_{401}^{(21)}$$
$$-4m_{001}^{(21)}m_{120}^{(21)}m_{311}^{(20)}+2m_{001}^{(21)}m_{120}^{(21)}m_{302}^{(10)}+m_{001}^{(21)}m_{120}^{(21)}m_{212}^{(00)}+3m_{001}^{(21)}m_{120}^{(22)}m_{410}^{(21)}$$
$$-m_{001}^{(21)}m_{120}^{(22)}m_{401}^{(11)}-3m_{001}^{(21)}m_{120}^{(22)}m_{320}^{(20)}-m_{001}^{(21)}m_{120}^{(22)}m_{311}^{(10)}+2m_{001}^{(21)}m_{120}^{(22)}m_{221}^{(00)}$$
$$-2m_{001}^{(21)}m_{111}^{(00)}m_{230}^{(22)}-2m_{001}^{(21)}m_{111}^{(00)}m_{221}^{(21)}+6m_{001}^{(21)}m_{111}^{(00)}m_{131}^{(20)}+2m_{001}^{(21)}m_{111}^{(00)}m_{122}^{(10)}$$
$$-4m_{001}^{(21)}m_{111}^{(00)}m_{032}^{(00)}+4m_{001}^{(21)}m_{111}^{(10)}m_{320}^{(22)}-2m_{001}^{(21)}m_{111}^{(10)}m_{302}^{(11)}-8m_{001}^{(21)}m_{111}^{(10)}m_{221}^{(20)}$$
$$+4m_{001}^{(21)}m_{111}^{(10)}m_{212}^{(10)}+2m_{001}^{(21)}m_{111}^{(10)}m_{122}^{(00)}-2m_{001}^{(21)}m_{111}^{(11)}m_{410}^{(22)}+2m_{001}^{(21)}m_{111}^{(11)}m_{401}^{(21)}$$
$$+2m_{001}^{(21)}m_{111}^{(11)}m_{311}^{(20)}-2m_{001}^{(21)}m_{111}^{(11)}m_{302}^{(10)}+4m_{001}^{(21)}m_{111}^{(20)}m_{320}^{(21)}+2m_{001}^{(21)}m_{111}^{(20)}m_{311}^{(11)}$$
$$-4m_{001}^{(21)}m_{111}^{(20)}m_{230}^{(20)}-8m_{001}^{(21)}m_{111}^{(20)}m_{221}^{(10)}+6m_{001}^{(21)}m_{111}^{(20)}m_{131}^{(00)}-4m_{001}^{(21)}m_{111}^{(21)}m_{410}^{(21)}$$
$$+2m_{001}^{(21)}m_{111}^{(21)}m_{401}^{(11)}+4m_{001}^{(21)}m_{111}^{(21)}m_{320}^{(20)}-2m_{001}^{(21)}m_{111}^{(21)}m_{221}^{(00)}-2m_{001}^{(21)}m_{111}^{(22)}m_{410}^{(11)}$$
$$+4m_{001}^{(21)}m_{111}^{(22)}m_{320}^{(10)}-2m_{001}^{(21)}m_{111}^{(22)}m_{230}^{(00)}+m_{001}^{(21)}m_{102}^{(00)}m_{230}^{(21)}+m_{001}^{(21)}m_{102}^{(00)}m_{221}^{(11)}$$
$$-m_{001}^{(21)}m_{102}^{(00)}m_{140}^{(20)}-3m_{001}^{(21)}m_{102}^{(00)}m_{131}^{(10)}+2m_{001}^{(21)}m_{102}^{(00)}m_{041}^{(00)}-2m_{001}^{(21)}m_{102}^{(10)}m_{320}^{(21)}$$
$$-m_{001}^{(21)}m_{102}^{(10)}m_{311}^{(11)}+2m_{001}^{(21)}m_{102}^{(10)}m_{230}^{(20)}+4m_{001}^{(21)}m_{102}^{(10)}m_{221}^{(10)}-3m_{001}^{(21)}m_{102}^{(10)}m_{131}^{(00)}$$
$$+m_{001}^{(21)}m_{102}^{(11)}m_{410}^{(21)}-m_{001}^{(21)}m_{102}^{(11)}m_{320}^{(20)}-m_{001}^{(21)}m_{102}^{(11)}m_{311}^{(10)}+m_{001}^{(21)}m_{102}^{(11)}m_{221}^{(00)}$$
$$-m_{001}^{(21)}m_{102}^{(20)}m_{320}^{(11)}+2m_{001}^{(21)}m_{102}^{(20)}m_{230}^{(10)}-m_{001}^{(21)}m_{102}^{(20)}m_{140}^{(00)}+m_{001}^{(21)}m_{102}^{(21)}m_{410}^{(11)}$$
$$-2m_{001}^{(21)}m_{102}^{(21)}m_{320}^{(10)}+m_{001}^{(21)}m_{102}^{(21)}m_{230}^{(00)}-m_{001}^{(21)}m_{030}^{(00)}m_{311}^{(22)}-m_{001}^{(21)}m_{030}^{(00)}m_{302}^{(21)}$$
$$+3m_{001}^{(21)}m_{030}^{(00)}m_{212}^{(20)}+m_{001}^{(21)}m_{030}^{(00)}m_{203}^{(10)}-2m_{001}^{(21)}m_{030}^{(00)}m_{113}^{(00)}+m_{001}^{(21)}m_{030}^{(10)}m_{401}^{(22)}$$
$$-2m_{001}^{(21)}m_{030}^{(10)}m_{302}^{(20)}+m_{001}^{(21)}m_{030}^{(10)}m_{203}^{(00)}+m_{001}^{(21)}m_{030}^{(20)}m_{410}^{(22)}+2m_{001}^{(21)}m_{030}^{(20)}m_{401}^{(21)}$$
$$-4m_{001}^{(21)}m_{030}^{(20)}m_{311}^{(20)}-2m_{001}^{(21)}m_{030}^{(20)}m_{302}^{(10)}+3m_{001}^{(21)}m_{030}^{(20)}m_{212}^{(00)}-m_{001}^{(21)}m_{030}^{(21)}m_{500}^{(22)}$$
$$+2m_{001}^{(21)}m_{030}^{(21)}m_{401}^{(20)}-m_{001}^{(21)}m_{030}^{(21)}m_{302}^{(00)}-m_{001}^{(21)}m_{030}^{(22)}m_{500}^{(21)}+m_{001}^{(21)}m_{030}^{(22)}m_{410}^{(20)}$$
$$+m_{001}^{(21)}m_{030}^{(22)}m_{401}^{(10)}-m_{001}^{(21)}m_{030}^{(22)}m_{311}^{(00)}+m_{001}^{(21)}m_{021}^{(00)}m_{320}^{(22)}+2m_{001}^{(21)}m_{021}^{(00)}m_{311}^{(21)}$$
$$+m_{001}^{(21)}m_{021}^{(00)}m_{302}^{(11)}-4m_{001}^{(21)}m_{021}^{(00)}m_{221}^{(20)}-4m_{001}^{(21)}m_{021}^{(00)}m_{212}^{(10)}+4m_{001}^{(21)}m_{021}^{(00)}m_{122}^{(00)}$$
$$-2m_{001}^{(21)}m_{021}^{(10)}m_{410}^{(22)}-2m_{001}^{(21)}m_{021}^{(10)}m_{401}^{(21)}+6m_{001}^{(21)}m_{021}^{(10)}m_{311}^{(20)}+2m_{001}^{(21)}m_{021}^{(10)}m_{302}^{(10)}$$
$$-4m_{001}^{(21)}m_{021}^{(10)}m_{212}^{(00)}+m_{001}^{(21)}m_{021}^{(11)}m_{500}^{(22)}-2m_{001}^{(21)}m_{021}^{(11)}m_{401}^{(20)}+m_{001}^{(21)}m_{021}^{(11)}m_{302}^{(00)}$$
$$-2m_{001}^{(21)}m_{021}^{(20)}m_{410}^{(21)}-2m_{001}^{(21)}m_{021}^{(20)}m_{401}^{(11)}+2m_{001}^{(21)}m_{021}^{(20)}m_{320}^{(20)}+6m_{001}^{(21)}m_{021}^{(20)}m_{311}^{(10)}$$
$$-4m_{001}^{(21)}m_{021}^{(20)}m_{221}^{(00)}+2m_{001}^{(21)}m_{021}^{(21)}m_{500}^{(21)}-2m_{001}^{(21)}m_{021}^{(21)}m_{410}^{(20)}-2m_{001}^{(21)}m_{021}^{(21)}m_{401}^{(10)}$$
$$+2m_{001}^{(21)}m_{021}^{(21)}m_{311}^{(00)}+m_{001}^{(21)}m_{021}^{(22)}m_{500}^{(11)}-2m_{001}^{(21)}m_{021}^{(22)}m_{410}^{(10)}+m_{001}^{(21)}m_{021}^{(22)}m_{320}^{(00)}$$
$$-m_{001}^{(21)}m_{012}^{(00)}m_{320}^{(21)}-m_{001}^{(21)}m_{012}^{(00)}m_{311}^{(11)}+m_{001}^{(21)}m_{012}^{(00)}m_{230}^{(20)}+3m_{001}^{(21)}m_{012}^{(00)}m_{221}^{(10)}$$
$$-2m_{001}^{(21)}m_{012}^{(00)}m_{131}^{(00)}+2m_{001}^{(21)}m_{012}^{(10)}m_{410}^{(21)}+m_{001}^{(21)}m_{012}^{(10)}m_{401}^{(11)}-2m_{001}^{(21)}m_{012}^{(10)}m_{320}^{(20)}$$
$$-4m_{001}^{(21)}m_{012}^{(10)}m_{311}^{(10)}+3m_{001}^{(21)}m_{012}^{(10)}m_{221}^{(00)}-m_{001}^{(21)}m_{012}^{(11)}m_{500}^{(21)}+m_{001}^{(21)}m_{012}^{(11)}m_{410}^{(20)}$$
$$+m_{001}^{(21)}m_{012}^{(11)}m_{401}^{(10)}-m_{001}^{(21)}m_{012}^{(11)}m_{311}^{(00)}+m_{001}^{(21)}m_{012}^{(20)}m_{410}^{(11)}-2m_{001}^{(21)}m_{012}^{(20)}m_{320}^{(10)}$$

$$
\begin{aligned}
&+m_{001}^{(21)}m_{012}^{(20)}m_{230}^{(00)} - m_{001}^{(21)}m_{012}^{(21)}m_{500}^{(11)} + 2m_{001}^{(21)}m_{012}^{(21)}m_{410}^{(10)} - m_{001}^{(21)}m_{012}^{(21)}m_{320}^{(00)}\\
&-m_{001}^{(22)}m_{300}^{(10)}m_{131}^{(21)} + m_{001}^{(22)}m_{300}^{(10)}m_{122}^{(11)} + m_{001}^{(22)}m_{300}^{(10)}m_{041}^{(20)} - m_{001}^{(22)}m_{300}^{(10)}m_{032}^{(10)}\\
&+m_{001}^{(22)}m_{300}^{(11)}m_{221}^{(21)} - m_{001}^{(22)}m_{300}^{(11)}m_{212}^{(11)} - m_{001}^{(22)}m_{300}^{(11)}m_{131}^{(20)} + m_{001}^{(22)}m_{300}^{(11)}m_{122}^{(10)}\\
&+m_{001}^{(22)}m_{300}^{(20)}m_{140}^{(21)} - m_{001}^{(22)}m_{300}^{(20)}m_{131}^{(11)} - m_{001}^{(22)}m_{300}^{(20)}m_{050}^{(20)} + m_{001}^{(22)}m_{300}^{(20)}m_{041}^{(10)}\\
&-m_{001}^{(22)}m_{300}^{(21)}m_{230}^{(21)} + m_{001}^{(22)}m_{300}^{(21)}m_{221}^{(11)} + m_{001}^{(22)}m_{300}^{(21)}m_{140}^{(20)} - m_{001}^{(22)}m_{300}^{(21)}m_{131}^{(10)}\\
&+m_{001}^{(22)}m_{210}^{(00)}m_{131}^{(21)} - m_{001}^{(22)}m_{210}^{(00)}m_{122}^{(11)} - m_{001}^{(22)}m_{210}^{(00)}m_{041}^{(20)} + m_{001}^{(22)}m_{210}^{(00)}m_{032}^{(10)}\\
&+m_{001}^{(22)}m_{210}^{(10)}m_{221}^{(21)} - m_{001}^{(22)}m_{210}^{(10)}m_{131}^{(20)} - m_{001}^{(22)}m_{210}^{(10)}m_{122}^{(10)} + m_{001}^{(22)}m_{210}^{(10)}m_{032}^{(00)}\\
&-2m_{001}^{(22)}m_{210}^{(11)}m_{311}^{(21)} + m_{001}^{(22)}m_{210}^{(11)}m_{302}^{(11)} + 2m_{001}^{(22)}m_{210}^{(11)}m_{221}^{(20)} - m_{001}^{(22)}m_{210}^{(11)}m_{122}^{(00)}\\
&-3m_{001}^{(22)}m_{210}^{(20)}m_{230}^{(21)} + 2m_{001}^{(22)}m_{210}^{(20)}m_{221}^{(11)} + 3m_{001}^{(22)}m_{210}^{(20)}m_{140}^{(20)} - m_{001}^{(22)}m_{210}^{(20)}m_{131}^{(10)}\\
&-m_{001}^{(22)}m_{210}^{(20)}m_{041}^{(00)} + 3m_{001}^{(22)}m_{210}^{(21)}m_{320}^{(21)} - 2m_{001}^{(22)}m_{210}^{(21)}m_{311}^{(11)} - 3m_{001}^{(22)}m_{210}^{(21)}m_{230}^{(20)}\\
&+m_{001}^{(22)}m_{210}^{(21)}m_{221}^{(10)} + m_{001}^{(22)}m_{210}^{(21)}m_{131}^{(00)} - m_{001}^{(22)}m_{201}^{(00)}m_{140}^{(21)} + m_{001}^{(22)}m_{201}^{(00)}m_{131}^{(11)}\\
&+m_{001}^{(22)}m_{201}^{(00)}m_{050}^{(20)} - m_{001}^{(22)}m_{201}^{(00)}m_{041}^{(10)} + 2m_{001}^{(22)}m_{201}^{(10)}m_{230}^{(21)} - 3m_{001}^{(22)}m_{201}^{(10)}m_{221}^{(11)}\\
&-2m_{001}^{(22)}m_{201}^{(10)}m_{140}^{(20)} + 4m_{001}^{(22)}m_{201}^{(10)}m_{131}^{(10)} - m_{001}^{(22)}m_{201}^{(10)}m_{041}^{(00)} - m_{001}^{(22)}m_{201}^{(11)}m_{320}^{(21)}\\
&+2m_{001}^{(22)}m_{201}^{(11)}m_{311}^{(11)} + m_{001}^{(22)}m_{201}^{(11)}m_{230}^{(20)} - 3m_{001}^{(22)}m_{201}^{(11)}m_{221}^{(10)} + m_{001}^{(22)}m_{201}^{(11)}m_{131}^{(00)}\\
&+m_{001}^{(22)}m_{201}^{(20)}m_{230}^{(11)} - 2m_{001}^{(22)}m_{201}^{(20)}m_{140}^{(10)} + m_{001}^{(22)}m_{201}^{(20)}m_{050}^{(00)} - m_{001}^{(22)}m_{201}^{(21)}m_{320}^{(11)}\\
&+2m_{001}^{(22)}m_{201}^{(21)}m_{230}^{(10)} - m_{001}^{(22)}m_{201}^{(21)}m_{140}^{(00)} - 2m_{001}^{(22)}m_{120}^{(00)}m_{221}^{(21)} + m_{001}^{(22)}m_{120}^{(00)}m_{212}^{(11)}\\
&+2m_{001}^{(22)}m_{120}^{(00)}m_{131}^{(20)} - m_{001}^{(22)}m_{120}^{(00)}m_{032}^{(00)} + m_{001}^{(22)}m_{120}^{(10)}m_{311}^{(21)} - m_{001}^{(22)}m_{120}^{(10)}m_{302}^{(11)}\\
&-m_{001}^{(22)}m_{120}^{(10)}m_{221}^{(20)} + m_{001}^{(22)}m_{120}^{(10)}m_{212}^{(10)} + m_{001}^{(22)}m_{120}^{(11)}m_{401}^{(21)} - m_{001}^{(22)}m_{120}^{(11)}m_{311}^{(20)}\\
&-m_{001}^{(22)}m_{120}^{(11)}m_{302}^{(10)} + m_{001}^{(22)}m_{120}^{(11)}m_{212}^{(00)} + 3m_{001}^{(22)}m_{120}^{(20)}m_{320}^{(21)} - m_{001}^{(22)}m_{120}^{(20)}m_{311}^{(11)}\\
&-3m_{001}^{(22)}m_{120}^{(20)}m_{230}^{(20)} - m_{001}^{(22)}m_{120}^{(20)}m_{221}^{(10)} + 2m_{001}^{(22)}m_{120}^{(20)}m_{131}^{(00)} - 3m_{001}^{(22)}m_{120}^{(21)}m_{410}^{(21)}\\
&+m_{001}^{(22)}m_{120}^{(21)}m_{401}^{(11)} + 3m_{001}^{(22)}m_{120}^{(21)}m_{320}^{(20)} + m_{001}^{(22)}m_{120}^{(21)}m_{311}^{(10)} - 2m_{001}^{(22)}m_{120}^{(21)}m_{221}^{(00)}\\
&+2m_{001}^{(22)}m_{111}^{(00)}m_{230}^{(21)} - 2m_{001}^{(22)}m_{111}^{(00)}m_{140}^{(20)} - 2m_{001}^{(22)}m_{111}^{(00)}m_{131}^{(10)} + 2m_{001}^{(22)}m_{111}^{(00)}m_{041}^{(00)}\\
&-4m_{001}^{(22)}m_{111}^{(10)}m_{320}^{(21)} + 2m_{001}^{(22)}m_{111}^{(10)}m_{311}^{(11)} + 4m_{001}^{(22)}m_{111}^{(10)}m_{230}^{(20)} - 2m_{001}^{(22)}m_{111}^{(10)}m_{131}^{(00)}\\
&+2m_{001}^{(22)}m_{111}^{(11)}m_{410}^{(21)} - 2m_{001}^{(22)}m_{111}^{(11)}m_{401}^{(11)} - 2m_{001}^{(22)}m_{111}^{(11)}m_{320}^{(20)} + 2m_{001}^{(22)}m_{111}^{(11)}m_{311}^{(10)}\\
&-2m_{001}^{(22)}m_{111}^{(20)}m_{320}^{(11)} + 4m_{001}^{(22)}m_{111}^{(20)}m_{230}^{(10)} - 2m_{001}^{(22)}m_{111}^{(20)}m_{140}^{(00)} + 2m_{001}^{(22)}m_{111}^{(21)}m_{410}^{(11)}\\
&-4m_{001}^{(22)}m_{111}^{(21)}m_{320}^{(10)} + 2m_{001}^{(22)}m_{111}^{(21)}m_{230}^{(00)} - m_{001}^{(22)}m_{102}^{(00)}m_{230}^{(11)} + 2m_{001}^{(22)}m_{102}^{(00)}m_{140}^{(10)}\\
&-m_{001}^{(22)}m_{102}^{(00)}m_{050}^{(20)} + 2m_{001}^{(22)}m_{102}^{(10)}m_{320}^{(11)} - 4m_{001}^{(22)}m_{102}^{(10)}m_{230}^{(10)} + 2m_{001}^{(22)}m_{102}^{(10)}m_{140}^{(00)}\\
&-m_{001}^{(22)}m_{102}^{(11)}m_{410}^{(11)} + 2m_{001}^{(22)}m_{102}^{(11)}m_{320}^{(10)} - m_{001}^{(22)}m_{102}^{(11)}m_{230}^{(00)} + m_{001}^{(22)}m_{030}^{(00)}m_{311}^{(21)}\\
&-m_{001}^{(22)}m_{030}^{(00)}m_{221}^{(20)} - m_{001}^{(22)}m_{030}^{(00)}m_{212}^{(10)} + m_{001}^{(22)}m_{030}^{(00)}m_{122}^{(00)} - m_{001}^{(22)}m_{030}^{(10)}m_{401}^{(21)}\\
&+m_{001}^{(22)}m_{030}^{(10)}m_{311}^{(20)} + m_{001}^{(22)}m_{030}^{(10)}m_{302}^{(10)} - m_{001}^{(22)}m_{030}^{(10)}m_{212}^{(00)} - m_{001}^{(22)}m_{030}^{(20)}m_{410}^{(21)}\\
&+m_{001}^{(22)}m_{030}^{(20)}m_{320}^{(20)} + m_{001}^{(22)}m_{030}^{(20)}m_{311}^{(10)} - m_{001}^{(22)}m_{030}^{(20)}m_{221}^{(00)} + m_{001}^{(22)}m_{030}^{(21)}m_{500}^{(21)}\\
&-m_{001}^{(22)}m_{030}^{(21)}m_{410}^{(20)} - m_{001}^{(22)}m_{030}^{(21)}m_{401}^{(10)} + m_{001}^{(22)}m_{030}^{(21)}m_{311}^{(00)} - m_{001}^{(22)}m_{021}^{(00)}m_{320}^{(21)}\\
&-m_{001}^{(22)}m_{021}^{(00)}m_{311}^{(11)} + m_{001}^{(22)}m_{021}^{(00)}m_{230}^{(20)} + 3m_{001}^{(22)}m_{021}^{(00)}m_{221}^{(10)} - 2m_{001}^{(22)}m_{021}^{(00)}m_{131}^{(00)}\\
&+2m_{001}^{(22)}m_{021}^{(10)}m_{410}^{(21)} + m_{001}^{(22)}m_{021}^{(10)}m_{401}^{(11)} - 2m_{001}^{(22)}m_{021}^{(10)}m_{320}^{(20)} - 4m_{001}^{(22)}m_{021}^{(10)}m_{311}^{(10)}\\
&+3m_{001}^{(22)}m_{021}^{(10)}m_{221}^{(00)} - m_{001}^{(22)}m_{021}^{(11)}m_{500}^{(21)} + m_{001}^{(22)}m_{021}^{(11)}m_{410}^{(20)} + m_{001}^{(22)}m_{021}^{(11)}m_{401}^{(10)}\\
&-m_{001}^{(22)}m_{021}^{(11)}m_{311}^{(00)} + m_{001}^{(22)}m_{021}^{(20)}m_{410}^{(11)} - 2m_{001}^{(22)}m_{021}^{(20)}m_{320}^{(10)} + m_{001}^{(22)}m_{021}^{(20)}m_{230}^{(00)}\\
&-m_{001}^{(22)}m_{021}^{(21)}m_{500}^{(11)} + 2m_{001}^{(22)}m_{021}^{(21)}m_{410}^{(10)} - m_{001}^{(22)}m_{021}^{(21)}m_{320}^{(00)} + m_{001}^{(22)}m_{012}^{(00)}m_{320}^{(21)}\\
&-2m_{001}^{(22)}m_{012}^{(00)}m_{230}^{(10)} + m_{001}^{(22)}m_{012}^{(00)}m_{140}^{(00)} - 2m_{001}^{(22)}m_{012}^{(10)}m_{410}^{(11)} + 4m_{001}^{(22)}m_{012}^{(10)}m_{320}^{(10)}\\
&\\
&-2m_{001}^{(22)}m_{012}^{(10)}m_{230}^{(00)} + m_{001}^{(22)}m_{012}^{(11)}m_{500}^{(11)} - 2m_{001}^{(22)}m_{012}^{(11)}m_{410}^{(10)} + m_{001}^{(22)}m_{012}^{(11)}m_{320}^{(00)}
\end{aligned}
$$

Generating graph:

$V1$	$V1$	1	$V2$	2
$V2$	2	2	2	$V3$
2	$V3$	3	3	3



$$
\begin{aligned}
T_{178} \;=\;& -m_{100}^{(00)} m_{120}^{(10)} m_{023}^{(22)} + 2m_{100}^{(00)} m_{120}^{(10)} m_{014}^{(21)} - m_{100}^{(00)} m_{120}^{(10)} m_{005}^{(11)} + m_{100}^{(00)} m_{120}^{(11)} m_{113}^{(22)} \\
& - m_{100}^{(00)} m_{120}^{(11)} m_{104}^{(21)} - m_{100}^{(00)} m_{120}^{(11)} m_{014}^{(20)} + m_{100}^{(00)} m_{120}^{(11)} m_{005}^{(10)} + m_{100}^{(00)} m_{120}^{(20)} m_{032}^{(22)} \\
& - 2m_{100}^{(00)} m_{120}^{(20)} m_{023}^{(21)} + m_{100}^{(00)} m_{120}^{(20)} m_{014}^{(11)} - m_{100}^{(00)} m_{120}^{(21)} m_{122}^{(22)} + m_{100}^{(00)} m_{120}^{(21)} m_{104}^{(11)} \\
& + 2m_{100}^{(00)} m_{120}^{(21)} m_{023}^{(20)} - 2m_{100}^{(00)} m_{120}^{(21)} m_{014}^{(10)} + m_{100}^{(00)} m_{120}^{(22)} m_{122}^{(21)} - m_{100}^{(00)} m_{120}^{(22)} m_{113}^{(11)} \\
& - m_{100}^{(00)} m_{120}^{(22)} m_{032}^{(20)} + m_{100}^{(00)} m_{120}^{(22)} m_{023}^{(10)} + 2m_{100}^{(00)} m_{111}^{(10)} m_{032}^{(22)} - 4m_{100}^{(00)} m_{111}^{(10)} m_{023}^{(21)} \\
& + 2m_{100}^{(00)} m_{111}^{(10)} m_{014}^{(11)} - 2m_{100}^{(00)} m_{111}^{(11)} m_{122}^{(22)} + 2m_{100}^{(00)} m_{111}^{(11)} m_{113}^{(21)} + 2m_{100}^{(00)} m_{111}^{(11)} m_{023}^{(20)} \\
& - 2m_{100}^{(00)} m_{111}^{(11)} m_{014}^{(10)} - 2m_{100}^{(00)} m_{111}^{(20)} m_{041}^{(22)} + 4m_{100}^{(00)} m_{111}^{(20)} m_{032}^{(21)} - 2m_{100}^{(00)} m_{111}^{(20)} m_{023}^{(11)} \\
& + 2m_{100}^{(00)} m_{111}^{(21)} m_{131}^{(22)} - 2m_{100}^{(00)} m_{111}^{(21)} m_{113}^{(11)} - 4m_{100}^{(00)} m_{111}^{(21)} m_{032}^{(20)} + 4m_{100}^{(00)} m_{111}^{(21)} m_{023}^{(10)} \\
& - 2m_{100}^{(00)} m_{111}^{(22)} m_{131}^{(21)} + 2m_{100}^{(00)} m_{111}^{(22)} m_{122}^{(11)} + 2m_{100}^{(00)} m_{111}^{(22)} m_{041}^{(20)} - 2m_{100}^{(00)} m_{111}^{(22)} m_{032}^{(10)} \\
& - m_{100}^{(00)} m_{102}^{(10)} m_{041}^{(22)} + 2m_{100}^{(00)} m_{102}^{(10)} m_{032}^{(21)} - m_{100}^{(00)} m_{102}^{(10)} m_{023}^{(11)} + m_{100}^{(00)} m_{102}^{(11)} m_{131}^{(22)} \\
& - m_{100}^{(00)} m_{102}^{(11)} m_{122}^{(21)} - m_{100}^{(00)} m_{102}^{(11)} m_{032}^{(20)} + m_{100}^{(00)} m_{102}^{(11)} m_{023}^{(10)} + m_{100}^{(00)} m_{102}^{(20)} m_{050}^{(22)} \\
& - 2m_{100}^{(00)} m_{102}^{(20)} m_{041}^{(21)} + m_{100}^{(00)} m_{102}^{(20)} m_{032}^{(11)} - m_{100}^{(00)} m_{102}^{(21)} m_{140}^{(22)} + m_{100}^{(00)} m_{102}^{(21)} m_{122}^{(11)} \\
& + 2m_{100}^{(00)} m_{102}^{(21)} m_{041}^{(20)} - 2m_{100}^{(00)} m_{102}^{(21)} m_{032}^{(10)} + m_{100}^{(00)} m_{102}^{(22)} m_{140}^{(21)} - m_{100}^{(00)} m_{102}^{(22)} m_{131}^{(11)} \\
& - m_{100}^{(00)} m_{102}^{(22)} m_{050}^{(20)} + m_{100}^{(00)} m_{102}^{(22)} m_{041}^{(10)} + m_{100}^{(00)} m_{030}^{(10)} m_{113}^{(22)} - m_{100}^{(00)} m_{030}^{(10)} m_{104}^{(21)} \\
& - m_{100}^{(00)} m_{030}^{(10)} m_{014}^{(20)} + m_{100}^{(00)} m_{030}^{(10)} m_{005}^{(10)} - m_{100}^{(00)} m_{030}^{(11)} m_{203}^{(22)} + 2m_{100}^{(00)} m_{030}^{(11)} m_{104}^{(20)} \\
& - m_{100}^{(00)} m_{030}^{(11)} m_{005}^{(00)} - m_{100}^{(00)} m_{030}^{(20)} m_{122}^{(22)} + m_{100}^{(00)} m_{030}^{(20)} m_{113}^{(21)} + m_{100}^{(00)} m_{030}^{(20)} m_{023}^{(20)} \\
& - m_{100}^{(00)} m_{030}^{(20)} m_{014}^{(10)} + m_{100}^{(00)} m_{030}^{(21)} m_{212}^{(22)} + m_{100}^{(00)} m_{030}^{(21)} m_{203}^{(21)} - 3m_{100}^{(00)} m_{030}^{(21)} m_{113}^{(20)} \\
& - m_{100}^{(00)} m_{030}^{(21)} m_{104}^{(10)} + 2m_{100}^{(00)} m_{030}^{(21)} m_{014}^{(00)} - m_{100}^{(00)} m_{030}^{(22)} m_{212}^{(21)} + m_{100}^{(00)} m_{030}^{(22)} m_{122}^{(20)} \\
& + m_{100}^{(00)} m_{030}^{(22)} m_{113}^{(10)} - m_{100}^{(00)} m_{030}^{(22)} m_{023}^{(00)} - 2m_{100}^{(00)} m_{021}^{(10)} m_{122}^{(22)} + m_{100}^{(00)} m_{021}^{(10)} m_{113}^{(21)} \\
& + m_{100}^{(00)} m_{021}^{(10)} m_{104}^{(11)} + 3m_{100}^{(00)} m_{021}^{(10)} m_{023}^{(20)} - 3m_{100}^{(00)} m_{021}^{(10)} m_{014}^{(10)} + 2m_{100}^{(00)} m_{021}^{(11)} m_{212}^{(22)} \\
& + m_{100}^{(00)} m_{021}^{(11)} m_{203}^{(21)} - 5m_{100}^{(00)} m_{021}^{(11)} m_{113}^{(20)} - m_{100}^{(00)} m_{021}^{(11)} m_{104}^{(10)} + 3m_{100}^{(00)} m_{021}^{(11)} m_{014}^{(00)} \\
& + 2m_{100}^{(00)} m_{021}^{(20)} m_{131}^{(22)} - m_{100}^{(00)} m_{021}^{(20)} m_{122}^{(21)} - m_{100}^{(00)} m_{021}^{(20)} m_{113}^{(11)} - 3m_{100}^{(00)} m_{021}^{(20)} m_{032}^{(20)}
\end{aligned}
$$

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\begin{aligned}
&+3m_{100}^{(00)}m_{021}^{(20)}m_{023}^{(10)} - 2m_{100}^{(00)}m_{021}^{(21)}m_{221}^{(22)} - 3m_{100}^{(00)}m_{021}^{(21)}m_{212}^{(21)} - m_{100}^{(00)}m_{021}^{(21)}m_{203}^{(11)}\\
&+7m_{100}^{(00)}m_{021}^{(21)}m_{122}^{(20)} + 5m_{100}^{(00)}m_{021}^{(21)}m_{113}^{(10)} - 6m_{100}^{(00)}m_{021}^{(21)}m_{023}^{(00)} + 2m_{100}^{(00)}m_{021}^{(22)}m_{221}^{(21)}\\
&+m_{100}^{(00)}m_{021}^{(22)}m_{212}^{(11)} - 2m_{100}^{(00)}m_{021}^{(22)}m_{131}^{(20)} - 4m_{100}^{(00)}m_{021}^{(22)}m_{122}^{(10)} + 3m_{100}^{(00)}m_{021}^{(22)}m_{032}^{(00)}\\
&+m_{100}^{(00)}m_{012}^{(10)}m_{131}^{(22)} + m_{100}^{(00)}m_{012}^{(10)}m_{122}^{(21)} - 2m_{100}^{(00)}m_{012}^{(10)}m_{113}^{(11)} - 3m_{100}^{(00)}m_{012}^{(10)}m_{032}^{(20)}\\
&+3m_{100}^{(00)}m_{012}^{(10)}m_{023}^{(10)} - m_{100}^{(00)}m_{012}^{(11)}m_{221}^{(22)} - 2m_{100}^{(00)}m_{012}^{(11)}m_{212}^{(21)} + 4m_{100}^{(00)}m_{012}^{(11)}m_{122}^{(20)}\\
&+2m_{100}^{(00)}m_{012}^{(11)}m_{113}^{(10)} - 3m_{100}^{(00)}m_{012}^{(11)}m_{023}^{(00)} - m_{100}^{(00)}m_{012}^{(20)}m_{140}^{(22)} - m_{100}^{(00)}m_{012}^{(20)}m_{131}^{(21)}\\
&+2m_{100}^{(00)}m_{012}^{(20)}m_{122}^{(11)} + 3m_{100}^{(00)}m_{012}^{(20)}m_{041}^{(20)} - 3m_{100}^{(00)}m_{012}^{(20)}m_{032}^{(10)} + m_{100}^{(00)}m_{012}^{(21)}m_{230}^{(22)}\\
&+3m_{100}^{(00)}m_{012}^{(21)}m_{221}^{(21)} + 2m_{100}^{(00)}m_{012}^{(21)}m_{212}^{(11)} - 5m_{100}^{(00)}m_{012}^{(21)}m_{131}^{(20)} - 7m_{100}^{(00)}m_{012}^{(21)}m_{122}^{(10)}\\
&+6m_{100}^{(00)}m_{012}^{(21)}m_{032}^{(00)} - m_{100}^{(00)}m_{012}^{(22)}m_{230}^{(21)} - 2m_{100}^{(00)}m_{012}^{(22)}m_{221}^{(11)} + m_{100}^{(00)}m_{012}^{(22)}m_{140}^{(20)}\\
&+5m_{100}^{(00)}m_{012}^{(22)}m_{131}^{(10)} - 3m_{100}^{(00)}m_{012}^{(22)}m_{041}^{(00)} - m_{100}^{(00)}m_{003}^{(10)}m_{131}^{(21)} + m_{100}^{(00)}m_{003}^{(10)}m_{122}^{(11)}\\
&+m_{100}^{(00)}m_{003}^{(10)}m_{041}^{(20)} - m_{100}^{(00)}m_{003}^{(10)}m_{032}^{(10)} + m_{100}^{(00)}m_{003}^{(11)}m_{221}^{(21)} - m_{100}^{(00)}m_{003}^{(11)}m_{131}^{(20)}\\
&-m_{100}^{(00)}m_{003}^{(11)}m_{122}^{(10)} + m_{100}^{(00)}m_{003}^{(11)}m_{032}^{(00)} + m_{100}^{(00)}m_{003}^{(20)}m_{140}^{(21)} - m_{100}^{(00)}m_{003}^{(20)}m_{131}^{(11)}\\
&-m_{100}^{(00)}m_{003}^{(20)}m_{050}^{(20)} + m_{100}^{(00)}m_{003}^{(20)}m_{041}^{(10)} - m_{100}^{(00)}m_{003}^{(21)}m_{230}^{(21)} - m_{100}^{(00)}m_{003}^{(21)}m_{221}^{(11)}\\
&+m_{100}^{(00)}m_{003}^{(21)}m_{140}^{(20)} + 3m_{100}^{(00)}m_{003}^{(21)}m_{131}^{(10)} - 2m_{100}^{(00)}m_{003}^{(21)}m_{041}^{(00)} + m_{100}^{(00)}m_{003}^{(22)}m_{230}^{(11)}\\
&-2m_{100}^{(00)}m_{003}^{(22)}m_{140}^{(10)} + m_{100}^{(00)}m_{003}^{(22)}m_{050}^{(00)} + 2m_{100}^{(10)}m_{210}^{(10)}m_{023}^{(22)} - 4m_{100}^{(10)}m_{210}^{(10)}m_{014}^{(21)}\\
&+2m_{100}^{(10)}m_{210}^{(10)}m_{005}^{(11)} - 2m_{100}^{(10)}m_{210}^{(11)}m_{113}^{(22)} + 2m_{100}^{(10)}m_{210}^{(11)}m_{104}^{(21)} + 2m_{100}^{(10)}m_{210}^{(11)}m_{014}^{(20)}\\
&-2m_{100}^{(10)}m_{210}^{(11)}m_{005}^{(10)} - 2m_{100}^{(10)}m_{210}^{(20)}m_{032}^{(22)} + 4m_{100}^{(10)}m_{210}^{(20)}m_{023}^{(21)} - 2m_{100}^{(10)}m_{210}^{(20)}m_{014}^{(11)}\\
&+2m_{100}^{(10)}m_{210}^{(21)}m_{122}^{(22)} - 2m_{100}^{(10)}m_{210}^{(21)}m_{104}^{(11)} - 4m_{100}^{(10)}m_{210}^{(21)}m_{023}^{(20)} + 4m_{100}^{(10)}m_{210}^{(21)}m_{014}^{(10)}\\
&-2m_{100}^{(10)}m_{210}^{(22)}m_{122}^{(21)} + 2m_{100}^{(10)}m_{210}^{(22)}m_{113}^{(11)} + 2m_{100}^{(10)}m_{210}^{(22)}m_{032}^{(20)} - 2m_{100}^{(10)}m_{210}^{(22)}m_{023}^{(10)}\\
&-2m_{100}^{(10)}m_{201}^{(10)}m_{032}^{(22)} + 4m_{100}^{(10)}m_{201}^{(10)}m_{023}^{(21)} - 2m_{100}^{(10)}m_{201}^{(10)}m_{014}^{(11)} + 2m_{100}^{(10)}m_{201}^{(11)}m_{122}^{(22)}\\
&-2m_{100}^{(10)}m_{201}^{(11)}m_{113}^{(21)} - 2m_{100}^{(10)}m_{201}^{(11)}m_{023}^{(20)} + 2m_{100}^{(10)}m_{201}^{(11)}m_{014}^{(10)} + 2m_{100}^{(10)}m_{201}^{(20)}m_{041}^{(22)}\\
&-4m_{100}^{(10)}m_{201}^{(20)}m_{032}^{(21)} + 2m_{100}^{(10)}m_{201}^{(20)}m_{023}^{(11)} - 2m_{100}^{(10)}m_{201}^{(21)}m_{131}^{(22)} + 2m_{100}^{(10)}m_{201}^{(21)}m_{113}^{(11)}\\
&+4m_{100}^{(10)}m_{201}^{(21)}m_{032}^{(20)} - 4m_{100}^{(10)}m_{201}^{(21)}m_{023}^{(10)} + 2m_{100}^{(10)}m_{201}^{(22)}m_{131}^{(21)} - 2m_{100}^{(10)}m_{201}^{(22)}m_{122}^{(11)}\\
&-2m_{100}^{(10)}m_{201}^{(22)}m_{041}^{(20)} + 2m_{100}^{(10)}m_{201}^{(22)}m_{032}^{(10)} - 2m_{100}^{(10)}m_{120}^{(10)}m_{113}^{(22)} + 2m_{100}^{(10)}m_{120}^{(10)}m_{104}^{(21)}\\
&+2m_{100}^{(10)}m_{120}^{(10)}m_{014}^{(20)} - 2m_{100}^{(10)}m_{120}^{(10)}m_{005}^{(10)} + 2m_{100}^{(10)}m_{120}^{(11)}m_{203}^{(22)} - 4m_{100}^{(10)}m_{120}^{(11)}m_{104}^{(20)}\\
&+2m_{100}^{(10)}m_{120}^{(11)}m_{005}^{(00)} + 2m_{100}^{(10)}m_{120}^{(20)}m_{122}^{(22)} - 2m_{100}^{(10)}m_{120}^{(20)}m_{113}^{(21)} - 2m_{100}^{(10)}m_{120}^{(20)}m_{023}^{(20)}\\
&+2m_{100}^{(10)}m_{120}^{(20)}m_{014}^{(10)} - 2m_{100}^{(10)}m_{120}^{(21)}m_{212}^{(22)} - 2m_{100}^{(10)}m_{120}^{(21)}m_{203}^{(21)} + 6m_{100}^{(10)}m_{120}^{(21)}m_{113}^{(20)}\\
&+2m_{100}^{(10)}m_{120}^{(21)}m_{104}^{(10)} - 4m_{100}^{(10)}m_{120}^{(21)}m_{014}^{(00)} + 2m_{100}^{(10)}m_{120}^{(22)}m_{212}^{(21)} - 2m_{100}^{(10)}m_{120}^{(22)}m_{122}^{(20)}\\
&-2m_{100}^{(10)}m_{120}^{(22)}m_{113}^{(10)} + 2m_{100}^{(10)}m_{120}^{(22)}m_{023}^{(00)} + 4m_{100}^{(10)}m_{111}^{(10)}m_{113}^{(21)} - 4m_{100}^{(10)}m_{111}^{(10)}m_{104}^{(11)}\\
&-4m_{100}^{(10)}m_{111}^{(10)}m_{023}^{(20)} + 4m_{100}^{(10)}m_{111}^{(10)}m_{014}^{(10)} - 4m_{100}^{(10)}m_{111}^{(11)}m_{203}^{(21)} + 4m_{100}^{(10)}m_{111}^{(11)}m_{113}^{(20)}\\
&+4m_{100}^{(10)}m_{111}^{(11)}m_{104}^{(10)} - 4m_{100}^{(10)}m_{111}^{(11)}m_{014}^{(00)} - 4m_{100}^{(10)}m_{111}^{(20)}m_{122}^{(21)} + 4m_{100}^{(10)}m_{111}^{(20)}m_{113}^{(11)}\\
&+4m_{100}^{(10)}m_{111}^{(20)}m_{032}^{(20)} - 4m_{100}^{(10)}m_{111}^{(20)}m_{023}^{(10)} + 4m_{100}^{(10)}m_{111}^{(21)}m_{212}^{(21)} + 4m_{100}^{(10)}m_{111}^{(21)}m_{203}^{(11)}\\
&-4m_{100}^{(10)}m_{111}^{(21)}m_{122}^{(20)} - 12m_{100}^{(10)}m_{111}^{(21)}m_{113}^{(10)} + 8m_{100}^{(10)}m_{111}^{(21)}m_{023}^{(00)} - 4m_{100}^{(10)}m_{111}^{(22)}m_{212}^{(11)}\\
&+8m_{100}^{(10)}m_{111}^{(22)}m_{122}^{(10)} - 4m_{100}^{(10)}m_{111}^{(22)}m_{032}^{(00)} + 2m_{100}^{(10)}m_{102}^{(10)}m_{131}^{(22)} - 6m_{100}^{(10)}m_{102}^{(10)}m_{122}^{(21)}\\
&+4m_{100}^{(10)}m_{102}^{(10)}m_{113}^{(11)} + 2m_{100}^{(10)}m_{102}^{(10)}m_{032}^{(20)} - 2m_{100}^{(10)}m_{102}^{(10)}m_{023}^{(10)} - 2m_{100}^{(10)}m_{102}^{(11)}m_{122}^{(22)}\\
&+4m_{100}^{(10)}m_{102}^{(11)}m_{212}^{(21)} - 4m_{100}^{(10)}m_{102}^{(11)}m_{113}^{(10)} + 2m_{100}^{(10)}m_{102}^{(11)}m_{023}^{(00)} - 2m_{100}^{(10)}m_{102}^{(20)}m_{140}^{(22)}\\
&+6m_{100}^{(10)}m_{102}^{(20)}m_{131}^{(21)} - 4m_{100}^{(10)}m_{102}^{(20)}m_{122}^{(11)} - 2m_{100}^{(10)}m_{102}^{(20)}m_{041}^{(20)} + 2m_{100}^{(10)}m_{102}^{(20)}m_{032}^{(10)}\\
&+2m_{100}^{(10)}m_{102}^{(21)}m_{230}^{(22)} - 2m_{100}^{(10)}m_{102}^{(21)}m_{221}^{(21)} - 4m_{100}^{(10)}m_{102}^{(21)}m_{212}^{(11)} - 2m_{100}^{(10)}m_{102}^{(21)}m_{131}^{(20)}
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\begin{aligned}
&+10m_{100}^{(10)}m_{102}^{(21)}m_{122}^{(10)} - 4m_{100}^{(10)}m_{102}^{(21)}m_{032}^{(00)} - 2m_{100}^{(10)}m_{102}^{(22)}m_{230}^{(21)} + 4m_{100}^{(10)}m_{102}^{(22)}m_{221}^{(11)}\\
&+2m_{100}^{(10)}m_{102}^{(22)}m_{140}^{(20)} - 6m_{100}^{(10)}m_{102}^{(22)}m_{131}^{(10)} + 2m_{100}^{(10)}m_{102}^{(22)}m_{041}^{(00)} + 2m_{100}^{(10)}m_{021}^{(10)}m_{212}^{(22)}\\
&-2m_{100}^{(10)}m_{021}^{(10)}m_{203}^{(21)} - 2m_{100}^{(10)}m_{021}^{(10)}m_{113}^{(20)} + 2m_{100}^{(10)}m_{021}^{(10)}m_{104}^{(10)} - 2m_{100}^{(10)}m_{021}^{(11)}m_{302}^{(22)}\\
&+4m_{100}^{(10)}m_{021}^{(11)}m_{203}^{(20)} - 2m_{100}^{(10)}m_{021}^{(11)}m_{104}^{(00)} - 2m_{100}^{(10)}m_{021}^{(20)}m_{221}^{(22)} + 2m_{100}^{(10)}m_{021}^{(20)}m_{212}^{(21)}\\
&+2m_{100}^{(10)}m_{021}^{(20)}m_{122}^{(20)} - 2m_{100}^{(10)}m_{021}^{(20)}m_{113}^{(10)} + 2m_{100}^{(10)}m_{021}^{(21)}m_{311}^{(22)} + 2m_{100}^{(10)}m_{021}^{(21)}m_{302}^{(21)}\\
&-6m_{100}^{(10)}m_{021}^{(21)}m_{212}^{(20)} - 2m_{100}^{(10)}m_{021}^{(21)}m_{203}^{(10)} + 4m_{100}^{(10)}m_{021}^{(21)}m_{113}^{(00)} - 2m_{100}^{(10)}m_{021}^{(22)}m_{311}^{(21)}\\
&+2m_{100}^{(10)}m_{021}^{(22)}m_{221}^{(20)} + 2m_{100}^{(10)}m_{021}^{(22)}m_{212}^{(10)} - 2m_{100}^{(10)}m_{021}^{(22)}m_{122}^{(00)} - 2m_{100}^{(10)}m_{012}^{(10)}m_{221}^{(22)}\\
&+2m_{100}^{(10)}m_{012}^{(10)}m_{203}^{(11)} + 4m_{100}^{(10)}m_{012}^{(10)}m_{122}^{(20)} - 4m_{100}^{(10)}m_{012}^{(10)}m_{113}^{(10)} + 2m_{100}^{(10)}m_{012}^{(11)}m_{311}^{(22)}\\
&+2m_{100}^{(10)}m_{012}^{(11)}m_{302}^{(21)} - 6m_{100}^{(10)}m_{012}^{(11)}m_{212}^{(20)} - 2m_{100}^{(10)}m_{012}^{(11)}m_{203}^{(10)} + 4m_{100}^{(10)}m_{012}^{(11)}m_{113}^{(00)}\\
&+2m_{100}^{(10)}m_{012}^{(20)}m_{230}^{(22)} - 2m_{100}^{(10)}m_{012}^{(20)}m_{212}^{(11)} - 4m_{100}^{(10)}m_{012}^{(20)}m_{131}^{(20)} + 4m_{100}^{(10)}m_{012}^{(20)}m_{122}^{(10)}\\
&-2m_{100}^{(10)}m_{012}^{(21)}m_{320}^{(22)} - 4m_{100}^{(10)}m_{012}^{(21)}m_{311}^{(21)} - 2m_{100}^{(10)}m_{012}^{(21)}m_{302}^{(11)} + 8m_{100}^{(10)}m_{012}^{(21)}m_{221}^{(20)}\\
&+8m_{100}^{(10)}m_{012}^{(21)}m_{212}^{(10)} - 8m_{100}^{(10)}m_{012}^{(21)}m_{122}^{(00)} + 2m_{100}^{(10)}m_{012}^{(22)}m_{320}^{(21)} + 2m_{100}^{(10)}m_{012}^{(22)}m_{311}^{(11)}\\
&-2m_{100}^{(10)}m_{012}^{(22)}m_{230}^{(20)} - 6m_{100}^{(10)}m_{012}^{(22)}m_{221}^{(10)} + 4m_{100}^{(10)}m_{012}^{(22)}m_{131}^{(00)} + 2m_{100}^{(10)}m_{003}^{(10)}m_{221}^{(21)}\\
&-2m_{100}^{(10)}m_{003}^{(10)}m_{212}^{(11)} - 2m_{100}^{(10)}m_{003}^{(10)}m_{131}^{(20)} + 2m_{100}^{(10)}m_{003}^{(10)}m_{122}^{(10)} - 2m_{100}^{(10)}m_{003}^{(11)}m_{311}^{(21)}\\
&+2m_{100}^{(10)}m_{003}^{(11)}m_{221}^{(20)} + 2m_{100}^{(10)}m_{003}^{(11)}m_{212}^{(10)} - 2m_{100}^{(10)}m_{003}^{(11)}m_{122}^{(00)} - 2m_{100}^{(10)}m_{003}^{(20)}m_{230}^{(21)}\\
&+2m_{100}^{(10)}m_{003}^{(20)}m_{221}^{(11)} + 2m_{100}^{(10)}m_{003}^{(20)}m_{140}^{(20)} - 2m_{100}^{(10)}m_{003}^{(20)}m_{131}^{(10)} + 2m_{100}^{(10)}m_{003}^{(21)}m_{320}^{(21)}\\
&+2m_{100}^{(10)}m_{003}^{(21)}m_{311}^{(11)} - 2m_{100}^{(10)}m_{003}^{(21)}m_{230}^{(20)} - 6m_{100}^{(10)}m_{003}^{(21)}m_{221}^{(10)} + 4m_{100}^{(10)}m_{003}^{(21)}m_{131}^{(00)}\\
&-2m_{100}^{(10)}m_{003}^{(22)}m_{320}^{(11)} + 4m_{100}^{(10)}m_{003}^{(22)}m_{230}^{(10)} - 2m_{100}^{(10)}m_{003}^{(22)}m_{140}^{(00)} - m_{100}^{(11)}m_{300}^{(10)}m_{023}^{(22)}\\
&+2m_{100}^{(11)}m_{300}^{(10)}m_{014}^{(21)} - m_{100}^{(11)}m_{300}^{(10)}m_{005}^{(11)} + m_{100}^{(11)}m_{300}^{(11)}m_{113}^{(22)} - m_{100}^{(11)}m_{300}^{(11)}m_{104}^{(21)}\\
&-m_{100}^{(11)}m_{300}^{(11)}m_{014}^{(20)} + m_{100}^{(11)}m_{300}^{(11)}m_{005}^{(10)} + m_{100}^{(11)}m_{300}^{(20)}m_{032}^{(22)} - 2m_{100}^{(11)}m_{300}^{(20)}m_{023}^{(21)}\\
&+m_{100}^{(11)}m_{300}^{(20)}m_{014}^{(11)} - m_{100}^{(11)}m_{300}^{(21)}m_{122}^{(22)} + m_{100}^{(11)}m_{300}^{(21)}m_{104}^{(11)} + 2m_{100}^{(11)}m_{300}^{(21)}m_{023}^{(20)}\\
&-2m_{100}^{(11)}m_{300}^{(21)}m_{014}^{(10)} + m_{100}^{(11)}m_{300}^{(22)}m_{122}^{(21)} - m_{100}^{(11)}m_{300}^{(22)}m_{113}^{(11)} - m_{100}^{(11)}m_{300}^{(22)}m_{032}^{(20)}\\
&+m_{100}^{(11)}m_{300}^{(22)}m_{023}^{(10)} + m_{100}^{(11)}m_{210}^{(10)}m_{113}^{(22)} - m_{100}^{(11)}m_{210}^{(10)}m_{104}^{(21)} - m_{100}^{(11)}m_{210}^{(10)}m_{014}^{(20)}\\
&+m_{100}^{(11)}m_{210}^{(10)}m_{005}^{(10)} - m_{100}^{(11)}m_{210}^{(11)}m_{203}^{(22)} + 2m_{100}^{(11)}m_{210}^{(11)}m_{104}^{(20)} - m_{100}^{(11)}m_{210}^{(11)}m_{005}^{(00)}\\
&-m_{100}^{(11)}m_{210}^{(20)}m_{122}^{(22)} + m_{100}^{(11)}m_{210}^{(20)}m_{113}^{(21)} + m_{100}^{(11)}m_{210}^{(20)}m_{023}^{(20)} - m_{100}^{(11)}m_{210}^{(20)}m_{014}^{(10)}\\
&+m_{100}^{(11)}m_{210}^{(21)}m_{212}^{(22)} + m_{100}^{(11)}m_{210}^{(21)}m_{203}^{(21)} - 3m_{100}^{(11)}m_{210}^{(21)}m_{113}^{(20)} - m_{100}^{(11)}m_{210}^{(21)}m_{104}^{(10)}\\
&+2m_{100}^{(11)}m_{210}^{(21)}m_{014}^{(00)} - m_{100}^{(11)}m_{210}^{(22)}m_{212}^{(21)} + m_{100}^{(11)}m_{210}^{(22)}m_{122}^{(20)} + m_{100}^{(11)}m_{210}^{(22)}m_{113}^{(10)}\\
&-m_{100}^{(11)}m_{210}^{(22)}m_{023}^{(00)} + 2m_{100}^{(11)}m_{201}^{(10)}m_{122}^{(22)} - 5m_{100}^{(11)}m_{201}^{(10)}m_{113}^{(21)} + 3m_{100}^{(11)}m_{201}^{(10)}m_{104}^{(11)}\\
&+m_{100}^{(11)}m_{201}^{(10)}m_{023}^{(20)} - m_{100}^{(11)}m_{201}^{(10)}m_{014}^{(10)} - 2m_{100}^{(11)}m_{201}^{(11)}m_{212}^{(22)} + 3m_{100}^{(11)}m_{201}^{(11)}m_{203}^{(21)}\\
&+m_{100}^{(11)}m_{201}^{(11)}m_{113}^{(20)} - 3m_{100}^{(11)}m_{201}^{(11)}m_{104}^{(10)} + m_{100}^{(11)}m_{201}^{(11)}m_{014}^{(00)} - 2m_{100}^{(11)}m_{201}^{(20)}m_{131}^{(22)}\\
&+5m_{100}^{(11)}m_{201}^{(20)}m_{122}^{(21)} - 3m_{100}^{(11)}m_{201}^{(20)}m_{113}^{(11)} - m_{100}^{(11)}m_{201}^{(20)}m_{032}^{(20)} + m_{100}^{(11)}m_{201}^{(20)}m_{023}^{(10)}\\
&+2m_{100}^{(11)}m_{201}^{(21)}m_{221}^{(22)} - m_{100}^{(11)}m_{201}^{(21)}m_{212}^{(21)} - 3m_{100}^{(11)}m_{201}^{(21)}m_{203}^{(11)} - 3m_{100}^{(11)}m_{201}^{(21)}m_{122}^{(20)}\\
&+7m_{100}^{(11)}m_{201}^{(21)}m_{113}^{(10)} - 2m_{100}^{(11)}m_{201}^{(21)}m_{023}^{(00)} - 2m_{100}^{(11)}m_{201}^{(22)}m_{221}^{(21)} + 3m_{100}^{(11)}m_{201}^{(22)}m_{212}^{(11)}\\
&+2m_{100}^{(11)}m_{201}^{(22)}m_{131}^{(20)} - 4m_{100}^{(11)}m_{201}^{(22)}m_{122}^{(10)} + m_{100}^{(11)}m_{201}^{(22)}m_{032}^{(00)} - 2m_{100}^{(11)}m_{111}^{(10)}m_{212}^{(22)}\\
&+2m_{100}^{(11)}m_{111}^{(10)}m_{203}^{(21)} + 2m_{100}^{(11)}m_{111}^{(10)}m_{113}^{(20)} - 2m_{100}^{(11)}m_{111}^{(10)}m_{104}^{(10)} + 2m_{100}^{(11)}m_{111}^{(11)}m_{302}^{(22)}\\
&-4m_{100}^{(11)}m_{111}^{(11)}m_{203}^{(20)} + 2m_{100}^{(11)}m_{111}^{(11)}m_{104}^{(00)} + 2m_{100}^{(11)}m_{111}^{(20)}m_{221}^{(22)} - 2m_{100}^{(11)}m_{111}^{(20)}m_{212}^{(21)}\\
&-2m_{100}^{(11)}m_{111}^{(20)}m_{122}^{(20)} + 2m_{100}^{(11)}m_{111}^{(20)}m_{113}^{(10)} - 2m_{100}^{(11)}m_{111}^{(21)}m_{311}^{(22)} - 2m_{100}^{(11)}m_{111}^{(21)}m_{302}^{(21)}\\
&+6m_{100}^{(11)}m_{111}^{(21)}m_{212}^{(20)} + 2m_{100}^{(11)}m_{111}^{(21)}m_{203}^{(10)} - 4m_{100}^{(11)}m_{111}^{(21)}m_{113}^{(00)} + 2m_{100}^{(11)}m_{111}^{(22)}m_{311}^{(21)}
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\begin{aligned}
&-2m_{100}^{(11)}m_{111}^{(22)}m_{221}^{(20)} - 2m_{100}^{(11)}m_{111}^{(22)}m_{212}^{(10)} + 2m_{100}^{(11)}m_{111}^{(22)}m_{122}^{(00)} - m_{100}^{(11)}m_{102}^{(10)}m_{221}^{(22)}\\
&+4m_{100}^{(11)}m_{102}^{(10)}m_{212}^{(21)} - 3m_{100}^{(11)}m_{102}^{(10)}m_{203}^{(11)} - 2m_{100}^{(11)}m_{102}^{(10)}m_{122}^{(20)} + 2m_{100}^{(11)}m_{102}^{(10)}m_{113}^{(10)}\\
&+m_{100}^{(11)}m_{102}^{(11)}m_{311}^{(22)} - 3m_{100}^{(11)}m_{102}^{(11)}m_{302}^{(21)} + m_{100}^{(11)}m_{102}^{(11)}m_{212}^{(20)} + 3m_{100}^{(11)}m_{102}^{(11)}m_{203}^{(10)}\\
&-2m_{100}^{(11)}m_{102}^{(11)}m_{113}^{(00)} + m_{100}^{(11)}m_{102}^{(20)}m_{230}^{(22)} - 4m_{100}^{(11)}m_{102}^{(20)}m_{221}^{(21)} + 3m_{100}^{(11)}m_{102}^{(20)}m_{212}^{(11)}\\
&+2m_{100}^{(11)}m_{102}^{(20)}m_{131}^{(20)} - 2m_{100}^{(11)}m_{102}^{(20)}m_{122}^{(10)} - m_{100}^{(11)}m_{102}^{(21)}m_{320}^{(22)} + 2m_{100}^{(11)}m_{102}^{(21)}m_{311}^{(21)}\\
&+3m_{100}^{(11)}m_{102}^{(21)}m_{302}^{(11)} - 8m_{100}^{(11)}m_{102}^{(21)}m_{212}^{(10)} + 4m_{100}^{(11)}m_{102}^{(21)}m_{122}^{(00)} + m_{100}^{(11)}m_{102}^{(22)}m_{320}^{(21)}\\
&-3m_{100}^{(11)}m_{102}^{(22)}m_{311}^{(11)} - m_{100}^{(11)}m_{102}^{(22)}m_{230}^{(20)} + 5m_{100}^{(11)}m_{102}^{(22)}m_{221}^{(10)} - 2m_{100}^{(11)}m_{102}^{(22)}m_{131}^{(00)}\\
&+m_{100}^{(11)}m_{012}^{(10)}m_{311}^{(22)} - m_{100}^{(11)}m_{012}^{(10)}m_{302}^{(21)} - m_{100}^{(11)}m_{012}^{(10)}m_{212}^{(20)} + m_{100}^{(11)}m_{012}^{(10)}m_{203}^{(10)}\\
&-m_{100}^{(11)}m_{012}^{(11)}m_{401}^{(22)} + 2m_{100}^{(11)}m_{012}^{(11)}m_{302}^{(20)} - m_{100}^{(11)}m_{012}^{(11)}m_{203}^{(00)} - m_{100}^{(11)}m_{012}^{(20)}m_{320}^{(22)}\\
&+m_{100}^{(11)}m_{012}^{(20)}m_{311}^{(21)} + m_{100}^{(11)}m_{012}^{(20)}m_{221}^{(20)} - m_{100}^{(11)}m_{012}^{(20)}m_{212}^{(10)} + m_{100}^{(11)}m_{012}^{(21)}m_{410}^{(22)}\\
&+m_{100}^{(11)}m_{012}^{(21)}m_{401}^{(21)} - 3m_{100}^{(11)}m_{012}^{(21)}m_{311}^{(20)} - m_{100}^{(11)}m_{012}^{(21)}m_{302}^{(10)} + 2m_{100}^{(11)}m_{012}^{(21)}m_{212}^{(00)}\\
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&-m_{100}^{(11)}m_{003}^{(10)}m_{311}^{(21)} + m_{100}^{(11)}m_{003}^{(10)}m_{302}^{(11)} + m_{100}^{(11)}m_{003}^{(10)}m_{221}^{(20)} - m_{100}^{(11)}m_{003}^{(10)}m_{212}^{(10)}\\
&+m_{100}^{(11)}m_{003}^{(11)}m_{401}^{(21)} - m_{100}^{(11)}m_{003}^{(11)}m_{311}^{(20)} - m_{100}^{(11)}m_{003}^{(11)}m_{302}^{(10)} + m_{100}^{(11)}m_{003}^{(11)}m_{212}^{(00)}\\
&+m_{100}^{(11)}m_{003}^{(20)}m_{320}^{(21)} - m_{100}^{(11)}m_{003}^{(20)}m_{311}^{(11)} - m_{100}^{(11)}m_{003}^{(20)}m_{230}^{(20)} + m_{100}^{(11)}m_{003}^{(20)}m_{221}^{(10)}\\
&-m_{100}^{(11)}m_{003}^{(21)}m_{410}^{(21)} - m_{100}^{(11)}m_{003}^{(21)}m_{401}^{(11)} + m_{100}^{(11)}m_{003}^{(21)}m_{320}^{(20)} + 3m_{100}^{(11)}m_{003}^{(21)}m_{311}^{(10)}\\
&-2m_{100}^{(11)}m_{003}^{(21)}m_{221}^{(00)} + m_{100}^{(11)}m_{003}^{(22)}m_{410}^{(11)} - 2m_{100}^{(11)}m_{003}^{(22)}m_{320}^{(10)} + m_{100}^{(11)}m_{003}^{(22)}m_{230}^{(00)}\\
&-2m_{100}^{(20)}m_{210}^{(10)}m_{032}^{(22)} + 4m_{100}^{(20)}m_{210}^{(10)}m_{023}^{(21)} - 2m_{100}^{(20)}m_{210}^{(10)}m_{014}^{(11)} + 2m_{100}^{(20)}m_{210}^{(11)}m_{122}^{(22)}\\
&-2m_{100}^{(20)}m_{210}^{(11)}m_{113}^{(21)} - 2m_{100}^{(20)}m_{210}^{(11)}m_{023}^{(20)} + 2m_{100}^{(20)}m_{210}^{(11)}m_{014}^{(10)} + 2m_{100}^{(20)}m_{210}^{(20)}m_{041}^{(22)}\\
&-4m_{100}^{(20)}m_{210}^{(20)}m_{032}^{(21)} + 2m_{100}^{(20)}m_{210}^{(20)}m_{023}^{(11)} - 2m_{100}^{(20)}m_{210}^{(21)}m_{131}^{(22)} + 2m_{100}^{(20)}m_{210}^{(21)}m_{113}^{(11)}\\
&+4m_{100}^{(20)}m_{210}^{(21)}m_{032}^{(20)} - 4m_{100}^{(20)}m_{210}^{(21)}m_{023}^{(10)} + 2m_{100}^{(20)}m_{210}^{(22)}m_{131}^{(21)} - 2m_{100}^{(20)}m_{210}^{(22)}m_{122}^{(11)}\\
&-2m_{100}^{(20)}m_{210}^{(22)}m_{041}^{(20)} + 2m_{100}^{(20)}m_{210}^{(22)}m_{032}^{(10)} + 2m_{100}^{(20)}m_{201}^{(10)}m_{041}^{(22)} - 4m_{100}^{(20)}m_{201}^{(10)}m_{032}^{(21)}\\
&+2m_{100}^{(20)}m_{201}^{(10)}m_{023}^{(11)} - 2m_{100}^{(20)}m_{201}^{(11)}m_{131}^{(22)} + 2m_{100}^{(20)}m_{201}^{(11)}m_{122}^{(21)} + 2m_{100}^{(20)}m_{201}^{(11)}m_{032}^{(20)}\\
&-2m_{100}^{(20)}m_{201}^{(11)}m_{023}^{(10)} - 2m_{100}^{(20)}m_{201}^{(20)}m_{050}^{(22)} + 4m_{100}^{(20)}m_{201}^{(20)}m_{041}^{(21)} - 2m_{100}^{(20)}m_{201}^{(20)}m_{032}^{(11)}\\
&+2m_{100}^{(20)}m_{201}^{(21)}m_{140}^{(22)} - 2m_{100}^{(20)}m_{201}^{(21)}m_{122}^{(11)} - 4m_{100}^{(20)}m_{201}^{(21)}m_{041}^{(20)} + 4m_{100}^{(20)}m_{201}^{(21)}m_{032}^{(10)}\\
&-2m_{100}^{(20)}m_{201}^{(22)}m_{140}^{(21)} + 2m_{100}^{(20)}m_{201}^{(22)}m_{131}^{(11)} + 2m_{100}^{(20)}m_{201}^{(22)}m_{050}^{(20)} - 2m_{100}^{(20)}m_{201}^{(22)}m_{041}^{(10)}\\
&+4m_{100}^{(20)}m_{120}^{(10)}m_{122}^{(22)} - 6m_{100}^{(20)}m_{120}^{(10)}m_{113}^{(21)} + 2m_{100}^{(20)}m_{120}^{(10)}m_{104}^{(11)} - 2m_{100}^{(20)}m_{120}^{(10)}m_{023}^{(20)}\\
&+2m_{100}^{(20)}m_{120}^{(10)}m_{014}^{(10)} - 4m_{100}^{(20)}m_{120}^{(11)}m_{212}^{(22)} + 2m_{100}^{(20)}m_{120}^{(11)}m_{203}^{(21)} + 6m_{100}^{(20)}m_{120}^{(11)}m_{113}^{(20)}\\
&-2m_{100}^{(20)}m_{120}^{(11)}m_{104}^{(10)} - 2m_{100}^{(20)}m_{120}^{(11)}m_{014}^{(00)} - 4m_{100}^{(20)}m_{120}^{(20)}m_{131}^{(22)} + 6m_{100}^{(20)}m_{120}^{(20)}m_{122}^{(21)}\\
&-2m_{100}^{(20)}m_{120}^{(20)}m_{113}^{(11)} + 2m_{100}^{(20)}m_{120}^{(20)}m_{032}^{(20)} - 2m_{100}^{(20)}m_{120}^{(20)}m_{023}^{(10)} + 4m_{100}^{(20)}m_{120}^{(21)}m_{221}^{(22)}\\
&+2m_{100}^{(20)}m_{120}^{(21)}m_{212}^{(21)} - 2m_{100}^{(20)}m_{120}^{(21)}m_{203}^{(11)} - 10m_{100}^{(20)}m_{120}^{(21)}m_{122}^{(20)} + 2m_{100}^{(20)}m_{120}^{(21)}m_{113}^{(10)}\\
&+4m_{100}^{(20)}m_{120}^{(21)}m_{023}^{(00)} - 4m_{100}^{(20)}m_{120}^{(22)}m_{221}^{(21)} + 2m_{100}^{(20)}m_{120}^{(22)}m_{212}^{(11)} + 4m_{100}^{(20)}m_{120}^{(22)}m_{131}^{(20)}\\
&-2m_{100}^{(20)}m_{120}^{(22)}m_{032}^{(00)} - 4m_{100}^{(20)}m_{111}^{(10)}m_{131}^{(22)} + 4m_{100}^{(20)}m_{111}^{(10)}m_{122}^{(21)} + 4m_{100}^{(20)}m_{111}^{(10)}m_{032}^{(20)}\\
&-4m_{100}^{(20)}m_{111}^{(10)}m_{023}^{(10)} + 4m_{100}^{(20)}m_{111}^{(11)}m_{221}^{(22)} - 8m_{100}^{(20)}m_{111}^{(11)}m_{122}^{(20)} + 4m_{100}^{(20)}m_{111}^{(11)}m_{023}^{(00)}\\
&+4m_{100}^{(20)}m_{111}^{(20)}m_{140}^{(22)} - 4m_{100}^{(20)}m_{111}^{(20)}m_{131}^{(21)} - 4m_{100}^{(20)}m_{111}^{(20)}m_{041}^{(20)} + 4m_{100}^{(20)}m_{111}^{(20)}m_{032}^{(10)}\\
&-4m_{100}^{(20)}m_{111}^{(21)}m_{230}^{(22)} - 4m_{100}^{(20)}m_{111}^{(21)}m_{221}^{(21)} + 12m_{100}^{(20)}m_{111}^{(21)}m_{131}^{(20)} + 4m_{100}^{(20)}m_{111}^{(21)}m_{122}^{(10)}\\
&-8m_{100}^{(20)}m_{111}^{(21)}m_{032}^{(00)} + 4m_{100}^{(20)}m_{111}^{(22)}m_{230}^{(21)} - 4m_{100}^{(20)}m_{111}^{(22)}m_{140}^{(20)} - 4m_{100}^{(20)}m_{111}^{(22)}m_{131}^{(10)}\\
&+4m_{100}^{(20)}m_{111}^{(22)}m_{041}^{(00)} + 2m_{100}^{(20)}m_{102}^{(10)}m_{131}^{(21)} - 2m_{100}^{(20)}m_{102}^{(10)}m_{122}^{(11)} - 2m_{100}^{(20)}m_{102}^{(10)}m_{041}^{(20)}
\end{aligned}
$$

$$
\begin{aligned}
&+2m_{100}^{(20)}m_{102}^{(10)}m_{032}^{(10)} - 2m_{100}^{(20)}m_{102}^{(11)}m_{221}^{(21)} + 2m_{100}^{(20)}m_{102}^{(11)}m_{131}^{(20)} + 2m_{100}^{(20)}m_{102}^{(11)}m_{122}^{(10)}\\
&-2m_{100}^{(20)}m_{102}^{(11)}m_{032}^{(00)} - 2m_{100}^{(20)}m_{102}^{(20)}m_{140}^{(21)} + 2m_{100}^{(20)}m_{102}^{(20)}m_{131}^{(11)} + 2m_{100}^{(20)}m_{102}^{(20)}m_{050}^{(20)}\\
&-2m_{100}^{(20)}m_{102}^{(20)}m_{041}^{(10)} + 2m_{100}^{(20)}m_{102}^{(21)}m_{230}^{(21)} + 2m_{100}^{(20)}m_{102}^{(21)}m_{221}^{(11)} - 2m_{100}^{(20)}m_{102}^{(21)}m_{140}^{(20)}\\
&-6m_{100}^{(20)}m_{102}^{(21)}m_{131}^{(10)} + 4m_{100}^{(20)}m_{102}^{(21)}m_{041}^{(00)} - 2m_{100}^{(20)}m_{102}^{(22)}m_{230}^{(11)} + 4m_{100}^{(20)}m_{102}^{(22)}m_{140}^{(10)}\\
&-2m_{100}^{(20)}m_{102}^{(22)}m_{050}^{(00)} - 2m_{100}^{(20)}m_{030}^{(10)}m_{212}^{(22)} + 2m_{100}^{(20)}m_{030}^{(10)}m_{203}^{(21)} + 2m_{100}^{(20)}m_{030}^{(10)}m_{113}^{(20)}\\
&-2m_{100}^{(20)}m_{030}^{(10)}m_{104}^{(10)} + 2m_{100}^{(20)}m_{030}^{(11)}m_{302}^{(22)} - 4m_{100}^{(20)}m_{030}^{(11)}m_{203}^{(20)} + 2m_{100}^{(20)}m_{030}^{(11)}m_{104}^{(00)}\\
&+2m_{100}^{(20)}m_{030}^{(20)}m_{221}^{(22)} - 2m_{100}^{(20)}m_{030}^{(20)}m_{212}^{(21)} - 2m_{100}^{(20)}m_{030}^{(20)}m_{122}^{(20)} + 2m_{100}^{(20)}m_{030}^{(20)}m_{113}^{(10)}\\
&-2m_{100}^{(20)}m_{030}^{(21)}m_{311}^{(22)} - 2m_{100}^{(20)}m_{030}^{(21)}m_{302}^{(21)} + 6m_{100}^{(20)}m_{030}^{(21)}m_{212}^{(20)} + 2m_{100}^{(20)}m_{030}^{(21)}m_{203}^{(10)}\\
&-4m_{100}^{(20)}m_{030}^{(21)}m_{113}^{(00)} + 2m_{100}^{(20)}m_{030}^{(22)}m_{311}^{(21)} - 2m_{100}^{(20)}m_{030}^{(22)}m_{221}^{(20)} - 2m_{100}^{(20)}m_{030}^{(22)}m_{212}^{(10)}\\
&+2m_{100}^{(20)}m_{030}^{(22)}m_{122}^{(00)} + 2m_{100}^{(20)}m_{021}^{(10)}m_{221}^{(22)} - 2m_{100}^{(20)}m_{021}^{(10)}m_{203}^{(11)} - 4m_{100}^{(20)}m_{021}^{(10)}m_{122}^{(20)}\\
&+4m_{100}^{(20)}m_{021}^{(10)}m_{113}^{(10)} - 2m_{100}^{(20)}m_{021}^{(11)}m_{311}^{(22)} - 2m_{100}^{(20)}m_{021}^{(11)}m_{302}^{(21)} + 6m_{100}^{(20)}m_{021}^{(11)}m_{212}^{(20)}\\
&+2m_{100}^{(20)}m_{021}^{(11)}m_{203}^{(10)} - 4m_{100}^{(20)}m_{021}^{(11)}m_{113}^{(00)} - 2m_{100}^{(20)}m_{021}^{(20)}m_{230}^{(22)} + 2m_{100}^{(20)}m_{021}^{(20)}m_{212}^{(11)}\\
&+4m_{100}^{(20)}m_{021}^{(20)}m_{131}^{(20)} - 4m_{100}^{(20)}m_{021}^{(20)}m_{122}^{(10)} + 2m_{100}^{(20)}m_{021}^{(21)}m_{320}^{(22)} + 4m_{100}^{(20)}m_{021}^{(21)}m_{311}^{(21)}\\
&+2m_{100}^{(20)}m_{021}^{(21)}m_{302}^{(11)} - 8m_{100}^{(20)}m_{021}^{(21)}m_{221}^{(20)} - 8m_{100}^{(20)}m_{021}^{(21)}m_{212}^{(10)} + 8m_{100}^{(20)}m_{021}^{(21)}m_{122}^{(00)}\\
&-2m_{100}^{(20)}m_{021}^{(22)}m_{320}^{(21)} - 2m_{100}^{(20)}m_{021}^{(22)}m_{311}^{(11)} + 2m_{100}^{(20)}m_{021}^{(22)}m_{230}^{(20)} + 6m_{100}^{(20)}m_{021}^{(22)}m_{221}^{(10)}\\
&-4m_{100}^{(20)}m_{021}^{(22)}m_{131}^{(00)} - 2m_{100}^{(20)}m_{012}^{(10)}m_{221}^{(21)} + 2m_{100}^{(20)}m_{012}^{(10)}m_{212}^{(11)} + 2m_{100}^{(20)}m_{012}^{(10)}m_{131}^{(20)}\\
&-2m_{100}^{(20)}m_{012}^{(10)}m_{122}^{(10)} + 2m_{100}^{(20)}m_{012}^{(11)}m_{311}^{(21)} - 2m_{100}^{(20)}m_{012}^{(11)}m_{221}^{(20)} - 2m_{100}^{(20)}m_{012}^{(11)}m_{212}^{(10)}\\
&+2m_{100}^{(20)}m_{012}^{(11)}m_{122}^{(00)} + 2m_{100}^{(20)}m_{012}^{(20)}m_{230}^{(21)} - 2m_{100}^{(20)}m_{012}^{(20)}m_{221}^{(11)} - 2m_{100}^{(20)}m_{012}^{(20)}m_{140}^{(20)}\\
&+2m_{100}^{(20)}m_{012}^{(20)}m_{131}^{(10)} - 2m_{100}^{(20)}m_{012}^{(21)}m_{320}^{(21)} - 2m_{100}^{(20)}m_{012}^{(21)}m_{311}^{(11)} + 2m_{100}^{(20)}m_{012}^{(21)}m_{230}^{(20)}\\
&+6m_{100}^{(20)}m_{012}^{(21)}m_{221}^{(10)} - 4m_{100}^{(20)}m_{012}^{(21)}m_{131}^{(00)} + 2m_{100}^{(20)}m_{012}^{(22)}m_{320}^{(11)} - 4m_{100}^{(20)}m_{012}^{(22)}m_{230}^{(10)}\\
&+2m_{100}^{(20)}m_{012}^{(22)}m_{140}^{(00)} + 2m_{100}^{(21)}m_{300}^{(10)}m_{032}^{(22)} - 4m_{100}^{(21)}m_{300}^{(10)}m_{023}^{(21)} + 2m_{100}^{(21)}m_{300}^{(10)}m_{014}^{(11)}\\
&-2m_{100}^{(21)}m_{300}^{(11)}m_{122}^{(22)} + 2m_{100}^{(21)}m_{300}^{(11)}m_{113}^{(21)} + 2m_{100}^{(21)}m_{300}^{(11)}m_{023}^{(20)} - 2m_{100}^{(21)}m_{300}^{(11)}m_{014}^{(10)}\\
&-2m_{100}^{(21)}m_{300}^{(20)}m_{041}^{(22)} + 4m_{100}^{(21)}m_{300}^{(20)}m_{032}^{(21)} - 2m_{100}^{(21)}m_{300}^{(20)}m_{023}^{(11)} + 2m_{100}^{(21)}m_{300}^{(21)}m_{131}^{(22)}\\
&-2m_{100}^{(21)}m_{300}^{(21)}m_{113}^{(11)} - 4m_{100}^{(21)}m_{300}^{(21)}m_{032}^{(20)} + 4m_{100}^{(21)}m_{300}^{(21)}m_{023}^{(10)} - 2m_{100}^{(21)}m_{300}^{(22)}m_{131}^{(21)}\\
&+2m_{100}^{(21)}m_{300}^{(22)}m_{122}^{(11)} + 2m_{100}^{(21)}m_{300}^{(22)}m_{041}^{(20)} - 2m_{100}^{(21)}m_{300}^{(22)}m_{032}^{(10)} - 4m_{100}^{(21)}m_{210}^{(10)}m_{122}^{(22)}\\
&+6m_{100}^{(21)}m_{210}^{(10)}m_{113}^{(21)} - 2m_{100}^{(21)}m_{210}^{(10)}m_{104}^{(11)} + 2m_{100}^{(21)}m_{210}^{(10)}m_{023}^{(20)} - 2m_{100}^{(21)}m_{210}^{(10)}m_{014}^{(10)}\\
&+4m_{100}^{(21)}m_{210}^{(11)}m_{212}^{(22)} - 2m_{100}^{(21)}m_{210}^{(11)}m_{203}^{(21)} - 6m_{100}^{(21)}m_{210}^{(11)}m_{113}^{(20)} + 2m_{100}^{(21)}m_{210}^{(11)}m_{104}^{(10)}\\
&+2m_{100}^{(21)}m_{210}^{(11)}m_{014}^{(00)} + 4m_{100}^{(21)}m_{210}^{(20)}m_{131}^{(22)} - 6m_{100}^{(21)}m_{210}^{(20)}m_{122}^{(21)} + 2m_{100}^{(21)}m_{210}^{(20)}m_{113}^{(11)}\\
&-2m_{100}^{(21)}m_{210}^{(20)}m_{032}^{(20)} + 2m_{100}^{(21)}m_{210}^{(20)}m_{023}^{(10)} - 4m_{100}^{(21)}m_{210}^{(21)}m_{221}^{(22)} - 2m_{100}^{(21)}m_{210}^{(21)}m_{212}^{(21)}\\
&+2m_{100}^{(21)}m_{210}^{(21)}m_{203}^{(11)} + 10m_{100}^{(21)}m_{210}^{(21)}m_{122}^{(20)} - 2m_{100}^{(21)}m_{210}^{(21)}m_{113}^{(10)} - 4m_{100}^{(21)}m_{210}^{(21)}m_{023}^{(00)}\\
&+4m_{100}^{(21)}m_{210}^{(22)}m_{221}^{(21)} - 2m_{100}^{(21)}m_{210}^{(22)}m_{212}^{(11)} - 4m_{100}^{(21)}m_{210}^{(22)}m_{131}^{(20)} + 2m_{100}^{(21)}m_{210}^{(22)}m_{032}^{(00)}\\
&-2m_{100}^{(21)}m_{201}^{(10)}m_{131}^{(22)} + 6m_{100}^{(21)}m_{201}^{(10)}m_{122}^{(21)} - 4m_{100}^{(21)}m_{201}^{(10)}m_{113}^{(11)} - 2m_{100}^{(21)}m_{201}^{(10)}m_{032}^{(20)}\\
&+2m_{100}^{(21)}m_{201}^{(10)}m_{023}^{(10)} + 2m_{100}^{(21)}m_{201}^{(11)}m_{221}^{(22)} - 4m_{100}^{(21)}m_{201}^{(11)}m_{212}^{(21)} + 4m_{100}^{(21)}m_{201}^{(11)}m_{113}^{(10)}\\
&-2m_{100}^{(21)}m_{201}^{(11)}m_{023}^{(00)} + 2m_{100}^{(21)}m_{201}^{(20)}m_{140}^{(22)} - 6m_{100}^{(21)}m_{201}^{(20)}m_{131}^{(21)} + 4m_{100}^{(21)}m_{201}^{(20)}m_{122}^{(11)}\\
&+2m_{100}^{(21)}m_{201}^{(20)}m_{041}^{(20)} - 2m_{100}^{(21)}m_{201}^{(20)}m_{032}^{(10)} - 2m_{100}^{(21)}m_{201}^{(21)}m_{230}^{(22)} + 2m_{100}^{(21)}m_{201}^{(21)}m_{221}^{(21)}\\
&+4m_{100}^{(21)}m_{201}^{(21)}m_{212}^{(11)} + 2m_{100}^{(21)}m_{201}^{(21)}m_{131}^{(20)} - 10m_{100}^{(21)}m_{201}^{(21)}m_{122}^{(10)} + 4m_{100}^{(21)}m_{201}^{(21)}m_{032}^{(00)}\\
&+2m_{100}^{(21)}m_{201}^{(22)}m_{230}^{(21)} - 4m_{100}^{(21)}m_{201}^{(22)}m_{221}^{(11)} - 2m_{100}^{(21)}m_{201}^{(22)}m_{140}^{(20)} + 6m_{100}^{(21)}m_{201}^{(22)}m_{131}^{(10)}\\
&-2m_{100}^{(21)}m_{201}^{(22)}m_{041}^{(00)} + 2m_{100}^{(21)}m_{120}^{(10)}m_{212}^{(22)} - 2m_{100}^{(21)}m_{120}^{(10)}m_{203}^{(21)} - 2m_{100}^{(21)}m_{120}^{(10)}m_{113}^{(20)}
\end{aligned}
$$

$$+2m_{100}^{(21)}m_{120}^{(10)}m_{104}^{(10)} - 2m_{100}^{(21)}m_{120}^{(11)}m_{302}^{(22)} + 4m_{100}^{(21)}m_{120}^{(11)}m_{203}^{(20)} - 2m_{100}^{(21)}m_{120}^{(11)}m_{104}^{(00)}$$
$$-2m_{100}^{(21)}m_{120}^{(20)}m_{221}^{(22)} + 2m_{100}^{(21)}m_{120}^{(20)}m_{212}^{(21)} + 2m_{100}^{(21)}m_{120}^{(20)}m_{122}^{(20)} - 2m_{100}^{(21)}m_{120}^{(20)}m_{113}^{(10)}$$
$$+2m_{100}^{(21)}m_{120}^{(21)}m_{311}^{(22)} + 2m_{100}^{(21)}m_{120}^{(21)}m_{302}^{(21)} - 6m_{100}^{(21)}m_{120}^{(21)}m_{212}^{(20)} - 2m_{100}^{(21)}m_{120}^{(21)}m_{203}^{(10)}$$
$$+4m_{100}^{(21)}m_{120}^{(21)}m_{113}^{(00)} - 2m_{100}^{(21)}m_{120}^{(22)}m_{311}^{(21)} + 2m_{100}^{(21)}m_{120}^{(22)}m_{221}^{(20)} + 2m_{100}^{(21)}m_{120}^{(22)}m_{212}^{(10)}$$
$$-2m_{100}^{(21)}m_{120}^{(22)}m_{122}^{(00)} + 4m_{100}^{(21)}m_{111}^{(10)}m_{221}^{(22)} - 8m_{100}^{(21)}m_{111}^{(10)}m_{212}^{(21)} + 4m_{100}^{(21)}m_{111}^{(10)}m_{203}^{(11)}$$
$$-4m_{100}^{(21)}m_{111}^{(11)}m_{311}^{(22)} + 4m_{100}^{(21)}m_{111}^{(11)}m_{302}^{(21)} + 4m_{100}^{(21)}m_{111}^{(11)}m_{212}^{(20)} - 4m_{100}^{(21)}m_{111}^{(11)}m_{203}^{(10)}$$
$$-4m_{100}^{(21)}m_{111}^{(20)}m_{230}^{(22)} + 8m_{100}^{(21)}m_{111}^{(20)}m_{221}^{(21)} - 4m_{100}^{(21)}m_{111}^{(20)}m_{212}^{(11)} + 4m_{100}^{(21)}m_{111}^{(21)}m_{320}^{(22)}$$
$$-4m_{100}^{(21)}m_{111}^{(21)}m_{302}^{(11)} - 8m_{100}^{(21)}m_{111}^{(21)}m_{221}^{(20)} + 8m_{100}^{(21)}m_{111}^{(21)}m_{212}^{(10)} - 4m_{100}^{(21)}m_{111}^{(22)}m_{320}^{(21)}$$
$$+4m_{100}^{(21)}m_{111}^{(22)}m_{311}^{(11)} + 4m_{100}^{(21)}m_{111}^{(22)}m_{230}^{(20)} - 4m_{100}^{(21)}m_{111}^{(22)}m_{221}^{(10)} - 2m_{100}^{(21)}m_{102}^{(10)}m_{221}^{(21)}$$
$$+2m_{100}^{(21)}m_{102}^{(10)}m_{212}^{(11)} + 2m_{100}^{(21)}m_{102}^{(10)}m_{131}^{(20)} - 2m_{100}^{(21)}m_{102}^{(10)}m_{122}^{(10)} + 2m_{100}^{(21)}m_{102}^{(11)}m_{311}^{(21)}$$
$$-2m_{100}^{(21)}m_{102}^{(11)}m_{221}^{(20)} - 2m_{100}^{(21)}m_{102}^{(11)}m_{212}^{(10)} + 2m_{100}^{(21)}m_{102}^{(11)}m_{122}^{(00)} + 2m_{100}^{(21)}m_{102}^{(20)}m_{230}^{(21)}$$
$$-2m_{100}^{(21)}m_{102}^{(20)}m_{221}^{(11)} - 2m_{100}^{(21)}m_{102}^{(20)}m_{140}^{(20)} + 2m_{100}^{(21)}m_{102}^{(20)}m_{131}^{(10)} - 2m_{100}^{(21)}m_{102}^{(21)}m_{320}^{(21)}$$
$$-2m_{100}^{(21)}m_{102}^{(21)}m_{311}^{(11)} + 2m_{100}^{(21)}m_{102}^{(21)}m_{230}^{(20)} + 6m_{100}^{(21)}m_{102}^{(21)}m_{221}^{(10)} - 4m_{100}^{(21)}m_{102}^{(21)}m_{131}^{(00)}$$
$$+2m_{100}^{(21)}m_{102}^{(22)}m_{320}^{(11)} - 4m_{100}^{(21)}m_{102}^{(22)}m_{230}^{(10)} + 2m_{100}^{(21)}m_{102}^{(22)}m_{140}^{(00)} - 2m_{100}^{(21)}m_{021}^{(10)}m_{311}^{(22)}$$
$$+2m_{100}^{(21)}m_{021}^{(10)}m_{302}^{(21)} + 2m_{100}^{(21)}m_{021}^{(10)}m_{212}^{(20)} - 2m_{100}^{(21)}m_{021}^{(10)}m_{203}^{(10)} + 2m_{100}^{(21)}m_{021}^{(11)}m_{401}^{(22)}$$
$$-4m_{100}^{(21)}m_{021}^{(11)}m_{302}^{(20)} + 2m_{100}^{(21)}m_{021}^{(11)}m_{203}^{(00)} + 2m_{100}^{(21)}m_{021}^{(20)}m_{320}^{(22)} - 2m_{100}^{(21)}m_{021}^{(20)}m_{311}^{(21)}$$
$$-2m_{100}^{(21)}m_{021}^{(20)}m_{221}^{(20)} + 2m_{100}^{(21)}m_{021}^{(20)}m_{212}^{(10)} - 2m_{100}^{(21)}m_{021}^{(21)}m_{410}^{(22)} - 2m_{100}^{(21)}m_{021}^{(21)}m_{401}^{(21)}$$
$$+6m_{100}^{(21)}m_{021}^{(21)}m_{311}^{(20)} + 2m_{100}^{(21)}m_{021}^{(21)}m_{302}^{(10)} - 4m_{100}^{(21)}m_{021}^{(21)}m_{212}^{(00)} + 2m_{100}^{(21)}m_{021}^{(22)}m_{410}^{(21)}$$
$$-2m_{100}^{(21)}m_{021}^{(22)}m_{320}^{(20)} - 2m_{100}^{(21)}m_{021}^{(22)}m_{311}^{(10)} + 2m_{100}^{(21)}m_{021}^{(22)}m_{221}^{(00)} + 2m_{100}^{(21)}m_{012}^{(10)}m_{311}^{(21)}$$
$$-2m_{100}^{(21)}m_{012}^{(10)}m_{302}^{(11)} - 2m_{100}^{(21)}m_{012}^{(10)}m_{221}^{(20)} + 2m_{100}^{(21)}m_{012}^{(10)}m_{212}^{(10)} - 2m_{100}^{(21)}m_{012}^{(11)}m_{401}^{(21)}$$
$$+2m_{100}^{(21)}m_{012}^{(11)}m_{311}^{(20)} + 2m_{100}^{(21)}m_{012}^{(11)}m_{302}^{(10)} - 2m_{100}^{(21)}m_{012}^{(11)}m_{212}^{(00)} - 2m_{100}^{(21)}m_{012}^{(20)}m_{320}^{(21)}$$
$$+2m_{100}^{(21)}m_{012}^{(20)}m_{311}^{(11)} + 2m_{100}^{(21)}m_{012}^{(20)}m_{230}^{(20)} - 2m_{100}^{(21)}m_{012}^{(20)}m_{221}^{(10)} + 2m_{100}^{(21)}m_{012}^{(21)}m_{410}^{(21)}$$
$$+2m_{100}^{(21)}m_{012}^{(21)}m_{401}^{(11)} - 2m_{100}^{(21)}m_{012}^{(21)}m_{320}^{(20)} - 6m_{100}^{(21)}m_{012}^{(21)}m_{311}^{(10)} + 4m_{100}^{(21)}m_{012}^{(21)}m_{221}^{(00)}$$
$$-2m_{100}^{(21)}m_{012}^{(22)}m_{410}^{(11)} + 4m_{100}^{(21)}m_{012}^{(22)}m_{320}^{(10)} - 2m_{100}^{(21)}m_{012}^{(22)}m_{230}^{(00)} - m_{100}^{(22)}m_{300}^{(10)}m_{041}^{(22)}$$
$$+2m_{100}^{(22)}m_{300}^{(10)}m_{032}^{(21)} - m_{100}^{(22)}m_{300}^{(10)}m_{023}^{(11)} + m_{100}^{(22)}m_{300}^{(11)}m_{131}^{(22)} - m_{100}^{(22)}m_{300}^{(11)}m_{122}^{(21)}$$
$$-m_{100}^{(22)}m_{300}^{(11)}m_{032}^{(20)} + m_{100}^{(22)}m_{300}^{(11)}m_{023}^{(10)} + m_{100}^{(22)}m_{300}^{(20)}m_{050}^{(22)} - 2m_{100}^{(22)}m_{300}^{(20)}m_{041}^{(21)}$$
$$+m_{100}^{(22)}m_{300}^{(20)}m_{032}^{(11)} - m_{100}^{(22)}m_{300}^{(21)}m_{140}^{(22)} + m_{100}^{(22)}m_{300}^{(21)}m_{122}^{(11)} + 2m_{100}^{(22)}m_{300}^{(21)}m_{041}^{(20)}$$
$$-2m_{100}^{(22)}m_{300}^{(21)}m_{032}^{(10)} + m_{100}^{(22)}m_{300}^{(22)}m_{140}^{(21)} - m_{100}^{(22)}m_{300}^{(22)}m_{131}^{(11)} - m_{100}^{(22)}m_{300}^{(22)}m_{050}^{(20)}$$
$$+m_{100}^{(22)}m_{300}^{(22)}m_{041}^{(10)} + 3m_{100}^{(22)}m_{210}^{(10)}m_{131}^{(22)} - 5m_{100}^{(22)}m_{210}^{(10)}m_{122}^{(21)} + 2m_{100}^{(22)}m_{210}^{(10)}m_{113}^{(11)}$$
$$-m_{100}^{(22)}m_{210}^{(10)}m_{032}^{(20)} + m_{100}^{(22)}m_{210}^{(10)}m_{023}^{(10)} - 3m_{100}^{(22)}m_{210}^{(11)}m_{221}^{(22)} + 2m_{100}^{(22)}m_{210}^{(11)}m_{212}^{(21)}$$
$$+4m_{100}^{(22)}m_{210}^{(11)}m_{122}^{(20)} - 2m_{100}^{(22)}m_{210}^{(11)}m_{113}^{(10)} - m_{100}^{(22)}m_{210}^{(11)}m_{023}^{(00)} - 3m_{100}^{(22)}m_{210}^{(20)}m_{140}^{(22)}$$
$$+5m_{100}^{(22)}m_{210}^{(20)}m_{131}^{(21)} - 2m_{100}^{(22)}m_{210}^{(20)}m_{122}^{(11)} + m_{100}^{(22)}m_{210}^{(20)}m_{041}^{(20)} - m_{100}^{(22)}m_{210}^{(20)}m_{032}^{(10)}$$
$$+3m_{100}^{(22)}m_{210}^{(21)}m_{230}^{(22)} + m_{100}^{(22)}m_{210}^{(21)}m_{221}^{(21)} - 2m_{100}^{(22)}m_{210}^{(21)}m_{212}^{(11)} - 7m_{100}^{(22)}m_{210}^{(21)}m_{131}^{(20)}$$
$$+3m_{100}^{(22)}m_{210}^{(21)}m_{122}^{(10)} + 2m_{100}^{(22)}m_{210}^{(21)}m_{032}^{(00)} - 3m_{100}^{(22)}m_{210}^{(22)}m_{230}^{(21)} + 2m_{100}^{(22)}m_{210}^{(22)}m_{221}^{(11)}$$
$$+3m_{100}^{(22)}m_{210}^{(22)}m_{140}^{(20)} - m_{100}^{(22)}m_{210}^{(22)}m_{131}^{(10)} - m_{100}^{(22)}m_{210}^{(22)}m_{041}^{(00)} - m_{100}^{(22)}m_{201}^{(10)}m_{131}^{(21)}$$
$$+m_{100}^{(22)}m_{201}^{(10)}m_{122}^{(11)} + m_{100}^{(22)}m_{201}^{(10)}m_{041}^{(20)} - m_{100}^{(22)}m_{201}^{(10)}m_{032}^{(10)} + m_{100}^{(22)}m_{201}^{(11)}m_{221}^{(21)}$$
$$-m_{100}^{(22)}m_{201}^{(11)}m_{131}^{(20)} - m_{100}^{(22)}m_{201}^{(11)}m_{122}^{(10)} + m_{100}^{(22)}m_{201}^{(11)}m_{032}^{(00)} + m_{100}^{(22)}m_{201}^{(20)}m_{140}^{(21)}$$
$$-m_{100}^{(22)}m_{201}^{(20)}m_{131}^{(11)} - m_{100}^{(22)}m_{201}^{(20)}m_{050}^{(20)} + m_{100}^{(22)}m_{201}^{(20)}m_{041}^{(10)} - m_{100}^{(22)}m_{201}^{(21)}m_{230}^{(21)}$$

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\begin{aligned}
&-m_{100}^{(22)}m_{201}^{(21)}m_{221}^{(11)}+m_{100}^{(22)}m_{201}^{(21)}m_{140}^{(20)}+3m_{100}^{(22)}m_{201}^{(21)}m_{131}^{(10)}-2m_{100}^{(22)}m_{201}^{(21)}m_{041}^{(00)}\\
&+m_{100}^{(22)}m_{201}^{(22)}m_{230}^{(11)}-2m_{100}^{(22)}m_{201}^{(22)}m_{140}^{(10)}+m_{100}^{(22)}m_{201}^{(22)}m_{050}^{(00)}-3m_{100}^{(22)}m_{120}^{(10)}m_{221}^{(22)}\\
&+4m_{100}^{(22)}m_{120}^{(10)}m_{212}^{(21)}-m_{100}^{(22)}m_{120}^{(10)}m_{203}^{(11)}+2m_{100}^{(22)}m_{120}^{(10)}m_{122}^{(20)}-2m_{100}^{(22)}m_{120}^{(10)}m_{113}^{(10)}\\
&+3m_{100}^{(22)}m_{120}^{(11)}m_{311}^{(22)}-m_{100}^{(22)}m_{120}^{(11)}m_{302}^{(21)}-5m_{100}^{(22)}m_{120}^{(11)}m_{212}^{(20)}+m_{100}^{(22)}m_{120}^{(11)}m_{203}^{(10)}\\
&+2m_{100}^{(22)}m_{120}^{(11)}m_{113}^{(00)}+3m_{100}^{(22)}m_{120}^{(20)}m_{230}^{(22)}-4m_{100}^{(22)}m_{120}^{(20)}m_{221}^{(21)}+m_{100}^{(22)}m_{120}^{(20)}m_{212}^{(11)}\\
&-2m_{100}^{(22)}m_{120}^{(20)}m_{131}^{(20)}+2m_{100}^{(22)}m_{120}^{(20)}m_{122}^{(10)}-3m_{100}^{(22)}m_{120}^{(21)}m_{320}^{(22)}-2m_{100}^{(22)}m_{120}^{(21)}m_{311}^{(21)}\\
&+m_{100}^{(22)}m_{120}^{(21)}m_{302}^{(11)}+8m_{100}^{(22)}m_{120}^{(21)}m_{221}^{(20)}-4m_{100}^{(22)}m_{120}^{(21)}m_{122}^{(00)}+3m_{100}^{(22)}m_{120}^{(22)}m_{320}^{(21)}\\
&-m_{100}^{(22)}m_{120}^{(22)}m_{311}^{(11)}-3m_{100}^{(22)}m_{120}^{(22)}m_{230}^{(20)}-m_{100}^{(22)}m_{120}^{(22)}m_{221}^{(10)}+2m_{100}^{(22)}m_{120}^{(22)}m_{131}^{(00)}\\
&+2m_{100}^{(22)}m_{111}^{(10)}m_{221}^{(21)}-2m_{100}^{(22)}m_{111}^{(10)}m_{212}^{(11)}-2m_{100}^{(22)}m_{111}^{(10)}m_{131}^{(20)}+2m_{100}^{(22)}m_{111}^{(10)}m_{122}^{(10)}\\
&-2m_{100}^{(22)}m_{111}^{(11)}m_{311}^{(21)}+2m_{100}^{(22)}m_{111}^{(11)}m_{221}^{(20)}+2m_{100}^{(22)}m_{111}^{(11)}m_{212}^{(10)}-2m_{100}^{(22)}m_{111}^{(11)}m_{122}^{(00)}\\
&-2m_{100}^{(22)}m_{111}^{(20)}m_{230}^{(21)}+2m_{100}^{(22)}m_{111}^{(20)}m_{221}^{(11)}+2m_{100}^{(22)}m_{111}^{(20)}m_{140}^{(20)}-2m_{100}^{(22)}m_{111}^{(20)}m_{131}^{(10)}\\
&+2m_{100}^{(22)}m_{111}^{(21)}m_{320}^{(21)}+2m_{100}^{(22)}m_{111}^{(21)}m_{311}^{(11)}-2m_{100}^{(22)}m_{111}^{(21)}m_{230}^{(20)}-6m_{100}^{(22)}m_{111}^{(21)}m_{221}^{(10)}\\
&+4m_{100}^{(22)}m_{111}^{(21)}m_{131}^{(00)}-2m_{100}^{(22)}m_{111}^{(22)}m_{320}^{(11)}+4m_{100}^{(22)}m_{111}^{(22)}m_{230}^{(10)}-2m_{100}^{(22)}m_{111}^{(22)}m_{140}^{(00)}\\
&+m_{100}^{(22)}m_{030}^{(10)}m_{311}^{(22)}-m_{100}^{(22)}m_{030}^{(10)}m_{302}^{(21)}-m_{100}^{(22)}m_{030}^{(10)}m_{212}^{(20)}+m_{100}^{(22)}m_{030}^{(10)}m_{203}^{(10)}\\
&-m_{100}^{(22)}m_{030}^{(11)}m_{401}^{(22)}+2m_{100}^{(22)}m_{030}^{(11)}m_{302}^{(20)}-m_{100}^{(22)}m_{030}^{(11)}m_{203}^{(00)}-m_{100}^{(22)}m_{030}^{(20)}m_{320}^{(22)}\\
&+m_{100}^{(22)}m_{030}^{(20)}m_{311}^{(21)}+m_{100}^{(22)}m_{030}^{(20)}m_{221}^{(20)}-m_{100}^{(22)}m_{030}^{(20)}m_{212}^{(10)}+m_{100}^{(22)}m_{030}^{(21)}m_{410}^{(22)}\\
&+m_{100}^{(22)}m_{030}^{(21)}m_{401}^{(21)}-3m_{100}^{(22)}m_{030}^{(21)}m_{311}^{(20)}-m_{100}^{(22)}m_{030}^{(21)}m_{302}^{(10)}+2m_{100}^{(22)}m_{030}^{(21)}m_{212}^{(00)}\\
&-m_{100}^{(22)}m_{030}^{(22)}m_{410}^{(21)}+m_{100}^{(22)}m_{030}^{(22)}m_{320}^{(20)}+m_{100}^{(22)}m_{030}^{(22)}m_{311}^{(10)}-m_{100}^{(22)}m_{030}^{(22)}m_{221}^{(00)}\\
&-m_{100}^{(22)}m_{021}^{(10)}m_{311}^{(21)}+m_{100}^{(22)}m_{021}^{(10)}m_{302}^{(11)}+m_{100}^{(22)}m_{021}^{(10)}m_{221}^{(20)}-m_{100}^{(22)}m_{021}^{(10)}m_{212}^{(10)}\\
&+m_{100}^{(22)}m_{021}^{(11)}m_{401}^{(21)}-m_{100}^{(22)}m_{021}^{(11)}m_{311}^{(20)}-m_{100}^{(22)}m_{021}^{(11)}m_{302}^{(10)}+m_{100}^{(22)}m_{021}^{(11)}m_{212}^{(00)}\\
&+m_{100}^{(22)}m_{021}^{(20)}m_{320}^{(21)}-m_{100}^{(22)}m_{021}^{(20)}m_{311}^{(11)}-m_{100}^{(22)}m_{021}^{(20)}m_{230}^{(20)}+m_{100}^{(22)}m_{021}^{(20)}m_{221}^{(10)}\\
&-m_{100}^{(22)}m_{021}^{(21)}m_{410}^{(21)}-m_{100}^{(22)}m_{021}^{(21)}m_{401}^{(11)}+m_{100}^{(22)}m_{021}^{(21)}m_{320}^{(20)}+3m_{100}^{(22)}m_{021}^{(21)}m_{311}^{(10)}\\
&-2m_{100}^{(22)}m_{021}^{(21)}m_{221}^{(00)}+m_{100}^{(22)}m_{021}^{(22)}m_{410}^{(11)}-2m_{100}^{(22)}m_{021}^{(22)}m_{320}^{(10)}+m_{100}^{(22)}m_{021}^{(22)}m_{230}^{(00)}\\
&+m_{010}^{(00)}m_{120}^{(00)}m_{023}^{(22)}-2m_{010}^{(00)}m_{120}^{(00)}m_{014}^{(21)}+m_{010}^{(00)}m_{120}^{(00)}m_{005}^{(11)}-m_{010}^{(00)}m_{120}^{(10)}m_{113}^{(22)}\\
&+m_{010}^{(00)}m_{120}^{(10)}m_{104}^{(21)}+m_{010}^{(00)}m_{120}^{(10)}m_{014}^{(20)}-m_{010}^{(00)}m_{120}^{(10)}m_{005}^{(10)}-m_{010}^{(00)}m_{120}^{(20)}m_{122}^{(22)}\\
&+3m_{010}^{(00)}m_{120}^{(20)}m_{113}^{(21)}-2m_{010}^{(00)}m_{120}^{(20)}m_{104}^{(11)}-m_{010}^{(00)}m_{120}^{(20)}m_{023}^{(20)}+m_{010}^{(00)}m_{120}^{(20)}m_{014}^{(10)}\\
&+m_{010}^{(00)}m_{120}^{(21)}m_{212}^{(22)}-m_{010}^{(00)}m_{120}^{(21)}m_{203}^{(21)}-m_{010}^{(00)}m_{120}^{(21)}m_{113}^{(20)}+m_{010}^{(00)}m_{120}^{(21)}m_{104}^{(10)}\\
&-m_{010}^{(00)}m_{120}^{(22)}m_{212}^{(21)}+m_{010}^{(00)}m_{120}^{(22)}m_{203}^{(11)}+m_{010}^{(00)}m_{120}^{(22)}m_{122}^{(20)}-m_{010}^{(00)}m_{120}^{(22)}m_{113}^{(10)}\\
&-2m_{010}^{(00)}m_{111}^{(00)}m_{032}^{(22)}+4m_{010}^{(00)}m_{111}^{(00)}m_{023}^{(21)}-2m_{010}^{(00)}m_{111}^{(00)}m_{014}^{(11)}+2m_{010}^{(00)}m_{111}^{(10)}m_{122}^{(22)}\\
&-2m_{010}^{(00)}m_{111}^{(10)}m_{113}^{(21)}-2m_{010}^{(00)}m_{111}^{(10)}m_{023}^{(20)}+2m_{010}^{(00)}m_{111}^{(10)}m_{014}^{(10)}+2m_{010}^{(00)}m_{111}^{(20)}m_{131}^{(22)}\\
&-6m_{010}^{(00)}m_{111}^{(20)}m_{122}^{(21)}+4m_{010}^{(00)}m_{111}^{(20)}m_{113}^{(11)}+2m_{010}^{(00)}m_{111}^{(20)}m_{032}^{(20)}-2m_{010}^{(00)}m_{111}^{(20)}m_{023}^{(10)}\\
&-2m_{010}^{(00)}m_{111}^{(21)}m_{221}^{(22)}+2m_{010}^{(00)}m_{111}^{(21)}m_{212}^{(21)}+2m_{010}^{(00)}m_{111}^{(21)}m_{122}^{(20)}-2m_{010}^{(00)}m_{111}^{(21)}m_{113}^{(10)}\\
&+2m_{010}^{(00)}m_{111}^{(22)}m_{221}^{(21)}-2m_{010}^{(00)}m_{111}^{(22)}m_{212}^{(11)}-2m_{010}^{(00)}m_{111}^{(22)}m_{131}^{(20)}+2m_{010}^{(00)}m_{111}^{(22)}m_{122}^{(10)}\\
&+m_{010}^{(00)}m_{102}^{(00)}m_{041}^{(22)}-2m_{010}^{(00)}m_{102}^{(00)}m_{032}^{(21)}+m_{010}^{(00)}m_{102}^{(00)}m_{023}^{(11)}-m_{010}^{(00)}m_{102}^{(10)}m_{131}^{(22)}\\
&+m_{010}^{(00)}m_{102}^{(10)}m_{122}^{(21)}+m_{010}^{(00)}m_{102}^{(10)}m_{032}^{(20)}-m_{010}^{(00)}m_{102}^{(10)}m_{023}^{(10)}-m_{010}^{(00)}m_{102}^{(20)}m_{140}^{(22)}\\
&+3m_{010}^{(00)}m_{102}^{(20)}m_{131}^{(21)}-2m_{010}^{(00)}m_{102}^{(20)}m_{122}^{(11)}-m_{010}^{(00)}m_{102}^{(20)}m_{041}^{(20)}+m_{010}^{(00)}m_{102}^{(20)}m_{032}^{(10)}\\
&+m_{010}^{(00)}m_{102}^{(21)}m_{230}^{(22)}-m_{010}^{(00)}m_{102}^{(21)}m_{221}^{(21)}-m_{010}^{(00)}m_{102}^{(21)}m_{131}^{(20)}+m_{010}^{(00)}m_{102}^{(21)}m_{122}^{(10)}\\
&-m_{010}^{(00)}m_{102}^{(22)}m_{230}^{(21)}+m_{010}^{(00)}m_{102}^{(22)}m_{221}^{(11)}+m_{010}^{(00)}m_{102}^{(22)}m_{140}^{(20)}-m_{010}^{(00)}m_{102}^{(22)}m_{131}^{(10)}
\end{aligned}
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\begin{aligned}
&-m_{010}^{(00)}m_{030}^{(00)}m_{113}^{(22)}+m_{010}^{(00)}m_{030}^{(00)}m_{104}^{(21)}+m_{010}^{(00)}m_{030}^{(00)}m_{014}^{(20)}-m_{010}^{(00)}m_{030}^{(00)}m_{005}^{(10)}\\
&+m_{010}^{(00)}m_{030}^{(10)}m_{203}^{(22)}-2m_{010}^{(00)}m_{030}^{(10)}m_{104}^{(20)}+m_{010}^{(00)}m_{030}^{(10)}m_{005}^{(00)}+m_{010}^{(00)}m_{030}^{(20)}m_{212}^{(22)}\\
&-2m_{010}^{(00)}m_{030}^{(20)}m_{203}^{(21)}+2m_{010}^{(00)}m_{030}^{(20)}m_{104}^{(10)}-m_{010}^{(00)}m_{030}^{(20)}m_{014}^{(00)}-m_{010}^{(00)}m_{030}^{(21)}m_{302}^{(22)}\\
&+2m_{010}^{(00)}m_{030}^{(21)}m_{203}^{(20)}-m_{010}^{(00)}m_{030}^{(21)}m_{104}^{(00)}+m_{010}^{(00)}m_{030}^{(22)}m_{302}^{(21)}-m_{010}^{(00)}m_{030}^{(22)}m_{212}^{(20)}\\
&-m_{010}^{(00)}m_{030}^{(22)}m_{203}^{(10)}+m_{010}^{(00)}m_{030}^{(22)}m_{113}^{(00)}+2m_{010}^{(00)}m_{021}^{(00)}m_{122}^{(22)}-m_{010}^{(00)}m_{021}^{(00)}m_{113}^{(21)}\\
&-m_{010}^{(00)}m_{021}^{(00)}m_{104}^{(11)}-3m_{010}^{(00)}m_{021}^{(00)}m_{023}^{(20)}+3m_{010}^{(00)}m_{021}^{(00)}m_{014}^{(10)}-2m_{010}^{(00)}m_{021}^{(10)}m_{212}^{(22)}\\
&-m_{010}^{(00)}m_{021}^{(10)}m_{203}^{(21)}+5m_{010}^{(00)}m_{021}^{(10)}m_{113}^{(20)}+m_{010}^{(00)}m_{021}^{(10)}m_{104}^{(10)}-3m_{010}^{(00)}m_{021}^{(10)}m_{014}^{(00)}\\
&-2m_{010}^{(00)}m_{021}^{(20)}m_{221}^{(22)}+3m_{010}^{(00)}m_{021}^{(20)}m_{212}^{(21)}+2m_{010}^{(00)}m_{021}^{(20)}m_{203}^{(11)}+m_{010}^{(00)}m_{021}^{(20)}m_{122}^{(20)}\\
&-7m_{010}^{(00)}m_{021}^{(20)}m_{113}^{(10)}+3m_{010}^{(00)}m_{021}^{(20)}m_{023}^{(00)}+2m_{010}^{(00)}m_{021}^{(21)}m_{311}^{(22)}+m_{010}^{(00)}m_{021}^{(21)}m_{302}^{(21)}\\
&-5m_{010}^{(00)}m_{021}^{(21)}m_{212}^{(20)}-m_{010}^{(00)}m_{021}^{(21)}m_{203}^{(10)}+3m_{010}^{(00)}m_{021}^{(21)}m_{113}^{(00)}-2m_{010}^{(00)}m_{021}^{(22)}m_{311}^{(21)}\\
&-m_{010}^{(00)}m_{021}^{(22)}m_{302}^{(11)}+2m_{010}^{(00)}m_{021}^{(22)}m_{221}^{(20)}+4m_{010}^{(00)}m_{021}^{(22)}m_{212}^{(10)}-3m_{010}^{(00)}m_{021}^{(22)}m_{122}^{(00)}\\
&-m_{010}^{(00)}m_{012}^{(00)}m_{131}^{(22)}-m_{010}^{(00)}m_{012}^{(00)}m_{122}^{(21)}+2m_{010}^{(00)}m_{012}^{(00)}m_{113}^{(11)}+3m_{010}^{(00)}m_{012}^{(00)}m_{032}^{(20)}\\
&-3m_{010}^{(00)}m_{012}^{(00)}m_{023}^{(10)}+m_{010}^{(00)}m_{012}^{(10)}m_{221}^{(22)}+2m_{010}^{(00)}m_{012}^{(10)}m_{212}^{(21)}-4m_{010}^{(00)}m_{012}^{(10)}m_{122}^{(20)}\\
&-2m_{010}^{(00)}m_{012}^{(10)}m_{113}^{(10)}+3m_{010}^{(00)}m_{012}^{(10)}m_{023}^{(00)}+m_{010}^{(00)}m_{012}^{(20)}m_{230}^{(22)}-4m_{010}^{(00)}m_{012}^{(20)}m_{212}^{(11)}\\
&-2m_{010}^{(00)}m_{012}^{(20)}m_{131}^{(20)}+8m_{010}^{(00)}m_{012}^{(20)}m_{122}^{(10)}-3m_{010}^{(00)}m_{012}^{(20)}m_{032}^{(00)}-m_{010}^{(00)}m_{012}^{(21)}m_{320}^{(22)}\\
&-2m_{010}^{(00)}m_{012}^{(21)}m_{311}^{(21)}+4m_{010}^{(00)}m_{012}^{(21)}m_{221}^{(20)}+2m_{010}^{(00)}m_{012}^{(21)}m_{212}^{(10)}-3m_{010}^{(00)}m_{012}^{(21)}m_{122}^{(00)}\\
&+m_{010}^{(00)}m_{012}^{(22)}m_{320}^{(21)}+2m_{010}^{(00)}m_{012}^{(22)}m_{311}^{(11)}-m_{010}^{(00)}m_{012}^{(22)}m_{230}^{(20)}-5m_{010}^{(00)}m_{012}^{(22)}m_{221}^{(10)}\\
&+3m_{010}^{(00)}m_{012}^{(22)}m_{131}^{(00)}+m_{010}^{(00)}m_{003}^{(00)}m_{131}^{(21)}-m_{010}^{(00)}m_{003}^{(00)}m_{122}^{(11)}-m_{010}^{(00)}m_{003}^{(00)}m_{041}^{(20)}\\
&+m_{010}^{(00)}m_{003}^{(00)}m_{032}^{(10)}-m_{010}^{(00)}m_{003}^{(10)}m_{221}^{(21)}+m_{010}^{(00)}m_{003}^{(10)}m_{131}^{(20)}+m_{010}^{(00)}m_{003}^{(10)}m_{122}^{(10)}\\
&-m_{010}^{(00)}m_{003}^{(10)}m_{032}^{(00)}-m_{010}^{(00)}m_{003}^{(20)}m_{230}^{(21)}+2m_{010}^{(00)}m_{003}^{(20)}m_{221}^{(11)}+m_{010}^{(00)}m_{003}^{(20)}m_{140}^{(20)}\\
&-3m_{010}^{(00)}m_{003}^{(20)}m_{131}^{(10)}+m_{010}^{(00)}m_{003}^{(20)}m_{041}^{(00)}+m_{010}^{(00)}m_{003}^{(21)}m_{320}^{(21)}-m_{010}^{(00)}m_{003}^{(21)}m_{230}^{(20)}\\
&-m_{010}^{(00)}m_{003}^{(21)}m_{221}^{(10)}+m_{010}^{(00)}m_{003}^{(21)}m_{131}^{(00)}-m_{010}^{(00)}m_{003}^{(22)}m_{320}^{(11)}+2m_{010}^{(00)}m_{003}^{(22)}m_{230}^{(10)}\\
&-m_{010}^{(00)}m_{003}^{(22)}m_{140}^{(00)}-2m_{010}^{(10)}m_{210}^{(00)}m_{023}^{(22)}+4m_{010}^{(10)}m_{210}^{(00)}m_{014}^{(21)}-2m_{010}^{(10)}m_{210}^{(00)}m_{005}^{(11)}\\
&+2m_{010}^{(10)}m_{210}^{(10)}m_{113}^{(22)}-2m_{010}^{(10)}m_{210}^{(10)}m_{104}^{(21)}-2m_{010}^{(10)}m_{210}^{(10)}m_{014}^{(20)}+2m_{010}^{(10)}m_{210}^{(10)}m_{005}^{(10)}\\
&+2m_{010}^{(10)}m_{210}^{(20)}m_{122}^{(22)}-6m_{010}^{(10)}m_{210}^{(20)}m_{113}^{(21)}+4m_{010}^{(10)}m_{210}^{(20)}m_{104}^{(11)}+2m_{010}^{(10)}m_{210}^{(20)}m_{023}^{(20)}\\
&-2m_{010}^{(10)}m_{210}^{(20)}m_{014}^{(10)}-2m_{010}^{(10)}m_{210}^{(21)}m_{212}^{(22)}+2m_{010}^{(10)}m_{210}^{(21)}m_{203}^{(21)}+2m_{010}^{(10)}m_{210}^{(21)}m_{113}^{(20)}\\
&-2m_{010}^{(10)}m_{210}^{(21)}m_{104}^{(10)}+2m_{010}^{(10)}m_{210}^{(22)}m_{212}^{(21)}-2m_{010}^{(10)}m_{210}^{(22)}m_{203}^{(11)}-2m_{010}^{(10)}m_{210}^{(22)}m_{122}^{(20)}\\
&+2m_{010}^{(10)}m_{210}^{(22)}m_{113}^{(10)}+2m_{010}^{(10)}m_{201}^{(00)}m_{032}^{(22)}-4m_{010}^{(10)}m_{201}^{(00)}m_{023}^{(21)}+2m_{010}^{(10)}m_{201}^{(00)}m_{014}^{(11)}\\
&-2m_{010}^{(10)}m_{201}^{(10)}m_{122}^{(22)}+2m_{010}^{(10)}m_{201}^{(10)}m_{113}^{(21)}+2m_{010}^{(10)}m_{201}^{(10)}m_{023}^{(20)}-2m_{010}^{(10)}m_{201}^{(10)}m_{014}^{(10)}\\
&-2m_{010}^{(10)}m_{201}^{(20)}m_{131}^{(22)}+6m_{010}^{(10)}m_{201}^{(20)}m_{122}^{(21)}-4m_{010}^{(10)}m_{201}^{(20)}m_{113}^{(11)}-2m_{010}^{(10)}m_{201}^{(20)}m_{032}^{(20)}\\
&+2m_{010}^{(10)}m_{201}^{(20)}m_{023}^{(10)}+2m_{010}^{(10)}m_{201}^{(21)}m_{221}^{(22)}-2m_{010}^{(10)}m_{201}^{(21)}m_{212}^{(21)}-2m_{010}^{(10)}m_{201}^{(21)}m_{122}^{(20)}\\
&+2m_{010}^{(10)}m_{201}^{(21)}m_{113}^{(10)}-2m_{010}^{(10)}m_{201}^{(22)}m_{221}^{(21)}+2m_{010}^{(10)}m_{201}^{(22)}m_{212}^{(11)}+2m_{010}^{(10)}m_{201}^{(22)}m_{131}^{(20)}\\
&-2m_{010}^{(10)}m_{201}^{(22)}m_{122}^{(10)}+2m_{010}^{(10)}m_{120}^{(00)}m_{113}^{(22)}-2m_{010}^{(10)}m_{120}^{(00)}m_{104}^{(21)}-2m_{010}^{(10)}m_{120}^{(00)}m_{014}^{(20)}\\
&+2m_{010}^{(10)}m_{120}^{(00)}m_{005}^{(10)}-2m_{010}^{(10)}m_{120}^{(10)}m_{203}^{(22)}+4m_{010}^{(10)}m_{120}^{(10)}m_{104}^{(20)}-2m_{010}^{(10)}m_{120}^{(10)}m_{005}^{(00)}\\
&-2m_{010}^{(10)}m_{120}^{(20)}m_{212}^{(22)}+4m_{010}^{(10)}m_{120}^{(20)}m_{203}^{(21)}-4m_{010}^{(10)}m_{120}^{(20)}m_{104}^{(10)}+2m_{010}^{(10)}m_{120}^{(20)}m_{014}^{(00)}\\
&+2m_{010}^{(10)}m_{120}^{(21)}m_{302}^{(22)}-4m_{010}^{(10)}m_{120}^{(21)}m_{203}^{(20)}+2m_{010}^{(10)}m_{120}^{(21)}m_{104}^{(00)}-2m_{010}^{(10)}m_{120}^{(22)}m_{302}^{(21)}\\
&+2m_{010}^{(10)}m_{120}^{(22)}m_{212}^{(20)}+2m_{010}^{(10)}m_{120}^{(22)}m_{203}^{(10)}-2m_{010}^{(10)}m_{120}^{(22)}m_{113}^{(00)}-4m_{010}^{(10)}m_{111}^{(00)}m_{113}^{(21)}\\
&+4m_{010}^{(10)}m_{111}^{(00)}m_{104}^{(11)}+4m_{010}^{(10)}m_{111}^{(00)}m_{023}^{(20)}-4m_{010}^{(10)}m_{111}^{(00)}m_{014}^{(10)}+4m_{010}^{(10)}m_{111}^{(10)}m_{203}^{(21)}
\end{aligned}
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\begin{aligned}
&-4m_{010}^{(10)}m_{111}^{(10)}m_{113}^{(20)} - 4m_{010}^{(10)}m_{111}^{(10)}m_{104}^{(10)} + 4m_{010}^{(10)}m_{111}^{(10)}m_{014}^{(00)} + 4m_{010}^{(10)}m_{111}^{(20)}m_{212}^{(21)}\\
&-8m_{010}^{(10)}m_{111}^{(20)}m_{203}^{(11)} - 4m_{010}^{(10)}m_{111}^{(20)}m_{122}^{(20)} + 12m_{010}^{(10)}m_{111}^{(20)}m_{113}^{(10)} - 4m_{010}^{(10)}m_{111}^{(20)}m_{023}^{(00)}\\
&-4m_{010}^{(10)}m_{111}^{(21)}m_{302}^{(21)} + 4m_{010}^{(10)}m_{111}^{(21)}m_{212}^{(20)} + 4m_{010}^{(10)}m_{111}^{(21)}m_{203}^{(10)} - 4m_{010}^{(10)}m_{111}^{(21)}m_{113}^{(00)}\\
&+4m_{010}^{(10)}m_{111}^{(22)}m_{302}^{(11)} - 8m_{010}^{(10)}m_{111}^{(22)}m_{212}^{(10)} + 4m_{010}^{(10)}m_{111}^{(22)}m_{122}^{(00)} - 2m_{010}^{(10)}m_{102}^{(00)}m_{131}^{(22)}\\
&+6m_{010}^{(10)}m_{102}^{(00)}m_{122}^{(21)} - 4m_{010}^{(10)}m_{102}^{(00)}m_{113}^{(11)} - 2m_{010}^{(10)}m_{102}^{(00)}m_{032}^{(20)} + 2m_{010}^{(10)}m_{102}^{(00)}m_{023}^{(10)}\\
&+2m_{010}^{(10)}m_{102}^{(10)}m_{221}^{(22)} - 4m_{010}^{(10)}m_{102}^{(10)}m_{212}^{(21)} + 4m_{010}^{(10)}m_{102}^{(10)}m_{113}^{(10)} - 2m_{010}^{(10)}m_{102}^{(10)}m_{023}^{(00)}\\
&+2m_{010}^{(10)}m_{102}^{(20)}m_{230}^{(22)} - 8m_{010}^{(10)}m_{102}^{(20)}m_{221}^{(21)} + 8m_{010}^{(10)}m_{102}^{(20)}m_{212}^{(11)} + 4m_{010}^{(10)}m_{102}^{(20)}m_{131}^{(20)}\\
&-8m_{010}^{(10)}m_{102}^{(20)}m_{122}^{(10)} + 2m_{010}^{(10)}m_{102}^{(20)}m_{032}^{(00)} - 2m_{010}^{(10)}m_{102}^{(21)}m_{320}^{(22)} + 4m_{010}^{(10)}m_{102}^{(21)}m_{311}^{(21)}\\
&-4m_{010}^{(10)}m_{102}^{(21)}m_{212}^{(10)} + 2m_{010}^{(10)}m_{102}^{(21)}m_{122}^{(00)} + 2m_{010}^{(10)}m_{102}^{(22)}m_{320}^{(21)} - 4m_{010}^{(10)}m_{102}^{(22)}m_{311}^{(11)}\\
&-2m_{010}^{(10)}m_{102}^{(22)}m_{230}^{(20)} + 6m_{010}^{(10)}m_{102}^{(22)}m_{221}^{(10)} - 2m_{010}^{(10)}m_{102}^{(22)}m_{131}^{(00)} - 2m_{010}^{(10)}m_{021}^{(00)}m_{212}^{(22)}\\
&+2m_{010}^{(10)}m_{021}^{(00)}m_{203}^{(21)} + 2m_{010}^{(10)}m_{021}^{(00)}m_{113}^{(20)} - 2m_{010}^{(10)}m_{021}^{(00)}m_{104}^{(10)} + 2m_{010}^{(10)}m_{021}^{(10)}m_{302}^{(22)}\\
&-4m_{010}^{(10)}m_{021}^{(10)}m_{203}^{(20)} + 2m_{010}^{(10)}m_{021}^{(10)}m_{104}^{(00)} + 2m_{010}^{(10)}m_{021}^{(20)}m_{311}^{(22)} - 4m_{010}^{(10)}m_{021}^{(20)}m_{302}^{(21)}\\
&+4m_{010}^{(10)}m_{021}^{(20)}m_{203}^{(10)} - 2m_{010}^{(10)}m_{021}^{(20)}m_{113}^{(00)} - 2m_{010}^{(10)}m_{021}^{(21)}m_{401}^{(22)} + 4m_{010}^{(10)}m_{021}^{(21)}m_{302}^{(20)}\\
&-2m_{010}^{(10)}m_{021}^{(21)}m_{203}^{(00)} + 2m_{010}^{(10)}m_{021}^{(22)}m_{401}^{(21)} - 2m_{010}^{(10)}m_{021}^{(22)}m_{311}^{(20)} - 2m_{010}^{(10)}m_{021}^{(22)}m_{302}^{(10)}\\
&+2m_{010}^{(10)}m_{021}^{(22)}m_{212}^{(00)} + 2m_{010}^{(10)}m_{012}^{(00)}m_{221}^{(22)} - 2m_{010}^{(10)}m_{012}^{(00)}m_{203}^{(11)} - 4m_{010}^{(10)}m_{012}^{(00)}m_{122}^{(20)}\\
&+4m_{010}^{(10)}m_{012}^{(00)}m_{113}^{(10)} - 2m_{010}^{(10)}m_{012}^{(10)}m_{311}^{(22)} - 2m_{010}^{(10)}m_{012}^{(10)}m_{302}^{(21)} + 6m_{010}^{(10)}m_{012}^{(10)}m_{212}^{(20)}\\
&+2m_{010}^{(10)}m_{012}^{(10)}m_{203}^{(10)} - 4m_{010}^{(10)}m_{012}^{(10)}m_{113}^{(00)} - 2m_{010}^{(10)}m_{012}^{(20)}m_{320}^{(22)} + 2m_{010}^{(10)}m_{012}^{(20)}m_{311}^{(21)}\\
&+4m_{010}^{(10)}m_{012}^{(20)}m_{302}^{(11)} + 2m_{010}^{(10)}m_{012}^{(20)}m_{221}^{(20)} - 10m_{010}^{(10)}m_{012}^{(20)}m_{212}^{(10)} + 4m_{010}^{(10)}m_{012}^{(20)}m_{122}^{(00)}\\
&+2m_{010}^{(10)}m_{012}^{(21)}m_{410}^{(22)} + 2m_{010}^{(10)}m_{012}^{(21)}m_{401}^{(21)} - 6m_{010}^{(10)}m_{012}^{(21)}m_{311}^{(20)} - 2m_{010}^{(10)}m_{012}^{(21)}m_{302}^{(10)}\\
&+4m_{010}^{(10)}m_{012}^{(21)}m_{212}^{(00)} - 2m_{010}^{(10)}m_{012}^{(22)}m_{410}^{(21)} - 2m_{010}^{(10)}m_{012}^{(22)}m_{401}^{(11)} + 2m_{010}^{(10)}m_{012}^{(22)}m_{320}^{(20)}\\
&+6m_{010}^{(10)}m_{012}^{(22)}m_{311}^{(10)} - 4m_{010}^{(10)}m_{012}^{(22)}m_{221}^{(00)} - 2m_{010}^{(10)}m_{003}^{(00)}m_{221}^{(21)} + 2m_{010}^{(10)}m_{003}^{(00)}m_{212}^{(11)}\\
&+2m_{010}^{(10)}m_{003}^{(00)}m_{131}^{(20)} - 2m_{010}^{(10)}m_{003}^{(00)}m_{122}^{(10)} + 2m_{010}^{(10)}m_{003}^{(10)}m_{311}^{(21)} - 2m_{010}^{(10)}m_{003}^{(10)}m_{221}^{(20)}\\
&-2m_{010}^{(10)}m_{003}^{(10)}m_{212}^{(10)} + 2m_{010}^{(10)}m_{003}^{(10)}m_{122}^{(00)} + 2m_{010}^{(10)}m_{003}^{(20)}m_{320}^{(21)} - 4m_{010}^{(10)}m_{003}^{(20)}m_{311}^{(11)}\\
&-2m_{010}^{(10)}m_{003}^{(20)}m_{230}^{(20)} + 6m_{010}^{(10)}m_{003}^{(20)}m_{221}^{(10)} - 2m_{010}^{(10)}m_{003}^{(20)}m_{131}^{(00)} - 2m_{010}^{(10)}m_{003}^{(21)}m_{410}^{(21)}\\
&+2m_{010}^{(10)}m_{003}^{(21)}m_{320}^{(20)} + 2m_{010}^{(10)}m_{003}^{(21)}m_{311}^{(10)} - 2m_{010}^{(10)}m_{003}^{(21)}m_{221}^{(00)} + 2m_{010}^{(10)}m_{003}^{(22)}m_{410}^{(11)}\\
&-4m_{010}^{(10)}m_{003}^{(22)}m_{320}^{(10)} + 2m_{010}^{(10)}m_{003}^{(22)}m_{230}^{(00)} + m_{010}^{(11)}m_{300}^{(00)}m_{023}^{(22)} - 2m_{010}^{(11)}m_{300}^{(00)}m_{014}^{(21)}\\
&+m_{010}^{(11)}m_{300}^{(00)}m_{005}^{(11)} - m_{010}^{(11)}m_{300}^{(10)}m_{113}^{(22)} + m_{010}^{(11)}m_{300}^{(10)}m_{104}^{(21)} + m_{010}^{(11)}m_{300}^{(10)}m_{014}^{(20)}\\
&-m_{010}^{(11)}m_{300}^{(10)}m_{005}^{(10)} - m_{010}^{(11)}m_{300}^{(20)}m_{122}^{(22)} + 3m_{010}^{(11)}m_{300}^{(20)}m_{113}^{(21)} - 2m_{010}^{(11)}m_{300}^{(20)}m_{104}^{(11)}\\
&-m_{010}^{(11)}m_{300}^{(20)}m_{023}^{(20)} + m_{010}^{(11)}m_{300}^{(20)}m_{014}^{(10)} + m_{010}^{(11)}m_{300}^{(21)}m_{212}^{(22)} - m_{010}^{(11)}m_{300}^{(21)}m_{203}^{(21)}\\
&-m_{010}^{(11)}m_{300}^{(21)}m_{113}^{(20)} + m_{010}^{(11)}m_{300}^{(21)}m_{104}^{(10)} - m_{010}^{(11)}m_{300}^{(22)}m_{212}^{(21)} + m_{010}^{(11)}m_{300}^{(22)}m_{203}^{(11)}\\
&+m_{010}^{(11)}m_{300}^{(22)}m_{122}^{(20)} - m_{010}^{(11)}m_{300}^{(22)}m_{113}^{(10)} - m_{010}^{(11)}m_{210}^{(00)}m_{113}^{(22)} + m_{010}^{(11)}m_{210}^{(00)}m_{104}^{(21)}\\
&+m_{010}^{(11)}m_{210}^{(00)}m_{014}^{(20)} - m_{010}^{(11)}m_{210}^{(00)}m_{005}^{(10)} + m_{010}^{(11)}m_{210}^{(10)}m_{203}^{(22)} - 2m_{010}^{(11)}m_{210}^{(10)}m_{104}^{(20)}\\
&+m_{010}^{(11)}m_{210}^{(10)}m_{005}^{(00)} + m_{010}^{(11)}m_{210}^{(20)}m_{212}^{(22)} - 2m_{010}^{(11)}m_{210}^{(20)}m_{203}^{(21)} + 2m_{010}^{(11)}m_{210}^{(20)}m_{104}^{(10)}\\
&-m_{010}^{(11)}m_{210}^{(20)}m_{014}^{(00)} - m_{010}^{(11)}m_{210}^{(21)}m_{302}^{(22)} + 2m_{010}^{(11)}m_{210}^{(21)}m_{203}^{(20)} - m_{010}^{(11)}m_{210}^{(21)}m_{104}^{(00)}\\
&+m_{010}^{(11)}m_{210}^{(22)}m_{302}^{(21)} - m_{010}^{(11)}m_{210}^{(22)}m_{212}^{(20)} - m_{010}^{(11)}m_{210}^{(22)}m_{203}^{(10)} + m_{010}^{(11)}m_{210}^{(22)}m_{113}^{(00)}\\
&-2m_{010}^{(11)}m_{201}^{(00)}m_{122}^{(22)} + 5m_{010}^{(11)}m_{201}^{(00)}m_{113}^{(21)} - 3m_{010}^{(11)}m_{201}^{(00)}m_{104}^{(11)} - m_{010}^{(11)}m_{201}^{(00)}m_{023}^{(20)}\\
&+m_{010}^{(11)}m_{201}^{(00)}m_{014}^{(10)} + 2m_{010}^{(11)}m_{201}^{(10)}m_{212}^{(22)} - 3m_{010}^{(11)}m_{201}^{(10)}m_{203}^{(21)} - m_{010}^{(11)}m_{201}^{(10)}m_{113}^{(20)}\\
&+3m_{010}^{(11)}m_{201}^{(10)}m_{104}^{(10)} - m_{010}^{(11)}m_{201}^{(10)}m_{014}^{(00)} + 2m_{010}^{(11)}m_{201}^{(20)}m_{221}^{(22)} - 7m_{010}^{(11)}m_{201}^{(20)}m_{212}^{(21)}
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\begin{aligned}
&+6m_{010}^{(11)}m_{201}^{(20)}m_{203}^{(11)}+3m_{010}^{(11)}m_{201}^{(20)}m_{122}^{(20)}-5m_{010}^{(11)}m_{201}^{(20)}m_{113}^{(10)}+m_{010}^{(11)}m_{201}^{(20)}m_{023}^{(00)}\\
&-2m_{010}^{(11)}m_{201}^{(21)}m_{311}^{(22)}+3m_{010}^{(11)}m_{201}^{(21)}m_{302}^{(21)}+m_{010}^{(11)}m_{201}^{(21)}m_{212}^{(20)}-3m_{010}^{(11)}m_{201}^{(21)}m_{203}^{(10)}\\
&+m_{010}^{(11)}m_{201}^{(21)}m_{113}^{(00)}+2m_{010}^{(11)}m_{201}^{(22)}m_{311}^{(21)}-3m_{010}^{(11)}m_{201}^{(22)}m_{302}^{(11)}-2m_{010}^{(11)}m_{201}^{(22)}m_{221}^{(20)}\\
&+4m_{010}^{(11)}m_{201}^{(22)}m_{212}^{(10)}-m_{010}^{(11)}m_{201}^{(22)}m_{122}^{(00)}+2m_{010}^{(11)}m_{111}^{(00)}m_{212}^{(22)}-2m_{010}^{(11)}m_{111}^{(00)}m_{203}^{(21)}\\
&-2m_{010}^{(11)}m_{111}^{(00)}m_{113}^{(20)}+2m_{010}^{(11)}m_{111}^{(00)}m_{104}^{(10)}-2m_{010}^{(11)}m_{111}^{(10)}m_{302}^{(22)}+4m_{010}^{(11)}m_{111}^{(10)}m_{203}^{(20)}\\
&-2m_{010}^{(11)}m_{111}^{(10)}m_{104}^{(00)}-2m_{010}^{(11)}m_{111}^{(20)}m_{311}^{(22)}+4m_{010}^{(11)}m_{111}^{(20)}m_{302}^{(21)}-4m_{010}^{(11)}m_{111}^{(20)}m_{203}^{(10)}\\
&+2m_{010}^{(11)}m_{111}^{(20)}m_{113}^{(00)}+2m_{010}^{(11)}m_{111}^{(21)}m_{401}^{(22)}-4m_{010}^{(11)}m_{111}^{(21)}m_{302}^{(20)}+2m_{010}^{(11)}m_{111}^{(21)}m_{203}^{(00)}\\
&-2m_{010}^{(11)}m_{111}^{(22)}m_{401}^{(21)}+2m_{010}^{(11)}m_{111}^{(22)}m_{311}^{(20)}+2m_{010}^{(11)}m_{111}^{(22)}m_{302}^{(10)}-2m_{010}^{(11)}m_{111}^{(22)}m_{212}^{(00)}\\
&+m_{010}^{(11)}m_{102}^{(00)}m_{221}^{(22)}-4m_{010}^{(11)}m_{102}^{(00)}m_{212}^{(21)}+3m_{010}^{(11)}m_{102}^{(00)}m_{203}^{(11)}+2m_{010}^{(11)}m_{102}^{(00)}m_{122}^{(20)}\\
&-2m_{010}^{(11)}m_{102}^{(00)}m_{113}^{(10)}-m_{010}^{(11)}m_{102}^{(10)}m_{311}^{(22)}+3m_{010}^{(11)}m_{102}^{(10)}m_{302}^{(21)}-m_{010}^{(11)}m_{102}^{(10)}m_{212}^{(20)}\\
&-3m_{010}^{(11)}m_{102}^{(10)}m_{203}^{(10)}+2m_{010}^{(11)}m_{102}^{(10)}m_{113}^{(00)}-m_{010}^{(11)}m_{102}^{(20)}m_{320}^{(22)}+5m_{010}^{(11)}m_{102}^{(20)}m_{311}^{(21)}\\
&-6m_{010}^{(11)}m_{102}^{(20)}m_{302}^{(11)}-3m_{010}^{(11)}m_{102}^{(20)}m_{221}^{(20)}+7m_{010}^{(11)}m_{102}^{(20)}m_{212}^{(10)}-2m_{010}^{(11)}m_{102}^{(20)}m_{122}^{(00)}\\
&+m_{010}^{(11)}m_{102}^{(21)}m_{410}^{(22)}-3m_{010}^{(11)}m_{102}^{(21)}m_{401}^{(21)}+m_{010}^{(11)}m_{102}^{(21)}m_{311}^{(20)}+3m_{010}^{(11)}m_{102}^{(21)}m_{302}^{(10)}\\
&-2m_{010}^{(11)}m_{102}^{(21)}m_{212}^{(00)}-m_{010}^{(11)}m_{102}^{(22)}m_{410}^{(21)}+3m_{010}^{(11)}m_{102}^{(22)}m_{401}^{(11)}+m_{010}^{(11)}m_{102}^{(22)}m_{320}^{(20)}\\
&-5m_{010}^{(11)}m_{102}^{(22)}m_{311}^{(10)}+2m_{010}^{(11)}m_{102}^{(22)}m_{221}^{(00)}-m_{010}^{(11)}m_{012}^{(00)}m_{311}^{(22)}+m_{010}^{(11)}m_{012}^{(00)}m_{302}^{(21)}\\
&+m_{010}^{(11)}m_{012}^{(00)}m_{212}^{(20)}-m_{010}^{(11)}m_{012}^{(00)}m_{203}^{(10)}+m_{010}^{(11)}m_{012}^{(10)}m_{401}^{(22)}-2m_{010}^{(11)}m_{012}^{(10)}m_{302}^{(20)}\\
&+m_{010}^{(11)}m_{012}^{(10)}m_{203}^{(00)}+m_{010}^{(11)}m_{012}^{(20)}m_{410}^{(22)}-2m_{010}^{(11)}m_{012}^{(20)}m_{401}^{(21)}+2m_{010}^{(11)}m_{012}^{(20)}m_{302}^{(10)}\\
&-m_{010}^{(11)}m_{012}^{(20)}m_{212}^{(00)}-m_{010}^{(11)}m_{012}^{(21)}m_{500}^{(22)}+2m_{010}^{(11)}m_{012}^{(21)}m_{401}^{(20)}-m_{010}^{(11)}m_{012}^{(21)}m_{302}^{(00)}\\
&+m_{010}^{(11)}m_{012}^{(22)}m_{500}^{(21)}-m_{010}^{(11)}m_{012}^{(22)}m_{410}^{(20)}-m_{010}^{(11)}m_{012}^{(22)}m_{401}^{(10)}+m_{010}^{(11)}m_{012}^{(22)}m_{311}^{(00)}\\
&+m_{010}^{(11)}m_{003}^{(00)}m_{311}^{(21)}-m_{010}^{(11)}m_{003}^{(00)}m_{302}^{(11)}-m_{010}^{(11)}m_{003}^{(00)}m_{221}^{(20)}+m_{010}^{(11)}m_{003}^{(00)}m_{212}^{(10)}\\
&-m_{010}^{(11)}m_{003}^{(10)}m_{401}^{(21)}+m_{010}^{(11)}m_{003}^{(10)}m_{311}^{(20)}+m_{010}^{(11)}m_{003}^{(10)}m_{302}^{(10)}-m_{010}^{(11)}m_{003}^{(10)}m_{212}^{(00)}\\
&-m_{010}^{(11)}m_{003}^{(20)}m_{410}^{(21)}+2m_{010}^{(11)}m_{003}^{(20)}m_{401}^{(11)}+m_{010}^{(11)}m_{003}^{(20)}m_{320}^{(20)}-3m_{010}^{(11)}m_{003}^{(20)}m_{311}^{(10)}\\
&+m_{010}^{(11)}m_{003}^{(20)}m_{221}^{(00)}+m_{010}^{(11)}m_{003}^{(21)}m_{500}^{(21)}-m_{010}^{(11)}m_{003}^{(21)}m_{410}^{(20)}-m_{010}^{(11)}m_{003}^{(21)}m_{401}^{(10)}\\
&+m_{010}^{(11)}m_{003}^{(21)}m_{311}^{(00)}-m_{010}^{(11)}m_{003}^{(22)}m_{500}^{(11)}+2m_{010}^{(11)}m_{003}^{(22)}m_{410}^{(10)}-m_{010}^{(11)}m_{003}^{(22)}m_{320}^{(00)}\\
&+2m_{010}^{(20)}m_{210}^{(00)}m_{032}^{(22)}-4m_{010}^{(20)}m_{210}^{(00)}m_{023}^{(21)}+2m_{010}^{(20)}m_{210}^{(00)}m_{014}^{(11)}-2m_{010}^{(20)}m_{210}^{(10)}m_{122}^{(22)}\\
&+2m_{010}^{(20)}m_{210}^{(10)}m_{113}^{(21)}+2m_{010}^{(20)}m_{210}^{(10)}m_{023}^{(20)}-2m_{010}^{(20)}m_{210}^{(10)}m_{014}^{(10)}-2m_{010}^{(20)}m_{210}^{(20)}m_{131}^{(22)}\\
&+6m_{010}^{(20)}m_{210}^{(20)}m_{122}^{(21)}-4m_{010}^{(20)}m_{210}^{(20)}m_{113}^{(11)}-2m_{010}^{(20)}m_{210}^{(20)}m_{032}^{(20)}+2m_{010}^{(20)}m_{210}^{(20)}m_{023}^{(10)}\\
&+2m_{010}^{(20)}m_{210}^{(21)}m_{221}^{(22)}-2m_{010}^{(20)}m_{210}^{(21)}m_{212}^{(21)}-2m_{010}^{(20)}m_{210}^{(21)}m_{122}^{(20)}+2m_{010}^{(20)}m_{210}^{(21)}m_{113}^{(10)}\\
&-2m_{010}^{(20)}m_{210}^{(22)}m_{221}^{(21)}+2m_{010}^{(20)}m_{210}^{(22)}m_{212}^{(11)}+2m_{010}^{(20)}m_{210}^{(22)}m_{131}^{(20)}-2m_{010}^{(20)}m_{210}^{(22)}m_{122}^{(10)}\\
&-2m_{010}^{(20)}m_{201}^{(00)}m_{041}^{(22)}+4m_{010}^{(20)}m_{201}^{(00)}m_{032}^{(21)}-2m_{010}^{(20)}m_{201}^{(00)}m_{023}^{(11)}+2m_{010}^{(20)}m_{201}^{(10)}m_{131}^{(22)}\\
&-2m_{010}^{(20)}m_{201}^{(10)}m_{122}^{(21)}-2m_{010}^{(20)}m_{201}^{(10)}m_{032}^{(20)}+2m_{010}^{(20)}m_{201}^{(10)}m_{023}^{(10)}+2m_{010}^{(20)}m_{201}^{(20)}m_{140}^{(22)}\\
&-6m_{010}^{(20)}m_{201}^{(20)}m_{131}^{(21)}+4m_{010}^{(20)}m_{201}^{(20)}m_{122}^{(11)}+2m_{010}^{(20)}m_{201}^{(20)}m_{041}^{(20)}-2m_{010}^{(20)}m_{201}^{(20)}m_{032}^{(10)}\\
&-2m_{010}^{(20)}m_{201}^{(21)}m_{230}^{(22)}+2m_{010}^{(20)}m_{201}^{(21)}m_{221}^{(21)}+2m_{010}^{(20)}m_{201}^{(21)}m_{131}^{(20)}-2m_{010}^{(20)}m_{201}^{(21)}m_{122}^{(10)}\\
&+2m_{010}^{(20)}m_{201}^{(22)}m_{230}^{(21)}-2m_{010}^{(20)}m_{201}^{(22)}m_{221}^{(11)}-2m_{010}^{(20)}m_{201}^{(22)}m_{140}^{(20)}+2m_{010}^{(20)}m_{201}^{(22)}m_{131}^{(10)}\\
&-4m_{010}^{(20)}m_{120}^{(00)}m_{122}^{(22)}+6m_{010}^{(20)}m_{120}^{(00)}m_{113}^{(21)}-2m_{010}^{(20)}m_{120}^{(00)}m_{104}^{(11)}+2m_{010}^{(20)}m_{120}^{(00)}m_{023}^{(20)}\\
&-2m_{010}^{(20)}m_{120}^{(00)}m_{014}^{(10)}+4m_{010}^{(20)}m_{120}^{(10)}m_{212}^{(22)}-2m_{010}^{(20)}m_{120}^{(10)}m_{203}^{(21)}-6m_{010}^{(20)}m_{120}^{(10)}m_{113}^{(20)}\\
&+2m_{010}^{(20)}m_{120}^{(10)}m_{104}^{(10)}+2m_{010}^{(20)}m_{120}^{(10)}m_{014}^{(00)}+4m_{010}^{(20)}m_{120}^{(20)}m_{221}^{(22)}-10m_{010}^{(20)}m_{120}^{(20)}m_{212}^{(21)}\\
&+4m_{010}^{(20)}m_{120}^{(20)}m_{203}^{(11)}+2m_{010}^{(20)}m_{120}^{(20)}m_{122}^{(20)}+2m_{010}^{(20)}m_{120}^{(20)}m_{113}^{(10)}-2m_{010}^{(20)}m_{120}^{(20)}m_{023}^{(00)}
\end{aligned}
$$

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\begin{aligned}
&-4m_{010}^{(20)}m_{120}^{(21)}m_{311}^{(22)} + 2m_{010}^{(20)}m_{120}^{(21)}m_{302}^{(21)} + 6m_{010}^{(20)}m_{120}^{(21)}m_{212}^{(20)} - 2m_{010}^{(20)}m_{120}^{(21)}m_{203}^{(10)}\\
&-2m_{010}^{(20)}m_{120}^{(21)}m_{113}^{(00)} + 4m_{010}^{(20)}m_{120}^{(22)}m_{311}^{(21)} - 2m_{010}^{(20)}m_{120}^{(22)}m_{302}^{(11)} - 4m_{010}^{(20)}m_{120}^{(22)}m_{221}^{(20)}\\
&+2m_{010}^{(20)}m_{120}^{(22)}m_{122}^{(00)} + 4m_{010}^{(20)}m_{111}^{(00)}m_{131}^{(22)} - 4m_{010}^{(20)}m_{111}^{(00)}m_{122}^{(21)} - 4m_{010}^{(20)}m_{111}^{(00)}m_{032}^{(20)}\\
&+4m_{010}^{(20)}m_{111}^{(00)}m_{023}^{(10)} - 4m_{010}^{(20)}m_{111}^{(10)}m_{221}^{(22)} + 8m_{010}^{(20)}m_{111}^{(10)}m_{122}^{(20)} - 4m_{010}^{(20)}m_{111}^{(10)}m_{023}^{(00)}\\
&-4m_{010}^{(20)}m_{111}^{(20)}m_{230}^{(22)} + 8m_{010}^{(20)}m_{111}^{(20)}m_{221}^{(21)} - 8m_{010}^{(20)}m_{111}^{(20)}m_{122}^{(10)} + 4m_{010}^{(20)}m_{111}^{(20)}m_{032}^{(00)}\\
&+4m_{010}^{(20)}m_{111}^{(21)}m_{320}^{(22)} - 8m_{010}^{(20)}m_{111}^{(21)}m_{221}^{(20)} + 4m_{010}^{(20)}m_{111}^{(21)}m_{122}^{(00)} - 4m_{010}^{(20)}m_{111}^{(22)}m_{320}^{(21)}\\
&+4m_{010}^{(20)}m_{111}^{(22)}m_{230}^{(20)} + 4m_{010}^{(20)}m_{111}^{(22)}m_{221}^{(10)} - 4m_{010}^{(20)}m_{111}^{(22)}m_{131}^{(00)} - 2m_{010}^{(20)}m_{102}^{(00)}m_{131}^{(21)}\\
&+2m_{010}^{(20)}m_{102}^{(00)}m_{122}^{(11)} + 2m_{010}^{(20)}m_{102}^{(00)}m_{041}^{(20)} - 2m_{010}^{(20)}m_{102}^{(00)}m_{032}^{(10)} + 2m_{010}^{(20)}m_{102}^{(10)}m_{221}^{(21)}\\
&-2m_{010}^{(20)}m_{102}^{(10)}m_{131}^{(20)} - 2m_{010}^{(20)}m_{102}^{(10)}m_{122}^{(10)} + 2m_{010}^{(20)}m_{102}^{(10)}m_{032}^{(00)} + 2m_{010}^{(20)}m_{102}^{(20)}m_{230}^{(21)}\\
&-4m_{010}^{(20)}m_{102}^{(20)}m_{221}^{(11)} - 2m_{010}^{(20)}m_{102}^{(20)}m_{140}^{(20)} + 6m_{010}^{(20)}m_{102}^{(20)}m_{131}^{(10)} - 2m_{010}^{(20)}m_{102}^{(20)}m_{041}^{(00)}\\
&-2m_{010}^{(20)}m_{102}^{(21)}m_{320}^{(21)} + 2m_{010}^{(20)}m_{102}^{(21)}m_{230}^{(20)} + 2m_{010}^{(20)}m_{102}^{(21)}m_{221}^{(10)} - 2m_{010}^{(20)}m_{102}^{(21)}m_{131}^{(00)}\\
&+2m_{010}^{(20)}m_{102}^{(22)}m_{320}^{(11)} - 4m_{010}^{(20)}m_{102}^{(22)}m_{230}^{(10)} + 2m_{010}^{(20)}m_{102}^{(22)}m_{140}^{(00)} + 2m_{010}^{(20)}m_{030}^{(00)}m_{212}^{(22)}\\
&-2m_{010}^{(20)}m_{030}^{(00)}m_{203}^{(21)} - 2m_{010}^{(20)}m_{030}^{(00)}m_{113}^{(20)} + 2m_{010}^{(20)}m_{030}^{(00)}m_{104}^{(10)} - 2m_{010}^{(20)}m_{030}^{(10)}m_{302}^{(22)}\\
&+4m_{010}^{(20)}m_{030}^{(10)}m_{203}^{(20)} - 2m_{010}^{(20)}m_{030}^{(10)}m_{104}^{(00)} - 2m_{010}^{(20)}m_{030}^{(20)}m_{311}^{(22)} + 4m_{010}^{(20)}m_{030}^{(20)}m_{302}^{(21)}\\
&-4m_{010}^{(20)}m_{030}^{(20)}m_{203}^{(10)} + 2m_{010}^{(20)}m_{030}^{(20)}m_{113}^{(00)} + 2m_{010}^{(20)}m_{030}^{(21)}m_{401}^{(22)} - 4m_{010}^{(20)}m_{030}^{(21)}m_{302}^{(20)}\\
&+2m_{010}^{(20)}m_{030}^{(21)}m_{203}^{(00)} - 2m_{010}^{(20)}m_{030}^{(22)}m_{401}^{(21)} + 2m_{010}^{(20)}m_{030}^{(22)}m_{311}^{(20)} + 2m_{010}^{(20)}m_{030}^{(22)}m_{302}^{(10)}\\
&-2m_{010}^{(20)}m_{030}^{(22)}m_{212}^{(00)} - 2m_{010}^{(20)}m_{021}^{(00)}m_{221}^{(22)} + 2m_{010}^{(20)}m_{021}^{(00)}m_{203}^{(11)} + 4m_{010}^{(20)}m_{021}^{(00)}m_{122}^{(20)}\\
&-4m_{010}^{(20)}m_{021}^{(00)}m_{113}^{(10)} + 2m_{010}^{(20)}m_{021}^{(10)}m_{311}^{(22)} + 2m_{010}^{(20)}m_{021}^{(10)}m_{302}^{(21)} - 6m_{010}^{(20)}m_{021}^{(10)}m_{212}^{(20)}\\
&-2m_{010}^{(20)}m_{021}^{(10)}m_{203}^{(10)} + 4m_{010}^{(20)}m_{021}^{(10)}m_{113}^{(00)} + 2m_{010}^{(20)}m_{021}^{(20)}m_{320}^{(22)} - 2m_{010}^{(20)}m_{021}^{(20)}m_{311}^{(21)}\\
&-4m_{010}^{(20)}m_{021}^{(20)}m_{302}^{(11)} - 2m_{010}^{(20)}m_{021}^{(20)}m_{221}^{(20)} + 10m_{010}^{(20)}m_{021}^{(20)}m_{212}^{(10)} - 4m_{010}^{(20)}m_{021}^{(20)}m_{122}^{(00)}\\
&-2m_{010}^{(20)}m_{021}^{(21)}m_{410}^{(22)} - 2m_{010}^{(20)}m_{021}^{(21)}m_{401}^{(21)} + 6m_{010}^{(20)}m_{021}^{(21)}m_{311}^{(20)} + 2m_{010}^{(20)}m_{021}^{(21)}m_{302}^{(10)}\\
&-4m_{010}^{(20)}m_{021}^{(21)}m_{212}^{(00)} + 2m_{010}^{(20)}m_{021}^{(22)}m_{410}^{(21)} + 2m_{010}^{(20)}m_{021}^{(22)}m_{401}^{(11)} - 2m_{010}^{(20)}m_{021}^{(22)}m_{320}^{(20)}\\
&-6m_{010}^{(20)}m_{021}^{(22)}m_{311}^{(10)} + 4m_{010}^{(20)}m_{021}^{(22)}m_{221}^{(00)} + 2m_{010}^{(20)}m_{012}^{(00)}m_{221}^{(21)} - 2m_{010}^{(20)}m_{012}^{(00)}m_{212}^{(11)}\\
&-2m_{010}^{(20)}m_{012}^{(00)}m_{131}^{(20)} + 2m_{010}^{(20)}m_{012}^{(00)}m_{122}^{(10)} - 2m_{010}^{(20)}m_{012}^{(10)}m_{311}^{(21)} + 2m_{010}^{(20)}m_{012}^{(10)}m_{221}^{(20)}\\
&+2m_{010}^{(20)}m_{012}^{(10)}m_{212}^{(10)} - 2m_{010}^{(20)}m_{012}^{(10)}m_{122}^{(00)} - 2m_{010}^{(20)}m_{012}^{(20)}m_{320}^{(21)} + 4m_{010}^{(20)}m_{012}^{(20)}m_{311}^{(11)}\\
&+2m_{010}^{(20)}m_{012}^{(20)}m_{230}^{(20)} - 6m_{010}^{(20)}m_{012}^{(20)}m_{221}^{(10)} + 2m_{010}^{(20)}m_{012}^{(20)}m_{131}^{(00)} + 2m_{010}^{(20)}m_{012}^{(21)}m_{410}^{(21)}\\
&-2m_{010}^{(20)}m_{012}^{(21)}m_{320}^{(20)} - 2m_{010}^{(20)}m_{012}^{(21)}m_{311}^{(10)} + 2m_{010}^{(20)}m_{012}^{(21)}m_{221}^{(00)} - 2m_{010}^{(20)}m_{012}^{(22)}m_{410}^{(11)}\\
&+4m_{010}^{(20)}m_{012}^{(22)}m_{320}^{(10)} - 2m_{010}^{(20)}m_{012}^{(22)}m_{230}^{(00)} - 2m_{010}^{(21)}m_{300}^{(00)}m_{032}^{(22)} + 4m_{010}^{(21)}m_{300}^{(00)}m_{023}^{(21)}\\
&-2m_{010}^{(21)}m_{300}^{(00)}m_{014}^{(11)} + 2m_{010}^{(21)}m_{300}^{(10)}m_{122}^{(22)} - 2m_{010}^{(21)}m_{300}^{(10)}m_{113}^{(21)} - 2m_{010}^{(21)}m_{300}^{(10)}m_{023}^{(20)}\\
&+2m_{010}^{(21)}m_{300}^{(10)}m_{014}^{(10)} + 2m_{010}^{(21)}m_{300}^{(20)}m_{131}^{(22)} - 6m_{010}^{(21)}m_{300}^{(20)}m_{122}^{(21)} + 4m_{010}^{(21)}m_{300}^{(20)}m_{113}^{(11)}\\
&+2m_{010}^{(21)}m_{300}^{(20)}m_{032}^{(20)} - 2m_{010}^{(21)}m_{300}^{(20)}m_{023}^{(10)} - 2m_{010}^{(21)}m_{300}^{(21)}m_{221}^{(22)} + 2m_{010}^{(21)}m_{300}^{(21)}m_{212}^{(21)}\\
&+2m_{010}^{(21)}m_{300}^{(21)}m_{122}^{(20)} - 2m_{010}^{(21)}m_{300}^{(21)}m_{113}^{(10)} + 2m_{010}^{(21)}m_{300}^{(22)}m_{221}^{(21)} - 2m_{010}^{(21)}m_{300}^{(22)}m_{212}^{(11)}\\
&-2m_{010}^{(21)}m_{300}^{(22)}m_{131}^{(20)} + 2m_{010}^{(21)}m_{300}^{(22)}m_{122}^{(10)} + 4m_{010}^{(21)}m_{210}^{(00)}m_{122}^{(22)} - 6m_{010}^{(21)}m_{210}^{(00)}m_{113}^{(21)}\\
&+2m_{010}^{(21)}m_{210}^{(00)}m_{104}^{(11)} - 2m_{010}^{(21)}m_{210}^{(00)}m_{023}^{(20)} + 2m_{010}^{(21)}m_{210}^{(00)}m_{014}^{(10)} - 4m_{010}^{(21)}m_{210}^{(10)}m_{212}^{(22)}\\
&+2m_{010}^{(21)}m_{210}^{(10)}m_{203}^{(21)} + 6m_{010}^{(21)}m_{210}^{(10)}m_{113}^{(20)} - 2m_{010}^{(21)}m_{210}^{(10)}m_{104}^{(10)} - 2m_{010}^{(21)}m_{210}^{(10)}m_{014}^{(00)}\\
&-4m_{010}^{(21)}m_{210}^{(20)}m_{221}^{(22)} + 10m_{010}^{(21)}m_{210}^{(20)}m_{212}^{(21)} - 4m_{010}^{(21)}m_{210}^{(20)}m_{203}^{(11)} - 2m_{010}^{(21)}m_{210}^{(20)}m_{122}^{(20)}\\
&-2m_{010}^{(21)}m_{210}^{(20)}m_{113}^{(10)} + 2m_{010}^{(21)}m_{210}^{(20)}m_{023}^{(00)} + 4m_{010}^{(21)}m_{210}^{(21)}m_{311}^{(22)} - 2m_{010}^{(21)}m_{210}^{(21)}m_{302}^{(21)}\\
&-6m_{010}^{(21)}m_{210}^{(21)}m_{212}^{(20)} + 2m_{010}^{(21)}m_{210}^{(21)}m_{203}^{(10)} + 2m_{010}^{(21)}m_{210}^{(21)}m_{113}^{(00)} - 4m_{010}^{(21)}m_{210}^{(22)}m_{311}^{(21)}
\end{aligned}
$$

$$+2m_{010}^{(21)}m_{210}^{(22)}m_{302}^{(11)}+4m_{010}^{(21)}m_{210}^{(22)}m_{221}^{(20)}-2m_{010}^{(21)}m_{210}^{(22)}m_{122}^{(00)}+2m_{010}^{(21)}m_{201}^{(00)}m_{131}^{(22)}$$
$$-6m_{010}^{(21)}m_{201}^{(00)}m_{122}^{(21)}+4m_{010}^{(21)}m_{201}^{(00)}m_{113}^{(11)}+2m_{010}^{(21)}m_{201}^{(00)}m_{032}^{(20)}-2m_{010}^{(21)}m_{201}^{(00)}m_{023}^{(10)}$$
$$-2m_{010}^{(21)}m_{201}^{(10)}m_{221}^{(22)}+4m_{010}^{(21)}m_{201}^{(10)}m_{212}^{(21)}-4m_{010}^{(21)}m_{201}^{(10)}m_{113}^{(10)}+2m_{010}^{(21)}m_{201}^{(10)}m_{023}^{(00)}$$
$$-2m_{010}^{(21)}m_{201}^{(20)}m_{230}^{(22)}+8m_{010}^{(21)}m_{201}^{(20)}m_{221}^{(21)}-8m_{010}^{(21)}m_{201}^{(20)}m_{212}^{(11)}-4m_{010}^{(21)}m_{201}^{(20)}m_{131}^{(20)}$$
$$+8m_{010}^{(21)}m_{201}^{(20)}m_{122}^{(10)}-2m_{010}^{(21)}m_{201}^{(20)}m_{032}^{(00)}+2m_{010}^{(21)}m_{201}^{(21)}m_{320}^{(22)}-4m_{010}^{(21)}m_{201}^{(21)}m_{311}^{(21)}$$
$$+4m_{010}^{(21)}m_{201}^{(21)}m_{212}^{(10)}-2m_{010}^{(21)}m_{201}^{(21)}m_{122}^{(00)}-2m_{010}^{(21)}m_{201}^{(22)}m_{320}^{(21)}+4m_{010}^{(21)}m_{201}^{(22)}m_{311}^{(11)}$$
$$+2m_{010}^{(21)}m_{201}^{(22)}m_{230}^{(20)}-6m_{010}^{(21)}m_{201}^{(22)}m_{221}^{(10)}+2m_{010}^{(21)}m_{201}^{(22)}m_{131}^{(00)}-2m_{010}^{(21)}m_{120}^{(00)}m_{212}^{(22)}$$
$$+2m_{010}^{(21)}m_{120}^{(00)}m_{203}^{(21)}+2m_{010}^{(21)}m_{120}^{(00)}m_{113}^{(20)}-2m_{010}^{(21)}m_{120}^{(00)}m_{104}^{(10)}+2m_{010}^{(21)}m_{120}^{(10)}m_{302}^{(22)}$$
$$-4m_{010}^{(21)}m_{120}^{(10)}m_{203}^{(20)}+2m_{010}^{(21)}m_{120}^{(10)}m_{104}^{(00)}+2m_{010}^{(21)}m_{120}^{(20)}m_{311}^{(22)}-4m_{010}^{(21)}m_{120}^{(20)}m_{302}^{(21)}$$
$$+4m_{010}^{(21)}m_{120}^{(20)}m_{203}^{(10)}-2m_{010}^{(21)}m_{120}^{(20)}m_{113}^{(00)}-2m_{010}^{(21)}m_{120}^{(21)}m_{401}^{(22)}+4m_{010}^{(21)}m_{120}^{(21)}m_{302}^{(20)}$$
$$-2m_{010}^{(21)}m_{120}^{(21)}m_{203}^{(00)}+2m_{010}^{(21)}m_{120}^{(22)}m_{401}^{(21)}-2m_{010}^{(21)}m_{120}^{(22)}m_{311}^{(20)}-2m_{010}^{(21)}m_{120}^{(22)}m_{302}^{(10)}$$
$$+2m_{010}^{(21)}m_{120}^{(22)}m_{212}^{(00)}-4m_{010}^{(21)}m_{111}^{(00)}m_{221}^{(22)}+8m_{010}^{(21)}m_{111}^{(00)}m_{212}^{(21)}-4m_{010}^{(21)}m_{111}^{(00)}m_{203}^{(11)}$$
$$+4m_{010}^{(21)}m_{111}^{(10)}m_{311}^{(22)}-4m_{010}^{(21)}m_{111}^{(10)}m_{302}^{(21)}-4m_{010}^{(21)}m_{111}^{(10)}m_{212}^{(20)}+4m_{010}^{(21)}m_{111}^{(10)}m_{203}^{(10)}$$
$$+4m_{010}^{(21)}m_{111}^{(20)}m_{320}^{(22)}-12m_{010}^{(21)}m_{111}^{(20)}m_{311}^{(21)}+8m_{010}^{(21)}m_{111}^{(20)}m_{302}^{(11)}+4m_{010}^{(21)}m_{111}^{(20)}m_{221}^{(20)}$$
$$-4m_{010}^{(21)}m_{111}^{(20)}m_{212}^{(10)}-4m_{010}^{(21)}m_{111}^{(21)}m_{410}^{(22)}+4m_{010}^{(21)}m_{111}^{(21)}m_{401}^{(21)}+4m_{010}^{(21)}m_{111}^{(21)}m_{311}^{(20)}$$
$$-4m_{010}^{(21)}m_{111}^{(21)}m_{302}^{(10)}+4m_{010}^{(21)}m_{111}^{(22)}m_{410}^{(21)}-4m_{010}^{(21)}m_{111}^{(22)}m_{401}^{(11)}-4m_{010}^{(21)}m_{111}^{(22)}m_{320}^{(20)}$$
$$+4m_{010}^{(21)}m_{111}^{(22)}m_{311}^{(10)}+2m_{010}^{(21)}m_{102}^{(00)}m_{221}^{(21)}-2m_{010}^{(21)}m_{102}^{(00)}m_{212}^{(11)}-2m_{010}^{(21)}m_{102}^{(00)}m_{131}^{(20)}$$
$$+2m_{010}^{(21)}m_{102}^{(00)}m_{122}^{(10)}-2m_{010}^{(21)}m_{102}^{(10)}m_{311}^{(21)}+2m_{010}^{(21)}m_{102}^{(10)}m_{221}^{(20)}+2m_{010}^{(21)}m_{102}^{(10)}m_{212}^{(10)}$$
$$-2m_{010}^{(21)}m_{102}^{(10)}m_{122}^{(00)}-2m_{010}^{(21)}m_{102}^{(20)}m_{320}^{(21)}+4m_{010}^{(21)}m_{102}^{(20)}m_{311}^{(11)}+2m_{010}^{(21)}m_{102}^{(20)}m_{230}^{(20)}$$
$$-6m_{010}^{(21)}m_{102}^{(20)}m_{221}^{(10)}+2m_{010}^{(21)}m_{102}^{(20)}m_{131}^{(00)}+2m_{010}^{(21)}m_{102}^{(21)}m_{410}^{(21)}-2m_{010}^{(21)}m_{102}^{(21)}m_{320}^{(20)}$$
$$-2m_{010}^{(21)}m_{102}^{(21)}m_{311}^{(10)}+2m_{010}^{(21)}m_{102}^{(21)}m_{221}^{(00)}-2m_{010}^{(21)}m_{102}^{(22)}m_{410}^{(11)}+4m_{010}^{(21)}m_{102}^{(22)}m_{320}^{(10)}$$
$$-2m_{010}^{(21)}m_{102}^{(22)}m_{230}^{(00)}+2m_{010}^{(21)}m_{021}^{(00)}m_{311}^{(22)}-2m_{010}^{(21)}m_{021}^{(00)}m_{302}^{(21)}-2m_{010}^{(21)}m_{021}^{(00)}m_{212}^{(20)}$$
$$+2m_{010}^{(21)}m_{021}^{(00)}m_{203}^{(10)}-2m_{010}^{(21)}m_{021}^{(10)}m_{401}^{(22)}+4m_{010}^{(21)}m_{021}^{(10)}m_{302}^{(20)}-2m_{010}^{(21)}m_{021}^{(10)}m_{203}^{(00)}$$
$$-2m_{010}^{(21)}m_{021}^{(20)}m_{410}^{(22)}+4m_{010}^{(21)}m_{021}^{(20)}m_{401}^{(21)}-4m_{010}^{(21)}m_{021}^{(20)}m_{302}^{(10)}+2m_{010}^{(21)}m_{021}^{(20)}m_{212}^{(00)}$$
$$+2m_{010}^{(21)}m_{021}^{(21)}m_{500}^{(22)}-4m_{010}^{(21)}m_{021}^{(21)}m_{401}^{(20)}+2m_{010}^{(21)}m_{021}^{(21)}m_{302}^{(00)}-2m_{010}^{(21)}m_{021}^{(22)}m_{500}^{(21)}$$
$$+2m_{010}^{(21)}m_{021}^{(22)}m_{410}^{(20)}+2m_{010}^{(21)}m_{021}^{(22)}m_{401}^{(10)}-2m_{010}^{(21)}m_{021}^{(22)}m_{311}^{(00)}-2m_{010}^{(21)}m_{012}^{(00)}m_{311}^{(21)}$$
$$+2m_{010}^{(21)}m_{012}^{(00)}m_{302}^{(11)}+2m_{010}^{(21)}m_{012}^{(00)}m_{221}^{(20)}-2m_{010}^{(21)}m_{012}^{(00)}m_{212}^{(10)}+2m_{010}^{(21)}m_{012}^{(10)}m_{401}^{(21)}$$
$$-2m_{010}^{(21)}m_{012}^{(10)}m_{311}^{(20)}-2m_{010}^{(21)}m_{012}^{(10)}m_{302}^{(10)}+2m_{010}^{(21)}m_{012}^{(10)}m_{212}^{(00)}+2m_{010}^{(21)}m_{012}^{(20)}m_{410}^{(21)}$$
$$-4m_{010}^{(21)}m_{012}^{(20)}m_{401}^{(11)}-2m_{010}^{(21)}m_{012}^{(20)}m_{320}^{(20)}+6m_{010}^{(21)}m_{012}^{(20)}m_{311}^{(10)}-2m_{010}^{(21)}m_{012}^{(20)}m_{221}^{(00)}$$
$$-2m_{010}^{(21)}m_{012}^{(21)}m_{500}^{(21)}+2m_{010}^{(21)}m_{012}^{(21)}m_{410}^{(20)}+2m_{010}^{(21)}m_{012}^{(21)}m_{401}^{(10)}-2m_{010}^{(21)}m_{012}^{(21)}m_{311}^{(00)}$$
$$+2m_{010}^{(21)}m_{012}^{(22)}m_{500}^{(11)}-4m_{010}^{(21)}m_{012}^{(22)}m_{410}^{(10)}+2m_{010}^{(21)}m_{012}^{(22)}m_{320}^{(00)}+m_{010}^{(22)}m_{300}^{(00)}m_{041}^{(22)}$$
$$-2m_{010}^{(22)}m_{300}^{(00)}m_{032}^{(21)}+m_{010}^{(22)}m_{300}^{(00)}m_{023}^{(11)}-m_{010}^{(22)}m_{300}^{(10)}m_{131}^{(22)}+m_{010}^{(22)}m_{300}^{(10)}m_{122}^{(21)}$$
$$+m_{010}^{(22)}m_{300}^{(10)}m_{032}^{(20)}-m_{010}^{(22)}m_{300}^{(10)}m_{023}^{(10)}-m_{010}^{(22)}m_{300}^{(20)}m_{140}^{(22)}+3m_{010}^{(22)}m_{300}^{(20)}m_{131}^{(21)}$$
$$-2m_{010}^{(22)}m_{300}^{(20)}m_{122}^{(11)}-m_{010}^{(22)}m_{300}^{(20)}m_{041}^{(20)}+m_{010}^{(22)}m_{300}^{(20)}m_{032}^{(10)}+m_{010}^{(22)}m_{300}^{(21)}m_{230}^{(22)}$$
$$-m_{010}^{(22)}m_{300}^{(21)}m_{221}^{(21)}-m_{010}^{(22)}m_{300}^{(21)}m_{131}^{(20)}+m_{010}^{(22)}m_{300}^{(21)}m_{122}^{(10)}-m_{010}^{(22)}m_{300}^{(22)}m_{230}^{(21)}$$
$$+m_{010}^{(22)}m_{300}^{(22)}m_{221}^{(11)}+m_{010}^{(22)}m_{300}^{(22)}m_{140}^{(20)}-m_{010}^{(22)}m_{300}^{(22)}m_{131}^{(10)}-3m_{010}^{(22)}m_{210}^{(00)}m_{131}^{(22)}$$
$$+5m_{010}^{(22)}m_{210}^{(00)}m_{122}^{(21)}-2m_{010}^{(22)}m_{210}^{(00)}m_{113}^{(11)}+m_{010}^{(22)}m_{210}^{(00)}m_{032}^{(20)}-m_{010}^{(22)}m_{210}^{(00)}m_{023}^{(10)}$$
$$+3m_{010}^{(22)}m_{210}^{(10)}m_{221}^{(22)}-2m_{010}^{(22)}m_{210}^{(10)}m_{212}^{(21)}-4m_{010}^{(22)}m_{210}^{(10)}m_{122}^{(20)}+2m_{010}^{(22)}m_{210}^{(10)}m_{113}^{(10)}$$

$$+m_{010}^{(22)}m_{210}^{(10)}m_{023}^{(00)}+3m_{010}^{(22)}m_{210}^{(20)}m_{230}^{(22)}-8m_{010}^{(22)}m_{210}^{(20)}m_{221}^{(21)}+4m_{010}^{(22)}m_{210}^{(20)}m_{212}^{(11)}$$
$$+2m_{010}^{(22)}m_{210}^{(20)}m_{131}^{(20)}-m_{010}^{(22)}m_{210}^{(20)}m_{032}^{(00)}-3m_{010}^{(22)}m_{210}^{(21)}m_{320}^{(22)}+2m_{010}^{(22)}m_{210}^{(21)}m_{311}^{(21)}$$
$$+4m_{010}^{(22)}m_{210}^{(21)}m_{221}^{(20)}-2m_{010}^{(22)}m_{210}^{(21)}m_{212}^{(10)}-m_{010}^{(22)}m_{210}^{(21)}m_{122}^{(00)}+3m_{010}^{(22)}m_{210}^{(22)}m_{320}^{(21)}$$
$$-2m_{010}^{(22)}m_{210}^{(22)}m_{311}^{(11)}-3m_{010}^{(22)}m_{210}^{(22)}m_{230}^{(20)}+m_{010}^{(22)}m_{210}^{(22)}m_{221}^{(10)}+m_{010}^{(22)}m_{210}^{(22)}m_{131}^{(00)}$$
$$+m_{010}^{(22)}m_{201}^{(00)}m_{131}^{(21)}-m_{010}^{(22)}m_{201}^{(00)}m_{122}^{(11)}-m_{010}^{(22)}m_{201}^{(00)}m_{041}^{(20)}+m_{010}^{(22)}m_{201}^{(00)}m_{032}^{(10)}$$
$$-m_{010}^{(22)}m_{201}^{(10)}m_{221}^{(21)}+m_{010}^{(22)}m_{201}^{(10)}m_{131}^{(20)}+m_{010}^{(22)}m_{201}^{(10)}m_{122}^{(10)}-m_{010}^{(22)}m_{201}^{(10)}m_{032}^{(00)}$$
$$-m_{010}^{(22)}m_{201}^{(20)}m_{230}^{(21)}+2m_{010}^{(22)}m_{201}^{(20)}m_{221}^{(11)}+m_{010}^{(22)}m_{201}^{(20)}m_{140}^{(20)}-3m_{010}^{(22)}m_{201}^{(20)}m_{131}^{(10)}$$
$$+m_{010}^{(22)}m_{201}^{(20)}m_{041}^{(00)}+m_{010}^{(22)}m_{201}^{(21)}m_{320}^{(21)}-m_{010}^{(22)}m_{201}^{(21)}m_{230}^{(20)}-m_{010}^{(22)}m_{201}^{(21)}m_{221}^{(10)}$$
$$+m_{010}^{(22)}m_{201}^{(21)}m_{131}^{(00)}-m_{010}^{(22)}m_{201}^{(22)}m_{320}^{(11)}+2m_{010}^{(22)}m_{201}^{(22)}m_{230}^{(10)}-m_{010}^{(22)}m_{201}^{(22)}m_{140}^{(00)}$$
$$+3m_{010}^{(22)}m_{120}^{(00)}m_{221}^{(22)}-4m_{010}^{(22)}m_{120}^{(00)}m_{212}^{(21)}+m_{010}^{(22)}m_{120}^{(00)}m_{203}^{(11)}-2m_{010}^{(22)}m_{120}^{(00)}m_{122}^{(20)}$$
$$+2m_{010}^{(22)}m_{120}^{(00)}m_{113}^{(10)}-3m_{010}^{(22)}m_{120}^{(10)}m_{311}^{(22)}+m_{010}^{(22)}m_{120}^{(10)}m_{302}^{(21)}+5m_{010}^{(22)}m_{120}^{(10)}m_{212}^{(20)}$$
$$-m_{010}^{(22)}m_{120}^{(10)}m_{203}^{(10)}-2m_{010}^{(22)}m_{120}^{(10)}m_{113}^{(00)}-3m_{010}^{(22)}m_{120}^{(20)}m_{320}^{(22)}+7m_{010}^{(22)}m_{120}^{(20)}m_{311}^{(21)}$$
$$-2m_{010}^{(22)}m_{120}^{(20)}m_{302}^{(11)}-m_{010}^{(22)}m_{120}^{(20)}m_{221}^{(20)}-3m_{010}^{(22)}m_{120}^{(20)}m_{212}^{(10)}+2m_{010}^{(22)}m_{120}^{(20)}m_{122}^{(00)}$$
$$+3m_{010}^{(22)}m_{120}^{(21)}m_{410}^{(22)}-m_{010}^{(22)}m_{120}^{(21)}m_{401}^{(21)}-5m_{010}^{(22)}m_{120}^{(21)}m_{311}^{(20)}+m_{010}^{(22)}m_{120}^{(21)}m_{302}^{(10)}$$
$$+2m_{010}^{(22)}m_{120}^{(21)}m_{212}^{(00)}-3m_{010}^{(22)}m_{120}^{(22)}m_{410}^{(21)}+m_{010}^{(22)}m_{120}^{(22)}m_{401}^{(11)}+3m_{010}^{(22)}m_{120}^{(22)}m_{320}^{(20)}$$
$$+m_{010}^{(22)}m_{120}^{(22)}m_{311}^{(10)}-2m_{010}^{(22)}m_{120}^{(22)}m_{221}^{(00)}-2m_{010}^{(22)}m_{111}^{(00)}m_{221}^{(21)}+2m_{010}^{(22)}m_{111}^{(00)}m_{212}^{(11)}$$
$$+2m_{010}^{(22)}m_{111}^{(00)}m_{131}^{(20)}-2m_{010}^{(22)}m_{111}^{(00)}m_{122}^{(10)}+2m_{010}^{(22)}m_{111}^{(10)}m_{311}^{(21)}-2m_{010}^{(22)}m_{111}^{(10)}m_{221}^{(20)}$$
$$-2m_{010}^{(22)}m_{111}^{(10)}m_{212}^{(10)}+2m_{010}^{(22)}m_{111}^{(10)}m_{113}^{(00)}+2m_{010}^{(22)}m_{111}^{(20)}m_{320}^{(21)}-4m_{010}^{(22)}m_{111}^{(20)}m_{311}^{(11)}$$
$$-2m_{010}^{(22)}m_{111}^{(20)}m_{230}^{(20)}+6m_{010}^{(22)}m_{111}^{(20)}m_{221}^{(10)}-2m_{010}^{(22)}m_{111}^{(20)}m_{131}^{(00)}-2m_{010}^{(22)}m_{111}^{(21)}m_{410}^{(21)}$$
$$+2m_{010}^{(22)}m_{111}^{(21)}m_{320}^{(20)}+2m_{010}^{(22)}m_{111}^{(21)}m_{311}^{(10)}-2m_{010}^{(22)}m_{111}^{(21)}m_{221}^{(00)}+2m_{010}^{(22)}m_{111}^{(22)}m_{410}^{(11)}$$
$$-4m_{010}^{(22)}m_{111}^{(22)}m_{320}^{(10)}+2m_{010}^{(22)}m_{111}^{(22)}m_{230}^{(00)}-m_{010}^{(22)}m_{030}^{(00)}m_{311}^{(22)}+m_{010}^{(22)}m_{030}^{(00)}m_{302}^{(21)}$$
$$+m_{010}^{(22)}m_{030}^{(00)}m_{212}^{(20)}-m_{010}^{(22)}m_{030}^{(00)}m_{203}^{(10)}+m_{010}^{(22)}m_{030}^{(10)}m_{401}^{(22)}-2m_{010}^{(22)}m_{030}^{(10)}m_{302}^{(20)}$$
$$+m_{010}^{(22)}m_{030}^{(10)}m_{203}^{(00)}+m_{010}^{(22)}m_{030}^{(20)}m_{410}^{(22)}-2m_{010}^{(22)}m_{030}^{(20)}m_{401}^{(21)}+2m_{010}^{(22)}m_{030}^{(20)}m_{302}^{(10)}$$
$$-m_{010}^{(22)}m_{030}^{(20)}m_{212}^{(00)}-m_{010}^{(22)}m_{030}^{(21)}m_{500}^{(22)}+2m_{010}^{(22)}m_{030}^{(21)}m_{401}^{(20)}-m_{010}^{(22)}m_{030}^{(21)}m_{302}^{(00)}$$
$$+m_{010}^{(22)}m_{030}^{(22)}m_{500}^{(21)}-m_{010}^{(22)}m_{030}^{(22)}m_{410}^{(20)}-m_{010}^{(22)}m_{030}^{(22)}m_{401}^{(10)}+m_{010}^{(22)}m_{030}^{(22)}m_{311}^{(00)}$$
$$+m_{010}^{(22)}m_{021}^{(00)}m_{311}^{(21)}-m_{010}^{(22)}m_{021}^{(00)}m_{302}^{(11)}-m_{010}^{(22)}m_{021}^{(00)}m_{221}^{(20)}+m_{010}^{(22)}m_{021}^{(00)}m_{212}^{(10)}$$
$$-m_{010}^{(22)}m_{021}^{(10)}m_{401}^{(21)}+m_{010}^{(22)}m_{021}^{(10)}m_{311}^{(20)}+m_{010}^{(22)}m_{021}^{(10)}m_{302}^{(10)}-m_{010}^{(22)}m_{021}^{(10)}m_{212}^{(00)}$$
$$-m_{010}^{(22)}m_{021}^{(20)}m_{410}^{(21)}+2m_{010}^{(22)}m_{021}^{(20)}m_{401}^{(11)}+m_{010}^{(22)}m_{021}^{(20)}m_{320}^{(20)}-3m_{010}^{(22)}m_{021}^{(20)}m_{311}^{(10)}$$
$$+m_{010}^{(22)}m_{021}^{(20)}m_{221}^{(00)}+m_{010}^{(22)}m_{021}^{(21)}m_{500}^{(21)}-m_{010}^{(22)}m_{021}^{(21)}m_{410}^{(20)}-m_{010}^{(22)}m_{021}^{(21)}m_{401}^{(10)}$$
$$+m_{010}^{(22)}m_{021}^{(21)}m_{311}^{(00)}-m_{010}^{(22)}m_{021}^{(22)}m_{500}^{(11)}+2m_{010}^{(22)}m_{021}^{(22)}m_{410}^{(10)}-m_{010}^{(22)}m_{021}^{(22)}m_{320}^{(00)}$$
$$-m_{001}^{(00)}m_{120}^{(00)}m_{032}^{(22)}+2m_{001}^{(00)}m_{120}^{(00)}m_{023}^{(21)}-m_{001}^{(00)}m_{120}^{(00)}m_{014}^{(11)}+2m_{001}^{(00)}m_{120}^{(10)}m_{122}^{(22)}$$
$$-3m_{001}^{(00)}m_{120}^{(10)}m_{113}^{(21)}+m_{001}^{(00)}m_{120}^{(10)}m_{104}^{(11)}-m_{001}^{(00)}m_{120}^{(10)}m_{023}^{(20)}+m_{001}^{(00)}m_{120}^{(10)}m_{014}^{(10)}$$
$$-m_{001}^{(00)}m_{120}^{(11)}m_{212}^{(22)}+m_{001}^{(00)}m_{120}^{(11)}m_{203}^{(21)}+m_{001}^{(00)}m_{120}^{(11)}m_{113}^{(20)}-m_{001}^{(00)}m_{120}^{(11)}m_{104}^{(10)}$$
$$-m_{001}^{(00)}m_{120}^{(20)}m_{122}^{(21)}+m_{001}^{(00)}m_{120}^{(20)}m_{113}^{(11)}+m_{001}^{(00)}m_{120}^{(20)}m_{032}^{(20)}-m_{001}^{(00)}m_{120}^{(20)}m_{023}^{(10)}$$
$$+m_{001}^{(00)}m_{120}^{(21)}m_{212}^{(21)}-m_{001}^{(00)}m_{120}^{(21)}m_{203}^{(11)}-m_{001}^{(00)}m_{120}^{(21)}m_{122}^{(20)}+m_{001}^{(00)}m_{120}^{(21)}m_{113}^{(10)}$$
$$+2m_{001}^{(00)}m_{111}^{(00)}m_{041}^{(22)}-4m_{001}^{(00)}m_{111}^{(00)}m_{032}^{(21)}+2m_{001}^{(00)}m_{111}^{(00)}m_{023}^{(11)}-4m_{001}^{(00)}m_{111}^{(10)}m_{131}^{(22)}$$
$$+6m_{001}^{(00)}m_{111}^{(10)}m_{122}^{(21)}-2m_{001}^{(00)}m_{111}^{(10)}m_{113}^{(11)}+2m_{001}^{(00)}m_{111}^{(10)}m_{032}^{(20)}-2m_{001}^{(00)}m_{111}^{(10)}m_{023}^{(10)}$$
$$+2m_{001}^{(00)}m_{111}^{(11)}m_{221}^{(22)}-2m_{001}^{(00)}m_{111}^{(11)}m_{212}^{(21)}-2m_{001}^{(00)}m_{111}^{(11)}m_{122}^{(20)}+2m_{001}^{(00)}m_{111}^{(11)}m_{113}^{(10)}$$

$$+2m_{001}^{(00)}m_{111}^{(20)}m_{131}^{(21)}-2m_{001}^{(00)}m_{111}^{(20)}m_{122}^{(11)}-2m_{001}^{(00)}m_{111}^{(20)}m_{041}^{(20)}+2m_{001}^{(00)}m_{111}^{(20)}m_{032}^{(10)}$$
$$-2m_{001}^{(00)}m_{111}^{(21)}m_{221}^{(21)}+2m_{001}^{(00)}m_{111}^{(21)}m_{212}^{(11)}+2m_{001}^{(00)}m_{111}^{(21)}m_{131}^{(20)}-2m_{001}^{(00)}m_{111}^{(21)}m_{122}^{(10)}$$
$$-m_{001}^{(00)}m_{102}^{(00)}m_{050}^{(22)}+2m_{001}^{(00)}m_{102}^{(00)}m_{041}^{(21)}-m_{001}^{(00)}m_{102}^{(00)}m_{032}^{(11)}+2m_{001}^{(00)}m_{102}^{(10)}m_{140}^{(22)}$$
$$-3m_{001}^{(00)}m_{102}^{(10)}m_{131}^{(21)}+m_{001}^{(00)}m_{102}^{(10)}m_{122}^{(11)}-m_{001}^{(00)}m_{102}^{(10)}m_{041}^{(20)}+m_{001}^{(00)}m_{102}^{(10)}m_{032}^{(10)}$$
$$-m_{001}^{(00)}m_{102}^{(11)}m_{230}^{(22)}+m_{001}^{(00)}m_{102}^{(11)}m_{221}^{(21)}+m_{001}^{(00)}m_{102}^{(11)}m_{131}^{(20)}-m_{001}^{(00)}m_{102}^{(11)}m_{122}^{(10)}$$
$$-m_{001}^{(00)}m_{102}^{(20)}m_{140}^{(21)}+m_{001}^{(00)}m_{102}^{(20)}m_{131}^{(11)}+m_{001}^{(00)}m_{102}^{(20)}m_{050}^{(20)}-m_{001}^{(00)}m_{102}^{(20)}m_{041}^{(10)}$$
$$+m_{001}^{(00)}m_{102}^{(21)}m_{230}^{(21)}-m_{001}^{(00)}m_{102}^{(21)}m_{221}^{(11)}-m_{001}^{(00)}m_{102}^{(21)}m_{140}^{(20)}+m_{001}^{(00)}m_{102}^{(21)}m_{131}^{(10)}$$
$$+m_{001}^{(00)}m_{030}^{(00)}m_{122}^{(22)}-m_{001}^{(00)}m_{030}^{(00)}m_{113}^{(21)}-m_{001}^{(00)}m_{030}^{(00)}m_{023}^{(20)}+m_{001}^{(00)}m_{030}^{(00)}m_{014}^{(10)}$$
$$-2m_{001}^{(00)}m_{030}^{(10)}m_{212}^{(22)}+m_{001}^{(00)}m_{030}^{(10)}m_{203}^{(21)}+3m_{001}^{(00)}m_{030}^{(10)}m_{113}^{(20)}-m_{001}^{(00)}m_{030}^{(10)}m_{104}^{(10)}$$
$$-m_{001}^{(00)}m_{030}^{(10)}m_{014}^{(00)}+m_{001}^{(00)}m_{030}^{(11)}m_{302}^{(22)}-2m_{001}^{(00)}m_{030}^{(11)}m_{203}^{(20)}+m_{001}^{(00)}m_{030}^{(11)}m_{104}^{(00)}$$
$$+m_{001}^{(00)}m_{030}^{(20)}m_{212}^{(21)}-m_{001}^{(00)}m_{030}^{(20)}m_{122}^{(20)}-m_{001}^{(00)}m_{030}^{(20)}m_{113}^{(10)}+m_{001}^{(00)}m_{030}^{(20)}m_{023}^{(00)}$$
$$-m_{001}^{(00)}m_{030}^{(21)}m_{302}^{(21)}+m_{001}^{(00)}m_{030}^{(21)}m_{212}^{(20)}+m_{001}^{(00)}m_{030}^{(21)}m_{203}^{(10)}-m_{001}^{(00)}m_{030}^{(21)}m_{113}^{(00)}$$
$$-2m_{001}^{(00)}m_{021}^{(00)}m_{131}^{(22)}+m_{001}^{(00)}m_{021}^{(00)}m_{122}^{(21)}+m_{001}^{(00)}m_{021}^{(00)}m_{113}^{(11)}+3m_{001}^{(00)}m_{021}^{(00)}m_{032}^{(20)}$$
$$-3m_{001}^{(00)}m_{021}^{(00)}m_{023}^{(10)}+4m_{001}^{(00)}m_{021}^{(10)}m_{221}^{(22)}-m_{001}^{(00)}m_{021}^{(10)}m_{203}^{(11)}-8m_{001}^{(00)}m_{021}^{(10)}m_{122}^{(20)}$$
$$+2m_{001}^{(00)}m_{021}^{(10)}m_{113}^{(10)}+3m_{001}^{(00)}m_{021}^{(10)}m_{023}^{(00)}-2m_{001}^{(00)}m_{021}^{(11)}m_{311}^{(22)}-m_{001}^{(00)}m_{021}^{(11)}m_{302}^{(21)}$$
$$+5m_{001}^{(00)}m_{021}^{(11)}m_{212}^{(20)}+m_{001}^{(00)}m_{021}^{(11)}m_{203}^{(10)}-3m_{001}^{(00)}m_{021}^{(11)}m_{113}^{(00)}-2m_{001}^{(00)}m_{021}^{(20)}m_{221}^{(21)}$$
$$-m_{001}^{(00)}m_{021}^{(20)}m_{212}^{(11)}+2m_{001}^{(00)}m_{021}^{(20)}m_{131}^{(20)}+4m_{001}^{(00)}m_{021}^{(20)}m_{122}^{(10)}-3m_{001}^{(00)}m_{021}^{(20)}m_{032}^{(00)}$$
$$+2m_{001}^{(00)}m_{021}^{(21)}m_{311}^{(21)}+m_{001}^{(00)}m_{021}^{(21)}m_{302}^{(11)}-2m_{001}^{(00)}m_{021}^{(21)}m_{221}^{(20)}-4m_{001}^{(00)}m_{021}^{(21)}m_{212}^{(10)}$$
$$+3m_{001}^{(00)}m_{021}^{(21)}m_{122}^{(00)}+m_{001}^{(00)}m_{012}^{(00)}m_{140}^{(22)}+m_{001}^{(00)}m_{012}^{(00)}m_{131}^{(21)}-2m_{001}^{(00)}m_{012}^{(00)}m_{122}^{(11)}$$
$$-3m_{001}^{(00)}m_{012}^{(00)}m_{041}^{(20)}+3m_{001}^{(00)}m_{012}^{(00)}m_{032}^{(10)}-2m_{001}^{(00)}m_{012}^{(10)}m_{230}^{(22)}-3m_{001}^{(00)}m_{012}^{(10)}m_{221}^{(21)}$$
$$+2m_{001}^{(00)}m_{012}^{(10)}m_{212}^{(11)}+7m_{001}^{(00)}m_{012}^{(10)}m_{131}^{(20)}-m_{001}^{(00)}m_{012}^{(10)}m_{122}^{(10)}-3m_{001}^{(00)}m_{012}^{(10)}m_{032}^{(00)}$$
$$+m_{001}^{(00)}m_{012}^{(11)}m_{320}^{(22)}+2m_{001}^{(00)}m_{012}^{(11)}m_{311}^{(21)}-4m_{001}^{(00)}m_{012}^{(11)}m_{221}^{(20)}-2m_{001}^{(00)}m_{012}^{(11)}m_{212}^{(10)}$$
$$+3m_{001}^{(00)}m_{012}^{(11)}m_{122}^{(00)}+m_{001}^{(00)}m_{012}^{(20)}m_{230}^{(21)}+2m_{001}^{(00)}m_{012}^{(20)}m_{221}^{(11)}-m_{001}^{(00)}m_{012}^{(20)}m_{140}^{(20)}$$
$$-5m_{001}^{(00)}m_{012}^{(20)}m_{131}^{(10)}+3m_{001}^{(00)}m_{012}^{(20)}m_{041}^{(00)}-m_{001}^{(00)}m_{012}^{(21)}m_{320}^{(21)}-2m_{001}^{(00)}m_{012}^{(21)}m_{311}^{(11)}$$
$$+m_{001}^{(00)}m_{012}^{(21)}m_{230}^{(20)}+5m_{001}^{(00)}m_{012}^{(21)}m_{221}^{(10)}-3m_{001}^{(00)}m_{012}^{(21)}m_{131}^{(00)}-m_{001}^{(00)}m_{003}^{(00)}m_{140}^{(21)}$$
$$+m_{001}^{(00)}m_{003}^{(00)}m_{131}^{(11)}+m_{001}^{(00)}m_{003}^{(00)}m_{050}^{(20)}-m_{001}^{(00)}m_{003}^{(00)}m_{041}^{(10)}+2m_{001}^{(00)}m_{003}^{(10)}m_{230}^{(21)}$$
$$-m_{001}^{(00)}m_{003}^{(10)}m_{221}^{(11)}-2m_{001}^{(00)}m_{003}^{(10)}m_{140}^{(20)}+m_{001}^{(00)}m_{003}^{(10)}m_{041}^{(00)}-m_{001}^{(00)}m_{003}^{(10)}m_{320}^{(21)}$$
$$+m_{001}^{(00)}m_{003}^{(11)}m_{230}^{(20)}+m_{001}^{(00)}m_{003}^{(11)}m_{221}^{(10)}-m_{001}^{(00)}m_{003}^{(11)}m_{131}^{(00)}-m_{001}^{(00)}m_{003}^{(20)}m_{230}^{(11)}$$
$$+2m_{001}^{(00)}m_{003}^{(20)}m_{140}^{(10)}-m_{001}^{(00)}m_{003}^{(20)}m_{050}^{(00)}+m_{001}^{(00)}m_{003}^{(21)}m_{320}^{(11)}-2m_{001}^{(00)}m_{003}^{(21)}m_{230}^{(10)}$$
$$+m_{001}^{(00)}m_{003}^{(21)}m_{140}^{(00)}+2m_{001}^{(10)}m_{210}^{(00)}m_{032}^{(22)}-4m_{001}^{(10)}m_{210}^{(00)}m_{023}^{(21)}+2m_{001}^{(10)}m_{210}^{(00)}m_{014}^{(11)}$$
$$-4m_{001}^{(10)}m_{210}^{(10)}m_{122}^{(22)}+6m_{001}^{(10)}m_{210}^{(10)}m_{113}^{(21)}-2m_{001}^{(10)}m_{210}^{(10)}m_{104}^{(11)}+2m_{001}^{(10)}m_{210}^{(10)}m_{023}^{(20)}$$
$$-2m_{001}^{(10)}m_{210}^{(10)}m_{014}^{(10)}+2m_{001}^{(10)}m_{210}^{(11)}m_{212}^{(22)}-2m_{001}^{(10)}m_{210}^{(11)}m_{203}^{(21)}-2m_{001}^{(10)}m_{210}^{(11)}m_{113}^{(20)}$$
$$+2m_{001}^{(10)}m_{210}^{(11)}m_{104}^{(10)}+2m_{001}^{(10)}m_{210}^{(20)}m_{122}^{(21)}-2m_{001}^{(10)}m_{210}^{(20)}m_{113}^{(11)}-2m_{001}^{(10)}m_{210}^{(20)}m_{032}^{(20)}$$
$$+2m_{001}^{(10)}m_{210}^{(20)}m_{023}^{(10)}-2m_{001}^{(10)}m_{210}^{(21)}m_{212}^{(21)}+2m_{001}^{(10)}m_{210}^{(21)}m_{203}^{(11)}+2m_{001}^{(10)}m_{210}^{(21)}m_{122}^{(20)}$$
$$-2m_{001}^{(10)}m_{210}^{(21)}m_{113}^{(10)}-2m_{001}^{(10)}m_{201}^{(00)}m_{041}^{(22)}+4m_{001}^{(10)}m_{201}^{(00)}m_{032}^{(21)}-2m_{001}^{(10)}m_{201}^{(00)}m_{023}^{(11)}$$
$$+4m_{001}^{(10)}m_{201}^{(10)}m_{131}^{(22)}-6m_{001}^{(10)}m_{201}^{(10)}m_{122}^{(21)}+2m_{001}^{(10)}m_{201}^{(10)}m_{113}^{(11)}-2m_{001}^{(10)}m_{201}^{(10)}m_{032}^{(20)}$$
$$+2m_{001}^{(10)}m_{201}^{(10)}m_{023}^{(10)}-2m_{001}^{(10)}m_{201}^{(11)}m_{221}^{(22)}+2m_{001}^{(10)}m_{201}^{(11)}m_{212}^{(21)}+2m_{001}^{(10)}m_{201}^{(11)}m_{122}^{(20)}$$
$$-2m_{001}^{(10)}m_{201}^{(11)}m_{113}^{(10)}-2m_{001}^{(10)}m_{201}^{(20)}m_{131}^{(21)}+2m_{001}^{(10)}m_{201}^{(20)}m_{122}^{(11)}+2m_{001}^{(10)}m_{201}^{(20)}m_{041}^{(20)}$$

$$
\begin{aligned}
&-2m_{001}^{(10)}m_{201}^{(20)}m_{032}^{(10)}+2m_{001}^{(10)}m_{201}^{(21)}m_{221}^{(21)}-2m_{001}^{(10)}m_{201}^{(21)}m_{212}^{(11)}-2m_{001}^{(10)}m_{201}^{(21)}m_{131}^{(20)}\\
&+2m_{001}^{(10)}m_{201}^{(21)}m_{122}^{(10)}-2m_{001}^{(10)}m_{120}^{(00)}m_{122}^{(22)}+2m_{001}^{(10)}m_{120}^{(00)}m_{113}^{(21)}+2m_{001}^{(10)}m_{120}^{(00)}m_{023}^{(20)}\\
&-2m_{001}^{(10)}m_{120}^{(00)}m_{014}^{(10)}+4m_{001}^{(10)}m_{120}^{(10)}m_{212}^{(22)}-2m_{001}^{(10)}m_{120}^{(10)}m_{203}^{(21)}-6m_{001}^{(10)}m_{120}^{(10)}m_{113}^{(20)}\\
&+2m_{001}^{(10)}m_{120}^{(10)}m_{104}^{(10)}+2m_{001}^{(10)}m_{120}^{(10)}m_{014}^{(00)}-2m_{001}^{(10)}m_{120}^{(11)}m_{302}^{(22)}+4m_{001}^{(10)}m_{120}^{(11)}m_{203}^{(20)}\\
&-2m_{001}^{(10)}m_{120}^{(11)}m_{104}^{(00)}-2m_{001}^{(10)}m_{120}^{(20)}m_{212}^{(21)}+2m_{001}^{(10)}m_{120}^{(20)}m_{122}^{(20)}+2m_{001}^{(10)}m_{120}^{(20)}m_{113}^{(10)}\\
&-2m_{001}^{(10)}m_{120}^{(20)}m_{023}^{(00)}+2m_{001}^{(10)}m_{120}^{(21)}m_{302}^{(21)}-2m_{001}^{(10)}m_{120}^{(21)}m_{212}^{(20)}-2m_{001}^{(10)}m_{120}^{(21)}m_{203}^{(10)}\\
&+2m_{001}^{(10)}m_{120}^{(21)}m_{113}^{(00)}+4m_{001}^{(10)}m_{111}^{(00)}m_{122}^{(21)}-4m_{001}^{(10)}m_{111}^{(00)}m_{113}^{(11)}-4m_{001}^{(10)}m_{111}^{(00)}m_{032}^{(20)}\\
&+4m_{001}^{(10)}m_{111}^{(00)}m_{023}^{(10)}-8m_{001}^{(10)}m_{111}^{(10)}m_{212}^{(21)}+4m_{001}^{(10)}m_{111}^{(10)}m_{203}^{(11)}+8m_{001}^{(10)}m_{111}^{(10)}m_{122}^{(20)}\\
&-4m_{001}^{(10)}m_{111}^{(10)}m_{023}^{(00)}+4m_{001}^{(10)}m_{111}^{(11)}m_{302}^{(21)}-4m_{001}^{(10)}m_{111}^{(11)}m_{212}^{(20)}-4m_{001}^{(10)}m_{111}^{(11)}m_{203}^{(10)}\\
&+4m_{001}^{(10)}m_{111}^{(11)}m_{113}^{(00)}+4m_{001}^{(10)}m_{111}^{(20)}m_{212}^{(11)}-8m_{001}^{(10)}m_{111}^{(20)}m_{122}^{(10)}+4m_{001}^{(10)}m_{111}^{(20)}m_{032}^{(00)}\\
&-4m_{001}^{(10)}m_{111}^{(21)}m_{302}^{(11)}+8m_{001}^{(10)}m_{111}^{(21)}m_{212}^{(10)}-4m_{001}^{(10)}m_{111}^{(21)}m_{122}^{(00)}+2m_{001}^{(10)}m_{102}^{(00)}m_{140}^{(22)}\\
&-6m_{001}^{(10)}m_{102}^{(00)}m_{131}^{(21)}+4m_{001}^{(10)}m_{102}^{(00)}m_{122}^{(11)}+2m_{001}^{(10)}m_{102}^{(00)}m_{041}^{(20)}-2m_{001}^{(10)}m_{102}^{(00)}m_{032}^{(10)}\\
&-4m_{001}^{(10)}m_{102}^{(10)}m_{230}^{(22)}+10m_{001}^{(10)}m_{102}^{(10)}m_{221}^{(21)}-4m_{001}^{(10)}m_{102}^{(10)}m_{212}^{(11)}-2m_{001}^{(10)}m_{102}^{(10)}m_{131}^{(20)}\\
&-2m_{001}^{(10)}m_{102}^{(10)}m_{122}^{(10)}+2m_{001}^{(10)}m_{102}^{(10)}m_{032}^{(00)}+2m_{001}^{(10)}m_{102}^{(11)}m_{320}^{(22)}-4m_{001}^{(10)}m_{102}^{(11)}m_{311}^{(21)}\\
&+4m_{001}^{(10)}m_{102}^{(11)}m_{212}^{(10)}-2m_{001}^{(10)}m_{102}^{(11)}m_{122}^{(00)}+2m_{001}^{(10)}m_{102}^{(20)}m_{230}^{(21)}-4m_{001}^{(10)}m_{102}^{(20)}m_{221}^{(11)}\\
&-2m_{001}^{(10)}m_{102}^{(20)}m_{140}^{(20)}+6m_{001}^{(10)}m_{102}^{(20)}m_{131}^{(10)}-2m_{001}^{(10)}m_{102}^{(20)}m_{041}^{(00)}-2m_{001}^{(10)}m_{102}^{(21)}m_{320}^{(21)}\\
&+4m_{001}^{(10)}m_{102}^{(21)}m_{311}^{(11)}+2m_{001}^{(10)}m_{102}^{(21)}m_{230}^{(20)}-6m_{001}^{(10)}m_{102}^{(21)}m_{221}^{(10)}+2m_{001}^{(10)}m_{102}^{(21)}m_{131}^{(00)}\\
&+2m_{001}^{(10)}m_{021}^{(00)}m_{221}^{(22)}-2m_{001}^{(10)}m_{021}^{(00)}m_{212}^{(21)}-2m_{001}^{(10)}m_{021}^{(00)}m_{122}^{(20)}+2m_{001}^{(10)}m_{021}^{(00)}m_{113}^{(10)}\\
&-4m_{001}^{(10)}m_{021}^{(10)}m_{311}^{(22)}+2m_{001}^{(10)}m_{021}^{(10)}m_{302}^{(21)}+6m_{001}^{(10)}m_{021}^{(10)}m_{212}^{(20)}-2m_{001}^{(10)}m_{021}^{(10)}m_{203}^{(10)}\\
&-2m_{001}^{(10)}m_{021}^{(10)}m_{113}^{(00)}+2m_{001}^{(10)}m_{021}^{(11)}m_{401}^{(22)}-4m_{001}^{(10)}m_{021}^{(11)}m_{302}^{(20)}+2m_{001}^{(10)}m_{021}^{(11)}m_{203}^{(00)}\\
&+2m_{001}^{(10)}m_{021}^{(20)}m_{311}^{(21)}-2m_{001}^{(10)}m_{021}^{(20)}m_{221}^{(20)}-2m_{001}^{(10)}m_{021}^{(20)}m_{212}^{(10)}+2m_{001}^{(10)}m_{021}^{(20)}m_{122}^{(00)}\\
&-2m_{001}^{(10)}m_{021}^{(21)}m_{401}^{(21)}+2m_{001}^{(10)}m_{021}^{(21)}m_{311}^{(20)}+2m_{001}^{(10)}m_{021}^{(21)}m_{302}^{(10)}-2m_{001}^{(10)}m_{021}^{(21)}m_{212}^{(00)}\\
&-2m_{001}^{(10)}m_{012}^{(00)}m_{230}^{(22)}+2m_{001}^{(10)}m_{012}^{(00)}m_{212}^{(11)}+4m_{001}^{(10)}m_{012}^{(00)}m_{131}^{(20)}-4m_{001}^{(10)}m_{012}^{(00)}m_{122}^{(10)}\\
&+4m_{001}^{(10)}m_{012}^{(10)}m_{320}^{(22)}+2m_{001}^{(10)}m_{012}^{(10)}m_{311}^{(21)}-2m_{001}^{(10)}m_{012}^{(10)}m_{302}^{(11)}-10m_{001}^{(10)}m_{012}^{(10)}m_{221}^{(20)}\\
&+2m_{001}^{(10)}m_{012}^{(10)}m_{212}^{(10)}+4m_{001}^{(10)}m_{012}^{(10)}m_{122}^{(00)}-2m_{001}^{(10)}m_{012}^{(11)}m_{410}^{(22)}-2m_{001}^{(10)}m_{012}^{(11)}m_{401}^{(21)}\\
&+6m_{001}^{(10)}m_{012}^{(11)}m_{311}^{(20)}+2m_{001}^{(10)}m_{012}^{(11)}m_{302}^{(10)}-4m_{001}^{(10)}m_{012}^{(11)}m_{212}^{(00)}-2m_{001}^{(10)}m_{012}^{(20)}m_{320}^{(21)}\\
&-2m_{001}^{(10)}m_{012}^{(20)}m_{311}^{(11)}+2m_{001}^{(10)}m_{012}^{(20)}m_{230}^{(20)}+6m_{001}^{(10)}m_{012}^{(20)}m_{221}^{(10)}-4m_{001}^{(10)}m_{012}^{(20)}m_{131}^{(00)}\\
&+2m_{001}^{(10)}m_{012}^{(21)}m_{410}^{(21)}+2m_{001}^{(10)}m_{012}^{(21)}m_{401}^{(11)}-2m_{001}^{(10)}m_{012}^{(21)}m_{320}^{(20)}-6m_{001}^{(10)}m_{012}^{(21)}m_{311}^{(10)}\\
&+4m_{001}^{(10)}m_{012}^{(21)}m_{221}^{(00)}+2m_{001}^{(10)}m_{003}^{(00)}m_{230}^{(21)}-2m_{001}^{(10)}m_{003}^{(00)}m_{221}^{(11)}-2m_{001}^{(10)}m_{003}^{(00)}m_{140}^{(20)}\\
&+2m_{001}^{(10)}m_{003}^{(00)}m_{131}^{(10)}-4m_{001}^{(10)}m_{003}^{(10)}m_{320}^{(21)}+2m_{001}^{(10)}m_{003}^{(10)}m_{311}^{(11)}+4m_{001}^{(10)}m_{003}^{(10)}m_{230}^{(20)}\\
&-2m_{001}^{(10)}m_{003}^{(10)}m_{131}^{(00)}+2m_{001}^{(10)}m_{003}^{(11)}m_{410}^{(21)}-2m_{001}^{(10)}m_{003}^{(11)}m_{320}^{(20)}-2m_{001}^{(10)}m_{003}^{(11)}m_{311}^{(10)}\\
&+2m_{001}^{(10)}m_{003}^{(11)}m_{221}^{(00)}+2m_{001}^{(10)}m_{003}^{(20)}m_{320}^{(11)}-4m_{001}^{(10)}m_{003}^{(20)}m_{230}^{(10)}+2m_{001}^{(10)}m_{003}^{(20)}m_{140}^{(00)}\\
&-2m_{001}^{(10)}m_{003}^{(21)}m_{410}^{(11)}+4m_{001}^{(10)}m_{003}^{(21)}m_{320}^{(10)}-2m_{001}^{(10)}m_{003}^{(21)}m_{230}^{(00)}-m_{001}^{(11)}m_{300}^{(00)}m_{032}^{(22)}\\
&+2m_{001}^{(11)}m_{300}^{(00)}m_{023}^{(21)}-m_{001}^{(11)}m_{300}^{(00)}m_{014}^{(11)}+2m_{001}^{(11)}m_{300}^{(10)}m_{122}^{(22)}-3m_{001}^{(11)}m_{300}^{(10)}m_{113}^{(21)}\\
&+m_{001}^{(11)}m_{300}^{(10)}m_{104}^{(11)}-m_{001}^{(11)}m_{300}^{(10)}m_{023}^{(20)}+m_{001}^{(11)}m_{300}^{(10)}m_{014}^{(10)}-m_{001}^{(11)}m_{300}^{(11)}m_{212}^{(22)}\\
&+m_{001}^{(11)}m_{300}^{(11)}m_{203}^{(21)}+m_{001}^{(11)}m_{300}^{(11)}m_{113}^{(20)}-m_{001}^{(11)}m_{300}^{(11)}m_{104}^{(10)}-m_{001}^{(11)}m_{300}^{(20)}m_{122}^{(21)}\\
&+m_{001}^{(11)}m_{300}^{(20)}m_{113}^{(11)}+m_{001}^{(11)}m_{300}^{(20)}m_{032}^{(20)}-m_{001}^{(11)}m_{300}^{(20)}m_{023}^{(10)}+m_{001}^{(11)}m_{300}^{(21)}m_{212}^{(21)}\\
&-m_{001}^{(11)}m_{300}^{(21)}m_{203}^{(11)}-m_{001}^{(11)}m_{300}^{(21)}m_{122}^{(20)}+m_{001}^{(11)}m_{300}^{(21)}m_{113}^{(10)}+m_{001}^{(11)}m_{210}^{(00)}m_{122}^{(22)}
\end{aligned}
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\begin{aligned}
&-m_{001}^{(11)}m_{210}^{(00)}m_{113}^{(21)} - m_{001}^{(11)}m_{210}^{(00)}m_{023}^{(20)} + m_{001}^{(11)}m_{210}^{(00)}m_{014}^{(10)} - 2m_{001}^{(11)}m_{210}^{(10)}m_{212}^{(22)}\\
&+m_{001}^{(11)}m_{210}^{(10)}m_{203}^{(21)} + 3m_{001}^{(11)}m_{210}^{(10)}m_{113}^{(20)} - m_{001}^{(11)}m_{210}^{(10)}m_{104}^{(10)} - m_{001}^{(11)}m_{210}^{(10)}m_{014}^{(00)}\\
&+m_{001}^{(11)}m_{210}^{(11)}m_{302}^{(22)} - 2m_{001}^{(11)}m_{210}^{(11)}m_{203}^{(20)} + m_{001}^{(11)}m_{210}^{(11)}m_{104}^{(00)} + m_{001}^{(11)}m_{210}^{(20)}m_{212}^{(21)}\\
&-m_{001}^{(11)}m_{210}^{(20)}m_{122}^{(20)} - m_{001}^{(11)}m_{210}^{(20)}m_{113}^{(10)} + m_{001}^{(11)}m_{210}^{(20)}m_{023}^{(00)} - m_{001}^{(11)}m_{210}^{(21)}m_{302}^{(21)}\\
&+m_{001}^{(11)}m_{210}^{(21)}m_{212}^{(20)} + m_{001}^{(11)}m_{210}^{(21)}m_{203}^{(10)} - m_{001}^{(11)}m_{210}^{(21)}m_{113}^{(00)} + 2m_{001}^{(11)}m_{201}^{(00)}m_{131}^{(22)}\\
&-5m_{001}^{(11)}m_{201}^{(00)}m_{122}^{(21)} + 3m_{001}^{(11)}m_{201}^{(00)}m_{113}^{(11)} + m_{001}^{(11)}m_{201}^{(00)}m_{032}^{(20)} - m_{001}^{(11)}m_{201}^{(00)}m_{023}^{(10)}\\
&-4m_{001}^{(11)}m_{201}^{(10)}m_{221}^{(22)} + 8m_{001}^{(11)}m_{201}^{(10)}m_{212}^{(21)} - 3m_{001}^{(11)}m_{201}^{(10)}m_{203}^{(11)} - 2m_{001}^{(11)}m_{201}^{(10)}m_{113}^{(10)}\\
&+m_{001}^{(11)}m_{201}^{(10)}m_{023}^{(00)} + 2m_{001}^{(11)}m_{201}^{(11)}m_{311}^{(22)} - 3m_{001}^{(11)}m_{201}^{(11)}m_{302}^{(21)} - m_{001}^{(11)}m_{201}^{(11)}m_{212}^{(20)}\\
&+3m_{001}^{(11)}m_{201}^{(11)}m_{203}^{(10)} - m_{001}^{(11)}m_{201}^{(11)}m_{113}^{(00)} + 2m_{001}^{(11)}m_{201}^{(20)}m_{221}^{(21)} - 3m_{001}^{(11)}m_{201}^{(20)}m_{212}^{(11)}\\
&-2m_{001}^{(11)}m_{201}^{(20)}m_{131}^{(20)} + 4m_{001}^{(11)}m_{201}^{(20)}m_{122}^{(10)} - m_{001}^{(11)}m_{201}^{(20)}m_{032}^{(00)} - 2m_{001}^{(11)}m_{201}^{(21)}m_{311}^{(21)}\\
&+3m_{001}^{(11)}m_{201}^{(21)}m_{302}^{(11)} + 2m_{001}^{(11)}m_{201}^{(21)}m_{221}^{(20)} - 4m_{001}^{(11)}m_{201}^{(21)}m_{212}^{(10)} + m_{001}^{(11)}m_{201}^{(21)}m_{122}^{(00)}\\
&-2m_{001}^{(11)}m_{111}^{(00)}m_{221}^{(22)} + 2m_{001}^{(11)}m_{111}^{(00)}m_{212}^{(21)} + 2m_{001}^{(11)}m_{111}^{(00)}m_{122}^{(20)} - 2m_{001}^{(11)}m_{111}^{(00)}m_{113}^{(10)}\\
&+4m_{001}^{(11)}m_{111}^{(10)}m_{311}^{(22)} - 2m_{001}^{(11)}m_{111}^{(10)}m_{302}^{(21)} - 6m_{001}^{(11)}m_{111}^{(10)}m_{212}^{(20)} + 2m_{001}^{(11)}m_{111}^{(10)}m_{203}^{(10)}\\
&+2m_{001}^{(11)}m_{111}^{(10)}m_{113}^{(00)} - 2m_{001}^{(11)}m_{111}^{(11)}m_{401}^{(22)} + 4m_{001}^{(11)}m_{111}^{(11)}m_{302}^{(20)} - 2m_{001}^{(11)}m_{111}^{(11)}m_{203}^{(00)}\\
&-2m_{001}^{(11)}m_{111}^{(20)}m_{311}^{(21)} + 2m_{001}^{(11)}m_{111}^{(20)}m_{221}^{(20)} + 2m_{001}^{(11)}m_{111}^{(20)}m_{212}^{(10)} - 2m_{001}^{(11)}m_{111}^{(20)}m_{122}^{(00)}\\
&+2m_{001}^{(11)}m_{111}^{(21)}m_{401}^{(21)} - 2m_{001}^{(11)}m_{111}^{(21)}m_{311}^{(20)} - 2m_{001}^{(11)}m_{111}^{(21)}m_{302}^{(10)} + 2m_{001}^{(11)}m_{111}^{(21)}m_{212}^{(00)}\\
&-m_{001}^{(11)}m_{102}^{(00)}m_{230}^{(22)} + 4m_{001}^{(11)}m_{102}^{(00)}m_{221}^{(21)} - 3m_{001}^{(11)}m_{102}^{(00)}m_{212}^{(11)} - 2m_{001}^{(11)}m_{102}^{(00)}m_{131}^{(20)}\\
&+2m_{001}^{(11)}m_{102}^{(00)}m_{122}^{(10)} + 2m_{001}^{(11)}m_{102}^{(10)}m_{320}^{(22)} - 7m_{001}^{(11)}m_{102}^{(10)}m_{311}^{(21)} + 3m_{001}^{(11)}m_{102}^{(10)}m_{302}^{(11)}\\
&+3m_{001}^{(11)}m_{102}^{(10)}m_{221}^{(20)} + m_{001}^{(11)}m_{102}^{(10)}m_{212}^{(10)} - 2m_{001}^{(11)}m_{102}^{(10)}m_{122}^{(00)} - m_{001}^{(11)}m_{102}^{(11)}m_{410}^{(22)}\\
&+3m_{001}^{(11)}m_{102}^{(11)}m_{401}^{(21)} - m_{001}^{(11)}m_{102}^{(11)}m_{311}^{(20)} - 3m_{001}^{(11)}m_{102}^{(11)}m_{302}^{(10)} + 2m_{001}^{(11)}m_{102}^{(11)}m_{212}^{(00)}\\
&-m_{001}^{(11)}m_{102}^{(20)}m_{320}^{(21)} + 3m_{001}^{(11)}m_{102}^{(20)}m_{311}^{(11)} + m_{001}^{(11)}m_{102}^{(20)}m_{230}^{(20)} - 5m_{001}^{(11)}m_{102}^{(20)}m_{221}^{(10)}\\
&+2m_{001}^{(11)}m_{102}^{(20)}m_{131}^{(00)} + m_{001}^{(11)}m_{102}^{(21)}m_{410}^{(21)} - 3m_{001}^{(11)}m_{102}^{(21)}m_{401}^{(11)} - m_{001}^{(11)}m_{102}^{(21)}m_{320}^{(20)}\\
&+5m_{001}^{(11)}m_{102}^{(21)}m_{311}^{(10)} - 2m_{001}^{(11)}m_{102}^{(21)}m_{221}^{(00)} + m_{001}^{(11)}m_{012}^{(00)}m_{320}^{(22)} - m_{001}^{(11)}m_{012}^{(00)}m_{311}^{(21)}\\
&-m_{001}^{(11)}m_{012}^{(00)}m_{221}^{(20)} + m_{001}^{(11)}m_{012}^{(00)}m_{212}^{(10)} - 2m_{001}^{(11)}m_{012}^{(10)}m_{410}^{(22)} + m_{001}^{(11)}m_{012}^{(10)}m_{401}^{(21)}\\
&+3m_{001}^{(11)}m_{012}^{(10)}m_{311}^{(20)} - m_{001}^{(11)}m_{012}^{(10)}m_{302}^{(10)} - m_{001}^{(11)}m_{012}^{(10)}m_{212}^{(00)} + m_{001}^{(11)}m_{012}^{(11)}m_{500}^{(22)}\\
&-2m_{001}^{(11)}m_{012}^{(11)}m_{401}^{(20)} + m_{001}^{(11)}m_{012}^{(11)}m_{302}^{(00)} + m_{001}^{(11)}m_{012}^{(20)}m_{410}^{(21)} - m_{001}^{(11)}m_{012}^{(20)}m_{320}^{(20)}\\
&-m_{001}^{(11)}m_{012}^{(20)}m_{311}^{(10)} + m_{001}^{(11)}m_{012}^{(20)}m_{221}^{(00)} - m_{001}^{(11)}m_{012}^{(21)}m_{500}^{(21)} + m_{001}^{(11)}m_{012}^{(21)}m_{410}^{(20)}\\
&+m_{001}^{(11)}m_{012}^{(21)}m_{401}^{(10)} - m_{001}^{(11)}m_{012}^{(21)}m_{311}^{(00)} - m_{001}^{(11)}m_{003}^{(00)}m_{320}^{(21)} + m_{001}^{(11)}m_{003}^{(00)}m_{311}^{(11)}\\
&+m_{001}^{(11)}m_{003}^{(00)}m_{230}^{(20)} - m_{001}^{(11)}m_{003}^{(00)}m_{221}^{(10)} + 2m_{001}^{(11)}m_{003}^{(10)}m_{410}^{(21)} - m_{001}^{(11)}m_{003}^{(10)}m_{401}^{(11)}\\
&-2m_{001}^{(11)}m_{003}^{(10)}m_{320}^{(20)} + m_{001}^{(11)}m_{003}^{(10)}m_{221}^{(00)} - m_{001}^{(11)}m_{003}^{(11)}m_{500}^{(21)} + m_{001}^{(11)}m_{003}^{(11)}m_{410}^{(20)}\\
&+m_{001}^{(11)}m_{003}^{(11)}m_{401}^{(10)} - m_{001}^{(11)}m_{003}^{(11)}m_{311}^{(00)} - m_{001}^{(11)}m_{003}^{(20)}m_{410}^{(11)} + 2m_{001}^{(11)}m_{003}^{(20)}m_{320}^{(10)}\\
&-m_{001}^{(11)}m_{003}^{(20)}m_{230}^{(00)} + m_{001}^{(11)}m_{003}^{(21)}m_{500}^{(11)} - 2m_{001}^{(11)}m_{003}^{(21)}m_{410}^{(10)} + m_{001}^{(11)}m_{003}^{(21)}m_{320}^{(00)}\\
&-2m_{001}^{(20)}m_{210}^{(00)}m_{041}^{(22)} + 4m_{001}^{(20)}m_{210}^{(00)}m_{032}^{(21)} - 2m_{001}^{(20)}m_{210}^{(00)}m_{023}^{(11)} + 4m_{001}^{(20)}m_{210}^{(10)}m_{131}^{(22)}\\
&-6m_{001}^{(20)}m_{210}^{(10)}m_{122}^{(21)} + 2m_{001}^{(20)}m_{210}^{(10)}m_{113}^{(11)} - 2m_{001}^{(20)}m_{210}^{(10)}m_{032}^{(20)} + 2m_{001}^{(20)}m_{210}^{(10)}m_{023}^{(10)}\\
&-2m_{001}^{(20)}m_{210}^{(11)}m_{221}^{(22)} + 2m_{001}^{(20)}m_{210}^{(11)}m_{212}^{(21)} + 2m_{001}^{(20)}m_{210}^{(11)}m_{122}^{(20)} - 2m_{001}^{(20)}m_{210}^{(11)}m_{113}^{(10)}\\
&-2m_{001}^{(20)}m_{210}^{(20)}m_{131}^{(21)} + 2m_{001}^{(20)}m_{210}^{(20)}m_{122}^{(11)} + 2m_{001}^{(20)}m_{210}^{(20)}m_{041}^{(20)} - 2m_{001}^{(20)}m_{210}^{(20)}m_{032}^{(10)}\\
&+2m_{001}^{(20)}m_{210}^{(21)}m_{221}^{(21)} - 2m_{001}^{(20)}m_{210}^{(21)}m_{212}^{(11)} - 2m_{001}^{(20)}m_{210}^{(21)}m_{131}^{(20)} + 2m_{001}^{(20)}m_{210}^{(21)}m_{122}^{(10)}\\
&+2m_{001}^{(20)}m_{201}^{(00)}m_{050}^{(22)} - 4m_{001}^{(20)}m_{201}^{(00)}m_{041}^{(21)} + 2m_{001}^{(20)}m_{201}^{(00)}m_{032}^{(11)} - 4m_{001}^{(20)}m_{201}^{(10)}m_{140}^{(22)}
\end{aligned}
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\begin{aligned}
&+6m_{001}^{(20)}m_{201}^{(10)}m_{131}^{(21)} - 2m_{001}^{(20)}m_{201}^{(10)}m_{122}^{(11)} + 2m_{001}^{(20)}m_{201}^{(10)}m_{041}^{(20)} - 2m_{001}^{(20)}m_{201}^{(10)}m_{032}^{(10)}\\
&+2m_{001}^{(20)}m_{201}^{(11)}m_{230}^{(22)} - 2m_{001}^{(20)}m_{201}^{(11)}m_{221}^{(21)} - 2m_{001}^{(20)}m_{201}^{(11)}m_{131}^{(20)} + 2m_{001}^{(20)}m_{201}^{(11)}m_{122}^{(10)}\\
&+2m_{001}^{(20)}m_{201}^{(20)}m_{140}^{(21)} - 2m_{001}^{(20)}m_{201}^{(20)}m_{131}^{(11)} - 2m_{001}^{(20)}m_{201}^{(20)}m_{050}^{(20)} + 2m_{001}^{(20)}m_{201}^{(20)}m_{041}^{(10)}\\
&-2m_{001}^{(20)}m_{201}^{(21)}m_{230}^{(21)} + 2m_{001}^{(20)}m_{201}^{(21)}m_{221}^{(11)} + 2m_{001}^{(20)}m_{201}^{(21)}m_{140}^{(20)} - 2m_{001}^{(20)}m_{201}^{(21)}m_{131}^{(10)}\\
&+4m_{001}^{(20)}m_{120}^{(00)}m_{131}^{(22)} - 6m_{001}^{(20)}m_{120}^{(00)}m_{122}^{(21)} + 2m_{001}^{(20)}m_{120}^{(00)}m_{113}^{(11)} - 2m_{001}^{(20)}m_{120}^{(00)}m_{032}^{(20)}\\
&+2m_{001}^{(20)}m_{120}^{(00)}m_{023}^{(10)} - 8m_{001}^{(20)}m_{120}^{(10)}m_{221}^{(22)} + 8m_{001}^{(20)}m_{120}^{(10)}m_{212}^{(21)} - 2m_{001}^{(20)}m_{120}^{(10)}m_{203}^{(11)}\\
&+8m_{001}^{(20)}m_{120}^{(10)}m_{122}^{(20)} - 4m_{001}^{(20)}m_{120}^{(10)}m_{113}^{(10)} - 2m_{001}^{(20)}m_{120}^{(10)}m_{023}^{(00)} + 4m_{001}^{(20)}m_{120}^{(11)}m_{311}^{(22)}\\
&-2m_{001}^{(20)}m_{120}^{(11)}m_{302}^{(21)} - 6m_{001}^{(20)}m_{120}^{(11)}m_{212}^{(20)} + 2m_{001}^{(20)}m_{120}^{(11)}m_{203}^{(10)} + 2m_{001}^{(20)}m_{120}^{(11)}m_{113}^{(00)}\\
&+4m_{001}^{(20)}m_{120}^{(20)}m_{221}^{(21)} - 2m_{001}^{(20)}m_{120}^{(20)}m_{212}^{(11)} - 4m_{001}^{(20)}m_{120}^{(20)}m_{131}^{(20)} + 2m_{001}^{(20)}m_{120}^{(20)}m_{032}^{(00)}\\
&-4m_{001}^{(20)}m_{120}^{(21)}m_{311}^{(21)} + 2m_{001}^{(20)}m_{120}^{(21)}m_{302}^{(11)} + 4m_{001}^{(20)}m_{120}^{(21)}m_{221}^{(20)} - 2m_{001}^{(20)}m_{120}^{(21)}m_{122}^{(00)}\\
&-4m_{001}^{(20)}m_{111}^{(00)}m_{140}^{(22)} + 4m_{001}^{(20)}m_{111}^{(00)}m_{131}^{(21)} + 4m_{001}^{(20)}m_{111}^{(00)}m_{041}^{(20)} - 4m_{001}^{(20)}m_{111}^{(00)}m_{032}^{(10)}\\
&+8m_{001}^{(20)}m_{111}^{(10)}m_{230}^{(22)} - 4m_{001}^{(20)}m_{111}^{(10)}m_{221}^{(21)} - 12m_{001}^{(20)}m_{111}^{(10)}m_{131}^{(20)} + 4m_{001}^{(20)}m_{111}^{(10)}m_{122}^{(10)}\\
&+4m_{001}^{(20)}m_{111}^{(10)}m_{032}^{(00)} - 4m_{001}^{(20)}m_{111}^{(11)}m_{320}^{(22)} + 8m_{001}^{(20)}m_{111}^{(11)}m_{221}^{(20)} - 4m_{001}^{(20)}m_{111}^{(11)}m_{122}^{(00)}\\
&-4m_{001}^{(20)}m_{111}^{(20)}m_{230}^{(21)} + 4m_{001}^{(20)}m_{111}^{(20)}m_{140}^{(20)} + 4m_{001}^{(20)}m_{111}^{(20)}m_{131}^{(10)} - 4m_{001}^{(20)}m_{111}^{(20)}m_{041}^{(00)}\\
&+4m_{001}^{(20)}m_{111}^{(21)}m_{320}^{(21)} - 4m_{001}^{(20)}m_{111}^{(21)}m_{230}^{(20)} - 4m_{001}^{(20)}m_{111}^{(21)}m_{221}^{(10)} + 4m_{001}^{(20)}m_{111}^{(21)}m_{131}^{(00)}\\
&+2m_{001}^{(20)}m_{102}^{(00)}m_{140}^{(21)} - 2m_{001}^{(20)}m_{102}^{(00)}m_{131}^{(11)} - 2m_{001}^{(20)}m_{102}^{(00)}m_{050}^{(20)} + 2m_{001}^{(20)}m_{102}^{(00)}m_{041}^{(10)}\\
&-4m_{001}^{(20)}m_{102}^{(10)}m_{230}^{(21)} + 2m_{001}^{(20)}m_{102}^{(10)}m_{221}^{(11)} + 4m_{001}^{(20)}m_{102}^{(10)}m_{140}^{(20)} - 2m_{001}^{(20)}m_{102}^{(10)}m_{041}^{(00)}\\
&+2m_{001}^{(20)}m_{102}^{(11)}m_{320}^{(21)} - 2m_{001}^{(20)}m_{102}^{(11)}m_{230}^{(20)} - 2m_{001}^{(20)}m_{102}^{(11)}m_{221}^{(10)} + 2m_{001}^{(20)}m_{102}^{(11)}m_{131}^{(00)}\\
&+2m_{001}^{(20)}m_{102}^{(20)}m_{230}^{(11)} - 4m_{001}^{(20)}m_{102}^{(20)}m_{140}^{(10)} + 2m_{001}^{(20)}m_{102}^{(20)}m_{050}^{(00)} - 2m_{001}^{(20)}m_{102}^{(21)}m_{320}^{(11)}\\
&+4m_{001}^{(20)}m_{102}^{(21)}m_{230}^{(10)} - 2m_{001}^{(20)}m_{102}^{(21)}m_{140}^{(00)} - 2m_{001}^{(20)}m_{030}^{(00)}m_{221}^{(22)} + 2m_{001}^{(20)}m_{030}^{(00)}m_{212}^{(21)}\\
&+2m_{001}^{(20)}m_{030}^{(00)}m_{122}^{(20)} - 2m_{001}^{(20)}m_{030}^{(00)}m_{113}^{(10)} + 4m_{001}^{(20)}m_{030}^{(10)}m_{311}^{(22)} - 2m_{001}^{(20)}m_{030}^{(10)}m_{302}^{(21)}\\
&-6m_{001}^{(20)}m_{030}^{(10)}m_{212}^{(20)} + 2m_{001}^{(20)}m_{030}^{(10)}m_{203}^{(10)} + 2m_{001}^{(20)}m_{030}^{(10)}m_{113}^{(00)} - 2m_{001}^{(20)}m_{030}^{(11)}m_{401}^{(22)}\\
&+4m_{001}^{(20)}m_{030}^{(11)}m_{302}^{(20)} - 2m_{001}^{(20)}m_{030}^{(11)}m_{203}^{(00)} - 2m_{001}^{(20)}m_{030}^{(20)}m_{311}^{(21)} + 2m_{001}^{(20)}m_{030}^{(20)}m_{221}^{(20)}\\
&+2m_{001}^{(20)}m_{030}^{(20)}m_{212}^{(10)} - 2m_{001}^{(20)}m_{030}^{(20)}m_{122}^{(00)} + 2m_{001}^{(20)}m_{030}^{(21)}m_{401}^{(21)} - 2m_{001}^{(20)}m_{030}^{(21)}m_{311}^{(20)}\\
&-2m_{001}^{(20)}m_{030}^{(21)}m_{302}^{(10)} + 2m_{001}^{(20)}m_{030}^{(21)}m_{212}^{(00)} + 2m_{001}^{(20)}m_{021}^{(00)}m_{230}^{(22)} - 2m_{001}^{(20)}m_{021}^{(00)}m_{212}^{(11)}\\
&-4m_{001}^{(20)}m_{021}^{(00)}m_{131}^{(20)} + 4m_{001}^{(20)}m_{021}^{(00)}m_{122}^{(10)} - 4m_{001}^{(20)}m_{021}^{(10)}m_{320}^{(22)} - 2m_{001}^{(20)}m_{021}^{(10)}m_{311}^{(21)}\\
&+2m_{001}^{(20)}m_{021}^{(10)}m_{302}^{(11)} + 10m_{001}^{(20)}m_{021}^{(10)}m_{221}^{(20)} - 2m_{001}^{(20)}m_{021}^{(10)}m_{212}^{(10)} - 4m_{001}^{(20)}m_{021}^{(10)}m_{122}^{(00)}\\
&+2m_{001}^{(20)}m_{021}^{(11)}m_{410}^{(22)} + 2m_{001}^{(20)}m_{021}^{(11)}m_{401}^{(21)} - 6m_{001}^{(20)}m_{021}^{(11)}m_{311}^{(20)} - 2m_{001}^{(20)}m_{021}^{(11)}m_{302}^{(10)}\\
&+4m_{001}^{(20)}m_{021}^{(11)}m_{212}^{(00)} + 2m_{001}^{(20)}m_{021}^{(20)}m_{320}^{(21)} + 2m_{001}^{(20)}m_{021}^{(20)}m_{311}^{(11)} - 2m_{001}^{(20)}m_{021}^{(20)}m_{230}^{(20)}\\
&-6m_{001}^{(20)}m_{021}^{(20)}m_{221}^{(10)} + 4m_{001}^{(20)}m_{021}^{(20)}m_{131}^{(00)} - 2m_{001}^{(20)}m_{021}^{(21)}m_{410}^{(21)} - 2m_{001}^{(20)}m_{021}^{(21)}m_{401}^{(11)}\\
&+2m_{001}^{(20)}m_{021}^{(21)}m_{320}^{(20)} + 6m_{001}^{(20)}m_{021}^{(21)}m_{311}^{(10)} - 4m_{001}^{(20)}m_{021}^{(21)}m_{221}^{(00)} - 2m_{001}^{(20)}m_{012}^{(00)}m_{230}^{(21)}\\
&+2m_{001}^{(20)}m_{012}^{(00)}m_{221}^{(11)} + 2m_{001}^{(20)}m_{012}^{(00)}m_{140}^{(20)} - 2m_{001}^{(20)}m_{012}^{(00)}m_{131}^{(10)} + 4m_{001}^{(20)}m_{012}^{(10)}m_{320}^{(21)}\\
&-2m_{001}^{(20)}m_{012}^{(10)}m_{311}^{(11)} - 4m_{001}^{(20)}m_{012}^{(10)}m_{230}^{(20)} + 2m_{001}^{(20)}m_{012}^{(10)}m_{131}^{(00)} - 2m_{001}^{(20)}m_{012}^{(11)}m_{410}^{(21)}\\
&+2m_{001}^{(20)}m_{012}^{(11)}m_{320}^{(20)} + 2m_{001}^{(20)}m_{012}^{(11)}m_{311}^{(10)} - 2m_{001}^{(20)}m_{012}^{(11)}m_{221}^{(00)} - 2m_{001}^{(20)}m_{012}^{(20)}m_{320}^{(11)}\\
&+4m_{001}^{(20)}m_{012}^{(20)}m_{230}^{(10)} - 2m_{001}^{(20)}m_{012}^{(20)}m_{140}^{(00)} + 2m_{001}^{(20)}m_{012}^{(21)}m_{410}^{(11)} - 4m_{001}^{(20)}m_{012}^{(21)}m_{320}^{(10)}\\
&+2m_{001}^{(20)}m_{012}^{(21)}m_{230}^{(00)} + 2m_{001}^{(21)}m_{300}^{(00)}m_{041}^{(22)} - 4m_{001}^{(21)}m_{300}^{(00)}m_{032}^{(21)} + 2m_{001}^{(21)}m_{300}^{(00)}m_{023}^{(11)}\\
&-4m_{001}^{(21)}m_{300}^{(10)}m_{131}^{(22)} + 6m_{001}^{(21)}m_{300}^{(10)}m_{122}^{(21)} - 2m_{001}^{(21)}m_{300}^{(10)}m_{113}^{(11)} + 2m_{001}^{(21)}m_{300}^{(10)}m_{032}^{(20)}\\
&-2m_{001}^{(21)}m_{300}^{(10)}m_{023}^{(10)} + 2m_{001}^{(21)}m_{300}^{(11)}m_{221}^{(22)} - 2m_{001}^{(21)}m_{300}^{(11)}m_{212}^{(21)} - 2m_{001}^{(21)}m_{300}^{(11)}m_{122}^{(20)}
\end{aligned}
$$

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\begin{aligned}
&+2m_{001}^{(21)}m_{300}^{(11)}m_{113}^{(10)} + 2m_{001}^{(21)}m_{300}^{(20)}m_{131}^{(21)} - 2m_{001}^{(21)}m_{300}^{(20)}m_{122}^{(11)} - 2m_{001}^{(21)}m_{300}^{(20)}m_{041}^{(20)}\\
&+2m_{001}^{(21)}m_{300}^{(20)}m_{032}^{(10)} - 2m_{001}^{(21)}m_{300}^{(21)}m_{221}^{(21)} + 2m_{001}^{(21)}m_{300}^{(21)}m_{212}^{(11)} + 2m_{001}^{(21)}m_{300}^{(21)}m_{131}^{(20)}\\
&-2m_{001}^{(21)}m_{300}^{(21)}m_{122}^{(10)} - 4m_{001}^{(21)}m_{210}^{(00)}m_{131}^{(22)} + 6m_{001}^{(21)}m_{210}^{(00)}m_{122}^{(21)} - 2m_{001}^{(21)}m_{210}^{(00)}m_{113}^{(11)}\\
&+2m_{001}^{(21)}m_{210}^{(00)}m_{032}^{(20)} - 2m_{001}^{(21)}m_{210}^{(00)}m_{023}^{(10)} + 8m_{001}^{(21)}m_{210}^{(10)}m_{221}^{(22)} - 8m_{001}^{(21)}m_{210}^{(10)}m_{212}^{(21)}\\
&+2m_{001}^{(21)}m_{210}^{(10)}m_{203}^{(11)} - 8m_{001}^{(21)}m_{210}^{(10)}m_{122}^{(20)} + 4m_{001}^{(21)}m_{210}^{(10)}m_{113}^{(10)} + 2m_{001}^{(21)}m_{210}^{(10)}m_{023}^{(00)}\\
&-4m_{001}^{(21)}m_{210}^{(11)}m_{311}^{(22)} + 2m_{001}^{(21)}m_{210}^{(11)}m_{302}^{(21)} + 6m_{001}^{(21)}m_{210}^{(11)}m_{212}^{(20)} - 2m_{001}^{(21)}m_{210}^{(11)}m_{203}^{(10)}\\
&-2m_{001}^{(21)}m_{210}^{(11)}m_{113}^{(00)} - 4m_{001}^{(21)}m_{210}^{(20)}m_{221}^{(21)} + 2m_{001}^{(21)}m_{210}^{(20)}m_{212}^{(11)} + 4m_{001}^{(21)}m_{210}^{(20)}m_{131}^{(20)}\\
&-2m_{001}^{(21)}m_{210}^{(20)}m_{032}^{(00)} + 4m_{001}^{(21)}m_{210}^{(21)}m_{311}^{(21)} - 2m_{001}^{(21)}m_{210}^{(21)}m_{302}^{(11)} - 4m_{001}^{(21)}m_{210}^{(21)}m_{221}^{(20)}\\
&+2m_{001}^{(21)}m_{210}^{(21)}m_{122}^{(00)} - 2m_{001}^{(21)}m_{201}^{(00)}m_{140}^{(22)} + 6m_{001}^{(21)}m_{201}^{(00)}m_{131}^{(21)} - 4m_{001}^{(21)}m_{201}^{(00)}m_{122}^{(11)}\\
&-2m_{001}^{(21)}m_{201}^{(00)}m_{041}^{(20)} + 2m_{001}^{(21)}m_{201}^{(00)}m_{032}^{(10)} + 4m_{001}^{(21)}m_{201}^{(10)}m_{230}^{(22)} - 10m_{001}^{(21)}m_{201}^{(10)}m_{221}^{(21)}\\
&+4m_{001}^{(21)}m_{201}^{(10)}m_{212}^{(11)} + 2m_{001}^{(21)}m_{201}^{(10)}m_{131}^{(20)} + 2m_{001}^{(21)}m_{201}^{(10)}m_{122}^{(10)} - 2m_{001}^{(21)}m_{201}^{(10)}m_{032}^{(00)}\\
&-2m_{001}^{(21)}m_{201}^{(11)}m_{320}^{(22)} + 4m_{001}^{(21)}m_{201}^{(11)}m_{311}^{(21)} - 4m_{001}^{(21)}m_{201}^{(11)}m_{212}^{(10)} + 2m_{001}^{(21)}m_{201}^{(11)}m_{122}^{(00)}\\
&-2m_{001}^{(21)}m_{201}^{(20)}m_{230}^{(21)} + 4m_{001}^{(21)}m_{201}^{(20)}m_{221}^{(11)} + 2m_{001}^{(21)}m_{201}^{(20)}m_{140}^{(20)} - 6m_{001}^{(21)}m_{201}^{(20)}m_{131}^{(10)}\\
&+2m_{001}^{(21)}m_{201}^{(20)}m_{041}^{(00)} + 2m_{001}^{(21)}m_{201}^{(21)}m_{320}^{(21)} - 4m_{001}^{(21)}m_{201}^{(21)}m_{311}^{(11)} - 2m_{001}^{(21)}m_{201}^{(21)}m_{230}^{(20)}\\
&+6m_{001}^{(21)}m_{201}^{(21)}m_{221}^{(10)} - 2m_{001}^{(21)}m_{201}^{(21)}m_{131}^{(00)} + 2m_{001}^{(21)}m_{120}^{(00)}m_{221}^{(22)} - 2m_{001}^{(21)}m_{120}^{(00)}m_{212}^{(21)}\\
&-2m_{001}^{(21)}m_{120}^{(00)}m_{122}^{(20)} + 2m_{001}^{(21)}m_{120}^{(00)}m_{113}^{(10)} - 4m_{001}^{(21)}m_{120}^{(10)}m_{311}^{(22)} + 2m_{001}^{(21)}m_{120}^{(10)}m_{302}^{(21)}\\
&+6m_{001}^{(21)}m_{120}^{(10)}m_{212}^{(20)} - 2m_{001}^{(21)}m_{120}^{(10)}m_{203}^{(10)} - 2m_{001}^{(21)}m_{120}^{(10)}m_{113}^{(00)} + 2m_{001}^{(21)}m_{120}^{(11)}m_{401}^{(22)}\\
&-4m_{001}^{(21)}m_{120}^{(11)}m_{302}^{(20)} + 2m_{001}^{(21)}m_{120}^{(11)}m_{203}^{(00)} + 2m_{001}^{(21)}m_{120}^{(20)}m_{311}^{(21)} - 2m_{001}^{(21)}m_{120}^{(20)}m_{221}^{(20)}\\
&-2m_{001}^{(21)}m_{120}^{(20)}m_{212}^{(10)} + 2m_{001}^{(21)}m_{120}^{(20)}m_{122}^{(00)} - 2m_{001}^{(21)}m_{120}^{(21)}m_{401}^{(21)} + 2m_{001}^{(21)}m_{120}^{(21)}m_{311}^{(20)}\\
&+2m_{001}^{(21)}m_{120}^{(21)}m_{302}^{(10)} - 2m_{001}^{(21)}m_{120}^{(21)}m_{212}^{(00)} + 4m_{001}^{(21)}m_{111}^{(00)}m_{230}^{(22)} - 8m_{001}^{(21)}m_{111}^{(00)}m_{221}^{(21)}\\
&+4m_{001}^{(21)}m_{111}^{(00)}m_{212}^{(11)} - 8m_{001}^{(21)}m_{111}^{(10)}m_{320}^{(22)} + 12m_{001}^{(21)}m_{111}^{(10)}m_{311}^{(21)} - 4m_{001}^{(21)}m_{111}^{(10)}m_{302}^{(11)}\\
&+4m_{001}^{(21)}m_{111}^{(10)}m_{221}^{(20)} - 4m_{001}^{(21)}m_{111}^{(10)}m_{212}^{(10)} + 4m_{001}^{(21)}m_{111}^{(11)}m_{410}^{(22)} - 4m_{001}^{(21)}m_{111}^{(11)}m_{401}^{(21)}\\
&-4m_{001}^{(21)}m_{111}^{(11)}m_{311}^{(20)} + 4m_{001}^{(21)}m_{111}^{(11)}m_{302}^{(10)} + 4m_{001}^{(21)}m_{111}^{(20)}m_{320}^{(21)} - 4m_{001}^{(21)}m_{111}^{(20)}m_{311}^{(11)}\\
&-4m_{001}^{(21)}m_{111}^{(20)}m_{230}^{(20)} + 4m_{001}^{(21)}m_{111}^{(20)}m_{221}^{(10)} - 4m_{001}^{(21)}m_{111}^{(21)}m_{410}^{(21)} + 4m_{001}^{(21)}m_{111}^{(21)}m_{401}^{(11)}\\
&+4m_{001}^{(21)}m_{111}^{(21)}m_{320}^{(20)} - 4m_{001}^{(21)}m_{111}^{(21)}m_{311}^{(10)} - 2m_{001}^{(21)}m_{102}^{(00)}m_{230}^{(21)} + 2m_{001}^{(21)}m_{102}^{(00)}m_{221}^{(11)}\\
&+2m_{001}^{(21)}m_{102}^{(00)}m_{140}^{(20)} - 2m_{001}^{(21)}m_{102}^{(00)}m_{131}^{(10)} + 4m_{001}^{(21)}m_{102}^{(10)}m_{320}^{(21)} - 2m_{001}^{(21)}m_{102}^{(10)}m_{311}^{(11)}\\
&-4m_{001}^{(21)}m_{102}^{(10)}m_{230}^{(20)} + 2m_{001}^{(21)}m_{102}^{(10)}m_{131}^{(00)} - 2m_{001}^{(21)}m_{102}^{(11)}m_{410}^{(21)} + 2m_{001}^{(21)}m_{102}^{(11)}m_{320}^{(20)}\\
&+2m_{001}^{(21)}m_{102}^{(11)}m_{311}^{(10)} - 2m_{001}^{(21)}m_{102}^{(11)}m_{221}^{(00)} - 2m_{001}^{(21)}m_{102}^{(20)}m_{320}^{(11)} + 4m_{001}^{(21)}m_{102}^{(20)}m_{230}^{(10)}\\
&-2m_{001}^{(21)}m_{102}^{(20)}m_{140}^{(00)} + 2m_{001}^{(21)}m_{102}^{(21)}m_{410}^{(11)} - 4m_{001}^{(21)}m_{102}^{(21)}m_{320}^{(10)} + 2m_{001}^{(21)}m_{102}^{(21)}m_{230}^{(00)}\\
&-2m_{001}^{(21)}m_{021}^{(00)}m_{320}^{(22)} + 2m_{001}^{(21)}m_{021}^{(00)}m_{311}^{(21)} + 2m_{001}^{(21)}m_{021}^{(00)}m_{221}^{(20)} - 2m_{001}^{(21)}m_{021}^{(00)}m_{212}^{(10)}\\
&+4m_{001}^{(21)}m_{021}^{(10)}m_{410}^{(22)} - 2m_{001}^{(21)}m_{021}^{(10)}m_{401}^{(21)} - 6m_{001}^{(21)}m_{021}^{(10)}m_{311}^{(20)} + 2m_{001}^{(21)}m_{021}^{(10)}m_{302}^{(10)}\\
&+2m_{001}^{(21)}m_{021}^{(10)}m_{212}^{(00)} - 2m_{001}^{(21)}m_{021}^{(11)}m_{500}^{(22)} + 4m_{001}^{(21)}m_{021}^{(11)}m_{401}^{(20)} - 2m_{001}^{(21)}m_{021}^{(11)}m_{302}^{(00)}\\
&-2m_{001}^{(21)}m_{021}^{(20)}m_{410}^{(21)} + 2m_{001}^{(21)}m_{021}^{(20)}m_{320}^{(20)} + 2m_{001}^{(21)}m_{021}^{(20)}m_{311}^{(10)} - 2m_{001}^{(21)}m_{021}^{(20)}m_{221}^{(00)}\\
&+2m_{001}^{(21)}m_{021}^{(21)}m_{500}^{(21)} - 2m_{001}^{(21)}m_{021}^{(21)}m_{410}^{(20)} - 2m_{001}^{(21)}m_{021}^{(21)}m_{401}^{(10)} + 2m_{001}^{(21)}m_{021}^{(21)}m_{311}^{(00)}\\
&+2m_{001}^{(21)}m_{012}^{(00)}m_{320}^{(21)} - 2m_{001}^{(21)}m_{012}^{(00)}m_{311}^{(11)} - 2m_{001}^{(21)}m_{012}^{(00)}m_{230}^{(20)} + 2m_{001}^{(21)}m_{012}^{(00)}m_{221}^{(10)}\\
&-4m_{001}^{(21)}m_{012}^{(10)}m_{410}^{(21)} + 2m_{001}^{(21)}m_{012}^{(10)}m_{401}^{(11)} + 4m_{001}^{(21)}m_{012}^{(10)}m_{320}^{(20)} - 2m_{001}^{(21)}m_{012}^{(10)}m_{221}^{(00)}\\
&+2m_{001}^{(21)}m_{012}^{(11)}m_{500}^{(21)} - 2m_{001}^{(21)}m_{012}^{(11)}m_{410}^{(20)} - 2m_{001}^{(21)}m_{012}^{(11)}m_{401}^{(10)} + 2m_{001}^{(21)}m_{012}^{(11)}m_{311}^{(00)}\\
&+2m_{001}^{(21)}m_{012}^{(20)}m_{410}^{(11)} - 4m_{001}^{(21)}m_{012}^{(20)}m_{320}^{(10)} + 2m_{001}^{(21)}m_{012}^{(20)}m_{230}^{(00)} - 2m_{001}^{(21)}m_{012}^{(21)}m_{500}^{(11)}
\end{aligned}
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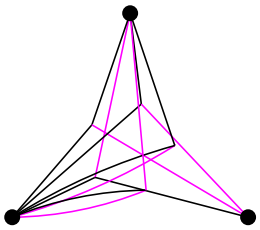
\begin{aligned}
&+4m_{001}^{(21)}m_{012}^{(21)}m_{410}^{(10)} - 2m_{001}^{(21)}m_{012}^{(21)}m_{320}^{(00)} - m_{001}^{(22)}m_{300}^{(00)}m_{050}^{(22)} + 2m_{001}^{(22)}m_{300}^{(00)}m_{041}^{(21)}\\
&-m_{001}^{(22)}m_{300}^{(00)}m_{032}^{(11)} + 2m_{001}^{(22)}m_{300}^{(10)}m_{140}^{(22)} - 3m_{001}^{(22)}m_{300}^{(10)}m_{131}^{(21)} + m_{001}^{(22)}m_{300}^{(10)}m_{122}^{(11)}\\
&-m_{001}^{(22)}m_{300}^{(10)}m_{041}^{(20)} + m_{001}^{(22)}m_{300}^{(10)}m_{032}^{(10)} - m_{001}^{(22)}m_{300}^{(11)}m_{230}^{(22)} + m_{001}^{(22)}m_{300}^{(11)}m_{221}^{(21)}\\
&+m_{001}^{(22)}m_{300}^{(11)}m_{131}^{(20)} - m_{001}^{(22)}m_{300}^{(11)}m_{122}^{(10)} - m_{001}^{(22)}m_{300}^{(20)}m_{140}^{(21)} + m_{001}^{(22)}m_{300}^{(20)}m_{131}^{(11)}\\
&+m_{001}^{(22)}m_{300}^{(20)}m_{050}^{(20)} - m_{001}^{(22)}m_{300}^{(20)}m_{041}^{(10)} + m_{001}^{(22)}m_{300}^{(21)}m_{230}^{(21)} - m_{001}^{(22)}m_{300}^{(21)}m_{221}^{(11)}\\
&-m_{001}^{(22)}m_{300}^{(21)}m_{140}^{(20)} + m_{001}^{(22)}m_{300}^{(21)}m_{131}^{(10)} + 3m_{001}^{(22)}m_{210}^{(00)}m_{140}^{(22)} - 5m_{001}^{(22)}m_{210}^{(00)}m_{131}^{(21)}\\
&+2m_{001}^{(22)}m_{210}^{(00)}m_{122}^{(11)} - m_{001}^{(22)}m_{210}^{(00)}m_{041}^{(20)} + m_{001}^{(22)}m_{210}^{(00)}m_{032}^{(10)} - 6m_{001}^{(22)}m_{210}^{(10)}m_{230}^{(22)}\\
&+7m_{001}^{(22)}m_{210}^{(10)}m_{221}^{(21)} - 2m_{001}^{(22)}m_{210}^{(10)}m_{212}^{(11)} + 5m_{001}^{(22)}m_{210}^{(10)}m_{131}^{(20)} - 3m_{001}^{(22)}m_{210}^{(10)}m_{122}^{(10)}\\
&-m_{001}^{(22)}m_{210}^{(10)}m_{032}^{(00)} + 3m_{001}^{(22)}m_{210}^{(11)}m_{320}^{(22)} - 2m_{001}^{(22)}m_{210}^{(11)}m_{311}^{(21)} - 4m_{001}^{(22)}m_{210}^{(11)}m_{221}^{(20)}\\
&+2m_{001}^{(22)}m_{210}^{(11)}m_{212}^{(10)} + m_{001}^{(22)}m_{210}^{(11)}m_{122}^{(00)} + 3m_{001}^{(22)}m_{210}^{(20)}m_{230}^{(21)} - 2m_{001}^{(22)}m_{210}^{(20)}m_{221}^{(11)}\\
&-3m_{001}^{(22)}m_{210}^{(20)}m_{140}^{(20)} + m_{001}^{(22)}m_{210}^{(20)}m_{131}^{(10)} + m_{001}^{(22)}m_{210}^{(20)}m_{041}^{(00)} - 3m_{001}^{(22)}m_{210}^{(21)}m_{320}^{(21)}\\
&+2m_{001}^{(22)}m_{210}^{(21)}m_{311}^{(11)} + 3m_{001}^{(22)}m_{210}^{(21)}m_{230}^{(20)} - m_{001}^{(22)}m_{210}^{(21)}m_{221}^{(10)} - m_{001}^{(22)}m_{210}^{(21)}m_{131}^{(00)}\\
&-m_{001}^{(22)}m_{201}^{(00)}m_{140}^{(21)} + m_{001}^{(22)}m_{201}^{(00)}m_{131}^{(11)} + m_{001}^{(22)}m_{201}^{(00)}m_{050}^{(20)} - m_{001}^{(22)}m_{201}^{(00)}m_{041}^{(10)}\\
&+2m_{001}^{(22)}m_{201}^{(10)}m_{230}^{(21)} - m_{001}^{(22)}m_{201}^{(10)}m_{221}^{(11)} - 2m_{001}^{(22)}m_{201}^{(10)}m_{140}^{(20)} + m_{001}^{(22)}m_{201}^{(10)}m_{041}^{(00)}\\
&-m_{001}^{(22)}m_{201}^{(11)}m_{320}^{(21)} + m_{001}^{(22)}m_{201}^{(11)}m_{230}^{(20)} + m_{001}^{(22)}m_{201}^{(11)}m_{221}^{(10)} - m_{001}^{(22)}m_{201}^{(11)}m_{131}^{(00)}\\
&-m_{001}^{(22)}m_{201}^{(20)}m_{230}^{(11)} + 2m_{001}^{(22)}m_{201}^{(20)}m_{140}^{(10)} - m_{001}^{(22)}m_{201}^{(20)}m_{050}^{(00)} + m_{001}^{(22)}m_{201}^{(21)}m_{320}^{(11)}\\
&-2m_{001}^{(22)}m_{201}^{(21)}m_{230}^{(10)} + m_{001}^{(22)}m_{201}^{(21)}m_{140}^{(00)} - 3m_{001}^{(22)}m_{120}^{(00)}m_{230}^{(22)} + 4m_{001}^{(22)}m_{120}^{(00)}m_{221}^{(21)}\\
&-m_{001}^{(22)}m_{120}^{(00)}m_{212}^{(11)} + 2m_{001}^{(22)}m_{120}^{(00)}m_{131}^{(20)} - 2m_{001}^{(22)}m_{120}^{(00)}m_{122}^{(10)} + 6m_{001}^{(22)}m_{120}^{(10)}m_{320}^{(22)}\\
&-5m_{001}^{(22)}m_{120}^{(10)}m_{311}^{(21)} + m_{001}^{(22)}m_{120}^{(10)}m_{302}^{(11)} - 7m_{001}^{(22)}m_{120}^{(10)}m_{221}^{(20)} + 3m_{001}^{(22)}m_{120}^{(10)}m_{212}^{(10)}\\
&+2m_{001}^{(22)}m_{120}^{(10)}m_{122}^{(00)} - 3m_{001}^{(22)}m_{120}^{(11)}m_{410}^{(22)} + m_{001}^{(22)}m_{120}^{(11)}m_{401}^{(21)} + 5m_{001}^{(22)}m_{120}^{(11)}m_{311}^{(20)}\\
&-m_{001}^{(22)}m_{120}^{(11)}m_{302}^{(10)} - 2m_{001}^{(22)}m_{120}^{(11)}m_{212}^{(00)} - 3m_{001}^{(22)}m_{120}^{(20)}m_{320}^{(21)} + m_{001}^{(22)}m_{120}^{(20)}m_{311}^{(11)}\\
&+3m_{001}^{(22)}m_{120}^{(20)}m_{230}^{(20)} + m_{001}^{(22)}m_{120}^{(20)}m_{221}^{(10)} - 2m_{001}^{(22)}m_{120}^{(20)}m_{131}^{(00)} + 3m_{001}^{(22)}m_{120}^{(21)}m_{410}^{(21)}\\
&-m_{001}^{(22)}m_{120}^{(21)}m_{401}^{(11)} - 3m_{001}^{(22)}m_{120}^{(21)}m_{320}^{(20)} - m_{001}^{(22)}m_{120}^{(21)}m_{311}^{(10)} + 2m_{001}^{(22)}m_{120}^{(21)}m_{221}^{(00)}\\
&+2m_{001}^{(22)}m_{111}^{(00)}m_{230}^{(21)} - 2m_{001}^{(22)}m_{111}^{(00)}m_{221}^{(11)} - 2m_{001}^{(22)}m_{111}^{(00)}m_{140}^{(20)} + 2m_{001}^{(22)}m_{111}^{(00)}m_{131}^{(10)}\\
&-4m_{001}^{(22)}m_{111}^{(10)}m_{320}^{(21)} + 2m_{001}^{(22)}m_{111}^{(10)}m_{311}^{(11)} + 4m_{001}^{(22)}m_{111}^{(10)}m_{230}^{(20)} - 2m_{001}^{(22)}m_{111}^{(10)}m_{131}^{(00)}\\
&+2m_{001}^{(22)}m_{111}^{(11)}m_{410}^{(21)} - 2m_{001}^{(22)}m_{111}^{(11)}m_{320}^{(20)} - 2m_{001}^{(22)}m_{111}^{(11)}m_{311}^{(10)} + 2m_{001}^{(22)}m_{111}^{(11)}m_{221}^{(00)}\\
&+2m_{001}^{(22)}m_{111}^{(20)}m_{320}^{(11)} - 4m_{001}^{(22)}m_{111}^{(20)}m_{230}^{(10)} + 2m_{001}^{(22)}m_{111}^{(20)}m_{140}^{(00)} - 2m_{001}^{(22)}m_{111}^{(21)}m_{410}^{(11)}\\
&+4m_{001}^{(22)}m_{111}^{(21)}m_{320}^{(10)} - 2m_{001}^{(22)}m_{111}^{(21)}m_{230}^{(00)} + m_{001}^{(22)}m_{030}^{(00)}m_{320}^{(22)} - m_{001}^{(22)}m_{030}^{(00)}m_{311}^{(21)}\\
&-m_{001}^{(22)}m_{030}^{(00)}m_{221}^{(20)} + m_{001}^{(22)}m_{030}^{(00)}m_{212}^{(10)} - 2m_{001}^{(22)}m_{030}^{(10)}m_{410}^{(22)} + m_{001}^{(22)}m_{030}^{(10)}m_{401}^{(21)}\\
&+3m_{001}^{(22)}m_{030}^{(10)}m_{311}^{(20)} - m_{001}^{(22)}m_{030}^{(10)}m_{302}^{(10)} - m_{001}^{(22)}m_{030}^{(10)}m_{212}^{(00)} + m_{001}^{(22)}m_{030}^{(11)}m_{500}^{(22)}\\
&-2m_{001}^{(22)}m_{030}^{(11)}m_{401}^{(20)} + m_{001}^{(22)}m_{030}^{(11)}m_{302}^{(00)} + m_{001}^{(22)}m_{030}^{(20)}m_{410}^{(21)} - m_{001}^{(22)}m_{030}^{(20)}m_{320}^{(20)}\\
&-m_{001}^{(22)}m_{030}^{(20)}m_{311}^{(10)} + m_{001}^{(22)}m_{030}^{(20)}m_{221}^{(00)} - m_{001}^{(22)}m_{030}^{(21)}m_{500}^{(21)} + m_{001}^{(22)}m_{030}^{(21)}m_{410}^{(20)}\\
&+m_{001}^{(22)}m_{030}^{(21)}m_{401}^{(10)} - m_{001}^{(22)}m_{030}^{(21)}m_{311}^{(00)} - m_{001}^{(22)}m_{021}^{(00)}m_{320}^{(21)} + m_{001}^{(22)}m_{021}^{(00)}m_{311}^{(11)}\\
&+m_{001}^{(22)}m_{021}^{(00)}m_{230}^{(20)} - m_{001}^{(22)}m_{021}^{(00)}m_{221}^{(10)} + 2m_{001}^{(22)}m_{021}^{(10)}m_{410}^{(21)} - m_{001}^{(22)}m_{021}^{(10)}m_{401}^{(11)}\\
&-2m_{001}^{(22)}m_{021}^{(10)}m_{320}^{(20)} + m_{001}^{(22)}m_{021}^{(10)}m_{221}^{(00)} - m_{001}^{(22)}m_{021}^{(11)}m_{500}^{(21)} + m_{001}^{(22)}m_{021}^{(11)}m_{410}^{(20)}\\
&+m_{001}^{(22)}m_{021}^{(11)}m_{401}^{(10)} - m_{001}^{(22)}m_{021}^{(11)}m_{311}^{(00)} - m_{001}^{(22)}m_{021}^{(20)}m_{410}^{(11)} + 2m_{001}^{(22)}m_{021}^{(20)}m_{320}^{(10)}\\
&-m_{001}^{(22)}m_{021}^{(20)}m_{230}^{(00)} + m_{001}^{(22)}m_{021}^{(21)}m_{500}^{(11)} - 2m_{001}^{(22)}m_{021}^{(21)}m_{410}^{(10)} + m_{001}^{(22)}m_{021}^{(21)}m_{320}^{(00)}
\end{aligned}
$$

Generating graph:

$V1$	$V1$	1	1	1
1	1	2	2	$V2$
$V2$	2	$V3$	$V3$	3



$$
\begin{aligned}
T_{179} \;=\;& -m_{100}^{(00)} m_{120}^{(10)} m_{023}^{(22)} + 2m_{100}^{(00)} m_{120}^{(10)} m_{014}^{(21)} - m_{100}^{(00)} m_{120}^{(10)} m_{005}^{(11)} + m_{100}^{(00)} m_{120}^{(11)} m_{113}^{(22)} \\
& - m_{100}^{(00)} m_{120}^{(11)} m_{104}^{(21)} - m_{100}^{(00)} m_{120}^{(11)} m_{014}^{(20)} + m_{100}^{(00)} m_{120}^{(11)} m_{005}^{(10)} + m_{100}^{(00)} m_{120}^{(20)} m_{032}^{(22)} \\
& - 2m_{100}^{(00)} m_{120}^{(20)} m_{023}^{(21)} + m_{100}^{(00)} m_{120}^{(20)} m_{014}^{(11)} - m_{100}^{(00)} m_{120}^{(21)} m_{122}^{(22)} + m_{100}^{(00)} m_{120}^{(21)} m_{104}^{(11)} \\
& + 2m_{100}^{(00)} m_{120}^{(21)} m_{023}^{(20)} - 2m_{100}^{(00)} m_{120}^{(21)} m_{014}^{(10)} + m_{100}^{(00)} m_{120}^{(22)} m_{122}^{(21)} - m_{100}^{(00)} m_{120}^{(22)} m_{113}^{(11)} \\
& - m_{100}^{(00)} m_{120}^{(22)} m_{032}^{(20)} + m_{100}^{(00)} m_{120}^{(22)} m_{023}^{(10)} + 2m_{100}^{(00)} m_{111}^{(10)} m_{032}^{(22)} - 4m_{100}^{(00)} m_{111}^{(10)} m_{023}^{(21)} \\
& + 2m_{100}^{(00)} m_{111}^{(10)} m_{014}^{(11)} - 2m_{100}^{(00)} m_{111}^{(11)} m_{122}^{(22)} + 2m_{100}^{(00)} m_{111}^{(11)} m_{113}^{(21)} + 2m_{100}^{(00)} m_{111}^{(11)} m_{023}^{(20)} \\
& - 2m_{100}^{(00)} m_{111}^{(11)} m_{014}^{(10)} - 2m_{100}^{(00)} m_{111}^{(20)} m_{041}^{(22)} + 4m_{100}^{(00)} m_{111}^{(20)} m_{032}^{(21)} - 2m_{100}^{(00)} m_{111}^{(20)} m_{023}^{(11)} \\
& + 2m_{100}^{(00)} m_{111}^{(21)} m_{131}^{(22)} - 2m_{100}^{(00)} m_{111}^{(21)} m_{113}^{(11)} - 4m_{100}^{(00)} m_{111}^{(21)} m_{032}^{(20)} + 4m_{100}^{(00)} m_{111}^{(21)} m_{023}^{(10)} \\
& - 2m_{100}^{(00)} m_{111}^{(22)} m_{131}^{(21)} + 2m_{100}^{(00)} m_{111}^{(22)} m_{122}^{(11)} + 2m_{100}^{(00)} m_{111}^{(22)} m_{041}^{(20)} - 2m_{100}^{(00)} m_{111}^{(22)} m_{032}^{(10)} \\
& - m_{100}^{(00)} m_{102}^{(10)} m_{041}^{(22)} + 2m_{100}^{(00)} m_{102}^{(10)} m_{032}^{(21)} - m_{100}^{(00)} m_{102}^{(10)} m_{023}^{(11)} + m_{100}^{(00)} m_{102}^{(11)} m_{131}^{(22)} \\
& - m_{100}^{(00)} m_{102}^{(11)} m_{122}^{(21)} - m_{100}^{(00)} m_{102}^{(11)} m_{032}^{(20)} + m_{100}^{(00)} m_{102}^{(11)} m_{023}^{(10)} + m_{100}^{(00)} m_{102}^{(20)} m_{050}^{(22)} \\
& - 2m_{100}^{(00)} m_{102}^{(20)} m_{041}^{(21)} + m_{100}^{(00)} m_{102}^{(20)} m_{032}^{(11)} - m_{100}^{(00)} m_{102}^{(21)} m_{140}^{(22)} + m_{100}^{(00)} m_{102}^{(21)} m_{122}^{(11)} \\
& + 2m_{100}^{(00)} m_{102}^{(21)} m_{041}^{(20)} - 2m_{100}^{(00)} m_{102}^{(21)} m_{032}^{(10)} + m_{100}^{(00)} m_{102}^{(22)} m_{140}^{(21)} - m_{100}^{(00)} m_{102}^{(22)} m_{131}^{(11)} \\
& - m_{100}^{(00)} m_{102}^{(22)} m_{050}^{(20)} + m_{100}^{(00)} m_{102}^{(22)} m_{041}^{(10)} + m_{100}^{(00)} m_{030}^{(00)} m_{023}^{(22)} - 2m_{100}^{(00)} m_{030}^{(00)} m_{014}^{(21)} \\
& + m_{100}^{(00)} m_{030}^{(00)} m_{005}^{(11)} - m_{100}^{(00)} m_{030}^{(10)} m_{113}^{(22)} + m_{100}^{(00)} m_{030}^{(10)} m_{104}^{(21)} + m_{100}^{(00)} m_{030}^{(10)} m_{014}^{(20)} \\
& - m_{100}^{(00)} m_{030}^{(10)} m_{005}^{(10)} - m_{100}^{(00)} m_{030}^{(20)} m_{122}^{(22)} + 3m_{100}^{(00)} m_{030}^{(20)} m_{113}^{(21)} - 2m_{100}^{(00)} m_{030}^{(20)} m_{104}^{(11)} \\
& - m_{100}^{(00)} m_{030}^{(20)} m_{023}^{(20)} + m_{100}^{(00)} m_{030}^{(20)} m_{014}^{(10)} + m_{100}^{(00)} m_{030}^{(21)} m_{212}^{(22)} - m_{100}^{(00)} m_{030}^{(21)} m_{203}^{(21)} \\
& - m_{100}^{(00)} m_{030}^{(21)} m_{113}^{(20)} + m_{100}^{(00)} m_{030}^{(21)} m_{104}^{(10)} - m_{100}^{(00)} m_{030}^{(22)} m_{212}^{(21)} + m_{100}^{(00)} m_{030}^{(22)} m_{203}^{(11)} \\
& + m_{100}^{(00)} m_{030}^{(22)} m_{122}^{(20)} - m_{100}^{(00)} m_{030}^{(22)} m_{113}^{(10)} - 3m_{100}^{(00)} m_{021}^{(00)} m_{032}^{(22)} + 6m_{100}^{(00)} m_{021}^{(00)} m_{023}^{(21)} \\
& - 3m_{100}^{(00)} m_{021}^{(00)} m_{014}^{(11)} + 4m_{100}^{(00)} m_{021}^{(10)} m_{122}^{(22)} - 5m_{100}^{(00)} m_{021}^{(10)} m_{113}^{(21)} + m_{100}^{(00)} m_{021}^{(10)} m_{104}^{(11)} \\
& - 3m_{100}^{(00)} m_{021}^{(10)} m_{023}^{(20)} + 3m_{100}^{(00)} m_{021}^{(10)} m_{014}^{(10)} - m_{100}^{(00)} m_{021}^{(11)} m_{212}^{(22)} + m_{100}^{(00)} m_{021}^{(11)} m_{203}^{(21)} \\
& + m_{100}^{(00)} m_{021}^{(11)} m_{113}^{(20)} - m_{100}^{(00)} m_{021}^{(11)} m_{104}^{(10)} + 2m_{100}^{(00)} m_{021}^{(20)} m_{131}^{(22)} - 7m_{100}^{(00)} m_{021}^{(20)} m_{122}^{(21)} \\
& + 5m_{100}^{(00)} m_{021}^{(20)} m_{113}^{(11)} + 3m_{100}^{(00)} m_{021}^{(20)} m_{032}^{(20)} - 3m_{100}^{(00)} m_{021}^{(20)} m_{023}^{(10)} - 2m_{100}^{(00)} m_{021}^{(21)} m_{221}^{(22)} \\
& + 3m_{100}^{(00)} m_{021}^{(21)} m_{212}^{(21)} - m_{100}^{(00)} m_{021}^{(21)} m_{203}^{(11)} + m_{100}^{(00)} m_{021}^{(21)} m_{122}^{(20)} - m_{100}^{(00)} m_{021}^{(21)} m_{113}^{(10)} \\
& + 2m_{100}^{(00)} m_{021}^{(22)} m_{221}^{(21)} - 2m_{100}^{(00)} m_{021}^{(22)} m_{212}^{(11)} - 2m_{100}^{(00)} m_{021}^{(22)} m_{131}^{(20)} + 2m_{100}^{(00)} m_{021}^{(22)} m_{122}^{(10)} \\
& + 3m_{100}^{(00)} m_{012}^{(00)} m_{041}^{(22)} - 6m_{100}^{(00)} m_{012}^{(00)} m_{032}^{(21)} + 3m_{100}^{(00)} m_{012}^{(00)} m_{023}^{(11)} - 5m_{100}^{(00)} m_{012}^{(10)} m_{131}^{(22)} \\
& + 7m_{100}^{(00)} m_{012}^{(10)} m_{122}^{(21)} - 2m_{100}^{(00)} m_{012}^{(10)} m_{113}^{(11)} + 3m_{100}^{(00)} m_{012}^{(10)} m_{032}^{(20)} - 3m_{100}^{(00)} m_{012}^{(10)} m_{023}^{(10)} \\
& + 2m_{100}^{(00)} m_{012}^{(11)} m_{221}^{(22)} - 2m_{100}^{(00)} m_{012}^{(11)} m_{212}^{(21)} - 2m_{100}^{(00)} m_{012}^{(11)} m_{122}^{(20)} + 2m_{100}^{(00)} m_{012}^{(11)} m_{113}^{(10)}
\end{aligned}
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\begin{aligned}
&-m_{100}^{(00)}m_{012}^{(20)}m_{140}^{(22)}+5m_{100}^{(00)}m_{012}^{(20)}m_{131}^{(21)}-4m_{100}^{(00)}m_{012}^{(20)}m_{122}^{(11)}-3m_{100}^{(00)}m_{012}^{(20)}m_{041}^{(20)}\\
&+3m_{100}^{(00)}m_{012}^{(20)}m_{032}^{(10)}+m_{100}^{(00)}m_{012}^{(21)}m_{230}^{(22)}-3m_{100}^{(00)}m_{012}^{(21)}m_{221}^{(21)}+2m_{100}^{(00)}m_{012}^{(21)}m_{212}^{(11)}\\
&+m_{100}^{(00)}m_{012}^{(21)}m_{131}^{(20)}-m_{100}^{(00)}m_{012}^{(21)}m_{122}^{(10)}-m_{100}^{(00)}m_{012}^{(22)}m_{230}^{(21)}+m_{100}^{(00)}m_{012}^{(22)}m_{221}^{(11)}\\
&+m_{100}^{(00)}m_{012}^{(22)}m_{140}^{(20)}-m_{100}^{(00)}m_{012}^{(22)}m_{131}^{(10)}-m_{100}^{(00)}m_{003}^{(00)}m_{050}^{(22)}+2m_{100}^{(00)}m_{003}^{(00)}m_{041}^{(21)}\\
&-m_{100}^{(00)}m_{003}^{(00)}m_{032}^{(11)}+2m_{100}^{(00)}m_{003}^{(10)}m_{140}^{(22)}-3m_{100}^{(00)}m_{003}^{(10)}m_{131}^{(21)}+m_{100}^{(00)}m_{003}^{(10)}m_{122}^{(11)}\\
&-m_{100}^{(00)}m_{003}^{(10)}m_{041}^{(20)}+m_{100}^{(00)}m_{003}^{(10)}m_{032}^{(10)}-m_{100}^{(00)}m_{003}^{(11)}m_{230}^{(22)}+m_{100}^{(00)}m_{003}^{(11)}m_{221}^{(21)}\\
&+m_{100}^{(00)}m_{003}^{(11)}m_{131}^{(20)}-m_{100}^{(00)}m_{003}^{(11)}m_{122}^{(10)}-m_{100}^{(00)}m_{003}^{(20)}m_{140}^{(21)}+m_{100}^{(00)}m_{003}^{(20)}m_{131}^{(11)}\\
&+m_{100}^{(00)}m_{003}^{(20)}m_{050}^{(20)}-m_{100}^{(00)}m_{003}^{(20)}m_{041}^{(10)}+m_{100}^{(00)}m_{003}^{(21)}m_{230}^{(21)}-m_{100}^{(00)}m_{003}^{(21)}m_{221}^{(11)}\\
&-m_{100}^{(00)}m_{003}^{(21)}m_{140}^{(20)}+m_{100}^{(00)}m_{003}^{(21)}m_{131}^{(10)}+m_{100}^{(10)}m_{210}^{(10)}m_{023}^{(22)}-2m_{100}^{(10)}m_{210}^{(10)}m_{014}^{(21)}\\
&+m_{100}^{(10)}m_{210}^{(10)}m_{005}^{(11)}-m_{100}^{(10)}m_{210}^{(11)}m_{113}^{(22)}+m_{100}^{(10)}m_{210}^{(11)}m_{104}^{(21)}+m_{100}^{(10)}m_{210}^{(11)}m_{014}^{(20)}\\
&-m_{100}^{(10)}m_{210}^{(11)}m_{005}^{(10)}-m_{100}^{(10)}m_{210}^{(20)}m_{032}^{(22)}+2m_{100}^{(10)}m_{210}^{(20)}m_{023}^{(21)}-m_{100}^{(10)}m_{210}^{(20)}m_{014}^{(11)}\\
&+m_{100}^{(10)}m_{210}^{(21)}m_{122}^{(22)}-m_{100}^{(10)}m_{210}^{(21)}m_{104}^{(11)}-2m_{100}^{(10)}m_{210}^{(21)}m_{023}^{(20)}+2m_{100}^{(10)}m_{210}^{(21)}m_{014}^{(10)}\\
&-m_{100}^{(10)}m_{210}^{(22)}m_{122}^{(21)}+m_{100}^{(10)}m_{210}^{(22)}m_{113}^{(11)}+m_{100}^{(10)}m_{210}^{(22)}m_{032}^{(20)}-m_{100}^{(10)}m_{210}^{(22)}m_{023}^{(10)}\\
&-m_{100}^{(10)}m_{201}^{(10)}m_{032}^{(22)}+2m_{100}^{(10)}m_{201}^{(10)}m_{023}^{(21)}-m_{100}^{(10)}m_{201}^{(10)}m_{014}^{(11)}+m_{100}^{(10)}m_{201}^{(11)}m_{122}^{(22)}\\
&-m_{100}^{(10)}m_{201}^{(11)}m_{113}^{(21)}-m_{100}^{(10)}m_{201}^{(11)}m_{023}^{(20)}+m_{100}^{(10)}m_{201}^{(11)}m_{014}^{(10)}+m_{100}^{(10)}m_{201}^{(20)}m_{041}^{(22)}\\
&-2m_{100}^{(10)}m_{201}^{(20)}m_{032}^{(21)}+m_{100}^{(10)}m_{201}^{(20)}m_{023}^{(11)}-m_{100}^{(10)}m_{201}^{(21)}m_{131}^{(22)}+m_{100}^{(10)}m_{201}^{(21)}m_{113}^{(11)}\\
&+2m_{100}^{(10)}m_{201}^{(21)}m_{032}^{(20)}-2m_{100}^{(10)}m_{201}^{(21)}m_{023}^{(10)}+m_{100}^{(10)}m_{201}^{(22)}m_{131}^{(21)}-m_{100}^{(10)}m_{201}^{(22)}m_{122}^{(11)}\\
&-m_{100}^{(10)}m_{201}^{(22)}m_{041}^{(20)}+m_{100}^{(10)}m_{201}^{(22)}m_{032}^{(10)}-m_{100}^{(10)}m_{120}^{(00)}m_{023}^{(22)}+2m_{100}^{(10)}m_{120}^{(00)}m_{014}^{(21)}\\
&-m_{100}^{(10)}m_{120}^{(00)}m_{005}^{(11)}+2m_{100}^{(10)}m_{120}^{(10)}m_{113}^{(22)}-2m_{100}^{(10)}m_{120}^{(10)}m_{104}^{(21)}-2m_{100}^{(10)}m_{120}^{(10)}m_{014}^{(20)}\\
&+2m_{100}^{(10)}m_{120}^{(10)}m_{005}^{(10)}-m_{100}^{(10)}m_{120}^{(11)}m_{203}^{(22)}+2m_{100}^{(10)}m_{120}^{(11)}m_{104}^{(20)}-m_{100}^{(10)}m_{120}^{(11)}m_{005}^{(00)}\\
&-2m_{100}^{(10)}m_{120}^{(20)}m_{113}^{(21)}+2m_{100}^{(10)}m_{120}^{(20)}m_{104}^{(11)}+2m_{100}^{(10)}m_{120}^{(20)}m_{023}^{(20)}-2m_{100}^{(10)}m_{120}^{(20)}m_{014}^{(10)}\\
&+2m_{100}^{(10)}m_{120}^{(21)}m_{203}^{(21)}-2m_{100}^{(10)}m_{120}^{(21)}m_{113}^{(20)}-2m_{100}^{(10)}m_{120}^{(21)}m_{104}^{(10)}+2m_{100}^{(10)}m_{120}^{(21)}m_{014}^{(00)}\\
&-m_{100}^{(10)}m_{120}^{(22)}m_{203}^{(11)}+2m_{100}^{(10)}m_{120}^{(22)}m_{113}^{(10)}-m_{100}^{(10)}m_{120}^{(22)}m_{023}^{(00)}+2m_{100}^{(10)}m_{111}^{(00)}m_{032}^{(22)}\\
&-4m_{100}^{(10)}m_{111}^{(00)}m_{023}^{(21)}+2m_{100}^{(10)}m_{111}^{(00)}m_{014}^{(11)}-6m_{100}^{(10)}m_{111}^{(10)}m_{122}^{(22)}+8m_{100}^{(10)}m_{111}^{(10)}m_{113}^{(21)}\\
&-2m_{100}^{(10)}m_{111}^{(10)}m_{104}^{(11)}+4m_{100}^{(10)}m_{111}^{(10)}m_{023}^{(20)}-4m_{100}^{(10)}m_{111}^{(10)}m_{014}^{(10)}+4m_{100}^{(10)}m_{111}^{(11)}m_{212}^{(22)}\\
&-2m_{100}^{(10)}m_{111}^{(11)}m_{203}^{(21)}-6m_{100}^{(10)}m_{111}^{(11)}m_{113}^{(20)}+2m_{100}^{(10)}m_{111}^{(11)}m_{104}^{(10)}+2m_{100}^{(10)}m_{111}^{(11)}m_{014}^{(00)}\\
&+2m_{100}^{(10)}m_{111}^{(20)}m_{131}^{(22)}-2m_{100}^{(10)}m_{111}^{(20)}m_{113}^{(11)}-4m_{100}^{(10)}m_{111}^{(20)}m_{032}^{(20)}+4m_{100}^{(10)}m_{111}^{(20)}m_{023}^{(10)}\\
&-2m_{100}^{(10)}m_{111}^{(21)}m_{221}^{(22)}-4m_{100}^{(10)}m_{111}^{(21)}m_{212}^{(21)}+2m_{100}^{(10)}m_{111}^{(21)}m_{203}^{(11)}+8m_{100}^{(10)}m_{111}^{(21)}m_{122}^{(20)}\\
&-4m_{100}^{(10)}m_{111}^{(21)}m_{023}^{(00)}+2m_{100}^{(10)}m_{111}^{(22)}m_{221}^{(21)}-2m_{100}^{(10)}m_{111}^{(22)}m_{131}^{(20)}-2m_{100}^{(10)}m_{111}^{(22)}m_{122}^{(10)}\\
&+2m_{100}^{(10)}m_{111}^{(22)}m_{032}^{(00)}-m_{100}^{(10)}m_{102}^{(00)}m_{041}^{(22)}+2m_{100}^{(10)}m_{102}^{(00)}m_{032}^{(21)}-m_{100}^{(10)}m_{102}^{(00)}m_{023}^{(11)}\\
&+4m_{100}^{(10)}m_{102}^{(10)}m_{131}^{(22)}-6m_{100}^{(10)}m_{102}^{(10)}m_{122}^{(21)}+2m_{100}^{(10)}m_{102}^{(10)}m_{113}^{(11)}-2m_{100}^{(10)}m_{102}^{(10)}m_{032}^{(20)}\\
&+2m_{100}^{(10)}m_{102}^{(10)}m_{023}^{(10)}-3m_{100}^{(10)}m_{102}^{(11)}m_{221}^{(22)}+2m_{100}^{(10)}m_{102}^{(11)}m_{212}^{(21)}+4m_{100}^{(10)}m_{102}^{(11)}m_{122}^{(20)}\\
&-2m_{100}^{(10)}m_{102}^{(11)}m_{113}^{(10)}-m_{100}^{(10)}m_{102}^{(11)}m_{023}^{(00)}-2m_{100}^{(10)}m_{102}^{(20)}m_{140}^{(22)}+2m_{100}^{(10)}m_{102}^{(20)}m_{131}^{(21)}\\
&+2m_{100}^{(10)}m_{102}^{(20)}m_{041}^{(20)}-2m_{100}^{(10)}m_{102}^{(20)}m_{032}^{(10)}+2m_{100}^{(10)}m_{102}^{(21)}m_{230}^{(22)}+2m_{100}^{(10)}m_{102}^{(21)}m_{221}^{(21)}\\
&-2m_{100}^{(10)}m_{102}^{(21)}m_{212}^{(11)}-6m_{100}^{(10)}m_{102}^{(21)}m_{131}^{(20)}+2m_{100}^{(10)}m_{102}^{(21)}m_{122}^{(10)}+2m_{100}^{(10)}m_{102}^{(21)}m_{032}^{(00)}\\
&-2m_{100}^{(10)}m_{102}^{(22)}m_{230}^{(21)}+m_{100}^{(10)}m_{102}^{(22)}m_{221}^{(11)}+2m_{100}^{(10)}m_{102}^{(22)}m_{140}^{(20)}-m_{100}^{(10)}m_{102}^{(22)}m_{041}^{(00)}\\
&-m_{100}^{(10)}m_{030}^{(00)}m_{113}^{(22)}+m_{100}^{(10)}m_{030}^{(00)}m_{104}^{(21)}+m_{100}^{(10)}m_{030}^{(00)}m_{014}^{(20)}-m_{100}^{(10)}m_{030}^{(00)}m_{005}^{(10)}\\
&+m_{100}^{(10)}m_{030}^{(10)}m_{203}^{(22)}-2m_{100}^{(10)}m_{030}^{(10)}m_{104}^{(20)}+m_{100}^{(10)}m_{030}^{(10)}m_{005}^{(00)}+m_{100}^{(10)}m_{030}^{(20)}m_{212}^{(22)}
\end{aligned}
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\begin{aligned}
&-2m_{100}^{(10)}m_{030}^{(20)}m_{203}^{(21)}+2m_{100}^{(10)}m_{030}^{(20)}m_{104}^{(10)}-m_{100}^{(10)}m_{030}^{(20)}m_{014}^{(00)}-m_{100}^{(10)}m_{030}^{(21)}m_{302}^{(22)}\\
&+2m_{100}^{(10)}m_{030}^{(21)}m_{203}^{(20)}-m_{100}^{(10)}m_{030}^{(21)}m_{104}^{(00)}+m_{100}^{(10)}m_{030}^{(22)}m_{302}^{(21)}-m_{100}^{(10)}m_{030}^{(22)}m_{212}^{(20)}\\
&-m_{100}^{(10)}m_{030}^{(22)}m_{203}^{(10)}+m_{100}^{(10)}m_{030}^{(22)}m_{113}^{(00)}+4m_{100}^{(10)}m_{021}^{(00)}m_{122}^{(22)}-5m_{100}^{(10)}m_{021}^{(00)}m_{113}^{(21)}\\
&+m_{100}^{(10)}m_{021}^{(00)}m_{104}^{(11)}-3m_{100}^{(10)}m_{021}^{(00)}m_{023}^{(20)}+3m_{100}^{(10)}m_{021}^{(00)}m_{014}^{(10)}-5m_{100}^{(10)}m_{021}^{(10)}m_{212}^{(22)}\\
&+2m_{100}^{(10)}m_{021}^{(10)}m_{203}^{(21)}+8m_{100}^{(10)}m_{021}^{(10)}m_{113}^{(20)}-2m_{100}^{(10)}m_{021}^{(10)}m_{104}^{(10)}-3m_{100}^{(10)}m_{021}^{(10)}m_{014}^{(00)}\\
&+m_{100}^{(10)}m_{021}^{(11)}m_{302}^{(22)}-2m_{100}^{(10)}m_{021}^{(11)}m_{203}^{(20)}+m_{100}^{(10)}m_{021}^{(11)}m_{104}^{(00)}-3m_{100}^{(10)}m_{021}^{(20)}m_{221}^{(22)}\\
&+8m_{100}^{(10)}m_{021}^{(20)}m_{212}^{(21)}-2m_{100}^{(10)}m_{021}^{(20)}m_{203}^{(11)}-2m_{100}^{(10)}m_{021}^{(20)}m_{122}^{(20)}-4m_{100}^{(10)}m_{021}^{(20)}m_{113}^{(10)}\\
&+3m_{100}^{(10)}m_{021}^{(20)}m_{023}^{(00)}+3m_{100}^{(10)}m_{021}^{(21)}m_{311}^{(22)}-2m_{100}^{(10)}m_{021}^{(21)}m_{302}^{(21)}-4m_{100}^{(10)}m_{021}^{(21)}m_{212}^{(20)}\\
&+2m_{100}^{(10)}m_{021}^{(21)}m_{203}^{(10)}+m_{100}^{(10)}m_{021}^{(21)}m_{113}^{(00)}-3m_{100}^{(10)}m_{021}^{(22)}m_{311}^{(21)}+m_{100}^{(10)}m_{021}^{(22)}m_{302}^{(11)}\\
&+3m_{100}^{(10)}m_{021}^{(22)}m_{221}^{(20)}+m_{100}^{(10)}m_{021}^{(22)}m_{212}^{(10)}-2m_{100}^{(10)}m_{021}^{(22)}m_{122}^{(00)}-5m_{100}^{(10)}m_{012}^{(00)}m_{131}^{(22)}\\
&+7m_{100}^{(10)}m_{012}^{(00)}m_{122}^{(21)}-2m_{100}^{(10)}m_{012}^{(00)}m_{113}^{(11)}+3m_{100}^{(10)}m_{012}^{(00)}m_{032}^{(20)}-3m_{100}^{(10)}m_{012}^{(00)}m_{023}^{(10)}\\
&+8m_{100}^{(10)}m_{012}^{(10)}m_{221}^{(22)}-6m_{100}^{(10)}m_{012}^{(10)}m_{212}^{(21)}+m_{100}^{(10)}m_{012}^{(10)}m_{203}^{(11)}-10m_{100}^{(10)}m_{012}^{(10)}m_{122}^{(20)}\\
&+4m_{100}^{(10)}m_{012}^{(10)}m_{113}^{(10)}+3m_{100}^{(10)}m_{012}^{(10)}m_{023}^{(00)}-3m_{100}^{(10)}m_{012}^{(11)}m_{311}^{(22)}+m_{100}^{(10)}m_{012}^{(11)}m_{302}^{(21)}\\
&+5m_{100}^{(10)}m_{012}^{(11)}m_{212}^{(20)}-m_{100}^{(10)}m_{012}^{(11)}m_{203}^{(10)}-2m_{100}^{(10)}m_{012}^{(11)}m_{113}^{(00)}+2m_{100}^{(10)}m_{012}^{(20)}m_{230}^{(22)}\\
&-8m_{100}^{(10)}m_{012}^{(20)}m_{221}^{(21)}+3m_{100}^{(10)}m_{012}^{(20)}m_{212}^{(11)}+4m_{100}^{(10)}m_{012}^{(20)}m_{131}^{(20)}+2m_{100}^{(10)}m_{012}^{(20)}m_{122}^{(10)}\\
&-3m_{100}^{(10)}m_{012}^{(20)}m_{032}^{(00)}-2m_{100}^{(10)}m_{012}^{(21)}m_{320}^{(22)}+4m_{100}^{(10)}m_{012}^{(21)}m_{311}^{(21)}-m_{100}^{(10)}m_{012}^{(21)}m_{302}^{(11)}\\
&-2m_{100}^{(10)}m_{012}^{(21)}m_{212}^{(10)}+m_{100}^{(10)}m_{012}^{(21)}m_{122}^{(00)}+2m_{100}^{(10)}m_{012}^{(22)}m_{320}^{(21)}-m_{100}^{(10)}m_{012}^{(22)}m_{311}^{(11)}\\
&-2m_{100}^{(10)}m_{012}^{(22)}m_{230}^{(20)}+m_{100}^{(10)}m_{012}^{(22)}m_{131}^{(00)}+2m_{100}^{(10)}m_{003}^{(00)}m_{140}^{(22)}-3m_{100}^{(10)}m_{003}^{(00)}m_{131}^{(21)}\\
&+m_{100}^{(10)}m_{003}^{(00)}m_{122}^{(11)}-m_{100}^{(10)}m_{003}^{(00)}m_{041}^{(20)}+m_{100}^{(10)}m_{003}^{(00)}m_{032}^{(10)}-4m_{100}^{(10)}m_{003}^{(10)}m_{230}^{(22)}\\
&+4m_{100}^{(10)}m_{003}^{(10)}m_{221}^{(21)}-m_{100}^{(10)}m_{003}^{(10)}m_{212}^{(11)}+4m_{100}^{(10)}m_{003}^{(10)}m_{131}^{(20)}-2m_{100}^{(10)}m_{003}^{(10)}m_{122}^{(10)}\\
&-m_{100}^{(10)}m_{003}^{(10)}m_{032}^{(00)}+2m_{100}^{(10)}m_{003}^{(11)}m_{320}^{(22)}-m_{100}^{(10)}m_{003}^{(11)}m_{311}^{(21)}-3m_{100}^{(10)}m_{003}^{(11)}m_{221}^{(20)}\\
&+m_{100}^{(10)}m_{003}^{(11)}m_{212}^{(10)}+m_{100}^{(10)}m_{003}^{(11)}m_{122}^{(00)}+2m_{100}^{(10)}m_{003}^{(20)}m_{230}^{(21)}-m_{100}^{(10)}m_{003}^{(20)}m_{221}^{(11)}\\
&-2m_{100}^{(10)}m_{003}^{(20)}m_{140}^{(20)}+m_{100}^{(10)}m_{003}^{(20)}m_{041}^{(00)}-2m_{100}^{(10)}m_{003}^{(21)}m_{320}^{(21)}+m_{100}^{(10)}m_{003}^{(21)}m_{311}^{(11)}\\
&+2m_{100}^{(10)}m_{003}^{(21)}m_{230}^{(20)}-m_{100}^{(10)}m_{003}^{(21)}m_{131}^{(00)}-m_{100}^{(11)}m_{210}^{(10)}m_{113}^{(22)}+m_{100}^{(11)}m_{210}^{(10)}m_{104}^{(21)}\\
&+m_{100}^{(11)}m_{210}^{(10)}m_{014}^{(20)}-m_{100}^{(11)}m_{210}^{(10)}m_{005}^{(10)}+m_{100}^{(11)}m_{210}^{(11)}m_{203}^{(22)}-2m_{100}^{(11)}m_{210}^{(11)}m_{104}^{(20)}\\
&+m_{100}^{(11)}m_{210}^{(11)}m_{005}^{(00)}+m_{100}^{(11)}m_{210}^{(20)}m_{122}^{(22)}-m_{100}^{(11)}m_{210}^{(20)}m_{113}^{(21)}-m_{100}^{(11)}m_{210}^{(20)}m_{023}^{(20)}\\
&+m_{100}^{(11)}m_{210}^{(20)}m_{014}^{(10)}-m_{100}^{(11)}m_{210}^{(21)}m_{212}^{(22)}-m_{100}^{(11)}m_{210}^{(21)}m_{203}^{(21)}+3m_{100}^{(11)}m_{210}^{(21)}m_{113}^{(20)}\\
&+m_{100}^{(11)}m_{210}^{(21)}m_{104}^{(10)}-2m_{100}^{(11)}m_{210}^{(21)}m_{014}^{(00)}+m_{100}^{(11)}m_{210}^{(22)}m_{212}^{(21)}-m_{100}^{(11)}m_{210}^{(22)}m_{122}^{(20)}\\
&-m_{100}^{(11)}m_{210}^{(22)}m_{113}^{(10)}+m_{100}^{(11)}m_{210}^{(22)}m_{023}^{(00)}+m_{100}^{(11)}m_{201}^{(10)}m_{122}^{(22)}-m_{100}^{(11)}m_{201}^{(10)}m_{113}^{(21)}\\
&-m_{100}^{(11)}m_{201}^{(10)}m_{023}^{(20)}+m_{100}^{(11)}m_{201}^{(10)}m_{014}^{(10)}-m_{100}^{(11)}m_{201}^{(11)}m_{212}^{(22)}+2m_{100}^{(11)}m_{201}^{(11)}m_{113}^{(20)}\\
&-m_{100}^{(11)}m_{201}^{(11)}m_{014}^{(00)}-m_{100}^{(11)}m_{201}^{(20)}m_{131}^{(22)}+m_{100}^{(11)}m_{201}^{(20)}m_{122}^{(21)}+m_{100}^{(11)}m_{201}^{(20)}m_{032}^{(20)}\\
&-m_{100}^{(11)}m_{201}^{(20)}m_{023}^{(10)}+m_{100}^{(11)}m_{201}^{(21)}m_{221}^{(22)}+m_{100}^{(11)}m_{201}^{(21)}m_{212}^{(21)}-3m_{100}^{(11)}m_{201}^{(21)}m_{122}^{(20)}\\
&-m_{100}^{(11)}m_{201}^{(21)}m_{113}^{(10)}+2m_{100}^{(11)}m_{201}^{(21)}m_{023}^{(00)}-m_{100}^{(11)}m_{201}^{(22)}m_{221}^{(21)}+m_{100}^{(11)}m_{201}^{(22)}m_{131}^{(20)}\\
&+m_{100}^{(11)}m_{201}^{(22)}m_{122}^{(10)}-m_{100}^{(11)}m_{201}^{(22)}m_{032}^{(00)}+m_{100}^{(11)}m_{120}^{(00)}m_{113}^{(22)}-m_{100}^{(11)}m_{120}^{(00)}m_{104}^{(21)}\\
&-m_{100}^{(11)}m_{120}^{(00)}m_{014}^{(20)}+m_{100}^{(11)}m_{120}^{(00)}m_{005}^{(10)}-m_{100}^{(11)}m_{120}^{(10)}m_{203}^{(22)}+2m_{100}^{(11)}m_{120}^{(10)}m_{104}^{(20)}\\
&-m_{100}^{(11)}m_{120}^{(10)}m_{005}^{(00)}-m_{100}^{(11)}m_{120}^{(20)}m_{212}^{(22)}+2m_{100}^{(11)}m_{120}^{(20)}m_{203}^{(21)}-2m_{100}^{(11)}m_{120}^{(20)}m_{104}^{(10)}\\
&+m_{100}^{(11)}m_{120}^{(20)}m_{014}^{(00)}+m_{100}^{(11)}m_{120}^{(21)}m_{302}^{(22)}-2m_{100}^{(11)}m_{120}^{(21)}m_{203}^{(20)}+m_{100}^{(11)}m_{120}^{(21)}m_{104}^{(00)}\\
&-m_{100}^{(11)}m_{120}^{(22)}m_{302}^{(21)}+m_{100}^{(11)}m_{120}^{(22)}m_{212}^{(20)}+m_{100}^{(11)}m_{120}^{(22)}m_{203}^{(10)}-m_{100}^{(11)}m_{120}^{(22)}m_{113}^{(00)}
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\begin{aligned}
&-2m_{100}^{(11)}m_{111}^{(00)}m_{122}^{(22)} + 2m_{100}^{(11)}m_{111}^{(00)}m_{113}^{(21)} + 2m_{100}^{(11)}m_{111}^{(00)}m_{023}^{(20)} - 2m_{100}^{(11)}m_{111}^{(00)}m_{014}^{(10)}\\
&+4m_{100}^{(11)}m_{111}^{(10)}m_{212}^{(22)} - 2m_{100}^{(11)}m_{111}^{(10)}m_{203}^{(21)} - 6m_{100}^{(11)}m_{111}^{(10)}m_{113}^{(20)} + 2m_{100}^{(11)}m_{111}^{(10)}m_{104}^{(10)}\\
&+2m_{100}^{(11)}m_{111}^{(10)}m_{014}^{(00)} - 2m_{100}^{(11)}m_{111}^{(11)}m_{302}^{(22)} + 4m_{100}^{(11)}m_{111}^{(11)}m_{203}^{(20)} - 2m_{100}^{(11)}m_{111}^{(11)}m_{104}^{(00)}\\
&-2m_{100}^{(11)}m_{111}^{(20)}m_{212}^{(21)} + 2m_{100}^{(11)}m_{111}^{(20)}m_{122}^{(20)} + 2m_{100}^{(11)}m_{111}^{(20)}m_{113}^{(10)} - 2m_{100}^{(11)}m_{111}^{(20)}m_{023}^{(00)}\\
&+2m_{100}^{(11)}m_{111}^{(21)}m_{302}^{(21)} - 2m_{100}^{(11)}m_{111}^{(21)}m_{212}^{(20)} - 2m_{100}^{(11)}m_{111}^{(21)}m_{203}^{(10)} + 2m_{100}^{(11)}m_{111}^{(21)}m_{113}^{(00)}\\
&+m_{100}^{(11)}m_{102}^{(00)}m_{131}^{(22)} - m_{100}^{(11)}m_{102}^{(00)}m_{122}^{(21)} - m_{100}^{(11)}m_{102}^{(00)}m_{032}^{(20)} + m_{100}^{(11)}m_{102}^{(00)}m_{023}^{(10)}\\
&-3m_{100}^{(11)}m_{102}^{(10)}m_{221}^{(22)} + 2m_{100}^{(11)}m_{102}^{(10)}m_{212}^{(21)} + 4m_{100}^{(11)}m_{102}^{(10)}m_{122}^{(20)} - 2m_{100}^{(11)}m_{102}^{(10)}m_{113}^{(10)}\\
&-m_{100}^{(11)}m_{102}^{(10)}m_{023}^{(00)} + 2m_{100}^{(11)}m_{102}^{(11)}m_{311}^{(22)} - 4m_{100}^{(11)}m_{102}^{(11)}m_{212}^{(20)} + 2m_{100}^{(11)}m_{102}^{(11)}m_{113}^{(00)}\\
&+m_{100}^{(11)}m_{102}^{(20)}m_{230}^{(22)} - 2m_{100}^{(11)}m_{102}^{(20)}m_{131}^{(20)} + m_{100}^{(11)}m_{102}^{(20)}m_{032}^{(00)} - m_{100}^{(11)}m_{102}^{(21)}m_{320}^{(22)}\\
&-2m_{100}^{(11)}m_{102}^{(21)}m_{311}^{(21)} + 4m_{100}^{(11)}m_{102}^{(21)}m_{221}^{(20)} + 2m_{100}^{(11)}m_{102}^{(21)}m_{212}^{(10)} - 3m_{100}^{(11)}m_{102}^{(21)}m_{122}^{(00)}\\
&+m_{100}^{(11)}m_{102}^{(22)}m_{320}^{(21)} - m_{100}^{(11)}m_{102}^{(22)}m_{230}^{(20)} - m_{100}^{(11)}m_{102}^{(22)}m_{221}^{(10)} + m_{100}^{(11)}m_{102}^{(22)}m_{131}^{(00)}\\
&-m_{100}^{(11)}m_{021}^{(00)}m_{212}^{(22)} + m_{100}^{(11)}m_{021}^{(00)}m_{203}^{(21)} + m_{100}^{(11)}m_{021}^{(00)}m_{113}^{(20)} - m_{100}^{(11)}m_{021}^{(00)}m_{104}^{(10)}\\
&+m_{100}^{(11)}m_{021}^{(10)}m_{302}^{(22)} - 2m_{100}^{(11)}m_{021}^{(10)}m_{203}^{(20)} + m_{100}^{(11)}m_{021}^{(10)}m_{104}^{(00)} + m_{100}^{(11)}m_{021}^{(20)}m_{311}^{(22)}\\
&-2m_{100}^{(11)}m_{021}^{(20)}m_{302}^{(21)} + 2m_{100}^{(11)}m_{021}^{(20)}m_{203}^{(10)} - m_{100}^{(11)}m_{021}^{(20)}m_{113}^{(00)} - m_{100}^{(11)}m_{021}^{(21)}m_{401}^{(22)}\\
&+2m_{100}^{(11)}m_{021}^{(21)}m_{302}^{(20)} - m_{100}^{(11)}m_{021}^{(21)}m_{203}^{(00)} + m_{100}^{(11)}m_{021}^{(22)}m_{401}^{(21)} - m_{100}^{(11)}m_{021}^{(22)}m_{311}^{(20)}\\
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&-2m_{100}^{(11)}m_{012}^{(00)}m_{122}^{(20)} + 2m_{100}^{(11)}m_{012}^{(00)}m_{113}^{(10)} - 3m_{100}^{(11)}m_{012}^{(10)}m_{311}^{(22)} + m_{100}^{(11)}m_{012}^{(10)}m_{302}^{(21)}\\
&+5m_{100}^{(11)}m_{012}^{(10)}m_{212}^{(20)} - m_{100}^{(11)}m_{012}^{(10)}m_{203}^{(10)} - 2m_{100}^{(11)}m_{012}^{(10)}m_{113}^{(00)} + m_{100}^{(11)}m_{012}^{(11)}m_{401}^{(22)}\\
&-2m_{100}^{(11)}m_{012}^{(11)}m_{302}^{(20)} + m_{100}^{(11)}m_{012}^{(11)}m_{203}^{(00)} - m_{100}^{(11)}m_{012}^{(20)}m_{320}^{(22)} + 3m_{100}^{(11)}m_{012}^{(20)}m_{311}^{(21)}\\
&-m_{100}^{(11)}m_{012}^{(20)}m_{221}^{(20)} - 3m_{100}^{(11)}m_{012}^{(20)}m_{212}^{(10)} + 2m_{100}^{(11)}m_{012}^{(20)}m_{122}^{(00)} + m_{100}^{(11)}m_{012}^{(21)}m_{410}^{(22)}\\
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&+m_{100}^{(11)}m_{012}^{(22)}m_{320}^{(20)} + m_{100}^{(11)}m_{012}^{(22)}m_{311}^{(10)} - m_{100}^{(11)}m_{012}^{(22)}m_{221}^{(00)} - m_{100}^{(11)}m_{003}^{(00)}m_{230}^{(22)}\\
&+m_{100}^{(11)}m_{003}^{(00)}m_{221}^{(21)} + m_{100}^{(11)}m_{003}^{(00)}m_{131}^{(20)} - m_{100}^{(11)}m_{003}^{(00)}m_{122}^{(10)} + 2m_{100}^{(11)}m_{003}^{(10)}m_{320}^{(22)}\\
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&+m_{100}^{(11)}m_{003}^{(20)}m_{230}^{(20)} + m_{100}^{(11)}m_{003}^{(20)}m_{221}^{(10)} - m_{100}^{(11)}m_{003}^{(20)}m_{131}^{(00)} + m_{100}^{(11)}m_{003}^{(21)}m_{410}^{(21)}\\
&-m_{100}^{(11)}m_{003}^{(21)}m_{320}^{(20)} - m_{100}^{(11)}m_{003}^{(21)}m_{311}^{(10)} + m_{100}^{(11)}m_{003}^{(21)}m_{221}^{(00)} - m_{100}^{(20)}m_{210}^{(10)}m_{032}^{(22)}\\
&+2m_{100}^{(20)}m_{210}^{(10)}m_{023}^{(21)} - m_{100}^{(20)}m_{210}^{(10)}m_{014}^{(11)} + m_{100}^{(20)}m_{210}^{(11)}m_{122}^{(22)} - m_{100}^{(20)}m_{210}^{(11)}m_{113}^{(21)}\\
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&-2m_{100}^{(20)}m_{210}^{(21)}m_{023}^{(10)} + m_{100}^{(20)}m_{210}^{(22)}m_{131}^{(21)} - m_{100}^{(20)}m_{210}^{(22)}m_{122}^{(11)} - m_{100}^{(20)}m_{210}^{(22)}m_{041}^{(20)}\\
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&-m_{100}^{(20)}m_{201}^{(11)}m_{131}^{(22)} + m_{100}^{(20)}m_{201}^{(11)}m_{122}^{(21)} + m_{100}^{(20)}m_{201}^{(11)}m_{032}^{(20)} - m_{100}^{(20)}m_{201}^{(11)}m_{023}^{(10)}\\
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&+m_{100}^{(20)}m_{201}^{(22)}m_{131}^{(11)} + m_{100}^{(20)}m_{201}^{(22)}m_{050}^{(20)} - m_{100}^{(20)}m_{201}^{(22)}m_{041}^{(10)} + m_{100}^{(20)}m_{120}^{(00)}m_{032}^{(22)}\\
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&+2m_{100}^{(20)}m_{120}^{(10)}m_{023}^{(20)} - 2m_{100}^{(20)}m_{120}^{(10)}m_{014}^{(10)} - m_{100}^{(20)}m_{120}^{(11)}m_{212}^{(22)} + 2m_{100}^{(20)}m_{120}^{(11)}m_{203}^{(21)}
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&-2m_{100}^{(20)}m_{120}^{(11)}m_{104}^{(10)} + m_{100}^{(20)}m_{120}^{(11)}m_{014}^{(00)} - 2m_{100}^{(20)}m_{120}^{(20)}m_{131}^{(22)} + 6m_{100}^{(20)}m_{120}^{(20)}m_{122}^{(21)}\\
&-4m_{100}^{(20)}m_{120}^{(20)}m_{113}^{(11)} - 2m_{100}^{(20)}m_{120}^{(20)}m_{032}^{(20)} + 2m_{100}^{(20)}m_{120}^{(20)}m_{023}^{(10)} + 2m_{100}^{(20)}m_{120}^{(21)}m_{221}^{(22)}\\
&-2m_{100}^{(20)}m_{120}^{(21)}m_{212}^{(21)} - 2m_{100}^{(20)}m_{120}^{(21)}m_{203}^{(11)} - 2m_{100}^{(20)}m_{120}^{(21)}m_{122}^{(20)} + 6m_{100}^{(20)}m_{120}^{(21)}m_{113}^{(10)}\\
&-2m_{100}^{(20)}m_{120}^{(21)}m_{023}^{(00)} - 2m_{100}^{(20)}m_{120}^{(22)}m_{221}^{(21)} + 3m_{100}^{(20)}m_{120}^{(22)}m_{212}^{(11)} + 2m_{100}^{(20)}m_{120}^{(22)}m_{131}^{(20)}\\
&-4m_{100}^{(20)}m_{120}^{(22)}m_{122}^{(10)} + m_{100}^{(20)}m_{120}^{(22)}m_{032}^{(00)} - 2m_{100}^{(20)}m_{111}^{(00)}m_{041}^{(22)} + 4m_{100}^{(20)}m_{111}^{(00)}m_{032}^{(21)}\\
&-2m_{100}^{(20)}m_{111}^{(00)}m_{023}^{(11)} + 2m_{100}^{(20)}m_{111}^{(10)}m_{131}^{(22)} - 2m_{100}^{(20)}m_{111}^{(10)}m_{113}^{(11)} - 4m_{100}^{(20)}m_{111}^{(10)}m_{032}^{(20)}\\
&+4m_{100}^{(20)}m_{111}^{(10)}m_{023}^{(10)} - 2m_{100}^{(20)}m_{111}^{(11)}m_{212}^{(21)} + 2m_{100}^{(20)}m_{111}^{(11)}m_{122}^{(20)} + 2m_{100}^{(20)}m_{111}^{(11)}m_{113}^{(10)}\\
&-2m_{100}^{(20)}m_{111}^{(11)}m_{023}^{(00)} + 2m_{100}^{(20)}m_{111}^{(20)}m_{140}^{(22)} - 8m_{100}^{(20)}m_{111}^{(20)}m_{131}^{(21)} + 6m_{100}^{(20)}m_{111}^{(20)}m_{122}^{(11)}\\
&+4m_{100}^{(20)}m_{111}^{(20)}m_{041}^{(20)} - 4m_{100}^{(20)}m_{111}^{(20)}m_{032}^{(10)} - 2m_{100}^{(20)}m_{111}^{(21)}m_{230}^{(22)} + 4m_{100}^{(20)}m_{111}^{(21)}m_{221}^{(21)}\\
&+2m_{100}^{(20)}m_{111}^{(21)}m_{212}^{(11)} - 8m_{100}^{(20)}m_{111}^{(21)}m_{122}^{(10)} + 4m_{100}^{(20)}m_{111}^{(21)}m_{032}^{(00)} + 2m_{100}^{(20)}m_{111}^{(22)}m_{230}^{(21)}\\
&-4m_{100}^{(20)}m_{111}^{(22)}m_{221}^{(11)} - 2m_{100}^{(20)}m_{111}^{(22)}m_{140}^{(20)} + 6m_{100}^{(20)}m_{111}^{(22)}m_{131}^{(10)} - 2m_{100}^{(20)}m_{111}^{(22)}m_{041}^{(00)}\\
&+m_{100}^{(20)}m_{102}^{(00)}m_{050}^{(22)} - 2m_{100}^{(20)}m_{102}^{(00)}m_{041}^{(21)} + m_{100}^{(20)}m_{102}^{(00)}m_{032}^{(11)} - 2m_{100}^{(20)}m_{102}^{(10)}m_{140}^{(22)}\\
&+2m_{100}^{(20)}m_{102}^{(10)}m_{131}^{(21)} + 2m_{100}^{(20)}m_{102}^{(10)}m_{041}^{(20)} - 2m_{100}^{(20)}m_{102}^{(10)}m_{032}^{(10)} + m_{100}^{(20)}m_{102}^{(11)}m_{230}^{(22)}\\
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&+m_{100}^{(20)}m_{102}^{(22)}m_{050}^{(00)} - m_{100}^{(20)}m_{030}^{(00)}m_{122}^{(22)} + 3m_{100}^{(20)}m_{030}^{(00)}m_{113}^{(21)} - 2m_{100}^{(20)}m_{030}^{(00)}m_{104}^{(11)}\\
&-m_{100}^{(20)}m_{030}^{(00)}m_{023}^{(20)} + m_{100}^{(20)}m_{030}^{(00)}m_{014}^{(10)} + m_{100}^{(20)}m_{030}^{(10)}m_{212}^{(22)} - 2m_{100}^{(20)}m_{030}^{(10)}m_{203}^{(21)}\\
&+2m_{100}^{(20)}m_{030}^{(10)}m_{104}^{(10)} - m_{100}^{(20)}m_{030}^{(10)}m_{014}^{(00)} + m_{100}^{(20)}m_{030}^{(20)}m_{221}^{(22)} - 4m_{100}^{(20)}m_{030}^{(20)}m_{212}^{(21)}\\
&+4m_{100}^{(20)}m_{030}^{(20)}m_{203}^{(11)} + 2m_{100}^{(20)}m_{030}^{(20)}m_{122}^{(20)} - 4m_{100}^{(20)}m_{030}^{(20)}m_{113}^{(10)} + m_{100}^{(20)}m_{030}^{(20)}m_{023}^{(00)}\\
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&+m_{100}^{(20)}m_{030}^{(22)}m_{311}^{(21)} - 2m_{100}^{(20)}m_{030}^{(22)}m_{302}^{(11)} - m_{100}^{(20)}m_{030}^{(22)}m_{221}^{(20)} + 3m_{100}^{(20)}m_{030}^{(22)}m_{212}^{(10)}\\
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&+3m_{100}^{(20)}m_{021}^{(00)}m_{032}^{(20)} - 3m_{100}^{(20)}m_{021}^{(00)}m_{023}^{(10)} - 3m_{100}^{(20)}m_{021}^{(10)}m_{221}^{(22)} + 8m_{100}^{(20)}m_{021}^{(10)}m_{212}^{(21)}\\
&-2m_{100}^{(20)}m_{021}^{(10)}m_{203}^{(11)} - 2m_{100}^{(20)}m_{021}^{(10)}m_{122}^{(20)} - 4m_{100}^{(20)}m_{021}^{(10)}m_{113}^{(10)} + 3m_{100}^{(20)}m_{021}^{(10)}m_{023}^{(00)}\\
&+m_{100}^{(20)}m_{021}^{(11)}m_{311}^{(22)} - 2m_{100}^{(20)}m_{021}^{(11)}m_{302}^{(21)} + 2m_{100}^{(20)}m_{021}^{(11)}m_{203}^{(10)} - m_{100}^{(20)}m_{021}^{(11)}m_{113}^{(00)}\\
&-m_{100}^{(20)}m_{021}^{(20)}m_{230}^{(22)} + 6m_{100}^{(20)}m_{021}^{(20)}m_{221}^{(21)} - 8m_{100}^{(20)}m_{021}^{(20)}m_{212}^{(11)} - 4m_{100}^{(20)}m_{021}^{(20)}m_{131}^{(20)}\\
&+10m_{100}^{(20)}m_{021}^{(20)}m_{122}^{(10)} - 3m_{100}^{(20)}m_{021}^{(20)}m_{032}^{(00)} + m_{100}^{(20)}m_{021}^{(21)}m_{320}^{(22)} - 4m_{100}^{(20)}m_{021}^{(21)}m_{311}^{(21)}\\
&+2m_{100}^{(20)}m_{021}^{(21)}m_{302}^{(11)} + 2m_{100}^{(20)}m_{021}^{(21)}m_{221}^{(20)} - m_{100}^{(20)}m_{021}^{(21)}m_{122}^{(00)} - m_{100}^{(20)}m_{021}^{(22)}m_{320}^{(21)}\\
&+3m_{100}^{(20)}m_{021}^{(22)}m_{311}^{(11)} + m_{100}^{(20)}m_{021}^{(22)}m_{230}^{(20)} - 5m_{100}^{(20)}m_{021}^{(22)}m_{221}^{(10)} + 2m_{100}^{(20)}m_{021}^{(22)}m_{131}^{(00)}\\
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&+3m_{100}^{(20)}m_{012}^{(00)}m_{032}^{(10)} + 2m_{100}^{(20)}m_{012}^{(10)}m_{230}^{(22)} - 8m_{100}^{(20)}m_{012}^{(10)}m_{221}^{(21)} + 3m_{100}^{(20)}m_{012}^{(10)}m_{212}^{(11)}\\
&+4m_{100}^{(20)}m_{012}^{(10)}m_{131}^{(20)} + 2m_{100}^{(20)}m_{012}^{(10)}m_{122}^{(10)} - 3m_{100}^{(20)}m_{012}^{(10)}m_{032}^{(00)} - m_{100}^{(20)}m_{012}^{(11)}m_{320}^{(22)}\\
&+3m_{100}^{(20)}m_{012}^{(11)}m_{311}^{(21)} - m_{100}^{(20)}m_{012}^{(11)}m_{221}^{(20)} - 3m_{100}^{(20)}m_{012}^{(11)}m_{212}^{(10)} + 2m_{100}^{(20)}m_{012}^{(11)}m_{122}^{(00)}\\
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&+3m_{100}^{(20)}m_{012}^{(20)}m_{041}^{(00)} + 2m_{100}^{(20)}m_{012}^{(21)}m_{320}^{(21)} - 3m_{100}^{(20)}m_{012}^{(21)}m_{311}^{(11)} - 2m_{100}^{(20)}m_{012}^{(21)}m_{230}^{(20)}\\
&+4m_{100}^{(20)}m_{012}^{(21)}m_{221}^{(10)} - m_{100}^{(20)}m_{012}^{(21)}m_{131}^{(00)} - m_{100}^{(20)}m_{012}^{(22)}m_{320}^{(11)} + 2m_{100}^{(20)}m_{012}^{(22)}m_{230}^{(10)}\\
&-m_{100}^{(20)}m_{012}^{(22)}m_{140}^{(00)} - m_{100}^{(20)}m_{003}^{(00)}m_{140}^{(21)} + m_{100}^{(20)}m_{003}^{(00)}m_{131}^{(11)} + m_{100}^{(20)}m_{003}^{(00)}m_{050}^{(20)}
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\begin{aligned}
&-m_{100}^{(20)}m_{003}^{(00)}m_{041}^{(10)}+2m_{100}^{(20)}m_{003}^{(10)}m_{230}^{(21)}-m_{100}^{(20)}m_{003}^{(10)}m_{221}^{(11)}-2m_{100}^{(20)}m_{003}^{(10)}m_{140}^{(20)}\\
&+m_{100}^{(20)}m_{003}^{(10)}m_{041}^{(00)}-m_{100}^{(20)}m_{003}^{(11)}m_{320}^{(21)}+m_{100}^{(20)}m_{003}^{(11)}m_{230}^{(20)}+m_{100}^{(20)}m_{003}^{(11)}m_{221}^{(10)}\\
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&-2m_{100}^{(21)}m_{111}^{(11)}m_{212}^{(20)}-2m_{100}^{(21)}m_{111}^{(11)}m_{203}^{(10)}+2m_{100}^{(21)}m_{111}^{(11)}m_{113}^{(00)}-2m_{100}^{(21)}m_{111}^{(20)}m_{230}^{(22)}\\
&+4m_{100}^{(21)}m_{111}^{(20)}m_{221}^{(21)}+2m_{100}^{(21)}m_{111}^{(20)}m_{212}^{(11)}-8m_{100}^{(21)}m_{111}^{(20)}m_{122}^{(10)}+4m_{100}^{(21)}m_{111}^{(20)}m_{032}^{(00)}\\
&+2m_{100}^{(21)}m_{111}^{(21)}m_{320}^{(22)}-2m_{100}^{(21)}m_{111}^{(21)}m_{302}^{(11)}-4m_{100}^{(21)}m_{111}^{(21)}m_{221}^{(20)}+4m_{100}^{(21)}m_{111}^{(21)}m_{212}^{(10)}\\
&-2m_{100}^{(21)}m_{111}^{(22)}m_{320}^{(21)}+2m_{100}^{(21)}m_{111}^{(22)}m_{230}^{(20)}+2m_{100}^{(21)}m_{111}^{(22)}m_{221}^{(10)}-2m_{100}^{(21)}m_{111}^{(22)}m_{131}^{(00)}\\
&-m_{100}^{(21)}m_{102}^{(00)}m_{140}^{(22)}+m_{100}^{(21)}m_{102}^{(00)}m_{122}^{(11)}+2m_{100}^{(21)}m_{102}^{(00)}m_{041}^{(20)}-2m_{100}^{(21)}m_{102}^{(00)}m_{032}^{(10)}\\
&+2m_{100}^{(21)}m_{102}^{(10)}m_{230}^{(22)}+2m_{100}^{(21)}m_{102}^{(10)}m_{221}^{(21)}-2m_{100}^{(21)}m_{102}^{(10)}m_{212}^{(11)}-6m_{100}^{(21)}m_{102}^{(10)}m_{131}^{(20)}\\
&+2m_{100}^{(21)}m_{102}^{(10)}m_{122}^{(10)}+2m_{100}^{(21)}m_{102}^{(10)}m_{032}^{(00)}-m_{100}^{(21)}m_{102}^{(11)}m_{320}^{(22)}-2m_{100}^{(21)}m_{102}^{(11)}m_{311}^{(21)}\\
&+4m_{100}^{(21)}m_{102}^{(11)}m_{221}^{(20)}+2m_{100}^{(21)}m_{102}^{(11)}m_{212}^{(10)}-3m_{100}^{(21)}m_{102}^{(11)}m_{122}^{(00)}-2m_{100}^{(21)}m_{102}^{(20)}m_{230}^{(21)}\\
&+2m_{100}^{(21)}m_{102}^{(20)}m_{140}^{(20)}+2m_{100}^{(21)}m_{102}^{(20)}m_{131}^{(10)}-2m_{100}^{(21)}m_{102}^{(20)}m_{041}^{(00)}+2m_{100}^{(21)}m_{102}^{(21)}m_{320}^{(21)}\\
&+2m_{100}^{(21)}m_{102}^{(21)}m_{311}^{(11)}-2m_{100}^{(21)}m_{102}^{(21)}m_{230}^{(20)}-6m_{100}^{(21)}m_{102}^{(21)}m_{221}^{(10)}+4m_{100}^{(21)}m_{102}^{(21)}m_{131}^{(00)}\\
&-m_{100}^{(21)}m_{102}^{(22)}m_{320}^{(11)}+2m_{100}^{(21)}m_{102}^{(22)}m_{230}^{(10)}-m_{100}^{(21)}m_{102}^{(22)}m_{140}^{(00)}+m_{100}^{(21)}m_{030}^{(00)}m_{212}^{(22)}\\
&-m_{100}^{(21)}m_{030}^{(00)}m_{203}^{(21)}-m_{100}^{(21)}m_{030}^{(00)}m_{113}^{(20)}+m_{100}^{(21)}m_{030}^{(00)}m_{104}^{(10)}-m_{100}^{(21)}m_{030}^{(10)}m_{302}^{(22)}\\
&+2m_{100}^{(21)}m_{030}^{(10)}m_{203}^{(20)}-m_{100}^{(21)}m_{030}^{(10)}m_{104}^{(00)}-m_{100}^{(21)}m_{030}^{(20)}m_{311}^{(22)}+2m_{100}^{(21)}m_{030}^{(20)}m_{302}^{(21)}
\end{aligned}
$$

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\begin{aligned}
&-2m_{100}^{(21)}m_{030}^{(20)}m_{203}^{(10)} + m_{100}^{(21)}m_{030}^{(20)}m_{113}^{(00)} + m_{100}^{(21)}m_{030}^{(21)}m_{401}^{(22)} - 2m_{100}^{(21)}m_{030}^{(21)}m_{302}^{(20)}\\
&+m_{100}^{(21)}m_{030}^{(21)}m_{203}^{(00)} - m_{100}^{(21)}m_{030}^{(22)}m_{401}^{(21)} + m_{100}^{(21)}m_{030}^{(22)}m_{311}^{(20)} + m_{100}^{(21)}m_{030}^{(22)}m_{302}^{(10)}\\
&-m_{100}^{(21)}m_{030}^{(22)}m_{212}^{(00)} - 2m_{100}^{(21)}m_{021}^{(00)}m_{221}^{(22)} + 3m_{100}^{(21)}m_{021}^{(00)}m_{212}^{(21)} - m_{100}^{(21)}m_{021}^{(00)}m_{203}^{(11)}\\
&+m_{100}^{(21)}m_{021}^{(00)}m_{122}^{(20)} - m_{100}^{(21)}m_{021}^{(00)}m_{113}^{(10)} + 3m_{100}^{(21)}m_{021}^{(10)}m_{311}^{(22)} - 2m_{100}^{(21)}m_{021}^{(10)}m_{302}^{(21)}\\
&-4m_{100}^{(21)}m_{021}^{(10)}m_{212}^{(20)} + 2m_{100}^{(21)}m_{021}^{(10)}m_{203}^{(10)} + m_{100}^{(21)}m_{021}^{(10)}m_{113}^{(00)} - m_{100}^{(21)}m_{021}^{(11)}m_{401}^{(22)}\\
&+2m_{100}^{(21)}m_{021}^{(11)}m_{302}^{(20)} - m_{100}^{(21)}m_{021}^{(11)}m_{203}^{(00)} + m_{100}^{(21)}m_{021}^{(20)}m_{320}^{(22)} - 4m_{100}^{(21)}m_{021}^{(20)}m_{311}^{(21)}\\
&+2m_{100}^{(21)}m_{021}^{(20)}m_{302}^{(11)} + 2m_{100}^{(21)}m_{021}^{(20)}m_{221}^{(20)} - m_{100}^{(21)}m_{021}^{(20)}m_{122}^{(00)} - m_{100}^{(21)}m_{021}^{(21)}m_{410}^{(22)}\\
&+2m_{100}^{(21)}m_{021}^{(21)}m_{401}^{(21)} - 2m_{100}^{(21)}m_{021}^{(21)}m_{302}^{(10)} + m_{100}^{(21)}m_{021}^{(21)}m_{212}^{(00)} + m_{100}^{(21)}m_{021}^{(22)}m_{410}^{(21)}\\
&-m_{100}^{(21)}m_{021}^{(22)}m_{401}^{(11)} - m_{100}^{(21)}m_{021}^{(22)}m_{320}^{(20)} + m_{100}^{(21)}m_{021}^{(22)}m_{311}^{(10)} + m_{100}^{(21)}m_{012}^{(00)}m_{230}^{(22)}\\
&-3m_{100}^{(21)}m_{012}^{(00)}m_{221}^{(21)} + 2m_{100}^{(21)}m_{012}^{(00)}m_{212}^{(11)} + m_{100}^{(21)}m_{012}^{(00)}m_{131}^{(20)} - m_{100}^{(21)}m_{012}^{(00)}m_{122}^{(10)}\\
&-2m_{100}^{(21)}m_{012}^{(10)}m_{320}^{(22)} + 4m_{100}^{(21)}m_{012}^{(10)}m_{311}^{(21)} - m_{100}^{(21)}m_{012}^{(10)}m_{302}^{(11)} - 2m_{100}^{(21)}m_{012}^{(10)}m_{212}^{(10)}\\
&+m_{100}^{(21)}m_{012}^{(10)}m_{122}^{(00)} + m_{100}^{(21)}m_{012}^{(11)}m_{410}^{(22)} - m_{100}^{(21)}m_{012}^{(11)}m_{401}^{(21)} - m_{100}^{(21)}m_{012}^{(11)}m_{311}^{(20)}\\
&+m_{100}^{(21)}m_{012}^{(11)}m_{302}^{(10)} + 2m_{100}^{(21)}m_{012}^{(20)}m_{320}^{(21)} - 3m_{100}^{(21)}m_{012}^{(20)}m_{311}^{(11)} - 2m_{100}^{(21)}m_{012}^{(20)}m_{230}^{(20)}\\
&+4m_{100}^{(21)}m_{012}^{(20)}m_{221}^{(10)} - m_{100}^{(21)}m_{012}^{(20)}m_{131}^{(00)} - 2m_{100}^{(21)}m_{012}^{(21)}m_{410}^{(21)} + m_{100}^{(21)}m_{012}^{(21)}m_{401}^{(11)}\\
&+2m_{100}^{(21)}m_{012}^{(21)}m_{320}^{(20)} - m_{100}^{(21)}m_{012}^{(21)}m_{221}^{(00)} + m_{100}^{(21)}m_{012}^{(22)}m_{410}^{(11)} - 2m_{100}^{(21)}m_{012}^{(22)}m_{320}^{(10)}\\
&+m_{100}^{(21)}m_{012}^{(22)}m_{230}^{(00)} + m_{100}^{(21)}m_{003}^{(00)}m_{230}^{(21)} - m_{100}^{(21)}m_{003}^{(00)}m_{221}^{(11)} - m_{100}^{(21)}m_{003}^{(00)}m_{140}^{(20)}\\
&+m_{100}^{(21)}m_{003}^{(00)}m_{131}^{(10)} - 2m_{100}^{(21)}m_{003}^{(10)}m_{320}^{(21)} + m_{100}^{(21)}m_{003}^{(10)}m_{311}^{(11)} + 2m_{100}^{(21)}m_{003}^{(10)}m_{230}^{(20)}\\
&-m_{100}^{(21)}m_{003}^{(10)}m_{131}^{(00)} + m_{100}^{(21)}m_{003}^{(11)}m_{410}^{(21)} - m_{100}^{(21)}m_{003}^{(11)}m_{320}^{(20)} - m_{100}^{(21)}m_{003}^{(11)}m_{311}^{(10)}\\
&+m_{100}^{(21)}m_{003}^{(11)}m_{221}^{(00)} + m_{100}^{(21)}m_{003}^{(20)}m_{320}^{(11)} - 2m_{100}^{(21)}m_{003}^{(20)}m_{230}^{(10)} + m_{100}^{(21)}m_{003}^{(20)}m_{140}^{(00)}\\
&-m_{100}^{(21)}m_{003}^{(21)}m_{410}^{(11)} + 2m_{100}^{(21)}m_{003}^{(21)}m_{320}^{(10)} - m_{100}^{(21)}m_{003}^{(21)}m_{230}^{(00)} - m_{100}^{(22)}m_{210}^{(10)}m_{122}^{(21)}\\
&+m_{100}^{(22)}m_{210}^{(10)}m_{113}^{(11)} + m_{100}^{(22)}m_{210}^{(10)}m_{032}^{(20)} - m_{100}^{(22)}m_{210}^{(10)}m_{023}^{(10)} + m_{100}^{(22)}m_{210}^{(11)}m_{212}^{(21)}\\
&-m_{100}^{(22)}m_{210}^{(11)}m_{122}^{(20)} - m_{100}^{(22)}m_{210}^{(11)}m_{113}^{(10)} + m_{100}^{(22)}m_{210}^{(11)}m_{023}^{(00)} + m_{100}^{(22)}m_{210}^{(20)}m_{131}^{(21)}\\
&-m_{100}^{(22)}m_{210}^{(20)}m_{122}^{(11)} - m_{100}^{(22)}m_{210}^{(20)}m_{041}^{(20)} + m_{100}^{(22)}m_{210}^{(20)}m_{032}^{(10)} - m_{100}^{(22)}m_{210}^{(21)}m_{221}^{(21)}\\
&-m_{100}^{(22)}m_{210}^{(21)}m_{212}^{(11)} + m_{100}^{(22)}m_{210}^{(21)}m_{131}^{(20)} + 3m_{100}^{(22)}m_{210}^{(21)}m_{122}^{(10)} - 2m_{100}^{(22)}m_{210}^{(21)}m_{032}^{(00)}\\
&+m_{100}^{(22)}m_{210}^{(22)}m_{221}^{(11)} - 2m_{100}^{(22)}m_{210}^{(22)}m_{131}^{(10)} + m_{100}^{(22)}m_{210}^{(22)}m_{041}^{(00)} + m_{100}^{(22)}m_{201}^{(10)}m_{131}^{(21)}\\
&-m_{100}^{(22)}m_{201}^{(10)}m_{122}^{(11)} - m_{100}^{(22)}m_{201}^{(10)}m_{041}^{(20)} + m_{100}^{(22)}m_{201}^{(10)}m_{032}^{(10)} - m_{100}^{(22)}m_{201}^{(11)}m_{221}^{(21)}\\
&+m_{100}^{(22)}m_{201}^{(11)}m_{131}^{(20)} + m_{100}^{(22)}m_{201}^{(11)}m_{122}^{(10)} - m_{100}^{(22)}m_{201}^{(11)}m_{032}^{(00)} - m_{100}^{(22)}m_{201}^{(20)}m_{140}^{(21)}\\
&+m_{100}^{(22)}m_{201}^{(20)}m_{131}^{(11)} + m_{100}^{(22)}m_{201}^{(20)}m_{050}^{(20)} - m_{100}^{(22)}m_{201}^{(20)}m_{041}^{(10)} + m_{100}^{(22)}m_{201}^{(21)}m_{230}^{(21)}\\
&+m_{100}^{(22)}m_{201}^{(21)}m_{221}^{(11)} - m_{100}^{(22)}m_{201}^{(21)}m_{140}^{(20)} - 3m_{100}^{(22)}m_{201}^{(21)}m_{131}^{(10)} + 2m_{100}^{(22)}m_{201}^{(21)}m_{041}^{(00)}\\
&-m_{100}^{(22)}m_{201}^{(22)}m_{230}^{(11)} + 2m_{100}^{(22)}m_{201}^{(22)}m_{140}^{(10)} - m_{100}^{(22)}m_{201}^{(22)}m_{050}^{(00)} + m_{100}^{(22)}m_{120}^{(00)}m_{122}^{(21)}\\
&-m_{100}^{(22)}m_{120}^{(00)}m_{113}^{(11)} - m_{100}^{(22)}m_{120}^{(00)}m_{032}^{(20)} + m_{100}^{(22)}m_{120}^{(00)}m_{023}^{(10)} - m_{100}^{(22)}m_{120}^{(10)}m_{203}^{(11)}\\
&+2m_{100}^{(22)}m_{120}^{(10)}m_{113}^{(10)} - m_{100}^{(22)}m_{120}^{(10)}m_{023}^{(00)} - m_{100}^{(22)}m_{120}^{(11)}m_{302}^{(21)} + m_{100}^{(22)}m_{120}^{(11)}m_{212}^{(20)}\\
&+m_{100}^{(22)}m_{120}^{(11)}m_{203}^{(10)} - m_{100}^{(22)}m_{120}^{(11)}m_{113}^{(00)} - 2m_{100}^{(22)}m_{120}^{(20)}m_{221}^{(21)} + 3m_{100}^{(22)}m_{120}^{(20)}m_{212}^{(11)}\\
&+2m_{100}^{(22)}m_{120}^{(20)}m_{131}^{(20)} - 4m_{100}^{(22)}m_{120}^{(20)}m_{122}^{(10)} + m_{100}^{(22)}m_{120}^{(20)}m_{032}^{(00)} + 2m_{100}^{(22)}m_{120}^{(21)}m_{311}^{(21)}\\
&+m_{100}^{(22)}m_{120}^{(21)}m_{302}^{(11)} - 2m_{100}^{(22)}m_{120}^{(21)}m_{221}^{(20)} - 4m_{100}^{(22)}m_{120}^{(21)}m_{212}^{(10)} + 3m_{100}^{(22)}m_{120}^{(21)}m_{122}^{(00)}\\
&-2m_{100}^{(22)}m_{120}^{(22)}m_{311}^{(11)} + 4m_{100}^{(22)}m_{120}^{(22)}m_{221}^{(10)} - 2m_{100}^{(22)}m_{120}^{(22)}m_{131}^{(00)} - 2m_{100}^{(22)}m_{111}^{(00)}m_{131}^{(21)}\\
&+2m_{100}^{(22)}m_{111}^{(00)}m_{122}^{(11)} + 2m_{100}^{(22)}m_{111}^{(00)}m_{041}^{(20)} - 2m_{100}^{(22)}m_{111}^{(00)}m_{032}^{(10)} + 2m_{100}^{(22)}m_{111}^{(10)}m_{221}^{(21)}\\
&-2m_{100}^{(22)}m_{111}^{(10)}m_{131}^{(20)} - 2m_{100}^{(22)}m_{111}^{(10)}m_{122}^{(10)} + 2m_{100}^{(22)}m_{111}^{(10)}m_{032}^{(00)} + 2m_{100}^{(22)}m_{111}^{(20)}m_{230}^{(21)}
\end{aligned}
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\begin{aligned}
&-4m_{100}^{(22)}m_{111}^{(20)}m_{221}^{(11)} - 2m_{100}^{(22)}m_{111}^{(20)}m_{140}^{(20)} + 6m_{100}^{(22)}m_{111}^{(20)}m_{131}^{(10)} - 2m_{100}^{(22)}m_{111}^{(20)}m_{041}^{(00)}\\
&-2m_{100}^{(22)}m_{111}^{(21)}m_{320}^{(21)} + 2m_{100}^{(22)}m_{111}^{(21)}m_{230}^{(20)} + 2m_{100}^{(22)}m_{111}^{(21)}m_{221}^{(10)} - 2m_{100}^{(22)}m_{111}^{(21)}m_{131}^{(00)}\\
&+2m_{100}^{(22)}m_{111}^{(22)}m_{320}^{(11)} - 4m_{100}^{(22)}m_{111}^{(22)}m_{230}^{(10)} + 2m_{100}^{(22)}m_{111}^{(22)}m_{140}^{(00)} + m_{100}^{(22)}m_{102}^{(00)}m_{140}^{(21)}\\
&-m_{100}^{(22)}m_{102}^{(00)}m_{131}^{(11)} - m_{100}^{(22)}m_{102}^{(00)}m_{050}^{(20)} + m_{100}^{(22)}m_{102}^{(00)}m_{041}^{(10)} - 2m_{100}^{(22)}m_{102}^{(10)}m_{230}^{(21)}\\
&+m_{100}^{(22)}m_{102}^{(10)}m_{221}^{(11)} + 2m_{100}^{(22)}m_{102}^{(10)}m_{140}^{(20)} - m_{100}^{(22)}m_{102}^{(10)}m_{041}^{(00)} + m_{100}^{(22)}m_{102}^{(11)}m_{320}^{(21)}\\
&-m_{100}^{(22)}m_{102}^{(11)}m_{230}^{(20)} - m_{100}^{(22)}m_{102}^{(11)}m_{221}^{(10)} + m_{100}^{(22)}m_{102}^{(11)}m_{131}^{(00)} + m_{100}^{(22)}m_{102}^{(20)}m_{230}^{(11)}\\
&-2m_{100}^{(22)}m_{102}^{(20)}m_{140}^{(10)} + m_{100}^{(22)}m_{102}^{(20)}m_{050}^{(00)} - m_{100}^{(22)}m_{102}^{(21)}m_{320}^{(11)} + 2m_{100}^{(22)}m_{102}^{(21)}m_{230}^{(10)}\\
&-m_{100}^{(22)}m_{102}^{(21)}m_{140}^{(00)} - m_{100}^{(22)}m_{030}^{(00)}m_{212}^{(21)} + m_{100}^{(22)}m_{030}^{(00)}m_{203}^{(11)} + m_{100}^{(22)}m_{030}^{(00)}m_{122}^{(20)}\\
&-m_{100}^{(22)}m_{030}^{(00)}m_{113}^{(10)} + m_{100}^{(22)}m_{030}^{(10)}m_{302}^{(21)} - m_{100}^{(22)}m_{030}^{(10)}m_{212}^{(20)} - m_{100}^{(22)}m_{030}^{(10)}m_{203}^{(10)}\\
&+m_{100}^{(22)}m_{030}^{(10)}m_{113}^{(00)} + m_{100}^{(22)}m_{030}^{(20)}m_{311}^{(21)} - 2m_{100}^{(22)}m_{030}^{(20)}m_{302}^{(11)} - m_{100}^{(22)}m_{030}^{(20)}m_{221}^{(20)}\\
&+3m_{100}^{(22)}m_{030}^{(20)}m_{212}^{(10)} - m_{100}^{(22)}m_{030}^{(20)}m_{122}^{(00)} - m_{100}^{(22)}m_{030}^{(21)}m_{401}^{(21)} + m_{100}^{(22)}m_{030}^{(21)}m_{311}^{(20)}\\
&+m_{100}^{(22)}m_{030}^{(21)}m_{302}^{(10)} - m_{100}^{(22)}m_{030}^{(21)}m_{212}^{(00)} + m_{100}^{(22)}m_{030}^{(22)}m_{401}^{(11)} - 2m_{100}^{(22)}m_{030}^{(22)}m_{311}^{(10)}\\
&+m_{100}^{(22)}m_{030}^{(22)}m_{221}^{(00)} + 2m_{100}^{(22)}m_{021}^{(00)}m_{221}^{(21)} - 2m_{100}^{(22)}m_{021}^{(00)}m_{212}^{(11)} - 2m_{100}^{(22)}m_{021}^{(00)}m_{131}^{(20)}\\
&+2m_{100}^{(22)}m_{021}^{(00)}m_{122}^{(10)} - 3m_{100}^{(22)}m_{021}^{(10)}m_{311}^{(21)} + m_{100}^{(22)}m_{021}^{(10)}m_{302}^{(11)} + 3m_{100}^{(22)}m_{021}^{(10)}m_{221}^{(20)}\\
&+m_{100}^{(22)}m_{021}^{(10)}m_{212}^{(10)} - 2m_{100}^{(22)}m_{021}^{(10)}m_{122}^{(00)} + m_{100}^{(22)}m_{021}^{(11)}m_{401}^{(21)} - m_{100}^{(22)}m_{021}^{(11)}m_{311}^{(20)}\\
&-m_{100}^{(22)}m_{021}^{(11)}m_{302}^{(10)} + m_{100}^{(22)}m_{021}^{(11)}m_{212}^{(00)} - m_{100}^{(22)}m_{021}^{(20)}m_{320}^{(21)} + 3m_{100}^{(22)}m_{021}^{(20)}m_{311}^{(11)}\\
&+m_{100}^{(22)}m_{021}^{(20)}m_{230}^{(20)} - 5m_{100}^{(22)}m_{021}^{(20)}m_{221}^{(10)} + 2m_{100}^{(22)}m_{021}^{(20)}m_{131}^{(00)} + m_{100}^{(22)}m_{021}^{(21)}m_{410}^{(21)}\\
&-m_{100}^{(22)}m_{021}^{(21)}m_{401}^{(11)} - m_{100}^{(22)}m_{021}^{(21)}m_{320}^{(20)} + m_{100}^{(22)}m_{021}^{(21)}m_{311}^{(10)} - m_{100}^{(22)}m_{021}^{(22)}m_{410}^{(11)}\\
&+2m_{100}^{(22)}m_{021}^{(22)}m_{320}^{(10)} - m_{100}^{(22)}m_{021}^{(22)}m_{230}^{(00)} - m_{100}^{(22)}m_{012}^{(00)}m_{230}^{(21)} + m_{100}^{(22)}m_{012}^{(00)}m_{221}^{(11)}\\
&+m_{100}^{(22)}m_{012}^{(00)}m_{140}^{(20)} - m_{100}^{(22)}m_{012}^{(00)}m_{131}^{(10)} + 2m_{100}^{(22)}m_{012}^{(10)}m_{320}^{(21)} - m_{100}^{(22)}m_{012}^{(10)}m_{311}^{(11)}\\
&-2m_{100}^{(22)}m_{012}^{(10)}m_{230}^{(20)} + m_{100}^{(22)}m_{012}^{(10)}m_{131}^{(00)} - m_{100}^{(22)}m_{012}^{(11)}m_{410}^{(21)} + m_{100}^{(22)}m_{012}^{(11)}m_{320}^{(20)}\\
&+m_{100}^{(22)}m_{012}^{(11)}m_{311}^{(10)} - m_{100}^{(22)}m_{012}^{(11)}m_{221}^{(00)} - m_{100}^{(22)}m_{012}^{(20)}m_{320}^{(11)} + 2m_{100}^{(22)}m_{012}^{(20)}m_{230}^{(10)}\\
&-m_{100}^{(22)}m_{012}^{(20)}m_{140}^{(00)} + m_{100}^{(22)}m_{012}^{(21)}m_{410}^{(11)} - 2m_{100}^{(22)}m_{012}^{(21)}m_{320}^{(10)} + m_{100}^{(22)}m_{012}^{(21)}m_{230}^{(00)}\\
&+m_{010}^{(00)}m_{210}^{(10)}m_{023}^{(22)} - 2m_{010}^{(00)}m_{210}^{(10)}m_{014}^{(21)} + m_{010}^{(00)}m_{210}^{(10)}m_{005}^{(11)} - m_{010}^{(00)}m_{210}^{(11)}m_{113}^{(22)}\\
&+m_{010}^{(00)}m_{210}^{(11)}m_{104}^{(21)} + m_{010}^{(00)}m_{210}^{(11)}m_{014}^{(20)} - m_{010}^{(00)}m_{210}^{(11)}m_{005}^{(10)} - m_{010}^{(00)}m_{210}^{(20)}m_{032}^{(22)}\\
&+2m_{010}^{(00)}m_{210}^{(20)}m_{023}^{(21)} - m_{010}^{(00)}m_{210}^{(20)}m_{014}^{(11)} + m_{010}^{(00)}m_{210}^{(21)}m_{122}^{(22)} - m_{010}^{(00)}m_{210}^{(21)}m_{104}^{(11)}\\
&-2m_{010}^{(00)}m_{210}^{(21)}m_{023}^{(20)} + 2m_{010}^{(00)}m_{210}^{(21)}m_{014}^{(10)} - m_{010}^{(00)}m_{210}^{(22)}m_{122}^{(21)} + m_{010}^{(00)}m_{210}^{(22)}m_{113}^{(11)}\\
&+m_{010}^{(00)}m_{210}^{(22)}m_{032}^{(20)} - m_{010}^{(00)}m_{210}^{(22)}m_{023}^{(10)} - m_{010}^{(00)}m_{201}^{(10)}m_{032}^{(22)} + 2m_{010}^{(00)}m_{201}^{(10)}m_{023}^{(21)}\\
&-m_{010}^{(00)}m_{201}^{(10)}m_{014}^{(11)} + m_{010}^{(00)}m_{201}^{(11)}m_{122}^{(22)} - m_{010}^{(00)}m_{201}^{(11)}m_{113}^{(21)} - m_{010}^{(00)}m_{201}^{(11)}m_{023}^{(20)}\\
&+m_{010}^{(00)}m_{201}^{(11)}m_{014}^{(10)} + m_{010}^{(00)}m_{201}^{(20)}m_{041}^{(22)} - 2m_{010}^{(00)}m_{201}^{(20)}m_{032}^{(21)} + m_{010}^{(00)}m_{201}^{(20)}m_{023}^{(11)}\\
&-m_{010}^{(00)}m_{201}^{(21)}m_{131}^{(22)} + m_{010}^{(00)}m_{201}^{(21)}m_{113}^{(11)} + 2m_{010}^{(00)}m_{201}^{(21)}m_{032}^{(20)} - 2m_{010}^{(00)}m_{201}^{(21)}m_{023}^{(10)}\\
&+m_{010}^{(00)}m_{201}^{(22)}m_{131}^{(21)} - m_{010}^{(00)}m_{201}^{(22)}m_{122}^{(11)} - m_{010}^{(00)}m_{201}^{(22)}m_{041}^{(20)} + m_{010}^{(00)}m_{201}^{(22)}m_{032}^{(10)}\\
&-m_{010}^{(00)}m_{120}^{(00)}m_{023}^{(22)} + 2m_{010}^{(00)}m_{120}^{(00)}m_{014}^{(21)} - m_{010}^{(00)}m_{120}^{(00)}m_{005}^{(11)} + m_{010}^{(00)}m_{120}^{(10)}m_{113}^{(22)}\\
&-m_{010}^{(00)}m_{120}^{(10)}m_{104}^{(21)} - m_{010}^{(00)}m_{120}^{(10)}m_{014}^{(20)} + m_{010}^{(00)}m_{120}^{(10)}m_{005}^{(10)} + m_{010}^{(00)}m_{120}^{(20)}m_{122}^{(22)}\\
&-3m_{010}^{(00)}m_{120}^{(20)}m_{113}^{(21)} + 2m_{010}^{(00)}m_{120}^{(20)}m_{104}^{(11)} + m_{010}^{(00)}m_{120}^{(20)}m_{023}^{(20)} - m_{010}^{(00)}m_{120}^{(20)}m_{014}^{(10)}\\
&-m_{010}^{(00)}m_{120}^{(21)}m_{212}^{(22)} + m_{010}^{(00)}m_{120}^{(21)}m_{203}^{(21)} + m_{010}^{(00)}m_{120}^{(21)}m_{113}^{(20)} - m_{010}^{(00)}m_{120}^{(21)}m_{104}^{(10)}\\
&+m_{010}^{(00)}m_{120}^{(22)}m_{212}^{(21)} - m_{010}^{(00)}m_{120}^{(22)}m_{203}^{(11)} - m_{010}^{(00)}m_{120}^{(22)}m_{122}^{(20)} + m_{010}^{(00)}m_{120}^{(22)}m_{113}^{(10)}\\
&+2m_{010}^{(00)}m_{111}^{(00)}m_{032}^{(22)} - 4m_{010}^{(00)}m_{111}^{(00)}m_{023}^{(21)} + 2m_{010}^{(00)}m_{111}^{(00)}m_{014}^{(11)} - 4m_{010}^{(00)}m_{111}^{(10)}m_{122}^{(22)}
\end{aligned}
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$$+6m_{010}^{(00)}m_{111}^{(10)}m_{113}^{(21)} - 2m_{010}^{(00)}m_{111}^{(10)}m_{104}^{(11)} + 2m_{010}^{(00)}m_{111}^{(10)}m_{023}^{(20)} - 2m_{010}^{(00)}m_{111}^{(10)}m_{014}^{(10)}$$
$$+2m_{010}^{(00)}m_{111}^{(11)}m_{212}^{(22)} - 2m_{010}^{(00)}m_{111}^{(11)}m_{203}^{(21)} - 2m_{010}^{(00)}m_{111}^{(11)}m_{113}^{(20)} + 2m_{010}^{(00)}m_{111}^{(11)}m_{104}^{(10)}$$
$$+2m_{010}^{(00)}m_{111}^{(20)}m_{122}^{(21)} - 2m_{010}^{(00)}m_{111}^{(20)}m_{113}^{(11)} - 2m_{010}^{(00)}m_{111}^{(20)}m_{032}^{(20)} + 2m_{010}^{(00)}m_{111}^{(20)}m_{023}^{(10)}$$
$$-2m_{010}^{(00)}m_{111}^{(21)}m_{212}^{(21)} + 2m_{010}^{(00)}m_{111}^{(21)}m_{203}^{(11)} + 2m_{010}^{(00)}m_{111}^{(21)}m_{122}^{(20)} - 2m_{010}^{(00)}m_{111}^{(21)}m_{113}^{(10)}$$
$$-m_{010}^{(00)}m_{102}^{(00)}m_{041}^{(22)} + 2m_{010}^{(00)}m_{102}^{(00)}m_{032}^{(21)} - m_{010}^{(00)}m_{102}^{(00)}m_{023}^{(11)} + 3m_{010}^{(00)}m_{102}^{(10)}m_{131}^{(22)}$$
$$-5m_{010}^{(00)}m_{102}^{(10)}m_{122}^{(21)} + 2m_{010}^{(00)}m_{102}^{(10)}m_{113}^{(11)} - m_{010}^{(00)}m_{102}^{(10)}m_{032}^{(20)} + m_{010}^{(00)}m_{102}^{(10)}m_{023}^{(10)}$$
$$-2m_{010}^{(00)}m_{102}^{(11)}m_{221}^{(22)} + 2m_{010}^{(00)}m_{102}^{(11)}m_{212}^{(21)} + 2m_{010}^{(00)}m_{102}^{(11)}m_{122}^{(20)} - 2m_{010}^{(00)}m_{102}^{(11)}m_{113}^{(10)}$$
$$-m_{010}^{(00)}m_{102}^{(20)}m_{140}^{(22)} + m_{010}^{(00)}m_{102}^{(20)}m_{131}^{(21)} + m_{010}^{(00)}m_{102}^{(20)}m_{041}^{(20)} - m_{010}^{(00)}m_{102}^{(20)}m_{032}^{(10)}$$
$$+m_{010}^{(00)}m_{102}^{(21)}m_{230}^{(22)} + m_{010}^{(00)}m_{102}^{(21)}m_{221}^{(21)} - 2m_{010}^{(00)}m_{102}^{(21)}m_{212}^{(11)} - 3m_{010}^{(00)}m_{102}^{(21)}m_{131}^{(20)}$$
$$+3m_{010}^{(00)}m_{102}^{(21)}m_{122}^{(10)} - m_{010}^{(00)}m_{102}^{(22)}m_{230}^{(21)} + m_{010}^{(00)}m_{102}^{(22)}m_{221}^{(11)} + m_{010}^{(00)}m_{102}^{(22)}m_{140}^{(20)}$$
$$-m_{010}^{(00)}m_{102}^{(22)}m_{131}^{(10)} + m_{010}^{(00)}m_{021}^{(00)}m_{122}^{(22)} - 2m_{010}^{(00)}m_{021}^{(00)}m_{113}^{(21)} + m_{010}^{(00)}m_{021}^{(00)}m_{104}^{(11)}$$
$$-m_{010}^{(00)}m_{021}^{(10)}m_{212}^{(22)} + m_{010}^{(00)}m_{021}^{(10)}m_{203}^{(21)} + m_{010}^{(00)}m_{021}^{(10)}m_{113}^{(20)} - m_{010}^{(00)}m_{021}^{(10)}m_{104}^{(10)}$$
$$-m_{010}^{(00)}m_{021}^{(20)}m_{221}^{(22)} + 3m_{010}^{(00)}m_{021}^{(20)}m_{212}^{(21)} - 2m_{010}^{(00)}m_{021}^{(20)}m_{203}^{(11)} - m_{010}^{(00)}m_{021}^{(20)}m_{122}^{(20)}$$
$$+m_{010}^{(00)}m_{021}^{(20)}m_{113}^{(10)} + m_{010}^{(00)}m_{021}^{(21)}m_{311}^{(22)} - m_{010}^{(00)}m_{021}^{(21)}m_{302}^{(21)} - m_{010}^{(00)}m_{021}^{(21)}m_{212}^{(20)}$$
$$+m_{010}^{(00)}m_{021}^{(21)}m_{203}^{(10)} - m_{010}^{(00)}m_{021}^{(22)}m_{311}^{(21)} + m_{010}^{(00)}m_{021}^{(22)}m_{302}^{(11)} + m_{010}^{(00)}m_{021}^{(22)}m_{221}^{(20)}$$
$$-m_{010}^{(00)}m_{021}^{(22)}m_{212}^{(10)} - 2m_{010}^{(00)}m_{012}^{(00)}m_{131}^{(22)} + 4m_{010}^{(00)}m_{012}^{(00)}m_{122}^{(21)} - 2m_{010}^{(00)}m_{012}^{(00)}m_{113}^{(11)}$$
$$+3m_{010}^{(00)}m_{012}^{(10)}m_{221}^{(22)} - 4m_{010}^{(00)}m_{012}^{(10)}m_{212}^{(21)} + m_{010}^{(00)}m_{012}^{(10)}m_{203}^{(11)} - 2m_{010}^{(00)}m_{012}^{(10)}m_{122}^{(20)}$$
$$+2m_{010}^{(00)}m_{012}^{(10)}m_{113}^{(10)} - m_{010}^{(00)}m_{012}^{(11)}m_{311}^{(22)} + m_{010}^{(00)}m_{012}^{(11)}m_{302}^{(21)} + m_{010}^{(00)}m_{012}^{(11)}m_{212}^{(20)}$$
$$-m_{010}^{(00)}m_{012}^{(11)}m_{203}^{(10)} + m_{010}^{(00)}m_{012}^{(20)}m_{230}^{(22)} - 4m_{010}^{(00)}m_{012}^{(20)}m_{221}^{(21)} + 3m_{010}^{(00)}m_{012}^{(20)}m_{212}^{(11)}$$
$$+2m_{010}^{(00)}m_{012}^{(20)}m_{131}^{(20)} - 2m_{010}^{(00)}m_{012}^{(20)}m_{122}^{(10)} - m_{010}^{(00)}m_{012}^{(21)}m_{320}^{(22)} + 2m_{010}^{(00)}m_{012}^{(21)}m_{311}^{(21)}$$
$$-m_{010}^{(00)}m_{012}^{(21)}m_{302}^{(11)} + m_{010}^{(00)}m_{012}^{(22)}m_{320}^{(21)} - m_{010}^{(00)}m_{012}^{(22)}m_{311}^{(11)} - m_{010}^{(00)}m_{012}^{(22)}m_{230}^{(20)}$$
$$+m_{010}^{(00)}m_{012}^{(22)}m_{221}^{(10)} + m_{010}^{(00)}m_{003}^{(00)}m_{140}^{(22)} - 2m_{010}^{(00)}m_{003}^{(00)}m_{131}^{(21)} + m_{010}^{(00)}m_{003}^{(00)}m_{122}^{(11)}$$
$$-2m_{010}^{(00)}m_{003}^{(10)}m_{230}^{(22)} + 3m_{010}^{(00)}m_{003}^{(10)}m_{221}^{(21)} - m_{010}^{(00)}m_{003}^{(10)}m_{212}^{(11)} + m_{010}^{(00)}m_{003}^{(10)}m_{131}^{(20)}$$
$$-m_{010}^{(00)}m_{003}^{(10)}m_{122}^{(10)} + m_{010}^{(00)}m_{003}^{(11)}m_{320}^{(22)} - m_{010}^{(00)}m_{003}^{(11)}m_{311}^{(21)} - m_{010}^{(00)}m_{003}^{(11)}m_{221}^{(20)}$$
$$+m_{010}^{(00)}m_{003}^{(11)}m_{212}^{(10)} + m_{010}^{(00)}m_{003}^{(20)}m_{230}^{(21)} - m_{010}^{(00)}m_{003}^{(20)}m_{221}^{(11)} - m_{010}^{(00)}m_{003}^{(20)}m_{140}^{(20)}$$
$$+m_{010}^{(00)}m_{003}^{(20)}m_{131}^{(10)} - m_{010}^{(00)}m_{003}^{(21)}m_{320}^{(21)} + m_{010}^{(00)}m_{003}^{(21)}m_{311}^{(11)} + m_{010}^{(00)}m_{003}^{(21)}m_{230}^{(20)}$$
$$-m_{010}^{(00)}m_{003}^{(21)}m_{221}^{(10)} + m_{010}^{(10)}m_{300}^{(10)}m_{023}^{(22)} + 2m_{010}^{(10)}m_{300}^{(10)}m_{014}^{(21)} - m_{010}^{(10)}m_{300}^{(10)}m_{005}^{(11)}$$
$$+m_{010}^{(10)}m_{300}^{(11)}m_{113}^{(22)} - m_{010}^{(10)}m_{300}^{(11)}m_{104}^{(21)} - m_{010}^{(10)}m_{300}^{(11)}m_{014}^{(20)} + m_{010}^{(10)}m_{300}^{(11)}m_{005}^{(10)}$$
$$+m_{010}^{(10)}m_{300}^{(20)}m_{032}^{(22)} - 2m_{010}^{(10)}m_{300}^{(20)}m_{023}^{(21)} + m_{010}^{(10)}m_{300}^{(20)}m_{014}^{(11)} - m_{010}^{(10)}m_{300}^{(21)}m_{122}^{(22)}$$
$$+m_{010}^{(10)}m_{300}^{(21)}m_{104}^{(11)} + 2m_{010}^{(10)}m_{300}^{(21)}m_{023}^{(20)} - 2m_{010}^{(10)}m_{300}^{(21)}m_{014}^{(10)} + m_{010}^{(10)}m_{300}^{(22)}m_{122}^{(21)}$$
$$-m_{010}^{(10)}m_{300}^{(22)}m_{113}^{(11)} - m_{010}^{(10)}m_{300}^{(22)}m_{032}^{(20)} + m_{010}^{(10)}m_{300}^{(22)}m_{023}^{(10)} + m_{010}^{(10)}m_{210}^{(00)}m_{023}^{(22)}$$
$$-2m_{010}^{(10)}m_{210}^{(00)}m_{014}^{(21)} + m_{010}^{(10)}m_{210}^{(00)}m_{005}^{(11)} - 2m_{010}^{(10)}m_{210}^{(10)}m_{113}^{(22)} + 2m_{010}^{(10)}m_{210}^{(10)}m_{104}^{(21)}$$
$$+2m_{010}^{(10)}m_{210}^{(10)}m_{014}^{(20)} - 2m_{010}^{(10)}m_{210}^{(10)}m_{005}^{(10)} + m_{010}^{(10)}m_{210}^{(11)}m_{203}^{(22)} - 2m_{010}^{(10)}m_{210}^{(11)}m_{104}^{(20)}$$
$$+m_{010}^{(10)}m_{210}^{(11)}m_{005}^{(00)} + 2m_{010}^{(10)}m_{210}^{(20)}m_{113}^{(21)} - 2m_{010}^{(10)}m_{210}^{(20)}m_{104}^{(11)} - 2m_{010}^{(10)}m_{210}^{(20)}m_{023}^{(20)}$$
$$+2m_{010}^{(10)}m_{210}^{(20)}m_{014}^{(10)} - 2m_{010}^{(10)}m_{210}^{(21)}m_{203}^{(21)} + 2m_{010}^{(10)}m_{210}^{(21)}m_{113}^{(20)} + 2m_{010}^{(10)}m_{210}^{(21)}m_{104}^{(10)}$$
$$-2m_{010}^{(10)}m_{210}^{(21)}m_{014}^{(00)} + m_{010}^{(10)}m_{210}^{(22)}m_{203}^{(11)} - 2m_{010}^{(10)}m_{210}^{(22)}m_{113}^{(10)} + m_{010}^{(10)}m_{210}^{(22)}m_{023}^{(00)}$$
$$-m_{010}^{(10)}m_{201}^{(00)}m_{032}^{(22)} + 2m_{010}^{(10)}m_{201}^{(00)}m_{023}^{(21)} - m_{010}^{(10)}m_{201}^{(00)}m_{014}^{(11)} + 5m_{010}^{(10)}m_{201}^{(10)}m_{122}^{(22)}$$
$$-8m_{010}^{(10)}m_{201}^{(10)}m_{113}^{(21)} + 3m_{010}^{(10)}m_{201}^{(10)}m_{104}^{(11)} - 2m_{010}^{(10)}m_{201}^{(10)}m_{023}^{(20)} + 2m_{010}^{(10)}m_{201}^{(10)}m_{014}^{(10)}$$

$$
\begin{aligned}
&-4m_{010}^{(10)}m_{201}^{(11)}m_{212}^{(22)}+3m_{010}^{(10)}m_{201}^{(11)}m_{203}^{(21)}+5m_{010}^{(10)}m_{201}^{(11)}m_{113}^{(20)}-3m_{010}^{(10)}m_{201}^{(11)}m_{104}^{(10)}\\
&-m_{010}^{(10)}m_{201}^{(11)}m_{014}^{(00)}-3m_{010}^{(10)}m_{201}^{(20)}m_{131}^{(22)}+4m_{010}^{(10)}m_{201}^{(20)}m_{122}^{(21)}-m_{010}^{(10)}m_{201}^{(20)}m_{113}^{(11)}\\
&+2m_{010}^{(10)}m_{201}^{(20)}m_{032}^{(20)}-2m_{010}^{(10)}m_{201}^{(20)}m_{023}^{(10)}+3m_{010}^{(10)}m_{201}^{(21)}m_{221}^{(22)}+2m_{010}^{(10)}m_{201}^{(21)}m_{212}^{(21)}\\
&-3m_{010}^{(10)}m_{201}^{(21)}m_{203}^{(11)}-8m_{010}^{(10)}m_{201}^{(21)}m_{122}^{(20)}+4m_{010}^{(10)}m_{201}^{(21)}m_{113}^{(10)}+2m_{010}^{(10)}m_{201}^{(21)}m_{023}^{(00)}\\
&-3m_{010}^{(10)}m_{201}^{(22)}m_{221}^{(21)}+2m_{010}^{(10)}m_{201}^{(22)}m_{212}^{(11)}+3m_{010}^{(10)}m_{201}^{(22)}m_{131}^{(20)}-m_{010}^{(10)}m_{201}^{(22)}m_{122}^{(10)}\\
&-m_{010}^{(10)}m_{201}^{(22)}m_{032}^{(00)}+m_{010}^{(10)}m_{120}^{(00)}m_{113}^{(22)}-m_{010}^{(10)}m_{120}^{(00)}m_{104}^{(21)}-m_{010}^{(10)}m_{120}^{(00)}m_{014}^{(20)}\\
&+m_{010}^{(10)}m_{120}^{(00)}m_{005}^{(10)}-m_{010}^{(10)}m_{120}^{(10)}m_{203}^{(22)}+2m_{010}^{(10)}m_{120}^{(10)}m_{104}^{(20)}-m_{010}^{(10)}m_{120}^{(10)}m_{005}^{(00)}\\
&-m_{010}^{(10)}m_{120}^{(20)}m_{212}^{(22)}+2m_{010}^{(10)}m_{120}^{(20)}m_{203}^{(21)}-2m_{010}^{(10)}m_{120}^{(20)}m_{104}^{(10)}+m_{010}^{(10)}m_{120}^{(20)}m_{014}^{(00)}\\
&+m_{010}^{(10)}m_{120}^{(21)}m_{302}^{(22)}-2m_{010}^{(10)}m_{120}^{(21)}m_{203}^{(20)}+m_{010}^{(10)}m_{120}^{(21)}m_{104}^{(00)}-m_{010}^{(10)}m_{120}^{(22)}m_{302}^{(21)}\\
&+m_{010}^{(10)}m_{120}^{(22)}m_{212}^{(20)}+m_{010}^{(10)}m_{120}^{(22)}m_{203}^{(10)}-m_{010}^{(10)}m_{120}^{(22)}m_{113}^{(00)}-4m_{010}^{(10)}m_{111}^{(00)}m_{122}^{(22)}\\
&+6m_{010}^{(10)}m_{111}^{(00)}m_{113}^{(21)}-2m_{010}^{(10)}m_{111}^{(00)}m_{104}^{(11)}+2m_{010}^{(10)}m_{111}^{(00)}m_{023}^{(20)}-2m_{010}^{(10)}m_{111}^{(00)}m_{014}^{(10)}\\
&+6m_{010}^{(10)}m_{111}^{(10)}m_{212}^{(22)}-4m_{010}^{(10)}m_{111}^{(10)}m_{203}^{(21)}-8m_{010}^{(10)}m_{111}^{(10)}m_{113}^{(20)}+4m_{010}^{(10)}m_{111}^{(10)}m_{104}^{(10)}\\
&+2m_{010}^{(10)}m_{111}^{(10)}m_{014}^{(00)}-2m_{010}^{(10)}m_{111}^{(11)}m_{302}^{(22)}+4m_{010}^{(10)}m_{111}^{(11)}m_{203}^{(20)}-2m_{010}^{(10)}m_{111}^{(11)}m_{104}^{(00)}\\
&+2m_{010}^{(10)}m_{111}^{(20)}m_{221}^{(22)}-8m_{010}^{(10)}m_{111}^{(20)}m_{212}^{(21)}+4m_{010}^{(10)}m_{111}^{(20)}m_{203}^{(11)}+4m_{010}^{(10)}m_{111}^{(20)}m_{122}^{(20)}\\
&-2m_{010}^{(10)}m_{111}^{(20)}m_{023}^{(00)}-2m_{010}^{(10)}m_{111}^{(21)}m_{311}^{(22)}+4m_{010}^{(10)}m_{111}^{(21)}m_{302}^{(21)}-4m_{010}^{(10)}m_{111}^{(21)}m_{203}^{(10)}\\
&+2m_{010}^{(10)}m_{111}^{(21)}m_{113}^{(00)}+2m_{010}^{(10)}m_{111}^{(22)}m_{311}^{(21)}-2m_{010}^{(10)}m_{111}^{(22)}m_{302}^{(11)}-2m_{010}^{(10)}m_{111}^{(22)}m_{221}^{(20)}\\
&+2m_{010}^{(10)}m_{111}^{(22)}m_{212}^{(10)}+3m_{010}^{(10)}m_{102}^{(00)}m_{131}^{(22)}-5m_{010}^{(10)}m_{102}^{(00)}m_{122}^{(21)}+2m_{010}^{(10)}m_{102}^{(00)}m_{113}^{(11)}\\
&-m_{010}^{(10)}m_{102}^{(00)}m_{032}^{(20)}+m_{010}^{(10)}m_{102}^{(00)}m_{023}^{(10)}-8m_{010}^{(10)}m_{102}^{(10)}m_{221}^{(22)}+10m_{010}^{(10)}m_{102}^{(10)}m_{212}^{(21)}\\
&-3m_{010}^{(10)}m_{102}^{(10)}m_{203}^{(11)}+6m_{010}^{(10)}m_{102}^{(10)}m_{122}^{(20)}-4m_{010}^{(10)}m_{102}^{(10)}m_{113}^{(10)}-m_{010}^{(10)}m_{102}^{(10)}m_{023}^{(00)}\\
&+5m_{010}^{(10)}m_{102}^{(11)}m_{311}^{(22)}-3m_{010}^{(10)}m_{102}^{(11)}m_{302}^{(21)}-7m_{010}^{(10)}m_{102}^{(11)}m_{212}^{(20)}+3m_{010}^{(10)}m_{102}^{(11)}m_{203}^{(10)}\\
&+2m_{010}^{(10)}m_{102}^{(11)}m_{113}^{(00)}+2m_{010}^{(10)}m_{102}^{(20)}m_{230}^{(22)}-m_{010}^{(10)}m_{102}^{(20)}m_{212}^{(11)}-4m_{010}^{(10)}m_{102}^{(20)}m_{131}^{(20)}\\
&+2m_{010}^{(10)}m_{102}^{(20)}m_{122}^{(10)}+m_{010}^{(10)}m_{102}^{(20)}m_{032}^{(00)}-2m_{010}^{(10)}m_{102}^{(21)}m_{320}^{(22)}-4m_{010}^{(10)}m_{102}^{(21)}m_{311}^{(21)}\\
&+3m_{010}^{(10)}m_{102}^{(21)}m_{302}^{(11)}+8m_{010}^{(10)}m_{102}^{(21)}m_{221}^{(20)}-2m_{010}^{(10)}m_{102}^{(21)}m_{212}^{(10)}-3m_{010}^{(10)}m_{102}^{(21)}m_{122}^{(00)}\\
&+2m_{010}^{(10)}m_{102}^{(22)}m_{320}^{(21)}-m_{010}^{(10)}m_{102}^{(22)}m_{311}^{(11)}-2m_{010}^{(10)}m_{102}^{(22)}m_{230}^{(20)}+m_{010}^{(10)}m_{102}^{(22)}m_{131}^{(00)}\\
&-m_{010}^{(10)}m_{021}^{(00)}m_{212}^{(22)}+m_{010}^{(10)}m_{021}^{(00)}m_{203}^{(21)}+m_{010}^{(10)}m_{021}^{(00)}m_{113}^{(20)}-m_{010}^{(10)}m_{021}^{(00)}m_{104}^{(10)}\\
&+m_{010}^{(10)}m_{021}^{(10)}m_{302}^{(22)}-2m_{010}^{(10)}m_{021}^{(10)}m_{203}^{(20)}+m_{010}^{(10)}m_{021}^{(10)}m_{104}^{(00)}+m_{010}^{(10)}m_{021}^{(20)}m_{311}^{(22)}\\
&-2m_{010}^{(10)}m_{021}^{(20)}m_{302}^{(21)}+2m_{010}^{(10)}m_{021}^{(20)}m_{203}^{(10)}-m_{010}^{(10)}m_{021}^{(20)}m_{113}^{(00)}-m_{010}^{(10)}m_{021}^{(21)}m_{401}^{(22)}\\
&+2m_{010}^{(10)}m_{021}^{(21)}m_{302}^{(20)}-m_{010}^{(10)}m_{021}^{(21)}m_{203}^{(00)}+m_{010}^{(10)}m_{021}^{(22)}m_{401}^{(21)}-m_{010}^{(10)}m_{021}^{(22)}m_{311}^{(20)}\\
&-m_{010}^{(10)}m_{021}^{(22)}m_{302}^{(10)}+m_{010}^{(10)}m_{021}^{(22)}m_{212}^{(00)}+3m_{010}^{(10)}m_{012}^{(00)}m_{221}^{(22)}-4m_{010}^{(10)}m_{012}^{(00)}m_{212}^{(21)}\\
&+m_{010}^{(10)}m_{012}^{(00)}m_{203}^{(11)}-2m_{010}^{(10)}m_{012}^{(00)}m_{122}^{(20)}+2m_{010}^{(10)}m_{012}^{(00)}m_{113}^{(10)}-4m_{010}^{(10)}m_{012}^{(10)}m_{311}^{(22)}\\
&+2m_{010}^{(10)}m_{012}^{(10)}m_{302}^{(21)}+6m_{010}^{(10)}m_{012}^{(10)}m_{212}^{(20)}-2m_{010}^{(10)}m_{012}^{(10)}m_{203}^{(10)}-2m_{010}^{(10)}m_{012}^{(10)}m_{113}^{(00)}\\
&+m_{010}^{(10)}m_{012}^{(11)}m_{401}^{(22)}-2m_{010}^{(10)}m_{012}^{(11)}m_{302}^{(20)}+m_{010}^{(10)}m_{012}^{(11)}m_{203}^{(00)}-2m_{010}^{(10)}m_{012}^{(20)}m_{320}^{(22)}\\
&+6m_{010}^{(10)}m_{012}^{(20)}m_{311}^{(21)}-2m_{010}^{(10)}m_{012}^{(20)}m_{302}^{(11)}-2m_{010}^{(10)}m_{012}^{(20)}m_{221}^{(20)}-2m_{010}^{(10)}m_{012}^{(20)}m_{212}^{(10)}\\
&+2m_{010}^{(10)}m_{012}^{(20)}m_{122}^{(00)}+2m_{010}^{(10)}m_{012}^{(21)}m_{410}^{(22)}-2m_{010}^{(10)}m_{012}^{(21)}m_{401}^{(21)}-2m_{010}^{(10)}m_{012}^{(21)}m_{311}^{(20)}\\
&+2m_{010}^{(10)}m_{012}^{(21)}m_{302}^{(10)}-2m_{010}^{(10)}m_{012}^{(22)}m_{410}^{(21)}+m_{010}^{(10)}m_{012}^{(22)}m_{401}^{(11)}+2m_{010}^{(10)}m_{012}^{(22)}m_{320}^{(20)}\\
&-m_{010}^{(10)}m_{012}^{(22)}m_{221}^{(00)}-2m_{010}^{(10)}m_{003}^{(00)}m_{230}^{(22)}+3m_{010}^{(10)}m_{003}^{(00)}m_{221}^{(21)}-m_{010}^{(10)}m_{003}^{(00)}m_{212}^{(11)}\\
&+m_{010}^{(10)}m_{003}^{(00)}m_{131}^{(20)}-m_{010}^{(10)}m_{003}^{(00)}m_{122}^{(10)}+4m_{010}^{(10)}m_{003}^{(10)}m_{320}^{(22)}-4m_{010}^{(10)}m_{003}^{(10)}m_{311}^{(21)}\\
&+m_{010}^{(10)}m_{003}^{(10)}m_{302}^{(11)}-4m_{010}^{(10)}m_{003}^{(10)}m_{221}^{(20)}+2m_{010}^{(10)}m_{003}^{(10)}m_{212}^{(10)}+m_{010}^{(10)}m_{003}^{(10)}m_{122}^{(00)}
\end{aligned}
$$

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\begin{aligned}
&-2m_{010}^{(10)}m_{003}^{(11)}m_{410}^{(22)} + m_{010}^{(10)}m_{003}^{(11)}m_{401}^{(21)} + 3m_{010}^{(10)}m_{003}^{(11)}m_{311}^{(20)} - m_{010}^{(10)}m_{003}^{(11)}m_{302}^{(10)}\\
&-m_{010}^{(10)}m_{003}^{(11)}m_{212}^{(00)} - 2m_{010}^{(10)}m_{003}^{(20)}m_{320}^{(21)} + m_{010}^{(10)}m_{003}^{(20)}m_{311}^{(11)} + 2m_{010}^{(10)}m_{003}^{(20)}m_{230}^{(20)}\\
&-m_{010}^{(10)}m_{003}^{(20)}m_{131}^{(00)} + 2m_{010}^{(10)}m_{003}^{(21)}m_{410}^{(21)} - m_{010}^{(10)}m_{003}^{(21)}m_{401}^{(11)} - 2m_{010}^{(10)}m_{003}^{(21)}m_{320}^{(20)}\\
&+m_{010}^{(10)}m_{003}^{(21)}m_{221}^{(00)} + m_{010}^{(11)}m_{300}^{(10)}m_{113}^{(22)} - m_{010}^{(11)}m_{300}^{(10)}m_{104}^{(21)} - m_{010}^{(11)}m_{300}^{(10)}m_{014}^{(20)}\\
&+m_{010}^{(11)}m_{300}^{(10)}m_{005}^{(10)} - m_{010}^{(11)}m_{300}^{(11)}m_{203}^{(22)} + 2m_{010}^{(11)}m_{300}^{(11)}m_{104}^{(20)} - m_{010}^{(11)}m_{300}^{(11)}m_{005}^{(00)}\\
&-m_{010}^{(11)}m_{300}^{(20)}m_{122}^{(22)} + m_{010}^{(11)}m_{300}^{(20)}m_{113}^{(21)} + m_{010}^{(11)}m_{300}^{(20)}m_{023}^{(20)} - m_{010}^{(11)}m_{300}^{(20)}m_{014}^{(10)}\\
&+m_{010}^{(11)}m_{300}^{(21)}m_{212}^{(22)} + m_{010}^{(11)}m_{300}^{(21)}m_{203}^{(21)} - 3m_{010}^{(11)}m_{300}^{(21)}m_{113}^{(20)} - m_{010}^{(11)}m_{300}^{(21)}m_{104}^{(10)}\\
&+2m_{010}^{(11)}m_{300}^{(21)}m_{014}^{(00)} - m_{010}^{(11)}m_{300}^{(22)}m_{212}^{(21)} + m_{010}^{(11)}m_{300}^{(22)}m_{122}^{(20)} + m_{010}^{(11)}m_{300}^{(22)}m_{113}^{(10)}\\
&-m_{010}^{(11)}m_{300}^{(22)}m_{023}^{(00)} - m_{010}^{(11)}m_{210}^{(00)}m_{113}^{(22)} + m_{010}^{(11)}m_{210}^{(00)}m_{104}^{(21)} + m_{010}^{(11)}m_{210}^{(00)}m_{014}^{(20)}\\
&-m_{010}^{(11)}m_{210}^{(00)}m_{005}^{(10)} + m_{010}^{(11)}m_{210}^{(10)}m_{203}^{(22)} - 2m_{010}^{(11)}m_{210}^{(10)}m_{104}^{(20)} + m_{010}^{(11)}m_{210}^{(10)}m_{005}^{(00)}\\
&+m_{010}^{(11)}m_{210}^{(20)}m_{212}^{(22)} - 2m_{010}^{(11)}m_{210}^{(20)}m_{203}^{(21)} + 2m_{010}^{(11)}m_{210}^{(20)}m_{104}^{(10)} - m_{010}^{(11)}m_{210}^{(20)}m_{014}^{(00)}\\
&-m_{010}^{(11)}m_{210}^{(21)}m_{302}^{(22)} + 2m_{010}^{(11)}m_{210}^{(21)}m_{203}^{(20)} - m_{010}^{(11)}m_{210}^{(21)}m_{104}^{(00)} + m_{010}^{(11)}m_{210}^{(22)}m_{302}^{(21)}\\
&-m_{010}^{(11)}m_{210}^{(22)}m_{212}^{(20)} - m_{010}^{(11)}m_{210}^{(22)}m_{203}^{(10)} + m_{010}^{(11)}m_{210}^{(22)}m_{113}^{(00)} + m_{010}^{(11)}m_{201}^{(00)}m_{122}^{(22)}\\
&-m_{010}^{(11)}m_{201}^{(00)}m_{113}^{(21)} - m_{010}^{(11)}m_{201}^{(00)}m_{023}^{(20)} + m_{010}^{(11)}m_{201}^{(00)}m_{014}^{(10)} - 4m_{010}^{(11)}m_{201}^{(10)}m_{212}^{(22)}\\
&+3m_{010}^{(11)}m_{201}^{(10)}m_{203}^{(21)} + 5m_{010}^{(11)}m_{201}^{(10)}m_{113}^{(20)} - 3m_{010}^{(11)}m_{201}^{(10)}m_{104}^{(10)} - m_{010}^{(11)}m_{201}^{(10)}m_{014}^{(00)}\\
&+3m_{010}^{(11)}m_{201}^{(11)}m_{302}^{(22)} - 6m_{010}^{(11)}m_{201}^{(11)}m_{203}^{(20)} + 3m_{010}^{(11)}m_{201}^{(11)}m_{104}^{(00)} + 2m_{010}^{(11)}m_{201}^{(20)}m_{221}^{(22)}\\
&-m_{010}^{(11)}m_{201}^{(20)}m_{212}^{(21)} - 3m_{010}^{(11)}m_{201}^{(20)}m_{122}^{(20)} + m_{010}^{(11)}m_{201}^{(20)}m_{113}^{(10)} + m_{010}^{(11)}m_{201}^{(20)}m_{023}^{(00)}\\
&-2m_{010}^{(11)}m_{201}^{(21)}m_{311}^{(22)} - 3m_{010}^{(11)}m_{201}^{(21)}m_{302}^{(21)} + 7m_{010}^{(11)}m_{201}^{(21)}m_{212}^{(20)} + 3m_{010}^{(11)}m_{201}^{(21)}m_{203}^{(10)}\\
&-5m_{010}^{(11)}m_{201}^{(21)}m_{113}^{(00)} + 2m_{010}^{(11)}m_{201}^{(22)}m_{311}^{(21)} - 2m_{010}^{(11)}m_{201}^{(22)}m_{221}^{(20)} - 2m_{010}^{(11)}m_{201}^{(22)}m_{212}^{(10)}\\
&+2m_{010}^{(11)}m_{201}^{(22)}m_{122}^{(00)} + 2m_{010}^{(11)}m_{111}^{(00)}m_{212}^{(22)} - 2m_{010}^{(11)}m_{111}^{(00)}m_{203}^{(21)} - 2m_{010}^{(11)}m_{111}^{(00)}m_{113}^{(20)}\\
&+2m_{010}^{(11)}m_{111}^{(00)}m_{104}^{(10)} - 2m_{010}^{(11)}m_{111}^{(10)}m_{302}^{(22)} + 4m_{010}^{(11)}m_{111}^{(10)}m_{203}^{(20)} - 2m_{010}^{(11)}m_{111}^{(10)}m_{104}^{(00)}\\
&-2m_{010}^{(11)}m_{111}^{(20)}m_{311}^{(22)} + 4m_{010}^{(11)}m_{111}^{(20)}m_{302}^{(21)} - 4m_{010}^{(11)}m_{111}^{(20)}m_{203}^{(10)} + 2m_{010}^{(11)}m_{111}^{(20)}m_{113}^{(00)}\\
&+2m_{010}^{(11)}m_{111}^{(21)}m_{401}^{(22)} - 4m_{010}^{(11)}m_{111}^{(21)}m_{302}^{(20)} + 2m_{010}^{(11)}m_{111}^{(21)}m_{203}^{(00)} - 2m_{010}^{(11)}m_{111}^{(22)}m_{401}^{(21)}\\
&+2m_{010}^{(11)}m_{111}^{(22)}m_{311}^{(20)} + 2m_{010}^{(11)}m_{111}^{(22)}m_{302}^{(10)} - 2m_{010}^{(11)}m_{111}^{(22)}m_{212}^{(00)} - 2m_{010}^{(11)}m_{102}^{(00)}m_{221}^{(22)}\\
&+2m_{010}^{(11)}m_{102}^{(00)}m_{212}^{(21)} + 2m_{010}^{(11)}m_{102}^{(00)}m_{122}^{(20)} - 2m_{010}^{(11)}m_{102}^{(00)}m_{113}^{(10)} + 5m_{010}^{(11)}m_{102}^{(10)}m_{311}^{(22)}\\
&-3m_{010}^{(11)}m_{102}^{(10)}m_{302}^{(21)} - 7m_{010}^{(11)}m_{102}^{(10)}m_{212}^{(20)} + 3m_{010}^{(11)}m_{102}^{(10)}m_{203}^{(10)} + 2m_{010}^{(11)}m_{102}^{(10)}m_{113}^{(00)}\\
&-3m_{010}^{(11)}m_{102}^{(11)}m_{401}^{(22)} + 6m_{010}^{(11)}m_{102}^{(11)}m_{302}^{(20)} - 3m_{010}^{(11)}m_{102}^{(11)}m_{203}^{(00)} - m_{010}^{(11)}m_{102}^{(20)}m_{320}^{(22)}\\
&-m_{010}^{(11)}m_{102}^{(20)}m_{311}^{(21)} + 3m_{010}^{(11)}m_{102}^{(20)}m_{221}^{(20)} + m_{010}^{(11)}m_{102}^{(20)}m_{212}^{(10)} - 2m_{010}^{(11)}m_{102}^{(20)}m_{122}^{(00)}\\
&+m_{010}^{(11)}m_{102}^{(21)}m_{410}^{(22)} + 3m_{010}^{(11)}m_{102}^{(21)}m_{401}^{(21)} - 5m_{010}^{(11)}m_{102}^{(21)}m_{311}^{(20)} - 3m_{010}^{(11)}m_{102}^{(21)}m_{302}^{(10)}\\
&+4m_{010}^{(11)}m_{102}^{(21)}m_{212}^{(00)} - m_{010}^{(11)}m_{102}^{(22)}m_{410}^{(21)} + m_{010}^{(11)}m_{102}^{(22)}m_{320}^{(20)} + m_{010}^{(11)}m_{102}^{(22)}m_{311}^{(10)}\\
&-m_{010}^{(11)}m_{102}^{(22)}m_{221}^{(00)} - m_{010}^{(11)}m_{012}^{(00)}m_{311}^{(22)} + m_{010}^{(11)}m_{012}^{(00)}m_{302}^{(21)} + m_{010}^{(11)}m_{012}^{(00)}m_{212}^{(20)}\\
&-m_{010}^{(11)}m_{012}^{(00)}m_{203}^{(10)} + m_{010}^{(11)}m_{012}^{(10)}m_{401}^{(22)} - 2m_{010}^{(11)}m_{012}^{(10)}m_{302}^{(20)} + m_{010}^{(11)}m_{012}^{(10)}m_{203}^{(00)}\\
&+m_{010}^{(11)}m_{012}^{(20)}m_{410}^{(22)} - 2m_{010}^{(11)}m_{012}^{(20)}m_{401}^{(21)} + 2m_{010}^{(11)}m_{012}^{(20)}m_{302}^{(10)} - m_{010}^{(11)}m_{012}^{(20)}m_{212}^{(00)}\\
&-m_{010}^{(11)}m_{012}^{(21)}m_{500}^{(22)} + 2m_{010}^{(11)}m_{012}^{(21)}m_{401}^{(20)} - m_{010}^{(11)}m_{012}^{(21)}m_{302}^{(00)} + m_{010}^{(11)}m_{012}^{(22)}m_{500}^{(21)}\\
&-m_{010}^{(11)}m_{012}^{(22)}m_{410}^{(20)} - m_{010}^{(11)}m_{012}^{(22)}m_{401}^{(10)} + m_{010}^{(11)}m_{012}^{(22)}m_{311}^{(00)} + m_{010}^{(11)}m_{003}^{(00)}m_{320}^{(22)}\\
&-m_{010}^{(11)}m_{003}^{(00)}m_{311}^{(21)} - m_{010}^{(11)}m_{003}^{(00)}m_{221}^{(20)} + m_{010}^{(11)}m_{003}^{(00)}m_{212}^{(10)} - 2m_{010}^{(11)}m_{003}^{(10)}m_{410}^{(22)}\\
&+m_{010}^{(11)}m_{003}^{(10)}m_{401}^{(21)} + 3m_{010}^{(11)}m_{003}^{(10)}m_{311}^{(20)} - m_{010}^{(11)}m_{003}^{(10)}m_{302}^{(10)} - m_{010}^{(11)}m_{003}^{(10)}m_{212}^{(00)}\\
&+m_{010}^{(11)}m_{003}^{(11)}m_{500}^{(22)} - 2m_{010}^{(11)}m_{003}^{(11)}m_{401}^{(20)} + m_{010}^{(11)}m_{003}^{(11)}m_{302}^{(00)} + m_{010}^{(11)}m_{003}^{(20)}m_{410}^{(21)}
\end{aligned}
$$

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\begin{aligned}
&-m_{010}^{(11)}m_{003}^{(20)}m_{320}^{(20)} - m_{010}^{(11)}m_{003}^{(20)}m_{311}^{(10)} + m_{010}^{(11)}m_{003}^{(20)}m_{221}^{(00)} - m_{010}^{(11)}m_{003}^{(21)}m_{500}^{(21)}\\
&+m_{010}^{(11)}m_{003}^{(21)}m_{410}^{(20)} + m_{010}^{(11)}m_{003}^{(21)}m_{401}^{(10)} - m_{010}^{(11)}m_{003}^{(21)}m_{311}^{(00)} + m_{010}^{(20)}m_{300}^{(10)}m_{032}^{(22)}\\
&-2m_{010}^{(20)}m_{300}^{(10)}m_{023}^{(21)} + m_{010}^{(20)}m_{300}^{(10)}m_{014}^{(11)} - m_{010}^{(20)}m_{300}^{(11)}m_{122}^{(22)} + m_{010}^{(20)}m_{300}^{(11)}m_{113}^{(21)}\\
&+m_{010}^{(20)}m_{300}^{(11)}m_{023}^{(20)} - m_{010}^{(20)}m_{300}^{(11)}m_{014}^{(10)} - m_{010}^{(20)}m_{300}^{(20)}m_{041}^{(22)} + 2m_{010}^{(20)}m_{300}^{(20)}m_{032}^{(21)}\\
&-m_{010}^{(20)}m_{300}^{(20)}m_{023}^{(11)} + m_{010}^{(20)}m_{300}^{(21)}m_{131}^{(22)} - m_{010}^{(20)}m_{300}^{(21)}m_{113}^{(11)} - 2m_{010}^{(20)}m_{300}^{(21)}m_{032}^{(20)}\\
&+2m_{010}^{(20)}m_{300}^{(21)}m_{023}^{(10)} - m_{010}^{(20)}m_{300}^{(22)}m_{131}^{(21)} + m_{010}^{(20)}m_{300}^{(22)}m_{122}^{(11)} + m_{010}^{(20)}m_{300}^{(22)}m_{041}^{(20)}\\
&-m_{010}^{(20)}m_{300}^{(22)}m_{032}^{(10)} - m_{010}^{(20)}m_{210}^{(00)}m_{032}^{(22)} + 2m_{010}^{(20)}m_{210}^{(00)}m_{023}^{(21)} - m_{010}^{(20)}m_{210}^{(00)}m_{014}^{(11)}\\
&+2m_{010}^{(20)}m_{210}^{(10)}m_{113}^{(21)} - 2m_{010}^{(20)}m_{210}^{(10)}m_{104}^{(11)} - 2m_{010}^{(20)}m_{210}^{(10)}m_{023}^{(20)} + 2m_{010}^{(20)}m_{210}^{(10)}m_{014}^{(10)}\\
&+m_{010}^{(20)}m_{210}^{(11)}m_{212}^{(22)} - 2m_{010}^{(20)}m_{210}^{(11)}m_{203}^{(21)} + 2m_{010}^{(20)}m_{210}^{(11)}m_{104}^{(10)} - m_{010}^{(20)}m_{210}^{(11)}m_{014}^{(00)}\\
&+2m_{010}^{(20)}m_{210}^{(20)}m_{131}^{(22)} - 6m_{010}^{(20)}m_{210}^{(20)}m_{122}^{(21)} + 4m_{010}^{(20)}m_{210}^{(20)}m_{113}^{(11)} + 2m_{010}^{(20)}m_{210}^{(20)}m_{032}^{(20)}\\
&-2m_{010}^{(20)}m_{210}^{(20)}m_{023}^{(10)} - 2m_{010}^{(20)}m_{210}^{(21)}m_{221}^{(22)} + 2m_{010}^{(20)}m_{210}^{(21)}m_{212}^{(21)} + 2m_{010}^{(20)}m_{210}^{(21)}m_{203}^{(11)}\\
&+2m_{010}^{(20)}m_{210}^{(21)}m_{122}^{(20)} - 6m_{010}^{(20)}m_{210}^{(21)}m_{113}^{(10)} + 2m_{010}^{(20)}m_{210}^{(21)}m_{023}^{(00)} + 2m_{010}^{(20)}m_{210}^{(22)}m_{221}^{(21)}\\
&-3m_{010}^{(20)}m_{210}^{(22)}m_{212}^{(11)} - 2m_{010}^{(20)}m_{210}^{(22)}m_{131}^{(20)} + 4m_{010}^{(20)}m_{210}^{(22)}m_{122}^{(10)} - m_{010}^{(20)}m_{210}^{(22)}m_{032}^{(00)}\\
&+m_{010}^{(20)}m_{201}^{(00)}m_{041}^{(22)} - 2m_{010}^{(20)}m_{201}^{(00)}m_{032}^{(21)} + m_{010}^{(20)}m_{201}^{(00)}m_{023}^{(11)} - 3m_{010}^{(20)}m_{201}^{(10)}m_{131}^{(22)}\\
&+4m_{010}^{(20)}m_{201}^{(10)}m_{122}^{(21)} - m_{010}^{(20)}m_{201}^{(10)}m_{113}^{(11)} + 2m_{010}^{(20)}m_{201}^{(10)}m_{032}^{(20)} - 2m_{010}^{(20)}m_{201}^{(10)}m_{023}^{(10)}\\
&+2m_{010}^{(20)}m_{201}^{(11)}m_{221}^{(22)} - m_{010}^{(20)}m_{201}^{(11)}m_{212}^{(21)} - 3m_{010}^{(20)}m_{201}^{(11)}m_{122}^{(20)} + m_{010}^{(20)}m_{201}^{(11)}m_{113}^{(10)}\\
&+m_{010}^{(20)}m_{201}^{(11)}m_{023}^{(00)} + m_{010}^{(20)}m_{201}^{(20)}m_{140}^{(22)} - m_{010}^{(20)}m_{201}^{(20)}m_{122}^{(11)} - 2m_{010}^{(20)}m_{201}^{(20)}m_{041}^{(20)}\\
&+2m_{010}^{(20)}m_{201}^{(20)}m_{032}^{(10)} - m_{010}^{(20)}m_{201}^{(21)}m_{230}^{(22)} - 2m_{010}^{(20)}m_{201}^{(21)}m_{221}^{(21)} + m_{010}^{(20)}m_{201}^{(21)}m_{212}^{(11)}\\
&+4m_{010}^{(20)}m_{201}^{(21)}m_{131}^{(20)} - 2m_{010}^{(20)}m_{201}^{(21)}m_{032}^{(00)} + m_{010}^{(20)}m_{201}^{(22)}m_{230}^{(21)} - m_{010}^{(20)}m_{201}^{(22)}m_{140}^{(20)}\\
&-m_{010}^{(20)}m_{201}^{(22)}m_{131}^{(10)} + m_{010}^{(20)}m_{201}^{(22)}m_{041}^{(00)} + m_{010}^{(20)}m_{120}^{(00)}m_{122}^{(22)} - 3m_{010}^{(20)}m_{120}^{(00)}m_{113}^{(21)}\\
&+2m_{010}^{(20)}m_{120}^{(00)}m_{104}^{(11)} + m_{010}^{(20)}m_{120}^{(00)}m_{023}^{(20)} - m_{010}^{(20)}m_{120}^{(00)}m_{014}^{(10)} - m_{010}^{(20)}m_{120}^{(10)}m_{212}^{(22)}\\
&+2m_{010}^{(20)}m_{120}^{(10)}m_{203}^{(21)} - 2m_{010}^{(20)}m_{120}^{(10)}m_{104}^{(10)} + m_{010}^{(20)}m_{120}^{(10)}m_{014}^{(00)} - m_{010}^{(20)}m_{120}^{(20)}m_{221}^{(22)}\\
&+4m_{010}^{(20)}m_{120}^{(20)}m_{212}^{(21)} - 4m_{010}^{(20)}m_{120}^{(20)}m_{203}^{(11)} - 2m_{010}^{(20)}m_{120}^{(20)}m_{122}^{(20)} + 4m_{010}^{(20)}m_{120}^{(20)}m_{113}^{(10)}\\
&-m_{010}^{(20)}m_{120}^{(20)}m_{023}^{(00)} + m_{010}^{(20)}m_{120}^{(21)}m_{311}^{(22)} - 2m_{010}^{(20)}m_{120}^{(21)}m_{302}^{(21)} + 2m_{010}^{(20)}m_{120}^{(21)}m_{203}^{(10)}\\
&-m_{010}^{(20)}m_{120}^{(21)}m_{113}^{(00)} - m_{010}^{(20)}m_{120}^{(22)}m_{311}^{(21)} + 2m_{010}^{(20)}m_{120}^{(22)}m_{302}^{(11)} + m_{010}^{(20)}m_{120}^{(22)}m_{221}^{(20)}\\
&-3m_{010}^{(20)}m_{120}^{(22)}m_{212}^{(10)} + m_{010}^{(20)}m_{120}^{(22)}m_{122}^{(00)} + 2m_{010}^{(20)}m_{111}^{(00)}m_{122}^{(21)} - 2m_{010}^{(20)}m_{111}^{(00)}m_{113}^{(11)}\\
&-2m_{010}^{(20)}m_{111}^{(00)}m_{032}^{(20)} + 2m_{010}^{(20)}m_{111}^{(00)}m_{023}^{(10)} + 2m_{010}^{(20)}m_{111}^{(10)}m_{221}^{(22)} - 8m_{010}^{(20)}m_{111}^{(10)}m_{212}^{(21)}\\
&+4m_{010}^{(20)}m_{111}^{(10)}m_{203}^{(11)} + 4m_{010}^{(20)}m_{111}^{(10)}m_{122}^{(20)} - 2m_{010}^{(20)}m_{111}^{(10)}m_{023}^{(00)} - 2m_{010}^{(20)}m_{111}^{(11)}m_{311}^{(22)}\\
&+4m_{010}^{(20)}m_{111}^{(11)}m_{302}^{(21)} - 4m_{010}^{(20)}m_{111}^{(11)}m_{203}^{(10)} + 2m_{010}^{(20)}m_{111}^{(11)}m_{113}^{(00)} - 2m_{010}^{(20)}m_{111}^{(20)}m_{230}^{(22)}\\
&+4m_{010}^{(20)}m_{111}^{(20)}m_{221}^{(21)} - 4m_{010}^{(20)}m_{111}^{(20)}m_{122}^{(10)} + 2m_{010}^{(20)}m_{111}^{(20)}m_{032}^{(00)} + 2m_{010}^{(20)}m_{111}^{(21)}m_{320}^{(22)}\\
&-4m_{010}^{(20)}m_{111}^{(21)}m_{302}^{(11)} - 4m_{010}^{(20)}m_{111}^{(21)}m_{221}^{(20)} + 8m_{010}^{(20)}m_{111}^{(21)}m_{212}^{(10)} - 2m_{010}^{(20)}m_{111}^{(21)}m_{122}^{(00)}\\
&-2m_{010}^{(20)}m_{111}^{(22)}m_{320}^{(21)} + 2m_{010}^{(20)}m_{111}^{(22)}m_{311}^{(11)} + 2m_{010}^{(20)}m_{111}^{(22)}m_{230}^{(20)} - 2m_{010}^{(20)}m_{111}^{(22)}m_{221}^{(10)}\\
&-m_{010}^{(20)}m_{102}^{(00)}m_{140}^{(22)} + m_{010}^{(20)}m_{102}^{(00)}m_{131}^{(21)} + m_{010}^{(20)}m_{102}^{(00)}m_{041}^{(20)} - m_{010}^{(20)}m_{102}^{(00)}m_{032}^{(10)}\\
&+2m_{010}^{(20)}m_{102}^{(10)}m_{230}^{(22)} - m_{010}^{(20)}m_{102}^{(10)}m_{212}^{(11)} - 4m_{010}^{(20)}m_{102}^{(10)}m_{131}^{(20)} + 2m_{010}^{(20)}m_{102}^{(10)}m_{122}^{(10)}\\
&+m_{010}^{(20)}m_{102}^{(10)}m_{032}^{(00)} - m_{010}^{(20)}m_{102}^{(11)}m_{320}^{(22)} - m_{010}^{(20)}m_{102}^{(11)}m_{311}^{(21)} + 3m_{010}^{(20)}m_{102}^{(11)}m_{221}^{(20)}\\
&+m_{010}^{(20)}m_{102}^{(11)}m_{212}^{(10)} - 2m_{010}^{(20)}m_{102}^{(11)}m_{122}^{(00)} - 2m_{010}^{(20)}m_{102}^{(20)}m_{230}^{(21)} + m_{010}^{(20)}m_{102}^{(20)}m_{221}^{(11)}\\
&+2m_{010}^{(20)}m_{102}^{(20)}m_{140}^{(20)} - m_{010}^{(20)}m_{102}^{(20)}m_{041}^{(00)} + 2m_{010}^{(20)}m_{102}^{(21)}m_{320}^{(21)} + m_{010}^{(20)}m_{102}^{(21)}m_{311}^{(11)}\\
&-2m_{010}^{(20)}m_{102}^{(21)}m_{230}^{(20)} - 4m_{010}^{(20)}m_{102}^{(21)}m_{221}^{(10)} + 3m_{010}^{(20)}m_{102}^{(21)}m_{131}^{(00)} - m_{010}^{(20)}m_{102}^{(22)}m_{320}^{(11)}
\end{aligned}
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\begin{aligned}
&+2m_{010}^{(20)}m_{102}^{(22)}m_{230}^{(10)} - m_{010}^{(20)}m_{102}^{(22)}m_{140}^{(00)} - m_{010}^{(20)}m_{021}^{(00)}m_{221}^{(22)} + 3m_{010}^{(20)}m_{021}^{(00)}m_{212}^{(21)}\\
&-2m_{010}^{(20)}m_{021}^{(00)}m_{203}^{(11)} - m_{010}^{(20)}m_{021}^{(00)}m_{122}^{(20)} + m_{010}^{(20)}m_{021}^{(00)}m_{113}^{(10)} + m_{010}^{(20)}m_{021}^{(10)}m_{311}^{(22)}\\
&-2m_{010}^{(20)}m_{021}^{(10)}m_{302}^{(21)} + 2m_{010}^{(20)}m_{021}^{(10)}m_{203}^{(10)} - m_{010}^{(20)}m_{021}^{(10)}m_{113}^{(00)} + m_{010}^{(20)}m_{021}^{(20)}m_{320}^{(22)}\\
&-4m_{010}^{(20)}m_{021}^{(20)}m_{311}^{(21)} + 4m_{010}^{(20)}m_{021}^{(20)}m_{302}^{(11)} + 2m_{010}^{(20)}m_{021}^{(20)}m_{221}^{(20)} - 4m_{010}^{(20)}m_{021}^{(20)}m_{212}^{(10)}\\
&+m_{010}^{(20)}m_{021}^{(20)}m_{122}^{(00)} - m_{010}^{(20)}m_{021}^{(21)}m_{410}^{(22)} + 2m_{010}^{(20)}m_{021}^{(21)}m_{401}^{(21)} - 2m_{010}^{(20)}m_{021}^{(21)}m_{302}^{(10)}\\
&+m_{010}^{(20)}m_{021}^{(21)}m_{212}^{(00)} + m_{010}^{(20)}m_{021}^{(22)}m_{410}^{(21)} - 2m_{010}^{(20)}m_{021}^{(22)}m_{401}^{(11)} - m_{010}^{(20)}m_{021}^{(22)}m_{320}^{(20)}\\
&+3m_{010}^{(20)}m_{021}^{(22)}m_{311}^{(10)} - m_{010}^{(20)}m_{021}^{(22)}m_{221}^{(00)} + m_{010}^{(20)}m_{012}^{(00)}m_{230}^{(22)} - 4m_{010}^{(20)}m_{012}^{(00)}m_{221}^{(21)}\\
&+3m_{010}^{(20)}m_{012}^{(00)}m_{212}^{(11)} + 2m_{010}^{(20)}m_{012}^{(00)}m_{131}^{(20)} - 2m_{010}^{(20)}m_{012}^{(00)}m_{122}^{(10)} - 2m_{010}^{(20)}m_{012}^{(10)}m_{320}^{(22)}\\
&+6m_{010}^{(20)}m_{012}^{(10)}m_{311}^{(21)} - 2m_{010}^{(20)}m_{012}^{(10)}m_{302}^{(11)} - 2m_{010}^{(20)}m_{012}^{(10)}m_{221}^{(20)} - 2m_{010}^{(20)}m_{012}^{(10)}m_{212}^{(10)}\\
&+2m_{010}^{(20)}m_{012}^{(10)}m_{122}^{(00)} + m_{010}^{(20)}m_{012}^{(11)}m_{410}^{(22)} - 2m_{010}^{(20)}m_{012}^{(11)}m_{401}^{(21)} + 2m_{010}^{(20)}m_{012}^{(11)}m_{302}^{(10)}\\
&-m_{010}^{(20)}m_{012}^{(11)}m_{212}^{(00)} + 2m_{010}^{(20)}m_{012}^{(20)}m_{320}^{(21)} - 4m_{010}^{(20)}m_{012}^{(20)}m_{311}^{(11)} - 2m_{010}^{(20)}m_{012}^{(20)}m_{230}^{(20)}\\
&+6m_{010}^{(20)}m_{012}^{(20)}m_{221}^{(10)} - 2m_{010}^{(20)}m_{012}^{(20)}m_{131}^{(00)} - 2m_{010}^{(20)}m_{012}^{(21)}m_{410}^{(21)} + 2m_{010}^{(20)}m_{012}^{(21)}m_{401}^{(11)}\\
&+2m_{010}^{(20)}m_{012}^{(21)}m_{320}^{(20)} - 2m_{010}^{(20)}m_{012}^{(21)}m_{311}^{(10)} + m_{010}^{(20)}m_{012}^{(22)}m_{410}^{(11)} - 2m_{010}^{(20)}m_{012}^{(22)}m_{320}^{(10)}\\
&+m_{010}^{(20)}m_{012}^{(22)}m_{230}^{(00)} + m_{010}^{(20)}m_{003}^{(00)}m_{230}^{(21)} - m_{010}^{(20)}m_{003}^{(00)}m_{221}^{(11)} - m_{010}^{(20)}m_{003}^{(00)}m_{140}^{(20)}\\
&+m_{010}^{(20)}m_{003}^{(00)}m_{131}^{(10)} - 2m_{010}^{(20)}m_{003}^{(10)}m_{320}^{(21)} + m_{010}^{(20)}m_{003}^{(10)}m_{311}^{(11)} + 2m_{010}^{(20)}m_{003}^{(10)}m_{230}^{(20)}\\
&-m_{010}^{(20)}m_{003}^{(10)}m_{131}^{(00)} + m_{010}^{(20)}m_{003}^{(11)}m_{410}^{(21)} - m_{010}^{(20)}m_{003}^{(11)}m_{320}^{(20)} - m_{010}^{(20)}m_{003}^{(11)}m_{311}^{(10)}\\
&+m_{010}^{(20)}m_{003}^{(11)}m_{221}^{(00)} + m_{010}^{(20)}m_{003}^{(20)}m_{320}^{(11)} - 2m_{010}^{(20)}m_{003}^{(20)}m_{230}^{(10)} + m_{010}^{(20)}m_{003}^{(20)}m_{140}^{(00)}\\
&-m_{010}^{(20)}m_{003}^{(21)}m_{410}^{(11)} + 2m_{010}^{(20)}m_{003}^{(21)}m_{320}^{(10)} - m_{010}^{(20)}m_{003}^{(21)}m_{230}^{(00)} - m_{010}^{(21)}m_{300}^{(10)}m_{122}^{(22)}\\
&+m_{010}^{(21)}m_{300}^{(10)}m_{104}^{(11)} + 2m_{010}^{(21)}m_{300}^{(10)}m_{023}^{(20)} - 2m_{010}^{(21)}m_{300}^{(10)}m_{014}^{(10)} + m_{010}^{(21)}m_{300}^{(11)}m_{212}^{(22)}\\
&+m_{010}^{(21)}m_{300}^{(11)}m_{203}^{(21)} - 3m_{010}^{(21)}m_{300}^{(11)}m_{113}^{(20)} - m_{010}^{(21)}m_{300}^{(11)}m_{104}^{(10)} + 2m_{010}^{(21)}m_{300}^{(11)}m_{014}^{(00)}\\
&+m_{010}^{(21)}m_{300}^{(20)}m_{131}^{(22)} - m_{010}^{(21)}m_{300}^{(20)}m_{113}^{(11)} - 2m_{010}^{(21)}m_{300}^{(20)}m_{032}^{(20)} + 2m_{010}^{(21)}m_{300}^{(20)}m_{023}^{(10)}\\
&-m_{010}^{(21)}m_{300}^{(21)}m_{221}^{(22)} - 2m_{010}^{(21)}m_{300}^{(21)}m_{212}^{(21)} - m_{010}^{(21)}m_{300}^{(21)}m_{203}^{(11)} + 4m_{010}^{(21)}m_{300}^{(21)}m_{122}^{(20)}\\
&+4m_{010}^{(21)}m_{300}^{(21)}m_{113}^{(10)} - 4m_{010}^{(21)}m_{300}^{(21)}m_{023}^{(00)} + m_{010}^{(21)}m_{300}^{(22)}m_{221}^{(21)} + m_{010}^{(21)}m_{300}^{(22)}m_{212}^{(11)}\\
&-m_{010}^{(21)}m_{300}^{(22)}m_{131}^{(20)} - 3m_{010}^{(21)}m_{300}^{(22)}m_{122}^{(10)} + 2m_{010}^{(21)}m_{300}^{(22)}m_{032}^{(00)} + m_{010}^{(21)}m_{210}^{(00)}m_{122}^{(22)}\\
&-m_{010}^{(21)}m_{210}^{(00)}m_{104}^{(11)} - 2m_{010}^{(21)}m_{210}^{(00)}m_{023}^{(20)} + 2m_{010}^{(21)}m_{210}^{(00)}m_{014}^{(10)} - 2m_{010}^{(21)}m_{210}^{(10)}m_{203}^{(21)}\\
&+2m_{010}^{(21)}m_{210}^{(10)}m_{113}^{(20)} + 2m_{010}^{(21)}m_{210}^{(10)}m_{104}^{(10)} - 2m_{010}^{(21)}m_{210}^{(10)}m_{014}^{(00)} - m_{010}^{(21)}m_{210}^{(11)}m_{302}^{(22)}\\
&+2m_{010}^{(21)}m_{210}^{(11)}m_{203}^{(20)} - m_{010}^{(21)}m_{210}^{(11)}m_{104}^{(00)} - 2m_{010}^{(21)}m_{210}^{(20)}m_{221}^{(22)} + 2m_{010}^{(21)}m_{210}^{(20)}m_{212}^{(21)}\\
&+2m_{010}^{(21)}m_{210}^{(20)}m_{203}^{(11)} + 2m_{010}^{(21)}m_{210}^{(20)}m_{122}^{(20)} - 6m_{010}^{(21)}m_{210}^{(20)}m_{113}^{(10)} + 2m_{010}^{(21)}m_{210}^{(20)}m_{023}^{(00)}\\
&+2m_{010}^{(21)}m_{210}^{(21)}m_{311}^{(22)} + 2m_{010}^{(21)}m_{210}^{(21)}m_{302}^{(21)} - 6m_{010}^{(21)}m_{210}^{(21)}m_{212}^{(20)} - 2m_{010}^{(21)}m_{210}^{(21)}m_{203}^{(10)}\\
&+4m_{010}^{(21)}m_{210}^{(21)}m_{113}^{(00)} - 2m_{010}^{(21)}m_{210}^{(22)}m_{311}^{(21)} - m_{010}^{(21)}m_{210}^{(22)}m_{302}^{(11)} + 2m_{010}^{(21)}m_{210}^{(22)}m_{221}^{(20)}\\
&+4m_{010}^{(21)}m_{210}^{(22)}m_{212}^{(10)} - 3m_{010}^{(21)}m_{210}^{(22)}m_{122}^{(00)} - m_{010}^{(21)}m_{201}^{(00)}m_{131}^{(22)} + m_{010}^{(21)}m_{201}^{(00)}m_{113}^{(11)}\\
&+2m_{010}^{(21)}m_{201}^{(00)}m_{032}^{(20)} - 2m_{010}^{(21)}m_{201}^{(00)}m_{023}^{(10)} + 3m_{010}^{(21)}m_{201}^{(10)}m_{221}^{(22)} + 2m_{010}^{(21)}m_{201}^{(10)}m_{212}^{(21)}\\
&-3m_{010}^{(21)}m_{201}^{(10)}m_{203}^{(11)} - 8m_{010}^{(21)}m_{201}^{(10)}m_{122}^{(20)} + 4m_{010}^{(21)}m_{201}^{(10)}m_{113}^{(10)} + 2m_{010}^{(21)}m_{201}^{(10)}m_{023}^{(00)}\\
&-2m_{010}^{(21)}m_{201}^{(11)}m_{311}^{(22)} - 3m_{010}^{(21)}m_{201}^{(11)}m_{302}^{(21)} + 7m_{010}^{(21)}m_{201}^{(11)}m_{212}^{(20)} + 3m_{010}^{(21)}m_{201}^{(11)}m_{203}^{(10)}\\
&-5m_{010}^{(21)}m_{201}^{(11)}m_{113}^{(00)} - m_{010}^{(21)}m_{201}^{(20)}m_{230}^{(22)} - 2m_{010}^{(21)}m_{201}^{(20)}m_{221}^{(21)} + m_{010}^{(21)}m_{201}^{(20)}m_{212}^{(11)}\\
&+4m_{010}^{(21)}m_{201}^{(20)}m_{131}^{(20)} - 2m_{010}^{(21)}m_{201}^{(20)}m_{032}^{(00)} + m_{010}^{(21)}m_{201}^{(21)}m_{320}^{(22)} + 4m_{010}^{(21)}m_{201}^{(21)}m_{311}^{(21)}\\
&+3m_{010}^{(21)}m_{201}^{(21)}m_{302}^{(11)} - 6m_{010}^{(21)}m_{201}^{(21)}m_{221}^{(20)} - 10m_{010}^{(21)}m_{201}^{(21)}m_{212}^{(10)} + 8m_{010}^{(21)}m_{201}^{(21)}m_{122}^{(00)}\\
&-m_{010}^{(21)}m_{201}^{(22)}m_{320}^{(21)} - 2m_{010}^{(21)}m_{201}^{(22)}m_{311}^{(11)} + m_{010}^{(21)}m_{201}^{(22)}m_{230}^{(20)} + 5m_{010}^{(21)}m_{201}^{(22)}m_{221}^{(10)}
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\begin{aligned}
&-3m_{010}^{(21)}m_{201}^{(22)}m_{131}^{(00)} - m_{010}^{(21)}m_{120}^{(00)}m_{212}^{(22)} + m_{010}^{(21)}m_{120}^{(00)}m_{203}^{(21)} + m_{010}^{(21)}m_{120}^{(00)}m_{113}^{(20)}\\
&-m_{010}^{(21)}m_{120}^{(00)}m_{104}^{(10)} + m_{010}^{(21)}m_{120}^{(10)}m_{302}^{(22)} - 2m_{010}^{(21)}m_{120}^{(10)}m_{203}^{(20)} + m_{010}^{(21)}m_{120}^{(10)}m_{104}^{(00)}\\
&+m_{010}^{(21)}m_{120}^{(20)}m_{311}^{(22)} - 2m_{010}^{(21)}m_{120}^{(20)}m_{302}^{(21)} + 2m_{010}^{(21)}m_{120}^{(20)}m_{203}^{(10)} - m_{010}^{(21)}m_{120}^{(20)}m_{113}^{(00)}\\
&-m_{010}^{(21)}m_{120}^{(21)}m_{401}^{(22)} + 2m_{010}^{(21)}m_{120}^{(21)}m_{302}^{(20)} - m_{010}^{(21)}m_{120}^{(21)}m_{203}^{(00)} + m_{010}^{(21)}m_{120}^{(22)}m_{401}^{(21)}\\
&-m_{010}^{(21)}m_{120}^{(22)}m_{311}^{(20)} - m_{010}^{(21)}m_{120}^{(22)}m_{302}^{(10)} + m_{010}^{(21)}m_{120}^{(22)}m_{212}^{(00)} - 2m_{010}^{(21)}m_{111}^{(00)}m_{212}^{(21)}\\
&+2m_{010}^{(21)}m_{111}^{(00)}m_{203}^{(11)} + 2m_{010}^{(21)}m_{111}^{(00)}m_{122}^{(20)} - 2m_{010}^{(21)}m_{111}^{(00)}m_{113}^{(10)} - 2m_{010}^{(21)}m_{111}^{(10)}m_{311}^{(22)}\\
&+4m_{010}^{(21)}m_{111}^{(10)}m_{302}^{(21)} - 4m_{010}^{(21)}m_{111}^{(10)}m_{203}^{(10)} + 2m_{010}^{(21)}m_{111}^{(10)}m_{113}^{(00)} + 2m_{010}^{(21)}m_{111}^{(11)}m_{401}^{(22)}\\
&-4m_{010}^{(21)}m_{111}^{(11)}m_{302}^{(20)} + 2m_{010}^{(21)}m_{111}^{(11)}m_{203}^{(00)} + 2m_{010}^{(21)}m_{111}^{(20)}m_{320}^{(22)} - 4m_{010}^{(21)}m_{111}^{(20)}m_{302}^{(11)}\\
&-4m_{010}^{(21)}m_{111}^{(20)}m_{221}^{(20)} + 8m_{010}^{(21)}m_{111}^{(20)}m_{212}^{(10)} - 2m_{010}^{(21)}m_{111}^{(20)}m_{122}^{(00)} - 2m_{010}^{(21)}m_{111}^{(21)}m_{410}^{(22)}\\
&-4m_{010}^{(21)}m_{111}^{(21)}m_{401}^{(21)} + 8m_{010}^{(21)}m_{111}^{(21)}m_{311}^{(20)} + 4m_{010}^{(21)}m_{111}^{(21)}m_{302}^{(10)} - 6m_{010}^{(21)}m_{111}^{(21)}m_{212}^{(00)}\\
&+2m_{010}^{(21)}m_{111}^{(22)}m_{410}^{(21)} + 2m_{010}^{(21)}m_{111}^{(22)}m_{401}^{(11)} - 2m_{010}^{(21)}m_{111}^{(22)}m_{320}^{(20)} - 6m_{010}^{(21)}m_{111}^{(22)}m_{311}^{(10)}\\
&+4m_{010}^{(21)}m_{111}^{(22)}m_{221}^{(00)} + m_{010}^{(21)}m_{102}^{(00)}m_{230}^{(22)} + m_{010}^{(21)}m_{102}^{(00)}m_{221}^{(21)} - 2m_{010}^{(21)}m_{102}^{(00)}m_{212}^{(11)}\\
&-3m_{010}^{(21)}m_{102}^{(00)}m_{131}^{(20)} + 3m_{010}^{(21)}m_{102}^{(00)}m_{122}^{(10)} - 2m_{010}^{(21)}m_{102}^{(10)}m_{320}^{(22)} - 4m_{010}^{(21)}m_{102}^{(10)}m_{311}^{(21)}\\
&+3m_{010}^{(21)}m_{102}^{(10)}m_{302}^{(11)} + 8m_{010}^{(21)}m_{102}^{(10)}m_{221}^{(20)} - 2m_{010}^{(21)}m_{102}^{(10)}m_{212}^{(10)} - 3m_{010}^{(21)}m_{102}^{(10)}m_{122}^{(00)}\\
&+m_{010}^{(21)}m_{102}^{(11)}m_{410}^{(22)} + 3m_{010}^{(21)}m_{102}^{(11)}m_{401}^{(21)} - 5m_{010}^{(21)}m_{102}^{(11)}m_{311}^{(20)} - 3m_{010}^{(21)}m_{102}^{(11)}m_{302}^{(10)}\\
&+4m_{010}^{(21)}m_{102}^{(11)}m_{212}^{(00)} + 2m_{010}^{(21)}m_{102}^{(20)}m_{320}^{(21)} + m_{010}^{(21)}m_{102}^{(20)}m_{311}^{(11)} - 2m_{010}^{(21)}m_{102}^{(20)}m_{230}^{(20)}\\
&-4m_{010}^{(21)}m_{102}^{(20)}m_{221}^{(10)} + 3m_{010}^{(21)}m_{102}^{(20)}m_{131}^{(00)} - 2m_{010}^{(21)}m_{102}^{(21)}m_{410}^{(21)} - 3m_{010}^{(21)}m_{102}^{(21)}m_{401}^{(11)}\\
&+2m_{010}^{(21)}m_{102}^{(21)}m_{320}^{(20)} + 8m_{010}^{(21)}m_{102}^{(21)}m_{311}^{(10)} - 5m_{010}^{(21)}m_{102}^{(21)}m_{221}^{(00)} + m_{010}^{(21)}m_{102}^{(22)}m_{410}^{(11)}\\
&-2m_{010}^{(21)}m_{102}^{(22)}m_{320}^{(10)} + m_{010}^{(21)}m_{102}^{(22)}m_{230}^{(00)} + m_{010}^{(21)}m_{021}^{(00)}m_{311}^{(22)} - m_{010}^{(21)}m_{021}^{(00)}m_{302}^{(21)}\\
&-m_{010}^{(21)}m_{021}^{(00)}m_{212}^{(20)} + m_{010}^{(21)}m_{021}^{(00)}m_{203}^{(10)} - m_{010}^{(21)}m_{021}^{(10)}m_{401}^{(22)} + 2m_{010}^{(21)}m_{021}^{(10)}m_{302}^{(20)}\\
&-m_{010}^{(21)}m_{021}^{(10)}m_{203}^{(00)} - m_{010}^{(21)}m_{021}^{(20)}m_{410}^{(22)} + 2m_{010}^{(21)}m_{021}^{(20)}m_{401}^{(21)} - 2m_{010}^{(21)}m_{021}^{(20)}m_{302}^{(10)}\\
&+m_{010}^{(21)}m_{021}^{(20)}m_{212}^{(00)} + m_{010}^{(21)}m_{021}^{(21)}m_{500}^{(22)} - 2m_{010}^{(21)}m_{021}^{(21)}m_{401}^{(20)} + m_{010}^{(21)}m_{021}^{(21)}m_{302}^{(00)}\\
&-m_{010}^{(21)}m_{021}^{(22)}m_{500}^{(21)} + m_{010}^{(21)}m_{021}^{(22)}m_{410}^{(20)} + m_{010}^{(21)}m_{021}^{(22)}m_{401}^{(10)} - m_{010}^{(21)}m_{021}^{(22)}m_{311}^{(00)}\\
&-m_{010}^{(21)}m_{012}^{(00)}m_{320}^{(22)} + 2m_{010}^{(21)}m_{012}^{(00)}m_{311}^{(21)} - m_{010}^{(21)}m_{012}^{(00)}m_{302}^{(11)} + 2m_{010}^{(21)}m_{012}^{(10)}m_{410}^{(22)}\\
&-2m_{010}^{(21)}m_{012}^{(10)}m_{401}^{(21)} - 2m_{010}^{(21)}m_{012}^{(10)}m_{311}^{(20)} + 2m_{010}^{(21)}m_{012}^{(10)}m_{302}^{(10)} - m_{010}^{(21)}m_{012}^{(11)}m_{500}^{(22)}\\
&+2m_{010}^{(21)}m_{012}^{(11)}m_{401}^{(20)} - m_{010}^{(21)}m_{012}^{(11)}m_{302}^{(00)} - 2m_{010}^{(21)}m_{012}^{(20)}m_{410}^{(21)} + 2m_{010}^{(21)}m_{012}^{(20)}m_{401}^{(11)}\\
&+2m_{010}^{(21)}m_{012}^{(20)}m_{320}^{(20)} - 2m_{010}^{(21)}m_{012}^{(20)}m_{311}^{(10)} + 2m_{010}^{(21)}m_{012}^{(21)}m_{500}^{(21)} - 2m_{010}^{(21)}m_{012}^{(21)}m_{410}^{(20)}\\
&-2m_{010}^{(21)}m_{012}^{(21)}m_{401}^{(10)} + 2m_{010}^{(21)}m_{012}^{(21)}m_{311}^{(00)} - m_{010}^{(21)}m_{012}^{(22)}m_{500}^{(11)} + 2m_{010}^{(21)}m_{012}^{(22)}m_{410}^{(10)}\\
&-m_{010}^{(21)}m_{012}^{(22)}m_{320}^{(00)} - m_{010}^{(21)}m_{003}^{(00)}m_{320}^{(21)} + m_{010}^{(21)}m_{003}^{(00)}m_{311}^{(11)} + m_{010}^{(21)}m_{003}^{(00)}m_{230}^{(20)}\\
&-m_{010}^{(21)}m_{003}^{(00)}m_{221}^{(10)} + 2m_{010}^{(21)}m_{003}^{(10)}m_{410}^{(21)} - m_{010}^{(21)}m_{003}^{(10)}m_{401}^{(11)} - 2m_{010}^{(21)}m_{003}^{(10)}m_{320}^{(20)}\\
&+m_{010}^{(21)}m_{003}^{(10)}m_{221}^{(00)} - m_{010}^{(21)}m_{003}^{(11)}m_{500}^{(21)} + m_{010}^{(21)}m_{003}^{(11)}m_{410}^{(20)} + m_{010}^{(21)}m_{003}^{(11)}m_{401}^{(10)}\\
&-m_{010}^{(21)}m_{003}^{(11)}m_{311}^{(00)} - m_{010}^{(21)}m_{003}^{(20)}m_{410}^{(11)} + 2m_{010}^{(21)}m_{003}^{(20)}m_{320}^{(10)} - m_{010}^{(21)}m_{003}^{(20)}m_{230}^{(00)}\\
&+m_{010}^{(21)}m_{003}^{(21)}m_{500}^{(11)} - 2m_{010}^{(21)}m_{003}^{(21)}m_{410}^{(10)} + m_{010}^{(21)}m_{003}^{(21)}m_{320}^{(00)} + m_{010}^{(22)}m_{300}^{(10)}m_{122}^{(21)}\\
&-m_{010}^{(22)}m_{300}^{(10)}m_{113}^{(11)} - m_{010}^{(22)}m_{300}^{(10)}m_{032}^{(20)} + m_{010}^{(22)}m_{300}^{(10)}m_{023}^{(10)} - m_{010}^{(22)}m_{300}^{(11)}m_{212}^{(21)}\\
&+m_{010}^{(22)}m_{300}^{(11)}m_{122}^{(20)} + m_{010}^{(22)}m_{300}^{(11)}m_{113}^{(10)} - m_{010}^{(22)}m_{300}^{(11)}m_{023}^{(00)} - m_{010}^{(22)}m_{300}^{(20)}m_{131}^{(21)}\\
&+m_{010}^{(22)}m_{300}^{(20)}m_{122}^{(11)} + m_{010}^{(22)}m_{300}^{(20)}m_{041}^{(20)} - m_{010}^{(22)}m_{300}^{(20)}m_{032}^{(10)} + m_{010}^{(22)}m_{300}^{(21)}m_{221}^{(21)}\\
&+m_{010}^{(22)}m_{300}^{(21)}m_{212}^{(11)} - m_{010}^{(22)}m_{300}^{(21)}m_{131}^{(20)} - 3m_{010}^{(22)}m_{300}^{(21)}m_{122}^{(10)} + 2m_{010}^{(22)}m_{300}^{(21)}m_{032}^{(00)}\\
&-m_{010}^{(22)}m_{300}^{(22)}m_{221}^{(11)} + 2m_{010}^{(22)}m_{300}^{(22)}m_{131}^{(10)} - m_{010}^{(22)}m_{300}^{(22)}m_{041}^{(00)} - m_{010}^{(22)}m_{210}^{(00)}m_{122}^{(21)}
\end{aligned}
$$

$$+m_{010}^{(22)}m_{210}^{(00)}m_{113}^{(11)}+m_{010}^{(22)}m_{210}^{(00)}m_{032}^{(20)}-m_{010}^{(22)}m_{210}^{(00)}m_{023}^{(10)}+m_{010}^{(22)}m_{210}^{(10)}m_{203}^{(11)}$$
$$-2m_{010}^{(22)}m_{210}^{(10)}m_{113}^{(10)}+m_{010}^{(22)}m_{210}^{(10)}m_{023}^{(00)}+m_{010}^{(22)}m_{210}^{(11)}m_{302}^{(21)}-m_{010}^{(22)}m_{210}^{(11)}m_{212}^{(20)}$$
$$-m_{010}^{(22)}m_{210}^{(11)}m_{203}^{(10)}+m_{010}^{(22)}m_{210}^{(11)}m_{113}^{(00)}+2m_{010}^{(22)}m_{210}^{(20)}m_{221}^{(21)}-3m_{010}^{(22)}m_{210}^{(20)}m_{212}^{(11)}$$
$$-2m_{010}^{(22)}m_{210}^{(20)}m_{131}^{(20)}+4m_{010}^{(22)}m_{210}^{(20)}m_{122}^{(10)}-m_{010}^{(22)}m_{210}^{(20)}m_{032}^{(00)}-2m_{010}^{(22)}m_{210}^{(21)}m_{311}^{(21)}$$
$$-m_{010}^{(22)}m_{210}^{(21)}m_{302}^{(11)}+2m_{010}^{(22)}m_{210}^{(21)}m_{221}^{(20)}+4m_{010}^{(22)}m_{210}^{(21)}m_{212}^{(10)}-3m_{010}^{(22)}m_{210}^{(21)}m_{122}^{(00)}$$
$$+2m_{010}^{(22)}m_{210}^{(22)}m_{311}^{(11)}-4m_{010}^{(22)}m_{210}^{(22)}m_{221}^{(10)}+2m_{010}^{(22)}m_{210}^{(22)}m_{131}^{(00)}+m_{010}^{(22)}m_{201}^{(00)}m_{131}^{(21)}$$
$$-m_{010}^{(22)}m_{201}^{(00)}m_{122}^{(11)}-m_{010}^{(22)}m_{201}^{(00)}m_{041}^{(20)}+m_{010}^{(22)}m_{201}^{(00)}m_{032}^{(10)}-3m_{010}^{(22)}m_{201}^{(10)}m_{221}^{(21)}$$
$$+2m_{010}^{(22)}m_{201}^{(10)}m_{212}^{(11)}+3m_{010}^{(22)}m_{201}^{(10)}m_{131}^{(20)}-m_{010}^{(22)}m_{201}^{(10)}m_{122}^{(10)}-m_{010}^{(22)}m_{201}^{(10)}m_{032}^{(00)}$$
$$+2m_{010}^{(22)}m_{201}^{(11)}m_{311}^{(21)}-2m_{010}^{(22)}m_{201}^{(11)}m_{221}^{(20)}-2m_{010}^{(22)}m_{201}^{(11)}m_{212}^{(10)}+2m_{010}^{(22)}m_{201}^{(11)}m_{122}^{(00)}$$
$$+m_{010}^{(22)}m_{201}^{(20)}m_{230}^{(21)}-m_{010}^{(22)}m_{201}^{(20)}m_{140}^{(20)}-m_{010}^{(22)}m_{201}^{(20)}m_{131}^{(10)}+m_{010}^{(22)}m_{201}^{(20)}m_{041}^{(00)}$$
$$-m_{010}^{(22)}m_{201}^{(21)}m_{320}^{(21)}-2m_{010}^{(22)}m_{201}^{(21)}m_{311}^{(11)}+m_{010}^{(22)}m_{201}^{(21)}m_{230}^{(20)}+5m_{010}^{(22)}m_{201}^{(21)}m_{221}^{(10)}$$
$$-3m_{010}^{(22)}m_{201}^{(21)}m_{131}^{(00)}+m_{010}^{(22)}m_{201}^{(22)}m_{320}^{(11)}-2m_{010}^{(22)}m_{201}^{(22)}m_{230}^{(10)}+m_{010}^{(22)}m_{201}^{(22)}m_{140}^{(00)}$$
$$+m_{010}^{(22)}m_{120}^{(00)}m_{212}^{(21)}-m_{010}^{(22)}m_{120}^{(00)}m_{203}^{(11)}-m_{010}^{(22)}m_{120}^{(00)}m_{122}^{(20)}+m_{010}^{(22)}m_{120}^{(00)}m_{113}^{(10)}$$
$$-m_{010}^{(22)}m_{120}^{(10)}m_{302}^{(21)}+m_{010}^{(22)}m_{120}^{(10)}m_{212}^{(20)}+m_{010}^{(22)}m_{120}^{(10)}m_{203}^{(10)}-m_{010}^{(22)}m_{120}^{(10)}m_{113}^{(00)}$$
$$-m_{010}^{(22)}m_{120}^{(20)}m_{311}^{(21)}+2m_{010}^{(22)}m_{120}^{(20)}m_{302}^{(11)}+m_{010}^{(22)}m_{120}^{(20)}m_{221}^{(20)}-3m_{010}^{(22)}m_{120}^{(20)}m_{212}^{(10)}$$
$$+m_{010}^{(22)}m_{120}^{(20)}m_{122}^{(00)}+m_{010}^{(22)}m_{120}^{(21)}m_{401}^{(21)}-m_{010}^{(22)}m_{120}^{(21)}m_{311}^{(20)}-m_{010}^{(22)}m_{120}^{(21)}m_{302}^{(10)}$$
$$+m_{010}^{(22)}m_{120}^{(21)}m_{212}^{(00)}-m_{010}^{(22)}m_{120}^{(22)}m_{401}^{(11)}+2m_{010}^{(22)}m_{120}^{(22)}m_{311}^{(10)}-m_{010}^{(22)}m_{120}^{(22)}m_{221}^{(00)}$$
$$+2m_{010}^{(22)}m_{111}^{(10)}m_{311}^{(21)}-2m_{010}^{(22)}m_{111}^{(10)}m_{302}^{(11)}-2m_{010}^{(22)}m_{111}^{(10)}m_{221}^{(20)}+2m_{010}^{(22)}m_{111}^{(10)}m_{212}^{(10)}$$
$$-2m_{010}^{(22)}m_{111}^{(11)}m_{401}^{(21)}+2m_{010}^{(22)}m_{111}^{(11)}m_{311}^{(20)}+2m_{010}^{(22)}m_{111}^{(11)}m_{302}^{(10)}-2m_{010}^{(22)}m_{111}^{(11)}m_{212}^{(00)}$$
$$-2m_{010}^{(22)}m_{111}^{(20)}m_{320}^{(21)}+2m_{010}^{(22)}m_{111}^{(20)}m_{311}^{(11)}+2m_{010}^{(22)}m_{111}^{(20)}m_{230}^{(20)}-2m_{010}^{(22)}m_{111}^{(20)}m_{221}^{(10)}$$
$$+2m_{010}^{(22)}m_{111}^{(21)}m_{410}^{(21)}+2m_{010}^{(22)}m_{111}^{(21)}m_{401}^{(11)}-2m_{010}^{(22)}m_{111}^{(21)}m_{320}^{(20)}-6m_{010}^{(22)}m_{111}^{(21)}m_{311}^{(10)}$$
$$+4m_{010}^{(22)}m_{111}^{(21)}m_{221}^{(00)}-2m_{010}^{(22)}m_{111}^{(22)}m_{410}^{(11)}+4m_{010}^{(22)}m_{111}^{(22)}m_{320}^{(10)}-2m_{010}^{(22)}m_{111}^{(22)}m_{230}^{(00)}$$
$$-m_{010}^{(22)}m_{102}^{(00)}m_{230}^{(21)}+m_{010}^{(22)}m_{102}^{(00)}m_{221}^{(11)}+m_{010}^{(22)}m_{102}^{(00)}m_{140}^{(20)}-m_{010}^{(22)}m_{102}^{(00)}m_{131}^{(10)}$$
$$+2m_{010}^{(22)}m_{102}^{(10)}m_{320}^{(21)}-m_{010}^{(22)}m_{102}^{(10)}m_{311}^{(11)}-2m_{010}^{(22)}m_{102}^{(10)}m_{230}^{(20)}+m_{010}^{(22)}m_{102}^{(10)}m_{131}^{(00)}$$
$$-m_{010}^{(22)}m_{102}^{(11)}m_{410}^{(21)}+m_{010}^{(22)}m_{102}^{(11)}m_{320}^{(20)}+m_{010}^{(22)}m_{102}^{(11)}m_{311}^{(10)}-m_{010}^{(22)}m_{102}^{(11)}m_{221}^{(00)}$$
$$-m_{010}^{(22)}m_{102}^{(20)}m_{320}^{(11)}+2m_{010}^{(22)}m_{102}^{(20)}m_{230}^{(10)}-m_{010}^{(22)}m_{102}^{(20)}m_{140}^{(00)}+m_{010}^{(22)}m_{102}^{(21)}m_{410}^{(11)}$$
$$-2m_{010}^{(22)}m_{102}^{(21)}m_{320}^{(10)}+m_{010}^{(22)}m_{102}^{(21)}m_{230}^{(00)}-m_{010}^{(22)}m_{021}^{(00)}m_{311}^{(21)}+m_{010}^{(22)}m_{021}^{(00)}m_{302}^{(11)}$$
$$+m_{010}^{(22)}m_{021}^{(00)}m_{221}^{(20)}-m_{010}^{(22)}m_{021}^{(00)}m_{212}^{(10)}+m_{010}^{(22)}m_{021}^{(10)}m_{401}^{(21)}-m_{010}^{(22)}m_{021}^{(10)}m_{311}^{(20)}$$
$$-m_{010}^{(22)}m_{021}^{(10)}m_{302}^{(10)}+m_{010}^{(22)}m_{021}^{(10)}m_{212}^{(00)}+m_{010}^{(22)}m_{021}^{(20)}m_{410}^{(21)}-2m_{010}^{(22)}m_{021}^{(20)}m_{401}^{(11)}$$
$$-m_{010}^{(22)}m_{021}^{(20)}m_{320}^{(20)}+3m_{010}^{(22)}m_{021}^{(20)}m_{311}^{(10)}-m_{010}^{(22)}m_{021}^{(20)}m_{221}^{(00)}-m_{010}^{(22)}m_{021}^{(21)}m_{500}^{(21)}$$
$$+m_{010}^{(22)}m_{021}^{(21)}m_{410}^{(20)}+m_{010}^{(22)}m_{021}^{(21)}m_{401}^{(10)}-m_{010}^{(22)}m_{021}^{(21)}m_{311}^{(00)}+m_{010}^{(22)}m_{021}^{(22)}m_{500}^{(11)}$$
$$-2m_{010}^{(22)}m_{021}^{(22)}m_{410}^{(10)}+m_{010}^{(22)}m_{021}^{(22)}m_{320}^{(00)}+m_{010}^{(22)}m_{012}^{(00)}m_{320}^{(21)}-m_{010}^{(22)}m_{012}^{(00)}m_{311}^{(11)}$$
$$-m_{010}^{(22)}m_{012}^{(00)}m_{230}^{(20)}+m_{010}^{(22)}m_{012}^{(00)}m_{221}^{(10)}-2m_{010}^{(22)}m_{012}^{(10)}m_{410}^{(21)}+m_{010}^{(22)}m_{012}^{(10)}m_{401}^{(11)}$$
$$+2m_{010}^{(22)}m_{012}^{(10)}m_{320}^{(20)}-m_{010}^{(22)}m_{012}^{(10)}m_{221}^{(00)}+m_{010}^{(22)}m_{012}^{(11)}m_{500}^{(21)}-m_{010}^{(22)}m_{012}^{(11)}m_{410}^{(20)}$$
$$-m_{010}^{(22)}m_{012}^{(11)}m_{401}^{(10)}+m_{010}^{(22)}m_{012}^{(11)}m_{311}^{(00)}+m_{010}^{(22)}m_{012}^{(20)}m_{320}^{(11)}-2m_{010}^{(22)}m_{012}^{(20)}m_{320}^{(10)}$$
$$+m_{010}^{(22)}m_{012}^{(20)}m_{230}^{(00)}-m_{010}^{(22)}m_{012}^{(21)}m_{500}^{(11)}+2m_{010}^{(22)}m_{012}^{(21)}m_{410}^{(10)}-m_{010}^{(22)}m_{012}^{(21)}m_{320}^{(00)}$$
$$-m_{001}^{(00)}m_{210}^{(10)}m_{032}^{(22)}+2m_{001}^{(00)}m_{210}^{(10)}m_{023}^{(21)}-m_{001}^{(00)}m_{210}^{(10)}m_{014}^{(11)}+m_{001}^{(00)}m_{210}^{(11)}m_{122}^{(22)}$$
$$-m_{001}^{(00)}m_{210}^{(11)}m_{113}^{(21)}-m_{001}^{(00)}m_{210}^{(11)}m_{023}^{(20)}+m_{001}^{(00)}m_{210}^{(11)}m_{014}^{(10)}+m_{001}^{(00)}m_{210}^{(20)}m_{041}^{(22)}$$

$$
\begin{aligned}
&-2m_{001}^{(00)}m_{210}^{(20)}m_{032}^{(21)} + m_{001}^{(00)}m_{210}^{(20)}m_{023}^{(11)} - m_{001}^{(00)}m_{210}^{(21)}m_{131}^{(22)} + m_{001}^{(00)}m_{210}^{(21)}m_{113}^{(11)}\\
&+2m_{001}^{(00)}m_{210}^{(21)}m_{032}^{(20)} - 2m_{001}^{(00)}m_{210}^{(21)}m_{023}^{(10)} + m_{001}^{(00)}m_{210}^{(22)}m_{131}^{(21)} - m_{001}^{(00)}m_{210}^{(22)}m_{122}^{(11)}\\
&-m_{001}^{(00)}m_{210}^{(22)}m_{041}^{(20)} + m_{001}^{(00)}m_{210}^{(22)}m_{032}^{(10)} + m_{001}^{(00)}m_{201}^{(10)}m_{041}^{(22)} - 2m_{001}^{(00)}m_{201}^{(10)}m_{032}^{(21)}\\
&+m_{001}^{(00)}m_{201}^{(10)}m_{023}^{(11)} - m_{001}^{(00)}m_{201}^{(11)}m_{131}^{(22)} + m_{001}^{(00)}m_{201}^{(11)}m_{122}^{(21)} + m_{001}^{(00)}m_{201}^{(11)}m_{032}^{(20)}\\
&-m_{001}^{(00)}m_{201}^{(11)}m_{023}^{(10)} - m_{001}^{(00)}m_{201}^{(20)}m_{050}^{(22)} + 2m_{001}^{(00)}m_{201}^{(20)}m_{041}^{(21)} - m_{001}^{(00)}m_{201}^{(20)}m_{032}^{(11)}\\
&+m_{001}^{(00)}m_{201}^{(21)}m_{140}^{(22)} - m_{001}^{(00)}m_{201}^{(21)}m_{122}^{(11)} - 2m_{001}^{(00)}m_{201}^{(21)}m_{041}^{(20)} + 2m_{001}^{(00)}m_{201}^{(21)}m_{032}^{(10)}\\
&-m_{001}^{(00)}m_{201}^{(22)}m_{140}^{(21)} + m_{001}^{(00)}m_{201}^{(22)}m_{131}^{(11)} + m_{001}^{(00)}m_{201}^{(22)}m_{050}^{(20)} - m_{001}^{(00)}m_{201}^{(22)}m_{041}^{(10)}\\
&+m_{001}^{(00)}m_{120}^{(00)}m_{032}^{(22)} - 2m_{001}^{(00)}m_{120}^{(00)}m_{023}^{(21)} + m_{001}^{(00)}m_{120}^{(00)}m_{014}^{(11)} - m_{001}^{(00)}m_{120}^{(10)}m_{113}^{(21)}\\
&+m_{001}^{(00)}m_{120}^{(10)}m_{104}^{(11)} + m_{001}^{(00)}m_{120}^{(10)}m_{023}^{(20)} - m_{001}^{(00)}m_{120}^{(10)}m_{014}^{(10)} - m_{001}^{(00)}m_{120}^{(11)}m_{212}^{(22)}\\
&+m_{001}^{(00)}m_{120}^{(11)}m_{203}^{(21)} + m_{001}^{(00)}m_{120}^{(11)}m_{113}^{(20)} - m_{001}^{(00)}m_{120}^{(11)}m_{104}^{(10)} - 2m_{001}^{(00)}m_{120}^{(20)}m_{131}^{(22)}\\
&+5m_{001}^{(00)}m_{120}^{(20)}m_{122}^{(21)} - 3m_{001}^{(00)}m_{120}^{(20)}m_{113}^{(11)} - m_{001}^{(00)}m_{120}^{(20)}m_{032}^{(20)} + m_{001}^{(00)}m_{120}^{(20)}m_{023}^{(10)}\\
&+2m_{001}^{(00)}m_{120}^{(21)}m_{221}^{(22)} - m_{001}^{(00)}m_{120}^{(21)}m_{212}^{(21)} - m_{001}^{(00)}m_{120}^{(21)}m_{203}^{(11)} - 3m_{001}^{(00)}m_{120}^{(21)}m_{122}^{(20)}\\
&+3m_{001}^{(00)}m_{120}^{(21)}m_{113}^{(10)} - 2m_{001}^{(00)}m_{120}^{(22)}m_{221}^{(21)} + 2m_{001}^{(00)}m_{120}^{(22)}m_{212}^{(11)} + 2m_{001}^{(00)}m_{120}^{(22)}m_{131}^{(20)}\\
&-2m_{001}^{(00)}m_{120}^{(22)}m_{122}^{(10)} - 2m_{001}^{(00)}m_{111}^{(00)}m_{041}^{(22)} + 4m_{001}^{(00)}m_{111}^{(00)}m_{032}^{(21)} - 2m_{001}^{(00)}m_{111}^{(00)}m_{023}^{(11)}\\
&+2m_{001}^{(00)}m_{111}^{(10)}m_{131}^{(22)} - 2m_{001}^{(00)}m_{111}^{(10)}m_{122}^{(21)} - 2m_{001}^{(00)}m_{111}^{(10)}m_{032}^{(20)} + 2m_{001}^{(00)}m_{111}^{(10)}m_{023}^{(10)}\\
&+2m_{001}^{(00)}m_{111}^{(20)}m_{140}^{(22)} - 6m_{001}^{(00)}m_{111}^{(20)}m_{131}^{(21)} + 4m_{001}^{(00)}m_{111}^{(20)}m_{122}^{(11)} + 2m_{001}^{(00)}m_{111}^{(20)}m_{041}^{(20)}\\
&-2m_{001}^{(00)}m_{111}^{(20)}m_{032}^{(10)} - 2m_{001}^{(00)}m_{111}^{(21)}m_{230}^{(22)} + 2m_{001}^{(00)}m_{111}^{(21)}m_{221}^{(21)} + 2m_{001}^{(00)}m_{111}^{(21)}m_{131}^{(20)}\\
&-2m_{001}^{(00)}m_{111}^{(21)}m_{122}^{(10)} + 2m_{001}^{(00)}m_{111}^{(22)}m_{230}^{(21)} - 2m_{001}^{(00)}m_{111}^{(22)}m_{221}^{(11)} - 2m_{001}^{(00)}m_{111}^{(22)}m_{140}^{(20)}\\
&+2m_{001}^{(00)}m_{111}^{(22)}m_{131}^{(10)} + m_{001}^{(00)}m_{102}^{(00)}m_{050}^{(22)} - 2m_{001}^{(00)}m_{102}^{(00)}m_{041}^{(21)} + m_{001}^{(00)}m_{102}^{(00)}m_{032}^{(11)}\\
&-2m_{001}^{(00)}m_{102}^{(10)}m_{140}^{(22)} + 3m_{001}^{(00)}m_{102}^{(10)}m_{131}^{(21)} - m_{001}^{(00)}m_{102}^{(10)}m_{122}^{(11)} + m_{001}^{(00)}m_{102}^{(10)}m_{041}^{(20)}\\
&-m_{001}^{(00)}m_{102}^{(10)}m_{032}^{(10)} + m_{001}^{(00)}m_{102}^{(11)}m_{230}^{(22)} - m_{001}^{(00)}m_{102}^{(11)}m_{221}^{(21)} - m_{001}^{(00)}m_{102}^{(11)}m_{131}^{(20)}\\
&+m_{001}^{(00)}m_{102}^{(11)}m_{122}^{(10)} + m_{001}^{(00)}m_{102}^{(20)}m_{140}^{(21)} - m_{001}^{(00)}m_{102}^{(20)}m_{131}^{(11)} - m_{001}^{(00)}m_{102}^{(20)}m_{050}^{(20)}\\
&+m_{001}^{(00)}m_{102}^{(20)}m_{041}^{(10)} - m_{001}^{(00)}m_{102}^{(21)}m_{230}^{(21)} + m_{001}^{(00)}m_{102}^{(21)}m_{221}^{(11)} + m_{001}^{(00)}m_{102}^{(21)}m_{140}^{(20)}\\
&-m_{001}^{(00)}m_{102}^{(21)}m_{131}^{(10)} - m_{001}^{(00)}m_{030}^{(00)}m_{122}^{(22)} + 2m_{001}^{(00)}m_{030}^{(00)}m_{113}^{(21)} - m_{001}^{(00)}m_{030}^{(00)}m_{104}^{(11)}\\
&+m_{001}^{(00)}m_{030}^{(10)}m_{212}^{(22)} - m_{001}^{(00)}m_{030}^{(10)}m_{203}^{(21)} - m_{001}^{(00)}m_{030}^{(10)}m_{113}^{(20)} + m_{001}^{(00)}m_{030}^{(10)}m_{104}^{(10)}\\
&+m_{001}^{(00)}m_{030}^{(20)}m_{221}^{(22)} - 3m_{001}^{(00)}m_{030}^{(20)}m_{212}^{(21)} + 2m_{001}^{(00)}m_{030}^{(20)}m_{203}^{(11)} + m_{001}^{(00)}m_{030}^{(20)}m_{122}^{(20)}\\
&-m_{001}^{(00)}m_{030}^{(20)}m_{113}^{(10)} - m_{001}^{(00)}m_{030}^{(21)}m_{311}^{(22)} + m_{001}^{(00)}m_{030}^{(21)}m_{302}^{(21)} + m_{001}^{(00)}m_{030}^{(21)}m_{212}^{(20)}\\
&-m_{001}^{(00)}m_{030}^{(21)}m_{203}^{(10)} + m_{001}^{(00)}m_{030}^{(22)}m_{311}^{(21)} - m_{001}^{(00)}m_{030}^{(22)}m_{302}^{(11)} - m_{001}^{(00)}m_{030}^{(22)}m_{221}^{(20)}\\
&+m_{001}^{(00)}m_{030}^{(22)}m_{212}^{(10)} + 2m_{001}^{(00)}m_{021}^{(00)}m_{131}^{(22)} - 4m_{001}^{(00)}m_{021}^{(00)}m_{122}^{(21)} + 2m_{001}^{(00)}m_{021}^{(00)}m_{113}^{(11)}\\
&-3m_{001}^{(00)}m_{021}^{(10)}m_{221}^{(22)} + 4m_{001}^{(00)}m_{021}^{(10)}m_{212}^{(21)} - m_{001}^{(00)}m_{021}^{(10)}m_{203}^{(11)} + 2m_{001}^{(00)}m_{021}^{(10)}m_{122}^{(20)}\\
&-2m_{001}^{(00)}m_{021}^{(10)}m_{113}^{(10)} + m_{001}^{(00)}m_{021}^{(11)}m_{311}^{(22)} - m_{001}^{(00)}m_{021}^{(11)}m_{302}^{(21)} - m_{001}^{(00)}m_{021}^{(11)}m_{212}^{(20)}\\
&+m_{001}^{(00)}m_{021}^{(11)}m_{203}^{(10)} - m_{001}^{(00)}m_{021}^{(20)}m_{230}^{(22)} + 4m_{001}^{(00)}m_{021}^{(20)}m_{221}^{(21)} - 3m_{001}^{(00)}m_{021}^{(20)}m_{212}^{(11)}\\
&-2m_{001}^{(00)}m_{021}^{(20)}m_{131}^{(20)} + 2m_{001}^{(00)}m_{021}^{(20)}m_{122}^{(10)} + m_{001}^{(00)}m_{021}^{(21)}m_{320}^{(22)} - 2m_{001}^{(00)}m_{021}^{(21)}m_{311}^{(21)}\\
&+m_{001}^{(00)}m_{021}^{(21)}m_{302}^{(11)} - m_{001}^{(00)}m_{021}^{(22)}m_{320}^{(21)} + m_{001}^{(00)}m_{021}^{(22)}m_{311}^{(11)} + m_{001}^{(00)}m_{021}^{(22)}m_{230}^{(20)}\\
&-m_{001}^{(00)}m_{021}^{(22)}m_{221}^{(10)} - m_{001}^{(00)}m_{012}^{(00)}m_{140}^{(22)} + 2m_{001}^{(00)}m_{012}^{(00)}m_{131}^{(21)} - m_{001}^{(00)}m_{012}^{(00)}m_{122}^{(11)}\\
&+2m_{001}^{(00)}m_{012}^{(10)}m_{230}^{(22)} - 3m_{001}^{(00)}m_{012}^{(10)}m_{221}^{(21)} + m_{001}^{(00)}m_{012}^{(10)}m_{212}^{(11)} - m_{001}^{(00)}m_{012}^{(10)}m_{131}^{(20)}\\
&+m_{001}^{(00)}m_{012}^{(10)}m_{122}^{(10)} - m_{001}^{(00)}m_{012}^{(11)}m_{320}^{(22)} + m_{001}^{(00)}m_{012}^{(11)}m_{311}^{(21)} + m_{001}^{(00)}m_{012}^{(11)}m_{221}^{(20)}\\
&-m_{001}^{(00)}m_{012}^{(11)}m_{212}^{(10)} - m_{001}^{(00)}m_{012}^{(20)}m_{230}^{(21)} + m_{001}^{(00)}m_{012}^{(20)}m_{221}^{(11)} + m_{001}^{(00)}m_{012}^{(20)}m_{140}^{(20)}
\end{aligned}
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\begin{aligned}
&-m_{001}^{(00)}m_{012}^{(20)}m_{131}^{(10)} + m_{001}^{(00)}m_{012}^{(21)}m_{320}^{(21)} - m_{001}^{(00)}m_{012}^{(21)}m_{311}^{(11)} - m_{001}^{(00)}m_{012}^{(21)}m_{230}^{(20)}\\
&+m_{001}^{(00)}m_{012}^{(21)}m_{221}^{(10)} + m_{001}^{(10)}m_{300}^{(10)}m_{032}^{(22)} - 2m_{001}^{(10)}m_{300}^{(10)}m_{023}^{(21)} + m_{001}^{(10)}m_{300}^{(10)}m_{014}^{(11)}\\
&-m_{001}^{(10)}m_{300}^{(11)}m_{122}^{(22)} + m_{001}^{(10)}m_{300}^{(11)}m_{113}^{(21)} + m_{001}^{(10)}m_{300}^{(11)}m_{023}^{(20)} - m_{001}^{(10)}m_{300}^{(11)}m_{014}^{(10)}\\
&-m_{001}^{(10)}m_{300}^{(20)}m_{041}^{(22)} + 2m_{001}^{(10)}m_{300}^{(20)}m_{032}^{(21)} - m_{001}^{(10)}m_{300}^{(20)}m_{023}^{(11)} + m_{001}^{(10)}m_{300}^{(21)}m_{131}^{(22)}\\
&-m_{001}^{(10)}m_{300}^{(21)}m_{113}^{(11)} - 2m_{001}^{(10)}m_{300}^{(21)}m_{032}^{(20)} + 2m_{001}^{(10)}m_{300}^{(21)}m_{023}^{(10)} - m_{001}^{(10)}m_{300}^{(22)}m_{131}^{(21)}\\
&+m_{001}^{(10)}m_{300}^{(22)}m_{122}^{(11)} + m_{001}^{(10)}m_{300}^{(22)}m_{041}^{(20)} - m_{001}^{(10)}m_{300}^{(22)}m_{032}^{(10)} - m_{001}^{(10)}m_{210}^{(00)}m_{032}^{(22)}\\
&+2m_{001}^{(10)}m_{210}^{(00)}m_{023}^{(21)} - m_{001}^{(10)}m_{210}^{(00)}m_{014}^{(11)} + m_{001}^{(10)}m_{210}^{(10)}m_{122}^{(22)} - m_{001}^{(10)}m_{210}^{(10)}m_{104}^{(11)}\\
&-2m_{001}^{(10)}m_{210}^{(10)}m_{023}^{(20)} + 2m_{001}^{(10)}m_{210}^{(10)}m_{014}^{(10)} - m_{001}^{(10)}m_{210}^{(11)}m_{203}^{(21)} + m_{001}^{(10)}m_{210}^{(11)}m_{113}^{(20)}\\
&+m_{001}^{(10)}m_{210}^{(11)}m_{104}^{(10)} - m_{001}^{(10)}m_{210}^{(11)}m_{014}^{(00)} + m_{001}^{(10)}m_{210}^{(20)}m_{131}^{(22)} - 4m_{001}^{(10)}m_{210}^{(20)}m_{122}^{(21)}\\
&+3m_{001}^{(10)}m_{210}^{(20)}m_{113}^{(11)} + 2m_{001}^{(10)}m_{210}^{(20)}m_{032}^{(20)} - 2m_{001}^{(10)}m_{210}^{(20)}m_{023}^{(10)} - m_{001}^{(10)}m_{210}^{(21)}m_{221}^{(22)}\\
&+2m_{001}^{(10)}m_{210}^{(21)}m_{212}^{(21)} + m_{001}^{(10)}m_{210}^{(21)}m_{203}^{(11)} - 4m_{001}^{(10)}m_{210}^{(21)}m_{113}^{(10)} + 2m_{001}^{(10)}m_{210}^{(21)}m_{023}^{(00)}\\
&+m_{001}^{(10)}m_{210}^{(22)}m_{221}^{(21)} - 2m_{001}^{(10)}m_{210}^{(22)}m_{212}^{(11)} - m_{001}^{(10)}m_{210}^{(22)}m_{131}^{(20)} + 3m_{001}^{(10)}m_{210}^{(22)}m_{122}^{(10)}\\
&-m_{001}^{(10)}m_{210}^{(22)}m_{032}^{(00)} + m_{001}^{(10)}m_{201}^{(00)}m_{041}^{(22)} - 2m_{001}^{(10)}m_{201}^{(00)}m_{032}^{(21)} + m_{001}^{(10)}m_{201}^{(00)}m_{023}^{(11)}\\
&-4m_{001}^{(10)}m_{201}^{(10)}m_{131}^{(22)} + 6m_{001}^{(10)}m_{201}^{(10)}m_{122}^{(21)} - 2m_{001}^{(10)}m_{201}^{(10)}m_{113}^{(11)} + 2m_{001}^{(10)}m_{201}^{(10)}m_{032}^{(20)}\\
&-2m_{001}^{(10)}m_{201}^{(10)}m_{023}^{(10)} + 3m_{001}^{(10)}m_{201}^{(11)}m_{221}^{(22)} - 2m_{001}^{(10)}m_{201}^{(11)}m_{212}^{(21)} - 4m_{001}^{(10)}m_{201}^{(11)}m_{122}^{(20)}\\
&+2m_{001}^{(10)}m_{201}^{(11)}m_{113}^{(10)} + m_{001}^{(10)}m_{201}^{(11)}m_{023}^{(00)} + 2m_{001}^{(10)}m_{201}^{(20)}m_{140}^{(22)} - 2m_{001}^{(10)}m_{201}^{(20)}m_{131}^{(21)}\\
&-2m_{001}^{(10)}m_{201}^{(20)}m_{041}^{(20)} + 2m_{001}^{(10)}m_{201}^{(20)}m_{032}^{(10)} - 2m_{001}^{(10)}m_{201}^{(21)}m_{230}^{(22)} - 2m_{001}^{(10)}m_{201}^{(21)}m_{221}^{(21)}\\
&+2m_{001}^{(10)}m_{201}^{(21)}m_{212}^{(11)} + 6m_{001}^{(10)}m_{201}^{(21)}m_{131}^{(20)} - 2m_{001}^{(10)}m_{201}^{(21)}m_{122}^{(10)} - 2m_{001}^{(10)}m_{201}^{(21)}m_{032}^{(00)}\\
&+2m_{001}^{(10)}m_{201}^{(22)}m_{230}^{(21)} - m_{001}^{(10)}m_{201}^{(22)}m_{221}^{(11)} - 2m_{001}^{(10)}m_{201}^{(22)}m_{140}^{(20)} + m_{001}^{(10)}m_{201}^{(22)}m_{041}^{(00)}\\
&-m_{001}^{(10)}m_{120}^{(00)}m_{113}^{(21)} + m_{001}^{(10)}m_{120}^{(00)}m_{104}^{(11)} + m_{001}^{(10)}m_{120}^{(00)}m_{023}^{(20)} - m_{001}^{(10)}m_{120}^{(00)}m_{014}^{(10)}\\
&-m_{001}^{(10)}m_{120}^{(10)}m_{212}^{(22)} + 2m_{001}^{(10)}m_{120}^{(10)}m_{203}^{(21)} - 2m_{001}^{(10)}m_{120}^{(10)}m_{104}^{(10)} + m_{001}^{(10)}m_{120}^{(10)}m_{014}^{(00)}\\
&+m_{001}^{(10)}m_{120}^{(11)}m_{302}^{(22)} - 2m_{001}^{(10)}m_{120}^{(11)}m_{203}^{(20)} + m_{001}^{(10)}m_{120}^{(11)}m_{104}^{(00)} + m_{001}^{(10)}m_{120}^{(20)}m_{221}^{(22)}\\
&-2m_{001}^{(10)}m_{120}^{(20)}m_{203}^{(11)} - 2m_{001}^{(10)}m_{120}^{(20)}m_{122}^{(20)} + 4m_{001}^{(10)}m_{120}^{(20)}m_{113}^{(10)} - m_{001}^{(10)}m_{120}^{(20)}m_{023}^{(00)}\\
&-m_{001}^{(10)}m_{120}^{(21)}m_{311}^{(22)} - 2m_{001}^{(10)}m_{120}^{(21)}m_{302}^{(21)} + 4m_{001}^{(10)}m_{120}^{(21)}m_{212}^{(20)} + 2m_{001}^{(10)}m_{120}^{(21)}m_{203}^{(10)}\\
&-3m_{001}^{(10)}m_{120}^{(21)}m_{113}^{(00)} + m_{001}^{(10)}m_{120}^{(22)}m_{311}^{(21)} + m_{001}^{(10)}m_{120}^{(22)}m_{302}^{(11)} - m_{001}^{(10)}m_{120}^{(22)}m_{221}^{(20)}\\
&-3m_{001}^{(10)}m_{120}^{(22)}m_{212}^{(10)} + 2m_{001}^{(10)}m_{120}^{(22)}m_{122}^{(00)} + 2m_{001}^{(10)}m_{111}^{(00)}m_{131}^{(22)} - 2m_{001}^{(10)}m_{111}^{(00)}m_{122}^{(21)}\\
&-2m_{001}^{(10)}m_{111}^{(00)}m_{032}^{(20)} + 2m_{001}^{(10)}m_{111}^{(00)}m_{023}^{(10)} - 4m_{001}^{(10)}m_{111}^{(10)}m_{212}^{(21)} + 2m_{001}^{(10)}m_{111}^{(10)}m_{203}^{(11)}\\
&+4m_{001}^{(10)}m_{111}^{(10)}m_{122}^{(20)} - 2m_{001}^{(10)}m_{111}^{(10)}m_{023}^{(00)} - 2m_{001}^{(10)}m_{111}^{(11)}m_{311}^{(22)} + 2m_{001}^{(10)}m_{111}^{(11)}m_{302}^{(21)}\\
&+2m_{001}^{(10)}m_{111}^{(11)}m_{212}^{(20)} - 2m_{001}^{(10)}m_{111}^{(11)}m_{203}^{(10)} - 4m_{001}^{(10)}m_{111}^{(20)}m_{230}^{(22)} + 8m_{001}^{(10)}m_{111}^{(20)}m_{221}^{(21)}\\
&-2m_{001}^{(10)}m_{111}^{(20)}m_{212}^{(11)} - 4m_{001}^{(10)}m_{111}^{(20)}m_{122}^{(10)} + 2m_{001}^{(10)}m_{111}^{(20)}m_{032}^{(00)} + 4m_{001}^{(10)}m_{111}^{(21)}m_{320}^{(22)}\\
&-2m_{001}^{(10)}m_{111}^{(21)}m_{302}^{(11)} - 8m_{001}^{(10)}m_{111}^{(21)}m_{221}^{(20)} + 4m_{001}^{(10)}m_{111}^{(21)}m_{212}^{(10)} + 2m_{001}^{(10)}m_{111}^{(21)}m_{122}^{(00)}\\
&-4m_{001}^{(10)}m_{111}^{(22)}m_{320}^{(21)} + 2m_{001}^{(10)}m_{111}^{(22)}m_{311}^{(11)} + 4m_{001}^{(10)}m_{111}^{(22)}m_{230}^{(20)} - 2m_{001}^{(10)}m_{111}^{(22)}m_{131}^{(00)}\\
&-2m_{001}^{(10)}m_{102}^{(00)}m_{140}^{(22)} + 3m_{001}^{(10)}m_{102}^{(00)}m_{131}^{(21)} - m_{001}^{(10)}m_{102}^{(00)}m_{122}^{(11)} + m_{001}^{(10)}m_{102}^{(00)}m_{041}^{(20)}\\
&-m_{001}^{(10)}m_{102}^{(00)}m_{032}^{(10)} + 4m_{001}^{(10)}m_{102}^{(10)}m_{230}^{(22)} - 4m_{001}^{(10)}m_{102}^{(10)}m_{221}^{(21)} + m_{001}^{(10)}m_{102}^{(10)}m_{212}^{(11)}\\
&-4m_{001}^{(10)}m_{102}^{(10)}m_{131}^{(20)} + 2m_{001}^{(10)}m_{102}^{(10)}m_{122}^{(10)} + m_{001}^{(10)}m_{102}^{(10)}m_{032}^{(00)} - 2m_{001}^{(10)}m_{102}^{(11)}m_{320}^{(22)}\\
&+m_{001}^{(10)}m_{102}^{(11)}m_{311}^{(21)} + 3m_{001}^{(10)}m_{102}^{(11)}m_{221}^{(20)} - m_{001}^{(10)}m_{102}^{(11)}m_{212}^{(10)} - m_{001}^{(10)}m_{102}^{(11)}m_{122}^{(00)}\\
&-2m_{001}^{(10)}m_{102}^{(20)}m_{230}^{(21)} + m_{001}^{(10)}m_{102}^{(20)}m_{221}^{(11)} + 2m_{001}^{(10)}m_{102}^{(20)}m_{140}^{(20)} - m_{001}^{(10)}m_{102}^{(20)}m_{041}^{(00)}\\
&+2m_{001}^{(10)}m_{102}^{(21)}m_{320}^{(21)} - m_{001}^{(10)}m_{102}^{(21)}m_{311}^{(11)} - 2m_{001}^{(10)}m_{102}^{(21)}m_{230}^{(20)} + m_{001}^{(10)}m_{102}^{(21)}m_{131}^{(00)}
\end{aligned}
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\begin{aligned}
&+m_{001}^{(10)}m_{030}^{(00)}m_{212}^{(22)} - m_{001}^{(10)}m_{030}^{(00)}m_{203}^{(21)} - m_{001}^{(10)}m_{030}^{(00)}m_{113}^{(20)} + m_{001}^{(10)}m_{030}^{(00)}m_{104}^{(10)}\\
&-m_{001}^{(10)}m_{030}^{(10)}m_{302}^{(22)} + 2m_{001}^{(10)}m_{030}^{(10)}m_{203}^{(20)} - m_{001}^{(10)}m_{030}^{(10)}m_{104}^{(00)} - m_{001}^{(10)}m_{030}^{(20)}m_{311}^{(22)}\\
&+2m_{001}^{(10)}m_{030}^{(20)}m_{302}^{(21)} - 2m_{001}^{(10)}m_{030}^{(20)}m_{203}^{(10)} + m_{001}^{(10)}m_{030}^{(20)}m_{113}^{(00)} + m_{001}^{(10)}m_{030}^{(21)}m_{401}^{(22)}\\
&-2m_{001}^{(10)}m_{030}^{(21)}m_{302}^{(20)} + m_{001}^{(10)}m_{030}^{(21)}m_{203}^{(00)} - m_{001}^{(10)}m_{030}^{(22)}m_{401}^{(21)} + m_{001}^{(10)}m_{030}^{(22)}m_{311}^{(20)}\\
&+m_{001}^{(10)}m_{030}^{(22)}m_{302}^{(10)} - m_{001}^{(10)}m_{030}^{(22)}m_{212}^{(00)} - 3m_{001}^{(10)}m_{021}^{(00)}m_{221}^{(22)} + 4m_{001}^{(10)}m_{021}^{(00)}m_{212}^{(21)}\\
&-m_{001}^{(10)}m_{021}^{(00)}m_{203}^{(11)} + 2m_{001}^{(10)}m_{021}^{(00)}m_{122}^{(20)} - 2m_{001}^{(10)}m_{021}^{(00)}m_{113}^{(10)} + 4m_{001}^{(10)}m_{021}^{(10)}m_{311}^{(22)}\\
&-2m_{001}^{(10)}m_{021}^{(10)}m_{302}^{(21)} - 6m_{001}^{(10)}m_{021}^{(10)}m_{212}^{(20)} + 2m_{001}^{(10)}m_{021}^{(10)}m_{203}^{(10)} + 2m_{001}^{(10)}m_{021}^{(10)}m_{113}^{(00)}\\
&-m_{001}^{(10)}m_{021}^{(11)}m_{401}^{(22)} + 2m_{001}^{(10)}m_{021}^{(11)}m_{302}^{(20)} - m_{001}^{(10)}m_{021}^{(11)}m_{203}^{(00)} + 2m_{001}^{(10)}m_{021}^{(20)}m_{320}^{(22)}\\
&-6m_{001}^{(10)}m_{021}^{(20)}m_{311}^{(21)} + 2m_{001}^{(10)}m_{021}^{(20)}m_{302}^{(11)} + 2m_{001}^{(10)}m_{021}^{(20)}m_{221}^{(20)} + 2m_{001}^{(10)}m_{021}^{(20)}m_{212}^{(10)}\\
&-2m_{001}^{(10)}m_{021}^{(20)}m_{122}^{(00)} - 2m_{001}^{(10)}m_{021}^{(21)}m_{410}^{(22)} + 2m_{001}^{(10)}m_{021}^{(21)}m_{401}^{(21)} + 2m_{001}^{(10)}m_{021}^{(21)}m_{311}^{(20)}\\
&-2m_{001}^{(10)}m_{021}^{(21)}m_{302}^{(10)} + 2m_{001}^{(10)}m_{021}^{(22)}m_{410}^{(21)} - m_{001}^{(10)}m_{021}^{(22)}m_{401}^{(11)} - 2m_{001}^{(10)}m_{021}^{(22)}m_{320}^{(20)}\\
&+m_{001}^{(10)}m_{021}^{(22)}m_{221}^{(00)} + 2m_{001}^{(10)}m_{012}^{(00)}m_{230}^{(22)} - 3m_{001}^{(10)}m_{012}^{(00)}m_{221}^{(21)} + m_{001}^{(10)}m_{012}^{(00)}m_{212}^{(11)}\\
&-m_{001}^{(10)}m_{012}^{(00)}m_{131}^{(20)} + m_{001}^{(10)}m_{012}^{(00)}m_{122}^{(10)} - 4m_{001}^{(10)}m_{012}^{(10)}m_{320}^{(22)} + 4m_{001}^{(10)}m_{012}^{(10)}m_{311}^{(21)}\\
&-m_{001}^{(10)}m_{012}^{(10)}m_{302}^{(11)} + 4m_{001}^{(10)}m_{012}^{(10)}m_{221}^{(20)} - 2m_{001}^{(10)}m_{012}^{(10)}m_{212}^{(10)} - m_{001}^{(10)}m_{012}^{(10)}m_{122}^{(00)}\\
&+2m_{001}^{(10)}m_{012}^{(11)}m_{410}^{(22)} - m_{001}^{(10)}m_{012}^{(11)}m_{401}^{(21)} - 3m_{001}^{(10)}m_{012}^{(11)}m_{311}^{(20)} + m_{001}^{(10)}m_{012}^{(11)}m_{302}^{(10)}\\
&+m_{001}^{(10)}m_{012}^{(11)}m_{212}^{(00)} + 2m_{001}^{(10)}m_{012}^{(20)}m_{320}^{(21)} - m_{001}^{(10)}m_{012}^{(20)}m_{311}^{(11)} - 2m_{001}^{(10)}m_{012}^{(20)}m_{230}^{(20)}\\
&+m_{001}^{(10)}m_{012}^{(20)}m_{131}^{(00)} - 2m_{001}^{(10)}m_{012}^{(21)}m_{410}^{(21)} + m_{001}^{(10)}m_{012}^{(21)}m_{401}^{(11)} + 2m_{001}^{(10)}m_{012}^{(21)}m_{320}^{(20)}\\
&-m_{001}^{(10)}m_{012}^{(21)}m_{221}^{(00)} - m_{001}^{(11)}m_{300}^{(10)}m_{122}^{(22)} + m_{001}^{(11)}m_{300}^{(10)}m_{113}^{(21)} + m_{001}^{(11)}m_{300}^{(10)}m_{023}^{(20)}\\
&-m_{001}^{(11)}m_{300}^{(10)}m_{014}^{(10)} + m_{001}^{(11)}m_{300}^{(11)}m_{212}^{(22)} - 2m_{001}^{(11)}m_{300}^{(11)}m_{113}^{(20)} + m_{001}^{(11)}m_{300}^{(11)}m_{014}^{(00)}\\
&+m_{001}^{(11)}m_{300}^{(20)}m_{131}^{(22)} - m_{001}^{(11)}m_{300}^{(20)}m_{122}^{(21)} - m_{001}^{(11)}m_{300}^{(20)}m_{032}^{(20)} + m_{001}^{(11)}m_{300}^{(20)}m_{023}^{(10)}\\
&-m_{001}^{(11)}m_{300}^{(21)}m_{221}^{(22)} - m_{001}^{(11)}m_{300}^{(21)}m_{212}^{(21)} + 3m_{001}^{(11)}m_{300}^{(21)}m_{122}^{(20)} + m_{001}^{(11)}m_{300}^{(21)}m_{113}^{(10)}\\
&-2m_{001}^{(11)}m_{300}^{(21)}m_{023}^{(00)} + m_{001}^{(11)}m_{300}^{(22)}m_{221}^{(21)} - m_{001}^{(11)}m_{300}^{(22)}m_{131}^{(20)} - m_{001}^{(11)}m_{300}^{(22)}m_{122}^{(10)}\\
&+m_{001}^{(11)}m_{300}^{(22)}m_{032}^{(00)} + m_{001}^{(11)}m_{210}^{(00)}m_{122}^{(22)} - m_{001}^{(11)}m_{210}^{(00)}m_{113}^{(21)} - m_{001}^{(11)}m_{210}^{(00)}m_{023}^{(20)}\\
&+m_{001}^{(11)}m_{210}^{(00)}m_{014}^{(10)} - m_{001}^{(11)}m_{210}^{(10)}m_{203}^{(21)} + m_{001}^{(11)}m_{210}^{(10)}m_{113}^{(20)} + m_{001}^{(11)}m_{210}^{(10)}m_{104}^{(10)}\\
&-m_{001}^{(11)}m_{210}^{(10)}m_{014}^{(00)} - m_{001}^{(11)}m_{210}^{(11)}m_{302}^{(22)} + 2m_{001}^{(11)}m_{210}^{(11)}m_{203}^{(20)} - m_{001}^{(11)}m_{210}^{(11)}m_{104}^{(00)}\\
&-2m_{001}^{(11)}m_{210}^{(20)}m_{221}^{(22)} + 3m_{001}^{(11)}m_{210}^{(20)}m_{212}^{(21)} + m_{001}^{(11)}m_{210}^{(20)}m_{122}^{(20)} - 3m_{001}^{(11)}m_{210}^{(20)}m_{113}^{(10)}\\
&+m_{001}^{(11)}m_{210}^{(20)}m_{023}^{(00)} + 2m_{001}^{(11)}m_{210}^{(21)}m_{311}^{(22)} + m_{001}^{(11)}m_{210}^{(21)}m_{302}^{(21)} - 5m_{001}^{(11)}m_{210}^{(21)}m_{212}^{(20)}\\
&-m_{001}^{(11)}m_{210}^{(21)}m_{203}^{(10)} + 3m_{001}^{(11)}m_{210}^{(21)}m_{113}^{(00)} - 2m_{001}^{(11)}m_{210}^{(22)}m_{311}^{(21)} + 2m_{001}^{(11)}m_{210}^{(22)}m_{221}^{(20)}\\
&+2m_{001}^{(11)}m_{210}^{(22)}m_{212}^{(10)} - 2m_{001}^{(11)}m_{210}^{(22)}m_{122}^{(00)} - m_{001}^{(11)}m_{201}^{(00)}m_{131}^{(22)} + m_{001}^{(11)}m_{201}^{(00)}m_{122}^{(21)}\\
&+m_{001}^{(11)}m_{201}^{(00)}m_{032}^{(20)} - m_{001}^{(11)}m_{201}^{(00)}m_{023}^{(10)} + 3m_{001}^{(11)}m_{201}^{(10)}m_{221}^{(22)} - 2m_{001}^{(11)}m_{201}^{(10)}m_{212}^{(21)}\\
&-4m_{001}^{(11)}m_{201}^{(10)}m_{122}^{(20)} + 2m_{001}^{(11)}m_{201}^{(10)}m_{113}^{(10)} + m_{001}^{(11)}m_{201}^{(10)}m_{023}^{(00)} - 2m_{001}^{(11)}m_{201}^{(11)}m_{311}^{(22)}\\
&+4m_{001}^{(11)}m_{201}^{(11)}m_{212}^{(20)} - 2m_{001}^{(11)}m_{201}^{(11)}m_{113}^{(00)} - m_{001}^{(11)}m_{201}^{(20)}m_{230}^{(22)} + 2m_{001}^{(11)}m_{201}^{(20)}m_{131}^{(20)}\\
&-m_{001}^{(11)}m_{201}^{(20)}m_{032}^{(00)} + m_{001}^{(11)}m_{201}^{(21)}m_{320}^{(22)} + 2m_{001}^{(11)}m_{201}^{(21)}m_{311}^{(21)} - 4m_{001}^{(11)}m_{201}^{(21)}m_{221}^{(20)}\\
&-2m_{001}^{(11)}m_{201}^{(21)}m_{212}^{(10)} + 3m_{001}^{(11)}m_{201}^{(21)}m_{122}^{(00)} - m_{001}^{(11)}m_{201}^{(22)}m_{320}^{(21)} + m_{001}^{(11)}m_{201}^{(22)}m_{230}^{(20)}\\
&+m_{001}^{(11)}m_{201}^{(22)}m_{221}^{(10)} - m_{001}^{(11)}m_{201}^{(22)}m_{131}^{(00)} - m_{001}^{(11)}m_{120}^{(00)}m_{212}^{(22)} + m_{001}^{(11)}m_{120}^{(00)}m_{203}^{(21)}\\
&+m_{001}^{(11)}m_{120}^{(00)}m_{113}^{(20)} - m_{001}^{(11)}m_{120}^{(00)}m_{104}^{(10)} + m_{001}^{(11)}m_{120}^{(10)}m_{302}^{(22)} - 2m_{001}^{(11)}m_{120}^{(10)}m_{203}^{(20)}\\
&+m_{001}^{(11)}m_{120}^{(10)}m_{104}^{(00)} + m_{001}^{(11)}m_{120}^{(20)}m_{311}^{(22)} - 2m_{001}^{(11)}m_{120}^{(20)}m_{302}^{(21)} + 2m_{001}^{(11)}m_{120}^{(20)}m_{203}^{(10)}\\
&-m_{001}^{(11)}m_{120}^{(20)}m_{113}^{(00)} - m_{001}^{(11)}m_{120}^{(21)}m_{401}^{(22)} + 2m_{001}^{(11)}m_{120}^{(21)}m_{302}^{(20)} - m_{001}^{(11)}m_{120}^{(21)}m_{203}^{(00)}
\end{aligned}
$$

$$+m_{001}^{(11)}m_{120}^{(22)}m_{401}^{(21)} - m_{001}^{(11)}m_{120}^{(22)}m_{311}^{(20)} - m_{001}^{(11)}m_{120}^{(22)}m_{302}^{(10)} + m_{001}^{(11)}m_{120}^{(22)}m_{212}^{(00)}$$
$$-2m_{001}^{(11)}m_{111}^{(10)}m_{311}^{(22)} + 2m_{001}^{(11)}m_{111}^{(10)}m_{302}^{(21)} + 2m_{001}^{(11)}m_{111}^{(10)}m_{212}^{(20)} - 2m_{001}^{(11)}m_{111}^{(10)}m_{203}^{(10)}$$
$$+2m_{001}^{(11)}m_{111}^{(11)}m_{401}^{(22)} - 4m_{001}^{(11)}m_{111}^{(11)}m_{302}^{(20)} + 2m_{001}^{(11)}m_{111}^{(11)}m_{203}^{(00)} + 2m_{001}^{(11)}m_{111}^{(20)}m_{320}^{(22)}$$
$$-2m_{001}^{(11)}m_{111}^{(20)}m_{311}^{(21)} - 2m_{001}^{(11)}m_{111}^{(20)}m_{221}^{(20)} + 2m_{001}^{(11)}m_{111}^{(20)}m_{212}^{(10)} - 2m_{001}^{(11)}m_{111}^{(21)}m_{410}^{(22)}$$
$$-2m_{001}^{(11)}m_{111}^{(21)}m_{401}^{(21)} + 6m_{001}^{(11)}m_{111}^{(21)}m_{311}^{(20)} + 2m_{001}^{(11)}m_{111}^{(21)}m_{302}^{(10)} - 4m_{001}^{(11)}m_{111}^{(21)}m_{212}^{(00)}$$
$$+2m_{001}^{(11)}m_{111}^{(22)}m_{410}^{(21)} - 2m_{001}^{(11)}m_{111}^{(22)}m_{320}^{(20)} - 2m_{001}^{(11)}m_{111}^{(22)}m_{311}^{(10)} + 2m_{001}^{(11)}m_{111}^{(22)}m_{221}^{(00)}$$
$$+m_{001}^{(11)}m_{102}^{(00)}m_{230}^{(22)} - m_{001}^{(11)}m_{102}^{(00)}m_{221}^{(21)} - m_{001}^{(11)}m_{102}^{(00)}m_{131}^{(20)} + m_{001}^{(11)}m_{102}^{(00)}m_{122}^{(10)}$$
$$-2m_{001}^{(11)}m_{102}^{(10)}m_{320}^{(22)} + m_{001}^{(11)}m_{102}^{(10)}m_{311}^{(21)} + 3m_{001}^{(11)}m_{102}^{(10)}m_{221}^{(20)} - m_{001}^{(11)}m_{102}^{(10)}m_{212}^{(10)}$$
$$-m_{001}^{(11)}m_{102}^{(10)}m_{122}^{(00)} + m_{001}^{(11)}m_{102}^{(11)}m_{410}^{(22)} - 2m_{001}^{(11)}m_{102}^{(11)}m_{311}^{(20)} + m_{001}^{(11)}m_{102}^{(11)}m_{212}^{(00)}$$
$$+m_{001}^{(11)}m_{102}^{(20)}m_{320}^{(21)} - m_{001}^{(11)}m_{102}^{(20)}m_{230}^{(20)} - m_{001}^{(11)}m_{102}^{(20)}m_{221}^{(10)} + m_{001}^{(11)}m_{102}^{(20)}m_{131}^{(00)}$$
$$-m_{001}^{(11)}m_{102}^{(21)}m_{410}^{(21)} + m_{001}^{(11)}m_{102}^{(21)}m_{320}^{(20)} + m_{001}^{(11)}m_{102}^{(21)}m_{311}^{(10)} - m_{001}^{(11)}m_{102}^{(21)}m_{221}^{(00)}$$
$$+m_{001}^{(11)}m_{021}^{(00)}m_{311}^{(22)} - m_{001}^{(11)}m_{021}^{(00)}m_{302}^{(21)} - m_{001}^{(11)}m_{021}^{(00)}m_{212}^{(20)} + m_{001}^{(11)}m_{021}^{(00)}m_{203}^{(10)}$$
$$-m_{001}^{(11)}m_{021}^{(10)}m_{401}^{(22)} + 2m_{001}^{(11)}m_{021}^{(10)}m_{302}^{(20)} - m_{001}^{(11)}m_{021}^{(10)}m_{203}^{(00)} - m_{001}^{(11)}m_{021}^{(20)}m_{410}^{(22)}$$
$$+2m_{001}^{(11)}m_{021}^{(20)}m_{401}^{(21)} - 2m_{001}^{(11)}m_{021}^{(20)}m_{302}^{(10)} + m_{001}^{(11)}m_{021}^{(20)}m_{212}^{(00)} + m_{001}^{(11)}m_{021}^{(21)}m_{500}^{(22)}$$
$$-2m_{001}^{(11)}m_{021}^{(21)}m_{401}^{(20)} + m_{001}^{(11)}m_{021}^{(21)}m_{302}^{(00)} - m_{001}^{(11)}m_{021}^{(22)}m_{500}^{(21)} + m_{001}^{(11)}m_{021}^{(22)}m_{410}^{(20)}$$
$$+m_{001}^{(11)}m_{021}^{(22)}m_{401}^{(10)} - m_{001}^{(11)}m_{021}^{(22)}m_{311}^{(00)} - m_{001}^{(11)}m_{012}^{(00)}m_{320}^{(22)} + m_{001}^{(11)}m_{012}^{(00)}m_{311}^{(21)}$$
$$+m_{001}^{(11)}m_{012}^{(00)}m_{221}^{(20)} - m_{001}^{(11)}m_{012}^{(00)}m_{212}^{(10)} + 2m_{001}^{(11)}m_{012}^{(10)}m_{410}^{(22)} - m_{001}^{(11)}m_{012}^{(10)}m_{401}^{(21)}$$
$$-3m_{001}^{(11)}m_{012}^{(10)}m_{311}^{(20)} + m_{001}^{(11)}m_{012}^{(10)}m_{302}^{(10)} + m_{001}^{(11)}m_{012}^{(10)}m_{212}^{(00)} - m_{001}^{(11)}m_{012}^{(11)}m_{500}^{(22)}$$
$$+2m_{001}^{(11)}m_{012}^{(11)}m_{401}^{(20)} - m_{001}^{(11)}m_{012}^{(11)}m_{302}^{(00)} - m_{001}^{(11)}m_{012}^{(20)}m_{410}^{(21)} + m_{001}^{(11)}m_{012}^{(20)}m_{320}^{(20)}$$
$$+m_{001}^{(11)}m_{012}^{(20)}m_{311}^{(10)} - m_{001}^{(11)}m_{012}^{(20)}m_{221}^{(00)} + m_{001}^{(11)}m_{012}^{(21)}m_{500}^{(21)} - m_{001}^{(11)}m_{012}^{(21)}m_{410}^{(20)}$$
$$-m_{001}^{(11)}m_{012}^{(21)}m_{401}^{(10)} + m_{001}^{(11)}m_{012}^{(21)}m_{311}^{(00)} - m_{001}^{(20)}m_{300}^{(10)}m_{041}^{(22)} + 2m_{001}^{(20)}m_{300}^{(10)}m_{032}^{(21)}$$
$$-m_{001}^{(20)}m_{300}^{(10)}m_{023}^{(11)} + m_{001}^{(20)}m_{300}^{(11)}m_{131}^{(22)} - m_{001}^{(20)}m_{300}^{(11)}m_{122}^{(21)} - m_{001}^{(20)}m_{300}^{(11)}m_{032}^{(20)}$$
$$+m_{001}^{(20)}m_{300}^{(11)}m_{023}^{(10)} + m_{001}^{(20)}m_{300}^{(20)}m_{050}^{(22)} - 2m_{001}^{(20)}m_{300}^{(20)}m_{041}^{(21)} + m_{001}^{(20)}m_{300}^{(20)}m_{032}^{(11)}$$
$$-m_{001}^{(20)}m_{300}^{(21)}m_{140}^{(22)} + m_{001}^{(20)}m_{300}^{(21)}m_{122}^{(11)} + 2m_{001}^{(20)}m_{300}^{(21)}m_{041}^{(20)} - 2m_{001}^{(20)}m_{300}^{(21)}m_{032}^{(10)}$$
$$+m_{001}^{(20)}m_{300}^{(22)}m_{140}^{(21)} - m_{001}^{(20)}m_{300}^{(22)}m_{131}^{(11)} - m_{001}^{(20)}m_{300}^{(22)}m_{050}^{(20)} + m_{001}^{(20)}m_{300}^{(22)}m_{041}^{(10)}$$
$$+m_{001}^{(20)}m_{210}^{(00)}m_{041}^{(22)} - 2m_{001}^{(20)}m_{210}^{(00)}m_{032}^{(21)} + m_{001}^{(20)}m_{210}^{(00)}m_{023}^{(11)} + m_{001}^{(20)}m_{210}^{(10)}m_{131}^{(22)}$$
$$-4m_{001}^{(20)}m_{210}^{(10)}m_{122}^{(21)} + 3m_{001}^{(20)}m_{210}^{(10)}m_{113}^{(11)} + 2m_{001}^{(20)}m_{210}^{(10)}m_{032}^{(20)} - 2m_{001}^{(20)}m_{210}^{(10)}m_{023}^{(10)}$$
$$-2m_{001}^{(20)}m_{210}^{(11)}m_{221}^{(22)} + 3m_{001}^{(20)}m_{210}^{(11)}m_{212}^{(21)} + m_{001}^{(20)}m_{210}^{(11)}m_{122}^{(20)} - 3m_{001}^{(20)}m_{210}^{(11)}m_{113}^{(10)}$$
$$+m_{001}^{(20)}m_{210}^{(11)}m_{023}^{(00)} - 3m_{001}^{(20)}m_{210}^{(20)}m_{140}^{(22)} + 8m_{001}^{(20)}m_{210}^{(20)}m_{131}^{(21)} - 5m_{001}^{(20)}m_{210}^{(20)}m_{122}^{(11)}$$
$$-2m_{001}^{(20)}m_{210}^{(20)}m_{041}^{(20)} + 2m_{001}^{(20)}m_{210}^{(20)}m_{032}^{(10)} + 3m_{001}^{(20)}m_{210}^{(21)}m_{230}^{(22)} - 2m_{001}^{(20)}m_{210}^{(21)}m_{221}^{(21)}$$
$$-3m_{001}^{(20)}m_{210}^{(21)}m_{212}^{(11)} - 4m_{001}^{(20)}m_{210}^{(21)}m_{131}^{(20)} + 8m_{001}^{(20)}m_{210}^{(21)}m_{122}^{(10)} - 2m_{001}^{(20)}m_{210}^{(21)}m_{032}^{(00)}$$
$$-3m_{001}^{(20)}m_{210}^{(22)}m_{230}^{(21)} + 4m_{001}^{(20)}m_{210}^{(22)}m_{221}^{(11)} + 3m_{001}^{(20)}m_{210}^{(22)}m_{140}^{(20)} - 5m_{001}^{(20)}m_{210}^{(22)}m_{131}^{(10)}$$
$$+m_{001}^{(20)}m_{210}^{(22)}m_{041}^{(00)} - m_{001}^{(20)}m_{201}^{(00)}m_{050}^{(22)} + 2m_{001}^{(20)}m_{201}^{(00)}m_{041}^{(21)} - m_{001}^{(20)}m_{201}^{(00)}m_{032}^{(11)}$$
$$+2m_{001}^{(20)}m_{201}^{(10)}m_{140}^{(22)} - 2m_{001}^{(20)}m_{201}^{(10)}m_{131}^{(21)} - 2m_{001}^{(20)}m_{201}^{(10)}m_{041}^{(20)} + 2m_{001}^{(20)}m_{201}^{(10)}m_{032}^{(10)}$$
$$-m_{001}^{(20)}m_{201}^{(11)}m_{230}^{(22)} + 2m_{001}^{(20)}m_{201}^{(11)}m_{131}^{(20)} - m_{001}^{(20)}m_{201}^{(11)}m_{032}^{(00)} - 2m_{001}^{(20)}m_{201}^{(20)}m_{140}^{(21)}$$
$$+2m_{001}^{(20)}m_{201}^{(20)}m_{131}^{(11)} + 2m_{001}^{(20)}m_{201}^{(20)}m_{050}^{(20)} - 2m_{001}^{(20)}m_{201}^{(20)}m_{041}^{(10)} + 2m_{001}^{(20)}m_{201}^{(21)}m_{230}^{(21)}$$
$$-2m_{001}^{(20)}m_{201}^{(21)}m_{140}^{(20)} - 2m_{001}^{(20)}m_{201}^{(21)}m_{131}^{(10)} + 2m_{001}^{(20)}m_{201}^{(21)}m_{041}^{(00)} - m_{001}^{(20)}m_{201}^{(22)}m_{230}^{(11)}$$
$$+2m_{001}^{(20)}m_{201}^{(22)}m_{140}^{(10)} - m_{001}^{(20)}m_{201}^{(22)}m_{050}^{(00)} - 2m_{001}^{(20)}m_{120}^{(00)}m_{131}^{(22)} + 5m_{001}^{(20)}m_{120}^{(00)}m_{122}^{(21)}$$

$$
\begin{aligned}
&-3m_{001}^{(20)}m_{120}^{(00)}m_{113}^{(11)} - m_{001}^{(20)}m_{120}^{(00)}m_{032}^{(20)} + m_{001}^{(20)}m_{120}^{(00)}m_{023}^{(10)} + m_{001}^{(20)}m_{120}^{(10)}m_{221}^{(22)}\\
&-2m_{001}^{(20)}m_{120}^{(10)}m_{203}^{(11)} - 2m_{001}^{(20)}m_{120}^{(10)}m_{122}^{(20)} + 4m_{001}^{(20)}m_{120}^{(10)}m_{113}^{(10)} - m_{001}^{(20)}m_{120}^{(10)}m_{023}^{(00)}\\
&+m_{001}^{(20)}m_{120}^{(11)}m_{311}^{(22)} - 2m_{001}^{(20)}m_{120}^{(11)}m_{302}^{(21)} + 2m_{001}^{(20)}m_{120}^{(11)}m_{203}^{(10)} - m_{001}^{(20)}m_{120}^{(11)}m_{113}^{(00)}\\
&+3m_{001}^{(20)}m_{120}^{(20)}m_{230}^{(22)} - 10m_{001}^{(20)}m_{120}^{(20)}m_{221}^{(21)} + 8m_{001}^{(20)}m_{120}^{(20)}m_{212}^{(11)} + 4m_{001}^{(20)}m_{120}^{(20)}m_{131}^{(20)}\\
&-6m_{001}^{(20)}m_{120}^{(20)}m_{122}^{(10)} + m_{001}^{(20)}m_{120}^{(20)}m_{032}^{(00)} - 3m_{001}^{(20)}m_{120}^{(21)}m_{320}^{(22)} + 4m_{001}^{(20)}m_{120}^{(21)}m_{311}^{(21)}\\
&+2m_{001}^{(20)}m_{120}^{(21)}m_{302}^{(11)} + 2m_{001}^{(20)}m_{120}^{(21)}m_{221}^{(20)} - 8m_{001}^{(20)}m_{120}^{(21)}m_{212}^{(10)} + 3m_{001}^{(20)}m_{120}^{(21)}m_{122}^{(00)}\\
&+3m_{001}^{(20)}m_{120}^{(22)}m_{320}^{(21)} - 5m_{001}^{(20)}m_{120}^{(22)}m_{311}^{(11)} - 3m_{001}^{(20)}m_{120}^{(22)}m_{230}^{(20)} + 7m_{001}^{(20)}m_{120}^{(22)}m_{221}^{(10)}\\
&-2m_{001}^{(20)}m_{120}^{(22)}m_{131}^{(00)} + 2m_{001}^{(20)}m_{111}^{(00)}m_{140}^{(22)} - 6m_{001}^{(20)}m_{111}^{(00)}m_{131}^{(21)} + 4m_{001}^{(20)}m_{111}^{(00)}m_{122}^{(11)}\\
&+2m_{001}^{(20)}m_{111}^{(00)}m_{041}^{(20)} - 2m_{001}^{(20)}m_{111}^{(00)}m_{032}^{(10)} - 4m_{001}^{(20)}m_{111}^{(10)}m_{230}^{(22)} + 8m_{001}^{(20)}m_{111}^{(10)}m_{221}^{(21)}\\
&-2m_{001}^{(20)}m_{111}^{(10)}m_{212}^{(11)} - 4m_{001}^{(20)}m_{111}^{(10)}m_{122}^{(10)} + 2m_{001}^{(20)}m_{111}^{(10)}m_{032}^{(00)} + 2m_{001}^{(20)}m_{111}^{(11)}m_{320}^{(22)}\\
&-2m_{001}^{(20)}m_{111}^{(11)}m_{311}^{(21)} - 2m_{001}^{(20)}m_{111}^{(11)}m_{221}^{(20)} + 2m_{001}^{(20)}m_{111}^{(11)}m_{212}^{(10)} + 4m_{001}^{(20)}m_{111}^{(20)}m_{230}^{(21)}\\
&-6m_{001}^{(20)}m_{111}^{(20)}m_{221}^{(11)} - 4m_{001}^{(20)}m_{111}^{(20)}m_{140}^{(20)} + 8m_{001}^{(20)}m_{111}^{(20)}m_{131}^{(10)} - 2m_{001}^{(20)}m_{111}^{(20)}m_{041}^{(00)}\\
&-4m_{001}^{(20)}m_{111}^{(21)}m_{320}^{(21)} + 2m_{001}^{(20)}m_{111}^{(21)}m_{311}^{(11)} + 4m_{001}^{(20)}m_{111}^{(20)}m_{230}^{(20)} - 2m_{001}^{(20)}m_{111}^{(21)}m_{131}^{(00)}\\
&+2m_{001}^{(20)}m_{111}^{(22)}m_{320}^{(11)} - 4m_{001}^{(20)}m_{111}^{(22)}m_{230}^{(10)} + 2m_{001}^{(20)}m_{111}^{(22)}m_{140}^{(00)} + m_{001}^{(20)}m_{102}^{(00)}m_{140}^{(21)}\\
&-m_{001}^{(20)}m_{102}^{(00)}m_{131}^{(11)} - m_{001}^{(20)}m_{102}^{(00)}m_{050}^{(20)} + m_{001}^{(20)}m_{102}^{(00)}m_{041}^{(10)} - 2m_{001}^{(20)}m_{102}^{(10)}m_{230}^{(21)}\\
&+m_{001}^{(20)}m_{102}^{(10)}m_{221}^{(11)} + 2m_{001}^{(20)}m_{102}^{(10)}m_{140}^{(20)} - m_{001}^{(20)}m_{102}^{(10)}m_{041}^{(00)} + m_{001}^{(20)}m_{102}^{(11)}m_{320}^{(21)}\\
&-m_{001}^{(20)}m_{102}^{(11)}m_{230}^{(20)} - m_{001}^{(20)}m_{102}^{(11)}m_{221}^{(10)} + m_{001}^{(20)}m_{102}^{(11)}m_{131}^{(00)} + m_{001}^{(20)}m_{102}^{(20)}m_{230}^{(11)}\\
&-2m_{001}^{(20)}m_{102}^{(20)}m_{140}^{(10)} + m_{001}^{(20)}m_{102}^{(20)}m_{050}^{(00)} - m_{001}^{(20)}m_{102}^{(21)}m_{320}^{(11)} + 2m_{001}^{(20)}m_{102}^{(21)}m_{230}^{(10)}\\
&-m_{001}^{(20)}m_{102}^{(21)}m_{140}^{(00)} + m_{001}^{(20)}m_{030}^{(00)}m_{221}^{(22)} - 3m_{001}^{(20)}m_{030}^{(00)}m_{212}^{(21)} + 2m_{001}^{(20)}m_{030}^{(00)}m_{203}^{(11)}\\
&+m_{001}^{(20)}m_{030}^{(00)}m_{122}^{(20)} - m_{001}^{(20)}m_{030}^{(00)}m_{113}^{(10)} - m_{001}^{(20)}m_{030}^{(10)}m_{311}^{(22)} + 2m_{001}^{(20)}m_{030}^{(10)}m_{302}^{(21)}\\
&-2m_{001}^{(20)}m_{030}^{(10)}m_{203}^{(10)} + m_{001}^{(20)}m_{030}^{(10)}m_{113}^{(00)} - m_{001}^{(20)}m_{030}^{(20)}m_{320}^{(22)} + 4m_{001}^{(20)}m_{030}^{(20)}m_{311}^{(21)}\\
&-4m_{001}^{(20)}m_{030}^{(20)}m_{302}^{(11)} - 2m_{001}^{(20)}m_{030}^{(20)}m_{221}^{(20)} + 4m_{001}^{(20)}m_{030}^{(20)}m_{212}^{(10)} - m_{001}^{(20)}m_{030}^{(20)}m_{122}^{(00)}\\
&+m_{001}^{(20)}m_{030}^{(21)}m_{410}^{(22)} - 2m_{001}^{(20)}m_{030}^{(21)}m_{401}^{(21)} + 2m_{001}^{(20)}m_{030}^{(21)}m_{302}^{(10)} - m_{001}^{(20)}m_{030}^{(21)}m_{212}^{(00)}\\
&-m_{001}^{(20)}m_{030}^{(22)}m_{410}^{(21)} + 2m_{001}^{(20)}m_{030}^{(22)}m_{401}^{(11)} + m_{001}^{(20)}m_{030}^{(22)}m_{320}^{(20)} - 3m_{001}^{(20)}m_{030}^{(22)}m_{311}^{(10)}\\
&+m_{001}^{(20)}m_{030}^{(22)}m_{221}^{(00)} - m_{001}^{(20)}m_{021}^{(00)}m_{230}^{(22)} + 4m_{001}^{(20)}m_{021}^{(00)}m_{221}^{(21)} - 3m_{001}^{(20)}m_{021}^{(00)}m_{212}^{(11)}\\
&-2m_{001}^{(20)}m_{021}^{(00)}m_{131}^{(20)} + 2m_{001}^{(20)}m_{021}^{(00)}m_{122}^{(10)} + 2m_{001}^{(20)}m_{021}^{(10)}m_{320}^{(22)} - 6m_{001}^{(20)}m_{021}^{(10)}m_{311}^{(21)}\\
&+2m_{001}^{(20)}m_{021}^{(10)}m_{302}^{(11)} + 2m_{001}^{(20)}m_{021}^{(10)}m_{221}^{(20)} + 2m_{001}^{(20)}m_{021}^{(10)}m_{212}^{(10)} - 2m_{001}^{(20)}m_{021}^{(10)}m_{122}^{(00)}\\
&-m_{001}^{(20)}m_{021}^{(11)}m_{410}^{(22)} + 2m_{001}^{(20)}m_{021}^{(11)}m_{401}^{(21)} - 2m_{001}^{(20)}m_{021}^{(11)}m_{302}^{(10)} + m_{001}^{(20)}m_{021}^{(11)}m_{212}^{(00)}\\
&-2m_{001}^{(20)}m_{021}^{(20)}m_{320}^{(21)} + 4m_{001}^{(20)}m_{021}^{(20)}m_{311}^{(11)} + 2m_{001}^{(20)}m_{021}^{(20)}m_{230}^{(20)} - 6m_{001}^{(20)}m_{021}^{(20)}m_{221}^{(10)}\\
&+2m_{001}^{(20)}m_{021}^{(20)}m_{131}^{(00)} + 2m_{001}^{(20)}m_{021}^{(21)}m_{410}^{(21)} - 2m_{001}^{(20)}m_{021}^{(21)}m_{401}^{(11)} - 2m_{001}^{(20)}m_{021}^{(21)}m_{320}^{(20)}\\
&+2m_{001}^{(20)}m_{021}^{(21)}m_{311}^{(10)} - m_{001}^{(20)}m_{021}^{(22)}m_{410}^{(11)} + 2m_{001}^{(20)}m_{021}^{(22)}m_{320}^{(10)} - m_{001}^{(20)}m_{021}^{(22)}m_{230}^{(00)}\\
&-m_{001}^{(20)}m_{012}^{(00)}m_{230}^{(21)} + m_{001}^{(20)}m_{012}^{(00)}m_{221}^{(11)} + m_{001}^{(20)}m_{012}^{(00)}m_{140}^{(20)} - m_{001}^{(20)}m_{012}^{(00)}m_{131}^{(10)}\\
&+2m_{001}^{(20)}m_{012}^{(10)}m_{320}^{(21)} - m_{001}^{(20)}m_{012}^{(10)}m_{311}^{(11)} - 2m_{001}^{(20)}m_{012}^{(10)}m_{230}^{(20)} + m_{001}^{(20)}m_{012}^{(10)}m_{131}^{(00)}\\
&-m_{001}^{(20)}m_{012}^{(11)}m_{410}^{(21)} + m_{001}^{(20)}m_{012}^{(11)}m_{320}^{(20)} + m_{001}^{(20)}m_{012}^{(11)}m_{311}^{(10)} - m_{001}^{(20)}m_{012}^{(11)}m_{221}^{(00)}\\
&-m_{001}^{(20)}m_{012}^{(20)}m_{320}^{(11)} + 2m_{001}^{(20)}m_{012}^{(20)}m_{230}^{(10)} - m_{001}^{(20)}m_{012}^{(20)}m_{140}^{(00)} + m_{001}^{(20)}m_{012}^{(21)}m_{410}^{(11)}\\
&-2m_{001}^{(20)}m_{012}^{(21)}m_{320}^{(10)} + m_{001}^{(20)}m_{012}^{(21)}m_{230}^{(00)} + m_{001}^{(21)}m_{300}^{(10)}m_{131}^{(22)} - m_{001}^{(21)}m_{300}^{(10)}m_{113}^{(11)}\\
&-2m_{001}^{(21)}m_{300}^{(10)}m_{032}^{(20)} + 2m_{001}^{(21)}m_{300}^{(10)}m_{023}^{(10)} - m_{001}^{(21)}m_{300}^{(11)}m_{221}^{(22)} - m_{001}^{(21)}m_{300}^{(11)}m_{212}^{(21)}\\
&+3m_{001}^{(21)}m_{300}^{(11)}m_{122}^{(20)} + m_{001}^{(21)}m_{300}^{(11)}m_{113}^{(10)} - 2m_{001}^{(21)}m_{300}^{(11)}m_{023}^{(00)} - m_{001}^{(21)}m_{300}^{(20)}m_{140}^{(22)}
\end{aligned}
$$

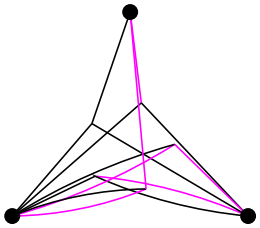
$$+m_{001}^{(21)}m_{300}^{(20)}m_{122}^{(11)}+2m_{001}^{(21)}m_{300}^{(20)}m_{041}^{(20)}-2m_{001}^{(21)}m_{300}^{(20)}m_{032}^{(10)}+m_{001}^{(21)}m_{300}^{(21)}m_{230}^{(22)}$$
$$+2m_{001}^{(21)}m_{300}^{(21)}m_{221}^{(21)}+m_{001}^{(21)}m_{300}^{(21)}m_{212}^{(11)}-4m_{001}^{(21)}m_{300}^{(21)}m_{131}^{(20)}-4m_{001}^{(21)}m_{300}^{(21)}m_{122}^{(10)}$$
$$+4m_{001}^{(21)}m_{300}^{(21)}m_{032}^{(00)}-m_{001}^{(21)}m_{300}^{(22)}m_{230}^{(21)}-m_{001}^{(21)}m_{300}^{(22)}m_{221}^{(11)}+m_{001}^{(21)}m_{300}^{(22)}m_{140}^{(20)}$$
$$+3m_{001}^{(21)}m_{300}^{(22)}m_{131}^{(10)}-2m_{001}^{(21)}m_{300}^{(22)}m_{041}^{(00)}-m_{001}^{(21)}m_{210}^{(00)}m_{131}^{(22)}+m_{001}^{(21)}m_{210}^{(00)}m_{113}^{(11)}$$
$$+2m_{001}^{(21)}m_{210}^{(00)}m_{032}^{(20)}-2m_{001}^{(21)}m_{210}^{(00)}m_{023}^{(10)}-m_{001}^{(21)}m_{210}^{(10)}m_{221}^{(22)}+2m_{001}^{(21)}m_{210}^{(10)}m_{212}^{(21)}$$
$$+m_{001}^{(21)}m_{210}^{(10)}m_{203}^{(11)}-4m_{001}^{(21)}m_{210}^{(10)}m_{113}^{(10)}+2m_{001}^{(21)}m_{210}^{(10)}m_{023}^{(00)}+2m_{001}^{(21)}m_{210}^{(11)}m_{311}^{(22)}$$
$$+m_{001}^{(21)}m_{210}^{(11)}m_{302}^{(21)}-5m_{001}^{(21)}m_{210}^{(11)}m_{212}^{(20)}-m_{001}^{(21)}m_{210}^{(11)}m_{203}^{(10)}+3m_{001}^{(21)}m_{210}^{(11)}m_{113}^{(00)}$$
$$+3m_{001}^{(21)}m_{210}^{(20)}m_{230}^{(22)}-2m_{001}^{(21)}m_{210}^{(20)}m_{221}^{(21)}-3m_{001}^{(21)}m_{210}^{(20)}m_{212}^{(11)}-4m_{001}^{(21)}m_{210}^{(20)}m_{131}^{(20)}$$
$$+8m_{001}^{(21)}m_{210}^{(20)}m_{122}^{(10)}-2m_{001}^{(21)}m_{210}^{(20)}m_{032}^{(00)}-3m_{001}^{(21)}m_{210}^{(21)}m_{320}^{(22)}-4m_{001}^{(21)}m_{210}^{(21)}m_{311}^{(21)}$$
$$-m_{001}^{(21)}m_{210}^{(21)}m_{302}^{(11)}+10m_{001}^{(21)}m_{210}^{(21)}m_{221}^{(20)}+6m_{001}^{(21)}m_{210}^{(21)}m_{212}^{(10)}-8m_{001}^{(21)}m_{210}^{(21)}m_{122}^{(00)}$$
$$+3m_{001}^{(21)}m_{210}^{(22)}m_{320}^{(21)}+2m_{001}^{(21)}m_{210}^{(22)}m_{311}^{(11)}-3m_{001}^{(21)}m_{210}^{(22)}m_{230}^{(20)}-7m_{001}^{(21)}m_{210}^{(22)}m_{221}^{(10)}$$
$$+5m_{001}^{(21)}m_{210}^{(22)}m_{131}^{(00)}+m_{001}^{(21)}m_{201}^{(00)}m_{140}^{(22)}-m_{001}^{(21)}m_{201}^{(00)}m_{122}^{(11)}-2m_{001}^{(21)}m_{201}^{(00)}m_{041}^{(20)}$$
$$+2m_{001}^{(21)}m_{201}^{(00)}m_{032}^{(10)}-2m_{001}^{(21)}m_{201}^{(10)}m_{230}^{(22)}-2m_{001}^{(21)}m_{201}^{(10)}m_{221}^{(21)}+2m_{001}^{(21)}m_{201}^{(10)}m_{212}^{(11)}$$
$$+6m_{001}^{(21)}m_{201}^{(10)}m_{131}^{(20)}-2m_{001}^{(21)}m_{201}^{(10)}m_{122}^{(10)}-2m_{001}^{(21)}m_{201}^{(10)}m_{032}^{(00)}+m_{001}^{(21)}m_{201}^{(11)}m_{320}^{(22)}$$
$$+2m_{001}^{(21)}m_{201}^{(11)}m_{311}^{(21)}-4m_{001}^{(21)}m_{201}^{(11)}m_{221}^{(20)}-2m_{001}^{(21)}m_{201}^{(11)}m_{212}^{(10)}+3m_{001}^{(21)}m_{201}^{(11)}m_{122}^{(00)}$$
$$+2m_{001}^{(21)}m_{201}^{(20)}m_{230}^{(21)}-2m_{001}^{(21)}m_{201}^{(20)}m_{140}^{(20)}-2m_{001}^{(21)}m_{201}^{(20)}m_{131}^{(10)}+2m_{001}^{(21)}m_{201}^{(20)}m_{041}^{(00)}$$
$$-2m_{001}^{(21)}m_{201}^{(21)}m_{320}^{(21)}-2m_{001}^{(21)}m_{201}^{(21)}m_{311}^{(11)}+2m_{001}^{(21)}m_{201}^{(21)}m_{230}^{(20)}+6m_{001}^{(21)}m_{201}^{(21)}m_{221}^{(10)}$$
$$-4m_{001}^{(21)}m_{201}^{(21)}m_{131}^{(00)}+m_{001}^{(21)}m_{201}^{(22)}m_{320}^{(11)}-2m_{001}^{(21)}m_{201}^{(22)}m_{230}^{(10)}+m_{001}^{(21)}m_{201}^{(22)}m_{140}^{(00)}$$
$$+2m_{001}^{(21)}m_{120}^{(00)}m_{221}^{(22)}-m_{001}^{(21)}m_{120}^{(00)}m_{212}^{(21)}-m_{001}^{(21)}m_{120}^{(00)}m_{203}^{(11)}-3m_{001}^{(21)}m_{120}^{(00)}m_{122}^{(20)}$$
$$+3m_{001}^{(21)}m_{120}^{(00)}m_{113}^{(10)}-m_{001}^{(21)}m_{120}^{(10)}m_{311}^{(22)}-2m_{001}^{(21)}m_{120}^{(10)}m_{302}^{(21)}+4m_{001}^{(21)}m_{120}^{(10)}m_{212}^{(20)}$$
$$+2m_{001}^{(21)}m_{120}^{(10)}m_{203}^{(10)}-3m_{001}^{(21)}m_{120}^{(10)}m_{113}^{(00)}-m_{001}^{(21)}m_{120}^{(11)}m_{401}^{(22)}+2m_{001}^{(21)}m_{120}^{(11)}m_{302}^{(20)}$$
$$-m_{001}^{(21)}m_{120}^{(11)}m_{203}^{(00)}-3m_{001}^{(21)}m_{120}^{(20)}m_{320}^{(22)}+4m_{001}^{(21)}m_{120}^{(20)}m_{311}^{(21)}+2m_{001}^{(21)}m_{120}^{(20)}m_{302}^{(11)}$$
$$+2m_{001}^{(21)}m_{120}^{(20)}m_{221}^{(20)}-8m_{001}^{(21)}m_{120}^{(20)}m_{212}^{(10)}+3m_{001}^{(21)}m_{120}^{(20)}m_{122}^{(00)}+3m_{001}^{(21)}m_{120}^{(21)}m_{410}^{(22)}$$
$$+2m_{001}^{(21)}m_{120}^{(21)}m_{401}^{(21)}-8m_{001}^{(21)}m_{120}^{(21)}m_{311}^{(20)}-2m_{001}^{(21)}m_{120}^{(21)}m_{302}^{(10)}+5m_{001}^{(21)}m_{120}^{(21)}m_{212}^{(00)}$$
$$-3m_{001}^{(21)}m_{120}^{(22)}m_{410}^{(21)}-m_{001}^{(21)}m_{120}^{(22)}m_{401}^{(11)}+3m_{001}^{(21)}m_{120}^{(22)}m_{320}^{(20)}+5m_{001}^{(21)}m_{120}^{(22)}m_{311}^{(10)}$$
$$-4m_{001}^{(21)}m_{120}^{(22)}m_{221}^{(00)}-2m_{001}^{(21)}m_{111}^{(00)}m_{230}^{(22)}+2m_{001}^{(21)}m_{111}^{(00)}m_{221}^{(21)}+2m_{001}^{(21)}m_{111}^{(00)}m_{131}^{(20)}$$
$$-2m_{001}^{(21)}m_{111}^{(00)}m_{122}^{(10)}+4m_{001}^{(21)}m_{111}^{(10)}m_{320}^{(22)}-2m_{001}^{(21)}m_{111}^{(10)}m_{302}^{(11)}-8m_{001}^{(21)}m_{111}^{(10)}m_{221}^{(20)}$$
$$+4m_{001}^{(21)}m_{111}^{(10)}m_{212}^{(10)}+2m_{001}^{(21)}m_{111}^{(10)}m_{122}^{(00)}-2m_{001}^{(21)}m_{111}^{(11)}m_{410}^{(22)}-2m_{001}^{(21)}m_{111}^{(11)}m_{401}^{(21)}$$
$$+6m_{001}^{(21)}m_{111}^{(11)}m_{311}^{(20)}+2m_{001}^{(21)}m_{111}^{(11)}m_{302}^{(10)}-4m_{001}^{(21)}m_{111}^{(11)}m_{212}^{(00)}-4m_{001}^{(21)}m_{111}^{(20)}m_{320}^{(21)}$$
$$+2m_{001}^{(21)}m_{111}^{(20)}m_{311}^{(11)}+4m_{001}^{(21)}m_{111}^{(20)}m_{230}^{(20)}-2m_{001}^{(21)}m_{111}^{(20)}m_{131}^{(00)}+4m_{001}^{(21)}m_{111}^{(21)}m_{410}^{(21)}$$
$$+2m_{001}^{(21)}m_{111}^{(21)}m_{401}^{(11)}-4m_{001}^{(21)}m_{111}^{(21)}m_{320}^{(20)}-8m_{001}^{(21)}m_{111}^{(21)}m_{311}^{(10)}+6m_{001}^{(21)}m_{111}^{(21)}m_{221}^{(00)}$$
$$-2m_{001}^{(21)}m_{111}^{(22)}m_{410}^{(11)}+4m_{001}^{(21)}m_{111}^{(22)}m_{320}^{(10)}-2m_{001}^{(21)}m_{111}^{(22)}m_{230}^{(00)}-m_{001}^{(21)}m_{102}^{(00)}m_{230}^{(21)}$$
$$+m_{001}^{(21)}m_{102}^{(00)}m_{221}^{(11)}+m_{001}^{(21)}m_{102}^{(00)}m_{140}^{(20)}-m_{001}^{(21)}m_{102}^{(00)}m_{131}^{(10)}+2m_{001}^{(21)}m_{102}^{(10)}m_{320}^{(21)}$$
$$-m_{001}^{(21)}m_{102}^{(10)}m_{311}^{(11)}-2m_{001}^{(21)}m_{102}^{(10)}m_{230}^{(20)}+m_{001}^{(21)}m_{102}^{(10)}m_{131}^{(00)}-m_{001}^{(21)}m_{102}^{(11)}m_{410}^{(21)}$$
$$+m_{001}^{(21)}m_{102}^{(11)}m_{320}^{(20)}+m_{001}^{(21)}m_{102}^{(11)}m_{311}^{(10)}-m_{001}^{(21)}m_{102}^{(11)}m_{221}^{(00)}-m_{001}^{(21)}m_{102}^{(20)}m_{320}^{(11)}$$
$$+2m_{001}^{(21)}m_{102}^{(20)}m_{230}^{(10)}-m_{001}^{(21)}m_{102}^{(20)}m_{140}^{(00)}+m_{001}^{(21)}m_{102}^{(21)}m_{410}^{(11)}-2m_{001}^{(21)}m_{102}^{(21)}m_{320}^{(10)}$$
$$+m_{001}^{(21)}m_{102}^{(21)}m_{230}^{(00)}-m_{001}^{(21)}m_{030}^{(00)}m_{311}^{(22)}+m_{001}^{(21)}m_{030}^{(00)}m_{302}^{(21)}+m_{001}^{(21)}m_{030}^{(00)}m_{212}^{(20)}$$
$$-m_{001}^{(21)}m_{030}^{(00)}m_{203}^{(10)}+m_{001}^{(21)}m_{030}^{(10)}m_{401}^{(22)}-2m_{001}^{(21)}m_{030}^{(10)}m_{302}^{(20)}+m_{001}^{(21)}m_{030}^{(10)}m_{203}^{(00)}$$

$$
\begin{aligned}
&+m_{001}^{(21)}m_{030}^{(20)}m_{410}^{(22)} - 2m_{001}^{(21)}m_{030}^{(20)}m_{401}^{(21)} + 2m_{001}^{(21)}m_{030}^{(20)}m_{302}^{(10)} - m_{001}^{(21)}m_{030}^{(20)}m_{212}^{(00)}\\
&-m_{001}^{(21)}m_{030}^{(21)}m_{500}^{(22)} + 2m_{001}^{(21)}m_{030}^{(21)}m_{401}^{(20)} - m_{001}^{(21)}m_{030}^{(21)}m_{302}^{(00)} + m_{001}^{(21)}m_{030}^{(22)}m_{500}^{(21)}\\
&-m_{001}^{(21)}m_{030}^{(22)}m_{410}^{(20)} - m_{001}^{(21)}m_{030}^{(22)}m_{401}^{(10)} + m_{001}^{(21)}m_{030}^{(22)}m_{311}^{(00)} + m_{001}^{(21)}m_{021}^{(00)}m_{320}^{(22)}\\
&-2m_{001}^{(21)}m_{021}^{(00)}m_{311}^{(21)} + m_{001}^{(21)}m_{021}^{(00)}m_{302}^{(11)} - 2m_{001}^{(21)}m_{021}^{(10)}m_{410}^{(22)} + 2m_{001}^{(21)}m_{021}^{(10)}m_{401}^{(21)}\\
&+2m_{001}^{(21)}m_{021}^{(10)}m_{311}^{(20)} - 2m_{001}^{(21)}m_{021}^{(10)}m_{302}^{(10)} + m_{001}^{(21)}m_{021}^{(11)}m_{500}^{(22)} - 2m_{001}^{(21)}m_{021}^{(11)}m_{401}^{(20)}\\
&+m_{001}^{(21)}m_{021}^{(11)}m_{302}^{(00)} + 2m_{001}^{(21)}m_{021}^{(20)}m_{410}^{(21)} - 2m_{001}^{(21)}m_{021}^{(20)}m_{401}^{(11)} - 2m_{001}^{(21)}m_{021}^{(20)}m_{320}^{(20)}\\
&+2m_{001}^{(21)}m_{021}^{(20)}m_{311}^{(10)} - 2m_{001}^{(21)}m_{021}^{(21)}m_{500}^{(21)} + 2m_{001}^{(21)}m_{021}^{(21)}m_{410}^{(20)} + 2m_{001}^{(21)}m_{021}^{(21)}m_{401}^{(10)}\\
&-2m_{001}^{(21)}m_{021}^{(21)}m_{311}^{(00)} + m_{001}^{(21)}m_{021}^{(22)}m_{500}^{(11)} - 2m_{001}^{(21)}m_{021}^{(22)}m_{410}^{(10)} + m_{001}^{(21)}m_{021}^{(22)}m_{320}^{(00)}\\
&+m_{001}^{(21)}m_{012}^{(00)}m_{320}^{(21)} - m_{001}^{(21)}m_{012}^{(00)}m_{311}^{(11)} - m_{001}^{(21)}m_{012}^{(00)}m_{230}^{(20)} + m_{001}^{(21)}m_{012}^{(00)}m_{221}^{(10)}\\
&-2m_{001}^{(21)}m_{012}^{(10)}m_{410}^{(21)} + m_{001}^{(21)}m_{012}^{(10)}m_{401}^{(11)} + 2m_{001}^{(21)}m_{012}^{(10)}m_{320}^{(20)} - m_{001}^{(21)}m_{012}^{(10)}m_{221}^{(00)}\\
&+m_{001}^{(21)}m_{012}^{(11)}m_{500}^{(21)} - m_{001}^{(21)}m_{012}^{(11)}m_{410}^{(20)} - m_{001}^{(21)}m_{012}^{(11)}m_{401}^{(10)} + m_{001}^{(21)}m_{012}^{(11)}m_{311}^{(00)}\\
&+m_{001}^{(21)}m_{012}^{(20)}m_{410}^{(11)} - 2m_{001}^{(21)}m_{012}^{(20)}m_{320}^{(10)} + m_{001}^{(21)}m_{012}^{(20)}m_{230}^{(00)} - m_{001}^{(21)}m_{012}^{(21)}m_{500}^{(11)}\\
&+2m_{001}^{(21)}m_{012}^{(21)}m_{410}^{(10)} - m_{001}^{(21)}m_{012}^{(21)}m_{320}^{(00)} - m_{001}^{(22)}m_{300}^{(10)}m_{131}^{(21)} + m_{001}^{(22)}m_{300}^{(10)}m_{122}^{(11)}\\
&+m_{001}^{(22)}m_{300}^{(10)}m_{041}^{(20)} - m_{001}^{(22)}m_{300}^{(10)}m_{032}^{(10)} + m_{001}^{(22)}m_{300}^{(11)}m_{221}^{(21)} - m_{001}^{(22)}m_{300}^{(11)}m_{131}^{(20)}\\
&-m_{001}^{(22)}m_{300}^{(11)}m_{122}^{(10)} + m_{001}^{(22)}m_{300}^{(11)}m_{032}^{(00)} + m_{001}^{(22)}m_{300}^{(20)}m_{140}^{(21)} - m_{001}^{(22)}m_{300}^{(20)}m_{131}^{(11)}\\
&-m_{001}^{(22)}m_{300}^{(20)}m_{050}^{(20)} + m_{001}^{(22)}m_{300}^{(20)}m_{041}^{(10)} - m_{001}^{(22)}m_{300}^{(21)}m_{230}^{(21)} - m_{001}^{(22)}m_{300}^{(21)}m_{221}^{(11)}\\
&+m_{001}^{(22)}m_{300}^{(21)}m_{140}^{(20)} + 3m_{001}^{(22)}m_{300}^{(21)}m_{131}^{(10)} - 2m_{001}^{(22)}m_{300}^{(21)}m_{041}^{(00)} + m_{001}^{(22)}m_{300}^{(22)}m_{230}^{(11)}\\
&-2m_{001}^{(22)}m_{300}^{(22)}m_{140}^{(10)} + m_{001}^{(22)}m_{300}^{(22)}m_{050}^{(00)} + m_{001}^{(22)}m_{210}^{(00)}m_{131}^{(11)} - m_{001}^{(22)}m_{210}^{(00)}m_{122}^{(11)}\\
&-m_{001}^{(22)}m_{210}^{(00)}m_{041}^{(20)} + m_{001}^{(22)}m_{210}^{(00)}m_{032}^{(10)} + m_{001}^{(22)}m_{210}^{(10)}m_{221}^{(21)} - 2m_{001}^{(22)}m_{210}^{(10)}m_{212}^{(11)}\\
&-m_{001}^{(22)}m_{210}^{(10)}m_{131}^{(20)} + 3m_{001}^{(22)}m_{210}^{(10)}m_{122}^{(10)} - m_{001}^{(22)}m_{210}^{(10)}m_{032}^{(00)} - 2m_{001}^{(22)}m_{210}^{(11)}m_{311}^{(21)}\\
&+2m_{001}^{(22)}m_{210}^{(11)}m_{221}^{(20)} + 2m_{001}^{(22)}m_{210}^{(11)}m_{212}^{(10)} - 2m_{001}^{(22)}m_{210}^{(11)}m_{122}^{(00)} - 3m_{001}^{(22)}m_{210}^{(20)}m_{230}^{(21)}\\
&+4m_{001}^{(22)}m_{210}^{(20)}m_{221}^{(11)} + 3m_{001}^{(22)}m_{210}^{(20)}m_{140}^{(20)} - 5m_{001}^{(22)}m_{210}^{(20)}m_{131}^{(10)} + m_{001}^{(22)}m_{210}^{(20)}m_{041}^{(00)}\\
&+3m_{001}^{(22)}m_{210}^{(21)}m_{320}^{(21)} + 2m_{001}^{(22)}m_{210}^{(21)}m_{311}^{(11)} - 3m_{001}^{(22)}m_{210}^{(21)}m_{230}^{(20)} - 7m_{001}^{(22)}m_{210}^{(21)}m_{221}^{(10)}\\
&+5m_{001}^{(22)}m_{210}^{(21)}m_{131}^{(00)} - 3m_{001}^{(22)}m_{210}^{(22)}m_{320}^{(11)} + 6m_{001}^{(22)}m_{210}^{(22)}m_{230}^{(10)} - 3m_{001}^{(22)}m_{210}^{(22)}m_{140}^{(00)}\\
&-m_{001}^{(22)}m_{201}^{(00)}m_{140}^{(21)} + m_{001}^{(22)}m_{201}^{(00)}m_{131}^{(11)} + m_{001}^{(22)}m_{201}^{(00)}m_{050}^{(20)} - m_{001}^{(22)}m_{201}^{(00)}m_{041}^{(10)}\\
&+2m_{001}^{(22)}m_{201}^{(10)}m_{230}^{(21)} - m_{001}^{(22)}m_{201}^{(10)}m_{221}^{(11)} - 2m_{001}^{(22)}m_{201}^{(10)}m_{140}^{(20)} + m_{001}^{(22)}m_{201}^{(10)}m_{041}^{(00)}\\
&-m_{001}^{(22)}m_{201}^{(11)}m_{320}^{(21)} + m_{001}^{(22)}m_{201}^{(11)}m_{230}^{(20)} + m_{001}^{(22)}m_{201}^{(11)}m_{221}^{(10)} - m_{001}^{(22)}m_{201}^{(11)}m_{131}^{(00)}\\
&-m_{001}^{(22)}m_{201}^{(20)}m_{230}^{(11)} + 2m_{001}^{(22)}m_{201}^{(20)}m_{140}^{(10)} - m_{001}^{(22)}m_{201}^{(20)}m_{050}^{(00)} + m_{001}^{(22)}m_{201}^{(21)}m_{320}^{(11)}\\
&-2m_{001}^{(22)}m_{201}^{(21)}m_{230}^{(10)} + m_{001}^{(22)}m_{201}^{(21)}m_{140}^{(00)} - 2m_{001}^{(22)}m_{120}^{(00)}m_{221}^{(21)} + 2m_{001}^{(22)}m_{120}^{(00)}m_{212}^{(11)}\\
&+2m_{001}^{(22)}m_{120}^{(00)}m_{131}^{(20)} - 2m_{001}^{(22)}m_{120}^{(00)}m_{122}^{(10)} + m_{001}^{(22)}m_{120}^{(10)}m_{311}^{(21)} + m_{001}^{(22)}m_{120}^{(10)}m_{302}^{(11)}\\
&-m_{001}^{(22)}m_{120}^{(10)}m_{221}^{(20)} - 3m_{001}^{(22)}m_{120}^{(10)}m_{212}^{(10)} + 2m_{001}^{(22)}m_{120}^{(10)}m_{122}^{(00)} + m_{001}^{(22)}m_{120}^{(11)}m_{401}^{(21)}\\
&-m_{001}^{(22)}m_{120}^{(11)}m_{311}^{(20)} - m_{001}^{(22)}m_{120}^{(11)}m_{302}^{(10)} + m_{001}^{(22)}m_{120}^{(11)}m_{212}^{(00)} + 3m_{001}^{(22)}m_{120}^{(20)}m_{320}^{(21)}\\
&-5m_{001}^{(22)}m_{120}^{(20)}m_{311}^{(11)} - 3m_{001}^{(22)}m_{120}^{(20)}m_{230}^{(20)} + 7m_{001}^{(22)}m_{120}^{(20)}m_{221}^{(10)} - 2m_{001}^{(22)}m_{120}^{(20)}m_{131}^{(00)}\\
&-3m_{001}^{(22)}m_{120}^{(21)}m_{410}^{(21)} - m_{001}^{(22)}m_{120}^{(21)}m_{401}^{(11)} + 3m_{001}^{(22)}m_{120}^{(21)}m_{320}^{(20)} + 5m_{001}^{(22)}m_{120}^{(21)}m_{311}^{(10)}\\
&-4m_{001}^{(22)}m_{120}^{(21)}m_{221}^{(00)} + 3m_{001}^{(22)}m_{120}^{(22)}m_{410}^{(11)} - 6m_{001}^{(22)}m_{120}^{(22)}m_{320}^{(10)} + 3m_{001}^{(22)}m_{120}^{(22)}m_{230}^{(00)}\\
&+2m_{001}^{(22)}m_{111}^{(00)}m_{230}^{(21)} - 2m_{001}^{(22)}m_{111}^{(00)}m_{221}^{(11)} - 2m_{001}^{(22)}m_{111}^{(00)}m_{140}^{(20)} + 2m_{001}^{(22)}m_{111}^{(00)}m_{131}^{(10)}\\
&-4m_{001}^{(22)}m_{111}^{(10)}m_{320}^{(21)} + 2m_{001}^{(22)}m_{111}^{(10)}m_{311}^{(11)} + 4m_{001}^{(22)}m_{111}^{(10)}m_{230}^{(20)} - 2m_{001}^{(22)}m_{111}^{(10)}m_{131}^{(00)}\\
&+2m_{001}^{(22)}m_{111}^{(11)}m_{410}^{(21)} - 2m_{001}^{(22)}m_{111}^{(11)}m_{320}^{(20)} - 2m_{001}^{(22)}m_{111}^{(11)}m_{311}^{(10)} + 2m_{001}^{(22)}m_{111}^{(11)}m_{221}^{(00)}
\end{aligned}
$$

$$
\begin{aligned}
&+2m_{001}^{(22)}m_{111}^{(20)}m_{320}^{(11)} - 4m_{001}^{(22)}m_{111}^{(20)}m_{230}^{(10)} + 2m_{001}^{(22)}m_{111}^{(20)}m_{140}^{(00)} - 2m_{001}^{(22)}m_{111}^{(21)}m_{410}^{(11)}\\
&+4m_{001}^{(22)}m_{111}^{(21)}m_{320}^{(10)} - 2m_{001}^{(22)}m_{111}^{(21)}m_{230}^{(00)} + m_{001}^{(22)}m_{030}^{(00)}m_{311}^{(21)} - m_{001}^{(22)}m_{030}^{(00)}m_{302}^{(11)}\\
&-m_{001}^{(22)}m_{030}^{(00)}m_{221}^{(20)} + m_{001}^{(22)}m_{030}^{(00)}m_{212}^{(10)} - m_{001}^{(22)}m_{030}^{(10)}m_{401}^{(21)} + m_{001}^{(22)}m_{030}^{(10)}m_{311}^{(20)}\\
&+m_{001}^{(22)}m_{030}^{(10)}m_{302}^{(10)} - m_{001}^{(22)}m_{030}^{(10)}m_{212}^{(00)} - m_{001}^{(22)}m_{030}^{(20)}m_{410}^{(21)} + 2m_{001}^{(22)}m_{030}^{(20)}m_{401}^{(11)}\\
&+m_{001}^{(22)}m_{030}^{(20)}m_{320}^{(20)} - 3m_{001}^{(22)}m_{030}^{(20)}m_{311}^{(10)} + m_{001}^{(22)}m_{030}^{(20)}m_{221}^{(00)} + m_{001}^{(22)}m_{030}^{(21)}m_{500}^{(21)}\\
&-m_{001}^{(22)}m_{030}^{(21)}m_{410}^{(20)} - m_{001}^{(22)}m_{030}^{(21)}m_{401}^{(10)} + m_{001}^{(22)}m_{030}^{(21)}m_{311}^{(00)} - m_{001}^{(22)}m_{030}^{(22)}m_{500}^{(11)}\\
&+2m_{001}^{(22)}m_{030}^{(22)}m_{410}^{(10)} - m_{001}^{(22)}m_{030}^{(22)}m_{320}^{(00)} - m_{001}^{(22)}m_{021}^{(00)}m_{320}^{(21)} + m_{001}^{(22)}m_{021}^{(00)}m_{311}^{(11)}\\
&+m_{001}^{(22)}m_{021}^{(00)}m_{230}^{(20)} - m_{001}^{(22)}m_{021}^{(00)}m_{221}^{(10)} + 2m_{001}^{(22)}m_{021}^{(10)}m_{410}^{(21)} - m_{001}^{(22)}m_{021}^{(10)}m_{401}^{(11)}\\
&-2m_{001}^{(22)}m_{021}^{(10)}m_{320}^{(20)} + m_{001}^{(22)}m_{021}^{(10)}m_{221}^{(00)} - m_{001}^{(22)}m_{021}^{(11)}m_{500}^{(21)} + m_{001}^{(22)}m_{021}^{(11)}m_{410}^{(20)}\\
&+m_{001}^{(22)}m_{021}^{(11)}m_{401}^{(10)} - m_{001}^{(22)}m_{021}^{(11)}m_{311}^{(00)} - m_{001}^{(22)}m_{021}^{(20)}m_{410}^{(11)} + 2m_{001}^{(22)}m_{021}^{(20)}m_{320}^{(10)}\\
&-m_{001}^{(22)}m_{021}^{(20)}m_{230}^{(00)} + m_{001}^{(22)}m_{021}^{(21)}m_{500}^{(11)} - 2m_{001}^{(22)}m_{021}^{(21)}m_{410}^{(10)} + m_{001}^{(22)}m_{021}^{(21)}m_{320}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{ccccc}
V1 & V1 & 1 & 1 & 1\\
1 & 1 & V2 & 2 & V3\\
V2 & V3 & 3 & 3 & 3
\end{array}
$$



$$
\begin{aligned}
T_{180} \;=\;& -m_{100}^{(00)}m_{120}^{(10)}m_{023}^{(22)} + 2m_{100}^{(00)}m_{120}^{(10)}m_{014}^{(21)} - m_{100}^{(00)}m_{120}^{(10)}m_{005}^{(11)} + m_{100}^{(00)}m_{120}^{(11)}m_{113}^{(22)}\\
&-m_{100}^{(00)}m_{120}^{(11)}m_{104}^{(21)} - m_{100}^{(00)}m_{120}^{(11)}m_{014}^{(20)} + m_{100}^{(00)}m_{120}^{(11)}m_{005}^{(10)} + m_{100}^{(00)}m_{120}^{(20)}m_{032}^{(22)}\\
&-2m_{100}^{(00)}m_{120}^{(20)}m_{023}^{(21)} + m_{100}^{(00)}m_{120}^{(20)}m_{014}^{(11)} - m_{100}^{(00)}m_{120}^{(21)}m_{122}^{(22)} + m_{100}^{(00)}m_{120}^{(21)}m_{104}^{(11)}\\
&+2m_{100}^{(00)}m_{120}^{(21)}m_{023}^{(20)} - 2m_{100}^{(00)}m_{120}^{(21)}m_{014}^{(10)} + m_{100}^{(00)}m_{120}^{(22)}m_{122}^{(21)} - m_{100}^{(00)}m_{120}^{(22)}m_{113}^{(11)}\\
&-m_{100}^{(00)}m_{120}^{(22)}m_{032}^{(20)} + m_{100}^{(00)}m_{120}^{(22)}m_{023}^{(10)} + 2m_{100}^{(00)}m_{111}^{(10)}m_{032}^{(22)} - 4m_{100}^{(00)}m_{111}^{(10)}m_{023}^{(21)}\\
&+2m_{100}^{(00)}m_{111}^{(10)}m_{014}^{(11)} - 2m_{100}^{(00)}m_{111}^{(11)}m_{122}^{(22)} + 2m_{100}^{(00)}m_{111}^{(11)}m_{113}^{(21)} + 2m_{100}^{(00)}m_{111}^{(11)}m_{023}^{(20)}\\
&-2m_{100}^{(00)}m_{111}^{(11)}m_{014}^{(10)} - 2m_{100}^{(00)}m_{111}^{(20)}m_{041}^{(22)} + 4m_{100}^{(00)}m_{111}^{(20)}m_{032}^{(21)} - 2m_{100}^{(00)}m_{111}^{(20)}m_{023}^{(11)}\\
&+2m_{100}^{(00)}m_{111}^{(21)}m_{131}^{(22)} - 2m_{100}^{(00)}m_{111}^{(21)}m_{113}^{(11)} - 4m_{100}^{(00)}m_{111}^{(21)}m_{032}^{(20)} + 4m_{100}^{(00)}m_{111}^{(21)}m_{023}^{(10)}\\
&-2m_{100}^{(00)}m_{111}^{(22)}m_{131}^{(21)} + 2m_{100}^{(00)}m_{111}^{(22)}m_{122}^{(11)} + 2m_{100}^{(00)}m_{111}^{(22)}m_{041}^{(20)} - 2m_{100}^{(00)}m_{111}^{(22)}m_{032}^{(10)}\\
&-m_{100}^{(00)}m_{102}^{(10)}m_{041}^{(22)} + 2m_{100}^{(00)}m_{102}^{(10)}m_{032}^{(21)} - m_{100}^{(00)}m_{102}^{(10)}m_{023}^{(11)} + m_{100}^{(00)}m_{102}^{(11)}m_{131}^{(22)}\\
&-m_{100}^{(00)}m_{102}^{(11)}m_{122}^{(21)} - m_{100}^{(00)}m_{102}^{(11)}m_{032}^{(20)} + m_{100}^{(00)}m_{102}^{(11)}m_{023}^{(10)} + m_{100}^{(00)}m_{102}^{(20)}m_{050}^{(22)}\\
&-2m_{100}^{(00)}m_{102}^{(20)}m_{041}^{(21)} + m_{100}^{(00)}m_{102}^{(20)}m_{032}^{(11)} - m_{100}^{(00)}m_{102}^{(21)}m_{140}^{(22)} + m_{100}^{(00)}m_{102}^{(21)}m_{122}^{(11)}
\end{aligned}
$$

$$+2m_{100}^{(00)}m_{102}^{(21)}m_{041}^{(20)} - 2m_{100}^{(00)}m_{102}^{(21)}m_{032}^{(10)} + m_{100}^{(00)}m_{102}^{(22)}m_{140}^{(21)} - m_{100}^{(00)}m_{102}^{(22)}m_{131}^{(11)}$$
$$-m_{100}^{(00)}m_{102}^{(22)}m_{050}^{(20)} + m_{100}^{(00)}m_{102}^{(22)}m_{041}^{(10)} + m_{100}^{(00)}m_{030}^{(10)}m_{113}^{(22)} - m_{100}^{(00)}m_{030}^{(10)}m_{104}^{(21)}$$
$$-m_{100}^{(00)}m_{030}^{(10)}m_{014}^{(20)} + m_{100}^{(00)}m_{030}^{(10)}m_{005}^{(10)} - m_{100}^{(00)}m_{030}^{(11)}m_{203}^{(22)} + 2m_{100}^{(00)}m_{030}^{(11)}m_{104}^{(20)}$$
$$-m_{100}^{(00)}m_{030}^{(11)}m_{005}^{(00)} - m_{100}^{(00)}m_{030}^{(20)}m_{122}^{(22)} + m_{100}^{(00)}m_{030}^{(20)}m_{113}^{(21)} + m_{100}^{(00)}m_{030}^{(20)}m_{023}^{(20)}$$
$$-m_{100}^{(00)}m_{030}^{(20)}m_{014}^{(10)} + m_{100}^{(00)}m_{030}^{(21)}m_{212}^{(22)} + m_{100}^{(00)}m_{030}^{(21)}m_{203}^{(21)} - 3m_{100}^{(00)}m_{030}^{(21)}m_{113}^{(20)}$$
$$-m_{100}^{(00)}m_{030}^{(21)}m_{104}^{(10)} + 2m_{100}^{(00)}m_{030}^{(21)}m_{014}^{(00)} - m_{100}^{(00)}m_{030}^{(22)}m_{212}^{(21)} + m_{100}^{(00)}m_{030}^{(22)}m_{122}^{(20)}$$
$$+m_{100}^{(00)}m_{030}^{(22)}m_{113}^{(10)} - m_{100}^{(00)}m_{030}^{(22)}m_{023}^{(00)} - 2m_{100}^{(00)}m_{021}^{(10)}m_{122}^{(22)} + m_{100}^{(00)}m_{021}^{(10)}m_{113}^{(21)}$$
$$+m_{100}^{(00)}m_{021}^{(10)}m_{104}^{(11)} + 3m_{100}^{(00)}m_{021}^{(10)}m_{023}^{(20)} - 3m_{100}^{(00)}m_{021}^{(10)}m_{014}^{(10)} + 2m_{100}^{(00)}m_{021}^{(11)}m_{212}^{(22)}$$
$$+m_{100}^{(00)}m_{021}^{(11)}m_{203}^{(21)} - 5m_{100}^{(00)}m_{021}^{(11)}m_{113}^{(20)} - m_{100}^{(00)}m_{021}^{(11)}m_{104}^{(10)} + 3m_{100}^{(00)}m_{021}^{(11)}m_{014}^{(00)}$$
$$+2m_{100}^{(00)}m_{021}^{(20)}m_{131}^{(22)} - m_{100}^{(00)}m_{021}^{(20)}m_{122}^{(21)} - m_{100}^{(00)}m_{021}^{(20)}m_{113}^{(11)} - 3m_{100}^{(00)}m_{021}^{(20)}m_{032}^{(20)}$$
$$+3m_{100}^{(00)}m_{021}^{(20)}m_{023}^{(10)} - 2m_{100}^{(00)}m_{021}^{(21)}m_{221}^{(22)} - 3m_{100}^{(00)}m_{021}^{(21)}m_{212}^{(21)} - m_{100}^{(00)}m_{021}^{(21)}m_{203}^{(11)}$$
$$+7m_{100}^{(00)}m_{021}^{(21)}m_{122}^{(20)} + 5m_{100}^{(00)}m_{021}^{(21)}m_{113}^{(10)} - 6m_{100}^{(00)}m_{021}^{(21)}m_{023}^{(00)} + 2m_{100}^{(00)}m_{021}^{(22)}m_{221}^{(21)}$$
$$+m_{100}^{(00)}m_{021}^{(22)}m_{212}^{(11)} - 2m_{100}^{(00)}m_{021}^{(22)}m_{131}^{(20)} - 4m_{100}^{(00)}m_{021}^{(22)}m_{122}^{(10)} + 3m_{100}^{(00)}m_{021}^{(22)}m_{032}^{(00)}$$
$$+m_{100}^{(00)}m_{012}^{(10)}m_{131}^{(22)} + m_{100}^{(00)}m_{012}^{(10)}m_{122}^{(21)} - 2m_{100}^{(00)}m_{012}^{(10)}m_{113}^{(11)} - 3m_{100}^{(00)}m_{012}^{(10)}m_{032}^{(20)}$$
$$+3m_{100}^{(00)}m_{012}^{(10)}m_{023}^{(10)} - m_{100}^{(00)}m_{012}^{(11)}m_{221}^{(22)} - 2m_{100}^{(00)}m_{012}^{(11)}m_{212}^{(21)} + 4m_{100}^{(00)}m_{012}^{(11)}m_{122}^{(20)}$$
$$+2m_{100}^{(00)}m_{012}^{(11)}m_{113}^{(10)} - 3m_{100}^{(00)}m_{012}^{(11)}m_{023}^{(00)} - m_{100}^{(00)}m_{012}^{(20)}m_{140}^{(22)} - m_{100}^{(00)}m_{012}^{(20)}m_{131}^{(21)}$$
$$+2m_{100}^{(00)}m_{012}^{(20)}m_{122}^{(11)} + 3m_{100}^{(00)}m_{012}^{(20)}m_{041}^{(20)} - 3m_{100}^{(00)}m_{012}^{(20)}m_{032}^{(10)} + m_{100}^{(00)}m_{012}^{(21)}m_{230}^{(22)}$$
$$+3m_{100}^{(00)}m_{012}^{(21)}m_{221}^{(21)} + 2m_{100}^{(00)}m_{012}^{(21)}m_{212}^{(11)} - 5m_{100}^{(00)}m_{012}^{(21)}m_{131}^{(20)} - 7m_{100}^{(00)}m_{012}^{(21)}m_{122}^{(10)}$$
$$+6m_{100}^{(00)}m_{012}^{(21)}m_{032}^{(00)} - m_{100}^{(00)}m_{012}^{(22)}m_{230}^{(21)} - 2m_{100}^{(00)}m_{012}^{(22)}m_{221}^{(11)} + m_{100}^{(00)}m_{012}^{(22)}m_{140}^{(20)}$$
$$+5m_{100}^{(00)}m_{012}^{(22)}m_{131}^{(10)} - 3m_{100}^{(00)}m_{012}^{(22)}m_{041}^{(00)} - m_{100}^{(00)}m_{003}^{(10)}m_{131}^{(21)} + m_{100}^{(00)}m_{003}^{(10)}m_{122}^{(11)}$$
$$+m_{100}^{(00)}m_{003}^{(10)}m_{041}^{(20)} - m_{100}^{(00)}m_{003}^{(10)}m_{032}^{(10)} + m_{100}^{(00)}m_{003}^{(11)}m_{221}^{(21)} - m_{100}^{(00)}m_{003}^{(11)}m_{131}^{(20)}$$
$$-m_{100}^{(00)}m_{003}^{(11)}m_{122}^{(10)} + m_{100}^{(00)}m_{003}^{(11)}m_{032}^{(00)} + m_{100}^{(00)}m_{003}^{(20)}m_{140}^{(21)} - m_{100}^{(00)}m_{003}^{(20)}m_{131}^{(11)}$$
$$-m_{100}^{(00)}m_{003}^{(20)}m_{050}^{(20)} + m_{100}^{(00)}m_{003}^{(20)}m_{041}^{(10)} - m_{100}^{(00)}m_{003}^{(21)}m_{230}^{(21)} - m_{100}^{(00)}m_{003}^{(21)}m_{221}^{(11)}$$
$$+m_{100}^{(00)}m_{003}^{(21)}m_{140}^{(20)} + 3m_{100}^{(00)}m_{003}^{(21)}m_{131}^{(10)} - 2m_{100}^{(00)}m_{003}^{(21)}m_{041}^{(00)} + m_{100}^{(00)}m_{003}^{(22)}m_{230}^{(11)}$$
$$-2m_{100}^{(00)}m_{003}^{(22)}m_{140}^{(10)} + m_{100}^{(00)}m_{003}^{(22)}m_{050}^{(00)} + m_{100}^{(10)}m_{210}^{(10)}m_{023}^{(22)} - 2m_{100}^{(10)}m_{210}^{(10)}m_{014}^{(21)}$$
$$+m_{100}^{(10)}m_{210}^{(10)}m_{005}^{(11)} - m_{100}^{(10)}m_{210}^{(11)}m_{113}^{(22)} + m_{100}^{(10)}m_{210}^{(11)}m_{104}^{(21)} + m_{100}^{(10)}m_{210}^{(11)}m_{014}^{(20)}$$
$$-m_{100}^{(10)}m_{210}^{(11)}m_{005}^{(10)} - m_{100}^{(10)}m_{210}^{(20)}m_{032}^{(22)} + 2m_{100}^{(10)}m_{210}^{(20)}m_{023}^{(21)} - m_{100}^{(10)}m_{210}^{(20)}m_{014}^{(11)}$$
$$+m_{100}^{(10)}m_{210}^{(21)}m_{122}^{(22)} - m_{100}^{(10)}m_{210}^{(21)}m_{104}^{(11)} - 2m_{100}^{(10)}m_{210}^{(21)}m_{023}^{(20)} + 2m_{100}^{(10)}m_{210}^{(21)}m_{014}^{(10)}$$
$$-m_{100}^{(10)}m_{210}^{(22)}m_{122}^{(21)} + m_{100}^{(10)}m_{210}^{(22)}m_{113}^{(11)} + m_{100}^{(10)}m_{210}^{(22)}m_{032}^{(20)} - m_{100}^{(10)}m_{210}^{(22)}m_{023}^{(10)}$$
$$-m_{100}^{(10)}m_{201}^{(10)}m_{032}^{(22)} + 2m_{100}^{(10)}m_{201}^{(10)}m_{023}^{(21)} - m_{100}^{(10)}m_{201}^{(10)}m_{014}^{(11)} + m_{100}^{(10)}m_{201}^{(11)}m_{122}^{(22)}$$
$$-m_{100}^{(10)}m_{201}^{(11)}m_{113}^{(21)} - m_{100}^{(10)}m_{201}^{(11)}m_{023}^{(20)} + m_{100}^{(10)}m_{201}^{(11)}m_{014}^{(10)} + m_{100}^{(10)}m_{201}^{(20)}m_{041}^{(22)}$$
$$-2m_{100}^{(10)}m_{201}^{(20)}m_{032}^{(21)} + m_{100}^{(10)}m_{201}^{(20)}m_{023}^{(11)} - m_{100}^{(10)}m_{201}^{(21)}m_{131}^{(22)} + m_{100}^{(10)}m_{201}^{(21)}m_{113}^{(11)}$$
$$+2m_{100}^{(10)}m_{201}^{(21)}m_{032}^{(20)} - 2m_{100}^{(10)}m_{201}^{(21)}m_{023}^{(10)} + m_{100}^{(10)}m_{201}^{(22)}m_{131}^{(21)} - m_{100}^{(10)}m_{201}^{(22)}m_{122}^{(11)}$$
$$-m_{100}^{(10)}m_{201}^{(22)}m_{041}^{(20)} + m_{100}^{(10)}m_{201}^{(22)}m_{032}^{(10)} + m_{100}^{(10)}m_{120}^{(00)}m_{023}^{(22)} - 2m_{100}^{(10)}m_{120}^{(00)}m_{014}^{(21)}$$
$$+m_{100}^{(10)}m_{120}^{(00)}m_{005}^{(11)} - 2m_{100}^{(10)}m_{120}^{(10)}m_{113}^{(22)} + 2m_{100}^{(10)}m_{120}^{(10)}m_{104}^{(21)} + 2m_{100}^{(10)}m_{120}^{(10)}m_{014}^{(20)}$$
$$-2m_{100}^{(10)}m_{120}^{(10)}m_{005}^{(10)} + m_{100}^{(10)}m_{120}^{(11)}m_{203}^{(22)} - 2m_{100}^{(10)}m_{120}^{(11)}m_{104}^{(20)} + m_{100}^{(10)}m_{120}^{(11)}m_{005}^{(00)}$$
$$+2m_{100}^{(10)}m_{120}^{(20)}m_{113}^{(21)} - 2m_{100}^{(10)}m_{120}^{(20)}m_{104}^{(11)} - 2m_{100}^{(10)}m_{120}^{(20)}m_{023}^{(20)} + 2m_{100}^{(10)}m_{120}^{(20)}m_{014}^{(10)}$$
$$-2m_{100}^{(10)}m_{120}^{(21)}m_{203}^{(21)} + 2m_{100}^{(10)}m_{120}^{(21)}m_{113}^{(20)} + 2m_{100}^{(10)}m_{120}^{(21)}m_{104}^{(10)} - 2m_{100}^{(10)}m_{120}^{(21)}m_{014}^{(00)}$$

$$+m_{100}^{(10)}m_{120}^{(22)}m_{203}^{(11)}-2m_{100}^{(10)}m_{120}^{(22)}m_{113}^{(10)}+m_{100}^{(10)}m_{120}^{(22)}m_{023}^{(00)}-2m_{100}^{(10)}m_{111}^{(00)}m_{032}^{(22)}$$
$$+4m_{100}^{(10)}m_{111}^{(00)}m_{023}^{(21)}-2m_{100}^{(10)}m_{111}^{(00)}m_{014}^{(11)}+2m_{100}^{(10)}m_{111}^{(10)}m_{122}^{(22)}-2m_{100}^{(10)}m_{111}^{(10)}m_{104}^{(11)}$$
$$-4m_{100}^{(10)}m_{111}^{(10)}m_{023}^{(20)}+4m_{100}^{(10)}m_{111}^{(10)}m_{014}^{(10)}-2m_{100}^{(10)}m_{111}^{(11)}m_{203}^{(21)}+2m_{100}^{(10)}m_{111}^{(11)}m_{113}^{(20)}$$
$$+2m_{100}^{(10)}m_{111}^{(11)}m_{104}^{(10)}-2m_{100}^{(10)}m_{111}^{(11)}m_{014}^{(00)}+2m_{100}^{(10)}m_{111}^{(20)}m_{131}^{(22)}-8m_{100}^{(10)}m_{111}^{(20)}m_{122}^{(21)}$$
$$+6m_{100}^{(10)}m_{111}^{(20)}m_{113}^{(11)}+4m_{100}^{(10)}m_{111}^{(20)}m_{032}^{(20)}-4m_{100}^{(10)}m_{111}^{(20)}m_{023}^{(10)}-2m_{100}^{(10)}m_{111}^{(21)}m_{221}^{(22)}$$
$$+4m_{100}^{(10)}m_{111}^{(21)}m_{212}^{(21)}+2m_{100}^{(10)}m_{111}^{(21)}m_{203}^{(11)}-8m_{100}^{(10)}m_{111}^{(21)}m_{113}^{(10)}+4m_{100}^{(10)}m_{111}^{(21)}m_{023}^{(00)}$$
$$+2m_{100}^{(10)}m_{111}^{(22)}m_{221}^{(21)}-4m_{100}^{(10)}m_{111}^{(22)}m_{212}^{(11)}-2m_{100}^{(10)}m_{111}^{(22)}m_{131}^{(20)}+6m_{100}^{(10)}m_{111}^{(22)}m_{122}^{(10)}$$
$$-2m_{100}^{(10)}m_{111}^{(22)}m_{032}^{(00)}+m_{100}^{(10)}m_{102}^{(00)}m_{041}^{(22)}-2m_{100}^{(10)}m_{102}^{(00)}m_{032}^{(21)}+m_{100}^{(10)}m_{102}^{(00)}m_{023}^{(11)}$$
$$-2m_{100}^{(10)}m_{102}^{(10)}m_{122}^{(21)}+2m_{100}^{(10)}m_{102}^{(10)}m_{113}^{(11)}+2m_{100}^{(10)}m_{102}^{(10)}m_{032}^{(20)}-2m_{100}^{(10)}m_{102}^{(10)}m_{023}^{(10)}$$
$$-m_{100}^{(10)}m_{102}^{(11)}m_{221}^{(22)}+2m_{100}^{(10)}m_{102}^{(11)}m_{212}^{(21)}-2m_{100}^{(10)}m_{102}^{(11)}m_{113}^{(10)}+m_{100}^{(10)}m_{102}^{(11)}m_{023}^{(00)}$$
$$-2m_{100}^{(10)}m_{102}^{(20)}m_{140}^{(22)}+6m_{100}^{(10)}m_{102}^{(20)}m_{131}^{(21)}-4m_{100}^{(10)}m_{102}^{(20)}m_{122}^{(11)}-2m_{100}^{(10)}m_{102}^{(20)}m_{041}^{(20)}$$
$$+2m_{100}^{(10)}m_{102}^{(20)}m_{032}^{(10)}+2m_{100}^{(10)}m_{102}^{(21)}m_{230}^{(22)}-2m_{100}^{(10)}m_{102}^{(21)}m_{221}^{(21)}-2m_{100}^{(10)}m_{102}^{(21)}m_{212}^{(11)}$$
$$-2m_{100}^{(10)}m_{102}^{(21)}m_{131}^{(20)}+6m_{100}^{(10)}m_{102}^{(21)}m_{122}^{(10)}-2m_{100}^{(10)}m_{102}^{(21)}m_{032}^{(00)}-2m_{100}^{(10)}m_{102}^{(22)}m_{230}^{(21)}$$
$$+3m_{100}^{(10)}m_{102}^{(22)}m_{221}^{(11)}+2m_{100}^{(10)}m_{102}^{(22)}m_{140}^{(20)}-4m_{100}^{(10)}m_{102}^{(22)}m_{131}^{(10)}+m_{100}^{(10)}m_{102}^{(22)}m_{041}^{(00)}$$
$$-m_{100}^{(10)}m_{030}^{(00)}m_{113}^{(22)}+m_{100}^{(10)}m_{030}^{(00)}m_{104}^{(21)}+m_{100}^{(10)}m_{030}^{(00)}m_{014}^{(20)}-m_{100}^{(10)}m_{030}^{(00)}m_{005}^{(10)}$$
$$+m_{100}^{(10)}m_{030}^{(10)}m_{203}^{(22)}-2m_{100}^{(10)}m_{030}^{(10)}m_{104}^{(20)}+m_{100}^{(10)}m_{030}^{(10)}m_{005}^{(00)}+m_{100}^{(10)}m_{030}^{(20)}m_{212}^{(22)}$$
$$-2m_{100}^{(10)}m_{030}^{(20)}m_{203}^{(21)}+2m_{100}^{(10)}m_{030}^{(20)}m_{104}^{(10)}-m_{100}^{(10)}m_{030}^{(20)}m_{014}^{(00)}-m_{100}^{(10)}m_{030}^{(21)}m_{302}^{(22)}$$
$$+2m_{100}^{(10)}m_{030}^{(21)}m_{203}^{(20)}-m_{100}^{(10)}m_{030}^{(21)}m_{104}^{(00)}+m_{100}^{(10)}m_{030}^{(22)}m_{302}^{(21)}-m_{100}^{(10)}m_{030}^{(22)}m_{212}^{(20)}$$
$$-m_{100}^{(10)}m_{030}^{(22)}m_{203}^{(10)}+m_{100}^{(10)}m_{030}^{(22)}m_{113}^{(00)}+2m_{100}^{(10)}m_{021}^{(00)}m_{122}^{(22)}-m_{100}^{(10)}m_{021}^{(00)}m_{113}^{(21)}$$
$$-m_{100}^{(10)}m_{021}^{(00)}m_{104}^{(11)}-3m_{100}^{(10)}m_{021}^{(00)}m_{023}^{(20)}+3m_{100}^{(10)}m_{021}^{(00)}m_{014}^{(10)}-m_{100}^{(10)}m_{021}^{(10)}m_{212}^{(22)}$$
$$-2m_{100}^{(10)}m_{021}^{(10)}m_{203}^{(21)}+4m_{100}^{(10)}m_{021}^{(10)}m_{113}^{(20)}+2m_{100}^{(10)}m_{021}^{(10)}m_{104}^{(10)}-3m_{100}^{(10)}m_{021}^{(10)}m_{014}^{(00)}$$
$$-m_{100}^{(10)}m_{021}^{(11)}m_{302}^{(22)}+2m_{100}^{(10)}m_{021}^{(11)}m_{203}^{(20)}-m_{100}^{(10)}m_{021}^{(11)}m_{104}^{(00)}-3m_{100}^{(10)}m_{021}^{(20)}m_{221}^{(22)}$$
$$+4m_{100}^{(10)}m_{021}^{(20)}m_{212}^{(21)}+2m_{100}^{(10)}m_{021}^{(20)}m_{203}^{(11)}+2m_{100}^{(10)}m_{021}^{(20)}m_{122}^{(20)}-8m_{100}^{(10)}m_{021}^{(20)}m_{113}^{(10)}$$
$$+3m_{100}^{(10)}m_{021}^{(20)}m_{023}^{(00)}+3m_{100}^{(10)}m_{021}^{(21)}m_{311}^{(22)}+2m_{100}^{(10)}m_{021}^{(21)}m_{302}^{(21)}-8m_{100}^{(10)}m_{021}^{(21)}m_{212}^{(20)}$$
$$-2m_{100}^{(10)}m_{021}^{(21)}m_{203}^{(10)}+5m_{100}^{(10)}m_{021}^{(21)}m_{113}^{(00)}-3m_{100}^{(10)}m_{021}^{(22)}m_{311}^{(21)}-m_{100}^{(10)}m_{021}^{(22)}m_{302}^{(11)}$$
$$+3m_{100}^{(10)}m_{021}^{(22)}m_{221}^{(20)}+5m_{100}^{(10)}m_{021}^{(22)}m_{212}^{(10)}-4m_{100}^{(10)}m_{021}^{(22)}m_{122}^{(00)}-m_{100}^{(10)}m_{012}^{(00)}m_{131}^{(22)}$$
$$-m_{100}^{(10)}m_{012}^{(00)}m_{122}^{(21)}+2m_{100}^{(10)}m_{012}^{(00)}m_{113}^{(11)}+3m_{100}^{(10)}m_{012}^{(00)}m_{032}^{(20)}-3m_{100}^{(10)}m_{012}^{(00)}m_{023}^{(10)}$$
$$+2m_{100}^{(10)}m_{012}^{(10)}m_{212}^{(21)}+m_{100}^{(10)}m_{012}^{(10)}m_{203}^{(11)}-2m_{100}^{(10)}m_{012}^{(10)}m_{122}^{(20)}-4m_{100}^{(10)}m_{012}^{(10)}m_{113}^{(10)}$$
$$+3m_{100}^{(10)}m_{012}^{(10)}m_{023}^{(00)}+m_{100}^{(10)}m_{012}^{(11)}m_{311}^{(22)}+m_{100}^{(10)}m_{012}^{(11)}m_{302}^{(21)}-3m_{100}^{(10)}m_{012}^{(11)}m_{212}^{(20)}$$
$$-m_{100}^{(10)}m_{012}^{(11)}m_{203}^{(10)}+2m_{100}^{(10)}m_{012}^{(11)}m_{113}^{(00)}+2m_{100}^{(10)}m_{012}^{(20)}m_{230}^{(22)}-5m_{100}^{(10)}m_{012}^{(20)}m_{212}^{(11)}$$
$$-4m_{100}^{(10)}m_{012}^{(20)}m_{131}^{(20)}+10m_{100}^{(10)}m_{012}^{(20)}m_{122}^{(10)}-3m_{100}^{(10)}m_{012}^{(20)}m_{032}^{(00)}-2m_{100}^{(10)}m_{012}^{(21)}m_{320}^{(22)}$$
$$-4m_{100}^{(10)}m_{012}^{(21)}m_{311}^{(21)}-m_{100}^{(10)}m_{012}^{(21)}m_{302}^{(11)}+8m_{100}^{(10)}m_{012}^{(21)}m_{221}^{(20)}+6m_{100}^{(10)}m_{012}^{(21)}m_{212}^{(10)}$$
$$-7m_{100}^{(10)}m_{012}^{(21)}m_{122}^{(00)}+2m_{100}^{(10)}m_{012}^{(22)}m_{320}^{(21)}+3m_{100}^{(10)}m_{012}^{(22)}m_{311}^{(11)}-2m_{100}^{(10)}m_{012}^{(22)}m_{230}^{(20)}$$
$$-8m_{100}^{(10)}m_{012}^{(22)}m_{221}^{(10)}+5m_{100}^{(10)}m_{012}^{(22)}m_{131}^{(00)}+m_{100}^{(10)}m_{003}^{(00)}m_{131}^{(21)}-m_{100}^{(10)}m_{003}^{(00)}m_{122}^{(11)}$$
$$-m_{100}^{(10)}m_{003}^{(00)}m_{041}^{(20)}+m_{100}^{(10)}m_{003}^{(00)}m_{032}^{(10)}-m_{100}^{(10)}m_{003}^{(10)}m_{212}^{(11)}+2m_{100}^{(10)}m_{003}^{(10)}m_{122}^{(10)}$$
$$-m_{100}^{(10)}m_{003}^{(10)}m_{032}^{(00)}-m_{100}^{(10)}m_{003}^{(11)}m_{311}^{(21)}+m_{100}^{(10)}m_{003}^{(11)}m_{221}^{(20)}+m_{100}^{(10)}m_{003}^{(11)}m_{212}^{(10)}$$
$$-m_{100}^{(10)}m_{003}^{(11)}m_{122}^{(00)}-2m_{100}^{(10)}m_{003}^{(20)}m_{230}^{(21)}+3m_{100}^{(10)}m_{003}^{(20)}m_{221}^{(11)}+2m_{100}^{(10)}m_{003}^{(20)}m_{140}^{(20)}$$
$$-4m_{100}^{(10)}m_{003}^{(20)}m_{131}^{(10)}+m_{100}^{(10)}m_{003}^{(20)}m_{041}^{(00)}+2m_{100}^{(10)}m_{003}^{(21)}m_{320}^{(21)}+m_{100}^{(10)}m_{003}^{(21)}m_{311}^{(11)}$$

$$
\begin{aligned}
&-2m_{100}^{(10)}m_{003}^{(21)}m_{230}^{(20)} - 4m_{100}^{(10)}m_{003}^{(21)}m_{221}^{(10)} + 3m_{100}^{(10)}m_{003}^{(21)}m_{131}^{(00)} - 2m_{100}^{(10)}m_{003}^{(22)}m_{320}^{(11)}\\
&+4m_{100}^{(10)}m_{003}^{(22)}m_{230}^{(10)} - 2m_{100}^{(10)}m_{003}^{(22)}m_{140}^{(00)} - m_{100}^{(11)}m_{210}^{(00)}m_{023}^{(22)} + 2m_{100}^{(11)}m_{210}^{(00)}m_{014}^{(21)}\\
&-m_{100}^{(11)}m_{210}^{(00)}m_{005}^{(11)} + m_{100}^{(11)}m_{210}^{(10)}m_{113}^{(22)} - m_{100}^{(11)}m_{210}^{(10)}m_{104}^{(21)} - m_{100}^{(11)}m_{210}^{(10)}m_{014}^{(20)}\\
&+m_{100}^{(11)}m_{210}^{(10)}m_{005}^{(10)} + m_{100}^{(11)}m_{210}^{(20)}m_{122}^{(22)} - 3m_{100}^{(11)}m_{210}^{(20)}m_{113}^{(21)} + 2m_{100}^{(11)}m_{210}^{(20)}m_{104}^{(11)}\\
&+m_{100}^{(11)}m_{210}^{(20)}m_{023}^{(20)} - m_{100}^{(11)}m_{210}^{(20)}m_{014}^{(10)} - m_{100}^{(11)}m_{210}^{(21)}m_{212}^{(22)} + m_{100}^{(11)}m_{210}^{(21)}m_{203}^{(21)}\\
&+m_{100}^{(11)}m_{210}^{(21)}m_{113}^{(20)} - m_{100}^{(11)}m_{210}^{(21)}m_{104}^{(10)} + m_{100}^{(11)}m_{210}^{(22)}m_{212}^{(21)} - m_{100}^{(11)}m_{210}^{(22)}m_{203}^{(11)}\\
&-m_{100}^{(11)}m_{210}^{(22)}m_{122}^{(20)} + m_{100}^{(11)}m_{210}^{(22)}m_{113}^{(10)} + m_{100}^{(11)}m_{201}^{(00)}m_{032}^{(22)} - 2m_{100}^{(11)}m_{201}^{(00)}m_{023}^{(21)}\\
&+m_{100}^{(11)}m_{201}^{(00)}m_{014}^{(11)} - m_{100}^{(11)}m_{201}^{(10)}m_{122}^{(22)} + m_{100}^{(11)}m_{201}^{(10)}m_{113}^{(21)} + m_{100}^{(11)}m_{201}^{(10)}m_{023}^{(20)}\\
&-m_{100}^{(11)}m_{201}^{(10)}m_{014}^{(10)} - m_{100}^{(11)}m_{201}^{(20)}m_{131}^{(22)} + 3m_{100}^{(11)}m_{201}^{(20)}m_{122}^{(21)} - 2m_{100}^{(11)}m_{201}^{(20)}m_{113}^{(11)}\\
&-m_{100}^{(11)}m_{201}^{(20)}m_{032}^{(20)} + m_{100}^{(11)}m_{201}^{(20)}m_{023}^{(10)} + m_{100}^{(11)}m_{201}^{(21)}m_{221}^{(22)} - m_{100}^{(11)}m_{201}^{(21)}m_{212}^{(21)}\\
&-m_{100}^{(11)}m_{201}^{(21)}m_{122}^{(20)} + m_{100}^{(11)}m_{201}^{(21)}m_{113}^{(10)} - m_{100}^{(11)}m_{201}^{(22)}m_{221}^{(21)} + m_{100}^{(11)}m_{201}^{(22)}m_{212}^{(11)}\\
&+m_{100}^{(11)}m_{201}^{(22)}m_{131}^{(20)} - m_{100}^{(11)}m_{201}^{(22)}m_{122}^{(10)} + m_{100}^{(11)}m_{120}^{(00)}m_{113}^{(22)} - m_{100}^{(11)}m_{120}^{(00)}m_{104}^{(21)}\\
&-m_{100}^{(11)}m_{120}^{(00)}m_{014}^{(20)} + m_{100}^{(11)}m_{120}^{(00)}m_{005}^{(10)} - m_{100}^{(11)}m_{120}^{(10)}m_{203}^{(22)} + 2m_{100}^{(11)}m_{120}^{(10)}m_{104}^{(20)}\\
&-m_{100}^{(11)}m_{120}^{(10)}m_{005}^{(00)} - m_{100}^{(11)}m_{120}^{(20)}m_{212}^{(22)} + 2m_{100}^{(11)}m_{120}^{(20)}m_{203}^{(21)} - 2m_{100}^{(11)}m_{120}^{(20)}m_{104}^{(10)}\\
&+m_{100}^{(11)}m_{120}^{(20)}m_{014}^{(00)} + m_{100}^{(11)}m_{120}^{(21)}m_{302}^{(22)} - 2m_{100}^{(11)}m_{120}^{(21)}m_{203}^{(20)} + m_{100}^{(11)}m_{120}^{(21)}m_{104}^{(00)}\\
&-m_{100}^{(11)}m_{120}^{(22)}m_{302}^{(21)} + m_{100}^{(11)}m_{120}^{(22)}m_{212}^{(20)} + m_{100}^{(11)}m_{120}^{(22)}m_{203}^{(10)} - m_{100}^{(11)}m_{120}^{(22)}m_{113}^{(00)}\\
&-2m_{100}^{(11)}m_{111}^{(00)}m_{113}^{(21)} + 2m_{100}^{(11)}m_{111}^{(00)}m_{104}^{(11)} + 2m_{100}^{(11)}m_{111}^{(00)}m_{023}^{(20)} - 2m_{100}^{(11)}m_{111}^{(00)}m_{014}^{(10)}\\
&+2m_{100}^{(11)}m_{111}^{(10)}m_{203}^{(21)} - 2m_{100}^{(11)}m_{111}^{(10)}m_{113}^{(20)} - 2m_{100}^{(11)}m_{111}^{(10)}m_{104}^{(10)} + 2m_{100}^{(11)}m_{111}^{(10)}m_{014}^{(00)}\\
&+2m_{100}^{(11)}m_{111}^{(20)}m_{212}^{(21)} - 4m_{100}^{(11)}m_{111}^{(20)}m_{203}^{(11)} - 2m_{100}^{(11)}m_{111}^{(20)}m_{122}^{(20)} + 6m_{100}^{(11)}m_{111}^{(20)}m_{113}^{(10)}\\
&-2m_{100}^{(11)}m_{111}^{(20)}m_{023}^{(00)} - 2m_{100}^{(11)}m_{111}^{(21)}m_{302}^{(21)} + 2m_{100}^{(11)}m_{111}^{(21)}m_{212}^{(20)} + 2m_{100}^{(11)}m_{111}^{(21)}m_{203}^{(10)}\\
&-2m_{100}^{(11)}m_{111}^{(21)}m_{113}^{(00)} + 2m_{100}^{(11)}m_{111}^{(22)}m_{302}^{(11)} - 4m_{100}^{(11)}m_{111}^{(22)}m_{212}^{(10)} + 2m_{100}^{(11)}m_{111}^{(22)}m_{122}^{(00)}\\
&-m_{100}^{(11)}m_{102}^{(00)}m_{131}^{(22)} + 3m_{100}^{(11)}m_{102}^{(00)}m_{122}^{(21)} - 2m_{100}^{(11)}m_{102}^{(00)}m_{113}^{(11)} - m_{100}^{(11)}m_{102}^{(00)}m_{032}^{(20)}\\
&+m_{100}^{(11)}m_{102}^{(00)}m_{023}^{(10)} + m_{100}^{(11)}m_{102}^{(10)}m_{221}^{(22)} - 2m_{100}^{(11)}m_{102}^{(10)}m_{212}^{(21)} + 2m_{100}^{(11)}m_{102}^{(10)}m_{113}^{(10)}\\
&-m_{100}^{(11)}m_{102}^{(10)}m_{023}^{(00)} + m_{100}^{(11)}m_{102}^{(20)}m_{230}^{(22)} - 4m_{100}^{(11)}m_{102}^{(20)}m_{221}^{(21)} + 4m_{100}^{(11)}m_{102}^{(20)}m_{212}^{(11)}\\
&+2m_{100}^{(11)}m_{102}^{(20)}m_{131}^{(20)} - 4m_{100}^{(11)}m_{102}^{(20)}m_{122}^{(10)} + m_{100}^{(11)}m_{102}^{(20)}m_{032}^{(00)} - m_{100}^{(11)}m_{102}^{(21)}m_{320}^{(22)}\\
&+2m_{100}^{(11)}m_{102}^{(21)}m_{311}^{(21)} - 2m_{100}^{(11)}m_{102}^{(21)}m_{212}^{(10)} + m_{100}^{(11)}m_{102}^{(21)}m_{122}^{(00)} + m_{100}^{(11)}m_{102}^{(22)}m_{320}^{(21)}\\
&-2m_{100}^{(11)}m_{102}^{(22)}m_{311}^{(11)} - m_{100}^{(11)}m_{102}^{(22)}m_{230}^{(20)} + 3m_{100}^{(11)}m_{102}^{(22)}m_{221}^{(10)} - m_{100}^{(11)}m_{102}^{(22)}m_{131}^{(00)}\\
&-m_{100}^{(11)}m_{021}^{(00)}m_{212}^{(22)} + m_{100}^{(11)}m_{021}^{(00)}m_{203}^{(21)} + m_{100}^{(11)}m_{021}^{(00)}m_{113}^{(20)} - m_{100}^{(11)}m_{021}^{(00)}m_{104}^{(10)}\\
&+m_{100}^{(11)}m_{021}^{(10)}m_{302}^{(22)} - 2m_{100}^{(11)}m_{021}^{(10)}m_{203}^{(20)} + m_{100}^{(11)}m_{021}^{(10)}m_{104}^{(00)} + m_{100}^{(11)}m_{021}^{(20)}m_{311}^{(22)}\\
&-2m_{100}^{(11)}m_{021}^{(20)}m_{302}^{(21)} + 2m_{100}^{(11)}m_{021}^{(20)}m_{203}^{(10)} - m_{100}^{(11)}m_{021}^{(20)}m_{113}^{(00)} - m_{100}^{(11)}m_{021}^{(21)}m_{401}^{(22)}\\
&+2m_{100}^{(11)}m_{021}^{(21)}m_{302}^{(20)} - m_{100}^{(11)}m_{021}^{(21)}m_{203}^{(00)} + m_{100}^{(11)}m_{021}^{(22)}m_{401}^{(21)} - m_{100}^{(11)}m_{021}^{(22)}m_{311}^{(20)}\\
&-m_{100}^{(11)}m_{021}^{(22)}m_{302}^{(10)} + m_{100}^{(11)}m_{021}^{(22)}m_{212}^{(00)} + m_{100}^{(11)}m_{012}^{(00)}m_{221}^{(22)} - m_{100}^{(11)}m_{012}^{(00)}m_{203}^{(11)}\\
&-2m_{100}^{(11)}m_{012}^{(00)}m_{122}^{(20)} + 2m_{100}^{(11)}m_{012}^{(00)}m_{113}^{(10)} - m_{100}^{(11)}m_{012}^{(10)}m_{311}^{(22)} - m_{100}^{(11)}m_{012}^{(10)}m_{302}^{(21)}\\
&+3m_{100}^{(11)}m_{012}^{(10)}m_{212}^{(20)} + m_{100}^{(11)}m_{012}^{(10)}m_{203}^{(10)} - 2m_{100}^{(11)}m_{012}^{(10)}m_{113}^{(00)} - m_{100}^{(11)}m_{012}^{(20)}m_{320}^{(22)}\\
&+m_{100}^{(11)}m_{012}^{(20)}m_{311}^{(21)} + 2m_{100}^{(11)}m_{012}^{(20)}m_{302}^{(11)} + m_{100}^{(11)}m_{012}^{(20)}m_{221}^{(20)} - 5m_{100}^{(11)}m_{012}^{(20)}m_{212}^{(10)}\\
&+2m_{100}^{(11)}m_{012}^{(20)}m_{122}^{(00)} + m_{100}^{(11)}m_{012}^{(21)}m_{410}^{(22)} + m_{100}^{(11)}m_{012}^{(21)}m_{401}^{(21)} - 3m_{100}^{(11)}m_{012}^{(21)}m_{311}^{(20)}\\
&-m_{100}^{(11)}m_{012}^{(21)}m_{302}^{(10)} + 2m_{100}^{(11)}m_{012}^{(21)}m_{212}^{(00)} - m_{100}^{(11)}m_{012}^{(22)}m_{410}^{(21)} - m_{100}^{(11)}m_{012}^{(22)}m_{401}^{(11)}\\
&+m_{100}^{(11)}m_{012}^{(22)}m_{320}^{(20)} + 3m_{100}^{(11)}m_{012}^{(22)}m_{311}^{(10)} - 2m_{100}^{(11)}m_{012}^{(22)}m_{221}^{(00)} - m_{100}^{(11)}m_{003}^{(00)}m_{221}^{(21)}
\end{aligned}
$$

$$+m_{100}^{(11)}m_{003}^{(00)}m_{212}^{(11)}+m_{100}^{(11)}m_{003}^{(00)}m_{131}^{(20)}-m_{100}^{(11)}m_{003}^{(00)}m_{122}^{(10)}+m_{100}^{(11)}m_{003}^{(10)}m_{311}^{(21)}$$
$$-m_{100}^{(11)}m_{003}^{(10)}m_{221}^{(20)}-m_{100}^{(11)}m_{003}^{(10)}m_{212}^{(10)}+m_{100}^{(11)}m_{003}^{(10)}m_{122}^{(00)}+m_{100}^{(11)}m_{003}^{(20)}m_{320}^{(21)}$$
$$-2m_{100}^{(11)}m_{003}^{(20)}m_{311}^{(11)}-m_{100}^{(11)}m_{003}^{(20)}m_{230}^{(20)}+3m_{100}^{(11)}m_{003}^{(20)}m_{221}^{(10)}-m_{100}^{(11)}m_{003}^{(20)}m_{131}^{(00)}$$
$$-m_{100}^{(11)}m_{003}^{(21)}m_{410}^{(21)}+m_{100}^{(11)}m_{003}^{(21)}m_{320}^{(20)}+m_{100}^{(11)}m_{003}^{(21)}m_{311}^{(10)}-m_{100}^{(11)}m_{003}^{(21)}m_{221}^{(00)}$$
$$+m_{100}^{(11)}m_{003}^{(22)}m_{410}^{(11)}-2m_{100}^{(11)}m_{003}^{(22)}m_{320}^{(10)}+m_{100}^{(11)}m_{003}^{(22)}m_{230}^{(00)}-m_{100}^{(20)}m_{210}^{(10)}m_{032}^{(22)}$$
$$+2m_{100}^{(20)}m_{210}^{(10)}m_{023}^{(21)}-m_{100}^{(20)}m_{210}^{(10)}m_{014}^{(11)}+m_{100}^{(20)}m_{210}^{(11)}m_{122}^{(22)}-m_{100}^{(20)}m_{210}^{(11)}m_{113}^{(21)}$$
$$-m_{100}^{(20)}m_{210}^{(11)}m_{023}^{(20)}+m_{100}^{(20)}m_{210}^{(11)}m_{014}^{(10)}+m_{100}^{(20)}m_{210}^{(20)}m_{041}^{(22)}-2m_{100}^{(20)}m_{210}^{(20)}m_{032}^{(21)}$$
$$+m_{100}^{(20)}m_{210}^{(20)}m_{023}^{(11)}-m_{100}^{(20)}m_{210}^{(21)}m_{131}^{(22)}+m_{100}^{(20)}m_{210}^{(21)}m_{113}^{(11)}+2m_{100}^{(20)}m_{210}^{(21)}m_{032}^{(20)}$$
$$-2m_{100}^{(20)}m_{210}^{(21)}m_{023}^{(10)}+m_{100}^{(20)}m_{210}^{(22)}m_{131}^{(21)}-m_{100}^{(20)}m_{210}^{(22)}m_{122}^{(11)}-m_{100}^{(20)}m_{210}^{(22)}m_{041}^{(20)}$$
$$+m_{100}^{(20)}m_{210}^{(22)}m_{032}^{(10)}+m_{100}^{(20)}m_{201}^{(10)}m_{041}^{(22)}-2m_{100}^{(20)}m_{201}^{(10)}m_{032}^{(21)}+m_{100}^{(20)}m_{201}^{(10)}m_{023}^{(11)}$$
$$-m_{100}^{(20)}m_{201}^{(11)}m_{131}^{(22)}+m_{100}^{(20)}m_{201}^{(11)}m_{122}^{(21)}+m_{100}^{(20)}m_{201}^{(20)}m_{032}^{(11)}-m_{100}^{(20)}m_{201}^{(11)}m_{023}^{(10)}$$
$$-m_{100}^{(20)}m_{201}^{(20)}m_{050}^{(22)}+2m_{100}^{(20)}m_{201}^{(20)}m_{041}^{(21)}-m_{100}^{(20)}m_{201}^{(20)}m_{032}^{(11)}+m_{100}^{(20)}m_{201}^{(21)}m_{140}^{(22)}$$
$$-m_{100}^{(20)}m_{201}^{(21)}m_{122}^{(11)}-2m_{100}^{(20)}m_{201}^{(21)}m_{041}^{(20)}+2m_{100}^{(20)}m_{201}^{(21)}m_{032}^{(10)}-m_{100}^{(20)}m_{201}^{(22)}m_{140}^{(21)}$$
$$+m_{100}^{(20)}m_{201}^{(22)}m_{131}^{(11)}+m_{100}^{(20)}m_{201}^{(22)}m_{050}^{(20)}-m_{100}^{(20)}m_{201}^{(22)}m_{041}^{(10)}-m_{100}^{(20)}m_{120}^{(00)}m_{032}^{(22)}$$
$$+2m_{100}^{(20)}m_{120}^{(00)}m_{023}^{(21)}-m_{100}^{(20)}m_{120}^{(00)}m_{014}^{(11)}+4m_{100}^{(20)}m_{120}^{(10)}m_{122}^{(22)}-6m_{100}^{(20)}m_{120}^{(10)}m_{113}^{(21)}$$
$$+2m_{100}^{(20)}m_{120}^{(10)}m_{104}^{(11)}-2m_{100}^{(20)}m_{120}^{(10)}m_{023}^{(20)}+2m_{100}^{(20)}m_{120}^{(10)}m_{014}^{(10)}-3m_{100}^{(20)}m_{120}^{(11)}m_{212}^{(22)}$$
$$+2m_{100}^{(20)}m_{120}^{(11)}m_{203}^{(21)}+4m_{100}^{(20)}m_{120}^{(11)}m_{113}^{(20)}-2m_{100}^{(20)}m_{120}^{(11)}m_{104}^{(10)}-m_{100}^{(20)}m_{120}^{(11)}m_{014}^{(00)}$$
$$-2m_{100}^{(20)}m_{120}^{(20)}m_{131}^{(22)}+2m_{100}^{(20)}m_{120}^{(20)}m_{122}^{(21)}+2m_{100}^{(20)}m_{120}^{(20)}m_{032}^{(20)}-2m_{100}^{(20)}m_{120}^{(20)}m_{023}^{(10)}$$
$$+2m_{100}^{(20)}m_{120}^{(21)}m_{221}^{(22)}+2m_{100}^{(20)}m_{120}^{(21)}m_{212}^{(21)}-2m_{100}^{(20)}m_{120}^{(21)}m_{203}^{(11)}-6m_{100}^{(20)}m_{120}^{(21)}m_{122}^{(20)}$$
$$+2m_{100}^{(20)}m_{120}^{(21)}m_{113}^{(10)}+2m_{100}^{(20)}m_{120}^{(21)}m_{023}^{(00)}-2m_{100}^{(20)}m_{120}^{(22)}m_{221}^{(21)}+m_{100}^{(20)}m_{120}^{(22)}m_{212}^{(11)}$$
$$+2m_{100}^{(20)}m_{120}^{(22)}m_{131}^{(20)}-m_{100}^{(20)}m_{120}^{(22)}m_{032}^{(00)}+2m_{100}^{(20)}m_{111}^{(00)}m_{041}^{(22)}-4m_{100}^{(20)}m_{111}^{(00)}m_{032}^{(21)}$$
$$+2m_{100}^{(20)}m_{111}^{(00)}m_{023}^{(11)}-6m_{100}^{(20)}m_{111}^{(10)}m_{131}^{(22)}+8m_{100}^{(20)}m_{111}^{(10)}m_{122}^{(21)}-2m_{100}^{(20)}m_{111}^{(10)}m_{113}^{(11)}$$
$$+4m_{100}^{(20)}m_{111}^{(10)}m_{032}^{(20)}-4m_{100}^{(20)}m_{111}^{(10)}m_{023}^{(10)}+4m_{100}^{(20)}m_{111}^{(11)}m_{221}^{(22)}-2m_{100}^{(20)}m_{111}^{(11)}m_{212}^{(21)}$$
$$-6m_{100}^{(20)}m_{111}^{(11)}m_{122}^{(20)}+2m_{100}^{(20)}m_{111}^{(11)}m_{113}^{(10)}+2m_{100}^{(20)}m_{111}^{(11)}m_{023}^{(00)}+2m_{100}^{(20)}m_{111}^{(20)}m_{140}^{(22)}$$
$$-2m_{100}^{(20)}m_{111}^{(20)}m_{122}^{(11)}-4m_{100}^{(20)}m_{111}^{(20)}m_{041}^{(20)}+4m_{100}^{(20)}m_{111}^{(20)}m_{032}^{(10)}-2m_{100}^{(20)}m_{111}^{(21)}m_{230}^{(22)}$$
$$-4m_{100}^{(20)}m_{111}^{(21)}m_{221}^{(21)}+2m_{100}^{(20)}m_{111}^{(21)}m_{212}^{(11)}+8m_{100}^{(20)}m_{111}^{(21)}m_{131}^{(20)}-4m_{100}^{(20)}m_{111}^{(21)}m_{032}^{(00)}$$
$$+2m_{100}^{(20)}m_{111}^{(22)}m_{230}^{(21)}-2m_{100}^{(20)}m_{111}^{(22)}m_{140}^{(20)}-2m_{100}^{(20)}m_{111}^{(22)}m_{131}^{(10)}+2m_{100}^{(20)}m_{111}^{(22)}m_{041}^{(00)}$$
$$-m_{100}^{(20)}m_{102}^{(00)}m_{050}^{(22)}+2m_{100}^{(20)}m_{102}^{(00)}m_{041}^{(21)}-m_{100}^{(20)}m_{102}^{(00)}m_{032}^{(11)}+2m_{100}^{(20)}m_{102}^{(10)}m_{140}^{(22)}$$
$$-2m_{100}^{(20)}m_{102}^{(10)}m_{131}^{(21)}-2m_{100}^{(20)}m_{102}^{(10)}m_{041}^{(20)}+2m_{100}^{(20)}m_{102}^{(10)}m_{032}^{(10)}-m_{100}^{(20)}m_{102}^{(11)}m_{230}^{(22)}$$
$$+2m_{100}^{(20)}m_{102}^{(11)}m_{131}^{(20)}-m_{100}^{(20)}m_{102}^{(11)}m_{032}^{(00)}-2m_{100}^{(20)}m_{102}^{(20)}m_{140}^{(21)}+2m_{100}^{(20)}m_{102}^{(20)}m_{131}^{(11)}$$
$$+2m_{100}^{(20)}m_{102}^{(20)}m_{050}^{(20)}-2m_{100}^{(20)}m_{102}^{(20)}m_{041}^{(10)}+2m_{100}^{(20)}m_{102}^{(21)}m_{230}^{(21)}-2m_{100}^{(20)}m_{102}^{(21)}m_{140}^{(20)}$$
$$-2m_{100}^{(20)}m_{102}^{(21)}m_{131}^{(10)}+2m_{100}^{(20)}m_{102}^{(21)}m_{041}^{(00)}-m_{100}^{(20)}m_{102}^{(22)}m_{230}^{(11)}+2m_{100}^{(20)}m_{102}^{(22)}m_{140}^{(10)}$$
$$-m_{100}^{(20)}m_{102}^{(22)}m_{050}^{(00)}+m_{100}^{(20)}m_{030}^{(00)}m_{122}^{(22)}-m_{100}^{(20)}m_{030}^{(00)}m_{113}^{(21)}-m_{100}^{(20)}m_{030}^{(00)}m_{023}^{(20)}$$
$$+m_{100}^{(20)}m_{030}^{(00)}m_{014}^{(10)}-3m_{100}^{(20)}m_{030}^{(10)}m_{212}^{(22)}+2m_{100}^{(20)}m_{030}^{(10)}m_{203}^{(21)}+4m_{100}^{(20)}m_{030}^{(10)}m_{113}^{(20)}$$
$$-2m_{100}^{(20)}m_{030}^{(10)}m_{104}^{(10)}-m_{100}^{(20)}m_{030}^{(10)}m_{014}^{(00)}+2m_{100}^{(20)}m_{030}^{(11)}m_{302}^{(22)}-4m_{100}^{(20)}m_{030}^{(11)}m_{203}^{(20)}$$
$$+2m_{100}^{(20)}m_{030}^{(11)}m_{104}^{(00)}+m_{100}^{(20)}m_{030}^{(20)}m_{221}^{(22)}-2m_{100}^{(20)}m_{030}^{(20)}m_{122}^{(20)}+m_{100}^{(20)}m_{030}^{(20)}m_{023}^{(00)}$$
$$-m_{100}^{(20)}m_{030}^{(21)}m_{311}^{(22)}-2m_{100}^{(20)}m_{030}^{(21)}m_{302}^{(21)}+4m_{100}^{(20)}m_{030}^{(21)}m_{212}^{(20)}+2m_{100}^{(20)}m_{030}^{(21)}m_{203}^{(10)}$$
$$-3m_{100}^{(20)}m_{030}^{(21)}m_{113}^{(00)}+m_{100}^{(20)}m_{030}^{(22)}m_{311}^{(21)}-m_{100}^{(20)}m_{030}^{(22)}m_{221}^{(20)}-m_{100}^{(20)}m_{030}^{(22)}m_{212}^{(10)}$$

$$
\begin{aligned}
&+m_{100}^{(20)}m_{030}^{(22)}m_{122}^{(00)} - 2m_{100}^{(20)}m_{021}^{(00)}m_{131}^{(22)} + m_{100}^{(20)}m_{021}^{(00)}m_{122}^{(21)} + m_{100}^{(20)}m_{021}^{(00)}m_{113}^{(11)}\\
&+3m_{100}^{(20)}m_{021}^{(00)}m_{032}^{(20)} - 3m_{100}^{(20)}m_{021}^{(00)}m_{023}^{(10)} + 5m_{100}^{(20)}m_{021}^{(10)}m_{221}^{(22)} - 2m_{100}^{(20)}m_{021}^{(10)}m_{203}^{(11)}\\
&-10m_{100}^{(20)}m_{021}^{(10)}m_{122}^{(20)} + 4m_{100}^{(20)}m_{021}^{(10)}m_{113}^{(10)} + 3m_{100}^{(20)}m_{021}^{(10)}m_{023}^{(00)} - 3m_{100}^{(20)}m_{021}^{(11)}m_{311}^{(22)}\\
&-2m_{100}^{(20)}m_{021}^{(11)}m_{302}^{(21)} + 8m_{100}^{(20)}m_{021}^{(11)}m_{212}^{(20)} + 2m_{100}^{(20)}m_{021}^{(11)}m_{203}^{(10)} - 5m_{100}^{(20)}m_{021}^{(11)}m_{113}^{(00)}\\
&-m_{100}^{(20)}m_{021}^{(20)}m_{230}^{(22)} - 2m_{100}^{(20)}m_{021}^{(20)}m_{221}^{(21)} + 4m_{100}^{(20)}m_{021}^{(20)}m_{131}^{(20)} + 2m_{100}^{(20)}m_{021}^{(20)}m_{122}^{(10)}\\
&-3m_{100}^{(20)}m_{021}^{(20)}m_{032}^{(00)} + m_{100}^{(20)}m_{021}^{(21)}m_{320}^{(22)} + 4m_{100}^{(20)}m_{021}^{(21)}m_{311}^{(21)} + 2m_{100}^{(20)}m_{021}^{(21)}m_{302}^{(11)}\\
&-6m_{100}^{(20)}m_{021}^{(21)}m_{221}^{(20)} - 8m_{100}^{(20)}m_{021}^{(21)}m_{212}^{(10)} + 7m_{100}^{(20)}m_{021}^{(21)}m_{122}^{(00)} - m_{100}^{(20)}m_{021}^{(22)}m_{320}^{(21)}\\
&-m_{100}^{(20)}m_{021}^{(22)}m_{311}^{(11)} + m_{100}^{(20)}m_{021}^{(22)}m_{230}^{(20)} + 3m_{100}^{(20)}m_{021}^{(22)}m_{221}^{(10)} - 2m_{100}^{(20)}m_{021}^{(22)}m_{131}^{(00)}\\
&+m_{100}^{(20)}m_{012}^{(00)}m_{140}^{(22)} + m_{100}^{(20)}m_{012}^{(00)}m_{131}^{(21)} - 2m_{100}^{(20)}m_{012}^{(00)}m_{122}^{(11)} - 3m_{100}^{(20)}m_{012}^{(00)}m_{041}^{(20)}\\
&+3m_{100}^{(20)}m_{012}^{(00)}m_{032}^{(10)} - 2m_{100}^{(20)}m_{012}^{(10)}m_{230}^{(22)} - 4m_{100}^{(20)}m_{012}^{(10)}m_{221}^{(21)} + 3m_{100}^{(20)}m_{012}^{(10)}m_{212}^{(11)}\\
&+8m_{100}^{(20)}m_{012}^{(10)}m_{131}^{(20)} - 2m_{100}^{(20)}m_{012}^{(10)}m_{122}^{(10)} - 3m_{100}^{(20)}m_{012}^{(10)}m_{032}^{(00)} + m_{100}^{(20)}m_{012}^{(11)}m_{320}^{(22)}\\
&+3m_{100}^{(20)}m_{012}^{(11)}m_{311}^{(21)} - 5m_{100}^{(20)}m_{012}^{(11)}m_{221}^{(20)} - 3m_{100}^{(20)}m_{012}^{(11)}m_{212}^{(10)} + 4m_{100}^{(20)}m_{012}^{(11)}m_{122}^{(00)}\\
&+2m_{100}^{(20)}m_{012}^{(20)}m_{230}^{(21)} + m_{100}^{(20)}m_{012}^{(20)}m_{221}^{(11)} - 2m_{100}^{(20)}m_{012}^{(20)}m_{140}^{(20)} - 4m_{100}^{(20)}m_{012}^{(20)}m_{131}^{(10)}\\
&+3m_{100}^{(20)}m_{012}^{(20)}m_{041}^{(00)} - 2m_{100}^{(20)}m_{012}^{(21)}m_{320}^{(21)} - 3m_{100}^{(20)}m_{012}^{(21)}m_{311}^{(11)} + 2m_{100}^{(20)}m_{012}^{(21)}m_{230}^{(20)}\\
&+8m_{100}^{(20)}m_{012}^{(21)}m_{221}^{(10)} - 5m_{100}^{(20)}m_{012}^{(21)}m_{131}^{(00)} + m_{100}^{(20)}m_{012}^{(22)}m_{320}^{(11)} - 2m_{100}^{(20)}m_{012}^{(22)}m_{230}^{(10)}\\
&+m_{100}^{(20)}m_{012}^{(22)}m_{140}^{(00)} - m_{100}^{(20)}m_{003}^{(00)}m_{140}^{(21)} + m_{100}^{(20)}m_{003}^{(00)}m_{131}^{(11)} + m_{100}^{(20)}m_{003}^{(00)}m_{050}^{(20)}\\
&-m_{100}^{(20)}m_{003}^{(00)}m_{041}^{(10)} + 2m_{100}^{(20)}m_{003}^{(10)}m_{230}^{(21)} - m_{100}^{(20)}m_{003}^{(10)}m_{221}^{(11)} - 2m_{100}^{(20)}m_{003}^{(10)}m_{140}^{(20)}\\
&+m_{100}^{(20)}m_{003}^{(10)}m_{041}^{(00)} - m_{100}^{(20)}m_{003}^{(11)}m_{320}^{(21)} + m_{100}^{(20)}m_{003}^{(11)}m_{230}^{(20)} + m_{100}^{(20)}m_{003}^{(11)}m_{221}^{(10)}\\
&-m_{100}^{(20)}m_{003}^{(11)}m_{131}^{(00)} - m_{100}^{(20)}m_{003}^{(20)}m_{230}^{(11)} + 2m_{100}^{(20)}m_{003}^{(20)}m_{140}^{(10)} - m_{100}^{(20)}m_{003}^{(20)}m_{050}^{(00)}\\
&+m_{100}^{(20)}m_{003}^{(21)}m_{320}^{(11)} - 2m_{100}^{(20)}m_{003}^{(21)}m_{230}^{(10)} + m_{100}^{(20)}m_{003}^{(21)}m_{140}^{(00)} + 2m_{100}^{(21)}m_{210}^{(00)}m_{032}^{(22)}\\
&-4m_{100}^{(21)}m_{210}^{(00)}m_{023}^{(21)} + 2m_{100}^{(21)}m_{210}^{(00)}m_{014}^{(11)} - 3m_{100}^{(21)}m_{210}^{(10)}m_{122}^{(22)} + 4m_{100}^{(21)}m_{210}^{(10)}m_{113}^{(21)}\\
&-m_{100}^{(21)}m_{210}^{(10)}m_{104}^{(11)} + 2m_{100}^{(21)}m_{210}^{(10)}m_{023}^{(20)} - 2m_{100}^{(21)}m_{210}^{(10)}m_{014}^{(10)} + m_{100}^{(21)}m_{210}^{(11)}m_{212}^{(22)}\\
&-m_{100}^{(21)}m_{210}^{(11)}m_{203}^{(21)} - m_{100}^{(21)}m_{210}^{(11)}m_{113}^{(20)} + m_{100}^{(21)}m_{210}^{(11)}m_{104}^{(10)} - m_{100}^{(21)}m_{210}^{(20)}m_{131}^{(22)}\\
&+4m_{100}^{(21)}m_{210}^{(20)}m_{122}^{(21)} - 3m_{100}^{(21)}m_{210}^{(20)}m_{113}^{(11)} - 2m_{100}^{(21)}m_{210}^{(20)}m_{032}^{(20)} + 2m_{100}^{(21)}m_{210}^{(20)}m_{023}^{(10)}\\
&+m_{100}^{(21)}m_{210}^{(21)}m_{221}^{(22)} - 2m_{100}^{(21)}m_{210}^{(21)}m_{212}^{(21)} + m_{100}^{(21)}m_{210}^{(21)}m_{203}^{(11)} - m_{100}^{(21)}m_{210}^{(22)}m_{221}^{(21)}\\
&+m_{100}^{(21)}m_{210}^{(22)}m_{212}^{(11)} + m_{100}^{(21)}m_{210}^{(22)}m_{131}^{(20)} - m_{100}^{(21)}m_{210}^{(22)}m_{122}^{(10)} - 2m_{100}^{(21)}m_{201}^{(00)}m_{041}^{(22)}\\
&+4m_{100}^{(21)}m_{201}^{(00)}m_{032}^{(21)} - 2m_{100}^{(21)}m_{201}^{(00)}m_{023}^{(11)} + 3m_{100}^{(21)}m_{201}^{(10)}m_{131}^{(22)} - 4m_{100}^{(21)}m_{201}^{(10)}m_{122}^{(21)}\\
&+m_{100}^{(21)}m_{201}^{(10)}m_{113}^{(11)} - 2m_{100}^{(21)}m_{201}^{(10)}m_{032}^{(20)} + 2m_{100}^{(21)}m_{201}^{(10)}m_{023}^{(10)} - m_{100}^{(21)}m_{201}^{(11)}m_{221}^{(22)}\\
&+m_{100}^{(21)}m_{201}^{(11)}m_{212}^{(21)} + m_{100}^{(21)}m_{201}^{(11)}m_{122}^{(20)} - m_{100}^{(21)}m_{201}^{(11)}m_{113}^{(10)} + m_{100}^{(21)}m_{201}^{(20)}m_{140}^{(22)}\\
&-4m_{100}^{(21)}m_{201}^{(20)}m_{131}^{(21)} + 3m_{100}^{(21)}m_{201}^{(20)}m_{122}^{(11)} + 2m_{100}^{(21)}m_{201}^{(20)}m_{041}^{(20)} - 2m_{100}^{(21)}m_{201}^{(20)}m_{032}^{(10)}\\
&-m_{100}^{(21)}m_{201}^{(21)}m_{230}^{(22)} + 2m_{100}^{(21)}m_{201}^{(21)}m_{221}^{(21)} - m_{100}^{(21)}m_{201}^{(21)}m_{212}^{(11)} + m_{100}^{(21)}m_{201}^{(22)}m_{230}^{(21)}\\
&-m_{100}^{(21)}m_{201}^{(22)}m_{221}^{(11)} - m_{100}^{(21)}m_{201}^{(22)}m_{140}^{(20)} + m_{100}^{(21)}m_{201}^{(22)}m_{131}^{(10)} - 3m_{100}^{(21)}m_{120}^{(00)}m_{122}^{(22)}\\
&+4m_{100}^{(21)}m_{120}^{(00)}m_{113}^{(21)} - m_{100}^{(21)}m_{120}^{(00)}m_{104}^{(11)} + 2m_{100}^{(21)}m_{120}^{(00)}m_{023}^{(20)} - 2m_{100}^{(21)}m_{120}^{(00)}m_{014}^{(10)}\\
&+4m_{100}^{(21)}m_{120}^{(10)}m_{212}^{(22)} - 2m_{100}^{(21)}m_{120}^{(10)}m_{203}^{(21)} - 6m_{100}^{(21)}m_{120}^{(10)}m_{113}^{(20)} + 2m_{100}^{(21)}m_{120}^{(10)}m_{104}^{(10)}\\
&+2m_{100}^{(21)}m_{120}^{(10)}m_{014}^{(00)} - m_{100}^{(21)}m_{120}^{(11)}m_{302}^{(22)} + 2m_{100}^{(21)}m_{120}^{(11)}m_{203}^{(20)} - m_{100}^{(21)}m_{120}^{(11)}m_{104}^{(00)}\\
&+2m_{100}^{(21)}m_{120}^{(20)}m_{221}^{(22)} - 6m_{100}^{(21)}m_{120}^{(20)}m_{212}^{(21)} + 2m_{100}^{(21)}m_{120}^{(20)}m_{203}^{(11)} + 2m_{100}^{(21)}m_{120}^{(20)}m_{122}^{(20)}\\
&+2m_{100}^{(21)}m_{120}^{(20)}m_{113}^{(10)} - 2m_{100}^{(21)}m_{120}^{(20)}m_{023}^{(00)} - 2m_{100}^{(21)}m_{120}^{(21)}m_{311}^{(22)} + 2m_{100}^{(21)}m_{120}^{(21)}m_{302}^{(21)}\\
&+2m_{100}^{(21)}m_{120}^{(21)}m_{212}^{(20)} - 2m_{100}^{(21)}m_{120}^{(21)}m_{203}^{(10)} + 2m_{100}^{(21)}m_{120}^{(22)}m_{311}^{(21)} - m_{100}^{(21)}m_{120}^{(22)}m_{302}^{(11)}
\end{aligned}
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\begin{aligned}
&-2m_{100}^{(21)}m_{120}^{(22)}m_{221}^{(20)} + m_{100}^{(21)}m_{120}^{(22)}m_{122}^{(00)} + 2m_{100}^{(21)}m_{111}^{(00)}m_{131}^{(22)} - 2m_{100}^{(21)}m_{111}^{(00)}m_{113}^{(11)}\\
&-4m_{100}^{(21)}m_{111}^{(00)}m_{032}^{(20)} + 4m_{100}^{(21)}m_{111}^{(00)}m_{023}^{(10)} - 2m_{100}^{(21)}m_{111}^{(10)}m_{221}^{(22)} - 4m_{100}^{(21)}m_{111}^{(10)}m_{212}^{(21)}\\
&+2m_{100}^{(21)}m_{111}^{(10)}m_{203}^{(11)} + 8m_{100}^{(21)}m_{111}^{(10)}m_{122}^{(20)} - 4m_{100}^{(21)}m_{111}^{(10)}m_{023}^{(00)} + 2m_{100}^{(21)}m_{111}^{(11)}m_{302}^{(21)}\\
&-2m_{100}^{(21)}m_{111}^{(11)}m_{212}^{(20)} - 2m_{100}^{(21)}m_{111}^{(11)}m_{203}^{(10)} + 2m_{100}^{(21)}m_{111}^{(11)}m_{113}^{(00)} - 2m_{100}^{(21)}m_{111}^{(20)}m_{230}^{(22)}\\
&+4m_{100}^{(21)}m_{111}^{(20)}m_{221}^{(21)} + 2m_{100}^{(21)}m_{111}^{(20)}m_{212}^{(11)} - 8m_{100}^{(21)}m_{111}^{(20)}m_{122}^{(10)} + 4m_{100}^{(21)}m_{111}^{(20)}m_{032}^{(00)}\\
&+2m_{100}^{(21)}m_{111}^{(21)}m_{320}^{(22)} - 2m_{100}^{(21)}m_{111}^{(21)}m_{302}^{(11)} - 4m_{100}^{(21)}m_{111}^{(21)}m_{221}^{(20)} + 4m_{100}^{(21)}m_{111}^{(21)}m_{212}^{(10)}\\
&-2m_{100}^{(21)}m_{111}^{(22)}m_{320}^{(21)} + 2m_{100}^{(21)}m_{111}^{(22)}m_{230}^{(20)} + 2m_{100}^{(21)}m_{111}^{(22)}m_{221}^{(10)} - 2m_{100}^{(21)}m_{111}^{(22)}m_{131}^{(00)}\\
&+m_{100}^{(21)}m_{102}^{(00)}m_{140}^{(22)} - 4m_{100}^{(21)}m_{102}^{(00)}m_{131}^{(21)} + 3m_{100}^{(21)}m_{102}^{(00)}m_{122}^{(11)} + 2m_{100}^{(21)}m_{102}^{(00)}m_{041}^{(20)}\\
&-2m_{100}^{(21)}m_{102}^{(00)}m_{032}^{(10)} - 2m_{100}^{(21)}m_{102}^{(10)}m_{230}^{(22)} + 6m_{100}^{(21)}m_{102}^{(10)}m_{221}^{(21)} - 2m_{100}^{(21)}m_{102}^{(10)}m_{212}^{(11)}\\
&-2m_{100}^{(21)}m_{102}^{(10)}m_{131}^{(20)} - 2m_{100}^{(21)}m_{102}^{(10)}m_{122}^{(10)} + 2m_{100}^{(21)}m_{102}^{(10)}m_{032}^{(00)} + m_{100}^{(21)}m_{102}^{(11)}m_{320}^{(22)}\\
&-2m_{100}^{(21)}m_{102}^{(11)}m_{311}^{(21)} + 2m_{100}^{(21)}m_{102}^{(11)}m_{212}^{(10)} - m_{100}^{(21)}m_{102}^{(11)}m_{122}^{(00)} + 2m_{100}^{(21)}m_{102}^{(20)}m_{230}^{(21)}\\
&-4m_{100}^{(21)}m_{102}^{(20)}m_{221}^{(11)} - 2m_{100}^{(21)}m_{102}^{(20)}m_{140}^{(20)} + 6m_{100}^{(21)}m_{102}^{(20)}m_{131}^{(10)} - 2m_{100}^{(21)}m_{102}^{(20)}m_{041}^{(00)}\\
&-2m_{100}^{(21)}m_{102}^{(21)}m_{320}^{(21)} + 2m_{100}^{(21)}m_{102}^{(21)}m_{311}^{(11)} + 2m_{100}^{(21)}m_{102}^{(21)}m_{230}^{(20)} - 2m_{100}^{(21)}m_{102}^{(21)}m_{221}^{(10)}\\
&+m_{100}^{(21)}m_{102}^{(22)}m_{320}^{(11)} - 2m_{100}^{(21)}m_{102}^{(22)}m_{230}^{(10)} + m_{100}^{(21)}m_{102}^{(22)}m_{140}^{(00)} + m_{100}^{(21)}m_{030}^{(00)}m_{212}^{(22)}\\
&-m_{100}^{(21)}m_{030}^{(00)}m_{203}^{(21)} - m_{100}^{(21)}m_{030}^{(00)}m_{113}^{(20)} + m_{100}^{(21)}m_{030}^{(00)}m_{104}^{(10)} - m_{100}^{(21)}m_{030}^{(10)}m_{302}^{(22)}\\
&+2m_{100}^{(21)}m_{030}^{(10)}m_{203}^{(20)} - m_{100}^{(21)}m_{030}^{(10)}m_{104}^{(00)} - m_{100}^{(21)}m_{030}^{(20)}m_{311}^{(22)} + 2m_{100}^{(21)}m_{030}^{(20)}m_{302}^{(21)}\\
&-2m_{100}^{(21)}m_{030}^{(20)}m_{203}^{(10)} + m_{100}^{(21)}m_{030}^{(20)}m_{113}^{(00)} + m_{100}^{(21)}m_{030}^{(21)}m_{401}^{(22)} - 2m_{100}^{(21)}m_{030}^{(21)}m_{302}^{(20)}\\
&+m_{100}^{(21)}m_{030}^{(21)}m_{203}^{(00)} - m_{100}^{(21)}m_{030}^{(22)}m_{401}^{(21)} + m_{100}^{(21)}m_{030}^{(22)}m_{311}^{(20)} + m_{100}^{(21)}m_{030}^{(22)}m_{302}^{(10)}\\
&-m_{100}^{(21)}m_{030}^{(22)}m_{212}^{(00)} - m_{100}^{(21)}m_{021}^{(00)}m_{212}^{(21)} + m_{100}^{(21)}m_{021}^{(00)}m_{203}^{(11)} + m_{100}^{(21)}m_{021}^{(00)}m_{122}^{(20)}\\
&-m_{100}^{(21)}m_{021}^{(00)}m_{113}^{(10)} - m_{100}^{(21)}m_{021}^{(10)}m_{311}^{(22)} + 2m_{100}^{(21)}m_{021}^{(10)}m_{302}^{(21)} - 2m_{100}^{(21)}m_{021}^{(10)}m_{203}^{(10)}\\
&+m_{100}^{(21)}m_{021}^{(10)}m_{113}^{(00)} + m_{100}^{(21)}m_{021}^{(11)}m_{401}^{(22)} - 2m_{100}^{(21)}m_{021}^{(11)}m_{302}^{(20)} + m_{100}^{(21)}m_{021}^{(11)}m_{203}^{(00)}\\
&+m_{100}^{(21)}m_{021}^{(20)}m_{320}^{(22)} - 2m_{100}^{(21)}m_{021}^{(20)}m_{302}^{(11)} - 2m_{100}^{(21)}m_{021}^{(20)}m_{221}^{(20)} + 4m_{100}^{(21)}m_{021}^{(20)}m_{212}^{(10)}\\
&-m_{100}^{(21)}m_{021}^{(20)}m_{122}^{(00)} - m_{100}^{(21)}m_{021}^{(21)}m_{410}^{(22)} - 2m_{100}^{(21)}m_{021}^{(21)}m_{401}^{(21)} + 4m_{100}^{(21)}m_{021}^{(21)}m_{311}^{(20)}\\
&+2m_{100}^{(21)}m_{021}^{(21)}m_{302}^{(10)} - 3m_{100}^{(21)}m_{021}^{(21)}m_{212}^{(00)} + m_{100}^{(21)}m_{021}^{(22)}m_{410}^{(21)} + m_{100}^{(21)}m_{021}^{(22)}m_{401}^{(11)}\\
&-m_{100}^{(21)}m_{021}^{(22)}m_{320}^{(20)} - 3m_{100}^{(21)}m_{021}^{(22)}m_{311}^{(10)} + 2m_{100}^{(21)}m_{021}^{(22)}m_{221}^{(00)} - m_{100}^{(21)}m_{012}^{(00)}m_{230}^{(22)}\\
&+m_{100}^{(21)}m_{012}^{(00)}m_{221}^{(21)} + m_{100}^{(21)}m_{012}^{(00)}m_{131}^{(20)} - m_{100}^{(21)}m_{012}^{(00)}m_{122}^{(10)} + 2m_{100}^{(21)}m_{012}^{(10)}m_{320}^{(22)}\\
&-m_{100}^{(21)}m_{012}^{(10)}m_{302}^{(11)} - 4m_{100}^{(21)}m_{012}^{(10)}m_{221}^{(20)} + 2m_{100}^{(21)}m_{012}^{(10)}m_{212}^{(10)} + m_{100}^{(21)}m_{012}^{(10)}m_{122}^{(00)}\\
&-m_{100}^{(21)}m_{012}^{(11)}m_{410}^{(22)} - m_{100}^{(21)}m_{012}^{(11)}m_{401}^{(21)} + 3m_{100}^{(21)}m_{012}^{(11)}m_{311}^{(20)} + m_{100}^{(21)}m_{012}^{(11)}m_{302}^{(10)}\\
&-2m_{100}^{(21)}m_{012}^{(11)}m_{212}^{(00)} - 2m_{100}^{(21)}m_{012}^{(20)}m_{320}^{(21)} + m_{100}^{(21)}m_{012}^{(20)}m_{311}^{(11)} + 2m_{100}^{(21)}m_{012}^{(20)}m_{230}^{(20)}\\
&-m_{100}^{(21)}m_{012}^{(20)}m_{131}^{(00)} + 2m_{100}^{(21)}m_{012}^{(21)}m_{410}^{(21)} + m_{100}^{(21)}m_{012}^{(21)}m_{401}^{(11)} - 2m_{100}^{(21)}m_{012}^{(21)}m_{320}^{(20)}\\
&-4m_{100}^{(21)}m_{012}^{(21)}m_{311}^{(10)} + 3m_{100}^{(21)}m_{012}^{(21)}m_{221}^{(00)} - m_{100}^{(21)}m_{012}^{(22)}m_{410}^{(11)} + 2m_{100}^{(21)}m_{012}^{(22)}m_{320}^{(10)}\\
&-m_{100}^{(21)}m_{012}^{(22)}m_{230}^{(00)} + m_{100}^{(21)}m_{003}^{(00)}m_{230}^{(21)} - m_{100}^{(21)}m_{003}^{(00)}m_{221}^{(11)} - m_{100}^{(21)}m_{003}^{(00)}m_{140}^{(20)}\\
&+m_{100}^{(21)}m_{003}^{(00)}m_{131}^{(10)} - 2m_{100}^{(21)}m_{003}^{(10)}m_{320}^{(21)} + m_{100}^{(21)}m_{003}^{(10)}m_{311}^{(11)} + 2m_{100}^{(21)}m_{003}^{(10)}m_{230}^{(20)}\\
&-m_{100}^{(21)}m_{003}^{(10)}m_{131}^{(00)} + m_{100}^{(21)}m_{003}^{(11)}m_{410}^{(21)} - m_{100}^{(21)}m_{003}^{(11)}m_{320}^{(20)} - m_{100}^{(21)}m_{003}^{(11)}m_{311}^{(10)}\\
&+m_{100}^{(21)}m_{003}^{(11)}m_{221}^{(00)} + m_{100}^{(21)}m_{003}^{(20)}m_{320}^{(11)} - 2m_{100}^{(21)}m_{003}^{(20)}m_{230}^{(10)} + m_{100}^{(21)}m_{003}^{(20)}m_{140}^{(00)}\\
&-m_{100}^{(21)}m_{003}^{(21)}m_{410}^{(11)} + 2m_{100}^{(21)}m_{003}^{(21)}m_{320}^{(10)} - m_{100}^{(21)}m_{003}^{(21)}m_{230}^{(00)} - m_{100}^{(22)}m_{210}^{(00)}m_{041}^{(22)}\\
&+2m_{100}^{(22)}m_{210}^{(00)}m_{032}^{(21)} - m_{100}^{(22)}m_{210}^{(00)}m_{023}^{(11)} + 2m_{100}^{(22)}m_{210}^{(10)}m_{131}^{(22)} - 3m_{100}^{(22)}m_{210}^{(10)}m_{122}^{(21)}\\
&+m_{100}^{(22)}m_{210}^{(10)}m_{113}^{(11)} - m_{100}^{(22)}m_{210}^{(10)}m_{032}^{(20)} + m_{100}^{(22)}m_{210}^{(10)}m_{023}^{(10)} - m_{100}^{(22)}m_{210}^{(11)}m_{221}^{(22)}
\end{aligned}
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\begin{aligned}
&+m_{100}^{(22)}m_{210}^{(11)}m_{212}^{(21)}+m_{100}^{(22)}m_{210}^{(11)}m_{122}^{(20)}-m_{100}^{(22)}m_{210}^{(11)}m_{113}^{(10)}-m_{100}^{(22)}m_{210}^{(20)}m_{131}^{(21)}\\
&+m_{100}^{(22)}m_{210}^{(20)}m_{122}^{(11)}+m_{100}^{(22)}m_{210}^{(20)}m_{041}^{(20)}-m_{100}^{(22)}m_{210}^{(20)}m_{032}^{(10)}+m_{100}^{(22)}m_{210}^{(21)}m_{221}^{(21)}\\
&-m_{100}^{(22)}m_{210}^{(21)}m_{212}^{(11)}-m_{100}^{(22)}m_{210}^{(21)}m_{131}^{(20)}+m_{100}^{(22)}m_{210}^{(21)}m_{122}^{(10)}+m_{100}^{(22)}m_{201}^{(00)}m_{050}^{(22)}\\
&-2m_{100}^{(22)}m_{201}^{(00)}m_{041}^{(21)}+m_{100}^{(22)}m_{201}^{(00)}m_{032}^{(11)}-2m_{100}^{(22)}m_{201}^{(10)}m_{140}^{(22)}+3m_{100}^{(22)}m_{201}^{(10)}m_{131}^{(21)}\\
&-m_{100}^{(22)}m_{201}^{(10)}m_{122}^{(11)}+m_{100}^{(22)}m_{201}^{(10)}m_{041}^{(20)}-m_{100}^{(22)}m_{201}^{(10)}m_{032}^{(10)}+m_{100}^{(22)}m_{201}^{(11)}m_{230}^{(22)}\\
&-m_{100}^{(22)}m_{201}^{(11)}m_{221}^{(21)}-m_{100}^{(22)}m_{201}^{(11)}m_{131}^{(20)}+m_{100}^{(22)}m_{201}^{(11)}m_{122}^{(10)}+m_{100}^{(22)}m_{201}^{(20)}m_{140}^{(21)}\\
&-m_{100}^{(22)}m_{201}^{(20)}m_{131}^{(11)}-m_{100}^{(22)}m_{201}^{(20)}m_{050}^{(20)}+m_{100}^{(22)}m_{201}^{(20)}m_{041}^{(10)}-m_{100}^{(22)}m_{201}^{(21)}m_{230}^{(21)}\\
&+m_{100}^{(22)}m_{201}^{(21)}m_{221}^{(11)}+m_{100}^{(22)}m_{201}^{(21)}m_{140}^{(20)}-m_{100}^{(22)}m_{201}^{(21)}m_{131}^{(10)}+2m_{100}^{(22)}m_{120}^{(00)}m_{131}^{(22)}\\
&-3m_{100}^{(22)}m_{120}^{(00)}m_{122}^{(21)}+m_{100}^{(22)}m_{120}^{(00)}m_{113}^{(11)}-m_{100}^{(22)}m_{120}^{(00)}m_{032}^{(20)}+m_{100}^{(22)}m_{120}^{(00)}m_{023}^{(10)}\\
&-4m_{100}^{(22)}m_{120}^{(10)}m_{221}^{(22)}+4m_{100}^{(22)}m_{120}^{(10)}m_{212}^{(21)}-m_{100}^{(22)}m_{120}^{(10)}m_{203}^{(11)}+4m_{100}^{(22)}m_{120}^{(10)}m_{122}^{(20)}\\
&-2m_{100}^{(22)}m_{120}^{(10)}m_{113}^{(10)}-m_{100}^{(22)}m_{120}^{(10)}m_{023}^{(00)}+2m_{100}^{(22)}m_{120}^{(11)}m_{311}^{(22)}-m_{100}^{(22)}m_{120}^{(11)}m_{302}^{(21)}\\
&-3m_{100}^{(22)}m_{120}^{(11)}m_{212}^{(20)}+m_{100}^{(22)}m_{120}^{(11)}m_{203}^{(10)}+m_{100}^{(22)}m_{120}^{(11)}m_{113}^{(00)}+2m_{100}^{(22)}m_{120}^{(20)}m_{221}^{(21)}\\
&-m_{100}^{(22)}m_{120}^{(20)}m_{212}^{(11)}-2m_{100}^{(22)}m_{120}^{(20)}m_{131}^{(20)}+m_{100}^{(22)}m_{120}^{(20)}m_{032}^{(00)}-2m_{100}^{(22)}m_{120}^{(21)}m_{311}^{(21)}\\
&+m_{100}^{(22)}m_{120}^{(21)}m_{302}^{(11)}+2m_{100}^{(22)}m_{120}^{(21)}m_{221}^{(20)}-m_{100}^{(22)}m_{120}^{(21)}m_{122}^{(00)}-2m_{100}^{(22)}m_{111}^{(00)}m_{140}^{(22)}\\
&+2m_{100}^{(22)}m_{111}^{(00)}m_{131}^{(21)}+2m_{100}^{(22)}m_{111}^{(00)}m_{041}^{(20)}-2m_{100}^{(22)}m_{111}^{(00)}m_{032}^{(10)}+4m_{100}^{(22)}m_{111}^{(10)}m_{230}^{(22)}\\
&-2m_{100}^{(22)}m_{111}^{(10)}m_{221}^{(21)}-6m_{100}^{(22)}m_{111}^{(10)}m_{131}^{(20)}+2m_{100}^{(22)}m_{111}^{(10)}m_{122}^{(10)}+2m_{100}^{(22)}m_{111}^{(10)}m_{032}^{(00)}\\
&-2m_{100}^{(22)}m_{111}^{(11)}m_{320}^{(22)}+4m_{100}^{(22)}m_{111}^{(11)}m_{221}^{(20)}-2m_{100}^{(22)}m_{111}^{(11)}m_{122}^{(00)}-2m_{100}^{(22)}m_{111}^{(20)}m_{230}^{(21)}\\
&+2m_{100}^{(22)}m_{111}^{(20)}m_{140}^{(20)}+2m_{100}^{(22)}m_{111}^{(20)}m_{131}^{(10)}-2m_{100}^{(22)}m_{111}^{(20)}m_{041}^{(00)}+2m_{100}^{(22)}m_{111}^{(21)}m_{320}^{(21)}\\
&-2m_{100}^{(22)}m_{111}^{(21)}m_{230}^{(20)}-2m_{100}^{(22)}m_{111}^{(21)}m_{221}^{(10)}+2m_{100}^{(22)}m_{111}^{(21)}m_{131}^{(00)}+m_{100}^{(22)}m_{102}^{(00)}m_{140}^{(21)}\\
&-m_{100}^{(22)}m_{102}^{(00)}m_{131}^{(11)}-m_{100}^{(22)}m_{102}^{(00)}m_{050}^{(20)}+m_{100}^{(22)}m_{102}^{(00)}m_{041}^{(10)}-2m_{100}^{(22)}m_{102}^{(10)}m_{230}^{(21)}\\
&+m_{100}^{(22)}m_{102}^{(10)}m_{221}^{(11)}+2m_{100}^{(22)}m_{102}^{(10)}m_{140}^{(20)}-m_{100}^{(22)}m_{102}^{(10)}m_{041}^{(00)}+m_{100}^{(22)}m_{102}^{(11)}m_{320}^{(21)}\\
&-m_{100}^{(22)}m_{102}^{(11)}m_{230}^{(20)}-m_{100}^{(22)}m_{102}^{(11)}m_{221}^{(10)}+m_{100}^{(22)}m_{102}^{(11)}m_{131}^{(00)}+m_{100}^{(22)}m_{102}^{(20)}m_{230}^{(11)}\\
&-2m_{100}^{(22)}m_{102}^{(20)}m_{140}^{(10)}+m_{100}^{(22)}m_{102}^{(20)}m_{050}^{(00)}-m_{100}^{(22)}m_{102}^{(21)}m_{320}^{(11)}+2m_{100}^{(22)}m_{102}^{(21)}m_{230}^{(10)}\\
&-m_{100}^{(22)}m_{102}^{(21)}m_{140}^{(00)}-m_{100}^{(22)}m_{030}^{(00)}m_{221}^{(22)}+m_{100}^{(22)}m_{030}^{(00)}m_{212}^{(21)}+m_{100}^{(22)}m_{030}^{(00)}m_{122}^{(20)}\\
&-m_{100}^{(22)}m_{030}^{(00)}m_{113}^{(10)}+2m_{100}^{(22)}m_{030}^{(10)}m_{311}^{(22)}-m_{100}^{(22)}m_{030}^{(10)}m_{302}^{(21)}-3m_{100}^{(22)}m_{030}^{(10)}m_{212}^{(20)}\\
&+m_{100}^{(22)}m_{030}^{(10)}m_{203}^{(10)}+m_{100}^{(22)}m_{030}^{(10)}m_{113}^{(00)}-m_{100}^{(22)}m_{030}^{(11)}m_{401}^{(22)}+2m_{100}^{(22)}m_{030}^{(11)}m_{302}^{(20)}\\
&-m_{100}^{(22)}m_{030}^{(11)}m_{203}^{(00)}-m_{100}^{(22)}m_{030}^{(20)}m_{311}^{(21)}+m_{100}^{(22)}m_{030}^{(20)}m_{221}^{(20)}+m_{100}^{(22)}m_{030}^{(20)}m_{212}^{(10)}\\
&-m_{100}^{(22)}m_{030}^{(20)}m_{122}^{(00)}+m_{100}^{(22)}m_{030}^{(21)}m_{401}^{(21)}-m_{100}^{(22)}m_{030}^{(21)}m_{311}^{(20)}-m_{100}^{(22)}m_{030}^{(21)}m_{302}^{(10)}\\
&+m_{100}^{(22)}m_{030}^{(21)}m_{212}^{(00)}+m_{100}^{(22)}m_{021}^{(00)}m_{230}^{(22)}-m_{100}^{(22)}m_{021}^{(00)}m_{212}^{(11)}-2m_{100}^{(22)}m_{021}^{(00)}m_{131}^{(20)}\\
&+2m_{100}^{(22)}m_{021}^{(00)}m_{122}^{(10)}-2m_{100}^{(22)}m_{021}^{(10)}m_{320}^{(22)}-m_{100}^{(22)}m_{021}^{(10)}m_{311}^{(21)}+m_{100}^{(22)}m_{021}^{(10)}m_{302}^{(11)}\\
&+5m_{100}^{(22)}m_{021}^{(10)}m_{221}^{(20)}-m_{100}^{(22)}m_{021}^{(10)}m_{212}^{(10)}-2m_{100}^{(22)}m_{021}^{(10)}m_{122}^{(00)}+m_{100}^{(22)}m_{021}^{(11)}m_{410}^{(22)}\\
&+m_{100}^{(22)}m_{021}^{(11)}m_{401}^{(21)}-3m_{100}^{(22)}m_{021}^{(11)}m_{311}^{(20)}-m_{100}^{(22)}m_{021}^{(11)}m_{302}^{(10)}+2m_{100}^{(22)}m_{021}^{(11)}m_{212}^{(00)}\\
&+m_{100}^{(22)}m_{021}^{(20)}m_{320}^{(21)}+m_{100}^{(22)}m_{021}^{(20)}m_{311}^{(11)}-m_{100}^{(22)}m_{021}^{(20)}m_{230}^{(20)}-3m_{100}^{(22)}m_{021}^{(20)}m_{221}^{(10)}\\
&+2m_{100}^{(22)}m_{021}^{(20)}m_{131}^{(00)}-m_{100}^{(22)}m_{021}^{(21)}m_{410}^{(21)}-m_{100}^{(22)}m_{021}^{(21)}m_{401}^{(11)}+m_{100}^{(22)}m_{021}^{(21)}m_{320}^{(20)}\\
&+3m_{100}^{(22)}m_{021}^{(21)}m_{311}^{(10)}-2m_{100}^{(22)}m_{021}^{(21)}m_{221}^{(00)}-m_{100}^{(22)}m_{012}^{(00)}m_{230}^{(21)}+m_{100}^{(22)}m_{012}^{(00)}m_{221}^{(11)}\\
&+m_{100}^{(22)}m_{012}^{(00)}m_{140}^{(20)}-m_{100}^{(22)}m_{012}^{(00)}m_{131}^{(10)}+2m_{100}^{(22)}m_{012}^{(10)}m_{320}^{(21)}-m_{100}^{(22)}m_{012}^{(10)}m_{311}^{(11)}\\
&-2m_{100}^{(22)}m_{012}^{(10)}m_{230}^{(20)}+m_{100}^{(22)}m_{012}^{(10)}m_{131}^{(00)}-m_{100}^{(22)}m_{012}^{(11)}m_{410}^{(21)}+m_{100}^{(22)}m_{012}^{(11)}m_{320}^{(20)}\\
&+m_{100}^{(22)}m_{012}^{(11)}m_{311}^{(10)}-m_{100}^{(22)}m_{012}^{(11)}m_{221}^{(00)}-m_{100}^{(22)}m_{012}^{(20)}m_{320}^{(11)}+2m_{100}^{(22)}m_{012}^{(20)}m_{230}^{(10)}
\end{aligned}
$$

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\begin{aligned}
&-m_{100}^{(22)}m_{012}^{(20)}m_{140}^{(00)}+m_{100}^{(22)}m_{012}^{(21)}m_{410}^{(11)}-2m_{100}^{(22)}m_{012}^{(21)}m_{320}^{(10)}+m_{100}^{(22)}m_{012}^{(21)}m_{230}^{(00)}\\
&+m_{010}^{(00)}m_{210}^{(10)}m_{023}^{(22)}-2m_{010}^{(00)}m_{210}^{(10)}m_{014}^{(21)}+m_{010}^{(00)}m_{210}^{(10)}m_{005}^{(11)}-m_{010}^{(00)}m_{210}^{(11)}m_{113}^{(22)}\\
&+m_{010}^{(00)}m_{210}^{(11)}m_{104}^{(21)}+m_{010}^{(00)}m_{210}^{(11)}m_{014}^{(20)}-m_{010}^{(00)}m_{210}^{(11)}m_{005}^{(10)}-m_{010}^{(00)}m_{210}^{(20)}m_{032}^{(22)}\\
&+2m_{010}^{(00)}m_{210}^{(20)}m_{023}^{(21)}-m_{010}^{(00)}m_{210}^{(20)}m_{014}^{(11)}+m_{010}^{(00)}m_{210}^{(21)}m_{122}^{(22)}-m_{010}^{(00)}m_{210}^{(21)}m_{104}^{(11)}\\
&-2m_{010}^{(00)}m_{210}^{(21)}m_{023}^{(20)}+2m_{010}^{(00)}m_{210}^{(21)}m_{014}^{(10)}-m_{010}^{(00)}m_{210}^{(22)}m_{122}^{(21)}+m_{010}^{(00)}m_{210}^{(22)}m_{113}^{(11)}\\
&+m_{010}^{(00)}m_{210}^{(22)}m_{032}^{(20)}-m_{010}^{(00)}m_{210}^{(22)}m_{023}^{(10)}-m_{010}^{(00)}m_{201}^{(10)}m_{032}^{(22)}+2m_{010}^{(00)}m_{201}^{(10)}m_{023}^{(21)}\\
&-m_{010}^{(00)}m_{201}^{(10)}m_{014}^{(11)}+m_{010}^{(00)}m_{201}^{(11)}m_{122}^{(22)}-m_{010}^{(00)}m_{201}^{(11)}m_{113}^{(21)}-m_{010}^{(00)}m_{201}^{(11)}m_{023}^{(20)}\\
&+m_{010}^{(00)}m_{201}^{(11)}m_{014}^{(10)}+m_{010}^{(00)}m_{201}^{(20)}m_{041}^{(22)}-2m_{010}^{(00)}m_{201}^{(20)}m_{032}^{(21)}+m_{010}^{(00)}m_{201}^{(20)}m_{023}^{(11)}\\
&-m_{010}^{(00)}m_{201}^{(21)}m_{131}^{(22)}+m_{010}^{(00)}m_{201}^{(21)}m_{113}^{(11)}+2m_{010}^{(00)}m_{201}^{(21)}m_{032}^{(20)}-2m_{010}^{(00)}m_{201}^{(21)}m_{023}^{(10)}\\
&+m_{010}^{(00)}m_{201}^{(22)}m_{131}^{(21)}-m_{010}^{(00)}m_{201}^{(22)}m_{122}^{(11)}-m_{010}^{(00)}m_{201}^{(22)}m_{041}^{(20)}+m_{010}^{(00)}m_{201}^{(22)}m_{032}^{(10)}\\
&-m_{010}^{(00)}m_{120}^{(10)}m_{113}^{(22)}+m_{010}^{(00)}m_{120}^{(10)}m_{104}^{(21)}+m_{010}^{(00)}m_{120}^{(10)}m_{014}^{(20)}-m_{010}^{(00)}m_{120}^{(10)}m_{005}^{(10)}\\
&+m_{010}^{(00)}m_{120}^{(11)}m_{203}^{(22)}-2m_{010}^{(00)}m_{120}^{(11)}m_{104}^{(20)}+m_{010}^{(00)}m_{120}^{(11)}m_{005}^{(00)}+m_{010}^{(00)}m_{120}^{(20)}m_{122}^{(22)}\\
&-m_{010}^{(00)}m_{120}^{(20)}m_{113}^{(21)}-m_{010}^{(00)}m_{120}^{(20)}m_{023}^{(20)}+m_{010}^{(00)}m_{120}^{(20)}m_{014}^{(10)}-m_{010}^{(00)}m_{120}^{(21)}m_{212}^{(22)}\\
&-m_{010}^{(00)}m_{120}^{(21)}m_{203}^{(21)}+3m_{010}^{(00)}m_{120}^{(21)}m_{113}^{(20)}+m_{010}^{(00)}m_{120}^{(21)}m_{104}^{(10)}-2m_{010}^{(00)}m_{120}^{(21)}m_{014}^{(00)}\\
&+m_{010}^{(00)}m_{120}^{(22)}m_{212}^{(21)}-m_{010}^{(00)}m_{120}^{(22)}m_{122}^{(20)}-m_{010}^{(00)}m_{120}^{(22)}m_{113}^{(10)}+m_{010}^{(00)}m_{120}^{(22)}m_{023}^{(00)}\\
&+2m_{010}^{(00)}m_{111}^{(10)}m_{113}^{(21)}-2m_{010}^{(00)}m_{111}^{(10)}m_{104}^{(11)}-2m_{010}^{(00)}m_{111}^{(10)}m_{023}^{(20)}+2m_{010}^{(00)}m_{111}^{(10)}m_{014}^{(10)}\\
&-2m_{010}^{(00)}m_{111}^{(11)}m_{203}^{(21)}+2m_{010}^{(00)}m_{111}^{(11)}m_{113}^{(20)}+2m_{010}^{(00)}m_{111}^{(11)}m_{104}^{(10)}-2m_{010}^{(00)}m_{111}^{(11)}m_{014}^{(00)}\\
&-2m_{010}^{(00)}m_{111}^{(20)}m_{122}^{(21)}+2m_{010}^{(00)}m_{111}^{(20)}m_{113}^{(11)}+2m_{010}^{(00)}m_{111}^{(20)}m_{032}^{(20)}-2m_{010}^{(00)}m_{111}^{(20)}m_{023}^{(10)}\\
&+2m_{010}^{(00)}m_{111}^{(21)}m_{212}^{(21)}+2m_{010}^{(00)}m_{111}^{(21)}m_{203}^{(11)}-2m_{010}^{(00)}m_{111}^{(21)}m_{122}^{(20)}-6m_{010}^{(00)}m_{111}^{(21)}m_{113}^{(10)}\\
&+4m_{010}^{(00)}m_{111}^{(21)}m_{023}^{(00)}-2m_{010}^{(00)}m_{111}^{(22)}m_{212}^{(11)}+4m_{010}^{(00)}m_{111}^{(22)}m_{122}^{(10)}-2m_{010}^{(00)}m_{111}^{(22)}m_{032}^{(00)}\\
&+m_{010}^{(00)}m_{102}^{(10)}m_{131}^{(22)}-3m_{010}^{(00)}m_{102}^{(10)}m_{122}^{(21)}+2m_{010}^{(00)}m_{102}^{(10)}m_{113}^{(11)}+m_{010}^{(00)}m_{102}^{(10)}m_{032}^{(20)}\\
&-m_{010}^{(00)}m_{102}^{(10)}m_{023}^{(10)}-m_{010}^{(00)}m_{102}^{(11)}m_{221}^{(22)}+2m_{010}^{(00)}m_{102}^{(11)}m_{212}^{(21)}-2m_{010}^{(00)}m_{102}^{(11)}m_{113}^{(10)}\\
&+m_{010}^{(00)}m_{102}^{(11)}m_{023}^{(00)}-m_{010}^{(00)}m_{102}^{(20)}m_{140}^{(22)}+3m_{010}^{(00)}m_{102}^{(20)}m_{131}^{(21)}-2m_{010}^{(00)}m_{102}^{(20)}m_{122}^{(11)}\\
&-m_{010}^{(00)}m_{102}^{(20)}m_{041}^{(20)}+m_{010}^{(00)}m_{102}^{(20)}m_{032}^{(10)}+m_{010}^{(00)}m_{102}^{(21)}m_{230}^{(22)}-m_{010}^{(00)}m_{102}^{(21)}m_{221}^{(21)}\\
&-2m_{010}^{(00)}m_{102}^{(21)}m_{212}^{(11)}-m_{010}^{(00)}m_{102}^{(21)}m_{131}^{(20)}+5m_{010}^{(00)}m_{102}^{(21)}m_{122}^{(10)}-2m_{010}^{(00)}m_{102}^{(21)}m_{032}^{(00)}\\
&-m_{010}^{(00)}m_{102}^{(22)}m_{230}^{(21)}+2m_{010}^{(00)}m_{102}^{(22)}m_{221}^{(11)}+m_{010}^{(00)}m_{102}^{(22)}m_{140}^{(20)}-3m_{010}^{(00)}m_{102}^{(22)}m_{131}^{(10)}\\
&+m_{010}^{(00)}m_{102}^{(22)}m_{041}^{(00)}+m_{010}^{(00)}m_{021}^{(10)}m_{212}^{(22)}-m_{010}^{(00)}m_{021}^{(10)}m_{203}^{(21)}-m_{010}^{(00)}m_{021}^{(10)}m_{113}^{(20)}\\
&+m_{010}^{(00)}m_{021}^{(10)}m_{104}^{(10)}-m_{010}^{(00)}m_{021}^{(11)}m_{302}^{(22)}+2m_{010}^{(00)}m_{021}^{(11)}m_{203}^{(20)}-m_{010}^{(00)}m_{021}^{(11)}m_{104}^{(00)}\\
&-m_{010}^{(00)}m_{021}^{(20)}m_{221}^{(22)}+m_{010}^{(00)}m_{021}^{(20)}m_{212}^{(21)}+m_{010}^{(00)}m_{021}^{(20)}m_{122}^{(20)}-m_{010}^{(00)}m_{021}^{(20)}m_{113}^{(10)}\\
&+m_{010}^{(00)}m_{021}^{(21)}m_{311}^{(22)}+m_{010}^{(00)}m_{021}^{(21)}m_{302}^{(21)}-3m_{010}^{(00)}m_{021}^{(21)}m_{212}^{(20)}-m_{010}^{(00)}m_{021}^{(21)}m_{203}^{(10)}\\
&+2m_{010}^{(00)}m_{021}^{(21)}m_{113}^{(00)}-m_{010}^{(00)}m_{021}^{(22)}m_{311}^{(21)}+m_{010}^{(00)}m_{021}^{(22)}m_{221}^{(20)}+m_{010}^{(00)}m_{021}^{(22)}m_{212}^{(10)}\\
&-m_{010}^{(00)}m_{021}^{(22)}m_{122}^{(00)}-m_{010}^{(00)}m_{012}^{(10)}m_{221}^{(22)}+m_{010}^{(00)}m_{012}^{(10)}m_{203}^{(11)}+2m_{010}^{(00)}m_{012}^{(10)}m_{122}^{(20)}\\
&-2m_{010}^{(00)}m_{012}^{(10)}m_{113}^{(10)}+m_{010}^{(00)}m_{012}^{(11)}m_{311}^{(22)}+m_{010}^{(00)}m_{012}^{(11)}m_{302}^{(21)}-3m_{010}^{(00)}m_{012}^{(11)}m_{212}^{(20)}\\
&-m_{010}^{(00)}m_{012}^{(11)}m_{203}^{(10)}+2m_{010}^{(00)}m_{012}^{(11)}m_{113}^{(00)}+m_{010}^{(00)}m_{012}^{(20)}m_{230}^{(22)}-m_{010}^{(00)}m_{012}^{(20)}m_{212}^{(11)}\\
&-2m_{010}^{(00)}m_{012}^{(20)}m_{131}^{(20)}+2m_{010}^{(00)}m_{012}^{(20)}m_{122}^{(10)}-m_{010}^{(00)}m_{012}^{(21)}m_{320}^{(22)}-2m_{010}^{(00)}m_{012}^{(21)}m_{311}^{(21)}\\
&-m_{010}^{(00)}m_{012}^{(21)}m_{302}^{(11)}+4m_{010}^{(00)}m_{012}^{(21)}m_{221}^{(20)}+4m_{010}^{(00)}m_{012}^{(21)}m_{212}^{(10)}-4m_{010}^{(00)}m_{012}^{(21)}m_{122}^{(00)}\\
&+m_{010}^{(00)}m_{012}^{(22)}m_{320}^{(21)}+m_{010}^{(00)}m_{012}^{(22)}m_{311}^{(11)}-m_{010}^{(00)}m_{012}^{(22)}m_{230}^{(20)}-3m_{010}^{(00)}m_{012}^{(22)}m_{221}^{(10)}\\
&+2m_{010}^{(00)}m_{012}^{(22)}m_{131}^{(00)}+m_{010}^{(00)}m_{003}^{(10)}m_{221}^{(21)}-m_{010}^{(00)}m_{003}^{(10)}m_{212}^{(11)}-m_{010}^{(00)}m_{003}^{(10)}m_{131}^{(20)}
\end{aligned}
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\begin{aligned}
&+m_{010}^{(00)}m_{003}^{(10)}m_{122}^{(10)} - m_{010}^{(00)}m_{003}^{(11)}m_{311}^{(21)} + m_{010}^{(00)}m_{003}^{(11)}m_{221}^{(20)} + m_{010}^{(00)}m_{003}^{(11)}m_{212}^{(10)}\\
&-m_{010}^{(00)}m_{003}^{(11)}m_{122}^{(00)} - m_{010}^{(00)}m_{003}^{(20)}m_{230}^{(21)} + m_{010}^{(00)}m_{003}^{(20)}m_{221}^{(11)} + m_{010}^{(00)}m_{003}^{(20)}m_{140}^{(20)}\\
&-m_{010}^{(00)}m_{003}^{(20)}m_{131}^{(10)} + m_{010}^{(00)}m_{003}^{(21)}m_{320}^{(21)} + m_{010}^{(00)}m_{003}^{(21)}m_{311}^{(11)} - m_{010}^{(00)}m_{003}^{(21)}m_{230}^{(20)}\\
&-3m_{010}^{(00)}m_{003}^{(21)}m_{221}^{(10)} + 2m_{010}^{(00)}m_{003}^{(21)}m_{131}^{(00)} - m_{010}^{(00)}m_{003}^{(22)}m_{320}^{(11)} + 2m_{010}^{(00)}m_{003}^{(22)}m_{230}^{(10)}\\
&-m_{010}^{(00)}m_{003}^{(22)}m_{140}^{(00)} - m_{010}^{(10)}m_{300}^{(10)}m_{023}^{(22)} + 2m_{010}^{(10)}m_{300}^{(10)}m_{014}^{(21)} - m_{010}^{(10)}m_{300}^{(10)}m_{005}^{(11)}\\
&+m_{010}^{(10)}m_{300}^{(11)}m_{113}^{(22)} - m_{010}^{(10)}m_{300}^{(11)}m_{104}^{(21)} - m_{010}^{(10)}m_{300}^{(11)}m_{014}^{(20)} + m_{010}^{(10)}m_{300}^{(11)}m_{005}^{(10)}\\
&+m_{010}^{(10)}m_{300}^{(20)}m_{032}^{(22)} - 2m_{010}^{(10)}m_{300}^{(20)}m_{023}^{(21)} + m_{010}^{(10)}m_{300}^{(20)}m_{014}^{(11)} - m_{010}^{(10)}m_{300}^{(21)}m_{122}^{(22)}\\
&+m_{010}^{(10)}m_{300}^{(21)}m_{104}^{(11)} + 2m_{010}^{(10)}m_{300}^{(21)}m_{023}^{(20)} - 2m_{010}^{(10)}m_{300}^{(21)}m_{014}^{(10)} + m_{010}^{(10)}m_{300}^{(22)}m_{122}^{(21)}\\
&-m_{010}^{(10)}m_{300}^{(22)}m_{113}^{(11)} - m_{010}^{(10)}m_{300}^{(22)}m_{032}^{(20)} + m_{010}^{(10)}m_{300}^{(22)}m_{023}^{(10)} - m_{010}^{(10)}m_{210}^{(00)}m_{023}^{(22)}\\
&+2m_{010}^{(10)}m_{210}^{(00)}m_{014}^{(21)} - m_{010}^{(10)}m_{210}^{(00)}m_{005}^{(11)} + 2m_{010}^{(10)}m_{210}^{(10)}m_{113}^{(22)} - 2m_{010}^{(10)}m_{210}^{(10)}m_{104}^{(21)}\\
&-2m_{010}^{(10)}m_{210}^{(10)}m_{014}^{(20)} + 2m_{010}^{(10)}m_{210}^{(10)}m_{005}^{(10)} - m_{010}^{(10)}m_{210}^{(11)}m_{203}^{(22)} + 2m_{010}^{(10)}m_{210}^{(11)}m_{104}^{(20)}\\
&-m_{010}^{(10)}m_{210}^{(11)}m_{005}^{(00)} - 2m_{010}^{(10)}m_{210}^{(20)}m_{113}^{(21)} + 2m_{010}^{(10)}m_{210}^{(20)}m_{104}^{(11)} + 2m_{010}^{(10)}m_{210}^{(20)}m_{023}^{(20)}\\
&-2m_{010}^{(10)}m_{210}^{(20)}m_{014}^{(10)} + 2m_{010}^{(10)}m_{210}^{(21)}m_{203}^{(21)} - 2m_{010}^{(10)}m_{210}^{(21)}m_{113}^{(20)} - 2m_{010}^{(10)}m_{210}^{(21)}m_{104}^{(10)}\\
&+2m_{010}^{(10)}m_{210}^{(21)}m_{014}^{(00)} - m_{010}^{(10)}m_{210}^{(22)}m_{203}^{(11)} + 2m_{010}^{(10)}m_{210}^{(22)}m_{113}^{(10)} - m_{010}^{(10)}m_{210}^{(22)}m_{023}^{(00)}\\
&+m_{010}^{(10)}m_{201}^{(00)}m_{032}^{(22)} - 2m_{010}^{(10)}m_{201}^{(00)}m_{023}^{(21)} + m_{010}^{(10)}m_{201}^{(00)}m_{014}^{(11)} + m_{010}^{(10)}m_{201}^{(10)}m_{122}^{(22)}\\
&-4m_{010}^{(10)}m_{201}^{(10)}m_{113}^{(21)} + 3m_{010}^{(10)}m_{201}^{(10)}m_{104}^{(11)} + 2m_{010}^{(10)}m_{201}^{(10)}m_{023}^{(20)} - 2m_{010}^{(10)}m_{201}^{(10)}m_{014}^{(10)}\\
&-2m_{010}^{(10)}m_{201}^{(11)}m_{212}^{(22)} + 3m_{010}^{(10)}m_{201}^{(11)}m_{203}^{(21)} + m_{010}^{(10)}m_{201}^{(11)}m_{113}^{(20)} - 3m_{010}^{(10)}m_{201}^{(11)}m_{104}^{(10)}\\
&+m_{010}^{(10)}m_{201}^{(11)}m_{014}^{(00)} - 3m_{010}^{(10)}m_{201}^{(20)}m_{131}^{(22)} + 8m_{010}^{(10)}m_{201}^{(20)}m_{122}^{(21)} - 5m_{010}^{(10)}m_{201}^{(20)}m_{113}^{(11)}\\
&-2m_{010}^{(10)}m_{201}^{(20)}m_{032}^{(20)} + 2m_{010}^{(10)}m_{201}^{(20)}m_{023}^{(10)} + 3m_{010}^{(10)}m_{201}^{(21)}m_{221}^{(22)} - 2m_{010}^{(10)}m_{201}^{(21)}m_{212}^{(21)}\\
&-3m_{010}^{(10)}m_{201}^{(21)}m_{203}^{(11)} - 4m_{010}^{(10)}m_{201}^{(21)}m_{122}^{(20)} + 8m_{010}^{(10)}m_{201}^{(21)}m_{113}^{(10)} - 2m_{010}^{(10)}m_{201}^{(21)}m_{023}^{(00)}\\
&-3m_{010}^{(10)}m_{201}^{(22)}m_{221}^{(21)} + 4m_{010}^{(10)}m_{201}^{(22)}m_{212}^{(11)} + 3m_{010}^{(10)}m_{201}^{(22)}m_{131}^{(20)} - 5m_{010}^{(10)}m_{201}^{(22)}m_{122}^{(10)}\\
&+m_{010}^{(10)}m_{201}^{(22)}m_{032}^{(00)} + m_{010}^{(10)}m_{120}^{(00)}m_{113}^{(22)} - m_{010}^{(10)}m_{120}^{(00)}m_{104}^{(21)} - m_{010}^{(10)}m_{120}^{(00)}m_{014}^{(20)}\\
&+m_{010}^{(10)}m_{120}^{(00)}m_{005}^{(10)} - m_{010}^{(10)}m_{120}^{(10)}m_{203}^{(22)} + 2m_{010}^{(10)}m_{120}^{(10)}m_{104}^{(20)} - m_{010}^{(10)}m_{120}^{(10)}m_{005}^{(00)}\\
&-m_{010}^{(10)}m_{120}^{(20)}m_{212}^{(22)} + 2m_{010}^{(10)}m_{120}^{(20)}m_{203}^{(21)} - 2m_{010}^{(10)}m_{120}^{(20)}m_{104}^{(10)} + m_{010}^{(10)}m_{120}^{(20)}m_{014}^{(00)}\\
&+m_{010}^{(10)}m_{120}^{(21)}m_{302}^{(22)} - 2m_{010}^{(10)}m_{120}^{(21)}m_{203}^{(20)} + m_{010}^{(10)}m_{120}^{(21)}m_{104}^{(00)} - m_{010}^{(10)}m_{120}^{(22)}m_{302}^{(21)}\\
&+m_{010}^{(10)}m_{120}^{(22)}m_{212}^{(20)} + m_{010}^{(10)}m_{120}^{(22)}m_{203}^{(10)} - m_{010}^{(10)}m_{120}^{(22)}m_{113}^{(00)} - 2m_{010}^{(10)}m_{111}^{(00)}m_{113}^{(21)}\\
&+2m_{010}^{(10)}m_{111}^{(00)}m_{104}^{(11)} + 2m_{010}^{(10)}m_{111}^{(00)}m_{023}^{(20)} - 2m_{010}^{(10)}m_{111}^{(00)}m_{014}^{(10)} - 2m_{010}^{(10)}m_{111}^{(10)}m_{212}^{(22)}\\
&+4m_{010}^{(10)}m_{111}^{(10)}m_{203}^{(21)} - 4m_{010}^{(10)}m_{111}^{(10)}m_{104}^{(10)} + 2m_{010}^{(10)}m_{111}^{(10)}m_{014}^{(00)} + 2m_{010}^{(10)}m_{111}^{(11)}m_{302}^{(22)}\\
&-4m_{010}^{(10)}m_{111}^{(11)}m_{203}^{(20)} + 2m_{010}^{(10)}m_{111}^{(11)}m_{104}^{(00)} + 2m_{010}^{(10)}m_{111}^{(20)}m_{221}^{(22)} - 4m_{010}^{(10)}m_{111}^{(20)}m_{203}^{(11)}\\
&-4m_{010}^{(10)}m_{111}^{(20)}m_{122}^{(20)} + 8m_{010}^{(10)}m_{111}^{(20)}m_{113}^{(10)} - 2m_{010}^{(10)}m_{111}^{(20)}m_{023}^{(00)} - 2m_{010}^{(10)}m_{111}^{(21)}m_{311}^{(22)}\\
&-4m_{010}^{(10)}m_{111}^{(21)}m_{302}^{(21)} + 8m_{010}^{(10)}m_{111}^{(21)}m_{212}^{(20)} + 4m_{010}^{(10)}m_{111}^{(21)}m_{203}^{(10)} - 6m_{010}^{(10)}m_{111}^{(21)}m_{113}^{(00)}\\
&+2m_{010}^{(10)}m_{111}^{(22)}m_{311}^{(21)} + 2m_{010}^{(10)}m_{111}^{(22)}m_{302}^{(11)} - 2m_{010}^{(10)}m_{111}^{(22)}m_{221}^{(20)} - 6m_{010}^{(10)}m_{111}^{(22)}m_{212}^{(10)}\\
&+4m_{010}^{(10)}m_{111}^{(22)}m_{122}^{(00)} - m_{010}^{(10)}m_{102}^{(00)}m_{131}^{(22)} + 3m_{010}^{(10)}m_{102}^{(00)}m_{122}^{(21)} - 2m_{010}^{(10)}m_{102}^{(00)}m_{113}^{(11)}\\
&-m_{010}^{(10)}m_{102}^{(00)}m_{032}^{(20)} + m_{010}^{(10)}m_{102}^{(00)}m_{023}^{(10)} + 2m_{010}^{(10)}m_{102}^{(10)}m_{212}^{(21)} - 3m_{010}^{(10)}m_{102}^{(10)}m_{203}^{(11)}\\
&-2m_{010}^{(10)}m_{102}^{(10)}m_{122}^{(20)} + 4m_{010}^{(10)}m_{102}^{(10)}m_{113}^{(10)} - m_{010}^{(10)}m_{102}^{(10)}m_{023}^{(00)} + m_{010}^{(10)}m_{102}^{(11)}m_{311}^{(22)}\\
&-3m_{010}^{(10)}m_{102}^{(11)}m_{302}^{(21)} + m_{010}^{(10)}m_{102}^{(11)}m_{212}^{(20)} + 3m_{010}^{(10)}m_{102}^{(11)}m_{203}^{(10)} - 2m_{010}^{(10)}m_{102}^{(11)}m_{113}^{(00)}\\
&+2m_{010}^{(10)}m_{102}^{(20)}m_{230}^{(22)} - 8m_{010}^{(10)}m_{102}^{(20)}m_{221}^{(21)} + 7m_{010}^{(10)}m_{102}^{(20)}m_{212}^{(11)} + 4m_{010}^{(10)}m_{102}^{(20)}m_{131}^{(20)}\\
&-6m_{010}^{(10)}m_{102}^{(20)}m_{122}^{(10)} + m_{010}^{(10)}m_{102}^{(20)}m_{032}^{(00)} - 2m_{010}^{(10)}m_{102}^{(21)}m_{320}^{(22)} + 4m_{010}^{(10)}m_{102}^{(21)}m_{311}^{(21)}
\end{aligned}
$$

$$+3m_{010}^{(10)}m_{102}^{(21)}m_{302}^{(11)} - 10m_{010}^{(10)}m_{102}^{(21)}m_{212}^{(10)} + 5m_{010}^{(10)}m_{102}^{(21)}m_{122}^{(00)} + 2m_{010}^{(10)}m_{102}^{(22)}m_{320}^{(21)}$$
$$-5m_{010}^{(10)}m_{102}^{(22)}m_{311}^{(11)} - 2m_{010}^{(10)}m_{102}^{(22)}m_{230}^{(20)} + 8m_{010}^{(10)}m_{102}^{(22)}m_{221}^{(10)} - 3m_{010}^{(10)}m_{102}^{(22)}m_{131}^{(00)}$$
$$-m_{010}^{(10)}m_{021}^{(00)}m_{212}^{(22)} + m_{010}^{(10)}m_{021}^{(00)}m_{203}^{(21)} + m_{010}^{(10)}m_{021}^{(00)}m_{113}^{(20)} - m_{010}^{(10)}m_{021}^{(00)}m_{104}^{(10)}$$
$$+m_{010}^{(10)}m_{021}^{(10)}m_{302}^{(22)} - 2m_{010}^{(10)}m_{021}^{(10)}m_{203}^{(20)} + m_{010}^{(10)}m_{021}^{(10)}m_{104}^{(00)} + m_{010}^{(10)}m_{021}^{(20)}m_{311}^{(22)}$$
$$-2m_{010}^{(10)}m_{021}^{(20)}m_{302}^{(21)} + 2m_{010}^{(10)}m_{021}^{(20)}m_{203}^{(10)} - m_{010}^{(10)}m_{021}^{(20)}m_{113}^{(00)} - m_{010}^{(10)}m_{021}^{(21)}m_{401}^{(22)}$$
$$+2m_{010}^{(10)}m_{021}^{(21)}m_{302}^{(20)} - m_{010}^{(10)}m_{021}^{(21)}m_{203}^{(00)} + m_{010}^{(10)}m_{021}^{(22)}m_{401}^{(21)} - m_{010}^{(10)}m_{021}^{(22)}m_{311}^{(20)}$$
$$-m_{010}^{(10)}m_{021}^{(22)}m_{302}^{(10)} + m_{010}^{(10)}m_{021}^{(22)}m_{212}^{(00)} + m_{010}^{(10)}m_{012}^{(00)}m_{221}^{(22)} - m_{010}^{(10)}m_{012}^{(00)}m_{203}^{(11)}$$
$$-2m_{010}^{(10)}m_{012}^{(00)}m_{122}^{(20)} + 2m_{010}^{(10)}m_{012}^{(00)}m_{113}^{(10)} - 2m_{010}^{(10)}m_{012}^{(10)}m_{302}^{(21)} + 2m_{010}^{(10)}m_{012}^{(10)}m_{212}^{(20)}$$
$$+2m_{010}^{(10)}m_{012}^{(10)}m_{203}^{(10)} - 2m_{010}^{(10)}m_{012}^{(10)}m_{113}^{(00)} - m_{010}^{(10)}m_{012}^{(11)}m_{401}^{(22)} + 2m_{010}^{(10)}m_{012}^{(11)}m_{302}^{(20)}$$
$$-m_{010}^{(10)}m_{012}^{(11)}m_{203}^{(00)} - 2m_{010}^{(10)}m_{012}^{(20)}m_{320}^{(22)} + 2m_{010}^{(10)}m_{012}^{(20)}m_{311}^{(21)} + 2m_{010}^{(10)}m_{012}^{(20)}m_{302}^{(11)}$$
$$+2m_{010}^{(10)}m_{012}^{(20)}m_{221}^{(20)} - 6m_{010}^{(10)}m_{012}^{(20)}m_{212}^{(10)} + 2m_{010}^{(10)}m_{012}^{(20)}m_{122}^{(00)} + 2m_{010}^{(10)}m_{012}^{(21)}m_{410}^{(22)}$$
$$+2m_{010}^{(10)}m_{012}^{(21)}m_{401}^{(21)} - 6m_{010}^{(10)}m_{012}^{(21)}m_{311}^{(20)} - 2m_{010}^{(10)}m_{012}^{(21)}m_{302}^{(10)} + 4m_{010}^{(10)}m_{012}^{(21)}m_{212}^{(00)}$$
$$-2m_{010}^{(10)}m_{012}^{(22)}m_{410}^{(21)} - m_{010}^{(10)}m_{012}^{(22)}m_{401}^{(11)} + 2m_{010}^{(10)}m_{012}^{(22)}m_{320}^{(20)} + 4m_{010}^{(10)}m_{012}^{(22)}m_{311}^{(10)}$$
$$-3m_{010}^{(10)}m_{012}^{(22)}m_{221}^{(00)} - m_{010}^{(10)}m_{003}^{(00)}m_{221}^{(21)} + m_{010}^{(10)}m_{003}^{(00)}m_{212}^{(11)} + m_{010}^{(10)}m_{003}^{(00)}m_{131}^{(20)}$$
$$-m_{010}^{(10)}m_{003}^{(00)}m_{122}^{(10)} + m_{010}^{(10)}m_{003}^{(10)}m_{302}^{(11)} - 2m_{010}^{(10)}m_{003}^{(10)}m_{212}^{(10)} + m_{010}^{(10)}m_{003}^{(10)}m_{122}^{(00)}$$
$$+m_{010}^{(10)}m_{003}^{(11)}m_{401}^{(21)} - m_{010}^{(10)}m_{003}^{(11)}m_{311}^{(20)} - m_{010}^{(10)}m_{003}^{(11)}m_{302}^{(10)} + m_{010}^{(10)}m_{003}^{(11)}m_{212}^{(00)}$$
$$+2m_{010}^{(10)}m_{003}^{(20)}m_{320}^{(21)} - 3m_{010}^{(10)}m_{003}^{(20)}m_{311}^{(11)} - 2m_{010}^{(10)}m_{003}^{(20)}m_{230}^{(20)} + 4m_{010}^{(10)}m_{003}^{(20)}m_{221}^{(10)}$$
$$-m_{010}^{(10)}m_{003}^{(20)}m_{131}^{(00)} - 2m_{010}^{(10)}m_{003}^{(21)}m_{410}^{(21)} - m_{010}^{(10)}m_{003}^{(21)}m_{401}^{(11)} + 2m_{010}^{(10)}m_{003}^{(21)}m_{320}^{(20)}$$
$$+4m_{010}^{(10)}m_{003}^{(21)}m_{311}^{(10)} - 3m_{010}^{(10)}m_{003}^{(21)}m_{221}^{(00)} + 2m_{010}^{(10)}m_{003}^{(22)}m_{410}^{(11)} - 4m_{010}^{(10)}m_{003}^{(22)}m_{320}^{(10)}$$
$$+2m_{010}^{(10)}m_{003}^{(22)}m_{230}^{(00)} + m_{010}^{(11)}m_{300}^{(00)}m_{023}^{(22)} - 2m_{010}^{(11)}m_{300}^{(00)}m_{014}^{(21)} + m_{010}^{(11)}m_{300}^{(00)}m_{005}^{(11)}$$
$$-m_{010}^{(11)}m_{300}^{(10)}m_{113}^{(22)} + m_{010}^{(11)}m_{300}^{(10)}m_{104}^{(21)} + m_{010}^{(11)}m_{300}^{(10)}m_{014}^{(20)} - m_{010}^{(11)}m_{300}^{(10)}m_{005}^{(10)}$$
$$-m_{010}^{(11)}m_{300}^{(20)}m_{122}^{(22)} + 3m_{010}^{(11)}m_{300}^{(20)}m_{113}^{(21)} - 2m_{010}^{(11)}m_{300}^{(20)}m_{104}^{(11)} - m_{010}^{(11)}m_{300}^{(20)}m_{023}^{(20)}$$
$$+m_{010}^{(11)}m_{300}^{(20)}m_{014}^{(10)} + m_{010}^{(11)}m_{300}^{(21)}m_{212}^{(22)} - m_{010}^{(11)}m_{300}^{(21)}m_{203}^{(21)} - m_{010}^{(11)}m_{300}^{(21)}m_{113}^{(20)}$$
$$+m_{010}^{(11)}m_{300}^{(21)}m_{104}^{(10)} - m_{010}^{(11)}m_{300}^{(22)}m_{212}^{(21)} + m_{010}^{(11)}m_{300}^{(22)}m_{203}^{(11)} + m_{010}^{(11)}m_{300}^{(22)}m_{122}^{(20)}$$
$$-m_{010}^{(11)}m_{300}^{(22)}m_{113}^{(10)} - m_{010}^{(11)}m_{210}^{(00)}m_{113}^{(22)} + m_{010}^{(11)}m_{210}^{(00)}m_{104}^{(21)} + m_{010}^{(11)}m_{210}^{(00)}m_{014}^{(20)}$$
$$-m_{010}^{(11)}m_{210}^{(00)}m_{005}^{(10)} + m_{010}^{(11)}m_{210}^{(10)}m_{203}^{(22)} - 2m_{010}^{(11)}m_{210}^{(10)}m_{104}^{(20)} + m_{010}^{(11)}m_{210}^{(10)}m_{005}^{(00)}$$
$$+m_{010}^{(11)}m_{210}^{(20)}m_{212}^{(22)} - 2m_{010}^{(11)}m_{210}^{(20)}m_{203}^{(21)} + 2m_{010}^{(11)}m_{210}^{(20)}m_{104}^{(10)} - m_{010}^{(11)}m_{210}^{(20)}m_{014}^{(00)}$$
$$-m_{010}^{(11)}m_{210}^{(21)}m_{302}^{(22)} + 2m_{010}^{(11)}m_{210}^{(21)}m_{203}^{(20)} - m_{010}^{(11)}m_{210}^{(21)}m_{104}^{(00)} + m_{010}^{(11)}m_{210}^{(22)}m_{302}^{(21)}$$
$$-m_{010}^{(11)}m_{210}^{(22)}m_{212}^{(20)} - m_{010}^{(11)}m_{210}^{(22)}m_{203}^{(10)} + m_{010}^{(11)}m_{210}^{(22)}m_{113}^{(00)} - 2m_{010}^{(11)}m_{201}^{(00)}m_{122}^{(22)}$$
$$+5m_{010}^{(11)}m_{201}^{(00)}m_{113}^{(21)} - 3m_{010}^{(11)}m_{201}^{(00)}m_{104}^{(11)} - m_{010}^{(11)}m_{201}^{(00)}m_{023}^{(20)} + m_{010}^{(11)}m_{201}^{(00)}m_{014}^{(10)}$$
$$+2m_{010}^{(11)}m_{201}^{(10)}m_{212}^{(22)} - 3m_{010}^{(11)}m_{201}^{(10)}m_{203}^{(21)} - m_{010}^{(11)}m_{201}^{(10)}m_{113}^{(20)} + 3m_{010}^{(11)}m_{201}^{(10)}m_{104}^{(10)}$$
$$-m_{010}^{(11)}m_{201}^{(10)}m_{014}^{(00)} + 2m_{010}^{(11)}m_{201}^{(20)}m_{221}^{(22)} - 7m_{010}^{(11)}m_{201}^{(20)}m_{212}^{(21)} + 6m_{010}^{(11)}m_{201}^{(20)}m_{203}^{(11)}$$
$$+3m_{010}^{(11)}m_{201}^{(20)}m_{122}^{(20)} - 5m_{010}^{(11)}m_{201}^{(20)}m_{113}^{(10)} + m_{010}^{(11)}m_{201}^{(20)}m_{023}^{(00)} - 2m_{010}^{(11)}m_{201}^{(21)}m_{311}^{(22)}$$
$$+3m_{010}^{(11)}m_{201}^{(21)}m_{302}^{(21)} + m_{010}^{(11)}m_{201}^{(21)}m_{212}^{(20)} - 3m_{010}^{(11)}m_{201}^{(21)}m_{203}^{(10)} + m_{010}^{(11)}m_{201}^{(21)}m_{113}^{(00)}$$
$$+2m_{010}^{(11)}m_{201}^{(22)}m_{311}^{(21)} - 3m_{010}^{(11)}m_{201}^{(22)}m_{302}^{(11)} - 2m_{010}^{(11)}m_{201}^{(22)}m_{221}^{(20)} + 4m_{010}^{(11)}m_{201}^{(22)}m_{212}^{(10)}$$
$$-m_{010}^{(11)}m_{201}^{(22)}m_{122}^{(00)} + 2m_{010}^{(11)}m_{111}^{(00)}m_{212}^{(22)} - 2m_{010}^{(11)}m_{111}^{(00)}m_{203}^{(21)} - 2m_{010}^{(11)}m_{111}^{(00)}m_{113}^{(20)}$$
$$+2m_{010}^{(11)}m_{111}^{(00)}m_{104}^{(10)} - 2m_{010}^{(11)}m_{111}^{(10)}m_{302}^{(22)} + 4m_{010}^{(11)}m_{111}^{(10)}m_{203}^{(20)} - 2m_{010}^{(11)}m_{111}^{(10)}m_{104}^{(00)}$$
$$-2m_{010}^{(11)}m_{111}^{(20)}m_{311}^{(22)} + 4m_{010}^{(11)}m_{111}^{(20)}m_{302}^{(21)} - 4m_{010}^{(11)}m_{111}^{(20)}m_{203}^{(10)} + 2m_{010}^{(11)}m_{111}^{(20)}m_{113}^{(00)}$$

$$+2m_{010}^{(11)}m_{111}^{(21)}m_{401}^{(22)} - 4m_{010}^{(11)}m_{111}^{(21)}m_{302}^{(20)} + 2m_{010}^{(11)}m_{111}^{(21)}m_{203}^{(00)} - 2m_{010}^{(11)}m_{111}^{(22)}m_{401}^{(21)}$$
$$+2m_{010}^{(11)}m_{111}^{(22)}m_{311}^{(20)} + 2m_{010}^{(11)}m_{111}^{(22)}m_{302}^{(10)} - 2m_{010}^{(11)}m_{111}^{(22)}m_{212}^{(00)} + m_{010}^{(11)}m_{102}^{(00)}m_{221}^{(22)}$$
$$-4m_{010}^{(11)}m_{102}^{(00)}m_{212}^{(21)} + 3m_{010}^{(11)}m_{102}^{(00)}m_{203}^{(11)} + 2m_{010}^{(11)}m_{102}^{(00)}m_{122}^{(20)} - 2m_{010}^{(11)}m_{102}^{(00)}m_{113}^{(10)}$$
$$-m_{010}^{(11)}m_{102}^{(10)}m_{311}^{(22)} + 3m_{010}^{(11)}m_{102}^{(10)}m_{302}^{(21)} - m_{010}^{(11)}m_{102}^{(10)}m_{212}^{(20)} - 3m_{010}^{(11)}m_{102}^{(10)}m_{203}^{(10)}$$
$$+2m_{010}^{(11)}m_{102}^{(10)}m_{113}^{(00)} - m_{010}^{(11)}m_{102}^{(20)}m_{320}^{(22)} + 5m_{010}^{(11)}m_{102}^{(20)}m_{311}^{(21)} - 6m_{010}^{(11)}m_{102}^{(20)}m_{302}^{(11)}$$
$$-3m_{010}^{(11)}m_{102}^{(20)}m_{221}^{(20)} + 7m_{010}^{(11)}m_{102}^{(20)}m_{212}^{(10)} - 2m_{010}^{(11)}m_{102}^{(20)}m_{122}^{(00)} + m_{010}^{(11)}m_{102}^{(21)}m_{410}^{(22)}$$
$$-3m_{010}^{(11)}m_{102}^{(21)}m_{401}^{(21)} + m_{010}^{(11)}m_{102}^{(21)}m_{311}^{(20)} + 3m_{010}^{(11)}m_{102}^{(21)}m_{302}^{(10)} - 2m_{010}^{(11)}m_{102}^{(21)}m_{212}^{(00)}$$
$$-m_{010}^{(11)}m_{102}^{(22)}m_{410}^{(21)} + 3m_{010}^{(11)}m_{102}^{(22)}m_{401}^{(11)} + m_{010}^{(11)}m_{102}^{(22)}m_{320}^{(20)} - 5m_{010}^{(11)}m_{102}^{(22)}m_{311}^{(10)}$$
$$+2m_{010}^{(11)}m_{102}^{(22)}m_{221}^{(00)} - m_{010}^{(11)}m_{012}^{(00)}m_{311}^{(22)} + m_{010}^{(11)}m_{012}^{(00)}m_{302}^{(21)} + m_{010}^{(11)}m_{012}^{(00)}m_{212}^{(20)}$$
$$-m_{010}^{(11)}m_{012}^{(00)}m_{203}^{(10)} + m_{010}^{(11)}m_{012}^{(10)}m_{401}^{(22)} - 2m_{010}^{(11)}m_{012}^{(10)}m_{302}^{(20)} + m_{010}^{(11)}m_{012}^{(10)}m_{203}^{(00)}$$
$$+m_{010}^{(11)}m_{012}^{(20)}m_{410}^{(22)} - 2m_{010}^{(11)}m_{012}^{(20)}m_{401}^{(21)} + 2m_{010}^{(11)}m_{012}^{(20)}m_{302}^{(10)} - m_{010}^{(11)}m_{012}^{(20)}m_{212}^{(00)}$$
$$-m_{010}^{(11)}m_{012}^{(21)}m_{500}^{(22)} + 2m_{010}^{(11)}m_{012}^{(21)}m_{401}^{(20)} - m_{010}^{(11)}m_{012}^{(21)}m_{302}^{(00)} + m_{010}^{(11)}m_{012}^{(22)}m_{500}^{(21)}$$
$$-m_{010}^{(11)}m_{012}^{(22)}m_{410}^{(20)} - m_{010}^{(11)}m_{012}^{(22)}m_{401}^{(10)} + m_{010}^{(11)}m_{012}^{(22)}m_{311}^{(00)} + m_{010}^{(11)}m_{003}^{(00)}m_{311}^{(21)}$$
$$-m_{010}^{(11)}m_{003}^{(00)}m_{302}^{(11)} - m_{010}^{(11)}m_{003}^{(00)}m_{221}^{(20)} + m_{010}^{(11)}m_{003}^{(00)}m_{212}^{(10)} - m_{010}^{(11)}m_{003}^{(10)}m_{401}^{(21)}$$
$$+m_{010}^{(11)}m_{003}^{(10)}m_{311}^{(20)} + m_{010}^{(11)}m_{003}^{(10)}m_{302}^{(10)} - m_{010}^{(11)}m_{003}^{(10)}m_{212}^{(00)} - m_{010}^{(11)}m_{003}^{(20)}m_{410}^{(21)}$$
$$+2m_{010}^{(11)}m_{003}^{(20)}m_{401}^{(11)} + m_{010}^{(11)}m_{003}^{(20)}m_{320}^{(20)} - 3m_{010}^{(11)}m_{003}^{(20)}m_{311}^{(10)} + m_{010}^{(11)}m_{003}^{(20)}m_{221}^{(00)}$$
$$+m_{010}^{(11)}m_{003}^{(21)}m_{500}^{(21)} - m_{010}^{(11)}m_{003}^{(21)}m_{410}^{(20)} - m_{010}^{(11)}m_{003}^{(21)}m_{401}^{(10)} + m_{010}^{(11)}m_{003}^{(21)}m_{311}^{(00)}$$
$$-m_{010}^{(11)}m_{003}^{(22)}m_{500}^{(11)} + 2m_{010}^{(11)}m_{003}^{(22)}m_{410}^{(10)} - m_{010}^{(11)}m_{003}^{(22)}m_{320}^{(00)} + m_{010}^{(20)}m_{300}^{(10)}m_{032}^{(22)}$$
$$-2m_{010}^{(20)}m_{300}^{(10)}m_{023}^{(21)} + m_{010}^{(20)}m_{300}^{(10)}m_{014}^{(11)} - m_{010}^{(20)}m_{300}^{(11)}m_{122}^{(22)} + m_{010}^{(20)}m_{300}^{(11)}m_{113}^{(21)}$$
$$+m_{010}^{(20)}m_{300}^{(11)}m_{023}^{(20)} - m_{010}^{(20)}m_{300}^{(11)}m_{014}^{(10)} - m_{010}^{(20)}m_{300}^{(20)}m_{041}^{(22)} + 2m_{010}^{(20)}m_{300}^{(20)}m_{032}^{(21)}$$
$$-m_{010}^{(20)}m_{300}^{(20)}m_{023}^{(11)} + m_{010}^{(20)}m_{300}^{(21)}m_{131}^{(22)} - m_{010}^{(20)}m_{300}^{(21)}m_{113}^{(11)} - 2m_{010}^{(20)}m_{300}^{(21)}m_{032}^{(20)}$$
$$+2m_{010}^{(20)}m_{300}^{(21)}m_{023}^{(10)} - m_{010}^{(20)}m_{300}^{(22)}m_{131}^{(21)} + m_{010}^{(20)}m_{300}^{(22)}m_{122}^{(11)} + m_{010}^{(20)}m_{300}^{(22)}m_{041}^{(20)}$$
$$-m_{010}^{(20)}m_{300}^{(22)}m_{032}^{(10)} + m_{010}^{(20)}m_{210}^{(00)}m_{032}^{(22)} - 2m_{010}^{(20)}m_{210}^{(00)}m_{023}^{(21)} + m_{010}^{(20)}m_{210}^{(00)}m_{014}^{(11)}$$
$$-4m_{010}^{(20)}m_{210}^{(10)}m_{122}^{(22)} + 6m_{010}^{(20)}m_{210}^{(10)}m_{113}^{(21)} - 2m_{010}^{(20)}m_{210}^{(10)}m_{104}^{(11)} + 2m_{010}^{(20)}m_{210}^{(10)}m_{023}^{(20)}$$
$$-2m_{010}^{(20)}m_{210}^{(10)}m_{014}^{(10)} + 3m_{010}^{(20)}m_{210}^{(11)}m_{212}^{(22)} - 2m_{010}^{(20)}m_{210}^{(11)}m_{203}^{(21)} - 4m_{010}^{(20)}m_{210}^{(11)}m_{113}^{(20)}$$
$$+2m_{010}^{(20)}m_{210}^{(11)}m_{104}^{(10)} + m_{010}^{(20)}m_{210}^{(11)}m_{014}^{(00)} + 2m_{010}^{(20)}m_{210}^{(20)}m_{131}^{(22)} - 2m_{010}^{(20)}m_{210}^{(20)}m_{122}^{(21)}$$
$$-2m_{010}^{(20)}m_{210}^{(20)}m_{032}^{(20)} + 2m_{010}^{(20)}m_{210}^{(20)}m_{023}^{(10)} - 2m_{010}^{(20)}m_{210}^{(21)}m_{221}^{(22)} - 2m_{010}^{(20)}m_{210}^{(21)}m_{212}^{(21)}$$
$$+2m_{010}^{(20)}m_{210}^{(21)}m_{203}^{(11)} + 6m_{010}^{(20)}m_{210}^{(21)}m_{122}^{(20)} - 2m_{010}^{(20)}m_{210}^{(21)}m_{113}^{(10)} - 2m_{010}^{(20)}m_{210}^{(21)}m_{023}^{(00)}$$
$$+2m_{010}^{(20)}m_{210}^{(22)}m_{221}^{(21)} - m_{010}^{(20)}m_{210}^{(22)}m_{212}^{(11)} - 2m_{010}^{(20)}m_{210}^{(22)}m_{131}^{(20)} + m_{010}^{(20)}m_{210}^{(22)}m_{032}^{(00)}$$
$$-m_{010}^{(20)}m_{201}^{(00)}m_{041}^{(22)} + 2m_{010}^{(20)}m_{201}^{(00)}m_{032}^{(21)} - m_{010}^{(20)}m_{201}^{(00)}m_{023}^{(11)} + m_{010}^{(20)}m_{201}^{(10)}m_{131}^{(22)}$$
$$-m_{010}^{(20)}m_{201}^{(10)}m_{113}^{(11)} - 2m_{010}^{(20)}m_{201}^{(10)}m_{032}^{(20)} + 2m_{010}^{(20)}m_{201}^{(10)}m_{023}^{(10)} - m_{010}^{(20)}m_{201}^{(11)}m_{212}^{(21)}$$
$$+m_{010}^{(20)}m_{201}^{(11)}m_{122}^{(20)} + m_{010}^{(20)}m_{201}^{(11)}m_{113}^{(10)} - m_{010}^{(20)}m_{201}^{(11)}m_{023}^{(00)} + m_{010}^{(20)}m_{201}^{(20)}m_{140}^{(22)}$$
$$-4m_{010}^{(20)}m_{201}^{(20)}m_{131}^{(21)} + 3m_{010}^{(20)}m_{201}^{(20)}m_{122}^{(11)} + 2m_{010}^{(20)}m_{201}^{(20)}m_{041}^{(20)} - 2m_{010}^{(20)}m_{201}^{(20)}m_{032}^{(10)}$$
$$-m_{010}^{(20)}m_{201}^{(21)}m_{230}^{(22)} + 2m_{010}^{(20)}m_{201}^{(21)}m_{221}^{(21)} + m_{010}^{(20)}m_{201}^{(21)}m_{212}^{(11)} - 4m_{010}^{(20)}m_{201}^{(21)}m_{122}^{(10)}$$
$$+2m_{010}^{(20)}m_{201}^{(21)}m_{032}^{(00)} + m_{010}^{(20)}m_{201}^{(22)}m_{230}^{(21)} - 2m_{010}^{(20)}m_{201}^{(22)}m_{221}^{(11)} - m_{010}^{(20)}m_{201}^{(22)}m_{140}^{(20)}$$
$$+3m_{010}^{(20)}m_{201}^{(22)}m_{131}^{(10)} - m_{010}^{(20)}m_{201}^{(22)}m_{041}^{(00)} - m_{010}^{(20)}m_{120}^{(00)}m_{122}^{(22)} + m_{010}^{(20)}m_{120}^{(00)}m_{113}^{(21)}$$
$$+m_{010}^{(20)}m_{120}^{(00)}m_{023}^{(20)} - m_{010}^{(20)}m_{120}^{(00)}m_{014}^{(10)} + 3m_{010}^{(20)}m_{120}^{(10)}m_{212}^{(22)} - 2m_{010}^{(20)}m_{120}^{(10)}m_{203}^{(21)}$$
$$-4m_{010}^{(20)}m_{120}^{(10)}m_{113}^{(20)} + 2m_{010}^{(20)}m_{120}^{(10)}m_{104}^{(10)} + m_{010}^{(20)}m_{120}^{(10)}m_{014}^{(00)} - 2m_{010}^{(20)}m_{120}^{(11)}m_{302}^{(22)}$$

$$+4m_{010}^{(20)}m_{120}^{(11)}m_{203}^{(20)} - 2m_{010}^{(20)}m_{120}^{(11)}m_{104}^{(00)} - m_{010}^{(20)}m_{120}^{(20)}m_{221}^{(22)} + 2m_{010}^{(20)}m_{120}^{(20)}m_{122}^{(20)}$$
$$-m_{010}^{(20)}m_{120}^{(20)}m_{023}^{(00)} + m_{010}^{(20)}m_{120}^{(21)}m_{311}^{(22)} + 2m_{010}^{(20)}m_{120}^{(21)}m_{302}^{(21)} - 4m_{010}^{(20)}m_{120}^{(21)}m_{212}^{(20)}$$
$$-2m_{010}^{(20)}m_{120}^{(21)}m_{203}^{(10)} + 3m_{010}^{(20)}m_{120}^{(21)}m_{113}^{(00)} - m_{010}^{(20)}m_{120}^{(22)}m_{311}^{(21)} + m_{010}^{(20)}m_{120}^{(22)}m_{221}^{(20)}$$
$$+m_{010}^{(20)}m_{120}^{(22)}m_{212}^{(10)} - m_{010}^{(20)}m_{120}^{(22)}m_{122}^{(00)} + 2m_{010}^{(20)}m_{111}^{(00)}m_{122}^{(21)} - 2m_{010}^{(20)}m_{111}^{(00)}m_{113}^{(11)}$$
$$-2m_{010}^{(20)}m_{111}^{(00)}m_{032}^{(20)} + 2m_{010}^{(20)}m_{111}^{(00)}m_{023}^{(10)} + 2m_{010}^{(20)}m_{111}^{(10)}m_{221}^{(22)} - 8m_{010}^{(20)}m_{111}^{(10)}m_{212}^{(21)}$$
$$+4m_{010}^{(20)}m_{111}^{(10)}m_{203}^{(11)} + 4m_{010}^{(20)}m_{111}^{(10)}m_{122}^{(20)} - 2m_{010}^{(20)}m_{111}^{(10)}m_{023}^{(00)} - 2m_{010}^{(20)}m_{111}^{(11)}m_{311}^{(22)}$$
$$+4m_{010}^{(20)}m_{111}^{(11)}m_{302}^{(21)} - 4m_{010}^{(20)}m_{111}^{(11)}m_{203}^{(10)} + 2m_{010}^{(20)}m_{111}^{(11)}m_{113}^{(00)} - 2m_{010}^{(20)}m_{111}^{(20)}m_{230}^{(22)}$$
$$+4m_{010}^{(20)}m_{111}^{(20)}m_{221}^{(21)} - 4m_{010}^{(20)}m_{111}^{(20)}m_{122}^{(10)} + 2m_{010}^{(20)}m_{111}^{(20)}m_{032}^{(00)} + 2m_{010}^{(20)}m_{111}^{(21)}m_{320}^{(22)}$$
$$-4m_{010}^{(20)}m_{111}^{(21)}m_{302}^{(11)} - 4m_{010}^{(20)}m_{111}^{(21)}m_{221}^{(20)} + 8m_{010}^{(20)}m_{111}^{(21)}m_{212}^{(10)} - 2m_{010}^{(20)}m_{111}^{(21)}m_{122}^{(00)}$$
$$-2m_{010}^{(20)}m_{111}^{(22)}m_{320}^{(21)} + 2m_{010}^{(20)}m_{111}^{(22)}m_{311}^{(11)} + 2m_{010}^{(20)}m_{111}^{(22)}m_{230}^{(20)} - 2m_{010}^{(20)}m_{111}^{(22)}m_{221}^{(10)}$$
$$+m_{010}^{(20)}m_{102}^{(00)}m_{140}^{(22)} - 3m_{010}^{(20)}m_{102}^{(00)}m_{131}^{(21)} + 2m_{010}^{(20)}m_{102}^{(00)}m_{122}^{(11)} + m_{010}^{(20)}m_{102}^{(00)}m_{041}^{(20)}$$
$$-m_{010}^{(20)}m_{102}^{(00)}m_{032}^{(10)} - 2m_{010}^{(20)}m_{102}^{(10)}m_{230}^{(22)} + 4m_{010}^{(20)}m_{102}^{(10)}m_{221}^{(21)} - m_{010}^{(20)}m_{102}^{(10)}m_{212}^{(11)}$$
$$-2m_{010}^{(20)}m_{102}^{(10)}m_{122}^{(10)} + m_{010}^{(20)}m_{102}^{(10)}m_{032}^{(00)} + m_{010}^{(20)}m_{102}^{(11)}m_{320}^{(22)} - m_{010}^{(20)}m_{102}^{(11)}m_{311}^{(21)}$$
$$-m_{010}^{(20)}m_{102}^{(11)}m_{221}^{(20)} + m_{010}^{(20)}m_{102}^{(11)}m_{212}^{(10)} + 2m_{010}^{(20)}m_{102}^{(20)}m_{230}^{(21)} - 3m_{010}^{(20)}m_{102}^{(20)}m_{221}^{(11)}$$
$$-2m_{010}^{(20)}m_{102}^{(20)}m_{140}^{(20)} + 4m_{010}^{(20)}m_{102}^{(20)}m_{131}^{(10)} - m_{010}^{(20)}m_{102}^{(20)}m_{041}^{(00)} - 2m_{010}^{(20)}m_{102}^{(21)}m_{320}^{(21)}$$
$$+m_{010}^{(20)}m_{102}^{(21)}m_{311}^{(11)} + 2m_{010}^{(20)}m_{102}^{(21)}m_{230}^{(20)} - m_{010}^{(20)}m_{102}^{(21)}m_{131}^{(00)} + m_{010}^{(20)}m_{102}^{(22)}m_{320}^{(11)}$$
$$-2m_{010}^{(20)}m_{102}^{(22)}m_{230}^{(10)} + m_{010}^{(20)}m_{102}^{(22)}m_{140}^{(00)} + m_{010}^{(20)}m_{021}^{(00)}m_{221}^{(22)} - m_{010}^{(20)}m_{021}^{(00)}m_{212}^{(21)}$$
$$-m_{010}^{(20)}m_{021}^{(00)}m_{122}^{(20)} + m_{010}^{(20)}m_{021}^{(00)}m_{113}^{(10)} - 3m_{010}^{(20)}m_{021}^{(10)}m_{311}^{(22)} + 2m_{010}^{(20)}m_{021}^{(10)}m_{302}^{(21)}$$
$$+4m_{010}^{(20)}m_{021}^{(10)}m_{212}^{(20)} - 2m_{010}^{(20)}m_{021}^{(10)}m_{203}^{(10)} - m_{010}^{(20)}m_{021}^{(10)}m_{113}^{(00)} + 2m_{010}^{(20)}m_{021}^{(11)}m_{401}^{(22)}$$
$$-4m_{010}^{(20)}m_{021}^{(11)}m_{302}^{(20)} + 2m_{010}^{(20)}m_{021}^{(11)}m_{203}^{(00)} + m_{010}^{(20)}m_{021}^{(20)}m_{320}^{(22)} - 2m_{010}^{(20)}m_{021}^{(20)}m_{221}^{(20)}$$
$$+m_{010}^{(20)}m_{021}^{(20)}m_{122}^{(00)} - m_{010}^{(20)}m_{021}^{(21)}m_{410}^{(22)} - 2m_{010}^{(20)}m_{021}^{(21)}m_{401}^{(21)} + 4m_{010}^{(20)}m_{021}^{(21)}m_{311}^{(20)}$$
$$+2m_{010}^{(20)}m_{021}^{(21)}m_{302}^{(10)} - 3m_{010}^{(20)}m_{021}^{(21)}m_{212}^{(00)} + m_{010}^{(20)}m_{021}^{(22)}m_{410}^{(21)} - m_{010}^{(20)}m_{021}^{(22)}m_{320}^{(20)}$$
$$-m_{010}^{(20)}m_{021}^{(22)}m_{311}^{(10)} + m_{010}^{(20)}m_{021}^{(22)}m_{221}^{(00)} - m_{010}^{(20)}m_{012}^{(00)}m_{230}^{(22)} + m_{010}^{(20)}m_{012}^{(00)}m_{212}^{(11)}$$
$$+2m_{010}^{(20)}m_{012}^{(00)}m_{131}^{(20)} - 2m_{010}^{(20)}m_{012}^{(00)}m_{122}^{(10)} + 2m_{010}^{(20)}m_{012}^{(10)}m_{320}^{(22)} + 2m_{010}^{(20)}m_{012}^{(10)}m_{311}^{(21)}$$
$$-2m_{010}^{(20)}m_{012}^{(10)}m_{302}^{(11)} - 6m_{010}^{(20)}m_{012}^{(10)}m_{221}^{(20)} + 2m_{010}^{(20)}m_{012}^{(10)}m_{212}^{(10)} + 2m_{010}^{(20)}m_{012}^{(10)}m_{122}^{(00)}$$
$$-m_{010}^{(20)}m_{012}^{(11)}m_{410}^{(22)} - 2m_{010}^{(20)}m_{012}^{(11)}m_{401}^{(21)} + 4m_{010}^{(20)}m_{012}^{(11)}m_{311}^{(20)} + 2m_{010}^{(20)}m_{012}^{(11)}m_{302}^{(10)}$$
$$-3m_{010}^{(20)}m_{012}^{(11)}m_{212}^{(00)} - 2m_{010}^{(20)}m_{012}^{(20)}m_{320}^{(21)} + 2m_{010}^{(20)}m_{012}^{(20)}m_{230}^{(20)} + 2m_{010}^{(20)}m_{012}^{(20)}m_{221}^{(10)}$$
$$-2m_{010}^{(20)}m_{012}^{(20)}m_{131}^{(00)} + 2m_{010}^{(20)}m_{012}^{(21)}m_{410}^{(21)} + 2m_{010}^{(20)}m_{012}^{(21)}m_{401}^{(11)} - 2m_{010}^{(20)}m_{012}^{(21)}m_{320}^{(20)}$$
$$-6m_{010}^{(20)}m_{012}^{(21)}m_{311}^{(10)} + 4m_{010}^{(20)}m_{012}^{(21)}m_{221}^{(00)} - m_{010}^{(20)}m_{012}^{(22)}m_{410}^{(11)} + 2m_{010}^{(20)}m_{012}^{(22)}m_{320}^{(10)}$$
$$-m_{010}^{(20)}m_{012}^{(22)}m_{230}^{(00)} + m_{010}^{(20)}m_{003}^{(00)}m_{230}^{(21)} - m_{010}^{(20)}m_{003}^{(00)}m_{221}^{(11)} - m_{010}^{(20)}m_{003}^{(00)}m_{140}^{(20)}$$
$$+m_{010}^{(20)}m_{003}^{(00)}m_{131}^{(10)} - 2m_{010}^{(20)}m_{003}^{(10)}m_{320}^{(21)} + m_{010}^{(20)}m_{003}^{(10)}m_{311}^{(11)} + 2m_{010}^{(20)}m_{003}^{(10)}m_{230}^{(20)}$$
$$-m_{010}^{(20)}m_{003}^{(10)}m_{131}^{(00)} + m_{010}^{(20)}m_{003}^{(11)}m_{410}^{(21)} - m_{010}^{(20)}m_{003}^{(11)}m_{320}^{(20)} - m_{010}^{(20)}m_{003}^{(11)}m_{311}^{(10)}$$
$$+m_{010}^{(20)}m_{003}^{(11)}m_{221}^{(00)} + m_{010}^{(20)}m_{003}^{(20)}m_{320}^{(11)} - 2m_{010}^{(20)}m_{003}^{(20)}m_{230}^{(10)} + m_{010}^{(20)}m_{003}^{(20)}m_{140}^{(00)}$$
$$-m_{010}^{(20)}m_{003}^{(21)}m_{410}^{(11)} + 2m_{010}^{(20)}m_{003}^{(21)}m_{320}^{(10)} - m_{010}^{(20)}m_{003}^{(21)}m_{230}^{(00)} - 2m_{010}^{(21)}m_{300}^{(00)}m_{032}^{(22)}$$
$$+4m_{010}^{(21)}m_{300}^{(00)}m_{023}^{(21)} - 2m_{010}^{(21)}m_{300}^{(00)}m_{014}^{(11)} + 3m_{010}^{(21)}m_{300}^{(10)}m_{122}^{(22)} - 4m_{010}^{(21)}m_{300}^{(10)}m_{113}^{(21)}$$
$$+m_{010}^{(21)}m_{300}^{(10)}m_{104}^{(11)} - 2m_{010}^{(21)}m_{300}^{(10)}m_{023}^{(20)} + 2m_{010}^{(21)}m_{300}^{(10)}m_{014}^{(10)} - m_{010}^{(21)}m_{300}^{(11)}m_{212}^{(22)}$$
$$+m_{010}^{(21)}m_{300}^{(11)}m_{203}^{(21)} + m_{010}^{(21)}m_{300}^{(11)}m_{113}^{(20)} - m_{010}^{(21)}m_{300}^{(11)}m_{104}^{(10)} + m_{010}^{(21)}m_{300}^{(20)}m_{131}^{(22)}$$
$$-4m_{010}^{(21)}m_{300}^{(20)}m_{122}^{(21)} + 3m_{010}^{(21)}m_{300}^{(20)}m_{113}^{(11)} + 2m_{010}^{(21)}m_{300}^{(20)}m_{032}^{(20)} - 2m_{010}^{(21)}m_{300}^{(20)}m_{023}^{(10)}$$

$$-m_{010}^{(21)}m_{300}^{(21)}m_{221}^{(22)}+2m_{010}^{(21)}m_{300}^{(21)}m_{212}^{(21)}-m_{010}^{(21)}m_{300}^{(21)}m_{203}^{(11)}+m_{010}^{(21)}m_{300}^{(22)}m_{221}^{(21)}$$
$$-m_{010}^{(21)}m_{300}^{(22)}m_{212}^{(11)}-m_{010}^{(21)}m_{300}^{(22)}m_{131}^{(20)}+m_{010}^{(21)}m_{300}^{(22)}m_{122}^{(10)}+3m_{010}^{(21)}m_{210}^{(00)}m_{122}^{(22)}$$
$$-4m_{010}^{(21)}m_{210}^{(00)}m_{113}^{(21)}+m_{010}^{(21)}m_{210}^{(00)}m_{104}^{(11)}-2m_{010}^{(21)}m_{210}^{(00)}m_{023}^{(20)}+2m_{010}^{(21)}m_{210}^{(00)}m_{014}^{(10)}$$
$$-4m_{010}^{(21)}m_{210}^{(10)}m_{212}^{(22)}+2m_{010}^{(21)}m_{210}^{(10)}m_{203}^{(21)}+6m_{010}^{(21)}m_{210}^{(10)}m_{113}^{(20)}-2m_{010}^{(21)}m_{210}^{(10)}m_{104}^{(10)}$$
$$-2m_{010}^{(21)}m_{210}^{(10)}m_{014}^{(00)}+m_{010}^{(21)}m_{210}^{(11)}m_{302}^{(22)}-2m_{010}^{(21)}m_{210}^{(11)}m_{203}^{(20)}+m_{010}^{(21)}m_{210}^{(11)}m_{104}^{(00)}$$
$$-2m_{010}^{(21)}m_{210}^{(20)}m_{221}^{(22)}+6m_{010}^{(21)}m_{210}^{(20)}m_{212}^{(21)}-2m_{010}^{(21)}m_{210}^{(20)}m_{203}^{(11)}-2m_{010}^{(21)}m_{210}^{(20)}m_{122}^{(20)}$$
$$-2m_{010}^{(21)}m_{210}^{(20)}m_{113}^{(10)}+2m_{010}^{(21)}m_{210}^{(20)}m_{023}^{(00)}+2m_{010}^{(21)}m_{210}^{(21)}m_{311}^{(22)}-2m_{010}^{(21)}m_{210}^{(21)}m_{302}^{(21)}$$
$$-2m_{010}^{(21)}m_{210}^{(21)}m_{212}^{(20)}+2m_{010}^{(21)}m_{210}^{(21)}m_{203}^{(10)}-2m_{010}^{(21)}m_{210}^{(22)}m_{311}^{(21)}+m_{010}^{(21)}m_{210}^{(22)}m_{302}^{(11)}$$
$$+2m_{010}^{(21)}m_{210}^{(22)}m_{221}^{(20)}-m_{010}^{(21)}m_{210}^{(22)}m_{122}^{(00)}+3m_{010}^{(21)}m_{201}^{(00)}m_{131}^{(22)}-8m_{010}^{(21)}m_{201}^{(00)}m_{122}^{(21)}$$
$$+5m_{010}^{(21)}m_{201}^{(00)}m_{113}^{(11)}+2m_{010}^{(21)}m_{201}^{(00)}m_{032}^{(20)}-2m_{010}^{(21)}m_{201}^{(00)}m_{023}^{(10)}-5m_{010}^{(21)}m_{201}^{(10)}m_{221}^{(22)}$$
$$+10m_{010}^{(21)}m_{201}^{(10)}m_{212}^{(21)}-3m_{010}^{(21)}m_{201}^{(10)}m_{203}^{(11)}-4m_{010}^{(21)}m_{201}^{(10)}m_{113}^{(10)}+2m_{010}^{(21)}m_{201}^{(10)}m_{023}^{(00)}$$
$$+2m_{010}^{(21)}m_{201}^{(11)}m_{311}^{(22)}-3m_{010}^{(21)}m_{201}^{(11)}m_{302}^{(21)}-m_{010}^{(21)}m_{201}^{(11)}m_{212}^{(20)}+3m_{010}^{(21)}m_{201}^{(11)}m_{203}^{(10)}$$
$$-m_{010}^{(21)}m_{201}^{(11)}m_{113}^{(00)}-m_{010}^{(21)}m_{201}^{(20)}m_{230}^{(22)}+6m_{010}^{(21)}m_{201}^{(20)}m_{221}^{(21)}-7m_{010}^{(21)}m_{201}^{(20)}m_{212}^{(11)}$$
$$-4m_{010}^{(21)}m_{201}^{(20)}m_{131}^{(20)}+8m_{010}^{(21)}m_{201}^{(20)}m_{122}^{(10)}-2m_{010}^{(21)}m_{201}^{(20)}m_{032}^{(00)}+m_{010}^{(21)}m_{201}^{(21)}m_{320}^{(22)}$$
$$-4m_{010}^{(21)}m_{201}^{(21)}m_{311}^{(21)}+3m_{010}^{(21)}m_{201}^{(21)}m_{302}^{(11)}+2m_{010}^{(21)}m_{201}^{(21)}m_{221}^{(20)}-2m_{010}^{(21)}m_{201}^{(21)}m_{212}^{(10)}$$
$$-m_{010}^{(21)}m_{201}^{(22)}m_{320}^{(21)}+2m_{010}^{(21)}m_{201}^{(22)}m_{311}^{(11)}+m_{010}^{(21)}m_{201}^{(22)}m_{230}^{(20)}-3m_{010}^{(21)}m_{201}^{(22)}m_{221}^{(10)}$$
$$+m_{010}^{(21)}m_{201}^{(22)}m_{131}^{(00)}-m_{010}^{(21)}m_{120}^{(00)}m_{212}^{(22)}+m_{010}^{(21)}m_{120}^{(00)}m_{203}^{(21)}+m_{010}^{(21)}m_{120}^{(00)}m_{113}^{(20)}$$
$$-m_{010}^{(21)}m_{120}^{(00)}m_{104}^{(10)}+m_{010}^{(21)}m_{120}^{(10)}m_{302}^{(22)}-2m_{010}^{(21)}m_{120}^{(10)}m_{203}^{(20)}+m_{010}^{(21)}m_{120}^{(10)}m_{104}^{(00)}$$
$$+m_{010}^{(21)}m_{120}^{(20)}m_{311}^{(22)}-2m_{010}^{(21)}m_{120}^{(20)}m_{302}^{(21)}+2m_{010}^{(21)}m_{120}^{(20)}m_{203}^{(10)}-m_{010}^{(21)}m_{120}^{(20)}m_{113}^{(00)}$$
$$-m_{010}^{(21)}m_{120}^{(21)}m_{401}^{(22)}+2m_{010}^{(21)}m_{120}^{(21)}m_{302}^{(20)}-m_{010}^{(21)}m_{120}^{(21)}m_{203}^{(00)}+m_{010}^{(21)}m_{120}^{(22)}m_{401}^{(21)}$$
$$-m_{010}^{(21)}m_{120}^{(22)}m_{311}^{(20)}-m_{010}^{(21)}m_{120}^{(22)}m_{302}^{(10)}+m_{010}^{(21)}m_{120}^{(22)}m_{212}^{(00)}-4m_{010}^{(21)}m_{111}^{(00)}m_{221}^{(22)}$$
$$+6m_{010}^{(21)}m_{111}^{(00)}m_{212}^{(21)}-2m_{010}^{(21)}m_{111}^{(00)}m_{203}^{(11)}+2m_{010}^{(21)}m_{111}^{(00)}m_{122}^{(20)}-2m_{010}^{(21)}m_{111}^{(00)}m_{113}^{(10)}$$
$$+6m_{010}^{(21)}m_{111}^{(10)}m_{311}^{(22)}-4m_{010}^{(21)}m_{111}^{(10)}m_{302}^{(21)}-8m_{010}^{(21)}m_{111}^{(10)}m_{212}^{(20)}+4m_{010}^{(21)}m_{111}^{(10)}m_{203}^{(10)}$$
$$+2m_{010}^{(21)}m_{111}^{(10)}m_{113}^{(00)}-2m_{010}^{(21)}m_{111}^{(11)}m_{401}^{(22)}+4m_{010}^{(21)}m_{111}^{(11)}m_{302}^{(20)}-2m_{010}^{(21)}m_{111}^{(11)}m_{203}^{(00)}$$
$$+2m_{010}^{(21)}m_{111}^{(20)}m_{320}^{(22)}-8m_{010}^{(21)}m_{111}^{(20)}m_{311}^{(21)}+4m_{010}^{(21)}m_{111}^{(20)}m_{302}^{(11)}+4m_{010}^{(21)}m_{111}^{(20)}m_{221}^{(20)}$$
$$-2m_{010}^{(21)}m_{111}^{(20)}m_{122}^{(00)}-2m_{010}^{(21)}m_{111}^{(21)}m_{410}^{(22)}+4m_{010}^{(21)}m_{111}^{(21)}m_{401}^{(21)}-4m_{010}^{(21)}m_{111}^{(21)}m_{302}^{(10)}$$
$$+2m_{010}^{(21)}m_{111}^{(21)}m_{212}^{(00)}+2m_{010}^{(21)}m_{111}^{(22)}m_{410}^{(21)}-2m_{010}^{(21)}m_{111}^{(22)}m_{401}^{(11)}-2m_{010}^{(21)}m_{111}^{(22)}m_{320}^{(20)}$$
$$+2m_{010}^{(21)}m_{111}^{(22)}m_{311}^{(10)}-m_{010}^{(21)}m_{102}^{(00)}m_{230}^{(22)}+5m_{010}^{(21)}m_{102}^{(00)}m_{221}^{(21)}-4m_{010}^{(21)}m_{102}^{(00)}m_{212}^{(11)}$$
$$-3m_{010}^{(21)}m_{102}^{(00)}m_{131}^{(20)}+3m_{010}^{(21)}m_{102}^{(00)}m_{122}^{(10)}+2m_{010}^{(21)}m_{102}^{(10)}m_{320}^{(22)}-8m_{010}^{(21)}m_{102}^{(10)}m_{311}^{(21)}$$
$$+3m_{010}^{(21)}m_{102}^{(10)}m_{302}^{(11)}+4m_{010}^{(21)}m_{102}^{(10)}m_{221}^{(20)}+2m_{010}^{(21)}m_{102}^{(10)}m_{212}^{(10)}-3m_{010}^{(21)}m_{102}^{(10)}m_{122}^{(00)}$$
$$-m_{010}^{(21)}m_{102}^{(11)}m_{410}^{(22)}+3m_{010}^{(21)}m_{102}^{(11)}m_{401}^{(21)}-m_{010}^{(21)}m_{102}^{(11)}m_{311}^{(20)}-3m_{010}^{(21)}m_{102}^{(11)}m_{302}^{(10)}$$
$$+2m_{010}^{(21)}m_{102}^{(11)}m_{212}^{(00)}-2m_{010}^{(21)}m_{102}^{(20)}m_{320}^{(21)}+5m_{010}^{(21)}m_{102}^{(20)}m_{311}^{(11)}+2m_{010}^{(21)}m_{102}^{(20)}m_{230}^{(20)}$$
$$-8m_{010}^{(21)}m_{102}^{(20)}m_{221}^{(10)}+3m_{010}^{(21)}m_{102}^{(20)}m_{131}^{(00)}+2m_{010}^{(21)}m_{102}^{(21)}m_{410}^{(21)}-3m_{010}^{(21)}m_{102}^{(21)}m_{401}^{(11)}$$
$$-2m_{010}^{(21)}m_{102}^{(21)}m_{320}^{(20)}+4m_{010}^{(21)}m_{102}^{(21)}m_{311}^{(10)}-m_{010}^{(21)}m_{102}^{(21)}m_{221}^{(00)}-m_{010}^{(21)}m_{102}^{(22)}m_{410}^{(11)}$$
$$+2m_{010}^{(21)}m_{102}^{(22)}m_{320}^{(10)}-m_{010}^{(21)}m_{102}^{(22)}m_{230}^{(00)}+m_{010}^{(21)}m_{021}^{(00)}m_{311}^{(22)}-m_{010}^{(21)}m_{021}^{(00)}m_{302}^{(21)}$$
$$-m_{010}^{(21)}m_{021}^{(00)}m_{212}^{(20)}+m_{010}^{(21)}m_{021}^{(00)}m_{203}^{(10)}-m_{010}^{(21)}m_{021}^{(10)}m_{401}^{(22)}+2m_{010}^{(21)}m_{021}^{(10)}m_{302}^{(20)}$$
$$-m_{010}^{(21)}m_{021}^{(10)}m_{203}^{(00)}-m_{010}^{(21)}m_{021}^{(20)}m_{410}^{(22)}+2m_{010}^{(21)}m_{021}^{(20)}m_{401}^{(21)}-2m_{010}^{(21)}m_{021}^{(20)}m_{302}^{(10)}$$
$$+m_{010}^{(21)}m_{021}^{(20)}m_{212}^{(00)}+m_{010}^{(21)}m_{021}^{(21)}m_{500}^{(22)}-2m_{010}^{(21)}m_{021}^{(21)}m_{401}^{(20)}+m_{010}^{(21)}m_{021}^{(21)}m_{302}^{(00)}$$

$$
\begin{aligned}
&-m_{010}^{(21)}m_{021}^{(22)}m_{500}^{(21)}+m_{010}^{(21)}m_{021}^{(22)}m_{410}^{(20)}+m_{010}^{(21)}m_{021}^{(22)}m_{401}^{(10)}-m_{010}^{(21)}m_{021}^{(22)}m_{311}^{(00)}\\
&+m_{010}^{(21)}m_{012}^{(00)}m_{320}^{(22)}-2m_{010}^{(21)}m_{012}^{(00)}m_{311}^{(21)}+m_{010}^{(21)}m_{012}^{(00)}m_{302}^{(11)}-2m_{010}^{(21)}m_{012}^{(10)}m_{410}^{(22)}\\
&+2m_{010}^{(21)}m_{012}^{(10)}m_{401}^{(21)}+2m_{010}^{(21)}m_{012}^{(10)}m_{311}^{(20)}-2m_{010}^{(21)}m_{012}^{(10)}m_{302}^{(10)}+m_{010}^{(21)}m_{012}^{(11)}m_{500}^{(22)}\\
&-2m_{010}^{(21)}m_{012}^{(11)}m_{401}^{(20)}+m_{010}^{(21)}m_{012}^{(11)}m_{302}^{(00)}+2m_{010}^{(21)}m_{012}^{(20)}m_{410}^{(21)}-2m_{010}^{(21)}m_{012}^{(20)}m_{401}^{(11)}\\
&-2m_{010}^{(21)}m_{012}^{(20)}m_{320}^{(20)}+2m_{010}^{(21)}m_{012}^{(20)}m_{311}^{(10)}-2m_{010}^{(21)}m_{012}^{(21)}m_{500}^{(21)}+2m_{010}^{(21)}m_{012}^{(21)}m_{410}^{(20)}\\
&+2m_{010}^{(21)}m_{012}^{(21)}m_{401}^{(10)}-2m_{010}^{(21)}m_{012}^{(21)}m_{311}^{(00)}+m_{010}^{(21)}m_{012}^{(22)}m_{500}^{(11)}-2m_{010}^{(21)}m_{012}^{(22)}m_{410}^{(10)}\\
&+m_{010}^{(21)}m_{012}^{(22)}m_{320}^{(00)}-m_{010}^{(21)}m_{003}^{(00)}m_{320}^{(21)}+m_{010}^{(21)}m_{003}^{(00)}m_{311}^{(11)}+m_{010}^{(21)}m_{003}^{(00)}m_{230}^{(20)}\\
&-m_{010}^{(21)}m_{003}^{(00)}m_{221}^{(10)}+2m_{010}^{(21)}m_{003}^{(10)}m_{410}^{(21)}-m_{010}^{(21)}m_{003}^{(10)}m_{401}^{(11)}-2m_{010}^{(21)}m_{003}^{(10)}m_{320}^{(20)}\\
&+m_{010}^{(21)}m_{003}^{(10)}m_{221}^{(00)}-m_{010}^{(21)}m_{003}^{(11)}m_{500}^{(21)}+m_{010}^{(21)}m_{003}^{(11)}m_{410}^{(20)}+m_{010}^{(21)}m_{003}^{(11)}m_{401}^{(10)}\\
&-m_{010}^{(21)}m_{003}^{(11)}m_{311}^{(00)}-m_{010}^{(21)}m_{003}^{(20)}m_{410}^{(11)}+2m_{010}^{(21)}m_{003}^{(20)}m_{320}^{(10)}-m_{010}^{(21)}m_{003}^{(20)}m_{230}^{(00)}\\
&+m_{010}^{(21)}m_{003}^{(21)}m_{500}^{(11)}-2m_{010}^{(21)}m_{003}^{(21)}m_{410}^{(10)}+m_{010}^{(21)}m_{003}^{(21)}m_{320}^{(00)}+m_{010}^{(22)}m_{300}^{(00)}m_{041}^{(22)}\\
&-2m_{010}^{(22)}m_{300}^{(00)}m_{032}^{(21)}+m_{010}^{(22)}m_{300}^{(00)}m_{023}^{(11)}-2m_{010}^{(22)}m_{300}^{(10)}m_{131}^{(22)}+3m_{010}^{(22)}m_{300}^{(10)}m_{122}^{(21)}\\
&-m_{010}^{(22)}m_{300}^{(10)}m_{113}^{(11)}+m_{010}^{(22)}m_{300}^{(10)}m_{032}^{(20)}-m_{010}^{(22)}m_{300}^{(10)}m_{023}^{(10)}+m_{010}^{(22)}m_{300}^{(11)}m_{221}^{(22)}\\
&-m_{010}^{(22)}m_{300}^{(11)}m_{212}^{(21)}-m_{010}^{(22)}m_{300}^{(11)}m_{122}^{(20)}+m_{010}^{(22)}m_{300}^{(11)}m_{113}^{(10)}+m_{010}^{(22)}m_{300}^{(20)}m_{131}^{(21)}\\
&-m_{010}^{(22)}m_{300}^{(20)}m_{122}^{(11)}-m_{010}^{(22)}m_{300}^{(20)}m_{041}^{(20)}+m_{010}^{(22)}m_{300}^{(20)}m_{032}^{(10)}-m_{010}^{(22)}m_{300}^{(21)}m_{221}^{(21)}\\
&+m_{010}^{(22)}m_{300}^{(21)}m_{212}^{(11)}+m_{010}^{(22)}m_{300}^{(21)}m_{131}^{(20)}-m_{010}^{(22)}m_{300}^{(21)}m_{122}^{(10)}-2m_{010}^{(22)}m_{210}^{(00)}m_{131}^{(22)}\\
&+3m_{010}^{(22)}m_{210}^{(00)}m_{122}^{(21)}-m_{010}^{(22)}m_{210}^{(00)}m_{113}^{(11)}+m_{010}^{(22)}m_{210}^{(00)}m_{032}^{(20)}-m_{010}^{(22)}m_{210}^{(00)}m_{023}^{(10)}\\
&+4m_{010}^{(22)}m_{210}^{(10)}m_{221}^{(22)}-4m_{010}^{(22)}m_{210}^{(10)}m_{212}^{(21)}+m_{010}^{(22)}m_{210}^{(10)}m_{203}^{(11)}-4m_{010}^{(22)}m_{210}^{(10)}m_{122}^{(20)}\\
&+2m_{010}^{(22)}m_{210}^{(10)}m_{113}^{(10)}+m_{010}^{(22)}m_{210}^{(10)}m_{023}^{(00)}-2m_{010}^{(22)}m_{210}^{(11)}m_{311}^{(22)}+m_{010}^{(22)}m_{210}^{(11)}m_{302}^{(21)}\\
&+3m_{010}^{(22)}m_{210}^{(11)}m_{212}^{(20)}-m_{010}^{(22)}m_{210}^{(11)}m_{203}^{(10)}-m_{010}^{(22)}m_{210}^{(11)}m_{113}^{(00)}-2m_{010}^{(22)}m_{210}^{(20)}m_{221}^{(21)}\\
&+m_{010}^{(22)}m_{210}^{(20)}m_{212}^{(11)}+2m_{010}^{(22)}m_{210}^{(20)}m_{131}^{(20)}-m_{010}^{(22)}m_{210}^{(20)}m_{032}^{(00)}+2m_{010}^{(22)}m_{210}^{(21)}m_{311}^{(21)}\\
&-m_{010}^{(22)}m_{210}^{(21)}m_{302}^{(11)}-2m_{010}^{(22)}m_{210}^{(21)}m_{221}^{(20)}+m_{010}^{(22)}m_{210}^{(21)}m_{122}^{(00)}-m_{010}^{(22)}m_{201}^{(00)}m_{140}^{(22)}\\
&+3m_{010}^{(22)}m_{201}^{(00)}m_{131}^{(21)}-2m_{010}^{(22)}m_{201}^{(00)}m_{122}^{(11)}-m_{010}^{(22)}m_{201}^{(00)}m_{041}^{(20)}+m_{010}^{(22)}m_{201}^{(00)}m_{032}^{(10)}\\
&+2m_{010}^{(22)}m_{201}^{(10)}m_{230}^{(22)}-5m_{010}^{(22)}m_{201}^{(10)}m_{221}^{(21)}+2m_{010}^{(22)}m_{201}^{(10)}m_{212}^{(11)}+m_{010}^{(22)}m_{201}^{(10)}m_{131}^{(20)}\\
&+m_{010}^{(22)}m_{201}^{(10)}m_{122}^{(10)}-m_{010}^{(22)}m_{201}^{(10)}m_{032}^{(00)}-m_{010}^{(22)}m_{201}^{(11)}m_{320}^{(22)}+2m_{010}^{(22)}m_{201}^{(11)}m_{311}^{(21)}\\
&-2m_{010}^{(22)}m_{201}^{(11)}m_{212}^{(10)}+m_{010}^{(22)}m_{201}^{(11)}m_{122}^{(00)}-m_{010}^{(22)}m_{201}^{(20)}m_{230}^{(21)}+2m_{010}^{(22)}m_{201}^{(20)}m_{221}^{(11)}\\
&+m_{010}^{(22)}m_{201}^{(20)}m_{140}^{(20)}-3m_{010}^{(22)}m_{201}^{(20)}m_{131}^{(10)}+m_{010}^{(22)}m_{201}^{(20)}m_{041}^{(00)}+m_{010}^{(22)}m_{201}^{(21)}m_{320}^{(21)}\\
&-2m_{010}^{(22)}m_{201}^{(21)}m_{311}^{(11)}-m_{010}^{(22)}m_{201}^{(21)}m_{230}^{(20)}+3m_{010}^{(22)}m_{201}^{(21)}m_{221}^{(10)}-m_{010}^{(22)}m_{201}^{(21)}m_{131}^{(00)}\\
&+m_{010}^{(22)}m_{120}^{(00)}m_{221}^{(22)}-m_{010}^{(22)}m_{120}^{(00)}m_{212}^{(21)}-m_{010}^{(22)}m_{120}^{(00)}m_{122}^{(20)}+m_{010}^{(22)}m_{120}^{(00)}m_{113}^{(10)}\\
&-2m_{010}^{(22)}m_{120}^{(10)}m_{311}^{(22)}+m_{010}^{(22)}m_{120}^{(10)}m_{302}^{(21)}+3m_{010}^{(22)}m_{120}^{(10)}m_{212}^{(20)}-m_{010}^{(22)}m_{120}^{(10)}m_{203}^{(10)}\\
&-m_{010}^{(22)}m_{120}^{(10)}m_{113}^{(00)}+m_{010}^{(22)}m_{120}^{(11)}m_{401}^{(22)}-2m_{010}^{(22)}m_{120}^{(11)}m_{302}^{(20)}+m_{010}^{(22)}m_{120}^{(11)}m_{203}^{(00)}\\
&+m_{010}^{(22)}m_{120}^{(20)}m_{311}^{(21)}-m_{010}^{(22)}m_{120}^{(20)}m_{221}^{(20)}-m_{010}^{(22)}m_{120}^{(20)}m_{212}^{(10)}+m_{010}^{(22)}m_{120}^{(20)}m_{122}^{(00)}\\
&-m_{010}^{(22)}m_{120}^{(21)}m_{401}^{(21)}+m_{010}^{(22)}m_{120}^{(21)}m_{311}^{(20)}+m_{010}^{(22)}m_{120}^{(21)}m_{302}^{(10)}-m_{010}^{(22)}m_{120}^{(21)}m_{212}^{(00)}\\
&+2m_{010}^{(22)}m_{111}^{(00)}m_{230}^{(22)}-4m_{010}^{(22)}m_{111}^{(00)}m_{221}^{(21)}+2m_{010}^{(22)}m_{111}^{(00)}m_{212}^{(11)}-4m_{010}^{(22)}m_{111}^{(10)}m_{320}^{(22)}\\
&+6m_{010}^{(22)}m_{111}^{(10)}m_{311}^{(21)}-2m_{010}^{(22)}m_{111}^{(10)}m_{302}^{(11)}+2m_{010}^{(22)}m_{111}^{(10)}m_{221}^{(20)}-2m_{010}^{(22)}m_{111}^{(10)}m_{212}^{(10)}\\
&+2m_{010}^{(22)}m_{111}^{(11)}m_{410}^{(22)}-2m_{010}^{(22)}m_{111}^{(11)}m_{401}^{(21)}-2m_{010}^{(22)}m_{111}^{(11)}m_{311}^{(20)}+2m_{010}^{(22)}m_{111}^{(11)}m_{302}^{(10)}\\
&+2m_{010}^{(22)}m_{111}^{(20)}m_{320}^{(21)}-2m_{010}^{(22)}m_{111}^{(20)}m_{311}^{(11)}-2m_{010}^{(22)}m_{111}^{(20)}m_{230}^{(20)}+2m_{010}^{(22)}m_{111}^{(20)}m_{221}^{(10)}\\
&-2m_{010}^{(22)}m_{111}^{(21)}m_{410}^{(21)}+2m_{010}^{(22)}m_{111}^{(21)}m_{401}^{(11)}+2m_{010}^{(22)}m_{111}^{(21)}m_{320}^{(20)}-2m_{010}^{(22)}m_{111}^{(21)}m_{311}^{(10)}
\end{aligned}
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\begin{aligned}
&-m_{010}^{(22)}m_{102}^{(00)}m_{230}^{(21)}+m_{010}^{(22)}m_{102}^{(00)}m_{221}^{(11)}+m_{010}^{(22)}m_{102}^{(00)}m_{140}^{(20)}-m_{010}^{(22)}m_{102}^{(00)}m_{131}^{(10)}\\
&+2m_{010}^{(22)}m_{102}^{(10)}m_{320}^{(21)}-m_{010}^{(22)}m_{102}^{(10)}m_{311}^{(11)}-2m_{010}^{(22)}m_{102}^{(10)}m_{230}^{(20)}+m_{010}^{(22)}m_{102}^{(10)}m_{131}^{(00)}\\
&-m_{010}^{(22)}m_{102}^{(11)}m_{410}^{(21)}+m_{010}^{(22)}m_{102}^{(11)}m_{320}^{(20)}+m_{010}^{(22)}m_{102}^{(11)}m_{311}^{(10)}-m_{010}^{(22)}m_{102}^{(11)}m_{221}^{(00)}\\
&-m_{010}^{(22)}m_{102}^{(20)}m_{320}^{(11)}+2m_{010}^{(22)}m_{102}^{(20)}m_{230}^{(10)}-m_{010}^{(22)}m_{102}^{(20)}m_{140}^{(00)}+m_{010}^{(22)}m_{102}^{(21)}m_{410}^{(11)}\\
&-2m_{010}^{(22)}m_{102}^{(21)}m_{320}^{(10)}+m_{010}^{(22)}m_{102}^{(21)}m_{230}^{(00)}-m_{010}^{(22)}m_{021}^{(00)}m_{320}^{(22)}+m_{010}^{(22)}m_{021}^{(00)}m_{311}^{(21)}\\
&+m_{010}^{(22)}m_{021}^{(00)}m_{221}^{(20)}-m_{010}^{(22)}m_{021}^{(00)}m_{212}^{(10)}+2m_{010}^{(22)}m_{021}^{(10)}m_{410}^{(22)}-m_{010}^{(22)}m_{021}^{(10)}m_{401}^{(21)}\\
&-3m_{010}^{(22)}m_{021}^{(10)}m_{311}^{(20)}+m_{010}^{(22)}m_{021}^{(10)}m_{302}^{(10)}+m_{010}^{(22)}m_{021}^{(10)}m_{212}^{(00)}-m_{010}^{(22)}m_{021}^{(11)}m_{500}^{(22)}\\
&+2m_{010}^{(22)}m_{021}^{(11)}m_{401}^{(20)}-m_{010}^{(22)}m_{021}^{(11)}m_{302}^{(00)}-m_{010}^{(22)}m_{021}^{(20)}m_{410}^{(21)}+m_{010}^{(22)}m_{021}^{(20)}m_{320}^{(20)}\\
&+m_{010}^{(22)}m_{021}^{(20)}m_{311}^{(10)}-m_{010}^{(22)}m_{021}^{(20)}m_{221}^{(00)}+m_{010}^{(22)}m_{021}^{(21)}m_{500}^{(21)}-m_{010}^{(22)}m_{021}^{(21)}m_{410}^{(20)}\\
&-m_{010}^{(22)}m_{021}^{(21)}m_{401}^{(10)}+m_{010}^{(22)}m_{021}^{(21)}m_{311}^{(00)}+m_{010}^{(22)}m_{012}^{(00)}m_{320}^{(21)}-m_{010}^{(22)}m_{012}^{(00)}m_{311}^{(11)}\\
&-m_{010}^{(22)}m_{012}^{(00)}m_{230}^{(20)}+m_{010}^{(22)}m_{012}^{(00)}m_{221}^{(10)}-2m_{010}^{(22)}m_{012}^{(10)}m_{410}^{(21)}+m_{010}^{(22)}m_{012}^{(10)}m_{401}^{(11)}\\
&+2m_{010}^{(22)}m_{012}^{(10)}m_{320}^{(20)}-m_{010}^{(22)}m_{012}^{(10)}m_{221}^{(00)}+m_{010}^{(22)}m_{012}^{(11)}m_{500}^{(21)}-m_{010}^{(22)}m_{012}^{(11)}m_{410}^{(20)}\\
&-m_{010}^{(22)}m_{012}^{(11)}m_{401}^{(10)}+m_{010}^{(22)}m_{012}^{(11)}m_{311}^{(00)}+m_{010}^{(22)}m_{012}^{(20)}m_{410}^{(11)}-2m_{010}^{(22)}m_{012}^{(20)}m_{320}^{(10)}\\
&+m_{010}^{(22)}m_{012}^{(20)}m_{230}^{(00)}-m_{010}^{(22)}m_{012}^{(21)}m_{500}^{(11)}+2m_{010}^{(22)}m_{012}^{(21)}m_{410}^{(10)}-m_{010}^{(22)}m_{012}^{(21)}m_{320}^{(00)}\\
&-m_{001}^{(00)}m_{210}^{(10)}m_{032}^{(22)}+2m_{001}^{(00)}m_{210}^{(10)}m_{023}^{(21)}-m_{001}^{(00)}m_{210}^{(10)}m_{014}^{(11)}+m_{001}^{(00)}m_{210}^{(11)}m_{122}^{(22)}\\
&-m_{001}^{(00)}m_{210}^{(11)}m_{113}^{(21)}-m_{001}^{(00)}m_{210}^{(11)}m_{023}^{(20)}+m_{001}^{(00)}m_{210}^{(11)}m_{014}^{(10)}+m_{001}^{(00)}m_{210}^{(20)}m_{041}^{(22)}\\
&-2m_{001}^{(00)}m_{210}^{(20)}m_{032}^{(21)}+m_{001}^{(00)}m_{210}^{(20)}m_{023}^{(11)}-m_{001}^{(00)}m_{210}^{(21)}m_{131}^{(22)}+m_{001}^{(00)}m_{210}^{(21)}m_{113}^{(11)}\\
&+2m_{001}^{(00)}m_{210}^{(21)}m_{032}^{(20)}-2m_{001}^{(00)}m_{210}^{(21)}m_{023}^{(10)}+m_{001}^{(00)}m_{210}^{(22)}m_{131}^{(21)}-m_{001}^{(00)}m_{210}^{(22)}m_{122}^{(11)}\\
&-m_{001}^{(00)}m_{210}^{(22)}m_{041}^{(20)}+m_{001}^{(00)}m_{210}^{(22)}m_{032}^{(10)}+m_{001}^{(00)}m_{201}^{(10)}m_{041}^{(22)}-2m_{001}^{(00)}m_{201}^{(10)}m_{032}^{(21)}\\
&+m_{001}^{(00)}m_{201}^{(10)}m_{023}^{(11)}-m_{001}^{(00)}m_{201}^{(11)}m_{131}^{(22)}+m_{001}^{(00)}m_{201}^{(11)}m_{122}^{(21)}+m_{001}^{(00)}m_{201}^{(11)}m_{032}^{(20)}\\
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&+m_{001}^{(00)}m_{201}^{(21)}m_{140}^{(22)}-m_{001}^{(00)}m_{201}^{(21)}m_{122}^{(11)}-2m_{001}^{(00)}m_{201}^{(21)}m_{041}^{(20)}+2m_{001}^{(00)}m_{201}^{(21)}m_{032}^{(10)}\\
&-m_{001}^{(00)}m_{201}^{(22)}m_{140}^{(21)}+m_{001}^{(00)}m_{201}^{(22)}m_{131}^{(11)}+m_{001}^{(00)}m_{201}^{(22)}m_{050}^{(20)}-m_{001}^{(00)}m_{201}^{(22)}m_{041}^{(10)}\\
&+2m_{001}^{(00)}m_{120}^{(10)}m_{122}^{(22)}-3m_{001}^{(00)}m_{120}^{(10)}m_{113}^{(21)}+m_{001}^{(00)}m_{120}^{(10)}m_{104}^{(11)}-m_{001}^{(00)}m_{120}^{(10)}m_{023}^{(20)}\\
&+m_{001}^{(00)}m_{120}^{(10)}m_{014}^{(10)}-2m_{001}^{(00)}m_{120}^{(11)}m_{212}^{(22)}+m_{001}^{(00)}m_{120}^{(11)}m_{203}^{(21)}+3m_{001}^{(00)}m_{120}^{(11)}m_{113}^{(20)}\\
&-m_{001}^{(00)}m_{120}^{(11)}m_{104}^{(10)}-m_{001}^{(00)}m_{120}^{(11)}m_{014}^{(00)}-2m_{001}^{(00)}m_{120}^{(20)}m_{131}^{(22)}+3m_{001}^{(00)}m_{120}^{(20)}m_{122}^{(21)}\\
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&+m_{001}^{(00)}m_{120}^{(21)}m_{212}^{(21)}-m_{001}^{(00)}m_{120}^{(21)}m_{203}^{(11)}-5m_{001}^{(00)}m_{120}^{(21)}m_{122}^{(20)}+m_{001}^{(00)}m_{120}^{(21)}m_{113}^{(10)}\\
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&-2m_{001}^{(00)}m_{111}^{(21)}m_{230}^{(22)}-2m_{001}^{(00)}m_{111}^{(21)}m_{221}^{(21)}+6m_{001}^{(00)}m_{111}^{(21)}m_{131}^{(20)}+2m_{001}^{(00)}m_{111}^{(21)}m_{122}^{(10)}\\
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&+2m_{001}^{(00)}m_{111}^{(22)}m_{041}^{(00)}+m_{001}^{(00)}m_{102}^{(10)}m_{131}^{(21)}-m_{001}^{(00)}m_{102}^{(10)}m_{122}^{(11)}-m_{001}^{(00)}m_{102}^{(10)}m_{041}^{(20)}\\
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&-m_{001}^{(00)}m_{102}^{(20)}m_{041}^{(10)}+m_{001}^{(00)}m_{102}^{(21)}m_{230}^{(21)}+m_{001}^{(00)}m_{102}^{(21)}m_{221}^{(11)}-m_{001}^{(00)}m_{102}^{(21)}m_{140}^{(20)}
\end{aligned}
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\begin{aligned}
&-3m_{001}^{(00)}m_{102}^{(21)}m_{131}^{(10)}+2m_{001}^{(00)}m_{102}^{(21)}m_{041}^{(00)}-m_{001}^{(00)}m_{102}^{(22)}m_{230}^{(11)}+2m_{001}^{(00)}m_{102}^{(22)}m_{140}^{(10)}\\
&-m_{001}^{(00)}m_{102}^{(22)}m_{050}^{(00)}-m_{001}^{(00)}m_{030}^{(10)}m_{212}^{(22)}+m_{001}^{(00)}m_{030}^{(10)}m_{203}^{(21)}+m_{001}^{(00)}m_{030}^{(10)}m_{113}^{(20)}\\
&-m_{001}^{(00)}m_{030}^{(10)}m_{104}^{(10)}+m_{001}^{(00)}m_{030}^{(11)}m_{302}^{(22)}-2m_{001}^{(00)}m_{030}^{(11)}m_{203}^{(20)}+m_{001}^{(00)}m_{030}^{(11)}m_{104}^{(00)}\\
&+m_{001}^{(00)}m_{030}^{(20)}m_{221}^{(22)}-m_{001}^{(00)}m_{030}^{(20)}m_{212}^{(21)}-m_{001}^{(00)}m_{030}^{(20)}m_{122}^{(20)}+m_{001}^{(00)}m_{030}^{(20)}m_{113}^{(10)}\\
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&-2m_{001}^{(00)}m_{030}^{(21)}m_{113}^{(00)}+m_{001}^{(00)}m_{030}^{(22)}m_{311}^{(21)}-m_{001}^{(00)}m_{030}^{(22)}m_{221}^{(20)}-m_{001}^{(00)}m_{030}^{(22)}m_{212}^{(10)}\\
&+m_{001}^{(00)}m_{030}^{(22)}m_{122}^{(00)}+m_{001}^{(00)}m_{021}^{(10)}m_{221}^{(22)}-m_{001}^{(00)}m_{021}^{(10)}m_{203}^{(11)}-2m_{001}^{(00)}m_{021}^{(10)}m_{122}^{(20)}\\
&+2m_{001}^{(00)}m_{021}^{(10)}m_{113}^{(10)}-m_{001}^{(00)}m_{021}^{(11)}m_{311}^{(22)}-m_{001}^{(00)}m_{021}^{(11)}m_{302}^{(21)}+3m_{001}^{(00)}m_{021}^{(11)}m_{212}^{(20)}\\
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&+2m_{001}^{(00)}m_{021}^{(20)}m_{131}^{(20)}-2m_{001}^{(00)}m_{021}^{(20)}m_{122}^{(10)}+m_{001}^{(00)}m_{021}^{(21)}m_{320}^{(22)}+2m_{001}^{(00)}m_{021}^{(21)}m_{311}^{(21)}\\
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&+m_{001}^{(00)}m_{012}^{(11)}m_{122}^{(00)}+m_{001}^{(00)}m_{012}^{(20)}m_{230}^{(21)}-m_{001}^{(00)}m_{012}^{(20)}m_{221}^{(11)}-m_{001}^{(00)}m_{012}^{(20)}m_{140}^{(20)}\\
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&-m_{001}^{(10)}m_{300}^{(20)}m_{041}^{(22)}+2m_{001}^{(10)}m_{300}^{(20)}m_{032}^{(21)}-m_{001}^{(10)}m_{300}^{(20)}m_{023}^{(11)}+m_{001}^{(10)}m_{300}^{(21)}m_{131}^{(22)}\\
&-m_{001}^{(10)}m_{300}^{(21)}m_{113}^{(11)}-2m_{001}^{(10)}m_{300}^{(21)}m_{032}^{(20)}+2m_{001}^{(10)}m_{300}^{(21)}m_{023}^{(10)}-m_{001}^{(10)}m_{300}^{(22)}m_{131}^{(21)}\\
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&-2m_{001}^{(10)}m_{210}^{(00)}m_{023}^{(21)}+m_{001}^{(10)}m_{210}^{(00)}m_{014}^{(11)}-3m_{001}^{(10)}m_{210}^{(10)}m_{122}^{(22)}+4m_{001}^{(10)}m_{210}^{(10)}m_{113}^{(21)}\\
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&+m_{001}^{(10)}m_{210}^{(20)}m_{131}^{(22)}-m_{001}^{(10)}m_{210}^{(20)}m_{113}^{(11)}-2m_{001}^{(10)}m_{210}^{(20)}m_{032}^{(20)}+2m_{001}^{(10)}m_{210}^{(20)}m_{023}^{(10)}\\
&-m_{001}^{(10)}m_{210}^{(21)}m_{221}^{(22)}-2m_{001}^{(10)}m_{210}^{(21)}m_{212}^{(21)}+m_{001}^{(10)}m_{210}^{(21)}m_{203}^{(11)}+4m_{001}^{(10)}m_{210}^{(21)}m_{122}^{(20)}\\
&-2m_{001}^{(10)}m_{210}^{(21)}m_{023}^{(00)}+m_{001}^{(10)}m_{210}^{(22)}m_{221}^{(21)}-m_{001}^{(10)}m_{210}^{(22)}m_{131}^{(20)}-m_{001}^{(10)}m_{210}^{(22)}m_{122}^{(10)}\\
&+m_{001}^{(10)}m_{210}^{(22)}m_{032}^{(00)}-m_{001}^{(10)}m_{201}^{(00)}m_{041}^{(22)}+2m_{001}^{(10)}m_{201}^{(00)}m_{032}^{(21)}-m_{001}^{(10)}m_{201}^{(00)}m_{023}^{(11)}\\
&+2m_{001}^{(10)}m_{201}^{(10)}m_{122}^{(21)}-2m_{001}^{(10)}m_{201}^{(10)}m_{113}^{(11)}-2m_{001}^{(10)}m_{201}^{(10)}m_{032}^{(20)}+2m_{001}^{(10)}m_{201}^{(10)}m_{023}^{(10)}\\
&+m_{001}^{(10)}m_{201}^{(11)}m_{221}^{(22)}-2m_{001}^{(10)}m_{201}^{(11)}m_{212}^{(21)}+2m_{001}^{(10)}m_{201}^{(11)}m_{113}^{(10)}-m_{001}^{(10)}m_{201}^{(11)}m_{023}^{(00)}\\
&+2m_{001}^{(10)}m_{201}^{(20)}m_{140}^{(22)}-6m_{001}^{(10)}m_{201}^{(20)}m_{131}^{(21)}+4m_{001}^{(10)}m_{201}^{(20)}m_{122}^{(11)}+2m_{001}^{(10)}m_{201}^{(20)}m_{041}^{(20)}\\
&-2m_{001}^{(10)}m_{201}^{(20)}m_{032}^{(10)}-2m_{001}^{(10)}m_{201}^{(21)}m_{230}^{(22)}+2m_{001}^{(10)}m_{201}^{(21)}m_{221}^{(21)}+2m_{001}^{(10)}m_{201}^{(21)}m_{212}^{(11)}\\
&+2m_{001}^{(10)}m_{201}^{(21)}m_{131}^{(20)}-6m_{001}^{(10)}m_{201}^{(21)}m_{122}^{(10)}+2m_{001}^{(10)}m_{201}^{(21)}m_{032}^{(00)}+2m_{001}^{(10)}m_{201}^{(22)}m_{230}^{(21)}\\
&-3m_{001}^{(10)}m_{201}^{(22)}m_{221}^{(11)}-2m_{001}^{(10)}m_{201}^{(22)}m_{140}^{(20)}+4m_{001}^{(10)}m_{201}^{(22)}m_{131}^{(10)}-m_{001}^{(10)}m_{201}^{(22)}m_{041}^{(00)}\\
&-2m_{001}^{(10)}m_{120}^{(00)}m_{122}^{(22)}+3m_{001}^{(10)}m_{120}^{(00)}m_{113}^{(21)}-m_{001}^{(10)}m_{120}^{(00)}m_{104}^{(11)}+m_{001}^{(10)}m_{120}^{(00)}m_{023}^{(20)}\\
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&+2m_{001}^{(10)}m_{120}^{(10)}m_{104}^{(10)}+m_{001}^{(10)}m_{120}^{(10)}m_{014}^{(00)}-m_{001}^{(10)}m_{120}^{(11)}m_{302}^{(22)}+2m_{001}^{(10)}m_{120}^{(11)}m_{203}^{(20)}
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\begin{aligned}
&-m_{001}^{(10)}m_{120}^{(11)}m_{104}^{(00)}+m_{001}^{(10)}m_{120}^{(20)}m_{221}^{(22)}-4m_{001}^{(10)}m_{120}^{(20)}m_{212}^{(21)}+2m_{001}^{(10)}m_{120}^{(20)}m_{203}^{(11)}\\
&+2m_{001}^{(10)}m_{120}^{(20)}m_{122}^{(20)}-m_{001}^{(10)}m_{120}^{(20)}m_{023}^{(00)}-m_{001}^{(10)}m_{120}^{(21)}m_{311}^{(22)}+2m_{001}^{(10)}m_{120}^{(21)}m_{302}^{(21)}\\
&-2m_{001}^{(10)}m_{120}^{(21)}m_{203}^{(10)}+m_{001}^{(10)}m_{120}^{(21)}m_{113}^{(00)}+m_{001}^{(10)}m_{120}^{(22)}m_{311}^{(21)}-m_{001}^{(10)}m_{120}^{(22)}m_{302}^{(11)}\\
&-m_{001}^{(10)}m_{120}^{(22)}m_{221}^{(20)}+m_{001}^{(10)}m_{120}^{(22)}m_{212}^{(10)}+2m_{001}^{(10)}m_{111}^{(00)}m_{131}^{(22)}-2m_{001}^{(10)}m_{111}^{(00)}m_{122}^{(21)}\\
&-2m_{001}^{(10)}m_{111}^{(00)}m_{032}^{(20)}+2m_{001}^{(10)}m_{111}^{(00)}m_{023}^{(10)}-4m_{001}^{(10)}m_{111}^{(10)}m_{212}^{(21)}+2m_{001}^{(10)}m_{111}^{(10)}m_{203}^{(11)}\\
&+4m_{001}^{(10)}m_{111}^{(10)}m_{122}^{(20)}-2m_{001}^{(10)}m_{111}^{(10)}m_{023}^{(00)}-2m_{001}^{(10)}m_{111}^{(11)}m_{311}^{(22)}+2m_{001}^{(10)}m_{111}^{(11)}m_{302}^{(21)}\\
&+2m_{001}^{(10)}m_{111}^{(11)}m_{212}^{(20)}-2m_{001}^{(10)}m_{111}^{(11)}m_{203}^{(10)}-4m_{001}^{(10)}m_{111}^{(20)}m_{230}^{(22)}+8m_{001}^{(10)}m_{111}^{(20)}m_{221}^{(21)}\\
&-2m_{001}^{(10)}m_{111}^{(20)}m_{212}^{(11)}-4m_{001}^{(10)}m_{111}^{(20)}m_{122}^{(10)}+2m_{001}^{(10)}m_{111}^{(20)}m_{032}^{(00)}+4m_{001}^{(10)}m_{111}^{(21)}m_{320}^{(22)}\\
&-2m_{001}^{(10)}m_{111}^{(21)}m_{302}^{(11)}-8m_{001}^{(10)}m_{111}^{(21)}m_{221}^{(20)}+4m_{001}^{(10)}m_{111}^{(21)}m_{212}^{(10)}+2m_{001}^{(10)}m_{111}^{(21)}m_{122}^{(00)}\\
&-4m_{001}^{(10)}m_{111}^{(22)}m_{320}^{(21)}+2m_{001}^{(10)}m_{111}^{(22)}m_{311}^{(11)}+4m_{001}^{(10)}m_{111}^{(22)}m_{230}^{(20)}-2m_{001}^{(10)}m_{111}^{(22)}m_{131}^{(00)}\\
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&+m_{001}^{(10)}m_{102}^{(10)}m_{212}^{(11)}-2m_{001}^{(10)}m_{102}^{(10)}m_{122}^{(10)}+m_{001}^{(10)}m_{102}^{(10)}m_{032}^{(00)}+m_{001}^{(10)}m_{102}^{(11)}m_{311}^{(21)}\\
&-m_{001}^{(10)}m_{102}^{(11)}m_{221}^{(20)}-m_{001}^{(10)}m_{102}^{(11)}m_{212}^{(10)}+m_{001}^{(10)}m_{102}^{(11)}m_{122}^{(00)}+2m_{001}^{(10)}m_{102}^{(20)}m_{230}^{(21)}\\
&-3m_{001}^{(10)}m_{102}^{(20)}m_{221}^{(11)}-2m_{001}^{(10)}m_{102}^{(20)}m_{140}^{(20)}+4m_{001}^{(10)}m_{102}^{(20)}m_{131}^{(10)}-m_{001}^{(10)}m_{102}^{(20)}m_{041}^{(00)}\\
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&+m_{001}^{(10)}m_{030}^{(00)}m_{212}^{(22)}-m_{001}^{(10)}m_{030}^{(00)}m_{203}^{(21)}-m_{001}^{(10)}m_{030}^{(00)}m_{113}^{(20)}+m_{001}^{(10)}m_{030}^{(00)}m_{104}^{(10)}\\
&-m_{001}^{(10)}m_{030}^{(10)}m_{302}^{(22)}+2m_{001}^{(10)}m_{030}^{(10)}m_{203}^{(20)}-m_{001}^{(10)}m_{030}^{(10)}m_{104}^{(00)}-m_{001}^{(10)}m_{030}^{(20)}m_{311}^{(22)}\\
&+2m_{001}^{(10)}m_{030}^{(20)}m_{302}^{(21)}-2m_{001}^{(10)}m_{030}^{(20)}m_{203}^{(10)}+m_{001}^{(10)}m_{030}^{(20)}m_{113}^{(00)}+m_{001}^{(10)}m_{030}^{(21)}m_{401}^{(22)}\\
&-2m_{001}^{(10)}m_{030}^{(21)}m_{302}^{(20)}+m_{001}^{(10)}m_{030}^{(21)}m_{203}^{(00)}-m_{001}^{(10)}m_{030}^{(22)}m_{401}^{(21)}+m_{001}^{(10)}m_{030}^{(22)}m_{311}^{(20)}\\
&+m_{001}^{(10)}m_{030}^{(22)}m_{302}^{(10)}-m_{001}^{(10)}m_{030}^{(22)}m_{212}^{(00)}-m_{001}^{(10)}m_{021}^{(00)}m_{221}^{(22)}+m_{001}^{(10)}m_{021}^{(00)}m_{203}^{(11)}\\
&+2m_{001}^{(10)}m_{021}^{(00)}m_{122}^{(20)}-2m_{001}^{(10)}m_{021}^{(00)}m_{113}^{(10)}+2m_{001}^{(10)}m_{021}^{(10)}m_{302}^{(21)}-2m_{001}^{(10)}m_{021}^{(10)}m_{212}^{(20)}\\
&-2m_{001}^{(10)}m_{021}^{(10)}m_{203}^{(10)}+2m_{001}^{(10)}m_{021}^{(10)}m_{113}^{(00)}+m_{001}^{(10)}m_{021}^{(11)}m_{401}^{(22)}-2m_{001}^{(10)}m_{021}^{(11)}m_{302}^{(20)}\\
&+m_{001}^{(10)}m_{021}^{(11)}m_{203}^{(00)}+2m_{001}^{(10)}m_{021}^{(20)}m_{320}^{(22)}-2m_{001}^{(10)}m_{021}^{(20)}m_{311}^{(21)}-2m_{001}^{(10)}m_{021}^{(20)}m_{302}^{(11)}\\
&-2m_{001}^{(10)}m_{021}^{(20)}m_{221}^{(20)}+6m_{001}^{(10)}m_{021}^{(20)}m_{212}^{(10)}-2m_{001}^{(10)}m_{021}^{(20)}m_{122}^{(00)}-2m_{001}^{(10)}m_{021}^{(21)}m_{410}^{(22)}\\
&-2m_{001}^{(10)}m_{021}^{(21)}m_{401}^{(21)}+6m_{001}^{(10)}m_{021}^{(21)}m_{311}^{(20)}+2m_{001}^{(10)}m_{021}^{(21)}m_{302}^{(10)}-4m_{001}^{(10)}m_{021}^{(21)}m_{212}^{(00)}\\
&+2m_{001}^{(10)}m_{021}^{(22)}m_{410}^{(21)}+m_{001}^{(10)}m_{021}^{(22)}m_{401}^{(11)}-2m_{001}^{(10)}m_{021}^{(22)}m_{320}^{(20)}-4m_{001}^{(10)}m_{021}^{(22)}m_{311}^{(10)}\\
&+3m_{001}^{(10)}m_{021}^{(22)}m_{221}^{(00)}+m_{001}^{(10)}m_{012}^{(00)}m_{221}^{(21)}-m_{001}^{(10)}m_{012}^{(00)}m_{212}^{(11)}-m_{001}^{(10)}m_{012}^{(00)}m_{131}^{(20)}\\
&+m_{001}^{(10)}m_{012}^{(00)}m_{122}^{(10)}-m_{001}^{(10)}m_{012}^{(10)}m_{302}^{(11)}+2m_{001}^{(10)}m_{012}^{(10)}m_{212}^{(10)}-m_{001}^{(10)}m_{012}^{(10)}m_{122}^{(00)}\\
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&-4m_{001}^{(10)}m_{012}^{(21)}m_{311}^{(10)}+3m_{001}^{(10)}m_{012}^{(21)}m_{221}^{(00)}-2m_{001}^{(10)}m_{012}^{(22)}m_{410}^{(11)}+4m_{001}^{(10)}m_{012}^{(22)}m_{320}^{(10)}\\
&-2m_{001}^{(10)}m_{012}^{(22)}m_{230}^{(00)}-m_{001}^{(11)}m_{300}^{(00)}m_{032}^{(22)}+2m_{001}^{(11)}m_{300}^{(00)}m_{023}^{(21)}-m_{001}^{(11)}m_{300}^{(00)}m_{014}^{(11)}\\
&+m_{001}^{(11)}m_{300}^{(10)}m_{122}^{(22)}-m_{001}^{(11)}m_{300}^{(10)}m_{113}^{(21)}-m_{001}^{(11)}m_{300}^{(10)}m_{023}^{(20)}+m_{001}^{(11)}m_{300}^{(10)}m_{014}^{(10)}\\
&+m_{001}^{(11)}m_{300}^{(20)}m_{131}^{(22)}-3m_{001}^{(11)}m_{300}^{(20)}m_{122}^{(21)}+2m_{001}^{(11)}m_{300}^{(20)}m_{113}^{(11)}+m_{001}^{(11)}m_{300}^{(20)}m_{032}^{(20)}\\
&-m_{001}^{(11)}m_{300}^{(20)}m_{023}^{(10)}-m_{001}^{(11)}m_{300}^{(21)}m_{221}^{(22)}+m_{001}^{(11)}m_{300}^{(21)}m_{212}^{(21)}+m_{001}^{(11)}m_{300}^{(21)}m_{122}^{(20)}\\
&-m_{001}^{(11)}m_{300}^{(21)}m_{113}^{(10)}+m_{001}^{(11)}m_{300}^{(22)}m_{221}^{(21)}-m_{001}^{(11)}m_{300}^{(22)}m_{212}^{(11)}-m_{001}^{(11)}m_{300}^{(22)}m_{131}^{(20)}
\end{aligned}
$$

$$+m_{001}^{(11)}m_{300}^{(22)}m_{122}^{(10)}+2m_{001}^{(11)}m_{210}^{(00)}m_{122}^{(22)}-3m_{001}^{(11)}m_{210}^{(00)}m_{113}^{(21)}+m_{001}^{(11)}m_{210}^{(00)}m_{104}^{(11)}$$
$$-m_{001}^{(11)}m_{210}^{(00)}m_{023}^{(20)}+m_{001}^{(11)}m_{210}^{(00)}m_{014}^{(10)}-2m_{001}^{(11)}m_{210}^{(10)}m_{212}^{(22)}+m_{001}^{(11)}m_{210}^{(10)}m_{203}^{(21)}$$
$$+3m_{001}^{(11)}m_{210}^{(10)}m_{113}^{(20)}-m_{001}^{(11)}m_{210}^{(10)}m_{104}^{(10)}-m_{001}^{(11)}m_{210}^{(10)}m_{014}^{(00)}-2m_{001}^{(11)}m_{210}^{(20)}m_{221}^{(22)}$$
$$+5m_{001}^{(11)}m_{210}^{(20)}m_{212}^{(21)}-2m_{001}^{(11)}m_{210}^{(20)}m_{203}^{(11)}-m_{001}^{(11)}m_{210}^{(20)}m_{122}^{(20)}-m_{001}^{(11)}m_{210}^{(20)}m_{113}^{(10)}$$
$$+m_{001}^{(11)}m_{210}^{(20)}m_{023}^{(00)}+2m_{001}^{(11)}m_{210}^{(21)}m_{311}^{(22)}-m_{001}^{(11)}m_{210}^{(21)}m_{302}^{(21)}-3m_{001}^{(11)}m_{210}^{(21)}m_{212}^{(20)}$$
$$+m_{001}^{(11)}m_{210}^{(21)}m_{203}^{(10)}+m_{001}^{(11)}m_{210}^{(21)}m_{113}^{(00)}-2m_{001}^{(11)}m_{210}^{(22)}m_{311}^{(21)}+m_{001}^{(11)}m_{210}^{(22)}m_{302}^{(11)}$$
$$+2m_{001}^{(11)}m_{210}^{(22)}m_{221}^{(20)}-m_{001}^{(11)}m_{210}^{(22)}m_{122}^{(00)}+m_{001}^{(11)}m_{201}^{(00)}m_{131}^{(22)}-3m_{001}^{(11)}m_{201}^{(00)}m_{122}^{(21)}$$
$$+2m_{001}^{(11)}m_{201}^{(00)}m_{113}^{(11)}+m_{001}^{(11)}m_{201}^{(00)}m_{032}^{(20)}-m_{001}^{(11)}m_{201}^{(00)}m_{023}^{(10)}-m_{001}^{(11)}m_{201}^{(10)}m_{221}^{(22)}$$
$$+2m_{001}^{(11)}m_{201}^{(10)}m_{212}^{(21)}-2m_{001}^{(11)}m_{201}^{(10)}m_{113}^{(10)}+m_{001}^{(11)}m_{201}^{(10)}m_{023}^{(00)}-m_{001}^{(11)}m_{201}^{(20)}m_{230}^{(22)}$$
$$+4m_{001}^{(11)}m_{201}^{(20)}m_{221}^{(21)}-4m_{001}^{(11)}m_{201}^{(20)}m_{212}^{(11)}-2m_{001}^{(11)}m_{201}^{(20)}m_{131}^{(20)}+4m_{001}^{(11)}m_{201}^{(20)}m_{122}^{(10)}$$
$$-m_{001}^{(11)}m_{201}^{(20)}m_{032}^{(00)}+m_{001}^{(11)}m_{201}^{(21)}m_{320}^{(22)}-2m_{001}^{(11)}m_{201}^{(21)}m_{311}^{(21)}+2m_{001}^{(11)}m_{201}^{(21)}m_{212}^{(10)}$$
$$-m_{001}^{(11)}m_{201}^{(21)}m_{122}^{(00)}-m_{001}^{(11)}m_{201}^{(22)}m_{320}^{(21)}+2m_{001}^{(11)}m_{201}^{(22)}m_{311}^{(11)}+m_{001}^{(11)}m_{201}^{(22)}m_{230}^{(20)}$$
$$-3m_{001}^{(11)}m_{201}^{(22)}m_{221}^{(10)}+m_{001}^{(11)}m_{201}^{(22)}m_{131}^{(00)}-m_{001}^{(11)}m_{120}^{(00)}m_{212}^{(22)}+m_{001}^{(11)}m_{120}^{(00)}m_{203}^{(21)}$$
$$+m_{001}^{(11)}m_{120}^{(00)}m_{113}^{(20)}-m_{001}^{(11)}m_{120}^{(00)}m_{104}^{(10)}+m_{001}^{(11)}m_{120}^{(10)}m_{302}^{(22)}-2m_{001}^{(11)}m_{120}^{(10)}m_{203}^{(20)}$$
$$+m_{001}^{(11)}m_{120}^{(10)}m_{104}^{(00)}+m_{001}^{(11)}m_{120}^{(20)}m_{311}^{(22)}-2m_{001}^{(11)}m_{120}^{(20)}m_{302}^{(21)}+2m_{001}^{(11)}m_{120}^{(20)}m_{203}^{(10)}$$
$$-m_{001}^{(11)}m_{120}^{(20)}m_{113}^{(00)}-m_{001}^{(11)}m_{120}^{(21)}m_{401}^{(22)}+2m_{001}^{(11)}m_{120}^{(21)}m_{302}^{(20)}-m_{001}^{(11)}m_{120}^{(21)}m_{203}^{(00)}$$
$$+m_{001}^{(11)}m_{120}^{(22)}m_{401}^{(21)}-m_{001}^{(11)}m_{120}^{(22)}m_{311}^{(20)}-m_{001}^{(11)}m_{120}^{(22)}m_{302}^{(10)}+m_{001}^{(11)}m_{120}^{(22)}m_{212}^{(00)}$$
$$-2m_{001}^{(11)}m_{111}^{(00)}m_{221}^{(22)}+4m_{001}^{(11)}m_{111}^{(00)}m_{212}^{(21)}-2m_{001}^{(11)}m_{111}^{(00)}m_{203}^{(11)}+2m_{001}^{(11)}m_{111}^{(10)}m_{311}^{(22)}$$
$$-2m_{001}^{(11)}m_{111}^{(10)}m_{302}^{(21)}-2m_{001}^{(11)}m_{111}^{(10)}m_{212}^{(20)}+2m_{001}^{(11)}m_{111}^{(10)}m_{203}^{(10)}+2m_{001}^{(11)}m_{111}^{(20)}m_{320}^{(22)}$$
$$-6m_{001}^{(11)}m_{111}^{(20)}m_{311}^{(21)}+4m_{001}^{(11)}m_{111}^{(20)}m_{302}^{(11)}+2m_{001}^{(11)}m_{111}^{(20)}m_{221}^{(20)}-2m_{001}^{(11)}m_{111}^{(20)}m_{212}^{(10)}$$
$$-2m_{001}^{(11)}m_{111}^{(21)}m_{410}^{(22)}+2m_{001}^{(11)}m_{111}^{(21)}m_{401}^{(21)}+2m_{001}^{(11)}m_{111}^{(21)}m_{311}^{(20)}-2m_{001}^{(11)}m_{111}^{(21)}m_{302}^{(10)}$$
$$+2m_{001}^{(11)}m_{111}^{(22)}m_{410}^{(21)}-2m_{001}^{(11)}m_{111}^{(22)}m_{401}^{(11)}-2m_{001}^{(11)}m_{111}^{(22)}m_{320}^{(20)}+2m_{001}^{(11)}m_{111}^{(22)}m_{311}^{(10)}$$
$$+m_{001}^{(11)}m_{102}^{(00)}m_{221}^{(21)}-m_{001}^{(11)}m_{102}^{(00)}m_{212}^{(11)}-m_{001}^{(11)}m_{102}^{(00)}m_{131}^{(20)}+m_{001}^{(11)}m_{102}^{(00)}m_{122}^{(10)}$$
$$-m_{001}^{(11)}m_{102}^{(10)}m_{311}^{(21)}+m_{001}^{(11)}m_{102}^{(10)}m_{221}^{(20)}+m_{001}^{(11)}m_{102}^{(10)}m_{212}^{(10)}-m_{001}^{(11)}m_{102}^{(10)}m_{122}^{(00)}$$
$$-m_{001}^{(11)}m_{102}^{(20)}m_{320}^{(21)}+2m_{001}^{(11)}m_{102}^{(20)}m_{311}^{(11)}+m_{001}^{(11)}m_{102}^{(20)}m_{230}^{(20)}-3m_{001}^{(11)}m_{102}^{(20)}m_{221}^{(10)}$$
$$+m_{001}^{(11)}m_{102}^{(20)}m_{131}^{(00)}+m_{001}^{(11)}m_{102}^{(21)}m_{410}^{(21)}-m_{001}^{(11)}m_{102}^{(21)}m_{320}^{(20)}-m_{001}^{(11)}m_{102}^{(21)}m_{311}^{(10)}$$
$$+m_{001}^{(11)}m_{102}^{(21)}m_{221}^{(00)}-m_{001}^{(11)}m_{102}^{(22)}m_{410}^{(11)}+2m_{001}^{(11)}m_{102}^{(22)}m_{320}^{(10)}-m_{001}^{(11)}m_{102}^{(22)}m_{230}^{(00)}$$
$$+m_{001}^{(11)}m_{021}^{(00)}m_{311}^{(22)}-m_{001}^{(11)}m_{021}^{(00)}m_{302}^{(21)}-m_{001}^{(11)}m_{021}^{(00)}m_{212}^{(20)}+m_{001}^{(11)}m_{021}^{(00)}m_{203}^{(10)}$$
$$-m_{001}^{(11)}m_{021}^{(10)}m_{401}^{(22)}+2m_{001}^{(11)}m_{021}^{(10)}m_{302}^{(20)}-m_{001}^{(11)}m_{021}^{(10)}m_{203}^{(00)}-m_{001}^{(11)}m_{021}^{(20)}m_{410}^{(22)}$$
$$+2m_{001}^{(11)}m_{021}^{(20)}m_{401}^{(21)}-2m_{001}^{(11)}m_{021}^{(20)}m_{302}^{(10)}+m_{001}^{(11)}m_{021}^{(20)}m_{212}^{(00)}+m_{001}^{(11)}m_{021}^{(21)}m_{500}^{(22)}$$
$$-2m_{001}^{(11)}m_{021}^{(21)}m_{401}^{(20)}+m_{001}^{(11)}m_{021}^{(21)}m_{302}^{(00)}-m_{001}^{(11)}m_{021}^{(22)}m_{500}^{(21)}+m_{001}^{(11)}m_{021}^{(22)}m_{410}^{(20)}$$
$$+m_{001}^{(11)}m_{021}^{(22)}m_{401}^{(10)}-m_{001}^{(11)}m_{021}^{(22)}m_{311}^{(00)}-m_{001}^{(11)}m_{012}^{(00)}m_{311}^{(21)}+m_{001}^{(11)}m_{012}^{(00)}m_{302}^{(11)}$$
$$+m_{001}^{(11)}m_{012}^{(00)}m_{221}^{(20)}-m_{001}^{(11)}m_{012}^{(00)}m_{212}^{(10)}+m_{001}^{(11)}m_{012}^{(10)}m_{401}^{(21)}-m_{001}^{(11)}m_{012}^{(10)}m_{311}^{(20)}$$
$$-m_{001}^{(11)}m_{012}^{(10)}m_{302}^{(10)}+m_{001}^{(11)}m_{012}^{(10)}m_{212}^{(00)}+m_{001}^{(11)}m_{012}^{(20)}m_{410}^{(21)}-2m_{001}^{(11)}m_{012}^{(20)}m_{401}^{(11)}$$
$$-m_{001}^{(11)}m_{012}^{(20)}m_{320}^{(20)}+3m_{001}^{(11)}m_{012}^{(20)}m_{311}^{(10)}-m_{001}^{(11)}m_{012}^{(20)}m_{221}^{(00)}-m_{001}^{(11)}m_{012}^{(21)}m_{500}^{(21)}$$
$$+m_{001}^{(11)}m_{012}^{(21)}m_{410}^{(20)}+m_{001}^{(11)}m_{012}^{(21)}m_{401}^{(10)}-m_{001}^{(11)}m_{012}^{(21)}m_{311}^{(00)}+m_{001}^{(11)}m_{012}^{(22)}m_{500}^{(11)}$$
$$-2m_{001}^{(11)}m_{012}^{(22)}m_{410}^{(10)}+m_{001}^{(11)}m_{012}^{(22)}m_{320}^{(00)}-m_{001}^{(20)}m_{300}^{(10)}m_{041}^{(22)}+2m_{001}^{(20)}m_{300}^{(10)}m_{032}^{(21)}$$
$$-m_{001}^{(20)}m_{300}^{(10)}m_{023}^{(11)}+m_{001}^{(20)}m_{300}^{(11)}m_{131}^{(22)}-m_{001}^{(20)}m_{300}^{(11)}m_{122}^{(21)}-m_{001}^{(20)}m_{300}^{(11)}m_{032}^{(20)}$$

$$+m_{001}^{(20)}m_{300}^{(11)}m_{023}^{(10)}+m_{001}^{(20)}m_{300}^{(20)}m_{050}^{(22)}-2m_{001}^{(20)}m_{300}^{(20)}m_{041}^{(21)}+m_{001}^{(20)}m_{300}^{(20)}m_{032}^{(11)}$$
$$-m_{001}^{(20)}m_{300}^{(21)}m_{140}^{(22)}+m_{001}^{(20)}m_{300}^{(21)}m_{122}^{(11)}+2m_{001}^{(20)}m_{300}^{(21)}m_{041}^{(20)}-2m_{001}^{(20)}m_{300}^{(21)}m_{032}^{(10)}$$
$$+m_{001}^{(20)}m_{300}^{(22)}m_{140}^{(21)}-m_{001}^{(20)}m_{300}^{(22)}m_{131}^{(11)}-m_{001}^{(20)}m_{300}^{(22)}m_{050}^{(20)}+m_{001}^{(20)}m_{300}^{(22)}m_{041}^{(10)}$$
$$-m_{001}^{(20)}m_{210}^{(00)}m_{041}^{(22)}+2m_{001}^{(20)}m_{210}^{(00)}m_{032}^{(21)}-m_{001}^{(20)}m_{210}^{(00)}m_{023}^{(11)}+5m_{001}^{(20)}m_{210}^{(10)}m_{131}^{(22)}$$
$$-8m_{001}^{(20)}m_{210}^{(10)}m_{122}^{(21)}+3m_{001}^{(20)}m_{210}^{(10)}m_{113}^{(11)}-2m_{001}^{(20)}m_{210}^{(10)}m_{032}^{(20)}+2m_{001}^{(20)}m_{210}^{(10)}m_{023}^{(10)}$$
$$-4m_{001}^{(20)}m_{210}^{(11)}m_{221}^{(22)}+3m_{001}^{(20)}m_{210}^{(11)}m_{212}^{(21)}+5m_{001}^{(20)}m_{210}^{(11)}m_{122}^{(20)}-3m_{001}^{(20)}m_{210}^{(11)}m_{113}^{(10)}$$
$$-m_{001}^{(20)}m_{210}^{(11)}m_{023}^{(00)}-3m_{001}^{(20)}m_{210}^{(20)}m_{140}^{(22)}+4m_{001}^{(20)}m_{210}^{(20)}m_{131}^{(21)}-m_{001}^{(20)}m_{210}^{(20)}m_{122}^{(11)}$$
$$+2m_{001}^{(20)}m_{210}^{(20)}m_{041}^{(20)}-2m_{001}^{(20)}m_{210}^{(20)}m_{032}^{(10)}+3m_{001}^{(20)}m_{210}^{(21)}m_{230}^{(22)}+2m_{001}^{(20)}m_{210}^{(21)}m_{221}^{(21)}$$
$$-3m_{001}^{(20)}m_{210}^{(21)}m_{212}^{(11)}-8m_{001}^{(20)}m_{210}^{(21)}m_{131}^{(20)}+4m_{001}^{(20)}m_{210}^{(21)}m_{122}^{(10)}+2m_{001}^{(20)}m_{210}^{(21)}m_{032}^{(00)}$$
$$-3m_{001}^{(20)}m_{210}^{(22)}m_{230}^{(21)}+2m_{001}^{(20)}m_{210}^{(22)}m_{221}^{(11)}+3m_{001}^{(20)}m_{210}^{(22)}m_{140}^{(20)}-m_{001}^{(20)}m_{210}^{(22)}m_{131}^{(10)}$$
$$-m_{001}^{(20)}m_{210}^{(22)}m_{041}^{(00)}+m_{001}^{(20)}m_{201}^{(00)}m_{050}^{(22)}-2m_{001}^{(20)}m_{201}^{(00)}m_{041}^{(21)}+m_{001}^{(20)}m_{201}^{(00)}m_{032}^{(11)}$$
$$-2m_{001}^{(20)}m_{201}^{(10)}m_{140}^{(22)}+2m_{001}^{(20)}m_{201}^{(10)}m_{131}^{(21)}+2m_{001}^{(20)}m_{201}^{(10)}m_{041}^{(20)}-2m_{001}^{(20)}m_{201}^{(10)}m_{032}^{(10)}$$
$$+m_{001}^{(20)}m_{201}^{(11)}m_{230}^{(22)}-2m_{001}^{(20)}m_{201}^{(11)}m_{131}^{(20)}+m_{001}^{(20)}m_{201}^{(11)}m_{032}^{(00)}+2m_{001}^{(20)}m_{201}^{(20)}m_{140}^{(21)}$$
$$-2m_{001}^{(20)}m_{201}^{(20)}m_{131}^{(11)}-2m_{001}^{(20)}m_{201}^{(20)}m_{050}^{(20)}+2m_{001}^{(20)}m_{201}^{(20)}m_{041}^{(10)}-2m_{001}^{(20)}m_{201}^{(21)}m_{230}^{(21)}$$
$$+2m_{001}^{(20)}m_{201}^{(21)}m_{140}^{(20)}+2m_{001}^{(20)}m_{201}^{(21)}m_{131}^{(10)}-2m_{001}^{(20)}m_{201}^{(21)}m_{041}^{(00)}+m_{001}^{(20)}m_{201}^{(22)}m_{230}^{(11)}$$
$$-2m_{001}^{(20)}m_{201}^{(22)}m_{140}^{(10)}+m_{001}^{(20)}m_{201}^{(22)}m_{050}^{(00)}+2m_{001}^{(20)}m_{120}^{(00)}m_{131}^{(22)}-3m_{001}^{(20)}m_{120}^{(00)}m_{122}^{(21)}$$
$$+m_{001}^{(20)}m_{120}^{(00)}m_{113}^{(11)}-m_{001}^{(20)}m_{120}^{(00)}m_{032}^{(20)}+m_{001}^{(20)}m_{120}^{(00)}m_{023}^{(10)}-7m_{001}^{(20)}m_{120}^{(10)}m_{221}^{(22)}$$
$$+8m_{001}^{(20)}m_{120}^{(10)}m_{212}^{(21)}-2m_{001}^{(20)}m_{120}^{(10)}m_{203}^{(11)}+6m_{001}^{(20)}m_{120}^{(10)}m_{122}^{(20)}-4m_{001}^{(20)}m_{120}^{(10)}m_{113}^{(10)}$$
$$-m_{001}^{(20)}m_{120}^{(10)}m_{023}^{(00)}+5m_{001}^{(20)}m_{120}^{(11)}m_{311}^{(22)}-2m_{001}^{(20)}m_{120}^{(11)}m_{302}^{(21)}-8m_{001}^{(20)}m_{120}^{(11)}m_{212}^{(20)}$$
$$+2m_{001}^{(20)}m_{120}^{(11)}m_{203}^{(10)}+3m_{001}^{(20)}m_{120}^{(11)}m_{113}^{(00)}+3m_{001}^{(20)}m_{120}^{(20)}m_{230}^{(22)}-2m_{001}^{(20)}m_{120}^{(20)}m_{221}^{(21)}$$
$$-4m_{001}^{(20)}m_{120}^{(20)}m_{131}^{(20)}+2m_{001}^{(20)}m_{120}^{(20)}m_{122}^{(10)}+m_{001}^{(20)}m_{120}^{(20)}m_{032}^{(00)}-3m_{001}^{(20)}m_{120}^{(21)}m_{320}^{(22)}$$
$$-4m_{001}^{(20)}m_{120}^{(21)}m_{311}^{(21)}+2m_{001}^{(20)}m_{120}^{(21)}m_{302}^{(11)}+10m_{001}^{(20)}m_{120}^{(21)}m_{221}^{(20)}-5m_{001}^{(20)}m_{120}^{(21)}m_{122}^{(00)}$$
$$+3m_{001}^{(20)}m_{120}^{(22)}m_{320}^{(21)}-m_{001}^{(20)}m_{120}^{(22)}m_{311}^{(11)}-3m_{001}^{(20)}m_{120}^{(22)}m_{230}^{(20)}-m_{001}^{(20)}m_{120}^{(22)}m_{221}^{(10)}$$
$$+2m_{001}^{(20)}m_{120}^{(22)}m_{131}^{(00)}-2m_{001}^{(20)}m_{111}^{(00)}m_{140}^{(22)}+2m_{001}^{(20)}m_{111}^{(00)}m_{131}^{(21)}+2m_{001}^{(20)}m_{111}^{(00)}m_{041}^{(20)}$$
$$-2m_{001}^{(20)}m_{111}^{(00)}m_{032}^{(10)}+4m_{001}^{(20)}m_{111}^{(10)}m_{230}^{(22)}-2m_{001}^{(20)}m_{111}^{(10)}m_{212}^{(11)}-8m_{001}^{(20)}m_{111}^{(10)}m_{131}^{(20)}$$
$$+4m_{001}^{(20)}m_{111}^{(10)}m_{122}^{(10)}+2m_{001}^{(20)}m_{111}^{(10)}m_{032}^{(00)}-2m_{001}^{(20)}m_{111}^{(11)}m_{320}^{(22)}-2m_{001}^{(20)}m_{111}^{(11)}m_{311}^{(21)}$$
$$+6m_{001}^{(20)}m_{111}^{(11)}m_{221}^{(20)}+2m_{001}^{(20)}m_{111}^{(11)}m_{212}^{(10)}-4m_{001}^{(20)}m_{111}^{(11)}m_{122}^{(00)}-4m_{001}^{(20)}m_{111}^{(20)}m_{230}^{(21)}$$
$$+2m_{001}^{(20)}m_{111}^{(20)}m_{221}^{(11)}+4m_{001}^{(20)}m_{111}^{(20)}m_{140}^{(20)}-2m_{001}^{(20)}m_{111}^{(20)}m_{041}^{(00)}+4m_{001}^{(20)}m_{111}^{(21)}m_{320}^{(21)}$$
$$+2m_{001}^{(20)}m_{111}^{(21)}m_{311}^{(11)}-4m_{001}^{(20)}m_{111}^{(21)}m_{230}^{(20)}-8m_{001}^{(20)}m_{111}^{(21)}m_{221}^{(10)}+6m_{001}^{(20)}m_{111}^{(21)}m_{131}^{(00)}$$
$$-2m_{001}^{(20)}m_{111}^{(22)}m_{320}^{(11)}+4m_{001}^{(20)}m_{111}^{(22)}m_{230}^{(10)}-2m_{001}^{(20)}m_{111}^{(22)}m_{140}^{(00)}+m_{001}^{(20)}m_{102}^{(00)}m_{140}^{(21)}$$
$$-m_{001}^{(20)}m_{102}^{(00)}m_{131}^{(11)}-m_{001}^{(20)}m_{102}^{(00)}m_{050}^{(20)}+m_{001}^{(20)}m_{102}^{(00)}m_{041}^{(10)}-2m_{001}^{(20)}m_{102}^{(10)}m_{230}^{(21)}$$
$$+m_{001}^{(20)}m_{102}^{(10)}m_{221}^{(11)}+2m_{001}^{(20)}m_{102}^{(10)}m_{140}^{(20)}-m_{001}^{(20)}m_{102}^{(10)}m_{041}^{(00)}+m_{001}^{(20)}m_{102}^{(11)}m_{320}^{(21)}$$
$$-m_{001}^{(20)}m_{102}^{(11)}m_{230}^{(20)}-m_{001}^{(20)}m_{102}^{(11)}m_{221}^{(10)}+m_{001}^{(20)}m_{102}^{(11)}m_{131}^{(00)}+m_{001}^{(20)}m_{102}^{(20)}m_{230}^{(11)}$$
$$-2m_{001}^{(20)}m_{102}^{(20)}m_{140}^{(10)}+m_{001}^{(20)}m_{102}^{(20)}m_{050}^{(00)}-m_{001}^{(20)}m_{102}^{(21)}m_{320}^{(11)}+2m_{001}^{(20)}m_{102}^{(21)}m_{230}^{(10)}$$
$$-m_{001}^{(20)}m_{102}^{(21)}m_{140}^{(00)}-m_{001}^{(20)}m_{030}^{(00)}m_{221}^{(22)}+m_{001}^{(20)}m_{030}^{(00)}m_{212}^{(21)}+m_{001}^{(20)}m_{030}^{(00)}m_{122}^{(20)}$$
$$-m_{001}^{(20)}m_{030}^{(00)}m_{113}^{(10)}+3m_{001}^{(20)}m_{030}^{(10)}m_{311}^{(22)}-2m_{001}^{(20)}m_{030}^{(10)}m_{302}^{(21)}-4m_{001}^{(20)}m_{030}^{(10)}m_{212}^{(20)}$$
$$+2m_{001}^{(20)}m_{030}^{(10)}m_{203}^{(10)}+m_{001}^{(20)}m_{030}^{(10)}m_{113}^{(00)}-2m_{001}^{(20)}m_{030}^{(11)}m_{401}^{(22)}+4m_{001}^{(20)}m_{030}^{(11)}m_{302}^{(20)}$$
$$-2m_{001}^{(20)}m_{030}^{(11)}m_{203}^{(00)}-m_{001}^{(20)}m_{030}^{(20)}m_{320}^{(22)}+2m_{001}^{(20)}m_{030}^{(20)}m_{221}^{(20)}-m_{001}^{(20)}m_{030}^{(20)}m_{122}^{(00)}$$

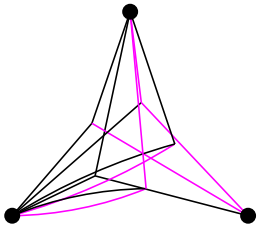
$$+m_{001}^{(20)}m_{030}^{(21)}m_{410}^{(22)}+2m_{001}^{(20)}m_{030}^{(21)}m_{401}^{(21)}-4m_{001}^{(20)}m_{030}^{(21)}m_{311}^{(20)}-2m_{001}^{(20)}m_{030}^{(21)}m_{302}^{(10)}$$
$$+3m_{001}^{(20)}m_{030}^{(21)}m_{212}^{(00)}-m_{001}^{(20)}m_{030}^{(22)}m_{410}^{(21)}+m_{001}^{(20)}m_{030}^{(22)}m_{320}^{(20)}+m_{001}^{(20)}m_{030}^{(22)}m_{311}^{(10)}$$
$$-m_{001}^{(20)}m_{030}^{(22)}m_{221}^{(00)}+m_{001}^{(20)}m_{021}^{(00)}m_{230}^{(22)}-m_{001}^{(20)}m_{021}^{(00)}m_{212}^{(11)}-2m_{001}^{(20)}m_{021}^{(00)}m_{131}^{(20)}$$
$$+2m_{001}^{(20)}m_{021}^{(00)}m_{122}^{(10)}-2m_{001}^{(20)}m_{021}^{(10)}m_{320}^{(22)}-2m_{001}^{(20)}m_{021}^{(10)}m_{311}^{(21)}+2m_{001}^{(20)}m_{021}^{(10)}m_{302}^{(11)}$$
$$+6m_{001}^{(20)}m_{021}^{(10)}m_{221}^{(20)}-2m_{001}^{(20)}m_{021}^{(10)}m_{212}^{(10)}-2m_{001}^{(20)}m_{021}^{(10)}m_{122}^{(00)}+m_{001}^{(20)}m_{021}^{(11)}m_{410}^{(22)}$$
$$+2m_{001}^{(20)}m_{021}^{(11)}m_{401}^{(21)}-4m_{001}^{(20)}m_{021}^{(11)}m_{311}^{(20)}-2m_{001}^{(20)}m_{021}^{(11)}m_{302}^{(10)}+3m_{001}^{(20)}m_{021}^{(11)}m_{212}^{(00)}$$
$$+2m_{001}^{(20)}m_{021}^{(20)}m_{320}^{(21)}-2m_{001}^{(20)}m_{021}^{(20)}m_{230}^{(20)}-2m_{001}^{(20)}m_{021}^{(20)}m_{221}^{(10)}+2m_{001}^{(20)}m_{021}^{(20)}m_{131}^{(00)}$$
$$-2m_{001}^{(20)}m_{021}^{(21)}m_{410}^{(21)}-2m_{001}^{(20)}m_{021}^{(21)}m_{401}^{(11)}+2m_{001}^{(20)}m_{021}^{(21)}m_{320}^{(20)}+6m_{001}^{(20)}m_{021}^{(21)}m_{311}^{(10)}$$
$$-4m_{001}^{(20)}m_{021}^{(21)}m_{221}^{(00)}+m_{001}^{(20)}m_{021}^{(22)}m_{410}^{(11)}-2m_{001}^{(20)}m_{021}^{(22)}m_{320}^{(10)}+m_{001}^{(20)}m_{021}^{(22)}m_{230}^{(00)}$$
$$-m_{001}^{(20)}m_{012}^{(00)}m_{230}^{(21)}+m_{001}^{(20)}m_{012}^{(00)}m_{221}^{(11)}+m_{001}^{(20)}m_{012}^{(00)}m_{140}^{(20)}-m_{001}^{(20)}m_{012}^{(00)}m_{131}^{(10)}$$
$$+2m_{001}^{(20)}m_{012}^{(10)}m_{320}^{(21)}-m_{001}^{(20)}m_{012}^{(10)}m_{311}^{(11)}-2m_{001}^{(20)}m_{012}^{(10)}m_{230}^{(20)}+m_{001}^{(20)}m_{012}^{(10)}m_{131}^{(00)}$$
$$-m_{001}^{(20)}m_{012}^{(11)}m_{410}^{(21)}+m_{001}^{(20)}m_{012}^{(11)}m_{320}^{(20)}+m_{001}^{(20)}m_{012}^{(11)}m_{311}^{(10)}-m_{001}^{(20)}m_{012}^{(11)}m_{221}^{(00)}$$
$$-m_{001}^{(20)}m_{012}^{(20)}m_{320}^{(11)}+2m_{001}^{(20)}m_{012}^{(20)}m_{230}^{(10)}-m_{001}^{(20)}m_{012}^{(20)}m_{140}^{(00)}+m_{001}^{(20)}m_{012}^{(21)}m_{410}^{(11)}$$
$$-2m_{001}^{(20)}m_{012}^{(21)}m_{320}^{(10)}+m_{001}^{(20)}m_{012}^{(21)}m_{230}^{(00)}+2m_{001}^{(21)}m_{300}^{(00)}m_{041}^{(22)}-4m_{001}^{(21)}m_{300}^{(00)}m_{032}^{(21)}$$
$$+2m_{001}^{(21)}m_{300}^{(00)}m_{023}^{(11)}-3m_{001}^{(21)}m_{300}^{(10)}m_{131}^{(22)}+4m_{001}^{(21)}m_{300}^{(10)}m_{122}^{(21)}-m_{001}^{(21)}m_{300}^{(10)}m_{113}^{(11)}$$
$$+2m_{001}^{(21)}m_{300}^{(10)}m_{032}^{(20)}-2m_{001}^{(21)}m_{300}^{(10)}m_{023}^{(10)}+m_{001}^{(21)}m_{300}^{(11)}m_{221}^{(22)}-m_{001}^{(21)}m_{300}^{(11)}m_{212}^{(21)}$$
$$-m_{001}^{(21)}m_{300}^{(11)}m_{122}^{(20)}+m_{001}^{(21)}m_{300}^{(11)}m_{113}^{(10)}-m_{001}^{(21)}m_{300}^{(20)}m_{140}^{(22)}+4m_{001}^{(21)}m_{300}^{(20)}m_{131}^{(21)}$$
$$-3m_{001}^{(21)}m_{300}^{(20)}m_{122}^{(11)}-2m_{001}^{(21)}m_{300}^{(20)}m_{041}^{(20)}+2m_{001}^{(21)}m_{300}^{(20)}m_{032}^{(10)}+m_{001}^{(21)}m_{300}^{(21)}m_{230}^{(22)}$$
$$-2m_{001}^{(21)}m_{300}^{(21)}m_{221}^{(21)}+m_{001}^{(21)}m_{300}^{(21)}m_{212}^{(11)}-m_{001}^{(21)}m_{300}^{(22)}m_{230}^{(21)}+m_{001}^{(21)}m_{300}^{(22)}m_{221}^{(11)}$$
$$+m_{001}^{(21)}m_{300}^{(22)}m_{140}^{(20)}-m_{001}^{(21)}m_{300}^{(22)}m_{131}^{(10)}-5m_{001}^{(21)}m_{210}^{(00)}m_{131}^{(22)}+8m_{001}^{(21)}m_{210}^{(00)}m_{122}^{(21)}$$
$$-3m_{001}^{(21)}m_{210}^{(00)}m_{113}^{(11)}+2m_{001}^{(21)}m_{210}^{(00)}m_{032}^{(20)}-2m_{001}^{(21)}m_{210}^{(00)}m_{023}^{(10)}+7m_{001}^{(21)}m_{210}^{(10)}m_{221}^{(22)}$$
$$-6m_{001}^{(21)}m_{210}^{(10)}m_{212}^{(21)}+m_{001}^{(21)}m_{210}^{(10)}m_{203}^{(11)}-8m_{001}^{(21)}m_{210}^{(10)}m_{122}^{(20)}+4m_{001}^{(21)}m_{210}^{(10)}m_{113}^{(10)}$$
$$+2m_{001}^{(21)}m_{210}^{(10)}m_{023}^{(00)}-2m_{001}^{(21)}m_{210}^{(11)}m_{311}^{(22)}+m_{001}^{(21)}m_{210}^{(11)}m_{302}^{(21)}+3m_{001}^{(21)}m_{210}^{(11)}m_{212}^{(20)}$$
$$-m_{001}^{(21)}m_{210}^{(11)}m_{203}^{(10)}-m_{001}^{(21)}m_{210}^{(11)}m_{113}^{(00)}+3m_{001}^{(21)}m_{210}^{(20)}m_{230}^{(22)}-10m_{001}^{(21)}m_{210}^{(20)}m_{221}^{(21)}$$
$$+5m_{001}^{(21)}m_{210}^{(20)}m_{212}^{(11)}+4m_{001}^{(21)}m_{210}^{(20)}m_{131}^{(20)}-2m_{001}^{(21)}m_{210}^{(20)}m_{032}^{(00)}-3m_{001}^{(21)}m_{210}^{(21)}m_{320}^{(22)}$$
$$+4m_{001}^{(21)}m_{210}^{(21)}m_{311}^{(21)}-m_{001}^{(21)}m_{210}^{(21)}m_{302}^{(11)}+2m_{001}^{(21)}m_{210}^{(21)}m_{221}^{(20)}-2m_{001}^{(21)}m_{210}^{(21)}m_{212}^{(10)}$$
$$+3m_{001}^{(21)}m_{210}^{(22)}m_{320}^{(21)}-2m_{001}^{(21)}m_{210}^{(22)}m_{311}^{(11)}-3m_{001}^{(21)}m_{210}^{(22)}m_{230}^{(20)}+m_{001}^{(21)}m_{210}^{(22)}m_{221}^{(10)}$$
$$+m_{001}^{(21)}m_{210}^{(22)}m_{131}^{(00)}-m_{001}^{(21)}m_{201}^{(00)}m_{140}^{(22)}+4m_{001}^{(21)}m_{201}^{(00)}m_{131}^{(21)}-3m_{001}^{(21)}m_{201}^{(00)}m_{122}^{(11)}$$
$$-2m_{001}^{(21)}m_{201}^{(00)}m_{041}^{(20)}+2m_{001}^{(21)}m_{201}^{(00)}m_{032}^{(10)}+2m_{001}^{(21)}m_{201}^{(10)}m_{230}^{(22)}-6m_{001}^{(21)}m_{201}^{(10)}m_{221}^{(21)}$$
$$+2m_{001}^{(21)}m_{201}^{(10)}m_{212}^{(11)}+2m_{001}^{(21)}m_{201}^{(10)}m_{131}^{(20)}+2m_{001}^{(21)}m_{201}^{(10)}m_{122}^{(10)}-2m_{001}^{(21)}m_{201}^{(10)}m_{032}^{(00)}$$
$$-m_{001}^{(21)}m_{201}^{(11)}m_{320}^{(22)}+2m_{001}^{(21)}m_{201}^{(11)}m_{311}^{(21)}-2m_{001}^{(21)}m_{201}^{(11)}m_{212}^{(10)}+m_{001}^{(21)}m_{201}^{(11)}m_{122}^{(00)}$$
$$-2m_{001}^{(21)}m_{201}^{(20)}m_{230}^{(21)}+4m_{001}^{(21)}m_{201}^{(20)}m_{221}^{(11)}+2m_{001}^{(21)}m_{201}^{(20)}m_{140}^{(20)}-6m_{001}^{(21)}m_{201}^{(20)}m_{131}^{(10)}$$
$$+2m_{001}^{(21)}m_{201}^{(20)}m_{041}^{(00)}+2m_{001}^{(21)}m_{201}^{(21)}m_{320}^{(21)}-2m_{001}^{(21)}m_{201}^{(21)}m_{311}^{(11)}-2m_{001}^{(21)}m_{201}^{(21)}m_{230}^{(20)}$$
$$+2m_{001}^{(21)}m_{201}^{(21)}m_{221}^{(10)}-m_{001}^{(21)}m_{201}^{(22)}m_{320}^{(11)}+2m_{001}^{(21)}m_{201}^{(22)}m_{230}^{(10)}-m_{001}^{(21)}m_{201}^{(22)}m_{140}^{(00)}$$
$$+4m_{001}^{(21)}m_{120}^{(00)}m_{221}^{(22)}-5m_{001}^{(21)}m_{120}^{(00)}m_{212}^{(21)}+m_{001}^{(21)}m_{120}^{(00)}m_{203}^{(11)}-3m_{001}^{(21)}m_{120}^{(00)}m_{122}^{(20)}$$
$$+3m_{001}^{(21)}m_{120}^{(00)}m_{113}^{(10)}-5m_{001}^{(21)}m_{120}^{(10)}m_{311}^{(22)}+2m_{001}^{(21)}m_{120}^{(10)}m_{302}^{(21)}+8m_{001}^{(21)}m_{120}^{(10)}m_{212}^{(20)}$$
$$-2m_{001}^{(21)}m_{120}^{(10)}m_{203}^{(10)}-3m_{001}^{(21)}m_{120}^{(10)}m_{113}^{(00)}+m_{001}^{(21)}m_{120}^{(11)}m_{401}^{(22)}-2m_{001}^{(21)}m_{120}^{(11)}m_{302}^{(20)}$$
$$+m_{001}^{(21)}m_{120}^{(11)}m_{203}^{(00)}-3m_{001}^{(21)}m_{120}^{(20)}m_{320}^{(22)}+8m_{001}^{(21)}m_{120}^{(20)}m_{311}^{(21)}-2m_{001}^{(21)}m_{120}^{(20)}m_{302}^{(11)}$$

$$
\begin{aligned}
&-2m_{001}^{(21)}m_{120}^{(20)}m_{221}^{(20)} - 4m_{001}^{(21)}m_{120}^{(20)}m_{212}^{(10)} + 3m_{001}^{(21)}m_{120}^{(20)}m_{122}^{(00)} + 3m_{001}^{(21)}m_{120}^{(21)}m_{410}^{(22)}\\
&-2m_{001}^{(21)}m_{120}^{(21)}m_{401}^{(21)} - 4m_{001}^{(21)}m_{120}^{(21)}m_{311}^{(20)} + 2m_{001}^{(21)}m_{120}^{(21)}m_{302}^{(10)} + m_{001}^{(21)}m_{120}^{(21)}m_{212}^{(00)}\\
&-3m_{001}^{(21)}m_{120}^{(22)}m_{410}^{(21)} + m_{001}^{(21)}m_{120}^{(22)}m_{401}^{(11)} + 3m_{001}^{(21)}m_{120}^{(22)}m_{320}^{(20)} + m_{001}^{(21)}m_{120}^{(22)}m_{311}^{(10)}\\
&-2m_{001}^{(21)}m_{120}^{(22)}m_{221}^{(00)} + 2m_{001}^{(21)}m_{111}^{(00)}m_{230}^{(22)} - 6m_{001}^{(21)}m_{111}^{(00)}m_{221}^{(21)} + 4m_{001}^{(21)}m_{111}^{(00)}m_{212}^{(11)}\\
&+2m_{001}^{(21)}m_{111}^{(00)}m_{131}^{(20)} - 2m_{001}^{(21)}m_{111}^{(00)}m_{122}^{(10)} - 4m_{001}^{(21)}m_{111}^{(10)}m_{320}^{(22)} + 8m_{001}^{(21)}m_{111}^{(10)}m_{311}^{(21)}\\
&-2m_{001}^{(21)}m_{111}^{(10)}m_{302}^{(11)} - 4m_{001}^{(21)}m_{111}^{(10)}m_{212}^{(10)} + 2m_{001}^{(21)}m_{111}^{(10)}m_{122}^{(00)} + 2m_{001}^{(21)}m_{111}^{(11)}m_{410}^{(22)}\\
&-2m_{001}^{(21)}m_{111}^{(11)}m_{401}^{(21)} - 2m_{001}^{(21)}m_{111}^{(11)}m_{311}^{(20)} + 2m_{001}^{(21)}m_{111}^{(11)}m_{302}^{(10)} + 4m_{001}^{(21)}m_{111}^{(20)}m_{320}^{(21)}\\
&-6m_{001}^{(21)}m_{111}^{(20)}m_{311}^{(11)} - 4m_{001}^{(21)}m_{111}^{(20)}m_{230}^{(20)} + 8m_{001}^{(21)}m_{111}^{(20)}m_{221}^{(10)} - 2m_{001}^{(21)}m_{111}^{(20)}m_{131}^{(00)}\\
&-4m_{001}^{(21)}m_{111}^{(21)}m_{410}^{(21)} + 2m_{001}^{(21)}m_{111}^{(21)}m_{401}^{(11)} + 4m_{001}^{(21)}m_{111}^{(21)}m_{320}^{(20)} - 2m_{001}^{(21)}m_{111}^{(21)}m_{221}^{(00)}\\
&+2m_{001}^{(21)}m_{111}^{(22)}m_{410}^{(11)} - 4m_{001}^{(21)}m_{111}^{(22)}m_{320}^{(10)} + 2m_{001}^{(21)}m_{111}^{(22)}m_{230}^{(00)} - m_{001}^{(21)}m_{102}^{(00)}m_{230}^{(21)}\\
&+m_{001}^{(21)}m_{102}^{(00)}m_{221}^{(11)} + m_{001}^{(21)}m_{102}^{(00)}m_{140}^{(20)} - m_{001}^{(21)}m_{102}^{(00)}m_{131}^{(10)} + 2m_{001}^{(21)}m_{102}^{(10)}m_{320}^{(21)}\\
&-m_{001}^{(21)}m_{102}^{(10)}m_{311}^{(11)} - 2m_{001}^{(21)}m_{102}^{(10)}m_{230}^{(20)} + m_{001}^{(21)}m_{102}^{(10)}m_{131}^{(00)} - m_{001}^{(21)}m_{102}^{(11)}m_{410}^{(21)}\\
&+m_{001}^{(21)}m_{102}^{(11)}m_{320}^{(20)} + m_{001}^{(21)}m_{102}^{(11)}m_{311}^{(10)} - m_{001}^{(21)}m_{102}^{(11)}m_{221}^{(00)} - m_{001}^{(21)}m_{102}^{(20)}m_{320}^{(11)}\\
&+2m_{001}^{(21)}m_{102}^{(20)}m_{230}^{(10)} - m_{001}^{(21)}m_{102}^{(20)}m_{140}^{(00)} + m_{001}^{(21)}m_{102}^{(21)}m_{410}^{(11)} - 2m_{001}^{(21)}m_{102}^{(21)}m_{320}^{(10)}\\
&+m_{001}^{(21)}m_{102}^{(21)}m_{230}^{(00)} - m_{001}^{(21)}m_{030}^{(00)}m_{311}^{(22)} + m_{001}^{(21)}m_{030}^{(00)}m_{302}^{(21)} + m_{001}^{(21)}m_{030}^{(00)}m_{212}^{(20)}\\
&-m_{001}^{(21)}m_{030}^{(00)}m_{203}^{(10)} + m_{001}^{(21)}m_{030}^{(10)}m_{401}^{(22)} - 2m_{001}^{(21)}m_{030}^{(10)}m_{302}^{(20)} + m_{001}^{(21)}m_{030}^{(10)}m_{203}^{(00)}\\
&+m_{001}^{(21)}m_{030}^{(20)}m_{410}^{(22)} - 2m_{001}^{(21)}m_{030}^{(20)}m_{401}^{(21)} + 2m_{001}^{(21)}m_{030}^{(20)}m_{302}^{(10)} - m_{001}^{(21)}m_{030}^{(20)}m_{212}^{(00)}\\
&-m_{001}^{(21)}m_{030}^{(21)}m_{500}^{(22)} + 2m_{001}^{(21)}m_{030}^{(21)}m_{401}^{(20)} - m_{001}^{(21)}m_{030}^{(21)}m_{302}^{(00)} + m_{001}^{(21)}m_{030}^{(22)}m_{500}^{(21)}\\
&-m_{001}^{(21)}m_{030}^{(22)}m_{410}^{(20)} - m_{001}^{(21)}m_{030}^{(22)}m_{401}^{(10)} + m_{001}^{(21)}m_{030}^{(22)}m_{311}^{(00)} - m_{001}^{(21)}m_{021}^{(00)}m_{320}^{(22)}\\
&+2m_{001}^{(21)}m_{021}^{(00)}m_{311}^{(21)} - m_{001}^{(21)}m_{021}^{(00)}m_{302}^{(11)} + 2m_{001}^{(21)}m_{021}^{(10)}m_{410}^{(22)} - 2m_{001}^{(21)}m_{021}^{(10)}m_{401}^{(21)}\\
&-2m_{001}^{(21)}m_{021}^{(10)}m_{311}^{(20)} + 2m_{001}^{(21)}m_{021}^{(10)}m_{302}^{(10)} - m_{001}^{(21)}m_{021}^{(11)}m_{500}^{(22)} + 2m_{001}^{(21)}m_{021}^{(11)}m_{401}^{(20)}\\
&-m_{001}^{(21)}m_{021}^{(11)}m_{302}^{(00)} - 2m_{001}^{(21)}m_{021}^{(20)}m_{410}^{(21)} + 2m_{001}^{(21)}m_{021}^{(20)}m_{401}^{(11)} + 2m_{001}^{(21)}m_{021}^{(20)}m_{320}^{(20)}\\
&-2m_{001}^{(21)}m_{021}^{(20)}m_{311}^{(10)} + 2m_{001}^{(21)}m_{021}^{(21)}m_{500}^{(21)} - 2m_{001}^{(21)}m_{021}^{(21)}m_{410}^{(20)} - 2m_{001}^{(21)}m_{021}^{(21)}m_{401}^{(10)}\\
&+2m_{001}^{(21)}m_{021}^{(21)}m_{311}^{(00)} - m_{001}^{(21)}m_{021}^{(22)}m_{500}^{(11)} + 2m_{001}^{(21)}m_{021}^{(22)}m_{410}^{(10)} - m_{001}^{(21)}m_{021}^{(22)}m_{320}^{(00)}\\
&+m_{001}^{(21)}m_{012}^{(00)}m_{320}^{(21)} - m_{001}^{(21)}m_{012}^{(00)}m_{311}^{(11)} - m_{001}^{(21)}m_{012}^{(00)}m_{230}^{(20)} + m_{001}^{(21)}m_{012}^{(00)}m_{221}^{(10)}\\
&-2m_{001}^{(21)}m_{012}^{(10)}m_{410}^{(21)} + m_{001}^{(21)}m_{012}^{(10)}m_{401}^{(11)} + 2m_{001}^{(21)}m_{012}^{(10)}m_{320}^{(20)} - m_{001}^{(21)}m_{012}^{(10)}m_{221}^{(00)}\\
&+m_{001}^{(21)}m_{012}^{(11)}m_{500}^{(21)} - m_{001}^{(21)}m_{012}^{(11)}m_{410}^{(20)} - m_{001}^{(21)}m_{012}^{(11)}m_{401}^{(10)} + m_{001}^{(21)}m_{012}^{(11)}m_{311}^{(00)}\\
&+m_{001}^{(21)}m_{012}^{(20)}m_{410}^{(11)} - 2m_{001}^{(21)}m_{012}^{(20)}m_{320}^{(10)} + m_{001}^{(21)}m_{012}^{(20)}m_{230}^{(00)} - m_{001}^{(21)}m_{012}^{(21)}m_{500}^{(11)}\\
&+2m_{001}^{(21)}m_{012}^{(21)}m_{410}^{(10)} - m_{001}^{(21)}m_{012}^{(21)}m_{320}^{(00)} - m_{001}^{(22)}m_{300}^{(00)}m_{050}^{(22)} + 2m_{001}^{(22)}m_{300}^{(00)}m_{041}^{(21)}\\
&-m_{001}^{(22)}m_{300}^{(00)}m_{032}^{(11)} + 2m_{001}^{(22)}m_{300}^{(10)}m_{140}^{(22)} - 3m_{001}^{(22)}m_{300}^{(10)}m_{131}^{(21)} + m_{001}^{(22)}m_{300}^{(10)}m_{122}^{(11)}\\
&-m_{001}^{(22)}m_{300}^{(10)}m_{041}^{(20)} + m_{001}^{(22)}m_{300}^{(10)}m_{032}^{(10)} - m_{001}^{(22)}m_{300}^{(11)}m_{230}^{(22)} + m_{001}^{(22)}m_{300}^{(11)}m_{221}^{(21)}\\
&+m_{001}^{(22)}m_{300}^{(11)}m_{131}^{(20)} - m_{001}^{(22)}m_{300}^{(11)}m_{122}^{(10)} - m_{001}^{(22)}m_{300}^{(20)}m_{140}^{(21)} + m_{001}^{(22)}m_{300}^{(20)}m_{131}^{(11)}\\
&+m_{001}^{(22)}m_{300}^{(20)}m_{050}^{(20)} - m_{001}^{(22)}m_{300}^{(20)}m_{041}^{(10)} + m_{001}^{(22)}m_{300}^{(21)}m_{230}^{(21)} - m_{001}^{(22)}m_{300}^{(21)}m_{221}^{(11)}\\
&-m_{001}^{(22)}m_{300}^{(21)}m_{140}^{(20)} + m_{001}^{(22)}m_{300}^{(21)}m_{131}^{(10)} + 3m_{001}^{(22)}m_{210}^{(00)}m_{140}^{(22)} - 5m_{001}^{(22)}m_{210}^{(00)}m_{131}^{(21)}\\
&+2m_{001}^{(22)}m_{210}^{(00)}m_{122}^{(11)} - m_{001}^{(22)}m_{210}^{(00)}m_{041}^{(20)} + m_{001}^{(22)}m_{210}^{(00)}m_{032}^{(10)} - 6m_{001}^{(22)}m_{210}^{(10)}m_{230}^{(22)}\\
&+7m_{001}^{(22)}m_{210}^{(10)}m_{221}^{(21)} - 2m_{001}^{(22)}m_{210}^{(10)}m_{212}^{(11)} + 5m_{001}^{(22)}m_{210}^{(10)}m_{131}^{(20)} - 3m_{001}^{(22)}m_{210}^{(10)}m_{122}^{(10)}\\
&-m_{001}^{(22)}m_{210}^{(10)}m_{032}^{(00)} + 3m_{001}^{(22)}m_{210}^{(11)}m_{320}^{(22)} - 2m_{001}^{(22)}m_{210}^{(11)}m_{311}^{(21)} - 4m_{001}^{(22)}m_{210}^{(11)}m_{221}^{(20)}\\
&+2m_{001}^{(22)}m_{210}^{(11)}m_{212}^{(10)} + m_{001}^{(22)}m_{210}^{(11)}m_{122}^{(00)} + 3m_{001}^{(22)}m_{210}^{(20)}m_{230}^{(21)} - 2m_{001}^{(22)}m_{210}^{(20)}m_{221}^{(11)}
\end{aligned}
$$

$$
\begin{aligned}
&-3m_{001}^{(22)}m_{210}^{(20)}m_{140}^{(20)} + m_{001}^{(22)}m_{210}^{(20)}m_{131}^{(10)} + m_{001}^{(22)}m_{210}^{(20)}m_{041}^{(00)} - 3m_{001}^{(22)}m_{210}^{(21)}m_{320}^{(21)}\\
&+2m_{001}^{(22)}m_{210}^{(21)}m_{311}^{(11)} + 3m_{001}^{(22)}m_{210}^{(21)}m_{230}^{(20)} - m_{001}^{(22)}m_{210}^{(21)}m_{221}^{(10)} - m_{001}^{(22)}m_{210}^{(21)}m_{131}^{(00)}\\
&-m_{001}^{(22)}m_{201}^{(00)}m_{140}^{(21)} + m_{001}^{(22)}m_{201}^{(00)}m_{131}^{(11)} + m_{001}^{(22)}m_{201}^{(00)}m_{050}^{(20)} - m_{001}^{(22)}m_{201}^{(00)}m_{041}^{(10)}\\
&+2m_{001}^{(22)}m_{201}^{(10)}m_{230}^{(21)} - m_{001}^{(22)}m_{201}^{(10)}m_{221}^{(11)} - 2m_{001}^{(22)}m_{201}^{(10)}m_{140}^{(20)} + m_{001}^{(22)}m_{201}^{(10)}m_{041}^{(00)}\\
&-m_{001}^{(22)}m_{201}^{(11)}m_{320}^{(21)} + m_{001}^{(22)}m_{201}^{(11)}m_{230}^{(20)} + m_{001}^{(22)}m_{201}^{(11)}m_{221}^{(10)} - m_{001}^{(22)}m_{201}^{(11)}m_{131}^{(00)}\\
&-m_{001}^{(22)}m_{201}^{(20)}m_{230}^{(11)} + 2m_{001}^{(22)}m_{201}^{(20)}m_{140}^{(10)} - m_{001}^{(22)}m_{201}^{(20)}m_{050}^{(00)} + m_{001}^{(22)}m_{201}^{(21)}m_{320}^{(11)}\\
&-2m_{001}^{(22)}m_{201}^{(21)}m_{230}^{(10)} + m_{001}^{(22)}m_{201}^{(21)}m_{140}^{(00)} - 3m_{001}^{(22)}m_{120}^{(00)}m_{230}^{(22)} + 4m_{001}^{(22)}m_{120}^{(00)}m_{221}^{(21)}\\
&-m_{001}^{(22)}m_{120}^{(00)}m_{212}^{(11)} + 2m_{001}^{(22)}m_{120}^{(00)}m_{131}^{(20)} - 2m_{001}^{(22)}m_{120}^{(00)}m_{122}^{(10)} + 6m_{001}^{(22)}m_{120}^{(10)}m_{320}^{(22)}\\
&-5m_{001}^{(22)}m_{120}^{(10)}m_{311}^{(21)} + m_{001}^{(22)}m_{120}^{(10)}m_{302}^{(11)} - 7m_{001}^{(22)}m_{120}^{(10)}m_{221}^{(20)} + 3m_{001}^{(22)}m_{120}^{(10)}m_{212}^{(10)}\\
&+2m_{001}^{(22)}m_{120}^{(10)}m_{122}^{(00)} - 3m_{001}^{(22)}m_{120}^{(11)}m_{410}^{(22)} + m_{001}^{(22)}m_{120}^{(11)}m_{401}^{(21)} + 5m_{001}^{(22)}m_{120}^{(11)}m_{311}^{(20)}\\
&-m_{001}^{(22)}m_{120}^{(11)}m_{302}^{(10)} - 2m_{001}^{(22)}m_{120}^{(11)}m_{212}^{(00)} - 3m_{001}^{(22)}m_{120}^{(20)}m_{320}^{(21)} + m_{001}^{(22)}m_{120}^{(20)}m_{311}^{(11)}\\
&+3m_{001}^{(22)}m_{120}^{(20)}m_{230}^{(20)} + m_{001}^{(22)}m_{120}^{(20)}m_{221}^{(10)} - 2m_{001}^{(22)}m_{120}^{(20)}m_{131}^{(00)} + 3m_{001}^{(22)}m_{120}^{(21)}m_{410}^{(21)}\\
&-m_{001}^{(22)}m_{120}^{(21)}m_{401}^{(11)} - 3m_{001}^{(22)}m_{120}^{(21)}m_{320}^{(20)} - m_{001}^{(22)}m_{120}^{(21)}m_{311}^{(10)} + 2m_{001}^{(22)}m_{120}^{(21)}m_{221}^{(00)}\\
&+2m_{001}^{(22)}m_{111}^{(00)}m_{230}^{(21)} - 2m_{001}^{(22)}m_{111}^{(00)}m_{221}^{(11)} - 2m_{001}^{(22)}m_{111}^{(00)}m_{140}^{(20)} + 2m_{001}^{(22)}m_{111}^{(00)}m_{131}^{(10)}\\
&-4m_{001}^{(22)}m_{111}^{(10)}m_{320}^{(21)} + 2m_{001}^{(22)}m_{111}^{(10)}m_{311}^{(11)} + 4m_{001}^{(22)}m_{111}^{(10)}m_{230}^{(20)} - 2m_{001}^{(22)}m_{111}^{(10)}m_{131}^{(00)}\\
&+2m_{001}^{(22)}m_{111}^{(11)}m_{410}^{(21)} - 2m_{001}^{(22)}m_{111}^{(11)}m_{320}^{(20)} - 2m_{001}^{(22)}m_{111}^{(11)}m_{311}^{(10)} + 2m_{001}^{(22)}m_{111}^{(11)}m_{221}^{(00)}\\
&+2m_{001}^{(22)}m_{111}^{(20)}m_{320}^{(11)} - 4m_{001}^{(22)}m_{111}^{(20)}m_{230}^{(10)} + 2m_{001}^{(22)}m_{111}^{(20)}m_{140}^{(00)} - 2m_{001}^{(22)}m_{111}^{(21)}m_{410}^{(11)}\\
&+4m_{001}^{(22)}m_{111}^{(21)}m_{320}^{(10)} - 2m_{001}^{(22)}m_{111}^{(21)}m_{230}^{(00)} + m_{001}^{(22)}m_{030}^{(00)}m_{320}^{(22)} - m_{001}^{(22)}m_{030}^{(00)}m_{311}^{(21)}\\
&-m_{001}^{(22)}m_{030}^{(00)}m_{221}^{(20)} + m_{001}^{(22)}m_{030}^{(00)}m_{212}^{(10)} - 2m_{001}^{(22)}m_{030}^{(10)}m_{410}^{(22)} + m_{001}^{(22)}m_{030}^{(10)}m_{401}^{(21)}\\
&+3m_{001}^{(22)}m_{030}^{(10)}m_{311}^{(20)} - m_{001}^{(22)}m_{030}^{(10)}m_{302}^{(10)} - m_{001}^{(22)}m_{030}^{(10)}m_{212}^{(00)} + m_{001}^{(22)}m_{030}^{(11)}m_{500}^{(22)}\\
&-2m_{001}^{(22)}m_{030}^{(11)}m_{401}^{(20)} + m_{001}^{(22)}m_{030}^{(11)}m_{302}^{(00)} + m_{001}^{(22)}m_{030}^{(20)}m_{410}^{(21)} - m_{001}^{(22)}m_{030}^{(20)}m_{320}^{(20)}\\
&-m_{001}^{(22)}m_{030}^{(20)}m_{311}^{(10)} + m_{001}^{(22)}m_{030}^{(20)}m_{221}^{(00)} - m_{001}^{(22)}m_{030}^{(21)}m_{500}^{(21)} + m_{001}^{(22)}m_{030}^{(21)}m_{410}^{(20)}\\
&+m_{001}^{(22)}m_{030}^{(21)}m_{401}^{(10)} - m_{001}^{(22)}m_{030}^{(21)}m_{311}^{(00)} - m_{001}^{(22)}m_{021}^{(00)}m_{320}^{(21)} + m_{001}^{(22)}m_{021}^{(00)}m_{311}^{(11)}\\
&+m_{001}^{(22)}m_{021}^{(00)}m_{230}^{(20)} - m_{001}^{(22)}m_{021}^{(00)}m_{221}^{(10)} + 2m_{001}^{(22)}m_{021}^{(10)}m_{410}^{(21)} - m_{001}^{(22)}m_{021}^{(10)}m_{401}^{(11)}\\
&-2m_{001}^{(22)}m_{021}^{(10)}m_{320}^{(20)} + m_{001}^{(22)}m_{021}^{(10)}m_{221}^{(00)} - m_{001}^{(22)}m_{021}^{(11)}m_{500}^{(21)} + m_{001}^{(22)}m_{021}^{(11)}m_{410}^{(20)}\\
&+m_{001}^{(22)}m_{021}^{(11)}m_{401}^{(10)} - m_{001}^{(22)}m_{021}^{(11)}m_{311}^{(00)} - m_{001}^{(22)}m_{021}^{(20)}m_{410}^{(11)} + 2m_{001}^{(22)}m_{021}^{(20)}m_{320}^{(10)}\\
&-m_{001}^{(22)}m_{021}^{(20)}m_{230}^{(00)} + m_{001}^{(22)}m_{021}^{(21)}m_{500}^{(11)} - 2m_{001}^{(22)}m_{021}^{(21)}m_{410}^{(10)} + m_{001}^{(22)}m_{021}^{(21)}m_{320}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{ccccc}
V1 & V1 & 1 & 1 & 1\\
1 & 1 & V2 & 2 & 2\\
V2 & 2 & V3 & V3 & 3
\end{array}
$$



$$
\begin{aligned}
T_{181} \;=\;& -m_{100}^{(00)} m_{030}^{(00)} m_{023}^{(22)} + 2m_{100}^{(00)} m_{030}^{(00)} m_{014}^{(21)} - m_{100}^{(00)} m_{030}^{(00)} m_{005}^{(11)} + 2m_{100}^{(00)} m_{030}^{(10)} m_{113}^{(22)} \\
& -2m_{100}^{(00)} m_{030}^{(10)} m_{104}^{(21)} - 2m_{100}^{(00)} m_{030}^{(10)} m_{014}^{(20)} + 2m_{100}^{(00)} m_{030}^{(10)} m_{005}^{(10)} - m_{100}^{(00)} m_{030}^{(11)} m_{203}^{(22)} \\
& +2m_{100}^{(00)} m_{030}^{(11)} m_{104}^{(20)} - m_{100}^{(00)} m_{030}^{(11)} m_{005}^{(00)} - 2m_{100}^{(00)} m_{030}^{(20)} m_{113}^{(21)} + 2m_{100}^{(00)} m_{030}^{(20)} m_{104}^{(11)} \\
& +2m_{100}^{(00)} m_{030}^{(20)} m_{023}^{(20)} - 2m_{100}^{(00)} m_{030}^{(20)} m_{014}^{(10)} + 2m_{100}^{(00)} m_{030}^{(21)} m_{203}^{(21)} - 2m_{100}^{(00)} m_{030}^{(21)} m_{113}^{(20)} \\
& -2m_{100}^{(00)} m_{030}^{(21)} m_{104}^{(10)} + 2m_{100}^{(00)} m_{030}^{(21)} m_{014}^{(00)} - m_{100}^{(00)} m_{030}^{(22)} m_{203}^{(11)} + 2m_{100}^{(00)} m_{030}^{(22)} m_{113}^{(10)} \\
& -m_{100}^{(00)} m_{030}^{(22)} m_{023}^{(00)} + 3m_{100}^{(00)} m_{021}^{(00)} m_{032}^{(22)} - 6m_{100}^{(00)} m_{021}^{(00)} m_{023}^{(21)} + 3m_{100}^{(00)} m_{021}^{(00)} m_{014}^{(11)} \\
& -6m_{100}^{(00)} m_{021}^{(10)} m_{122}^{(22)} + 6m_{100}^{(00)} m_{021}^{(10)} m_{113}^{(21)} + 6m_{100}^{(00)} m_{021}^{(10)} m_{023}^{(20)} - 6m_{100}^{(00)} m_{021}^{(10)} m_{014}^{(10)} \\
& +3m_{100}^{(00)} m_{021}^{(11)} m_{212}^{(22)} - 6m_{100}^{(00)} m_{021}^{(11)} m_{113}^{(20)} + 3m_{100}^{(00)} m_{021}^{(11)} m_{014}^{(00)} + 6m_{100}^{(00)} m_{021}^{(20)} m_{122}^{(21)} \\
& -6m_{100}^{(00)} m_{021}^{(20)} m_{113}^{(11)} - 6m_{100}^{(00)} m_{021}^{(20)} m_{032}^{(10)} + 6m_{100}^{(00)} m_{021}^{(20)} m_{023}^{(10)} - 6m_{100}^{(00)} m_{021}^{(21)} m_{212}^{(21)} \\
& +6m_{100}^{(00)} m_{021}^{(21)} m_{122}^{(20)} + 6m_{100}^{(00)} m_{021}^{(21)} m_{113}^{(10)} - 6m_{100}^{(00)} m_{021}^{(21)} m_{023}^{(00)} + 3m_{100}^{(00)} m_{021}^{(22)} m_{212}^{(11)} \\
& -6m_{100}^{(00)} m_{021}^{(22)} m_{122}^{(10)} + 3m_{100}^{(00)} m_{021}^{(22)} m_{032}^{(00)} - 3m_{100}^{(00)} m_{012}^{(00)} m_{041}^{(22)} + 6m_{100}^{(00)} m_{012}^{(00)} m_{032}^{(21)} \\
& -3m_{100}^{(00)} m_{012}^{(00)} m_{023}^{(11)} + 6m_{100}^{(00)} m_{012}^{(10)} m_{131}^{(22)} - 6m_{100}^{(00)} m_{012}^{(10)} m_{122}^{(21)} - 6m_{100}^{(00)} m_{012}^{(10)} m_{032}^{(20)} \\
& +6m_{100}^{(00)} m_{012}^{(10)} m_{023}^{(10)} - 3m_{100}^{(00)} m_{012}^{(11)} m_{221}^{(22)} + 6m_{100}^{(00)} m_{012}^{(11)} m_{122}^{(20)} - 3m_{100}^{(00)} m_{012}^{(11)} m_{023}^{(00)} \\
& -6m_{100}^{(00)} m_{012}^{(20)} m_{131}^{(21)} + 6m_{100}^{(00)} m_{012}^{(20)} m_{122}^{(11)} + 6m_{100}^{(00)} m_{012}^{(20)} m_{041}^{(20)} - 6m_{100}^{(00)} m_{012}^{(20)} m_{032}^{(10)} \\
& +6m_{100}^{(00)} m_{012}^{(21)} m_{221}^{(21)} - 6m_{100}^{(00)} m_{012}^{(21)} m_{131}^{(20)} - 6m_{100}^{(00)} m_{012}^{(21)} m_{122}^{(10)} + 6m_{100}^{(00)} m_{012}^{(21)} m_{032}^{(00)} \\
& -3m_{100}^{(00)} m_{012}^{(22)} m_{221}^{(11)} + 6m_{100}^{(00)} m_{012}^{(22)} m_{131}^{(10)} - 3m_{100}^{(00)} m_{012}^{(22)} m_{041}^{(00)} + m_{100}^{(00)} m_{003}^{(00)} m_{050}^{(22)} \\
& -2m_{100}^{(00)} m_{003}^{(00)} m_{041}^{(21)} + m_{100}^{(00)} m_{003}^{(00)} m_{032}^{(11)} - 2m_{100}^{(00)} m_{003}^{(10)} m_{140}^{(22)} + 2m_{100}^{(00)} m_{003}^{(10)} m_{131}^{(21)} \\
& +2m_{100}^{(00)} m_{003}^{(10)} m_{041}^{(20)} - 2m_{100}^{(00)} m_{003}^{(10)} m_{032}^{(10)} + m_{100}^{(00)} m_{003}^{(11)} m_{230}^{(22)} - 2m_{100}^{(00)} m_{003}^{(11)} m_{131}^{(20)} \\
& +m_{100}^{(00)} m_{003}^{(11)} m_{032}^{(00)} + 2m_{100}^{(00)} m_{003}^{(20)} m_{140}^{(21)} - 2m_{100}^{(00)} m_{003}^{(20)} m_{131}^{(11)} - 2m_{100}^{(00)} m_{003}^{(20)} m_{050}^{(20)} \\
& +2m_{100}^{(00)} m_{003}^{(20)} m_{041}^{(10)} - 2m_{100}^{(00)} m_{003}^{(21)} m_{230}^{(21)} + 2m_{100}^{(00)} m_{003}^{(21)} m_{140}^{(20)} + 2m_{100}^{(00)} m_{003}^{(21)} m_{131}^{(10)} \\
& -2m_{100}^{(00)} m_{003}^{(21)} m_{041}^{(00)} + m_{100}^{(00)} m_{003}^{(22)} m_{230}^{(11)} - 2m_{100}^{(00)} m_{003}^{(22)} m_{140}^{(10)} + m_{100}^{(00)} m_{003}^{(22)} m_{050}^{(00)} \\
& +2m_{100}^{(10)} m_{120}^{(00)} m_{023}^{(22)} - 4m_{100}^{(10)} m_{120}^{(00)} m_{014}^{(21)} + 2m_{100}^{(10)} m_{120}^{(00)} m_{005}^{(11)} - 4m_{100}^{(10)} m_{120}^{(10)} m_{113}^{(22)} \\
& +4m_{100}^{(10)} m_{120}^{(10)} m_{104}^{(21)} + 4m_{100}^{(10)} m_{120}^{(10)} m_{014}^{(20)} - 4m_{100}^{(10)} m_{120}^{(10)} m_{005}^{(10)} + 2m_{100}^{(10)} m_{120}^{(11)} m_{203}^{(22)} \\
& -4m_{100}^{(10)} m_{120}^{(11)} m_{104}^{(20)} + 2m_{100}^{(10)} m_{120}^{(11)} m_{005}^{(00)} + 4m_{100}^{(10)} m_{120}^{(20)} m_{113}^{(21)} - 4m_{100}^{(10)} m_{120}^{(20)} m_{104}^{(11)} \\
& -4m_{100}^{(10)} m_{120}^{(20)} m_{023}^{(20)} + 4m_{100}^{(10)} m_{120}^{(20)} m_{014}^{(10)} - 4m_{100}^{(10)} m_{120}^{(21)} m_{203}^{(21)} + 4m_{100}^{(10)} m_{120}^{(21)} m_{113}^{(20)} \\
& +4m_{100}^{(10)} m_{120}^{(21)} m_{104}^{(10)} - 4m_{100}^{(10)} m_{120}^{(21)} m_{014}^{(00)} + 2m_{100}^{(10)} m_{120}^{(22)} m_{203}^{(11)} - 4m_{100}^{(10)} m_{120}^{(22)} m_{113}^{(10)} \\
& +2m_{100}^{(10)} m_{120}^{(22)} m_{023}^{(00)} - 4m_{100}^{(10)} m_{111}^{(00)} m_{032}^{(22)} + 8m_{100}^{(10)} m_{111}^{(00)} m_{023}^{(21)} - 4m_{100}^{(10)} m_{111}^{(00)} m_{014}^{(11)} \\
& +8m_{100}^{(10)} m_{111}^{(10)} m_{122}^{(22)} - 8m_{100}^{(10)} m_{111}^{(10)} m_{113}^{(21)} - 8m_{100}^{(10)} m_{111}^{(10)} m_{023}^{(20)} + 8m_{100}^{(10)} m_{111}^{(10)} m_{014}^{(10)} \\
& -4m_{100}^{(10)} m_{111}^{(11)} m_{212}^{(22)} + 8m_{100}^{(10)} m_{111}^{(11)} m_{113}^{(20)} - 4m_{100}^{(10)} m_{111}^{(11)} m_{014}^{(00)} - 8m_{100}^{(10)} m_{111}^{(20)} m_{122}^{(21)} \\
& +8m_{100}^{(10)} m_{111}^{(20)} m_{113}^{(11)} + 8m_{100}^{(10)} m_{111}^{(20)} m_{032}^{(20)} - 8m_{100}^{(10)} m_{111}^{(20)} m_{023}^{(10)} + 8m_{100}^{(10)} m_{111}^{(21)} m_{212}^{(21)} \\
& -8m_{100}^{(10)} m_{111}^{(21)} m_{122}^{(20)} - 8m_{100}^{(10)} m_{111}^{(21)} m_{113}^{(10)} + 8m_{100}^{(10)} m_{111}^{(21)} m_{023}^{(00)} - 4m_{100}^{(10)} m_{111}^{(22)} m_{212}^{(11)} \\
& +8m_{100}^{(10)} m_{111}^{(22)} m_{122}^{(10)} - 4m_{100}^{(10)} m_{111}^{(22)} m_{032}^{(00)} + 2m_{100}^{(10)} m_{102}^{(00)} m_{041}^{(22)} - 4m_{100}^{(10)} m_{102}^{(00)} m_{032}^{(21)} \\
& +2m_{100}^{(10)} m_{102}^{(00)} m_{023}^{(11)} - 4m_{100}^{(10)} m_{102}^{(10)} m_{131}^{(22)} + 4m_{100}^{(10)} m_{102}^{(10)} m_{122}^{(21)} + 4m_{100}^{(10)} m_{102}^{(10)} m_{032}^{(20)} \\
& -4m_{100}^{(10)} m_{102}^{(10)} m_{023}^{(10)} + 2m_{100}^{(10)} m_{102}^{(11)} m_{221}^{(22)} - 4m_{100}^{(10)} m_{102}^{(11)} m_{122}^{(20)} + 2m_{100}^{(10)} m_{102}^{(11)} m_{023}^{(00)} \\
& +4m_{100}^{(10)} m_{102}^{(20)} m_{131}^{(21)} - 4m_{100}^{(10)} m_{102}^{(20)} m_{122}^{(11)} - 4m_{100}^{(10)} m_{102}^{(20)} m_{041}^{(20)} + 4m_{100}^{(10)} m_{102}^{(20)} m_{032}^{(10)} \\
& -4m_{100}^{(10)} m_{102}^{(21)} m_{221}^{(21)} + 4m_{100}^{(10)} m_{102}^{(21)} m_{131}^{(20)} + 4m_{100}^{(10)} m_{102}^{(21)} m_{122}^{(10)} - 4m_{100}^{(10)} m_{102}^{(21)} m_{032}^{(00)} \\
& +2m_{100}^{(10)} m_{102}^{(22)} m_{221}^{(11)} - 4m_{100}^{(10)} m_{102}^{(22)} m_{131}^{(10)} + 2m_{100}^{(10)} m_{102}^{(22)} m_{041}^{(00)} - 2m_{100}^{(10)} m_{021}^{(00)} m_{122}^{(22)} \\
& +4m_{100}^{(10)} m_{021}^{(00)} m_{113}^{(21)} - 2m_{100}^{(10)} m_{021}^{(00)} m_{104}^{(11)} + 4m_{100}^{(10)} m_{021}^{(10)} m_{212}^{(22)} - 4m_{100}^{(10)} m_{021}^{(10)} m_{203}^{(21)}
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\begin{aligned}
&-4m_{100}^{(10)}m_{021}^{(10)}m_{113}^{(20)} + 4m_{100}^{(10)}m_{021}^{(10)}m_{104}^{(10)} - 2m_{100}^{(10)}m_{021}^{(11)}m_{302}^{(22)} + 4m_{100}^{(10)}m_{021}^{(11)}m_{203}^{(20)}\\
&-2m_{100}^{(10)}m_{021}^{(11)}m_{104}^{(00)} - 4m_{100}^{(10)}m_{021}^{(20)}m_{212}^{(21)} + 4m_{100}^{(10)}m_{021}^{(20)}m_{203}^{(11)} + 4m_{100}^{(10)}m_{021}^{(20)}m_{122}^{(20)}\\
&-4m_{100}^{(10)}m_{021}^{(20)}m_{113}^{(10)} + 4m_{100}^{(10)}m_{021}^{(21)}m_{302}^{(21)} - 4m_{100}^{(10)}m_{021}^{(21)}m_{212}^{(20)} - 4m_{100}^{(10)}m_{021}^{(21)}m_{203}^{(10)}\\
&+4m_{100}^{(10)}m_{021}^{(21)}m_{113}^{(00)} - 2m_{100}^{(10)}m_{021}^{(22)}m_{302}^{(11)} + 4m_{100}^{(10)}m_{021}^{(22)}m_{212}^{(10)} - 2m_{100}^{(10)}m_{021}^{(22)}m_{122}^{(00)}\\
&+4m_{100}^{(10)}m_{012}^{(00)}m_{131}^{(22)} - 8m_{100}^{(10)}m_{012}^{(00)}m_{122}^{(21)} + 4m_{100}^{(10)}m_{012}^{(00)}m_{113}^{(11)} - 8m_{100}^{(10)}m_{012}^{(10)}m_{221}^{(22)}\\
&+8m_{100}^{(10)}m_{012}^{(10)}m_{212}^{(21)} + 8m_{100}^{(10)}m_{012}^{(10)}m_{122}^{(20)} - 8m_{100}^{(10)}m_{012}^{(10)}m_{113}^{(10)} + 4m_{100}^{(10)}m_{012}^{(11)}m_{311}^{(22)}\\
&-8m_{100}^{(10)}m_{012}^{(11)}m_{212}^{(20)} + 4m_{100}^{(10)}m_{012}^{(11)}m_{113}^{(00)} + 8m_{100}^{(10)}m_{012}^{(20)}m_{221}^{(21)} - 8m_{100}^{(10)}m_{012}^{(20)}m_{212}^{(11)}\\
&-8m_{100}^{(10)}m_{012}^{(20)}m_{131}^{(20)} + 8m_{100}^{(10)}m_{012}^{(20)}m_{122}^{(10)} - 8m_{100}^{(10)}m_{012}^{(21)}m_{311}^{(21)} + 8m_{100}^{(10)}m_{012}^{(21)}m_{221}^{(20)}\\
&+8m_{100}^{(10)}m_{012}^{(21)}m_{212}^{(10)} - 8m_{100}^{(10)}m_{012}^{(21)}m_{122}^{(00)} + 4m_{100}^{(10)}m_{012}^{(22)}m_{311}^{(11)} - 8m_{100}^{(10)}m_{012}^{(22)}m_{221}^{(10)}\\
&+4m_{100}^{(10)}m_{012}^{(22)}m_{131}^{(00)} - 2m_{100}^{(10)}m_{003}^{(00)}m_{140}^{(22)} + 4m_{100}^{(10)}m_{003}^{(00)}m_{131}^{(21)} - 2m_{100}^{(10)}m_{003}^{(00)}m_{122}^{(11)}\\
&+4m_{100}^{(10)}m_{003}^{(10)}m_{230}^{(22)} - 4m_{100}^{(10)}m_{003}^{(10)}m_{221}^{(21)} - 4m_{100}^{(10)}m_{003}^{(10)}m_{131}^{(20)} + 4m_{100}^{(10)}m_{003}^{(10)}m_{122}^{(10)}\\
&-2m_{100}^{(10)}m_{003}^{(11)}m_{320}^{(22)} + 4m_{100}^{(10)}m_{003}^{(11)}m_{221}^{(20)} - 2m_{100}^{(10)}m_{003}^{(11)}m_{122}^{(00)} - 4m_{100}^{(10)}m_{003}^{(20)}m_{230}^{(21)}\\
&+4m_{100}^{(10)}m_{003}^{(20)}m_{221}^{(11)} + 4m_{100}^{(10)}m_{003}^{(20)}m_{140}^{(20)} - 4m_{100}^{(10)}m_{003}^{(20)}m_{131}^{(10)} + 4m_{100}^{(10)}m_{003}^{(21)}m_{320}^{(21)}\\
&-4m_{100}^{(10)}m_{003}^{(21)}m_{230}^{(20)} - 4m_{100}^{(10)}m_{003}^{(21)}m_{221}^{(10)} + 4m_{100}^{(10)}m_{003}^{(21)}m_{131}^{(00)} - 2m_{100}^{(10)}m_{003}^{(22)}m_{320}^{(11)}\\
&+4m_{100}^{(10)}m_{003}^{(22)}m_{230}^{(10)} - 2m_{100}^{(10)}m_{003}^{(22)}m_{140}^{(00)} - m_{100}^{(11)}m_{210}^{(00)}m_{023}^{(22)} + 2m_{100}^{(11)}m_{210}^{(00)}m_{014}^{(21)}\\
&-m_{100}^{(11)}m_{210}^{(00)}m_{005}^{(11)} + 2m_{100}^{(11)}m_{210}^{(10)}m_{113}^{(22)} - 2m_{100}^{(11)}m_{210}^{(10)}m_{104}^{(21)} - 2m_{100}^{(11)}m_{210}^{(10)}m_{014}^{(20)}\\
&+2m_{100}^{(11)}m_{210}^{(10)}m_{005}^{(10)} - m_{100}^{(11)}m_{210}^{(11)}m_{203}^{(22)} + 2m_{100}^{(11)}m_{210}^{(11)}m_{104}^{(20)} - m_{100}^{(11)}m_{210}^{(11)}m_{005}^{(00)}\\
&-2m_{100}^{(11)}m_{210}^{(20)}m_{113}^{(21)} + 2m_{100}^{(11)}m_{210}^{(20)}m_{104}^{(11)} + 2m_{100}^{(11)}m_{210}^{(20)}m_{023}^{(20)} - 2m_{100}^{(11)}m_{210}^{(20)}m_{014}^{(10)}\\
&+2m_{100}^{(11)}m_{210}^{(21)}m_{203}^{(21)} - 2m_{100}^{(11)}m_{210}^{(21)}m_{113}^{(20)} - 2m_{100}^{(11)}m_{210}^{(21)}m_{104}^{(10)} + 2m_{100}^{(11)}m_{210}^{(21)}m_{014}^{(00)}\\
&-m_{100}^{(11)}m_{210}^{(22)}m_{203}^{(11)} + 2m_{100}^{(11)}m_{210}^{(22)}m_{113}^{(10)} - m_{100}^{(11)}m_{210}^{(22)}m_{023}^{(00)} + m_{100}^{(11)}m_{201}^{(00)}m_{032}^{(22)}\\
&-2m_{100}^{(11)}m_{201}^{(00)}m_{023}^{(21)} + m_{100}^{(11)}m_{201}^{(00)}m_{014}^{(11)} - 2m_{100}^{(11)}m_{201}^{(10)}m_{122}^{(22)} + 2m_{100}^{(11)}m_{201}^{(10)}m_{113}^{(21)}\\
&+2m_{100}^{(11)}m_{201}^{(10)}m_{023}^{(20)} - 2m_{100}^{(11)}m_{201}^{(10)}m_{014}^{(10)} + m_{100}^{(11)}m_{201}^{(11)}m_{212}^{(22)} - 2m_{100}^{(11)}m_{201}^{(11)}m_{113}^{(20)}\\
&+m_{100}^{(11)}m_{201}^{(11)}m_{014}^{(00)} + 2m_{100}^{(11)}m_{201}^{(20)}m_{122}^{(21)} - 2m_{100}^{(11)}m_{201}^{(20)}m_{113}^{(11)} - 2m_{100}^{(11)}m_{201}^{(20)}m_{032}^{(20)}\\
&+2m_{100}^{(11)}m_{201}^{(20)}m_{023}^{(10)} - 2m_{100}^{(11)}m_{201}^{(21)}m_{212}^{(21)} + 2m_{100}^{(11)}m_{201}^{(21)}m_{122}^{(20)} + 2m_{100}^{(11)}m_{201}^{(21)}m_{113}^{(10)}\\
&-2m_{100}^{(11)}m_{201}^{(21)}m_{023}^{(00)} + m_{100}^{(11)}m_{201}^{(22)}m_{212}^{(11)} - 2m_{100}^{(11)}m_{201}^{(22)}m_{122}^{(10)} + m_{100}^{(11)}m_{201}^{(22)}m_{032}^{(00)}\\
&+2m_{100}^{(11)}m_{111}^{(00)}m_{122}^{(22)} - 4m_{100}^{(11)}m_{111}^{(00)}m_{113}^{(21)} + 2m_{100}^{(11)}m_{111}^{(00)}m_{104}^{(11)} - 4m_{100}^{(11)}m_{111}^{(10)}m_{212}^{(22)}\\
&+4m_{100}^{(11)}m_{111}^{(10)}m_{203}^{(21)} + 4m_{100}^{(11)}m_{111}^{(10)}m_{113}^{(20)} - 4m_{100}^{(11)}m_{111}^{(10)}m_{104}^{(10)} + 2m_{100}^{(11)}m_{111}^{(11)}m_{302}^{(22)}\\
&-4m_{100}^{(11)}m_{111}^{(11)}m_{203}^{(20)} + 2m_{100}^{(11)}m_{111}^{(11)}m_{104}^{(00)} + 4m_{100}^{(11)}m_{111}^{(20)}m_{212}^{(21)} - 4m_{100}^{(11)}m_{111}^{(20)}m_{203}^{(11)}\\
&-4m_{100}^{(11)}m_{111}^{(20)}m_{122}^{(20)} + 4m_{100}^{(11)}m_{111}^{(20)}m_{113}^{(10)} - 4m_{100}^{(11)}m_{111}^{(21)}m_{302}^{(21)} + 4m_{100}^{(11)}m_{111}^{(21)}m_{212}^{(20)}\\
&+4m_{100}^{(11)}m_{111}^{(21)}m_{203}^{(10)} - 4m_{100}^{(11)}m_{111}^{(21)}m_{113}^{(00)} + 2m_{100}^{(11)}m_{111}^{(22)}m_{302}^{(11)} - 4m_{100}^{(11)}m_{111}^{(22)}m_{212}^{(10)}\\
&+2m_{100}^{(11)}m_{111}^{(22)}m_{122}^{(00)} - 2m_{100}^{(11)}m_{102}^{(00)}m_{131}^{(22)} + 4m_{100}^{(11)}m_{102}^{(00)}m_{122}^{(21)} - 2m_{100}^{(11)}m_{102}^{(00)}m_{113}^{(11)}\\
&+4m_{100}^{(11)}m_{102}^{(10)}m_{221}^{(22)} - 4m_{100}^{(11)}m_{102}^{(10)}m_{212}^{(21)} - 4m_{100}^{(11)}m_{102}^{(10)}m_{122}^{(20)} + 4m_{100}^{(11)}m_{102}^{(10)}m_{113}^{(10)}\\
&-2m_{100}^{(11)}m_{102}^{(11)}m_{311}^{(22)} + 4m_{100}^{(11)}m_{102}^{(11)}m_{212}^{(20)} - 2m_{100}^{(11)}m_{102}^{(11)}m_{113}^{(00)} - 4m_{100}^{(11)}m_{102}^{(20)}m_{221}^{(21)}\\
&+4m_{100}^{(11)}m_{102}^{(20)}m_{212}^{(11)} + 4m_{100}^{(11)}m_{102}^{(20)}m_{131}^{(20)} - 4m_{100}^{(11)}m_{102}^{(20)}m_{122}^{(10)} + 4m_{100}^{(11)}m_{102}^{(21)}m_{311}^{(21)}\\
&-4m_{100}^{(11)}m_{102}^{(21)}m_{221}^{(20)} - 4m_{100}^{(11)}m_{102}^{(21)}m_{212}^{(10)} + 4m_{100}^{(11)}m_{102}^{(21)}m_{122}^{(00)} - 2m_{100}^{(11)}m_{102}^{(22)}m_{311}^{(11)}\\
&+4m_{100}^{(11)}m_{102}^{(22)}m_{221}^{(10)} - 2m_{100}^{(11)}m_{102}^{(22)}m_{131}^{(00)} - m_{100}^{(11)}m_{012}^{(00)}m_{221}^{(22)} + 2m_{100}^{(11)}m_{012}^{(00)}m_{212}^{(21)}\\
&-m_{100}^{(11)}m_{012}^{(00)}m_{203}^{(11)} + 2m_{100}^{(11)}m_{012}^{(10)}m_{311}^{(22)} - 2m_{100}^{(11)}m_{012}^{(10)}m_{302}^{(21)} - 2m_{100}^{(11)}m_{012}^{(10)}m_{212}^{(20)}\\
&+2m_{100}^{(11)}m_{012}^{(10)}m_{203}^{(10)} - m_{100}^{(11)}m_{012}^{(11)}m_{401}^{(22)} + 2m_{100}^{(11)}m_{012}^{(11)}m_{302}^{(20)} - m_{100}^{(11)}m_{012}^{(11)}m_{203}^{(00)}
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\begin{aligned}
&-2m_{100}^{(11)}m_{012}^{(20)}m_{311}^{(21)}+2m_{100}^{(11)}m_{012}^{(20)}m_{302}^{(11)}+2m_{100}^{(11)}m_{012}^{(20)}m_{221}^{(20)}-2m_{100}^{(11)}m_{012}^{(20)}m_{212}^{(10)}\\
&+2m_{100}^{(11)}m_{012}^{(21)}m_{401}^{(21)}-2m_{100}^{(11)}m_{012}^{(21)}m_{311}^{(20)}-2m_{100}^{(11)}m_{012}^{(21)}m_{302}^{(10)}+2m_{100}^{(11)}m_{012}^{(21)}m_{212}^{(00)}\\
&-m_{100}^{(11)}m_{012}^{(22)}m_{401}^{(11)}+2m_{100}^{(11)}m_{012}^{(22)}m_{311}^{(10)}-m_{100}^{(11)}m_{012}^{(22)}m_{221}^{(00)}+m_{100}^{(11)}m_{003}^{(00)}m_{230}^{(22)}\\
&-2m_{100}^{(11)}m_{003}^{(00)}m_{221}^{(21)}+m_{100}^{(11)}m_{003}^{(00)}m_{212}^{(11)}-2m_{100}^{(11)}m_{003}^{(10)}m_{320}^{(22)}+2m_{100}^{(11)}m_{003}^{(10)}m_{311}^{(21)}\\
&+2m_{100}^{(11)}m_{003}^{(10)}m_{221}^{(20)}-2m_{100}^{(11)}m_{003}^{(10)}m_{212}^{(10)}+m_{100}^{(11)}m_{003}^{(11)}m_{410}^{(22)}-2m_{100}^{(11)}m_{003}^{(11)}m_{311}^{(20)}\\
&+m_{100}^{(11)}m_{003}^{(11)}m_{212}^{(00)}+2m_{100}^{(11)}m_{003}^{(20)}m_{320}^{(21)}-2m_{100}^{(11)}m_{003}^{(20)}m_{311}^{(11)}-2m_{100}^{(11)}m_{003}^{(20)}m_{230}^{(20)}\\
&+2m_{100}^{(11)}m_{003}^{(20)}m_{221}^{(10)}-2m_{100}^{(11)}m_{003}^{(21)}m_{410}^{(21)}+2m_{100}^{(11)}m_{003}^{(21)}m_{320}^{(20)}+2m_{100}^{(11)}m_{003}^{(21)}m_{311}^{(10)}\\
&-2m_{100}^{(11)}m_{003}^{(21)}m_{221}^{(00)}+m_{100}^{(11)}m_{003}^{(22)}m_{410}^{(11)}-2m_{100}^{(11)}m_{003}^{(22)}m_{320}^{(10)}+m_{100}^{(11)}m_{003}^{(22)}m_{230}^{(00)}\\
&-2m_{100}^{(20)}m_{120}^{(00)}m_{032}^{(22)}+4m_{100}^{(20)}m_{120}^{(00)}m_{023}^{(21)}-2m_{100}^{(20)}m_{120}^{(00)}m_{014}^{(11)}+4m_{100}^{(20)}m_{120}^{(10)}m_{122}^{(22)}\\
&-4m_{100}^{(20)}m_{120}^{(10)}m_{113}^{(21)}-4m_{100}^{(20)}m_{120}^{(10)}m_{023}^{(20)}+4m_{100}^{(20)}m_{120}^{(10)}m_{014}^{(10)}-2m_{100}^{(20)}m_{120}^{(11)}m_{212}^{(22)}\\
&+4m_{100}^{(20)}m_{120}^{(11)}m_{113}^{(20)}-2m_{100}^{(20)}m_{120}^{(11)}m_{014}^{(00)}-4m_{100}^{(20)}m_{120}^{(20)}m_{122}^{(21)}+4m_{100}^{(20)}m_{120}^{(20)}m_{113}^{(11)}\\
&+4m_{100}^{(20)}m_{120}^{(20)}m_{032}^{(20)}-4m_{100}^{(20)}m_{120}^{(20)}m_{023}^{(10)}+4m_{100}^{(20)}m_{120}^{(21)}m_{212}^{(21)}-4m_{100}^{(20)}m_{120}^{(21)}m_{122}^{(20)}\\
&-4m_{100}^{(20)}m_{120}^{(21)}m_{113}^{(10)}+4m_{100}^{(20)}m_{120}^{(21)}m_{023}^{(00)}-2m_{100}^{(20)}m_{120}^{(22)}m_{212}^{(11)}+4m_{100}^{(20)}m_{120}^{(22)}m_{122}^{(10)}\\
&-2m_{100}^{(20)}m_{120}^{(22)}m_{032}^{(00)}+4m_{100}^{(20)}m_{111}^{(00)}m_{041}^{(22)}-8m_{100}^{(20)}m_{111}^{(00)}m_{032}^{(21)}+4m_{100}^{(20)}m_{111}^{(00)}m_{023}^{(11)}\\
&-8m_{100}^{(20)}m_{111}^{(10)}m_{131}^{(22)}+8m_{100}^{(20)}m_{111}^{(10)}m_{122}^{(21)}+8m_{100}^{(20)}m_{111}^{(10)}m_{032}^{(20)}-8m_{100}^{(20)}m_{111}^{(10)}m_{023}^{(10)}\\
&+4m_{100}^{(20)}m_{111}^{(11)}m_{221}^{(22)}-8m_{100}^{(20)}m_{111}^{(11)}m_{122}^{(20)}+4m_{100}^{(20)}m_{111}^{(11)}m_{023}^{(00)}+8m_{100}^{(20)}m_{111}^{(20)}m_{131}^{(21)}\\
&-8m_{100}^{(20)}m_{111}^{(20)}m_{122}^{(11)}-8m_{100}^{(20)}m_{111}^{(20)}m_{041}^{(20)}+8m_{100}^{(20)}m_{111}^{(20)}m_{032}^{(10)}-8m_{100}^{(20)}m_{111}^{(21)}m_{221}^{(21)}\\
&+8m_{100}^{(20)}m_{111}^{(21)}m_{131}^{(20)}+8m_{100}^{(20)}m_{111}^{(21)}m_{122}^{(10)}-8m_{100}^{(20)}m_{111}^{(21)}m_{032}^{(00)}+4m_{100}^{(20)}m_{111}^{(22)}m_{221}^{(11)}\\
&-8m_{100}^{(20)}m_{111}^{(22)}m_{131}^{(10)}+4m_{100}^{(20)}m_{111}^{(22)}m_{041}^{(00)}-2m_{100}^{(20)}m_{102}^{(00)}m_{050}^{(22)}+4m_{100}^{(20)}m_{102}^{(00)}m_{041}^{(21)}\\
&-2m_{100}^{(20)}m_{102}^{(00)}m_{032}^{(11)}+4m_{100}^{(20)}m_{102}^{(10)}m_{140}^{(22)}-4m_{100}^{(20)}m_{102}^{(10)}m_{131}^{(21)}-4m_{100}^{(20)}m_{102}^{(10)}m_{041}^{(20)}\\
&+4m_{100}^{(20)}m_{102}^{(10)}m_{032}^{(10)}-2m_{100}^{(20)}m_{102}^{(11)}m_{230}^{(22)}+4m_{100}^{(20)}m_{102}^{(11)}m_{131}^{(20)}-2m_{100}^{(20)}m_{102}^{(11)}m_{032}^{(00)}\\
&-4m_{100}^{(20)}m_{102}^{(20)}m_{140}^{(21)}+4m_{100}^{(20)}m_{102}^{(20)}m_{131}^{(11)}+4m_{100}^{(20)}m_{102}^{(20)}m_{050}^{(20)}-4m_{100}^{(20)}m_{102}^{(20)}m_{041}^{(10)}\\
&+4m_{100}^{(20)}m_{102}^{(21)}m_{230}^{(21)}-4m_{100}^{(20)}m_{102}^{(21)}m_{140}^{(20)}-4m_{100}^{(20)}m_{102}^{(21)}m_{131}^{(10)}+4m_{100}^{(20)}m_{102}^{(21)}m_{041}^{(00)}\\
&-2m_{100}^{(20)}m_{102}^{(22)}m_{230}^{(11)}+4m_{100}^{(20)}m_{102}^{(22)}m_{140}^{(10)}-2m_{100}^{(20)}m_{102}^{(22)}m_{050}^{(00)}+2m_{100}^{(20)}m_{030}^{(00)}m_{122}^{(22)}\\
&-4m_{100}^{(20)}m_{030}^{(00)}m_{113}^{(21)}+2m_{100}^{(20)}m_{030}^{(00)}m_{104}^{(11)}-4m_{100}^{(20)}m_{030}^{(10)}m_{212}^{(22)}+4m_{100}^{(20)}m_{030}^{(10)}m_{203}^{(21)}\\
&+4m_{100}^{(20)}m_{030}^{(10)}m_{113}^{(20)}-4m_{100}^{(20)}m_{030}^{(10)}m_{104}^{(10)}+2m_{100}^{(20)}m_{030}^{(11)}m_{302}^{(22)}-4m_{100}^{(20)}m_{030}^{(11)}m_{203}^{(20)}\\
&+2m_{100}^{(20)}m_{030}^{(11)}m_{104}^{(00)}+4m_{100}^{(20)}m_{030}^{(20)}m_{212}^{(21)}-4m_{100}^{(20)}m_{030}^{(20)}m_{203}^{(11)}-4m_{100}^{(20)}m_{030}^{(20)}m_{122}^{(20)}\\
&+4m_{100}^{(20)}m_{030}^{(20)}m_{113}^{(10)}-4m_{100}^{(20)}m_{030}^{(21)}m_{302}^{(21)}+4m_{100}^{(20)}m_{030}^{(21)}m_{212}^{(20)}+4m_{100}^{(20)}m_{030}^{(21)}m_{203}^{(10)}\\
&-4m_{100}^{(20)}m_{030}^{(21)}m_{113}^{(00)}+2m_{100}^{(20)}m_{030}^{(22)}m_{302}^{(11)}-4m_{100}^{(20)}m_{030}^{(22)}m_{212}^{(10)}+2m_{100}^{(20)}m_{030}^{(22)}m_{122}^{(00)}\\
&-4m_{100}^{(20)}m_{021}^{(00)}m_{131}^{(22)}+8m_{100}^{(20)}m_{021}^{(00)}m_{122}^{(21)}-4m_{100}^{(20)}m_{021}^{(00)}m_{113}^{(11)}+8m_{100}^{(20)}m_{021}^{(10)}m_{221}^{(22)}\\
&-8m_{100}^{(20)}m_{021}^{(10)}m_{212}^{(21)}-8m_{100}^{(20)}m_{021}^{(10)}m_{122}^{(20)}+8m_{100}^{(20)}m_{021}^{(10)}m_{113}^{(10)}-4m_{100}^{(20)}m_{021}^{(11)}m_{311}^{(22)}\\
&+8m_{100}^{(20)}m_{021}^{(11)}m_{212}^{(20)}-4m_{100}^{(20)}m_{021}^{(11)}m_{113}^{(00)}-8m_{100}^{(20)}m_{021}^{(20)}m_{221}^{(21)}+8m_{100}^{(20)}m_{021}^{(20)}m_{212}^{(11)}\\
&+8m_{100}^{(20)}m_{021}^{(20)}m_{131}^{(20)}-8m_{100}^{(20)}m_{021}^{(20)}m_{122}^{(10)}+8m_{100}^{(20)}m_{021}^{(21)}m_{311}^{(21)}-8m_{100}^{(20)}m_{021}^{(21)}m_{221}^{(20)}\\
&-8m_{100}^{(20)}m_{021}^{(21)}m_{212}^{(10)}+8m_{100}^{(20)}m_{021}^{(21)}m_{122}^{(00)}-4m_{100}^{(20)}m_{021}^{(22)}m_{311}^{(11)}+8m_{100}^{(20)}m_{021}^{(22)}m_{221}^{(10)}\\
&-4m_{100}^{(20)}m_{021}^{(22)}m_{131}^{(00)}+2m_{100}^{(20)}m_{012}^{(00)}m_{140}^{(22)}-4m_{100}^{(20)}m_{012}^{(00)}m_{131}^{(21)}+2m_{100}^{(20)}m_{012}^{(00)}m_{122}^{(11)}\\
&-4m_{100}^{(20)}m_{012}^{(10)}m_{230}^{(22)}+4m_{100}^{(20)}m_{012}^{(10)}m_{221}^{(21)}+4m_{100}^{(20)}m_{012}^{(10)}m_{131}^{(20)}-4m_{100}^{(20)}m_{012}^{(10)}m_{122}^{(10)}\\
&+2m_{100}^{(20)}m_{012}^{(11)}m_{320}^{(22)}-4m_{100}^{(20)}m_{012}^{(11)}m_{221}^{(20)}+2m_{100}^{(20)}m_{012}^{(11)}m_{122}^{(00)}+4m_{100}^{(20)}m_{012}^{(20)}m_{230}^{(21)}\\
&-4m_{100}^{(20)}m_{012}^{(20)}m_{221}^{(11)}-4m_{100}^{(20)}m_{012}^{(20)}m_{140}^{(20)}+4m_{100}^{(20)}m_{012}^{(20)}m_{131}^{(10)}-4m_{100}^{(20)}m_{012}^{(21)}m_{320}^{(21)}
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\begin{aligned}
&+4m_{100}^{(20)}m_{012}^{(21)}m_{230}^{(20)} + 4m_{100}^{(20)}m_{012}^{(21)}m_{221}^{(10)} - 4m_{100}^{(20)}m_{012}^{(21)}m_{131}^{(00)} + 2m_{100}^{(20)}m_{012}^{(22)}m_{320}^{(11)}\\
&-4m_{100}^{(20)}m_{012}^{(22)}m_{230}^{(10)} + 2m_{100}^{(20)}m_{012}^{(22)}m_{140}^{(00)} + 2m_{100}^{(21)}m_{210}^{(00)}m_{032}^{(22)} - 4m_{100}^{(21)}m_{210}^{(00)}m_{023}^{(21)}\\
&+2m_{100}^{(21)}m_{210}^{(00)}m_{014}^{(11)} - 4m_{100}^{(21)}m_{210}^{(10)}m_{122}^{(22)} + 4m_{100}^{(21)}m_{210}^{(10)}m_{113}^{(21)} + 4m_{100}^{(21)}m_{210}^{(10)}m_{023}^{(20)}\\
&-4m_{100}^{(21)}m_{210}^{(10)}m_{014}^{(10)} + 2m_{100}^{(21)}m_{210}^{(11)}m_{212}^{(22)} - 4m_{100}^{(21)}m_{210}^{(11)}m_{113}^{(20)} + 2m_{100}^{(21)}m_{210}^{(11)}m_{014}^{(00)}\\
&+4m_{100}^{(21)}m_{210}^{(20)}m_{122}^{(21)} - 4m_{100}^{(21)}m_{210}^{(20)}m_{113}^{(11)} - 4m_{100}^{(21)}m_{210}^{(20)}m_{032}^{(20)} + 4m_{100}^{(21)}m_{210}^{(20)}m_{023}^{(10)}\\
&-4m_{100}^{(21)}m_{210}^{(21)}m_{212}^{(21)} + 4m_{100}^{(21)}m_{210}^{(21)}m_{122}^{(20)} + 4m_{100}^{(21)}m_{210}^{(21)}m_{113}^{(10)} - 4m_{100}^{(21)}m_{210}^{(21)}m_{023}^{(00)}\\
&+2m_{100}^{(21)}m_{210}^{(22)}m_{212}^{(11)} - 4m_{100}^{(21)}m_{210}^{(22)}m_{122}^{(10)} + 2m_{100}^{(21)}m_{210}^{(22)}m_{032}^{(00)} - 2m_{100}^{(21)}m_{201}^{(00)}m_{041}^{(22)}\\
&+4m_{100}^{(21)}m_{201}^{(00)}m_{032}^{(21)} - 2m_{100}^{(21)}m_{201}^{(00)}m_{023}^{(11)} + 4m_{100}^{(21)}m_{201}^{(10)}m_{131}^{(22)} - 4m_{100}^{(21)}m_{201}^{(10)}m_{122}^{(21)}\\
&-4m_{100}^{(21)}m_{201}^{(10)}m_{032}^{(20)} + 4m_{100}^{(21)}m_{201}^{(10)}m_{023}^{(10)} - 2m_{100}^{(21)}m_{201}^{(11)}m_{221}^{(22)} + 4m_{100}^{(21)}m_{201}^{(11)}m_{122}^{(20)}\\
&-2m_{100}^{(21)}m_{201}^{(11)}m_{023}^{(00)} - 4m_{100}^{(21)}m_{201}^{(20)}m_{131}^{(21)} + 4m_{100}^{(21)}m_{201}^{(20)}m_{122}^{(11)} + 4m_{100}^{(21)}m_{201}^{(20)}m_{041}^{(20)}\\
&-4m_{100}^{(21)}m_{201}^{(20)}m_{032}^{(10)} + 4m_{100}^{(21)}m_{201}^{(21)}m_{221}^{(21)} - 4m_{100}^{(21)}m_{201}^{(21)}m_{131}^{(20)} - 4m_{100}^{(21)}m_{201}^{(21)}m_{122}^{(10)}\\
&+4m_{100}^{(21)}m_{201}^{(21)}m_{032}^{(00)} - 2m_{100}^{(21)}m_{201}^{(22)}m_{221}^{(11)} + 4m_{100}^{(21)}m_{201}^{(22)}m_{131}^{(10)} - 2m_{100}^{(21)}m_{201}^{(22)}m_{041}^{(00)}\\
&-2m_{100}^{(21)}m_{120}^{(00)}m_{122}^{(22)} + 4m_{100}^{(21)}m_{120}^{(00)}m_{113}^{(21)} - 2m_{100}^{(21)}m_{120}^{(00)}m_{104}^{(11)} + 4m_{100}^{(21)}m_{120}^{(10)}m_{212}^{(22)}\\
&-4m_{100}^{(21)}m_{120}^{(10)}m_{203}^{(21)} - 4m_{100}^{(21)}m_{120}^{(10)}m_{113}^{(20)} + 4m_{100}^{(21)}m_{120}^{(10)}m_{104}^{(10)} - 2m_{100}^{(21)}m_{120}^{(11)}m_{302}^{(22)}\\
&+4m_{100}^{(21)}m_{120}^{(11)}m_{203}^{(20)} - 2m_{100}^{(21)}m_{120}^{(11)}m_{104}^{(00)} - 4m_{100}^{(21)}m_{120}^{(20)}m_{212}^{(21)} + 4m_{100}^{(21)}m_{120}^{(20)}m_{203}^{(11)}\\
&+4m_{100}^{(21)}m_{120}^{(20)}m_{122}^{(20)} - 4m_{100}^{(21)}m_{120}^{(20)}m_{113}^{(10)} + 4m_{100}^{(21)}m_{120}^{(21)}m_{302}^{(21)} - 4m_{100}^{(21)}m_{120}^{(21)}m_{212}^{(20)}\\
&-4m_{100}^{(21)}m_{120}^{(21)}m_{203}^{(10)} + 4m_{100}^{(21)}m_{120}^{(21)}m_{113}^{(00)} - 2m_{100}^{(21)}m_{120}^{(22)}m_{302}^{(11)} + 4m_{100}^{(21)}m_{120}^{(22)}m_{212}^{(10)}\\
&-2m_{100}^{(21)}m_{120}^{(22)}m_{122}^{(00)} + 2m_{100}^{(21)}m_{102}^{(00)}m_{140}^{(22)} - 4m_{100}^{(21)}m_{102}^{(00)}m_{131}^{(21)} + 2m_{100}^{(21)}m_{102}^{(00)}m_{122}^{(11)}\\
&-4m_{100}^{(21)}m_{102}^{(10)}m_{230}^{(22)} + 4m_{100}^{(21)}m_{102}^{(10)}m_{221}^{(21)} + 4m_{100}^{(21)}m_{102}^{(10)}m_{131}^{(20)} - 4m_{100}^{(21)}m_{102}^{(10)}m_{122}^{(10)}\\
&+2m_{100}^{(21)}m_{102}^{(11)}m_{320}^{(22)} - 4m_{100}^{(21)}m_{102}^{(11)}m_{221}^{(20)} + 2m_{100}^{(21)}m_{102}^{(11)}m_{122}^{(00)} + 4m_{100}^{(21)}m_{102}^{(20)}m_{230}^{(21)}\\
&-4m_{100}^{(21)}m_{102}^{(20)}m_{221}^{(11)} - 4m_{100}^{(21)}m_{102}^{(20)}m_{140}^{(20)} + 4m_{100}^{(21)}m_{102}^{(20)}m_{131}^{(10)} - 4m_{100}^{(21)}m_{102}^{(21)}m_{320}^{(21)}\\
&+4m_{100}^{(21)}m_{102}^{(21)}m_{230}^{(20)} + 4m_{100}^{(21)}m_{102}^{(21)}m_{221}^{(10)} - 4m_{100}^{(21)}m_{102}^{(21)}m_{131}^{(00)} + 2m_{100}^{(21)}m_{102}^{(22)}m_{320}^{(11)}\\
&-4m_{100}^{(21)}m_{102}^{(22)}m_{230}^{(10)} + 2m_{100}^{(21)}m_{102}^{(22)}m_{140}^{(00)} + 2m_{100}^{(21)}m_{021}^{(00)}m_{221}^{(22)} - 4m_{100}^{(21)}m_{021}^{(00)}m_{212}^{(21)}\\
&+2m_{100}^{(21)}m_{021}^{(00)}m_{203}^{(11)} - 4m_{100}^{(21)}m_{021}^{(10)}m_{311}^{(22)} + 4m_{100}^{(21)}m_{021}^{(10)}m_{302}^{(21)} + 4m_{100}^{(21)}m_{021}^{(10)}m_{212}^{(20)}\\
&-4m_{100}^{(21)}m_{021}^{(10)}m_{203}^{(10)} + 2m_{100}^{(21)}m_{021}^{(11)}m_{401}^{(22)} - 4m_{100}^{(21)}m_{021}^{(11)}m_{302}^{(20)} + 2m_{100}^{(21)}m_{021}^{(11)}m_{203}^{(00)}\\
&+4m_{100}^{(21)}m_{021}^{(20)}m_{311}^{(21)} - 4m_{100}^{(21)}m_{021}^{(20)}m_{302}^{(11)} - 4m_{100}^{(21)}m_{021}^{(20)}m_{221}^{(20)} + 4m_{100}^{(21)}m_{021}^{(20)}m_{212}^{(10)}\\
&-4m_{100}^{(21)}m_{021}^{(21)}m_{401}^{(21)} + 4m_{100}^{(21)}m_{021}^{(21)}m_{311}^{(20)} + 4m_{100}^{(21)}m_{021}^{(21)}m_{302}^{(10)} - 4m_{100}^{(21)}m_{021}^{(21)}m_{212}^{(00)}\\
&+2m_{100}^{(21)}m_{021}^{(22)}m_{401}^{(11)} - 4m_{100}^{(21)}m_{021}^{(22)}m_{311}^{(10)} + 2m_{100}^{(21)}m_{021}^{(22)}m_{221}^{(00)} - 2m_{100}^{(21)}m_{012}^{(00)}m_{230}^{(22)}\\
&+4m_{100}^{(21)}m_{012}^{(00)}m_{221}^{(21)} - 2m_{100}^{(21)}m_{012}^{(00)}m_{212}^{(11)} + 4m_{100}^{(21)}m_{012}^{(10)}m_{320}^{(22)} - 4m_{100}^{(21)}m_{012}^{(10)}m_{311}^{(21)}\\
&-4m_{100}^{(21)}m_{012}^{(10)}m_{221}^{(20)} + 4m_{100}^{(21)}m_{012}^{(10)}m_{212}^{(10)} - 2m_{100}^{(21)}m_{012}^{(11)}m_{410}^{(22)} + 4m_{100}^{(21)}m_{012}^{(11)}m_{311}^{(20)}\\
&-2m_{100}^{(21)}m_{012}^{(11)}m_{212}^{(00)} - 4m_{100}^{(21)}m_{012}^{(20)}m_{320}^{(21)} + 4m_{100}^{(21)}m_{012}^{(20)}m_{311}^{(11)} + 4m_{100}^{(21)}m_{012}^{(20)}m_{230}^{(20)}\\
&-4m_{100}^{(21)}m_{012}^{(20)}m_{221}^{(10)} + 4m_{100}^{(21)}m_{012}^{(21)}m_{410}^{(21)} - 4m_{100}^{(21)}m_{012}^{(21)}m_{320}^{(20)} - 4m_{100}^{(21)}m_{012}^{(21)}m_{311}^{(10)}\\
&+4m_{100}^{(21)}m_{012}^{(21)}m_{221}^{(00)} - 2m_{100}^{(21)}m_{012}^{(22)}m_{410}^{(11)} + 4m_{100}^{(21)}m_{012}^{(22)}m_{320}^{(10)} - 2m_{100}^{(21)}m_{012}^{(22)}m_{230}^{(00)}\\
&-m_{100}^{(22)}m_{210}^{(00)}m_{041}^{(22)} + 2m_{100}^{(22)}m_{210}^{(00)}m_{032}^{(21)} - m_{100}^{(22)}m_{210}^{(00)}m_{023}^{(11)} + 2m_{100}^{(22)}m_{210}^{(10)}m_{131}^{(22)}\\
&-2m_{100}^{(22)}m_{210}^{(10)}m_{122}^{(21)} - 2m_{100}^{(22)}m_{210}^{(10)}m_{032}^{(20)} + 2m_{100}^{(22)}m_{210}^{(10)}m_{023}^{(10)} - m_{100}^{(22)}m_{210}^{(11)}m_{221}^{(22)}\\
&+2m_{100}^{(22)}m_{210}^{(11)}m_{122}^{(20)} - m_{100}^{(22)}m_{210}^{(11)}m_{023}^{(00)} - 2m_{100}^{(22)}m_{210}^{(20)}m_{131}^{(21)} + 2m_{100}^{(22)}m_{210}^{(20)}m_{122}^{(11)}\\
&+2m_{100}^{(22)}m_{210}^{(20)}m_{041}^{(20)} - 2m_{100}^{(22)}m_{210}^{(20)}m_{032}^{(10)} + 2m_{100}^{(22)}m_{210}^{(21)}m_{221}^{(21)} - 2m_{100}^{(22)}m_{210}^{(21)}m_{131}^{(20)}\\
&-2m_{100}^{(22)}m_{210}^{(21)}m_{122}^{(10)} + 2m_{100}^{(22)}m_{210}^{(21)}m_{032}^{(00)} - m_{100}^{(22)}m_{210}^{(22)}m_{221}^{(11)} + 2m_{100}^{(22)}m_{210}^{(22)}m_{131}^{(10)}
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\begin{aligned}
&-m_{100}^{(22)}m_{210}^{(22)}m_{041}^{(00)}+m_{100}^{(22)}m_{201}^{(00)}m_{050}^{(22)}-2m_{100}^{(22)}m_{201}^{(00)}m_{041}^{(21)}+m_{100}^{(22)}m_{201}^{(00)}m_{032}^{(11)}\\
&-2m_{100}^{(22)}m_{201}^{(10)}m_{140}^{(22)}+2m_{100}^{(22)}m_{201}^{(10)}m_{131}^{(21)}+2m_{100}^{(22)}m_{201}^{(10)}m_{041}^{(20)}-2m_{100}^{(22)}m_{201}^{(10)}m_{032}^{(10)}\\
&+m_{100}^{(22)}m_{201}^{(11)}m_{230}^{(22)}-2m_{100}^{(22)}m_{201}^{(11)}m_{131}^{(20)}+m_{100}^{(22)}m_{201}^{(11)}m_{032}^{(00)}+2m_{100}^{(22)}m_{201}^{(20)}m_{140}^{(21)}\\
&-2m_{100}^{(22)}m_{201}^{(20)}m_{131}^{(11)}-2m_{100}^{(22)}m_{201}^{(20)}m_{050}^{(20)}+2m_{100}^{(22)}m_{201}^{(20)}m_{041}^{(10)}-2m_{100}^{(22)}m_{201}^{(21)}m_{230}^{(21)}\\
&+2m_{100}^{(22)}m_{201}^{(21)}m_{140}^{(20)}+2m_{100}^{(22)}m_{201}^{(21)}m_{131}^{(10)}-2m_{100}^{(22)}m_{201}^{(21)}m_{041}^{(00)}+m_{100}^{(22)}m_{201}^{(22)}m_{230}^{(11)}\\
&-2m_{100}^{(22)}m_{201}^{(22)}m_{140}^{(10)}+m_{100}^{(22)}m_{201}^{(22)}m_{050}^{(00)}+2m_{100}^{(22)}m_{120}^{(00)}m_{131}^{(22)}-4m_{100}^{(22)}m_{120}^{(00)}m_{122}^{(21)}\\
&+2m_{100}^{(22)}m_{120}^{(00)}m_{113}^{(11)}-4m_{100}^{(22)}m_{120}^{(10)}m_{221}^{(22)}+4m_{100}^{(22)}m_{120}^{(10)}m_{212}^{(21)}+4m_{100}^{(22)}m_{120}^{(10)}m_{122}^{(20)}\\
&-4m_{100}^{(22)}m_{120}^{(10)}m_{113}^{(10)}+2m_{100}^{(22)}m_{120}^{(11)}m_{311}^{(22)}-4m_{100}^{(22)}m_{120}^{(11)}m_{212}^{(20)}+2m_{100}^{(22)}m_{120}^{(11)}m_{113}^{(00)}\\
&+4m_{100}^{(22)}m_{120}^{(20)}m_{221}^{(21)}-4m_{100}^{(22)}m_{120}^{(20)}m_{212}^{(11)}-4m_{100}^{(22)}m_{120}^{(20)}m_{131}^{(20)}+4m_{100}^{(22)}m_{120}^{(20)}m_{122}^{(10)}\\
&-4m_{100}^{(22)}m_{120}^{(21)}m_{311}^{(21)}+4m_{100}^{(22)}m_{120}^{(21)}m_{221}^{(20)}+4m_{100}^{(22)}m_{120}^{(21)}m_{212}^{(10)}-4m_{100}^{(22)}m_{120}^{(21)}m_{122}^{(00)}\\
&+2m_{100}^{(22)}m_{120}^{(22)}m_{311}^{(11)}-4m_{100}^{(22)}m_{120}^{(22)}m_{221}^{(10)}+2m_{100}^{(22)}m_{120}^{(22)}m_{131}^{(00)}-2m_{100}^{(22)}m_{111}^{(00)}m_{140}^{(22)}\\
&+4m_{100}^{(22)}m_{111}^{(00)}m_{131}^{(21)}-2m_{100}^{(22)}m_{111}^{(00)}m_{122}^{(11)}+4m_{100}^{(22)}m_{111}^{(10)}m_{230}^{(22)}-4m_{100}^{(22)}m_{111}^{(10)}m_{221}^{(21)}\\
&-4m_{100}^{(22)}m_{111}^{(10)}m_{131}^{(20)}+4m_{100}^{(22)}m_{111}^{(10)}m_{122}^{(10)}-2m_{100}^{(22)}m_{111}^{(11)}m_{320}^{(22)}+4m_{100}^{(22)}m_{111}^{(11)}m_{221}^{(20)}\\
&-2m_{100}^{(22)}m_{111}^{(11)}m_{122}^{(00)}-4m_{100}^{(22)}m_{111}^{(20)}m_{230}^{(21)}+4m_{100}^{(22)}m_{111}^{(20)}m_{221}^{(11)}+4m_{100}^{(22)}m_{111}^{(20)}m_{140}^{(20)}\\
&-4m_{100}^{(22)}m_{111}^{(20)}m_{131}^{(10)}+4m_{100}^{(22)}m_{111}^{(21)}m_{320}^{(21)}-4m_{100}^{(22)}m_{111}^{(21)}m_{230}^{(20)}-4m_{100}^{(22)}m_{111}^{(21)}m_{221}^{(10)}\\
&+4m_{100}^{(22)}m_{111}^{(21)}m_{131}^{(00)}-2m_{100}^{(22)}m_{111}^{(22)}m_{320}^{(11)}+4m_{100}^{(22)}m_{111}^{(22)}m_{230}^{(10)}-2m_{100}^{(22)}m_{111}^{(22)}m_{140}^{(00)}\\
&-m_{100}^{(22)}m_{030}^{(00)}m_{221}^{(22)}+2m_{100}^{(22)}m_{030}^{(00)}m_{212}^{(21)}-m_{100}^{(22)}m_{030}^{(00)}m_{203}^{(11)}+2m_{100}^{(22)}m_{030}^{(10)}m_{311}^{(22)}\\
&-2m_{100}^{(22)}m_{030}^{(10)}m_{302}^{(21)}-2m_{100}^{(22)}m_{030}^{(10)}m_{212}^{(20)}+2m_{100}^{(22)}m_{030}^{(10)}m_{203}^{(10)}-m_{100}^{(22)}m_{030}^{(11)}m_{401}^{(22)}\\
&+2m_{100}^{(22)}m_{030}^{(11)}m_{302}^{(20)}-m_{100}^{(22)}m_{030}^{(11)}m_{203}^{(00)}-2m_{100}^{(22)}m_{030}^{(20)}m_{311}^{(21)}+2m_{100}^{(22)}m_{030}^{(20)}m_{302}^{(11)}\\
&+2m_{100}^{(22)}m_{030}^{(20)}m_{221}^{(20)}-2m_{100}^{(22)}m_{030}^{(20)}m_{212}^{(10)}+2m_{100}^{(22)}m_{030}^{(21)}m_{401}^{(21)}-2m_{100}^{(22)}m_{030}^{(21)}m_{311}^{(20)}\\
&-2m_{100}^{(22)}m_{030}^{(21)}m_{302}^{(10)}+2m_{100}^{(22)}m_{030}^{(21)}m_{212}^{(00)}-m_{100}^{(22)}m_{030}^{(22)}m_{401}^{(11)}+2m_{100}^{(22)}m_{030}^{(22)}m_{311}^{(10)}\\
&-m_{100}^{(22)}m_{030}^{(22)}m_{221}^{(00)}+m_{100}^{(22)}m_{021}^{(00)}m_{230}^{(22)}-2m_{100}^{(22)}m_{021}^{(00)}m_{221}^{(21)}+m_{100}^{(22)}m_{021}^{(00)}m_{212}^{(11)}\\
&-2m_{100}^{(22)}m_{021}^{(10)}m_{320}^{(22)}+2m_{100}^{(22)}m_{021}^{(10)}m_{311}^{(21)}+2m_{100}^{(22)}m_{021}^{(10)}m_{221}^{(20)}-2m_{100}^{(22)}m_{021}^{(10)}m_{212}^{(10)}\\
&+m_{100}^{(22)}m_{021}^{(11)}m_{410}^{(22)}-2m_{100}^{(22)}m_{021}^{(11)}m_{311}^{(20)}+m_{100}^{(22)}m_{021}^{(11)}m_{212}^{(00)}+2m_{100}^{(22)}m_{021}^{(20)}m_{320}^{(21)}\\
&-2m_{100}^{(22)}m_{021}^{(20)}m_{311}^{(11)}-2m_{100}^{(22)}m_{021}^{(20)}m_{230}^{(20)}+2m_{100}^{(22)}m_{021}^{(20)}m_{221}^{(10)}-2m_{100}^{(22)}m_{021}^{(21)}m_{410}^{(21)}\\
&+2m_{100}^{(22)}m_{021}^{(21)}m_{320}^{(20)}+2m_{100}^{(22)}m_{021}^{(21)}m_{311}^{(10)}-2m_{100}^{(22)}m_{021}^{(21)}m_{221}^{(00)}+m_{100}^{(22)}m_{021}^{(22)}m_{410}^{(11)}\\
&-2m_{100}^{(22)}m_{021}^{(22)}m_{320}^{(10)}+m_{100}^{(22)}m_{021}^{(22)}m_{230}^{(00)}+m_{010}^{(00)}m_{120}^{(00)}m_{023}^{(22)}-2m_{010}^{(00)}m_{120}^{(00)}m_{014}^{(21)}\\
&+m_{010}^{(00)}m_{120}^{(00)}m_{005}^{(11)}-2m_{010}^{(00)}m_{120}^{(10)}m_{113}^{(22)}+2m_{010}^{(00)}m_{120}^{(10)}m_{104}^{(21)}+2m_{010}^{(00)}m_{120}^{(10)}m_{014}^{(20)}\\
&-2m_{010}^{(00)}m_{120}^{(10)}m_{005}^{(10)}+m_{010}^{(00)}m_{120}^{(11)}m_{203}^{(22)}-2m_{010}^{(00)}m_{120}^{(11)}m_{104}^{(20)}+m_{010}^{(00)}m_{120}^{(11)}m_{005}^{(00)}\\
&+2m_{010}^{(00)}m_{120}^{(20)}m_{113}^{(21)}-2m_{010}^{(00)}m_{120}^{(20)}m_{104}^{(11)}-2m_{010}^{(00)}m_{120}^{(20)}m_{023}^{(20)}+2m_{010}^{(00)}m_{120}^{(20)}m_{014}^{(10)}\\
&-2m_{010}^{(00)}m_{120}^{(21)}m_{203}^{(21)}+2m_{010}^{(00)}m_{120}^{(21)}m_{113}^{(20)}+2m_{010}^{(00)}m_{120}^{(21)}m_{104}^{(10)}-2m_{010}^{(00)}m_{120}^{(21)}m_{014}^{(00)}\\
&+m_{010}^{(00)}m_{120}^{(22)}m_{203}^{(11)}-2m_{010}^{(00)}m_{120}^{(22)}m_{113}^{(10)}+m_{010}^{(00)}m_{120}^{(22)}m_{023}^{(00)}-2m_{010}^{(00)}m_{111}^{(00)}m_{032}^{(22)}\\
&+4m_{010}^{(00)}m_{111}^{(00)}m_{023}^{(21)}-2m_{010}^{(00)}m_{111}^{(00)}m_{014}^{(11)}+4m_{010}^{(00)}m_{111}^{(10)}m_{122}^{(22)}-4m_{010}^{(00)}m_{111}^{(10)}m_{113}^{(21)}\\
&-4m_{010}^{(00)}m_{111}^{(10)}m_{023}^{(20)}+4m_{010}^{(00)}m_{111}^{(10)}m_{014}^{(10)}-2m_{010}^{(00)}m_{111}^{(11)}m_{212}^{(22)}+4m_{010}^{(00)}m_{111}^{(11)}m_{113}^{(20)}\\
&-2m_{010}^{(00)}m_{111}^{(11)}m_{014}^{(00)}-4m_{010}^{(00)}m_{111}^{(20)}m_{122}^{(21)}+4m_{010}^{(00)}m_{111}^{(20)}m_{113}^{(11)}+4m_{010}^{(00)}m_{111}^{(20)}m_{032}^{(20)}\\
&-4m_{010}^{(00)}m_{111}^{(20)}m_{023}^{(10)}+4m_{010}^{(00)}m_{111}^{(21)}m_{212}^{(21)}-4m_{010}^{(00)}m_{111}^{(21)}m_{122}^{(20)}-4m_{010}^{(00)}m_{111}^{(21)}m_{113}^{(10)}\\
&+4m_{010}^{(00)}m_{111}^{(21)}m_{023}^{(00)}-2m_{010}^{(00)}m_{111}^{(22)}m_{212}^{(11)}+4m_{010}^{(00)}m_{111}^{(22)}m_{122}^{(10)}-2m_{010}^{(00)}m_{111}^{(22)}m_{032}^{(00)}\\
&+m_{010}^{(00)}m_{102}^{(00)}m_{041}^{(22)}-2m_{010}^{(00)}m_{102}^{(00)}m_{032}^{(21)}+m_{010}^{(00)}m_{102}^{(00)}m_{023}^{(11)}-2m_{010}^{(00)}m_{102}^{(10)}m_{131}^{(22)}
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\begin{aligned}
&+2m_{010}^{(00)}m_{102}^{(10)}m_{122}^{(21)} + 2m_{010}^{(00)}m_{102}^{(10)}m_{032}^{(20)} - 2m_{010}^{(00)}m_{102}^{(10)}m_{023}^{(10)} + m_{010}^{(00)}m_{102}^{(11)}m_{221}^{(22)}\\
&-2m_{010}^{(00)}m_{102}^{(11)}m_{122}^{(20)} + m_{010}^{(00)}m_{102}^{(11)}m_{023}^{(00)} + 2m_{010}^{(00)}m_{102}^{(20)}m_{131}^{(21)} - 2m_{010}^{(00)}m_{102}^{(20)}m_{122}^{(11)}\\
&-2m_{010}^{(00)}m_{102}^{(20)}m_{041}^{(20)} + 2m_{010}^{(00)}m_{102}^{(20)}m_{032}^{(10)} - 2m_{010}^{(00)}m_{102}^{(21)}m_{221}^{(21)} + 2m_{010}^{(00)}m_{102}^{(21)}m_{131}^{(20)}\\
&+2m_{010}^{(00)}m_{102}^{(21)}m_{122}^{(10)} - 2m_{010}^{(00)}m_{102}^{(21)}m_{032}^{(00)} + m_{010}^{(00)}m_{102}^{(22)}m_{221}^{(11)} - 2m_{010}^{(00)}m_{102}^{(22)}m_{131}^{(10)}\\
&+m_{010}^{(00)}m_{102}^{(22)}m_{041}^{(00)} - m_{010}^{(00)}m_{021}^{(00)}m_{122}^{(22)} + 2m_{010}^{(00)}m_{021}^{(00)}m_{113}^{(21)} - m_{010}^{(00)}m_{021}^{(00)}m_{104}^{(11)}\\
&+2m_{010}^{(00)}m_{021}^{(10)}m_{212}^{(22)} - 2m_{010}^{(00)}m_{021}^{(10)}m_{203}^{(21)} - 2m_{010}^{(00)}m_{021}^{(10)}m_{113}^{(20)} + 2m_{010}^{(00)}m_{021}^{(10)}m_{104}^{(10)}\\
&-m_{010}^{(00)}m_{021}^{(11)}m_{302}^{(22)} + 2m_{010}^{(00)}m_{021}^{(11)}m_{203}^{(20)} - m_{010}^{(00)}m_{021}^{(11)}m_{104}^{(00)} - 2m_{010}^{(00)}m_{021}^{(20)}m_{212}^{(21)}\\
&+2m_{010}^{(00)}m_{021}^{(20)}m_{203}^{(11)} + 2m_{010}^{(00)}m_{021}^{(20)}m_{122}^{(20)} - 2m_{010}^{(00)}m_{021}^{(20)}m_{113}^{(10)} + 2m_{010}^{(00)}m_{021}^{(21)}m_{302}^{(21)}\\
&-2m_{010}^{(00)}m_{021}^{(21)}m_{212}^{(20)} - 2m_{010}^{(00)}m_{021}^{(21)}m_{203}^{(10)} + 2m_{010}^{(00)}m_{021}^{(21)}m_{113}^{(00)} - m_{010}^{(00)}m_{021}^{(22)}m_{302}^{(11)}\\
&+2m_{010}^{(00)}m_{021}^{(22)}m_{212}^{(10)} - m_{010}^{(00)}m_{021}^{(22)}m_{122}^{(00)} + 2m_{010}^{(00)}m_{012}^{(00)}m_{131}^{(22)} - 4m_{010}^{(00)}m_{012}^{(00)}m_{122}^{(21)}\\
&+2m_{010}^{(00)}m_{012}^{(00)}m_{113}^{(11)} - 4m_{010}^{(00)}m_{012}^{(10)}m_{221}^{(22)} + 4m_{010}^{(00)}m_{012}^{(10)}m_{212}^{(21)} + 4m_{010}^{(00)}m_{012}^{(10)}m_{122}^{(20)}\\
&-4m_{010}^{(00)}m_{012}^{(10)}m_{113}^{(10)} + 2m_{010}^{(00)}m_{012}^{(11)}m_{311}^{(22)} - 4m_{010}^{(00)}m_{012}^{(11)}m_{212}^{(20)} + 2m_{010}^{(00)}m_{012}^{(11)}m_{113}^{(00)}\\
&+4m_{010}^{(00)}m_{012}^{(20)}m_{221}^{(21)} - 4m_{010}^{(00)}m_{012}^{(20)}m_{212}^{(11)} - 4m_{010}^{(00)}m_{012}^{(20)}m_{131}^{(20)} + 4m_{010}^{(00)}m_{012}^{(20)}m_{122}^{(10)}\\
&-4m_{010}^{(00)}m_{012}^{(21)}m_{311}^{(21)} + 4m_{010}^{(00)}m_{012}^{(21)}m_{221}^{(20)} + 4m_{010}^{(00)}m_{012}^{(21)}m_{212}^{(10)} - 4m_{010}^{(00)}m_{012}^{(21)}m_{122}^{(00)}\\
&+2m_{010}^{(00)}m_{012}^{(22)}m_{311}^{(11)} - 4m_{010}^{(00)}m_{012}^{(22)}m_{221}^{(10)} + 2m_{010}^{(00)}m_{012}^{(22)}m_{131}^{(00)} - m_{010}^{(00)}m_{003}^{(00)}m_{140}^{(22)}\\
&+2m_{010}^{(00)}m_{003}^{(00)}m_{131}^{(21)} - m_{010}^{(00)}m_{003}^{(00)}m_{122}^{(11)} + 2m_{010}^{(00)}m_{003}^{(10)}m_{230}^{(22)} - 2m_{010}^{(00)}m_{003}^{(10)}m_{221}^{(21)}\\
&-2m_{010}^{(00)}m_{003}^{(10)}m_{131}^{(20)} + 2m_{010}^{(00)}m_{003}^{(10)}m_{122}^{(10)} - m_{010}^{(00)}m_{003}^{(11)}m_{320}^{(22)} + 2m_{010}^{(00)}m_{003}^{(11)}m_{221}^{(20)}\\
&-m_{010}^{(00)}m_{003}^{(11)}m_{122}^{(00)} - 2m_{010}^{(00)}m_{003}^{(20)}m_{230}^{(21)} + 2m_{010}^{(00)}m_{003}^{(20)}m_{221}^{(11)} + 2m_{010}^{(00)}m_{003}^{(20)}m_{140}^{(20)}\\
&-2m_{010}^{(00)}m_{003}^{(20)}m_{131}^{(10)} + 2m_{010}^{(00)}m_{003}^{(21)}m_{320}^{(21)} - 2m_{010}^{(00)}m_{003}^{(21)}m_{230}^{(20)} - 2m_{010}^{(00)}m_{003}^{(21)}m_{221}^{(10)}\\
&+2m_{010}^{(00)}m_{003}^{(21)}m_{131}^{(10)} - m_{010}^{(00)}m_{003}^{(22)}m_{320}^{(11)} + 2m_{010}^{(00)}m_{003}^{(22)}m_{230}^{(10)} - m_{010}^{(00)}m_{003}^{(22)}m_{140}^{(00)}\\
&-2m_{010}^{(10)}m_{210}^{(00)}m_{023}^{(22)} + 4m_{010}^{(10)}m_{210}^{(00)}m_{014}^{(21)} - 2m_{010}^{(10)}m_{210}^{(00)}m_{005}^{(11)} + 4m_{010}^{(10)}m_{210}^{(10)}m_{113}^{(22)}\\
&-4m_{010}^{(10)}m_{210}^{(10)}m_{104}^{(21)} - 4m_{010}^{(10)}m_{210}^{(10)}m_{014}^{(20)} + 4m_{010}^{(10)}m_{210}^{(10)}m_{005}^{(10)} - 2m_{010}^{(10)}m_{210}^{(11)}m_{203}^{(22)}\\
&+4m_{010}^{(10)}m_{210}^{(11)}m_{104}^{(20)} - 2m_{010}^{(10)}m_{210}^{(11)}m_{005}^{(00)} - 4m_{010}^{(10)}m_{210}^{(20)}m_{113}^{(21)} + 4m_{010}^{(10)}m_{210}^{(20)}m_{104}^{(11)}\\
&+4m_{010}^{(10)}m_{210}^{(20)}m_{023}^{(20)} - 4m_{010}^{(10)}m_{210}^{(20)}m_{014}^{(10)} + 4m_{010}^{(10)}m_{210}^{(21)}m_{203}^{(21)} - 4m_{010}^{(10)}m_{210}^{(21)}m_{113}^{(20)}\\
&-4m_{010}^{(10)}m_{210}^{(21)}m_{104}^{(10)} + 4m_{010}^{(10)}m_{210}^{(21)}m_{014}^{(00)} - 2m_{010}^{(10)}m_{210}^{(22)}m_{203}^{(11)} + 4m_{010}^{(10)}m_{210}^{(22)}m_{113}^{(10)}\\
&-2m_{010}^{(10)}m_{210}^{(22)}m_{023}^{(00)} + 2m_{010}^{(10)}m_{201}^{(00)}m_{032}^{(22)} - 4m_{010}^{(10)}m_{201}^{(00)}m_{023}^{(21)} + 2m_{010}^{(10)}m_{201}^{(00)}m_{014}^{(11)}\\
&-4m_{010}^{(10)}m_{201}^{(10)}m_{122}^{(22)} + 4m_{010}^{(10)}m_{201}^{(10)}m_{113}^{(21)} + 4m_{010}^{(10)}m_{201}^{(10)}m_{023}^{(20)} - 4m_{010}^{(10)}m_{201}^{(10)}m_{014}^{(10)}\\
&+2m_{010}^{(10)}m_{201}^{(11)}m_{212}^{(22)} - 4m_{010}^{(10)}m_{201}^{(11)}m_{113}^{(20)} + 2m_{010}^{(10)}m_{201}^{(11)}m_{014}^{(00)} + 4m_{010}^{(10)}m_{201}^{(20)}m_{122}^{(21)}\\
&-4m_{010}^{(10)}m_{201}^{(20)}m_{113}^{(11)} - 4m_{010}^{(10)}m_{201}^{(20)}m_{032}^{(20)} + 4m_{010}^{(10)}m_{201}^{(20)}m_{023}^{(10)} - 4m_{010}^{(10)}m_{201}^{(21)}m_{212}^{(21)}\\
&+4m_{010}^{(10)}m_{201}^{(21)}m_{122}^{(20)} + 4m_{010}^{(10)}m_{201}^{(21)}m_{113}^{(10)} - 4m_{010}^{(10)}m_{201}^{(21)}m_{023}^{(00)} + 2m_{010}^{(10)}m_{201}^{(22)}m_{212}^{(11)}\\
&-4m_{010}^{(10)}m_{201}^{(22)}m_{122}^{(10)} + 2m_{010}^{(10)}m_{201}^{(22)}m_{032}^{(00)} + 4m_{010}^{(10)}m_{111}^{(00)}m_{122}^{(22)} - 8m_{010}^{(10)}m_{111}^{(00)}m_{113}^{(21)}\\
&+4m_{010}^{(10)}m_{111}^{(00)}m_{104}^{(11)} - 8m_{010}^{(10)}m_{111}^{(10)}m_{212}^{(22)} + 8m_{010}^{(10)}m_{111}^{(10)}m_{203}^{(21)} + 8m_{010}^{(10)}m_{111}^{(10)}m_{113}^{(20)}\\
&-8m_{010}^{(10)}m_{111}^{(10)}m_{104}^{(10)} + 4m_{010}^{(10)}m_{111}^{(11)}m_{302}^{(22)} - 8m_{010}^{(10)}m_{111}^{(11)}m_{203}^{(20)} + 4m_{010}^{(10)}m_{111}^{(11)}m_{104}^{(00)}\\
&+8m_{010}^{(10)}m_{111}^{(20)}m_{212}^{(21)} - 8m_{010}^{(10)}m_{111}^{(20)}m_{203}^{(11)} - 8m_{010}^{(10)}m_{111}^{(20)}m_{122}^{(20)} + 8m_{010}^{(10)}m_{111}^{(20)}m_{113}^{(10)}\\
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&+4m_{010}^{(10)}m_{111}^{(22)}m_{302}^{(11)} - 8m_{010}^{(10)}m_{111}^{(22)}m_{212}^{(10)} + 4m_{010}^{(10)}m_{111}^{(22)}m_{122}^{(00)} - 4m_{010}^{(10)}m_{102}^{(00)}m_{131}^{(22)}\\
&+8m_{010}^{(10)}m_{102}^{(00)}m_{122}^{(21)} - 4m_{010}^{(10)}m_{102}^{(00)}m_{113}^{(11)} + 8m_{010}^{(10)}m_{102}^{(10)}m_{221}^{(22)} - 8m_{010}^{(10)}m_{102}^{(10)}m_{212}^{(21)}\\
&-8m_{010}^{(10)}m_{102}^{(10)}m_{122}^{(20)} + 8m_{010}^{(10)}m_{102}^{(10)}m_{113}^{(10)} - 4m_{010}^{(10)}m_{102}^{(11)}m_{311}^{(22)} + 8m_{010}^{(10)}m_{102}^{(11)}m_{212}^{(20)}
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&-4m_{010}^{(10)}m_{102}^{(11)}m_{113}^{(00)} - 8m_{010}^{(10)}m_{102}^{(20)}m_{221}^{(21)} + 8m_{010}^{(10)}m_{102}^{(20)}m_{212}^{(11)} + 8m_{010}^{(10)}m_{102}^{(20)}m_{131}^{(20)}\\
&-8m_{010}^{(10)}m_{102}^{(20)}m_{122}^{(10)} + 8m_{010}^{(10)}m_{102}^{(21)}m_{311}^{(21)} - 8m_{010}^{(10)}m_{102}^{(21)}m_{221}^{(20)} - 8m_{010}^{(10)}m_{102}^{(21)}m_{212}^{(10)}\\
&+8m_{010}^{(10)}m_{102}^{(21)}m_{122}^{(00)} - 4m_{010}^{(10)}m_{102}^{(22)}m_{311}^{(11)} + 8m_{010}^{(10)}m_{102}^{(22)}m_{221}^{(10)} - 4m_{010}^{(10)}m_{102}^{(22)}m_{131}^{(00)}\\
&-2m_{010}^{(10)}m_{012}^{(00)}m_{221}^{(22)} + 4m_{010}^{(10)}m_{012}^{(00)}m_{212}^{(21)} - 2m_{010}^{(10)}m_{012}^{(00)}m_{203}^{(11)} + 4m_{010}^{(10)}m_{012}^{(10)}m_{311}^{(22)}\\
&-4m_{010}^{(10)}m_{012}^{(10)}m_{302}^{(21)} - 4m_{010}^{(10)}m_{012}^{(10)}m_{212}^{(20)} + 4m_{010}^{(10)}m_{012}^{(10)}m_{203}^{(10)} - 2m_{010}^{(10)}m_{012}^{(11)}m_{401}^{(22)}\\
&+4m_{010}^{(10)}m_{012}^{(11)}m_{302}^{(20)} - 2m_{010}^{(10)}m_{012}^{(11)}m_{203}^{(00)} - 4m_{010}^{(10)}m_{012}^{(20)}m_{311}^{(21)} + 4m_{010}^{(10)}m_{012}^{(20)}m_{302}^{(11)}\\
&+4m_{010}^{(10)}m_{012}^{(20)}m_{221}^{(20)} - 4m_{010}^{(10)}m_{012}^{(20)}m_{212}^{(10)} + 4m_{010}^{(10)}m_{012}^{(21)}m_{401}^{(21)} - 4m_{010}^{(10)}m_{012}^{(21)}m_{311}^{(20)}\\
&-4m_{010}^{(10)}m_{012}^{(21)}m_{302}^{(10)} + 4m_{010}^{(10)}m_{012}^{(21)}m_{212}^{(00)} - 2m_{010}^{(10)}m_{012}^{(22)}m_{401}^{(11)} + 4m_{010}^{(10)}m_{012}^{(22)}m_{311}^{(10)}\\
&-2m_{010}^{(10)}m_{012}^{(22)}m_{221}^{(00)} + 2m_{010}^{(10)}m_{003}^{(00)}m_{230}^{(22)} - 4m_{010}^{(10)}m_{003}^{(00)}m_{221}^{(21)} + 2m_{010}^{(10)}m_{003}^{(00)}m_{212}^{(11)}\\
&-4m_{010}^{(10)}m_{003}^{(10)}m_{320}^{(22)} + 4m_{010}^{(10)}m_{003}^{(10)}m_{311}^{(21)} + 4m_{010}^{(10)}m_{003}^{(10)}m_{221}^{(20)} - 4m_{010}^{(10)}m_{003}^{(10)}m_{212}^{(10)}\\
&+2m_{010}^{(10)}m_{003}^{(11)}m_{410}^{(22)} - 4m_{010}^{(10)}m_{003}^{(11)}m_{311}^{(20)} + 2m_{010}^{(10)}m_{003}^{(11)}m_{212}^{(00)} + 4m_{010}^{(10)}m_{003}^{(20)}m_{320}^{(21)}\\
&-4m_{010}^{(10)}m_{003}^{(20)}m_{311}^{(11)} - 4m_{010}^{(10)}m_{003}^{(20)}m_{230}^{(20)} + 4m_{010}^{(10)}m_{003}^{(20)}m_{221}^{(10)} - 4m_{010}^{(10)}m_{003}^{(21)}m_{410}^{(21)}\\
&+4m_{010}^{(10)}m_{003}^{(21)}m_{320}^{(20)} + 4m_{010}^{(10)}m_{003}^{(21)}m_{311}^{(10)} - 4m_{010}^{(10)}m_{003}^{(21)}m_{221}^{(00)} + 2m_{010}^{(10)}m_{003}^{(22)}m_{410}^{(11)}\\
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&-2m_{010}^{(11)}m_{300}^{(10)}m_{005}^{(10)} + m_{010}^{(11)}m_{300}^{(11)}m_{203}^{(22)} - 2m_{010}^{(11)}m_{300}^{(11)}m_{104}^{(20)} + m_{010}^{(11)}m_{300}^{(11)}m_{005}^{(00)}\\
&+2m_{010}^{(11)}m_{300}^{(20)}m_{113}^{(21)} - 2m_{010}^{(11)}m_{300}^{(20)}m_{104}^{(11)} - 2m_{010}^{(11)}m_{300}^{(20)}m_{023}^{(20)} + 2m_{010}^{(11)}m_{300}^{(20)}m_{014}^{(10)}\\
&-2m_{010}^{(11)}m_{300}^{(21)}m_{203}^{(21)} + 2m_{010}^{(11)}m_{300}^{(21)}m_{113}^{(20)} + 2m_{010}^{(11)}m_{300}^{(21)}m_{104}^{(10)} - 2m_{010}^{(11)}m_{300}^{(21)}m_{014}^{(00)}\\
&+m_{010}^{(11)}m_{300}^{(22)}m_{203}^{(11)} - 2m_{010}^{(11)}m_{300}^{(22)}m_{113}^{(10)} + m_{010}^{(11)}m_{300}^{(22)}m_{023}^{(00)} - 3m_{010}^{(11)}m_{201}^{(00)}m_{122}^{(22)}\\
&+6m_{010}^{(11)}m_{201}^{(00)}m_{113}^{(21)} - 3m_{010}^{(11)}m_{201}^{(00)}m_{104}^{(11)} + 6m_{010}^{(11)}m_{201}^{(10)}m_{212}^{(22)} - 6m_{010}^{(11)}m_{201}^{(10)}m_{203}^{(21)}\\
&-6m_{010}^{(11)}m_{201}^{(10)}m_{113}^{(20)} + 6m_{010}^{(11)}m_{201}^{(10)}m_{104}^{(10)} - 3m_{010}^{(11)}m_{201}^{(11)}m_{302}^{(22)} + 6m_{010}^{(11)}m_{201}^{(11)}m_{203}^{(20)}\\
&-3m_{010}^{(11)}m_{201}^{(11)}m_{104}^{(00)} - 6m_{010}^{(11)}m_{201}^{(20)}m_{212}^{(21)} + 6m_{010}^{(11)}m_{201}^{(20)}m_{203}^{(11)} + 6m_{010}^{(11)}m_{201}^{(20)}m_{122}^{(20)}\\
&-6m_{010}^{(11)}m_{201}^{(20)}m_{113}^{(10)} + 6m_{010}^{(11)}m_{201}^{(21)}m_{302}^{(21)} - 6m_{010}^{(11)}m_{201}^{(21)}m_{212}^{(20)} - 6m_{010}^{(11)}m_{201}^{(21)}m_{203}^{(10)}\\
&+6m_{010}^{(11)}m_{201}^{(21)}m_{113}^{(00)} - 3m_{010}^{(11)}m_{201}^{(22)}m_{302}^{(11)} + 6m_{010}^{(11)}m_{201}^{(22)}m_{212}^{(10)} - 3m_{010}^{(11)}m_{201}^{(22)}m_{122}^{(00)}\\
&+3m_{010}^{(11)}m_{102}^{(00)}m_{221}^{(22)} - 6m_{010}^{(11)}m_{102}^{(00)}m_{212}^{(21)} + 3m_{010}^{(11)}m_{102}^{(00)}m_{203}^{(11)} - 6m_{010}^{(11)}m_{102}^{(10)}m_{311}^{(22)}\\
&+6m_{010}^{(11)}m_{102}^{(10)}m_{302}^{(21)} + 6m_{010}^{(11)}m_{102}^{(10)}m_{212}^{(20)} - 6m_{010}^{(11)}m_{102}^{(10)}m_{203}^{(10)} + 3m_{010}^{(11)}m_{102}^{(11)}m_{401}^{(22)}\\
&-6m_{010}^{(11)}m_{102}^{(11)}m_{302}^{(20)} + 3m_{010}^{(11)}m_{102}^{(11)}m_{203}^{(00)} + 6m_{010}^{(11)}m_{102}^{(20)}m_{311}^{(21)} - 6m_{010}^{(11)}m_{102}^{(20)}m_{302}^{(11)}\\
&-6m_{010}^{(11)}m_{102}^{(20)}m_{221}^{(20)} + 6m_{010}^{(11)}m_{102}^{(20)}m_{212}^{(10)} - 6m_{010}^{(11)}m_{102}^{(21)}m_{401}^{(21)} + 6m_{010}^{(11)}m_{102}^{(21)}m_{311}^{(20)}\\
&+6m_{010}^{(11)}m_{102}^{(21)}m_{302}^{(10)} - 6m_{010}^{(11)}m_{102}^{(21)}m_{212}^{(00)} + 3m_{010}^{(11)}m_{102}^{(22)}m_{401}^{(11)} - 6m_{010}^{(11)}m_{102}^{(22)}m_{311}^{(10)}\\
&+3m_{010}^{(11)}m_{102}^{(22)}m_{221}^{(00)} - m_{010}^{(11)}m_{003}^{(00)}m_{320}^{(22)} + 2m_{010}^{(11)}m_{003}^{(00)}m_{311}^{(21)} - m_{010}^{(11)}m_{003}^{(00)}m_{302}^{(11)}\\
&+2m_{010}^{(11)}m_{003}^{(10)}m_{410}^{(22)} - 2m_{010}^{(11)}m_{003}^{(10)}m_{401}^{(21)} - 2m_{010}^{(11)}m_{003}^{(10)}m_{311}^{(20)} + 2m_{010}^{(11)}m_{003}^{(10)}m_{302}^{(10)}\\
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&+2m_{010}^{(11)}m_{003}^{(20)}m_{401}^{(11)} + 2m_{010}^{(11)}m_{003}^{(20)}m_{320}^{(20)} - 2m_{010}^{(11)}m_{003}^{(20)}m_{311}^{(10)} + 2m_{010}^{(11)}m_{003}^{(21)}m_{500}^{(21)}\\
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&+2m_{010}^{(11)}m_{003}^{(22)}m_{410}^{(10)} - m_{010}^{(11)}m_{003}^{(22)}m_{320}^{(00)} + 2m_{010}^{(20)}m_{210}^{(00)}m_{032}^{(22)} - 4m_{010}^{(20)}m_{210}^{(00)}m_{023}^{(21)}\\
&+2m_{010}^{(20)}m_{210}^{(00)}m_{014}^{(11)} - 4m_{010}^{(20)}m_{210}^{(10)}m_{122}^{(22)} + 4m_{010}^{(20)}m_{210}^{(10)}m_{113}^{(21)} + 4m_{010}^{(20)}m_{210}^{(10)}m_{023}^{(20)}\\
&-4m_{010}^{(20)}m_{210}^{(10)}m_{014}^{(10)} + 2m_{010}^{(20)}m_{210}^{(11)}m_{212}^{(22)} - 4m_{010}^{(20)}m_{210}^{(11)}m_{113}^{(20)} + 2m_{010}^{(20)}m_{210}^{(11)}m_{014}^{(00)}\\
&+4m_{010}^{(20)}m_{210}^{(20)}m_{122}^{(21)} - 4m_{010}^{(20)}m_{210}^{(20)}m_{113}^{(11)} - 4m_{010}^{(20)}m_{210}^{(20)}m_{032}^{(20)} + 4m_{010}^{(20)}m_{210}^{(20)}m_{023}^{(10)}
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&-4m_{010}^{(20)}m_{210}^{(21)}m_{212}^{(21)} + 4m_{010}^{(20)}m_{210}^{(21)}m_{122}^{(20)} + 4m_{010}^{(20)}m_{210}^{(21)}m_{113}^{(10)} - 4m_{010}^{(20)}m_{210}^{(21)}m_{023}^{(00)}\\
&+2m_{010}^{(20)}m_{210}^{(22)}m_{212}^{(11)} - 4m_{010}^{(20)}m_{210}^{(22)}m_{122}^{(10)} + 2m_{010}^{(20)}m_{210}^{(22)}m_{032}^{(00)} - 2m_{010}^{(20)}m_{201}^{(00)}m_{041}^{(22)}\\
&+4m_{010}^{(20)}m_{201}^{(00)}m_{032}^{(21)} - 2m_{010}^{(20)}m_{201}^{(00)}m_{023}^{(11)} + 4m_{010}^{(20)}m_{201}^{(10)}m_{131}^{(22)} - 4m_{010}^{(20)}m_{201}^{(10)}m_{122}^{(21)}\\
&-4m_{010}^{(20)}m_{201}^{(10)}m_{032}^{(20)} + 4m_{010}^{(20)}m_{201}^{(10)}m_{023}^{(10)} - 2m_{010}^{(20)}m_{201}^{(11)}m_{221}^{(22)} + 4m_{010}^{(20)}m_{201}^{(11)}m_{122}^{(20)}\\
&-2m_{010}^{(20)}m_{201}^{(11)}m_{023}^{(00)} - 4m_{010}^{(20)}m_{201}^{(20)}m_{131}^{(21)} + 4m_{010}^{(20)}m_{201}^{(20)}m_{122}^{(11)} + 4m_{010}^{(20)}m_{201}^{(20)}m_{041}^{(20)}\\
&-4m_{010}^{(20)}m_{201}^{(20)}m_{032}^{(10)} + 4m_{010}^{(20)}m_{201}^{(21)}m_{221}^{(21)} - 4m_{010}^{(20)}m_{201}^{(21)}m_{131}^{(20)} - 4m_{010}^{(20)}m_{201}^{(21)}m_{122}^{(10)}\\
&+4m_{010}^{(20)}m_{201}^{(21)}m_{032}^{(00)} - 2m_{010}^{(20)}m_{201}^{(22)}m_{221}^{(11)} + 4m_{010}^{(20)}m_{201}^{(22)}m_{131}^{(10)} - 2m_{010}^{(20)}m_{201}^{(22)}m_{041}^{(00)}\\
&-2m_{010}^{(20)}m_{120}^{(00)}m_{122}^{(22)} + 4m_{010}^{(20)}m_{120}^{(00)}m_{113}^{(21)} - 2m_{010}^{(20)}m_{120}^{(00)}m_{104}^{(11)} + 4m_{010}^{(20)}m_{120}^{(10)}m_{212}^{(22)}\\
&-4m_{010}^{(20)}m_{120}^{(10)}m_{203}^{(21)} - 4m_{010}^{(20)}m_{120}^{(10)}m_{113}^{(20)} + 4m_{010}^{(20)}m_{120}^{(10)}m_{104}^{(10)} - 2m_{010}^{(20)}m_{120}^{(11)}m_{302}^{(22)}\\
&+4m_{010}^{(20)}m_{120}^{(11)}m_{203}^{(20)} - 2m_{010}^{(20)}m_{120}^{(11)}m_{104}^{(00)} - 4m_{010}^{(20)}m_{120}^{(20)}m_{212}^{(21)} + 4m_{010}^{(20)}m_{120}^{(20)}m_{203}^{(11)}\\
&+4m_{010}^{(20)}m_{120}^{(20)}m_{122}^{(20)} - 4m_{010}^{(20)}m_{120}^{(20)}m_{113}^{(10)} + 4m_{010}^{(20)}m_{120}^{(21)}m_{302}^{(21)} - 4m_{010}^{(20)}m_{120}^{(21)}m_{212}^{(20)}\\
&-4m_{010}^{(20)}m_{120}^{(21)}m_{203}^{(10)} + 4m_{010}^{(20)}m_{120}^{(21)}m_{113}^{(00)} - 2m_{010}^{(20)}m_{120}^{(22)}m_{302}^{(11)} + 4m_{010}^{(20)}m_{120}^{(22)}m_{212}^{(10)}\\
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&-4m_{010}^{(20)}m_{102}^{(20)}m_{221}^{(11)} - 4m_{010}^{(20)}m_{102}^{(20)}m_{140}^{(20)} + 4m_{010}^{(20)}m_{102}^{(20)}m_{131}^{(10)} - 4m_{010}^{(20)}m_{102}^{(21)}m_{320}^{(21)}\\
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&+2m_{010}^{(20)}m_{021}^{(00)}m_{203}^{(11)} - 4m_{010}^{(20)}m_{021}^{(10)}m_{311}^{(22)} + 4m_{010}^{(20)}m_{021}^{(10)}m_{302}^{(21)} + 4m_{010}^{(20)}m_{021}^{(10)}m_{212}^{(20)}\\
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&+4m_{010}^{(20)}m_{021}^{(20)}m_{311}^{(21)} - 4m_{010}^{(20)}m_{021}^{(20)}m_{302}^{(11)} - 4m_{010}^{(20)}m_{021}^{(20)}m_{221}^{(20)} + 4m_{010}^{(20)}m_{021}^{(20)}m_{212}^{(10)}\\
&-4m_{010}^{(20)}m_{021}^{(21)}m_{401}^{(21)} + 4m_{010}^{(20)}m_{021}^{(21)}m_{311}^{(20)} + 4m_{010}^{(20)}m_{021}^{(21)}m_{302}^{(10)} - 4m_{010}^{(20)}m_{021}^{(21)}m_{212}^{(00)}\\
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&+4m_{010}^{(20)}m_{012}^{(21)}m_{221}^{(00)} - 2m_{010}^{(20)}m_{012}^{(22)}m_{410}^{(11)} + 4m_{010}^{(20)}m_{012}^{(22)}m_{320}^{(10)} - 2m_{010}^{(20)}m_{012}^{(22)}m_{230}^{(00)}\\
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&+4m_{010}^{(21)}m_{300}^{(11)}m_{113}^{(20)} - 2m_{010}^{(21)}m_{300}^{(11)}m_{014}^{(00)} - 4m_{010}^{(21)}m_{300}^{(20)}m_{122}^{(21)} + 4m_{010}^{(21)}m_{300}^{(20)}m_{113}^{(11)}\\
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&-2m_{010}^{(21)}m_{300}^{(22)}m_{032}^{(00)} + 2m_{010}^{(21)}m_{210}^{(00)}m_{122}^{(22)} - 4m_{010}^{(21)}m_{210}^{(00)}m_{113}^{(21)} + 2m_{010}^{(21)}m_{210}^{(00)}m_{104}^{(11)}\\
&-4m_{010}^{(21)}m_{210}^{(10)}m_{212}^{(22)} + 4m_{010}^{(21)}m_{210}^{(10)}m_{203}^{(21)} + 4m_{010}^{(21)}m_{210}^{(10)}m_{113}^{(20)} - 4m_{010}^{(21)}m_{210}^{(10)}m_{104}^{(10)}\\
&+2m_{010}^{(21)}m_{210}^{(11)}m_{302}^{(22)} - 4m_{010}^{(21)}m_{210}^{(11)}m_{203}^{(20)} + 2m_{010}^{(21)}m_{210}^{(11)}m_{104}^{(00)} + 4m_{010}^{(21)}m_{210}^{(20)}m_{212}^{(21)}\\
&-4m_{010}^{(21)}m_{210}^{(20)}m_{203}^{(11)} - 4m_{010}^{(21)}m_{210}^{(20)}m_{122}^{(20)} + 4m_{010}^{(21)}m_{210}^{(20)}m_{113}^{(10)} - 4m_{010}^{(21)}m_{210}^{(21)}m_{302}^{(21)}\\
&+4m_{010}^{(21)}m_{210}^{(21)}m_{212}^{(20)} + 4m_{010}^{(21)}m_{210}^{(21)}m_{203}^{(10)} - 4m_{010}^{(21)}m_{210}^{(21)}m_{113}^{(00)} + 2m_{010}^{(21)}m_{210}^{(22)}m_{302}^{(11)}
\end{aligned}
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\begin{aligned}
&-4m_{010}^{(21)}m_{210}^{(22)}m_{212}^{(10)} + 2m_{010}^{(21)}m_{210}^{(22)}m_{122}^{(00)} + 4m_{010}^{(21)}m_{201}^{(00)}m_{131}^{(22)} - 8m_{010}^{(21)}m_{201}^{(00)}m_{122}^{(21)}\\
&+4m_{010}^{(21)}m_{201}^{(00)}m_{113}^{(11)} - 8m_{010}^{(21)}m_{201}^{(10)}m_{221}^{(22)} + 8m_{010}^{(21)}m_{201}^{(10)}m_{212}^{(21)} + 8m_{010}^{(21)}m_{201}^{(10)}m_{122}^{(20)}\\
&-8m_{010}^{(21)}m_{201}^{(10)}m_{113}^{(10)} + 4m_{010}^{(21)}m_{201}^{(11)}m_{311}^{(22)} - 8m_{010}^{(21)}m_{201}^{(11)}m_{212}^{(20)} + 4m_{010}^{(21)}m_{201}^{(11)}m_{113}^{(00)}\\
&+8m_{010}^{(21)}m_{201}^{(20)}m_{221}^{(21)} - 8m_{010}^{(21)}m_{201}^{(20)}m_{212}^{(11)} - 8m_{010}^{(21)}m_{201}^{(20)}m_{131}^{(20)} + 8m_{010}^{(21)}m_{201}^{(20)}m_{122}^{(10)}\\
&-8m_{010}^{(21)}m_{201}^{(21)}m_{311}^{(21)} + 8m_{010}^{(21)}m_{201}^{(21)}m_{221}^{(20)} + 8m_{010}^{(21)}m_{201}^{(21)}m_{212}^{(10)} - 8m_{010}^{(21)}m_{201}^{(21)}m_{122}^{(00)}\\
&+4m_{010}^{(21)}m_{201}^{(22)}m_{311}^{(11)} - 8m_{010}^{(21)}m_{201}^{(22)}m_{221}^{(10)} + 4m_{010}^{(21)}m_{201}^{(22)}m_{131}^{(00)} - 4m_{010}^{(21)}m_{111}^{(00)}m_{221}^{(22)}\\
&+8m_{010}^{(21)}m_{111}^{(00)}m_{212}^{(21)} - 4m_{010}^{(21)}m_{111}^{(00)}m_{203}^{(11)} + 8m_{010}^{(21)}m_{111}^{(10)}m_{311}^{(22)} - 8m_{010}^{(21)}m_{111}^{(10)}m_{302}^{(21)}\\
&-8m_{010}^{(21)}m_{111}^{(10)}m_{212}^{(20)} + 8m_{010}^{(21)}m_{111}^{(10)}m_{203}^{(10)} - 4m_{010}^{(21)}m_{111}^{(11)}m_{401}^{(22)} + 8m_{010}^{(21)}m_{111}^{(11)}m_{302}^{(20)}\\
&-4m_{010}^{(21)}m_{111}^{(11)}m_{203}^{(00)} - 8m_{010}^{(21)}m_{111}^{(20)}m_{311}^{(21)} + 8m_{010}^{(21)}m_{111}^{(20)}m_{302}^{(11)} + 8m_{010}^{(21)}m_{111}^{(20)}m_{221}^{(20)}\\
&-8m_{010}^{(21)}m_{111}^{(20)}m_{212}^{(10)} + 8m_{010}^{(21)}m_{111}^{(21)}m_{401}^{(21)} - 8m_{010}^{(21)}m_{111}^{(21)}m_{311}^{(20)} - 8m_{010}^{(21)}m_{111}^{(21)}m_{302}^{(10)}\\
&+8m_{010}^{(21)}m_{111}^{(21)}m_{212}^{(00)} - 4m_{010}^{(21)}m_{111}^{(22)}m_{401}^{(11)} + 8m_{010}^{(21)}m_{111}^{(22)}m_{311}^{(10)} - 4m_{010}^{(21)}m_{111}^{(22)}m_{221}^{(00)}\\
&-2m_{010}^{(21)}m_{102}^{(00)}m_{230}^{(22)} + 4m_{010}^{(21)}m_{102}^{(00)}m_{221}^{(21)} - 2m_{010}^{(21)}m_{102}^{(00)}m_{212}^{(11)} + 4m_{010}^{(21)}m_{102}^{(10)}m_{320}^{(22)}\\
&-4m_{010}^{(21)}m_{102}^{(10)}m_{311}^{(21)} - 4m_{010}^{(21)}m_{102}^{(10)}m_{221}^{(20)} + 4m_{010}^{(21)}m_{102}^{(10)}m_{212}^{(10)} - 2m_{010}^{(21)}m_{102}^{(11)}m_{410}^{(22)}\\
&+4m_{010}^{(21)}m_{102}^{(11)}m_{311}^{(20)} - 2m_{010}^{(21)}m_{102}^{(11)}m_{212}^{(00)} - 4m_{010}^{(21)}m_{102}^{(20)}m_{320}^{(21)} + 4m_{010}^{(21)}m_{102}^{(20)}m_{311}^{(11)}\\
&+4m_{010}^{(21)}m_{102}^{(20)}m_{230}^{(20)} - 4m_{010}^{(21)}m_{102}^{(20)}m_{221}^{(10)} + 4m_{010}^{(21)}m_{102}^{(21)}m_{410}^{(21)} - 4m_{010}^{(21)}m_{102}^{(21)}m_{320}^{(20)}\\
&-4m_{010}^{(21)}m_{102}^{(21)}m_{311}^{(10)} + 4m_{010}^{(21)}m_{102}^{(21)}m_{221}^{(00)} - 2m_{010}^{(21)}m_{102}^{(22)}m_{410}^{(11)} + 4m_{010}^{(21)}m_{102}^{(22)}m_{320}^{(10)}\\
&-2m_{010}^{(21)}m_{102}^{(22)}m_{230}^{(00)} + 2m_{010}^{(21)}m_{012}^{(00)}m_{320}^{(22)} - 4m_{010}^{(21)}m_{012}^{(00)}m_{311}^{(21)} + 2m_{010}^{(21)}m_{012}^{(00)}m_{302}^{(11)}\\
&-4m_{010}^{(21)}m_{012}^{(10)}m_{410}^{(22)} + 4m_{010}^{(21)}m_{012}^{(10)}m_{401}^{(21)} + 4m_{010}^{(21)}m_{012}^{(10)}m_{311}^{(20)} - 4m_{010}^{(21)}m_{012}^{(10)}m_{302}^{(10)}\\
&+2m_{010}^{(21)}m_{012}^{(11)}m_{500}^{(22)} - 4m_{010}^{(21)}m_{012}^{(11)}m_{401}^{(20)} + 2m_{010}^{(21)}m_{012}^{(11)}m_{302}^{(00)} + 4m_{010}^{(21)}m_{012}^{(20)}m_{410}^{(21)}\\
&-4m_{010}^{(21)}m_{012}^{(20)}m_{401}^{(11)} - 4m_{010}^{(21)}m_{012}^{(20)}m_{320}^{(20)} + 4m_{010}^{(21)}m_{012}^{(20)}m_{311}^{(10)} - 4m_{010}^{(21)}m_{012}^{(21)}m_{500}^{(21)}\\
&+4m_{010}^{(21)}m_{012}^{(21)}m_{410}^{(20)} + 4m_{010}^{(21)}m_{012}^{(21)}m_{401}^{(10)} - 4m_{010}^{(21)}m_{012}^{(21)}m_{311}^{(00)} + 2m_{010}^{(21)}m_{012}^{(22)}m_{500}^{(11)}\\
&-4m_{010}^{(21)}m_{012}^{(22)}m_{410}^{(10)} + 2m_{010}^{(21)}m_{012}^{(22)}m_{320}^{(00)} + m_{010}^{(22)}m_{300}^{(00)}m_{041}^{(22)} - 2m_{010}^{(22)}m_{300}^{(00)}m_{032}^{(21)}\\
&+m_{010}^{(22)}m_{300}^{(00)}m_{023}^{(11)} - 2m_{010}^{(22)}m_{300}^{(10)}m_{131}^{(22)} + 2m_{010}^{(22)}m_{300}^{(10)}m_{122}^{(21)} + 2m_{010}^{(22)}m_{300}^{(10)}m_{032}^{(20)}\\
&-2m_{010}^{(22)}m_{300}^{(10)}m_{023}^{(10)} + m_{010}^{(22)}m_{300}^{(11)}m_{221}^{(22)} - 2m_{010}^{(22)}m_{300}^{(11)}m_{122}^{(20)} + m_{010}^{(22)}m_{300}^{(11)}m_{023}^{(00)}\\
&+2m_{010}^{(22)}m_{300}^{(20)}m_{131}^{(21)} - 2m_{010}^{(22)}m_{300}^{(20)}m_{122}^{(11)} - 2m_{010}^{(22)}m_{300}^{(20)}m_{041}^{(20)} + 2m_{010}^{(22)}m_{300}^{(20)}m_{032}^{(10)}\\
&-2m_{010}^{(22)}m_{300}^{(21)}m_{221}^{(21)} + 2m_{010}^{(22)}m_{300}^{(21)}m_{131}^{(20)} + 2m_{010}^{(22)}m_{300}^{(21)}m_{122}^{(10)} - 2m_{010}^{(22)}m_{300}^{(21)}m_{032}^{(00)}\\
&+m_{010}^{(22)}m_{300}^{(22)}m_{221}^{(11)} - 2m_{010}^{(22)}m_{300}^{(22)}m_{131}^{(10)} + m_{010}^{(22)}m_{300}^{(22)}m_{041}^{(00)} - 2m_{010}^{(22)}m_{210}^{(00)}m_{131}^{(22)}\\
&+4m_{010}^{(22)}m_{210}^{(00)}m_{122}^{(21)} - 2m_{010}^{(22)}m_{210}^{(00)}m_{113}^{(11)} + 4m_{010}^{(22)}m_{210}^{(10)}m_{221}^{(22)} - 4m_{010}^{(22)}m_{210}^{(10)}m_{212}^{(21)}\\
&-4m_{010}^{(22)}m_{210}^{(10)}m_{122}^{(20)} + 4m_{010}^{(22)}m_{210}^{(10)}m_{113}^{(10)} - 2m_{010}^{(22)}m_{210}^{(11)}m_{311}^{(22)} + 4m_{010}^{(22)}m_{210}^{(11)}m_{212}^{(20)}\\
&-2m_{010}^{(22)}m_{210}^{(11)}m_{113}^{(00)} - 4m_{010}^{(22)}m_{210}^{(20)}m_{221}^{(21)} + 4m_{010}^{(22)}m_{210}^{(20)}m_{212}^{(11)} + 4m_{010}^{(22)}m_{210}^{(20)}m_{131}^{(20)}\\
&-4m_{010}^{(22)}m_{210}^{(20)}m_{122}^{(10)} + 4m_{010}^{(22)}m_{210}^{(21)}m_{311}^{(21)} - 4m_{010}^{(22)}m_{210}^{(21)}m_{221}^{(20)} - 4m_{010}^{(22)}m_{210}^{(21)}m_{212}^{(10)}\\
&+4m_{010}^{(22)}m_{210}^{(21)}m_{122}^{(00)} - 2m_{010}^{(22)}m_{210}^{(22)}m_{311}^{(11)} + 4m_{010}^{(22)}m_{210}^{(22)}m_{221}^{(10)} - 2m_{010}^{(22)}m_{210}^{(22)}m_{131}^{(00)}\\
&-m_{010}^{(22)}m_{201}^{(00)}m_{140}^{(22)} + 2m_{010}^{(22)}m_{201}^{(00)}m_{131}^{(21)} - m_{010}^{(22)}m_{201}^{(00)}m_{122}^{(11)} + 2m_{010}^{(22)}m_{201}^{(10)}m_{230}^{(22)}\\
&-2m_{010}^{(22)}m_{201}^{(10)}m_{221}^{(21)} - 2m_{010}^{(22)}m_{201}^{(10)}m_{131}^{(20)} + 2m_{010}^{(22)}m_{201}^{(10)}m_{122}^{(10)} - m_{010}^{(22)}m_{201}^{(11)}m_{320}^{(22)}\\
&+2m_{010}^{(22)}m_{201}^{(11)}m_{221}^{(20)} - m_{010}^{(22)}m_{201}^{(11)}m_{122}^{(00)} - 2m_{010}^{(22)}m_{201}^{(20)}m_{230}^{(21)} + 2m_{010}^{(22)}m_{201}^{(20)}m_{221}^{(11)}\\
&+2m_{010}^{(22)}m_{201}^{(20)}m_{140}^{(20)} - 2m_{010}^{(22)}m_{201}^{(20)}m_{131}^{(10)} + 2m_{010}^{(22)}m_{201}^{(21)}m_{320}^{(21)} - 2m_{010}^{(22)}m_{201}^{(21)}m_{230}^{(20)}\\
&-2m_{010}^{(22)}m_{201}^{(21)}m_{221}^{(10)} + 2m_{010}^{(22)}m_{201}^{(21)}m_{131}^{(00)} - m_{010}^{(22)}m_{201}^{(22)}m_{320}^{(11)} + 2m_{010}^{(22)}m_{201}^{(22)}m_{230}^{(10)}\\
&-m_{010}^{(22)}m_{201}^{(22)}m_{140}^{(00)} + m_{010}^{(22)}m_{120}^{(00)}m_{221}^{(22)} - 2m_{010}^{(22)}m_{120}^{(00)}m_{212}^{(21)} + m_{010}^{(22)}m_{120}^{(00)}m_{203}^{(11)}
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\begin{aligned}
&-2m_{010}^{(22)}m_{120}^{(10)}m_{311}^{(22)}+2m_{010}^{(22)}m_{120}^{(10)}m_{302}^{(21)}+2m_{010}^{(22)}m_{120}^{(10)}m_{212}^{(20)}-2m_{010}^{(22)}m_{120}^{(10)}m_{203}^{(10)}\\
&+m_{010}^{(22)}m_{120}^{(11)}m_{401}^{(22)}-2m_{010}^{(22)}m_{120}^{(11)}m_{302}^{(20)}+m_{010}^{(22)}m_{120}^{(11)}m_{203}^{(00)}+2m_{010}^{(22)}m_{120}^{(20)}m_{311}^{(21)}\\
&-2m_{010}^{(22)}m_{120}^{(20)}m_{302}^{(11)}-2m_{010}^{(22)}m_{120}^{(20)}m_{221}^{(20)}+2m_{010}^{(22)}m_{120}^{(20)}m_{212}^{(10)}-2m_{010}^{(22)}m_{120}^{(21)}m_{401}^{(21)}\\
&+2m_{010}^{(22)}m_{120}^{(21)}m_{311}^{(20)}+2m_{010}^{(22)}m_{120}^{(21)}m_{302}^{(10)}-2m_{010}^{(22)}m_{120}^{(21)}m_{212}^{(00)}+m_{010}^{(22)}m_{120}^{(22)}m_{401}^{(11)}\\
&-2m_{010}^{(22)}m_{120}^{(22)}m_{311}^{(10)}+m_{010}^{(22)}m_{120}^{(22)}m_{221}^{(00)}+2m_{010}^{(22)}m_{111}^{(00)}m_{230}^{(22)}-4m_{010}^{(22)}m_{111}^{(00)}m_{221}^{(21)}\\
&+2m_{010}^{(22)}m_{111}^{(00)}m_{212}^{(11)}-4m_{010}^{(22)}m_{111}^{(10)}m_{320}^{(22)}+4m_{010}^{(22)}m_{111}^{(10)}m_{311}^{(21)}+4m_{010}^{(22)}m_{111}^{(10)}m_{221}^{(20)}\\
&-4m_{010}^{(22)}m_{111}^{(10)}m_{212}^{(10)}+2m_{010}^{(22)}m_{111}^{(11)}m_{410}^{(22)}-4m_{010}^{(22)}m_{111}^{(11)}m_{311}^{(20)}+2m_{010}^{(22)}m_{111}^{(11)}m_{212}^{(00)}\\
&+4m_{010}^{(22)}m_{111}^{(20)}m_{320}^{(21)}-4m_{010}^{(22)}m_{111}^{(20)}m_{311}^{(11)}-4m_{010}^{(22)}m_{111}^{(20)}m_{230}^{(20)}+4m_{010}^{(22)}m_{111}^{(20)}m_{221}^{(10)}\\
&-4m_{010}^{(22)}m_{111}^{(21)}m_{410}^{(21)}+4m_{010}^{(22)}m_{111}^{(21)}m_{320}^{(20)}+4m_{010}^{(22)}m_{111}^{(21)}m_{311}^{(10)}-4m_{010}^{(22)}m_{111}^{(21)}m_{221}^{(00)}\\
&+2m_{010}^{(22)}m_{111}^{(22)}m_{410}^{(11)}-4m_{010}^{(22)}m_{111}^{(22)}m_{320}^{(10)}+2m_{010}^{(22)}m_{111}^{(22)}m_{230}^{(00)}-m_{010}^{(22)}m_{021}^{(00)}m_{320}^{(22)}\\
&+2m_{010}^{(22)}m_{021}^{(00)}m_{311}^{(21)}-m_{010}^{(22)}m_{021}^{(00)}m_{302}^{(11)}+2m_{010}^{(22)}m_{021}^{(10)}m_{410}^{(22)}-2m_{010}^{(22)}m_{021}^{(10)}m_{401}^{(21)}\\
&-2m_{010}^{(22)}m_{021}^{(10)}m_{311}^{(20)}+2m_{010}^{(22)}m_{021}^{(10)}m_{302}^{(10)}-m_{010}^{(22)}m_{021}^{(11)}m_{500}^{(22)}+2m_{010}^{(22)}m_{021}^{(11)}m_{401}^{(20)}\\
&-m_{010}^{(22)}m_{021}^{(11)}m_{302}^{(00)}-2m_{010}^{(22)}m_{021}^{(20)}m_{410}^{(21)}+2m_{010}^{(22)}m_{021}^{(20)}m_{401}^{(11)}+2m_{010}^{(22)}m_{021}^{(20)}m_{320}^{(20)}\\
&-2m_{010}^{(22)}m_{021}^{(20)}m_{311}^{(10)}+2m_{010}^{(22)}m_{021}^{(21)}m_{500}^{(21)}-2m_{010}^{(22)}m_{021}^{(21)}m_{410}^{(20)}-2m_{010}^{(22)}m_{021}^{(21)}m_{401}^{(10)}\\
&+2m_{010}^{(22)}m_{021}^{(21)}m_{311}^{(00)}-m_{010}^{(22)}m_{021}^{(22)}m_{500}^{(11)}+2m_{010}^{(22)}m_{021}^{(22)}m_{410}^{(10)}-m_{010}^{(22)}m_{021}^{(22)}m_{320}^{(00)}\\
&-m_{001}^{(00)}m_{120}^{(00)}m_{032}^{(22)}+2m_{001}^{(00)}m_{120}^{(00)}m_{023}^{(21)}-m_{001}^{(00)}m_{120}^{(00)}m_{014}^{(11)}+2m_{001}^{(00)}m_{120}^{(10)}m_{122}^{(22)}\\
&-2m_{001}^{(00)}m_{120}^{(10)}m_{113}^{(21)}-2m_{001}^{(00)}m_{120}^{(10)}m_{023}^{(20)}+2m_{001}^{(00)}m_{120}^{(10)}m_{014}^{(10)}-m_{001}^{(00)}m_{120}^{(11)}m_{212}^{(22)}\\
&+2m_{001}^{(00)}m_{120}^{(11)}m_{113}^{(20)}-m_{001}^{(00)}m_{120}^{(11)}m_{014}^{(00)}-2m_{001}^{(00)}m_{120}^{(20)}m_{122}^{(21)}+2m_{001}^{(00)}m_{120}^{(20)}m_{113}^{(11)}\\
&+2m_{001}^{(00)}m_{120}^{(20)}m_{032}^{(20)}-2m_{001}^{(00)}m_{120}^{(20)}m_{023}^{(10)}+2m_{001}^{(00)}m_{120}^{(21)}m_{212}^{(21)}-2m_{001}^{(00)}m_{120}^{(21)}m_{122}^{(20)}\\
&-2m_{001}^{(00)}m_{120}^{(21)}m_{113}^{(10)}+2m_{001}^{(00)}m_{120}^{(21)}m_{023}^{(00)}-m_{001}^{(00)}m_{120}^{(22)}m_{212}^{(11)}+2m_{001}^{(00)}m_{120}^{(22)}m_{122}^{(10)}\\
&-m_{001}^{(00)}m_{120}^{(22)}m_{032}^{(00)}+2m_{001}^{(00)}m_{111}^{(00)}m_{041}^{(22)}-4m_{001}^{(00)}m_{111}^{(00)}m_{032}^{(21)}+2m_{001}^{(00)}m_{111}^{(00)}m_{023}^{(11)}\\
&-4m_{001}^{(00)}m_{111}^{(10)}m_{131}^{(22)}+4m_{001}^{(00)}m_{111}^{(10)}m_{122}^{(21)}+4m_{001}^{(00)}m_{111}^{(10)}m_{032}^{(20)}-4m_{001}^{(00)}m_{111}^{(10)}m_{023}^{(10)}\\
&+2m_{001}^{(00)}m_{111}^{(11)}m_{221}^{(22)}-4m_{001}^{(00)}m_{111}^{(11)}m_{122}^{(20)}+2m_{001}^{(00)}m_{111}^{(11)}m_{023}^{(00)}+4m_{001}^{(00)}m_{111}^{(20)}m_{131}^{(21)}\\
&-4m_{001}^{(00)}m_{111}^{(20)}m_{122}^{(11)}-4m_{001}^{(00)}m_{111}^{(20)}m_{041}^{(20)}+4m_{001}^{(00)}m_{111}^{(20)}m_{032}^{(10)}-4m_{001}^{(00)}m_{111}^{(21)}m_{221}^{(21)}\\
&+4m_{001}^{(00)}m_{111}^{(21)}m_{131}^{(20)}+4m_{001}^{(00)}m_{111}^{(21)}m_{122}^{(10)}-4m_{001}^{(00)}m_{111}^{(21)}m_{032}^{(00)}+2m_{001}^{(00)}m_{111}^{(22)}m_{221}^{(11)}\\
&-4m_{001}^{(00)}m_{111}^{(22)}m_{131}^{(10)}+2m_{001}^{(00)}m_{111}^{(22)}m_{041}^{(00)}-m_{001}^{(00)}m_{102}^{(00)}m_{050}^{(22)}+2m_{001}^{(00)}m_{102}^{(00)}m_{041}^{(21)}\\
&-m_{001}^{(00)}m_{102}^{(00)}m_{032}^{(11)}+2m_{001}^{(00)}m_{102}^{(10)}m_{140}^{(22)}-2m_{001}^{(00)}m_{102}^{(10)}m_{131}^{(21)}-2m_{001}^{(00)}m_{102}^{(10)}m_{041}^{(20)}\\
&+2m_{001}^{(00)}m_{102}^{(10)}m_{032}^{(10)}-m_{001}^{(00)}m_{102}^{(11)}m_{230}^{(22)}+2m_{001}^{(00)}m_{102}^{(11)}m_{131}^{(20)}-m_{001}^{(00)}m_{102}^{(11)}m_{032}^{(00)}\\
&-2m_{001}^{(00)}m_{102}^{(20)}m_{140}^{(21)}+2m_{001}^{(00)}m_{102}^{(20)}m_{131}^{(11)}+2m_{001}^{(00)}m_{102}^{(20)}m_{050}^{(20)}-2m_{001}^{(00)}m_{102}^{(20)}m_{041}^{(10)}\\
&+2m_{001}^{(00)}m_{102}^{(21)}m_{230}^{(21)}-2m_{001}^{(00)}m_{102}^{(21)}m_{140}^{(20)}-2m_{001}^{(00)}m_{102}^{(21)}m_{131}^{(10)}+2m_{001}^{(00)}m_{102}^{(21)}m_{041}^{(00)}\\
&-m_{001}^{(00)}m_{102}^{(22)}m_{230}^{(11)}+2m_{001}^{(00)}m_{102}^{(22)}m_{140}^{(10)}-m_{001}^{(00)}m_{102}^{(22)}m_{050}^{(00)}+m_{001}^{(00)}m_{030}^{(00)}m_{122}^{(22)}\\
&-2m_{001}^{(00)}m_{030}^{(00)}m_{113}^{(21)}+m_{001}^{(00)}m_{030}^{(00)}m_{104}^{(11)}-2m_{001}^{(00)}m_{030}^{(10)}m_{212}^{(22)}+2m_{001}^{(00)}m_{030}^{(10)}m_{203}^{(21)}\\
&+2m_{001}^{(00)}m_{030}^{(10)}m_{113}^{(20)}-2m_{001}^{(00)}m_{030}^{(10)}m_{104}^{(10)}+m_{001}^{(00)}m_{030}^{(11)}m_{302}^{(22)}-2m_{001}^{(00)}m_{030}^{(11)}m_{203}^{(20)}\\
&+m_{001}^{(00)}m_{030}^{(11)}m_{104}^{(00)}+2m_{001}^{(00)}m_{030}^{(20)}m_{212}^{(21)}-2m_{001}^{(00)}m_{030}^{(20)}m_{203}^{(11)}-2m_{001}^{(00)}m_{030}^{(20)}m_{122}^{(20)}\\
&+2m_{001}^{(00)}m_{030}^{(20)}m_{113}^{(10)}-2m_{001}^{(00)}m_{030}^{(21)}m_{302}^{(21)}+2m_{001}^{(00)}m_{030}^{(21)}m_{212}^{(20)}+2m_{001}^{(00)}m_{030}^{(21)}m_{203}^{(10)}\\
&-2m_{001}^{(00)}m_{030}^{(21)}m_{113}^{(00)}+m_{001}^{(00)}m_{030}^{(22)}m_{302}^{(11)}-2m_{001}^{(00)}m_{030}^{(22)}m_{212}^{(10)}+m_{001}^{(00)}m_{030}^{(22)}m_{122}^{(00)}\\
&-2m_{001}^{(00)}m_{021}^{(00)}m_{131}^{(22)}+4m_{001}^{(00)}m_{021}^{(00)}m_{122}^{(21)}-2m_{001}^{(00)}m_{021}^{(00)}m_{113}^{(11)}+4m_{001}^{(00)}m_{021}^{(10)}m_{221}^{(22)}\\
&-4m_{001}^{(00)}m_{021}^{(10)}m_{212}^{(21)}-4m_{001}^{(00)}m_{021}^{(10)}m_{122}^{(20)}+4m_{001}^{(00)}m_{021}^{(10)}m_{113}^{(10)}-2m_{001}^{(00)}m_{021}^{(11)}m_{311}^{(22)}
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\begin{aligned}
&+4m_{001}^{(00)}m_{021}^{(11)}m_{212}^{(20)} - 2m_{001}^{(00)}m_{021}^{(11)}m_{113}^{(00)} - 4m_{001}^{(00)}m_{021}^{(20)}m_{221}^{(21)} + 4m_{001}^{(00)}m_{021}^{(20)}m_{212}^{(11)}\\
&+4m_{001}^{(00)}m_{021}^{(20)}m_{131}^{(20)} - 4m_{001}^{(00)}m_{021}^{(20)}m_{122}^{(10)} + 4m_{001}^{(00)}m_{021}^{(21)}m_{311}^{(21)} - 4m_{001}^{(00)}m_{021}^{(21)}m_{221}^{(20)}\\
&-4m_{001}^{(00)}m_{021}^{(21)}m_{212}^{(10)} + 4m_{001}^{(00)}m_{021}^{(21)}m_{122}^{(00)} - 2m_{001}^{(00)}m_{021}^{(22)}m_{311}^{(11)} + 4m_{001}^{(00)}m_{021}^{(22)}m_{221}^{(10)}\\
&-2m_{001}^{(00)}m_{021}^{(22)}m_{131}^{(00)} + m_{001}^{(00)}m_{012}^{(00)}m_{140}^{(22)} - 2m_{001}^{(00)}m_{012}^{(00)}m_{131}^{(21)} + m_{001}^{(00)}m_{012}^{(00)}m_{122}^{(11)}\\
&-2m_{001}^{(00)}m_{012}^{(10)}m_{230}^{(22)} + 2m_{001}^{(00)}m_{012}^{(10)}m_{221}^{(21)} + 2m_{001}^{(00)}m_{012}^{(10)}m_{131}^{(20)} - 2m_{001}^{(00)}m_{012}^{(10)}m_{122}^{(10)}\\
&+m_{001}^{(00)}m_{012}^{(11)}m_{320}^{(22)} - 2m_{001}^{(00)}m_{012}^{(11)}m_{221}^{(20)} + m_{001}^{(00)}m_{012}^{(11)}m_{122}^{(00)} + 2m_{001}^{(00)}m_{012}^{(20)}m_{230}^{(21)}\\
&-2m_{001}^{(00)}m_{012}^{(20)}m_{221}^{(11)} - 2m_{001}^{(00)}m_{012}^{(20)}m_{140}^{(20)} + 2m_{001}^{(00)}m_{012}^{(20)}m_{131}^{(10)} - 2m_{001}^{(00)}m_{012}^{(21)}m_{320}^{(21)}\\
&+2m_{001}^{(00)}m_{012}^{(21)}m_{230}^{(20)} + 2m_{001}^{(00)}m_{012}^{(21)}m_{221}^{(10)} - 2m_{001}^{(00)}m_{012}^{(21)}m_{131}^{(00)} + m_{001}^{(00)}m_{012}^{(22)}m_{320}^{(11)}\\
&-2m_{001}^{(00)}m_{012}^{(22)}m_{230}^{(10)} + m_{001}^{(00)}m_{012}^{(22)}m_{140}^{(00)} + 2m_{001}^{(10)}m_{210}^{(00)}m_{032}^{(22)} - 4m_{001}^{(10)}m_{210}^{(00)}m_{023}^{(21)}\\
&+2m_{001}^{(10)}m_{210}^{(00)}m_{014}^{(11)} - 4m_{001}^{(10)}m_{210}^{(10)}m_{122}^{(22)} + 4m_{001}^{(10)}m_{210}^{(10)}m_{113}^{(21)} + 4m_{001}^{(10)}m_{210}^{(10)}m_{023}^{(20)}\\
&-4m_{001}^{(10)}m_{210}^{(10)}m_{014}^{(10)} + 2m_{001}^{(10)}m_{210}^{(11)}m_{212}^{(22)} - 4m_{001}^{(10)}m_{210}^{(11)}m_{113}^{(20)} + 2m_{001}^{(10)}m_{210}^{(11)}m_{014}^{(00)}\\
&+4m_{001}^{(10)}m_{210}^{(20)}m_{122}^{(21)} - 4m_{001}^{(10)}m_{210}^{(20)}m_{113}^{(11)} - 4m_{001}^{(10)}m_{210}^{(20)}m_{032}^{(20)} + 4m_{001}^{(10)}m_{210}^{(20)}m_{023}^{(10)}\\
&-4m_{001}^{(10)}m_{210}^{(21)}m_{212}^{(21)} + 4m_{001}^{(10)}m_{210}^{(21)}m_{122}^{(20)} + 4m_{001}^{(10)}m_{210}^{(21)}m_{113}^{(10)} - 4m_{001}^{(10)}m_{210}^{(21)}m_{023}^{(00)}\\
&+2m_{001}^{(10)}m_{210}^{(22)}m_{212}^{(11)} - 4m_{001}^{(10)}m_{210}^{(22)}m_{122}^{(10)} + 2m_{001}^{(10)}m_{210}^{(22)}m_{032}^{(00)} - 2m_{001}^{(10)}m_{201}^{(00)}m_{041}^{(22)}\\
&+4m_{001}^{(10)}m_{201}^{(00)}m_{032}^{(21)} - 2m_{001}^{(10)}m_{201}^{(00)}m_{023}^{(11)} + 4m_{001}^{(10)}m_{201}^{(10)}m_{131}^{(22)} - 4m_{001}^{(10)}m_{201}^{(10)}m_{122}^{(21)}\\
&-4m_{001}^{(10)}m_{201}^{(10)}m_{032}^{(20)} + 4m_{001}^{(10)}m_{201}^{(10)}m_{023}^{(10)} - 2m_{001}^{(10)}m_{201}^{(11)}m_{221}^{(22)} + 4m_{001}^{(10)}m_{201}^{(11)}m_{122}^{(20)}\\
&-2m_{001}^{(10)}m_{201}^{(11)}m_{023}^{(00)} - 4m_{001}^{(10)}m_{201}^{(20)}m_{131}^{(21)} + 4m_{001}^{(10)}m_{201}^{(20)}m_{122}^{(11)} + 4m_{001}^{(10)}m_{201}^{(20)}m_{041}^{(20)}\\
&-4m_{001}^{(10)}m_{201}^{(20)}m_{032}^{(10)} + 4m_{001}^{(10)}m_{201}^{(21)}m_{221}^{(21)} - 4m_{001}^{(10)}m_{201}^{(21)}m_{131}^{(20)} - 4m_{001}^{(10)}m_{201}^{(21)}m_{122}^{(10)}\\
&+4m_{001}^{(10)}m_{201}^{(21)}m_{032}^{(00)} - 2m_{001}^{(10)}m_{201}^{(22)}m_{221}^{(11)} + 4m_{001}^{(10)}m_{201}^{(22)}m_{131}^{(10)} - 2m_{001}^{(10)}m_{201}^{(22)}m_{041}^{(00)}\\
&-2m_{001}^{(10)}m_{120}^{(00)}m_{122}^{(22)} + 4m_{001}^{(10)}m_{120}^{(00)}m_{113}^{(21)} - 2m_{001}^{(10)}m_{120}^{(00)}m_{104}^{(11)} + 4m_{001}^{(10)}m_{120}^{(10)}m_{212}^{(22)}\\
&-4m_{001}^{(10)}m_{120}^{(10)}m_{203}^{(21)} - 4m_{001}^{(10)}m_{120}^{(10)}m_{113}^{(20)} + 4m_{001}^{(10)}m_{120}^{(10)}m_{104}^{(10)} - 2m_{001}^{(10)}m_{120}^{(11)}m_{302}^{(22)}\\
&+4m_{001}^{(10)}m_{120}^{(11)}m_{203}^{(20)} - 2m_{001}^{(10)}m_{120}^{(11)}m_{104}^{(00)} - 4m_{001}^{(10)}m_{120}^{(20)}m_{212}^{(21)} + 4m_{001}^{(10)}m_{120}^{(20)}m_{203}^{(11)}\\
&+4m_{001}^{(10)}m_{120}^{(20)}m_{122}^{(20)} - 4m_{001}^{(10)}m_{120}^{(20)}m_{113}^{(10)} + 4m_{001}^{(10)}m_{120}^{(21)}m_{302}^{(21)} - 4m_{001}^{(10)}m_{120}^{(21)}m_{212}^{(20)}\\
&-4m_{001}^{(10)}m_{120}^{(21)}m_{203}^{(10)} + 4m_{001}^{(10)}m_{120}^{(21)}m_{113}^{(00)} - 2m_{001}^{(10)}m_{120}^{(22)}m_{302}^{(11)} + 4m_{001}^{(10)}m_{120}^{(22)}m_{212}^{(10)}\\
&-2m_{001}^{(10)}m_{120}^{(22)}m_{122}^{(00)} + 2m_{001}^{(10)}m_{102}^{(00)}m_{140}^{(22)} - 4m_{001}^{(10)}m_{102}^{(00)}m_{131}^{(21)} + 2m_{001}^{(10)}m_{102}^{(00)}m_{122}^{(11)}\\
&-4m_{001}^{(10)}m_{102}^{(10)}m_{230}^{(22)} + 4m_{001}^{(10)}m_{102}^{(10)}m_{221}^{(21)} + 4m_{001}^{(10)}m_{102}^{(10)}m_{131}^{(20)} - 4m_{001}^{(10)}m_{102}^{(10)}m_{122}^{(10)}\\
&+2m_{001}^{(10)}m_{102}^{(11)}m_{320}^{(22)} - 4m_{001}^{(10)}m_{102}^{(11)}m_{221}^{(20)} + 2m_{001}^{(10)}m_{102}^{(11)}m_{122}^{(00)} + 4m_{001}^{(10)}m_{102}^{(20)}m_{230}^{(21)}\\
&-4m_{001}^{(10)}m_{102}^{(20)}m_{221}^{(11)} - 4m_{001}^{(10)}m_{102}^{(20)}m_{140}^{(20)} + 4m_{001}^{(10)}m_{102}^{(20)}m_{131}^{(10)} - 4m_{001}^{(10)}m_{102}^{(21)}m_{320}^{(21)}\\
&+4m_{001}^{(10)}m_{102}^{(21)}m_{230}^{(20)} + 4m_{001}^{(10)}m_{102}^{(21)}m_{221}^{(10)} - 4m_{001}^{(10)}m_{102}^{(21)}m_{131}^{(00)} + 2m_{001}^{(10)}m_{102}^{(22)}m_{320}^{(11)}\\
&-4m_{001}^{(10)}m_{102}^{(22)}m_{230}^{(10)} + 2m_{001}^{(10)}m_{102}^{(22)}m_{140}^{(00)} + 2m_{001}^{(10)}m_{021}^{(00)}m_{221}^{(22)} - 4m_{001}^{(10)}m_{021}^{(00)}m_{212}^{(21)}\\
&+2m_{001}^{(10)}m_{021}^{(00)}m_{203}^{(11)} - 4m_{001}^{(10)}m_{021}^{(10)}m_{311}^{(22)} + 4m_{001}^{(10)}m_{021}^{(10)}m_{302}^{(21)} + 4m_{001}^{(10)}m_{021}^{(10)}m_{212}^{(20)}\\
&-4m_{001}^{(10)}m_{021}^{(10)}m_{203}^{(10)} + 2m_{001}^{(10)}m_{021}^{(11)}m_{401}^{(22)} - 4m_{001}^{(10)}m_{021}^{(11)}m_{302}^{(20)} + 2m_{001}^{(10)}m_{021}^{(11)}m_{203}^{(00)}\\
&+4m_{001}^{(10)}m_{021}^{(20)}m_{311}^{(21)} - 4m_{001}^{(10)}m_{021}^{(20)}m_{302}^{(11)} - 4m_{001}^{(10)}m_{021}^{(20)}m_{221}^{(20)} + 4m_{001}^{(10)}m_{021}^{(20)}m_{212}^{(10)}\\
&-4m_{001}^{(10)}m_{021}^{(21)}m_{401}^{(21)} + 4m_{001}^{(10)}m_{021}^{(21)}m_{311}^{(20)} + 4m_{001}^{(10)}m_{021}^{(21)}m_{302}^{(10)} - 4m_{001}^{(10)}m_{021}^{(21)}m_{212}^{(00)}\\
&+2m_{001}^{(10)}m_{021}^{(22)}m_{401}^{(11)} - 4m_{001}^{(10)}m_{021}^{(22)}m_{311}^{(10)} + 2m_{001}^{(10)}m_{021}^{(22)}m_{221}^{(00)} - 2m_{001}^{(10)}m_{012}^{(00)}m_{230}^{(22)}\\
&+4m_{001}^{(10)}m_{012}^{(00)}m_{221}^{(21)} - 2m_{001}^{(10)}m_{012}^{(00)}m_{212}^{(11)} + 4m_{001}^{(10)}m_{012}^{(10)}m_{320}^{(22)} - 4m_{001}^{(10)}m_{012}^{(10)}m_{311}^{(21)}\\
&-4m_{001}^{(10)}m_{012}^{(10)}m_{221}^{(20)} + 4m_{001}^{(10)}m_{012}^{(10)}m_{212}^{(10)} - 2m_{001}^{(10)}m_{012}^{(11)}m_{410}^{(22)} + 4m_{001}^{(10)}m_{012}^{(11)}m_{311}^{(20)}\\
&-2m_{001}^{(10)}m_{012}^{(11)}m_{212}^{(00)} - 4m_{001}^{(10)}m_{012}^{(20)}m_{320}^{(21)} + 4m_{001}^{(10)}m_{012}^{(20)}m_{311}^{(11)} + 4m_{001}^{(10)}m_{012}^{(20)}m_{230}^{(20)}
\end{aligned}
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\begin{aligned}
&-4m_{001}^{(10)}m_{012}^{(20)}m_{221}^{(10)} + 4m_{001}^{(10)}m_{012}^{(21)}m_{410}^{(21)} - 4m_{001}^{(10)}m_{012}^{(21)}m_{320}^{(20)} - 4m_{001}^{(10)}m_{012}^{(21)}m_{311}^{(10)} \\
&+4m_{001}^{(10)}m_{012}^{(21)}m_{221}^{(00)} - 2m_{001}^{(10)}m_{012}^{(22)}m_{410}^{(11)} + 4m_{001}^{(10)}m_{012}^{(22)}m_{320}^{(10)} - 2m_{001}^{(10)}m_{012}^{(22)}m_{230}^{(00)} \\
&-m_{001}^{(11)}m_{300}^{(00)}m_{032}^{(22)} + 2m_{001}^{(11)}m_{300}^{(00)}m_{023}^{(21)} - m_{001}^{(11)}m_{300}^{(00)}m_{014}^{(11)} + 2m_{001}^{(11)}m_{300}^{(10)}m_{122}^{(22)} \\
&-2m_{001}^{(11)}m_{300}^{(10)}m_{113}^{(21)} - 2m_{001}^{(11)}m_{300}^{(10)}m_{023}^{(20)} + 2m_{001}^{(11)}m_{300}^{(10)}m_{014}^{(10)} - m_{001}^{(11)}m_{300}^{(11)}m_{212}^{(22)} \\
&+2m_{001}^{(11)}m_{300}^{(11)}m_{113}^{(20)} - m_{001}^{(11)}m_{300}^{(11)}m_{014}^{(00)} - 2m_{001}^{(11)}m_{300}^{(20)}m_{122}^{(21)} + 2m_{001}^{(11)}m_{300}^{(20)}m_{113}^{(11)} \\
&+2m_{001}^{(11)}m_{300}^{(20)}m_{032}^{(20)} - 2m_{001}^{(11)}m_{300}^{(20)}m_{023}^{(10)} + 2m_{001}^{(11)}m_{300}^{(21)}m_{212}^{(21)} - 2m_{001}^{(11)}m_{300}^{(21)}m_{122}^{(20)} \\
&-2m_{001}^{(11)}m_{300}^{(21)}m_{113}^{(10)} + 2m_{001}^{(11)}m_{300}^{(21)}m_{023}^{(00)} - m_{001}^{(11)}m_{300}^{(22)}m_{212}^{(11)} + 2m_{001}^{(11)}m_{300}^{(22)}m_{122}^{(10)} \\
&-m_{001}^{(11)}m_{300}^{(22)}m_{032}^{(00)} + m_{001}^{(11)}m_{210}^{(00)}m_{122}^{(22)} - 2m_{001}^{(11)}m_{210}^{(00)}m_{113}^{(21)} + m_{001}^{(11)}m_{210}^{(00)}m_{104}^{(11)} \\
&-2m_{001}^{(11)}m_{210}^{(10)}m_{212}^{(22)} + 2m_{001}^{(11)}m_{210}^{(10)}m_{203}^{(21)} + 2m_{001}^{(11)}m_{210}^{(10)}m_{113}^{(20)} - 2m_{001}^{(11)}m_{210}^{(10)}m_{104}^{(10)} \\
&+m_{001}^{(11)}m_{210}^{(11)}m_{302}^{(22)} - 2m_{001}^{(11)}m_{210}^{(11)}m_{203}^{(20)} + m_{001}^{(11)}m_{210}^{(11)}m_{104}^{(00)} + 2m_{001}^{(11)}m_{210}^{(20)}m_{212}^{(21)} \\
&-2m_{001}^{(11)}m_{210}^{(20)}m_{203}^{(11)} - 2m_{001}^{(11)}m_{210}^{(20)}m_{122}^{(20)} + 2m_{001}^{(11)}m_{210}^{(20)}m_{113}^{(10)} - 2m_{001}^{(11)}m_{210}^{(21)}m_{302}^{(21)} \\
&+2m_{001}^{(11)}m_{210}^{(21)}m_{212}^{(20)} + 2m_{001}^{(11)}m_{210}^{(21)}m_{203}^{(10)} - 2m_{001}^{(11)}m_{210}^{(21)}m_{113}^{(00)} + m_{001}^{(11)}m_{210}^{(22)}m_{302}^{(11)} \\
&-2m_{001}^{(11)}m_{210}^{(22)}m_{212}^{(10)} + m_{001}^{(11)}m_{210}^{(22)}m_{122}^{(00)} + 2m_{001}^{(11)}m_{201}^{(00)}m_{131}^{(22)} - 4m_{001}^{(11)}m_{201}^{(00)}m_{122}^{(21)} \\
&+2m_{001}^{(11)}m_{201}^{(00)}m_{113}^{(11)} - 4m_{001}^{(11)}m_{201}^{(10)}m_{221}^{(22)} + 4m_{001}^{(11)}m_{201}^{(10)}m_{212}^{(21)} + 4m_{001}^{(11)}m_{201}^{(10)}m_{122}^{(20)} \\
&-4m_{001}^{(11)}m_{201}^{(10)}m_{113}^{(10)} + 2m_{001}^{(11)}m_{201}^{(11)}m_{311}^{(22)} - 4m_{001}^{(11)}m_{201}^{(11)}m_{212}^{(20)} + 2m_{001}^{(11)}m_{201}^{(11)}m_{113}^{(00)} \\
&+4m_{001}^{(11)}m_{201}^{(20)}m_{221}^{(21)} - 4m_{001}^{(11)}m_{201}^{(20)}m_{212}^{(11)} - 4m_{001}^{(11)}m_{201}^{(20)}m_{131}^{(20)} + 4m_{001}^{(11)}m_{201}^{(20)}m_{122}^{(10)} \\
&-4m_{001}^{(11)}m_{201}^{(21)}m_{311}^{(21)} + 4m_{001}^{(11)}m_{201}^{(21)}m_{221}^{(20)} + 4m_{001}^{(11)}m_{201}^{(21)}m_{212}^{(10)} - 4m_{001}^{(11)}m_{201}^{(21)}m_{122}^{(00)} \\
&+2m_{001}^{(11)}m_{201}^{(22)}m_{311}^{(11)} - 4m_{001}^{(11)}m_{201}^{(22)}m_{221}^{(10)} + 2m_{001}^{(11)}m_{201}^{(22)}m_{131}^{(00)} - 2m_{001}^{(11)}m_{111}^{(00)}m_{221}^{(22)} \\
&+4m_{001}^{(11)}m_{111}^{(00)}m_{212}^{(21)} - 2m_{001}^{(11)}m_{111}^{(00)}m_{203}^{(11)} + 4m_{001}^{(11)}m_{111}^{(10)}m_{311}^{(22)} - 4m_{001}^{(11)}m_{111}^{(10)}m_{302}^{(21)} \\
&-4m_{001}^{(11)}m_{111}^{(10)}m_{212}^{(20)} + 4m_{001}^{(11)}m_{111}^{(10)}m_{203}^{(10)} - 2m_{001}^{(11)}m_{111}^{(11)}m_{401}^{(22)} + 4m_{001}^{(11)}m_{111}^{(11)}m_{302}^{(20)} \\
&-2m_{001}^{(11)}m_{111}^{(11)}m_{203}^{(00)} - 4m_{001}^{(11)}m_{111}^{(20)}m_{311}^{(21)} + 4m_{001}^{(11)}m_{111}^{(20)}m_{302}^{(11)} + 4m_{001}^{(11)}m_{111}^{(20)}m_{221}^{(20)} \\
&-4m_{001}^{(11)}m_{111}^{(20)}m_{212}^{(10)} + 4m_{001}^{(11)}m_{111}^{(21)}m_{401}^{(21)} - 4m_{001}^{(11)}m_{111}^{(21)}m_{311}^{(20)} - 4m_{001}^{(11)}m_{111}^{(21)}m_{302}^{(10)} \\
&+4m_{001}^{(11)}m_{111}^{(21)}m_{212}^{(00)} - 2m_{001}^{(11)}m_{111}^{(22)}m_{401}^{(11)} + 4m_{001}^{(11)}m_{111}^{(22)}m_{311}^{(10)} - 2m_{001}^{(11)}m_{111}^{(22)}m_{221}^{(00)} \\
&-m_{001}^{(11)}m_{102}^{(00)}m_{230}^{(22)} + 2m_{001}^{(11)}m_{102}^{(00)}m_{221}^{(21)} - m_{001}^{(11)}m_{102}^{(00)}m_{212}^{(11)} + 2m_{001}^{(11)}m_{102}^{(10)}m_{320}^{(22)} \\
&-2m_{001}^{(11)}m_{102}^{(10)}m_{311}^{(21)} - 2m_{001}^{(11)}m_{102}^{(10)}m_{221}^{(20)} + 2m_{001}^{(11)}m_{102}^{(10)}m_{212}^{(10)} - m_{001}^{(11)}m_{102}^{(11)}m_{410}^{(22)} \\
&+2m_{001}^{(11)}m_{102}^{(11)}m_{311}^{(20)} - m_{001}^{(11)}m_{102}^{(11)}m_{212}^{(00)} - 2m_{001}^{(11)}m_{102}^{(20)}m_{320}^{(21)} + 2m_{001}^{(11)}m_{102}^{(20)}m_{311}^{(11)} \\
&+2m_{001}^{(11)}m_{102}^{(20)}m_{230}^{(20)} - 2m_{001}^{(11)}m_{102}^{(20)}m_{221}^{(10)} + 2m_{001}^{(11)}m_{102}^{(21)}m_{410}^{(21)} - 2m_{001}^{(11)}m_{102}^{(21)}m_{320}^{(20)} \\
&-2m_{001}^{(11)}m_{102}^{(21)}m_{311}^{(10)} + 2m_{001}^{(11)}m_{102}^{(21)}m_{221}^{(00)} - m_{001}^{(11)}m_{102}^{(22)}m_{410}^{(11)} + 2m_{001}^{(11)}m_{102}^{(22)}m_{320}^{(10)} \\
&-m_{001}^{(11)}m_{102}^{(22)}m_{230}^{(00)} + m_{001}^{(11)}m_{012}^{(00)}m_{320}^{(22)} - 2m_{001}^{(11)}m_{012}^{(00)}m_{311}^{(21)} + m_{001}^{(11)}m_{012}^{(00)}m_{302}^{(11)} \\
&-2m_{001}^{(11)}m_{012}^{(10)}m_{410}^{(22)} + 2m_{001}^{(11)}m_{012}^{(10)}m_{401}^{(21)} + 2m_{001}^{(11)}m_{012}^{(10)}m_{311}^{(20)} - 2m_{001}^{(11)}m_{012}^{(10)}m_{302}^{(10)} \\
&+m_{001}^{(11)}m_{012}^{(11)}m_{500}^{(22)} - 2m_{001}^{(11)}m_{012}^{(11)}m_{401}^{(20)} + m_{001}^{(11)}m_{012}^{(11)}m_{302}^{(00)} + 2m_{001}^{(11)}m_{012}^{(20)}m_{410}^{(21)} \\
&-2m_{001}^{(11)}m_{012}^{(20)}m_{401}^{(11)} - 2m_{001}^{(11)}m_{012}^{(20)}m_{320}^{(20)} + 2m_{001}^{(11)}m_{012}^{(20)}m_{311}^{(10)} - 2m_{001}^{(11)}m_{012}^{(21)}m_{500}^{(21)} \\
&+2m_{001}^{(11)}m_{012}^{(21)}m_{410}^{(20)} + 2m_{001}^{(11)}m_{012}^{(21)}m_{401}^{(10)} - 2m_{001}^{(11)}m_{012}^{(21)}m_{311}^{(00)} + m_{001}^{(11)}m_{012}^{(22)}m_{500}^{(11)} \\
&-2m_{001}^{(11)}m_{012}^{(22)}m_{410}^{(10)} + m_{001}^{(11)}m_{012}^{(22)}m_{320}^{(00)} - 2m_{001}^{(20)}m_{210}^{(00)}m_{041}^{(22)} + 4m_{001}^{(20)}m_{210}^{(00)}m_{032}^{(21)} \\
&-2m_{001}^{(20)}m_{210}^{(00)}m_{023}^{(11)} + 4m_{001}^{(20)}m_{210}^{(10)}m_{131}^{(22)} - 4m_{001}^{(20)}m_{210}^{(10)}m_{122}^{(21)} - 4m_{001}^{(20)}m_{210}^{(10)}m_{032}^{(20)} \\
&+4m_{001}^{(20)}m_{210}^{(10)}m_{023}^{(10)} - 2m_{001}^{(20)}m_{210}^{(11)}m_{221}^{(22)} + 4m_{001}^{(20)}m_{210}^{(11)}m_{122}^{(20)} - 2m_{001}^{(20)}m_{210}^{(11)}m_{023}^{(00)} \\
&-4m_{001}^{(20)}m_{210}^{(20)}m_{131}^{(21)} + 4m_{001}^{(20)}m_{210}^{(20)}m_{122}^{(11)} + 4m_{001}^{(20)}m_{210}^{(20)}m_{041}^{(20)} - 4m_{001}^{(20)}m_{210}^{(20)}m_{032}^{(10)} \\
&+4m_{001}^{(20)}m_{210}^{(21)}m_{221}^{(21)} - 4m_{001}^{(20)}m_{210}^{(21)}m_{131}^{(20)} - 4m_{001}^{(20)}m_{210}^{(21)}m_{122}^{(10)} + 4m_{001}^{(20)}m_{210}^{(21)}m_{032}^{(00)}
\end{aligned}
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\begin{aligned}
&-2m_{001}^{(20)}m_{210}^{(22)}m_{221}^{(11)} + 4m_{001}^{(20)}m_{210}^{(22)}m_{131}^{(10)} - 2m_{001}^{(20)}m_{210}^{(22)}m_{041}^{(00)} + 2m_{001}^{(20)}m_{201}^{(00)}m_{050}^{(22)}\\
&-4m_{001}^{(20)}m_{201}^{(00)}m_{041}^{(21)} + 2m_{001}^{(20)}m_{201}^{(00)}m_{032}^{(11)} - 4m_{001}^{(20)}m_{201}^{(10)}m_{140}^{(22)} + 4m_{001}^{(20)}m_{201}^{(10)}m_{131}^{(21)}\\
&+4m_{001}^{(20)}m_{201}^{(10)}m_{041}^{(20)} - 4m_{001}^{(20)}m_{201}^{(10)}m_{032}^{(10)} + 2m_{001}^{(20)}m_{201}^{(11)}m_{230}^{(22)} - 4m_{001}^{(20)}m_{201}^{(11)}m_{131}^{(20)}\\
&+2m_{001}^{(20)}m_{201}^{(11)}m_{032}^{(00)} + 4m_{001}^{(20)}m_{201}^{(20)}m_{140}^{(21)} - 4m_{001}^{(20)}m_{201}^{(20)}m_{131}^{(11)} - 4m_{001}^{(20)}m_{201}^{(20)}m_{050}^{(20)}\\
&+4m_{001}^{(20)}m_{201}^{(20)}m_{041}^{(10)} - 4m_{001}^{(20)}m_{201}^{(21)}m_{230}^{(21)} + 4m_{001}^{(20)}m_{201}^{(21)}m_{140}^{(20)} + 4m_{001}^{(20)}m_{201}^{(21)}m_{131}^{(10)}\\
&-4m_{001}^{(20)}m_{201}^{(21)}m_{041}^{(00)} + 2m_{001}^{(20)}m_{201}^{(22)}m_{230}^{(11)} - 4m_{001}^{(20)}m_{201}^{(22)}m_{140}^{(10)} + 2m_{001}^{(20)}m_{201}^{(22)}m_{050}^{(00)}\\
&+4m_{001}^{(20)}m_{120}^{(00)}m_{131}^{(22)} - 8m_{001}^{(20)}m_{120}^{(00)}m_{122}^{(21)} + 4m_{001}^{(20)}m_{120}^{(00)}m_{113}^{(11)} - 8m_{001}^{(20)}m_{120}^{(10)}m_{221}^{(22)}\\
&+8m_{001}^{(20)}m_{120}^{(10)}m_{212}^{(21)} + 8m_{001}^{(20)}m_{120}^{(10)}m_{122}^{(20)} - 8m_{001}^{(20)}m_{120}^{(10)}m_{113}^{(10)} + 4m_{001}^{(20)}m_{120}^{(11)}m_{311}^{(22)}\\
&-8m_{001}^{(20)}m_{120}^{(11)}m_{212}^{(20)} + 4m_{001}^{(20)}m_{120}^{(11)}m_{113}^{(00)} + 8m_{001}^{(20)}m_{120}^{(20)}m_{221}^{(21)} - 8m_{001}^{(20)}m_{120}^{(20)}m_{212}^{(11)}\\
&-8m_{001}^{(20)}m_{120}^{(20)}m_{131}^{(20)} + 8m_{001}^{(20)}m_{120}^{(20)}m_{122}^{(10)} - 8m_{001}^{(20)}m_{120}^{(21)}m_{311}^{(21)} + 8m_{001}^{(20)}m_{120}^{(21)}m_{221}^{(20)}\\
&+8m_{001}^{(20)}m_{120}^{(21)}m_{212}^{(10)} - 8m_{001}^{(20)}m_{120}^{(21)}m_{122}^{(00)} + 4m_{001}^{(20)}m_{120}^{(22)}m_{311}^{(11)} - 8m_{001}^{(20)}m_{120}^{(22)}m_{221}^{(10)}\\
&+4m_{001}^{(20)}m_{120}^{(22)}m_{131}^{(00)} - 4m_{001}^{(20)}m_{111}^{(00)}m_{140}^{(22)} + 8m_{001}^{(20)}m_{111}^{(00)}m_{131}^{(21)} - 4m_{001}^{(20)}m_{111}^{(00)}m_{122}^{(11)}\\
&+8m_{001}^{(20)}m_{111}^{(10)}m_{230}^{(22)} - 8m_{001}^{(20)}m_{111}^{(10)}m_{221}^{(21)} - 8m_{001}^{(20)}m_{111}^{(10)}m_{131}^{(20)} + 8m_{001}^{(20)}m_{111}^{(10)}m_{122}^{(10)}\\
&-4m_{001}^{(20)}m_{111}^{(11)}m_{320}^{(22)} + 8m_{001}^{(20)}m_{111}^{(11)}m_{221}^{(20)} - 4m_{001}^{(20)}m_{111}^{(11)}m_{122}^{(00)} - 8m_{001}^{(20)}m_{111}^{(20)}m_{230}^{(21)}\\
&+8m_{001}^{(20)}m_{111}^{(20)}m_{221}^{(11)} + 8m_{001}^{(20)}m_{111}^{(20)}m_{140}^{(20)} - 8m_{001}^{(20)}m_{111}^{(20)}m_{131}^{(10)} + 8m_{001}^{(20)}m_{111}^{(21)}m_{320}^{(21)}\\
&-8m_{001}^{(20)}m_{111}^{(21)}m_{230}^{(20)} - 8m_{001}^{(20)}m_{111}^{(21)}m_{221}^{(10)} + 8m_{001}^{(20)}m_{111}^{(21)}m_{131}^{(00)} - 4m_{001}^{(20)}m_{111}^{(22)}m_{320}^{(11)}\\
&+8m_{001}^{(20)}m_{111}^{(22)}m_{230}^{(10)} - 4m_{001}^{(20)}m_{111}^{(22)}m_{140}^{(00)} - 2m_{001}^{(20)}m_{030}^{(00)}m_{221}^{(22)} + 4m_{001}^{(20)}m_{030}^{(00)}m_{212}^{(21)}\\
&-2m_{001}^{(20)}m_{030}^{(00)}m_{203}^{(11)} + 4m_{001}^{(20)}m_{030}^{(10)}m_{311}^{(22)} - 4m_{001}^{(20)}m_{030}^{(10)}m_{302}^{(21)} - 4m_{001}^{(20)}m_{030}^{(10)}m_{212}^{(20)}\\
&+4m_{001}^{(20)}m_{030}^{(10)}m_{203}^{(10)} - 2m_{001}^{(20)}m_{030}^{(11)}m_{401}^{(22)} + 4m_{001}^{(20)}m_{030}^{(11)}m_{302}^{(20)} - 2m_{001}^{(20)}m_{030}^{(11)}m_{203}^{(00)}\\
&-4m_{001}^{(20)}m_{030}^{(20)}m_{311}^{(21)} + 4m_{001}^{(20)}m_{030}^{(20)}m_{302}^{(11)} + 4m_{001}^{(20)}m_{030}^{(20)}m_{221}^{(20)} - 4m_{001}^{(20)}m_{030}^{(20)}m_{212}^{(10)}\\
&+4m_{001}^{(20)}m_{030}^{(21)}m_{401}^{(21)} - 4m_{001}^{(20)}m_{030}^{(21)}m_{311}^{(20)} - 4m_{001}^{(20)}m_{030}^{(21)}m_{302}^{(10)} + 4m_{001}^{(20)}m_{030}^{(21)}m_{212}^{(00)}\\
&-2m_{001}^{(20)}m_{030}^{(22)}m_{401}^{(11)} + 4m_{001}^{(20)}m_{030}^{(22)}m_{311}^{(10)} - 2m_{001}^{(20)}m_{030}^{(22)}m_{221}^{(00)} + 2m_{001}^{(20)}m_{021}^{(00)}m_{230}^{(22)}\\
&-4m_{001}^{(20)}m_{021}^{(00)}m_{221}^{(21)} + 2m_{001}^{(20)}m_{021}^{(00)}m_{212}^{(11)} - 4m_{001}^{(20)}m_{021}^{(10)}m_{320}^{(22)} + 4m_{001}^{(20)}m_{021}^{(10)}m_{311}^{(21)}\\
&+4m_{001}^{(20)}m_{021}^{(10)}m_{221}^{(20)} - 4m_{001}^{(20)}m_{021}^{(10)}m_{212}^{(10)} + 2m_{001}^{(20)}m_{021}^{(11)}m_{410}^{(22)} - 4m_{001}^{(20)}m_{021}^{(11)}m_{311}^{(20)}\\
&+2m_{001}^{(20)}m_{021}^{(11)}m_{212}^{(00)} + 4m_{001}^{(20)}m_{021}^{(20)}m_{320}^{(21)} - 4m_{001}^{(20)}m_{021}^{(20)}m_{311}^{(11)} - 4m_{001}^{(20)}m_{021}^{(20)}m_{230}^{(20)}\\
&+4m_{001}^{(20)}m_{021}^{(20)}m_{221}^{(10)} - 4m_{001}^{(20)}m_{021}^{(21)}m_{410}^{(21)} + 4m_{001}^{(20)}m_{021}^{(21)}m_{320}^{(20)} + 4m_{001}^{(20)}m_{021}^{(21)}m_{311}^{(10)}\\
&-4m_{001}^{(20)}m_{021}^{(21)}m_{221}^{(00)} + 2m_{001}^{(20)}m_{021}^{(22)}m_{410}^{(11)} - 4m_{001}^{(20)}m_{021}^{(22)}m_{320}^{(10)} + 2m_{001}^{(20)}m_{021}^{(22)}m_{230}^{(00)}\\
&+2m_{001}^{(21)}m_{300}^{(00)}m_{041}^{(22)} - 4m_{001}^{(21)}m_{300}^{(00)}m_{032}^{(21)} + 2m_{001}^{(21)}m_{300}^{(00)}m_{023}^{(11)} - 4m_{001}^{(21)}m_{300}^{(10)}m_{131}^{(22)}\\
&+4m_{001}^{(21)}m_{300}^{(10)}m_{122}^{(21)} + 4m_{001}^{(21)}m_{300}^{(10)}m_{032}^{(20)} - 4m_{001}^{(21)}m_{300}^{(10)}m_{023}^{(10)} + 2m_{001}^{(21)}m_{300}^{(11)}m_{221}^{(22)}\\
&-4m_{001}^{(21)}m_{300}^{(11)}m_{122}^{(20)} + 2m_{001}^{(21)}m_{300}^{(11)}m_{023}^{(00)} + 4m_{001}^{(21)}m_{300}^{(20)}m_{131}^{(21)} - 4m_{001}^{(21)}m_{300}^{(20)}m_{122}^{(11)}\\
&-4m_{001}^{(21)}m_{300}^{(20)}m_{041}^{(20)} + 4m_{001}^{(21)}m_{300}^{(20)}m_{032}^{(10)} - 4m_{001}^{(21)}m_{300}^{(21)}m_{221}^{(21)} + 4m_{001}^{(21)}m_{300}^{(21)}m_{131}^{(20)}\\
&+4m_{001}^{(21)}m_{300}^{(21)}m_{122}^{(10)} - 4m_{001}^{(21)}m_{300}^{(21)}m_{032}^{(00)} + 2m_{001}^{(21)}m_{300}^{(22)}m_{221}^{(11)} - 4m_{001}^{(21)}m_{300}^{(22)}m_{131}^{(10)}\\
&+2m_{001}^{(21)}m_{300}^{(22)}m_{041}^{(00)} - 4m_{001}^{(21)}m_{210}^{(00)}m_{131}^{(22)} + 8m_{001}^{(21)}m_{210}^{(00)}m_{122}^{(21)} - 4m_{001}^{(21)}m_{210}^{(00)}m_{113}^{(11)}\\
&+8m_{001}^{(21)}m_{210}^{(10)}m_{221}^{(22)} - 8m_{001}^{(21)}m_{210}^{(10)}m_{212}^{(21)} - 8m_{001}^{(21)}m_{210}^{(10)}m_{122}^{(20)} + 8m_{001}^{(21)}m_{210}^{(10)}m_{113}^{(10)}\\
&-4m_{001}^{(21)}m_{210}^{(11)}m_{311}^{(22)} + 8m_{001}^{(21)}m_{210}^{(11)}m_{212}^{(20)} - 4m_{001}^{(21)}m_{210}^{(11)}m_{113}^{(00)} - 8m_{001}^{(21)}m_{210}^{(20)}m_{221}^{(21)}\\
&+8m_{001}^{(21)}m_{210}^{(20)}m_{212}^{(11)} + 8m_{001}^{(21)}m_{210}^{(20)}m_{131}^{(20)} - 8m_{001}^{(21)}m_{210}^{(20)}m_{122}^{(10)} + 8m_{001}^{(21)}m_{210}^{(21)}m_{311}^{(21)}\\
&-8m_{001}^{(21)}m_{210}^{(21)}m_{221}^{(20)} - 8m_{001}^{(21)}m_{210}^{(21)}m_{212}^{(10)} + 8m_{001}^{(21)}m_{210}^{(21)}m_{122}^{(00)} - 4m_{001}^{(21)}m_{210}^{(22)}m_{311}^{(11)}\\
&+8m_{001}^{(21)}m_{210}^{(22)}m_{221}^{(10)} - 4m_{001}^{(21)}m_{210}^{(22)}m_{131}^{(00)} - 2m_{001}^{(21)}m_{201}^{(00)}m_{140}^{(22)} + 4m_{001}^{(21)}m_{201}^{(00)}m_{131}^{(21)}
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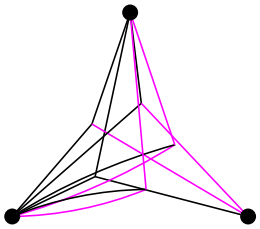
$$
\begin{aligned}
&-2m_{001}^{(21)}m_{201}^{(00)}m_{122}^{(11)} + 4m_{001}^{(21)}m_{201}^{(10)}m_{230}^{(22)} - 4m_{001}^{(21)}m_{201}^{(10)}m_{221}^{(21)} - 4m_{001}^{(21)}m_{201}^{(10)}m_{131}^{(20)} \\
&+4m_{001}^{(21)}m_{201}^{(10)}m_{122}^{(10)} - 2m_{001}^{(21)}m_{201}^{(11)}m_{320}^{(22)} + 4m_{001}^{(21)}m_{201}^{(11)}m_{221}^{(20)} - 2m_{001}^{(21)}m_{201}^{(11)}m_{122}^{(00)} \\
&-4m_{001}^{(21)}m_{201}^{(20)}m_{230}^{(21)} + 4m_{001}^{(21)}m_{201}^{(20)}m_{221}^{(11)} + 4m_{001}^{(21)}m_{201}^{(20)}m_{140}^{(20)} - 4m_{001}^{(21)}m_{201}^{(20)}m_{131}^{(10)} \\
&+4m_{001}^{(21)}m_{201}^{(21)}m_{320}^{(21)} - 4m_{001}^{(21)}m_{201}^{(21)}m_{230}^{(20)} - 4m_{001}^{(21)}m_{201}^{(21)}m_{221}^{(10)} + 4m_{001}^{(21)}m_{201}^{(21)}m_{131}^{(00)} \\
&-2m_{001}^{(21)}m_{201}^{(22)}m_{320}^{(11)} + 4m_{001}^{(21)}m_{201}^{(22)}m_{230}^{(10)} - 2m_{001}^{(21)}m_{201}^{(22)}m_{140}^{(00)} + 2m_{001}^{(21)}m_{120}^{(00)}m_{221}^{(22)} \\
&-4m_{001}^{(21)}m_{120}^{(00)}m_{212}^{(21)} + 2m_{001}^{(21)}m_{120}^{(00)}m_{203}^{(11)} - 4m_{001}^{(21)}m_{120}^{(10)}m_{311}^{(22)} + 4m_{001}^{(21)}m_{120}^{(10)}m_{302}^{(21)} \\
&+4m_{001}^{(21)}m_{120}^{(10)}m_{212}^{(20)} - 4m_{001}^{(21)}m_{120}^{(10)}m_{203}^{(10)} + 2m_{001}^{(21)}m_{120}^{(11)}m_{401}^{(22)} - 4m_{001}^{(21)}m_{120}^{(11)}m_{302}^{(20)} \\
&+2m_{001}^{(21)}m_{120}^{(11)}m_{203}^{(00)} + 4m_{001}^{(21)}m_{120}^{(20)}m_{311}^{(21)} - 4m_{001}^{(21)}m_{120}^{(20)}m_{302}^{(11)} - 4m_{001}^{(21)}m_{120}^{(20)}m_{221}^{(20)} \\
&+4m_{001}^{(21)}m_{120}^{(20)}m_{212}^{(10)} - 4m_{001}^{(21)}m_{120}^{(21)}m_{401}^{(21)} + 4m_{001}^{(21)}m_{120}^{(21)}m_{311}^{(20)} + 4m_{001}^{(21)}m_{120}^{(21)}m_{302}^{(10)} \\
&-4m_{001}^{(21)}m_{120}^{(21)}m_{212}^{(00)} + 2m_{001}^{(21)}m_{120}^{(22)}m_{401}^{(11)} - 4m_{001}^{(21)}m_{120}^{(22)}m_{311}^{(10)} + 2m_{001}^{(21)}m_{120}^{(22)}m_{221}^{(00)} \\
&+4m_{001}^{(21)}m_{111}^{(00)}m_{230}^{(22)} - 8m_{001}^{(21)}m_{111}^{(00)}m_{221}^{(21)} + 4m_{001}^{(21)}m_{111}^{(00)}m_{212}^{(11)} - 8m_{001}^{(21)}m_{111}^{(10)}m_{320}^{(22)} \\
&+8m_{001}^{(21)}m_{111}^{(10)}m_{311}^{(21)} + 8m_{001}^{(21)}m_{111}^{(10)}m_{221}^{(20)} - 8m_{001}^{(21)}m_{111}^{(10)}m_{212}^{(10)} + 4m_{001}^{(21)}m_{111}^{(11)}m_{410}^{(22)} \\
&-8m_{001}^{(21)}m_{111}^{(11)}m_{311}^{(20)} + 4m_{001}^{(21)}m_{111}^{(11)}m_{212}^{(00)} + 8m_{001}^{(21)}m_{111}^{(20)}m_{320}^{(21)} - 8m_{001}^{(21)}m_{111}^{(20)}m_{311}^{(11)} \\
&-8m_{001}^{(21)}m_{111}^{(20)}m_{230}^{(20)} + 8m_{001}^{(21)}m_{111}^{(20)}m_{221}^{(10)} - 8m_{001}^{(21)}m_{111}^{(21)}m_{410}^{(21)} + 8m_{001}^{(21)}m_{111}^{(21)}m_{320}^{(20)} \\
&+8m_{001}^{(21)}m_{111}^{(21)}m_{311}^{(10)} - 8m_{001}^{(21)}m_{111}^{(21)}m_{221}^{(00)} + 4m_{001}^{(21)}m_{111}^{(22)}m_{410}^{(11)} - 8m_{001}^{(21)}m_{111}^{(22)}m_{320}^{(10)} \\
&+4m_{001}^{(21)}m_{111}^{(22)}m_{230}^{(00)} - 2m_{001}^{(21)}m_{021}^{(00)}m_{320}^{(22)} + 4m_{001}^{(21)}m_{021}^{(00)}m_{311}^{(21)} - 2m_{001}^{(21)}m_{021}^{(00)}m_{302}^{(11)} \\
&+4m_{001}^{(21)}m_{021}^{(10)}m_{410}^{(22)} - 4m_{001}^{(21)}m_{021}^{(10)}m_{401}^{(21)} - 4m_{001}^{(21)}m_{021}^{(10)}m_{311}^{(20)} + 4m_{001}^{(21)}m_{021}^{(10)}m_{302}^{(10)} \\
&-2m_{001}^{(21)}m_{021}^{(11)}m_{500}^{(22)} + 4m_{001}^{(21)}m_{021}^{(11)}m_{401}^{(20)} - 2m_{001}^{(21)}m_{021}^{(11)}m_{302}^{(00)} - 4m_{001}^{(21)}m_{021}^{(20)}m_{410}^{(21)} \\
&+4m_{001}^{(21)}m_{021}^{(20)}m_{401}^{(11)} + 4m_{001}^{(21)}m_{021}^{(20)}m_{320}^{(20)} - 4m_{001}^{(21)}m_{021}^{(20)}m_{311}^{(10)} + 4m_{001}^{(21)}m_{021}^{(21)}m_{500}^{(21)} \\
&-4m_{001}^{(21)}m_{021}^{(21)}m_{410}^{(20)} - 4m_{001}^{(21)}m_{021}^{(21)}m_{401}^{(10)} + 4m_{001}^{(21)}m_{021}^{(21)}m_{311}^{(00)} - 2m_{001}^{(21)}m_{021}^{(22)}m_{500}^{(11)} \\
&+4m_{001}^{(21)}m_{021}^{(22)}m_{410}^{(10)} - 2m_{001}^{(21)}m_{021}^{(22)}m_{320}^{(00)} - m_{001}^{(22)}m_{300}^{(00)}m_{050}^{(22)} + 2m_{001}^{(22)}m_{300}^{(00)}m_{041}^{(21)} \\
&-m_{001}^{(22)}m_{300}^{(00)}m_{032}^{(11)} + 2m_{001}^{(22)}m_{300}^{(10)}m_{140}^{(22)} - 2m_{001}^{(22)}m_{300}^{(10)}m_{131}^{(21)} - 2m_{001}^{(22)}m_{300}^{(10)}m_{041}^{(20)} \\
&+2m_{001}^{(22)}m_{300}^{(10)}m_{032}^{(10)} - m_{001}^{(22)}m_{300}^{(11)}m_{230}^{(22)} + 2m_{001}^{(22)}m_{300}^{(11)}m_{131}^{(20)} - m_{001}^{(22)}m_{300}^{(11)}m_{032}^{(00)} \\
&-2m_{001}^{(22)}m_{300}^{(20)}m_{140}^{(21)} + 2m_{001}^{(22)}m_{300}^{(20)}m_{131}^{(11)} + 2m_{001}^{(22)}m_{300}^{(20)}m_{050}^{(20)} - 2m_{001}^{(22)}m_{300}^{(20)}m_{041}^{(10)} \\
&+2m_{001}^{(22)}m_{300}^{(21)}m_{230}^{(21)} - 2m_{001}^{(22)}m_{300}^{(21)}m_{140}^{(20)} - 2m_{001}^{(22)}m_{300}^{(21)}m_{131}^{(10)} + 2m_{001}^{(22)}m_{300}^{(21)}m_{041}^{(00)} \\
&-m_{001}^{(22)}m_{300}^{(22)}m_{230}^{(11)} + 2m_{001}^{(22)}m_{300}^{(22)}m_{140}^{(10)} - m_{001}^{(22)}m_{300}^{(22)}m_{050}^{(00)} + 3m_{001}^{(22)}m_{210}^{(00)}m_{140}^{(22)} \\
&-6m_{001}^{(22)}m_{210}^{(00)}m_{131}^{(21)} + 3m_{001}^{(22)}m_{210}^{(00)}m_{122}^{(11)} - 6m_{001}^{(22)}m_{210}^{(10)}m_{230}^{(22)} + 6m_{001}^{(22)}m_{210}^{(10)}m_{221}^{(21)} \\
&+6m_{001}^{(22)}m_{210}^{(10)}m_{131}^{(20)} - 6m_{001}^{(22)}m_{210}^{(10)}m_{122}^{(10)} + 3m_{001}^{(22)}m_{210}^{(11)}m_{320}^{(22)} - 6m_{001}^{(22)}m_{210}^{(11)}m_{221}^{(20)} \\
&+3m_{001}^{(22)}m_{210}^{(11)}m_{122}^{(00)} + 6m_{001}^{(22)}m_{210}^{(20)}m_{230}^{(21)} - 6m_{001}^{(22)}m_{210}^{(20)}m_{221}^{(11)} - 6m_{001}^{(22)}m_{210}^{(20)}m_{140}^{(20)} \\
&+6m_{001}^{(22)}m_{210}^{(20)}m_{131}^{(10)} - 6m_{001}^{(22)}m_{210}^{(21)}m_{320}^{(21)} + 6m_{001}^{(22)}m_{210}^{(21)}m_{230}^{(20)} + 6m_{001}^{(22)}m_{210}^{(21)}m_{221}^{(10)} \\
&-6m_{001}^{(22)}m_{210}^{(21)}m_{131}^{(00)} + 3m_{001}^{(22)}m_{210}^{(22)}m_{320}^{(11)} - 6m_{001}^{(22)}m_{210}^{(22)}m_{230}^{(10)} + 3m_{001}^{(22)}m_{210}^{(22)}m_{140}^{(00)} \\
&-3m_{001}^{(22)}m_{120}^{(00)}m_{230}^{(22)} + 6m_{001}^{(22)}m_{120}^{(00)}m_{221}^{(21)} - 3m_{001}^{(22)}m_{120}^{(00)}m_{212}^{(11)} + 6m_{001}^{(22)}m_{120}^{(10)}m_{320}^{(22)} \\
&-6m_{001}^{(22)}m_{120}^{(10)}m_{311}^{(21)} - 6m_{001}^{(22)}m_{120}^{(10)}m_{221}^{(20)} + 6m_{001}^{(22)}m_{120}^{(10)}m_{212}^{(10)} - 3m_{001}^{(22)}m_{120}^{(11)}m_{410}^{(22)} \\
&+6m_{001}^{(22)}m_{120}^{(11)}m_{311}^{(20)} - 3m_{001}^{(22)}m_{120}^{(11)}m_{212}^{(00)} - 6m_{001}^{(22)}m_{120}^{(20)}m_{320}^{(21)} + 6m_{001}^{(22)}m_{120}^{(20)}m_{311}^{(11)} \\
&+6m_{001}^{(22)}m_{120}^{(20)}m_{230}^{(20)} - 6m_{001}^{(22)}m_{120}^{(20)}m_{221}^{(10)} + 6m_{001}^{(22)}m_{120}^{(21)}m_{410}^{(21)} - 6m_{001}^{(22)}m_{120}^{(21)}m_{320}^{(20)} \\
&-6m_{001}^{(22)}m_{120}^{(21)}m_{311}^{(10)} + 6m_{001}^{(22)}m_{120}^{(21)}m_{221}^{(00)} - 3m_{001}^{(22)}m_{120}^{(22)}m_{410}^{(11)} + 6m_{001}^{(22)}m_{120}^{(22)}m_{320}^{(10)} \\
&-3m_{001}^{(22)}m_{120}^{(22)}m_{230}^{(00)} + m_{001}^{(22)}m_{030}^{(00)}m_{320}^{(22)} - 2m_{001}^{(22)}m_{030}^{(00)}m_{311}^{(21)} + m_{001}^{(22)}m_{030}^{(00)}m_{302}^{(11)} \\
&-2m_{001}^{(22)}m_{030}^{(10)}m_{410}^{(22)} + 2m_{001}^{(22)}m_{030}^{(10)}m_{401}^{(21)} + 2m_{001}^{(22)}m_{030}^{(10)}m_{311}^{(20)} - 2m_{001}^{(22)}m_{030}^{(10)}m_{302}^{(10)}
\end{aligned}
$$

$$
\begin{array}{l}
+m_{001}^{(22)}m_{030}^{(11)}m_{500}^{(22)} - 2m_{001}^{(22)}m_{030}^{(11)}m_{401}^{(20)} + m_{001}^{(22)}m_{030}^{(11)}m_{302}^{(00)} + 2m_{001}^{(22)}m_{030}^{(20)}m_{410}^{(21)} \\
-2m_{001}^{(22)}m_{030}^{(20)}m_{401}^{(11)} - 2m_{001}^{(22)}m_{030}^{(20)}m_{320}^{(20)} + 2m_{001}^{(22)}m_{030}^{(20)}m_{311}^{(10)} - 2m_{001}^{(22)}m_{030}^{(21)}m_{500}^{(21)} \\
+2m_{001}^{(22)}m_{030}^{(21)}m_{410}^{(20)} + 2m_{001}^{(22)}m_{030}^{(21)}m_{401}^{(10)} - 2m_{001}^{(22)}m_{030}^{(21)}m_{311}^{(00)} + m_{001}^{(22)}m_{030}^{(22)}m_{500}^{(11)} \\
-2m_{001}^{(22)}m_{030}^{(22)}m_{410}^{(10)} + m_{001}^{(22)}m_{030}^{(22)}m_{320}^{(00)}
\end{array}
$$

Generating graph:

$$
\begin{array}{ccccc}
V1 & V1 & 1 & 1 & 1 \\
1 & 1 & 2 & 2 & 2 \\
V2 & V2 & V3 & V3 & 3
\end{array}
$$



$$
\begin{array}{rcl}
T_{182} & = & -m_{100}^{(10)}m_{210}^{(10)}m_{023}^{(22)} + 2m_{100}^{(10)}m_{210}^{(10)}m_{014}^{(21)} - m_{100}^{(10)}m_{210}^{(10)}m_{005}^{(11)} + m_{100}^{(10)}m_{210}^{(11)}m_{113}^{(22)} \\
 & & -m_{100}^{(10)}m_{210}^{(11)}m_{104}^{(21)} - m_{100}^{(10)}m_{210}^{(11)}m_{014}^{(20)} + m_{100}^{(10)}m_{210}^{(11)}m_{005}^{(10)} + m_{100}^{(10)}m_{210}^{(20)}m_{032}^{(22)} \\
 & & -2m_{100}^{(10)}m_{210}^{(20)}m_{023}^{(21)} + m_{100}^{(10)}m_{210}^{(20)}m_{014}^{(11)} - m_{100}^{(10)}m_{210}^{(21)}m_{122}^{(22)} + m_{100}^{(10)}m_{210}^{(21)}m_{104}^{(11)} \\
 & & +2m_{100}^{(10)}m_{210}^{(21)}m_{023}^{(20)} - 2m_{100}^{(10)}m_{210}^{(21)}m_{014}^{(10)} + m_{100}^{(10)}m_{210}^{(22)}m_{122}^{(21)} - m_{100}^{(10)}m_{210}^{(22)}m_{113}^{(11)} \\
 & & -m_{100}^{(10)}m_{210}^{(22)}m_{032}^{(20)} + m_{100}^{(10)}m_{210}^{(22)}m_{023}^{(10)} + m_{100}^{(10)}m_{201}^{(10)}m_{032}^{(22)} - 2m_{100}^{(10)}m_{201}^{(10)}m_{023}^{(21)} \\
 & & +m_{100}^{(10)}m_{201}^{(10)}m_{014}^{(11)} - m_{100}^{(10)}m_{201}^{(11)}m_{122}^{(22)} + m_{100}^{(10)}m_{201}^{(11)}m_{113}^{(21)} + m_{100}^{(10)}m_{201}^{(11)}m_{023}^{(20)} \\
 & & -m_{100}^{(10)}m_{201}^{(11)}m_{014}^{(10)} - m_{100}^{(10)}m_{201}^{(20)}m_{041}^{(22)} + 2m_{100}^{(10)}m_{201}^{(20)}m_{032}^{(21)} - m_{100}^{(10)}m_{201}^{(20)}m_{023}^{(11)} \\
 & & +m_{100}^{(10)}m_{201}^{(21)}m_{131}^{(22)} - m_{100}^{(10)}m_{201}^{(21)}m_{113}^{(11)} - 2m_{100}^{(10)}m_{201}^{(21)}m_{032}^{(20)} + 2m_{100}^{(10)}m_{201}^{(21)}m_{023}^{(10)} \\
 & & -m_{100}^{(10)}m_{201}^{(22)}m_{131}^{(21)} + m_{100}^{(10)}m_{201}^{(22)}m_{122}^{(11)} + m_{100}^{(10)}m_{201}^{(22)}m_{041}^{(20)} - m_{100}^{(10)}m_{201}^{(22)}m_{032}^{(10)} \\
 & & +m_{100}^{(10)}m_{120}^{(00)}m_{023}^{(22)} - 2m_{100}^{(10)}m_{120}^{(00)}m_{014}^{(21)} + m_{100}^{(10)}m_{120}^{(00)}m_{005}^{(11)} - m_{100}^{(10)}m_{120}^{(11)}m_{203}^{(22)} \\
 & & +2m_{100}^{(10)}m_{120}^{(11)}m_{104}^{(20)} - m_{100}^{(10)}m_{120}^{(11)}m_{005}^{(00)} - 2m_{100}^{(10)}m_{120}^{(20)}m_{122}^{(22)} + 4m_{100}^{(10)}m_{120}^{(20)}m_{113}^{(21)} \\
 & & -2m_{100}^{(10)}m_{120}^{(20)}m_{104}^{(11)} + 2m_{100}^{(10)}m_{120}^{(21)}m_{212}^{(22)} - 4m_{100}^{(10)}m_{120}^{(21)}m_{113}^{(20)} + 2m_{100}^{(10)}m_{120}^{(21)}m_{014}^{(00)} \\
 & & -2m_{100}^{(10)}m_{120}^{(22)}m_{212}^{(21)} + m_{100}^{(10)}m_{120}^{(22)}m_{203}^{(11)} + 2m_{100}^{(10)}m_{120}^{(22)}m_{122}^{(20)} - m_{100}^{(10)}m_{120}^{(22)}m_{023}^{(00)} \\
 & & -2m_{100}^{(10)}m_{111}^{(00)}m_{032}^{(22)} + 4m_{100}^{(10)}m_{111}^{(00)}m_{023}^{(21)} - 2m_{100}^{(10)}m_{111}^{(00)}m_{014}^{(11)} + 2m_{100}^{(10)}m_{111}^{(10)}m_{122}^{(22)} \\
 & & -4m_{100}^{(10)}m_{111}^{(10)}m_{113}^{(21)} + 2m_{100}^{(10)}m_{111}^{(10)}m_{104}^{(11)} + 2m_{100}^{(10)}m_{111}^{(11)}m_{203}^{(21)} - 2m_{100}^{(10)}m_{111}^{(11)}m_{113}^{(20)} \\
 & & -2m_{100}^{(10)}m_{111}^{(11)}m_{104}^{(10)} + 2m_{100}^{(10)}m_{111}^{(11)}m_{014}^{(00)} + 2m_{100}^{(10)}m_{111}^{(20)}m_{131}^{(22)} - 4m_{100}^{(10)}m_{111}^{(20)}m_{122}^{(21)} \\
 & & +2m_{100}^{(10)}m_{111}^{(20)}m_{113}^{(11)} - 2m_{100}^{(10)}m_{111}^{(21)}m_{221}^{(22)} - 2m_{100}^{(10)}m_{111}^{(21)}m_{203}^{(11)} + 4m_{100}^{(10)}m_{111}^{(21)}m_{122}^{(20)} \\
 & & +4m_{100}^{(10)}m_{111}^{(21)}m_{113}^{(10)} - 4m_{100}^{(10)}m_{111}^{(21)}m_{023}^{(00)} + 2m_{100}^{(10)}m_{111}^{(22)}m_{221}^{(21)} - 2m_{100}^{(10)}m_{111}^{(22)}m_{131}^{(20)} \\
 & & -2m_{100}^{(10)}m_{111}^{(22)}m_{122}^{(10)} + 2m_{100}^{(10)}m_{111}^{(22)}m_{032}^{(00)} + m_{100}^{(10)}m_{102}^{(00)}m_{041}^{(22)} - 2m_{100}^{(10)}m_{102}^{(00)}m_{032}^{(21)}
\end{array}
$$

$$+m_{100}^{(10)}m_{102}^{(00)}m_{023}^{(11)}-2m_{100}^{(10)}m_{102}^{(10)}m_{131}^{(22)}+4m_{100}^{(10)}m_{102}^{(10)}m_{122}^{(21)}-2m_{100}^{(10)}m_{102}^{(10)}m_{113}^{(11)}$$
$$+m_{100}^{(10)}m_{102}^{(11)}m_{221}^{(22)}-2m_{100}^{(10)}m_{102}^{(11)}m_{212}^{(21)}+2m_{100}^{(10)}m_{102}^{(11)}m_{113}^{(10)}-m_{100}^{(10)}m_{102}^{(11)}m_{023}^{(00)}$$
$$+2m_{100}^{(10)}m_{102}^{(21)}m_{212}^{(11)}-4m_{100}^{(10)}m_{102}^{(21)}m_{122}^{(10)}+2m_{100}^{(10)}m_{102}^{(21)}m_{032}^{(00)}-m_{100}^{(10)}m_{102}^{(22)}m_{221}^{(11)}$$
$$+2m_{100}^{(10)}m_{102}^{(22)}m_{131}^{(10)}-m_{100}^{(10)}m_{102}^{(22)}m_{041}^{(00)}-m_{100}^{(10)}m_{030}^{(00)}m_{113}^{(22)}+m_{100}^{(10)}m_{030}^{(00)}m_{104}^{(21)}$$
$$+m_{100}^{(10)}m_{030}^{(00)}m_{014}^{(20)}-m_{100}^{(10)}m_{030}^{(00)}m_{005}^{(10)}+m_{100}^{(10)}m_{030}^{(10)}m_{203}^{(22)}-2m_{100}^{(10)}m_{030}^{(10)}m_{104}^{(20)}$$
$$+m_{100}^{(10)}m_{030}^{(10)}m_{005}^{(00)}+m_{100}^{(10)}m_{030}^{(20)}m_{212}^{(22)}-2m_{100}^{(10)}m_{030}^{(20)}m_{203}^{(21)}+2m_{100}^{(10)}m_{030}^{(20)}m_{104}^{(10)}$$
$$-m_{100}^{(10)}m_{030}^{(20)}m_{014}^{(00)}-m_{100}^{(10)}m_{030}^{(21)}m_{302}^{(22)}+2m_{100}^{(10)}m_{030}^{(21)}m_{203}^{(20)}-m_{100}^{(10)}m_{030}^{(21)}m_{104}^{(00)}$$
$$+m_{100}^{(10)}m_{030}^{(22)}m_{302}^{(21)}-m_{100}^{(10)}m_{030}^{(22)}m_{212}^{(20)}-m_{100}^{(10)}m_{030}^{(22)}m_{203}^{(10)}+m_{100}^{(10)}m_{030}^{(22)}m_{113}^{(00)}$$
$$+2m_{100}^{(10)}m_{021}^{(00)}m_{122}^{(22)}-m_{100}^{(10)}m_{021}^{(00)}m_{113}^{(21)}-m_{100}^{(10)}m_{021}^{(00)}m_{104}^{(11)}-3m_{100}^{(10)}m_{021}^{(00)}m_{023}^{(20)}$$
$$+3m_{100}^{(10)}m_{021}^{(00)}m_{014}^{(10)}-3m_{100}^{(10)}m_{021}^{(10)}m_{212}^{(22)}+6m_{100}^{(10)}m_{021}^{(10)}m_{113}^{(20)}-3m_{100}^{(10)}m_{021}^{(10)}m_{014}^{(00)}$$
$$+m_{100}^{(10)}m_{021}^{(11)}m_{302}^{(22)}-2m_{100}^{(10)}m_{021}^{(11)}m_{203}^{(20)}+m_{100}^{(10)}m_{021}^{(11)}m_{104}^{(00)}-m_{100}^{(10)}m_{021}^{(20)}m_{221}^{(22)}$$
$$+2m_{100}^{(10)}m_{021}^{(20)}m_{212}^{(21)}+2m_{100}^{(10)}m_{021}^{(20)}m_{203}^{(11)}-6m_{100}^{(10)}m_{021}^{(20)}m_{113}^{(10)}+3m_{100}^{(10)}m_{021}^{(20)}m_{023}^{(00)}$$
$$+m_{100}^{(10)}m_{021}^{(21)}m_{311}^{(22)}-2m_{100}^{(10)}m_{021}^{(21)}m_{212}^{(20)}+m_{100}^{(10)}m_{021}^{(21)}m_{113}^{(00)}-m_{100}^{(10)}m_{021}^{(21)}m_{311}^{(21)}$$
$$-m_{100}^{(10)}m_{021}^{(22)}m_{302}^{(11)}+m_{100}^{(10)}m_{021}^{(22)}m_{221}^{(20)}+3m_{100}^{(10)}m_{021}^{(22)}m_{212}^{(10)}-2m_{100}^{(10)}m_{021}^{(22)}m_{122}^{(00)}$$
$$-m_{100}^{(10)}m_{012}^{(00)}m_{131}^{(22)}-m_{100}^{(10)}m_{012}^{(00)}m_{122}^{(21)}+2m_{100}^{(10)}m_{012}^{(00)}m_{113}^{(11)}+3m_{100}^{(10)}m_{012}^{(00)}m_{032}^{(20)}$$
$$-3m_{100}^{(10)}m_{012}^{(00)}m_{023}^{(10)}+2m_{100}^{(10)}m_{012}^{(10)}m_{221}^{(22)}+2m_{100}^{(10)}m_{012}^{(10)}m_{212}^{(21)}-m_{100}^{(10)}m_{012}^{(10)}m_{203}^{(11)}$$
$$-6m_{100}^{(10)}m_{012}^{(10)}m_{122}^{(20)}+3m_{100}^{(10)}m_{012}^{(10)}m_{023}^{(00)}-m_{100}^{(10)}m_{012}^{(11)}m_{311}^{(22)}-m_{100}^{(10)}m_{012}^{(11)}m_{302}^{(21)}$$
$$+3m_{100}^{(10)}m_{012}^{(11)}m_{212}^{(20)}+m_{100}^{(10)}m_{012}^{(11)}m_{203}^{(10)}-2m_{100}^{(10)}m_{012}^{(11)}m_{113}^{(00)}-3m_{100}^{(10)}m_{012}^{(20)}m_{212}^{(11)}$$
$$+6m_{100}^{(10)}m_{012}^{(20)}m_{122}^{(10)}-3m_{100}^{(10)}m_{012}^{(20)}m_{032}^{(00)}+m_{100}^{(10)}m_{012}^{(21)}m_{302}^{(11)}-2m_{100}^{(10)}m_{012}^{(21)}m_{212}^{(10)}$$
$$+m_{100}^{(10)}m_{012}^{(21)}m_{122}^{(00)}+m_{100}^{(10)}m_{012}^{(22)}m_{311}^{(11)}-2m_{100}^{(10)}m_{012}^{(22)}m_{221}^{(10)}+m_{100}^{(10)}m_{012}^{(22)}m_{131}^{(00)}$$
$$+m_{100}^{(10)}m_{003}^{(00)}m_{131}^{(21)}-m_{100}^{(10)}m_{003}^{(00)}m_{122}^{(11)}-m_{100}^{(10)}m_{003}^{(00)}m_{041}^{(20)}+m_{100}^{(10)}m_{003}^{(00)}m_{032}^{(10)}$$
$$-2m_{100}^{(10)}m_{003}^{(10)}m_{221}^{(21)}+m_{100}^{(10)}m_{003}^{(10)}m_{212}^{(11)}+2m_{100}^{(10)}m_{003}^{(10)}m_{131}^{(20)}-m_{100}^{(10)}m_{003}^{(10)}m_{032}^{(00)}$$
$$+m_{100}^{(10)}m_{003}^{(11)}m_{311}^{(21)}-m_{100}^{(10)}m_{003}^{(11)}m_{221}^{(20)}-m_{100}^{(10)}m_{003}^{(11)}m_{212}^{(10)}+m_{100}^{(10)}m_{003}^{(11)}m_{122}^{(00)}$$
$$+m_{100}^{(10)}m_{003}^{(20)}m_{221}^{(11)}-2m_{100}^{(10)}m_{003}^{(20)}m_{131}^{(10)}+m_{100}^{(10)}m_{003}^{(20)}m_{041}^{(00)}-m_{100}^{(10)}m_{003}^{(21)}m_{311}^{(11)}$$
$$+2m_{100}^{(10)}m_{003}^{(21)}m_{221}^{(10)}-m_{100}^{(10)}m_{003}^{(21)}m_{131}^{(00)}+m_{100}^{(11)}m_{300}^{(10)}m_{023}^{(22)}-2m_{100}^{(11)}m_{300}^{(10)}m_{014}^{(21)}$$
$$+m_{100}^{(11)}m_{300}^{(10)}m_{005}^{(11)}-m_{100}^{(11)}m_{300}^{(11)}m_{113}^{(22)}+m_{100}^{(11)}m_{300}^{(11)}m_{104}^{(21)}+m_{100}^{(11)}m_{300}^{(11)}m_{014}^{(20)}$$
$$-m_{100}^{(11)}m_{300}^{(11)}m_{005}^{(10)}-m_{100}^{(11)}m_{300}^{(20)}m_{032}^{(22)}+2m_{100}^{(11)}m_{300}^{(20)}m_{023}^{(21)}-m_{100}^{(11)}m_{300}^{(20)}m_{014}^{(11)}$$
$$+m_{100}^{(11)}m_{300}^{(21)}m_{122}^{(22)}-m_{100}^{(11)}m_{300}^{(21)}m_{104}^{(11)}-2m_{100}^{(11)}m_{300}^{(21)}m_{023}^{(20)}+2m_{100}^{(11)}m_{300}^{(21)}m_{014}^{(10)}$$
$$-m_{100}^{(11)}m_{300}^{(22)}m_{122}^{(21)}+m_{100}^{(11)}m_{300}^{(22)}m_{113}^{(11)}+m_{100}^{(11)}m_{300}^{(22)}m_{032}^{(20)}-m_{100}^{(11)}m_{300}^{(22)}m_{023}^{(10)}$$
$$-m_{100}^{(11)}m_{210}^{(00)}m_{023}^{(22)}+2m_{100}^{(11)}m_{210}^{(00)}m_{014}^{(21)}-m_{100}^{(11)}m_{210}^{(00)}m_{005}^{(11)}+m_{100}^{(11)}m_{210}^{(11)}m_{203}^{(22)}$$
$$-2m_{100}^{(11)}m_{210}^{(11)}m_{104}^{(20)}+m_{100}^{(11)}m_{210}^{(11)}m_{005}^{(00)}+2m_{100}^{(11)}m_{210}^{(20)}m_{122}^{(22)}-4m_{100}^{(11)}m_{210}^{(20)}m_{113}^{(21)}$$
$$+2m_{100}^{(11)}m_{210}^{(20)}m_{104}^{(11)}-2m_{100}^{(11)}m_{210}^{(21)}m_{212}^{(22)}+4m_{100}^{(11)}m_{210}^{(21)}m_{113}^{(20)}-2m_{100}^{(11)}m_{210}^{(21)}m_{014}^{(00)}$$
$$+2m_{100}^{(11)}m_{210}^{(22)}m_{212}^{(21)}-m_{100}^{(11)}m_{210}^{(22)}m_{203}^{(11)}-2m_{100}^{(11)}m_{210}^{(22)}m_{122}^{(20)}+m_{100}^{(11)}m_{210}^{(22)}m_{023}^{(00)}$$
$$+m_{100}^{(11)}m_{201}^{(00)}m_{032}^{(22)}-2m_{100}^{(11)}m_{201}^{(00)}m_{023}^{(21)}+m_{100}^{(11)}m_{201}^{(00)}m_{014}^{(11)}-3m_{100}^{(11)}m_{201}^{(10)}m_{122}^{(22)}$$
$$+6m_{100}^{(11)}m_{201}^{(10)}m_{113}^{(21)}-3m_{100}^{(11)}m_{201}^{(10)}m_{104}^{(11)}+2m_{100}^{(11)}m_{201}^{(11)}m_{212}^{(22)}-3m_{100}^{(11)}m_{201}^{(11)}m_{203}^{(21)}$$
$$-m_{100}^{(11)}m_{201}^{(11)}m_{113}^{(20)}+3m_{100}^{(11)}m_{201}^{(11)}m_{104}^{(10)}-m_{100}^{(11)}m_{201}^{(11)}m_{014}^{(00)}+m_{100}^{(11)}m_{201}^{(20)}m_{131}^{(22)}$$
$$-2m_{100}^{(11)}m_{201}^{(20)}m_{122}^{(21)}+m_{100}^{(11)}m_{201}^{(20)}m_{113}^{(11)}-m_{100}^{(11)}m_{201}^{(21)}m_{221}^{(22)}+3m_{100}^{(11)}m_{201}^{(21)}m_{203}^{(11)}$$
$$+2m_{100}^{(11)}m_{201}^{(21)}m_{122}^{(20)}-6m_{100}^{(11)}m_{201}^{(21)}m_{113}^{(10)}+2m_{100}^{(11)}m_{201}^{(21)}m_{023}^{(00)}+m_{100}^{(11)}m_{201}^{(22)}m_{221}^{(21)}$$

$$
\begin{aligned}
&-2m_{100}^{(11)}m_{201}^{(22)}m_{212}^{(11)} - m_{100}^{(11)}m_{201}^{(22)}m_{131}^{(20)} + 3m_{100}^{(11)}m_{201}^{(22)}m_{122}^{(10)} - m_{100}^{(11)}m_{201}^{(22)}m_{032}^{(00)}\\
&+m_{100}^{(11)}m_{120}^{(00)}m_{113}^{(22)} - m_{100}^{(11)}m_{120}^{(00)}m_{104}^{(21)} - m_{100}^{(11)}m_{120}^{(00)}m_{014}^{(20)} + m_{100}^{(11)}m_{120}^{(00)}m_{005}^{(10)}\\
&-m_{100}^{(11)}m_{120}^{(10)}m_{203}^{(22)} + 2m_{100}^{(11)}m_{120}^{(10)}m_{104}^{(20)} - m_{100}^{(11)}m_{120}^{(10)}m_{005}^{(00)} - m_{100}^{(11)}m_{120}^{(20)}m_{212}^{(22)}\\
&+2m_{100}^{(11)}m_{120}^{(20)}m_{203}^{(21)} - 2m_{100}^{(11)}m_{120}^{(20)}m_{104}^{(10)} + m_{100}^{(11)}m_{120}^{(20)}m_{014}^{(00)} + m_{100}^{(11)}m_{120}^{(21)}m_{302}^{(22)}\\
&-2m_{100}^{(11)}m_{120}^{(21)}m_{203}^{(20)} + m_{100}^{(11)}m_{120}^{(21)}m_{104}^{(00)} - m_{100}^{(11)}m_{120}^{(22)}m_{302}^{(21)} + m_{100}^{(11)}m_{120}^{(22)}m_{212}^{(20)}\\
&+m_{100}^{(11)}m_{120}^{(22)}m_{203}^{(10)} - m_{100}^{(11)}m_{120}^{(22)}m_{113}^{(00)} - 2m_{100}^{(11)}m_{111}^{(00)}m_{113}^{(21)} + 2m_{100}^{(11)}m_{111}^{(00)}m_{104}^{(11)}\\
&+2m_{100}^{(11)}m_{111}^{(00)}m_{023}^{(20)} - 2m_{100}^{(11)}m_{111}^{(00)}m_{014}^{(10)} + 2m_{100}^{(11)}m_{111}^{(10)}m_{212}^{(22)} - 4m_{100}^{(11)}m_{111}^{(10)}m_{113}^{(20)}\\
&+2m_{100}^{(11)}m_{111}^{(10)}m_{014}^{(00)} - 2m_{100}^{(11)}m_{111}^{(11)}m_{302}^{(22)} + 4m_{100}^{(11)}m_{111}^{(11)}m_{203}^{(20)} - 2m_{100}^{(11)}m_{111}^{(11)}m_{104}^{(00)}\\
&-2m_{100}^{(11)}m_{111}^{(20)}m_{221}^{(22)} + 4m_{100}^{(11)}m_{111}^{(20)}m_{212}^{(21)} - 4m_{100}^{(11)}m_{111}^{(20)}m_{203}^{(11)} + 4m_{100}^{(11)}m_{111}^{(20)}m_{113}^{(10)}\\
&-2m_{100}^{(11)}m_{111}^{(20)}m_{023}^{(00)} + 2m_{100}^{(11)}m_{111}^{(21)}m_{311}^{(22)} - 4m_{100}^{(11)}m_{111}^{(21)}m_{212}^{(20)} + 2m_{100}^{(11)}m_{111}^{(21)}m_{113}^{(00)}\\
&-2m_{100}^{(11)}m_{111}^{(22)}m_{311}^{(21)} + 2m_{100}^{(11)}m_{111}^{(22)}m_{302}^{(11)} + 2m_{100}^{(11)}m_{111}^{(22)}m_{221}^{(20)} - 2m_{100}^{(11)}m_{111}^{(22)}m_{212}^{(10)}\\
&-m_{100}^{(11)}m_{102}^{(00)}m_{131}^{(22)} + 3m_{100}^{(11)}m_{102}^{(00)}m_{122}^{(21)} - 2m_{100}^{(11)}m_{102}^{(00)}m_{113}^{(11)} - m_{100}^{(11)}m_{102}^{(00)}m_{032}^{(20)}\\
&+m_{100}^{(11)}m_{102}^{(00)}m_{023}^{(10)} + 2m_{100}^{(11)}m_{102}^{(10)}m_{221}^{(22)} - 6m_{100}^{(11)}m_{102}^{(10)}m_{212}^{(21)} + 3m_{100}^{(11)}m_{102}^{(10)}m_{203}^{(11)}\\
&+2m_{100}^{(11)}m_{102}^{(10)}m_{122}^{(20)} - m_{100}^{(11)}m_{102}^{(10)}m_{023}^{(00)} - m_{100}^{(11)}m_{102}^{(11)}m_{311}^{(22)} + 3m_{100}^{(11)}m_{102}^{(11)}m_{302}^{(21)}\\
&-m_{100}^{(11)}m_{102}^{(11)}m_{212}^{(20)} - 3m_{100}^{(11)}m_{102}^{(11)}m_{203}^{(10)} + 2m_{100}^{(11)}m_{102}^{(11)}m_{113}^{(00)} + m_{100}^{(11)}m_{102}^{(20)}m_{212}^{(11)}\\
&-2m_{100}^{(11)}m_{102}^{(20)}m_{122}^{(10)} + m_{100}^{(11)}m_{102}^{(20)}m_{032}^{(00)} - 3m_{100}^{(11)}m_{102}^{(21)}m_{302}^{(11)} + 6m_{100}^{(11)}m_{102}^{(21)}m_{212}^{(10)}\\
&-3m_{100}^{(11)}m_{102}^{(21)}m_{122}^{(00)} + m_{100}^{(11)}m_{102}^{(22)}m_{311}^{(11)} - 2m_{100}^{(11)}m_{102}^{(22)}m_{221}^{(10)} + m_{100}^{(11)}m_{102}^{(22)}m_{131}^{(00)}\\
&-m_{100}^{(11)}m_{021}^{(00)}m_{212}^{(22)} + m_{100}^{(11)}m_{021}^{(00)}m_{203}^{(21)} + m_{100}^{(11)}m_{021}^{(00)}m_{113}^{(20)} - m_{100}^{(11)}m_{021}^{(00)}m_{104}^{(10)}\\
&+m_{100}^{(11)}m_{021}^{(10)}m_{302}^{(22)} - 2m_{100}^{(11)}m_{021}^{(10)}m_{203}^{(20)} + m_{100}^{(11)}m_{021}^{(10)}m_{104}^{(00)} + m_{100}^{(11)}m_{021}^{(20)}m_{311}^{(22)}\\
&-2m_{100}^{(11)}m_{021}^{(20)}m_{302}^{(21)} + 2m_{100}^{(11)}m_{021}^{(20)}m_{203}^{(10)} - m_{100}^{(11)}m_{021}^{(20)}m_{113}^{(00)} - m_{100}^{(11)}m_{021}^{(21)}m_{401}^{(22)}\\
&+2m_{100}^{(11)}m_{021}^{(21)}m_{302}^{(20)} - m_{100}^{(11)}m_{021}^{(21)}m_{203}^{(00)} + m_{100}^{(11)}m_{021}^{(22)}m_{401}^{(21)} - m_{100}^{(11)}m_{021}^{(22)}m_{311}^{(20)}\\
&-m_{100}^{(11)}m_{021}^{(22)}m_{302}^{(10)} + m_{100}^{(11)}m_{021}^{(22)}m_{212}^{(00)} + m_{100}^{(11)}m_{012}^{(00)}m_{221}^{(22)} - m_{100}^{(11)}m_{012}^{(00)}m_{203}^{(11)}\\
&-2m_{100}^{(11)}m_{012}^{(00)}m_{122}^{(20)} + 2m_{100}^{(11)}m_{012}^{(00)}m_{113}^{(10)} - 2m_{100}^{(11)}m_{012}^{(10)}m_{311}^{(22)} + 4m_{100}^{(11)}m_{012}^{(10)}m_{212}^{(20)}\\
&-2m_{100}^{(11)}m_{012}^{(10)}m_{113}^{(00)} + m_{100}^{(11)}m_{012}^{(11)}m_{401}^{(22)} - 2m_{100}^{(11)}m_{012}^{(11)}m_{302}^{(20)} + m_{100}^{(11)}m_{012}^{(11)}m_{203}^{(00)}\\
&+2m_{100}^{(11)}m_{012}^{(20)}m_{302}^{(11)} - 4m_{100}^{(11)}m_{012}^{(20)}m_{212}^{(10)} + 2m_{100}^{(11)}m_{012}^{(20)}m_{122}^{(00)} - m_{100}^{(11)}m_{012}^{(22)}m_{401}^{(11)}\\
&+2m_{100}^{(11)}m_{012}^{(22)}m_{311}^{(10)} - m_{100}^{(11)}m_{012}^{(22)}m_{221}^{(00)} - m_{100}^{(11)}m_{003}^{(00)}m_{221}^{(21)} + m_{100}^{(11)}m_{003}^{(00)}m_{212}^{(11)}\\
&+m_{100}^{(11)}m_{003}^{(00)}m_{131}^{(20)} - m_{100}^{(11)}m_{003}^{(00)}m_{122}^{(10)} + 2m_{100}^{(11)}m_{003}^{(10)}m_{311}^{(21)} - m_{100}^{(11)}m_{003}^{(10)}m_{302}^{(11)}\\
&-2m_{100}^{(11)}m_{003}^{(10)}m_{221}^{(20)} + m_{100}^{(11)}m_{003}^{(10)}m_{122}^{(00)} - m_{100}^{(11)}m_{003}^{(11)}m_{401}^{(21)} + m_{100}^{(11)}m_{003}^{(11)}m_{311}^{(20)}\\
&+m_{100}^{(11)}m_{003}^{(11)}m_{302}^{(10)} - m_{100}^{(11)}m_{003}^{(11)}m_{212}^{(00)} - m_{100}^{(11)}m_{003}^{(20)}m_{311}^{(11)} + 2m_{100}^{(11)}m_{003}^{(20)}m_{221}^{(10)}\\
&-m_{100}^{(11)}m_{003}^{(20)}m_{131}^{(00)} + m_{100}^{(11)}m_{003}^{(21)}m_{401}^{(11)} - 2m_{100}^{(11)}m_{003}^{(21)}m_{311}^{(10)} + m_{100}^{(11)}m_{003}^{(21)}m_{221}^{(00)}\\
&+m_{100}^{(20)}m_{210}^{(10)}m_{032}^{(22)} - 2m_{100}^{(20)}m_{210}^{(10)}m_{023}^{(21)} + m_{100}^{(20)}m_{210}^{(10)}m_{014}^{(11)} - m_{100}^{(20)}m_{210}^{(11)}m_{122}^{(22)}\\
&+m_{100}^{(20)}m_{210}^{(11)}m_{113}^{(21)} + m_{100}^{(20)}m_{210}^{(11)}m_{023}^{(20)} - m_{100}^{(20)}m_{210}^{(11)}m_{014}^{(10)} - m_{100}^{(20)}m_{210}^{(20)}m_{041}^{(22)}\\
&+2m_{100}^{(20)}m_{210}^{(20)}m_{032}^{(21)} - m_{100}^{(20)}m_{210}^{(20)}m_{023}^{(11)} + m_{100}^{(20)}m_{210}^{(21)}m_{131}^{(22)} - m_{100}^{(20)}m_{210}^{(21)}m_{113}^{(11)}\\
&-2m_{100}^{(20)}m_{210}^{(21)}m_{032}^{(20)} + 2m_{100}^{(20)}m_{210}^{(21)}m_{023}^{(10)} - m_{100}^{(20)}m_{210}^{(22)}m_{131}^{(21)} + m_{100}^{(20)}m_{210}^{(22)}m_{122}^{(11)}\\
&+m_{100}^{(20)}m_{210}^{(22)}m_{041}^{(20)} - m_{100}^{(20)}m_{210}^{(22)}m_{032}^{(10)} - m_{100}^{(20)}m_{201}^{(10)}m_{041}^{(22)} + 2m_{100}^{(20)}m_{201}^{(10)}m_{032}^{(21)}\\
&-m_{100}^{(20)}m_{201}^{(10)}m_{023}^{(11)} + m_{100}^{(20)}m_{201}^{(11)}m_{131}^{(22)} - m_{100}^{(20)}m_{201}^{(11)}m_{122}^{(21)} - m_{100}^{(20)}m_{201}^{(11)}m_{032}^{(20)}\\
&+m_{100}^{(20)}m_{201}^{(11)}m_{023}^{(10)} + m_{100}^{(20)}m_{201}^{(20)}m_{050}^{(22)} - 2m_{100}^{(20)}m_{201}^{(20)}m_{041}^{(21)} + m_{100}^{(20)}m_{201}^{(20)}m_{032}^{(11)}\\
&-m_{100}^{(20)}m_{201}^{(21)}m_{140}^{(22)} + m_{100}^{(20)}m_{201}^{(21)}m_{122}^{(11)} + 2m_{100}^{(20)}m_{201}^{(21)}m_{041}^{(20)} - 2m_{100}^{(20)}m_{201}^{(21)}m_{032}^{(10)}
\end{aligned}
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\begin{aligned}
&+m_{100}^{(20)}m_{201}^{(22)}m_{140}^{(21)} - m_{100}^{(20)}m_{201}^{(22)}m_{131}^{(11)} - m_{100}^{(20)}m_{201}^{(22)}m_{050}^{(20)} + m_{100}^{(20)}m_{201}^{(22)}m_{041}^{(10)}\\
&-m_{100}^{(20)}m_{120}^{(00)}m_{032}^{(22)} + 2m_{100}^{(20)}m_{120}^{(00)}m_{023}^{(21)} - m_{100}^{(20)}m_{120}^{(00)}m_{014}^{(11)} + m_{100}^{(20)}m_{120}^{(11)}m_{212}^{(22)}\\
&-2m_{100}^{(20)}m_{120}^{(11)}m_{113}^{(20)} + m_{100}^{(20)}m_{120}^{(11)}m_{014}^{(00)} + 2m_{100}^{(20)}m_{120}^{(20)}m_{131}^{(22)} - 4m_{100}^{(20)}m_{120}^{(20)}m_{122}^{(21)}\\
&+2m_{100}^{(20)}m_{120}^{(20)}m_{113}^{(11)} - 2m_{100}^{(20)}m_{120}^{(21)}m_{221}^{(22)} + 4m_{100}^{(20)}m_{120}^{(21)}m_{122}^{(20)} - 2m_{100}^{(20)}m_{120}^{(21)}m_{023}^{(00)}\\
&+2m_{100}^{(20)}m_{120}^{(22)}m_{221}^{(21)} - m_{100}^{(20)}m_{120}^{(22)}m_{212}^{(11)} - 2m_{100}^{(20)}m_{120}^{(22)}m_{131}^{(20)} + m_{100}^{(20)}m_{120}^{(22)}m_{032}^{(00)}\\
&+2m_{100}^{(20)}m_{111}^{(00)}m_{041}^{(22)} - 4m_{100}^{(20)}m_{111}^{(00)}m_{032}^{(21)} + 2m_{100}^{(20)}m_{111}^{(00)}m_{023}^{(11)} - 2m_{100}^{(20)}m_{111}^{(10)}m_{131}^{(22)}\\
&+4m_{100}^{(20)}m_{111}^{(10)}m_{122}^{(21)} - 2m_{100}^{(20)}m_{111}^{(10)}m_{113}^{(11)} - 2m_{100}^{(20)}m_{111}^{(11)}m_{212}^{(21)} + 2m_{100}^{(20)}m_{111}^{(11)}m_{122}^{(20)}\\
&+2m_{100}^{(20)}m_{111}^{(11)}m_{113}^{(10)} - 2m_{100}^{(20)}m_{111}^{(11)}m_{023}^{(00)} - 2m_{100}^{(20)}m_{111}^{(20)}m_{140}^{(22)} + 4m_{100}^{(20)}m_{111}^{(20)}m_{131}^{(21)}\\
&-2m_{100}^{(20)}m_{111}^{(20)}m_{122}^{(11)} + 2m_{100}^{(20)}m_{111}^{(21)}m_{230}^{(22)} + 2m_{100}^{(20)}m_{111}^{(21)}m_{212}^{(11)} - 4m_{100}^{(20)}m_{111}^{(21)}m_{131}^{(20)}\\
&-4m_{100}^{(20)}m_{111}^{(21)}m_{122}^{(10)} + 4m_{100}^{(20)}m_{111}^{(21)}m_{032}^{(00)} - 2m_{100}^{(20)}m_{111}^{(22)}m_{230}^{(21)} + 2m_{100}^{(20)}m_{111}^{(22)}m_{140}^{(20)}\\
&+2m_{100}^{(20)}m_{111}^{(22)}m_{131}^{(10)} - 2m_{100}^{(20)}m_{111}^{(22)}m_{041}^{(00)} - m_{100}^{(20)}m_{102}^{(00)}m_{050}^{(22)} + 2m_{100}^{(20)}m_{102}^{(00)}m_{041}^{(21)}\\
&-m_{100}^{(20)}m_{102}^{(00)}m_{032}^{(11)} + 2m_{100}^{(20)}m_{102}^{(10)}m_{140}^{(22)} - 4m_{100}^{(20)}m_{102}^{(10)}m_{131}^{(21)} + 2m_{100}^{(20)}m_{102}^{(10)}m_{122}^{(11)}\\
&-m_{100}^{(20)}m_{102}^{(11)}m_{230}^{(22)} + 2m_{100}^{(20)}m_{102}^{(11)}m_{221}^{(21)} - 2m_{100}^{(20)}m_{102}^{(11)}m_{122}^{(10)} + m_{100}^{(20)}m_{102}^{(11)}m_{032}^{(00)}\\
&-2m_{100}^{(20)}m_{102}^{(21)}m_{221}^{(11)} + 4m_{100}^{(20)}m_{102}^{(21)}m_{131}^{(10)} - 2m_{100}^{(20)}m_{102}^{(21)}m_{041}^{(00)} + m_{100}^{(20)}m_{102}^{(22)}m_{230}^{(11)}\\
&-2m_{100}^{(20)}m_{102}^{(22)}m_{140}^{(10)} + m_{100}^{(20)}m_{102}^{(22)}m_{050}^{(00)} + m_{100}^{(20)}m_{030}^{(00)}m_{122}^{(22)} - m_{100}^{(20)}m_{030}^{(00)}m_{113}^{(21)}\\
&-m_{100}^{(20)}m_{030}^{(00)}m_{023}^{(20)} + m_{100}^{(20)}m_{030}^{(00)}m_{014}^{(10)} - m_{100}^{(20)}m_{030}^{(10)}m_{212}^{(22)} + 2m_{100}^{(20)}m_{030}^{(10)}m_{113}^{(20)}\\
&-m_{100}^{(20)}m_{030}^{(10)}m_{014}^{(00)} - m_{100}^{(20)}m_{030}^{(20)}m_{221}^{(22)} + 2m_{100}^{(20)}m_{030}^{(20)}m_{212}^{(21)} - 2m_{100}^{(20)}m_{030}^{(20)}m_{113}^{(10)}\\
&+m_{100}^{(20)}m_{030}^{(20)}m_{023}^{(00)} + m_{100}^{(20)}m_{030}^{(21)}m_{311}^{(22)} - 2m_{100}^{(20)}m_{030}^{(21)}m_{212}^{(20)} + m_{100}^{(20)}m_{030}^{(21)}m_{113}^{(00)}\\
&-m_{100}^{(20)}m_{030}^{(22)}m_{311}^{(21)} + m_{100}^{(20)}m_{030}^{(22)}m_{221}^{(20)} + m_{100}^{(20)}m_{030}^{(22)}m_{212}^{(10)} - m_{100}^{(20)}m_{030}^{(22)}m_{122}^{(00)}\\
&-2m_{100}^{(20)}m_{021}^{(00)}m_{131}^{(22)} + m_{100}^{(20)}m_{021}^{(00)}m_{122}^{(21)} + m_{100}^{(20)}m_{021}^{(00)}m_{113}^{(11)} + 3m_{100}^{(20)}m_{021}^{(00)}m_{032}^{(20)}\\
&-3m_{100}^{(20)}m_{021}^{(00)}m_{023}^{(10)} + 3m_{100}^{(20)}m_{021}^{(10)}m_{221}^{(22)} - 6m_{100}^{(20)}m_{021}^{(10)}m_{122}^{(20)} + 3m_{100}^{(20)}m_{021}^{(10)}m_{023}^{(00)}\\
&-m_{100}^{(20)}m_{021}^{(11)}m_{311}^{(22)} + 2m_{100}^{(20)}m_{021}^{(11)}m_{212}^{(20)} - m_{100}^{(20)}m_{021}^{(11)}m_{113}^{(00)} + m_{100}^{(20)}m_{021}^{(20)}m_{230}^{(22)}\\
&-2m_{100}^{(20)}m_{021}^{(20)}m_{221}^{(21)} - 2m_{100}^{(20)}m_{021}^{(20)}m_{212}^{(11)} + 6m_{100}^{(20)}m_{021}^{(20)}m_{122}^{(10)} - 3m_{100}^{(20)}m_{021}^{(20)}m_{032}^{(00)}\\
&-m_{100}^{(20)}m_{021}^{(21)}m_{320}^{(22)} + 2m_{100}^{(20)}m_{021}^{(21)}m_{221}^{(20)} - m_{100}^{(20)}m_{021}^{(21)}m_{122}^{(00)} + m_{100}^{(20)}m_{021}^{(22)}m_{320}^{(21)}\\
&+m_{100}^{(20)}m_{021}^{(22)}m_{311}^{(11)} - m_{100}^{(20)}m_{021}^{(22)}m_{230}^{(20)} - 3m_{100}^{(20)}m_{021}^{(22)}m_{221}^{(10)} + 2m_{100}^{(20)}m_{021}^{(22)}m_{131}^{(00)}\\
&+m_{100}^{(20)}m_{012}^{(00)}m_{140}^{(22)} + m_{100}^{(20)}m_{012}^{(00)}m_{131}^{(21)} - 2m_{100}^{(20)}m_{012}^{(00)}m_{122}^{(11)} - 3m_{100}^{(20)}m_{012}^{(00)}m_{041}^{(20)}\\
&+3m_{100}^{(20)}m_{012}^{(00)}m_{032}^{(10)} - 2m_{100}^{(20)}m_{012}^{(10)}m_{230}^{(22)} - 2m_{100}^{(20)}m_{012}^{(10)}m_{221}^{(21)} + m_{100}^{(20)}m_{012}^{(10)}m_{212}^{(11)}\\
&+6m_{100}^{(20)}m_{012}^{(10)}m_{131}^{(20)} - 3m_{100}^{(20)}m_{012}^{(10)}m_{032}^{(00)} + m_{100}^{(20)}m_{012}^{(11)}m_{320}^{(22)} + m_{100}^{(20)}m_{012}^{(11)}m_{311}^{(21)}\\
&-3m_{100}^{(20)}m_{012}^{(11)}m_{221}^{(20)} - m_{100}^{(20)}m_{012}^{(11)}m_{212}^{(10)} + 2m_{100}^{(20)}m_{012}^{(11)}m_{122}^{(00)} + 3m_{100}^{(20)}m_{012}^{(20)}m_{221}^{(11)}\\
&-6m_{100}^{(20)}m_{012}^{(20)}m_{131}^{(10)} + 3m_{100}^{(20)}m_{012}^{(20)}m_{041}^{(00)} - m_{100}^{(20)}m_{012}^{(21)}m_{311}^{(11)} + 2m_{100}^{(20)}m_{012}^{(21)}m_{221}^{(10)}\\
&-m_{100}^{(20)}m_{012}^{(21)}m_{131}^{(00)} - m_{100}^{(20)}m_{012}^{(22)}m_{320}^{(11)} + 2m_{100}^{(20)}m_{012}^{(22)}m_{230}^{(10)} - m_{100}^{(20)}m_{012}^{(22)}m_{140}^{(00)}\\
&-m_{100}^{(20)}m_{003}^{(00)}m_{140}^{(21)} + m_{100}^{(20)}m_{003}^{(00)}m_{131}^{(11)} + m_{100}^{(20)}m_{003}^{(00)}m_{050}^{(20)} - m_{100}^{(20)}m_{003}^{(00)}m_{041}^{(10)}\\
&+2m_{100}^{(20)}m_{003}^{(10)}m_{230}^{(21)} - m_{100}^{(20)}m_{003}^{(10)}m_{221}^{(11)} - 2m_{100}^{(20)}m_{003}^{(10)}m_{140}^{(20)} + m_{100}^{(20)}m_{003}^{(10)}m_{041}^{(00)}\\
&-m_{100}^{(20)}m_{003}^{(11)}m_{320}^{(21)} + m_{100}^{(20)}m_{003}^{(11)}m_{230}^{(20)} + m_{100}^{(20)}m_{003}^{(11)}m_{221}^{(10)} - m_{100}^{(20)}m_{003}^{(11)}m_{131}^{(00)}\\
&-m_{100}^{(20)}m_{003}^{(20)}m_{230}^{(11)} + 2m_{100}^{(20)}m_{003}^{(20)}m_{140}^{(10)} - m_{100}^{(20)}m_{003}^{(20)}m_{050}^{(00)} + m_{100}^{(20)}m_{003}^{(21)}m_{320}^{(11)}\\
&-2m_{100}^{(20)}m_{003}^{(21)}m_{230}^{(10)} + m_{100}^{(20)}m_{003}^{(21)}m_{140}^{(00)} - 2m_{100}^{(21)}m_{300}^{(10)}m_{032}^{(22)} + 4m_{100}^{(21)}m_{300}^{(10)}m_{023}^{(21)}\\
&-2m_{100}^{(21)}m_{300}^{(10)}m_{014}^{(11)} + 2m_{100}^{(21)}m_{300}^{(11)}m_{122}^{(22)} - 2m_{100}^{(21)}m_{300}^{(11)}m_{113}^{(21)} - 2m_{100}^{(21)}m_{300}^{(11)}m_{023}^{(20)}\\
&+2m_{100}^{(21)}m_{300}^{(11)}m_{014}^{(10)} + 2m_{100}^{(21)}m_{300}^{(20)}m_{041}^{(22)} - 4m_{100}^{(21)}m_{300}^{(20)}m_{032}^{(21)} + 2m_{100}^{(21)}m_{300}^{(20)}m_{023}^{(11)}
\end{aligned}
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\begin{aligned}
&-2m_{100}^{(21)}m_{300}^{(21)}m_{131}^{(22)}+2m_{100}^{(21)}m_{300}^{(21)}m_{113}^{(11)}+4m_{100}^{(21)}m_{300}^{(21)}m_{032}^{(20)}-4m_{100}^{(21)}m_{300}^{(21)}m_{023}^{(10)}\\
&+2m_{100}^{(21)}m_{300}^{(22)}m_{131}^{(21)}-2m_{100}^{(21)}m_{300}^{(22)}m_{122}^{(11)}-2m_{100}^{(21)}m_{300}^{(22)}m_{041}^{(20)}+2m_{100}^{(21)}m_{300}^{(22)}m_{032}^{(10)}\\
&+2m_{100}^{(21)}m_{210}^{(00)}m_{032}^{(22)}-4m_{100}^{(21)}m_{210}^{(00)}m_{023}^{(21)}+2m_{100}^{(21)}m_{210}^{(00)}m_{014}^{(11)}+m_{100}^{(21)}m_{210}^{(10)}m_{122}^{(22)}\\
&-2m_{100}^{(21)}m_{210}^{(10)}m_{113}^{(21)}+m_{100}^{(21)}m_{210}^{(10)}m_{104}^{(11)}-3m_{100}^{(21)}m_{210}^{(11)}m_{212}^{(22)}+m_{100}^{(21)}m_{210}^{(11)}m_{203}^{(21)}\\
&+5m_{100}^{(21)}m_{210}^{(11)}m_{113}^{(20)}-m_{100}^{(21)}m_{210}^{(11)}m_{104}^{(10)}-2m_{100}^{(21)}m_{210}^{(11)}m_{014}^{(00)}-5m_{100}^{(21)}m_{210}^{(20)}m_{131}^{(22)}\\
&+10m_{100}^{(21)}m_{210}^{(20)}m_{122}^{(21)}-5m_{100}^{(21)}m_{210}^{(20)}m_{113}^{(11)}+5m_{100}^{(21)}m_{210}^{(21)}m_{221}^{(22)}-m_{100}^{(21)}m_{210}^{(21)}m_{203}^{(11)}\\
&-10m_{100}^{(21)}m_{210}^{(21)}m_{122}^{(20)}+2m_{100}^{(21)}m_{210}^{(21)}m_{113}^{(10)}+4m_{100}^{(21)}m_{210}^{(21)}m_{023}^{(00)}-5m_{100}^{(21)}m_{210}^{(22)}m_{221}^{(21)}\\
&+3m_{100}^{(21)}m_{210}^{(22)}m_{212}^{(11)}+5m_{100}^{(21)}m_{210}^{(22)}m_{131}^{(20)}-m_{100}^{(21)}m_{210}^{(22)}m_{122}^{(10)}-2m_{100}^{(21)}m_{210}^{(22)}m_{032}^{(00)}\\
&-2m_{100}^{(21)}m_{201}^{(00)}m_{041}^{(22)}+4m_{100}^{(21)}m_{201}^{(00)}m_{032}^{(21)}-2m_{100}^{(21)}m_{201}^{(00)}m_{023}^{(11)}+5m_{100}^{(21)}m_{201}^{(10)}m_{131}^{(22)}\\
&-10m_{100}^{(21)}m_{201}^{(10)}m_{122}^{(21)}+5m_{100}^{(21)}m_{201}^{(10)}m_{113}^{(11)}-3m_{100}^{(21)}m_{201}^{(11)}m_{221}^{(22)}+5m_{100}^{(21)}m_{201}^{(11)}m_{212}^{(21)}\\
&+m_{100}^{(21)}m_{201}^{(11)}m_{122}^{(20)}-5m_{100}^{(21)}m_{201}^{(11)}m_{113}^{(10)}+2m_{100}^{(21)}m_{201}^{(11)}m_{023}^{(00)}-m_{100}^{(21)}m_{201}^{(20)}m_{140}^{(22)}\\
&+2m_{100}^{(21)}m_{201}^{(20)}m_{131}^{(21)}-m_{100}^{(21)}m_{201}^{(20)}m_{122}^{(11)}+m_{100}^{(21)}m_{201}^{(21)}m_{230}^{(22)}-5m_{100}^{(21)}m_{201}^{(21)}m_{212}^{(11)}\\
&-2m_{100}^{(21)}m_{201}^{(21)}m_{131}^{(20)}+10m_{100}^{(21)}m_{201}^{(21)}m_{122}^{(10)}-4m_{100}^{(21)}m_{201}^{(21)}m_{032}^{(00)}-m_{100}^{(21)}m_{201}^{(22)}m_{230}^{(21)}\\
&+3m_{100}^{(21)}m_{201}^{(22)}m_{221}^{(11)}+m_{100}^{(21)}m_{201}^{(22)}m_{140}^{(20)}-5m_{100}^{(21)}m_{201}^{(22)}m_{131}^{(10)}+2m_{100}^{(21)}m_{201}^{(22)}m_{041}^{(00)}\\
&-3m_{100}^{(21)}m_{120}^{(00)}m_{122}^{(22)}+4m_{100}^{(21)}m_{120}^{(00)}m_{113}^{(21)}-m_{100}^{(21)}m_{120}^{(00)}m_{104}^{(11)}+2m_{100}^{(21)}m_{120}^{(00)}m_{023}^{(20)}\\
&-2m_{100}^{(21)}m_{120}^{(00)}m_{014}^{(10)}+2m_{100}^{(21)}m_{120}^{(10)}m_{212}^{(22)}-4m_{100}^{(21)}m_{120}^{(10)}m_{113}^{(20)}+2m_{100}^{(21)}m_{120}^{(10)}m_{014}^{(00)}\\
&+m_{100}^{(21)}m_{120}^{(11)}m_{302}^{(22)}-2m_{100}^{(21)}m_{120}^{(11)}m_{203}^{(20)}+m_{100}^{(21)}m_{120}^{(11)}m_{104}^{(00)}+4m_{100}^{(21)}m_{120}^{(20)}m_{221}^{(22)}\\
&-8m_{100}^{(21)}m_{120}^{(20)}m_{212}^{(21)}+2m_{100}^{(21)}m_{120}^{(20)}m_{203}^{(11)}+4m_{100}^{(21)}m_{120}^{(20)}m_{113}^{(10)}-2m_{100}^{(21)}m_{120}^{(20)}m_{023}^{(00)}\\
&-4m_{100}^{(21)}m_{120}^{(21)}m_{311}^{(22)}+8m_{100}^{(21)}m_{120}^{(21)}m_{212}^{(20)}-4m_{100}^{(21)}m_{120}^{(21)}m_{113}^{(00)}+4m_{100}^{(21)}m_{120}^{(22)}m_{311}^{(21)}\\
&-m_{100}^{(21)}m_{120}^{(22)}m_{302}^{(11)}-4m_{100}^{(21)}m_{120}^{(22)}m_{221}^{(20)}-2m_{100}^{(21)}m_{120}^{(22)}m_{212}^{(10)}+3m_{100}^{(21)}m_{120}^{(22)}m_{122}^{(00)}\\
&+2m_{100}^{(21)}m_{111}^{(00)}m_{131}^{(22)}-2m_{100}^{(21)}m_{111}^{(00)}m_{113}^{(11)}-4m_{100}^{(21)}m_{111}^{(00)}m_{032}^{(20)}+4m_{100}^{(21)}m_{111}^{(00)}m_{023}^{(10)}\\
&-6m_{100}^{(21)}m_{111}^{(10)}m_{221}^{(22)}+4m_{100}^{(21)}m_{111}^{(10)}m_{212}^{(21)}-2m_{100}^{(21)}m_{111}^{(10)}m_{203}^{(11)}+8m_{100}^{(21)}m_{111}^{(10)}m_{122}^{(20)}\\
&-4m_{100}^{(21)}m_{111}^{(10)}m_{023}^{(00)}+4m_{100}^{(21)}m_{111}^{(11)}m_{311}^{(22)}-2m_{100}^{(21)}m_{111}^{(11)}m_{302}^{(21)}-6m_{100}^{(21)}m_{111}^{(11)}m_{212}^{(20)}\\
&+2m_{100}^{(21)}m_{111}^{(11)}m_{203}^{(10)}+2m_{100}^{(21)}m_{111}^{(11)}m_{113}^{(00)}+2m_{100}^{(21)}m_{111}^{(20)}m_{230}^{(22)}-4m_{100}^{(21)}m_{111}^{(20)}m_{221}^{(21)}\\
&+6m_{100}^{(21)}m_{111}^{(20)}m_{212}^{(11)}-8m_{100}^{(21)}m_{111}^{(20)}m_{122}^{(10)}+4m_{100}^{(21)}m_{111}^{(20)}m_{032}^{(00)}-2m_{100}^{(21)}m_{111}^{(21)}m_{320}^{(22)}\\
&+2m_{100}^{(21)}m_{111}^{(21)}m_{302}^{(11)}+4m_{100}^{(21)}m_{111}^{(21)}m_{221}^{(20)}-4m_{100}^{(21)}m_{111}^{(21)}m_{212}^{(10)}+2m_{100}^{(21)}m_{111}^{(22)}m_{320}^{(21)}\\
&-4m_{100}^{(21)}m_{111}^{(22)}m_{311}^{(11)}-2m_{100}^{(21)}m_{111}^{(22)}m_{230}^{(20)}+6m_{100}^{(21)}m_{111}^{(22)}m_{221}^{(10)}-2m_{100}^{(21)}m_{111}^{(22)}m_{131}^{(00)}\\
&+m_{100}^{(21)}m_{102}^{(00)}m_{140}^{(22)}-4m_{100}^{(21)}m_{102}^{(00)}m_{131}^{(21)}+3m_{100}^{(21)}m_{102}^{(00)}m_{122}^{(11)}+2m_{100}^{(21)}m_{102}^{(00)}m_{041}^{(20)}\\
&-2m_{100}^{(21)}m_{102}^{(00)}m_{032}^{(10)}-2m_{100}^{(21)}m_{102}^{(10)}m_{230}^{(22)}+8m_{100}^{(21)}m_{102}^{(10)}m_{221}^{(21)}-4m_{100}^{(21)}m_{102}^{(10)}m_{212}^{(11)}\\
&-4m_{100}^{(21)}m_{102}^{(10)}m_{131}^{(20)}+2m_{100}^{(21)}m_{102}^{(10)}m_{032}^{(00)}+m_{100}^{(21)}m_{102}^{(11)}m_{320}^{(22)}-4m_{100}^{(21)}m_{102}^{(11)}m_{311}^{(21)}\\
&+2m_{100}^{(21)}m_{102}^{(11)}m_{221}^{(20)}+4m_{100}^{(21)}m_{102}^{(11)}m_{212}^{(10)}-3m_{100}^{(21)}m_{102}^{(11)}m_{122}^{(00)}-2m_{100}^{(21)}m_{102}^{(20)}m_{221}^{(11)}\\
&+4m_{100}^{(21)}m_{102}^{(20)}m_{131}^{(10)}-2m_{100}^{(21)}m_{102}^{(20)}m_{041}^{(00)}+4m_{100}^{(21)}m_{102}^{(21)}m_{311}^{(11)}-8m_{100}^{(21)}m_{102}^{(21)}m_{221}^{(10)}\\
&+4m_{100}^{(21)}m_{102}^{(21)}m_{131}^{(00)}-m_{100}^{(21)}m_{102}^{(22)}m_{320}^{(11)}+2m_{100}^{(21)}m_{102}^{(22)}m_{230}^{(10)}-m_{100}^{(21)}m_{102}^{(22)}m_{140}^{(00)}\\
&+m_{100}^{(21)}m_{030}^{(00)}m_{212}^{(22)}-m_{100}^{(21)}m_{030}^{(00)}m_{203}^{(21)}-m_{100}^{(21)}m_{030}^{(00)}m_{113}^{(20)}+m_{100}^{(21)}m_{030}^{(00)}m_{104}^{(10)}\\
&-m_{100}^{(21)}m_{030}^{(10)}m_{302}^{(22)}+2m_{100}^{(21)}m_{030}^{(10)}m_{203}^{(20)}-m_{100}^{(21)}m_{030}^{(10)}m_{104}^{(00)}-m_{100}^{(21)}m_{030}^{(20)}m_{311}^{(22)}\\
&+2m_{100}^{(21)}m_{030}^{(20)}m_{302}^{(21)}-2m_{100}^{(21)}m_{030}^{(20)}m_{203}^{(10)}+m_{100}^{(21)}m_{030}^{(20)}m_{113}^{(00)}+m_{100}^{(21)}m_{030}^{(21)}m_{401}^{(22)}\\
&-2m_{100}^{(21)}m_{030}^{(21)}m_{302}^{(20)}+m_{100}^{(21)}m_{030}^{(21)}m_{203}^{(00)}-m_{100}^{(21)}m_{030}^{(22)}m_{401}^{(21)}+m_{100}^{(21)}m_{030}^{(22)}m_{311}^{(20)}\\
&+m_{100}^{(21)}m_{030}^{(22)}m_{302}^{(10)}-m_{100}^{(21)}m_{030}^{(22)}m_{212}^{(00)}-m_{100}^{(21)}m_{021}^{(00)}m_{212}^{(21)}+m_{100}^{(21)}m_{021}^{(00)}m_{203}^{(11)}
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\begin{aligned}
&+m_{100}^{(21)}m_{021}^{(00)}m_{122}^{(20)} - m_{100}^{(21)}m_{021}^{(00)}m_{113}^{(10)} + m_{100}^{(21)}m_{021}^{(10)}m_{311}^{(22)} - 2m_{100}^{(21)}m_{021}^{(10)}m_{212}^{(20)}\\
&+m_{100}^{(21)}m_{021}^{(10)}m_{113}^{(00)} - m_{100}^{(21)}m_{021}^{(11)}m_{401}^{(22)} + 2m_{100}^{(21)}m_{021}^{(11)}m_{302}^{(20)} - m_{100}^{(21)}m_{021}^{(11)}m_{203}^{(00)}\\
&-m_{100}^{(21)}m_{021}^{(20)}m_{320}^{(22)} + 2m_{100}^{(21)}m_{021}^{(20)}m_{311}^{(21)} - 2m_{100}^{(21)}m_{021}^{(20)}m_{302}^{(11)} + 2m_{100}^{(21)}m_{021}^{(20)}m_{212}^{(10)}\\
&-m_{100}^{(21)}m_{021}^{(20)}m_{122}^{(00)} + m_{100}^{(21)}m_{021}^{(21)}m_{410}^{(22)} - 2m_{100}^{(21)}m_{021}^{(21)}m_{311}^{(20)} + m_{100}^{(21)}m_{021}^{(21)}m_{212}^{(00)}\\
&-m_{100}^{(21)}m_{021}^{(22)}m_{410}^{(21)} + m_{100}^{(21)}m_{021}^{(22)}m_{401}^{(11)} + m_{100}^{(21)}m_{021}^{(22)}m_{320}^{(20)} - m_{100}^{(21)}m_{021}^{(22)}m_{311}^{(10)}\\
&-m_{100}^{(21)}m_{012}^{(00)}m_{230}^{(22)} + m_{100}^{(21)}m_{012}^{(00)}m_{221}^{(21)} + m_{100}^{(21)}m_{012}^{(00)}m_{131}^{(20)} - m_{100}^{(21)}m_{012}^{(00)}m_{122}^{(10)}\\
&+2m_{100}^{(21)}m_{012}^{(10)}m_{320}^{(22)} - 2m_{100}^{(21)}m_{012}^{(10)}m_{311}^{(21)} + m_{100}^{(21)}m_{012}^{(10)}m_{302}^{(11)} - 2m_{100}^{(21)}m_{012}^{(10)}m_{221}^{(20)}\\
&+m_{100}^{(21)}m_{012}^{(10)}m_{122}^{(00)} - m_{100}^{(21)}m_{012}^{(11)}m_{410}^{(22)} + m_{100}^{(21)}m_{012}^{(11)}m_{401}^{(21)} + m_{100}^{(21)}m_{012}^{(11)}m_{311}^{(20)}\\
&-m_{100}^{(21)}m_{012}^{(11)}m_{302}^{(10)} - m_{100}^{(21)}m_{012}^{(20)}m_{311}^{(11)} + 2m_{100}^{(21)}m_{012}^{(20)}m_{221}^{(10)} - m_{100}^{(21)}m_{012}^{(20)}m_{131}^{(00)}\\
&-m_{100}^{(21)}m_{012}^{(21)}m_{401}^{(11)} + 2m_{100}^{(21)}m_{012}^{(21)}m_{311}^{(10)} - m_{100}^{(21)}m_{012}^{(21)}m_{221}^{(00)} + m_{100}^{(21)}m_{012}^{(22)}m_{410}^{(11)}\\
&-2m_{100}^{(21)}m_{012}^{(22)}m_{320}^{(10)} + m_{100}^{(21)}m_{012}^{(22)}m_{230}^{(00)} + m_{100}^{(21)}m_{003}^{(00)}m_{230}^{(21)} - m_{100}^{(21)}m_{003}^{(00)}m_{221}^{(11)}\\
&-m_{100}^{(21)}m_{003}^{(00)}m_{140}^{(20)} + m_{100}^{(21)}m_{003}^{(00)}m_{131}^{(10)} - 2m_{100}^{(21)}m_{003}^{(10)}m_{320}^{(21)} + m_{100}^{(21)}m_{003}^{(10)}m_{311}^{(11)}\\
&+2m_{100}^{(21)}m_{003}^{(10)}m_{230}^{(20)} - m_{100}^{(21)}m_{003}^{(10)}m_{131}^{(00)} + m_{100}^{(21)}m_{003}^{(11)}m_{410}^{(21)} - m_{100}^{(21)}m_{003}^{(11)}m_{320}^{(20)}\\
&-m_{100}^{(21)}m_{003}^{(11)}m_{311}^{(10)} + m_{100}^{(21)}m_{003}^{(11)}m_{221}^{(00)} + m_{100}^{(21)}m_{003}^{(20)}m_{320}^{(11)} - 2m_{100}^{(21)}m_{003}^{(20)}m_{230}^{(10)}\\
&+m_{100}^{(21)}m_{003}^{(20)}m_{140}^{(00)} - m_{100}^{(21)}m_{003}^{(21)}m_{410}^{(11)} + 2m_{100}^{(21)}m_{003}^{(21)}m_{320}^{(10)} - m_{100}^{(21)}m_{003}^{(21)}m_{230}^{(00)}\\
&+m_{100}^{(22)}m_{300}^{(10)}m_{041}^{(22)} - 2m_{100}^{(22)}m_{300}^{(10)}m_{032}^{(21)} + m_{100}^{(22)}m_{300}^{(10)}m_{023}^{(11)} - m_{100}^{(22)}m_{300}^{(11)}m_{131}^{(22)}\\
&+m_{100}^{(22)}m_{300}^{(11)}m_{122}^{(21)} + m_{100}^{(22)}m_{300}^{(11)}m_{032}^{(20)} - m_{100}^{(22)}m_{300}^{(11)}m_{023}^{(10)} - m_{100}^{(22)}m_{300}^{(20)}m_{050}^{(22)}\\
&+2m_{100}^{(22)}m_{300}^{(20)}m_{041}^{(21)} - m_{100}^{(22)}m_{300}^{(20)}m_{032}^{(11)} + m_{100}^{(22)}m_{300}^{(21)}m_{140}^{(22)} - m_{100}^{(22)}m_{300}^{(21)}m_{122}^{(11)}\\
&-2m_{100}^{(22)}m_{300}^{(21)}m_{041}^{(20)} + 2m_{100}^{(22)}m_{300}^{(21)}m_{032}^{(10)} - m_{100}^{(22)}m_{300}^{(22)}m_{140}^{(21)} + m_{100}^{(22)}m_{300}^{(22)}m_{131}^{(11)}\\
&+m_{100}^{(22)}m_{300}^{(22)}m_{050}^{(20)} - m_{100}^{(22)}m_{300}^{(22)}m_{041}^{(10)} - m_{100}^{(22)}m_{210}^{(00)}m_{041}^{(22)} + 2m_{100}^{(22)}m_{210}^{(00)}m_{032}^{(21)}\\
&-m_{100}^{(22)}m_{210}^{(00)}m_{023}^{(11)} - m_{100}^{(22)}m_{210}^{(10)}m_{131}^{(22)} + 2m_{100}^{(22)}m_{210}^{(10)}m_{122}^{(21)} - m_{100}^{(22)}m_{210}^{(10)}m_{113}^{(11)}\\
&+2m_{100}^{(22)}m_{210}^{(11)}m_{221}^{(22)} - m_{100}^{(22)}m_{210}^{(11)}m_{212}^{(21)} - 3m_{100}^{(22)}m_{210}^{(11)}m_{122}^{(20)} + m_{100}^{(22)}m_{210}^{(11)}m_{113}^{(10)}\\
&+m_{100}^{(22)}m_{210}^{(11)}m_{023}^{(00)} + 3m_{100}^{(22)}m_{210}^{(20)}m_{140}^{(22)} - 6m_{100}^{(22)}m_{210}^{(20)}m_{131}^{(21)} + 3m_{100}^{(22)}m_{210}^{(20)}m_{122}^{(11)}\\
&-3m_{100}^{(22)}m_{210}^{(21)}m_{230}^{(22)} + m_{100}^{(22)}m_{210}^{(21)}m_{212}^{(11)} + 6m_{100}^{(22)}m_{210}^{(21)}m_{131}^{(20)} - 2m_{100}^{(22)}m_{210}^{(21)}m_{122}^{(10)}\\
&-2m_{100}^{(22)}m_{210}^{(21)}m_{032}^{(00)} + 3m_{100}^{(22)}m_{210}^{(22)}m_{230}^{(21)} - 2m_{100}^{(22)}m_{210}^{(22)}m_{221}^{(11)} - 3m_{100}^{(22)}m_{210}^{(22)}m_{140}^{(20)}\\
&+m_{100}^{(22)}m_{210}^{(22)}m_{131}^{(10)} + m_{100}^{(22)}m_{210}^{(22)}m_{041}^{(00)} + m_{100}^{(22)}m_{201}^{(00)}m_{050}^{(22)} - 2m_{100}^{(22)}m_{201}^{(00)}m_{041}^{(21)}\\
&+m_{100}^{(22)}m_{201}^{(00)}m_{032}^{(11)} - 2m_{100}^{(22)}m_{201}^{(10)}m_{140}^{(22)} + 4m_{100}^{(22)}m_{201}^{(10)}m_{131}^{(21)} - 2m_{100}^{(22)}m_{201}^{(10)}m_{122}^{(11)}\\
&+m_{100}^{(22)}m_{201}^{(11)}m_{230}^{(22)} - 2m_{100}^{(22)}m_{201}^{(11)}m_{221}^{(21)} + 2m_{100}^{(22)}m_{201}^{(11)}m_{122}^{(10)} - m_{100}^{(22)}m_{201}^{(11)}m_{032}^{(00)}\\
&+2m_{100}^{(22)}m_{201}^{(21)}m_{221}^{(11)} - 4m_{100}^{(22)}m_{201}^{(21)}m_{131}^{(10)} + 2m_{100}^{(22)}m_{201}^{(21)}m_{041}^{(00)} - m_{100}^{(22)}m_{201}^{(22)}m_{230}^{(11)}\\
&+2m_{100}^{(22)}m_{201}^{(22)}m_{140}^{(10)} - m_{100}^{(22)}m_{201}^{(22)}m_{050}^{(00)} + 2m_{100}^{(22)}m_{120}^{(00)}m_{131}^{(22)} - 3m_{100}^{(22)}m_{120}^{(00)}m_{122}^{(21)}\\
&+m_{100}^{(22)}m_{120}^{(00)}m_{113}^{(11)} - m_{100}^{(22)}m_{120}^{(00)}m_{032}^{(20)} + m_{100}^{(22)}m_{120}^{(00)}m_{023}^{(10)} - m_{100}^{(22)}m_{120}^{(10)}m_{221}^{(22)}\\
&+2m_{100}^{(22)}m_{120}^{(10)}m_{122}^{(20)} - m_{100}^{(22)}m_{120}^{(10)}m_{023}^{(00)} - m_{100}^{(22)}m_{120}^{(11)}m_{311}^{(22)} + 2m_{100}^{(22)}m_{120}^{(11)}m_{212}^{(20)}\\
&-m_{100}^{(22)}m_{120}^{(11)}m_{113}^{(00)} - 3m_{100}^{(22)}m_{120}^{(20)}m_{230}^{(22)} + 6m_{100}^{(22)}m_{120}^{(20)}m_{221}^{(21)} - 2m_{100}^{(22)}m_{120}^{(20)}m_{212}^{(11)}\\
&-2m_{100}^{(22)}m_{120}^{(20)}m_{122}^{(10)} + m_{100}^{(22)}m_{120}^{(20)}m_{032}^{(00)} + 3m_{100}^{(22)}m_{120}^{(21)}m_{320}^{(22)} - 6m_{100}^{(22)}m_{120}^{(21)}m_{221}^{(20)}\\
&+3m_{100}^{(22)}m_{120}^{(21)}m_{122}^{(00)} - 3m_{100}^{(22)}m_{120}^{(22)}m_{320}^{(21)} + m_{100}^{(22)}m_{120}^{(22)}m_{311}^{(11)} + 3m_{100}^{(22)}m_{120}^{(22)}m_{230}^{(20)}\\
&+m_{100}^{(22)}m_{120}^{(22)}m_{221}^{(10)} - 2m_{100}^{(22)}m_{120}^{(22)}m_{131}^{(00)} - 2m_{100}^{(22)}m_{111}^{(00)}m_{140}^{(22)} + 2m_{100}^{(22)}m_{111}^{(00)}m_{131}^{(21)}\\
&+2m_{100}^{(22)}m_{111}^{(00)}m_{041}^{(20)} - 2m_{100}^{(22)}m_{111}^{(00)}m_{032}^{(10)} + 4m_{100}^{(22)}m_{111}^{(10)}m_{230}^{(22)} - 4m_{100}^{(22)}m_{111}^{(10)}m_{221}^{(21)}\\
&+2m_{100}^{(22)}m_{111}^{(10)}m_{212}^{(11)} - 4m_{100}^{(22)}m_{111}^{(10)}m_{131}^{(20)} + 2m_{100}^{(22)}m_{111}^{(10)}m_{032}^{(00)} - 2m_{100}^{(22)}m_{111}^{(11)}m_{320}^{(22)}
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\begin{aligned}
&+2m_{100}^{(22)}m_{111}^{(11)}m_{311}^{(21)}+2m_{100}^{(22)}m_{111}^{(11)}m_{221}^{(20)}-2m_{100}^{(22)}m_{111}^{(11)}m_{212}^{(10)}-2m_{100}^{(22)}m_{111}^{(20)}m_{221}^{(11)}\\
&+4m_{100}^{(22)}m_{111}^{(20)}m_{131}^{(10)}-2m_{100}^{(22)}m_{111}^{(20)}m_{041}^{(00)}-2m_{100}^{(22)}m_{111}^{(21)}m_{311}^{(11)}+4m_{100}^{(22)}m_{111}^{(21)}m_{221}^{(10)}\\
&-2m_{100}^{(22)}m_{111}^{(21)}m_{131}^{(00)}+2m_{100}^{(22)}m_{111}^{(22)}m_{320}^{(11)}-4m_{100}^{(22)}m_{111}^{(22)}m_{230}^{(10)}+2m_{100}^{(22)}m_{111}^{(22)}m_{140}^{(00)}\\
&+m_{100}^{(22)}m_{102}^{(00)}m_{140}^{(21)}-m_{100}^{(22)}m_{102}^{(00)}m_{131}^{(11)}-m_{100}^{(22)}m_{102}^{(00)}m_{050}^{(20)}+m_{100}^{(22)}m_{102}^{(00)}m_{041}^{(10)}\\
&-2m_{100}^{(22)}m_{102}^{(10)}m_{230}^{(21)}+m_{100}^{(22)}m_{102}^{(10)}m_{221}^{(11)}+2m_{100}^{(22)}m_{102}^{(10)}m_{140}^{(20)}-m_{100}^{(22)}m_{102}^{(10)}m_{041}^{(00)}\\
&+m_{100}^{(22)}m_{102}^{(11)}m_{320}^{(21)}-m_{100}^{(22)}m_{102}^{(11)}m_{230}^{(20)}-m_{100}^{(22)}m_{102}^{(11)}m_{221}^{(10)}+m_{100}^{(22)}m_{102}^{(11)}m_{131}^{(00)}\\
&+m_{100}^{(22)}m_{102}^{(20)}m_{230}^{(11)}-2m_{100}^{(22)}m_{102}^{(20)}m_{140}^{(10)}+m_{100}^{(22)}m_{102}^{(20)}m_{050}^{(00)}-m_{100}^{(22)}m_{102}^{(21)}m_{320}^{(11)}\\
&+2m_{100}^{(22)}m_{102}^{(21)}m_{230}^{(10)}-m_{100}^{(22)}m_{102}^{(21)}m_{140}^{(00)}-m_{100}^{(22)}m_{030}^{(00)}m_{221}^{(22)}+m_{100}^{(22)}m_{030}^{(00)}m_{212}^{(21)}\\
&+m_{100}^{(22)}m_{030}^{(00)}m_{122}^{(20)}-m_{100}^{(22)}m_{030}^{(00)}m_{113}^{(10)}+m_{100}^{(22)}m_{030}^{(10)}m_{311}^{(22)}-2m_{100}^{(22)}m_{030}^{(10)}m_{212}^{(20)}\\
&+m_{100}^{(22)}m_{030}^{(10)}m_{113}^{(00)}+m_{100}^{(22)}m_{030}^{(20)}m_{320}^{(22)}-2m_{100}^{(22)}m_{030}^{(20)}m_{311}^{(21)}+2m_{100}^{(22)}m_{030}^{(20)}m_{212}^{(10)}\\
&-m_{100}^{(22)}m_{030}^{(20)}m_{122}^{(00)}-m_{100}^{(22)}m_{030}^{(21)}m_{410}^{(22)}+2m_{100}^{(22)}m_{030}^{(21)}m_{311}^{(20)}-m_{100}^{(22)}m_{030}^{(21)}m_{212}^{(00)}\\
&+m_{100}^{(22)}m_{030}^{(22)}m_{410}^{(21)}-m_{100}^{(22)}m_{030}^{(22)}m_{320}^{(20)}-m_{100}^{(22)}m_{030}^{(22)}m_{311}^{(10)}+m_{100}^{(22)}m_{030}^{(22)}m_{221}^{(00)}\\
&+m_{100}^{(22)}m_{021}^{(00)}m_{230}^{(22)}-m_{100}^{(22)}m_{021}^{(00)}m_{212}^{(11)}-2m_{100}^{(22)}m_{021}^{(00)}m_{131}^{(20)}+2m_{100}^{(22)}m_{021}^{(00)}m_{122}^{(10)}\\
&-2m_{100}^{(22)}m_{021}^{(10)}m_{320}^{(22)}+4m_{100}^{(22)}m_{021}^{(10)}m_{221}^{(20)}-2m_{100}^{(22)}m_{021}^{(10)}m_{122}^{(00)}+m_{100}^{(22)}m_{021}^{(11)}m_{410}^{(22)}\\
&-2m_{100}^{(22)}m_{021}^{(11)}m_{311}^{(20)}+m_{100}^{(22)}m_{021}^{(11)}m_{212}^{(00)}+2m_{100}^{(22)}m_{021}^{(20)}m_{311}^{(11)}-4m_{100}^{(22)}m_{021}^{(20)}m_{221}^{(10)}\\
&+2m_{100}^{(22)}m_{021}^{(20)}m_{131}^{(00)}-m_{100}^{(22)}m_{021}^{(22)}m_{410}^{(11)}+2m_{100}^{(22)}m_{021}^{(22)}m_{320}^{(10)}-m_{100}^{(22)}m_{021}^{(22)}m_{230}^{(00)}\\
&-m_{100}^{(22)}m_{012}^{(00)}m_{230}^{(21)}+m_{100}^{(22)}m_{012}^{(00)}m_{221}^{(11)}+m_{100}^{(22)}m_{012}^{(00)}m_{140}^{(20)}-m_{100}^{(22)}m_{012}^{(00)}m_{131}^{(10)}\\
&+2m_{100}^{(22)}m_{012}^{(10)}m_{320}^{(21)}-m_{100}^{(22)}m_{012}^{(10)}m_{311}^{(11)}-2m_{100}^{(22)}m_{012}^{(10)}m_{230}^{(20)}+m_{100}^{(22)}m_{012}^{(10)}m_{131}^{(00)}\\
&-m_{100}^{(22)}m_{012}^{(11)}m_{410}^{(21)}+m_{100}^{(22)}m_{012}^{(11)}m_{320}^{(20)}+m_{100}^{(22)}m_{012}^{(11)}m_{311}^{(10)}-m_{100}^{(22)}m_{012}^{(11)}m_{221}^{(00)}\\
&-m_{100}^{(22)}m_{012}^{(20)}m_{320}^{(11)}+2m_{100}^{(22)}m_{012}^{(20)}m_{230}^{(10)}-m_{100}^{(22)}m_{012}^{(20)}m_{140}^{(00)}+m_{100}^{(22)}m_{012}^{(21)}m_{410}^{(11)}\\
&-2m_{100}^{(22)}m_{012}^{(21)}m_{320}^{(10)}+m_{100}^{(22)}m_{012}^{(21)}m_{230}^{(00)}+m_{010}^{(00)}m_{210}^{(10)}m_{023}^{(22)}-2m_{010}^{(00)}m_{210}^{(10)}m_{014}^{(21)}\\
&+m_{010}^{(00)}m_{210}^{(10)}m_{005}^{(11)}-m_{010}^{(00)}m_{210}^{(11)}m_{113}^{(22)}+m_{010}^{(00)}m_{210}^{(11)}m_{104}^{(21)}+m_{010}^{(00)}m_{210}^{(11)}m_{014}^{(20)}\\
&-m_{010}^{(00)}m_{210}^{(11)}m_{005}^{(10)}-m_{010}^{(00)}m_{210}^{(20)}m_{032}^{(22)}+2m_{010}^{(00)}m_{210}^{(20)}m_{023}^{(21)}-m_{010}^{(00)}m_{210}^{(20)}m_{014}^{(11)}\\
&+m_{010}^{(00)}m_{210}^{(21)}m_{122}^{(22)}-m_{010}^{(00)}m_{210}^{(21)}m_{104}^{(11)}-2m_{010}^{(00)}m_{210}^{(21)}m_{023}^{(20)}+2m_{010}^{(00)}m_{210}^{(21)}m_{014}^{(10)}\\
&-m_{010}^{(00)}m_{210}^{(22)}m_{122}^{(21)}+m_{010}^{(00)}m_{210}^{(22)}m_{113}^{(11)}+m_{010}^{(00)}m_{210}^{(22)}m_{032}^{(20)}-m_{010}^{(00)}m_{210}^{(22)}m_{023}^{(10)}\\
&-m_{010}^{(00)}m_{201}^{(10)}m_{032}^{(22)}+2m_{010}^{(00)}m_{201}^{(10)}m_{023}^{(21)}-m_{010}^{(00)}m_{201}^{(10)}m_{014}^{(11)}+m_{010}^{(00)}m_{201}^{(11)}m_{122}^{(22)}\\
&-m_{010}^{(00)}m_{201}^{(11)}m_{113}^{(21)}-m_{010}^{(00)}m_{201}^{(11)}m_{023}^{(20)}+m_{010}^{(00)}m_{201}^{(11)}m_{014}^{(10)}+m_{010}^{(00)}m_{201}^{(20)}m_{041}^{(22)}\\
&-2m_{010}^{(00)}m_{201}^{(20)}m_{032}^{(21)}+m_{010}^{(00)}m_{201}^{(20)}m_{023}^{(11)}-m_{010}^{(00)}m_{201}^{(21)}m_{131}^{(22)}+m_{010}^{(00)}m_{201}^{(21)}m_{113}^{(11)}\\
&+2m_{010}^{(00)}m_{201}^{(21)}m_{032}^{(20)}-2m_{010}^{(00)}m_{201}^{(21)}m_{023}^{(10)}+m_{010}^{(00)}m_{201}^{(22)}m_{131}^{(21)}-m_{010}^{(00)}m_{201}^{(22)}m_{122}^{(11)}\\
&-m_{010}^{(00)}m_{201}^{(22)}m_{041}^{(20)}+m_{010}^{(00)}m_{201}^{(22)}m_{032}^{(10)}-m_{010}^{(00)}m_{120}^{(00)}m_{023}^{(22)}+2m_{010}^{(00)}m_{120}^{(00)}m_{014}^{(21)}\\
&-m_{010}^{(00)}m_{120}^{(00)}m_{005}^{(11)}+m_{010}^{(00)}m_{120}^{(11)}m_{203}^{(22)}-2m_{010}^{(00)}m_{120}^{(11)}m_{104}^{(20)}+m_{010}^{(00)}m_{120}^{(11)}m_{005}^{(00)}\\
&+2m_{010}^{(00)}m_{120}^{(20)}m_{122}^{(22)}-4m_{010}^{(00)}m_{120}^{(20)}m_{113}^{(21)}+2m_{010}^{(00)}m_{120}^{(20)}m_{104}^{(11)}-2m_{010}^{(00)}m_{120}^{(21)}m_{212}^{(22)}\\
&+4m_{010}^{(00)}m_{120}^{(21)}m_{113}^{(20)}-2m_{010}^{(00)}m_{120}^{(21)}m_{014}^{(00)}+2m_{010}^{(00)}m_{120}^{(22)}m_{212}^{(21)}-m_{010}^{(00)}m_{120}^{(22)}m_{203}^{(11)}\\
&-2m_{010}^{(00)}m_{120}^{(22)}m_{122}^{(20)}+m_{010}^{(00)}m_{120}^{(22)}m_{023}^{(00)}+2m_{010}^{(00)}m_{111}^{(00)}m_{032}^{(22)}-4m_{010}^{(00)}m_{111}^{(00)}m_{023}^{(21)}\\
&+2m_{010}^{(00)}m_{111}^{(00)}m_{014}^{(11)}-2m_{010}^{(00)}m_{111}^{(10)}m_{122}^{(22)}+4m_{010}^{(00)}m_{111}^{(10)}m_{113}^{(21)}-2m_{010}^{(00)}m_{111}^{(10)}m_{104}^{(11)}\\
&-2m_{010}^{(00)}m_{111}^{(11)}m_{203}^{(21)}+2m_{010}^{(00)}m_{111}^{(11)}m_{113}^{(20)}+2m_{010}^{(00)}m_{111}^{(11)}m_{104}^{(10)}-2m_{010}^{(00)}m_{111}^{(11)}m_{014}^{(00)}\\
&-2m_{010}^{(00)}m_{111}^{(20)}m_{131}^{(22)}+4m_{010}^{(00)}m_{111}^{(20)}m_{122}^{(21)}-2m_{010}^{(00)}m_{111}^{(20)}m_{113}^{(11)}+2m_{010}^{(00)}m_{111}^{(21)}m_{221}^{(22)}\\
&+2m_{010}^{(00)}m_{111}^{(21)}m_{203}^{(11)}-4m_{010}^{(00)}m_{111}^{(21)}m_{122}^{(20)}-4m_{010}^{(00)}m_{111}^{(21)}m_{113}^{(10)}+4m_{010}^{(00)}m_{111}^{(21)}m_{023}^{(00)}
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&-2m_{010}^{(00)}m_{111}^{(22)}m_{221}^{(21)}+2m_{010}^{(00)}m_{111}^{(22)}m_{131}^{(20)}+2m_{010}^{(00)}m_{111}^{(22)}m_{122}^{(10)}-2m_{010}^{(00)}m_{111}^{(22)}m_{032}^{(00)}\\
&-m_{010}^{(00)}m_{102}^{(00)}m_{041}^{(22)}+2m_{010}^{(00)}m_{102}^{(00)}m_{032}^{(21)}-m_{010}^{(00)}m_{102}^{(00)}m_{023}^{(11)}+2m_{010}^{(00)}m_{102}^{(10)}m_{131}^{(22)}\\
&-4m_{010}^{(00)}m_{102}^{(10)}m_{122}^{(21)}+2m_{010}^{(00)}m_{102}^{(10)}m_{113}^{(11)}-m_{010}^{(00)}m_{102}^{(11)}m_{221}^{(22)}+2m_{010}^{(00)}m_{102}^{(11)}m_{212}^{(21)}\\
&-2m_{010}^{(00)}m_{102}^{(11)}m_{113}^{(10)}+m_{010}^{(00)}m_{102}^{(11)}m_{023}^{(00)}-2m_{010}^{(00)}m_{102}^{(21)}m_{212}^{(11)}+4m_{010}^{(00)}m_{102}^{(21)}m_{122}^{(10)}\\
&-2m_{010}^{(00)}m_{102}^{(21)}m_{032}^{(00)}+m_{010}^{(00)}m_{102}^{(22)}m_{221}^{(11)}-2m_{010}^{(00)}m_{102}^{(22)}m_{131}^{(10)}+m_{010}^{(00)}m_{102}^{(22)}m_{041}^{(00)}\\
&+m_{010}^{(00)}m_{030}^{(00)}m_{113}^{(22)}-m_{010}^{(00)}m_{030}^{(00)}m_{104}^{(21)}-m_{010}^{(00)}m_{030}^{(00)}m_{014}^{(20)}+m_{010}^{(00)}m_{030}^{(00)}m_{005}^{(10)}\\
&-m_{010}^{(00)}m_{030}^{(10)}m_{203}^{(22)}+2m_{010}^{(00)}m_{030}^{(10)}m_{104}^{(20)}-m_{010}^{(00)}m_{030}^{(10)}m_{005}^{(00)}-m_{010}^{(00)}m_{030}^{(20)}m_{212}^{(22)}\\
&+2m_{010}^{(00)}m_{030}^{(20)}m_{203}^{(21)}-2m_{010}^{(00)}m_{030}^{(20)}m_{104}^{(10)}+m_{010}^{(00)}m_{030}^{(20)}m_{014}^{(00)}+m_{010}^{(00)}m_{030}^{(21)}m_{302}^{(22)}\\
&-2m_{010}^{(00)}m_{030}^{(21)}m_{203}^{(20)}+m_{010}^{(00)}m_{030}^{(21)}m_{104}^{(00)}-m_{010}^{(00)}m_{030}^{(22)}m_{302}^{(21)}+m_{010}^{(00)}m_{030}^{(22)}m_{212}^{(20)}\\
&+m_{010}^{(00)}m_{030}^{(22)}m_{203}^{(10)}-m_{010}^{(00)}m_{030}^{(22)}m_{113}^{(00)}-2m_{010}^{(00)}m_{021}^{(00)}m_{122}^{(22)}+m_{010}^{(00)}m_{021}^{(00)}m_{113}^{(21)}\\
&+m_{010}^{(00)}m_{021}^{(00)}m_{104}^{(11)}+3m_{010}^{(00)}m_{021}^{(00)}m_{023}^{(20)}-3m_{010}^{(00)}m_{021}^{(00)}m_{014}^{(10)}+3m_{010}^{(00)}m_{021}^{(10)}m_{212}^{(22)}\\
&-6m_{010}^{(00)}m_{021}^{(10)}m_{113}^{(20)}+3m_{010}^{(00)}m_{021}^{(10)}m_{014}^{(00)}-m_{010}^{(00)}m_{021}^{(11)}m_{302}^{(22)}+2m_{010}^{(00)}m_{021}^{(11)}m_{203}^{(20)}\\
&-m_{010}^{(00)}m_{021}^{(11)}m_{104}^{(00)}+m_{010}^{(00)}m_{021}^{(20)}m_{221}^{(22)}-2m_{010}^{(00)}m_{021}^{(20)}m_{212}^{(21)}-2m_{010}^{(00)}m_{021}^{(20)}m_{203}^{(11)}\\
&+6m_{010}^{(00)}m_{021}^{(20)}m_{113}^{(10)}-3m_{010}^{(00)}m_{021}^{(20)}m_{023}^{(00)}-m_{010}^{(00)}m_{021}^{(21)}m_{311}^{(22)}+2m_{010}^{(00)}m_{021}^{(21)}m_{212}^{(20)}\\
&-m_{010}^{(00)}m_{021}^{(21)}m_{113}^{(00)}+m_{010}^{(00)}m_{021}^{(22)}m_{311}^{(21)}+m_{010}^{(00)}m_{021}^{(22)}m_{302}^{(11)}-m_{010}^{(00)}m_{021}^{(22)}m_{221}^{(20)}\\
&-3m_{010}^{(00)}m_{021}^{(22)}m_{212}^{(10)}+2m_{010}^{(00)}m_{021}^{(22)}m_{122}^{(00)}+m_{010}^{(00)}m_{012}^{(00)}m_{131}^{(22)}+m_{010}^{(00)}m_{012}^{(00)}m_{122}^{(21)}\\
&-2m_{010}^{(00)}m_{012}^{(00)}m_{113}^{(11)}-3m_{010}^{(00)}m_{012}^{(00)}m_{032}^{(20)}+3m_{010}^{(00)}m_{012}^{(00)}m_{023}^{(10)}-2m_{010}^{(00)}m_{012}^{(10)}m_{221}^{(22)}\\
&-2m_{010}^{(00)}m_{012}^{(10)}m_{212}^{(21)}+m_{010}^{(00)}m_{012}^{(10)}m_{203}^{(11)}+6m_{010}^{(00)}m_{012}^{(10)}m_{122}^{(20)}-3m_{010}^{(00)}m_{012}^{(10)}m_{023}^{(00)}\\
&+m_{010}^{(00)}m_{012}^{(11)}m_{311}^{(22)}+m_{010}^{(00)}m_{012}^{(11)}m_{302}^{(21)}-3m_{010}^{(00)}m_{012}^{(11)}m_{212}^{(20)}-m_{010}^{(00)}m_{012}^{(11)}m_{203}^{(10)}\\
&+2m_{010}^{(00)}m_{012}^{(11)}m_{113}^{(00)}+3m_{010}^{(00)}m_{012}^{(20)}m_{212}^{(11)}-6m_{010}^{(00)}m_{012}^{(20)}m_{122}^{(10)}+3m_{010}^{(00)}m_{012}^{(20)}m_{032}^{(00)}\\
&-m_{010}^{(00)}m_{012}^{(21)}m_{302}^{(11)}+2m_{010}^{(00)}m_{012}^{(21)}m_{212}^{(10)}-m_{010}^{(00)}m_{012}^{(21)}m_{122}^{(00)}-m_{010}^{(00)}m_{012}^{(22)}m_{311}^{(11)}\\
&+2m_{010}^{(00)}m_{012}^{(22)}m_{221}^{(10)}-m_{010}^{(00)}m_{012}^{(22)}m_{131}^{(00)}-m_{010}^{(00)}m_{003}^{(00)}m_{131}^{(21)}+m_{010}^{(00)}m_{003}^{(00)}m_{122}^{(11)}\\
&+m_{010}^{(00)}m_{003}^{(00)}m_{041}^{(20)}-m_{010}^{(00)}m_{003}^{(00)}m_{032}^{(10)}+2m_{010}^{(00)}m_{003}^{(10)}m_{221}^{(21)}-m_{010}^{(00)}m_{003}^{(10)}m_{212}^{(11)}\\
&-2m_{010}^{(00)}m_{003}^{(10)}m_{131}^{(20)}+m_{010}^{(00)}m_{003}^{(10)}m_{032}^{(00)}-m_{010}^{(00)}m_{003}^{(11)}m_{311}^{(21)}+m_{010}^{(00)}m_{003}^{(11)}m_{221}^{(20)}\\
&+m_{010}^{(00)}m_{003}^{(11)}m_{212}^{(10)}-m_{010}^{(00)}m_{003}^{(11)}m_{122}^{(00)}-m_{010}^{(00)}m_{003}^{(20)}m_{221}^{(11)}+2m_{010}^{(00)}m_{003}^{(20)}m_{131}^{(10)}\\
&-m_{010}^{(00)}m_{003}^{(20)}m_{041}^{(00)}+m_{010}^{(00)}m_{003}^{(21)}m_{311}^{(11)}-2m_{010}^{(00)}m_{003}^{(21)}m_{221}^{(10)}+m_{010}^{(00)}m_{003}^{(21)}m_{131}^{(00)}\\
&-m_{010}^{(10)}m_{300}^{(10)}m_{023}^{(22)}+2m_{010}^{(10)}m_{300}^{(10)}m_{014}^{(21)}-m_{010}^{(10)}m_{300}^{(10)}m_{005}^{(11)}+m_{010}^{(10)}m_{300}^{(11)}m_{113}^{(22)}\\
&-m_{010}^{(10)}m_{300}^{(11)}m_{104}^{(21)}-m_{010}^{(10)}m_{300}^{(11)}m_{014}^{(20)}+m_{010}^{(10)}m_{300}^{(11)}m_{005}^{(10)}+m_{010}^{(10)}m_{300}^{(20)}m_{032}^{(22)}\\
&-2m_{010}^{(10)}m_{300}^{(20)}m_{023}^{(21)}+m_{010}^{(10)}m_{300}^{(20)}m_{014}^{(11)}-m_{010}^{(10)}m_{300}^{(21)}m_{122}^{(22)}+m_{010}^{(10)}m_{300}^{(21)}m_{104}^{(11)}\\
&+2m_{010}^{(10)}m_{300}^{(21)}m_{023}^{(20)}-2m_{010}^{(10)}m_{300}^{(21)}m_{014}^{(10)}+m_{010}^{(10)}m_{300}^{(22)}m_{122}^{(21)}-m_{010}^{(10)}m_{300}^{(22)}m_{113}^{(11)}\\
&-m_{010}^{(10)}m_{300}^{(22)}m_{032}^{(20)}+m_{010}^{(10)}m_{300}^{(22)}m_{023}^{(10)}+m_{010}^{(10)}m_{210}^{(00)}m_{023}^{(22)}-2m_{010}^{(10)}m_{210}^{(00)}m_{014}^{(21)}\\
&+m_{010}^{(10)}m_{210}^{(00)}m_{005}^{(11)}-m_{010}^{(10)}m_{210}^{(11)}m_{203}^{(22)}+2m_{010}^{(10)}m_{210}^{(11)}m_{104}^{(20)}-m_{010}^{(10)}m_{210}^{(11)}m_{005}^{(00)}\\
&-2m_{010}^{(10)}m_{210}^{(20)}m_{122}^{(22)}+4m_{010}^{(10)}m_{210}^{(20)}m_{113}^{(21)}-2m_{010}^{(10)}m_{210}^{(20)}m_{104}^{(11)}+2m_{010}^{(10)}m_{210}^{(21)}m_{212}^{(22)}\\
&-4m_{010}^{(10)}m_{210}^{(21)}m_{113}^{(20)}+2m_{010}^{(10)}m_{210}^{(21)}m_{014}^{(00)}-2m_{010}^{(10)}m_{210}^{(22)}m_{212}^{(21)}+m_{010}^{(10)}m_{210}^{(22)}m_{203}^{(11)}\\
&+2m_{010}^{(10)}m_{210}^{(22)}m_{122}^{(20)}-m_{010}^{(10)}m_{210}^{(22)}m_{023}^{(00)}-m_{010}^{(10)}m_{201}^{(00)}m_{032}^{(22)}+2m_{010}^{(10)}m_{201}^{(00)}m_{023}^{(21)}\\
&-m_{010}^{(10)}m_{201}^{(00)}m_{014}^{(11)}+3m_{010}^{(10)}m_{201}^{(10)}m_{122}^{(22)}-6m_{010}^{(10)}m_{201}^{(10)}m_{113}^{(21)}+3m_{010}^{(10)}m_{201}^{(10)}m_{104}^{(11)}\\
&-2m_{010}^{(10)}m_{201}^{(11)}m_{212}^{(22)}+3m_{010}^{(10)}m_{201}^{(11)}m_{203}^{(21)}+m_{010}^{(10)}m_{201}^{(11)}m_{113}^{(20)}-3m_{010}^{(10)}m_{201}^{(11)}m_{104}^{(10)}\\
&+m_{010}^{(10)}m_{201}^{(11)}m_{014}^{(00)}-m_{010}^{(10)}m_{201}^{(20)}m_{131}^{(22)}+2m_{010}^{(10)}m_{201}^{(20)}m_{122}^{(21)}-m_{010}^{(10)}m_{201}^{(20)}m_{113}^{(11)}
\end{aligned}
$$

$$+m_{010}^{(10)}m_{201}^{(21)}m_{221}^{(22)} - 3m_{010}^{(10)}m_{201}^{(21)}m_{203}^{(11)} - 2m_{010}^{(10)}m_{201}^{(21)}m_{122}^{(20)} + 6m_{010}^{(10)}m_{201}^{(21)}m_{113}^{(10)}$$
$$-2m_{010}^{(10)}m_{201}^{(21)}m_{023}^{(00)} - m_{010}^{(10)}m_{201}^{(22)}m_{221}^{(21)} + 2m_{010}^{(10)}m_{201}^{(22)}m_{212}^{(11)} + m_{010}^{(10)}m_{201}^{(22)}m_{131}^{(20)}$$
$$-3m_{010}^{(10)}m_{201}^{(22)}m_{122}^{(10)} + m_{010}^{(10)}m_{201}^{(22)}m_{032}^{(00)} - m_{010}^{(10)}m_{120}^{(00)}m_{113}^{(22)} + m_{010}^{(10)}m_{120}^{(00)}m_{104}^{(21)}$$
$$+m_{010}^{(10)}m_{120}^{(00)}m_{014}^{(20)} - m_{010}^{(10)}m_{120}^{(00)}m_{005}^{(10)} + m_{010}^{(10)}m_{120}^{(10)}m_{203}^{(22)} - 2m_{010}^{(10)}m_{120}^{(10)}m_{104}^{(20)}$$
$$+m_{010}^{(10)}m_{120}^{(10)}m_{005}^{(00)} + m_{010}^{(10)}m_{120}^{(20)}m_{212}^{(22)} - 2m_{010}^{(10)}m_{120}^{(20)}m_{203}^{(21)} + 2m_{010}^{(10)}m_{120}^{(20)}m_{104}^{(10)}$$
$$-m_{010}^{(10)}m_{120}^{(20)}m_{014}^{(00)} - m_{010}^{(10)}m_{120}^{(21)}m_{302}^{(22)} + 2m_{010}^{(10)}m_{120}^{(21)}m_{203}^{(20)} - m_{010}^{(10)}m_{120}^{(21)}m_{104}^{(00)}$$
$$+m_{010}^{(10)}m_{120}^{(22)}m_{302}^{(21)} - m_{010}^{(10)}m_{120}^{(22)}m_{212}^{(20)} - m_{010}^{(10)}m_{120}^{(22)}m_{203}^{(10)} + m_{010}^{(10)}m_{120}^{(22)}m_{113}^{(00)}$$
$$+2m_{010}^{(10)}m_{111}^{(00)}m_{113}^{(21)} - 2m_{010}^{(10)}m_{111}^{(00)}m_{104}^{(11)} - 2m_{010}^{(10)}m_{111}^{(00)}m_{023}^{(20)} + 2m_{010}^{(10)}m_{111}^{(00)}m_{014}^{(10)}$$
$$-2m_{010}^{(10)}m_{111}^{(10)}m_{212}^{(22)} + 4m_{010}^{(10)}m_{111}^{(10)}m_{113}^{(20)} - 2m_{010}^{(10)}m_{111}^{(10)}m_{014}^{(00)} + 2m_{010}^{(10)}m_{111}^{(11)}m_{302}^{(22)}$$
$$-4m_{010}^{(10)}m_{111}^{(11)}m_{203}^{(20)} + 2m_{010}^{(10)}m_{111}^{(11)}m_{104}^{(00)} + 2m_{010}^{(10)}m_{111}^{(20)}m_{221}^{(22)} - 4m_{010}^{(10)}m_{111}^{(20)}m_{212}^{(21)}$$
$$+4m_{010}^{(10)}m_{111}^{(20)}m_{203}^{(11)} - 4m_{010}^{(10)}m_{111}^{(20)}m_{113}^{(10)} + 2m_{010}^{(10)}m_{111}^{(20)}m_{023}^{(00)} - 2m_{010}^{(10)}m_{111}^{(21)}m_{311}^{(22)}$$
$$+4m_{010}^{(10)}m_{111}^{(21)}m_{212}^{(20)} - 2m_{010}^{(10)}m_{111}^{(21)}m_{113}^{(00)} + 2m_{010}^{(10)}m_{111}^{(22)}m_{311}^{(21)} - 2m_{010}^{(10)}m_{111}^{(22)}m_{302}^{(11)}$$
$$-2m_{010}^{(10)}m_{111}^{(22)}m_{221}^{(20)} + 2m_{010}^{(10)}m_{111}^{(22)}m_{212}^{(10)} + m_{010}^{(10)}m_{102}^{(00)}m_{131}^{(22)} - 3m_{010}^{(10)}m_{102}^{(00)}m_{122}^{(21)}$$
$$+2m_{010}^{(10)}m_{102}^{(00)}m_{113}^{(11)} + m_{010}^{(10)}m_{102}^{(00)}m_{032}^{(20)} - m_{010}^{(10)}m_{102}^{(00)}m_{023}^{(10)} - 2m_{010}^{(10)}m_{102}^{(10)}m_{221}^{(22)}$$
$$+6m_{010}^{(10)}m_{102}^{(10)}m_{212}^{(21)} - 3m_{010}^{(10)}m_{102}^{(10)}m_{203}^{(11)} - 2m_{010}^{(10)}m_{102}^{(10)}m_{122}^{(20)} + m_{010}^{(10)}m_{102}^{(10)}m_{023}^{(00)}$$
$$+m_{010}^{(10)}m_{102}^{(11)}m_{311}^{(22)} - 3m_{010}^{(10)}m_{102}^{(11)}m_{302}^{(21)} + m_{010}^{(10)}m_{102}^{(11)}m_{212}^{(20)} + 3m_{010}^{(10)}m_{102}^{(11)}m_{203}^{(10)}$$
$$-2m_{010}^{(10)}m_{102}^{(11)}m_{113}^{(00)} - m_{010}^{(10)}m_{102}^{(20)}m_{212}^{(11)} + 2m_{010}^{(10)}m_{102}^{(20)}m_{122}^{(10)} - m_{010}^{(10)}m_{102}^{(20)}m_{032}^{(00)}$$
$$+3m_{010}^{(10)}m_{102}^{(21)}m_{302}^{(11)} - 6m_{010}^{(10)}m_{102}^{(21)}m_{212}^{(10)} + 3m_{010}^{(10)}m_{102}^{(21)}m_{122}^{(00)} - m_{010}^{(10)}m_{102}^{(22)}m_{311}^{(11)}$$
$$+2m_{010}^{(10)}m_{102}^{(22)}m_{221}^{(10)} - m_{010}^{(10)}m_{102}^{(22)}m_{131}^{(00)} + m_{010}^{(10)}m_{021}^{(00)}m_{212}^{(22)} - m_{010}^{(10)}m_{021}^{(00)}m_{203}^{(21)}$$
$$-m_{010}^{(10)}m_{021}^{(00)}m_{113}^{(20)} + m_{010}^{(10)}m_{021}^{(00)}m_{104}^{(10)} - m_{010}^{(10)}m_{021}^{(10)}m_{302}^{(22)} + 2m_{010}^{(10)}m_{021}^{(10)}m_{203}^{(20)}$$
$$-m_{010}^{(10)}m_{021}^{(10)}m_{104}^{(00)} - m_{010}^{(10)}m_{021}^{(20)}m_{311}^{(22)} + 2m_{010}^{(10)}m_{021}^{(20)}m_{302}^{(21)} - 2m_{010}^{(10)}m_{021}^{(20)}m_{203}^{(10)}$$
$$+m_{010}^{(10)}m_{021}^{(20)}m_{113}^{(00)} + m_{010}^{(10)}m_{021}^{(21)}m_{401}^{(22)} - 2m_{010}^{(10)}m_{021}^{(21)}m_{302}^{(20)} + m_{010}^{(10)}m_{021}^{(21)}m_{203}^{(00)}$$
$$-m_{010}^{(10)}m_{021}^{(22)}m_{401}^{(21)} + m_{010}^{(10)}m_{021}^{(22)}m_{311}^{(20)} + m_{010}^{(10)}m_{021}^{(22)}m_{302}^{(10)} - m_{010}^{(10)}m_{021}^{(22)}m_{212}^{(00)}$$
$$-m_{010}^{(10)}m_{012}^{(00)}m_{221}^{(22)} + m_{010}^{(10)}m_{012}^{(00)}m_{203}^{(11)} + 2m_{010}^{(10)}m_{012}^{(00)}m_{122}^{(20)} - 2m_{010}^{(10)}m_{012}^{(00)}m_{113}^{(10)}$$
$$+2m_{010}^{(10)}m_{012}^{(10)}m_{311}^{(22)} - 4m_{010}^{(10)}m_{012}^{(10)}m_{212}^{(20)} + 2m_{010}^{(10)}m_{012}^{(10)}m_{113}^{(00)} - m_{010}^{(10)}m_{012}^{(11)}m_{401}^{(22)}$$
$$+2m_{010}^{(10)}m_{012}^{(11)}m_{302}^{(20)} - m_{010}^{(10)}m_{012}^{(11)}m_{203}^{(00)} - 2m_{010}^{(10)}m_{012}^{(20)}m_{302}^{(11)} + 4m_{010}^{(10)}m_{012}^{(20)}m_{212}^{(10)}$$
$$-2m_{010}^{(10)}m_{012}^{(20)}m_{122}^{(00)} + m_{010}^{(10)}m_{012}^{(22)}m_{401}^{(11)} - 2m_{010}^{(10)}m_{012}^{(22)}m_{311}^{(10)} + m_{010}^{(10)}m_{012}^{(22)}m_{221}^{(00)}$$
$$+m_{010}^{(10)}m_{003}^{(00)}m_{221}^{(21)} - m_{010}^{(10)}m_{003}^{(00)}m_{212}^{(11)} - m_{010}^{(10)}m_{003}^{(00)}m_{131}^{(20)} + m_{010}^{(10)}m_{003}^{(00)}m_{122}^{(10)}$$
$$-2m_{010}^{(10)}m_{003}^{(10)}m_{311}^{(21)} + m_{010}^{(10)}m_{003}^{(10)}m_{302}^{(11)} + 2m_{010}^{(10)}m_{003}^{(10)}m_{221}^{(20)} - m_{010}^{(10)}m_{003}^{(10)}m_{122}^{(00)}$$
$$+m_{010}^{(10)}m_{003}^{(11)}m_{401}^{(21)} - m_{010}^{(10)}m_{003}^{(11)}m_{311}^{(20)} - m_{010}^{(10)}m_{003}^{(11)}m_{302}^{(10)} + m_{010}^{(10)}m_{003}^{(11)}m_{212}^{(00)}$$
$$+m_{010}^{(10)}m_{003}^{(20)}m_{311}^{(11)} - 2m_{010}^{(10)}m_{003}^{(20)}m_{221}^{(10)} + m_{010}^{(10)}m_{003}^{(20)}m_{131}^{(00)} - m_{010}^{(10)}m_{003}^{(21)}m_{401}^{(11)}$$
$$+2m_{010}^{(10)}m_{003}^{(21)}m_{311}^{(10)} - m_{010}^{(10)}m_{003}^{(21)}m_{221}^{(00)} + m_{010}^{(20)}m_{300}^{(10)}m_{032}^{(22)} - 2m_{010}^{(20)}m_{300}^{(10)}m_{023}^{(21)}$$
$$+m_{010}^{(20)}m_{300}^{(10)}m_{014}^{(11)} - m_{010}^{(20)}m_{300}^{(11)}m_{122}^{(22)} + m_{010}^{(20)}m_{300}^{(11)}m_{113}^{(21)} + m_{010}^{(20)}m_{300}^{(11)}m_{023}^{(20)}$$
$$-m_{010}^{(20)}m_{300}^{(11)}m_{014}^{(10)} - m_{010}^{(20)}m_{300}^{(20)}m_{041}^{(22)} + 2m_{010}^{(20)}m_{300}^{(20)}m_{032}^{(21)} - m_{010}^{(20)}m_{300}^{(20)}m_{023}^{(11)}$$
$$+m_{010}^{(20)}m_{300}^{(21)}m_{131}^{(22)} - m_{010}^{(20)}m_{300}^{(21)}m_{113}^{(11)} - 2m_{010}^{(20)}m_{300}^{(21)}m_{032}^{(20)} + 2m_{010}^{(20)}m_{300}^{(21)}m_{023}^{(10)}$$
$$-m_{010}^{(20)}m_{300}^{(22)}m_{131}^{(21)} + m_{010}^{(20)}m_{300}^{(22)}m_{122}^{(11)} + m_{010}^{(20)}m_{300}^{(22)}m_{041}^{(20)} - m_{010}^{(20)}m_{300}^{(22)}m_{032}^{(10)}$$
$$-m_{010}^{(20)}m_{210}^{(00)}m_{032}^{(22)} + 2m_{010}^{(20)}m_{210}^{(00)}m_{023}^{(21)} - m_{010}^{(20)}m_{210}^{(00)}m_{014}^{(11)} - 2m_{010}^{(20)}m_{210}^{(10)}m_{122}^{(22)}$$
$$+4m_{010}^{(20)}m_{210}^{(10)}m_{113}^{(21)} - 2m_{010}^{(20)}m_{210}^{(10)}m_{104}^{(11)} + 3m_{010}^{(20)}m_{210}^{(11)}m_{212}^{(22)} - 2m_{010}^{(20)}m_{210}^{(11)}m_{203}^{(21)}$$

$$
\begin{aligned}
&-4m_{010}^{(20)}m_{210}^{(11)}m_{113}^{(20)}+2m_{010}^{(20)}m_{210}^{(11)}m_{104}^{(10)}+m_{010}^{(20)}m_{210}^{(11)}m_{014}^{(00)}+4m_{010}^{(20)}m_{210}^{(20)}m_{131}^{(22)}\\
&-8m_{010}^{(20)}m_{210}^{(20)}m_{122}^{(21)}+4m_{010}^{(20)}m_{210}^{(20)}m_{113}^{(11)}-4m_{010}^{(20)}m_{210}^{(21)}m_{221}^{(22)}+2m_{010}^{(20)}m_{210}^{(21)}m_{203}^{(11)}\\
&+8m_{010}^{(20)}m_{210}^{(21)}m_{122}^{(20)}-4m_{010}^{(20)}m_{210}^{(21)}m_{113}^{(10)}-2m_{010}^{(20)}m_{210}^{(21)}m_{023}^{(00)}+4m_{010}^{(20)}m_{210}^{(22)}m_{221}^{(21)}\\
&-3m_{010}^{(20)}m_{210}^{(22)}m_{212}^{(11)}-4m_{010}^{(20)}m_{210}^{(22)}m_{131}^{(20)}+2m_{010}^{(20)}m_{210}^{(22)}m_{122}^{(10)}+m_{010}^{(20)}m_{210}^{(22)}m_{032}^{(00)}\\
&+m_{010}^{(20)}m_{201}^{(00)}m_{041}^{(22)}-2m_{010}^{(20)}m_{201}^{(00)}m_{032}^{(21)}+m_{010}^{(20)}m_{201}^{(00)}m_{023}^{(11)}-m_{010}^{(20)}m_{201}^{(10)}m_{131}^{(22)}\\
&+2m_{010}^{(20)}m_{201}^{(10)}m_{122}^{(21)}-m_{010}^{(20)}m_{201}^{(10)}m_{113}^{(11)}-m_{010}^{(20)}m_{201}^{(11)}m_{212}^{(21)}+m_{010}^{(20)}m_{201}^{(11)}m_{122}^{(20)}\\
&+m_{010}^{(20)}m_{201}^{(11)}m_{113}^{(10)}-m_{010}^{(20)}m_{201}^{(11)}m_{023}^{(00)}-m_{010}^{(20)}m_{201}^{(20)}m_{140}^{(22)}+2m_{010}^{(20)}m_{201}^{(20)}m_{131}^{(21)}\\
&-m_{010}^{(20)}m_{201}^{(20)}m_{122}^{(11)}+m_{010}^{(20)}m_{201}^{(21)}m_{230}^{(22)}+m_{010}^{(20)}m_{201}^{(21)}m_{212}^{(11)}-2m_{010}^{(20)}m_{201}^{(21)}m_{131}^{(20)}\\
&-2m_{010}^{(20)}m_{201}^{(21)}m_{122}^{(10)}+2m_{010}^{(20)}m_{201}^{(21)}m_{032}^{(00)}-m_{010}^{(20)}m_{201}^{(22)}m_{230}^{(21)}+m_{010}^{(20)}m_{201}^{(22)}m_{140}^{(20)}\\
&+m_{010}^{(20)}m_{201}^{(22)}m_{131}^{(10)}-m_{010}^{(20)}m_{201}^{(22)}m_{041}^{(00)}+3m_{010}^{(20)}m_{120}^{(00)}m_{122}^{(22)}-5m_{010}^{(20)}m_{120}^{(00)}m_{113}^{(21)}\\
&+2m_{010}^{(20)}m_{120}^{(00)}m_{104}^{(11)}-m_{010}^{(20)}m_{120}^{(00)}m_{023}^{(20)}+m_{010}^{(20)}m_{120}^{(00)}m_{014}^{(10)}-m_{010}^{(20)}m_{120}^{(10)}m_{212}^{(22)}\\
&+2m_{010}^{(20)}m_{120}^{(10)}m_{113}^{(20)}-m_{010}^{(20)}m_{120}^{(10)}m_{014}^{(00)}-2m_{010}^{(20)}m_{120}^{(11)}m_{302}^{(22)}+4m_{010}^{(20)}m_{120}^{(11)}m_{203}^{(20)}\\
&-2m_{010}^{(20)}m_{120}^{(11)}m_{104}^{(00)}-5m_{010}^{(20)}m_{120}^{(20)}m_{221}^{(22)}+10m_{010}^{(20)}m_{120}^{(20)}m_{212}^{(21)}-4m_{010}^{(20)}m_{120}^{(20)}m_{203}^{(11)}\\
&-2m_{010}^{(20)}m_{120}^{(20)}m_{113}^{(10)}+m_{010}^{(20)}m_{120}^{(20)}m_{023}^{(00)}+5m_{010}^{(20)}m_{120}^{(21)}m_{311}^{(22)}-10m_{010}^{(20)}m_{120}^{(21)}m_{212}^{(20)}\\
&+5m_{010}^{(20)}m_{120}^{(21)}m_{113}^{(00)}-5m_{010}^{(20)}m_{120}^{(22)}m_{311}^{(21)}+2m_{010}^{(20)}m_{120}^{(22)}m_{302}^{(11)}+5m_{010}^{(20)}m_{120}^{(22)}m_{221}^{(20)}\\
&+m_{010}^{(20)}m_{120}^{(22)}m_{212}^{(10)}-3m_{010}^{(20)}m_{120}^{(22)}m_{122}^{(00)}-4m_{010}^{(20)}m_{111}^{(00)}m_{131}^{(22)}+6m_{010}^{(20)}m_{111}^{(00)}m_{122}^{(21)}\\
&-2m_{010}^{(20)}m_{111}^{(00)}m_{113}^{(11)}+2m_{010}^{(20)}m_{111}^{(00)}m_{032}^{(20)}-2m_{010}^{(20)}m_{111}^{(00)}m_{023}^{(10)}+6m_{010}^{(20)}m_{111}^{(10)}m_{221}^{(22)}\\
&-8m_{010}^{(20)}m_{111}^{(10)}m_{212}^{(21)}+4m_{010}^{(20)}m_{111}^{(10)}m_{203}^{(11)}-4m_{010}^{(20)}m_{111}^{(10)}m_{122}^{(20)}+2m_{010}^{(20)}m_{111}^{(10)}m_{023}^{(00)}\\
&-2m_{010}^{(20)}m_{111}^{(11)}m_{311}^{(22)}+4m_{010}^{(20)}m_{111}^{(11)}m_{302}^{(21)}-4m_{010}^{(20)}m_{111}^{(11)}m_{203}^{(10)}+2m_{010}^{(20)}m_{111}^{(11)}m_{113}^{(00)}\\
&+2m_{010}^{(20)}m_{111}^{(20)}m_{230}^{(22)}-4m_{010}^{(20)}m_{111}^{(20)}m_{221}^{(21)}+4m_{010}^{(20)}m_{111}^{(20)}m_{122}^{(10)}-2m_{010}^{(20)}m_{111}^{(20)}m_{032}^{(00)}\\
&-2m_{010}^{(20)}m_{111}^{(21)}m_{320}^{(22)}-4m_{010}^{(20)}m_{111}^{(21)}m_{302}^{(11)}+4m_{010}^{(20)}m_{111}^{(21)}m_{221}^{(20)}+8m_{010}^{(20)}m_{111}^{(21)}m_{212}^{(10)}\\
&-6m_{010}^{(20)}m_{111}^{(21)}m_{122}^{(00)}+2m_{010}^{(20)}m_{111}^{(22)}m_{320}^{(21)}+2m_{010}^{(20)}m_{111}^{(22)}m_{311}^{(11)}-2m_{010}^{(20)}m_{111}^{(22)}m_{230}^{(20)}\\
&-6m_{010}^{(20)}m_{111}^{(22)}m_{221}^{(10)}+4m_{010}^{(20)}m_{111}^{(22)}m_{131}^{(00)}+m_{010}^{(20)}m_{102}^{(00)}m_{140}^{(22)}-m_{010}^{(20)}m_{102}^{(00)}m_{131}^{(21)}\\
&-m_{010}^{(20)}m_{102}^{(00)}m_{041}^{(20)}+m_{010}^{(20)}m_{102}^{(00)}m_{032}^{(10)}-2m_{010}^{(20)}m_{102}^{(10)}m_{230}^{(22)}+2m_{010}^{(20)}m_{102}^{(10)}m_{221}^{(21)}\\
&-m_{010}^{(20)}m_{102}^{(10)}m_{212}^{(11)}+2m_{010}^{(20)}m_{102}^{(10)}m_{131}^{(20)}-m_{010}^{(20)}m_{102}^{(10)}m_{032}^{(00)}+m_{010}^{(20)}m_{102}^{(11)}m_{320}^{(22)}\\
&-m_{010}^{(20)}m_{102}^{(11)}m_{311}^{(21)}-m_{010}^{(20)}m_{102}^{(11)}m_{221}^{(20)}+m_{010}^{(20)}m_{102}^{(11)}m_{212}^{(10)}+m_{010}^{(20)}m_{102}^{(20)}m_{221}^{(11)}\\
&-2m_{010}^{(20)}m_{102}^{(20)}m_{131}^{(10)}+m_{010}^{(20)}m_{102}^{(20)}m_{041}^{(00)}+m_{010}^{(20)}m_{102}^{(21)}m_{311}^{(11)}-2m_{010}^{(20)}m_{102}^{(21)}m_{221}^{(10)}\\
&+m_{010}^{(20)}m_{102}^{(21)}m_{131}^{(00)}-m_{010}^{(20)}m_{102}^{(22)}m_{320}^{(11)}+2m_{010}^{(20)}m_{102}^{(22)}m_{230}^{(10)}-m_{010}^{(20)}m_{102}^{(22)}m_{140}^{(00)}\\
&-2m_{010}^{(20)}m_{030}^{(00)}m_{212}^{(22)}+2m_{010}^{(20)}m_{030}^{(00)}m_{203}^{(21)}+2m_{010}^{(20)}m_{030}^{(00)}m_{113}^{(20)}-2m_{010}^{(20)}m_{030}^{(00)}m_{104}^{(10)}\\
&+2m_{010}^{(20)}m_{030}^{(10)}m_{302}^{(22)}-4m_{010}^{(20)}m_{030}^{(10)}m_{203}^{(20)}+2m_{010}^{(20)}m_{030}^{(10)}m_{104}^{(00)}+2m_{010}^{(20)}m_{030}^{(20)}m_{311}^{(22)}\\
&-4m_{010}^{(20)}m_{030}^{(20)}m_{302}^{(21)}+4m_{010}^{(20)}m_{030}^{(20)}m_{203}^{(10)}-2m_{010}^{(20)}m_{030}^{(20)}m_{113}^{(00)}-2m_{010}^{(20)}m_{030}^{(21)}m_{401}^{(22)}\\
&+4m_{010}^{(20)}m_{030}^{(21)}m_{302}^{(20)}-2m_{010}^{(20)}m_{030}^{(21)}m_{203}^{(00)}+2m_{010}^{(20)}m_{030}^{(22)}m_{401}^{(21)}-2m_{010}^{(20)}m_{030}^{(22)}m_{311}^{(20)}\\
&-2m_{010}^{(20)}m_{030}^{(22)}m_{302}^{(10)}+2m_{010}^{(20)}m_{030}^{(22)}m_{212}^{(00)}+3m_{010}^{(20)}m_{021}^{(00)}m_{221}^{(22)}-m_{010}^{(20)}m_{021}^{(00)}m_{212}^{(21)}\\
&-2m_{010}^{(20)}m_{021}^{(00)}m_{203}^{(11)}-5m_{010}^{(20)}m_{021}^{(00)}m_{122}^{(20)}+5m_{010}^{(20)}m_{021}^{(00)}m_{113}^{(10)}-5m_{010}^{(20)}m_{021}^{(10)}m_{311}^{(22)}\\
&+10m_{010}^{(20)}m_{021}^{(10)}m_{212}^{(20)}-5m_{010}^{(20)}m_{021}^{(10)}m_{113}^{(00)}+2m_{010}^{(20)}m_{021}^{(11)}m_{401}^{(22)}-4m_{010}^{(20)}m_{021}^{(11)}m_{302}^{(20)}\\
&+2m_{010}^{(20)}m_{021}^{(11)}m_{203}^{(00)}-m_{010}^{(20)}m_{021}^{(20)}m_{320}^{(22)}+2m_{010}^{(20)}m_{021}^{(20)}m_{311}^{(21)}+4m_{010}^{(20)}m_{021}^{(20)}m_{302}^{(11)}\\
&-10m_{010}^{(20)}m_{021}^{(20)}m_{212}^{(10)}+5m_{010}^{(20)}m_{021}^{(20)}m_{122}^{(00)}+m_{010}^{(20)}m_{021}^{(21)}m_{410}^{(22)}-2m_{010}^{(20)}m_{021}^{(21)}m_{311}^{(20)}\\
&+m_{010}^{(20)}m_{021}^{(21)}m_{212}^{(00)}-m_{010}^{(20)}m_{021}^{(22)}m_{410}^{(21)}-2m_{010}^{(20)}m_{021}^{(22)}m_{401}^{(11)}+m_{010}^{(20)}m_{021}^{(22)}m_{320}^{(20)}
\end{aligned}
$$

$$+5m_{010}^{(20)}m_{021}^{(22)}m_{311}^{(10)} - 3m_{010}^{(20)}m_{021}^{(22)}m_{221}^{(00)} - m_{010}^{(20)}m_{012}^{(00)}m_{230}^{(22)} - 2m_{010}^{(20)}m_{012}^{(00)}m_{221}^{(21)}$$
$$+3m_{010}^{(20)}m_{012}^{(00)}m_{212}^{(11)} + 4m_{010}^{(20)}m_{012}^{(00)}m_{131}^{(20)} - 4m_{010}^{(20)}m_{012}^{(00)}m_{122}^{(10)} + 2m_{010}^{(20)}m_{012}^{(10)}m_{320}^{(22)}$$
$$+4m_{010}^{(20)}m_{012}^{(10)}m_{311}^{(21)} - 2m_{010}^{(20)}m_{012}^{(10)}m_{302}^{(11)} - 8m_{010}^{(20)}m_{012}^{(10)}m_{221}^{(20)} + 4m_{010}^{(20)}m_{012}^{(10)}m_{122}^{(00)}$$
$$-m_{010}^{(20)}m_{012}^{(11)}m_{410}^{(22)} - 2m_{010}^{(20)}m_{012}^{(11)}m_{401}^{(21)} + 4m_{010}^{(20)}m_{012}^{(11)}m_{311}^{(20)} + 2m_{010}^{(20)}m_{012}^{(11)}m_{302}^{(10)}$$
$$-3m_{010}^{(20)}m_{012}^{(11)}m_{212}^{(00)} - 4m_{010}^{(20)}m_{012}^{(20)}m_{311}^{(11)} + 8m_{010}^{(20)}m_{012}^{(20)}m_{221}^{(10)} - 4m_{010}^{(20)}m_{012}^{(20)}m_{131}^{(00)}$$
$$+2m_{010}^{(20)}m_{012}^{(21)}m_{401}^{(11)} - 4m_{010}^{(20)}m_{012}^{(21)}m_{311}^{(10)} + 2m_{010}^{(20)}m_{012}^{(21)}m_{221}^{(00)} + m_{010}^{(20)}m_{012}^{(22)}m_{410}^{(11)}$$
$$-2m_{010}^{(20)}m_{012}^{(22)}m_{320}^{(10)} + m_{010}^{(20)}m_{012}^{(22)}m_{230}^{(00)} + m_{010}^{(20)}m_{003}^{(00)}m_{230}^{(21)} - m_{010}^{(20)}m_{003}^{(00)}m_{221}^{(11)}$$
$$-m_{010}^{(20)}m_{003}^{(00)}m_{140}^{(20)} + m_{010}^{(20)}m_{003}^{(00)}m_{131}^{(10)} - 2m_{010}^{(20)}m_{003}^{(10)}m_{320}^{(21)} + m_{010}^{(20)}m_{003}^{(10)}m_{311}^{(11)}$$
$$+2m_{010}^{(20)}m_{003}^{(10)}m_{230}^{(20)} - m_{010}^{(20)}m_{003}^{(10)}m_{131}^{(00)} + m_{010}^{(20)}m_{003}^{(11)}m_{410}^{(21)} - m_{010}^{(20)}m_{003}^{(11)}m_{320}^{(20)}$$
$$-m_{010}^{(20)}m_{003}^{(11)}m_{311}^{(10)} + m_{010}^{(20)}m_{003}^{(11)}m_{221}^{(00)} + m_{010}^{(20)}m_{003}^{(20)}m_{320}^{(11)} - 2m_{010}^{(20)}m_{003}^{(20)}m_{230}^{(10)}$$
$$+m_{010}^{(20)}m_{003}^{(20)}m_{140}^{(00)} - m_{010}^{(20)}m_{003}^{(21)}m_{410}^{(11)} + 2m_{010}^{(20)}m_{003}^{(21)}m_{320}^{(10)} - m_{010}^{(20)}m_{003}^{(21)}m_{230}^{(00)}$$
$$+m_{010}^{(21)}m_{300}^{(10)}m_{122}^{(22)} - 2m_{010}^{(21)}m_{300}^{(10)}m_{113}^{(21)} + m_{010}^{(21)}m_{300}^{(10)}m_{104}^{(11)} - m_{010}^{(21)}m_{300}^{(11)}m_{212}^{(22)}$$
$$+m_{010}^{(21)}m_{300}^{(11)}m_{203}^{(21)} + m_{010}^{(21)}m_{300}^{(11)}m_{113}^{(20)} - m_{010}^{(21)}m_{300}^{(11)}m_{104}^{(10)} - m_{010}^{(21)}m_{300}^{(20)}m_{131}^{(22)}$$
$$+2m_{010}^{(21)}m_{300}^{(20)}m_{122}^{(21)} - m_{010}^{(21)}m_{300}^{(20)}m_{113}^{(11)} + m_{010}^{(21)}m_{300}^{(21)}m_{221}^{(22)} - m_{010}^{(21)}m_{300}^{(21)}m_{203}^{(11)}$$
$$-2m_{010}^{(21)}m_{300}^{(21)}m_{122}^{(20)} + 2m_{010}^{(21)}m_{300}^{(21)}m_{113}^{(10)} - m_{010}^{(21)}m_{300}^{(22)}m_{221}^{(21)} + m_{010}^{(21)}m_{300}^{(22)}m_{212}^{(11)}$$
$$+m_{010}^{(21)}m_{300}^{(22)}m_{131}^{(20)} - m_{010}^{(21)}m_{300}^{(22)}m_{122}^{(10)} - m_{010}^{(21)}m_{210}^{(00)}m_{122}^{(22)} + 2m_{010}^{(21)}m_{210}^{(00)}m_{113}^{(21)}$$
$$-m_{010}^{(21)}m_{210}^{(00)}m_{104}^{(11)} + m_{010}^{(21)}m_{210}^{(11)}m_{302}^{(22)} - 2m_{010}^{(21)}m_{210}^{(11)}m_{203}^{(20)} + m_{010}^{(21)}m_{210}^{(11)}m_{104}^{(00)}$$
$$+2m_{010}^{(21)}m_{210}^{(20)}m_{221}^{(22)} - 4m_{010}^{(21)}m_{210}^{(20)}m_{212}^{(21)} + 2m_{010}^{(21)}m_{210}^{(20)}m_{203}^{(11)} - 2m_{010}^{(21)}m_{210}^{(21)}m_{311}^{(22)}$$
$$+4m_{010}^{(21)}m_{210}^{(21)}m_{212}^{(20)} - 2m_{010}^{(21)}m_{210}^{(21)}m_{113}^{(00)} + 2m_{010}^{(21)}m_{210}^{(22)}m_{311}^{(21)} - m_{010}^{(21)}m_{210}^{(22)}m_{302}^{(11)}$$
$$-2m_{010}^{(21)}m_{210}^{(22)}m_{221}^{(20)} + m_{010}^{(21)}m_{210}^{(22)}m_{122}^{(00)} + m_{010}^{(21)}m_{201}^{(00)}m_{131}^{(22)} - 2m_{010}^{(21)}m_{201}^{(00)}m_{122}^{(21)}$$
$$+m_{010}^{(21)}m_{201}^{(00)}m_{113}^{(11)} - 3m_{010}^{(21)}m_{201}^{(10)}m_{221}^{(22)} + 6m_{010}^{(21)}m_{201}^{(10)}m_{212}^{(21)} - 3m_{010}^{(21)}m_{201}^{(10)}m_{203}^{(11)}$$
$$+2m_{010}^{(21)}m_{201}^{(11)}m_{311}^{(22)} - 3m_{010}^{(21)}m_{201}^{(11)}m_{302}^{(21)} - m_{010}^{(21)}m_{201}^{(11)}m_{212}^{(20)} + 3m_{010}^{(21)}m_{201}^{(11)}m_{203}^{(10)}$$
$$-m_{010}^{(21)}m_{201}^{(11)}m_{113}^{(00)} + m_{010}^{(21)}m_{201}^{(20)}m_{230}^{(22)} - 2m_{010}^{(21)}m_{201}^{(20)}m_{221}^{(21)} + m_{010}^{(21)}m_{201}^{(20)}m_{212}^{(11)}$$
$$-m_{010}^{(21)}m_{201}^{(21)}m_{320}^{(22)} + 3m_{010}^{(21)}m_{201}^{(21)}m_{302}^{(11)} + 2m_{010}^{(21)}m_{201}^{(21)}m_{221}^{(20)} - 6m_{010}^{(21)}m_{201}^{(21)}m_{212}^{(10)}$$
$$+2m_{010}^{(21)}m_{201}^{(21)}m_{122}^{(00)} + m_{010}^{(21)}m_{201}^{(22)}m_{320}^{(21)} - 2m_{010}^{(21)}m_{201}^{(22)}m_{311}^{(11)} - m_{010}^{(21)}m_{201}^{(22)}m_{230}^{(20)}$$
$$+3m_{010}^{(21)}m_{201}^{(22)}m_{221}^{(10)} - m_{010}^{(21)}m_{201}^{(22)}m_{131}^{(00)} + m_{010}^{(21)}m_{120}^{(00)}m_{212}^{(22)} - m_{010}^{(21)}m_{120}^{(00)}m_{203}^{(21)}$$
$$-m_{010}^{(21)}m_{120}^{(00)}m_{113}^{(20)} + m_{010}^{(21)}m_{120}^{(00)}m_{104}^{(10)} - m_{010}^{(21)}m_{120}^{(10)}m_{302}^{(22)} + 2m_{010}^{(21)}m_{120}^{(10)}m_{203}^{(20)}$$
$$-m_{010}^{(21)}m_{120}^{(10)}m_{104}^{(00)} - m_{010}^{(21)}m_{120}^{(20)}m_{311}^{(22)} + 2m_{010}^{(21)}m_{120}^{(20)}m_{302}^{(21)} - 2m_{010}^{(21)}m_{120}^{(20)}m_{203}^{(10)}$$
$$+m_{010}^{(21)}m_{120}^{(20)}m_{113}^{(00)} + m_{010}^{(21)}m_{120}^{(21)}m_{401}^{(22)} - 2m_{010}^{(21)}m_{120}^{(21)}m_{302}^{(20)} + m_{010}^{(21)}m_{120}^{(21)}m_{203}^{(00)}$$
$$-m_{010}^{(21)}m_{120}^{(22)}m_{401}^{(21)} + m_{010}^{(21)}m_{120}^{(22)}m_{311}^{(20)} + m_{010}^{(21)}m_{120}^{(22)}m_{302}^{(10)} - m_{010}^{(21)}m_{120}^{(22)}m_{212}^{(00)}$$
$$-2m_{010}^{(21)}m_{111}^{(00)}m_{212}^{(21)} + 2m_{010}^{(21)}m_{111}^{(00)}m_{203}^{(11)} + 2m_{010}^{(21)}m_{111}^{(00)}m_{122}^{(20)} - 2m_{010}^{(21)}m_{111}^{(00)}m_{113}^{(10)}$$
$$+2m_{010}^{(21)}m_{111}^{(10)}m_{311}^{(22)} - 4m_{010}^{(21)}m_{111}^{(10)}m_{212}^{(20)} + 2m_{010}^{(21)}m_{111}^{(10)}m_{113}^{(00)} - 2m_{010}^{(21)}m_{111}^{(11)}m_{401}^{(22)}$$
$$+4m_{010}^{(21)}m_{111}^{(11)}m_{302}^{(20)} - 2m_{010}^{(21)}m_{111}^{(11)}m_{203}^{(00)} - 2m_{010}^{(21)}m_{111}^{(20)}m_{320}^{(22)} + 4m_{010}^{(21)}m_{111}^{(20)}m_{311}^{(21)}$$
$$-4m_{010}^{(21)}m_{111}^{(20)}m_{302}^{(11)} + 4m_{010}^{(21)}m_{111}^{(20)}m_{212}^{(10)} - 2m_{010}^{(21)}m_{111}^{(20)}m_{122}^{(00)} + 2m_{010}^{(21)}m_{111}^{(21)}m_{410}^{(22)}$$
$$-4m_{010}^{(21)}m_{111}^{(21)}m_{311}^{(20)} + 2m_{010}^{(21)}m_{111}^{(21)}m_{212}^{(00)} - 2m_{010}^{(21)}m_{111}^{(22)}m_{410}^{(21)} + 2m_{010}^{(21)}m_{111}^{(22)}m_{401}^{(11)}$$
$$+2m_{010}^{(21)}m_{111}^{(22)}m_{320}^{(20)} - 2m_{010}^{(21)}m_{111}^{(22)}m_{311}^{(10)} - m_{010}^{(21)}m_{102}^{(00)}m_{230}^{(22)} + 3m_{010}^{(21)}m_{102}^{(00)}m_{221}^{(21)}$$
$$-2m_{010}^{(21)}m_{102}^{(00)}m_{212}^{(11)} - m_{010}^{(21)}m_{102}^{(00)}m_{131}^{(20)} + m_{010}^{(21)}m_{102}^{(00)}m_{122}^{(10)} + 2m_{010}^{(21)}m_{102}^{(10)}m_{320}^{(22)}$$
$$-6m_{010}^{(21)}m_{102}^{(10)}m_{311}^{(21)} + 3m_{010}^{(21)}m_{102}^{(10)}m_{302}^{(11)} + 2m_{010}^{(21)}m_{102}^{(10)}m_{221}^{(20)} - m_{010}^{(21)}m_{102}^{(10)}m_{122}^{(00)}$$

$$
\begin{aligned}
&-m_{010}^{(21)}m_{102}^{(11)}m_{410}^{(22)}+3m_{010}^{(21)}m_{102}^{(11)}m_{401}^{(21)}-m_{010}^{(21)}m_{102}^{(11)}m_{311}^{(20)}-3m_{010}^{(21)}m_{102}^{(11)}m_{302}^{(10)}\\
&+2m_{010}^{(21)}m_{102}^{(11)}m_{212}^{(00)}+m_{010}^{(21)}m_{102}^{(20)}m_{311}^{(11)}-2m_{010}^{(21)}m_{102}^{(20)}m_{221}^{(10)}+m_{010}^{(21)}m_{102}^{(20)}m_{131}^{(00)}\\
&-3m_{010}^{(21)}m_{102}^{(21)}m_{401}^{(11)}+6m_{010}^{(21)}m_{102}^{(21)}m_{311}^{(10)}-3m_{010}^{(21)}m_{102}^{(21)}m_{221}^{(00)}+m_{010}^{(21)}m_{102}^{(22)}m_{410}^{(11)}\\
&-2m_{010}^{(21)}m_{102}^{(22)}m_{320}^{(10)}+m_{010}^{(21)}m_{102}^{(22)}m_{230}^{(00)}-m_{010}^{(21)}m_{021}^{(00)}m_{311}^{(22)}+m_{010}^{(21)}m_{021}^{(00)}m_{302}^{(21)}\\
&+m_{010}^{(21)}m_{021}^{(00)}m_{212}^{(20)}-m_{010}^{(21)}m_{021}^{(00)}m_{203}^{(10)}+m_{010}^{(21)}m_{021}^{(10)}m_{401}^{(22)}-2m_{010}^{(21)}m_{021}^{(10)}m_{302}^{(20)}\\
&+m_{010}^{(21)}m_{021}^{(10)}m_{203}^{(00)}+m_{010}^{(21)}m_{021}^{(20)}m_{410}^{(22)}-2m_{010}^{(21)}m_{021}^{(20)}m_{401}^{(21)}+2m_{010}^{(21)}m_{021}^{(20)}m_{302}^{(10)}\\
&-m_{010}^{(21)}m_{021}^{(20)}m_{212}^{(00)}-m_{010}^{(21)}m_{021}^{(21)}m_{500}^{(22)}+2m_{010}^{(21)}m_{021}^{(21)}m_{401}^{(20)}-m_{010}^{(21)}m_{021}^{(21)}m_{302}^{(00)}\\
&+m_{010}^{(21)}m_{021}^{(22)}m_{500}^{(21)}-m_{010}^{(21)}m_{021}^{(22)}m_{410}^{(20)}-m_{010}^{(21)}m_{021}^{(22)}m_{401}^{(10)}+m_{010}^{(21)}m_{021}^{(22)}m_{311}^{(00)}\\
&+m_{010}^{(21)}m_{012}^{(00)}m_{320}^{(22)}-m_{010}^{(21)}m_{012}^{(00)}m_{302}^{(11)}-2m_{010}^{(21)}m_{012}^{(00)}m_{221}^{(20)}+2m_{010}^{(21)}m_{012}^{(00)}m_{212}^{(10)}\\
&-2m_{010}^{(21)}m_{012}^{(10)}m_{410}^{(22)}+4m_{010}^{(21)}m_{012}^{(10)}m_{311}^{(20)}-2m_{010}^{(21)}m_{012}^{(10)}m_{212}^{(00)}+m_{010}^{(21)}m_{012}^{(11)}m_{500}^{(22)}\\
&-2m_{010}^{(21)}m_{012}^{(11)}m_{401}^{(20)}+m_{010}^{(21)}m_{012}^{(11)}m_{302}^{(00)}+2m_{010}^{(21)}m_{012}^{(20)}m_{401}^{(11)}-4m_{010}^{(21)}m_{012}^{(20)}m_{311}^{(10)}\\
&+2m_{010}^{(21)}m_{012}^{(20)}m_{221}^{(00)}-m_{010}^{(21)}m_{012}^{(22)}m_{500}^{(11)}+2m_{010}^{(21)}m_{012}^{(22)}m_{410}^{(10)}-m_{010}^{(21)}m_{012}^{(22)}m_{320}^{(00)}\\
&-m_{010}^{(21)}m_{003}^{(00)}m_{320}^{(21)}+m_{010}^{(21)}m_{003}^{(00)}m_{311}^{(11)}+m_{010}^{(21)}m_{003}^{(00)}m_{230}^{(20)}-m_{010}^{(21)}m_{003}^{(00)}m_{221}^{(10)}\\
&+2m_{010}^{(21)}m_{003}^{(10)}m_{410}^{(21)}-m_{010}^{(21)}m_{003}^{(10)}m_{401}^{(11)}-2m_{010}^{(21)}m_{003}^{(10)}m_{320}^{(20)}+m_{010}^{(21)}m_{003}^{(10)}m_{221}^{(00)}\\
&-m_{010}^{(21)}m_{003}^{(11)}m_{500}^{(21)}+m_{010}^{(21)}m_{003}^{(11)}m_{410}^{(20)}+m_{010}^{(21)}m_{003}^{(11)}m_{401}^{(10)}-m_{010}^{(21)}m_{003}^{(11)}m_{311}^{(00)}\\
&-m_{010}^{(21)}m_{003}^{(20)}m_{410}^{(11)}+2m_{010}^{(21)}m_{003}^{(20)}m_{320}^{(10)}-m_{010}^{(21)}m_{003}^{(20)}m_{230}^{(00)}+m_{010}^{(21)}m_{003}^{(21)}m_{500}^{(11)}\\
&-2m_{010}^{(21)}m_{003}^{(21)}m_{410}^{(10)}+m_{010}^{(21)}m_{003}^{(21)}m_{320}^{(00)}-m_{010}^{(22)}m_{300}^{(10)}m_{131}^{(22)}+2m_{010}^{(22)}m_{300}^{(10)}m_{122}^{(21)}\\
&-m_{010}^{(22)}m_{300}^{(10)}m_{113}^{(11)}+m_{010}^{(22)}m_{300}^{(11)}m_{221}^{(22)}-m_{010}^{(22)}m_{300}^{(11)}m_{212}^{(21)}-m_{010}^{(22)}m_{300}^{(11)}m_{122}^{(20)}\\
&+m_{010}^{(22)}m_{300}^{(11)}m_{113}^{(10)}+m_{010}^{(22)}m_{300}^{(20)}m_{140}^{(22)}-2m_{010}^{(22)}m_{300}^{(20)}m_{131}^{(21)}+m_{010}^{(22)}m_{300}^{(20)}m_{122}^{(11)}\\
&-m_{010}^{(22)}m_{300}^{(21)}m_{230}^{(22)}+m_{010}^{(22)}m_{300}^{(21)}m_{212}^{(11)}+2m_{010}^{(22)}m_{300}^{(21)}m_{131}^{(20)}-2m_{010}^{(22)}m_{300}^{(21)}m_{122}^{(10)}\\
&+m_{010}^{(22)}m_{300}^{(22)}m_{230}^{(21)}-m_{010}^{(22)}m_{300}^{(22)}m_{221}^{(11)}-m_{010}^{(22)}m_{300}^{(22)}m_{140}^{(20)}+m_{010}^{(22)}m_{300}^{(22)}m_{131}^{(10)}\\
&+m_{010}^{(22)}m_{210}^{(00)}m_{131}^{(22)}-2m_{010}^{(22)}m_{210}^{(00)}m_{122}^{(21)}+m_{010}^{(22)}m_{210}^{(00)}m_{113}^{(11)}+m_{010}^{(22)}m_{210}^{(10)}m_{221}^{(22)}\\
&-2m_{010}^{(22)}m_{210}^{(10)}m_{212}^{(21)}+m_{010}^{(22)}m_{210}^{(10)}m_{203}^{(11)}-2m_{010}^{(22)}m_{210}^{(10)}m_{311}^{(22)}+m_{010}^{(22)}m_{210}^{(11)}m_{302}^{(21)}\\
&+3m_{010}^{(22)}m_{210}^{(11)}m_{212}^{(20)}-m_{010}^{(22)}m_{210}^{(11)}m_{203}^{(10)}-m_{010}^{(22)}m_{210}^{(11)}m_{113}^{(00)}-3m_{010}^{(22)}m_{210}^{(20)}m_{230}^{(22)}\\
&+6m_{010}^{(22)}m_{210}^{(20)}m_{221}^{(21)}-3m_{010}^{(22)}m_{210}^{(20)}m_{212}^{(11)}+3m_{010}^{(22)}m_{210}^{(21)}m_{320}^{(22)}-m_{010}^{(22)}m_{210}^{(21)}m_{302}^{(11)}\\
&-6m_{010}^{(22)}m_{210}^{(21)}m_{221}^{(20)}+2m_{010}^{(22)}m_{210}^{(21)}m_{212}^{(10)}+2m_{010}^{(22)}m_{210}^{(21)}m_{122}^{(00)}-3m_{010}^{(22)}m_{210}^{(22)}m_{320}^{(21)}\\
&+2m_{010}^{(22)}m_{210}^{(22)}m_{311}^{(11)}+3m_{010}^{(22)}m_{210}^{(22)}m_{230}^{(20)}-m_{010}^{(22)}m_{210}^{(22)}m_{221}^{(10)}-m_{010}^{(22)}m_{210}^{(22)}m_{131}^{(00)}\\
&-m_{010}^{(22)}m_{201}^{(00)}m_{140}^{(22)}+2m_{010}^{(22)}m_{201}^{(00)}m_{131}^{(21)}-m_{010}^{(22)}m_{201}^{(00)}m_{122}^{(11)}+2m_{010}^{(22)}m_{201}^{(10)}m_{230}^{(22)}\\
&-4m_{010}^{(22)}m_{201}^{(10)}m_{221}^{(21)}+2m_{010}^{(22)}m_{201}^{(10)}m_{212}^{(11)}-m_{010}^{(22)}m_{201}^{(11)}m_{320}^{(22)}+2m_{010}^{(22)}m_{201}^{(11)}m_{311}^{(21)}\\
&-2m_{010}^{(22)}m_{201}^{(11)}m_{212}^{(10)}+m_{010}^{(22)}m_{201}^{(11)}m_{122}^{(00)}-2m_{010}^{(22)}m_{201}^{(21)}m_{311}^{(11)}+4m_{010}^{(22)}m_{201}^{(21)}m_{221}^{(10)}\\
&-2m_{010}^{(22)}m_{201}^{(21)}m_{131}^{(00)}+m_{010}^{(22)}m_{201}^{(22)}m_{320}^{(11)}-2m_{010}^{(22)}m_{201}^{(22)}m_{230}^{(10)}+m_{010}^{(22)}m_{201}^{(22)}m_{140}^{(00)}\\
&-2m_{010}^{(22)}m_{120}^{(00)}m_{221}^{(22)}+3m_{010}^{(22)}m_{120}^{(00)}m_{212}^{(21)}-m_{010}^{(22)}m_{120}^{(00)}m_{203}^{(11)}+m_{010}^{(22)}m_{120}^{(00)}m_{122}^{(20)}\\
&-m_{010}^{(22)}m_{120}^{(00)}m_{113}^{(10)}+m_{010}^{(22)}m_{120}^{(10)}m_{311}^{(22)}-2m_{010}^{(22)}m_{120}^{(10)}m_{212}^{(20)}+m_{010}^{(22)}m_{120}^{(10)}m_{113}^{(00)}\\
&+m_{010}^{(22)}m_{120}^{(11)}m_{401}^{(22)}-2m_{010}^{(22)}m_{120}^{(11)}m_{302}^{(20)}+m_{010}^{(22)}m_{120}^{(11)}m_{203}^{(00)}+3m_{010}^{(22)}m_{120}^{(20)}m_{320}^{(22)}\\
&-6m_{010}^{(22)}m_{120}^{(20)}m_{311}^{(21)}+2m_{010}^{(22)}m_{120}^{(20)}m_{302}^{(11)}+2m_{010}^{(22)}m_{120}^{(20)}m_{212}^{(10)}-m_{010}^{(22)}m_{120}^{(20)}m_{122}^{(00)}\\
&-3m_{010}^{(22)}m_{120}^{(21)}m_{410}^{(22)}+6m_{010}^{(22)}m_{120}^{(21)}m_{311}^{(20)}-3m_{010}^{(22)}m_{120}^{(21)}m_{212}^{(00)}+3m_{010}^{(22)}m_{120}^{(22)}m_{410}^{(21)}\\
&-m_{010}^{(22)}m_{120}^{(22)}m_{401}^{(11)}-3m_{010}^{(22)}m_{120}^{(22)}m_{320}^{(20)}-m_{010}^{(22)}m_{120}^{(22)}m_{311}^{(10)}+2m_{010}^{(22)}m_{120}^{(22)}m_{221}^{(00)}\\
&+2m_{010}^{(22)}m_{111}^{(00)}m_{230}^{(22)}-2m_{010}^{(22)}m_{111}^{(00)}m_{221}^{(21)}-2m_{010}^{(22)}m_{111}^{(00)}m_{131}^{(20)}+2m_{010}^{(22)}m_{111}^{(00)}m_{122}^{(10)}
\end{aligned}
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\begin{aligned}
&-4m_{010}^{(22)}m_{111}^{(10)}m_{320}^{(22)}+4m_{010}^{(22)}m_{111}^{(10)}m_{311}^{(21)}-2m_{010}^{(22)}m_{111}^{(10)}m_{302}^{(11)}+4m_{010}^{(22)}m_{111}^{(10)}m_{221}^{(20)}\\
&-2m_{010}^{(22)}m_{111}^{(10)}m_{122}^{(00)}+2m_{010}^{(22)}m_{111}^{(11)}m_{410}^{(22)}-2m_{010}^{(22)}m_{111}^{(11)}m_{401}^{(21)}-2m_{010}^{(22)}m_{111}^{(11)}m_{311}^{(20)}\\
&+2m_{010}^{(22)}m_{111}^{(11)}m_{302}^{(10)}+2m_{010}^{(22)}m_{111}^{(20)}m_{311}^{(11)}-4m_{010}^{(22)}m_{111}^{(20)}m_{221}^{(10)}+2m_{010}^{(22)}m_{111}^{(20)}m_{131}^{(00)}\\
&+2m_{010}^{(22)}m_{111}^{(21)}m_{401}^{(11)}-4m_{010}^{(22)}m_{111}^{(21)}m_{311}^{(10)}+2m_{010}^{(22)}m_{111}^{(21)}m_{221}^{(00)}-2m_{010}^{(22)}m_{111}^{(22)}m_{410}^{(11)}\\
&+4m_{010}^{(22)}m_{111}^{(22)}m_{320}^{(10)}-2m_{010}^{(22)}m_{111}^{(22)}m_{230}^{(00)}-m_{010}^{(22)}m_{102}^{(00)}m_{230}^{(21)}+m_{010}^{(22)}m_{102}^{(00)}m_{221}^{(11)}\\
&+m_{010}^{(22)}m_{102}^{(00)}m_{140}^{(20)}-m_{010}^{(22)}m_{102}^{(00)}m_{131}^{(10)}+2m_{010}^{(22)}m_{102}^{(10)}m_{320}^{(21)}-m_{010}^{(22)}m_{102}^{(10)}m_{311}^{(11)}\\
&-2m_{010}^{(22)}m_{102}^{(10)}m_{230}^{(20)}+m_{010}^{(22)}m_{102}^{(10)}m_{131}^{(00)}-m_{010}^{(22)}m_{102}^{(11)}m_{410}^{(21)}+m_{010}^{(22)}m_{102}^{(11)}m_{320}^{(20)}\\
&+m_{010}^{(22)}m_{102}^{(11)}m_{311}^{(10)}-m_{010}^{(22)}m_{102}^{(11)}m_{221}^{(00)}-m_{010}^{(22)}m_{102}^{(20)}m_{320}^{(11)}+2m_{010}^{(22)}m_{102}^{(20)}m_{230}^{(10)}\\
&-m_{010}^{(22)}m_{102}^{(20)}m_{140}^{(00)}+m_{010}^{(22)}m_{102}^{(21)}m_{410}^{(11)}-2m_{010}^{(22)}m_{102}^{(21)}m_{320}^{(10)}+m_{010}^{(22)}m_{102}^{(21)}m_{230}^{(00)}\\
&+m_{010}^{(22)}m_{030}^{(00)}m_{311}^{(22)}-m_{010}^{(22)}m_{030}^{(00)}m_{302}^{(21)}-m_{010}^{(22)}m_{030}^{(00)}m_{212}^{(20)}+m_{010}^{(22)}m_{030}^{(00)}m_{203}^{(10)}\\
&-m_{010}^{(22)}m_{030}^{(10)}m_{401}^{(22)}+2m_{010}^{(22)}m_{030}^{(10)}m_{302}^{(20)}-m_{010}^{(22)}m_{030}^{(10)}m_{203}^{(00)}-m_{010}^{(22)}m_{030}^{(20)}m_{410}^{(22)}\\
&+2m_{010}^{(22)}m_{030}^{(20)}m_{401}^{(21)}-2m_{010}^{(22)}m_{030}^{(20)}m_{302}^{(10)}+m_{010}^{(22)}m_{030}^{(20)}m_{212}^{(00)}+m_{010}^{(22)}m_{030}^{(21)}m_{500}^{(22)}\\
&-2m_{010}^{(22)}m_{030}^{(21)}m_{401}^{(20)}+m_{010}^{(22)}m_{030}^{(21)}m_{302}^{(00)}-m_{010}^{(22)}m_{030}^{(22)}m_{500}^{(21)}+m_{010}^{(22)}m_{030}^{(22)}m_{410}^{(20)}\\
&+m_{010}^{(22)}m_{030}^{(22)}m_{401}^{(10)}-m_{010}^{(22)}m_{030}^{(22)}m_{311}^{(00)}-m_{010}^{(22)}m_{021}^{(00)}m_{320}^{(22)}+m_{010}^{(22)}m_{021}^{(00)}m_{302}^{(11)}\\
&+2m_{010}^{(22)}m_{021}^{(00)}m_{221}^{(20)}-2m_{010}^{(22)}m_{021}^{(00)}m_{212}^{(10)}+2m_{010}^{(22)}m_{021}^{(10)}m_{410}^{(22)}-4m_{010}^{(22)}m_{021}^{(10)}m_{311}^{(20)}\\
&+2m_{010}^{(22)}m_{021}^{(10)}m_{212}^{(00)}-m_{010}^{(22)}m_{021}^{(11)}m_{500}^{(22)}+2m_{010}^{(22)}m_{021}^{(11)}m_{401}^{(20)}-m_{010}^{(22)}m_{021}^{(11)}m_{302}^{(00)}\\
&-2m_{010}^{(22)}m_{021}^{(20)}m_{401}^{(11)}+4m_{010}^{(22)}m_{021}^{(20)}m_{311}^{(10)}-2m_{010}^{(22)}m_{021}^{(20)}m_{221}^{(00)}+m_{010}^{(22)}m_{021}^{(22)}m_{500}^{(11)}\\
&-2m_{010}^{(22)}m_{021}^{(22)}m_{410}^{(10)}+m_{010}^{(22)}m_{021}^{(22)}m_{320}^{(00)}+m_{010}^{(22)}m_{012}^{(00)}m_{320}^{(21)}-m_{010}^{(22)}m_{012}^{(00)}m_{311}^{(11)}\\
&-m_{010}^{(22)}m_{012}^{(00)}m_{230}^{(20)}+m_{010}^{(22)}m_{012}^{(00)}m_{221}^{(10)}-2m_{010}^{(22)}m_{012}^{(10)}m_{410}^{(21)}+m_{010}^{(22)}m_{012}^{(10)}m_{401}^{(11)}\\
&+2m_{010}^{(22)}m_{012}^{(10)}m_{320}^{(20)}-m_{010}^{(22)}m_{012}^{(10)}m_{221}^{(00)}+m_{010}^{(22)}m_{012}^{(11)}m_{500}^{(21)}-m_{010}^{(22)}m_{012}^{(11)}m_{410}^{(20)}\\
&-m_{010}^{(22)}m_{012}^{(11)}m_{401}^{(10)}+m_{010}^{(22)}m_{012}^{(11)}m_{311}^{(00)}+m_{010}^{(22)}m_{012}^{(20)}m_{410}^{(11)}-2m_{010}^{(22)}m_{012}^{(20)}m_{320}^{(10)}\\
&+m_{010}^{(22)}m_{012}^{(20)}m_{230}^{(00)}-m_{010}^{(22)}m_{012}^{(21)}m_{500}^{(11)}+2m_{010}^{(22)}m_{012}^{(21)}m_{410}^{(10)}-m_{010}^{(22)}m_{012}^{(21)}m_{320}^{(00)}\\
&-m_{001}^{(00)}m_{210}^{(10)}m_{032}^{(22)}+2m_{001}^{(00)}m_{210}^{(10)}m_{023}^{(21)}-m_{001}^{(00)}m_{210}^{(10)}m_{014}^{(11)}+m_{001}^{(00)}m_{210}^{(11)}m_{122}^{(22)}\\
&-m_{001}^{(00)}m_{210}^{(11)}m_{113}^{(21)}-m_{001}^{(00)}m_{210}^{(11)}m_{023}^{(20)}+m_{001}^{(00)}m_{210}^{(11)}m_{014}^{(10)}+m_{001}^{(00)}m_{210}^{(20)}m_{041}^{(22)}\\
&-2m_{001}^{(00)}m_{210}^{(20)}m_{032}^{(21)}+m_{001}^{(00)}m_{210}^{(20)}m_{023}^{(11)}-m_{001}^{(00)}m_{210}^{(21)}m_{131}^{(22)}+m_{001}^{(00)}m_{210}^{(21)}m_{113}^{(11)}\\
&+2m_{001}^{(00)}m_{210}^{(21)}m_{032}^{(20)}-2m_{001}^{(00)}m_{210}^{(21)}m_{023}^{(10)}+m_{001}^{(00)}m_{210}^{(22)}m_{131}^{(21)}-m_{001}^{(00)}m_{210}^{(22)}m_{122}^{(11)}\\
&-m_{001}^{(00)}m_{210}^{(22)}m_{041}^{(20)}+m_{001}^{(00)}m_{210}^{(22)}m_{032}^{(10)}+m_{001}^{(00)}m_{201}^{(10)}m_{041}^{(22)}-2m_{001}^{(00)}m_{201}^{(10)}m_{032}^{(21)}\\
&+m_{001}^{(00)}m_{201}^{(10)}m_{023}^{(11)}-m_{001}^{(00)}m_{201}^{(11)}m_{131}^{(22)}+m_{001}^{(00)}m_{201}^{(11)}m_{122}^{(21)}+m_{001}^{(00)}m_{201}^{(11)}m_{032}^{(20)}\\
&-m_{001}^{(00)}m_{201}^{(11)}m_{023}^{(10)}-m_{001}^{(00)}m_{201}^{(20)}m_{050}^{(22)}+2m_{001}^{(00)}m_{201}^{(20)}m_{041}^{(21)}-m_{001}^{(00)}m_{201}^{(20)}m_{032}^{(11)}\\
&+m_{001}^{(00)}m_{201}^{(21)}m_{140}^{(22)}-m_{001}^{(00)}m_{201}^{(21)}m_{122}^{(11)}-2m_{001}^{(00)}m_{201}^{(21)}m_{041}^{(20)}+2m_{001}^{(00)}m_{201}^{(21)}m_{032}^{(10)}\\
&-m_{001}^{(00)}m_{201}^{(22)}m_{140}^{(21)}+m_{001}^{(00)}m_{201}^{(22)}m_{131}^{(11)}+m_{001}^{(00)}m_{201}^{(22)}m_{050}^{(20)}-m_{001}^{(00)}m_{201}^{(22)}m_{041}^{(10)}\\
&+m_{001}^{(00)}m_{120}^{(00)}m_{032}^{(22)}-2m_{001}^{(00)}m_{120}^{(00)}m_{023}^{(21)}+m_{001}^{(00)}m_{120}^{(00)}m_{014}^{(11)}-m_{001}^{(00)}m_{120}^{(11)}m_{212}^{(22)}\\
&+2m_{001}^{(00)}m_{120}^{(11)}m_{113}^{(20)}-m_{001}^{(00)}m_{120}^{(11)}m_{014}^{(00)}-2m_{001}^{(00)}m_{120}^{(20)}m_{131}^{(22)}+4m_{001}^{(00)}m_{120}^{(20)}m_{122}^{(21)}\\
&-2m_{001}^{(00)}m_{120}^{(20)}m_{113}^{(11)}+2m_{001}^{(00)}m_{120}^{(21)}m_{221}^{(22)}-4m_{001}^{(00)}m_{120}^{(21)}m_{122}^{(20)}+2m_{001}^{(00)}m_{120}^{(21)}m_{023}^{(00)}\\
&-2m_{001}^{(00)}m_{120}^{(22)}m_{221}^{(21)}+m_{001}^{(00)}m_{120}^{(22)}m_{212}^{(11)}+2m_{001}^{(00)}m_{120}^{(22)}m_{131}^{(20)}-m_{001}^{(00)}m_{120}^{(22)}m_{032}^{(00)}\\
&-2m_{001}^{(00)}m_{111}^{(00)}m_{041}^{(22)}+4m_{001}^{(00)}m_{111}^{(00)}m_{032}^{(21)}-2m_{001}^{(00)}m_{111}^{(00)}m_{023}^{(11)}+2m_{001}^{(00)}m_{111}^{(10)}m_{131}^{(22)}\\
&-4m_{001}^{(00)}m_{111}^{(10)}m_{122}^{(21)}+2m_{001}^{(00)}m_{111}^{(10)}m_{113}^{(11)}+2m_{001}^{(00)}m_{111}^{(11)}m_{212}^{(21)}-2m_{001}^{(00)}m_{111}^{(11)}m_{122}^{(20)}\\
&-2m_{001}^{(00)}m_{111}^{(11)}m_{113}^{(10)}+2m_{001}^{(00)}m_{111}^{(11)}m_{023}^{(00)}+2m_{001}^{(00)}m_{111}^{(20)}m_{140}^{(22)}-4m_{001}^{(00)}m_{111}^{(20)}m_{131}^{(21)}
\end{aligned}
$$

$$+2m_{001}^{(00)}m_{111}^{(20)}m_{122}^{(11)} - 2m_{001}^{(00)}m_{111}^{(21)}m_{230}^{(22)} - 2m_{001}^{(00)}m_{111}^{(21)}m_{212}^{(11)} + 4m_{001}^{(00)}m_{111}^{(21)}m_{131}^{(20)}$$
$$+4m_{001}^{(00)}m_{111}^{(21)}m_{122}^{(10)} - 4m_{001}^{(00)}m_{111}^{(21)}m_{032}^{(00)} + 2m_{001}^{(00)}m_{111}^{(22)}m_{230}^{(21)} - 2m_{001}^{(00)}m_{111}^{(22)}m_{140}^{(20)}$$
$$-2m_{001}^{(00)}m_{111}^{(22)}m_{131}^{(10)} + 2m_{001}^{(00)}m_{111}^{(22)}m_{041}^{(00)} + m_{001}^{(00)}m_{102}^{(00)}m_{050}^{(22)} - 2m_{001}^{(00)}m_{102}^{(00)}m_{041}^{(21)}$$
$$+m_{001}^{(00)}m_{102}^{(00)}m_{032}^{(11)} - 2m_{001}^{(00)}m_{102}^{(10)}m_{140}^{(22)} + 4m_{001}^{(00)}m_{102}^{(10)}m_{131}^{(21)} - 2m_{001}^{(00)}m_{102}^{(10)}m_{122}^{(11)}$$
$$+m_{001}^{(00)}m_{102}^{(11)}m_{230}^{(22)} - 2m_{001}^{(00)}m_{102}^{(11)}m_{221}^{(21)} + 2m_{001}^{(00)}m_{102}^{(11)}m_{122}^{(10)} - m_{001}^{(00)}m_{102}^{(11)}m_{032}^{(00)}$$
$$+2m_{001}^{(00)}m_{102}^{(21)}m_{221}^{(11)} - 4m_{001}^{(00)}m_{102}^{(21)}m_{131}^{(10)} + 2m_{001}^{(00)}m_{102}^{(21)}m_{041}^{(00)} - m_{001}^{(00)}m_{102}^{(22)}m_{230}^{(11)}$$
$$+2m_{001}^{(00)}m_{102}^{(22)}m_{140}^{(10)} - m_{001}^{(00)}m_{102}^{(22)}m_{050}^{(00)} - m_{001}^{(00)}m_{030}^{(00)}m_{122}^{(22)} + m_{001}^{(00)}m_{030}^{(00)}m_{113}^{(21)}$$
$$+m_{001}^{(00)}m_{030}^{(00)}m_{023}^{(20)} - m_{001}^{(00)}m_{030}^{(00)}m_{014}^{(10)} + m_{001}^{(00)}m_{030}^{(10)}m_{212}^{(22)} - 2m_{001}^{(00)}m_{030}^{(10)}m_{113}^{(20)}$$
$$+m_{001}^{(00)}m_{030}^{(10)}m_{014}^{(00)} + m_{001}^{(00)}m_{030}^{(20)}m_{221}^{(22)} - 2m_{001}^{(00)}m_{030}^{(20)}m_{212}^{(21)} + 2m_{001}^{(00)}m_{030}^{(20)}m_{113}^{(10)}$$
$$-m_{001}^{(00)}m_{030}^{(20)}m_{023}^{(00)} - m_{001}^{(00)}m_{030}^{(21)}m_{311}^{(22)} + 2m_{001}^{(00)}m_{030}^{(21)}m_{212}^{(20)} - m_{001}^{(00)}m_{030}^{(21)}m_{113}^{(00)}$$
$$+m_{001}^{(00)}m_{030}^{(22)}m_{311}^{(21)} - m_{001}^{(00)}m_{030}^{(22)}m_{221}^{(20)} - m_{001}^{(00)}m_{030}^{(22)}m_{212}^{(10)} + m_{001}^{(00)}m_{030}^{(22)}m_{122}^{(00)}$$
$$+2m_{001}^{(00)}m_{021}^{(00)}m_{131}^{(22)} - m_{001}^{(00)}m_{021}^{(00)}m_{122}^{(21)} - m_{001}^{(00)}m_{021}^{(00)}m_{113}^{(11)} - 3m_{001}^{(00)}m_{021}^{(00)}m_{032}^{(20)}$$
$$+3m_{001}^{(00)}m_{021}^{(00)}m_{023}^{(10)} - 3m_{001}^{(00)}m_{021}^{(10)}m_{221}^{(22)} + 6m_{001}^{(00)}m_{021}^{(10)}m_{122}^{(20)} - 3m_{001}^{(00)}m_{021}^{(10)}m_{023}^{(00)}$$
$$+m_{001}^{(00)}m_{021}^{(11)}m_{311}^{(22)} - 2m_{001}^{(00)}m_{021}^{(11)}m_{212}^{(20)} + m_{001}^{(00)}m_{021}^{(11)}m_{113}^{(00)} - m_{001}^{(00)}m_{021}^{(20)}m_{230}^{(22)}$$
$$+2m_{001}^{(00)}m_{021}^{(20)}m_{221}^{(21)} + 2m_{001}^{(00)}m_{021}^{(20)}m_{212}^{(11)} - 6m_{001}^{(00)}m_{021}^{(20)}m_{122}^{(10)} + 3m_{001}^{(00)}m_{021}^{(20)}m_{032}^{(00)}$$
$$+m_{001}^{(00)}m_{021}^{(21)}m_{320}^{(22)} - 2m_{001}^{(00)}m_{021}^{(21)}m_{221}^{(20)} + m_{001}^{(00)}m_{021}^{(21)}m_{122}^{(00)} - m_{001}^{(00)}m_{021}^{(22)}m_{320}^{(21)}$$
$$-m_{001}^{(00)}m_{021}^{(22)}m_{311}^{(11)} + m_{001}^{(00)}m_{021}^{(22)}m_{230}^{(20)} + 3m_{001}^{(00)}m_{021}^{(22)}m_{221}^{(10)} - 2m_{001}^{(00)}m_{021}^{(22)}m_{131}^{(00)}$$
$$-m_{001}^{(00)}m_{012}^{(00)}m_{140}^{(22)} - m_{001}^{(00)}m_{012}^{(00)}m_{131}^{(21)} + 2m_{001}^{(00)}m_{012}^{(00)}m_{122}^{(11)} + 3m_{001}^{(00)}m_{012}^{(00)}m_{041}^{(20)}$$
$$-3m_{001}^{(00)}m_{012}^{(00)}m_{032}^{(10)} + 2m_{001}^{(00)}m_{012}^{(10)}m_{230}^{(22)} + 2m_{001}^{(00)}m_{012}^{(10)}m_{221}^{(21)} - m_{001}^{(00)}m_{012}^{(10)}m_{212}^{(11)}$$
$$-6m_{001}^{(00)}m_{012}^{(10)}m_{131}^{(20)} + 3m_{001}^{(00)}m_{012}^{(10)}m_{032}^{(00)} - m_{001}^{(00)}m_{012}^{(11)}m_{320}^{(22)} - m_{001}^{(00)}m_{012}^{(11)}m_{311}^{(21)}$$
$$+3m_{001}^{(00)}m_{012}^{(11)}m_{221}^{(20)} + m_{001}^{(00)}m_{012}^{(11)}m_{212}^{(10)} - 2m_{001}^{(00)}m_{012}^{(11)}m_{122}^{(00)} - 3m_{001}^{(00)}m_{012}^{(20)}m_{221}^{(11)}$$
$$+6m_{001}^{(00)}m_{012}^{(20)}m_{131}^{(10)} - 3m_{001}^{(00)}m_{012}^{(20)}m_{041}^{(00)} + m_{001}^{(00)}m_{012}^{(21)}m_{311}^{(11)} - 2m_{001}^{(00)}m_{012}^{(21)}m_{221}^{(10)}$$
$$+m_{001}^{(00)}m_{012}^{(21)}m_{131}^{(00)} + m_{001}^{(00)}m_{012}^{(22)}m_{320}^{(11)} - 2m_{001}^{(00)}m_{012}^{(22)}m_{230}^{(10)} + m_{001}^{(00)}m_{012}^{(22)}m_{140}^{(00)}$$
$$+m_{001}^{(00)}m_{003}^{(00)}m_{140}^{(21)} - m_{001}^{(00)}m_{003}^{(00)}m_{131}^{(11)} - m_{001}^{(00)}m_{003}^{(00)}m_{050}^{(20)} + m_{001}^{(00)}m_{003}^{(00)}m_{041}^{(10)}$$
$$-2m_{001}^{(00)}m_{003}^{(10)}m_{230}^{(21)} + m_{001}^{(00)}m_{003}^{(10)}m_{221}^{(11)} + 2m_{001}^{(00)}m_{003}^{(10)}m_{140}^{(20)} - m_{001}^{(00)}m_{003}^{(10)}m_{041}^{(00)}$$
$$+m_{001}^{(00)}m_{003}^{(11)}m_{320}^{(21)} - m_{001}^{(00)}m_{003}^{(11)}m_{230}^{(20)} - m_{001}^{(00)}m_{003}^{(11)}m_{221}^{(10)} + m_{001}^{(00)}m_{003}^{(11)}m_{131}^{(00)}$$
$$+m_{001}^{(00)}m_{003}^{(20)}m_{230}^{(11)} - 2m_{001}^{(00)}m_{003}^{(20)}m_{140}^{(10)} + m_{001}^{(00)}m_{003}^{(20)}m_{050}^{(00)} - m_{001}^{(00)}m_{003}^{(21)}m_{320}^{(11)}$$
$$+2m_{001}^{(00)}m_{003}^{(21)}m_{230}^{(10)} - m_{001}^{(00)}m_{003}^{(21)}m_{140}^{(00)} + m_{001}^{(10)}m_{300}^{(10)}m_{032}^{(22)} - 2m_{001}^{(10)}m_{300}^{(10)}m_{023}^{(21)}$$
$$+m_{001}^{(10)}m_{300}^{(10)}m_{014}^{(11)} - m_{001}^{(10)}m_{300}^{(11)}m_{122}^{(22)} + m_{001}^{(10)}m_{300}^{(11)}m_{113}^{(21)} + m_{001}^{(10)}m_{300}^{(11)}m_{023}^{(20)}$$
$$-m_{001}^{(10)}m_{300}^{(11)}m_{014}^{(10)} - m_{001}^{(10)}m_{300}^{(20)}m_{041}^{(22)} + 2m_{001}^{(10)}m_{300}^{(20)}m_{032}^{(21)} - m_{001}^{(10)}m_{300}^{(20)}m_{023}^{(11)}$$
$$+m_{001}^{(10)}m_{300}^{(21)}m_{131}^{(22)} - m_{001}^{(10)}m_{300}^{(21)}m_{113}^{(11)} - 2m_{001}^{(10)}m_{300}^{(21)}m_{032}^{(20)} + 2m_{001}^{(10)}m_{300}^{(21)}m_{023}^{(10)}$$
$$-m_{001}^{(10)}m_{300}^{(22)}m_{131}^{(21)} + m_{001}^{(10)}m_{300}^{(22)}m_{122}^{(11)} + m_{001}^{(10)}m_{300}^{(22)}m_{041}^{(20)} - m_{001}^{(10)}m_{300}^{(22)}m_{032}^{(10)}$$
$$-m_{001}^{(10)}m_{210}^{(00)}m_{032}^{(22)} + 2m_{001}^{(10)}m_{210}^{(00)}m_{023}^{(21)} - m_{001}^{(10)}m_{210}^{(00)}m_{014}^{(11)} + m_{001}^{(10)}m_{210}^{(10)}m_{122}^{(22)}$$
$$-2m_{001}^{(10)}m_{210}^{(10)}m_{113}^{(21)} + m_{001}^{(10)}m_{210}^{(10)}m_{104}^{(11)} + m_{001}^{(10)}m_{210}^{(11)}m_{203}^{(21)} - m_{001}^{(10)}m_{210}^{(11)}m_{113}^{(20)}$$
$$-m_{001}^{(10)}m_{210}^{(11)}m_{104}^{(10)} + m_{001}^{(10)}m_{210}^{(11)}m_{014}^{(00)} + m_{001}^{(10)}m_{210}^{(20)}m_{131}^{(22)} - 2m_{001}^{(10)}m_{210}^{(20)}m_{122}^{(21)}$$
$$+m_{001}^{(10)}m_{210}^{(20)}m_{113}^{(11)} - m_{001}^{(10)}m_{210}^{(21)}m_{221}^{(22)} - m_{001}^{(10)}m_{210}^{(21)}m_{203}^{(11)} + 2m_{001}^{(10)}m_{210}^{(21)}m_{122}^{(20)}$$
$$+2m_{001}^{(10)}m_{210}^{(21)}m_{113}^{(10)} - 2m_{001}^{(10)}m_{210}^{(21)}m_{023}^{(00)} + m_{001}^{(10)}m_{210}^{(22)}m_{221}^{(21)} - m_{001}^{(10)}m_{210}^{(22)}m_{131}^{(20)}$$
$$-m_{001}^{(10)}m_{210}^{(22)}m_{122}^{(10)} + m_{001}^{(10)}m_{210}^{(22)}m_{032}^{(00)} + m_{001}^{(10)}m_{201}^{(00)}m_{041}^{(22)} - 2m_{001}^{(10)}m_{201}^{(00)}m_{032}^{(21)}$$

$$+m_{001}^{(10)}m_{201}^{(00)}m_{023}^{(11)} - 4m_{001}^{(10)}m_{201}^{(10)}m_{131}^{(22)} + 8m_{001}^{(10)}m_{201}^{(10)}m_{122}^{(21)} - 4m_{001}^{(10)}m_{201}^{(10)}m_{113}^{(11)}$$
$$+3m_{001}^{(10)}m_{201}^{(11)}m_{221}^{(22)} - 4m_{001}^{(10)}m_{201}^{(11)}m_{212}^{(21)} - 2m_{001}^{(10)}m_{201}^{(11)}m_{122}^{(20)} + 4m_{001}^{(10)}m_{201}^{(11)}m_{113}^{(10)}$$
$$-m_{001}^{(10)}m_{201}^{(11)}m_{023}^{(00)} + 2m_{001}^{(10)}m_{201}^{(20)}m_{140}^{(22)} - 4m_{001}^{(10)}m_{201}^{(20)}m_{131}^{(21)} + 2m_{001}^{(10)}m_{201}^{(20)}m_{122}^{(11)}$$
$$-2m_{001}^{(10)}m_{201}^{(21)}m_{230}^{(22)} + 4m_{001}^{(10)}m_{201}^{(21)}m_{212}^{(11)} + 4m_{001}^{(10)}m_{201}^{(21)}m_{131}^{(20)} - 8m_{001}^{(10)}m_{201}^{(21)}m_{122}^{(10)}$$
$$+2m_{001}^{(10)}m_{201}^{(21)}m_{032}^{(00)} + 2m_{001}^{(10)}m_{201}^{(22)}m_{230}^{(21)} - 3m_{001}^{(10)}m_{201}^{(22)}m_{221}^{(11)} - 2m_{001}^{(10)}m_{201}^{(22)}m_{140}^{(20)}$$
$$+4m_{001}^{(10)}m_{201}^{(22)}m_{131}^{(10)} - m_{001}^{(10)}m_{201}^{(22)}m_{041}^{(00)} + m_{001}^{(10)}m_{120}^{(00)}m_{113}^{(21)} - m_{001}^{(10)}m_{120}^{(00)}m_{104}^{(11)}$$
$$-m_{001}^{(10)}m_{120}^{(00)}m_{023}^{(20)} + m_{001}^{(10)}m_{120}^{(00)}m_{014}^{(10)} - m_{001}^{(10)}m_{120}^{(10)}m_{212}^{(22)} + 2m_{001}^{(10)}m_{120}^{(10)}m_{113}^{(20)}$$
$$-m_{001}^{(10)}m_{120}^{(10)}m_{014}^{(00)} + m_{001}^{(10)}m_{120}^{(11)}m_{302}^{(22)} - 2m_{001}^{(10)}m_{120}^{(11)}m_{203}^{(20)} + m_{001}^{(10)}m_{120}^{(11)}m_{104}^{(00)}$$
$$+m_{001}^{(10)}m_{120}^{(20)}m_{221}^{(22)} - 2m_{001}^{(10)}m_{120}^{(20)}m_{212}^{(21)} + 2m_{001}^{(10)}m_{120}^{(20)}m_{203}^{(11)} - 2m_{001}^{(10)}m_{120}^{(20)}m_{113}^{(10)}$$
$$+m_{001}^{(10)}m_{120}^{(20)}m_{023}^{(00)} - m_{001}^{(10)}m_{120}^{(21)}m_{311}^{(22)} + 2m_{001}^{(10)}m_{120}^{(21)}m_{212}^{(20)} - m_{001}^{(10)}m_{120}^{(21)}m_{113}^{(00)}$$
$$+m_{001}^{(10)}m_{120}^{(22)}m_{311}^{(21)} - m_{001}^{(10)}m_{120}^{(22)}m_{302}^{(11)} - m_{001}^{(10)}m_{120}^{(22)}m_{221}^{(20)} + m_{001}^{(10)}m_{120}^{(22)}m_{212}^{(10)}$$
$$+2m_{001}^{(10)}m_{111}^{(00)}m_{131}^{(22)} - 6m_{001}^{(10)}m_{111}^{(00)}m_{122}^{(21)} + 4m_{001}^{(10)}m_{111}^{(00)}m_{113}^{(11)} + 2m_{001}^{(10)}m_{111}^{(00)}m_{032}^{(20)}$$
$$-2m_{001}^{(10)}m_{111}^{(00)}m_{023}^{(10)} + 4m_{001}^{(10)}m_{111}^{(10)}m_{212}^{(21)} - 2m_{001}^{(10)}m_{111}^{(10)}m_{203}^{(11)} - 4m_{001}^{(10)}m_{111}^{(10)}m_{122}^{(20)}$$
$$+2m_{001}^{(10)}m_{111}^{(10)}m_{023}^{(00)} - 2m_{001}^{(10)}m_{111}^{(11)}m_{311}^{(22)} - 2m_{001}^{(10)}m_{111}^{(11)}m_{302}^{(21)} + 6m_{001}^{(10)}m_{111}^{(11)}m_{212}^{(20)}$$
$$+2m_{001}^{(10)}m_{111}^{(11)}m_{203}^{(10)} - 4m_{001}^{(10)}m_{111}^{(11)}m_{113}^{(00)} - 4m_{001}^{(10)}m_{111}^{(20)}m_{230}^{(22)} + 8m_{001}^{(10)}m_{111}^{(20)}m_{221}^{(21)}$$
$$-6m_{001}^{(10)}m_{111}^{(20)}m_{212}^{(11)} + 4m_{001}^{(10)}m_{111}^{(20)}m_{122}^{(10)} - 2m_{001}^{(10)}m_{111}^{(20)}m_{032}^{(00)} + 4m_{001}^{(10)}m_{111}^{(21)}m_{320}^{(22)}$$
$$+2m_{001}^{(10)}m_{111}^{(21)}m_{302}^{(11)} - 8m_{001}^{(10)}m_{111}^{(21)}m_{221}^{(20)} - 4m_{001}^{(10)}m_{111}^{(21)}m_{212}^{(10)} + 6m_{001}^{(10)}m_{111}^{(21)}m_{122}^{(00)}$$
$$-4m_{001}^{(10)}m_{111}^{(22)}m_{320}^{(21)} + 2m_{001}^{(10)}m_{111}^{(22)}m_{311}^{(11)} + 4m_{001}^{(10)}m_{111}^{(22)}m_{230}^{(20)} - 2m_{001}^{(10)}m_{111}^{(22)}m_{131}^{(00)}$$
$$-2m_{001}^{(10)}m_{102}^{(00)}m_{140}^{(22)} + 5m_{001}^{(10)}m_{102}^{(00)}m_{131}^{(21)} - 3m_{001}^{(10)}m_{102}^{(00)}m_{122}^{(11)} - m_{001}^{(10)}m_{102}^{(00)}m_{041}^{(20)}$$
$$+m_{001}^{(10)}m_{102}^{(00)}m_{032}^{(10)} + 4m_{001}^{(10)}m_{102}^{(10)}m_{230}^{(22)} - 10m_{001}^{(10)}m_{102}^{(10)}m_{221}^{(21)} + 5m_{001}^{(10)}m_{102}^{(10)}m_{212}^{(11)}$$
$$+2m_{001}^{(10)}m_{102}^{(10)}m_{131}^{(20)} - m_{001}^{(10)}m_{102}^{(10)}m_{032}^{(00)} - 2m_{001}^{(10)}m_{102}^{(11)}m_{320}^{(22)} + 5m_{001}^{(10)}m_{102}^{(11)}m_{311}^{(21)}$$
$$-m_{001}^{(10)}m_{102}^{(11)}m_{221}^{(20)} - 5m_{001}^{(10)}m_{102}^{(11)}m_{212}^{(10)} + 3m_{001}^{(10)}m_{102}^{(11)}m_{122}^{(00)} + m_{001}^{(10)}m_{102}^{(20)}m_{221}^{(11)}$$
$$-2m_{001}^{(10)}m_{102}^{(20)}m_{131}^{(10)} + m_{001}^{(10)}m_{102}^{(20)}m_{041}^{(00)} - 5m_{001}^{(10)}m_{102}^{(21)}m_{311}^{(11)} + 10m_{001}^{(10)}m_{102}^{(21)}m_{221}^{(10)}$$
$$-5m_{001}^{(10)}m_{102}^{(21)}m_{131}^{(00)} + 2m_{001}^{(10)}m_{102}^{(22)}m_{320}^{(11)} - 4m_{001}^{(10)}m_{102}^{(22)}m_{230}^{(10)} + 2m_{001}^{(10)}m_{102}^{(22)}m_{140}^{(00)}$$
$$+m_{001}^{(10)}m_{030}^{(00)}m_{212}^{(22)} - m_{001}^{(10)}m_{030}^{(00)}m_{203}^{(21)} - m_{001}^{(10)}m_{030}^{(00)}m_{113}^{(20)} + m_{001}^{(10)}m_{030}^{(00)}m_{104}^{(10)}$$
$$-m_{001}^{(10)}m_{030}^{(10)}m_{302}^{(22)} + 2m_{001}^{(10)}m_{030}^{(10)}m_{203}^{(20)} - m_{001}^{(10)}m_{030}^{(10)}m_{104}^{(00)} - m_{001}^{(10)}m_{030}^{(20)}m_{311}^{(22)}$$
$$+2m_{001}^{(10)}m_{030}^{(20)}m_{302}^{(21)} - 2m_{001}^{(10)}m_{030}^{(20)}m_{203}^{(10)} + m_{001}^{(10)}m_{030}^{(20)}m_{113}^{(00)} + m_{001}^{(10)}m_{030}^{(21)}m_{401}^{(22)}$$
$$-2m_{001}^{(10)}m_{030}^{(21)}m_{302}^{(20)} + m_{001}^{(10)}m_{030}^{(21)}m_{203}^{(00)} - m_{001}^{(10)}m_{030}^{(22)}m_{401}^{(21)} + m_{001}^{(10)}m_{030}^{(22)}m_{311}^{(20)}$$
$$+m_{001}^{(10)}m_{030}^{(22)}m_{302}^{(10)} - m_{001}^{(10)}m_{030}^{(22)}m_{212}^{(00)} - 3m_{001}^{(10)}m_{021}^{(00)}m_{221}^{(22)} + 2m_{001}^{(10)}m_{021}^{(00)}m_{212}^{(21)}$$
$$+m_{001}^{(10)}m_{021}^{(00)}m_{203}^{(11)} + 4m_{001}^{(10)}m_{021}^{(00)}m_{122}^{(20)} - 4m_{001}^{(10)}m_{021}^{(00)}m_{113}^{(10)} + 4m_{001}^{(10)}m_{021}^{(10)}m_{311}^{(22)}$$
$$-8m_{001}^{(10)}m_{021}^{(10)}m_{212}^{(20)} + 4m_{001}^{(10)}m_{021}^{(10)}m_{113}^{(00)} - m_{001}^{(10)}m_{021}^{(11)}m_{401}^{(22)} + 2m_{001}^{(10)}m_{021}^{(11)}m_{302}^{(20)}$$
$$-m_{001}^{(10)}m_{021}^{(11)}m_{203}^{(00)} + 2m_{001}^{(10)}m_{021}^{(20)}m_{320}^{(22)} - 4m_{001}^{(10)}m_{021}^{(20)}m_{311}^{(21)} - 2m_{001}^{(10)}m_{021}^{(20)}m_{302}^{(11)}$$
$$+8m_{001}^{(10)}m_{021}^{(20)}m_{212}^{(10)} - 4m_{001}^{(10)}m_{021}^{(20)}m_{122}^{(00)} - 2m_{001}^{(10)}m_{021}^{(21)}m_{410}^{(22)} + 4m_{001}^{(10)}m_{021}^{(21)}m_{311}^{(20)}$$
$$-2m_{001}^{(10)}m_{021}^{(21)}m_{212}^{(00)} + 2m_{001}^{(10)}m_{021}^{(22)}m_{410}^{(21)} + m_{001}^{(10)}m_{021}^{(22)}m_{401}^{(11)} - 2m_{001}^{(10)}m_{021}^{(22)}m_{320}^{(20)}$$
$$-4m_{001}^{(10)}m_{021}^{(22)}m_{311}^{(10)} + 3m_{001}^{(10)}m_{021}^{(22)}m_{221}^{(00)} + 2m_{001}^{(10)}m_{012}^{(00)}m_{230}^{(22)} + m_{001}^{(10)}m_{012}^{(00)}m_{221}^{(21)}$$
$$-3m_{001}^{(10)}m_{012}^{(00)}m_{212}^{(11)} - 5m_{001}^{(10)}m_{012}^{(00)}m_{131}^{(20)} + 5m_{001}^{(10)}m_{012}^{(00)}m_{122}^{(10)} - 4m_{001}^{(10)}m_{012}^{(10)}m_{320}^{(22)}$$
$$-2m_{001}^{(10)}m_{012}^{(10)}m_{311}^{(21)} + m_{001}^{(10)}m_{012}^{(10)}m_{302}^{(11)} + 10m_{001}^{(10)}m_{012}^{(10)}m_{221}^{(20)} - 5m_{001}^{(10)}m_{012}^{(10)}m_{122}^{(00)}$$
$$+2m_{001}^{(10)}m_{012}^{(11)}m_{410}^{(22)} + m_{001}^{(10)}m_{012}^{(11)}m_{401}^{(21)} - 5m_{001}^{(10)}m_{012}^{(11)}m_{311}^{(20)} - m_{001}^{(10)}m_{012}^{(11)}m_{302}^{(10)}$$

$$+3m_{001}^{(10)}m_{012}^{(11)}m_{212}^{(00)}+5m_{001}^{(10)}m_{012}^{(20)}m_{311}^{(11)}-10m_{001}^{(10)}m_{012}^{(20)}m_{221}^{(10)}+5m_{001}^{(10)}m_{012}^{(20)}m_{131}^{(00)}$$
$$-m_{001}^{(10)}m_{012}^{(21)}m_{401}^{(11)}+2m_{001}^{(10)}m_{012}^{(21)}m_{311}^{(10)}-m_{001}^{(10)}m_{012}^{(21)}m_{221}^{(00)}-2m_{001}^{(10)}m_{012}^{(22)}m_{410}^{(11)}$$
$$+4m_{001}^{(10)}m_{012}^{(22)}m_{320}^{(10)}-2m_{001}^{(10)}m_{012}^{(22)}m_{230}^{(00)}-2m_{001}^{(10)}m_{003}^{(00)}m_{230}^{(21)}+2m_{001}^{(10)}m_{003}^{(00)}m_{221}^{(11)}$$
$$+2m_{001}^{(10)}m_{003}^{(00)}m_{140}^{(20)}-2m_{001}^{(10)}m_{003}^{(00)}m_{131}^{(10)}+4m_{001}^{(10)}m_{003}^{(10)}m_{320}^{(21)}-2m_{001}^{(10)}m_{003}^{(10)}m_{311}^{(11)}$$
$$-4m_{001}^{(10)}m_{003}^{(10)}m_{230}^{(20)}+2m_{001}^{(10)}m_{003}^{(10)}m_{131}^{(00)}-2m_{001}^{(10)}m_{003}^{(11)}m_{410}^{(21)}+2m_{001}^{(10)}m_{003}^{(11)}m_{320}^{(20)}$$
$$+2m_{001}^{(10)}m_{003}^{(11)}m_{311}^{(10)}-2m_{001}^{(10)}m_{003}^{(11)}m_{221}^{(00)}-2m_{001}^{(10)}m_{003}^{(20)}m_{320}^{(11)}+4m_{001}^{(10)}m_{003}^{(20)}m_{230}^{(10)}$$
$$-2m_{001}^{(10)}m_{003}^{(20)}m_{140}^{(00)}+2m_{001}^{(10)}m_{003}^{(21)}m_{410}^{(11)}-4m_{001}^{(10)}m_{003}^{(21)}m_{320}^{(10)}+2m_{001}^{(10)}m_{003}^{(21)}m_{230}^{(00)}$$
$$-m_{001}^{(11)}m_{300}^{(10)}m_{122}^{(22)}+2m_{001}^{(11)}m_{300}^{(10)}m_{113}^{(21)}-m_{001}^{(11)}m_{300}^{(10)}m_{104}^{(11)}+m_{001}^{(11)}m_{300}^{(11)}m_{212}^{(22)}$$
$$-m_{001}^{(11)}m_{300}^{(11)}m_{203}^{(21)}-m_{001}^{(11)}m_{300}^{(11)}m_{113}^{(20)}+m_{001}^{(11)}m_{300}^{(11)}m_{104}^{(10)}+m_{001}^{(11)}m_{300}^{(20)}m_{131}^{(22)}$$
$$-2m_{001}^{(11)}m_{300}^{(20)}m_{122}^{(21)}+m_{001}^{(11)}m_{300}^{(20)}m_{113}^{(11)}-m_{001}^{(11)}m_{300}^{(21)}m_{221}^{(22)}+m_{001}^{(11)}m_{300}^{(21)}m_{203}^{(11)}$$
$$+2m_{001}^{(11)}m_{300}^{(21)}m_{122}^{(20)}-2m_{001}^{(11)}m_{300}^{(21)}m_{113}^{(10)}+m_{001}^{(11)}m_{300}^{(22)}m_{221}^{(21)}-m_{001}^{(11)}m_{300}^{(22)}m_{212}^{(11)}$$
$$-m_{001}^{(11)}m_{300}^{(22)}m_{131}^{(20)}+m_{001}^{(11)}m_{300}^{(22)}m_{122}^{(10)}+m_{001}^{(11)}m_{210}^{(00)}m_{122}^{(22)}-2m_{001}^{(11)}m_{210}^{(00)}m_{113}^{(21)}$$
$$+m_{001}^{(11)}m_{210}^{(00)}m_{104}^{(11)}-m_{001}^{(11)}m_{210}^{(11)}m_{302}^{(22)}+2m_{001}^{(11)}m_{210}^{(11)}m_{203}^{(20)}-m_{001}^{(11)}m_{210}^{(11)}m_{104}^{(00)}$$
$$-2m_{001}^{(11)}m_{210}^{(20)}m_{221}^{(22)}+4m_{001}^{(11)}m_{210}^{(20)}m_{212}^{(21)}-2m_{001}^{(11)}m_{210}^{(20)}m_{203}^{(11)}+2m_{001}^{(11)}m_{210}^{(21)}m_{311}^{(22)}$$
$$-4m_{001}^{(11)}m_{210}^{(21)}m_{212}^{(20)}+2m_{001}^{(11)}m_{210}^{(21)}m_{113}^{(00)}-2m_{001}^{(11)}m_{210}^{(22)}m_{311}^{(21)}+m_{001}^{(11)}m_{210}^{(22)}m_{302}^{(11)}$$
$$+2m_{001}^{(11)}m_{210}^{(22)}m_{221}^{(20)}-m_{001}^{(11)}m_{210}^{(22)}m_{122}^{(00)}-m_{001}^{(11)}m_{201}^{(00)}m_{131}^{(22)}+2m_{001}^{(11)}m_{201}^{(00)}m_{122}^{(21)}$$
$$-m_{001}^{(11)}m_{201}^{(00)}m_{113}^{(11)}+3m_{001}^{(11)}m_{201}^{(10)}m_{221}^{(22)}-6m_{001}^{(11)}m_{201}^{(10)}m_{212}^{(21)}+3m_{001}^{(11)}m_{201}^{(10)}m_{203}^{(11)}$$
$$-2m_{001}^{(11)}m_{201}^{(11)}m_{311}^{(22)}+3m_{001}^{(11)}m_{201}^{(11)}m_{302}^{(21)}+m_{001}^{(11)}m_{201}^{(11)}m_{212}^{(20)}-3m_{001}^{(11)}m_{201}^{(11)}m_{203}^{(10)}$$
$$+m_{001}^{(11)}m_{201}^{(11)}m_{113}^{(00)}-m_{001}^{(11)}m_{201}^{(20)}m_{230}^{(22)}+2m_{001}^{(11)}m_{201}^{(20)}m_{221}^{(21)}-m_{001}^{(11)}m_{201}^{(20)}m_{212}^{(11)}$$
$$+m_{001}^{(11)}m_{201}^{(21)}m_{320}^{(22)}-3m_{001}^{(11)}m_{201}^{(21)}m_{302}^{(11)}-2m_{001}^{(11)}m_{201}^{(21)}m_{221}^{(20)}+6m_{001}^{(11)}m_{201}^{(21)}m_{212}^{(10)}$$
$$-2m_{001}^{(11)}m_{201}^{(21)}m_{122}^{(00)}-m_{001}^{(11)}m_{201}^{(22)}m_{320}^{(21)}+2m_{001}^{(11)}m_{201}^{(22)}m_{311}^{(11)}+m_{001}^{(11)}m_{201}^{(22)}m_{230}^{(20)}$$
$$-3m_{001}^{(11)}m_{201}^{(22)}m_{221}^{(10)}+m_{001}^{(11)}m_{201}^{(22)}m_{131}^{(00)}-m_{001}^{(11)}m_{120}^{(00)}m_{212}^{(22)}+m_{001}^{(11)}m_{120}^{(00)}m_{203}^{(21)}$$
$$+m_{001}^{(11)}m_{120}^{(00)}m_{113}^{(20)}-m_{001}^{(11)}m_{120}^{(00)}m_{104}^{(10)}+m_{001}^{(11)}m_{120}^{(10)}m_{302}^{(22)}-2m_{001}^{(11)}m_{120}^{(10)}m_{203}^{(20)}$$
$$+m_{001}^{(11)}m_{120}^{(10)}m_{104}^{(00)}+m_{001}^{(11)}m_{120}^{(20)}m_{311}^{(22)}-2m_{001}^{(11)}m_{120}^{(20)}m_{302}^{(21)}+2m_{001}^{(11)}m_{120}^{(20)}m_{203}^{(10)}$$
$$-m_{001}^{(11)}m_{120}^{(20)}m_{113}^{(00)}-m_{001}^{(11)}m_{120}^{(21)}m_{401}^{(22)}+2m_{001}^{(11)}m_{120}^{(21)}m_{302}^{(20)}-m_{001}^{(11)}m_{120}^{(21)}m_{203}^{(00)}$$
$$+m_{001}^{(11)}m_{120}^{(22)}m_{401}^{(21)}-m_{001}^{(11)}m_{120}^{(22)}m_{311}^{(20)}-m_{001}^{(11)}m_{120}^{(22)}m_{302}^{(10)}+m_{001}^{(11)}m_{120}^{(22)}m_{212}^{(00)}$$
$$+2m_{001}^{(11)}m_{111}^{(00)}m_{212}^{(21)}-2m_{001}^{(11)}m_{111}^{(00)}m_{203}^{(11)}-2m_{001}^{(11)}m_{111}^{(00)}m_{122}^{(20)}+2m_{001}^{(11)}m_{111}^{(00)}m_{113}^{(10)}$$
$$-2m_{001}^{(11)}m_{111}^{(10)}m_{311}^{(22)}+4m_{001}^{(11)}m_{111}^{(10)}m_{212}^{(20)}-2m_{001}^{(11)}m_{111}^{(10)}m_{113}^{(00)}+2m_{001}^{(11)}m_{111}^{(11)}m_{401}^{(22)}$$
$$-4m_{001}^{(11)}m_{111}^{(11)}m_{302}^{(20)}+2m_{001}^{(11)}m_{111}^{(11)}m_{203}^{(00)}+2m_{001}^{(11)}m_{111}^{(20)}m_{320}^{(22)}-4m_{001}^{(11)}m_{111}^{(20)}m_{311}^{(21)}$$
$$+4m_{001}^{(11)}m_{111}^{(20)}m_{302}^{(11)}-4m_{001}^{(11)}m_{111}^{(20)}m_{212}^{(10)}+2m_{001}^{(11)}m_{111}^{(20)}m_{122}^{(00)}-2m_{001}^{(11)}m_{111}^{(21)}m_{410}^{(22)}$$
$$+4m_{001}^{(11)}m_{111}^{(21)}m_{311}^{(20)}-2m_{001}^{(11)}m_{111}^{(21)}m_{212}^{(00)}+2m_{001}^{(11)}m_{111}^{(22)}m_{410}^{(21)}-2m_{001}^{(11)}m_{111}^{(22)}m_{401}^{(11)}$$
$$-2m_{001}^{(11)}m_{111}^{(22)}m_{320}^{(20)}+2m_{001}^{(11)}m_{111}^{(22)}m_{311}^{(10)}+m_{001}^{(11)}m_{102}^{(00)}m_{230}^{(22)}-3m_{001}^{(11)}m_{102}^{(00)}m_{221}^{(21)}$$
$$+2m_{001}^{(11)}m_{102}^{(00)}m_{212}^{(11)}+m_{001}^{(11)}m_{102}^{(00)}m_{131}^{(20)}-m_{001}^{(11)}m_{102}^{(00)}m_{122}^{(10)}-2m_{001}^{(11)}m_{102}^{(10)}m_{320}^{(22)}$$
$$+6m_{001}^{(11)}m_{102}^{(10)}m_{311}^{(21)}-3m_{001}^{(11)}m_{102}^{(10)}m_{302}^{(11)}-2m_{001}^{(11)}m_{102}^{(10)}m_{221}^{(20)}+m_{001}^{(11)}m_{102}^{(10)}m_{122}^{(00)}$$
$$+m_{001}^{(11)}m_{102}^{(11)}m_{410}^{(22)}-3m_{001}^{(11)}m_{102}^{(11)}m_{401}^{(21)}+m_{001}^{(11)}m_{102}^{(11)}m_{311}^{(20)}+3m_{001}^{(11)}m_{102}^{(11)}m_{302}^{(10)}$$
$$-2m_{001}^{(11)}m_{102}^{(11)}m_{212}^{(00)}-m_{001}^{(11)}m_{102}^{(20)}m_{311}^{(11)}+2m_{001}^{(11)}m_{102}^{(20)}m_{221}^{(10)}-m_{001}^{(11)}m_{102}^{(20)}m_{131}^{(00)}$$
$$+3m_{001}^{(11)}m_{102}^{(21)}m_{401}^{(11)}-6m_{001}^{(11)}m_{102}^{(21)}m_{311}^{(10)}+3m_{001}^{(11)}m_{102}^{(21)}m_{221}^{(00)}-m_{001}^{(11)}m_{102}^{(22)}m_{410}^{(11)}$$
$$+2m_{001}^{(11)}m_{102}^{(22)}m_{320}^{(10)}-m_{001}^{(11)}m_{102}^{(22)}m_{230}^{(00)}+m_{001}^{(11)}m_{021}^{(00)}m_{311}^{(22)}-m_{001}^{(11)}m_{021}^{(00)}m_{302}^{(21)}$$

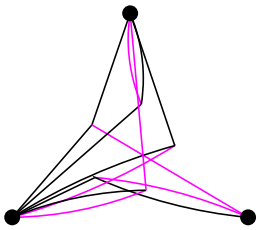
$$
\begin{aligned}
&-m_{001}^{(11)}m_{021}^{(00)}m_{212}^{(20)} + m_{001}^{(11)}m_{021}^{(00)}m_{203}^{(10)} - m_{001}^{(11)}m_{021}^{(10)}m_{401}^{(22)} + 2m_{001}^{(11)}m_{021}^{(10)}m_{302}^{(20)}\\
&-m_{001}^{(11)}m_{021}^{(10)}m_{203}^{(00)} - m_{001}^{(11)}m_{021}^{(20)}m_{410}^{(22)} + 2m_{001}^{(11)}m_{021}^{(20)}m_{401}^{(21)} - 2m_{001}^{(11)}m_{021}^{(20)}m_{302}^{(10)}\\
&+m_{001}^{(11)}m_{021}^{(20)}m_{212}^{(00)} + m_{001}^{(11)}m_{021}^{(21)}m_{500}^{(22)} - 2m_{001}^{(11)}m_{021}^{(21)}m_{401}^{(20)} + m_{001}^{(11)}m_{021}^{(21)}m_{302}^{(00)}\\
&-m_{001}^{(11)}m_{021}^{(22)}m_{500}^{(21)} + m_{001}^{(11)}m_{021}^{(22)}m_{410}^{(20)} + m_{001}^{(11)}m_{021}^{(22)}m_{401}^{(10)} - m_{001}^{(11)}m_{021}^{(22)}m_{311}^{(00)}\\
&-m_{001}^{(11)}m_{012}^{(00)}m_{320}^{(22)} + m_{001}^{(11)}m_{012}^{(00)}m_{302}^{(11)} + 2m_{001}^{(11)}m_{012}^{(00)}m_{221}^{(20)} - 2m_{001}^{(11)}m_{012}^{(00)}m_{212}^{(10)}\\
&+2m_{001}^{(11)}m_{012}^{(10)}m_{410}^{(22)} - 4m_{001}^{(11)}m_{012}^{(10)}m_{311}^{(20)} + 2m_{001}^{(11)}m_{012}^{(10)}m_{212}^{(00)} - m_{001}^{(11)}m_{012}^{(11)}m_{500}^{(22)}\\
&+2m_{001}^{(11)}m_{012}^{(11)}m_{401}^{(20)} - m_{001}^{(11)}m_{012}^{(11)}m_{302}^{(00)} - 2m_{001}^{(11)}m_{012}^{(20)}m_{401}^{(11)} + 4m_{001}^{(11)}m_{012}^{(20)}m_{311}^{(10)}\\
&-2m_{001}^{(11)}m_{012}^{(20)}m_{221}^{(00)} + m_{001}^{(11)}m_{012}^{(22)}m_{500}^{(11)} - 2m_{001}^{(11)}m_{012}^{(22)}m_{410}^{(10)} + m_{001}^{(11)}m_{012}^{(22)}m_{320}^{(00)}\\
&+m_{001}^{(11)}m_{003}^{(00)}m_{320}^{(21)} - m_{001}^{(11)}m_{003}^{(00)}m_{311}^{(11)} - m_{001}^{(11)}m_{003}^{(00)}m_{230}^{(20)} + m_{001}^{(11)}m_{003}^{(00)}m_{221}^{(10)}\\
&-2m_{001}^{(11)}m_{003}^{(10)}m_{410}^{(21)} + m_{001}^{(11)}m_{003}^{(10)}m_{401}^{(11)} + 2m_{001}^{(11)}m_{003}^{(10)}m_{320}^{(20)} - m_{001}^{(11)}m_{003}^{(10)}m_{221}^{(00)}\\
&+m_{001}^{(11)}m_{003}^{(11)}m_{500}^{(21)} - m_{001}^{(11)}m_{003}^{(11)}m_{410}^{(20)} - m_{001}^{(11)}m_{003}^{(11)}m_{401}^{(10)} + m_{001}^{(11)}m_{003}^{(11)}m_{311}^{(00)}\\
&+m_{001}^{(11)}m_{003}^{(20)}m_{410}^{(11)} - 2m_{001}^{(11)}m_{003}^{(20)}m_{320}^{(10)} + m_{001}^{(11)}m_{003}^{(20)}m_{230}^{(00)} - m_{001}^{(11)}m_{003}^{(21)}m_{500}^{(11)}\\
&+2m_{001}^{(11)}m_{003}^{(21)}m_{410}^{(10)} - m_{001}^{(11)}m_{003}^{(21)}m_{320}^{(00)} - m_{001}^{(20)}m_{300}^{(10)}m_{041}^{(22)} + 2m_{001}^{(20)}m_{300}^{(10)}m_{032}^{(21)}\\
&-m_{001}^{(20)}m_{300}^{(10)}m_{023}^{(11)} + m_{001}^{(20)}m_{300}^{(11)}m_{131}^{(22)} - m_{001}^{(20)}m_{300}^{(11)}m_{122}^{(21)} - m_{001}^{(20)}m_{300}^{(11)}m_{032}^{(20)}\\
&+m_{001}^{(20)}m_{300}^{(11)}m_{023}^{(10)} + m_{001}^{(20)}m_{300}^{(20)}m_{050}^{(22)} - 2m_{001}^{(20)}m_{300}^{(20)}m_{041}^{(21)} + m_{001}^{(20)}m_{300}^{(20)}m_{032}^{(11)}\\
&-m_{001}^{(20)}m_{300}^{(21)}m_{140}^{(22)} + m_{001}^{(20)}m_{300}^{(21)}m_{122}^{(11)} + 2m_{001}^{(20)}m_{300}^{(21)}m_{041}^{(20)} - 2m_{001}^{(20)}m_{300}^{(21)}m_{032}^{(10)}\\
&+m_{001}^{(20)}m_{300}^{(22)}m_{140}^{(21)} - m_{001}^{(20)}m_{300}^{(22)}m_{131}^{(11)} - m_{001}^{(20)}m_{300}^{(22)}m_{050}^{(20)} + m_{001}^{(20)}m_{300}^{(22)}m_{041}^{(10)}\\
&+m_{001}^{(20)}m_{210}^{(00)}m_{041}^{(22)} - 2m_{001}^{(20)}m_{210}^{(00)}m_{032}^{(21)} + m_{001}^{(20)}m_{210}^{(00)}m_{023}^{(11)} + m_{001}^{(20)}m_{210}^{(10)}m_{131}^{(22)}\\
&-2m_{001}^{(20)}m_{210}^{(10)}m_{122}^{(21)} + m_{001}^{(20)}m_{210}^{(10)}m_{113}^{(11)} - 2m_{001}^{(20)}m_{210}^{(11)}m_{221}^{(22)} + m_{001}^{(20)}m_{210}^{(11)}m_{212}^{(21)}\\
&+3m_{001}^{(20)}m_{210}^{(11)}m_{122}^{(20)} - m_{001}^{(20)}m_{210}^{(11)}m_{113}^{(10)} - m_{001}^{(20)}m_{210}^{(11)}m_{023}^{(00)} - 3m_{001}^{(20)}m_{210}^{(20)}m_{140}^{(22)}\\
&+6m_{001}^{(20)}m_{210}^{(20)}m_{131}^{(21)} - 3m_{001}^{(20)}m_{210}^{(20)}m_{122}^{(11)} + 3m_{001}^{(20)}m_{210}^{(21)}m_{230}^{(22)} - m_{001}^{(20)}m_{210}^{(21)}m_{212}^{(11)}\\
&-6m_{001}^{(20)}m_{210}^{(21)}m_{131}^{(20)} + 2m_{001}^{(20)}m_{210}^{(21)}m_{122}^{(10)} + 2m_{001}^{(20)}m_{210}^{(21)}m_{032}^{(00)} - 3m_{001}^{(20)}m_{210}^{(22)}m_{230}^{(21)}\\
&+2m_{001}^{(20)}m_{210}^{(22)}m_{221}^{(11)} + 3m_{001}^{(20)}m_{210}^{(22)}m_{140}^{(20)} - m_{001}^{(20)}m_{210}^{(22)}m_{131}^{(10)} - m_{001}^{(20)}m_{210}^{(22)}m_{041}^{(00)}\\
&-m_{001}^{(20)}m_{201}^{(00)}m_{050}^{(22)} + 2m_{001}^{(20)}m_{201}^{(00)}m_{041}^{(21)} - m_{001}^{(20)}m_{201}^{(00)}m_{032}^{(11)} + 2m_{001}^{(20)}m_{201}^{(10)}m_{140}^{(22)}\\
&-4m_{001}^{(20)}m_{201}^{(10)}m_{131}^{(21)} + 2m_{001}^{(20)}m_{201}^{(10)}m_{122}^{(11)} - m_{001}^{(20)}m_{201}^{(11)}m_{230}^{(22)} + 2m_{001}^{(20)}m_{201}^{(11)}m_{221}^{(21)}\\
&-2m_{001}^{(20)}m_{201}^{(11)}m_{122}^{(10)} + m_{001}^{(20)}m_{201}^{(11)}m_{032}^{(00)} - 2m_{001}^{(20)}m_{201}^{(21)}m_{221}^{(11)} + 4m_{001}^{(20)}m_{201}^{(21)}m_{131}^{(10)}\\
&-2m_{001}^{(20)}m_{201}^{(21)}m_{041}^{(00)} + m_{001}^{(20)}m_{201}^{(22)}m_{230}^{(11)} - 2m_{001}^{(20)}m_{201}^{(22)}m_{140}^{(10)} + m_{001}^{(20)}m_{201}^{(22)}m_{050}^{(00)}\\
&-2m_{001}^{(20)}m_{120}^{(00)}m_{131}^{(22)} + 3m_{001}^{(20)}m_{120}^{(00)}m_{122}^{(21)} - m_{001}^{(20)}m_{120}^{(00)}m_{113}^{(11)} + m_{001}^{(20)}m_{120}^{(00)}m_{032}^{(20)}\\
&-m_{001}^{(20)}m_{120}^{(00)}m_{023}^{(10)} + m_{001}^{(20)}m_{120}^{(10)}m_{221}^{(22)} - 2m_{001}^{(20)}m_{120}^{(10)}m_{122}^{(20)} + m_{001}^{(20)}m_{120}^{(10)}m_{023}^{(00)}\\
&+m_{001}^{(20)}m_{120}^{(11)}m_{311}^{(22)} - 2m_{001}^{(20)}m_{120}^{(11)}m_{212}^{(20)} + m_{001}^{(20)}m_{120}^{(11)}m_{113}^{(00)} + 3m_{001}^{(20)}m_{120}^{(20)}m_{230}^{(22)}\\
&-6m_{001}^{(20)}m_{120}^{(20)}m_{221}^{(21)} + 2m_{001}^{(20)}m_{120}^{(20)}m_{212}^{(11)} + 2m_{001}^{(20)}m_{120}^{(20)}m_{122}^{(10)} - m_{001}^{(20)}m_{120}^{(20)}m_{032}^{(00)}\\
&-3m_{001}^{(20)}m_{120}^{(21)}m_{320}^{(22)} + 6m_{001}^{(20)}m_{120}^{(21)}m_{221}^{(20)} - 3m_{001}^{(20)}m_{120}^{(21)}m_{122}^{(00)} + 3m_{001}^{(20)}m_{120}^{(22)}m_{320}^{(21)}\\
&-m_{001}^{(20)}m_{120}^{(22)}m_{311}^{(11)} - 3m_{001}^{(20)}m_{120}^{(22)}m_{230}^{(20)} - m_{001}^{(20)}m_{120}^{(22)}m_{221}^{(10)} + 2m_{001}^{(20)}m_{120}^{(22)}m_{131}^{(00)}\\
&+2m_{001}^{(20)}m_{111}^{(00)}m_{140}^{(22)} - 2m_{001}^{(20)}m_{111}^{(00)}m_{131}^{(21)} - 2m_{001}^{(20)}m_{111}^{(00)}m_{041}^{(20)} + 2m_{001}^{(20)}m_{111}^{(00)}m_{032}^{(10)}\\
&-4m_{001}^{(20)}m_{111}^{(10)}m_{230}^{(22)} + 4m_{001}^{(20)}m_{111}^{(10)}m_{221}^{(21)} - 2m_{001}^{(20)}m_{111}^{(10)}m_{212}^{(11)} + 4m_{001}^{(20)}m_{111}^{(10)}m_{131}^{(20)}\\
&-2m_{001}^{(20)}m_{111}^{(10)}m_{032}^{(00)} + 2m_{001}^{(20)}m_{111}^{(11)}m_{320}^{(22)} - 2m_{001}^{(20)}m_{111}^{(11)}m_{311}^{(21)} - 2m_{001}^{(20)}m_{111}^{(11)}m_{221}^{(20)}\\
&+2m_{001}^{(20)}m_{111}^{(11)}m_{212}^{(10)} + 2m_{001}^{(20)}m_{111}^{(20)}m_{221}^{(11)} - 4m_{001}^{(20)}m_{111}^{(20)}m_{131}^{(10)} + 2m_{001}^{(20)}m_{111}^{(20)}m_{041}^{(00)}\\
&+2m_{001}^{(20)}m_{111}^{(21)}m_{311}^{(11)} - 4m_{001}^{(20)}m_{111}^{(21)}m_{221}^{(10)} + 2m_{001}^{(20)}m_{111}^{(21)}m_{131}^{(00)} - 2m_{001}^{(20)}m_{111}^{(22)}m_{320}^{(11)}
\end{aligned}
$$

$$+4m_{001}^{(20)}m_{111}^{(22)}m_{230}^{(10)} - 2m_{001}^{(20)}m_{111}^{(22)}m_{140}^{(00)} - m_{001}^{(20)}m_{102}^{(00)}m_{140}^{(21)} + m_{001}^{(20)}m_{102}^{(00)}m_{131}^{(11)}$$
$$+m_{001}^{(20)}m_{102}^{(00)}m_{050}^{(20)} - m_{001}^{(20)}m_{102}^{(00)}m_{041}^{(10)} + 2m_{001}^{(20)}m_{102}^{(10)}m_{230}^{(21)} - m_{001}^{(20)}m_{102}^{(10)}m_{221}^{(11)}$$
$$-2m_{001}^{(20)}m_{102}^{(10)}m_{140}^{(20)} + m_{001}^{(20)}m_{102}^{(10)}m_{041}^{(00)} - m_{001}^{(20)}m_{102}^{(11)}m_{320}^{(21)} + m_{001}^{(20)}m_{102}^{(11)}m_{230}^{(20)}$$
$$+m_{001}^{(20)}m_{102}^{(11)}m_{221}^{(10)} - m_{001}^{(20)}m_{102}^{(11)}m_{131}^{(00)} - m_{001}^{(20)}m_{102}^{(20)}m_{230}^{(11)} + 2m_{001}^{(20)}m_{102}^{(20)}m_{140}^{(10)}$$
$$-m_{001}^{(20)}m_{102}^{(20)}m_{050}^{(00)} + m_{001}^{(20)}m_{102}^{(21)}m_{320}^{(11)} - 2m_{001}^{(20)}m_{102}^{(21)}m_{230}^{(10)} + m_{001}^{(20)}m_{102}^{(21)}m_{140}^{(00)}$$
$$+m_{001}^{(20)}m_{030}^{(00)}m_{221}^{(22)} - m_{001}^{(20)}m_{030}^{(00)}m_{212}^{(21)} - m_{001}^{(20)}m_{030}^{(00)}m_{122}^{(20)} + m_{001}^{(20)}m_{030}^{(00)}m_{113}^{(10)}$$
$$-m_{001}^{(20)}m_{030}^{(10)}m_{311}^{(22)} + 2m_{001}^{(20)}m_{030}^{(10)}m_{212}^{(20)} - m_{001}^{(20)}m_{030}^{(10)}m_{113}^{(00)} - m_{001}^{(20)}m_{030}^{(20)}m_{320}^{(22)}$$
$$+2m_{001}^{(20)}m_{030}^{(20)}m_{311}^{(21)} - 2m_{001}^{(20)}m_{030}^{(20)}m_{212}^{(10)} + m_{001}^{(20)}m_{030}^{(20)}m_{122}^{(00)} + m_{001}^{(20)}m_{030}^{(21)}m_{410}^{(22)}$$
$$-2m_{001}^{(20)}m_{030}^{(21)}m_{311}^{(20)} + m_{001}^{(20)}m_{030}^{(21)}m_{212}^{(00)} - m_{001}^{(20)}m_{030}^{(22)}m_{410}^{(21)} + m_{001}^{(20)}m_{030}^{(22)}m_{320}^{(20)}$$
$$+m_{001}^{(20)}m_{030}^{(22)}m_{311}^{(10)} - m_{001}^{(20)}m_{030}^{(22)}m_{221}^{(00)} - m_{001}^{(20)}m_{021}^{(00)}m_{230}^{(22)} + m_{001}^{(20)}m_{021}^{(00)}m_{212}^{(11)}$$
$$+2m_{001}^{(20)}m_{021}^{(00)}m_{131}^{(20)} - 2m_{001}^{(20)}m_{021}^{(00)}m_{122}^{(10)} + 2m_{001}^{(20)}m_{021}^{(10)}m_{320}^{(22)} - 4m_{001}^{(20)}m_{021}^{(10)}m_{221}^{(20)}$$
$$+2m_{001}^{(20)}m_{021}^{(10)}m_{122}^{(00)} - m_{001}^{(20)}m_{021}^{(11)}m_{410}^{(22)} + 2m_{001}^{(20)}m_{021}^{(11)}m_{311}^{(20)} - m_{001}^{(20)}m_{021}^{(11)}m_{212}^{(00)}$$
$$-2m_{001}^{(20)}m_{021}^{(20)}m_{311}^{(11)} + 4m_{001}^{(20)}m_{021}^{(20)}m_{221}^{(10)} - 2m_{001}^{(20)}m_{021}^{(20)}m_{131}^{(00)} + m_{001}^{(20)}m_{021}^{(22)}m_{410}^{(11)}$$
$$-2m_{001}^{(20)}m_{021}^{(22)}m_{320}^{(10)} + m_{001}^{(20)}m_{021}^{(22)}m_{230}^{(00)} + m_{001}^{(20)}m_{012}^{(00)}m_{230}^{(21)} - m_{001}^{(20)}m_{012}^{(00)}m_{221}^{(11)}$$
$$-m_{001}^{(20)}m_{012}^{(00)}m_{140}^{(20)} + m_{001}^{(20)}m_{012}^{(00)}m_{131}^{(10)} - 2m_{001}^{(20)}m_{012}^{(10)}m_{320}^{(21)} + m_{001}^{(20)}m_{012}^{(10)}m_{311}^{(11)}$$
$$+2m_{001}^{(20)}m_{012}^{(10)}m_{230}^{(20)} - m_{001}^{(20)}m_{012}^{(10)}m_{131}^{(00)} + m_{001}^{(20)}m_{012}^{(11)}m_{410}^{(21)} - m_{001}^{(20)}m_{012}^{(11)}m_{320}^{(20)}$$
$$-m_{001}^{(20)}m_{012}^{(11)}m_{311}^{(10)} + m_{001}^{(20)}m_{012}^{(11)}m_{221}^{(00)} + m_{001}^{(20)}m_{012}^{(20)}m_{320}^{(11)} - 2m_{001}^{(20)}m_{012}^{(20)}m_{230}^{(10)}$$
$$+m_{001}^{(20)}m_{012}^{(20)}m_{140}^{(00)} - m_{001}^{(20)}m_{012}^{(21)}m_{410}^{(11)} + 2m_{001}^{(20)}m_{012}^{(21)}m_{320}^{(10)} - m_{001}^{(20)}m_{012}^{(21)}m_{230}^{(00)}$$
$$+m_{001}^{(21)}m_{300}^{(10)}m_{131}^{(22)} - 2m_{001}^{(21)}m_{300}^{(10)}m_{122}^{(21)} + m_{001}^{(21)}m_{300}^{(10)}m_{113}^{(11)} - m_{001}^{(21)}m_{300}^{(11)}m_{221}^{(22)}$$
$$+m_{001}^{(21)}m_{300}^{(11)}m_{212}^{(21)} + m_{001}^{(21)}m_{300}^{(11)}m_{122}^{(20)} - m_{001}^{(21)}m_{300}^{(11)}m_{113}^{(10)} - m_{001}^{(21)}m_{300}^{(20)}m_{140}^{(22)}$$
$$+2m_{001}^{(21)}m_{300}^{(20)}m_{131}^{(21)} - m_{001}^{(21)}m_{300}^{(20)}m_{122}^{(11)} + m_{001}^{(21)}m_{300}^{(21)}m_{230}^{(22)} - m_{001}^{(21)}m_{300}^{(21)}m_{212}^{(11)}$$
$$-2m_{001}^{(21)}m_{300}^{(21)}m_{131}^{(20)} + 2m_{001}^{(21)}m_{300}^{(21)}m_{122}^{(10)} - m_{001}^{(21)}m_{300}^{(22)}m_{230}^{(21)} + m_{001}^{(21)}m_{300}^{(22)}m_{221}^{(11)}$$
$$+m_{001}^{(21)}m_{300}^{(22)}m_{140}^{(20)} - m_{001}^{(21)}m_{300}^{(22)}m_{131}^{(10)} - m_{001}^{(21)}m_{210}^{(11)}m_{131}^{(22)} + 2m_{001}^{(21)}m_{210}^{(00)}m_{122}^{(21)}$$
$$-m_{001}^{(21)}m_{210}^{(00)}m_{113}^{(11)} - m_{001}^{(21)}m_{210}^{(10)}m_{221}^{(22)} + 2m_{001}^{(21)}m_{210}^{(10)}m_{212}^{(21)} - m_{001}^{(21)}m_{210}^{(10)}m_{203}^{(11)}$$
$$+2m_{001}^{(21)}m_{210}^{(11)}m_{311}^{(22)} - m_{001}^{(21)}m_{210}^{(11)}m_{302}^{(21)} - 3m_{001}^{(21)}m_{210}^{(11)}m_{212}^{(20)} + m_{001}^{(21)}m_{210}^{(11)}m_{203}^{(10)}$$
$$+m_{001}^{(21)}m_{210}^{(11)}m_{113}^{(00)} + 3m_{001}^{(21)}m_{210}^{(20)}m_{230}^{(22)} - 6m_{001}^{(21)}m_{210}^{(20)}m_{221}^{(21)} + 3m_{001}^{(21)}m_{210}^{(20)}m_{212}^{(11)}$$
$$-3m_{001}^{(21)}m_{210}^{(21)}m_{320}^{(22)} + m_{001}^{(21)}m_{210}^{(21)}m_{302}^{(11)} + 6m_{001}^{(21)}m_{210}^{(21)}m_{221}^{(20)} - 2m_{001}^{(21)}m_{210}^{(21)}m_{212}^{(10)}$$
$$-2m_{001}^{(21)}m_{210}^{(21)}m_{122}^{(00)} + 3m_{001}^{(21)}m_{210}^{(22)}m_{320}^{(21)} - 2m_{001}^{(21)}m_{210}^{(22)}m_{311}^{(11)} - 3m_{001}^{(21)}m_{210}^{(22)}m_{230}^{(20)}$$
$$+m_{001}^{(21)}m_{210}^{(22)}m_{221}^{(10)} + m_{001}^{(21)}m_{210}^{(22)}m_{131}^{(00)} + m_{001}^{(21)}m_{201}^{(00)}m_{140}^{(22)} - 2m_{001}^{(21)}m_{201}^{(00)}m_{131}^{(21)}$$
$$+m_{001}^{(21)}m_{201}^{(00)}m_{122}^{(11)} - 2m_{001}^{(21)}m_{201}^{(10)}m_{230}^{(22)} + 4m_{001}^{(21)}m_{201}^{(10)}m_{221}^{(21)} - 2m_{001}^{(21)}m_{201}^{(10)}m_{212}^{(11)}$$
$$+m_{001}^{(21)}m_{201}^{(11)}m_{320}^{(22)} - 2m_{001}^{(21)}m_{201}^{(11)}m_{311}^{(21)} + 2m_{001}^{(21)}m_{201}^{(11)}m_{212}^{(10)} - m_{001}^{(21)}m_{201}^{(11)}m_{122}^{(00)}$$
$$+2m_{001}^{(21)}m_{201}^{(21)}m_{311}^{(11)} - 4m_{001}^{(21)}m_{201}^{(21)}m_{221}^{(10)} + 2m_{001}^{(21)}m_{201}^{(21)}m_{131}^{(00)} - m_{001}^{(21)}m_{201}^{(22)}m_{320}^{(11)}$$
$$+2m_{001}^{(21)}m_{201}^{(22)}m_{230}^{(10)} - m_{001}^{(21)}m_{201}^{(22)}m_{140}^{(00)} + 2m_{001}^{(21)}m_{120}^{(00)}m_{221}^{(22)} - 3m_{001}^{(21)}m_{120}^{(00)}m_{212}^{(21)}$$
$$+m_{001}^{(21)}m_{120}^{(00)}m_{203}^{(11)} - m_{001}^{(21)}m_{120}^{(00)}m_{122}^{(20)} + m_{001}^{(21)}m_{120}^{(00)}m_{113}^{(10)} - m_{001}^{(21)}m_{120}^{(10)}m_{311}^{(22)}$$
$$+2m_{001}^{(21)}m_{120}^{(10)}m_{212}^{(20)} - m_{001}^{(21)}m_{120}^{(10)}m_{113}^{(00)} - m_{001}^{(21)}m_{120}^{(11)}m_{401}^{(22)} + 2m_{001}^{(21)}m_{120}^{(11)}m_{302}^{(20)}$$
$$-m_{001}^{(21)}m_{120}^{(11)}m_{203}^{(00)} - 3m_{001}^{(21)}m_{120}^{(20)}m_{320}^{(22)} + 6m_{001}^{(21)}m_{120}^{(20)}m_{311}^{(21)} - 2m_{001}^{(21)}m_{120}^{(20)}m_{302}^{(11)}$$
$$-2m_{001}^{(21)}m_{120}^{(20)}m_{212}^{(10)} + m_{001}^{(21)}m_{120}^{(20)}m_{122}^{(00)} + 3m_{001}^{(21)}m_{120}^{(21)}m_{410}^{(22)} - 6m_{001}^{(21)}m_{120}^{(21)}m_{311}^{(20)}$$
$$+3m_{001}^{(21)}m_{120}^{(21)}m_{212}^{(00)} - 3m_{001}^{(21)}m_{120}^{(22)}m_{410}^{(21)} + m_{001}^{(21)}m_{120}^{(22)}m_{401}^{(11)} + 3m_{001}^{(21)}m_{120}^{(22)}m_{320}^{(20)}$$

$$
\begin{aligned}
&+m_{001}^{(21)}m_{120}^{(22)}m_{311}^{(10)} - 2m_{001}^{(21)}m_{120}^{(22)}m_{221}^{(00)} - 2m_{001}^{(21)}m_{111}^{(00)}m_{230}^{(22)} + 2m_{001}^{(21)}m_{111}^{(00)}m_{221}^{(21)}\\
&+2m_{001}^{(21)}m_{111}^{(00)}m_{131}^{(20)} - 2m_{001}^{(21)}m_{111}^{(00)}m_{122}^{(10)} + 4m_{001}^{(21)}m_{111}^{(10)}m_{320}^{(22)} - 4m_{001}^{(21)}m_{111}^{(10)}m_{311}^{(21)}\\
&+2m_{001}^{(21)}m_{111}^{(10)}m_{302}^{(11)} - 4m_{001}^{(21)}m_{111}^{(10)}m_{221}^{(20)} + 2m_{001}^{(21)}m_{111}^{(10)}m_{122}^{(00)} - 2m_{001}^{(21)}m_{111}^{(11)}m_{410}^{(22)}\\
&+2m_{001}^{(21)}m_{111}^{(11)}m_{401}^{(21)} + 2m_{001}^{(21)}m_{111}^{(11)}m_{311}^{(20)} - 2m_{001}^{(21)}m_{111}^{(11)}m_{302}^{(10)} - 2m_{001}^{(21)}m_{111}^{(20)}m_{311}^{(11)}\\
&+4m_{001}^{(21)}m_{111}^{(20)}m_{221}^{(10)} - 2m_{001}^{(21)}m_{111}^{(20)}m_{131}^{(00)} - 2m_{001}^{(21)}m_{111}^{(21)}m_{401}^{(11)} + 4m_{001}^{(21)}m_{111}^{(21)}m_{311}^{(10)}\\
&-2m_{001}^{(21)}m_{111}^{(21)}m_{221}^{(00)} + 2m_{001}^{(21)}m_{111}^{(22)}m_{410}^{(11)} - 4m_{001}^{(21)}m_{111}^{(22)}m_{320}^{(10)} + 2m_{001}^{(21)}m_{111}^{(22)}m_{230}^{(00)}\\
&+m_{001}^{(21)}m_{102}^{(00)}m_{230}^{(21)} - m_{001}^{(21)}m_{102}^{(00)}m_{221}^{(11)} - m_{001}^{(21)}m_{102}^{(00)}m_{140}^{(20)} + m_{001}^{(21)}m_{102}^{(00)}m_{131}^{(10)}\\
&-2m_{001}^{(21)}m_{102}^{(10)}m_{320}^{(21)} + m_{001}^{(21)}m_{102}^{(10)}m_{311}^{(11)} + 2m_{001}^{(21)}m_{102}^{(10)}m_{230}^{(20)} - m_{001}^{(21)}m_{102}^{(10)}m_{131}^{(00)}\\
&+m_{001}^{(21)}m_{102}^{(11)}m_{410}^{(21)} - m_{001}^{(21)}m_{102}^{(11)}m_{320}^{(20)} - m_{001}^{(21)}m_{102}^{(11)}m_{311}^{(10)} + m_{001}^{(21)}m_{102}^{(11)}m_{221}^{(00)}\\
&+m_{001}^{(21)}m_{102}^{(20)}m_{320}^{(11)} - 2m_{001}^{(21)}m_{102}^{(20)}m_{230}^{(10)} + m_{001}^{(21)}m_{102}^{(20)}m_{140}^{(00)} - m_{001}^{(21)}m_{102}^{(21)}m_{410}^{(11)}\\
&+2m_{001}^{(21)}m_{102}^{(21)}m_{320}^{(10)} - m_{001}^{(21)}m_{102}^{(21)}m_{230}^{(00)} - m_{001}^{(21)}m_{030}^{(00)}m_{311}^{(22)} + m_{001}^{(21)}m_{030}^{(00)}m_{302}^{(21)}\\
&+m_{001}^{(21)}m_{030}^{(00)}m_{212}^{(20)} - m_{001}^{(21)}m_{030}^{(00)}m_{203}^{(10)} + m_{001}^{(21)}m_{030}^{(10)}m_{401}^{(22)} - 2m_{001}^{(21)}m_{030}^{(10)}m_{302}^{(20)}\\
&+m_{001}^{(21)}m_{030}^{(10)}m_{203}^{(00)} + m_{001}^{(21)}m_{030}^{(20)}m_{410}^{(22)} - 2m_{001}^{(21)}m_{030}^{(20)}m_{401}^{(21)} + 2m_{001}^{(21)}m_{030}^{(20)}m_{302}^{(10)}\\
&-m_{001}^{(21)}m_{030}^{(20)}m_{212}^{(00)} - m_{001}^{(21)}m_{030}^{(21)}m_{500}^{(22)} + 2m_{001}^{(21)}m_{030}^{(21)}m_{401}^{(20)} - m_{001}^{(21)}m_{030}^{(21)}m_{302}^{(00)}\\
&+m_{001}^{(21)}m_{030}^{(22)}m_{500}^{(21)} - m_{001}^{(21)}m_{030}^{(22)}m_{410}^{(20)} - m_{001}^{(21)}m_{030}^{(22)}m_{401}^{(10)} + m_{001}^{(21)}m_{030}^{(22)}m_{311}^{(00)}\\
&+m_{001}^{(21)}m_{021}^{(00)}m_{320}^{(22)} - m_{001}^{(21)}m_{021}^{(00)}m_{302}^{(11)} - 2m_{001}^{(21)}m_{021}^{(00)}m_{221}^{(20)} + 2m_{001}^{(21)}m_{021}^{(00)}m_{212}^{(10)}\\
&-2m_{001}^{(21)}m_{021}^{(10)}m_{410}^{(22)} + 4m_{001}^{(21)}m_{021}^{(10)}m_{311}^{(20)} - 2m_{001}^{(21)}m_{021}^{(10)}m_{212}^{(00)} + m_{001}^{(21)}m_{021}^{(11)}m_{500}^{(22)}\\
&-2m_{001}^{(21)}m_{021}^{(11)}m_{401}^{(20)} + m_{001}^{(21)}m_{021}^{(11)}m_{302}^{(00)} + 2m_{001}^{(21)}m_{021}^{(20)}m_{401}^{(11)} - 4m_{001}^{(21)}m_{021}^{(20)}m_{311}^{(10)}\\
&+2m_{001}^{(21)}m_{021}^{(20)}m_{221}^{(00)} - m_{001}^{(21)}m_{021}^{(22)}m_{500}^{(11)} + 2m_{001}^{(21)}m_{021}^{(22)}m_{410}^{(10)} - m_{001}^{(21)}m_{021}^{(22)}m_{320}^{(00)}\\
&-m_{001}^{(21)}m_{012}^{(00)}m_{320}^{(21)} + m_{001}^{(21)}m_{012}^{(00)}m_{311}^{(11)} + m_{001}^{(21)}m_{012}^{(00)}m_{230}^{(20)} - m_{001}^{(21)}m_{012}^{(00)}m_{221}^{(10)}\\
&+2m_{001}^{(21)}m_{012}^{(10)}m_{410}^{(21)} - m_{001}^{(21)}m_{012}^{(10)}m_{401}^{(11)} - 2m_{001}^{(21)}m_{012}^{(10)}m_{320}^{(20)} + m_{001}^{(21)}m_{012}^{(10)}m_{221}^{(00)}\\
&-m_{001}^{(21)}m_{012}^{(11)}m_{500}^{(21)} + m_{001}^{(21)}m_{012}^{(11)}m_{410}^{(20)} + m_{001}^{(21)}m_{012}^{(11)}m_{401}^{(10)} - m_{001}^{(21)}m_{012}^{(11)}m_{311}^{(00)}\\
&-m_{001}^{(21)}m_{012}^{(20)}m_{410}^{(11)} + 2m_{001}^{(21)}m_{012}^{(20)}m_{320}^{(10)} - m_{001}^{(21)}m_{012}^{(20)}m_{230}^{(00)} + m_{001}^{(21)}m_{012}^{(21)}m_{500}^{(11)}\\
&-2m_{001}^{(21)}m_{012}^{(21)}m_{410}^{(10)} + m_{001}^{(21)}m_{012}^{(21)}m_{320}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{ccccc}
V1 & V1 & 1 & 1 & 1\\
1 & 1 & V2 & 2 & V3\\
V2 & 2 & 2 & V3 & 3
\end{array}
$$



$$
\begin{aligned}
T_{183} \;=\;& -m_{000}^{(00)} m_{220}^{(10)} m_{023}^{(22)} + 2m_{000}^{(00)} m_{220}^{(10)} m_{014}^{(21)} - m_{000}^{(00)} m_{220}^{(10)} m_{005}^{(11)} + m_{000}^{(00)} m_{220}^{(11)} m_{113}^{(22)} \\
& - m_{000}^{(00)} m_{220}^{(11)} m_{104}^{(21)} - m_{000}^{(00)} m_{220}^{(11)} m_{014}^{(20)} + m_{000}^{(00)} m_{220}^{(11)} m_{005}^{(10)} + m_{000}^{(00)} m_{220}^{(20)} m_{032}^{(22)} \\
& - 2m_{000}^{(00)} m_{220}^{(20)} m_{023}^{(21)} + m_{000}^{(00)} m_{220}^{(20)} m_{014}^{(11)} - m_{000}^{(00)} m_{220}^{(21)} m_{122}^{(22)} + m_{000}^{(00)} m_{220}^{(21)} m_{104}^{(11)} \\
& + 2m_{000}^{(00)} m_{220}^{(21)} m_{023}^{(20)} - 2m_{000}^{(00)} m_{220}^{(21)} m_{014}^{(10)} + m_{000}^{(00)} m_{220}^{(22)} m_{122}^{(21)} - m_{000}^{(00)} m_{220}^{(22)} m_{113}^{(11)} \\
& - m_{000}^{(00)} m_{220}^{(22)} m_{032}^{(20)} + m_{000}^{(00)} m_{220}^{(22)} m_{023}^{(10)} + 2m_{000}^{(00)} m_{211}^{(10)} m_{032}^{(22)} - 4m_{000}^{(00)} m_{211}^{(10)} m_{023}^{(21)} \\
& + 2m_{000}^{(00)} m_{211}^{(10)} m_{014}^{(11)} - 2m_{000}^{(00)} m_{211}^{(11)} m_{122}^{(22)} + 2m_{000}^{(00)} m_{211}^{(11)} m_{113}^{(21)} + 2m_{000}^{(00)} m_{211}^{(11)} m_{023}^{(20)} \\
& - 2m_{000}^{(00)} m_{211}^{(11)} m_{014}^{(10)} - 2m_{000}^{(00)} m_{211}^{(20)} m_{041}^{(22)} + 4m_{000}^{(00)} m_{211}^{(20)} m_{032}^{(21)} - 2m_{000}^{(00)} m_{211}^{(20)} m_{023}^{(11)} \\
& + 2m_{000}^{(00)} m_{211}^{(21)} m_{131}^{(22)} - 2m_{000}^{(00)} m_{211}^{(21)} m_{113}^{(11)} - 4m_{000}^{(00)} m_{211}^{(21)} m_{032}^{(20)} + 4m_{000}^{(00)} m_{211}^{(21)} m_{023}^{(10)} \\
& - 2m_{000}^{(00)} m_{211}^{(22)} m_{131}^{(21)} + 2m_{000}^{(00)} m_{211}^{(22)} m_{122}^{(11)} + 2m_{000}^{(00)} m_{211}^{(22)} m_{041}^{(20)} - 2m_{000}^{(00)} m_{211}^{(22)} m_{032}^{(10)} \\
& - m_{000}^{(00)} m_{202}^{(10)} m_{041}^{(22)} + 2m_{000}^{(00)} m_{202}^{(10)} m_{032}^{(21)} - m_{000}^{(00)} m_{202}^{(10)} m_{023}^{(11)} + m_{000}^{(00)} m_{202}^{(11)} m_{131}^{(22)} \\
& - m_{000}^{(00)} m_{202}^{(11)} m_{122}^{(21)} - m_{000}^{(00)} m_{202}^{(11)} m_{032}^{(20)} + m_{000}^{(00)} m_{202}^{(11)} m_{023}^{(10)} + m_{000}^{(00)} m_{202}^{(20)} m_{050}^{(22)} \\
& - 2m_{000}^{(00)} m_{202}^{(20)} m_{041}^{(21)} + m_{000}^{(00)} m_{202}^{(20)} m_{032}^{(11)} - m_{000}^{(00)} m_{202}^{(21)} m_{140}^{(22)} + m_{000}^{(00)} m_{202}^{(21)} m_{122}^{(11)} \\
& + 2m_{000}^{(00)} m_{202}^{(21)} m_{041}^{(20)} - 2m_{000}^{(00)} m_{202}^{(21)} m_{032}^{(10)} + m_{000}^{(00)} m_{202}^{(22)} m_{140}^{(21)} - m_{000}^{(00)} m_{202}^{(22)} m_{131}^{(11)} \\
& - m_{000}^{(00)} m_{202}^{(22)} m_{050}^{(20)} + m_{000}^{(00)} m_{202}^{(22)} m_{041}^{(10)} + m_{000}^{(00)} m_{130}^{(00)} m_{023}^{(22)} - 2m_{000}^{(00)} m_{130}^{(00)} m_{014}^{(21)} \\
& + m_{000}^{(00)} m_{130}^{(00)} m_{005}^{(11)} - m_{000}^{(00)} m_{130}^{(11)} m_{203}^{(22)} + 2m_{000}^{(00)} m_{130}^{(11)} m_{104}^{(20)} - m_{000}^{(00)} m_{130}^{(11)} m_{005}^{(00)} \\
& - 2m_{000}^{(00)} m_{130}^{(20)} m_{122}^{(22)} + 4m_{000}^{(00)} m_{130}^{(20)} m_{113}^{(21)} - 2m_{000}^{(00)} m_{130}^{(20)} m_{104}^{(11)} + 2m_{000}^{(00)} m_{130}^{(21)} m_{212}^{(22)} \\
& - 4m_{000}^{(00)} m_{130}^{(21)} m_{113}^{(20)} + 2m_{000}^{(00)} m_{130}^{(21)} m_{014}^{(00)} - 2m_{000}^{(00)} m_{130}^{(22)} m_{212}^{(21)} + m_{000}^{(00)} m_{130}^{(22)} m_{203}^{(11)} \\
& + 2m_{000}^{(00)} m_{130}^{(22)} m_{122}^{(20)} - m_{000}^{(00)} m_{130}^{(22)} m_{023}^{(00)} - 3m_{000}^{(00)} m_{121}^{(00)} m_{032}^{(22)} + 6m_{000}^{(00)} m_{121}^{(00)} m_{023}^{(21)} \\
& - 3m_{000}^{(00)} m_{121}^{(00)} m_{014}^{(11)} + 2m_{000}^{(00)} m_{121}^{(10)} m_{122}^{(22)} - 4m_{000}^{(00)} m_{121}^{(10)} m_{113}^{(21)} + 2m_{000}^{(00)} m_{121}^{(10)} m_{104}^{(11)} \\
& + m_{000}^{(00)} m_{121}^{(11)} m_{212}^{(22)} + 2m_{000}^{(00)} m_{121}^{(11)} m_{203}^{(21)} - 4m_{000}^{(00)} m_{121}^{(11)} m_{113}^{(20)} - 2m_{000}^{(00)} m_{121}^{(11)} m_{104}^{(10)} \\
& + 3m_{000}^{(00)} m_{121}^{(11)} m_{014}^{(00)} + 4m_{000}^{(00)} m_{121}^{(20)} m_{131}^{(22)} - 8m_{000}^{(00)} m_{121}^{(20)} m_{122}^{(21)} + 4m_{000}^{(00)} m_{121}^{(20)} m_{113}^{(11)} \\
& - 4m_{000}^{(00)} m_{121}^{(21)} m_{221}^{(22)} - 2m_{000}^{(00)} m_{121}^{(21)} m_{203}^{(11)} + 8m_{000}^{(00)} m_{121}^{(21)} m_{122}^{(20)} + 4m_{000}^{(00)} m_{121}^{(21)} m_{113}^{(10)} \\
& - 6m_{000}^{(00)} m_{121}^{(21)} m_{023}^{(00)} + 4m_{000}^{(00)} m_{121}^{(22)} m_{221}^{(21)} - m_{000}^{(00)} m_{121}^{(22)} m_{212}^{(11)} - 4m_{000}^{(00)} m_{121}^{(22)} m_{131}^{(20)} \\
& - 2m_{000}^{(00)} m_{121}^{(22)} m_{122}^{(10)} + 3m_{000}^{(00)} m_{121}^{(22)} m_{032}^{(00)} + 3m_{000}^{(00)} m_{112}^{(00)} m_{041}^{(22)} - 6m_{000}^{(00)} m_{112}^{(00)} m_{032}^{(21)} \\
& + 3m_{000}^{(00)} m_{112}^{(00)} m_{023}^{(11)} - 4m_{000}^{(00)} m_{112}^{(10)} m_{131}^{(22)} + 8m_{000}^{(00)} m_{112}^{(10)} m_{122}^{(21)} - 4m_{000}^{(00)} m_{112}^{(10)} m_{113}^{(11)} \\
& + m_{000}^{(00)} m_{112}^{(11)} m_{221}^{(22)} - 4m_{000}^{(00)} m_{112}^{(11)} m_{212}^{(21)} + 2m_{000}^{(00)} m_{112}^{(11)} m_{122}^{(20)} + 4m_{000}^{(00)} m_{112}^{(11)} m_{113}^{(10)} \\
& - 3m_{000}^{(00)} m_{112}^{(11)} m_{023}^{(00)} - 2m_{000}^{(00)} m_{112}^{(20)} m_{140}^{(22)} + 4m_{000}^{(00)} m_{112}^{(20)} m_{131}^{(21)} - 2m_{000}^{(00)} m_{112}^{(20)} m_{122}^{(11)} \\
& + 2m_{000}^{(00)} m_{112}^{(21)} m_{230}^{(22)} + 4m_{000}^{(00)} m_{112}^{(21)} m_{212}^{(11)} - 4m_{000}^{(00)} m_{112}^{(21)} m_{131}^{(20)} - 8m_{000}^{(00)} m_{112}^{(21)} m_{122}^{(10)} \\
& + 6m_{000}^{(00)} m_{112}^{(21)} m_{032}^{(00)} - 2m_{000}^{(00)} m_{112}^{(22)} m_{230}^{(21)} - m_{000}^{(00)} m_{112}^{(22)} m_{221}^{(11)} + 2m_{000}^{(00)} m_{112}^{(22)} m_{140}^{(20)} \\
& + 4m_{000}^{(00)} m_{112}^{(22)} m_{131}^{(10)} - 3m_{000}^{(00)} m_{112}^{(22)} m_{041}^{(00)} - m_{000}^{(00)} m_{103}^{(00)} m_{050}^{(22)} + 2m_{000}^{(00)} m_{103}^{(00)} m_{041}^{(21)} \\
& - m_{000}^{(00)} m_{103}^{(00)} m_{032}^{(11)} + 2m_{000}^{(00)} m_{103}^{(10)} m_{140}^{(22)} - 4m_{000}^{(00)} m_{103}^{(10)} m_{131}^{(21)} + 2m_{000}^{(00)} m_{103}^{(10)} m_{122}^{(11)} \\
& - m_{000}^{(00)} m_{103}^{(11)} m_{230}^{(22)} + 2m_{000}^{(00)} m_{103}^{(11)} m_{221}^{(21)} - 2m_{000}^{(00)} m_{103}^{(11)} m_{122}^{(10)} + m_{000}^{(00)} m_{103}^{(11)} m_{032}^{(00)} \\
& - 2m_{000}^{(00)} m_{103}^{(21)} m_{221}^{(11)} + 4m_{000}^{(00)} m_{103}^{(21)} m_{131}^{(10)} - 2m_{000}^{(00)} m_{103}^{(21)} m_{041}^{(00)} + m_{000}^{(00)} m_{103}^{(22)} m_{230}^{(11)} \\
& - 2m_{000}^{(00)} m_{103}^{(22)} m_{140}^{(10)} + m_{000}^{(00)} m_{103}^{(22)} m_{050}^{(00)} - m_{000}^{(00)} m_{040}^{(00)} m_{113}^{(22)} + m_{000}^{(00)} m_{040}^{(00)} m_{104}^{(21)} \\
& + m_{000}^{(00)} m_{040}^{(00)} m_{014}^{(20)} - m_{000}^{(00)} m_{040}^{(00)} m_{005}^{(10)} + m_{000}^{(00)} m_{040}^{(10)} m_{203}^{(22)} - 2m_{000}^{(00)} m_{040}^{(10)} m_{104}^{(20)} \\
& + m_{000}^{(00)} m_{040}^{(10)} m_{005}^{(00)} + m_{000}^{(00)} m_{040}^{(20)} m_{212}^{(22)} - 2m_{000}^{(00)} m_{040}^{(20)} m_{203}^{(21)} + 2m_{000}^{(00)} m_{040}^{(20)} m_{104}^{(10)} \\
& - m_{000}^{(00)} m_{040}^{(20)} m_{014}^{(00)} - m_{000}^{(00)} m_{040}^{(21)} m_{302}^{(22)} + 2m_{000}^{(00)} m_{040}^{(21)} m_{203}^{(20)} - m_{000}^{(00)} m_{040}^{(21)} m_{104}^{(00)} \\
& + m_{000}^{(00)} m_{040}^{(22)} m_{302}^{(21)} - m_{000}^{(00)} m_{040}^{(22)} m_{212}^{(20)} - m_{000}^{(00)} m_{040}^{(22)} m_{203}^{(10)} + m_{000}^{(00)} m_{040}^{(22)} m_{113}^{(00)}
\end{aligned}
$$

$$+3m_{000}^{(00)}m_{031}^{(00)}m_{122}^{(22)}-2m_{000}^{(00)}m_{031}^{(00)}m_{113}^{(21)}-m_{000}^{(00)}m_{031}^{(00)}m_{104}^{(11)}-4m_{000}^{(00)}m_{031}^{(00)}m_{023}^{(20)}$$
$$+4m_{000}^{(00)}m_{031}^{(00)}m_{014}^{(10)}-4m_{000}^{(00)}m_{031}^{(10)}m_{212}^{(22)}+8m_{000}^{(00)}m_{031}^{(10)}m_{113}^{(20)}-4m_{000}^{(00)}m_{031}^{(10)}m_{014}^{(00)}$$
$$+m_{000}^{(00)}m_{031}^{(11)}m_{302}^{(22)}-2m_{000}^{(00)}m_{031}^{(11)}m_{203}^{(20)}+m_{000}^{(00)}m_{031}^{(11)}m_{104}^{(00)}-2m_{000}^{(00)}m_{031}^{(20)}m_{221}^{(22)}$$
$$+4m_{000}^{(00)}m_{031}^{(20)}m_{212}^{(21)}+2m_{000}^{(00)}m_{031}^{(20)}m_{203}^{(11)}-8m_{000}^{(00)}m_{031}^{(20)}m_{113}^{(10)}+4m_{000}^{(00)}m_{031}^{(20)}m_{023}^{(00)}$$
$$+2m_{000}^{(00)}m_{031}^{(21)}m_{311}^{(22)}-4m_{000}^{(00)}m_{031}^{(21)}m_{212}^{(20)}+2m_{000}^{(00)}m_{031}^{(21)}m_{113}^{(00)}-2m_{000}^{(00)}m_{031}^{(22)}m_{311}^{(21)}$$
$$-m_{000}^{(00)}m_{031}^{(22)}m_{302}^{(11)}+2m_{000}^{(00)}m_{031}^{(22)}m_{221}^{(20)}+4m_{000}^{(00)}m_{031}^{(22)}m_{212}^{(10)}-3m_{000}^{(00)}m_{031}^{(22)}m_{122}^{(00)}$$
$$-3m_{000}^{(00)}m_{022}^{(00)}m_{131}^{(22)}+3m_{000}^{(00)}m_{022}^{(00)}m_{113}^{(11)}+6m_{000}^{(00)}m_{022}^{(00)}m_{032}^{(20)}-6m_{000}^{(00)}m_{022}^{(00)}m_{023}^{(10)}$$
$$+5m_{000}^{(00)}m_{022}^{(10)}m_{221}^{(22)}+2m_{000}^{(00)}m_{022}^{(10)}m_{212}^{(21)}-m_{000}^{(00)}m_{022}^{(10)}m_{203}^{(11)}-12m_{000}^{(00)}m_{022}^{(10)}m_{122}^{(20)}$$
$$+6m_{000}^{(00)}m_{022}^{(10)}m_{023}^{(00)}-2m_{000}^{(00)}m_{022}^{(11)}m_{311}^{(22)}-m_{000}^{(00)}m_{022}^{(11)}m_{302}^{(21)}+5m_{000}^{(00)}m_{022}^{(11)}m_{212}^{(20)}$$
$$+m_{000}^{(00)}m_{022}^{(11)}m_{203}^{(10)}-3m_{000}^{(00)}m_{022}^{(11)}m_{113}^{(00)}+m_{000}^{(00)}m_{022}^{(20)}m_{230}^{(22)}-2m_{000}^{(00)}m_{022}^{(20)}m_{221}^{(21)}$$
$$-5m_{000}^{(00)}m_{022}^{(20)}m_{212}^{(11)}+12m_{000}^{(00)}m_{022}^{(20)}m_{122}^{(10)}-6m_{000}^{(00)}m_{022}^{(20)}m_{032}^{(00)}-m_{000}^{(00)}m_{022}^{(21)}m_{320}^{(22)}$$
$$+m_{000}^{(00)}m_{022}^{(21)}m_{302}^{(11)}+2m_{000}^{(00)}m_{022}^{(21)}m_{221}^{(20)}-2m_{000}^{(00)}m_{022}^{(21)}m_{212}^{(10)}+m_{000}^{(00)}m_{022}^{(22)}m_{320}^{(21)}$$
$$+2m_{000}^{(00)}m_{022}^{(22)}m_{311}^{(11)}-m_{000}^{(00)}m_{022}^{(22)}m_{230}^{(20)}-5m_{000}^{(00)}m_{022}^{(22)}m_{221}^{(10)}+3m_{000}^{(00)}m_{022}^{(22)}m_{131}^{(00)}$$
$$+m_{000}^{(00)}m_{013}^{(00)}m_{140}^{(22)}+2m_{000}^{(00)}m_{013}^{(00)}m_{131}^{(21)}-3m_{000}^{(00)}m_{013}^{(00)}m_{122}^{(11)}-4m_{000}^{(00)}m_{013}^{(00)}m_{041}^{(20)}$$
$$+4m_{000}^{(00)}m_{013}^{(00)}m_{032}^{(10)}-2m_{000}^{(00)}m_{013}^{(10)}m_{230}^{(22)}-4m_{000}^{(00)}m_{013}^{(10)}m_{221}^{(21)}+2m_{000}^{(00)}m_{013}^{(10)}m_{212}^{(11)}$$
$$+8m_{000}^{(00)}m_{013}^{(10)}m_{131}^{(20)}-4m_{000}^{(00)}m_{013}^{(10)}m_{032}^{(00)}+m_{000}^{(00)}m_{013}^{(11)}m_{320}^{(22)}+2m_{000}^{(00)}m_{013}^{(11)}m_{311}^{(21)}$$
$$-4m_{000}^{(00)}m_{013}^{(11)}m_{221}^{(20)}-2m_{000}^{(00)}m_{013}^{(11)}m_{212}^{(10)}+3m_{000}^{(00)}m_{013}^{(11)}m_{122}^{(00)}+4m_{000}^{(00)}m_{013}^{(20)}m_{221}^{(11)}$$
$$-8m_{000}^{(00)}m_{013}^{(20)}m_{131}^{(10)}+4m_{000}^{(00)}m_{013}^{(20)}m_{041}^{(00)}-2m_{000}^{(00)}m_{013}^{(21)}m_{311}^{(11)}+4m_{000}^{(00)}m_{013}^{(21)}m_{221}^{(10)}$$
$$-2m_{000}^{(00)}m_{013}^{(21)}m_{131}^{(00)}-m_{000}^{(00)}m_{013}^{(22)}m_{320}^{(11)}+2m_{000}^{(00)}m_{013}^{(22)}m_{230}^{(10)}-m_{000}^{(00)}m_{013}^{(22)}m_{140}^{(00)}$$
$$-m_{000}^{(00)}m_{004}^{(00)}m_{140}^{(21)}+m_{000}^{(00)}m_{004}^{(00)}m_{131}^{(11)}+m_{000}^{(00)}m_{004}^{(00)}m_{050}^{(20)}-m_{000}^{(00)}m_{004}^{(00)}m_{041}^{(10)}$$
$$+2m_{000}^{(00)}m_{004}^{(10)}m_{230}^{(21)}-m_{000}^{(00)}m_{004}^{(10)}m_{221}^{(11)}-2m_{000}^{(00)}m_{004}^{(10)}m_{140}^{(20)}+m_{000}^{(00)}m_{004}^{(10)}m_{041}^{(00)}$$
$$-m_{000}^{(00)}m_{004}^{(11)}m_{320}^{(21)}+m_{000}^{(00)}m_{004}^{(11)}m_{230}^{(20)}+m_{000}^{(00)}m_{004}^{(11)}m_{221}^{(10)}-m_{000}^{(00)}m_{004}^{(11)}m_{131}^{(00)}$$
$$-m_{000}^{(00)}m_{004}^{(20)}m_{230}^{(11)}+2m_{000}^{(00)}m_{004}^{(20)}m_{140}^{(10)}-m_{000}^{(00)}m_{004}^{(20)}m_{050}^{(00)}+m_{000}^{(00)}m_{004}^{(21)}m_{320}^{(11)}$$
$$-2m_{000}^{(00)}m_{004}^{(21)}m_{230}^{(10)}+m_{000}^{(00)}m_{004}^{(21)}m_{140}^{(00)}+2m_{000}^{(10)}m_{310}^{(10)}m_{023}^{(22)}-4m_{000}^{(10)}m_{310}^{(10)}m_{014}^{(21)}$$
$$+2m_{000}^{(10)}m_{310}^{(10)}m_{005}^{(11)}-2m_{000}^{(10)}m_{310}^{(11)}m_{113}^{(22)}+2m_{000}^{(10)}m_{310}^{(11)}m_{104}^{(21)}+2m_{000}^{(10)}m_{310}^{(11)}m_{014}^{(20)}$$
$$-2m_{000}^{(10)}m_{310}^{(11)}m_{005}^{(10)}-2m_{000}^{(10)}m_{310}^{(20)}m_{032}^{(22)}+4m_{000}^{(10)}m_{310}^{(20)}m_{023}^{(21)}-2m_{000}^{(10)}m_{310}^{(20)}m_{014}^{(11)}$$
$$+2m_{000}^{(10)}m_{310}^{(21)}m_{122}^{(22)}-2m_{000}^{(10)}m_{310}^{(21)}m_{104}^{(11)}-4m_{000}^{(10)}m_{310}^{(21)}m_{023}^{(20)}+4m_{000}^{(10)}m_{310}^{(21)}m_{014}^{(10)}$$
$$-2m_{000}^{(10)}m_{310}^{(22)}m_{122}^{(21)}+2m_{000}^{(10)}m_{310}^{(22)}m_{113}^{(11)}+2m_{000}^{(10)}m_{310}^{(22)}m_{032}^{(20)}-2m_{000}^{(10)}m_{310}^{(22)}m_{023}^{(10)}$$
$$-2m_{000}^{(10)}m_{301}^{(10)}m_{032}^{(22)}+4m_{000}^{(10)}m_{301}^{(10)}m_{023}^{(21)}-2m_{000}^{(10)}m_{301}^{(10)}m_{014}^{(11)}+2m_{000}^{(10)}m_{301}^{(11)}m_{122}^{(22)}$$
$$-2m_{000}^{(10)}m_{301}^{(11)}m_{113}^{(21)}-2m_{000}^{(10)}m_{301}^{(11)}m_{023}^{(20)}+2m_{000}^{(10)}m_{301}^{(11)}m_{014}^{(10)}+2m_{000}^{(10)}m_{301}^{(20)}m_{041}^{(22)}$$
$$-4m_{000}^{(10)}m_{301}^{(20)}m_{032}^{(21)}+2m_{000}^{(10)}m_{301}^{(20)}m_{023}^{(11)}-2m_{000}^{(10)}m_{301}^{(21)}m_{131}^{(22)}+2m_{000}^{(10)}m_{301}^{(21)}m_{113}^{(11)}$$
$$+4m_{000}^{(10)}m_{301}^{(21)}m_{032}^{(20)}-4m_{000}^{(10)}m_{301}^{(21)}m_{023}^{(10)}+2m_{000}^{(10)}m_{301}^{(22)}m_{131}^{(21)}-2m_{000}^{(10)}m_{301}^{(22)}m_{122}^{(11)}$$
$$-2m_{000}^{(10)}m_{301}^{(22)}m_{041}^{(20)}+2m_{000}^{(10)}m_{301}^{(22)}m_{032}^{(10)}-2m_{000}^{(10)}m_{220}^{(00)}m_{023}^{(22)}+4m_{000}^{(10)}m_{220}^{(00)}m_{014}^{(21)}$$
$$-2m_{000}^{(10)}m_{220}^{(00)}m_{005}^{(11)}+2m_{000}^{(10)}m_{220}^{(11)}m_{203}^{(22)}-4m_{000}^{(10)}m_{220}^{(11)}m_{104}^{(20)}+2m_{000}^{(10)}m_{220}^{(11)}m_{005}^{(00)}$$
$$+4m_{000}^{(10)}m_{220}^{(20)}m_{122}^{(22)}-8m_{000}^{(10)}m_{220}^{(20)}m_{113}^{(21)}+4m_{000}^{(10)}m_{220}^{(20)}m_{104}^{(11)}-4m_{000}^{(10)}m_{220}^{(21)}m_{212}^{(22)}$$
$$+8m_{000}^{(10)}m_{220}^{(21)}m_{113}^{(20)}-4m_{000}^{(10)}m_{220}^{(21)}m_{014}^{(00)}+4m_{000}^{(10)}m_{220}^{(22)}m_{212}^{(21)}-2m_{000}^{(10)}m_{220}^{(22)}m_{203}^{(11)}$$
$$-4m_{000}^{(10)}m_{220}^{(22)}m_{122}^{(20)}+2m_{000}^{(10)}m_{220}^{(22)}m_{023}^{(00)}+4m_{000}^{(10)}m_{211}^{(00)}m_{032}^{(22)}-8m_{000}^{(10)}m_{211}^{(00)}m_{023}^{(21)}$$
$$+4m_{000}^{(10)}m_{211}^{(00)}m_{014}^{(11)}-6m_{000}^{(10)}m_{211}^{(10)}m_{122}^{(22)}+12m_{000}^{(10)}m_{211}^{(10)}m_{113}^{(21)}-6m_{000}^{(10)}m_{211}^{(10)}m_{104}^{(11)}$$

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\begin{aligned}
&+2m_{000}^{(10)}m_{211}^{(11)}m_{212}^{(22)} - 6m_{000}^{(10)}m_{211}^{(11)}m_{203}^{(21)} + 2m_{000}^{(10)}m_{211}^{(11)}m_{113}^{(20)} + 6m_{000}^{(10)}m_{211}^{(11)}m_{104}^{(10)}\\
&-4m_{000}^{(10)}m_{211}^{(11)}m_{014}^{(00)} - 2m_{000}^{(10)}m_{211}^{(20)}m_{131}^{(22)} + 4m_{000}^{(10)}m_{211}^{(20)}m_{122}^{(21)} - 2m_{000}^{(10)}m_{211}^{(20)}m_{113}^{(11)}\\
&+2m_{000}^{(10)}m_{211}^{(21)}m_{221}^{(22)} + 6m_{000}^{(10)}m_{211}^{(21)}m_{203}^{(11)} - 4m_{000}^{(10)}m_{211}^{(21)}m_{122}^{(20)} - 12m_{000}^{(10)}m_{211}^{(21)}m_{113}^{(10)}\\
&+8m_{000}^{(10)}m_{211}^{(21)}m_{023}^{(00)} - 2m_{000}^{(10)}m_{211}^{(22)}m_{221}^{(21)} - 2m_{000}^{(10)}m_{211}^{(22)}m_{212}^{(11)} + 2m_{000}^{(10)}m_{211}^{(22)}m_{131}^{(20)}\\
&+6m_{000}^{(10)}m_{211}^{(22)}m_{122}^{(10)} - 4m_{000}^{(10)}m_{211}^{(22)}m_{032}^{(00)} - 2m_{000}^{(10)}m_{202}^{(00)}m_{041}^{(22)} + 4m_{000}^{(10)}m_{202}^{(00)}m_{032}^{(21)}\\
&-2m_{000}^{(10)}m_{202}^{(00)}m_{023}^{(11)} + 6m_{000}^{(10)}m_{202}^{(10)}m_{131}^{(22)} - 12m_{000}^{(10)}m_{202}^{(10)}m_{122}^{(21)} + 6m_{000}^{(10)}m_{202}^{(10)}m_{113}^{(11)}\\
&-4m_{000}^{(10)}m_{202}^{(11)}m_{221}^{(22)} + 6m_{000}^{(10)}m_{202}^{(11)}m_{212}^{(21)} + 2m_{000}^{(10)}m_{202}^{(11)}m_{122}^{(20)} - 6m_{000}^{(10)}m_{202}^{(11)}m_{113}^{(10)}\\
&+2m_{000}^{(10)}m_{202}^{(11)}m_{023}^{(00)} - 2m_{000}^{(10)}m_{202}^{(20)}m_{140}^{(22)} + 4m_{000}^{(10)}m_{202}^{(20)}m_{131}^{(21)} - 2m_{000}^{(10)}m_{202}^{(20)}m_{122}^{(11)}\\
&+2m_{000}^{(10)}m_{202}^{(21)}m_{230}^{(22)} - 6m_{000}^{(10)}m_{202}^{(21)}m_{212}^{(11)} - 4m_{000}^{(10)}m_{202}^{(21)}m_{131}^{(20)} + 12m_{000}^{(10)}m_{202}^{(21)}m_{122}^{(10)}\\
&-4m_{000}^{(10)}m_{202}^{(21)}m_{032}^{(00)} - 2m_{000}^{(10)}m_{202}^{(22)}m_{230}^{(21)} + 4m_{000}^{(10)}m_{202}^{(22)}m_{221}^{(11)} + 2m_{000}^{(10)}m_{202}^{(22)}m_{140}^{(20)}\\
&-6m_{000}^{(10)}m_{202}^{(22)}m_{131}^{(10)} + 2m_{000}^{(10)}m_{202}^{(22)}m_{041}^{(00)} + 2m_{000}^{(10)}m_{130}^{(00)}m_{113}^{(22)} - 2m_{000}^{(10)}m_{130}^{(00)}m_{104}^{(21)}\\
&-2m_{000}^{(10)}m_{130}^{(00)}m_{014}^{(20)} + 2m_{000}^{(10)}m_{130}^{(00)}m_{005}^{(10)} - 2m_{000}^{(10)}m_{130}^{(10)}m_{203}^{(22)} + 4m_{000}^{(10)}m_{130}^{(10)}m_{104}^{(20)}\\
&-2m_{000}^{(10)}m_{130}^{(10)}m_{005}^{(00)} - 2m_{000}^{(10)}m_{130}^{(20)}m_{212}^{(22)} + 4m_{000}^{(10)}m_{130}^{(20)}m_{203}^{(21)} - 4m_{000}^{(10)}m_{130}^{(20)}m_{104}^{(10)}\\
&+2m_{000}^{(10)}m_{130}^{(20)}m_{014}^{(00)} + 2m_{000}^{(10)}m_{130}^{(21)}m_{302}^{(22)} - 4m_{000}^{(10)}m_{130}^{(21)}m_{203}^{(20)} + 2m_{000}^{(10)}m_{130}^{(21)}m_{104}^{(00)}\\
&-2m_{000}^{(10)}m_{130}^{(22)}m_{302}^{(21)} + 2m_{000}^{(10)}m_{130}^{(22)}m_{212}^{(20)} + 2m_{000}^{(10)}m_{130}^{(22)}m_{203}^{(10)} - 2m_{000}^{(10)}m_{130}^{(22)}m_{113}^{(00)}\\
&-2m_{000}^{(10)}m_{121}^{(00)}m_{122}^{(22)} - 2m_{000}^{(10)}m_{121}^{(00)}m_{113}^{(21)} + 4m_{000}^{(10)}m_{121}^{(00)}m_{104}^{(11)} + 6m_{000}^{(10)}m_{121}^{(00)}m_{023}^{(20)}\\
&-6m_{000}^{(10)}m_{121}^{(00)}m_{014}^{(10)} + 6m_{000}^{(10)}m_{121}^{(10)}m_{212}^{(22)} - 12m_{000}^{(10)}m_{121}^{(10)}m_{113}^{(20)} + 6m_{000}^{(10)}m_{121}^{(10)}m_{014}^{(00)}\\
&-4m_{000}^{(10)}m_{121}^{(11)}m_{302}^{(22)} + 8m_{000}^{(10)}m_{121}^{(11)}m_{203}^{(20)} - 4m_{000}^{(10)}m_{121}^{(11)}m_{104}^{(00)} - 2m_{000}^{(10)}m_{121}^{(20)}m_{221}^{(22)}\\
&+4m_{000}^{(10)}m_{121}^{(20)}m_{212}^{(21)} - 8m_{000}^{(10)}m_{121}^{(20)}m_{203}^{(11)} + 12m_{000}^{(10)}m_{121}^{(20)}m_{113}^{(10)} - 6m_{000}^{(10)}m_{121}^{(20)}m_{023}^{(00)}\\
&+2m_{000}^{(10)}m_{121}^{(21)}m_{311}^{(22)} - 4m_{000}^{(10)}m_{121}^{(21)}m_{212}^{(20)} + 2m_{000}^{(10)}m_{121}^{(21)}m_{113}^{(00)} - 2m_{000}^{(10)}m_{121}^{(22)}m_{311}^{(21)}\\
&+4m_{000}^{(10)}m_{121}^{(22)}m_{302}^{(11)} + 2m_{000}^{(10)}m_{121}^{(22)}m_{221}^{(20)} - 6m_{000}^{(10)}m_{121}^{(22)}m_{212}^{(10)} + 2m_{000}^{(10)}m_{121}^{(22)}m_{122}^{(00)}\\
&-2m_{000}^{(10)}m_{112}^{(00)}m_{131}^{(22)} + 10m_{000}^{(10)}m_{112}^{(00)}m_{122}^{(21)} - 8m_{000}^{(10)}m_{112}^{(00)}m_{113}^{(11)} - 6m_{000}^{(10)}m_{112}^{(00)}m_{032}^{(20)}\\
&+6m_{000}^{(10)}m_{112}^{(00)}m_{023}^{(10)} - 12m_{000}^{(10)}m_{112}^{(10)}m_{212}^{(21)} + 6m_{000}^{(10)}m_{112}^{(10)}m_{203}^{(11)} + 12m_{000}^{(10)}m_{112}^{(10)}m_{122}^{(20)}\\
&-6m_{000}^{(10)}m_{112}^{(10)}m_{023}^{(00)} + 2m_{000}^{(10)}m_{112}^{(11)}m_{311}^{(22)} + 6m_{000}^{(10)}m_{112}^{(11)}m_{302}^{(21)} - 10m_{000}^{(10)}m_{112}^{(11)}m_{212}^{(20)}\\
&-6m_{000}^{(10)}m_{112}^{(11)}m_{203}^{(10)} + 8m_{000}^{(10)}m_{112}^{(11)}m_{113}^{(00)} + 4m_{000}^{(10)}m_{112}^{(20)}m_{230}^{(22)} - 8m_{000}^{(10)}m_{112}^{(20)}m_{221}^{(21)}\\
&+10m_{000}^{(10)}m_{112}^{(20)}m_{212}^{(11)} - 12m_{000}^{(10)}m_{112}^{(20)}m_{122}^{(10)} + 6m_{000}^{(10)}m_{112}^{(20)}m_{032}^{(00)} - 4m_{000}^{(10)}m_{112}^{(21)}m_{320}^{(22)}\\
&-6m_{000}^{(10)}m_{112}^{(21)}m_{302}^{(11)} + 8m_{000}^{(10)}m_{112}^{(21)}m_{221}^{(20)} + 12m_{000}^{(10)}m_{112}^{(21)}m_{212}^{(10)} - 10m_{000}^{(10)}m_{112}^{(21)}m_{122}^{(00)}\\
&+4m_{000}^{(10)}m_{112}^{(22)}m_{320}^{(21)} - 2m_{000}^{(10)}m_{112}^{(22)}m_{311}^{(11)} - 4m_{000}^{(10)}m_{112}^{(22)}m_{230}^{(20)} + 2m_{000}^{(10)}m_{112}^{(22)}m_{131}^{(00)}\\
&+2m_{000}^{(10)}m_{103}^{(00)}m_{140}^{(22)} - 6m_{000}^{(10)}m_{103}^{(00)}m_{131}^{(21)} + 4m_{000}^{(10)}m_{103}^{(00)}m_{122}^{(11)} + 2m_{000}^{(10)}m_{103}^{(00)}m_{041}^{(20)}\\
&-2m_{000}^{(10)}m_{103}^{(00)}m_{032}^{(10)} - 4m_{000}^{(10)}m_{103}^{(10)}m_{230}^{(22)} + 12m_{000}^{(10)}m_{103}^{(10)}m_{221}^{(21)} - 6m_{000}^{(10)}m_{103}^{(10)}m_{212}^{(11)}\\
&-4m_{000}^{(10)}m_{103}^{(10)}m_{131}^{(20)} + 2m_{000}^{(10)}m_{103}^{(10)}m_{032}^{(00)} + 2m_{000}^{(10)}m_{103}^{(11)}m_{320}^{(22)} - 6m_{000}^{(10)}m_{103}^{(11)}m_{311}^{(21)}\\
&+2m_{000}^{(10)}m_{103}^{(11)}m_{221}^{(20)} + 6m_{000}^{(10)}m_{103}^{(11)}m_{212}^{(10)} - 4m_{000}^{(10)}m_{103}^{(11)}m_{122}^{(00)} - 2m_{000}^{(10)}m_{103}^{(20)}m_{221}^{(11)}\\
&+4m_{000}^{(10)}m_{103}^{(20)}m_{131}^{(10)} - 2m_{000}^{(10)}m_{103}^{(20)}m_{041}^{(00)} + 6m_{000}^{(10)}m_{103}^{(21)}m_{311}^{(11)} - 12m_{000}^{(10)}m_{103}^{(21)}m_{221}^{(10)}\\
&+6m_{000}^{(10)}m_{103}^{(21)}m_{131}^{(00)} - 2m_{000}^{(10)}m_{103}^{(22)}m_{320}^{(11)} + 4m_{000}^{(10)}m_{103}^{(22)}m_{230}^{(10)} - 2m_{000}^{(10)}m_{103}^{(22)}m_{140}^{(00)}\\
&-2m_{000}^{(10)}m_{031}^{(00)}m_{212}^{(22)} + 2m_{000}^{(10)}m_{031}^{(00)}m_{203}^{(21)} + 2m_{000}^{(10)}m_{031}^{(00)}m_{113}^{(20)} - 2m_{000}^{(10)}m_{031}^{(00)}m_{104}^{(10)}\\
&+2m_{000}^{(10)}m_{031}^{(10)}m_{302}^{(22)} - 4m_{000}^{(10)}m_{031}^{(10)}m_{203}^{(20)} + 2m_{000}^{(10)}m_{031}^{(10)}m_{104}^{(00)} + 2m_{000}^{(10)}m_{031}^{(20)}m_{311}^{(22)}\\
&-4m_{000}^{(10)}m_{031}^{(20)}m_{302}^{(21)} + 4m_{000}^{(10)}m_{031}^{(20)}m_{203}^{(10)} - 2m_{000}^{(10)}m_{031}^{(20)}m_{113}^{(00)} - 2m_{000}^{(10)}m_{031}^{(21)}m_{401}^{(22)}\\
&+4m_{000}^{(10)}m_{031}^{(21)}m_{302}^{(20)} - 2m_{000}^{(10)}m_{031}^{(21)}m_{203}^{(00)} + 2m_{000}^{(10)}m_{031}^{(22)}m_{401}^{(21)} - 2m_{000}^{(10)}m_{031}^{(22)}m_{311}^{(20)}
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&-2m_{000}^{(10)}m_{031}^{(22)}m_{302}^{(10)}+2m_{000}^{(10)}m_{031}^{(22)}m_{212}^{(00)}+4m_{000}^{(10)}m_{022}^{(00)}m_{221}^{(22)}-2m_{000}^{(10)}m_{022}^{(00)}m_{212}^{(21)}\\
&-2m_{000}^{(10)}m_{022}^{(00)}m_{203}^{(11)}-6m_{000}^{(10)}m_{022}^{(00)}m_{122}^{(20)}+6m_{000}^{(10)}m_{022}^{(00)}m_{113}^{(10)}-6m_{000}^{(10)}m_{022}^{(10)}m_{311}^{(22)}\\
&+12m_{000}^{(10)}m_{022}^{(10)}m_{212}^{(20)}-6m_{000}^{(10)}m_{022}^{(10)}m_{113}^{(00)}+2m_{000}^{(10)}m_{022}^{(11)}m_{401}^{(22)}-4m_{000}^{(10)}m_{022}^{(11)}m_{302}^{(20)}\\
&+2m_{000}^{(10)}m_{022}^{(11)}m_{203}^{(00)}-2m_{000}^{(10)}m_{022}^{(20)}m_{320}^{(22)}+4m_{000}^{(10)}m_{022}^{(20)}m_{311}^{(21)}+4m_{000}^{(10)}m_{022}^{(20)}m_{302}^{(11)}\\
&-12m_{000}^{(10)}m_{022}^{(20)}m_{212}^{(10)}+6m_{000}^{(10)}m_{022}^{(20)}m_{122}^{(00)}+2m_{000}^{(10)}m_{022}^{(21)}m_{410}^{(22)}-4m_{000}^{(10)}m_{022}^{(21)}m_{311}^{(20)}\\
&+2m_{000}^{(10)}m_{022}^{(21)}m_{212}^{(00)}-2m_{000}^{(10)}m_{022}^{(22)}m_{410}^{(21)}-2m_{000}^{(10)}m_{022}^{(22)}m_{401}^{(11)}+2m_{000}^{(10)}m_{022}^{(22)}m_{320}^{(20)}\\
&+6m_{000}^{(10)}m_{022}^{(22)}m_{311}^{(10)}-4m_{000}^{(10)}m_{022}^{(22)}m_{221}^{(00)}-2m_{000}^{(10)}m_{013}^{(00)}m_{230}^{(22)}-2m_{000}^{(10)}m_{013}^{(00)}m_{221}^{(21)}\\
&+4m_{000}^{(10)}m_{013}^{(00)}m_{212}^{(11)}+6m_{000}^{(10)}m_{013}^{(00)}m_{131}^{(20)}-6m_{000}^{(10)}m_{013}^{(00)}m_{122}^{(10)}+4m_{000}^{(10)}m_{013}^{(10)}m_{320}^{(22)}\\
&+4m_{000}^{(10)}m_{013}^{(10)}m_{311}^{(21)}-2m_{000}^{(10)}m_{013}^{(10)}m_{302}^{(11)}-12m_{000}^{(10)}m_{013}^{(10)}m_{221}^{(20)}+6m_{000}^{(10)}m_{013}^{(10)}m_{122}^{(00)}\\
&-2m_{000}^{(10)}m_{013}^{(11)}m_{410}^{(22)}-2m_{000}^{(10)}m_{013}^{(11)}m_{401}^{(21)}+6m_{000}^{(10)}m_{013}^{(11)}m_{311}^{(20)}+2m_{000}^{(10)}m_{013}^{(11)}m_{302}^{(10)}\\
&-4m_{000}^{(10)}m_{013}^{(11)}m_{212}^{(00)}-6m_{000}^{(10)}m_{013}^{(20)}m_{311}^{(11)}+12m_{000}^{(10)}m_{013}^{(20)}m_{221}^{(10)}-6m_{000}^{(10)}m_{013}^{(20)}m_{131}^{(00)}\\
&+2m_{000}^{(10)}m_{013}^{(21)}m_{401}^{(11)}-4m_{000}^{(10)}m_{013}^{(21)}m_{311}^{(10)}+2m_{000}^{(10)}m_{013}^{(21)}m_{221}^{(00)}+2m_{000}^{(10)}m_{013}^{(22)}m_{410}^{(11)}\\
&-4m_{000}^{(10)}m_{013}^{(22)}m_{320}^{(10)}+2m_{000}^{(10)}m_{013}^{(22)}m_{230}^{(00)}+2m_{000}^{(10)}m_{004}^{(00)}m_{230}^{(21)}-2m_{000}^{(10)}m_{004}^{(00)}m_{221}^{(11)}\\
&-2m_{000}^{(10)}m_{004}^{(00)}m_{140}^{(20)}+2m_{000}^{(10)}m_{004}^{(00)}m_{131}^{(10)}-4m_{000}^{(10)}m_{004}^{(10)}m_{320}^{(21)}+2m_{000}^{(10)}m_{004}^{(10)}m_{311}^{(11)}\\
&+4m_{000}^{(10)}m_{004}^{(10)}m_{230}^{(20)}-2m_{000}^{(10)}m_{004}^{(10)}m_{131}^{(00)}+2m_{000}^{(10)}m_{004}^{(11)}m_{410}^{(21)}-2m_{000}^{(10)}m_{004}^{(11)}m_{320}^{(20)}\\
&-2m_{000}^{(10)}m_{004}^{(11)}m_{311}^{(10)}+2m_{000}^{(10)}m_{004}^{(11)}m_{221}^{(00)}+2m_{000}^{(10)}m_{004}^{(20)}m_{320}^{(11)}-4m_{000}^{(10)}m_{004}^{(20)}m_{230}^{(10)}\\
&+2m_{000}^{(10)}m_{004}^{(20)}m_{140}^{(00)}-2m_{000}^{(10)}m_{004}^{(21)}m_{410}^{(11)}+4m_{000}^{(10)}m_{004}^{(21)}m_{320}^{(10)}-2m_{000}^{(10)}m_{004}^{(21)}m_{230}^{(00)}\\
&-m_{000}^{(11)}m_{400}^{(10)}m_{023}^{(22)}+2m_{000}^{(11)}m_{400}^{(10)}m_{014}^{(21)}-m_{000}^{(11)}m_{400}^{(10)}m_{005}^{(11)}+m_{000}^{(11)}m_{400}^{(11)}m_{113}^{(22)}\\
&-m_{000}^{(11)}m_{400}^{(11)}m_{104}^{(21)}-m_{000}^{(11)}m_{400}^{(11)}m_{014}^{(20)}+m_{000}^{(11)}m_{400}^{(11)}m_{005}^{(10)}+m_{000}^{(11)}m_{400}^{(20)}m_{032}^{(22)}\\
&-2m_{000}^{(11)}m_{400}^{(20)}m_{023}^{(21)}+m_{000}^{(11)}m_{400}^{(20)}m_{014}^{(11)}-m_{000}^{(11)}m_{400}^{(21)}m_{122}^{(22)}+m_{000}^{(11)}m_{400}^{(21)}m_{104}^{(11)}\\
&+2m_{000}^{(11)}m_{400}^{(21)}m_{023}^{(20)}-2m_{000}^{(11)}m_{400}^{(21)}m_{014}^{(10)}+m_{000}^{(11)}m_{400}^{(22)}m_{122}^{(21)}-m_{000}^{(11)}m_{400}^{(22)}m_{113}^{(11)}\\
&-m_{000}^{(11)}m_{400}^{(22)}m_{032}^{(20)}+m_{000}^{(11)}m_{400}^{(22)}m_{023}^{(10)}+m_{000}^{(11)}m_{310}^{(00)}m_{023}^{(22)}-2m_{000}^{(11)}m_{310}^{(00)}m_{014}^{(21)}\\
&+m_{000}^{(11)}m_{310}^{(00)}m_{005}^{(11)}-m_{000}^{(11)}m_{310}^{(11)}m_{203}^{(22)}+2m_{000}^{(11)}m_{310}^{(11)}m_{104}^{(20)}-m_{000}^{(11)}m_{310}^{(11)}m_{005}^{(00)}\\
&-2m_{000}^{(11)}m_{310}^{(20)}m_{122}^{(22)}+4m_{000}^{(11)}m_{310}^{(20)}m_{113}^{(21)}-2m_{000}^{(11)}m_{310}^{(20)}m_{104}^{(11)}+2m_{000}^{(11)}m_{310}^{(21)}m_{212}^{(22)}\\
&-4m_{000}^{(11)}m_{310}^{(21)}m_{113}^{(20)}+2m_{000}^{(11)}m_{310}^{(21)}m_{014}^{(00)}-2m_{000}^{(11)}m_{310}^{(22)}m_{212}^{(21)}+m_{000}^{(11)}m_{310}^{(22)}m_{203}^{(11)}\\
&+2m_{000}^{(11)}m_{310}^{(22)}m_{122}^{(20)}-m_{000}^{(11)}m_{310}^{(22)}m_{023}^{(00)}-m_{000}^{(11)}m_{301}^{(00)}m_{032}^{(22)}+2m_{000}^{(11)}m_{301}^{(00)}m_{023}^{(21)}\\
&-m_{000}^{(11)}m_{301}^{(00)}m_{014}^{(11)}+4m_{000}^{(11)}m_{301}^{(10)}m_{122}^{(22)}-8m_{000}^{(11)}m_{301}^{(10)}m_{113}^{(21)}+4m_{000}^{(11)}m_{301}^{(10)}m_{104}^{(11)}\\
&-3m_{000}^{(11)}m_{301}^{(11)}m_{212}^{(22)}+4m_{000}^{(11)}m_{301}^{(11)}m_{203}^{(21)}+2m_{000}^{(11)}m_{301}^{(11)}m_{113}^{(20)}-4m_{000}^{(11)}m_{301}^{(11)}m_{104}^{(10)}\\
&+m_{000}^{(11)}m_{301}^{(11)}m_{014}^{(00)}-2m_{000}^{(11)}m_{301}^{(20)}m_{131}^{(22)}+4m_{000}^{(11)}m_{301}^{(20)}m_{122}^{(21)}-2m_{000}^{(11)}m_{301}^{(20)}m_{113}^{(11)}\\
&+2m_{000}^{(11)}m_{301}^{(21)}m_{221}^{(22)}-4m_{000}^{(11)}m_{301}^{(21)}m_{203}^{(11)}-4m_{000}^{(11)}m_{301}^{(21)}m_{122}^{(20)}+8m_{000}^{(11)}m_{301}^{(21)}m_{113}^{(10)}\\
&-2m_{000}^{(11)}m_{301}^{(21)}m_{023}^{(00)}-2m_{000}^{(11)}m_{301}^{(22)}m_{221}^{(21)}+3m_{000}^{(11)}m_{301}^{(22)}m_{212}^{(11)}+2m_{000}^{(11)}m_{301}^{(22)}m_{131}^{(20)}\\
&-4m_{000}^{(11)}m_{301}^{(22)}m_{122}^{(10)}+m_{000}^{(11)}m_{301}^{(22)}m_{032}^{(00)}-m_{000}^{(11)}m_{220}^{(00)}m_{113}^{(22)}+m_{000}^{(11)}m_{220}^{(00)}m_{104}^{(21)}\\
&+m_{000}^{(11)}m_{220}^{(00)}m_{014}^{(20)}-m_{000}^{(11)}m_{220}^{(00)}m_{005}^{(10)}+m_{000}^{(11)}m_{220}^{(10)}m_{203}^{(22)}-2m_{000}^{(11)}m_{220}^{(10)}m_{104}^{(20)}\\
&+m_{000}^{(11)}m_{220}^{(10)}m_{005}^{(00)}+m_{000}^{(11)}m_{220}^{(20)}m_{212}^{(22)}-2m_{000}^{(11)}m_{220}^{(20)}m_{203}^{(21)}+2m_{000}^{(11)}m_{220}^{(20)}m_{104}^{(10)}\\
&-m_{000}^{(11)}m_{220}^{(20)}m_{014}^{(00)}-m_{000}^{(11)}m_{220}^{(21)}m_{302}^{(22)}+2m_{000}^{(11)}m_{220}^{(21)}m_{203}^{(20)}-m_{000}^{(11)}m_{220}^{(21)}m_{104}^{(00)}\\
&+m_{000}^{(11)}m_{220}^{(22)}m_{302}^{(21)}-m_{000}^{(11)}m_{220}^{(22)}m_{212}^{(20)}-m_{000}^{(11)}m_{220}^{(22)}m_{203}^{(10)}+m_{000}^{(11)}m_{220}^{(22)}m_{113}^{(00)}\\
&-m_{000}^{(11)}m_{211}^{(00)}m_{122}^{(22)}+4m_{000}^{(11)}m_{211}^{(00)}m_{113}^{(21)}-3m_{000}^{(11)}m_{211}^{(00)}m_{104}^{(11)}-2m_{000}^{(11)}m_{211}^{(00)}m_{023}^{(20)}\\
&+2m_{000}^{(11)}m_{211}^{(00)}m_{014}^{(10)}-2m_{000}^{(11)}m_{211}^{(10)}m_{212}^{(22)}+4m_{000}^{(11)}m_{211}^{(10)}m_{113}^{(20)}-2m_{000}^{(11)}m_{211}^{(10)}m_{014}^{(00)}
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\begin{aligned}
&+3m_{000}^{(11)}m_{211}^{(11)}m_{302}^{(22)} - 6m_{000}^{(11)}m_{211}^{(11)}m_{203}^{(20)} + 3m_{000}^{(11)}m_{211}^{(11)}m_{104}^{(00)} + 4m_{000}^{(11)}m_{211}^{(20)}m_{221}^{(22)}\\
&-8m_{000}^{(11)}m_{211}^{(20)}m_{212}^{(21)} + 6m_{000}^{(11)}m_{211}^{(20)}m_{203}^{(11)} - 4m_{000}^{(11)}m_{211}^{(20)}m_{113}^{(10)} + 2m_{000}^{(11)}m_{211}^{(20)}m_{023}^{(00)}\\
&-4m_{000}^{(11)}m_{211}^{(21)}m_{311}^{(22)} + 8m_{000}^{(11)}m_{211}^{(21)}m_{212}^{(20)} - 4m_{000}^{(11)}m_{211}^{(21)}m_{113}^{(00)} + 4m_{000}^{(11)}m_{211}^{(22)}m_{311}^{(21)}\\
&-3m_{000}^{(11)}m_{211}^{(22)}m_{302}^{(11)} - 4m_{000}^{(11)}m_{211}^{(22)}m_{221}^{(20)} + 2m_{000}^{(11)}m_{211}^{(22)}m_{212}^{(10)} + m_{000}^{(11)}m_{211}^{(22)}m_{122}^{(00)}\\
&+2m_{000}^{(11)}m_{202}^{(00)}m_{131}^{(22)} - 5m_{000}^{(11)}m_{202}^{(00)}m_{122}^{(21)} + 3m_{000}^{(11)}m_{202}^{(00)}m_{113}^{(11)} + m_{000}^{(11)}m_{202}^{(00)}m_{032}^{(20)}\\
&-m_{000}^{(11)}m_{202}^{(00)}m_{023}^{(10)} - 5m_{000}^{(11)}m_{202}^{(10)}m_{221}^{(22)} + 12m_{000}^{(11)}m_{202}^{(10)}m_{212}^{(21)} - 6m_{000}^{(11)}m_{202}^{(10)}m_{203}^{(11)}\\
&-2m_{000}^{(11)}m_{202}^{(10)}m_{122}^{(20)} + m_{000}^{(11)}m_{202}^{(10)}m_{023}^{(00)} + 3m_{000}^{(11)}m_{202}^{(11)}m_{311}^{(22)} - 6m_{000}^{(11)}m_{202}^{(11)}m_{302}^{(21)}\\
&+6m_{000}^{(11)}m_{202}^{(11)}m_{203}^{(10)} - 3m_{000}^{(11)}m_{202}^{(11)}m_{113}^{(00)} + m_{000}^{(11)}m_{202}^{(20)}m_{230}^{(22)} - 2m_{000}^{(11)}m_{202}^{(20)}m_{221}^{(21)}\\
&+2m_{000}^{(11)}m_{202}^{(20)}m_{122}^{(10)} - m_{000}^{(11)}m_{202}^{(20)}m_{032}^{(00)} - m_{000}^{(11)}m_{202}^{(21)}m_{320}^{(22)} + 6m_{000}^{(11)}m_{202}^{(21)}m_{302}^{(11)}\\
&+2m_{000}^{(11)}m_{202}^{(21)}m_{221}^{(20)} - 12m_{000}^{(11)}m_{202}^{(21)}m_{212}^{(10)} + 5m_{000}^{(11)}m_{202}^{(21)}m_{122}^{(00)} + m_{000}^{(11)}m_{202}^{(22)}m_{320}^{(21)}\\
&-3m_{000}^{(11)}m_{202}^{(22)}m_{311}^{(11)} - m_{000}^{(11)}m_{202}^{(22)}m_{230}^{(20)} + 5m_{000}^{(11)}m_{202}^{(22)}m_{221}^{(10)} - 2m_{000}^{(11)}m_{202}^{(22)}m_{131}^{(00)}\\
&+2m_{000}^{(11)}m_{121}^{(00)}m_{212}^{(22)} - 2m_{000}^{(11)}m_{121}^{(00)}m_{203}^{(21)} - 2m_{000}^{(11)}m_{121}^{(00)}m_{113}^{(20)} + 2m_{000}^{(11)}m_{121}^{(00)}m_{104}^{(10)}\\
&-2m_{000}^{(11)}m_{121}^{(10)}m_{302}^{(22)} + 4m_{000}^{(11)}m_{121}^{(10)}m_{203}^{(20)} - 2m_{000}^{(11)}m_{121}^{(10)}m_{104}^{(00)} - 2m_{000}^{(11)}m_{121}^{(20)}m_{311}^{(22)}\\
&+4m_{000}^{(11)}m_{121}^{(20)}m_{302}^{(21)} - 4m_{000}^{(11)}m_{121}^{(20)}m_{203}^{(10)} + 2m_{000}^{(11)}m_{121}^{(20)}m_{113}^{(00)} + 2m_{000}^{(11)}m_{121}^{(21)}m_{401}^{(22)}\\
&-4m_{000}^{(11)}m_{121}^{(21)}m_{302}^{(20)} + 2m_{000}^{(11)}m_{121}^{(21)}m_{203}^{(00)} - 2m_{000}^{(11)}m_{121}^{(22)}m_{401}^{(21)} + 2m_{000}^{(11)}m_{121}^{(22)}m_{311}^{(20)}\\
&+2m_{000}^{(11)}m_{121}^{(22)}m_{302}^{(10)} - 2m_{000}^{(11)}m_{121}^{(22)}m_{212}^{(00)} - m_{000}^{(11)}m_{112}^{(00)}m_{221}^{(22)} - 2m_{000}^{(11)}m_{112}^{(00)}m_{212}^{(21)}\\
&+3m_{000}^{(11)}m_{112}^{(00)}m_{203}^{(11)} + 4m_{000}^{(11)}m_{112}^{(00)}m_{122}^{(20)} - 4m_{000}^{(11)}m_{112}^{(00)}m_{113}^{(10)} + 4m_{000}^{(11)}m_{112}^{(10)}m_{311}^{(22)}\\
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&-3m_{000}^{(11)}m_{112}^{(11)}m_{203}^{(00)} - 2m_{000}^{(11)}m_{112}^{(20)}m_{320}^{(22)} + 4m_{000}^{(11)}m_{112}^{(20)}m_{311}^{(21)} - 6m_{000}^{(11)}m_{112}^{(20)}m_{302}^{(11)}\\
&+8m_{000}^{(11)}m_{112}^{(20)}m_{212}^{(10)} - 4m_{000}^{(11)}m_{112}^{(20)}m_{122}^{(00)} + 2m_{000}^{(11)}m_{112}^{(21)}m_{410}^{(22)} - 4m_{000}^{(11)}m_{112}^{(21)}m_{311}^{(20)}\\
&+2m_{000}^{(11)}m_{112}^{(21)}m_{212}^{(00)} - 2m_{000}^{(11)}m_{112}^{(22)}m_{410}^{(21)} + 3m_{000}^{(11)}m_{112}^{(22)}m_{401}^{(11)} + 2m_{000}^{(11)}m_{112}^{(22)}m_{320}^{(20)}\\
&-4m_{000}^{(11)}m_{112}^{(22)}m_{311}^{(10)} + m_{000}^{(11)}m_{112}^{(22)}m_{221}^{(00)} - m_{000}^{(11)}m_{103}^{(00)}m_{230}^{(22)} + 4m_{000}^{(11)}m_{103}^{(00)}m_{221}^{(21)}\\
&-3m_{000}^{(11)}m_{103}^{(00)}m_{212}^{(11)} - 2m_{000}^{(11)}m_{103}^{(00)}m_{131}^{(20)} + 2m_{000}^{(11)}m_{103}^{(00)}m_{122}^{(10)} + 2m_{000}^{(11)}m_{103}^{(10)}m_{320}^{(22)}\\
&-8m_{000}^{(11)}m_{103}^{(10)}m_{311}^{(21)} + 4m_{000}^{(11)}m_{103}^{(10)}m_{302}^{(11)} + 4m_{000}^{(11)}m_{103}^{(10)}m_{221}^{(20)} - 2m_{000}^{(11)}m_{103}^{(10)}m_{122}^{(00)}\\
&-m_{000}^{(11)}m_{103}^{(11)}m_{410}^{(22)} + 4m_{000}^{(11)}m_{103}^{(11)}m_{401}^{(21)} - 2m_{000}^{(11)}m_{103}^{(11)}m_{311}^{(20)} - 4m_{000}^{(11)}m_{103}^{(11)}m_{302}^{(10)}\\
&+3m_{000}^{(11)}m_{103}^{(11)}m_{212}^{(00)} + 2m_{000}^{(11)}m_{103}^{(20)}m_{311}^{(11)} - 4m_{000}^{(11)}m_{103}^{(20)}m_{221}^{(10)} + 2m_{000}^{(11)}m_{103}^{(20)}m_{131}^{(00)}\\
&-4m_{000}^{(11)}m_{103}^{(21)}m_{401}^{(11)} + 8m_{000}^{(11)}m_{103}^{(21)}m_{311}^{(10)} - 4m_{000}^{(11)}m_{103}^{(21)}m_{221}^{(00)} + m_{000}^{(11)}m_{103}^{(22)}m_{410}^{(11)}\\
&-2m_{000}^{(11)}m_{103}^{(22)}m_{320}^{(10)} + m_{000}^{(11)}m_{103}^{(22)}m_{230}^{(00)} - m_{000}^{(11)}m_{022}^{(00)}m_{311}^{(22)} + m_{000}^{(11)}m_{022}^{(00)}m_{302}^{(21)}\\
&+m_{000}^{(11)}m_{022}^{(00)}m_{212}^{(20)} - m_{000}^{(11)}m_{022}^{(00)}m_{203}^{(10)} + m_{000}^{(11)}m_{022}^{(10)}m_{401}^{(22)} - 2m_{000}^{(11)}m_{022}^{(10)}m_{302}^{(20)}\\
&+m_{000}^{(11)}m_{022}^{(10)}m_{203}^{(00)} + m_{000}^{(11)}m_{022}^{(20)}m_{410}^{(22)} - 2m_{000}^{(11)}m_{022}^{(20)}m_{401}^{(21)} + 2m_{000}^{(11)}m_{022}^{(20)}m_{302}^{(10)}\\
&-m_{000}^{(11)}m_{022}^{(20)}m_{212}^{(00)} - m_{000}^{(11)}m_{022}^{(21)}m_{500}^{(22)} + 2m_{000}^{(11)}m_{022}^{(21)}m_{401}^{(20)} - m_{000}^{(11)}m_{022}^{(21)}m_{302}^{(00)}\\
&+m_{000}^{(11)}m_{022}^{(22)}m_{500}^{(21)} - m_{000}^{(11)}m_{022}^{(22)}m_{410}^{(20)} - m_{000}^{(11)}m_{022}^{(22)}m_{401}^{(10)} + m_{000}^{(11)}m_{022}^{(22)}m_{311}^{(00)}\\
&+m_{000}^{(11)}m_{013}^{(00)}m_{320}^{(22)} - m_{000}^{(11)}m_{013}^{(00)}m_{302}^{(11)} - 2m_{000}^{(11)}m_{013}^{(00)}m_{221}^{(20)} + 2m_{000}^{(11)}m_{013}^{(00)}m_{212}^{(10)}\\
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&-2m_{000}^{(11)}m_{013}^{(11)}m_{401}^{(20)} + m_{000}^{(11)}m_{013}^{(11)}m_{302}^{(00)} + 2m_{000}^{(11)}m_{013}^{(20)}m_{401}^{(11)} - 4m_{000}^{(11)}m_{013}^{(20)}m_{311}^{(10)}\\
&+2m_{000}^{(11)}m_{013}^{(20)}m_{221}^{(00)} - m_{000}^{(11)}m_{013}^{(22)}m_{500}^{(11)} + 2m_{000}^{(11)}m_{013}^{(22)}m_{410}^{(10)} - m_{000}^{(11)}m_{013}^{(22)}m_{320}^{(00)}\\
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&+2m_{000}^{(11)}m_{004}^{(10)}m_{410}^{(21)} - m_{000}^{(11)}m_{004}^{(10)}m_{401}^{(11)} - 2m_{000}^{(11)}m_{004}^{(10)}m_{320}^{(20)} + m_{000}^{(11)}m_{004}^{(10)}m_{221}^{(00)}
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\begin{aligned}
&-m_{000}^{(11)}m_{004}^{(11)}m_{500}^{(21)}+m_{000}^{(11)}m_{004}^{(11)}m_{410}^{(20)}+m_{000}^{(11)}m_{004}^{(11)}m_{401}^{(10)}-m_{000}^{(11)}m_{004}^{(11)}m_{311}^{(00)}\\
&-m_{000}^{(11)}m_{004}^{(20)}m_{410}^{(11)}+2m_{000}^{(11)}m_{004}^{(20)}m_{320}^{(10)}-m_{000}^{(11)}m_{004}^{(20)}m_{230}^{(00)}+m_{000}^{(11)}m_{004}^{(21)}m_{500}^{(11)}\\
&-2m_{000}^{(11)}m_{004}^{(21)}m_{410}^{(10)}+m_{000}^{(11)}m_{004}^{(21)}m_{320}^{(00)}-2m_{000}^{(20)}m_{310}^{(10)}m_{032}^{(22)}+4m_{000}^{(20)}m_{310}^{(10)}m_{023}^{(21)}\\
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&+2m_{000}^{(20)}m_{310}^{(11)}m_{014}^{(10)}+2m_{000}^{(20)}m_{310}^{(20)}m_{041}^{(22)}-4m_{000}^{(20)}m_{310}^{(20)}m_{032}^{(21)}+2m_{000}^{(20)}m_{310}^{(20)}m_{023}^{(11)}\\
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&+2m_{000}^{(20)}m_{310}^{(22)}m_{131}^{(21)}-2m_{000}^{(20)}m_{310}^{(22)}m_{122}^{(11)}-2m_{000}^{(20)}m_{310}^{(22)}m_{041}^{(20)}+2m_{000}^{(20)}m_{310}^{(22)}m_{032}^{(10)}\\
&+2m_{000}^{(20)}m_{301}^{(10)}m_{041}^{(22)}-4m_{000}^{(20)}m_{301}^{(10)}m_{032}^{(21)}+2m_{000}^{(20)}m_{301}^{(10)}m_{023}^{(11)}-2m_{000}^{(20)}m_{301}^{(11)}m_{131}^{(22)}\\
&+2m_{000}^{(20)}m_{301}^{(11)}m_{122}^{(21)}+2m_{000}^{(20)}m_{301}^{(11)}m_{032}^{(20)}-2m_{000}^{(20)}m_{301}^{(11)}m_{023}^{(10)}-2m_{000}^{(20)}m_{301}^{(20)}m_{050}^{(22)}\\
&+4m_{000}^{(20)}m_{301}^{(20)}m_{041}^{(21)}-2m_{000}^{(20)}m_{301}^{(20)}m_{032}^{(11)}+2m_{000}^{(20)}m_{301}^{(21)}m_{140}^{(22)}-2m_{000}^{(20)}m_{301}^{(21)}m_{122}^{(11)}\\
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&+2m_{000}^{(20)}m_{220}^{(00)}m_{014}^{(11)}+2m_{000}^{(20)}m_{220}^{(10)}m_{122}^{(22)}-4m_{000}^{(20)}m_{220}^{(10)}m_{113}^{(21)}+2m_{000}^{(20)}m_{220}^{(10)}m_{104}^{(11)}\\
&-4m_{000}^{(20)}m_{220}^{(11)}m_{212}^{(22)}+2m_{000}^{(20)}m_{220}^{(11)}m_{203}^{(21)}+6m_{000}^{(20)}m_{220}^{(11)}m_{113}^{(20)}-2m_{000}^{(20)}m_{220}^{(11)}m_{104}^{(10)}\\
&-2m_{000}^{(20)}m_{220}^{(11)}m_{014}^{(00)}-6m_{000}^{(20)}m_{220}^{(20)}m_{131}^{(22)}+12m_{000}^{(20)}m_{220}^{(20)}m_{122}^{(21)}-6m_{000}^{(20)}m_{220}^{(20)}m_{113}^{(11)}\\
&+6m_{000}^{(20)}m_{220}^{(21)}m_{221}^{(22)}-2m_{000}^{(20)}m_{220}^{(21)}m_{203}^{(11)}-12m_{000}^{(20)}m_{220}^{(21)}m_{122}^{(20)}+4m_{000}^{(20)}m_{220}^{(21)}m_{113}^{(10)}\\
&+4m_{000}^{(20)}m_{220}^{(21)}m_{023}^{(00)}-6m_{000}^{(20)}m_{220}^{(22)}m_{221}^{(21)}+4m_{000}^{(20)}m_{220}^{(22)}m_{212}^{(11)}+6m_{000}^{(20)}m_{220}^{(22)}m_{131}^{(20)}\\
&-2m_{000}^{(20)}m_{220}^{(22)}m_{122}^{(10)}-2m_{000}^{(20)}m_{220}^{(22)}m_{032}^{(00)}-4m_{000}^{(20)}m_{211}^{(00)}m_{041}^{(22)}+8m_{000}^{(20)}m_{211}^{(00)}m_{032}^{(21)}\\
&-4m_{000}^{(20)}m_{211}^{(00)}m_{023}^{(11)}+2m_{000}^{(20)}m_{211}^{(10)}m_{131}^{(22)}-4m_{000}^{(20)}m_{211}^{(10)}m_{122}^{(21)}+2m_{000}^{(20)}m_{211}^{(10)}m_{113}^{(11)}\\
&+2m_{000}^{(20)}m_{211}^{(11)}m_{221}^{(22)}+2m_{000}^{(20)}m_{211}^{(11)}m_{212}^{(21)}-6m_{000}^{(20)}m_{211}^{(11)}m_{122}^{(20)}-2m_{000}^{(20)}m_{211}^{(11)}m_{113}^{(10)}\\
&+4m_{000}^{(20)}m_{211}^{(11)}m_{023}^{(00)}+6m_{000}^{(20)}m_{211}^{(20)}m_{140}^{(22)}-12m_{000}^{(20)}m_{211}^{(20)}m_{131}^{(21)}+6m_{000}^{(20)}m_{211}^{(20)}m_{122}^{(11)}\\
&-6m_{000}^{(20)}m_{211}^{(21)}m_{230}^{(22)}-2m_{000}^{(20)}m_{211}^{(21)}m_{212}^{(11)}+12m_{000}^{(20)}m_{211}^{(21)}m_{131}^{(20)}+4m_{000}^{(20)}m_{211}^{(21)}m_{122}^{(10)}\\
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&+2m_{000}^{(20)}m_{202}^{(00)}m_{032}^{(11)}-4m_{000}^{(20)}m_{202}^{(10)}m_{140}^{(22)}+8m_{000}^{(20)}m_{202}^{(10)}m_{131}^{(21)}-4m_{000}^{(20)}m_{202}^{(10)}m_{122}^{(11)}\\
&+2m_{000}^{(20)}m_{202}^{(11)}m_{230}^{(22)}-4m_{000}^{(20)}m_{202}^{(11)}m_{221}^{(21)}+4m_{000}^{(20)}m_{202}^{(11)}m_{122}^{(10)}-2m_{000}^{(20)}m_{202}^{(11)}m_{032}^{(00)}\\
&+4m_{000}^{(20)}m_{202}^{(21)}m_{221}^{(11)}-8m_{000}^{(20)}m_{202}^{(21)}m_{131}^{(10)}+4m_{000}^{(20)}m_{202}^{(21)}m_{041}^{(00)}-2m_{000}^{(20)}m_{202}^{(22)}m_{230}^{(11)}\\
&+4m_{000}^{(20)}m_{202}^{(22)}m_{140}^{(10)}-2m_{000}^{(20)}m_{202}^{(22)}m_{050}^{(00)}-4m_{000}^{(20)}m_{130}^{(00)}m_{122}^{(22)}+6m_{000}^{(20)}m_{130}^{(00)}m_{113}^{(21)}\\
&-2m_{000}^{(20)}m_{130}^{(00)}m_{104}^{(11)}+2m_{000}^{(20)}m_{130}^{(00)}m_{023}^{(20)}-2m_{000}^{(20)}m_{130}^{(00)}m_{014}^{(10)}+2m_{000}^{(20)}m_{130}^{(10)}m_{212}^{(22)}\\
&-4m_{000}^{(20)}m_{130}^{(10)}m_{113}^{(20)}+2m_{000}^{(20)}m_{130}^{(10)}m_{014}^{(00)}+2m_{000}^{(20)}m_{130}^{(11)}m_{302}^{(22)}-4m_{000}^{(20)}m_{130}^{(11)}m_{203}^{(20)}\\
&+2m_{000}^{(20)}m_{130}^{(11)}m_{104}^{(00)}+6m_{000}^{(20)}m_{130}^{(20)}m_{221}^{(22)}-12m_{000}^{(20)}m_{130}^{(20)}m_{212}^{(21)}+4m_{000}^{(20)}m_{130}^{(20)}m_{203}^{(11)}\\
&+4m_{000}^{(20)}m_{130}^{(20)}m_{113}^{(10)}-2m_{000}^{(20)}m_{130}^{(20)}m_{023}^{(00)}-6m_{000}^{(20)}m_{130}^{(21)}m_{311}^{(22)}+12m_{000}^{(20)}m_{130}^{(21)}m_{212}^{(20)}\\
&-6m_{000}^{(20)}m_{130}^{(21)}m_{113}^{(00)}+6m_{000}^{(20)}m_{130}^{(22)}m_{131}^{(21)}-2m_{000}^{(20)}m_{130}^{(22)}m_{302}^{(11)}-6m_{000}^{(20)}m_{130}^{(22)}m_{221}^{(20)}\\
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&+2m_{000}^{(20)}m_{121}^{(00)}m_{113}^{(11)}-6m_{000}^{(20)}m_{121}^{(00)}m_{032}^{(20)}+6m_{000}^{(20)}m_{121}^{(00)}m_{023}^{(10)}-10m_{000}^{(20)}m_{121}^{(10)}m_{221}^{(22)}\\
&+8m_{000}^{(20)}m_{121}^{(10)}m_{212}^{(21)}-4m_{000}^{(20)}m_{121}^{(10)}m_{203}^{(11)}+12m_{000}^{(20)}m_{121}^{(10)}m_{122}^{(20)}-6m_{000}^{(20)}m_{121}^{(10)}m_{023}^{(00)}\\
&+2m_{000}^{(20)}m_{121}^{(11)}m_{311}^{(22)}-4m_{000}^{(20)}m_{121}^{(11)}m_{302}^{(21)}+4m_{000}^{(20)}m_{121}^{(11)}m_{203}^{(10)}-2m_{000}^{(20)}m_{121}^{(11)}m_{113}^{(00)}\\
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&+6m_{000}^{(20)}m_{121}^{(21)}m_{320}^{(22)}+4m_{000}^{(20)}m_{121}^{(21)}m_{302}^{(11)}-12m_{000}^{(20)}m_{121}^{(21)}m_{221}^{(20)}-8m_{000}^{(20)}m_{121}^{(21)}m_{212}^{(10)}\\
&+10m_{000}^{(20)}m_{121}^{(21)}m_{122}^{(00)}-6m_{000}^{(20)}m_{121}^{(22)}m_{320}^{(21)}-2m_{000}^{(20)}m_{121}^{(22)}m_{311}^{(11)}+6m_{000}^{(20)}m_{121}^{(22)}m_{230}^{(20)}\\
&+10m_{000}^{(20)}m_{121}^{(22)}m_{221}^{(10)}-8m_{000}^{(20)}m_{121}^{(22)}m_{131}^{(00)}-4m_{000}^{(20)}m_{112}^{(00)}m_{140}^{(22)}+2m_{000}^{(20)}m_{112}^{(00)}m_{131}^{(21)}\\
&+2m_{000}^{(20)}m_{112}^{(00)}m_{122}^{(11)}+6m_{000}^{(20)}m_{112}^{(00)}m_{041}^{(20)}-6m_{000}^{(20)}m_{112}^{(00)}m_{032}^{(10)}+8m_{000}^{(20)}m_{112}^{(10)}m_{230}^{(22)}\\
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&+4m_{000}^{(20)}m_{103}^{(10)}m_{140}^{(20)}-2m_{000}^{(20)}m_{103}^{(10)}m_{041}^{(00)}+2m_{000}^{(20)}m_{103}^{(11)}m_{320}^{(21)}-2m_{000}^{(20)}m_{103}^{(11)}m_{230}^{(20)}\\
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&+2m_{000}^{(20)}m_{103}^{(20)}m_{050}^{(00)}-2m_{000}^{(20)}m_{103}^{(21)}m_{320}^{(11)}+4m_{000}^{(20)}m_{103}^{(21)}m_{230}^{(10)}-2m_{000}^{(20)}m_{103}^{(21)}m_{140}^{(00)}\\
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&+4m_{000}^{(20)}m_{040}^{(20)}m_{302}^{(21)}-4m_{000}^{(20)}m_{040}^{(20)}m_{203}^{(10)}+2m_{000}^{(20)}m_{040}^{(20)}m_{113}^{(00)}+2m_{000}^{(20)}m_{040}^{(21)}m_{401}^{(22)}\\
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&+2m_{000}^{(20)}m_{040}^{(22)}m_{302}^{(10)}-2m_{000}^{(20)}m_{040}^{(22)}m_{212}^{(00)}-4m_{000}^{(20)}m_{031}^{(00)}m_{221}^{(22)}+2m_{000}^{(20)}m_{031}^{(00)}m_{212}^{(21)}\\
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&+12m_{000}^{(20)}m_{031}^{(20)}m_{212}^{(10)}-6m_{000}^{(20)}m_{031}^{(20)}m_{122}^{(00)}-2m_{000}^{(20)}m_{031}^{(21)}m_{410}^{(22)}+4m_{000}^{(20)}m_{031}^{(21)}m_{311}^{(20)}\\
&-2m_{000}^{(20)}m_{031}^{(21)}m_{212}^{(00)}+2m_{000}^{(20)}m_{031}^{(22)}m_{410}^{(21)}+2m_{000}^{(20)}m_{031}^{(22)}m_{401}^{(11)}-2m_{000}^{(20)}m_{031}^{(22)}m_{320}^{(20)}\\
&-6m_{000}^{(20)}m_{031}^{(22)}m_{311}^{(10)}+4m_{000}^{(20)}m_{031}^{(22)}m_{221}^{(00)}+2m_{000}^{(20)}m_{022}^{(00)}m_{230}^{(22)}+2m_{000}^{(20)}m_{022}^{(00)}m_{221}^{(21)}\\
&-4m_{000}^{(20)}m_{022}^{(00)}m_{212}^{(11)}-6m_{000}^{(20)}m_{022}^{(00)}m_{131}^{(20)}+6m_{000}^{(20)}m_{022}^{(00)}m_{122}^{(10)}-4m_{000}^{(20)}m_{022}^{(10)}m_{320}^{(22)}\\
&-4m_{000}^{(20)}m_{022}^{(10)}m_{311}^{(21)}+2m_{000}^{(20)}m_{022}^{(10)}m_{302}^{(11)}+12m_{000}^{(20)}m_{022}^{(10)}m_{221}^{(20)}-6m_{000}^{(20)}m_{022}^{(10)}m_{122}^{(00)}\\
&+2m_{000}^{(20)}m_{022}^{(11)}m_{410}^{(22)}+2m_{000}^{(20)}m_{022}^{(11)}m_{401}^{(21)}-6m_{000}^{(20)}m_{022}^{(11)}m_{311}^{(20)}-2m_{000}^{(20)}m_{022}^{(11)}m_{302}^{(10)}\\
&+4m_{000}^{(20)}m_{022}^{(11)}m_{212}^{(00)}+6m_{000}^{(20)}m_{022}^{(20)}m_{311}^{(11)}-12m_{000}^{(20)}m_{022}^{(20)}m_{221}^{(10)}+6m_{000}^{(20)}m_{022}^{(20)}m_{131}^{(00)}\\
&-2m_{000}^{(20)}m_{022}^{(21)}m_{401}^{(11)}+4m_{000}^{(20)}m_{022}^{(21)}m_{311}^{(10)}-2m_{000}^{(20)}m_{022}^{(21)}m_{221}^{(00)}-2m_{000}^{(20)}m_{022}^{(22)}m_{410}^{(11)}\\
&+4m_{000}^{(20)}m_{022}^{(22)}m_{320}^{(10)}-2m_{000}^{(20)}m_{022}^{(22)}m_{230}^{(00)}-2m_{000}^{(20)}m_{013}^{(00)}m_{230}^{(21)}+2m_{000}^{(20)}m_{013}^{(00)}m_{221}^{(11)}\\
&+2m_{000}^{(20)}m_{013}^{(00)}m_{140}^{(20)}-2m_{000}^{(20)}m_{013}^{(00)}m_{131}^{(10)}+4m_{000}^{(20)}m_{013}^{(10)}m_{320}^{(21)}-2m_{000}^{(20)}m_{013}^{(10)}m_{311}^{(11)}\\
&-4m_{000}^{(20)}m_{013}^{(10)}m_{230}^{(20)}+2m_{000}^{(20)}m_{013}^{(10)}m_{131}^{(00)}-2m_{000}^{(20)}m_{013}^{(11)}m_{410}^{(21)}+2m_{000}^{(20)}m_{013}^{(11)}m_{320}^{(20)}\\
&+2m_{000}^{(20)}m_{013}^{(11)}m_{311}^{(10)}-2m_{000}^{(20)}m_{013}^{(11)}m_{221}^{(00)}-2m_{000}^{(20)}m_{013}^{(20)}m_{320}^{(11)}+4m_{000}^{(20)}m_{013}^{(20)}m_{230}^{(10)}\\
&-2m_{000}^{(20)}m_{013}^{(20)}m_{140}^{(00)}+2m_{000}^{(20)}m_{013}^{(21)}m_{410}^{(11)}-4m_{000}^{(20)}m_{013}^{(21)}m_{320}^{(10)}+2m_{000}^{(20)}m_{013}^{(21)}m_{230}^{(00)}\\
&+2m_{000}^{(21)}m_{400}^{(10)}m_{032}^{(22)}-4m_{000}^{(21)}m_{400}^{(10)}m_{023}^{(21)}+2m_{000}^{(21)}m_{400}^{(10)}m_{014}^{(11)}-2m_{000}^{(21)}m_{400}^{(11)}m_{122}^{(22)}\\
&+2m_{000}^{(21)}m_{400}^{(11)}m_{113}^{(21)}+2m_{000}^{(21)}m_{400}^{(11)}m_{023}^{(20)}-2m_{000}^{(21)}m_{400}^{(11)}m_{014}^{(10)}-2m_{000}^{(21)}m_{400}^{(20)}m_{041}^{(22)}\\
&+4m_{000}^{(21)}m_{400}^{(20)}m_{032}^{(21)}-2m_{000}^{(21)}m_{400}^{(20)}m_{023}^{(11)}+2m_{000}^{(21)}m_{400}^{(21)}m_{131}^{(22)}-2m_{000}^{(21)}m_{400}^{(21)}m_{113}^{(11)}\\
&-4m_{000}^{(21)}m_{400}^{(21)}m_{032}^{(20)}+4m_{000}^{(21)}m_{400}^{(21)}m_{023}^{(10)}-2m_{000}^{(21)}m_{400}^{(22)}m_{131}^{(21)}+2m_{000}^{(21)}m_{400}^{(22)}m_{122}^{(11)}
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\begin{aligned}
&+2m_{000}^{(21)}m_{400}^{(22)}m_{041}^{(20)} - 2m_{000}^{(21)}m_{400}^{(22)}m_{032}^{(10)} - 2m_{000}^{(21)}m_{310}^{(00)}m_{032}^{(22)} + 4m_{000}^{(21)}m_{310}^{(00)}m_{023}^{(21)}\\
&-2m_{000}^{(21)}m_{310}^{(00)}m_{014}^{(11)} - 2m_{000}^{(21)}m_{310}^{(10)}m_{122}^{(22)} + 4m_{000}^{(21)}m_{310}^{(10)}m_{113}^{(21)} - 2m_{000}^{(21)}m_{310}^{(10)}m_{104}^{(11)}\\
&+4m_{000}^{(21)}m_{310}^{(11)}m_{212}^{(22)} - 2m_{000}^{(21)}m_{310}^{(11)}m_{203}^{(21)} - 6m_{000}^{(21)}m_{310}^{(11)}m_{113}^{(20)} + 2m_{000}^{(21)}m_{310}^{(11)}m_{104}^{(10)}\\
&+2m_{000}^{(21)}m_{310}^{(11)}m_{014}^{(00)} + 6m_{000}^{(21)}m_{310}^{(20)}m_{131}^{(22)} - 12m_{000}^{(21)}m_{310}^{(20)}m_{122}^{(21)} + 6m_{000}^{(21)}m_{310}^{(20)}m_{113}^{(11)}\\
&-6m_{000}^{(21)}m_{310}^{(21)}m_{221}^{(22)} + 2m_{000}^{(21)}m_{310}^{(21)}m_{203}^{(11)} + 12m_{000}^{(21)}m_{310}^{(21)}m_{122}^{(20)} - 4m_{000}^{(21)}m_{310}^{(21)}m_{113}^{(10)}\\
&-4m_{000}^{(21)}m_{310}^{(21)}m_{023}^{(00)} + 6m_{000}^{(21)}m_{310}^{(22)}m_{221}^{(21)} - 4m_{000}^{(21)}m_{310}^{(22)}m_{212}^{(11)} - 6m_{000}^{(21)}m_{310}^{(22)}m_{131}^{(20)}\\
&+2m_{000}^{(21)}m_{310}^{(22)}m_{122}^{(10)} + 2m_{000}^{(21)}m_{310}^{(22)}m_{032}^{(00)} + 2m_{000}^{(21)}m_{301}^{(00)}m_{041}^{(22)} - 4m_{000}^{(21)}m_{301}^{(00)}m_{032}^{(21)}\\
&+2m_{000}^{(21)}m_{301}^{(00)}m_{023}^{(11)} - 6m_{000}^{(21)}m_{301}^{(10)}m_{131}^{(22)} + 12m_{000}^{(21)}m_{301}^{(10)}m_{122}^{(21)} - 6m_{000}^{(21)}m_{301}^{(10)}m_{113}^{(11)}\\
&+4m_{000}^{(21)}m_{301}^{(11)}m_{221}^{(22)} - 6m_{000}^{(21)}m_{301}^{(11)}m_{212}^{(21)} - 2m_{000}^{(21)}m_{301}^{(11)}m_{122}^{(20)} + 6m_{000}^{(21)}m_{301}^{(11)}m_{113}^{(10)}\\
&-2m_{000}^{(21)}m_{301}^{(11)}m_{023}^{(00)} + 2m_{000}^{(21)}m_{301}^{(20)}m_{140}^{(22)} - 4m_{000}^{(21)}m_{301}^{(20)}m_{131}^{(21)} + 2m_{000}^{(21)}m_{301}^{(20)}m_{122}^{(11)}\\
&-2m_{000}^{(21)}m_{301}^{(21)}m_{230}^{(22)} + 6m_{000}^{(21)}m_{301}^{(21)}m_{212}^{(11)} + 4m_{000}^{(21)}m_{301}^{(21)}m_{131}^{(20)} - 12m_{000}^{(21)}m_{301}^{(21)}m_{122}^{(10)}\\
&+4m_{000}^{(21)}m_{301}^{(21)}m_{032}^{(00)} + 2m_{000}^{(21)}m_{301}^{(22)}m_{230}^{(21)} - 4m_{000}^{(21)}m_{301}^{(22)}m_{221}^{(11)} - 2m_{000}^{(21)}m_{301}^{(22)}m_{140}^{(20)}\\
&+6m_{000}^{(21)}m_{301}^{(22)}m_{131}^{(10)} - 2m_{000}^{(21)}m_{301}^{(22)}m_{041}^{(00)} + 4m_{000}^{(21)}m_{220}^{(00)}m_{122}^{(22)} - 6m_{000}^{(21)}m_{220}^{(00)}m_{113}^{(21)}\\
&+2m_{000}^{(21)}m_{220}^{(00)}m_{104}^{(11)} - 2m_{000}^{(21)}m_{220}^{(00)}m_{023}^{(20)} + 2m_{000}^{(21)}m_{220}^{(00)}m_{014}^{(10)} - 2m_{000}^{(21)}m_{220}^{(10)}m_{212}^{(22)}\\
&+4m_{000}^{(21)}m_{220}^{(10)}m_{113}^{(20)} - 2m_{000}^{(21)}m_{220}^{(10)}m_{014}^{(00)} - 2m_{000}^{(21)}m_{220}^{(11)}m_{302}^{(22)} + 4m_{000}^{(21)}m_{220}^{(11)}m_{203}^{(20)}\\
&-2m_{000}^{(21)}m_{220}^{(11)}m_{104}^{(00)} - 6m_{000}^{(21)}m_{220}^{(20)}m_{221}^{(22)} + 12m_{000}^{(21)}m_{220}^{(20)}m_{212}^{(21)} - 4m_{000}^{(21)}m_{220}^{(20)}m_{203}^{(11)}\\
&-4m_{000}^{(21)}m_{220}^{(20)}m_{113}^{(10)} + 2m_{000}^{(21)}m_{220}^{(20)}m_{023}^{(00)} + 6m_{000}^{(21)}m_{220}^{(21)}m_{311}^{(22)} - 12m_{000}^{(21)}m_{220}^{(21)}m_{212}^{(20)}\\
&+6m_{000}^{(21)}m_{220}^{(21)}m_{113}^{(00)} - 6m_{000}^{(21)}m_{220}^{(22)}m_{311}^{(21)} + 2m_{000}^{(21)}m_{220}^{(22)}m_{302}^{(11)} + 6m_{000}^{(21)}m_{220}^{(22)}m_{221}^{(20)}\\
&+2m_{000}^{(21)}m_{220}^{(22)}m_{212}^{(10)} - 4m_{000}^{(21)}m_{220}^{(22)}m_{122}^{(00)} - 2m_{000}^{(21)}m_{211}^{(00)}m_{131}^{(22)} + 2m_{000}^{(21)}m_{211}^{(00)}m_{113}^{(21)}\\
&+4m_{000}^{(21)}m_{211}^{(00)}m_{032}^{(20)} - 4m_{000}^{(21)}m_{211}^{(00)}m_{023}^{(10)} + 10m_{000}^{(21)}m_{211}^{(10)}m_{221}^{(22)} - 12m_{000}^{(21)}m_{211}^{(10)}m_{212}^{(21)}\\
&+6m_{000}^{(21)}m_{211}^{(10)}m_{203}^{(11)} - 8m_{000}^{(21)}m_{211}^{(10)}m_{122}^{(20)} + 4m_{000}^{(21)}m_{211}^{(10)}m_{023}^{(00)} - 8m_{000}^{(21)}m_{211}^{(11)}m_{311}^{(22)}\\
&+6m_{000}^{(21)}m_{211}^{(11)}m_{302}^{(21)} + 10m_{000}^{(21)}m_{211}^{(11)}m_{212}^{(20)} - 6m_{000}^{(21)}m_{211}^{(11)}m_{203}^{(10)} - 2m_{000}^{(21)}m_{211}^{(11)}m_{113}^{(00)}\\
&-6m_{000}^{(21)}m_{211}^{(20)}m_{230}^{(22)} + 12m_{000}^{(21)}m_{211}^{(20)}m_{221}^{(21)} - 10m_{000}^{(21)}m_{211}^{(20)}m_{212}^{(11)} + 8m_{000}^{(21)}m_{211}^{(20)}m_{122}^{(10)}\\
&-4m_{000}^{(21)}m_{211}^{(20)}m_{032}^{(00)} + 6m_{000}^{(21)}m_{211}^{(21)}m_{320}^{(22)} - 6m_{000}^{(21)}m_{211}^{(21)}m_{302}^{(11)} - 12m_{000}^{(21)}m_{211}^{(21)}m_{221}^{(20)}\\
&+12m_{000}^{(21)}m_{211}^{(21)}m_{212}^{(10)} - 6m_{000}^{(21)}m_{211}^{(22)}m_{320}^{(21)} + 8m_{000}^{(21)}m_{211}^{(22)}m_{311}^{(11)} + 6m_{000}^{(21)}m_{211}^{(22)}m_{230}^{(20)}\\
&-10m_{000}^{(21)}m_{211}^{(22)}m_{221}^{(10)} + 2m_{000}^{(21)}m_{211}^{(22)}m_{131}^{(00)} - 2m_{000}^{(21)}m_{202}^{(00)}m_{140}^{(22)} + 6m_{000}^{(21)}m_{202}^{(00)}m_{131}^{(21)}\\
&-4m_{000}^{(21)}m_{202}^{(00)}m_{122}^{(11)} - 2m_{000}^{(21)}m_{202}^{(00)}m_{041}^{(20)} + 2m_{000}^{(21)}m_{202}^{(00)}m_{032}^{(10)} + 4m_{000}^{(21)}m_{202}^{(10)}m_{230}^{(22)}\\
&-12m_{000}^{(21)}m_{202}^{(10)}m_{221}^{(21)} + 6m_{000}^{(21)}m_{202}^{(10)}m_{212}^{(11)} + 4m_{000}^{(21)}m_{202}^{(10)}m_{131}^{(20)} - 2m_{000}^{(21)}m_{202}^{(10)}m_{032}^{(00)}\\
&-2m_{000}^{(21)}m_{202}^{(11)}m_{320}^{(22)} + 6m_{000}^{(21)}m_{202}^{(11)}m_{311}^{(21)} - 2m_{000}^{(21)}m_{202}^{(11)}m_{221}^{(20)} - 6m_{000}^{(21)}m_{202}^{(11)}m_{212}^{(10)}\\
&+4m_{000}^{(21)}m_{202}^{(11)}m_{122}^{(00)} + 2m_{000}^{(21)}m_{202}^{(20)}m_{221}^{(11)} - 4m_{000}^{(21)}m_{202}^{(20)}m_{131}^{(10)} + 2m_{000}^{(21)}m_{202}^{(20)}m_{041}^{(00)}\\
&-6m_{000}^{(21)}m_{202}^{(21)}m_{311}^{(11)} + 12m_{000}^{(21)}m_{202}^{(21)}m_{221}^{(10)} - 6m_{000}^{(21)}m_{202}^{(21)}m_{131}^{(00)} + 2m_{000}^{(21)}m_{202}^{(22)}m_{320}^{(11)}\\
&-4m_{000}^{(21)}m_{202}^{(22)}m_{230}^{(10)} + 2m_{000}^{(21)}m_{202}^{(22)}m_{140}^{(00)} - 2m_{000}^{(21)}m_{130}^{(00)}m_{212}^{(22)} + 2m_{000}^{(21)}m_{130}^{(00)}m_{203}^{(21)}\\
&+2m_{000}^{(21)}m_{130}^{(00)}m_{113}^{(20)} - 2m_{000}^{(21)}m_{130}^{(00)}m_{104}^{(10)} + 2m_{000}^{(21)}m_{130}^{(10)}m_{302}^{(22)} - 4m_{000}^{(21)}m_{130}^{(10)}m_{203}^{(20)}\\
&+2m_{000}^{(21)}m_{130}^{(10)}m_{104}^{(00)} + 2m_{000}^{(21)}m_{130}^{(20)}m_{311}^{(22)} - 4m_{000}^{(21)}m_{130}^{(20)}m_{302}^{(21)} + 4m_{000}^{(21)}m_{130}^{(20)}m_{203}^{(10)}\\
&-2m_{000}^{(21)}m_{130}^{(20)}m_{113}^{(00)} - 2m_{000}^{(21)}m_{130}^{(21)}m_{401}^{(22)} + 4m_{000}^{(21)}m_{130}^{(21)}m_{302}^{(20)} - 2m_{000}^{(21)}m_{130}^{(21)}m_{203}^{(00)}\\
&+2m_{000}^{(21)}m_{130}^{(22)}m_{401}^{(21)} - 2m_{000}^{(21)}m_{130}^{(22)}m_{311}^{(20)} - 2m_{000}^{(21)}m_{130}^{(22)}m_{302}^{(10)} + 2m_{000}^{(21)}m_{130}^{(22)}m_{212}^{(00)}\\
&-2m_{000}^{(21)}m_{121}^{(00)}m_{221}^{(22)} + 6m_{000}^{(21)}m_{121}^{(00)}m_{212}^{(21)} - 4m_{000}^{(21)}m_{121}^{(00)}m_{203}^{(11)} - 2m_{000}^{(21)}m_{121}^{(00)}m_{122}^{(20)}\\
&+2m_{000}^{(21)}m_{121}^{(00)}m_{113}^{(10)} - 2m_{000}^{(21)}m_{121}^{(10)}m_{311}^{(22)} + 4m_{000}^{(21)}m_{121}^{(10)}m_{212}^{(20)} - 2m_{000}^{(21)}m_{121}^{(10)}m_{113}^{(00)}
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$$+4m_{000}^{(21)}m_{121}^{(11)}m_{401}^{(22)}-8m_{000}^{(21)}m_{121}^{(11)}m_{302}^{(20)}+4m_{000}^{(21)}m_{121}^{(11)}m_{203}^{(00)}+6m_{000}^{(21)}m_{121}^{(20)}m_{320}^{(22)}$$
$$-12m_{000}^{(21)}m_{121}^{(20)}m_{311}^{(21)}+8m_{000}^{(21)}m_{121}^{(20)}m_{302}^{(11)}-4m_{000}^{(21)}m_{121}^{(20)}m_{212}^{(10)}+2m_{000}^{(21)}m_{121}^{(20)}m_{122}^{(00)}$$
$$-6m_{000}^{(21)}m_{121}^{(21)}m_{410}^{(22)}+12m_{000}^{(21)}m_{121}^{(21)}m_{311}^{(20)}-6m_{000}^{(21)}m_{121}^{(21)}m_{212}^{(00)}+6m_{000}^{(21)}m_{121}^{(22)}m_{410}^{(21)}$$
$$-4m_{000}^{(21)}m_{121}^{(22)}m_{401}^{(11)}-6m_{000}^{(21)}m_{121}^{(22)}m_{320}^{(20)}+2m_{000}^{(21)}m_{121}^{(22)}m_{311}^{(10)}+2m_{000}^{(21)}m_{121}^{(22)}m_{221}^{(00)}$$
$$+4m_{000}^{(21)}m_{112}^{(00)}m_{230}^{(22)}-6m_{000}^{(21)}m_{112}^{(00)}m_{221}^{(21)}+2m_{000}^{(21)}m_{112}^{(00)}m_{212}^{(11)}-2m_{000}^{(21)}m_{112}^{(00)}m_{131}^{(20)}$$
$$+2m_{000}^{(21)}m_{112}^{(00)}m_{122}^{(10)}-8m_{000}^{(21)}m_{112}^{(10)}m_{320}^{(22)}+12m_{000}^{(21)}m_{112}^{(10)}m_{311}^{(21)}-6m_{000}^{(21)}m_{112}^{(10)}m_{302}^{(11)}$$
$$+4m_{000}^{(21)}m_{112}^{(10)}m_{221}^{(20)}-2m_{000}^{(21)}m_{112}^{(10)}m_{122}^{(00)}+4m_{000}^{(21)}m_{112}^{(11)}m_{410}^{(22)}-6m_{000}^{(21)}m_{112}^{(11)}m_{401}^{(21)}$$
$$-2m_{000}^{(21)}m_{112}^{(11)}m_{311}^{(20)}+6m_{000}^{(21)}m_{112}^{(11)}m_{302}^{(10)}-2m_{000}^{(21)}m_{112}^{(11)}m_{212}^{(00)}+2m_{000}^{(21)}m_{112}^{(20)}m_{311}^{(11)}$$
$$-4m_{000}^{(21)}m_{112}^{(20)}m_{221}^{(10)}+2m_{000}^{(21)}m_{112}^{(20)}m_{131}^{(00)}+6m_{000}^{(21)}m_{112}^{(21)}m_{401}^{(11)}-12m_{000}^{(21)}m_{112}^{(21)}m_{311}^{(10)}$$
$$+6m_{000}^{(21)}m_{112}^{(21)}m_{221}^{(00)}-4m_{000}^{(21)}m_{112}^{(22)}m_{410}^{(11)}+8m_{000}^{(21)}m_{112}^{(22)}m_{320}^{(10)}-4m_{000}^{(21)}m_{112}^{(22)}m_{230}^{(00)}$$
$$-2m_{000}^{(21)}m_{103}^{(00)}m_{230}^{(21)}+2m_{000}^{(21)}m_{103}^{(00)}m_{221}^{(11)}+2m_{000}^{(21)}m_{103}^{(00)}m_{140}^{(20)}-2m_{000}^{(21)}m_{103}^{(00)}m_{131}^{(10)}$$
$$+4m_{000}^{(21)}m_{103}^{(10)}m_{320}^{(21)}-2m_{000}^{(21)}m_{103}^{(10)}m_{311}^{(11)}-4m_{000}^{(21)}m_{103}^{(10)}m_{230}^{(20)}+2m_{000}^{(21)}m_{103}^{(10)}m_{131}^{(00)}$$
$$-2m_{000}^{(21)}m_{103}^{(11)}m_{410}^{(21)}+2m_{000}^{(21)}m_{103}^{(11)}m_{320}^{(20)}+2m_{000}^{(21)}m_{103}^{(11)}m_{311}^{(10)}-2m_{000}^{(21)}m_{103}^{(11)}m_{221}^{(00)}$$
$$-2m_{000}^{(21)}m_{103}^{(20)}m_{320}^{(11)}+4m_{000}^{(21)}m_{103}^{(20)}m_{230}^{(10)}-2m_{000}^{(21)}m_{103}^{(20)}m_{140}^{(00)}+2m_{000}^{(21)}m_{103}^{(21)}m_{410}^{(11)}$$
$$-4m_{000}^{(21)}m_{103}^{(21)}m_{320}^{(10)}+2m_{000}^{(21)}m_{103}^{(21)}m_{230}^{(00)}+2m_{000}^{(21)}m_{031}^{(00)}m_{311}^{(22)}-2m_{000}^{(21)}m_{031}^{(00)}m_{302}^{(21)}$$
$$-2m_{000}^{(21)}m_{031}^{(00)}m_{212}^{(20)}+2m_{000}^{(21)}m_{031}^{(00)}m_{203}^{(10)}-2m_{000}^{(21)}m_{031}^{(10)}m_{401}^{(22)}+4m_{000}^{(21)}m_{031}^{(10)}m_{302}^{(20)}$$
$$-2m_{000}^{(21)}m_{031}^{(10)}m_{203}^{(00)}-2m_{000}^{(21)}m_{031}^{(20)}m_{410}^{(22)}+4m_{000}^{(21)}m_{031}^{(20)}m_{401}^{(21)}-4m_{000}^{(21)}m_{031}^{(20)}m_{302}^{(10)}$$
$$+2m_{000}^{(21)}m_{031}^{(20)}m_{212}^{(00)}+2m_{000}^{(21)}m_{031}^{(21)}m_{500}^{(22)}-4m_{000}^{(21)}m_{031}^{(21)}m_{401}^{(20)}+2m_{000}^{(21)}m_{031}^{(21)}m_{302}^{(00)}$$
$$-2m_{000}^{(21)}m_{031}^{(22)}m_{500}^{(21)}+2m_{000}^{(21)}m_{031}^{(22)}m_{410}^{(20)}+2m_{000}^{(21)}m_{031}^{(22)}m_{401}^{(10)}-2m_{000}^{(21)}m_{031}^{(22)}m_{311}^{(00)}$$
$$-2m_{000}^{(21)}m_{022}^{(00)}m_{320}^{(22)}+2m_{000}^{(21)}m_{022}^{(00)}m_{302}^{(11)}+4m_{000}^{(21)}m_{022}^{(00)}m_{221}^{(20)}-4m_{000}^{(21)}m_{022}^{(00)}m_{212}^{(10)}$$
$$+4m_{000}^{(21)}m_{022}^{(10)}m_{410}^{(22)}-8m_{000}^{(21)}m_{022}^{(10)}m_{311}^{(20)}+4m_{000}^{(21)}m_{022}^{(10)}m_{212}^{(00)}-2m_{000}^{(21)}m_{022}^{(11)}m_{500}^{(22)}$$
$$+4m_{000}^{(21)}m_{022}^{(11)}m_{401}^{(20)}-2m_{000}^{(21)}m_{022}^{(11)}m_{302}^{(00)}-4m_{000}^{(21)}m_{022}^{(20)}m_{401}^{(11)}+8m_{000}^{(21)}m_{022}^{(20)}m_{311}^{(10)}$$
$$-4m_{000}^{(21)}m_{022}^{(20)}m_{221}^{(00)}+2m_{000}^{(21)}m_{022}^{(22)}m_{500}^{(11)}-4m_{000}^{(21)}m_{022}^{(22)}m_{410}^{(10)}+2m_{000}^{(21)}m_{022}^{(22)}m_{320}^{(00)}$$
$$+2m_{000}^{(21)}m_{013}^{(00)}m_{320}^{(21)}-2m_{000}^{(21)}m_{013}^{(00)}m_{311}^{(11)}-2m_{000}^{(21)}m_{013}^{(00)}m_{230}^{(20)}+2m_{000}^{(21)}m_{013}^{(00)}m_{221}^{(10)}$$
$$-4m_{000}^{(21)}m_{013}^{(10)}m_{410}^{(21)}+2m_{000}^{(21)}m_{013}^{(10)}m_{401}^{(11)}+4m_{000}^{(21)}m_{013}^{(10)}m_{320}^{(20)}-2m_{000}^{(21)}m_{013}^{(10)}m_{221}^{(00)}$$
$$+2m_{000}^{(21)}m_{013}^{(11)}m_{500}^{(21)}-2m_{000}^{(21)}m_{013}^{(11)}m_{410}^{(20)}-2m_{000}^{(21)}m_{013}^{(11)}m_{401}^{(10)}+2m_{000}^{(21)}m_{013}^{(11)}m_{311}^{(00)}$$
$$+2m_{000}^{(21)}m_{013}^{(20)}m_{410}^{(11)}-4m_{000}^{(21)}m_{013}^{(20)}m_{320}^{(10)}+2m_{000}^{(21)}m_{013}^{(20)}m_{230}^{(00)}-2m_{000}^{(21)}m_{013}^{(21)}m_{500}^{(11)}$$
$$+4m_{000}^{(21)}m_{013}^{(21)}m_{410}^{(10)}-2m_{000}^{(21)}m_{013}^{(21)}m_{320}^{(00)}-m_{000}^{(22)}m_{400}^{(10)}m_{041}^{(22)}+2m_{000}^{(22)}m_{400}^{(10)}m_{032}^{(21)}$$
$$-m_{000}^{(22)}m_{400}^{(10)}m_{023}^{(11)}+m_{000}^{(22)}m_{400}^{(11)}m_{131}^{(22)}-m_{000}^{(22)}m_{400}^{(11)}m_{122}^{(21)}-m_{000}^{(22)}m_{400}^{(11)}m_{032}^{(20)}$$
$$+m_{000}^{(22)}m_{400}^{(11)}m_{023}^{(10)}+m_{000}^{(22)}m_{400}^{(20)}m_{050}^{(22)}-2m_{000}^{(22)}m_{400}^{(20)}m_{041}^{(21)}+m_{000}^{(22)}m_{400}^{(20)}m_{032}^{(11)}$$
$$-m_{000}^{(22)}m_{400}^{(21)}m_{140}^{(22)}+m_{000}^{(22)}m_{400}^{(21)}m_{122}^{(11)}+2m_{000}^{(22)}m_{400}^{(21)}m_{041}^{(20)}-2m_{000}^{(22)}m_{400}^{(21)}m_{032}^{(10)}$$
$$+m_{000}^{(22)}m_{400}^{(22)}m_{140}^{(21)}-m_{000}^{(22)}m_{400}^{(22)}m_{131}^{(11)}-m_{000}^{(22)}m_{400}^{(22)}m_{050}^{(20)}+m_{000}^{(22)}m_{400}^{(22)}m_{041}^{(10)}$$
$$+m_{000}^{(22)}m_{310}^{(00)}m_{041}^{(22)}-2m_{000}^{(22)}m_{310}^{(00)}m_{032}^{(21)}+m_{000}^{(22)}m_{310}^{(00)}m_{023}^{(11)}+2m_{000}^{(22)}m_{310}^{(10)}m_{131}^{(22)}$$
$$-4m_{000}^{(22)}m_{310}^{(10)}m_{122}^{(21)}+2m_{000}^{(22)}m_{310}^{(10)}m_{113}^{(11)}-3m_{000}^{(22)}m_{310}^{(11)}m_{221}^{(22)}+2m_{000}^{(22)}m_{310}^{(11)}m_{212}^{(21)}$$
$$+4m_{000}^{(22)}m_{310}^{(11)}m_{122}^{(20)}-2m_{000}^{(22)}m_{310}^{(11)}m_{113}^{(10)}-m_{000}^{(22)}m_{310}^{(11)}m_{023}^{(00)}-4m_{000}^{(22)}m_{310}^{(20)}m_{140}^{(22)}$$
$$+8m_{000}^{(22)}m_{310}^{(20)}m_{131}^{(21)}-4m_{000}^{(22)}m_{310}^{(20)}m_{122}^{(11)}+4m_{000}^{(22)}m_{310}^{(21)}m_{230}^{(22)}-2m_{000}^{(22)}m_{310}^{(21)}m_{212}^{(11)}$$
$$-8m_{000}^{(22)}m_{310}^{(21)}m_{131}^{(20)}+4m_{000}^{(22)}m_{310}^{(21)}m_{122}^{(10)}+2m_{000}^{(22)}m_{310}^{(21)}m_{032}^{(00)}-4m_{000}^{(22)}m_{310}^{(22)}m_{230}^{(21)}$$
$$+3m_{000}^{(22)}m_{310}^{(22)}m_{221}^{(11)}+4m_{000}^{(22)}m_{310}^{(22)}m_{140}^{(20)}-2m_{000}^{(22)}m_{310}^{(22)}m_{131}^{(10)}-m_{000}^{(22)}m_{310}^{(22)}m_{041}^{(00)}$$

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\begin{aligned}
&-m_{000}^{(22)}m_{301}^{(00)}m_{050}^{(22)}+2m_{000}^{(22)}m_{301}^{(00)}m_{041}^{(21)}-m_{000}^{(22)}m_{301}^{(00)}m_{032}^{(11)}+2m_{000}^{(22)}m_{301}^{(10)}m_{140}^{(22)}\\
&-4m_{000}^{(22)}m_{301}^{(10)}m_{131}^{(21)}+2m_{000}^{(22)}m_{301}^{(10)}m_{122}^{(11)}-m_{000}^{(22)}m_{301}^{(11)}m_{230}^{(22)}+2m_{000}^{(22)}m_{301}^{(11)}m_{221}^{(21)}\\
&-2m_{000}^{(22)}m_{301}^{(11)}m_{122}^{(10)}+m_{000}^{(22)}m_{301}^{(11)}m_{032}^{(00)}-2m_{000}^{(22)}m_{301}^{(21)}m_{221}^{(11)}+4m_{000}^{(22)}m_{301}^{(21)}m_{131}^{(10)}\\
&-2m_{000}^{(22)}m_{301}^{(21)}m_{041}^{(00)}+m_{000}^{(22)}m_{301}^{(22)}m_{230}^{(11)}-2m_{000}^{(22)}m_{301}^{(22)}m_{140}^{(10)}+m_{000}^{(22)}m_{301}^{(22)}m_{050}^{(00)}\\
&-3m_{000}^{(22)}m_{220}^{(00)}m_{131}^{(22)}+5m_{000}^{(22)}m_{220}^{(00)}m_{122}^{(21)}-2m_{000}^{(22)}m_{220}^{(00)}m_{113}^{(11)}+m_{000}^{(22)}m_{220}^{(00)}m_{032}^{(20)}\\
&-m_{000}^{(22)}m_{220}^{(00)}m_{023}^{(10)}+2m_{000}^{(22)}m_{220}^{(10)}m_{212}^{(21)}-m_{000}^{(22)}m_{220}^{(10)}m_{203}^{(11)}-2m_{000}^{(22)}m_{220}^{(10)}m_{122}^{(20)}\\
&+m_{000}^{(22)}m_{220}^{(10)}m_{023}^{(00)}+3m_{000}^{(22)}m_{220}^{(11)}m_{311}^{(22)}-m_{000}^{(22)}m_{220}^{(11)}m_{302}^{(21)}-5m_{000}^{(22)}m_{220}^{(11)}m_{212}^{(20)}\\
&+m_{000}^{(22)}m_{220}^{(11)}m_{203}^{(10)}+2m_{000}^{(22)}m_{220}^{(11)}m_{113}^{(00)}+6m_{000}^{(22)}m_{220}^{(20)}m_{230}^{(22)}-12m_{000}^{(22)}m_{220}^{(20)}m_{221}^{(21)}\\
&+5m_{000}^{(22)}m_{220}^{(20)}m_{212}^{(11)}+2m_{000}^{(22)}m_{220}^{(20)}m_{122}^{(10)}-m_{000}^{(22)}m_{220}^{(20)}m_{032}^{(00)}-6m_{000}^{(22)}m_{220}^{(21)}m_{320}^{(22)}\\
&+m_{000}^{(22)}m_{220}^{(21)}m_{302}^{(11)}+12m_{000}^{(22)}m_{220}^{(21)}m_{221}^{(20)}-2m_{000}^{(22)}m_{220}^{(21)}m_{212}^{(10)}-5m_{000}^{(22)}m_{220}^{(21)}m_{122}^{(00)}\\
&+6m_{000}^{(22)}m_{220}^{(22)}m_{320}^{(21)}-3m_{000}^{(22)}m_{220}^{(22)}m_{311}^{(11)}-6m_{000}^{(22)}m_{220}^{(22)}m_{230}^{(20)}+3m_{000}^{(22)}m_{220}^{(22)}m_{131}^{(00)}\\
&+3m_{000}^{(22)}m_{211}^{(00)}m_{140}^{(22)}-4m_{000}^{(22)}m_{211}^{(00)}m_{131}^{(21)}+m_{000}^{(22)}m_{211}^{(00)}m_{122}^{(11)}-2m_{000}^{(22)}m_{211}^{(00)}m_{041}^{(20)}\\
&+2m_{000}^{(22)}m_{211}^{(00)}m_{032}^{(10)}-6m_{000}^{(22)}m_{211}^{(10)}m_{230}^{(22)}+8m_{000}^{(22)}m_{211}^{(10)}m_{221}^{(21)}-4m_{000}^{(22)}m_{211}^{(10)}m_{212}^{(11)}\\
&+4m_{000}^{(22)}m_{211}^{(10)}m_{131}^{(20)}-2m_{000}^{(22)}m_{211}^{(10)}m_{032}^{(00)}+3m_{000}^{(22)}m_{211}^{(11)}m_{320}^{(22)}-4m_{000}^{(22)}m_{211}^{(11)}m_{311}^{(21)}\\
&-2m_{000}^{(22)}m_{211}^{(11)}m_{221}^{(20)}+4m_{000}^{(22)}m_{211}^{(11)}m_{212}^{(10)}-m_{000}^{(22)}m_{211}^{(11)}m_{122}^{(00)}+2m_{000}^{(22)}m_{211}^{(20)}m_{221}^{(11)}\\
&-4m_{000}^{(22)}m_{211}^{(20)}m_{131}^{(10)}+2m_{000}^{(22)}m_{211}^{(20)}m_{041}^{(00)}+4m_{000}^{(22)}m_{211}^{(21)}m_{311}^{(11)}-8m_{000}^{(22)}m_{211}^{(21)}m_{221}^{(10)}\\
&+4m_{000}^{(22)}m_{211}^{(21)}m_{131}^{(00)}-3m_{000}^{(22)}m_{211}^{(22)}m_{320}^{(11)}+6m_{000}^{(22)}m_{211}^{(22)}m_{230}^{(10)}-3m_{000}^{(22)}m_{211}^{(22)}m_{140}^{(00)}\\
&-m_{000}^{(22)}m_{202}^{(00)}m_{140}^{(21)}+m_{000}^{(22)}m_{202}^{(00)}m_{131}^{(11)}+m_{000}^{(22)}m_{202}^{(00)}m_{050}^{(20)}-m_{000}^{(22)}m_{202}^{(00)}m_{041}^{(10)}\\
&+2m_{000}^{(22)}m_{202}^{(10)}m_{230}^{(21)}-m_{000}^{(22)}m_{202}^{(10)}m_{221}^{(11)}-2m_{000}^{(22)}m_{202}^{(10)}m_{140}^{(20)}+m_{000}^{(22)}m_{202}^{(10)}m_{041}^{(00)}\\
&-m_{000}^{(22)}m_{202}^{(11)}m_{320}^{(21)}+m_{000}^{(22)}m_{202}^{(11)}m_{230}^{(20)}+m_{000}^{(22)}m_{202}^{(11)}m_{221}^{(10)}-m_{000}^{(22)}m_{202}^{(11)}m_{131}^{(00)}\\
&-m_{000}^{(22)}m_{202}^{(20)}m_{230}^{(11)}+2m_{000}^{(22)}m_{202}^{(20)}m_{140}^{(10)}-m_{000}^{(22)}m_{202}^{(20)}m_{050}^{(00)}+m_{000}^{(22)}m_{202}^{(21)}m_{320}^{(11)}\\
&-2m_{000}^{(22)}m_{202}^{(21)}m_{230}^{(10)}+m_{000}^{(22)}m_{202}^{(21)}m_{140}^{(00)}+3m_{000}^{(22)}m_{130}^{(00)}m_{221}^{(22)}-4m_{000}^{(22)}m_{130}^{(00)}m_{212}^{(21)}\\
&+m_{000}^{(22)}m_{130}^{(00)}m_{203}^{(11)}-2m_{000}^{(22)}m_{130}^{(00)}m_{122}^{(20)}+2m_{000}^{(22)}m_{130}^{(00)}m_{113}^{(10)}-2m_{000}^{(22)}m_{130}^{(10)}m_{311}^{(22)}\\
&+4m_{000}^{(22)}m_{130}^{(10)}m_{212}^{(20)}-2m_{000}^{(22)}m_{130}^{(10)}m_{113}^{(00)}-m_{000}^{(22)}m_{130}^{(11)}m_{401}^{(22)}+2m_{000}^{(22)}m_{130}^{(11)}m_{302}^{(20)}\\
&-m_{000}^{(22)}m_{130}^{(11)}m_{203}^{(00)}-4m_{000}^{(22)}m_{130}^{(20)}m_{320}^{(22)}+8m_{000}^{(22)}m_{130}^{(20)}m_{311}^{(21)}-2m_{000}^{(22)}m_{130}^{(20)}m_{302}^{(11)}\\
&-4m_{000}^{(22)}m_{130}^{(20)}m_{212}^{(10)}+2m_{000}^{(22)}m_{130}^{(20)}m_{122}^{(00)}+4m_{000}^{(22)}m_{130}^{(21)}m_{410}^{(22)}-8m_{000}^{(22)}m_{130}^{(21)}m_{311}^{(20)}\\
&+4m_{000}^{(22)}m_{130}^{(21)}m_{212}^{(00)}-4m_{000}^{(22)}m_{130}^{(22)}m_{410}^{(21)}+m_{000}^{(22)}m_{130}^{(22)}m_{401}^{(11)}+4m_{000}^{(22)}m_{130}^{(22)}m_{320}^{(20)}\\
&+2m_{000}^{(22)}m_{130}^{(22)}m_{311}^{(10)}-3m_{000}^{(22)}m_{130}^{(22)}m_{221}^{(00)}-3m_{000}^{(22)}m_{121}^{(00)}m_{230}^{(22)}+2m_{000}^{(22)}m_{121}^{(00)}m_{221}^{(21)}\\
&+m_{000}^{(22)}m_{121}^{(00)}m_{212}^{(11)}+4m_{000}^{(22)}m_{121}^{(00)}m_{131}^{(20)}-4m_{000}^{(22)}m_{121}^{(00)}m_{122}^{(10)}+6m_{000}^{(22)}m_{121}^{(10)}m_{320}^{(22)}\\
&-4m_{000}^{(22)}m_{121}^{(10)}m_{311}^{(21)}+2m_{000}^{(22)}m_{121}^{(10)}m_{302}^{(11)}-8m_{000}^{(22)}m_{121}^{(10)}m_{221}^{(20)}+4m_{000}^{(22)}m_{121}^{(10)}m_{122}^{(00)}\\
&-3m_{000}^{(22)}m_{121}^{(11)}m_{410}^{(22)}+2m_{000}^{(22)}m_{121}^{(11)}m_{401}^{(21)}+4m_{000}^{(22)}m_{121}^{(11)}m_{311}^{(20)}-2m_{000}^{(22)}m_{121}^{(11)}m_{302}^{(10)}\\
&-m_{000}^{(22)}m_{121}^{(11)}m_{212}^{(00)}-4m_{000}^{(22)}m_{121}^{(20)}m_{311}^{(11)}+8m_{000}^{(22)}m_{121}^{(20)}m_{221}^{(10)}-4m_{000}^{(22)}m_{121}^{(20)}m_{131}^{(00)}\\
&-2m_{000}^{(22)}m_{121}^{(21)}m_{401}^{(11)}+4m_{000}^{(22)}m_{121}^{(21)}m_{311}^{(10)}-2m_{000}^{(22)}m_{121}^{(21)}m_{221}^{(00)}+3m_{000}^{(22)}m_{121}^{(22)}m_{410}^{(11)}\\
&-6m_{000}^{(22)}m_{121}^{(22)}m_{320}^{(10)}+3m_{000}^{(22)}m_{121}^{(22)}m_{230}^{(00)}+2m_{000}^{(22)}m_{112}^{(00)}m_{230}^{(21)}-2m_{000}^{(22)}m_{112}^{(00)}m_{221}^{(11)}\\
&-2m_{000}^{(22)}m_{112}^{(00)}m_{140}^{(20)}+2m_{000}^{(22)}m_{112}^{(00)}m_{131}^{(10)}-4m_{000}^{(22)}m_{112}^{(10)}m_{320}^{(21)}+2m_{000}^{(22)}m_{112}^{(10)}m_{311}^{(11)}\\
&+4m_{000}^{(22)}m_{112}^{(10)}m_{230}^{(20)}-2m_{000}^{(22)}m_{112}^{(10)}m_{131}^{(00)}+2m_{000}^{(22)}m_{112}^{(11)}m_{410}^{(21)}-2m_{000}^{(22)}m_{112}^{(11)}m_{320}^{(20)}\\
&-2m_{000}^{(22)}m_{112}^{(11)}m_{311}^{(10)}+2m_{000}^{(22)}m_{112}^{(11)}m_{221}^{(00)}+2m_{000}^{(22)}m_{112}^{(20)}m_{320}^{(11)}-4m_{000}^{(22)}m_{112}^{(20)}m_{230}^{(10)}\\
&+2m_{000}^{(22)}m_{112}^{(20)}m_{140}^{(00)}-2m_{000}^{(22)}m_{112}^{(21)}m_{410}^{(11)}+4m_{000}^{(22)}m_{112}^{(21)}m_{320}^{(10)}-2m_{000}^{(22)}m_{112}^{(21)}m_{230}^{(00)}
\end{aligned}
$$

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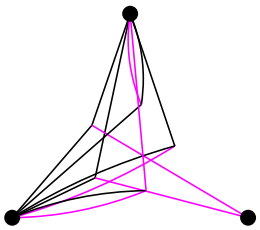
\begin{aligned}
&-m_{000}^{(22)}m_{040}^{(00)}m_{311}^{(22)}+m_{000}^{(22)}m_{040}^{(00)}m_{302}^{(21)}+m_{000}^{(22)}m_{040}^{(00)}m_{212}^{(20)}-m_{000}^{(22)}m_{040}^{(00)}m_{203}^{(10)}\\
&+m_{000}^{(22)}m_{040}^{(10)}m_{401}^{(22)}-2m_{000}^{(22)}m_{040}^{(10)}m_{302}^{(20)}+m_{000}^{(22)}m_{040}^{(10)}m_{203}^{(00)}+m_{000}^{(22)}m_{040}^{(20)}m_{410}^{(22)}\\
&-2m_{000}^{(22)}m_{040}^{(20)}m_{401}^{(21)}+2m_{000}^{(22)}m_{040}^{(20)}m_{302}^{(10)}-m_{000}^{(22)}m_{040}^{(20)}m_{212}^{(00)}-m_{000}^{(22)}m_{040}^{(21)}m_{500}^{(22)}\\
&+2m_{000}^{(22)}m_{040}^{(21)}m_{401}^{(20)}-m_{000}^{(22)}m_{040}^{(21)}m_{302}^{(00)}+m_{000}^{(22)}m_{040}^{(22)}m_{500}^{(21)}-m_{000}^{(22)}m_{040}^{(22)}m_{410}^{(20)}\\
&-m_{000}^{(22)}m_{040}^{(22)}m_{401}^{(10)}+m_{000}^{(22)}m_{040}^{(22)}m_{311}^{(00)}+m_{000}^{(22)}m_{031}^{(00)}m_{320}^{(22)}-m_{000}^{(22)}m_{031}^{(00)}m_{302}^{(11)}\\
&-2m_{000}^{(22)}m_{031}^{(00)}m_{221}^{(20)}+2m_{000}^{(22)}m_{031}^{(00)}m_{212}^{(10)}-2m_{000}^{(22)}m_{031}^{(10)}m_{410}^{(22)}+4m_{000}^{(22)}m_{031}^{(10)}m_{311}^{(20)}\\
&-2m_{000}^{(22)}m_{031}^{(10)}m_{212}^{(00)}+m_{000}^{(22)}m_{031}^{(11)}m_{500}^{(22)}-2m_{000}^{(22)}m_{031}^{(11)}m_{401}^{(20)}+m_{000}^{(22)}m_{031}^{(11)}m_{302}^{(00)}\\
&+2m_{000}^{(22)}m_{031}^{(20)}m_{401}^{(11)}-4m_{000}^{(22)}m_{031}^{(20)}m_{311}^{(10)}+2m_{000}^{(22)}m_{031}^{(20)}m_{221}^{(00)}-m_{000}^{(22)}m_{031}^{(22)}m_{500}^{(11)}\\
&+2m_{000}^{(22)}m_{031}^{(22)}m_{410}^{(10)}-m_{000}^{(22)}m_{031}^{(22)}m_{320}^{(00)}-m_{000}^{(22)}m_{022}^{(00)}m_{320}^{(21)}+m_{000}^{(22)}m_{022}^{(00)}m_{311}^{(11)}\\
&+m_{000}^{(22)}m_{022}^{(00)}m_{230}^{(20)}-m_{000}^{(22)}m_{022}^{(00)}m_{221}^{(10)}+2m_{000}^{(22)}m_{022}^{(10)}m_{410}^{(21)}-m_{000}^{(22)}m_{022}^{(10)}m_{401}^{(11)}\\
&-2m_{000}^{(22)}m_{022}^{(10)}m_{320}^{(20)}+m_{000}^{(22)}m_{022}^{(10)}m_{221}^{(00)}-m_{000}^{(22)}m_{022}^{(11)}m_{500}^{(21)}+m_{000}^{(22)}m_{022}^{(11)}m_{410}^{(20)}\\
&+m_{000}^{(22)}m_{022}^{(11)}m_{401}^{(10)}-m_{000}^{(22)}m_{022}^{(11)}m_{311}^{(00)}-m_{000}^{(22)}m_{022}^{(20)}m_{410}^{(11)}+2m_{000}^{(22)}m_{022}^{(20)}m_{320}^{(10)}\\
&-m_{000}^{(22)}m_{022}^{(20)}m_{230}^{(00)}+m_{000}^{(22)}m_{022}^{(21)}m_{500}^{(11)}-2m_{000}^{(22)}m_{022}^{(21)}m_{410}^{(10)}+m_{000}^{(22)}m_{022}^{(21)}m_{320}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{ccccc}
V1 & V1 & 1 & 1 & 1\\
1 & 1 & V2 & 2 & 2\\
V2 & 2 & 2 & V3 & V3
\end{array}
$$



$$
\begin{aligned}
T_{184} \;=\;& m_{000}^{(00)}m_{100}^{(00)}m_{010}^{(11)}m_{023}^{(22)}-2m_{000}^{(00)}m_{100}^{(00)}m_{010}^{(11)}m_{014}^{(21)}+m_{000}^{(00)}m_{100}^{(00)}m_{010}^{(11)}m_{005}^{(11)}\\
&-2m_{000}^{(00)}m_{100}^{(00)}m_{010}^{(21)}m_{032}^{(22)}+4m_{000}^{(00)}m_{100}^{(00)}m_{010}^{(21)}m_{023}^{(21)}-2m_{000}^{(00)}m_{100}^{(00)}m_{010}^{(21)}m_{014}^{(11)}\\
&+m_{000}^{(00)}m_{100}^{(00)}m_{010}^{(22)}m_{041}^{(22)}-2m_{000}^{(00)}m_{100}^{(00)}m_{010}^{(22)}m_{032}^{(21)}+m_{000}^{(00)}m_{100}^{(00)}m_{010}^{(22)}m_{023}^{(11)}\\
&-m_{000}^{(00)}m_{100}^{(00)}m_{001}^{(11)}m_{032}^{(22)}+2m_{000}^{(00)}m_{100}^{(00)}m_{001}^{(11)}m_{023}^{(21)}-m_{000}^{(00)}m_{100}^{(00)}m_{001}^{(11)}m_{014}^{(11)}\\
&+2m_{000}^{(00)}m_{100}^{(00)}m_{001}^{(21)}m_{041}^{(22)}-4m_{000}^{(00)}m_{100}^{(00)}m_{001}^{(21)}m_{032}^{(21)}+2m_{000}^{(00)}m_{100}^{(00)}m_{001}^{(21)}m_{023}^{(11)}\\
&-m_{000}^{(00)}m_{100}^{(00)}m_{001}^{(22)}m_{050}^{(22)}+2m_{000}^{(00)}m_{100}^{(00)}m_{001}^{(22)}m_{041}^{(21)}-m_{000}^{(00)}m_{100}^{(00)}m_{001}^{(22)}m_{032}^{(11)}\\
&-2m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(11)}m_{113}^{(22)}+2m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(11)}m_{104}^{(21)}+2m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(11)}m_{014}^{(20)}\\
&-2m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(11)}m_{005}^{(10)}+4m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(21)}m_{122}^{(22)}-4m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(21)}m_{113}^{(21)}\\
&-4m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(21)}m_{023}^{(20)}+4m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(21)}m_{014}^{(10)}-2m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(22)}m_{131}^{(22)}\\
&+2m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(22)}m_{122}^{(21)}+2m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(22)}m_{032}^{(20)}-2m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(22)}m_{023}^{(10)}
\end{aligned}
$$

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\begin{aligned}
&+2m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(11)}m_{122}^{(22)} - 2m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(11)}m_{113}^{(21)} - 2m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(11)}m_{023}^{(20)}\\
&+2m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(11)}m_{014}^{(10)} - 4m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(21)}m_{131}^{(22)} + 4m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(21)}m_{122}^{(21)}\\
&+4m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(21)}m_{032}^{(20)} - 4m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(21)}m_{023}^{(10)} + 2m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(22)}m_{140}^{(22)}\\
&-2m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(22)}m_{131}^{(21)} - 2m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(22)}m_{041}^{(20)} + 2m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(22)}m_{032}^{(10)}\\
&-m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(00)}m_{023}^{(22)} + 2m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(00)}m_{014}^{(21)} - m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(00)}m_{005}^{(11)}\\
&+2m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(10)}m_{113}^{(22)} - 2m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(10)}m_{104}^{(21)} - 2m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(10)}m_{014}^{(20)}\\
&+2m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(10)}m_{005}^{(10)} - 2m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(20)}m_{113}^{(21)} + 2m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(20)}m_{104}^{(11)}\\
&+2m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(20)}m_{023}^{(20)} - 2m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(20)}m_{014}^{(10)} - 2m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(21)}m_{212}^{(22)}\\
&+2m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(21)}m_{203}^{(21)} + 2m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(21)}m_{113}^{(20)} - 2m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(21)}m_{104}^{(10)}\\
&+m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(22)}m_{221}^{(22)} - m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(22)}m_{203}^{(11)} - 2m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(22)}m_{122}^{(20)}\\
&+2m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(22)}m_{113}^{(10)} + m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(00)}m_{032}^{(22)} - 2m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(00)}m_{023}^{(21)}\\
&+m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(00)}m_{014}^{(11)} - 2m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(10)}m_{122}^{(22)} + 2m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(10)}m_{113}^{(21)}\\
&+2m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(10)}m_{023}^{(20)} - 2m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(10)}m_{014}^{(10)} + 2m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(20)}m_{122}^{(21)}\\
&-2m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(20)}m_{113}^{(11)} - 2m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(20)}m_{032}^{(20)} + 2m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(20)}m_{023}^{(10)}\\
&+2m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(21)}m_{221}^{(22)} - 2m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(21)}m_{212}^{(21)} - 2m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(21)}m_{122}^{(20)}\\
&+2m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(21)}m_{113}^{(10)} - m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(22)}m_{230}^{(22)} + m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(22)}m_{212}^{(11)}\\
&+2m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(22)}m_{131}^{(20)} - 2m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(22)}m_{122}^{(10)} + 2m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(11)}m_{113}^{(21)}\\
&-2m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(11)}m_{104}^{(11)} - 2m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(11)}m_{023}^{(20)} + 2m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(11)}m_{014}^{(10)}\\
&-4m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(21)}m_{122}^{(21)} + 4m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(21)}m_{113}^{(11)} + 4m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(21)}m_{032}^{(20)}\\
&-4m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(21)}m_{023}^{(10)} + 2m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(22)}m_{131}^{(21)} - 2m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(22)}m_{122}^{(11)}\\
&-2m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(22)}m_{041}^{(20)} + 2m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(22)}m_{032}^{(10)} - 2m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(11)}m_{122}^{(21)}\\
&+2m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(11)}m_{113}^{(11)} + 2m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(11)}m_{032}^{(20)} - 2m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(11)}m_{023}^{(10)}\\
&+4m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(21)}m_{131}^{(21)} - 4m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(21)}m_{122}^{(11)} - 4m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(21)}m_{041}^{(20)}\\
&+4m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(21)}m_{032}^{(10)} - 2m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(22)}m_{140}^{(21)} + 2m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(22)}m_{131}^{(11)}\\
&+2m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(22)}m_{050}^{(20)} - 2m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(22)}m_{041}^{(10)} + 2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(00)}m_{032}^{(22)}\\
&-4m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(00)}m_{023}^{(21)} + 2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(00)}m_{014}^{(11)} - 4m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(10)}m_{122}^{(22)}\\
&+4m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(10)}m_{113}^{(21)} + 4m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(10)}m_{023}^{(20)} - 4m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(10)}m_{014}^{(10)}\\
&+2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(11)}m_{212}^{(22)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(11)}m_{203}^{(21)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(11)}m_{113}^{(20)}\\
&+2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(11)}m_{104}^{(10)} + 4m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(20)}m_{122}^{(21)} - 4m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(20)}m_{113}^{(11)}\\
&-4m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(20)}m_{032}^{(20)} + 4m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(20)}m_{023}^{(10)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(22)}m_{221}^{(21)}\\
&+2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(22)}m_{212}^{(11)} + 2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(22)}m_{131}^{(20)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(22)}m_{122}^{(10)}\\
&-2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(00)}m_{041}^{(22)} + 4m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(00)}m_{032}^{(21)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(00)}m_{023}^{(11)}\\
&+4m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(10)}m_{131}^{(22)} - 4m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(10)}m_{122}^{(21)} - 4m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(10)}m_{032}^{(20)}\\
&+4m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(10)}m_{023}^{(10)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(11)}m_{221}^{(22)} + 2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(11)}m_{212}^{(21)}\\
&+2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(11)}m_{122}^{(20)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(11)}m_{113}^{(10)} - 4m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(20)}m_{131}^{(21)}\\
&+4m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(20)}m_{122}^{(11)} + 4m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(20)}m_{041}^{(20)} - 4m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(20)}m_{032}^{(10)}\\
&+2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(21)}m_{230}^{(22)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(21)}m_{221}^{(11)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(22)}m_{140}^{(20)}\\
&+2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(22)}m_{131}^{(10)} - m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(00)}m_{041}^{(22)} + 2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(00)}m_{032}^{(21)}
\end{aligned}
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\begin{aligned}
&-m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(00)}m_{023}^{(11)}+2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(10)}m_{131}^{(22)}-2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(10)}m_{122}^{(21)}\\
&-2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(10)}m_{032}^{(20)}+2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(10)}m_{023}^{(10)}-m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{221}^{(22)}\\
&+m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{203}^{(11)}+2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{122}^{(20)}-2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{113}^{(10)}\\
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&-4m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{230}^{(21)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{221}^{(11)} + 4m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{140}^{(20)}\\
&-2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{041}^{(00)} + 4m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{320}^{(21)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{311}^{(11)}\\
&-4m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{230}^{(20)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{131}^{(00)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(10)}m_{122}^{(22)}\\
&+4m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(10)}m_{113}^{(21)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(10)}m_{104}^{(11)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{131}^{(22)}\\
&-4m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{122}^{(21)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{113}^{(11)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{221}^{(22)}\\
&-4m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{212}^{(21)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{203}^{(11)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{230}^{(22)}\\
&+4m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{221}^{(21)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{212}^{(11)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{122}^{(22)}\\
&-4m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{113}^{(21)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{104}^{(11)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(11)}m_{302}^{(22)}\\
&-4m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(11)}m_{203}^{(20)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(11)}m_{104}^{(00)} - 4m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{221}^{(22)}\\
&+8m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{212}^{(21)} - 4m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{203}^{(11)} - 4m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(21)}m_{311}^{(22)}\\
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&+2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{122}^{(00)} - 2m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(10)}m_{302}^{(22)} + 4m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(10)}m_{203}^{(20)}\\
&-2m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(10)}m_{104}^{(00)} + 2m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{311}^{(22)} - 4m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{212}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{113}^{(00)} + 2m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(21)}m_{401}^{(22)} - 4m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(21)}m_{302}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(21)}m_{203}^{(00)} - 2m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(22)}m_{410}^{(22)} + 4m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(22)}m_{311}^{(20)}\\
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&-2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{113}^{(11)} + 4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{221}^{(22)} - 8m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{212}^{(21)}\\
&+4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{203}^{(11)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{311}^{(22)} + 4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{212}^{(20)}\\
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&-8m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{221}^{(20)} + 4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{122}^{(00)} - 4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{320}^{(21)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{311}^{(11)} + 4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{230}^{(20)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{131}^{(00)}\\
&-2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{221}^{(22)} + 4m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{212}^{(21)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{203}^{(11)}\\
&+4m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{311}^{(22)} - 8m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{212}^{(20)} + 4m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{113}^{(00)}\\
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&+2m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(20)}m_{023}^{(20)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(20)}m_{014}^{(10)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(21)}m_{203}^{(21)}\\
&-2m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(21)}m_{113}^{(20)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(21)}m_{104}^{(10)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(21)}m_{014}^{(00)}\\
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&+2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(10)}m_{023}^{(20)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(10)}m_{014}^{(10)} + m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(11)}m_{212}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(11)}m_{113}^{(20)} + m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(11)}m_{014}^{(00)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(20)}m_{131}^{(22)}\\
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&-2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(21)}m_{212}^{(21)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(21)}m_{122}^{(20)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(21)}m_{113}^{(10)}\\
&-2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(21)}m_{023}^{(00)} - m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(22)}m_{230}^{(22)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(22)}m_{221}^{(21)}\\
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&+2m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(00)}m_{104}^{(21)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(00)}m_{014}^{(20)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(00)}m_{005}^{(10)}\\
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&+4m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(20)}m_{104}^{(10)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(22)}m_{311}^{(22)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(22)}m_{302}^{(21)}
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&+2m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(22)}m_{212}^{(20)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{203}^{(10)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(00)}m_{122}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(00)}m_{113}^{(21)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(00)}m_{023}^{(20)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(00)}m_{014}^{(10)}\\
&-4m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{221}^{(22)} + 4m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{212}^{(21)} + 4m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{122}^{(20)}\\
&-4m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{113}^{(10)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(22)}m_{320}^{(22)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(22)}m_{311}^{(21)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(22)}m_{221}^{(20)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(22)}m_{212}^{(10)} + m_{000}^{(11)}m_{100}^{(11)}m_{010}^{(00)}m_{203}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(11)}m_{010}^{(00)}m_{104}^{(20)} + m_{000}^{(11)}m_{100}^{(11)}m_{010}^{(00)}m_{005}^{(00)} - 2m_{000}^{(11)}m_{100}^{(11)}m_{010}^{(20)}m_{302}^{(22)}\\
&+4m_{000}^{(11)}m_{100}^{(11)}m_{010}^{(20)}m_{203}^{(20)} - 2m_{000}^{(11)}m_{100}^{(11)}m_{010}^{(20)}m_{104}^{(00)} + m_{000}^{(11)}m_{100}^{(11)}m_{010}^{(22)}m_{401}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(11)}m_{010}^{(22)}m_{302}^{(20)} + m_{000}^{(11)}m_{100}^{(11)}m_{010}^{(22)}m_{203}^{(00)} - m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(00)}m_{212}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(00)}m_{113}^{(20)} - m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(00)}m_{014}^{(00)} + 2m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(20)}m_{311}^{(22)}\\
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&+2m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(22)}m_{311}^{(20)} - m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(22)}m_{212}^{(00)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(00)}m_{122}^{(22)}\\
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&-4m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{104}^{(10)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(11)}m_{302}^{(22)} - 4m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(11)}m_{203}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(11)}m_{104}^{(00)} - 4m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{302}^{(21)} + 4m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{212}^{(20)}\\
&+4m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{203}^{(10)} - 4m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{113}^{(00)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{311}^{(21)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{221}^{(20)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{212}^{(10)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{122}^{(00)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(00)}m_{131}^{(22)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(00)}m_{122}^{(21)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(00)}m_{032}^{(20)}\\
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&-4m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{122}^{(20)} + 4m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{113}^{(10)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{311}^{(22)}\\
&+4m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{212}^{(20)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{113}^{(00)} + 4m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{311}^{(21)}\\
&-4m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{221}^{(20)} - 4m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{212}^{(10)} + 4m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{122}^{(00)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{320}^{(21)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{230}^{(20)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{221}^{(10)}\\
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&+2m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(00)}m_{104}^{(10)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(00)}m_{014}^{(00)} + 4m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{302}^{(21)}\\
&-4m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{212}^{(20)} - 4m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{203}^{(10)} + 4m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{113}^{(00)}\\
&-2m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(22)}m_{401}^{(21)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(22)}m_{311}^{(20)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(22)}m_{302}^{(10)}\\
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&+4m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{221}^{(20)} + 4m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{212}^{(10)} - 4m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{122}^{(00)}\\
&+2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{410}^{(21)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{320}^{(20)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{311}^{(10)}\\
&+2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{221}^{(00)} - m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{221}^{(22)} + 2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{212}^{(21)}\\
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&-2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{311}^{(21)} + 2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{221}^{(20)} + 2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{212}^{(10)}\\
&-2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{122}^{(00)} + 2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{401}^{(21)} - 2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{311}^{(20)}\\
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&-2m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(00)}m_{221}^{(21)} + 2m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(00)}m_{122}^{(10)} - m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(00)}m_{032}^{(00)}\\
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&+m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(11)}m_{212}^{(00)} + 2m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(20)}m_{320}^{(21)} - 2m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(20)}m_{230}^{(20)}\\
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&+2m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(21)}m_{320}^{(20)} + 2m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(21)}m_{311}^{(10)} - 2m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(21)}m_{221}^{(00)}\\
&+2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(10)}m_{212}^{(22)} - 2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(10)}m_{203}^{(21)} - 2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(10)}m_{113}^{(20)}\\
&+2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(10)}m_{104}^{(10)} - m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(11)}m_{302}^{(22)} + 2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(11)}m_{203}^{(20)}\\
&-m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(11)}m_{104}^{(00)} - 2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{221}^{(22)} + 2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{212}^{(21)}\\
&+2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{122}^{(20)} - 2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{113}^{(10)} + 2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(21)}m_{302}^{(21)}\\
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&+2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(00)}m_{041}^{(22)} - 4m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(00)}m_{032}^{(21)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(00)}m_{023}^{(11)}\\
&-4m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(10)}m_{131}^{(22)} + 8m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(10)}m_{122}^{(21)} - 4m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(10)}m_{113}^{(11)}\\
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&-4m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(22)}m_{131}^{(10)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(22)}m_{041}^{(00)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(00)}m_{050}^{(22)}\\
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&+4m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(11)}m_{221}^{(21)} - 4m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(11)}m_{212}^{(11)} + 4m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(11)}m_{122}^{(10)}\\
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&+4m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(20)}m_{131}^{(21)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(20)}m_{122}^{(11)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{230}^{(22)}\\
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&-4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{320}^{(22)} + 8m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{311}^{(21)} - 8m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{212}^{(10)}\\
&+4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{122}^{(00)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(22)}m_{311}^{(11)} + 4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(22)}m_{221}^{(10)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(22)}m_{131}^{(00)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{221}^{(22)} - 4m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{212}^{(21)}\\
&+2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{203}^{(11)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{311}^{(22)} + 4m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{302}^{(21)}\\
&-4m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{203}^{(10)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{113}^{(00)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{320}^{(22)}\\
&+4m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{311}^{(21)} - 4m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{302}^{(11)} + 4m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{212}^{(10)}\\
&-2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{122}^{(00)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{410}^{(22)} - 4m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{401}^{(21)}\\
&+4m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{302}^{(10)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{212}^{(00)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(22)}m_{401}^{(11)}
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&-4m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(22)}m_{311}^{(10)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(22)}m_{221}^{(00)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(00)}m_{140}^{(22)}\\
&-4m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(00)}m_{131}^{(21)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(00)}m_{122}^{(11)} - 4m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{230}^{(22)}\\
&+8m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{221}^{(21)} - 4m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{212}^{(11)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{320}^{(22)}\\
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&-4m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(21)}m_{131}^{(00)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(22)}m_{320}^{(11)} - 4m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(22)}m_{230}^{(10)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(22)}m_{140}^{(00)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{230}^{(22)} + 4m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{221}^{(21)}\\
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&+4m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{311}^{(11)} - 8m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{221}^{(10)} + 4m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{131}^{(00)}\\
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&+2m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{311}^{(11)} - 4m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{221}^{(11)} + 2m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{131}^{(00)}\\
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&+2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(11)}m_{014}^{(00)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(20)}m_{131}^{(22)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(20)}m_{113}^{(11)}\\
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&+2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(20)}m_{122}^{(11)} + 4m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(20)}m_{041}^{(20)} - 4m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(20)}m_{032}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{230}^{(22)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{212}^{(11)} - 4m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{131}^{(20)}\\
&-4m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{122}^{(10)} + 4m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{032}^{(00)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(22)}m_{221}^{(11)}\\
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&-2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(11)}m_{302}^{(22)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(11)}m_{203}^{(20)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(11)}m_{104}^{(00)}\\
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&+4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(00)}m_{032}^{(20)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(00)}m_{023}^{(10)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(11)}m_{311}^{(22)}\\
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&-4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{320}^{(22)} + 8m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{221}^{(20)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{122}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(22)}m_{311}^{(11)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(22)}m_{221}^{(10)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(22)}m_{131}^{(00)}\\
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&+2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(00)}m_{221}^{(22)} - 4m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(00)}m_{122}^{(20)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(00)}m_{023}^{(00)}\\
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&-2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{320}^{(22)} + 4m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{221}^{(20)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{122}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(21)}m_{410}^{(22)} - 4m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(21)}m_{311}^{(20)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(21)}m_{212}^{(00)}\\
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&-4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(00)}m_{023}^{(10)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{221}^{(22)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{203}^{(11)}\\
&-8m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{122}^{(20)} + 8m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{113}^{(10)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(11)}m_{311}^{(22)}\\
&+4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(11)}m_{212}^{(20)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(11)}m_{113}^{(00)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{302}^{(11)}\\
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&+4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}m_{221}^{(10)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}m_{131}^{(00)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(00)}m_{140}^{(22)}\\
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&-4m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{230}^{(22)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{212}^{(11)} + 8m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{131}^{(20)}\\
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&+2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(11)}m_{401}^{(22)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(11)}m_{302}^{(20)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(11)}m_{203}^{(00)}\\
&-4m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{302}^{(11)} + 8m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{212}^{(10)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{122}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(22)}m_{401}^{(11)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(22)}m_{311}^{(10)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(22)}m_{221}^{(00)}\\
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&+4m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}m_{122}^{(10)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}m_{032}^{(00)} + 4m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{320}^{(22)}\\
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&+4m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(21)}m_{010}^{(10)}m_{311}^{(10)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(21)}m_{010}^{(00)}m_{221}^{(00)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(00)}m_{100}^{(11)}m_{221}^{(11)}\\
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&+4m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(20)}m_{230}^{(10)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(20)}m_{140}^{(00)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(21)}m_{410}^{(11)}\\
&-4m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(21)}m_{320}^{(10)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(21)}m_{230}^{(00)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{221}^{(22)}\\
&+2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{203}^{(11)} + 4m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{122}^{(20)} - 4m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{113}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(11)}m_{311}^{(22)} - 4m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(11)}m_{212}^{(20)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(11)}m_{113}^{(00)}\\
&+2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{230}^{(22)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{212}^{(11)} - 4m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{131}^{(20)}\\
&+4m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{122}^{(10)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{320}^{(22)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{302}^{(11)}\\
&+4m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{221}^{(20)} + 4m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{212}^{(10)} - 4m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{122}^{(00)}\\
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&+8m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{221}^{(20)} - 8m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{212}^{(10)} + 4m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{410}^{(22)}\\
&-8m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{311}^{(20)} + 4m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{212}^{(00)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(22)}m_{401}^{(11)}\\
&+4m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(22)}m_{311}^{(10)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(22)}m_{221}^{(00)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{311}^{(22)}\\
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&-4m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(20)}m_{311}^{(20)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(20)}m_{212}^{(00)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(21)}m_{500}^{(22)}\\
&+4m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(21)}m_{401}^{(20)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(21)}m_{302}^{(00)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{230}^{(22)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{212}^{(11)} + 4m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{131}^{(20)} - 4m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{122}^{(10)}\\
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&+2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(10)}m_{023}^{(10)} - 2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(11)}m_{212}^{(21)} + m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(11)}m_{203}^{(11)}\\
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&+2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{221}^{(21)} - 2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{131}^{(20)} - 2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{122}^{(10)}\\
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&+2m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(22)}m_{311}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(22)}m_{221}^{(00)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(00)}m_{221}^{(21)}\\
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&+4m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{131}^{(20)} - 4m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{122}^{(10)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{311}^{(21)}\\
&-2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{302}^{(11)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{221}^{(20)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{212}^{(10)}
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&-2m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(00)}m_{140}^{(21)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(00)}m_{131}^{(11)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(00)}m_{050}^{(20)}\\
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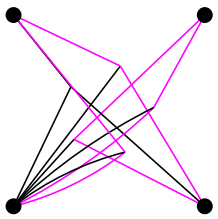
&-m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(22)}m_{500}^{(11)} + 2m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(22)}m_{410}^{(10)} - m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(22)}m_{320}^{(00)}\\
&+2m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(00)}m_{230}^{(21)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(00)}m_{221}^{(11)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(00)}m_{140}^{(20)}
\end{aligned}
$$

$$
\begin{array}{l}
+2m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(00)}m_{131}^{(10)} - 4m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{320}^{(21)} + 4m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{311}^{(11)} \\
+4m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{230}^{(20)} - 4m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{221}^{(10)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{410}^{(21)} \\
-2m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{401}^{(11)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{320}^{(20)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{311}^{(10)} \\
-2m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{320}^{(21)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{230}^{(20)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{221}^{(10)} \\
-2m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{131}^{(00)} + 4m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{410}^{(21)} - 4m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{320}^{(20)} \\
-4m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{311}^{(10)} + 4m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{221}^{(00)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(11)}m_{500}^{(21)} \\
+2m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(11)}m_{410}^{(20)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(11)}m_{401}^{(10)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(11)}m_{311}^{(00)} \\
+m_{000}^{(22)}m_{010}^{(22)}m_{001}^{(00)}m_{320}^{(11)} - 2m_{000}^{(22)}m_{010}^{(22)}m_{001}^{(00)}m_{230}^{(10)} + m_{000}^{(22)}m_{010}^{(22)}m_{001}^{(00)}m_{140}^{(00)} \\
-2m_{000}^{(22)}m_{010}^{(22)}m_{001}^{(10)}m_{410}^{(11)} + 4m_{000}^{(22)}m_{010}^{(22)}m_{001}^{(10)}m_{320}^{(10)} - 2m_{000}^{(22)}m_{010}^{(22)}m_{001}^{(10)}m_{230}^{(00)} \\
+m_{000}^{(22)}m_{010}^{(22)}m_{001}^{(11)}m_{500}^{(11)} - 2m_{000}^{(22)}m_{010}^{(22)}m_{001}^{(11)}m_{410}^{(10)} + m_{000}^{(22)}m_{010}^{(22)}m_{001}^{(11)}m_{320}^{(00)}
\end{array}
$$

Generating graph:

$$
\begin{array}{ccccc}
V1 & V1 & 1 & 1 & 1 \\
1 & 1 & V2 & 2 & V3 \\
V2 & V3 & V4 & 4 & V4
\end{array}
$$



$$
\begin{array}{rcl}
T_{185} & = & m_{000}^{(00)}m_{100}^{(00)}m_{010}^{(11)}m_{023}^{(22)} - 2m_{000}^{(00)}m_{100}^{(00)}m_{010}^{(11)}m_{014}^{(21)} + m_{000}^{(00)}m_{100}^{(00)}m_{010}^{(11)}m_{005}^{(11)} \\
 & & -2m_{000}^{(00)}m_{100}^{(00)}m_{010}^{(21)}m_{032}^{(22)} + 4m_{000}^{(00)}m_{100}^{(00)}m_{010}^{(21)}m_{023}^{(21)} - 2m_{000}^{(00)}m_{100}^{(00)}m_{010}^{(21)}m_{014}^{(11)} \\
 & & +m_{000}^{(00)}m_{100}^{(00)}m_{010}^{(22)}m_{041}^{(22)} - 2m_{000}^{(00)}m_{100}^{(00)}m_{010}^{(22)}m_{032}^{(21)} + m_{000}^{(00)}m_{100}^{(00)}m_{010}^{(22)}m_{023}^{(11)} \\
 & & -m_{000}^{(00)}m_{100}^{(00)}m_{001}^{(11)}m_{032}^{(22)} + 2m_{000}^{(00)}m_{100}^{(00)}m_{001}^{(11)}m_{023}^{(21)} - m_{000}^{(00)}m_{100}^{(00)}m_{001}^{(11)}m_{014}^{(11)} \\
 & & +2m_{000}^{(00)}m_{100}^{(00)}m_{001}^{(21)}m_{041}^{(22)} - 4m_{000}^{(00)}m_{100}^{(00)}m_{001}^{(21)}m_{032}^{(21)} + 2m_{000}^{(00)}m_{100}^{(00)}m_{001}^{(21)}m_{023}^{(11)} \\
 & & -m_{000}^{(00)}m_{100}^{(00)}m_{001}^{(22)}m_{050}^{(22)} + 2m_{000}^{(00)}m_{100}^{(00)}m_{001}^{(22)}m_{041}^{(21)} - m_{000}^{(00)}m_{100}^{(00)}m_{001}^{(22)}m_{032}^{(11)} \\
 & & -m_{000}^{(00)}m_{100}^{(10)}m_{100}^{(11)}m_{023}^{(22)} + 2m_{000}^{(00)}m_{100}^{(10)}m_{100}^{(11)}m_{014}^{(21)} - m_{000}^{(00)}m_{100}^{(10)}m_{100}^{(11)}m_{005}^{(11)} \\
 & & +2m_{000}^{(00)}m_{100}^{(10)}m_{100}^{(21)}m_{032}^{(22)} - 4m_{000}^{(00)}m_{100}^{(10)}m_{100}^{(21)}m_{023}^{(21)} + 2m_{000}^{(00)}m_{100}^{(10)}m_{100}^{(21)}m_{014}^{(11)} \\
 & & -m_{000}^{(00)}m_{100}^{(10)}m_{100}^{(22)}m_{041}^{(22)} + 2m_{000}^{(00)}m_{100}^{(10)}m_{100}^{(22)}m_{032}^{(21)} - m_{000}^{(00)}m_{100}^{(10)}m_{100}^{(22)}m_{023}^{(11)} \\
 & & +m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(10)}m_{023}^{(22)} - 2m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(10)}m_{014}^{(21)} + m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(10)}m_{005}^{(11)} \\
 & & -2m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(11)}m_{113}^{(22)} + 2m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(11)}m_{104}^{(21)} + 2m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(11)}m_{014}^{(20)} \\
 & & -2m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(11)}m_{005}^{(10)} - m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(20)}m_{032}^{(22)} + 2m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(20)}m_{023}^{(21)} \\
 & & -m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(20)}m_{014}^{(11)} + 3m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(21)}m_{122}^{(22)} - 2m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(21)}m_{113}^{(21)}
\end{array}
$$

$$-m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(21)}m_{104}^{(11)} - 4m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(21)}m_{023}^{(20)} + 4m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(21)}m_{014}^{(10)}$$
$$-m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(22)}m_{131}^{(22)} + m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(22)}m_{113}^{(11)} + 2m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(22)}m_{032}^{(20)}$$
$$-2m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(22)}m_{023}^{(10)} - m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(10)}m_{032}^{(22)} + 2m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(10)}m_{023}^{(21)}$$
$$-m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(10)}m_{014}^{(11)} + 3m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(11)}m_{122}^{(22)} - 4m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(11)}m_{113}^{(21)}$$
$$+m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(11)}m_{104}^{(11)} - 2m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(11)}m_{023}^{(20)} + 2m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(11)}m_{014}^{(10)}$$
$$+m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(20)}m_{041}^{(22)} - 2m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(20)}m_{032}^{(21)} + m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(20)}m_{023}^{(11)}$$
$$-5m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(21)}m_{131}^{(22)} + 6m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(21)}m_{122}^{(21)} - m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(21)}m_{113}^{(11)}$$
$$+4m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(21)}m_{032}^{(20)} - 4m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(21)}m_{023}^{(10)} + 2m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(22)}m_{140}^{(22)}$$
$$-2m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(22)}m_{131}^{(21)} - 2m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(22)}m_{041}^{(20)} + 2m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(22)}m_{032}^{(10)}$$
$$+m_{000}^{(00)}(m_{100}^{(11)})^2m_{113}^{(22)} - m_{000}^{(00)}(m_{100}^{(11)})^2m_{104}^{(21)} - m_{000}^{(00)}(m_{100}^{(11)})^2m_{014}^{(20)}$$
$$+m_{000}^{(00)}(m_{100}^{(11)})^2m_{005}^{(10)} + m_{000}^{(00)}m_{100}^{(11)}m_{100}^{(20)}m_{032}^{(22)} - 2m_{000}^{(00)}m_{100}^{(11)}m_{100}^{(20)}m_{023}^{(21)}$$
$$+m_{000}^{(00)}m_{100}^{(11)}m_{100}^{(20)}m_{014}^{(11)} - 3m_{000}^{(00)}m_{100}^{(11)}m_{100}^{(21)}m_{122}^{(22)} + 2m_{000}^{(00)}m_{100}^{(11)}m_{100}^{(21)}m_{113}^{(21)}$$
$$+m_{000}^{(00)}m_{100}^{(11)}m_{100}^{(21)}m_{104}^{(11)} + 4m_{000}^{(00)}m_{100}^{(11)}m_{100}^{(21)}m_{023}^{(20)} - 4m_{000}^{(00)}m_{100}^{(11)}m_{100}^{(21)}m_{014}^{(10)}$$
$$+m_{000}^{(00)}m_{100}^{(11)}m_{100}^{(22)}m_{131}^{(22)} - m_{000}^{(00)}m_{100}^{(11)}m_{100}^{(22)}m_{113}^{(11)} - 2m_{000}^{(00)}m_{100}^{(11)}m_{100}^{(22)}m_{032}^{(20)}$$
$$+2m_{000}^{(00)}m_{100}^{(11)}m_{100}^{(22)}m_{023}^{(10)} + m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(10)}m_{122}^{(22)} - 2m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(10)}m_{113}^{(21)}$$
$$+m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(10)}m_{104}^{(11)} - 2m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(11)}m_{212}^{(22)} + 2m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(11)}m_{203}^{(21)}$$
$$+2m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(11)}m_{113}^{(20)} - 2m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(11)}m_{104}^{(10)} - m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(20)}m_{131}^{(22)}$$
$$+2m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(20)}m_{122}^{(21)} - m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(20)}m_{113}^{(11)} + 3m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(21)}m_{221}^{(22)}$$
$$-2m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(21)}m_{212}^{(21)} - m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(21)}m_{203}^{(11)} - 4m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(21)}m_{122}^{(20)}$$
$$+4m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(21)}m_{113}^{(10)} - m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(22)}m_{230}^{(22)} + m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(22)}m_{212}^{(11)}$$
$$+2m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(22)}m_{131}^{(20)} - 2m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(22)}m_{122}^{(10)} - 2m_{000}^{(00)}m_{100}^{(20)}m_{100}^{(21)}m_{041}^{(22)}$$
$$+4m_{000}^{(00)}m_{100}^{(20)}m_{100}^{(21)}m_{032}^{(21)} - 2m_{000}^{(00)}m_{100}^{(20)}m_{100}^{(21)}m_{023}^{(11)} + m_{000}^{(00)}m_{100}^{(20)}m_{100}^{(22)}m_{050}^{(22)}$$
$$-2m_{000}^{(00)}m_{100}^{(20)}m_{100}^{(22)}m_{041}^{(21)} + m_{000}^{(00)}m_{100}^{(20)}m_{100}^{(22)}m_{032}^{(11)} - m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(10)}m_{032}^{(22)}$$
$$+2m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(10)}m_{023}^{(21)} - m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(10)}m_{014}^{(11)} + 2m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(11)}m_{113}^{(21)}$$
$$-2m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(11)}m_{104}^{(11)} - 2m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(11)}m_{023}^{(20)} + 2m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(11)}m_{014}^{(10)}$$
$$+m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(20)}m_{041}^{(22)} - 2m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(20)}m_{032}^{(21)} + m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(20)}m_{023}^{(11)}$$
$$+m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(21)}m_{131}^{(22)} - 6m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(21)}m_{122}^{(21)} + 5m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(21)}m_{113}^{(11)}$$
$$+4m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(21)}m_{032}^{(20)} - 4m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(21)}m_{023}^{(10)} - m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(22)}m_{140}^{(22)}$$
$$+4m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(22)}m_{131}^{(21)} - 3m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(22)}m_{122}^{(11)} - 2m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(22)}m_{041}^{(20)}$$
$$+2m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(22)}m_{032}^{(10)} + m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(10)}m_{041}^{(22)} - 2m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(10)}m_{032}^{(21)}$$
$$+m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(10)}m_{023}^{(11)} - m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(11)}m_{131}^{(22)} + m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(11)}m_{113}^{(11)}$$
$$+2m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(11)}m_{032}^{(20)} - 2m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(11)}m_{023}^{(10)} - m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(20)}m_{050}^{(22)}$$
$$+2m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(20)}m_{041}^{(21)} - m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(20)}m_{032}^{(11)} + m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(21)}m_{140}^{(22)}$$
$$+2m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(21)}m_{131}^{(21)} - 3m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(21)}m_{122}^{(11)} - 4m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(21)}m_{041}^{(20)}$$
$$+4m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(21)}m_{032}^{(10)} - 2m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(22)}m_{140}^{(21)} + 2m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(22)}m_{131}^{(11)}$$
$$+2m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(22)}m_{050}^{(20)} - 2m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(22)}m_{041}^{(10)} + 2m_{000}^{(00)}(m_{100}^{(21)})^2m_{131}^{(22)}$$
$$-2m_{000}^{(00)}(m_{100}^{(21)})^2m_{113}^{(11)} - 4m_{000}^{(00)}(m_{100}^{(21)})^2m_{032}^{(20)} + 4m_{000}^{(00)}(m_{100}^{(21)})^2m_{023}^{(10)}$$
$$-m_{000}^{(00)}m_{100}^{(21)}m_{100}^{(22)}m_{140}^{(22)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{100}^{(22)}m_{131}^{(21)} + 3m_{000}^{(00)}m_{100}^{(21)}m_{100}^{(22)}m_{122}^{(11)}$$

$$
\begin{aligned}
&+4m_{000}^{(00)}m_{100}^{(21)}m_{100}^{(22)}m_{041}^{(20)} - 4m_{000}^{(00)}m_{100}^{(21)}m_{100}^{(22)}m_{032}^{(10)} - m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(10)}m_{122}^{(22)}\\
&+2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(10)}m_{113}^{(21)} - m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(10)}m_{104}^{(11)} + 2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(11)}m_{212}^{(22)}\\
&-2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(11)}m_{203}^{(21)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(11)}m_{113}^{(20)} + 2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(11)}m_{104}^{(10)}\\
&+m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(20)}m_{131}^{(22)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(20)}m_{122}^{(21)} + m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(20)}m_{113}^{(11)}\\
&-3m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{221}^{(22)} + 2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{212}^{(21)} + m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{203}^{(11)}\\
&+4m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{122}^{(20)} - 4m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{113}^{(10)} + m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(22)}m_{230}^{(22)}\\
&-m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(22)}m_{212}^{(11)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(22)}m_{131}^{(20)} + 2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(22)}m_{122}^{(10)}\\
&-m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(10)}m_{131}^{(22)} + 2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(10)}m_{122}^{(21)} - m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(10)}m_{113}^{(11)}\\
&+m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(11)}m_{221}^{(22)} - m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(11)}m_{203}^{(11)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(11)}m_{122}^{(20)}\\
&+2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(11)}m_{113}^{(10)} + m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(20)}m_{140}^{(22)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(20)}m_{131}^{(21)}\\
&+m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(20)}m_{122}^{(11)} - m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(21)}m_{230}^{(22)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(21)}m_{221}^{(21)}\\
&+3m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(21)}m_{212}^{(11)} + 4m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(21)}m_{131}^{(20)} - 4m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(21)}m_{122}^{(10)}\\
&+2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(22)}m_{230}^{(21)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(22)}m_{221}^{(11)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(22)}m_{140}^{(20)}\\
&+2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(22)}m_{131}^{(10)} + m_{000}^{(00)}(m_{100}^{(22)})^2m_{140}^{(21)} - m_{000}^{(00)}(m_{100}^{(22)})^2m_{131}^{(11)}\\
&-m_{000}^{(00)}(m_{100}^{(22)})^2m_{050}^{(20)} + m_{000}^{(00)}(m_{100}^{(22)})^2m_{041}^{(10)} + m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(10)}m_{131}^{(22)}\\
&-2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(10)}m_{122}^{(21)} + m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(10)}m_{113}^{(11)} - m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{221}^{(22)}\\
&+m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{203}^{(11)} + 2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{122}^{(20)} - 2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{113}^{(10)}\\
&-m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(20)}m_{140}^{(22)} + 2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(20)}m_{131}^{(21)} - m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(20)}m_{122}^{(11)}\\
&+m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{230}^{(22)} + 2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{221}^{(21)} - 3m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{212}^{(11)}\\
&-4m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{131}^{(20)} + 4m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{122}^{(10)} - 2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(22)}m_{230}^{(21)}\\
&+2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(22)}m_{221}^{(11)} + 2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(22)}m_{140}^{(20)} - 2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(22)}m_{131}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(10)}m_{023}^{(22)} + 2m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(10)}m_{014}^{(21)} - m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(10)}m_{005}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(20)}m_{032}^{(22)} - 2m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(20)}m_{023}^{(21)} + m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(20)}m_{014}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(21)}m_{122}^{(22)} - 2m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(21)}m_{113}^{(21)} + m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(21)}m_{104}^{(11)}\\
&-m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(22)}m_{131}^{(22)} + 2m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(22)}m_{122}^{(21)} - m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(22)}m_{113}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(10)}m_{032}^{(22)} - 2m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(10)}m_{023}^{(21)} + m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(10)}m_{014}^{(11)}\\
&-m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(20)}m_{041}^{(22)} + 2m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(20)}m_{032}^{(21)} - m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(20)}m_{023}^{(11)}\\
&-m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(21)}m_{131}^{(22)} + 2m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(21)}m_{122}^{(21)} - m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(21)}m_{113}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(22)}m_{140}^{(22)} - 2m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(22)}m_{131}^{(21)} + m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(22)}m_{122}^{(11)}\\
&+m_{000}^{(00)}(m_{010}^{(10)})^2m_{113}^{(22)} - m_{000}^{(00)}(m_{010}^{(10)})^2m_{104}^{(21)} - m_{000}^{(00)}(m_{010}^{(10)})^2m_{014}^{(20)}\\
&+m_{000}^{(00)}(m_{010}^{(10)})^2m_{005}^{(10)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{113}^{(21)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{104}^{(11)}\\
&+2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{023}^{(20)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{014}^{(10)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{212}^{(22)}\\
&+2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{203}^{(21)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{113}^{(20)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{104}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{221}^{(22)} - m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{203}^{(11)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{122}^{(20)}\\
&+2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{113}^{(10)} + m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(00)}m_{032}^{(22)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(00)}m_{023}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(00)}m_{014}^{(11)} - 3m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{122}^{(22)} + 4m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{113}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{104}^{(11)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{023}^{(20)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{014}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{131}^{(22)} - m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{113}^{(11)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{032}^{(20)}
\end{aligned}
$$

$$+2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{023}^{(10)}+3m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{221}^{(22)}-4m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{212}^{(21)}$$
$$+m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{203}^{(11)}-2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{122}^{(20)}+2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{113}^{(10)}$$
$$-2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{230}^{(22)}+2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{221}^{(21)}+2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{131}^{(20)}$$
$$-2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{122}^{(10)}-m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{122}^{(22)}+2m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{113}^{(21)}$$
$$-m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{104}^{(11)}+2m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{212}^{(22)}-2m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{203}^{(21)}$$
$$-2m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{113}^{(20)}+2m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{104}^{(10)}-2m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{212}^{(21)}$$
$$+2m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{203}^{(11)}+2m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{122}^{(20)}-2m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{113}^{(10)}$$
$$-2m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{311}^{(22)}+2m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{302}^{(21)}+2m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{212}^{(20)}$$
$$-2m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{203}^{(10)}+m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(22)}m_{320}^{(22)}-m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(22)}m_{302}^{(11)}$$
$$-2m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(22)}m_{221}^{(20)}+2m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(22)}m_{212}^{(10)}-m_{000}^{(00)}(m_{010}^{(20)})^2m_{131}^{(22)}$$
$$+3m_{000}^{(00)}(m_{010}^{(20)})^2m_{122}^{(21)}-2m_{000}^{(00)}(m_{010}^{(20)})^2m_{113}^{(11)}-m_{000}^{(00)}(m_{010}^{(20)})^2m_{032}^{(20)}$$
$$+m_{000}^{(00)}(m_{010}^{(20)})^2m_{023}^{(10)}+2m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{212}^{(21)}-2m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{203}^{(11)}$$
$$-2m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{122}^{(20)}+2m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{113}^{(10)}+m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{230}^{(22)}$$
$$-4m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{221}^{(21)}+3m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{212}^{(11)}+2m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{131}^{(20)}$$
$$-2m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{122}^{(10)}-m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(00)}m_{041}^{(22)}+2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(00)}m_{032}^{(21)}$$
$$-m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(00)}m_{023}^{(11)}+m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{131}^{(22)}-m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{113}^{(11)}$$
$$-2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{032}^{(20)}+2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{023}^{(10)}+m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(20)}m_{140}^{(22)}$$
$$-4m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(20)}m_{131}^{(21)}+3m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(20)}m_{122}^{(11)}+2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(20)}m_{041}^{(20)}$$
$$-2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(20)}m_{032}^{(10)}-m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{230}^{(22)}+m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{212}^{(11)}$$
$$+2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{131}^{(20)}-2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{122}^{(10)}+2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{230}^{(21)}$$
$$-2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{221}^{(11)}-2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{140}^{(20)}+2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{131}^{(10)}$$
$$+m_{000}^{(00)}(m_{010}^{(21)})^2m_{311}^{(22)}-m_{000}^{(00)}(m_{010}^{(21)})^2m_{302}^{(21)}-m_{000}^{(00)}(m_{010}^{(21)})^2m_{212}^{(20)}$$
$$+m_{000}^{(00)}(m_{010}^{(21)})^2m_{203}^{(10)}-m_{000}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{320}^{(22)}+m_{000}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{302}^{(11)}$$
$$+2m_{000}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{221}^{(20)}-2m_{000}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{212}^{(10)}+m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{131}^{(22)}$$
$$-2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{122}^{(21)}+m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{113}^{(11)}-m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{221}^{(22)}$$
$$+m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{203}^{(11)}+2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{122}^{(20)}-2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{113}^{(10)}$$
$$-m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{230}^{(22)}+4m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{221}^{(21)}-3m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{212}^{(11)}$$
$$-2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{131}^{(20)}+2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{122}^{(10)}+m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(21)}m_{320}^{(22)}$$
$$-m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(21)}m_{302}^{(11)}-2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(21)}m_{221}^{(20)}+2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(21)}m_{212}^{(10)}$$
$$-2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{320}^{(21)}+2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{311}^{(11)}+2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{230}^{(20)}$$
$$-2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{221}^{(10)}+m_{000}^{(00)}(m_{010}^{(22)})^2m_{320}^{(21)}-m_{000}^{(00)}(m_{010}^{(22)})^2m_{311}^{(11)}$$
$$-m_{000}^{(00)}(m_{010}^{(22)})^2m_{230}^{(20)}+m_{000}^{(00)}(m_{010}^{(22)})^2m_{221}^{(10)}-m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(10)}m_{041}^{(22)}$$
$$+2m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(10)}m_{032}^{(21)}-m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(10)}m_{023}^{(11)}+m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(11)}m_{131}^{(22)}$$
$$-2m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(11)}m_{122}^{(21)}+m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(11)}m_{113}^{(11)}+m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(20)}m_{050}^{(22)}$$
$$-2m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(20)}m_{041}^{(21)}+m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(20)}m_{032}^{(11)}-m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(21)}m_{140}^{(22)}$$
$$+2m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(21)}m_{131}^{(21)}-m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(21)}m_{122}^{(11)}+2m_{000}^{(00)}(m_{001}^{(10)})^2m_{131}^{(22)}$$
$$-3m_{000}^{(00)}(m_{001}^{(10)})^2m_{122}^{(21)}+m_{000}^{(00)}(m_{001}^{(10)})^2m_{113}^{(11)}-m_{000}^{(00)}(m_{001}^{(10)})^2m_{032}^{(20)}$$
$$+m_{000}^{(00)}(m_{001}^{(10)})^2m_{023}^{(10)}-3m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{221}^{(22)}+4m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{212}^{(21)}$$

$$
\begin{aligned}
&-m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{203}^{(11)} + 2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{122}^{(20)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{113}^{(10)}\\
&-2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{140}^{(22)} + 2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{131}^{(21)} + 2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{041}^{(20)}\\
&-2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{032}^{(10)} + 2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{230}^{(22)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{221}^{(21)}\\
&-2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{131}^{(20)} + 2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{122}^{(10)} + m_{000}^{(00)}(m_{001}^{(11)})^2m_{311}^{(22)}\\
&-m_{000}^{(00)}(m_{001}^{(11)})^2m_{302}^{(21)} - m_{000}^{(00)}(m_{001}^{(11)})^2m_{212}^{(20)} + m_{000}^{(00)}(m_{001}^{(11)})^2m_{203}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{230}^{(22)} - m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{212}^{(11)} - 2m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{131}^{(20)}\\
&+2m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{122}^{(10)} - m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{320}^{(22)} + m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{302}^{(11)}\\
&+2m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{221}^{(20)} - 2m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{212}^{(10)} + m_{000}^{(00)}(m_{001}^{(20)})^2m_{140}^{(21)}\\
&-m_{000}^{(00)}(m_{001}^{(20)})^2m_{131}^{(11)} - m_{000}^{(00)}(m_{001}^{(20)})^2m_{050}^{(20)} + m_{000}^{(00)}(m_{001}^{(20)})^2m_{041}^{(10)}\\
&-2m_{000}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{230}^{(21)} + 2m_{000}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{221}^{(11)} + 2m_{000}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{140}^{(20)}\\
&-2m_{000}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{131}^{(10)} + m_{000}^{(00)}(m_{001}^{(21)})^2m_{320}^{(21)} - m_{000}^{(00)}(m_{001}^{(21)})^2m_{311}^{(11)}\\
&-m_{000}^{(00)}(m_{001}^{(21)})^2m_{230}^{(20)} + m_{000}^{(00)}(m_{001}^{(21)})^2m_{221}^{(10)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(10)}m_{023}^{(22)}\\
&+4m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(10)}m_{014}^{(21)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(10)}m_{005}^{(11)} + 2m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(20)}m_{032}^{(22)}\\
&-4m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(20)}m_{023}^{(21)} + 2m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(20)}m_{014}^{(11)} + 2m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(21)}m_{122}^{(22)}\\
&-4m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(21)}m_{113}^{(21)} + 2m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(21)}m_{104}^{(11)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(22)}m_{131}^{(22)}\\
&+4m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(22)}m_{122}^{(21)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(22)}m_{113}^{(11)} + 2m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(10)}m_{032}^{(22)}\\
&-4m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(10)}m_{023}^{(21)} + 2m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(10)}m_{014}^{(11)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(20)}m_{041}^{(22)}\\
&+4m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(20)}m_{032}^{(21)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(20)}m_{023}^{(11)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(21)}m_{131}^{(22)}\\
&+4m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(21)}m_{122}^{(21)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(21)}m_{113}^{(11)} + 2m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(22)}m_{140}^{(22)}\\
&-4m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(22)}m_{131}^{(21)} + 2m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(22)}m_{122}^{(11)} + m_{000}^{(10)}(m_{100}^{(10)})^2m_{023}^{(22)}\\
&-2m_{000}^{(10)}(m_{100}^{(10)})^2m_{014}^{(21)} + m_{000}^{(10)}(m_{100}^{(10)})^2m_{005}^{(11)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(20)}m_{032}^{(22)}\\
&+4m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(20)}m_{023}^{(21)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(20)}m_{014}^{(11)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(21)}m_{122}^{(22)}\\
&+4m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(21)}m_{113}^{(21)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(21)}m_{104}^{(11)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(22)}m_{131}^{(22)}\\
&-4m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(22)}m_{122}^{(21)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(22)}m_{113}^{(11)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(11)}m_{203}^{(22)}\\
&-4m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(11)}m_{104}^{(20)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(11)}m_{005}^{(00)} - 4m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(21)}m_{212}^{(22)}\\
&+8m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(21)}m_{113}^{(20)} - 4m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(21)}m_{014}^{(00)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(22)}m_{221}^{(22)}\\
&-4m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(22)}m_{122}^{(20)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(22)}m_{023}^{(00)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(10)}m_{122}^{(22)}\\
&+4m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(10)}m_{113}^{(21)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(10)}m_{104}^{(11)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(11)}m_{212}^{(22)}\\
&+4m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(11)}m_{113}^{(20)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(11)}m_{014}^{(00)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(20)}m_{131}^{(22)}\\
&-4m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(20)}m_{122}^{(21)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(20)}m_{113}^{(11)} + 6m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{221}^{(22)}\\
&-4m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{212}^{(21)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{203}^{(11)} - 8m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{122}^{(20)}\\
&+4m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{023}^{(00)} - 4m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(22)}m_{230}^{(22)} + 4m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(22)}m_{221}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(22)}m_{212}^{(11)} + 4m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(22)}m_{131}^{(20)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(22)}m_{032}^{(00)}\\
&-m_{000}^{(10)}(m_{100}^{(11)})^2m_{203}^{(22)} + 2m_{000}^{(10)}(m_{100}^{(11)})^2m_{104}^{(20)} - m_{000}^{(10)}(m_{100}^{(11)})^2m_{005}^{(00)}\\
&+4m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(21)}m_{212}^{(22)} - 8m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(21)}m_{113}^{(20)} + 4m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(21)}m_{014}^{(00)}\\
&-2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{221}^{(22)} + 4m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{122}^{(20)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{023}^{(00)}\\
&+2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(11)}m_{302}^{(22)} - 4m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(11)}m_{203}^{(20)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(11)}m_{104}^{(00)}\\
&-4m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(21)}m_{311}^{(22)} + 8m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(21)}m_{212}^{(20)} - 4m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(21)}m_{113}^{(00)}
\end{aligned}
$$

$$+2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{320}^{(22)} - 4m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{221}^{(20)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{122}^{(00)}$$
$$+m_{000}^{(10)}(m_{100}^{(20)})^2m_{041}^{(22)} - 2m_{000}^{(10)}(m_{100}^{(20)})^2m_{032}^{(21)} + m_{000}^{(10)}(m_{100}^{(20)})^2m_{023}^{(11)}$$
$$+2m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(21)}m_{131}^{(22)} - 4m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(21)}m_{122}^{(21)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(21)}m_{113}^{(11)}$$
$$-2m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(22)}m_{140}^{(22)} + 4m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(22)}m_{131}^{(21)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(22)}m_{122}^{(11)}$$
$$+4m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(10)}m_{122}^{(22)} - 8m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(10)}m_{113}^{(21)} + 4m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(10)}m_{104}^{(11)}$$
$$-2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(11)}m_{212}^{(22)} + 4m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(11)}m_{113}^{(20)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(11)}m_{014}^{(00)}$$
$$-4m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(20)}m_{131}^{(22)} + 8m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(20)}m_{122}^{(21)} - 4m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(20)}m_{113}^{(11)}$$
$$+8m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{212}^{(21)} - 4m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{203}^{(11)} - 8m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{122}^{(20)}$$
$$+4m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{023}^{(00)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{230}^{(22)} - 8m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{221}^{(21)}$$
$$+4m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{212}^{(11)} + 4m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{131}^{(20)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{032}^{(00)}$$
$$-2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(10)}m_{131}^{(22)} + 4m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(10)}m_{122}^{(21)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(10)}m_{113}^{(11)}$$
$$+2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{221}^{(22)} - 4m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{122}^{(20)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{023}^{(00)}$$
$$+2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(20)}m_{140}^{(22)} - 4m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(20)}m_{131}^{(21)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(20)}m_{122}^{(11)}$$
$$-2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{230}^{(22)} - 4m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{221}^{(21)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{212}^{(11)}$$
$$+8m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{131}^{(20)} - 4m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{032}^{(00)} + 4m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{230}^{(21)}$$
$$-2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{221}^{(11)} - 4m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{140}^{(20)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{041}^{(00)}$$
$$-3m_{000}^{(10)}(m_{100}^{(21)})^2m_{221}^{(22)} - 2m_{000}^{(10)}(m_{100}^{(21)})^2m_{212}^{(21)} + m_{000}^{(10)}(m_{100}^{(21)})^2m_{203}^{(11)}$$
$$+8m_{000}^{(10)}(m_{100}^{(21)})^2m_{122}^{(20)} - 4m_{000}^{(10)}(m_{100}^{(21)})^2m_{023}^{(00)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{230}^{(22)}$$
$$+4m_{000}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{221}^{(21)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{212}^{(11)} - 8m_{000}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{131}^{(20)}$$
$$+4m_{000}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{032}^{(00)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(11)}m_{302}^{(22)} + 4m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(11)}m_{203}^{(20)}$$
$$-2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(11)}m_{104}^{(00)} + 4m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(21)}m_{311}^{(22)} - 8m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(21)}m_{212}^{(20)}$$
$$+4m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(21)}m_{113}^{(00)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{320}^{(22)} + 4m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{221}^{(20)}$$
$$-2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{122}^{(00)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{221}^{(22)} - 4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{212}^{(21)}$$
$$+2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{203}^{(11)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{311}^{(22)} + 4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{212}^{(20)}$$
$$-2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{113}^{(00)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{230}^{(22)} + 4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{221}^{(21)}$$
$$-2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{212}^{(11)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{320}^{(22)} + 4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{311}^{(21)}$$
$$-2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{302}^{(11)} - 8m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{221}^{(20)} + 4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{122}^{(00)}$$
$$-4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{320}^{(21)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{311}^{(11)} + 4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{230}^{(20)}$$
$$-2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{131}^{(00)} - 2m_{000}^{(10)}(m_{100}^{(22)})^2m_{230}^{(21)} + m_{000}^{(10)}(m_{100}^{(22)})^2m_{221}^{(11)}$$
$$+2m_{000}^{(10)}(m_{100}^{(22)})^2m_{140}^{(20)} - m_{000}^{(10)}(m_{100}^{(22)})^2m_{041}^{(00)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{221}^{(22)}$$
$$+4m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{212}^{(21)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{203}^{(11)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{311}^{(22)}$$
$$-4m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{212}^{(20)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{113}^{(00)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{230}^{(22)}$$
$$-4m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{221}^{(21)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{212}^{(11)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{320}^{(22)}$$
$$-4m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{311}^{(21)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{302}^{(11)} + 8m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{221}^{(20)}$$
$$-4m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{122}^{(00)} + 4m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(22)}m_{320}^{(21)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(22)}m_{311}^{(11)}$$
$$-4m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(22)}m_{230}^{(20)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(22)}m_{131}^{(00)} + m_{000}^{(10)}(m_{010}^{(10)})^2m_{023}^{(22)}$$
$$-2m_{000}^{(10)}(m_{010}^{(00)})^2m_{014}^{(21)} + m_{000}^{(10)}(m_{010}^{(00)})^2m_{005}^{(11)} - 4m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(20)}m_{122}^{(22)}$$
$$+8m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(20)}m_{113}^{(21)} - 4m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(20)}m_{104}^{(11)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{221}^{(22)}$$

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\begin{aligned}
&-4m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{212}^{(21)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{203}^{(11)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(00)}m_{032}^{(22)}\\
&+4m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(00)}m_{023}^{(21)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(00)}m_{014}^{(11)} + 4m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{131}^{(22)}\\
&-8m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{122}^{(21)} + 4m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{113}^{(11)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{230}^{(22)}\\
&+4m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{221}^{(21)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{212}^{(11)} - m_{000}^{(10)}(m_{010}^{(10)})^2m_{203}^{(22)}\\
&+2m_{000}^{(10)}(m_{010}^{(10)})^2m_{104}^{(20)} - m_{000}^{(10)}(m_{010}^{(10)})^2m_{005}^{(00)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{212}^{(22)}\\
&-4m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{113}^{(20)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{014}^{(00)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(21)}m_{302}^{(22)}\\
&-4m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(21)}m_{203}^{(20)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(21)}m_{104}^{(00)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{311}^{(22)}\\
&+4m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{212}^{(20)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{113}^{(00)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{122}^{(22)}\\
&-4m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{113}^{(21)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{104}^{(11)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(10)}m_{212}^{(22)}\\
&-4m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(10)}m_{113}^{(20)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(10)}m_{014}^{(00)} - 6m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{221}^{(22)}\\
&+8m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{212}^{(21)} - 4m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{203}^{(11)} + 4m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{122}^{(20)}\\
&-2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{023}^{(00)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(21)}m_{311}^{(22)} + 4m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(21)}m_{212}^{(20)}\\
&-2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(21)}m_{113}^{(00)} + 4m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{320}^{(22)} - 4m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{311}^{(21)}\\
&+2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{302}^{(11)} - 4m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{221}^{(20)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{122}^{(00)}\\
&-2m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(10)}m_{302}^{(22)} + 4m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(10)}m_{203}^{(20)} - 2m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(10)}m_{104}^{(00)}\\
&+2m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{311}^{(22)} - 4m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{212}^{(20)} + 2m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{113}^{(00)}\\
&+2m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(21)}m_{401}^{(22)} - 4m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(21)}m_{302}^{(20)} + 2m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(21)}m_{203}^{(00)}\\
&-2m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(22)}m_{410}^{(22)} + 4m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(22)}m_{311}^{(20)} - 2m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(22)}m_{212}^{(00)}\\
&+3m_{000}^{(10)}(m_{010}^{(20)})^2m_{221}^{(22)} - 8m_{000}^{(10)}(m_{010}^{(20)})^2m_{212}^{(21)} + 4m_{000}^{(10)}(m_{010}^{(20)})^2m_{203}^{(11)}\\
&+2m_{000}^{(10)}(m_{010}^{(20)})^2m_{122}^{(20)} - m_{000}^{(10)}(m_{010}^{(20)})^2m_{023}^{(00)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{311}^{(22)}\\
&+4m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{212}^{(20)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{113}^{(00)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{320}^{(22)}\\
&+8m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{311}^{(21)} - 4m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{302}^{(11)} - 4m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{221}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{122}^{(00)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{131}^{(22)} - 4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{122}^{(21)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{113}^{(11)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{221}^{(22)} + 4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{122}^{(20)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{023}^{(00)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{230}^{(22)} + 8m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{221}^{(21)}\\
&-4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{212}^{(11)} - 4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{131}^{(20)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{032}^{(00)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{320}^{(22)} - 4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{221}^{(20)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{122}^{(00)}\\
&-4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{320}^{(21)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{311}^{(11)} + 4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{230}^{(20)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{131}^{(00)} - m_{000}^{(10)}(m_{010}^{(21)})^2m_{401}^{(22)} + 2m_{000}^{(10)}(m_{010}^{(21)})^2m_{302}^{(20)}\\
&-m_{000}^{(10)}(m_{010}^{(21)})^2m_{203}^{(00)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{410}^{(22)} - 4m_{000}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{311}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{212}^{(00)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{221}^{(22)} + 4m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{212}^{(21)}\\
&-2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{203}^{(11)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{311}^{(22)} - 4m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{212}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{113}^{(00)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{320}^{(22)} - 8m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{311}^{(21)}\\
&+4m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{302}^{(11)} + 4m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{221}^{(20)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{122}^{(00)}\\
&-2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(21)}m_{410}^{(22)} + 4m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(21)}m_{311}^{(20)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(21)}m_{212}^{(00)}\\
&+4m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{410}^{(21)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{401}^{(11)} - 4m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{320}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{221}^{(00)} - 2m_{000}^{(10)}(m_{010}^{(22)})^2m_{410}^{(21)} + m_{000}^{(10)}(m_{010}^{(22)})^2m_{401}^{(11)}\\
&+2m_{000}^{(10)}(m_{010}^{(22)})^2m_{320}^{(20)} - m_{000}^{(10)}(m_{010}^{(22)})^2m_{221}^{(00)} + m_{000}^{(10)}(m_{001}^{(00)})^2m_{041}^{(22)}
\end{aligned}
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\begin{aligned}
&-2m_{000}^{(10)}(m_{001}^{(00)})^2m_{032}^{(21)} + m_{000}^{(10)}(m_{001}^{(00)})^2m_{023}^{(11)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(10)}m_{131}^{(22)}\\
&+4m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(10)}m_{122}^{(21)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(10)}m_{113}^{(11)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(20)}m_{140}^{(22)}\\
&+4m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(20)}m_{131}^{(21)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(20)}m_{122}^{(11)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{230}^{(22)}\\
&-4m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{221}^{(21)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{212}^{(11)} - 2m_{000}^{(10)}(m_{001}^{(10)})^2m_{212}^{(21)}\\
&+m_{000}^{(10)}(m_{001}^{(10)})^2m_{203}^{(11)} + 2m_{000}^{(10)}(m_{001}^{(10)})^2m_{122}^{(20)} - m_{000}^{(10)}(m_{001}^{(10)})^2m_{023}^{(00)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(11)}m_{311}^{(22)} - 4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(11)}m_{212}^{(20)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(11)}m_{113}^{(00)}\\
&+4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{230}^{(22)} - 4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{221}^{(21)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{212}^{(11)}\\
&-4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{131}^{(20)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{032}^{(00)} - 4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{320}^{(22)}\\
&+4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{311}^{(21)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{302}^{(11)} + 4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{221}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{122}^{(00)} - m_{000}^{(10)}(m_{001}^{(11)})^2m_{401}^{(22)} + 2m_{000}^{(10)}(m_{001}^{(11)})^2m_{302}^{(20)}\\
&-m_{000}^{(10)}(m_{001}^{(11)})^2m_{203}^{(00)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{320}^{(22)} + 4m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{221}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{122}^{(00)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{410}^{(22)} - 4m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{311}^{(20)}\\
&+2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{212}^{(00)} - 2m_{000}^{(10)}(m_{001}^{(20)})^2m_{230}^{(21)} + m_{000}^{(10)}(m_{001}^{(20)})^2m_{221}^{(11)}\\
&+2m_{000}^{(10)}(m_{001}^{(20)})^2m_{140}^{(20)} - m_{000}^{(10)}(m_{001}^{(20)})^2m_{041}^{(00)} + 4m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{320}^{(21)}\\
&-2m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{311}^{(11)} - 4m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{230}^{(20)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{131}^{(00)}\\
&-2m_{000}^{(10)}(m_{001}^{(21)})^2m_{410}^{(21)} + m_{000}^{(10)}(m_{001}^{(21)})^2m_{401}^{(11)} + 2m_{000}^{(10)}(m_{001}^{(21)})^2m_{320}^{(20)}\\
&-m_{000}^{(10)}(m_{001}^{(21)})^2m_{221}^{(00)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(10)}m_{113}^{(22)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(10)}m_{104}^{(21)}\\
&-2m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(10)}m_{014}^{(20)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(10)}m_{005}^{(10)} - m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(11)}m_{203}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(11)}m_{104}^{(20)} - m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(11)}m_{005}^{(00)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(20)}m_{122}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(20)}m_{113}^{(21)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(20)}m_{023}^{(20)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(20)}m_{014}^{(10)}\\
&+2m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(21)}m_{203}^{(21)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(21)}m_{113}^{(20)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(21)}m_{104}^{(10)}\\
&+2m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(21)}m_{014}^{(00)} + m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(22)}m_{221}^{(22)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(22)}m_{212}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(22)}m_{113}^{(10)} - m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(22)}m_{023}^{(00)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(10)}m_{122}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(10)}m_{113}^{(21)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(10)}m_{023}^{(20)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(10)}m_{014}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(11)}m_{212}^{(22)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(11)}m_{113}^{(20)} + m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(11)}m_{014}^{(00)}\\
&+2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(20)}m_{131}^{(22)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(20)}m_{122}^{(21)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(20)}m_{032}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(20)}m_{023}^{(10)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(21)}m_{212}^{(21)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(21)}m_{122}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(21)}m_{113}^{(10)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(21)}m_{023}^{(00)} - m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(22)}m_{230}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(22)}m_{221}^{(21)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(22)}m_{122}^{(10)} + m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(22)}m_{032}^{(00)}\\
&-m_{000}^{(11)}(m_{100}^{(10)})^2m_{113}^{(22)} + m_{000}^{(11)}(m_{100}^{(10)})^2m_{104}^{(21)} + m_{000}^{(11)}(m_{100}^{(10)})^2m_{014}^{(20)}\\
&-m_{000}^{(11)}(m_{100}^{(10)})^2m_{005}^{(10)} + m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(11)}m_{203}^{(22)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(11)}m_{104}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(11)}m_{005}^{(00)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(20)}m_{122}^{(22)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(20)}m_{113}^{(21)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(20)}m_{023}^{(20)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(20)}m_{014}^{(10)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(21)}m_{203}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(21)}m_{113}^{(20)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(21)}m_{104}^{(10)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(21)}m_{014}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{221}^{(22)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{212}^{(21)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{113}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{023}^{(00)} - m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(10)}m_{203}^{(22)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(10)}m_{104}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(10)}m_{005}^{(00)} + m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(20)}m_{212}^{(22)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(20)}m_{113}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(20)}m_{014}^{(00)} + m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(21)}m_{302}^{(22)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(21)}m_{203}^{(20)}
\end{aligned}
$$

$$+m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(21)}m_{104}^{(00)} - m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(22)}m_{311}^{(22)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(22)}m_{212}^{(20)}$$
$$-m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(22)}m_{113}^{(00)} + 3m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(10)}m_{212}^{(22)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(10)}m_{203}^{(21)}$$
$$-4m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(10)}m_{113}^{(20)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(10)}m_{104}^{(10)} + m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(10)}m_{014}^{(00)}$$
$$-m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(11)}m_{302}^{(22)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(11)}m_{203}^{(20)} - m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(11)}m_{104}^{(00)}$$
$$-3m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{221}^{(22)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{212}^{(21)} + 4m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{122}^{(20)}$$
$$-2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{113}^{(10)} - m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{023}^{(00)} - m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(21)}m_{311}^{(22)}$$
$$+2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(21)}m_{302}^{(21)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(21)}m_{203}^{(10)} + m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(21)}m_{113}^{(00)}$$
$$+2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(22)}m_{320}^{(22)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(22)}m_{311}^{(21)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(22)}m_{221}^{(20)}$$
$$+2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(22)}m_{212}^{(10)} - m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(20)}m_{212}^{(22)} + 2m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(20)}m_{113}^{(20)}$$
$$-m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(20)}m_{014}^{(00)} - m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(21)}m_{302}^{(22)} + 2m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(21)}m_{203}^{(20)}$$
$$-m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(21)}m_{104}^{(00)} + m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(22)}m_{311}^{(22)} - 2m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(22)}m_{212}^{(20)}$$
$$+m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(22)}m_{113}^{(00)} - m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(10)}m_{302}^{(22)} + 2m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(10)}m_{203}^{(20)}$$
$$-m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(10)}m_{104}^{(00)} + m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(20)}m_{311}^{(22)} - 2m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(20)}m_{212}^{(20)}$$
$$+m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(20)}m_{113}^{(00)} + m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(21)}m_{401}^{(22)} - 2m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(21)}m_{302}^{(20)}$$
$$+m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(21)}m_{203}^{(00)} - m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(22)}m_{410}^{(22)} + 2m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(22)}m_{311}^{(20)}$$
$$-m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(22)}m_{212}^{(00)} - m_{000}^{(11)}(m_{100}^{(20)})^2m_{131}^{(22)} + m_{000}^{(11)}(m_{100}^{(20)})^2m_{122}^{(21)}$$
$$+m_{000}^{(11)}(m_{100}^{(20)})^2m_{032}^{(20)} - m_{000}^{(11)}(m_{100}^{(20)})^2m_{023}^{(10)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{212}^{(21)}$$
$$-2m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{122}^{(20)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{113}^{(10)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{023}^{(00)}$$
$$+m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{230}^{(22)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{221}^{(21)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{122}^{(10)}$$
$$-m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{032}^{(00)} - 3m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{212}^{(22)} + 4m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{203}^{(21)}$$
$$+2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{113}^{(20)} - 4m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{104}^{(10)} + m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{014}^{(00)}$$
$$+2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(11)}m_{302}^{(22)} - 4m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(11)}m_{203}^{(20)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(11)}m_{104}^{(00)}$$
$$+3m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{221}^{(22)} - 4m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{212}^{(21)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{122}^{(20)}$$
$$+4m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{113}^{(10)} - m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{023}^{(00)} - m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{311}^{(22)}$$
$$-4m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{302}^{(21)} + 6m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{212}^{(20)} + 4m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{203}^{(10)}$$
$$-5m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{113}^{(00)} - m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{320}^{(22)} + 4m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{311}^{(21)}$$
$$-2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{221}^{(20)} - 4m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{212}^{(10)} + 3m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{122}^{(00)}$$
$$+m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{221}^{(22)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{212}^{(21)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{113}^{(10)}$$
$$-m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{023}^{(00)} - m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{311}^{(22)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{212}^{(20)}$$
$$-m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{113}^{(00)} - m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(20)}m_{230}^{(22)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(20)}m_{221}^{(21)}$$
$$-2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(20)}m_{122}^{(10)} + m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(20)}m_{032}^{(00)} + m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{320}^{(22)}$$
$$+2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{311}^{(21)} - 4m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{221}^{(20)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{212}^{(10)}$$
$$+3m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{122}^{(00)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{320}^{(21)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{230}^{(20)}$$
$$+2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{221}^{(10)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{131}^{(00)} + m_{000}^{(11)}(m_{100}^{(21)})^2m_{311}^{(22)}$$
$$+m_{000}^{(11)}(m_{100}^{(21)})^2m_{302}^{(21)} - 3m_{000}^{(11)}(m_{100}^{(21)})^2m_{212}^{(20)} - m_{000}^{(11)}(m_{100}^{(21)})^2m_{203}^{(10)}$$
$$+2m_{000}^{(11)}(m_{100}^{(21)})^2m_{113}^{(00)} - m_{000}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{320}^{(22)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{311}^{(21)}$$
$$+4m_{000}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{221}^{(20)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{212}^{(10)} - 3m_{000}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{122}^{(00)}$$
$$+m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(10)}m_{302}^{(22)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(10)}m_{203}^{(20)} + m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(10)}m_{104}^{(00)}$$

$$
\begin{aligned}
&-m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{311}^{(22)}+2m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{212}^{(20)}-m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{113}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(21)}m_{401}^{(22)}+2m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(21)}m_{302}^{(20)}-m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(21)}m_{203}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(22)}m_{410}^{(22)}-2m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(22)}m_{311}^{(20)}+m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(22)}m_{212}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{311}^{(22)}+2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{302}^{(21)}-2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{203}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{113}^{(00)}+m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(11)}m_{401}^{(22)}-2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(11)}m_{302}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(11)}m_{203}^{(00)}+m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{320}^{(22)}-2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{311}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{212}^{(10)}-m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{122}^{(00)}-m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(21)}m_{410}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(21)}m_{401}^{(21)}+4m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(21)}m_{311}^{(20)}+2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(21)}m_{302}^{(10)}\\
&-3m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(21)}m_{212}^{(00)}+2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{410}^{(21)}-2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{320}^{(20)}\\
&-2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{311}^{(10)}+2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{221}^{(00)}+m_{000}^{(11)}(m_{100}^{(22)})^2m_{320}^{(21)}\\
&-m_{000}^{(11)}(m_{100}^{(22)})^2m_{230}^{(20)}-m_{000}^{(11)}(m_{100}^{(22)})^2m_{221}^{(10)}+m_{000}^{(11)}(m_{100}^{(22)})^2m_{131}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{311}^{(22)}-2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{302}^{(21)}+2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{203}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{113}^{(00)}-m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(11)}m_{401}^{(22)}+2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(11)}m_{302}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(11)}m_{203}^{(00)}-m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{320}^{(22)}+2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{311}^{(21)}\\
&-2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{212}^{(10)}+m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{122}^{(00)}+m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{410}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{401}^{(21)}-4m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{311}^{(20)}-2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{302}^{(10)}\\
&+3m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{212}^{(00)}-2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(22)}m_{410}^{(21)}+2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(22)}m_{320}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(22)}m_{311}^{(10)}-2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(22)}m_{221}^{(00)}-m_{000}^{(11)}(m_{010}^{(00)})^2m_{113}^{(22)}\\
&+m_{000}^{(11)}(m_{010}^{(00)})^2m_{104}^{(21)}+m_{000}^{(11)}(m_{010}^{(00)})^2m_{014}^{(20)}-m_{000}^{(11)}(m_{010}^{(00)})^2m_{005}^{(10)}\\
&+m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(10)}m_{203}^{(22)}-2m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(10)}m_{104}^{(20)}+m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(10)}m_{005}^{(00)}\\
&+3m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(20)}m_{212}^{(22)}-4m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(20)}m_{203}^{(21)}-2m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(20)}m_{113}^{(20)}\\
&+4m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(20)}m_{104}^{(10)}-m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(20)}m_{014}^{(00)}-m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(21)}m_{302}^{(22)}\\
&+2m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(21)}m_{203}^{(20)}-m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(21)}m_{104}^{(00)}-m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(22)}m_{311}^{(22)}\\
&+2m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(22)}m_{302}^{(21)}-2m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(22)}m_{203}^{(10)}+m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(22)}m_{113}^{(00)}\\
&+2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(00)}m_{122}^{(22)}-2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(00)}m_{113}^{(21)}-2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(00)}m_{023}^{(20)}\\
&+2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(00)}m_{014}^{(10)}-m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(10)}m_{212}^{(22)}+2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(10)}m_{113}^{(20)}\\
&-m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(10)}m_{014}^{(00)}-3m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{221}^{(22)}+4m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{212}^{(21)}\\
&+2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{122}^{(20)}-4m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{113}^{(10)}+m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{023}^{(00)}\\
&+m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(21)}m_{311}^{(22)}-2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(21)}m_{212}^{(20)}+m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(21)}m_{113}^{(00)}\\
&+m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(22)}m_{320}^{(22)}-2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(22)}m_{311}^{(21)}+2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(22)}m_{212}^{(10)}\\
&-m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(22)}m_{122}^{(00)}-2m_{000}^{(11)}m_{010}^{(10)}m_{010}^{(20)}m_{302}^{(22)}+4m_{000}^{(11)}m_{010}^{(10)}m_{010}^{(20)}m_{203}^{(20)}\\
&-2m_{000}^{(11)}m_{010}^{(10)}m_{010}^{(20)}m_{104}^{(00)}+m_{000}^{(11)}m_{010}^{(10)}m_{010}^{(22)}m_{401}^{(22)}-2m_{000}^{(11)}m_{010}^{(10)}m_{010}^{(22)}m_{302}^{(20)}\\
&+m_{000}^{(11)}m_{010}^{(10)}m_{010}^{(22)}m_{203}^{(00)}-3m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{212}^{(22)}+2m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{203}^{(21)}\\
&+4m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{113}^{(20)}-2m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{104}^{(10)}-m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{014}^{(00)}\\
&+m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(10)}m_{302}^{(22)}-2m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(10)}m_{203}^{(20)}+m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(10)}m_{104}^{(00)}\\
&+5m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{311}^{(22)}-4m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{302}^{(21)}-6m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{212}^{(20)}\\
&+4m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{203}^{(10)}+m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{113}^{(00)}-m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(21)}m_{401}^{(22)}\\
&+2m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(21)}m_{302}^{(20)}-m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(21)}m_{203}^{(00)}-2m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(22)}m_{410}^{(22)}
\end{aligned}
$$

$$+2m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(22)}m_{401}^{(21)}+2m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(22)}m_{311}^{(20)}-2m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(22)}m_{302}^{(10)}$$
$$+m_{000}^{(11)}m_{010}^{(11)}m_{001}^{(00)}m_{302}^{(22)}-2m_{000}^{(11)}m_{010}^{(11)}m_{001}^{(00)}m_{203}^{(20)}+m_{000}^{(11)}m_{010}^{(11)}m_{001}^{(00)}m_{104}^{(00)}$$
$$-2m_{000}^{(11)}m_{010}^{(11)}m_{001}^{(20)}m_{401}^{(22)}+4m_{000}^{(11)}m_{010}^{(11)}m_{001}^{(20)}m_{302}^{(20)}-2m_{000}^{(11)}m_{010}^{(11)}m_{001}^{(20)}m_{203}^{(00)}$$
$$+m_{000}^{(11)}m_{010}^{(11)}m_{001}^{(22)}m_{500}^{(22)}-2m_{000}^{(11)}m_{010}^{(11)}m_{001}^{(20)}m_{401}^{(20)}+m_{000}^{(11)}m_{010}^{(11)}m_{001}^{(22)}m_{302}^{(00)}$$
$$-2m_{000}^{(11)}(m_{010}^{(20)})^2m_{311}^{(22)}+4m_{000}^{(11)}(m_{010}^{(20)})^2m_{302}^{(21)}-4m_{000}^{(11)}(m_{010}^{(20)})^2m_{203}^{(10)}$$
$$+2m_{000}^{(11)}(m_{010}^{(20)})^2m_{113}^{(00)}+2m_{000}^{(11)}m_{010}^{(20)}m_{010}^{(21)}m_{401}^{(22)}-4m_{000}^{(11)}m_{010}^{(20)}m_{010}^{(21)}m_{302}^{(20)}$$
$$+2m_{000}^{(11)}m_{010}^{(20)}m_{010}^{(21)}m_{203}^{(00)}+m_{000}^{(11)}m_{010}^{(20)}m_{010}^{(22)}m_{410}^{(22)}-4m_{000}^{(11)}m_{010}^{(20)}m_{010}^{(22)}m_{401}^{(21)}$$
$$+2m_{000}^{(11)}m_{010}^{(20)}m_{010}^{(22)}m_{311}^{(20)}+4m_{000}^{(11)}m_{010}^{(20)}m_{010}^{(22)}m_{302}^{(10)}-3m_{000}^{(11)}m_{010}^{(20)}m_{010}^{(22)}m_{212}^{(00)}$$
$$-m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{221}^{(22)}+2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{212}^{(21)}-2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{113}^{(10)}$$
$$+m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{023}^{(00)}+m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{311}^{(22)}-2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{212}^{(20)}$$
$$+m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{113}^{(00)}+m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{320}^{(22)}-4m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{311}^{(21)}$$
$$+2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{221}^{(20)}+4m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{212}^{(10)}-3m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{122}^{(00)}$$
$$-m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{410}^{(22)}+2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{311}^{(20)}-m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{212}^{(00)}$$
$$+2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{410}^{(21)}-2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{320}^{(20)}-2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{311}^{(10)}$$
$$+2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{221}^{(00)}-m_{000}^{(11)}m_{010}^{(21)}m_{010}^{(22)}m_{500}^{(22)}+2m_{000}^{(11)}m_{010}^{(21)}m_{010}^{(22)}m_{401}^{(20)}$$
$$-m_{000}^{(11)}m_{010}^{(21)}m_{010}^{(22)}m_{302}^{(00)}+m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{311}^{(22)}-2m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{302}^{(21)}$$
$$+2m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{203}^{(10)}-m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{113}^{(00)}-m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(10)}m_{401}^{(22)}$$
$$+2m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(10)}m_{302}^{(20)}-m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(10)}m_{203}^{(00)}-m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{410}^{(22)}$$
$$+4m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{401}^{(21)}-2m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{311}^{(20)}-4m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{302}^{(10)}$$
$$+3m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{212}^{(00)}+m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(21)}m_{500}^{(22)}-2m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(21)}m_{401}^{(20)}$$
$$+m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(21)}m_{302}^{(00)}-2m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(22)}m_{500}^{(21)}+2m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(22)}m_{410}^{(20)}$$
$$+2m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(22)}m_{401}^{(10)}-2m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(22)}m_{311}^{(00)}+m_{000}^{(11)}(m_{010}^{(22)})^2m_{500}^{(21)}$$
$$-m_{000}^{(11)}(m_{010}^{(22)})^2m_{410}^{(20)}-m_{000}^{(11)}(m_{010}^{(22)})^2m_{401}^{(10)}+m_{000}^{(11)}(m_{010}^{(22)})^2m_{311}^{(00)}$$
$$-m_{000}^{(11)}(m_{001}^{(00)})^2m_{131}^{(22)}+m_{000}^{(11)}(m_{001}^{(00)})^2m_{122}^{(21)}+m_{000}^{(11)}(m_{001}^{(00)})^2m_{032}^{(20)}$$
$$-m_{000}^{(11)}(m_{001}^{(00)})^2m_{023}^{(10)}+3m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{221}^{(22)}-2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{212}^{(21)}$$
$$-4m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{122}^{(20)}+2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{113}^{(10)}+m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{023}^{(00)}$$
$$-m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{311}^{(22)}+2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{212}^{(20)}-m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{113}^{(00)}$$
$$+m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{230}^{(22)}-2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{221}^{(21)}+2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{122}^{(10)}$$
$$-m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{032}^{(00)}-m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{320}^{(22)}+2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{311}^{(21)}$$
$$-2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{212}^{(10)}+m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{122}^{(00)}-2m_{000}^{(11)}(m_{001}^{(10)})^2m_{311}^{(22)}$$
$$+m_{000}^{(11)}(m_{001}^{(10)})^2m_{302}^{(21)}+3m_{000}^{(11)}(m_{001}^{(10)})^2m_{212}^{(20)}-m_{000}^{(11)}(m_{001}^{(10)})^2m_{203}^{(10)}$$
$$-m_{000}^{(11)}(m_{001}^{(10)})^2m_{113}^{(00)}+m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(11)}m_{401}^{(22)}-2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(11)}m_{302}^{(20)}$$
$$+m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(11)}m_{203}^{(00)}-2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{320}^{(22)}+2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{311}^{(21)}$$
$$+2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{221}^{(20)}-2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{212}^{(10)}+2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{410}^{(22)}$$
$$-2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{401}^{(21)}-2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{311}^{(20)}+2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{302}^{(10)}$$
$$+m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{410}^{(22)}-2m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{311}^{(20)}+m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{212}^{(00)}$$
$$-m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(21)}m_{500}^{(22)}+2m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(21)}m_{401}^{(20)}-m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(21)}m_{302}^{(00)}$$
$$+m_{000}^{(11)}(m_{001}^{(20)})^2m_{320}^{(21)}-m_{000}^{(11)}(m_{001}^{(20)})^2m_{230}^{(20)}-m_{000}^{(11)}(m_{001}^{(20)})^2m_{221}^{(10)}$$

$$+m_{000}^{(11)}(m_{001}^{(20)})^2m_{131}^{(00)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{410}^{(21)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{320}^{(20)}$$
$$+2m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{311}^{(10)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{221}^{(00)} + m_{000}^{(11)}(m_{001}^{(21)})^2m_{500}^{(21)}$$
$$-m_{000}^{(11)}(m_{001}^{(21)})^2m_{410}^{(20)} - m_{000}^{(11)}(m_{001}^{(21)})^2m_{401}^{(10)} + m_{000}^{(11)}(m_{001}^{(21)})^2m_{311}^{(00)}$$
$$+2m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(10)}m_{032}^{(22)} - 4m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(10)}m_{023}^{(21)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(10)}m_{014}^{(11)}$$
$$-2m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(11)}m_{122}^{(22)} + 4m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(11)}m_{113}^{(21)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(11)}m_{104}^{(11)}$$
$$-2m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(20)}m_{041}^{(22)} + 4m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(20)}m_{032}^{(21)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(20)}m_{023}^{(11)}$$
$$+2m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(21)}m_{131}^{(22)} - 4m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(21)}m_{122}^{(21)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(21)}m_{113}^{(11)}$$
$$-2m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(10)}m_{041}^{(22)} + 4m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(10)}m_{032}^{(21)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(10)}m_{023}^{(11)}$$
$$+2m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(11)}m_{131}^{(22)} - 4m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(11)}m_{122}^{(21)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(11)}m_{113}^{(11)}$$
$$+2m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(20)}m_{050}^{(22)} - 4m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(20)}m_{041}^{(21)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(20)}m_{032}^{(11)}$$
$$-2m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(21)}m_{140}^{(22)} + 4m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(21)}m_{131}^{(21)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(21)}m_{122}^{(11)}$$
$$-m_{000}^{(20)}(m_{100}^{(10)})^2m_{032}^{(22)} + 2m_{000}^{(20)}(m_{100}^{(10)})^2m_{023}^{(21)} - m_{000}^{(20)}(m_{100}^{(10)})^2m_{014}^{(11)}$$
$$+2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(11)}m_{122}^{(22)} - 4m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(11)}m_{113}^{(21)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(11)}m_{104}^{(11)}$$
$$+2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(20)}m_{041}^{(22)} - 4m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(20)}m_{032}^{(21)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(20)}m_{023}^{(11)}$$
$$-2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(21)}m_{131}^{(22)} + 4m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(21)}m_{122}^{(21)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(21)}m_{113}^{(11)}$$
$$-2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(10)}m_{122}^{(22)} + 4m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(10)}m_{113}^{(21)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(10)}m_{104}^{(11)}$$
$$+2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(11)}m_{212}^{(22)} - 4m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(11)}m_{203}^{(21)} + 4m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(11)}m_{104}^{(10)}$$
$$-2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(11)}m_{014}^{(00)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(20)}m_{131}^{(22)} - 4m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(20)}m_{122}^{(21)}$$
$$+2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(20)}m_{113}^{(11)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{221}^{(22)} + 4m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{212}^{(21)}$$
$$+2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{203}^{(11)} - 8m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{113}^{(10)} + 4m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{023}^{(00)}$$
$$-2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(22)}m_{212}^{(11)} + 4m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(22)}m_{122}^{(10)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(22)}m_{032}^{(00)}$$
$$+4m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(10)}m_{131}^{(22)} - 8m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(10)}m_{122}^{(21)} + 4m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(10)}m_{113}^{(11)}$$
$$-4m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(11)}m_{221}^{(22)} + 8m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(11)}m_{212}^{(21)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(11)}m_{203}^{(11)}$$
$$-4m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(11)}m_{113}^{(10)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(11)}m_{023}^{(00)} - 4m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(20)}m_{140}^{(22)}$$
$$+8m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(20)}m_{131}^{(21)} - 4m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(20)}m_{122}^{(11)} + 4m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(21)}m_{230}^{(22)}$$
$$-8m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(21)}m_{221}^{(21)} + 8m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(21)}m_{122}^{(10)} - 4m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(21)}m_{032}^{(00)}$$
$$+2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(22)}m_{221}^{(11)} - 4m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(22)}m_{131}^{(10)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(22)}m_{041}^{(00)}$$
$$-m_{000}^{(20)}(m_{100}^{(11)})^2m_{212}^{(22)} + 2m_{000}^{(20)}(m_{100}^{(11)})^2m_{203}^{(21)} - 2m_{000}^{(20)}(m_{100}^{(11)})^2m_{104}^{(10)}$$
$$+m_{000}^{(20)}(m_{100}^{(11)})^2m_{014}^{(00)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(20)}m_{131}^{(22)} + 4m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(20)}m_{122}^{(21)}$$
$$-2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(20)}m_{113}^{(11)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(21)}m_{221}^{(22)} - 4m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(21)}m_{212}^{(21)}$$
$$-2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(21)}m_{203}^{(11)} + 8m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(21)}m_{113}^{(10)} - 4m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(21)}m_{023}^{(00)}$$
$$+2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(22)}m_{212}^{(11)} - 4m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(22)}m_{122}^{(10)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(22)}m_{032}^{(00)}$$
$$-2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(10)}m_{221}^{(22)} + 4m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(10)}m_{212}^{(21)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(10)}m_{203}^{(11)}$$
$$+2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(11)}m_{311}^{(22)} - 4m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(11)}m_{302}^{(21)} + 4m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(11)}m_{203}^{(10)}$$
$$-2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(11)}m_{113}^{(00)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(20)}m_{230}^{(22)} - 4m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(20)}m_{221}^{(21)}$$
$$+2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(20)}m_{212}^{(11)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(21)}m_{320}^{(22)} + 4m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(21)}m_{311}^{(21)}$$
$$+2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(21)}m_{302}^{(11)} - 8m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(21)}m_{212}^{(10)} + 4m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(21)}m_{122}^{(00)}$$
$$-2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(22)}m_{311}^{(11)} + 4m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(22)}m_{221}^{(10)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(22)}m_{131}^{(00)}$$

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\begin{aligned}
&-m_{000}^{(20)}(m_{100}^{(20)})^2m_{050}^{(22)} + 2m_{000}^{(20)}(m_{100}^{(20)})^2m_{041}^{(21)} - m_{000}^{(20)}(m_{100}^{(20)})^2m_{032}^{(11)} \\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(21)}m_{140}^{(22)} - 4m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(21)}m_{131}^{(21)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(21)}m_{122}^{(11)} \\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(10)}m_{131}^{(22)} + 4m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(10)}m_{122}^{(21)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(10)}m_{113}^{(11)} \\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{221}^{(22)} - 4m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{212}^{(21)} + 4m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{203}^{(11)} \\
&-4m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{113}^{(10)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{023}^{(00)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(20)}m_{140}^{(22)} \\
&-4m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(20)}m_{131}^{(21)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(20)}m_{122}^{(11)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{230}^{(22)} \\
&+4m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{221}^{(21)} - 6m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{212}^{(11)} + 8m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{122}^{(10)} \\
&-4m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{032}^{(00)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(22)}m_{221}^{(11)} - 4m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(22)}m_{131}^{(10)} \\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(22)}m_{041}^{(00)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(11)}m_{212}^{(11)} + 4m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(11)}m_{122}^{(10)} \\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(11)}m_{032}^{(00)} + 4m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(21)}m_{221}^{(11)} - 8m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(21)}m_{131}^{(10)} \\
&+4m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(21)}m_{041}^{(00)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(22)}m_{230}^{(11)} + 4m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(22)}m_{140}^{(10)} \\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(22)}m_{050}^{(00)} - m_{000}^{(20)}(m_{100}^{(21)})^2m_{230}^{(22)} + 2m_{000}^{(20)}(m_{100}^{(21)})^2m_{221}^{(21)} \\
&+3m_{000}^{(20)}(m_{100}^{(21)})^2m_{212}^{(11)} - 8m_{000}^{(20)}(m_{100}^{(21)})^2m_{122}^{(10)} + 4m_{000}^{(20)}(m_{100}^{(21)})^2m_{032}^{(00)} \\
&-4m_{000}^{(20)}m_{100}^{(21)}m_{100}^{(22)}m_{221}^{(11)} + 8m_{000}^{(20)}m_{100}^{(21)}m_{100}^{(22)}m_{131}^{(10)} - 4m_{000}^{(20)}m_{100}^{(21)}m_{100}^{(22)}m_{041}^{(00)} \\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{221}^{(22)} - 4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{212}^{(21)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{203}^{(11)} \\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{311}^{(22)} + 4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{302}^{(21)} - 4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{203}^{(10)} \\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{113}^{(00)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{230}^{(22)} + 4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{221}^{(21)} \\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{212}^{(11)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{320}^{(22)} - 4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{311}^{(21)} \\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{302}^{(11)} + 8m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{212}^{(10)} - 4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{122}^{(00)} \\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(22)}m_{311}^{(11)} - 4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(22)}m_{221}^{(10)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(22)}m_{131}^{(00)} \\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(11)}m_{302}^{(11)} - 4m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(11)}m_{212}^{(10)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(11)}m_{122}^{(00)} \\
&-4m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(21)}m_{311}^{(11)} + 8m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(21)}m_{221}^{(10)} - 4m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(21)}m_{131}^{(00)} \\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(22)}m_{320}^{(11)} - 4m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(22)}m_{230}^{(10)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(22)}m_{140}^{(00)} \\
&+m_{000}^{(20)}(m_{100}^{(22)})^2m_{230}^{(11)} - 2m_{000}^{(20)}(m_{100}^{(22)})^2m_{140}^{(10)} + m_{000}^{(20)}(m_{100}^{(22)})^2m_{050}^{(00)} \\
&-2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{302}^{(11)} + 4m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{212}^{(10)} - 2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{122}^{(00)} \\
&+4m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(21)}m_{311}^{(11)} - 8m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(21)}m_{221}^{(10)} + 4m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(21)}m_{131}^{(00)} \\
&-2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(22)}m_{320}^{(11)} + 4m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(22)}m_{230}^{(10)} - 2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(22)}m_{140}^{(00)} \\
&-m_{000}^{(20)}(m_{010}^{(00)})^2m_{032}^{(22)} + 2m_{000}^{(20)}(m_{010}^{(00)})^2m_{023}^{(21)} - m_{000}^{(20)}(m_{010}^{(00)})^2m_{014}^{(11)} \\
&+2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(10)}m_{122}^{(22)} - 4m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(10)}m_{113}^{(21)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(10)}m_{104}^{(11)} \\
&+2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(20)}m_{131}^{(22)} - 4m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(20)}m_{122}^{(21)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(20)}m_{113}^{(11)} \\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{221}^{(22)} + 4m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{212}^{(21)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{203}^{(11)} \\
&+2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(00)}m_{041}^{(22)} - 4m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(00)}m_{032}^{(21)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(00)}m_{023}^{(11)} \\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(10)}m_{131}^{(22)} + 4m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(10)}m_{122}^{(21)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(10)}m_{113}^{(11)} \\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(20)}m_{140}^{(22)} + 4m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(20)}m_{131}^{(21)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(20)}m_{122}^{(11)} \\
&+2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{230}^{(22)} - 4m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{221}^{(21)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{212}^{(11)} \\
&-m_{000}^{(20)}(m_{010}^{(10)})^2m_{212}^{(22)} + 2m_{000}^{(20)}(m_{010}^{(10)})^2m_{203}^{(21)} - 2m_{000}^{(20)}(m_{010}^{(10)})^2m_{104}^{(10)} \\
&+m_{000}^{(20)}(m_{010}^{(10)})^2m_{014}^{(00)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{221}^{(22)} + 4m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{212}^{(21)} \\
&-4m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{203}^{(11)} + 4m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{113}^{(10)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{023}^{(00)}
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&+2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{311}^{(22)} - 4m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{302}^{(21)} + 4m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{203}^{(10)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{113}^{(00)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{302}^{(11)} - 4m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{212}^{(10)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{122}^{(00)} - 4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(00)}m_{131}^{(22)} + 8m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(00)}m_{122}^{(21)}\\
&-4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(00)}m_{113}^{(11)} + 4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{221}^{(22)} - 8m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{212}^{(21)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{203}^{(11)} + 4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{113}^{(10)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{023}^{(00)}\\
&+4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{230}^{(22)} - 8m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{221}^{(21)} + 6m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{212}^{(11)}\\
&-4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{122}^{(10)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{032}^{(00)} - 4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{320}^{(22)}\\
&+8m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{311}^{(21)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{302}^{(11)} - 4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{212}^{(10)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{122}^{(00)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(22)}m_{311}^{(11)} + 4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(22)}m_{221}^{(10)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(22)}m_{131}^{(00)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{221}^{(22)} - 4m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{212}^{(21)}\\
&+2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{203}^{(11)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{311}^{(22)} + 4m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{302}^{(21)}\\
&-4m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{203}^{(10)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{113}^{(00)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{320}^{(22)}\\
&+4m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{311}^{(21)} - 4m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{302}^{(11)} + 4m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{212}^{(10)}\\
&-2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{122}^{(00)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{410}^{(22)} - 4m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{401}^{(21)}\\
&+4m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{302}^{(10)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{212}^{(00)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(22)}m_{401}^{(11)}\\
&-4m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(22)}m_{311}^{(10)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(22)}m_{221}^{(00)} - m_{000}^{(20)}(m_{010}^{(20)})^2m_{230}^{(22)}\\
&+2m_{000}^{(20)}(m_{010}^{(20)})^2m_{221}^{(21)} - 2m_{000}^{(20)}(m_{010}^{(20)})^2m_{122}^{(10)} + m_{000}^{(20)}(m_{010}^{(20)})^2m_{032}^{(00)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{320}^{(22)} - 4m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{311}^{(21)} + 4m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{302}^{(11)}\\
&-4m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{212}^{(10)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{122}^{(00)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(22)}m_{311}^{(11)}\\
&+4m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(22)}m_{221}^{(10)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(22)}m_{131}^{(00)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{212}^{(11)}\\
&-4m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{122}^{(10)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{032}^{(00)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(20)}m_{221}^{(11)}\\
&+4m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(20)}m_{131}^{(10)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(20)}m_{041}^{(00)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(21)}m_{311}^{(11)}\\
&+4m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(21)}m_{221}^{(10)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(21)}m_{131}^{(00)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(22)}m_{320}^{(11)}\\
&-4m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(22)}m_{230}^{(10)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(22)}m_{140}^{(00)} - m_{000}^{(20)}(m_{010}^{(21)})^2m_{410}^{(22)}\\
&+2m_{000}^{(20)}(m_{010}^{(21)})^2m_{401}^{(21)} - 2m_{000}^{(20)}(m_{010}^{(21)})^2m_{302}^{(10)} + m_{000}^{(20)}(m_{010}^{(21)})^2m_{212}^{(00)}\\
&-2m_{000}^{(20)}m_{010}^{(21)}m_{010}^{(22)}m_{401}^{(11)} + 4m_{000}^{(20)}m_{010}^{(21)}m_{010}^{(22)}m_{311}^{(10)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{010}^{(22)}m_{221}^{(00)}\\
&-2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{302}^{(11)} + 4m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{212}^{(10)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{122}^{(00)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{311}^{(11)} - 4m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{221}^{(10)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{131}^{(00)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(21)}m_{401}^{(11)} - 4m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(21)}m_{311}^{(10)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(21)}m_{221}^{(00)}\\
&-2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(22)}m_{410}^{(11)} + 4m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(22)}m_{320}^{(10)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(22)}m_{230}^{(00)}\\
&+m_{000}^{(20)}(m_{010}^{(22)})^2m_{410}^{(11)} - 2m_{000}^{(20)}(m_{010}^{(22)})^2m_{320}^{(10)} + m_{000}^{(20)}(m_{010}^{(22)})^2m_{230}^{(00)}\\
&-m_{000}^{(20)}(m_{001}^{(00)})^2m_{050}^{(22)} + 2m_{000}^{(20)}(m_{001}^{(00)})^2m_{041}^{(21)} - m_{000}^{(20)}(m_{001}^{(00)})^2m_{032}^{(11)}\\
&+4m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{140}^{(22)} - 8m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{131}^{(21)} + 4m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{122}^{(11)}\\
&-2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{230}^{(22)} + 4m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{221}^{(21)} - 2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{212}^{(11)}\\
&-4m_{000}^{(20)}(m_{001}^{(10)})^2m_{230}^{(22)} + 8m_{000}^{(20)}(m_{001}^{(10)})^2m_{221}^{(21)} - 3m_{000}^{(20)}(m_{001}^{(10)})^2m_{212}^{(11)}\\
&-2m_{000}^{(20)}(m_{001}^{(10)})^2m_{122}^{(10)} + m_{000}^{(20)}(m_{001}^{(10)})^2m_{032}^{(00)} + 4m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{320}^{(22)}\\
&-8m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{311}^{(21)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{302}^{(11)} + 4m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{212}^{(10)}\\
&-2m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{122}^{(00)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{221}^{(11)} + 4m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{131}^{(10)}
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\begin{aligned}
&-2m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{041}^{(00)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{311}^{(11)} - 4m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{221}^{(10)}\\
&+2m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{131}^{(00)} - m_{000}^{(20)}(m_{001}^{(11)})^2m_{410}^{(22)} + 2m_{000}^{(20)}(m_{001}^{(11)})^2m_{401}^{(21)}\\
&-2m_{000}^{(20)}(m_{001}^{(11)})^2m_{302}^{(10)} + m_{000}^{(20)}(m_{001}^{(11)})^2m_{212}^{(00)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{311}^{(11)}\\
&-4m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{221}^{(10)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{131}^{(00)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{401}^{(11)}\\
&+4m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{311}^{(10)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{221}^{(00)} + m_{000}^{(20)}(m_{001}^{(20)})^2m_{230}^{(11)}\\
&-2m_{000}^{(20)}(m_{001}^{(20)})^2m_{140}^{(10)} + m_{000}^{(20)}(m_{001}^{(20)})^2m_{050}^{(00)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{001}^{(21)}m_{320}^{(11)}\\
&+4m_{000}^{(20)}m_{001}^{(20)}m_{001}^{(21)}m_{230}^{(10)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{001}^{(21)}m_{140}^{(00)} + m_{000}^{(20)}(m_{001}^{(21)})^2m_{410}^{(11)}\\
&-2m_{000}^{(20)}(m_{001}^{(21)})^2m_{320}^{(10)} + m_{000}^{(20)}(m_{001}^{(21)})^2m_{230}^{(00)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(10)}m_{122}^{(22)}\\
&+2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(10)}m_{104}^{(11)} + 4m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(10)}m_{023}^{(20)} - 4m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(10)}m_{014}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(11)}m_{212}^{(22)} - 4m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(11)}m_{113}^{(20)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(11)}m_{014}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(20)}m_{131}^{(22)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(20)}m_{113}^{(11)} - 4m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(20)}m_{032}^{(20)}\\
&+4m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(20)}m_{023}^{(10)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(21)}m_{221}^{(22)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(21)}m_{203}^{(11)}\\
&+4m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(21)}m_{122}^{(20)} + 4m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(21)}m_{113}^{(10)} - 4m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(21)}m_{023}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(22)}m_{212}^{(11)} - 4m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(22)}m_{122}^{(10)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(22)}m_{032}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(10)}m_{131}^{(22)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(10)}m_{113}^{(11)} - 4m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(10)}m_{032}^{(20)}\\
&+4m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(10)}m_{023}^{(10)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(11)}m_{221}^{(22)} + 4m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(11)}m_{122}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(11)}m_{023}^{(00)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(20)}m_{140}^{(22)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(20)}m_{122}^{(11)}\\
&+4m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(20)}m_{041}^{(20)} - 4m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(20)}m_{032}^{(10)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{230}^{(22)}\\
&+2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{212}^{(11)} - 4m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{131}^{(20)} - 4m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{122}^{(10)}\\
&+4m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{032}^{(00)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(22)}m_{221}^{(11)} + 4m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(22)}m_{131}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(22)}m_{041}^{(00)} + m_{000}^{(21)}(m_{100}^{(10)})^2m_{122}^{(22)} - m_{000}^{(21)}(m_{100}^{(10)})^2m_{104}^{(11)}\\
&-2m_{000}^{(21)}(m_{100}^{(10)})^2m_{023}^{(20)} + 2m_{000}^{(21)}(m_{100}^{(10)})^2m_{014}^{(10)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(11)}m_{212}^{(22)}\\
&+4m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(11)}m_{113}^{(20)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(11)}m_{014}^{(00)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(20)}m_{131}^{(22)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(20)}m_{113}^{(11)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(20)}m_{032}^{(20)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(20)}m_{023}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(21)}m_{221}^{(22)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(21)}m_{203}^{(11)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(21)}m_{122}^{(20)}\\
&-4m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(21)}m_{113}^{(10)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(21)}m_{023}^{(00)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}m_{212}^{(11)}\\
&+4m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}m_{122}^{(10)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}m_{032}^{(00)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(10)}m_{212}^{(22)}\\
&-4m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(10)}m_{113}^{(20)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(10)}m_{014}^{(00)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(11)}m_{302}^{(22)}\\
&+4m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(11)}m_{203}^{(20)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(11)}m_{104}^{(00)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{221}^{(22)}\\
&+4m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{122}^{(20)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{023}^{(00)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(21)}m_{311}^{(22)}\\
&-4m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(21)}m_{212}^{(20)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(21)}m_{113}^{(00)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(10)}m_{221}^{(22)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(10)}m_{203}^{(11)} + 8m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(10)}m_{122}^{(20)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(10)}m_{113}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(10)}m_{023}^{(00)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(11)}m_{311}^{(22)} - 8m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(11)}m_{212}^{(20)}\\
&+4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(11)}m_{113}^{(00)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{230}^{(22)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{212}^{(11)}\\
&-8m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{131}^{(20)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{122}^{(10)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{032}^{(00)}\\
&-4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{320}^{(22)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{302}^{(11)} + 8m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{221}^{(20)}\\
&+4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{212}^{(10)} - 6m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{122}^{(00)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(22)}m_{311}^{(11)}\\
&-4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(22)}m_{221}^{(10)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(22)}m_{131}^{(00)} + m_{000}^{(21)}(m_{100}^{(11)})^2m_{302}^{(22)}
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&-2m_{000}^{(21)}(m_{100}^{(11)})^2m_{203}^{(20)} + m_{000}^{(21)}(m_{100}^{(11)})^2m_{104}^{(00)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{221}^{(22)}\\
&-4m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{122}^{(20)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{023}^{(00)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(21)}m_{311}^{(22)}\\
&+4m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(21)}m_{212}^{(20)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(21)}m_{113}^{(00)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(10)}m_{311}^{(22)}\\
&-4m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(10)}m_{212}^{(20)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(10)}m_{113}^{(00)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(11)}m_{401}^{(22)}\\
&+4m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(11)}m_{302}^{(20)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(11)}m_{203}^{(00)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{320}^{(22)}\\
&+4m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{221}^{(20)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{122}^{(00)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(21)}m_{410}^{(22)}\\
&-4m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(21)}m_{311}^{(20)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(21)}m_{212}^{(00)} + m_{000}^{(21)}(m_{100}^{(20)})^2m_{140}^{(22)}\\
&-m_{000}^{(21)}(m_{100}^{(20)})^2m_{122}^{(11)} - 2m_{000}^{(21)}(m_{100}^{(20)})^2m_{041}^{(20)} + 2m_{000}^{(21)}(m_{100}^{(20)})^2m_{032}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{230}^{(22)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{212}^{(11)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{131}^{(20)}\\
&+4m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{122}^{(10)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{032}^{(00)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(22)}m_{221}^{(11)}\\
&-4m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(22)}m_{131}^{(10)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(22)}m_{041}^{(00)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{221}^{(22)}\\
&-4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{203}^{(11)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{122}^{(20)} + 8m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{113}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{023}^{(00)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(11)}m_{311}^{(22)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(11)}m_{212}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(11)}m_{113}^{(00)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{230}^{(22)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{212}^{(11)}\\
&+4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{131}^{(20)} - 8m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{122}^{(10)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{032}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{320}^{(22)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{302}^{(11)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{221}^{(20)}\\
&-8m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{212}^{(10)} + 6m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{122}^{(00)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}m_{311}^{(11)}\\
&+8m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}m_{221}^{(10)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}m_{131}^{(00)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{212}^{(11)}\\
&-4m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{122}^{(10)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{032}^{(00)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(20)}m_{221}^{(11)}\\
&+4m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{131}^{(20)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(20)}m_{041}^{(00)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(21)}m_{311}^{(11)}\\
&+4m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(21)}m_{221}^{(10)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(21)}m_{131}^{(00)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(22)}m_{320}^{(11)}\\
&-4m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(22)}m_{230}^{(10)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(22)}m_{140}^{(00)} + m_{000}^{(21)}(m_{100}^{(21)})^2m_{320}^{(22)}\\
&-m_{000}^{(21)}(m_{100}^{(21)})^2m_{302}^{(11)} - 2m_{000}^{(21)}(m_{100}^{(21)})^2m_{221}^{(20)} + 2m_{000}^{(21)}(m_{100}^{(21)})^2m_{212}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{100}^{(22)}m_{311}^{(11)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{100}^{(22)}m_{221}^{(10)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{100}^{(22)}m_{131}^{(00)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(10)}m_{311}^{(22)} + 4m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(10)}m_{212}^{(20)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(10)}m_{113}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(11)}m_{401}^{(22)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(11)}m_{302}^{(20)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(11)}m_{203}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{320}^{(22)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{221}^{(20)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{122}^{(00)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(21)}m_{410}^{(22)} + 4m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(21)}m_{311}^{(20)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(21)}m_{212}^{(00)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{302}^{(11)} + 4m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{212}^{(10)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{122}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(20)}m_{311}^{(11)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(20)}m_{221}^{(10)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(20)}m_{131}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(21)}m_{401}^{(11)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(21)}m_{311}^{(10)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(21)}m_{221}^{(00)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(22)}m_{410}^{(11)} + 4m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(22)}m_{320}^{(10)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(22)}m_{230}^{(00)}\\
&-m_{000}^{(21)}(m_{100}^{(22)})^2m_{320}^{(11)} + 2m_{000}^{(21)}(m_{100}^{(22)})^2m_{230}^{(10)} - m_{000}^{(21)}(m_{100}^{(22)})^2m_{140}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{302}^{(11)} - 4m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{212}^{(10)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{122}^{(00)}\\
&-2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{311}^{(11)} + 4m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{221}^{(10)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{131}^{(00)}\\
&-2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(21)}m_{401}^{(11)} + 4m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(21)}m_{311}^{(10)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(21)}m_{221}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(22)}m_{410}^{(11)} - 4m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(22)}m_{320}^{(10)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(22)}m_{230}^{(00)}\\
&+m_{000}^{(21)}(m_{010}^{(00)})^2m_{122}^{(22)} - m_{000}^{(21)}(m_{010}^{(00)})^2m_{104}^{(11)} - 2m_{000}^{(21)}(m_{010}^{(00)})^2m_{023}^{(20)}
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$$+2m_{000}^{(21)}(m_{010}^{(00)})^2m_{014}^{(10)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(10)}m_{212}^{(22)} + 4m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(10)}m_{113}^{(20)}$$
$$-2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(10)}m_{014}^{(00)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{221}^{(22)} + 4m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{203}^{(11)}$$
$$+4m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{122}^{(20)} - 8m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{113}^{(10)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{023}^{(00)}$$
$$+2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{311}^{(22)} - 4m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{212}^{(20)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{113}^{(00)}$$
$$-2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{302}^{(11)} + 4m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{212}^{(10)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{122}^{(00)}$$
$$-2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(00)}m_{131}^{(22)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(00)}m_{113}^{(11)} + 4m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(00)}m_{032}^{(20)}$$
$$-4m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(00)}m_{023}^{(10)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{221}^{(22)} - 4m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{122}^{(20)}$$
$$+2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{023}^{(00)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{230}^{(22)} - 4m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{212}^{(11)}$$
$$-4m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{131}^{(20)} + 8m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{122}^{(10)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{032}^{(00)}$$
$$-2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{320}^{(22)} + 4m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{221}^{(20)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{122}^{(00)}$$
$$+2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(22)}m_{311}^{(11)} - 4m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(22)}m_{221}^{(10)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(22)}m_{131}^{(00)}$$
$$+m_{000}^{(21)}(m_{010}^{(10)})^2m_{302}^{(22)} - 2m_{000}^{(21)}(m_{010}^{(10)})^2m_{203}^{(20)} + m_{000}^{(21)}(m_{010}^{(10)})^2m_{104}^{(00)}$$
$$+2m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{311}^{(22)} - 4m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{212}^{(20)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{113}^{(00)}$$
$$-2m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(21)}m_{401}^{(22)} + 4m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(21)}m_{302}^{(20)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(21)}m_{203}^{(00)}$$
$$+4m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{221}^{(22)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{203}^{(11)} - 8m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{122}^{(20)}$$
$$+4m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{113}^{(10)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{023}^{(00)} - 4m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(10)}m_{311}^{(22)}$$
$$+8m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(10)}m_{212}^{(20)} - 4m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(10)}m_{113}^{(00)} - 4m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{320}^{(22)}$$
$$+4m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{302}^{(11)} + 8m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{221}^{(20)} - 8m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{212}^{(10)}$$
$$+4m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{410}^{(22)} - 8m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{311}^{(20)} + 4m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{212}^{(00)}$$
$$-2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(22)}m_{401}^{(11)} + 4m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(22)}m_{311}^{(10)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(22)}m_{221}^{(00)}$$
$$-2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{311}^{(22)} + 4m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{212}^{(20)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{113}^{(00)}$$
$$+2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(10)}m_{401}^{(22)} - 4m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(10)}m_{302}^{(20)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(10)}m_{203}^{(00)}$$
$$+2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(20)}m_{410}^{(22)} - 4m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(20)}m_{311}^{(20)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(20)}m_{212}^{(00)}$$
$$-2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(21)}m_{500}^{(22)} + 4m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(21)}m_{401}^{(20)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(21)}m_{302}^{(00)}$$
$$+m_{000}^{(21)}(m_{010}^{(20)})^2m_{320}^{(22)} - 4m_{000}^{(21)}(m_{010}^{(20)})^2m_{302}^{(11)} - 2m_{000}^{(21)}(m_{010}^{(20)})^2m_{221}^{(20)}$$
$$+8m_{000}^{(21)}(m_{010}^{(20)})^2m_{212}^{(10)} - 3m_{000}^{(21)}(m_{010}^{(20)})^2m_{122}^{(00)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{410}^{(22)}$$
$$+4m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{311}^{(20)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{212}^{(00)} + 4m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(22)}m_{401}^{(11)}$$
$$-8m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(22)}m_{311}^{(10)} + 4m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(22)}m_{221}^{(00)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{212}^{(11)}$$
$$+4m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{122}^{(10)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{032}^{(00)} + 4m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(20)}m_{311}^{(11)}$$
$$-8m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(20)}m_{221}^{(10)} + 4m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(20)}m_{131}^{(00)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(22)}m_{410}^{(11)}$$
$$+4m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(22)}m_{320}^{(10)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(22)}m_{230}^{(00)} + m_{000}^{(21)}(m_{010}^{(21)})^2m_{500}^{(22)}$$
$$-2m_{000}^{(21)}(m_{010}^{(21)})^2m_{401}^{(20)} + m_{000}^{(21)}(m_{010}^{(21)})^2m_{302}^{(00)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{302}^{(11)}$$
$$-4m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{212}^{(10)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{122}^{(00)} - 4m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{401}^{(11)}$$
$$+8m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{311}^{(10)} - 4m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{221}^{(00)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(22)}m_{500}^{(11)}$$
$$-4m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(22)}m_{410}^{(10)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(22)}m_{320}^{(00)} - m_{000}^{(21)}m_{010}^{(21)}(m_{010}^{(22)})^2m_{500}^{(11)}$$
$$+2m_{000}^{(21)}(m_{010}^{(22)})^2m_{410}^{(10)} - m_{000}^{(21)}(m_{010}^{(22)})^2m_{320}^{(00)} + m_{000}^{(21)}(m_{001}^{(00)})^2m_{140}^{(22)}$$
$$-m_{000}^{(21)}(m_{001}^{(00)})^2m_{122}^{(11)} - 2m_{000}^{(21)}(m_{001}^{(00)})^2m_{041}^{(20)} + 2m_{000}^{(21)}(m_{001}^{(00)})^2m_{032}^{(10)}$$
$$-4m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{230}^{(22)} + 2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{212}^{(11)} + 8m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{131}^{(20)}$$

$$
\begin{aligned}
&-4m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{122}^{(10)} - 2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{032}^{(00)} + 2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{320}^{(22)}\\
&-4m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{221}^{(20)} + 2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{122}^{(00)} + 2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{221}^{(11)}\\
&-4m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{131}^{(10)} + 2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{041}^{(00)} - 2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{311}^{(11)}\\
&+4m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{221}^{(10)} - 2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{131}^{(00)} + 4m_{000}^{(21)}(m_{001}^{(10)})^2m_{320}^{(22)}\\
&-m_{000}^{(21)}(m_{001}^{(10)})^2m_{302}^{(11)} - 8m_{000}^{(21)}(m_{001}^{(10)})^2m_{221}^{(20)} + 2m_{000}^{(21)}(m_{001}^{(10)})^2m_{212}^{(10)}\\
&+3m_{000}^{(21)}(m_{001}^{(10)})^2m_{122}^{(00)} - 4m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{410}^{(22)} + 8m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{311}^{(20)}\\
&-4m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{212}^{(00)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{311}^{(11)} + 4m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{221}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{131}^{(00)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{401}^{(11)} - 4m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{311}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{221}^{(00)} + m_{000}^{(21)}(m_{001}^{(11)})^2m_{500}^{(22)} - 2m_{000}^{(21)}(m_{001}^{(11)})^2m_{401}^{(20)}\\
&+m_{000}^{(21)}(m_{001}^{(11)})^2m_{302}^{(00)} - m_{000}^{(21)}(m_{001}^{(20)})^2m_{320}^{(11)} + 2m_{000}^{(21)}(m_{001}^{(20)})^2m_{230}^{(10)}\\
&-m_{000}^{(21)}(m_{001}^{(20)})^2m_{140}^{(00)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{001}^{(21)}m_{410}^{(11)} - 4m_{000}^{(21)}m_{001}^{(20)}m_{001}^{(21)}m_{320}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(20)}m_{001}^{(21)}m_{230}^{(00)} - m_{000}^{(21)}(m_{001}^{(21)})^2m_{500}^{(11)} + 2m_{000}^{(21)}(m_{001}^{(21)})^2m_{410}^{(10)}\\
&-m_{000}^{(21)}(m_{001}^{(21)})^2m_{320}^{(00)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(10)}m_{122}^{(21)} - 2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(10)}m_{113}^{(11)}\\
&-2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(10)}m_{032}^{(20)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(10)}m_{023}^{(10)} - 2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(11)}m_{212}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(11)}m_{203}^{(11)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(11)}m_{122}^{(20)} - m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(11)}m_{023}^{(00)}\\
&-2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(20)}m_{131}^{(21)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(20)}m_{122}^{(11)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(20)}m_{041}^{(20)}\\
&-2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(20)}m_{032}^{(10)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{221}^{(21)} - 2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{131}^{(20)}\\
&-2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{122}^{(10)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{032}^{(00)} - m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(22)}m_{221}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(22)}m_{131}^{(10)} - m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(22)}m_{041}^{(00)} - 2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(10)}m_{131}^{(21)}\\
&+2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(10)}m_{122}^{(11)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(10)}m_{041}^{(20)} - 2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(10)}m_{032}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(11)}m_{221}^{(21)} - m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(11)}m_{212}^{(11)} - 2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(11)}m_{131}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(11)}m_{032}^{(00)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(20)}m_{140}^{(21)} - 2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(20)}m_{131}^{(11)}\\
&-2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(20)}m_{050}^{(20)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(20)}m_{041}^{(10)} - 2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(21)}m_{230}^{(21)}\\
&+2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(21)}m_{140}^{(20)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(21)}m_{131}^{(10)} - 2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(21)}m_{041}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(22)}m_{230}^{(11)} - 2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(22)}m_{140}^{(10)} + m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(22)}m_{050}^{(00)}\\
&-m_{000}^{(22)}(m_{100}^{(10)})^2m_{122}^{(21)} + m_{000}^{(22)}(m_{100}^{(10)})^2m_{113}^{(11)} + m_{000}^{(22)}(m_{100}^{(10)})^2m_{032}^{(20)}\\
&-m_{000}^{(22)}(m_{100}^{(10)})^2m_{023}^{(10)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{212}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{203}^{(11)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{122}^{(20)} + m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{023}^{(00)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(20)}m_{131}^{(21)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(20)}m_{122}^{(11)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(20)}m_{041}^{(20)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(20)}m_{032}^{(10)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}m_{221}^{(21)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}m_{131}^{(20)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}m_{122}^{(10)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}m_{032}^{(00)} + m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(22)}m_{221}^{(11)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(22)}m_{131}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(22)}m_{041}^{(00)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(10)}m_{212}^{(21)} + m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(10)}m_{203}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(10)}m_{122}^{(20)} - m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(10)}m_{023}^{(00)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}m_{302}^{(21)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}m_{212}^{(20)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}m_{203}^{(10)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}m_{113}^{(00)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{221}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{212}^{(11)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{131}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{032}^{(00)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{311}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{302}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{221}^{(20)} + 4m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{212}^{(10)} - 3m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{122}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(22)}m_{311}^{(11)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(22)}m_{221}^{(10)} + m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(22)}m_{131}^{(00)}
\end{aligned}
$$

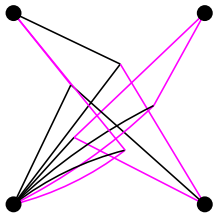
$$+4m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)}m_{221}^{(21)} - 3m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)}m_{212}^{(11)} - 4m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)}m_{131}^{(20)}$$
$$+2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)}m_{122}^{(10)} + m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)}m_{032}^{(00)} - 4m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{311}^{(21)}$$
$$+m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{302}^{(11)} + 4m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{221}^{(20)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{212}^{(10)}$$
$$-3m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{122}^{(00)} - 4m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(20)}m_{230}^{(21)} + 3m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(20)}m_{221}^{(11)}$$
$$+4m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(20)}m_{140}^{(20)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(20)}m_{131}^{(10)} - m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(20)}m_{041}^{(00)}$$
$$+4m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(21)}m_{320}^{(21)} + m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(21)}m_{311}^{(11)} - 4m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(21)}m_{230}^{(20)}$$
$$-6m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(21)}m_{221}^{(10)} + 5m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(21)}m_{131}^{(00)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(22)}m_{320}^{(11)}$$
$$+4m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(22)}m_{230}^{(10)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(22)}m_{140}^{(00)} - m_{000}^{(22)}(m_{100}^{(11)})^2m_{302}^{(21)}$$
$$+m_{000}^{(22)}(m_{100}^{(11)})^2m_{212}^{(20)} + m_{000}^{(22)}(m_{100}^{(11)})^2m_{203}^{(10)} - m_{000}^{(22)}(m_{100}^{(11)})^2m_{113}^{(00)}$$
$$-2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{221}^{(21)} + m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{212}^{(11)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{131}^{(20)}$$
$$-m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{032}^{(00)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(21)}m_{311}^{(21)} + m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(21)}m_{302}^{(11)}$$
$$-2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(21)}m_{221}^{(20)} - 4m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(21)}m_{212}^{(10)} + 3m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(21)}m_{122}^{(00)}$$
$$-m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(22)}m_{311}^{(11)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(22)}m_{221}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(22)}m_{131}^{(00)}$$
$$-2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(10)}m_{311}^{(21)} + m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(10)}m_{302}^{(11)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(10)}m_{221}^{(20)}$$
$$-m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(10)}m_{122}^{(00)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(11)}m_{401}^{(21)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(11)}m_{311}^{(20)}$$
$$-2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(11)}m_{302}^{(10)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(11)}m_{212}^{(00)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(20)}m_{320}^{(21)}$$
$$-m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(20)}m_{311}^{(11)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(20)}m_{230}^{(20)} + m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(20)}m_{131}^{(00)}$$
$$-2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(21)}m_{410}^{(21)} - m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(21)}m_{401}^{(11)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(21)}m_{320}^{(20)}$$
$$+4m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(21)}m_{311}^{(10)} - 3m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(21)}m_{221}^{(00)} + m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(22)}m_{410}^{(11)}$$
$$-2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(22)}m_{320}^{(10)} + m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(22)}m_{230}^{(00)} - m_{000}^{(22)}(m_{100}^{(20)})^2m_{140}^{(21)}$$
$$+m_{000}^{(22)}(m_{100}^{(20)})^2m_{131}^{(11)} + m_{000}^{(22)}(m_{100}^{(20)})^2m_{050}^{(20)} - m_{000}^{(22)}(m_{100}^{(20)})^2m_{041}^{(10)}$$
$$+2m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(21)}m_{230}^{(21)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(21)}m_{140}^{(20)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(21)}m_{131}^{(10)}$$
$$+2m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(21)}m_{041}^{(00)} - m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(22)}m_{230}^{(11)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(22)}m_{140}^{(10)}$$
$$-m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(22)}m_{050}^{(00)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{221}^{(21)} + 3m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{212}^{(11)}$$
$$+2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{131}^{(20)} - 4m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{122}^{(10)} + m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{032}^{(00)}$$
$$+2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{311}^{(21)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{302}^{(11)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{221}^{(20)}$$
$$+2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{212}^{(10)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(20)}m_{230}^{(21)} - 3m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(20)}m_{221}^{(11)}$$
$$-2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(20)}m_{140}^{(20)} + 4m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(20)}m_{131}^{(10)} - m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(20)}m_{041}^{(00)}$$
$$-2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(21)}m_{320}^{(21)} + m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(21)}m_{311}^{(11)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(21)}m_{230}^{(20)}$$
$$-m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(21)}m_{131}^{(00)} + m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(22)}m_{320}^{(11)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(22)}m_{230}^{(10)}$$
$$+m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(22)}m_{140}^{(00)} - m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(10)}m_{221}^{(11)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(10)}m_{131}^{(10)}$$
$$-m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(10)}m_{041}^{(00)} + m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(11)}m_{311}^{(11)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(11)}m_{221}^{(10)}$$
$$+m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(11)}m_{131}^{(00)} + m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(20)}m_{230}^{(11)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(20)}m_{140}^{(10)}$$
$$+m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(20)}m_{050}^{(00)} - m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(21)}m_{320}^{(11)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(21)}m_{230}^{(10)}$$
$$-m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(21)}m_{140}^{(00)} - m_{000}^{(22)}(m_{100}^{(21)})^2m_{320}^{(21)} - m_{000}^{(22)}(m_{100}^{(21)})^2m_{311}^{(11)}$$
$$+m_{000}^{(22)}(m_{100}^{(21)})^2m_{230}^{(20)} + 3m_{000}^{(22)}(m_{100}^{(21)})^2m_{221}^{(10)} - 2m_{000}^{(22)}(m_{100}^{(21)})^2m_{131}^{(00)}$$
$$+m_{000}^{(22)}m_{100}^{(21)}m_{100}^{(22)}m_{320}^{(11)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{100}^{(22)}m_{230}^{(10)} + m_{000}^{(22)}m_{100}^{(21)}m_{100}^{(22)}m_{140}^{(00)}$$
$$+2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{311}^{(21)} - m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{302}^{(11)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{221}^{(20)}$$

$$+m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{122}^{(00)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)}m_{401}^{(21)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)}m_{311}^{(20)}$$
$$+2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)}m_{302}^{(10)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)}m_{212}^{(00)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(20)}m_{320}^{(21)}$$
$$+m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(20)}m_{311}^{(11)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(20)}m_{230}^{(20)} - m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(20)}m_{131}^{(00)}$$
$$+2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(21)}m_{410}^{(21)} + m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(21)}m_{401}^{(11)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(21)}m_{320}^{(20)}$$
$$-4m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(21)}m_{311}^{(10)} + 3m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(21)}m_{221}^{(00)} - m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(22)}m_{410}^{(11)}$$
$$+2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(22)}m_{320}^{(10)} - m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(22)}m_{230}^{(00)} + m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(10)}m_{311}^{(11)}$$
$$-2m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(10)}m_{221}^{(10)} + m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(10)}m_{131}^{(00)} - m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(11)}m_{401}^{(11)}$$
$$+2m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(11)}m_{311}^{(10)} - m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(11)}m_{221}^{(00)} - m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(20)}m_{320}^{(11)}$$
$$+2m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(20)}m_{230}^{(10)} - m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(20)}m_{140}^{(00)} + m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(21)}m_{410}^{(11)}$$
$$-2m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(21)}m_{320}^{(10)} + m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(21)}m_{230}^{(00)} - m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)}m_{311}^{(11)}$$
$$+2m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)}m_{221}^{(10)} - m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)}m_{131}^{(00)} + m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(11)}m_{401}^{(11)}$$
$$-2m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(11)}m_{311}^{(10)} + m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(11)}m_{221}^{(00)} + m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(20)}m_{320}^{(11)}$$
$$-2m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(20)}m_{230}^{(10)} + m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(20)}m_{140}^{(00)} - m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(21)}m_{410}^{(11)}$$
$$+2m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(21)}m_{320}^{(10)} - m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(21)}m_{230}^{(00)} - m_{000}^{(22)}(m_{010}^{(00)})^2m_{122}^{(21)}$$
$$+m_{000}^{(22)}(m_{010}^{(00)})^2m_{113}^{(11)} + m_{000}^{(22)}(m_{010}^{(00)})^2m_{032}^{(20)} - m_{000}^{(22)}(m_{010}^{(00)})^2m_{023}^{(10)}$$
$$+2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{212}^{(21)} - m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{203}^{(11)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{122}^{(20)}$$
$$+m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{023}^{(00)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{221}^{(21)} - 3m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{212}^{(11)}$$
$$-2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{131}^{(20)} + 4m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{122}^{(10)} - m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{032}^{(00)}$$
$$-2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{311}^{(21)} + m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{302}^{(11)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{221}^{(20)}$$
$$-m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{122}^{(00)} + m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(22)}m_{311}^{(11)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(22)}m_{221}^{(10)}$$
$$+m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(22)}m_{131}^{(00)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(00)}m_{131}^{(21)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(00)}m_{122}^{(11)}$$
$$-2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(00)}m_{041}^{(20)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(00)}m_{032}^{(10)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{221}^{(21)}$$
$$+m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{212}^{(11)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{131}^{(20)} - m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{032}^{(00)}$$
$$-2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{230}^{(21)} + 3m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{221}^{(11)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{140}^{(20)}$$
$$-4m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{131}^{(10)} + m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{041}^{(00)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{320}^{(21)}$$
$$-m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{311}^{(11)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{230}^{(20)} + m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{131}^{(00)}$$
$$-m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(22)}m_{320}^{(11)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(22)}m_{230}^{(10)} - m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(22)}m_{140}^{(00)}$$
$$-m_{000}^{(22)}(m_{010}^{(10)})^2m_{302}^{(21)} + m_{000}^{(22)}(m_{010}^{(10)})^2m_{212}^{(20)} + m_{000}^{(22)}(m_{010}^{(10)})^2m_{203}^{(10)}$$
$$-m_{000}^{(22)}(m_{010}^{(10)})^2m_{113}^{(00)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{311}^{(21)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{302}^{(11)}$$
$$+2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{221}^{(20)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{212}^{(10)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{401}^{(21)}$$
$$-2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{311}^{(20)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{302}^{(10)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{212}^{(00)}$$
$$-m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{401}^{(11)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{311}^{(10)} - m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{221}^{(00)}$$
$$-4m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{221}^{(21)} + 3m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{212}^{(11)} + 4m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{131}^{(20)}$$
$$-2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{122}^{(10)} - m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{032}^{(00)} + 4m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{311}^{(21)}$$
$$-m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{302}^{(11)} - 4m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{221}^{(20)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{212}^{(10)}$$
$$+3m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{122}^{(00)} + 4m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{320}^{(21)} - 5m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{311}^{(11)}$$
$$-4m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{230}^{(20)} + 6m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{221}^{(10)} - m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{131}^{(00)}$$
$$-4m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{410}^{(21)} + m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{401}^{(11)} + 4m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{320}^{(20)}$$

$$+2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{311}^{(10)} - 3m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{221}^{(00)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(22)}m_{410}^{(11)}$$
$$-4m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(22)}m_{320}^{(10)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(22)}m_{230}^{(00)} + 2m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{311}^{(21)}$$
$$-m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{302}^{(11)} - 2m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{221}^{(20)} + m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{122}^{(00)}$$
$$-2m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{401}^{(21)} + 2m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{311}^{(20)} + 2m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{302}^{(10)}$$
$$-2m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{212}^{(00)} - 2m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{410}^{(21)} + 2m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{401}^{(11)}$$
$$+2m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{320}^{(20)} - 2m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{311}^{(10)} + 2m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(21)}m_{500}^{(21)}$$
$$-2m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(21)}m_{410}^{(20)} - 2m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(21)}m_{401}^{(10)} + 2m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(21)}m_{311}^{(00)}$$
$$-m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(22)}m_{500}^{(11)} + 2m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(22)}m_{410}^{(10)} - m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(22)}m_{320}^{(00)}$$
$$-m_{000}^{(22)}(m_{010}^{(20)})^2m_{320}^{(21)} + 2m_{000}^{(22)}(m_{010}^{(20)})^2m_{311}^{(11)} + m_{000}^{(22)}(m_{010}^{(20)})^2m_{230}^{(20)}$$
$$-3m_{000}^{(22)}(m_{010}^{(20)})^2m_{221}^{(10)} + m_{000}^{(22)}(m_{010}^{(20)})^2m_{131}^{(00)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{410}^{(21)}$$
$$-2m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{401}^{(11)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{320}^{(20)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{311}^{(10)}$$
$$-m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(22)}m_{410}^{(11)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(22)}m_{320}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(22)}m_{230}^{(00)}$$
$$+m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(00)}m_{221}^{(11)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(00)}m_{131}^{(10)} + m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(00)}m_{041}^{(00)}$$
$$-m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{311}^{(11)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{221}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{131}^{(00)}$$
$$-m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(20)}m_{320}^{(11)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(20)}m_{230}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(20)}m_{140}^{(00)}$$
$$+m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(21)}m_{410}^{(11)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(21)}m_{320}^{(10)} + m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(21)}m_{230}^{(00)}$$
$$-m_{000}^{(22)}(m_{010}^{(21)})^2m_{500}^{(21)} + m_{000}^{(22)}(m_{010}^{(21)})^2m_{410}^{(20)} + m_{000}^{(22)}(m_{010}^{(21)})^2m_{401}^{(10)}$$
$$-m_{000}^{(22)}(m_{010}^{(21)})^2m_{311}^{(00)} + m_{000}^{(22)}m_{010}^{(21)}m_{010}^{(22)}m_{500}^{(11)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{010}^{(22)}m_{410}^{(10)}$$
$$+m_{000}^{(22)}m_{010}^{(21)}m_{010}^{(22)}m_{320}^{(00)} - m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{311}^{(11)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{221}^{(10)}$$
$$-m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{131}^{(00)} + m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{401}^{(11)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{311}^{(10)}$$
$$+m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{221}^{(00)} + m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(20)}m_{410}^{(11)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(20)}m_{320}^{(10)}$$
$$+m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(20)}m_{230}^{(00)} - m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(21)}m_{500}^{(11)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(21)}m_{410}^{(10)}$$
$$-m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(21)}m_{320}^{(00)} - m_{000}^{(22)}(m_{001}^{(00)})^2m_{140}^{(21)} + m_{000}^{(22)}(m_{001}^{(00)})^2m_{131}^{(11)}$$
$$+m_{000}^{(22)}(m_{001}^{(00)})^2m_{050}^{(20)} - m_{000}^{(22)}(m_{001}^{(00)})^2m_{041}^{(10)} + 4m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{230}^{(21)}$$
$$-3m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{221}^{(11)} - 4m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{140}^{(20)} + 2m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(10)}m_{131}^{(10)}$$
$$+m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(00)}m_{041}^{(10)} - 2m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{320}^{(11)} + m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(11)}m_{311}^{(11)}$$
$$+2m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{230}^{(11)} - m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(00)}m_{131}^{(11)} - m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(20)}m_{001}^{(11)}m_{230}^{(11)}$$
$$+2m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(20)}m_{001}^{(10)}m_{140}^{(10)} - m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(20)}m_{001}^{(00)}m_{050}^{(20)} + m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(21)}m_{001}^{(11)}m_{320}^{(11)}$$
$$-2m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(21)}m_{001}^{(10)}m_{230}^{(10)} + m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(21)}m_{001}^{(00)}m_{140}^{(00)} - 4m_{000}^{(22)}(m_{001}^{(10)})^2m_{320}^{(21)}$$
$$+2m_{000}^{(22)}(m_{001}^{(10)})^2m_{311}^{(11)} + 4m_{000}^{(22)}(m_{001}^{(10)})^2m_{230}^{(20)} - 2m_{000}^{(22)}(m_{001}^{(10)})^2m_{131}^{(00)}$$
$$+4m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{410}^{(11)} - m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(11)}m_{401}^{(11)} - 4m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{320}^{(20)}$$
$$-2m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(10)}m_{311}^{(10)} + 3m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(00)}m_{221}^{(11)} + 2m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(20)}m_{001}^{(11)}m_{320}^{(11)}$$
$$-4m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(20)}m_{001}^{(10)}m_{230}^{(10)} + 2m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(20)}m_{001}^{(00)}m_{140}^{(10)} - 2m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(21)}m_{001}^{(11)}m_{410}^{(11)}$$
$$+4m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(21)}m_{001}^{(10)}m_{320}^{(10)} - 2m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(21)}m_{001}^{(00)}m_{230}^{(00)} - m_{000}^{(22)}(m_{001}^{(11)})^2m_{500}^{(21)}$$
$$+m_{000}^{(22)}(m_{001}^{(11)})^2m_{410}^{(20)} + m_{000}^{(22)}(m_{001}^{(11)})^2m_{401}^{(10)} - m_{000}^{(22)}(m_{001}^{(11)})^2m_{311}^{(00)}$$
$$-m_{000}^{(22)}m_{001}^{(11)}m_{001}^{(20)}m_{001}^{(11)}m_{410}^{(11)} + 2m_{000}^{(22)}m_{001}^{(11)}m_{001}^{(20)}m_{001}^{(10)}m_{320}^{(10)} - m_{000}^{(22)}m_{001}^{(11)}m_{001}^{(20)}m_{001}^{(11)}m_{230}^{(00)}$$
$$+m_{000}^{(22)}m_{001}^{(11)}m_{001}^{(21)}m_{001}^{(11)}m_{500}^{(11)} - 2m_{000}^{(22)}m_{001}^{(11)}m_{001}^{(21)}m_{001}^{(10)}m_{410}^{(10)} + m_{000}^{(22)}m_{001}^{(11)}m_{001}^{(21)}m_{001}^{(00)}m_{320}^{(00)}$$

Generating graph:

$V1$	$V1$	1	1	1
1	1	2	$V2$	$V3$
$V2$	$V3$	$V4$	4	$V4$



$$
\begin{aligned}
T_{186} \;=\;& -m_{000}^{(00)} m_{100}^{(00)} m_{010}^{(11)} m_{023}^{(22)} + 2m_{000}^{(00)} m_{100}^{(00)} m_{010}^{(11)} m_{014}^{(21)} - m_{000}^{(00)} m_{100}^{(00)} m_{010}^{(11)} m_{005}^{(11)} \\
& +2m_{000}^{(00)} m_{100}^{(00)} m_{010}^{(21)} m_{032}^{(22)} - 4m_{000}^{(00)} m_{100}^{(00)} m_{010}^{(21)} m_{023}^{(21)} + 2m_{000}^{(00)} m_{100}^{(00)} m_{010}^{(21)} m_{014}^{(11)} \\
& -m_{000}^{(00)} m_{100}^{(00)} m_{010}^{(22)} m_{041}^{(22)} + 2m_{000}^{(00)} m_{100}^{(00)} m_{010}^{(22)} m_{032}^{(21)} - m_{000}^{(00)} m_{100}^{(00)} m_{010}^{(22)} m_{023}^{(11)} \\
& +m_{000}^{(00)} m_{100}^{(00)} m_{001}^{(11)} m_{032}^{(22)} - 2m_{000}^{(00)} m_{100}^{(00)} m_{001}^{(11)} m_{023}^{(21)} + m_{000}^{(00)} m_{100}^{(00)} m_{001}^{(11)} m_{014}^{(11)} \\
& -2m_{000}^{(00)} m_{100}^{(00)} m_{001}^{(21)} m_{041}^{(22)} + 4m_{000}^{(00)} m_{100}^{(00)} m_{001}^{(21)} m_{032}^{(21)} - 2m_{000}^{(00)} m_{100}^{(00)} m_{001}^{(21)} m_{023}^{(11)} \\
& +m_{000}^{(00)} m_{100}^{(00)} m_{001}^{(22)} m_{050}^{(22)} - 2m_{000}^{(00)} m_{100}^{(00)} m_{001}^{(22)} m_{041}^{(21)} + m_{000}^{(00)} m_{100}^{(00)} m_{001}^{(22)} m_{032}^{(11)} \\
& +m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(10)} m_{023}^{(22)} - 2m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(10)} m_{014}^{(21)} + m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(10)} m_{005}^{(11)} \\
& +m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(11)} m_{113}^{(22)} - m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(11)} m_{104}^{(21)} - m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(11)} m_{014}^{(20)} \\
& +m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(11)} m_{005}^{(10)} - m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(20)} m_{032}^{(22)} + 2m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(20)} m_{023}^{(21)} \\
& -m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(20)} m_{014}^{(11)} - 3m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(21)} m_{122}^{(22)} + 4m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(21)} m_{113}^{(21)} \\
& -m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(21)} m_{104}^{(11)} + 2m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(21)} m_{023}^{(20)} - 2m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(21)} m_{014}^{(10)} \\
& +2m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(22)} m_{131}^{(22)} - 3m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(22)} m_{122}^{(21)} + m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(22)} m_{113}^{(11)} \\
& -m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(22)} m_{032}^{(20)} + m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(22)} m_{023}^{(10)} - m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(10)} m_{032}^{(22)} \\
& +2m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(10)} m_{023}^{(21)} - m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(10)} m_{014}^{(11)} - m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(11)} m_{122}^{(22)} \\
& +m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(11)} m_{113}^{(21)} + m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(11)} m_{023}^{(20)} - m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(11)} m_{014}^{(10)} \\
& +m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(20)} m_{041}^{(22)} - 2m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(20)} m_{032}^{(21)} + m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(20)} m_{023}^{(11)} \\
& +3m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(21)} m_{131}^{(22)} - 4m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(21)} m_{122}^{(21)} + m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(21)} m_{113}^{(11)} \\
& -2m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(21)} m_{032}^{(20)} + 2m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(21)} m_{023}^{(10)} - 2m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(22)} m_{140}^{(22)} \\
& +3m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(22)} m_{131}^{(21)} - m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(22)} m_{122}^{(11)} + m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(22)} m_{041}^{(20)} \\
& -m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(22)} m_{032}^{(10)} - m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(10)} m_{113}^{(22)} + m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(10)} m_{104}^{(21)} \\
& +m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(10)} m_{014}^{(20)} - m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(10)} m_{005}^{(10)} + m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(20)} m_{122}^{(22)} \\
& -m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(20)} m_{113}^{(21)} - m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(20)} m_{023}^{(20)} + m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(20)} m_{014}^{(10)} \\
& +m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(21)} m_{212}^{(22)} - m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(21)} m_{203}^{(21)} - m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(21)} m_{113}^{(20)} \\
& +m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(21)} m_{104}^{(10)} - m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(22)} m_{221}^{(22)} + m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(22)} m_{212}^{(21)} \\
& +m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(22)} m_{122}^{(20)} - m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(22)} m_{113}^{(10)} + m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(10)} m_{122}^{(22)} \\
& -m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(10)} m_{113}^{(21)} - m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(10)} m_{023}^{(20)} + m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(10)} m_{014}^{(10)} \\
& -m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(20)} m_{131}^{(22)} + m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(20)} m_{122}^{(21)} + m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(20)} m_{032}^{(20)} \\
& -m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(20)} m_{023}^{(10)} - m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(21)} m_{221}^{(22)} + m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(21)} m_{212}^{(21)}
\end{aligned}
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&+m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(21)}m_{122}^{(20)} - m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(21)}m_{113}^{(10)} + m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(22)}m_{230}^{(22)}\\
&-m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(22)}m_{221}^{(21)} - m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(22)}m_{131}^{(20)} + m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(22)}m_{122}^{(10)}\\
&-m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(10)}m_{032}^{(22)} + 2m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(10)}m_{023}^{(21)} - m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(10)}m_{014}^{(11)}\\
&+m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(11)}m_{122}^{(22)} - 3m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(11)}m_{113}^{(21)} + 2m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(11)}m_{104}^{(11)}\\
&+m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(11)}m_{023}^{(20)} - m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(11)}m_{014}^{(10)} + m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(20)}m_{041}^{(22)}\\
&-2m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(20)}m_{032}^{(21)} + m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(20)}m_{023}^{(11)} - m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(21)}m_{131}^{(22)}\\
&+4m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(21)}m_{122}^{(21)} - 3m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(21)}m_{113}^{(11)} - 2m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(21)}m_{032}^{(20)}\\
&+2m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(21)}m_{023}^{(10)} - m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(22)}m_{131}^{(21)} + m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(22)}m_{122}^{(11)}\\
&+m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(22)}m_{041}^{(20)} - m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(22)}m_{032}^{(10)} + m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(10)}m_{041}^{(22)}\\
&-2m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(10)}m_{032}^{(21)} + m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(10)}m_{023}^{(11)} - m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(11)}m_{131}^{(22)}\\
&+3m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(11)}m_{122}^{(21)} - 2m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(11)}m_{113}^{(11)} - m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(11)}m_{032}^{(20)}\\
&+m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(11)}m_{023}^{(10)} - m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(20)}m_{050}^{(22)} + 2m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(20)}m_{041}^{(21)}\\
&-m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(20)}m_{032}^{(11)} + m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(21)}m_{140}^{(22)} - 4m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(21)}m_{131}^{(21)}\\
&+3m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(21)}m_{122}^{(11)} + 2m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(21)}m_{041}^{(20)} - 2m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(21)}m_{032}^{(10)}\\
&+m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(22)}m_{140}^{(21)} - m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(22)}m_{131}^{(11)} - m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(22)}m_{050}^{(20)}\\
&+m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(22)}m_{041}^{(10)} + m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(10)}m_{122}^{(22)} - m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(10)}m_{104}^{(11)}\\
&-2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(10)}m_{023}^{(20)} + 2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(10)}m_{014}^{(10)} - m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(11)}m_{212}^{(22)}\\
&+m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(11)}m_{203}^{(21)} + m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(11)}m_{113}^{(20)} - m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(11)}m_{104}^{(10)}\\
&-m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(20)}m_{131}^{(22)} + m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(20)}m_{113}^{(11)} + 2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(20)}m_{032}^{(20)}\\
&-2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(20)}m_{023}^{(10)} + m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{221}^{(22)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{212}^{(21)}\\
&+m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{203}^{(11)} + m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(22)}m_{221}^{(21)} - m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(22)}m_{212}^{(11)}\\
&-m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(22)}m_{131}^{(20)} + m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(22)}m_{122}^{(10)} - m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(10)}m_{131}^{(22)}\\
&+m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(10)}m_{113}^{(11)} + 2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(10)}m_{032}^{(20)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(10)}m_{023}^{(10)}\\
&+m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(11)}m_{221}^{(22)} - m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(11)}m_{212}^{(21)} - m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(11)}m_{122}^{(20)}\\
&+m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(11)}m_{113}^{(10)} + m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(20)}m_{140}^{(22)} - m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(20)}m_{122}^{(11)}\\
&-2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(20)}m_{041}^{(20)} + 2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(20)}m_{032}^{(10)} - m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(21)}m_{230}^{(22)}\\
&+2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(21)}m_{221}^{(21)} - m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(21)}m_{212}^{(11)} - m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(22)}m_{230}^{(21)}\\
&+m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(22)}m_{221}^{(11)} + m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(22)}m_{140}^{(20)} - m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(22)}m_{131}^{(10)}\\
&-m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(10)}m_{122}^{(21)} + m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(10)}m_{113}^{(11)} + m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(10)}m_{032}^{(20)}\\
&-m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(10)}m_{023}^{(10)} + m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{212}^{(21)} - m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{203}^{(11)}\\
&-m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{122}^{(20)} + m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{113}^{(10)} + m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(20)}m_{131}^{(21)}\\
&-m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(20)}m_{122}^{(11)} - m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(20)}m_{041}^{(20)} + m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(20)}m_{032}^{(10)}\\
&-m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{221}^{(21)} + m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{212}^{(11)} + m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{131}^{(20)}\\
&-m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{122}^{(10)} + m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(10)}m_{131}^{(21)} - m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(10)}m_{122}^{(11)}\\
&-m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(10)}m_{041}^{(20)} + m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(10)}m_{032}^{(10)} - m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(11)}m_{221}^{(21)}\\
&+m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(11)}m_{212}^{(11)} + m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(11)}m_{131}^{(20)} - m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(11)}m_{122}^{(10)}\\
&-m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(20)}m_{140}^{(21)} + m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(20)}m_{131}^{(11)} + m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(20)}m_{050}^{(20)}\\
&-m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(20)}m_{041}^{(10)} + m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(21)}m_{230}^{(21)} - m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(21)}m_{221}^{(11)}
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&-m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(21)}m_{140}^{(20)}+m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(21)}m_{131}^{(10)}+m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(11)}m_{113}^{(22)}\\
&-m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(11)}m_{104}^{(21)}-m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(11)}m_{014}^{(20)}+m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(11)}m_{005}^{(10)}\\
&-2m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(21)}m_{122}^{(22)}+2m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(21)}m_{113}^{(21)}+2m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(21)}m_{023}^{(20)}\\
&-2m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(21)}m_{014}^{(10)}+m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(22)}m_{131}^{(22)}-m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(22)}m_{122}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(22)}m_{032}^{(20)}+m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(22)}m_{023}^{(10)}-m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(11)}m_{122}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(11)}m_{113}^{(21)}+m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(11)}m_{023}^{(20)}-m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(11)}m_{014}^{(10)}\\
&+2m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(21)}m_{131}^{(22)}-2m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(21)}m_{122}^{(21)}-2m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(21)}m_{032}^{(20)}\\
&+2m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(21)}m_{023}^{(10)}-m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(22)}m_{140}^{(22)}+m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(22)}m_{131}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(22)}m_{041}^{(20)}-m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(22)}m_{032}^{(10)}-m_{000}^{(00)}(m_{010}^{(10)})^2m_{113}^{(22)}\\
&+m_{000}^{(00)}(m_{010}^{(10)})^2m_{104}^{(21)}+m_{000}^{(00)}(m_{010}^{(10)})^2m_{014}^{(20)}-m_{000}^{(00)}(m_{010}^{(10)})^2m_{005}^{(10)}\\
&+2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{122}^{(22)}-2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{113}^{(21)}-2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{023}^{(20)}\\
&+2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{014}^{(10)}+2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{212}^{(22)}-2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{203}^{(21)}\\
&-2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{113}^{(20)}+2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{104}^{(10)}-2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{221}^{(22)}\\
&+2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{212}^{(21)}+2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{122}^{(20)}-2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{113}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{122}^{(22)}-m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{104}^{(11)}-2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{023}^{(20)}\\
&+2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{014}^{(10)}+m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{212}^{(22)}-m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{203}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{113}^{(20)}+m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{104}^{(10)}-m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{131}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{113}^{(11)}+2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{032}^{(20)}-2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{023}^{(10)}\\
&-3m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{221}^{(22)}+2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{212}^{(21)}+m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{203}^{(11)}\\
&+4m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{122}^{(20)}-4m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{113}^{(10)}+2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{230}^{(22)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{221}^{(21)}-m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{212}^{(11)}-3m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{131}^{(20)}\\
&+3m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{122}^{(10)}-2m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{212}^{(22)}+2m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{203}^{(21)}\\
&+2m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{113}^{(20)}-2m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{104}^{(10)}+m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(22)}m_{311}^{(22)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(22)}m_{302}^{(21)}-m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(22)}m_{212}^{(20)}+m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(22)}m_{203}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{113}^{(21)}+m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{104}^{(11)}+m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{023}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{014}^{(10)}-m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{212}^{(22)}+m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{203}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{113}^{(20)}-m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{104}^{(11)}+m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{221}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{212}^{(21)}-2m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{203}^{(11)}-3m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{122}^{(20)}\\
&+3m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{113}^{(10)}+m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{311}^{(22)}-m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{302}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{212}^{(20)}+m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{203}^{(10)}-m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(22)}m_{320}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(22)}m_{302}^{(11)}+2m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(22)}m_{221}^{(20)}-2m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(22)}m_{212}^{(10)}\\
&-m_{000}^{(00)}(m_{010}^{(20)})^2m_{131}^{(22)}+m_{000}^{(00)}(m_{010}^{(20)})^2m_{122}^{(21)}+m_{000}^{(00)}(m_{010}^{(20)})^2m_{032}^{(20)}\\
&-m_{000}^{(00)}(m_{010}^{(20)})^2m_{023}^{(10)}+2m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{221}^{(22)}-2m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{212}^{(21)}\\
&-2m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{122}^{(20)}+2m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{113}^{(10)}-m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{131}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{113}^{(11)}+2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{032}^{(20)}-2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{023}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{221}^{(22)}-m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{212}^{(21)}-m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{122}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{113}^{(10)}+m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(20)}m_{140}^{(22)}-m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(20)}m_{131}^{(11)}\\
&-2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(20)}m_{041}^{(20)}+2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(20)}m_{032}^{(10)}-m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{230}^{(22)}
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$$+2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{221}^{(21)} - m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{212}^{(11)} - m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{230}^{(21)}$$
$$+m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{221}^{(11)} + m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{140}^{(20)} - m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{131}^{(10)}$$
$$-m_{000}^{(00)}(m_{010}^{(21)})^2m_{311}^{(22)} + m_{000}^{(00)}(m_{010}^{(21)})^2m_{302}^{(21)} + m_{000}^{(00)}(m_{010}^{(21)})^2m_{212}^{(20)}$$
$$-m_{000}^{(00)}(m_{010}^{(21)})^2m_{203}^{(10)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{122}^{(21)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{113}^{(11)}$$
$$-2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{032}^{(20)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{023}^{(10)} + m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{221}^{(22)}$$
$$-2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{212}^{(21)} + m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{203}^{(11)} - m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{311}^{(22)}$$
$$+m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{302}^{(21)} + m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{212}^{(20)} - m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{203}^{(10)}$$
$$-m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{230}^{(22)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{221}^{(21)} + 3m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{212}^{(11)}$$
$$+4m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{131}^{(20)} - 4m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{122}^{(10)} + m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(21)}m_{320}^{(22)}$$
$$-m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(21)}m_{302}^{(11)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(21)}m_{221}^{(20)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(21)}m_{212}^{(10)}$$
$$+m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{320}^{(21)} - m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{311}^{(11)} - m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{230}^{(20)}$$
$$+m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{221}^{(10)} - m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(00)}m_{131}^{(21)} + m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(00)}m_{122}^{(11)}$$
$$+m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(00)}m_{041}^{(20)} - m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(00)}m_{032}^{(10)} + m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{221}^{(21)}$$
$$-m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{212}^{(11)} - m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{131}^{(20)} + m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{122}^{(10)}$$
$$+m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{230}^{(21)} - m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{221}^{(11)} - m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{140}^{(20)}$$
$$+m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{131}^{(10)} - m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(21)}m_{320}^{(21)} + m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(21)}m_{311}^{(11)}$$
$$+m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(21)}m_{230}^{(20)} - m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(21)}m_{221}^{(10)} + m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(11)}m_{122}^{(21)}$$
$$-m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(11)}m_{113}^{(11)} - m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(11)}m_{032}^{(20)} + m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(11)}m_{023}^{(10)}$$
$$-2m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(21)}m_{131}^{(21)} + 2m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(21)}m_{122}^{(11)} + 2m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(21)}m_{041}^{(20)}$$
$$-2m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(21)}m_{032}^{(10)} + m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(22)}m_{140}^{(21)} - m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(22)}m_{131}^{(11)}$$
$$-m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(22)}m_{050}^{(20)} + m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(22)}m_{041}^{(10)} - m_{000}^{(00)}(m_{001}^{(10)})^2m_{122}^{(21)}$$
$$+m_{000}^{(00)}(m_{001}^{(10)})^2m_{113}^{(11)} + m_{000}^{(00)}(m_{001}^{(10)})^2m_{032}^{(20)} - m_{000}^{(00)}(m_{001}^{(10)})^2m_{023}^{(10)}$$
$$+2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{131}^{(21)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{122}^{(11)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{041}^{(20)}$$
$$+2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{032}^{(10)} + 2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{001}^{(21)}m_{221}^{(11)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{001}^{(21)}m_{212}^{(11)}$$
$$-2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{001}^{(20)}m_{131}^{(20)} + 2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{001}^{(10)}m_{122}^{(10)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{001}^{(21)}m_{230}^{(21)}$$
$$+2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{001}^{(11)}m_{221}^{(21)} + 2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{001}^{(20)}m_{140}^{(20)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{001}^{(10)}m_{131}^{(10)}$$
$$-2m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{221}^{(21)} + 2m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{212}^{(11)} + 2m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{131}^{(20)}$$
$$-2m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{001}^{(10)}m_{122}^{(21)} + m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{001}^{(21)}m_{320}^{(21)} - m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{001}^{(11)}m_{311}^{(21)}$$
$$-m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{001}^{(20)}m_{230}^{(21)} + m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{001}^{(21)}m_{221}^{(10)} - m_{000}^{(00)}(m_{001}^{(20)})^2m_{140}^{(21)}$$
$$+m_{000}^{(00)}(m_{001}^{(20)})^2m_{131}^{(11)} + m_{000}^{(00)}(m_{001}^{(20)})^2m_{050}^{(20)} - m_{000}^{(00)}(m_{001}^{(20)})^2m_{041}^{(10)}$$
$$+2m_{000}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{001}^{(21)}m_{230}^{(21)} - 2m_{000}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{001}^{(21)}m_{221}^{(11)} - 2m_{000}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{001}^{(21)}m_{140}^{(20)}$$
$$+2m_{000}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{001}^{(10)}m_{131}^{(21)} - m_{000}^{(00)}(m_{001}^{(21)})^2m_{320}^{(21)} + m_{000}^{(00)}(m_{001}^{(21)})^2m_{311}^{(11)}$$
$$+m_{000}^{(00)}(m_{001}^{(21)})^2m_{230}^{(20)} - m_{000}^{(00)}(m_{001}^{(21)})^2m_{221}^{(10)} + m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(11)}m_{023}^{(22)}$$
$$-2m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(11)}m_{014}^{(21)} + m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(11)}m_{005}^{(11)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(21)}m_{032}^{(22)}$$
$$+4m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(21)}m_{023}^{(21)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(21)}m_{014}^{(11)} + m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(22)}m_{041}^{(22)}$$
$$-2m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(22)}m_{032}^{(21)} + m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(22)}m_{023}^{(11)} + m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(10)}m_{023}^{(22)}$$
$$-2m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(10)}m_{014}^{(21)} + m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(10)}m_{005}^{(11)} - m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(20)}m_{032}^{(22)}$$
$$+2m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(20)}m_{023}^{(21)} - m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(20)}m_{014}^{(11)} - m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(21)}m_{122}^{(22)}$$

$$+2m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(21)}m_{113}^{(21)} - m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(21)}m_{104}^{(11)} + m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(22)}m_{131}^{(22)}$$
$$-2m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(22)}m_{122}^{(21)} + m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(22)}m_{113}^{(11)} - m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(10)}m_{032}^{(22)}$$
$$+2m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(10)}m_{023}^{(21)} - m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(10)}m_{014}^{(11)} - m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(11)}m_{122}^{(22)}$$
$$+2m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(11)}m_{113}^{(21)} - m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(11)}m_{104}^{(11)} + m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(20)}m_{041}^{(22)}$$
$$-2m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(20)}m_{032}^{(21)} + m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(20)}m_{023}^{(11)} + 3m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(21)}m_{131}^{(22)}$$
$$-6m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(21)}m_{122}^{(21)} + 3m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(21)}m_{113}^{(11)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(22)}m_{140}^{(22)}$$
$$+4m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(22)}m_{131}^{(21)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(22)}m_{122}^{(11)} - m_{000}^{(10)}(m_{100}^{(10)})^2m_{023}^{(22)}$$
$$+2m_{000}^{(10)}(m_{100}^{(10)})^2m_{014}^{(21)} - m_{000}^{(10)}(m_{100}^{(10)})^2m_{005}^{(11)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(20)}m_{032}^{(22)}$$
$$-4m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(20)}m_{023}^{(21)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(20)}m_{014}^{(11)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(21)}m_{122}^{(22)}$$
$$-4m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(21)}m_{113}^{(21)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(21)}m_{104}^{(11)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(22)}m_{131}^{(22)}$$
$$+4m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(22)}m_{122}^{(21)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(22)}m_{113}^{(11)} - m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(00)}m_{023}^{(22)}$$
$$+2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(00)}m_{014}^{(21)} - m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(00)}m_{005}^{(22)} - m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(11)}m_{203}^{(22)}$$
$$+2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(11)}m_{104}^{(20)} - m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(11)}m_{005}^{(00)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(20)}m_{122}^{(22)}$$
$$-4m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(20)}m_{113}^{(21)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(20)}m_{104}^{(11)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(21)}m_{212}^{(22)}$$
$$-4m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(21)}m_{113}^{(20)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(21)}m_{014}^{(00)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(22)}m_{221}^{(22)}$$
$$+2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(22)}m_{212}^{(21)} - m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(22)}m_{203}^{(11)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(22)}m_{122}^{(20)}$$
$$-m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(22)}m_{023}^{(00)} + m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(00)}m_{032}^{(22)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(00)}m_{023}^{(21)}$$
$$+m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(00)}m_{014}^{(11)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(10)}m_{122}^{(22)} - 4m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(10)}m_{113}^{(21)}$$
$$+2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(10)}m_{104}^{(11)} + m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(11)}m_{212}^{(22)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(11)}m_{113}^{(20)}$$
$$+m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(11)}m_{014}^{(00)} - 4m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(20)}m_{131}^{(22)} + 8m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(20)}m_{122}^{(21)}$$
$$-4m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(20)}m_{113}^{(11)} - 4m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{221}^{(22)} + 4m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{212}^{(21)}$$
$$-2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{203}^{(11)} + 4m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{122}^{(20)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{023}^{(00)}$$
$$+4m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(22)}m_{230}^{(22)} - 6m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(22)}m_{221}^{(21)} + 3m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(22)}m_{212}^{(11)}$$
$$-2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(22)}m_{131}^{(20)} + m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(22)}m_{032}^{(00)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(20)}m_{122}^{(22)}$$
$$+4m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(20)}m_{113}^{(21)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(20)}m_{104}^{(11)} + m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{221}^{(22)}$$
$$-2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{212}^{(21)} + m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{203}^{(11)} + m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(10)}m_{203}^{(22)}$$
$$-2m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(10)}m_{104}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(10)}m_{005}^{(00)} - m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(20)}m_{212}^{(22)}$$
$$+2m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(20)}m_{113}^{(20)} - m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(20)}m_{014}^{(00)} - m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(21)}m_{302}^{(22)}$$
$$+2m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(21)}m_{203}^{(20)} - m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(21)}m_{104}^{(00)} + m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(22)}m_{311}^{(22)}$$
$$-2m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(22)}m_{212}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(22)}m_{113}^{(00)} - m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(00)}m_{122}^{(22)}$$
$$+2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(00)}m_{113}^{(21)} - m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(00)}m_{104}^{(11)} - m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(10)}m_{212}^{(22)}$$
$$+2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(10)}m_{113}^{(20)} - m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(10)}m_{014}^{(00)} + 3m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{221}^{(22)}$$
$$-4m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{212}^{(21)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{203}^{(11)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{122}^{(20)}$$
$$+m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{023}^{(00)} + m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(21)}m_{311}^{(22)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(21)}m_{212}^{(20)}$$
$$+m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(21)}m_{113}^{(00)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{320}^{(22)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{311}^{(21)}$$
$$-m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{302}^{(11)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{221}^{(20)} - m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{122}^{(00)}$$
$$-m_{000}^{(10)}(m_{100}^{(20)})^2m_{041}^{(22)} + 2m_{000}^{(10)}(m_{100}^{(20)})^2m_{032}^{(21)} - m_{000}^{(10)}(m_{100}^{(20)})^2m_{023}^{(11)}$$
$$+2m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(21)}m_{131}^{(22)} - 4m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(21)}m_{122}^{(21)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(21)}m_{113}^{(11)}$$

$$+m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(00)}m_{032}^{(22)}-2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(00)}m_{023}^{(21)}+m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(00)}m_{014}^{(11)}$$
$$-2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(10)}m_{122}^{(22)}+4m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(10)}m_{113}^{(21)}-2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(10)}m_{104}^{(11)}$$
$$+m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(11)}m_{212}^{(22)}-2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(11)}m_{113}^{(20)}+m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(11)}m_{014}^{(00)}$$
$$-4m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{212}^{(21)}+2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{203}^{(11)}+4m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{122}^{(20)}$$
$$-2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{023}^{(00)}+2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{221}^{(21)}-m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{212}^{(11)}$$
$$-2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{131}^{(20)}+m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{032}^{(00)}-m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(00)}m_{041}^{(22)}$$
$$+2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(00)}m_{032}^{(21)}-m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(00)}m_{023}^{(11)}+m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{221}^{(22)}$$
$$-4m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{212}^{(21)}+2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{203}^{(11)}+2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{122}^{(20)}$$
$$-m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{023}^{(00)}+2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(20)}m_{140}^{(22)}-4m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(20)}m_{131}^{(21)}$$
$$+2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(20)}m_{122}^{(11)}-2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{230}^{(22)}+8m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{221}^{(21)}$$
$$-4m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{212}^{(11)}-4m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{131}^{(20)}+2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{032}^{(00)}$$
$$-2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{230}^{(21)}+m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{221}^{(11)}+2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{140}^{(20)}$$
$$-m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{041}^{(00)}-m_{000}^{(10)}(m_{100}^{(21)})^2m_{221}^{(22)}+2m_{000}^{(10)}(m_{100}^{(21)})^2m_{212}^{(21)}$$
$$-m_{000}^{(10)}(m_{100}^{(21)})^2m_{203}^{(11)}+m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(00)}m_{122}^{(22)}-2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(00)}m_{113}^{(21)}$$
$$+m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(00)}m_{104}^{(11)}-2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{212}^{(22)}+4m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{113}^{(20)}$$
$$-2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{014}^{(00)}+m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(11)}m_{302}^{(22)}-2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(11)}m_{203}^{(20)}$$
$$+m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(11)}m_{104}^{(00)}+4m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{212}^{(21)}-2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{203}^{(11)}$$
$$-4m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{122}^{(20)}+2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{023}^{(00)}-2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{311}^{(21)}$$
$$+m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{302}^{(11)}+2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{221}^{(20)}-m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{122}^{(00)}$$
$$+m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(00)}m_{131}^{(22)}-2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(00)}m_{122}^{(21)}+m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(00)}m_{113}^{(11)}$$
$$+4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{212}^{(21)}-2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{203}^{(11)}-4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{122}^{(20)}$$
$$+2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{023}^{(00)}-m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{311}^{(22)}+2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{212}^{(20)}$$
$$-m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{113}^{(00)}-2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{230}^{(22)}+4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{131}^{(21)}$$
$$-2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{032}^{(00)}+2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{320}^{(22)}-4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{311}^{(21)}$$
$$+2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{302}^{(11)}+2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{320}^{(21)}-m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{311}^{(11)}$$
$$-2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{230}^{(20)}+m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{131}^{(00)}-m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(00)}m_{131}^{(22)}$$
$$+2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(00)}m_{122}^{(21)}-m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(00)}m_{113}^{(11)}+2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{221}^{(22)}$$
$$-2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{212}^{(21)}+m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{203}^{(11)}-2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{122}^{(20)}$$
$$+m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{023}^{(00)}-m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{311}^{(22)}+2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{212}^{(20)}$$
$$-m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{113}^{(00)}-2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{221}^{(21)}+m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{212}^{(11)}$$
$$+2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{131}^{(20)}-m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{032}^{(00)}+2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{311}^{(21)}$$
$$-m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{302}^{(11)}-2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{221}^{(20)}+m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{122}^{(00)}$$
$$-2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{221}^{(21)}+m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{212}^{(11)}+2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{131}^{(20)}$$
$$-m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{032}^{(00)}+2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{221}^{(21)}-m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{302}^{(11)}$$
$$-2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{221}^{(20)}+m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{122}^{(00)}+2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{230}^{(21)}$$
$$-m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{221}^{(11)}-2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{140}^{(20)}+m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{041}^{(00)}$$
$$-2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{320}^{(21)}+m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{311}^{(11)}+2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{230}^{(20)}$$
$$-m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{131}^{(00)}-m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(11)}m_{203}^{(22)}+2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(11)}m_{104}^{(20)}$$

$$-m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(11)}m_{005}^{(00)}+2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{212}^{(22)}-4m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{113}^{(20)}$$
$$+2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{014}^{(00)}-m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{221}^{(22)}+2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{122}^{(20)}$$
$$-m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{023}^{(00)}+m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(10)}m_{122}^{(22)}-2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(10)}m_{113}^{(21)}$$
$$+m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(10)}m_{104}^{(11)}+m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(11)}m_{212}^{(22)}-2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(11)}m_{113}^{(20)}$$
$$+m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(11)}m_{014}^{(00)}-m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{131}^{(22)}+2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{122}^{(21)}$$
$$-m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{113}^{(11)}-3m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{221}^{(22)}+2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{212}^{(21)}$$
$$-m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{203}^{(11)}+4m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{122}^{(20)}-2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{023}^{(00)}$$
$$+2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{230}^{(22)}-2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{221}^{(21)}+m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{212}^{(11)}$$
$$-2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{131}^{(20)}+m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{032}^{(00)}+m_{000}^{(10)}(m_{010}^{(10)})^2m_{203}^{(22)}$$
$$-2m_{000}^{(10)}(m_{010}^{(10)})^2m_{104}^{(20)}+m_{000}^{(10)}(m_{010}^{(10)})^2m_{005}^{(00)}-2m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{212}^{(22)}$$
$$+4m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{113}^{(20)}-2m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{014}^{(00)}-2m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(21)}m_{302}^{(22)}$$
$$+4m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(21)}m_{203}^{(20)}-2m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(21)}m_{104}^{(00)}+2m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{311}^{(22)}$$
$$-4m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{212}^{(20)}+2m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{113}^{(00)}-m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{122}^{(22)}$$
$$+2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{113}^{(21)}-m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{104}^{(11)}-2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(10)}m_{212}^{(22)}$$
$$+4m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(10)}m_{113}^{(20)}-2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(10)}m_{014}^{(00)}-m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(11)}m_{302}^{(22)}$$
$$+2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(11)}m_{203}^{(20)}-m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(11)}m_{104}^{(00)}+4m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{221}^{(22)}$$
$$-4m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{212}^{(21)}+2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{203}^{(11)}-4m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{122}^{(20)}$$
$$+2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{023}^{(00)}+4m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(21)}m_{311}^{(22)}-8m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(21)}m_{212}^{(20)}$$
$$+4m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(21)}m_{113}^{(00)}-4m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{320}^{(22)}+2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{311}^{(21)}$$
$$-m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{302}^{(11)}+6m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{221}^{(20)}-3m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{122}^{(00)}$$
$$+2m_{000}^{(10)}m_{010}^{(11)}m_{010}^{(20)}m_{302}^{(22)}-4m_{000}^{(10)}m_{010}^{(11)}m_{010}^{(20)}m_{203}^{(20)}+2m_{000}^{(10)}m_{010}^{(11)}m_{010}^{(20)}m_{104}^{(00)}$$
$$-m_{000}^{(10)}m_{010}^{(11)}m_{010}^{(22)}m_{401}^{(22)}+2m_{000}^{(10)}m_{010}^{(11)}m_{010}^{(22)}m_{302}^{(20)}-m_{000}^{(10)}m_{010}^{(11)}m_{010}^{(22)}m_{203}^{(00)}$$
$$+m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{212}^{(22)}-2m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{113}^{(20)}+m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{014}^{(00)}$$
$$+m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(10)}m_{302}^{(22)}-2m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(10)}m_{203}^{(20)}+m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(10)}m_{104}^{(00)}$$
$$-3m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{311}^{(22)}+6m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{212}^{(20)}-3m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{113}^{(00)}$$
$$-m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(21)}m_{401}^{(22)}+2m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(21)}m_{302}^{(20)}-m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(21)}m_{203}^{(00)}$$
$$+2m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(22)}m_{410}^{(22)}-4m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(22)}m_{311}^{(20)}+2m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(22)}m_{212}^{(00)}$$
$$+m_{000}^{(10)}(m_{010}^{(20)})^2m_{221}^{(22)}-2m_{000}^{(10)}(m_{010}^{(20)})^2m_{122}^{(20)}+m_{000}^{(10)}(m_{010}^{(20)})^2m_{023}^{(00)}$$
$$-2m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{311}^{(22)}+4m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{212}^{(20)}-2m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{113}^{(00)}$$
$$+m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{131}^{(22)}-2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{122}^{(21)}+m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{113}^{(11)}$$
$$+4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{212}^{(21)}-2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{203}^{(11)}-4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{122}^{(20)}$$
$$+2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{023}^{(00)}-m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{311}^{(22)}+2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{212}^{(20)}$$
$$-m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{113}^{(00)}-2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{230}^{(22)}+4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{131}^{(20)}$$
$$-2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{032}^{(00)}+2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{320}^{(22)}-4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{311}^{(21)}$$
$$+2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{302}^{(11)}+2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{320}^{(21)}-m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{311}^{(11)}$$
$$-2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{230}^{(20)}+m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{131}^{(00)}+m_{000}^{(10)}(m_{010}^{(21)})^2m_{401}^{(22)}$$
$$-2m_{000}^{(10)}(m_{010}^{(21)})^2m_{302}^{(20)}+m_{000}^{(10)}(m_{010}^{(21)})^2m_{203}^{(00)}-m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{221}^{(22)}$$
$$-2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{212}^{(21)}+m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{203}^{(11)}+4m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{122}^{(20)}$$

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\begin{aligned}
&-2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{023}^{(00)} + m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(11)}m_{401}^{(22)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(11)}m_{302}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(11)}m_{203}^{(00)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{320}^{(22)} + 4m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{311}^{(21)}\\
&-2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{302}^{(11)} - 8m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{221}^{(20)} + 4m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{122}^{(00)}\\
&-2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(21)}m_{410}^{(22)} + 4m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(21)}m_{311}^{(20)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(21)}m_{212}^{(00)}\\
&-2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{410}^{(21)} + m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{401}^{(11)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{320}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{221}^{(00)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{221}^{(21)} - m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{212}^{(11)}\\
&-2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{131}^{(20)} + m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{032}^{(00)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{311}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{302}^{(11)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{221}^{(20)} - m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{122}^{(00)}\\
&-2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{320}^{(21)} + m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{311}^{(11)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{230}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{131}^{(00)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{410}^{(21)} - m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{401}^{(11)}\\
&-2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{320}^{(20)} + m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{221}^{(00)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{212}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{203}^{(11)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{122}^{(20)} - m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{023}^{(00)}\\
&+4m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{221}^{(21)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{212}^{(11)} - 4m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{131}^{(20)}\\
&+2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{032}^{(00)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{230}^{(21)} + m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{221}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{140}^{(20)} - m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{041}^{(00)} + 2m_{000}^{(10)}(m_{001}^{(10)})^2m_{212}^{(21)}\\
&-m_{000}^{(10)}(m_{001}^{(10)})^2m_{203}^{(11)} - 2m_{000}^{(10)}(m_{001}^{(10)})^2m_{122}^{(20)} + m_{000}^{(10)}(m_{001}^{(10)})^2m_{023}^{(00)}\\
&-4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{221}^{(21)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{212}^{(11)} + 4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{131}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{032}^{(00)} - 4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{311}^{(21)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{302}^{(11)}\\
&+4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{221}^{(20)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{122}^{(00)} + 4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{320}^{(21)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{311}^{(11)} - 4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{230}^{(20)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{131}^{(00)}\\
&+4m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{311}^{(21)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{302}^{(11)} - 4m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{221}^{(20)}\\
&+2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{122}^{(00)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{410}^{(21)} + m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{401}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{320}^{(20)} - m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{221}^{(00)} + 2m_{000}^{(10)}(m_{001}^{(20)})^2m_{230}^{(21)}\\
&-m_{000}^{(10)}(m_{001}^{(20)})^2m_{221}^{(11)} - 2m_{000}^{(10)}(m_{001}^{(20)})^2m_{140}^{(20)} + m_{000}^{(10)}(m_{001}^{(20)})^2m_{041}^{(00)}\\
&-4m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{320}^{(21)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{311}^{(11)} + 4m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{230}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{131}^{(00)} + 2m_{000}^{(10)}(m_{001}^{(21)})^2m_{410}^{(21)} - m_{000}^{(10)}(m_{001}^{(21)})^2m_{401}^{(11)}\\
&-2m_{000}^{(10)}(m_{001}^{(21)})^2m_{320}^{(20)} + m_{000}^{(10)}(m_{001}^{(21)})^2m_{221}^{(00)} - m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(11)}m_{113}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(11)}m_{104}^{(21)} + m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(11)}m_{014}^{(20)} - m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(11)}m_{005}^{(10)}\\
&+2m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(21)}m_{122}^{(22)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(21)}m_{113}^{(21)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(21)}m_{023}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(21)}m_{014}^{(10)} - m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(22)}m_{131}^{(22)} + m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(22)}m_{122}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(22)}m_{032}^{(20)} - m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(22)}m_{023}^{(10)} - m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(10)}m_{113}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(10)}m_{104}^{(21)} + m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(10)}m_{014}^{(20)} - m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(10)}m_{005}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(11)}m_{203}^{(22)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(11)}m_{104}^{(20)} + m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(11)}m_{005}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(20)}m_{122}^{(22)} - m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(20)}m_{113}^{(21)} - m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(20)}m_{023}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(20)}m_{014}^{(10)} - m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(21)}m_{212}^{(22)} - m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(21)}m_{203}^{(21)}\\
&+3m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(21)}m_{113}^{(20)} + m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(21)}m_{104}^{(10)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(21)}m_{014}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(22)}m_{212}^{(21)} - m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(22)}m_{122}^{(20)} - m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(22)}m_{113}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(22)}m_{023}^{(00)} + m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(10)}m_{122}^{(22)} - m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(10)}m_{113}^{(21)}
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&-m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(10)}m_{023}^{(20)} + m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(10)}m_{014}^{(10)} - m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(11)}m_{203}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(11)}m_{113}^{(20)} + m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(11)}m_{104}^{(10)} - m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(11)}m_{014}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(20)}m_{131}^{(22)} + m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(20)}m_{122}^{(21)} + m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(20)}m_{032}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(20)}m_{023}^{(10)} - m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(21)}m_{221}^{(22)} + 3m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(21)}m_{212}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(21)}m_{122}^{(20)} - 3m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(21)}m_{113}^{(10)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(21)}m_{023}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(22)}m_{230}^{(22)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(22)}m_{221}^{(21)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(22)}m_{122}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(22)}m_{032}^{(00)} + m_{000}^{(11)}(m_{100}^{(10)})^2m_{113}^{(22)} - m_{000}^{(11)}(m_{100}^{(10)})^2m_{104}^{(21)}\\
&-m_{000}^{(11)}(m_{100}^{(10)})^2m_{014}^{(20)} + m_{000}^{(11)}(m_{100}^{(10)})^2m_{005}^{(10)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(20)}m_{122}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(20)}m_{113}^{(21)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(20)}m_{023}^{(20)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(20)}m_{014}^{(10)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(21)}m_{212}^{(22)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(21)}m_{203}^{(21)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(21)}m_{113}^{(20)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(21)}m_{104}^{(10)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{221}^{(22)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{212}^{(21)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{122}^{(20)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{113}^{(10)} + m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(00)}m_{113}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(00)}m_{104}^{(21)} - m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(00)}m_{014}^{(20)} + m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(00)}m_{005}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(10)}m_{203}^{(22)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(10)}m_{104}^{(20)} - m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(10)}m_{005}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(20)}m_{212}^{(22)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(20)}m_{203}^{(21)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(20)}m_{104}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(20)}m_{014}^{(00)} + m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(21)}m_{302}^{(22)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(21)}m_{203}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(21)}m_{104}^{(00)} - m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(22)}m_{302}^{(21)} + m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(22)}m_{212}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(22)}m_{203}^{(10)} - m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(00)}m_{113}^{(22)} - m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(00)}m_{122}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(00)}m_{113}^{(21)} + m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(00)}m_{023}^{(20)} - m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(00)}m_{014}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(10)}m_{212}^{(22)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(10)}m_{203}^{(21)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(10)}m_{104}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(10)}m_{014}^{(00)} + 3m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{221}^{(22)} - 4m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{212}^{(21)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{122}^{(20)} + 4m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{113}^{(10)} - m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{023}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(21)}m_{311}^{(22)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(21)}m_{302}^{(21)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(21)}m_{203}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(21)}m_{113}^{(00)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(22)}m_{320}^{(22)} + 3m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(22)}m_{311}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(22)}m_{221}^{(20)} - 3m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(22)}m_{212}^{(10)} + m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(22)}m_{122}^{(00)}\\
&+2m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(20)}m_{212}^{(22)} - 2m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(20)}m_{203}^{(21)} - 2m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(20)}m_{113}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(20)}m_{104}^{(10)} - m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(22)}m_{311}^{(22)} + m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(22)}m_{302}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(22)}m_{212}^{(20)} - m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(22)}m_{203}^{(10)} + m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(00)}m_{001}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(00)}m_{001}^{(21)}m_{203}^{(20)} + m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(00)}m_{001}^{(10)}m_{104}^{(10)}\\
&-2m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{311}^{(22)} + 2m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{302}^{(21)} + 2m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(20)}m_{212}^{(20)}\\
&-2m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(20)}m_{203}^{(10)} + m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(22)}m_{410}^{(22)} - m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(22)}m_{401}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(20)}m_{311}^{(22)} + m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(22)}m_{001}^{(10)}m_{302}^{(22)} + m_{000}^{(11)}(m_{100}^{(20)})^2m_{131}^{(22)}\\
&-m_{000}^{(11)}(m_{100}^{(20)})^2m_{122}^{(21)} - m_{000}^{(11)}(m_{100}^{(20)})^2m_{032}^{(20)} + m_{000}^{(11)}(m_{100}^{(20)})^2m_{023}^{(10)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{221}^{(22)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{212}^{(21)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{122}^{(20)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{113}^{(10)} - m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(00)}m_{122}^{(22)} + m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(00)}m_{113}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(00)}m_{023}^{(20)} - m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(00)}m_{014}^{(10)} + 3m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{212}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{203}^{(21)} - 4m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{113}^{(20)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{104}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{014}^{(00)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(11)}m_{302}^{(22)} + 4m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(11)}m_{203}^{(20)}
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&-2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(11)}m_{104}^{(00)} - m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{221}^{(22)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{122}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{023}^{(00)} + m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{311}^{(22)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{302}^{(21)}\\
&-4m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{212}^{(20)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{203}^{(10)} + 3m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{113}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{311}^{(21)} + m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{221}^{(20)} + m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{212}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{122}^{(00)} + m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(00)}m_{131}^{(22)} - m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(00)}m_{122}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(00)}m_{032}^{(20)} + m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(00)}m_{023}^{(10)} - m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{221}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{122}^{(20)} - m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{023}^{(00)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{302}^{(21)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{212}^{(20)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{203}^{(10)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{113}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(20)}m_{230}^{(22)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(20)}m_{221}^{(21)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(20)}m_{122}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(20)}m_{032}^{(00)} + m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{320}^{(22)} - 4m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{311}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{221}^{(20)} + 4m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{212}^{(10)} - 3m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{122}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{320}^{(21)} - m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{230}^{(20)} - m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{221}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{131}^{(00)} + m_{000}^{(11)}(m_{100}^{(21)})^2m_{311}^{(22)} - m_{000}^{(11)}(m_{100}^{(21)})^2m_{302}^{(21)}\\
&-m_{000}^{(11)}(m_{100}^{(21)})^2m_{212}^{(20)} + m_{000}^{(11)}(m_{100}^{(21)})^2m_{203}^{(10)} - m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(00)}m_{212}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(00)}m_{203}^{(21)} + m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(00)}m_{113}^{(20)} - m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(00)}m_{104}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(10)}m_{302}^{(22)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(10)}m_{203}^{(20)} + m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(10)}m_{104}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{311}^{(22)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{302}^{(21)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{203}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{113}^{(00)} - m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(21)}m_{401}^{(22)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(21)}m_{302}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(21)}m_{203}^{(00)} + m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(22)}m_{401}^{(21)} - m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(22)}m_{311}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(22)}m_{302}^{(10)} + m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(22)}m_{212}^{(00)} - m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{221}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{212}^{(21)} + m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{122}^{(20)} - m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{113}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{311}^{(22)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{302}^{(21)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{203}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{113}^{(00)} + m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{320}^{(22)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{221}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{122}^{(00)} - m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(21)}m_{410}^{(22)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(21)}m_{401}^{(21)}\\
&-2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(21)}m_{302}^{(10)} + m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(21)}m_{212}^{(00)} - m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{410}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{320}^{(20)} + m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{311}^{(10)} - m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{221}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{221}^{(22)} - m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{212}^{(21)} - m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{122}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{113}^{(10)} - 2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{311}^{(22)} + m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{302}^{(21)}\\
&+3m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{212}^{(20)} - m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{203}^{(10)} - m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{113}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(11)}m_{401}^{(22)} - 2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(11)}m_{302}^{(20)} + m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(11)}m_{203}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{311}^{(21)} - m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{221}^{(20)} - m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{212}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{122}^{(00)} - m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{401}^{(21)} + m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{311}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{302}^{(10)} - m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{212}^{(00)} + m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(10)}m_{311}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(20)}m_{221}^{(20)} - m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(20)}m_{212}^{(10)} + m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(10)}m_{122}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(11)}m_{401}^{(21)} + m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(11)}m_{311}^{(20)} + m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(11)}m_{302}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(11)}m_{212}^{(00)} - m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(20)}m_{320}^{(21)} + m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(20)}m_{230}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(20)}m_{221}^{(10)} - m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(20)}m_{131}^{(00)} + m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(21)}m_{410}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(21)}m_{320}^{(20)} - m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(21)}m_{311}^{(10)} + m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(21)}m_{221}^{(00)}
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&-m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(10)}m_{212}^{(22)} + m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(10)}m_{203}^{(21)} + m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(10)}m_{113}^{(20)}\\
&-m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(10)}m_{104}^{(10)} + m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{221}^{(22)} - m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{212}^{(21)}\\
&-m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{122}^{(20)} + m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{113}^{(10)} + m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(21)}m_{311}^{(22)}\\
&-m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(21)}m_{302}^{(21)} - m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(21)}m_{212}^{(20)} + m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(21)}m_{203}^{(10)}\\
&-m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(22)}m_{320}^{(22)} + m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(22)}m_{311}^{(21)} + m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(22)}m_{221}^{(20)}\\
&-m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(22)}m_{212}^{(10)} + m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{212}^{(22)} - m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{203}^{(21)}\\
&-m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{113}^{(20)} + m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{104}^{(10)} + m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(10)}m_{302}^{(22)}\\
&-2m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(10)}m_{203}^{(20)} + m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(10)}m_{104}^{(00)} - 3m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{311}^{(22)}\\
&+2m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{302}^{(21)} + 4m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{212}^{(20)} - 2m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{203}^{(10)}\\
&-m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{113}^{(00)} - m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(21)}m_{401}^{(22)} + 2m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(21)}m_{302}^{(20)}\\
&-m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(21)}m_{203}^{(00)} + 2m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(22)}m_{410}^{(22)} - m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(22)}m_{401}^{(21)}\\
&-3m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(22)}m_{311}^{(20)} + m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(22)}m_{302}^{(10)} + m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(22)}m_{212}^{(00)}\\
&-m_{000}^{(11)}m_{010}^{(11)}m_{001}^{(00)}m_{302}^{(22)} + 2m_{000}^{(11)}m_{010}^{(11)}m_{001}^{(00)}m_{203}^{(20)} - m_{000}^{(11)}m_{010}^{(11)}m_{001}^{(00)}m_{104}^{(00)}\\
&+2m_{000}^{(11)}m_{010}^{(11)}m_{001}^{(20)}m_{401}^{(22)} - 4m_{000}^{(11)}m_{010}^{(11)}m_{001}^{(20)}m_{302}^{(20)} + 2m_{000}^{(11)}m_{010}^{(11)}m_{001}^{(20)}m_{203}^{(00)}\\
&-m_{000}^{(11)}m_{010}^{(11)}m_{001}^{(22)}m_{500}^{(22)} + 2m_{000}^{(11)}m_{010}^{(11)}m_{001}^{(22)}m_{401}^{(20)} - m_{000}^{(11)}m_{010}^{(11)}m_{001}^{(22)}m_{302}^{(00)}\\
&-m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{221}^{(22)} + m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{212}^{(21)} + m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{122}^{(20)}\\
&-m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{113}^{(10)} + m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{311}^{(22)} - 2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{302}^{(21)}\\
&+2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{203}^{(10)} - m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{113}^{(00)} + m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{320}^{(22)}\\
&-2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{221}^{(20)} + m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{122}^{(00)} - m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{410}^{(22)}\\
&+2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{401}^{(21)} - 2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{302}^{(10)} + m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{212}^{(00)}\\
&-m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{410}^{(21)} + m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{320}^{(20)} + m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{311}^{(10)}\\
&-m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{221}^{(00)} + m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{311}^{(22)} + m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{302}^{(21)}\\
&-3m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{212}^{(20)} - m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{203}^{(10)} + 2m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{113}^{(00)}\\
&-m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(10)}m_{401}^{(22)} + 2m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(10)}m_{302}^{(20)} - m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(10)}m_{203}^{(00)}\\
&-m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{410}^{(22)} - 2m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{401}^{(21)} + 4m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{311}^{(20)}\\
&+2m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{302}^{(10)} - 3m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{212}^{(00)} + m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(21)}m_{500}^{(22)}\\
&-2m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(21)}m_{401}^{(20)} + m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(21)}m_{302}^{(00)} + m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(22)}m_{500}^{(21)}\\
&-m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(22)}m_{410}^{(20)} - m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(22)}m_{401}^{(10)} + m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(22)}m_{311}^{(00)}\\
&-m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{311}^{(21)} + m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{221}^{(20)} + m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{212}^{(10)}\\
&-m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{122}^{(00)} + m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(10)}m_{401}^{(21)} - m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(10)}m_{311}^{(20)}\\
&-m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(10)}m_{302}^{(10)} + m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(10)}m_{212}^{(00)} + m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{410}^{(21)}\\
&-m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{320}^{(20)} - m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{311}^{(10)} + m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{221}^{(00)}\\
&-m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(21)}m_{500}^{(21)} + m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(21)}m_{410}^{(20)} + m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(21)}m_{401}^{(10)}\\
&-m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(21)}m_{311}^{(00)} + m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{302}^{(21)} - m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{212}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{203}^{(10)} + m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{113}^{(00)} - 2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{311}^{(21)}\\
&+2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{221}^{(20)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{212}^{(10)} - 2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{122}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{320}^{(21)} - m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{230}^{(20)} - m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{221}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{131}^{(00)} - m_{000}^{(11)}(m_{001}^{(10)})^2m_{302}^{(21)} + m_{000}^{(11)}(m_{001}^{(10)})^2m_{212}^{(20)}
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$$+m_{000}^{(11)}(m_{001}^{(10)})^2m_{203}^{(10)} - m_{000}^{(11)}(m_{001}^{(10)})^2m_{113}^{(00)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{311}^{(21)}$$
$$-2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{221}^{(20)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{212}^{(10)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{122}^{(00)}$$
$$+2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{401}^{(21)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{311}^{(20)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{302}^{(10)}$$
$$+2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{212}^{(00)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{410}^{(21)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{320}^{(20)}$$
$$+2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{311}^{(10)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{221}^{(00)} - 2m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{401}^{(21)}$$
$$+2m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{311}^{(20)} + 2m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{302}^{(10)} - 2m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{212}^{(00)}$$
$$+m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(22)}m_{500}^{(21)} - m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(22)}m_{410}^{(20)} - m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(22)}m_{401}^{(10)}$$
$$+m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(22)}m_{311}^{(00)} - m_{000}^{(11)}(m_{001}^{(20)})^2m_{320}^{(21)} + m_{000}^{(11)}(m_{001}^{(20)})^2m_{230}^{(20)}$$
$$+m_{000}^{(11)}(m_{001}^{(20)})^2m_{221}^{(10)} - m_{000}^{(11)}(m_{001}^{(20)})^2m_{131}^{(00)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{001}^{(21)}m_{410}$$
$$-2m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{320}^{(20)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{311}^{(10)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{221}^{(00)}$$
$$-m_{000}^{(11)}(m_{001}^{(21)})^2m_{500}^{(21)} + m_{000}^{(11)}(m_{001}^{(21)})^2m_{410}^{(20)} + m_{000}^{(11)}(m_{001}^{(21)})^2m_{401}^{(10)}$$
$$-m_{000}^{(11)}(m_{001}^{(21)})^2m_{311}^{(00)} - m_{000}^{(20)}m_{100}^{(00)}m_{100}^{(11)}m_{032}^{(22)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{100}^{(11)}m_{023}^{(21)}$$
$$-m_{000}^{(20)}m_{100}^{(00)}m_{100}^{(11)}m_{014}^{(11)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{100}^{(21)}m_{041}^{(22)} - 4m_{000}^{(20)}m_{100}^{(00)}m_{100}^{(21)}m_{032}^{(21)}$$
$$+2m_{000}^{(20)}m_{100}^{(00)}m_{100}^{(21)}m_{023}^{(11)} - m_{000}^{(20)}m_{100}^{(00)}m_{100}^{(22)}m_{050}^{(22)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{100}^{(22)}m_{041}^{(21)}$$
$$-m_{000}^{(20)}m_{100}^{(00)}m_{100}^{(22)}m_{032}^{(11)} - m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(10)}m_{032}^{(22)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(10)}m_{023}^{(21)}$$
$$-m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(10)}m_{014}^{(11)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(11)}m_{122}^{(22)} - 4m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(11)}m_{113}^{(21)}$$
$$+2m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(11)}m_{104}^{(11)} + m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(20)}m_{041}^{(22)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(20)}m_{032}^{(21)}$$
$$+m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(20)}m_{023}^{(11)} - 3m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(21)}m_{131}^{(22)} + 6m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(21)}m_{122}^{(21)}$$
$$-3m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(21)}m_{113}^{(11)} + m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(22)}m_{140}^{(22)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(22)}m_{131}^{(21)}$$
$$+m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(22)}m_{122}^{(11)} + m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(10)}m_{041}^{(22)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(10)}m_{032}^{(21)}$$
$$+m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(10)}m_{023}^{(11)} - m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(11)}m_{131}^{(22)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(11)}m_{122}^{(21)}$$
$$-m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(11)}m_{113}^{(11)} - m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(20)}m_{050}^{(22)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(20)}m_{041}^{(21)}$$
$$-m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(20)}m_{032}^{(11)} + m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(21)}m_{140}^{(22)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(21)}m_{131}^{(21)}$$
$$+m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(21)}m_{122}^{(11)} + m_{000}^{(20)}(m_{100}^{(10)})^2m_{032}^{(22)} - 2m_{000}^{(20)}(m_{100}^{(10)})^2m_{023}^{(21)}$$
$$+m_{000}^{(20)}(m_{100}^{(10)})^2m_{014}^{(11)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(20)}m_{041}^{(22)} + 4m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(20)}m_{032}^{(21)}$$
$$-2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(20)}m_{023}^{(11)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(21)}m_{131}^{(22)} + 4m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(21)}m_{122}^{(21)}$$
$$-2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(21)}m_{113}^{(11)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(22)}m_{140}^{(22)} - 4m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(22)}m_{131}^{(21)}$$
$$+2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(22)}m_{122}^{(11)} + m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(00)}m_{032}^{(22)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(00)}m_{023}^{(21)}$$
$$+m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(00)}m_{014}^{(11)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(10)}m_{122}^{(22)} + 4m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(10)}m_{113}^{(21)}$$
$$-2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(10)}m_{104}^{(11)} - m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(11)}m_{212}^{(22)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(11)}m_{203}^{(21)}$$
$$-2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(11)}m_{104}^{(10)} + m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(11)}m_{014}^{(00)} + 4m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{221}^{(22)}$$
$$-8m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{212}^{(21)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{203}^{(11)} + 4m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{113}^{(10)}$$
$$-2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{023}^{(00)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(22)}m_{230}^{(22)} + 4m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(22)}m_{221}^{(21)}$$
$$-m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(22)}m_{212}^{(11)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(22)}m_{122}^{(10)} + m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(22)}m_{032}^{(00)}$$
$$-m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(00)}m_{041}^{(22)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(00)}m_{032}^{(21)} - m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(00)}m_{023}^{(11)}$$
$$+m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(11)}m_{221}^{(22)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(11)}m_{212}^{(21)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(11)}m_{113}^{(10)}$$
$$-m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(11)}m_{023}^{(00)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(20)}m_{140}^{(22)} - 4m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(20)}m_{131}^{(21)}$$
$$+2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(20)}m_{122}^{(11)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(21)}m_{230}^{(22)} + 4m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(21)}m_{221}^{(21)}$$

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\begin{aligned}
&-4m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(21)}m_{122}^{(10)}+2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(21)}m_{032}^{(00)}-m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(22)}m_{221}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(22)}m_{131}^{(10)}-m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(22)}m_{041}^{(00)}+2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(20)}m_{131}^{(22)}\\
&-4m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(20)}m_{122}^{(21)}+2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(20)}m_{113}^{(11)}-m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(22)}m_{230}^{(22)}\\
&+2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(22)}m_{221}^{(21)}-m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(22)}m_{212}^{(11)}+m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(10)}m_{212}^{(22)}\\
&-2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(10)}m_{203}^{(21)}+2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(10)}m_{104}^{(10)}-m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(10)}m_{014}^{(00)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(20)}m_{221}^{(22)}+2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(20)}m_{212}^{(21)}-2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(20)}m_{113}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(20)}m_{023}^{(00)}-m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(21)}m_{311}^{(22)}+2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(21)}m_{302}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(21)}m_{203}^{(10)}+m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(21)}m_{113}^{(00)}+m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(22)}m_{320}^{(22)}\\
&-2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(22)}m_{311}^{(21)}+2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(22)}m_{212}^{(10)}-m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(22)}m_{122}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(00)}m_{131}^{(22)}-2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(00)}m_{122}^{(21)}+m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(00)}m_{113}^{(11)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(10)}m_{221}^{(22)}+2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(10)}m_{212}^{(21)}-2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(10)}m_{113}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(10)}m_{023}^{(00)}-m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(20)}m_{230}^{(22)}+2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(20)}m_{221}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(20)}m_{212}^{(11)}+2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(20)}m_{122}^{(10)}-m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(20)}m_{032}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(21)}m_{320}^{(22)}-2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(21)}m_{311}^{(21)}+2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(21)}m_{212}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(21)}m_{122}^{(00)}+m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(22)}m_{311}^{(11)}-2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(22)}m_{221}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(22)}m_{131}^{(00)}+m_{000}^{(20)}(m_{100}^{(20)})^2m_{050}^{(22)}-2m_{000}^{(20)}(m_{100}^{(20)})^2m_{041}^{(21)}\\
&+m_{000}^{(20)}(m_{100}^{(20)})^2m_{032}^{(11)}-2m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(21)}m_{140}^{(22)}+4m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(21)}m_{131}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(21)}m_{122}^{(11)}-m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(00)}m_{041}^{(22)}+2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(00)}m_{032}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(00)}m_{023}^{(11)}+4m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(10)}m_{131}^{(22)}-8m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(10)}m_{122}^{(21)}\\
&+4m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(10)}m_{113}^{(11)}-3m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{221}^{(22)}+6m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{212}^{(21)}\\
&-4m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{203}^{(11)}+2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{113}^{(10)}-m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{023}^{(00)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(20)}m_{140}^{(22)}+4m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(20)}m_{131}^{(21)}-2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(20)}m_{122}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{230}^{(22)}-4m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{221}^{(21)}+4m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{212}^{(11)}\\
&-4m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{122}^{(10)}+2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{032}^{(00)}-m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(22)}m_{221}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(22)}m_{131}^{(10)}-m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(22)}m_{041}^{(00)}+m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(00)}m_{050}^{(22)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(00)}m_{041}^{(21)}+m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(00)}m_{032}^{(11)}-2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(10)}m_{140}^{(22)}\\
&+4m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(10)}m_{131}^{(21)}-2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(10)}m_{122}^{(11)}+m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(11)}m_{230}^{(22)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(11)}m_{221}^{(21)}+2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(11)}m_{212}^{(11)}-2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(11)}m_{122}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(11)}m_{032}^{(00)}-2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(21)}m_{221}^{(11)}+4m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(21)}m_{131}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(21)}m_{041}^{(00)}+m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(22)}m_{230}^{(11)}-2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(22)}m_{140}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(22)}m_{050}^{(00)}+m_{000}^{(20)}(m_{100}^{(21)})^2m_{230}^{(22)}-2m_{000}^{(20)}(m_{100}^{(21)})^2m_{221}^{(21)}\\
&+m_{000}^{(20)}(m_{100}^{(21)})^2m_{212}^{(11)}-m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(00)}m_{131}^{(22)}+2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(00)}m_{122}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(00)}m_{113}^{(11)}+2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{203}^{(11)}-4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{113}^{(10)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{023}^{(00)}+m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{311}^{(22)}-2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{302}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{203}^{(10)}-m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{113}^{(00)}+2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{230}^{(22)}\\
&-4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{221}^{(21)}+4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{122}^{(10)}-2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{032}^{(00)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{320}^{(22)}+4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{311}^{(21)}-2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{302}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(22)}m_{311}^{(11)}-2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(22)}m_{221}^{(10)}+m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(22)}m_{131}^{(00)}
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&-m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(00)}m_{140}^{(22)}+2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(00)}m_{131}^{(21)}-m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(00)}m_{122}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{230}^{(22)}-4m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{221}^{(21)}+4m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{122}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{032}^{(00)}-m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(11)}m_{320}^{(22)}+2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(11)}m_{311}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(11)}m_{212}^{(10)}+m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(11)}m_{122}^{(00)}+2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(20)}m_{221}^{(11)}\\
&-4m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(20)}m_{131}^{(10)}+2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(20)}m_{041}^{(00)}-m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(22)}m_{320}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(22)}m_{230}^{(10)}-m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(22)}m_{140}^{(00)}+m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(00)}m_{140}^{(22)}\\
&-2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(00)}m_{131}^{(21)}+m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(00)}m_{122}^{(11)}-2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{230}^{(22)}\\
&+4m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{221}^{(21)}-3m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{212}^{(11)}+2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{122}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{032}^{(00)}+m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{320}^{(22)}-2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{311}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{302}^{(11)}-2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{212}^{(10)}+m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{122}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(20)}m_{221}^{(11)}-2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(20)}m_{131}^{(10)}+m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(20)}m_{041}^{(00)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(21)}m_{311}^{(11)}+2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(21)}m_{221}^{(10)}-m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(21)}m_{131}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(10)}m_{221}^{(11)}-2m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(10)}m_{131}^{(10)}+m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(10)}m_{041}^{(00)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(11)}m_{311}^{(11)}+2m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(11)}m_{221}^{(10)}-m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(11)}m_{131}^{(00)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(20)}m_{230}^{(11)}+2m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(20)}m_{140}^{(10)}-m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(20)}m_{050}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(21)}m_{320}^{(11)}-2m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(21)}m_{230}^{(10)}+m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(21)}m_{140}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(11)}m_{212}^{(22)}+2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(11)}m_{203}^{(21)}-2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(11)}m_{104}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(11)}m_{014}^{(00)}+2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{221}^{(22)}-4m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{212}^{(21)}\\
&+4m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{113}^{(10)}-2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{023}^{(00)}-m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(22)}m_{230}^{(22)}\\
&+2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(22)}m_{221}^{(21)}-2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(22)}m_{122}^{(10)}+m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(22)}m_{032}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(10)}m_{131}^{(22)}+2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(10)}m_{122}^{(21)}-m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(10)}m_{113}^{(11)}\\
&+m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(11)}m_{221}^{(22)}-2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(11)}m_{212}^{(21)}+2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(11)}m_{113}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(11)}m_{023}^{(00)}+m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(20)}m_{140}^{(22)}-2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(20)}m_{131}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(20)}m_{122}^{(11)}-m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{230}^{(22)}+2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{221}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{212}^{(11)}-4m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{122}^{(10)}+2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{032}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(22)}m_{221}^{(11)}+2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(22)}m_{131}^{(10)}-m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(22)}m_{041}^{(00)}\\
&+m_{000}^{(20)}(m_{010}^{(10)})^2m_{212}^{(22)}-2m_{000}^{(20)}(m_{010}^{(10)})^2m_{203}^{(21)}+2m_{000}^{(20)}(m_{010}^{(10)})^2m_{104}^{(10)}\\
&-m_{000}^{(20)}(m_{010}^{(10)})^2m_{014}^{(00)}-2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{221}^{(22)}+4m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{212}^{(21)}\\
&-4m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{113}^{(10)}+2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{023}^{(00)}-2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{311}^{(22)}\\
&+4m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{302}^{(21)}-4m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{203}^{(10)}+2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{113}^{(00)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{320}^{(22)}-4m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{311}^{(21)}+4m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{212}^{(10)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{122}^{(00)}+m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(00)}m_{131}^{(22)}-2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(00)}m_{122}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(00)}m_{113}^{(11)}+2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{203}^{(11)}-4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{113}^{(10)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{023}^{(00)}-m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{311}^{(22)}+2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{302}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{203}^{(10)}+m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{113}^{(00)}-2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{230}^{(22)}\\
&+4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{221}^{(21)}-4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{212}^{(11)}+4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{122}^{(10)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{032}^{(00)}+2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{320}^{(22)}-4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{311}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{302}^{(11)}+8m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{212}^{(10)}-4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{122}^{(00)}
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$$+3m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(22)}m_{311}^{(11)} - 6m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(22)}m_{221}^{(10)} + 3m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(22)}m_{131}^{(00)}$$
$$+2m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{311}^{(22)} - 4m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{302}^{(21)} + 4m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{203}^{(10)}$$
$$-2m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{113}^{(00)} - m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{410}^{(22)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{401}^{(21)}$$
$$-2m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{302}^{(10)} + m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{212}^{(00)} - m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{221}^{(22)}$$
$$+2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{212}^{(21)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{203}^{(11)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{113}^{(10)}$$
$$-m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{023}^{(00)} + m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{311}^{(22)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{302}^{(21)}$$
$$+2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{203}^{(10)} - m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{113}^{(00)} + m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{320}^{(22)}$$
$$-2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{311}^{(21)} + 4m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{302}^{(11)} - 6m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{212}^{(10)}$$
$$+3m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{122}^{(00)} - m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{410}^{(22)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{401}^{(21)}$$
$$-2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{302}^{(10)} + m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{212}^{(00)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(22)}m_{401}^{(11)}$$
$$+4m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(22)}m_{311}^{(10)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(22)}m_{221}^{(00)} + m_{000}^{(20)}(m_{010}^{(20)})^2m_{230}^{(22)}$$
$$-2m_{000}^{(20)}(m_{010}^{(20)})^2m_{221}^{(21)} + 2m_{000}^{(20)}(m_{010}^{(20)})^2m_{122}^{(10)} - m_{000}^{(20)}(m_{010}^{(20)})^2m_{032}^{(00)}$$
$$-2m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{320}^{(22)} + 4m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{311}^{(21)} - 4m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{212}^{(10)}$$
$$+2m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{122}^{(00)} - m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(00)}m_{140}^{(22)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(00)}m_{131}^{(21)}$$
$$-m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(00)}m_{122}^{(11)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{230}^{(22)} - 4m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{221}^{(21)}$$
$$+4m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{122}^{(10)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{032}^{(00)} - m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{320}^{(22)}$$
$$+2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{311}^{(21)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{212}^{(10)} + m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{122}^{(00)}$$
$$+2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(20)}m_{221}^{(11)} - 4m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(20)}m_{131}^{(10)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(20)}m_{041}^{(00)}$$
$$-m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(22)}m_{320}^{(11)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(22)}m_{230}^{(10)} - m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(22)}m_{140}^{(00)}$$
$$+m_{000}^{(20)}(m_{010}^{(21)})^2m_{410}^{(22)} - 2m_{000}^{(20)}(m_{010}^{(21)})^2m_{401}^{(21)} + 2m_{000}^{(20)}(m_{010}^{(21)})^2m_{302}^{(10)}$$
$$-m_{000}^{(20)}(m_{010}^{(21)})^2m_{212}^{(00)} + m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{230}^{(22)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{221}^{(21)}$$
$$+3m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{212}^{(11)} - 4m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{122}^{(10)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{032}^{(00)}$$
$$-2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{320}^{(22)} + 4m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{311}^{(21)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{302}^{(11)}$$
$$+m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{410}^{(22)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{401}^{(21)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{302}^{(10)}$$
$$-m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{212}^{(00)} - 4m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{311}^{(11)} + 8m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{221}^{(10)}$$
$$-4m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{131}^{(00)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(21)}m_{401}^{(11)} - 4m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(21)}m_{311}^{(10)}$$
$$+2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(21)}m_{221}^{(00)} + m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(22)}m_{410}^{(11)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(22)}m_{320}^{(10)}$$
$$+m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(22)}m_{230}^{(00)} - m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(00)}m_{221}^{(11)} + 2m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(00)}m_{131}^{(10)}$$
$$-m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(00)}m_{041}^{(00)} + m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{311}^{(11)} - 2m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{221}^{(10)}$$
$$+m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{131}^{(00)} + m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(20)}m_{320}^{(11)} - 2m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(20)}m_{230}^{(10)}$$
$$+m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(20)}m_{140}^{(00)} - m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(21)}m_{410}^{(11)} + 2m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(21)}m_{320}^{(10)}$$
$$-m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(21)}m_{230}^{(00)} + m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{212}^{(11)} - 2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{122}^{(10)}$$
$$+m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{032}^{(00)} - 2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{221}^{(11)} + 4m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{131}^{(10)}$$
$$-2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{041}^{(00)} + m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(22)}m_{230}^{(11)} - 2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(22)}m_{140}^{(10)}$$
$$+m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(22)}m_{050}^{(00)} - m_{000}^{(20)}(m_{001}^{(10)})^2m_{212}^{(11)} + 2m_{000}^{(20)}(m_{001}^{(10)})^2m_{122}^{(10)}$$
$$-m_{000}^{(20)}(m_{001}^{(10)})^2m_{032}^{(00)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{221}^{(11)} - 4m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{131}^{(10)}$$
$$+2m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{041}^{(00)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{311}^{(11)} - 4m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{221}^{(10)}$$
$$+2m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{131}^{(00)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(22)}m_{320}^{(11)} + 4m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(22)}m_{230}^{(10)}$$

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\begin{aligned}
&-2m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(22)}m_{140}^{(00)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{311}^{(11)} + 4m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{221}^{(10)}\\
&-2m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{131}^{(00)} + m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(22)}m_{410}^{(11)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(22)}m_{320}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(22)}m_{230}^{(00)} - m_{000}^{(20)}(m_{001}^{(20)})^2m_{230}^{(11)} + 2m_{000}^{(20)}(m_{001}^{(20)})^2m_{140}^{(10)}\\
&-m_{000}^{(20)}(m_{001}^{(20)})^2m_{050}^{(00)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{001}^{(21)}m_{320}^{(11)} - 4m_{000}^{(20)}m_{001}^{(20)}m_{001}^{(21)}m_{230}^{(10)}\\
&+2m_{000}^{(20)}m_{001}^{(20)}m_{001}^{(21)}m_{140}^{(00)} - m_{000}^{(20)}(m_{001}^{(21)})^2m_{410}^{(11)} + 2m_{000}^{(20)}(m_{001}^{(21)})^2m_{320}^{(10)}\\
&-m_{000}^{(20)}(m_{001}^{(21)})^2m_{230}^{(00)} + m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(11)}m_{122}^{(22)} - m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(11)}m_{104}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(11)}m_{023}^{(20)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(11)}m_{014}^{(10)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(21)}m_{131}^{(22)}\\
&+2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(21)}m_{113}^{(11)} + 4m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(21)}m_{032}^{(20)} - 4m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(21)}m_{023}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(22)}m_{140}^{(22)} - m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(22)}m_{122}^{(11)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(22)}m_{041}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(22)}m_{032}^{(10)} + m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(10)}m_{122}^{(22)} - m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(10)}m_{104}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(10)}m_{023}^{(20)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(10)}m_{014}^{(10)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(11)}m_{212}^{(22)}\\
&+4m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(11)}m_{113}^{(20)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(11)}m_{014}^{(00)} - m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(20)}m_{131}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(20)}m_{113}^{(11)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(20)}m_{032}^{(20)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(20)}m_{023}^{(10)}\\
&+3m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(21)}m_{221}^{(22)} + m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(21)}m_{203}^{(11)} - 6m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(21)}m_{122}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(21)}m_{113}^{(10)} + 4m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(21)}m_{023}^{(00)} - m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(22)}m_{230}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(22)}m_{212}^{(11)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(22)}m_{131}^{(20)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(22)}m_{122}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(22)}m_{032}^{(00)} - m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(10)}m_{131}^{(22)} + m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(10)}m_{113}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(10)}m_{032}^{(20)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(10)}m_{023}^{(10)} + m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(11)}m_{221}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(11)}m_{203}^{(11)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(11)}m_{122}^{(20)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(11)}m_{113}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(11)}m_{023}^{(00)} + m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(20)}m_{140}^{(22)} - m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(20)}m_{122}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(20)}m_{041}^{(20)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(20)}m_{032}^{(10)} - m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{230}^{(22)}\\
&-3m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{212}^{(11)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{131}^{(20)} + 6m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{122}^{(10)}\\
&-4m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{032}^{(00)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(22)}m_{221}^{(11)} - 4m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(22)}m_{131}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(22)}m_{041}^{(00)} - m_{000}^{(21)}(m_{100}^{(10)})^2m_{122}^{(22)} + m_{000}^{(21)}(m_{100}^{(10)})^2m_{104}^{(11)}\\
&+2m_{000}^{(21)}(m_{100}^{(10)})^2m_{023}^{(20)} - 2m_{000}^{(21)}(m_{100}^{(10)})^2m_{014}^{(10)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(20)}m_{131}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(20)}m_{113}^{(11)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(20)}m_{032}^{(20)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(20)}m_{023}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(21)}m_{221}^{(22)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(21)}m_{203}^{(11)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(21)}m_{122}^{(20)}\\
&+4m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(21)}m_{113}^{(10)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}m_{230}^{(22)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}m_{212}^{(11)}\\
&+4m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}m_{131}^{(20)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}m_{122}^{(10)} - m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(00)}m_{122}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(00)}m_{104}^{(11)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(00)}m_{023}^{(20)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(00)}m_{014}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(10)}m_{212}^{(22)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(10)}m_{113}^{(20)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(10)}m_{014}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(11)}m_{302}^{(22)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(11)}m_{203}^{(20)} + m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(11)}m_{104}^{(00)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{203}^{(11)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{113}^{(10)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{023}^{(00)}\\
&-4m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(21)}m_{311}^{(22)} + 8m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(21)}m_{212}^{(20)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(21)}m_{113}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(22)}m_{320}^{(22)} + m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(22)}m_{302}^{(11)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(22)}m_{221}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(22)}m_{212}^{(10)} + 3m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(22)}m_{122}^{(00)} + m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(00)}m_{131}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(00)}m_{113}^{(11)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(00)}m_{032}^{(20)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(00)}m_{023}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(10)}m_{203}^{(11)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(10)}m_{113}^{(10)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(10)}m_{023}^{(00)}
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&-m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(11)}m_{311}^{(22)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(11)}m_{212}^{(20)} - m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(11)}m_{113}^{(00)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{230}^{(22)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{212}^{(11)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{131}^{(20)}\\
&-8m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{122}^{(10)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{032}^{(00)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{320}^{(22)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{302}^{(11)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{221}^{(20)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{212}^{(10)}\\
&+4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{122}^{(00)} - 3m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(22)}m_{311}^{(11)} + 6m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(22)}m_{221}^{(10)}\\
&-3m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(22)}m_{131}^{(00)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{221}^{(22)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{203}^{(11)}\\
&+4m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{122}^{(20)} - 4m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{113}^{(10)} + m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(22)}m_{320}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(22)}m_{302}^{(11)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(22)}m_{221}^{(20)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(22)}m_{212}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(10)}m_{302}^{(22)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(10)}m_{203}^{(20)} - m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(10)}m_{104}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(20)}m_{311}^{(22)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(20)}m_{212}^{(20)} + m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(20)}m_{113}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(21)}m_{401}^{(22)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(21)}m_{302}^{(20)} + m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(21)}m_{203}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(22)}m_{410}^{(22)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(22)}m_{311}^{(20)} - m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(22)}m_{212}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(00)}m_{221}^{(22)} + m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(00)}m_{203}^{(11)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(00)}m_{122}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(00)}m_{113}^{(10)} + m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(10)}m_{311}^{(22)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(10)}m_{212}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(10)}m_{113}^{(00)} + m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{320}^{(22)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{302}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{221}^{(20)} + 4m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{212}^{(10)} - m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{122}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(21)}m_{410}^{(22)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(21)}m_{311}^{(20)} - m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(21)}m_{212}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(22)}m_{401}^{(11)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(22)}m_{311}^{(10)} + m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(22)}m_{221}^{(00)}\\
&-m_{000}^{(21)}(m_{100}^{(20)})^2m_{140}^{(22)} + m_{000}^{(21)}(m_{100}^{(20)})^2m_{122}^{(11)} + 2m_{000}^{(21)}(m_{100}^{(20)})^2m_{041}^{(20)}\\
&-2m_{000}^{(21)}(m_{100}^{(20)})^2m_{032}^{(10)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{230}^{(22)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{212}^{(11)}\\
&-4m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{131}^{(20)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{122}^{(10)} + m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(00)}m_{131}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(00)}m_{113}^{(11)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(00)}m_{032}^{(20)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(00)}m_{023}^{(10)}\\
&-4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{221}^{(22)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{203}^{(11)} + 8m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{122}^{(20)}\\
&-4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{113}^{(10)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{023}^{(00)} + 3m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(11)}m_{311}^{(22)}\\
&-6m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(11)}m_{212}^{(20)} + 3m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(11)}m_{113}^{(00)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{230}^{(22)}\\
&-4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{131}^{(20)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{032}^{(00)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{320}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{302}^{(11)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{221}^{(20)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{212}^{(10)}\\
&-4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{122}^{(00)} + m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}m_{311}^{(11)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}m_{221}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}m_{131}^{(00)} - m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(00)}m_{140}^{(22)} + m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(00)}m_{122}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(00)}m_{041}^{(20)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(00)}m_{032}^{(10)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{230}^{(22)}\\
&-4m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{131}^{(20)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{032}^{(00)} - m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{320}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{302}^{(11)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{221}^{(20)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{212}^{(10)}\\
&-3m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{122}^{(00)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(20)}m_{221}^{(11)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(20)}m_{131}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(20)}m_{041}^{(00)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(21)}m_{311}^{(11)} - 8m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(21)}m_{221}^{(10)}\\
&+4m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(21)}m_{131}^{(00)} - m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(22)}m_{320}^{(11)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(22)}m_{230}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(22)}m_{140}^{(00)} - m_{000}^{(21)}(m_{100}^{(21)})^2m_{320}^{(22)} + m_{000}^{(21)}(m_{100}^{(21)})^2m_{302}^{(11)}\\
&+2m_{000}^{(21)}(m_{100}^{(21)})^2m_{221}^{(20)} - 2m_{000}^{(21)}(m_{100}^{(21)})^2m_{212}^{(10)} + m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(00)}m_{221}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(00)}m_{203}^{(11)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(00)}m_{122}^{(20)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(00)}m_{113}^{(10)}
\end{aligned}
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\begin{aligned}
&-m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(11)}m_{401}^{(22)}+2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(11)}m_{302}^{(20)}-m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(11)}m_{203}^{(00)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{320}^{(22)}+2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{302}^{(11)}+4m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{221}^{(20)}\\
&-4m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{212}^{(10)}+2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(21)}m_{410}^{(22)}-4m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(21)}m_{311}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(21)}m_{212}^{(00)}-m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(22)}m_{401}^{(11)}+2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{311}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(22)}m_{221}^{(00)}+m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}m_{230}^{(22)}-m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}m_{212}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}m_{131}^{(20)}+2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}m_{122}^{(10)}-2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{320}^{(22)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{302}^{(11)}+4m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{221}^{(20)}-4m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{212}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(11)}m_{410}^{(22)}-2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(11)}m_{311}^{(20)}+m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(11)}m_{212}^{(00)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(21)}m_{401}^{(11)}+4m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(21)}m_{311}^{(10)}-2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(21)}m_{221}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(22)}m_{410}^{(11)}-2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(22)}m_{320}^{(10)}+m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(22)}m_{230}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{230}^{(22)}+m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{212}^{(11)}+2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{131}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{122}^{(10)}+2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{320}^{(22)}-m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{302}^{(11)}\\
&-4m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{221}^{(20)}+2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{212}^{(10)}+m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{122}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(11)}m_{410}^{(22)}+2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(11)}m_{311}^{(20)}-m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(11)}m_{212}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{311}^{(11)}+2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{221}^{(10)}-m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{131}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(21)}m_{401}^{(11)}-2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(21)}m_{311}^{(10)}+m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(21)}m_{221}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(10)}m_{311}^{(11)}+2m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(10)}m_{221}^{(10)}-m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(10)}m_{131}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(11)}m_{401}^{(11)}-2m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(11)}m_{311}^{(10)}+m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(11)}m_{221}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(20)}m_{320}^{(11)}-2m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(20)}m_{230}^{(10)}+m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(20)}m_{140}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(21)}m_{410}^{(11)}+2m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(21)}m_{320}^{(10)}-m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(21)}m_{230}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(11)}m_{302}^{(22)}-2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(11)}m_{203}^{(20)}+m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(11)}m_{104}^{(00)}\\
&-2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{311}^{(22)}+4m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{212}^{(20)}-2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{113}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{320}^{(22)}-2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{221}^{(20)}+m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{122}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{221}^{(22)}-m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{203}^{(11)}-2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{122}^{(20)}\\
&+2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{113}^{(10)}-m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(11)}m_{311}^{(22)}+2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(11)}m_{212}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(11)}m_{113}^{(00)}-m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{230}^{(22)}+m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{212}^{(11)}\\
&+2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{131}^{(20)}-2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{122}^{(10)}+m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{320}^{(22)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{302}^{(11)}-2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{221}^{(20)}-2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{212}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{122}^{(00)}-m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(22)}m_{311}^{(11)}+2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(22)}m_{221}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(22)}m_{131}^{(00)}-m_{000}^{(21)}(m_{010}^{(10)})^2m_{302}^{(22)}+2m_{000}^{(21)}(m_{010}^{(10)})^2m_{203}^{(20)}\\
&-m_{000}^{(21)}(m_{010}^{(10)})^2m_{104}^{(00)}+2m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{311}^{(22)}-4m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{212}^{(20)}\\
&+2m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{113}^{(00)}+2m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(21)}m_{401}^{(22)}-4m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(21)}m_{302}^{(20)}\\
&+2m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(21)}m_{203}^{(00)}-2m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{410}^{(22)}+4m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{311}^{(20)}\\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{212}^{(00)}-m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{221}^{(22)}+m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{203}^{(11)}\\
&+2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{122}^{(20)}-2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{113}^{(10)}+m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(11)}m_{401}^{(22)}\\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(11)}m_{302}^{(20)}+m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(11)}m_{203}^{(00)}+2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{320}^{(22)}\\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{302}^{(11)}-4m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{221}^{(20)}+4m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{212}^{(10)}\\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{410}^{(22)}+4m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{311}^{(20)}-2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{212}^{(00)}
\end{aligned}
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$$+m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(22)}m_{401}^{(11)}-2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(22)}m_{311}^{(10)}+m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(22)}m_{221}^{(00)}$$
$$-2m_{000}^{(21)}m_{010}^{(11)}m_{010}^{(20)}m_{401}^{(22)}+4m_{000}^{(21)}m_{010}^{(11)}m_{010}^{(20)}m_{302}^{(20)}-2m_{000}^{(21)}m_{010}^{(11)}m_{010}^{(20)}m_{203}^{(00)}$$
$$+m_{000}^{(21)}m_{010}^{(11)}m_{010}^{(22)}m_{500}^{(22)}-2m_{000}^{(21)}m_{010}^{(11)}m_{010}^{(22)}m_{401}^{(20)}+m_{000}^{(21)}m_{010}^{(11)}m_{010}^{(22)}m_{302}^{(00)}$$
$$+m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{311}^{(22)}-2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{212}^{(20)}+m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{113}^{(00)}$$
$$-m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(10)}m_{401}^{(22)}+2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(10)}m_{302}^{(20)}-m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(10)}m_{203}^{(00)}$$
$$-m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(20)}m_{410}^{(22)}+2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(20)}m_{311}^{(20)}-m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(20)}m_{212}^{(00)}$$
$$+m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(21)}m_{500}^{(22)}-2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(21)}m_{401}^{(20)}+m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(21)}m_{302}^{(00)}$$
$$-m_{000}^{(21)}(m_{010}^{(20)})^2m_{320}^{(22)}+2m_{000}^{(21)}(m_{010}^{(20)})^2m_{221}^{(20)}-m_{000}^{(21)}(m_{010}^{(20)})^2m_{122}^{(00)}$$
$$+2m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{410}^{(22)}-4m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{311}^{(20)}+2m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{212}^{(00)}$$
$$+m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{230}^{(22)}-m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{212}^{(11)}-2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{131}^{(20)}$$
$$+2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{122}^{(10)}-2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(10)}m_{320}^{(22)}+2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(10)}m_{302}^{(11)}$$
$$+4m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(10)}m_{221}^{(20)}-4m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(10)}m_{212}^{(10)}+m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(11)}m_{410}^{(22)}$$
$$-2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(11)}m_{311}^{(20)}+m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(11)}m_{212}^{(00)}-2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(21)}m_{401}^{(11)}$$
$$+4m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(21)}m_{311}^{(10)}-2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(21)}m_{221}^{(00)}+m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(22)}m_{410}^{(11)}$$
$$-2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(22)}m_{320}^{(10)}+m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(22)}m_{230}^{(00)}-m_{000}^{(21)}(m_{010}^{(21)})^2m_{500}^{(22)}$$
$$+2m_{000}^{(21)}(m_{010}^{(21)})^2m_{401}^{(20)}-m_{000}^{(21)}(m_{010}^{(21)})^2m_{302}^{(00)}-m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(22)}m_{320}$$
$$-m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{302}^{(11)}+2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{221}^{(20)}+2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{212}^{(10)}$$
$$-2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{122}^{(00)}+2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{410}^{(22)}-4m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{311}^{(20)}$$
$$+2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{212}^{(00)}-m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(11)}m_{500}^{(22)}+2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(11)}m_{401}^{(20)}$$
$$-m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(11)}m_{302}^{(00)}+2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{401}^{(11)}-4m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{311}^{(10)}$$
$$+2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{221}^{(00)}-m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(22)}m_{500}^{(11)}+2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(22)}m_{410}^{(10)}$$
$$-m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(22)}m_{320}^{(00)}+m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{311}^{(11)}-2m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{221}^{(10)}$$
$$+m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{131}^{(00)}-m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(10)}m_{401}^{(11)}+2m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(10)}m_{311}^{(10)}$$
$$-m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(10)}m_{221}^{(00)}-m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(20)}m_{410}^{(11)}+2m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(20)}m_{320}^{(10)}$$
$$-m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(20)}m_{230}^{(00)}+m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(21)}m_{500}^{(11)}-2m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(21)}m_{410}^{(10)}$$
$$+m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(21)}m_{320}^{(00)}-m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{302}^{(11)}+2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{212}^{(10)}$$
$$-m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{122}^{(00)}+2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{311}^{(11)}-4m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{221}^{(10)}$$
$$+2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{131}^{(00)}-m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(22)}m_{320}^{(11)}+2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(22)}m_{230}^{(10)}$$
$$-m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(22)}m_{140}^{(00)}+m_{000}^{(21)}(m_{001}^{(10)})^2m_{302}^{(11)}-2m_{000}^{(21)}(m_{001}^{(10)})^2m_{212}^{(10)}$$
$$+m_{000}^{(21)}(m_{001}^{(10)})^2m_{122}^{(00)}-2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{311}^{(11)}+4m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{221}^{(10)}$$
$$-2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{131}^{(00)}-2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{401}^{(11)}+4m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{311}^{(10)}$$
$$-2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{221}^{(00)}+2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(22)}m_{410}^{(11)}-4m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(22)}m_{320}^{(10)}$$
$$+2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(22)}m_{230}^{(00)}+2m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{401}^{(11)}-4m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{311}^{(10)}$$
$$+2m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{221}^{(00)}-m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(22)}m_{500}^{(11)}+2m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(22)}m_{410}^{(10)}$$
$$-m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(22)}m_{320}^{(00)}+m_{000}^{(21)}(m_{001}^{(20)})^2m_{320}^{(11)}-2m_{000}^{(21)}(m_{001}^{(20)})^2m_{230}^{(10)}$$
$$+m_{000}^{(21)}(m_{001}^{(20)})^2m_{140}^{(00)}-2m_{000}^{(21)}m_{001}^{(20)}m_{001}^{(21)}m_{410}^{(11)}+4m_{000}^{(21)}m_{001}^{(20)}m_{001}^{(21)}m_{320}^{(10)}$$
$$-2m_{000}^{(21)}m_{001}^{(20)}m_{001}^{(21)}m_{230}^{(00)}+m_{000}^{(21)}(m_{001}^{(21)})^2m_{500}^{(11)}-2m_{000}^{(21)}(m_{001}^{(21)})^2m_{410}^{(10)}$$
$$+m_{000}^{(21)}(m_{001}^{(21)})^2m_{320}^{(00)}-m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(11)}m_{122}^{(21)}+m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(11)}m_{113}^{(11)}$$

$$+m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(11)}m_{032}^{(20)} - m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(11)}m_{023}^{(10)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)}m_{131}^{(21)}$$
$$-2m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)}m_{122}^{(11)} - 2m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)}m_{041}^{(20)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)}m_{032}^{(10)}$$
$$-m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(22)}m_{140}^{(21)} + m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(22)}m_{131}^{(11)} + m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(22)}m_{050}^{(20)}$$
$$-m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(22)}m_{041}^{(10)} - m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(10)}m_{122}^{(21)} + m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(10)}m_{113}^{(11)}$$
$$+m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(10)}m_{032}^{(20)} - m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(10)}m_{023}^{(10)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(11)}m_{212}^{(21)}$$
$$-m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(11)}m_{203}^{(11)} - 2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(11)}m_{122}^{(20)} + m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(11)}m_{023}^{(00)}$$
$$+m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(20)}m_{131}^{(21)} - m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(20)}m_{122}^{(11)} - m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(20)}m_{041}^{(20)}$$
$$+m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(20)}m_{032}^{(10)} - 3m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{221}^{(21)} + m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{212}^{(11)}$$
$$+3m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{131}^{(20)} + m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{122}^{(10)} - 2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{032}^{(00)}$$
$$+m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(22)}m_{230}^{(21)} - m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(22)}m_{140}^{(20)} - m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(22)}m_{131}^{(10)}$$
$$+m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(22)}m_{041}^{(00)} + m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(10)}m_{131}^{(21)} - m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(10)}m_{122}^{(11)}$$
$$-m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(10)}m_{041}^{(20)} + m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(10)}m_{032}^{(10)} - m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(11)}m_{221}^{(21)}$$
$$+m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(11)}m_{131}^{(20)} + m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(11)}m_{122}^{(10)} - m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(11)}m_{032}^{(00)}$$
$$-m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(20)}m_{140}^{(21)} + m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(20)}m_{131}^{(11)} + m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(20)}m_{050}^{(20)}$$
$$-m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(20)}m_{041}^{(10)} + m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(21)}m_{230}^{(21)} + m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(21)}m_{221}^{(11)}$$
$$-m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(21)}m_{140}^{(20)} - 3m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(21)}m_{131}^{(10)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(21)}m_{041}^{(00)}$$
$$-m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(22)}m_{230}^{(11)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(22)}m_{140}^{(10)} - m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(22)}m_{050}^{(00)}$$
$$+m_{000}^{(22)}(m_{100}^{(10)})^2m_{122}^{(21)} - m_{000}^{(22)}(m_{100}^{(10)})^2m_{113}^{(11)} - m_{000}^{(22)}(m_{100}^{(10)})^2m_{032}^{(20)}$$
$$+m_{000}^{(22)}(m_{100}^{(10)})^2m_{023}^{(10)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(20)}m_{131}^{(21)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(20)}m_{122}^{(11)}$$
$$+2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(20)}m_{041}^{(20)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(20)}m_{032}^{(10)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}m_{221}^{(21)}$$
$$+2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}m_{212}^{(11)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}m_{131}^{(20)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}m_{122}^{(10)}$$
$$+2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(22)}m_{230}^{(21)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(22)}m_{221}^{(11)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(22)}m_{140}^{(20)}$$
$$+2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(22)}m_{131}^{(10)} + m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(00)}m_{122}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(00)}m_{113}^{(11)}$$
$$-m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(00)}m_{032}^{(20)} + m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(00)}m_{023}^{(10)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(10)}m_{212}^{(21)}$$
$$+m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(10)}m_{203}^{(11)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(10)}m_{122}^{(20)} - m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(10)}m_{023}^{(00)}$$
$$-m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}m_{302}^{(21)} + m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}m_{212}^{(20)} + m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}m_{203}^{(10)}$$
$$-m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}m_{113}^{(00)} + m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{212}^{(11)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{122}^{(10)}$$
$$+m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{032}^{(00)} + 4m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{311}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{302}^{(11)}$$
$$-4m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{221}^{(20)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{212}^{(10)} + 3m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{122}^{(00)}$$
$$-2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(22)}m_{320}^{(21)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(22)}m_{230}^{(20)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(22)}m_{221}^{(10)}$$
$$-2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(22)}m_{131}^{(00)} - m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(00)}m_{131}^{(21)} + m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(00)}m_{122}^{(11)}$$
$$+m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(00)}m_{041}^{(20)} - m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(00)}m_{032}^{(10)} + m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)}m_{212}^{(11)}$$
$$-2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)}m_{122}^{(10)} + m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)}m_{032}^{(00)} + m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{311}^{(21)}$$
$$-m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{221}^{(20)} - m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{212}^{(10)} + m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{122}^{(00)}$$
$$+2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(20)}m_{230}^{(21)} - 3m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(20)}m_{221}^{(11)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(20)}m_{140}^{(20)}$$
$$+4m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(20)}m_{131}^{(10)} - m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(20)}m_{041}^{(00)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(21)}m_{320}^{(21)}$$
$$-m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(21)}m_{311}^{(11)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(21)}m_{230}^{(20)} + 4m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(21)}m_{221}^{(10)}$$
$$-3m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(21)}m_{131}^{(00)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(22)}m_{320}^{(11)} - 4m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(22)}m_{230}^{(10)}$$

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&+2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(22)}m_{140}^{(00)}+2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{221}^{(21)}-2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{212}^{(11)}\\
&-2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{131}^{(20)}+2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{122}^{(10)}-m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(22)}m_{320}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(22)}m_{311}^{(11)}+m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(22)}m_{230}^{(20)}-m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(22)}m_{221}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(10)}m_{302}^{(21)}-m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(10)}m_{212}^{(20)}-m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(10)}m_{203}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(10)}m_{113}^{(00)}-m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)}m_{311}^{(21)}+m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)}m_{221}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)}m_{212}^{(10)}-m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)}m_{122}^{(00)}-m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(21)}m_{401}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(21)}m_{311}^{(20)}+m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(21)}m_{302}^{(10)}-m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(21)}m_{212}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(22)}m_{410}^{(21)}-m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(22)}m_{320}^{(20)}-m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(22)}m_{311}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(22)}m_{221}^{(00)}+m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(00)}m_{221}^{(21)}-m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(00)}m_{212}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(00)}m_{131}^{(20)}+m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(00)}m_{122}^{(10)}-m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(10)}m_{311}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(10)}m_{221}^{(20)}+m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(10)}m_{212}^{(10)}-m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(10)}m_{122}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(20)}m_{320}^{(21)}+2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(20)}m_{311}^{(11)}+m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(20)}m_{230}^{(20)}\\
&-3m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(20)}m_{221}^{(10)}+m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(20)}m_{131}^{(00)}+m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(21)}m_{410}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(21)}m_{320}^{(20)}-m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(21)}m_{311}^{(10)}+m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(21)}m_{221}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(22)}m_{410}^{(11)}+2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(22)}m_{320}^{(10)}-m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(22)}m_{230}^{(00)}\\
&+m_{000}^{(22)}(m_{100}^{(20)})^2m_{140}^{(21)}-m_{000}^{(22)}(m_{100}^{(20)})^2m_{131}^{(11)}-m_{000}^{(22)}(m_{100}^{(20)})^2m_{050}^{(20)}\\
&+m_{000}^{(22)}(m_{100}^{(20)})^2m_{041}^{(10)}-2m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(21)}m_{230}^{(21)}+2m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(21)}m_{221}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(21)}m_{140}^{(20)}-2m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(21)}m_{131}^{(10)}-m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(00)}m_{131}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(00)}m_{122}^{(11)}+m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(00)}m_{041}^{(20)}-m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(00)}m_{032}^{(10)}\\
&+4m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{221}^{(21)}-3m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{212}^{(11)}-4m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{131}^{(20)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{122}^{(10)}+m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{032}^{(00)}-3m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{311}^{(21)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{302}^{(11)}+3m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{221}^{(20)}-m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{212}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{122}^{(00)}-2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(20)}m_{230}^{(21)}+m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(20)}m_{221}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(20)}m_{140}^{(20)}-m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(20)}m_{041}^{(00)}+2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(21)}m_{320}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(21)}m_{311}^{(11)}-2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(21)}m_{230}^{(20)}+m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(21)}m_{131}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(00)}m_{140}^{(21)}-m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(00)}m_{131}^{(11)}-m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(00)}m_{050}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(00)}m_{041}^{(10)}-2m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(10)}m_{230}^{(21)}+m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(10)}m_{221}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(10)}m_{140}^{(20)}-m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(10)}m_{041}^{(00)}+m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(11)}m_{320}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(11)}m_{230}^{(20)}-m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(11)}m_{221}^{(10)}+m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(11)}m_{131}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(20)}m_{230}^{(11)}-2m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(20)}m_{140}^{(10)}+m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(20)}m_{050}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(21)}m_{320}^{(11)}+2m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(21)}m_{230}^{(10)}-m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(21)}m_{140}^{(00)}\\
&+m_{000}^{(22)}(m_{100}^{(21)})^2m_{320}^{(21)}-m_{000}^{(22)}(m_{100}^{(21)})^2m_{311}^{(11)}-m_{000}^{(22)}(m_{100}^{(21)})^2m_{230}^{(20)}\\
&+m_{000}^{(22)}(m_{100}^{(21)})^2m_{221}^{(10)}-m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}m_{221}^{(21)}+m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}m_{212}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}m_{131}^{(20)}-m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}m_{122}^{(10)}-m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{302}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{212}^{(10)}-m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{122}^{(00)}+m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)}m_{401}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)}m_{311}^{(20)}-m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)}m_{302}^{(10)}+m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)}m_{212}^{(00)}\\
&+2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(20)}m_{320}^{(21)}-m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(20)}m_{311}^{(11)}-2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(20)}m_{230}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(20)}m_{131}^{(00)}-2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(21)}m_{410}^{(21)}+m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(21)}m_{401}^{(11)}
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&+2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(21)}m_{320}^{(20)} - m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(21)}m_{221}^{(00)} - m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(00)}m_{230}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(00)}m_{221}^{(11)} + m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(00)}m_{140}^{(20)} - m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(00)}m_{131}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(10)}m_{320}^{(21)} - m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(10)}m_{311}^{(11)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(10)}m_{230}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(10)}m_{131}^{(00)} - m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(11)}m_{410}^{(21)} + m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(11)}m_{320}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(11)}m_{311}^{(10)} - m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(11)}m_{221}^{(00)} - m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(20)}m_{320}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(20)}m_{230}^{(10)} - m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(20)}m_{140}^{(00)} + m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(21)}m_{410}^{(11)}\\
&-2m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(21)}m_{320}^{(10)} + m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(21)}m_{230}^{(00)} + m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(00)}m_{230}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(00)}m_{221}^{(11)} - m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(00)}m_{140}^{(20)} + m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(00)}m_{131}^{(10)}\\
&-2m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)}m_{320}^{(21)} + 2m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)}m_{311}^{(11)} + 2m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)}m_{230}^{(20)}\\
&-2m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)}m_{221}^{(10)} + m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(11)}m_{410}^{(21)} - m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(11)}m_{401}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(11)}m_{320}^{(20)} + m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(11)}m_{311}^{(10)} - m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{302}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{212}^{(20)} + m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{203}^{(10)} - m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{113}^{(00)}\\
&+2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{311}^{(21)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{221}^{(20)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{212}^{(10)}\\
&+2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{122}^{(00)} - m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(22)}m_{320}^{(21)} + m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(22)}m_{230}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(22)}m_{221}^{(10)} - m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(22)}m_{131}^{(00)} - m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{221}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{212}^{(11)} + m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{131}^{(20)} - m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{122}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{311}^{(21)} - m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{221}^{(20)} - m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{212}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{122}^{(00)} + m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{230}^{(21)} - m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{221}^{(11)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{140}^{(20)} + m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{131}^{(10)} - m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{320}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{311}^{(11)} + m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{230}^{(20)} + 3m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{221}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{131}^{(00)} + m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(22)}m_{320}^{(11)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(22)}m_{230}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(22)}m_{140}^{(00)} + m_{000}^{(22)}(m_{010}^{(10)})^2m_{302}^{(21)} - m_{000}^{(22)}(m_{010}^{(10)})^2m_{212}^{(20)}\\
&-m_{000}^{(22)}(m_{010}^{(10)})^2m_{203}^{(10)} + m_{000}^{(22)}(m_{010}^{(10)})^2m_{113}^{(00)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{311}\\
&+2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{221}^{(20)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{212}^{(10)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{122}^{(00)}\\
&-2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{401}^{(21)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{311}^{(20)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{302}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{212}^{(00)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{410}^{(21)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{320}^{(20)}\\
&-2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{311}^{(10)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{221}^{(00)} + m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{221}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{212}^{(11)} - m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{131}^{(20)} + m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{122}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{302}^{(11)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{212}^{(10)} - m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{122}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{401}^{(21)} + m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{311}^{(20)} + m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{302}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{212}^{(00)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{320}^{(21)} + 3m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{311}^{(11)}\\
&+2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{230}^{(20)} - 4m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{221}^{(10)} + m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{131}^{(00)}\\
&+2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{410}^{(21)} + m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{401}^{(11)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{320}^{(20)}\\
&-4m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{311}^{(10)} + 3m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{221}^{(00)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(22)}m_{410}^{(11)}\\
&+4m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(22)}m_{320}^{(10)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(22)}m_{230}^{(00)} + 2m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{401}^{(21)}\\
&-2m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{311}^{(20)} - 2m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{302}^{(10)} + 2m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{212}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(22)}m_{500}^{(21)} + m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(22)}m_{410}^{(20)} + m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(22)}m_{401}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(22)}m_{311}^{(00)} - m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{311}^{(21)} + m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{302}^{(11)}
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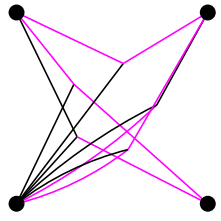
&+m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{221}^{(20)} - m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{212}^{(10)} + m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{401}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{311}^{(20)} - m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{302}^{(10)} + m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{212}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{410}^{(21)} - 2m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{401}^{(11)} - m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{320}^{(20)}\\
&+3m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{311}^{(10)} - m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{221}^{(00)} - m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(21)}m_{500}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(21)}m_{410}^{(20)} + m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(21)}m_{401}^{(10)} - m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(21)}m_{311}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(22)}m_{500}^{(11)} - 2m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(22)}m_{410}^{(10)} + m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(22)}m_{320}^{(00)}\\
&+m_{000}^{(22)}(m_{010}^{(20)})^2m_{320}^{(21)} - m_{000}^{(22)}(m_{010}^{(20)})^2m_{230}^{(20)} - m_{000}^{(22)}(m_{010}^{(20)})^2m_{221}^{(10)}\\
&+m_{000}^{(22)}(m_{010}^{(20)})^2m_{131}^{(00)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{410}^{(21)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{320}^{(20)}\\
&+2m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{311}^{(10)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{221}^{(00)} - m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(00)}m_{230}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(00)}m_{221}^{(11)} + m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(00)}m_{140}^{(20)} - m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(00)}m_{131}^{(10)}\\
&+2m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{320}^{(21)} - m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{311}^{(11)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{230}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{131}^{(00)} - m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{410}^{(21)} + m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{320}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{311}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{221}^{(00)} - m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(20)}m_{320}^{(11)}\\
&+2m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(20)}m_{230}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(20)}m_{140}^{(00)} + m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(21)}m_{410}^{(11)}\\
&-2m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(21)}m_{320}^{(10)} + m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(21)}m_{230}^{(00)} + m_{000}^{(22)}(m_{010}^{(21)})^2m_{500}^{(21)}\\
&-m_{000}^{(22)}(m_{010}^{(21)})^2m_{410}^{(20)} - m_{000}^{(22)}(m_{010}^{(21)})^2m_{401}^{(10)} + m_{000}^{(22)}(m_{010}^{(21)})^2m_{311}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{320}^{(21)} - m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{311}^{(11)} - m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{230}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{221}^{(10)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{410}^{(21)} + m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{401}^{(11)}\\
&+2m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{320}^{(20)} - m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{221}^{(00)} + m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(11)}m_{500}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(11)}m_{410}^{(20)} - m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(11)}m_{401}^{(10)} + m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(11)}m_{311}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(20)}m_{410}^{(11)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(20)}m_{320}^{(10)} + m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(20)}m_{230}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(21)}m_{500}^{(11)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(21)}m_{410}^{(10)} - m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(21)}m_{320}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{ccccc}
V1 & V1 & 1 & 1 & 1\\
1 & 1 & V2 & V2 & 2\\
V3 & 3 & V3 & V4 & V4
\end{array}
$$



$$
T_{187} = m_{000}^{(00)}m_{100}^{(00)}m_{010}^{(11)}m_{023}^{(22)} - 2m_{000}^{(00)}m_{100}^{(00)}m_{010}^{(11)}m_{014}^{(21)} + m_{000}^{(00)}m_{100}^{(00)}m_{010}^{(11)}m_{005}^{(11)}
$$

$$
\begin{aligned}
&-2m_{000}^{(00)}m_{100}^{(00)}m_{010}^{(21)}m_{032}^{(22)}+4m_{000}^{(00)}m_{100}^{(00)}m_{010}^{(21)}m_{023}^{(21)}-2m_{000}^{(00)}m_{100}^{(00)}m_{010}^{(21)}m_{014}^{(11)}\\
&+m_{000}^{(00)}m_{100}^{(00)}m_{010}^{(22)}m_{041}^{(22)}-2m_{000}^{(00)}m_{100}^{(00)}m_{010}^{(22)}m_{032}^{(21)}+m_{000}^{(00)}m_{100}^{(00)}m_{010}^{(22)}m_{023}^{(11)}\\
&-m_{000}^{(00)}m_{100}^{(00)}m_{001}^{(11)}m_{032}^{(22)}+2m_{000}^{(00)}m_{100}^{(00)}m_{001}^{(11)}m_{023}^{(21)}-m_{000}^{(00)}m_{100}^{(00)}m_{001}^{(11)}m_{014}^{(11)}\\
&+2m_{000}^{(00)}m_{100}^{(00)}m_{001}^{(21)}m_{041}^{(22)}-4m_{000}^{(00)}m_{100}^{(00)}m_{001}^{(21)}m_{032}^{(21)}+2m_{000}^{(00)}m_{100}^{(00)}m_{001}^{(21)}m_{023}^{(11)}\\
&-m_{000}^{(00)}m_{100}^{(00)}m_{001}^{(22)}m_{050}^{(22)}+2m_{000}^{(00)}m_{100}^{(00)}m_{001}^{(22)}m_{041}^{(21)}-m_{000}^{(00)}m_{100}^{(00)}m_{001}^{(22)}m_{032}^{(11)}\\
&-m_{000}^{(00)}m_{100}^{(10)}m_{100}^{(11)}m_{023}^{(22)}+2m_{000}^{(00)}m_{100}^{(10)}m_{100}^{(11)}m_{014}^{(21)}-m_{000}^{(00)}m_{100}^{(10)}m_{100}^{(11)}m_{005}^{(11)}\\
&+2m_{000}^{(00)}m_{100}^{(10)}m_{100}^{(21)}m_{032}^{(22)}-4m_{000}^{(00)}m_{100}^{(10)}m_{100}^{(21)}m_{023}^{(21)}+2m_{000}^{(00)}m_{100}^{(10)}m_{100}^{(21)}m_{014}^{(11)}\\
&-m_{000}^{(00)}m_{100}^{(10)}m_{100}^{(22)}m_{041}^{(22)}+2m_{000}^{(00)}m_{100}^{(10)}m_{100}^{(22)}m_{032}^{(21)}-m_{000}^{(00)}m_{100}^{(10)}m_{100}^{(22)}m_{023}^{(11)}\\
&-m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(11)}m_{113}^{(22)}+m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(11)}m_{104}^{(21)}+m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(11)}m_{014}^{(20)}\\
&-m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(11)}m_{005}^{(10)}+2m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(21)}m_{122}^{(22)}-2m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(21)}m_{113}^{(21)}\\
&-2m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(21)}m_{023}^{(20)}+2m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(21)}m_{014}^{(10)}-m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(22)}m_{131}^{(22)}\\
&+m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(22)}m_{122}^{(21)}+m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(22)}m_{032}^{(20)}-m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(22)}m_{023}^{(10)}\\
&+2m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(11)}m_{122}^{(22)}-3m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(11)}m_{113}^{(21)}+m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(11)}m_{104}^{(11)}\\
&-m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(11)}m_{023}^{(20)}+m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(11)}m_{014}^{(10)}-4m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(21)}m_{131}^{(22)}\\
&+6m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(21)}m_{122}^{(21)}-2m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(21)}m_{113}^{(11)}+2m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(21)}m_{032}^{(20)}\\
&-2m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(21)}m_{023}^{(10)}+2m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(22)}m_{140}^{(22)}-3m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(22)}m_{131}^{(21)}\\
&+m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(22)}m_{122}^{(11)}-m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(22)}m_{041}^{(20)}+m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(22)}m_{032}^{(10)}\\
&+m_{000}^{(00)}(m_{100}^{(11)})^2m_{113}^{(22)}-m_{000}^{(00)}(m_{100}^{(11)})^2m_{104}^{(21)}-m_{000}^{(00)}(m_{100}^{(11)})^2m_{014}^{(20)}\\
&+m_{000}^{(00)}(m_{100}^{(11)})^2m_{005}^{(10)}+m_{000}^{(00)}m_{100}^{(11)}m_{100}^{(20)}m_{032}^{(22)}-2m_{000}^{(00)}m_{100}^{(11)}m_{100}^{(20)}m_{023}^{(21)}\\
&+m_{000}^{(00)}m_{100}^{(11)}m_{100}^{(20)}m_{014}^{(11)}-3m_{000}^{(00)}m_{100}^{(11)}m_{100}^{(21)}m_{122}^{(22)}+2m_{000}^{(00)}m_{100}^{(11)}m_{100}^{(21)}m_{113}^{(21)}\\
&+m_{000}^{(00)}m_{100}^{(11)}m_{100}^{(21)}m_{104}^{(11)}+4m_{000}^{(00)}m_{100}^{(11)}m_{100}^{(21)}m_{023}^{(20)}-4m_{000}^{(00)}m_{100}^{(11)}m_{100}^{(21)}m_{014}^{(10)}\\
&+m_{000}^{(00)}m_{100}^{(11)}m_{100}^{(22)}m_{131}^{(22)}-m_{000}^{(00)}m_{100}^{(11)}m_{100}^{(22)}m_{113}^{(11)}-2m_{000}^{(00)}m_{100}^{(11)}m_{100}^{(22)}m_{032}^{(20)}\\
&+2m_{000}^{(00)}m_{100}^{(11)}m_{100}^{(22)}m_{023}^{(10)}+m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(10)}m_{113}^{(22)}-m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(10)}m_{104}^{(21)}\\
&-m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(10)}m_{014}^{(20)}+m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(10)}m_{005}^{(10)}-m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(11)}m_{203}^{(22)}\\
&+2m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(11)}m_{104}^{(20)}-m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(11)}m_{005}^{(00)}-m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(20)}m_{122}^{(22)}\\
&+m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(20)}m_{113}^{(21)}+m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(20)}m_{023}^{(20)}-m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(20)}m_{014}^{(10)}\\
&+m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(21)}m_{212}^{(22)}+m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(21)}m_{203}^{(21)}-3m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(21)}m_{113}^{(20)}\\
&-m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(21)}m_{104}^{(10)}+2m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(21)}m_{014}^{(00)}-m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(22)}m_{212}^{(21)}\\
&+m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(22)}m_{122}^{(20)}+m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(22)}m_{113}^{(10)}-m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(22)}m_{023}^{(00)}\\
&-m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(10)}m_{113}^{(21)}+m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(10)}m_{104}^{(11)}+m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(10)}m_{023}^{(20)}\\
&-m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(10)}m_{014}^{(10)}-m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(11)}m_{212}^{(22)}+2m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(11)}m_{203}^{(21)}\\
&-2m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(11)}m_{104}^{(10)}+m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(11)}m_{014}^{(00)}+m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(20)}m_{122}^{(21)}\\
&-m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(20)}m_{113}^{(11)}-m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(20)}m_{032}^{(20)}+m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(20)}m_{023}^{(10)}\\
&+2m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(21)}m_{221}^{(22)}-3m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(21)}m_{212}^{(21)}-m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(21)}m_{203}^{(11)}\\
&-m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(21)}m_{122}^{(20)}+5m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(21)}m_{113}^{(10)}-2m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(21)}m_{023}^{(00)}\\
&-m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(22)}m_{230}^{(22)}+m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(22)}m_{221}^{(21)}+m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(22)}m_{212}^{(11)}\\
&+m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(22)}m_{131}^{(20)}-3m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(22)}m_{122}^{(10)}+m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(22)}m_{032}^{(00)}\\
&-2m_{000}^{(00)}m_{100}^{(20)}m_{100}^{(21)}m_{041}^{(22)}+4m_{000}^{(00)}m_{100}^{(20)}m_{100}^{(21)}m_{032}^{(21)}-2m_{000}^{(00)}m_{100}^{(20)}m_{100}^{(21)}m_{023}^{(11)}
\end{aligned}
$$

$$+m_{000}^{(00)}m_{100}^{(20)}m_{100}^{(22)}m_{050}^{(22)} - 2m_{000}^{(00)}m_{100}^{(20)}m_{100}^{(22)}m_{041}^{(21)} + m_{000}^{(00)}m_{100}^{(20)}m_{100}^{(22)}m_{032}^{(11)}$$
$$-m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(11)}m_{122}^{(22)} + 3m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(11)}m_{113}^{(21)} - 2m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(11)}m_{104}^{(11)}$$
$$-m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(11)}m_{023}^{(20)} + m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(11)}m_{014}^{(10)} + 2m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(21)}m_{131}^{(22)}$$
$$-6m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(21)}m_{122}^{(21)} + 4m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(21)}m_{113}^{(11)} + 2m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(21)}m_{032}^{(20)}$$
$$-2m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(21)}m_{023}^{(10)} - m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(22)}m_{140}^{(22)} + 3m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(22)}m_{131}^{(21)}$$
$$-2m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(22)}m_{122}^{(11)} - m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(22)}m_{041}^{(20)} + m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(22)}m_{032}^{(10)}$$
$$-m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(11)}m_{122}^{(21)} + m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(11)}m_{113}^{(11)} + m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(11)}m_{032}^{(20)}$$
$$-m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(11)}m_{023}^{(10)} + 2m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(21)}m_{131}^{(21)} - 2m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(21)}m_{122}^{(11)}$$
$$-2m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(21)}m_{041}^{(20)} + 2m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(21)}m_{032}^{(10)} - m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(22)}m_{140}^{(21)}$$
$$+m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(22)}m_{131}^{(11)} + m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(22)}m_{050}^{(20)} - m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(22)}m_{041}^{(10)}$$
$$+2m_{000}^{(00)}(m_{100}^{(21)})^2m_{131}^{(22)} - 2m_{000}^{(00)}(m_{100}^{(21)})^2m_{113}^{(11)} - 4m_{000}^{(00)}(m_{100}^{(21)})^2m_{032}^{(20)}$$
$$+4m_{000}^{(00)}(m_{100}^{(21)})^2m_{023}^{(10)} - m_{000}^{(00)}m_{100}^{(21)}m_{100}^{(22)}m_{140}^{(22)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{100}^{(22)}m_{131}^{(21)}$$
$$+3m_{000}^{(00)}m_{100}^{(21)}m_{100}^{(22)}m_{122}^{(11)} + 4m_{000}^{(00)}m_{100}^{(21)}m_{100}^{(22)}m_{041}^{(20)} - 4m_{000}^{(00)}m_{100}^{(21)}m_{100}^{(22)}m_{032}^{(10)}$$
$$-2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(10)}m_{122}^{(22)} + 2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(10)}m_{113}^{(21)} + 2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(10)}m_{023}^{(20)}$$
$$-2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(10)}m_{014}^{(10)} + 3m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(11)}m_{212}^{(22)} - m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(11)}m_{203}^{(21)}$$
$$-5m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(11)}m_{113}^{(20)} + m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(11)}m_{104}^{(10)} + 2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(11)}m_{014}^{(00)}$$
$$+2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(20)}m_{131}^{(22)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(20)}m_{122}^{(21)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(20)}m_{032}^{(20)}$$
$$+2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(20)}m_{023}^{(10)} - 4m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{221}^{(22)} + 8m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{122}^{(20)}$$
$$-4m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{023}^{(00)} + m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(22)}m_{230}^{(22)} + m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(22)}m_{221}^{(21)}$$
$$-3m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(22)}m_{131}^{(20)} - m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(22)}m_{122}^{(10)} + 2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(22)}m_{032}^{(00)}$$
$$+2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(10)}m_{122}^{(21)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(10)}m_{113}^{(11)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(10)}m_{032}^{(20)}$$
$$+2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(10)}m_{023}^{(10)} - m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(11)}m_{212}^{(21)} - m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(11)}m_{203}^{(11)}$$
$$+m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(11)}m_{122}^{(20)} + 3m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(11)}m_{113}^{(10)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(11)}m_{023}^{(00)}$$
$$-2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(20)}m_{131}^{(21)} + 2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(20)}m_{122}^{(11)} + 2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(20)}m_{041}^{(20)}$$
$$-2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(20)}m_{032}^{(10)} + 4m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(21)}m_{212}^{(11)} - 8m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(21)}m_{122}^{(10)}$$
$$+4m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(21)}m_{032}^{(00)} + m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(22)}m_{230}^{(21)} - 3m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(22)}m_{221}^{(11)}$$
$$-m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(22)}m_{140}^{(20)} + 5m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(22)}m_{131}^{(10)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(22)}m_{041}^{(00)}$$
$$+m_{000}^{(00)}(m_{100}^{(22)})^2m_{140}^{(21)} - m_{000}^{(00)}(m_{100}^{(22)})^2m_{131}^{(11)} - m_{000}^{(00)}(m_{100}^{(22)})^2m_{050}^{(20)}$$
$$+m_{000}^{(00)}(m_{100}^{(22)})^2m_{041}^{(10)} + m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(10)}m_{131}^{(22)} - m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(10)}m_{122}^{(21)}$$
$$-m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(10)}m_{032}^{(20)} + m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(10)}m_{023}^{(10)} - m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{221}^{(22)}$$
$$-m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{212}^{(21)} + m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{203}^{(11)} + 3m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{122}^{(20)}$$
$$-m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{113}^{(10)} - m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{023}^{(00)} - m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(20)}m_{140}^{(22)}$$
$$+m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(20)}m_{131}^{(21)} + m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(20)}m_{041}^{(20)} - m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(20)}m_{032}^{(10)}$$
$$+m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{230}^{(22)} + 3m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{221}^{(21)} - 2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{212}^{(11)}$$
$$-5m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{131}^{(20)} + m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{122}^{(10)} + 2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{032}^{(00)}$$
$$-2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(22)}m_{230}^{(21)} + m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(22)}m_{221}^{(11)} + 2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(22)}m_{140}^{(20)}$$
$$-m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(22)}m_{041}^{(00)} - m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(10)}m_{131}^{(21)} + m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(10)}m_{122}^{(11)}$$
$$+m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(10)}m_{041}^{(20)} - m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(10)}m_{032}^{(10)} + m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(11)}m_{221}^{(21)}$$

$$
\begin{aligned}
&-m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(11)}m_{131}^{(20)} - m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(11)}m_{122}^{(10)} + m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(11)}m_{032}^{(00)}\\
&+m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(20)}m_{140}^{(21)} - m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(20)}m_{131}^{(11)} - m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(20)}m_{050}^{(20)}\\
&+m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(20)}m_{041}^{(10)} - m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(21)}m_{230}^{(21)} - m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(21)}m_{221}^{(11)}\\
&+m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(21)}m_{140}^{(20)} + 3m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(21)}m_{131}^{(10)} - 2m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(21)}m_{041}^{(00)}\\
&+m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(22)}m_{230}^{(11)} - 2m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(22)}m_{140}^{(10)} + m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(22)}m_{050}^{(00)}\\
&-m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(11)}m_{113}^{(22)} + m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(11)}m_{104}^{(21)} + m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(11)}m_{014}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(11)}m_{005}^{(10)} + 2m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(21)}m_{122}^{(22)} - 2m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(21)}m_{113}^{(21)}\\
&-2m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(21)}m_{023}^{(20)} + 2m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(21)}m_{014}^{(10)} - m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(22)}m_{131}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(22)}m_{122}^{(21)} + m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(22)}m_{032}^{(20)} - m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(22)}m_{023}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(11)}m_{122}^{(22)} - m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(11)}m_{113}^{(21)} - m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(11)}m_{023}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(11)}m_{014}^{(10)} - 2m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(21)}m_{131}^{(22)} + 2m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(21)}m_{122}^{(21)}\\
&+2m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(21)}m_{032}^{(20)} - 2m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(21)}m_{023}^{(10)} + m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(22)}m_{140}^{(22)}\\
&-m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(22)}m_{131}^{(21)} - m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(22)}m_{041}^{(20)} + m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(22)}m_{032}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(11)}m_{203}^{(22)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(11)}m_{104}^{(20)} + m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(11)}m_{005}^{(00)}\\
&-2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{212}^{(22)} + 4m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{113}^{(20)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{014}^{(00)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{221}^{(22)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{122}^{(20)} + m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{023}^{(00)}\\
&-2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{212}^{(22)} + m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{203}^{(21)} + 3m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{113}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{104}^{(10)} - m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{014}^{(00)} + 4m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{221}^{(22)}\\
&-2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{212}^{(21)} - 6m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{122}^{(20)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{113}^{(10)}\\
&+2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{023}^{(00)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{230}^{(22)} + m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{221}^{(21)}\\
&+3m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{131}^{(20)} - m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{122}^{(10)} - m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{032}^{(00)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{212}^{(22)} - 2m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{203}^{(21)} + 2m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{104}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{014}^{(00)} - m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(21)}m_{302}^{(22)} + 2m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(21)}m_{203}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(21)}m_{104}^{(00)} + m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(22)}m_{302}^{(21)} - m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(22)}m_{212}^{(20)}\\
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&-m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{104}^{(11)} - m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{023}^{(20)} + m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{014}^{(10)}\\
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&-m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{014}^{(00)} + m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(11)}m_{302}^{(22)} - 2m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(11)}m_{203}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(11)}m_{104}^{(00)} - m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{212}^{(21)} + 2m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{203}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{122}^{(20)} - 3m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{113}^{(10)} + m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{023}^{(00)}\\
&-2m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{311}^{(22)} + m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{302}^{(21)} + 3m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{212}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{203}^{(10)} - m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{113}^{(00)} + m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(22)}m_{320}^{(22)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(22)}m_{302}^{(11)} - 2m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(22)}m_{221}^{(20)} + 2m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(22)}m_{212}^{(10)}\\
&-2m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{221}^{(22)} + 4m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{212}^{(21)} - 4m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{113}^{(10)}\\
&+2m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{023}^{(00)} + m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{230}^{(22)} - 2m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{221}^{(21)}\\
&+2m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{122}^{(10)} - m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{032}^{(00)} + m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{212}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{122}^{(20)} - m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{113}^{(10)} + m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{023}^{(00)}\\
&-2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{221}^{(21)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{131}^{(20)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{122}^{(10)}
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&-2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{032}^{(00)}+m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{230}^{(21)}-m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{140}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{131}^{(10)}+m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{041}^{(00)}+2m_{000}^{(00)}(m_{010}^{(21)})^2m_{311}^{(22)}\\
&-4m_{000}^{(00)}(m_{010}^{(21)})^2m_{212}^{(20)}+2m_{000}^{(00)}(m_{010}^{(21)})^2m_{113}^{(00)}-m_{000}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{320}^{(22)}\\
&-2m_{000}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{311}^{(21)}+4m_{000}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{221}^{(20)}+2m_{000}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{212}^{(10)}\\
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&+2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{032}^{(20)}-2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{023}^{(10)}+2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{212}^{(21)}\\
&-2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{122}^{(20)}-2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{113}^{(10)}+2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{023}^{(00)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{302}^{(21)}+m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{212}^{(20)}+m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{203}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{113}^{(00)}+2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{221}^{(21)}-4m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{212}^{(11)}\\
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&-3m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{221}^{(10)}+m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{131}^{(00)}+m_{000}^{(00)}(m_{010}^{(22)})^2m_{320}^{(21)}\\
&-m_{000}^{(00)}(m_{010}^{(22)})^2m_{230}^{(20)}-m_{000}^{(00)}(m_{010}^{(22)})^2m_{221}^{(10)}+m_{000}^{(00)}(m_{010}^{(22)})^2m_{131}^{(00)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(00)}m_{131}^{(21)}-m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(00)}m_{122}^{(11)}-m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(00)}m_{041}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(00)}m_{032}^{(10)}-m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{221}^{(21)}+m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{131}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{122}^{(10)}-m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{032}^{(00)}-m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{230}^{(21)}\\
&+2m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{221}^{(11)}+m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{140}^{(20)}-3m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{131}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{041}^{(00)}+m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(21)}m_{320}^{(21)}-m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(21)}m_{230}^{(20)}\\
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&+2m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(22)}m_{230}^{(10)}-m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(22)}m_{140}^{(00)}-m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(11)}m_{122}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(11)}m_{113}^{(11)}+m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(11)}m_{032}^{(20)}-m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(11)}m_{023}^{(10)}\\
&+2m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(21)}m_{131}^{(21)}-2m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(21)}m_{122}^{(11)}-2m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(21)}m_{041}^{(20)}\\
&+2m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(21)}m_{032}^{(10)}-m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(22)}m_{140}^{(21)}+m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(22)}m_{131}^{(11)}\\
&+m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(22)}m_{050}^{(20)}-m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(22)}m_{041}^{(10)}+2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{212}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{203}^{(11)}-2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{122}^{(20)}+m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{023}^{(00)}\\
&-4m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{221}^{(21)}+2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{212}^{(11)}+4m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{131}^{(20)}\\
&-2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{032}^{(00)}+2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{230}^{(21)}-m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{221}^{(11)}\\
&-2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{140}^{(20)}+m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{041}^{(00)}-m_{000}^{(00)}(m_{001}^{(11)})^2m_{302}^{(21)}\\
&+m_{000}^{(00)}(m_{001}^{(11)})^2m_{212}^{(20)}+m_{000}^{(00)}(m_{001}^{(11)})^2m_{203}^{(10)}-m_{000}^{(00)}(m_{001}^{(11)})^2m_{113}^{(00)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{212}^{(11)}+2m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{122}^{(10)}-m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{032}^{(00)}\\
&+2m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{311}^{(21)}+m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{302}^{(11)}-2m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{221}^{(20)}\\
&-4m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{212}^{(10)}+3m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{122}^{(00)}-m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{320}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{230}^{(20)}+m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{221}^{(10)}-m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{131}^{(00)}\\
&+2m_{000}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{221}^{(11)}-4m_{000}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{131}^{(10)}+2m_{000}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{041}^{(00)}\\
&-m_{000}^{(00)}m_{001}^{(20)}m_{001}^{(22)}m_{230}^{(11)}+2m_{000}^{(00)}m_{001}^{(20)}m_{001}^{(22)}m_{140}^{(10)}-m_{000}^{(00)}m_{001}^{(20)}m_{001}^{(22)}m_{050}^{(00)}\\
&-2m_{000}^{(00)}(m_{001}^{(21)})^2m_{311}^{(11)}+4m_{000}^{(00)}(m_{001}^{(21)})^2m_{221}^{(10)}-2m_{000}^{(00)}(m_{001}^{(21)})^2m_{131}^{(00)}\\
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&-2m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(10)}m_{023}^{(22)}+4m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(10)}m_{014}^{(21)}-2m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(10)}m_{005}^{(11)}
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$$+2m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(20)}m_{032}^{(22)} - 4m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(20)}m_{023}^{(21)} + 2m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(20)}m_{014}^{(11)}$$
$$+2m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(21)}m_{122}^{(22)} - 4m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(21)}m_{113}^{(21)} + 2m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(21)}m_{104}^{(11)}$$
$$-2m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(22)}m_{131}^{(22)} + 4m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(22)}m_{122}^{(21)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(22)}m_{113}^{(11)}$$
$$+2m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(10)}m_{032}^{(22)} - 4m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(10)}m_{023}^{(21)} + 2m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(10)}m_{014}^{(11)}$$
$$-2m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(20)}m_{041}^{(22)} + 4m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(20)}m_{032}^{(21)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(20)}m_{023}^{(11)}$$
$$-2m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(21)}m_{131}^{(22)} + 4m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(21)}m_{122}^{(21)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(21)}m_{113}^{(11)}$$
$$+2m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(22)}m_{140}^{(22)} - 4m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(22)}m_{131}^{(21)} + 2m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(22)}m_{122}^{(11)}$$
$$+2m_{000}^{(10)}(m_{100}^{(10)})^2m_{023}^{(22)} - 4m_{000}^{(10)}(m_{100}^{(10)})^2m_{014}^{(21)} + 2m_{000}^{(10)}(m_{100}^{(10)})^2m_{005}^{(11)}$$
$$-2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(11)}m_{113}^{(22)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(11)}m_{104}^{(21)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(11)}m_{014}^{(20)}$$
$$-2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(11)}m_{005}^{(10)} - 4m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(20)}m_{032}^{(22)} + 8m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(20)}m_{023}^{(21)}$$
$$-4m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(20)}m_{014}^{(11)} + 4m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(21)}m_{113}^{(21)} - 4m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(21)}m_{104}^{(11)}$$
$$-4m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(21)}m_{023}^{(20)} + 4m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(21)}m_{014}^{(10)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(22)}m_{131}^{(22)}$$
$$-6m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(22)}m_{122}^{(21)} + 4m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(22)}m_{113}^{(11)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(22)}m_{032}^{(20)}$$
$$-2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(22)}m_{023}^{(10)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(11)}m_{203}^{(22)} - 4m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(11)}m_{104}^{(20)}$$
$$+2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(11)}m_{005}^{(00)} - 4m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(21)}m_{212}^{(22)} + 8m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(21)}m_{113}^{(20)}$$
$$-4m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(21)}m_{014}^{(00)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(22)}m_{221}^{(22)} - 4m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(22)}m_{122}^{(20)}$$
$$+2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(22)}m_{023}^{(00)} - 4m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(10)}m_{122}^{(22)} + 8m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(10)}m_{113}^{(21)}$$
$$-4m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(10)}m_{104}^{(11)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(11)}m_{203}^{(21)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(11)}m_{113}^{(20)}$$
$$+2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(11)}m_{104}^{(10)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(11)}m_{014}^{(00)} + 4m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(20)}m_{131}^{(22)}$$
$$-8m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(20)}m_{122}^{(21)} + 4m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(20)}m_{113}^{(11)} + 4m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{221}^{(22)}$$
$$-4m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{212}^{(21)} + 4m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{203}^{(11)} - 4m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{122}^{(20)}$$
$$-4m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{113}^{(10)} + 4m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{023}^{(00)} - 4m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(22)}m_{230}^{(22)}$$
$$+6m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(22)}m_{221}^{(21)} - 4m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(22)}m_{212}^{(11)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(22)}m_{131}^{(20)}$$
$$+2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(22)}m_{122}^{(10)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(22)}m_{032}^{(00)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(20)}m_{122}^{(22)}$$
$$-2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(20)}m_{113}^{(21)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(20)}m_{023}^{(20)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(20)}m_{014}^{(10)}$$
$$+2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(21)}m_{212}^{(22)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(21)}m_{203}^{(21)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(21)}m_{113}^{(20)}$$
$$+2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(21)}m_{104}^{(10)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{221}^{(22)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{212}^{(21)}$$
$$+2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{122}^{(20)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{113}^{(10)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(10)}m_{001}^{(22)}m_{212}^{(22)}$$
$$-2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(10)}m_{001}^{(21)}m_{203}^{(20)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(10)}m_{001}^{(10)}m_{113}^{(20)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(10)}m_{001}^{(10)}m_{104}^{(10)}$$
$$-2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{221}^{(21)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{212}^{(21)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(20)}m_{122}^{(20)}$$
$$-2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{113}^{(10)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(21)}m_{311}^{(22)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(21)}m_{302}^{(21)}$$
$$+2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(21)}m_{212}^{(20)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(21)}m_{203}^{(10)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{320}^{(22)}$$
$$-2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{311}^{(21)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{221}^{(20)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{212}^{(10)}$$
$$+2m_{000}^{(10)}(m_{100}^{(20)})^2m_{041}^{(22)} - 4m_{000}^{(10)}(m_{100}^{(20)})^2m_{032}^{(21)} + 2m_{000}^{(10)}(m_{100}^{(20)})^2m_{023}^{(11)}$$
$$-4m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(21)}m_{122}^{(21)} + 4m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(21)}m_{113}^{(11)} + 4m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(21)}m_{032}^{(20)}$$
$$-4m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(21)}m_{023}^{(10)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(22)}m_{140}^{(22)} + 6m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(22)}m_{131}^{(21)}$$
$$-4m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(22)}m_{122}^{(11)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(22)}m_{041}^{(20)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(22)}m_{032}^{(10)}$$
$$+4m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(10)}m_{122}^{(22)} - 8m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(10)}m_{113}^{(21)} + 4m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(10)}m_{104}^{(11)}$$

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&-2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(11)}m_{212}^{(22)} + 4m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(11)}m_{113}^{(20)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(11)}m_{014}^{(00)}\\
&-4m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(20)}m_{131}^{(22)} + 8m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(20)}m_{122}^{(21)} - 4m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(20)}m_{113}^{(11)}\\
&+8m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{212}^{(21)} - 4m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{203}^{(11)} - 8m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{122}^{(20)}\\
&+4m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{023}^{(00)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{230}^{(22)} - 8m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(20)}m_{221}^{(21)}\\
&+4m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{212}^{(11)} + 4m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{131}^{(20)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{032}^{(00)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{212}^{(21)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{122}^{(20)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{113}^{(10)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{023}^{(00)} - 4m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{221}^{(21)} + 4m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{131}^{(20)}\\
&+4m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{122}^{(10)} - 4m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{032}^{(00)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{230}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{140}^{(20)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{131}^{(10)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{041}^{(00)}\\
&-2m_{000}^{(10)}(m_{100}^{(21)})^2m_{221}^{(22)} + 2m_{000}^{(10)}(m_{100}^{(21)})^2m_{203}^{(11)} + 4m_{000}^{(10)}(m_{100}^{(21)})^2m_{122}^{(20)}\\
&-4m_{000}^{(10)}(m_{100}^{(21)})^2m_{113}^{(10)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{230}^{(22)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{221}^{(21)}\\
&-4m_{000}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{212}^{(11)} - 6m_{000}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{131}^{(20)} + 6m_{000}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{122}^{(10)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(11)}m_{302}^{(22)} + 4m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(11)}m_{203}^{(20)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(11)}m_{104}^{(00)}\\
&+4m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(21)}m_{311}^{(22)} - 8m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(21)}m_{212}^{(20)} + 4m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(21)}m_{113}^{(00)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{320}^{(22)} + 4m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{221}^{(20)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{122}^{(00)}\\
&-4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{212}^{(21)} + 4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{203}^{(11)} + 4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{122}^{(20)}\\
&-4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{113}^{(10)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{302}^{(21)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{212}^{(20)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{203}^{(10)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{113}^{(00)} + 4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{221}^{(21)}\\
&-4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{212}^{(11)} - 4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{131}^{(20)} + 4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{122}^{(10)}\\
&-4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{302}^{(11)} + 8m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{212}^{(10)} - 4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{122}^{(00)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{320}^{(21)} + 4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{311}^{(11)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{230}^{(20)}\\
&-6m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{221}^{(10)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{131}^{(00)} - 2m_{000}^{(10)}(m_{100}^{(22)})^2m_{230}^{(21)}\\
&+2m_{000}^{(10)}(m_{100}^{(22)})^2m_{221}^{(11)} + 2m_{000}^{(10)}(m_{100}^{(22)})^2m_{140}^{(20)} - 2m_{000}^{(10)}(m_{100}^{(22)})^2m_{131}^{(10)}\\
&-2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{221}^{(22)} + 4m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{212}^{(21)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{203}^{(11)}\\
&+2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{311}^{(22)} - 4m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{212}^{(20)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{113}^{(00)}\\
&+2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{230}^{(22)} - 4m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{221}^{(21)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{212}^{(11)}\\
&-2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{320}^{(22)} - 4m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{311}^{(21)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{302}^{(11)}\\
&+8m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{221}^{(20)} - 4m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{122}^{(00)} + 4m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(22)}m_{320}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(22)}m_{311}^{(11)} - 4m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(22)}m_{230}^{(20)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(22)}m_{131}^{(00)}\\
&+2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{221}^{(21)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{212}^{(11)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{131}^{(20)}\\
&+2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{122}^{(10)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{311}^{(21)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{221}^{(20)}\\
&+2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{212}^{(10)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{122}^{(00)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{230}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{221}^{(11)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{140}^{(20)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{131}^{(10)}\\
&+2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{320}^{(21)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{311}^{(11)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{230}^{(20)}\\
&-6m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{221}^{(10)} + 4m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{131}^{(00)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(22)}m_{320}^{(11)}\\
&+4m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(22)}m_{230}^{(10)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(22)}m_{140}^{(00)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(10)}m_{113}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(10)}m_{104}^{(21)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(10)}m_{014}^{(20)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(10)}m_{005}^{(10)}\\
&-2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(20)}m_{122}^{(22)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(20)}m_{113}^{(21)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(20)}m_{023}^{(20)}
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&-2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(20)}m_{014}^{(10)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{212}^{(22)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{203}^{(21)}\\
&+2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{113}^{(20)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{104}^{(10)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{221}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{212}^{(21)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{122}^{(20)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{113}^{(10)}\\
&-2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(10)}m_{122}^{(22)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(10)}m_{113}^{(21)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(10)}m_{023}^{(20)}\\
&-2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(10)}m_{014}^{(10)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{131}^{(22)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{122}^{(21)}\\
&-2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{032}^{(20)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{023}^{(10)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{221}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{212}^{(21)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{122}^{(20)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{113}^{(10)}\\
&-2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{230}^{(22)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{221}^{(21)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{131}^{(20)}\\
&-2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{122}^{(10)} - 2m_{000}^{(10)}(m_{010}^{(10)})^2m_{203}^{(22)} + 4m_{000}^{(10)}(m_{010}^{(10)})^2m_{104}^{(20)}\\
&-2m_{000}^{(10)}(m_{010}^{(10)})^2m_{005}^{(00)} + 4m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{203}^{(21)} - 4m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{113}^{(20)}\\
&-4m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{104}^{(10)} + 4m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{014}^{(00)} + 4m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(21)}m_{302}^{(22)}\\
&-8m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(21)}m_{203}^{(20)} + 4m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(21)}m_{104}^{(00)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{311}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{302}^{(21)} + 6m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{212}^{(20)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{203}^{(10)}\\
&-4m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{113}^{(00)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{113}^{(21)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{104}^{(11)}\\
&+2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{023}^{(20)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{014}^{(10)} + 4m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(10)}m_{212}^{(22)}\\
&-8m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(10)}m_{113}^{(20)} + 4m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(10)}m_{014}^{(00)} - 4m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{221}^{(22)}\\
&+4m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{212}^{(21)} - 4m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{203}^{(11)} + 4m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{122}^{(20)}\\
&+4m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{113}^{(10)} - 4m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{023}^{(00)} - 4m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(21)}m_{311}^{(22)}\\
&+8m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(21)}m_{212}^{(20)} - 4m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(21)}m_{113}^{(00)} + 4m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{320}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{311}^{(21)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{302}^{(11)} - 6m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{221}^{(20)}\\
&-2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{212}^{(10)} + 4m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{122}^{(00)} - 2m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(10)}m_{302}^{(22)}\\
&+4m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(10)}m_{203}^{(20)} - 2m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(10)}m_{104}^{(00)} + 2m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{311}^{(22)}\\
&-4m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{212}^{(20)} + 2m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{113}^{(00)} + 2m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(21)}m_{401}^{(22)}\\
&-4m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(21)}m_{302}^{(20)} + 2m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(21)}m_{203}^{(00)} - 2m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(22)}m_{410}^{(22)}\\
&+4m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(22)}m_{311}^{(20)} - 2m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(22)}m_{212}^{(00)} + 2m_{000}^{(10)}(m_{010}^{(20)})^2m_{221}^{(22)}\\
&-4m_{000}^{(10)}(m_{010}^{(20)})^2m_{212}^{(21)} + 4m_{000}^{(10)}(m_{010}^{(20)})^2m_{113}^{(10)} - 2m_{000}^{(10)}(m_{010}^{(20)})^2m_{023}^{(00)}\\
&-4m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{302}^{(21)} + 4m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{212}^{(20)} + 4m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{203}^{(10)}\\
&-4m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{113}^{(00)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{320}^{(22)} + 6m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{311}^{(21)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{221}^{(20)} - 6m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{212}^{(10)} + 4m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{122}^{(00)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{122}^{(21)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{113}^{(11)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{032}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{023}^{(10)} - 4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{212}^{(21)} + 4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{122}^{(20)}\\
&+4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{113}^{(10)} - 4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{023}^{(00)} + 4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{212}^{(11)}\\
&-8m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{122}^{(10)} + 4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{032}^{(00)} + 4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{311}^{(21)}\\
&-4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{221}^{(20)} - 4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{212}^{(10)} + 4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{122}^{(00)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{320}^{(21)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{311}^{(11)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{230}^{(20)}\\
&+6m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{221}^{(10)} - 4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{131}^{(00)} - 2m_{000}^{(10)}(m_{010}^{(21)})^2m_{401}^{(22)}\\
&+4m_{000}^{(10)}(m_{010}^{(21)})^2m_{302}^{(20)} - 2m_{000}^{(10)}(m_{010}^{(21)})^2m_{203}^{(00)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{410}^{(22)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{401}^{(21)} - 6m_{000}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{311}^{(20)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{302}^{(10)}
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&+4m_{000}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{212}^{(00)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{212}^{(21)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{203}^{(11)}\\
&-2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{122}^{(20)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{113}^{(10)} - 4m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{311}^{(21)}\\
&+4m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{302}^{(11)} + 4m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{221}^{(20)} - 4m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{212}^{(10)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{410}^{(21)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{401}^{(11)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{320}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{311}^{(10)} - 2m_{000}^{(10)}(m_{010}^{(22)})^2m_{410}^{(21)} + 2m_{000}^{(10)}(m_{010}^{(22)})^2m_{320}^{(20)}\\
&+2m_{000}^{(10)}(m_{010}^{(22)})^2m_{311}^{(10)} - 2m_{000}^{(10)}(m_{010}^{(22)})^2m_{221}^{(00)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{221}^{(21)}\\
&+2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{212}^{(11)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{131}^{(20)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{122}^{(10)}\\
&+2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{311}^{(21)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{221}^{(20)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{212}^{(10)}\\
&+2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{122}^{(00)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{320}^{(21)} - 4m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{311}^{(11)}\\
&-2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{230}^{(20)} + 6m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{221}^{(10)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{131}^{(00)}\\
&-2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{410}^{(21)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{320}^{(20)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{311}^{(10)}\\
&-2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{221}^{(00)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(22)}m_{410}^{(11)} - 4m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(22)}m_{320}^{(10)}\\
&+2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(22)}m_{230}^{(00)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(10)}m_{122}^{(21)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(10)}m_{113}^{(11)}\\
&-2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(10)}m_{032}^{(20)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(10)}m_{023}^{(10)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(20)}m_{131}^{(21)}\\
&+2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(20)}m_{122}^{(11)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(20)}m_{041}^{(20)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(20)}m_{032}^{(10)}\\
&-2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{221}^{(21)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{212}^{(11)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{131}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{122}^{(10)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{230}^{(21)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{221}^{(11)}\\
&-2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{140}^{(20)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{131}^{(10)} - 4m_{000}^{(10)}(m_{001}^{(10)})^2m_{212}^{(21)}\\
&+2m_{000}^{(10)}(m_{001}^{(10)})^2m_{203}^{(11)} + 4m_{000}^{(10)}(m_{001}^{(10)})^2m_{122}^{(20)} - 2m_{000}^{(10)}(m_{001}^{(10)})^2m_{023}^{(00)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(11)}m_{302}^{(21)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(11)}m_{212}^{(20)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(11)}m_{203}^{(10)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(11)}m_{113}^{(00)} + 4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{221}^{(21)} - 4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{131}^{(20)}\\
&-4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{122}^{(10)} + 4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{032}^{(00)} + 4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{311}^{(21)}\\
&-4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{302}^{(11)} - 4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{221}^{(20)} + 4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{212}^{(10)}\\
&-4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{320}^{(21)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{311}^{(11)} + 4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{230}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{131}^{(00)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{311}^{(21)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{221}^{(20)}\\
&+2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{212}^{(10)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{122}^{(00)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{401}^{(21)}\\
&+2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{311}^{(20)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{302}^{(10)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{212}^{(00)}\\
&+2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{410}^{(21)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{320}^{(20)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{311}^{(10)}\\
&+2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{221}^{(00)} - 2m_{000}^{(10)}(m_{001}^{(20)})^2m_{221}^{(11)} + 4m_{000}^{(10)}(m_{001}^{(20)})^2m_{131}^{(10)}\\
&-2m_{000}^{(10)}(m_{001}^{(20)})^2m_{041}^{(00)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(22)}m_{320}^{(11)} - 4m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(22)}m_{230}^{(10)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(22)}m_{140}^{(00)} + 2m_{000}^{(10)}(m_{001}^{(21)})^2m_{401}^{(11)} - 4m_{000}^{(10)}(m_{001}^{(21)})^2m_{311}^{(10)}\\
&+2m_{000}^{(10)}(m_{001}^{(21)})^2m_{221}^{(00)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{001}^{(22)}m_{410}^{(11)} + 4m_{000}^{(10)}m_{001}^{(21)}m_{001}^{(22)}m_{320}^{(10)}\\
&-2m_{000}^{(10)}m_{001}^{(21)}m_{001}^{(22)}m_{230}^{(00)} - m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(10)}m_{023}^{(22)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(10)}m_{014}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(10)}m_{005}^{(11)} + m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(11)}m_{113}^{(22)} - m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(11)}m_{104}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(11)}m_{014}^{(20)} + m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(11)}m_{005}^{(10)} + m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(20)}m_{032}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(20)}m_{023}^{(21)} + m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(20)}m_{014}^{(11)} - m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(21)}m_{122}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(21)}m_{104}^{(11)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(21)}m_{023}^{(20)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(21)}m_{014}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(22)}m_{122}^{(21)} - m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(22)}m_{113}^{(11)} - m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(22)}m_{032}^{(20)}
\end{aligned}
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\begin{aligned}
&+m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(22)}m_{023}^{(10)}+m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(00)}m_{023}^{(22)}-2m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(00)}m_{014}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(00)}m_{005}^{(11)}+m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(10)}m_{113}^{(22)}-m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(10)}m_{104}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(10)}m_{014}^{(20)}+m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(10)}m_{005}^{(10)}-m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(11)}m_{203}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(11)}m_{104}^{(20)}-m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(11)}m_{005}^{(00)}-3m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(20)}m_{122}^{(22)}\\
&+5m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(20)}m_{113}^{(21)}-2m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(21)}m_{104}^{(11)}+m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(20)}m_{023}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(20)}m_{014}^{(10)}+m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(21)}m_{212}^{(22)}+m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(21)}m_{203}^{(21)}\\
&-3m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(21)}m_{113}^{(20)}-m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(21)}m_{104}^{(10)}+2m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(21)}m_{014}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(22)}m_{221}^{(22)}-3m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(22)}m_{212}^{(21)}+m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(22)}m_{203}^{(11)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(22)}m_{122}^{(20)}+m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(22)}m_{113}^{(10)}-m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(22)}m_{023}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(00)}m_{032}^{(22)}+2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(00)}m_{023}^{(21)}-m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(00)}m_{014}^{(11)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(10)}m_{113}^{(21)}+m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(10)}m_{104}^{(11)}+m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(10)}m_{023}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(10)}m_{014}^{(10)}+m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(11)}m_{203}^{(21)}-m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(11)}m_{113}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(11)}m_{104}^{(10)}+m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(11)}m_{014}^{(00)}+2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(20)}m_{131}^{(22)}\\
&-3m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(20)}m_{122}^{(21)}+m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(20)}m_{113}^{(11)}-m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(20)}m_{032}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(20)}m_{023}^{(10)}-m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(21)}m_{212}^{(21)}-m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(21)}m_{203}^{(11)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(21)}m_{122}^{(20)}+3m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(21)}m_{113}^{(10)}-2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(21)}m_{023}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(22)}m_{230}^{(22)}+2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(22)}m_{221}^{(21)}-2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(22)}m_{122}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(22)}m_{032}^{(00)}+2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(20)}m_{122}^{(22)}-4m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(20)}m_{113}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(20)}m_{104}^{(11)}-m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{221}^{(22)}+2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{212}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{203}^{(11)}-m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(00)}m_{113}^{(22)}+m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(00)}m_{104}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(00)}m_{014}^{(20)}-m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(00)}m_{005}^{(10)}+2m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(20)}m_{212}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(20)}m_{203}^{(21)}-2m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(20)}m_{113}^{(20)}+2m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(20)}m_{104}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(22)}m_{311}^{(22)}+m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(22)}m_{302}^{(21)}+m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(22)}m_{212}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(22)}m_{203}^{(10)}+2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(00)}m_{122}^{(22)}-3m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(00)}m_{113}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(00)}m_{104}^{(11)}-m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(00)}m_{023}^{(20)}+m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(00)}m_{014}^{(10)}\\
&-4m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{221}^{(22)}+6m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{212}^{(21)}-2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{203}^{(11)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{122}^{(20)}-2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{113}^{(10)}+2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(22)}m_{320}^{(22)}\\
&-3m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(22)}m_{311}^{(21)}+m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(22)}m_{302}^{(11)}-m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(22)}m_{221}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(22)}m_{212}^{(10)}-2m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(20)}m_{212}^{(22)}+2m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(20)}m_{203}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(20)}m_{113}^{(20)}-2m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(20)}m_{104}^{(10)}+m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(22)}m_{311}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(22)}m_{302}^{(21)}-m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(22)}m_{212}^{(20)}+m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(22)}m_{203}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(00)}m_{212}^{(22)}+m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(00)}m_{203}^{(21)}+m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(00)}m_{113}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(00)}m_{104}^{(10)}+2m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(20)}m_{311}^{(22)}-2m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(20)}m_{302}^{(21)}\\
&-2m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(20)}m_{212}^{(20)}+2m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(20)}m_{203}^{(10)}-m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(22)}m_{410}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(22)}m_{401}^{(21)}+m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(22)}m_{311}^{(20)}-m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(22)}m_{302}^{(10)}\\
&-2m_{000}^{(11)}(m_{100}^{(20)})^2m_{131}^{(22)}+4m_{000}^{(11)}(m_{100}^{(20)})^2m_{122}^{(21)}-2m_{000}^{(11)}(m_{100}^{(20)})^2m_{113}^{(11)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{221}^{(22)}-2m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{203}^{(11)}-4m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{122}^{(20)}\\
&+4m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{113}^{(10)}+m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{230}^{(22)}-4m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{221}^{(21)}
\end{aligned}
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$$+3m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{212}^{(11)}+2m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{131}^{(20)}-2m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{122}^{(10)}$$
$$-m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(00)}m_{122}^{(22)}+3m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(00)}m_{113}^{(21)}-2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(00)}m_{104}^{(11)}$$
$$-m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(00)}m_{023}^{(20)}+m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(00)}m_{014}^{(10)}-2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{212}^{(22)}$$
$$+2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{203}^{(21)}+2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{113}^{(20)}-2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{104}^{(10)}$$
$$+2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(11)}m_{302}^{(22)}-4m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(11)}m_{203}^{(20)}+2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(11)}m_{104}^{(00)}$$
$$+4m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{221}^{(22)}-8m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{212}^{(21)}+4m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{203}^{(11)}$$
$$-2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{311}^{(22)}-2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{302}^{(21)}+6m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{212}^{(20)}$$
$$+2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{203}^{(10)}-4m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{113}^{(00)}-m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{320}^{(22)}$$
$$+5m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{311}^{(21)}-2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{302}^{(11)}-3m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{221}^{(20)}$$
$$-m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{212}^{(10)}+2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{122}^{(00)}-m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(00)}m_{122}^{(21)}$$
$$+m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(00)}m_{113}^{(11)}+m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(00)}m_{032}^{(20)}-m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(00)}m_{023}^{(10)}$$
$$+2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{212}^{(21)}-2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{203}^{(11)}-2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{122}^{(20)}$$
$$+2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{113}^{(10)}-2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{302}^{(21)}+2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{212}^{(20)}$$
$$+2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{203}^{(10)}-2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{113}^{(00)}+2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{311}^{(21)}$$
$$+2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{302}^{(11)}-2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{221}^{(20)}-6m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{212}^{(10)}$$
$$+4m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{122}^{(00)}-m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{320}^{(21)}-m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{311}^{(11)}$$
$$+m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{230}^{(20)}+3m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{221}^{(10)}-2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{131}^{(00)}$$
$$-m_{000}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{320}^{(22)}+m_{000}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{302}^{(11)}+2m_{000}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{221}^{(20)}$$
$$-2m_{000}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{212}^{(10)}+m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(00)}m_{212}^{(22)}-m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(00)}m_{203}^{(21)}$$
$$-m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(00)}m_{113}^{(20)}+m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(00)}m_{104}^{(10)}-2m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{311}^{(22)}$$
$$+2m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{302}^{(21)}+2m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{212}^{(20)}-2m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{203}^{(10)}$$
$$+m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(22)}m_{410}^{(22)}-m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(22)}m_{401}^{(21)}-m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(22)}m_{311}^{(20)}$$
$$+m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(22)}m_{302}^{(10)}+m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{212}^{(21)}-m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{203}^{(11)}$$
$$-m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{122}^{(20)}+m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{113}^{(10)}-2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{311}^{(21)}$$
$$+2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{302}^{(11)}+2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{221}^{(20)}-2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{212}^{(10)}$$
$$+m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{410}^{(21)}-m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{401}^{(11)}-m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{320}^{(20)}$$
$$+m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{311}^{(10)}+m_{000}^{(11)}(m_{100}^{(22)})^2m_{320}^{(21)}-m_{000}^{(11)}(m_{100}^{(22)})^2m_{311}^{(11)}$$
$$-m_{000}^{(11)}(m_{100}^{(22)})^2m_{230}^{(20)}+m_{000}^{(11)}(m_{100}^{(22)})^2m_{221}^{(10)}-m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{212}^{(21)}$$
$$+m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{203}^{(11)}+m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{122}^{(20)}-m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{113}^{(10)}$$
$$+m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{311}^{(22)}-m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{302}^{(21)}-m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{212}^{(20)}$$
$$+m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{203}^{(10)}-m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(11)}m_{401}^{(22)}+2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(11)}m_{302}^{(20)}$$
$$-m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(11)}m_{203}^{(00)}-m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{320}^{(22)}+3m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{311}^{(21)}$$
$$-2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{302}^{(11)}-m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{221}^{(20)}+m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{212}^{(10)}$$
$$+m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{410}^{(22)}+m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{401}^{(21)}-3m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{311}^{(20)}$$
$$-m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{302}^{(10)}+2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{212}^{(00)}-2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(22)}m_{410}^{(21)}$$
$$+m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(22)}m_{401}^{(11)}+2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(22)}m_{320}^{(20)}-m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(22)}m_{221}^{(00)}$$
$$-m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(10)}m_{311}^{(21)}+m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(10)}m_{302}^{(11)}+m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(10)}m_{221}^{(20)}$$
$$-m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(10)}m_{212}^{(10)}+m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(11)}m_{401}^{(21)}-m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(11)}m_{311}^{(20)}$$

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\begin{aligned}
&-m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(11)}m_{302}^{(10)}+m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(11)}m_{212}^{(00)}+m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(20)}m_{320}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(20)}m_{311}^{(11)}-m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(20)}m_{230}^{(20)}+m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(20)}m_{221}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(21)}m_{410}^{(21)}-m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(21)}m_{401}^{(11)}+m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(21)}m_{320}^{(20)}\\
&+3m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(21)}m_{311}^{(10)}-2m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(21)}m_{221}^{(00)}+m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(22)}m_{410}^{(11)}\\
&-2m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(22)}m_{320}^{(10)}+m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(22)}m_{230}^{(00)}-m_{000}^{(11)}(m_{010}^{(00)})^2m_{113}^{(22)}\\
&+m_{000}^{(11)}(m_{010}^{(00)})^2m_{104}^{(21)}+m_{000}^{(11)}(m_{010}^{(00)})^2m_{014}^{(20)}-m_{000}^{(11)}(m_{010}^{(00)})^2m_{005}^{(10)}\\
&+m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(10)}m_{203}^{(22)}-2m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(10)}m_{104}^{(20)}+m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(10)}m_{005}^{(00)}\\
&+3m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(20)}m_{212}^{(22)}-4m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(20)}m_{203}^{(21)}-2m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(20)}m_{113}^{(20)}\\
&+4m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(20)}m_{104}^{(10)}-m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(20)}m_{014}^{(00)}-m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(21)}m_{302}^{(22)}\\
&+2m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(21)}m_{203}^{(20)}-m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(21)}m_{104}^{(00)}-m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(22)}m_{311}^{(22)}\\
&+2m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(22)}m_{302}^{(21)}-2m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(22)}m_{203}^{(10)}+m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(22)}m_{113}^{(00)}\\
&+m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(00)}m_{122}^{(22)}-m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(00)}m_{104}^{(11)}-2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(00)}m_{023}^{(20)}\\
&+2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(00)}m_{014}^{(10)}-m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(10)}m_{203}^{(21)}+m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(10)}m_{113}^{(20)}\\
&+m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(10)}m_{104}^{(10)}-m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(10)}m_{014}^{(00)}-2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{221}^{(22)}\\
&+m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{212}^{(21)}+2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{203}^{(11)}+3m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{122}^{(20)}\\
&-5m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{113}^{(10)}+m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{023}^{(00)}+m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(21)}m_{302}^{(21)}\\
&-m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(21)}m_{212}^{(20)}-m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(21)}m_{203}^{(10)}+m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(21)}m_{113}^{(00)}\\
&+m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(22)}m_{320}^{(22)}-m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(22)}m_{311}^{(21)}-m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(22)}m_{302}^{(11)}\\
&-m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(22)}m_{221}^{(20)}+3m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(22)}m_{212}^{(10)}-m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(22)}m_{122}^{(00)}\\
&-2m_{000}^{(11)}m_{010}^{(10)}m_{010}^{(20)}m_{302}^{(22)}+4m_{000}^{(11)}m_{010}^{(10)}m_{010}^{(20)}m_{203}^{(20)}-2m_{000}^{(11)}m_{010}^{(10)}m_{010}^{(20)}m_{104}^{(00)}\\
&+m_{000}^{(11)}m_{010}^{(10)}m_{010}^{(22)}m_{401}^{(22)}-2m_{000}^{(11)}m_{010}^{(10)}m_{010}^{(22)}m_{302}^{(20)}+m_{000}^{(11)}m_{010}^{(10)}m_{010}^{(22)}m_{203}^{(00)}\\
&-2m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{212}^{(22)}+m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{203}^{(21)}+3m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{113}^{(20)}\\
&-m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{104}^{(10)}-m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{014}^{(00)}+4m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{311}^{(22)}\\
&-2m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{302}^{(21)}-6m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{212}^{(20)}+2m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{203}^{(10)}\\
&+2m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{113}^{(00)}-2m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(22)}m_{410}^{(22)}+m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(22)}m_{401}^{(21)}\\
&+3m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(22)}m_{311}^{(20)}-m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(22)}m_{302}^{(10)}-m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(22)}m_{212}^{(00)}\\
&+m_{000}^{(11)}m_{010}^{(11)}m_{001}^{(00)}m_{302}^{(22)}-2m_{000}^{(11)}m_{010}^{(11)}m_{001}^{(00)}m_{203}^{(20)}+m_{000}^{(11)}m_{010}^{(11)}m_{001}^{(00)}m_{104}^{(00)}\\
&-2m_{000}^{(11)}m_{010}^{(11)}m_{001}^{(20)}m_{401}^{(22)}+4m_{000}^{(11)}m_{010}^{(11)}m_{001}^{(20)}m_{302}^{(20)}-2m_{000}^{(11)}m_{010}^{(11)}m_{001}^{(20)}m_{203}^{(00)}\\
&+m_{000}^{(11)}m_{010}^{(11)}m_{001}^{(22)}m_{500}^{(22)}-2m_{000}^{(11)}m_{010}^{(11)}m_{001}^{(22)}m_{401}^{(20)}+m_{000}^{(11)}m_{010}^{(11)}m_{001}^{(22)}m_{302}^{(00)}\\
&-2m_{000}^{(11)}(m_{010}^{(20)})^2m_{311}^{(22)}+4m_{000}^{(11)}(m_{010}^{(20)})^2m_{302}^{(21)}-4m_{000}^{(11)}(m_{010}^{(20)})^2m_{203}^{(10)}\\
&+2m_{000}^{(11)}(m_{010}^{(20)})^2m_{113}^{(00)}+2m_{000}^{(11)}m_{010}^{(20)}m_{010}^{(21)}m_{401}^{(22)}-4m_{000}^{(11)}m_{010}^{(20)}m_{010}^{(21)}m_{302}^{(20)}\\
&+2m_{000}^{(11)}m_{010}^{(20)}m_{010}^{(21)}m_{203}^{(00)}+m_{000}^{(11)}m_{010}^{(20)}m_{010}^{(22)}m_{410}^{(22)}-4m_{000}^{(11)}m_{010}^{(20)}m_{010}^{(22)}m_{401}^{(21)}\\
&+2m_{000}^{(11)}m_{010}^{(20)}m_{010}^{(22)}m_{311}^{(20)}+4m_{000}^{(11)}m_{010}^{(20)}m_{010}^{(22)}m_{302}^{(10)}-3m_{000}^{(11)}m_{010}^{(20)}m_{010}^{(22)}m_{212}^{(00)}\\
&-m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{212}^{(21)}+2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{203}^{(11)}+m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{122}^{(20)}\\
&-3m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{113}^{(10)}+m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{023}^{(00)}+2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{302}^{(21)}\\
&-2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{212}^{(20)}-2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{203}^{(10)}+2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{113}^{(00)}\\
&-4m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{302}^{(11)}+8m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{212}^{(10)}-4m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{122}^{(00)}\\
&-2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{401}^{(21)}+2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{311}^{(20)}+2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{302}^{(10)}
\end{aligned}
$$

$$-2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{212}^{(00)}+m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{410}^{(21)}+2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{401}^{(11)}$$
$$-m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{320}^{(20)}-5m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{311}^{(10)}+3m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{221}^{(00)}$$
$$-m_{000}^{(11)}m_{010}^{(21)}m_{010}^{(22)}m_{500}^{(22)}+2m_{000}^{(11)}m_{010}^{(21)}m_{010}^{(22)}m_{401}^{(20)}-m_{000}^{(11)}m_{010}^{(21)}m_{010}^{(22)}m_{302}^{(00)}$$
$$-m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{302}^{(21)}+m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{212}^{(20)}+m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(10)}m_{203}$$
$$-m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{113}^{(00)}+2m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{401}^{(21)}-2m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{311}^{(20)}$$
$$-2m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{302}^{(10)}+2m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{212}^{(00)}-m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(22)}m_{500}^{(21)}$$
$$+m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(22)}m_{410}^{(20)}+m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(22)}m_{401}^{(10)}-m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(22)}m_{311}^{(00)}$$
$$+m_{000}^{(11)}(m_{010}^{(22)})^2m_{500}^{(21)}-m_{000}^{(11)}(m_{010}^{(22)})^2m_{410}^{(20)}-m_{000}^{(11)}(m_{010}^{(22)})^2m_{401}^{(10)}$$
$$+m_{000}^{(11)}(m_{010}^{(22)})^2m_{311}^{(00)}+m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{311}^{(21)}-m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{302}^{(11)}$$
$$-m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{221}^{(20)}+m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{212}^{(10)}-m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(10)}m_{401}^{(21)}$$
$$+m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(10)}m_{311}^{(20)}+m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(10)}m_{302}^{(10)}-m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(10)}m_{212}^{(00)}$$
$$-m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{410}^{(21)}+2m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{401}^{(11)}+m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{320}^{(20)}$$
$$-3m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{311}^{(10)}+m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{221}^{(00)}+m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(21)}m_{500}^{(21)}$$
$$-m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(21)}m_{410}^{(20)}-m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(21)}m_{401}^{(10)}+m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(21)}m_{311}^{(00)}$$
$$-m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(22)}m_{500}^{(11)}+2m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(22)}m_{410}^{(10)}-m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(22)}m_{320}^{(00)}$$
$$-m_{000}^{(11)}(m_{001}^{(00)})^2m_{122}^{(21)}+m_{000}^{(11)}(m_{001}^{(00)})^2m_{113}^{(11)}+m_{000}^{(11)}(m_{001}^{(00)})^2m_{032}^{(20)}$$
$$-m_{000}^{(11)}(m_{001}^{(00)})^2m_{023}^{(10)}+2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{212}^{(21)}-m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{203}^{(11)}$$
$$-2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{122}^{(20)}+m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{023}^{(00)}-m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{302}^{(21)}$$
$$+m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{212}^{(20)}+m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{203}^{(10)}-m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{113}^{(00)}$$
$$+2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{221}^{(21)}-3m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{212}^{(11)}-2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{131}^{(20)}$$
$$+4m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{122}^{(10)}-m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{032}^{(00)}+m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{302}^{(11)}$$
$$-2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{212}^{(10)}+m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{122}^{(00)}-m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{320}^{(21)}$$
$$+m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{311}^{(11)}+m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{230}^{(20)}-m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{221}^{(10)}$$
$$-4m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{311}^{(21)}+2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{302}^{(11)}+4m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{221}^{(20)}$$
$$-2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{122}^{(00)}+2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{410}^{(21)}-m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{401}^{(11)}$$
$$-2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{320}^{(20)}+m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{221}^{(00)}+2m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{401}^{(21)}$$
$$-2m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{311}^{(20)}-2m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{302}^{(10)}+2m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{212}^{(00)}$$
$$-m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(22)}m_{500}^{(21)}+m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(22)}m_{410}^{(20)}+m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(22)}m_{401}^{(10)}$$
$$-m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(22)}m_{311}^{(00)}+2m_{000}^{(11)}(m_{001}^{(20)})^2m_{311}^{(11)}-4m_{000}^{(11)}(m_{001}^{(20)})^2m_{221}^{(10)}$$
$$+2m_{000}^{(11)}(m_{001}^{(20)})^2m_{131}^{(00)}-2m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{401}^{(11)}+4m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{311}^{(10)}$$
$$-2m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{221}^{(00)}-m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(22)}m_{410}^{(11)}+2m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(22)}m_{320}^{(10)}$$
$$-m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(22)}m_{230}^{(00)}+m_{000}^{(11)}m_{001}^{(21)}m_{001}^{(22)}m_{500}^{(11)}-2m_{000}^{(11)}m_{001}^{(21)}m_{001}^{(22)}m_{410}^{(10)}$$
$$+m_{000}^{(11)}m_{001}^{(21)}m_{001}^{(22)}m_{320}^{(00)}+2m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(10)}m_{032}^{(22)}-4m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(10)}m_{023}^{(21)}$$
$$+2m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(10)}m_{014}^{(11)}-2m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(11)}m_{122}^{(22)}+4m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(11)}m_{113}^{(21)}$$
$$-2m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(11)}m_{104}^{(11)}-2m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(20)}m_{041}^{(22)}+4m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(20)}m_{032}^{(21)}$$
$$-2m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(20)}m_{023}^{(11)}+2m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(21)}m_{131}^{(22)}-4m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(21)}m_{122}^{(21)}$$
$$+2m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(21)}m_{113}^{(11)}-2m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(10)}m_{041}^{(22)}+4m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(10)}m_{032}^{(21)}$$
$$-2m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(10)}m_{023}^{(11)}+2m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(11)}m_{131}^{(22)}-4m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(11)}m_{122}^{(21)}$$

$$+2m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(11)}m_{113}^{(11)}+2m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(20)}m_{050}^{(22)}-4m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(20)}m_{041}^{(21)}$$
$$+2m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(20)}m_{032}^{(11)}-2m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(21)}m_{140}^{(22)}+4m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(21)}m_{131}^{(21)}$$
$$-2m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(21)}m_{122}^{(11)}-2m_{000}^{(20)}(m_{100}^{(10)})^2m_{032}^{(22)}+4m_{000}^{(20)}(m_{100}^{(10)})^2m_{023}^{(21)}$$
$$-2m_{000}^{(20)}(m_{100}^{(10)})^2m_{014}^{(11)}+4m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(11)}m_{122}^{(22)}-6m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(11)}m_{113}^{(21)}$$
$$+2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(11)}m_{104}^{(11)}-2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(11)}m_{023}^{(20)}+2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(11)}m_{014}^{(10)}$$
$$+4m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(20)}m_{041}^{(22)}-8m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(20)}m_{032}^{(21)}+4m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(20)}m_{023}^{(11)}$$
$$-4m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(21)}m_{131}^{(22)}+4m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(21)}m_{122}^{(21)}+4m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(21)}m_{032}^{(20)}$$
$$-4m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(21)}m_{023}^{(10)}+2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(22)}m_{131}^{(21)}-2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(22)}m_{122}^{(11)}$$
$$-2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(22)}m_{041}^{(20)}+2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(22)}m_{032}^{(10)}-2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(11)}m_{010}^{(21)}m_{203}$$
$$+2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(11)}m_{113}^{(20)}+2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(11)}m_{104}^{(10)}-2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(11)}m_{014}^{(00)}$$
$$+4m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{212}^{(21)}-4m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{122}^{(20)}-4m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{113}^{(10)}$$
$$+4m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{023}^{(00)}-2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(22)}m_{221}^{(21)}+2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(22)}m_{131}^{(20)}$$
$$+2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(22)}m_{122}^{(10)}-2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(22)}m_{032}^{(00)}+4m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(10)}m_{131}^{(22)}$$
$$-8m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(10)}m_{122}^{(21)}+4m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(10)}m_{113}^{(11)}-4m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(11)}m_{221}^{(22)}$$
$$+8m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(11)}m_{212}^{(21)}-2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(11)}m_{203}^{(11)}-4m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(11)}m_{113}^{(10)}$$
$$+2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(11)}m_{023}^{(00)}-4m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(20)}m_{140}^{(22)}+8m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(20)}m_{131}^{(21)}$$
$$-4m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(20)}m_{122}^{(11)}+4m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(21)}m_{230}^{(22)}-8m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(21)}m_{221}^{(21)}$$
$$+8m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(21)}m_{122}^{(10)}-4m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(21)}m_{032}^{(00)}+2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(22)}m_{221}^{(11)}$$
$$-4m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(22)}m_{131}^{(10)}+2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(22)}m_{041}^{(00)}-2m_{000}^{(20)}(m_{100}^{(11)})^2m_{212}^{(22)}$$
$$+2m_{000}^{(20)}(m_{100}^{(11)})^2m_{203}^{(21)}+2m_{000}^{(20)}(m_{100}^{(11)})^2m_{113}^{(20)}-2m_{000}^{(20)}(m_{100}^{(11)})^2m_{104}^{(10)}$$
$$-4m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(20)}m_{131}^{(22)}+6m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(20)}m_{122}^{(21)}-2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(20)}m_{113}^{(11)}$$
$$+2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(20)}m_{032}^{(20)}-2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(20)}m_{023}^{(10)}+4m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(21)}m_{221}^{(22)}$$
$$-2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(21)}m_{212}^{(21)}-2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(21)}m_{203}^{(11)}-6m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(21)}m_{122}^{(20)}$$
$$+6m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(21)}m_{113}^{(10)}-2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(22)}m_{221}^{(21)}+2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(22)}m_{212}^{(11)}$$
$$+2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(22)}m_{131}^{(20)}-2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(22)}m_{122}^{(10)}-2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(10)}m_{212}^{(22)}$$
$$+2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(10)}m_{203}^{(21)}+2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(10)}m_{113}^{(20)}-2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(10)}m_{104}^{(10)}$$
$$+2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(11)}m_{302}^{(22)}-4m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(11)}m_{203}^{(20)}+2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(11)}m_{104}^{(00)}$$
$$+2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(20)}m_{221}^{(22)}-2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(20)}m_{212}^{(21)}-2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(20)}m_{122}^{(20)}$$
$$+2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(20)}m_{113}^{(10)}-2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(21)}m_{311}^{(22)}-2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(21)}m_{302}^{(21)}$$
$$+6m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(21)}m_{212}^{(20)}+2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(21)}m_{203}^{(10)}-4m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(21)}m_{113}^{(00)}$$
$$+2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(22)}m_{311}^{(21)}-2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(22)}m_{221}^{(20)}-2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(22)}m_{212}^{(10)}$$
$$+2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(22)}m_{122}^{(00)}-2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(10)}m_{221}^{(22)}+4m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(10)}m_{212}^{(21)}$$
$$-2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(10)}m_{203}^{(11)}+2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(11)}m_{311}^{(22)}-4m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(11)}m_{302}^{(21)}$$
$$+4m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(11)}m_{203}^{(10)}-2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(11)}m_{113}^{(00)}+2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(20)}m_{230}^{(22)}$$
$$-4m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(20)}m_{221}^{(21)}+2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(20)}m_{212}^{(11)}-2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(21)}m_{320}^{(22)}$$
$$+4m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(21)}m_{311}^{(21)}+2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(21)}m_{302}^{(11)}-8m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(21)}m_{212}^{(10)}$$
$$+4m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(21)}m_{122}^{(00)}-2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(22)}m_{311}^{(11)}+4m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(22)}m_{221}^{(10)}$$
$$-2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(22)}m_{131}^{(00)}-2m_{000}^{(20)}(m_{100}^{(20)})^2m_{050}^{(22)}+4m_{000}^{(20)}(m_{100}^{(20)})^2m_{041}^{(21)}$$

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\begin{aligned}
&-2m_{000}^{(20)}(m_{100}^{(20)})^2m_{032}^{(11)} + 4m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(21)}m_{140}^{(22)} - 4m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(21)}m_{131}^{(21)}\\
&-4m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(21)}m_{041}^{(20)} + 4m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(21)}m_{032}^{(10)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(22)}m_{140}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(22)}m_{131}^{(11)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(22)}m_{050}^{(20)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(22)}m_{041}^{(10)}\\
&-4m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(10)}m_{131}^{(22)} + 8m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(10)}m_{122}^{(21)} - 4m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(10)}m_{113}^{(11)}\\
&+4m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{221}^{(22)} - 6m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{212}^{(21)} + 4m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{203}^{(11)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{122}^{(20)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{113}^{(10)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{023}^{(00)}\\
&+4m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(20)}m_{140}^{(22)} - 8m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(20)}m_{131}^{(21)} + 4m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(20)}m_{122}^{(11)}\\
&-4m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{230}^{(22)} + 4m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{221}^{(21)} - 4m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{212}^{(11)}\\
&+4m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{131}^{(20)} + 4m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{122}^{(10)} - 4m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{032}^{(00)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(22)}m_{230}^{(21)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(22)}m_{140}^{(20)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(22)}m_{131}^{(10)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(22)}m_{041}^{(00)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(11)}m_{212}^{(11)} + 4m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(11)}m_{122}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(11)}m_{032}^{(00)} + 4m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(21)}m_{221}^{(11)} - 8m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(21)}m_{131}^{(10)}\\
&+4m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(21)}m_{041}^{(00)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(22)}m_{230}^{(11)} + 4m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(22)}m_{140}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(22)}m_{050}^{(00)} - 2m_{000}^{(20)}(m_{100}^{(21)})^2m_{230}^{(22)} + 2m_{000}^{(20)}(m_{100}^{(21)})^2m_{212}^{(11)}\\
&+4m_{000}^{(20)}(m_{100}^{(21)})^2m_{131}^{(20)} - 4m_{000}^{(20)}(m_{100}^{(21)})^2m_{122}^{(10)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{100}^{(22)}m_{100}^{(21)}m_{230}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{100}^{(22)}m_{221}^{(11)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{100}^{(22)}m_{140}^{(20)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{100}^{(22)}m_{131}^{(10)}\\
&+4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{221}^{(22)} - 4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{212}^{(21)} - 4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{122}^{(20)}\\
&+4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{113}^{(10)} - 4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{311}^{(22)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{302}^{(21)}\\
&+6m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{212}^{(20)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{203}^{(10)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{113}^{(00)}\\
&-4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{230}^{(22)} + 4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{221}^{(21)} + 4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{131}^{(20)}\\
&-4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{122}^{(10)} + 4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{320}^{(22)} - 8m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{221}^{(20)}\\
&+4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{122}^{(00)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(22)}m_{320}^{(21)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(22)}m_{230}^{(20)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(22)}m_{221}^{(10)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(22)}m_{131}^{(00)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(11)}m_{302}^{(11)}\\
&-4m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(11)}m_{212}^{(10)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(11)}m_{122}^{(00)} - 4m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(21)}m_{311}^{(11)}\\
&+8m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(21)}m_{221}^{(10)} - 4m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(21)}m_{131}^{(00)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(22)}m_{320}^{(11)}\\
&-4m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(22)}m_{230}^{(10)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(22)}m_{140}^{(00)} - 2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{221}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{212}^{(11)} + 2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{131}^{(20)} - 2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{122}^{(10)}\\
&+2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{311}^{(21)} - 2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{302}^{(11)} - 2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{221}^{(20)}\\
&+2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{212}^{(10)} + 2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(20)}m_{230}^{(21)} - 2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(20)}m_{221}^{(11)}\\
&-2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(20)}m_{140}^{(20)} + 2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(20)}m_{131}^{(10)} - 2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(21)}m_{320}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(21)}m_{311}^{(11)} + 2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(21)}m_{230}^{(20)} - 2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(21)}m_{221}^{(10)}\\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(10)}m_{122}^{(22)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(10)}m_{113}^{(21)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(10)}m_{023}^{(20)}\\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(10)}m_{014}^{(10)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(11)}m_{212}^{(22)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(11)}m_{203}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(11)}m_{113}^{(20)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(11)}m_{104}^{(10)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(20)}m_{131}^{(22)}\\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(20)}m_{122}^{(21)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(20)}m_{032}^{(20)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(20)}m_{023}^{(10)}\\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{221}^{(22)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{212}^{(21)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{122}^{(20)}\\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{113}^{(10)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(10)}m_{131}^{(22)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(10)}m_{122}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(10)}m_{032}^{(20)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(10)}m_{023}^{(10)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(11)}m_{221}^{(22)}
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&+2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(11)}m_{212}^{(21)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(11)}m_{122}^{(20)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(11)}m_{113}^{(10)}\\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(20)}m_{140}^{(22)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(20)}m_{131}^{(21)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(20)}m_{041}^{(20)}\\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(20)}m_{032}^{(10)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{230}^{(22)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{221}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{131}^{(20)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{122}^{(10)} + 2m_{000}^{(20)}(m_{010}^{(10)})^2m_{212}^{(22)}\\
&-4m_{000}^{(20)}(m_{010}^{(10)})^2m_{113}^{(20)} + 2m_{000}^{(20)}(m_{010}^{(10)})^2m_{014}^{(00)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(11)}m_{302}^{(22)}\\
&+4m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(11)}m_{203}^{(20)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(11)}m_{104}^{(00)} - 4m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{212}^{(21)}\\
&+4m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{122}^{(20)} + 4m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{113}^{(10)} - 4m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{023}^{(00)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{311}^{(21)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{221}^{(20)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{212}^{(10)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{122}^{(00)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(00)}m_{122}^{(21)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(00)}m_{113}^{(11)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(00)}m_{032}^{(20)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(00)}m_{023}^{(10)} - 4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{221}^{(22)}\\
&+8m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{122}^{(20)} - 4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(00)}m_{023}^{(20)} + 4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{311}^{(22)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{302}^{(21)} - 6m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{212}^{(20)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{203}^{(10)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{113}^{(00)} + 4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{230}^{(22)} - 4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{221}^{(21)}\\
&+4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{212}^{(11)} - 4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{131}^{(20)} - 4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{122}^{(10)}\\
&+4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{032}^{(00)} - 4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{320}^{(22)} + 4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{311}^{(21)}\\
&+4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{221}^{(20)} - 4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{212}^{(10)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(22)}m_{311}^{(11)}\\
&+4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(22)}m_{221}^{(10)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(22)}m_{131}^{(00)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{311}^{(22)}\\
&+4m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{302}^{(21)} - 4m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{203}^{(10)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{113}^{(00)}\\
&+2m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(21)}m_{401}^{(22)} - 4m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(21)}m_{302}^{(20)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(21)}m_{203}^{(00)}\\
&-2m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{401}^{(21)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{311}^{(20)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{302}^{(10)}\\
&-2m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{212}^{(00)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{212}^{(21)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{203}^{(11)}\\
&+2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{122}^{(20)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{113}^{(10)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{311}^{(22)}\\
&+2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{302}^{(21)} - 6m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{212}^{(20)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{203}^{(10)}\\
&+4m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{113}^{(00)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(11)}m_{401}^{(22)} + 4m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(11)}m_{302}^{(20)}\\
&-2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(11)}m_{203}^{(00)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{320}^{(22)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{311}^{(21)}\\
&-4m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{302}^{(11)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{221}^{(20)} + 6m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{212}^{(10)}\\
&-4m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{122}^{(00)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{410}^{(22)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{401}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{311}^{(20)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{302}^{(10)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(22)}m_{401}^{(11)}\\
&-4m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(22)}m_{311}^{(10)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(22)}m_{221}^{(00)} - 2m_{000}^{(20)}(m_{010}^{(20)})^2m_{230}^{(22)}\\
&+4m_{000}^{(20)}(m_{010}^{(20)})^2m_{221}^{(21)} - 4m_{000}^{(20)}(m_{010}^{(20)})^2m_{122}^{(10)} + 2m_{000}^{(20)}(m_{010}^{(20)})^2m_{032}^{(00)}\\
&+4m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{320}^{(22)} - 4m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{311}^{(21)} - 4m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{221}^{(20)}\\
&+4m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{212}^{(10)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(22)}m_{320}^{(21)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(22)}m_{230}^{(20)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(22)}m_{221}^{(10)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(22)}m_{131}^{(00)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(00)}m_{131}^{(21)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(00)}m_{122}^{(11)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(00)}m_{041}^{(20)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(00)}m_{032}^{(10)}\\
&+4m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{221}^{(21)} - 4m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{131}^{(20)} - 4m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{122}^{(10)}\\
&+4m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{032}^{(00)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{311}^{(21)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{221}^{(20)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{212}^{(10)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{122}^{(00)} - 4m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(20)}m_{221}^{(11)}\\
&+8m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(20)}m_{131}^{(10)} - 4m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(20)}m_{041}^{(00)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(22)}m_{320}^{(11)}
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&-4m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(22)}m_{230}^{(10)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(22)}m_{140}^{(00)} - 2m_{000}^{(20)}(m_{010}^{(21)})^2m_{410}^{(22)}\\
&+4m_{000}^{(20)}(m_{010}^{(21)})^2m_{311}^{(20)} - 2m_{000}^{(20)}(m_{010}^{(21)})^2m_{212}^{(00)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{010}^{(22)}m_{410}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(21)}m_{010}^{(22)}m_{320}^{(20)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{010}^{(22)}m_{311}^{(10)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{010}^{(22)}m_{221}^{(00)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{221}^{(21)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{212}^{(11)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{131}^{(20)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{122}^{(10)} - 4m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{311}^{(21)} + 4m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{221}^{(20)}\\
&+4m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{212}^{(10)} - 4m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{122}^{(00)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{401}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{311}^{(20)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{302}^{(10)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{212}^{(00)}\\
&+4m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{311}^{(11)} - 8m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{221}^{(10)} + 4m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{131}^{(00)}\\
&-2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(22)}m_{410}^{(11)} + 4m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(22)}m_{320}^{(10)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(22)}m_{230}^{(00)}\\
&-2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{131}^{(21)} + 2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{122}^{(11)} + 2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{041}^{(20)}\\
&-2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{032}^{(10)} + 2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{221}^{(21)} - 2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{212}^{(11)}\\
&-2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{131}^{(20)} + 2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{122}^{(10)} + 2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(20)}m_{140}^{(21)}\\
&-2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(20)}m_{131}^{(11)} - 2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(20)}m_{050}^{(20)} + 2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(20)}m_{041}^{(10)}\\
&-2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{230}^{(21)} + 2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{221}^{(11)} + 2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{140}^{(20)}\\
&-2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{131}^{(10)} + 4m_{000}^{(20)}(m_{001}^{(10)})^2m_{221}^{(21)} - 2m_{000}^{(20)}(m_{001}^{(10)})^2m_{212}^{(11)}\\
&-4m_{000}^{(20)}(m_{001}^{(10)})^2m_{131}^{(20)} + 2m_{000}^{(20)}(m_{001}^{(10)})^2m_{032}^{(00)} - 6m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{311}^{(21)}\\
&+2m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{302}^{(11)} + 6m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{221}^{(20)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{212}^{(10)}\\
&-4m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{122}^{(00)} - 4m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{230}^{(21)} + 4m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{140}^{(20)}\\
&+4m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{131}^{(10)} - 4m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{041}^{(00)} + 4m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{320}^{(21)}\\
&-4m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{230}^{(20)} - 4m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{221}^{(10)} + 4m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{131}^{(00)}\\
&+2m_{000}^{(20)}(m_{001}^{(11)})^2m_{401}^{(21)} - 2m_{000}^{(20)}(m_{001}^{(11)})^2m_{311}^{(20)} - 2m_{000}^{(20)}(m_{001}^{(11)})^2m_{302}^{(10)}\\
&+2m_{000}^{(20)}(m_{001}^{(11)})^2m_{212}^{(00)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{320}^{(21)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{311}^{(11)}\\
&-2m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{230}^{(20)} - 6m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{221}^{(10)} + 4m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{131}^{(00)}\\
&-2m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{410}^{(21)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{401}^{(11)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{320}^{(20)}\\
&+6m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{311}^{(10)} - 4m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{221}^{(00)} + 2m_{000}^{(20)}(m_{001}^{(20)})^2m_{230}^{(11)}\\
&-4m_{000}^{(20)}(m_{001}^{(20)})^2m_{140}^{(10)} + 2m_{000}^{(20)}(m_{001}^{(20)})^2m_{050}^{(00)} - 4m_{000}^{(20)}m_{001}^{(20)}m_{001}^{(21)}m_{320}^{(11)}\\
&+8m_{000}^{(20)}m_{001}^{(20)}m_{001}^{(21)}m_{230}^{(10)} - 4m_{000}^{(20)}m_{001}^{(20)}m_{001}^{(21)}m_{140}^{(00)} + 2m_{000}^{(20)}(m_{001}^{(21)})^2m_{410}^{(11)}\\
&-4m_{000}^{(20)}(m_{001}^{(21)})^2m_{320}^{(10)} + 2m_{000}^{(20)}(m_{001}^{(21)})^2m_{230}^{(00)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(10)}m_{100}^{(22)}m_{032}\\
&-4m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(10)}m_{023}^{(21)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(10)}m_{014}^{(11)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(11)}m_{122}^{(22)}\\
&+2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(11)}m_{113}^{(21)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(11)}m_{023}^{(20)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(11)}m_{014}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(20)}m_{041}^{(22)} + 4m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(20)}m_{032}^{(21)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(20)}m_{023}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(21)}m_{131}^{(22)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(21)}m_{113}^{(11)} - 4m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(21)}m_{032}^{(20)}\\
&+4m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(21)}m_{023}^{(10)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(22)}m_{131}^{(21)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(22)}m_{122}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(22)}m_{041}^{(20)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(22)}m_{032}^{(10)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(00)}m_{032}^{(22)}\\
&+4m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(00)}m_{023}^{(21)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(00)}m_{014}^{(11)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(10)}m_{113}^{(21)}\\
&+2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(10)}m_{104}^{(11)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(10)}m_{023}^{(20)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(10)}m_{014}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(11)}m_{212}^{(22)} - 4m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(11)}m_{113}^{(20)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(11)}m_{014}^{(00)}\\
&+4m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(20)}m_{131}^{(22)} - 6m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(20)}m_{122}^{(21)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(20)}m_{113}^{(11)}
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&-2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(20)}m_{032}^{(20)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(20)}m_{023}^{(10)} - 4m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(21)}m_{221}^{(22)}\\
&+2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(21)}m_{212}^{(21)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(21)}m_{203}^{(11)} + 6m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(21)}m_{122}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(21)}m_{113}^{(10)} - 4m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(21)}m_{023}^{(00)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(22)}m_{221}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(22)}m_{131}^{(20)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(22)}m_{122}^{(10)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(22)}m_{032}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(00)}m_{041}^{(22)} - 4m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(00)}m_{032}^{(21)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(00)}m_{023}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(10)}m_{131}^{(22)} + 6m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(10)}m_{122}^{(21)} - 4m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(10)}m_{113}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(10)}m_{032}^{(20)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(10)}m_{023}^{(10)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(11)}m_{212}^{(21)}\\
&+2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(11)}m_{122}^{(20)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(11)}m_{113}^{(10)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(11)}m_{023}^{(00)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(20)}m_{140}^{(22)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(20)}m_{131}^{(21)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(20)}m_{041}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(20)}m_{032}^{(10)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{230}^{(22)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{221}^{(21)}\\
&+4m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{212}^{(11)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{131}^{(20)} - 6m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{122}^{(10)}\\
&+4m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{032}^{(00)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(22)}m_{221}^{(11)} + 4m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(22)}m_{131}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(22)}m_{041}^{(00)} - 2m_{000}^{(21)}(m_{100}^{(10)})^2m_{122}^{(22)} + 4m_{000}^{(21)}(m_{100}^{(10)})^2m_{113}^{(21)}\\
&-2m_{000}^{(21)}(m_{100}^{(10)})^2m_{104}^{(11)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(11)}m_{212}^{(22)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(11)}m_{203}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(11)}m_{113}^{(20)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(11)}m_{104}^{(10)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(21)}m_{212}^{(21)}\\
&+4m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(21)}m_{203}^{(11)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(21)}m_{122}^{(20)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(21)}m_{113}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}m_{221}^{(21)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}m_{212}^{(11)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}m_{131}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}m_{122}^{(10)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(00)}m_{122}^{(22)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(00)}m_{113}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(00)}m_{023}^{(20)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(00)}m_{014}^{(10)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(11)}m_{302}^{(22)}\\
&+4m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(11)}m_{203}^{(20)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(11)}m_{104}^{(00)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{221}^{(22)}\\
&+4m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{212}^{(21)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{122}^{(20)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{113}^{(10)}\\
&+4m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(21)}m_{311}^{(22)} - 8m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(21)}m_{212}^{(20)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(21)}m_{113}^{(00)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(22)}m_{311}^{(21)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(22)}m_{221}^{(20)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(22)}m_{212}^{(10)}\\
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&-2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(00)}m_{113}^{(11)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(00)}m_{032}^{(20)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(00)}m_{023}^{(10)}\\
&+4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(10)}m_{221}^{(22)} - 8m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(10)}m_{212}^{(21)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(10)}m_{203}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(11)}m_{302}^{(21)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(11)}m_{212}^{(20)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(11)}m_{203}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(11)}m_{113}^{(00)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{230}^{(22)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{221}^{(21)}\\
&-4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{131}^{(20)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{122}^{(10)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{320}^{(22)}\\
&+4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{311}^{(21)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{302}^{(11)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{221}^{(20)}\\
&+4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{212}^{(10)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{122}^{(00)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(22)}m_{311}^{(11)}\\
&-4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(22)}m_{221}^{(10)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(22)}m_{131}^{(00)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{221}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{212}^{(21)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{122}^{(20)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{113}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(21)}m_{311}^{(22)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(21)}m_{302}^{(21)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(21)}m_{212}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(21)}m_{203}^{(10)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(00)}m_{221}^{(22)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(00)}m_{212}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(00)}m_{122}^{(20)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(00)}m_{113}^{(10)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(10)}m_{311}^{(22)}\\
&+2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(10)}m_{302}^{(21)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(10)}m_{212}^{(20)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(10)}m_{203}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{320}^{(22)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{311}^{(21)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{221}^{(20)}
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&-2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{212}^{(10)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(21)}m_{410}^{(22)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(21)}m_{401}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(21)}m_{311}^{(20)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(21)}m_{302}^{(10)} + 2m_{000}^{(21)}(m_{100}^{(20)})^2m_{140}^{(22)}\\
&-4m_{000}^{(21)}(m_{100}^{(20)})^2m_{131}^{(21)} + 2m_{000}^{(21)}(m_{100}^{(20)})^2m_{122}^{(11)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{230}^{(22)}\\
&+4m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{221}^{(21)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{131}^{(20)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{122}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(22)}m_{230}^{(21)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(22)}m_{221}^{(11)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(22)}m_{140}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(22)}m_{131}^{(10)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(00)}m_{131}^{(22)} - 6m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(00)}m_{122}^{(21)}\\
&+4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(00)}m_{113}^{(11)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(00)}m_{032}^{(20)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(00)}m_{023}^{(10)}\\
&+4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{212}^{(21)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{203}^{(11)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{122}^{(20)}\\
&+4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{113}^{(10)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(11)}m_{311}^{(22)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(11)}m_{212}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(11)}m_{113}^{(00)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{230}^{(22)} + 8m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{221}^{(21)}\\
&-4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{212}^{(11)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{320}^{(22)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{311}^{(21)}\\
&+4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{302}^{(11)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{221}^{(20)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{212}^{(10)}\\
&+4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{122}^{(00)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}m_{320}^{(21)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}m_{230}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}m_{221}^{(10)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}m_{131}^{(00)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(00)}m_{131}^{(21)}\\
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&-4m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{122}^{(10)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{311}^{(21)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{221}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{212}^{(10)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{122}^{(00)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(21)}m_{311}^{(11)}\\
&+8m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(21)}m_{221}^{(10)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(21)}m_{131}^{(00)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(22)}m_{320}^{(11)}\\
&-4m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(22)}m_{230}^{(10)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(22)}m_{140}^{(00)} + 2m_{000}^{(21)}(m_{100}^{(21)})^2m_{320}^{(22)}\\
&-2m_{000}^{(21)}(m_{100}^{(21)})^2m_{302}^{(11)} - 4m_{000}^{(21)}(m_{100}^{(21)})^2m_{221}^{(20)} + 4m_{000}^{(21)}(m_{100}^{(21)})^2m_{212}^{(10)}\\
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&-2m_{000}^{(21)}m_{100}^{(21)}m_{100}^{(22)}m_{221}^{(10)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(00)}m_{221}^{(22)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(00)}m_{212}^{(21)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(00)}m_{122}^{(20)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(00)}m_{113}^{(10)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(11)}m_{401}^{(22)}\\
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&-4m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{311}^{(21)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{221}^{(20)} + 4m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{212}^{(10)}\\
&-4m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(21)}m_{410}^{(22)} + 8m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(21)}m_{311}^{(20)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(21)}m_{212}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(22)}m_{410}^{(21)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(22)}m_{320}^{(20)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(22)}m_{311}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(22)}m_{221}^{(00)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}m_{221}^{(21)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}m_{212}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}m_{131}^{(20)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}m_{122}^{(10)} + 4m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{311}^{(21)}\\
&-4m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{302}^{(11)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{221}^{(20)} + 4m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{212}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(11)}m_{401}^{(21)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(11)}m_{311}^{(20)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(11)}m_{302}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(11)}m_{212}^{(00)} + 4m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(21)}m_{401}^{(11)} - 8m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(21)}m_{311}^{(10)}\\
&+4m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(21)}m_{221}^{(00)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(22)}m_{410}^{(11)} + 4m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(22)}m_{320}^{(10)}\\
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&-2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{131}^{(20)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{122}^{(10)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{311}^{(21)}\\
&+2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{302}^{(11)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{221}^{(20)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{212}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{320}^{(21)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{311}^{(11)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{230}^{(20)}
\end{aligned}
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\begin{aligned}
&-2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{221}^{(10)}+2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(21)}m_{410}^{(21)}-2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(21)}m_{401}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(21)}m_{320}^{(20)}+2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(21)}m_{311}^{(10)}+2m_{000}^{(21)}(m_{010}^{(00)})^2m_{122}^{(22)}\\
&-2m_{000}^{(21)}(m_{010}^{(00)})^2m_{113}^{(21)}-2m_{000}^{(21)}(m_{010}^{(00)})^2m_{023}^{(20)}+2m_{000}^{(21)}(m_{010}^{(00)})^2m_{014}^{(10)}\\
&-4m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(10)}m_{212}^{(22)}+2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(10)}m_{203}^{(21)}+6m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(10)}m_{113}^{(20)}\\
&-2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(10)}m_{104}^{(10)}-2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(10)}m_{014}^{(00)}-4m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{221}^{(22)}\\
&+6m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{212}^{(21)}+2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{122}^{(20)}-6m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{113}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{023}^{(00)}+4m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{311}^{(22)}-2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{302}^{(21)}\\
&-6m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{212}^{(20)}+2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{203}^{(10)}+2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{113}^{(00)}\\
&-2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{311}^{(21)}+2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{221}^{(20)}+2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{212}^{(10)}\\
&-2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{122}^{(00)}-2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(00)}m_{131}^{(22)}+2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(00)}m_{113}^{(11)}\\
&+4m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(00)}m_{032}^{(20)}-4m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(00)}m_{023}^{(10)}+2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{221}^{(22)}\\
&-4m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{122}^{(20)}+2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{023}^{(00)}+2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{230}^{(22)}\\
&-4m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{212}^{(11)}-4m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{131}^{(20)}+8m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{122}^{(10)}\\
&-2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{032}^{(00)}-2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{320}^{(22)}+4m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{221}^{(20)}\\
&-2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{122}^{(00)}+2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(22)}m_{311}^{(11)}-4m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(22)}m_{221}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(22)}m_{131}^{(00)}+2m_{000}^{(21)}(m_{010}^{(10)})^2m_{302}^{(22)}-4m_{000}^{(21)}(m_{010}^{(10)})^2m_{203}^{(20)}\\
&+2m_{000}^{(21)}(m_{010}^{(10)})^2m_{104}^{(00)}+4m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{311}^{(22)}-4m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{302}^{(21)}\\
&-4m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{212}^{(20)}+4m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{203}^{(10)}-4m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(21)}m_{401}^{(22)}\\
&+8m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(21)}m_{302}^{(20)}-4m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(21)}m_{203}^{(00)}+2m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{401}^{(21)}\\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{311}^{(20)}-2m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{302}^{(10)}+2m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{212}^{(00)}\\
&+4m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{221}^{(22)}-2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{203}^{(11)}-8m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{122}^{(20)}\\
&+4m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{113}^{(10)}+2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{023}^{(00)}-4m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(10)}m_{311}^{(22)}\\
&+8m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(10)}m_{212}^{(20)}-4m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(10)}m_{113}^{(00)}-4m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{320}^{(22)}\\
&+4m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{302}^{(11)}+8m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{221}^{(20)}-8m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{212}^{(10)}\\
&+4m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{410}^{(22)}-8m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{311}^{(20)}+4m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{212}^{(00)}\\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(22)}m_{401}^{(11)}+4m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(22)}m_{311}^{(10)}-2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(22)}m_{221}^{(00)}\\
&-2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{311}^{(22)}+4m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{212}^{(20)}-2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{113}^{(00)}\\
&+2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(10)}m_{401}^{(22)}-4m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(10)}m_{302}^{(20)}+2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(10)}m_{203}^{(00)}\\
&+2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(20)}m_{410}^{(22)}-4m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(20)}m_{311}^{(20)}+2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(20)}m_{212}^{(00)}\\
&-2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(21)}m_{500}^{(22)}+4m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(21)}m_{401}^{(20)}-2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(21)}m_{302}^{(00)}\\
&+2m_{000}^{(21)}(m_{010}^{(20)})^2m_{320}^{(22)}-4m_{000}^{(21)}(m_{010}^{(20)})^2m_{311}^{(21)}+4m_{000}^{(21)}(m_{010}^{(20)})^2m_{212}^{(10)}\\
&-2m_{000}^{(21)}(m_{010}^{(20)})^2m_{122}^{(00)}-4m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{410}^{(22)}+4m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{401}^{(21)}\\
&+4m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{311}^{(20)}-4m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{302}^{(10)}+2m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(22)}m_{410}^{(21)}\\
&-2m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(22)}m_{320}^{(20)}-2m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(22)}m_{311}^{(10)}+2m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(22)}m_{221}^{(00)}\\
&-2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{212}^{(11)}+4m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{122}^{(10)}-2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{032}^{(00)}\\
&+4m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(10)}m_{311}^{(11)}-8m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(10)}m_{221}^{(20)}+4m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(20)}m_{131}^{(00)}\\
&-2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(22)}m_{410}^{(11)}+4m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(22)}m_{320}^{(10)}-2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(22)}m_{230}^{(00)}\\
&+2m_{000}^{(21)}(m_{010}^{(21)})^2m_{500}^{(22)}-4m_{000}^{(21)}(m_{010}^{(21)})^2m_{401}^{(20)}+2m_{000}^{(21)}(m_{010}^{(21)})^2m_{302}^{(00)}
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&-2m_{000}^{(21)}m_{010}^{(21)}m_{010}^{(22)}m_{500}^{(21)}+2m_{000}^{(21)}m_{010}^{(21)}m_{010}^{(22)}m_{410}^{(20)}+2m_{000}^{(21)}m_{010}^{(21)}m_{010}^{(22)}m_{401}^{(10)}\\
&-2m_{000}^{(21)}m_{010}^{(21)}m_{010}^{(22)}m_{311}^{(00)}+2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{302}^{(11)}-4m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{212}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{122}^{(00)}-4m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{401}^{(11)}+8m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{311}^{(10)}\\
&-4m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{221}^{(00)}+2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(22)}m_{500}^{(11)}-4m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(22)}m_{410}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(22)}m_{320}^{(00)}+2m_{000}^{(21)}(m_{001}^{(00)})^2m_{131}^{(21)}-2m_{000}^{(21)}(m_{001}^{(00)})^2m_{122}^{(11)}\\
&-2m_{000}^{(21)}(m_{001}^{(00)})^2m_{041}^{(20)}+2m_{000}^{(21)}(m_{001}^{(00)})^2m_{032}^{(10)}-6m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{221}^{(21)}\\
&+4m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{212}^{(11)}+6m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{131}^{(20)}-2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{122}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{032}^{(00)}+2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{311}^{(21)}-2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{221}^{(20)}\\
&-2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{212}^{(10)}+2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{122}^{(00)}-2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{230}^{(21)}\\
&+4m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{221}^{(11)}+2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{140}^{(20)}-6m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{131}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{041}^{(00)}+2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{320}^{(21)}-4m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{311}^{(11)}\\
&-2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{230}^{(20)}+6m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{221}^{(10)}-2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{131}^{(00)}\\
&+4m_{000}^{(21)}(m_{001}^{(10)})^2m_{311}^{(21)}-2m_{000}^{(21)}(m_{001}^{(10)})^2m_{302}^{(11)}-4m_{000}^{(21)}(m_{001}^{(10)})^2m_{221}^{(20)}\\
&+2m_{000}^{(21)}(m_{001}^{(10)})^2m_{122}^{(00)}-2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{401}^{(21)}+2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{311}^{(20)}\\
&+2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{302}^{(10)}-2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{212}^{(00)}+4m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{320}^{(21)}\\
&-4m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{311}^{(11)}-4m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{230}^{(20)}+4m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{221}^{(10)}\\
&-4m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{410}^{(21)}+4m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{401}^{(11)}+4m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{320}^{(20)}\\
&-4m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{311}^{(10)}-2m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{410}^{(21)}+2m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{320}^{(20)}\\
&+2m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{311}^{(10)}-2m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{221}^{(00)}+2m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(21)}m_{500}^{(21)}\\
&-2m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(21)}m_{410}^{(20)}-2m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(21)}m_{401}^{(10)}+2m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(21)}m_{311}^{(00)}\\
&-2m_{000}^{(21)}(m_{001}^{(20)})^2m_{320}^{(11)}+4m_{000}^{(21)}(m_{001}^{(20)})^2m_{230}^{(10)}-2m_{000}^{(21)}(m_{001}^{(20)})^2m_{140}^{(00)}\\
&+4m_{000}^{(21)}m_{001}^{(20)}m_{001}^{(21)}m_{410}^{(11)}-8m_{000}^{(21)}m_{001}^{(20)}m_{001}^{(21)}m_{320}^{(10)}+4m_{000}^{(21)}m_{001}^{(20)}m_{001}^{(21)}m_{230}^{(00)}\\
&-2m_{000}^{(21)}(m_{001}^{(21)})^2m_{500}^{(11)}+4m_{000}^{(21)}(m_{001}^{(21)})^2m_{410}^{(10)}-2m_{000}^{(21)}(m_{001}^{(21)})^2m_{320}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(10)}m_{041}^{(22)}+2m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(10)}m_{032}^{(21)}-m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(10)}m_{023}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(11)}m_{131}^{(22)}-m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(11)}m_{122}^{(21)}-m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(11)}m_{032}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(11)}m_{023}^{(10)}+m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(20)}m_{050}^{(22)}-2m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(20)}m_{041}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(20)}m_{032}^{(11)}-m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)}m_{140}^{(22)}+m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)}m_{122}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)}m_{041}^{(20)}-2m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)}m_{032}^{(10)}+m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(22)}m_{140}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(22)}m_{131}^{(11)}-m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(22)}m_{050}^{(20)}+m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(22)}m_{041}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(00)}m_{041}^{(22)}-2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(00)}m_{032}^{(21)}+m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(00)}m_{023}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(10)}m_{131}^{(22)}+3m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(10)}m_{122}^{(21)}-2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(10)}m_{113}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(10)}m_{032}^{(20)}+m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(10)}m_{023}^{(10)}-2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(11)}m_{212}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(11)}m_{203}^{(11)}+2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(11)}m_{122}^{(20)}-m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(11)}m_{023}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(20)}m_{140}^{(22)}+m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(20)}m_{131}^{(21)}+m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(20)}m_{041}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(20)}m_{032}^{(10)}+m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{230}^{(22)}+m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{221}^{(21)}\\
&-3m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{131}^{(20)}-m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{122}^{(10)}+2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{032}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(22)}m_{230}^{(21)}+m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(22)}m_{140}^{(20)}+m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(22)}m_{131}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(22)}m_{041}^{(00)}-m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(00)}m_{050}^{(22)}+2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(00)}m_{041}^{(21)}
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&-m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(00)}m_{032}^{(11)}+2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(10)}m_{140}^{(22)}-5m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(10)}m_{131}^{(21)}\\
&+3m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(10)}m_{122}^{(11)}+m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(10)}m_{041}^{(20)}-m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(10)}m_{032}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(11)}m_{230}^{(22)}+3m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(11)}m_{221}^{(21)}-m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(11)}m_{212}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(11)}m_{131}^{(20)}-m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(11)}m_{122}^{(10)}+m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(11)}m_{032}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(20)}m_{140}^{(21)}-m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(20)}m_{131}^{(11)}-m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(20)}m_{050}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(20)}m_{041}^{(10)}-m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(21)}m_{230}^{(21)}-m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(21)}m_{221}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(21)}m_{140}^{(20)}+3m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(21)}m_{131}^{(10)}-2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(21)}m_{041}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(22)}m_{230}^{(11)}-2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(22)}m_{140}^{(10)}+m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(22)}m_{050}^{(00)}\\
&+2m_{000}^{(22)}(m_{100}^{(10)})^2m_{131}^{(22)}-4m_{000}^{(22)}(m_{100}^{(10)})^2m_{122}^{(21)}+2m_{000}^{(22)}(m_{100}^{(10)})^2m_{113}^{(11)}\\
&-3m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{221}^{(22)}+4m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{212}^{(21)}-m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{203}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{122}^{(20)}-2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{113}^{(10)}-2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(20)}m_{140}^{(22)}\\
&+4m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(20)}m_{131}^{(21)}-2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(20)}m_{122}^{(11)}+2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}m_{230}^{(22)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}m_{212}^{(11)}-4m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}m_{131}^{(20)}+4m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}m_{122}^{(10)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(22)}m_{230}^{(21)}+2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(22)}m_{221}^{(11)}+2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(22)}m_{140}^{(20)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(22)}m_{131}^{(10)}-m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(00)}m_{131}^{(22)}+m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(00)}m_{122}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(00)}m_{032}^{(20)}-m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(00)}m_{023}^{(10)}+m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}m_{311}^{(22)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}m_{302}^{(21)}-3m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}m_{212}^{(20)}-m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}m_{203}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}m_{113}^{(00)}+2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{230}^{(22)}-2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{221}^{(21)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{131}^{(20)}+2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{122}^{(10)}-2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{320}^{(22)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{311}^{(21)}+6m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{221}^{(20)}+2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{212}^{(10)}\\
&-4m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{122}^{(00)}+2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(22)}m_{320}^{(21)}-2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(22)}m_{230}^{(20)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(22)}m_{221}^{(10)}+2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(22)}m_{131}^{(00)}+2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(00)}m_{140}^{(22)}\\
&-3m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(00)}m_{131}^{(21)}+m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(00)}m_{122}^{(11)}-m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(00)}m_{041}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(00)}m_{032}^{(10)}-4m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)}m_{230}^{(22)}+8m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)}m_{221}^{(21)}\\
&-4m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)}m_{212}^{(11)}+2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{320}^{(22)}-5m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{311}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{302}^{(11)}+m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{221}^{(20)}+3m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{212}^{(10)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{122}^{(00)}-2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(20)}m_{230}^{(21)}+2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(20)}m_{221}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(20)}m_{140}^{(20)}-2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(20)}m_{131}^{(10)}+2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(21)}m_{320}^{(21)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(21)}m_{311}^{(11)}-2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(21)}m_{230}^{(20)}-6m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(21)}m_{221}^{(10)}\\
&+4m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(21)}m_{131}^{(00)}-2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(22)}m_{320}^{(11)}+4m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(22)}m_{230}^{(10)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(22)}m_{140}^{(00)}+m_{000}^{(22)}(m_{100}^{(11)})^2m_{311}^{(22)}-m_{000}^{(22)}(m_{100}^{(11)})^2m_{302}^{(21)}\\
&-m_{000}^{(22)}(m_{100}^{(11)})^2m_{212}^{(20)}+m_{000}^{(22)}(m_{100}^{(11)})^2m_{203}^{(10)}+m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{230}^{(22)}\\
&-2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{221}^{(21)}+m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{212}^{(11)}-m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(21)}m_{320}^{(22)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(21)}m_{302}^{(11)}+2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(21)}m_{221}^{(20)}-2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(21)}m_{212}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(22)}m_{320}^{(21)}-m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(22)}m_{311}^{(11)}-m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(22)}m_{230}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(22)}m_{221}^{(10)}+m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(10)}m_{311}^{(22)}-m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(10)}m_{302}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(10)}m_{212}^{(20)}+m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(10)}m_{203}^{(10)}-m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(11)}m_{401}^{(22)}\\
&+2m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(11)}m_{302}^{(20)}-m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(11)}m_{203}^{(00)}-m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)}m_{320}^{(22)}
\end{aligned}
$$

$$+m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)}m_{311}^{(21)}+m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)}m_{221}^{(20)}-m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)}m_{212}^{(10)}$$
$$+m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(21)}m_{410}^{(22)}+m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(21)}m_{401}^{(21)}-3m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(21)}m_{311}^{(20)}$$
$$-m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(21)}m_{302}^{(10)}+2m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(21)}m_{212}^{(00)}-m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(22)}m_{410}^{(21)}$$
$$+m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(22)}m_{320}^{(20)}+m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(22)}m_{311}^{(10)}-m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(22)}m_{221}^{(00)}$$
$$-m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(00)}m_{230}^{(22)}+m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(00)}m_{221}^{(21)}+m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(00)}m_{131}^{(20)}$$
$$-m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(00)}m_{122}^{(10)}+2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(10)}m_{320}^{(22)}-3m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(10)}m_{311}^{(21)}$$
$$+m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(10)}m_{302}^{(11)}-m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(10)}m_{221}^{(20)}+m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(10)}m_{212}^{(10)}$$
$$-m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(11)}m_{410}^{(22)}+2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(11)}m_{401}^{(21)}-2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(11)}m_{302}^{(10)}$$
$$+m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(11)}m_{212}^{(00)}+m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(20)}m_{320}^{(21)}-m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(20)}m_{311}^{(11)}$$
$$-m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(20)}m_{230}^{(20)}+m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(20)}m_{221}^{(10)}-m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(21)}m_{410}^{(21)}$$
$$-m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(21)}m_{401}^{(11)}+m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(21)}m_{320}^{(20)}+3m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(21)}m_{311}^{(10)}$$
$$-2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(21)}m_{221}^{(00)}+m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(22)}m_{410}^{(11)}-2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(22)}m_{320}^{(10)}$$
$$+m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(22)}m_{230}^{(00)}-m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(00)}m_{140}^{(22)}+3m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(00)}m_{131}^{(21)}$$
$$-2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(00)}m_{122}^{(11)}-m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(00)}m_{041}^{(20)}+m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(00)}m_{032}^{(10)}$$
$$+2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{230}^{(22)}-6m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{221}^{(21)}+4m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{212}^{(11)}$$
$$+2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{131}^{(20)}-2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{122}^{(10)}-m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{320}^{(22)}$$
$$+3m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{311}^{(21)}-2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{302}^{(11)}-m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{221}^{(20)}$$
$$+m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{212}^{(10)}-m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(00)}m_{140}^{(21)}+m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(00)}m_{131}^{(11)}$$
$$+m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(00)}m_{050}^{(20)}-m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(00)}m_{041}^{(10)}+2m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(10)}m_{230}^{(21)}$$
$$-2m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(10)}m_{221}^{(11)}-2m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(10)}m_{140}^{(20)}+2m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(10)}m_{131}^{(10)}$$
$$-m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(11)}m_{320}^{(21)}+m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(11)}m_{311}^{(11)}+m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(11)}m_{230}^{(20)}$$
$$-m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(11)}m_{221}^{(10)}+m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}m_{230}^{(22)}-m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}m_{221}^{(21)}$$
$$-m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}m_{131}^{(20)}+m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}m_{122}^{(10)}-2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{320}^{(22)}$$
$$+2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{311}^{(21)}+2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{221}^{(20)}-2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{212}^{(10)}$$
$$+m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)}m_{410}^{(22)}-m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)}m_{401}^{(21)}-m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)}m_{311}^{(20)}$$
$$+m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)}m_{302}^{(10)}+m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(00)}m_{230}^{(21)}-m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(00)}m_{221}^{(11)}$$
$$-m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(00)}m_{140}^{(20)}+m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(00)}m_{131}^{(10)}-2m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(10)}m_{320}^{(21)}$$
$$+2m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(10)}m_{311}^{(11)}+2m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(10)}m_{230}^{(20)}-2m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(10)}m_{221}^{(10)}$$
$$+m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(11)}m_{410}^{(21)}-m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(11)}m_{401}^{(11)}-m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(11)}m_{320}^{(20)}$$
$$+m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(11)}m_{311}^{(10)}-m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(00)}m_{230}^{(21)}+m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(00)}m_{221}^{(11)}$$
$$+m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(00)}m_{140}^{(20)}-m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(00)}m_{131}^{(10)}+2m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)}m_{320}^{(21)}$$
$$-2m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)}m_{311}^{(11)}-2m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)}m_{230}^{(20)}+2m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)}m_{221}^{(10)}$$
$$-m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(11)}m_{410}^{(21)}+m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(11)}m_{401}^{(11)}+m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(11)}m_{320}^{(20)}$$
$$-m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(11)}m_{311}^{(10)}-m_{000}^{(22)}(m_{010}^{(00)})^2m_{131}^{(22)}+m_{000}^{(22)}(m_{010}^{(00)})^2m_{122}^{(21)}$$
$$+m_{000}^{(22)}(m_{010}^{(00)})^2m_{032}^{(20)}-m_{000}^{(22)}(m_{010}^{(00)})^2m_{023}^{(10)}+3m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{221}^{(22)}$$
$$-2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{212}^{(21)}-4m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{122}^{(20)}+2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{113}^{(10)}$$
$$+m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{023}^{(00)}-m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{311}^{(22)}+m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{302}^{(21)}$$
$$+m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{212}^{(20)}-m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{203}^{(10)}+m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{230}^{(22)}$$

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\begin{aligned}
&-2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{221}^{(21)}+2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{122}^{(10)}-m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{032}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{320}^{(22)}+2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{221}^{(20)}-m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{122}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(22)}m_{320}^{(21)}-m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(22)}m_{230}^{(20)}-m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(22)}m_{221}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(22)}m_{131}^{(00)}+m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(00)}m_{140}^{(22)}-m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(00)}m_{122}^{(11)}\\
&-2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(00)}m_{041}^{(20)}+2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(00)}m_{032}^{(10)}-2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{230}^{(22)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{221}^{(21)}+3m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{131}^{(20)}-m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{122}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{032}^{(00)}+m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{320}^{(22)}-m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{311}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{221}^{(20)}+m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{212}^{(10)}-m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{230}^{(21)}\\
&+2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{221}^{(11)}+m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{140}^{(20)}-3m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{131}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{041}^{(00)}+m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{320}^{(21)}-m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{230}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{221}^{(10)}+m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{131}^{(00)}-m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(22)}m_{320}^{(11)}\\
&+2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(22)}m_{230}^{(10)}-m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(22)}m_{140}^{(00)}-2m_{000}^{(22)}(m_{010}^{(10)})^2m_{311}^{(22)}\\
&+4m_{000}^{(22)}(m_{010}^{(10)})^2m_{212}^{(20)}-2m_{000}^{(22)}(m_{010}^{(10)})^2m_{113}^{(00)}+m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(11)}m_{401}^{(22)}\\
&-2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(11)}m_{302}^{(20)}+m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(11)}m_{203}^{(00)}-2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{320}^{(22)}\\
&+4m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{311}^{(21)}-4m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{212}^{(10)}+2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{122}^{(00)}\\
&+2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{410}^{(22)}-4m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{311}^{(20)}+2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{212}^{(00)}\\
&-2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{410}^{(21)}+2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{320}^{(20)}+2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{311}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{221}^{(00)}-2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{230}^{(22)}-m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{221}^{(21)}\\
&+2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{212}^{(11)}+5m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{131}^{(20)}-3m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{122}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{032}^{(00)}+4m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{320}^{(22)}-8m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{221}^{(20)}\\
&+4m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{122}^{(00)}-2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{410}^{(22)}+m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{401}^{(21)}\\
&+3m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{311}^{(20)}-m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{302}^{(10)}-m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{212}^{(00)}\\
&+2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{320}^{(21)}-4m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{311}^{(11)}-2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{230}^{(20)}\\
&+6m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{221}^{(10)}-2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{131}^{(00)}-2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{410}^{(21)}\\
&+2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{320}^{(20)}+2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{311}^{(10)}-2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{221}^{(00)}\\
&+2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(22)}m_{410}^{(11)}-4m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(22)}m_{320}^{(10)}+2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(22)}m_{230}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{410}^{(22)}-2m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{401}^{(21)}+2m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{302}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{212}^{(00)}-m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(21)}m_{500}^{(22)}+2m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(21)}m_{401}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(21)}m_{302}^{(00)}+m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(22)}m_{500}^{(21)}-m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(22)}m_{410}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(22)}m_{401}^{(10)}+m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(22)}m_{311}^{(00)}+m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{320}^{(22)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{311}^{(21)}-m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{302}^{(11)}-3m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{221}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{212}^{(10)}+m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{122}^{(00)}-2m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{410}^{(22)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{401}^{(21)}+5m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{311}^{(20)}+m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{302}^{(10)}\\
&-3m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{212}^{(00)}+m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(11)}m_{500}^{(22)}-2m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(11)}m_{401}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(11)}m_{302}^{(00)}-m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{410}^{(21)}+2m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{401}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{320}^{(20)}-3m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{311}^{(10)}+m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{221}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(21)}m_{500}^{(21)}-m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(21)}m_{410}^{(20)}-m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(21)}m_{401}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(21)}m_{311}^{(00)}-m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(22)}m_{500}^{(11)}+2m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(22)}m_{410}^{(10)}
\end{aligned}
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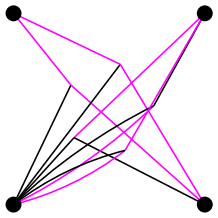
\begin{aligned}
&-m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(22)}m_{320}^{(00)} + m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(00)}m_{230}^{(21)} - m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(00)}m_{140}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(00)}m_{131}^{(10)} + m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(00)}m_{041}^{(00)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{320}^{(21)}\\
&+2m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{230}^{(20)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{221}^{(10)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{131}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{410}^{(21)} - m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{320}^{(20)} - m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{311}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{221}^{(00)} - m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{320}^{(21)} + m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{230}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{221}^{(10)} - m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{131}^{(00)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{410}^{(21)}\\
&-2m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{320}^{(20)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{311}^{(10)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{221}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(11)}m_{500}^{(21)} + m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(11)}m_{410}^{(20)} + m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(11)}m_{401}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(11)}m_{311}^{(00)} - m_{000}^{(22)}(m_{001}^{(00)})^2m_{140}^{(21)} + m_{000}^{(22)}(m_{001}^{(00)})^2m_{131}^{(11)}\\
&+m_{000}^{(22)}(m_{001}^{(00)})^2m_{050}^{(20)} - m_{000}^{(22)}(m_{001}^{(00)})^2m_{041}^{(10)} + 4m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{230}^{(21)}\\
&-3m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{221}^{(11)} - 4m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{140}^{(20)} + 2m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{131}^{(10)}\\
&+m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{041}^{(00)} - 2m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{320}^{(21)} + m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{311}^{(11)}\\
&+2m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{230}^{(20)} - m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{131}^{(00)} - m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(20)}m_{230}^{(11)}\\
&+2m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(20)}m_{140}^{(10)} - m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(20)}m_{050}^{(00)} + m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(21)}m_{320}^{(11)}\\
&-2m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(21)}m_{230}^{(10)} + m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(21)}m_{140}^{(00)} - 4m_{000}^{(22)}(m_{001}^{(10)})^2m_{320}^{(21)}\\
&+2m_{000}^{(22)}(m_{001}^{(10)})^2m_{311}^{(11)} + 4m_{000}^{(22)}(m_{001}^{(10)})^2m_{230}^{(20)} - 2m_{000}^{(22)}(m_{001}^{(10)})^2m_{131}^{(00)}\\
&+4m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{410}^{(21)} - m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{401}^{(11)} - 4m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{320}^{(20)}\\
&-2m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{311}^{(10)} + 3m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{221}^{(00)} + 2m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(20)}m_{320}^{(11)}\\
&-4m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(20)}m_{230}^{(10)} + 2m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(20)}m_{140}^{(00)} - 2m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(21)}m_{410}^{(11)}\\
&+4m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(21)}m_{320}^{(10)} - 2m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(21)}m_{230}^{(00)} - m_{000}^{(22)}(m_{001}^{(11)})^2m_{500}^{(21)}\\
&+m_{000}^{(22)}(m_{001}^{(11)})^2m_{410}^{(20)} + m_{000}^{(22)}(m_{001}^{(11)})^2m_{401}^{(10)} - m_{000}^{(22)}(m_{001}^{(11)})^2m_{311}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(11)}m_{001}^{(20)}m_{410}^{(11)} + 2m_{000}^{(22)}m_{001}^{(11)}m_{001}^{(20)}m_{320}^{(10)} - m_{000}^{(22)}m_{001}^{(11)}m_{001}^{(20)}m_{230}^{(00)}\\
&+m_{000}^{(22)}m_{001}^{(11)}m_{001}^{(21)}m_{500}^{(11)} - 2m_{000}^{(22)}m_{001}^{(11)}m_{001}^{(21)}m_{410}^{(10)} + m_{000}^{(22)}m_{001}^{(11)}m_{001}^{(21)}m_{320}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{rrrrr}
V1 & V1 & 1 & 1 & 1\\
1 & 1 & V2 & V2 & V3\\
V3 & 3 & V4 & V4 & 4
\end{array}
$$



$$
\begin{aligned}
T_{188} \;=\;& -m_{000}^{(00)} m_{100}^{(00)} m_{010}^{(11)} m_{023}^{(22)} + 2m_{000}^{(00)} m_{100}^{(00)} m_{010}^{(11)} m_{014}^{(21)} - m_{000}^{(00)} m_{100}^{(00)} m_{010}^{(11)} m_{005}^{(11)} \\
&+2m_{000}^{(00)} m_{100}^{(00)} m_{010}^{(21)} m_{032}^{(22)} - 4m_{000}^{(00)} m_{100}^{(00)} m_{010}^{(21)} m_{023}^{(21)} + 2m_{000}^{(00)} m_{100}^{(00)} m_{010}^{(21)} m_{014}^{(11)} \\
&-m_{000}^{(00)} m_{100}^{(00)} m_{010}^{(22)} m_{041}^{(22)} + 2m_{000}^{(00)} m_{100}^{(00)} m_{010}^{(22)} m_{032}^{(21)} - m_{000}^{(00)} m_{100}^{(00)} m_{010}^{(22)} m_{023}^{(11)} \\
&+m_{000}^{(00)} m_{100}^{(00)} m_{001}^{(11)} m_{032}^{(22)} - 2m_{000}^{(00)} m_{100}^{(00)} m_{001}^{(11)} m_{023}^{(21)} + m_{000}^{(00)} m_{100}^{(00)} m_{001}^{(11)} m_{014}^{(11)} \\
&-2m_{000}^{(00)} m_{100}^{(00)} m_{001}^{(21)} m_{041}^{(22)} + 4m_{000}^{(00)} m_{100}^{(00)} m_{001}^{(21)} m_{032}^{(21)} - 2m_{000}^{(00)} m_{100}^{(00)} m_{001}^{(21)} m_{023}^{(11)} \\
&+m_{000}^{(00)} m_{100}^{(00)} m_{001}^{(22)} m_{050}^{(22)} - 2m_{000}^{(00)} m_{100}^{(00)} m_{001}^{(22)} m_{041}^{(21)} + m_{000}^{(00)} m_{100}^{(00)} m_{001}^{(22)} m_{032}^{(11)} \\
&+2m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(11)} m_{113}^{(22)} - 2m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(11)} m_{104}^{(21)} - 2m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(11)} m_{014}^{(20)} \\
&+2m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(11)} m_{005}^{(10)} - 4m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(21)} m_{122}^{(22)} + 4m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(21)} m_{113}^{(21)} \\
&+4m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(21)} m_{023}^{(20)} - 4m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(21)} m_{014}^{(10)} + 2m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(22)} m_{131}^{(22)} \\
&-2m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(22)} m_{122}^{(21)} - 2m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(22)} m_{032}^{(20)} + 2m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(22)} m_{023}^{(10)} \\
&-2m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(11)} m_{122}^{(22)} + 2m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(11)} m_{113}^{(21)} + 2m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(11)} m_{023}^{(20)} \\
&-2m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(11)} m_{014}^{(10)} + 4m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(21)} m_{131}^{(22)} - 4m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(21)} m_{122}^{(21)} \\
&-4m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(21)} m_{032}^{(20)} + 4m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(21)} m_{023}^{(10)} - 2m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(22)} m_{140}^{(22)} \\
&+2m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(22)} m_{131}^{(21)} + 2m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(22)} m_{041}^{(20)} - 2m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(22)} m_{032}^{(10)} \\
&-m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(11)} m_{203}^{(22)} + 2m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(11)} m_{104}^{(20)} - m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(11)} m_{005}^{(00)} \\
&+2m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(21)} m_{212}^{(22)} - 4m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(21)} m_{113}^{(20)} + 2m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(21)} m_{014}^{(00)} \\
&-m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(22)} m_{221}^{(22)} + 2m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(22)} m_{122}^{(20)} - m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(22)} m_{023}^{(00)} \\
&+m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(11)} m_{212}^{(22)} - 2m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(11)} m_{113}^{(20)} + m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(11)} m_{014}^{(00)} \\
&-2m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(21)} m_{221}^{(22)} + 4m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(21)} m_{122}^{(20)} - 2m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(21)} m_{023}^{(00)} \\
&+m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(22)} m_{230}^{(22)} - 2m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(22)} m_{131}^{(20)} + m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(22)} m_{032}^{(00)} \\
&-2m_{000}^{(00)} m_{100}^{(20)} m_{010}^{(11)} m_{113}^{(21)} + 2m_{000}^{(00)} m_{100}^{(20)} m_{010}^{(11)} m_{104}^{(11)} + 2m_{000}^{(00)} m_{100}^{(20)} m_{010}^{(11)} m_{023}^{(20)} \\
&-2m_{000}^{(00)} m_{100}^{(20)} m_{010}^{(11)} m_{014}^{(10)} + 4m_{000}^{(00)} m_{100}^{(20)} m_{010}^{(21)} m_{122}^{(21)} - 4m_{000}^{(00)} m_{100}^{(20)} m_{010}^{(21)} m_{113}^{(11)} \\
&-4m_{000}^{(00)} m_{100}^{(20)} m_{010}^{(21)} m_{032}^{(20)} + 4m_{000}^{(00)} m_{100}^{(20)} m_{010}^{(21)} m_{023}^{(10)} - 2m_{000}^{(00)} m_{100}^{(20)} m_{010}^{(22)} m_{131}^{(21)} \\
&+2m_{000}^{(00)} m_{100}^{(20)} m_{010}^{(22)} m_{122}^{(11)} + 2m_{000}^{(00)} m_{100}^{(20)} m_{010}^{(22)} m_{041}^{(20)} - 2m_{000}^{(00)} m_{100}^{(20)} m_{010}^{(22)} m_{032}^{(10)} \\
&+2m_{000}^{(00)} m_{100}^{(20)} m_{001}^{(11)} m_{122}^{(21)} - 2m_{000}^{(00)} m_{100}^{(20)} m_{001}^{(11)} m_{113}^{(11)} - 2m_{000}^{(00)} m_{100}^{(20)} m_{001}^{(11)} m_{032}^{(20)} \\
&+2m_{000}^{(00)} m_{100}^{(20)} m_{001}^{(11)} m_{023}^{(10)} - 4m_{000}^{(00)} m_{100}^{(20)} m_{001}^{(21)} m_{131}^{(21)} + 4m_{000}^{(00)} m_{100}^{(20)} m_{001}^{(21)} m_{122}^{(11)} \\
&+4m_{000}^{(00)} m_{100}^{(20)} m_{001}^{(21)} m_{041}^{(20)} - 4m_{000}^{(00)} m_{100}^{(20)} m_{001}^{(21)} m_{032}^{(10)} + 2m_{000}^{(00)} m_{100}^{(20)} m_{001}^{(22)} m_{140}^{(21)} \\
&-2m_{000}^{(00)} m_{100}^{(20)} m_{001}^{(22)} m_{131}^{(11)} - 2m_{000}^{(00)} m_{100}^{(20)} m_{001}^{(22)} m_{050}^{(20)} + 2m_{000}^{(00)} m_{100}^{(20)} m_{001}^{(22)} m_{041}^{(10)} \\
&+2m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(11)} m_{203}^{(21)} - 2m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(11)} m_{113}^{(20)} - 2m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(11)} m_{104}^{(10)} \\
&+2m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(11)} m_{014}^{(00)} - 4m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(21)} m_{212}^{(21)} + 4m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(21)} m_{122}^{(20)} \\
&+4m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(21)} m_{113}^{(10)} - 4m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(21)} m_{023}^{(00)} + 2m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(22)} m_{221}^{(21)} \\
&-2m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(22)} m_{131}^{(20)} - 2m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(22)} m_{122}^{(10)} + 2m_{000}^{(00)} m_{100}^{(21)} m_{010}^{(22)} m_{032}^{(00)} \\
&-2m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(11)} m_{212}^{(21)} + 2m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(11)} m_{122}^{(20)} + 2m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(11)} m_{113}^{(10)} \\
&-2m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(11)} m_{023}^{(00)} + 4m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(21)} m_{221}^{(21)} - 4m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(21)} m_{131}^{(20)} \\
&-4m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(21)} m_{122}^{(10)} + 4m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(21)} m_{032}^{(00)} - 2m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(22)} m_{230}^{(21)} \\
&+2m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(22)} m_{140}^{(20)} + 2m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(22)} m_{131}^{(10)} - 2m_{000}^{(00)} m_{100}^{(21)} m_{001}^{(22)} m_{041}^{(00)} \\
&-m_{000}^{(00)} m_{100}^{(22)} m_{010}^{(11)} m_{203}^{(11)} + 2m_{000}^{(00)} m_{100}^{(22)} m_{010}^{(11)} m_{113}^{(10)} - m_{000}^{(00)} m_{100}^{(22)} m_{010}^{(11)} m_{023}^{(00)} \\
&+2m_{000}^{(00)} m_{100}^{(22)} m_{010}^{(21)} m_{212}^{(11)} - 4m_{000}^{(00)} m_{100}^{(22)} m_{010}^{(21)} m_{122}^{(10)} + 2m_{000}^{(00)} m_{100}^{(22)} m_{010}^{(21)} m_{032}^{(00)}
\end{aligned}
$$

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\begin{aligned}
&-m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(22)}m_{221}^{(11)}+2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(22)}m_{131}^{(10)}-m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(22)}m_{041}^{(00)}\\
&+m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(11)}m_{212}^{(11)}-2m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(11)}m_{122}^{(10)}+m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(11)}m_{032}^{(00)}\\
&-2m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(21)}m_{221}^{(11)}+4m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(21)}m_{131}^{(10)}-2m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(21)}m_{041}^{(00)}\\
&+m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(22)}m_{230}^{(11)}-2m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(22)}m_{140}^{(10)}+m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(22)}m_{050}^{(00)}\\
&+m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(10)}m_{023}^{(22)}-2m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(10)}m_{014}^{(21)}+m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(10)}m_{005}^{(11)}\\
&-m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(20)}m_{032}^{(22)}+2m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(20)}m_{023}^{(21)}-m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(20)}m_{014}^{(11)}\\
&-m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(21)}m_{122}^{(22)}+2m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(21)}m_{113}^{(21)}-m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(21)}m_{104}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(22)}m_{131}^{(22)}-2m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(22)}m_{122}^{(21)}+m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(22)}m_{113}^{(11)}\\
&-m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(10)}m_{032}^{(22)}+2m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(10)}m_{023}^{(21)}-m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(10)}m_{014}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(20)}m_{041}^{(22)}-2m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(20)}m_{032}^{(21)}+m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(20)}m_{023}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(21)}m_{131}^{(22)}-2m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(21)}m_{122}^{(21)}+m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(21)}m_{113}^{(11)}\\
&-m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(22)}m_{140}^{(22)}+2m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(22)}m_{131}^{(21)}-m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(22)}m_{122}^{(11)}\\
&-2m_{000}^{(00)}(m_{010}^{(10)})^2m_{113}^{(22)}+2m_{000}^{(00)}(m_{010}^{(10)})^2m_{104}^{(21)}+2m_{000}^{(00)}(m_{010}^{(10)})^2m_{014}^{(20)}\\
&-2m_{000}^{(00)}(m_{010}^{(10)})^2m_{005}^{(10)}+m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(11)}m_{203}^{(22)}-2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(11)}m_{104}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(11)}m_{005}^{(00)}+2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{122}^{(22)}-2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{104}^{(11)}\\
&-4m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{023}^{(20)}+4m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{014}^{(10)}+2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{212}^{(22)}\\
&-4m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{203}^{(21)}+4m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{104}^{(10)}-2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{014}^{(00)}\\
&-2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{221}^{(22)}+2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{212}^{(21)}+m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{203}^{(11)}\\
&+2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{122}^{(20)}-4m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{113}^{(10)}+m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{023}^{(00)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(00)}m_{032}^{(22)}+2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(00)}m_{023}^{(21)}-m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(00)}m_{014}^{(11)}\\
&+4m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{122}^{(22)}-4m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{113}^{(21)}-4m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{023}^{(20)}\\
&+4m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{014}^{(10)}-m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{212}^{(22)}+2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{113}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{014}^{(00)}-2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{131}^{(22)}+2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{113}^{(11)}\\
&+4m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{032}^{(20)}-4m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{023}^{(10)}-2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{221}^{(22)}\\
&+4m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{212}^{(21)}-4m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{113}^{(10)}+2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{023}^{(00)}\\
&+2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{230}^{(22)}-2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{221}^{(21)}-m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{212}^{(11)}\\
&-2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{131}^{(20)}+4m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{122}^{(10)}-m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{032}^{(00)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{212}^{(22)}+2m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{113}^{(20)}-m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{014}^{(00)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(21)}m_{302}^{(22)}+2m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(21)}m_{203}^{(20)}-m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(21)}m_{104}^{(00)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(22)}m_{311}^{(22)}-2m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(22)}m_{212}^{(20)}+m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(22)}m_{113}^{(00)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{122}^{(22)}-2m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{113}^{(21)}+m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{104}^{(11)}\\
&-3m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{212}^{(22)}+2m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{203}^{(21)}+4m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{113}^{(20)}\\
&-2m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{104}^{(10)}-m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{014}^{(00)}+m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(11)}m_{302}^{(22)}\\
&-2m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(11)}m_{203}^{(20)}+m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(11)}m_{104}^{(00)}+m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{221}^{(22)}\\
&+2m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{212}^{(21)}-2m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{203}^{(11)}-4m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{122}^{(20)}\\
&+2m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{113}^{(10)}+m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{023}^{(00)}+m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{311}^{(22)}\\
&-2m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{302}^{(21)}+2m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{203}^{(10)}-m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{113}^{(00)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(22)}m_{320}^{(22)}+m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(22)}m_{302}^{(11)}+2m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(22)}m_{221}^{(20)}
\end{aligned}
$$

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\begin{aligned}
&-2m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(22)}m_{212}^{(10)} - 2m_{000}^{(00)}(m_{010}^{(20)})^2m_{122}^{(21)} + 2m_{000}^{(00)}(m_{010}^{(20)})^2m_{113}^{(11)}\\
&+2m_{000}^{(00)}(m_{010}^{(20)})^2m_{032}^{(20)} - 2m_{000}^{(00)}(m_{010}^{(20)})^2m_{023}^{(10)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{203}^{(11)}\\
&-4m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{113}^{(10)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{023}^{(00)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{221}^{(21)}\\
&-3m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{212}^{(11)} - 2m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{131}^{(20)} + 4m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{122}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{032}^{(00)} + m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(00)}m_{041}^{(22)} - 2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(00)}m_{032}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(00)}m_{023}^{(11)} - 2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{131}^{(22)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{113}^{(11)}\\
&+4m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{032}^{(20)} - 4m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{023}^{(10)} + m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{221}^{(22)}\\
&-2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{122}^{(20)} + m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{023}^{(00)} + 4m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(20)}m_{131}^{(21)}\\
&-4m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(20)}m_{122}^{(11)} - 4m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(20)}m_{041}^{(20)} + 4m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(20)}m_{032}^{(10)}\\
&-2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{212}^{(11)} + 4m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{122}^{(10)} - 2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{032}^{(00)}\\
&-2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{230}^{(21)} + 3m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{221}^{(11)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{140}^{(20)}\\
&-4m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{131}^{(10)} + m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{041}^{(00)} + 2m_{000}^{(00)}(m_{010}^{(21)})^2m_{302}^{(21)}\\
&-2m_{000}^{(00)}(m_{010}^{(21)})^2m_{212}^{(20)} - 2m_{000}^{(00)}(m_{010}^{(21)})^2m_{203}^{(10)} + 2m_{000}^{(00)}(m_{010}^{(21)})^2m_{113}^{(00)}\\
&-2m_{000}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{311}^{(21)} - m_{000}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{302}^{(11)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{221}^{(20)}\\
&+4m_{000}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{212}^{(10)} - 3m_{000}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{122}^{(00)} - m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{131}^{(22)}\\
&+2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{122}^{(21)} - m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{113}^{(11)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{221}^{(22)}\\
&-4m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{122}^{(20)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{023}^{(00)} - m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{311}^{(22)}\\
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&+2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{212}^{(11)} + 4m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{131}^{(20)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{032}^{(00)}\\
&+2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{320}^{(21)} - m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{311}^{(11)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{230}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{131}^{(00)} + m_{000}^{(00)}(m_{010}^{(22)})^2m_{311}^{(11)} - 2m_{000}^{(00)}(m_{010}^{(22)})^2m_{221}^{(10)}\\
&+m_{000}^{(00)}(m_{010}^{(22)})^2m_{131}^{(00)} - m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{212}^{(11)} + 2m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{122}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{032}^{(00)} + m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{221}^{(11)} - 2m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{131}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{041}^{(00)} + m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(21)}m_{311}^{(11)} - 2m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(21)}m_{221}^{(10)}\\
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&+m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(21)}m_{122}^{(11)} - 2m_{000}^{(00)}(m_{001}^{(10)})^2m_{131}^{(22)} + 2m_{000}^{(00)}(m_{001}^{(10)})^2m_{122}^{(21)}\\
&+2m_{000}^{(00)}(m_{001}^{(10)})^2m_{032}^{(20)} - 2m_{000}^{(00)}(m_{001}^{(10)})^2m_{023}^{(10)} + 3m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{221}^{(22)}\\
&-2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{212}^{(21)} - 4m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{122}^{(20)} + 2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{113}^{(10)}\\
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&+4m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{131}^{(20)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{032}^{(00)} + m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{221}^{(11)}\\
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&-2m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{122}^{(10)} - m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{032}^{(00)} + m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{320}^{(22)}\\
&+2m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{311}^{(21)} - 4m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{221}^{(20)} - 2m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{212}^{(10)}\\
&+3m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{122}^{(00)} - m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{311}^{(11)} + 2m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{221}^{(10)}\\
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&+2m_{000}^{(00)}(m_{001}^{(20)})^2m_{050}^{(20)} - 2m_{000}^{(00)}(m_{001}^{(20)})^2m_{041}^{(10)} + 4m_{000}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{230}^{(21)}\\
&-2m_{000}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{221}^{(11)} - 4m_{000}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{140}^{(20)} + 2m_{000}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{041}^{(00)}\\
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&-2m_{000}^{(00)}(m_{001}^{(21)})^2m_{320}^{(21)} + 2m_{000}^{(00)}(m_{001}^{(21)})^2m_{230}^{(20)} + 2m_{000}^{(00)}(m_{001}^{(21)})^2m_{221}^{(10)}\\
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&+m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(10)}m_{005}^{(11)} - m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(20)}m_{032}^{(22)} + 2m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(20)}m_{023}^{(21)}\\
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&+m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(22)}m_{113}^{(11)} - m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(10)}m_{032}^{(22)} + 2m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(10)}m_{023}^{(21)}\\
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&+m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(20)}m_{023}^{(11)} + 3m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(21)}m_{131}^{(22)} - 6m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(21)}m_{122}^{(21)}\\
&+3m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(21)}m_{113}^{(11)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(22)}m_{140}^{(22)} + 4m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(22)}m_{131}^{(21)}\\
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&+2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(11)}m_{014}^{(20)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(11)}m_{005}^{(10)} + 4m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(21)}m_{122}^{(22)}\\
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&-m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(00)}m_{005}^{(11)} - m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(11)}m_{203}^{(22)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(11)}m_{104}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(11)}m_{005}^{(00)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(20)}m_{122}^{(22)} - 4m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(20)}m_{113}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(20)}m_{104}^{(11)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(21)}m_{212}^{(22)} - 4m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(21)}m_{113}^{(20)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(21)}m_{014}^{(00)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(22)}m_{221}^{(22)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(22)}m_{212}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(22)}m_{203}^{(11)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(22)}m_{122}^{(20)} - m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(22)}m_{023}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(00)}m_{032}^{(22)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(00)}m_{023}^{(21)} + m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(00)}m_{014}^{(11)}\\
&+3m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(11)}m_{212}^{(22)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(11)}m_{203}^{(21)} - 4m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(11)}m_{113}^{(20)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(11)}m_{104}^{(10)} + m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(11)}m_{014}^{(00)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(20)}m_{131}^{(22)}\\
&+4m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(20)}m_{122}^{(21)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(20)}m_{113}^{(11)} - 6m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{122}^{(22)}\\
&+4m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{212}^{(21)} + 8m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{122}^{(20)} - 4m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{113}^{(10)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{023}^{(00)} + 4m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(22)}m_{230}^{(22)} - 4m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(22)}m_{221}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(22)}m_{212}^{(11)} - 4m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(22)}m_{131}^{(20)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(22)}m_{122}^{(10)}
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&+m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(22)}m_{032}^{(00)}+m_{000}^{(10)}(m_{100}^{(11)})^2m_{203}^{(22)}-2m_{000}^{(10)}(m_{100}^{(11)})^2m_{104}^{(20)}\\
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&+m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(10)}m_{203}^{(22)}-2m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(10)}m_{104}^{(20)}+m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(10)}m_{005}^{(00)}\\
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&+4m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(21)}m_{032}^{(20)}-4m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(21)}m_{023}^{(10)}+2m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(22)}m_{131}^{(21)}\\
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&+2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(00)}m_{032}^{(21)}-m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(00)}m_{023}^{(11)}+2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(10)}m_{131}^{(22)}\\
&-4m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(10)}m_{122}^{(21)}+2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(10)}m_{113}^{(11)}-m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{221}^{(22)}\\
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&-2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{113}^{(10)}-m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{023}^{(00)}+8m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{221}^{(21)}\\
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&+2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{032}^{(00)}-4m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{230}^{(21)}+3m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{221}^{(11)}\\
&+4m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{140}^{(20)}-2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{131}^{(10)}-m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{041}^{(00)}\\
&+4m_{000}^{(10)}(m_{100}^{(21)})^2m_{212}^{(21)}-4m_{000}^{(10)}(m_{100}^{(21)})^2m_{122}^{(20)}-4m_{000}^{(10)}(m_{100}^{(21)})^2m_{113}^{(10)}\\
&+4m_{000}^{(10)}(m_{100}^{(21)})^2m_{023}^{(00)}-2m_{000}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{221}^{(21)}-2m_{000}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{212}^{(11)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{131}^{(20)}+6m_{000}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{122}^{(10)}-4m_{000}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{032}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(00)}m_{122}^{(22)}-2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(00)}m_{113}^{(21)}+m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(00)}m_{104}^{(11)}
\end{aligned}
$$

$$-2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{212}^{(22)}+4m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{113}^{(20)}-2m_{000}^{(10)}m_{100}^{(21)}m_{100}^{(10)}m_{014}^{(00)}$$
$$+m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(11)}m_{302}^{(22)}-2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(11)}m_{203}^{(20)}+m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(11)}m_{104}^{(00)}$$
$$+4m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{212}^{(21)}-2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{203}^{(11)}-4m_{000}^{(10)}m_{100}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{122}^{(20)}$$
$$+2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{023}^{(00)}-2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{311}^{(21)}+m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{302}^{(11)}$$
$$+2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{221}^{(20)}-m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{122}^{(00)}+m_{000}^{(10)}m_{100}^{(21)}m_{100}^{(00)}m_{001}^{(22)}m_{131}$$
$$-2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(00)}m_{122}^{(21)}+m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(00)}m_{113}^{(11)}-2m_{000}^{(10)}m_{100}^{(21)}m_{100}^{(10)}m_{001}^{(22)}m_{221}$$
$$+4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{212}^{(21)}-4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{113}^{(10)}+2m_{000}^{(10)}m_{100}^{(21)}m_{100}^{(10)}m_{001}^{(00)}m_{023}$$
$$+m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{311}^{(22)}+2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{302}^{(21)}-4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{212}^{(20)}$$
$$-2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{203}^{(10)}+3m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{113}^{(00)}-2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{212}^{(11)}$$
$$+4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{122}^{(10)}-2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{032}^{(00)}-8m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{311}^{(21)}$$
$$+8m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{221}^{(20)}+8m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{212}^{(10)}-8m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{122}^{(00)}$$
$$+4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{320}^{(21)}+m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{311}^{(11)}-4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{230}^{(20)}$$
$$-6m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{221}^{(10)}+5m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{131}^{(00)}+m_{000}^{(10)}(m_{100}^{(22)})^2m_{221}^{(11)}$$
$$-2m_{000}^{(10)}(m_{100}^{(22)})^2m_{131}^{(10)}+m_{000}^{(10)}(m_{100}^{(22)})^2m_{041}^{(00)}-m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(00)}m_{131}^{(22)}$$
$$+2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(00)}m_{122}^{(21)}-m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(00)}m_{113}^{(11)}+2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{221}^{(22)}$$
$$-2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{212}^{(21)}+m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{203}^{(11)}-2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{122}^{(20)}$$
$$+m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{023}^{(00)}-m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{311}^{(22)}+2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{212}^{(20)}$$
$$-m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{113}^{(00)}-2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{221}^{(21)}+m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{212}^{(11)}$$
$$+2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{131}^{(20)}-m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{032}^{(00)}+2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{311}^{(21)}$$
$$-m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{302}^{(11)}-2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{221}^{(20)}+m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{122}^{(00)}$$
$$-m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{212}^{(11)}+2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{122}^{(10)}-m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{032}^{(00)}$$
$$-m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{302}^{(11)}+2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{212}^{(10)}-m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{122}^{(00)}$$
$$+m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{221}^{(11)}-2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{131}^{(10)}+m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{041}^{(00)}$$
$$+3m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{311}^{(11)}-6m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{221}^{(10)}+3m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{131}^{(00)}$$
$$-2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(22)}m_{320}^{(11)}+4m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(22)}m_{230}^{(10)}-2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(22)}m_{140}^{(00)}$$
$$-m_{000}^{(10)}(m_{010}^{(00)})^2m_{023}^{(22)}+2m_{000}^{(10)}(m_{010}^{(00)})^2m_{014}^{(21)}-m_{000}^{(10)}(m_{010}^{(00)})^2m_{005}^{(11)}$$
$$+2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(10)}m_{113}^{(22)}-2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(10)}m_{104}^{(21)}-2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(10)}m_{014}^{(20)}$$
$$+2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(10)}m_{005}^{(10)}-m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(11)}m_{203}^{(22)}+2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(11)}m_{104}^{(20)}$$
$$-m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(11)}m_{005}^{(00)}+2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(20)}m_{122}^{(22)}-6m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(20)}m_{113}^{(21)}$$
$$+4m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(20)}m_{104}^{(11)}+2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(20)}m_{023}^{(20)}-2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(20)}m_{014}^{(10)}$$
$$+2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{203}^{(21)}-2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{113}^{(20)}-2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{104}^{(10)}$$
$$+2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{014}^{(00)}-m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{221}^{(22)}+2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{212}^{(21)}$$
$$-2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{203}^{(11)}+2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{113}^{(10)}-m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{023}^{(00)}$$
$$+2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(00)}m_{032}^{(22)}-4m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(00)}m_{023}^{(21)}+2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(00)}m_{014}^{(11)}$$
$$-m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(10)}m_{122}^{(22)}+m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(10)}m_{104}^{(11)}+2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(10)}m_{023}^{(20)}$$
$$-2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(10)}m_{014}^{(10)}+m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(11)}m_{212}^{(22)}-2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(11)}m_{113}^{(20)}$$
$$+m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(11)}m_{014}^{(00)}-3m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{131}^{(22)}+8m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{122}^{(21)}$$
$$-5m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{113}^{(11)}-2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{032}^{(20)}+2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{023}^{(10)}$$

$$
\begin{aligned}
&-m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{221}^{(22)} - m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{203}^{(11)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{122}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{113}^{(10)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{023}^{(00)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{230}^{(22)}\\
&-4m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{221}^{(21)} + 3m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{212}^{(11)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{122}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{032}^{(00)} - 4m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{212}^{(22)} + 4m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{203}^{(21)}\\
&+4m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{113}^{(20)} - 4m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{104}^{(10)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{311}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{302}^{(21)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{212}^{(20)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{203}^{(10)}\\
&-3m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{122}^{(22)} + 4m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{113}^{(21)} - m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{104}^{(11)}\\
&+2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{023}^{(20)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{014}^{(10)} - m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(11)}m_{302}^{(22)}\\
&+2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(11)}m_{203}^{(20)} - m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(11)}m_{104}^{(00)} + 6m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{221}^{(22)}\\
&-8m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{212}^{(21)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{203}^{(11)} - 4m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{122}^{(20)}\\
&+4m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{113}^{(10)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(21)}m_{311}^{(22)} - 4m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(21)}m_{212}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(21)}m_{113}^{(00)} - 4m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{320}^{(22)} + 4m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{311}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{302}^{(11)} + 4m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{221}^{(20)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{212}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{122}^{(00)} + 2m_{000}^{(10)}m_{010}^{(11)}m_{010}^{(20)}m_{302}^{(22)} - 4m_{000}^{(10)}m_{010}^{(11)}m_{010}^{(20)}m_{203}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(11)}m_{010}^{(20)}m_{104}^{(00)} - m_{000}^{(10)}m_{010}^{(11)}m_{010}^{(22)}m_{401}^{(22)} + 2m_{000}^{(10)}m_{010}^{(11)}m_{010}^{(22)}m_{302}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(11)}m_{010}^{(22)}m_{203}^{(00)} + m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{212}^{(22)} - 2m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{113}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{014}^{(00)} + m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(10)}m_{302}^{(22)} - 2m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(10)}m_{203}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(10)}m_{104}^{(00)} - 3m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{311}^{(22)} + 6m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{212}^{(20)}\\
&-3m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{113}^{(00)} - m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(21)}m_{401}^{(22)} + 2m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(21)}m_{302}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(21)}m_{203}^{(00)} + 2m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(22)}m_{410}^{(22)} - 4m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(22)}m_{311}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(22)}m_{212}^{(00)} + 4m_{000}^{(10)}(m_{010}^{(20)})^2m_{212}^{(21)} - 4m_{000}^{(10)}(m_{010}^{(20)})^2m_{203}^{(11)}\\
&-4m_{000}^{(10)}(m_{010}^{(20)})^2m_{122}^{(20)} + 4m_{000}^{(10)}(m_{010}^{(20)})^2m_{113}^{(10)} - 4m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{302}^{(21)}\\
&+4m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{212}^{(20)} + 4m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{203}^{(10)} - 4m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{113}^{(00)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{311}^{(21)} + 4m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{302}^{(11)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{221}^{(20)}\\
&-6m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{212}^{(10)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{122}^{(00)} - m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{131}^{(22)}\\
&+4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{122}^{(21)} - 3m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{113}^{(11)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{032}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{023}^{(10)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{221}^{(22)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{203}^{(11)}\\
&-4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{122}^{(20)} + 4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{113}^{(10)} - m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{311}^{(22)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{212}^{(20)} - m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{113}^{(00)} - 8m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{221}^{(21)}\\
&+8m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{212}^{(11)} + 8m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{131}^{(20)} - 8m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{122}^{(10)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{302}^{(11)} - 4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{212}^{(10)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{122}^{(00)}\\
&+4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{320}^{(21)} - 5m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{311}^{(11)} - 4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{230}^{(20)}\\
&+6m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{221}^{(10)} - m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{131}^{(00)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{401}^{(21)}\\
&-2m_{000}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{311}^{(20)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{302}^{(10)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{212}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{221}^{(22)} - 4m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{212}^{(21)} + m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{203}^{(11)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{122}^{(20)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{113}^{(10)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{023}^{(00)}\\
&-2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{311}^{(22)} + 4m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{212}^{(20)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{113}^{(00)}\\
&+m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(11)}m_{401}^{(22)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(11)}m_{302}^{(20)} + m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(11)}m_{203}^{(00)}
\end{aligned}
$$

$$+8m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{311}^{(21)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{302}^{(11)} - 8m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{221}^{(20)}$$
$$-4m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{212}^{(10)} + 6m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{122}^{(00)} - 4m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{410}^{(21)}$$
$$+m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{401}^{(11)} + 4m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{320}^{(20)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{311}^{(10)}$$
$$-3m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{221}^{(00)} - m_{000}^{(10)}(m_{010}^{(22)})^2m_{401}^{(11)} + 2m_{000}^{(10)}(m_{010}^{(22)})^2m_{311}^{(10)}$$
$$-m_{000}^{(10)}(m_{010}^{(22)})^2m_{221}^{(00)} + m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{212}^{(11)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{122}^{(10)}$$
$$+m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{032}^{(00)} + m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{302}^{(11)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{212}^{(10)}$$
$$+m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{122}^{(00)} - 3m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{311}^{(11)} + 6m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{221}^{(10)}$$
$$-3m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{131}^{(00)} - m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{401}^{(11)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{311}^{(10)}$$
$$-m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{221}^{(00)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(22)}m_{410}^{(11)} - 4m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(22)}m_{320}^{(10)}$$
$$+2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(22)}m_{230}^{(00)} - m_{000}^{(10)}(m_{001}^{(00)})^2m_{041}^{(22)} + 2m_{000}^{(10)}(m_{001}^{(00)})^2m_{032}^{(21)}$$
$$-m_{000}^{(10)}(m_{001}^{(00)})^2m_{023}^{(11)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(10)}m_{131}^{(22)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(10)}m_{122}^{(21)}$$
$$-2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(10)}m_{032}^{(20)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(10)}m_{023}^{(10)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{212}^{(21)}$$
$$+m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{203}^{(11)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{122}^{(20)} - m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{023}^{(00)}$$
$$+2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(20)}m_{140}^{(22)} - 6m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(20)}m_{131}^{(21)} + 4m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(20)}m_{122}^{(11)}$$
$$+2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(20)}m_{041}^{(20)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(20)}m_{032}^{(10)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{230}^{(22)}$$
$$+6m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{221}^{(21)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{212}^{(11)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{131}^{(20)}$$
$$-2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{122}^{(10)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{032}^{(00)} - m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{221}^{(11)}$$
$$+2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{131}^{(10)} - m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{041}^{(00)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(11)}m_{311}^{(22)}$$
$$+2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(11)}m_{302}^{(21)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(11)}m_{212}^{(20)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(11)}m_{203}^{(10)}$$
$$-4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{230}^{(22)} + 4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{221}^{(21)} + 4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{131}^{(20)}$$
$$-4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{122}^{(10)} + 4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{320}^{(22)} - 4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{311}^{(21)}$$
$$-4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{221}^{(20)} + 4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{212}^{(10)} + m_{000}^{(10)}(m_{001}^{(11)})^2m_{401}^{(22)}$$
$$-2m_{000}^{(10)}(m_{001}^{(11)})^2m_{302}^{(20)} + m_{000}^{(10)}(m_{001}^{(11)})^2m_{203}^{(00)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{320}^{(22)}$$
$$+2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{311}^{(21)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{302}^{(11)} - 6m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{221}^{(20)}$$
$$+2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{212}^{(10)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{122}^{(00)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{410}^{(22)}$$
$$-2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{401}^{(21)} + 6m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{311}^{(20)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{302}^{(10)}$$
$$-4m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{212}^{(00)} + m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{401}^{(11)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{311}^{(10)}$$
$$+m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{221}^{(00)} + 4m_{000}^{(10)}(m_{001}^{(20)})^2m_{230}^{(21)} - 4m_{000}^{(10)}(m_{001}^{(20)})^2m_{221}^{(11)}$$
$$-4m_{000}^{(10)}(m_{001}^{(20)})^2m_{140}^{(20)} + 4m_{000}^{(10)}(m_{001}^{(20)})^2m_{131}^{(10)} - 8m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{320}^{(21)}$$
$$+4m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{311}^{(11)} + 8m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{230}^{(20)} - 4m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{131}^{(00)}$$
$$+2m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(22)}m_{320}^{(11)} - 4m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(22)}m_{230}^{(10)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(22)}m_{140}^{(00)}$$
$$+4m_{000}^{(10)}(m_{001}^{(21)})^2m_{410}^{(21)} - 4m_{000}^{(10)}(m_{001}^{(21)})^2m_{320}^{(20)} - 4m_{000}^{(10)}(m_{001}^{(21)})^2m_{311}^{(10)}$$
$$+4m_{000}^{(10)}(m_{001}^{(21)})^2m_{221}^{(00)} - 2m_{000}^{(10)}m_{001}^{(21)}m_{001}^{(22)}m_{410}^{(11)} + 4m_{000}^{(10)}m_{001}^{(21)}m_{001}^{(22)}m_{320}^{(10)}$$
$$-2m_{000}^{(10)}m_{001}^{(21)}m_{001}^{(22)}m_{230}^{(00)} - m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(10)}m_{023}^{(22)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(10)}m_{014}^{(21)}$$
$$-m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(10)}m_{005}^{(11)} + m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(20)}m_{032}^{(22)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(20)}m_{023}^{(21)}$$
$$+m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(20)}m_{014}^{(11)} + m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(21)}m_{122}^{(22)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(21)}m_{113}^{(21)}$$
$$+m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(21)}m_{104}^{(11)} - m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(22)}m_{131}^{(22)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(22)}m_{122}^{(21)}$$
$$-m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(22)}m_{113}^{(11)} + m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(00)}m_{023}^{(22)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(00)}m_{014}^{(21)}$$

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&+m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(00)}m_{005}^{(11)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(10)}m_{113}^{(22)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(10)}m_{104}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(10)}m_{014}^{(20)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(10)}m_{005}^{(10)} + m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(11)}m_{203}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(11)}m_{104}^{(20)} + m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(11)}m_{005}^{(00)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(20)}m_{113}^{(21)}\\
&-2m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(20)}m_{104}^{(11)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(20)}m_{023}^{(20)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(20)}m_{014}^{(10)}\\
&-2m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(21)}m_{203}^{(21)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(21)}m_{113}^{(20)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(21)}m_{104}^{(10)}\\
&-2m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(21)}m_{014}^{(00)} + m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(22)}m_{203}^{(11)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(22)}m_{113}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(22)}m_{023}^{(00)} - m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(00)}m_{032}^{(22)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(00)}m_{023}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(00)}m_{014}^{(11)} + 3m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(10)}m_{122}^{(22)} - 4m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(10)}m_{113}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(10)}m_{104}^{(11)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(10)}m_{023}^{(20)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(10)}m_{014}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(11)}m_{212}^{(22)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(11)}m_{113}^{(20)} - m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(11)}m_{014}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(20)}m_{131}^{(22)} + m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(20)}m_{113}^{(11)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(20)}m_{032}^{(20)}\\
&-2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(20)}m_{023}^{(10)} - m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(21)}m_{221}^{(22)} + 4m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(21)}m_{212}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(21)}m_{203}^{(11)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(21)}m_{122}^{(20)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(21)}m_{113}^{(10)}\\
&+2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(21)}m_{023}^{(00)} + m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(22)}m_{230}^{(22)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(22)}m_{221}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(22)}m_{122}^{(10)} - m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(22)}m_{032}^{(00)} + 2m_{000}^{(11)}(m_{100}^{(10)})^2m_{113}^{(22)}\\
&-2m_{000}^{(11)}(m_{100}^{(10)})^2m_{104}^{(21)} - 2m_{000}^{(11)}(m_{100}^{(10)})^2m_{014}^{(20)} + 2m_{000}^{(11)}(m_{100}^{(10)})^2m_{005}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(11)}m_{203}^{(22)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(11)}m_{104}^{(20)} - m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(11)}m_{005}^{(00)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(20)}m_{122}^{(22)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(20)}m_{104}^{(11)} + 4m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(20)}m_{023}^{(20)}\\
&-4m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(20)}m_{014}^{(10)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(21)}m_{212}^{(22)} + 4m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(21)}m_{203}^{(21)}\\
&-4m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(21)}m_{104}^{(10)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(21)}m_{014}^{(00)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{221}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{212}^{(21)} - m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{203}^{(11)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{122}^{(20)}\\
&+4m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{113}^{(10)} - m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{023}^{(00)} + m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(00)}m_{122}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(00)}m_{113}^{(21)} + m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(00)}m_{104}^{(11)} - 4m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(10)}m_{212}^{(22)}\\
&+4m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(10)}m_{203}^{(21)} + 4m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(10)}m_{113}^{(20)} - 4m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(10)}m_{104}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(11)}m_{302}^{(22)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(11)}m_{203}^{(20)} + m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(11)}m_{104}^{(00)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{221}^{(22)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{203}^{(11)} - 4m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{122}^{(20)}\\
&+4m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{113}^{(10)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(21)}m_{311}^{(22)} - 4m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(21)}m_{302}^{(21)}\\
&+4m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(21)}m_{203}^{(10)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(21)}m_{113}^{(00)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(22)}m_{320}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(22)}m_{311}^{(21)} + m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(22)}m_{302}^{(11)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(22)}m_{221}^{(20)}\\
&-4m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(22)}m_{212}^{(10)} + m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(22)}m_{122}^{(00)} + m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(20)}m_{212}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(20)}m_{113}^{(20)} + m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(20)}m_{014}^{(00)} + m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(21)}m_{302}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(21)}m_{203}^{(20)} + m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(21)}m_{104}^{(00)} - m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(22)}m_{311}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(22)}m_{212}^{(20)} - m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(22)}m_{113}^{(00)} + m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(10)}m_{302}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(10)}m_{203}^{(20)} + m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(10)}m_{104}^{(00)} - m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(20)}m_{311}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(20)}m_{212}^{(20)} - m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(20)}m_{113}^{(00)} - m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(21)}m_{401}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(21)}m_{302}^{(20)} - m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(21)}m_{203}^{(00)} + m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(22)}m_{410}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(22)}m_{311}^{(20)} + m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(22)}m_{212}^{(00)} + 2m_{000}^{(11)}(m_{100}^{(20)})^2m_{122}^{(21)}\\
&-2m_{000}^{(11)}(m_{100}^{(20)})^2m_{113}^{(11)} - 2m_{000}^{(11)}(m_{100}^{(20)})^2m_{032}^{(20)} + 2m_{000}^{(11)}(m_{100}^{(20)})^2m_{023}^{(10)}
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&-2m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{203}^{(11)} + 4m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{113}^{(10)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{023}^{(00)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{221}^{(21)} + 3m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{212}^{(11)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{131}^{(20)}\\
&-4m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{122}^{(10)} + m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{032}^{(00)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(00)}m_{122}^{(22)}\\
&+4m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(00)}m_{113}^{(21)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(00)}m_{104}^{(11)} + 4m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{212}^{(22)}\\
&-4m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{203}^{(21)} - 4m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{113}^{(20)} + 4m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{104}^{(10)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(11)}m_{302}^{(22)} + 4m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(11)}m_{203}^{(20)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(11)}m_{104}^{(00)}\\
&-4m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{212}^{(21)} + 4m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{203}^{(11)} + 4m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{122}^{(20)}\\
&-4m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{113}^{(10)} + 4m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{302}^{(21)} - 4m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{212}^{(20)}\\
&-4m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{203}^{(10)} + 4m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{113}^{(00)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{302}^{(11)}\\
&+4m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{212}^{(10)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{122}^{(00)} + m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(00)}m_{131}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(00)}m_{122}^{(21)} + m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(00)}m_{113}^{(11)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{221}^{(22)}\\
&+4m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{212}^{(21)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{203}^{(11)} + m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{311}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{212}^{(20)} + m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{113}^{(00)} - 4m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{311}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{302}^{(11)} + 4m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{221}^{(20)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{122}^{(00)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{320}^{(21)} - m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{311}^{(11)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{230}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{131}^{(00)} - 2m_{000}^{(11)}(m_{100}^{(21)})^2m_{302}^{(21)} + 2m_{000}^{(11)}(m_{100}^{(21)})^2m_{212}^{(20)}\\
&+2m_{000}^{(11)}(m_{100}^{(21)})^2m_{203}^{(10)} - 2m_{000}^{(11)}(m_{100}^{(21)})^2m_{113}^{(00)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{311}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{302}^{(11)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{221}^{(20)} - 4m_{000}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{212}^{(10)}\\
&+3m_{000}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{122}^{(00)} - m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{221}^{(22)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{212}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{203}^{(11)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{311}^{(22)} - 4m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{302}^{(21)}\\
&+4m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{203}^{(10)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{113}^{(00)} - m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(11)}m_{401}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(11)}m_{302}^{(20)} - m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(11)}m_{203}^{(00)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{302}^{(11)}\\
&-4m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{212}^{(10)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{122}^{(00)} + 4m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(21)}m_{401}^{(21)}\\
&-4m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(21)}m_{311}^{(20)} - 4m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(21)}m_{302}^{(10)} + 4m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(21)}m_{212}^{(00)}\\
&-2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{410}^{(21)} - m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{401}^{(11)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{320}^{(20)}\\
&+4m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{311}^{(10)} - 3m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{221}^{(00)} - m_{000}^{(11)}(m_{100}^{(22)})^2m_{311}^{(11)}\\
&+2m_{000}^{(11)}(m_{100}^{(22)})^2m_{221}^{(10)} - m_{000}^{(11)}(m_{100}^{(22)})^2m_{131}^{(00)} + m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{221}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{212}^{(21)} + m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{203}^{(11)} - 2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{311}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{302}^{(21)} + 2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{212}^{(20)} - 2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{203}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(11)}m_{401}^{(22)} - 2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(11)}m_{302}^{(20)} + m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(11)}m_{203}^{(00)}\\
&+2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{311}^{(21)} - 2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{302}^{(11)} - 2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{221}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{212}^{(10)} - 2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{401}^{(21)} + 2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{311}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{302}^{(10)} - 2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{212}^{(00)} + m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(22)}m_{401}^{(11)}\\
&-2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(22)}m_{311}^{(10)} + m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(22)}m_{221}^{(00)} + m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(10)}m_{302}^{(11)}\\
&-2m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(10)}m_{212}^{(10)} + m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(10)}m_{122}^{(00)} - m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(20)}m_{311}^{(11)}\\
&+2m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(20)}m_{221}^{(10)} - m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(20)}m_{131}^{(00)} - m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(21)}m_{401}^{(11)}\\
&+2m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(21)}m_{311}^{(10)} - m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(21)}m_{221}^{(00)} + m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(22)}m_{410}^{(11)}\\
&-2m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(22)}m_{320}^{(10)} + m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(22)}m_{230}^{(00)} - m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(22)}m_{122}^{(22)}
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&+2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(00)}m_{113}^{(21)} - m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(00)}m_{104}^{(11)} + 2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{221}^{(22)}\\
&-4m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{212}^{(21)} + 2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{203}^{(11)} - m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(22)}m_{320}^{(22)}\\
&+2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(22)}m_{311}^{(21)} - m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(22)}m_{302}^{(11)} + 2m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{212}^{(22)}\\
&-2m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{203}^{(21)} - 2m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{113}^{(20)} + 2m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{104}^{(10)}\\
&-4m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{311}^{(22)} + 4m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{302}^{(21)} + 4m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{212}^{(20)}\\
&-4m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{203}^{(10)} + 2m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(22)}m_{410}^{(22)} - 2m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(22)}m_{401}^{(21)}\\
&-2m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(22)}m_{311}^{(20)} + 2m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(22)}m_{302}^{(10)} - m_{000}^{(11)}m_{010}^{(11)}m_{001}^{(00)}m_{302}^{(22)}\\
&+2m_{000}^{(11)}m_{010}^{(11)}m_{001}^{(00)}m_{203}^{(20)} - m_{000}^{(11)}m_{010}^{(11)}m_{001}^{(00)}m_{104}^{(00)} + 2m_{000}^{(11)}m_{010}^{(11)}m_{001}^{(20)}m_{401}^{(22)}\\
&-4m_{000}^{(11)}m_{010}^{(11)}m_{001}^{(20)}m_{302}^{(20)} + 2m_{000}^{(11)}m_{010}^{(11)}m_{001}^{(20)}m_{203}^{(00)} - m_{000}^{(11)}m_{010}^{(11)}m_{001}^{(22)}m_{500}^{(22)}\\
&+2m_{000}^{(11)}m_{010}^{(11)}m_{001}^{(22)}m_{401}^{(20)} - m_{000}^{(11)}m_{010}^{(11)}m_{001}^{(22)}m_{302}^{(00)} - 2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{212}^{(21)}\\
&+2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{203}^{(11)} + 2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{122}^{(20)} - 2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{113}^{(10)}\\
&+4m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{311}^{(21)} - 4m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{302}^{(11)} - 4m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{221}^{(20)}\\
&+4m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{212}^{(10)} - 2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{410}^{(21)} + 2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{401}^{(11)}\\
&+2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{320}^{(20)} - 2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{311}^{(10)} + 2m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{302}^{(21)}\\
&-2m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{212}^{(20)} - 2m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{203}^{(10)} + 2m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{113}^{(00)}\\
&-4m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{401}^{(21)} + 4m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{311}^{(20)} + 4m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{302}^{(10)}\\
&-4m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{212}^{(00)} + 2m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(22)}m_{500}^{(21)} - 2m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(22)}m_{410}^{(20)}\\
&-2m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(22)}m_{401}^{(10)} + 2m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(22)}m_{311}^{(00)} - m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{302}^{(11)}\\
&+2m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{212}^{(10)} - m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{122}^{(00)} + 2m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{401}^{(11)}\\
&-4m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{311}^{(10)} + 2m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{221}^{(00)} - m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(22)}m_{500}^{(11)}\\
&+2m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(22)}m_{410}^{(10)} - m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(22)}m_{320}^{(00)} + m_{000}^{(11)}(m_{001}^{(00)})^2m_{131}^{(22)}\\
&-2m_{000}^{(11)}(m_{001}^{(00)})^2m_{122}^{(21)} + m_{000}^{(11)}(m_{001}^{(00)})^2m_{113}^{(11)} - 3m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{221}^{(22)}\\
&+4m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{212}^{(21)} - m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{203}^{(11)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{122}^{(20)}\\
&-2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{113}^{(10)} + m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{311}^{(22)} - 2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{212}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{113}^{(00)} - m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{230}^{(22)} + 4m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{221}^{(21)}\\
&-3m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{212}^{(11)} - 2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{131}^{(20)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{122}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{320}^{(22)} - 4m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{311}^{(21)} + m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{302}^{(11)}\\
&+2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{221}^{(20)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{212}^{(10)} - 2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{122}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{311}^{(11)} - 2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{221}^{(10)} + m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{131}^{(00)}\\
&+2m_{000}^{(11)}(m_{001}^{(10)})^2m_{311}^{(22)} - 2m_{000}^{(11)}(m_{001}^{(10)})^2m_{302}^{(21)} - 2m_{000}^{(11)}(m_{001}^{(10)})^2m_{212}^{(20)}\\
&+2m_{000}^{(11)}(m_{001}^{(10)})^2m_{203}^{(10)} - m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(11)}m_{401}^{(22)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(11)}m_{302}^{(20)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(11)}m_{203}^{(00)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{320}^{(22)} - 4m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{311}^{(21)}\\
&+2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{302}^{(11)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{410}^{(22)} + 4m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{401}^{(21)}\\
&-4m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{302}^{(10)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{212}^{(00)} - m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{401}^{(11)}\\
&+2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{311}^{(10)} - m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{221}^{(00)} - m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{410}^{(22)}\\
&+2m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{311}^{(20)} - m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{212}^{(00)} + m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(21)}m_{500}^{(22)}\\
&-2m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(21)}m_{401}^{(20)} + m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(21)}m_{302}^{(00)} - 2m_{000}^{(11)}(m_{001}^{(20)})^2m_{320}^{(21)}\\
&+2m_{000}^{(11)}(m_{001}^{(20)})^2m_{311}^{(11)} + 2m_{000}^{(11)}(m_{001}^{(20)})^2m_{230}^{(20)} - 2m_{000}^{(11)}(m_{001}^{(20)})^2m_{221}^{(10)}
\end{aligned}
$$

$$+4m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{410}^{(21)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{401}^{(11)} - 4m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{320}^{(20)}$$
$$+2m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{221}^{(00)} - m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(22)}m_{410}^{(11)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(22)}m_{320}^{(10)}$$
$$-m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(22)}m_{230}^{(00)} - 2m_{000}^{(11)}(m_{001}^{(21)})^2m_{500}^{(21)} + 2m_{000}^{(11)}(m_{001}^{(21)})^2m_{410}^{(20)}$$
$$+2m_{000}^{(11)}(m_{001}^{(21)})^2m_{401}^{(10)} - 2m_{000}^{(11)}(m_{001}^{(21)})^2m_{311}^{(00)} + m_{000}^{(11)}m_{001}^{(21)}m_{001}^{(22)}m_{500}^{(11)}$$
$$-2m_{000}^{(11)}m_{001}^{(21)}m_{001}^{(22)}m_{410}^{(10)} + m_{000}^{(11)}m_{001}^{(21)}m_{001}^{(22)}m_{320}^{(00)} - m_{000}^{(20)}m_{100}^{(00)}m_{100}^{(11)}m_{032}^{(22)}$$
$$+2m_{000}^{(20)}m_{100}^{(00)}m_{100}^{(11)}m_{023}^{(21)} - m_{000}^{(20)}m_{100}^{(00)}m_{100}^{(11)}m_{014}^{(11)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{100}^{(21)}m_{041}^{(22)}$$
$$-4m_{000}^{(20)}m_{100}^{(00)}m_{100}^{(21)}m_{032}^{(21)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{100}^{(21)}m_{023}^{(11)} - m_{000}^{(20)}m_{100}^{(00)}m_{100}^{(22)}m_{050}^{(22)}$$
$$+2m_{000}^{(20)}m_{100}^{(00)}m_{100}^{(22)}m_{041}^{(21)} - m_{000}^{(20)}m_{100}^{(00)}m_{100}^{(22)}m_{032}^{(11)} - m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(10)}m_{032}^{(22)}$$
$$+2m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(10)}m_{023}^{(21)} - m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(10)}m_{014}^{(11)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(11)}m_{122}^{(22)}$$
$$-4m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(11)}m_{113}^{(21)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(11)}m_{104}^{(11)} + m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(20)}m_{041}^{(22)}$$
$$-2m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(20)}m_{032}^{(21)} + m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(20)}m_{023}^{(11)} - 3m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(21)}m_{131}^{(22)}$$
$$+6m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(21)}m_{122}^{(21)} - 3m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(21)}m_{113}^{(11)} + m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(22)}m_{140}^{(22)}$$
$$-2m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(22)}m_{131}^{(21)} + m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(22)}m_{122}^{(11)} + m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(10)}m_{041}^{(22)}$$
$$-2m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(10)}m_{032}^{(21)} + m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(10)}m_{023}^{(11)} - m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(11)}m_{131}^{(22)}$$
$$+2m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(11)}m_{122}^{(21)} - m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(11)}m_{113}^{(11)} - m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(20)}m_{050}^{(22)}$$
$$+2m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(20)}m_{041}^{(21)} - m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(20)}m_{032}^{(11)} + m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(21)}m_{140}^{(22)}$$
$$-2m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(21)}m_{131}^{(21)} + m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(21)}m_{122}^{(11)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(11)}m_{122}^{(22)}$$
$$-2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(11)}m_{113}^{(21)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(11)}m_{023}^{(20)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(11)}m_{014}^{(10)}$$
$$-4m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(21)}m_{131}^{(22)} + 4m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(21)}m_{122}^{(21)} + 4m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(21)}m_{032}^{(20)}$$
$$-4m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(21)}m_{023}^{(10)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(22)}m_{140}^{(22)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(22)}m_{131}^{(21)}$$
$$-2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(22)}m_{041}^{(20)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(22)}m_{032}^{(10)} + m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(00)}m_{032}^{(22)}$$
$$-2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(00)}m_{023}^{(21)} + m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(00)}m_{014}^{(11)} - 3m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(11)}m_{212}^{(22)}$$
$$+4m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(11)}m_{203}^{(21)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(11)}m_{113}^{(20)} - 4m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(11)}m_{104}^{(10)}$$
$$+m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(11)}m_{014}^{(00)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(20)}m_{131}^{(22)} + 4m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(20)}m_{122}^{(21)}$$
$$-2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(20)}m_{113}^{(11)} + 6m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{221}^{(22)} - 8m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{212}^{(21)}$$
$$-4m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{122}^{(20)} + 8m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{113}^{(10)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{023}^{(00)}$$
$$-2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(22)}m_{230}^{(22)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(22)}m_{221}^{(21)} + m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(22)}m_{212}^{(11)}$$
$$+2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(22)}m_{131}^{(20)} - 4m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(22)}m_{122}^{(10)} + m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(22)}m_{032}^{(00)}$$
$$-m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(00)}m_{041}^{(22)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(00)}m_{032}^{(21)} - m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(00)}m_{023}^{(11)}$$
$$+m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(11)}m_{221}^{(22)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(11)}m_{212}^{(21)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(11)}m_{113}^{(10)}$$
$$-m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(11)}m_{023}^{(00)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(20)}m_{140}^{(22)} - 4m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(20)}m_{131}^{(21)}$$
$$+2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(20)}m_{122}^{(11)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(21)}m_{230}^{(22)} + 4m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(21)}m_{221}^{(21)}$$
$$-4m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(21)}m_{122}^{(10)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(21)}m_{032}^{(00)} - m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(22)}m_{221}^{(11)}$$
$$+2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(22)}m_{131}^{(10)} - m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(22)}m_{041}^{(00)} - m_{000}^{(20)}(m_{100}^{(11)})^2m_{212}^{(22)}$$
$$+2m_{000}^{(20)}(m_{100}^{(11)})^2m_{113}^{(20)} - m_{000}^{(20)}(m_{100}^{(11)})^2m_{014}^{(00)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(20)}m_{122}^{(21)}$$
$$+2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(20)}m_{113}^{(11)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(20)}m_{032}^{(20)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(20)}m_{023}^{(10)}$$
$$+2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(21)}m_{221}^{(22)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(21)}m_{212}^{(21)} - 6m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(21)}m_{122}^{(20)}$$
$$-2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(21)}m_{113}^{(10)} + 4m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(21)}m_{023}^{(00)} - m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(22)}m_{230}^{(22)}$$

$$
\begin{aligned}
&-m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(22)}m_{212}^{(11)}+2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(22)}m_{131}^{(20)}+2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(22)}m_{122}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(22)}m_{032}^{(00)}-m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(10)}m_{212}^{(22)}+2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(10)}m_{113}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(10)}m_{014}^{(00)}+2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(11)}m_{302}^{(22)}-4m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(11)}m_{203}^{(20)}\\
&+2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(11)}m_{104}^{(00)}+m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(20)}m_{221}^{(22)}-2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(20)}m_{122}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(20)}m_{023}^{(00)}-3m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(21)}m_{311}^{(22)}+6m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(21)}m_{212}^{(20)}\\
&-3m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(21)}m_{113}^{(00)}+m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(22)}m_{320}^{(22)}-2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(22)}m_{221}^{(20)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(22)}m_{122}^{(00)}+m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(00)}m_{131}^{(22)}-2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(00)}m_{122}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(00)}m_{113}^{(11)}-m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(10)}m_{221}^{(22)}+2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(10)}m_{212}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(10)}m_{113}^{(10)}+m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(10)}m_{023}^{(00)}-m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(20)}m_{230}^{(22)}\\
&+2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(20)}m_{221}^{(21)}-2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(20)}m_{212}^{(11)}+2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(20)}m_{122}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(20)}m_{032}^{(00)}+m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(21)}m_{320}^{(22)}-2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(21)}m_{311}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(21)}m_{212}^{(10)}-m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(21)}m_{122}^{(00)}+m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(22)}m_{311}^{(11)}\\
&-2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(22)}m_{221}^{(10)}+m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(22)}m_{131}^{(00)}+4m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(21)}m_{131}^{(21)}\\
&-4m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(21)}m_{122}^{(11)}-4m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(21)}m_{041}^{(20)}+4m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(21)}m_{032}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(22)}m_{140}^{(21)}+2m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(22)}m_{131}^{(11)}+2m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(22)}m_{050}^{(20)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(22)}m_{041}^{(10)}-m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(00)}m_{041}^{(22)}+2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(00)}m_{032}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(00)}m_{023}^{(11)}+2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(10)}m_{131}^{(22)}-4m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(10)}m_{122}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(10)}m_{113}^{(11)}-m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{221}^{(22)}+4m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{212}^{(21)}\\
&-4m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{203}^{(11)}-2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{122}^{(20)}+4m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{113}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{023}^{(00)}-4m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{221}^{(21)}+6m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{212}^{(11)}\\
&+4m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{131}^{(20)}-8m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{122}^{(10)}+2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{032}^{(00)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(22)}m_{230}^{(21)}-3m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(22)}m_{221}^{(11)}-2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(22)}m_{140}^{(20)}\\
&+4m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(22)}m_{131}^{(10)}-m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(22)}m_{041}^{(00)}+m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(00)}m_{050}^{(22)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(00)}m_{041}^{(21)}+m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(00)}m_{032}^{(11)}-2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(10)}m_{140}^{(22)}\\
&+4m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(10)}m_{131}^{(21)}-2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(10)}m_{122}^{(11)}+m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(11)}m_{230}^{(22)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(11)}m_{221}^{(21)}+2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(11)}m_{212}^{(11)}-2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(11)}m_{122}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(11)}m_{032}^{(00)}-2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(21)}m_{221}^{(11)}+4m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(21)}m_{131}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(21)}m_{041}^{(00)}+m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(22)}m_{230}^{(11)}-2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(22)}m_{140}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(22)}m_{050}^{(00)}-4m_{000}^{(20)}(m_{100}^{(21)})^2m_{221}^{(21)}+4m_{000}^{(20)}(m_{100}^{(21)})^2m_{131}^{(20)}\\
&+4m_{000}^{(20)}(m_{100}^{(21)})^2m_{122}^{(10)}-4m_{000}^{(20)}(m_{100}^{(21)})^2m_{032}^{(00)}+2m_{000}^{(20)}m_{100}^{(21)}m_{100}^{(22)}m_{230}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{100}^{(22)}m_{221}^{(11)}-2m_{000}^{(20)}m_{100}^{(21)}m_{100}^{(22)}m_{140}^{(20)}-6m_{000}^{(20)}m_{100}^{(21)}m_{100}^{(22)}m_{131}^{(10)}\\
&+4m_{000}^{(20)}m_{100}^{(21)}m_{100}^{(22)}m_{041}^{(00)}-m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(00)}m_{131}^{(22)}+2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(00)}m_{122}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(00)}m_{113}^{(11)}+2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{221}^{(22)}-4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{122}^{(20)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{023}^{(00)}-m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{311}^{(22)}-4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{302}^{(21)}\\
&+6m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{212}^{(20)}+4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{203}^{(10)}-5m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{113}^{(00)}\\
&-4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{221}^{(21)}+2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{212}^{(11)}+4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{131}^{(20)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{032}^{(00)}+8m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{311}^{(21)}-8m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{221}^{(20)}\\
&-8m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{212}^{(10)}+8m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{122}^{(00)}-2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(22)}m_{320}^{(21)}
\end{aligned}
$$

$$
\begin{aligned}
&-m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(22)}m_{311}^{(11)}+2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(22)}m_{230}^{(20)}+4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(22)}m_{221}^{(10)}\\
&-3m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(22)}m_{131}^{(00)}-m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(00)}m_{140}^{(22)}+2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(00)}m_{131}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(00)}m_{122}^{(11)}+2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{230}^{(22)}-4m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{221}^{(21)}\\
&+4m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{122}^{(10)}-2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{032}^{(00)}-m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(11)}m_{320}^{(22)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(11)}m_{311}^{(21)}-2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(11)}m_{212}^{(10)}+m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(11)}m_{122}^{(00)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(20)}m_{221}^{(11)}-4m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(20)}m_{131}^{(10)}+2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(20)}m_{041}^{(00)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(22)}m_{320}^{(11)}+2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(22)}m_{230}^{(10)}-m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(22)}m_{140}^{(00)}\\
&-m_{000}^{(20)}(m_{100}^{(22)})^2m_{230}^{(11)}+2m_{000}^{(20)}(m_{100}^{(22)})^2m_{140}^{(10)}-m_{000}^{(20)}(m_{100}^{(22)})^2m_{050}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(00)}m_{140}^{(22)}-2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(00)}m_{131}^{(21)}+m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(00)}m_{122}^{(11)}\\
&-2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{230}^{(22)}+2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{221}^{(21)}-m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{212}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{131}^{(20)}-m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{032}^{(00)}+m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{320}^{(22)}\\
&+2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{302}^{(11)}-2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{221}^{(20)}-4m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{212}^{(10)}\\
&+3m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{122}^{(00)}+2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(20)}m_{230}^{(21)}-m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(20)}m_{221}^{(11)}\\
&-2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(20)}m_{140}^{(20)}+m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(20)}m_{041}^{(00)}-2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(21)}m_{320}^{(21)}\\
&-3m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(21)}m_{311}^{(11)}+2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(21)}m_{230}^{(20)}+8m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(21)}m_{221}^{(10)}\\
&-5m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(21)}m_{131}^{(00)}+2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(22)}m_{320}^{(11)}-4m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(22)}m_{230}^{(10)}\\
&+2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(22)}m_{140}^{(00)}+m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(10)}m_{221}^{(11)}-2m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(10)}m_{131}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(10)}m_{041}^{(00)}-m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(11)}m_{311}^{(11)}+2m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(11)}m_{221}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(11)}m_{131}^{(00)}-m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(20)}m_{230}^{(11)}+2m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(20)}m_{140}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(20)}m_{050}^{(00)}+m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(21)}m_{320}^{(11)}-2m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(21)}m_{230}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(21)}m_{140}^{(00)}+m_{000}^{(20)}(m_{010}^{(00)})^2m_{032}^{(22)}-2m_{000}^{(20)}(m_{010}^{(00)})^2m_{023}^{(21)}\\
&+m_{000}^{(20)}(m_{010}^{(00)})^2m_{014}^{(11)}-4m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(10)}m_{122}^{(22)}+6m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(10)}m_{113}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(10)}m_{104}^{(11)}+2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(10)}m_{023}^{(20)}-2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(10)}m_{014}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(11)}m_{212}^{(22)}-2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(11)}m_{113}^{(20)}+m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(11)}m_{014}^{(00)}\\
&+2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(20)}m_{122}^{(21)}-2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(20)}m_{113}^{(11)}-2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(20)}m_{032}^{(20)}\\
&+2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(20)}m_{023}^{(10)}+2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{221}^{(22)}-6m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{212}^{(21)}\\
&+2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{203}^{(11)}+2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{122}^{(20)}+2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{113}^{(10)}\\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{023}^{(00)}-m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(22)}m_{230}^{(22)}+2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(22)}m_{221}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(22)}m_{122}^{(10)}+m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(22)}m_{032}^{(00)}-2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(00)}m_{041}^{(22)}\\
&+4m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(00)}m_{032}^{(21)}-2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(00)}m_{023}^{(11)}+3m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(10)}m_{131}^{(22)}\\
&-4m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(10)}m_{122}^{(21)}+m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(10)}m_{113}^{(11)}-2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(10)}m_{032}^{(20)}\\
&+2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(10)}m_{023}^{(10)}-m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(11)}m_{221}^{(22)}+2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(11)}m_{122}^{(20)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(11)}m_{023}^{(00)}+m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(20)}m_{140}^{(22)}-4m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(20)}m_{131}^{(21)}\\
&+3m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(20)}m_{122}^{(11)}+2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(20)}m_{041}^{(20)}-2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(20)}m_{032}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{230}^{(22)}+4m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{221}^{(21)}-m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{212}^{(11)}\\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{131}^{(20)}-2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{122}^{(10)}+2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{032}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(22)}m_{221}^{(11)}+2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(22)}m_{131}^{(10)}-m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(22)}m_{041}^{(00)}\\
&+4m_{000}^{(20)}(m_{010}^{(10)})^2m_{212}^{(22)}-4m_{000}^{(20)}(m_{010}^{(10)})^2m_{203}^{(21)}-4m_{000}^{(20)}(m_{010}^{(10)})^2m_{113}^{(20)}
\end{aligned}
$$

$$+4m_{000}^{(20)}(m_{010}^{(10)})^2m_{104}^{(10)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(11)}m_{302}^{(22)} + 4m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(11)}m_{203}^{(20)}$$
$$-2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(11)}m_{104}^{(00)} - 4m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{212}^{(21)} + 4m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{203}^{(11)}$$
$$+4m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{122}^{(20)} - 4m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{113}^{(10)} - 4m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{311}^{(22)}$$
$$+8m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{302}^{(21)} - 8m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{203}^{(10)} + 4m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{113}^{(00)}$$
$$+2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{320}^{(22)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{311}^{(21)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{302}^{(11)}$$
$$-2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{221}^{(20)} + 6m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{212}^{(10)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{122}^{(00)}$$
$$+5m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(00)}m_{131}^{(22)} - 8m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(00)}m_{122}^{(21)} + 3m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(00)}m_{113}^{(11)}$$
$$-2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(00)}m_{032}^{(20)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(00)}m_{023}^{(10)} - 8m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{221}^{(22)}$$
$$+8m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{212}^{(21)} + 8m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{122}^{(20)} - 8m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{113}^{(10)}$$
$$+3m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{311}^{(22)} - 6m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{212}^{(20)} + 3m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{113}^{(00)}$$
$$-2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{230}^{(22)} + 8m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{221}^{(21)} - 6m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{212}^{(11)}$$
$$-4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{131}^{(20)} + 4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{122}^{(10)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{320}^{(22)}$$
$$-8m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{311}^{(21)} + 4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{221}^{(20)} + 8m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{212}^{(10)}$$
$$-6m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{122}^{(00)} + 3m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(22)}m_{311}^{(11)} - 6m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(22)}m_{221}^{(10)}$$
$$+3m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(22)}m_{131}^{(00)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(21)}m_{401}^{(22)} - 4m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(21)}m_{302}^{(20)}$$
$$+2m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(21)}m_{203}^{(00)} - m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{410}^{(22)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{311}^{(20)}$$
$$-m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{212}^{(00)} - 3m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{221}^{(22)} + 4m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{212}^{(21)}$$
$$-2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{203}^{(11)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{122}^{(20)} - m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{023}^{(00)}$$
$$+5m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{311}^{(22)} - 4m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{302}^{(21)} - 6m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{212}^{(20)}$$
$$+4m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{203}^{(10)} + m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{113}^{(00)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(11)}m_{401}^{(22)}$$
$$+4m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(11)}m_{302}^{(20)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(11)}m_{203}^{(00)} + m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{320}^{(22)}$$
$$-4m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{311}^{(21)} + 4m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{302}^{(11)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{221}^{(20)}$$
$$-4m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{212}^{(10)} + m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{122}^{(00)} - m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{410}^{(22)}$$
$$+4m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{401}^{(21)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{311}^{(20)} - 4m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{302}^{(10)}$$
$$+3m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{212}^{(00)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(22)}m_{401}^{(11)} + 4m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(22)}m_{311}^{(10)}$$
$$-2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(22)}m_{221}^{(00)} + 4m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{311}^{(21)} - 4m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{302}^{(11)}$$
$$-4m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{221}^{(20)} + 4m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{212}^{(10)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(22)}m_{320}^{(21)}$$
$$+2m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(22)}m_{311}^{(11)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(22)}m_{230}^{(20)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(22)}m_{221}^{(10)}$$
$$-m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(00)}m_{140}^{(22)} + m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(00)}m_{122}^{(11)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(00)}m_{041}^{(20)}$$
$$-2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(00)}m_{032}^{(10)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{230}^{(22)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{212}^{(11)}$$
$$-4m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{131}^{(20)} + 4m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{122}^{(10)} - m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{320}^{(22)}$$
$$+2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{221}^{(20)} - m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{122}^{(00)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(21)}m_{311}^{(11)}$$
$$-4m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(21)}m_{221}^{(10)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(21)}m_{131}^{(00)} - m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(22)}m_{320}^{(11)}$$
$$+2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(22)}m_{230}^{(10)} - m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(22)}m_{140}^{(00)} - 4m_{000}^{(20)}(m_{010}^{(21)})^2m_{401}^{(21)}$$
$$+4m_{000}^{(20)}(m_{010}^{(21)})^2m_{311}^{(20)} + 4m_{000}^{(20)}(m_{010}^{(21)})^2m_{302}^{(10)} - 4m_{000}^{(20)}(m_{010}^{(21)})^2m_{212}^{(00)}$$
$$+2m_{000}^{(20)}m_{010}^{(21)}m_{010}^{(22)}m_{410}^{(21)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{010}^{(22)}m_{401}^{(11)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{010}^{(22)}m_{320}^{(20)}$$
$$-6m_{000}^{(20)}m_{010}^{(21)}m_{010}^{(22)}m_{311}^{(10)} + 4m_{000}^{(20)}m_{010}^{(21)}m_{010}^{(22)}m_{221}^{(00)} + m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{230}^{(22)}$$
$$+m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{212}^{(11)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{131}^{(20)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{122}^{(10)}$$

$$+2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{032}^{(00)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{320}^{(22)} + 4m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{221}^{(20)}$$
$$-2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{122}^{(00)} + m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{410}^{(22)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{311}^{(20)}$$
$$+m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{212}^{(00)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{311}^{(11)} + 4m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{221}^{(10)}$$
$$-2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{131}^{(00)} + m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(22)}m_{410}^{(11)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(22)}m_{320}^{(10)}$$
$$+m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(22)}m_{230}^{(00)} - m_{000}^{(20)}(m_{010}^{(22)})^2m_{410}^{(11)} + 2m_{000}^{(20)}(m_{010}^{(22)})^2m_{320}^{(10)}$$
$$-m_{000}^{(20)}(m_{010}^{(22)})^2m_{230}^{(00)} - m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(00)}m_{221}^{(11)} + 2m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(00)}m_{131}^{(10)}$$
$$-m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(00)}m_{041}^{(00)} + m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{311}^{(11)} - 2m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{221}^{(10)}$$
$$+m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{131}^{(00)} + m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(20)}m_{320}^{(11)} - 2m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(20)}m_{230}^{(10)}$$
$$+m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(20)}m_{140}^{(00)} - m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(21)}m_{410}^{(11)} + 2m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(21)}m_{320}^{(10)}$$
$$-m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(21)}m_{230}^{(00)} + m_{000}^{(20)}(m_{001}^{(00)})^2m_{050}^{(22)} - 2m_{000}^{(20)}(m_{001}^{(00)})^2m_{041}^{(21)}$$
$$+m_{000}^{(20)}(m_{001}^{(00)})^2m_{032}^{(11)} - 4m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{140}^{(22)} + 6m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{131}^{(21)}$$
$$-2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{122}^{(11)} + 2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{041}^{(20)} - 2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{032}^{(10)}$$
$$+2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{230}^{(22)} - 2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{221}^{(21)} + m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{212}^{(11)}$$
$$-2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{131}^{(20)} + m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{032}^{(00)} + 2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(20)}m_{140}^{(21)}$$
$$-2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(20)}m_{131}^{(11)} - 2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(20)}m_{050}^{(20)} + 2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(20)}m_{041}^{(10)}$$
$$-2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{230}^{(21)} + 2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{140}^{(20)} + 2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{131}^{(10)}$$
$$-2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{041}^{(00)} + m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(22)}m_{230}^{(11)} - 2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(22)}m_{140}^{(10)}$$
$$+m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(22)}m_{050}^{(00)} + 4m_{000}^{(20)}(m_{001}^{(10)})^2m_{230}^{(22)} - 4m_{000}^{(20)}(m_{001}^{(10)})^2m_{221}^{(21)}$$
$$-4m_{000}^{(20)}(m_{001}^{(10)})^2m_{131}^{(20)} + 4m_{000}^{(20)}(m_{001}^{(10)})^2m_{122}^{(10)} - 4m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{320}^{(22)}$$
$$+2m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{311}^{(21)} + 6m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{221}^{(20)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{212}^{(10)}$$
$$-2m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{122}^{(00)} - 4m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{230}^{(21)} + 4m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{221}^{(11)}$$
$$+4m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{140}^{(20)} - 4m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{131}^{(10)} + 4m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{320}^{(21)}$$
$$-4m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{230}^{(20)} - 4m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{221}^{(10)} + 4m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{131}^{(00)}$$
$$-2m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(22)}m_{320}^{(11)} + 4m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(22)}m_{230}^{(10)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(22)}m_{140}^{(00)}$$
$$+m_{000}^{(20)}(m_{001}^{(11)})^2m_{410}^{(22)} - 2m_{000}^{(20)}(m_{001}^{(11)})^2m_{311}^{(20)} + m_{000}^{(20)}(m_{001}^{(11)})^2m_{212}^{(00)}$$
$$+2m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{320}^{(21)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{311}^{(11)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{230}^{(20)}$$
$$+2m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{221}^{(10)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{410}^{(21)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{320}^{(20)}$$
$$+2m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{311}^{(10)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{221}^{(00)} + m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(22)}m_{410}^{(11)}$$
$$-2m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(22)}m_{320}^{(10)} + m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(22)}m_{230}^{(00)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(10)}m_{032}^{(22)}$$
$$-4m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(10)}m_{023}^{(21)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(10)}m_{014}^{(11)} - m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(11)}m_{122}^{(22)}$$
$$+2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(11)}m_{113}^{(21)} - m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(11)}m_{104}^{(11)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(20)}m_{041}^{(22)}$$
$$+4m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(20)}m_{032}^{(21)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(20)}m_{023}^{(11)} + m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(22)}m_{140}^{(22)}$$
$$-2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(22)}m_{131}^{(21)} + m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(22)}m_{122}^{(11)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(00)}m_{032}^{(22)}$$
$$+4m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(00)}m_{023}^{(21)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(00)}m_{014}^{(11)} + 3m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(10)}m_{122}^{(22)}$$
$$-2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(10)}m_{113}^{(21)} - m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(10)}m_{104}^{(11)} - 4m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(10)}m_{023}^{(20)}$$
$$+4m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(10)}m_{014}^{(10)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(11)}m_{212}^{(22)} + 4m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(11)}m_{113}^{(20)}$$
$$-2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(11)}m_{014}^{(00)} + m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(20)}m_{131}^{(22)} - 6m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(20)}m_{122}^{(21)}$$
$$+5m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(20)}m_{113}^{(11)} + 4m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(20)}m_{032}^{(20)} - 4m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(20)}m_{023}^{(10)}$$

$$+m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(21)}m_{221}^{(22)}+2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(21)}m_{212}^{(21)}+m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(21)}m_{203}^{(11)}$$
$$-4m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(21)}m_{122}^{(20)}-4m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(21)}m_{113}^{(10)}+4m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(21)}m_{023}^{(00)}$$
$$-m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(22)}m_{230}^{(22)}+2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(22)}m_{221}^{(21)}-3m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(22)}m_{212}^{(11)}$$
$$+4m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(22)}m_{122}^{(10)}-2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(22)}m_{032}^{(00)}+2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(22)}m_{041}^{(22)}$$
$$-4m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(00)}m_{032}^{(21)}+2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(00)}m_{023}^{(11)}-5m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(10)}m_{131}^{(22)}$$
$$+6m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(10)}m_{122}^{(21)}-m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(10)}m_{113}^{(11)}+4m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(10)}m_{032}^{(20)}$$
$$-4m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(10)}m_{023}^{(10)}+3m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(11)}m_{221}^{(22)}-2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(11)}m_{212}^{(21)}$$
$$+m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(11)}m_{203}^{(11)}-4m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(11)}m_{122}^{(20)}+2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(11)}m_{023}^{(00)}$$
$$+m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(20)}m_{140}^{(22)}+2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(20)}m_{131}^{(21)}-3m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(20)}m_{122}^{(11)}$$
$$-4m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(20)}m_{041}^{(20)}+4m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(20)}m_{032}^{(10)}-m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{230}^{(22)}$$
$$-2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{221}^{(21)}-m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{212}^{(11)}+4m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{131}^{(20)}$$
$$+4m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{122}^{(10)}-4m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{032}^{(00)}+2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(22)}m_{221}^{(11)}$$
$$-4m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(22)}m_{131}^{(10)}+2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(22)}m_{041}^{(00)}-4m_{000}^{(21)}(m_{100}^{(10)})^2m_{122}^{(22)}$$
$$+4m_{000}^{(21)}(m_{100}^{(10)})^2m_{113}^{(21)}+4m_{000}^{(21)}(m_{100}^{(10)})^2m_{023}^{(20)}-4m_{000}^{(21)}(m_{100}^{(10)})^2m_{014}^{(10)}$$
$$+4m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(11)}m_{212}^{(22)}-2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(11)}m_{203}^{(21)}-6m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(11)}m_{113}^{(20)}$$
$$+2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(11)}m_{104}^{(10)}+2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(11)}m_{014}^{(00)}+4m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(20)}m_{131}^{(22)}$$
$$-4m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(20)}m_{113}^{(11)}-8m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(20)}m_{032}^{(20)}+8m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(20)}m_{023}^{(10)}$$
$$-4m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(21)}m_{212}^{(21)}+4m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(21)}m_{122}^{(20)}+4m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(21)}m_{113}^{(10)}$$
$$-4m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(21)}m_{023}^{(00)}-2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}m_{230}^{(22)}+2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}m_{221}^{(21)}$$
$$+2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}m_{212}^{(11)}+2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}m_{131}^{(20)}-6m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}m_{122}^{(10)}$$
$$+2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}m_{032}^{(00)}+m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(00)}m_{122}^{(22)}-2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(00)}m_{113}^{(21)}$$
$$+m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(00)}m_{104}^{(11)}+m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(11)}m_{302}^{(22)}-2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(11)}m_{203}^{(20)}$$
$$+m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(11)}m_{104}^{(00)}-2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{221}^{(22)}+4m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{212}^{(21)}$$
$$-2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{203}^{(11)}-2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(21)}m_{311}^{(22)}+4m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(21)}m_{212}^{(20)}$$
$$-2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(21)}m_{113}^{(00)}+2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(22)}m_{320}^{(22)}-2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(22)}m_{311}^{(21)}$$
$$+m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(22)}m_{302}^{(11)}-2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(22)}m_{221}^{(20)}+m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(22)}m_{122}^{(00)}$$
$$-3m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(00)}m_{131}^{(22)}+6m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(00)}m_{122}^{(21)}-3m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(00)}m_{113}^{(11)}$$
$$+8m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(10)}m_{221}^{(22)}-8m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(10)}m_{212}^{(21)}-8m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(10)}m_{122}^{(20)}$$
$$+8m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(10)}m_{113}^{(10)}-5m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(11)}m_{311}^{(22)}+2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(11)}m_{302}^{(21)}$$
$$+8m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(11)}m_{212}^{(20)}-2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(11)}m_{203}^{(10)}-3m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(11)}m_{113}^{(00)}$$
$$-2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{230}^{(22)}-4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{221}^{(21)}+6m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{212}^{(11)}$$
$$+8m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{131}^{(20)}-8m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{122}^{(10)}+2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{320}^{(22)}$$
$$+4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{311}^{(21)}-8m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{221}^{(20)}-4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{212}^{(10)}$$
$$+6m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{122}^{(00)}-3m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(22)}m_{311}^{(11)}+6m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(22)}m_{221}^{(10)}$$
$$-3m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(22)}m_{131}^{(00)}-m_{000}^{(21)}(m_{100}^{(11)})^2m_{302}^{(22)}+2m_{000}^{(21)}(m_{100}^{(11)})^2m_{203}^{(20)}$$
$$-m_{000}^{(21)}(m_{100}^{(11)})^2m_{104}^{(00)}-2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{221}^{(22)}-2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{212}^{(21)}$$
$$+2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{203}^{(11)}+6m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{122}^{(20)}-2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{113}^{(10)}$$
$$-2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{023}^{(00)}+2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(21)}m_{302}^{(21)}-2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(21)}m_{212}^{(20)}$$

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\begin{aligned}
&-2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(21)}m_{203}^{(10)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(21)}m_{113}^{(00)} + m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(22)}m_{320}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(22)}m_{302}^{(11)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(22)}m_{221}^{(20)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(22)}m_{212}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(10)}m_{302}^{(22)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(10)}m_{203}^{(20)} - m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(10)}m_{104}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(20)}m_{311}^{(22)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(20)}m_{212}^{(20)} + m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(20)}m_{113}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(21)}m_{401}^{(22)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(21)}m_{302}^{(20)} + m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(21)}m_{203}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(22)}m_{410}^{(22)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(22)}m_{311}^{(20)} - m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(22)}m_{212}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(00)}m_{221}^{(22)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(00)}m_{212}^{(21)} + m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(00)}m_{203}^{(11)}\\
&-3m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(10)}m_{311}^{(22)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(10)}m_{302}^{(21)} + 4m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(10)}m_{212}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(10)}m_{203}^{(10)} - m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(10)}m_{113}^{(00)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(11)}m_{401}^{(22)}\\
&-4m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(11)}m_{302}^{(20)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(11)}m_{203}^{(00)} + m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{320}^{(22)}\\
&+2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{311}^{(21)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{302}^{(11)} - 4m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{221}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{212}^{(10)} + m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{122}^{(00)} - m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(21)}m_{410}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(21)}m_{401}^{(21)} + 4m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(21)}m_{311}^{(20)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(21)}m_{302}^{(10)}\\
&-3m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(21)}m_{212}^{(00)} + m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(22)}m_{401}^{(11)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(22)}m_{311}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(22)}m_{221}^{(00)} - 4m_{000}^{(21)}(m_{100}^{(20)})^2m_{131}^{(21)} + 4m_{000}^{(21)}(m_{100}^{(20)})^2m_{122}^{(11)}\\
&+4m_{000}^{(21)}(m_{100}^{(20)})^2m_{041}^{(20)} - 4m_{000}^{(21)}(m_{100}^{(20)})^2m_{032}^{(10)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{221}^{(21)}\\
&-4m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{131}^{(20)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{122}^{(10)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{032}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(22)}m_{230}^{(21)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(22)}m_{221}^{(11)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(22)}m_{140}^{(20)}\\
&+6m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(22)}m_{131}^{(10)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(22)}m_{041}^{(00)} + 3m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(00)}m_{131}^{(22)}\\
&-6m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(00)}m_{122}^{(21)} + 3m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(00)}m_{113}^{(11)} - 6m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{221}^{(22)}\\
&+4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{212}^{(21)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{203}^{(11)} + 8m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{122}^{(20)}\\
&-8m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{113}^{(10)} + 3m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(11)}m_{311}^{(22)} - 6m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(11)}m_{212}^{(20)}\\
&+3m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(11)}m_{113}^{(00)} + 8m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{221}^{(21)} - 8m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{212}^{(11)}\\
&-8m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{131}^{(20)} + 8m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{122}^{(10)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{311}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{302}^{(11)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{221}^{(20)} + 8m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{212}^{(10)}\\
&-6m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{122}^{(00)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}m_{320}^{(21)} + 5m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}m_{311}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}m_{230}^{(20)} - 8m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}m_{221}^{(10)} + 3m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}m_{131}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(00)}m_{140}^{(22)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(00)}m_{131}^{(21)} - m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(00)}m_{122}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{230}^{(22)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{221}^{(21)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{212}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{320}^{(22)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{311}^{(21)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{302}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{212}^{(10)} - m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{122}^{(00)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(21)}m_{311}^{(11)}\\
&-4m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(21)}m_{221}^{(10)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(21)}m_{131}^{(00)} - m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(22)}m_{320}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(22)}m_{230}^{(10)} - m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(22)}m_{140}^{(00)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{100}^{(22)}m_{320}^{(21)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{100}^{(22)}m_{230}^{(20)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{100}^{(22)}m_{221}^{(10)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{100}^{(22)}m_{131}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(00)}m_{221}^{(22)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(00)}m_{212}^{(21)} - m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(00)}m_{203}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(10)}m_{311}^{(22)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(10)}m_{212}^{(20)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(10)}m_{113}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(11)}m_{401}^{(22)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(11)}m_{302}^{(20)} - m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(11)}m_{203}^{(00)}\\
&-4m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{311}^{(21)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{302}^{(11)} + 4m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{221}^{(20)}
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&-2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{122}^{(00)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(22)}m_{410}^{(21)} - m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(22)}m_{401}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(22)}m_{320}^{(20)} + m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(22)}m_{221}^{(00)} + m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}m_{230}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}m_{221}^{(21)} + m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}m_{212}^{(11)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{320}^{(22)}\\
&+4m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{311}^{(21)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{212}^{(10)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{122}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(11)}m_{410}^{(22)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(11)}m_{401}^{(21)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(11)}m_{302}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(11)}m_{212}^{(00)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(20)}m_{311}^{(11)} + 4m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(20)}m_{221}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(20)}m_{131}^{(00)} + m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(22)}m_{410}^{(11)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(22)}m_{320}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(22)}m_{230}^{(00)} + m_{000}^{(21)}(m_{100}^{(22)})^2m_{320}^{(11)} - 2m_{000}^{(21)}(m_{100}^{(22)})^2m_{230}^{(10)}\\
&+m_{000}^{(21)}(m_{100}^{(22)})^2m_{140}^{(00)} - m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{230}^{(22)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{221}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{212}^{(11)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{320}^{(22)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{311}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{302}^{(11)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{221}^{(20)} + 4m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{212}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{122}^{(00)} - m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(11)}m_{410}^{(22)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(11)}m_{311}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(11)}m_{212}^{(00)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{320}^{(21)} + 3m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{311}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{230}^{(20)} - 4m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{221}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{131}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(21)}m_{410}^{(21)} + m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(21)}m_{401}^{(11)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(21)}m_{320}^{(20)}\\
&-4m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(21)}m_{311}^{(10)} + 3m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(21)}m_{221}^{(00)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(22)}m_{410}^{(11)}\\
&+4m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(22)}m_{320}^{(10)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(22)}m_{230}^{(00)} - m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(10)}m_{311}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(10)}m_{221}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(10)}m_{131}^{(00)} + m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(11)}m_{401}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(11)}m_{311}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(11)}m_{221}^{(00)} + m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(20)}m_{320}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(20)}m_{230}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(20)}m_{140}^{(00)} - m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(21)}m_{410}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(21)}m_{320}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(21)}m_{230}^{(00)} + m_{000}^{(21)}(m_{010}^{(00)})^2m_{122}^{(22)}\\
&-2m_{000}^{(21)}(m_{010}^{(00)})^2m_{113}^{(21)} + m_{000}^{(21)}(m_{010}^{(00)})^2m_{104}^{(11)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(10)}m_{212}^{(22)}\\
&+2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(10)}m_{203}^{(21)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(10)}m_{113}^{(20)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(10)}m_{104}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(11)}m_{302}^{(22)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(11)}m_{203}^{(20)} + m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(11)}m_{104}^{(00)}\\
&-2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{221}^{(22)} + 6m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{212}^{(21)} - 4m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{203}^{(11)}\\
&-2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{122}^{(20)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{113}^{(10)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{302}^{(21)}\\
&+2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{212}^{(20)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{203}^{(10)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{113}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{320}^{(22)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{311}^{(21)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{302}^{(11)}\\
&-2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{212}^{(10)} + m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{122}^{(00)} + m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{221}^{(22)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{203}^{(11)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{122}^{(20)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{113}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(11)}m_{311}^{(22)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(11)}m_{212}^{(20)} - m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(11)}m_{113}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{230}^{(22)} + m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{212}^{(11)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{131}^{(20)}\\
&-2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{122}^{(10)} + m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{320}^{(22)} + m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{302}^{(11)}\\
&-2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{221}^{(20)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{212}^{(10)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{122}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(22)}m_{311}^{(11)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(22)}m_{221}^{(10)} - m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(22)}m_{131}^{(00)}\\
&+4m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{311}^{(22)} - 4m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{302}^{(21)} - 4m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{212}^{(20)}\\
&+4m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{203}^{(10)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{410}^{(22)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{401}^{(21)}\\
&+2m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{311}^{(20)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{302}^{(10)} - m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{221}^{(22)}
\end{aligned}
$$

$$+m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{203}^{(11)}+2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{122}^{(20)}-2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{113}^{(10)}$$
$$+m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(11)}m_{401}^{(22)}-2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(11)}m_{302}^{(20)}+m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(11)}m_{203}^{(00)}$$
$$+2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{320}^{(22)}-2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{302}^{(11)}-4m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{221}^{(20)}$$
$$+4m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{212}^{(10)}-2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{410}^{(22)}+4m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{311}^{(20)}$$
$$-2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{212}^{(00)}+m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(22)}m_{401}^{(11)}-2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(22)}m_{311}^{(10)}$$
$$+m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(22)}m_{221}^{(00)}-2m_{000}^{(21)}m_{010}^{(11)}m_{010}^{(20)}m_{401}^{(22)}+4m_{000}^{(21)}m_{010}^{(11)}m_{010}^{(20)}m_{302}^{(20)}$$
$$-2m_{000}^{(21)}m_{010}^{(11)}m_{010}^{(20)}m_{203}^{(00)}+m_{000}^{(21)}m_{010}^{(11)}m_{010}^{(22)}m_{500}^{(22)}-2m_{000}^{(21)}m_{010}^{(11)}m_{010}^{(22)}m_{401}^{(20)}$$
$$+m_{000}^{(21)}m_{010}^{(11)}m_{010}^{(22)}m_{302}^{(00)}+m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{311}^{(22)}-2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{212}^{(20)}$$
$$+m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{113}^{(00)}-m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(10)}m_{401}^{(22)}+2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(10)}m_{302}^{(20)}$$
$$-m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(10)}m_{203}^{(00)}-m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(20)}m_{410}^{(22)}+2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(20)}m_{311}^{(20)}$$
$$-m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(20)}m_{212}^{(00)}+m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(21)}m_{500}^{(22)}-2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(21)}m_{401}^{(20)}$$
$$+m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(21)}m_{302}^{(00)}-4m_{000}^{(21)}(m_{010}^{(20)})^2m_{311}^{(21)}+4m_{000}^{(21)}(m_{010}^{(20)})^2m_{302}^{(11)}$$
$$+4m_{000}^{(21)}(m_{010}^{(20)})^2m_{221}^{(20)}-4m_{000}^{(21)}(m_{010}^{(20)})^2m_{212}^{(10)}+4m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{401}^{(21)}$$
$$-4m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{311}^{(20)}-4m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{302}^{(10)}+4m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{212}^{(00)}$$
$$+2m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(22)}m_{410}^{(21)}-4m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(22)}m_{401}^{(11)}-2m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(22)}m_{320}^{(20)}$$
$$+6m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(22)}m_{311}^{(10)}-2m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(22)}m_{221}^{(00)}+m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{001}^{(22)}m_{230}^{(22)}$$
$$-m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{212}^{(11)}-2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{131}^{(20)}+2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{122}^{(10)}$$
$$-2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(10)}m_{320}^{(22)}+2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(10)}m_{302}^{(11)}+4m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(10)}m_{221}^{(20)}$$
$$-4m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(10)}m_{212}^{(10)}+m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(11)}m_{410}^{(22)}-2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(11)}m_{311}^{(20)}$$
$$+m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(11)}m_{212}^{(00)}-2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(21)}m_{401}^{(11)}+4m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(21)}m_{311}^{(10)}$$
$$-2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(21)}m_{221}^{(00)}+m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(22)}m_{410}^{(11)}-2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(22)}m_{320}^{(10)}$$
$$+m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(22)}m_{230}^{(00)}-2m_{000}^{(21)}m_{010}^{(21)}m_{010}^{(22)}m_{500}^{(21)}+2m_{000}^{(21)}m_{010}^{(21)}m_{010}^{(22)}m_{410}^{(20)}$$
$$+2m_{000}^{(21)}m_{010}^{(21)}m_{010}^{(22)}m_{401}^{(10)}-2m_{000}^{(21)}m_{010}^{(21)}m_{010}^{(22)}m_{311}^{(00)}-m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{001}^{(22)}m_{320}^{(22)}$$
$$-m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{302}^{(11)}+2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{221}^{(20)}+2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{212}^{(10)}$$
$$-2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{122}^{(00)}+2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{410}^{(22)}-4m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{311}^{(20)}$$
$$+2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{212}^{(00)}-m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(11)}m_{500}^{(22)}+2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(11)}m_{401}^{(20)}$$
$$-m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(11)}m_{302}^{(00)}+2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{401}^{(11)}-4m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{311}^{(10)}$$
$$+2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{221}^{(00)}-m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(22)}m_{500}^{(11)}+2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(22)}m_{410}^{(10)}$$
$$-m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(22)}m_{320}^{(00)}+m_{000}^{(21)}(m_{010}^{(22)})^2m_{500}^{(11)}-2m_{000}^{(21)}(m_{010}^{(22)})^2m_{410}^{(10)}$$
$$+m_{000}^{(21)}(m_{010}^{(22)})^2m_{320}^{(00)}+m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{311}^{(11)}-2m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{221}^{(10)}$$
$$+m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{131}^{(00)}-m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(10)}m_{401}^{(11)}+2m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(10)}m_{311}^{(10)}$$
$$-m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(10)}m_{221}^{(00)}-m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(20)}m_{410}^{(11)}+2m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(20)}m_{320}^{(10)}$$
$$-m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(20)}m_{230}^{(00)}+m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(21)}m_{500}^{(11)}-2m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(21)}m_{410}^{(10)}$$
$$+m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(21)}m_{320}^{(00)}-m_{000}^{(21)}(m_{001}^{(00)})^2m_{140}^{(22)}+2m_{000}^{(21)}(m_{001}^{(00)})^2m_{131}^{(21)}$$
$$-m_{000}^{(21)}(m_{001}^{(00)})^2m_{122}^{(11)}+4m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{230}^{(22)}-6m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{221}^{(21)}$$
$$+2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{212}^{(11)}-2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{131}^{(20)}+2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{122}^{(10)}$$
$$-2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{320}^{(22)}+2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{311}^{(21)}-m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{302}^{(11)}$$
$$+2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{221}^{(20)}-m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{122}^{(00)}-2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{230}^{(21)}$$

$$+2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{221}^{(11)}+2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{140}^{(20)}-2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{131}^{(10)}$$
$$+2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{320}^{(21)}-2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{230}^{(20)}-2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{221}^{(10)}$$
$$+2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{131}^{(00)}-m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(22)}m_{320}^{(11)}+2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(22)}m_{230}^{(10)}$$
$$-m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(22)}m_{140}^{(00)}-4m_{000}^{(21)}(m_{001}^{(10)})^2m_{320}^{(22)}+4m_{000}^{(21)}(m_{001}^{(10)})^2m_{311}^{(21)}$$
$$+4m_{000}^{(21)}(m_{001}^{(10)})^2m_{221}^{(20)}-4m_{000}^{(21)}(m_{001}^{(10)})^2m_{212}^{(10)}+4m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{410}^{(22)}$$
$$-2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{401}^{(21)}-6m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{311}^{(20)}+2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{302}^{(10)}$$
$$+2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{212}^{(00)}+4m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{320}^{(21)}-4m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{311}^{(11)}$$
$$-4m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{230}^{(20)}+4m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{221}^{(10)}-4m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{410}^{(21)}$$
$$+4m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{320}^{(20)}+4m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{311}^{(10)}-4m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{221}^{(00)}$$
$$+2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(22)}m_{410}^{(11)}-4m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(22)}m_{320}^{(10)}+2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(22)}m_{230}^{(00)}$$
$$-m_{000}^{(21)}(m_{001}^{(11)})^2m_{500}^{(22)}+2m_{000}^{(21)}(m_{001}^{(11)})^2m_{401}^{(20)}-m_{000}^{(21)}(m_{001}^{(11)})^2m_{302}^{(00)}$$
$$-2m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{410}^{(21)}+2m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{401}^{(11)}+2m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{320}^{(20)}$$
$$-2m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{311}^{(10)}+2m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(21)}m_{500}^{(21)}-2m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(21)}m_{410}^{(20)}$$
$$-2m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(21)}m_{401}^{(10)}+2m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(21)}m_{311}^{(00)}-m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(22)}m_{500}^{(11)}$$
$$+2m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(22)}m_{410}^{(10)}-m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(22)}m_{320}^{(00)}-m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(10)}m_{041}^{(22)}$$
$$+2m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(10)}m_{032}^{(21)}-m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(10)}m_{023}^{(11)}+m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(11)}m_{131}^{(22)}$$
$$-2m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(11)}m_{122}^{(21)}+m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(11)}m_{113}^{(11)}+m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(20)}m_{050}^{(22)}$$
$$-2m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(20)}m_{041}^{(21)}+m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(20)}m_{032}^{(11)}-m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)}m_{140}^{(22)}$$
$$+2m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)}m_{131}^{(21)}-m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)}m_{122}^{(11)}+m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(00)}m_{041}^{(22)}$$
$$-2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(00)}m_{032}^{(21)}+m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(00)}m_{023}^{(11)}-m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(10)}m_{131}^{(22)}$$
$$+m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(10)}m_{113}^{(11)}+2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(10)}m_{032}^{(20)}-2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(10)}m_{023}^{(10)}$$
$$+2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(11)}m_{212}^{(21)}-m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(11)}m_{203}^{(11)}-2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(11)}m_{122}^{(20)}$$
$$+m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(11)}m_{023}^{(00)}-m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(20)}m_{140}^{(22)}+4m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(20)}m_{131}^{(21)}$$
$$-3m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(20)}m_{122}^{(11)}-2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(20)}m_{041}^{(20)}+2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(20)}m_{032}^{(10)}$$
$$+m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{230}^{(22)}-4m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{221}^{(21)}+m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{212}^{(11)}$$
$$+2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{131}^{(20)}+2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{122}^{(10)}-2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{032}^{(00)}$$
$$+m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(22)}m_{221}^{(11)}-2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(22)}m_{131}^{(10)}+m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(22)}m_{041}^{(00)}$$
$$-m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(00)}m_{050}^{(22)}+2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(00)}m_{041}^{(21)}-m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(00)}m_{032}^{(11)}$$
$$+2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(10)}m_{140}^{(22)}-2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(10)}m_{131}^{(21)}-2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(10)}m_{041}^{(20)}$$
$$+2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(10)}m_{032}^{(10)}-m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(11)}m_{230}^{(22)}+2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(11)}m_{131}^{(20)}$$
$$-m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(11)}m_{032}^{(00)}-2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(20)}m_{140}^{(21)}+2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(20)}m_{131}^{(11)}$$
$$+2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(20)}m_{050}^{(20)}-2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(20)}m_{041}^{(10)}+2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(21)}m_{230}^{(21)}$$
$$-2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(21)}m_{140}^{(20)}-2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(21)}m_{131}^{(10)}+2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(21)}m_{041}^{(00)}$$
$$-m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(22)}m_{230}^{(11)}+2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(22)}m_{140}^{(10)}-m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(22)}m_{050}^{(00)}$$
$$+2m_{000}^{(22)}(m_{100}^{(10)})^2m_{131}^{(22)}-2m_{000}^{(22)}(m_{100}^{(10)})^2m_{122}^{(21)}-2m_{000}^{(22)}(m_{100}^{(10)})^2m_{032}^{(20)}$$
$$+2m_{000}^{(22)}(m_{100}^{(10)})^2m_{023}^{(10)}-3m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{221}^{(22)}+2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{212}^{(21)}$$
$$+4m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{122}^{(20)}-2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{113}^{(10)}-m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{023}^{(00)}$$
$$-2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(20)}m_{140}^{(22)}+2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(20)}m_{122}^{(11)}+4m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(20)}m_{041}^{(20)}$$

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&-4m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(20)}m_{032}^{(10)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}m_{230}^{(22)} - 4m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}m_{131}^{(20)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}m_{032}^{(00)} - m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(22)}m_{221}^{(11)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(22)}m_{131}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(22)}m_{041}^{(00)} - m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(00)}m_{131}^{(22)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(00)}m_{122}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(00)}m_{113}^{(11)} + m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}m_{311}^{(22)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}m_{302}^{(21)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}m_{203}^{(10)} - m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}m_{113}^{(00)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{230}^{(22)}\\
&-4m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{221}^{(21)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{212}^{(11)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{320}^{(22)}\\
&+4m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{311}^{(21)} - 4m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{212}^{(10)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{122}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(22)}m_{311}^{(11)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(22)}m_{221}^{(10)} - m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(22)}m_{131}^{(00)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(00)}m_{140}^{(22)} - 4m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(00)}m_{131}^{(21)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(00)}m_{122}^{(11)}\\
&-4m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)}m_{230}^{(22)} + 4m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)}m_{221}^{(21)} + 4m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)}m_{131}^{(20)}\\
&-4m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)}m_{122}^{(10)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{320}^{(22)} - 4m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{221}^{(20)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{122}^{(00)} + 4m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(20)}m_{230}^{(21)} - 4m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(20)}m_{221}^{(11)}\\
&-4m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(20)}m_{140}^{(20)} + 4m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(20)}m_{131}^{(10)} - 4m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(21)}m_{320}^{(21)}\\
&+4m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(21)}m_{230}^{(20)} + 4m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(21)}m_{221}^{(10)} - 4m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(21)}m_{131}^{(00)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(22)}m_{320}^{(11)} - 4m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(22)}m_{230}^{(10)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(22)}m_{140}^{(00)}\\
&+m_{000}^{(22)}(m_{100}^{(11)})^2m_{311}^{(22)} - 2m_{000}^{(22)}(m_{100}^{(11)})^2m_{212}^{(20)} + m_{000}^{(22)}(m_{100}^{(11)})^2m_{113}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{230}^{(22)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{221}^{(21)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{212}^{(11)}\\
&-4m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{131}^{(20)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{122}^{(10)} + m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{032}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(21)}m_{320}^{(22)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(21)}m_{311}^{(21)} + 4m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(21)}m_{221}^{(20)}\\
&+2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(21)}m_{212}^{(10)} - 3m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(21)}m_{122}^{(00)} + m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(22)}m_{311}^{(11)}\\
&-2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(22)}m_{221}^{(10)} + m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(22)}m_{131}^{(00)} + m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(10)}m_{311}^{(22)}\\
&-2m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(10)}m_{212}^{(20)} + m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(10)}m_{113}^{(00)} - m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(11)}m_{401}^{(22)}\\
&+2m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(11)}m_{302}^{(20)} - m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(11)}m_{203}^{(00)} - m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)}m_{320}^{(22)}\\
&+2m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)}m_{221}^{(20)} - m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)}m_{122}^{(00)} + m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(21)}m_{410}^{(22)}\\
&-2m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(21)}m_{311}^{(20)} + m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(21)}m_{212}^{(00)} - m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(00)}m_{230}^{(22)}\\
&+2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(00)}m_{221}^{(21)} - m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(00)}m_{212}^{(11)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(10)}m_{320}^{(22)}\\
&-2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(10)}m_{311}^{(21)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(10)}m_{221}^{(20)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(10)}m_{212}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(11)}m_{410}^{(22)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(11)}m_{311}^{(20)} - m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(11)}m_{212}^{(00)}\\
&-2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(20)}m_{320}^{(21)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(20)}m_{311}^{(11)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(20)}m_{230}^{(20)}\\
&-2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(20)}m_{221}^{(10)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(21)}m_{410}^{(21)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(21)}m_{320}^{(20)}\\
&-2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(21)}m_{311}^{(10)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(21)}m_{221}^{(00)} - m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(22)}m_{410}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(22)}m_{320}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(22)}m_{230}^{(00)} + 2m_{000}^{(22)}(m_{100}^{(20)})^2m_{140}^{(21)}\\
&-2m_{000}^{(22)}(m_{100}^{(20)})^2m_{131}^{(11)} - 2m_{000}^{(22)}(m_{100}^{(20)})^2m_{050}^{(20)} + 2m_{000}^{(22)}(m_{100}^{(20)})^2m_{041}^{(10)}\\
&-4m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(21)}m_{230}^{(21)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(21)}m_{221}^{(11)} + 4m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(21)}m_{140}^{(20)}\\
&-2m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(21)}m_{041}^{(00)} + m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(22)}m_{230}^{(11)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(22)}m_{140}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(22)}m_{050}^{(00)} - m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(00)}m_{140}^{(22)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(00)}m_{131}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(00)}m_{122}^{(11)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{230}^{(22)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{212}^{(11)}\\
&-4m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{131}^{(20)} + 4m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{122}^{(10)} - m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{320}^{(22)}
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&-2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{311}^{(21)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(11)}m_{302}^{(11)} + 4m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{221}^{(20)}\\
&-2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{212}^{(10)} - m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{122}^{(00)} - 4m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(20)}m_{230}^{(21)}\\
&+4m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(20)}m_{221}^{(11)} + 4m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(20)}m_{140}^{(20)} - 4m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(20)}m_{131}^{(10)}\\
&+4m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(21)}m_{320}^{(21)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(21)}m_{311}^{(11)} - 4m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(21)}m_{230}^{(20)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(21)}m_{131}^{(00)} - m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(22)}m_{320}^{(11)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(22)}m_{230}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(22)}m_{140}^{(00)} + 2m_{000}^{(22)}(m_{100}^{(21)})^2m_{320}^{(21)} - 2m_{000}^{(22)}(m_{100}^{(21)})^2m_{230}^{(20)}\\
&-2m_{000}^{(22)}(m_{100}^{(21)})^2m_{221}^{(10)} + 2m_{000}^{(22)}(m_{100}^{(21)})^2m_{131}^{(00)} - m_{000}^{(22)}m_{100}^{(21)}m_{100}^{(22)}m_{320}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(21)}m_{100}^{(22)}m_{230}^{(10)} - m_{000}^{(22)}m_{100}^{(21)}m_{100}^{(22)}m_{140}^{(00)} + m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}m_{230}^{(22)}\\
&-2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}m_{221}^{(21)} + m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}m_{212}^{(11)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{320}^{(22)}\\
&+4m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{221}^{(20)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{122}^{(00)} + m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)}m_{410}^{(22)}\\
&+2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)}m_{401}^{(21)} - 4m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)}m_{311}^{(20)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)}m_{302}^{(10)}\\
&+3m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)}m_{212}^{(00)} + 4m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(20)}m_{320}^{(21)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(20)}m_{311}^{(11)}\\
&-4m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(20)}m_{230}^{(20)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(20)}m_{131}^{(00)} - 4m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(21)}m_{410}^{(21)}\\
&+4m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(21)}m_{320}^{(20)} + 4m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(21)}m_{311}^{(10)} - 4m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(21)}m_{221}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(22)}m_{410}^{(11)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(22)}m_{320}^{(10)} + m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(22)}m_{230}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)}m_{311}^{(11)} - 2m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)}m_{221}^{(10)} + m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)}m_{131}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(11)}m_{401}^{(11)} + 2m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(11)}m_{311}^{(10)} - m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(11)}m_{221}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(20)}m_{320}^{(11)} + 2m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(20)}m_{230}^{(10)} - m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(20)}m_{140}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(21)}m_{410}^{(11)} - 2m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(21)}m_{320}^{(10)} + m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(21)}m_{230}^{(00)}\\
&-m_{000}^{(22)}(m_{010}^{(00)})^2m_{131}^{(22)} + 2m_{000}^{(22)}(m_{010}^{(00)})^2m_{122}^{(21)} - m_{000}^{(22)}(m_{010}^{(00)})^2m_{113}^{(11)}\\
&+3m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{221}^{(22)} - 4m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{212}^{(21)} + m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{203}^{(11)}\\
&-2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{122}^{(20)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{113}^{(10)} - m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{311}^{(22)}\\
&+2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{212}^{(20)} - m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{113}^{(00)} + m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{230}^{(22)}\\
&-4m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{221}^{(21)} + 3m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{212}^{(11)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{131}^{(20)}\\
&-2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{122}^{(10)} - m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{320}^{(22)} + 4m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{311}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{302}^{(11)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{221}^{(20)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{212}^{(10)}\\
&+2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{122}^{(00)} - m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(22)}m_{311}^{(11)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(22)}m_{221}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(22)}m_{131}^{(00)} + m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(00)}m_{140}^{(22)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(00)}m_{131}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(00)}m_{122}^{(11)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{230}^{(22)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{221}^{(21)}\\
&+2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{131}^{(20)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{122}^{(10)} + m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{320}^{(22)}\\
&-2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{221}^{(20)} + m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{122}^{(00)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{230}^{(21)}\\
&-2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{221}^{(11)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{140}^{(20)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{131}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{320}^{(21)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{230}^{(20)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{221}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{131}^{(00)} + m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(22)}m_{320}^{(11)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(22)}m_{230}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(22)}m_{140}^{(00)} - 2m_{000}^{(22)}(m_{010}^{(10)})^2m_{311}^{(22)} + 2m_{000}^{(22)}(m_{010}^{(10)})^2m_{302}^{(21)}\\
&+2m_{000}^{(22)}(m_{010}^{(10)})^2m_{212}^{(20)} - 2m_{000}^{(22)}(m_{010}^{(10)})^2m_{203}^{(10)} + m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(11)}m_{401}^{(22)}\\
&-2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(11)}m_{302}^{(20)} + m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(11)}m_{203}^{(00)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{320}^{(22)}\\
&+4m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{311}^{(21)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{302}^{(11)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{410}^{(22)}
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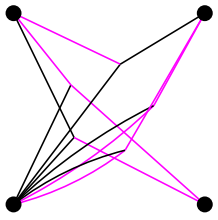
&-4m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{401}^{(21)} + 4m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{302}^{(10)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{212}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{401}^{(11)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{311}^{(10)} + m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{221}^{(00)}\\
&-2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{230}^{(22)} + 4m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{221}^{(21)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{212}^{(11)}\\
&+4m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{320}^{(22)} - 4m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{311}^{(21)} - 4m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{221}^{(20)}\\
&+4m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{212}^{(10)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{410}^{(22)} + 4m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{311}^{(20)}\\
&-2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{212}^{(00)} - 4m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{320}^{(21)} + 4m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{311}^{(11)}\\
&+4m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{230}^{(20)} - 4m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{221}^{(10)} + 4m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{410}^{(21)}\\
&-4m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{320}^{(20)} - 4m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{311}^{(10)} + 4m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{221}^{(00)}\\
&-2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(22)}m_{410}^{(11)} + 4m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(22)}m_{320}^{(10)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(22)}m_{230}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{410}^{(22)} - 2m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{311}^{(20)} + m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{212}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(21)}m_{500}^{(22)} + 2m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(21)}m_{401}^{(20)} - m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(21)}m_{302}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{320}^{(22)} - 2m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{311}^{(21)} + m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{302}^{(11)}\\
&-2m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{410}^{(22)} + 2m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{401}^{(21)} + 2m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{311}^{(20)}\\
&-2m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{302}^{(10)} + m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(11)}m_{500}^{(22)} - 2m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(11)}m_{401}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(11)}m_{302}^{(00)} + 2m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{410}^{(21)} - 2m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{401}^{(11)}\\
&-2m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{320}^{(20)} + 2m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{311}^{(10)} - 2m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(21)}m_{500}^{(21)}\\
&+2m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(21)}m_{410}^{(20)} + 2m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(21)}m_{401}^{(10)} - 2m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(21)}m_{311}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(22)}m_{500}^{(11)} - 2m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(22)}m_{410}^{(10)} + m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(22)}m_{320}^{(00)}\\
&+2m_{000}^{(22)}(m_{010}^{(20)})^2m_{320}^{(21)} - 2m_{000}^{(22)}(m_{010}^{(20)})^2m_{311}^{(11)} - 2m_{000}^{(22)}(m_{010}^{(20)})^2m_{230}^{(20)}\\
&+2m_{000}^{(22)}(m_{010}^{(20)})^2m_{221}^{(10)} - 4m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{410}^{(21)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{401}^{(11)}\\
&+4m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{320}^{(20)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{221}^{(00)} + m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(22)}m_{410}^{(11)}\\
&-2m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(22)}m_{320}^{(10)} + m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(22)}m_{230}^{(00)} + 2m_{000}^{(22)}(m_{010}^{(21)})^2m_{500}^{(21)}\\
&-2m_{000}^{(22)}(m_{010}^{(21)})^2m_{410}^{(20)} - 2m_{000}^{(22)}(m_{010}^{(21)})^2m_{401}^{(10)} + 2m_{000}^{(22)}(m_{010}^{(21)})^2m_{311}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{010}^{(22)}m_{500}^{(11)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{010}^{(22)}m_{410}^{(10)} - m_{000}^{(22)}m_{010}^{(21)}m_{010}^{(22)}m_{320}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{ccccc}
V1 & V1 & 1 & 1 & 1\\
1 & 1 & V2 & V2 & 2\\
V3 & V3 & 3 & V4 & V4
\end{array}
$$



$$
\begin{aligned}
T_{189} \;=\;& -m_{000}^{(00)} m_{100}^{(10)} m_{100}^{(11)} m_{023}^{(22)} + 2m_{000}^{(00)} m_{100}^{(10)} m_{100}^{(11)} m_{014}^{(21)} - m_{000}^{(00)} m_{100}^{(10)} m_{100}^{(11)} m_{005}^{(11)} \\
& +2m_{000}^{(00)} m_{100}^{(10)} m_{100}^{(21)} m_{032}^{(22)} - 4m_{000}^{(00)} m_{100}^{(10)} m_{100}^{(21)} m_{023}^{(21)} + 2m_{000}^{(00)} m_{100}^{(10)} m_{100}^{(21)} m_{014}^{(11)} \\
& -m_{000}^{(00)} m_{100}^{(10)} m_{100}^{(22)} m_{041}^{(22)} + 2m_{000}^{(00)} m_{100}^{(10)} m_{100}^{(22)} m_{032}^{(21)} - m_{000}^{(00)} m_{100}^{(10)} m_{100}^{(22)} m_{023}^{(11)} \\
& +m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(10)} m_{023}^{(22)} - 2m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(10)} m_{014}^{(21)} + m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(10)} m_{005}^{(11)} \\
& -m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(20)} m_{032}^{(22)} + 2m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(20)} m_{023}^{(21)} - m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(20)} m_{014}^{(11)} \\
& -m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(21)} m_{122}^{(22)} + 2m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(21)} m_{113}^{(21)} - m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(21)} m_{104}^{(11)} \\
& +m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(22)} m_{131}^{(22)} - 2m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(22)} m_{122}^{(21)} + m_{000}^{(00)} m_{100}^{(10)} m_{010}^{(22)} m_{113}^{(11)} \\
& -m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(10)} m_{032}^{(22)} + 2m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(10)} m_{023}^{(21)} - m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(10)} m_{014}^{(11)} \\
& +m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(11)} m_{122}^{(22)} - 2m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(11)} m_{113}^{(21)} + m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(11)} m_{104}^{(11)} \\
& +m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(20)} m_{041}^{(22)} - 2m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(20)} m_{032}^{(21)} + m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(20)} m_{023}^{(11)} \\
& -m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(21)} m_{131}^{(22)} + 2m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(21)} m_{122}^{(21)} - m_{000}^{(00)} m_{100}^{(10)} m_{001}^{(21)} m_{113}^{(11)} \\
& +m_{000}^{(00)} (m_{100}^{(11)})^2 m_{113}^{(22)} - m_{000}^{(00)} (m_{100}^{(11)})^2 m_{104}^{(21)} - m_{000}^{(00)} (m_{100}^{(11)})^2 m_{014}^{(20)} \\
& +m_{000}^{(00)} (m_{100}^{(11)})^2 m_{005}^{(10)} + m_{000}^{(00)} m_{100}^{(11)} m_{100}^{(20)} m_{032}^{(22)} - 2m_{000}^{(00)} m_{100}^{(11)} m_{100}^{(20)} m_{023}^{(21)} \\
& +m_{000}^{(00)} m_{100}^{(11)} m_{100}^{(20)} m_{014}^{(11)} - 3m_{000}^{(00)} m_{100}^{(11)} m_{100}^{(21)} m_{122}^{(22)} + 2m_{000}^{(00)} m_{100}^{(11)} m_{100}^{(21)} m_{113}^{(21)} \\
& +m_{000}^{(00)} m_{100}^{(11)} m_{100}^{(21)} m_{104}^{(11)} + 4m_{000}^{(00)} m_{100}^{(11)} m_{100}^{(21)} m_{023}^{(20)} - 4m_{000}^{(00)} m_{100}^{(11)} m_{100}^{(21)} m_{014}^{(10)} \\
& +m_{000}^{(00)} m_{100}^{(11)} m_{100}^{(22)} m_{131}^{(22)} - m_{000}^{(00)} m_{100}^{(11)} m_{100}^{(22)} m_{113}^{(11)} - 2m_{000}^{(00)} m_{100}^{(11)} m_{100}^{(22)} m_{032}^{(20)} \\
& +2m_{000}^{(00)} m_{100}^{(11)} m_{100}^{(22)} m_{023}^{(10)} - m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(11)} m_{203}^{(22)} + 2m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(11)} m_{104}^{(20)} \\
& -m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(11)} m_{005}^{(00)} + 2m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(21)} m_{212}^{(22)} - 4m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(21)} m_{113}^{(20)} \\
& +2m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(21)} m_{014}^{(00)} - m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(22)} m_{221}^{(22)} + 2m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(22)} m_{122}^{(20)} \\
& -m_{000}^{(00)} m_{100}^{(11)} m_{010}^{(22)} m_{023}^{(00)} + m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(10)} m_{122}^{(22)} - 2m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(10)} m_{113}^{(21)} \\
& +m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(10)} m_{104}^{(11)} - m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(11)} m_{212}^{(22)} + 2m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(11)} m_{203}^{(21)} \\
& -2m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(11)} m_{104}^{(10)} + m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(11)} m_{014}^{(00)} - m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(20)} m_{131}^{(22)} \\
& +2m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(20)} m_{122}^{(21)} - m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(20)} m_{113}^{(11)} + m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(21)} m_{221}^{(22)} \\
& -2m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(21)} m_{212}^{(21)} - m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(21)} m_{203}^{(11)} + 4m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(21)} m_{113}^{(10)} \\
& -2m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(21)} m_{023}^{(00)} + m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(22)} m_{212}^{(11)} - 2m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(22)} m_{122}^{(10)} \\
& +m_{000}^{(00)} m_{100}^{(11)} m_{001}^{(22)} m_{032}^{(00)} - 2m_{000}^{(00)} m_{100}^{(20)} m_{100}^{(21)} m_{041}^{(22)} + 4m_{000}^{(00)} m_{100}^{(20)} m_{100}^{(21)} m_{032}^{(21)} \\
& -2m_{000}^{(00)} m_{100}^{(20)} m_{100}^{(21)} m_{023}^{(11)} + m_{000}^{(00)} m_{100}^{(20)} m_{100}^{(22)} m_{050}^{(22)} - 2m_{000}^{(00)} m_{100}^{(20)} m_{100}^{(22)} m_{041}^{(21)} \\
& +m_{000}^{(00)} m_{100}^{(20)} m_{100}^{(22)} m_{032}^{(11)} - m_{000}^{(00)} m_{100}^{(20)} m_{010}^{(10)} m_{032}^{(22)} + 2m_{000}^{(00)} m_{100}^{(20)} m_{010}^{(10)} m_{023}^{(21)} \\
& -m_{000}^{(00)} m_{100}^{(20)} m_{010}^{(10)} m_{014}^{(11)} + m_{000}^{(00)} m_{100}^{(20)} m_{010}^{(20)} m_{041}^{(22)} - 2m_{000}^{(00)} m_{100}^{(20)} m_{010}^{(20)} m_{032}^{(21)} \\
& +m_{000}^{(00)} m_{100}^{(20)} m_{010}^{(20)} m_{023}^{(11)} + m_{000}^{(00)} m_{100}^{(20)} m_{010}^{(21)} m_{131}^{(22)} - 2m_{000}^{(00)} m_{100}^{(20)} m_{010}^{(21)} m_{122}^{(21)} \\
& +m_{000}^{(00)} m_{100}^{(20)} m_{010}^{(21)} m_{113}^{(11)} - m_{000}^{(00)} m_{100}^{(20)} m_{010}^{(22)} m_{140}^{(22)} + 2m_{000}^{(00)} m_{100}^{(20)} m_{010}^{(22)} m_{131}^{(21)} \\
& -m_{000}^{(00)} m_{100}^{(20)} m_{010}^{(22)} m_{122}^{(11)} + m_{000}^{(00)} m_{100}^{(20)} m_{001}^{(10)} m_{041}^{(22)} - 2m_{000}^{(00)} m_{100}^{(20)} m_{001}^{(10)} m_{032}^{(21)} \\
& +m_{000}^{(00)} m_{100}^{(20)} m_{001}^{(10)} m_{023}^{(11)} - m_{000}^{(00)} m_{100}^{(20)} m_{001}^{(11)} m_{131}^{(22)} + 2m_{000}^{(00)} m_{100}^{(20)} m_{001}^{(11)} m_{122}^{(21)} \\
& -m_{000}^{(00)} m_{100}^{(20)} m_{001}^{(11)} m_{113}^{(11)} - m_{000}^{(00)} m_{100}^{(20)} m_{001}^{(20)} m_{050}^{(22)} + 2m_{000}^{(00)} m_{100}^{(20)} m_{001}^{(20)} m_{041}^{(21)} \\
& -m_{000}^{(00)} m_{100}^{(20)} m_{001}^{(20)} m_{032}^{(11)} + m_{000}^{(00)} m_{100}^{(20)} m_{001}^{(21)} m_{140}^{(22)} - 2m_{000}^{(00)} m_{100}^{(20)} m_{001}^{(21)} m_{131}^{(21)} \\
& +m_{000}^{(00)} m_{100}^{(20)} m_{001}^{(21)} m_{122}^{(11)} + 2m_{000}^{(00)} (m_{100}^{(21)})^2 m_{131}^{(22)} - 2m_{000}^{(00)} (m_{100}^{(21)})^2 m_{113}^{(11)} \\
& -4m_{000}^{(00)} (m_{100}^{(21)})^2 m_{032}^{(20)} + 4m_{000}^{(00)} (m_{100}^{(21)})^2 m_{023}^{(10)} - m_{000}^{(00)} m_{100}^{(21)} m_{100}^{(22)} m_{140}^{(22)} \\
& -2m_{000}^{(00)} m_{100}^{(21)} m_{100}^{(22)} m_{131}^{(21)} + 3m_{000}^{(00)} m_{100}^{(21)} m_{100}^{(22)} m_{122}^{(11)} + 4m_{000}^{(00)} m_{100}^{(21)} m_{100}^{(22)} m_{041}^{(20)}
\end{aligned}
$$

$$
\begin{aligned}
&-4m_{000}^{(00)}m_{100}^{(21)}m_{100}^{(22)}m_{032}^{(10)} - m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(10)}m_{122}^{(22)} + 2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(10)}m_{113}^{(21)}\\
&-m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(10)}m_{104}^{(11)} + 2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(11)}m_{212}^{(22)} - 4m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(11)}m_{113}^{(20)}\\
&+2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(11)}m_{014}^{(00)} + m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(20)}m_{131}^{(22)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(20)}m_{122}^{(21)}\\
&+m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(20)}m_{113}^{(11)} - 3m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{221}^{(22)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{212}^{(21)}\\
&+m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{203}^{(11)} + 8m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{122}^{(20)} - 4m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{023}^{(00)}\\
&+m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(22)}m_{230}^{(22)} + 2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(22)}m_{221}^{(21)} - m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(22)}m_{212}^{(11)}\\
&-4m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(22)}m_{131}^{(20)} + 2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(22)}m_{032}^{(00)} - m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(10)}m_{001}^{(22)}m_{131}^{}\\
&+2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(10)}m_{122}^{(21)} - m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(10)}m_{113}^{(11)} + m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(11)}m_{221}^{(22)}\\
&-2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(11)}m_{212}^{(21)} - m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(11)}m_{203}^{(11)} + 4m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(11)}m_{113}^{(10)}\\
&-2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(11)}m_{023}^{(00)} + m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(20)}m_{140}^{(22)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(20)}m_{131}^{(21)}\\
&+m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(20)}m_{122}^{(11)} - m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(21)}m_{230}^{(22)} + 2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(21)}m_{221}^{(21)}\\
&+3m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(21)}m_{212}^{(11)} - 8m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(21)}m_{122}^{(10)} + 4m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(21)}m_{032}^{(00)}\\
&-2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(22)}m_{221}^{(11)} + 4m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(22)}m_{131}^{(10)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(22)}m_{041}^{(00)}\\
&+m_{000}^{(00)}(m_{100}^{(22)})^2m_{140}^{(21)} - m_{000}^{(00)}(m_{100}^{(22)})^2m_{131}^{(11)} - m_{000}^{(00)}(m_{100}^{(22)})^2m_{050}^{(20)}\\
&+m_{000}^{(00)}(m_{100}^{(22)})^2m_{041}^{(10)} + m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(10)}m_{131}^{(22)} - 2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(10)}m_{122}^{(21)}\\
&+m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(10)}m_{113}^{(11)} - m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{221}^{(22)} + 2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{122}^{(20)}\\
&-m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{023}^{(00)} - m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(20)}m_{140}^{(22)} + 2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(20)}m_{131}^{(21)}\\
&-m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(20)}m_{122}^{(11)} + m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{230}^{(22)} + 2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{221}^{(21)}\\
&-m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{212}^{(11)} - 4m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{131}^{(20)} + 2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{032}^{(00)}\\
&-2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(22)}m_{230}^{(21)} + m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(22)}m_{221}^{(11)} + 2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(22)}m_{140}^{(20)}\\
&-m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(22)}m_{041}^{(00)} + m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(11)}m_{212}^{(11)} - 2m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(11)}m_{122}^{(10)}\\
&+m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(11)}m_{032}^{(00)} - 2m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(21)}m_{221}^{(11)} + 4m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(21)}m_{131}^{(10)}\\
&-2m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(21)}m_{041}^{(00)} + m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(22)}m_{230}^{(11)} - 2m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(22)}m_{140}^{(10)}\\
&+m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(22)}m_{050}^{(00)} - m_{000}^{(00)}(m_{010}^{(10)})^2m_{113}^{(22)} + m_{000}^{(00)}(m_{010}^{(10)})^2m_{104}^{(21)}\\
&+m_{000}^{(00)}(m_{010}^{(10)})^2m_{014}^{(20)} - m_{000}^{(00)}(m_{010}^{(10)})^2m_{005}^{(10)} + m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(11)}m_{203}^{(22)}\\
&-2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(11)}m_{104}^{(20)} + m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(11)}m_{005}^{(00)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{122}^{(22)}\\
&-2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{113}^{(21)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{023}^{(20)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{014}^{(10)}\\
&-2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{203}^{(21)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{113}^{(20)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{104}^{(10)}\\
&-2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{014}^{(00)} - m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{221}^{(22)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{212}^{(21)}\\
&-2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{113}^{(10)} + m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{023}^{(00)} + m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{122}^{(22)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{104}^{(11)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{023}^{(20)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{014}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{212}^{(22)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{113}^{(20)} - m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{014}^{(00)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{131}^{(22)} + m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{113}^{(11)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{032}^{(20)}\\
&-2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{023}^{(10)} + m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{221}^{(22)} + m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{203}^{(11)}\\
&-2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{122}^{(20)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{113}^{(10)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{023}^{(00)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{212}^{(11)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{122}^{(10)} - m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{032}^{(00)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{212}^{(22)} + 2m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{113}^{(20)} - m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{014}^{(00)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(21)}m_{302}^{(22)} + 2m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(21)}m_{203}^{(20)} - m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(21)}m_{104}^{(00)}
\end{aligned}
$$

$$+m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(22)}m_{311}^{(22)} - 2m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(22)}m_{212}^{(20)} + m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(22)}m_{113}^{(00)}$$
$$-m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{212}^{(22)} + 2m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{113}^{(20)} - m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{014}^{(00)}$$
$$+m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(11)}m_{302}^{(22)} - 2m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(11)}m_{203}^{(20)} + m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(11)}m_{104}^{(00)}$$
$$+m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{221}^{(22)} - 2m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{122}^{(20)} + m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{023}^{(00)}$$
$$-m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{311}^{(22)} + 2m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{212}^{(20)} - m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{113}^{(00)}$$
$$-m_{000}^{(00)}(m_{010}^{(20)})^2m_{131}^{(22)} + m_{000}^{(00)}(m_{010}^{(20)})^2m_{122}^{(21)} + m_{000}^{(00)}(m_{010}^{(20)})^2m_{032}^{(20)}$$
$$-m_{000}^{(00)}(m_{010}^{(20)})^2m_{023}^{(10)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{212}^{(21)} - 2m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{122}^{(20)}$$
$$-2m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{113}^{(10)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{023}^{(00)} + m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{230}^{(22)}$$
$$-2m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{221}^{(21)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{122}^{(10)} - m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{032}^{(00)}$$
$$-m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{131}^{(22)} + m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{113}^{(11)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{032}^{(20)}$$
$$-2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{023}^{(10)} + m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{221}^{(22)} - 2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{122}^{(20)}$$
$$+m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{023}^{(00)} + m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(20)}m_{140}^{(22)} - m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(20)}m_{122}^{(11)}$$
$$-2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(20)}m_{041}^{(20)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(20)}m_{032}^{(10)} - m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{230}^{(22)}$$
$$-m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{212}^{(11)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{131}^{(20)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{122}^{(10)}$$
$$-2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{032}^{(00)} + m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{221}^{(11)} - 2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{131}^{(10)}$$
$$+m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{041}^{(00)} + m_{000}^{(00)}(m_{010}^{(21)})^2m_{311}^{(22)} + m_{000}^{(00)}(m_{010}^{(21)})^2m_{302}^{(21)}$$
$$-3m_{000}^{(00)}(m_{010}^{(21)})^2m_{212}^{(20)} - m_{000}^{(00)}(m_{010}^{(21)})^2m_{203}^{(10)} + 2m_{000}^{(00)}(m_{010}^{(21)})^2m_{113}^{(00)}$$
$$-m_{000}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{320}^{(22)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{311}^{(21)} + 4m_{000}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{221}^{(20)}$$
$$+2m_{000}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{212}^{(10)} - 3m_{000}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{122}^{(00)} + m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{221}^{(22)}$$
$$+m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{203}^{(11)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{122}^{(20)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{113}^{(10)}$$
$$+2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{023}^{(00)} - m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{311}^{(22)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{212}^{(20)}$$
$$-m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{113}^{(00)} - m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{230}^{(22)} - m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{122}^{(11)}$$
$$+2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{131}^{(20)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{122}^{(10)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{032}^{(00)}$$
$$+m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(21)}m_{320}^{(22)} - m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(21)}m_{302}^{(11)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(21)}m_{221}^{(20)}$$
$$+2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(21)}m_{212}^{(10)} + m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{311}^{(11)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{221}^{(10)}$$
$$+m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{131}^{(00)} + m_{000}^{(00)}(m_{010}^{(22)})^2m_{320}^{(21)} - m_{000}^{(00)}(m_{010}^{(22)})^2m_{230}^{(20)}$$
$$-m_{000}^{(00)}(m_{010}^{(22)})^2m_{221}^{(10)} + m_{000}^{(00)}(m_{010}^{(22)})^2m_{131}^{(00)} - m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{212}^{(11)}$$
$$+2m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{122}^{(10)} - m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{032}^{(00)} + m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{221}^{(11)}$$
$$-2m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{131}^{(10)} + m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{041}^{(00)} + m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(21)}m_{311}^{(11)}$$
$$-2m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(21)}m_{221}^{(10)} + m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(21)}m_{131}^{(00)} - m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(22)}m_{320}^{(11)}$$
$$+2m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(22)}m_{230}^{(10)} - m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(22)}m_{140}^{(00)} - m_{000}^{(00)}(m_{001}^{(10)})^2m_{122}^{(21)}$$
$$+m_{000}^{(00)}(m_{001}^{(10)})^2m_{113}^{(11)} + m_{000}^{(00)}(m_{001}^{(10)})^2m_{032}^{(20)} - m_{000}^{(00)}(m_{001}^{(10)})^2m_{023}^{(10)}$$
$$+2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{212}^{(21)} - m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{203}^{(11)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{122}^{(20)}$$
$$+m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{023}^{(00)} + 2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{131}^{(21)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{122}^{(11)}$$
$$-2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{041}^{(20)} + 2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{032}^{(10)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{221}^{(21)}$$
$$+2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{131}^{(20)} + 2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{122}^{(10)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{032}^{(00)}$$
$$+m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{221}^{(11)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{131}^{(10)} + m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{041}^{(00)}$$
$$-m_{000}^{(00)}(m_{001}^{(11)})^2m_{302}^{(21)} + m_{000}^{(00)}(m_{001}^{(11)})^2m_{212}^{(20)} + m_{000}^{(00)}(m_{001}^{(11)})^2m_{203}^{(10)}$$

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&-m_{000}^{(00)}(m_{001}^{(11)})^2m_{113}^{(00)} - 2m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{221}^{(21)} + m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{212}^{(11)}\\
&+2m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{131}^{(20)} - m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{032}^{(00)} + 2m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{311}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{302}^{(11)} - 2m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{221}^{(20)} - 4m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{212}^{(10)}\\
&+3m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{122}^{(00)} - m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{311}^{(11)} + 2m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{221}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{131}^{(00)} - m_{000}^{(00)}(m_{001}^{(20)})^2m_{140}^{(21)} + m_{000}^{(00)}(m_{001}^{(20)})^2m_{131}^{(11)}\\
&+m_{000}^{(00)}(m_{001}^{(20)})^2m_{050}^{(20)} - m_{000}^{(00)}(m_{001}^{(20)})^2m_{041}^{(10)} + 2m_{000}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{230}^{(21)}\\
&-2m_{000}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{140}^{(20)} - 2m_{000}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{131}^{(10)} + 2m_{000}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{041}^{(00)}\\
&-m_{000}^{(00)}m_{001}^{(20)}m_{001}^{(22)}m_{230}^{(11)} + 2m_{000}^{(00)}m_{001}^{(20)}m_{001}^{(22)}m_{140}^{(10)} - m_{000}^{(00)}m_{001}^{(20)}m_{001}^{(22)}m_{050}^{(00)}\\
&-m_{000}^{(00)}(m_{001}^{(21)})^2m_{320}^{(21)} - m_{000}^{(00)}(m_{001}^{(21)})^2m_{311}^{(11)} + m_{000}^{(00)}(m_{001}^{(21)})^2m_{230}^{(20)}\\
&+3m_{000}^{(00)}(m_{001}^{(21)})^2m_{221}^{(10)} - 2m_{000}^{(00)}(m_{001}^{(21)})^2m_{131}^{(00)} + m_{000}^{(00)}m_{001}^{(21)}m_{001}^{(22)}m_{320}^{(11)}\\
&-2m_{000}^{(00)}m_{001}^{(21)}m_{001}^{(22)}m_{230}^{(10)} + m_{000}^{(00)}m_{001}^{(21)}m_{001}^{(22)}m_{140}^{(00)} + m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(11)}m_{023}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(11)}m_{014}^{(21)} + m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(11)}m_{005}^{(11)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(21)}m_{032}^{(22)}\\
&+4m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(21)}m_{023}^{(21)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(21)}m_{014}^{(11)} + m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(22)}m_{041}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(22)}m_{032}^{(21)} + m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(22)}m_{023}^{(11)} - m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(10)}m_{023}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(10)}m_{014}^{(21)} - m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(10)}m_{005}^{(11)} + m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(20)}m_{032}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(20)}m_{023}^{(21)} + m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(20)}m_{014}^{(11)} + m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(21)}m_{122}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(21)}m_{113}^{(21)} + m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(21)}m_{104}^{(11)} - m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(22)}m_{131}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(22)}m_{122}^{(21)} - m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(22)}m_{113}^{(11)} + m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(10)}m_{032}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(10)}m_{023}^{(21)} + m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(10)}m_{014}^{(11)} - m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(11)}m_{122}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(11)}m_{113}^{(21)} - m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(11)}m_{104}^{(11)} - m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(20)}m_{041}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(20)}m_{032}^{(21)} - m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(20)}m_{023}^{(11)} + m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(21)}m_{131}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(21)}m_{122}^{(21)} + m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(21)}m_{113}^{(11)} + m_{000}^{(10)}(m_{100}^{(10)})^2m_{023}^{(22)}\\
&-2m_{000}^{(10)}(m_{100}^{(10)})^2m_{014}^{(21)} + m_{000}^{(10)}(m_{100}^{(10)})^2m_{005}^{(11)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(11)}m_{113}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(11)}m_{104}^{(21)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(11)}m_{014}^{(20)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(11)}m_{005}^{(10)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(20)}m_{032}^{(22)} + 4m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(20)}m_{023}^{(21)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(20)}m_{014}^{(11)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(21)}m_{122}^{(22)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(21)}m_{104}^{(11)} - 4m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(21)}m_{023}^{(20)}\\
&+4m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(21)}m_{014}^{(10)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(22)}m_{122}^{(21)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(22)}m_{113}^{(11)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(22)}m_{032}^{(20)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(22)}m_{023}^{(10)} - m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(00)}m_{023}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(00)}m_{014}^{(21)} - m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(00)}m_{005}^{(11)} + m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(11)}m_{203}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(11)}m_{104}^{(20)} + m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(11)}m_{005}^{(00)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(20)}m_{122}^{(22)}\\
&-4m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(20)}m_{113}^{(21)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(20)}m_{104}^{(11)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(21)}m_{212}^{(22)}\\
&+4m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(21)}m_{113}^{(20)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(21)}m_{014}^{(00)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(22)}m_{212}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(22)}m_{203}^{(11)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(22)}m_{122}^{(20)} + m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(22)}m_{023}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(00)}m_{032}^{(22)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(00)}m_{023}^{(21)} + m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(00)}m_{014}^{(11)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(10)}m_{122}^{(22)} + 4m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(10)}m_{113}^{(21)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(10)}m_{104}^{(11)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(11)}m_{212}^{(22)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(11)}m_{203}^{(21)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(11)}m_{104}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(11)}m_{014}^{(00)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{203}^{(11)} - 4m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{113}^{(10)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{023}^{(00)} - m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(22)}m_{212}^{(11)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(22)}m_{122}^{(10)}
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&-m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(22)}m_{032}^{(00)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(20)}m_{113}^{(21)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(20)}m_{104}^{(11)}\\
&-2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(20)}m_{023}^{(20)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(20)}m_{014}^{(10)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(21)}m_{212}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(21)}m_{203}^{(21)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(21)}m_{113}^{(20)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(21)}m_{104}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{221}^{(22)} + m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{203}^{(11)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{122}^{(20)}\\
&-2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{113}^{(10)} + m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(10)}m_{203}^{(22)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(10)}m_{104}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(10)}m_{005}^{(00)} - m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(20)}m_{212}^{(22)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(20)}m_{113}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(20)}m_{014}^{(00)} - m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(21)}m_{302}^{(22)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(21)}m_{203}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(21)}m_{104}^{(00)} + m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(22)}m_{311}^{(22)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(22)}m_{212}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(22)}m_{113}^{(00)} - m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(00)}m_{122}^{(22)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(00)}m_{113}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(00)}m_{104}^{(11)} + m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(10)}m_{212}^{(22)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(10)}m_{203}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(10)}m_{104}^{(10)} - m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(10)}m_{014}^{(00)} + m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{221}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{212}^{(21)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{203}^{(11)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{113}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{023}^{(00)} - m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(21)}m_{311}^{(22)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(21)}m_{302}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(21)}m_{203}^{(10)} + m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(21)}m_{113}^{(00)} - m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{302}^{(11)}\\
&+2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{212}^{(10)} - m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{122}^{(00)} + m_{000}^{(10)}(m_{100}^{(20)})^2m_{041}^{(22)}\\
&-2m_{000}^{(10)}(m_{100}^{(20)})^2m_{032}^{(21)} + m_{000}^{(10)}(m_{100}^{(20)})^2m_{023}^{(11)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(21)}m_{131}^{(22)}\\
&-8m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(21)}m_{122}^{(21)} + 6m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(21)}m_{113}^{(11)} + 4m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(21)}m_{032}^{(20)}\\
&-4m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(21)}m_{023}^{(10)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(22)}m_{140}^{(22)} + 6m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(22)}m_{131}^{(21)}\\
&-4m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(22)}m_{122}^{(11)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(22)}m_{041}^{(20)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(22)}m_{032}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(00)}m_{032}^{(22)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(00)}m_{023}^{(21)} + m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(00)}m_{014}^{(11)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(10)}m_{122}^{(22)} - 4m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(10)}m_{113}^{(21)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(10)}m_{104}^{(11)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(11)}m_{212}^{(22)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(11)}m_{113}^{(20)} - m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(11)}m_{014}^{(00)}\\
&-4m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(20)}m_{131}^{(22)} + 8m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(20)}m_{122}^{(21)} - 4m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(20)}m_{113}^{(11)}\\
&+4m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{212}^{(21)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{203}^{(11)} - 4m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{122}^{(20)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{023}^{(00)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{230}^{(22)} - 6m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{221}^{(21)}\\
&+3m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{212}^{(11)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{131}^{(20)} - m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{032}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(00)}m_{041}^{(22)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(00)}m_{032}^{(21)} - m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(00)}m_{023}^{(11)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{221}^{(22)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{212}^{(21)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{203}^{(11)}\\
&-2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{113}^{(10)} + m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{023}^{(00)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(20)}m_{140}^{(22)}\\
&-4m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(20)}m_{131}^{(21)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(20)}m_{122}^{(11)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{230}^{(22)}\\
&+4m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{221}^{(21)} - 4m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{212}^{(11)} + 4m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{122}^{(10)}\\
&-2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{032}^{(00)} + m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{221}^{(11)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{131}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{041}^{(00)} - 3m_{000}^{(10)}(m_{100}^{(21)})^2m_{221}^{(22)} + 2m_{000}^{(10)}(m_{100}^{(21)})^2m_{212}^{(21)}\\
&+m_{000}^{(10)}(m_{100}^{(21)})^2m_{203}^{(11)} + 4m_{000}^{(10)}(m_{100}^{(21)})^2m_{122}^{(20)} - 4m_{000}^{(10)}(m_{100}^{(21)})^2m_{113}^{(10)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{230}^{(22)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{221}^{(21)} - 4m_{000}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{212}^{(11)}\\
&-6m_{000}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{131}^{(20)} + 6m_{000}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{122}^{(10)} + m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(00)}m_{122}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(00)}m_{113}^{(21)} + m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(00)}m_{104}^{(11)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{212}^{(22)}\\
&+4m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{113}^{(20)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{014}^{(00)} - m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(11)}m_{302}^{(22)}
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&+2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(11)}m_{203}^{(20)} - m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(11)}m_{104}^{(00)} + 4m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{212}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{203}^{(11)} - 4m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{122}^{(20)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{023}^{(00)}\\
&+4m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(21)}m_{311}^{(22)} - 8m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(21)}m_{212}^{(20)} + 4m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(21)}m_{113}^{(00)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{320}^{(22)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{311}^{(21)} + m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{302}^{(11)}\\
&+6m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{221}^{(20)} - 3m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{122}^{(00)} + m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(00)}m_{131}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(00)}m_{122}^{(21)} + m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(00)}m_{113}^{(11)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{203}^{(11)}\\
&-4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{113}^{(10)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{023}^{(00)} - m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{311}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{302}^{(21)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{203}^{(10)} + m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{113}^{(00)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{230}^{(22)} + 4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{221}^{(21)} - 4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{212}^{(11)}\\
&+4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{122}^{(10)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{032}^{(00)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{320}^{(22)}\\
&-4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{311}^{(21)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{302}^{(11)} + 8m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{212}^{(10)}\\
&-4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{122}^{(00)} + 3m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{311}^{(11)} - 6m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{221}^{(10)}\\
&+3m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{131}^{(00)} - 2m_{000}^{(10)}(m_{100}^{(22)})^2m_{230}^{(21)} + 2m_{000}^{(10)}(m_{100}^{(22)})^2m_{221}^{(11)}\\
&+2m_{000}^{(10)}(m_{100}^{(22)})^2m_{140}^{(20)} - 2m_{000}^{(10)}(m_{100}^{(22)})^2m_{131}^{(10)} - m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(00)}m_{131}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(00)}m_{122}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(00)}m_{113}^{(11)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{212}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{203}^{(11)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{122}^{(20)} + m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{023}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{311}^{(22)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{212}^{(20)} + m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{113}^{(00)}\\
&+2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{230}^{(22)} - 6m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{221}^{(21)} + 3m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{212}^{(11)}\\
&+2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{131}^{(20)} - m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{032}^{(00)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{320}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{311}^{(21)} + m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{302}^{(11)} + 6m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{221}^{(20)}\\
&-3m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{122}^{(00)} + 4m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(22)}m_{320}^{(21)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(22)}m_{311}^{(11)}\\
&-4m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(22)}m_{230}^{(20)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(22)}m_{131}^{(00)} - m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{212}^{(11)}\\
&+2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{122}^{(10)} - m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{032}^{(00)} - m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{302}^{(11)}\\
&+2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{212}^{(10)} - m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{122}^{(00)} + m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{221}^{(11)}\\
&-2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{131}^{(10)} + m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{041}^{(00)} + 3m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{311}^{(11)}\\
&-6m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{221}^{(10)} + 3m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{131}^{(00)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(22)}m_{320}^{(11)}\\
&+4m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(22)}m_{230}^{(10)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(22)}m_{140}^{(00)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(10)}m_{113}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(10)}m_{104}^{(21)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(10)}m_{014}^{(20)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(10)}m_{005}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(11)}m_{203}^{(22)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(11)}m_{104}^{(20)} - m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(11)}m_{005}^{(00)}\\
&-2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(20)}m_{122}^{(22)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(20)}m_{113}^{(21)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(20)}m_{023}^{(20)}\\
&-2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(20)}m_{014}^{(10)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{203}^{(21)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{113}^{(20)}\\
&-2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{104}^{(10)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{014}^{(00)} + m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{221}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{212}^{(21)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{113}^{(10)} - m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{023}^{(00)}\\
&-m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(10)}m_{122}^{(22)} + m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(10)}m_{104}^{(11)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(10)}m_{023}^{(20)}\\
&-2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(10)}m_{014}^{(10)} + m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(11)}m_{212}^{(22)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(11)}m_{113}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(11)}m_{014}^{(00)} + m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{131}^{(22)} - m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{113}^{(11)}\\
&-2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{032}^{(20)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{023}^{(10)} - m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{221}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{203}^{(11)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{122}^{(20)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{113}^{(10)}
\end{aligned}
$$

$$-2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{023}^{(00)}+m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{212}^{(11)}-2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{122}^{(10)}$$
$$+m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{032}^{(00)}-m_{000}^{(10)}(m_{010}^{(10)})^2m_{203}^{(22)}+2m_{000}^{(10)}(m_{010}^{(10)})^2m_{104}^{(20)}$$
$$-m_{000}^{(10)}(m_{010}^{(10)})^2m_{005}^{(00)}-2m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{212}^{(22)}+4m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{203}^{(21)}$$
$$-4m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{104}^{(10)}+2m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{014}^{(00)}+2m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(21)}m_{302}^{(22)}$$
$$-4m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(21)}m_{203}^{(20)}+2m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(21)}m_{104}^{(00)}-2m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{302}^{(21)}$$
$$+2m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{212}^{(20)}+2m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{203}^{(10)}-2m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{113}^{(00)}$$
$$-m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{122}^{(22)}+m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{104}^{(11)}+2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{023}^{(20)}$$
$$-2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{014}^{(10)}+2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(10)}m_{212}^{(22)}-4m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(10)}m_{113}^{(20)}$$
$$+2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(10)}m_{014}^{(00)}-m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(11)}m_{302}^{(22)}+2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(11)}m_{203}^{(20)}$$
$$-m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(11)}m_{104}^{(00)}-2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{203}^{(11)}+4m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{113}^{(10)}$$
$$-2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{023}^{(00)}+m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{302}^{(11)}-2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{212}^{(10)}$$
$$+m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{122}^{(00)}+2m_{000}^{(10)}m_{010}^{(11)}m_{010}^{(20)}m_{302}^{(22)}-4m_{000}^{(10)}m_{010}^{(11)}m_{010}^{(20)}m_{203}^{(20)}$$
$$+2m_{000}^{(10)}m_{010}^{(11)}m_{010}^{(20)}m_{104}^{(00)}-m_{000}^{(10)}m_{010}^{(11)}m_{010}^{(22)}m_{401}^{(22)}+2m_{000}^{(10)}m_{010}^{(11)}m_{010}^{(22)}m_{302}^{(20)}$$
$$-m_{000}^{(10)}m_{010}^{(11)}m_{010}^{(22)}m_{203}^{(00)}+m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{212}^{(22)}-2m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{113}^{(20)}$$
$$+m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{014}^{(00)}-m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(10)}m_{302}^{(22)}+2m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(10)}m_{203}^{(20)}$$
$$-m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(10)}m_{104}^{(00)}-m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{311}^{(22)}+2m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{212}^{(20)}$$
$$-m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{113}^{(00)}+m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(21)}m_{401}^{(22)}-2m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(21)}m_{302}^{(20)}$$
$$+m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(21)}m_{203}^{(00)}+3m_{000}^{(10)}(m_{010}^{(20)})^2m_{221}^{(22)}-4m_{000}^{(10)}(m_{010}^{(20)})^2m_{212}^{(21)}$$
$$-2m_{000}^{(10)}(m_{010}^{(20)})^2m_{122}^{(20)}+4m_{000}^{(10)}(m_{010}^{(20)})^2m_{113}^{(10)}-m_{000}^{(10)}(m_{010}^{(20)})^2m_{023}^{(00)}$$
$$-2m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{311}^{(22)}-4m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{302}^{(21)}+8m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{212}^{(20)}$$
$$+4m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{203}^{(10)}-6m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{113}^{(00)}-2m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{320}^{(22)}$$
$$+6m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{311}^{(21)}-2m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{221}^{(20)}-6m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{212}^{(10)}$$
$$+4m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{122}^{(00)}+m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{131}^{(22)}-m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{113}^{(11)}$$
$$-2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{032}^{(20)}+2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{023}^{(10)}-2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{203}^{(11)}$$
$$+4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{113}^{(10)}-2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{023}^{(00)}-m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{311}^{(22)}$$
$$+2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{212}^{(20)}-m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{113}^{(00)}-2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{230}^{(22)}$$
$$+4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{212}^{(11)}+4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{131}^{(20)}-8m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{122}^{(10)}$$
$$+2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{032}^{(00)}+2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{320}^{(22)}+2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{302}^{(11)}$$
$$-4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{221}^{(20)}-4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{212}^{(10)}+4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{122}^{(00)}$$
$$-3m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{311}^{(11)}+6m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{221}^{(10)}-3m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{131}^{(00)}$$
$$-m_{000}^{(10)}(m_{010}^{(21)})^2m_{401}^{(22)}+2m_{000}^{(10)}(m_{010}^{(21)})^2m_{302}^{(20)}-m_{000}^{(10)}(m_{010}^{(21)})^2m_{203}^{(00)}$$
$$+2m_{000}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{410}^{(22)}+2m_{000}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{401}^{(21)}-6m_{000}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{311}^{(20)}$$
$$-2m_{000}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{302}^{(10)}+4m_{000}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{212}^{(00)}-m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{221}^{(22)}$$
$$-m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{203}^{(11)}+2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{122}^{(20)}+2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{113}^{(10)}$$
$$-2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{023}^{(00)}+m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(11)}m_{401}^{(22)}-2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(11)}m_{302}^{(20)}$$
$$+m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(11)}m_{203}^{(00)}+2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{320}^{(22)}+2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{302}^{(11)}$$
$$-4m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{221}^{(20)}-4m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{212}^{(10)}+4m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{122}^{(00)}$$
$$-2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(21)}m_{410}^{(22)}+4m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(21)}m_{311}^{(20)}-2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(21)}m_{212}^{(00)}$$

$$-m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{401}^{(11)}+2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{311}^{(10)}-m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{221}^{(00)}$$
$$-2m_{000}^{(10)}(m_{010}^{(22)})^2m_{410}^{(21)}+2m_{000}^{(10)}(m_{010}^{(22)})^2m_{320}^{(20)}+2m_{000}^{(10)}(m_{010}^{(22)})^2m_{311}^{(10)}$$
$$-2m_{000}^{(10)}(m_{010}^{(22)})^2m_{221}^{(00)}+m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{212}^{(11)}-2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{122}^{(10)}$$
$$+m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{032}^{(00)}+m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{302}^{(11)}-2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{212}^{(10)}$$
$$+m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{122}^{(00)}-3m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{311}^{(11)}+6m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{221}^{(10)}$$
$$-3m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{131}^{(00)}-m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{401}^{(11)}+2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{311}^{(10)}$$
$$-m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{221}^{(00)}+2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(22)}m_{410}^{(11)}-4m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(22)}m_{320}^{(10)}$$
$$+2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(22)}m_{230}^{(00)}+2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(10)}m_{122}^{(21)}-2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(10)}m_{113}^{(11)}$$
$$-2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(10)}m_{032}^{(20)}+2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(10)}m_{023}^{(10)}-2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{212}^{(21)}$$
$$+m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{203}^{(11)}+2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{122}^{(20)}-m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{023}^{(00)}$$
$$-2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(20)}m_{131}^{(21)}+2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(20)}m_{122}^{(11)}+2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(20)}m_{041}^{(20)}$$
$$-2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(20)}m_{032}^{(10)}+2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{221}^{(21)}-2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{131}^{(20)}$$
$$-2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{122}^{(10)}+2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{032}^{(00)}-m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{221}^{(11)}$$
$$+2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{131}^{(10)}-m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{041}^{(00)}-2m_{000}^{(10)}(m_{001}^{(10)})^2m_{212}^{(21)}$$
$$+m_{000}^{(10)}(m_{001}^{(10)})^2m_{203}^{(11)}+2m_{000}^{(10)}(m_{001}^{(10)})^2m_{122}^{(20)}-m_{000}^{(10)}(m_{001}^{(10)})^2m_{023}^{(00)}$$
$$+2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(11)}m_{302}^{(21)}-2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(11)}m_{212}^{(20)}-2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(11)}m_{203}^{(10)}$$
$$+2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(11)}m_{113}^{(00)}+2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{212}^{(11)}-4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{122}^{(10)}$$
$$+2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{032}^{(00)}-2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{302}^{(11)}+4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{212}^{(10)}$$
$$-2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{122}^{(00)}+2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{311}^{(21)}-2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{302}^{(11)}$$
$$-2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{221}^{(20)}+2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{212}^{(10)}-2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{401}^{(21)}$$
$$+2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{311}^{(20)}+2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{302}^{(10)}-2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{212}^{(00)}$$
$$+m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{401}^{(11)}-2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{311}^{(10)}+m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{221}^{(00)}$$
$$+2m_{000}^{(10)}(m_{001}^{(20)})^2m_{230}^{(21)}-3m_{000}^{(10)}(m_{001}^{(20)})^2m_{221}^{(11)}-2m_{000}^{(10)}(m_{001}^{(20)})^2m_{140}^{(20)}$$
$$+4m_{000}^{(10)}(m_{001}^{(20)})^2m_{131}^{(10)}-m_{000}^{(10)}(m_{001}^{(20)})^2m_{041}^{(00)}-4m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{320}^{(21)}$$
$$+2m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{311}^{(11)}+4m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{230}^{(20)}-2m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{131}^{(00)}$$
$$+2m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(22)}m_{320}^{(11)}-4m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(22)}m_{230}^{(10)}+2m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(22)}m_{140}^{(00)}$$
$$+2m_{000}^{(10)}(m_{001}^{(21)})^2m_{410}^{(21)}+m_{000}^{(10)}(m_{001}^{(21)})^2m_{401}^{(11)}-2m_{000}^{(10)}(m_{001}^{(21)})^2m_{320}^{(20)}$$
$$-4m_{000}^{(10)}(m_{001}^{(21)})^2m_{311}^{(10)}+3m_{000}^{(10)}(m_{001}^{(21)})^2m_{221}^{(00)}-2m_{000}^{(10)}m_{001}^{(21)}m_{001}^{(22)}m_{410}^{(11)}$$
$$+4m_{000}^{(10)}m_{001}^{(21)}m_{001}^{(22)}m_{320}^{(10)}-2m_{000}^{(10)}m_{001}^{(21)}m_{001}^{(22)}m_{230}^{(00)}-m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(10)}m_{023}^{(22)}$$
$$+2m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(10)}m_{014}^{(21)}-m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(10)}m_{005}^{(11)}+m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(20)}m_{032}^{(22)}$$
$$-2m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(20)}m_{023}^{(21)}+m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(20)}m_{014}^{(11)}+m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(21)}m_{122}^{(22)}$$
$$-2m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(21)}m_{113}^{(21)}+m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(21)}m_{104}^{(11)}-m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(22)}m_{131}^{(22)}$$
$$+2m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(22)}m_{122}^{(21)}-m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(22)}m_{113}^{(11)}+m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(00)}m_{023}^{(22)}$$
$$-2m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(00)}m_{014}^{(21)}+m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(00)}m_{005}^{(11)}-2m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(20)}m_{122}^{(22)}$$
$$+4m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(20)}m_{113}^{(21)}-2m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(20)}m_{104}^{(11)}+m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(22)}m_{221}^{(22)}$$
$$-2m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(22)}m_{212}^{(21)}+m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(22)}m_{203}^{(11)}-m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(00)}m_{032}^{(22)}$$
$$+2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(00)}m_{023}^{(21)}-m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(00)}m_{014}^{(11)}+m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(10)}m_{122}^{(22)}$$
$$-2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(10)}m_{113}^{(21)}+m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(10)}m_{104}^{(11)}+m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(20)}m_{131}^{(22)}$$

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\begin{aligned}
&-2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(20)}m_{122}^{(21)}+m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(20)}m_{113}^{(11)}-m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(21)}m_{221}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(21)}m_{212}^{(21)}-m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(21)}m_{203}^{(11)}+m_{000}^{(11)}(m_{100}^{(10)})^2m_{113}^{(22)}\\
&-m_{000}^{(11)}(m_{100}^{(10)})^2m_{104}^{(21)}-m_{000}^{(11)}(m_{100}^{(10)})^2m_{014}^{(20)}+m_{000}^{(11)}(m_{100}^{(10)})^2m_{005}^{(10)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(20)}m_{113}^{(21)}+2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(20)}m_{104}^{(11)}+2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(20)}m_{023}^{(20)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(20)}m_{014}^{(10)}-2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(21)}m_{212}^{(22)}+2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(21)}m_{203}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(21)}m_{113}^{(20)}-2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(21)}m_{104}^{(10)}+m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{221}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{203}^{(11)}-2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{122}^{(20)}+2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{113}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(10)}m_{203}^{(22)}+2m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(10)}m_{104}^{(20)}-m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(10)}m_{005}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(20)}m_{212}^{(22)}-2m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(20)}m_{113}^{(20)}+m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(20)}m_{014}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(21)}m_{302}^{(22)}-2m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(21)}m_{203}^{(20)}+m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(21)}m_{104}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(22)}m_{311}^{(22)}+2m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(22)}m_{212}^{(20)}-m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(22)}m_{113}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(00)}m_{122}^{(22)}-2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(00)}m_{113}^{(21)}+m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(00)}m_{104}^{(11)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(10)}m_{212}^{(22)}+2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(10)}m_{203}^{(21)}-2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(10)}m_{104}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(10)}m_{014}^{(00)}-m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{221}^{(22)}+2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{212}^{(21)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{203}^{(11)}+2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{113}^{(10)}-m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{023}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(21)}m_{311}^{(22)}-2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(21)}m_{302}^{(21)}+2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(21)}m_{203}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(21)}m_{113}^{(00)}+m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(22)}m_{302}^{(11)}-2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(22)}m_{212}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(22)}m_{122}^{(00)}-m_{000}^{(11)}(m_{100}^{(20)})^2m_{131}^{(22)}+3m_{000}^{(11)}(m_{100}^{(20)})^2m_{122}^{(21)}\\
&-2m_{000}^{(11)}(m_{100}^{(20)})^2m_{113}^{(11)}-m_{000}^{(11)}(m_{100}^{(20)})^2m_{032}^{(20)}+m_{000}^{(11)}(m_{100}^{(20)})^2m_{023}^{(10)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{212}^{(21)}-2m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{203}^{(11)}-2m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{122}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{113}^{(10)}+m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{230}^{(22)}-4m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{221}^{(21)}\\
&+3m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{212}^{(11)}+2m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{131}^{(20)}-2m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{122}^{(10)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(00)}m_{122}^{(22)}+4m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(00)}m_{113}^{(21)}-2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(00)}m_{104}^{(11)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{212}^{(22)}-2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{113}^{(20)}+m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{014}^{(00)}\\
&+3m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{221}^{(22)}-8m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{212}^{(21)}+4m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{203}^{(11)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{122}^{(20)}-m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{023}^{(00)}-m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{311}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{212}^{(20)}-m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{113}^{(00)}-m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{320}^{(22)}\\
&+4m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{311}^{(21)}-2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{302}^{(11)}-2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{221}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{122}^{(00)}+m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(00)}m_{131}^{(22)}-2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(00)}m_{122}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(00)}m_{113}^{(11)}-m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{221}^{(22)}+2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{212}^{(21)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{203}^{(11)}+2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{113}^{(10)}-m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{023}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(20)}m_{230}^{(22)}+2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(20)}m_{221}^{(21)}-2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(20)}m_{122}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(20)}m_{032}^{(00)}+m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{320}^{(22)}-2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{311}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{302}^{(11)}-2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{212}^{(10)}+m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{122}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{311}^{(11)}+2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{221}^{(10)}-m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{131}^{(00)}\\
&+m_{000}^{(11)}(m_{100}^{(21)})^2m_{311}^{(22)}-m_{000}^{(11)}(m_{100}^{(21)})^2m_{302}^{(21)}-m_{000}^{(11)}(m_{100}^{(21)})^2m_{212}^{(20)}\\
&+m_{000}^{(11)}(m_{100}^{(21)})^2m_{203}^{(10)}-m_{000}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{320}^{(22)}+m_{000}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{302}^{(11)}\\
&+2m_{000}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{221}^{(20)}-2m_{000}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{212}^{(10)}+m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(10)}m_{302}^{(22)}
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&-2m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(10)}m_{203}^{(20)} + m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(10)}m_{104}^{(00)} - m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{311}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{212}^{(20)} - m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{113}^{(00)} - m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(21)}m_{401}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(21)}m_{302}^{(20)} - m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(21)}m_{203}^{(00)} + m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(22)}m_{410}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(22)}m_{311}^{(20)} + m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(22)}m_{212}^{(00)} - m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{221}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{212}^{(21)} - m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{203}^{(11)} + m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{311}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{302}^{(21)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{203}^{(10)} - m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{113}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{320}^{(22)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{311}^{(21)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{302}^{(11)}\\
&-2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{212}^{(10)} + m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{122}^{(00)} - m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(21)}m_{410}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(21)}m_{401}^{(21)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(21)}m_{302}^{(10)} + m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(21)}m_{212}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{401}^{(11)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{311}^{(10)} - m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{221}^{(00)}\\
&+m_{000}^{(11)}(m_{100}^{(22)})^2m_{320}^{(21)} - m_{000}^{(11)}(m_{100}^{(22)})^2m_{311}^{(11)} - m_{000}^{(11)}(m_{100}^{(22)})^2m_{230}^{(20)}\\
&+m_{000}^{(11)}(m_{100}^{(22)})^2m_{221}^{(10)} + m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{221}^{(22)} - 2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{212}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{203}^{(11)} - m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{311}^{(22)} + 2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{212}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{113}^{(00)} - m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{320}^{(22)} + 4m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{311}^{(21)}\\
&-2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{302}^{(11)} - 2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{221}^{(20)} + m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{122}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{410}^{(22)} - 2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{311}^{(20)} + m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{212}^{(00)}\\
&-2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(22)}m_{410}^{(21)} + m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(22)}m_{401}^{(11)} + 2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(22)}m_{320}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(22)}m_{221}^{(00)} + m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(10)}m_{302}^{(11)} - 2m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(10)}m_{212}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(10)}m_{122}^{(00)} - m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(20)}m_{311}^{(11)} + 2m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(20)}m_{221}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(20)}m_{131}^{(00)} - m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(21)}m_{401}^{(11)} + 2m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(21)}m_{311}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(21)}m_{221}^{(00)} + m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(22)}m_{410}^{(11)} - 2m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(22)}m_{320}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(22)}m_{230}^{(00)} - m_{000}^{(11)}(m_{010}^{(00)})^2m_{113}^{(22)} + m_{000}^{(11)}(m_{010}^{(00)})^2m_{104}^{(21)}\\
&+m_{000}^{(11)}(m_{010}^{(00)})^2m_{014}^{(20)} - m_{000}^{(11)}(m_{010}^{(00)})^2m_{005}^{(10)} + m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(10)}m_{203}^{(22)}\\
&-2m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(10)}m_{104}^{(20)} + m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(10)}m_{005}^{(00)} + 3m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(20)}m_{212}^{(22)}\\
&-4m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(20)}m_{203}^{(21)} - 2m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(20)}m_{113}^{(20)} + 4m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(20)}m_{104}^{(10)}\\
&-m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(20)}m_{014}^{(00)} - m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(21)}m_{302}^{(22)} + 2m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(21)}m_{203}^{(20)}\\
&-m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(21)}m_{104}^{(00)} - m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(22)}m_{311}^{(22)} + 2m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(22)}m_{302}^{(21)}\\
&-2m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(22)}m_{203}^{(10)} + m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(22)}m_{113}^{(00)} + m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(00)}m_{122}^{(22)}\\
&-m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(00)}m_{104}^{(11)} - 2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(00)}m_{023}^{(20)} + 2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(00)}m_{014}^{(10)}\\
&-m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(10)}m_{212}^{(22)} + 2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(10)}m_{113}^{(20)} - m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(10)}m_{014}^{(00)}\\
&-m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{221}^{(22)} + 2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{203}^{(11)} + 2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{122}^{(20)}\\
&-4m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{113}^{(10)} + m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{023}^{(00)} + m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(21)}m_{311}^{(22)}\\
&-2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(21)}m_{212}^{(20)} + m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(21)}m_{113}^{(00)} - m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(22)}m_{302}^{(11)}\\
&+2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(22)}m_{212}^{(10)} - m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(22)}m_{122}^{(00)} - 2m_{000}^{(11)}m_{010}^{(10)}m_{010}^{(20)}m_{302}^{(22)}\\
&+4m_{000}^{(11)}m_{010}^{(10)}m_{010}^{(20)}m_{203}^{(20)} - 2m_{000}^{(11)}m_{010}^{(10)}m_{010}^{(20)}m_{104}^{(00)} + m_{000}^{(11)}m_{010}^{(10)}m_{010}^{(22)}m_{401}^{(22)}\\
&-2m_{000}^{(11)}m_{010}^{(10)}m_{010}^{(22)}m_{302}^{(20)} + m_{000}^{(11)}m_{010}^{(10)}m_{010}^{(22)}m_{203}^{(00)} - m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{212}^{(22)}\\
&+2m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{113}^{(20)} - m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{014}^{(00)} + m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(10)}m_{302}^{(22)}\\
&-2m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(10)}m_{203}^{(20)} + m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(10)}m_{104}^{(00)} + m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{311}^{(22)}
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&-2m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{212}^{(20)} + m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{113}^{(00)} - m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(21)}m_{401}^{(22)}\\
&+2m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(21)}m_{302}^{(20)} - m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(21)}m_{203}^{(00)} - 2m_{000}^{(11)}(m_{010}^{(20)})^2m_{311}^{(22)}\\
&+4m_{000}^{(11)}(m_{010}^{(20)})^2m_{302}^{(21)} - 4m_{000}^{(11)}(m_{010}^{(20)})^2m_{203}^{(10)} + 2m_{000}^{(11)}(m_{010}^{(20)})^2m_{113}^{(00)}\\
&+2m_{000}^{(11)}m_{010}^{(20)}m_{010}^{(21)}m_{401}^{(22)} - 4m_{000}^{(11)}m_{010}^{(20)}m_{010}^{(21)}m_{302}^{(20)} + 2m_{000}^{(11)}m_{010}^{(20)}m_{010}^{(21)}m_{203}^{(00)}\\
&+m_{000}^{(11)}m_{010}^{(20)}m_{010}^{(22)}m_{410}^{(22)} - 4m_{000}^{(11)}m_{010}^{(20)}m_{010}^{(22)}m_{401}^{(21)} + 2m_{000}^{(11)}m_{010}^{(20)}m_{010}^{(22)}m_{311}^{(20)}\\
&+4m_{000}^{(11)}m_{010}^{(20)}m_{010}^{(22)}m_{302}^{(10)} - 3m_{000}^{(11)}m_{010}^{(20)}m_{010}^{(22)}m_{212}^{(00)} - m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{221}^{(22)}\\
&+2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{203}^{(11)} + 2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{122}^{(20)} - 4m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{113}^{(10)}\\
&+m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{023}^{(00)} + m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{311}^{(22)} - 2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{212}^{(20)}\\
&+m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{113}^{(00)} + m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{320}^{(22)} - 4m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{302}^{(11)}\\
&-2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{221}^{(20)} + 8m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{212}^{(10)} - 3m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{122}^{(00)}\\
&-m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{410}^{(22)} + 2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{311}^{(20)} - m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{212}^{(00)}\\
&+2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{401}^{(11)} - 4m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{311}^{(10)} + 2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{221}^{(00)}\\
&-m_{000}^{(11)}m_{010}^{(21)}m_{010}^{(22)}m_{500}^{(22)} + 2m_{000}^{(11)}m_{010}^{(21)}m_{010}^{(22)}m_{401}^{(20)} - m_{000}^{(11)}m_{010}^{(21)}m_{010}^{(22)}m_{302}^{(00)}\\
&+m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{311}^{(22)} - 2m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{212}^{(20)} + m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{113}^{(00)}\\
&-m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(10)}m_{401}^{(22)} + 2m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(10)}m_{302}^{(20)} - m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(10)}m_{203}^{(00)}\\
&-m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{410}^{(22)} + 2m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{311}^{(20)} - m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{212}^{(00)}\\
&+m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(21)}m_{500}^{(22)} - 2m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(21)}m_{401}^{(20)} + m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(21)}m_{302}^{(00)}\\
&+m_{000}^{(11)}(m_{010}^{(22)})^2m_{500}^{(21)} - m_{000}^{(11)}(m_{010}^{(22)})^2m_{410}^{(20)} - m_{000}^{(11)}(m_{010}^{(22)})^2m_{401}^{(10)}\\
&+m_{000}^{(11)}(m_{010}^{(22)})^2m_{311}^{(00)} - m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{302}^{(11)} + 2m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{212}^{(10)}\\
&-m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{122}^{(00)} + 2m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{401}^{(11)} - 4m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{311}^{(10)}\\
&+2m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{221}^{(00)} - m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(22)}m_{500}^{(11)} + 2m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(22)}m_{410}^{(10)}\\
&-m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(22)}m_{320}^{(00)} - m_{000}^{(11)}(m_{001}^{(00)})^2m_{122}^{(21)} + m_{000}^{(11)}(m_{001}^{(00)})^2m_{113}^{(11)}\\
&+m_{000}^{(11)}(m_{001}^{(00)})^2m_{032}^{(20)} - m_{000}^{(11)}(m_{001}^{(00)})^2m_{023}^{(10)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{212}^{(21)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{203}^{(11)} - 2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{122}^{(20)} + m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{023}^{(00)}\\
&+2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{221}^{(21)} - 3m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{212}^{(11)} - 2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{131}^{(20)}\\
&+4m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{122}^{(10)} - m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{032}^{(00)} - 2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{311}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{302}^{(11)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{221}^{(20)} - m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{122}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{311}^{(11)} - 2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{221}^{(10)} + m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{131}^{(00)}\\
&-m_{000}^{(11)}(m_{001}^{(10)})^2m_{302}^{(21)} + m_{000}^{(11)}(m_{001}^{(10)})^2m_{212}^{(20)} + m_{000}^{(11)}(m_{001}^{(10)})^2m_{203}^{(10)}\\
&-m_{000}^{(11)}(m_{001}^{(10)})^2m_{113}^{(00)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{311}^{(21)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{302}^{(11)}\\
&+2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{221}^{(20)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{212}^{(10)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{401}^{(21)}\\
&-2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{311}^{(20)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{302}^{(10)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{212}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{401}^{(11)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{311}^{(10)} - m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{221}^{(00)}\\
&-m_{000}^{(11)}(m_{001}^{(20)})^2m_{320}^{(21)} + 2m_{000}^{(11)}(m_{001}^{(20)})^2m_{311}^{(11)} + m_{000}^{(11)}(m_{001}^{(20)})^2m_{230}^{(20)}\\
&-3m_{000}^{(11)}(m_{001}^{(20)})^2m_{221}^{(10)} + m_{000}^{(11)}(m_{001}^{(20)})^2m_{131}^{(00)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{410}^{(21)}\\
&-2m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{401}^{(11)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{320}^{(20)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{311}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(22)}m_{410}^{(11)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(22)}m_{320}^{(10)} - m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(22)}m_{230}^{(00)}\\
&-m_{000}^{(11)}(m_{001}^{(21)})^2m_{500}^{(21)} + m_{000}^{(11)}(m_{001}^{(21)})^2m_{410}^{(20)} + m_{000}^{(11)}(m_{001}^{(21)})^2m_{401}^{(10)}
\end{aligned}
$$

$$-m_{000}^{(11)}(m_{001}^{(21)})^2m_{311}^{(00)}+m_{000}^{(11)}m_{001}^{(21)}m_{001}^{(22)}m_{500}^{(11)}-2m_{000}^{(11)}m_{001}^{(21)}m_{001}^{(22)}m_{410}^{(10)}$$
$$+m_{000}^{(11)}m_{001}^{(21)}m_{001}^{(22)}m_{320}^{(00)}-m_{000}^{(20)}m_{100}^{(00)}m_{100}^{(11)}m_{032}^{(22)}+2m_{000}^{(20)}m_{100}^{(00)}m_{100}^{(11)}m_{023}^{(21)}$$
$$-m_{000}^{(20)}m_{100}^{(00)}m_{100}^{(11)}m_{014}^{(11)}+2m_{000}^{(20)}m_{100}^{(00)}m_{100}^{(21)}m_{041}^{(22)}-4m_{000}^{(20)}m_{100}^{(00)}m_{100}^{(21)}m_{032}^{(21)}$$
$$+2m_{000}^{(20)}m_{100}^{(00)}m_{100}^{(21)}m_{023}^{(11)}-m_{000}^{(20)}m_{100}^{(00)}m_{100}^{(22)}m_{050}^{(22)}+2m_{000}^{(20)}m_{100}^{(00)}m_{100}^{(22)}m_{041}^{(21)}$$
$$-m_{000}^{(20)}m_{100}^{(00)}m_{100}^{(22)}m_{032}^{(11)}+m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(10)}m_{032}^{(22)}-2m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(10)}m_{023}^{(21)}$$
$$+m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(10)}m_{014}^{(11)}-m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(20)}m_{041}^{(22)}+2m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(20)}m_{032}^{(21)}$$
$$-m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(20)}m_{023}^{(11)}-m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(21)}m_{131}^{(22)}+2m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(21)}m_{122}^{(21)}$$
$$-m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(21)}m_{113}^{(11)}+m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(22)}m_{140}^{(22)}-2m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(22)}m_{131}^{(21)}$$
$$+m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(22)}m_{122}^{(11)}-m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(10)}m_{041}^{(22)}+2m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(10)}m_{032}^{(21)}$$
$$-m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(10)}m_{023}^{(11)}+m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(11)}m_{131}^{(22)}-2m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(11)}m_{122}^{(21)}$$
$$+m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(11)}m_{113}^{(11)}+m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(20)}m_{050}^{(22)}-2m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(20)}m_{041}^{(21)}$$
$$+m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(20)}m_{032}^{(11)}-m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(21)}m_{140}^{(22)}+2m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(21)}m_{131}^{(21)}$$
$$-m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(21)}m_{122}^{(11)}-m_{000}^{(20)}(m_{100}^{(10)})^2m_{032}^{(22)}+2m_{000}^{(20)}(m_{100}^{(10)})^2m_{023}^{(21)}$$
$$-m_{000}^{(20)}(m_{100}^{(10)})^2m_{014}^{(11)}+4m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(11)}m_{122}^{(22)}-6m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(11)}m_{113}^{(21)}$$
$$+2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(11)}m_{104}^{(11)}-2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(11)}m_{023}^{(20)}+2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(11)}m_{014}^{(10)}$$
$$+2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(20)}m_{041}^{(22)}-4m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(20)}m_{032}^{(21)}+2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(20)}m_{023}^{(11)}$$
$$-6m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(21)}m_{131}^{(22)}+8m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(21)}m_{122}^{(21)}-2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(21)}m_{113}^{(11)}$$
$$+4m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(21)}m_{032}^{(20)}-4m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(21)}m_{023}^{(10)}+2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(22)}m_{140}^{(22)}$$
$$-2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(22)}m_{131}^{(21)}-2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(22)}m_{041}^{(20)}+2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(22)}m_{032}^{(10)}$$
$$+m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(00)}m_{032}^{(22)}-2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(00)}m_{023}^{(21)}+m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(00)}m_{014}^{(11)}$$
$$-2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(10)}m_{122}^{(22)}+4m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(10)}m_{113}^{(21)}-2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(10)}m_{104}^{(11)}$$
$$-m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(11)}m_{212}^{(22)}+2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(11)}m_{113}^{(20)}-m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(11)}m_{014}^{(00)}$$
$$+4m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{221}^{(22)}-4m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{212}^{(21)}+2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{203}^{(11)}$$
$$-4m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{122}^{(20)}+2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{023}^{(00)}-2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(22)}m_{230}^{(22)}$$
$$+2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(22)}m_{221}^{(21)}-m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(22)}m_{212}^{(11)}+2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(22)}m_{131}^{(20)}$$
$$-m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(22)}m_{032}^{(00)}-m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(00)}m_{041}^{(22)}+2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(00)}m_{032}^{(21)}$$
$$-m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(00)}m_{023}^{(11)}+4m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(10)}m_{131}^{(22)}-8m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(10)}m_{122}^{(21)}$$
$$+4m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(10)}m_{113}^{(11)}-3m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(11)}m_{221}^{(22)}+6m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(11)}m_{212}^{(21)}$$
$$-2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(11)}m_{203}^{(11)}-2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(11)}m_{113}^{(10)}+m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(11)}m_{023}^{(00)}$$
$$-2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(20)}m_{140}^{(22)}+4m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(20)}m_{131}^{(21)}-2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(20)}m_{122}^{(11)}$$
$$+2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(21)}m_{230}^{(22)}-4m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(21)}m_{221}^{(21)}+4m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(21)}m_{122}^{(10)}$$
$$-2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(21)}m_{032}^{(00)}+m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(22)}m_{221}^{(11)}-2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(22)}m_{131}^{(10)}$$
$$+m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(22)}m_{041}^{(00)}-2m_{000}^{(20)}(m_{100}^{(11)})^2m_{212}^{(22)}+2m_{000}^{(20)}(m_{100}^{(11)})^2m_{203}^{(21)}$$
$$+2m_{000}^{(20)}(m_{100}^{(11)})^2m_{113}^{(20)}-2m_{000}^{(20)}(m_{100}^{(11)})^2m_{104}^{(10)}-2m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(11)}m_{131}^{(22)}$$
$$+2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(20)}m_{122}^{(21)}+2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(20)}m_{032}^{(20)}-2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(20)}m_{023}^{(10)}$$
$$+4m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(21)}m_{221}^{(22)}-2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(21)}m_{212}^{(21)}-2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(21)}m_{203}^{(11)}$$
$$-6m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(21)}m_{122}^{(20)}+6m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(21)}m_{113}^{(10)}-m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(22)}m_{230}^{(22)}$$
$$+m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(22)}m_{212}^{(11)}+2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(22)}m_{131}^{(20)}-2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(22)}m_{122}^{(10)}$$

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\begin{aligned}
&-m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(10)}m_{212}^{(22)}+2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(10)}m_{113}^{(20)}-m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(10)}m_{014}^{(00)}\\
&+2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(11)}m_{302}^{(22)}-4m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(11)}m_{203}^{(20)}+2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(11)}m_{104}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(20)}m_{221}^{(22)}-2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(20)}m_{122}^{(20)}+m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(20)}m_{023}^{(00)}\\
&-3m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(21)}m_{311}^{(22)}+6m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(21)}m_{212}^{(20)}-3m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(21)}m_{113}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(22)}m_{320}^{(22)}-2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(22)}m_{221}^{(20)}+m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(22)}m_{122}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(00)}m_{131}^{(22)}-2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(00)}m_{122}^{(21)}+m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(00)}m_{113}^{(11)}\\
&-3m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(10)}m_{221}^{(22)}+6m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(10)}m_{212}^{(21)}-2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(10)}m_{203}^{(11)}\\
&-2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(10)}m_{113}^{(10)}+m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(10)}m_{023}^{(00)}+2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(11)}m_{311}^{(22)}\\
&-4m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(11)}m_{302}^{(21)}+4m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(11)}m_{203}^{(10)}-2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(11)}m_{113}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(20)}m_{230}^{(22)}-2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(20)}m_{221}^{(21)}+2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(20)}m_{122}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(20)}m_{032}^{(00)}-m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(21)}m_{320}^{(22)}+2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(21)}m_{311}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(21)}m_{302}^{(11)}-6m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(21)}m_{212}^{(10)}+3m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(21)}m_{122}^{(00)}\\
&-m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(22)}m_{311}^{(11)}+2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(22)}m_{221}^{(10)}-m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(22)}m_{131}^{(00)}\\
&-m_{000}^{(20)}(m_{100}^{(20)})^2m_{050}^{(22)}+2m_{000}^{(20)}(m_{100}^{(20)})^2m_{041}^{(21)}-m_{000}^{(20)}(m_{100}^{(20)})^2m_{032}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(21)}m_{140}^{(22)}-2m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(21)}m_{122}^{(11)}-4m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(21)}m_{041}^{(20)}\\
&+4m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(21)}m_{032}^{(10)}-2m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(22)}m_{140}^{(21)}+2m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(22)}m_{131}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(22)}m_{050}^{(20)}-2m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(22)}m_{041}^{(10)}-m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(00)}m_{041}^{(22)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(00)}m_{032}^{(21)}-m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(00)}m_{023}^{(11)}+m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{221}^{(22)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{122}^{(20)}+m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{023}^{(00)}+2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(20)}m_{140}^{(22)}\\
&-4m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(20)}m_{131}^{(21)}+2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(20)}m_{122}^{(11)}-2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{230}^{(22)}\\
&+4m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{131}^{(20)}-2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{032}^{(00)}+2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(22)}m_{230}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(22)}m_{221}^{(11)}-2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(22)}m_{140}^{(20)}+m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(22)}m_{041}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(00)}m_{050}^{(22)}-2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(00)}m_{041}^{(21)}+m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(00)}m_{032}^{(11)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(10)}m_{140}^{(22)}+4m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(10)}m_{131}^{(21)}-2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(10)}m_{122}^{(11)}\\
&+m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(11)}m_{230}^{(22)}-2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(11)}m_{221}^{(21)}+2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(11)}m_{122}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(11)}m_{032}^{(00)}+2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(21)}m_{221}^{(11)}-4m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(21)}m_{131}^{(10)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(21)}m_{041}^{(00)}-m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(22)}m_{230}^{(11)}+2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(22)}m_{140}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(22)}m_{050}^{(00)}-m_{000}^{(20)}(m_{100}^{(21)})^2m_{230}^{(22)}-2m_{000}^{(20)}(m_{100}^{(21)})^2m_{221}^{(21)}\\
&+3m_{000}^{(20)}(m_{100}^{(21)})^2m_{212}^{(11)}+4m_{000}^{(20)}(m_{100}^{(21)})^2m_{131}^{(20)}-4m_{000}^{(20)}(m_{100}^{(21)})^2m_{122}^{(10)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{100}^{(22)}m_{230}^{(21)}-2m_{000}^{(20)}m_{100}^{(21)}m_{100}^{(22)}m_{221}^{(11)}-2m_{000}^{(20)}m_{100}^{(21)}m_{100}^{(22)}m_{140}^{(20)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{100}^{(22)}m_{131}^{(10)}-m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(00)}m_{131}^{(22)}+2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(00)}m_{122}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(00)}m_{113}^{(11)}+4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{221}^{(22)}-4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{212}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{203}^{(11)}-4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{122}^{(20)}+2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{023}^{(00)}\\
&-3m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{311}^{(22)}+6m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{212}^{(20)}-3m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{113}^{(00)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{230}^{(22)}+4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{131}^{(20)}-2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{032}^{(00)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{320}^{(22)}+4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{311}^{(21)}-2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{302}^{(11)}\\
&-8m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{221}^{(20)}+4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{122}^{(00)}-2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(22)}m_{320}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(22)}m_{311}^{(11)}+2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(22)}m_{230}^{(20)}-m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(22)}m_{131}^{(00)}
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&-m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(00)}m_{140}^{(22)}+2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(00)}m_{131}^{(21)}-m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(00)}m_{122}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{230}^{(22)}-4m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{221}^{(21)}+4m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{122}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{032}^{(00)}-m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(11)}m_{320}^{(22)}+2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(11)}m_{311}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(11)}m_{302}^{(11)}-6m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(11)}m_{212}^{(10)}+3m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(11)}m_{122}^{(00)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(20)}m_{221}^{(11)}-4m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(20)}m_{131}^{(10)}+2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(20)}m_{041}^{(00)}\\
&-4m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(21)}m_{311}^{(11)}+8m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(21)}m_{221}^{(10)}-4m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(21)}m_{131}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(22)}m_{320}^{(11)}-2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(22)}m_{230}^{(10)}+m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(22)}m_{140}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(00)}m_{140}^{(22)}-2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(00)}m_{131}^{(21)}+m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(00)}m_{122}^{(11)}\\
&-2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{230}^{(22)}+2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{221}^{(21)}-m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{212}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{131}^{(20)}-m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{032}^{(00)}+m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{320}^{(22)}\\
&-2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{221}^{(20)}+m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{122}^{(00)}+2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(20)}m_{230}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(20)}m_{221}^{(11)}-2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(20)}m_{140}^{(20)}+m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(20)}m_{041}^{(00)}\\
&-2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(21)}m_{320}^{(21)}+m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(21)}m_{311}^{(11)}+2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(21)}m_{230}^{(20)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(21)}m_{131}^{(00)}+m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(10)}m_{221}^{(11)}-2m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(10)}m_{131}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(10)}m_{041}^{(00)}-m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(11)}m_{311}^{(11)}+2m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(11)}m_{221}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(11)}m_{131}^{(00)}-m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(20)}m_{230}^{(11)}+2m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(20)}m_{140}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(20)}m_{050}^{(00)}+m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(21)}m_{320}^{(11)}-2m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(21)}m_{230}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(21)}m_{140}^{(00)}-2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(10)}m_{122}^{(22)}+2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(10)}m_{113}^{(21)}\\
&+2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(10)}m_{023}^{(20)}-2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(10)}m_{014}^{(10)}+m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(11)}m_{212}^{(22)}\\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(11)}m_{113}^{(20)}+m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(11)}m_{014}^{(00)}+2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(20)}m_{131}^{(22)}\\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(20)}m_{122}^{(21)}-2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(20)}m_{032}^{(20)}+2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(20)}m_{023}^{(10)}\\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{212}^{(21)}+2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{122}^{(20)}+2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{113}^{(10)}\\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{023}^{(00)}-m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(22)}m_{230}^{(22)}+2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(22)}m_{221}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(22)}m_{122}^{(10)}+m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(22)}m_{032}^{(00)}+m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(10)}m_{131}^{(22)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(10)}m_{113}^{(11)}-2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(10)}m_{032}^{(20)}+2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(10)}m_{023}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(11)}m_{221}^{(22)}+2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(11)}m_{122}^{(20)}-m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(11)}m_{023}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(20)}m_{140}^{(22)}+m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(20)}m_{122}^{(11)}+2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(20)}m_{041}^{(20)}\\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(20)}m_{032}^{(10)}+m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{230}^{(22)}+m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{212}^{(11)}\\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{131}^{(20)}-2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{122}^{(10)}+2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{032}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(22)}m_{221}^{(11)}+2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(22)}m_{131}^{(10)}-m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(22)}m_{041}^{(00)}\\
&+3m_{000}^{(20)}(m_{010}^{(10)})^2m_{212}^{(22)}-2m_{000}^{(20)}(m_{010}^{(10)})^2m_{203}^{(21)}-4m_{000}^{(20)}(m_{010}^{(10)})^2m_{113}^{(20)}\\
&+2m_{000}^{(20)}(m_{010}^{(10)})^2m_{104}^{(10)}+m_{000}^{(20)}(m_{010}^{(10)})^2m_{014}^{(00)}-2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(11)}m_{302}^{(22)}\\
&+4m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(11)}m_{203}^{(20)}-2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(11)}m_{104}^{(00)}-2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{221}^{(22)}\\
&+4m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{122}^{(20)}-2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{023}^{(00)}-2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{311}^{(22)}\\
&+4m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{302}^{(21)}-4m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{203}^{(10)}+2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{113}^{(00)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{320}^{(22)}-2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{311}^{(21)}-2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{221}^{(20)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{212}^{(10)}+m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(00)}m_{131}^{(22)}-m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(00)}m_{113}^{(11)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(00)}m_{032}^{(20)}+2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(00)}m_{023}^{(10)}-4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{221}^{(22)}
\end{aligned}
$$

$$+2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{203}^{(11)}+8m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{122}^{(20)}-4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{113}^{(10)}$$
$$-2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{023}^{(00)}+3m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{311}^{(22)}-6m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{212}^{(20)}$$
$$+3m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{113}^{(00)}+2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{230}^{(22)}-4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{131}^{(20)}$$
$$+2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{032}^{(00)}-2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{320}^{(22)}-2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{302}^{(11)}$$
$$+4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{221}^{(20)}+4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{212}^{(10)}-4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{122}^{(00)}$$
$$+m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(22)}m_{311}^{(11)}-2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(22)}m_{221}^{(10)}+m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(22)}m_{131}^{(00)}$$
$$+2m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(21)}m_{401}^{(22)}-4m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(21)}m_{302}^{(20)}+2m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(21)}m_{203}^{(00)}$$
$$-m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{410}^{(22)}+2m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{311}^{(20)}-m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{212}^{(00)}$$
$$-m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{221}^{(22)}+2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{122}^{(20)}-m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{023}^{(00)}$$
$$+3m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{311}^{(22)}-6m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{212}^{(20)}+3m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{113}^{(00)}$$
$$-2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(11)}m_{401}^{(22)}+4m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(11)}m_{302}^{(20)}-2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(11)}m_{203}^{(00)}$$
$$-m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{320}^{(22)}+2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{221}^{(20)}-m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{122}^{(00)}$$
$$+m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{410}^{(22)}-2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{311}^{(20)}+m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{212}^{(00)}$$
$$-m_{000}^{(20)}(m_{010}^{(20)})^2m_{230}^{(22)}+2m_{000}^{(20)}(m_{010}^{(20)})^2m_{221}^{(21)}-2m_{000}^{(20)}(m_{010}^{(20)})^2m_{122}^{(10)}$$
$$+m_{000}^{(20)}(m_{010}^{(20)})^2m_{032}^{(00)}+2m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{320}^{(22)}-4m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{221}^{(20)}$$
$$+2m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{122}^{(00)}-2m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(22)}m_{320}^{(21)}+2m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(22)}m_{230}^{(20)}$$
$$+2m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(22)}m_{221}^{(10)}-2m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(22)}m_{131}^{(00)}-m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(00)}m_{140}^{(22)}$$
$$+m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(00)}m_{122}^{(11)}+2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(00)}m_{041}^{(20)}-2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(00)}m_{032}^{(10)}$$
$$+2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{230}^{(22)}-4m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{131}^{(20)}+2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{032}^{(00)}$$
$$-m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{320}^{(22)}+2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{221}^{(20)}-m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{122}^{(00)}$$
$$-2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(20)}m_{221}^{(11)}+4m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(20)}m_{131}^{(10)}-2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(20)}m_{041}^{(00)}$$
$$+m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(22)}m_{320}^{(11)}-2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(22)}m_{230}^{(10)}+m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(22)}m_{140}^{(00)}$$
$$-m_{000}^{(20)}(m_{010}^{(21)})^2m_{410}^{(22)}-2m_{000}^{(20)}(m_{010}^{(21)})^2m_{401}^{(21)}+4m_{000}^{(20)}(m_{010}^{(21)})^2m_{311}^{(20)}$$
$$+2m_{000}^{(20)}(m_{010}^{(21)})^2m_{302}^{(10)}-3m_{000}^{(20)}(m_{010}^{(21)})^2m_{212}^{(00)}+2m_{000}^{(20)}m_{010}^{(21)}m_{010}^{(22)}m_{410}^{(21)}$$
$$-2m_{000}^{(20)}m_{010}^{(21)}m_{010}^{(22)}m_{320}^{(20)}-2m_{000}^{(20)}m_{010}^{(21)}m_{010}^{(22)}m_{311}^{(10)}+2m_{000}^{(20)}m_{010}^{(21)}m_{010}^{(22)}m_{221}^{(00)}$$
$$+m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{230}^{(22)}+m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{212}^{(11)}-2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{131}^{(20)}$$
$$-2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{122}^{(10)}+2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{032}^{(00)}-2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{320}^{(22)}$$
$$-2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{302}^{(11)}+4m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{221}^{(20)}+4m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{212}^{(10)}$$
$$-4m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{122}^{(00)}+m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{410}^{(22)}-2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{311}^{(20)}$$
$$+m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{212}^{(00)}+2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(21)}m_{401}^{(11)}-4m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(21)}m_{311}^{(10)}$$
$$+2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(21)}m_{221}^{(00)}-m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(22)}m_{410}^{(11)}+2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(22)}m_{320}^{(10)}$$
$$-m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(22)}m_{230}^{(00)}-m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(00)}m_{221}^{(11)}+2m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(00)}m_{131}^{(10)}$$
$$-m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(00)}m_{041}^{(00)}+m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{311}^{(11)}-2m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{221}^{(10)}$$
$$+m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{131}^{(00)}+m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(20)}m_{320}^{(11)}-2m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(20)}m_{230}^{(10)}$$
$$+m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(20)}m_{140}^{(00)}-m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(21)}m_{410}^{(11)}+2m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(21)}m_{320}^{(10)}$$
$$-m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(21)}m_{230}^{(00)}-2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{131}^{(21)}+2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{122}^{(11)}$$
$$+2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{041}^{(20)}-2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{032}^{(10)}+2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{221}^{(21)}$$
$$-m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{212}^{(11)}-2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{131}^{(20)}+m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{032}^{(00)}$$

$$+2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(20)}m_{140}^{(21)} - 2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(20)}m_{131}^{(11)} - 2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(20)}m_{050}^{(20)}$$
$$+2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(20)}m_{041}^{(10)} - 2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{230}^{(21)} + 2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{140}^{(20)}$$
$$+2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{131}^{(10)} - 2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{041}^{(00)} + m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(22)}m_{230}^{(11)}$$
$$-2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(22)}m_{140}^{(10)} + m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(22)}m_{050}^{(00)} + 4m_{000}^{(20)}(m_{001}^{(10)})^2m_{221}^{(21)}$$
$$-3m_{000}^{(20)}(m_{001}^{(10)})^2m_{212}^{(11)} - 4m_{000}^{(20)}(m_{001}^{(10)})^2m_{131}^{(20)} + 2m_{000}^{(20)}(m_{001}^{(10)})^2m_{122}^{(10)}$$
$$+m_{000}^{(20)}(m_{001}^{(10)})^2m_{032}^{(00)} - 6m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{311}^{(21)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{302}^{(11)}$$
$$+6m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{221}^{(20)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{212}^{(10)} - 4m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{122}^{(00)}$$
$$-4m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{230}^{(21)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{221}^{(11)} + 4m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{140}^{(20)}$$
$$-2m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{041}^{(00)} + 4m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{320}^{(21)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{311}^{(11)}$$
$$-4m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{230}^{(20)} - 8m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{221}^{(10)} + 6m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{131}^{(00)}$$
$$-2m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(22)}m_{320}^{(11)} + 4m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(22)}m_{230}^{(10)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(22)}m_{140}^{(00)}$$
$$+2m_{000}^{(20)}(m_{001}^{(11)})^2m_{401}^{(21)} - 2m_{000}^{(20)}(m_{001}^{(11)})^2m_{311}^{(20)} - 2m_{000}^{(20)}(m_{001}^{(11)})^2m_{302}^{(10)}$$
$$+2m_{000}^{(20)}(m_{001}^{(11)})^2m_{212}^{(00)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{320}^{(21)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{230}^{(20)}$$
$$-2m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{221}^{(10)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{131}^{(00)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{410}^{(21)}$$
$$-2m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{401}^{(11)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{320}^{(20)} + 6m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{311}^{(10)}$$
$$-4m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{221}^{(00)} + m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(22)}m_{410}^{(11)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(22)}m_{320}^{(10)}$$
$$+m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(22)}m_{230}^{(00)} + m_{000}^{(20)}(m_{001}^{(20)})^2m_{230}^{(11)} - 2m_{000}^{(20)}(m_{001}^{(20)})^2m_{140}^{(10)}$$
$$+m_{000}^{(20)}(m_{001}^{(20)})^2m_{050}^{(00)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{001}^{(21)}m_{320}^{(11)} + 4m_{000}^{(20)}m_{001}^{(20)}m_{001}^{(21)}m_{230}^{(10)}$$
$$-2m_{000}^{(20)}m_{001}^{(20)}m_{001}^{(21)}m_{140}^{(00)} + m_{000}^{(20)}(m_{001}^{(21)})^2m_{410}^{(11)} - 2m_{000}^{(20)}(m_{001}^{(21)})^2m_{320}^{(10)}$$
$$+m_{000}^{(20)}(m_{001}^{(21)})^2m_{230}^{(00)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(10)}m_{032}^{(22)} - 4m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(10)}m_{023}^{(21)}$$
$$+2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(10)}m_{014}^{(11)} - m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(11)}m_{122}^{(22)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(11)}m_{113}^{(21)}$$
$$-m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(11)}m_{104}^{(11)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(20)}m_{041}^{(22)} + 4m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(20)}m_{032}^{(21)}$$
$$-2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(20)}m_{023}^{(11)} + m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(22)}m_{140}^{(22)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(22)}m_{131}^{(21)}$$
$$+m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(22)}m_{122}^{(11)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(00)}m_{032}^{(22)} + 4m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(00)}m_{023}^{(21)}$$
$$-2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(00)}m_{014}^{(11)} + m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(10)}m_{122}^{(22)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(10)}m_{113}^{(21)}$$
$$+m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(10)}m_{104}^{(11)} + 3m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(20)}m_{131}^{(22)} - 6m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(20)}m_{122}^{(21)}$$
$$+3m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(20)}m_{113}^{(11)} - m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(21)}m_{221}^{(22)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(21)}m_{212}^{(21)}$$
$$-m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(21)}m_{203}^{(11)} - m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(22)}m_{230}^{(22)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(22)}m_{221}^{(21)}$$
$$-m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(22)}m_{212}^{(11)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(00)}m_{041}^{(22)} - 4m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(00)}m_{032}^{(21)}$$
$$+2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(00)}m_{023}^{(11)} - 3m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(10)}m_{131}^{(22)} + 6m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(10)}m_{122}^{(21)}$$
$$-3m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(10)}m_{113}^{(11)} + m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(11)}m_{221}^{(22)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(11)}m_{212}^{(21)}$$
$$+m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(11)}m_{203}^{(11)} - m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(20)}m_{140}^{(22)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(20)}m_{131}^{(21)}$$
$$-m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(20)}m_{122}^{(11)} + m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{230}^{(22)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{221}^{(21)}$$
$$+m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{212}^{(11)} - 3m_{000}^{(21)}(m_{100}^{(10)})^2m_{122}^{(22)} + 4m_{000}^{(21)}(m_{100}^{(10)})^2m_{113}^{(21)}$$
$$-m_{000}^{(21)}(m_{100}^{(10)})^2m_{104}^{(11)} + 2m_{000}^{(21)}(m_{100}^{(10)})^2m_{023}^{(20)} - 2m_{000}^{(21)}(m_{100}^{(10)})^2m_{014}^{(10)}$$
$$+2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(11)}m_{212}^{(22)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(11)}m_{203}^{(21)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(11)}m_{113}^{(20)}$$
$$+2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(11)}m_{104}^{(10)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(20)}m_{131}^{(22)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(20)}m_{113}^{(11)}$$
$$-4m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(20)}m_{032}^{(20)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(20)}m_{023}^{(10)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(21)}m_{221}^{(22)}$$

$$
\begin{aligned}
&-4m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(21)}m_{212}^{(21)}+2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(21)}m_{203}^{(11)}-2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}m_{230}^{(22)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}m_{221}^{(21)}+2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}m_{131}^{(20)}-2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}m_{122}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(00)}m_{122}^{(22)}-2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(00)}m_{113}^{(21)}+m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(00)}m_{104}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(10)}m_{212}^{(22)}-4m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(10)}m_{113}^{(20)}+2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(10)}m_{014}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(11)}m_{302}^{(22)}+2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(11)}m_{203}^{(20)}-m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(11)}m_{104}^{(00)}\\
&-4m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{221}^{(22)}+4m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{212}^{(21)}-2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{203}^{(11)}\\
&+4m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{122}^{(20)}-2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{023}^{(00)}+2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(22)}m_{320}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(22)}m_{311}^{(21)}+m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(22)}m_{302}^{(11)}-2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(22)}m_{221}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(22)}m_{122}^{(00)}-3m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(00)}m_{131}^{(22)}+6m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(00)}m_{122}^{(21)}\\
&-3m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(00)}m_{113}^{(11)}+4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(10)}m_{221}^{(22)}-8m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(10)}m_{212}^{(21)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(10)}m_{203}^{(11)}+4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(10)}m_{113}^{(10)}-2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(10)}m_{023}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(11)}m_{311}^{(22)}+2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(11)}m_{302}^{(21)}-2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(11)}m_{203}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(11)}m_{113}^{(00)}+2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{230}^{(22)}-4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{221}^{(21)}\\
&+4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{212}^{(11)}-4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{122}^{(10)}+2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{032}^{(00)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{320}^{(22)}+4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{311}^{(21)}-2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{302}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(22)}m_{311}^{(11)}+2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(22)}m_{221}^{(10)}-m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(22)}m_{131}^{(00)}\\
&-2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{212}^{(21)}+2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{203}^{(11)}+2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{122}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{113}^{(10)}-2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(21)}m_{311}^{(22)}+2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(21)}m_{302}^{(21)}\\
&+2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(21)}m_{212}^{(20)}-2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(21)}m_{203}^{(10)}+m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(22)}m_{320}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(22)}m_{302}^{(11)}-2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(22)}m_{221}^{(20)}+2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(22)}m_{212}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(10)}m_{302}^{(22)}+2m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(10)}m_{203}^{(20)}-m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(10)}m_{104}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(20)}m_{311}^{(22)}-2m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(20)}m_{212}^{(20)}+m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(20)}m_{113}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(21)}m_{401}^{(22)}-2m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(21)}m_{302}^{(20)}+m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(21)}m_{203}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(22)}m_{410}^{(22)}+2m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(22)}m_{311}^{(20)}-m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(22)}m_{212}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(00)}m_{221}^{(22)}-2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(00)}m_{212}^{(21)}+m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(00)}m_{203}^{(11)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(10)}m_{311}^{(22)}+2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(10)}m_{302}^{(21)}-2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(10)}m_{203}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(10)}m_{113}^{(00)}-m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{320}^{(22)}+2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{311}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{302}^{(11)}+2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{212}^{(10)}-m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{122}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(21)}m_{410}^{(22)}-2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(21)}m_{401}^{(21)}+2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(21)}m_{302}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(21)}m_{212}^{(00)}+m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(22)}m_{401}^{(11)}-2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(22)}m_{311}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(22)}m_{221}^{(00)}+m_{000}^{(21)}(m_{100}^{(20)})^2m_{140}^{(22)}-4m_{000}^{(21)}(m_{100}^{(20)})^2m_{131}^{(21)}\\
&+3m_{000}^{(21)}(m_{100}^{(20)})^2m_{122}^{(11)}+2m_{000}^{(21)}(m_{100}^{(20)})^2m_{041}^{(20)}-2m_{000}^{(21)}(m_{100}^{(20)})^2m_{032}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{230}^{(22)}+4m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{221}^{(21)}-2m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{212}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(22)}m_{230}^{(21)}-2m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(22)}m_{221}^{(11)}-2m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(22)}m_{140}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(22)}m_{131}^{(10)}+3m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(00)}m_{131}^{(22)}-6m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(00)}m_{122}^{(21)}\\
&+3m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(00)}m_{113}^{(11)}-4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{221}^{(22)}+4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{212}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{203}^{(11)}+4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{122}^{(20)}-2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{023}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(11)}m_{311}^{(22)}-2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(11)}m_{212}^{(20)}+m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(11)}m_{113}^{(00)}
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\begin{aligned}
&-2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{230}^{(22)} + 8m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{221}^{(21)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{212}^{(11)}\\
&-4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{131}^{(20)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{032}^{(00)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{320}^{(22)}\\
&-4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{311}^{(21)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{302}^{(11)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}m_{320}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}m_{311}^{(11)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}m_{230}^{(20)} - m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}m_{131}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(00)}m_{140}^{(22)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(00)}m_{131}^{(21)} - m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(00)}m_{122}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{230}^{(22)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{221}^{(21)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{212}^{(11)}\\
&-4m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{122}^{(10)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{032}^{(00)} - m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{320}^{(22)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{311}^{(21)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{302}^{(11)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{212}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{122}^{(00)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(20)}m_{221}^{(11)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(20)}m_{131}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(20)}m_{041}^{(00)} + m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(22)}m_{320}^{(11)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(22)}m_{230}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(22)}m_{140}^{(00)} + m_{000}^{(21)}(m_{100}^{(21)})^2m_{320}^{(22)} - m_{000}^{(21)}(m_{100}^{(21)})^2m_{302}^{(11)}\\
&-2m_{000}^{(21)}(m_{100}^{(21)})^2m_{221}^{(20)} + 2m_{000}^{(21)}(m_{100}^{(21)})^2m_{212}^{(10)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{100}^{(22)}m_{320}^{(21)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{100}^{(22)}m_{311}^{(11)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{100}^{(22)}m_{230}^{(20)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{100}^{(22)}m_{221}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(00)}m_{221}^{(22)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(00)}m_{212}^{(21)} - m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(00)}m_{203}^{(11)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(11)}m_{401}^{(22)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(11)}m_{302}^{(20)} + m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(11)}m_{203}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{320}^{(22)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{311}^{(21)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{302}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(21)}m_{410}^{(22)} + 4m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(21)}m_{311}^{(20)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(21)}m_{212}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(22)}m_{410}^{(21)} - m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(22)}m_{401}^{(11)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(22)}m_{320}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(22)}m_{221}^{(00)} + m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}m_{230}^{(22)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}m_{221}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}m_{212}^{(11)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{320}^{(22)} + 4m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{311}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{302}^{(11)} + m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(11)}m_{410}^{(22)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(11)}m_{401}^{(21)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(11)}m_{302}^{(10)} - m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(11)}m_{212}^{(00)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(21)}m_{401}^{(11)}\\
&-4m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(21)}m_{311}^{(10)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(21)}m_{221}^{(00)} - m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(22)}m_{410}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(22)}m_{320}^{(10)} - m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(22)}m_{230}^{(00)} - m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{230}^{(22)}\\
&+2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{221}^{(21)} - m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{212}^{(11)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{320}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{311}^{(21)} + m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{302}^{(11)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{221}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{122}^{(00)} - m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(11)}m_{410}^{(22)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(11)}m_{311}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(11)}m_{212}^{(00)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{320}^{(21)} + m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{311}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{230}^{(20)} - m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{131}^{(00)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(21)}m_{410}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(21)}m_{401}^{(11)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(21)}m_{320}^{(20)} + m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(21)}m_{221}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(10)}m_{311}^{(11)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(10)}m_{221}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(10)}m_{131}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(11)}m_{401}^{(11)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(11)}m_{311}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(11)}m_{221}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(20)}m_{320}^{(11)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(20)}m_{230}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(20)}m_{140}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(21)}m_{410}^{(11)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(21)}m_{320}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(21)}m_{230}^{(00)}\\
&+2m_{000}^{(21)}(m_{010}^{(00)})^2m_{122}^{(22)} - 2m_{000}^{(21)}(m_{010}^{(00)})^2m_{113}^{(21)} - 2m_{000}^{(21)}(m_{010}^{(00)})^2m_{023}^{(20)}\\
&+2m_{000}^{(21)}(m_{010}^{(00)})^2m_{014}^{(10)} - 4m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(10)}m_{212}^{(22)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(10)}m_{203}^{(21)}\\
&+6m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(10)}m_{113}^{(20)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(10)}m_{104}^{(10)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(10)}m_{014}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(11)}m_{302}^{(22)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(11)}m_{203}^{(20)} + m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(11)}m_{104}^{(00)}
\end{aligned}
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$$-4m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{221}^{(22)}+6m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{212}^{(21)}+2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{122}^{(20)}$$
$$-6m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{113}^{(10)}+2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{023}^{(00)}+2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{311}^{(22)}$$
$$-2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{302}^{(21)}-2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{212}^{(20)}+2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{203}^{(10)}$$
$$+m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{320}^{(22)}-2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{311}^{(21)}+2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{212}^{(10)}$$
$$-m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{122}^{(00)}-2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(00)}m_{131}^{(22)}+2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(00)}m_{113}^{(11)}$$
$$+4m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(00)}m_{032}^{(20)}-4m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(00)}m_{023}^{(10)}+3m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{221}^{(22)}$$
$$-m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{203}^{(11)}-6m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{122}^{(20)}+2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{113}^{(10)}$$
$$+2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{023}^{(00)}-m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(11)}m_{311}^{(22)}+2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(11)}m_{212}^{(20)}$$
$$-m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(11)}m_{113}^{(00)}+m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{230}^{(22)}-3m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{212}^{(11)}$$
$$-2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{131}^{(20)}+6m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{122}^{(10)}-2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{032}^{(00)}$$
$$-m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{320}^{(22)}+m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{302}^{(11)}+2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{221}^{(20)}$$
$$-2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{212}^{(10)}+m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(22)}m_{311}^{(11)}-2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(22)}m_{221}^{(10)}$$
$$+m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(22)}m_{131}^{(00)}+m_{000}^{(21)}(m_{010}^{(10)})^2m_{302}^{(22)}-2m_{000}^{(21)}(m_{010}^{(10)})^2m_{203}^{(20)}$$
$$+m_{000}^{(21)}(m_{010}^{(10)})^2m_{104}^{(00)}+6m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{311}^{(22)}-4m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{302}^{(21)}$$
$$-8m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{212}^{(20)}+4m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{203}^{(10)}+2m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{113}^{(00)}$$
$$-2m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(21)}m_{401}^{(22)}+4m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(21)}m_{302}^{(20)}-2m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(21)}m_{203}^{(00)}$$
$$-2m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{410}^{(22)}+2m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{401}^{(21)}+2m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{311}^{(20)}$$
$$-2m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{302}^{(10)}+3m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{221}^{(22)}-m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{203}^{(11)}$$
$$-6m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{122}^{(20)}+2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{113}^{(10)}+2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{023}^{(00)}$$
$$-4m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(10)}m_{311}^{(22)}+8m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(10)}m_{212}^{(20)}-4m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(10)}m_{113}^{(00)}$$
$$+m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(11)}m_{401}^{(22)}-2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(11)}m_{302}^{(20)}+m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(11)}m_{203}^{(00)}$$
$$-2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{320}^{(22)}+2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{311}^{(21)}+4m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{221}^{(20)}$$
$$-4m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{212}^{(10)}+2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{410}^{(22)}-4m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{311}^{(20)}$$
$$+2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{212}^{(00)}-m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(22)}m_{401}^{(11)}+2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(22)}m_{311}^{(10)}$$
$$-m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(22)}m_{221}^{(00)}-2m_{000}^{(21)}m_{010}^{(11)}m_{010}^{(20)}m_{401}^{(22)}+4m_{000}^{(21)}m_{010}^{(11)}m_{010}^{(20)}m_{302}^{(20)}$$
$$-2m_{000}^{(21)}m_{010}^{(11)}m_{010}^{(20)}m_{203}^{(00)}+m_{000}^{(21)}m_{010}^{(11)}m_{010}^{(22)}m_{500}^{(22)}-2m_{000}^{(21)}m_{010}^{(11)}m_{010}^{(22)}m_{401}^{(20)}$$
$$+m_{000}^{(21)}m_{010}^{(11)}m_{010}^{(22)}m_{302}^{(00)}-m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{311}^{(22)}+2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{212}^{(20)}$$
$$-m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{113}^{(00)}+m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(10)}m_{401}^{(22)}-2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(10)}m_{302}^{(20)}$$
$$+m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(10)}m_{203}^{(00)}+m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(20)}m_{410}^{(22)}-2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(20)}m_{311}^{(20)}$$
$$+m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(20)}m_{212}^{(00)}-m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(21)}m_{500}^{(22)}+2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(21)}m_{401}^{(20)}$$
$$-m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(21)}m_{302}^{(00)}+m_{000}^{(21)}(m_{010}^{(20)})^2m_{320}^{(22)}-4m_{000}^{(21)}(m_{010}^{(20)})^2m_{311}^{(21)}$$
$$+2m_{000}^{(21)}(m_{010}^{(20)})^2m_{221}^{(20)}+4m_{000}^{(21)}(m_{010}^{(20)})^2m_{212}^{(10)}-3m_{000}^{(21)}(m_{010}^{(20)})^2m_{122}^{(00)}$$
$$-2m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{410}^{(22)}+4m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{401}^{(21)}-4m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{302}^{(10)}$$
$$+2m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{212}^{(00)}+2m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(22)}m_{410}^{(21)}-2m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(22)}m_{320}^{(20)}$$
$$-2m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(22)}m_{311}^{(10)}+2m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(22)}m_{221}^{(00)}+m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{230}^{(22)}$$
$$-3m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{212}^{(11)}-2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{131}^{(20)}+6m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{122}^{(10)}$$
$$-2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{032}^{(00)}-2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(10)}m_{320}^{(22)}+2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(10)}m_{302}^{(11)}$$
$$+4m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(10)}m_{221}^{(20)}-4m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(10)}m_{212}^{(10)}+m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(11)}m_{410}^{(22)}$$

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\begin{aligned}
&-2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(11)}m_{311}^{(20)} + m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(11)}m_{212}^{(00)} + 4m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(20)}m_{311}^{(11)}\\
&-8m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(20)}m_{221}^{(10)} + 4m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(20)}m_{131}^{(00)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(21)}m_{401}^{(11)}\\
&+4m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(21)}m_{311}^{(10)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(21)}m_{221}^{(00)} - m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(22)}m_{410}^{(11)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(22)}m_{320}^{(10)} - m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(22)}m_{230}^{(00)} + m_{000}^{(21)}(m_{010}^{(21)})^2m_{500}^{(22)}\\
&-2m_{000}^{(21)}(m_{010}^{(21)})^2m_{401}^{(20)} + m_{000}^{(21)}(m_{010}^{(21)})^2m_{302}^{(00)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{010}^{(22)}m_{500}^{(21)}\\
&+2m_{000}^{(21)}m_{010}^{(21)}m_{010}^{(22)}m_{410}^{(20)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{010}^{(22)}m_{401}^{(10)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{010}^{(22)}m_{311}^{(00)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{320}^{(22)} + m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{302}^{(11)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{221}^{(20)}\\
&-2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{212}^{(10)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{410}^{(22)} - 4m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{311}^{(20)}\\
&+2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{212}^{(00)} - m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(11)}m_{500}^{(22)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(11)}m_{401}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(11)}m_{302}^{(00)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{401}^{(11)} + 4m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{311}^{(10)}\\
&-2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{221}^{(00)} + m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(22)}m_{500}^{(11)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(22)}m_{410}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(22)}m_{320}^{(00)} + m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{311}^{(11)} - 2m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{221}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{131}^{(00)} - m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(10)}m_{401}^{(11)} + 2m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(10)}m_{311}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(10)}m_{221}^{(00)} - m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(20)}m_{410}^{(11)} + 2m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(20)}m_{320}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(20)}m_{230}^{(00)} + m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(21)}m_{500}^{(11)} - 2m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(21)}m_{410}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(21)}m_{320}^{(00)} + 2m_{000}^{(21)}(m_{001}^{(00)})^2m_{131}^{(21)} - 2m_{000}^{(21)}(m_{001}^{(00)})^2m_{122}^{(11)}\\
&-2m_{000}^{(21)}(m_{001}^{(00)})^2m_{041}^{(20)} + 2m_{000}^{(21)}(m_{001}^{(00)})^2m_{032}^{(10)} - 6m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{221}^{(21)}\\
&+4m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{212}^{(11)} + 6m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{131}^{(20)} - 2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{122}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{032}^{(00)} + 2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{311}^{(21)} - m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{302}^{(11)}\\
&-2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{221}^{(20)} + m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{122}^{(00)} - 2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{230}^{(21)}\\
&+4m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{221}^{(11)} + 2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{140}^{(20)} - 6m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{131}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{041}^{(00)} + 2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{320}^{(21)} - 2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{311}^{(11)}\\
&-2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{230}^{(20)} + 2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{221}^{(10)} - m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(22)}m_{320}^{(11)}\\
&+2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(22)}m_{230}^{(10)} - m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(22)}m_{140}^{(00)} + 4m_{000}^{(21)}(m_{001}^{(10)})^2m_{311}^{(21)}\\
&-m_{000}^{(21)}(m_{001}^{(10)})^2m_{302}^{(11)} - 4m_{000}^{(21)}(m_{001}^{(10)})^2m_{221}^{(20)} - 2m_{000}^{(21)}(m_{001}^{(10)})^2m_{212}^{(10)}\\
&+3m_{000}^{(21)}(m_{001}^{(10)})^2m_{122}^{(00)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{401}^{(21)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{311}^{(20)}\\
&+2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{302}^{(10)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{212}^{(00)} + 4m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{320}^{(21)}\\
&-6m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{311}^{(11)} - 4m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{230}^{(20)} + 8m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{221}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{131}^{(00)} - 4m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{410}^{(21)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{401}^{(11)}\\
&+4m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{320}^{(20)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{221}^{(00)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(22)}m_{410}^{(11)}\\
&-4m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(22)}m_{320}^{(10)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(22)}m_{230}^{(00)} - 2m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{410}^{(21)}\\
&+2m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{401}^{(11)} + 2m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{320}^{(20)} - 2m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{311}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(21)}m_{500}^{(21)} - 2m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(21)}m_{410}^{(20)} - 2m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(21)}m_{401}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(21)}m_{311}^{(00)} - m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(22)}m_{500}^{(11)} + 2m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(22)}m_{410}^{(10)}\\
&-m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(22)}m_{320}^{(00)} - m_{000}^{(21)}(m_{001}^{(20)})^2m_{320}^{(11)} + 2m_{000}^{(21)}(m_{001}^{(20)})^2m_{230}^{(10)}\\
&-m_{000}^{(21)}(m_{001}^{(20)})^2m_{140}^{(00)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{001}^{(21)}m_{410}^{(11)} - 4m_{000}^{(21)}m_{001}^{(20)}m_{001}^{(21)}m_{320}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(20)}m_{001}^{(21)}m_{230}^{(00)} - m_{000}^{(21)}(m_{001}^{(21)})^2m_{500}^{(11)} + 2m_{000}^{(21)}(m_{001}^{(21)})^2m_{410}^{(10)}\\
&-m_{000}^{(21)}(m_{001}^{(21)})^2m_{320}^{(00)} - m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(10)}m_{041}^{(22)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(10)}m_{032}^{(21)}
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\begin{aligned}
&-m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(10)}m_{023}^{(11)} + m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(11)}m_{131}^{(22)} - 2m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(11)}m_{122}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(11)}m_{113}^{(11)} + m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(20)}m_{050}^{(22)} - 2m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(20)}m_{041}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(20)}m_{032}^{(11)} - m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)}m_{140}^{(22)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)}m_{131}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)}m_{122}^{(11)} + m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(00)}m_{041}^{(22)} - 2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(00)}m_{032}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(00)}m_{023}^{(11)} - m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(10)}m_{131}^{(22)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(10)}m_{122}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(10)}m_{113}^{(11)} - m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(20)}m_{140}^{(22)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(20)}m_{131}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(20)}m_{122}^{(11)} + m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{230}^{(22)} - 2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{221}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{212}^{(11)} - m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(00)}m_{050}^{(22)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(00)}m_{041}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(00)}m_{032}^{(11)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(10)}m_{140}^{(22)} - 4m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(10)}m_{131}^{(21)}\\
&+2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(10)}m_{122}^{(11)} - m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(11)}m_{230}^{(22)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(11)}m_{221}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(11)}m_{212}^{(11)} + 2m_{000}^{(22)}(m_{100}^{(10)})^2m_{131}^{(22)} - 3m_{000}^{(22)}(m_{100}^{(10)})^2m_{122}^{(21)}\\
&+m_{000}^{(22)}(m_{100}^{(10)})^2m_{113}^{(11)} - m_{000}^{(22)}(m_{100}^{(10)})^2m_{032}^{(20)} + m_{000}^{(22)}(m_{100}^{(10)})^2m_{023}^{(10)}\\
&-3m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{221}^{(22)} + 4m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{212}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{203}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{122}^{(20)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{113}^{(10)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(20)}m_{140}^{(22)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(20)}m_{131}^{(21)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(20)}m_{041}^{(20)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(20)}m_{032}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}m_{230}^{(22)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}m_{221}^{(21)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}m_{131}^{(20)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}m_{122}^{(10)} - m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(00)}m_{131}^{(22)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(00)}m_{122}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(00)}m_{113}^{(11)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(10)}m_{212}^{(21)} + m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(10)}m_{203}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(10)}m_{122}^{(20)} - m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(10)}m_{023}^{(00)} + m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}m_{311}^{(22)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}m_{212}^{(20)} + m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}m_{113}^{(00)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{230}^{(22)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{221}^{(21)} + m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{212}^{(11)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{131}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{032}^{(00)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{320}^{(22)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{311}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{302}^{(11)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{221}^{(20)} - m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{122}^{(00)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(00)}m_{140}^{(22)} - 4m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(00)}m_{131}^{(21)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(00)}m_{122}^{(11)}\\
&-4m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)}m_{230}^{(22)} + 8m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)}m_{221}^{(21)} - 3m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)}m_{212}^{(11)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)}m_{122}^{(10)} + m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)}m_{032}^{(00)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{320}^{(22)}\\
&-4m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{311}^{(21)} + m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{302}^{(11)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{212}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{122}^{(00)} - m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(20)}m_{221}^{(11)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(20)}m_{131}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(20)}m_{041}^{(00)} + m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(21)}m_{311}^{(11)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(21)}m_{221}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(21)}m_{131}^{(00)} + m_{000}^{(22)}(m_{100}^{(11)})^2m_{311}^{(22)} - m_{000}^{(22)}(m_{100}^{(11)})^2m_{302}^{(21)}\\
&-m_{000}^{(22)}(m_{100}^{(11)})^2m_{212}^{(20)} + m_{000}^{(22)}(m_{100}^{(11)})^2m_{203}^{(10)} + m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{230}^{(22)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{212}^{(11)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{131}^{(20)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{122}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(21)}m_{320}^{(22)} + m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(21)}m_{302}^{(11)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(21)}m_{221}^{(20)}\\
&-2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(21)}m_{212}^{(10)} + m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(10)}m_{311}^{(22)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(10)}m_{212}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(10)}m_{113}^{(00)} - m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(11)}m_{401}^{(22)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(11)}m_{302}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(11)}m_{203}^{(00)} - m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)}m_{320}^{(22)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)}m_{221}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)}m_{122}^{(00)} + m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(21)}m_{410}^{(22)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(21)}m_{311}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(21)}m_{212}^{(00)} - m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(00)}m_{230}^{(22)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(00)}m_{221}^{(21)}
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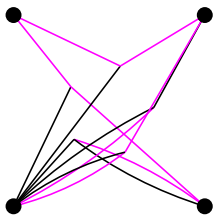
\begin{aligned}
&-m_{000}^{(22)} m_{100}^{(11)} m_{001}^{(00)} m_{212}^{(11)} + 2m_{000}^{(22)} m_{100}^{(11)} m_{001}^{(10)} m_{320}^{(22)} - 4m_{000}^{(22)} m_{100}^{(11)} m_{001}^{(10)} m_{311}^{(21)} \\
&+m_{000}^{(22)} m_{100}^{(11)} m_{001}^{(10)} m_{302}^{(11)} + 2m_{000}^{(22)} m_{100}^{(11)} m_{001}^{(10)} m_{212}^{(10)} - m_{000}^{(22)} m_{100}^{(11)} m_{001}^{(10)} m_{122}^{(00)} \\
&-m_{000}^{(22)} m_{100}^{(11)} m_{001}^{(11)} m_{410}^{(22)} + 2m_{000}^{(22)} m_{100}^{(11)} m_{001}^{(11)} m_{401}^{(21)} - 2m_{000}^{(22)} m_{100}^{(11)} m_{001}^{(11)} m_{302}^{(10)} \\
&+m_{000}^{(22)} m_{100}^{(11)} m_{001}^{(11)} m_{212}^{(00)} + m_{000}^{(22)} m_{100}^{(11)} m_{001}^{(20)} m_{311}^{(11)} - 2m_{000}^{(22)} m_{100}^{(11)} m_{001}^{(20)} m_{221}^{(10)} \\
&+m_{000}^{(22)} m_{100}^{(11)} m_{001}^{(20)} m_{131}^{(00)} - m_{000}^{(22)} m_{100}^{(11)} m_{001}^{(21)} m_{401}^{(11)} + 2m_{000}^{(22)} m_{100}^{(11)} m_{001}^{(21)} m_{311}^{(10)} \\
&-m_{000}^{(22)} m_{100}^{(11)} m_{001}^{(21)} m_{221}^{(00)} + m_{000}^{(22)} (m_{100}^{(20)})^2 m_{140}^{(21)} - m_{000}^{(22)} (m_{100}^{(20)})^2 m_{131}^{(11)} \\
&-m_{000}^{(22)} (m_{100}^{(20)})^2 m_{050}^{(20)} + m_{000}^{(22)} (m_{100}^{(20)})^2 m_{041}^{(10)} - 2m_{000}^{(22)} m_{100}^{(20)} m_{100}^{(21)} m_{230}^{(21)} \\
&+2m_{000}^{(22)} m_{100}^{(20)} m_{100}^{(21)} m_{221}^{(11)} + 2m_{000}^{(22)} m_{100}^{(20)} m_{100}^{(21)} m_{140}^{(20)} - 2m_{000}^{(22)} m_{100}^{(20)} m_{100}^{(21)} m_{131}^{(10)} \\
&-m_{000}^{(22)} m_{100}^{(20)} m_{010}^{(00)} m_{140}^{(22)} + 2m_{000}^{(22)} m_{100}^{(20)} m_{010}^{(00)} m_{131}^{(21)} - m_{000}^{(22)} m_{100}^{(20)} m_{010}^{(00)} m_{122}^{(11)} \\
&+2m_{000}^{(22)} m_{100}^{(20)} m_{010}^{(10)} m_{230}^{(22)} - 2m_{000}^{(22)} m_{100}^{(20)} m_{010}^{(10)} m_{221}^{(21)} + m_{000}^{(22)} m_{100}^{(20)} m_{010}^{(10)} m_{212}^{(11)} \\
&-2m_{000}^{(22)} m_{100}^{(20)} m_{010}^{(10)} m_{131}^{(20)} + m_{000}^{(22)} m_{100}^{(20)} m_{010}^{(10)} m_{032}^{(00)} - m_{000}^{(22)} m_{100}^{(20)} m_{010}^{(11)} m_{320}^{(22)} \\
&+2m_{000}^{(22)} m_{100}^{(20)} m_{010}^{(11)} m_{221}^{(20)} - m_{000}^{(22)} m_{100}^{(20)} m_{010}^{(11)} m_{122}^{(00)} - 2m_{000}^{(22)} m_{100}^{(20)} m_{010}^{(20)} m_{230}^{(21)} \\
&+m_{000}^{(22)} m_{100}^{(20)} m_{010}^{(20)} m_{221}^{(11)} + 2m_{000}^{(22)} m_{100}^{(20)} m_{010}^{(20)} m_{140}^{(20)} - m_{000}^{(22)} m_{100}^{(20)} m_{010}^{(20)} m_{041}^{(00)} \\
&+2m_{000}^{(22)} m_{100}^{(20)} m_{010}^{(21)} m_{320}^{(21)} - m_{000}^{(22)} m_{100}^{(20)} m_{010}^{(21)} m_{311}^{(11)} - 2m_{000}^{(22)} m_{100}^{(20)} m_{010}^{(21)} m_{230}^{(20)} \\
&+m_{000}^{(22)} m_{100}^{(20)} m_{010}^{(21)} m_{131}^{(00)} - m_{000}^{(22)} m_{100}^{(20)} m_{001}^{(10)} m_{221}^{(11)} + 2m_{000}^{(22)} m_{100}^{(20)} m_{001}^{(10)} m_{131}^{(10)} \\
&-m_{000}^{(22)} m_{100}^{(20)} m_{001}^{(10)} m_{041}^{(00)} + m_{000}^{(22)} m_{100}^{(20)} m_{001}^{(11)} m_{311}^{(11)} - 2m_{000}^{(22)} m_{100}^{(20)} m_{001}^{(11)} m_{221}^{(10)} \\
&+m_{000}^{(22)} m_{100}^{(20)} m_{001}^{(11)} m_{131}^{(00)} + m_{000}^{(22)} m_{100}^{(20)} m_{001}^{(20)} m_{230}^{(11)} - 2m_{000}^{(22)} m_{100}^{(20)} m_{001}^{(20)} m_{140}^{(10)} \\
&+m_{000}^{(22)} m_{100}^{(20)} m_{001}^{(20)} m_{050}^{(00)} - m_{000}^{(22)} m_{100}^{(20)} m_{001}^{(21)} m_{320}^{(11)} + 2m_{000}^{(22)} m_{100}^{(20)} m_{001}^{(21)} m_{230}^{(10)} \\
&-m_{000}^{(22)} m_{100}^{(20)} m_{001}^{(21)} m_{140}^{(00)} + m_{000}^{(22)} (m_{100}^{(21)})^2 m_{320}^{(21)} - m_{000}^{(22)} (m_{100}^{(21)})^2 m_{311}^{(11)} \\
&-m_{000}^{(22)} (m_{100}^{(21)})^2 m_{230}^{(20)} + m_{000}^{(22)} (m_{100}^{(21)})^2 m_{221}^{(10)} + m_{000}^{(22)} m_{100}^{(21)} m_{010}^{(00)} m_{230}^{(22)} \\
&-2m_{000}^{(22)} m_{100}^{(21)} m_{010}^{(00)} m_{221}^{(21)} + m_{000}^{(22)} m_{100}^{(21)} m_{010}^{(00)} m_{212}^{(11)} - 2m_{000}^{(22)} m_{100}^{(21)} m_{010}^{(10)} m_{320}^{(22)} \\
&+2m_{000}^{(22)} m_{100}^{(21)} m_{010}^{(10)} m_{311}^{(21)} - m_{000}^{(22)} m_{100}^{(21)} m_{010}^{(10)} m_{302}^{(11)} + 2m_{000}^{(22)} m_{100}^{(21)} m_{010}^{(10)} m_{221}^{(20)} \\
&-m_{000}^{(22)} m_{100}^{(21)} m_{010}^{(10)} m_{122}^{(00)} + m_{000}^{(22)} m_{100}^{(21)} m_{010}^{(11)} m_{410}^{(22)} - 2m_{000}^{(22)} m_{100}^{(21)} m_{010}^{(11)} m_{311}^{(20)} \\
&+m_{000}^{(22)} m_{100}^{(21)} m_{010}^{(11)} m_{212}^{(00)} + 2m_{000}^{(22)} m_{100}^{(21)} m_{010}^{(20)} m_{320}^{(21)} - m_{000}^{(22)} m_{100}^{(21)} m_{010}^{(20)} m_{311}^{(11)} \\
&-2m_{000}^{(22)} m_{100}^{(21)} m_{010}^{(20)} m_{230}^{(20)} + m_{000}^{(22)} m_{100}^{(21)} m_{010}^{(20)} m_{131}^{(00)} - 2m_{000}^{(22)} m_{100}^{(21)} m_{010}^{(21)} m_{410}^{(21)} \\
&+m_{000}^{(22)} m_{100}^{(21)} m_{010}^{(21)} m_{401}^{(11)} + 2m_{000}^{(22)} m_{100}^{(21)} m_{010}^{(21)} m_{320}^{(20)} - m_{000}^{(22)} m_{100}^{(21)} m_{010}^{(21)} m_{221}^{(00)} \\
&+m_{000}^{(22)} m_{100}^{(21)} m_{001}^{(10)} m_{311}^{(11)} - 2m_{000}^{(22)} m_{100}^{(21)} m_{001}^{(10)} m_{221}^{(10)} + m_{000}^{(22)} m_{100}^{(21)} m_{001}^{(10)} m_{131}^{(00)} \\
&-m_{000}^{(22)} m_{100}^{(21)} m_{001}^{(11)} m_{401}^{(11)} + 2m_{000}^{(22)} m_{100}^{(21)} m_{001}^{(11)} m_{311}^{(10)} - m_{000}^{(22)} m_{100}^{(21)} m_{001}^{(11)} m_{221}^{(00)} \\
&-m_{000}^{(22)} m_{100}^{(21)} m_{001}^{(20)} m_{320}^{(11)} + 2m_{000}^{(22)} m_{100}^{(21)} m_{001}^{(20)} m_{230}^{(10)} - m_{000}^{(22)} m_{100}^{(21)} m_{001}^{(20)} m_{140}^{(00)} \\
&+m_{000}^{(22)} m_{100}^{(21)} m_{001}^{(21)} m_{410}^{(11)} - 2m_{000}^{(22)} m_{100}^{(21)} m_{001}^{(21)} m_{320}^{(10)} + m_{000}^{(22)} m_{100}^{(21)} m_{001}^{(21)} m_{230}^{(00)} \\
&-m_{000}^{(22)} (m_{010}^{(00)})^2 m_{131}^{(22)} + m_{000}^{(22)} (m_{010}^{(00)})^2 m_{122}^{(21)} + m_{000}^{(22)} (m_{010}^{(00)})^2 m_{032}^{(20)} \\
&-m_{000}^{(22)} (m_{010}^{(00)})^2 m_{023}^{(10)} + 3m_{000}^{(22)} m_{010}^{(00)} m_{010}^{(10)} m_{221}^{(22)} - 2m_{000}^{(22)} m_{010}^{(00)} m_{010}^{(10)} m_{212}^{(21)} \\
&-4m_{000}^{(22)} m_{010}^{(00)} m_{010}^{(10)} m_{122}^{(20)} + 2m_{000}^{(22)} m_{010}^{(00)} m_{010}^{(10)} m_{113}^{(10)} + m_{000}^{(22)} m_{010}^{(00)} m_{010}^{(10)} m_{023}^{(00)} \\
&-m_{000}^{(22)} m_{010}^{(00)} m_{010}^{(11)} m_{311}^{(22)} + 2m_{000}^{(22)} m_{010}^{(00)} m_{010}^{(11)} m_{212}^{(20)} - m_{000}^{(22)} m_{010}^{(00)} m_{010}^{(11)} m_{113}^{(00)} \\
&+m_{000}^{(22)} m_{010}^{(00)} m_{010}^{(20)} m_{230}^{(22)} - 2m_{000}^{(22)} m_{010}^{(00)} m_{010}^{(20)} m_{221}^{(21)} + 2m_{000}^{(22)} m_{010}^{(00)} m_{010}^{(20)} m_{122}^{(10)} \\
&-m_{000}^{(22)} m_{010}^{(00)} m_{010}^{(20)} m_{032}^{(00)} - m_{000}^{(22)} m_{010}^{(00)} m_{010}^{(21)} m_{320}^{(22)} + 2m_{000}^{(22)} m_{010}^{(00)} m_{010}^{(21)} m_{311}^{(21)} \\
&-2m_{000}^{(22)} m_{010}^{(00)} m_{010}^{(21)} m_{212}^{(10)} + m_{000}^{(22)} m_{010}^{(00)} m_{010}^{(21)} m_{122}^{(00)} + m_{000}^{(22)} m_{010}^{(00)} m_{001}^{(00)} m_{140}^{(22)} \\
&-m_{000}^{(22)} m_{010}^{(00)} m_{001}^{(00)} m_{122}^{(11)} - 2m_{000}^{(22)} m_{010}^{(00)} m_{001}^{(00)} m_{041}^{(20)} + 2m_{000}^{(22)} m_{010}^{(00)} m_{001}^{(00)} m_{032}^{(10)}
\end{aligned}
$$

$$
\begin{aligned}
&-2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{230}^{(22)} + m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{212}^{(11)} + 4m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{131}^{(20)}\\
&-2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{122}^{(10)} - m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{032}^{(00)} + m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{320}^{(22)}\\
&-2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{221}^{(20)} + m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{122}^{(00)} + m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{221}^{(11)}\\
&-2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{131}^{(10)} + m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{041}^{(00)} - m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{311}^{(11)}\\
&+2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{221}^{(10)} - m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{131}^{(00)} - 2m_{000}^{(22)}(m_{010}^{(10)})^2m_{311}^{(22)}\\
&+m_{000}^{(22)}(m_{010}^{(10)})^2m_{302}^{(21)} + 3m_{000}^{(22)}(m_{010}^{(10)})^2m_{212}^{(20)} - m_{000}^{(22)}(m_{010}^{(10)})^2m_{203}^{(10)}\\
&-m_{000}^{(22)}(m_{010}^{(10)})^2m_{113}^{(00)} + m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(11)}m_{401}^{(22)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(11)}m_{302}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(11)}m_{203}^{(00)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{320}^{(22)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{311}^{(21)}\\
&+2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{221}^{(20)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{212}^{(10)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{410}^{(22)}\\
&-2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{401}^{(21)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{311}^{(20)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{302}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{230}^{(22)} + m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{212}^{(11)} + 4m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{131}^{(20)}\\
&-2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{122}^{(10)} - m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{032}^{(00)} + 4m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{320}^{(22)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{302}^{(11)} - 8m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{221}^{(20)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{212}^{(10)}\\
&+3m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{122}^{(00)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{410}^{(22)} + 4m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{311}^{(20)}\\
&-2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{212}^{(00)} - m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{311}^{(11)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{221}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{131}^{(00)} + m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{401}^{(11)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{311}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{221}^{(00)} + m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{410}^{(22)} - 2m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{311}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{212}^{(00)} - m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(21)}m_{500}^{(22)} + 2m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(21)}m_{401}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(21)}m_{302}^{(00)} + m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{320}^{(22)} - 2m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{221}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{122}^{(00)} - 2m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{410}^{(22)} + 4m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{311}^{(20)}\\
&-2m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{212}^{(00)} + m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(11)}m_{500}^{(22)} - 2m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(11)}m_{401}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(11)}m_{302}^{(00)} + m_{000}^{(22)}(m_{010}^{(20)})^2m_{320}^{(21)} - m_{000}^{(22)}(m_{010}^{(20)})^2m_{230}^{(20)}\\
&-m_{000}^{(22)}(m_{010}^{(20)})^2m_{221}^{(10)} + m_{000}^{(22)}(m_{010}^{(20)})^2m_{131}^{(00)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{010}^{(21)}m_{410}^{(22)}\\
&+2m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{320}^{(20)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{311}^{(10)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{221}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(00)}m_{221}^{(11)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(00)}m_{131}^{(10)} + m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(00)}m_{041}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{311}^{(11)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{221}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{131}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(20)}m_{320}^{(11)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(20)}m_{230}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(20)}m_{140}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(21)}m_{410}^{(11)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(21)}m_{320}^{(10)} + m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(21)}m_{230}^{(00)}\\
&+m_{000}^{(22)}(m_{010}^{(21)})^2m_{500}^{(21)} - m_{000}^{(22)}(m_{010}^{(21)})^2m_{410}^{(20)} - m_{000}^{(22)}(m_{010}^{(21)})^2m_{401}^{(10)}\\
&+m_{000}^{(22)}(m_{010}^{(21)})^2m_{311}^{(00)} - m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{311}^{(11)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{221}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{131}^{(00)} + m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{401}^{(11)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{311}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{221}^{(00)} + m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(20)}m_{410}^{(11)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(20)}m_{320}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(20)}m_{230}^{(00)} - m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(21)}m_{500}^{(11)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(21)}m_{410}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(21)}m_{320}^{(00)} - m_{000}^{(22)}(m_{001}^{(00)})^2m_{140}^{(21)} + m_{000}^{(22)}(m_{001}^{(00)})^2m_{131}^{(11)}\\
&+m_{000}^{(22)}(m_{001}^{(00)})^2m_{050}^{(20)} - m_{000}^{(22)}(m_{001}^{(00)})^2m_{041}^{(10)} + 4m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{230}^{(10)}\\
&-3m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{221}^{(10)} - 4m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{140}^{(10)} + 2m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(10)}m_{131}^{(10)}\\
&+m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{001}^{(00)}m_{041}^{(00)} - 2m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{320}^{(10)} + m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(11)}m_{311}^{(10)}\\
&+2m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{230}^{(10)} - m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{001}^{(00)}m_{131}^{(10)} - m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(20)}m_{001}^{(11)}m_{230}^{(10)}
\end{aligned}
$$

$$
\begin{aligned}
&+2m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(20)}m_{140}^{(10)} - m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(20)}m_{050}^{(00)} + m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(21)}m_{320}^{(11)}\\
&-2m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(21)}m_{230}^{(10)} + m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(21)}m_{140}^{(00)} - 4m_{000}^{(22)}(m_{001}^{(10)})^2m_{320}^{(21)}\\
&+2m_{000}^{(22)}(m_{001}^{(10)})^2m_{311}^{(11)} + 4m_{000}^{(22)}(m_{001}^{(10)})^2m_{230}^{(20)} - 2m_{000}^{(22)}(m_{001}^{(10)})^2m_{131}^{(00)}\\
&+4m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{410}^{(21)} - m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{401}^{(11)} - 4m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{320}^{(20)}\\
&-2m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{311}^{(10)} + 3m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{221}^{(00)} + 2m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(20)}m_{320}^{(11)}\\
&-4m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(20)}m_{230}^{(10)} + 2m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(20)}m_{140}^{(00)} - 2m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(21)}m_{410}^{(11)}\\
&+4m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(21)}m_{320}^{(10)} - 2m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(21)}m_{230}^{(00)} - m_{000}^{(22)}(m_{001}^{(11)})^2m_{500}^{(21)}\\
&+m_{000}^{(22)}(m_{001}^{(11)})^2m_{410}^{(20)} + m_{000}^{(22)}(m_{001}^{(11)})^2m_{401}^{(10)} - m_{000}^{(22)}(m_{001}^{(11)})^2m_{311}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(11)}m_{001}^{(20)}m_{410}^{(11)} + 2m_{000}^{(22)}m_{001}^{(11)}m_{001}^{(20)}m_{320}^{(10)} - m_{000}^{(22)}m_{001}^{(11)}m_{001}^{(20)}m_{230}^{(00)}\\
&+m_{000}^{(22)}m_{001}^{(11)}m_{001}^{(21)}m_{500}^{(11)} - 2m_{000}^{(22)}m_{001}^{(11)}m_{001}^{(21)}m_{410}^{(10)} + m_{000}^{(22)}m_{001}^{(11)}m_{001}^{(21)}m_{320}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{ccccc}
V1 & V1 & 1 & 1 & 1\\
1 & 1 & V2 & V2 & V4\\
V3 & 3 & V3 & V4 & 4
\end{array}
$$



$$
\begin{aligned}
T_{190} \;=\;& m_{000}^{(00)}m_{100}^{(10)}m_{100}^{(11)}m_{023}^{(22)} - 2m_{000}^{(00)}m_{100}^{(10)}m_{100}^{(11)}m_{014}^{(21)} + m_{000}^{(00)}m_{100}^{(10)}m_{100}^{(11)}m_{005}^{(11)}\\
&-2m_{000}^{(00)}m_{100}^{(10)}m_{100}^{(21)}m_{032}^{(22)} + 4m_{000}^{(00)}m_{100}^{(10)}m_{100}^{(21)}m_{023}^{(21)} - 2m_{000}^{(00)}m_{100}^{(10)}m_{100}^{(21)}m_{014}^{(11)}\\
&+m_{000}^{(00)}m_{100}^{(10)}m_{100}^{(22)}m_{041}^{(22)} - 2m_{000}^{(00)}m_{100}^{(10)}m_{100}^{(22)}m_{032}^{(21)} + m_{000}^{(00)}m_{100}^{(10)}m_{100}^{(22)}m_{023}^{(11)}\\
&-2m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(10)}m_{023}^{(22)} + 4m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(10)}m_{014}^{(21)} - 2m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(10)}m_{005}^{(11)}\\
&+m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(11)}m_{113}^{(22)} - m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(11)}m_{104}^{(21)} - m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(11)}m_{014}^{(20)}\\
&+m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(11)}m_{005}^{(10)} + 2m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(20)}m_{032}^{(22)} - 4m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(20)}m_{023}^{(21)}\\
&+2m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(20)}m_{014}^{(11)} - 2m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(21)}m_{113}^{(21)} + 2m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(21)}m_{104}^{(11)}\\
&+2m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(21)}m_{023}^{(20)} - 2m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(21)}m_{014}^{(10)} - m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(22)}m_{131}^{(22)}\\
&+3m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(22)}m_{122}^{(21)} - 2m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(22)}m_{113}^{(11)} - m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(22)}m_{032}^{(20)}\\
&+m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(22)}m_{023}^{(10)} + 2m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(10)}m_{032}^{(22)} - 4m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(10)}m_{023}^{(21)}\\
&+2m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(10)}m_{014}^{(11)} - 2m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(11)}m_{122}^{(22)} + 3m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(11)}m_{113}^{(21)}\\
&-m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(11)}m_{104}^{(11)} + m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(11)}m_{023}^{(20)} - m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(11)}m_{014}^{(10)}\\
&-2m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(20)}m_{041}^{(22)} + 4m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(20)}m_{032}^{(21)} - 2m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(20)}m_{023}^{(11)}
\end{aligned}
$$

$$+2m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(21)}m_{131}^{(22)} - 2m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(21)}m_{122}^{(21)} - 2m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(21)}m_{032}^{(20)}$$
$$+2m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(21)}m_{023}^{(10)} - m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(22)}m_{131}^{(21)} + m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(22)}m_{122}^{(11)}$$
$$+m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(22)}m_{041}^{(20)} - m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(22)}m_{032}^{(10)} - m_{000}^{(00)}(m_{100}^{(11)})^2m_{113}^{(22)}$$
$$+m_{000}^{(00)}(m_{100}^{(11)})^2m_{104}^{(21)} + m_{000}^{(00)}(m_{100}^{(11)})^2m_{014}^{(20)} - m_{000}^{(00)}(m_{100}^{(11)})^2m_{005}^{(10)}$$
$$-m_{000}^{(00)}m_{100}^{(11)}m_{100}^{(20)}m_{032}^{(22)} + 2m_{000}^{(00)}m_{100}^{(11)}m_{100}^{(20)}m_{023}^{(21)} - m_{000}^{(00)}m_{100}^{(11)}m_{100}^{(20)}m_{014}^{(11)}$$
$$+3m_{000}^{(00)}m_{100}^{(11)}m_{100}^{(21)}m_{122}^{(22)} - 2m_{000}^{(00)}m_{100}^{(11)}m_{100}^{(21)}m_{113}^{(21)} - m_{000}^{(00)}m_{100}^{(11)}m_{100}^{(21)}m_{104}^{(11)}$$
$$-4m_{000}^{(00)}m_{100}^{(11)}m_{100}^{(21)}m_{023}^{(20)} + 4m_{000}^{(00)}m_{100}^{(11)}m_{100}^{(21)}m_{014}^{(10)} - m_{000}^{(00)}m_{100}^{(11)}m_{100}^{(22)}m_{131}^{(22)}$$
$$+m_{000}^{(00)}m_{100}^{(11)}m_{100}^{(22)}m_{113}^{(11)} + 2m_{000}^{(00)}m_{100}^{(11)}m_{100}^{(22)}m_{032}^{(20)} - 2m_{000}^{(00)}m_{100}^{(11)}m_{100}^{(22)}m_{023}^{(10)}$$
$$+m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(10)}m_{113}^{(22)} - m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(10)}m_{104}^{(21)} - m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(10)}m_{014}^{(20)}$$
$$+m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(10)}m_{005}^{(10)} - m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(20)}m_{122}^{(22)} + m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(20)}m_{113}^{(21)}$$
$$+m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(20)}m_{023}^{(20)} - m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(20)}m_{014}^{(10)} - m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(21)}m_{212}^{(22)}$$
$$+m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(21)}m_{203}^{(21)} + m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(21)}m_{113}^{(20)} - m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(21)}m_{104}^{(10)}$$
$$+m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(22)}m_{221}^{(22)} - m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(22)}m_{212}^{(21)} - m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(22)}m_{122}^{(20)}$$
$$+m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(22)}m_{113}^{(10)} - 2m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(10)}m_{122}^{(22)} + 3m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(10)}m_{113}^{(21)}$$
$$-m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(10)}m_{104}^{(11)} + m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(10)}m_{023}^{(20)} - m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(10)}m_{014}^{(10)}$$
$$+2m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(11)}m_{212}^{(22)} - 2m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(11)}m_{203}^{(21)} - 2m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(11)}m_{113}^{(20)}$$
$$+2m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(11)}m_{104}^{(10)} + 2m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(20)}m_{131}^{(22)} - 3m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(20)}m_{122}^{(21)}$$
$$+m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(20)}m_{113}^{(11)} - m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(20)}m_{032}^{(20)} + m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(20)}m_{023}^{(10)}$$
$$-2m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(21)}m_{221}^{(22)} + m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(21)}m_{212}^{(21)} + m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(21)}m_{203}^{(11)}$$
$$+3m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(21)}m_{122}^{(20)} - 3m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(21)}m_{113}^{(10)} + m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(22)}m_{221}^{(21)}$$
$$-m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(22)}m_{212}^{(11)} - m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(22)}m_{131}^{(20)} + m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(22)}m_{122}^{(10)}$$
$$+2m_{000}^{(00)}m_{100}^{(20)}m_{100}^{(21)}m_{041}^{(22)} - 4m_{000}^{(00)}m_{100}^{(20)}m_{100}^{(21)}m_{032}^{(21)} + 2m_{000}^{(00)}m_{100}^{(20)}m_{100}^{(21)}m_{023}^{(11)}$$
$$-m_{000}^{(00)}m_{100}^{(20)}m_{100}^{(22)}m_{050}^{(22)} + 2m_{000}^{(00)}m_{100}^{(20)}m_{100}^{(22)}m_{041}^{(21)} - m_{000}^{(00)}m_{100}^{(20)}m_{100}^{(22)}m_{032}^{(11)}$$
$$+2m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(10)}m_{032}^{(22)} - 4m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(10)}m_{023}^{(21)} + 2m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(10)}m_{014}^{(11)}$$
$$-m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(11)}m_{122}^{(22)} + m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(11)}m_{113}^{(21)} + m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(11)}m_{023}^{(20)}$$
$$-m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(11)}m_{014}^{(10)} - 2m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(20)}m_{041}^{(22)} + 4m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(20)}m_{032}^{(21)}$$
$$-2m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(20)}m_{023}^{(11)} + 2m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(21)}m_{122}^{(21)} - 2m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(21)}m_{113}^{(11)}$$
$$-2m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(21)}m_{032}^{(20)} + 2m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(21)}m_{023}^{(10)} + m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(22)}m_{140}^{(22)}$$
$$-3m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(22)}m_{131}^{(21)} + 2m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(22)}m_{122}^{(11)} + m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(22)}m_{041}^{(20)}$$
$$-m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(22)}m_{032}^{(10)} - 2m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(10)}m_{041}^{(22)} + 4m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(10)}m_{032}^{(21)}$$
$$-2m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(10)}m_{023}^{(11)} + 2m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(11)}m_{131}^{(22)} - 3m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(11)}m_{122}^{(21)}$$
$$+m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(11)}m_{113}^{(11)} - m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(11)}m_{032}^{(20)} + m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(11)}m_{023}^{(10)}$$
$$+2m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(20)}m_{050}^{(22)} - 4m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(20)}m_{041}^{(21)} + 2m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(20)}m_{032}^{(11)}$$
$$-2m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(21)}m_{140}^{(22)} + 2m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(21)}m_{131}^{(21)} + 2m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(21)}m_{041}^{(20)}$$
$$-2m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(21)}m_{032}^{(10)} + m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(22)}m_{140}^{(21)} - m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(22)}m_{131}^{(11)}$$
$$-m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(22)}m_{050}^{(20)} + m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(22)}m_{041}^{(10)} - 2m_{000}^{(00)}(m_{100}^{(21)})^2m_{131}^{(22)}$$
$$+2m_{000}^{(00)}(m_{100}^{(21)})^2m_{113}^{(11)} + 4m_{000}^{(00)}(m_{100}^{(21)})^2m_{032}^{(20)} - 4m_{000}^{(00)}(m_{100}^{(21)})^2m_{023}^{(10)}$$
$$+m_{000}^{(00)}m_{100}^{(21)}m_{100}^{(22)}m_{140}^{(22)} + 2m_{000}^{(00)}m_{100}^{(21)}m_{100}^{(22)}m_{131}^{(21)} - 3m_{000}^{(00)}m_{100}^{(21)}m_{100}^{(22)}m_{122}^{(11)}$$

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\begin{aligned}
&-4m_{000}^{(00)}m_{100}^{(21)}m_{100}^{(22)}m_{041}^{(20)}+4m_{000}^{(00)}m_{100}^{(21)}m_{100}^{(22)}m_{032}^{(10)}-2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(10)}m_{113}^{(21)}\\
&+2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(10)}m_{104}^{(11)}+2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(10)}m_{023}^{(20)}-2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(10)}m_{014}^{(10)}\\
&-m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(11)}m_{212}^{(22)}+m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(11)}m_{203}^{(21)}+m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(11)}m_{113}^{(20)}\\
&-m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(11)}m_{104}^{(10)}+2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(20)}m_{122}^{(21)}-2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(20)}m_{113}^{(11)}\\
&-2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(20)}m_{032}^{(20)}+2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(20)}m_{023}^{(10)}+2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{221}^{(22)}\\
&-2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{203}^{(11)}-4m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{122}^{(20)}+4m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{113}^{(10)}\\
&-m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(22)}m_{230}^{(22)}-m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(22)}m_{221}^{(21)}+2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(22)}m_{212}^{(11)}\\
&+3m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(22)}m_{131}^{(20)}-3m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(22)}m_{122}^{(10)}+2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(10)}m_{131}^{(22)}\\
&-2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(10)}m_{122}^{(21)}-2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(10)}m_{032}^{(20)}+2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(10)}m_{023}^{(10)}\\
&-2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(11)}m_{221}^{(22)}+m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(11)}m_{212}^{(21)}+m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(11)}m_{203}^{(11)}\\
&+3m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(11)}m_{122}^{(20)}-3m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(11)}m_{113}^{(10)}-2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(20)}m_{140}^{(22)}\\
&+2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(20)}m_{131}^{(21)}+2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(20)}m_{041}^{(20)}-2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(20)}m_{032}^{(10)}\\
&+2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(21)}m_{230}^{(22)}-2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(21)}m_{212}^{(11)}-4m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(21)}m_{131}^{(20)}\\
&+4m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(21)}m_{122}^{(10)}-m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(22)}m_{230}^{(21)}+m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(22)}m_{221}^{(11)}\\
&+m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(22)}m_{140}^{(20)}-m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(22)}m_{131}^{(10)}-m_{000}^{(00)}(m_{100}^{(22)})^2m_{140}^{(21)}\\
&+m_{000}^{(00)}(m_{100}^{(22)})^2m_{131}^{(11)}+m_{000}^{(00)}(m_{100}^{(22)})^2m_{050}^{(20)}-m_{000}^{(00)}(m_{100}^{(22)})^2m_{041}^{(10)}\\
&-m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(10)}m_{131}^{(22)}+3m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(10)}m_{122}^{(21)}-2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(10)}m_{113}^{(11)}\\
&-m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(10)}m_{032}^{(20)}+m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(10)}m_{023}^{(10)}+m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{221}^{(22)}\\
&-m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{212}^{(21)}-m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{203}^{(20)}+m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{113}^{(10)}\\
&+m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(20)}m_{140}^{(21)}-3m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(20)}m_{131}^{(21)}+2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(20)}m_{122}^{(11)}\\
&+m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(20)}m_{041}^{(20)}-m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(20)}m_{032}^{(10)}-m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{230}^{(22)}\\
&-m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{221}^{(21)}+2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{212}^{(11)}+3m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{131}^{(20)}\\
&-3m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{122}^{(10)}+2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(22)}m_{230}^{(21)}-2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(22)}m_{221}^{(11)}\\
&-2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(22)}m_{140}^{(20)}+2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(22)}m_{131}^{(10)}-m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(10)}m_{131}^{(21)}\\
&+m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(10)}m_{122}^{(11)}+m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(10)}m_{041}^{(20)}-m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(10)}m_{032}^{(10)}\\
&+m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(11)}m_{221}^{(21)}-m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(11)}m_{212}^{(11)}-m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(11)}m_{131}^{(20)}\\
&+m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(20)}m_{131}^{(11)}+m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(20)}m_{140}^{(10)}-m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(20)}m_{041}^{(11)}\\
&-m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(21)}m_{230}^{(11)}+m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(21)}m_{140}^{(10)}-m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(21)}m_{131}^{(11)}\\
&-m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(22)}m_{140}^{(11)}+m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(22)}m_{131}^{(10)}+m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(10)}m_{023}^{(22)}\\
&-2m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(10)}m_{014}^{(21)}+m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(10)}m_{005}^{(11)}-m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(11)}m_{113}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(11)}m_{104}^{(21)}+m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(11)}m_{014}^{(20)}-m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(11)}m_{005}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(20)}m_{023}^{(22)}+2m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(20)}m_{014}^{(21)}-m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(20)}m_{005}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(21)}m_{122}^{(22)}-m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(21)}m_{113}^{(20)}-m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(21)}m_{104}^{(11)}\\
&-2m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(21)}m_{023}^{(20)}+2m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(21)}m_{014}^{(10)}-m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(22)}m_{122}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(22)}m_{113}^{(11)}+m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(22)}m_{032}^{(20)}-m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(22)}m_{023}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(10)}m_{032}^{(22)}+2m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(10)}m_{023}^{(21)}-m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(10)}m_{014}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(11)}m_{122}^{(22)}-m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(11)}m_{113}^{(21)}-m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(11)}m_{023}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(11)}m_{014}^{(10)}+m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(20)}m_{041}^{(22)}-2m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(20)}m_{032}^{(21)}
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&+m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(20)}m_{023}^{(11)} - m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(21)}m_{131}^{(22)} + m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(21)}m_{113}^{(11)}\\
&+2m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(21)}m_{032}^{(20)} - 2m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(21)}m_{023}^{(10)} + m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(22)}m_{131}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(22)}m_{122}^{(11)} - m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(22)}m_{041}^{(20)} + m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(22)}m_{032}^{(10)}\\
&-2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{122}^{(22)} + 4m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{113}^{(21)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{104}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{221}^{(22)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{212}^{(21)} + m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{203}^{(11)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(00)}m_{032}^{(22)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(00)}m_{023}^{(21)} - m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(00)}m_{014}^{(11)}\\
&+2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{122}^{(22)} - 4m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{113}^{(21)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{104}^{(11)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{212}^{(22)} + m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{203}^{(21)} + m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{113}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{104}^{(10)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{212}^{(21)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{203}^{(11)}\\
&-2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{122}^{(20)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{113}^{(10)} - m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{221}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{212}^{(11)} + m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{131}^{(20)} - m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{122}^{(10)}\\
&+2m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{212}^{(22)} - 2m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{203}^{(21)} - 2m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{113}^{(20)}\\
&+2m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{104}^{(10)} - m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(22)}m_{311}^{(22)} + m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(22)}m_{302}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(22)}m_{212}^{(20)} - m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(22)}m_{203}^{(10)} + m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{122}^{(22)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{113}^{(21)} - m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{023}^{(20)} + m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{014}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{122}^{(22)} + m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{203}^{(21)} + m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{113}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{104}^{(10)} - m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{221}^{(22)} + m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{212}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{122}^{(20)} - m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{113}^{(10)} + m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{311}^{(22)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{302}^{(21)} - m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{212}^{(20)} + m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{203}^{(10)}\\
&+2m_{000}^{(00)}(m_{010}^{(20)})^2m_{131}^{(22)} - 4m_{000}^{(00)}(m_{010}^{(20)})^2m_{122}^{(21)} + 2m_{000}^{(00)}(m_{010}^{(20)})^2m_{113}^{(11)}\\
&-2m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{221}^{(22)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{203}^{(11)} + 4m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{122}^{(20)}\\
&-4m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{113}^{(10)} - m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{230}^{(22)} + 4m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{221}^{(21)}\\
&-3m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{212}^{(11)} - 2m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{131}^{(20)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{122}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(00)}m_{041}^{(22)} - 2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(00)}m_{032}^{(21)} + m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(00)}m_{023}^{(11)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{221}^{(22)} + m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{212}^{(21)} + m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{122}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{113}^{(10)} - 2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(20)}m_{140}^{(22)} + 4m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(20)}m_{131}^{(21)}\\
&-2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(20)}m_{122}^{(11)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{230}^{(22)} - 2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{221}^{(21)}\\
&-2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{131}^{(20)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{122}^{(10)} - m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{230}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{221}^{(11)} + m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{140}^{(20)} - m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{131}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{320}^{(22)} - m_{000}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{302}^{(11)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{221}^{(20)}\\
&+2m_{000}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{212}^{(10)} - m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{131}^{(22)} + m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{113}^{(11)}\\
&+2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{032}^{(20)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{023}^{(10)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{212}^{(21)}\\
&-2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{203}^{(11)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{122}^{(20)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{113}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{311}^{(22)} - m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{302}^{(21)} - m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{212}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{203}^{(11)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{230}^{(22)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{221}^{(21)}\\
&-2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{131}^{(20)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{122}^{(10)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(21)}m_{320}^{(22)}\\
&+2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(21)}m_{302}^{(11)} + 4m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(21)}m_{221}^{(20)} - 4m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(21)}m_{212}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{320}^{(21)} - m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{311}^{(11)} - m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{230}^{(20)}
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&+m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{221}^{(10)} - m_{000}^{(00)}(m_{010}^{(22)})^2m_{320}^{(21)} + m_{000}^{(00)}(m_{010}^{(22)})^2m_{311}^{(11)}\\
&+m_{000}^{(00)}(m_{010}^{(22)})^2m_{230}^{(20)} - m_{000}^{(00)}(m_{010}^{(22)})^2m_{221}^{(10)} + m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(00)}m_{131}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(00)}m_{122}^{(11)} - m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(00)}m_{041}^{(20)} + m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(00)}m_{032}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{221}^{(21)} + m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{212}^{(11)} + m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{131}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{122}^{(10)} - m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{230}^{(21)} + m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{221}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{140}^{(20)} - m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{131}^{(10)} + m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(21)}m_{320}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(21)}m_{311}^{(11)} - m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(21)}m_{230}^{(20)} + m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(21)}m_{221}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(10)}m_{041}^{(22)} - 2m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(10)}m_{032}^{(21)} + m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(10)}m_{023}^{(11)}\\
&-m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(11)}m_{131}^{(22)} + m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(11)}m_{122}^{(21)} + m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(11)}m_{032}^{(20)}\\
&-m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(11)}m_{023}^{(10)} - m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(20)}m_{050}^{(22)} + 2m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(20)}m_{041}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(20)}m_{032}^{(11)} + m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(21)}m_{140}^{(22)} - m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(21)}m_{122}^{(11)}\\
&-2m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(21)}m_{041}^{(20)} + 2m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(21)}m_{032}^{(10)} - m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(22)}m_{140}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(22)}m_{131}^{(11)} + m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(22)}m_{050}^{(20)} - m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(22)}m_{041}^{(10)}\\
&-2m_{000}^{(00)}(m_{001}^{(10)})^2m_{131}^{(22)} + 4m_{000}^{(00)}(m_{001}^{(10)})^2m_{122}^{(21)} - 2m_{000}^{(00)}(m_{001}^{(10)})^2m_{113}^{(11)}\\
&+3m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{221}^{(10)} - 4m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{212}^{(11)} + m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(11)}m_{203}^{(11)}\\
&-2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{122}^{(10)} + 2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{001}^{(10)}m_{113}^{(11)} + 2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{001}^{(22)}m_{140}^{(10)}\\
&-4m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{131}^{(10)} + 2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{001}^{(11)}m_{122}^{(11)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{001}^{(22)}m_{230}^{(10)}\\
&+2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{001}^{(11)}m_{212}^{(10)} + 4m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{001}^{(20)}m_{131}^{(10)} - 4m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{001}^{(10)}m_{122}^{(10)}\\
&+2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{001}^{(21)}m_{230}^{(10)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{001}^{(11)}m_{221}^{(10)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{001}^{(20)}m_{140}^{(10)}\\
&+2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{001}^{(10)}m_{131}^{(10)} - m_{000}^{(00)}(m_{001}^{(11)})^2m_{311}^{(22)} + m_{000}^{(00)}(m_{001}^{(11)})^2m_{302}^{(21)}\\
&+m_{000}^{(00)}(m_{001}^{(11)})^2m_{212}^{(20)} - m_{000}^{(00)}(m_{001}^{(11)})^2m_{203}^{(10)} - m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{001}^{(22)}m_{230}^{(10)}\\
&+2m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{221}^{(10)} - m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{001}^{(11)}m_{212}^{(10)} + m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{001}^{(22)}m_{320}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{001}^{(11)}m_{302}^{(10)} - 2m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{001}^{(20)}m_{221}^{(10)} + 2m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{001}^{(10)}m_{212}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{001}^{(21)}m_{320}^{(10)} + m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{001}^{(11)}m_{311}^{(10)} + m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{001}^{(20)}m_{230}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{001}^{(10)}m_{221}^{(10)} - m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(11)}m_{100}^{(22)}m_{023}^{(10)} + 2m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(11)}m_{100}^{(21)}m_{014}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(11)}m_{100}^{(11)}m_{005}^{(10)} + 2m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(21)}m_{100}^{(22)}m_{032}^{(10)} - 4m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(21)}m_{100}^{(21)}m_{023}^{(10)}\\
&+2m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(21)}m_{100}^{(11)}m_{014}^{(10)} - m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(22)}m_{100}^{(22)}m_{041}^{(10)} + 2m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(22)}m_{100}^{(21)}m_{032}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(22)}m_{100}^{(11)}m_{023}^{(10)} + m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(10)}m_{010}^{(22)}m_{023}^{(10)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(10)}m_{010}^{(21)}m_{014}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(10)}m_{010}^{(11)}m_{005}^{(10)} - m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(20)}m_{010}^{(22)}m_{032}^{(10)} + 2m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(20)}m_{010}^{(21)}m_{023}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(20)}m_{010}^{(11)}m_{014}^{(10)} - m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(22)}m_{122}^{(10)} + 2m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{113}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(11)}m_{104}^{(10)} + m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(22)}m_{131}^{(10)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{122}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{113}^{(10)} - m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(10)}m_{001}^{(22)}m_{032}^{(10)} + 2m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(10)}m_{001}^{(21)}m_{023}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(10)}m_{001}^{(11)}m_{014}^{(10)} + m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(11)}m_{001}^{(22)}m_{122}^{(10)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(11)}m_{001}^{(21)}m_{113}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(11)}m_{001}^{(11)}m_{104}^{(10)} + m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(20)}m_{001}^{(22)}m_{041}^{(10)} - 2m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(20)}m_{001}^{(21)}m_{032}^{(10)}\\
&+m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(20)}m_{001}^{(11)}m_{023}^{(10)} - m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(21)}m_{001}^{(22)}m_{131}^{(10)} + 2m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(21)}m_{001}^{(21)}m_{122}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(21)}m_{001}^{(11)}m_{113}^{(10)} + m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(00)}m_{023}^{(22)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(00)}m_{014}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(00)}m_{005}^{(11)} - m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(11)}m_{003}^{(22)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(11)}m_{104}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(11)}m_{005}^{(00)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(20)}m_{122}^{(22)} + 4m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(20)}m_{113}^{(21)}
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&-2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(20)}m_{104}^{(11)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(21)}m_{212}^{(22)} - 4m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(21)}m_{113}^{(20)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(21)}m_{014}^{(00)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(22)}m_{212}^{(21)} + m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(22)}m_{203}^{(11)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(22)}m_{122}^{(20)} - m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(22)}m_{023}^{(00)} - m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(00)}m_{032}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(00)}m_{023}^{(21)} - m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(00)}m_{014}^{(11)} + m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(11)}m_{212}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(11)}m_{113}^{(20)} + m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(11)}m_{014}^{(00)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(20)}m_{131}^{(22)}\\
&-4m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(20)}m_{122}^{(21)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(20)}m_{113}^{(11)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{221}^{(22)}\\
&+4m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{122}^{(20)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{023}^{(00)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(22)}m_{221}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(22)}m_{212}^{(11)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(22)}m_{131}^{(20)} + m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(22)}m_{032}^{(00)}\\
&+m_{000}^{(10)}(m_{100}^{(11)})^2m_{203}^{(22)} - 2m_{000}^{(10)}(m_{100}^{(11)})^2m_{104}^{(20)} + m_{000}^{(10)}(m_{100}^{(11)})^2m_{005}^{(00)}\\
&+2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(20)}m_{122}^{(22)} - 4m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(20)}m_{113}^{(21)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(20)}m_{104}^{(11)}\\
&-4m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(21)}m_{212}^{(22)} + 8m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(21)}m_{113}^{(20)} - 4m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(21)}m_{014}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{221}^{(22)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{212}^{(21)} - m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{203}^{(11)}\\
&-4m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{122}^{(20)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{023}^{(00)} - m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(10)}m_{203}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(10)}m_{104}^{(20)} - m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(10)}m_{005}^{(00)} + m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(20)}m_{212}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(20)}m_{113}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(20)}m_{014}^{(00)} + m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(21)}m_{302}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(21)}m_{203}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(21)}m_{104}^{(00)} - m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(22)}m_{311}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(22)}m_{212}^{(20)} - m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(22)}m_{113}^{(00)} + m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(00)}m_{122}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(00)}m_{113}^{(21)} + m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(00)}m_{104}^{(11)} + m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(10)}m_{212}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(10)}m_{113}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(10)}m_{014}^{(00)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(11)}m_{302}^{(22)}\\
&+4m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(11)}m_{203}^{(20)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(11)}m_{104}^{(00)} - 3m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{221}^{(22)}\\
&+4m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{212}^{(21)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{203}^{(11)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{122}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{023}^{(00)} + 3m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(21)}m_{311}^{(22)} - 6m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(21)}m_{212}^{(20)}\\
&+3m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(21)}m_{113}^{(00)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{311}^{(21)} + m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{302}^{(11)}\\
&+2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{221}^{(20)} - m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{122}^{(00)} - 4m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(21)}m_{131}^{(22)}\\
&+8m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(21)}m_{122}^{(21)} - 4m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(21)}m_{113}^{(11)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(22)}m_{140}^{(22)}\\
&-4m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(22)}m_{131}^{(21)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(22)}m_{122}^{(11)} - m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(00)}m_{032}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(00)}m_{023}^{(21)} - m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(00)}m_{014}^{(11)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(10)}m_{122}^{(22)}\\
&+4m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(10)}m_{113}^{(21)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(10)}m_{104}^{(11)} + m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(11)}m_{212}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(11)}m_{113}^{(20)} + m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(11)}m_{014}^{(00)} + 4m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(20)}m_{131}^{(22)}\\
&-8m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(20)}m_{122}^{(21)} + 4m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(20)}m_{113}^{(11)} - 4m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{212}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{203}^{(11)} + 4m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{122}^{(20)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{023}^{(00)}\\
&-2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{230}^{(22)} + 6m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{221}^{(21)} - 3m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{212}^{(11)}\\
&-2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{131}^{(20)} + m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{032}^{(00)} + m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(00)}m_{041}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(00)}m_{032}^{(21)} + m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(00)}m_{023}^{(11)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(10)}m_{131}^{(22)}\\
&-4m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(10)}m_{122}^{(21)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(10)}m_{113}^{(11)} - 3m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{221}^{(22)}\\
&+4m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{212}^{(21)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{203}^{(11)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{122}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{023}^{(00)} - 4m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(20)}m_{140}^{(22)} + 8m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(20)}m_{131}^{(21)}\\
&-4m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(20)}m_{122}^{(11)} + 4m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{230}^{(22)} - 4m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{221}^{(21)}
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$$+2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{212}^{(11)} - 4m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{131}^{(20)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{032}^{(00)}$$
$$-2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{230}^{(21)} + m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{221}^{(11)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{140}^{(20)}$$
$$-m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{041}^{(00)} + 4m_{000}^{(10)}(m_{100}^{(21)})^2m_{221}^{(22)} - 8m_{000}^{(10)}(m_{100}^{(21)})^2m_{122}^{(20)}$$
$$+4m_{000}^{(10)}(m_{100}^{(21)})^2m_{023}^{(00)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{230}^{(22)} - 4m_{000}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{221}^{(21)}$$
$$+2m_{000}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{212}^{(11)} + 8m_{000}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{131}^{(20)} - 4m_{000}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{032}^{(00)}$$
$$-m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(00)}m_{122}^{(22)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(00)}m_{113}^{(21)} - m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(00)}m_{104}^{(11)}$$
$$+2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{212}^{(22)} - 4m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{113}^{(20)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{014}^{(00)}$$
$$+m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(11)}m_{302}^{(22)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(11)}m_{203}^{(20)} + m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(11)}m_{104}^{(00)}$$
$$-4m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{212}^{(21)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{203}^{(11)} + 4m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{122}^{(20)}$$
$$-2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{023}^{(00)} - 4m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(21)}m_{311}^{(22)} + 8m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(21)}m_{212}^{(20)}$$
$$-4m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(21)}m_{113}^{(00)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{320}^{(22)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{311}^{(21)}$$
$$-m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{302}^{(11)} - 6m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{221}^{(20)} + 3m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{122}^{(00)}$$
$$-m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(00)}m_{131}^{(22)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(00)}m_{122}^{(21)} - m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(00)}m_{113}^{(11)}$$
$$-2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{221}^{(22)} + 4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{122}^{(20)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{023}^{(00)}$$
$$+3m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{311}^{(22)} - 6m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{212}^{(20)} + 3m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{113}^{(00)}$$
$$+4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{230}^{(22)} - 4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{221}^{(21)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{212}^{(11)}$$
$$-4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{131}^{(20)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{032}^{(00)} - 4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{320}^{(22)}$$
$$+8m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{221}^{(20)} - 4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{122}^{(00)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{320}^{(21)}$$
$$-m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{311}^{(11)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{230}^{(20)} + m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{131}^{(00)}$$
$$+2m_{000}^{(10)}(m_{100}^{(22)})^2m_{230}^{(21)} - m_{000}^{(10)}(m_{100}^{(22)})^2m_{221}^{(11)} - 2m_{000}^{(10)}(m_{100}^{(22)})^2m_{140}^{(20)}$$
$$+m_{000}^{(10)}(m_{100}^{(22)})^2m_{041}^{(00)} + m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(00)}m_{131}^{(22)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(00)}m_{122}^{(21)}$$
$$+m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(00)}m_{113}^{(11)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{212}^{(21)} + m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{203}^{(11)}$$
$$+2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{122}^{(20)} - m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{023}^{(00)} - m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{311}^{(22)}$$
$$+2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{212}^{(20)} - m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{113}^{(00)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{230}^{(22)}$$
$$+6m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{221}^{(21)} - 3m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{212}^{(11)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{131}^{(20)}$$
$$+m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{032}^{(00)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{320}^{(22)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{311}^{(21)}$$
$$-m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{302}^{(11)} - 6m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{221}^{(20)} + 3m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{122}^{(00)}$$
$$-4m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(22)}m_{320}^{(21)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(22)}m_{311}^{(11)} + 4m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(22)}m_{230}^{(20)}$$
$$-2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(22)}m_{131}^{(00)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{221}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{212}^{(11)}$$
$$-2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{131}^{(20)} + m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{032}^{(00)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{311}^{(21)}$$
$$+m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{302}^{(11)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{221}^{(20)} - m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{122}^{(00)}$$
$$-2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{230}^{(21)} + m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{221}^{(11)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{140}^{(20)}$$
$$-m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{041}^{(00)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{320}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{311}^{(11)}$$
$$-2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{230}^{(20)} + m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{131}^{(00)} - m_{000}^{(10)}(m_{010}^{(00)})^2m_{023}^{(22)}$$
$$+2m_{000}^{(10)}(m_{010}^{(00)})^2m_{014}^{(21)} - m_{000}^{(10)}(m_{010}^{(00)})^2m_{005}^{(11)} + m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(11)}m_{203}^{(22)}$$
$$-2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(11)}m_{104}^{(20)} + m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(11)}m_{005}^{(00)} + 4m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(20)}m_{122}^{(22)}$$
$$-8m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(20)}m_{113}^{(21)} + 4m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(20)}m_{104}^{(11)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{212}^{(22)}$$
$$+4m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{113}^{(20)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{014}^{(00)} - m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{221}^{(22)}$$

$$+4m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{212}^{(21)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{203}^{(11)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{122}^{(20)}$$
$$+m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{023}^{(00)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(00)}m_{032}^{(22)} - 4m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(00)}m_{023}^{(21)}$$
$$+2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(00)}m_{014}^{(11)} - m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(10)}m_{122}^{(22)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(10)}m_{113}^{(21)}$$
$$-m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(10)}m_{104}^{(11)} - m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(11)}m_{212}^{(22)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(11)}m_{113}^{(20)}$$
$$-m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(11)}m_{014}^{(00)} - 3m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{131}^{(22)} + 6m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{122}^{(21)}$$
$$-3m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{113}^{(11)} + 3m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{221}^{(22)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{212}^{(21)}$$
$$+m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{203}^{(11)} - 4m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{122}^{(20)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{023}^{(00)}$$
$$-2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{221}^{(21)} + m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{212}^{(11)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{131}^{(20)}$$
$$-m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{032}^{(00)} - m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{122}^{(22)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{113}^{(21)}$$
$$-m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{104}^{(11)} + m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(11)}m_{302}^{(22)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(11)}m_{203}^{(20)}$$
$$+m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(11)}m_{104}^{(00)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{221}^{(22)} - 4m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{212}^{(21)}$$
$$+2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{203}^{(11)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(21)}m_{311}^{(22)} + 4m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(21)}m_{212}^{(20)}$$
$$-2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(21)}m_{113}^{(00)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{311}^{(21)} - m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{302}^{(11)}$$
$$-2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{221}^{(20)} + m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{122}^{(00)} - 2m_{000}^{(10)}m_{010}^{(11)}m_{010}^{(20)}m_{302}^{(22)}$$
$$+4m_{000}^{(10)}m_{010}^{(11)}m_{010}^{(20)}m_{203}^{(20)} - 2m_{000}^{(10)}m_{010}^{(11)}m_{010}^{(20)}m_{104}^{(00)} + m_{000}^{(10)}m_{010}^{(11)}m_{010}^{(22)}m_{401}^{(22)}$$
$$-2m_{000}^{(10)}m_{010}^{(11)}m_{010}^{(22)}m_{302}^{(20)} + m_{000}^{(10)}m_{010}^{(11)}m_{010}^{(22)}m_{203}^{(00)} - m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{212}^{(22)}$$
$$+2m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{113}^{(20)} - m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{014}^{(00)} + m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(10)}m_{302}^{(22)}$$
$$-2m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(10)}m_{203}^{(20)} + m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(10)}m_{104}^{(00)} + m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{311}^{(22)}$$
$$-2m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{212}^{(20)} + m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{113}^{(00)} - m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(21)}m_{401}^{(22)}$$
$$+2m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(21)}m_{302}^{(20)} - m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(21)}m_{203}^{(00)} - 4m_{000}^{(10)}(m_{010}^{(20)})^2m_{221}^{(22)}$$
$$+8m_{000}^{(10)}(m_{010}^{(20)})^2m_{212}^{(21)} - 4m_{000}^{(10)}(m_{010}^{(20)})^2m_{203}^{(11)} + 4m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{311}^{(22)}$$
$$-8m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{212}^{(20)} + 4m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{113}^{(00)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{320}^{(22)}$$
$$-8m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{311}^{(21)} + 4m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{302}^{(11)} + 4m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{221}^{(20)}$$
$$-2m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{122}^{(00)} - 3m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{131}^{(22)} + 6m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{122}^{(21)}$$
$$-3m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{113}^{(11)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{221}^{(22)} - 4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{212}^{(21)}$$
$$+2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{203}^{(11)} + m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{311}^{(22)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{212}^{(20)}$$
$$+m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{113}^{(00)} + 4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{230}^{(22)} - 8m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{221}^{(21)}$$
$$+4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{212}^{(11)} - 4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{320}^{(22)} + 4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{311}^{(21)}$$
$$-2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{302}^{(11)} + 4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{221}^{(20)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{122}^{(00)}$$
$$+2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{320}^{(21)} - m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{311}^{(11)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{230}^{(20)}$$
$$+m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{131}^{(00)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{410}^{(22)} + 4m_{000}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{311}^{(20)}$$
$$-2m_{000}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{212}^{(00)} + 3m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{221}^{(22)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{212}^{(21)}$$
$$+m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{203}^{(11)} - 4m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{122}^{(20)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{023}^{(00)}$$
$$-2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{311}^{(22)} + 4m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{212}^{(20)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{113}^{(00)}$$
$$-m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(11)}m_{401}^{(22)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(11)}m_{302}^{(20)} - m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(11)}m_{203}^{(00)}$$
$$-4m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{320}^{(22)} + 4m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{311}^{(21)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{302}^{(11)}$$
$$+4m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{221}^{(20)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{122}^{(00)} + 4m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(21)}m_{410}^{(22)}$$
$$-8m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(21)}m_{311}^{(20)} + 4m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(21)}m_{212}^{(00)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{410}^{(21)}$$

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\begin{aligned}
&+m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{401}^{(11)}+2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{320}^{(20)}-m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{221}^{(00)}\\
&+2m_{000}^{(10)}(m_{010}^{(22)})^2m_{410}^{(21)}-m_{000}^{(10)}(m_{010}^{(22)})^2m_{401}^{(11)}-2m_{000}^{(10)}(m_{010}^{(22)})^2m_{320}^{(20)}\\
&+m_{000}^{(10)}(m_{010}^{(22)})^2m_{221}^{(00)}-2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{221}^{(21)}+m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{212}^{(11)}\\
&+2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{131}^{(20)}-m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{032}^{(00)}+2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{311}^{(21)}\\
&-m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{302}^{(11)}-2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{221}^{(20)}+m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{122}^{(00)}\\
&+2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{320}^{(21)}-m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{311}^{(11)}-2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{230}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{131}^{(00)}-2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{410}^{(21)}+m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{401}^{(11)}\\
&+2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{320}^{(20)}-m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{221}^{(00)}-m_{000}^{(10)}(m_{001}^{(00)})^2m_{041}^{(22)}\\
&+2m_{000}^{(10)}(m_{001}^{(00)})^2m_{032}^{(21)}-m_{000}^{(10)}(m_{001}^{(00)})^2m_{023}^{(11)}+2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(10)}m_{131}^{(22)}\\
&-4m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(10)}m_{122}^{(21)}+2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(10)}m_{113}^{(11)}+2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{212}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{203}^{(11)}-2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{122}^{(20)}+m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{023}^{(00)}\\
&+2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(20)}m_{140}^{(22)}-4m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(20)}m_{131}^{(21)}+2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(20)}m_{122}^{(11)}\\
&-2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{230}^{(22)}+4m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{131}^{(20)}-2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{032}^{(00)}\\
&+2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{230}^{(21)}-m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{221}^{(11)}-2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{140}^{(20)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{041}^{(00)}-2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(11)}m_{311}^{(22)}+4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(11)}m_{212}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(11)}m_{113}^{(00)}-4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{230}^{(22)}+8m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{221}^{(21)}\\
&-4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{212}^{(11)}+4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{320}^{(22)}-8m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{221}^{(20)}\\
&+4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{122}^{(00)}-4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{320}^{(21)}+2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{311}^{(11)}\\
&+4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{230}^{(20)}-2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{131}^{(00)}+m_{000}^{(10)}(m_{001}^{(11)})^2m_{401}^{(22)}\\
&-2m_{000}^{(10)}(m_{001}^{(11)})^2m_{302}^{(20)}+m_{000}^{(10)}(m_{001}^{(11)})^2m_{203}^{(00)}+2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{320}^{(22)}\\
&-4m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{311}^{(21)}+2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{302}^{(11)}-2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{410}^{(22)}\\
&+4m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{311}^{(20)}-2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{212}^{(00)}+2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{410}^{(21)}\\
&-m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{401}^{(11)}-2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{320}^{(20)}+m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{221}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(11)}m_{113}^{(22)}-m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(11)}m_{104}^{(21)}-m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(11)}m_{014}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(11)}m_{005}^{(10)}-2m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(21)}m_{122}^{(22)}+2m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(21)}m_{113}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(21)}m_{023}^{(20)}-2m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(21)}m_{014}^{(10)}+m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(22)}m_{131}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(22)}m_{122}^{(21)}-m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(22)}m_{032}^{(20)}+m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(22)}m_{023}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(10)}m_{113}^{(22)}+m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(10)}m_{104}^{(21)}+m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(10)}m_{014}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(10)}m_{005}^{(10)}+m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(20)}m_{122}^{(22)}-m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(20)}m_{113}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(20)}m_{023}^{(20)}+m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(20)}m_{014}^{(10)}+m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(21)}m_{212}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(21)}m_{203}^{(21)}-m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(21)}m_{113}^{(20)}+m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(21)}m_{104}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(22)}m_{221}^{(22)}+m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(22)}m_{212}^{(21)}+m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(22)}m_{122}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(22)}m_{113}^{(10)}+m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(10)}m_{122}^{(22)}-m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(10)}m_{113}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(10)}m_{023}^{(20)}+m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(10)}m_{014}^{(10)}-m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(11)}m_{212}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(11)}m_{203}^{(21)}+m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(11)}m_{113}^{(20)}-m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(11)}m_{104}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(20)}m_{131}^{(22)}+m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(20)}m_{122}^{(21)}+m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(20)}m_{032}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(20)}m_{023}^{(10)}+m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(21)}m_{221}^{(22)}-m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(21)}m_{212}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(21)}m_{122}^{(20)}+m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(21)}m_{113}^{(10)}-m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(11)}m_{203}^{(22)}
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\begin{aligned}
&+2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(11)}m_{104}^{(20)} - m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(11)}m_{005}^{(00)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(21)}m_{212}^{(22)}\\
&-4m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(21)}m_{113}^{(20)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(21)}m_{014}^{(00)} - m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{221}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{122}^{(20)} - m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{023}^{(00)} - m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(00)}m_{113}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(00)}m_{104}^{(21)} + m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(00)}m_{014}^{(20)} - m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(00)}m_{005}^{(10)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(10)}m_{203}^{(22)} - 4m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(10)}m_{104}^{(20)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(10)}m_{005}^{(00)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(20)}m_{203}^{(21)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(20)}m_{113}^{(20)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(20)}m_{104}^{(10)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(20)}m_{014}^{(00)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(21)}m_{302}^{(22)} + 4m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(21)}m_{203}^{(20)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(21)}m_{104}^{(00)} + m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(22)}m_{311}^{(22)} + m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(22)}m_{302}^{(21)}\\
&-3m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(22)}m_{212}^{(20)} - m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(22)}m_{203}^{(10)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(22)}m_{113}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(00)}m_{122}^{(22)} - m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(00)}m_{113}^{(21)} - m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(00)}m_{023}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(00)}m_{014}^{(10)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(10)}m_{212}^{(22)} + 4m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(10)}m_{113}^{(20)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(10)}m_{014}^{(00)} + m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(11)}m_{302}^{(22)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(11)}m_{203}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(11)}m_{104}^{(00)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{212}^{(21)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{122}^{(20)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{113}^{(10)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{023}^{(00)} - m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(22)}m_{311}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(22)}m_{221}^{(20)} + m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(22)}m_{212}^{(10)} - m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(22)}m_{122}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(20)}m_{212}^{(22)} + 2m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(20)}m_{203}^{(21)} - 2m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(20)}m_{104}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(20)}m_{014}^{(00)} + m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(21)}m_{302}^{(22)} - 2m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(21)}m_{203}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(21)}m_{104}^{(00)} - m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(22)}m_{302}^{(21)} + m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(22)}m_{212}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(22)}m_{203}^{(10)} - m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(22)}m_{113}^{(00)} - m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(00)}m_{212}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(00)}m_{203}^{(21)} + m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(00)}m_{113}^{(20)} - m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(00)}m_{104}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(10)}m_{302}^{(22)} - 2m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(10)}m_{203}^{(20)} + m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(10)}m_{104}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(20)}m_{311}^{(22)} - 2m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(20)}m_{302}^{(21)} + 2m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(20)}m_{203}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(20)}m_{113}^{(00)} - m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(21)}m_{401}^{(22)} + 2m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(21)}m_{302}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(21)}m_{203}^{(00)} + m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(22)}m_{401}^{(21)} - m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(22)}m_{311}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(22)}m_{302}^{(10)} + m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(22)}m_{212}^{(00)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{221}^{(22)}\\
&-4m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{212}^{(21)} + 4m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{113}^{(10)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{023}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{230}^{(22)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{221}^{(21)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{122}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{032}^{(00)} + m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(00)}m_{122}^{(22)} - m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(00)}m_{113}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(00)}m_{023}^{(20)} + m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(00)}m_{014}^{(10)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{203}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{113}^{(20)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{104}^{(10)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{014}^{(00)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{221}^{(22)} + 4m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{212}^{(21)} - 4m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{113}^{(10)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{023}^{(00)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{302}^{(21)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{212}^{(20)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{203}^{(10)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{113}^{(00)} + m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{320}^{(22)}\\
&-3m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{311}^{(21)} + m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{221}^{(20)} + 3m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{212}^{(10)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{122}^{(00)} - m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(00)}m_{131}^{(22)} + m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(00)}m_{122}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(00)}m_{032}^{(20)} - m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(00)}m_{023}^{(10)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{212}^{(21)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{122}^{(20)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{113}^{(10)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{023}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{311}^{(22)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{302}^{(21)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{203}^{(10)}
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&-m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{113}^{(00)}+2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(20)}m_{230}^{(22)}-4m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(20)}m_{001}^{(21)}\\
&+4m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(20)}m_{122}^{(10)}-2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(20)}m_{032}^{(00)}-2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{320}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{311}^{(21)}+2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{221}^{(20)}-2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{212}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{320}^{(21)}-m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{230}^{(20)}-m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{221}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{131}^{(00)}-2m_{000}^{(11)}(m_{100}^{(21)})^2m_{311}^{(22)}+4m_{000}^{(11)}(m_{100}^{(21)})^2m_{212}^{(20)}\\
&-2m_{000}^{(11)}(m_{100}^{(21)})^2m_{113}^{(00)}+m_{000}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{320}^{(22)}+2m_{000}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{311}^{(21)}\\
&-4m_{000}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{221}^{(20)}-2m_{000}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{212}^{(10)}+3m_{000}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{122}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(00)}m_{212}^{(22)}-m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(00)}m_{203}^{(21)}-m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(00)}m_{113}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(00)}m_{104}^{(10)}-2m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(10)}m_{302}^{(22)}+4m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(10)}m_{203}^{(20)}\\
&-2m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(10)}m_{104}^{(00)}+2m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{302}^{(21)}-2m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{212}^{(20)}\\
&-2m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{203}^{(10)}+2m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{113}^{(00)}+2m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(21)}m_{401}^{(22)}\\
&-4m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(21)}m_{302}^{(20)}+2m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(21)}m_{203}^{(00)}-m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(22)}m_{410}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(22)}m_{401}^{(21)}+3m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(22)}m_{311}^{(20)}+m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(22)}m_{302}^{(10)}\\
&-2m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(22)}m_{212}^{(00)}+m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{221}^{(22)}-m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{212}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{122}^{(20)}+m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{113}^{(10)}-m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(11)}m_{401}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(11)}m_{302}^{(20)}-m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(11)}m_{203}^{(00)}-2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{320}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{311}^{(21)}+2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{221}^{(20)}-2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{212}^{(10)}\\
&+2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(21)}m_{410}^{(22)}-4m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(21)}m_{311}^{(20)}+2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(21)}m_{212}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{410}^{(21)}+m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{320}^{(20)}+m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{311}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{221}^{(00)}-m_{000}^{(11)}(m_{100}^{(22)})^2m_{320}^{(21)}+m_{000}^{(11)}(m_{100}^{(22)})^2m_{230}^{(20)}\\
&+m_{000}^{(11)}(m_{100}^{(22)})^2m_{221}^{(10)}-m_{000}^{(11)}(m_{100}^{(22)})^2m_{131}^{(00)}-m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{221}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{212}^{(21)}+m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{122}^{(20)}-m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{113}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{311}^{(22)}+m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{302}^{(21)}-3m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{212}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{203}^{(10)}+2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{113}^{(00)}+m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{320}^{(22)}\\
&-3m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{311}^{(21)}+m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{221}^{(20)}+3m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{212}^{(10)}\\
&-2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{122}^{(00)}-m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{410}^{(22)}-m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{401}^{(21)}\\
&+3m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{311}^{(20)}+m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{302}^{(10)}-2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{212}^{(00)}\\
&+2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(22)}m_{410}^{(21)}-2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(22)}m_{320}^{(20)}-2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(22)}m_{311}^{(10)}\\
&+2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(22)}m_{221}^{(00)}-m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(10)}m_{311}^{(21)}+m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(10)}m_{221}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(10)}m_{212}^{(10)}-m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(10)}m_{122}^{(00)}+m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(11)}m_{401}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(11)}m_{311}^{(20)}-m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(11)}m_{302}^{(10)}+m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(11)}m_{212}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(20)}m_{320}^{(21)}-m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(20)}m_{230}^{(20)}-m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(20)}m_{221}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(20)}m_{131}^{(00)}-m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(21)}m_{410}^{(21)}+m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(21)}m_{320}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(21)}m_{311}^{(10)}-m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(21)}m_{221}^{(00)}+m_{000}^{(11)}(m_{010}^{(00)})^2m_{113}^{(22)}\\
&-m_{000}^{(11)}(m_{010}^{(00)})^2m_{104}^{(21)}-m_{000}^{(11)}(m_{010}^{(00)})^2m_{014}^{(20)}+m_{000}^{(11)}(m_{010}^{(00)})^2m_{005}^{(10)}\\
&-m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(10)}m_{203}^{(22)}+2m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(10)}m_{104}^{(20)}-m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(10)}m_{005}^{(00)}\\
&-3m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(20)}m_{212}^{(22)}+4m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(20)}m_{203}^{(21)}+2m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(20)}m_{113}^{(20)}\\
&-4m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(20)}m_{104}^{(10)}+m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(20)}m_{014}^{(00)}+m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(21)}m_{302}^{(22)}
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&-2m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(21)}m_{203}^{(20)} + m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(21)}m_{104}^{(00)} + m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(22)}m_{311}^{(22)}\\
&-2m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(22)}m_{302}^{(21)} + 2m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(22)}m_{203}^{(10)} - m_{000}^{(11)}m_{010}^{(00)}m_{010}^{(22)}m_{113}^{(00)}\\
&-2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(00)}m_{122}^{(22)} + 2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(00)}m_{113}^{(21)} + 2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(00)}m_{023}^{(20)}\\
&-2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(00)}m_{014}^{(10)} + 2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(10)}m_{212}^{(22)} - m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(10)}m_{203}^{(21)}\\
&-3m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(10)}m_{113}^{(20)} + m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(10)}m_{104}^{(10)} + m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(10)}m_{014}^{(00)}\\
&+2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{221}^{(22)} - 3m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{212}^{(21)} - m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{122}^{(20)}\\
&+3m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{113}^{(10)} - m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{023}^{(00)} - 2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(21)}m_{311}^{(22)}\\
&+m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(21)}m_{302}^{(21)} + 3m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(21)}m_{212}^{(20)} - m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(21)}m_{203}^{(10)}\\
&-m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(21)}m_{113}^{(00)} + m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(22)}m_{311}^{(21)} - m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(22)}m_{221}^{(20)}\\
&-m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(22)}m_{212}^{(10)} + m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(22)}m_{122}^{(00)} + 2m_{000}^{(11)}m_{010}^{(10)}m_{010}^{(20)}m_{302}^{(22)}\\
&-4m_{000}^{(11)}m_{010}^{(10)}m_{010}^{(20)}m_{203}^{(20)} + 2m_{000}^{(11)}m_{010}^{(10)}m_{010}^{(20)}m_{104}^{(00)} - m_{000}^{(11)}m_{010}^{(10)}m_{010}^{(22)}m_{401}^{(22)}\\
&+2m_{000}^{(11)}m_{010}^{(10)}m_{010}^{(22)}m_{302}^{(20)} - m_{000}^{(11)}m_{010}^{(10)}m_{010}^{(22)}m_{203}^{(00)} + 2m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{212}^{(22)}\\
&-m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{203}^{(21)} - 3m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{113}^{(20)} + m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{104}^{(10)}\\
&+m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{014}^{(00)} - 2m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(10)}m_{302}^{(22)} + 4m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(10)}m_{203}^{(20)}\\
&-2m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(10)}m_{104}^{(00)} - 2m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{311}^{(22)} + 2m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{302}^{(21)}\\
&+2m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{212}^{(20)} - 2m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{203}^{(10)} + 2m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(21)}m_{401}^{(22)}\\
&-4m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(21)}m_{302}^{(20)} + 2m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(21)}m_{203}^{(00)} - m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(22)}m_{401}^{(21)}\\
&+m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(22)}m_{311}^{(20)} + m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(22)}m_{302}^{(10)} - m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(22)}m_{212}^{(00)}\\
&+2m_{000}^{(11)}(m_{010}^{(20)})^2m_{311}^{(22)} - 4m_{000}^{(11)}(m_{010}^{(20)})^2m_{302}^{(21)} + 4m_{000}^{(11)}(m_{010}^{(20)})^2m_{203}^{(10)}\\
&-2m_{000}^{(11)}(m_{010}^{(20)})^2m_{113}^{(00)} - 2m_{000}^{(11)}m_{010}^{(20)}m_{010}^{(21)}m_{401}^{(22)} + 4m_{000}^{(11)}m_{010}^{(20)}m_{010}^{(21)}m_{302}^{(20)}\\
&-2m_{000}^{(11)}m_{010}^{(20)}m_{010}^{(21)}m_{203}^{(00)} - m_{000}^{(11)}m_{010}^{(20)}m_{010}^{(22)}m_{410}^{(22)} + 4m_{000}^{(11)}m_{010}^{(20)}m_{010}^{(22)}m_{401}^{(21)}\\
&-2m_{000}^{(11)}m_{010}^{(20)}m_{010}^{(22)}m_{311}^{(20)} - 4m_{000}^{(11)}m_{010}^{(20)}m_{010}^{(22)}m_{302}^{(10)} + 3m_{000}^{(11)}m_{010}^{(20)}m_{010}^{(22)}m_{212}^{(00)}\\
&+2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{221}^{(22)} - 3m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{212}^{(21)} - m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{122}^{(20)}\\
&+3m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{113}^{(10)} - m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{023}^{(00)} - 2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{311}^{(22)}\\
&+2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{302}^{(21)} + 2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{212}^{(20)} - 2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{203}^{(10)}\\
&-2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{320}^{(22)} + 4m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{311}^{(21)} - 4m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{212}^{(10)}\\
&+2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{122}^{(00)} + 2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{410}^{(22)} - 2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{401}^{(21)}\\
&-2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{311}^{(20)} + 2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{302}^{(10)} - m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{410}^{(21)}\\
&+m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{320}^{(20)} + m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{311}^{(10)} - m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{221}^{(00)}\\
&+m_{000}^{(11)}m_{010}^{(21)}m_{010}^{(22)}m_{500}^{(22)} - 2m_{000}^{(11)}m_{010}^{(21)}m_{010}^{(22)}m_{401}^{(20)} + m_{000}^{(11)}m_{010}^{(21)}m_{010}^{(22)}m_{302}^{(00)}\\
&-2m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{311}^{(22)} + m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{302}^{(21)} + 3m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{212}^{(20)}\\
&-m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{203}^{(10)} - m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{113}^{(00)} + 2m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(10)}m_{401}^{(22)}\\
&-4m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(10)}m_{302}^{(20)} + 2m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(10)}m_{203}^{(00)} + 2m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{410}^{(22)}\\
&-2m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{401}^{(21)} - 2m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{311}^{(20)} + 2m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{302}^{(10)}\\
&-2m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(21)}m_{500}^{(22)} + 4m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(21)}m_{401}^{(20)} - 2m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(21)}m_{302}^{(00)}\\
&+m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(22)}m_{500}^{(21)} - m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(22)}m_{410}^{(20)} - m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(22)}m_{401}^{(10)}\\
&+m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(22)}m_{311}^{(00)} - m_{000}^{(11)}(m_{010}^{(22)})^2m_{500}^{(21)} + m_{000}^{(11)}(m_{010}^{(22)})^2m_{410}^{(20)}\\
&+m_{000}^{(11)}(m_{010}^{(22)})^2m_{401}^{(10)} - m_{000}^{(11)}(m_{010}^{(22)})^2m_{311}^{(00)} + m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{311}^{(21)}
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\begin{aligned}
&-m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{221}^{(20)} - m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{212}^{(10)} + m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{122}^{(00)}\\
&-m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(10)}m_{401}^{(21)} + m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(10)}m_{311}^{(20)} + m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(10)}m_{302}^{(10)}\\
&-m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(10)}m_{212}^{(00)} - m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{410}^{(21)} + m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{320}^{(20)}\\
&+m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{311}^{(10)} - m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{221}^{(20)} + m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(21)}m_{500}^{(21)}\\
&-m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(21)}m_{410}^{(20)} - m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(21)}m_{401}^{(10)} + m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(21)}m_{311}^{(00)}\\
&+m_{000}^{(11)}(m_{001}^{(00)})^2m_{131}^{(22)} - m_{000}^{(11)}(m_{001}^{(00)})^2m_{122}^{(21)} - m_{000}^{(11)}(m_{001}^{(00)})^2m_{032}^{(20)}\\
&+m_{000}^{(11)}(m_{001}^{(00)})^2m_{023}^{(10)} - 3m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{221}^{(22)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{212}^{(21)}\\
&+4m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{122}^{(20)} - 2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{113}^{(10)} - m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{023}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{311}^{(22)} - m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{302}^{(21)} - m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{212}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{203}^{(10)} - m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{230}^{(22)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{221}^{(21)}\\
&-2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{122}^{(10)} + m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{032}^{(00)} + m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{320}^{(22)}\\
&-2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{221}^{(20)} + m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{122}^{(00)} - m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{320}^{(21)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{230}^{(20)} + m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{221}^{(10)} - m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{131}^{(00)}\\
&+2m_{000}^{(11)}(m_{001}^{(10)})^2m_{311}^{(22)} - 4m_{000}^{(11)}(m_{001}^{(10)})^2m_{212}^{(20)} + 2m_{000}^{(11)}(m_{001}^{(10)})^2m_{113}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(11)}m_{401}^{(22)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(11)}m_{302}^{(20)} - m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(11)}m_{203}^{(00)}\\
&+2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{320}^{(22)} - 4m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{311}^{(21)} + 4m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{212}^{(10)}\\
&-2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{122}^{(00)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{410}^{(22)} + 4m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{311}^{(20)}\\
&-2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{212}^{(00)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{410}^{(21)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{320}^{(20)}\\
&-2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{311}^{(10)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{221}^{(00)} - m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{410}^{(22)}\\
&+2m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{401}^{(21)} - 2m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{302}^{(10)} + m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{212}^{(00)}\\
&+m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(21)}m_{500}^{(22)} - 2m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(21)}m_{401}^{(20)} + m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(21)}m_{302}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(22)}m_{500}^{(21)} + m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(22)}m_{410}^{(20)} + m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(22)}m_{401}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(22)}m_{311}^{(00)} + m_{000}^{(20)}m_{100}^{(00)}m_{100}^{(11)}m_{032}^{(22)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{100}^{(11)}m_{023}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{100}^{(11)}m_{014}^{(11)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{100}^{(21)}m_{041}^{(22)} + 4m_{000}^{(20)}m_{100}^{(00)}m_{100}^{(21)}m_{032}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(00)}m_{100}^{(21)}m_{023}^{(11)} + m_{000}^{(20)}m_{100}^{(00)}m_{100}^{(22)}m_{050}^{(22)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{100}^{(22)}m_{041}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{100}^{(22)}m_{032}^{(11)} - m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(10)}m_{032}^{(22)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(10)}m_{023}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(10)}m_{014}^{(11)} + m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(20)}m_{041}^{(22)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(20)}m_{032}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(20)}m_{023}^{(11)} + m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(21)}m_{131}^{(22)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(21)}m_{122}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(21)}m_{113}^{(11)} - m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(22)}m_{140}^{(22)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(22)}m_{131}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(22)}m_{122}^{(11)} + m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(10)}m_{041}^{(22)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(10)}m_{032}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(10)}m_{023}^{(11)} - m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(11)}m_{131}^{(22)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(11)}m_{122}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(11)}m_{113}^{(11)} - m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(20)}m_{050}^{(22)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(20)}m_{041}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(20)}m_{032}^{(11)} + m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(21)}m_{140}^{(22)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(21)}m_{131}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(21)}m_{122}^{(11)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(11)}m_{122}^{(22)} + 4m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(11)}m_{113}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(11)}m_{104}^{(11)} + 4m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(21)}m_{131}^{(22)} - 8m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(21)}m_{122}^{(21)}\\
&+4m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(21)}m_{113}^{(11)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(22)}m_{140}^{(22)} + 4m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(22)}m_{131}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(22)}m_{122}^{(11)} - m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(00)}m_{032}^{(22)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(00)}m_{023}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(00)}m_{014}^{(11)} + 4m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(10)}m_{122}^{(22)} - 8m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(10)}m_{113}^{(21)}
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$$+4m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(10)}m_{104}^{(11)} - m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(11)}m_{212}^{(22)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(11)}m_{203}^{(21)}$$
$$-2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(11)}m_{104}^{(10)} + m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(11)}m_{014}^{(00)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(20)}m_{131}^{(22)}$$
$$+4m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(20)}m_{122}^{(21)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(20)}m_{113}^{(11)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{221}^{(22)}$$
$$+4m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{212}^{(21)} - 4m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{203}^{(11)} + 4m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{113}^{(10)}$$
$$-2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{023}^{(00)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(22)}m_{230}^{(22)} - 4m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(22)}m_{221}^{(21)}$$
$$+3m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(22)}m_{212}^{(11)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(22)}m_{122}^{(10)} + m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(22)}m_{032}^{(00)}$$
$$+m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(00)}m_{041}^{(22)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(00)}m_{032}^{(21)} + m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(00)}m_{023}^{(11)}$$
$$-4m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(10)}m_{131}^{(22)} + 8m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(10)}m_{122}^{(21)} - 4m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(10)}m_{113}^{(11)}$$
$$+3m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(11)}m_{221}^{(22)} - 6m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(11)}m_{212}^{(21)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(11)}m_{203}^{(11)}$$
$$+2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(11)}m_{113}^{(10)} - m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(11)}m_{023}^{(00)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(20)}m_{140}^{(22)}$$
$$-4m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(20)}m_{131}^{(21)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(20)}m_{122}^{(11)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(21)}m_{230}^{(22)}$$
$$+4m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(21)}m_{221}^{(21)} - 4m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(21)}m_{122}^{(10)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(21)}m_{032}^{(00)}$$
$$-m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(22)}m_{221}^{(11)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(22)}m_{131}^{(10)} - m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(22)}m_{041}^{(00)}$$
$$+m_{000}^{(20)}(m_{100}^{(11)})^2m_{212}^{(22)} - 2m_{000}^{(20)}(m_{100}^{(11)})^2m_{203}^{(21)} + 2m_{000}^{(20)}(m_{100}^{(11)})^2m_{104}^{(10)}$$
$$-m_{000}^{(20)}(m_{100}^{(11)})^2m_{014}^{(00)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(21)}m_{221}^{(22)} + 4m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(21)}m_{212}^{(21)}$$
$$+2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(21)}m_{203}^{(11)} - 8m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(21)}m_{113}^{(10)} + 4m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(21)}m_{023}^{(00)}$$
$$+m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(22)}m_{230}^{(22)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(22)}m_{221}^{(21)} - m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(22)}m_{212}^{(11)}$$
$$+4m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(22)}m_{122}^{(10)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(22)}m_{032}^{(00)} - m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(10)}m_{212}^{(22)}$$
$$+2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(10)}m_{203}^{(21)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(10)}m_{104}^{(10)} + m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(10)}m_{014}^{(00)}$$
$$+m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(20)}m_{221}^{(22)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(20)}m_{212}^{(21)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(20)}m_{113}^{(10)}$$
$$-m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(20)}m_{023}^{(00)} + m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(21)}m_{311}^{(22)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(21)}m_{302}^{(21)}$$
$$+2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(21)}m_{203}^{(10)} - m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(21)}m_{113}^{(00)} - m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(22)}m_{320}^{(22)}$$
$$+2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(22)}m_{311}^{(21)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(22)}m_{212}^{(10)} + m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(22)}m_{122}^{(00)}$$
$$-m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(00)}m_{131}^{(22)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(00)}m_{122}^{(21)} - m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(00)}m_{113}^{(11)}$$
$$+3m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(10)}m_{221}^{(22)} - 6m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(10)}m_{212}^{(21)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(10)}m_{203}^{(11)}$$
$$+2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(10)}m_{113}^{(10)} - m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(10)}m_{023}^{(00)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(11)}m_{311}^{(22)}$$
$$+4m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(11)}m_{302}^{(21)} - 4m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(11)}m_{203}^{(10)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(11)}m_{113}^{(00)}$$
$$-m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(20)}m_{230}^{(22)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(20)}m_{221}^{(21)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(20)}m_{122}^{(10)}$$
$$+m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(20)}m_{032}^{(00)} + m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(21)}m_{320}^{(22)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(21)}m_{311}^{(21)}$$
$$-2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(21)}m_{302}^{(11)} + 6m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(21)}m_{212}^{(10)} - 3m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(21)}m_{122}^{(00)}$$
$$+m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(22)}m_{311}^{(11)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(22)}m_{221}^{(10)} + m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(22)}m_{131}^{(00)}$$
$$+m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(00)}m_{041}^{(22)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(00)}m_{032}^{(21)} + m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(00)}m_{023}^{(11)}$$
$$-2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(10)}m_{131}^{(22)} + 4m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(10)}m_{122}^{(21)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(10)}m_{113}^{(11)}$$
$$+m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{221}^{(22)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{212}^{(21)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{113}^{(10)}$$
$$-m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{023}^{(00)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{212}^{(11)} - 4m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{122}^{(10)}$$
$$+2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{032}^{(00)} - m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(22)}m_{221}^{(11)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(22)}m_{131}^{(10)}$$
$$-m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(22)}m_{041}^{(00)} - m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(00)}m_{050}^{(22)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(00)}m_{041}^{(21)}$$
$$-m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(00)}m_{032}^{(11)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(10)}m_{140}^{(22)} - 4m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(10)}m_{131}^{(21)}$$

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\begin{aligned}
&+2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(10)}m_{122}^{(11)} - m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(11)}m_{230}^{(22)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(11)}m_{221}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(11)}m_{122}^{(10)} + m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(11)}m_{032}^{(00)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(21)}m_{221}^{(11)}\\
&+4m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(21)}m_{131}^{(10)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(21)}m_{041}^{(00)} + m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(22)}m_{230}^{(11)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(22)}m_{140}^{(10)} + m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(22)}m_{050}^{(00)} - 4m_{000}^{(20)}(m_{100}^{(21)})^2m_{212}^{(11)}\\
&+8m_{000}^{(20)}(m_{100}^{(21)})^2m_{122}^{(10)} - 4m_{000}^{(20)}(m_{100}^{(21)})^2m_{032}^{(00)} + 4m_{000}^{(20)}m_{100}^{(21)}m_{100}^{(22)}m_{221}^{(11)}\\
&-8m_{000}^{(20)}m_{100}^{(21)}m_{100}^{(22)}m_{131}^{(10)} + 4m_{000}^{(20)}m_{100}^{(21)}m_{100}^{(22)}m_{041}^{(00)} + m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(00)}m_{131}^{(22)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(00)}m_{122}^{(21)} + m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(00)}m_{113}^{(11)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{221}^{(22)}\\
&+4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{212}^{(21)} - 4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{203}^{(11)} + 4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{113}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{023}^{(00)} + m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{311}^{(22)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{302}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{203}^{(10)} - m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{113}^{(00)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{212}^{(11)}\\
&-4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{122}^{(10)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{032}^{(00)} + 4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{302}^{(11)}\\
&-8m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{212}^{(10)} + 4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{122}^{(00)} - 3m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(22)}m_{311}^{(11)}\\
&+6m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(22)}m_{221}^{(10)} - 3m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(22)}m_{131}^{(00)} + m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(00)}m_{140}^{(22)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(00)}m_{131}^{(21)} + m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(00)}m_{122}^{(11)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{230}^{(22)}\\
&+4m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{221}^{(21)} - 4m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{122}^{(10)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{032}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(11)}m_{320}^{(22)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(11)}m_{311}^{(21)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(11)}m_{302}^{(11)}\\
&+6m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(11)}m_{212}^{(10)} - 3m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(11)}m_{122}^{(00)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(20)}m_{221}^{(11)}\\
&+4m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(20)}m_{131}^{(10)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(20)}m_{041}^{(00)} + 4m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(21)}m_{311}^{(11)}\\
&-8m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(21)}m_{221}^{(10)} + 4m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(21)}m_{131}^{(00)} - m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(22)}m_{320}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(22)}m_{230}^{(10)} - m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(22)}m_{140}^{(00)} - m_{000}^{(20)}(m_{100}^{(22)})^2m_{230}^{(11)}\\
&+2m_{000}^{(20)}(m_{100}^{(22)})^2m_{140}^{(10)} - m_{000}^{(20)}(m_{100}^{(22)})^2m_{050}^{(00)} - m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(00)}m_{140}^{(22)}\\
&+2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(00)}m_{131}^{(21)} - m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(00)}m_{122}^{(11)} + 2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{230}^{(22)}\\
&-4m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{221}^{(21)} + 3m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{212}^{(11)} - 2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{122}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{032}^{(00)} - m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{320}^{(22)} + 2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{311}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{212}^{(10)} + m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{122}^{(00)} - m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(20)}m_{221}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(20)}m_{131}^{(10)} - m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(20)}m_{041}^{(00)} - 3m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(21)}m_{311}^{(11)}\\
&+6m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(21)}m_{221}^{(10)} - 3m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(21)}m_{131}^{(00)} + 2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(22)}m_{320}^{(11)}\\
&-4m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(22)}m_{230}^{(10)} + 2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(22)}m_{140}^{(00)} - m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(10)}m_{221}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(10)}m_{131}^{(10)} - m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(10)}m_{041}^{(00)} + m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(11)}m_{311}^{(11)}\\
&-2m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(11)}m_{221}^{(10)} + m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(11)}m_{131}^{(00)} + m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(20)}m_{230}^{(11)}\\
&-2m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(20)}m_{140}^{(10)} + m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(20)}m_{050}^{(00)} - m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(21)}m_{320}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(21)}m_{230}^{(10)} - m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(21)}m_{140}^{(00)} + m_{000}^{(20)}(m_{010}^{(00)})^2m_{032}^{(22)}\\
&-2m_{000}^{(20)}(m_{010}^{(00)})^2m_{023}^{(21)} + m_{000}^{(20)}(m_{010}^{(00)})^2m_{014}^{(11)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(10)}m_{122}^{(22)}\\
&+4m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(10)}m_{113}^{(21)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(10)}m_{104}^{(11)} + m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(11)}m_{212}^{(22)}\\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(11)}m_{203}^{(21)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(11)}m_{104}^{(10)} - m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(11)}m_{014}^{(00)}\\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(20)}m_{131}^{(22)} + 4m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(20)}m_{122}^{(21)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(20)}m_{113}^{(11)}\\
&+2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{203}^{(11)} - 4m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{113}^{(10)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{023}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(22)}m_{230}^{(22)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(22)}m_{221}^{(21)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(22)}m_{122}^{(10)}
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&-m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(22)}m_{032}^{(00)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(00)}m_{041}^{(22)} + 4m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(00)}m_{032}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(00)}m_{023}^{(11)} + 3m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(10)}m_{131}^{(22)} - 6m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(10)}m_{122}^{(21)}\\
&+3m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(10)}m_{113}^{(11)} - m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(11)}m_{221}^{(22)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(11)}m_{212}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(11)}m_{113}^{(10)} + m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(11)}m_{023}^{(00)} + m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(20)}m_{140}^{(22)}\\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(20)}m_{131}^{(21)} + m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(20)}m_{122}^{(11)} - m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{230}^{(22)}\\
&+2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{221}^{(21)} - 3m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{212}^{(11)} + 4m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{122}^{(10)}\\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{032}^{(00)} + m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(22)}m_{221}^{(11)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(22)}m_{131}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(22)}m_{041}^{(00)} + 4m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{221}^{(22)} - 8m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{212}^{(21)}\\
&+4m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{203}^{(11)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{320}^{(22)} + 4m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{311}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{302}^{(11)} + 3m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(00)}m_{131}^{(22)} - 6m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(00)}m_{122}^{(21)}\\
&+3m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(00)}m_{113}^{(11)} - 4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{221}^{(22)} + 8m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{212}^{(21)}\\
&-4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{203}^{(11)} + m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{311}^{(22)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{302}^{(21)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{203}^{(10)} - m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{113}^{(00)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{230}^{(22)}\\
&+4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{221}^{(21)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{212}^{(11)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{320}^{(22)}\\
&-4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{311}^{(21)} + 4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{302}^{(11)} - 4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{212}^{(10)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{122}^{(00)} - m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(22)}m_{311}^{(11)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(22)}m_{221}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(22)}m_{131}^{(00)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{311}^{(22)} + 4m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{302}^{(21)}\\
&-4m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{203}^{(10)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{113}^{(00)} + m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{410}^{(22)}\\
&-2m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{401}^{(21)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{302}^{(10)} - m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{212}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{221}^{(22)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{212}^{(21)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{113}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{023}^{(00)} + m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{311}^{(22)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{302}^{(21)}\\
&+2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{203}^{(10)} - m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{113}^{(00)} + m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{320}^{(22)}\\
&-2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{311}^{(21)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{212}^{(10)} - m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{122}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{410}^{(22)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{401}^{(21)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{302}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{212}^{(00)} - 4m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{302}^{(11)} + 8m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{212}^{(10)}\\
&-4m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{122}^{(00)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(22)}m_{311}^{(11)} - 4m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(22)}m_{221}^{(10)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(22)}m_{131}^{(00)} + m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(00)}m_{140}^{(22)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(00)}m_{131}^{(21)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(00)}m_{122}^{(11)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{230}^{(22)} + 4m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{221}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{212}^{(11)} + m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{320}^{(22)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{311}^{(21)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{212}^{(10)} - m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{122}^{(00)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(21)}m_{311}^{(11)}\\
&-4m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(21)}m_{221}^{(10)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(21)}m_{131}^{(00)} - m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(22)}m_{320}^{(11)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(22)}m_{230}^{(10)} - m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(22)}m_{140}^{(00)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{010}^{(22)}m_{401}^{(11)}\\
&-4m_{000}^{(20)}m_{010}^{(21)}m_{010}^{(22)}m_{311}^{(10)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{010}^{(22)}m_{221}^{(00)} - m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{230}^{(22)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{221}^{(21)} - 3m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{212}^{(11)} + 4m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{122}^{(10)}\\
&-2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{032}^{(00)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{320}^{(22)} - 4m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{311}^{(21)}\\
&+4m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{302}^{(11)} - 4m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{212}^{(00)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{122}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{410}^{(22)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{401}^{(21)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{302}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{212}^{(00)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{311}^{(11)} - 4m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{221}^{(10)}
\end{aligned}
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$$+2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{131}^{(00)} - 4m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(21)}m_{401}^{(11)} + 8m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(21)}m_{311}^{(10)}$$
$$-4m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(21)}m_{221}^{(00)} + m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(22)}m_{410}^{(11)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(22)}m_{320}^{(10)}$$
$$+m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(22)}m_{230}^{(00)} - m_{000}^{(20)}(m_{010}^{(22)})^2m_{410}^{(11)} + 2m_{000}^{(20)}(m_{010}^{(22)})^2m_{320}^{(10)}$$
$$-m_{000}^{(20)}(m_{010}^{(22)})^2m_{230}^{(00)} + m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(00)}m_{221}^{(11)} - 2m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(00)}m_{131}^{(10)}$$
$$+m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(00)}m_{041}^{(00)} - m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{311}^{(11)} + 2m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{221}^{(10)}$$
$$-m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{131}^{(00)} - m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(20)}m_{320}^{(11)} + 2m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(20)}m_{230}^{(10)}$$
$$-m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(20)}m_{140}^{(00)} + m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(21)}m_{410}^{(11)} - 2m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(21)}m_{320}^{(10)}$$
$$+m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(21)}m_{230}^{(00)} + m_{000}^{(20)}(m_{001}^{(00)})^2m_{050}^{(22)} - 2m_{000}^{(20)}(m_{001}^{(00)})^2m_{041}^{(21)}$$
$$+m_{000}^{(20)}(m_{001}^{(00)})^2m_{032}^{(11)} - 4m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{140}^{(22)} + 8m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{131}^{(21)}$$
$$-4m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{122}^{(11)} + 2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{230}^{(22)} - 4m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{221}^{(21)}$$
$$+m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{212}^{(11)} + 2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{122}^{(10)} - m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{032}^{(00)}$$
$$+2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{221}^{(11)} - 4m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{131}^{(10)} + 2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{041}^{(00)}$$
$$-m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(22)}m_{230}^{(11)} + 2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(22)}m_{140}^{(10)} - m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(22)}m_{050}^{(00)}$$
$$+4m_{000}^{(20)}(m_{001}^{(10)})^2m_{230}^{(22)} - 8m_{000}^{(20)}(m_{001}^{(10)})^2m_{221}^{(21)} + 4m_{000}^{(20)}(m_{001}^{(10)})^2m_{212}^{(11)}$$
$$-4m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{320}^{(22)} + 8m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{311}^{(21)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{302}^{(11)}$$
$$-4m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{212}^{(10)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{122}^{(00)} - 4m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{311}^{(11)}$$
$$+8m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{221}^{(10)} - 4m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{131}^{(00)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(22)}m_{320}^{(11)}$$
$$-4m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(22)}m_{230}^{(10)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(22)}m_{140}^{(00)} + m_{000}^{(20)}(m_{001}^{(11)})^2m_{410}^{(22)}$$
$$-2m_{000}^{(20)}(m_{001}^{(11)})^2m_{401}^{(21)} + 2m_{000}^{(20)}(m_{001}^{(11)})^2m_{302}^{(10)} - m_{000}^{(20)}(m_{001}^{(11)})^2m_{212}^{(00)}$$
$$+2m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{401}^{(11)} - 4m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{311}^{(10)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{221}^{(00)}$$
$$-m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(22)}m_{410}^{(11)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(22)}m_{320}^{(10)} - m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(22)}m_{230}^{(00)}$$
$$-m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(11)}m_{122}^{(22)} + m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(11)}m_{104}^{(11)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(11)}m_{023}^{(20)}$$
$$-2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(11)}m_{014}^{(10)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(21)}m_{131}^{(22)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(21)}m_{113}^{(11)}$$
$$-4m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(21)}m_{032}^{(20)} + 4m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(21)}m_{023}^{(10)} - m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(22)}m_{140}^{(22)}$$
$$+m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(22)}m_{122}^{(11)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(22)}m_{041}^{(20)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(22)}m_{032}^{(10)}$$
$$+m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(10)}m_{122}^{(22)} - m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(10)}m_{104}^{(11)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(20)}m_{023}^{(10)}$$
$$+2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(10)}m_{014}^{(10)} - m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(20)}m_{131}^{(22)} + m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(20)}m_{113}^{(11)}$$
$$+2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(20)}m_{032}^{(20)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(20)}m_{023}^{(10)} - m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(21)}m_{221}^{(22)}$$
$$+m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(21)}m_{203}^{(11)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(21)}m_{122}^{(20)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(21)}m_{113}^{(10)}$$
$$+m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(22)}m_{230}^{(22)} - m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(22)}m_{212}^{(11)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(22)}m_{131}^{(20)}$$
$$+2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(22)}m_{122}^{(10)} - m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(10)}m_{131}^{(22)} + m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(10)}m_{113}^{(11)}$$
$$+2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(10)}m_{032}^{(20)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(10)}m_{023}^{(10)} + m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(11)}m_{221}^{(22)}$$
$$-m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(11)}m_{203}^{(11)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(11)}m_{122}^{(20)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(11)}m_{113}^{(10)}$$
$$+m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(20)}m_{140}^{(22)} - m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(20)}m_{122}^{(11)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(20)}m_{041}^{(20)}$$
$$+2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(20)}m_{032}^{(10)} - m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{230}^{(22)} + m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{212}^{(11)}$$
$$+2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{131}^{(20)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{122}^{(10)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(11)}m_{212}^{(22)}$$
$$-4m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(11)}m_{113}^{(20)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(11)}m_{014}^{(00)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(21)}m_{221}^{(22)}$$
$$+8m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(21)}m_{122}^{(20)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(21)}m_{023}^{(00)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}m_{230}^{(22)}$$

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\begin{aligned}
&-4m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}m_{131}^{(20)}+2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}m_{032}^{(00)}+m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(00)}m_{122}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(00)}m_{104}^{(11)}-2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(00)}m_{023}^{(20)}+2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(00)}m_{014}^{(10)}\\
&-4m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(10)}m_{212}^{(22)}+8m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(10)}m_{113}^{(20)}-4m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(10)}m_{014}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(11)}m_{302}^{(22)}-2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(11)}m_{203}^{(20)}+m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(11)}m_{104}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{221}^{(22)}+2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{203}^{(11)}-4m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{122}^{(20)}\\
&-4m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{113}^{(10)}+4m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{023}^{(00)}+2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(21)}m_{311}^{(22)}\\
&-4m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(21)}m_{212}^{(20)}+2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(21)}m_{113}^{(00)}-2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(22)}m_{320}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(22)}m_{302}^{(11)}+4m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(22)}m_{221}^{(20)}+2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(22)}m_{212}^{(10)}\\
&-3m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(22)}m_{122}^{(00)}-m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(00)}m_{131}^{(22)}+m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(00)}m_{113}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(00)}m_{032}^{(20)}-2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(00)}m_{023}^{(10)}+4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(10)}m_{221}^{(22)}\\
&-8m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(10)}m_{122}^{(20)}+4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(10)}m_{023}^{(00)}-3m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(11)}m_{311}^{(22)}\\
&+6m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(11)}m_{212}^{(20)}-3m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(11)}m_{113}^{(00)}-2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{230}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{212}^{(11)}+4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{131}^{(20)}+4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{122}^{(10)}\\
&-4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{032}^{(00)}+2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{320}^{(22)}-4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{221}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{122}^{(00)}+m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(22)}m_{311}^{(11)}-2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(22)}m_{221}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(22)}m_{131}^{(00)}-m_{000}^{(21)}(m_{100}^{(11)})^2m_{302}^{(22)}+2m_{000}^{(21)}(m_{100}^{(11)})^2m_{203}^{(20)}\\
&-m_{000}^{(21)}(m_{100}^{(11)})^2m_{104}^{(00)}-2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{203}^{(11)}+4m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{113}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{023}^{(00)}+2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(21)}m_{311}^{(22)}-4m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(21)}m_{212}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(21)}m_{113}^{(00)}-m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(22)}m_{320}^{(22)}+m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(22)}m_{302}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(22)}m_{221}^{(20)}-2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(22)}m_{212}^{(10)}+m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(10)}m_{302}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(10)}m_{203}^{(20)}+m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(10)}m_{104}^{(00)}-m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(20)}m_{311}^{(22)}\\
&+2m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(20)}m_{212}^{(20)}-m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(20)}m_{113}^{(00)}-m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(21)}m_{401}^{(22)}\\
&+2m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(21)}m_{302}^{(20)}-m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(21)}m_{203}^{(00)}+m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(22)}m_{410}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(22)}m_{311}^{(20)}+m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(22)}m_{212}^{(00)}+m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(00)}m_{221}^{(22)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(00)}m_{203}^{(11)}-2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(00)}m_{122}^{(20)}+2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(00)}m_{113}^{(10)}\\
&-3m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(10)}m_{311}^{(22)}+6m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(10)}m_{212}^{(20)}-3m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(10)}m_{113}^{(00)}\\
&+2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(11)}m_{401}^{(22)}-4m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(11)}m_{302}^{(20)}+2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(11)}m_{203}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{320}^{(22)}+2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{302}^{(11)}-2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{221}^{(20)}\\
&-4m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{212}^{(10)}+3m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{122}^{(00)}-m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(21)}m_{410}^{(22)}\\
&+2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(21)}m_{311}^{(20)}-m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(21)}m_{212}^{(00)}-m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(22)}m_{401}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(22)}m_{311}^{(10)}-m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(22)}m_{221}^{(00)}+4m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{212}^{(11)}\\
&-8m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{122}^{(10)}+4m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{032}^{(00)}-2m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(22)}m_{221}^{(11)}\\
&+4m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(22)}m_{131}^{(10)}-2m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(22)}m_{041}^{(00)}-m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(00)}m_{131}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(00)}m_{113}^{(11)}+2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(00)}m_{032}^{(20)}-2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(00)}m_{023}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{221}^{(22)}+2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{203}^{(11)}-4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{122}^{(20)}\\
&-4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{113}^{(10)}+4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{023}^{(00)}-m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(11)}m_{311}^{(22)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(11)}m_{212}^{(20)}-m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(11)}m_{113}^{(00)}-4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{212}^{(11)}\\
&+8m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{122}^{(10)}-4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{032}^{(00)}-2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{302}^{(11)}
\end{aligned}
$$

$$+4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{212}^{(10)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{122}^{(00)} + 3m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}m_{311}^{(11)}$$
$$-6m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}m_{221}^{(10)} + 3m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}m_{131}^{(00)} + m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(00)}m_{140}^{(22)}$$
$$-m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(00)}m_{122}^{(11)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(00)}m_{041}^{(20)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(00)}m_{032}^{(10)}$$
$$-2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{230}^{(22)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{212}^{(11)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{131}^{(20)}$$
$$+4m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{122}^{(10)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{032}^{(00)} + m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{320}^{(22)}$$
$$+2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{302}^{(11)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{221}^{(20)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{212}^{(10)}$$
$$+3m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{122}^{(00)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(20)}m_{221}^{(11)} - 8m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(20)}m_{131}^{(10)}$$
$$+4m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(20)}m_{041}^{(00)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(21)}m_{311}^{(11)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(21)}m_{221}^{(10)}$$
$$-2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(21)}m_{131}^{(00)} - m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(22)}m_{320}^{(11)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(22)}m_{230}^{(10)}$$
$$-m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(22)}m_{140}^{(00)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{100}^{(22)}m_{311}^{(11)} + 4m_{000}^{(21)}m_{100}^{(21)}m_{100}^{(22)}m_{221}^{(10)}$$
$$-2m_{000}^{(21)}m_{100}^{(21)}m_{100}^{(22)}m_{131}^{(00)} - m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(00)}m_{221}^{(22)} + m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(00)}m_{203}^{(11)}$$
$$+2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(00)}m_{122}^{(20)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(00)}m_{113}^{(10)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(10)}m_{311}^{(22)}$$
$$-4m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(10)}m_{212}^{(20)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(10)}m_{113}^{(00)} - m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(11)}m_{401}^{(22)}$$
$$+2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(11)}m_{302}^{(20)} - m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(11)}m_{203}^{(00)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{302}^{(11)}$$
$$+4m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{212}^{(10)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{122}^{(00)} + m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(22)}m_{401}^{(11)}$$
$$-2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(22)}m_{311}^{(10)} + m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(22)}m_{221}^{(00)} - m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}m_{230}^{(22)}$$
$$+m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}m_{212}^{(11)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}m_{131}^{(20)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}m_{122}^{(10)}$$
$$+2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{320}^{(22)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{221}^{(20)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{122}^{(00)}$$
$$-m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(11)}m_{410}^{(22)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(11)}m_{311}^{(20)} - m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(11)}m_{212}^{(00)}$$
$$-2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(11)}m_{311}^{(11)} + 4m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(20)}m_{221}^{(10)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(20)}m_{131}^{(00)}$$
$$+m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(22)}m_{410}^{(11)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(22)}m_{320}^{(10)} + m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(22)}m_{230}^{(00)}$$
$$+m_{000}^{(21)}(m_{100}^{(22)})^2m_{320}^{(11)} - 2m_{000}^{(21)}(m_{100}^{(22)})^2m_{230}^{(10)} + m_{000}^{(21)}(m_{100}^{(22)})^2m_{140}^{(00)}$$
$$+m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{230}^{(22)} - m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{212}^{(11)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{131}^{(20)}$$
$$+2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{122}^{(10)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{320}^{(22)} - m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{302}^{(11)}$$
$$+4m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{221}^{(20)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{212}^{(10)} - 3m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{122}^{(00)}$$
$$+m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(11)}m_{410}^{(22)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(11)}m_{311}^{(20)} + m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(11)}m_{212}^{(00)}$$
$$+3m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{311}^{(11)} - 6m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{221}^{(10)} + 3m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{131}^{(00)}$$
$$+m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(21)}m_{401}^{(11)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(21)}m_{311}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(21)}m_{221}^{(00)}$$
$$-2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(22)}m_{410}^{(11)} + 4m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(22)}m_{320}^{(10)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(22)}m_{230}^{(00)}$$
$$+m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(10)}m_{311}^{(11)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(10)}m_{221}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(10)}m_{131}^{(00)}$$
$$-m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(11)}m_{401}^{(11)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(11)}m_{311}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(11)}m_{221}^{(00)}$$
$$-m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(20)}m_{320}^{(11)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(20)}m_{230}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(20)}m_{140}^{(00)}$$
$$+m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(21)}m_{410}^{(11)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(21)}m_{320}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(21)}m_{230}^{(00)}$$
$$-m_{000}^{(21)}(m_{010}^{(00)})^2m_{122}^{(22)} + m_{000}^{(21)}(m_{010}^{(00)})^2m_{104}^{(11)} + 2m_{000}^{(21)}(m_{010}^{(00)})^2m_{023}^{(20)}$$
$$-2m_{000}^{(21)}(m_{010}^{(00)})^2m_{014}^{(10)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(10)}m_{212}^{(22)} - 4m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(10)}m_{113}^{(20)}$$
$$+2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(10)}m_{014}^{(00)} - m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(11)}m_{302}^{(22)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(11)}m_{203}^{(20)}$$
$$-m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(11)}m_{104}^{(00)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{221}^{(22)} - 4m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{203}^{(11)}$$
$$-4m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{122}^{(20)} + 8m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{113}^{(10)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{023}^{(00)}$$

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\begin{aligned}
&-m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{320}^{(22)}+2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{302}^{(11)}+2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{221}^{(20)}\\
&-4m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{212}^{(10)}+m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{122}^{(00)}+2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(00)}m_{131}^{(22)}\\
&-2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(00)}m_{113}^{(11)}-4m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(00)}m_{032}^{(20)}+4m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{023}^{(10)}\\
&-3m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{221}^{(22)}+m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{203}^{(11)}+6m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{122}^{(20)}\\
&-2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{113}^{(10)}-2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{023}^{(00)}+m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(11)}m_{311}^{(22)}\\
&-2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(11)}m_{212}^{(20)}+m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(11)}m_{113}^{(00)}-m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{230}^{(22)}\\
&+3m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{212}^{(11)}+2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{131}^{(20)}-6m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{122}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{032}^{(00)}+m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{320}^{(22)}-m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{302}^{(11)}\\
&-2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{221}^{(20)}+2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{212}^{(10)}-m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(22)}m_{311}^{(11)}\\
&+2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(22)}m_{221}^{(10)}-m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(22)}m_{131}^{(00)}-4m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{311}^{(22)}\\
&+8m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{212}^{(20)}-4m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{113}^{(00)}+2m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{410}^{(22)}\\
&-4m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{311}^{(20)}+2m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{212}^{(00)}-3m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{221}^{(22)}\\
&+m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{203}^{(11)}+6m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{122}^{(20)}-2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{113}^{(10)}\\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{023}^{(00)}+4m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(10)}m_{311}^{(22)}-8m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(10)}m_{212}^{(20)}\\
&+4m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(10)}m_{113}^{(00)}-m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(11)}m_{401}^{(22)}+2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(11)}m_{302}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(11)}m_{203}^{(00)}+2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{320}^{(22)}-2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{302}^{(11)}\\
&-4m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{221}^{(20)}+4m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{212}^{(10)}-2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{410}^{(22)}\\
&+4m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{311}^{(20)}-2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{212}^{(00)}+m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(22)}m_{401}^{(11)}\\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(22)}m_{311}^{(10)}+m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(22)}m_{221}^{(00)}+2m_{000}^{(21)}m_{010}^{(11)}m_{010}^{(20)}m_{401}^{(22)}\\
&-4m_{000}^{(21)}m_{010}^{(11)}m_{010}^{(20)}m_{302}^{(20)}+2m_{000}^{(21)}m_{010}^{(11)}m_{010}^{(20)}m_{203}^{(00)}-m_{000}^{(21)}m_{010}^{(11)}m_{010}^{(22)}m_{500}^{(22)}\\
&+2m_{000}^{(21)}m_{010}^{(11)}m_{010}^{(22)}m_{401}^{(20)}-m_{000}^{(21)}m_{010}^{(11)}m_{010}^{(22)}m_{302}^{(00)}+m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{311}^{(22)}\\
&-2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{212}^{(20)}+m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{113}^{(00)}-m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(10)}m_{401}^{(22)}\\
&+2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(10)}m_{302}^{(20)}-m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(10)}m_{203}^{(00)}-m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(20)}m_{410}^{(22)}\\
&+2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(20)}m_{311}^{(20)}-m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(20)}m_{212}^{(00)}+m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(21)}m_{500}^{(22)}\\
&-2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(21)}m_{401}^{(20)}+m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(21)}m_{302}^{(00)}+4m_{000}^{(21)}(m_{010}^{(20)})^2m_{302}^{(11)}\\
&-8m_{000}^{(21)}(m_{010}^{(20)})^2m_{212}^{(10)}+4m_{000}^{(21)}(m_{010}^{(20)})^2m_{122}^{(00)}-4m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(22)}m_{401}^{(11)}\\
&+8m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(22)}m_{311}^{(10)}-4m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(22)}m_{221}^{(00)}-m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{230}^{(22)}\\
&+3m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{212}^{(11)}+2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{131}^{(20)}-6m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{122}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{032}^{(00)}+2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(10)}m_{320}^{(22)}-2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(10)}m_{302}^{(11)}\\
&-4m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(10)}m_{221}^{(20)}+4m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(10)}m_{212}^{(10)}-m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(11)}m_{410}^{(22)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(11)}m_{311}^{(20)}-m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(11)}m_{212}^{(00)}-4m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(20)}m_{311}^{(11)}\\
&+8m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(20)}m_{221}^{(10)}-4m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(20)}m_{131}^{(00)}+2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(21)}m_{401}^{(11)}\\
&-4m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(21)}m_{311}^{(10)}+2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(21)}m_{221}^{(00)}+m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(22)}m_{410}^{(11)}\\
&-2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(22)}m_{320}^{(10)}+m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(22)}m_{230}^{(00)}+m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{320}^{(22)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{302}^{(11)}-2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{221}^{(20)}+2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{212}^{(10)}\\
&-2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{410}^{(22)}+4m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{311}^{(20)}-2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{212}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(11)}m_{500}^{(22)}-2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(11)}m_{401}^{(20)}+m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(11)}m_{302}^{(00)}\\
&+2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{401}^{(11)}-4m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{311}^{(10)}+2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{221}^{(00)}
\end{aligned}
$$

$$-m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(22)}m_{500}^{(11)}+2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(22)}m_{410}^{(10)}-m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(22)}m_{320}^{(00)}$$
$$+m_{000}^{(21)}(m_{010}^{(22)})^2m_{500}^{(11)}-2m_{000}^{(21)}(m_{010}^{(22)})^2m_{410}^{(10)}+m_{000}^{(21)}(m_{010}^{(22)})^2m_{320}^{(00)}$$
$$-m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{311}^{(11)}+2m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{221}^{(10)}-m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{131}^{(00)}$$
$$+m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(10)}m_{401}^{(11)}-2m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(10)}m_{311}^{(10)}+m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(10)}m_{221}^{(00)}$$
$$+m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(20)}m_{410}^{(11)}-2m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(20)}m_{320}^{(10)}+m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(20)}m_{230}^{(00)}$$
$$-m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(21)}m_{500}^{(11)}+2m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(21)}m_{410}^{(10)}-m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(21)}m_{320}^{(00)}$$
$$-m_{000}^{(21)}(m_{001}^{(00)})^2m_{140}^{(22)}+m_{000}^{(21)}(m_{001}^{(00)})^2m_{122}^{(11)}+2m_{000}^{(21)}(m_{001}^{(00)})^2m_{041}^{(20)}$$
$$-2m_{000}^{(21)}(m_{001}^{(00)})^2m_{032}^{(10)}+4m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{230}^{(22)}-2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{212}^{(11)}$$
$$-8m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{131}^{(20)}+4m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{122}^{(10)}+2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{032}^{(00)}$$
$$-2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{320}^{(22)}+m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{302}^{(11)}+4m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{221}^{(20)}$$
$$-2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{212}^{(10)}-m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{122}^{(00)}-2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{221}^{(11)}$$
$$+4m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{131}^{(10)}-2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{041}^{(00)}+m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(22)}m_{320}^{(11)}$$
$$-2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(22)}m_{230}^{(10)}+m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(22)}m_{140}^{(00)}-4m_{000}^{(21)}(m_{001}^{(10)})^2m_{320}^{(22)}$$
$$+8m_{000}^{(21)}(m_{001}^{(10)})^2m_{221}^{(20)}-4m_{000}^{(21)}(m_{001}^{(10)})^2m_{122}^{(00)}+4m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{410}^{(22)}$$
$$-8m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{311}^{(20)}+4m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{212}^{(00)}+4m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{311}^{(11)}$$
$$-8m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{221}^{(10)}+4m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{131}^{(00)}-2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(22)}m_{410}^{(11)}$$
$$+4m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(22)}m_{320}^{(10)}-2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(22)}m_{230}^{(00)}-m_{000}^{(21)}(m_{001}^{(11)})^2m_{500}^{(22)}$$
$$+2m_{000}^{(21)}(m_{001}^{(11)})^2m_{401}^{(20)}-m_{000}^{(21)}(m_{001}^{(11)})^2m_{302}^{(00)}-2m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{401}^{(11)}$$
$$+4m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{311}^{(10)}-2m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{221}^{(00)}+m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(22)}m_{500}^{(11)}$$
$$-2m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(22)}m_{410}^{(10)}+m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(22)}m_{320}^{(00)}+m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(11)}m_{122}^{(21)}$$
$$-m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(11)}m_{113}^{(11)}-m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(11)}m_{032}^{(20)}+m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(11)}m_{023}^{(10)}$$
$$-2m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)}m_{131}^{(21)}+2m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)}m_{122}^{(11)}+2m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)}m_{041}^{(20)}$$
$$-2m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)}m_{032}^{(10)}+m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(22)}m_{140}^{(21)}-m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(22)}m_{131}^{(11)}$$
$$-m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(22)}m_{050}^{(20)}+m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(22)}m_{041}^{(10)}-m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(10)}m_{010}^{(21)}m_{122}^{(21)}$$
$$+m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(10)}m_{010}^{(11)}m_{113}^{(11)}+m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(10)}m_{010}^{(20)}m_{032}^{(10)}-m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(10)}m_{010}^{(10)}m_{023}^{(10)}$$
$$+m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(20)}m_{010}^{(21)}m_{131}^{(21)}-m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(20)}m_{010}^{(11)}m_{122}^{(11)}-m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(20)}m_{010}^{(20)}m_{041}^{(20)}$$
$$+m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(20)}m_{010}^{(10)}m_{032}^{(10)}+m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{221}^{(21)}-m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{212}^{(11)}$$
$$-m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(20)}m_{131}^{(20)}+m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)}m_{010}^{(10)}m_{122}^{(10)}-m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{230}^{(21)}$$
$$+m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{221}^{(11)}+m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(20)}m_{140}^{(20)}-m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(22)}m_{010}^{(10)}m_{131}^{(10)}$$
$$+m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(10)}m_{001}^{(21)}m_{131}^{(21)}-m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(10)}m_{001}^{(11)}m_{122}^{(11)}-m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(10)}m_{001}^{(20)}m_{041}^{(20)}$$
$$+m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(10)}m_{001}^{(10)}m_{032}^{(10)}-m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(11)}m_{001}^{(21)}m_{221}^{(21)}+m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(11)}m_{001}^{(11)}m_{212}^{(11)}$$
$$+m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(11)}m_{001}^{(20)}m_{131}^{(20)}-m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(11)}m_{001}^{(10)}m_{122}^{(10)}-m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(20)}m_{001}^{(21)}m_{140}^{(21)}$$
$$+m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(20)}m_{001}^{(11)}m_{131}^{(20)}+m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(20)}m_{001}^{(20)}m_{050}^{(20)}-m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(20)}m_{001}^{(10)}m_{041}^{(10)}$$
$$+m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)}m_{001}^{(21)}m_{230}^{(21)}-m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)}m_{001}^{(11)}m_{221}^{(11)}-m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)}m_{001}^{(20)}m_{140}^{(20)}$$
$$+m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)}m_{001}^{(10)}m_{131}^{(10)}-2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{100}^{(21)}m_{212}^{(21)}+m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{100}^{(11)}m_{203}^{(11)}$$
$$+2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{100}^{(20)}m_{122}^{(20)}-m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{100}^{(00)}m_{023}^{(00)}+4m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}m_{100}^{(21)}m_{221}^{(21)}$$
$$-2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}m_{100}^{(11)}m_{212}^{(11)}-4m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}m_{100}^{(20)}m_{131}^{(20)}+2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}m_{100}^{(00)}m_{032}^{(00)}$$
$$-2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(22)}m_{100}^{(21)}m_{230}^{(21)}+m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(22)}m_{100}^{(11)}m_{221}^{(11)}+2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(22)}m_{100}^{(20)}m_{140}^{(20)}$$

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\begin{aligned}
&-m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(22)}m_{041}^{(00)} - m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(00)}m_{122}^{(21)} + m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(00)}m_{113}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(00)}m_{032}^{(20)} - m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(00)}m_{023}^{(10)} + 4m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(10)}m_{212}^{(21)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(10)}m_{203}^{(11)} - 4m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(10)}m_{122}^{(20)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(10)}m_{023}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}m_{302}^{(21)} + m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}m_{212}^{(20)} + m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}m_{203}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}m_{113}^{(00)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{221}^{(21)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{131}^{(20)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{122}^{(10)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{032}^{(00)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{311}^{(21)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{302}^{(11)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{221}^{(20)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{212}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(22)}m_{320}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(22)}m_{311}^{(11)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(22)}m_{230}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(22)}m_{131}^{(00)} + m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(00)}m_{131}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(00)}m_{122}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(00)}m_{041}^{(20)} + m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(00)}m_{032}^{(10)} - 4m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)}m_{221}^{(21)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)}m_{212}^{(11)} + 4m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)}m_{131}^{(20)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)}m_{032}^{(00)}\\
&+3m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{311}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{302}^{(11)} - 3m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{221}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{212}^{(10)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{122}^{(00)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(20)}m_{230}^{(21)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(20)}m_{140}^{(20)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(20)}m_{131}^{(10)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(20)}m_{041}^{(00)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(21)}m_{320}^{(21)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(21)}m_{230}^{(20)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(21)}m_{221}^{(10)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(21)}m_{131}^{(00)} + m_{000}^{(22)}(m_{100}^{(11)})^2m_{302}^{(21)} - m_{000}^{(22)}(m_{100}^{(11)})^2m_{212}^{(20)}\\
&-m_{000}^{(22)}(m_{100}^{(11)})^2m_{203}^{(10)} + m_{000}^{(22)}(m_{100}^{(11)})^2m_{113}^{(00)} + m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{212}^{(11)}\\
&-2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{122}^{(10)} + m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{032}^{(00)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(21)}m_{311}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(21)}m_{302}^{(11)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(21)}m_{221}^{(20)} + 4m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(21)}m_{212}^{(10)}\\
&-3m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(21)}m_{122}^{(00)} + m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(22)}m_{320}^{(21)} - m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(22)}m_{230}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(22)}m_{221}^{(10)} + m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(22)}m_{131}^{(00)} - m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(10)}m_{302}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(10)}m_{212}^{(20)} + m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(10)}m_{203}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(10)}m_{113}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)}m_{311}^{(21)} - m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)}m_{221}^{(20)} - m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)}m_{212}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)}m_{122}^{(00)} + m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(21)}m_{401}^{(21)} - m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(21)}m_{311}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(21)}m_{302}^{(10)} + m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(21)}m_{212}^{(00)} - m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(22)}m_{410}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(22)}m_{320}^{(20)} + m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(22)}m_{311}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(22)}m_{221}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(00)}m_{221}^{(21)} + m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(00)}m_{212}^{(11)} + m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(00)}m_{131}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(00)}m_{122}^{(10)} + 3m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(10)}m_{311}^{(21)} - m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(10)}m_{302}^{(11)}\\
&-3m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(10)}m_{221}^{(20)} - m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(10)}m_{212}^{(10)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(10)}m_{122}^{(00)}\\
&-2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(11)}m_{401}^{(21)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(11)}m_{311}^{(20)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(11)}m_{302}^{(10)}\\
&-2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(11)}m_{212}^{(00)} - m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(20)}m_{321}^{(21)} - m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(20)}m_{311}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(20)}m_{230}^{(20)} + 3m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(20)}m_{221}^{(10)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(20)}m_{131}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(21)}m_{410}^{(21)} + m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(21)}m_{401}^{(11)} - m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(21)}m_{320}^{(20)}\\
&-3m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(21)}m_{311}^{(10)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(21)}m_{221}^{(00)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(21)}m_{221}^{(11)}\\
&+4m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(21)}m_{131}^{(10)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(21)}m_{041}^{(00)} + m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(22)}m_{230}^{(11)}\\
&-2m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(22)}m_{140}^{(10)} + m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(22)}m_{050}^{(00)} + m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(00)}m_{131}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(00)}m_{122}^{(11)} - m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(00)}m_{041}^{(20)} + m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(00)}m_{032}^{(10)}\\
&-2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{221}^{(21)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{131}^{(20)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{122}^{(10)}
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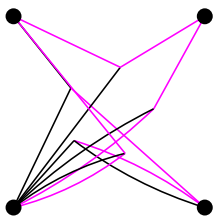
\begin{aligned}
&-2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{032}^{(00)}+m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{311}^{(21)}-m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{221}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{212}^{(10)}+m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{122}^{(00)}+2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(20)}m_{221}^{(11)}\\
&-4m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(20)}m_{131}^{(10)}+2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(20)}m_{041}^{(00)}-m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(22)}m_{320}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(22)}m_{230}^{(10)}-m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(22)}m_{140}^{(00)}-m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(00)}m_{140}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(00)}m_{131}^{(11)}+m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(00)}m_{050}^{(20)}-m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(00)}m_{041}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(10)}m_{230}^{(21)}-2m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(10)}m_{140}^{(20)}-2m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(10)}m_{131}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(10)}m_{041}^{(00)}-m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(11)}m_{320}^{(21)}-m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(11)}m_{311}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(11)}m_{230}^{(20)}+3m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(11)}m_{221}^{(10)}-2m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(11)}m_{131}^{(00)}\\
&-2m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(20)}m_{230}^{(11)}+4m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(20)}m_{140}^{(10)}-2m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(20)}m_{050}^{(00)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(21)}m_{320}^{(11)}-4m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(21)}m_{230}^{(10)}+2m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(21)}m_{140}^{(00)}\\
&+2m_{000}^{(22)}(m_{100}^{(21)})^2m_{311}^{(11)}-4m_{000}^{(22)}(m_{100}^{(21)})^2m_{221}^{(10)}+2m_{000}^{(22)}(m_{100}^{(21)})^2m_{131}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{100}^{(22)}m_{320}^{(11)}+2m_{000}^{(22)}m_{100}^{(21)}m_{100}^{(22)}m_{230}^{(10)}-m_{000}^{(22)}m_{100}^{(21)}m_{100}^{(22)}m_{140}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}m_{221}^{(21)}-m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}m_{212}^{(11)}-m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}m_{131}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}m_{122}^{(10)}-2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{311}^{(21)}+2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{302}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{221}^{(20)}-2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{212}^{(10)}+m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)}m_{401}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)}m_{311}^{(20)}-m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)}m_{302}^{(10)}+m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)}m_{212}^{(00)}\\
&-2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(21)}m_{401}^{(11)}+4m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(21)}m_{311}^{(10)}-2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(21)}m_{221}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(22)}m_{410}^{(11)}-2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(22)}m_{320}^{(10)}+m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(22)}m_{230}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(00)}m_{230}^{(21)}-m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(00)}m_{221}^{(11)}-m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(00)}m_{140}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(00)}m_{131}^{(10)}-2m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(10)}m_{320}^{(21)}+2m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(10)}m_{230}^{(20)}\\
&+2m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(10)}m_{221}^{(10)}-2m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(10)}m_{131}^{(00)}+m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(11)}m_{410}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(11)}m_{401}^{(11)}-m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(11)}m_{320}^{(20)}-3m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(11)}m_{311}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(11)}m_{221}^{(00)}+2m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(20)}m_{320}^{(11)}-4m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(20)}m_{230}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(20)}m_{140}^{(00)}-2m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(21)}m_{410}^{(11)}+4m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(21)}m_{320}^{(10)}\\
&-2m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(21)}m_{230}^{(00)}-m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(00)}m_{230}^{(21)}+m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(00)}m_{221}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(00)}m_{140}^{(20)}-m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(00)}m_{131}^{(10)}+2m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)}m_{320}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)}m_{311}^{(11)}-2m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)}m_{230}^{(20)}+m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)}m_{131}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(11)}m_{410}^{(21)}+m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(11)}m_{320}^{(20)}+m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(11)}m_{311}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(11)}m_{221}^{(00)}-m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(20)}m_{320}^{(11)}+2m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(20)}m_{230}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(20)}m_{140}^{(00)}+m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(21)}m_{410}^{(11)}-2m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(21)}m_{320}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(21)}m_{230}^{(00)}+m_{000}^{(22)}(m_{010}^{(00)})^2m_{122}^{(21)}-m_{000}^{(22)}(m_{010}^{(00)})^2m_{113}^{(11)}\\
&-m_{000}^{(22)}(m_{010}^{(00)})^2m_{032}^{(20)}+m_{000}^{(22)}(m_{010}^{(00)})^2m_{023}^{(10)}-2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{212}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{203}^{(11)}+2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{122}^{(20)}-m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{023}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{302}^{(21)}-m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{212}^{(20)}-m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{203}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{113}^{(00)}-2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{221}^{(21)}+3m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{212}^{(11)}\\
&+2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{131}^{(20)}-4m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{122}^{(10)}+m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{032}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{302}^{(11)}+2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{212}^{(10)}-m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{122}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(22)}m_{320}^{(21)}-m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(22)}m_{311}^{(11)}-m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(22)}m_{230}^{(20)}
\end{aligned}
$$

$$+m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(22)}m_{221}^{(10)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(00)}m_{131}^{(21)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(00)}m_{122}^{(11)}$$
$$+2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(00)}m_{041}^{(20)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(00)}m_{032}^{(10)} + 3m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{221}^{(21)}$$
$$-2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{212}^{(11)} - 3m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{131}^{(20)} + m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{122}^{(10)}$$
$$+m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{032}^{(00)} - m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{311}^{(21)} + m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{221}^{(20)}$$
$$+m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{212}^{(10)} - m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{122}^{(00)} + m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{230}^{(21)}$$
$$-2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{221}^{(11)} - m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{140}^{(20)} + 3m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{131}^{(10)}$$
$$-m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{041}^{(00)} - m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{320}^{(21)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{311}^{(11)}$$
$$+m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{230}^{(20)} - 3m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{221}^{(10)} + m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{131}^{(00)}$$
$$+4m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{311}^{(21)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{302}^{(11)} - 4m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{221}^{(20)}$$
$$+2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{122}^{(00)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{410}^{(21)} + m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{401}^{(11)}$$
$$+2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{320}^{(20)} - m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{221}^{(00)} + 3m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{221}^{(21)}$$
$$-2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{212}^{(11)} - 3m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{131}^{(20)} + m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{122}^{(10)}$$
$$+m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{032}^{(00)} - 4m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{311}^{(21)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{302}^{(11)}$$
$$+4m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{221}^{(20)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{122}^{(00)} + m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{401}^{(21)}$$
$$-m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{311}^{(20)} - m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{302}^{(10)} + m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{212}^{(00)}$$
$$-2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{320}^{(21)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{311}^{(11)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{230}^{(20)}$$
$$-2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{221}^{(10)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{410}^{(21)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{401}^{(11)}$$
$$-2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{320}^{(20)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{311}^{(10)} - 2m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{401}^{(21)}$$
$$+2m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{311}^{(20)} + 2m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{302}^{(10)} - 2m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{212}^{(00)}$$
$$+m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(22)}m_{500}^{(21)} - m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(22)}m_{410}^{(20)} - m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(22)}m_{401}^{(10)}$$
$$+m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(22)}m_{311}^{(00)} - m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{311}^{(21)} + m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{221}^{(20)}$$
$$+m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{212}^{(10)} - m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{122}^{(00)} + m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{401}^{(21)}$$
$$-m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{311}^{(20)} - m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{302}^{(10)} + m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{212}^{(00)}$$
$$+m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{410}^{(21)} - m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{320}^{(20)} - m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{311}^{(10)}$$
$$+m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{221}^{(00)} - m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(21)}m_{500}^{(21)} + m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(21)}m_{410}^{(20)}$$
$$+m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(21)}m_{401}^{(10)} - m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(21)}m_{311}^{(00)} - 2m_{000}^{(22)}(m_{010}^{(20)})^2m_{311}^{(11)}$$
$$+4m_{000}^{(22)}(m_{010}^{(20)})^2m_{221}^{(10)} - 2m_{000}^{(22)}(m_{010}^{(20)})^2m_{131}^{(00)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{401}^{(11)}$$
$$-4m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{311}^{(10)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{221}^{(00)} + m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(22)}m_{410}^{(11)}$$
$$-2m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(22)}m_{320}^{(10)} + m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(22)}m_{230}^{(00)} + m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(00)}m_{230}^{(21)}$$
$$-2m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(00)}m_{221}^{(11)} - m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(00)}m_{140}^{(20)} + 3m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(00)}m_{131}^{(10)}$$
$$-m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(00)}m_{041}^{(00)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{320}^{(21)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{311}^{(11)}$$
$$+2m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{230}^{(20)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{221}^{(10)} + m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{410}^{(21)}$$
$$-m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{320}^{(20)} - m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{311}^{(10)} + m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{221}^{(00)}$$
$$+2m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(20)}m_{320}^{(11)} - 4m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(20)}m_{230}^{(10)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(20)}m_{140}^{(00)}$$
$$-2m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(21)}m_{410}^{(11)} + 4m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(21)}m_{320}^{(10)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(21)}m_{230}^{(00)}$$
$$-m_{000}^{(22)}m_{010}^{(21)}m_{010}^{(22)}m_{500}^{(11)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{010}^{(22)}m_{410}^{(10)} - m_{000}^{(22)}m_{010}^{(21)}m_{010}^{(22)}m_{320}^{(00)}$$
$$-m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{320}^{(21)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{311}^{(11)} + m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{230}^{(20)}$$
$$-3m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{221}^{(10)} + m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{131}^{(00)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{410}^{(21)}$$

$$
\begin{aligned}
&-2m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{401}^{(11)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{320}^{(20)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{311}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(11)}m_{500}^{(21)} + m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(11)}m_{410}^{(20)} + m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(11)}m_{401}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(11)}m_{311}^{(00)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(20)}m_{410}^{(11)} + 4m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(20)}m_{320}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(20)}m_{230}^{(00)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(21)}m_{500}^{(11)} - 4m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(21)}m_{410}^{(10)}\\
&+2m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(21)}m_{320}^{(00)} + m_{000}^{(22)}(m_{001}^{(00)})^2m_{140}^{(21)} - m_{000}^{(22)}(m_{001}^{(00)})^2m_{131}^{(11)}\\
&-m_{000}^{(22)}(m_{001}^{(00)})^2m_{050}^{(20)} + m_{000}^{(22)}(m_{001}^{(00)})^2m_{041}^{(10)} - 4m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{230}^{(21)}\\
&+3m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{221}^{(11)} + 4m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{140}^{(20)} - 2m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{131}^{(10)}\\
&-m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(10)}m_{041}^{(00)} + 2m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{320}^{(21)} - m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{311}^{(11)}\\
&-2m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{230}^{(20)} + m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(11)}m_{131}^{(00)} + m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(20)}m_{230}^{(11)}\\
&-2m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(20)}m_{140}^{(10)} + m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(20)}m_{050}^{(00)} - m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(21)}m_{320}^{(11)}\\
&+2m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(21)}m_{230}^{(10)} - m_{000}^{(22)}m_{001}^{(00)}m_{001}^{(21)}m_{140}^{(00)} + 4m_{000}^{(22)}(m_{001}^{(10)})^2m_{320}^{(21)}\\
&-2m_{000}^{(22)}(m_{001}^{(10)})^2m_{311}^{(11)} - 4m_{000}^{(22)}(m_{001}^{(10)})^2m_{230}^{(20)} + 2m_{000}^{(22)}(m_{001}^{(10)})^2m_{131}^{(00)}\\
&-4m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{410}^{(21)} + m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{401}^{(11)} + 4m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{320}^{(20)}\\
&+2m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{311}^{(10)} - 3m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(11)}m_{221}^{(00)} - 2m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(20)}m_{320}^{(11)}\\
&+4m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(20)}m_{230}^{(10)} - 2m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(20)}m_{140}^{(00)} + 2m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(21)}m_{410}^{(11)}\\
&-4m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(21)}m_{320}^{(10)} + 2m_{000}^{(22)}m_{001}^{(10)}m_{001}^{(21)}m_{230}^{(00)} + m_{000}^{(22)}(m_{001}^{(11)})^2m_{500}^{(21)}\\
&-m_{000}^{(22)}(m_{001}^{(11)})^2m_{410}^{(20)} - m_{000}^{(22)}(m_{001}^{(11)})^2m_{401}^{(10)} + m_{000}^{(22)}(m_{001}^{(11)})^2m_{311}^{(00)}\\
&+m_{000}^{(22)}m_{001}^{(11)}m_{001}^{(20)}m_{410}^{(11)} - 2m_{000}^{(22)}m_{001}^{(11)}m_{001}^{(20)}m_{320}^{(10)} + m_{000}^{(22)}m_{001}^{(11)}m_{001}^{(20)}m_{230}^{(00)}\\
&-m_{000}^{(22)}m_{001}^{(11)}m_{001}^{(21)}m_{500}^{(11)} + 2m_{000}^{(22)}m_{001}^{(11)}m_{001}^{(21)}m_{410}^{(10)} - m_{000}^{(22)}m_{001}^{(11)}m_{001}^{(21)}m_{320}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{ccccc}
V1 & V1 & 1 & 1 & 1\\
1 & 1 & V2 & 2 & V4\\
V2 & V3 & V3 & V4 & 4
\end{array}
$$



$$
\begin{aligned}
T_{191} \;=\;& -m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(10)}m_{023}^{(22)} + 2m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(10)}m_{014}^{(21)} - m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(10)}m_{005}^{(11)}\\
&+m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(11)}m_{113}^{(22)} - m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(11)}m_{104}^{(21)} - m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(11)}m_{014}^{(20)}\\
&+m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(11)}m_{005}^{(10)} + m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(20)}m_{032}^{(22)} - 2m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(20)}m_{023}^{(21)}\\
&+m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(20)}m_{014}^{(11)} - m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(21)}m_{122}^{(22)} + m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(21)}m_{104}^{(11)}
\end{aligned}
$$

$$
\begin{aligned}
&+2m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(21)}m_{023}^{(20)} - 2m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(21)}m_{014}^{(10)} + m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(22)}m_{122}^{(21)}\\
&-m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(22)}m_{113}^{(11)} - m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(22)}m_{032}^{(20)} + m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(22)}m_{023}^{(10)}\\
&+m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(10)}m_{032}^{(22)} - 2m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(10)}m_{023}^{(21)} + m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(10)}m_{014}^{(11)}\\
&-m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(11)}m_{122}^{(22)} + m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(11)}m_{113}^{(21)} + m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(11)}m_{023}^{(20)}\\
&-m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(11)}m_{014}^{(10)} - m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(20)}m_{041}^{(22)} + 2m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(20)}m_{032}^{(21)}\\
&-m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(20)}m_{023}^{(11)} + m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(21)}m_{131}^{(22)} - m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(21)}m_{113}^{(11)}\\
&-2m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(21)}m_{032}^{(20)} + 2m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(21)}m_{023}^{(10)} - m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(22)}m_{131}^{(21)}\\
&+m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(22)}m_{122}^{(11)} + m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(22)}m_{041}^{(20)} - m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(22)}m_{032}^{(10)}\\
&+m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(00)}m_{023}^{(22)} - 2m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(00)}m_{014}^{(21)} + m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(00)}m_{005}^{(11)}\\
&-m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(10)}m_{113}^{(22)} + m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(10)}m_{104}^{(21)} + m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(10)}m_{014}^{(20)}\\
&-m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(10)}m_{005}^{(10)} - m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(20)}m_{122}^{(22)} + 3m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(20)}m_{113}^{(21)}\\
&-2m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(20)}m_{104}^{(11)} - m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(20)}m_{023}^{(20)} + m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(20)}m_{014}^{(10)}\\
&+m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(21)}m_{212}^{(22)} - m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(21)}m_{203}^{(21)} - m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(21)}m_{113}^{(20)}\\
&+m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(21)}m_{104}^{(10)} - m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(22)}m_{212}^{(21)} + m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(22)}m_{203}^{(11)}\\
&+m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(22)}m_{122}^{(20)} - m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(22)}m_{113}^{(10)} - m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(00)}m_{032}^{(22)}\\
&+2m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(00)}m_{023}^{(21)} - m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(00)}m_{014}^{(11)} + m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(10)}m_{122}^{(22)}\\
&-m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(10)}m_{113}^{(21)} - m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(10)}m_{023}^{(20)} + m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(10)}m_{014}^{(10)}\\
&+m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(20)}m_{131}^{(22)} - 3m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(20)}m_{122}^{(21)} + 2m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(20)}m_{113}^{(11)}\\
&+m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(20)}m_{032}^{(20)} - m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(20)}m_{023}^{(10)} - m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(21)}m_{221}^{(22)}\\
&+m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(21)}m_{212}^{(21)} + m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(21)}m_{122}^{(20)} - m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(21)}m_{113}^{(10)}\\
&+m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(22)}m_{221}^{(21)} - m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(22)}m_{212}^{(11)} - m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(22)}m_{131}^{(20)}\\
&+m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(22)}m_{122}^{(10)} + m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(10)}m_{032}^{(22)} - 2m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(10)}m_{023}^{(21)}\\
&+m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(10)}m_{014}^{(11)} - m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(11)}m_{122}^{(22)} + m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(11)}m_{113}^{(21)}\\
&+m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(11)}m_{023}^{(20)} - m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(11)}m_{014}^{(10)} - m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(20)}m_{041}^{(22)}\\
&+2m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(20)}m_{032}^{(21)} - m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(20)}m_{023}^{(11)} + m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(21)}m_{131}^{(22)}\\
&-m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(21)}m_{113}^{(11)} - 2m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(21)}m_{032}^{(20)} + 2m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(21)}m_{023}^{(10)}\\
&-m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(22)}m_{131}^{(21)} + m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(22)}m_{122}^{(11)} + m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(22)}m_{041}^{(20)}\\
&-m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(22)}m_{032}^{(10)} - m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(10)}m_{041}^{(22)} + 2m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(10)}m_{032}^{(21)}\\
&-m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(10)}m_{023}^{(11)} + m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(11)}m_{131}^{(22)} - m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(11)}m_{122}^{(21)}\\
&-m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(11)}m_{032}^{(20)} + m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(11)}m_{023}^{(10)} + m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(20)}m_{050}^{(22)}\\
&-2m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(20)}m_{041}^{(21)} + m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(20)}m_{032}^{(11)} - m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(21)}m_{140}^{(22)}\\
&+m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(21)}m_{122}^{(11)} + 2m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(21)}m_{041}^{(20)} - 2m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(21)}m_{032}^{(10)}\\
&+m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(22)}m_{140}^{(21)} - m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(22)}m_{131}^{(11)} - m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(22)}m_{050}^{(20)}\\
&+m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(22)}m_{041}^{(10)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(00)}m_{032}^{(22)} + 4m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(00)}m_{023}^{(21)}\\
&-2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(00)}m_{014}^{(11)} + 3m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(10)}m_{122}^{(22)} - 4m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(10)}m_{113}^{(21)}\\
&+m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(10)}m_{104}^{(11)} - 2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(10)}m_{023}^{(20)} + 2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(10)}m_{014}^{(10)}\\
&-m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(11)}m_{212}^{(22)} + m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(11)}m_{203}^{(21)} + m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(11)}m_{113}^{(20)}\\
&-m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(11)}m_{104}^{(10)} + m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(20)}m_{131}^{(22)} - 4m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(20)}m_{122}^{(21)}
\end{aligned}
$$

$$+3m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(20)}m_{113}^{(11)}+2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(20)}m_{032}^{(20)}-2m_{000}^{(00)}m_{100}^{(21)}m_{100}^{(20)}m_{010}^{(10)}$$
$$-m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{221}^{(22)}+2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{212}^{(21)}-m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{203}^{(11)}$$
$$+m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(22)}m_{221}^{(21)}-m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(22)}m_{212}^{(11)}-m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(22)}m_{131}^{(20)}$$
$$+m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(22)}m_{122}^{(10)}+2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(00)}m_{041}^{(22)}-4m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(00)}m_{032}^{(21)}$$
$$+2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(00)}m_{023}^{(11)}-3m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(10)}m_{131}^{(22)}+4m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(10)}m_{122}^{(21)}$$
$$-m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(10)}m_{113}^{(11)}+2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(10)}m_{032}^{(20)}-2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(10)}m_{023}^{(10)}$$
$$+m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(11)}m_{221}^{(22)}-m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(11)}m_{212}^{(21)}-m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(11)}m_{122}^{(20)}$$
$$+m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(11)}m_{113}^{(10)}-m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(20)}m_{140}^{(22)}+4m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(20)}m_{131}^{(21)}$$
$$-3m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(20)}m_{122}^{(11)}-2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(20)}m_{041}^{(20)}+2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(20)}m_{032}^{(10)}$$
$$+m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(21)}m_{230}^{(22)}-2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(21)}m_{221}^{(21)}+m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(21)}m_{212}^{(11)}$$
$$-m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(22)}m_{230}^{(21)}+m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(22)}m_{221}^{(11)}+m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(22)}m_{140}^{(20)}$$
$$-m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(22)}m_{131}^{(10)}+m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(00)}m_{041}^{(22)}-2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(00)}m_{032}^{(21)}$$
$$+m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(00)}m_{023}^{(11)}-2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(10)}m_{131}^{(22)}+3m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(10)}m_{122}^{(21)}$$
$$-m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(10)}m_{113}^{(11)}+m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(10)}m_{032}^{(20)}-m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(10)}m_{023}^{(10)}$$
$$+m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{221}^{(22)}-m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{212}^{(21)}-m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{122}^{(20)}$$
$$+m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{113}^{(10)}+m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(20)}m_{131}^{(21)}-m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(20)}m_{122}^{(11)}$$
$$-m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(20)}m_{041}^{(20)}+m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(20)}m_{032}^{(10)}-m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{221}^{(21)}$$
$$+m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{212}^{(11)}+m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{131}^{(20)}-m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{122}^{(10)}$$
$$-m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(00)}m_{050}^{(22)}+2m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(00)}m_{041}^{(21)}-m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(00)}m_{032}^{(11)}$$
$$+2m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(10)}m_{140}^{(22)}-3m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(10)}m_{131}^{(21)}+m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(10)}m_{122}^{(11)}$$
$$-m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(10)}m_{041}^{(20)}+m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(10)}m_{032}^{(10)}-m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(11)}m_{230}^{(22)}$$
$$+m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(11)}m_{221}^{(21)}+m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(11)}m_{131}^{(20)}-m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(11)}m_{122}^{(10)}$$
$$-m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(20)}m_{140}^{(21)}+m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(20)}m_{131}^{(11)}+m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(20)}m_{050}^{(20)}$$
$$-m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(20)}m_{041}^{(10)}+m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(21)}m_{230}^{(21)}-m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(21)}m_{221}^{(11)}$$
$$-m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(21)}m_{140}^{(20)}+m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(21)}m_{131}^{(10)}-m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(11)}m_{113}^{(22)}$$
$$+m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(11)}m_{104}^{(21)}+m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(11)}m_{014}^{(20)}-m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(11)}m_{005}^{(10)}$$
$$+2m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(21)}m_{122}^{(22)}-2m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(21)}m_{113}^{(21)}-2m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(21)}m_{023}^{(20)}$$
$$+2m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(21)}m_{014}^{(10)}-m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(22)}m_{131}^{(22)}+m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(22)}m_{122}^{(21)}$$
$$+m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(22)}m_{032}^{(20)}-m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(22)}m_{023}^{(10)}+m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(11)}m_{113}^{(21)}$$
$$-m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(11)}m_{104}^{(11)}-m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(11)}m_{023}^{(20)}+m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(11)}m_{014}^{(10)}$$
$$-2m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(21)}m_{122}^{(21)}+2m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(21)}m_{113}^{(11)}+2m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(21)}m_{032}^{(20)}$$
$$-2m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(21)}m_{023}^{(10)}+m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(22)}m_{131}^{(21)}-m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(22)}m_{122}^{(11)}$$
$$-m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(22)}m_{041}^{(20)}+m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(22)}m_{032}^{(10)}+m_{000}^{(00)}(m_{010}^{(10)})^2m_{113}^{(22)}$$
$$-m_{000}^{(00)}(m_{010}^{(10)})^2m_{104}^{(21)}-m_{000}^{(00)}(m_{010}^{(10)})^2m_{014}^{(20)}+m_{000}^{(00)}(m_{010}^{(10)})^2m_{005}^{(10)}$$
$$-2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{122}^{(22)}+2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{113}^{(21)}+2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{023}^{(20)}$$
$$-2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{014}^{(10)}-2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{212}^{(22)}+2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{203}^{(21)}$$
$$+2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{113}^{(20)}-2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{104}^{(10)}+2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{221}^{(22)}$$
$$-2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{212}^{(21)}-2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{122}^{(20)}+2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{113}^{(10)}$$

$$
\begin{aligned}
&-m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{122}^{(22)}+m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{104}^{(11)}+2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{023}^{(20)}\\
&-2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{014}^{(10)}+m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{212}^{(22)}-m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{203}^{(21)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{113}^{(20)}+m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{104}^{(10)}+m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{131}^{(22)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{113}^{(11)}-2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{032}^{(20)}+2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{023}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{221}^{(22)}+2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{212}^{(21)}-m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{203}^{(11)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{221}^{(21)}+m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{212}^{(11)}+m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{131}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{122}^{(10)}+2m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{212}^{(22)}-2m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{203}^{(21)}\\
&-2m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{113}^{(20)}+2m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{104}^{(10)}-m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(22)}m_{311}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(22)}m_{302}^{(21)}+m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(22)}m_{212}^{(20)}-m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(22)}m_{203}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{122}^{(22)}-m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{113}^{(21)}-m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{023}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{014}^{(10)}-m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{212}^{(22)}+m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{203}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{113}^{(20)}-m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{104}^{(10)}-m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{221}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{212}^{(21)}+m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{122}^{(20)}-m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{113}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{311}^{(22)}-m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{302}^{(21)}-m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{212}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{203}^{(10)}+m_{000}^{(00)}(m_{010}^{(20)})^2m_{131}^{(22)}-m_{000}^{(00)}(m_{010}^{(20)})^2m_{122}^{(21)}\\
&-m_{000}^{(00)}(m_{010}^{(20)})^2m_{032}^{(20)}+m_{000}^{(00)}(m_{010}^{(20)})^2m_{023}^{(10)}-2m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{010}^{(22)}m_{221}\\
&+2m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{212}^{(21)}+2m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{122}^{(20)}-2m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{113}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{131}^{(22)}-m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{113}^{(11)}-2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{032}^{(20)}\\
&+2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{023}^{(10)}-m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{221}^{(22)}-m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{212}^{(21)}\\
&+2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{203}^{(11)}+3m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{122}^{(20)}-3m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{113}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(20)}m_{140}^{(22)}+m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(20)}m_{122}^{(11)}+2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(20)}m_{041}^{(20)}\\
&-2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(20)}m_{032}^{(10)}+m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{230}^{(22)}+2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{221}^{(21)}\\
&-3m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{212}^{(11)}-4m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{131}^{(20)}+4m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{122}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{230}^{(21)}+m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{221}^{(11)}+m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{140}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{131}^{(10)}+m_{000}^{(00)}(m_{010}^{(21)})^2m_{311}^{(22)}-m_{000}^{(00)}(m_{010}^{(21)})^2m_{302}^{(21)}\\
&-m_{000}^{(00)}(m_{010}^{(21)})^2m_{212}^{(20)}+m_{000}^{(00)}(m_{010}^{(21)})^2m_{203}^{(10)}-2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{131}^{(22)}\\
&+2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{122}^{(21)}+2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{032}^{(20)}-2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{023}^{(10)}\\
&+3m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{221}^{(22)}-2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{212}^{(21)}-m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{203}^{(11)}\\
&-4m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{122}^{(20)}+4m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{113}^{(10)}-m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{311}^{(22)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{302}^{(21)}+m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{212}^{(20)}-m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{203}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{230}^{(22)}-2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{221}^{(21)}+m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{212}^{(11)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(21)}m_{320}^{(22)}+m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(21)}m_{302}^{(11)}+2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(21)}m_{221}^{(20)}\\
&-2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(21)}m_{212}^{(10)}+m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{320}^{(21)}-m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{311}^{(11)}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{230}^{(20)}+m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{221}^{(10)}+m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(00)}m_{140}^{(22)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(00)}m_{131}^{(21)}-m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(00)}m_{041}^{(20)}+m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(00)}m_{032}^{(10)}\\
&-2m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{230}^{(22)}+m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{221}^{(21)}+m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{212}^{(11)}\\
&+3m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{131}^{(20)}-3m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{122}^{(10)}+m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(11)}m_{320}^{(22)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(11)}m_{302}^{(11)}-2m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(11)}m_{221}^{(20)}+2m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(11)}m_{212}^{(10)}
\end{aligned}
$$

$$+m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{230}^{(21)} - m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{221}^{(11)} - m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{140}^{(20)}$$
$$+m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{131}^{(10)} - m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(21)}m_{320}^{(21)} + m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(21)}m_{311}^{(11)}$$
$$+m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(21)}m_{230}^{(20)} - m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(21)}m_{221}^{(10)} - m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(11)}m_{122}^{(21)}$$
$$+m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(11)}m_{113}^{(11)} + m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(11)}m_{032}^{(20)} - m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(11)}m_{023}^{(10)}$$
$$+2m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(21)}m_{131}^{(21)} - 2m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(21)}m_{122}^{(11)} - 2m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(21)}m_{041}^{(20)}$$
$$+2m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(21)}m_{032}^{(10)} - m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(22)}m_{140}^{(21)} + m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(22)}m_{131}^{(11)}$$
$$+m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(22)}m_{050}^{(20)} - m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(22)}m_{041}^{(10)} + m_{000}^{(00)}(m_{001}^{(10)})^2m_{122}^{(21)}$$
$$-m_{000}^{(00)}(m_{001}^{(10)})^2m_{113}^{(11)} - m_{000}^{(00)}(m_{001}^{(10)})^2m_{032}^{(20)} + m_{000}^{(00)}(m_{001}^{(10)})^2m_{023}^{(10)}$$
$$-2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{131}^{(21)} + 2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{122}^{(11)} + 2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{041}^{(20)}$$
$$-2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{032}^{(10)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{221}^{(21)} + 2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{212}^{(11)}$$
$$+2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{131}^{(20)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{122}^{(10)} + 2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{230}^{(21)}$$
$$-2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{221}^{(11)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{140}^{(20)} + 2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{131}^{(10)}$$
$$+2m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{221}^{(21)} - 2m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{212}^{(11)} - 2m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{131}^{(20)}$$
$$+2m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{122}^{(10)} - m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{320}^{(21)} + m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{311}^{(11)}$$
$$+m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{230}^{(20)} - m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{221}^{(10)} + m_{000}^{(00)}(m_{001}^{(20)})^2m_{140}^{(21)}$$
$$-m_{000}^{(00)}(m_{001}^{(20)})^2m_{131}^{(11)} - m_{000}^{(00)}(m_{001}^{(20)})^2m_{050}^{(20)} + m_{000}^{(00)}(m_{001}^{(20)})^2m_{041}^{(10)}$$
$$-2m_{000}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{230}^{(21)} + 2m_{000}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{221}^{(11)} + 2m_{000}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{140}^{(20)}$$
$$-2m_{000}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{131}^{(10)} + m_{000}^{(00)}(m_{001}^{(21)})^2m_{320}^{(21)} - m_{000}^{(00)}(m_{001}^{(21)})^2m_{311}^{(11)}$$
$$-m_{000}^{(00)}(m_{001}^{(21)})^2m_{230}^{(20)} + m_{000}^{(00)}(m_{001}^{(21)})^2m_{221}^{(10)} - m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(11)}m_{023}^{(22)}$$
$$+2m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(11)}m_{014}^{(21)} - m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(11)}m_{005}^{(11)} + 2m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(21)}m_{032}^{(22)}$$
$$-4m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(21)}m_{023}^{(21)} + 2m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(21)}m_{014}^{(11)} - m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(22)}m_{041}^{(22)}$$
$$+2m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(22)}m_{032}^{(21)} - m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(22)}m_{023}^{(11)} + m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(10)}m_{023}^{(22)}$$
$$-2m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(10)}m_{014}^{(21)} + m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(10)}m_{005}^{(11)} - m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(20)}m_{032}^{(22)}$$
$$+2m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(20)}m_{023}^{(21)} - m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(20)}m_{014}^{(11)} - m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(21)}m_{122}^{(22)}$$
$$+2m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(21)}m_{113}^{(21)} - m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(21)}m_{104}^{(11)} + m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(22)}m_{131}^{(22)}$$
$$-2m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(22)}m_{122}^{(21)} + m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(22)}m_{113}^{(11)} - m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(10)}m_{032}^{(22)}$$
$$+2m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(10)}m_{023}^{(21)} - m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(10)}m_{014}^{(11)} + m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(11)}m_{122}^{(22)}$$
$$-2m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(11)}m_{113}^{(21)} + m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(11)}m_{104}^{(11)} + m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(20)}m_{041}^{(22)}$$
$$-2m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(20)}m_{032}^{(21)} + m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(20)}m_{023}^{(11)} - m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(21)}m_{131}^{(22)}$$
$$+2m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(21)}m_{122}^{(21)} - m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(21)}m_{113}^{(11)} + m_{000}^{(10)}(m_{100}^{(10)})^2m_{023}^{(22)}$$
$$-2m_{000}^{(10)}(m_{100}^{(10)})^2m_{014}^{(21)} + m_{000}^{(10)}(m_{100}^{(10)})^2m_{005}^{(11)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(20)}m_{032}^{(22)}$$
$$+4m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(20)}m_{023}^{(21)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(20)}m_{014}^{(11)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(21)}m_{122}^{(22)}$$
$$+4m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(21)}m_{113}^{(21)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(21)}m_{104}^{(11)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(22)}m_{131}^{(22)}$$
$$-4m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(22)}m_{122}^{(21)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(22)}m_{113}^{(11)} - m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(00)}m_{023}^{(22)}$$
$$+2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(00)}m_{014}^{(21)} - m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(00)}m_{005}^{(11)} - m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(11)}m_{203}^{(22)}$$
$$+2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(11)}m_{104}^{(20)} - m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(11)}m_{005}^{(00)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(20)}m_{122}^{(22)}$$
$$-4m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(20)}m_{113}^{(21)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(20)}m_{104}^{(11)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(21)}m_{212}^{(22)}$$
$$-4m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(21)}m_{113}^{(20)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(21)}m_{014}^{(00)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(22)}m_{221}^{(22)}$$

$$
\begin{aligned}
&+2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(22)}m_{212}^{(21)} - m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(22)}m_{203}^{(11)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(22)}m_{122}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(22)}m_{023}^{(00)} + m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(00)}m_{032}^{(22)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(00)}m_{023}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(00)}m_{014}^{(11)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(10)}m_{122}^{(22)} + 4m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(10)}m_{113}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(10)}m_{104}^{(11)} + m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(11)}m_{212}^{(22)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(11)}m_{113}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(11)}m_{014}^{(00)} - 4m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{212}^{(21)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{203}^{(11)}\\
&+4m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{122}^{(20)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{023}^{(00)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(22)}m_{221}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(22)}m_{212}^{(11)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(22)}m_{131}^{(20)} + m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(22)}m_{032}^{(00)}\\
&+2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(20)}m_{122}^{(22)} - 4m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(20)}m_{113}^{(21)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(20)}m_{104}^{(11)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{221}^{(22)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{212}^{(21)} - m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{203}^{(11)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(10)}m_{203}^{(22)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(10)}m_{104}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(10)}m_{005}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(20)}m_{212}^{(22)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(20)}m_{113}^{(20)} - m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(20)}m_{014}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(21)}m_{302}^{(22)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(21)}m_{203}^{(20)} - m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(21)}m_{104}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(22)}m_{311}^{(22)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(22)}m_{212}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(22)}m_{113}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(00)}m_{122}^{(22)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(00)}m_{113}^{(21)} + m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(00)}m_{104}^{(11)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(10)}m_{212}^{(22)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(10)}m_{113}^{(20)} - m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(10)}m_{014}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{221}^{(22)} + 4m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{212}^{(21)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{203}^{(11)}\\
&-2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{122}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{023}^{(00)} + m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(21)}m_{311}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(21)}m_{212}^{(20)} + m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(21)}m_{113}^{(00)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{311}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{302}^{(11)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{221}^{(20)} - m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{122}^{(00)}\\
&+m_{000}^{(10)}(m_{100}^{(20)})^2m_{041}^{(22)} - 2m_{000}^{(10)}(m_{100}^{(20)})^2m_{032}^{(21)} + m_{000}^{(10)}(m_{100}^{(20)})^2m_{023}^{(11)}\\
&-2m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(21)}m_{131}^{(22)} + 4m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(21)}m_{122}^{(21)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(21)}m_{113}^{(11)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(00)}m_{032}^{(22)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(00)}m_{023}^{(21)} + m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(00)}m_{014}^{(11)}\\
&-2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(10)}m_{122}^{(22)} + 4m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(10)}m_{113}^{(21)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(10)}m_{104}^{(11)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(11)}m_{212}^{(22)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(11)}m_{113}^{(20)} + m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(11)}m_{014}^{(00)}\\
&-4m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{212}^{(21)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{203}^{(11)} + 4m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{122}^{(20)}\\
&-2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{023}^{(00)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{221}^{(21)} - m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{212}^{(11)}\\
&-2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{131}^{(20)} + m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{032}^{(00)} - m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(00)}m_{041}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(00)}m_{032}^{(21)} - m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(00)}m_{023}^{(11)} + 4m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(10)}m_{131}^{(22)}\\
&-8m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(10)}m_{122}^{(21)} + 4m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(10)}m_{113}^{(11)} - 3m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{221}^{(22)}\\
&+4m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{212}^{(21)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{203}^{(11)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{122}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{023}^{(00)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(20)}m_{140}^{(22)} + 4m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(20)}m_{131}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(20)}m_{122}^{(11)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{230}^{(22)} - 4m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{131}^{(20)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{032}^{(00)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{230}^{(21)} + m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{221}^{(11)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{140}^{(20)} - m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{041}^{(00)} + m_{000}^{(10)}(m_{100}^{(21)})^2m_{221}^{(22)}\\
&-2m_{000}^{(10)}(m_{100}^{(21)})^2m_{212}^{(21)} + m_{000}^{(10)}(m_{100}^{(21)})^2m_{203}^{(11)} + m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(00)}m_{122}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(00)}m_{113}^{(21)} + m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(00)}m_{104}^{(11)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{212}^{(22)}\\
&+4m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{113}^{(20)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{014}^{(00)} + m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(11)}m_{302}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(11)}m_{203}^{(20)} + m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(11)}m_{104}^{(00)} + 4m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{212}^{(21)}
\end{aligned}
$$

$$-2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{203}^{(11)} - 4m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{122}^{(20)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{023}^{(00)}$$
$$-2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{311}^{(21)} + m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{302}^{(11)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{221}^{(20)}$$
$$-m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{122}^{(00)} - 3m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(00)}m_{131}^{(22)} + 6m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(00)}m_{122}^{(21)}$$
$$-3m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(00)}m_{113}^{(11)} + 4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{221}^{(22)} - 4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{212}^{(21)}$$
$$+2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{203}^{(11)} - 4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{122}^{(20)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{023}^{(00)}$$
$$-m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{311}^{(22)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{212}^{(20)} - m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{113}^{(00)}$$
$$+2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{230}^{(22)} - 8m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{221}^{(21)} + 4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{212}^{(11)}$$
$$+4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{131}^{(20)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{032}^{(00)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{320}^{(22)}$$
$$+4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{311}^{(21)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{302}^{(11)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{320}^{(21)}$$
$$-m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{311}^{(11)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{230}^{(20)} + m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{131}^{(00)}$$
$$-m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(00)}m_{131}^{(22)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(00)}m_{122}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(00)}m_{113}^{(11)}$$
$$+2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{221}^{(22)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{212}^{(21)} + m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{203}^{(11)}$$
$$-2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{122}^{(20)} + m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{023}^{(00)} - m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{311}^{(22)}$$
$$+2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{212}^{(20)} - m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{113}^{(00)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{221}^{(21)}$$
$$+m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{212}^{(11)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{131}^{(20)} - m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{032}^{(00)}$$
$$+2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{311}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{302}^{(11)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{221}^{(20)}$$
$$+m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{122}^{(00)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(00)}m_{140}^{(22)} - 4m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(00)}m_{131}^{(21)}$$
$$+2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(00)}m_{122}^{(11)} - 4m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{230}^{(22)} + 6m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{221}^{(21)}$$
$$-3m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{212}^{(21)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{131}^{(20)} - m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{032}^{(00)}$$
$$+2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{320}^{(22)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{311}^{(21)} + m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{302}^{(11)}$$
$$-2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{221}^{(20)} + m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{122}^{(00)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{230}^{(21)}$$
$$-m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{221}^{(11)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{140}^{(20)} + m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{041}^{(00)}$$
$$-2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{320}^{(21)} + m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{311}^{(11)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{230}^{(20)}$$
$$-m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{131}^{(00)} + m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(11)}m_{203}^{(22)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(11)}m_{104}^{(20)}$$
$$+m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(11)}m_{005}^{(00)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{212}^{(22)} + 4m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{113}^{(20)}$$
$$-2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{014}^{(00)} + m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{221}^{(22)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{122}^{(20)}$$
$$+m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{023}^{(00)} + m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(10)}m_{122}^{(22)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(10)}m_{113}^{(21)}$$
$$+m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(10)}m_{104}^{(11)} - m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(11)}m_{212}^{(22)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(11)}m_{113}^{(20)}$$
$$-m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(11)}m_{014}^{(00)} - m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{131}^{(22)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{122}^{(21)}$$
$$-m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{113}^{(11)} + m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{221}^{(22)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{212}^{(21)}$$
$$-m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{203}^{(11)} - 4m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{122}^{(20)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{023}^{(00)}$$
$$-2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{221}^{(21)} + m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{212}^{(11)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{131}^{(20)}$$
$$-m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{032}^{(00)} - m_{000}^{(10)}(m_{010}^{(10)})^2m_{203}^{(22)} + 2m_{000}^{(10)}(m_{010}^{(10)})^2m_{104}^{(20)}$$
$$-m_{000}^{(10)}(m_{010}^{(10)})^2m_{005}^{(00)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{212}^{(22)} - 4m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{113}^{(20)}$$
$$+2m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{014}^{(00)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(21)}m_{302}^{(22)} - 4m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(21)}m_{203}^{(20)}$$
$$+2m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(21)}m_{104}^{(00)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{311}^{(22)} + 4m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{212}^{(20)}$$
$$-2m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{113}^{(00)} - m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{122}^{(22)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{113}^{(21)}$$
$$-m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{104}^{(11)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(10)}m_{212}^{(22)} - 4m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(10)}m_{113}^{(20)}$$

$$+2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(10)}m_{014}^{(00)} - m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(11)}m_{302}^{(22)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(11)}m_{203}^{(20)}$$
$$-m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(11)}m_{104}^{(00)} - 4m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{212}^{(21)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{203}^{(11)}$$
$$+4m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{122}^{(20)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{023}^{(00)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{311}^{(21)}$$
$$-m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{302}^{(11)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{221}^{(20)} + m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{122}^{(00)}$$
$$-2m_{000}^{(10)}m_{010}^{(11)}m_{010}^{(20)}m_{302}^{(22)} + 4m_{000}^{(10)}m_{010}^{(11)}m_{010}^{(20)}m_{203}^{(20)} - 2m_{000}^{(10)}m_{010}^{(11)}m_{010}^{(20)}m_{104}^{(00)}$$
$$+m_{000}^{(10)}m_{010}^{(11)}m_{010}^{(22)}m_{401}^{(22)} - 2m_{000}^{(10)}m_{010}^{(11)}m_{010}^{(22)}m_{302}^{(20)} + m_{000}^{(10)}m_{010}^{(11)}m_{010}^{(22)}m_{203}^{(00)}$$
$$-m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{212}^{(22)} + 2m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{113}^{(20)} - m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{014}^{(00)}$$
$$+m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(10)}m_{302}^{(22)} - 2m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(10)}m_{203}^{(20)} + m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(10)}m_{104}^{(00)}$$
$$+m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{311}^{(22)} - 2m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{212}^{(20)} + m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{113}^{(00)}$$
$$-m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(21)}m_{401}^{(22)} + 2m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(21)}m_{302}^{(20)} - m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(21)}m_{203}^{(00)}$$
$$-m_{000}^{(10)}(m_{010}^{(20)})^2m_{221}^{(22)} + 2m_{000}^{(10)}(m_{010}^{(20)})^2m_{122}^{(20)} - m_{000}^{(10)}(m_{010}^{(20)})^2m_{023}^{(00)}$$
$$+2m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{311}^{(22)} - 4m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{212}^{(20)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{113}^{(00)}$$
$$+m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{131}^{(22)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{122}^{(21)} + m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{113}^{(11)}$$
$$-4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{221}^{(22)} + 4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{212}^{(21)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{203}^{(11)}$$
$$+4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{122}^{(20)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{023}^{(00)} + 3m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{311}^{(22)}$$
$$-6m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{212}^{(20)} + 3m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{113}^{(00)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{230}^{(22)}$$
$$-4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{131}^{(20)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{032}^{(00)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{320}^{(22)}$$
$$-4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{311}^{(21)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{302}^{(11)} + 8m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{221}^{(20)}$$
$$-4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{122}^{(00)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{320}^{(21)} - m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{311}^{(11)}$$
$$-2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{230}^{(20)} + m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{131}^{(00)} - m_{000}^{(10)}(m_{010}^{(21)})^2m_{401}^{(22)}$$
$$+2m_{000}^{(10)}(m_{010}^{(21)})^2m_{302}^{(20)} - m_{000}^{(10)}(m_{010}^{(21)})^2m_{203}^{(00)} + 3m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{221}^{(22)}$$
$$-2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{212}^{(21)} + m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{203}^{(11)} - 4m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{122}^{(20)}$$
$$+2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{023}^{(00)} - 4m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{311}^{(22)} + 8m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{212}^{(20)}$$
$$-4m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{113}^{(00)} + m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(11)}m_{401}^{(22)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(11)}m_{302}^{(20)}$$
$$+m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(11)}m_{203}^{(00)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{320}^{(22)} + 4m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{311}^{(21)}$$
$$-2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{302}^{(11)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(21)}m_{410}^{(22)} - 4m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(21)}m_{311}^{(20)}$$
$$+2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(21)}m_{212}^{(00)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{410}^{(21)} + m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{401}^{(11)}$$
$$+2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{320}^{(20)} - m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{221}^{(00)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{230}^{(22)}$$
$$+2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{221}^{(21)} - m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{212}^{(11)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{131}^{(20)}$$
$$-m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{032}^{(00)} + 4m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{320}^{(22)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{311}^{(21)}$$
$$+m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{302}^{(11)} - 6m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{221}^{(20)} + 3m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{122}^{(00)}$$
$$-2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(11)}m_{410}^{(22)} + 4m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(11)}m_{311}^{(20)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(11)}m_{212}^{(00)}$$
$$-2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{320}^{(21)} + m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{311}^{(11)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{230}^{(20)}$$
$$-m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{131}^{(00)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{410}^{(21)} - m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{401}^{(11)}$$
$$-2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{320}^{(20)} + m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{221}^{(00)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{212}^{(21)}$$
$$-m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{203}^{(11)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{122}^{(20)} + m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{023}^{(00)}$$
$$-4m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{221}^{(21)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{212}^{(11)} + 4m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{131}^{(20)}$$
$$-2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{032}^{(00)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{230}^{(21)} - m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{221}^{(11)}$$

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\begin{aligned}
&-2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{140}^{(20)} + m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{041}^{(00)} - 2m_{000}^{(10)}(m_{001}^{(10)})^2m_{212}^{(21)}\\
&+m_{000}^{(10)}(m_{001}^{(10)})^2m_{203}^{(11)} + 2m_{000}^{(10)}(m_{001}^{(10)})^2m_{122}^{(20)} - m_{000}^{(10)}(m_{001}^{(10)})^2m_{023}^{(00)}\\
&+4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{221}^{(21)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{212}^{(11)} - 4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{131}^{(20)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{032}^{(00)} + 4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{311}^{(21)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{302}^{(11)}\\
&-4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{221}^{(20)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{122}^{(00)} - 4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{320}^{(21)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{311}^{(11)} + 4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{230}^{(20)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{131}^{(00)}\\
&-4m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{311}^{(21)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{302}^{(11)} + 4m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{221}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{122}^{(00)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{410}^{(21)} - m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{401}^{(11)}\\
&-2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{320}^{(20)} + m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{221}^{(00)} - 2m_{000}^{(10)}(m_{001}^{(20)})^2m_{230}^{(21)}\\
&+m_{000}^{(10)}(m_{001}^{(20)})^2m_{221}^{(11)} + 2m_{000}^{(10)}(m_{001}^{(20)})^2m_{140}^{(20)} - m_{000}^{(10)}(m_{001}^{(20)})^2m_{041}^{(00)}\\
&+4m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{320}^{(21)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{311}^{(11)} - 4m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{230}^{(20)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{131}^{(00)} - 2m_{000}^{(10)}(m_{001}^{(21)})^2m_{410}^{(21)} + m_{000}^{(10)}(m_{001}^{(21)})^2m_{401}^{(11)}\\
&+2m_{000}^{(10)}(m_{001}^{(21)})^2m_{320}^{(20)} - m_{000}^{(10)}(m_{001}^{(21)})^2m_{221}^{(00)} + m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(11)}m_{113}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(11)}m_{104}^{(21)} - m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(11)}m_{014}^{(20)} + m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(11)}m_{005}^{(10)}\\
&-2m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(21)}m_{122}^{(22)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(21)}m_{113}^{(21)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(21)}m_{023}^{(20)}\\
&-2m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(21)}m_{014}^{(10)} + m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(22)}m_{131}^{(22)} - m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(22)}m_{122}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(22)}m_{032}^{(20)} + m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(22)}m_{023}^{(10)} - m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(10)}m_{113}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(10)}m_{104}^{(21)} + m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(10)}m_{014}^{(20)} - m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(10)}m_{005}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(20)}m_{122}^{(22)} - m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(20)}m_{113}^{(21)} - m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(20)}m_{023}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(20)}m_{014}^{(10)} + m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(21)}m_{212}^{(22)} - m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(21)}m_{203}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(21)}m_{113}^{(20)} + m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(21)}m_{104}^{(10)} - m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(22)}m_{221}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(22)}m_{212}^{(21)} + m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(22)}m_{122}^{(20)} - m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(22)}m_{113}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(10)}m_{122}^{(22)} - m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(10)}m_{113}^{(21)} - m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(10)}m_{023}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(10)}m_{014}^{(10)} - m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(11)}m_{212}^{(22)} + m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(11)}m_{203}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(11)}m_{113}^{(20)} - m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(11)}m_{104}^{(10)} - m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(20)}m_{131}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(20)}m_{122}^{(21)} + m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(20)}m_{032}^{(20)} - m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(20)}m_{023}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(21)}m_{221}^{(22)} - m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(21)}m_{212}^{(21)} - m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(21)}m_{122}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(21)}m_{113}^{(10)} - m_{000}^{(11)}(m_{100}^{(10)})^2m_{113}^{(22)} + m_{000}^{(11)}(m_{100}^{(10)})^2m_{104}^{(21)}\\
&+m_{000}^{(11)}(m_{100}^{(10)})^2m_{014}^{(20)} - m_{000}^{(11)}(m_{100}^{(10)})^2m_{005}^{(10)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(20)}m_{122}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(20)}m_{113}^{(21)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(20)}m_{023}^{(20)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(20)}m_{014}^{(10)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(21)}m_{212}^{(22)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(21)}m_{203}^{(21)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(21)}m_{113}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(21)}m_{104}^{(10)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{221}^{(22)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{212}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{122}^{(20)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{113}^{(10)} + m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(00)}m_{113}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(00)}m_{104}^{(21)} - m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(00)}m_{014}^{(20)} + m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(00)}m_{005}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(10)}m_{203}^{(22)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(10)}m_{104}^{(20)} + m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(10)}m_{005}^{(00)}\\
&-3m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(20)}m_{212}^{(22)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(20)}m_{203}^{(21)} + 4m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(20)}m_{113}^{(20)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(20)}m_{104}^{(10)} - m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(20)}m_{014}^{(00)} - m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(21)}m_{302}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(21)}m_{203}^{(20)} - m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(21)}m_{104}^{(00)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(22)}m_{311}^{(22)}
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&-m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(22)}m_{302}^{(21)} - 3m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(22)}m_{212}^{(20)} + m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(22)}m_{203}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(22)}m_{113}^{(00)} - m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(00)}m_{122}^{(22)} + m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(00)}m_{113}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(00)}m_{023}^{(20)} - m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(00)}m_{014}^{(10)} + m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(10)}m_{212}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(10)}m_{203}^{(21)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(10)}m_{104}^{(10)} - m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(10)}m_{014}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{221}^{(22)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{122}^{(20)} + m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{023}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(21)}m_{311}^{(22)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(21)}m_{302}^{(21)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(21)}m_{203}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(21)}m_{113}^{(00)} - m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(22)}m_{311}^{(21)} + m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(22)}m_{221}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(22)}m_{212}^{(10)} - m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(22)}m_{122}^{(00)} - 2m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(20)}m_{212}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(20)}m_{203}^{(21)} + 2m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(20)}m_{113}^{(20)} - 2m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(20)}m_{104}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(22)}m_{311}^{(22)} - m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(22)}m_{302}^{(21)} - m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(22)}m_{212}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(22)}m_{203}^{(10)} - m_{000}^{(11)}m_{100}^{(11)}m_{010}^{(00)}m_{203}^{(22)} + 2m_{000}^{(11)}m_{100}^{(11)}m_{010}^{(00)}m_{104}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(11)}m_{010}^{(00)}m_{005}^{(00)} + 2m_{000}^{(11)}m_{100}^{(11)}m_{010}^{(20)}m_{302}^{(22)} - 4m_{000}^{(11)}m_{100}^{(11)}m_{010}^{(20)}m_{203}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(11)}m_{010}^{(20)}m_{104}^{(00)} - m_{000}^{(11)}m_{100}^{(11)}m_{010}^{(22)}m_{401}^{(22)} + 2m_{000}^{(11)}m_{100}^{(11)}m_{010}^{(22)}m_{302}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(11)}m_{010}^{(22)}m_{203}^{(00)} + m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(00)}m_{203}^{(21)} - m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(00)}m_{113}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(00)}m_{104}^{(10)} + m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(00)}m_{014}^{(00)} - 2m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(20)}m_{302}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(20)}m_{212}^{(20)} + 2m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(20)}m_{203}^{(10)} - 2m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(20)}m_{113}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(22)}m_{401}^{(21)} - m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(22)}m_{311}^{(20)} - m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(22)}m_{302}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(22)}m_{212}^{(00)} - m_{000}^{(11)}(m_{100}^{(20)})^2m_{131}^{(22)} + m_{000}^{(11)}(m_{100}^{(20)})^2m_{122}^{(21)}\\
&+m_{000}^{(11)}(m_{100}^{(20)})^2m_{032}^{(20)} - m_{000}^{(11)}(m_{100}^{(20)})^2m_{023}^{(10)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{100}^{(22)}m_{221}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{212}^{(21)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{122}^{(20)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{113}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(00)}m_{122}^{(22)} + m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(00)}m_{113}^{(21)} + m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(00)}m_{023}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(00)}m_{014}^{(10)} + m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{212}^{(22)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{203}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{104}^{(10)} - m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{014}^{(00)} + m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{221}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{122}^{(20)} + m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{023}^{(00)} - m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{311}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{302}^{(21)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{203}^{(10)} + m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{113}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{311}^{(21)} + m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{221}^{(20)} + m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{212}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{122}^{(00)} + m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(00)}m_{131}^{(22)} - m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(00)}m_{122}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(00)}m_{032}^{(20)} + m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(00)}m_{023}^{(10)} - 3m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{001}^{(22)}m_{221}\\
&+4m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{212}^{(21)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{122}^{(20)} - 4m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{113}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{023}^{(00)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{311}^{(22)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{302}^{(21)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{212}^{(20)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{203}^{(10)} + m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(20)}m_{230}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(20)}m_{221}^{(21)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(20)}m_{122}^{(10)} - m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(20)}m_{032}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{320}^{(22)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{221}^{(20)} - m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{122}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{320}^{(21)} - m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{230}^{(20)} - m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{221}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{131}^{(00)} - m_{000}^{(11)}(m_{100}^{(21)})^2m_{311}^{(22)} + m_{000}^{(11)}(m_{100}^{(21)})^2m_{302}^{(21)}\\
&+m_{000}^{(11)}(m_{100}^{(21)})^2m_{212}^{(20)} - m_{000}^{(11)}(m_{100}^{(21)})^2m_{203}^{(10)} + m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(00)}m_{212}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(00)}m_{203}^{(21)} - 3m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(00)}m_{113}^{(20)} - m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(00)}m_{104}^{(10)}\\
&+2m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(00)}m_{014}^{(00)} - m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(10)}m_{302}^{(22)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(10)}m_{203}^{(20)}
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&-m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(10)}m_{104}^{(00)} - m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{311}^{(22)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{302}^{(21)}\\
&+4m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{212}^{(20)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{203}^{(10)} - 3m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{113}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(21)}m_{401}^{(22)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(21)}m_{302}^{(20)} + m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(21)}m_{203}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(22)}m_{401}^{(21)} - m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(22)}m_{311}^{(20)} - m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(22)}m_{302}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(22)}m_{212}^{(00)} + m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{221}^{(22)} - 3m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{212}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{122}^{(20)} + 3m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{113}^{(10)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{023}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{311}^{(22)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{302}^{(21)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{203}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{113}^{(00)} - m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{320}^{(22)} + 4m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{311}^{(21)}\\
&-2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{221}^{(20)} - 4m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{212}^{(10)} + 3m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{122}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(21)}m_{410}^{(22)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(21)}m_{401}^{(21)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(21)}m_{302}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(21)}m_{212}^{(00)} - m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{410}^{(21)} + m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{320}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{311}^{(10)} - m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{221}^{(00)} - m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{212}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{122}^{(20)} + m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{113}^{(10)} - m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{023}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{302}^{(21)} - m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{212}^{(20)} - m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{203}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{113}^{(00)} + m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{311}^{(21)} - m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{221}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{212}^{(10)} + m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{122}^{(00)} - m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{401}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{311}^{(20)} + m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{302}^{(10)} - m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{212}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(00)}m_{230}^{(22)} + 2m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(00)}m_{221}^{(21)} - 2m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(00)}m_{122}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(00)}m_{032}^{(00)} + 2m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(10)}m_{320}^{(22)} - 3m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(10)}m_{311}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(10)}m_{221}^{(20)} + 3m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(10)}m_{212}^{(10)} - m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(10)}m_{122}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(11)}m_{410}^{(22)} + m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(11)}m_{401}^{(21)} + m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(11)}m_{311}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(11)}m_{302}^{(10)} - m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(20)}m_{320}^{(21)} + m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(20)}m_{230}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(20)}m_{221}^{(10)} - m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(20)}m_{131}^{(00)} + m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(21)}m_{410}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(21)}m_{320}^{(20)} - m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(21)}m_{311}^{(10)} + m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(21)}m_{221}^{(00)}\\
&-m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(10)}m_{212}^{(22)} + m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(10)}m_{203}^{(21)} + m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(10)}m_{113}^{(20)}\\
&-m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(10)}m_{104}^{(10)} + m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(11)}m_{302}^{(22)} - 2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(11)}m_{203}^{(20)}\\
&+m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(11)}m_{104}^{(00)} + m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{221}^{(22)} - m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{212}^{(21)}\\
&-m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{122}^{(20)} + m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{113}^{(10)} - m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(21)}m_{311}^{(22)}\\
&-m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(21)}m_{302}^{(21)} + 3m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(21)}m_{212}^{(20)} + m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(21)}m_{203}^{(10)}\\
&-2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(21)}m_{113}^{(00)} + m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(22)}m_{311}^{(21)} - m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(22)}m_{221}^{(20)}\\
&-m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(22)}m_{212}^{(10)} + m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(22)}m_{122}^{(00)} + m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{212}^{(22)}\\
&-m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{203}^{(21)} - m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{113}^{(20)} + m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{104}^{(10)}\\
&-m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(10)}m_{302}^{(22)} + 2m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(10)}m_{203}^{(20)} - m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(10)}m_{104}^{(00)}\\
&-m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{311}^{(22)} + 2m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{302}^{(21)} - 2m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{203}^{(10)}\\
&+m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{113}^{(00)} + m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(21)}m_{401}^{(22)} - 2m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(21)}m_{302}^{(20)}\\
&+m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(21)}m_{203}^{(00)} - m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(22)}m_{401}^{(21)} + m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(22)}m_{311}^{(20)}\\
&+m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(22)}m_{302}^{(10)} - m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(22)}m_{212}^{(00)} - m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{221}^{(22)}\\
&+m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{212}^{(21)} + m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{122}^{(20)} - m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{113}^{(10)}
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&+3m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{311}^{(22)} - 2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{302}^{(21)} - 4m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{212}^{(20)}\\
&+2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{203}^{(10)} + m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{113}^{(00)} - 2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(11)}m_{401}^{(22)}\\
&+4m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(11)}m_{302}^{(20)} - 2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(11)}m_{203}^{(00)} - m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{320}^{(22)}\\
&+2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{221}^{(20)} - m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{122}^{(20)} + m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{410}^{(22)}\\
&+2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{401}^{(21)} - 4m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{311}^{(20)} - 2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{302}^{(10)}\\
&+3m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{212}^{(00)} - m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{410}^{(21)} + m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{320}^{(20)}\\
&+m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{311}^{(10)} - m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{221}^{(00)} - m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{311}^{(22)}\\
&+m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{302}^{(21)} + m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{212}^{(20)} - m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{203}^{(10)}\\
&+m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(10)}m_{401}^{(22)} - 2m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(10)}m_{302}^{(20)} + m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(10)}m_{203}^{(00)}\\
&+m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{410}^{(22)} - 2m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{401}^{(21)} + 2m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{302}^{(10)}\\
&-m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{212}^{(00)} - m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(21)}m_{500}^{(22)} + 2m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(21)}m_{401}^{(20)}\\
&-m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(21)}m_{302}^{(00)} + m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(22)}m_{500}^{(21)} - m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(22)}m_{410}^{(20)}\\
&-m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(22)}m_{401}^{(10)} + m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(22)}m_{311}^{(00)} + m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{320}^{(22)}\\
&-m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{311}^{(21)} - m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{221}^{(20)} + m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{212}^{(10)}\\
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&-m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(10)}m_{302}^{(10)} - m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(10)}m_{212}^{(00)} + m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(11)}m_{500}^{(22)}\\
&-2m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(11)}m_{401}^{(20)} + m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(11)}m_{302}^{(00)} + m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{410}^{(21)}\\
&-m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{320}^{(20)} - m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{311}^{(10)} + m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{221}^{(00)}\\
&-m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(21)}m_{500}^{(21)} + m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(21)}m_{410}^{(20)} + m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(21)}m_{401}^{(10)}\\
&-m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(21)}m_{311}^{(00)} - m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{302}^{(21)} + m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{212}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{203}^{(10)} - m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{113}^{(00)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{311}^{(21)}\\
&-2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{221}^{(20)} - 2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{212}^{(10)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{122}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{320}^{(21)} + m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{230}^{(20)} + m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{221}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{131}^{(00)} + m_{000}^{(11)}(m_{001}^{(10)})^2m_{302}^{(21)} - m_{000}^{(11)}(m_{001}^{(10)})^2m_{212}^{(20)}\\
&-m_{000}^{(11)}(m_{001}^{(10)})^2m_{203}^{(10)} + m_{000}^{(11)}(m_{001}^{(10)})^2m_{113}^{(00)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{311}^{(21)}\\
&+2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{221}^{(20)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{212}^{(10)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{122}^{(00)}\\
&-2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{401}^{(21)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{311}^{(20)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{302}^{(10)}\\
&-2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{212}^{(00)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{410}^{(21)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{320}^{(20)}\\
&-2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{311}^{(10)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{221}^{(00)} + 2m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{401}^{(21)}\\
&-2m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{311}^{(20)} - 2m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{302}^{(10)} + 2m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{212}^{(00)}\\
&-m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(22)}m_{500}^{(21)} + m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(22)}m_{410}^{(20)} + m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(22)}m_{401}^{(10)}\\
&-m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(22)}m_{311}^{(00)} + m_{000}^{(11)}(m_{001}^{(20)})^2m_{320}^{(21)} - m_{000}^{(11)}(m_{001}^{(20)})^2m_{230}^{(20)}\\
&-m_{000}^{(11)}(m_{001}^{(20)})^2m_{221}^{(10)} + m_{000}^{(11)}(m_{001}^{(20)})^2m_{131}^{(00)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{001}^{(21)}m_{410}^{(21)}\\
&+2m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{320}^{(20)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{311}^{(10)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{221}^{(00)}\\
&+m_{000}^{(11)}(m_{001}^{(21)})^2m_{500}^{(21)} - m_{000}^{(11)}(m_{001}^{(21)})^2m_{410}^{(20)} - m_{000}^{(11)}(m_{001}^{(21)})^2m_{401}^{(10)}\\
&+m_{000}^{(11)}(m_{001}^{(21)})^2m_{311}^{(00)} + m_{000}^{(20)}m_{100}^{(00)}m_{100}^{(11)}m_{032}^{(22)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{100}^{(11)}m_{023}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(00)}m_{100}^{(11)}m_{014}^{(11)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{100}^{(21)}m_{041}^{(22)} + 4m_{000}^{(20)}m_{100}^{(00)}m_{100}^{(21)}m_{032}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(00)}m_{100}^{(21)}m_{023}^{(11)} + m_{000}^{(20)}m_{100}^{(00)}m_{100}^{(22)}m_{050}^{(22)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{100}^{(22)}m_{041}^{(21)}
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$$

$$+m_{000}^{(20)}m_{100}^{(00)}m_{100}^{(22)}m_{032}^{(11)} - m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(10)}m_{032}^{(22)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(10)}m_{023}^{(21)}$$
$$-m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(10)}m_{014}^{(11)} + m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(20)}m_{041}^{(22)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(20)}m_{032}^{(21)}$$
$$+m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(20)}m_{023}^{(11)} + m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(21)}m_{131}^{(22)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(21)}m_{122}^{(21)}$$
$$+m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(21)}m_{113}^{(11)} - m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(22)}m_{140}^{(22)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(22)}m_{131}^{(21)}$$
$$-m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(22)}m_{122}^{(11)} + m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(10)}m_{041}^{(22)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(10)}m_{032}^{(21)}$$
$$+m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(10)}m_{023}^{(11)} - m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(11)}m_{131}^{(22)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(11)}m_{122}^{(21)}$$
$$-m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(11)}m_{113}^{(11)} - m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(20)}m_{050}^{(22)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(20)}m_{041}^{(21)}$$
$$-m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(20)}m_{032}^{(11)} + m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(21)}m_{140}^{(22)} - 2m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(21)}m_{131}^{(21)}$$
$$+m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(21)}m_{122}^{(11)} - m_{000}^{(20)}(m_{100}^{(10)})^2m_{032}^{(22)} + 2m_{000}^{(20)}(m_{100}^{(10)})^2m_{023}^{(21)}$$
$$-m_{000}^{(20)}(m_{100}^{(10)})^2m_{014}^{(11)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(20)}m_{041}^{(22)} - 4m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(20)}m_{032}^{(21)}$$
$$+2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(20)}m_{023}^{(11)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(21)}m_{131}^{(22)} - 4m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(21)}m_{122}^{(21)}$$
$$+2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(21)}m_{113}^{(11)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(22)}m_{140}^{(22)} + 4m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(22)}m_{131}^{(21)}$$
$$-2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(22)}m_{122}^{(11)} + m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(00)}m_{032}^{(22)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(00)}m_{023}^{(21)}$$
$$+m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(00)}m_{014}^{(11)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(10)}m_{122}^{(22)} - 4m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(10)}m_{113}^{(21)}$$
$$+2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(10)}m_{104}^{(11)} - m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(11)}m_{212}^{(22)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(11)}m_{203}^{(21)}$$
$$-2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(11)}m_{104}^{(10)} + m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(11)}m_{014}^{(00)} - 4m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(20)}m_{131}^{(22)}$$
$$+8m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(20)}m_{122}^{(21)} - 4m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(20)}m_{113}^{(11)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{203}^{(11)}$$
$$+4m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{113}^{(10)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{023}^{(00)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(22)}m_{230}^{(22)}$$
$$-4m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(22)}m_{221}^{(21)} + 3m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(22)}m_{212}^{(11)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(22)}m_{122}^{(10)}$$
$$+m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(22)}m_{032}^{(00)} - m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(00)}m_{041}^{(22)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(00)}m_{032}^{(21)}$$
$$-m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(00)}m_{023}^{(11)} + m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(11)}m_{221}^{(22)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(11)}m_{212}^{(21)}$$
$$+2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(11)}m_{113}^{(10)} - m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(11)}m_{023}^{(00)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(20)}m_{140}^{(22)}$$
$$-4m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(20)}m_{131}^{(21)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(20)}m_{122}^{(11)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(21)}m_{230}^{(22)}$$
$$+4m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(21)}m_{221}^{(21)} - 4m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(21)}m_{122}^{(10)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(21)}m_{032}^{(00)}$$
$$-m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(22)}m_{221}^{(11)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(22)}m_{131}^{(10)} - m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(22)}m_{041}^{(00)}$$
$$-2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(20)}m_{131}^{(22)} + 4m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(20)}m_{122}^{(21)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(20)}m_{113}^{(11)}$$
$$+m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(22)}m_{230}^{(22)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(22)}m_{221}^{(21)} + m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(22)}m_{212}^{(11)}$$
$$-2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(00)}m_{122}^{(22)} + 4m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(00)}m_{113}^{(21)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(00)}m_{104}^{(11)}$$
$$+m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(10)}m_{212}^{(22)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(10)}m_{203}^{(21)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(10)}m_{104}^{(10)}$$
$$-m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(10)}m_{014}^{(00)} + 3m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(20)}m_{221}^{(22)} - 6m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(20)}m_{212}^{(21)}$$
$$+4m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(20)}m_{203}^{(11)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(20)}m_{113}^{(10)} + m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(20)}m_{023}^{(00)}$$
$$-m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(21)}m_{311}^{(22)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(21)}m_{302}^{(21)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(21)}m_{203}^{(10)}$$
$$+m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(21)}m_{113}^{(00)} - m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(22)}m_{320}^{(22)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(22)}m_{311}^{(21)}$$
$$-2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(22)}m_{302}^{(11)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(22)}m_{212}^{(10)} - m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(22)}m_{122}^{(00)}$$
$$+m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(00)}m_{131}^{(22)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(00)}m_{122}^{(21)} + m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(00)}m_{113}^{(11)}$$
$$-m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(10)}m_{221}^{(22)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(10)}m_{212}^{(21)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(10)}m_{113}^{(10)}$$
$$+m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(10)}m_{023}^{(00)} - m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(20)}m_{230}^{(22)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(20)}m_{221}^{(21)}$$
$$-2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(20)}m_{212}^{(11)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(20)}m_{122}^{(10)} - m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(20)}m_{032}^{(00)}$$

$$+m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(21)}m_{320}^{(22)}-2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(21)}m_{311}^{(21)}+2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(21)}m_{212}^{(10)}$$
$$-m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(21)}m_{122}^{(00)}+m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(22)}m_{311}^{(11)}-2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(22)}m_{221}^{(10)}$$
$$+m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(22)}m_{131}^{(00)}-m_{000}^{(20)}(m_{100}^{(20)})^2m_{050}^{(22)}+2m_{000}^{(20)}(m_{100}^{(20)})^2m_{041}^{(21)}$$
$$-m_{000}^{(20)}(m_{100}^{(20)})^2m_{032}^{(11)}+2m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(21)}m_{140}^{(22)}-4m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(21)}m_{131}^{(21)}$$
$$+2m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(21)}m_{122}^{(11)}-m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(00)}m_{041}^{(22)}+2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(00)}m_{032}^{(21)}$$
$$-m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(00)}m_{023}^{(11)}+m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{221}^{(22)}-2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{212}^{(21)}$$
$$+2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{113}^{(10)}-m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{023}^{(00)}+2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(20)}m_{140}^{(22)}$$
$$-4m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(20)}m_{131}^{(21)}+2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(20)}m_{122}^{(11)}-2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{230}^{(22)}$$
$$+4m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{221}^{(21)}-4m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{122}^{(10)}+2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{032}^{(00)}$$
$$-m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(22)}m_{221}^{(11)}+2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(22)}m_{131}^{(10)}-m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(22)}m_{041}^{(00)}$$
$$+m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(00)}m_{050}^{(22)}-2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(00)}m_{041}^{(21)}+m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(00)}m_{032}^{(11)}$$
$$-2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(10)}m_{140}^{(22)}+4m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(10)}m_{131}^{(21)}-2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(10)}m_{122}^{(11)}$$
$$+m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(11)}m_{230}^{(22)}-2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(11)}m_{221}^{(21)}+2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(11)}m_{212}^{(11)}$$
$$-2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(21)}m_{122}^{(10)}+m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(21)}m_{032}^{(00)}-2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(21)}m_{221}^{(11)}$$
$$+4m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(21)}m_{131}^{(10)}-2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(21)}m_{041}^{(00)}+m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(22)}m_{230}^{(11)}$$
$$-2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(22)}m_{140}^{(10)}+m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(22)}m_{050}^{(00)}-m_{000}^{(20)}(m_{100}^{(21)})^2m_{230}^{(22)}$$
$$+2m_{000}^{(20)}(m_{100}^{(21)})^2m_{221}^{(21)}-m_{000}^{(20)}(m_{100}^{(21)})^2m_{212}^{(11)}+3m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(00)}m_{131}^{(22)}$$
$$-6m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(00)}m_{122}^{(21)}+3m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(00)}m_{113}^{(11)}-4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{221}^{(22)}$$
$$+8m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{212}^{(21)}-2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{203}^{(11)}-4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{113}^{(10)}$$
$$+2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{023}^{(00)}+m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{311}^{(22)}-2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{302}^{(21)}$$
$$+2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{203}^{(10)}-m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{113}^{(00)}-2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{230}^{(22)}$$
$$+4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{221}^{(21)}-4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{212}^{(11)}+4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{122}^{(10)}$$
$$-2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{032}^{(00)}+2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{320}^{(22)}-4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{311}^{(21)}$$
$$+2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{302}^{(11)}+m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(22)}m_{311}^{(11)}-2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(22)}m_{221}^{(10)}$$
$$+m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(22)}m_{131}^{(00)}-m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(00)}m_{140}^{(22)}+2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(00)}m_{131}^{(21)}$$
$$-m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(00)}m_{122}^{(11)}+2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{230}^{(22)}-4m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{221}^{(21)}$$
$$+4m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{122}^{(20)}-2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(00)}m_{032}^{(22)}-m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(11)}m_{320}^{(22)}$$
$$+2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(11)}m_{311}^{(21)}-2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(11)}m_{212}^{(10)}+m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(11)}m_{122}^{(00)}$$
$$+2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(20)}m_{221}^{(11)}-4m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(20)}m_{131}^{(10)}+2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(20)}m_{041}^{(00)}$$
$$-m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(22)}m_{320}^{(11)}+2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(22)}m_{230}^{(10)}-m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(22)}m_{140}^{(00)}$$
$$-m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(00)}m_{140}^{(22)}+2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(00)}m_{131}^{(21)}-m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(00)}m_{122}^{(11)}$$
$$+2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{230}^{(22)}-4m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{221}^{(21)}+m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{212}^{(11)}$$
$$+2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{122}^{(10)}-m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{032}^{(00)}-m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{320}^{(22)}$$
$$+2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{311}^{(21)}-2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{212}^{(10)}+m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{122}^{(00)}$$
$$+m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(20)}m_{221}^{(11)}-2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(20)}m_{131}^{(10)}+m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(20)}m_{041}^{(00)}$$
$$-m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(21)}m_{311}^{(11)}+2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(21)}m_{221}^{(10)}-m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(21)}m_{131}^{(00)}$$
$$+m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(10)}m_{221}^{(11)}-2m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(10)}m_{131}^{(10)}+m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(10)}m_{041}^{(00)}$$
$$-m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(11)}m_{311}^{(11)}+2m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(11)}m_{221}^{(10)}-m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(11)}m_{131}^{(00)}$$

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\begin{aligned}
&-m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(20)}m_{230}^{(11)} + 2m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(20)}m_{140}^{(10)} - m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(20)}m_{050}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(21)}m_{320}^{(11)} - 2m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(21)}m_{230}^{(10)} + m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(21)}m_{140}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(11)}m_{212}^{(22)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(11)}m_{203}^{(21)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(11)}m_{104}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(11)}m_{014}^{(00)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{221}^{(22)} + 4m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{212}^{(21)}\\
&-4m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{113}^{(10)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{023}^{(00)} + m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(22)}m_{230}^{(22)}\\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(22)}m_{221}^{(21)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(22)}m_{122}^{(10)} - m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(22)}m_{032}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(10)}m_{131}^{(22)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(10)}m_{122}^{(21)} - m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(10)}m_{113}^{(11)}\\
&+m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(11)}m_{221}^{(22)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(11)}m_{212}^{(21)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(11)}m_{203}^{(11)}\\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(11)}m_{113}^{(10)} + m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(11)}m_{023}^{(00)} + m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(20)}m_{140}^{(22)}\\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(20)}m_{131}^{(21)} + m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(20)}m_{122}^{(11)} - m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{230}^{(22)}\\
&+2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{221}^{(21)} - 3m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{212}^{(11)} + 4m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{122}^{(10)}\\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{032}^{(00)} + m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(22)}m_{221}^{(11)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(22)}m_{131}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(22)}m_{041}^{(00)} - m_{000}^{(20)}(m_{010}^{(10)})^2m_{212}^{(22)} + 2m_{000}^{(20)}(m_{010}^{(10)})^2m_{203}^{(21)}\\
&-2m_{000}^{(20)}(m_{010}^{(10)})^2m_{104}^{(10)} + m_{000}^{(20)}(m_{010}^{(10)})^2m_{014}^{(00)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{221}^{(22)}\\
&-4m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{212}^{(21)} + 4m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{113}^{(10)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{023}^{(00)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{311}^{(22)} - 4m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{302}^{(21)} + 4m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{203}^{(10)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{113}^{(00)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{320}^{(22)} + 4m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{311}^{(21)}\\
&-4m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{212}^{(10)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{122}^{(00)} + m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(00)}m_{131}^{(22)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(00)}m_{122}^{(21)} + m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(00)}m_{113}^{(11)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{203}^{(11)}\\
&+4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{113}^{(10)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{023}^{(00)} - m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{311}^{(22)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{302}^{(21)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{203}^{(10)} + m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{113}^{(00)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{230}^{(22)} + 4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{221}^{(21)} - 4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{122}^{(10)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{032}^{(00)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{320}^{(22)} - 4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{311}^{(21)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{302}^{(11)} - m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(22)}m_{311}^{(11)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(22)}m_{221}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(22)}m_{131}^{(00)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{311}^{(22)} + 4m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{302}^{(21)}\\
&-4m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{203}^{(10)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{113}^{(00)} + m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{410}^{(22)}\\
&-2m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{401}^{(21)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{302}^{(10)} - m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{212}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{221}^{(22)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{212}^{(21)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{113}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{023}^{(00)} + m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{311}^{(22)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{302}^{(21)}\\
&+2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{203}^{(10)} - m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{113}^{(00)} + m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{320}^{(22)}\\
&-2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{311}^{(21)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{212}^{(10)} - m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{122}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{410}^{(22)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{401}^{(21)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{302}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{212}^{(00)} - m_{000}^{(20)}(m_{010}^{(20)})^2m_{230}^{(22)} + 2m_{000}^{(20)}(m_{010}^{(20)})^2m_{221}^{(21)}\\
&-2m_{000}^{(20)}(m_{010}^{(20)})^2m_{122}^{(10)} + m_{000}^{(20)}(m_{010}^{(20)})^2m_{032}^{(00)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{320}^{(22)}\\
&-4m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{311}^{(21)} + 4m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{212}^{(10)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{122}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(00)}m_{140}^{(22)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(00)}m_{131}^{(21)} - m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(00)}m_{122}^{(11)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{230}^{(22)} - 4m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{221}^{(21)} + 4m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{212}^{(11)}\\
&-4m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{122}^{(10)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{032}^{(00)} - m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{320}^{(22)}
\end{aligned}
$$

$$+2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{311}^{(21)} - 4m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{302}^{(11)} + 6m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{212}^{(10)}$$
$$-3m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{122}^{(00)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(20)}m_{221}^{(11)} + 4m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(20)}m_{131}^{(10)}$$
$$-2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(20)}m_{041}^{(00)} + 4m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(21)}m_{311}^{(11)} - 8m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(21)}m_{221}^{(10)}$$
$$+4m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(21)}m_{131}^{(00)} - m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(22)}m_{320}^{(11)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(22)}m_{230}^{(10)}$$
$$-m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(22)}m_{140}^{(00)} - m_{000}^{(20)}(m_{010}^{(21)})^2m_{410}^{(22)} + 2m_{000}^{(20)}(m_{010}^{(21)})^2m_{401}^{(21)}$$
$$-2m_{000}^{(20)}(m_{010}^{(21)})^2m_{302}^{(10)} + m_{000}^{(20)}(m_{010}^{(21)})^2m_{212}^{(00)} + m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{230}^{(22)}$$
$$-2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{221}^{(21)} - m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{212}^{(11)} + 4m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{122}^{(10)}$$
$$-2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{032}^{(00)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{320}^{(22)} + 4m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{311}^{(21)}$$
$$+2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{302}^{(11)} - 8m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{212}^{(10)} + 4m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{122}^{(00)}$$
$$+m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{410}^{(22)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{401}^{(21)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{302}^{(10)}$$
$$-m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{212}^{(00)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(21)}m_{401}^{(11)} + 4m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(21)}m_{311}^{(10)}$$
$$-2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(21)}m_{221}^{(00)} + m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(22)}m_{410}^{(11)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(22)}m_{320}^{(10)}$$
$$+m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(22)}m_{230}^{(00)} + m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(00)}m_{221}^{(11)} - 2m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(00)}m_{131}^{(10)}$$
$$+m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(00)}m_{041}^{(00)} - 3m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{311}^{(11)} + 6m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{221}^{(10)}$$
$$-3m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{131}^{(00)} + 2m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(11)}m_{401}^{(11)} - 4m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(11)}m_{311}^{(10)}$$
$$+2m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(11)}m_{221}^{(00)} + m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(20)}m_{320}^{(11)} - 2m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(20)}m_{230}^{(10)}$$
$$+m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(20)}m_{140}^{(00)} - m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(21)}m_{320}^{(11)} + 2m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(21)}m_{320}^{(10)}$$
$$-m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(21)}m_{230}^{(00)} - m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{212}^{(11)} + 2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{122}^{(10)}$$
$$-m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{032}^{(00)} + 2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{221}^{(11)} - 4m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{131}^{(10)}$$
$$+2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{041}^{(00)} - m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(22)}m_{230}^{(11)} + 2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(22)}m_{140}^{(10)}$$
$$-m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(22)}m_{050}^{(00)} + m_{000}^{(20)}(m_{001}^{(10)})^2m_{212}^{(11)} - 2m_{000}^{(20)}(m_{001}^{(10)})^2m_{122}^{(10)}$$
$$+m_{000}^{(20)}(m_{001}^{(10)})^2m_{032}^{(00)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{221}^{(11)} + 4m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{131}^{(10)}$$
$$-2m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{041}^{(00)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{311}^{(11)} + 4m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{221}^{(10)}$$
$$-2m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{131}^{(00)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(22)}m_{320}^{(11)} - 4m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(22)}m_{230}^{(10)}$$
$$+2m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(22)}m_{140}^{(00)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{311}^{(11)} - 4m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{221}^{(10)}$$
$$+2m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{131}^{(00)} - m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(22)}m_{410}^{(11)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(22)}m_{320}^{(10)}$$
$$-m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(22)}m_{230}^{(00)} + m_{000}^{(20)}(m_{001}^{(20)})^2m_{230}^{(11)} - 2m_{000}^{(20)}(m_{001}^{(20)})^2m_{140}^{(10)}$$
$$+m_{000}^{(20)}(m_{001}^{(20)})^2m_{050}^{(00)} - 2m_{000}^{(20)}m_{001}^{(20)}m_{001}^{(21)}m_{320}^{(11)} + 4m_{000}^{(20)}m_{001}^{(20)}m_{001}^{(21)}m_{230}^{(10)}$$
$$-2m_{000}^{(20)}m_{001}^{(20)}m_{001}^{(21)}m_{140}^{(00)} + m_{000}^{(20)}(m_{001}^{(21)})^2m_{410}^{(11)} - 2m_{000}^{(20)}(m_{001}^{(21)})^2m_{320}^{(10)}$$
$$+m_{000}^{(20)}(m_{001}^{(21)})^2m_{230}^{(00)} - m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(11)}m_{122}^{(22)} + m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(11)}m_{104}^{(11)}$$
$$+2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(11)}m_{023}^{(20)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(11)}m_{014}^{(10)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(21)}m_{131}^{(22)}$$
$$-2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(21)}m_{113}^{(11)} - 4m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(21)}m_{032}^{(20)} + 4m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(21)}m_{023}^{(10)}$$
$$-m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(22)}m_{140}^{(22)} + m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(22)}m_{122}^{(11)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(22)}m_{041}^{(20)}$$
$$-2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(22)}m_{032}^{(10)} + m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(10)}m_{122}^{(22)} - m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(10)}m_{104}^{(11)}$$
$$-2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(10)}m_{023}^{(20)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(10)}m_{014}^{(10)} - m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(20)}m_{131}^{(22)}$$
$$+m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(20)}m_{113}^{(11)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(20)}m_{032}^{(20)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(20)}m_{023}^{(10)}$$
$$-m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(21)}m_{221}^{(22)} + m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(21)}m_{203}^{(11)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(21)}m_{122}^{(20)}$$
$$-2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(21)}m_{113}^{(10)} + m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(22)}m_{230}^{(22)} - m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(22)}m_{212}^{(11)}$$

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\begin{aligned}
&-2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(22)}m_{131}^{(20)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(22)}m_{122}^{(10)} - m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(10)}m_{131}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(10)}m_{113}^{(11)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(10)}m_{032}^{(20)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(10)}m_{023}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(11)}m_{221}^{(22)} - m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(11)}m_{203}^{(11)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(11)}m_{122}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(11)}m_{113}^{(10)} + m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(20)}m_{140}^{(22)} - m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(20)}m_{122}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(20)}m_{041}^{(20)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(20)}m_{032}^{(10)} - m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{230}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{212}^{(11)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{131}^{(20)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{122}^{(10)}\\
&+m_{000}^{(21)}(m_{100}^{(10)})^2m_{122}^{(22)} - m_{000}^{(21)}(m_{100}^{(10)})^2m_{104}^{(11)} - 2m_{000}^{(21)}(m_{100}^{(10)})^2m_{023}^{(20)}\\
&+2m_{000}^{(21)}(m_{100}^{(10)})^2m_{014}^{(10)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(20)}m_{131}^{(22)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(20)}m_{113}^{(11)}\\
&+4m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(20)}m_{032}^{(20)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(20)}m_{023}^{(10)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(21)}m_{221}^{(22)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(21)}m_{203}^{(11)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(21)}m_{122}^{(20)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(21)}m_{113}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}m_{230}^{(22)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}m_{212}^{(11)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}m_{131}^{(20)}\\
&+4m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}m_{122}^{(10)} - m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(00)}m_{122}^{(22)} + m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(00)}m_{104}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(00)}m_{023}^{(20)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(00)}m_{014}^{(10)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(10)}m_{212}^{(22)}\\
&+4m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(10)}m_{113}^{(20)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(10)}m_{014}^{(00)} + m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(11)}m_{302}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(11)}m_{203}^{(20)} + m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(11)}m_{104}^{(00)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{221}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{203}^{(11)} - 8m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{122}^{(20)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{113}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{023}^{(00)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(22)}m_{320}^{(22)} + m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(22)}m_{302}^{(11)}\\
&+4m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(22)}m_{221}^{(20)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(22)}m_{212}^{(10)} - m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(22)}m_{122}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(00)}m_{131}^{(22)} - m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(00)}m_{113}^{(11)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(00)}m_{032}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(00)}m_{023}^{(10)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(10)}m_{203}^{(11)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(10)}m_{113}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(10)}m_{023}^{(00)} - m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(11)}m_{311}^{(22)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(11)}m_{212}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(11)}m_{113}^{(00)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{230}^{(22)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{131}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{032}^{(00)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{320}^{(22)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{302}^{(11)}\\
&-4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{221}^{(20)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{212}^{(10)} + m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(22)}m_{311}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(22)}m_{221}^{(10)} + m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(22)}m_{131}^{(00)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{221}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{203}^{(11)} - 4m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{122}^{(20)} + 4m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{113}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(22)}m_{320}^{(22)} + m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(22)}m_{302}^{(11)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(22)}m_{221}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(22)}m_{212}^{(10)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(00)}m_{212}^{(22)} - 4m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(00)}m_{113}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(00)}m_{014}^{(00)} - m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(10)}m_{302}^{(22)} + m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(10)}m_{203}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(10)}m_{104}^{(00)} - 3m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(20)}m_{311}^{(22)} + 6m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(20)}m_{212}^{(20)}\\
&-3m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(20)}m_{113}^{(00)} + m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(21)}m_{401}^{(22)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(21)}m_{302}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(21)}m_{203}^{(00)} + m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(22)}m_{410}^{(22)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(22)}m_{311}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(22)}m_{212}^{(00)} - m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(00)}m_{221}^{(22)} - m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(00)}m_{203}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(00)}m_{122}^{(20)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(00)}m_{113}^{(10)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(00)}m_{023}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(10)}m_{311}^{(22)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(10)}m_{212}^{(20)} + m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(10)}m_{113}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{320}^{(22)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{302}^{(11)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{221}^{(20)}\\
&-4m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{212}^{(10)} + 3m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{122}^{(00)} - m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(21)}m_{410}^{(22)}\\
&+2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(21)}m_{311}^{(20)} - m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(21)}m_{212}^{(00)} - m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(22)}m_{401}^{(11)}
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\begin{aligned}
&+2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(22)}m_{311}^{(10)} - m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(22)}m_{221}^{(00)} + m_{000}^{(21)}(m_{100}^{(20)})^2m_{140}^{(22)}\\
&-m_{000}^{(21)}(m_{100}^{(20)})^2m_{122}^{(11)} - 2m_{000}^{(21)}(m_{100}^{(20)})^2m_{041}^{(20)} + 2m_{000}^{(21)}(m_{100}^{(20)})^2m_{032}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{230}^{(22)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{212}^{(11)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{131}^{(20)}\\
&-4m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{122}^{(10)} + m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(00)}m_{131}^{(22)} - m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(00)}m_{113}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(00)}m_{032}^{(20)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(00)}m_{023}^{(10)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{203}^{(11)}\\
&-4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{113}^{(10)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{023}^{(00)} - m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(11)}m_{311}^{(22)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(11)}m_{212}^{(20)} - m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(11)}m_{113}^{(00)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{230}^{(22)}\\
&+4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{131}^{(20)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{032}^{(00)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{320}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{302}^{(11)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{221}^{(20)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{212}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}m_{311}^{(11)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}m_{221}^{(10)} + m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}m_{131}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(00)}m_{140}^{(22)} + m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(00)}m_{122}^{(11)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(00)}m_{041}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(00)}m_{032}^{(10)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{230}^{(22)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{212}^{(11)}\\
&-4m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{131}^{(20)} + 8m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{122}^{(10)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{032}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{320}^{(22)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{302}^{(11)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{221}^{(20)}\\
&-4m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{212}^{(10)} + m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{122}^{(00)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(20)}m_{221}^{(11)}\\
&-4m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(20)}m_{131}^{(10)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(20)}m_{041}^{(00)} - m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(22)}m_{320}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(22)}m_{230}^{(10)} - m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(22)}m_{140}^{(00)} + m_{000}^{(21)}(m_{100}^{(21)})^2m_{320}^{(22)}\\
&-m_{000}^{(21)}(m_{100}^{(21)})^2m_{302}^{(11)} - 2m_{000}^{(21)}(m_{100}^{(21)})^2m_{221}^{(20)} + 2m_{000}^{(21)}(m_{100}^{(21)})^2m_{212}^{(10)}\\
&-3m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(00)}m_{221}^{(22)} - m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(00)}m_{203}^{(11)} + 6m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(00)}m_{122}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(00)}m_{113}^{(10)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(00)}m_{023}^{(00)} + 4m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(10)}m_{311}^{(22)}\\
&-8m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(10)}m_{212}^{(20)} + 4m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(10)}m_{113}^{(00)} - m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(11)}m_{401}^{(22)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(11)}m_{302}^{(20)} - m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(11)}m_{203}^{(00)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{320}^{(22)}\\
&+2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{302}^{(11)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{221}^{(20)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{212}^{(10)}\\
&+4m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{122}^{(00)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(21)}m_{410}^{(22)} + 4m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(21)}m_{311}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(21)}m_{212}^{(00)} - m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(22)}m_{401}^{(11)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(22)}m_{311}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(22)}m_{221}^{(00)} + m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}m_{230}^{(22)} + 3m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}m_{212}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}m_{131}^{(20)} - 6m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}m_{122}^{(10)} + 4m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}m_{032}^{(00)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{320}^{(22)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{302}^{(11)} + 4m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{221}^{(20)}\\
&+4m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{212}^{(10)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{122}^{(00)} + m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(11)}m_{410}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(11)}m_{311}^{(20)} + m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(11)}m_{212}^{(00)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(20)}m_{311}^{(11)}\\
&+8m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(20)}m_{221}^{(10)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(20)}m_{131}^{(00)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(21)}m_{401}^{(11)}\\
&-4m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(21)}m_{311}^{(10)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(21)}m_{221}^{(00)} + m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(22)}m_{410}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(22)}m_{320}^{(10)} + m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(22)}m_{230}^{(00)} + m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{230}^{(22)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{212}^{(11)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{131}^{(20)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{122}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{032}^{(00)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{320}^{(22)} - m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{302}^{(11)}\\
&+4m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{221}^{(20)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{212}^{(10)} - 3m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{122}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(11)}m_{410}^{(22)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(11)}m_{311}^{(20)} + m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(11)}m_{212}^{(00)}\\
&-m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{311}^{(11)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{221}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{131}^{(00)}
\end{aligned}
$$

$$+m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(21)}m_{401}^{(11)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(21)}m_{311}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(21)}m_{221}^{(00)}$$
$$-2m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(00)}m_{221}^{(11)} + 4m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(00)}m_{131}^{(10)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(00)}m_{041}^{(00)}$$
$$+3m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(10)}m_{311}^{(11)} - 6m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(10)}m_{221}^{(10)} + 3m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(10)}m_{131}^{(00)}$$
$$-m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(11)}m_{401}^{(11)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(11)}m_{311}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(11)}m_{221}^{(00)}$$
$$+m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(20)}m_{320}^{(11)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(20)}m_{230}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(20)}m_{140}^{(00)}$$
$$-m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(21)}m_{410}^{(11)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(21)}m_{320}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(21)}m_{230}^{(00)}$$
$$-m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(11)}m_{302}^{(22)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(11)}m_{203}^{(20)} - m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(11)}m_{104}^{(00)}$$
$$+2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{311}^{(22)} - 4m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{212}^{(20)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{113}^{(00)}$$
$$-m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{320}^{(22)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{221}^{(20)} - m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{122}^{(00)}$$
$$+m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{221}^{(22)} - m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{203}^{(11)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{122}^{(20)}$$
$$+2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{113}^{(10)} - m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(11)}m_{311}^{(22)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(11)}m_{212}^{(20)}$$
$$-m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(11)}m_{113}^{(00)} - m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{230}^{(22)} + m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{212}^{(11)}$$
$$+2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{131}^{(20)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{122}^{(10)} + m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{320}^{(22)}$$
$$+m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{302}^{(11)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{221}^{(20)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{212}^{(10)}$$
$$+2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{122}^{(00)} - m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(22)}m_{311}^{(11)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(22)}m_{221}^{(10)}$$
$$-m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(22)}m_{131}^{(00)} + m_{000}^{(21)}(m_{010}^{(10)})^2m_{302}^{(22)} - 2m_{000}^{(21)}(m_{010}^{(10)})^2m_{203}^{(20)}$$
$$+m_{000}^{(21)}(m_{010}^{(10)})^2m_{104}^{(00)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{311}^{(22)} + 4m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{212}^{(20)}$$
$$-2m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{113}^{(00)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(21)}m_{401}^{(22)} + 4m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(21)}m_{302}^{(20)}$$
$$-2m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(21)}m_{203}^{(00)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{410}^{(22)} - 4m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{311}^{(20)}$$
$$+2m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{212}^{(00)} - m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{221}^{(22)} + m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{203}^{(11)}$$
$$+2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{122}^{(20)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{113}^{(10)} + m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(11)}m_{401}^{(22)}$$
$$-2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(11)}m_{302}^{(20)} + m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(11)}m_{203}^{(00)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{320}^{(22)}$$
$$-2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{302}^{(11)} - 4m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{221}^{(20)} + 4m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{212}^{(10)}$$
$$-2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{410}^{(22)} + 4m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{311}^{(20)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{212}^{(00)}$$
$$+m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(22)}m_{401}^{(11)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(22)}m_{311}^{(10)} + m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(22)}m_{221}^{(00)}$$
$$+2m_{000}^{(21)}m_{010}^{(11)}m_{010}^{(20)}m_{401}^{(22)} - 4m_{000}^{(21)}m_{010}^{(11)}m_{010}^{(20)}m_{302}^{(20)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{010}^{(20)}m_{203}^{(00)}$$
$$-m_{000}^{(21)}m_{010}^{(11)}m_{010}^{(22)}m_{500}^{(22)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{010}^{(22)}m_{401}^{(20)} - m_{000}^{(21)}m_{010}^{(11)}m_{010}^{(22)}m_{302}^{(00)}$$
$$+m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{311}^{(22)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{212}^{(20)} + m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{113}^{(00)}$$
$$-m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(10)}m_{401}^{(22)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(10)}m_{302}^{(20)} - m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(10)}m_{203}^{(00)}$$
$$-m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(20)}m_{410}^{(22)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(20)}m_{311}^{(20)} - m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(20)}m_{212}^{(00)}$$
$$+m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(21)}m_{500}^{(22)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(21)}m_{401}^{(20)} + m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(21)}m_{302}^{(00)}$$
$$+m_{000}^{(21)}(m_{010}^{(20)})^2m_{320}^{(22)} - 2m_{000}^{(21)}(m_{010}^{(20)})^2m_{221}^{(20)} + m_{000}^{(21)}(m_{010}^{(20)})^2m_{122}^{(00)}$$
$$-2m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{410}^{(22)} + 4m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{311}^{(20)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{212}^{(00)}$$
$$+m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{230}^{(22)} - m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{212}^{(11)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{131}^{(20)}$$
$$+2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{122}^{(10)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(10)}m_{320}^{(22)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(10)}m_{302}^{(11)}$$
$$+4m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(10)}m_{221}^{(20)} - 4m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(10)}m_{212}^{(10)} + m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(11)}m_{410}^{(22)}$$
$$-2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(11)}m_{311}^{(20)} + m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(11)}m_{212}^{(00)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(21)}m_{401}^{(11)}$$
$$+4m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(21)}m_{311}^{(10)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(21)}m_{221}^{(00)} + m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(22)}m_{410}^{(11)}$$

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\begin{aligned}
&-2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(22)}m_{320}^{(10)} + m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(22)}m_{230}^{(00)} + m_{000}^{(21)}(m_{010}^{(21)})^2m_{500}^{(22)}\\
&-2m_{000}^{(21)}(m_{010}^{(21)})^2m_{401}^{(20)} + m_{000}^{(21)}(m_{010}^{(21)})^2m_{302}^{(00)} - m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{320}^{(22)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{302}^{(11)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{221}^{(20)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{212}^{(10)}\\
&-2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{122}^{(00)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{410}^{(22)} - 4m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{311}^{(20)}\\
&+2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{212}^{(00)} - m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(11)}m_{500}^{(22)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(11)}m_{401}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(11)}m_{302}^{(00)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{401}^{(11)} - 4m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{311}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{221}^{(00)} - m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(22)}m_{500}^{(11)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(22)}m_{410}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(22)}m_{320}^{(00)} + m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{311}^{(11)} - 2m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{221}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{131}^{(00)} - m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(10)}m_{401}^{(11)} + 2m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(10)}m_{311}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(10)}m_{221}^{(00)} - m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(20)}m_{410}^{(11)} + 2m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(20)}m_{320}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(20)}m_{230}^{(00)} + m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(21)}m_{500}^{(11)} - 2m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(21)}m_{410}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(21)}m_{320}^{(00)} + m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{302}^{(11)} - 2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{212}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{122}^{(00)} - 2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{311}^{(11)} + 4m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{221}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{131}^{(00)} + m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(22)}m_{320}^{(11)} - 2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(22)}m_{230}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(22)}m_{140}^{(00)} - m_{000}^{(21)}(m_{001}^{(10)})^2m_{302}^{(11)} + 2m_{000}^{(21)}(m_{001}^{(10)})^2m_{212}^{(10)}\\
&-m_{000}^{(21)}(m_{001}^{(10)})^2m_{122}^{(00)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{311}^{(11)} - 4m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{221}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{131}^{(00)} + 2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{401}^{(11)} - 4m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{311}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{221}^{(00)} - 2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(22)}m_{410}^{(11)} + 4m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(22)}m_{320}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(22)}m_{230}^{(00)} - 2m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{401}^{(11)} + 4m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{311}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{221}^{(00)} + m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(22)}m_{500}^{(11)} - 2m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(22)}m_{410}^{(10)}\\
&+m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(22)}m_{320}^{(00)} - m_{000}^{(21)}(m_{001}^{(20)})^2m_{320}^{(11)} + 2m_{000}^{(21)}(m_{001}^{(20)})^2m_{230}^{(10)}\\
&-m_{000}^{(21)}(m_{001}^{(20)})^2m_{140}^{(00)} + 2m_{000}^{(21)}m_{001}^{(20)}m_{001}^{(21)}m_{410}^{(11)} - 4m_{000}^{(21)}m_{001}^{(20)}m_{001}^{(21)}m_{320}^{(10)}\\
&+2m_{000}^{(21)}m_{001}^{(20)}m_{001}^{(21)}m_{230}^{(00)} - m_{000}^{(21)}(m_{001}^{(21)})^2m_{500}^{(11)} + 2m_{000}^{(21)}(m_{001}^{(21)})^2m_{410}^{(10)}\\
&-m_{000}^{(21)}(m_{001}^{(21)})^2m_{320}^{(00)} + m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(11)}m_{122}^{(21)} - m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(11)}m_{113}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(11)}m_{032}^{(20)} + m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(11)}m_{023}^{(10)} - 2m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)}m_{131}^{(21)}\\
&+2m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)}m_{122}^{(11)} + 2m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)}m_{041}^{(20)} - 2m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)}m_{032}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(22)}m_{140}^{(21)} - m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(22)}m_{131}^{(11)} - m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(22)}m_{050}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(22)}m_{041}^{(10)} - m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(10)}m_{122}^{(21)} + m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(10)}m_{113}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(10)}m_{032}^{(20)} - m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(10)}m_{023}^{(10)} + m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(20)}m_{131}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(20)}m_{122}^{(11)} - m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(20)}m_{041}^{(20)} + m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(20)}m_{032}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{221}^{(21)} - m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{212}^{(11)} - m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{131}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{122}^{(10)} - m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(22)}m_{230}^{(21)} + m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(22)}m_{221}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(22)}m_{140}^{(20)} - m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(22)}m_{131}^{(10)} + m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(10)}m_{131}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(10)}m_{122}^{(11)} - m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(10)}m_{041}^{(20)} + m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(10)}m_{032}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(11)}m_{221}^{(21)} + m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(11)}m_{212}^{(11)} + m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(11)}m_{131}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(11)}m_{122}^{(10)} - m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(20)}m_{140}^{(21)} + m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(20)}m_{131}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(20)}m_{050}^{(20)} - m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(20)}m_{041}^{(10)} + m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(21)}m_{230}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(21)}m_{221}^{(11)} - m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(21)}m_{140}^{(20)} + m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(21)}m_{131}^{(10)}
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\begin{aligned}
&-m_{000}^{(22)}(m_{100}^{(10)})^2m_{122}^{(21)} + m_{000}^{(22)}(m_{100}^{(10)})^2m_{113}^{(11)} + m_{000}^{(22)}(m_{100}^{(10)})^2m_{032}^{(20)}\\
&-m_{000}^{(22)}(m_{100}^{(10)})^2m_{023}^{(10)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(20)}m_{131}^{(21)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(20)}m_{122}^{(11)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(20)}m_{041}^{(20)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(20)}m_{032}^{(10)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}m_{221}^{(21)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}m_{212}^{(11)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}m_{131}^{(20)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}m_{122}^{(10)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(22)}m_{230}^{(21)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(22)}m_{221}^{(11)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(22)}m_{140}^{(20)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(22)}m_{131}^{(10)} + m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(00)}m_{122}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(00)}m_{113}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(00)}m_{032}^{(20)} + m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(00)}m_{023}^{(10)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(10)}m_{212}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(10)}m_{203}^{(11)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(10)}m_{122}^{(20)} + m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(10)}m_{023}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}m_{302}^{(21)} + m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}m_{212}^{(20)} + m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}m_{203}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}m_{113}^{(00)} - 4m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{221}^{(21)} + 3m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{212}^{(11)}\\
&+4m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{131}^{(20)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{122}^{(10)} - m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{032}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{302}^{(11)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{212}^{(10)} + m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{122}^{(00)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(22)}m_{320}^{(21)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(22)}m_{311}^{(11)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(22)}m_{230}^{(20)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(22)}m_{221}^{(10)} - m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(00)}m_{131}^{(21)} + m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(00)}m_{122}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(00)}m_{041}^{(20)} - m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(00)}m_{032}^{(10)} - m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)}m_{212}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)}m_{122}^{(10)} - m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)}m_{032}^{(00)} + m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{311}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{221}^{(20)} - m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{212}^{(10)} + m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{122}^{(00)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(20)}m_{230}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(20)}m_{221}^{(11)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(20)}m_{140}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(20)}m_{041}^{(00)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(21)}m_{320}^{(21)} + m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(21)}m_{311}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(21)}m_{230}^{(20)} - m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(21)}m_{131}^{(00)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{221}^{(21)}\\
&+2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{212}^{(11)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{131}^{(20)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{122}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(22)}m_{320}^{(21)} - m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(22)}m_{311}^{(11)} - m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(22)}m_{230}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(22)}m_{221}^{(10)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(00)}m_{010}^{(21)}m_{212}^{} + m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(00)}m_{010}^{(11)}m_{203}^{}\\
&+2m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(00)}m_{122}^{(20)} - m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(00)}m_{023}^{(00)} + m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(10)}m_{302}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(10)}m_{212}^{(20)} - m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(10)}m_{203}^{(10)} + m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(10)}m_{113}^{(00)}\\
&+3m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)}m_{311}^{(21)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)}m_{302}^{(11)} - 3m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)}m_{221}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)}m_{212}^{(10)} + m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)}m_{122}^{(00)} - m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(21)}m_{401}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(21)}m_{311}^{(20)} + m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(21)}m_{302}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(21)}m_{212}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(22)}m_{410}^{(21)} + m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(22)}m_{401}^{(11)} + m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(22)}m_{320}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(22)}m_{311}^{(10)} + m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(00)}m_{221}^{(21)} - m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(00)}m_{131}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(00)}m_{122}^{(10)} + m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(00)}m_{032}^{(00)} - m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(10)}m_{311}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(10)}m_{221}^{(20)} + m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(10)}m_{212}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(10)}m_{122}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(20)}m_{320}^{(21)} + m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(20)}m_{230}^{(20)} + m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(20)}m_{221}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(20)}m_{131}^{(00)} + m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(21)}m_{410}^{(21)} - m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(21)}m_{320}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(21)}m_{311}^{(10)} + m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(21)}m_{221}^{(00)} - m_{000}^{(22)}(m_{100}^{(20)})^2m_{140}^{(21)}\\
&+m_{000}^{(22)}(m_{100}^{(20)})^2m_{131}^{(11)} + m_{000}^{(22)}(m_{100}^{(20)})^2m_{050}^{(20)} - m_{000}^{(22)}(m_{100}^{(20)})^2m_{041}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(21)}m_{230}^{(21)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(21)}m_{221}^{(11)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(21)}m_{140}^{(20)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(21)}m_{131}^{(10)} - m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(00)}m_{131}^{(21)} + m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(00)}m_{122}^{(11)}
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&+m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(00)}m_{041}^{(20)} - m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(00)}m_{032}^{(10)} - m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{212}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{122}^{(10)} - m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{032}^{(00)} + m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{311}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{221}^{(20)} - m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{212}^{(10)} + m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{122}^{(00)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(20)}m_{230}^{(21)} - m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(20)}m_{221}^{(11)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(20)}m_{140}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(20)}m_{041}^{(00)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(21)}m_{320}^{(21)} + m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(21)}m_{311}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(21)}m_{230}^{(20)} - m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(21)}m_{131}^{(00)} + m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(00)}m_{140}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(00)}m_{131}^{(11)} - m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(00)}m_{050}^{(20)} + m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(00)}m_{041}^{(10)}\\
&-2m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(10)}m_{230}^{(21)} + 3m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(10)}m_{221}^{(11)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(10)}m_{140}^{(20)}\\
&-4m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(10)}m_{131}^{(10)} + m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(10)}m_{041}^{(00)} + m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(11)}m_{320}^{(21)}\\
&-2m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(11)}m_{311}^{(11)} - m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(11)}m_{230}^{(20)} + 3m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(11)}m_{221}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(11)}m_{131}^{(00)} - m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(20)}m_{230}^{(11)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(20)}m_{140}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(20)}m_{050}^{(00)} + m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(21)}m_{320}^{(11)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(21)}m_{230}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(21)}m_{140}^{(00)} - m_{000}^{(22)}(m_{100}^{(21)})^2m_{320}^{(21)} + m_{000}^{(22)}(m_{100}^{(21)})^2m_{311}^{(11)}\\
&+m_{000}^{(22)}(m_{100}^{(21)})^2m_{230}^{(20)} - m_{000}^{(22)}(m_{100}^{(21)})^2m_{221}^{(10)} + 3m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}m_{221}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}m_{212}^{(11)} - 3m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}m_{131}^{(20)} - m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}m_{122}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}m_{032}^{(00)} - 4m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{311}^{(21)} + m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{302}^{(11)}\\
&+4m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{221}^{(20)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{212}^{(10)} - 3m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{122}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)}m_{401}^{(21)} - m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)}m_{311}^{(20)} - m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)}m_{302}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)}m_{212}^{(00)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(20)}m_{320}^{(21)} + m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(20)}m_{311}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(20)}m_{230}^{(20)} - m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(20)}m_{131}^{(00)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(21)}m_{410}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(21)}m_{401}^{(11)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(21)}m_{320}^{(20)} + m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(21)}m_{221}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(00)}m_{230}^{(21)} - m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(00)}m_{221}^{(11)} + m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(00)}m_{140}^{(20)}\\
&+3m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(00)}m_{131}^{(10)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(00)}m_{041}^{(00)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(10)}m_{320}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(10)}m_{311}^{(11)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(10)}m_{230}^{(20)} - 4m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(10)}m_{221}^{(10)}\\
&+3m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(10)}m_{131}^{(00)} - m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(11)}m_{410}^{(21)} + m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(11)}m_{320}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(11)}m_{311}^{(10)} - m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(11)}m_{221}^{(00)} + m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(20)}m_{320}^{(11)}\\
&-2m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(20)}m_{230}^{(10)} + m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(20)}m_{140}^{(00)} - m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(21)}m_{410}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(21)}m_{320}^{(10)} - m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(21)}m_{230}^{(00)} - m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(00)}m_{230}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(00)}m_{140}^{(20)} + m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(00)}m_{131}^{(10)} - m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(00)}m_{041}^{(00)}\\
&+2m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)}m_{320}^{(21)} - 2m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)}m_{230}^{(20)} - 2m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)}m_{221}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)}m_{131}^{(00)} - m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(11)}m_{410}^{(21)} + m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(11)}m_{320}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(11)}m_{311}^{(10)} - m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(11)}m_{221}^{(00)} + m_{000}^{(22)}m_{100}^{(22)}m_{001}^{(00)}m_{230}^{(11)}\\
&-2m_{000}^{(22)}m_{100}^{(22)}m_{001}^{(00)}m_{140}^{(10)} + m_{000}^{(22)}m_{100}^{(22)}m_{001}^{(00)}m_{050}^{(00)} - 2m_{000}^{(22)}m_{100}^{(22)}m_{001}^{(10)}m_{320}^{(11)}\\
&+4m_{000}^{(22)}m_{100}^{(22)}m_{001}^{(10)}m_{230}^{(10)} - 2m_{000}^{(22)}m_{100}^{(22)}m_{001}^{(10)}m_{140}^{(00)} + m_{000}^{(22)}m_{100}^{(22)}m_{001}^{(11)}m_{410}^{(11)}\\
&-2m_{000}^{(22)}m_{100}^{(22)}m_{001}^{(11)}m_{320}^{(10)} + m_{000}^{(22)}m_{100}^{(22)}m_{001}^{(11)}m_{230}^{(00)} + m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{302}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{212}^{(20)} - m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{203}^{(10)} + m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{113}^{(00)}\\
&-2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{311}^{(21)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{221}^{(20)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{212}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{122}^{(00)} + m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(22)}m_{320}^{(21)} - m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(22)}m_{230}^{(20)}
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&-m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(22)}m_{221}^{(10)}+m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(22)}m_{131}^{(00)}-m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{221}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{212}^{(11)}+m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{131}^{(20)}-m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{122}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{311}^{(21)}-m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{302}^{(11)}-m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{221}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{212}^{(10)}+m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{230}^{(21)}-m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{221}^{(11)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{140}^{(20)}+m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{131}^{(10)}-m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{320}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{311}^{(11)}+m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{230}^{(20)}-m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{221}^{(10)}\\
&-m_{000}^{(22)}(m_{010}^{(10)})^2m_{302}^{(21)}+m_{000}^{(22)}(m_{010}^{(10)})^2m_{212}^{(20)}+m_{000}^{(22)}(m_{010}^{(10)})^2m_{203}^{(10)}\\
&-m_{000}^{(22)}(m_{010}^{(10)})^2m_{113}^{(00)}+2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{311}^{(21)}-2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{221}^{(20)}\\
&-2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{212}^{(10)}+2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{122}^{(00)}+2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{401}^{(21)}\\
&-2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{311}^{(20)}-2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{302}^{(10)}+2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{212}^{(00)}\\
&-2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{410}^{(21)}+2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{320}^{(20)}+2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{311}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(00)}m_{221}^{(20)}+m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{221}^{(21)}-m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{212}^{(11)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{131}^{(20)}+m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{122}^{(10)}+m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{302}^{(11)}\\
&-2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{212}^{(10)}+m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{122}^{(00)}-m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{401}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{311}^{(20)}+m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{302}^{(10)}-m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{212}^{(00)}\\
&-2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{320}^{(21)}+m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{311}^{(11)}+2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{230}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{131}^{(00)}+2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{410}^{(21)}-m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{401}^{(11)}\\
&-2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{320}^{(20)}+m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{221}^{(00)}-2m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{401}^{(21)}\\
&+2m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{311}^{(20)}+2m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{302}^{(10)}-2m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{212}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(22)}m_{500}^{(21)}-m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(22)}m_{410}^{(20)}-m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(22)}m_{401}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(22)}m_{311}^{(00)}-m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{311}^{(21)}+m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{221}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{212}^{(10)}-m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{122}^{(00)}+m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{401}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{311}^{(20)}-m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{302}^{(10)}+m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{212}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{410}^{(21)}-m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{320}^{(20)}-m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{311}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{221}^{(00)}-m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(21)}m_{500}^{(21)}+m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(21)}m_{410}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(21)}m_{401}^{(10)}-m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(21)}m_{311}^{(00)}-m_{000}^{(22)}(m_{010}^{(20)})^2m_{320}^{(21)}\\
&+m_{000}^{(22)}(m_{010}^{(20)})^2m_{230}^{(20)}+m_{000}^{(22)}(m_{010}^{(20)})^2m_{221}^{(10)}-m_{000}^{(22)}(m_{010}^{(20)})^2m_{131}^{(00)}\\
&+2m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{410}^{(21)}-2m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{320}^{(20)}-2m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{311}^{(10)}\\
&+2m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{221}^{(00)}-m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(00)}m_{230}^{(21)}+m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(00)}m_{221}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(00)}m_{140}^{(20)}-m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(00)}m_{131}^{(10)}+2m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{320}^{(21)}\\
&-3m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{311}^{(11)}-2m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{230}^{(20)}+4m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{221}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{131}^{(00)}-m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{410}^{(21)}+2m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{401}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{320}^{(20)}-3m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{311}^{(10)}+m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{221}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(20)}m_{320}^{(11)}-2m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(20)}m_{230}^{(10)}+m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(20)}m_{140}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(21)}m_{410}^{(11)}+2m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(21)}m_{320}^{(10)}-m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(21)}m_{230}^{(00)}\\
&-m_{000}^{(22)}(m_{010}^{(21)})^2m_{500}^{(21)}+m_{000}^{(22)}(m_{010}^{(21)})^2m_{410}^{(20)}+m_{000}^{(22)}(m_{010}^{(21)})^2m_{401}^{(10)}\\
&-m_{000}^{(22)}(m_{010}^{(21)})^2m_{311}^{(00)}+m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{320}^{(21)}+m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{311}^{(11)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{230}^{(20)}-3m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{221}^{(10)}+2m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{131}^{(00)}
\end{aligned}
$$

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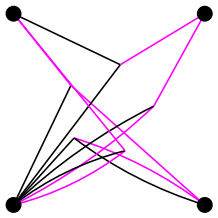
\begin{aligned}
&-2m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{410}^{(21)} - m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{401}^{(11)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{320}^{(20)}\\
&+4m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{311}^{(10)} - 3m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{221}^{(00)} + m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(11)}m_{500}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(11)}m_{410}^{(20)} - m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(11)}m_{401}^{(10)} + m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(11)}m_{311}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(20)}m_{410}^{(11)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(20)}m_{320}^{(10)} - m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(20)}m_{230}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(21)}m_{500}^{(11)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(21)}m_{410}^{(10)} + m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(21)}m_{320}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(22)}m_{001}^{(00)}m_{320}^{(11)} + 2m_{000}^{(22)}m_{010}^{(22)}m_{001}^{(00)}m_{230}^{(10)} - m_{000}^{(22)}m_{010}^{(22)}m_{001}^{(00)}m_{140}^{(00)}\\
&+2m_{000}^{(22)}m_{010}^{(22)}m_{001}^{(10)}m_{410}^{(11)} - 4m_{000}^{(22)}m_{010}^{(22)}m_{001}^{(10)}m_{320}^{(10)} + 2m_{000}^{(22)}m_{010}^{(22)}m_{001}^{(10)}m_{230}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(22)}m_{001}^{(11)}m_{500}^{(11)} + 2m_{000}^{(22)}m_{010}^{(22)}m_{001}^{(11)}m_{410}^{(10)} - m_{000}^{(22)}m_{010}^{(22)}m_{001}^{(11)}m_{320}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{ccccc}
V1 & V1 & 1 & 1 & 1\\
1 & 1 & 2 & V2 & V4\\
V2 & V3 & V3 & V4 & 4
\end{array}
$$



$$
\begin{aligned}
T_{192} \;=\;& m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(10)}m_{023}^{(22)} - 2m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(10)}m_{014}^{(21)} + m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(10)}m_{005}^{(11)}\\
&-m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(11)}m_{113}^{(22)} + m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(11)}m_{104}^{(21)} + m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(11)}m_{014}^{(20)}\\
&-m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(11)}m_{005}^{(10)} - m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(20)}m_{032}^{(22)} + 2m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(20)}m_{023}^{(21)}\\
&-m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(20)}m_{014}^{(11)} + m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(21)}m_{122}^{(22)} - m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(21)}m_{104}^{(11)}\\
&-2m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(21)}m_{023}^{(20)} + 2m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(21)}m_{014}^{(10)} - m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(22)}m_{122}^{(21)}\\
&+m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(22)}m_{113}^{(11)} + m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(22)}m_{032}^{(20)} - m_{000}^{(00)}m_{100}^{(10)}m_{010}^{(22)}m_{023}^{(10)}\\
&-m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(10)}m_{032}^{(22)} + 2m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(10)}m_{023}^{(21)} - m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(10)}m_{014}^{(11)}\\
&+m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(11)}m_{122}^{(22)} - m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(11)}m_{113}^{(21)} - m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(11)}m_{023}^{(20)}\\
&+m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(11)}m_{014}^{(10)} + m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(20)}m_{041}^{(22)} - 2m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(20)}m_{032}^{(21)}\\
&+m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(20)}m_{023}^{(11)} - m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(21)}m_{131}^{(22)} + m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(21)}m_{113}^{(11)}\\
&+2m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(21)}m_{032}^{(20)} - 2m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(21)}m_{023}^{(10)} + m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(22)}m_{131}^{(21)}\\
&-m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(22)}m_{122}^{(11)} - m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(22)}m_{041}^{(20)} + m_{000}^{(00)}m_{100}^{(10)}m_{001}^{(22)}m_{032}^{(10)}\\
&-m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(10)}m_{113}^{(22)} + m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(10)}m_{104}^{(21)} + m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(10)}m_{014}^{(20)}\\
&-m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(10)}m_{005}^{(10)} + m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(11)}m_{203}^{(22)} - 2m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(11)}m_{104}^{(20)}\\
&+m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(11)}m_{005}^{(00)} + m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(20)}m_{122}^{(22)} - m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(20)}m_{113}^{(21)}
\end{aligned}
$$

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\begin{aligned}
&-m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(20)}m_{023}^{(20)}+m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(20)}m_{014}^{(10)}-m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(21)}m_{212}^{(22)}\\
&-m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(21)}m_{203}^{(21)}+3m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(21)}m_{113}^{(20)}+m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(21)}m_{104}^{(10)}\\
&-2m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(21)}m_{014}^{(00)}+m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(22)}m_{212}^{(21)}-m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(22)}m_{122}^{(20)}\\
&-m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(22)}m_{113}^{(10)}+m_{000}^{(00)}m_{100}^{(11)}m_{010}^{(22)}m_{023}^{(00)}+m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(10)}m_{122}^{(22)}\\
&-m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(10)}m_{113}^{(21)}-m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(10)}m_{023}^{(20)}+m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(10)}m_{014}^{(10)}\\
&-m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(11)}m_{212}^{(22)}+2m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(11)}m_{113}^{(20)}-m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(11)}m_{014}^{(00)}\\
&-m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(20)}m_{131}^{(22)}+m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(20)}m_{122}^{(21)}+m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(20)}m_{032}^{(20)}\\
&-m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(20)}m_{023}^{(10)}+m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(21)}m_{221}^{(22)}+m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(21)}m_{212}^{(21)}\\
&-3m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(21)}m_{122}^{(20)}-m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(21)}m_{113}^{(10)}+2m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(21)}m_{023}^{(00)}\\
&-m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(22)}m_{221}^{(21)}+m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(22)}m_{131}^{(20)}+m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(22)}m_{122}^{(10)}\\
&-m_{000}^{(00)}m_{100}^{(11)}m_{001}^{(22)}m_{032}^{(00)}-m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(10)}m_{032}^{(22)}+2m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(10)}m_{023}^{(21)}\\
&-m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(10)}m_{014}^{(11)}+m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(11)}m_{122}^{(22)}-m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(11)}m_{113}^{(21)}\\
&-m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(11)}m_{023}^{(20)}+m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(11)}m_{014}^{(10)}+m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(20)}m_{041}^{(22)}\\
&-2m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(20)}m_{032}^{(21)}+m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(20)}m_{023}^{(11)}-m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(21)}m_{131}^{(22)}\\
&+m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(21)}m_{113}^{(11)}+2m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(21)}m_{032}^{(20)}-2m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(21)}m_{023}^{(10)}\\
&+m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(22)}m_{131}^{(21)}-m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(22)}m_{122}^{(11)}-m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(22)}m_{041}^{(20)}\\
&+m_{000}^{(00)}m_{100}^{(20)}m_{010}^{(22)}m_{032}^{(10)}+m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(10)}m_{041}^{(22)}-2m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(10)}m_{032}^{(21)}\\
&+m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(10)}m_{023}^{(11)}-m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(11)}m_{131}^{(22)}+m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(11)}m_{122}^{(21)}\\
&+m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(11)}m_{032}^{(20)}-m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(11)}m_{023}^{(10)}-m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(20)}m_{050}^{(22)}\\
&+2m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(20)}m_{041}^{(21)}-m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(20)}m_{032}^{(11)}+m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(21)}m_{140}^{(22)}\\
&-m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(21)}m_{122}^{(11)}-2m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(21)}m_{041}^{(20)}+2m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(21)}m_{032}^{(10)}\\
&-m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(22)}m_{140}^{(21)}+m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(22)}m_{131}^{(11)}+m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(22)}m_{050}^{(20)}\\
&-m_{000}^{(00)}m_{100}^{(20)}m_{001}^{(22)}m_{041}^{(10)}+m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(10)}m_{122}^{(22)}-m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(10)}m_{104}^{(11)}\\
&-2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(10)}m_{023}^{(20)}+2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(10)}m_{014}^{(10)}-m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(11)}m_{212}^{(22)}\\
&-m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(11)}m_{203}^{(21)}+3m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(11)}m_{113}^{(20)}+m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(11)}m_{104}^{(10)}\\
&-2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(11)}m_{014}^{(00)}-m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(20)}m_{131}^{(22)}+m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(20)}m_{113}^{(11)}\\
&+2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(20)}m_{032}^{(20)}-2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(20)}m_{023}^{(10)}+m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{221}^{(22)}\\
&+2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{212}^{(21)}+m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{203}^{(11)}-4m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{122}^{(20)}\\
&-4m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{113}^{(10)}+4m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(21)}m_{023}^{(00)}-m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(22)}m_{221}^{(21)}\\
&-m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(22)}m_{212}^{(11)}+m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(22)}m_{131}^{(20)}+3m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(22)}m_{122}^{(10)}\\
&-2m_{000}^{(00)}m_{100}^{(21)}m_{010}^{(22)}m_{032}^{(00)}-m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(10)}m_{131}^{(22)}+m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(10)}m_{113}^{(11)}\\
&+2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(10)}m_{032}^{(20)}-2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(10)}m_{023}^{(10)}+m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(11)}m_{221}^{(22)}\\
&+m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(11)}m_{212}^{(21)}-3m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(11)}m_{122}^{(20)}-m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(11)}m_{113}^{(10)}\\
&+2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(11)}m_{023}^{(00)}+m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(20)}m_{140}^{(22)}-m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(20)}m_{122}^{(11)}\\
&-2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(20)}m_{041}^{(20)}+2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(20)}m_{032}^{(10)}-m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(21)}m_{230}^{(22)}\\
&-2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(21)}m_{221}^{(21)}-m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(21)}m_{212}^{(11)}+4m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(21)}m_{131}^{(20)}\\
&+4m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(21)}m_{122}^{(10)}-4m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(21)}m_{032}^{(00)}+m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(22)}m_{230}^{(21)}\\
&+m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(22)}m_{221}^{(11)}-m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(22)}m_{140}^{(20)}-3m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(22)}m_{131}^{(10)}
\end{aligned}
$$

$$+2m_{000}^{(00)}m_{100}^{(21)}m_{001}^{(22)}m_{041}^{(00)} - m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(10)}m_{122}^{(21)} + m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(10)}m_{113}^{(11)}$$
$$+m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(10)}m_{032}^{(20)} - m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(10)}m_{023}^{(10)} + m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{212}^{(21)}$$
$$-m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{122}^{(20)} - m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{113}^{(10)} + m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{023}^{(00)}$$
$$+m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(20)}m_{131}^{(21)} - m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(20)}m_{122}^{(11)} - m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(20)}m_{041}^{(20)}$$
$$+m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(20)}m_{032}^{(10)} - m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{221}^{(21)} - m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{212}^{(11)}$$
$$+m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{131}^{(20)} + 3m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{122}^{(10)} - 2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{032}^{(00)}$$
$$+m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(22)}m_{221}^{(11)} - 2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(22)}m_{131}^{(10)} + m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(22)}m_{041}^{(00)}$$
$$+m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(10)}m_{131}^{(21)} - m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(10)}m_{122}^{(11)} - m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(10)}m_{041}^{(20)}$$
$$+m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(10)}m_{032}^{(10)} - m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(11)}m_{221}^{(21)} + m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(11)}m_{131}^{(20)}$$
$$+m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(11)}m_{122}^{(10)} - m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(11)}m_{032}^{(00)} - m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(20)}m_{140}^{(21)}$$
$$+m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(20)}m_{131}^{(11)} + m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(20)}m_{050}^{(20)} - m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(20)}m_{041}^{(10)}$$
$$+m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(21)}m_{230}^{(21)} + m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(21)}m_{221}^{(11)} - m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(21)}m_{140}^{(20)}$$
$$-3m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(21)}m_{131}^{(10)} + 2m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(21)}m_{041}^{(00)} - m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(22)}m_{230}^{(11)}$$
$$+2m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(22)}m_{140}^{(10)} - m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(22)}m_{050}^{(00)} - m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(10)}m_{023}^{(22)}$$
$$+2m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(10)}m_{014}^{(21)} - m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(10)}m_{005}^{(11)} + m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(11)}m_{113}^{(22)}$$
$$-m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(11)}m_{104}^{(21)} - m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(11)}m_{014}^{(20)} + m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(11)}m_{005}^{(10)}$$
$$+m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(20)}m_{032}^{(22)} - 2m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(20)}m_{023}^{(21)} + m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(20)}m_{014}^{(11)}$$
$$-m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(21)}m_{122}^{(22)} + m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(21)}m_{104}^{(11)} + 2m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(21)}m_{023}^{(20)}$$
$$-2m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(21)}m_{014}^{(10)} + m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(22)}m_{122}^{(21)} - m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(22)}m_{113}^{(11)}$$
$$-m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(22)}m_{032}^{(20)} + m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(22)}m_{023}^{(10)} + m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(10)}m_{032}^{(22)}$$
$$-2m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(10)}m_{023}^{(21)} + m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(10)}m_{014}^{(11)} - m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(11)}m_{122}^{(22)}$$
$$+m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(11)}m_{113}^{(21)} + m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(11)}m_{023}^{(20)} - m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(11)}m_{014}^{(10)}$$
$$-m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(20)}m_{041}^{(22)} + 2m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(20)}m_{032}^{(21)} - m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(20)}m_{023}^{(11)}$$
$$+m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(21)}m_{131}^{(22)} - m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(21)}m_{113}^{(11)} - 2m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(21)}m_{032}^{(20)}$$
$$+2m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(21)}m_{023}^{(10)} - m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(22)}m_{131}^{(21)} + m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(22)}m_{122}^{(11)}$$
$$+m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(22)}m_{041}^{(20)} - m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(22)}m_{032}^{(10)} + m_{000}^{(00)}(m_{010}^{(10)})^2m_{113}^{(22)}$$
$$-m_{000}^{(00)}(m_{010}^{(10)})^2m_{104}^{(21)} - m_{000}^{(00)}(m_{010}^{(10)})^2m_{014}^{(20)} + m_{000}^{(00)}(m_{010}^{(10)})^2m_{005}^{(10)}$$
$$-m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(11)}m_{203}^{(22)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(11)}m_{104}^{(20)} - m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(11)}m_{005}^{(00)}$$
$$-2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{113}^{(21)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{104}^{(11)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{023}^{(20)}$$
$$-2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{014}^{(10)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{203}^{(21)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{113}^{(20)}$$
$$-2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{104}^{(10)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{014}^{(00)} - m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{203}^{(11)}$$
$$+2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{113}^{(10)} - m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{023}^{(00)} + m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(00)}m_{032}^{(22)}$$
$$-2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(00)}m_{023}^{(21)} + m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(00)}m_{014}^{(11)} - 3m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{122}^{(22)}$$
$$+4m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{113}^{(21)} - m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{104}^{(11)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{023}^{(20)}$$
$$-2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{014}^{(10)} + 2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{212}^{(22)} - m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{203}^{(21)}$$
$$-3m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{113}^{(20)} + m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{104}^{(10)} + m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{014}^{(00)}$$
$$+m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{131}^{(22)} - m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{113}^{(11)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{032}^{(20)}$$
$$+2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{023}^{(10)} - m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{221}^{(22)} - 2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{212}^{(21)}$$

$$+m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{203}^{(11)}+4m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{122}^{(20)}-2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{023}^{(00)}$$
$$+m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{221}^{(21)}-m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{131}^{(20)}-m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{122}^{(10)}$$
$$+m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{032}^{(00)}-m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{212}^{(22)}+2m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{203}^{(21)}$$
$$-2m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{104}^{(10)}+m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{014}^{(00)}+m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(21)}m_{302}^{(22)}$$
$$-2m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(21)}m_{203}^{(20)}+m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(21)}m_{104}^{(00)}-m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(22)}m_{302}^{(21)}$$
$$+m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(22)}m_{212}^{(20)}+m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(22)}m_{203}^{(10)}-m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(22)}m_{113}^{(00)}$$
$$-m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{122}^{(22)}+m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{113}^{(21)}+m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{023}^{(20)}$$
$$-m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(00)}m_{014}^{(10)}+2m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{212}^{(22)}-m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{203}^{(21)}$$
$$-3m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{113}^{(20)}+m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{104}^{(10)}+m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{014}^{(00)}$$
$$-m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(11)}m_{302}^{(22)}+2m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(11)}m_{203}^{(20)}-m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(11)}m_{104}^{(00)}$$
$$-m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{212}^{(21)}+m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{122}^{(20)}+m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{113}^{(10)}$$
$$-m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{023}^{(00)}+m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{302}^{(21)}-m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{212}^{(20)}$$
$$-m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{203}^{(10)}+m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{113}^{(00)}-m_{000}^{(00)}(m_{010}^{(20)})^2m_{131}^{(22)}$$
$$+3m_{000}^{(00)}(m_{010}^{(20)})^2m_{122}^{(21)}-2m_{000}^{(00)}(m_{010}^{(20)})^2m_{113}^{(11)}-m_{000}^{(00)}(m_{010}^{(20)})^2m_{032}^{(20)}$$
$$+m_{000}^{(00)}(m_{010}^{(20)})^2m_{023}^{(10)}+2m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{221}^{(22)}-2m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{212}^{(21)}$$
$$-2m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{203}^{(11)}-2m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{122}^{(20)}+6m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{113}^{(10)}$$
$$-2m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{023}^{(00)}-2m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{221}^{(21)}+3m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{212}^{(11)}$$
$$+2m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{131}^{(20)}-4m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{122}^{(10)}+m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{032}^{(00)}$$
$$-m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(00)}m_{041}^{(22)}+2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(00)}m_{032}^{(21)}-m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(00)}m_{023}^{(11)}$$
$$+m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{131}^{(22)}-m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{113}^{(11)}-2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{032}^{(20)}$$
$$+2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{023}^{(10)}-m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{212}^{(21)}+m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{122}^{(20)}$$
$$+m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{113}^{(10)}-m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{023}^{(00)}+m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(20)}m_{140}^{(22)}$$
$$-4m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(20)}m_{131}^{(21)}+3m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(20)}m_{122}^{(11)}+2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(20)}m_{041}^{(20)}$$
$$-2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(20)}m_{032}^{(10)}-m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{230}^{(22)}+2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{221}^{(21)}$$
$$+m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{212}^{(11)}-4m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{122}^{(10)}+2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{032}^{(00)}$$
$$+m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{230}^{(21)}-2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{221}^{(11)}-m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{140}^{(20)}$$
$$+3m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{131}^{(10)}-m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{041}^{(00)}-m_{000}^{(00)}(m_{010}^{(21)})^2m_{311}^{(22)}$$
$$-m_{000}^{(00)}(m_{010}^{(21)})^2m_{302}^{(21)}+3m_{000}^{(00)}(m_{010}^{(21)})^2m_{212}^{(20)}+m_{000}^{(00)}(m_{010}^{(21)})^2m_{203}^{(10)}$$
$$-2m_{000}^{(00)}(m_{010}^{(21)})^2m_{113}^{(00)}+2m_{000}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{311}^{(21)}+m_{000}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{302}^{(11)}$$
$$-2m_{000}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{221}^{(20)}-4m_{000}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{212}^{(10)}+3m_{000}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{122}^{(00)}$$
$$+m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{131}^{(22)}-m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{113}^{(11)}-2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{032}^{(20)}$$
$$+2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{023}^{(10)}-m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{221}^{(22)}-2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{212}^{(21)}$$
$$+m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{203}^{(11)}+4m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{122}^{(20)}-2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{023}^{(00)}$$
$$+m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{302}^{(21)}-m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{212}^{(20)}-m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{203}^{(10)}$$
$$+m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{113}^{(00)}-m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{230}^{(22)}+2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{221}^{(21)}$$
$$+m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{212}^{(11)}-4m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{122}^{(10)}+2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{032}^{(00)}$$
$$+m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(21)}m_{320}^{(22)}-m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(21)}m_{302}^{(11)}-2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(21)}m_{221}^{(20)}$$
$$+2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(21)}m_{212}^{(10)}-m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{320}^{(21)}+m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{230}^{(20)}$$

$$+m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{221}^{(10)} - m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{131}^{(00)} - m_{000}^{(00)}(m_{010}^{(22)})^2m_{311}^{(11)}$$
$$+2m_{000}^{(00)}(m_{010}^{(22)})^2m_{221}^{(10)} - m_{000}^{(00)}(m_{010}^{(22)})^2m_{131}^{(00)} - m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(00)}m_{131}^{(21)}$$
$$+m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(00)}m_{122}^{(11)} + m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(00)}m_{041}^{(20)} - m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(00)}m_{032}^{(10)}$$
$$+m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{221}^{(21)} - m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{131}^{(20)} - m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{122}^{(10)}$$
$$+m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{032}^{(00)} + m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{230}^{(21)} - 2m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{221}^{(11)}$$
$$-m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{140}^{(20)} + 3m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{131}^{(10)} - m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{041}^{(00)}$$
$$-m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(21)}m_{320}^{(21)} + m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(21)}m_{230}^{(20)} + m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(21)}m_{221}^{(10)}$$
$$-m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(21)}m_{131}^{(00)} + m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(22)}m_{320}^{(11)} - 2m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(22)}m_{230}^{(10)}$$
$$+m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(22)}m_{140}^{(00)} - m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(10)}m_{041}^{(22)} + 2m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(10)}m_{032}^{(21)}$$
$$-m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(10)}m_{023}^{(11)} + m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(11)}m_{131}^{(22)} - m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(11)}m_{122}^{(21)}$$
$$-m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(11)}m_{032}^{(20)} + m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(11)}m_{023}^{(10)} + m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(20)}m_{050}^{(22)}$$
$$-2m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(20)}m_{041}^{(21)} + m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(20)}m_{032}^{(11)} - m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(21)}m_{140}^{(22)}$$
$$+m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(21)}m_{122}^{(11)} + 2m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(21)}m_{041}^{(20)} - 2m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(21)}m_{032}^{(10)}$$
$$+m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(22)}m_{140}^{(21)} - m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(22)}m_{131}^{(11)} - m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(22)}m_{050}^{(20)}$$
$$+m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(22)}m_{041}^{(10)} + 2m_{000}^{(00)}(m_{001}^{(10)})^2m_{131}^{(22)} - 3m_{000}^{(00)}(m_{001}^{(10)})^2m_{122}^{(21)}$$
$$+m_{000}^{(00)}(m_{001}^{(10)})^2m_{113}^{(11)} - m_{000}^{(00)}(m_{001}^{(10)})^2m_{032}^{(20)} + m_{000}^{(00)}(m_{001}^{(10)})^2m_{023}^{(10)}$$
$$-3m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{221}^{(22)} + 2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{212}^{(21)} + 4m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{122}^{(20)}$$
$$-2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{113}^{(10)} - m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{023}^{(00)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{140}^{(22)}$$
$$+2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{131}^{(21)} + 2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{041}^{(20)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{032}^{(10)}$$
$$+2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{230}^{(22)} + 2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{221}^{(21)} - 2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{212}^{(11)}$$
$$-6m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{131}^{(20)} + 2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{122}^{(10)} + 2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{032}^{(00)}$$
$$-2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{230}^{(21)} + m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{221}^{(11)} + 2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{140}^{(20)}$$
$$-m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{041}^{(00)} + m_{000}^{(00)}(m_{001}^{(11)})^2m_{311}^{(22)} - 2m_{000}^{(00)}(m_{001}^{(11)})^2m_{212}^{(20)}$$
$$+m_{000}^{(00)}(m_{001}^{(11)})^2m_{113}^{(00)} + m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{230}^{(22)} - 2m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{131}^{(20)}$$
$$+m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{032}^{(00)} - m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{320}^{(22)} - 2m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{311}^{(21)}$$
$$+4m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{221}^{(20)} + 2m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{212}^{(10)} - 3m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{122}^{(00)}$$
$$+m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{320}^{(21)} - m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{230}^{(20)} - m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{221}^{(10)}$$
$$+m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{131}^{(00)} + m_{000}^{(00)}(m_{001}^{(20)})^2m_{140}^{(21)} - m_{000}^{(00)}(m_{001}^{(20)})^2m_{131}^{(11)}$$
$$-m_{000}^{(00)}(m_{001}^{(20)})^2m_{050}^{(20)} + m_{000}^{(00)}(m_{001}^{(20)})^2m_{041}^{(10)} - 2m_{000}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{230}^{(21)}$$
$$+2m_{000}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{140}^{(20)} + 2m_{000}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{131}^{(10)} - 2m_{000}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{041}^{(00)}$$
$$+m_{000}^{(00)}m_{001}^{(20)}m_{001}^{(22)}m_{230}^{(11)} - 2m_{000}^{(00)}m_{001}^{(20)}m_{001}^{(22)}m_{140}^{(10)} + m_{000}^{(00)}m_{001}^{(20)}m_{001}^{(22)}m_{050}^{(00)}$$
$$+m_{000}^{(00)}(m_{001}^{(21)})^2m_{320}^{(21)} + m_{000}^{(00)}(m_{001}^{(21)})^2m_{311}^{(11)} - m_{000}^{(00)}(m_{001}^{(21)})^2m_{230}^{(20)}$$
$$-3m_{000}^{(00)}(m_{001}^{(21)})^2m_{221}^{(10)} + 2m_{000}^{(00)}(m_{001}^{(21)})^2m_{131}^{(00)} - m_{000}^{(00)}m_{001}^{(21)}m_{001}^{(22)}m_{320}^{(11)}$$
$$+2m_{000}^{(00)}m_{001}^{(21)}m_{001}^{(22)}m_{230}^{(10)} - m_{000}^{(00)}m_{001}^{(21)}m_{001}^{(22)}m_{140}^{(00)} - m_{000}^{(10)}(m_{100}^{(10)})^2m_{023}^{(22)}$$
$$+2m_{000}^{(10)}(m_{100}^{(10)})^2m_{014}^{(21)} - m_{000}^{(10)}(m_{100}^{(10)})^2m_{005}^{(11)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(11)}m_{113}^{(22)}$$
$$-2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(11)}m_{104}^{(21)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(11)}m_{014}^{(20)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(11)}m_{005}^{(10)}$$
$$+2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(20)}m_{032}^{(22)} - 4m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(20)}m_{023}^{(21)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(20)}m_{014}^{(11)}$$
$$-2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(21)}m_{122}^{(22)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(21)}m_{104}^{(11)} + 4m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(21)}m_{023}^{(20)}$$

$$
\begin{aligned}
&-4m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(21)}m_{014}^{(10)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(22)}m_{122}^{(21)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(22)}m_{113}^{(11)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(22)}m_{032}^{(20)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(22)}m_{023}^{(10)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(10)}m_{122}^{(22)}\\
&-4m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(10)}m_{113}^{(21)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(10)}m_{104}^{(11)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(11)}m_{212}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(11)}m_{203}^{(21)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(11)}m_{113}^{(20)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(11)}m_{104}^{(10)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(20)}m_{131}^{(22)} + 4m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(20)}m_{122}^{(21)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(20)}m_{113}^{(11)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{221}^{(22)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{203}^{(11)} - 4m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{122}^{(20)}\\
&+4m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{113}^{(10)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(22)}m_{221}^{(21)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(22)}m_{212}^{(11)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(22)}m_{131}^{(20)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(22)}m_{122}^{(10)} - m_{000}^{(10)}(m_{100}^{(11)})^2m_{203}^{(22)}\\
&+2m_{000}^{(10)}(m_{100}^{(11)})^2m_{104}^{(20)} - m_{000}^{(10)}(m_{100}^{(11)})^2m_{005}^{(00)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(20)}m_{122}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(20)}m_{113}^{(21)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(20)}m_{023}^{(20)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(20)}m_{014}^{(10)}\\
&+2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(21)}m_{212}^{(22)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(21)}m_{203}^{(21)} - 6m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(21)}m_{113}^{(20)}\\
&-2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(21)}m_{104}^{(10)} + 4m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(21)}m_{014}^{(00)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{212}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{122}^{(20)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{113}^{(10)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{023}^{(00)}\\
&-2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(10)}m_{212}^{(22)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(10)}m_{203}^{(21)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(10)}m_{113}^{(20)}\\
&-2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(10)}m_{104}^{(10)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(11)}m_{302}^{(22)} - 4m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(11)}m_{203}^{(20)}\\
&+2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(11)}m_{104}^{(00)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{221}^{(22)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{212}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{122}^{(20)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{113}^{(10)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(21)}m_{311}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(21)}m_{302}^{(21)} + 6m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(21)}m_{212}^{(20)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(21)}m_{203}^{(10)}\\
&-4m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(21)}m_{113}^{(00)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{311}^{(21)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{221}^{(20)}\\
&-2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{212}^{(10)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{122}^{(00)} - m_{000}^{(10)}(m_{100}^{(20)})^2m_{041}^{(22)}\\
&+2m_{000}^{(10)}(m_{100}^{(20)})^2m_{032}^{(21)} - m_{000}^{(10)}(m_{100}^{(20)})^2m_{023}^{(11)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(21)}m_{131}^{(22)}\\
&-2m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(21)}m_{113}^{(11)} - 4m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(21)}m_{032}^{(20)} + 4m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(21)}m_{023}^{(10)}\\
&-2m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(22)}m_{131}^{(21)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(22)}m_{122}^{(11)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(22)}m_{041}^{(20)}\\
&-2m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(22)}m_{032}^{(10)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(10)}m_{131}^{(22)} + 4m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(10)}m_{122}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(10)}m_{113}^{(11)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{221}^{(22)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{212}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{122}^{(20)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{113}^{(10)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(20)}m_{140}^{(22)}\\
&-4m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(20)}m_{131}^{(21)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(20)}m_{122}^{(11)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{230}^{(22)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{212}^{(11)} + 4m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{131}^{(20)} - 4m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{122}^{(10)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{230}^{(21)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{221}^{(11)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{140}^{(20)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{131}^{(10)} - m_{000}^{(10)}(m_{100}^{(21)})^2m_{221}^{(22)} - 2m_{000}^{(10)}(m_{100}^{(21)})^2m_{212}^{(21)}\\
&-m_{000}^{(10)}(m_{100}^{(21)})^2m_{203}^{(11)} + 4m_{000}^{(10)}(m_{100}^{(21)})^2m_{122}^{(20)} + 4m_{000}^{(10)}(m_{100}^{(21)})^2m_{113}^{(10)}\\
&-4m_{000}^{(10)}(m_{100}^{(21)})^2m_{023}^{(00)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{221}^{(21)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{212}^{(11)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{131}^{(20)} - 6m_{000}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{122}^{(10)} + 4m_{000}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{032}^{(00)}\\
&+2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{221}^{(22)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{203}^{(11)} - 4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{122}^{(20)}\\
&+4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{113}^{(10)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{311}^{(22)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{302}^{(21)}\\
&+6m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{212}^{(20)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{203}^{(10)} - 4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{113}^{(00)}\\
&-2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{230}^{(22)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{212}^{(11)} + 4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{131}^{(20)}\\
&-4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{122}^{(10)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{320}^{(22)} + 4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{311}^{(21)}
\end{aligned}
$$

$$+2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{302}^{(11)} - 8m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{221}^{(20)} - 8m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{212}^{(10)}$$
$$+8m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{122}^{(00)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{320}^{(21)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{311}^{(11)}$$
$$+2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{230}^{(20)} + 6m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{221}^{(10)} - 4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{131}^{(00)}$$
$$-m_{000}^{(10)}(m_{100}^{(22)})^2m_{221}^{(11)} + 2m_{000}^{(10)}(m_{100}^{(22)})^2m_{131}^{(10)} - m_{000}^{(10)}(m_{100}^{(22)})^2m_{041}^{(00)}$$
$$-2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{221}^{(21)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{212}^{(11)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{131}^{(20)}$$
$$-2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{122}^{(10)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{311}^{(21)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{221}^{(20)}$$
$$-2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{212}^{(10)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{122}^{(00)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{230}^{(21)}$$
$$-2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{221}^{(11)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{140}^{(20)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{131}^{(10)}$$
$$-2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{320}^{(21)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{311}^{(11)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{230}^{(20)}$$
$$+6m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{221}^{(10)} - 4m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{131}^{(00)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(22)}m_{320}^{(11)}$$
$$-4m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(22)}m_{230}^{(10)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(22)}m_{140}^{(00)} + m_{000}^{(10)}(m_{010}^{(00)})^2m_{023}^{(22)}$$
$$-2m_{000}^{(10)}(m_{010}^{(00)})^2m_{014}^{(21)} + m_{000}^{(10)}(m_{010}^{(00)})^2m_{005}^{(11)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(10)}m_{113}^{(22)}$$
$$+2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(10)}m_{104}^{(21)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(10)}m_{014}^{(20)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(10)}m_{005}^{(10)}$$
$$-2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(20)}m_{122}^{(22)} + 6m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(20)}m_{113}^{(21)} - 4m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(20)}m_{104}^{(11)}$$
$$-2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(20)}m_{023}^{(20)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(20)}m_{014}^{(10)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{212}^{(22)}$$
$$-2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{203}^{(21)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{113}^{(20)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{104}^{(10)}$$
$$-2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{212}^{(21)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{203}^{(11)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{122}^{(20)}$$
$$-2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{113}^{(10)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(00)}m_{032}^{(22)} + 4m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(00)}m_{023}^{(21)}$$
$$-2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(00)}m_{014}^{(11)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(10)}m_{122}^{(22)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(10)}m_{113}^{(21)}$$
$$-2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(10)}m_{023}^{(20)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(10)}m_{014}^{(10)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{131}^{(22)}$$
$$-6m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{122}^{(21)} + 4m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{113}^{(11)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{032}^{(20)}$$
$$-2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{023}^{(10)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{221}^{(22)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{212}^{(21)}$$
$$+2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{122}^{(20)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{113}^{(10)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{221}^{(21)}$$
$$-2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{212}^{(11)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{131}^{(20)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{122}^{(10)}$$
$$+m_{000}^{(10)}(m_{010}^{(10)})^2m_{203}^{(22)} - 2m_{000}^{(10)}(m_{010}^{(10)})^2m_{104}^{(20)} + m_{000}^{(10)}(m_{010}^{(10)})^2m_{005}^{(00)}$$
$$+2m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{212}^{(22)} - 4m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{203}^{(21)} + 4m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{104}^{(10)}$$
$$-2m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{014}^{(00)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(21)}m_{302}^{(22)} + 4m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(21)}m_{203}^{(20)}$$
$$-2m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(21)}m_{104}^{(00)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{302}^{(21)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{212}^{(20)}$$
$$-2m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{203}^{(10)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{113}^{(00)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{122}^{(22)}$$
$$-2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{113}^{(21)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{023}^{(20)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{014}^{(10)}$$
$$-2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(10)}m_{212}^{(22)} + 4m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(10)}m_{113}^{(20)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(10)}m_{014}^{(00)}$$
$$-2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{221}^{(22)} + 4m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{212}^{(21)} - 4m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{113}^{(10)}$$
$$+2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{023}^{(00)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(21)}m_{311}^{(22)} - 4m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(21)}m_{212}^{(20)}$$
$$+2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(21)}m_{113}^{(00)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{311}^{(21)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{221}^{(20)}$$
$$+2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{212}^{(10)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{122}^{(00)} + m_{000}^{(10)}(m_{010}^{(20)})^2m_{221}^{(22)}$$
$$-4m_{000}^{(10)}(m_{010}^{(20)})^2m_{212}^{(21)} + 4m_{000}^{(10)}(m_{010}^{(20)})^2m_{203}^{(11)} + 2m_{000}^{(10)}(m_{010}^{(20)})^2m_{122}^{(20)}$$
$$-4m_{000}^{(10)}(m_{010}^{(20)})^2m_{113}^{(10)} + m_{000}^{(10)}(m_{010}^{(20)})^2m_{023}^{(00)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{311}^{(22)}$$
$$+4m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{302}^{(21)} - 4m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{203}^{(10)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{113}^{(00)}$$

$$+2m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{311}^{(21)} - 4m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{302}^{(11)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{221}^{(20)}$$
$$+6m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{212}^{(10)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{122}^{(00)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{131}^{(22)}$$
$$-6m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{122}^{(21)} + 4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{113}^{(11)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{032}^{(20)}$$
$$-2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{023}^{(10)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{221}^{(22)} + 4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{212}^{(21)}$$
$$-4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{113}^{(10)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{023}^{(00)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{230}^{(22)}$$
$$+8m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{221}^{(21)} - 8m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{212}^{(11)} - 4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{131}^{(20)}$$
$$+8m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{122}^{(10)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{032}^{(00)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{320}^{(22)}$$
$$-4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{311}^{(21)} + 4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{212}^{(10)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{122}^{(00)}$$
$$-2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{320}^{(21)} + 4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{311}^{(11)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{230}^{(20)}$$
$$-6m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{221}^{(10)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{131}^{(00)} + m_{000}^{(10)}(m_{010}^{(21)})^2m_{401}^{(22)}$$
$$-2m_{000}^{(10)}(m_{010}^{(21)})^2m_{302}^{(20)} + m_{000}^{(10)}(m_{010}^{(21)})^2m_{203}^{(00)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{401}^{(21)}$$
$$+2m_{000}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{311}^{(20)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{302}^{(10)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{212}^{(00)}$$
$$-2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{221}^{(22)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{212}^{(21)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{122}^{(20)}$$
$$-2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{113}^{(10)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{311}^{(22)} - 4m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{212}^{(20)}$$
$$+2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{113}^{(00)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{320}^{(22)} - 4m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{311}^{(21)}$$
$$+4m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{212}^{(10)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{122}^{(00)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(21)}m_{410}^{(22)}$$
$$+4m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(21)}m_{311}^{(20)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(21)}m_{212}^{(00)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{410}^{(21)}$$
$$-2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{320}^{(20)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{311}^{(10)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{221}^{(00)}$$
$$+m_{000}^{(10)}(m_{010}^{(22)})^2m_{401}^{(11)} - 2m_{000}^{(10)}(m_{010}^{(22)})^2m_{311}^{(10)} + m_{000}^{(10)}(m_{010}^{(22)})^2m_{221}^{(00)}$$
$$+2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{221}^{(21)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{212}^{(11)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{131}^{(20)}$$
$$+2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{122}^{(10)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{311}^{(21)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{221}^{(20)}$$
$$+2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{212}^{(10)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{122}^{(00)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{320}^{(21)}$$
$$+4m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{311}^{(11)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{230}^{(20)} - 6m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{221}^{(10)}$$
$$+2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{131}^{(00)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{410}^{(21)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{320}^{(20)}$$
$$-2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{311}^{(10)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{221}^{(00)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(22)}m_{410}^{(11)}$$
$$+4m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(22)}m_{320}^{(10)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(22)}m_{230}^{(00)} + m_{000}^{(10)}(m_{001}^{(00)})^2m_{041}^{(22)}$$
$$-2m_{000}^{(10)}(m_{001}^{(00)})^2m_{032}^{(21)} + m_{000}^{(10)}(m_{001}^{(00)})^2m_{023}^{(11)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(10)}m_{131}^{(22)}$$
$$+2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(10)}m_{122}^{(21)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(10)}m_{032}^{(20)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(10)}m_{023}^{(10)}$$
$$-2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(20)}m_{140}^{(22)} + 6m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(20)}m_{131}^{(21)} - 4m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(20)}m_{122}^{(11)}$$
$$-2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(20)}m_{041}^{(20)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(20)}m_{032}^{(10)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{230}^{(22)}$$
$$-2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{221}^{(21)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{131}^{(20)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{122}^{(10)}$$
$$-2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{230}^{(21)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{221}^{(11)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{140}^{(20)}$$
$$-2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{131}^{(10)} + 2m_{000}^{(10)}(m_{001}^{(10)})^2m_{212}^{(21)} - m_{000}^{(10)}(m_{001}^{(10)})^2m_{203}^{(11)}$$
$$-2m_{000}^{(10)}(m_{001}^{(10)})^2m_{122}^{(20)} + m_{000}^{(10)}(m_{001}^{(10)})^2m_{023}^{(00)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(11)}m_{311}^{(22)}$$
$$-2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(11)}m_{302}^{(21)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(11)}m_{212}^{(20)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(11)}m_{203}^{(10)}$$
$$+4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{230}^{(22)} - 8m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{221}^{(21)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{212}^{(11)}$$
$$+4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{122}^{(10)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{032}^{(00)} - 4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{320}^{(22)}$$
$$+2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{302}^{(11)} + 8m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{221}^{(20)} - 4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{212}^{(10)}$$

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\begin{aligned}
&-2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{122}^{(00)} + 4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{320}^{(21)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{311}^{(11)}\\
&-4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{230}^{(20)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(22)}m_{131}^{(00)} - m_{000}^{(10)}(m_{001}^{(11)})^2m_{401}^{(22)}\\
&+2m_{000}^{(10)}(m_{001}^{(11)})^2m_{302}^{(20)} - m_{000}^{(10)}(m_{001}^{(11)})^2m_{203}^{(00)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{320}^{(22)}\\
&+2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{311}^{(21)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{221}^{(20)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{212}^{(10)}\\
&+2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{410}^{(22)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{401}^{(21)} - 6m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{311}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{302}^{(10)} + 4m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{212}^{(00)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{410}^{(21)}\\
&+2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{320}^{(20)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{311}^{(10)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{221}^{(00)}\\
&-2m_{000}^{(10)}(m_{001}^{(20)})^2m_{230}^{(21)} + 3m_{000}^{(10)}(m_{001}^{(20)})^2m_{221}^{(11)} + 2m_{000}^{(10)}(m_{001}^{(20)})^2m_{140}^{(20)}\\
&-4m_{000}^{(10)}(m_{001}^{(20)})^2m_{131}^{(10)} + m_{000}^{(10)}(m_{001}^{(20)})^2m_{041}^{(00)} + 4m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{320}^{(21)}\\
&-2m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{311}^{(11)} - 4m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{230}^{(20)} + 2m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{131}^{(00)}\\
&-2m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(22)}m_{320}^{(11)} + 4m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(22)}m_{230}^{(10)} - 2m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(22)}m_{140}^{(00)}\\
&-2m_{000}^{(10)}(m_{001}^{(21)})^2m_{410}^{(21)} - m_{000}^{(10)}(m_{001}^{(21)})^2m_{401}^{(11)} + 2m_{000}^{(10)}(m_{001}^{(21)})^2m_{320}^{(20)}\\
&+4m_{000}^{(10)}(m_{001}^{(21)})^2m_{311}^{(10)} - 3m_{000}^{(10)}(m_{001}^{(21)})^2m_{221}^{(00)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{001}^{(22)}m_{410}^{(11)}\\
&-4m_{000}^{(10)}m_{001}^{(21)}m_{001}^{(22)}m_{320}^{(10)} + 2m_{000}^{(10)}m_{001}^{(21)}m_{001}^{(22)}m_{230}^{(00)} + m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(10)}m_{100}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(10)}m_{014}^{(21)} + m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(10)}m_{005}^{(11)} - m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(11)}m_{113}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(11)}m_{104}^{(21)} + m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(11)}m_{014}^{(20)} - m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(11)}m_{005}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(20)}m_{032}^{(22)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(20)}m_{023}^{(21)} - m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(20)}m_{014}^{(11)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(21)}m_{122}^{(22)} - m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(21)}m_{104}^{(11)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(21)}m_{023}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(21)}m_{014}^{(10)} - m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(22)}m_{122}^{(21)} + m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(22)}m_{113}^{(11)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(22)}m_{032}^{(20)} - m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(22)}m_{023}^{(10)} - m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(00)}m_{023}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(00)}m_{014}^{(21)} - m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(00)}m_{005}^{(11)} + m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(10)}m_{113}^{(22)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(10)}m_{104}^{(21)} - m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(10)}m_{014}^{(20)} + m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(10)}m_{005}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(20)}m_{122}^{(22)} - 3m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(20)}m_{113}^{(21)} + 2m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(20)}m_{104}^{(11)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(20)}m_{023}^{(20)} - m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(20)}m_{014}^{(10)} - m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(21)}m_{212}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(21)}m_{203}^{(21)} + m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(21)}m_{113}^{(20)} - m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(21)}m_{104}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(22)}m_{212}^{(21)} - m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(22)}m_{203}^{(11)} - m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(22)}m_{122}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(22)}m_{113}^{(10)} + m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(00)}m_{032}^{(22)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(00)}m_{023}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(00)}m_{014}^{(11)} - 2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(10)}m_{122}^{(22)} + 3m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(10)}m_{113}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(10)}m_{104}^{(11)} + m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(10)}m_{023}^{(20)} - m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(10)}m_{014}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(11)}m_{212}^{(22)} - m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(11)}m_{203}^{(21)} - m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(11)}m_{113}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(11)}m_{104}^{(10)} + m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(20)}m_{122}^{(21)} - m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(20)}m_{113}^{(11)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(20)}m_{032}^{(20)} + m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(20)}m_{023}^{(10)} - m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(21)}m_{212}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(21)}m_{203}^{(11)} + m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(21)}m_{122}^{(20)} - m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(21)}m_{113}^{(10)}\\
&-m_{000}^{(11)}(m_{100}^{(10)})^2m_{113}^{(22)} + m_{000}^{(11)}(m_{100}^{(10)})^2m_{104}^{(21)} + m_{000}^{(11)}(m_{100}^{(10)})^2m_{014}^{(20)}\\
&-m_{000}^{(11)}(m_{100}^{(10)})^2m_{005}^{(10)} + m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(11)}m_{203}^{(22)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(11)}m_{104}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(11)}m_{005}^{(00)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(20)}m_{113}^{(21)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(20)}m_{104}^{(11)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(20)}m_{023}^{(20)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(20)}m_{014}^{(10)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(21)}m_{203}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(21)}m_{113}^{(20)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(21)}m_{104}^{(10)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(21)}m_{014}^{(00)}
\end{aligned}
$$

$$+m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{203}^{(11)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{113}^{(10)} + m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{023}^{(00)}$$
$$+m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(00)}m_{113}^{(22)} - m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(00)}m_{104}^{(21)} - m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(00)}m_{014}^{(20)}$$
$$+m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(00)}m_{005}^{(10)} - m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(10)}m_{203}^{(22)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(10)}m_{104}^{(20)}$$
$$-m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(10)}m_{005}^{(00)} - m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(20)}m_{212}^{(22)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(20)}m_{203}^{(21)}$$
$$-2m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(20)}m_{104}^{(10)} + m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(20)}m_{014}^{(00)} + m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(21)}m_{302}^{(22)}$$
$$-2m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(21)}m_{203}^{(20)} + m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(21)}m_{104}^{(00)} - m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(22)}m_{302}^{(21)}$$
$$+m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(22)}m_{212}^{(20)} + m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(22)}m_{203}^{(10)} - m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(22)}m_{113}^{(00)}$$
$$-2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(00)}m_{122}^{(22)} + 3m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(00)}m_{113}^{(21)} - m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(00)}m_{104}^{(11)}$$
$$+m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(00)}m_{023}^{(20)} - m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(00)}m_{014}^{(10)} + 3m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(10)}m_{212}^{(22)}$$
$$-2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(10)}m_{203}^{(21)} - 4m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(10)}m_{113}^{(20)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(10)}m_{104}^{(10)}$$
$$+m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(10)}m_{014}^{(00)} - m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(11)}m_{302}^{(22)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(11)}m_{203}^{(20)}$$
$$-m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(11)}m_{104}^{(00)} + m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{221}^{(22)} - 4m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{212}^{(21)}$$
$$+2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{203}^{(11)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{122}^{(20)} - m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{023}^{(00)}$$
$$-m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(21)}m_{311}^{(22)} + 2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(21)}m_{302}^{(21)} - 2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(21)}m_{203}^{(10)}$$
$$+m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(21)}m_{113}^{(00)} + m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(22)}m_{311}^{(21)} - m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(22)}m_{302}^{(11)}$$
$$-m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(22)}m_{221}^{(20)} + m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(22)}m_{212}^{(10)} + m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(20)}m_{212}^{(22)}$$
$$-2m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(20)}m_{203}^{(21)} + 2m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(20)}m_{104}^{(10)} - m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(20)}m_{014}^{(00)}$$
$$-m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(21)}m_{302}^{(22)} + 2m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(21)}m_{203}^{(20)} - m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(21)}m_{104}^{(00)}$$
$$+m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(22)}m_{302}^{(21)} - m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(22)}m_{212}^{(20)} - m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(22)}m_{203}^{(10)}$$
$$+m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(22)}m_{113}^{(00)} + m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(00)}m_{212}^{(22)} - m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(00)}m_{203}^{(21)}$$
$$-m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(00)}m_{113}^{(20)} + m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(00)}m_{104}^{(10)} - m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(10)}m_{302}^{(22)}$$
$$+2m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(10)}m_{203}^{(20)} - m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(10)}m_{104}^{(00)} - m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(20)}m_{311}^{(22)}$$
$$+2m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(20)}m_{302}^{(21)} - 2m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(20)}m_{203}^{(10)} + m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(20)}m_{113}^{(00)}$$
$$+m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(21)}m_{401}^{(22)} - 2m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(21)}m_{302}^{(20)} + m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(21)}m_{203}^{(00)}$$
$$-m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(22)}m_{401}^{(21)} + m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(22)}m_{311}^{(20)} + m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(22)}m_{302}^{(10)}$$
$$-m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(22)}m_{212}^{(00)} + m_{000}^{(11)}(m_{100}^{(20)})^2m_{131}^{(22)} - 3m_{000}^{(11)}(m_{100}^{(20)})^2m_{122}^{(21)}$$
$$+2m_{000}^{(11)}(m_{100}^{(20)})^2m_{113}^{(11)} + m_{000}^{(11)}(m_{100}^{(20)})^2m_{032}^{(20)} - m_{000}^{(11)}(m_{100}^{(20)})^2m_{023}^{(10)}$$
$$-2m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{221}^{(22)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{212}^{(21)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{203}^{(11)}$$
$$+2m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{122}^{(20)} - 6m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{113}^{(10)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{023}^{(00)}$$
$$+2m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{221}^{(21)} - 3m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{212}^{(11)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{131}^{(20)}$$
$$+4m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{122}^{(10)} - m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{032}^{(00)} + m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(00)}m_{122}^{(22)}$$
$$-3m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(00)}m_{113}^{(21)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(00)}m_{104}^{(11)} + m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(00)}m_{023}^{(20)}$$
$$-m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(00)}m_{014}^{(10)} - m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{212}^{(22)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{203}^{(21)}$$
$$-2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{104}^{(10)} + m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(10)}m_{014}^{(00)} - m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{221}^{(22)}$$
$$+4m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{212}^{(21)} - 4m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{203}^{(11)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{122}^{(20)}$$
$$+4m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{113}^{(10)} - m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{023}^{(00)} + m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{311}^{(22)}$$
$$-2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{302}^{(21)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{203}^{(10)} - m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(21)}m_{113}^{(00)}$$
$$-m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{311}^{(21)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{302}^{(11)} + m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{221}^{(20)}$$

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\begin{aligned}
&-3m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{212}^{(10)} + m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{122}^{(00)} + m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(00)}m_{122}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(00)}m_{113}^{(11)} - m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(00)}m_{032}^{(20)} + m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(00)}m_{023}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{221}^{(22)} - 4m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{212}^{(21)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{203}^{(11)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{122}^{(20)} - m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{023}^{(00)} - m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{311}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{302}^{(21)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{203}^{(10)} + m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{113}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(20)}m_{230}^{(22)} + 2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(20)}m_{221}^{(21)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(20)}m_{122}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(20)}m_{032}^{(00)} + m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{320}^{(22)} - 2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{302}^{(11)}\\
&-2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{221}^{(20)} + 4m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{212}^{(10)} - m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{122}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{320}^{(21)} + m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{311}^{(11)} + m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{230}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{221}^{(10)} + m_{000}^{(11)}(m_{100}^{(21)})^2m_{311}^{(22)} + m_{000}^{(11)}(m_{100}^{(21)})^2m_{302}^{(21)}\\
&-3m_{000}^{(11)}(m_{100}^{(21)})^2m_{212}^{(20)} - m_{000}^{(11)}(m_{100}^{(21)})^2m_{203}^{(10)} + 2m_{000}^{(11)}(m_{100}^{(21)})^2m_{113}^{(00)}\\
&-2m_{000}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{311}^{(21)} - m_{000}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{302}^{(11)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{221}^{(20)}\\
&+4m_{000}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{212}^{(10)} - 3m_{000}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{122}^{(00)} - m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(00)}m_{212}^{(22)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(00)}m_{203}^{(21)} + m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(00)}m_{113}^{(20)} - m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(00)}m_{104}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(10)}m_{302}^{(22)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(10)}m_{203}^{(20)} + m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(10)}m_{104}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{311}^{(22)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{302}^{(21)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{203}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{113}^{(00)} - m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(21)}m_{401}^{(22)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(21)}m_{302}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(21)}m_{203}^{(00)} + m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(22)}m_{401}^{(21)} - m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(22)}m_{311}^{(20)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(22)}m_{302}^{(10)} + m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(22)}m_{212}^{(00)} - m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{212}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{203}^{(11)} + m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{122}^{(20)} - m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{113}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{311}^{(22)} + 2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{302}^{(21)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{203}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{113}^{(00)} + m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(11)}m_{401}^{(22)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(11)}m_{302}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(11)}m_{203}^{(00)} + m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{320}^{(22)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{302}^{(11)}\\
&-2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{221}^{(20)} + 4m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{212}^{(10)} - m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{122}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(21)}m_{410}^{(22)} - 2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(21)}m_{401}^{(21)} + 4m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(21)}m_{311}^{(20)}\\
&+2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(21)}m_{302}^{(10)} - 3m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(21)}m_{212}^{(00)} + m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{410}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{401}^{(11)} - m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{320}^{(20)} - 3m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{311}^{(10)}\\
&+2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{221}^{(00)} + m_{000}^{(11)}(m_{100}^{(22)})^2m_{311}^{(11)} - 2m_{000}^{(11)}(m_{100}^{(22)})^2m_{221}^{(10)}\\
&+m_{000}^{(11)}(m_{100}^{(22)})^2m_{131}^{(00)} + m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{212}^{(21)} - m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{203}^{(11)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{122}^{(20)} + m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{113}^{(10)} - m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{302}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{212}^{(20)} + m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{203}^{(10)} - m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(10)}m_{113}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{311}^{(21)} + 2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{302}^{(11)} + m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{221}^{(20)}\\
&-3m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{212}^{(10)} + m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{122}^{(00)} + m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{401}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{311}^{(20)} - m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{302}^{(10)} + m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(21)}m_{212}^{(00)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(22)}m_{401}^{(11)} + 2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(22)}m_{311}^{(10)} - m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(22)}m_{221}^{(00)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(10)}m_{311}^{(21)} - m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(10)}m_{302}^{(11)} - m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(10)}m_{221}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(10)}m_{212}^{(10)} - m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(11)}m_{401}^{(21)} + m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(11)}m_{311}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(11)}m_{302}^{(10)} - m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(11)}m_{212}^{(00)} - m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(20)}m_{320}^{(21)}
\end{aligned}
$$

$$+m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(20)}m_{311}^{(11)}+m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(20)}m_{230}^{(20)}-m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(20)}m_{221}^{(10)}$$
$$+m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(21)}m_{410}^{(21)}+m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(21)}m_{401}^{(11)}-m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(21)}m_{320}^{(20)}$$
$$-3m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(21)}m_{311}^{(10)}+2m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(21)}m_{221}^{(00)}-m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(22)}m_{410}^{(11)}$$
$$+2m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(22)}m_{320}^{(10)}-m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(22)}m_{230}^{(00)}+m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(00)}m_{122}^{(22)}$$
$$-2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(00)}m_{113}^{(21)}+m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(00)}m_{104}^{(11)}-m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(10)}m_{212}^{(22)}$$
$$+m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(10)}m_{203}^{(21)}+m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(10)}m_{113}^{(20)}-m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(10)}m_{104}^{(10)}$$
$$-m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{221}^{(22)}+3m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{212}^{(21)}-2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{203}^{(11)}$$
$$-m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{122}^{(20)}+m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{113}^{(10)}+m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(21)}m_{311}^{(22)}$$
$$-m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(21)}m_{302}^{(21)}-m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(21)}m_{212}^{(20)}+m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(21)}m_{203}^{(10)}$$
$$-m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(22)}m_{311}^{(21)}+m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(22)}m_{302}^{(11)}+m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(22)}m_{221}^{(20)}$$
$$-m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(22)}m_{212}^{(10)}-m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{212}^{(22)}+m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{203}^{(21)}$$
$$+m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{113}^{(20)}-m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(00)}m_{104}^{(10)}+m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(10)}m_{302}^{(22)}$$
$$-2m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(10)}m_{203}^{(20)}+m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(10)}m_{104}^{(00)}+m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{311}^{(22)}$$
$$-2m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{302}^{(21)}+2m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{203}^{(10)}-m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(20)}m_{113}^{(00)}$$
$$-m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(21)}m_{401}^{(22)}+2m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(21)}m_{302}^{(20)}-m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(21)}m_{203}^{(00)}$$
$$+m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(22)}m_{401}^{(21)}-m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(22)}m_{311}^{(20)}-m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(22)}m_{302}^{(10)}$$
$$+m_{000}^{(11)}m_{010}^{(10)}m_{001}^{(22)}m_{212}^{(00)}-m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{221}^{(22)}+3m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{212}^{(21)}$$
$$-2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{203}^{(11)}-m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{122}^{(20)}+m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{113}^{(10)}$$
$$+m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{311}^{(22)}-2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{302}^{(21)}+2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{203}^{(10)}$$
$$-m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{113}^{(00)}+m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{320}^{(22)}-4m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{311}^{(21)}$$
$$+4m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{302}^{(11)}+2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{221}^{(20)}-4m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{212}^{(10)}$$
$$+m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{122}^{(00)}-m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{410}^{(22)}+2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{401}^{(21)}$$
$$-2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{302}^{(10)}+m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{212}^{(00)}+m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{410}^{(21)}$$
$$-2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{401}^{(11)}-m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{320}^{(20)}+3m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{311}^{(10)}$$
$$-m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{221}^{(00)}+m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{311}^{(22)}-m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{302}^{(21)}$$
$$-m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{212}^{(20)}+m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(00)}m_{203}^{(10)}-m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(10)}m_{401}^{(22)}$$
$$+2m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(10)}m_{302}^{(20)}-m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(10)}m_{203}^{(00)}-m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{410}^{(22)}$$
$$+2m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{401}^{(21)}-2m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{302}^{(10)}+m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(20)}m_{212}^{(00)}$$
$$+m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(21)}m_{500}^{(22)}-2m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(21)}m_{401}^{(20)}+m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(21)}m_{302}^{(00)}$$
$$-m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(22)}m_{500}^{(21)}+m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(22)}m_{410}^{(20)}+m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(22)}m_{401}^{(10)}$$
$$-m_{000}^{(11)}m_{010}^{(21)}m_{001}^{(22)}m_{311}^{(00)}-m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{311}^{(21)}+m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{302}^{(11)}$$
$$+m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{221}^{(20)}-m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{212}^{(10)}+m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(10)}m_{401}^{(21)}$$
$$-m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(10)}m_{311}^{(20)}-m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(10)}m_{302}^{(10)}+m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(10)}m_{212}^{(00)}$$
$$+m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{410}^{(21)}-2m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{401}^{(11)}-m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{320}^{(20)}$$
$$+3m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{311}^{(10)}-m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{221}^{(00)}-m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(21)}m_{500}^{(21)}$$
$$+m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(21)}m_{410}^{(20)}+m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(21)}m_{401}^{(10)}-m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(21)}m_{311}^{(00)}$$
$$+m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(22)}m_{500}^{(11)}-2m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(22)}m_{410}^{(10)}+m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(22)}m_{320}^{(00)}$$
$$-m_{000}^{(11)}(m_{001}^{(00)})^2m_{131}^{(22)}+2m_{000}^{(11)}(m_{001}^{(00)})^2m_{122}^{(21)}-m_{000}^{(11)}(m_{001}^{(00)})^2m_{113}^{(11)}$$

$$+3m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{221}^{(22)} - 4m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{212}^{(21)} + m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{203}^{(11)}$$
$$-2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{122}^{(20)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{113}^{(10)} - m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{311}^{(22)}$$
$$+m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{302}^{(21)} + m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{212}^{(20)} - m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{203}^{(10)}$$
$$+m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{230}^{(22)} - 4m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{221}^{(21)} + 3m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{212}^{(11)}$$
$$+2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{131}^{(20)} - 2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{122}^{(10)} - m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{320}^{(22)}$$
$$+2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{311}^{(21)} - m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{302}^{(11)} + m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{320}^{(21)}$$
$$-m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{311}^{(11)} - m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{230}^{(20)} + m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{221}^{(10)}$$
$$-2m_{000}^{(11)}(m_{001}^{(10)})^2m_{311}^{(22)} + m_{000}^{(11)}(m_{001}^{(10)})^2m_{302}^{(21)} + 3m_{000}^{(11)}(m_{001}^{(10)})^2m_{212}^{(20)}$$
$$-m_{000}^{(11)}(m_{001}^{(10)})^2m_{203}^{(10)} - m_{000}^{(11)}(m_{001}^{(10)})^2m_{113}^{(00)} + m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(11)}m_{401}^{(22)}$$
$$-2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(11)}m_{302}^{(20)} + m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(11)}m_{203}^{(00)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{320}^{(22)}$$
$$+6m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{311}^{(21)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{302}^{(11)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{221}^{(20)}$$
$$-2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{212}^{(10)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{122}^{(00)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{410}^{(22)}$$
$$-2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{401}^{(21)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{311}^{(20)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{302}^{(10)}$$
$$-2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{410}^{(21)} + m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{401}^{(11)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{320}^{(20)}$$
$$-m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{221}^{(00)} + m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{410}^{(22)} - 2m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{401}^{(21)}$$
$$+2m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{302}^{(10)} - m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{212}^{(00)} - m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(21)}m_{500}^{(22)}$$
$$+2m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(21)}m_{401}^{(20)} - m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(21)}m_{302}^{(00)} + m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(22)}m_{500}^{(21)}$$
$$-m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(22)}m_{410}^{(20)} - m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(22)}m_{401}^{(10)} + m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(22)}m_{311}^{(00)}$$
$$+m_{000}^{(11)}(m_{001}^{(20)})^2m_{320}^{(21)} - 2m_{000}^{(11)}(m_{001}^{(20)})^2m_{311}^{(11)} - m_{000}^{(11)}(m_{001}^{(20)})^2m_{230}^{(20)}$$
$$+3m_{000}^{(11)}(m_{001}^{(20)})^2m_{221}^{(10)} - m_{000}^{(11)}(m_{001}^{(20)})^2m_{131}^{(00)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{410}^{(21)}$$
$$+2m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{401}^{(11)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{320}^{(20)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{311}^{(10)}$$
$$+m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(22)}m_{410}^{(11)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(22)}m_{320}^{(10)} + m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(22)}m_{230}^{(00)}$$
$$+m_{000}^{(11)}(m_{001}^{(21)})^2m_{500}^{(21)} - m_{000}^{(11)}(m_{001}^{(21)})^2m_{410}^{(20)} - m_{000}^{(11)}(m_{001}^{(21)})^2m_{401}^{(10)}$$
$$+m_{000}^{(11)}(m_{001}^{(21)})^2m_{311}^{(00)} - m_{000}^{(11)}m_{001}^{(21)}m_{001}^{(22)}m_{500}^{(11)} + 2m_{000}^{(11)}m_{001}^{(21)}m_{001}^{(22)}m_{410}^{(10)}$$
$$-m_{000}^{(11)}m_{001}^{(21)}m_{001}^{(22)}m_{320}^{(00)} + m_{000}^{(20)}(m_{100}^{(10)})^2m_{032}^{(22)} - 2m_{000}^{(20)}(m_{100}^{(10)})^2m_{023}^{(21)}$$
$$+m_{000}^{(20)}(m_{100}^{(10)})^2m_{014}^{(11)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(11)}m_{122}^{(22)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(11)}m_{113}^{(21)}$$
$$+2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(11)}m_{023}^{(20)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(11)}m_{014}^{(10)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(20)}m_{041}^{(22)}$$
$$+4m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(20)}m_{032}^{(21)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(20)}m_{023}^{(11)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(21)}m_{131}^{(22)}$$
$$-2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(21)}m_{113}^{(11)} - 4m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(21)}m_{032}^{(20)} + 4m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(21)}m_{023}^{(10)}$$
$$-2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(22)}m_{131}^{(21)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(22)}m_{122}^{(11)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(22)}m_{041}^{(20)}$$
$$-2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(22)}m_{032}^{(10)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(10)}m_{122}^{(22)} + 4m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(10)}m_{113}^{(21)}$$
$$-2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(10)}m_{104}^{(11)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(11)}m_{212}^{(22)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(11)}m_{203}^{(21)}$$
$$-2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(11)}m_{113}^{(20)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(11)}m_{104}^{(10)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(20)}m_{131}^{(22)}$$
$$-4m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(20)}m_{122}^{(21)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(20)}m_{113}^{(11)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{221}^{(22)}$$
$$+2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{203}^{(11)} + 4m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{122}^{(20)} - 4m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{113}^{(10)}$$
$$+2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(22)}m_{221}^{(21)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(22)}m_{212}^{(11)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(22)}m_{131}^{(20)}$$
$$+2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(22)}m_{122}^{(10)} + m_{000}^{(20)}(m_{100}^{(11)})^2m_{212}^{(22)} - 2m_{000}^{(20)}(m_{100}^{(11)})^2m_{113}^{(20)}$$
$$+m_{000}^{(20)}(m_{100}^{(11)})^2m_{014}^{(00)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(20)}m_{131}^{(22)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(20)}m_{122}^{(21)}$$

$$
\begin{aligned}
&-2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(20)}m_{032}^{(20)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(20)}m_{023}^{(10)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(21)}m_{221}^{(22)}\\
&-2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(21)}m_{212}^{(21)} + 6m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(21)}m_{122}^{(20)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(21)}m_{113}^{(10)}\\
&-4m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(21)}m_{023}^{(00)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(22)}m_{221}^{(21)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(22)}m_{131}^{(20)}\\
&-2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(22)}m_{122}^{(10)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(22)}m_{032}^{(00)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(10)}m_{212}^{(22)}\\
&-2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(10)}m_{203}^{(21)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(10)}m_{113}^{(20)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(10)}m_{104}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(11)}m_{302}^{(22)} + 4m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(11)}m_{203}^{(20)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(11)}m_{104}^{(00)}\\
&-2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(20)}m_{221}^{(22)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(20)}m_{212}^{(21)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(20)}m_{122}^{(20)}\\
&-2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(20)}m_{113}^{(10)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(21)}m_{311}^{(22)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(21)}m_{302}^{(21)}\\
&-6m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(21)}m_{212}^{(20)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(21)}m_{203}^{(10)} + 4m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(21)}m_{113}^{(00)}\\
&-2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(22)}m_{311}^{(21)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(22)}m_{221}^{(20)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(22)}m_{212}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(22)}m_{122}^{(00)} + m_{000}^{(20)}(m_{100}^{(20)})^2m_{050}^{(22)} - 2m_{000}^{(20)}(m_{100}^{(20)})^2m_{041}^{(21)}\\
&+m_{000}^{(20)}(m_{100}^{(20)})^2m_{032}^{(11)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(21)}m_{140}^{(22)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(21)}m_{122}^{(11)}\\
&+4m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(21)}m_{041}^{(20)} - 4m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(21)}m_{032}^{(10)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(22)}m_{140}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(22)}m_{131}^{(11)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(22)}m_{050}^{(20)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(22)}m_{041}^{(10)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(10)}m_{131}^{(22)} - 4m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(10)}m_{122}^{(21)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(10)}m_{113}^{(11)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{221}^{(22)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{212}^{(21)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{122}^{(20)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{113}^{(10)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(20)}m_{140}^{(22)} + 4m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(20)}m_{131}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(20)}m_{122}^{(11)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{230}^{(22)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{212}^{(11)}\\
&-4m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{131}^{(20)} + 4m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{122}^{(10)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(22)}m_{230}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(22)}m_{221}^{(11)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(22)}m_{140}^{(20)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(22)}m_{131}^{(10)}\\
&+m_{000}^{(20)}(m_{100}^{(21)})^2m_{230}^{(22)} + 2m_{000}^{(20)}(m_{100}^{(21)})^2m_{221}^{(21)} + m_{000}^{(20)}(m_{100}^{(21)})^2m_{212}^{(11)}\\
&-4m_{000}^{(20)}(m_{100}^{(21)})^2m_{131}^{(20)} - 4m_{000}^{(20)}(m_{100}^{(21)})^2m_{122}^{(10)} + 4m_{000}^{(20)}(m_{100}^{(21)})^2m_{032}^{(00)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{100}^{(22)}m_{230}^{(21)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{100}^{(22)}m_{221}^{(11)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{100}^{(22)}m_{140}^{(20)}\\
&+6m_{000}^{(20)}m_{100}^{(21)}m_{100}^{(22)}m_{131}^{(10)} - 4m_{000}^{(20)}m_{100}^{(21)}m_{100}^{(22)}m_{041}^{(00)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{221}^{(22)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{203}^{(11)} + 4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{122}^{(20)} - 4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{113}^{(10)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{311}^{(22)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{302}^{(21)} - 6m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{212}^{(20)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{203}^{(10)} + 4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{113}^{(00)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{230}^{(22)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{212}^{(11)} - 4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{131}^{(20)} + 4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{122}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{320}^{(22)} - 4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{311}^{(21)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{302}^{(11)}\\
&+8m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{221}^{(20)} + 8m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{212}^{(10)} - 8m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{122}^{(00)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(22)}m_{320}^{(21)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(22)}m_{311}^{(11)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(22)}m_{230}^{(20)}\\
&-6m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(22)}m_{221}^{(10)} + 4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(22)}m_{131}^{(00)} + m_{000}^{(20)}(m_{100}^{(22)})^2m_{230}^{(11)}\\
&-2m_{000}^{(20)}(m_{100}^{(22)})^2m_{140}^{(10)} + m_{000}^{(20)}(m_{100}^{(22)})^2m_{050}^{(00)} + 2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{221}^{(21)}\\
&-2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{212}^{(11)} - 2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{131}^{(20)} + 2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{122}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{311}^{(21)} + 2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{221}^{(20)} + 2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{212}^{(10)}\\
&-2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{122}^{(00)} - 2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(20)}m_{230}^{(21)} + 2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(20)}m_{221}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(20)}m_{140}^{(20)} - 2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(20)}m_{131}^{(10)} + 2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(21)}m_{320}^{(21)}\\
&+2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(21)}m_{311}^{(11)} - 2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(21)}m_{230}^{(20)} - 6m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(21)}m_{221}^{(10)}
\end{aligned}
$$

$$+4m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(21)}m_{131}^{(00)} - 2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(22)}m_{320}^{(11)} + 4m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(22)}m_{230}^{(10)}$$
$$-2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(22)}m_{140}^{(00)} - m_{000}^{(20)}(m_{010}^{(00)})^2m_{032}^{(22)} + 2m_{000}^{(20)}(m_{010}^{(00)})^2m_{023}^{(21)}$$
$$-m_{000}^{(20)}(m_{010}^{(00)})^2m_{014}^{(11)} + 4m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(10)}m_{122}^{(22)} - 6m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(10)}m_{113}^{(21)}$$
$$+2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(10)}m_{104}^{(11)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(10)}m_{023}^{(20)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(10)}m_{014}^{(10)}$$
$$-2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(11)}m_{212}^{(22)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(11)}m_{203}^{(21)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(11)}m_{113}^{(20)}$$
$$-2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(11)}m_{104}^{(10)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(20)}m_{122}^{(21)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(20)}m_{113}^{(11)}$$
$$+2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(20)}m_{032}^{(20)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(20)}m_{023}^{(10)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{212}^{(21)}$$
$$-2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{203}^{(11)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{122}^{(20)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{113}^{(10)}$$
$$+2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(00)}m_{041}^{(22)} - 4m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(00)}m_{032}^{(21)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(00)}m_{023}^{(11)}$$
$$-4m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(10)}m_{131}^{(22)} + 6m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(10)}m_{122}^{(21)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(10)}m_{113}^{(11)}$$
$$+2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(10)}m_{032}^{(20)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(10)}m_{023}^{(10)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(11)}m_{221}^{(22)}$$
$$-2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(11)}m_{212}^{(21)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(11)}m_{122}^{(20)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(11)}m_{113}^{(10)}$$
$$+2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(20)}m_{131}^{(21)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(20)}m_{122}^{(11)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(20)}m_{041}^{(20)}$$
$$+2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(20)}m_{032}^{(10)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{221}^{(21)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{212}^{(11)}$$
$$+2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{131}^{(20)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{122}^{(10)} - 3m_{000}^{(20)}(m_{010}^{(10)})^2m_{212}^{(22)}$$
$$+2m_{000}^{(20)}(m_{010}^{(10)})^2m_{203}^{(21)} + 4m_{000}^{(20)}(m_{010}^{(10)})^2m_{113}^{(20)} - 2m_{000}^{(20)}(m_{010}^{(10)})^2m_{104}^{(10)}$$
$$-m_{000}^{(20)}(m_{010}^{(10)})^2m_{014}^{(00)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(11)}m_{302}^{(22)} - 4m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(11)}m_{203}^{(20)}$$
$$+2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(11)}m_{104}^{(00)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{221}^{(22)} + 8m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{212}^{(21)}$$
$$-4m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{203}^{(11)} - 4m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{122}^{(20)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{023}^{(00)}$$
$$+2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{311}^{(22)} - 4m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{302}^{(21)} + 4m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{203}^{(10)}$$
$$-2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{113}^{(00)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{311}^{(21)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{302}^{(11)}$$
$$+2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{221}^{(20)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{212}^{(10)} - 4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(00)}m_{131}^{(22)}$$
$$+6m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(00)}m_{122}^{(21)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(00)}m_{113}^{(11)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(00)}m_{032}^{(20)}$$
$$-2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(00)}m_{023}^{(10)} + 8m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{221}^{(22)} - 8m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{212}^{(21)}$$
$$+2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{203}^{(11)} - 8m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{122}^{(20)} + 4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{113}^{(10)}$$
$$+2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{023}^{(00)} - 4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{311}^{(22)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{302}^{(21)}$$
$$+6m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{212}^{(20)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{203}^{(10)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{113}^{(00)}$$
$$-4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{221}^{(21)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{212}^{(11)} + 4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{131}^{(20)}$$
$$-2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{032}^{(00)} + 4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{311}^{(21)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{302}^{(11)}$$
$$-4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{221}^{(20)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{122}^{(00)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{311}^{(22)}$$
$$-4m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{302}^{(21)} + 4m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{203}^{(10)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(20)}m_{113}^{(00)}$$
$$-2m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(21)}m_{401}^{(22)} + 4m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(21)}m_{302}^{(20)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(21)}m_{203}^{(00)}$$
$$+2m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{401}^{(21)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{311}^{(20)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{302}^{(10)}$$
$$+2m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{212}^{(00)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{221}^{(22)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{212}^{(21)}$$
$$-2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{122}^{(20)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{113}^{(10)} - 4m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{311}^{(22)}$$
$$+2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{302}^{(21)} + 6m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{212}^{(20)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{203}^{(10)}$$
$$-2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{113}^{(00)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(11)}m_{401}^{(22)} - 4m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(11)}m_{302}^{(20)}$$
$$+2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(11)}m_{203}^{(00)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{311}^{(21)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{221}^{(20)}$$

$$
\begin{aligned}
&-2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{212}^{(10)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(20)}m_{122}^{(00)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{401}^{(21)}\\
&+2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{311}^{(20)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{302}^{(10)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{212}^{(00)}\\
&+m_{000}^{(20)}(m_{010}^{(20)})^2m_{230}^{(22)} - 2m_{000}^{(20)}(m_{010}^{(20)})^2m_{221}^{(21)} + 2m_{000}^{(20)}(m_{010}^{(20)})^2m_{122}^{(10)}\\
&-m_{000}^{(20)}(m_{010}^{(20)})^2m_{032}^{(00)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{320}^{(22)} + 4m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{302}^{(11)}\\
&+4m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{221}^{(20)} - 8m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{212}^{(10)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{122}^{(00)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(22)}m_{320}^{(21)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(22)}m_{311}^{(11)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(22)}m_{230}^{(20)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(22)}m_{221}^{(10)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(00)}m_{131}^{(21)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(00)}m_{122}^{(11)}\\
&-2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(00)}m_{041}^{(20)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(00)}m_{032}^{(10)} - 4m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{221}^{(21)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{212}^{(11)} + 4m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{131}^{(20)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{032}^{(00)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{311}^{(21)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{221}^{(20)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{212}^{(10)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{122}^{(00)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(20)}m_{221}^{(11)} - 4m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(20)}m_{131}^{(10)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(20)}m_{041}^{(00)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(21)}m_{311}^{(11)} + 4m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(21)}m_{221}^{(10)}\\
&-2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(21)}m_{131}^{(00)} + m_{000}^{(20)}(m_{010}^{(21)})^2m_{410}^{(22)} + 2m_{000}^{(20)}(m_{010}^{(21)})^2m_{401}^{(21)}\\
&-4m_{000}^{(20)}(m_{010}^{(21)})^2m_{311}^{(20)} - 2m_{000}^{(20)}(m_{010}^{(21)})^2m_{302}^{(10)} + 3m_{000}^{(20)}(m_{010}^{(21)})^2m_{212}^{(00)}\\
&-2m_{000}^{(20)}m_{010}^{(21)}m_{010}^{(22)}m_{410}^{(21)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{010}^{(22)}m_{401}^{(11)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{010}^{(22)}m_{320}^{(20)}\\
&+6m_{000}^{(20)}m_{010}^{(21)}m_{010}^{(22)}m_{311}^{(10)} - 4m_{000}^{(20)}m_{010}^{(21)}m_{010}^{(22)}m_{221}^{(00)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{221}^{(21)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{212}^{(11)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{131}^{(20)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{122}^{(10)}\\
&+4m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{311}^{(21)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{302}^{(11)} - 4m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{221}^{(20)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{122}^{(00)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{401}^{(21)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{311}^{(20)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{302}^{(10)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{212}^{(00)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{311}^{(11)}\\
&+4m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{221}^{(10)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{131}^{(00)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(21)}m_{401}^{(11)}\\
&-4m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(21)}m_{311}^{(10)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(21)}m_{221}^{(00)} + m_{000}^{(20)}(m_{010}^{(22)})^2m_{410}^{(11)}\\
&-2m_{000}^{(20)}(m_{010}^{(22)})^2m_{320}^{(10)} + m_{000}^{(20)}(m_{010}^{(22)})^2m_{230}^{(00)} - m_{000}^{(20)}(m_{001}^{(00)})^2m_{050}^{(22)}\\
&+2m_{000}^{(20)}(m_{001}^{(00)})^2m_{041}^{(21)} - m_{000}^{(20)}(m_{001}^{(00)})^2m_{032}^{(11)} + 4m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{140}^{(22)}\\
&-6m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{131}^{(21)} + 2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{122}^{(11)} - 2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{041}^{(20)}\\
&+2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{032}^{(10)} - 2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{230}^{(22)} + 2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{221}^{(21)}\\
&+2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{131}^{(20)} - 2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{122}^{(10)} - 2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(20)}m_{140}^{(21)}\\
&+2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(20)}m_{131}^{(11)} + 2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(20)}m_{050}^{(20)} - 2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(20)}m_{041}^{(10)}\\
&+2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{230}^{(21)} - 2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{221}^{(11)} - 2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{140}^{(20)}\\
&+2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{131}^{(10)} - 4m_{000}^{(20)}(m_{001}^{(10)})^2m_{230}^{(22)} + 4m_{000}^{(20)}(m_{001}^{(10)})^2m_{221}^{(21)}\\
&-m_{000}^{(20)}(m_{001}^{(10)})^2m_{212}^{(11)} + 4m_{000}^{(20)}(m_{001}^{(10)})^2m_{131}^{(20)} - 2m_{000}^{(20)}(m_{001}^{(10)})^2m_{122}^{(10)}\\
&-m_{000}^{(20)}(m_{001}^{(10)})^2m_{032}^{(00)} + 4m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{320}^{(22)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{311}^{(21)}\\
&-6m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{221}^{(20)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{212}^{(10)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{122}^{(00)}\\
&+4m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{230}^{(21)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{221}^{(11)} - 4m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{140}^{(20)}\\
&+2m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{041}^{(00)} - 4m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{320}^{(21)} + 2m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{311}^{(11)}\\
&+4m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{230}^{(20)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{131}^{(00)} - m_{000}^{(20)}(m_{001}^{(11)})^2m_{410}^{(22)}\\
&+2m_{000}^{(20)}(m_{001}^{(11)})^2m_{311}^{(20)} - m_{000}^{(20)}(m_{001}^{(11)})^2m_{212}^{(00)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{320}^{(21)}\\
&+2m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{230}^{(20)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{221}^{(10)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{131}^{(00)}
\end{aligned}
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$$+2m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{410}^{(21)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{320}^{(20)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{311}^{(10)}$$
$$+2m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{221}^{(00)} - m_{000}^{(20)}(m_{001}^{(20)})^2m_{230}^{(11)} + 2m_{000}^{(20)}(m_{001}^{(20)})^2m_{140}^{(10)}$$
$$-m_{000}^{(20)}(m_{001}^{(20)})^2m_{050}^{(00)} + 2m_{000}^{(20)}m_{001}^{(20)}m_{001}^{(21)}m_{320}^{(11)} - 4m_{000}^{(20)}m_{001}^{(20)}m_{001}^{(21)}m_{230}^{(10)}$$
$$+2m_{000}^{(20)}m_{001}^{(20)}m_{001}^{(21)}m_{140}^{(00)} - m_{000}^{(20)}(m_{001}^{(21)})^2m_{410}^{(11)} + 2m_{000}^{(20)}(m_{001}^{(21)})^2m_{320}^{(10)}$$
$$-m_{000}^{(20)}(m_{001}^{(21)})^2m_{230}^{(00)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(10)}m_{032}^{(22)} + 4m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(10)}m_{023}^{(21)}$$
$$-2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(10)}m_{014}^{(11)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(11)}m_{122}^{(22)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(11)}m_{113}^{(21)}$$
$$-2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(11)}m_{023}^{(20)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(11)}m_{014}^{(10)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(20)}m_{041}^{(22)}$$
$$-4m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(20)}m_{032}^{(21)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(20)}m_{023}^{(11)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(21)}m_{131}^{(22)}$$
$$+2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(21)}m_{113}^{(11)} + 4m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(21)}m_{032}^{(20)} - 4m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(21)}m_{023}^{(10)}$$
$$+2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(22)}m_{131}^{(21)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(22)}m_{122}^{(11)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(22)}m_{041}^{(20)}$$
$$+2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(22)}m_{032}^{(10)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(00)}m_{032}^{(22)} - 4m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(00)}m_{023}^{(21)}$$
$$+2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(00)}m_{014}^{(11)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(10)}m_{122}^{(22)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(10)}m_{113}^{(21)}$$
$$+2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(10)}m_{023}^{(20)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(10)}m_{014}^{(10)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(20)}m_{131}^{(22)}$$
$$+6m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(20)}m_{122}^{(21)} - 4m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(20)}m_{113}^{(11)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(20)}m_{032}^{(20)}$$
$$+2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(20)}m_{023}^{(10)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(21)}m_{221}^{(22)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(21)}m_{212}^{(21)}$$
$$-2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(21)}m_{122}^{(20)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(21)}m_{113}^{(10)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(22)}m_{221}^{(21)}$$
$$+2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(22)}m_{212}^{(11)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(22)}m_{131}^{(20)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(22)}m_{122}^{(10)}$$
$$-2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(00)}m_{041}^{(22)} + 4m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(00)}m_{032}^{(21)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(00)}m_{023}^{(11)}$$
$$+4m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(10)}m_{131}^{(22)} - 6m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(10)}m_{122}^{(21)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(10)}m_{113}^{(11)}$$
$$-2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(10)}m_{032}^{(20)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(10)}m_{023}^{(10)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(11)}m_{221}^{(22)}$$
$$+2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(11)}m_{212}^{(21)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(11)}m_{122}^{(20)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(11)}m_{113}^{(10)}$$
$$-2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(20)}m_{131}^{(21)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(20)}m_{122}^{(11)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(20)}m_{041}^{(20)}$$
$$-2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(20)}m_{032}^{(10)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{221}^{(21)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{212}^{(11)}$$
$$-2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{131}^{(20)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{122}^{(10)} + 3m_{000}^{(21)}(m_{100}^{(10)})^2m_{122}^{(22)}$$
$$-4m_{000}^{(21)}(m_{100}^{(10)})^2m_{113}^{(21)} + m_{000}^{(21)}(m_{100}^{(10)})^2m_{104}^{(11)} - 2m_{000}^{(21)}(m_{100}^{(10)})^2m_{023}^{(20)}$$
$$+2m_{000}^{(21)}(m_{100}^{(10)})^2m_{014}^{(10)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(11)}m_{212}^{(22)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(11)}m_{203}^{(21)}$$
$$+6m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(11)}m_{113}^{(20)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(11)}m_{104}^{(10)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(11)}m_{014}^{(00)}$$
$$-2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(20)}m_{131}^{(22)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(20)}m_{113}^{(11)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(20)}m_{032}^{(20)}$$
$$-4m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(20)}m_{023}^{(10)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(21)}m_{221}^{(22)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(21)}m_{212}^{(21)}$$
$$-2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(21)}m_{203}^{(11)} - 8m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(21)}m_{122}^{(20)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(21)}m_{023}^{(00)}$$
$$-2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}m_{221}^{(21)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}m_{131}^{(20)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}m_{122}^{(10)}$$
$$-2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}m_{032}^{(00)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(00)}m_{122}^{(22)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(00)}m_{113}^{(21)}$$
$$+2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(00)}m_{023}^{(20)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(00)}m_{014}^{(10)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(10)}m_{212}^{(22)}$$
$$-4m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(10)}m_{113}^{(20)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(10)}m_{014}^{(00)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{221}^{(22)}$$
$$-4m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{212}^{(21)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{113}^{(10)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{023}^{(00)}$$
$$-2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(21)}m_{311}^{(22)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(21)}m_{212}^{(20)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(21)}m_{113}^{(00)}$$
$$+2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(22)}m_{311}^{(21)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(22)}m_{221}^{(20)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(22)}m_{212}^{(10)}$$
$$+2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(22)}m_{122}^{(00)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(00)}m_{131}^{(22)} - 6m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(00)}m_{122}^{(21)}$$

$$+2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(00)}m_{113}^{(11)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(00)}m_{032}^{(20)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(00)}m_{023}^{(10)}$$
$$-8m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(10)}m_{221}^{(22)} + 8m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(10)}m_{212}^{(21)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(10)}m_{203}^{(11)}$$
$$+8m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(10)}m_{122}^{(20)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(10)}m_{113}^{(10)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(10)}m_{023}^{(00)}$$
$$+4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(11)}m_{311}^{(22)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(11)}m_{302}^{(21)} - 6m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(11)}m_{212}^{(20)}$$
$$+2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(11)}m_{203}^{(10)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(11)}m_{113}^{(00)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{221}^{(21)}$$
$$-2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{212}^{(11)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{131}^{(20)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{032}^{(00)}$$
$$-4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{311}^{(21)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{302}^{(11)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{221}^{(20)}$$
$$-2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{122}^{(00)} + m_{000}^{(21)}(m_{100}^{(11)})^2m_{302}^{(22)} - 2m_{000}^{(21)}(m_{100}^{(11)})^2m_{203}^{(20)}$$
$$+m_{000}^{(21)}(m_{100}^{(11)})^2m_{104}^{(00)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{212}^{(21)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{122}^{(20)}$$
$$-2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{113}^{(10)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{023}^{(00)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(21)}m_{302}^{(21)}$$
$$+2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(21)}m_{212}^{(20)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(21)}m_{203}^{(10)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(21)}m_{113}^{(00)}$$
$$-2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(00)}m_{221}^{(22)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(00)}m_{212}^{(21)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(00)}m_{122}^{(20)}$$
$$-2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(00)}m_{113}^{(10)} + 4m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(10)}m_{311}^{(22)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(10)}m_{302}^{(21)}$$
$$-6m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(10)}m_{212}^{(20)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(10)}m_{203}^{(10)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(10)}m_{113}^{(00)}$$
$$-2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(11)}m_{401}^{(22)} + 4m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(11)}m_{302}^{(20)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(11)}m_{203}^{(00)}$$
$$-2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{311}^{(21)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{221}^{(20)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{212}^{(10)}$$
$$-2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{122}^{(00)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(21)}m_{401}^{(21)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(21)}m_{311}^{(20)}$$
$$-2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(21)}m_{302}^{(10)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(21)}m_{212}^{(00)} - m_{000}^{(21)}(m_{100}^{(20)})^2m_{140}^{(22)}$$
$$+4m_{000}^{(21)}(m_{100}^{(20)})^2m_{131}^{(21)} - 3m_{000}^{(21)}(m_{100}^{(20)})^2m_{122}^{(11)} - 2m_{000}^{(21)}(m_{100}^{(20)})^2m_{041}^{(20)}$$
$$+2m_{000}^{(21)}(m_{100}^{(20)})^2m_{032}^{(10)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{230}^{(22)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{221}^{(21)}$$
$$-2m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{212}^{(11)} + 8m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{122}^{(10)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{032}^{(00)}$$
$$-2m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(22)}m_{230}^{(21)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(22)}m_{221}^{(11)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(22)}m_{140}^{(20)}$$
$$-6m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(22)}m_{131}^{(10)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(22)}m_{041}^{(00)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(00)}m_{131}^{(22)}$$
$$+6m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(00)}m_{122}^{(21)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(00)}m_{113}^{(11)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(00)}m_{032}^{(20)}$$
$$+2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(00)}m_{023}^{(10)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{221}^{(22)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{212}^{(21)}$$
$$+4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{113}^{(10)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{023}^{(00)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{230}^{(22)}$$
$$-8m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{221}^{(21)} + 8m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{212}^{(11)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{131}^{(20)}$$
$$-8m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{122}^{(10)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{032}^{(00)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{320}^{(22)}$$
$$+4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{311}^{(21)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{212}^{(10)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{122}^{(00)}$$
$$+2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}m_{320}^{(21)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}m_{311}^{(11)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}m_{230}^{(20)}$$
$$+6m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}m_{221}^{(10)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}m_{131}^{(00)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(00)}m_{131}^{(21)}$$
$$+2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(00)}m_{122}^{(11)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(00)}m_{041}^{(20)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(00)}m_{032}^{(10)}$$
$$+4m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{221}^{(21)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{212}^{(11)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{131}^{(20)}$$
$$+2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{032}^{(00)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{311}^{(21)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{221}^{(20)}$$
$$+2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{212}^{(10)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{122}^{(00)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(20)}m_{221}^{(11)}$$
$$+4m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(20)}m_{131}^{(10)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(20)}m_{041}^{(00)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(21)}m_{311}^{(11)}$$
$$-4m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(21)}m_{221}^{(10)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(21)}m_{131}^{(00)} - m_{000}^{(21)}(m_{100}^{(21)})^2m_{320}^{(22)}$$
$$+m_{000}^{(21)}(m_{100}^{(21)})^2m_{302}^{(11)} + 2m_{000}^{(21)}(m_{100}^{(21)})^2m_{221}^{(20)} - 2m_{000}^{(21)}(m_{100}^{(21)})^2m_{212}^{(10)}$$

$$+2m_{000}^{(21)}m_{100}^{(21)}m_{100}^{(22)}m_{320}^{(21)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{100}^{(22)}m_{230}^{(20)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{100}^{(22)}m_{221}^{(10)}$$
$$+2m_{000}^{(21)}m_{100}^{(21)}m_{100}^{(22)}m_{131}^{(00)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(00)}m_{221}^{(22)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(00)}m_{212}^{(21)}$$
$$-2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(00)}m_{122}^{(20)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(00)}m_{113}^{(10)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(10)}m_{311}^{(22)}$$
$$+4m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(10)}m_{212}^{(20)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(10)}m_{113}^{(00)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{320}^{(22)}$$
$$+4m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{311}^{(21)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{212}^{(10)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{122}^{(00)}$$
$$+2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(21)}m_{410}^{(22)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(21)}m_{311}^{(20)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(21)}m_{212}^{(00)}$$
$$-2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(22)}m_{410}^{(21)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(22)}m_{320}^{(20)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(22)}m_{311}^{(10)}$$
$$-2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(22)}m_{221}^{(00)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}m_{221}^{(21)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}m_{212}^{(11)}$$
$$-2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}m_{131}^{(20)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}m_{122}^{(10)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{311}^{(21)}$$
$$+2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{302}^{(11)} + 4m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{221}^{(20)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{122}^{(00)}$$
$$+2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(11)}m_{401}^{(21)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(11)}m_{311}^{(20)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(11)}m_{302}^{(10)}$$
$$+2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(11)}m_{212}^{(00)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(20)}m_{311}^{(11)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(20)}m_{221}^{(10)}$$
$$+2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(20)}m_{131}^{(00)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(21)}m_{401}^{(11)} + 4m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(21)}m_{311}^{(10)}$$
$$-2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(21)}m_{221}^{(00)} - m_{000}^{(21)}(m_{100}^{(22)})^2m_{320}^{(11)} + 2m_{000}^{(21)}(m_{100}^{(22)})^2m_{230}^{(10)}$$
$$-m_{000}^{(21)}(m_{100}^{(22)})^2m_{140}^{(00)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{221}^{(21)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{212}^{(11)}$$
$$+2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{131}^{(20)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{122}^{(10)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{311}^{(21)}$$
$$-2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{221}^{(20)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{212}^{(10)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{122}^{(00)}$$
$$+2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{320}^{(21)} - 4m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{311}^{(11)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{230}^{(20)}$$
$$+6m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{221}^{(10)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{131}^{(00)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(21)}m_{410}^{(21)}$$
$$+2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(21)}m_{320}^{(20)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(21)}m_{311}^{(10)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(21)}m_{221}^{(00)}$$
$$+2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(22)}m_{410}^{(11)} - 4m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(22)}m_{320}^{(10)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(22)}m_{230}^{(00)}$$
$$-m_{000}^{(21)}(m_{010}^{(00)})^2m_{122}^{(22)} + 2m_{000}^{(21)}(m_{010}^{(00)})^2m_{113}^{(21)} - m_{000}^{(21)}(m_{010}^{(00)})^2m_{104}^{(11)}$$
$$+2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(10)}m_{212}^{(22)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(10)}m_{203}^{(21)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(10)}m_{113}^{(20)}$$
$$+2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(10)}m_{104}^{(10)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{221}^{(22)} - 6m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{212}^{(21)}$$
$$+4m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{203}^{(11)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{122}^{(20)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{113}^{(10)}$$
$$-2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{311}^{(22)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{302}^{(21)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{212}^{(20)}$$
$$-2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{203}^{(10)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{311}^{(21)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{302}^{(11)}$$
$$-2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{221}^{(20)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{212}^{(10)} - m_{000}^{(21)}(m_{010}^{(10)})^2m_{302}^{(22)}$$
$$+2m_{000}^{(21)}(m_{010}^{(10)})^2m_{203}^{(20)} - m_{000}^{(21)}(m_{010}^{(10)})^2m_{104}^{(00)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{311}^{(22)}$$
$$+4m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{302}^{(21)} - 4m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{203}^{(10)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{113}^{(00)}$$
$$+2m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(21)}m_{401}^{(22)} - 4m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(21)}m_{302}^{(20)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(21)}m_{203}^{(00)}$$
$$-2m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{401}^{(21)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{311}^{(20)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{302}^{(10)}$$
$$-2m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{212}^{(00)} - m_{000}^{(21)}(m_{010}^{(20)})^2m_{320}^{(22)} + 4m_{000}^{(21)}(m_{010}^{(20)})^2m_{311}^{(21)}$$
$$-4m_{000}^{(21)}(m_{010}^{(20)})^2m_{302}^{(11)} - 2m_{000}^{(21)}(m_{010}^{(20)})^2m_{221}^{(20)} + 4m_{000}^{(21)}(m_{010}^{(20)})^2m_{212}^{(10)}$$
$$-m_{000}^{(21)}(m_{010}^{(20)})^2m_{122}^{(00)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{410}^{(22)} - 4m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{401}^{(21)}$$
$$+4m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{302}^{(10)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{212}^{(00)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(22)}m_{410}^{(21)}$$
$$+4m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(22)}m_{401}^{(11)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(22)}m_{320}^{(20)} - 6m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(22)}m_{311}^{(10)}$$
$$+2m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(22)}m_{221}^{(00)} - m_{000}^{(21)}(m_{010}^{(21)})^2m_{500}^{(22)} + 2m_{000}^{(21)}(m_{010}^{(21)})^2m_{401}^{(20)}$$

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\begin{aligned}
&-m_{000}^{(21)}(m_{010}^{(21)})^2m_{302}^{(00)}+2m_{000}^{(21)}m_{010}^{(21)}m_{010}^{(22)}m_{500}^{(21)}-2m_{000}^{(21)}m_{010}^{(21)}m_{010}^{(22)}m_{410}^{(20)}\\
&-2m_{000}^{(21)}m_{010}^{(21)}m_{010}^{(22)}m_{401}^{(10)}+2m_{000}^{(21)}m_{010}^{(21)}m_{010}^{(22)}m_{311}^{(00)}-m_{000}^{(21)}(m_{010}^{(22)})^2m_{500}^{(11)}\\
&+2m_{000}^{(21)}(m_{010}^{(22)})^2m_{410}^{(10)}-m_{000}^{(21)}(m_{010}^{(22)})^2m_{320}^{(00)}+m_{000}^{(21)}(m_{001}^{(00)})^2m_{140}^{(22)}\\
&-2m_{000}^{(21)}(m_{001}^{(00)})^2m_{131}^{(21)}+m_{000}^{(21)}(m_{001}^{(00)})^2m_{122}^{(11)}-4m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{230}^{(22)}\\
&+6m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{221}^{(21)}-2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{212}^{(11)}+2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{131}^{(20)}\\
&-2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{122}^{(10)}+2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{320}^{(22)}-2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{311}^{(21)}\\
&-2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{221}^{(20)}+2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{212}^{(10)}+2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{230}^{(21)}\\
&-2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{221}^{(11)}-2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{140}^{(20)}+2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{131}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{320}^{(21)}+2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{311}^{(11)}+2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{230}^{(20)}\\
&-2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{221}^{(10)}+4m_{000}^{(21)}(m_{001}^{(10)})^2m_{320}^{(22)}-4m_{000}^{(21)}(m_{001}^{(10)})^2m_{311}^{(21)}\\
&+m_{000}^{(21)}(m_{001}^{(10)})^2m_{302}^{(11)}-4m_{000}^{(21)}(m_{001}^{(10)})^2m_{221}^{(20)}+2m_{000}^{(21)}(m_{001}^{(10)})^2m_{212}^{(10)}\\
&+m_{000}^{(21)}(m_{001}^{(10)})^2m_{122}^{(00)}-4m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{410}^{(22)}+2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{401}^{(21)}\\
&+6m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{311}^{(20)}-2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{302}^{(10)}-2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{212}^{(00)}\\
&-4m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{320}^{(21)}+2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{311}^{(11)}+4m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{230}^{(20)}\\
&-2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{131}^{(00)}+4m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{410}^{(21)}-2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{401}^{(11)}\\
&-4m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{320}^{(20)}+2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{221}^{(00)}+m_{000}^{(21)}(m_{001}^{(11)})^2m_{500}^{(22)}\\
&-2m_{000}^{(21)}(m_{001}^{(11)})^2m_{401}^{(20)}+m_{000}^{(21)}(m_{001}^{(11)})^2m_{302}^{(00)}+2m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{410}^{(21)}\\
&-2m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{320}^{(20)}-2m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{311}^{(10)}+2m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{221}^{(00)}\\
&-2m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(21)}m_{500}^{(21)}+2m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(21)}m_{410}^{(20)}+2m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(21)}m_{401}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(21)}m_{311}^{(00)}+m_{000}^{(21)}(m_{001}^{(20)})^2m_{320}^{(11)}-2m_{000}^{(21)}(m_{001}^{(20)})^2m_{230}^{(10)}\\
&+m_{000}^{(21)}(m_{001}^{(20)})^2m_{140}^{(00)}-2m_{000}^{(21)}m_{001}^{(20)}m_{001}^{(21)}m_{410}^{(11)}+4m_{000}^{(21)}m_{001}^{(20)}m_{001}^{(21)}m_{320}^{(10)}\\
&-2m_{000}^{(21)}m_{001}^{(20)}m_{001}^{(21)}m_{230}^{(00)}+m_{000}^{(21)}(m_{001}^{(21)})^2m_{500}^{(11)}-2m_{000}^{(21)}(m_{001}^{(21)})^2m_{410}^{(10)}\\
&+m_{000}^{(21)}(m_{001}^{(21)})^2m_{320}^{(00)}+m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(10)}m_{041}^{(22)}-2m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(10)}m_{032}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(10)}m_{023}^{(11)}-m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(11)}m_{131}^{(22)}+m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(11)}m_{122}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(11)}m_{032}^{(20)}-m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(11)}m_{023}^{(10)}-m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(20)}m_{050}^{(22)}\\
&+2m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(20)}m_{041}^{(21)}-m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(20)}m_{032}^{(11)}+m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)}m_{140}^{(22)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)}m_{122}^{(11)}-2m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)}m_{041}^{(20)}+2m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)}m_{032}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(22)}m_{140}^{(21)}+m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(22)}m_{131}^{(11)}+m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(22)}m_{050}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(22)}m_{041}^{(10)}-m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(00)}m_{041}^{(22)}+2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(00)}m_{032}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(00)}m_{023}^{(11)}+m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(10)}m_{131}^{(22)}-m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(10)}m_{122}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(10)}m_{032}^{(20)}+m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(10)}m_{023}^{(10)}+m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(20)}m_{140}^{(22)}\\
&-3m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(20)}m_{131}^{(21)}+2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(20)}m_{122}^{(11)}+m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(20)}m_{041}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(20)}m_{032}^{(10)}-m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{230}^{(22)}+m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{221}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{131}^{(20)}-m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{122}^{(10)}+m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(22)}m_{230}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(22)}m_{221}^{(11)}-m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(22)}m_{140}^{(20)}+m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(22)}m_{131}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(00)}m_{050}^{(22)}-2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(00)}m_{041}^{(21)}+m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(00)}m_{032}^{(11)}\\
&-2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(10)}m_{140}^{(22)}+3m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(10)}m_{131}^{(21)}-m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(10)}m_{122}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(10)}m_{041}^{(20)}-m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(10)}m_{032}^{(10)}+m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(11)}m_{230}^{(22)}
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&-m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(11)}m_{221}^{(21)} - m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(11)}m_{131}^{(20)} + m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(11)}m_{122}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(20)}m_{140}^{(21)} - m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(20)}m_{131}^{(11)} - m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(20)}m_{050}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(20)}m_{041}^{(10)} - m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(21)}m_{230}^{(21)} + m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(21)}m_{221}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(21)}m_{140}^{(20)} - m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(21)}m_{131}^{(10)} - 2m_{000}^{(22)}(m_{100}^{(10)})^2m_{131}^{(22)}\\
&+3m_{000}^{(22)}(m_{100}^{(10)})^2m_{122}^{(21)} - m_{000}^{(22)}(m_{100}^{(10)})^2m_{113}^{(11)} + m_{000}^{(22)}(m_{100}^{(10)})^2m_{032}^{(20)}\\
&-m_{000}^{(22)}(m_{100}^{(10)})^2m_{023}^{(10)} + 3m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{221}^{(22)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{212}^{(21)}\\
&-4m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{122}^{(20)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{113}^{(10)} + m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{023}^{(00)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(20)}m_{140}^{(22)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(20)}m_{131}^{(21)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(20)}m_{041}^{(20)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(20)}m_{032}^{(10)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}m_{230}^{(22)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}m_{221}^{(21)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}m_{212}^{(11)} + 6m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}m_{131}^{(20)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}m_{122}^{(10)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}m_{032}^{(00)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(22)}m_{230}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(22)}m_{221}^{(11)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(22)}m_{140}^{(20)} + m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(22)}m_{041}^{(00)} + m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(00)}m_{131}^{(22)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(00)}m_{122}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(00)}m_{032}^{(20)} + m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(00)}m_{023}^{(10)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(10)}m_{212}^{(21)} + m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(10)}m_{203}^{(11)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(10)}m_{122}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(10)}m_{023}^{(00)} - m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}m_{311}^{(22)} + m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}m_{302}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}m_{212}^{(20)} - m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}m_{203}^{(10)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{230}^{(22)}\\
&+4m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{221}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{212}^{(11)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{122}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{032}^{(00)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{320}^{(22)} - m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{302}^{(11)}\\
&-4m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{221}^{(20)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{212}^{(10)} + m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{122}^{(00)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(22)}m_{320}^{(21)} + m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(22)}m_{311}^{(11)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(22)}m_{230}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(22)}m_{131}^{(00)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(00)}m_{140}^{(22)} + 3m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(00)}m_{131}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(00)}m_{122}^{(11)} + m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(00)}m_{041}^{(20)} - m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(00)}m_{032}^{(10)}\\
&+4m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)}m_{230}^{(22)} - 4m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)}m_{221}^{(21)} + m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)}m_{212}^{(11)}\\
&-4m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)}m_{131}^{(20)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)}m_{122}^{(10)} + m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)}m_{032}^{(00)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{320}^{(22)} + m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{311}^{(21)} + 3m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{221}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{212}^{(10)} - m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{122}^{(00)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(20)}m_{230}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(20)}m_{221}^{(11)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(20)}m_{140}^{(20)} - m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(20)}m_{041}^{(00)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(21)}m_{320}^{(21)} - m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(21)}m_{311}^{(11)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(21)}m_{230}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(21)}m_{131}^{(00)} - m_{000}^{(22)}(m_{100}^{(11)})^2m_{311}^{(22)} + 2m_{000}^{(22)}(m_{100}^{(11)})^2m_{212}^{(20)}\\
&-m_{000}^{(22)}(m_{100}^{(11)})^2m_{113}^{(00)} - m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{230}^{(22)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{131}^{(20)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{032}^{(00)} + m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(21)}m_{320}^{(22)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(21)}m_{311}^{(21)}\\
&-4m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(21)}m_{221}^{(20)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(21)}m_{212}^{(10)} + 3m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(21)}m_{122}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(22)}m_{320}^{(21)} + m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(22)}m_{230}^{(20)} + m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(22)}m_{221}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(22)}m_{131}^{(00)} - m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(10)}m_{311}^{(22)} + m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(10)}m_{302}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(10)}m_{212}^{(20)} - m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(10)}m_{203}^{(10)} + m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(10)}m_{401}^{(22)}\\
&-2m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(11)}m_{302}^{(20)} + m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(11)}m_{203}^{(00)} + m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)}m_{320}^{(22)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)}m_{311}^{(21)} - m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)}m_{221}^{(20)} + m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)}m_{212}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(21)}m_{410}^{(22)} - m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(21)}m_{401}^{(21)} + 3m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(21)}m_{311}^{(20)}
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$$+m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(21)}m_{302}^{(10)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(21)}m_{212}^{(00)} + m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(22)}m_{410}^{(21)}$$
$$-m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(22)}m_{320}^{(20)} - m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(22)}m_{311}^{(10)} + m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(22)}m_{221}^{(00)}$$
$$+m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(00)}m_{230}^{(22)} - m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(00)}m_{221}^{(21)} - m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(00)}m_{131}^{(20)}$$
$$+m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(00)}m_{122}^{(10)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(10)}m_{320}^{(22)} + m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(10)}m_{311}^{(21)}$$
$$+3m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(10)}m_{221}^{(20)} - m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(10)}m_{212}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(10)}m_{122}^{(00)}$$
$$+m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(11)}m_{410}^{(22)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(11)}m_{311}^{(20)} + m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(11)}m_{212}^{(00)}$$
$$+m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(20)}m_{320}^{(21)} - m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(20)}m_{230}^{(20)} - m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(20)}m_{221}^{(10)}$$
$$+m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(20)}m_{131}^{(00)} - m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(21)}m_{410}^{(21)} + m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(21)}m_{320}^{(20)}$$
$$+m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(21)}m_{311}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(21)}m_{221}^{(00)} - m_{000}^{(22)}(m_{100}^{(20)})^2m_{140}^{(21)}$$
$$+m_{000}^{(22)}(m_{100}^{(20)})^2m_{131}^{(11)} + m_{000}^{(22)}(m_{100}^{(20)})^2m_{050}^{(20)} - m_{000}^{(22)}(m_{100}^{(20)})^2m_{041}^{(10)}$$
$$+2m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(21)}m_{230}^{(21)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(21)}m_{140}^{(20)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(21)}m_{131}^{(10)}$$
$$+2m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(21)}m_{041}^{(00)} - m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(22)}m_{230}^{(11)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(22)}m_{140}^{(10)}$$
$$-m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(22)}m_{050}^{(00)} + m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(00)}m_{140}^{(22)} - 3m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(00)}m_{131}^{(21)}$$
$$+2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(00)}m_{122}^{(11)} + m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(00)}m_{041}^{(20)} - m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(00)}m_{032}^{(10)}$$
$$-2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{230}^{(22)} + 4m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{221}^{(21)} - m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{212}^{(11)}$$
$$-2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{122}^{(10)} + m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{032}^{(00)} + m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{320}^{(22)}$$
$$-m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{311}^{(21)} - m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{221}^{(20)} + m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{212}^{(10)}$$
$$+2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(20)}m_{230}^{(21)} - 3m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(20)}m_{221}^{(11)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(20)}m_{140}^{(20)}$$
$$+4m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(20)}m_{131}^{(10)} - m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(20)}m_{041}^{(00)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(21)}m_{320}^{(21)}$$
$$+m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(21)}m_{311}^{(11)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(21)}m_{230}^{(20)} - m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(21)}m_{131}^{(00)}$$
$$+m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(22)}m_{320}^{(11)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(22)}m_{230}^{(10)} + m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(22)}m_{140}^{(00)}$$
$$+m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(00)}m_{140}^{(21)} - m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(00)}m_{131}^{(11)} - m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(00)}m_{050}^{(20)}$$
$$+m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(00)}m_{041}^{(10)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(00)}m_{230}^{(21)} + m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(00)}m_{221}^{(11)}$$
$$+2m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(10)}m_{140}^{(20)} - m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(10)}m_{041}^{(00)} + m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(11)}m_{320}^{(21)}$$
$$-m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(11)}m_{230}^{(20)} - m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(11)}m_{221}^{(10)} + m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(11)}m_{131}^{(00)}$$
$$+m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(20)}m_{230}^{(11)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(20)}m_{140}^{(10)} + m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(20)}m_{050}^{(00)}$$
$$-m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(21)}m_{320}^{(11)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(21)}m_{230}^{(10)} - m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(21)}m_{140}^{(00)}$$
$$-m_{000}^{(22)}(m_{100}^{(21)})^2m_{320}^{(21)} - m_{000}^{(22)}(m_{100}^{(21)})^2m_{311}^{(11)} + m_{000}^{(22)}(m_{100}^{(21)})^2m_{230}^{(20)}$$
$$+3m_{000}^{(22)}(m_{100}^{(21)})^2m_{221}^{(10)} - 2m_{000}^{(22)}(m_{100}^{(21)})^2m_{131}^{(00)} + m_{000}^{(22)}m_{100}^{(21)}m_{100}^{(22)}m_{320}^{(11)}$$
$$-2m_{000}^{(22)}m_{100}^{(21)}m_{100}^{(22)}m_{230}^{(10)} + m_{000}^{(22)}m_{100}^{(21)}m_{100}^{(22)}m_{140}^{(00)} - m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}m_{230}^{(22)}$$
$$+m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}m_{221}^{(21)} + m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}m_{131}^{(20)} - m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}m_{122}^{(10)}$$
$$+2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{320}^{(22)} - m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{302}^{(11)} - 4m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{221}^{(20)}$$
$$+2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{212}^{(10)} + m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{122}^{(00)} - m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)}m_{410}^{(22)}$$
$$-m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)}m_{401}^{(21)} + 3m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)}m_{311}^{(20)} + m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)}m_{302}^{(10)}$$
$$-2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)}m_{212}^{(00)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(20)}m_{320}^{(21)} + m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(20)}m_{311}^{(11)}$$
$$+2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(20)}m_{230}^{(20)} - m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(20)}m_{131}^{(00)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(21)}m_{410}^{(21)}$$
$$+m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(21)}m_{401}^{(11)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(21)}m_{320}^{(20)} - 4m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(21)}m_{311}^{(10)}$$
$$+3m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(21)}m_{221}^{(00)} - m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(22)}m_{410}^{(11)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(22)}m_{320}^{(10)}$$

$$
\begin{aligned}
&-m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(22)}m_{230}^{(00)} - m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(00)}m_{230}^{(21)} + m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(00)}m_{221}^{(11)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(00)}m_{140}^{(20)} - m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(00)}m_{131}^{(10)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(10)}m_{320}^{(21)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(10)}m_{311}^{(11)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(10)}m_{230}^{(20)} + m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(10)}m_{131}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(11)}m_{410}^{(21)} + m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(11)}m_{320}^{(20)} + m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(11)}m_{311}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(11)}m_{221}^{(00)} - m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(20)}m_{320}^{(11)} + 2m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(20)}m_{230}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(20)}m_{140}^{(00)} + m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(21)}m_{410}^{(11)} - 2m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(21)}m_{320}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(21)}m_{230}^{(00)} + m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(00)}m_{230}^{(21)} - m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(00)}m_{221}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(00)}m_{140}^{(20)} + m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(00)}m_{131}^{(10)} - 2m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)}m_{320}^{(21)}\\
&+m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)}m_{311}^{(11)} + 2m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)}m_{230}^{(20)} - m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)}m_{131}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(11)}m_{410}^{(21)} - m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(11)}m_{320}^{(20)} - m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(11)}m_{311}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(11)}m_{221}^{(00)} + m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(20)}m_{320}^{(11)} - 2m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(20)}m_{230}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(20)}m_{140}^{(00)} - m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(21)}m_{410}^{(11)} + 2m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(21)}m_{320}^{(10)}\\
&-m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(21)}m_{230}^{(00)} + m_{000}^{(22)}(m_{010}^{(00)})^2m_{131}^{(22)} - 2m_{000}^{(22)}(m_{010}^{(00)})^2m_{122}^{(21)}\\
&+m_{000}^{(22)}(m_{010}^{(00)})^2m_{113}^{(11)} - 3m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{221}^{(22)} + 4m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{212}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{203}^{(11)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{122}^{(20)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{113}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{311}^{(22)} - m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{302}^{(21)} - m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{212}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{203}^{(10)} - m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{230}^{(22)} + 4m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{221}^{(21)}\\
&-3m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{212}^{(11)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{131}^{(20)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{122}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{320}^{(22)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{311}^{(21)} + m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{302}^{(11)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(22)}m_{320}^{(21)} + m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(22)}m_{311}^{(11)} + m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(22)}m_{230}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(22)}m_{221}^{(10)} - m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(00)}m_{140}^{(22)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(00)}m_{131}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(00)}m_{122}^{(11)} + 2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{230}^{(22)} - 3m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{221}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{212}^{(11)} - m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{131}^{(20)} + m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{122}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{320}^{(22)} + m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{311}^{(21)} + m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{221}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{212}^{(10)} - m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{230}^{(21)} + m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{221}^{(11)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{140}^{(20)} - m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(20)}m_{131}^{(10)} + m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{320}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{311}^{(11)} - m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{230}^{(20)} + m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(21)}m_{221}^{(10)}\\
&+2m_{000}^{(22)}(m_{010}^{(10)})^2m_{311}^{(22)} - m_{000}^{(22)}(m_{010}^{(10)})^2m_{302}^{(21)} - 3m_{000}^{(22)}(m_{010}^{(10)})^2m_{212}^{(20)}\\
&+m_{000}^{(22)}(m_{010}^{(10)})^2m_{203}^{(10)} + m_{000}^{(22)}(m_{010}^{(10)})^2m_{113}^{(00)} - m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(11)}m_{401}^{(22)}\\
&+2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(11)}m_{302}^{(20)} - m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(11)}m_{203}^{(00)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{320}^{(22)}\\
&-6m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{311}^{(21)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{302}^{(11)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{221}^{(20)}\\
&+2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{212}^{(10)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{122}^{(00)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{410}^{(22)}\\
&+2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{401}^{(21)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{311}^{(20)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{302}^{(10)}\\
&+2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{410}^{(21)} - m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{401}^{(11)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{320}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{221}^{(00)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{230}^{(22)} - 3m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{221}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{212}^{(11)} - m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{131}^{(20)} + m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{122}^{(10)}\\
&-4m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{320}^{(22)} + 4m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{311}^{(21)} - m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{302}^{(11)}\\
&+4m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{221}^{(20)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{212}^{(10)} - m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{122}^{(00)}
\end{aligned}
$$

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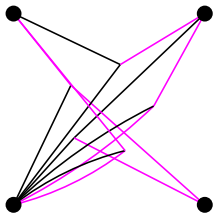
\begin{aligned}
&+2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{410}^{(22)} - m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{401}^{(21)} - 3m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{311}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{302}^{(10)} + m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{212}^{(00)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{320}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{311}^{(11)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{230}^{(20)} + m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(20)}m_{131}^{(00)}\\
&-2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{410}^{(21)} + m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{401}^{(11)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{320}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(21)}m_{221}^{(00)} - m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{410}^{(22)} + 2m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{401}^{(21)}\\
&-2m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{302}^{(10)} + m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{212}^{(00)} + m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(21)}m_{500}^{(22)}\\
&-2m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(21)}m_{401}^{(20)} + m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(21)}m_{302}^{(00)} - m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(22)}m_{500}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(22)}m_{410}^{(20)} + m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(22)}m_{401}^{(10)} - m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(22)}m_{311}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{320}^{(22)} + m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{311}^{(21)} + m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{221}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{212}^{(10)} + 2m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{410}^{(22)} - m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{401}^{(21)}\\
&-3m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{311}^{(20)} + m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{302}^{(10)} + m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{212}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(11)}m_{500}^{(22)} + 2m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(11)}m_{401}^{(20)} - m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(11)}m_{302}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{410}^{(21)} + m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{320}^{(20)} + m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{311}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(20)}m_{221}^{(00)} + m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(21)}m_{500}^{(21)} - m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(21)}m_{410}^{(20)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(21)}m_{401}^{(10)} + m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(21)}m_{311}^{(00)} - m_{000}^{(22)}(m_{010}^{(20)})^2m_{320}^{(21)}\\
&+2m_{000}^{(22)}(m_{010}^{(20)})^2m_{311}^{(11)} + m_{000}^{(22)}(m_{010}^{(20)})^2m_{230}^{(20)} - 3m_{000}^{(22)}(m_{010}^{(20)})^2m_{221}^{(10)}\\
&+m_{000}^{(22)}(m_{010}^{(20)})^2m_{131}^{(00)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{410}^{(21)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{401}^{(11)}\\
&-2m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{320}^{(20)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{311}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(22)}m_{410}^{(11)}\\
&+2m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(22)}m_{320}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(22)}m_{230}^{(00)} - m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(00)}m_{230}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(00)}m_{221}^{(11)} + m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(00)}m_{140}^{(20)} - m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(00)}m_{131}^{(10)}\\
&+2m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{320}^{(21)} - m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{311}^{(11)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{230}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{131}^{(00)} - m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{410}^{(21)} + m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{320}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{311}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{221}^{(00)} - m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(20)}m_{320}^{(11)}\\
&+2m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(20)}m_{230}^{(10)} - m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(20)}m_{140}^{(00)} + m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(21)}m_{410}^{(11)}\\
&-2m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(21)}m_{320}^{(10)} + m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(21)}m_{230}^{(00)} - m_{000}^{(22)}(m_{010}^{(21)})^2m_{500}^{(21)}\\
&+m_{000}^{(22)}(m_{010}^{(21)})^2m_{410}^{(20)} + m_{000}^{(22)}(m_{010}^{(21)})^2m_{401}^{(10)} - m_{000}^{(22)}(m_{010}^{(21)})^2m_{311}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{010}^{(22)}m_{500}^{(11)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{010}^{(22)}m_{410}^{(10)} + m_{000}^{(22)}m_{010}^{(21)}m_{010}^{(22)}m_{320}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{320}^{(21)} - m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{311}^{(11)} - m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{230}^{(20)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{221}^{(10)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{410}^{(21)} + m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{401}^{(11)}\\
&+2m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{320}^{(20)} - m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{221}^{(00)} + m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(11)}m_{500}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(11)}m_{410}^{(20)} - m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(11)}m_{401}^{(10)} + m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(11)}m_{311}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(20)}m_{410}^{(11)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(20)}m_{320}^{(10)} + m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(20)}m_{230}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(21)}m_{500}^{(11)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(21)}m_{410}^{(10)} - m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(21)}m_{320}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{ccccc}
V1 & V1 & 1 & 1 & 1\\
1 & 1 & 2 & V2 & 3\\
V2 & V3 & V3 & V4 & V4
\end{array}
$$



$$
\begin{aligned}
T_{193} \;=\;& -m^{(00)}_{000}m^{(11)}_{100}m^{(00)}_{010}m^{(22)}_{023} + 2m^{(00)}_{000}m^{(11)}_{100}m^{(00)}_{010}m^{(21)}_{014} - m^{(00)}_{000}m^{(11)}_{100}m^{(00)}_{010}m^{(11)}_{005} \\
&+2m^{(00)}_{000}m^{(11)}_{100}m^{(10)}_{010}m^{(22)}_{113} - 2m^{(00)}_{000}m^{(11)}_{100}m^{(10)}_{010}m^{(21)}_{104} - 2m^{(00)}_{000}m^{(11)}_{100}m^{(10)}_{010}m^{(20)}_{014} \\
&+2m^{(00)}_{000}m^{(11)}_{100}m^{(10)}_{010}m^{(10)}_{005} - m^{(00)}_{000}m^{(11)}_{100}m^{(11)}_{010}m^{(22)}_{203} + 2m^{(00)}_{000}m^{(11)}_{100}m^{(11)}_{010}m^{(20)}_{104} \\
&-m^{(00)}_{000}m^{(11)}_{100}m^{(11)}_{010}m^{(00)}_{005} - 2m^{(00)}_{000}m^{(11)}_{100}m^{(20)}_{010}m^{(21)}_{113} + 2m^{(00)}_{000}m^{(11)}_{100}m^{(20)}_{010}m^{(11)}_{104} \\
&+2m^{(00)}_{000}m^{(11)}_{100}m^{(20)}_{010}m^{(20)}_{023} - 2m^{(00)}_{000}m^{(11)}_{100}m^{(20)}_{010}m^{(10)}_{014} + 2m^{(00)}_{000}m^{(11)}_{100}m^{(21)}_{010}m^{(21)}_{203} \\
&-2m^{(00)}_{000}m^{(11)}_{100}m^{(21)}_{010}m^{(20)}_{113} - 2m^{(00)}_{000}m^{(11)}_{100}m^{(21)}_{010}m^{(10)}_{104} + 2m^{(00)}_{000}m^{(11)}_{100}m^{(21)}_{010}m^{(00)}_{014} \\
&-m^{(00)}_{000}m^{(11)}_{100}m^{(22)}_{010}m^{(11)}_{203} + 2m^{(00)}_{000}m^{(11)}_{100}m^{(22)}_{010}m^{(10)}_{113} - m^{(00)}_{000}m^{(11)}_{100}m^{(22)}_{010}m^{(00)}_{023} \\
&+m^{(00)}_{000}m^{(11)}_{100}m^{(00)}_{001}m^{(22)}_{032} - 2m^{(00)}_{000}m^{(11)}_{100}m^{(00)}_{001}m^{(21)}_{023} + m^{(00)}_{000}m^{(11)}_{100}m^{(00)}_{001}m^{(11)}_{014} \\
&-2m^{(00)}_{000}m^{(11)}_{100}m^{(10)}_{001}m^{(22)}_{122} + 2m^{(00)}_{000}m^{(11)}_{100}m^{(10)}_{001}m^{(21)}_{113} + 2m^{(00)}_{000}m^{(11)}_{100}m^{(10)}_{001}m^{(20)}_{023} \\
&-2m^{(00)}_{000}m^{(11)}_{100}m^{(10)}_{001}m^{(10)}_{014} + m^{(00)}_{000}m^{(11)}_{100}m^{(11)}_{001}m^{(22)}_{212} - 2m^{(00)}_{000}m^{(11)}_{100}m^{(11)}_{001}m^{(20)}_{113} \\
&+m^{(00)}_{000}m^{(11)}_{100}m^{(11)}_{001}m^{(00)}_{014} + 2m^{(00)}_{000}m^{(11)}_{100}m^{(20)}_{001}m^{(21)}_{122} - 2m^{(00)}_{000}m^{(11)}_{100}m^{(20)}_{001}m^{(11)}_{113} \\
&-2m^{(00)}_{000}m^{(11)}_{100}m^{(20)}_{001}m^{(20)}_{032} + 2m^{(00)}_{000}m^{(11)}_{100}m^{(20)}_{001}m^{(10)}_{023} - 2m^{(00)}_{000}m^{(11)}_{100}m^{(21)}_{001}m^{(21)}_{212} \\
&+2m^{(00)}_{000}m^{(11)}_{100}m^{(21)}_{001}m^{(20)}_{122} + 2m^{(00)}_{000}m^{(11)}_{100}m^{(21)}_{001}m^{(10)}_{113} - 2m^{(00)}_{000}m^{(11)}_{100}m^{(21)}_{001}m^{(00)}_{023} \\
&+m^{(00)}_{000}m^{(11)}_{100}m^{(22)}_{001}m^{(11)}_{212} - 2m^{(00)}_{000}m^{(11)}_{100}m^{(22)}_{001}m^{(10)}_{122} + m^{(00)}_{000}m^{(11)}_{100}m^{(22)}_{001}m^{(00)}_{032} \\
&+2m^{(00)}_{000}m^{(21)}_{100}m^{(00)}_{010}m^{(22)}_{032} - 4m^{(00)}_{000}m^{(21)}_{100}m^{(00)}_{010}m^{(21)}_{023} + 2m^{(00)}_{000}m^{(21)}_{100}m^{(00)}_{010}m^{(11)}_{014} \\
&-4m^{(00)}_{000}m^{(21)}_{100}m^{(10)}_{010}m^{(22)}_{122} + 4m^{(00)}_{000}m^{(21)}_{100}m^{(10)}_{010}m^{(21)}_{113} + 4m^{(00)}_{000}m^{(21)}_{100}m^{(10)}_{010}m^{(20)}_{023} \\
&-4m^{(00)}_{000}m^{(21)}_{100}m^{(10)}_{010}m^{(10)}_{014} + 2m^{(00)}_{000}m^{(21)}_{100}m^{(11)}_{010}m^{(22)}_{212} - 4m^{(00)}_{000}m^{(21)}_{100}m^{(11)}_{010}m^{(20)}_{113} \\
&+2m^{(00)}_{000}m^{(21)}_{100}m^{(11)}_{010}m^{(00)}_{014} + 4m^{(00)}_{000}m^{(21)}_{100}m^{(20)}_{010}m^{(21)}_{122} - 4m^{(00)}_{000}m^{(21)}_{100}m^{(20)}_{010}m^{(11)}_{113} \\
&-4m^{(00)}_{000}m^{(21)}_{100}m^{(20)}_{010}m^{(20)}_{032} + 4m^{(00)}_{000}m^{(21)}_{100}m^{(20)}_{010}m^{(10)}_{023} - 4m^{(00)}_{000}m^{(21)}_{100}m^{(21)}_{010}m^{(21)}_{212} \\
&+4m^{(00)}_{000}m^{(21)}_{100}m^{(21)}_{010}m^{(20)}_{122} + 4m^{(00)}_{000}m^{(21)}_{100}m^{(21)}_{010}m^{(10)}_{113} - 4m^{(00)}_{000}m^{(21)}_{100}m^{(21)}_{010}m^{(00)}_{023} \\
&+2m^{(00)}_{000}m^{(21)}_{100}m^{(22)}_{010}m^{(11)}_{212} - 4m^{(00)}_{000}m^{(21)}_{100}m^{(22)}_{010}m^{(10)}_{122} + 2m^{(00)}_{000}m^{(21)}_{100}m^{(22)}_{010}m^{(00)}_{032} \\
&-2m^{(00)}_{000}m^{(21)}_{100}m^{(00)}_{001}m^{(22)}_{041} + 4m^{(00)}_{000}m^{(21)}_{100}m^{(00)}_{001}m^{(21)}_{032} - 2m^{(00)}_{000}m^{(21)}_{100}m^{(00)}_{001}m^{(11)}_{023} \\
&+4m^{(00)}_{000}m^{(21)}_{100}m^{(10)}_{001}m^{(22)}_{131} - 4m^{(00)}_{000}m^{(21)}_{100}m^{(10)}_{001}m^{(21)}_{122} - 4m^{(00)}_{000}m^{(21)}_{100}m^{(10)}_{001}m^{(20)}_{032} \\
&+4m^{(00)}_{000}m^{(21)}_{100}m^{(10)}_{001}m^{(10)}_{023} - 2m^{(00)}_{000}m^{(21)}_{100}m^{(11)}_{001}m^{(22)}_{221} + 4m^{(00)}_{000}m^{(21)}_{100}m^{(11)}_{001}m^{(20)}_{122} \\
&-2m^{(00)}_{000}m^{(21)}_{100}m^{(11)}_{001}m^{(00)}_{023} - 4m^{(00)}_{000}m^{(21)}_{100}m^{(20)}_{001}m^{(21)}_{131} + 4m^{(00)}_{000}m^{(21)}_{100}m^{(20)}_{001}m^{(11)}_{122} \\
&+4m^{(00)}_{000}m^{(21)}_{100}m^{(20)}_{001}m^{(20)}_{041} - 4m^{(00)}_{000}m^{(21)}_{100}m^{(20)}_{001}m^{(10)}_{032} + 4m^{(00)}_{000}m^{(21)}_{100}m^{(21)}_{001}m^{(21)}_{221} \\
&-4m^{(00)}_{000}m^{(21)}_{100}m^{(21)}_{001}m^{(20)}_{131} - 4m^{(00)}_{000}m^{(21)}_{100}m^{(21)}_{001}m^{(10)}_{122} + 4m^{(00)}_{000}m^{(21)}_{100}m^{(21)}_{001}m^{(00)}_{032} \\
&-2m^{(00)}_{000}m^{(21)}_{100}m^{(22)}_{001}m^{(11)}_{221} + 4m^{(00)}_{000}m^{(21)}_{100}m^{(22)}_{001}m^{(10)}_{131} - 2m^{(00)}_{000}m^{(21)}_{100}m^{(22)}_{001}m^{(00)}_{041}
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&-m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(00)}m_{041}^{(22)}+2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(00)}m_{032}^{(21)}-m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(00)}m_{023}^{(11)}\\
&+2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(10)}m_{131}^{(22)}-2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(10)}m_{122}^{(21)}-2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(10)}m_{032}^{(20)}\\
&+2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(10)}m_{023}^{(10)}-m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{221}^{(22)}+2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{122}^{(20)}\\
&-m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(11)}m_{023}^{(00)}-2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(20)}m_{131}^{(21)}+2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(20)}m_{122}^{(11)}\\
&+2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(20)}m_{041}^{(20)}-2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(20)}m_{032}^{(10)}+2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{221}^{(21)}\\
&-2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{131}^{(20)}-2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{122}^{(10)}+2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(21)}m_{032}^{(00)}\\
&-m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(22)}m_{221}^{(11)}+2m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(22)}m_{131}^{(10)}-m_{000}^{(00)}m_{100}^{(22)}m_{010}^{(22)}m_{041}^{(00)}\\
&+m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(00)}m_{050}^{(22)}-2m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(00)}m_{041}^{(21)}+m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(00)}m_{032}^{(11)}\\
&-2m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(10)}m_{140}^{(22)}+2m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(10)}m_{131}^{(21)}+2m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(10)}m_{041}^{(20)}\\
&-2m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(10)}m_{032}^{(10)}+m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(11)}m_{230}^{(22)}-2m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(11)}m_{131}^{(20)}\\
&+m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(11)}m_{032}^{(00)}+2m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(20)}m_{140}^{(21)}-2m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(20)}m_{131}^{(11)}\\
&-2m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(20)}m_{050}^{(20)}+2m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(20)}m_{041}^{(10)}-2m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(21)}m_{230}^{(21)}\\
&+2m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(21)}m_{140}^{(20)}+2m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(21)}m_{131}^{(10)}-2m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(21)}m_{041}^{(00)}\\
&+m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(22)}m_{230}^{(11)}-2m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(22)}m_{140}^{(10)}+m_{000}^{(00)}m_{100}^{(22)}m_{001}^{(22)}m_{050}^{(00)}\\
&+m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(10)}m_{023}^{(22)}-2m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(10)}m_{014}^{(21)}+m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(10)}m_{005}^{(11)}\\
&-m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(20)}m_{032}^{(22)}+2m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(20)}m_{023}^{(21)}-m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(20)}m_{014}^{(11)}\\
&-m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(21)}m_{122}^{(22)}+2m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(21)}m_{113}^{(21)}-m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(21)}m_{104}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(22)}m_{131}^{(22)}-2m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(22)}m_{122}^{(21)}+m_{000}^{(00)}m_{010}^{(00)}m_{010}^{(22)}m_{113}^{(11)}\\
&-m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(10)}m_{032}^{(22)}+2m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(10)}m_{023}^{(21)}-m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(10)}m_{014}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(11)}m_{122}^{(22)}-2m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(11)}m_{113}^{(21)}+m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(11)}m_{104}^{(11)}\\
&+m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(20)}m_{041}^{(22)}-2m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(20)}m_{032}^{(21)}+m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(20)}m_{023}^{(11)}\\
&-m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(21)}m_{131}^{(22)}+2m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(21)}m_{122}^{(21)}-m_{000}^{(00)}m_{010}^{(00)}m_{001}^{(21)}m_{113}^{(11)}\\
&-2m_{000}^{(00)}(m_{010}^{(10)})^2m_{113}^{(22)}+2m_{000}^{(00)}(m_{010}^{(10)})^2m_{104}^{(21)}+2m_{000}^{(00)}(m_{010}^{(10)})^2m_{014}^{(20)}\\
&-2m_{000}^{(00)}(m_{010}^{(10)})^2m_{005}^{(10)}+m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(11)}m_{203}^{(22)}-2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(11)}m_{104}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(11)}m_{005}^{(00)}+2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{122}^{(22)}-2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{104}^{(11)}\\
&-4m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{023}^{(20)}+4m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(20)}m_{014}^{(10)}+2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{212}^{(22)}\\
&-4m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{203}^{(21)}+4m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{104}^{(10)}-2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(21)}m_{014}^{(00)}\\
&-2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{221}^{(22)}+2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{212}^{(21)}+m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{203}^{(11)}\\
&+2m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{122}^{(20)}-4m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{113}^{(10)}+m_{000}^{(00)}m_{010}^{(10)}m_{010}^{(22)}m_{023}^{(00)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(00)}m_{032}^{(22)}+2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(00)}m_{023}^{(21)}-m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(00)}m_{014}^{(11)}\\
&+4m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{122}^{(22)}-4m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{113}^{(21)}-4m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{023}^{(20)}\\
&+4m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(10)}m_{014}^{(10)}-3m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{212}^{(22)}+2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{203}^{(21)}\\
&+4m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{113}^{(20)}-2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{104}^{(10)}-m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(11)}m_{014}^{(00)}\\
&-2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{131}^{(22)}+2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{113}^{(11)}+4m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{032}^{(20)}\\
&-4m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(20)}m_{023}^{(10)}+2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{221}^{(22)}-4m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{122}^{(20)}\\
&+2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(21)}m_{023}^{(00)}-m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{212}^{(11)}+2m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{122}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(10)}m_{001}^{(22)}m_{032}^{(00)}-m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{212}^{(22)}+2m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{113}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(20)}m_{014}^{(00)}-m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(21)}m_{302}^{(22)}+2m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(21)}m_{203}^{(20)}
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&-m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(21)}m_{104}^{(00)} + m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(22)}m_{311}^{(22)} - 2m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(22)}m_{212}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{010}^{(22)}m_{113}^{(00)} - m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{212}^{(22)} + 2m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{113}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(10)}m_{014}^{(00)} + m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(11)}m_{302}^{(22)} - 2m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(11)}m_{203}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(11)}m_{104}^{(00)} + m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{221}^{(22)} - 2m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{122}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(20)}m_{023}^{(00)} - m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{311}^{(22)} + 2m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{212}^{(20)}\\
&-m_{000}^{(00)}m_{010}^{(11)}m_{001}^{(21)}m_{113}^{(00)} - 2m_{000}^{(00)}(m_{010}^{(20)})^2m_{122}^{(21)} + 2m_{000}^{(00)}(m_{010}^{(20)})^2m_{113}^{(11)}\\
&+2m_{000}^{(00)}(m_{010}^{(20)})^2m_{032}^{(20)} - 2m_{000}^{(00)}(m_{010}^{(20)})^2m_{023}^{(10)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{010}^{(11)}m_{203}\\
&-4m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{113}^{(10)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(21)}m_{023}^{(00)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{221}^{(21)}\\
&-3m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{212}^{(11)} - 2m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{131}^{(20)} + 4m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{122}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(20)}m_{010}^{(22)}m_{032}^{(00)} + m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(00)}m_{041}^{(22)} - 2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(00)}m_{032}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(00)}m_{023}^{(11)} - 2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{131}^{(22)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{113}^{(11)}\\
&+4m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{032}^{(20)} - 4m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(10)}m_{023}^{(10)} + m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{221}^{(22)}\\
&+2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{212}^{(21)} - 2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{203}^{(11)} - 4m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{122}^{(20)}\\
&+2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{113}^{(10)} + m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(11)}m_{023}^{(00)} + 4m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(20)}m_{131}^{(21)}\\
&-4m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(20)}m_{122}^{(11)} - 4m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(20)}m_{041}^{(20)} + 4m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(20)}m_{032}^{(10)}\\
&-4m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{221}^{(21)} + 2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{212}^{(11)} + 4m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{131}^{(20)}\\
&-2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(21)}m_{032}^{(00)} + m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{221}^{(11)} - 2m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{131}^{(10)}\\
&+m_{000}^{(00)}m_{010}^{(20)}m_{001}^{(22)}m_{041}^{(00)} + 2m_{000}^{(00)}(m_{010}^{(21)})^2m_{302}^{(21)} - 2m_{000}^{(00)}(m_{010}^{(21)})^2m_{212}^{(20)}\\
&-2m_{000}^{(00)}(m_{010}^{(21)})^2m_{203}^{(10)} + 2m_{000}^{(00)}(m_{010}^{(21)})^2m_{113}^{(00)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{010}^{(21)}m_{311}\\
&-m_{000}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{302}^{(11)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{221}^{(20)} + 4m_{000}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{212}^{(10)}\\
&-3m_{000}^{(00)}m_{010}^{(21)}m_{010}^{(22)}m_{122}^{(00)} + m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{131}^{(22)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{122}^{(21)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(00)}m_{113}^{(11)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{221}^{(22)} + 4m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{212}^{(21)}\\
&-4m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{113}^{(10)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(10)}m_{023}^{(00)} + m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{311}^{(22)}\\
&-2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{302}^{(21)} + 2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{203}^{(10)} - m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(11)}m_{113}^{(00)}\\
&-2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{212}^{(11)} + 4m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{122}^{(10)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(20)}m_{032}^{(00)}\\
&+m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{311}^{(11)} - 2m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{221}^{(10)} + m_{000}^{(00)}m_{010}^{(21)}m_{001}^{(22)}m_{131}^{(00)}\\
&+m_{000}^{(00)}(m_{010}^{(22)})^2m_{311}^{(11)} - 2m_{000}^{(00)}(m_{010}^{(22)})^2m_{221}^{(10)} + m_{000}^{(00)}(m_{010}^{(22)})^2m_{131}^{(00)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(00)}m_{140}^{(22)} + 2m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(00)}m_{131}^{(21)} - m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(00)}m_{122}^{(11)}\\
&+2m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{230}^{(22)} - 2m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{221}^{(21)} - m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{212}^{(11)}\\
&-2m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{131}^{(20)} + 4m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{122}^{(10)} - m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(10)}m_{032}^{(00)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(11)}m_{320}^{(22)} + m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(11)}m_{302}^{(11)} + 2m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(11)}m_{221}^{(20)}\\
&-2m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(11)}m_{212}^{(10)} - 2m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{230}^{(21)} + 3m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{221}^{(11)}\\
&+2m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{140}^{(20)} - 4m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{131}^{(10)} + m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(20)}m_{041}^{(00)}\\
&+2m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(21)}m_{320}^{(21)} - m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(21)}m_{311}^{(11)} - 2m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(21)}m_{230}^{(20)}\\
&+m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(21)}m_{131}^{(00)} - m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(22)}m_{320}^{(11)} + 2m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(22)}m_{230}^{(10)}\\
&-m_{000}^{(00)}m_{010}^{(22)}m_{001}^{(22)}m_{140}^{(00)} + m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(10)}m_{041}^{(22)} - 2m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(10)}m_{032}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(10)}m_{023}^{(11)} - m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(11)}m_{131}^{(22)} + 2m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(11)}m_{122}^{(21)}\\
&-m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(11)}m_{113}^{(11)} - m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(20)}m_{050}^{(22)} + 2m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(20)}m_{041}^{(21)}
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&-m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(20)}m_{032}^{(11)}+m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(21)}m_{140}^{(22)}-2m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(21)}m_{131}^{(21)}\\
&+m_{000}^{(00)}m_{001}^{(00)}m_{001}^{(21)}m_{122}^{(11)}-2m_{000}^{(00)}(m_{001}^{(10)})^2m_{131}^{(22)}+2m_{000}^{(00)}(m_{001}^{(10)})^2m_{122}^{(21)}\\
&+2m_{000}^{(00)}(m_{001}^{(10)})^2m_{032}^{(20)}-2m_{000}^{(00)}(m_{001}^{(10)})^2m_{023}^{(10)}+3m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{221}^{(22)}\\
&-2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{212}^{(21)}-4m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{122}^{(20)}+2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{113}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(11)}m_{023}^{(00)}+2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{140}^{(22)}-2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{122}^{(11)}\\
&-4m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{041}^{(20)}+4m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(20)}m_{032}^{(10)}-2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{230}^{(22)}\\
&+4m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{131}^{(20)}-2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(21)}m_{032}^{(00)}+m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{221}^{(11)}\\
&-2m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{131}^{(10)}+m_{000}^{(00)}m_{001}^{(10)}m_{001}^{(22)}m_{041}^{(00)}-m_{000}^{(00)}(m_{001}^{(11)})^2m_{311}^{(22)}\\
&+2m_{000}^{(00)}(m_{001}^{(11)})^2m_{212}^{(20)}-m_{000}^{(00)}(m_{001}^{(11)})^2m_{113}^{(00)}-m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{230}^{(22)}\\
&-2m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{221}^{(21)}+2m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{212}^{(11)}+4m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{131}^{(20)}\\
&-2m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{122}^{(10)}-m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(20)}m_{032}^{(00)}+m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{320}^{(22)}\\
&+2m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{311}^{(21)}-4m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{221}^{(20)}-2m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{212}^{(10)}\\
&+3m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(21)}m_{122}^{(00)}-m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{311}^{(11)}+2m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{221}^{(10)}\\
&-m_{000}^{(00)}m_{001}^{(11)}m_{001}^{(22)}m_{131}^{(00)}-2m_{000}^{(00)}(m_{001}^{(20)})^2m_{140}^{(21)}+2m_{000}^{(00)}(m_{001}^{(20)})^2m_{131}^{(11)}\\
&+2m_{000}^{(00)}(m_{001}^{(20)})^2m_{050}^{(20)}-2m_{000}^{(00)}(m_{001}^{(20)})^2m_{041}^{(10)}+4m_{000}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{230}^{(21)}\\
&-2m_{000}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{221}^{(11)}-4m_{000}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{140}^{(20)}+2m_{000}^{(00)}m_{001}^{(20)}m_{001}^{(21)}m_{041}^{(00)}\\
&-m_{000}^{(00)}m_{001}^{(20)}m_{001}^{(22)}m_{230}^{(11)}+2m_{000}^{(00)}m_{001}^{(20)}m_{001}^{(22)}m_{140}^{(10)}-m_{000}^{(00)}m_{001}^{(20)}m_{001}^{(22)}m_{050}^{(00)}\\
&-2m_{000}^{(00)}(m_{001}^{(21)})^2m_{320}^{(21)}+2m_{000}^{(00)}(m_{001}^{(21)})^2m_{230}^{(20)}+2m_{000}^{(00)}(m_{001}^{(21)})^2m_{221}^{(10)}\\
&-2m_{000}^{(00)}(m_{001}^{(21)})^2m_{131}^{(00)}+m_{000}^{(00)}m_{001}^{(21)}m_{001}^{(22)}m_{320}^{(11)}-2m_{000}^{(00)}m_{001}^{(21)}m_{001}^{(22)}m_{230}^{(10)}\\
&+m_{000}^{(00)}m_{001}^{(21)}m_{001}^{(22)}m_{140}^{(00)}+m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(11)}m_{023}^{(22)}-2m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(11)}m_{014}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(11)}m_{005}^{(11)}-2m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(21)}m_{032}^{(22)}+4m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(21)}m_{023}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(21)}m_{014}^{(11)}+m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(22)}m_{041}^{(22)}-2m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(22)}m_{032}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(00)}m_{100}^{(22)}m_{023}^{(11)}-m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(10)}m_{023}^{(22)}+2m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(10)}m_{014}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(10)}m_{005}^{(11)}+m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(20)}m_{032}^{(22)}-2m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(20)}m_{023}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(20)}m_{014}^{(11)}+m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(21)}m_{122}^{(22)}-2m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(21)}m_{113}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(21)}m_{104}^{(11)}-m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(22)}m_{131}^{(22)}+2m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(22)}m_{122}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(00)}m_{010}^{(22)}m_{113}^{(11)}+m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(10)}m_{032}^{(22)}-2m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(10)}m_{023}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(10)}m_{014}^{(11)}-m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(11)}m_{122}^{(22)}+2m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(11)}m_{113}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(11)}m_{104}^{(11)}-m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(20)}m_{041}^{(22)}+2m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(20)}m_{032}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(20)}m_{023}^{(11)}+m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(21)}m_{131}^{(22)}-2m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(21)}m_{122}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(00)}m_{001}^{(21)}m_{113}^{(11)}-2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(11)}m_{113}^{(22)}+2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(11)}m_{104}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(11)}m_{014}^{(20)}-2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(11)}m_{005}^{(10)}+4m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(21)}m_{122}^{(22)}\\
&-4m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(21)}m_{113}^{(21)}-4m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(21)}m_{023}^{(20)}+4m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(21)}m_{014}^{(10)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(22)}m_{131}^{(22)}+2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(22)}m_{122}^{(21)}+2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(22)}m_{032}^{(20)}\\
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&+m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(00)}m_{005}^{(11)}+m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(11)}m_{203}^{(22)}-2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(11)}m_{104}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(11)}m_{005}^{(00)}-2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(20)}m_{122}^{(22)}+4m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(20)}m_{113}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(20)}m_{104}^{(11)}-2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(21)}m_{212}^{(22)}+4m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(21)}m_{113}^{(20)}
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&-2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(21)}m_{014}^{(00)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(22)}m_{221}^{(22)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{100}^{(22)}m_{212}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(22)}m_{203}^{(11)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(22)}m_{122}^{(20)} + m_{000}^{(10)}m_{100}^{(10)}m_{010}^{(22)}m_{023}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(00)}m_{032}^{(22)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(00)}m_{023}^{(21)} - m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(00)}m_{014}^{(11)}\\
&+m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(11)}m_{212}^{(22)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(11)}m_{203}^{(21)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(11)}m_{104}^{(10)}\\
&-m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(11)}m_{014}^{(00)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(20)}m_{131}^{(22)} - 4m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(20)}m_{122}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(20)}m_{113}^{(11)} - 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{221}^{(22)} + 4m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{212}^{(21)}\\
&-4m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{113}^{(10)} + 2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(21)}m_{023}^{(00)} - m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(22)}m_{212}^{(11)}\\
&+2m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(22)}m_{122}^{(10)} - m_{000}^{(10)}m_{100}^{(10)}m_{001}^{(22)}m_{032}^{(00)} + m_{000}^{(10)}(m_{100}^{(11)})^2m_{203}^{(22)}\\
&-2m_{000}^{(10)}(m_{100}^{(11)})^2m_{104}^{(20)} + m_{000}^{(10)}(m_{100}^{(11)})^2m_{005}^{(00)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(20)}m_{113}^{(21)}\\
&-2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(20)}m_{104}^{(11)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(20)}m_{023}^{(20)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(20)}m_{014}^{(10)}\\
&-2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(21)}m_{212}^{(22)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(21)}m_{203}^{(21)} + 6m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(21)}m_{113}^{(20)}\\
&+2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(21)}m_{104}^{(10)} - 4m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(21)}m_{014}^{(00)} + m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{221}^{(22)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{203}^{(11)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{122}^{(20)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{113}^{(10)}\\
&+2m_{000}^{(10)}m_{100}^{(11)}m_{100}^{(22)}m_{023}^{(00)} - m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(10)}m_{203}^{(22)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(10)}m_{104}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(10)}m_{005}^{(00)} + m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(20)}m_{212}^{(22)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(20)}m_{113}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(20)}m_{014}^{(00)} + m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(21)}m_{302}^{(22)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(21)}m_{203}^{(20)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(21)}m_{104}^{(00)} - m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(22)}m_{311}^{(22)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(22)}m_{212}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{010}^{(22)}m_{113}^{(00)} - m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(00)}m_{122}^{(22)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(00)}m_{113}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(00)}m_{104}^{(11)} + 3m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(10)}m_{212}^{(22)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(10)}m_{203}^{(21)}\\
&-4m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(10)}m_{113}^{(20)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(10)}m_{104}^{(10)} + m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(10)}m_{014}^{(00)}\\
&-2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(11)}m_{302}^{(22)} + 4m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(11)}m_{203}^{(20)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(11)}m_{104}^{(00)}\\
&-m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{221}^{(22)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{212}^{(21)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{203}^{(11)}\\
&+4m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{122}^{(20)} - 2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{113}^{(10)} - m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(20)}m_{023}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(21)}m_{311}^{(22)} + 2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(21)}m_{302}^{(21)} - 4m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(21)}m_{212}^{(20)}\\
&-2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(21)}m_{203}^{(10)} + 3m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(21)}m_{113}^{(00)} - m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{302}^{(11)}\\
&+2m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{212}^{(10)} - m_{000}^{(10)}m_{100}^{(11)}m_{001}^{(22)}m_{122}^{(00)} - 4m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(21)}m_{122}^{(21)}\\
&+4m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(21)}m_{113}^{(11)} + 4m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(21)}m_{032}^{(20)} - 4m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(21)}m_{023}^{(10)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(22)}m_{131}^{(21)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(22)}m_{122}^{(11)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(22)}m_{041}^{(20)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{100}^{(22)}m_{032}^{(10)} - m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(00)}m_{032}^{(22)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(00)}m_{023}^{(21)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(00)}m_{014}^{(11)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(10)}m_{122}^{(22)} - 4m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(10)}m_{113}^{(21)}\\
&+2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(10)}m_{104}^{(11)} - m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(11)}m_{212}^{(22)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(11)}m_{113}^{(20)}\\
&-m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(11)}m_{014}^{(00)} + 4m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{212}^{(21)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{203}^{(11)}\\
&-4m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{122}^{(20)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(21)}m_{023}^{(00)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{221}^{(21)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{212}^{(11)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{131}^{(20)} - m_{000}^{(10)}m_{100}^{(20)}m_{010}^{(22)}m_{032}^{(00)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(00)}m_{041}^{(22)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(00)}m_{032}^{(21)} + m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(00)}m_{023}^{(11)}\\
&-2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(10)}m_{131}^{(22)} + 4m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(10)}m_{122}^{(21)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(10)}m_{113}^{(11)}\\
&+m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{221}^{(22)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{212}^{(21)} + 2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{203}^{(11)}\\
&-2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{113}^{(10)} + m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(11)}m_{023}^{(00)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{212}^{(11)}
\end{aligned}
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$$+4m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{122}^{(10)} - 2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(21)}m_{032}^{(00)} + m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{221}^{(11)}$$
$$-2m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{131}^{(10)} + m_{000}^{(10)}m_{100}^{(20)}m_{001}^{(22)}m_{041}^{(00)} + 4m_{000}^{(10)}(m_{100}^{(21)})^2m_{212}^{(21)}$$
$$-4m_{000}^{(10)}(m_{100}^{(21)})^2m_{122}^{(20)} - 4m_{000}^{(10)}(m_{100}^{(21)})^2m_{113}^{(10)} + 4m_{000}^{(10)}(m_{100}^{(21)})^2m_{023}^{(00)}$$
$$-2m_{000}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{221}^{(21)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{212}^{(11)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{131}^{(20)}$$
$$+6m_{000}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{122}^{(10)} - 4m_{000}^{(10)}m_{100}^{(21)}m_{100}^{(22)}m_{032}^{(00)} - m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(00)}m_{122}^{(22)}$$
$$+2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(00)}m_{113}^{(21)} - m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(00)}m_{104}^{(11)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{212}^{(22)}$$
$$-4m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{113}^{(20)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(10)}m_{014}^{(00)} - m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(11)}m_{302}^{(22)}$$
$$+2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(11)}m_{203}^{(20)} - m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(11)}m_{104}^{(00)} - 4m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{212}^{(21)}$$
$$+2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{203}^{(11)} + 4m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{122}^{(20)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(20)}m_{023}^{(00)}$$
$$+2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{311}^{(21)} - m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{302}^{(11)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{221}^{(20)}$$
$$+m_{000}^{(10)}m_{100}^{(21)}m_{010}^{(22)}m_{122}^{(00)} + 3m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(00)}m_{131}^{(22)} - 6m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(00)}m_{122}^{(21)}$$
$$+3m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(00)}m_{113}^{(11)} - 6m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{221}^{(22)} + 4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{212}^{(21)}$$
$$+8m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{122}^{(20)} - 4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{113}^{(10)} - 2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(10)}m_{023}^{(00)}$$
$$+3m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{311}^{(22)} + 2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{302}^{(21)} - 8m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{212}^{(20)}$$
$$-2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{203}^{(10)} + 5m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(11)}m_{113}^{(00)} + 8m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{221}^{(21)}$$
$$-6m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{212}^{(11)} - 8m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{131}^{(20)} + 4m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{122}^{(10)}$$
$$+2m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(20)}m_{032}^{(00)} - 8m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{311}^{(21)} + 8m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{221}^{(20)}$$
$$+8m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{212}^{(10)} - 8m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(21)}m_{122}^{(00)} + 3m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{311}^{(11)}$$
$$-6m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{221}^{(10)} + 3m_{000}^{(10)}m_{100}^{(21)}m_{001}^{(22)}m_{131}^{(00)} + m_{000}^{(10)}(m_{100}^{(22)})^2m_{221}^{(11)}$$
$$-2m_{000}^{(10)}(m_{100}^{(22)})^2m_{131}^{(10)} + m_{000}^{(10)}(m_{100}^{(22)})^2m_{041}^{(00)} + m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(00)}m_{131}^{(22)}$$
$$-2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(00)}m_{122}^{(21)} + m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(00)}m_{113}^{(11)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{221}^{(22)}$$
$$+2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{212}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{203}^{(11)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{122}^{(20)}$$
$$-m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(10)}m_{023}^{(00)} + m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{311}^{(22)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{212}^{(20)}$$
$$+m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(11)}m_{113}^{(00)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{221}^{(21)} - m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{212}^{(11)}$$
$$-2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{131}^{(20)} + m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(20)}m_{032}^{(00)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{311}^{(21)}$$
$$+m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{302}^{(11)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{221}^{(20)} - m_{000}^{(10)}m_{100}^{(22)}m_{010}^{(21)}m_{122}^{(00)}$$
$$-2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(00)}m_{140}^{(22)} + 4m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(00)}m_{131}^{(21)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(00)}m_{122}^{(11)}$$
$$+4m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{230}^{(22)} - 4m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{221}^{(21)} + m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{212}^{(11)}$$
$$-4m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{131}^{(20)} + 2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{122}^{(10)} + m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(10)}m_{032}^{(00)}$$
$$-2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{320}^{(22)} - m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{302}^{(11)} + 4m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{221}^{(20)}$$
$$+2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{212}^{(10)} - 3m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(11)}m_{122}^{(00)} - 4m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{230}^{(21)}$$
$$+3m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{221}^{(11)} + 4m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{140}^{(20)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{131}^{(10)}$$
$$-m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(20)}m_{041}^{(00)} + 4m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{320}^{(21)} + m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{311}^{(11)}$$
$$-4m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{230}^{(20)} - 6m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{221}^{(10)} + 5m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(21)}m_{131}^{(00)}$$
$$-2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(22)}m_{320}^{(11)} + 4m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(22)}m_{230}^{(10)} - 2m_{000}^{(10)}m_{100}^{(22)}m_{001}^{(22)}m_{140}^{(00)}$$
$$-m_{000}^{(10)}(m_{010}^{(00)})^2m_{023}^{(22)} + 2m_{000}^{(10)}(m_{010}^{(00)})^2m_{014}^{(21)} - m_{000}^{(10)}(m_{010}^{(00)})^2m_{005}^{(11)}$$
$$+2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(10)}m_{113}^{(22)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(10)}m_{104}^{(21)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(10)}m_{014}^{(20)}$$
$$+2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(10)}m_{005}^{(10)} - m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(11)}m_{203}^{(22)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(11)}m_{104}^{(20)}$$

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\begin{aligned}
&-m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(11)}m_{005}^{(00)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(20)}m_{122}^{(22)} - 6m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(20)}m_{113}^{(21)}\\
&+4m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(20)}m_{104}^{(11)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(20)}m_{023}^{(20)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(20)}m_{014}^{(10)}\\
&+2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{203}^{(21)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{113}^{(20)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{104}^{(10)}\\
&+2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(21)}m_{014}^{(00)} - m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{221}^{(22)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{212}^{(21)}\\
&-2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{203}^{(11)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{113}^{(10)} - m_{000}^{(10)}m_{010}^{(00)}m_{010}^{(22)}m_{023}^{(00)}\\
&+2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(00)}m_{032}^{(22)} - 4m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(00)}m_{023}^{(21)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(00)}m_{014}^{(11)}\\
&-3m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(10)}m_{122}^{(22)} + 4m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(10)}m_{113}^{(21)} - m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(10)}m_{104}^{(11)}\\
&+2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(10)}m_{023}^{(20)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(10)}m_{014}^{(10)} + m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(11)}m_{212}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(11)}m_{113}^{(20)} + m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(11)}m_{014}^{(00)} - m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{131}^{(22)}\\
&+4m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{122}^{(21)} - 3m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{113}^{(11)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{032}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(20)}m_{023}^{(10)} + m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{221}^{(22)} - 4m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{212}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{203}^{(11)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{122}^{(20)} + 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{113}^{(10)}\\
&-2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(21)}m_{023}^{(00)} + m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{212}^{(11)} - 2m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{122}^{(10)}\\
&+m_{000}^{(10)}m_{010}^{(00)}m_{001}^{(22)}m_{032}^{(00)} - 4m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{212}^{(22)} + 4m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{203}^{(21)}\\
&+4m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{113}^{(20)} - 4m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(20)}m_{104}^{(10)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{311}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{302}^{(21)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{212}^{(20)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{010}^{(22)}m_{203}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{122}^{(22)} + m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{104}^{(11)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{023}^{(20)}\\
&-2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(00)}m_{014}^{(10)} + m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(11)}m_{302}^{(22)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(11)}m_{203}^{(20)}\\
&+m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(11)}m_{104}^{(00)} + 2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{221}^{(22)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{203}^{(11)}\\
&-4m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{122}^{(20)} + 4m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(20)}m_{113}^{(10)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(21)}m_{311}^{(22)}\\
&+4m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(21)}m_{212}^{(20)} - 2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(21)}m_{113}^{(00)} + m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{302}^{(11)}\\
&-2m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{212}^{(10)} + m_{000}^{(10)}m_{010}^{(10)}m_{001}^{(22)}m_{122}^{(00)} + 2m_{000}^{(10)}m_{010}^{(11)}m_{010}^{(20)}m_{302}^{(22)}\\
&-4m_{000}^{(10)}m_{010}^{(11)}m_{010}^{(20)}m_{203}^{(20)} + 2m_{000}^{(10)}m_{010}^{(11)}m_{010}^{(20)}m_{104}^{(00)} - m_{000}^{(10)}m_{010}^{(11)}m_{010}^{(22)}m_{401}^{(22)}\\
&+2m_{000}^{(10)}m_{010}^{(11)}m_{010}^{(22)}m_{302}^{(20)} - m_{000}^{(10)}m_{010}^{(11)}m_{010}^{(22)}m_{203}^{(00)} + m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{212}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{113}^{(20)} + m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(00)}m_{014}^{(00)} - m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(10)}m_{302}^{(22)}\\
&+2m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(10)}m_{203}^{(20)} - m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(10)}m_{104}^{(00)} - m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{311}^{(22)}\\
&+2m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{212}^{(20)} - m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(20)}m_{113}^{(00)} + m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(21)}m_{401}^{(22)}\\
&-2m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(21)}m_{302}^{(20)} + m_{000}^{(10)}m_{010}^{(11)}m_{001}^{(21)}m_{203}^{(00)} + 4m_{000}^{(10)}(m_{010}^{(20)})^2m_{212}^{(21)}\\
&-4m_{000}^{(10)}(m_{010}^{(20)})^2m_{203}^{(11)} - 4m_{000}^{(10)}(m_{010}^{(20)})^2m_{122}^{(20)} + 4m_{000}^{(10)}(m_{010}^{(20)})^2m_{113}^{(10)}\\
&-4m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{302}^{(21)} + 4m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{212}^{(20)} + 4m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{203}^{(10)}\\
&-4m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(21)}m_{113}^{(00)} - 2m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{311}^{(21)} + 4m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{302}^{(11)}\\
&+2m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{221}^{(20)} - 6m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{212}^{(10)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{010}^{(22)}m_{122}^{(00)}\\
&-3m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{131}^{(22)} + 8m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{122}^{(21)} - 5m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{113}^{(11)}\\
&-2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{032}^{(20)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(00)}m_{023}^{(10)} + 6m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{221}^{(22)}\\
&-8m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{212}^{(21)} + 2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{203}^{(11)} - 4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{122}^{(20)}\\
&+4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(10)}m_{113}^{(10)} - 3m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{311}^{(22)} + 6m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{212}^{(20)}\\
&-3m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(11)}m_{113}^{(00)} - 8m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{221}^{(21)} + 8m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{212}^{(11)}\\
&+8m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{131}^{(20)} - 8m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(20)}m_{122}^{(10)} + 8m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{311}^{(21)}
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&-2m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{302}^{(11)} - 8m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{221}^{(20)} - 4m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{212}^{(10)}\\
&+6m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(21)}m_{122}^{(00)} - 3m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{311}^{(11)} + 6m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{221}^{(10)}\\
&-3m_{000}^{(10)}m_{010}^{(20)}m_{001}^{(22)}m_{131}^{(00)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{401}^{(21)} - 2m_{000}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{311}^{(20)}\\
&-2m_{000}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{302}^{(10)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{010}^{(22)}m_{212}^{(00)} - m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{221}^{(22)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{203}^{(11)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{122}^{(20)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{113}^{(10)}\\
&-2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(00)}m_{023}^{(00)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{311}^{(22)} - 4m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{212}^{(20)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(10)}m_{113}^{(00)} - m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(11)}m_{401}^{(22)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(11)}m_{302}^{(20)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(11)}m_{203}^{(00)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{302}^{(11)} - 4m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{212}^{(10)}\\
&+2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(20)}m_{122}^{(00)} - m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{401}^{(11)} + 2m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{311}^{(10)}\\
&-m_{000}^{(10)}m_{010}^{(21)}m_{001}^{(22)}m_{221}^{(00)} - m_{000}^{(10)}(m_{010}^{(22)})^2m_{401}^{(11)} + 2m_{000}^{(10)}(m_{010}^{(22)})^2m_{311}^{(10)}\\
&-m_{000}^{(10)}(m_{010}^{(22)})^2m_{221}^{(00)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{230}^{(22)} - 4m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{221}^{(21)}\\
&+3m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{212}^{(11)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{122}^{(10)} + m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(00)}m_{032}^{(00)}\\
&-4m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{320}^{(22)} + 4m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{311}^{(21)} - m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{302}^{(11)}\\
&+4m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{221}^{(20)} - 2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{212}^{(10)} - m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(10)}m_{122}^{(00)}\\
&+2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(11)}m_{410}^{(22)} - 4m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(11)}m_{311}^{(20)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(11)}m_{212}^{(00)}\\
&+4m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{320}^{(21)} - 5m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{311}^{(11)} - 4m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{230}^{(20)}\\
&+6m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{221}^{(10)} - m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(20)}m_{131}^{(00)} - 4m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{410}^{(21)}\\
&+m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{401}^{(11)} + 4m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{320}^{(20)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{311}^{(10)}\\
&-3m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(21)}m_{221}^{(00)} + 2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(22)}m_{410}^{(11)} - 4m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(22)}m_{320}^{(10)}\\
&+2m_{000}^{(10)}m_{010}^{(22)}m_{001}^{(22)}m_{230}^{(00)} - m_{000}^{(10)}(m_{001}^{(00)})^2m_{041}^{(22)} + 2m_{000}^{(10)}(m_{001}^{(00)})^2m_{032}^{(21)}\\
&-m_{000}^{(10)}(m_{001}^{(00)})^2m_{023}^{(11)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(10)}m_{131}^{(22)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(10)}m_{122}^{(21)}\\
&-2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(10)}m_{032}^{(20)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(10)}m_{023}^{(10)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{212}^{(21)}\\
&+m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{203}^{(11)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{122}^{(20)} - m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(11)}m_{023}^{(00)}\\
&+2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(20)}m_{140}^{(22)} - 6m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(20)}m_{131}^{(21)} + 4m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(20)}m_{122}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(20)}m_{041}^{(20)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(20)}m_{032}^{(10)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{230}^{(22)}\\
&+6m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{221}^{(21)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{212}^{(11)} - 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{131}^{(20)}\\
&-2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{122}^{(10)} + 2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(21)}m_{032}^{(00)} - m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{221}^{(11)}\\
&+2m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{131}^{(10)} - m_{000}^{(10)}m_{001}^{(00)}m_{001}^{(22)}m_{041}^{(00)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(11)}m_{311}^{(22)}\\
&+2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(11)}m_{302}^{(21)} + 2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(11)}m_{212}^{(20)} - 2m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(11)}m_{203}^{(10)}\\
&-4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{230}^{(22)} + 4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{221}^{(21)} + 4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{131}^{(20)}\\
&-4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(20)}m_{122}^{(10)} + 4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{320}^{(22)} - 4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{311}^{(21)}\\
&-4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{221}^{(20)} + 4m_{000}^{(10)}m_{001}^{(10)}m_{001}^{(21)}m_{212}^{(10)} + m_{000}^{(10)}(m_{001}^{(11)})^2m_{401}^{(22)}\\
&-2m_{000}^{(10)}(m_{001}^{(11)})^2m_{302}^{(20)} + m_{000}^{(10)}(m_{001}^{(11)})^2m_{203}^{(00)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{320}^{(22)}\\
&+2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{311}^{(21)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{302}^{(11)} - 6m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{221}^{(20)}\\
&+2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{212}^{(10)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(20)}m_{122}^{(00)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{410}^{(22)}\\
&-2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{401}^{(21)} + 6m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{311}^{(20)} + 2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{302}^{(10)}\\
&-4m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(21)}m_{212}^{(00)} + m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{401}^{(11)} - 2m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{311}^{(10)}\\
&+m_{000}^{(10)}m_{001}^{(11)}m_{001}^{(22)}m_{221}^{(00)} + 4m_{000}^{(10)}(m_{001}^{(20)})^2m_{230}^{(21)} - 4m_{000}^{(10)}(m_{001}^{(20)})^2m_{221}^{(11)}
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&-4m_{000}^{(10)}(m_{001}^{(20)})^2m_{140}^{(20)}+4m_{000}^{(10)}(m_{001}^{(20)})^2m_{131}^{(10)}-8m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{320}^{(21)}\\
&+4m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{311}^{(11)}+8m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{230}^{(20)}-4m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(21)}m_{131}^{(00)}\\
&+2m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(22)}m_{320}^{(11)}-4m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(22)}m_{230}^{(10)}+2m_{000}^{(10)}m_{001}^{(20)}m_{001}^{(22)}m_{140}^{(00)}\\
&+4m_{000}^{(10)}(m_{001}^{(21)})^2m_{410}^{(21)}-4m_{000}^{(10)}(m_{001}^{(21)})^2m_{320}^{(20)}-4m_{000}^{(10)}(m_{001}^{(21)})^2m_{311}^{(10)}\\
&+4m_{000}^{(10)}(m_{001}^{(21)})^2m_{221}^{(00)}-2m_{000}^{(10)}m_{001}^{(21)}m_{001}^{(22)}m_{410}^{(11)}+4m_{000}^{(10)}m_{001}^{(21)}m_{001}^{(22)}m_{320}^{(10)}\\
&-2m_{000}^{(10)}m_{001}^{(21)}m_{001}^{(22)}m_{230}^{(00)}-m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(10)}m_{023}^{(22)}+2m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(10)}m_{014}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(10)}m_{005}^{(11)}+m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(20)}m_{032}^{(22)}-2m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(20)}m_{023}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(20)}m_{014}^{(11)}+m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(21)}m_{122}^{(22)}-2m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(21)}m_{113}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(21)}m_{104}^{(11)}-m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(22)}m_{131}^{(22)}+2m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(22)}m_{122}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{100}^{(22)}m_{113}^{(11)}+m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(00)}m_{023}^{(22)}-2m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(00)}m_{014}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(00)}m_{005}^{(11)}-2m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(20)}m_{122}^{(22)}+4m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(20)}m_{113}^{(21)}\\
&-2m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(20)}m_{104}^{(11)}+m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(22)}m_{221}^{(22)}-2m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(22)}m_{212}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{010}^{(22)}m_{203}^{(11)}-m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(00)}m_{032}^{(22)}+2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(00)}m_{023}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(00)}m_{014}^{(11)}+m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(10)}m_{122}^{(22)}-2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(10)}m_{113}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(10)}m_{104}^{(11)}+m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(20)}m_{131}^{(22)}-2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(20)}m_{122}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(20)}m_{113}^{(11)}-m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(21)}m_{221}^{(22)}+2m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(21)}m_{212}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(00)}m_{001}^{(21)}m_{203}^{(11)}+2m_{000}^{(11)}(m_{100}^{(10)})^2m_{113}^{(22)}-2m_{000}^{(11)}(m_{100}^{(10)})^2m_{104}^{(21)}\\
&-2m_{000}^{(11)}(m_{100}^{(10)})^2m_{014}^{(20)}+2m_{000}^{(11)}(m_{100}^{(10)})^2m_{005}^{(10)}-m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(11)}m_{203}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(11)}m_{104}^{(20)}-m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(11)}m_{005}^{(00)}-2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(20)}m_{122}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(20)}m_{104}^{(11)}+4m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(20)}m_{023}^{(20)}-4m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(20)}m_{014}^{(10)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(21)}m_{212}^{(22)}+4m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(21)}m_{203}^{(21)}-4m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(21)}m_{104}^{(10)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(21)}m_{014}^{(00)}+2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{221}^{(22)}-2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{212}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{203}^{(11)}-2m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{122}^{(20)}+4m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{113}^{(10)}\\
&-m_{000}^{(11)}m_{100}^{(10)}m_{100}^{(22)}m_{023}^{(00)}-2m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(00)}m_{113}^{(22)}+2m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(00)}m_{104}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(00)}m_{014}^{(20)}-2m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(00)}m_{005}^{(10)}+4m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(20)}m_{212}^{(22)}\\
&-4m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(20)}m_{203}^{(21)}-4m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(20)}m_{113}^{(20)}+4m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(20)}m_{104}^{(10)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(22)}m_{311}^{(22)}+2m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(22)}m_{302}^{(21)}+2m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(22)}m_{212}^{(20)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{010}^{(22)}m_{203}^{(10)}+3m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(00)}m_{122}^{(22)}-4m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(00)}m_{113}^{(21)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(00)}m_{104}^{(11)}-2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(00)}m_{023}^{(20)}+2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(00)}m_{014}^{(10)}\\
&-4m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(10)}m_{212}^{(22)}+4m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(10)}m_{203}^{(21)}+4m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(10)}m_{113}^{(20)}\\
&-4m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(10)}m_{104}^{(10)}+m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(11)}m_{302}^{(22)}-2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(11)}m_{203}^{(20)}\\
&+m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(11)}m_{104}^{(00)}-2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{221}^{(22)}+4m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{212}^{(21)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(20)}m_{203}^{(11)}+2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(21)}m_{311}^{(22)}-4m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(21)}m_{302}^{(21)}\\
&+4m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(21)}m_{203}^{(10)}-2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(21)}m_{113}^{(00)}+m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(22)}m_{302}^{(11)}\\
&-2m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(22)}m_{212}^{(10)}+m_{000}^{(11)}m_{100}^{(10)}m_{001}^{(22)}m_{122}^{(00)}+m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(20)}m_{212}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(20)}m_{113}^{(20)}+m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(20)}m_{014}^{(00)}+m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(21)}m_{302}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(21)}m_{203}^{(20)}+m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(21)}m_{104}^{(00)}-m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(22)}m_{311}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(22)}m_{212}^{(20)}-m_{000}^{(11)}m_{100}^{(11)}m_{100}^{(22)}m_{113}^{(00)}+m_{000}^{(11)}m_{100}^{(11)}m_{010}^{(00)}m_{203}^{(22)}
\end{aligned}
$$

$$-2m_{000}^{(11)}m_{100}^{(11)}m_{010}^{(00)}m_{104}^{(20)}+m_{000}^{(11)}m_{100}^{(11)}m_{010}^{(00)}m_{005}^{(00)}-2m_{000}^{(11)}m_{100}^{(11)}m_{010}^{(20)}m_{302}^{(22)}$$
$$+4m_{000}^{(11)}m_{100}^{(11)}m_{010}^{(20)}m_{203}^{(20)}-2m_{000}^{(11)}m_{100}^{(11)}m_{010}^{(20)}m_{104}^{(00)}+m_{000}^{(11)}m_{100}^{(11)}m_{010}^{(22)}m_{401}^{(22)}$$
$$-2m_{000}^{(11)}m_{100}^{(11)}m_{010}^{(22)}m_{302}^{(20)}+m_{000}^{(11)}m_{100}^{(11)}m_{010}^{(22)}m_{203}^{(00)}-m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(00)}m_{212}^{(22)}$$
$$+2m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(00)}m_{113}^{(20)}-m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(00)}m_{014}^{(00)}+m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(10)}m_{302}^{(22)}$$
$$-2m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(10)}m_{203}^{(20)}+m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(10)}m_{104}^{(00)}+m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(20)}m_{311}^{(22)}$$
$$-2m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(20)}m_{212}^{(20)}+m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(20)}m_{113}^{(00)}-m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(21)}m_{401}^{(22)}$$
$$+2m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(21)}m_{302}^{(20)}-m_{000}^{(11)}m_{100}^{(11)}m_{001}^{(21)}m_{203}^{(00)}+2m_{000}^{(11)}(m_{100}^{(20)})^2m_{122}^{(21)}$$
$$-2m_{000}^{(11)}(m_{100}^{(20)})^2m_{113}^{(11)}-2m_{000}^{(11)}(m_{100}^{(20)})^2m_{032}^{(20)}+2m_{000}^{(11)}(m_{100}^{(20)})^2m_{023}^{(10)}$$
$$-2m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{203}^{(11)}+4m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{113}^{(10)}-2m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(21)}m_{023}^{(00)}$$
$$-2m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{221}^{(21)}+3m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{212}^{(11)}+2m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{131}^{(20)}$$
$$-4m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{122}^{(10)}+m_{000}^{(11)}m_{100}^{(20)}m_{100}^{(22)}m_{032}^{(00)}+2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(00)}m_{113}^{(21)}$$
$$-2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(00)}m_{104}^{(11)}-2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(00)}m_{023}^{(20)}+2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(00)}m_{014}^{(10)}$$
$$-4m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{212}^{(21)}+4m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{203}^{(11)}+4m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{122}^{(20)}$$
$$-4m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(20)}m_{113}^{(10)}+2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{311}^{(21)}-2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{302}^{(11)}$$
$$-2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{221}^{(20)}+2m_{000}^{(11)}m_{100}^{(20)}m_{010}^{(22)}m_{212}^{(10)}-m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(00)}m_{131}^{(22)}$$
$$+m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(00)}m_{113}^{(11)}+2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(00)}m_{032}^{(20)}-2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(00)}m_{023}^{(10)}$$
$$+2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{221}^{(22)}-2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{203}^{(11)}-4m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{122}^{(20)}$$
$$+4m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(10)}m_{113}^{(10)}-m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{311}^{(22)}+2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{212}^{(20)}$$
$$-m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(11)}m_{113}^{(00)}+2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{302}^{(11)}-4m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{212}^{(10)}$$
$$+2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(21)}m_{122}^{(00)}-m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{311}^{(11)}+2m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{221}^{(10)}$$
$$-m_{000}^{(11)}m_{100}^{(20)}m_{001}^{(22)}m_{131}^{(00)}-2m_{000}^{(11)}(m_{100}^{(21)})^2m_{302}^{(21)}+2m_{000}^{(11)}(m_{100}^{(21)})^2m_{212}^{(20)}$$
$$+2m_{000}^{(11)}(m_{100}^{(21)})^2m_{203}^{(10)}-2m_{000}^{(11)}(m_{100}^{(21)})^2m_{113}^{(00)}+2m_{000}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{311}^{(21)}$$
$$+m_{000}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{302}^{(11)}-2m_{000}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{221}^{(20)}-4m_{000}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{212}^{(10)}$$
$$+3m_{000}^{(11)}m_{100}^{(21)}m_{100}^{(22)}m_{122}^{(00)}-2m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(00)}m_{203}^{(21)}+2m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(00)}m_{113}^{(20)}$$
$$+2m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(00)}m_{104}^{(10)}-2m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(00)}m_{014}^{(00)}+4m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{302}^{(21)}$$
$$-4m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{212}^{(20)}-4m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{203}^{(10)}+4m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(20)}m_{113}^{(00)}$$
$$-2m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(22)}m_{401}^{(21)}+2m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(22)}m_{311}^{(20)}+2m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(22)}m_{302}^{(10)}$$
$$-2m_{000}^{(11)}m_{100}^{(21)}m_{010}^{(22)}m_{212}^{(00)}-m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{221}^{(22)}+4m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{212}^{(21)}$$
$$-m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{203}^{(11)}-2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{122}^{(20)}-2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{113}^{(10)}$$
$$+2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(00)}m_{023}^{(00)}+2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{311}^{(22)}-4m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{302}^{(21)}$$
$$+4m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{203}^{(10)}-2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(10)}m_{113}^{(00)}-m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(11)}m_{401}^{(22)}$$
$$+2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(11)}m_{302}^{(20)}-m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(11)}m_{203}^{(00)}-4m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{311}^{(21)}$$
$$+2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{302}^{(11)}+4m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{221}^{(20)}-2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(20)}m_{122}^{(00)}$$
$$+4m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(21)}m_{401}^{(21)}-4m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(21)}m_{311}^{(20)}-4m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(21)}m_{302}^{(10)}$$
$$+4m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(21)}m_{212}^{(00)}-m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{401}^{(11)}+2m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{311}^{(10)}$$
$$-m_{000}^{(11)}m_{100}^{(21)}m_{001}^{(22)}m_{221}^{(00)}-m_{000}^{(11)}(m_{100}^{(22)})^2m_{311}^{(11)}+2m_{000}^{(11)}(m_{100}^{(22)})^2m_{221}^{(10)}$$
$$-m_{000}^{(11)}(m_{100}^{(22)})^2m_{131}^{(00)}+m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{203}^{(11)}-2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{113}^{(10)}$$
$$+m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(00)}m_{023}^{(00)}-2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{302}^{(11)}+4m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{212}^{(10)}$$

$$
\begin{aligned}
&-2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(20)}m_{122}^{(00)} + m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(22)}m_{401}^{(11)} - 2m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(22)}m_{311}^{(10)}\\
&+m_{000}^{(11)}m_{100}^{(22)}m_{010}^{(22)}m_{221}^{(00)} + m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(00)}m_{230}^{(22)} - 2m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(00)}m_{221}^{(21)}\\
&+2m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(00)}m_{122}^{(10)} - m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(00)}m_{032}^{(00)} - 2m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(10)}m_{320}^{(22)}\\
&+2m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(10)}m_{311}^{(21)} + m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(10)}m_{302}^{(11)} + 2m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(10)}m_{221}^{(20)}\\
&-4m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(10)}m_{212}^{(10)} + m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(10)}m_{122}^{(00)} + m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(11)}m_{410}^{(22)}\\
&-2m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(11)}m_{311}^{(20)} + m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(11)}m_{212}^{(00)} + 2m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(20)}m_{320}^{(21)}\\
&-m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(20)}m_{311}^{(11)} - 2m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(20)}m_{230}^{(20)} + m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(20)}m_{131}^{(00)}\\
&-2m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(21)}m_{410}^{(21)} - m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(21)}m_{401}^{(11)} + 2m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(21)}m_{320}^{(20)}\\
&+4m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(21)}m_{311}^{(10)} - 3m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(21)}m_{221}^{(00)} + m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(22)}m_{410}^{(11)}\\
&-2m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(22)}m_{320}^{(10)} + m_{000}^{(11)}m_{100}^{(22)}m_{001}^{(22)}m_{230}^{(00)} - m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(00)}m_{122}^{(22)}\\
&+2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(00)}m_{113}^{(21)} - m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(00)}m_{104}^{(11)} + 2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(10)}m_{212}^{(22)}\\
&-2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(10)}m_{203}^{(21)} - 2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(10)}m_{113}^{(20)} + 2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(10)}m_{104}^{(10)}\\
&-m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(11)}m_{302}^{(22)} + 2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(11)}m_{203}^{(20)} - m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(11)}m_{104}^{(00)}\\
&-2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{212}^{(21)} + 2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{203}^{(11)} + 2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{122}^{(20)}\\
&-2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(20)}m_{113}^{(10)} + 2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(21)}m_{302}^{(21)} - 2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(21)}m_{212}^{(20)}\\
&-2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(21)}m_{203}^{(10)} + 2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(21)}m_{113}^{(00)} - m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(22)}m_{302}^{(11)}\\
&+2m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(22)}m_{212}^{(10)} - m_{000}^{(11)}m_{010}^{(00)}m_{001}^{(22)}m_{122}^{(00)} + 2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{221}^{(22)}\\
&-4m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{212}^{(21)} + 2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(00)}m_{203}^{(11)} - 4m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{311}^{(22)}\\
&+4m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{302}^{(21)} + 4m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{212}^{(20)} - 4m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(10)}m_{203}^{(10)}\\
&+2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(11)}m_{401}^{(22)} - 4m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(11)}m_{302}^{(20)} + 2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(11)}m_{203}^{(00)}\\
&+4m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{311}^{(21)} - 4m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{302}^{(11)} - 4m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{221}^{(20)}\\
&+4m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(20)}m_{212}^{(10)} - 4m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{401}^{(21)} + 4m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{311}^{(20)}\\
&+4m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{302}^{(10)} - 4m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(21)}m_{212}^{(00)} + 2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{401}^{(11)}\\
&-4m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{311}^{(10)} + 2m_{000}^{(11)}m_{010}^{(20)}m_{001}^{(22)}m_{221}^{(00)} - m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{320}^{(22)}\\
&+2m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{311}^{(21)} - m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(00)}m_{302}^{(11)} + 2m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(10)}m_{410}^{(22)}\\
&-2m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(10)}m_{401}^{(21)} - 2m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(10)}m_{311}^{(20)} + 2m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(10)}m_{302}^{(10)}\\
&-m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(11)}m_{500}^{(22)} + 2m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(11)}m_{401}^{(20)} - m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(11)}m_{302}^{(00)}\\
&-2m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{410}^{(21)} + 2m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{401}^{(11)} + 2m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{320}^{(20)}\\
&-2m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(20)}m_{311}^{(10)} + 2m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(21)}m_{500}^{(21)} - 2m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(21)}m_{410}^{(20)}\\
&-2m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(21)}m_{401}^{(10)} + 2m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(21)}m_{311}^{(00)} - m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(22)}m_{500}^{(11)}\\
&+2m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(22)}m_{410}^{(10)} - m_{000}^{(11)}m_{010}^{(22)}m_{001}^{(22)}m_{320}^{(00)} + m_{000}^{(11)}(m_{001}^{(00)})^2m_{131}^{(22)}\\
&-2m_{000}^{(11)}(m_{001}^{(00)})^2m_{122}^{(21)} + m_{000}^{(11)}(m_{001}^{(00)})^2m_{113}^{(11)} - 3m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{221}^{(22)}\\
&+4m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{212}^{(21)} - m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{203}^{(11)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{122}^{(20)}\\
&-2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(10)}m_{113}^{(10)} + m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{311}^{(22)} - 2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{212}^{(20)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(11)}m_{113}^{(00)} - m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{230}^{(22)} + 4m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{221}^{(21)}\\
&-3m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{212}^{(11)} - 2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{131}^{(20)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(20)}m_{122}^{(10)}\\
&+m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{320}^{(22)} - 4m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{311}^{(21)} + m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{302}^{(11)}\\
&+2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{221}^{(20)} + 2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{212}^{(10)} - 2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(21)}m_{122}^{(00)}
\end{aligned}
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$$+m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{311}^{(11)} - 2m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{221}^{(10)} + m_{000}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{131}^{(00)}$$
$$+2m_{000}^{(11)}(m_{001}^{(10)})^2m_{311}^{(22)} - 2m_{000}^{(11)}(m_{001}^{(10)})^2m_{302}^{(21)} - 2m_{000}^{(11)}(m_{001}^{(10)})^2m_{212}^{(20)}$$
$$+2m_{000}^{(11)}(m_{001}^{(10)})^2m_{203}^{(10)} - m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(11)}m_{401}^{(22)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(11)}m_{302}^{(20)}$$
$$-m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(11)}m_{203}^{(00)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{320}^{(22)} - 4m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{311}^{(21)}$$
$$+2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(20)}m_{302}^{(11)} - 2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{410}^{(22)} + 4m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{401}^{(21)}$$
$$-4m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{302}^{(10)} + 2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(21)}m_{212}^{(00)} - m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{401}^{(11)}$$
$$+2m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{311}^{(10)} - m_{000}^{(11)}m_{001}^{(10)}m_{001}^{(22)}m_{221}^{(00)} - m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{410}^{(22)}$$
$$+2m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{311}^{(20)} - m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(20)}m_{212}^{(00)} + m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(21)}m_{500}^{(22)}$$
$$-2m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(21)}m_{401}^{(20)} + m_{000}^{(11)}m_{001}^{(11)}m_{001}^{(21)}m_{302}^{(00)} - 2m_{000}^{(11)}(m_{001}^{(20)})^2m_{320}^{(21)}$$
$$+2m_{000}^{(11)}(m_{001}^{(20)})^2m_{311}^{(11)} + 2m_{000}^{(11)}(m_{001}^{(20)})^2m_{230}^{(20)} - 2m_{000}^{(11)}(m_{001}^{(20)})^2m_{221}^{(10)}$$
$$+4m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{410}^{(21)} - 2m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{401}^{(11)} - 4m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{320}^{(20)}$$
$$+2m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(21)}m_{221}^{(00)} - m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(22)}m_{410}^{(11)} + 2m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(22)}m_{320}^{(10)}$$
$$-m_{000}^{(11)}m_{001}^{(20)}m_{001}^{(22)}m_{230}^{(00)} - 2m_{000}^{(11)}(m_{001}^{(21)})^2m_{500}^{(21)} + 2m_{000}^{(11)}(m_{001}^{(21)})^2m_{410}^{(20)}$$
$$+2m_{000}^{(11)}(m_{001}^{(21)})^2m_{401}^{(10)} - 2m_{000}^{(11)}(m_{001}^{(21)})^2m_{311}^{(00)} + m_{000}^{(11)}m_{001}^{(21)}m_{001}^{(22)}m_{500}^{(11)}$$
$$-2m_{000}^{(11)}m_{001}^{(21)}m_{001}^{(22)}m_{410}^{(10)} + m_{000}^{(11)}m_{001}^{(21)}m_{001}^{(22)}m_{320}^{(00)} - m_{000}^{(20)}m_{100}^{(00)}m_{100}^{(11)}m_{032}^{(22)}$$
$$+2m_{000}^{(20)}m_{100}^{(00)}m_{100}^{(11)}m_{023}^{(21)} - m_{000}^{(20)}m_{100}^{(00)}m_{100}^{(11)}m_{014}^{(11)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{100}^{(21)}m_{041}^{(22)}$$
$$-4m_{000}^{(20)}m_{100}^{(00)}m_{100}^{(21)}m_{032}^{(21)} + 2m_{000}^{(20)}m_{100}^{(00)}m_{100}^{(21)}m_{023}^{(11)} - m_{000}^{(20)}m_{100}^{(00)}m_{100}^{(22)}m_{050}^{(22)}$$
$$+2m_{000}^{(20)}m_{100}^{(00)}m_{100}^{(22)}m_{041}^{(21)} - m_{000}^{(20)}m_{100}^{(00)}m_{100}^{(22)}m_{032}^{(11)} + m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(10)}m_{032}^{(22)}$$
$$-2m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(10)}m_{023}^{(21)} + m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(10)}m_{014}^{(11)} - m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(20)}m_{041}^{(22)}$$
$$+2m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(20)}m_{032}^{(21)} - m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(20)}m_{023}^{(11)} - m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(21)}m_{131}^{(22)}$$
$$+2m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(21)}m_{122}^{(21)} - m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(21)}m_{113}^{(11)} + m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(22)}m_{140}^{(22)}$$
$$-2m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(22)}m_{131}^{(21)} + m_{000}^{(20)}m_{100}^{(00)}m_{010}^{(22)}m_{122}^{(11)} - m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(10)}m_{041}^{(22)}$$
$$+2m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(10)}m_{032}^{(21)} - m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(10)}m_{023}^{(11)} + m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(11)}m_{131}^{(22)}$$
$$-2m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(11)}m_{122}^{(21)} + m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(11)}m_{113}^{(11)} + m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(20)}m_{050}^{(22)}$$
$$-2m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(20)}m_{041}^{(21)} + m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(20)}m_{032}^{(11)} - m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(21)}m_{140}^{(22)}$$
$$+2m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(21)}m_{131}^{(21)} - m_{000}^{(20)}m_{100}^{(00)}m_{001}^{(21)}m_{122}^{(11)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(11)}m_{122}^{(22)}$$
$$-2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(11)}m_{113}^{(21)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(11)}m_{023}^{(20)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(11)}m_{014}^{(10)}$$
$$-4m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(21)}m_{131}^{(22)} + 4m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(21)}m_{122}^{(21)} + 4m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(21)}m_{032}^{(20)}$$
$$-4m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(21)}m_{023}^{(10)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(22)}m_{140}^{(22)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(22)}m_{131}^{(21)}$$
$$-2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(22)}m_{041}^{(20)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{100}^{(22)}m_{032}^{(10)} - m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(00)}m_{032}^{(22)}$$
$$+2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(00)}m_{023}^{(21)} - m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(00)}m_{014}^{(11)} - m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(11)}m_{212}^{(22)}$$
$$+2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(11)}m_{113}^{(20)} - m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(11)}m_{014}^{(00)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(20)}m_{131}^{(22)}$$
$$-4m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(20)}m_{122}^{(21)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(20)}m_{113}^{(11)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{221}^{(22)}$$
$$-4m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{122}^{(20)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(21)}m_{023}^{(00)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(22)}m_{230}^{(22)}$$
$$+2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(22)}m_{221}^{(21)} - m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(22)}m_{212}^{(11)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(22)}m_{131}^{(20)}$$
$$-m_{000}^{(20)}m_{100}^{(10)}m_{010}^{(22)}m_{032}^{(00)} + m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(00)}m_{041}^{(22)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(00)}m_{032}^{(21)}$$
$$+m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(00)}m_{023}^{(11)} - m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(11)}m_{221}^{(22)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(11)}m_{212}^{(21)}$$
$$-2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(11)}m_{113}^{(10)} + m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(11)}m_{023}^{(00)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(20)}m_{140}^{(22)}$$

$$+4m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(20)}m_{131}^{(21)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(20)}m_{122}^{(11)} + 2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(21)}m_{230}^{(22)}$$
$$-4m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(21)}m_{221}^{(21)} + 4m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(21)}m_{122}^{(10)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(21)}m_{032}^{(00)}$$
$$+m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(22)}m_{221}^{(11)} - 2m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(22)}m_{131}^{(10)} + m_{000}^{(20)}m_{100}^{(10)}m_{001}^{(22)}m_{041}^{(00)}$$
$$-m_{000}^{(20)}(m_{100}^{(11)})^2m_{212}^{(22)} + 2m_{000}^{(20)}(m_{100}^{(11)})^2m_{113}^{(20)} - m_{000}^{(20)}(m_{100}^{(11)})^2m_{014}^{(00)}$$
$$-2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(20)}m_{122}^{(21)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(20)}m_{113}^{(11)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(20)}m_{032}^{(20)}$$
$$-2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(20)}m_{023}^{(10)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(21)}m_{221}^{(22)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(21)}m_{212}^{(21)}$$
$$-6m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(21)}m_{122}^{(20)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(21)}m_{113}^{(10)} + 4m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(21)}m_{023}^{(00)}$$
$$-m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(22)}m_{230}^{(22)} - m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(22)}m_{212}^{(11)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(22)}m_{131}^{(20)}$$
$$+2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(22)}m_{122}^{(10)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(22)}m_{032}^{(00)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{100}^{(00)}m_{010}^{(22)}$$
$$-4m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(00)}m_{113}^{(21)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(00)}m_{104}^{(11)} - 3m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(10)}m_{212}^{(22)}$$
$$+4m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(10)}m_{203}^{(21)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(10)}m_{113}^{(20)} - 4m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(10)}m_{104}^{(10)}$$
$$+m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(10)}m_{014}^{(00)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(11)}m_{302}^{(22)} - 4m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(11)}m_{203}^{(20)}$$
$$+2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(11)}m_{104}^{(00)} - m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(20)}m_{221}^{(22)} + 4m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(20)}m_{212}^{(21)}$$
$$-4m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(20)}m_{203}^{(11)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(20)}m_{122}^{(20)} + 4m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(20)}m_{113}^{(10)}$$
$$-m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(20)}m_{023}^{(00)} - m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(21)}m_{311}^{(22)} - 4m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(21)}m_{302}^{(21)}$$
$$+6m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(21)}m_{212}^{(20)} + 4m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(21)}m_{203}^{(10)} - 5m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(21)}m_{113}^{(00)}$$
$$+m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(22)}m_{320}^{(22)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(22)}m_{302}^{(11)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(22)}m_{221}^{(20)}$$
$$-4m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(22)}m_{212}^{(10)} + 3m_{000}^{(20)}m_{100}^{(11)}m_{010}^{(22)}m_{122}^{(00)} - m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(00)}m_{001}^{(22)}m_{131}^{(22)}$$
$$+2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(00)}m_{122}^{(21)} - m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(00)}m_{113}^{(11)} + m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(10)}m_{221}^{(22)}$$
$$-2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(10)}m_{212}^{(21)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(10)}m_{113}^{(10)} - m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(10)}m_{023}^{(00)}$$
$$+m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(20)}m_{230}^{(22)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(20)}m_{221}^{(21)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(20)}m_{212}^{(11)}$$
$$-2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(20)}m_{122}^{(10)} + m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(20)}m_{032}^{(00)} - m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(21)}m_{320}^{(22)}$$
$$+2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(21)}m_{311}^{(21)} - 2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(21)}m_{212}^{(10)} + m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(21)}m_{122}^{(00)}$$
$$-m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(22)}m_{311}^{(11)} + 2m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(22)}m_{221}^{(10)} - m_{000}^{(20)}m_{100}^{(11)}m_{001}^{(22)}m_{131}^{(00)}$$
$$+4m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(21)}m_{131}^{(21)} - 4m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(21)}m_{122}^{(11)} - 4m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(21)}m_{041}^{(20)}$$
$$+4m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(21)}m_{032}^{(10)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(22)}m_{140}^{(21)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(22)}m_{131}^{(11)}$$
$$+2m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(22)}m_{050}^{(20)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{100}^{(22)}m_{041}^{(10)} + m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(00)}m_{041}^{(22)}$$
$$-2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(00)}m_{032}^{(21)} + m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(00)}m_{023}^{(11)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(10)}m_{131}^{(22)}$$
$$+4m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(10)}m_{122}^{(21)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(10)}m_{113}^{(11)} + m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{221}^{(22)}$$
$$-2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{122}^{(20)} + m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(11)}m_{023}^{(00)} - 4m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{221}^{(21)}$$
$$+2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{212}^{(11)} + 4m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{131}^{(20)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(21)}m_{032}^{(00)}$$
$$+2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(22)}m_{230}^{(21)} - m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(22)}m_{221}^{(11)} - 2m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(22)}m_{140}^{(20)}$$
$$+m_{000}^{(20)}m_{100}^{(20)}m_{010}^{(22)}m_{041}^{(00)} - m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(00)}m_{050}^{(22)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(00)}m_{041}^{(21)}$$
$$-m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(00)}m_{032}^{(11)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(10)}m_{140}^{(22)} - 4m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(10)}m_{131}^{(21)}$$
$$+2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(10)}m_{122}^{(11)} - m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(11)}m_{230}^{(22)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(11)}m_{221}^{(21)}$$
$$-2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(11)}m_{212}^{(11)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(11)}m_{122}^{(10)} - m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(11)}m_{032}^{(00)}$$
$$+2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(21)}m_{221}^{(11)} - 4m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(21)}m_{131}^{(10)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(21)}m_{041}^{(00)}$$
$$-m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(22)}m_{230}^{(11)} + 2m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(22)}m_{140}^{(10)} - m_{000}^{(20)}m_{100}^{(20)}m_{001}^{(22)}m_{050}^{(00)}$$

$$
\begin{aligned}
&-4m_{000}^{(20)}(m_{100}^{(21)})^2m_{221}^{(21)} + 4m_{000}^{(20)}(m_{100}^{(21)})^2m_{131}^{(20)} + 4m_{000}^{(20)}(m_{100}^{(21)})^2m_{122}^{(10)}\\
&-4m_{000}^{(20)}(m_{100}^{(21)})^2m_{032}^{(00)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{100}^{(22)}m_{230}^{(21)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{100}^{(22)}m_{221}^{(11)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{100}^{(22)}m_{140}^{(20)} - 6m_{000}^{(20)}m_{100}^{(21)}m_{100}^{(22)}m_{131}^{(10)} + 4m_{000}^{(20)}m_{100}^{(21)}m_{100}^{(22)}m_{041}^{(00)}\\
&-3m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(00)}m_{131}^{(22)} + 6m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(00)}m_{122}^{(21)} - 3m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(00)}m_{113}^{(11)}\\
&+6m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{221}^{(22)} - 8m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{212}^{(21)} - 4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{122}^{(20)}\\
&+8m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{113}^{(10)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(10)}m_{023}^{(00)} - 3m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{311}^{(22)}\\
&+6m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{212}^{(20)} - 3m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(11)}m_{113}^{(00)} - 4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{221}^{(21)}\\
&+6m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{212}^{(11)} + 4m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{131}^{(20)} - 8m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{122}^{(10)}\\
&+2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(20)}m_{032}^{(00)} + 8m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{311}^{(21)} - 8m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{221}^{(20)}\\
&-8m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{212}^{(10)} + 8m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(21)}m_{122}^{(00)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(22)}m_{320}^{(21)}\\
&-3m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(22)}m_{311}^{(11)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(22)}m_{230}^{(20)} + 8m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(22)}m_{221}^{(10)}\\
&-5m_{000}^{(20)}m_{100}^{(21)}m_{010}^{(22)}m_{131}^{(00)} + m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(00)}m_{140}^{(22)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(00)}m_{131}^{(21)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(00)}m_{122}^{(11)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{230}^{(22)} + 4m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{221}^{(21)}\\
&-4m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{122}^{(10)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(10)}m_{032}^{(00)} + m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(11)}m_{320}^{(22)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(11)}m_{311}^{(21)} + 2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(11)}m_{212}^{(10)} - m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(11)}m_{122}^{(00)}\\
&-2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(20)}m_{221}^{(11)} + 4m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(20)}m_{131}^{(10)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(20)}m_{041}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(22)}m_{320}^{(11)} - 2m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(22)}m_{230}^{(10)} + m_{000}^{(20)}m_{100}^{(21)}m_{001}^{(22)}m_{140}^{(00)}\\
&-m_{000}^{(20)}(m_{100}^{(22)})^2m_{230}^{(11)} + 2m_{000}^{(20)}(m_{100}^{(22)})^2m_{140}^{(10)} - m_{000}^{(20)}(m_{100}^{(22)})^2m_{050}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(00)}m_{140}^{(22)} - 2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(00)}m_{131}^{(21)} + m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(00)}m_{122}^{(11)}\\
&-2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{230}^{(22)} + 2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{221}^{(21)} + m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{212}^{(11)}\\
&+2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{131}^{(20)} - 4m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{122}^{(10)} + m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(10)}m_{032}^{(00)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{320}^{(22)} - 2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{221}^{(20)} + m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(11)}m_{122}^{(00)}\\
&+2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(20)}m_{230}^{(21)} - 3m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(20)}m_{221}^{(11)} - 2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(20)}m_{140}^{(20)}\\
&+4m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(20)}m_{131}^{(10)} - m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(20)}m_{041}^{(00)} - 2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(21)}m_{320}^{(21)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(21)}m_{311}^{(11)} + 2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(21)}m_{230}^{(20)} + 4m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(21)}m_{221}^{(10)}\\
&-3m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(21)}m_{131}^{(00)} + 2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(22)}m_{320}^{(11)} - 4m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(22)}m_{230}^{(10)}\\
&+2m_{000}^{(20)}m_{100}^{(22)}m_{010}^{(22)}m_{140}^{(00)} - m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(10)}m_{221}^{(11)} + 2m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(10)}m_{131}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(10)}m_{041}^{(00)} + m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(11)}m_{311}^{(11)} - 2m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(11)}m_{221}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(11)}m_{131}^{(00)} + m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(20)}m_{230}^{(11)} - 2m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(20)}m_{140}^{(10)}\\
&+m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(20)}m_{050}^{(00)} - m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(21)}m_{320}^{(11)} + 2m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(21)}m_{230}^{(10)}\\
&-m_{000}^{(20)}m_{100}^{(22)}m_{001}^{(21)}m_{140}^{(00)} + m_{000}^{(20)}(m_{010}^{(00)})^2m_{032}^{(22)} - 2m_{000}^{(20)}(m_{010}^{(00)})^2m_{023}^{(21)}\\
&+m_{000}^{(20)}(m_{010}^{(00)})^2m_{014}^{(11)} - 4m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(10)}m_{122}^{(22)} + 6m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(10)}m_{113}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(10)}m_{104}^{(11)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(10)}m_{023}^{(20)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(10)}m_{014}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(11)}m_{212}^{(22)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(11)}m_{113}^{(20)} + m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(11)}m_{014}^{(00)}\\
&+2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(20)}m_{122}^{(21)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(20)}m_{113}^{(11)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(20)}m_{032}^{(20)}\\
&+2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(20)}m_{023}^{(10)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{221}^{(22)} - 6m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{212}^{(21)}\\
&+2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{203}^{(11)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{122}^{(20)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{113}^{(10)}\\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(21)}m_{023}^{(00)} - m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(22)}m_{230}^{(22)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(22)}m_{221}^{(21)}
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&-2m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(22)}m_{122}^{(10)} + m_{000}^{(20)}m_{010}^{(00)}m_{010}^{(22)}m_{032}^{(00)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(00)}m_{041}^{(22)}\\
&+4m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(00)}m_{032}^{(21)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(00)}m_{023}^{(11)} + 5m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(10)}m_{131}^{(22)}\\
&-8m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(10)}m_{122}^{(21)} + 3m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(10)}m_{113}^{(11)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(10)}m_{032}^{(20)}\\
&+2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(10)}m_{023}^{(10)} - 3m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(11)}m_{221}^{(22)} + 4m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(11)}m_{212}^{(21)}\\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(11)}m_{203}^{(11)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(11)}m_{122}^{(20)} - m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(11)}m_{023}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(20)}m_{140}^{(22)} + m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(20)}m_{122}^{(11)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(20)}m_{041}^{(20)}\\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(20)}m_{032}^{(10)} + m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{230}^{(22)} + m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{212}^{(11)}\\
&-2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{131}^{(20)} - 2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{122}^{(10)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(21)}m_{032}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(22)}m_{221}^{(11)} + 2m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(22)}m_{131}^{(10)} - m_{000}^{(20)}m_{010}^{(00)}m_{001}^{(22)}m_{041}^{(00)}\\
&+4m_{000}^{(20)}(m_{010}^{(10)})^2m_{212}^{(22)} - 4m_{000}^{(20)}(m_{010}^{(10)})^2m_{203}^{(21)} - 4m_{000}^{(20)}(m_{010}^{(10)})^2m_{113}^{(20)}\\
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&+4m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{122}^{(20)} - 4m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(20)}m_{113}^{(10)} - 4m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{311}^{(22)}\\
&+8m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{302}^{(21)} - 8m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{203}^{(10)} + 4m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(21)}m_{113}^{(00)}\\
&+2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{320}^{(22)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{311}^{(21)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{302}^{(11)}\\
&-2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{221}^{(20)} + 6m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{212}^{(10)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{010}^{(22)}m_{122}^{(00)}\\
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&+8m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{212}^{(21)} + 8m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{122}^{(20)} - 8m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(10)}m_{113}^{(10)}\\
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&+4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{203}^{(10)} + m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(11)}m_{113}^{(00)} + 2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(20)}m_{230}^{(22)}\\
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&-2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{320}^{(22)} + 4m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{221}^{(20)} - 2m_{000}^{(20)}m_{010}^{(10)}m_{001}^{(21)}m_{122}^{(00)}\\
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&+2m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(21)}m_{401}^{(22)} - 4m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(21)}m_{302}^{(20)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(21)}m_{203}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{410}^{(22)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{311}^{(20)} - m_{000}^{(20)}m_{010}^{(11)}m_{010}^{(22)}m_{212}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{221}^{(22)} + 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{122}^{(20)} - m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(00)}m_{023}^{(00)}\\
&+3m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{311}^{(22)} - 6m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{212}^{(20)} + 3m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(10)}m_{113}^{(00)}\\
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&+m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{410}^{(22)} - 2m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{311}^{(20)} + m_{000}^{(20)}m_{010}^{(11)}m_{001}^{(21)}m_{212}^{(00)}\\
&+4m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{311}^{(21)} - 4m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{302}^{(11)} - 4m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{221}^{(20)}\\
&+4m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(21)}m_{212}^{(10)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(22)}m_{320}^{(21)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(22)}m_{311}^{(11)}\\
&+2m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(22)}m_{230}^{(20)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{010}^{(22)}m_{221}^{(10)} + m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(00)}m_{140}^{(22)}\\
&-4m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(00)}m_{131}^{(21)} + 3m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(00)}m_{122}^{(11)} + 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(00)}m_{041}^{(20)}\\
&-2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(00)}m_{032}^{(10)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{230}^{(22)} + 8m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{221}^{(21)}\\
&-6m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{212}^{(11)} - 4m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{131}^{(20)} + 4m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(10)}m_{122}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{320}^{(22)} - 4m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{311}^{(21)} + 4m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{302}^{(11)}
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&+2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{221}^{(20)} - 4m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{212}^{(10)} + m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(11)}m_{122}^{(00)}\\
&-2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(21)}m_{311}^{(11)} + 4m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(21)}m_{221}^{(10)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(21)}m_{131}^{(00)}\\
&+m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(22)}m_{320}^{(11)} - 2m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(22)}m_{230}^{(10)} + m_{000}^{(20)}m_{010}^{(20)}m_{001}^{(22)}m_{140}^{(00)}\\
&-4m_{000}^{(20)}(m_{010}^{(21)})^2m_{401}^{(21)} + 4m_{000}^{(20)}(m_{010}^{(21)})^2m_{311}^{(20)} + 4m_{000}^{(20)}(m_{010}^{(21)})^2m_{302}^{(10)}\\
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&-2m_{000}^{(20)}m_{010}^{(21)}m_{010}^{(22)}m_{320}^{(20)} - 6m_{000}^{(20)}m_{010}^{(21)}m_{010}^{(22)}m_{311}^{(10)} + 4m_{000}^{(20)}m_{010}^{(21)}m_{010}^{(22)}m_{221}^{(00)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{230}^{(22)} + 4m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{221}^{(21)} - m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{212}^{(11)}\\
&-2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{131}^{(20)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{122}^{(10)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(00)}m_{032}^{(00)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{320}^{(22)} - 8m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{311}^{(21)} + 4m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{221}^{(20)}\\
&+8m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{212}^{(10)} - 6m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(10)}m_{122}^{(00)} - m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{410}^{(22)}\\
&+4m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{401}^{(21)} - 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{311}^{(20)} - 4m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{302}^{(10)}\\
&+3m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(11)}m_{212}^{(00)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{311}^{(11)} - 4m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{221}^{(10)}\\
&+2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(20)}m_{131}^{(00)} - m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(22)}m_{410}^{(11)} + 2m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(22)}m_{320}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(21)}m_{001}^{(22)}m_{230}^{(00)} - m_{000}^{(20)}(m_{010}^{(22)})^2m_{410}^{(11)} + 2m_{000}^{(20)}(m_{010}^{(22)})^2m_{320}^{(10)}\\
&-m_{000}^{(20)}(m_{010}^{(22)})^2m_{230}^{(00)} - m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(00)}m_{221}^{(11)} + 2m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(00)}m_{131}^{(10)}\\
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&+3m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(10)}m_{131}^{(00)} - 2m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(11)}m_{401}^{(11)} + 4m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(11)}m_{311}^{(10)}\\
&-2m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(11)}m_{221}^{(00)} - m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(20)}m_{320}^{(11)} + 2m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(20)}m_{230}^{(10)}\\
&-m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(20)}m_{140}^{(00)} + m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(21)}m_{410}^{(11)} - 2m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(21)}m_{320}^{(10)}\\
&+m_{000}^{(20)}m_{010}^{(22)}m_{001}^{(21)}m_{230}^{(00)} + m_{000}^{(20)}(m_{001}^{(00)})^2m_{050}^{(22)} - 2m_{000}^{(20)}(m_{001}^{(00)})^2m_{041}^{(21)}\\
&+m_{000}^{(20)}(m_{001}^{(00)})^2m_{032}^{(11)} - 4m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{140}^{(22)} + 6m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{131}^{(21)}\\
&-2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{122}^{(11)} + 2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{041}^{(20)} - 2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(10)}m_{032}^{(10)}\\
&+2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{230}^{(22)} - 2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{221}^{(21)} + m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{212}^{(11)}\\
&-2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{131}^{(20)} + m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(11)}m_{032}^{(00)} + 2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(20)}m_{140}^{(21)}\\
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&-2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{230}^{(21)} + 2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{140}^{(20)} + 2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{131}^{(10)}\\
&-2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(21)}m_{041}^{(00)} + m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(22)}m_{230}^{(11)} - 2m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(22)}m_{140}^{(10)}\\
&+m_{000}^{(20)}m_{001}^{(00)}m_{001}^{(22)}m_{050}^{(00)} + 4m_{000}^{(20)}(m_{001}^{(10)})^2m_{230}^{(22)} - 4m_{000}^{(20)}(m_{001}^{(10)})^2m_{221}^{(21)}\\
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&+2m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{311}^{(21)} + 6m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{221}^{(20)} - 2m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(11)}m_{212}^{(10)}\\
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&+4m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{140}^{(20)} - 4m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(20)}m_{131}^{(10)} + 4m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{320}^{(21)}\\
&-4m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{230}^{(20)} - 4m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{221}^{(10)} + 4m_{000}^{(20)}m_{001}^{(10)}m_{001}^{(21)}m_{131}^{(00)}\\
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&+2m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(20)}m_{221}^{(10)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{410}^{(21)} + 2m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{320}^{(20)}\\
&+2m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{311}^{(10)} - 2m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(21)}m_{221}^{(00)} + m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(22)}m_{410}^{(11)}
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&-2m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(22)}m_{320}^{(10)} + m_{000}^{(20)}m_{001}^{(11)}m_{001}^{(22)}m_{230}^{(00)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(10)}m_{032}^{(22)}\\
&-4m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(10)}m_{023}^{(21)} + 2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(10)}m_{014}^{(11)} - m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(11)}m_{122}^{(22)}\\
&+2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(11)}m_{113}^{(21)} - m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(11)}m_{104}^{(11)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(20)}m_{041}^{(22)}\\
&+4m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(20)}m_{032}^{(21)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(20)}m_{023}^{(11)} + m_{000}^{(21)}m_{100}^{(00)}m_{100}^{(22)}m_{140}^{(22)}\\
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&+4m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(00)}m_{023}^{(21)} - 2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(00)}m_{014}^{(11)} + m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(10)}m_{122}^{(22)}\\
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&-6m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(20)}m_{122}^{(21)} + 3m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(20)}m_{113}^{(11)} - m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(21)}m_{221}^{(22)}\\
&+2m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(21)}m_{212}^{(21)} - m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(21)}m_{203}^{(11)} - m_{000}^{(21)}m_{100}^{(00)}m_{010}^{(22)}m_{230}^{(22)}\\
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&+6m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(10)}m_{122}^{(21)} - 3m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(10)}m_{113}^{(11)} + m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(11)}m_{221}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(11)}m_{212}^{(21)} + m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(11)}m_{203}^{(11)} - m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(20)}m_{140}^{(22)}\\
&+2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(20)}m_{131}^{(21)} - m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(20)}m_{122}^{(11)} + m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{230}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{221}^{(21)} + m_{000}^{(21)}m_{100}^{(00)}m_{001}^{(21)}m_{212}^{(11)} - 4m_{000}^{(21)}(m_{100}^{(10)})^2m_{122}^{(22)}\\
&+4m_{000}^{(21)}(m_{100}^{(10)})^2m_{113}^{(21)} + 4m_{000}^{(21)}(m_{100}^{(10)})^2m_{023}^{(20)} - 4m_{000}^{(21)}(m_{100}^{(10)})^2m_{014}^{(10)}\\
&+4m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(11)}m_{212}^{(22)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(11)}m_{203}^{(21)} - 6m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(11)}m_{113}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(11)}m_{104}^{(10)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(11)}m_{014}^{(00)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(20)}m_{131}^{(22)}\\
&-4m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(20)}m_{113}^{(11)} - 8m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(20)}m_{032}^{(20)} + 8m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(20)}m_{023}^{(10)}\\
&-4m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(21)}m_{212}^{(21)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(21)}m_{122}^{(20)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(21)}m_{113}^{(10)}\\
&-4m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(21)}m_{023}^{(00)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}m_{230}^{(22)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}m_{221}^{(21)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}m_{212}^{(11)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}m_{131}^{(20)} - 6m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}m_{122}^{(10)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{100}^{(22)}m_{032}^{(00)} + 3m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(00)}m_{122}^{(22)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(00)}m_{113}^{(21)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(00)}m_{104}^{(11)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(00)}m_{023}^{(20)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(00)}m_{014}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(11)}m_{302}^{(22)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(11)}m_{203}^{(20)} - m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(11)}m_{104}^{(00)}\\
&-6m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{221}^{(22)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{212}^{(21)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{203}^{(11)}\\
&+8m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{122}^{(20)} - 8m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(20)}m_{113}^{(10)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(21)}m_{311}^{(22)}\\
&-4m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(21)}m_{212}^{(20)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(21)}m_{113}^{(00)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(22)}m_{320}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(22)}m_{311}^{(21)} - m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(22)}m_{302}^{(11)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(22)}m_{221}^{(20)}\\
&+4m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(22)}m_{212}^{(10)} - m_{000}^{(21)}m_{100}^{(10)}m_{010}^{(22)}m_{122}^{(00)} - 5m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(00)}m_{131}^{(22)}\\
&+6m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(00)}m_{122}^{(21)} - m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(00)}m_{113}^{(11)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(00)}m_{032}^{(20)}\\
&-4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(00)}m_{023}^{(10)} + 8m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(10)}m_{221}^{(22)} - 8m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(10)}m_{212}^{(21)}\\
&-8m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(10)}m_{122}^{(20)} + 8m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(10)}m_{113}^{(10)} - 3m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(11)}m_{311}^{(22)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(11)}m_{302}^{(21)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(11)}m_{212}^{(20)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(11)}m_{203}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(11)}m_{113}^{(00)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{230}^{(22)} - 4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{221}^{(21)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(20)}m_{212}^{(11)} - 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{320}^{(22)} + 4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{311}^{(21)}\\
&-4m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{212}^{(10)} + 2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(21)}m_{122}^{(00)} - m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(22)}m_{311}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(22)}m_{221}^{(10)} - m_{000}^{(21)}m_{100}^{(10)}m_{001}^{(22)}m_{131}^{(00)} - m_{000}^{(21)}(m_{100}^{(11)})^2m_{302}^{(22)}
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\begin{aligned}
&+2m_{000}^{(21)}(m_{100}^{(11)})^2m_{203}^{(20)} - m_{000}^{(21)}(m_{100}^{(11)})^2m_{104}^{(00)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{221}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{212}^{(21)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{203}^{(11)} + 6m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{122}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{113}^{(10)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(20)}m_{023}^{(00)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(21)}m_{302}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(21)}m_{212}^{(20)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(21)}m_{203}^{(10)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(11)}m_{113}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(22)}m_{320}^{(22)} - m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(22)}m_{302}^{(11)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(22)}m_{221}^{(20)}\\
&+2m_{000}^{(21)}m_{100}^{(11)}m_{100}^{(22)}m_{212}^{(10)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(00)}m_{212}^{(22)} + 4m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(00)}m_{113}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(00)}m_{014}^{(00)} + m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(10)}m_{302}^{(22)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(10)}m_{203}^{(20)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(10)}m_{104}^{(00)} + 3m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(20)}m_{311}^{(22)} - 6m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(20)}m_{212}^{(20)}\\
&+3m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(20)}m_{113}^{(00)} - m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(21)}m_{401}^{(22)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(21)}m_{302}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(21)}m_{203}^{(00)} - m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(22)}m_{410}^{(22)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(22)}m_{311}^{(20)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{010}^{(22)}m_{212}^{(00)} + 3m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(00)}m_{221}^{(22)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(00)}m_{212}^{(21)}\\
&+m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(00)}m_{203}^{(11)} - 4m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(00)}m_{122}^{(20)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(00)}m_{023}^{(00)}\\
&-5m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(10)}m_{311}^{(22)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(10)}m_{302}^{(21)} + 8m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(10)}m_{212}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(10)}m_{203}^{(10)} - 3m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(10)}m_{113}^{(00)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(11)}m_{401}^{(22)}\\
&-4m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(11)}m_{302}^{(20)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(11)}m_{203}^{(00)} - m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{320}^{(22)}\\
&+2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{311}^{(21)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{302}^{(11)} + 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{212}^{(10)}\\
&-m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(20)}m_{122}^{(00)} + m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(21)}m_{410}^{(22)} - 2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(21)}m_{401}^{(21)}\\
&+2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(21)}m_{302}^{(10)} - m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(21)}m_{212}^{(00)} + m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(22)}m_{401}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(22)}m_{311}^{(10)} + m_{000}^{(21)}m_{100}^{(11)}m_{001}^{(22)}m_{221}^{(00)} - 4m_{000}^{(21)}(m_{100}^{(20)})^2m_{131}^{(21)}\\
&+4m_{000}^{(21)}(m_{100}^{(20)})^2m_{122}^{(11)} + 4m_{000}^{(21)}(m_{100}^{(20)})^2m_{041}^{(20)} - 4m_{000}^{(21)}(m_{100}^{(20)})^2m_{032}^{(10)}\\
&+4m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{221}^{(21)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{131}^{(20)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{122}^{(10)}\\
&+4m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(21)}m_{032}^{(00)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(22)}m_{230}^{(21)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(22)}m_{221}^{(11)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(22)}m_{140}^{(20)} + 6m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(22)}m_{131}^{(10)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{100}^{(22)}m_{041}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(00)}m_{131}^{(22)} - 6m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(00)}m_{122}^{(21)} + 5m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(00)}m_{113}^{(11)}\\
&+4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(00)}m_{032}^{(20)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(00)}m_{023}^{(10)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{221}^{(22)}\\
&+4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{212}^{(21)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(10)}m_{203}^{(11)} + m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(11)}m_{311}^{(22)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(11)}m_{212}^{(20)} + m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(11)}m_{113}^{(00)} + 8m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{221}^{(21)}\\
&-8m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{212}^{(11)} - 8m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{131}^{(20)} + 8m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(20)}m_{122}^{(10)}\\
&-4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{311}^{(21)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{302}^{(11)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{221}^{(20)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(21)}m_{122}^{(00)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}m_{320}^{(21)} + 3m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}m_{311}^{(11)}\\
&+2m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}m_{230}^{(20)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}m_{221}^{(10)} + m_{000}^{(21)}m_{100}^{(20)}m_{010}^{(22)}m_{131}^{(00)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(00)}m_{140}^{(22)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(00)}m_{131}^{(21)} - 3m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(00)}m_{122}^{(11)}\\
&-4m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(00)}m_{041}^{(20)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(00)}m_{032}^{(10)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{230}^{(22)}\\
&-4m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{221}^{(21)} + 6m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{212}^{(11)} + 8m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{131}^{(20)}\\
&-8m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(10)}m_{122}^{(10)} + m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{320}^{(22)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{311}^{(21)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{302}^{(11)} - 4m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{221}^{(20)} + 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{212}^{(10)}\\
&+m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(11)}m_{122}^{(00)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(21)}m_{311}^{(11)} + 4m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(21)}m_{221}^{(10)}\\
&-2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(21)}m_{131}^{(00)} + m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(22)}m_{320}^{(11)} - 2m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(22)}m_{230}^{(10)}
\end{aligned}
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$$+m_{000}^{(21)}m_{100}^{(20)}m_{001}^{(22)}m_{140}^{(00)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{100}^{(22)}m_{320}^{(21)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{100}^{(22)}m_{230}^{(20)}$$
$$+2m_{000}^{(21)}m_{100}^{(21)}m_{100}^{(22)}m_{221}^{(10)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{100}^{(22)}m_{131}^{(00)} + m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(00)}m_{221}^{(22)}$$
$$+2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(00)}m_{212}^{(21)} + m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(00)}m_{203}^{(11)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(00)}m_{122}^{(20)}$$
$$-4m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(00)}m_{113}^{(10)} + 4m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(00)}m_{023}^{(00)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(10)}m_{311}^{(22)}$$
$$+4m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(10)}m_{212}^{(20)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(10)}m_{113}^{(00)} + m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(11)}m_{401}^{(22)}$$
$$-2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(11)}m_{302}^{(20)} + m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(11)}m_{203}^{(00)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{311}^{(21)}$$
$$-2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{302}^{(11)} + 4m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{221}^{(20)} + 8m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{212}^{(10)}$$
$$-6m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(20)}m_{122}^{(00)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(22)}m_{410}^{(21)} + m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(22)}m_{401}^{(11)}$$
$$-2m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(22)}m_{320}^{(20)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(22)}m_{311}^{(10)} + 3m_{000}^{(21)}m_{100}^{(21)}m_{010}^{(22)}m_{221}^{(00)}$$
$$-m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}m_{230}^{(22)} - 2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}m_{221}^{(21)} - m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}m_{212}^{(11)}$$
$$+4m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}m_{131}^{(20)} + 4m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}m_{122}^{(10)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(00)}m_{032}^{(00)}$$
$$+2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{320}^{(22)} + 4m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{311}^{(21)} - 8m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{221}^{(20)}$$
$$-4m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{212}^{(10)} + 6m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(10)}m_{122}^{(00)} - m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(11)}m_{410}^{(22)}$$
$$-2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(11)}m_{401}^{(21)} + 4m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(11)}m_{311}^{(20)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(11)}m_{302}^{(10)}$$
$$-3m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(11)}m_{212}^{(00)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(20)}m_{311}^{(11)} - 4m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(20)}m_{221}^{(10)}$$
$$+2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(20)}m_{131}^{(00)} - m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(22)}m_{410}^{(11)} + 2m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(22)}m_{320}^{(10)}$$
$$-m_{000}^{(21)}m_{100}^{(21)}m_{001}^{(22)}m_{230}^{(00)} + m_{000}^{(21)}(m_{100}^{(22)})^2m_{320}^{(11)} - 2m_{000}^{(21)}(m_{100}^{(22)})^2m_{230}^{(10)}$$
$$+m_{000}^{(21)}(m_{100}^{(22)})^2m_{140}^{(00)} - m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{230}^{(22)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{221}^{(21)}$$
$$-3m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{212}^{(11)} + 4m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{122}^{(10)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(00)}m_{032}^{(00)}$$
$$+2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{320}^{(22)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{311}^{(21)} + m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{302}^{(11)}$$
$$-2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{221}^{(20)} + m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(10)}m_{122}^{(00)} - m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(11)}m_{410}^{(22)}$$
$$+2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(11)}m_{311}^{(20)} - m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(11)}m_{212}^{(00)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{320}^{(21)}$$
$$+5m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{311}^{(11)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{230}^{(20)} - 8m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{221}^{(10)}$$
$$+3m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(20)}m_{131}^{(00)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(21)}m_{410}^{(21)} - m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(21)}m_{401}^{(11)}$$
$$-2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(21)}m_{320}^{(20)} + m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(21)}m_{221}^{(00)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(22)}m_{410}^{(11)}$$
$$+4m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(22)}m_{320}^{(10)} - 2m_{000}^{(21)}m_{100}^{(22)}m_{010}^{(22)}m_{230}^{(00)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(00)}m_{221}^{(11)}$$
$$-4m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(00)}m_{131}^{(10)} + 2m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(00)}m_{041}^{(00)} - 3m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(10)}m_{311}^{(11)}$$
$$+6m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(10)}m_{221}^{(10)} - 3m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(10)}m_{131}^{(00)} + m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(11)}m_{401}^{(11)}$$
$$-2m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(11)}m_{311}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(11)}m_{221}^{(00)} - m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(20)}m_{320}^{(11)}$$
$$+2m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(20)}m_{230}^{(10)} - m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(20)}m_{140}^{(00)} + m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(21)}m_{410}^{(11)}$$
$$-2m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(21)}m_{320}^{(10)} + m_{000}^{(21)}m_{100}^{(22)}m_{001}^{(21)}m_{230}^{(00)} + m_{000}^{(21)}(m_{010}^{(00)})^2m_{122}^{(22)}$$
$$-2m_{000}^{(21)}(m_{010}^{(00)})^2m_{113}^{(21)} + m_{000}^{(21)}(m_{010}^{(00)})^2m_{104}^{(11)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(10)}m_{212}^{(22)}$$
$$+2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(10)}m_{203}^{(21)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(10)}m_{113}^{(20)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(10)}m_{104}^{(10)}$$
$$+m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(11)}m_{302}^{(22)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(11)}m_{203}^{(20)} + m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(11)}m_{104}^{(00)}$$
$$-2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{221}^{(22)} + 6m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{212}^{(21)} - 4m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{203}^{(11)}$$
$$-2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{122}^{(20)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(20)}m_{113}^{(10)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{302}^{(21)}$$
$$+2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{212}^{(20)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{203}^{(10)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(21)}m_{113}^{(00)}$$
$$+m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{320}^{(22)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{311}^{(21)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{302}^{(11)}$$

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\begin{aligned}
&-2m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{212}^{(10)} + m_{000}^{(21)}m_{010}^{(00)}m_{010}^{(22)}m_{122}^{(00)} - m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{221}^{(22)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{203}^{(11)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{122}^{(20)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(10)}m_{113}^{(10)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(11)}m_{311}^{(22)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(11)}m_{212}^{(20)} + m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(11)}m_{113}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{230}^{(22)} - m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{212}^{(11)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{131}^{(20)}\\
&+2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(20)}m_{122}^{(10)} - m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{320}^{(22)} - m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{302}^{(11)}\\
&+2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{221}^{(20)} + 2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{212}^{(10)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(21)}m_{122}^{(00)}\\
&+m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(22)}m_{311}^{(11)} - 2m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(22)}m_{221}^{(10)} + m_{000}^{(21)}m_{010}^{(00)}m_{001}^{(22)}m_{131}^{(00)}\\
&+4m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{311}^{(22)} - 4m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{302}^{(21)} - 4m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{212}^{(20)}\\
&+4m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(20)}m_{203}^{(10)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{410}^{(22)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{401}^{(21)}\\
&+2m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{311}^{(20)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{010}^{(22)}m_{302}^{(10)} + m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{221}^{(22)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{203}^{(11)} - 2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{122}^{(20)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(00)}m_{113}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(11)}m_{401}^{(22)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(11)}m_{302}^{(20)} - m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(11)}m_{203}^{(00)}\\
&-2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{320}^{(22)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{302}^{(11)} + 4m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{221}^{(20)}\\
&-4m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(20)}m_{212}^{(10)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{410}^{(22)} - 4m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{311}^{(20)}\\
&+2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(21)}m_{212}^{(00)} - m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(22)}m_{401}^{(11)} + 2m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(22)}m_{311}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(10)}m_{001}^{(22)}m_{221}^{(00)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{010}^{(20)}m_{401}^{(22)} + 4m_{000}^{(21)}m_{010}^{(11)}m_{010}^{(20)}m_{302}^{(20)}\\
&-2m_{000}^{(21)}m_{010}^{(11)}m_{010}^{(20)}m_{203}^{(00)} + m_{000}^{(21)}m_{010}^{(11)}m_{010}^{(22)}m_{500}^{(22)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{010}^{(22)}m_{401}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(11)}m_{010}^{(22)}m_{302}^{(00)} - m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{311}^{(22)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{212}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(00)}m_{113}^{(00)} + m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(10)}m_{401}^{(22)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(10)}m_{302}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(10)}m_{203}^{(00)} + m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(20)}m_{410}^{(22)} - 2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(20)}m_{311}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(20)}m_{212}^{(00)} - m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(21)}m_{500}^{(22)} + 2m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(21)}m_{401}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(11)}m_{001}^{(21)}m_{302}^{(00)} - 4m_{000}^{(21)}(m_{010}^{(20)})^2m_{311}^{(21)} + 4m_{000}^{(21)}(m_{010}^{(20)})^2m_{302}^{(11)}\\
&+4m_{000}^{(21)}(m_{010}^{(20)})^2m_{221}^{(20)} - 4m_{000}^{(21)}(m_{010}^{(20)})^2m_{212}^{(10)} + 4m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{401}^{(21)}\\
&-4m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{311}^{(20)} - 4m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{302}^{(10)} + 4m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(21)}m_{212}^{(00)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(22)}m_{410}^{(21)} - 4m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(22)}m_{401}^{(11)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(22)}m_{320}^{(20)}\\
&+6m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(22)}m_{311}^{(10)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{010}^{(22)}m_{221}^{(00)} - m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{230}^{(22)}\\
&+m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{212}^{(11)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{131}^{(20)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(00)}m_{122}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(10)}m_{320}^{(22)} - 2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(10)}m_{302}^{(11)} - 4m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(10)}m_{221}^{(20)}\\
&+4m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(10)}m_{212}^{(10)} - m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(11)}m_{410}^{(22)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(11)}m_{311}^{(20)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(11)}m_{212}^{(00)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(21)}m_{401}^{(11)} - 4m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(21)}m_{311}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(21)}m_{221}^{(00)} - m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(22)}m_{410}^{(11)} + 2m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(22)}m_{320}^{(10)}\\
&-m_{000}^{(21)}m_{010}^{(20)}m_{001}^{(22)}m_{230}^{(00)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{010}^{(22)}m_{500}^{(21)} + 2m_{000}^{(21)}m_{010}^{(21)}m_{010}^{(22)}m_{410}^{(20)}\\
&+2m_{000}^{(21)}m_{010}^{(21)}m_{010}^{(22)}m_{401}^{(10)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{010}^{(22)}m_{311}^{(00)} + m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{320}^{(22)}\\
&+m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{302}^{(11)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{221}^{(20)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{212}^{(10)}\\
&+2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(00)}m_{122}^{(00)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{410}^{(22)} + 4m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{311}^{(20)}\\
&-2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(10)}m_{212}^{(00)} + m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(11)}m_{500}^{(22)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(11)}m_{401}^{(20)}\\
&+m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(11)}m_{302}^{(00)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{401}^{(11)} + 4m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{311}^{(10)}\\
&-2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(20)}m_{221}^{(00)} + m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(22)}m_{500}^{(11)} - 2m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(22)}m_{410}^{(10)}
\end{aligned}
$$

$$+m_{000}^{(21)}m_{010}^{(21)}m_{001}^{(22)}m_{320}^{(00)}+m_{000}^{(21)}(m_{010}^{(22)})^2m_{500}^{(11)}-2m_{000}^{(21)}(m_{010}^{(22)})^2m_{410}^{(10)}$$
$$+m_{000}^{(21)}(m_{010}^{(22)})^2m_{320}^{(00)}-m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{311}^{(11)}+2m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{221}^{(10)}$$
$$-m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(00)}m_{131}^{(00)}+m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(10)}m_{401}^{(11)}-2m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(10)}m_{311}^{(10)}$$
$$+m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(10)}m_{221}^{(00)}+m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(20)}m_{410}^{(11)}-2m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(20)}m_{320}^{(10)}$$
$$+m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(20)}m_{230}^{(00)}-m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(21)}m_{500}^{(11)}+2m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(21)}m_{410}^{(10)}$$
$$-m_{000}^{(21)}m_{010}^{(22)}m_{001}^{(21)}m_{320}^{(00)}-m_{000}^{(21)}(m_{001}^{(00)})^2m_{140}^{(22)}+2m_{000}^{(21)}(m_{001}^{(00)})^2m_{131}^{(21)}$$
$$-m_{000}^{(21)}(m_{001}^{(00)})^2m_{122}^{(11)}+4m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{230}^{(22)}-6m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{221}^{(21)}$$
$$+2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{212}^{(11)}-2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{131}^{(20)}+2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(10)}m_{122}^{(10)}$$
$$-2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{320}^{(22)}+2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{311}^{(21)}-m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{302}^{(11)}$$
$$+2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{221}^{(20)}-m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(11)}m_{122}^{(00)}-2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{230}^{(21)}$$
$$+2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{221}^{(11)}+2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{140}^{(20)}-2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(20)}m_{131}^{(10)}$$
$$+2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{320}^{(21)}-2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{230}^{(20)}-2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{221}^{(10)}$$
$$+2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(21)}m_{131}^{(00)}-m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(22)}m_{320}^{(11)}+2m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(22)}m_{230}^{(10)}$$
$$-m_{000}^{(21)}m_{001}^{(00)}m_{001}^{(22)}m_{140}^{(00)}-4m_{000}^{(21)}(m_{001}^{(10)})^2m_{320}^{(22)}+4m_{000}^{(21)}(m_{001}^{(10)})^2m_{311}^{(21)}$$
$$+4m_{000}^{(21)}(m_{001}^{(10)})^2m_{221}^{(20)}-4m_{000}^{(21)}(m_{001}^{(10)})^2m_{212}^{(10)}+4m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{410}^{(22)}$$
$$-2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{401}^{(21)}-6m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{311}^{(20)}+2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{302}^{(10)}$$
$$+2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(11)}m_{212}^{(00)}+4m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{320}^{(21)}-4m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{311}^{(11)}$$
$$-4m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{230}^{(20)}+4m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(20)}m_{221}^{(10)}-4m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{410}^{(21)}$$
$$+4m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{320}^{(20)}+4m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{311}^{(10)}-4m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(21)}m_{221}^{(00)}$$
$$+2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(22)}m_{410}^{(11)}-4m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(22)}m_{320}^{(10)}+2m_{000}^{(21)}m_{001}^{(10)}m_{001}^{(22)}m_{230}^{(00)}$$
$$-m_{000}^{(21)}(m_{001}^{(11)})^2m_{500}^{(22)}+2m_{000}^{(21)}(m_{001}^{(11)})^2m_{401}^{(20)}-m_{000}^{(21)}(m_{001}^{(11)})^2m_{302}^{(00)}$$
$$-2m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{410}^{(21)}+2m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{401}^{(11)}+2m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{320}^{(20)}$$
$$-2m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(20)}m_{311}^{(10)}+2m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(21)}m_{500}^{(21)}-2m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(21)}m_{410}^{(20)}$$
$$-2m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(21)}m_{401}^{(10)}+2m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(21)}m_{311}^{(00)}-m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(22)}m_{500}^{(11)}$$
$$+2m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(22)}m_{410}^{(10)}-m_{000}^{(21)}m_{001}^{(11)}m_{001}^{(22)}m_{320}^{(00)}-m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(10)}m_{041}^{(22)}$$
$$+2m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(10)}m_{032}^{(21)}-m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(10)}m_{023}^{(11)}+m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(11)}m_{131}^{(22)}$$
$$-2m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(11)}m_{122}^{(21)}+m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(11)}m_{113}^{(11)}+m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(20)}m_{050}^{(22)}$$
$$-2m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(20)}m_{041}^{(21)}+m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(20)}m_{032}^{(11)}-m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)}m_{140}^{(22)}$$
$$+2m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)}m_{131}^{(21)}-m_{000}^{(22)}m_{100}^{(00)}m_{100}^{(21)}m_{122}^{(11)}+m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(00)}m_{041}^{(22)}$$
$$-2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(00)}m_{032}^{(21)}+m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(00)}m_{023}^{(11)}-m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(10)}m_{131}^{(22)}$$
$$+2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(10)}m_{122}^{(21)}-m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(10)}m_{113}^{(11)}-m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(20)}m_{140}^{(22)}$$
$$+2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(20)}m_{131}^{(21)}-m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(20)}m_{122}^{(11)}+m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{230}^{(22)}$$
$$-2m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{221}^{(21)}+m_{000}^{(22)}m_{100}^{(00)}m_{010}^{(21)}m_{212}^{(11)}-m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(00)}m_{050}^{(22)}$$
$$+2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(00)}m_{041}^{(21)}-m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(00)}m_{032}^{(11)}+2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(10)}m_{140}^{(22)}$$
$$-4m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(10)}m_{131}^{(21)}+2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(10)}m_{122}^{(11)}-m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(11)}m_{230}^{(22)}$$
$$+2m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(11)}m_{221}^{(21)}-m_{000}^{(22)}m_{100}^{(00)}m_{001}^{(11)}m_{212}^{(11)}+2m_{000}^{(22)}(m_{100}^{(10)})^2m_{131}^{(22)}$$
$$-2m_{000}^{(22)}(m_{100}^{(10)})^2m_{122}^{(21)}-2m_{000}^{(22)}(m_{100}^{(10)})^2m_{032}^{(20)}+2m_{000}^{(22)}(m_{100}^{(10)})^2m_{023}^{(10)}$$
$$-3m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{221}^{(22)}+2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{212}^{(21)}+4m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{122}^{(20)}$$

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\begin{aligned}
&-2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{113}^{(10)} - m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(11)}m_{023}^{(00)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(20)}m_{140}^{(22)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(20)}m_{122}^{(11)} + 4m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(20)}m_{041}^{(20)} - 4m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(20)}m_{032}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}m_{230}^{(22)} - 4m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}m_{131}^{(20)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(21)}m_{032}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(22)}m_{221}^{(11)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(22)}m_{131}^{(10)} - m_{000}^{(22)}m_{100}^{(10)}m_{100}^{(22)}m_{041}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(00)}m_{131}^{(22)} + m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(00)}m_{113}^{(11)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(00)}m_{032}^{(20)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(00)}m_{023}^{(10)} + m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}m_{311}^{(22)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}m_{212}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(11)}m_{113}^{(00)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{230}^{(22)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{212}^{(11)}\\
&-4m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{131}^{(20)} + 4m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(20)}m_{122}^{(10)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{320}^{(22)}\\
&+4m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{221}^{(20)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(21)}m_{122}^{(00)} + m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(22)}m_{311}^{(11)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(22)}m_{221}^{(10)} + m_{000}^{(22)}m_{100}^{(10)}m_{010}^{(22)}m_{131}^{(00)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(00)}m_{140}^{(22)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(00)}m_{131}^{(21)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(00)}m_{041}^{(20)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(00)}m_{032}^{(10)}\\
&-4m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)}m_{230}^{(22)} + 4m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)}m_{221}^{(21)} + 4m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)}m_{131}^{(20)}\\
&-4m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(10)}m_{122}^{(10)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{320}^{(22)} - 2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{311}^{(21)}\\
&-2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{221}^{(20)} + 2m_{000}^{(22)}m_{100}^{(10)}m_{001}^{(11)}m_{212}^{(10)} + m_{000}^{(22)}(m_{100}^{(11)})^2m_{311}^{(22)}\\
&-2m_{000}^{(22)}(m_{100}^{(11)})^2m_{212}^{(20)} + m_{000}^{(22)}(m_{100}^{(11)})^2m_{113}^{(00)} + m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{230}^{(22)}\\
&+2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{221}^{(21)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{212}^{(11)} - 4m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{131}^{(20)}\\
&+2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{122}^{(10)} + m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(20)}m_{032}^{(00)} - m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(21)}m_{320}^{(22)}\\
&-2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(21)}m_{311}^{(21)} + 4m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(21)}m_{221}^{(20)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(21)}m_{212}^{(10)}\\
&-3m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(21)}m_{122}^{(00)} + m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(22)}m_{311}^{(11)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(22)}m_{221}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{100}^{(22)}m_{131}^{(00)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(00)}m_{212}^{(21)} - m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(00)}m_{203}^{(11)}\\
&-2m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(00)}m_{122}^{(20)} + m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(00)}m_{023}^{(00)} + m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(10)}m_{311}^{(22)}\\
&-2m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(10)}m_{302}^{(21)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(10)}m_{203}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(10)}m_{113}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(11)}m_{401}^{(22)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(11)}m_{302}^{(20)} - m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(11)}m_{203}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)}m_{320}^{(22)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)}m_{311}^{(21)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)}m_{302}^{(11)}\\
&+4m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)}m_{221}^{(20)} - 2m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)}m_{212}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(20)}m_{122}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(21)}m_{410}^{(22)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(21)}m_{401}^{(21)} - 4m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(21)}m_{311}^{(20)}\\
&-2m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(21)}m_{302}^{(10)} + 3m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(21)}m_{212}^{(00)} - m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(22)}m_{401}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(22)}m_{311}^{(10)} - m_{000}^{(22)}m_{100}^{(11)}m_{010}^{(22)}m_{221}^{(00)} - m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(00)}m_{230}^{(22)}\\
&+2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(00)}m_{131}^{(20)} - m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(00)}m_{032}^{(00)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(10)}m_{320}^{(22)}\\
&-4m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(10)}m_{221}^{(20)} + 2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(10)}m_{122}^{(00)} - m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(11)}m_{410}^{(22)}\\
&+2m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(11)}m_{311}^{(20)} - m_{000}^{(22)}m_{100}^{(11)}m_{001}^{(11)}m_{212}^{(00)} + 2m_{000}^{(22)}(m_{100}^{(20)})^2m_{140}^{(21)}\\
&-2m_{000}^{(22)}(m_{100}^{(20)})^2m_{131}^{(11)} - 2m_{000}^{(22)}(m_{100}^{(20)})^2m_{050}^{(20)} + 2m_{000}^{(22)}(m_{100}^{(20)})^2m_{041}^{(10)}\\
&-4m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(21)}m_{230}^{(21)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(21)}m_{221}^{(11)} + 4m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(21)}m_{140}^{(20)}\\
&-2m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(21)}m_{041}^{(00)} + m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(22)}m_{230}^{(11)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(22)}m_{140}^{(10)}\\
&+m_{000}^{(22)}m_{100}^{(20)}m_{100}^{(22)}m_{050}^{(00)} - m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(00)}m_{140}^{(22)} + 4m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(00)}m_{131}^{(21)}\\
&-3m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(00)}m_{122}^{(11)} - 2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(00)}m_{041}^{(20)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(00)}m_{032}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{230}^{(22)} - 4m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{221}^{(21)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(10)}m_{212}^{(11)}\\
&-m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{320}^{(22)} + 2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{221}^{(20)} - m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(11)}m_{122}^{(00)}
\end{aligned}
$$

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\begin{aligned}
&-4m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(20)}m_{230}^{(21)}+4m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(20)}m_{221}^{(11)}+4m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(20)}m_{140}^{(20)}\\
&-4m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(20)}m_{131}^{(10)}+4m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(21)}m_{320}^{(21)}-2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(21)}m_{311}^{(11)}\\
&-4m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(21)}m_{230}^{(20)}+2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(21)}m_{131}^{(00)}-m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(22)}m_{320}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(22)}m_{230}^{(10)}-m_{000}^{(22)}m_{100}^{(20)}m_{010}^{(22)}m_{140}^{(00)}-2m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(00)}m_{140}^{(21)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(00)}m_{131}^{(11)}+2m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(00)}m_{050}^{(20)}-2m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(00)}m_{041}^{(10)}\\
&+4m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(10)}m_{230}^{(21)}-4m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(10)}m_{221}^{(11)}-4m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(10)}m_{140}^{(20)}\\
&+4m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(10)}m_{131}^{(10)}-2m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(11)}m_{320}^{(21)}+2m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(11)}m_{311}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(11)}m_{230}^{(20)}-2m_{000}^{(22)}m_{100}^{(20)}m_{001}^{(11)}m_{221}^{(10)}+2m_{000}^{(22)}(m_{100}^{(21)})^2m_{320}^{(21)}\\
&-2m_{000}^{(22)}(m_{100}^{(21)})^2m_{230}^{(20)}-2m_{000}^{(22)}(m_{100}^{(21)})^2m_{221}^{(10)}+2m_{000}^{(22)}(m_{100}^{(21)})^2m_{131}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(21)}m_{100}^{(22)}m_{320}^{(11)}+2m_{000}^{(22)}m_{100}^{(21)}m_{100}^{(22)}m_{230}^{(10)}-m_{000}^{(22)}m_{100}^{(21)}m_{100}^{(22)}m_{140}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}m_{230}^{(22)}-4m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}m_{221}^{(21)}+m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}m_{212}^{(11)}\\
&+2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}m_{131}^{(20)}+2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}m_{122}^{(10)}-2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(00)}m_{032}^{(00)}\\
&-2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{320}^{(22)}+4m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{311}^{(21)}-4m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{212}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(10)}m_{122}^{(00)}+m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)}m_{410}^{(22)}-2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)}m_{311}^{(20)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(11)}m_{212}^{(00)}+4m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(20)}m_{320}^{(21)}-2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(20)}m_{311}^{(11)}\\
&-4m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(20)}m_{230}^{(20)}+2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(20)}m_{131}^{(00)}-4m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(21)}m_{410}^{(21)}\\
&+4m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(21)}m_{320}^{(20)}+4m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(21)}m_{311}^{(10)}-4m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(21)}m_{221}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(22)}m_{410}^{(11)}-2m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(22)}m_{320}^{(10)}+m_{000}^{(22)}m_{100}^{(21)}m_{010}^{(22)}m_{230}^{(00)}\\
&+2m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(00)}m_{230}^{(21)}-2m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(00)}m_{140}^{(20)}-2m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(00)}m_{131}^{(10)}\\
&+2m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(00)}m_{041}^{(00)}-4m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(10)}m_{320}^{(21)}+4m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(10)}m_{230}^{(20)}\\
&+4m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(10)}m_{221}^{(10)}-4m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(10)}m_{131}^{(00)}+2m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(11)}m_{410}^{(21)}\\
&-2m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(11)}m_{320}^{(20)}-2m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(11)}m_{311}^{(10)}+2m_{000}^{(22)}m_{100}^{(21)}m_{001}^{(11)}m_{221}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(00)}m_{221}^{(11)}-2m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(00)}m_{131}^{(10)}+m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(00)}m_{041}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)}m_{311}^{(11)}+2m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)}m_{221}^{(10)}-m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(10)}m_{131}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(20)}m_{320}^{(11)}+2m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(20)}m_{230}^{(10)}-m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(20)}m_{140}^{(00)}\\
&+m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(21)}m_{410}^{(11)}-2m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(21)}m_{320}^{(10)}+m_{000}^{(22)}m_{100}^{(22)}m_{010}^{(21)}m_{230}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(22)}m_{001}^{(00)}m_{230}^{(11)}+2m_{000}^{(22)}m_{100}^{(22)}m_{001}^{(00)}m_{140}^{(10)}-m_{000}^{(22)}m_{100}^{(22)}m_{001}^{(00)}m_{050}^{(00)}\\
&+2m_{000}^{(22)}m_{100}^{(22)}m_{001}^{(10)}m_{320}^{(11)}-4m_{000}^{(22)}m_{100}^{(22)}m_{001}^{(10)}m_{230}^{(10)}+2m_{000}^{(22)}m_{100}^{(22)}m_{001}^{(10)}m_{140}^{(00)}\\
&-m_{000}^{(22)}m_{100}^{(22)}m_{001}^{(11)}m_{410}^{(11)}+2m_{000}^{(22)}m_{100}^{(22)}m_{001}^{(11)}m_{320}^{(10)}-m_{000}^{(22)}m_{100}^{(22)}m_{001}^{(11)}m_{230}^{(00)}\\
&-m_{000}^{(22)}(m_{010}^{(00)})^2m_{131}^{(22)}+2m_{000}^{(22)}(m_{010}^{(00)})^2m_{122}^{(21)}-m_{000}^{(22)}(m_{010}^{(00)})^2m_{113}^{(11)}\\
&+3m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{221}^{(22)}-4m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{212}^{(21)}+m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{203}^{(11)}\\
&-2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{122}^{(20)}+2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(10)}m_{113}^{(10)}-m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{311}^{(22)}\\
&+2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{212}^{(20)}-m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(11)}m_{113}^{(00)}+m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{230}^{(22)}\\
&-4m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{221}^{(21)}+3m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{212}^{(11)}+2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{131}^{(20)}\\
&-2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(20)}m_{122}^{(10)}-m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{320}^{(22)}+4m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{311}^{(21)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{302}^{(11)}-2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{221}^{(20)}-2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{212}^{(10)}\\
&+2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(21)}m_{122}^{(00)}-m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(22)}m_{311}^{(11)}+2m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(22)}m_{221}^{(10)}\\
&-m_{000}^{(22)}m_{010}^{(00)}m_{010}^{(22)}m_{131}^{(00)}+m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(00)}m_{140}^{(22)}-2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(00)}m_{131}^{(21)}
\end{aligned}
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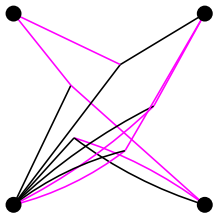
\begin{aligned}
&+m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(00)}m_{122}^{(11)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{230}^{(22)} + 4m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{221}^{(21)}\\
&-2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(10)}m_{212}^{(11)} + m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{320}^{(22)} - 2m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{311}^{(21)}\\
&+m_{000}^{(22)}m_{010}^{(00)}m_{001}^{(11)}m_{302}^{(11)} - 2m_{000}^{(22)}(m_{010}^{(10)})^2m_{311}^{(22)} + 2m_{000}^{(22)}(m_{010}^{(10)})^2m_{302}^{(21)}\\
&+2m_{000}^{(22)}(m_{010}^{(10)})^2m_{212}^{(20)} - 2m_{000}^{(22)}(m_{010}^{(10)})^2m_{203}^{(10)} + m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(11)}m_{401}^{(22)}\\
&-2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(11)}m_{302}^{(20)} + m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(11)}m_{203}^{(00)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{320}^{(22)}\\
&+4m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{311}^{(21)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(20)}m_{302}^{(11)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{410}^{(22)}\\
&-4m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{401}^{(21)} + 4m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{302}^{(10)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(21)}m_{212}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{401}^{(11)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{311}^{(10)} + m_{000}^{(22)}m_{010}^{(10)}m_{010}^{(22)}m_{221}^{(00)}\\
&-2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{230}^{(22)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{221}^{(21)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{131}^{(20)}\\
&-2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(00)}m_{122}^{(10)} + 4m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{320}^{(22)} - 4m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{311}^{(21)}\\
&-4m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{221}^{(20)} + 4m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(10)}m_{212}^{(10)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{410}^{(22)}\\
&+2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{401}^{(21)} + 2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{311}^{(20)} - 2m_{000}^{(22)}m_{010}^{(10)}m_{001}^{(11)}m_{302}^{(10)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{410}^{(22)} - 2m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{311}^{(20)} + m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(20)}m_{212}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(21)}m_{500}^{(22)} + 2m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(21)}m_{401}^{(20)} - m_{000}^{(22)}m_{010}^{(11)}m_{010}^{(21)}m_{302}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{320}^{(22)} - 2m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{221}^{(20)} + m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(00)}m_{122}^{(00)}\\
&-2m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{410}^{(22)} + 4m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{311}^{(20)} - 2m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(10)}m_{212}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(11)}m_{500}^{(22)} - 2m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(11)}m_{401}^{(20)} + m_{000}^{(22)}m_{010}^{(11)}m_{001}^{(11)}m_{302}^{(00)}\\
&+2m_{000}^{(22)}(m_{010}^{(20)})^2m_{320}^{(21)} - 2m_{000}^{(22)}(m_{010}^{(20)})^2m_{311}^{(11)} - 2m_{000}^{(22)}(m_{010}^{(20)})^2m_{230}^{(20)}\\
&+2m_{000}^{(22)}(m_{010}^{(20)})^2m_{221}^{(10)} - 4m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{410}^{(21)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{401}^{(11)}\\
&+4m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{320}^{(20)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(21)}m_{221}^{(00)} + m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(22)}m_{410}^{(11)}\\
&-2m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(22)}m_{320}^{(10)} + m_{000}^{(22)}m_{010}^{(20)}m_{010}^{(22)}m_{230}^{(00)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(00)}m_{230}^{(21)}\\
&-2m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(00)}m_{221}^{(11)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(00)}m_{140}^{(20)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(00)}m_{131}^{(10)}\\
&-4m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{320}^{(21)} + 4m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{311}^{(11)} + 4m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{230}^{(20)}\\
&-4m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(10)}m_{221}^{(10)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{410}^{(21)} - 2m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{401}^{(11)}\\
&-2m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{320}^{(20)} + 2m_{000}^{(22)}m_{010}^{(20)}m_{001}^{(11)}m_{311}^{(10)} + 2m_{000}^{(22)}(m_{010}^{(21)})^2m_{500}^{(21)}\\
&-2m_{000}^{(22)}(m_{010}^{(21)})^2m_{410}^{(20)} - 2m_{000}^{(22)}(m_{010}^{(21)})^2m_{401}^{(10)} + 2m_{000}^{(22)}(m_{010}^{(21)})^2m_{311}^{(00)}\\
&-m_{000}^{(22)}m_{010}^{(21)}m_{010}^{(22)}m_{500}^{(11)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{010}^{(22)}m_{410}^{(10)} - m_{000}^{(22)}m_{010}^{(21)}m_{010}^{(22)}m_{320}^{(00)}\\
&-2m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{320}^{(21)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{230}^{(20)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{221}^{(10)}\\
&-2m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(00)}m_{131}^{(00)} + 4m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{410}^{(21)} - 4m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{320}^{(20)}\\
&-4m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{311}^{(10)} + 4m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(10)}m_{221}^{(00)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(11)}m_{500}^{(21)}\\
&+2m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(11)}m_{410}^{(20)} + 2m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(11)}m_{401}^{(10)} - 2m_{000}^{(22)}m_{010}^{(21)}m_{001}^{(11)}m_{311}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(22)}m_{001}^{(00)}m_{320}^{(11)} - 2m_{000}^{(22)}m_{010}^{(22)}m_{001}^{(00)}m_{230}^{(10)} + m_{000}^{(22)}m_{010}^{(22)}m_{001}^{(00)}m_{140}^{(00)}\\
&-2m_{000}^{(22)}m_{010}^{(22)}m_{001}^{(10)}m_{410}^{(11)} + 4m_{000}^{(22)}m_{010}^{(22)}m_{001}^{(10)}m_{320}^{(10)} - 2m_{000}^{(22)}m_{010}^{(22)}m_{001}^{(10)}m_{230}^{(00)}\\
&+m_{000}^{(22)}m_{010}^{(22)}m_{001}^{(11)}m_{500}^{(11)} - 2m_{000}^{(22)}m_{010}^{(22)}m_{001}^{(11)}m_{410}^{(10)} + m_{000}^{(22)}m_{010}^{(22)}m_{001}^{(11)}m_{320}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{rrrrr}
V1 & V1 & 1 & 1 & 1\\
1 & 1 & V2 & V2 & V4\\
V3 & V3 & 3 & V4 & 4
\end{array}
$$



$$
\begin{aligned}
T_{194} \;=\;& -(m_{000}^{(00)})^2 m_{110}^{(11)} m_{023}^{(22)} + 2(m_{000}^{(00)})^2 m_{110}^{(11)} m_{014}^{(21)} - (m_{000}^{(00)})^2 m_{110}^{(11)} m_{005}^{(11)} \\
& +2(m_{000}^{(00)})^2 m_{110}^{(21)} m_{032}^{(22)} - 4(m_{000}^{(00)})^2 m_{110}^{(21)} m_{023}^{(21)} + 2(m_{000}^{(00)})^2 m_{110}^{(21)} m_{014}^{(11)} \\
& -(m_{000}^{(00)})^2 m_{110}^{(22)} m_{041}^{(22)} + 2(m_{000}^{(00)})^2 m_{110}^{(22)} m_{032}^{(21)} - (m_{000}^{(00)})^2 m_{110}^{(22)} m_{023}^{(11)} \\
& +(m_{000}^{(00)})^2 m_{101}^{(11)} m_{032}^{(22)} - 2(m_{000}^{(00)})^2 m_{101}^{(11)} m_{023}^{(21)} + (m_{000}^{(00)})^2 m_{101}^{(11)} m_{014}^{(11)} \\
& -2(m_{000}^{(00)})^2 m_{101}^{(21)} m_{041}^{(22)} + 4(m_{000}^{(00)})^2 m_{101}^{(21)} m_{032}^{(21)} - 2(m_{000}^{(00)})^2 m_{101}^{(21)} m_{023}^{(11)} \\
& +(m_{000}^{(00)})^2 m_{101}^{(22)} m_{050}^{(22)} - 2(m_{000}^{(00)})^2 m_{101}^{(22)} m_{041}^{(21)} + (m_{000}^{(00)})^2 m_{101}^{(22)} m_{032}^{(11)} \\
& +(m_{000}^{(00)})^2 m_{020}^{(10)} m_{023}^{(22)} - 2(m_{000}^{(00)})^2 m_{020}^{(10)} m_{014}^{(21)} + (m_{000}^{(00)})^2 m_{020}^{(10)} m_{005}^{(11)} \\
& -(m_{000}^{(00)})^2 m_{020}^{(20)} m_{032}^{(22)} + 2(m_{000}^{(00)})^2 m_{020}^{(20)} m_{023}^{(21)} - (m_{000}^{(00)})^2 m_{020}^{(20)} m_{014}^{(11)} \\
& -(m_{000}^{(00)})^2 m_{020}^{(21)} m_{122}^{(22)} + 2(m_{000}^{(00)})^2 m_{020}^{(21)} m_{113}^{(21)} - (m_{000}^{(00)})^2 m_{020}^{(21)} m_{104}^{(11)} \\
& +(m_{000}^{(00)})^2 m_{020}^{(22)} m_{131}^{(22)} - 2(m_{000}^{(00)})^2 m_{020}^{(22)} m_{122}^{(21)} + (m_{000}^{(00)})^2 m_{020}^{(22)} m_{113}^{(11)} \\
& -2(m_{000}^{(00)})^2 m_{011}^{(10)} m_{032}^{(22)} + 4(m_{000}^{(00)})^2 m_{011}^{(10)} m_{023}^{(21)} - 2(m_{000}^{(00)})^2 m_{011}^{(10)} m_{014}^{(11)} \\
& +(m_{000}^{(00)})^2 m_{011}^{(11)} m_{122}^{(22)} - 2(m_{000}^{(00)})^2 m_{011}^{(11)} m_{113}^{(21)} + (m_{000}^{(00)})^2 m_{011}^{(11)} m_{104}^{(11)} \\
& +2(m_{000}^{(00)})^2 m_{011}^{(20)} m_{041}^{(22)} - 4(m_{000}^{(00)})^2 m_{011}^{(20)} m_{032}^{(21)} + 2(m_{000}^{(00)})^2 m_{011}^{(20)} m_{023}^{(11)} \\
& -(m_{000}^{(00)})^2 m_{011}^{(22)} m_{140}^{(22)} + 2(m_{000}^{(00)})^2 m_{011}^{(22)} m_{131}^{(21)} - (m_{000}^{(00)})^2 m_{011}^{(22)} m_{122}^{(11)} \\
& +(m_{000}^{(00)})^2 m_{002}^{(10)} m_{041}^{(22)} - 2(m_{000}^{(00)})^2 m_{002}^{(10)} m_{032}^{(21)} + (m_{000}^{(00)})^2 m_{002}^{(10)} m_{023}^{(11)} \\
& -(m_{000}^{(00)})^2 m_{002}^{(11)} m_{131}^{(22)} + 2(m_{000}^{(00)})^2 m_{002}^{(11)} m_{122}^{(21)} - (m_{000}^{(00)})^2 m_{002}^{(11)} m_{113}^{(11)} \\
& -(m_{000}^{(00)})^2 m_{002}^{(20)} m_{050}^{(22)} + 2(m_{000}^{(00)})^2 m_{002}^{(20)} m_{041}^{(21)} - (m_{000}^{(00)})^2 m_{002}^{(20)} m_{032}^{(11)} \\
& +(m_{000}^{(00)})^2 m_{002}^{(21)} m_{140}^{(22)} - 2(m_{000}^{(00)})^2 m_{002}^{(21)} m_{131}^{(21)} + (m_{000}^{(00)})^2 m_{002}^{(21)} m_{122}^{(11)} \\
& +m_{000}^{(00)} m_{000}^{(10)} m_{200}^{(11)} m_{023}^{(22)} - 2m_{000}^{(00)} m_{000}^{(10)} m_{200}^{(11)} m_{014}^{(21)} + m_{000}^{(00)} m_{000}^{(10)} m_{200}^{(11)} m_{005}^{(11)} \\
& -2m_{000}^{(00)} m_{000}^{(10)} m_{200}^{(21)} m_{032}^{(22)} + 4m_{000}^{(00)} m_{000}^{(10)} m_{200}^{(21)} m_{023}^{(21)} - 2m_{000}^{(00)} m_{000}^{(10)} m_{200}^{(21)} m_{014}^{(11)} \\
& +m_{000}^{(00)} m_{000}^{(10)} m_{200}^{(22)} m_{041}^{(22)} - 2m_{000}^{(00)} m_{000}^{(10)} m_{200}^{(22)} m_{032}^{(21)} + m_{000}^{(00)} m_{000}^{(10)} m_{200}^{(22)} m_{023}^{(11)} \\
& +2m_{000}^{(00)} m_{000}^{(10)} m_{110}^{(11)} m_{113}^{(22)} - 2m_{000}^{(00)} m_{000}^{(10)} m_{110}^{(11)} m_{104}^{(21)} - 2m_{000}^{(00)} m_{000}^{(10)} m_{110}^{(11)} m_{014}^{(20)} \\
& +2m_{000}^{(00)} m_{000}^{(10)} m_{110}^{(11)} m_{005}^{(10)} - 4m_{000}^{(00)} m_{000}^{(10)} m_{110}^{(21)} m_{122}^{(22)} + 4m_{000}^{(00)} m_{000}^{(10)} m_{110}^{(21)} m_{113}^{(21)} \\
& +4m_{000}^{(00)} m_{000}^{(10)} m_{110}^{(21)} m_{023}^{(20)} - 4m_{000}^{(00)} m_{000}^{(10)} m_{110}^{(21)} m_{014}^{(10)} + 2m_{000}^{(00)} m_{000}^{(10)} m_{110}^{(22)} m_{131}^{(22)} \\
& -2m_{000}^{(00)} m_{000}^{(10)} m_{110}^{(22)} m_{122}^{(21)} - 2m_{000}^{(00)} m_{000}^{(10)} m_{110}^{(22)} m_{032}^{(20)} + 2m_{000}^{(00)} m_{000}^{(10)} m_{110}^{(22)} m_{023}^{(10)} \\
& -4m_{000}^{(00)} m_{000}^{(10)} m_{101}^{(11)} m_{122}^{(22)} + 6m_{000}^{(00)} m_{000}^{(10)} m_{101}^{(11)} m_{113}^{(21)} - 2m_{000}^{(00)} m_{000}^{(10)} m_{101}^{(11)} m_{104}^{(11)} \\
& +2m_{000}^{(00)} m_{000}^{(10)} m_{101}^{(11)} m_{023}^{(20)} - 2m_{000}^{(00)} m_{000}^{(10)} m_{101}^{(11)} m_{014}^{(10)} + 8m_{000}^{(00)} m_{000}^{(10)} m_{101}^{(21)} m_{131}^{(22)} \\
& -12m_{000}^{(00)} m_{000}^{(10)} m_{101}^{(21)} m_{122}^{(21)} + 4m_{000}^{(00)} m_{000}^{(10)} m_{101}^{(21)} m_{113}^{(11)} - 4m_{000}^{(00)} m_{000}^{(10)} m_{101}^{(21)} m_{032}^{(20)}
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&+4m_{000}^{(00)}m_{000}^{(10)}m_{101}^{(21)}m_{023}^{(10)} - 4m_{000}^{(00)}m_{000}^{(10)}m_{101}^{(22)}m_{140}^{(22)} + 6m_{000}^{(00)}m_{000}^{(10)}m_{101}^{(22)}m_{131}^{(21)}\\
&-2m_{000}^{(00)}m_{000}^{(10)}m_{101}^{(22)}m_{122}^{(11)} + 2m_{000}^{(00)}m_{000}^{(10)}m_{101}^{(22)}m_{041}^{(20)} - 2m_{000}^{(00)}m_{000}^{(10)}m_{101}^{(22)}m_{032}^{(10)}\\
&-m_{000}^{(00)}m_{000}^{(10)}m_{020}^{(00)}m_{023}^{(22)} + 2m_{000}^{(00)}m_{000}^{(10)}m_{020}^{(00)}m_{014}^{(21)} - m_{000}^{(00)}m_{000}^{(10)}m_{020}^{(00)}m_{005}^{(11)}\\
&-2m_{000}^{(00)}m_{000}^{(10)}m_{020}^{(10)}m_{113}^{(22)} + 2m_{000}^{(00)}m_{000}^{(10)}m_{020}^{(10)}m_{104}^{(21)} + 2m_{000}^{(00)}m_{000}^{(10)}m_{020}^{(10)}m_{014}^{(20)}\\
&-2m_{000}^{(00)}m_{000}^{(10)}m_{020}^{(10)}m_{005}^{(10)} + 4m_{000}^{(00)}m_{000}^{(10)}m_{020}^{(20)}m_{122}^{(22)} - 6m_{000}^{(00)}m_{000}^{(10)}m_{020}^{(20)}m_{113}^{(21)}\\
&+2m_{000}^{(00)}m_{000}^{(10)}m_{020}^{(20)}m_{104}^{(11)} - 2m_{000}^{(00)}m_{000}^{(10)}m_{020}^{(20)}m_{023}^{(20)} + 2m_{000}^{(00)}m_{000}^{(10)}m_{020}^{(20)}m_{014}^{(10)}\\
&+2m_{000}^{(00)}m_{000}^{(10)}m_{020}^{(21)}m_{212}^{(22)} - 2m_{000}^{(00)}m_{000}^{(10)}m_{020}^{(21)}m_{203}^{(21)} - 2m_{000}^{(00)}m_{000}^{(10)}m_{020}^{(21)}m_{113}^{(20)}\\
&+2m_{000}^{(00)}m_{000}^{(10)}m_{020}^{(21)}m_{104}^{(10)} - 3m_{000}^{(00)}m_{000}^{(10)}m_{020}^{(22)}m_{221}^{(22)} + 4m_{000}^{(00)}m_{000}^{(10)}m_{020}^{(22)}m_{212}^{(21)}\\
&-m_{000}^{(00)}m_{000}^{(10)}m_{020}^{(22)}m_{203}^{(11)} + 2m_{000}^{(00)}m_{000}^{(10)}m_{020}^{(22)}m_{122}^{(20)} - 2m_{000}^{(00)}m_{000}^{(10)}m_{020}^{(22)}m_{113}^{(10)}\\
&+2m_{000}^{(00)}m_{000}^{(10)}m_{011}^{(00)}m_{032}^{(22)} - 4m_{000}^{(00)}m_{000}^{(10)}m_{011}^{(00)}m_{023}^{(21)} + 2m_{000}^{(00)}m_{000}^{(10)}m_{011}^{(00)}m_{014}^{(11)}\\
&+4m_{000}^{(00)}m_{000}^{(10)}m_{011}^{(10)}m_{122}^{(22)} - 4m_{000}^{(00)}m_{000}^{(10)}m_{011}^{(10)}m_{113}^{(21)} - 4m_{000}^{(00)}m_{000}^{(10)}m_{011}^{(10)}m_{023}^{(20)}\\
&+4m_{000}^{(00)}m_{000}^{(10)}m_{011}^{(10)}m_{014}^{(10)} - 2m_{000}^{(00)}m_{000}^{(10)}m_{011}^{(11)}m_{212}^{(22)} + 2m_{000}^{(00)}m_{000}^{(10)}m_{011}^{(11)}m_{203}^{(21)}\\
&+2m_{000}^{(00)}m_{000}^{(10)}m_{011}^{(11)}m_{113}^{(20)} - 2m_{000}^{(00)}m_{000}^{(10)}m_{011}^{(11)}m_{104}^{(10)} - 8m_{000}^{(00)}m_{000}^{(10)}m_{011}^{(20)}m_{131}^{(22)}\\
&+12m_{000}^{(00)}m_{000}^{(10)}m_{011}^{(20)}m_{122}^{(21)} - 4m_{000}^{(00)}m_{000}^{(10)}m_{011}^{(20)}m_{113}^{(11)} + 4m_{000}^{(00)}m_{000}^{(10)}m_{011}^{(20)}m_{032}^{(20)}\\
&-4m_{000}^{(00)}m_{000}^{(10)}m_{011}^{(20)}m_{023}^{(10)} + 4m_{000}^{(00)}m_{000}^{(10)}m_{011}^{(22)}m_{230}^{(22)} - 6m_{000}^{(00)}m_{000}^{(10)}m_{011}^{(22)}m_{221}^{(21)}\\
&+2m_{000}^{(00)}m_{000}^{(10)}m_{011}^{(22)}m_{212}^{(11)} - 2m_{000}^{(00)}m_{000}^{(10)}m_{011}^{(22)}m_{131}^{(20)} + 2m_{000}^{(00)}m_{000}^{(10)}m_{011}^{(22)}m_{122}^{(10)}\\
&-m_{000}^{(00)}m_{000}^{(10)}m_{002}^{(00)}m_{041}^{(22)} + 2m_{000}^{(00)}m_{000}^{(10)}m_{002}^{(00)}m_{032}^{(21)} - m_{000}^{(00)}m_{000}^{(10)}m_{002}^{(00)}m_{023}^{(11)}\\
&-2m_{000}^{(00)}m_{000}^{(10)}m_{002}^{(10)}m_{131}^{(22)} + 2m_{000}^{(00)}m_{000}^{(10)}m_{002}^{(10)}m_{122}^{(21)} + 2m_{000}^{(00)}m_{000}^{(10)}m_{002}^{(10)}m_{032}^{(20)}\\
&-2m_{000}^{(00)}m_{000}^{(10)}m_{002}^{(10)}m_{023}^{(10)} + 3m_{000}^{(00)}m_{000}^{(10)}m_{002}^{(11)}m_{221}^{(22)} - 4m_{000}^{(00)}m_{000}^{(10)}m_{002}^{(11)}m_{212}^{(21)}\\
&+m_{000}^{(00)}m_{000}^{(10)}m_{002}^{(11)}m_{203}^{(11)} - 2m_{000}^{(00)}m_{000}^{(10)}m_{002}^{(11)}m_{122}^{(20)} + 2m_{000}^{(00)}m_{000}^{(10)}m_{002}^{(11)}m_{113}^{(10)}\\
&+4m_{000}^{(00)}m_{000}^{(10)}m_{002}^{(20)}m_{140}^{(22)} - 6m_{000}^{(00)}m_{000}^{(10)}m_{002}^{(20)}m_{131}^{(21)} + 2m_{000}^{(00)}m_{000}^{(10)}m_{002}^{(20)}m_{122}^{(11)}\\
&-2m_{000}^{(00)}m_{000}^{(10)}m_{002}^{(20)}m_{041}^{(20)} + 2m_{000}^{(00)}m_{000}^{(10)}m_{002}^{(20)}m_{032}^{(10)} - 4m_{000}^{(00)}m_{000}^{(10)}m_{002}^{(21)}m_{230}^{(22)}\\
&+6m_{000}^{(00)}m_{000}^{(10)}m_{002}^{(21)}m_{221}^{(21)} - 2m_{000}^{(00)}m_{000}^{(10)}m_{002}^{(21)}m_{212}^{(11)} + 2m_{000}^{(00)}m_{000}^{(10)}m_{002}^{(21)}m_{131}^{(20)}\\
&-2m_{000}^{(00)}m_{000}^{(10)}m_{002}^{(21)}m_{122}^{(10)} - m_{000}^{(00)}m_{000}^{(11)}m_{200}^{(10)}m_{023}^{(22)} + 2m_{000}^{(00)}m_{000}^{(11)}m_{200}^{(10)}m_{014}^{(21)}\\
&-m_{000}^{(00)}m_{000}^{(11)}m_{200}^{(10)}m_{005}^{(11)} + m_{000}^{(00)}m_{000}^{(11)}m_{200}^{(20)}m_{032}^{(22)} - 2m_{000}^{(00)}m_{000}^{(11)}m_{200}^{(20)}m_{023}^{(21)}\\
&+m_{000}^{(00)}m_{000}^{(11)}m_{200}^{(20)}m_{014}^{(11)} + m_{000}^{(00)}m_{000}^{(11)}m_{200}^{(21)}m_{122}^{(22)} - 2m_{000}^{(00)}m_{000}^{(11)}m_{200}^{(21)}m_{113}^{(21)}\\
&+m_{000}^{(00)}m_{000}^{(11)}m_{200}^{(21)}m_{104}^{(11)} - m_{000}^{(00)}m_{000}^{(11)}m_{200}^{(22)}m_{131}^{(22)} + 2m_{000}^{(00)}m_{000}^{(11)}m_{200}^{(22)}m_{122}^{(21)}\\
&-m_{000}^{(00)}m_{000}^{(11)}m_{200}^{(22)}m_{113}^{(11)} + m_{000}^{(00)}m_{000}^{(11)}m_{110}^{(00)}m_{023}^{(22)} - 2m_{000}^{(00)}m_{000}^{(11)}m_{110}^{(00)}m_{014}^{(21)}\\
&+m_{000}^{(00)}m_{000}^{(11)}m_{110}^{(00)}m_{005}^{(11)} - m_{000}^{(00)}m_{000}^{(11)}m_{110}^{(11)}m_{203}^{(22)} + 2m_{000}^{(00)}m_{000}^{(11)}m_{110}^{(11)}m_{104}^{(20)}\\
&-m_{000}^{(00)}m_{000}^{(11)}m_{110}^{(11)}m_{005}^{(00)} - 2m_{000}^{(00)}m_{000}^{(11)}m_{110}^{(20)}m_{122}^{(22)} + 4m_{000}^{(00)}m_{000}^{(11)}m_{110}^{(20)}m_{113}^{(21)}\\
&-2m_{000}^{(00)}m_{000}^{(11)}m_{110}^{(20)}m_{104}^{(11)} + 2m_{000}^{(00)}m_{000}^{(11)}m_{110}^{(21)}m_{212}^{(22)} - 4m_{000}^{(00)}m_{000}^{(11)}m_{110}^{(21)}m_{113}^{(20)}\\
&+2m_{000}^{(00)}m_{000}^{(11)}m_{110}^{(21)}m_{014}^{(00)} - 2m_{000}^{(00)}m_{000}^{(11)}m_{110}^{(22)}m_{212}^{(21)} + m_{000}^{(00)}m_{000}^{(11)}m_{110}^{(22)}m_{203}^{(11)}\\
&+2m_{000}^{(00)}m_{000}^{(11)}m_{110}^{(22)}m_{122}^{(20)} - m_{000}^{(00)}m_{000}^{(11)}m_{110}^{(22)}m_{023}^{(00)} - m_{000}^{(00)}m_{000}^{(11)}m_{101}^{(00)}m_{032}^{(22)}\\
&+2m_{000}^{(00)}m_{000}^{(11)}m_{101}^{(00)}m_{023}^{(21)} - m_{000}^{(00)}m_{000}^{(11)}m_{101}^{(00)}m_{014}^{(11)} + 2m_{000}^{(00)}m_{000}^{(11)}m_{101}^{(10)}m_{122}^{(22)}\\
&-4m_{000}^{(00)}m_{000}^{(11)}m_{101}^{(10)}m_{113}^{(21)} + 2m_{000}^{(00)}m_{000}^{(11)}m_{101}^{(10)}m_{104}^{(11)} + m_{000}^{(00)}m_{000}^{(11)}m_{101}^{(11)}m_{212}^{(22)}\\
&-2m_{000}^{(00)}m_{000}^{(11)}m_{101}^{(11)}m_{113}^{(20)} + m_{000}^{(00)}m_{000}^{(11)}m_{101}^{(11)}m_{014}^{(00)} - 4m_{000}^{(00)}m_{000}^{(11)}m_{101}^{(21)}m_{221}^{(22)}\\
&+4m_{000}^{(00)}m_{000}^{(11)}m_{101}^{(21)}m_{212}^{(21)} - 2m_{000}^{(00)}m_{000}^{(11)}m_{101}^{(21)}m_{203}^{(11)} + 4m_{000}^{(00)}m_{000}^{(11)}m_{101}^{(21)}m_{122}^{(20)}\\
&-2m_{000}^{(00)}m_{000}^{(11)}m_{101}^{(21)}m_{023}^{(00)} + 2m_{000}^{(00)}m_{000}^{(11)}m_{101}^{(22)}m_{230}^{(22)} - 2m_{000}^{(00)}m_{000}^{(11)}m_{101}^{(22)}m_{221}^{(21)}
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&+m_{000}^{(00)}m_{000}^{(11)}m_{101}^{(22)}m_{212}^{(11)} - 2m_{000}^{(00)}m_{000}^{(11)}m_{101}^{(22)}m_{131}^{(20)} + m_{000}^{(00)}m_{000}^{(11)}m_{101}^{(22)}m_{032}^{(00)}\\
&+m_{000}^{(00)}m_{000}^{(11)}m_{020}^{(10)}m_{203}^{(22)} - 2m_{000}^{(00)}m_{000}^{(11)}m_{020}^{(10)}m_{104}^{(20)} + m_{000}^{(00)}m_{000}^{(11)}m_{020}^{(10)}m_{005}^{(00)}\\
&-m_{000}^{(00)}m_{000}^{(11)}m_{020}^{(20)}m_{212}^{(22)} + 2m_{000}^{(00)}m_{000}^{(11)}m_{020}^{(20)}m_{113}^{(20)} - m_{000}^{(00)}m_{000}^{(11)}m_{020}^{(20)}m_{014}^{(00)}\\
&-m_{000}^{(00)}m_{000}^{(11)}m_{020}^{(21)}m_{302}^{(22)} + 2m_{000}^{(00)}m_{000}^{(11)}m_{020}^{(21)}m_{203}^{(20)} - m_{000}^{(00)}m_{000}^{(11)}m_{020}^{(21)}m_{104}^{(00)}\\
&+m_{000}^{(00)}m_{000}^{(11)}m_{020}^{(22)}m_{311}^{(22)} - 2m_{000}^{(00)}m_{000}^{(11)}m_{020}^{(22)}m_{212}^{(20)} + m_{000}^{(00)}m_{000}^{(11)}m_{020}^{(22)}m_{113}^{(00)}\\
&-m_{000}^{(00)}m_{000}^{(11)}m_{011}^{(00)}m_{122}^{(22)} + 2m_{000}^{(00)}m_{000}^{(11)}m_{011}^{(00)}m_{113}^{(21)} - m_{000}^{(00)}m_{000}^{(11)}m_{011}^{(00)}m_{104}^{(11)}\\
&-2m_{000}^{(00)}m_{000}^{(11)}m_{011}^{(10)}m_{212}^{(22)} + 4m_{000}^{(00)}m_{000}^{(11)}m_{011}^{(10)}m_{113}^{(20)} - 2m_{000}^{(00)}m_{000}^{(11)}m_{011}^{(10)}m_{014}^{(00)}\\
&+m_{000}^{(00)}m_{000}^{(11)}m_{011}^{(11)}m_{302}^{(22)} - 2m_{000}^{(00)}m_{000}^{(11)}m_{011}^{(11)}m_{203}^{(20)} + m_{000}^{(00)}m_{000}^{(11)}m_{011}^{(11)}m_{104}^{(00)}\\
&+4m_{000}^{(00)}m_{000}^{(11)}m_{011}^{(20)}m_{221}^{(22)} - 4m_{000}^{(00)}m_{000}^{(11)}m_{011}^{(20)}m_{212}^{(21)} + 2m_{000}^{(00)}m_{000}^{(11)}m_{011}^{(20)}m_{203}^{(11)}\\
&-4m_{000}^{(00)}m_{000}^{(11)}m_{011}^{(20)}m_{122}^{(20)} + 2m_{000}^{(00)}m_{000}^{(11)}m_{011}^{(20)}m_{023}^{(00)} - 2m_{000}^{(00)}m_{000}^{(11)}m_{011}^{(22)}m_{320}^{(22)}\\
&+2m_{000}^{(00)}m_{000}^{(11)}m_{011}^{(22)}m_{311}^{(21)} - m_{000}^{(00)}m_{000}^{(11)}m_{011}^{(22)}m_{302}^{(11)} + 2m_{000}^{(00)}m_{000}^{(11)}m_{011}^{(22)}m_{221}^{(20)}\\
&-m_{000}^{(00)}m_{000}^{(11)}m_{011}^{(22)}m_{122}^{(00)} + m_{000}^{(00)}m_{000}^{(11)}m_{002}^{(00)}m_{131}^{(22)} - 2m_{000}^{(00)}m_{000}^{(11)}m_{002}^{(00)}m_{122}^{(21)}\\
&+m_{000}^{(00)}m_{000}^{(11)}m_{002}^{(00)}m_{113}^{(11)} + 2m_{000}^{(00)}m_{000}^{(11)}m_{002}^{(10)}m_{212}^{(21)} - m_{000}^{(00)}m_{000}^{(11)}m_{002}^{(10)}m_{203}^{(11)}\\
&-2m_{000}^{(00)}m_{000}^{(11)}m_{002}^{(10)}m_{122}^{(20)} + m_{000}^{(00)}m_{000}^{(11)}m_{002}^{(10)}m_{023}^{(00)} - m_{000}^{(00)}m_{000}^{(11)}m_{002}^{(11)}m_{311}^{(22)}\\
&+2m_{000}^{(00)}m_{000}^{(11)}m_{002}^{(11)}m_{212}^{(20)} - m_{000}^{(00)}m_{000}^{(11)}m_{002}^{(11)}m_{113}^{(00)} - 2m_{000}^{(00)}m_{000}^{(11)}m_{002}^{(20)}m_{230}^{(22)}\\
&+2m_{000}^{(00)}m_{000}^{(11)}m_{002}^{(20)}m_{221}^{(21)} - m_{000}^{(00)}m_{000}^{(11)}m_{002}^{(20)}m_{212}^{(11)} + 2m_{000}^{(00)}m_{000}^{(11)}m_{002}^{(20)}m_{131}^{(20)}\\
&-m_{000}^{(00)}m_{000}^{(11)}m_{002}^{(20)}m_{032}^{(00)} + 2m_{000}^{(00)}m_{000}^{(11)}m_{002}^{(21)}m_{320}^{(22)} - 2m_{000}^{(00)}m_{000}^{(11)}m_{002}^{(21)}m_{311}^{(21)}\\
&+m_{000}^{(00)}m_{000}^{(11)}m_{002}^{(21)}m_{302}^{(11)} - 2m_{000}^{(00)}m_{000}^{(11)}m_{002}^{(21)}m_{221}^{(20)} + m_{000}^{(00)}m_{000}^{(11)}m_{002}^{(21)}m_{122}^{(00)}\\
&-m_{000}^{(00)}m_{000}^{(20)}m_{200}^{(11)}m_{032}^{(22)} + 2m_{000}^{(00)}m_{000}^{(20)}m_{200}^{(11)}m_{023}^{(21)} - m_{000}^{(00)}m_{000}^{(20)}m_{200}^{(11)}m_{014}^{(11)}\\
&+2m_{000}^{(00)}m_{000}^{(20)}m_{200}^{(21)}m_{041}^{(22)} - 4m_{000}^{(00)}m_{000}^{(20)}m_{200}^{(21)}m_{032}^{(21)} + 2m_{000}^{(00)}m_{000}^{(20)}m_{200}^{(21)}m_{023}^{(11)}\\
&-m_{000}^{(00)}m_{000}^{(20)}m_{200}^{(22)}m_{050}^{(22)} + 2m_{000}^{(00)}m_{000}^{(20)}m_{200}^{(22)}m_{041}^{(21)} - m_{000}^{(00)}m_{000}^{(20)}m_{200}^{(22)}m_{032}^{(11)}\\
&+2m_{000}^{(00)}m_{000}^{(20)}m_{110}^{(11)}m_{122}^{(22)} - 6m_{000}^{(00)}m_{000}^{(20)}m_{110}^{(11)}m_{113}^{(21)} + 4m_{000}^{(00)}m_{000}^{(20)}m_{110}^{(11)}m_{104}^{(11)}\\
&+2m_{000}^{(00)}m_{000}^{(20)}m_{110}^{(11)}m_{023}^{(20)} - 2m_{000}^{(00)}m_{000}^{(20)}m_{110}^{(11)}m_{014}^{(10)} - 4m_{000}^{(00)}m_{000}^{(20)}m_{110}^{(21)}m_{131}^{(22)}\\
&+12m_{000}^{(00)}m_{000}^{(20)}m_{110}^{(21)}m_{122}^{(21)} - 8m_{000}^{(00)}m_{000}^{(20)}m_{110}^{(21)}m_{113}^{(11)} - 4m_{000}^{(00)}m_{000}^{(20)}m_{110}^{(21)}m_{032}^{(20)}\\
&+4m_{000}^{(00)}m_{000}^{(20)}m_{110}^{(21)}m_{023}^{(10)} + 2m_{000}^{(00)}m_{000}^{(20)}m_{110}^{(22)}m_{140}^{(22)} - 6m_{000}^{(00)}m_{000}^{(20)}m_{110}^{(22)}m_{131}^{(21)}\\
&+4m_{000}^{(00)}m_{000}^{(20)}m_{110}^{(22)}m_{122}^{(11)} + 2m_{000}^{(00)}m_{000}^{(20)}m_{110}^{(22)}m_{041}^{(20)} - 2m_{000}^{(00)}m_{000}^{(20)}m_{110}^{(22)}m_{032}^{(10)}\\
&+2m_{000}^{(00)}m_{000}^{(20)}m_{101}^{(11)}m_{122}^{(21)} - 2m_{000}^{(00)}m_{000}^{(20)}m_{101}^{(11)}m_{113}^{(11)} - 2m_{000}^{(00)}m_{000}^{(20)}m_{101}^{(11)}m_{032}^{(20)}\\
&+2m_{000}^{(00)}m_{000}^{(20)}m_{101}^{(11)}m_{023}^{(10)} - 4m_{000}^{(00)}m_{000}^{(20)}m_{101}^{(21)}m_{131}^{(21)} + 4m_{000}^{(00)}m_{000}^{(20)}m_{101}^{(21)}m_{122}^{(11)}\\
&+4m_{000}^{(00)}m_{000}^{(20)}m_{101}^{(21)}m_{041}^{(20)} - 4m_{000}^{(00)}m_{000}^{(20)}m_{101}^{(21)}m_{032}^{(10)} + 2m_{000}^{(00)}m_{000}^{(20)}m_{101}^{(22)}m_{140}^{(21)}\\
&-2m_{000}^{(00)}m_{000}^{(20)}m_{101}^{(22)}m_{131}^{(11)} - 2m_{000}^{(00)}m_{000}^{(20)}m_{101}^{(22)}m_{050}^{(20)} + 2m_{000}^{(00)}m_{000}^{(20)}m_{101}^{(22)}m_{041}^{(10)}\\
&+m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(00)}m_{032}^{(22)} - 2m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(00)}m_{023}^{(21)} + m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(00)}m_{014}^{(11)}\\
&-2m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(10)}m_{122}^{(22)} + 6m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(10)}m_{113}^{(21)} - 4m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(10)}m_{104}^{(11)}\\
&-2m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(10)}m_{023}^{(20)} + 2m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(10)}m_{014}^{(10)} - 2m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(20)}m_{122}^{(21)}\\
&+2m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(11)}m_{113}^{(20)} + 2m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(20)}m_{032}^{(20)} - 2m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(20)}m_{023}^{(10)}\\
&+2m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(21)}m_{221}^{(22)} - 6m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(21)}m_{212}^{(21)} + 4m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(21)}m_{203}^{(11)}\\
&+2m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(21)}m_{122}^{(20)} - 2m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(21)}m_{113}^{(10)} - m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(22)}m_{230}^{(22)}\\
&+4m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(22)}m_{221}^{(21)} - 3m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(22)}m_{212}^{(11)} - 2m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(22)}m_{131}^{(20)}\\
&+2m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(22)}m_{122}^{(10)} - 2m_{000}^{(00)}m_{000}^{(20)}m_{011}^{(00)}m_{041}^{(22)} + 4m_{000}^{(00)}m_{000}^{(20)}m_{011}^{(00)}m_{032}^{(21)}
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&-2m_{000}^{(00)}m_{000}^{(20)}m_{011}^{(00)}m_{023}^{(11)}+4m_{000}^{(00)}m_{000}^{(20)}m_{011}^{(10)}m_{131}^{(22)}-12m_{000}^{(00)}m_{000}^{(20)}m_{011}^{(10)}m_{122}^{(21)}\\
&+8m_{000}^{(00)}m_{000}^{(20)}m_{011}^{(10)}m_{113}^{(11)}+4m_{000}^{(00)}m_{000}^{(20)}m_{011}^{(10)}m_{032}^{(20)}-4m_{000}^{(00)}m_{000}^{(20)}m_{011}^{(10)}m_{023}^{(10)}\\
&-2m_{000}^{(00)}m_{000}^{(20)}m_{011}^{(11)}m_{221}^{(22)}+6m_{000}^{(00)}m_{000}^{(20)}m_{011}^{(11)}m_{212}^{(21)}-4m_{000}^{(00)}m_{000}^{(20)}m_{011}^{(11)}m_{203}^{(11)}\\
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&+m_{000}^{(00)}m_{000}^{(20)}m_{002}^{(00)}m_{032}^{(11)}-2m_{000}^{(00)}m_{000}^{(20)}m_{002}^{(10)}m_{140}^{(22)}+6m_{000}^{(00)}m_{000}^{(20)}m_{002}^{(10)}m_{131}^{(21)}\\
&-4m_{000}^{(00)}m_{000}^{(20)}m_{002}^{(10)}m_{122}^{(11)}-2m_{000}^{(00)}m_{000}^{(20)}m_{002}^{(10)}m_{041}^{(20)}+2m_{000}^{(00)}m_{000}^{(20)}m_{002}^{(10)}m_{032}^{(10)}\\
&+m_{000}^{(00)}m_{000}^{(20)}m_{002}^{(11)}m_{230}^{(22)}-4m_{000}^{(00)}m_{000}^{(20)}m_{002}^{(11)}m_{221}^{(21)}+3m_{000}^{(00)}m_{000}^{(20)}m_{002}^{(11)}m_{212}^{(11)}\\
&+2m_{000}^{(00)}m_{000}^{(20)}m_{002}^{(11)}m_{131}^{(20)}-2m_{000}^{(00)}m_{000}^{(20)}m_{002}^{(11)}m_{122}^{(10)}-2m_{000}^{(00)}m_{000}^{(20)}m_{002}^{(20)}m_{140}^{(21)}\\
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&+4m_{000}^{(10)}m_{000}^{(21)}m_{101}^{(00)}m_{032}^{(20)} - 4m_{000}^{(10)}m_{000}^{(21)}m_{101}^{(00)}m_{023}^{(10)} + 8m_{000}^{(10)}m_{000}^{(21)}m_{101}^{(10)}m_{221}^{(22)}\\
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&+2m_{000}^{(10)}m_{000}^{(22)}m_{200}^{(20)}m_{131}^{(21)} + 2m_{000}^{(10)}m_{000}^{(22)}m_{200}^{(20)}m_{041}^{(20)} - 2m_{000}^{(10)}m_{000}^{(22)}m_{200}^{(20)}m_{032}^{(10)}\\
&+2m_{000}^{(10)}m_{000}^{(22)}m_{200}^{(21)}m_{230}^{(22)} - 2m_{000}^{(10)}m_{000}^{(22)}m_{200}^{(21)}m_{221}^{(21)} - 2m_{000}^{(10)}m_{000}^{(22)}m_{200}^{(21)}m_{212}^{(11)}\\
&-2m_{000}^{(10)}m_{000}^{(22)}m_{200}^{(21)}m_{131}^{(20)} + 6m_{000}^{(10)}m_{000}^{(22)}m_{200}^{(21)}m_{122}^{(10)} - 2m_{000}^{(10)}m_{000}^{(22)}m_{200}^{(21)}m_{032}^{(00)}\\
&+m_{000}^{(10)}m_{000}^{(22)}m_{200}^{(22)}m_{221}^{(11)} - 2m_{000}^{(10)}m_{000}^{(22)}m_{200}^{(22)}m_{131}^{(10)} + m_{000}^{(10)}m_{000}^{(22)}m_{200}^{(22)}m_{041}^{(00)}\\
&-2m_{000}^{(10)}m_{000}^{(22)}m_{110}^{(00)}m_{131}^{(22)} + 2m_{000}^{(10)}m_{000}^{(22)}m_{110}^{(00)}m_{122}^{(21)} + 2m_{000}^{(10)}m_{000}^{(22)}m_{110}^{(00)}m_{032}^{(20)}\\
&-2m_{000}^{(10)}m_{000}^{(22)}m_{110}^{(00)}m_{023}^{(10)} + 2m_{000}^{(10)}m_{000}^{(22)}m_{110}^{(11)}m_{311}^{(22)} - 2m_{000}^{(10)}m_{000}^{(22)}m_{110}^{(11)}m_{302}^{(21)}\\
&-2m_{000}^{(10)}m_{000}^{(22)}m_{110}^{(11)}m_{212}^{(20)} + 2m_{000}^{(10)}m_{000}^{(22)}m_{110}^{(11)}m_{203}^{(10)} + 4m_{000}^{(10)}m_{000}^{(22)}m_{110}^{(20)}m_{230}^{(22)}\\
&-4m_{000}^{(10)}m_{000}^{(22)}m_{110}^{(20)}m_{221}^{(21)} - 4m_{000}^{(10)}m_{000}^{(22)}m_{110}^{(20)}m_{131}^{(20)} + 4m_{000}^{(10)}m_{000}^{(22)}m_{110}^{(20)}m_{122}^{(10)}\\
&-4m_{000}^{(10)}m_{000}^{(22)}m_{110}^{(21)}m_{320}^{(22)} + 4m_{000}^{(10)}m_{000}^{(22)}m_{110}^{(21)}m_{311}^{(21)} + 4m_{000}^{(10)}m_{000}^{(22)}m_{110}^{(21)}m_{221}^{(20)}\\
&-4m_{000}^{(10)}m_{000}^{(22)}m_{110}^{(21)}m_{212}^{(10)} + 2m_{000}^{(10)}m_{000}^{(22)}m_{101}^{(00)}m_{140}^{(22)} - 2m_{000}^{(10)}m_{000}^{(22)}m_{101}^{(00)}m_{131}^{(21)}\\
&-2m_{000}^{(10)}m_{000}^{(22)}m_{101}^{(00)}m_{041}^{(20)} + 2m_{000}^{(10)}m_{000}^{(22)}m_{101}^{(00)}m_{032}^{(10)} - 4m_{000}^{(10)}m_{000}^{(22)}m_{101}^{(10)}m_{230}^{(22)}\\
&+4m_{000}^{(10)}m_{000}^{(22)}m_{101}^{(10)}m_{221}^{(21)} + 4m_{000}^{(10)}m_{000}^{(22)}m_{101}^{(10)}m_{131}^{(20)} - 4m_{000}^{(10)}m_{000}^{(22)}m_{101}^{(10)}m_{122}^{(10)}\\
&+2m_{000}^{(10)}m_{000}^{(22)}m_{101}^{(11)}m_{320}^{(22)} - 2m_{000}^{(10)}m_{000}^{(22)}m_{101}^{(11)}m_{311}^{(21)} - 2m_{000}^{(10)}m_{000}^{(22)}m_{101}^{(11)}m_{302}^{(11)}\\
&-2m_{000}^{(10)}m_{000}^{(22)}m_{101}^{(11)}m_{221}^{(20)} + 6m_{000}^{(10)}m_{000}^{(22)}m_{101}^{(11)}m_{212}^{(10)} - 2m_{000}^{(10)}m_{000}^{(22)}m_{101}^{(11)}m_{122}^{(00)}\\
&+4m_{000}^{(10)}m_{000}^{(22)}m_{101}^{(21)}m_{311}^{(11)} - 8m_{000}^{(10)}m_{000}^{(22)}m_{101}^{(21)}m_{221}^{(10)} + 4m_{000}^{(10)}m_{000}^{(22)}m_{101}^{(21)}m_{131}^{(00)}\\
&-2m_{000}^{(10)}m_{000}^{(22)}m_{101}^{(22)}m_{320}^{(11)} + 4m_{000}^{(10)}m_{000}^{(22)}m_{101}^{(22)}m_{230}^{(10)} - 2m_{000}^{(10)}m_{000}^{(22)}m_{101}^{(22)}m_{140}^{(00)}\\
&+2m_{000}^{(10)}m_{000}^{(22)}m_{020}^{(00)}m_{221}^{(22)} - 2m_{000}^{(10)}m_{000}^{(22)}m_{020}^{(00)}m_{212}^{(21)} - m_{000}^{(10)}m_{000}^{(22)}m_{020}^{(00)}m_{203}^{(11)}\\
&-2m_{000}^{(10)}m_{000}^{(22)}m_{020}^{(00)}m_{122}^{(20)} + 4m_{000}^{(10)}m_{000}^{(22)}m_{020}^{(00)}m_{113}^{(10)} - m_{000}^{(10)}m_{000}^{(22)}m_{020}^{(00)}m_{023}^{(00)}\\
&-2m_{000}^{(10)}m_{000}^{(22)}m_{020}^{(10)}m_{311}^{(22)} + 2m_{000}^{(10)}m_{000}^{(22)}m_{020}^{(10)}m_{302}^{(21)} + 2m_{000}^{(10)}m_{000}^{(22)}m_{020}^{(10)}m_{212}^{(20)}\\
&-2m_{000}^{(10)}m_{000}^{(22)}m_{020}^{(10)}m_{203}^{(10)} - 2m_{000}^{(10)}m_{000}^{(22)}m_{020}^{(20)}m_{320}^{(22)} + 2m_{000}^{(10)}m_{000}^{(22)}m_{020}^{(20)}m_{311}^{(21)}\\
&+2m_{000}^{(10)}m_{000}^{(22)}m_{020}^{(20)}m_{302}^{(11)} + 2m_{000}^{(10)}m_{000}^{(22)}m_{020}^{(20)}m_{221}^{(20)} - 6m_{000}^{(10)}m_{000}^{(22)}m_{020}^{(20)}m_{212}^{(10)}\\
&+2m_{000}^{(10)}m_{000}^{(22)}m_{020}^{(20)}m_{122}^{(00)} + 2m_{000}^{(10)}m_{000}^{(22)}m_{020}^{(21)}m_{410}^{(22)} - 2m_{000}^{(10)}m_{000}^{(22)}m_{020}^{(21)}m_{401}^{(21)}\\
&-2m_{000}^{(10)}m_{000}^{(22)}m_{020}^{(21)}m_{311}^{(20)} + 2m_{000}^{(10)}m_{000}^{(22)}m_{020}^{(21)}m_{302}^{(10)} - m_{000}^{(10)}m_{000}^{(22)}m_{020}^{(22)}m_{401}^{(11)}
\end{aligned}
$$

$$+2m_{000}^{(10)}m_{000}^{(22)}m_{020}^{(22)}m_{311}^{(10)} - m_{000}^{(10)}m_{000}^{(22)}m_{020}^{(22)}m_{221}^{(00)} - 2m_{000}^{(10)}m_{000}^{(22)}m_{011}^{(00)}m_{230}^{(22)}$$
$$+2m_{000}^{(10)}m_{000}^{(22)}m_{011}^{(00)}m_{221}^{(21)} + 2m_{000}^{(10)}m_{000}^{(22)}m_{011}^{(00)}m_{212}^{(11)} + 2m_{000}^{(10)}m_{000}^{(22)}m_{011}^{(00)}m_{131}^{(20)}$$
$$-6m_{000}^{(10)}m_{000}^{(22)}m_{011}^{(00)}m_{122}^{(10)} + 2m_{000}^{(10)}m_{000}^{(22)}m_{011}^{(00)}m_{032}^{(00)} + 4m_{000}^{(10)}m_{000}^{(22)}m_{011}^{(10)}m_{320}^{(22)}$$
$$-4m_{000}^{(10)}m_{000}^{(22)}m_{011}^{(10)}m_{311}^{(21)} - 4m_{000}^{(10)}m_{000}^{(22)}m_{011}^{(10)}m_{221}^{(20)} + 4m_{000}^{(10)}m_{000}^{(22)}m_{011}^{(10)}m_{212}^{(10)}$$
$$-2m_{000}^{(10)}m_{000}^{(22)}m_{011}^{(11)}m_{410}^{(22)} + 2m_{000}^{(10)}m_{000}^{(22)}m_{011}^{(11)}m_{401}^{(21)} + 2m_{000}^{(10)}m_{000}^{(22)}m_{011}^{(11)}m_{311}^{(20)}$$
$$-2m_{000}^{(10)}m_{000}^{(22)}m_{011}^{(11)}m_{302}^{(10)} - 4m_{000}^{(10)}m_{000}^{(22)}m_{011}^{(20)}m_{311}^{(11)} + 8m_{000}^{(10)}m_{000}^{(22)}m_{011}^{(20)}m_{221}^{(10)}$$
$$-4m_{000}^{(10)}m_{000}^{(22)}m_{011}^{(20)}m_{131}^{(00)} + 2m_{000}^{(10)}m_{000}^{(22)}m_{011}^{(22)}m_{410}^{(11)} - 4m_{000}^{(10)}m_{000}^{(22)}m_{011}^{(22)}m_{320}^{(10)}$$
$$+2m_{000}^{(10)}m_{000}^{(22)}m_{011}^{(22)}m_{230}^{(00)} - m_{000}^{(10)}m_{000}^{(22)}m_{002}^{(00)}m_{221}^{(11)} + 2m_{000}^{(10)}m_{000}^{(22)}m_{002}^{(00)}m_{131}^{(10)}$$
$$-m_{000}^{(10)}m_{000}^{(22)}m_{002}^{(00)}m_{041}^{(00)} + m_{000}^{(10)}m_{000}^{(22)}m_{002}^{(11)}m_{401}^{(11)} - 2m_{000}^{(10)}m_{000}^{(22)}m_{002}^{(11)}m_{311}^{(10)}$$
$$+m_{000}^{(10)}m_{000}^{(22)}m_{002}^{(11)}m_{221}^{(00)} + 2m_{000}^{(10)}m_{000}^{(22)}m_{002}^{(20)}m_{320}^{(11)} - 4m_{000}^{(10)}m_{000}^{(22)}m_{002}^{(20)}m_{230}^{(10)}$$
$$+2m_{000}^{(10)}m_{000}^{(22)}m_{002}^{(20)}m_{140}^{(00)} - 2m_{000}^{(10)}m_{000}^{(22)}m_{002}^{(21)}m_{410}^{(11)} + 4m_{000}^{(10)}m_{000}^{(22)}m_{002}^{(21)}m_{320}^{(10)}$$
$$-2m_{000}^{(10)}m_{000}^{(22)}m_{002}^{(21)}m_{230}^{(00)} - (m_{000}^{(11)})^2m_{200}^{(10)}m_{203}^{(22)} + 2(m_{000}^{(11)})^2m_{200}^{(10)}m_{104}^{(20)}$$
$$-(m_{000}^{(11)})^2m_{200}^{(10)}m_{005}^{(00)} + (m_{000}^{(11)})^2m_{200}^{(20)}m_{212}^{(22)} - 2(m_{000}^{(11)})^2m_{200}^{(20)}m_{113}^{(20)}$$
$$+(m_{000}^{(11)})^2m_{200}^{(20)}m_{014}^{(00)} + (m_{000}^{(11)})^2m_{200}^{(21)}m_{302}^{(22)} - 2(m_{000}^{(11)})^2m_{200}^{(21)}m_{203}^{(20)}$$
$$+(m_{000}^{(11)})^2m_{200}^{(21)}m_{104}^{(00)} - (m_{000}^{(11)})^2m_{200}^{(22)}m_{311}^{(22)} + 2(m_{000}^{(11)})^2m_{200}^{(22)}m_{212}^{(20)}$$
$$-(m_{000}^{(11)})^2m_{200}^{(22)}m_{113}^{(00)} + (m_{000}^{(11)})^2m_{110}^{(00)}m_{203}^{(22)} - 2(m_{000}^{(11)})^2m_{110}^{(00)}m_{104}^{(20)}$$
$$+(m_{000}^{(11)})^2m_{110}^{(00)}m_{005}^{(00)} - 2(m_{000}^{(11)})^2m_{110}^{(20)}m_{302}^{(22)} + 4(m_{000}^{(11)})^2m_{110}^{(20)}m_{203}^{(20)}$$
$$-2(m_{000}^{(11)})^2m_{110}^{(20)}m_{104}^{(00)} + (m_{000}^{(11)})^2m_{110}^{(22)}m_{401}^{(22)} - 2(m_{000}^{(11)})^2m_{110}^{(22)}m_{302}^{(20)}$$
$$+(m_{000}^{(11)})^2m_{110}^{(22)}m_{203}^{(00)} - (m_{000}^{(11)})^2m_{101}^{(00)}m_{212}^{(22)} + 2(m_{000}^{(11)})^2m_{101}^{(00)}m_{113}^{(20)}$$
$$-(m_{000}^{(11)})^2m_{101}^{(00)}m_{014}^{(00)} + 2(m_{000}^{(11)})^2m_{101}^{(10)}m_{302}^{(22)} - 4(m_{000}^{(11)})^2m_{101}^{(10)}m_{203}^{(20)}$$
$$+2(m_{000}^{(11)})^2m_{101}^{(10)}m_{104}^{(00)} - 2(m_{000}^{(11)})^2m_{101}^{(21)}m_{401}^{(22)} + 4(m_{000}^{(11)})^2m_{101}^{(21)}m_{302}^{(20)}$$
$$-2(m_{000}^{(11)})^2m_{101}^{(21)}m_{203}^{(00)} + (m_{000}^{(11)})^2m_{101}^{(22)}m_{410}^{(22)} - 2(m_{000}^{(11)})^2m_{101}^{(22)}m_{311}^{(20)}$$
$$+(m_{000}^{(11)})^2m_{101}^{(22)}m_{212}^{(00)} - (m_{000}^{(11)})^2m_{011}^{(00)}m_{302}^{(22)} + 2(m_{000}^{(11)})^2m_{011}^{(00)}m_{203}^{(20)}$$
$$-(m_{000}^{(11)})^2m_{011}^{(00)}m_{104}^{(00)} + 2(m_{000}^{(11)})^2m_{011}^{(20)}m_{401}^{(22)} - 4(m_{000}^{(11)})^2m_{011}^{(20)}m_{302}^{(20)}$$
$$+2(m_{000}^{(11)})^2m_{011}^{(20)}m_{203}^{(00)} - (m_{000}^{(11)})^2m_{011}^{(22)}m_{500}^{(22)} + 2(m_{000}^{(11)})^2m_{011}^{(22)}m_{401}^{(20)}$$
$$-(m_{000}^{(11)})^2m_{011}^{(22)}m_{302}^{(00)} + (m_{000}^{(11)})^2m_{002}^{(00)}m_{311}^{(22)} - 2(m_{000}^{(11)})^2m_{002}^{(00)}m_{212}^{(20)}$$
$$+(m_{000}^{(11)})^2m_{002}^{(00)}m_{113}^{(00)} - (m_{000}^{(11)})^2m_{002}^{(10)}m_{401}^{(22)} + 2(m_{000}^{(11)})^2m_{002}^{(10)}m_{302}^{(20)}$$
$$-(m_{000}^{(11)})^2m_{002}^{(10)}m_{203}^{(00)} - (m_{000}^{(11)})^2m_{002}^{(20)}m_{410}^{(22)} + 2(m_{000}^{(11)})^2m_{002}^{(20)}m_{311}^{(20)}$$
$$-(m_{000}^{(11)})^2m_{002}^{(20)}m_{212}^{(00)} + (m_{000}^{(11)})^2m_{002}^{(21)}m_{500}^{(22)} - 2(m_{000}^{(11)})^2m_{002}^{(21)}m_{401}^{(20)}$$
$$+(m_{000}^{(11)})^2m_{002}^{(21)}m_{302}^{(00)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{200}^{(10)}m_{113}^{(21)} + 2m_{000}^{(11)}m_{000}^{(20)}m_{200}^{(10)}m_{104}^{(11)}$$
$$+2m_{000}^{(11)}m_{000}^{(20)}m_{200}^{(10)}m_{023}^{(20)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{200}^{(10)}m_{014}^{(10)} - m_{000}^{(11)}m_{000}^{(20)}m_{200}^{(11)}m_{212}^{(22)}$$
$$+2m_{000}^{(11)}m_{000}^{(20)}m_{200}^{(11)}m_{113}^{(20)} - m_{000}^{(11)}m_{000}^{(20)}m_{200}^{(11)}m_{014}^{(00)} + 2m_{000}^{(11)}m_{000}^{(20)}m_{200}^{(20)}m_{122}^{(21)}$$
$$-2m_{000}^{(11)}m_{000}^{(20)}m_{200}^{(20)}m_{113}^{(11)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{200}^{(20)}m_{032}^{(20)} + 2m_{000}^{(11)}m_{000}^{(20)}m_{200}^{(20)}m_{023}^{(10)}$$
$$+2m_{000}^{(11)}m_{000}^{(20)}m_{200}^{(21)}m_{221}^{(22)} + 2m_{000}^{(11)}m_{000}^{(20)}m_{200}^{(21)}m_{212}^{(21)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{200}^{(21)}m_{203}^{(11)}$$
$$-6m_{000}^{(11)}m_{000}^{(20)}m_{200}^{(21)}m_{122}^{(20)} + 2m_{000}^{(11)}m_{000}^{(20)}m_{200}^{(21)}m_{113}^{(10)} + 2m_{000}^{(11)}m_{000}^{(20)}m_{200}^{(21)}m_{023}^{(00)}$$
$$-m_{000}^{(11)}m_{000}^{(20)}m_{200}^{(22)}m_{230}^{(22)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{200}^{(22)}m_{221}^{(21)} + 2m_{000}^{(11)}m_{000}^{(20)}m_{200}^{(22)}m_{212}^{(11)}$$
$$+4m_{000}^{(11)}m_{000}^{(20)}m_{200}^{(22)}m_{131}^{(20)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{200}^{(22)}m_{122}^{(10)} - m_{000}^{(11)}m_{000}^{(20)}m_{200}^{(22)}m_{032}^{(00)}$$
$$+2m_{000}^{(11)}m_{000}^{(20)}m_{110}^{(00)}m_{113}^{(21)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{110}^{(00)}m_{104}^{(11)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{110}^{(00)}m_{023}^{(20)}$$

$$+2m_{000}^{(11)}m_{000}^{(20)}m_{110}^{(00)}m_{014}^{(10)}+2m_{000}^{(11)}m_{000}^{(20)}m_{110}^{(11)}m_{302}^{(22)}-4m_{000}^{(11)}m_{000}^{(20)}m_{110}^{(11)}m_{203}^{(20)}$$
$$+2m_{000}^{(11)}m_{000}^{(20)}m_{110}^{(11)}m_{104}^{(00)}-4m_{000}^{(11)}m_{000}^{(20)}m_{110}^{(20)}m_{212}^{(21)}+4m_{000}^{(11)}m_{000}^{(20)}m_{110}^{(20)}m_{203}^{(11)}$$
$$+4m_{000}^{(11)}m_{000}^{(20)}m_{110}^{(20)}m_{122}^{(20)}-4m_{000}^{(11)}m_{000}^{(20)}m_{110}^{(20)}m_{113}^{(10)}-4m_{000}^{(11)}m_{000}^{(20)}m_{110}^{(21)}m_{311}^{(22)}$$
$$+8m_{000}^{(11)}m_{000}^{(20)}m_{110}^{(21)}m_{212}^{(20)}-4m_{000}^{(11)}m_{000}^{(20)}m_{110}^{(21)}m_{113}^{(00)}+2m_{000}^{(11)}m_{000}^{(20)}m_{110}^{(22)}m_{320}^{(22)}$$
$$+2m_{000}^{(11)}m_{000}^{(20)}m_{110}^{(22)}m_{311}^{(21)}-2m_{000}^{(11)}m_{000}^{(20)}m_{110}^{(22)}m_{302}^{(11)}-6m_{000}^{(11)}m_{000}^{(20)}m_{110}^{(22)}m_{221}^{(20)}$$
$$+2m_{000}^{(11)}m_{000}^{(20)}m_{110}^{(22)}m_{212}^{(10)}+2m_{000}^{(11)}m_{000}^{(20)}m_{110}^{(22)}m_{122}^{(00)}-2m_{000}^{(11)}m_{000}^{(20)}m_{101}^{(00)}m_{122}^{(21)}$$
$$+2m_{000}^{(11)}m_{000}^{(20)}m_{101}^{(00)}m_{113}^{(11)}+2m_{000}^{(11)}m_{000}^{(20)}m_{101}^{(00)}m_{032}^{(20)}-2m_{000}^{(11)}m_{000}^{(20)}m_{101}^{(00)}m_{023}^{(10)}$$
$$+4m_{000}^{(11)}m_{000}^{(20)}m_{101}^{(10)}m_{212}^{(21)}-4m_{000}^{(11)}m_{000}^{(20)}m_{101}^{(10)}m_{203}^{(11)}-4m_{000}^{(11)}m_{000}^{(20)}m_{101}^{(10)}m_{122}^{(20)}$$
$$+4m_{000}^{(11)}m_{000}^{(20)}m_{101}^{(10)}m_{113}^{(10)}-4m_{000}^{(11)}m_{000}^{(20)}m_{101}^{(21)}m_{311}^{(21)}+4m_{000}^{(11)}m_{000}^{(20)}m_{101}^{(21)}m_{302}^{(11)}$$
$$+4m_{000}^{(11)}m_{000}^{(20)}m_{101}^{(21)}m_{221}^{(20)}-4m_{000}^{(11)}m_{000}^{(20)}m_{101}^{(21)}m_{212}^{(10)}+2m_{000}^{(11)}m_{000}^{(20)}m_{101}^{(22)}m_{320}^{(21)}$$
$$-2m_{000}^{(11)}m_{000}^{(20)}m_{101}^{(22)}m_{311}^{(11)}-2m_{000}^{(11)}m_{000}^{(20)}m_{101}^{(22)}m_{230}^{(20)}+2m_{000}^{(11)}m_{000}^{(20)}m_{101}^{(22)}m_{221}^{(10)}$$
$$+m_{000}^{(11)}m_{000}^{(20)}m_{020}^{(00)}m_{212}^{(22)}-2m_{000}^{(11)}m_{000}^{(20)}m_{020}^{(00)}m_{113}^{(20)}+m_{000}^{(11)}m_{000}^{(20)}m_{020}^{(00)}m_{014}^{(00)}$$
$$-2m_{000}^{(11)}m_{000}^{(20)}m_{020}^{(10)}m_{302}^{(22)}+4m_{000}^{(11)}m_{000}^{(20)}m_{020}^{(10)}m_{203}^{(20)}-2m_{000}^{(11)}m_{000}^{(20)}m_{020}^{(10)}m_{104}^{(00)}$$
$$+2m_{000}^{(11)}m_{000}^{(20)}m_{020}^{(21)}m_{401}^{(22)}-4m_{000}^{(11)}m_{000}^{(20)}m_{020}^{(21)}m_{302}^{(20)}+2m_{000}^{(11)}m_{000}^{(20)}m_{020}^{(21)}m_{203}^{(00)}$$
$$-m_{000}^{(11)}m_{000}^{(20)}m_{020}^{(22)}m_{410}^{(22)}+2m_{000}^{(11)}m_{000}^{(20)}m_{020}^{(22)}m_{311}^{(20)}-m_{000}^{(11)}m_{000}^{(20)}m_{020}^{(22)}m_{212}^{(00)}$$
$$-2m_{000}^{(11)}m_{000}^{(20)}m_{011}^{(00)}m_{221}^{(22)}-2m_{000}^{(11)}m_{000}^{(20)}m_{011}^{(00)}m_{212}^{(21)}+2m_{000}^{(11)}m_{000}^{(20)}m_{011}^{(00)}m_{203}^{(11)}$$
$$+6m_{000}^{(11)}m_{000}^{(20)}m_{011}^{(00)}m_{122}^{(20)}-2m_{000}^{(11)}m_{000}^{(20)}m_{011}^{(00)}m_{113}^{(10)}-2m_{000}^{(11)}m_{000}^{(20)}m_{011}^{(00)}m_{023}^{(00)}$$
$$+4m_{000}^{(11)}m_{000}^{(20)}m_{011}^{(10)}m_{311}^{(22)}-8m_{000}^{(11)}m_{000}^{(20)}m_{011}^{(10)}m_{212}^{(20)}+4m_{000}^{(11)}m_{000}^{(20)}m_{011}^{(10)}m_{113}^{(00)}$$
$$-2m_{000}^{(11)}m_{000}^{(20)}m_{011}^{(11)}m_{401}^{(22)}+4m_{000}^{(11)}m_{000}^{(20)}m_{011}^{(11)}m_{302}^{(20)}-2m_{000}^{(11)}m_{000}^{(20)}m_{011}^{(11)}m_{203}^{(00)}$$
$$+4m_{000}^{(11)}m_{000}^{(20)}m_{011}^{(20)}m_{311}^{(21)}-4m_{000}^{(11)}m_{000}^{(20)}m_{011}^{(20)}m_{302}^{(11)}-4m_{000}^{(11)}m_{000}^{(20)}m_{011}^{(20)}m_{221}^{(20)}$$
$$+4m_{000}^{(11)}m_{000}^{(20)}m_{011}^{(20)}m_{212}^{(10)}-2m_{000}^{(11)}m_{000}^{(20)}m_{011}^{(22)}m_{410}^{(21)}+2m_{000}^{(11)}m_{000}^{(20)}m_{011}^{(22)}m_{401}^{(11)}$$
$$+2m_{000}^{(11)}m_{000}^{(20)}m_{011}^{(22)}m_{320}^{(20)}-2m_{000}^{(11)}m_{000}^{(20)}m_{011}^{(22)}m_{311}^{(10)}+m_{000}^{(11)}m_{000}^{(20)}m_{002}^{(00)}m_{230}^{(22)}$$
$$+2m_{000}^{(11)}m_{000}^{(20)}m_{002}^{(00)}m_{221}^{(21)}-2m_{000}^{(11)}m_{000}^{(20)}m_{002}^{(00)}m_{212}^{(11)}-4m_{000}^{(11)}m_{000}^{(20)}m_{002}^{(00)}m_{131}^{(20)}$$
$$+2m_{000}^{(11)}m_{000}^{(20)}m_{002}^{(00)}m_{122}^{(10)}+m_{000}^{(11)}m_{000}^{(20)}m_{002}^{(00)}m_{032}^{(00)}-2m_{000}^{(11)}m_{000}^{(20)}m_{002}^{(10)}m_{320}^{(22)}$$
$$-2m_{000}^{(11)}m_{000}^{(20)}m_{002}^{(10)}m_{311}^{(21)}+2m_{000}^{(11)}m_{000}^{(20)}m_{002}^{(10)}m_{302}^{(11)}+6m_{000}^{(11)}m_{000}^{(20)}m_{002}^{(10)}m_{221}^{(20)}$$
$$-2m_{000}^{(11)}m_{000}^{(20)}m_{002}^{(10)}m_{212}^{(10)}-2m_{000}^{(11)}m_{000}^{(20)}m_{002}^{(10)}m_{122}^{(00)}+m_{000}^{(11)}m_{000}^{(20)}m_{002}^{(11)}m_{410}^{(22)}$$
$$-2m_{000}^{(11)}m_{000}^{(20)}m_{002}^{(11)}m_{311}^{(20)}+m_{000}^{(11)}m_{000}^{(20)}m_{002}^{(11)}m_{212}^{(00)}-2m_{000}^{(11)}m_{000}^{(20)}m_{002}^{(20)}m_{320}^{(21)}$$
$$+2m_{000}^{(11)}m_{000}^{(20)}m_{002}^{(20)}m_{311}^{(11)}+2m_{000}^{(11)}m_{000}^{(20)}m_{002}^{(20)}m_{230}^{(20)}-2m_{000}^{(11)}m_{000}^{(20)}m_{002}^{(20)}m_{221}^{(10)}$$
$$+2m_{000}^{(11)}m_{000}^{(20)}m_{002}^{(21)}m_{410}^{(21)}-2m_{000}^{(11)}m_{000}^{(20)}m_{002}^{(21)}m_{401}^{(11)}-2m_{000}^{(11)}m_{000}^{(20)}m_{002}^{(21)}m_{320}^{(20)}$$
$$+2m_{000}^{(11)}m_{000}^{(20)}m_{002}^{(21)}m_{311}^{(10)}+2m_{000}^{(11)}m_{000}^{(21)}m_{200}^{(10)}m_{212}^{(22)}+2m_{000}^{(11)}m_{000}^{(21)}m_{200}^{(10)}m_{203}^{(21)}$$
$$-6m_{000}^{(11)}m_{000}^{(21)}m_{200}^{(10)}m_{113}^{(20)}-2m_{000}^{(11)}m_{000}^{(21)}m_{200}^{(10)}m_{104}^{(10)}+4m_{000}^{(11)}m_{000}^{(21)}m_{200}^{(10)}m_{014}^{(00)}$$
$$-m_{000}^{(11)}m_{000}^{(21)}m_{200}^{(11)}m_{302}^{(22)}+2m_{000}^{(11)}m_{000}^{(21)}m_{200}^{(11)}m_{203}^{(20)}-m_{000}^{(11)}m_{000}^{(21)}m_{200}^{(11)}m_{104}^{(00)}$$
$$-2m_{000}^{(11)}m_{000}^{(21)}m_{200}^{(20)}m_{221}^{(22)}-2m_{000}^{(11)}m_{000}^{(21)}m_{200}^{(20)}m_{212}^{(21)}+6m_{000}^{(11)}m_{000}^{(21)}m_{200}^{(20)}m_{122}^{(20)}$$
$$+2m_{000}^{(11)}m_{000}^{(21)}m_{200}^{(20)}m_{113}^{(10)}-4m_{000}^{(11)}m_{000}^{(21)}m_{200}^{(20)}m_{023}^{(00)}-2m_{000}^{(11)}m_{000}^{(21)}m_{200}^{(21)}m_{302}^{(21)}$$
$$+2m_{000}^{(11)}m_{000}^{(21)}m_{200}^{(21)}m_{212}^{(20)}+2m_{000}^{(11)}m_{000}^{(21)}m_{200}^{(21)}m_{203}^{(10)}-2m_{000}^{(11)}m_{000}^{(21)}m_{200}^{(21)}m_{113}^{(00)}$$
$$+m_{000}^{(11)}m_{000}^{(21)}m_{200}^{(22)}m_{320}^{(22)}+2m_{000}^{(11)}m_{000}^{(21)}m_{200}^{(22)}m_{311}^{(21)}-4m_{000}^{(11)}m_{000}^{(21)}m_{200}^{(22)}m_{221}^{(20)}$$
$$-2m_{000}^{(11)}m_{000}^{(21)}m_{200}^{(22)}m_{212}^{(10)}+3m_{000}^{(11)}m_{000}^{(21)}m_{200}^{(22)}m_{122}^{(00)}-2m_{000}^{(11)}m_{000}^{(21)}m_{110}^{(00)}m_{212}^{(22)}$$
$$-2m_{000}^{(11)}m_{000}^{(21)}m_{110}^{(00)}m_{203}^{(21)}+6m_{000}^{(11)}m_{000}^{(21)}m_{110}^{(00)}m_{113}^{(20)}+2m_{000}^{(11)}m_{000}^{(21)}m_{110}^{(00)}m_{104}^{(10)}$$

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\begin{aligned}
&-4m_{000}^{(11)}m_{000}^{(21)}m_{110}^{(00)}m_{014}^{(00)} + 4m_{000}^{(11)}m_{000}^{(21)}m_{110}^{(20)}m_{311}^{(22)} + 4m_{000}^{(11)}m_{000}^{(21)}m_{110}^{(20)}m_{302}^{(21)}\\
&-12m_{000}^{(11)}m_{000}^{(21)}m_{110}^{(20)}m_{212}^{(20)} - 4m_{000}^{(11)}m_{000}^{(21)}m_{110}^{(20)}m_{203}^{(10)} + 8m_{000}^{(11)}m_{000}^{(21)}m_{110}^{(20)}m_{113}^{(00)}\\
&-2m_{000}^{(11)}m_{000}^{(21)}m_{110}^{(22)}m_{410}^{(22)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{110}^{(22)}m_{401}^{(21)} + 6m_{000}^{(11)}m_{000}^{(21)}m_{110}^{(22)}m_{311}^{(20)}\\
&+2m_{000}^{(11)}m_{000}^{(21)}m_{110}^{(22)}m_{302}^{(10)} - 4m_{000}^{(11)}m_{000}^{(21)}m_{110}^{(22)}m_{212}^{(00)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{101}^{(00)}m_{221}^{(22)}\\
&+2m_{000}^{(11)}m_{000}^{(21)}m_{101}^{(00)}m_{212}^{(21)} - 6m_{000}^{(11)}m_{000}^{(21)}m_{101}^{(00)}m_{122}^{(20)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{101}^{(00)}m_{113}^{(10)}\\
&+4m_{000}^{(11)}m_{000}^{(21)}m_{101}^{(00)}m_{023}^{(00)} - 4m_{000}^{(11)}m_{000}^{(21)}m_{101}^{(10)}m_{311}^{(22)} - 4m_{000}^{(11)}m_{000}^{(21)}m_{101}^{(10)}m_{302}^{(21)}\\
&+12m_{000}^{(11)}m_{000}^{(21)}m_{101}^{(10)}m_{212}^{(20)} + 4m_{000}^{(11)}m_{000}^{(21)}m_{101}^{(10)}m_{203}^{(10)} - 8m_{000}^{(11)}m_{000}^{(21)}m_{101}^{(10)}m_{113}^{(00)}\\
&+2m_{000}^{(11)}m_{000}^{(21)}m_{101}^{(11)}m_{401}^{(22)} - 4m_{000}^{(11)}m_{000}^{(21)}m_{101}^{(11)}m_{302}^{(20)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{101}^{(11)}m_{203}^{(00)}\\
&+4m_{000}^{(11)}m_{000}^{(21)}m_{101}^{(21)}m_{401}^{(21)} - 4m_{000}^{(11)}m_{000}^{(21)}m_{101}^{(20)}m_{311}^{(20)} - 4m_{000}^{(11)}m_{000}^{(21)}m_{101}^{(21)}m_{302}^{(10)}\\
&+4m_{000}^{(11)}m_{000}^{(21)}m_{101}^{(21)}m_{212}^{(00)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{101}^{(22)}m_{410}^{(21)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{101}^{(22)}m_{320}^{(20)}\\
&+2m_{000}^{(11)}m_{000}^{(21)}m_{101}^{(22)}m_{311}^{(10)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{101}^{(22)}m_{221}^{(00)} + m_{000}^{(11)}m_{000}^{(21)}m_{020}^{(00)}m_{302}^{(22)}\\
&-2m_{000}^{(11)}m_{000}^{(21)}m_{020}^{(00)}m_{203}^{(20)} + m_{000}^{(11)}m_{000}^{(21)}m_{020}^{(00)}m_{104}^{(00)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{020}^{(20)}m_{401}^{(22)}\\
&+4m_{000}^{(11)}m_{000}^{(21)}m_{020}^{(20)}m_{302}^{(20)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{020}^{(20)}m_{203}^{(00)} + m_{000}^{(11)}m_{000}^{(21)}m_{020}^{(22)}m_{500}^{(22)}\\
&-2m_{000}^{(11)}m_{000}^{(21)}m_{020}^{(22)}m_{401}^{(20)} + m_{000}^{(11)}m_{000}^{(21)}m_{020}^{(22)}m_{302}^{(00)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{011}^{(00)}m_{302}^{(21)}\\
&-2m_{000}^{(11)}m_{000}^{(21)}m_{011}^{(00)}m_{212}^{(20)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{011}^{(00)}m_{203}^{(10)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{011}^{(00)}m_{113}^{(00)}\\
&-4m_{000}^{(11)}m_{000}^{(21)}m_{011}^{(20)}m_{401}^{(21)} + 4m_{000}^{(11)}m_{000}^{(21)}m_{011}^{(20)}m_{311}^{(20)} + 4m_{000}^{(11)}m_{000}^{(21)}m_{011}^{(20)}m_{302}^{(10)}\\
&-4m_{000}^{(11)}m_{000}^{(21)}m_{011}^{(20)}m_{212}^{(00)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{011}^{(22)}m_{500}^{(21)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{011}^{(22)}m_{410}^{(20)}\\
&-2m_{000}^{(11)}m_{000}^{(21)}m_{011}^{(22)}m_{401}^{(10)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{011}^{(22)}m_{311}^{(00)} - m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(00)}m_{320}^{(22)}\\
&-2m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(00)}m_{311}^{(21)} + 4m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(00)}m_{221}^{(20)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(00)}m_{212}^{(10)}\\
&-3m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(00)}m_{122}^{(00)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(10)}m_{410}^{(22)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(10)}m_{401}^{(21)}\\
&-6m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(10)}m_{311}^{(20)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(10)}m_{302}^{(10)} + 4m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(10)}m_{212}^{(00)}\\
&-m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(11)}m_{500}^{(22)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(11)}m_{401}^{(20)} - m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(11)}m_{302}^{(00)}\\
&+2m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(20)}m_{410}^{(21)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(20)}m_{320}^{(20)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(20)}m_{311}^{(10)}\\
&+2m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(20)}m_{221}^{(00)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(21)}m_{500}^{(21)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(21)}m_{410}^{(20)}\\
&+2m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(21)}m_{401}^{(10)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(21)}m_{311}^{(00)} - m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(10)}m_{221}^{(22)}\\
&-m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(10)}m_{203}^{(11)} + 2m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(10)}m_{122}^{(20)} + 2m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(10)}m_{113}^{(10)}\\
&-2m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(10)}m_{023}^{(00)} + m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(11)}m_{311}^{(22)} - 2m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(11)}m_{212}^{(20)}\\
&+m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(11)}m_{113}^{(00)} + m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(20)}m_{230}^{(22)} + m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(20)}m_{212}^{(11)}\\
&-2m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(20)}m_{131}^{(20)} - 2m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(20)}m_{122}^{(10)} + 2m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(20)}m_{032}^{(00)}\\
&-m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(21)}m_{320}^{(22)} + m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(21)}m_{302}^{(11)} + 2m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(21)}m_{221}^{(20)}\\
&-2m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(21)}m_{212}^{(10)} - m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(22)}m_{311}^{(11)} + 2m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(22)}m_{221}^{(10)}\\
&-m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(22)}m_{131}^{(00)} + m_{000}^{(11)}m_{000}^{(22)}m_{110}^{(00)}m_{221}^{(22)} + m_{000}^{(11)}m_{000}^{(22)}m_{110}^{(00)}m_{203}^{(11)}\\
&-2m_{000}^{(11)}m_{000}^{(22)}m_{110}^{(00)}m_{122}^{(20)} - 2m_{000}^{(11)}m_{000}^{(22)}m_{110}^{(00)}m_{113}^{(10)} + 2m_{000}^{(11)}m_{000}^{(22)}m_{110}^{(00)}m_{023}^{(00)}\\
&-m_{000}^{(11)}m_{000}^{(22)}m_{110}^{(11)}m_{401}^{(22)} + 2m_{000}^{(11)}m_{000}^{(22)}m_{110}^{(11)}m_{302}^{(20)} - m_{000}^{(11)}m_{000}^{(22)}m_{110}^{(11)}m_{203}^{(00)}\\
&-2m_{000}^{(11)}m_{000}^{(22)}m_{110}^{(20)}m_{320}^{(22)} - 2m_{000}^{(11)}m_{000}^{(22)}m_{110}^{(20)}m_{302}^{(11)} + 4m_{000}^{(11)}m_{000}^{(22)}m_{110}^{(20)}m_{221}^{(20)}\\
&+4m_{000}^{(11)}m_{000}^{(22)}m_{110}^{(20)}m_{212}^{(10)} - 4m_{000}^{(11)}m_{000}^{(22)}m_{110}^{(20)}m_{122}^{(00)} + 2m_{000}^{(11)}m_{000}^{(22)}m_{110}^{(21)}m_{410}^{(22)}\\
&-4m_{000}^{(11)}m_{000}^{(22)}m_{110}^{(21)}m_{311}^{(20)} + 2m_{000}^{(11)}m_{000}^{(22)}m_{110}^{(21)}m_{212}^{(00)} + m_{000}^{(11)}m_{000}^{(22)}m_{110}^{(22)}m_{401}^{(11)}\\
&-2m_{000}^{(11)}m_{000}^{(22)}m_{110}^{(22)}m_{311}^{(10)} + m_{000}^{(11)}m_{000}^{(22)}m_{110}^{(22)}m_{221}^{(00)} - m_{000}^{(11)}m_{000}^{(22)}m_{101}^{(00)}m_{230}^{(22)}
\end{aligned}
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\begin{aligned}
&-m_{000}^{(11)}m_{000}^{(22)}m_{101}^{(00)}m_{212}^{(11)} + 2m_{000}^{(11)}m_{000}^{(22)}m_{101}^{(00)}m_{131}^{(20)} + 2m_{000}^{(11)}m_{000}^{(22)}m_{101}^{(00)}m_{122}^{(10)}\\
&-2m_{000}^{(11)}m_{000}^{(22)}m_{101}^{(00)}m_{032}^{(00)} + 2m_{000}^{(11)}m_{000}^{(22)}m_{101}^{(10)}m_{320}^{(22)} + 2m_{000}^{(11)}m_{000}^{(22)}m_{101}^{(10)}m_{302}^{(11)}\\
&-4m_{000}^{(11)}m_{000}^{(22)}m_{101}^{(10)}m_{221}^{(20)} - 4m_{000}^{(11)}m_{000}^{(22)}m_{101}^{(10)}m_{212}^{(10)} + 4m_{000}^{(11)}m_{000}^{(22)}m_{101}^{(10)}m_{122}^{(00)}\\
&-m_{000}^{(11)}m_{000}^{(22)}m_{101}^{(11)}m_{410}^{(22)} + 2m_{000}^{(11)}m_{000}^{(22)}m_{101}^{(11)}m_{311}^{(20)} - m_{000}^{(11)}m_{000}^{(22)}m_{101}^{(11)}m_{212}^{(00)}\\
&-2m_{000}^{(11)}m_{000}^{(22)}m_{101}^{(21)}m_{401}^{(11)} + 4m_{000}^{(11)}m_{000}^{(22)}m_{101}^{(21)}m_{311}^{(10)} - 2m_{000}^{(11)}m_{000}^{(22)}m_{101}^{(21)}m_{221}^{(00)}\\
&+m_{000}^{(11)}m_{000}^{(22)}m_{101}^{(22)}m_{410}^{(11)} - 2m_{000}^{(11)}m_{000}^{(22)}m_{101}^{(22)}m_{320}^{(10)} + m_{000}^{(11)}m_{000}^{(22)}m_{101}^{(22)}m_{230}^{(00)}\\
&-m_{000}^{(11)}m_{000}^{(22)}m_{020}^{(00)}m_{311}^{(22)} + 2m_{000}^{(11)}m_{000}^{(22)}m_{020}^{(00)}m_{212}^{(20)} - m_{000}^{(11)}m_{000}^{(22)}m_{020}^{(00)}m_{113}^{(00)}\\
&+m_{000}^{(11)}m_{000}^{(22)}m_{020}^{(10)}m_{401}^{(22)} - 2m_{000}^{(11)}m_{000}^{(22)}m_{020}^{(10)}m_{302}^{(20)} + m_{000}^{(11)}m_{000}^{(22)}m_{020}^{(10)}m_{203}^{(00)}\\
&+m_{000}^{(11)}m_{000}^{(22)}m_{020}^{(20)}m_{410}^{(22)} - 2m_{000}^{(11)}m_{000}^{(22)}m_{020}^{(20)}m_{311}^{(20)} + m_{000}^{(11)}m_{000}^{(22)}m_{020}^{(20)}m_{212}^{(00)}\\
&-m_{000}^{(11)}m_{000}^{(22)}m_{020}^{(21)}m_{500}^{(22)} + 2m_{000}^{(11)}m_{000}^{(22)}m_{020}^{(21)}m_{401}^{(20)} - m_{000}^{(11)}m_{000}^{(22)}m_{020}^{(21)}m_{302}^{(00)}\\
&+m_{000}^{(11)}m_{000}^{(22)}m_{011}^{(00)}m_{320}^{(22)} - m_{000}^{(11)}m_{000}^{(22)}m_{011}^{(00)}m_{302}^{(11)} - 2m_{000}^{(11)}m_{000}^{(22)}m_{011}^{(00)}m_{221}^{(20)}\\
&+2m_{000}^{(11)}m_{000}^{(22)}m_{011}^{(00)}m_{212}^{(10)} - 2m_{000}^{(11)}m_{000}^{(22)}m_{011}^{(10)}m_{410}^{(22)} + 4m_{000}^{(11)}m_{000}^{(22)}m_{011}^{(10)}m_{311}^{(20)}\\
&-2m_{000}^{(11)}m_{000}^{(22)}m_{011}^{(10)}m_{212}^{(00)} + m_{000}^{(11)}m_{000}^{(22)}m_{011}^{(11)}m_{500}^{(22)} - 2m_{000}^{(11)}m_{000}^{(22)}m_{011}^{(11)}m_{401}^{(20)}\\
&+m_{000}^{(11)}m_{000}^{(22)}m_{011}^{(11)}m_{302}^{(00)} + 2m_{000}^{(11)}m_{000}^{(22)}m_{011}^{(20)}m_{401}^{(11)} - 4m_{000}^{(11)}m_{000}^{(22)}m_{011}^{(20)}m_{311}^{(10)}\\
&+2m_{000}^{(11)}m_{000}^{(22)}m_{011}^{(20)}m_{221}^{(00)} - m_{000}^{(11)}m_{000}^{(22)}m_{011}^{(22)}m_{500}^{(11)} + 2m_{000}^{(11)}m_{000}^{(22)}m_{011}^{(22)}m_{410}^{(10)}\\
&-m_{000}^{(11)}m_{000}^{(22)}m_{011}^{(22)}m_{320}^{(00)} + m_{000}^{(11)}m_{000}^{(22)}m_{002}^{(00)}m_{311}^{(11)} - 2m_{000}^{(11)}m_{000}^{(22)}m_{002}^{(00)}m_{221}^{(10)}\\
&+m_{000}^{(11)}m_{000}^{(22)}m_{002}^{(00)}m_{131}^{(00)} - m_{000}^{(11)}m_{000}^{(22)}m_{002}^{(10)}m_{401}^{(11)} + 2m_{000}^{(11)}m_{000}^{(22)}m_{002}^{(10)}m_{311}^{(10)}\\
&-m_{000}^{(11)}m_{000}^{(22)}m_{002}^{(10)}m_{221}^{(00)} - m_{000}^{(11)}m_{000}^{(22)}m_{002}^{(20)}m_{410}^{(11)} + 2m_{000}^{(11)}m_{000}^{(22)}m_{002}^{(20)}m_{320}^{(10)}\\
&-m_{000}^{(11)}m_{000}^{(22)}m_{002}^{(20)}m_{230}^{(00)} + m_{000}^{(11)}m_{000}^{(22)}m_{002}^{(21)}m_{500}^{(11)} - 2m_{000}^{(11)}m_{000}^{(22)}m_{002}^{(21)}m_{410}^{(10)}\\
&+m_{000}^{(11)}m_{000}^{(22)}m_{002}^{(21)}m_{320}^{(00)} - 2(m_{000}^{(20)})^2m_{200}^{(11)}m_{122}^{(21)} + 2(m_{000}^{(20)})^2m_{200}^{(11)}m_{113}^{(11)}\\
&+2(m_{000}^{(20)})^2m_{200}^{(11)}m_{032}^{(20)} - 2(m_{000}^{(20)})^2m_{200}^{(11)}m_{023}^{(10)} + 4(m_{000}^{(20)})^2m_{200}^{(21)}m_{131}^{(21)}\\
&-4(m_{000}^{(20)})^2m_{200}^{(21)}m_{122}^{(11)} - 4(m_{000}^{(20)})^2m_{200}^{(21)}m_{041}^{(20)} + 4(m_{000}^{(20)})^2m_{200}^{(21)}m_{032}^{(10)}\\
&-2(m_{000}^{(20)})^2m_{200}^{(22)}m_{140}^{(21)} + 2(m_{000}^{(20)})^2m_{200}^{(22)}m_{131}^{(11)} + 2(m_{000}^{(20)})^2m_{200}^{(22)}m_{050}^{(20)}\\
&-2(m_{000}^{(20)})^2m_{200}^{(22)}m_{041}^{(10)} + 4(m_{000}^{(20)})^2m_{110}^{(11)}m_{212}^{(21)} - 4(m_{000}^{(20)})^2m_{110}^{(11)}m_{203}^{(11)}\\
&-4(m_{000}^{(20)})^2m_{110}^{(11)}m_{122}^{(20)} + 4(m_{000}^{(20)})^2m_{110}^{(11)}m_{113}^{(10)} - 8(m_{000}^{(20)})^2m_{110}^{(21)}m_{221}^{(21)}\\
&+8(m_{000}^{(20)})^2m_{110}^{(21)}m_{212}^{(11)} + 8(m_{000}^{(20)})^2m_{110}^{(21)}m_{131}^{(20)} - 8(m_{000}^{(20)})^2m_{110}^{(21)}m_{122}^{(10)}\\
&+4(m_{000}^{(20)})^2m_{110}^{(22)}m_{230}^{(21)} - 4(m_{000}^{(20)})^2m_{110}^{(22)}m_{221}^{(11)} - 4(m_{000}^{(20)})^2m_{110}^{(22)}m_{140}^{(20)}\\
&+4(m_{000}^{(20)})^2m_{110}^{(22)}m_{131}^{(10)} + 2(m_{000}^{(20)})^2m_{020}^{(00)}m_{122}^{(21)} - 2(m_{000}^{(20)})^2m_{020}^{(00)}m_{113}^{(11)}\\
&-2(m_{000}^{(20)})^2m_{020}^{(00)}m_{032}^{(20)} + 2(m_{000}^{(20)})^2m_{020}^{(00)}m_{023}^{(10)} - 4(m_{000}^{(20)})^2m_{020}^{(10)}m_{212}^{(21)}\\
&+4(m_{000}^{(20)})^2m_{020}^{(10)}m_{203}^{(11)} + 4(m_{000}^{(20)})^2m_{020}^{(10)}m_{122}^{(20)} - 4(m_{000}^{(20)})^2m_{020}^{(10)}m_{113}^{(10)}\\
&+4(m_{000}^{(20)})^2m_{020}^{(21)}m_{311}^{(21)} - 4(m_{000}^{(20)})^2m_{020}^{(21)}m_{302}^{(11)} - 4(m_{000}^{(20)})^2m_{020}^{(21)}m_{221}^{(20)}\\
&+4(m_{000}^{(20)})^2m_{020}^{(21)}m_{212}^{(10)} - 2(m_{000}^{(20)})^2m_{020}^{(22)}m_{320}^{(21)} + 2(m_{000}^{(20)})^2m_{020}^{(22)}m_{311}^{(11)}\\
&+2(m_{000}^{(20)})^2m_{020}^{(22)}m_{230}^{(20)} - 2(m_{000}^{(20)})^2m_{020}^{(22)}m_{221}^{(10)} - 4(m_{000}^{(20)})^2m_{011}^{(00)}m_{131}^{(21)}\\
&+4(m_{000}^{(20)})^2m_{011}^{(00)}m_{122}^{(11)} + 4(m_{000}^{(20)})^2m_{011}^{(00)}m_{041}^{(20)} - 4(m_{000}^{(20)})^2m_{011}^{(00)}m_{032}^{(10)}\\
&+8(m_{000}^{(20)})^2m_{011}^{(10)}m_{221}^{(21)} - 8(m_{000}^{(20)})^2m_{011}^{(10)}m_{212}^{(11)} - 8(m_{000}^{(20)})^2m_{011}^{(10)}m_{131}^{(20)}\\
&+8(m_{000}^{(20)})^2m_{011}^{(10)}m_{122}^{(10)} - 4(m_{000}^{(20)})^2m_{011}^{(11)}m_{311}^{(21)} + 4(m_{000}^{(20)})^2m_{011}^{(11)}m_{302}^{(11)}\\
&+4(m_{000}^{(20)})^2m_{011}^{(11)}m_{221}^{(20)} - 4(m_{000}^{(20)})^2m_{011}^{(11)}m_{212}^{(10)} + 2(m_{000}^{(20)})^2m_{002}^{(00)}m_{140}^{(21)}\\
&-2(m_{000}^{(20)})^2m_{002}^{(00)}m_{131}^{(11)} - 2(m_{000}^{(20)})^2m_{002}^{(00)}m_{050}^{(20)} + 2(m_{000}^{(20)})^2m_{002}^{(00)}m_{041}^{(10)}
\end{aligned}
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\begin{aligned}
&-4(m_{000}^{(20)})^2 m_{002}^{(10)} m_{230}^{(21)} + 4(m_{000}^{(20)})^2 m_{002}^{(10)} m_{221}^{(11)} + 4(m_{000}^{(20)})^2 m_{002}^{(10)} m_{140}^{(20)} \\
&-4(m_{000}^{(20)})^2 m_{002}^{(10)} m_{131}^{(10)} + 2(m_{000}^{(20)})^2 m_{002}^{(11)} m_{320}^{(21)} - 2(m_{000}^{(20)})^2 m_{002}^{(11)} m_{311}^{(11)} \\
&-2(m_{000}^{(20)})^2 m_{002}^{(11)} m_{230}^{(20)} + 2(m_{000}^{(20)})^2 m_{002}^{(11)} m_{221}^{(10)} + 4m_{000}^{(20)} m_{000}^{(21)} m_{200}^{(10)} m_{122}^{(21)} \\
&-4m_{000}^{(20)} m_{000}^{(21)} m_{200}^{(10)} m_{113}^{(11)} - 4m_{000}^{(20)} m_{000}^{(21)} m_{200}^{(10)} m_{032}^{(20)} + 4m_{000}^{(20)} m_{000}^{(21)} m_{200}^{(10)} m_{023}^{(10)} \\
&+2m_{000}^{(20)} m_{000}^{(21)} m_{200}^{(11)} m_{203}^{(11)} - 4m_{000}^{(20)} m_{000}^{(21)} m_{200}^{(11)} m_{113}^{(10)} + 2m_{000}^{(20)} m_{000}^{(21)} m_{200}^{(11)} m_{023}^{(00)} \\
&-4m_{000}^{(20)} m_{000}^{(21)} m_{200}^{(20)} m_{131}^{(21)} + 4m_{000}^{(20)} m_{000}^{(21)} m_{200}^{(20)} m_{122}^{(11)} + 4m_{000}^{(20)} m_{000}^{(21)} m_{200}^{(20)} m_{041}^{(20)} \\
&-4m_{000}^{(20)} m_{000}^{(21)} m_{200}^{(20)} m_{032}^{(10)} - 4m_{000}^{(20)} m_{000}^{(21)} m_{200}^{(21)} m_{221}^{(21)} + 4m_{000}^{(20)} m_{000}^{(21)} m_{200}^{(21)} m_{131}^{(20)} \\
&+4m_{000}^{(20)} m_{000}^{(21)} m_{200}^{(21)} m_{122}^{(10)} - 4m_{000}^{(20)} m_{000}^{(21)} m_{200}^{(21)} m_{032}^{(00)} + 4m_{000}^{(20)} m_{000}^{(21)} m_{200}^{(22)} m_{230}^{(21)} \\
&-2m_{000}^{(20)} m_{000}^{(21)} m_{200}^{(22)} m_{221}^{(11)} - 4m_{000}^{(20)} m_{000}^{(21)} m_{200}^{(22)} m_{140}^{(20)} + 2m_{000}^{(20)} m_{000}^{(21)} m_{200}^{(22)} m_{041}^{(00)} \\
&-4m_{000}^{(20)} m_{000}^{(21)} m_{110}^{(00)} m_{122}^{(21)} + 4m_{000}^{(20)} m_{000}^{(21)} m_{110}^{(00)} m_{113}^{(11)} + 4m_{000}^{(20)} m_{000}^{(21)} m_{110}^{(00)} m_{032}^{(20)} \\
&-4m_{000}^{(20)} m_{000}^{(21)} m_{110}^{(00)} m_{023}^{(10)} - 4m_{000}^{(20)} m_{000}^{(21)} m_{110}^{(11)} m_{302}^{(21)} + 4m_{000}^{(20)} m_{000}^{(21)} m_{110}^{(11)} m_{212}^{(20)} \\
&+4m_{000}^{(20)} m_{000}^{(21)} m_{110}^{(11)} m_{203}^{(10)} - 4m_{000}^{(20)} m_{000}^{(21)} m_{110}^{(11)} m_{113}^{(00)} + 8m_{000}^{(20)} m_{000}^{(21)} m_{110}^{(20)} m_{221}^{(21)} \\
&-8m_{000}^{(20)} m_{000}^{(21)} m_{110}^{(20)} m_{212}^{(11)} - 8m_{000}^{(20)} m_{000}^{(21)} m_{110}^{(20)} m_{131}^{(20)} + 8m_{000}^{(20)} m_{000}^{(21)} m_{110}^{(20)} m_{122}^{(10)} \\
&+8m_{000}^{(20)} m_{000}^{(21)} m_{110}^{(21)} m_{311}^{(21)} - 8m_{000}^{(20)} m_{000}^{(21)} m_{110}^{(21)} m_{221}^{(20)} - 8m_{000}^{(20)} m_{000}^{(21)} m_{110}^{(21)} m_{212}^{(10)} \\
&+8m_{000}^{(20)} m_{000}^{(21)} m_{110}^{(21)} m_{122}^{(00)} - 8m_{000}^{(20)} m_{000}^{(21)} m_{110}^{(22)} m_{320}^{(21)} + 4m_{000}^{(20)} m_{000}^{(21)} m_{110}^{(22)} m_{311}^{(11)} \\
&+8m_{000}^{(20)} m_{000}^{(21)} m_{110}^{(22)} m_{230}^{(20)} - 4m_{000}^{(20)} m_{000}^{(21)} m_{110}^{(22)} m_{131}^{(00)} + 4m_{000}^{(20)} m_{000}^{(21)} m_{000}^{(00)} m_{101}^{(21)} m_{131}^{(21)} \\
&-4m_{000}^{(20)} m_{000}^{(21)} m_{101}^{(00)} m_{122}^{(11)} - 4m_{000}^{(20)} m_{000}^{(21)} m_{101}^{(00)} m_{041}^{(20)} + 4m_{000}^{(20)} m_{000}^{(21)} m_{101}^{(00)} m_{032}^{(10)} \\
&-8m_{000}^{(20)} m_{000}^{(21)} m_{101}^{(10)} m_{221}^{(21)} + 8m_{000}^{(20)} m_{000}^{(21)} m_{101}^{(10)} m_{212}^{(11)} + 8m_{000}^{(20)} m_{000}^{(21)} m_{101}^{(10)} m_{131}^{(20)} \\
&-8m_{000}^{(20)} m_{000}^{(21)} m_{101}^{(10)} m_{122}^{(10)} + 4m_{000}^{(20)} m_{000}^{(21)} m_{101}^{(11)} m_{311}^{(21)} - 4m_{000}^{(20)} m_{000}^{(21)} m_{101}^{(11)} m_{302}^{(11)} \\
&-4m_{000}^{(20)} m_{000}^{(21)} m_{101}^{(11)} m_{221}^{(20)} + 4m_{000}^{(20)} m_{000}^{(21)} m_{101}^{(11)} m_{212}^{(10)} - 2m_{000}^{(20)} m_{000}^{(21)} m_{020}^{(00)} m_{203}^{(11)} \\
&+4m_{000}^{(20)} m_{000}^{(21)} m_{020}^{(00)} m_{113}^{(10)} - 2m_{000}^{(20)} m_{000}^{(21)} m_{020}^{(00)} m_{023}^{(00)} + 4m_{000}^{(20)} m_{000}^{(21)} m_{020}^{(10)} m_{302}^{(21)} \\
&-4m_{000}^{(20)} m_{000}^{(21)} m_{020}^{(10)} m_{212}^{(20)} - 4m_{000}^{(20)} m_{000}^{(21)} m_{020}^{(10)} m_{203}^{(10)} + 4m_{000}^{(20)} m_{000}^{(21)} m_{020}^{(10)} m_{113}^{(00)} \\
&-4m_{000}^{(20)} m_{000}^{(21)} m_{020}^{(20)} m_{311}^{(21)} + 4m_{000}^{(20)} m_{000}^{(21)} m_{020}^{(20)} m_{302}^{(11)} + 4m_{000}^{(20)} m_{000}^{(21)} m_{020}^{(20)} m_{221}^{(20)} \\
&-4m_{000}^{(20)} m_{000}^{(21)} m_{020}^{(20)} m_{212}^{(10)} - 4m_{000}^{(20)} m_{000}^{(21)} m_{020}^{(21)} m_{401}^{(21)} + 4m_{000}^{(20)} m_{000}^{(21)} m_{020}^{(21)} m_{311}^{(20)} \\
&+4m_{000}^{(20)} m_{000}^{(21)} m_{020}^{(21)} m_{302}^{(10)} - 4m_{000}^{(20)} m_{000}^{(21)} m_{020}^{(21)} m_{212}^{(00)} + 4m_{000}^{(20)} m_{000}^{(21)} m_{020}^{(22)} m_{410}^{(21)} \\
&-2m_{000}^{(20)} m_{000}^{(21)} m_{020}^{(22)} m_{401}^{(11)} - 4m_{000}^{(20)} m_{000}^{(21)} m_{020}^{(22)} m_{320}^{(20)} + 2m_{000}^{(20)} m_{000}^{(21)} m_{020}^{(22)} m_{221}^{(00)} \\
&+4m_{000}^{(20)} m_{000}^{(21)} m_{011}^{(00)} m_{221}^{(21)} - 4m_{000}^{(20)} m_{000}^{(21)} m_{011}^{(00)} m_{131}^{(20)} - 4m_{000}^{(20)} m_{000}^{(21)} m_{011}^{(00)} m_{122}^{(10)} \\
&+4m_{000}^{(20)} m_{000}^{(21)} m_{011}^{(00)} m_{032}^{(00)} - 8m_{000}^{(20)} m_{000}^{(21)} m_{011}^{(10)} m_{311}^{(21)} + 8m_{000}^{(20)} m_{000}^{(21)} m_{011}^{(10)} m_{221}^{(20)} \\
&+8m_{000}^{(20)} m_{000}^{(21)} m_{011}^{(10)} m_{212}^{(10)} - 8m_{000}^{(20)} m_{000}^{(21)} m_{011}^{(10)} m_{122}^{(00)} + 4m_{000}^{(20)} m_{000}^{(21)} m_{011}^{(11)} m_{401}^{(21)} \\
&-4m_{000}^{(20)} m_{000}^{(21)} m_{011}^{(11)} m_{311}^{(20)} - 4m_{000}^{(20)} m_{000}^{(21)} m_{011}^{(11)} m_{302}^{(10)} + 4m_{000}^{(20)} m_{000}^{(21)} m_{011}^{(11)} m_{212}^{(00)} \\
&-4m_{000}^{(20)} m_{000}^{(21)} m_{002}^{(00)} m_{230}^{(21)} + 2m_{000}^{(20)} m_{000}^{(21)} m_{002}^{(00)} m_{221}^{(11)} + 4m_{000}^{(20)} m_{000}^{(21)} m_{002}^{(00)} m_{140}^{(20)} \\
&-2m_{000}^{(20)} m_{000}^{(21)} m_{002}^{(00)} m_{041}^{(00)} + 8m_{000}^{(20)} m_{000}^{(21)} m_{002}^{(10)} m_{320}^{(21)} - 4m_{000}^{(20)} m_{000}^{(21)} m_{002}^{(10)} m_{311}^{(11)} \\
&-8m_{000}^{(20)} m_{000}^{(21)} m_{002}^{(10)} m_{230}^{(20)} + 4m_{000}^{(20)} m_{000}^{(21)} m_{002}^{(10)} m_{131}^{(00)} - 4m_{000}^{(20)} m_{000}^{(21)} m_{002}^{(11)} m_{410}^{(21)} \\
&+2m_{000}^{(20)} m_{000}^{(21)} m_{002}^{(11)} m_{401}^{(11)} + 4m_{000}^{(20)} m_{000}^{(21)} m_{002}^{(11)} m_{320}^{(20)} - 2m_{000}^{(20)} m_{000}^{(21)} m_{002}^{(11)} m_{221}^{(00)} \\
&-2m_{000}^{(20)} m_{000}^{(22)} m_{200}^{(10)} m_{131}^{(21)} + 2m_{000}^{(20)} m_{000}^{(22)} m_{200}^{(10)} m_{122}^{(11)} + 2m_{000}^{(20)} m_{000}^{(22)} m_{200}^{(10)} m_{041}^{(20)} \\
&-2m_{000}^{(20)} m_{000}^{(22)} m_{200}^{(10)} m_{032}^{(10)} + 2m_{000}^{(20)} m_{000}^{(22)} m_{200}^{(11)} m_{221}^{(21)} - 3m_{000}^{(20)} m_{000}^{(22)} m_{200}^{(11)} m_{212}^{(11)} \\
&-2m_{000}^{(20)} m_{000}^{(22)} m_{200}^{(11)} m_{131}^{(20)} + 4m_{000}^{(20)} m_{000}^{(22)} m_{200}^{(11)} m_{122}^{(10)} - m_{000}^{(20)} m_{000}^{(22)} m_{200}^{(11)} m_{032}^{(00)} \\
&+2m_{000}^{(20)} m_{000}^{(22)} m_{200}^{(20)} m_{140}^{(21)} - 2m_{000}^{(20)} m_{000}^{(22)} m_{200}^{(20)} m_{131}^{(11)} - 2m_{000}^{(20)} m_{000}^{(22)} m_{200}^{(20)} m_{050}^{(20)}
\end{aligned}
$$

$$+2m_{000}^{(20)}m_{000}^{(22)}m_{200}^{(20)}m_{041}^{(10)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{200}^{(21)}m_{230}^{(21)} + 4m_{000}^{(20)}m_{000}^{(22)}m_{200}^{(21)}m_{221}^{(11)}$$
$$+2m_{000}^{(20)}m_{000}^{(22)}m_{200}^{(21)}m_{140}^{(20)} - 6m_{000}^{(20)}m_{000}^{(22)}m_{200}^{(21)}m_{131}^{(10)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{200}^{(21)}m_{041}^{(00)}$$
$$-m_{000}^{(20)}m_{000}^{(22)}m_{200}^{(22)}m_{230}^{(11)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{200}^{(22)}m_{140}^{(10)} - m_{000}^{(20)}m_{000}^{(22)}m_{200}^{(22)}m_{050}^{(00)}$$
$$+2m_{000}^{(20)}m_{000}^{(22)}m_{110}^{(00)}m_{131}^{(21)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{110}^{(00)}m_{122}^{(11)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{110}^{(00)}m_{041}^{(20)}$$
$$+2m_{000}^{(20)}m_{000}^{(22)}m_{110}^{(00)}m_{032}^{(10)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{110}^{(11)}m_{311}^{(21)} + 4m_{000}^{(20)}m_{000}^{(22)}m_{110}^{(11)}m_{302}^{(11)}$$
$$+2m_{000}^{(20)}m_{000}^{(22)}m_{110}^{(11)}m_{221}^{(20)} - 6m_{000}^{(20)}m_{000}^{(22)}m_{110}^{(11)}m_{212}^{(10)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{110}^{(11)}m_{122}^{(00)}$$
$$-4m_{000}^{(20)}m_{000}^{(22)}m_{110}^{(20)}m_{230}^{(21)} + 4m_{000}^{(20)}m_{000}^{(22)}m_{110}^{(20)}m_{221}^{(11)} + 4m_{000}^{(20)}m_{000}^{(22)}m_{110}^{(20)}m_{140}^{(20)}$$
$$-4m_{000}^{(20)}m_{000}^{(22)}m_{110}^{(20)}m_{131}^{(10)} + 4m_{000}^{(20)}m_{000}^{(22)}m_{110}^{(21)}m_{320}^{(21)} - 8m_{000}^{(20)}m_{000}^{(22)}m_{110}^{(21)}m_{311}^{(11)}$$
$$-4m_{000}^{(20)}m_{000}^{(22)}m_{110}^{(21)}m_{230}^{(20)} + 12m_{000}^{(20)}m_{000}^{(22)}m_{110}^{(21)}m_{221}^{(10)} - 4m_{000}^{(20)}m_{000}^{(22)}m_{110}^{(21)}m_{131}^{(00)}$$
$$+2m_{000}^{(20)}m_{000}^{(22)}m_{110}^{(22)}m_{320}^{(11)} - 4m_{000}^{(20)}m_{000}^{(22)}m_{110}^{(22)}m_{230}^{(10)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{110}^{(22)}m_{140}^{(00)}$$
$$-2m_{000}^{(20)}m_{000}^{(22)}m_{101}^{(00)}m_{140}^{(21)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{101}^{(00)}m_{131}^{(11)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{101}^{(00)}m_{050}^{(20)}$$
$$-2m_{000}^{(20)}m_{000}^{(22)}m_{101}^{(00)}m_{041}^{(10)} + 4m_{000}^{(20)}m_{000}^{(22)}m_{101}^{(10)}m_{230}^{(21)} - 4m_{000}^{(20)}m_{000}^{(22)}m_{101}^{(10)}m_{221}^{(11)}$$
$$-4m_{000}^{(20)}m_{000}^{(22)}m_{101}^{(10)}m_{140}^{(20)} + 4m_{000}^{(20)}m_{000}^{(22)}m_{101}^{(10)}m_{131}^{(10)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{101}^{(11)}m_{320}^{(21)}$$
$$+2m_{000}^{(20)}m_{000}^{(22)}m_{101}^{(11)}m_{311}^{(11)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{101}^{(11)}m_{230}^{(20)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{101}^{(11)}m_{221}^{(10)}$$
$$-2m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(00)}m_{221}^{(21)} + 3m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(00)}m_{212}^{(11)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(00)}m_{131}^{(20)}$$
$$-4m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(00)}m_{122}^{(10)} + m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(00)}m_{032}^{(00)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(10)}m_{311}^{(21)}$$
$$-4m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(10)}m_{302}^{(11)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(10)}m_{221}^{(20)} + 6m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(10)}m_{212}^{(10)}$$
$$-2m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(10)}m_{122}^{(00)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(20)}m_{320}^{(21)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(20)}m_{311}^{(11)}$$
$$-2m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(20)}m_{230}^{(20)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(20)}m_{221}^{(10)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(21)}m_{410}^{(21)}$$
$$+4m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(21)}m_{401}^{(11)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(21)}m_{320}^{(20)} - 6m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(21)}m_{311}^{(10)}$$
$$+2m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(21)}m_{221}^{(00)} - m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(22)}m_{410}^{(11)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(22)}m_{320}^{(10)}$$
$$-m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(22)}m_{230}^{(00)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{011}^{(00)}m_{230}^{(21)} - 4m_{000}^{(20)}m_{000}^{(22)}m_{011}^{(00)}m_{221}^{(11)}$$
$$-2m_{000}^{(20)}m_{000}^{(22)}m_{011}^{(00)}m_{140}^{(20)} + 6m_{000}^{(20)}m_{000}^{(22)}m_{011}^{(00)}m_{131}^{(10)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{011}^{(00)}m_{041}^{(00)}$$
$$-4m_{000}^{(20)}m_{000}^{(22)}m_{011}^{(10)}m_{320}^{(21)} + 8m_{000}^{(20)}m_{000}^{(22)}m_{011}^{(10)}m_{311}^{(11)} + 4m_{000}^{(20)}m_{000}^{(22)}m_{011}^{(10)}m_{230}^{(20)}$$
$$-12m_{000}^{(20)}m_{000}^{(22)}m_{011}^{(10)}m_{221}^{(10)} + 4m_{000}^{(20)}m_{000}^{(22)}m_{011}^{(10)}m_{131}^{(00)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{011}^{(11)}m_{410}^{(21)}$$
$$-4m_{000}^{(20)}m_{000}^{(22)}m_{011}^{(11)}m_{401}^{(11)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{011}^{(11)}m_{320}^{(20)} + 6m_{000}^{(20)}m_{000}^{(22)}m_{011}^{(11)}m_{311}^{(10)}$$
$$-2m_{000}^{(20)}m_{000}^{(22)}m_{011}^{(11)}m_{221}^{(00)} + m_{000}^{(20)}m_{000}^{(22)}m_{002}^{(00)}m_{230}^{(11)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{002}^{(00)}m_{140}^{(10)}$$
$$+m_{000}^{(20)}m_{000}^{(22)}m_{002}^{(00)}m_{050}^{(00)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{002}^{(10)}m_{320}^{(11)} + 4m_{000}^{(20)}m_{000}^{(22)}m_{002}^{(10)}m_{230}^{(10)}$$
$$-2m_{000}^{(20)}m_{000}^{(22)}m_{002}^{(10)}m_{140}^{(00)} + m_{000}^{(20)}m_{000}^{(22)}m_{002}^{(11)}m_{410}^{(11)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{002}^{(11)}m_{320}^{(10)}$$
$$+m_{000}^{(20)}m_{000}^{(22)}m_{002}^{(11)}m_{230}^{(00)} - 4(m_{000}^{(21)})^2m_{200}^{(10)}m_{212}^{(21)} + 4(m_{000}^{(21)})^2m_{200}^{(10)}m_{122}^{(20)}$$
$$+4(m_{000}^{(21)})^2m_{200}^{(10)}m_{113}^{(10)} - 4(m_{000}^{(21)})^2m_{200}^{(10)}m_{023}^{(00)} + 2(m_{000}^{(21)})^2m_{200}^{(11)}m_{302}^{(21)}$$
$$-2(m_{000}^{(21)})^2m_{200}^{(11)}m_{212}^{(20)} - 2(m_{000}^{(21)})^2m_{200}^{(11)}m_{203}^{(10)} + 2(m_{000}^{(21)})^2m_{200}^{(11)}m_{113}^{(00)}$$
$$+4(m_{000}^{(21)})^2m_{200}^{(20)}m_{221}^{(21)} - 4(m_{000}^{(21)})^2m_{200}^{(20)}m_{131}^{(20)} - 4(m_{000}^{(21)})^2m_{200}^{(20)}m_{122}^{(10)}$$
$$+4(m_{000}^{(21)})^2m_{200}^{(20)}m_{032}^{(00)} - 2(m_{000}^{(21)})^2m_{200}^{(22)}m_{320}^{(21)} + 2(m_{000}^{(21)})^2m_{200}^{(22)}m_{230}^{(20)}$$
$$+2(m_{000}^{(21)})^2m_{200}^{(22)}m_{221}^{(10)} - 2(m_{000}^{(21)})^2m_{200}^{(22)}m_{131}^{(00)} + 4(m_{000}^{(21)})^2m_{110}^{(00)}m_{212}^{(21)}$$
$$-4(m_{000}^{(21)})^2m_{110}^{(00)}m_{122}^{(20)} - 4(m_{000}^{(21)})^2m_{110}^{(00)}m_{113}^{(10)} + 4(m_{000}^{(21)})^2m_{110}^{(00)}m_{023}^{(00)}$$
$$-8(m_{000}^{(21)})^2m_{110}^{(20)}m_{311}^{(21)} + 8(m_{000}^{(21)})^2m_{110}^{(20)}m_{221}^{(20)} + 8(m_{000}^{(21)})^2m_{110}^{(20)}m_{212}^{(10)}$$
$$-8(m_{000}^{(21)})^2m_{110}^{(20)}m_{122}^{(00)} + 4(m_{000}^{(21)})^2m_{110}^{(22)}m_{410}^{(21)} - 4(m_{000}^{(21)})^2m_{110}^{(22)}m_{320}^{(20)}$$

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\begin{aligned}
&-4(m_{000}^{(21)})^2 m_{110}^{(22)} m_{311}^{(10)} + 4(m_{000}^{(21)})^2 m_{110}^{(22)} m_{221}^{(00)} - 4(m_{000}^{(21)})^2 m_{101}^{(00)} m_{221}^{(21)} \\
&+4(m_{000}^{(21)})^2 m_{101}^{(00)} m_{131}^{(20)} + 4(m_{000}^{(21)})^2 m_{101}^{(00)} m_{122}^{(10)} - 4(m_{000}^{(21)})^2 m_{101}^{(00)} m_{032}^{(00)} \\
&+8(m_{000}^{(21)})^2 m_{101}^{(10)} m_{311}^{(21)} - 8(m_{000}^{(21)})^2 m_{101}^{(10)} m_{221}^{(20)} - 8(m_{000}^{(21)})^2 m_{101}^{(10)} m_{212}^{(10)} \\
&+8(m_{000}^{(21)})^2 m_{101}^{(10)} m_{122}^{(00)} - 4(m_{000}^{(21)})^2 m_{101}^{(11)} m_{401}^{(21)} + 4(m_{000}^{(21)})^2 m_{101}^{(11)} m_{311}^{(20)} \\
&+4(m_{000}^{(21)})^2 m_{101}^{(11)} m_{302}^{(10)} - 4(m_{000}^{(21)})^2 m_{101}^{(11)} m_{212}^{(00)} - 2(m_{000}^{(21)})^2 m_{020}^{(00)} m_{302}^{(21)} \\
&+2(m_{000}^{(21)})^2 m_{020}^{(00)} m_{212}^{(20)} + 2(m_{000}^{(21)})^2 m_{020}^{(00)} m_{203}^{(10)} - 2(m_{000}^{(21)})^2 m_{020}^{(00)} m_{113}^{(00)} \\
&+4(m_{000}^{(21)})^2 m_{020}^{(20)} m_{401}^{(21)} - 4(m_{000}^{(21)})^2 m_{020}^{(20)} m_{311}^{(20)} - 4(m_{000}^{(21)})^2 m_{020}^{(20)} m_{302}^{(10)} \\
&+4(m_{000}^{(21)})^2 m_{020}^{(20)} m_{212}^{(00)} - 2(m_{000}^{(21)})^2 m_{020}^{(22)} m_{500}^{(21)} + 2(m_{000}^{(21)})^2 m_{020}^{(22)} m_{410}^{(20)} \\
&+2(m_{000}^{(21)})^2 m_{020}^{(22)} m_{401}^{(10)} - 2(m_{000}^{(21)})^2 m_{020}^{(22)} m_{311}^{(00)} + 2(m_{000}^{(21)})^2 m_{002}^{(00)} m_{320}^{(21)} \\
&-2(m_{000}^{(21)})^2 m_{002}^{(00)} m_{230}^{(20)} - 2(m_{000}^{(21)})^2 m_{002}^{(00)} m_{221}^{(10)} + 2(m_{000}^{(21)})^2 m_{002}^{(00)} m_{131}^{(00)} \\
&-4(m_{000}^{(21)})^2 m_{002}^{(10)} m_{410}^{(21)} + 4(m_{000}^{(21)})^2 m_{002}^{(10)} m_{320}^{(20)} + 4(m_{000}^{(21)})^2 m_{002}^{(10)} m_{311}^{(10)} \\
&-4(m_{000}^{(21)})^2 m_{002}^{(10)} m_{221}^{(00)} + 2(m_{000}^{(21)})^2 m_{002}^{(11)} m_{500}^{(21)} - 2(m_{000}^{(21)})^2 m_{002}^{(11)} m_{410}^{(20)} \\
&-2(m_{000}^{(21)})^2 m_{002}^{(11)} m_{401}^{(10)} + 2(m_{000}^{(21)})^2 m_{002}^{(11)} m_{311}^{(00)} + 2m_{000}^{(21)} m_{000}^{(22)} m_{200}^{(10)} m_{221}^{(21)} \\
&+2m_{000}^{(21)} m_{000}^{(22)} m_{200}^{(10)} m_{212}^{(11)} - 2m_{000}^{(21)} m_{000}^{(22)} m_{200}^{(10)} m_{131}^{(20)} - 6m_{000}^{(21)} m_{000}^{(22)} m_{200}^{(10)} m_{122}^{(10)} \\
&+4m_{000}^{(21)} m_{000}^{(22)} m_{200}^{(10)} m_{032}^{(00)} - 2m_{000}^{(21)} m_{000}^{(22)} m_{200}^{(11)} m_{311}^{(21)} - m_{000}^{(21)} m_{000}^{(22)} m_{200}^{(11)} m_{302}^{(11)} \\
&+2m_{000}^{(21)} m_{000}^{(22)} m_{200}^{(11)} m_{221}^{(20)} + 4m_{000}^{(21)} m_{000}^{(22)} m_{200}^{(11)} m_{212}^{(10)} - 3m_{000}^{(21)} m_{000}^{(22)} m_{200}^{(11)} m_{122}^{(00)} \\
&-2m_{000}^{(21)} m_{000}^{(22)} m_{200}^{(20)} m_{230}^{(21)} - 2m_{000}^{(21)} m_{000}^{(22)} m_{200}^{(20)} m_{221}^{(11)} + 2m_{000}^{(21)} m_{000}^{(22)} m_{200}^{(20)} m_{140}^{(20)} \\
&+6m_{000}^{(21)} m_{000}^{(22)} m_{200}^{(20)} m_{131}^{(10)} - 4m_{000}^{(21)} m_{000}^{(22)} m_{200}^{(20)} m_{041}^{(00)} + 2m_{000}^{(21)} m_{000}^{(22)} m_{200}^{(21)} m_{320}^{(21)} \\
&-2m_{000}^{(21)} m_{000}^{(22)} m_{200}^{(21)} m_{230}^{(20)} - 2m_{000}^{(21)} m_{000}^{(22)} m_{200}^{(21)} m_{221}^{(10)} + 2m_{000}^{(21)} m_{000}^{(22)} m_{200}^{(21)} m_{131}^{(00)} \\
&+m_{000}^{(21)} m_{000}^{(22)} m_{200}^{(22)} m_{320}^{(11)} - 2m_{000}^{(21)} m_{000}^{(22)} m_{200}^{(22)} m_{230}^{(10)} + m_{000}^{(21)} m_{000}^{(22)} m_{200}^{(22)} m_{140}^{(00)} \\
&-2m_{000}^{(21)} m_{000}^{(22)} m_{110}^{(00)} m_{221}^{(21)} - 2m_{000}^{(21)} m_{000}^{(22)} m_{110}^{(00)} m_{212}^{(11)} + 2m_{000}^{(21)} m_{000}^{(22)} m_{110}^{(00)} m_{131}^{(20)} \\
&+6m_{000}^{(21)} m_{000}^{(22)} m_{110}^{(00)} m_{122}^{(10)} - 4m_{000}^{(21)} m_{000}^{(22)} m_{110}^{(00)} m_{032}^{(00)} + 2m_{000}^{(21)} m_{000}^{(22)} m_{110}^{(11)} m_{401}^{(21)} \\
&-2m_{000}^{(21)} m_{000}^{(22)} m_{110}^{(11)} m_{311}^{(20)} - 2m_{000}^{(21)} m_{000}^{(22)} m_{110}^{(11)} m_{302}^{(10)} + 2m_{000}^{(21)} m_{000}^{(22)} m_{110}^{(11)} m_{212}^{(00)} \\
&+4m_{000}^{(21)} m_{000}^{(22)} m_{110}^{(20)} m_{320}^{(21)} + 4m_{000}^{(21)} m_{000}^{(22)} m_{110}^{(20)} m_{311}^{(11)} - 4m_{000}^{(21)} m_{000}^{(22)} m_{110}^{(20)} m_{230}^{(20)} \\
&-12m_{000}^{(21)} m_{000}^{(22)} m_{110}^{(20)} m_{221}^{(10)} + 8m_{000}^{(21)} m_{000}^{(22)} m_{110}^{(20)} m_{131}^{(00)} - 4m_{000}^{(21)} m_{000}^{(22)} m_{110}^{(21)} m_{410}^{(21)} \\
&+4m_{000}^{(21)} m_{000}^{(22)} m_{110}^{(21)} m_{320}^{(20)} + 4m_{000}^{(21)} m_{000}^{(22)} m_{110}^{(21)} m_{311}^{(10)} - 4m_{000}^{(21)} m_{000}^{(22)} m_{110}^{(21)} m_{221}^{(00)} \\
&-2m_{000}^{(21)} m_{000}^{(22)} m_{110}^{(22)} m_{410}^{(11)} + 4m_{000}^{(21)} m_{000}^{(22)} m_{110}^{(22)} m_{320}^{(10)} - 2m_{000}^{(21)} m_{000}^{(22)} m_{110}^{(22)} m_{230}^{(00)} \\
&+2m_{000}^{(21)} m_{000}^{(22)} m_{101}^{(00)} m_{230}^{(21)} + 2m_{000}^{(21)} m_{000}^{(22)} m_{101}^{(00)} m_{221}^{(11)} - 2m_{000}^{(21)} m_{000}^{(22)} m_{101}^{(00)} m_{140}^{(20)} \\
&-6m_{000}^{(21)} m_{000}^{(22)} m_{101}^{(00)} m_{131}^{(10)} + 4m_{000}^{(21)} m_{000}^{(22)} m_{101}^{(00)} m_{041}^{(00)} - 4m_{000}^{(21)} m_{000}^{(22)} m_{101}^{(10)} m_{320}^{(21)} \\
&-4m_{000}^{(21)} m_{000}^{(22)} m_{101}^{(10)} m_{311}^{(11)} + 4m_{000}^{(21)} m_{000}^{(22)} m_{101}^{(10)} m_{230}^{(20)} + 12m_{000}^{(21)} m_{000}^{(22)} m_{101}^{(10)} m_{221}^{(10)} \\
&-8m_{000}^{(21)} m_{000}^{(22)} m_{101}^{(10)} m_{131}^{(00)} + 2m_{000}^{(21)} m_{000}^{(22)} m_{101}^{(11)} m_{410}^{(21)} + 2m_{000}^{(21)} m_{000}^{(22)} m_{101}^{(11)} m_{401}^{(11)} \\
&-2m_{000}^{(21)} m_{000}^{(22)} m_{101}^{(11)} m_{320}^{(20)} - 6m_{000}^{(21)} m_{000}^{(22)} m_{101}^{(11)} m_{311}^{(10)} + 4m_{000}^{(21)} m_{000}^{(22)} m_{101}^{(11)} m_{221}^{(00)} \\
&+2m_{000}^{(21)} m_{000}^{(22)} m_{020}^{(00)} m_{311}^{(21)} + m_{000}^{(21)} m_{000}^{(22)} m_{020}^{(00)} m_{302}^{(11)} - 2m_{000}^{(21)} m_{000}^{(22)} m_{020}^{(00)} m_{221}^{(20)} \\
&-4m_{000}^{(21)} m_{000}^{(22)} m_{020}^{(00)} m_{212}^{(10)} + 3m_{000}^{(21)} m_{000}^{(22)} m_{020}^{(00)} m_{122}^{(00)} - 2m_{000}^{(21)} m_{000}^{(22)} m_{020}^{(10)} m_{401}^{(21)} \\
&+2m_{000}^{(21)} m_{000}^{(22)} m_{020}^{(10)} m_{311}^{(20)} + 2m_{000}^{(21)} m_{000}^{(22)} m_{020}^{(10)} m_{302}^{(10)} - 2m_{000}^{(21)} m_{000}^{(22)} m_{020}^{(10)} m_{212}^{(00)} \\
&-2m_{000}^{(21)} m_{000}^{(22)} m_{020}^{(20)} m_{410}^{(21)} - 2m_{000}^{(21)} m_{000}^{(22)} m_{020}^{(20)} m_{401}^{(11)} + 2m_{000}^{(21)} m_{000}^{(22)} m_{020}^{(20)} m_{320}^{(20)} \\
&+6m_{000}^{(21)} m_{000}^{(22)} m_{020}^{(20)} m_{311}^{(10)} - 4m_{000}^{(21)} m_{000}^{(22)} m_{020}^{(20)} m_{221}^{(00)} + 2m_{000}^{(21)} m_{000}^{(22)} m_{020}^{(21)} m_{500}^{(21)} \\
&-2m_{000}^{(21)} m_{000}^{(22)} m_{020}^{(21)} m_{410}^{(20)} - 2m_{000}^{(21)} m_{000}^{(22)} m_{020}^{(21)} m_{401}^{(10)} + 2m_{000}^{(21)} m_{000}^{(22)} m_{020}^{(21)} m_{311}^{(00)}
\end{aligned}
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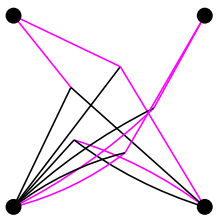
\begin{aligned}
&+m_{000}^{(21)}m_{000}^{(22)}m_{020}^{(22)}m_{500}^{(11)} - 2m_{000}^{(21)}m_{000}^{(22)}m_{020}^{(22)}m_{410}^{(10)} + m_{000}^{(21)}m_{000}^{(22)}m_{020}^{(22)}m_{320}^{(00)}\\
&-2m_{000}^{(21)}m_{000}^{(22)}m_{011}^{(00)}m_{320}^{(21)} + 2m_{000}^{(21)}m_{000}^{(22)}m_{011}^{(00)}m_{230}^{(20)} + 2m_{000}^{(21)}m_{000}^{(22)}m_{011}^{(00)}m_{221}^{(10)}\\
&-2m_{000}^{(21)}m_{000}^{(22)}m_{011}^{(00)}m_{131}^{(00)} + 4m_{000}^{(21)}m_{000}^{(22)}m_{011}^{(10)}m_{410}^{(21)} - 4m_{000}^{(21)}m_{000}^{(22)}m_{011}^{(10)}m_{320}^{(20)}\\
&-4m_{000}^{(21)}m_{000}^{(22)}m_{011}^{(10)}m_{311}^{(10)} + 4m_{000}^{(21)}m_{000}^{(22)}m_{011}^{(10)}m_{221}^{(00)} - 2m_{000}^{(21)}m_{000}^{(22)}m_{011}^{(11)}m_{500}^{(21)}\\
&+2m_{000}^{(21)}m_{000}^{(22)}m_{011}^{(11)}m_{410}^{(20)} + 2m_{000}^{(21)}m_{000}^{(22)}m_{011}^{(11)}m_{401}^{(10)} - 2m_{000}^{(21)}m_{000}^{(22)}m_{011}^{(11)}m_{311}^{(00)}\\
&-m_{000}^{(21)}m_{000}^{(22)}m_{002}^{(00)}m_{320}^{(11)} + 2m_{000}^{(21)}m_{000}^{(22)}m_{002}^{(00)}m_{230}^{(10)} - m_{000}^{(21)}m_{000}^{(22)}m_{002}^{(00)}m_{140}^{(00)}\\
&+2m_{000}^{(21)}m_{000}^{(22)}m_{002}^{(10)}m_{410}^{(11)} - 4m_{000}^{(21)}m_{000}^{(22)}m_{002}^{(10)}m_{320}^{(10)} + 2m_{000}^{(21)}m_{000}^{(22)}m_{002}^{(10)}m_{230}^{(00)}\\
&-m_{000}^{(21)}m_{000}^{(22)}m_{002}^{(11)}m_{500}^{(11)} + 2m_{000}^{(21)}m_{000}^{(22)}m_{002}^{(11)}m_{410}^{(10)} - m_{000}^{(21)}m_{000}^{(22)}m_{002}^{(11)}m_{320}^{(00)}\\
&-(m_{000}^{(22)})^2m_{200}^{(10)}m_{221}^{(11)} + 2(m_{000}^{(22)})^2m_{200}^{(10)}m_{131}^{(10)} - (m_{000}^{(22)})^2m_{200}^{(10)}m_{041}^{(00)}\\
&+(m_{000}^{(22)})^2m_{200}^{(11)}m_{311}^{(11)} - 2(m_{000}^{(22)})^2m_{200}^{(11)}m_{221}^{(10)} + (m_{000}^{(22)})^2m_{200}^{(11)}m_{131}^{(00)}\\
&+(m_{000}^{(22)})^2m_{200}^{(20)}m_{230}^{(11)} - 2(m_{000}^{(22)})^2m_{200}^{(20)}m_{140}^{(10)} + (m_{000}^{(22)})^2m_{200}^{(20)}m_{050}^{(00)}\\
&-(m_{000}^{(22)})^2m_{200}^{(21)}m_{320}^{(11)} + 2(m_{000}^{(22)})^2m_{200}^{(21)}m_{230}^{(10)} - (m_{000}^{(22)})^2m_{200}^{(21)}m_{140}^{(00)}\\
&+(m_{000}^{(22)})^2m_{110}^{(00)}m_{221}^{(11)} - 2(m_{000}^{(22)})^2m_{110}^{(00)}m_{131}^{(10)} + (m_{000}^{(22)})^2m_{110}^{(00)}m_{041}^{(00)}\\
&-(m_{000}^{(22)})^2m_{110}^{(11)}m_{401}^{(11)} + 2(m_{000}^{(22)})^2m_{110}^{(11)}m_{311}^{(10)} - (m_{000}^{(22)})^2m_{110}^{(11)}m_{221}^{(00)}\\
&-2(m_{000}^{(22)})^2m_{110}^{(20)}m_{320}^{(11)} + 4(m_{000}^{(22)})^2m_{110}^{(20)}m_{230}^{(10)} - 2(m_{000}^{(22)})^2m_{110}^{(20)}m_{140}^{(00)}\\
&+2(m_{000}^{(22)})^2m_{110}^{(21)}m_{410}^{(11)} - 4(m_{000}^{(22)})^2m_{110}^{(21)}m_{320}^{(10)} + 2(m_{000}^{(22)})^2m_{110}^{(21)}m_{230}^{(00)}\\
&-(m_{000}^{(22)})^2m_{101}^{(00)}m_{230}^{(11)} + 2(m_{000}^{(22)})^2m_{101}^{(00)}m_{140}^{(10)} - (m_{000}^{(22)})^2m_{101}^{(00)}m_{050}^{(00)}\\
&+2(m_{000}^{(22)})^2m_{101}^{(10)}m_{320}^{(11)} - 4(m_{000}^{(22)})^2m_{101}^{(10)}m_{230}^{(10)} + 2(m_{000}^{(22)})^2m_{101}^{(10)}m_{140}^{(00)}\\
&-(m_{000}^{(22)})^2m_{101}^{(11)}m_{410}^{(11)} + 2(m_{000}^{(22)})^2m_{101}^{(11)}m_{320}^{(10)} - (m_{000}^{(22)})^2m_{101}^{(11)}m_{230}^{(00)}\\
&-(m_{000}^{(22)})^2m_{020}^{(00)}m_{311}^{(11)} + 2(m_{000}^{(22)})^2m_{020}^{(00)}m_{221}^{(10)} - (m_{000}^{(22)})^2m_{020}^{(00)}m_{131}^{(00)}\\
&+(m_{000}^{(22)})^2m_{020}^{(10)}m_{401}^{(11)} - 2(m_{000}^{(22)})^2m_{020}^{(10)}m_{311}^{(10)} + (m_{000}^{(22)})^2m_{020}^{(10)}m_{221}^{(00)}\\
&+(m_{000}^{(22)})^2m_{020}^{(20)}m_{410}^{(11)} - 2(m_{000}^{(22)})^2m_{020}^{(20)}m_{320}^{(10)} + (m_{000}^{(22)})^2m_{020}^{(20)}m_{230}^{(00)}\\
&-(m_{000}^{(22)})^2m_{020}^{(21)}m_{500}^{(11)} + 2(m_{000}^{(22)})^2m_{020}^{(21)}m_{410}^{(10)} - (m_{000}^{(22)})^2m_{020}^{(21)}m_{320}^{(00)}\\
&+(m_{000}^{(22)})^2m_{011}^{(00)}m_{320}^{(11)} - 2(m_{000}^{(22)})^2m_{011}^{(00)}m_{230}^{(10)} + (m_{000}^{(22)})^2m_{011}^{(00)}m_{140}^{(00)}\\
&-2(m_{000}^{(22)})^2m_{011}^{(10)}m_{410}^{(11)} + 4(m_{000}^{(22)})^2m_{011}^{(10)}m_{320}^{(10)} - 2(m_{000}^{(22)})^2m_{011}^{(10)}m_{230}^{(00)}\\
&+(m_{000}^{(22)})^2m_{011}^{(11)}m_{500}^{(11)} - 2(m_{000}^{(22)})^2m_{011}^{(11)}m_{410}^{(10)} + (m_{000}^{(22)})^2m_{011}^{(11)}m_{320}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{ccccc}
V1 & V1 & 1 & 1 & 1\\
1 & 1 & V2 & V2 & V4\\
V3 & V3 & V4 & 4 & 4
\end{array}
$$



$$
\begin{aligned}
T_{195} \;=\;& -(m_{000}^{(00)})^2 m_{110}^{(11)} m_{023}^{(22)} + 2(m_{000}^{(00)})^2 m_{110}^{(11)} m_{014}^{(21)} - (m_{000}^{(00)})^2 m_{110}^{(11)} m_{005}^{(11)} \\
& +2(m_{000}^{(00)})^2 m_{110}^{(21)} m_{032}^{(22)} - 4(m_{000}^{(00)})^2 m_{110}^{(21)} m_{023}^{(21)} + 2(m_{000}^{(00)})^2 m_{110}^{(21)} m_{014}^{(11)} \\
& -(m_{000}^{(00)})^2 m_{110}^{(22)} m_{041}^{(22)} + 2(m_{000}^{(00)})^2 m_{110}^{(22)} m_{032}^{(21)} - (m_{000}^{(00)})^2 m_{110}^{(22)} m_{023}^{(11)} \\
& +(m_{000}^{(00)})^2 m_{101}^{(11)} m_{032}^{(22)} - 2(m_{000}^{(00)})^2 m_{101}^{(11)} m_{023}^{(21)} + (m_{000}^{(00)})^2 m_{101}^{(11)} m_{014}^{(11)} \\
& -2(m_{000}^{(00)})^2 m_{101}^{(21)} m_{041}^{(22)} + 4(m_{000}^{(00)})^2 m_{101}^{(21)} m_{032}^{(21)} - 2(m_{000}^{(00)})^2 m_{101}^{(21)} m_{023}^{(11)} \\
& +(m_{000}^{(00)})^2 m_{101}^{(22)} m_{050}^{(22)} - 2(m_{000}^{(00)})^2 m_{101}^{(22)} m_{041}^{(21)} + (m_{000}^{(00)})^2 m_{101}^{(22)} m_{032}^{(11)} \\
& +(m_{000}^{(00)})^2 m_{020}^{(11)} m_{113}^{(22)} - (m_{000}^{(00)})^2 m_{020}^{(11)} m_{104}^{(21)} - (m_{000}^{(00)})^2 m_{020}^{(11)} m_{014}^{(20)} \\
& +(m_{000}^{(00)})^2 m_{020}^{(11)} m_{005}^{(10)} - 2(m_{000}^{(00)})^2 m_{020}^{(21)} m_{122}^{(22)} + 2(m_{000}^{(00)})^2 m_{020}^{(21)} m_{113}^{(21)} \\
& +2(m_{000}^{(00)})^2 m_{020}^{(21)} m_{023}^{(20)} - 2(m_{000}^{(00)})^2 m_{020}^{(21)} m_{014}^{(10)} + (m_{000}^{(00)})^2 m_{020}^{(22)} m_{131}^{(22)} \\
& -(m_{000}^{(00)})^2 m_{020}^{(22)} m_{122}^{(21)} - (m_{000}^{(00)})^2 m_{020}^{(22)} m_{032}^{(20)} + (m_{000}^{(00)})^2 m_{020}^{(22)} m_{023}^{(10)} \\
& -(m_{000}^{(00)})^2 m_{011}^{(11)} m_{122}^{(22)} + (m_{000}^{(00)})^2 m_{011}^{(11)} m_{104}^{(11)} + 2(m_{000}^{(00)})^2 m_{011}^{(11)} m_{023}^{(20)} \\
& -2(m_{000}^{(00)})^2 m_{011}^{(11)} m_{014}^{(10)} + 2(m_{000}^{(00)})^2 m_{011}^{(21)} m_{131}^{(22)} - 2(m_{000}^{(00)})^2 m_{011}^{(21)} m_{113}^{(11)} \\
& -4(m_{000}^{(00)})^2 m_{011}^{(21)} m_{032}^{(20)} + 4(m_{000}^{(00)})^2 m_{011}^{(21)} m_{023}^{(10)} - (m_{000}^{(00)})^2 m_{011}^{(22)} m_{140}^{(22)} \\
& +(m_{000}^{(00)})^2 m_{011}^{(22)} m_{122}^{(11)} + 2(m_{000}^{(00)})^2 m_{011}^{(22)} m_{041}^{(20)} - 2(m_{000}^{(00)})^2 m_{011}^{(22)} m_{032}^{(10)} \\
& +(m_{000}^{(00)})^2 m_{002}^{(11)} m_{122}^{(21)} - (m_{000}^{(00)})^2 m_{002}^{(11)} m_{113}^{(11)} - (m_{000}^{(00)})^2 m_{002}^{(11)} m_{032}^{(20)} \\
& +(m_{000}^{(00)})^2 m_{002}^{(11)} m_{023}^{(10)} - 2(m_{000}^{(00)})^2 m_{002}^{(21)} m_{131}^{(21)} + 2(m_{000}^{(00)})^2 m_{002}^{(21)} m_{122}^{(11)} \\
& +2(m_{000}^{(00)})^2 m_{002}^{(21)} m_{041}^{(20)} - 2(m_{000}^{(00)})^2 m_{002}^{(21)} m_{032}^{(10)} + (m_{000}^{(00)})^2 m_{002}^{(22)} m_{140}^{(21)} \\
& -(m_{000}^{(00)})^2 m_{002}^{(22)} m_{131}^{(11)} - (m_{000}^{(00)})^2 m_{002}^{(22)} m_{050}^{(20)} + (m_{000}^{(00)})^2 m_{002}^{(22)} m_{041}^{(10)} \\
& +m_{000}^{(00)} m_{000}^{(10)} m_{200}^{(11)} m_{023}^{(22)} - 2m_{000}^{(00)} m_{000}^{(10)} m_{200}^{(11)} m_{014}^{(21)} + m_{000}^{(00)} m_{000}^{(10)} m_{200}^{(11)} m_{005}^{(11)} \\
& -2m_{000}^{(00)} m_{000}^{(10)} m_{200}^{(21)} m_{032}^{(22)} + 4m_{000}^{(00)} m_{000}^{(10)} m_{200}^{(21)} m_{023}^{(21)} - 2m_{000}^{(00)} m_{000}^{(10)} m_{200}^{(21)} m_{014}^{(11)} \\
& +m_{000}^{(00)} m_{000}^{(10)} m_{200}^{(22)} m_{041}^{(22)} - 2m_{000}^{(00)} m_{000}^{(10)} m_{200}^{(22)} m_{032}^{(21)} + m_{000}^{(00)} m_{000}^{(10)} m_{200}^{(22)} m_{023}^{(11)} \\
& +2m_{000}^{(00)} m_{000}^{(10)} m_{110}^{(10)} m_{023}^{(22)} - 4m_{000}^{(00)} m_{000}^{(10)} m_{110}^{(10)} m_{014}^{(21)} + 2m_{000}^{(00)} m_{000}^{(10)} m_{110}^{(10)} m_{005}^{(11)} \\
& -2m_{000}^{(00)} m_{000}^{(10)} m_{110}^{(20)} m_{032}^{(22)} + 4m_{000}^{(00)} m_{000}^{(10)} m_{110}^{(20)} m_{023}^{(21)} - 2m_{000}^{(00)} m_{000}^{(10)} m_{110}^{(20)} m_{014}^{(11)} \\
& -2m_{000}^{(00)} m_{000}^{(10)} m_{110}^{(21)} m_{122}^{(22)} + 4m_{000}^{(00)} m_{000}^{(10)} m_{110}^{(21)} m_{113}^{(21)} - 2m_{000}^{(00)} m_{000}^{(10)} m_{110}^{(21)} m_{104}^{(11)} \\
& +2m_{000}^{(00)} m_{000}^{(10)} m_{110}^{(22)} m_{131}^{(22)} - 4m_{000}^{(00)} m_{000}^{(10)} m_{110}^{(22)} m_{122}^{(21)} + 2m_{000}^{(00)} m_{000}^{(10)} m_{110}^{(22)} m_{113}^{(11)} \\
& -2m_{000}^{(00)} m_{000}^{(10)} m_{101}^{(10)} m_{032}^{(22)} + 4m_{000}^{(00)} m_{000}^{(10)} m_{101}^{(10)} m_{023}^{(21)} - 2m_{000}^{(00)} m_{000}^{(10)} m_{101}^{(10)} m_{014}^{(11)} \\
& -2m_{000}^{(00)} m_{000}^{(10)} m_{101}^{(11)} m_{122}^{(22)} + 4m_{000}^{(00)} m_{000}^{(10)} m_{101}^{(11)} m_{113}^{(21)} - 2m_{000}^{(00)} m_{000}^{(10)} m_{101}^{(11)} m_{104}^{(11)} \\
& +2m_{000}^{(00)} m_{000}^{(10)} m_{101}^{(20)} m_{041}^{(22)} - 4m_{000}^{(00)} m_{000}^{(10)} m_{101}^{(20)} m_{032}^{(21)} + 2m_{000}^{(00)} m_{000}^{(10)} m_{101}^{(20)} m_{023}^{(11)} \\
& +6m_{000}^{(00)} m_{000}^{(10)} m_{101}^{(21)} m_{131}^{(22)} - 12m_{000}^{(00)} m_{000}^{(10)} m_{101}^{(21)} m_{122}^{(21)} + 6m_{000}^{(00)} m_{000}^{(10)} m_{101}^{(21)} m_{113}^{(11)} \\
& -4m_{000}^{(00)} m_{000}^{(10)} m_{101}^{(22)} m_{140}^{(22)} + 8m_{000}^{(00)} m_{000}^{(10)} m_{101}^{(22)} m_{131}^{(21)} - 4m_{000}^{(00)} m_{000}^{(10)} m_{101}^{(22)} m_{122}^{(11)} \\
& -2m_{000}^{(00)} m_{000}^{(10)} m_{020}^{(10)} m_{113}^{(22)} + 2m_{000}^{(00)} m_{000}^{(10)} m_{020}^{(10)} m_{104}^{(21)} + 2m_{000}^{(00)} m_{000}^{(10)} m_{020}^{(10)} m_{014}^{(20)} \\
& -2m_{000}^{(00)} m_{000}^{(10)} m_{020}^{(10)} m_{005}^{(10)} - m_{000}^{(00)} m_{000}^{(10)} m_{020}^{(11)} m_{203}^{(22)} + 2m_{000}^{(00)} m_{000}^{(10)} m_{020}^{(11)} m_{104}^{(20)} \\
& -m_{000}^{(00)} m_{000}^{(10)} m_{020}^{(11)} m_{005}^{(00)} + 2m_{000}^{(00)} m_{000}^{(10)} m_{020}^{(20)} m_{122}^{(22)} - 2m_{000}^{(00)} m_{000}^{(10)} m_{020}^{(20)} m_{113}^{(21)} \\
& -2m_{000}^{(00)} m_{000}^{(10)} m_{020}^{(20)} m_{023}^{(20)} + 2m_{000}^{(00)} m_{000}^{(10)} m_{020}^{(20)} m_{014}^{(10)} + 4m_{000}^{(00)} m_{000}^{(10)} m_{020}^{(21)} m_{212}^{(22)} \\
& -2m_{000}^{(00)} m_{000}^{(10)} m_{020}^{(21)} m_{203}^{(21)} - 6m_{000}^{(00)} m_{000}^{(10)} m_{020}^{(21)} m_{113}^{(20)} + 2m_{000}^{(00)} m_{000}^{(10)} m_{020}^{(21)} m_{104}^{(10)} \\
& +2m_{000}^{(00)} m_{000}^{(10)} m_{020}^{(21)} m_{014}^{(00)} - 3m_{000}^{(00)} m_{000}^{(10)} m_{020}^{(22)} m_{221}^{(22)} + 2m_{000}^{(00)} m_{000}^{(10)} m_{020}^{(22)} m_{212}^{(21)} \\
& +4m_{000}^{(00)} m_{000}^{(10)} m_{020}^{(22)} m_{122}^{(20)} - 2m_{000}^{(00)} m_{000}^{(10)} m_{020}^{(22)} m_{113}^{(10)} - m_{000}^{(00)} m_{000}^{(10)} m_{020}^{(22)} m_{023}^{(00)} \\
& +2m_{000}^{(00)} m_{000}^{(10)} m_{011}^{(10)} m_{122}^{(22)} - 2m_{000}^{(00)} m_{000}^{(10)} m_{011}^{(10)} m_{104}^{(11)} - 4m_{000}^{(00)} m_{000}^{(10)} m_{011}^{(10)} m_{023}^{(20)}
\end{aligned}
$$

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\begin{aligned}
&+4m_{000}^{(00)}m_{000}^{(10)}m_{011}^{(10)}m_{014}^{(10)}+2m_{000}^{(00)}m_{000}^{(10)}m_{011}^{(11)}m_{212}^{(22)}-4m_{000}^{(00)}m_{000}^{(10)}m_{011}^{(11)}m_{113}^{(20)}\\
&+2m_{000}^{(00)}m_{000}^{(10)}m_{011}^{(11)}m_{014}^{(00)}-2m_{000}^{(00)}m_{000}^{(10)}m_{011}^{(20)}m_{131}^{(22)}+2m_{000}^{(00)}m_{000}^{(10)}m_{011}^{(20)}m_{113}^{(11)}\\
&+4m_{000}^{(00)}m_{000}^{(10)}m_{011}^{(20)}m_{032}^{(20)}-4m_{000}^{(00)}m_{000}^{(10)}m_{011}^{(20)}m_{023}^{(10)}-6m_{000}^{(00)}m_{000}^{(10)}m_{011}^{(21)}m_{221}^{(22)}\\
&+2m_{000}^{(00)}m_{000}^{(10)}m_{011}^{(21)}m_{203}^{(11)}+12m_{000}^{(00)}m_{000}^{(10)}m_{011}^{(21)}m_{122}^{(20)}-4m_{000}^{(00)}m_{000}^{(10)}m_{011}^{(21)}m_{113}^{(10)}\\
&-4m_{000}^{(00)}m_{000}^{(10)}m_{011}^{(21)}m_{023}^{(00)}+4m_{000}^{(00)}m_{000}^{(10)}m_{011}^{(22)}m_{230}^{(22)}-2m_{000}^{(00)}m_{000}^{(10)}m_{011}^{(22)}m_{212}^{(11)}\\
&-8m_{000}^{(00)}m_{000}^{(10)}m_{011}^{(22)}m_{131}^{(20)}+4m_{000}^{(00)}m_{000}^{(10)}m_{011}^{(22)}m_{122}^{(10)}+2m_{000}^{(00)}m_{000}^{(10)}m_{011}^{(22)}m_{032}^{(00)}\\
&-2m_{000}^{(00)}m_{000}^{(10)}m_{002}^{(10)}m_{122}^{(21)}+2m_{000}^{(00)}m_{000}^{(10)}m_{002}^{(10)}m_{113}^{(11)}+2m_{000}^{(00)}m_{000}^{(10)}m_{002}^{(10)}m_{032}^{(20)}\\
&-2m_{000}^{(00)}m_{000}^{(10)}m_{002}^{(10)}m_{023}^{(10)}-2m_{000}^{(00)}m_{000}^{(10)}m_{002}^{(11)}m_{212}^{(21)}+m_{000}^{(00)}m_{000}^{(10)}m_{002}^{(11)}m_{203}^{(11)}\\
&+2m_{000}^{(00)}m_{000}^{(10)}m_{002}^{(11)}m_{122}^{(20)}-m_{000}^{(00)}m_{000}^{(10)}m_{002}^{(11)}m_{023}^{(00)}+2m_{000}^{(00)}m_{000}^{(10)}m_{002}^{(20)}m_{131}^{(21)}\\
&-2m_{000}^{(00)}m_{000}^{(10)}m_{002}^{(20)}m_{122}^{(11)}-2m_{000}^{(00)}m_{000}^{(10)}m_{002}^{(20)}m_{041}^{(20)}+2m_{000}^{(00)}m_{000}^{(10)}m_{002}^{(20)}m_{032}^{(10)}\\
&+6m_{000}^{(00)}m_{000}^{(10)}m_{002}^{(21)}m_{221}^{(21)}-4m_{000}^{(00)}m_{000}^{(10)}m_{002}^{(21)}m_{212}^{(11)}-6m_{000}^{(00)}m_{000}^{(10)}m_{002}^{(21)}m_{131}^{(20)}\\
&+2m_{000}^{(00)}m_{000}^{(10)}m_{002}^{(21)}m_{122}^{(10)}+2m_{000}^{(00)}m_{000}^{(10)}m_{002}^{(21)}m_{032}^{(00)}-4m_{000}^{(00)}m_{000}^{(10)}m_{002}^{(22)}m_{230}^{(21)}\\
&+3m_{000}^{(00)}m_{000}^{(10)}m_{002}^{(22)}m_{221}^{(11)}+4m_{000}^{(00)}m_{000}^{(10)}m_{002}^{(22)}m_{140}^{(20)}-2m_{000}^{(00)}m_{000}^{(10)}m_{002}^{(22)}m_{131}^{(10)}\\
&-m_{000}^{(00)}m_{000}^{(10)}m_{002}^{(22)}m_{041}^{(00)}-m_{000}^{(00)}m_{000}^{(11)}m_{200}^{(10)}m_{023}^{(22)}+2m_{000}^{(00)}m_{000}^{(11)}m_{200}^{(10)}m_{014}^{(21)}\\
&-m_{000}^{(00)}m_{000}^{(11)}m_{200}^{(10)}m_{005}^{(11)}+m_{000}^{(00)}m_{000}^{(11)}m_{200}^{(20)}m_{032}^{(22)}-2m_{000}^{(00)}m_{000}^{(11)}m_{200}^{(20)}m_{023}^{(21)}\\
&+m_{000}^{(00)}m_{000}^{(11)}m_{200}^{(20)}m_{014}^{(11)}+m_{000}^{(00)}m_{000}^{(11)}m_{200}^{(21)}m_{122}^{(22)}-2m_{000}^{(00)}m_{000}^{(11)}m_{200}^{(21)}m_{113}^{(21)}\\
&+m_{000}^{(00)}m_{000}^{(11)}m_{200}^{(21)}m_{104}^{(11)}-m_{000}^{(00)}m_{000}^{(11)}m_{200}^{(22)}m_{131}^{(22)}+2m_{000}^{(00)}m_{000}^{(11)}m_{200}^{(22)}m_{122}^{(21)}\\
&-m_{000}^{(00)}m_{000}^{(11)}m_{200}^{(22)}m_{113}^{(11)}+2m_{000}^{(00)}m_{000}^{(11)}m_{101}^{(10)}m_{122}^{(22)}-4m_{000}^{(00)}m_{000}^{(11)}m_{101}^{(10)}m_{113}^{(21)}\\
&+2m_{000}^{(00)}m_{000}^{(11)}m_{101}^{(10)}m_{104}^{(11)}-2m_{000}^{(00)}m_{000}^{(11)}m_{101}^{(20)}m_{131}^{(22)}+4m_{000}^{(00)}m_{000}^{(11)}m_{101}^{(20)}m_{122}^{(21)}\\
&-2m_{000}^{(00)}m_{000}^{(11)}m_{101}^{(20)}m_{113}^{(11)}-2m_{000}^{(00)}m_{000}^{(11)}m_{101}^{(21)}m_{221}^{(22)}+4m_{000}^{(00)}m_{000}^{(11)}m_{101}^{(21)}m_{212}^{(21)}\\
&-2m_{000}^{(00)}m_{000}^{(11)}m_{101}^{(21)}m_{203}^{(11)}+2m_{000}^{(00)}m_{000}^{(11)}m_{101}^{(22)}m_{230}^{(22)}-4m_{000}^{(00)}m_{000}^{(11)}m_{101}^{(22)}m_{221}^{(21)}\\
&+2m_{000}^{(00)}m_{000}^{(11)}m_{101}^{(22)}m_{212}^{(11)}+m_{000}^{(00)}m_{000}^{(11)}m_{020}^{(10)}m_{203}^{(22)}-2m_{000}^{(00)}m_{000}^{(11)}m_{020}^{(10)}m_{104}^{(20)}\\
&+m_{000}^{(00)}m_{000}^{(11)}m_{020}^{(10)}m_{005}^{(00)}-m_{000}^{(00)}m_{000}^{(11)}m_{020}^{(20)}m_{212}^{(22)}+2m_{000}^{(00)}m_{000}^{(11)}m_{020}^{(20)}m_{113}^{(20)}\\
&-m_{000}^{(00)}m_{000}^{(11)}m_{020}^{(20)}m_{014}^{(00)}-m_{000}^{(00)}m_{000}^{(11)}m_{020}^{(21)}m_{302}^{(22)}+2m_{000}^{(00)}m_{000}^{(11)}m_{020}^{(21)}m_{203}^{(20)}\\
&-m_{000}^{(00)}m_{000}^{(11)}m_{020}^{(21)}m_{104}^{(00)}+m_{000}^{(00)}m_{000}^{(11)}m_{020}^{(22)}m_{311}^{(22)}-2m_{000}^{(00)}m_{000}^{(11)}m_{020}^{(22)}m_{212}^{(20)}\\
&+m_{000}^{(00)}m_{000}^{(11)}m_{020}^{(22)}m_{113}^{(00)}-2m_{000}^{(00)}m_{000}^{(11)}m_{011}^{(10)}m_{212}^{(22)}+4m_{000}^{(00)}m_{000}^{(11)}m_{011}^{(10)}m_{113}^{(20)}\\
&-2m_{000}^{(00)}m_{000}^{(11)}m_{011}^{(10)}m_{014}^{(00)}+2m_{000}^{(00)}m_{000}^{(11)}m_{011}^{(20)}m_{221}^{(22)}-4m_{000}^{(00)}m_{000}^{(11)}m_{011}^{(20)}m_{122}^{(20)}\\
&+2m_{000}^{(00)}m_{000}^{(11)}m_{011}^{(20)}m_{023}^{(00)}+2m_{000}^{(00)}m_{000}^{(11)}m_{011}^{(21)}m_{311}^{(22)}-4m_{000}^{(00)}m_{000}^{(11)}m_{011}^{(21)}m_{212}^{(20)}\\
&+2m_{000}^{(00)}m_{000}^{(11)}m_{011}^{(21)}m_{113}^{(00)}-2m_{000}^{(00)}m_{000}^{(11)}m_{011}^{(22)}m_{320}^{(22)}+4m_{000}^{(00)}m_{000}^{(11)}m_{011}^{(22)}m_{221}^{(20)}\\
&-2m_{000}^{(00)}m_{000}^{(11)}m_{011}^{(22)}m_{122}^{(00)}+2m_{000}^{(00)}m_{000}^{(11)}m_{002}^{(10)}m_{212}^{(21)}-m_{000}^{(00)}m_{000}^{(11)}m_{002}^{(10)}m_{203}^{(11)}\\
&-2m_{000}^{(00)}m_{000}^{(11)}m_{002}^{(10)}m_{122}^{(20)}+m_{000}^{(00)}m_{000}^{(11)}m_{002}^{(10)}m_{023}^{(00)}-2m_{000}^{(00)}m_{000}^{(11)}m_{002}^{(20)}m_{221}^{(21)}\\
&+m_{000}^{(00)}m_{000}^{(11)}m_{002}^{(20)}m_{212}^{(11)}+2m_{000}^{(00)}m_{000}^{(11)}m_{002}^{(20)}m_{131}^{(20)}-m_{000}^{(00)}m_{000}^{(11)}m_{002}^{(20)}m_{032}^{(00)}\\
&-2m_{000}^{(00)}m_{000}^{(11)}m_{002}^{(21)}m_{311}^{(21)}+m_{000}^{(00)}m_{000}^{(11)}m_{002}^{(21)}m_{302}^{(11)}+2m_{000}^{(00)}m_{000}^{(11)}m_{002}^{(21)}m_{221}^{(20)}\\
&-m_{000}^{(00)}m_{000}^{(11)}m_{002}^{(21)}m_{122}^{(00)}+2m_{000}^{(00)}m_{000}^{(11)}m_{002}^{(22)}m_{320}^{(21)}-m_{000}^{(00)}m_{000}^{(11)}m_{002}^{(22)}m_{311}^{(11)}\\
&-2m_{000}^{(00)}m_{000}^{(11)}m_{002}^{(22)}m_{230}^{(20)}+m_{000}^{(00)}m_{000}^{(11)}m_{002}^{(22)}m_{131}^{(00)}-m_{000}^{(00)}m_{000}^{(11)}m_{200}^{(20)}m_{032}^{(22)}\\
&+2m_{000}^{(00)}m_{000}^{(20)}m_{200}^{(11)}m_{023}^{(21)}-m_{000}^{(00)}m_{000}^{(20)}m_{200}^{(11)}m_{014}^{(11)}+2m_{000}^{(00)}m_{000}^{(20)}m_{200}^{(21)}m_{041}^{(22)}\\
&-4m_{000}^{(00)}m_{000}^{(20)}m_{200}^{(21)}m_{032}^{(21)}+2m_{000}^{(00)}m_{000}^{(20)}m_{200}^{(21)}m_{023}^{(11)}-m_{000}^{(00)}m_{000}^{(20)}m_{200}^{(22)}m_{050}^{(22)}\\
&+2m_{000}^{(00)}m_{000}^{(20)}m_{200}^{(22)}m_{041}^{(21)}-m_{000}^{(00)}m_{000}^{(20)}m_{200}^{(22)}m_{032}^{(11)}-2m_{000}^{(00)}m_{000}^{(20)}m_{110}^{(10)}m_{032}^{(22)}
\end{aligned}
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\begin{aligned}
&+4m_{000}^{(00)}m_{000}^{(20)}m_{110}^{(10)}m_{023}^{(21)} - 2m_{000}^{(00)}m_{000}^{(20)}m_{110}^{(10)}m_{014}^{(11)} + 4m_{000}^{(00)}m_{000}^{(20)}m_{110}^{(11)}m_{122}^{(22)}\\
&-8m_{000}^{(00)}m_{000}^{(20)}m_{110}^{(11)}m_{113}^{(21)} + 4m_{000}^{(00)}m_{000}^{(20)}m_{110}^{(11)}m_{104}^{(11)} + 2m_{000}^{(00)}m_{000}^{(20)}m_{110}^{(20)}m_{041}^{(22)}\\
&-4m_{000}^{(00)}m_{000}^{(20)}m_{110}^{(20)}m_{032}^{(21)} + 2m_{000}^{(00)}m_{000}^{(20)}m_{110}^{(20)}m_{023}^{(11)} - 6m_{000}^{(00)}m_{000}^{(20)}m_{110}^{(21)}m_{131}^{(22)}\\
&+12m_{000}^{(00)}m_{000}^{(20)}m_{110}^{(21)}m_{122}^{(21)} - 6m_{000}^{(00)}m_{000}^{(20)}m_{110}^{(21)}m_{113}^{(11)} + 2m_{000}^{(00)}m_{000}^{(20)}m_{110}^{(22)}m_{140}^{(22)}\\
&-4m_{000}^{(00)}m_{000}^{(20)}m_{110}^{(22)}m_{131}^{(21)} + 2m_{000}^{(00)}m_{000}^{(20)}m_{110}^{(22)}m_{122}^{(11)} + 2m_{000}^{(00)}m_{000}^{(20)}m_{101}^{(10)}m_{041}^{(22)}\\
&-4m_{000}^{(00)}m_{000}^{(20)}m_{101}^{(10)}m_{032}^{(21)} + 2m_{000}^{(00)}m_{000}^{(20)}m_{101}^{(10)}m_{023}^{(11)} - 2m_{000}^{(00)}m_{000}^{(20)}m_{101}^{(11)}m_{131}^{(22)}\\
&+4m_{000}^{(00)}m_{000}^{(20)}m_{101}^{(11)}m_{122}^{(21)} - 2m_{000}^{(00)}m_{000}^{(20)}m_{101}^{(11)}m_{113}^{(11)} - 2m_{000}^{(00)}m_{000}^{(20)}m_{101}^{(20)}m_{050}^{(22)}\\
&+4m_{000}^{(00)}m_{000}^{(20)}m_{101}^{(20)}m_{041}^{(21)} - 2m_{000}^{(00)}m_{000}^{(20)}m_{101}^{(20)}m_{032}^{(11)} + 2m_{000}^{(00)}m_{000}^{(20)}m_{101}^{(21)}m_{140}^{(22)}\\
&-4m_{000}^{(00)}m_{000}^{(20)}m_{101}^{(21)}m_{131}^{(21)} + 2m_{000}^{(00)}m_{000}^{(20)}m_{101}^{(21)}m_{122}^{(11)} + 2m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(10)}m_{122}^{(22)}\\
&-2m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(10)}m_{113}^{(21)} - 2m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(10)}m_{023}^{(20)} + 2m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(10)}m_{014}^{(10)}\\
&-3m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(11)}m_{212}^{(22)} + 4m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(11)}m_{203}^{(21)} + 2m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(11)}m_{113}^{(20)}\\
&-4m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(11)}m_{104}^{(10)} + m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(11)}m_{014}^{(00)} - 2m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(20)}m_{131}^{(22)}\\
&+2m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(20)}m_{122}^{(21)} + 2m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(20)}m_{032}^{(20)} - 2m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(20)}m_{023}^{(10)}\\
&+4m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(21)}m_{221}^{(22)} - 6m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(21)}m_{212}^{(21)} - 2m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(21)}m_{122}^{(20)}\\
&+6m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(21)}m_{113}^{(10)} - 2m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(21)}m_{023}^{(00)} - m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(22)}m_{230}^{(22)}\\
&+2m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(22)}m_{221}^{(21)} - 2m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(22)}m_{122}^{(10)} + m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(22)}m_{032}^{(00)}\\
&-2m_{000}^{(00)}m_{000}^{(20)}m_{011}^{(10)}m_{131}^{(22)} + 2m_{000}^{(00)}m_{000}^{(20)}m_{011}^{(10)}m_{113}^{(11)} + 4m_{000}^{(00)}m_{000}^{(20)}m_{011}^{(10)}m_{032}^{(20)}\\
&-4m_{000}^{(00)}m_{000}^{(20)}m_{011}^{(10)}m_{023}^{(10)} + 2m_{000}^{(00)}m_{000}^{(20)}m_{011}^{(11)}m_{221}^{(22)} - 4m_{000}^{(00)}m_{000}^{(20)}m_{011}^{(11)}m_{203}^{(11)}\\
&-4m_{000}^{(00)}m_{000}^{(20)}m_{011}^{(11)}m_{122}^{(20)} + 8m_{000}^{(00)}m_{000}^{(20)}m_{011}^{(11)}m_{113}^{(10)} - 2m_{000}^{(00)}m_{000}^{(20)}m_{011}^{(11)}m_{023}^{(00)}\\
&+2m_{000}^{(00)}m_{000}^{(20)}m_{011}^{(20)}m_{140}^{(22)} - 2m_{000}^{(00)}m_{000}^{(20)}m_{011}^{(20)}m_{122}^{(11)} - 4m_{000}^{(00)}m_{000}^{(20)}m_{011}^{(20)}m_{041}^{(20)}\\
&+4m_{000}^{(00)}m_{000}^{(20)}m_{011}^{(20)}m_{032}^{(10)} - 2m_{000}^{(00)}m_{000}^{(20)}m_{011}^{(21)}m_{230}^{(22)} + 6m_{000}^{(00)}m_{000}^{(20)}m_{011}^{(21)}m_{212}^{(11)}\\
&+4m_{000}^{(00)}m_{000}^{(20)}m_{011}^{(21)}m_{131}^{(20)} - 12m_{000}^{(00)}m_{000}^{(20)}m_{011}^{(21)}m_{122}^{(10)} + 4m_{000}^{(00)}m_{000}^{(20)}m_{011}^{(21)}m_{032}^{(00)}\\
&-2m_{000}^{(00)}m_{000}^{(20)}m_{011}^{(22)}m_{221}^{(11)} + 4m_{000}^{(00)}m_{000}^{(20)}m_{011}^{(22)}m_{131}^{(10)} - 2m_{000}^{(00)}m_{000}^{(20)}m_{011}^{(22)}m_{041}^{(00)}\\
&+2m_{000}^{(00)}m_{000}^{(20)}m_{002}^{(10)}m_{131}^{(21)} - 2m_{000}^{(00)}m_{000}^{(20)}m_{002}^{(10)}m_{122}^{(11)} - 2m_{000}^{(00)}m_{000}^{(20)}m_{002}^{(10)}m_{041}^{(20)}\\
&+2m_{000}^{(00)}m_{000}^{(20)}m_{002}^{(10)}m_{032}^{(10)} - 2m_{000}^{(00)}m_{000}^{(20)}m_{002}^{(11)}m_{221}^{(21)} + 3m_{000}^{(00)}m_{000}^{(20)}m_{002}^{(11)}m_{212}^{(11)}\\
&+2m_{000}^{(00)}m_{000}^{(20)}m_{002}^{(11)}m_{131}^{(20)} - 4m_{000}^{(00)}m_{000}^{(20)}m_{002}^{(11)}m_{122}^{(10)} + m_{000}^{(00)}m_{000}^{(20)}m_{002}^{(11)}m_{032}^{(00)}\\
&-2m_{000}^{(00)}m_{000}^{(20)}m_{002}^{(20)}m_{140}^{(21)} + 2m_{000}^{(00)}m_{000}^{(20)}m_{002}^{(20)}m_{131}^{(11)} + 2m_{000}^{(00)}m_{000}^{(20)}m_{002}^{(20)}m_{050}^{(20)}\\
&-2m_{000}^{(00)}m_{000}^{(20)}m_{002}^{(20)}m_{041}^{(10)} + 2m_{000}^{(00)}m_{000}^{(20)}m_{002}^{(21)}m_{230}^{(21)} - 4m_{000}^{(00)}m_{000}^{(20)}m_{002}^{(21)}m_{221}^{(11)}\\
&-2m_{000}^{(00)}m_{000}^{(20)}m_{002}^{(21)}m_{140}^{(20)} + 6m_{000}^{(00)}m_{000}^{(20)}m_{002}^{(21)}m_{131}^{(10)} - 2m_{000}^{(00)}m_{000}^{(20)}m_{002}^{(21)}m_{041}^{(00)}\\
&+m_{000}^{(00)}m_{000}^{(20)}m_{002}^{(22)}m_{230}^{(11)} - 2m_{000}^{(00)}m_{000}^{(20)}m_{002}^{(22)}m_{140}^{(10)} + m_{000}^{(00)}m_{000}^{(20)}m_{002}^{(22)}m_{050}^{(00)}\\
&+2m_{000}^{(00)}m_{000}^{(21)}m_{200}^{(10)}m_{032}^{(22)} - 4m_{000}^{(00)}m_{000}^{(21)}m_{200}^{(10)}m_{023}^{(21)} + 2m_{000}^{(00)}m_{000}^{(21)}m_{200}^{(10)}m_{014}^{(11)}\\
&-m_{000}^{(00)}m_{000}^{(21)}m_{200}^{(11)}m_{122}^{(22)} + 2m_{000}^{(00)}m_{000}^{(21)}m_{200}^{(11)}m_{113}^{(21)} - m_{000}^{(00)}m_{000}^{(21)}m_{200}^{(11)}m_{104}^{(11)}\\
&-2m_{000}^{(00)}m_{000}^{(21)}m_{200}^{(20)}m_{041}^{(22)} + 4m_{000}^{(00)}m_{000}^{(21)}m_{200}^{(20)}m_{032}^{(21)} - 2m_{000}^{(00)}m_{000}^{(21)}m_{200}^{(20)}m_{023}^{(11)}\\
&+m_{000}^{(00)}m_{000}^{(21)}m_{200}^{(22)}m_{140}^{(22)} - 2m_{000}^{(00)}m_{000}^{(21)}m_{200}^{(22)}m_{131}^{(21)} + m_{000}^{(00)}m_{000}^{(21)}m_{200}^{(22)}m_{122}^{(11)}\\
&-2m_{000}^{(00)}m_{000}^{(21)}m_{110}^{(10)}m_{122}^{(22)} + 4m_{000}^{(00)}m_{000}^{(21)}m_{110}^{(10)}m_{113}^{(21)} - 2m_{000}^{(00)}m_{000}^{(21)}m_{110}^{(10)}m_{104}^{(11)}\\
&+2m_{000}^{(00)}m_{000}^{(21)}m_{110}^{(20)}m_{131}^{(22)} - 4m_{000}^{(00)}m_{000}^{(21)}m_{110}^{(20)}m_{122}^{(21)} + 2m_{000}^{(00)}m_{000}^{(21)}m_{110}^{(20)}m_{113}^{(11)}\\
&+2m_{000}^{(00)}m_{000}^{(21)}m_{110}^{(21)}m_{221}^{(22)} - 4m_{000}^{(00)}m_{000}^{(21)}m_{110}^{(21)}m_{212}^{(21)} + 2m_{000}^{(00)}m_{000}^{(21)}m_{110}^{(21)}m_{203}^{(11)}\\
&-2m_{000}^{(00)}m_{000}^{(21)}m_{110}^{(22)}m_{230}^{(22)} + 4m_{000}^{(00)}m_{000}^{(21)}m_{110}^{(22)}m_{221}^{(21)} - 2m_{000}^{(00)}m_{000}^{(21)}m_{110}^{(22)}m_{212}^{(11)}
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&-2m_{000}^{(00)}m_{000}^{(21)}m_{101}^{(10)}m_{131}^{(22)}+4m_{000}^{(00)}m_{000}^{(21)}m_{101}^{(10)}m_{122}^{(21)}-2m_{000}^{(00)}m_{000}^{(21)}m_{101}^{(10)}m_{113}^{(11)}\\
&+2m_{000}^{(00)}m_{000}^{(21)}m_{101}^{(11)}m_{221}^{(22)}-4m_{000}^{(00)}m_{000}^{(21)}m_{101}^{(11)}m_{212}^{(21)}+2m_{000}^{(00)}m_{000}^{(21)}m_{101}^{(11)}m_{203}^{(11)}\\
&+2m_{000}^{(00)}m_{000}^{(21)}m_{101}^{(20)}m_{140}^{(22)}-4m_{000}^{(00)}m_{000}^{(21)}m_{101}^{(20)}m_{131}^{(21)}+2m_{000}^{(00)}m_{000}^{(21)}m_{101}^{(20)}m_{122}^{(11)}\\
&-2m_{000}^{(00)}m_{000}^{(21)}m_{101}^{(21)}m_{230}^{(22)}+4m_{000}^{(00)}m_{000}^{(21)}m_{101}^{(21)}m_{221}^{(21)}-2m_{000}^{(00)}m_{000}^{(21)}m_{101}^{(21)}m_{212}^{(11)}\\
&-2m_{000}^{(00)}m_{000}^{(21)}m_{020}^{(10)}m_{203}^{(21)}+2m_{000}^{(00)}m_{000}^{(21)}m_{020}^{(10)}m_{113}^{(20)}+2m_{000}^{(00)}m_{000}^{(21)}m_{020}^{(10)}m_{104}^{(10)}\\
&-2m_{000}^{(00)}m_{000}^{(21)}m_{020}^{(10)}m_{014}^{(00)}+m_{000}^{(00)}m_{000}^{(21)}m_{020}^{(11)}m_{302}^{(22)}-2m_{000}^{(00)}m_{000}^{(21)}m_{020}^{(11)}m_{203}^{(20)}\\
&+m_{000}^{(00)}m_{000}^{(21)}m_{020}^{(11)}m_{104}^{(00)}+2m_{000}^{(00)}m_{000}^{(21)}m_{020}^{(20)}m_{212}^{(21)}-2m_{000}^{(00)}m_{000}^{(21)}m_{020}^{(20)}m_{122}^{(20)}\\
&-2m_{000}^{(00)}m_{000}^{(21)}m_{020}^{(20)}m_{113}^{(10)}+2m_{000}^{(00)}m_{000}^{(21)}m_{020}^{(20)}m_{023}^{(00)}-2m_{000}^{(00)}m_{000}^{(21)}m_{020}^{(21)}m_{311}^{(22)}\\
&+2m_{000}^{(00)}m_{000}^{(21)}m_{020}^{(21)}m_{302}^{(21)}+2m_{000}^{(00)}m_{000}^{(21)}m_{020}^{(21)}m_{212}^{(20)}-2m_{000}^{(00)}m_{000}^{(21)}m_{020}^{(21)}m_{203}^{(10)}\\
&+m_{000}^{(00)}m_{000}^{(21)}m_{020}^{(22)}m_{320}^{(22)}-2m_{000}^{(00)}m_{000}^{(21)}m_{020}^{(22)}m_{311}^{(21)}+2m_{000}^{(00)}m_{000}^{(21)}m_{020}^{(22)}m_{212}^{(10)}\\
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&+4m_{000}^{(00)}m_{000}^{(21)}m_{011}^{(20)}m_{122}^{(10)}-4m_{000}^{(00)}m_{000}^{(21)}m_{011}^{(20)}m_{032}^{(00)}+2m_{000}^{(00)}m_{000}^{(21)}m_{011}^{(21)}m_{320}^{(22)}\\
&-2m_{000}^{(00)}m_{000}^{(21)}m_{011}^{(21)}m_{302}^{(11)}-4m_{000}^{(00)}m_{000}^{(21)}m_{011}^{(21)}m_{221}^{(20)}+4m_{000}^{(00)}m_{000}^{(21)}m_{011}^{(21)}m_{212}^{(10)}\\
&+2m_{000}^{(00)}m_{000}^{(21)}m_{011}^{(22)}m_{311}^{(11)}-4m_{000}^{(00)}m_{000}^{(21)}m_{011}^{(22)}m_{221}^{(10)}+2m_{000}^{(00)}m_{000}^{(21)}m_{011}^{(22)}m_{131}^{(00)}\\
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&-2m_{000}^{(00)}m_{000}^{(21)}m_{002}^{(10)}m_{032}^{(00)}+2m_{000}^{(00)}m_{000}^{(21)}m_{002}^{(11)}m_{311}^{(21)}-m_{000}^{(00)}m_{000}^{(21)}m_{002}^{(11)}m_{302}^{(11)}\\
&-2m_{000}^{(00)}m_{000}^{(21)}m_{002}^{(11)}m_{221}^{(20)}+m_{000}^{(00)}m_{000}^{(21)}m_{002}^{(11)}m_{122}^{(00)}+2m_{000}^{(00)}m_{000}^{(21)}m_{002}^{(20)}m_{230}^{(21)}\\
&-2m_{000}^{(00)}m_{000}^{(21)}m_{002}^{(20)}m_{140}^{(20)}-2m_{000}^{(00)}m_{000}^{(21)}m_{002}^{(20)}m_{131}^{(10)}+2m_{000}^{(00)}m_{000}^{(21)}m_{002}^{(20)}m_{041}^{(00)}\\
&-2m_{000}^{(00)}m_{000}^{(21)}m_{002}^{(21)}m_{320}^{(21)}+2m_{000}^{(00)}m_{000}^{(21)}m_{002}^{(21)}m_{311}^{(11)}+2m_{000}^{(00)}m_{000}^{(21)}m_{002}^{(21)}m_{230}^{(20)}\\
&-2m_{000}^{(00)}m_{000}^{(21)}m_{002}^{(21)}m_{221}^{(10)}-m_{000}^{(00)}m_{000}^{(21)}m_{002}^{(22)}m_{320}^{(11)}+2m_{000}^{(00)}m_{000}^{(21)}m_{002}^{(22)}m_{230}^{(10)}\\
&-m_{000}^{(00)}m_{000}^{(21)}m_{002}^{(22)}m_{140}^{(00)}-m_{000}^{(00)}m_{000}^{(22)}m_{200}^{(10)}m_{041}^{(22)}+2m_{000}^{(00)}m_{000}^{(22)}m_{200}^{(10)}m_{032}^{(21)}\\
&-m_{000}^{(00)}m_{000}^{(22)}m_{200}^{(10)}m_{023}^{(11)}+m_{000}^{(00)}m_{000}^{(22)}m_{200}^{(11)}m_{131}^{(22)}-2m_{000}^{(00)}m_{000}^{(22)}m_{200}^{(11)}m_{122}^{(21)}\\
&+m_{000}^{(00)}m_{000}^{(22)}m_{200}^{(11)}m_{113}^{(11)}+m_{000}^{(00)}m_{000}^{(22)}m_{200}^{(20)}m_{050}^{(22)}-2m_{000}^{(00)}m_{000}^{(22)}m_{200}^{(20)}m_{041}^{(21)}\\
&+m_{000}^{(00)}m_{000}^{(22)}m_{200}^{(20)}m_{032}^{(11)}-m_{000}^{(00)}m_{000}^{(22)}m_{200}^{(21)}m_{140}^{(22)}+2m_{000}^{(00)}m_{000}^{(22)}m_{200}^{(21)}m_{131}^{(21)}\\
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&+2m_{000}^{(00)}m_{000}^{(22)}m_{110}^{(10)}m_{113}^{(11)}-2m_{000}^{(00)}m_{000}^{(22)}m_{110}^{(11)}m_{221}^{(22)}+4m_{000}^{(00)}m_{000}^{(22)}m_{110}^{(11)}m_{212}^{(21)}\\
&-2m_{000}^{(00)}m_{000}^{(22)}m_{110}^{(11)}m_{203}^{(11)}-2m_{000}^{(00)}m_{000}^{(22)}m_{110}^{(20)}m_{140}^{(22)}+4m_{000}^{(00)}m_{000}^{(22)}m_{110}^{(20)}m_{131}^{(21)}\\
&-2m_{000}^{(00)}m_{000}^{(22)}m_{110}^{(20)}m_{122}^{(11)}+2m_{000}^{(00)}m_{000}^{(22)}m_{110}^{(21)}m_{230}^{(22)}-4m_{000}^{(00)}m_{000}^{(22)}m_{110}^{(21)}m_{221}^{(21)}\\
&+2m_{000}^{(00)}m_{000}^{(22)}m_{110}^{(21)}m_{212}^{(11)}-m_{000}^{(00)}m_{000}^{(22)}m_{020}^{(10)}m_{221}^{(22)}+2m_{000}^{(00)}m_{000}^{(22)}m_{020}^{(10)}m_{212}^{(21)}\\
&-2m_{000}^{(00)}m_{000}^{(22)}m_{020}^{(10)}m_{113}^{(10)}+m_{000}^{(00)}m_{000}^{(22)}m_{020}^{(10)}m_{023}^{(00)}+m_{000}^{(00)}m_{000}^{(22)}m_{020}^{(11)}m_{311}^{(22)}\\
&-2m_{000}^{(00)}m_{000}^{(22)}m_{020}^{(11)}m_{302}^{(21)}+2m_{000}^{(00)}m_{000}^{(22)}m_{020}^{(11)}m_{203}^{(10)}-m_{000}^{(00)}m_{000}^{(22)}m_{020}^{(11)}m_{113}^{(00)}\\
&+m_{000}^{(00)}m_{000}^{(22)}m_{020}^{(20)}m_{230}^{(22)}-2m_{000}^{(00)}m_{000}^{(22)}m_{020}^{(20)}m_{221}^{(21)}+2m_{000}^{(00)}m_{000}^{(22)}m_{020}^{(20)}m_{122}^{(10)}\\
&-m_{000}^{(00)}m_{000}^{(22)}m_{020}^{(20)}m_{032}^{(00)}-m_{000}^{(00)}m_{000}^{(22)}m_{020}^{(21)}m_{320}^{(22)}+2m_{000}^{(00)}m_{000}^{(22)}m_{020}^{(21)}m_{311}^{(21)}\\
&-2m_{000}^{(00)}m_{000}^{(22)}m_{020}^{(21)}m_{212}^{(10)}+m_{000}^{(00)}m_{000}^{(22)}m_{020}^{(21)}m_{122}^{(00)}-2m_{000}^{(00)}m_{000}^{(22)}m_{011}^{(10)}m_{212}^{(11)}\\
&+4m_{000}^{(00)}m_{000}^{(22)}m_{011}^{(10)}m_{122}^{(10)}-2m_{000}^{(00)}m_{000}^{(22)}m_{011}^{(10)}m_{032}^{(00)}+2m_{000}^{(00)}m_{000}^{(22)}m_{011}^{(11)}m_{302}^{(11)}
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&-4m_{000}^{(00)}m_{000}^{(22)}m_{011}^{(11)}m_{212}^{(10)} + 2m_{000}^{(00)}m_{000}^{(22)}m_{011}^{(11)}m_{122}^{(00)} + 2m_{000}^{(00)}m_{000}^{(22)}m_{011}^{(20)}m_{221}^{(11)}\\
&-4m_{000}^{(00)}m_{000}^{(22)}m_{011}^{(20)}m_{131}^{(10)} + 2m_{000}^{(00)}m_{000}^{(22)}m_{011}^{(20)}m_{041}^{(00)} - 2m_{000}^{(00)}m_{000}^{(22)}m_{011}^{(21)}m_{311}^{(11)}\\
&+4m_{000}^{(00)}m_{000}^{(22)}m_{011}^{(21)}m_{221}^{(10)} - 2m_{000}^{(00)}m_{000}^{(22)}m_{011}^{(21)}m_{131}^{(00)} + m_{000}^{(00)}m_{000}^{(22)}m_{002}^{(10)}m_{221}^{(11)}\\
&-2m_{000}^{(00)}m_{000}^{(22)}m_{002}^{(10)}m_{131}^{(10)} + m_{000}^{(00)}m_{000}^{(22)}m_{002}^{(10)}m_{041}^{(00)} - m_{000}^{(00)}m_{000}^{(22)}m_{002}^{(11)}m_{311}^{(11)}\\
&+2m_{000}^{(00)}m_{000}^{(22)}m_{002}^{(11)}m_{221}^{(10)} - m_{000}^{(00)}m_{000}^{(22)}m_{002}^{(11)}m_{131}^{(00)} - m_{000}^{(00)}m_{000}^{(22)}m_{002}^{(20)}m_{230}^{(11)}\\
&+2m_{000}^{(00)}m_{000}^{(22)}m_{002}^{(20)}m_{140}^{(10)} - m_{000}^{(00)}m_{000}^{(22)}m_{002}^{(20)}m_{050}^{(00)} + m_{000}^{(00)}m_{000}^{(22)}m_{002}^{(21)}m_{320}^{(11)}\\
&-2m_{000}^{(00)}m_{000}^{(22)}m_{002}^{(21)}m_{230}^{(10)} + m_{000}^{(00)}m_{000}^{(22)}m_{002}^{(21)}m_{140}^{(00)} - (m_{000}^{(10)})^2m_{200}^{(10)}m_{023}^{(22)}\\
&+2(m_{000}^{(10)})^2m_{200}^{(10)}m_{014}^{(21)} - (m_{000}^{(10)})^2m_{200}^{(10)}m_{005}^{(11)} - (m_{000}^{(10)})^2m_{200}^{(11)}m_{113}^{(22)}\\
&+(m_{000}^{(10)})^2m_{200}^{(11)}m_{104}^{(21)} + (m_{000}^{(10)})^2m_{200}^{(11)}m_{014}^{(20)} - (m_{000}^{(10)})^2m_{200}^{(11)}m_{005}^{(10)}\\
&+(m_{000}^{(10)})^2m_{200}^{(20)}m_{032}^{(22)} - 2(m_{000}^{(10)})^2m_{200}^{(20)}m_{023}^{(21)} + (m_{000}^{(10)})^2m_{200}^{(20)}m_{014}^{(11)}\\
&+3(m_{000}^{(10)})^2m_{200}^{(21)}m_{122}^{(22)} - 4(m_{000}^{(10)})^2m_{200}^{(21)}m_{113}^{(21)} + (m_{000}^{(10)})^2m_{200}^{(21)}m_{104}^{(11)}\\
&-2(m_{000}^{(10)})^2m_{200}^{(21)}m_{023}^{(20)} + 2(m_{000}^{(10)})^2m_{200}^{(21)}m_{014}^{(10)} - 2(m_{000}^{(10)})^2m_{200}^{(22)}m_{131}^{(22)}\\
&+3(m_{000}^{(10)})^2m_{200}^{(22)}m_{122}^{(21)} - (m_{000}^{(10)})^2m_{200}^{(22)}m_{113}^{(11)} + (m_{000}^{(10)})^2m_{200}^{(22)}m_{032}^{(20)}\\
&-(m_{000}^{(10)})^2m_{200}^{(22)}m_{023}^{(10)} - (m_{000}^{(10)})^2m_{110}^{(00)}m_{023}^{(22)} + 2(m_{000}^{(10)})^2m_{110}^{(00)}m_{014}^{(21)}\\
&-(m_{000}^{(10)})^2m_{110}^{(00)}m_{005}^{(11)} + (m_{000}^{(10)})^2m_{110}^{(11)}m_{203}^{(22)} - 2(m_{000}^{(10)})^2m_{110}^{(11)}m_{104}^{(20)}\\
&+(m_{000}^{(10)})^2m_{110}^{(11)}m_{005}^{(00)} + 2(m_{000}^{(10)})^2m_{110}^{(20)}m_{122}^{(22)} - 4(m_{000}^{(10)})^2m_{110}^{(20)}m_{113}^{(21)}\\
&+2(m_{000}^{(10)})^2m_{110}^{(20)}m_{104}^{(11)} - 2(m_{000}^{(10)})^2m_{110}^{(21)}m_{212}^{(22)} + 4(m_{000}^{(10)})^2m_{110}^{(21)}m_{113}^{(20)}\\
&-2(m_{000}^{(10)})^2m_{110}^{(21)}m_{014}^{(00)} + 2(m_{000}^{(10)})^2m_{110}^{(22)}m_{212}^{(21)} - (m_{000}^{(10)})^2m_{110}^{(22)}m_{203}^{(11)}\\
&-2(m_{000}^{(10)})^2m_{110}^{(22)}m_{122}^{(20)} + (m_{000}^{(10)})^2m_{110}^{(22)}m_{023}^{(00)} + (m_{000}^{(10)})^2m_{101}^{(00)}m_{032}^{(22)}\\
&-2(m_{000}^{(10)})^2m_{101}^{(00)}m_{023}^{(21)} + (m_{000}^{(10)})^2m_{101}^{(00)}m_{014}^{(11)} + 2(m_{000}^{(10)})^2m_{101}^{(10)}m_{122}^{(22)}\\
&-4(m_{000}^{(10)})^2m_{101}^{(10)}m_{113}^{(21)} + 2(m_{000}^{(10)})^2m_{101}^{(10)}m_{104}^{(11)} + (m_{000}^{(10)})^2m_{101}^{(11)}m_{212}^{(22)}\\
&-2(m_{000}^{(10)})^2m_{101}^{(11)}m_{203}^{(21)} + 2(m_{000}^{(10)})^2m_{101}^{(11)}m_{104}^{(10)} - (m_{000}^{(10)})^2m_{101}^{(11)}m_{014}^{(00)}\\
&-4(m_{000}^{(10)})^2m_{101}^{(20)}m_{131}^{(22)} + 8(m_{000}^{(10)})^2m_{101}^{(20)}m_{122}^{(21)} - 4(m_{000}^{(10)})^2m_{101}^{(20)}m_{113}^{(11)}\\
&-4(m_{000}^{(10)})^2m_{101}^{(21)}m_{221}^{(22)} + 8(m_{000}^{(10)})^2m_{101}^{(21)}m_{212}^{(21)} - 2(m_{000}^{(10)})^2m_{101}^{(21)}m_{203}^{(11)}\\
&-4(m_{000}^{(10)})^2m_{101}^{(21)}m_{113}^{(10)} + 2(m_{000}^{(10)})^2m_{101}^{(21)}m_{023}^{(00)} + 4(m_{000}^{(10)})^2m_{101}^{(22)}m_{230}^{(22)}\\
&-8(m_{000}^{(10)})^2m_{101}^{(22)}m_{221}^{(21)} + 3(m_{000}^{(10)})^2m_{101}^{(22)}m_{212}^{(11)} + 2(m_{000}^{(10)})^2m_{101}^{(22)}m_{122}^{(10)}\\
&-(m_{000}^{(10)})^2m_{101}^{(22)}m_{032}^{(00)} + (m_{000}^{(10)})^2m_{020}^{(00)}m_{113}^{(22)} - (m_{000}^{(10)})^2m_{020}^{(00)}m_{104}^{(21)}\\
&-(m_{000}^{(10)})^2m_{020}^{(00)}m_{014}^{(20)} + (m_{000}^{(10)})^2m_{020}^{(00)}m_{005}^{(10)} + (m_{000}^{(10)})^2m_{020}^{(10)}m_{203}^{(22)}\\
&-2(m_{000}^{(10)})^2m_{020}^{(10)}m_{104}^{(20)} + (m_{000}^{(10)})^2m_{020}^{(10)}m_{005}^{(00)} - 3(m_{000}^{(10)})^2m_{020}^{(20)}m_{212}^{(22)}\\
&+2(m_{000}^{(10)})^2m_{020}^{(20)}m_{203}^{(21)} + 4(m_{000}^{(10)})^2m_{020}^{(20)}m_{113}^{(20)} - 2(m_{000}^{(10)})^2m_{020}^{(20)}m_{104}^{(10)}\\
&-(m_{000}^{(10)})^2m_{020}^{(20)}m_{014}^{(00)} - (m_{000}^{(10)})^2m_{020}^{(21)}m_{302}^{(22)} + 2(m_{000}^{(10)})^2m_{020}^{(21)}m_{203}^{(20)}\\
&-(m_{000}^{(10)})^2m_{020}^{(21)}m_{104}^{(00)} + 2(m_{000}^{(10)})^2m_{020}^{(22)}m_{311}^{(22)} - (m_{000}^{(10)})^2m_{020}^{(22)}m_{302}^{(21)}\\
&-3(m_{000}^{(10)})^2m_{020}^{(22)}m_{212}^{(20)} + (m_{000}^{(10)})^2m_{020}^{(22)}m_{203}^{(10)} + (m_{000}^{(10)})^2m_{020}^{(22)}m_{113}^{(00)}\\
&-(m_{000}^{(10)})^2m_{011}^{(00)}m_{122}^{(22)} + (m_{000}^{(10)})^2m_{011}^{(00)}m_{104}^{(11)} + 2(m_{000}^{(10)})^2m_{011}^{(00)}m_{023}^{(20)}\\
&-2(m_{000}^{(10)})^2m_{011}^{(00)}m_{014}^{(10)} - 2(m_{000}^{(10)})^2m_{011}^{(10)}m_{212}^{(22)} + 4(m_{000}^{(10)})^2m_{011}^{(10)}m_{113}^{(20)}\\
&-2(m_{000}^{(10)})^2m_{011}^{(10)}m_{014}^{(00)} - (m_{000}^{(10)})^2m_{011}^{(11)}m_{302}^{(22)} + 2(m_{000}^{(10)})^2m_{011}^{(11)}m_{203}^{(20)}\\
&-(m_{000}^{(10)})^2m_{011}^{(11)}m_{104}^{(00)} + 4(m_{000}^{(10)})^2m_{011}^{(20)}m_{221}^{(22)} - 2(m_{000}^{(10)})^2m_{011}^{(20)}m_{203}^{(11)}\\
&-8(m_{000}^{(10)})^2m_{011}^{(20)}m_{122}^{(20)} + 4(m_{000}^{(10)})^2m_{011}^{(20)}m_{113}^{(10)} + 2(m_{000}^{(10)})^2m_{011}^{(20)}m_{023}^{(00)}
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$$+4(m_{000}^{(10)})^2m_{011}^{(21)}m_{311}^{(22)} - 8(m_{000}^{(10)})^2m_{011}^{(21)}m_{212}^{(20)} + 4(m_{000}^{(10)})^2m_{011}^{(21)}m_{113}^{(00)}$$
$$-4(m_{000}^{(10)})^2m_{011}^{(22)}m_{320}^{(22)} + (m_{000}^{(10)})^2m_{011}^{(22)}m_{302}^{(11)} + 8(m_{000}^{(10)})^2m_{011}^{(22)}m_{221}^{(20)}$$
$$-2(m_{000}^{(10)})^2m_{011}^{(22)}m_{212}^{(10)} - 3(m_{000}^{(10)})^2m_{011}^{(22)}m_{122}^{(00)} + (m_{000}^{(10)})^2m_{002}^{(00)}m_{122}^{(21)}$$
$$-(m_{000}^{(10)})^2m_{002}^{(00)}m_{113}^{(11)} - (m_{000}^{(10)})^2m_{002}^{(00)}m_{032}^{(20)} + (m_{000}^{(10)})^2m_{002}^{(00)}m_{023}^{(10)}$$
$$+2(m_{000}^{(10)})^2m_{002}^{(10)}m_{212}^{(21)} - (m_{000}^{(10)})^2m_{002}^{(10)}m_{203}^{(11)} - 2(m_{000}^{(10)})^2m_{002}^{(10)}m_{122}^{(20)}$$
$$+(m_{000}^{(10)})^2m_{002}^{(10)}m_{023}^{(00)} + (m_{000}^{(10)})^2m_{002}^{(11)}m_{302}^{(21)} - (m_{000}^{(10)})^2m_{002}^{(11)}m_{212}^{(20)}$$
$$-(m_{000}^{(10)})^2m_{002}^{(11)}m_{203}^{(10)} + (m_{000}^{(10)})^2m_{002}^{(11)}m_{113}^{(00)} - 4(m_{000}^{(10)})^2m_{002}^{(20)}m_{221}^{(21)}$$
$$+3(m_{000}^{(10)})^2m_{002}^{(20)}m_{212}^{(11)} + 4(m_{000}^{(10)})^2m_{002}^{(20)}m_{131}^{(20)} - 2(m_{000}^{(10)})^2m_{002}^{(20)}m_{122}^{(10)}$$
$$-(m_{000}^{(10)})^2m_{002}^{(20)}m_{032}^{(00)} - 4(m_{000}^{(10)})^2m_{002}^{(21)}m_{311}^{(21)} + (m_{000}^{(10)})^2m_{002}^{(21)}m_{302}^{(11)}$$
$$+4(m_{000}^{(10)})^2m_{002}^{(21)}m_{221}^{(20)} + 2(m_{000}^{(10)})^2m_{002}^{(21)}m_{212}^{(10)} - 3(m_{000}^{(10)})^2m_{002}^{(21)}m_{122}^{(00)}$$
$$+4(m_{000}^{(10)})^2m_{002}^{(22)}m_{320}^{(21)} - 2(m_{000}^{(10)})^2m_{002}^{(22)}m_{311}^{(11)} - 4(m_{000}^{(10)})^2m_{002}^{(22)}m_{230}^{(20)}$$
$$+2(m_{000}^{(10)})^2m_{002}^{(22)}m_{131}^{(00)} + m_{000}^{(10)}m_{000}^{(11)}m_{200}^{(00)}m_{023}^{(22)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{200}^{(00)}m_{014}^{(21)}$$
$$+m_{000}^{(10)}m_{000}^{(11)}m_{200}^{(00)}m_{005}^{(11)} + 2m_{000}^{(10)}m_{000}^{(11)}m_{200}^{(10)}m_{113}^{(22)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{200}^{(10)}m_{104}^{(21)}$$
$$-2m_{000}^{(10)}m_{000}^{(11)}m_{200}^{(10)}m_{014}^{(20)} + 2m_{000}^{(10)}m_{000}^{(11)}m_{200}^{(10)}m_{005}^{(10)} - 4m_{000}^{(10)}m_{000}^{(11)}m_{200}^{(20)}m_{122}^{(22)}$$
$$+6m_{000}^{(10)}m_{000}^{(11)}m_{200}^{(20)}m_{113}^{(21)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{200}^{(20)}m_{104}^{(11)} + 2m_{000}^{(10)}m_{000}^{(11)}m_{200}^{(20)}m_{023}^{(20)}$$
$$-2m_{000}^{(10)}m_{000}^{(11)}m_{200}^{(20)}m_{014}^{(10)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{200}^{(21)}m_{212}^{(22)} + 2m_{000}^{(10)}m_{000}^{(11)}m_{200}^{(21)}m_{203}^{(21)}$$
$$+2m_{000}^{(10)}m_{000}^{(11)}m_{200}^{(21)}m_{113}^{(20)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{200}^{(21)}m_{104}^{(10)} + 3m_{000}^{(10)}m_{000}^{(11)}m_{200}^{(22)}m_{221}^{(22)}$$
$$-4m_{000}^{(10)}m_{000}^{(11)}m_{200}^{(22)}m_{212}^{(21)} + m_{000}^{(10)}m_{000}^{(11)}m_{200}^{(22)}m_{203}^{(11)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{200}^{(22)}m_{122}^{(20)}$$
$$+2m_{000}^{(10)}m_{000}^{(11)}m_{200}^{(22)}m_{113}^{(10)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{110}^{(10)}m_{203}^{(22)} + 4m_{000}^{(10)}m_{000}^{(11)}m_{110}^{(10)}m_{104}^{(20)}$$
$$-2m_{000}^{(10)}m_{000}^{(11)}m_{110}^{(10)}m_{005}^{(00)} + 2m_{000}^{(10)}m_{000}^{(11)}m_{110}^{(20)}m_{212}^{(22)} - 4m_{000}^{(10)}m_{000}^{(11)}m_{110}^{(20)}m_{113}^{(20)}$$
$$+2m_{000}^{(10)}m_{000}^{(11)}m_{110}^{(20)}m_{014}^{(00)} + 2m_{000}^{(10)}m_{000}^{(11)}m_{110}^{(21)}m_{302}^{(22)} - 4m_{000}^{(10)}m_{000}^{(11)}m_{110}^{(21)}m_{203}^{(20)}$$
$$+2m_{000}^{(10)}m_{000}^{(11)}m_{110}^{(21)}m_{104}^{(00)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{110}^{(22)}m_{311}^{(22)} + 4m_{000}^{(10)}m_{000}^{(11)}m_{110}^{(22)}m_{212}^{(20)}$$
$$-2m_{000}^{(10)}m_{000}^{(11)}m_{110}^{(22)}m_{113}^{(00)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{101}^{(00)}m_{122}^{(22)} + 4m_{000}^{(10)}m_{000}^{(11)}m_{101}^{(00)}m_{113}^{(21)}$$
$$-2m_{000}^{(10)}m_{000}^{(11)}m_{101}^{(00)}m_{104}^{(11)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{101}^{(10)}m_{212}^{(22)} + 4m_{000}^{(10)}m_{000}^{(11)}m_{101}^{(10)}m_{203}^{(21)}$$
$$-4m_{000}^{(10)}m_{000}^{(11)}m_{101}^{(10)}m_{104}^{(10)} + 2m_{000}^{(10)}m_{000}^{(11)}m_{101}^{(10)}m_{014}^{(00)} + 6m_{000}^{(10)}m_{000}^{(11)}m_{101}^{(20)}m_{221}^{(22)}$$
$$-12m_{000}^{(10)}m_{000}^{(11)}m_{101}^{(20)}m_{212}^{(21)} + 4m_{000}^{(10)}m_{000}^{(11)}m_{101}^{(20)}m_{203}^{(11)} + 4m_{000}^{(10)}m_{000}^{(11)}m_{101}^{(20)}m_{113}^{(10)}$$
$$-2m_{000}^{(10)}m_{000}^{(11)}m_{101}^{(20)}m_{023}^{(00)} + 2m_{000}^{(10)}m_{000}^{(11)}m_{101}^{(21)}m_{311}^{(22)} - 4m_{000}^{(10)}m_{000}^{(11)}m_{101}^{(21)}m_{302}^{(21)}$$
$$+4m_{000}^{(10)}m_{000}^{(11)}m_{101}^{(21)}m_{203}^{(10)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{101}^{(21)}m_{113}^{(00)} - 4m_{000}^{(10)}m_{000}^{(11)}m_{101}^{(22)}m_{320}^{(22)}$$
$$+8m_{000}^{(10)}m_{000}^{(11)}m_{101}^{(22)}m_{311}^{(21)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{101}^{(22)}m_{302}^{(11)} - 4m_{000}^{(10)}m_{000}^{(11)}m_{101}^{(22)}m_{212}^{(10)}$$
$$+2m_{000}^{(10)}m_{000}^{(11)}m_{101}^{(22)}m_{122}^{(00)} - m_{000}^{(10)}m_{000}^{(11)}m_{020}^{(00)}m_{203}^{(22)} + 2m_{000}^{(10)}m_{000}^{(11)}m_{020}^{(00)}m_{104}^{(20)}$$
$$-m_{000}^{(10)}m_{000}^{(11)}m_{020}^{(00)}m_{005}^{(00)} + 2m_{000}^{(10)}m_{000}^{(11)}m_{020}^{(20)}m_{302}^{(22)} - 4m_{000}^{(10)}m_{000}^{(11)}m_{020}^{(20)}m_{203}^{(20)}$$
$$+2m_{000}^{(10)}m_{000}^{(11)}m_{020}^{(20)}m_{104}^{(00)} - m_{000}^{(10)}m_{000}^{(11)}m_{020}^{(22)}m_{401}^{(22)} + 2m_{000}^{(10)}m_{000}^{(11)}m_{020}^{(22)}m_{302}^{(20)}$$
$$-m_{000}^{(10)}m_{000}^{(11)}m_{020}^{(22)}m_{203}^{(00)} + 2m_{000}^{(10)}m_{000}^{(11)}m_{011}^{(00)}m_{212}^{(22)} - 4m_{000}^{(10)}m_{000}^{(11)}m_{011}^{(00)}m_{113}^{(20)}$$
$$+2m_{000}^{(10)}m_{000}^{(11)}m_{011}^{(00)}m_{014}^{(00)} + 2m_{000}^{(10)}m_{000}^{(11)}m_{011}^{(10)}m_{302}^{(22)} - 4m_{000}^{(10)}m_{000}^{(11)}m_{011}^{(10)}m_{203}^{(20)}$$
$$+2m_{000}^{(10)}m_{000}^{(11)}m_{011}^{(10)}m_{104}^{(00)} - 6m_{000}^{(10)}m_{000}^{(11)}m_{011}^{(20)}m_{311}^{(22)} + 12m_{000}^{(10)}m_{000}^{(11)}m_{011}^{(20)}m_{212}^{(20)}$$
$$-6m_{000}^{(10)}m_{000}^{(11)}m_{011}^{(20)}m_{113}^{(00)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{011}^{(21)}m_{401}^{(22)} + 4m_{000}^{(10)}m_{000}^{(11)}m_{011}^{(21)}m_{302}^{(20)}$$
$$-2m_{000}^{(10)}m_{000}^{(11)}m_{011}^{(21)}m_{203}^{(00)} + 4m_{000}^{(10)}m_{000}^{(11)}m_{011}^{(22)}m_{410}^{(22)} - 8m_{000}^{(10)}m_{000}^{(11)}m_{011}^{(22)}m_{311}^{(20)}$$
$$+4m_{000}^{(10)}m_{000}^{(11)}m_{011}^{(22)}m_{212}^{(00)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{002}^{(00)}m_{212}^{(21)} + m_{000}^{(10)}m_{000}^{(11)}m_{002}^{(00)}m_{203}^{(11)}$$

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\begin{aligned}
&+2m_{000}^{(10)}m_{000}^{(11)}m_{002}^{(00)}m_{122}^{(20)} - m_{000}^{(10)}m_{000}^{(11)}m_{002}^{(00)}m_{023}^{(00)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{002}^{(10)}m_{302}^{(21)}\\
&+2m_{000}^{(10)}m_{000}^{(11)}m_{002}^{(10)}m_{212}^{(20)} + 2m_{000}^{(10)}m_{000}^{(11)}m_{002}^{(10)}m_{203}^{(10)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{002}^{(10)}m_{113}^{(00)}\\
&+6m_{000}^{(10)}m_{000}^{(11)}m_{002}^{(20)}m_{311}^{(21)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{002}^{(20)}m_{302}^{(11)} - 6m_{000}^{(10)}m_{000}^{(11)}m_{002}^{(20)}m_{221}^{(20)}\\
&-2m_{000}^{(10)}m_{000}^{(11)}m_{002}^{(20)}m_{212}^{(10)} + 4m_{000}^{(10)}m_{000}^{(11)}m_{002}^{(20)}m_{122}^{(00)} + 2m_{000}^{(10)}m_{000}^{(11)}m_{002}^{(21)}m_{401}^{(21)}\\
&-2m_{000}^{(10)}m_{000}^{(11)}m_{002}^{(21)}m_{311}^{(20)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{002}^{(21)}m_{302}^{(10)} + 2m_{000}^{(10)}m_{000}^{(11)}m_{002}^{(21)}m_{212}^{(00)}\\
&-4m_{000}^{(10)}m_{000}^{(11)}m_{002}^{(22)}m_{410}^{(21)} + m_{000}^{(10)}m_{000}^{(11)}m_{002}^{(22)}m_{401}^{(11)} + 4m_{000}^{(10)}m_{000}^{(11)}m_{002}^{(22)}m_{320}^{(20)}\\
&+2m_{000}^{(10)}m_{000}^{(11)}m_{002}^{(22)}m_{311}^{(10)} - 3m_{000}^{(10)}m_{000}^{(11)}m_{002}^{(22)}m_{221}^{(00)} + 2m_{000}^{(10)}m_{000}^{(20)}m_{200}^{(10)}m_{032}^{(22)}\\
&-4m_{000}^{(10)}m_{000}^{(20)}m_{200}^{(10)}m_{023}^{(21)} + 2m_{000}^{(10)}m_{000}^{(20)}m_{200}^{(10)}m_{014}^{(11)} + 2m_{000}^{(10)}m_{000}^{(20)}m_{200}^{(11)}m_{113}^{(21)}\\
&-2m_{000}^{(10)}m_{000}^{(20)}m_{200}^{(11)}m_{104}^{(11)} - 2m_{000}^{(10)}m_{000}^{(20)}m_{200}^{(11)}m_{023}^{(20)} + 2m_{000}^{(10)}m_{000}^{(20)}m_{200}^{(11)}m_{014}^{(10)}\\
&-2m_{000}^{(10)}m_{000}^{(20)}m_{200}^{(20)}m_{041}^{(22)} + 4m_{000}^{(10)}m_{000}^{(20)}m_{200}^{(20)}m_{032}^{(21)} - 2m_{000}^{(10)}m_{000}^{(20)}m_{200}^{(20)}m_{023}^{(11)}\\
&-2m_{000}^{(10)}m_{000}^{(20)}m_{200}^{(21)}m_{131}^{(22)} + 2m_{000}^{(10)}m_{000}^{(20)}m_{200}^{(21)}m_{113}^{(11)} + 4m_{000}^{(10)}m_{000}^{(20)}m_{200}^{(21)}m_{032}^{(20)}\\
&-4m_{000}^{(10)}m_{000}^{(20)}m_{200}^{(21)}m_{023}^{(10)} + 2m_{000}^{(10)}m_{000}^{(20)}m_{200}^{(22)}m_{140}^{(22)} - 2m_{000}^{(10)}m_{000}^{(20)}m_{200}^{(22)}m_{131}^{(21)}\\
&-2m_{000}^{(10)}m_{000}^{(20)}m_{200}^{(22)}m_{041}^{(20)} + 2m_{000}^{(10)}m_{000}^{(20)}m_{200}^{(22)}m_{032}^{(10)} + 2m_{000}^{(10)}m_{000}^{(20)}m_{110}^{(00)}m_{032}^{(22)}\\
&-4m_{000}^{(10)}m_{000}^{(20)}m_{110}^{(00)}m_{023}^{(21)} + 2m_{000}^{(10)}m_{000}^{(20)}m_{110}^{(00)}m_{014}^{(11)} - 4m_{000}^{(10)}m_{000}^{(20)}m_{110}^{(10)}m_{122}^{(22)}\\
&+8m_{000}^{(10)}m_{000}^{(20)}m_{110}^{(10)}m_{113}^{(21)} - 4m_{000}^{(10)}m_{000}^{(20)}m_{110}^{(10)}m_{104}^{(11)} - 2m_{000}^{(10)}m_{000}^{(20)}m_{110}^{(11)}m_{212}^{(22)}\\
&+4m_{000}^{(10)}m_{000}^{(20)}m_{110}^{(11)}m_{113}^{(20)} - 2m_{000}^{(10)}m_{000}^{(20)}m_{110}^{(11)}m_{014}^{(00)} + 8m_{000}^{(10)}m_{000}^{(20)}m_{110}^{(21)}m_{221}^{(22)}\\
&-8m_{000}^{(10)}m_{000}^{(20)}m_{110}^{(21)}m_{212}^{(21)} + 4m_{000}^{(10)}m_{000}^{(20)}m_{110}^{(21)}m_{203}^{(11)} - 8m_{000}^{(10)}m_{000}^{(20)}m_{110}^{(21)}m_{122}^{(20)}\\
&+4m_{000}^{(10)}m_{000}^{(20)}m_{110}^{(21)}m_{023}^{(00)} - 4m_{000}^{(10)}m_{000}^{(20)}m_{110}^{(22)}m_{230}^{(22)} + 4m_{000}^{(10)}m_{000}^{(20)}m_{110}^{(22)}m_{221}^{(21)}\\
&-2m_{000}^{(10)}m_{000}^{(20)}m_{110}^{(22)}m_{212}^{(11)} + 4m_{000}^{(10)}m_{000}^{(20)}m_{110}^{(22)}m_{131}^{(20)} - 2m_{000}^{(10)}m_{000}^{(20)}m_{110}^{(22)}m_{032}^{(00)}\\
&-2m_{000}^{(10)}m_{000}^{(20)}m_{101}^{(00)}m_{041}^{(22)} + 4m_{000}^{(10)}m_{000}^{(20)}m_{101}^{(00)}m_{032}^{(21)} - 2m_{000}^{(10)}m_{000}^{(20)}m_{101}^{(00)}m_{023}^{(11)}\\
&+2m_{000}^{(10)}m_{000}^{(20)}m_{101}^{(11)}m_{221}^{(22)} - 4m_{000}^{(10)}m_{000}^{(20)}m_{101}^{(11)}m_{212}^{(21)} + 4m_{000}^{(10)}m_{000}^{(20)}m_{101}^{(11)}m_{203}^{(11)}\\
&-4m_{000}^{(10)}m_{000}^{(20)}m_{101}^{(11)}m_{113}^{(10)} + 2m_{000}^{(10)}m_{000}^{(20)}m_{101}^{(11)}m_{023}^{(00)} + 4m_{000}^{(10)}m_{000}^{(20)}m_{101}^{(20)}m_{140}^{(22)}\\
&-8m_{000}^{(10)}m_{000}^{(20)}m_{101}^{(20)}m_{131}^{(21)} + 4m_{000}^{(10)}m_{000}^{(20)}m_{101}^{(20)}m_{122}^{(11)} - 4m_{000}^{(10)}m_{000}^{(20)}m_{101}^{(21)}m_{230}^{(22)}\\
&+8m_{000}^{(10)}m_{000}^{(20)}m_{101}^{(21)}m_{221}^{(21)} - 8m_{000}^{(10)}m_{000}^{(20)}m_{101}^{(21)}m_{212}^{(11)} + 8m_{000}^{(10)}m_{000}^{(20)}m_{101}^{(21)}m_{122}^{(10)}\\
&-4m_{000}^{(10)}m_{000}^{(20)}m_{101}^{(21)}m_{032}^{(00)} + 2m_{000}^{(10)}m_{000}^{(20)}m_{101}^{(22)}m_{221}^{(11)} - 4m_{000}^{(10)}m_{000}^{(20)}m_{101}^{(22)}m_{131}^{(10)}\\
&+2m_{000}^{(10)}m_{000}^{(20)}m_{101}^{(22)}m_{041}^{(00)} - 2m_{000}^{(10)}m_{000}^{(20)}m_{020}^{(00)}m_{122}^{(22)} + 2m_{000}^{(10)}m_{000}^{(20)}m_{020}^{(00)}m_{113}^{(21)}\\
&+2m_{000}^{(10)}m_{000}^{(20)}m_{020}^{(00)}m_{023}^{(20)} - 2m_{000}^{(10)}m_{000}^{(20)}m_{020}^{(00)}m_{014}^{(10)} + 2m_{000}^{(10)}m_{000}^{(20)}m_{020}^{(10)}m_{212}^{(22)}\\
&-4m_{000}^{(10)}m_{000}^{(20)}m_{020}^{(10)}m_{203}^{(21)} + 4m_{000}^{(10)}m_{000}^{(20)}m_{020}^{(10)}m_{104}^{(10)} - 2m_{000}^{(10)}m_{000}^{(20)}m_{020}^{(10)}m_{014}^{(00)}\\
&+2m_{000}^{(10)}m_{000}^{(20)}m_{020}^{(11)}m_{302}^{(22)} - 4m_{000}^{(10)}m_{000}^{(20)}m_{020}^{(11)}m_{203}^{(20)} + 2m_{000}^{(10)}m_{000}^{(20)}m_{020}^{(11)}m_{104}^{(00)}\\
&+2m_{000}^{(10)}m_{000}^{(20)}m_{020}^{(20)}m_{221}^{(22)} - 4m_{000}^{(10)}m_{000}^{(20)}m_{020}^{(20)}m_{122}^{(20)} + 2m_{000}^{(10)}m_{000}^{(20)}m_{020}^{(20)}m_{023}^{(00)}\\
&-6m_{000}^{(10)}m_{000}^{(20)}m_{020}^{(21)}m_{311}^{(22)} + 4m_{000}^{(10)}m_{000}^{(20)}m_{020}^{(21)}m_{302}^{(21)} + 8m_{000}^{(10)}m_{000}^{(20)}m_{020}^{(21)}m_{212}^{(20)}\\
&-4m_{000}^{(10)}m_{000}^{(20)}m_{020}^{(21)}m_{203}^{(10)} - 2m_{000}^{(10)}m_{000}^{(20)}m_{020}^{(21)}m_{113}^{(00)} + 2m_{000}^{(10)}m_{000}^{(20)}m_{020}^{(22)}m_{320}^{(22)}\\
&-2m_{000}^{(10)}m_{000}^{(20)}m_{020}^{(22)}m_{311}^{(21)} - 2m_{000}^{(10)}m_{000}^{(20)}m_{020}^{(22)}m_{221}^{(20)} + 2m_{000}^{(10)}m_{000}^{(20)}m_{020}^{(22)}m_{212}^{(10)}\\
&+2m_{000}^{(10)}m_{000}^{(20)}m_{011}^{(00)}m_{131}^{(22)} - 2m_{000}^{(10)}m_{000}^{(20)}m_{011}^{(00)}m_{113}^{(11)} - 4m_{000}^{(10)}m_{000}^{(20)}m_{011}^{(00)}m_{032}^{(20)}\\
&+4m_{000}^{(10)}m_{000}^{(20)}m_{011}^{(00)}m_{023}^{(10)} + 4m_{000}^{(10)}m_{000}^{(20)}m_{011}^{(10)}m_{203}^{(11)} - 8m_{000}^{(10)}m_{000}^{(20)}m_{011}^{(10)}m_{113}^{(10)}\\
&+4m_{000}^{(10)}m_{000}^{(20)}m_{011}^{(10)}m_{023}^{(00)} - 2m_{000}^{(10)}m_{000}^{(20)}m_{011}^{(11)}m_{311}^{(22)} + 4m_{000}^{(10)}m_{000}^{(20)}m_{011}^{(11)}m_{212}^{(20)}\\
&-2m_{000}^{(10)}m_{000}^{(20)}m_{011}^{(11)}m_{113}^{(00)} - 4m_{000}^{(10)}m_{000}^{(20)}m_{011}^{(20)}m_{230}^{(22)} + 8m_{000}^{(10)}m_{000}^{(20)}m_{011}^{(20)}m_{131}^{(20)}\\
&-4m_{000}^{(10)}m_{000}^{(20)}m_{011}^{(20)}m_{032}^{(00)} + 4m_{000}^{(10)}m_{000}^{(20)}m_{011}^{(21)}m_{320}^{(22)} - 4m_{000}^{(10)}m_{000}^{(20)}m_{011}^{(21)}m_{302}^{(11)}
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&-8m_{000}^{(10)}m_{000}^{(20)}m_{011}^{(21)}m_{221}^{(20)} + 8m_{000}^{(10)}m_{000}^{(20)}m_{011}^{(21)}m_{212}^{(10)} + 2m_{000}^{(10)}m_{000}^{(20)}m_{011}^{(22)}m_{311}^{(11)}\\
&-4m_{000}^{(10)}m_{000}^{(20)}m_{011}^{(22)}m_{221}^{(10)} + 2m_{000}^{(10)}m_{000}^{(20)}m_{011}^{(22)}m_{131}^{(00)} - 2m_{000}^{(10)}m_{000}^{(20)}m_{002}^{(00)}m_{131}^{(21)}\\
&+2m_{000}^{(10)}m_{000}^{(20)}m_{002}^{(00)}m_{122}^{(11)} + 2m_{000}^{(10)}m_{000}^{(20)}m_{002}^{(00)}m_{041}^{(20)} - 2m_{000}^{(10)}m_{000}^{(20)}m_{002}^{(00)}m_{032}^{(10)}\\
&-2m_{000}^{(10)}m_{000}^{(20)}m_{002}^{(10)}m_{212}^{(11)} + 4m_{000}^{(10)}m_{000}^{(20)}m_{002}^{(10)}m_{122}^{(10)} - 2m_{000}^{(10)}m_{000}^{(20)}m_{002}^{(10)}m_{032}^{(00)}\\
&+2m_{000}^{(10)}m_{000}^{(20)}m_{002}^{(11)}m_{311}^{(21)} - 2m_{000}^{(10)}m_{000}^{(20)}m_{002}^{(11)}m_{302}^{(11)} - 2m_{000}^{(10)}m_{000}^{(20)}m_{002}^{(11)}m_{221}^{(20)}\\
&+2m_{000}^{(10)}m_{000}^{(20)}m_{002}^{(11)}m_{212}^{(10)} + 4m_{000}^{(10)}m_{000}^{(20)}m_{002}^{(20)}m_{230}^{(21)} - 2m_{000}^{(10)}m_{000}^{(20)}m_{002}^{(20)}m_{221}^{(11)}\\
&-4m_{000}^{(10)}m_{000}^{(20)}m_{002}^{(20)}m_{140}^{(20)} + 2m_{000}^{(10)}m_{000}^{(20)}m_{002}^{(20)}m_{041}^{(00)} - 4m_{000}^{(10)}m_{000}^{(20)}m_{002}^{(21)}m_{320}^{(21)}\\
&+6m_{000}^{(10)}m_{000}^{(20)}m_{002}^{(21)}m_{311}^{(11)} + 4m_{000}^{(10)}m_{000}^{(20)}m_{002}^{(21)}m_{230}^{(20)} - 8m_{000}^{(10)}m_{000}^{(20)}m_{002}^{(21)}m_{221}^{(10)}\\
&+2m_{000}^{(10)}m_{000}^{(20)}m_{002}^{(21)}m_{131}^{(00)} - 2m_{000}^{(10)}m_{000}^{(20)}m_{002}^{(22)}m_{320}^{(11)} + 4m_{000}^{(10)}m_{000}^{(20)}m_{002}^{(22)}m_{230}^{(10)}\\
&-2m_{000}^{(10)}m_{000}^{(20)}m_{002}^{(22)}m_{140}^{(00)} - 2m_{000}^{(10)}m_{000}^{(21)}m_{200}^{(00)}m_{032}^{(22)} + 4m_{000}^{(10)}m_{000}^{(21)}m_{200}^{(00)}m_{023}^{(21)}\\
&-2m_{000}^{(10)}m_{000}^{(21)}m_{200}^{(00)}m_{014}^{(11)} - 2m_{000}^{(10)}m_{000}^{(21)}m_{200}^{(10)}m_{122}^{(22)} + 2m_{000}^{(10)}m_{000}^{(21)}m_{200}^{(10)}m_{104}^{(11)}\\
&+4m_{000}^{(10)}m_{000}^{(21)}m_{200}^{(10)}m_{023}^{(20)} - 4m_{000}^{(10)}m_{000}^{(21)}m_{200}^{(10)}m_{014}^{(10)} + 2m_{000}^{(10)}m_{000}^{(21)}m_{200}^{(11)}m_{212}^{(22)}\\
&-2m_{000}^{(10)}m_{000}^{(21)}m_{200}^{(11)}m_{203}^{(21)} - 2m_{000}^{(10)}m_{000}^{(21)}m_{200}^{(11)}m_{113}^{(20)} + 2m_{000}^{(10)}m_{000}^{(21)}m_{200}^{(11)}m_{104}^{(10)}\\
&+6m_{000}^{(10)}m_{000}^{(21)}m_{200}^{(20)}m_{131}^{(22)} - 8m_{000}^{(10)}m_{000}^{(21)}m_{200}^{(20)}m_{122}^{(21)} + 2m_{000}^{(10)}m_{000}^{(21)}m_{200}^{(20)}m_{113}^{(11)}\\
&-4m_{000}^{(10)}m_{000}^{(21)}m_{200}^{(20)}m_{032}^{(20)} + 4m_{000}^{(10)}m_{000}^{(21)}m_{200}^{(20)}m_{023}^{(10)} - 2m_{000}^{(10)}m_{000}^{(21)}m_{200}^{(21)}m_{221}^{(22)}\\
&+4m_{000}^{(10)}m_{000}^{(21)}m_{200}^{(21)}m_{212}^{(21)} - 2m_{000}^{(10)}m_{000}^{(21)}m_{200}^{(21)}m_{203}^{(11)} - 2m_{000}^{(10)}m_{000}^{(21)}m_{200}^{(22)}m_{230}^{(22)}\\
&+2m_{000}^{(10)}m_{000}^{(21)}m_{200}^{(22)}m_{221}^{(21)} + 2m_{000}^{(10)}m_{000}^{(21)}m_{200}^{(22)}m_{131}^{(20)} - 2m_{000}^{(10)}m_{000}^{(21)}m_{200}^{(22)}m_{122}^{(10)}\\
&+2m_{000}^{(10)}m_{000}^{(21)}m_{110}^{(00)}m_{122}^{(22)} - 4m_{000}^{(10)}m_{000}^{(21)}m_{110}^{(00)}m_{113}^{(21)} + 2m_{000}^{(10)}m_{000}^{(21)}m_{110}^{(00)}m_{104}^{(11)}\\
&+4m_{000}^{(10)}m_{000}^{(21)}m_{110}^{(10)}m_{212}^{(22)} - 8m_{000}^{(10)}m_{000}^{(21)}m_{110}^{(10)}m_{113}^{(20)} + 4m_{000}^{(10)}m_{000}^{(21)}m_{110}^{(10)}m_{014}^{(00)}\\
&-2m_{000}^{(10)}m_{000}^{(21)}m_{110}^{(11)}m_{302}^{(22)} + 4m_{000}^{(10)}m_{000}^{(21)}m_{110}^{(11)}m_{203}^{(20)} - 2m_{000}^{(10)}m_{000}^{(21)}m_{110}^{(11)}m_{104}^{(00)}\\
&-8m_{000}^{(10)}m_{000}^{(21)}m_{110}^{(20)}m_{221}^{(22)} + 8m_{000}^{(10)}m_{000}^{(21)}m_{110}^{(20)}m_{212}^{(21)} - 4m_{000}^{(10)}m_{000}^{(21)}m_{110}^{(20)}m_{203}^{(11)}\\
&+8m_{000}^{(10)}m_{000}^{(21)}m_{110}^{(20)}m_{122}^{(20)} - 4m_{000}^{(10)}m_{000}^{(21)}m_{110}^{(20)}m_{023}^{(00)} + 4m_{000}^{(10)}m_{000}^{(21)}m_{110}^{(22)}m_{320}^{(22)}\\
&-4m_{000}^{(10)}m_{000}^{(21)}m_{110}^{(22)}m_{311}^{(21)} + 2m_{000}^{(10)}m_{000}^{(21)}m_{110}^{(22)}m_{302}^{(11)} - 4m_{000}^{(10)}m_{000}^{(21)}m_{110}^{(22)}m_{221}^{(20)}\\
&+2m_{000}^{(10)}m_{000}^{(21)}m_{110}^{(22)}m_{122}^{(00)} + 2m_{000}^{(10)}m_{000}^{(21)}m_{101}^{(00)}m_{131}^{(22)} - 4m_{000}^{(10)}m_{000}^{(21)}m_{101}^{(00)}m_{122}^{(21)}\\
&+2m_{000}^{(10)}m_{000}^{(21)}m_{101}^{(00)}m_{113}^{(11)} - 4m_{000}^{(10)}m_{000}^{(21)}m_{101}^{(10)}m_{203}^{(11)} + 8m_{000}^{(10)}m_{000}^{(21)}m_{101}^{(10)}m_{113}^{(10)}\\
&-4m_{000}^{(10)}m_{000}^{(21)}m_{101}^{(10)}m_{023}^{(00)} - 2m_{000}^{(10)}m_{000}^{(21)}m_{101}^{(11)}m_{311}^{(22)} + 4m_{000}^{(10)}m_{000}^{(21)}m_{101}^{(11)}m_{302}^{(21)}\\
&-4m_{000}^{(10)}m_{000}^{(21)}m_{101}^{(11)}m_{203}^{(10)} + 2m_{000}^{(10)}m_{000}^{(21)}m_{101}^{(11)}m_{113}^{(00)} - 4m_{000}^{(10)}m_{000}^{(21)}m_{101}^{(20)}m_{230}^{(22)}\\
&+8m_{000}^{(10)}m_{000}^{(21)}m_{101}^{(20)}m_{221}^{(21)} - 8m_{000}^{(10)}m_{000}^{(21)}m_{101}^{(20)}m_{122}^{(10)} + 4m_{000}^{(10)}m_{000}^{(21)}m_{101}^{(20)}m_{032}^{(00)}\\
&+4m_{000}^{(10)}m_{000}^{(21)}m_{101}^{(21)}m_{320}^{(22)} - 8m_{000}^{(10)}m_{000}^{(21)}m_{101}^{(21)}m_{311}^{(21)} + 4m_{000}^{(10)}m_{000}^{(21)}m_{101}^{(21)}m_{302}^{(11)}\\
&-2m_{000}^{(10)}m_{000}^{(21)}m_{101}^{(22)}m_{311}^{(11)} + 4m_{000}^{(10)}m_{000}^{(21)}m_{101}^{(22)}m_{221}^{(10)} - 2m_{000}^{(10)}m_{000}^{(21)}m_{101}^{(22)}m_{131}^{(00)}\\
&+2m_{000}^{(10)}m_{000}^{(21)}m_{020}^{(00)}m_{203}^{(21)} - 2m_{000}^{(10)}m_{000}^{(21)}m_{020}^{(00)}m_{113}^{(20)} - 2m_{000}^{(10)}m_{000}^{(21)}m_{020}^{(00)}m_{104}^{(10)}\\
&+2m_{000}^{(10)}m_{000}^{(21)}m_{020}^{(00)}m_{014}^{(00)} - 2m_{000}^{(10)}m_{000}^{(21)}m_{020}^{(10)}m_{302}^{(22)} + 4m_{000}^{(10)}m_{000}^{(21)}m_{020}^{(10)}m_{203}^{(20)}\\
&-2m_{000}^{(10)}m_{000}^{(21)}m_{020}^{(10)}m_{104}^{(00)} + 2m_{000}^{(10)}m_{000}^{(21)}m_{020}^{(20)}m_{311}^{(22)} - 4m_{000}^{(10)}m_{000}^{(21)}m_{020}^{(20)}m_{302}^{(21)}\\
&+4m_{000}^{(10)}m_{000}^{(21)}m_{020}^{(20)}m_{203}^{(10)} - 2m_{000}^{(10)}m_{000}^{(21)}m_{020}^{(20)}m_{113}^{(00)} + 2m_{000}^{(10)}m_{000}^{(21)}m_{020}^{(21)}m_{401}^{(22)}\\
&-4m_{000}^{(10)}m_{000}^{(21)}m_{020}^{(21)}m_{302}^{(20)} + 2m_{000}^{(10)}m_{000}^{(21)}m_{020}^{(21)}m_{203}^{(00)} - 2m_{000}^{(10)}m_{000}^{(21)}m_{020}^{(22)}m_{410}^{(22)}\\
&+2m_{000}^{(10)}m_{000}^{(21)}m_{020}^{(22)}m_{401}^{(21)} + 2m_{000}^{(10)}m_{000}^{(21)}m_{020}^{(22)}m_{311}^{(20)} - 2m_{000}^{(10)}m_{000}^{(21)}m_{020}^{(22)}m_{302}^{(10)}\\
&-2m_{000}^{(10)}m_{000}^{(21)}m_{011}^{(00)}m_{221}^{(22)} - 2m_{000}^{(10)}m_{000}^{(21)}m_{011}^{(00)}m_{203}^{(11)} + 4m_{000}^{(10)}m_{000}^{(21)}m_{011}^{(00)}m_{122}^{(20)}\\
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&-4m_{000}^{(10)}m_{000}^{(21)}m_{011}^{(11)}m_{302}^{(20)} + 2m_{000}^{(10)}m_{000}^{(21)}m_{011}^{(11)}m_{203}^{(00)} + 4m_{000}^{(10)}m_{000}^{(21)}m_{011}^{(20)}m_{320}^{(22)}\\
&+4m_{000}^{(10)}m_{000}^{(21)}m_{011}^{(20)}m_{302}^{(11)} - 8m_{000}^{(10)}m_{000}^{(21)}m_{011}^{(20)}m_{221}^{(20)} - 8m_{000}^{(10)}m_{000}^{(21)}m_{011}^{(20)}m_{212}^{(10)}\\
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&-4m_{000}^{(10)}m_{000}^{(21)}m_{011}^{(21)}m_{212}^{(00)} - 2m_{000}^{(10)}m_{000}^{(21)}m_{011}^{(22)}m_{401}^{(11)} + 4m_{000}^{(10)}m_{000}^{(21)}m_{011}^{(22)}m_{311}^{(10)}\\
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&+2m_{000}^{(10)}m_{000}^{(21)}m_{002}^{(11)}m_{311}^{(20)} + 2m_{000}^{(10)}m_{000}^{(21)}m_{002}^{(11)}m_{302}^{(10)} - 2m_{000}^{(10)}m_{000}^{(21)}m_{002}^{(11)}m_{212}^{(00)}\\
&-4m_{000}^{(10)}m_{000}^{(21)}m_{002}^{(20)}m_{320}^{(21)} - 2m_{000}^{(10)}m_{000}^{(21)}m_{002}^{(20)}m_{311}^{(11)} + 4m_{000}^{(10)}m_{000}^{(21)}m_{002}^{(20)}m_{230}^{(20)}\\
&+8m_{000}^{(10)}m_{000}^{(21)}m_{002}^{(20)}m_{221}^{(10)} - 6m_{000}^{(10)}m_{000}^{(21)}m_{002}^{(20)}m_{131}^{(00)} + 4m_{000}^{(10)}m_{000}^{(21)}m_{002}^{(21)}m_{410}^{(21)}\\
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&+2m_{000}^{(10)}m_{000}^{(22)}m_{200}^{(21)}m_{230}^{(22)} - 2m_{000}^{(10)}m_{000}^{(22)}m_{200}^{(21)}m_{221}^{(21)} - 2m_{000}^{(10)}m_{000}^{(22)}m_{200}^{(21)}m_{131}^{(20)}\\
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&-2m_{000}^{(10)}m_{000}^{(22)}m_{110}^{(00)}m_{113}^{(11)} - 4m_{000}^{(10)}m_{000}^{(22)}m_{110}^{(10)}m_{212}^{(21)} + 2m_{000}^{(10)}m_{000}^{(22)}m_{110}^{(10)}m_{203}^{(11)}\\
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&-4m_{000}^{(10)}m_{000}^{(22)}m_{110}^{(11)}m_{212}^{(20)} + 2m_{000}^{(10)}m_{000}^{(22)}m_{110}^{(11)}m_{113}^{(00)} + 4m_{000}^{(10)}m_{000}^{(22)}m_{110}^{(20)}m_{230}^{(22)}\\
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&+2m_{000}^{(10)}m_{000}^{(22)}m_{110}^{(20)}m_{032}^{(00)} - 4m_{000}^{(10)}m_{000}^{(22)}m_{110}^{(21)}m_{320}^{(22)} + 4m_{000}^{(10)}m_{000}^{(22)}m_{110}^{(21)}m_{311}^{(21)}\\
&-2m_{000}^{(10)}m_{000}^{(22)}m_{110}^{(21)}m_{302}^{(11)} + 4m_{000}^{(10)}m_{000}^{(22)}m_{110}^{(21)}m_{221}^{(20)} - 2m_{000}^{(10)}m_{000}^{(22)}m_{110}^{(21)}m_{122}^{(00)}\\
&+2m_{000}^{(10)}m_{000}^{(22)}m_{101}^{(10)}m_{212}^{(11)} - 4m_{000}^{(10)}m_{000}^{(22)}m_{101}^{(10)}m_{122}^{(10)} + 2m_{000}^{(10)}m_{000}^{(22)}m_{101}^{(10)}m_{032}^{(00)}\\
&-2m_{000}^{(10)}m_{000}^{(22)}m_{101}^{(11)}m_{302}^{(11)} + 4m_{000}^{(10)}m_{000}^{(22)}m_{101}^{(11)}m_{212}^{(10)} - 2m_{000}^{(10)}m_{000}^{(22)}m_{101}^{(11)}m_{122}^{(00)}\\
&-2m_{000}^{(10)}m_{000}^{(22)}m_{101}^{(20)}m_{221}^{(11)} + 4m_{000}^{(10)}m_{000}^{(22)}m_{101}^{(20)}m_{131}^{(10)} - 2m_{000}^{(10)}m_{000}^{(22)}m_{101}^{(20)}m_{041}^{(00)}\\
&+2m_{000}^{(10)}m_{000}^{(22)}m_{101}^{(21)}m_{311}^{(11)} - 4m_{000}^{(10)}m_{000}^{(22)}m_{101}^{(21)}m_{221}^{(10)} + 2m_{000}^{(10)}m_{000}^{(22)}m_{101}^{(21)}m_{131}^{(00)}\\
&+m_{000}^{(10)}m_{000}^{(22)}m_{020}^{(00)}m_{221}^{(22)} - 2m_{000}^{(10)}m_{000}^{(22)}m_{020}^{(00)}m_{212}^{(21)} + 2m_{000}^{(10)}m_{000}^{(22)}m_{020}^{(00)}m_{113}^{(10)}\\
&-m_{000}^{(10)}m_{000}^{(22)}m_{020}^{(00)}m_{023}^{(00)} + 2m_{000}^{(10)}m_{000}^{(22)}m_{020}^{(10)}m_{302}^{(21)} - 2m_{000}^{(10)}m_{000}^{(22)}m_{020}^{(10)}m_{212}^{(20)}\\
&-2m_{000}^{(10)}m_{000}^{(22)}m_{020}^{(10)}m_{203}^{(10)} + 2m_{000}^{(10)}m_{000}^{(22)}m_{020}^{(10)}m_{113}^{(00)} - m_{000}^{(10)}m_{000}^{(22)}m_{020}^{(11)}m_{401}^{(22)}\\
&+2m_{000}^{(10)}m_{000}^{(22)}m_{020}^{(11)}m_{302}^{(20)} - m_{000}^{(10)}m_{000}^{(22)}m_{020}^{(11)}m_{203}^{(00)} - 2m_{000}^{(10)}m_{000}^{(22)}m_{020}^{(20)}m_{320}^{(22)}\\
&+2m_{000}^{(10)}m_{000}^{(22)}m_{020}^{(20)}m_{311}^{(21)} + 2m_{000}^{(10)}m_{000}^{(22)}m_{020}^{(20)}m_{221}^{(20)} - 2m_{000}^{(10)}m_{000}^{(22)}m_{020}^{(20)}m_{212}^{(10)}\\
&+2m_{000}^{(10)}m_{000}^{(22)}m_{020}^{(21)}m_{410}^{(22)} - 2m_{000}^{(10)}m_{000}^{(22)}m_{020}^{(21)}m_{401}^{(21)} - 2m_{000}^{(10)}m_{000}^{(22)}m_{020}^{(21)}m_{311}^{(20)}\\
&+2m_{000}^{(10)}m_{000}^{(22)}m_{020}^{(21)}m_{302}^{(10)} + 2m_{000}^{(10)}m_{000}^{(22)}m_{011}^{(00)}m_{212}^{(11)} - 4m_{000}^{(10)}m_{000}^{(22)}m_{011}^{(00)}m_{122}^{(10)}\\
&+2m_{000}^{(10)}m_{000}^{(22)}m_{011}^{(00)}m_{032}^{(00)} - 2m_{000}^{(10)}m_{000}^{(22)}m_{011}^{(10)}m_{302}^{(11)} + 4m_{000}^{(10)}m_{000}^{(22)}m_{011}^{(10)}m_{212}^{(10)}\\
&-2m_{000}^{(10)}m_{000}^{(22)}m_{011}^{(10)}m_{122}^{(00)} - 2m_{000}^{(10)}m_{000}^{(22)}m_{011}^{(20)}m_{311}^{(11)} + 4m_{000}^{(10)}m_{000}^{(22)}m_{011}^{(20)}m_{221}^{(10)}
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&-2m_{000}^{(10)}m_{000}^{(22)}m_{011}^{(20)}m_{131}^{(00)} + 2m_{000}^{(10)}m_{000}^{(22)}m_{011}^{(21)}m_{401}^{(11)} - 4m_{000}^{(10)}m_{000}^{(22)}m_{011}^{(21)}m_{311}^{(10)}\\
&+2m_{000}^{(10)}m_{000}^{(22)}m_{011}^{(21)}m_{221}^{(00)} - m_{000}^{(10)}m_{000}^{(22)}m_{002}^{(00)}m_{221}^{(11)} + 2m_{000}^{(10)}m_{000}^{(22)}m_{002}^{(00)}m_{131}^{(10)}\\
&-m_{000}^{(10)}m_{000}^{(22)}m_{002}^{(00)}m_{041}^{(00)} + m_{000}^{(10)}m_{000}^{(22)}m_{002}^{(11)}m_{401}^{(11)} - 2m_{000}^{(10)}m_{000}^{(22)}m_{002}^{(11)}m_{311}^{(10)}\\
&+m_{000}^{(10)}m_{000}^{(22)}m_{002}^{(11)}m_{221}^{(00)} + 2m_{000}^{(10)}m_{000}^{(22)}m_{002}^{(20)}m_{320}^{(11)} - 4m_{000}^{(10)}m_{000}^{(22)}m_{002}^{(20)}m_{230}^{(10)}\\
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&+(m_{000}^{(11)})^2m_{200}^{(00)}m_{014}^{(20)} - (m_{000}^{(11)})^2m_{200}^{(00)}m_{005}^{(10)} + 2(m_{000}^{(11)})^2m_{200}^{(20)}m_{212}^{(22)}\\
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&-(m_{000}^{(11)})^2m_{200}^{(22)}m_{311}^{(22)} + (m_{000}^{(11)})^2m_{200}^{(22)}m_{302}^{(21)} + (m_{000}^{(11)})^2m_{200}^{(22)}m_{212}^{(20)}\\
&-(m_{000}^{(11)})^2m_{200}^{(22)}m_{203}^{(10)} + (m_{000}^{(11)})^2m_{110}^{(00)}m_{203}^{(22)} - 2(m_{000}^{(11)})^2m_{110}^{(00)}m_{104}^{(20)}\\
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&-2(m_{000}^{(11)})^2m_{110}^{(20)}m_{104}^{(00)} + (m_{000}^{(11)})^2m_{110}^{(22)}m_{401}^{(22)} - 2(m_{000}^{(11)})^2m_{110}^{(22)}m_{302}^{(20)}\\
&+(m_{000}^{(11)})^2m_{110}^{(22)}m_{203}^{(00)} + (m_{000}^{(11)})^2m_{101}^{(00)}m_{212}^{(22)} - 2(m_{000}^{(11)})^2m_{101}^{(00)}m_{203}^{(21)}\\
&+2(m_{000}^{(11)})^2m_{101}^{(00)}m_{104}^{(10)} - (m_{000}^{(11)})^2m_{101}^{(00)}m_{014}^{(00)} - 2(m_{000}^{(11)})^2m_{101}^{(20)}m_{311}^{(22)}\\
&+4(m_{000}^{(11)})^2m_{101}^{(20)}m_{302}^{(21)} - 4(m_{000}^{(11)})^2m_{101}^{(20)}m_{203}^{(10)} + 2(m_{000}^{(11)})^2m_{101}^{(20)}m_{113}^{(00)}\\
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&+2(m_{000}^{(11)})^2m_{011}^{(20)}m_{203}^{(00)} - (m_{000}^{(11)})^2m_{011}^{(22)}m_{500}^{(22)} + 2(m_{000}^{(11)})^2m_{011}^{(22)}m_{401}^{(20)}\\
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&+2(m_{000}^{(11)})^2m_{002}^{(20)}m_{311}^{(20)} + 2(m_{000}^{(11)})^2m_{002}^{(20)}m_{302}^{(10)} - 2(m_{000}^{(11)})^2m_{002}^{(20)}m_{212}^{(00)}\\
&+(m_{000}^{(11)})^2m_{002}^{(22)}m_{500}^{(21)} - (m_{000}^{(11)})^2m_{002}^{(22)}m_{410}^{(20)} - (m_{000}^{(11)})^2m_{002}^{(22)}m_{401}^{(10)}\\
&+(m_{000}^{(11)})^2m_{002}^{(22)}m_{311}^{(00)} - m_{000}^{(11)}m_{000}^{(20)}m_{200}^{(00)}m_{032}^{(22)} + 2m_{000}^{(11)}m_{000}^{(20)}m_{200}^{(00)}m_{023}^{(21)}\\
&-m_{000}^{(11)}m_{000}^{(20)}m_{200}^{(00)}m_{014}^{(11)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{200}^{(10)}m_{113}^{(21)} + 2m_{000}^{(11)}m_{000}^{(20)}m_{200}^{(10)}m_{104}^{(11)}\\
&+2m_{000}^{(11)}m_{000}^{(20)}m_{200}^{(10)}m_{023}^{(20)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{200}^{(10)}m_{014}^{(10)} + 2m_{000}^{(11)}m_{000}^{(20)}m_{200}^{(20)}m_{131}^{(22)}\\
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&+2m_{000}^{(11)}m_{000}^{(20)}m_{200}^{(21)}m_{212}^{(21)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{200}^{(21)}m_{203}^{(11)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{200}^{(21)}m_{122}^{(20)}\\
&+2m_{000}^{(11)}m_{000}^{(20)}m_{200}^{(21)}m_{113}^{(10)} - m_{000}^{(11)}m_{000}^{(20)}m_{200}^{(22)}m_{230}^{(22)} + m_{000}^{(11)}m_{000}^{(20)}m_{200}^{(22)}m_{212}^{(11)}\\
&+2m_{000}^{(11)}m_{000}^{(20)}m_{200}^{(22)}m_{131}^{(20)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{200}^{(22)}m_{122}^{(10)} + 2m_{000}^{(11)}m_{000}^{(20)}m_{110}^{(10)}m_{212}^{(22)}\\
&-4m_{000}^{(11)}m_{000}^{(20)}m_{110}^{(10)}m_{113}^{(20)} + 2m_{000}^{(11)}m_{000}^{(20)}m_{110}^{(10)}m_{014}^{(00)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{110}^{(20)}m_{221}^{(22)}\\
&+4m_{000}^{(11)}m_{000}^{(20)}m_{110}^{(20)}m_{122}^{(20)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{110}^{(20)}m_{023}^{(00)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{110}^{(21)}m_{311}^{(22)}\\
&+4m_{000}^{(11)}m_{000}^{(20)}m_{110}^{(21)}m_{212}^{(20)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{110}^{(21)}m_{113}^{(00)} + 2m_{000}^{(11)}m_{000}^{(20)}m_{110}^{(22)}m_{320}^{(22)}\\
&-4m_{000}^{(11)}m_{000}^{(20)}m_{110}^{(22)}m_{221}^{(20)} + 2m_{000}^{(11)}m_{000}^{(20)}m_{110}^{(22)}m_{122}^{(00)} + 2m_{000}^{(11)}m_{000}^{(20)}m_{101}^{(00)}m_{131}^{(22)}\\
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&+4m_{000}^{(11)}m_{000}^{(20)}m_{101}^{(10)}m_{212}^{(21)} - 4m_{000}^{(11)}m_{000}^{(20)}m_{101}^{(11)}m_{203}^{(10)} + 4m_{000}^{(11)}m_{000}^{(20)}m_{101}^{(10)}m_{113}^{(10)}\\
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&-4m_{000}^{(11)}m_{000}^{(20)}m_{101}^{(21)}m_{311}^{(21)}+4m_{000}^{(11)}m_{000}^{(20)}m_{101}^{(21)}m_{302}^{(11)}-4m_{000}^{(11)}m_{000}^{(20)}m_{101}^{(21)}m_{212}^{(10)}\\
&+2m_{000}^{(11)}m_{000}^{(20)}m_{101}^{(21)}m_{122}^{(00)}-2m_{000}^{(11)}m_{000}^{(20)}m_{101}^{(22)}m_{311}^{(11)}+4m_{000}^{(11)}m_{000}^{(20)}m_{101}^{(22)}m_{221}^{(10)}\\
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&+2m_{000}^{(11)}m_{000}^{(20)}m_{020}^{(21)}m_{203}^{(00)}-m_{000}^{(11)}m_{000}^{(20)}m_{020}^{(22)}m_{410}^{(22)}+2m_{000}^{(11)}m_{000}^{(20)}m_{020}^{(22)}m_{311}^{(20)}\\
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&+2m_{000}^{(11)}m_{000}^{(20)}m_{011}^{(10)}m_{113}^{(00)}+2m_{000}^{(11)}m_{000}^{(20)}m_{011}^{(20)}m_{320}^{(22)}-4m_{000}^{(11)}m_{000}^{(20)}m_{011}^{(20)}m_{221}^{(20)}\\
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&-2m_{000}^{(11)}m_{000}^{(20)}m_{002}^{(20)}m_{320}^{(21)}+2m_{000}^{(11)}m_{000}^{(20)}m_{002}^{(20)}m_{230}^{(20)}+2m_{000}^{(11)}m_{000}^{(20)}m_{002}^{(20)}m_{221}^{(10)}\\
&-2m_{000}^{(11)}m_{000}^{(20)}m_{002}^{(20)}m_{131}^{(00)}+2m_{000}^{(11)}m_{000}^{(20)}m_{002}^{(21)}m_{410}^{(21)}-2m_{000}^{(11)}m_{000}^{(20)}m_{002}^{(21)}m_{401}^{(11)}\\
&-2m_{000}^{(11)}m_{000}^{(20)}m_{002}^{(21)}m_{320}^{(20)}+2m_{000}^{(11)}m_{000}^{(20)}m_{002}^{(21)}m_{311}^{(10)}+m_{000}^{(11)}m_{000}^{(20)}m_{002}^{(22)}m_{410}^{(11)}\\
&-2m_{000}^{(11)}m_{000}^{(20)}m_{002}^{(22)}m_{320}^{(10)}+m_{000}^{(11)}m_{000}^{(20)}m_{002}^{(22)}m_{230}^{(00)}+3m_{000}^{(11)}m_{000}^{(21)}m_{200}^{(00)}m_{122}^{(22)}\\
&-2m_{000}^{(11)}m_{000}^{(21)}m_{200}^{(00)}m_{113}^{(21)}-m_{000}^{(11)}m_{000}^{(21)}m_{200}^{(00)}m_{104}^{(11)}-4m_{000}^{(11)}m_{000}^{(21)}m_{200}^{(00)}m_{023}^{(20)}\\
&+4m_{000}^{(11)}m_{000}^{(21)}m_{200}^{(00)}m_{014}^{(10)}-2m_{000}^{(11)}m_{000}^{(21)}m_{200}^{(10)}m_{212}^{(22)}+2m_{000}^{(11)}m_{000}^{(21)}m_{200}^{(10)}m_{203}^{(21)}\\
&+2m_{000}^{(11)}m_{000}^{(21)}m_{200}^{(10)}m_{113}^{(20)}-2m_{000}^{(11)}m_{000}^{(21)}m_{200}^{(10)}m_{104}^{(10)}-4m_{000}^{(11)}m_{000}^{(21)}m_{200}^{(20)}m_{221}^{(22)}\\
&+2m_{000}^{(11)}m_{000}^{(21)}m_{200}^{(20)}m_{212}^{(21)}+2m_{000}^{(11)}m_{000}^{(21)}m_{200}^{(20)}m_{203}^{(11)}+6m_{000}^{(11)}m_{000}^{(21)}m_{200}^{(20)}m_{122}^{(20)}\\
&-6m_{000}^{(11)}m_{000}^{(21)}m_{200}^{(20)}m_{113}^{(10)}+2m_{000}^{(11)}m_{000}^{(21)}m_{200}^{(21)}m_{311}^{(22)}-2m_{000}^{(11)}m_{000}^{(21)}m_{200}^{(21)}m_{302}^{(21)}\\
&-2m_{000}^{(11)}m_{000}^{(21)}m_{200}^{(21)}m_{212}^{(20)}+2m_{000}^{(11)}m_{000}^{(21)}m_{200}^{(21)}m_{203}^{(10)}+m_{000}^{(11)}m_{000}^{(21)}m_{200}^{(22)}m_{320}^{(22)}\\
&-m_{000}^{(11)}m_{000}^{(21)}m_{200}^{(22)}m_{302}^{(11)}-2m_{000}^{(11)}m_{000}^{(21)}m_{200}^{(22)}m_{221}^{(20)}+2m_{000}^{(11)}m_{000}^{(21)}m_{200}^{(22)}m_{212}^{(10)}\\
&-4m_{000}^{(11)}m_{000}^{(21)}m_{110}^{(00)}m_{212}^{(22)}+8m_{000}^{(11)}m_{000}^{(21)}m_{110}^{(00)}m_{113}^{(20)}-4m_{000}^{(11)}m_{000}^{(21)}m_{110}^{(00)}m_{014}^{(00)}\\
&+2m_{000}^{(11)}m_{000}^{(21)}m_{110}^{(10)}m_{302}^{(22)}-4m_{000}^{(11)}m_{000}^{(21)}m_{110}^{(10)}m_{203}^{(20)}+2m_{000}^{(11)}m_{000}^{(21)}m_{110}^{(10)}m_{104}^{(00)}\\
&+6m_{000}^{(11)}m_{000}^{(21)}m_{110}^{(20)}m_{311}^{(22)}-12m_{000}^{(11)}m_{000}^{(21)}m_{110}^{(20)}m_{212}^{(20)}+6m_{000}^{(11)}m_{000}^{(21)}m_{110}^{(20)}m_{113}^{(00)}\\
&-2m_{000}^{(11)}m_{000}^{(21)}m_{110}^{(21)}m_{401}^{(22)}+4m_{000}^{(11)}m_{000}^{(21)}m_{110}^{(21)}m_{302}^{(20)}-2m_{000}^{(11)}m_{000}^{(21)}m_{110}^{(21)}m_{203}^{(00)}\\
&-2m_{000}^{(11)}m_{000}^{(21)}m_{110}^{(22)}m_{410}^{(22)}+4m_{000}^{(11)}m_{000}^{(21)}m_{110}^{(22)}m_{311}^{(20)}-2m_{000}^{(11)}m_{000}^{(21)}m_{110}^{(22)}m_{212}^{(00)}\\
&-2m_{000}^{(11)}m_{000}^{(21)}m_{101}^{(00)}m_{221}^{(22)}+4m_{000}^{(11)}m_{000}^{(21)}m_{101}^{(00)}m_{212}^{(21)}+2m_{000}^{(11)}m_{000}^{(21)}m_{101}^{(00)}m_{203}^{(11)}\\
&-8m_{000}^{(11)}m_{000}^{(21)}m_{101}^{(00)}m_{113}^{(10)}+4m_{000}^{(11)}m_{000}^{(21)}m_{101}^{(00)}m_{023}^{(00)}+2m_{000}^{(11)}m_{000}^{(21)}m_{101}^{(10)}m_{311}^{(22)}\\
&-4m_{000}^{(11)}m_{000}^{(21)}m_{101}^{(10)}m_{302}^{(21)}+4m_{000}^{(11)}m_{000}^{(21)}m_{101}^{(10)}m_{203}^{(10)}-2m_{000}^{(11)}m_{000}^{(21)}m_{101}^{(10)}m_{113}^{(00)}\\
&+2m_{000}^{(11)}m_{000}^{(21)}m_{101}^{(20)}m_{320}^{(22)}-4m_{000}^{(11)}m_{000}^{(21)}m_{101}^{(20)}m_{311}^{(21)}-4m_{000}^{(11)}m_{000}^{(21)}m_{101}^{(20)}m_{302}^{(11)}\\
&+12m_{000}^{(11)}m_{000}^{(21)}m_{101}^{(20)}m_{212}^{(10)}-6m_{000}^{(11)}m_{000}^{(21)}m_{101}^{(20)}m_{122}^{(00)}-2m_{000}^{(11)}m_{000}^{(21)}m_{101}^{(21)}m_{410}^{(22)}\\
&+4m_{000}^{(11)}m_{000}^{(21)}m_{101}^{(21)}m_{401}^{(21)}-4m_{000}^{(11)}m_{000}^{(21)}m_{101}^{(21)}m_{302}^{(10)}+2m_{000}^{(11)}m_{000}^{(21)}m_{101}^{(21)}m_{212}^{(00)}\\
&+2m_{000}^{(11)}m_{000}^{(21)}m_{101}^{(22)}m_{401}^{(11)}-4m_{000}^{(11)}m_{000}^{(21)}m_{101}^{(22)}m_{311}^{(10)}+2m_{000}^{(11)}m_{000}^{(21)}m_{101}^{(22)}m_{221}^{(00)}\\
&+m_{000}^{(11)}m_{000}^{(21)}m_{020}^{(00)}m_{302}^{(22)}-2m_{000}^{(11)}m_{000}^{(21)}m_{020}^{(00)}m_{203}^{(20)}+m_{000}^{(11)}m_{000}^{(21)}m_{020}^{(00)}m_{104}^{(00)}\\
&-2m_{000}^{(11)}m_{000}^{(21)}m_{020}^{(20)}m_{401}^{(22)}+4m_{000}^{(11)}m_{000}^{(21)}m_{020}^{(20)}m_{302}^{(20)}-2m_{000}^{(11)}m_{000}^{(21)}m_{020}^{(20)}m_{203}^{(00)}
\end{aligned}
$$

$$+m_{000}^{(11)}m_{000}^{(21)}m_{020}^{(22)}m_{500}^{(22)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{020}^{(22)}m_{401}^{(20)} + m_{000}^{(11)}m_{000}^{(21)}m_{020}^{(22)}m_{302}^{(00)}$$
$$+2m_{000}^{(11)}m_{000}^{(21)}m_{011}^{(00)}m_{311}^{(22)} - 4m_{000}^{(11)}m_{000}^{(21)}m_{011}^{(00)}m_{212}^{(20)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{011}^{(00)}m_{113}^{(00)}$$
$$-2m_{000}^{(11)}m_{000}^{(21)}m_{011}^{(10)}m_{401}^{(22)} + 4m_{000}^{(11)}m_{000}^{(21)}m_{011}^{(10)}m_{302}^{(20)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{011}^{(10)}m_{203}^{(00)}$$
$$-2m_{000}^{(11)}m_{000}^{(21)}m_{011}^{(20)}m_{410}^{(22)} + 4m_{000}^{(11)}m_{000}^{(21)}m_{011}^{(20)}m_{311}^{(20)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{011}^{(20)}m_{212}^{(00)}$$
$$+2m_{000}^{(11)}m_{000}^{(21)}m_{011}^{(21)}m_{500}^{(22)} - 4m_{000}^{(11)}m_{000}^{(21)}m_{011}^{(21)}m_{401}^{(20)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{011}^{(21)}m_{302}^{(00)}$$
$$-2m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(00)}m_{311}^{(21)} - m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(00)}m_{302}^{(11)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(00)}m_{221}^{(20)}$$
$$+4m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(00)}m_{212}^{(10)} - 3m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(00)}m_{122}^{(00)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(10)}m_{401}^{(21)}$$
$$-2m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(10)}m_{311}^{(20)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(10)}m_{302}^{(10)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(10)}m_{212}^{(00)}$$
$$+2m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(20)}m_{410}^{(21)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(20)}m_{401}^{(11)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(20)}m_{320}^{(20)}$$
$$-6m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(20)}m_{311}^{(10)} + 4m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(20)}m_{221}^{(00)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(21)}m_{500}^{(21)}$$
$$+2m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(21)}m_{410}^{(20)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(21)}m_{401}^{(10)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(21)}m_{311}^{(00)}$$
$$-m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(22)}m_{500}^{(11)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(22)}m_{410}^{(10)} - m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(22)}m_{320}^{(00)}$$
$$-m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(00)}m_{131}^{(22)} + m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(00)}m_{113}^{(11)} + 2m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(00)}m_{032}^{(20)}$$
$$-2m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(00)}m_{023}^{(10)} + m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(10)}m_{221}^{(22)} - m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(10)}m_{203}^{(11)}$$
$$-2m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(10)}m_{122}^{(20)} + 2m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(10)}m_{113}^{(10)} + m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(20)}m_{230}^{(22)}$$
$$-m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(20)}m_{212}^{(11)} - 2m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(20)}m_{131}^{(20)} + 2m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(20)}m_{122}^{(10)}$$
$$-m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(21)}m_{320}^{(22)} + m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(21)}m_{302}^{(11)} + 2m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(21)}m_{221}^{(20)}$$
$$-2m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(21)}m_{212}^{(10)} + 2m_{000}^{(11)}m_{000}^{(22)}m_{110}^{(00)}m_{221}^{(22)} - 4m_{000}^{(11)}m_{000}^{(22)}m_{110}^{(00)}m_{122}^{(20)}$$
$$+2m_{000}^{(11)}m_{000}^{(22)}m_{110}^{(00)}m_{023}^{(00)} - 2m_{000}^{(11)}m_{000}^{(22)}m_{110}^{(10)}m_{311}^{(22)} + 4m_{000}^{(11)}m_{000}^{(22)}m_{110}^{(10)}m_{212}^{(20)}$$
$$-2m_{000}^{(11)}m_{000}^{(22)}m_{110}^{(10)}m_{113}^{(00)} - 2m_{000}^{(11)}m_{000}^{(22)}m_{110}^{(20)}m_{320}^{(22)} + 4m_{000}^{(11)}m_{000}^{(22)}m_{110}^{(20)}m_{221}^{(20)}$$
$$-2m_{000}^{(11)}m_{000}^{(22)}m_{110}^{(20)}m_{122}^{(00)} + 2m_{000}^{(11)}m_{000}^{(22)}m_{110}^{(21)}m_{410}^{(22)} - 4m_{000}^{(11)}m_{000}^{(22)}m_{110}^{(21)}m_{311}^{(20)}$$
$$+2m_{000}^{(11)}m_{000}^{(22)}m_{110}^{(21)}m_{212}^{(00)} - 2m_{000}^{(11)}m_{000}^{(22)}m_{101}^{(00)}m_{212}^{(11)} + 4m_{000}^{(11)}m_{000}^{(22)}m_{101}^{(00)}m_{122}^{(10)}$$
$$-2m_{000}^{(11)}m_{000}^{(22)}m_{101}^{(00)}m_{032}^{(00)} + 2m_{000}^{(11)}m_{000}^{(22)}m_{101}^{(10)}m_{302}^{(11)} - 4m_{000}^{(11)}m_{000}^{(22)}m_{101}^{(10)}m_{212}^{(10)}$$
$$+2m_{000}^{(11)}m_{000}^{(22)}m_{101}^{(10)}m_{122}^{(00)} + 2m_{000}^{(11)}m_{000}^{(22)}m_{101}^{(20)}m_{311}^{(11)} - 4m_{000}^{(11)}m_{000}^{(22)}m_{101}^{(20)}m_{221}^{(10)}$$
$$+2m_{000}^{(11)}m_{000}^{(22)}m_{101}^{(20)}m_{131}^{(00)} - 2m_{000}^{(11)}m_{000}^{(22)}m_{101}^{(21)}m_{401}^{(11)} + 4m_{000}^{(11)}m_{000}^{(22)}m_{101}^{(21)}m_{311}^{(10)}$$
$$-2m_{000}^{(11)}m_{000}^{(22)}m_{101}^{(21)}m_{221}^{(00)} - m_{000}^{(11)}m_{000}^{(22)}m_{020}^{(00)}m_{311}^{(22)} + 2m_{000}^{(11)}m_{000}^{(22)}m_{020}^{(00)}m_{212}^{(20)}$$
$$-m_{000}^{(11)}m_{000}^{(22)}m_{020}^{(00)}m_{113}^{(00)} + m_{000}^{(11)}m_{000}^{(22)}m_{020}^{(10)}m_{401}^{(22)} - 2m_{000}^{(11)}m_{000}^{(22)}m_{020}^{(10)}m_{302}^{(20)}$$
$$+m_{000}^{(11)}m_{000}^{(22)}m_{020}^{(10)}m_{203}^{(00)} + m_{000}^{(11)}m_{000}^{(22)}m_{020}^{(20)}m_{410}^{(22)} - 2m_{000}^{(11)}m_{000}^{(22)}m_{020}^{(20)}m_{311}^{(20)}$$
$$+m_{000}^{(11)}m_{000}^{(22)}m_{020}^{(20)}m_{212}^{(00)} - m_{000}^{(11)}m_{000}^{(22)}m_{020}^{(21)}m_{500}^{(22)} + 2m_{000}^{(11)}m_{000}^{(22)}m_{020}^{(21)}m_{401}^{(20)}$$
$$-m_{000}^{(11)}m_{000}^{(22)}m_{020}^{(21)}m_{302}^{(00)} + m_{000}^{(11)}m_{000}^{(22)}m_{002}^{(00)}m_{311}^{(22)} - 2m_{000}^{(11)}m_{000}^{(22)}m_{002}^{(00)}m_{221}^{(10)}$$
$$+m_{000}^{(11)}m_{000}^{(22)}m_{002}^{(00)}m_{131}^{(00)} - m_{000}^{(11)}m_{000}^{(22)}m_{002}^{(10)}m_{401}^{(11)} + 2m_{000}^{(11)}m_{000}^{(22)}m_{002}^{(10)}m_{311}^{(10)}$$
$$-m_{000}^{(11)}m_{000}^{(22)}m_{002}^{(10)}m_{221}^{(00)} - m_{000}^{(11)}m_{000}^{(22)}m_{002}^{(20)}m_{410}^{(11)} + 2m_{000}^{(11)}m_{000}^{(22)}m_{002}^{(20)}m_{320}^{(10)}$$
$$-m_{000}^{(11)}m_{000}^{(22)}m_{002}^{(20)}m_{230}^{(00)} + m_{000}^{(11)}m_{000}^{(22)}m_{002}^{(21)}m_{500}^{(11)} - 2m_{000}^{(11)}m_{000}^{(22)}m_{002}^{(21)}m_{410}^{(10)}$$
$$+m_{000}^{(11)}m_{000}^{(22)}m_{002}^{(21)}m_{320}^{(00)} - (m_{000}^{(20)})^2m_{200}^{(10)}m_{041}^{(22)} + 2(m_{000}^{(20)})^2m_{200}^{(10)}m_{032}^{(21)}$$
$$-(m_{000}^{(20)})^2m_{200}^{(10)}m_{023}^{(11)} + (m_{000}^{(20)})^2m_{200}^{(11)}m_{131}^{(22)} - 3(m_{000}^{(20)})^2m_{200}^{(11)}m_{122}^{(21)}$$
$$+2(m_{000}^{(20)})^2m_{200}^{(11)}m_{113}^{(11)} + (m_{000}^{(20)})^2m_{200}^{(11)}m_{032}^{(20)} - (m_{000}^{(20)})^2m_{200}^{(11)}m_{023}^{(10)}$$
$$+(m_{000}^{(20)})^2m_{200}^{(20)}m_{050}^{(22)} - 2(m_{000}^{(20)})^2m_{200}^{(20)}m_{041}^{(21)} + (m_{000}^{(20)})^2m_{200}^{(20)}m_{032}^{(11)}$$
$$-(m_{000}^{(20)})^2m_{200}^{(21)}m_{140}^{(22)} + 4(m_{000}^{(20)})^2m_{200}^{(21)}m_{131}^{(21)} - 3(m_{000}^{(20)})^2m_{200}^{(21)}m_{122}^{(11)}$$

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\begin{aligned}
&-2(m_{000}^{(20)})^2 m_{200}^{(21)} m_{041}^{(20)} + 2(m_{000}^{(20)})^2 m_{200}^{(21)} m_{032}^{(10)} - (m_{000}^{(20)})^2 m_{200}^{(22)} m_{140}^{(21)} \\
&+(m_{000}^{(20)})^2 m_{200}^{(22)} m_{131}^{(11)} + (m_{000}^{(20)})^2 m_{200}^{(22)} m_{050}^{(20)} - (m_{000}^{(20)})^2 m_{200}^{(22)} m_{041}^{(10)} \\
&-(m_{000}^{(20)})^2 m_{110}^{(00)} m_{041}^{(22)} + 2(m_{000}^{(20)})^2 m_{110}^{(00)} m_{032}^{(21)} - (m_{000}^{(20)})^2 m_{110}^{(00)} m_{023}^{(11)} \\
&+4(m_{000}^{(20)})^2 m_{110}^{(10)} m_{131}^{(22)} - 8(m_{000}^{(20)})^2 m_{110}^{(10)} m_{122}^{(21)} + 4(m_{000}^{(20)})^2 m_{110}^{(10)} m_{113}^{(11)} \\
&-3(m_{000}^{(20)})^2 m_{110}^{(11)} m_{221}^{(22)} + 8(m_{000}^{(20)})^2 m_{110}^{(11)} m_{212}^{(21)} - 4(m_{000}^{(20)})^2 m_{110}^{(11)} m_{203}^{(11)} \\
&-2(m_{000}^{(20)})^2 m_{110}^{(11)} m_{122}^{(20)} + (m_{000}^{(20)})^2 m_{110}^{(11)} m_{023}^{(00)} - 2(m_{000}^{(20)})^2 m_{110}^{(20)} m_{140}^{(22)} \\
&+4(m_{000}^{(20)})^2 m_{110}^{(20)} m_{131}^{(21)} - 2(m_{000}^{(20)})^2 m_{110}^{(20)} m_{122}^{(11)} + 2(m_{000}^{(20)})^2 m_{110}^{(21)} m_{230}^{(22)} \\
&-8(m_{000}^{(20)})^2 m_{110}^{(21)} m_{221}^{(21)} + 4(m_{000}^{(20)})^2 m_{110}^{(21)} m_{212}^{(11)} + 4(m_{000}^{(20)})^2 m_{110}^{(21)} m_{131}^{(20)} \\
&-2(m_{000}^{(20)})^2 m_{110}^{(21)} m_{032}^{(00)} + 2(m_{000}^{(20)})^2 m_{110}^{(22)} m_{230}^{(21)} - (m_{000}^{(20)})^2 m_{110}^{(22)} m_{221}^{(11)} \\
&-2(m_{000}^{(20)})^2 m_{110}^{(22)} m_{140}^{(20)} + (m_{000}^{(20)})^2 m_{110}^{(22)} m_{041}^{(00)} + (m_{000}^{(20)})^2 m_{101}^{(00)} m_{050}^{(22)} \\
&-2(m_{000}^{(20)})^2 m_{101}^{(00)} m_{041}^{(21)} + (m_{000}^{(20)})^2 m_{101}^{(00)} m_{032}^{(11)} - 2(m_{000}^{(20)})^2 m_{101}^{(10)} m_{140}^{(22)} \\
&+4(m_{000}^{(20)})^2 m_{101}^{(10)} m_{131}^{(21)} - 2(m_{000}^{(20)})^2 m_{101}^{(10)} m_{122}^{(11)} + (m_{000}^{(20)})^2 m_{101}^{(11)} m_{230}^{(22)} \\
&-2(m_{000}^{(20)})^2 m_{101}^{(11)} m_{221}^{(21)} + 2(m_{000}^{(20)})^2 m_{101}^{(11)} m_{122}^{(10)} - (m_{000}^{(20)})^2 m_{101}^{(11)} m_{032}^{(00)} \\
&+2(m_{000}^{(20)})^2 m_{101}^{(21)} m_{221}^{(11)} - 4(m_{000}^{(20)})^2 m_{101}^{(21)} m_{131}^{(10)} + 2(m_{000}^{(20)})^2 m_{101}^{(21)} m_{041}^{(00)} \\
&-(m_{000}^{(20)})^2 m_{101}^{(22)} m_{230}^{(11)} + 2(m_{000}^{(20)})^2 m_{101}^{(22)} m_{140}^{(10)} - (m_{000}^{(20)})^2 m_{101}^{(22)} m_{050}^{(00)} \\
&+(m_{000}^{(20)})^2 m_{020}^{(00)} m_{131}^{(22)} - (m_{000}^{(20)})^2 m_{020}^{(00)} m_{122}^{(21)} - (m_{000}^{(20)})^2 m_{020}^{(00)} m_{032}^{(20)} \\
&+(m_{000}^{(20)})^2 m_{020}^{(00)} m_{023}^{(10)} - 3(m_{000}^{(20)})^2 m_{020}^{(10)} m_{221}^{(22)} + 4(m_{000}^{(20)})^2 m_{020}^{(10)} m_{212}^{(21)} \\
&+2(m_{000}^{(20)})^2 m_{020}^{(10)} m_{122}^{(20)} - 4(m_{000}^{(20)})^2 m_{020}^{(10)} m_{113}^{(10)} + (m_{000}^{(20)})^2 m_{020}^{(10)} m_{023}^{(00)} \\
&+2(m_{000}^{(20)})^2 m_{020}^{(11)} m_{311}^{(22)} - 4(m_{000}^{(20)})^2 m_{020}^{(11)} m_{302}^{(21)} + 4(m_{000}^{(20)})^2 m_{020}^{(11)} m_{203}^{(10)} \\
&-2(m_{000}^{(20)})^2 m_{020}^{(11)} m_{113}^{(00)} + (m_{000}^{(20)})^2 m_{020}^{(20)} m_{230}^{(22)} - 2(m_{000}^{(20)})^2 m_{020}^{(20)} m_{221}^{(21)} \\
&+2(m_{000}^{(20)})^2 m_{020}^{(20)} m_{122}^{(10)} - (m_{000}^{(20)})^2 m_{020}^{(20)} m_{032}^{(00)} - (m_{000}^{(20)})^2 m_{020}^{(21)} m_{320}^{(22)} \\
&+4(m_{000}^{(20)})^2 m_{020}^{(21)} m_{311}^{(21)} - 2(m_{000}^{(20)})^2 m_{020}^{(21)} m_{221}^{(20)} - 4(m_{000}^{(20)})^2 m_{020}^{(21)} m_{212}^{(10)} \\
&+3(m_{000}^{(20)})^2 m_{020}^{(21)} m_{122}^{(00)} - (m_{000}^{(20)})^2 m_{020}^{(22)} m_{320}^{(21)} + (m_{000}^{(20)})^2 m_{020}^{(22)} m_{230}^{(20)} \\
&+(m_{000}^{(20)})^2 m_{020}^{(22)} m_{221}^{(10)} - (m_{000}^{(20)})^2 m_{020}^{(22)} m_{131}^{(00)} - (m_{000}^{(20)})^2 m_{011}^{(00)} m_{140}^{(22)} \\
&+(m_{000}^{(20)})^2 m_{011}^{(00)} m_{122}^{(11)} + 2(m_{000}^{(20)})^2 m_{011}^{(00)} m_{041}^{(20)} - 2(m_{000}^{(20)})^2 m_{011}^{(00)} m_{032}^{(10)} \\
&+2(m_{000}^{(20)})^2 m_{011}^{(10)} m_{230}^{(22)} - 4(m_{000}^{(20)})^2 m_{011}^{(10)} m_{212}^{(11)} - 4(m_{000}^{(20)})^2 m_{011}^{(10)} m_{131}^{(20)} \\
&+8(m_{000}^{(20)})^2 m_{011}^{(10)} m_{122}^{(10)} - 2(m_{000}^{(20)})^2 m_{011}^{(10)} m_{032}^{(00)} - (m_{000}^{(20)})^2 m_{011}^{(11)} m_{320}^{(22)} \\
&+4(m_{000}^{(20)})^2 m_{011}^{(11)} m_{302}^{(11)} + 2(m_{000}^{(20)})^2 m_{011}^{(11)} m_{221}^{(20)} - 8(m_{000}^{(20)})^2 m_{011}^{(11)} m_{212}^{(10)} \\
&+3(m_{000}^{(20)})^2 m_{011}^{(11)} m_{122}^{(00)} + 2(m_{000}^{(20)})^2 m_{011}^{(20)} m_{221}^{(11)} - 4(m_{000}^{(20)})^2 m_{011}^{(20)} m_{131}^{(10)} \\
&+2(m_{000}^{(20)})^2 m_{011}^{(20)} m_{041}^{(00)} - 4(m_{000}^{(20)})^2 m_{011}^{(21)} m_{311}^{(11)} + 8(m_{000}^{(20)})^2 m_{011}^{(21)} m_{221}^{(10)} \\
&-4(m_{000}^{(20)})^2 m_{011}^{(21)} m_{131}^{(00)} + (m_{000}^{(20)})^2 m_{011}^{(22)} m_{320}^{(11)} - 2(m_{000}^{(20)})^2 m_{011}^{(22)} m_{230}^{(10)} \\
&+(m_{000}^{(20)})^2 m_{011}^{(22)} m_{140}^{(00)} + (m_{000}^{(20)})^2 m_{002}^{(00)} m_{140}^{(21)} - (m_{000}^{(20)})^2 m_{002}^{(00)} m_{131}^{(11)} \\
&-(m_{000}^{(20)})^2 m_{002}^{(00)} m_{050}^{(20)} + (m_{000}^{(20)})^2 m_{002}^{(00)} m_{041}^{(10)} - 2(m_{000}^{(20)})^2 m_{002}^{(10)} m_{230}^{(21)} \\
&+3(m_{000}^{(20)})^2 m_{002}^{(10)} m_{221}^{(11)} + 2(m_{000}^{(20)})^2 m_{002}^{(10)} m_{140}^{(20)} - 4(m_{000}^{(20)})^2 m_{002}^{(10)} m_{131}^{(10)} \\
&+(m_{000}^{(20)})^2 m_{002}^{(10)} m_{041}^{(00)} + (m_{000}^{(20)})^2 m_{002}^{(11)} m_{320}^{(21)} - 2(m_{000}^{(20)})^2 m_{002}^{(11)} m_{311}^{(11)} \\
&-(m_{000}^{(20)})^2 m_{002}^{(11)} m_{230}^{(20)} + 3(m_{000}^{(20)})^2 m_{002}^{(11)} m_{221}^{(10)} - (m_{000}^{(20)})^2 m_{002}^{(11)} m_{131}^{(00)} \\
&-(m_{000}^{(20)})^2 m_{002}^{(20)} m_{230}^{(11)} + 2(m_{000}^{(20)})^2 m_{002}^{(20)} m_{140}^{(10)} - (m_{000}^{(20)})^2 m_{002}^{(20)} m_{050}^{(00)} \\
&+(m_{000}^{(20)})^2 m_{002}^{(21)} m_{320}^{(11)} - 2(m_{000}^{(20)})^2 m_{002}^{(21)} m_{230}^{(10)} + (m_{000}^{(20)})^2 m_{002}^{(21)} m_{140}^{(00)}
\end{aligned}
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\begin{aligned}
&+2m_{000}^{(20)}m_{000}^{(21)}m_{200}^{(00)}m_{041}^{(22)} - 4m_{000}^{(20)}m_{000}^{(21)}m_{200}^{(00)}m_{032}^{(21)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{200}^{(00)}m_{023}^{(11)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{200}^{(10)}m_{131}^{(22)} + 8m_{000}^{(20)}m_{000}^{(21)}m_{200}^{(10)}m_{122}^{(21)} - 6m_{000}^{(20)}m_{000}^{(21)}m_{200}^{(10)}m_{113}^{(11)}\\
&-4m_{000}^{(20)}m_{000}^{(21)}m_{200}^{(10)}m_{032}^{(20)} + 4m_{000}^{(20)}m_{000}^{(21)}m_{200}^{(10)}m_{023}^{(10)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{200}^{(11)}m_{212}^{(21)}\\
&+2m_{000}^{(20)}m_{000}^{(21)}m_{200}^{(11)}m_{203}^{(11)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{200}^{(11)}m_{122}^{(20)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{200}^{(11)}m_{113}^{(10)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{200}^{(20)}m_{140}^{(22)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{200}^{(20)}m_{122}^{(11)} + 4m_{000}^{(20)}m_{000}^{(21)}m_{200}^{(20)}m_{041}^{(20)}\\
&-4m_{000}^{(20)}m_{000}^{(21)}m_{200}^{(20)}m_{032}^{(10)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{200}^{(21)}m_{230}^{(22)} - 4m_{000}^{(20)}m_{000}^{(21)}m_{200}^{(21)}m_{221}^{(21)}\\
&+2m_{000}^{(20)}m_{000}^{(21)}m_{200}^{(21)}m_{212}^{(11)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{200}^{(22)}m_{230}^{(21)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{200}^{(22)}m_{221}^{(11)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{200}^{(22)}m_{140}^{(20)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{200}^{(22)}m_{131}^{(10)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{110}^{(00)}m_{131}^{(22)}\\
&+4m_{000}^{(20)}m_{000}^{(21)}m_{110}^{(00)}m_{122}^{(21)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{110}^{(00)}m_{113}^{(11)} - 8m_{000}^{(20)}m_{000}^{(21)}m_{110}^{(10)}m_{212}^{(21)}\\
&+4m_{000}^{(20)}m_{000}^{(21)}m_{110}^{(10)}m_{203}^{(11)} + 8m_{000}^{(20)}m_{000}^{(21)}m_{110}^{(10)}m_{122}^{(20)} - 4m_{000}^{(20)}m_{000}^{(21)}m_{110}^{(10)}m_{023}^{(00)}\\
&+2m_{000}^{(20)}m_{000}^{(21)}m_{110}^{(11)}m_{311}^{(22)} - 4m_{000}^{(20)}m_{000}^{(21)}m_{110}^{(11)}m_{212}^{(20)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{110}^{(11)}m_{113}^{(00)}\\
&+4m_{000}^{(20)}m_{000}^{(21)}m_{110}^{(20)}m_{230}^{(22)} - 8m_{000}^{(20)}m_{000}^{(21)}m_{110}^{(20)}m_{131}^{(20)} + 4m_{000}^{(20)}m_{000}^{(21)}m_{110}^{(20)}m_{032}^{(00)}\\
&-4m_{000}^{(20)}m_{000}^{(21)}m_{110}^{(21)}m_{320}^{(22)} + 8m_{000}^{(20)}m_{000}^{(21)}m_{110}^{(21)}m_{311}^{(21)} - 4m_{000}^{(20)}m_{000}^{(21)}m_{110}^{(21)}m_{302}^{(11)}\\
&-4m_{000}^{(20)}m_{000}^{(21)}m_{110}^{(22)}m_{320}^{(21)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{110}^{(22)}m_{311}^{(11)} + 4m_{000}^{(20)}m_{000}^{(21)}m_{110}^{(22)}m_{230}^{(20)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{110}^{(22)}m_{131}^{(00)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{101}^{(00)}m_{140}^{(22)} + 4m_{000}^{(20)}m_{000}^{(21)}m_{101}^{(00)}m_{131}^{(21)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{101}^{(00)}m_{122}^{(11)} + 4m_{000}^{(20)}m_{000}^{(21)}m_{101}^{(10)}m_{230}^{(22)} - 8m_{000}^{(20)}m_{000}^{(21)}m_{101}^{(10)}m_{221}^{(21)}\\
&+8m_{000}^{(20)}m_{000}^{(21)}m_{101}^{(10)}m_{212}^{(11)} - 8m_{000}^{(20)}m_{000}^{(21)}m_{101}^{(10)}m_{122}^{(10)} + 4m_{000}^{(20)}m_{000}^{(21)}m_{101}^{(10)}m_{032}^{(00)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{101}^{(11)}m_{320}^{(22)} + 4m_{000}^{(20)}m_{000}^{(21)}m_{101}^{(11)}m_{311}^{(21)} - 4m_{000}^{(20)}m_{000}^{(21)}m_{101}^{(11)}m_{302}^{(11)}\\
&+4m_{000}^{(20)}m_{000}^{(21)}m_{101}^{(11)}m_{212}^{(10)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{101}^{(11)}m_{122}^{(00)} - 4m_{000}^{(20)}m_{000}^{(21)}m_{101}^{(20)}m_{221}^{(11)}\\
&+8m_{000}^{(20)}m_{000}^{(21)}m_{101}^{(20)}m_{131}^{(10)} - 4m_{000}^{(20)}m_{000}^{(21)}m_{101}^{(20)}m_{041}^{(00)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{101}^{(22)}m_{320}^{(11)}\\
&-4m_{000}^{(20)}m_{000}^{(21)}m_{101}^{(22)}m_{230}^{(10)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{101}^{(22)}m_{140}^{(00)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{020}^{(00)}m_{212}^{(21)}\\
&+2m_{000}^{(20)}m_{000}^{(21)}m_{020}^{(00)}m_{122}^{(20)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{020}^{(00)}m_{113}^{(10)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{020}^{(00)}m_{023}^{(00)}\\
&+2m_{000}^{(20)}m_{000}^{(21)}m_{020}^{(10)}m_{311}^{(22)} + 4m_{000}^{(20)}m_{000}^{(21)}m_{020}^{(10)}m_{302}^{(21)} - 8m_{000}^{(20)}m_{000}^{(21)}m_{020}^{(10)}m_{212}^{(20)}\\
&-4m_{000}^{(20)}m_{000}^{(21)}m_{020}^{(10)}m_{203}^{(10)} + 6m_{000}^{(20)}m_{000}^{(21)}m_{020}^{(10)}m_{113}^{(00)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{020}^{(11)}m_{401}^{(22)}\\
&+4m_{000}^{(20)}m_{000}^{(21)}m_{020}^{(11)}m_{302}^{(20)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{020}^{(11)}m_{203}^{(00)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{020}^{(20)}m_{320}^{(22)}\\
&+4m_{000}^{(20)}m_{000}^{(21)}m_{020}^{(20)}m_{221}^{(20)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{020}^{(20)}m_{122}^{(00)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{020}^{(21)}m_{410}^{(22)}\\
&-4m_{000}^{(20)}m_{000}^{(21)}m_{020}^{(21)}m_{401}^{(21)} + 4m_{000}^{(20)}m_{000}^{(21)}m_{020}^{(21)}m_{302}^{(10)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{020}^{(21)}m_{212}^{(00)}\\
&+2m_{000}^{(20)}m_{000}^{(21)}m_{020}^{(22)}m_{410}^{(21)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{020}^{(22)}m_{320}^{(20)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{020}^{(22)}m_{311}^{(10)}\\
&+2m_{000}^{(20)}m_{000}^{(21)}m_{020}^{(22)}m_{221}^{(00)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{011}^{(00)}m_{230}^{(22)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{011}^{(00)}m_{212}^{(11)}\\
&-4m_{000}^{(20)}m_{000}^{(21)}m_{011}^{(00)}m_{131}^{(20)} - 4m_{000}^{(20)}m_{000}^{(21)}m_{011}^{(00)}m_{122}^{(10)} + 4m_{000}^{(20)}m_{000}^{(21)}m_{011}^{(00)}m_{032}^{(00)}\\
&-4m_{000}^{(20)}m_{000}^{(21)}m_{011}^{(10)}m_{320}^{(22)} - 4m_{000}^{(20)}m_{000}^{(21)}m_{011}^{(10)}m_{302}^{(11)} + 8m_{000}^{(20)}m_{000}^{(21)}m_{011}^{(10)}m_{221}^{(20)}\\
&+8m_{000}^{(20)}m_{000}^{(21)}m_{011}^{(10)}m_{212}^{(10)} - 8m_{000}^{(20)}m_{000}^{(21)}m_{011}^{(10)}m_{122}^{(00)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{011}^{(11)}m_{410}^{(22)}\\
&-4m_{000}^{(20)}m_{000}^{(21)}m_{011}^{(11)}m_{311}^{(20)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{011}^{(11)}m_{212}^{(00)} + 4m_{000}^{(20)}m_{000}^{(21)}m_{011}^{(21)}m_{401}^{(11)}\\
&-8m_{000}^{(20)}m_{000}^{(21)}m_{011}^{(21)}m_{311}^{(10)} + 4m_{000}^{(20)}m_{000}^{(21)}m_{011}^{(21)}m_{221}^{(00)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{011}^{(22)}m_{410}^{(11)}\\
&+4m_{000}^{(20)}m_{000}^{(21)}m_{011}^{(22)}m_{320}^{(10)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{011}^{(22)}m_{230}^{(00)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{002}^{(00)}m_{230}^{(21)}\\
&+2m_{000}^{(20)}m_{000}^{(21)}m_{002}^{(00)}m_{140}^{(20)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{002}^{(00)}m_{131}^{(10)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{002}^{(00)}m_{041}^{(00)}\\
&+4m_{000}^{(20)}m_{000}^{(21)}m_{002}^{(10)}m_{320}^{(21)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{002}^{(10)}m_{311}^{(11)} - 4m_{000}^{(20)}m_{000}^{(21)}m_{002}^{(10)}m_{230}^{(20)}\\
&+2m_{000}^{(20)}m_{000}^{(21)}m_{002}^{(10)}m_{131}^{(00)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{002}^{(11)}m_{410}^{(21)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{002}^{(11)}m_{401}^{(11)}
\end{aligned}
$$

$$+2m_{000}^{(20)}m_{000}^{(21)}m_{002}^{(11)}m_{320}^{(20)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{002}^{(11)}m_{311}^{(10)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{002}^{(20)}m_{320}^{(11)}$$
$$-4m_{000}^{(20)}m_{000}^{(21)}m_{002}^{(20)}m_{230}^{(10)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{002}^{(20)}m_{140}^{(00)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{002}^{(21)}m_{410}^{(11)}$$
$$+4m_{000}^{(20)}m_{000}^{(21)}m_{002}^{(21)}m_{320}^{(10)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{002}^{(21)}m_{230}^{(00)} - m_{000}^{(20)}m_{000}^{(22)}m_{200}^{(00)}m_{050}^{(22)}$$
$$+2m_{000}^{(20)}m_{000}^{(22)}m_{200}^{(00)}m_{041}^{(21)} - m_{000}^{(20)}m_{000}^{(22)}m_{200}^{(00)}m_{032}^{(11)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{200}^{(10)}m_{140}^{(22)}$$
$$-6m_{000}^{(20)}m_{000}^{(22)}m_{200}^{(10)}m_{131}^{(21)} + 4m_{000}^{(20)}m_{000}^{(22)}m_{200}^{(10)}m_{122}^{(11)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{200}^{(10)}m_{041}^{(20)}$$
$$-2m_{000}^{(20)}m_{000}^{(22)}m_{200}^{(10)}m_{032}^{(10)} - m_{000}^{(20)}m_{000}^{(22)}m_{200}^{(11)}m_{230}^{(22)} + 4m_{000}^{(20)}m_{000}^{(22)}m_{200}^{(11)}m_{221}^{(21)}$$
$$-3m_{000}^{(20)}m_{000}^{(22)}m_{200}^{(11)}m_{212}^{(11)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{200}^{(11)}m_{131}^{(20)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{200}^{(11)}m_{122}^{(10)}$$
$$+2m_{000}^{(20)}m_{000}^{(22)}m_{200}^{(20)}m_{140}^{(21)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{200}^{(20)}m_{131}^{(11)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{200}^{(20)}m_{050}^{(20)}$$
$$+2m_{000}^{(20)}m_{000}^{(22)}m_{200}^{(20)}m_{041}^{(10)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{200}^{(21)}m_{230}^{(21)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{200}^{(21)}m_{221}^{(11)}$$
$$+2m_{000}^{(20)}m_{000}^{(22)}m_{200}^{(21)}m_{140}^{(20)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{200}^{(21)}m_{131}^{(10)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{000}^{(00)}m_{110}^{(22)}$$
$$-4m_{000}^{(20)}m_{000}^{(22)}m_{000}^{(00)}m_{110}^{(21)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{000}^{(00)}m_{110}^{(11)}m_{122}^{(11)} - 4m_{000}^{(20)}m_{000}^{(22)}m_{110}^{(10)}m_{230}^{(22)}$$
$$+12m_{000}^{(20)}m_{000}^{(22)}m_{110}^{(10)}m_{221}^{(21)} - 6m_{000}^{(20)}m_{000}^{(22)}m_{110}^{(10)}m_{212}^{(11)} - 4m_{000}^{(20)}m_{000}^{(22)}m_{110}^{(10)}m_{131}^{(20)}$$
$$+2m_{000}^{(20)}m_{000}^{(22)}m_{110}^{(10)}m_{032}^{(00)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{110}^{(11)}m_{320}^{(22)} - 8m_{000}^{(20)}m_{000}^{(22)}m_{110}^{(11)}m_{311}^{(21)}$$
$$+4m_{000}^{(20)}m_{000}^{(22)}m_{110}^{(11)}m_{302}^{(11)} + 4m_{000}^{(20)}m_{000}^{(22)}m_{110}^{(11)}m_{221}^{(20)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{110}^{(11)}m_{122}^{(00)}$$
$$-4m_{000}^{(20)}m_{000}^{(22)}m_{110}^{(20)}m_{230}^{(21)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{110}^{(20)}m_{221}^{(11)} + 4m_{000}^{(20)}m_{000}^{(22)}m_{110}^{(20)}m_{140}^{(20)}$$
$$-2m_{000}^{(20)}m_{000}^{(22)}m_{110}^{(20)}m_{041}^{(00)} + 4m_{000}^{(20)}m_{000}^{(22)}m_{110}^{(21)}m_{320}^{(21)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{110}^{(21)}m_{311}^{(11)}$$
$$-4m_{000}^{(20)}m_{000}^{(22)}m_{110}^{(21)}m_{230}^{(20)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{110}^{(21)}m_{131}^{(00)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{101}^{(10)}m_{221}^{(11)}$$
$$+4m_{000}^{(20)}m_{000}^{(22)}m_{101}^{(10)}m_{131}^{(10)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{101}^{(10)}m_{041}^{(00)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{101}^{(11)}m_{311}^{(11)}$$
$$-4m_{000}^{(20)}m_{000}^{(22)}m_{101}^{(11)}m_{221}^{(10)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{101}^{(11)}m_{131}^{(00)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{101}^{(20)}m_{230}^{(11)}$$
$$-4m_{000}^{(20)}m_{000}^{(22)}m_{101}^{(20)}m_{140}^{(10)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{101}^{(20)}m_{050}^{(00)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{101}^{(21)}m_{320}^{(11)}$$
$$+4m_{000}^{(20)}m_{000}^{(22)}m_{101}^{(21)}m_{230}^{(10)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{101}^{(21)}m_{140}^{(00)} - m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(00)}m_{230}^{(22)}$$
$$+2m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(00)}m_{221}^{(21)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(00)}m_{122}^{(10)} + m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(00)}m_{032}^{(00)}$$
$$+2m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(10)}m_{320}^{(22)} - 6m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(10)}m_{311}^{(21)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(10)}m_{221}^{(20)}$$
$$+6m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(10)}m_{212}^{(10)} - 4m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(10)}m_{122}^{(00)} - m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(11)}m_{410}^{(22)}$$
$$+4m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(11)}m_{401}^{(21)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(11)}m_{311}^{(20)} - 4m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(11)}m_{302}^{(10)}$$
$$+3m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(11)}m_{212}^{(00)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(20)}m_{320}^{(21)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(20)}m_{230}^{(20)}$$
$$-2m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(20)}m_{221}^{(10)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(20)}m_{131}^{(00)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(21)}m_{410}^{(21)}$$
$$+2m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(21)}m_{320}^{(20)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(21)}m_{311}^{(10)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(21)}m_{221}^{(00)}$$
$$-2m_{000}^{(20)}m_{000}^{(22)}m_{011}^{(00)}m_{221}^{(11)} + 4m_{000}^{(20)}m_{000}^{(22)}m_{011}^{(00)}m_{131}^{(10)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{011}^{(00)}m_{041}^{(00)}$$
$$+6m_{000}^{(20)}m_{000}^{(22)}m_{011}^{(10)}m_{311}^{(11)} - 12m_{000}^{(20)}m_{000}^{(22)}m_{011}^{(10)}m_{221}^{(10)} + 6m_{000}^{(20)}m_{000}^{(22)}m_{011}^{(10)}m_{131}^{(00)}$$
$$-4m_{000}^{(20)}m_{000}^{(22)}m_{011}^{(11)}m_{401}^{(11)} + 8m_{000}^{(20)}m_{000}^{(22)}m_{011}^{(11)}m_{311}^{(10)} - 4m_{000}^{(20)}m_{000}^{(22)}m_{011}^{(11)}m_{221}^{(00)}$$
$$-2m_{000}^{(20)}m_{000}^{(22)}m_{011}^{(20)}m_{320}^{(11)} + 4m_{000}^{(20)}m_{000}^{(22)}m_{011}^{(20)}m_{230}^{(10)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{011}^{(20)}m_{140}^{(00)}$$
$$+2m_{000}^{(20)}m_{000}^{(22)}m_{011}^{(21)}m_{410}^{(11)} - 4m_{000}^{(20)}m_{000}^{(22)}m_{011}^{(21)}m_{320}^{(10)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{011}^{(21)}m_{230}^{(00)}$$
$$+m_{000}^{(20)}m_{000}^{(22)}m_{002}^{(00)}m_{230}^{(11)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{002}^{(00)}m_{140}^{(10)} + m_{000}^{(20)}m_{000}^{(22)}m_{002}^{(00)}m_{050}^{(00)}$$
$$-2m_{000}^{(20)}m_{000}^{(22)}m_{002}^{(10)}m_{320}^{(11)} + 4m_{000}^{(20)}m_{000}^{(22)}m_{002}^{(10)}m_{230}^{(10)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{002}^{(10)}m_{140}^{(00)}$$
$$+m_{000}^{(20)}m_{000}^{(22)}m_{002}^{(11)}m_{410}^{(11)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{002}^{(11)}m_{320}^{(10)} + m_{000}^{(20)}m_{000}^{(22)}m_{002}^{(11)}m_{230}^{(00)}$$
$$-2(m_{000}^{(21)})^2m_{200}^{(00)}m_{131}^{(22)} + 2(m_{000}^{(21)})^2m_{200}^{(00)}m_{113}^{(11)} + 4(m_{000}^{(21)})^2m_{200}^{(00)}m_{032}^{(20)}$$
$$-4(m_{000}^{(21)})^2m_{200}^{(00)}m_{023}^{(10)} + 3(m_{000}^{(21)})^2m_{200}^{(10)}m_{221}^{(22)} - 2(m_{000}^{(21)})^2m_{200}^{(10)}m_{212}^{(21)}$$

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\begin{aligned}
&-(m_{000}^{(21)})^2 m_{200}^{(10)} m_{203}^{(11)} - 4(m_{000}^{(21)})^2 m_{200}^{(10)} m_{122}^{(20)} + 4(m_{000}^{(21)})^2 m_{200}^{(10)} m_{113}^{(10)} \\
&-(m_{000}^{(21)})^2 m_{200}^{(11)} m_{311}^{(22)} + (m_{000}^{(21)})^2 m_{200}^{(11)} m_{302}^{(21)} + (m_{000}^{(21)})^2 m_{200}^{(11)} m_{212}^{(20)} \\
&-(m_{000}^{(21)})^2 m_{200}^{(11)} m_{203}^{(10)} + (m_{000}^{(21)})^2 m_{200}^{(20)} m_{230}^{(22)} + 2(m_{000}^{(21)})^2 m_{200}^{(20)} m_{221}^{(21)} \\
&-3(m_{000}^{(21)})^2 m_{200}^{(20)} m_{212}^{(11)} - 4(m_{000}^{(21)})^2 m_{200}^{(20)} m_{131}^{(20)} + 4(m_{000}^{(21)})^2 m_{200}^{(20)} m_{122}^{(10)} \\
&-(m_{000}^{(21)})^2 m_{200}^{(21)} m_{320}^{(22)} + (m_{000}^{(21)})^2 m_{200}^{(21)} m_{302}^{(11)} + 2(m_{000}^{(21)})^2 m_{200}^{(21)} m_{221}^{(20)} \\
&-2(m_{000}^{(21)})^2 m_{200}^{(21)} m_{212}^{(10)} - (m_{000}^{(21)})^2 m_{200}^{(22)} m_{320}^{(21)} + (m_{000}^{(21)})^2 m_{200}^{(22)} m_{311}^{(11)} \\
&+(m_{000}^{(21)})^2 m_{200}^{(22)} m_{230}^{(20)} - (m_{000}^{(21)})^2 m_{200}^{(22)} m_{221}^{(10)} + 3(m_{000}^{(21)})^2 m_{110}^{(00)} m_{221}^{(22)} \\
&+2(m_{000}^{(21)})^2 m_{110}^{(00)} m_{212}^{(21)} - (m_{000}^{(21)})^2 m_{110}^{(00)} m_{203}^{(11)} - 8(m_{000}^{(21)})^2 m_{110}^{(00)} m_{122}^{(20)} \\
&+4(m_{000}^{(21)})^2 m_{110}^{(00)} m_{023}^{(00)} - 4(m_{000}^{(21)})^2 m_{110}^{(10)} m_{311}^{(22)} + 8(m_{000}^{(21)})^2 m_{110}^{(10)} m_{212}^{(20)} \\
&-4(m_{000}^{(21)})^2 m_{110}^{(10)} m_{113}^{(00)} + (m_{000}^{(21)})^2 m_{110}^{(11)} m_{401}^{(22)} - 2(m_{000}^{(21)})^2 m_{110}^{(11)} m_{302}^{(20)} \\
&+(m_{000}^{(21)})^2 m_{110}^{(11)} m_{203}^{(00)} - 2(m_{000}^{(21)})^2 m_{110}^{(20)} m_{320}^{(22)} - 4(m_{000}^{(21)})^2 m_{110}^{(20)} m_{311}^{(21)} \\
&+2(m_{000}^{(21)})^2 m_{110}^{(20)} m_{302}^{(11)} + 8(m_{000}^{(21)})^2 m_{110}^{(20)} m_{221}^{(20)} - 4(m_{000}^{(21)})^2 m_{110}^{(20)} m_{122}^{(00)} \\
&+2(m_{000}^{(21)})^2 m_{110}^{(21)} m_{410}^{(22)} - 4(m_{000}^{(21)})^2 m_{110}^{(21)} m_{311}^{(20)} + 2(m_{000}^{(21)})^2 m_{110}^{(21)} m_{212}^{(00)} \\
&+2(m_{000}^{(21)})^2 m_{110}^{(22)} m_{410}^{(21)} - (m_{000}^{(21)})^2 m_{110}^{(22)} m_{401}^{(11)} - 2(m_{000}^{(21)})^2 m_{110}^{(22)} m_{320}^{(20)} \\
&+(m_{000}^{(21)})^2 m_{110}^{(22)} m_{221}^{(00)} + (m_{000}^{(21)})^2 m_{101}^{(00)} m_{230}^{(22)} - 2(m_{000}^{(21)})^2 m_{101}^{(00)} m_{221}^{(21)} \\
&-3(m_{000}^{(21)})^2 m_{101}^{(00)} m_{212}^{(11)} + 8(m_{000}^{(21)})^2 m_{101}^{(00)} m_{122}^{(10)} - 4(m_{000}^{(21)})^2 m_{101}^{(00)} m_{032}^{(00)} \\
&-2(m_{000}^{(21)})^2 m_{101}^{(10)} m_{320}^{(22)} + 4(m_{000}^{(21)})^2 m_{101}^{(10)} m_{311}^{(21)} + 2(m_{000}^{(21)})^2 m_{101}^{(10)} m_{302}^{(11)} \\
&-8(m_{000}^{(21)})^2 m_{101}^{(10)} m_{212}^{(10)} + 4(m_{000}^{(21)})^2 m_{101}^{(10)} m_{122}^{(00)} + (m_{000}^{(21)})^2 m_{101}^{(11)} m_{410}^{(22)} \\
&-2(m_{000}^{(21)})^2 m_{101}^{(11)} m_{401}^{(21)} + 2(m_{000}^{(21)})^2 m_{101}^{(11)} m_{302}^{(10)} - (m_{000}^{(21)})^2 m_{101}^{(11)} m_{212}^{(00)} \\
&+4(m_{000}^{(21)})^2 m_{101}^{(20)} m_{311}^{(11)} - 8(m_{000}^{(21)})^2 m_{101}^{(20)} m_{221}^{(10)} + 4(m_{000}^{(21)})^2 m_{101}^{(20)} m_{131}^{(00)} \\
&-2(m_{000}^{(21)})^2 m_{101}^{(21)} m_{401}^{(11)} + 4(m_{000}^{(21)})^2 m_{101}^{(21)} m_{311}^{(10)} - 2(m_{000}^{(21)})^2 m_{101}^{(21)} m_{221}^{(00)} \\
&-(m_{000}^{(21)})^2 m_{101}^{(22)} m_{410}^{(11)} + 2(m_{000}^{(21)})^2 m_{101}^{(22)} m_{320}^{(10)} - (m_{000}^{(21)})^2 m_{101}^{(22)} m_{230}^{(00)} \\
&-(m_{000}^{(21)})^2 m_{020}^{(00)} m_{311}^{(22)} - (m_{000}^{(21)})^2 m_{020}^{(00)} m_{302}^{(21)} + 3(m_{000}^{(21)})^2 m_{020}^{(00)} m_{212}^{(20)} \\
&+(m_{000}^{(21)})^2 m_{020}^{(00)} m_{203}^{(10)} - 2(m_{000}^{(21)})^2 m_{020}^{(00)} m_{113}^{(00)} + (m_{000}^{(21)})^2 m_{020}^{(10)} m_{401}^{(22)} \\
&-2(m_{000}^{(21)})^2 m_{020}^{(10)} m_{302}^{(20)} + (m_{000}^{(21)})^2 m_{020}^{(10)} m_{203}^{(00)} + (m_{000}^{(21)})^2 m_{020}^{(20)} m_{410}^{(22)} \\
&+2(m_{000}^{(21)})^2 m_{020}^{(20)} m_{401}^{(21)} - 4(m_{000}^{(21)})^2 m_{020}^{(20)} m_{311}^{(20)} - 2(m_{000}^{(21)})^2 m_{020}^{(20)} m_{302}^{(10)} \\
&+3(m_{000}^{(21)})^2 m_{020}^{(20)} m_{212}^{(00)} - (m_{000}^{(21)})^2 m_{020}^{(21)} m_{500}^{(22)} + 2(m_{000}^{(21)})^2 m_{020}^{(21)} m_{401}^{(20)} \\
&-(m_{000}^{(21)})^2 m_{020}^{(21)} m_{302}^{(00)} - (m_{000}^{(21)})^2 m_{020}^{(22)} m_{500}^{(21)} + (m_{000}^{(21)})^2 m_{020}^{(22)} m_{410}^{(20)} \\
&+(m_{000}^{(21)})^2 m_{020}^{(22)} m_{401}^{(10)} - (m_{000}^{(21)})^2 m_{020}^{(22)} m_{311}^{(00)} - (m_{000}^{(21)})^2 m_{011}^{(00)} m_{320}^{(22)} \\
&+(m_{000}^{(21)})^2 m_{011}^{(00)} m_{302}^{(11)} + 2(m_{000}^{(21)})^2 m_{011}^{(00)} m_{221}^{(20)} - 2(m_{000}^{(21)})^2 m_{011}^{(00)} m_{212}^{(10)} \\
&+2(m_{000}^{(21)})^2 m_{011}^{(10)} m_{410}^{(22)} - 4(m_{000}^{(21)})^2 m_{011}^{(10)} m_{311}^{(20)} + 2(m_{000}^{(21)})^2 m_{011}^{(10)} m_{212}^{(00)} \\
&-(m_{000}^{(21)})^2 m_{011}^{(11)} m_{500}^{(22)} + 2(m_{000}^{(21)})^2 m_{011}^{(11)} m_{401}^{(20)} - (m_{000}^{(21)})^2 m_{011}^{(11)} m_{302}^{(00)} \\
&-2(m_{000}^{(21)})^2 m_{011}^{(20)} m_{401}^{(11)} + 4(m_{000}^{(21)})^2 m_{011}^{(20)} m_{311}^{(10)} - 2(m_{000}^{(21)})^2 m_{011}^{(20)} m_{221}^{(00)} \\
&+(m_{000}^{(21)})^2 m_{011}^{(22)} m_{500}^{(11)} - 2(m_{000}^{(21)})^2 m_{011}^{(22)} m_{410}^{(10)} + (m_{000}^{(21)})^2 m_{011}^{(22)} m_{320}^{(00)} \\
&+(m_{000}^{(21)})^2 m_{002}^{(00)} m_{320}^{(21)} + (m_{000}^{(21)})^2 m_{002}^{(00)} m_{311}^{(11)} - (m_{000}^{(21)})^2 m_{002}^{(00)} m_{230}^{(20)} \\
&-3(m_{000}^{(21)})^2 m_{002}^{(00)} m_{221}^{(10)} + 2(m_{000}^{(21)})^2 m_{002}^{(00)} m_{131}^{(00)} - 2(m_{000}^{(21)})^2 m_{002}^{(10)} m_{410}^{(21)} \\
&-(m_{000}^{(21)})^2 m_{002}^{(10)} m_{401}^{(11)} + 2(m_{000}^{(21)})^2 m_{002}^{(10)} m_{320}^{(20)} + 4(m_{000}^{(21)})^2 m_{002}^{(10)} m_{311}^{(10)} \\
&-3(m_{000}^{(21)})^2 m_{002}^{(10)} m_{221}^{(00)} + (m_{000}^{(21)})^2 m_{002}^{(11)} m_{500}^{(21)} - (m_{000}^{(21)})^2 m_{002}^{(11)} m_{410}^{(20)}
\end{aligned}
$$

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\begin{aligned}
&-(m_{000}^{(21)})^2 m_{002}^{(11)} m_{401}^{(10)} + (m_{000}^{(21)})^2 m_{002}^{(11)} m_{311}^{(00)} - (m_{000}^{(21)})^2 m_{002}^{(20)} m_{410}^{(11)} \\
&+2(m_{000}^{(21)})^2 m_{002}^{(20)} m_{320}^{(10)} - (m_{000}^{(21)})^2 m_{002}^{(20)} m_{230}^{(00)} + (m_{000}^{(21)})^2 m_{002}^{(21)} m_{500}^{(11)} \\
&-2(m_{000}^{(21)})^2 m_{002}^{(21)} m_{410}^{(10)} + (m_{000}^{(21)})^2 m_{002}^{(21)} m_{320}^{(00)} + m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(00)} m_{200}^{(22)} m_{140}^{(22)} \\
&+2m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(00)} m_{200}^{(21)} m_{131}^{(21)} - 3m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(00)} m_{200}^{(11)} m_{122}^{(11)} - 4m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(00)} m_{200}^{(20)} m_{041}^{(20)} \\
&+4m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(00)} m_{200}^{(10)} m_{032}^{(10)} - 2m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(10)} m_{200}^{(22)} m_{230}^{(22)} - 2m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(10)} m_{200}^{(21)} m_{221}^{(21)} \\
&+4m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(10)} m_{200}^{(11)} m_{212}^{(11)} + 6m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(10)} m_{200}^{(20)} m_{131}^{(20)} - 6m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(10)} m_{200}^{(10)} m_{122}^{(10)} \\
&+m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(11)} m_{200}^{(22)} m_{320}^{(22)} - m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(11)} m_{200}^{(11)} m_{302}^{(11)} - 2m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(11)} m_{200}^{(20)} m_{221}^{(20)} \\
&+2m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(11)} m_{200}^{(10)} m_{212}^{(10)} - 2m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(20)} m_{200}^{(21)} m_{230}^{(21)} + 2m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(20)} m_{200}^{(11)} m_{221}^{(11)} \\
&+2m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(20)} m_{200}^{(20)} m_{140}^{(20)} - 2m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(20)} m_{200}^{(10)} m_{131}^{(10)} + 2m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(21)} m_{200}^{(21)} m_{320}^{(21)} \\
&-2m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(21)} m_{200}^{(11)} m_{311}^{(11)} - 2m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(21)} m_{200}^{(20)} m_{230}^{(20)} + 2m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(21)} m_{200}^{(10)} m_{221}^{(10)} \\
&-2m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(00)} m_{110}^{(22)} m_{230}^{(22)} - 4m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(00)} m_{110}^{(21)} m_{221}^{(21)} + 2m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(00)} m_{110}^{(11)} m_{212}^{(11)} \\
&+8m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(00)} m_{110}^{(20)} m_{131}^{(20)} - 4m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(00)} m_{110}^{(00)} m_{032}^{(00)} + 4m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(10)} m_{110}^{(22)} m_{320}^{(22)} \\
&+4m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(10)} m_{110}^{(21)} m_{311}^{(21)} - 2m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(10)} m_{110}^{(11)} m_{302}^{(11)} - 12m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(10)} m_{110}^{(20)} m_{221}^{(20)} \\
&+6m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(10)} m_{110}^{(00)} m_{122}^{(00)} - 2m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(11)} m_{110}^{(22)} m_{410}^{(22)} + 4m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(11)} m_{110}^{(20)} m_{311}^{(20)} \\
&-2m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(11)} m_{110}^{(00)} m_{212}^{(00)} + 4m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(20)} m_{110}^{(21)} m_{320}^{(21)} - 2m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(20)} m_{110}^{(11)} m_{311}^{(11)} \\
&-4m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(20)} m_{110}^{(20)} m_{230}^{(20)} + 2m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(20)} m_{110}^{(00)} m_{131}^{(00)} - 4m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(21)} m_{110}^{(21)} m_{410}^{(21)} \\
&+2m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(21)} m_{110}^{(11)} m_{401}^{(11)} + 4m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(21)} m_{110}^{(20)} m_{320}^{(20)} - 2m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(21)} m_{110}^{(00)} m_{221}^{(00)} \\
&+4m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(00)} m_{101}^{(11)} m_{221}^{(11)} - 8m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(00)} m_{101}^{(10)} m_{131}^{(10)} + 4m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(00)} m_{101}^{(00)} m_{041}^{(00)} \\
&-6m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(10)} m_{101}^{(11)} m_{311}^{(11)} + 12m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(10)} m_{101}^{(10)} m_{221}^{(10)} - 6m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(10)} m_{101}^{(00)} m_{131}^{(00)} \\
&+2m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(11)} m_{101}^{(11)} m_{401}^{(11)} - 4m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(11)} m_{101}^{(10)} m_{311}^{(10)} + 2m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(11)} m_{101}^{(00)} m_{221}^{(00)} \\
&-2m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(20)} m_{101}^{(11)} m_{320}^{(11)} + 4m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(20)} m_{101}^{(10)} m_{230}^{(10)} - 2m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(20)} m_{101}^{(00)} m_{140}^{(00)} \\
&+2m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(21)} m_{101}^{(11)} m_{410}^{(11)} - 4m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(21)} m_{101}^{(10)} m_{320}^{(10)} + 2m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(21)} m_{101}^{(00)} m_{230}^{(00)} \\
&+m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(00)} m_{020}^{(22)} m_{320}^{(22)} + 2m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(00)} m_{020}^{(21)} m_{311}^{(21)} - 4m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(00)} m_{020}^{(20)} m_{221}^{(20)} \\
&-2m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(00)} m_{020}^{(10)} m_{212}^{(10)} + 3m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(00)} m_{020}^{(00)} m_{122}^{(00)} - 2m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(10)} m_{020}^{(22)} m_{410}^{(22)} \\
&-2m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(10)} m_{020}^{(21)} m_{401}^{(21)} + 6m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(10)} m_{020}^{(20)} m_{311}^{(20)} + 2m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(10)} m_{020}^{(10)} m_{302}^{(10)} \\
&-4m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(10)} m_{020}^{(00)} m_{212}^{(00)} + m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(11)} m_{020}^{(22)} m_{500}^{(22)} - 2m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(11)} m_{020}^{(20)} m_{401}^{(20)} \\
&+m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(11)} m_{020}^{(00)} m_{302}^{(00)} - 2m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(20)} m_{020}^{(21)} m_{410}^{(21)} + 2m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(20)} m_{020}^{(20)} m_{320}^{(20)} \\
&+2m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(20)} m_{020}^{(10)} m_{311}^{(10)} - 2m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(20)} m_{020}^{(00)} m_{221}^{(00)} + 2m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(21)} m_{020}^{(21)} m_{500}^{(21)} \\
&-2m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(21)} m_{020}^{(20)} m_{410}^{(20)} - 2m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(21)} m_{020}^{(10)} m_{401}^{(10)} + 2m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(21)} m_{020}^{(00)} m_{311}^{(00)} \\
&-2m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(00)} m_{011}^{(11)} m_{311}^{(11)} + 4m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(00)} m_{011}^{(10)} m_{221}^{(10)} - 2m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(00)} m_{011}^{(00)} m_{131}^{(00)} \\
&+2m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(10)} m_{011}^{(11)} m_{401}^{(11)} - 4m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(10)} m_{011}^{(10)} m_{311}^{(10)} + 2m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(10)} m_{011}^{(00)} m_{221}^{(00)} \\
&+2m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(20)} m_{011}^{(11)} m_{410}^{(11)} - 4m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(20)} m_{011}^{(10)} m_{320}^{(10)} + 2m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(20)} m_{011}^{(00)} m_{230}^{(00)} \\
&-2m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(21)} m_{011}^{(11)} m_{500}^{(11)} + 4m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(21)} m_{011}^{(10)} m_{410}^{(10)} - 2m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(21)} m_{011}^{(00)} m_{320}^{(00)} \\
&-m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(00)} m_{002}^{(11)} m_{320}^{(11)} + 2m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(00)} m_{002}^{(10)} m_{230}^{(10)} - m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(00)} m_{002}^{(00)} m_{140}^{(00)} \\
&+2m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(10)} m_{002}^{(11)} m_{410}^{(11)} - 4m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(10)} m_{002}^{(10)} m_{320}^{(10)} + 2m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(10)} m_{002}^{(00)} m_{230}^{(00)} \\
&-m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(11)} m_{002}^{(11)} m_{500}^{(11)} + 2m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(11)} m_{002}^{(10)} m_{410}^{(10)} - m_{000}^{(21)} m_{000}^{(22)} m_{000}^{(11)} m_{002}^{(00)} m_{320}^{(00)} \\
&-(m_{000}^{(22)})^2 m_{200}^{(00)} m_{140}^{(21)} + (m_{000}^{(22)})^2 m_{200}^{(00)} m_{131}^{(11)} + (m_{000}^{(22)})^2 m_{200}^{(00)} m_{050}^{(20)} \\
&-(m_{000}^{(22)})^2 m_{200}^{(00)} m_{041}^{(10)} + 2(m_{000}^{(22)})^2 m_{200}^{(10)} m_{230}^{(21)} - 2(m_{000}^{(22)})^2 m_{200}^{(10)} m_{221}^{(11)}
\end{aligned}
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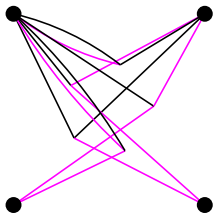
\begin{aligned}
&-2(m_{000}^{(22)})^2 m_{200}^{(10)} m_{140}^{(20)} + 2(m_{000}^{(22)})^2 m_{200}^{(10)} m_{131}^{(10)} - (m_{000}^{(22)})^2 m_{200}^{(11)} m_{320}^{(21)} \\
&+(m_{000}^{(22)})^2 m_{200}^{(11)} m_{311}^{(11)} + (m_{000}^{(22)})^2 m_{200}^{(11)} m_{230}^{(20)} - (m_{000}^{(22)})^2 m_{200}^{(11)} m_{221}^{(10)} \\
&+2(m_{000}^{(22)})^2 m_{110}^{(00)} m_{230}^{(21)} - (m_{000}^{(22)})^2 m_{110}^{(00)} m_{221}^{(11)} - 2(m_{000}^{(22)})^2 m_{110}^{(00)} m_{140}^{(20)} \\
&+(m_{000}^{(22)})^2 m_{110}^{(00)} m_{041}^{(00)} - 4(m_{000}^{(22)})^2 m_{110}^{(10)} m_{320}^{(21)} + 2(m_{000}^{(22)})^2 m_{110}^{(10)} m_{311}^{(11)} \\
&+4(m_{000}^{(22)})^2 m_{110}^{(10)} m_{230}^{(20)} - 2(m_{000}^{(22)})^2 m_{110}^{(10)} m_{131}^{(00)} + 2(m_{000}^{(22)})^2 m_{110}^{(11)} m_{410}^{(21)} \\
&-(m_{000}^{(22)})^2 m_{110}^{(11)} m_{401}^{(11)} - 2(m_{000}^{(22)})^2 m_{110}^{(11)} m_{320}^{(20)} + (m_{000}^{(22)})^2 m_{110}^{(11)} m_{221}^{(00)} \\
&-(m_{000}^{(22)})^2 m_{101}^{(00)} m_{230}^{(11)} + 2(m_{000}^{(22)})^2 m_{101}^{(00)} m_{140}^{(10)} - (m_{000}^{(22)})^2 m_{101}^{(00)} m_{050}^{(00)} \\
&+2(m_{000}^{(22)})^2 m_{101}^{(10)} m_{320}^{(11)} - 4(m_{000}^{(22)})^2 m_{101}^{(10)} m_{230}^{(10)} + 2(m_{000}^{(22)})^2 m_{101}^{(10)} m_{140}^{(00)} \\
&-(m_{000}^{(22)})^2 m_{101}^{(11)} m_{410}^{(11)} + 2(m_{000}^{(22)})^2 m_{101}^{(11)} m_{320}^{(10)} - (m_{000}^{(22)})^2 m_{101}^{(11)} m_{230}^{(00)} \\
&-(m_{000}^{(22)})^2 m_{020}^{(00)} m_{320}^{(21)} + (m_{000}^{(22)})^2 m_{020}^{(00)} m_{230}^{(20)} + (m_{000}^{(22)})^2 m_{020}^{(00)} m_{221}^{(10)} \\
&-(m_{000}^{(22)})^2 m_{020}^{(00)} m_{131}^{(00)} + 2(m_{000}^{(22)})^2 m_{020}^{(10)} m_{410}^{(21)} - 2(m_{000}^{(22)})^2 m_{020}^{(10)} m_{320}^{(20)} \\
&-2(m_{000}^{(22)})^2 m_{020}^{(10)} m_{311}^{(10)} + 2(m_{000}^{(22)})^2 m_{020}^{(10)} m_{221}^{(00)} - (m_{000}^{(22)})^2 m_{020}^{(11)} m_{500}^{(21)} \\
&+(m_{000}^{(22)})^2 m_{020}^{(11)} m_{410}^{(20)} + (m_{000}^{(22)})^2 m_{020}^{(11)} m_{401}^{(10)} - (m_{000}^{(22)})^2 m_{020}^{(11)} m_{311}^{(00)} \\
&+(m_{000}^{(22)})^2 m_{011}^{(00)} m_{320}^{(11)} - 2(m_{000}^{(22)})^2 m_{011}^{(00)} m_{230}^{(10)} + (m_{000}^{(22)})^2 m_{011}^{(00)} m_{140}^{(00)} \\
&-2(m_{000}^{(22)})^2 m_{011}^{(10)} m_{410}^{(11)} + 4(m_{000}^{(22)})^2 m_{011}^{(10)} m_{320}^{(10)} - 2(m_{000}^{(22)})^2 m_{011}^{(10)} m_{230}^{(00)} \\
&+(m_{000}^{(22)})^2 m_{011}^{(11)} m_{500}^{(11)} - 2(m_{000}^{(22)})^2 m_{011}^{(11)} m_{410}^{(10)} + (m_{000}^{(22)})^2 m_{011}^{(11)} m_{320}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{rrrrr}
V1 & V1 & V2 & 2 & 2 \\
V2 & 2 & 2 & V3 & 3 \\
2 & V3 & 3 & V4 & V4
\end{array}
$$



$$
\begin{aligned}
T_{196} \;=\; &-(m_{000}^{(00)})^2 m_{020}^{(10)} m_{023}^{(22)} + 2(m_{000}^{(00)})^2 m_{020}^{(10)} m_{014}^{(21)} - (m_{000}^{(00)})^2 m_{020}^{(10)} m_{005}^{(11)} \\
&+(m_{000}^{(00)})^2 m_{020}^{(11)} m_{113}^{(22)} - (m_{000}^{(00)})^2 m_{020}^{(11)} m_{104}^{(21)} - (m_{000}^{(00)})^2 m_{020}^{(11)} m_{014}^{(20)} \\
&+(m_{000}^{(00)})^2 m_{020}^{(11)} m_{005}^{(10)} + (m_{000}^{(00)})^2 m_{020}^{(20)} m_{032}^{(22)} - 2(m_{000}^{(00)})^2 m_{020}^{(20)} m_{023}^{(21)} \\
&+(m_{000}^{(00)})^2 m_{020}^{(20)} m_{014}^{(11)} - (m_{000}^{(00)})^2 m_{020}^{(21)} m_{122}^{(22)} + (m_{000}^{(00)})^2 m_{020}^{(21)} m_{104}^{(11)} \\
&+2(m_{000}^{(00)})^2 m_{020}^{(21)} m_{023}^{(20)} - 2(m_{000}^{(00)})^2 m_{020}^{(21)} m_{014}^{(10)} + (m_{000}^{(00)})^2 m_{020}^{(22)} m_{122}^{(21)} \\
&-(m_{000}^{(00)})^2 m_{020}^{(22)} m_{113}^{(11)} - (m_{000}^{(00)})^2 m_{020}^{(22)} m_{032}^{(20)} + (m_{000}^{(00)})^2 m_{020}^{(22)} m_{023}^{(10)} \\
&+2(m_{000}^{(00)})^2 m_{011}^{(10)} m_{032}^{(22)} - 4(m_{000}^{(00)})^2 m_{011}^{(10)} m_{023}^{(21)} + 2(m_{000}^{(00)})^2 m_{011}^{(10)} m_{014}^{(11)}
\end{aligned}
$$

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\begin{aligned}
&-2(m_{000}^{(00)})^2 m_{011}^{(11)} m_{122}^{(22)} + 2(m_{000}^{(00)})^2 m_{011}^{(11)} m_{113}^{(21)} + 2(m_{000}^{(00)})^2 m_{011}^{(11)} m_{023}^{(20)} \\
&-2(m_{000}^{(00)})^2 m_{011}^{(11)} m_{014}^{(10)} - 2(m_{000}^{(00)})^2 m_{011}^{(20)} m_{041}^{(22)} + 4(m_{000}^{(00)})^2 m_{011}^{(20)} m_{032}^{(21)} \\
&-2(m_{000}^{(00)})^2 m_{011}^{(20)} m_{023}^{(11)} + 2(m_{000}^{(00)})^2 m_{011}^{(21)} m_{131}^{(22)} - 2(m_{000}^{(00)})^2 m_{011}^{(21)} m_{113}^{(11)} \\
&-4(m_{000}^{(00)})^2 m_{011}^{(21)} m_{032}^{(20)} + 4(m_{000}^{(00)})^2 m_{011}^{(21)} m_{023}^{(10)} - 2(m_{000}^{(00)})^2 m_{011}^{(22)} m_{131}^{(21)} \\
&+2(m_{000}^{(00)})^2 m_{011}^{(22)} m_{122}^{(11)} + 2(m_{000}^{(00)})^2 m_{011}^{(22)} m_{041}^{(20)} - 2(m_{000}^{(00)})^2 m_{011}^{(22)} m_{032}^{(10)} \\
&-(m_{000}^{(00)})^2 m_{002}^{(10)} m_{041}^{(22)} + 2(m_{000}^{(00)})^2 m_{002}^{(10)} m_{032}^{(21)} - (m_{000}^{(00)})^2 m_{002}^{(10)} m_{023}^{(11)} \\
&+(m_{000}^{(00)})^2 m_{002}^{(11)} m_{131}^{(22)} - (m_{000}^{(00)})^2 m_{002}^{(11)} m_{122}^{(21)} - (m_{000}^{(00)})^2 m_{002}^{(11)} m_{032}^{(20)} \\
&+(m_{000}^{(00)})^2 m_{002}^{(11)} m_{023}^{(10)} + (m_{000}^{(00)})^2 m_{002}^{(20)} m_{050}^{(22)} - 2(m_{000}^{(00)})^2 m_{002}^{(20)} m_{041}^{(21)} \\
&+(m_{000}^{(00)})^2 m_{002}^{(20)} m_{032}^{(11)} - (m_{000}^{(00)})^2 m_{002}^{(21)} m_{140}^{(22)} + (m_{000}^{(00)})^2 m_{002}^{(21)} m_{122}^{(11)} \\
&+2(m_{000}^{(00)})^2 m_{002}^{(21)} m_{041}^{(20)} - 2(m_{000}^{(00)})^2 m_{002}^{(21)} m_{032}^{(10)} + (m_{000}^{(00)})^2 m_{002}^{(22)} m_{140}^{(21)} \\
&-(m_{000}^{(00)})^2 m_{002}^{(22)} m_{131}^{(11)} - (m_{000}^{(00)})^2 m_{002}^{(22)} m_{050}^{(20)} + (m_{000}^{(00)})^2 m_{002}^{(22)} m_{041}^{(10)} \\
&+2m_{000}^{(00)} m_{000}^{(10)} m_{110}^{(10)} m_{023}^{(22)} - 4m_{000}^{(00)} m_{000}^{(10)} m_{110}^{(10)} m_{014}^{(21)} + 2m_{000}^{(00)} m_{000}^{(10)} m_{110}^{(10)} m_{005}^{(11)} \\
&-2m_{000}^{(00)} m_{000}^{(10)} m_{110}^{(11)} m_{113}^{(22)} + 2m_{000}^{(00)} m_{000}^{(10)} m_{110}^{(11)} m_{104}^{(21)} + 2m_{000}^{(00)} m_{000}^{(10)} m_{110}^{(11)} m_{014}^{(20)} \\
&-2m_{000}^{(00)} m_{000}^{(10)} m_{110}^{(11)} m_{005}^{(10)} - 2m_{000}^{(00)} m_{000}^{(10)} m_{110}^{(20)} m_{032}^{(22)} + 4m_{000}^{(00)} m_{000}^{(10)} m_{110}^{(20)} m_{023}^{(21)} \\
&-2m_{000}^{(00)} m_{000}^{(10)} m_{110}^{(20)} m_{014}^{(11)} + 2m_{000}^{(00)} m_{000}^{(10)} m_{110}^{(21)} m_{122}^{(22)} - 2m_{000}^{(00)} m_{000}^{(10)} m_{110}^{(21)} m_{104}^{(11)} \\
&-4m_{000}^{(00)} m_{000}^{(10)} m_{110}^{(21)} m_{023}^{(20)} + 4m_{000}^{(00)} m_{000}^{(10)} m_{110}^{(21)} m_{014}^{(10)} - 2m_{000}^{(00)} m_{000}^{(10)} m_{110}^{(22)} m_{122}^{(21)} \\
&+2m_{000}^{(00)} m_{000}^{(10)} m_{110}^{(22)} m_{113}^{(11)} + 2m_{000}^{(00)} m_{000}^{(10)} m_{110}^{(22)} m_{032}^{(20)} - 2m_{000}^{(00)} m_{000}^{(10)} m_{110}^{(22)} m_{023}^{(10)} \\
&-2m_{000}^{(00)} m_{000}^{(10)} m_{101}^{(10)} m_{032}^{(22)} + 4m_{000}^{(00)} m_{000}^{(10)} m_{101}^{(10)} m_{023}^{(21)} - 2m_{000}^{(00)} m_{000}^{(10)} m_{101}^{(10)} m_{014}^{(11)} \\
&+2m_{000}^{(00)} m_{000}^{(10)} m_{101}^{(11)} m_{122}^{(22)} - 2m_{000}^{(00)} m_{000}^{(10)} m_{101}^{(11)} m_{113}^{(21)} - 2m_{000}^{(00)} m_{000}^{(10)} m_{101}^{(11)} m_{023}^{(20)} \\
&+2m_{000}^{(00)} m_{000}^{(10)} m_{101}^{(11)} m_{014}^{(10)} + 2m_{000}^{(00)} m_{000}^{(10)} m_{101}^{(20)} m_{041}^{(22)} - 4m_{000}^{(00)} m_{000}^{(10)} m_{101}^{(20)} m_{032}^{(21)} \\
&+2m_{000}^{(00)} m_{000}^{(10)} m_{101}^{(20)} m_{023}^{(11)} - 2m_{000}^{(00)} m_{000}^{(10)} m_{101}^{(21)} m_{131}^{(22)} + 2m_{000}^{(00)} m_{000}^{(10)} m_{101}^{(21)} m_{113}^{(11)} \\
&+4m_{000}^{(00)} m_{000}^{(10)} m_{101}^{(21)} m_{032}^{(20)} - 4m_{000}^{(00)} m_{000}^{(10)} m_{101}^{(21)} m_{023}^{(10)} + 2m_{000}^{(00)} m_{000}^{(10)} m_{101}^{(22)} m_{131}^{(21)} \\
&-2m_{000}^{(00)} m_{000}^{(10)} m_{101}^{(22)} m_{122}^{(11)} - 2m_{000}^{(00)} m_{000}^{(10)} m_{101}^{(22)} m_{041}^{(20)} + 2m_{000}^{(00)} m_{000}^{(10)} m_{101}^{(22)} m_{032}^{(10)} \\
&+m_{000}^{(00)} m_{000}^{(10)} m_{020}^{(00)} m_{023}^{(22)} - 2m_{000}^{(00)} m_{000}^{(10)} m_{020}^{(00)} m_{014}^{(21)} + m_{000}^{(00)} m_{000}^{(10)} m_{020}^{(00)} m_{005}^{(11)} \\
&-m_{000}^{(00)} m_{000}^{(10)} m_{020}^{(11)} m_{203}^{(22)} + 2m_{000}^{(00)} m_{000}^{(10)} m_{020}^{(11)} m_{104}^{(20)} - m_{000}^{(00)} m_{000}^{(10)} m_{020}^{(11)} m_{005}^{(00)} \\
&-2m_{000}^{(00)} m_{000}^{(10)} m_{020}^{(20)} m_{122}^{(22)} + 4m_{000}^{(00)} m_{000}^{(10)} m_{020}^{(20)} m_{113}^{(21)} - 2m_{000}^{(00)} m_{000}^{(10)} m_{020}^{(20)} m_{104}^{(11)} \\
&+2m_{000}^{(00)} m_{000}^{(10)} m_{020}^{(21)} m_{212}^{(22)} - 4m_{000}^{(00)} m_{000}^{(10)} m_{020}^{(21)} m_{113}^{(20)} + 2m_{000}^{(00)} m_{000}^{(10)} m_{020}^{(21)} m_{014}^{(00)} \\
&-2m_{000}^{(00)} m_{000}^{(10)} m_{020}^{(22)} m_{212}^{(21)} + m_{000}^{(00)} m_{000}^{(10)} m_{020}^{(22)} m_{203}^{(11)} + 2m_{000}^{(00)} m_{000}^{(10)} m_{020}^{(22)} m_{122}^{(20)} \\
&-m_{000}^{(00)} m_{000}^{(10)} m_{020}^{(22)} m_{023}^{(00)} - 2m_{000}^{(00)} m_{000}^{(10)} m_{011}^{(00)} m_{032}^{(22)} + 4m_{000}^{(00)} m_{000}^{(10)} m_{011}^{(00)} m_{023}^{(21)} \\
&-2m_{000}^{(00)} m_{000}^{(10)} m_{011}^{(00)} m_{014}^{(11)} - 2m_{000}^{(00)} m_{000}^{(10)} m_{011}^{(10)} m_{122}^{(22)} + 4m_{000}^{(00)} m_{000}^{(10)} m_{011}^{(10)} m_{113}^{(21)} \\
&-2m_{000}^{(00)} m_{000}^{(10)} m_{011}^{(10)} m_{104}^{(11)} + 4m_{000}^{(00)} m_{000}^{(10)} m_{011}^{(11)} m_{212}^{(22)} - 2m_{000}^{(00)} m_{000}^{(10)} m_{011}^{(11)} m_{203}^{(21)} \\
&-6m_{000}^{(00)} m_{000}^{(10)} m_{011}^{(11)} m_{113}^{(20)} + 2m_{000}^{(00)} m_{000}^{(10)} m_{011}^{(11)} m_{104}^{(10)} + 2m_{000}^{(00)} m_{000}^{(10)} m_{011}^{(11)} m_{014}^{(00)} \\
&+6m_{000}^{(00)} m_{000}^{(10)} m_{011}^{(20)} m_{131}^{(22)} - 12m_{000}^{(00)} m_{000}^{(10)} m_{011}^{(20)} m_{122}^{(21)} + 6m_{000}^{(00)} m_{000}^{(10)} m_{011}^{(20)} m_{113}^{(11)} \\
&-6m_{000}^{(00)} m_{000}^{(10)} m_{011}^{(21)} m_{221}^{(22)} + 2m_{000}^{(00)} m_{000}^{(10)} m_{011}^{(21)} m_{203}^{(11)} + 12m_{000}^{(00)} m_{000}^{(10)} m_{011}^{(21)} m_{122}^{(20)} \\
&-4m_{000}^{(00)} m_{000}^{(10)} m_{011}^{(21)} m_{113}^{(10)} - 4m_{000}^{(00)} m_{000}^{(10)} m_{011}^{(21)} m_{023}^{(00)} + 6m_{000}^{(00)} m_{000}^{(10)} m_{011}^{(22)} m_{221}^{(21)} \\
&-4m_{000}^{(00)} m_{000}^{(10)} m_{011}^{(22)} m_{212}^{(11)} - 6m_{000}^{(00)} m_{000}^{(10)} m_{011}^{(22)} m_{131}^{(20)} + 2m_{000}^{(00)} m_{000}^{(10)} m_{011}^{(22)} m_{122}^{(10)} \\
&+2m_{000}^{(00)} m_{000}^{(10)} m_{011}^{(22)} m_{032}^{(00)} + m_{000}^{(00)} m_{000}^{(10)} m_{002}^{(00)} m_{041}^{(22)} - 2m_{000}^{(00)} m_{000}^{(10)} m_{002}^{(00)} m_{032}^{(21)} \\
&+m_{000}^{(00)} m_{000}^{(10)} m_{002}^{(00)} m_{023}^{(11)} + 2m_{000}^{(00)} m_{000}^{(10)} m_{002}^{(10)} m_{131}^{(22)} - 4m_{000}^{(00)} m_{000}^{(10)} m_{002}^{(10)} m_{122}^{(21)}
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&+2m_{000}^{(00)}m_{000}^{(10)}m_{002}^{(10)}m_{113}^{(11)} - 3m_{000}^{(00)}m_{000}^{(10)}m_{002}^{(11)}m_{221}^{(22)} + 2m_{000}^{(00)}m_{000}^{(10)}m_{002}^{(11)}m_{212}^{(21)}\\
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&-m_{000}^{(00)}m_{000}^{(11)}m_{200}^{(11)}m_{014}^{(20)} + m_{000}^{(00)}m_{000}^{(11)}m_{200}^{(11)}m_{005}^{(10)} + m_{000}^{(00)}m_{000}^{(11)}m_{200}^{(20)}m_{032}^{(22)}\\
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&+m_{000}^{(00)}m_{000}^{(11)}m_{200}^{(21)}m_{104}^{(11)} + 2m_{000}^{(00)}m_{000}^{(11)}m_{200}^{(21)}m_{023}^{(20)} - 2m_{000}^{(00)}m_{000}^{(11)}m_{200}^{(21)}m_{014}^{(10)}\\
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&+m_{000}^{(00)}m_{000}^{(11)}m_{020}^{(00)}m_{014}^{(20)} - m_{000}^{(00)}m_{000}^{(11)}m_{020}^{(00)}m_{005}^{(10)} + m_{000}^{(00)}m_{000}^{(11)}m_{020}^{(10)}m_{203}^{(22)}\\
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&-2m_{000}^{(00)}m_{000}^{(11)}m_{011}^{(00)}m_{023}^{(20)} + 2m_{000}^{(00)}m_{000}^{(11)}m_{011}^{(00)}m_{014}^{(10)} - 2m_{000}^{(00)}m_{000}^{(11)}m_{011}^{(10)}m_{212}^{(22)}\\
&+4m_{000}^{(00)}m_{000}^{(11)}m_{011}^{(10)}m_{113}^{(20)} - 2m_{000}^{(00)}m_{000}^{(11)}m_{011}^{(10)}m_{014}^{(00)} - 2m_{000}^{(00)}m_{000}^{(11)}m_{011}^{(20)}m_{221}^{(22)}\\
&+4m_{000}^{(00)}m_{000}^{(11)}m_{011}^{(20)}m_{212}^{(21)} - 4m_{000}^{(00)}m_{000}^{(11)}m_{011}^{(20)}m_{113}^{(10)} + 2m_{000}^{(00)}m_{000}^{(11)}m_{011}^{(20)}m_{023}^{(00)}\\
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&-2m_{000}^{(00)}m_{000}^{(11)}m_{011}^{(22)}m_{122}^{(00)} - m_{000}^{(00)}m_{000}^{(11)}m_{002}^{(00)}m_{131}^{(22)} + m_{000}^{(00)}m_{000}^{(11)}m_{002}^{(00)}m_{122}^{(21)}\\
&+m_{000}^{(00)}m_{000}^{(11)}m_{002}^{(00)}m_{032}^{(20)} - m_{000}^{(00)}m_{000}^{(11)}m_{002}^{(00)}m_{023}^{(10)} + 2m_{000}^{(00)}m_{000}^{(11)}m_{002}^{(10)}m_{212}^{(21)}\\
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&+m_{000}^{(00)}m_{000}^{(11)}m_{002}^{(11)}m_{203}^{(10)} + 2m_{000}^{(00)}m_{000}^{(11)}m_{002}^{(20)}m_{230}^{(22)} - 4m_{000}^{(00)}m_{000}^{(11)}m_{002}^{(20)}m_{221}^{(21)}\\
&+m_{000}^{(00)}m_{000}^{(11)}m_{002}^{(20)}m_{212}^{(11)} + 2m_{000}^{(00)}m_{000}^{(11)}m_{002}^{(20)}m_{122}^{(10)} - m_{000}^{(00)}m_{000}^{(11)}m_{002}^{(20)}m_{032}^{(00)}\\
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&-2m_{000}^{(00)}m_{000}^{(20)}m_{110}^{(10)}m_{032}^{(22)} + 4m_{000}^{(00)}m_{000}^{(20)}m_{110}^{(10)}m_{023}^{(21)} - 2m_{000}^{(00)}m_{000}^{(20)}m_{110}^{(10)}m_{014}^{(11)}\\
&+2m_{000}^{(00)}m_{000}^{(20)}m_{110}^{(11)}m_{122}^{(22)} - 2m_{000}^{(00)}m_{000}^{(20)}m_{110}^{(11)}m_{113}^{(21)} - 2m_{000}^{(00)}m_{000}^{(20)}m_{110}^{(11)}m_{023}^{(20)}\\
&+2m_{000}^{(00)}m_{000}^{(20)}m_{110}^{(11)}m_{014}^{(10)} + 2m_{000}^{(00)}m_{000}^{(20)}m_{110}^{(20)}m_{041}^{(22)} - 4m_{000}^{(00)}m_{000}^{(20)}m_{110}^{(20)}m_{032}^{(21)}\\
&+2m_{000}^{(00)}m_{000}^{(20)}m_{110}^{(20)}m_{023}^{(11)} - 2m_{000}^{(00)}m_{000}^{(20)}m_{110}^{(21)}m_{131}^{(22)} + 2m_{000}^{(00)}m_{000}^{(20)}m_{110}^{(21)}m_{113}^{(11)}\\
&+4m_{000}^{(00)}m_{000}^{(20)}m_{110}^{(21)}m_{032}^{(20)} - 4m_{000}^{(00)}m_{000}^{(20)}m_{110}^{(21)}m_{023}^{(10)} + 2m_{000}^{(00)}m_{000}^{(20)}m_{110}^{(22)}m_{131}^{(21)}\\
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&+2m_{000}^{(00)}m_{000}^{(20)}m_{101}^{(10)}m_{041}^{(22)} - 4m_{000}^{(00)}m_{000}^{(20)}m_{101}^{(10)}m_{032}^{(21)} + 2m_{000}^{(00)}m_{000}^{(20)}m_{101}^{(10)}m_{023}^{(11)}\\
&-2m_{000}^{(00)}m_{000}^{(20)}m_{101}^{(11)}m_{131}^{(22)} + 2m_{000}^{(00)}m_{000}^{(20)}m_{101}^{(11)}m_{122}^{(21)} + 2m_{000}^{(00)}m_{000}^{(20)}m_{101}^{(11)}m_{032}^{(20)}\\
&-2m_{000}^{(00)}m_{000}^{(20)}m_{101}^{(11)}m_{023}^{(10)} - 2m_{000}^{(00)}m_{000}^{(20)}m_{101}^{(20)}m_{050}^{(22)} + 4m_{000}^{(00)}m_{000}^{(20)}m_{101}^{(20)}m_{041}^{(21)}\\
&-2m_{000}^{(00)}m_{000}^{(20)}m_{101}^{(20)}m_{032}^{(11)} + 2m_{000}^{(00)}m_{000}^{(20)}m_{101}^{(21)}m_{140}^{(22)} - 2m_{000}^{(00)}m_{000}^{(20)}m_{101}^{(21)}m_{122}^{(11)}\\
&-4m_{000}^{(00)}m_{000}^{(20)}m_{101}^{(21)}m_{041}^{(20)} + 4m_{000}^{(00)}m_{000}^{(20)}m_{101}^{(21)}m_{032}^{(10)} - 2m_{000}^{(00)}m_{000}^{(20)}m_{101}^{(22)}m_{140}^{(21)}\\
&+2m_{000}^{(00)}m_{000}^{(20)}m_{101}^{(22)}m_{131}^{(11)} + 2m_{000}^{(00)}m_{000}^{(20)}m_{101}^{(22)}m_{050}^{(20)} - 2m_{000}^{(00)}m_{000}^{(20)}m_{101}^{(22)}m_{041}^{(10)}\\
&-m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(00)}m_{032}^{(22)} + 2m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(00)}m_{023}^{(21)} - m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(00)}m_{014}^{(11)}\\
&+4m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(10)}m_{122}^{(22)} - 8m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(10)}m_{113}^{(21)} + 4m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(10)}m_{104}^{(11)}\\
&-3m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(11)}m_{212}^{(22)} + 4m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(11)}m_{203}^{(21)} + 2m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(11)}m_{113}^{(20)}\\
&-4m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(11)}m_{104}^{(10)} + m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(11)}m_{014}^{(00)} - 2m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(20)}m_{131}^{(22)}\\
&+4m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(20)}m_{122}^{(21)} - 2m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(20)}m_{113}^{(11)} + 2m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(21)}m_{221}^{(22)}\\
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&-2m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(21)}m_{023}^{(00)} - 2m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(22)}m_{221}^{(21)} + 3m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(22)}m_{212}^{(11)}\\
&+2m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(22)}m_{131}^{(20)} - 4m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(22)}m_{122}^{(10)} + m_{000}^{(00)}m_{000}^{(20)}m_{020}^{(22)}m_{032}^{(00)}\\
&+2m_{000}^{(00)}m_{000}^{(20)}m_{011}^{(00)}m_{041}^{(22)} - 4m_{000}^{(00)}m_{000}^{(20)}m_{011}^{(00)}m_{032}^{(21)} + 2m_{000}^{(00)}m_{000}^{(20)}m_{011}^{(00)}m_{023}^{(11)}\\
&-6m_{000}^{(00)}m_{000}^{(20)}m_{011}^{(10)}m_{131}^{(22)} + 12m_{000}^{(00)}m_{000}^{(20)}m_{011}^{(10)}m_{122}^{(21)} - 6m_{000}^{(00)}m_{000}^{(20)}m_{011}^{(10)}m_{113}^{(11)}\\
&+4m_{000}^{(00)}m_{000}^{(20)}m_{011}^{(11)}m_{221}^{(22)} - 6m_{000}^{(00)}m_{000}^{(20)}m_{011}^{(11)}m_{212}^{(21)} - 2m_{000}^{(00)}m_{000}^{(20)}m_{011}^{(11)}m_{122}^{(20)}\\
&+6m_{000}^{(00)}m_{000}^{(20)}m_{011}^{(11)}m_{113}^{(10)} - 2m_{000}^{(00)}m_{000}^{(20)}m_{011}^{(11)}m_{023}^{(00)} + 2m_{000}^{(00)}m_{000}^{(20)}m_{011}^{(20)}m_{140}^{(22)}\\
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&+6m_{000}^{(00)}m_{000}^{(20)}m_{011}^{(21)}m_{212}^{(11)} + 4m_{000}^{(00)}m_{000}^{(20)}m_{011}^{(21)}m_{131}^{(20)} - 12m_{000}^{(00)}m_{000}^{(20)}m_{011}^{(21)}m_{122}^{(10)}\\
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&+2m_{000}^{(00)}m_{000}^{(20)}m_{002}^{(10)}m_{140}^{(22)} - 4m_{000}^{(00)}m_{000}^{(20)}m_{002}^{(10)}m_{131}^{(21)} + 2m_{000}^{(00)}m_{000}^{(20)}m_{002}^{(10)}m_{122}^{(11)}\\
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&+2m_{000}^{(00)}m_{000}^{(21)}m_{200}^{(10)}m_{014}^{(11)} - 2m_{000}^{(00)}m_{000}^{(21)}m_{200}^{(11)}m_{122}^{(22)} + 2m_{000}^{(00)}m_{000}^{(21)}m_{200}^{(11)}m_{113}^{(21)}\\
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&-2m_{000}^{(00)}m_{000}^{(21)}m_{200}^{(21)}m_{113}^{(11)} - 4m_{000}^{(00)}m_{000}^{(21)}m_{200}^{(21)}m_{032}^{(20)} + 4m_{000}^{(00)}m_{000}^{(21)}m_{200}^{(21)}m_{023}^{(10)}\\
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&+2m_{000}^{(00)}m_{000}^{(21)}m_{110}^{(21)}m_{203}^{(11)} + 4m_{000}^{(00)}m_{000}^{(21)}m_{110}^{(21)}m_{122}^{(20)} - 4m_{000}^{(00)}m_{000}^{(21)}m_{110}^{(21)}m_{113}^{(10)}\\
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&-2m_{000}^{(00)}m_{000}^{(21)}m_{101}^{(11)}m_{122}^{(20)} + 2m_{000}^{(00)}m_{000}^{(21)}m_{101}^{(11)}m_{113}^{(10)} + 2m_{000}^{(00)}m_{000}^{(21)}m_{101}^{(20)}m_{140}^{(22)}\\
&-4m_{000}^{(00)}m_{000}^{(21)}m_{101}^{(20)}m_{131}^{(21)} + 2m_{000}^{(00)}m_{000}^{(21)}m_{101}^{(20)}m_{122}^{(11)} - 2m_{000}^{(00)}m_{000}^{(21)}m_{101}^{(21)}m_{230}^{(22)}\\
&+2m_{000}^{(00)}m_{000}^{(21)}m_{101}^{(21)}m_{212}^{(11)} + 4m_{000}^{(00)}m_{000}^{(21)}m_{101}^{(21)}m_{131}^{(20)} - 4m_{000}^{(00)}m_{000}^{(21)}m_{101}^{(21)}m_{122}^{(10)}\\
&+2m_{000}^{(00)}m_{000}^{(21)}m_{101}^{(22)}m_{230}^{(21)} - 2m_{000}^{(00)}m_{000}^{(21)}m_{101}^{(22)}m_{221}^{(11)} - 2m_{000}^{(00)}m_{000}^{(21)}m_{101}^{(22)}m_{140}^{(20)}\\
&+2m_{000}^{(00)}m_{000}^{(21)}m_{101}^{(22)}m_{131}^{(10)} + m_{000}^{(00)}m_{000}^{(21)}m_{020}^{(00)}m_{122}^{(22)} - m_{000}^{(00)}m_{000}^{(21)}m_{020}^{(00)}m_{104}^{(11)}\\
&-2m_{000}^{(00)}m_{000}^{(21)}m_{020}^{(00)}m_{023}^{(20)} + 2m_{000}^{(00)}m_{000}^{(21)}m_{020}^{(00)}m_{014}^{(10)} - 2m_{000}^{(00)}m_{000}^{(21)}m_{020}^{(10)}m_{212}^{(22)}\\
&+4m_{000}^{(00)}m_{000}^{(21)}m_{020}^{(10)}m_{113}^{(20)} - 2m_{000}^{(00)}m_{000}^{(21)}m_{020}^{(10)}m_{014}^{(00)} + m_{000}^{(00)}m_{000}^{(21)}m_{020}^{(11)}m_{302}^{(22)}\\
&-2m_{000}^{(00)}m_{000}^{(21)}m_{020}^{(11)}m_{203}^{(20)} + m_{000}^{(00)}m_{000}^{(21)}m_{020}^{(11)}m_{104}^{(00)} + 2m_{000}^{(00)}m_{000}^{(21)}m_{020}^{(20)}m_{203}^{(11)}\\
&-4m_{000}^{(00)}m_{000}^{(21)}m_{020}^{(20)}m_{113}^{(10)} + 2m_{000}^{(00)}m_{000}^{(21)}m_{020}^{(20)}m_{023}^{(00)} - m_{000}^{(00)}m_{000}^{(21)}m_{020}^{(22)}m_{302}^{(11)}\\
&+2m_{000}^{(00)}m_{000}^{(21)}m_{020}^{(22)}m_{212}^{(10)} - m_{000}^{(00)}m_{000}^{(21)}m_{020}^{(22)}m_{122}^{(00)} - 2m_{000}^{(00)}m_{000}^{(21)}m_{011}^{(00)}m_{131}^{(22)}\\
&+2m_{000}^{(00)}m_{000}^{(21)}m_{011}^{(00)}m_{113}^{(11)} + 4m_{000}^{(00)}m_{000}^{(21)}m_{011}^{(00)}m_{032}^{(20)} - 4m_{000}^{(00)}m_{000}^{(21)}m_{011}^{(00)}m_{023}^{(10)}\\
&+6m_{000}^{(00)}m_{000}^{(21)}m_{011}^{(10)}m_{221}^{(22)} - 4m_{000}^{(00)}m_{000}^{(21)}m_{011}^{(10)}m_{212}^{(21)} + 2m_{000}^{(00)}m_{000}^{(21)}m_{011}^{(10)}m_{203}^{(11)}\\
&-8m_{000}^{(00)}m_{000}^{(21)}m_{011}^{(10)}m_{122}^{(20)} + 4m_{000}^{(00)}m_{000}^{(21)}m_{011}^{(10)}m_{023}^{(00)} - 4m_{000}^{(00)}m_{000}^{(21)}m_{011}^{(11)}m_{311}^{(22)}\\
&+2m_{000}^{(00)}m_{000}^{(21)}m_{011}^{(11)}m_{302}^{(21)} + 6m_{000}^{(00)}m_{000}^{(21)}m_{011}^{(11)}m_{212}^{(20)} - 2m_{000}^{(00)}m_{000}^{(21)}m_{011}^{(11)}m_{203}^{(10)}\\
&-2m_{000}^{(00)}m_{000}^{(21)}m_{011}^{(11)}m_{113}^{(00)} - 2m_{000}^{(00)}m_{000}^{(21)}m_{011}^{(20)}m_{230}^{(22)} + 4m_{000}^{(00)}m_{000}^{(21)}m_{011}^{(20)}m_{221}^{(21)}\\
&-6m_{000}^{(00)}m_{000}^{(21)}m_{011}^{(20)}m_{212}^{(11)} + 8m_{000}^{(00)}m_{000}^{(21)}m_{011}^{(20)}m_{122}^{(10)} - 4m_{000}^{(00)}m_{000}^{(21)}m_{011}^{(20)}m_{032}^{(00)}\\
&+2m_{000}^{(00)}m_{000}^{(21)}m_{011}^{(21)}m_{320}^{(22)} - 2m_{000}^{(00)}m_{000}^{(21)}m_{011}^{(21)}m_{302}^{(11)} - 4m_{000}^{(00)}m_{000}^{(21)}m_{011}^{(21)}m_{221}^{(20)}\\
&+4m_{000}^{(00)}m_{000}^{(21)}m_{011}^{(21)}m_{212}^{(10)} - 2m_{000}^{(00)}m_{000}^{(21)}m_{011}^{(22)}m_{320}^{(21)} + 4m_{000}^{(00)}m_{000}^{(21)}m_{011}^{(22)}m_{311}^{(11)}\\
&+2m_{000}^{(00)}m_{000}^{(21)}m_{011}^{(22)}m_{230}^{(20)} - 6m_{000}^{(00)}m_{000}^{(21)}m_{011}^{(22)}m_{221}^{(10)} + 2m_{000}^{(00)}m_{000}^{(21)}m_{011}^{(22)}m_{131}^{(00)}\\
&+m_{000}^{(00)}m_{000}^{(21)}m_{002}^{(00)}m_{140}^{(22)} - m_{000}^{(00)}m_{000}^{(21)}m_{002}^{(00)}m_{122}^{(11)} - 2m_{000}^{(00)}m_{000}^{(21)}m_{002}^{(00)}m_{041}^{(20)}\\
&+2m_{000}^{(00)}m_{000}^{(21)}m_{002}^{(00)}m_{032}^{(10)} - 2m_{000}^{(00)}m_{000}^{(21)}m_{002}^{(10)}m_{230}^{(22)} + 4m_{000}^{(00)}m_{000}^{(21)}m_{002}^{(10)}m_{131}^{(20)}\\
&-2m_{000}^{(00)}m_{000}^{(21)}m_{002}^{(10)}m_{032}^{(00)} + m_{000}^{(00)}m_{000}^{(21)}m_{002}^{(11)}m_{320}^{(22)} - 2m_{000}^{(00)}m_{000}^{(21)}m_{002}^{(11)}m_{221}^{(20)}\\
&+m_{000}^{(00)}m_{000}^{(21)}m_{002}^{(11)}m_{122}^{(00)} + 2m_{000}^{(00)}m_{000}^{(21)}m_{002}^{(20)}m_{221}^{(11)} - 4m_{000}^{(00)}m_{000}^{(21)}m_{002}^{(20)}m_{131}^{(10)}\\
&+2m_{000}^{(00)}m_{000}^{(21)}m_{002}^{(20)}m_{041}^{(00)} - m_{000}^{(00)}m_{000}^{(21)}m_{002}^{(22)}m_{320}^{(11)} + 2m_{000}^{(00)}m_{000}^{(21)}m_{002}^{(22)}m_{230}^{(10)}\\
&-m_{000}^{(00)}m_{000}^{(21)}m_{002}^{(22)}m_{140}^{(00)} - m_{000}^{(00)}m_{000}^{(22)}m_{200}^{(10)}m_{041}^{(22)} + 2m_{000}^{(00)}m_{000}^{(22)}m_{200}^{(10)}m_{032}^{(21)}\\
&-m_{000}^{(00)}m_{000}^{(22)}m_{200}^{(10)}m_{023}^{(11)} + m_{000}^{(00)}m_{000}^{(22)}m_{200}^{(11)}m_{131}^{(22)} - m_{000}^{(00)}m_{000}^{(22)}m_{200}^{(11)}m_{122}^{(21)}\\
&-m_{000}^{(00)}m_{000}^{(22)}m_{200}^{(11)}m_{032}^{(20)} + m_{000}^{(00)}m_{000}^{(22)}m_{200}^{(11)}m_{023}^{(10)} + m_{000}^{(00)}m_{000}^{(22)}m_{200}^{(20)}m_{050}^{(22)}\\
&-2m_{000}^{(00)}m_{000}^{(22)}m_{200}^{(20)}m_{041}^{(21)} + m_{000}^{(00)}m_{000}^{(22)}m_{200}^{(20)}m_{032}^{(11)} - m_{000}^{(00)}m_{000}^{(22)}m_{200}^{(21)}m_{140}^{(22)}
\end{aligned}
$$

$$+m_{000}^{(00)}m_{000}^{(22)}m_{200}^{(21)}m_{122}^{(11)}+2m_{000}^{(00)}m_{000}^{(22)}m_{200}^{(21)}m_{041}^{(20)}-2m_{000}^{(00)}m_{000}^{(22)}m_{200}^{(21)}m_{032}^{(10)}$$
$$+m_{000}^{(00)}m_{000}^{(22)}m_{200}^{(22)}m_{140}^{(21)}-m_{000}^{(00)}m_{000}^{(22)}m_{200}^{(22)}m_{131}^{(11)}-m_{000}^{(00)}m_{000}^{(22)}m_{200}^{(22)}m_{050}^{(20)}$$
$$+m_{000}^{(00)}m_{000}^{(22)}m_{200}^{(22)}m_{041}^{(10)}+2m_{000}^{(00)}m_{000}^{(22)}m_{110}^{(10)}m_{131}^{(22)}-4m_{000}^{(00)}m_{000}^{(22)}m_{110}^{(10)}m_{122}^{(21)}$$
$$+2m_{000}^{(00)}m_{000}^{(22)}m_{110}^{(10)}m_{113}^{(11)}-2m_{000}^{(00)}m_{000}^{(22)}m_{110}^{(11)}m_{221}^{(22)}+2m_{000}^{(00)}m_{000}^{(22)}m_{110}^{(11)}m_{212}^{(21)}$$
$$+2m_{000}^{(00)}m_{000}^{(22)}m_{110}^{(11)}m_{122}^{(20)}-2m_{000}^{(00)}m_{000}^{(22)}m_{110}^{(11)}m_{113}^{(10)}-2m_{000}^{(00)}m_{000}^{(22)}m_{110}^{(20)}m_{140}^{(22)}$$
$$+4m_{000}^{(00)}m_{000}^{(22)}m_{110}^{(20)}m_{131}^{(21)}-2m_{000}^{(00)}m_{000}^{(22)}m_{110}^{(20)}m_{122}^{(11)}+2m_{000}^{(00)}m_{000}^{(22)}m_{110}^{(21)}m_{230}^{(22)}$$
$$-2m_{000}^{(00)}m_{000}^{(22)}m_{110}^{(21)}m_{212}^{(11)}-4m_{000}^{(00)}m_{000}^{(22)}m_{110}^{(21)}m_{131}^{(20)}+4m_{000}^{(00)}m_{000}^{(22)}m_{110}^{(21)}m_{122}^{(10)}$$
$$-2m_{000}^{(00)}m_{000}^{(22)}m_{110}^{(22)}m_{230}^{(21)}+2m_{000}^{(00)}m_{000}^{(22)}m_{110}^{(22)}m_{221}^{(11)}+2m_{000}^{(00)}m_{000}^{(22)}m_{110}^{(22)}m_{140}^{(20)}$$
$$-2m_{000}^{(00)}m_{000}^{(22)}m_{110}^{(22)}m_{131}^{(10)}-m_{000}^{(00)}m_{000}^{(22)}m_{020}^{(00)}m_{122}^{(21)}+m_{000}^{(00)}m_{000}^{(22)}m_{020}^{(00)}m_{113}^{(11)}$$
$$+m_{000}^{(00)}m_{000}^{(22)}m_{020}^{(00)}m_{032}^{(20)}-m_{000}^{(00)}m_{000}^{(22)}m_{020}^{(00)}m_{023}^{(10)}-m_{000}^{(00)}m_{000}^{(22)}m_{020}^{(10)}m_{221}^{(22)}$$
$$+4m_{000}^{(00)}m_{000}^{(22)}m_{020}^{(10)}m_{212}^{(21)}-2m_{000}^{(00)}m_{000}^{(22)}m_{020}^{(10)}m_{203}^{(11)}-2m_{000}^{(00)}m_{000}^{(22)}m_{020}^{(10)}m_{122}^{(20)}$$
$$+m_{000}^{(00)}m_{000}^{(22)}m_{020}^{(10)}m_{023}^{(00)}+m_{000}^{(00)}m_{000}^{(22)}m_{020}^{(11)}m_{311}^{(22)}-2m_{000}^{(00)}m_{000}^{(22)}m_{020}^{(11)}m_{302}^{(21)}$$
$$+2m_{000}^{(00)}m_{000}^{(22)}m_{020}^{(11)}m_{203}^{(10)}-m_{000}^{(00)}m_{000}^{(22)}m_{020}^{(11)}m_{113}^{(00)}+m_{000}^{(00)}m_{000}^{(22)}m_{020}^{(20)}m_{230}^{(22)}$$
$$-2m_{000}^{(00)}m_{000}^{(22)}m_{020}^{(20)}m_{221}^{(21)}+2m_{000}^{(00)}m_{000}^{(22)}m_{020}^{(20)}m_{122}^{(10)}-m_{000}^{(00)}m_{000}^{(22)}m_{020}^{(20)}m_{032}^{(00)}$$
$$-m_{000}^{(00)}m_{000}^{(22)}m_{020}^{(21)}m_{320}^{(22)}+2m_{000}^{(00)}m_{000}^{(22)}m_{020}^{(21)}m_{302}^{(11)}+2m_{000}^{(00)}m_{000}^{(22)}m_{020}^{(21)}m_{221}^{(20)}$$
$$-4m_{000}^{(00)}m_{000}^{(22)}m_{020}^{(21)}m_{212}^{(10)}+m_{000}^{(00)}m_{000}^{(22)}m_{020}^{(21)}m_{122}^{(00)}+m_{000}^{(00)}m_{000}^{(22)}m_{020}^{(22)}m_{320}^{(21)}$$
$$-m_{000}^{(00)}m_{000}^{(22)}m_{020}^{(22)}m_{311}^{(11)}-m_{000}^{(00)}m_{000}^{(22)}m_{020}^{(22)}m_{230}^{(20)}+m_{000}^{(00)}m_{000}^{(22)}m_{020}^{(22)}m_{221}^{(10)}$$
$$+2m_{000}^{(00)}m_{000}^{(22)}m_{011}^{(00)}m_{131}^{(21)}-2m_{000}^{(00)}m_{000}^{(22)}m_{011}^{(00)}m_{122}^{(11)}-2m_{000}^{(00)}m_{000}^{(22)}m_{011}^{(00)}m_{041}^{(20)}$$
$$+2m_{000}^{(00)}m_{000}^{(22)}m_{011}^{(00)}m_{032}^{(10)}-4m_{000}^{(00)}m_{000}^{(22)}m_{011}^{(10)}m_{221}^{(21)}+2m_{000}^{(00)}m_{000}^{(22)}m_{011}^{(10)}m_{212}^{(11)}$$
$$+4m_{000}^{(00)}m_{000}^{(22)}m_{011}^{(10)}m_{131}^{(20)}-2m_{000}^{(00)}m_{000}^{(22)}m_{011}^{(10)}m_{032}^{(00)}+2m_{000}^{(00)}m_{000}^{(22)}m_{011}^{(11)}m_{311}^{(21)}$$
$$-2m_{000}^{(00)}m_{000}^{(22)}m_{011}^{(11)}m_{221}^{(20)}-2m_{000}^{(00)}m_{000}^{(22)}m_{011}^{(11)}m_{212}^{(10)}+2m_{000}^{(00)}m_{000}^{(22)}m_{011}^{(11)}m_{122}^{(00)}$$
$$+2m_{000}^{(00)}m_{000}^{(22)}m_{011}^{(20)}m_{221}^{(11)}-4m_{000}^{(00)}m_{000}^{(22)}m_{011}^{(20)}m_{131}^{(10)}+2m_{000}^{(00)}m_{000}^{(22)}m_{011}^{(20)}m_{041}^{(00)}$$
$$-2m_{000}^{(00)}m_{000}^{(22)}m_{011}^{(21)}m_{311}^{(11)}+4m_{000}^{(00)}m_{000}^{(22)}m_{011}^{(21)}m_{221}^{(10)}-2m_{000}^{(00)}m_{000}^{(22)}m_{011}^{(21)}m_{131}^{(00)}$$
$$-m_{000}^{(00)}m_{000}^{(22)}m_{002}^{(00)}m_{140}^{(21)}+m_{000}^{(00)}m_{000}^{(22)}m_{002}^{(00)}m_{131}^{(11)}+m_{000}^{(00)}m_{000}^{(22)}m_{002}^{(00)}m_{050}^{(20)}$$
$$-m_{000}^{(00)}m_{000}^{(22)}m_{002}^{(00)}m_{041}^{(10)}+2m_{000}^{(00)}m_{000}^{(22)}m_{002}^{(10)}m_{230}^{(21)}-m_{000}^{(00)}m_{000}^{(22)}m_{002}^{(10)}m_{221}^{(11)}$$
$$-2m_{000}^{(00)}m_{000}^{(22)}m_{002}^{(10)}m_{140}^{(20)}+m_{000}^{(00)}m_{000}^{(22)}m_{002}^{(10)}m_{041}^{(00)}-m_{000}^{(00)}m_{000}^{(22)}m_{002}^{(11)}m_{320}^{(21)}$$
$$+m_{000}^{(00)}m_{000}^{(22)}m_{002}^{(11)}m_{230}^{(20)}+m_{000}^{(00)}m_{000}^{(22)}m_{002}^{(11)}m_{221}^{(10)}-m_{000}^{(00)}m_{000}^{(22)}m_{002}^{(11)}m_{131}^{(00)}$$
$$-m_{000}^{(00)}m_{000}^{(22)}m_{002}^{(20)}m_{230}^{(11)}+2m_{000}^{(00)}m_{000}^{(22)}m_{002}^{(20)}m_{140}^{(10)}-m_{000}^{(00)}m_{000}^{(22)}m_{002}^{(20)}m_{050}^{(00)}$$
$$+m_{000}^{(00)}m_{000}^{(22)}m_{002}^{(21)}m_{320}^{(11)}-2m_{000}^{(00)}m_{000}^{(22)}m_{002}^{(21)}m_{230}^{(10)}+m_{000}^{(00)}m_{000}^{(22)}m_{002}^{(21)}m_{140}^{(00)}$$
$$-2(m_{000}^{(10)})^2m_{110}^{(00)}m_{023}^{(22)}+4(m_{000}^{(10)})^2m_{110}^{(00)}m_{014}^{(21)}-2(m_{000}^{(10)})^2m_{110}^{(00)}m_{005}^{(11)}$$
$$+2(m_{000}^{(10)})^2m_{110}^{(11)}m_{203}^{(22)}-4(m_{000}^{(10)})^2m_{110}^{(11)}m_{104}^{(20)}+2(m_{000}^{(10)})^2m_{110}^{(11)}m_{005}^{(00)}$$
$$+4(m_{000}^{(10)})^2m_{110}^{(20)}m_{122}^{(22)}-8(m_{000}^{(10)})^2m_{110}^{(20)}m_{113}^{(21)}+4(m_{000}^{(10)})^2m_{110}^{(20)}m_{104}^{(11)}$$
$$-4(m_{000}^{(10)})^2m_{110}^{(21)}m_{212}^{(22)}+8(m_{000}^{(10)})^2m_{110}^{(21)}m_{113}^{(20)}-4(m_{000}^{(10)})^2m_{110}^{(21)}m_{014}^{(00)}$$
$$+4(m_{000}^{(10)})^2m_{110}^{(22)}m_{212}^{(21)}-2(m_{000}^{(10)})^2m_{110}^{(22)}m_{203}^{(11)}-4(m_{000}^{(10)})^2m_{110}^{(22)}m_{122}^{(20)}$$
$$+2(m_{000}^{(10)})^2m_{110}^{(22)}m_{023}^{(00)}+2(m_{000}^{(10)})^2m_{101}^{(00)}m_{032}^{(22)}-4(m_{000}^{(10)})^2m_{101}^{(00)}m_{023}^{(21)}$$
$$+2(m_{000}^{(10)})^2m_{101}^{(00)}m_{014}^{(11)}-2(m_{000}^{(10)})^2m_{101}^{(11)}m_{212}^{(22)}+4(m_{000}^{(10)})^2m_{101}^{(11)}m_{113}^{(20)}$$
$$-2(m_{000}^{(10)})^2m_{101}^{(11)}m_{014}^{(00)}-4(m_{000}^{(10)})^2m_{101}^{(20)}m_{131}^{(22)}+8(m_{000}^{(10)})^2m_{101}^{(20)}m_{122}^{(21)}$$
$$-4(m_{000}^{(10)})^2m_{101}^{(20)}m_{113}^{(11)}+4(m_{000}^{(10)})^2m_{101}^{(21)}m_{221}^{(22)}-8(m_{000}^{(10)})^2m_{101}^{(21)}m_{122}^{(20)}$$

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\begin{aligned}
&+4(m_{000}^{(10)})^2 m_{101}^{(21)} m_{023}^{(00)} - 4(m_{000}^{(10)})^2 m_{101}^{(22)} m_{221}^{(21)} + 2(m_{000}^{(10)})^2 m_{101}^{(22)} m_{212}^{(11)} \\
&+4(m_{000}^{(10)})^2 m_{101}^{(22)} m_{131}^{(20)} - 2(m_{000}^{(10)})^2 m_{101}^{(22)} m_{032}^{(00)} + 2(m_{000}^{(10)})^2 m_{011}^{(00)} m_{122}^{(22)} \\
&-4(m_{000}^{(10)})^2 m_{011}^{(00)} m_{113}^{(21)} + 2(m_{000}^{(10)})^2 m_{011}^{(00)} m_{104}^{(11)} - 2(m_{000}^{(10)})^2 m_{011}^{(11)} m_{302}^{(22)} \\
&+4(m_{000}^{(10)})^2 m_{011}^{(11)} m_{203}^{(20)} - 2(m_{000}^{(10)})^2 m_{011}^{(11)} m_{104}^{(00)} - 4(m_{000}^{(10)})^2 m_{011}^{(20)} m_{221}^{(22)} \\
&+8(m_{000}^{(10)})^2 m_{011}^{(20)} m_{212}^{(21)} - 4(m_{000}^{(10)})^2 m_{011}^{(20)} m_{203}^{(11)} + 4(m_{000}^{(10)})^2 m_{011}^{(21)} m_{311}^{(22)} \\
&-8(m_{000}^{(10)})^2 m_{011}^{(21)} m_{212}^{(20)} + 4(m_{000}^{(10)})^2 m_{011}^{(21)} m_{113}^{(00)} - 4(m_{000}^{(10)})^2 m_{011}^{(22)} m_{311}^{(21)} \\
&+2(m_{000}^{(10)})^2 m_{011}^{(22)} m_{302}^{(11)} + 4(m_{000}^{(10)})^2 m_{011}^{(22)} m_{221}^{(20)} - 2(m_{000}^{(10)})^2 m_{011}^{(22)} m_{122}^{(00)} \\
&-2(m_{000}^{(10)})^2 m_{002}^{(00)} m_{131}^{(22)} + 4(m_{000}^{(10)})^2 m_{002}^{(00)} m_{122}^{(21)} - 2(m_{000}^{(10)})^2 m_{002}^{(00)} m_{113}^{(11)} \\
&+2(m_{000}^{(10)})^2 m_{002}^{(11)} m_{311}^{(22)} - 4(m_{000}^{(10)})^2 m_{002}^{(11)} m_{212}^{(20)} + 2(m_{000}^{(10)})^2 m_{002}^{(11)} m_{113}^{(00)} \\
&+4(m_{000}^{(10)})^2 m_{002}^{(20)} m_{230}^{(22)} - 8(m_{000}^{(10)})^2 m_{002}^{(20)} m_{221}^{(21)} + 4(m_{000}^{(10)})^2 m_{002}^{(20)} m_{212}^{(11)} \\
&-4(m_{000}^{(10)})^2 m_{002}^{(21)} m_{320}^{(22)} + 8(m_{000}^{(10)})^2 m_{002}^{(21)} m_{221}^{(20)} - 4(m_{000}^{(10)})^2 m_{002}^{(21)} m_{122}^{(00)} \\
&+4(m_{000}^{(10)})^2 m_{002}^{(22)} m_{320}^{(21)} - 2(m_{000}^{(10)})^2 m_{002}^{(22)} m_{311}^{(11)} - 4(m_{000}^{(10)})^2 m_{002}^{(22)} m_{230}^{(20)} \\
&+2(m_{000}^{(10)})^2 m_{002}^{(22)} m_{131}^{(00)} + m_{000}^{(10)} m_{000}^{(11)} m_{200}^{(00)} m_{023}^{(22)} - 2m_{000}^{(10)} m_{000}^{(11)} m_{200}^{(00)} m_{014}^{(21)} \\
&+m_{000}^{(10)} m_{000}^{(11)} m_{200}^{(00)} m_{005}^{(11)} - m_{000}^{(10)} m_{000}^{(11)} m_{200}^{(11)} m_{203}^{(22)} + 2m_{000}^{(10)} m_{000}^{(11)} m_{200}^{(11)} m_{104}^{(20)} \\
&-m_{000}^{(10)} m_{000}^{(11)} m_{200}^{(11)} m_{005}^{(00)} - 2m_{000}^{(10)} m_{000}^{(11)} m_{200}^{(20)} m_{122}^{(22)} + 4m_{000}^{(10)} m_{000}^{(11)} m_{200}^{(20)} m_{113}^{(21)} \\
&-2m_{000}^{(10)} m_{000}^{(11)} m_{200}^{(20)} m_{104}^{(11)} + 2m_{000}^{(10)} m_{000}^{(11)} m_{200}^{(21)} m_{212}^{(22)} - 4m_{000}^{(10)} m_{000}^{(11)} m_{200}^{(21)} m_{113}^{(20)} \\
&+2m_{000}^{(10)} m_{000}^{(11)} m_{200}^{(21)} m_{014}^{(00)} - 2m_{000}^{(10)} m_{000}^{(11)} m_{200}^{(22)} m_{212}^{(21)} + m_{000}^{(10)} m_{000}^{(11)} m_{200}^{(22)} m_{203}^{(11)} \\
&+2m_{000}^{(10)} m_{000}^{(11)} m_{200}^{(22)} m_{122}^{(20)} - m_{000}^{(10)} m_{000}^{(11)} m_{200}^{(22)} m_{023}^{(00)} + 2m_{000}^{(10)} m_{000}^{(11)} m_{110}^{(00)} m_{113}^{(22)} \\
&-2m_{000}^{(10)} m_{000}^{(11)} m_{110}^{(00)} m_{104}^{(21)} - 2m_{000}^{(10)} m_{000}^{(11)} m_{110}^{(00)} m_{014}^{(20)} + 2m_{000}^{(10)} m_{000}^{(11)} m_{110}^{(00)} m_{005}^{(10)} \\
&-2m_{000}^{(10)} m_{000}^{(11)} m_{110}^{(10)} m_{203}^{(22)} + 4m_{000}^{(10)} m_{000}^{(11)} m_{110}^{(10)} m_{104}^{(20)} - 2m_{000}^{(10)} m_{000}^{(11)} m_{110}^{(10)} m_{005}^{(00)} \\
&-2m_{000}^{(10)} m_{000}^{(11)} m_{110}^{(20)} m_{212}^{(22)} + 4m_{000}^{(10)} m_{000}^{(11)} m_{110}^{(20)} m_{203}^{(21)} - 4m_{000}^{(10)} m_{000}^{(11)} m_{110}^{(20)} m_{104}^{(10)} \\
&+2m_{000}^{(10)} m_{000}^{(11)} m_{110}^{(20)} m_{014}^{(00)} + 2m_{000}^{(10)} m_{000}^{(11)} m_{110}^{(21)} m_{302}^{(22)} - 4m_{000}^{(10)} m_{000}^{(11)} m_{110}^{(21)} m_{203}^{(20)} \\
&+2m_{000}^{(10)} m_{000}^{(11)} m_{110}^{(21)} m_{104}^{(00)} - 2m_{000}^{(10)} m_{000}^{(11)} m_{110}^{(22)} m_{302}^{(21)} + 2m_{000}^{(10)} m_{000}^{(11)} m_{110}^{(22)} m_{212}^{(20)} \\
&+2m_{000}^{(10)} m_{000}^{(11)} m_{110}^{(22)} m_{203}^{(10)} - 2m_{000}^{(10)} m_{000}^{(11)} m_{110}^{(22)} m_{113}^{(00)} - 4m_{000}^{(10)} m_{000}^{(11)} m_{101}^{(00)} m_{122}^{(22)} \\
&+6m_{000}^{(10)} m_{000}^{(11)} m_{101}^{(00)} m_{113}^{(21)} - 2m_{000}^{(10)} m_{000}^{(11)} m_{101}^{(00)} m_{104}^{(11)} + 2m_{000}^{(10)} m_{000}^{(11)} m_{101}^{(00)} m_{023}^{(20)} \\
&-2m_{000}^{(10)} m_{000}^{(11)} m_{101}^{(00)} m_{014}^{(10)} + 2m_{000}^{(10)} m_{000}^{(11)} m_{101}^{(10)} m_{212}^{(22)} - 4m_{000}^{(10)} m_{000}^{(11)} m_{101}^{(10)} m_{113}^{(20)} \\
&+2m_{000}^{(10)} m_{000}^{(11)} m_{101}^{(10)} m_{014}^{(00)} + 2m_{000}^{(10)} m_{000}^{(11)} m_{101}^{(11)} m_{302}^{(22)} - 4m_{000}^{(10)} m_{000}^{(11)} m_{101}^{(11)} m_{203}^{(20)} \\
&+2m_{000}^{(10)} m_{000}^{(11)} m_{101}^{(11)} m_{104}^{(00)} + 6m_{000}^{(10)} m_{000}^{(11)} m_{101}^{(20)} m_{221}^{(22)} - 12m_{000}^{(10)} m_{000}^{(11)} m_{101}^{(20)} m_{212}^{(21)} \\
&+4m_{000}^{(10)} m_{000}^{(11)} m_{101}^{(20)} m_{203}^{(11)} + 4m_{000}^{(10)} m_{000}^{(11)} m_{101}^{(20)} m_{113}^{(10)} - 2m_{000}^{(10)} m_{000}^{(11)} m_{101}^{(20)} m_{023}^{(00)} \\
&-6m_{000}^{(10)} m_{000}^{(11)} m_{101}^{(21)} m_{311}^{(22)} + 12m_{000}^{(10)} m_{000}^{(11)} m_{101}^{(21)} m_{212}^{(20)} - 6m_{000}^{(10)} m_{000}^{(11)} m_{101}^{(21)} m_{113}^{(00)} \\
&+6m_{000}^{(10)} m_{000}^{(11)} m_{101}^{(22)} m_{311}^{(21)} - 2m_{000}^{(10)} m_{000}^{(11)} m_{101}^{(22)} m_{302}^{(11)} - 6m_{000}^{(10)} m_{000}^{(11)} m_{101}^{(22)} m_{221}^{(20)} \\
&-2m_{000}^{(10)} m_{000}^{(11)} m_{101}^{(22)} m_{212}^{(10)} + 4m_{000}^{(10)} m_{000}^{(11)} m_{101}^{(22)} m_{122}^{(00)} - 2m_{000}^{(10)} m_{000}^{(11)} m_{011}^{(00)} m_{212}^{(22)} \\
&+2m_{000}^{(10)} m_{000}^{(11)} m_{011}^{(00)} m_{203}^{(21)} + 2m_{000}^{(10)} m_{000}^{(11)} m_{011}^{(00)} m_{113}^{(20)} - 2m_{000}^{(10)} m_{000}^{(11)} m_{011}^{(00)} m_{104}^{(10)} \\
&+2m_{000}^{(10)} m_{000}^{(11)} m_{011}^{(10)} m_{302}^{(22)} - 4m_{000}^{(10)} m_{000}^{(11)} m_{011}^{(10)} m_{203}^{(20)} + 2m_{000}^{(10)} m_{000}^{(11)} m_{011}^{(10)} m_{104}^{(00)} \\
&+2m_{000}^{(10)} m_{000}^{(11)} m_{011}^{(20)} m_{311}^{(22)} - 4m_{000}^{(10)} m_{000}^{(11)} m_{011}^{(20)} m_{302}^{(21)} + 4m_{000}^{(10)} m_{000}^{(11)} m_{011}^{(20)} m_{203}^{(10)} \\
&-2m_{000}^{(10)} m_{000}^{(11)} m_{011}^{(20)} m_{113}^{(00)} - 2m_{000}^{(10)} m_{000}^{(11)} m_{011}^{(21)} m_{401}^{(22)} + 4m_{000}^{(10)} m_{000}^{(11)} m_{011}^{(21)} m_{302}^{(20)} \\
&-2m_{000}^{(10)} m_{000}^{(11)} m_{011}^{(21)} m_{203}^{(00)} + 2m_{000}^{(10)} m_{000}^{(11)} m_{011}^{(22)} m_{401}^{(21)} - 2m_{000}^{(10)} m_{000}^{(11)} m_{011}^{(22)} m_{311}^{(20)} \\
&-2m_{000}^{(10)} m_{000}^{(11)} m_{011}^{(22)} m_{302}^{(10)} + 2m_{000}^{(10)} m_{000}^{(11)} m_{011}^{(22)} m_{212}^{(00)} + 3m_{000}^{(10)} m_{000}^{(11)} m_{002}^{(00)} m_{221}^{(22)}
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&-4m_{000}^{(10)}m_{000}^{(11)}m_{002}^{(00)}m_{212}^{(21)} + m_{000}^{(10)}m_{000}^{(11)}m_{002}^{(00)}m_{203}^{(11)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{002}^{(00)}m_{122}^{(20)}\\
&+2m_{000}^{(10)}m_{000}^{(11)}m_{002}^{(00)}m_{113}^{(10)} - 2m_{000}^{(10)}m_{000}^{(11)}m_{002}^{(10)}m_{311}^{(22)} + 4m_{000}^{(10)}m_{000}^{(11)}m_{002}^{(10)}m_{212}^{(20)}\\
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&+4m_{000}^{(10)}m_{000}^{(11)}m_{002}^{(21)}m_{410}^{(22)} - 8m_{000}^{(10)}m_{000}^{(11)}m_{002}^{(21)}m_{311}^{(20)} + 4m_{000}^{(10)}m_{000}^{(11)}m_{002}^{(21)}m_{212}^{(00)}\\
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&+4m_{000}^{(10)}m_{000}^{(20)}m_{110}^{(11)}m_{113}^{(20)} + 4m_{000}^{(10)}m_{000}^{(20)}m_{110}^{(11)}m_{104}^{(10)} - 4m_{000}^{(10)}m_{000}^{(20)}m_{110}^{(11)}m_{014}^{(00)}\\
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&+8m_{000}^{(10)}m_{000}^{(20)}m_{002}^{(10)}m_{221}^{(21)} - 4m_{000}^{(10)}m_{000}^{(20)}m_{002}^{(10)}m_{212}^{(11)} + 2m_{000}^{(10)}m_{000}^{(20)}m_{002}^{(11)}m_{320}^{(22)}\\
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&-2m_{000}^{(10)}m_{000}^{(22)}m_{011}^{(10)}m_{302}^{(11)} - 4m_{000}^{(10)}m_{000}^{(22)}m_{011}^{(10)}m_{221}^{(20)} + 2m_{000}^{(10)}m_{000}^{(22)}m_{011}^{(10)}m_{122}^{(00)}\\
&-2m_{000}^{(10)}m_{000}^{(22)}m_{011}^{(11)}m_{401}^{(21)} + 2m_{000}^{(10)}m_{000}^{(22)}m_{011}^{(11)}m_{311}^{(20)} + 2m_{000}^{(10)}m_{000}^{(22)}m_{011}^{(11)}m_{302}^{(10)}\\
&-2m_{000}^{(10)}m_{000}^{(22)}m_{011}^{(11)}m_{212}^{(00)} - 2m_{000}^{(10)}m_{000}^{(22)}m_{011}^{(20)}m_{311}^{(11)} + 4m_{000}^{(10)}m_{000}^{(22)}m_{011}^{(20)}m_{221}^{(10)}\\
&-2m_{000}^{(10)}m_{000}^{(22)}m_{011}^{(20)}m_{131}^{(00)} + 2m_{000}^{(10)}m_{000}^{(22)}m_{011}^{(21)}m_{401}^{(11)} - 4m_{000}^{(10)}m_{000}^{(22)}m_{011}^{(21)}m_{311}^{(10)}\\
&+2m_{000}^{(10)}m_{000}^{(22)}m_{011}^{(21)}m_{221}^{(00)} + 2m_{000}^{(10)}m_{000}^{(22)}m_{002}^{(00)}m_{230}^{(21)} - 2m_{000}^{(10)}m_{000}^{(22)}m_{002}^{(00)}m_{221}^{(11)}\\
&-2m_{000}^{(10)}m_{000}^{(22)}m_{002}^{(00)}m_{140}^{(20)} + 2m_{000}^{(10)}m_{000}^{(22)}m_{002}^{(00)}m_{131}^{(10)} - 4m_{000}^{(10)}m_{000}^{(22)}m_{002}^{(10)}m_{320}^{(21)}\\
&+2m_{000}^{(10)}m_{000}^{(22)}m_{002}^{(10)}m_{311}^{(11)} + 4m_{000}^{(10)}m_{000}^{(22)}m_{002}^{(10)}m_{230}^{(20)} - 2m_{000}^{(10)}m_{000}^{(22)}m_{002}^{(10)}m_{131}^{(00)}\\
&+2m_{000}^{(10)}m_{000}^{(22)}m_{002}^{(11)}m_{410}^{(21)} - 2m_{000}^{(10)}m_{000}^{(22)}m_{002}^{(11)}m_{320}^{(20)} - 2m_{000}^{(10)}m_{000}^{(22)}m_{002}^{(11)}m_{311}^{(10)}\\
&+2m_{000}^{(10)}m_{000}^{(22)}m_{002}^{(11)}m_{221}^{(00)} + 2m_{000}^{(10)}m_{000}^{(22)}m_{002}^{(20)}m_{320}^{(11)} - 4m_{000}^{(10)}m_{000}^{(22)}m_{002}^{(20)}m_{230}^{(10)}\\
&+2m_{000}^{(10)}m_{000}^{(22)}m_{002}^{(20)}m_{140}^{(00)} - 2m_{000}^{(10)}m_{000}^{(22)}m_{002}^{(21)}m_{410}^{(11)} + 4m_{000}^{(10)}m_{000}^{(22)}m_{002}^{(21)}m_{320}^{(10)}\\
&-2m_{000}^{(10)}m_{000}^{(22)}m_{002}^{(21)}m_{230}^{(00)} - (m_{000}^{(11)})^2m_{200}^{(00)}m_{113}^{(22)} + (m_{000}^{(11)})^2m_{200}^{(00)}m_{104}^{(21)}\\
&+(m_{000}^{(11)})^2m_{200}^{(00)}m_{014}^{(20)} - (m_{000}^{(11)})^2m_{200}^{(00)}m_{005}^{(10)} + (m_{000}^{(11)})^2m_{200}^{(10)}m_{203}^{(22)}\\
&-2(m_{000}^{(11)})^2m_{200}^{(10)}m_{104}^{(20)} + (m_{000}^{(11)})^2m_{200}^{(10)}m_{005}^{(00)} + (m_{000}^{(11)})^2m_{200}^{(20)}m_{212}^{(22)}\\
&-2(m_{000}^{(11)})^2m_{200}^{(20)}m_{203}^{(21)} + 2(m_{000}^{(11)})^2m_{200}^{(20)}m_{104}^{(10)} - (m_{000}^{(11)})^2m_{200}^{(20)}m_{014}^{(00)}\\
&-(m_{000}^{(11)})^2m_{200}^{(21)}m_{302}^{(22)} + 2(m_{000}^{(11)})^2m_{200}^{(21)}m_{203}^{(20)} - (m_{000}^{(11)})^2m_{200}^{(21)}m_{104}^{(00)}\\
&+(m_{000}^{(11)})^2m_{200}^{(22)}m_{302}^{(21)} - (m_{000}^{(11)})^2m_{200}^{(22)}m_{212}^{(20)} - (m_{000}^{(11)})^2m_{200}^{(22)}m_{203}^{(10)}
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&+(m_{000}^{(11)})^2 m_{200}^{(22)} m_{113}^{(00)} + 2(m_{000}^{(11)})^2 m_{101}^{(00)} m_{212}^{(22)} - 2(m_{000}^{(11)})^2 m_{101}^{(00)} m_{203}^{(21)} \\
&-2(m_{000}^{(11)})^2 m_{101}^{(00)} m_{113}^{(20)} + 2(m_{000}^{(11)})^2 m_{101}^{(00)} m_{104}^{(10)} - 2(m_{000}^{(11)})^2 m_{101}^{(10)} m_{302}^{(22)} \\
&+4(m_{000}^{(11)})^2 m_{101}^{(10)} m_{203}^{(20)} - 2(m_{000}^{(11)})^2 m_{101}^{(10)} m_{104}^{(00)} - 2(m_{000}^{(11)})^2 m_{101}^{(20)} m_{311}^{(22)} \\
&+4(m_{000}^{(11)})^2 m_{101}^{(20)} m_{302}^{(21)} - 4(m_{000}^{(11)})^2 m_{101}^{(20)} m_{203}^{(10)} + 2(m_{000}^{(11)})^2 m_{101}^{(20)} m_{113}^{(00)} \\
&+2(m_{000}^{(11)})^2 m_{101}^{(21)} m_{401}^{(22)} - 4(m_{000}^{(11)})^2 m_{101}^{(21)} m_{302}^{(20)} + 2(m_{000}^{(11)})^2 m_{101}^{(21)} m_{203}^{(00)} \\
&-2(m_{000}^{(11)})^2 m_{101}^{(22)} m_{401}^{(21)} + 2(m_{000}^{(11)})^2 m_{101}^{(22)} m_{311}^{(20)} + 2(m_{000}^{(11)})^2 m_{101}^{(22)} m_{302}^{(10)} \\
&-2(m_{000}^{(11)})^2 m_{101}^{(22)} m_{212}^{(00)} - (m_{000}^{(11)})^2 m_{002}^{(00)} m_{311}^{(22)} + (m_{000}^{(11)})^2 m_{002}^{(00)} m_{302}^{(21)} \\
&+(m_{000}^{(11)})^2 m_{002}^{(00)} m_{212}^{(20)} - (m_{000}^{(11)})^2 m_{002}^{(00)} m_{203}^{(10)} + (m_{000}^{(11)})^2 m_{002}^{(10)} m_{401}^{(22)} \\
&-2(m_{000}^{(11)})^2 m_{002}^{(10)} m_{302}^{(20)} + (m_{000}^{(11)})^2 m_{002}^{(10)} m_{203}^{(00)} + (m_{000}^{(11)})^2 m_{002}^{(20)} m_{410}^{(22)} \\
&-2(m_{000}^{(11)})^2 m_{002}^{(20)} m_{401}^{(21)} + 2(m_{000}^{(11)})^2 m_{002}^{(20)} m_{302}^{(10)} - (m_{000}^{(11)})^2 m_{002}^{(20)} m_{212}^{(00)} \\
&-(m_{000}^{(11)})^2 m_{002}^{(21)} m_{500}^{(22)} + 2(m_{000}^{(11)})^2 m_{002}^{(21)} m_{401}^{(20)} - (m_{000}^{(11)})^2 m_{002}^{(21)} m_{302}^{(00)} \\
&+(m_{000}^{(11)})^2 m_{002}^{(22)} m_{500}^{(21)} - (m_{000}^{(11)})^2 m_{002}^{(22)} m_{410}^{(20)} - (m_{000}^{(11)})^2 m_{002}^{(22)} m_{401}^{(10)} \\
&+(m_{000}^{(11)})^2 m_{002}^{(22)} m_{311}^{(00)} - m_{000}^{(11)} m_{000}^{(20)} m_{200}^{(00)} m_{032}^{(22)} + 2m_{000}^{(11)} m_{000}^{(20)} m_{200}^{(00)} m_{023}^{(21)} \\
&-m_{000}^{(11)} m_{000}^{(20)} m_{200}^{(00)} m_{014}^{(11)} + 2m_{000}^{(11)} m_{000}^{(20)} m_{200}^{(10)} m_{122}^{(22)} - 4m_{000}^{(11)} m_{000}^{(20)} m_{200}^{(10)} m_{113}^{(21)} \\
&+2m_{000}^{(11)} m_{000}^{(20)} m_{200}^{(10)} m_{104}^{(11)} - m_{000}^{(11)} m_{000}^{(20)} m_{200}^{(11)} m_{212}^{(22)} + 2m_{000}^{(11)} m_{000}^{(20)} m_{200}^{(11)} m_{203}^{(21)} \\
&-2m_{000}^{(11)} m_{000}^{(20)} m_{200}^{(11)} m_{104}^{(10)} + m_{000}^{(11)} m_{000}^{(20)} m_{200}^{(11)} m_{014}^{(00)} - 2m_{000}^{(11)} m_{000}^{(20)} m_{200}^{(21)} m_{203}^{(11)} \\
&+4m_{000}^{(11)} m_{000}^{(20)} m_{200}^{(21)} m_{113}^{(10)} - 2m_{000}^{(11)} m_{000}^{(20)} m_{200}^{(21)} m_{023}^{(00)} + m_{000}^{(11)} m_{000}^{(20)} m_{200}^{(22)} m_{212}^{(11)} \\
&-2m_{000}^{(11)} m_{000}^{(20)} m_{200}^{(22)} m_{122}^{(10)} + m_{000}^{(11)} m_{000}^{(20)} m_{200}^{(22)} m_{032}^{(00)} - 2m_{000}^{(11)} m_{000}^{(20)} m_{110}^{(00)} m_{122}^{(22)} \\
&+2m_{000}^{(11)} m_{000}^{(20)} m_{110}^{(00)} m_{113}^{(21)} + 2m_{000}^{(11)} m_{000}^{(20)} m_{110}^{(00)} m_{023}^{(20)} - 2m_{000}^{(11)} m_{000}^{(20)} m_{110}^{(00)} m_{014}^{(10)} \\
&+2m_{000}^{(11)} m_{000}^{(20)} m_{110}^{(10)} m_{212}^{(22)} - 4m_{000}^{(11)} m_{000}^{(20)} m_{110}^{(10)} m_{113}^{(20)} + 2m_{000}^{(11)} m_{000}^{(20)} m_{110}^{(10)} m_{014}^{(00)} \\
&+2m_{000}^{(11)} m_{000}^{(20)} m_{110}^{(20)} m_{221}^{(22)} - 4m_{000}^{(11)} m_{000}^{(20)} m_{110}^{(20)} m_{212}^{(21)} + 4m_{000}^{(11)} m_{000}^{(20)} m_{110}^{(20)} m_{113}^{(10)} \\
&-2m_{000}^{(11)} m_{000}^{(20)} m_{110}^{(20)} m_{023}^{(00)} - 2m_{000}^{(11)} m_{000}^{(20)} m_{110}^{(21)} m_{311}^{(22)} + 4m_{000}^{(11)} m_{000}^{(20)} m_{110}^{(21)} m_{212}^{(20)} \\
&-2m_{000}^{(11)} m_{000}^{(20)} m_{110}^{(21)} m_{113}^{(00)} + 2m_{000}^{(11)} m_{000}^{(20)} m_{110}^{(22)} m_{311}^{(21)} - 2m_{000}^{(11)} m_{000}^{(20)} m_{110}^{(22)} m_{221}^{(20)} \\
&-2m_{000}^{(11)} m_{000}^{(20)} m_{110}^{(22)} m_{212}^{(10)} + 2m_{000}^{(11)} m_{000}^{(20)} m_{110}^{(22)} m_{122}^{(00)} + 4m_{000}^{(11)} m_{000}^{(20)} m_{101}^{(00)} m_{131}^{(22)} \\
&-6m_{000}^{(11)} m_{000}^{(20)} m_{101}^{(00)} m_{122}^{(21)} + 2m_{000}^{(11)} m_{000}^{(20)} m_{101}^{(00)} m_{113}^{(11)} - 2m_{000}^{(11)} m_{000}^{(20)} m_{101}^{(00)} m_{032}^{(20)} \\
&+2m_{000}^{(11)} m_{000}^{(20)} m_{101}^{(00)} m_{023}^{(10)} - 6m_{000}^{(11)} m_{000}^{(20)} m_{101}^{(10)} m_{221}^{(22)} + 8m_{000}^{(11)} m_{000}^{(20)} m_{101}^{(10)} m_{212}^{(21)} \\
&-4m_{000}^{(11)} m_{000}^{(20)} m_{101}^{(10)} m_{203}^{(11)} + 4m_{000}^{(11)} m_{000}^{(20)} m_{101}^{(10)} m_{122}^{(20)} - 2m_{000}^{(11)} m_{000}^{(20)} m_{101}^{(10)} m_{023}^{(00)} \\
&+2m_{000}^{(11)} m_{000}^{(20)} m_{101}^{(11)} m_{311}^{(22)} - 4m_{000}^{(11)} m_{000}^{(20)} m_{101}^{(11)} m_{302}^{(21)} + 4m_{000}^{(11)} m_{000}^{(20)} m_{101}^{(11)} m_{203}^{(10)} \\
&-2m_{000}^{(11)} m_{000}^{(20)} m_{101}^{(11)} m_{113}^{(00)} - 2m_{000}^{(11)} m_{000}^{(20)} m_{101}^{(20)} m_{230}^{(22)} + 4m_{000}^{(11)} m_{000}^{(20)} m_{101}^{(20)} m_{221}^{(21)} \\
&-4m_{000}^{(11)} m_{000}^{(20)} m_{101}^{(20)} m_{122}^{(10)} + 2m_{000}^{(11)} m_{000}^{(20)} m_{101}^{(20)} m_{032}^{(00)} + 2m_{000}^{(11)} m_{000}^{(20)} m_{101}^{(21)} m_{320}^{(22)} \\
&+4m_{000}^{(11)} m_{000}^{(20)} m_{101}^{(21)} m_{302}^{(11)} - 4m_{000}^{(11)} m_{000}^{(20)} m_{101}^{(21)} m_{221}^{(20)} - 8m_{000}^{(11)} m_{000}^{(20)} m_{101}^{(21)} m_{212}^{(10)} \\
&+6m_{000}^{(11)} m_{000}^{(20)} m_{101}^{(21)} m_{122}^{(00)} - 2m_{000}^{(11)} m_{000}^{(20)} m_{101}^{(22)} m_{320}^{(21)} - 2m_{000}^{(11)} m_{000}^{(20)} m_{101}^{(22)} m_{311}^{(11)} \\
&+2m_{000}^{(11)} m_{000}^{(20)} m_{101}^{(22)} m_{230}^{(20)} + 6m_{000}^{(11)} m_{000}^{(20)} m_{101}^{(22)} m_{221}^{(10)} - 4m_{000}^{(11)} m_{000}^{(20)} m_{101}^{(22)} m_{131}^{(00)} \\
&+2m_{000}^{(11)} m_{000}^{(20)} m_{020}^{(00)} m_{212}^{(22)} - 2m_{000}^{(11)} m_{000}^{(20)} m_{020}^{(00)} m_{203}^{(21)} - 2m_{000}^{(11)} m_{000}^{(20)} m_{020}^{(00)} m_{113}^{(20)} \\
&+2m_{000}^{(11)} m_{000}^{(20)} m_{020}^{(00)} m_{104}^{(10)} - 2m_{000}^{(11)} m_{000}^{(20)} m_{020}^{(10)} m_{302}^{(22)} + 4m_{000}^{(11)} m_{000}^{(20)} m_{020}^{(10)} m_{203}^{(20)} \\
&-2m_{000}^{(11)} m_{000}^{(20)} m_{020}^{(10)} m_{104}^{(00)} - 2m_{000}^{(11)} m_{000}^{(20)} m_{020}^{(20)} m_{311}^{(22)} + 4m_{000}^{(11)} m_{000}^{(20)} m_{020}^{(20)} m_{302}^{(21)} \\
&-4m_{000}^{(11)} m_{000}^{(20)} m_{020}^{(20)} m_{203}^{(10)} + 2m_{000}^{(11)} m_{000}^{(20)} m_{020}^{(20)} m_{113}^{(00)} + 2m_{000}^{(11)} m_{000}^{(20)} m_{020}^{(21)} m_{401}^{(22)} \\
&-4m_{000}^{(11)} m_{000}^{(20)} m_{020}^{(21)} m_{302}^{(20)} + 2m_{000}^{(11)} m_{000}^{(20)} m_{020}^{(21)} m_{203}^{(00)} - 2m_{000}^{(11)} m_{000}^{(20)} m_{020}^{(22)} m_{401}^{(21)}
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&+2m_{000}^{(11)}m_{000}^{(20)}m_{020}^{(22)}m_{311}^{(20)} + 2m_{000}^{(11)}m_{000}^{(20)}m_{020}^{(22)}m_{302}^{(10)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{020}^{(22)}m_{212}^{(00)}\\
&-2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(00)}m_{011}^{(22)}m_{221}^{(20)} + 2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(00)}m_{011}^{(21)}m_{212}^{(20)} + 2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(00)}m_{011}^{(20)}m_{122}^{(20)}\\
&-2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(00)}m_{011}^{(10)}m_{113}^{(10)} + 2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(10)}m_{011}^{(22)}m_{311}^{(20)} - 4m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(10)}m_{011}^{(20)}m_{212}^{(20)}\\
&+2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(10)}m_{011}^{(00)}m_{113}^{(20)} + 2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(20)}m_{011}^{(22)}m_{320}^{(20)} - 4m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(20)}m_{011}^{(20)}m_{311}^{(21)}\\
&+4m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(20)}m_{011}^{(10)}m_{212}^{(20)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(20)}m_{011}^{(00)}m_{122}^{(20)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(21)}m_{011}^{(22)}m_{410}^{(20)}\\
&+4m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(21)}m_{011}^{(20)}m_{311}^{(20)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(21)}m_{011}^{(00)}m_{212}^{(20)} + 2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{011}^{(21)}m_{410}^{(20)}\\
&-2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{011}^{(20)}m_{320}^{(20)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{011}^{(10)}m_{311}^{(20)} + 2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{011}^{(00)}m_{221}^{(20)}\\
&-m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(00)}m_{002}^{(22)}m_{230}^{(20)} + 2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(00)}m_{002}^{(21)}m_{221}^{(20)} - m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(00)}m_{002}^{(11)}m_{212}^{(20)}\\
&+2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(10)}m_{002}^{(22)}m_{320}^{(20)} - 4m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(10)}m_{002}^{(21)}m_{311}^{(20)} + 2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(10)}m_{002}^{(11)}m_{302}^{(20)}\\
&-m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(11)}m_{002}^{(22)}m_{410}^{(20)} + 2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(11)}m_{002}^{(21)}m_{401}^{(20)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(11)}m_{002}^{(10)}m_{302}^{(20)}\\
&+m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(11)}m_{002}^{(00)}m_{212}^{(20)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(21)}m_{002}^{(11)}m_{401}^{(20)} + 4m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(21)}m_{002}^{(10)}m_{311}^{(20)}\\
&-2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(21)}m_{002}^{(00)}m_{221}^{(20)} + m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{002}^{(11)}m_{410}^{(20)} - 2m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{002}^{(10)}m_{320}^{(20)}\\
&+m_{000}^{(11)}m_{000}^{(20)}m_{000}^{(22)}m_{002}^{(00)}m_{230}^{(20)} + 3m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(00)}m_{200}^{(22)}m_{122}^{(20)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(00)}m_{200}^{(21)}m_{113}^{(20)}\\
&-m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(00)}m_{200}^{(11)}m_{104}^{(20)} - 4m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(00)}m_{200}^{(20)}m_{023}^{(20)} + 4m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(00)}m_{200}^{(10)}m_{014}^{(20)}\\
&-4m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(10)}m_{200}^{(20)}m_{212}^{(20)} + 8m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(10)}m_{200}^{(20)}m_{113}^{(20)} - 4m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(10)}m_{200}^{(00)}m_{014}^{(20)}\\
&+m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(11)}m_{200}^{(22)}m_{302}^{(20)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(11)}m_{200}^{(20)}m_{203}^{(20)} + m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(11)}m_{200}^{(00)}m_{104}^{(20)}\\
&-2m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(20)}m_{200}^{(22)}m_{221}^{(20)} + 4m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(20)}m_{200}^{(21)}m_{212}^{(20)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(20)}m_{200}^{(11)}m_{203}^{(20)}\\
&-8m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(20)}m_{200}^{(10)}m_{113}^{(20)} + 4m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(20)}m_{200}^{(00)}m_{023}^{(20)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(21)}m_{200}^{(22)}m_{311}^{(20)}\\
&-4m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(21)}m_{200}^{(20)}m_{212}^{(20)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(21)}m_{200}^{(00)}m_{113}^{(20)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{200}^{(21)}m_{311}^{(20)}\\
&-m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{200}^{(11)}m_{302}^{(20)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{200}^{(20)}m_{221}^{(20)} + 4m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{200}^{(10)}m_{212}^{(20)}\\
&-3m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{200}^{(00)}m_{122}^{(20)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(00)}m_{110}^{(22)}m_{212}^{(20)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(00)}m_{110}^{(21)}m_{203}^{(20)}\\
&+2m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(00)}m_{110}^{(20)}m_{113}^{(20)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(00)}m_{110}^{(10)}m_{104}^{(20)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(10)}m_{110}^{(22)}m_{302}^{(20)}\\
&-4m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(10)}m_{110}^{(20)}m_{203}^{(20)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(10)}m_{110}^{(00)}m_{104}^{(20)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(20)}m_{110}^{(22)}m_{311}^{(20)}\\
&-4m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(20)}m_{110}^{(21)}m_{302}^{(20)} + 4m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(20)}m_{110}^{(10)}m_{203}^{(20)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(20)}m_{110}^{(00)}m_{113}^{(20)}\\
&-2m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(21)}m_{110}^{(22)}m_{401}^{(20)} + 4m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(21)}m_{110}^{(20)}m_{302}^{(20)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(21)}m_{110}^{(00)}m_{203}^{(20)}\\
&+2m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{110}^{(21)}m_{401}^{(20)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{110}^{(20)}m_{311}^{(20)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{110}^{(10)}m_{302}^{(20)}\\
&+2m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{110}^{(00)}m_{212}^{(20)} - 4m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(00)}m_{101}^{(22)}m_{221}^{(20)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(00)}m_{101}^{(21)}m_{212}^{(20)}\\
&+2m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(00)}m_{101}^{(11)}m_{203}^{(20)} + 6m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(00)}m_{101}^{(20)}m_{122}^{(20)} - 6m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(00)}m_{101}^{(10)}m_{113}^{(20)}\\
&+6m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(10)}m_{101}^{(22)}m_{311}^{(20)} - 12m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(10)}m_{101}^{(20)}m_{212}^{(20)} + 6m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(10)}m_{101}^{(00)}m_{113}^{(20)}\\
&-2m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(11)}m_{101}^{(22)}m_{401}^{(20)} + 4m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(11)}m_{101}^{(20)}m_{302}^{(20)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(11)}m_{101}^{(00)}m_{203}^{(20)}\\
&+2m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(20)}m_{101}^{(22)}m_{320}^{(20)} - 4m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(20)}m_{101}^{(21)}m_{311}^{(20)} - 4m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(20)}m_{101}^{(11)}m_{302}^{(20)}\\
&+12m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(20)}m_{101}^{(10)}m_{212}^{(20)} - 6m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(20)}m_{101}^{(00)}m_{122}^{(20)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(21)}m_{101}^{(22)}m_{410}^{(20)}\\
&+4m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(21)}m_{101}^{(20)}m_{311}^{(20)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(21)}m_{101}^{(00)}m_{212}^{(20)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{101}^{(21)}m_{410}^{(20)}\\
&+2m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{101}^{(11)}m_{401}^{(20)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{101}^{(20)}m_{320}^{(20)} - 6m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{101}^{(10)}m_{311}^{(20)}\\
&+4m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(22)}m_{101}^{(00)}m_{221}^{(20)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(00)}m_{011}^{(22)}m_{311}^{(20)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(00)}m_{011}^{(21)}m_{302}^{(20)}\\
&-2m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(00)}m_{011}^{(20)}m_{212}^{(20)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(00)}m_{011}^{(10)}m_{203}^{(20)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(10)}m_{011}^{(22)}m_{401}^{(20)}\\
&+4m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(10)}m_{011}^{(20)}m_{302}^{(20)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(10)}m_{011}^{(00)}m_{203}^{(20)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(20)}m_{011}^{(22)}m_{410}^{(20)}\\
&+4m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(20)}m_{011}^{(21)}m_{401}^{(20)} - 4m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(20)}m_{011}^{(10)}m_{302}^{(20)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{000}^{(20)}m_{011}^{(00)}m_{212}^{(20)}
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&+2m_{000}^{(11)}m_{000}^{(21)}m_{011}^{(21)}m_{500}^{(22)} - 4m_{000}^{(11)}m_{000}^{(21)}m_{011}^{(21)}m_{401}^{(20)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{011}^{(21)}m_{302}^{(00)}\\
&-2m_{000}^{(11)}m_{000}^{(21)}m_{011}^{(22)}m_{500}^{(21)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{011}^{(22)}m_{410}^{(20)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{011}^{(22)}m_{401}^{(10)}\\
&-2m_{000}^{(11)}m_{000}^{(21)}m_{011}^{(22)}m_{311}^{(00)} + m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(00)}m_{320}^{(22)} - m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(00)}m_{302}^{(11)}\\
&-2m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(00)}m_{221}^{(20)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(00)}m_{212}^{(10)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(10)}m_{410}^{(22)}\\
&+4m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(10)}m_{311}^{(20)} - 2m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(10)}m_{212}^{(00)} + m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(11)}m_{500}^{(22)}\\
&-2m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(11)}m_{401}^{(20)} + m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(11)}m_{302}^{(00)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(20)}m_{401}^{(11)}\\
&-4m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(20)}m_{311}^{(10)} + 2m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(20)}m_{221}^{(00)} - m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(22)}m_{500}^{(11)}\\
&+2m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(22)}m_{410}^{(10)} - m_{000}^{(11)}m_{000}^{(21)}m_{002}^{(22)}m_{320}^{(00)} - m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(00)}m_{131}^{(22)}\\
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&+m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(10)}m_{221}^{(22)} + 2m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(10)}m_{212}^{(21)} - m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(10)}m_{203}^{(11)}\\
&-4m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(10)}m_{122}^{(20)} + 2m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(10)}m_{023}^{(00)} - m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(11)}m_{302}^{(21)}\\
&+m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(11)}m_{212}^{(20)} + m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(11)}m_{203}^{(10)} - m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(11)}m_{113}^{(00)}\\
&+m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(20)}m_{230}^{(22)} - 2m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(20)}m_{221}^{(21)} - m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(20)}m_{212}^{(11)}\\
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&+m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(21)}m_{302}^{(11)} + 2m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(21)}m_{221}^{(20)} - 2m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(21)}m_{212}^{(10)}\\
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&+m_{000}^{(11)}m_{000}^{(22)}m_{200}^{(22)}m_{131}^{(00)} + 2m_{000}^{(11)}m_{000}^{(22)}m_{000}^{(00)}m_{221}^{(22)} - 2m_{000}^{(11)}m_{000}^{(22)}m_{000}^{(00)}m_{212}^{(21)}\\
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&+m_{000}^{(11)}m_{000}^{(22)}m_{020}^{(22)}m_{500}^{(21)} - m_{000}^{(11)}m_{000}^{(22)}m_{020}^{(22)}m_{410}^{(20)} - m_{000}^{(11)}m_{000}^{(22)}m_{020}^{(22)}m_{401}^{(10)}\\
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&+m_{000}^{(11)}m_{000}^{(22)}m_{002}^{(00)}m_{230}^{(20)} - m_{000}^{(11)}m_{000}^{(22)}m_{002}^{(00)}m_{221}^{(10)} + 2m_{000}^{(11)}m_{000}^{(22)}m_{002}^{(10)}m_{410}^{(21)}\\
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&-m_{000}^{(11)}m_{000}^{(22)}m_{002}^{(11)}m_{500}^{(21)} + m_{000}^{(11)}m_{000}^{(22)}m_{002}^{(11)}m_{410}^{(20)} + m_{000}^{(11)}m_{000}^{(22)}m_{002}^{(11)}m_{401}^{(10)}
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&-m_{000}^{(11)}m_{000}^{(22)}m_{002}^{(11)}m_{311}^{(00)} - m_{000}^{(11)}m_{000}^{(22)}m_{002}^{(20)}m_{410}^{(11)} + 2m_{000}^{(11)}m_{000}^{(22)}m_{002}^{(20)}m_{320}^{(10)}\\
&-m_{000}^{(11)}m_{000}^{(22)}m_{002}^{(20)}m_{230}^{(00)} + m_{000}^{(11)}m_{000}^{(22)}m_{002}^{(21)}m_{500}^{(11)} - 2m_{000}^{(11)}m_{000}^{(22)}m_{002}^{(21)}m_{410}^{(10)}\\
&+m_{000}^{(11)}m_{000}^{(22)}m_{002}^{(21)}m_{320}^{(00)} - 2(m_{000}^{(20)})^2m_{110}^{(00)}m_{041}^{(22)} + 4(m_{000}^{(20)})^2m_{110}^{(00)}m_{032}^{(21)}\\
&-2(m_{000}^{(20)})^2m_{110}^{(00)}m_{023}^{(11)} + 4(m_{000}^{(20)})^2m_{110}^{(10)}m_{131}^{(22)} - 8(m_{000}^{(20)})^2m_{110}^{(10)}m_{122}^{(21)}\\
&+4(m_{000}^{(20)})^2m_{110}^{(10)}m_{113}^{(11)} - 2(m_{000}^{(20)})^2m_{110}^{(11)}m_{221}^{(22)} + 4(m_{000}^{(20)})^2m_{110}^{(11)}m_{212}^{(21)}\\
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&+8(m_{000}^{(20)})^2m_{110}^{(21)}m_{122}^{(10)} - 4(m_{000}^{(20)})^2m_{110}^{(21)}m_{032}^{(00)} + 2(m_{000}^{(20)})^2m_{110}^{(22)}m_{221}^{(11)}\\
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&+8(m_{000}^{(20)})^2m_{101}^{(10)}m_{131}^{(21)} - 4(m_{000}^{(20)})^2m_{101}^{(10)}m_{122}^{(11)} + 2(m_{000}^{(20)})^2m_{101}^{(11)}m_{230}^{(22)}\\
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&+4(m_{000}^{(20)})^2m_{101}^{(21)}m_{221}^{(11)} - 8(m_{000}^{(20)})^2m_{101}^{(21)}m_{131}^{(10)} + 4(m_{000}^{(20)})^2m_{101}^{(21)}m_{041}^{(00)}\\
&-2(m_{000}^{(20)})^2m_{101}^{(22)}m_{230}^{(11)} + 4(m_{000}^{(20)})^2m_{101}^{(22)}m_{140}^{(10)} - 2(m_{000}^{(20)})^2m_{101}^{(22)}m_{050}^{(00)}\\
&+2(m_{000}^{(20)})^2m_{020}^{(00)}m_{131}^{(22)} - 4(m_{000}^{(20)})^2m_{020}^{(00)}m_{122}^{(21)} + 2(m_{000}^{(20)})^2m_{020}^{(00)}m_{113}^{(11)}\\
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&+2(m_{000}^{(20)})^2m_{020}^{(11)}m_{311}^{(22)} - 4(m_{000}^{(20)})^2m_{020}^{(11)}m_{302}^{(21)} + 4(m_{000}^{(20)})^2m_{020}^{(11)}m_{203}^{(10)}\\
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&+4(m_{000}^{(20)})^2m_{020}^{(21)}m_{122}^{(00)} - 2(m_{000}^{(20)})^2m_{020}^{(22)}m_{311}^{(11)} + 4(m_{000}^{(20)})^2m_{020}^{(22)}m_{221}^{(10)}\\
&-2(m_{000}^{(20)})^2m_{020}^{(22)}m_{131}^{(00)} - 2(m_{000}^{(20)})^2m_{011}^{(00)}m_{140}^{(22)} + 4(m_{000}^{(20)})^2m_{011}^{(00)}m_{131}^{(21)}\\
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&+4m_{000}^{(20)}m_{000}^{(21)}m_{200}^{(21)}m_{212}^{(11)} - 8m_{000}^{(20)}m_{000}^{(21)}m_{200}^{(21)}m_{122}^{(10)} + 4m_{000}^{(20)}m_{000}^{(21)}m_{200}^{(21)}m_{032}^{(00)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{200}^{(22)}m_{221}^{(11)} + 4m_{000}^{(20)}m_{000}^{(21)}m_{200}^{(22)}m_{131}^{(10)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{200}^{(22)}m_{041}^{(00)}\\
&+4m_{000}^{(20)}m_{000}^{(21)}m_{110}^{(00)}m_{122}^{(21)} - 4m_{000}^{(20)}m_{000}^{(21)}m_{110}^{(00)}m_{113}^{(11)} - 4m_{000}^{(20)}m_{000}^{(21)}m_{110}^{(00)}m_{032}^{(20)}\\
&+4m_{000}^{(20)}m_{000}^{(21)}m_{110}^{(00)}m_{023}^{(10)} - 8m_{000}^{(20)}m_{000}^{(21)}m_{110}^{(10)}m_{212}^{(21)} + 4m_{000}^{(20)}m_{000}^{(21)}m_{110}^{(10)}m_{203}^{(11)}\\
&+8m_{000}^{(20)}m_{000}^{(21)}m_{110}^{(10)}m_{122}^{(20)} - 4m_{000}^{(20)}m_{000}^{(21)}m_{110}^{(10)}m_{023}^{(00)} + 4m_{000}^{(20)}m_{000}^{(21)}m_{110}^{(11)}m_{302}^{(21)}\\
&-4m_{000}^{(20)}m_{000}^{(21)}m_{110}^{(11)}m_{212}^{(20)} - 4m_{000}^{(20)}m_{000}^{(21)}m_{110}^{(11)}m_{203}^{(10)} + 4m_{000}^{(20)}m_{000}^{(21)}m_{110}^{(11)}m_{113}^{(00)}\\
&+4m_{000}^{(20)}m_{000}^{(21)}m_{110}^{(20)}m_{212}^{(11)} - 8m_{000}^{(20)}m_{000}^{(21)}m_{110}^{(20)}m_{122}^{(10)} + 4m_{000}^{(20)}m_{000}^{(21)}m_{110}^{(20)}m_{032}^{(00)}\\
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&-4m_{000}^{(20)}m_{000}^{(21)}m_{101}^{(00)}m_{140}^{(22)} + 4m_{000}^{(20)}m_{000}^{(21)}m_{101}^{(00)}m_{131}^{(21)} + 4m_{000}^{(20)}m_{000}^{(21)}m_{101}^{(00)}m_{041}^{(20)}\\
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&+4m_{000}^{(20)}m_{000}^{(21)}m_{101}^{(10)}m_{212}^{(11)} - 8m_{000}^{(20)}m_{000}^{(21)}m_{101}^{(10)}m_{131}^{(20)} + 4m_{000}^{(20)}m_{000}^{(21)}m_{101}^{(10)}m_{032}^{(00)}
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&-4m_{000}^{(20)}m_{000}^{(21)}m_{101}^{(11)}m_{320}^{(22)} + 4m_{000}^{(20)}m_{000}^{(21)}m_{101}^{(11)}m_{311}^{(21)} + 4m_{000}^{(20)}m_{000}^{(21)}m_{101}^{(11)}m_{221}^{(20)}\\
&-4m_{000}^{(20)}m_{000}^{(21)}m_{101}^{(11)}m_{212}^{(10)} - 4m_{000}^{(20)}m_{000}^{(21)}m_{101}^{(20)}m_{221}^{(11)} + 8m_{000}^{(20)}m_{000}^{(21)}m_{101}^{(20)}m_{131}^{(10)}\\
&-4m_{000}^{(20)}m_{000}^{(21)}m_{101}^{(20)}m_{041}^{(00)} - 4m_{000}^{(20)}m_{000}^{(21)}m_{101}^{(21)}m_{311}^{(11)} + 8m_{000}^{(20)}m_{000}^{(21)}m_{101}^{(21)}m_{221}^{(10)}\\
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&+4m_{000}^{(20)}m_{000}^{(21)}m_{101}^{(22)}m_{140}^{(00)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{020}^{(00)}m_{221}^{(22)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{020}^{(00)}m_{020}^{(11)}m_{203}\\
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&-8m_{000}^{(20)}m_{000}^{(21)}m_{020}^{(10)}m_{212}^{(20)} + 4m_{000}^{(20)}m_{000}^{(21)}m_{020}^{(10)}m_{113}^{(00)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{020}^{(11)}m_{401}^{(22)}\\
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&+2m_{000}^{(20)}m_{000}^{(22)}m_{200}^{(10)}m_{140}^{(22)} - 4m_{000}^{(20)}m_{000}^{(22)}m_{200}^{(10)}m_{131}^{(21)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{200}^{(10)}m_{122}^{(11)}\\
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&-2m_{000}^{(20)}m_{000}^{(22)}m_{200}^{(21)}m_{041}^{(00)} + m_{000}^{(20)}m_{000}^{(22)}m_{200}^{(22)}m_{230}^{(11)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{200}^{(22)}m_{140}^{(10)}\\
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&-4m_{000}^{(20)}m_{000}^{(22)}m_{110}^{(10)}m_{131}^{(20)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{110}^{(10)}m_{032}^{(00)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{110}^{(11)}m_{320}^{(22)}\\
&-6m_{000}^{(20)}m_{000}^{(22)}m_{110}^{(11)}m_{311}^{(21)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{110}^{(11)}m_{221}^{(20)} + 6m_{000}^{(20)}m_{000}^{(22)}m_{110}^{(11)}m_{212}^{(10)}\\
&-4m_{000}^{(20)}m_{000}^{(22)}m_{110}^{(11)}m_{122}^{(00)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{110}^{(20)}m_{221}^{(11)} + 4m_{000}^{(20)}m_{000}^{(22)}m_{110}^{(20)}m_{131}^{(10)}\\
&-2m_{000}^{(20)}m_{000}^{(22)}m_{110}^{(20)}m_{041}^{(00)} + 6m_{000}^{(20)}m_{000}^{(22)}m_{110}^{(21)}m_{311}^{(11)} - 12m_{000}^{(20)}m_{000}^{(22)}m_{110}^{(21)}m_{221}^{(10)}\\
&+6m_{000}^{(20)}m_{000}^{(22)}m_{110}^{(21)}m_{131}^{(00)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{110}^{(22)}m_{320}^{(11)} + 4m_{000}^{(20)}m_{000}^{(22)}m_{110}^{(22)}m_{230}^{(10)}\\
&-2m_{000}^{(20)}m_{000}^{(22)}m_{110}^{(22)}m_{140}^{(00)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{101}^{(00)}m_{140}^{(21)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{101}^{(00)}m_{131}^{(11)}\\
&-2m_{000}^{(20)}m_{000}^{(22)}m_{101}^{(00)}m_{050}^{(20)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{101}^{(00)}m_{041}^{(10)} - 4m_{000}^{(20)}m_{000}^{(22)}m_{101}^{(10)}m_{230}^{(21)}\\
&+2m_{000}^{(20)}m_{000}^{(22)}m_{101}^{(10)}m_{221}^{(11)} + 4m_{000}^{(20)}m_{000}^{(22)}m_{101}^{(10)}m_{140}^{(20)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{101}^{(10)}m_{041}^{(00)}\\
&+2m_{000}^{(20)}m_{000}^{(22)}m_{101}^{(11)}m_{320}^{(21)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{101}^{(11)}m_{230}^{(20)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{101}^{(11)}m_{221}^{(10)}\\
&+2m_{000}^{(20)}m_{000}^{(22)}m_{101}^{(11)}m_{131}^{(00)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{101}^{(20)}m_{230}^{(11)} - 4m_{000}^{(20)}m_{000}^{(22)}m_{101}^{(20)}m_{140}^{(10)}\\
&+2m_{000}^{(20)}m_{000}^{(22)}m_{101}^{(20)}m_{050}^{(00)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{101}^{(21)}m_{320}^{(11)} + 4m_{000}^{(20)}m_{000}^{(22)}m_{101}^{(21)}m_{230}^{(10)}\\
&-2m_{000}^{(20)}m_{000}^{(22)}m_{101}^{(21)}m_{140}^{(00)} - m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(00)}m_{230}^{(22)} + 4m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(00)}m_{221}^{(21)}\\
&-3m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(00)}m_{212}^{(11)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(00)}m_{131}^{(20)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(00)}m_{122}^{(10)}
\end{aligned}
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\begin{aligned}
&+2m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(10)}m_{320}^{(22)} - 8m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(10)}m_{311}^{(21)} + 4m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(10)}m_{302}^{(11)}\\
&+4m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(10)}m_{221}^{(20)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(10)}m_{122}^{(00)} - m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(11)}m_{410}^{(22)}\\
&+4m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(11)}m_{401}^{(21)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(11)}m_{311}^{(20)} - 4m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(11)}m_{302}^{(10)}\\
&+3m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(11)}m_{212}^{(00)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(20)}m_{311}^{(11)} - 4m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(20)}m_{221}^{(10)}\\
&+2m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(20)}m_{131}^{(00)} - 4m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(21)}m_{401}^{(11)} + 8m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(21)}m_{311}^{(10)}\\
&-4m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(21)}m_{221}^{(00)} + m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(22)}m_{410}^{(11)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(22)}m_{320}^{(10)}\\
&+m_{000}^{(20)}m_{000}^{(22)}m_{020}^{(22)}m_{230}^{(00)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{011}^{(00)}m_{230}^{(21)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{011}^{(00)}m_{221}^{(11)}\\
&+2m_{000}^{(20)}m_{000}^{(22)}m_{011}^{(00)}m_{140}^{(20)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{011}^{(00)}m_{131}^{(10)} + 4m_{000}^{(20)}m_{000}^{(22)}m_{011}^{(10)}m_{320}^{(21)}\\
&-2m_{000}^{(20)}m_{000}^{(22)}m_{011}^{(10)}m_{311}^{(11)} - 4m_{000}^{(20)}m_{000}^{(22)}m_{011}^{(10)}m_{230}^{(20)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{011}^{(10)}m_{131}^{(00)}\\
&-2m_{000}^{(20)}m_{000}^{(22)}m_{011}^{(11)}m_{410}^{(21)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{011}^{(11)}m_{320}^{(20)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{011}^{(11)}m_{311}^{(10)}\\
&-2m_{000}^{(20)}m_{000}^{(22)}m_{011}^{(11)}m_{221}^{(00)} - 2m_{000}^{(20)}m_{000}^{(22)}m_{011}^{(20)}m_{320}^{(11)} + 4m_{000}^{(20)}m_{000}^{(22)}m_{011}^{(20)}m_{230}^{(10)}\\
&-2m_{000}^{(20)}m_{000}^{(22)}m_{011}^{(20)}m_{140}^{(00)} + 2m_{000}^{(20)}m_{000}^{(22)}m_{011}^{(21)}m_{410}^{(11)} - 4m_{000}^{(20)}m_{000}^{(22)}m_{011}^{(21)}m_{320}^{(10)}\\
&+2m_{000}^{(20)}m_{000}^{(22)}m_{011}^{(21)}m_{230}^{(00)} - 2(m_{000}^{(21)})^2m_{200}^{(00)}m_{131}^{(22)} + 2(m_{000}^{(21)})^2m_{200}^{(00)}m_{113}^{(11)}\\
&+4(m_{000}^{(21)})^2m_{200}^{(00)}m_{032}^{(20)} - 4(m_{000}^{(21)})^2m_{200}^{(00)}m_{023}^{(10)} + 4(m_{000}^{(21)})^2m_{200}^{(10)}m_{221}^{(22)}\\
&-8(m_{000}^{(21)})^2m_{200}^{(10)}m_{122}^{(20)} + 4(m_{000}^{(21)})^2m_{200}^{(10)}m_{023}^{(00)} - 2(m_{000}^{(21)})^2m_{200}^{(11)}m_{311}^{(22)}\\
&+4(m_{000}^{(21)})^2m_{200}^{(11)}m_{212}^{(20)} - 2(m_{000}^{(21)})^2m_{200}^{(11)}m_{113}^{(00)} - 4(m_{000}^{(21)})^2m_{200}^{(20)}m_{212}^{(11)}\\
&+8(m_{000}^{(21)})^2m_{200}^{(20)}m_{122}^{(10)} - 4(m_{000}^{(21)})^2m_{200}^{(20)}m_{032}^{(00)} + 2(m_{000}^{(21)})^2m_{200}^{(22)}m_{311}^{(11)}\\
&-4(m_{000}^{(21)})^2m_{200}^{(22)}m_{221}^{(10)} + 2(m_{000}^{(21)})^2m_{200}^{(22)}m_{131}^{(00)} + 2(m_{000}^{(21)})^2m_{110}^{(00)}m_{221}^{(22)}\\
&-2(m_{000}^{(21)})^2m_{110}^{(00)}m_{203}^{(11)} - 4(m_{000}^{(21)})^2m_{110}^{(00)}m_{122}^{(20)} + 4(m_{000}^{(21)})^2m_{110}^{(00)}m_{113}^{(10)}\\
&-4(m_{000}^{(21)})^2m_{110}^{(10)}m_{311}^{(22)} + 8(m_{000}^{(21)})^2m_{110}^{(10)}m_{212}^{(20)} - 4(m_{000}^{(21)})^2m_{110}^{(10)}m_{113}^{(00)}\\
&+2(m_{000}^{(21)})^2m_{110}^{(11)}m_{401}^{(22)} - 4(m_{000}^{(21)})^2m_{110}^{(11)}m_{302}^{(20)} + 2(m_{000}^{(21)})^2m_{110}^{(11)}m_{203}^{(00)}\\
&+4(m_{000}^{(21)})^2m_{110}^{(20)}m_{302}^{(11)} - 8(m_{000}^{(21)})^2m_{110}^{(20)}m_{212}^{(10)} + 4(m_{000}^{(21)})^2m_{110}^{(20)}m_{122}^{(00)}\\
&-2(m_{000}^{(21)})^2m_{110}^{(22)}m_{401}^{(11)} + 4(m_{000}^{(21)})^2m_{110}^{(22)}m_{311}^{(10)} - 2(m_{000}^{(21)})^2m_{110}^{(22)}m_{221}^{(00)}\\
&+2(m_{000}^{(21)})^2m_{101}^{(00)}m_{230}^{(22)} - 2(m_{000}^{(21)})^2m_{101}^{(00)}m_{212}^{(11)} - 4(m_{000}^{(21)})^2m_{101}^{(00)}m_{131}^{(20)}\\
&+4(m_{000}^{(21)})^2m_{101}^{(00)}m_{122}^{(10)} - 4(m_{000}^{(21)})^2m_{101}^{(10)}m_{320}^{(22)} + 8(m_{000}^{(21)})^2m_{101}^{(10)}m_{221}^{(20)}\\
&-4(m_{000}^{(21)})^2m_{101}^{(10)}m_{122}^{(00)} + 2(m_{000}^{(21)})^2m_{101}^{(11)}m_{410}^{(22)} - 4(m_{000}^{(21)})^2m_{101}^{(11)}m_{311}^{(20)}\\
&+2(m_{000}^{(21)})^2m_{101}^{(11)}m_{212}^{(00)} + 4(m_{000}^{(21)})^2m_{101}^{(20)}m_{311}^{(11)} - 8(m_{000}^{(21)})^2m_{101}^{(20)}m_{221}^{(10)}\\
&+4(m_{000}^{(21)})^2m_{101}^{(20)}m_{131}^{(00)} - 2(m_{000}^{(21)})^2m_{101}^{(22)}m_{410}^{(11)} + 4(m_{000}^{(21)})^2m_{101}^{(22)}m_{320}^{(10)}\\
&-2(m_{000}^{(21)})^2m_{101}^{(22)}m_{230}^{(00)} - 2(m_{000}^{(21)})^2m_{011}^{(00)}m_{320}^{(22)} + 2(m_{000}^{(21)})^2m_{011}^{(00)}m_{302}^{(11)}\\
&+4(m_{000}^{(21)})^2m_{011}^{(00)}m_{221}^{(20)} - 4(m_{000}^{(21)})^2m_{011}^{(00)}m_{212}^{(10)} + 4(m_{000}^{(21)})^2m_{011}^{(10)}m_{410}^{(22)}\\
&-8(m_{000}^{(21)})^2m_{011}^{(10)}m_{311}^{(20)} + 4(m_{000}^{(21)})^2m_{011}^{(10)}m_{212}^{(00)} - 2(m_{000}^{(21)})^2m_{011}^{(11)}m_{500}^{(22)}\\
&+4(m_{000}^{(21)})^2m_{011}^{(11)}m_{401}^{(20)} - 2(m_{000}^{(21)})^2m_{011}^{(11)}m_{302}^{(00)} - 4(m_{000}^{(21)})^2m_{011}^{(20)}m_{401}^{(11)}\\
&+8(m_{000}^{(21)})^2m_{011}^{(20)}m_{311}^{(10)} - 4(m_{000}^{(21)})^2m_{011}^{(20)}m_{221}^{(00)} + 2(m_{000}^{(21)})^2m_{011}^{(22)}m_{500}^{(11)}\\
&-4(m_{000}^{(21)})^2m_{011}^{(22)}m_{410}^{(10)} + 2(m_{000}^{(21)})^2m_{011}^{(22)}m_{320}^{(00)} + m_{000}^{(21)}m_{000}^{(22)}m_{200}^{(00)}m_{140}^{(22)}\\
&+2m_{000}^{(21)}m_{000}^{(22)}m_{200}^{(00)}m_{131}^{(21)} - 3m_{000}^{(21)}m_{000}^{(22)}m_{200}^{(00)}m_{122}^{(11)} - 4m_{000}^{(21)}m_{000}^{(22)}m_{200}^{(00)}m_{041}^{(20)}\\
&+4m_{000}^{(21)}m_{000}^{(22)}m_{200}^{(00)}m_{032}^{(10)} - 2m_{000}^{(21)}m_{000}^{(22)}m_{200}^{(10)}m_{230}^{(22)} - 4m_{000}^{(21)}m_{000}^{(22)}m_{200}^{(10)}m_{221}^{(21)}\\
&+2m_{000}^{(21)}m_{000}^{(22)}m_{200}^{(10)}m_{212}^{(11)} + 8m_{000}^{(21)}m_{000}^{(22)}m_{200}^{(10)}m_{131}^{(20)} - 4m_{000}^{(21)}m_{000}^{(22)}m_{200}^{(10)}m_{032}^{(00)}\\
&+m_{000}^{(21)}m_{000}^{(22)}m_{200}^{(11)}m_{320}^{(22)} + 2m_{000}^{(21)}m_{000}^{(22)}m_{200}^{(11)}m_{311}^{(21)} - 4m_{000}^{(21)}m_{000}^{(22)}m_{200}^{(11)}m_{221}^{(20)}
\end{aligned}
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\begin{aligned}
&-2m_{000}^{(21)}m_{000}^{(22)}m_{200}^{(11)}m_{212}^{(10)} + 3m_{000}^{(21)}m_{000}^{(22)}m_{200}^{(11)}m_{122}^{(00)} + 4m_{000}^{(21)}m_{000}^{(22)}m_{200}^{(20)}m_{221}^{(11)}\\
&-8m_{000}^{(21)}m_{000}^{(22)}m_{200}^{(20)}m_{131}^{(10)} + 4m_{000}^{(21)}m_{000}^{(22)}m_{200}^{(20)}m_{041}^{(00)} - 2m_{000}^{(21)}m_{000}^{(22)}m_{200}^{(21)}m_{311}^{(11)}\\
&+4m_{000}^{(21)}m_{000}^{(22)}m_{200}^{(21)}m_{221}^{(10)} - 2m_{000}^{(21)}m_{000}^{(22)}m_{200}^{(21)}m_{131}^{(00)} - m_{000}^{(21)}m_{000}^{(22)}m_{200}^{(22)}m_{320}^{(11)}\\
&+2m_{000}^{(21)}m_{000}^{(22)}m_{200}^{(22)}m_{230}^{(10)} - m_{000}^{(21)}m_{000}^{(22)}m_{200}^{(22)}m_{140}^{(00)} - 2m_{000}^{(21)}m_{000}^{(22)}m_{110}^{(00)}m_{230}^{(22)}\\
&-2m_{000}^{(21)}m_{000}^{(22)}m_{110}^{(00)}m_{221}^{(21)} + 4m_{000}^{(21)}m_{000}^{(22)}m_{110}^{(00)}m_{212}^{(11)} + 6m_{000}^{(21)}m_{000}^{(22)}m_{110}^{(00)}m_{131}^{(20)}\\
&-6m_{000}^{(21)}m_{000}^{(22)}m_{110}^{(00)}m_{122}^{(10)} + 4m_{000}^{(21)}m_{000}^{(22)}m_{110}^{(10)}m_{320}^{(22)} + 4m_{000}^{(21)}m_{000}^{(22)}m_{110}^{(10)}m_{311}^{(21)}\\
&-2m_{000}^{(21)}m_{000}^{(22)}m_{110}^{(10)}m_{302}^{(11)} - 12m_{000}^{(21)}m_{000}^{(22)}m_{110}^{(10)}m_{221}^{(20)} + 6m_{000}^{(21)}m_{000}^{(22)}m_{110}^{(10)}m_{122}^{(00)}\\
&-2m_{000}^{(21)}m_{000}^{(22)}m_{110}^{(11)}m_{410}^{(22)} - 2m_{000}^{(21)}m_{000}^{(22)}m_{110}^{(11)}m_{401}^{(21)} + 6m_{000}^{(21)}m_{000}^{(22)}m_{110}^{(11)}m_{311}^{(20)}\\
&+2m_{000}^{(21)}m_{000}^{(22)}m_{110}^{(11)}m_{302}^{(10)} - 4m_{000}^{(21)}m_{000}^{(22)}m_{110}^{(11)}m_{212}^{(00)} - 6m_{000}^{(21)}m_{000}^{(22)}m_{110}^{(20)}m_{311}^{(11)}\\
&+12m_{000}^{(21)}m_{000}^{(22)}m_{110}^{(20)}m_{221}^{(10)} - 6m_{000}^{(21)}m_{000}^{(22)}m_{110}^{(20)}m_{131}^{(00)} + 2m_{000}^{(21)}m_{000}^{(22)}m_{110}^{(21)}m_{401}^{(11)}\\
&-4m_{000}^{(21)}m_{000}^{(22)}m_{110}^{(21)}m_{311}^{(10)} + 2m_{000}^{(21)}m_{000}^{(22)}m_{110}^{(21)}m_{221}^{(00)} + 2m_{000}^{(21)}m_{000}^{(22)}m_{110}^{(22)}m_{410}^{(11)}\\
&-4m_{000}^{(21)}m_{000}^{(22)}m_{110}^{(22)}m_{320}^{(10)} + 2m_{000}^{(21)}m_{000}^{(22)}m_{110}^{(22)}m_{230}^{(00)} - 2m_{000}^{(21)}m_{000}^{(22)}m_{101}^{(00)}m_{230}^{(21)}\\
&+2m_{000}^{(21)}m_{000}^{(22)}m_{101}^{(00)}m_{221}^{(11)} + 2m_{000}^{(21)}m_{000}^{(22)}m_{101}^{(00)}m_{140}^{(20)} - 2m_{000}^{(21)}m_{000}^{(22)}m_{101}^{(00)}m_{131}^{(10)}\\
&+4m_{000}^{(21)}m_{000}^{(22)}m_{101}^{(10)}m_{320}^{(21)} - 2m_{000}^{(21)}m_{000}^{(22)}m_{101}^{(10)}m_{311}^{(11)} - 4m_{000}^{(21)}m_{000}^{(22)}m_{101}^{(10)}m_{230}^{(20)}\\
&+2m_{000}^{(21)}m_{000}^{(22)}m_{101}^{(10)}m_{131}^{(00)} - 2m_{000}^{(21)}m_{000}^{(22)}m_{101}^{(11)}m_{410}^{(21)} + 2m_{000}^{(21)}m_{000}^{(22)}m_{101}^{(11)}m_{320}^{(20)}\\
&+2m_{000}^{(21)}m_{000}^{(22)}m_{101}^{(11)}m_{311}^{(10)} - 2m_{000}^{(21)}m_{000}^{(22)}m_{101}^{(11)}m_{221}^{(00)} - 2m_{000}^{(21)}m_{000}^{(22)}m_{101}^{(20)}m_{320}^{(11)}\\
&+4m_{000}^{(21)}m_{000}^{(22)}m_{101}^{(20)}m_{230}^{(10)} - 2m_{000}^{(21)}m_{000}^{(22)}m_{101}^{(20)}m_{140}^{(00)} + 2m_{000}^{(21)}m_{000}^{(22)}m_{101}^{(21)}m_{410}^{(11)}\\
&-4m_{000}^{(21)}m_{000}^{(22)}m_{101}^{(21)}m_{320}^{(10)} + 2m_{000}^{(21)}m_{000}^{(22)}m_{101}^{(21)}m_{230}^{(00)} + m_{000}^{(21)}m_{000}^{(22)}m_{020}^{(00)}m_{320}^{(22)}\\
&-m_{000}^{(21)}m_{000}^{(22)}m_{020}^{(00)}m_{302}^{(11)} - 2m_{000}^{(21)}m_{000}^{(22)}m_{020}^{(00)}m_{221}^{(20)} + 2m_{000}^{(21)}m_{000}^{(22)}m_{020}^{(00)}m_{212}^{(10)}\\
&-2m_{000}^{(21)}m_{000}^{(22)}m_{020}^{(10)}m_{410}^{(22)} + 4m_{000}^{(21)}m_{000}^{(22)}m_{020}^{(10)}m_{311}^{(20)} - 2m_{000}^{(21)}m_{000}^{(22)}m_{020}^{(10)}m_{212}^{(00)}\\
&+m_{000}^{(21)}m_{000}^{(22)}m_{020}^{(11)}m_{500}^{(22)} - 2m_{000}^{(21)}m_{000}^{(22)}m_{020}^{(11)}m_{401}^{(20)} + m_{000}^{(21)}m_{000}^{(22)}m_{020}^{(11)}m_{302}^{(00)}\\
&+2m_{000}^{(21)}m_{000}^{(22)}m_{020}^{(20)}m_{401}^{(11)} - 4m_{000}^{(21)}m_{000}^{(22)}m_{020}^{(20)}m_{311}^{(10)} + 2m_{000}^{(21)}m_{000}^{(22)}m_{020}^{(20)}m_{221}^{(00)}\\
&-m_{000}^{(21)}m_{000}^{(22)}m_{020}^{(22)}m_{500}^{(11)} + 2m_{000}^{(21)}m_{000}^{(22)}m_{020}^{(22)}m_{410}^{(10)} - m_{000}^{(21)}m_{000}^{(22)}m_{020}^{(22)}m_{320}^{(00)}\\
&+2m_{000}^{(21)}m_{000}^{(22)}m_{011}^{(00)}m_{320}^{(21)} - 2m_{000}^{(21)}m_{000}^{(22)}m_{011}^{(00)}m_{311}^{(11)} - 2m_{000}^{(21)}m_{000}^{(22)}m_{011}^{(00)}m_{230}^{(20)}\\
&+2m_{000}^{(21)}m_{000}^{(22)}m_{011}^{(00)}m_{221}^{(10)} - 4m_{000}^{(21)}m_{000}^{(22)}m_{011}^{(10)}m_{410}^{(21)} + 2m_{000}^{(21)}m_{000}^{(22)}m_{011}^{(10)}m_{401}^{(11)}\\
&+4m_{000}^{(21)}m_{000}^{(22)}m_{011}^{(10)}m_{320}^{(20)} - 2m_{000}^{(21)}m_{000}^{(22)}m_{011}^{(10)}m_{221}^{(00)} + 2m_{000}^{(21)}m_{000}^{(22)}m_{011}^{(11)}m_{500}^{(21)}\\
&-2m_{000}^{(21)}m_{000}^{(22)}m_{011}^{(11)}m_{410}^{(20)} - 2m_{000}^{(21)}m_{000}^{(22)}m_{011}^{(11)}m_{401}^{(10)} + 2m_{000}^{(21)}m_{000}^{(22)}m_{011}^{(11)}m_{311}^{(00)}\\
&+2m_{000}^{(21)}m_{000}^{(22)}m_{011}^{(20)}m_{410}^{(11)} - 4m_{000}^{(21)}m_{000}^{(22)}m_{011}^{(20)}m_{320}^{(10)} + 2m_{000}^{(21)}m_{000}^{(22)}m_{011}^{(20)}m_{230}^{(00)}\\
&-2m_{000}^{(21)}m_{000}^{(22)}m_{011}^{(21)}m_{500}^{(11)} + 4m_{000}^{(21)}m_{000}^{(22)}m_{011}^{(21)}m_{410}^{(10)} - 2m_{000}^{(21)}m_{000}^{(22)}m_{011}^{(21)}m_{320}^{(00)}\\
&-(m_{000}^{(22)})^2m_{200}^{(00)}m_{140}^{(21)} + (m_{000}^{(22)})^2m_{200}^{(00)}m_{131}^{(11)} + (m_{000}^{(22)})^2m_{200}^{(00)}m_{050}^{(20)}\\
&-(m_{000}^{(22)})^2m_{200}^{(00)}m_{041}^{(10)} + 2(m_{000}^{(22)})^2m_{200}^{(10)}m_{230}^{(21)} - (m_{000}^{(22)})^2m_{200}^{(10)}m_{221}^{(11)}\\
&-2(m_{000}^{(22)})^2m_{200}^{(10)}m_{140}^{(20)} + (m_{000}^{(22)})^2m_{200}^{(10)}m_{041}^{(00)} - (m_{000}^{(22)})^2m_{200}^{(11)}m_{320}^{(21)}\\
&+(m_{000}^{(22)})^2m_{200}^{(11)}m_{230}^{(20)} + (m_{000}^{(22)})^2m_{200}^{(11)}m_{221}^{(10)} - (m_{000}^{(22)})^2m_{200}^{(11)}m_{131}^{(00)}\\
&-(m_{000}^{(22)})^2m_{200}^{(20)}m_{230}^{(11)} + 2(m_{000}^{(22)})^2m_{200}^{(20)}m_{140}^{(10)} - (m_{000}^{(22)})^2m_{200}^{(20)}m_{050}^{(00)}\\
&+(m_{000}^{(22)})^2m_{200}^{(21)}m_{320}^{(11)} - 2(m_{000}^{(22)})^2m_{200}^{(21)}m_{230}^{(10)} + (m_{000}^{(22)})^2m_{200}^{(21)}m_{140}^{(00)}\\
&+2(m_{000}^{(22)})^2m_{110}^{(00)}m_{230}^{(21)} - 2(m_{000}^{(22)})^2m_{110}^{(00)}m_{221}^{(11)} - 2(m_{000}^{(22)})^2m_{110}^{(00)}m_{140}^{(20)}\\
&+2(m_{000}^{(22)})^2m_{110}^{(00)}m_{131}^{(10)} - 4(m_{000}^{(22)})^2m_{110}^{(10)}m_{320}^{(21)} + 2(m_{000}^{(22)})^2m_{110}^{(10)}m_{311}^{(11)}\\
&+4(m_{000}^{(22)})^2m_{110}^{(10)}m_{230}^{(20)} - 2(m_{000}^{(22)})^2m_{110}^{(10)}m_{131}^{(00)} + 2(m_{000}^{(22)})^2m_{110}^{(11)}m_{410}^{(21)}
\end{aligned}
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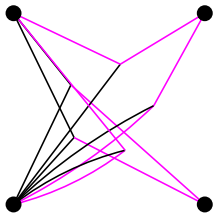
\begin{aligned}
&-2(m_{000}^{(22)})^2 m_{110}^{(11)} m_{320}^{(20)} - 2(m_{000}^{(22)})^2 m_{110}^{(11)} m_{311}^{(10)} + 2(m_{000}^{(22)})^2 m_{110}^{(11)} m_{221}^{(00)} \\
&+2(m_{000}^{(22)})^2 m_{110}^{(20)} m_{320}^{(11)} - 4(m_{000}^{(22)})^2 m_{110}^{(20)} m_{230}^{(10)} + 2(m_{000}^{(22)})^2 m_{110}^{(20)} m_{140}^{(00)} \\
&-2(m_{000}^{(22)})^2 m_{110}^{(21)} m_{410}^{(11)} + 4(m_{000}^{(22)})^2 m_{110}^{(21)} m_{320}^{(10)} - 2(m_{000}^{(22)})^2 m_{110}^{(21)} m_{230}^{(00)} \\
&-(m_{000}^{(22)})^2 m_{020}^{(00)} m_{320}^{(21)} + (m_{000}^{(22)})^2 m_{020}^{(00)} m_{311}^{(11)} + (m_{000}^{(22)})^2 m_{020}^{(00)} m_{230}^{(20)} \\
&-(m_{000}^{(22)})^2 m_{020}^{(00)} m_{221}^{(10)} + 2(m_{000}^{(22)})^2 m_{020}^{(10)} m_{410}^{(21)} - (m_{000}^{(22)})^2 m_{020}^{(10)} m_{401}^{(11)} \\
&-2(m_{000}^{(22)})^2 m_{020}^{(10)} m_{320}^{(20)} + (m_{000}^{(22)})^2 m_{020}^{(10)} m_{221}^{(00)} - (m_{000}^{(22)})^2 m_{020}^{(11)} m_{500}^{(21)} \\
&+(m_{000}^{(22)})^2 m_{020}^{(11)} m_{410}^{(20)} + (m_{000}^{(22)})^2 m_{020}^{(11)} m_{401}^{(10)} - (m_{000}^{(22)})^2 m_{020}^{(11)} m_{311}^{(00)} \\
&-(m_{000}^{(22)})^2 m_{020}^{(20)} m_{410}^{(11)} + 2(m_{000}^{(22)})^2 m_{020}^{(20)} m_{320}^{(10)} - (m_{000}^{(22)})^2 m_{020}^{(20)} m_{230}^{(00)} \\
&+(m_{000}^{(22)})^2 m_{020}^{(21)} m_{500}^{(11)} - 2(m_{000}^{(22)})^2 m_{020}^{(21)} m_{410}^{(10)} + (m_{000}^{(22)})^2 m_{020}^{(21)} m_{320}^{(00)}
\end{aligned}
$$

Generating graph:

$$
\begin{array}{ccccc}
V1 & V1 & 1 & 1 & 1 \\
1 & 1 & V2 & 2 & 2 \\
V2 & V3 & V3 & V4 & V4
\end{array}
$$



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\begin{aligned}
T_{197} \;=\;& -m_{000}^{(00)} m_{000}^{(11)} m_{200}^{(10)} m_{023}^{(22)} + 2m_{000}^{(00)} m_{000}^{(11)} m_{200}^{(10)} m_{014}^{(21)} - m_{000}^{(00)} m_{000}^{(11)} m_{200}^{(10)} m_{005}^{(11)} \\
&+m_{000}^{(00)} m_{000}^{(11)} m_{200}^{(11)} m_{113}^{(22)} - m_{000}^{(00)} m_{000}^{(11)} m_{200}^{(11)} m_{104}^{(21)} - m_{000}^{(00)} m_{000}^{(11)} m_{200}^{(11)} m_{014}^{(20)} \\
&+m_{000}^{(00)} m_{000}^{(11)} m_{200}^{(11)} m_{005}^{(10)} + m_{000}^{(00)} m_{000}^{(11)} m_{200}^{(20)} m_{032}^{(22)} - 2m_{000}^{(00)} m_{000}^{(11)} m_{200}^{(20)} m_{023}^{(21)} \\
&+m_{000}^{(00)} m_{000}^{(11)} m_{200}^{(20)} m_{014}^{(11)} - m_{000}^{(00)} m_{000}^{(11)} m_{200}^{(21)} m_{122}^{(22)} + m_{000}^{(00)} m_{000}^{(11)} m_{200}^{(21)} m_{104}^{(11)} \\
&+2m_{000}^{(00)} m_{000}^{(11)} m_{200}^{(21)} m_{023}^{(20)} - 2m_{000}^{(00)} m_{000}^{(11)} m_{200}^{(21)} m_{014}^{(10)} + m_{000}^{(00)} m_{000}^{(11)} m_{200}^{(22)} m_{122}^{(21)} \\
&-m_{000}^{(00)} m_{000}^{(11)} m_{200}^{(22)} m_{113}^{(11)} - m_{000}^{(00)} m_{000}^{(11)} m_{200}^{(22)} m_{032}^{(20)} + m_{000}^{(00)} m_{000}^{(11)} m_{200}^{(22)} m_{023}^{(10)} \\
&+m_{000}^{(00)} m_{000}^{(11)} m_{110}^{(00)} m_{023}^{(22)} - 2m_{000}^{(00)} m_{000}^{(11)} m_{110}^{(00)} m_{014}^{(21)} + m_{000}^{(00)} m_{000}^{(11)} m_{110}^{(00)} m_{005}^{(11)} \\
&-m_{000}^{(00)} m_{000}^{(11)} m_{110}^{(11)} m_{203}^{(22)} + 2m_{000}^{(00)} m_{000}^{(11)} m_{110}^{(11)} m_{104}^{(20)} - m_{000}^{(00)} m_{000}^{(11)} m_{110}^{(11)} m_{005}^{(00)} \\
&-2m_{000}^{(00)} m_{000}^{(11)} m_{110}^{(20)} m_{122}^{(22)} + 4m_{000}^{(00)} m_{000}^{(11)} m_{110}^{(20)} m_{113}^{(21)} - 2m_{000}^{(00)} m_{000}^{(11)} m_{110}^{(20)} m_{104}^{(11)} \\
&+2m_{000}^{(00)} m_{000}^{(11)} m_{110}^{(21)} m_{212}^{(22)} - 4m_{000}^{(00)} m_{000}^{(11)} m_{110}^{(21)} m_{113}^{(20)} + 2m_{000}^{(00)} m_{000}^{(11)} m_{110}^{(21)} m_{014}^{(00)} \\
&-2m_{000}^{(00)} m_{000}^{(11)} m_{110}^{(22)} m_{212}^{(21)} + m_{000}^{(00)} m_{000}^{(11)} m_{110}^{(22)} m_{203}^{(11)} + 2m_{000}^{(00)} m_{000}^{(11)} m_{110}^{(22)} m_{122}^{(20)} \\
&-m_{000}^{(00)} m_{000}^{(11)} m_{110}^{(22)} m_{023}^{(00)} - m_{000}^{(00)} m_{000}^{(11)} m_{101}^{(00)} m_{032}^{(22)} + 2m_{000}^{(00)} m_{000}^{(11)} m_{101}^{(00)} m_{023}^{(21)} \\
&-m_{000}^{(00)} m_{000}^{(11)} m_{101}^{(00)} m_{014}^{(11)} + 2m_{000}^{(00)} m_{000}^{(11)} m_{101}^{(10)} m_{122}^{(22)} - 4m_{000}^{(00)} m_{000}^{(11)} m_{101}^{(10)} m_{113}^{(21)} \\
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&+4m_{000}^{(00)}m_{000}^{(21)}m_{011}^{(10)}m_{221}^{(22)} - 8m_{000}^{(00)}m_{000}^{(21)}m_{011}^{(10)}m_{122}^{(20)} + 4m_{000}^{(00)}m_{000}^{(21)}m_{011}^{(10)}m_{023}^{(00)}\\
&-2m_{000}^{(00)}m_{000}^{(21)}m_{011}^{(11)}m_{311}^{(22)} + 4m_{000}^{(00)}m_{000}^{(21)}m_{011}^{(11)}m_{212}^{(20)} - 2m_{000}^{(00)}m_{000}^{(21)}m_{011}^{(11)}m_{113}^{(00)}\\
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&+2m_{000}^{(00)}m_{000}^{(21)}m_{002}^{(00)}m_{032}^{(10)} - 4m_{000}^{(00)}m_{000}^{(21)}m_{002}^{(10)}m_{221}^{(21)} + 2m_{000}^{(00)}m_{000}^{(21)}m_{002}^{(10)}m_{212}^{(11)}\\
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&+2m_{000}^{(00)}m_{000}^{(21)}m_{002}^{(20)}m_{221}^{(11)} - 4m_{000}^{(00)}m_{000}^{(21)}m_{002}^{(20)}m_{131}^{(10)} + 2m_{000}^{(00)}m_{000}^{(21)}m_{002}^{(20)}m_{041}^{(00)}\\
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&+2m_{000}^{(00)}m_{000}^{(22)}m_{200}^{(21)}m_{041}^{(20)} - 2m_{000}^{(00)}m_{000}^{(22)}m_{200}^{(21)}m_{032}^{(10)} + m_{000}^{(00)}m_{000}^{(22)}m_{200}^{(22)}m_{140}^{(21)}\\
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&+2m_{000}^{(00)}m_{000}^{(22)}m_{110}^{(21)}m_{230}^{(22)} - 4m_{000}^{(00)}m_{000}^{(22)}m_{110}^{(21)}m_{131}^{(20)} + 2m_{000}^{(00)}m_{000}^{(22)}m_{110}^{(21)}m_{032}^{(00)}\\
&-2m_{000}^{(00)}m_{000}^{(22)}m_{110}^{(22)}m_{230}^{(21)} + m_{000}^{(00)}m_{000}^{(22)}m_{110}^{(22)}m_{221}^{(11)} + 2m_{000}^{(00)}m_{000}^{(22)}m_{110}^{(22)}m_{140}^{(20)}\\
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&+(m_{000}^{(10)})^2m_{200}^{(10)}m_{023}^{(22)} - 2(m_{000}^{(10)})^2m_{200}^{(10)}m_{014}^{(21)} + (m_{000}^{(10)})^2m_{200}^{(10)}m_{005}^{(11)}\\
&-(m_{000}^{(10)})^2m_{200}^{(11)}m_{113}^{(22)} + (m_{000}^{(10)})^2m_{200}^{(11)}m_{104}^{(21)} + (m_{000}^{(10)})^2m_{200}^{(11)}m_{014}^{(20)}\\
&-(m_{000}^{(10)})^2m_{200}^{(11)}m_{005}^{(10)} - (m_{000}^{(10)})^2m_{200}^{(20)}m_{032}^{(22)} + 2(m_{000}^{(10)})^2m_{200}^{(20)}m_{023}^{(21)}\\
&-(m_{000}^{(10)})^2m_{200}^{(20)}m_{014}^{(11)} + (m_{000}^{(10)})^2m_{200}^{(21)}m_{122}^{(22)} - (m_{000}^{(10)})^2m_{200}^{(21)}m_{104}^{(11)}\\
&-2(m_{000}^{(10)})^2m_{200}^{(21)}m_{023}^{(20)} + 2(m_{000}^{(10)})^2m_{200}^{(21)}m_{014}^{(10)} - (m_{000}^{(10)})^2m_{200}^{(22)}m_{122}^{(21)}\\
&+(m_{000}^{(10)})^2m_{200}^{(22)}m_{113}^{(11)} + (m_{000}^{(10)})^2m_{200}^{(22)}m_{032}^{(20)} - (m_{000}^{(10)})^2m_{200}^{(22)}m_{023}^{(10)}\\
&-(m_{000}^{(10)})^2m_{110}^{(00)}m_{023}^{(22)} + 2(m_{000}^{(10)})^2m_{110}^{(00)}m_{014}^{(21)} - (m_{000}^{(10)})^2m_{110}^{(00)}m_{005}^{(11)}\\
&+(m_{000}^{(10)})^2m_{110}^{(11)}m_{203}^{(22)} - 2(m_{000}^{(10)})^2m_{110}^{(11)}m_{104}^{(20)} + (m_{000}^{(10)})^2m_{110}^{(11)}m_{005}^{(00)}\\
&+2(m_{000}^{(10)})^2m_{110}^{(20)}m_{122}^{(22)} - 4(m_{000}^{(10)})^2m_{110}^{(20)}m_{113}^{(21)} + 2(m_{000}^{(10)})^2m_{110}^{(20)}m_{104}^{(11)}\\
&-2(m_{000}^{(10)})^2m_{110}^{(21)}m_{212}^{(22)} + 4(m_{000}^{(10)})^2m_{110}^{(21)}m_{113}^{(20)} - 2(m_{000}^{(10)})^2m_{110}^{(21)}m_{014}^{(00)}\\
&+2(m_{000}^{(10)})^2m_{110}^{(22)}m_{212}^{(21)} - (m_{000}^{(10)})^2m_{110}^{(22)}m_{203}^{(11)} - 2(m_{000}^{(10)})^2m_{110}^{(22)}m_{122}^{(20)}\\
&+(m_{000}^{(10)})^2m_{110}^{(22)}m_{023}^{(00)} + (m_{000}^{(10)})^2m_{101}^{(00)}m_{032}^{(22)} - 2(m_{000}^{(10)})^2m_{101}^{(00)}m_{023}^{(21)}\\
&+(m_{000}^{(10)})^2m_{101}^{(00)}m_{014}^{(11)} - 2(m_{000}^{(10)})^2m_{101}^{(10)}m_{122}^{(22)} + 4(m_{000}^{(10)})^2m_{101}^{(10)}m_{113}^{(21)}\\
&-2(m_{000}^{(10)})^2m_{101}^{(10)}m_{104}^{(11)} + (m_{000}^{(10)})^2m_{101}^{(11)}m_{212}^{(22)} - 2(m_{000}^{(10)})^2m_{101}^{(11)}m_{203}^{(21)}\\
&+2(m_{000}^{(10)})^2m_{101}^{(11)}m_{104}^{(10)} - (m_{000}^{(10)})^2m_{101}^{(11)}m_{014}^{(00)} + 2(m_{000}^{(10)})^2m_{101}^{(21)}m_{203}^{(11)}\\
&-4(m_{000}^{(10)})^2m_{101}^{(21)}m_{113}^{(10)} + 2(m_{000}^{(10)})^2m_{101}^{(21)}m_{023}^{(00)} - (m_{000}^{(10)})^2m_{101}^{(22)}m_{212}^{(11)}\\
&+2(m_{000}^{(10)})^2m_{101}^{(22)}m_{122}^{(10)} - (m_{000}^{(10)})^2m_{101}^{(22)}m_{032}^{(00)} + (m_{000}^{(10)})^2m_{020}^{(00)}m_{113}^{(22)}\\
&-(m_{000}^{(10)})^2m_{020}^{(00)}m_{104}^{(21)} - (m_{000}^{(10)})^2m_{020}^{(00)}m_{014}^{(20)} + (m_{000}^{(10)})^2m_{020}^{(00)}m_{005}^{(10)}\\
&-(m_{000}^{(10)})^2m_{020}^{(10)}m_{203}^{(22)} + 2(m_{000}^{(10)})^2m_{020}^{(10)}m_{104}^{(20)} - (m_{000}^{(10)})^2m_{020}^{(10)}m_{005}^{(00)}\\
&-(m_{000}^{(10)})^2m_{020}^{(20)}m_{212}^{(22)} + 2(m_{000}^{(10)})^2m_{020}^{(20)}m_{203}^{(21)} - 2(m_{000}^{(10)})^2m_{020}^{(20)}m_{104}^{(10)}\\
&+(m_{000}^{(10)})^2m_{020}^{(20)}m_{014}^{(00)} + (m_{000}^{(10)})^2m_{020}^{(21)}m_{302}^{(22)} - 2(m_{000}^{(10)})^2m_{020}^{(21)}m_{203}^{(20)}\\
&+(m_{000}^{(10)})^2m_{020}^{(21)}m_{104}^{(00)} - (m_{000}^{(10)})^2m_{020}^{(22)}m_{302}^{(21)} + (m_{000}^{(10)})^2m_{020}^{(22)}m_{212}^{(20)}\\
&+(m_{000}^{(10)})^2m_{020}^{(22)}m_{203}^{(10)} - (m_{000}^{(10)})^2m_{020}^{(22)}m_{113}^{(00)} - (m_{000}^{(10)})^2m_{011}^{(00)}m_{122}^{(22)}\\
&+(m_{000}^{(10)})^2m_{011}^{(00)}m_{104}^{(11)} + 2(m_{000}^{(10)})^2m_{011}^{(00)}m_{023}^{(20)} - 2(m_{000}^{(10)})^2m_{011}^{(00)}m_{014}^{(10)}\\
&+2(m_{000}^{(10)})^2m_{011}^{(10)}m_{212}^{(22)} - 4(m_{000}^{(10)})^2m_{011}^{(10)}m_{113}^{(20)} + 2(m_{000}^{(10)})^2m_{011}^{(10)}m_{014}^{(00)}\\
&-(m_{000}^{(10)})^2m_{011}^{(11)}m_{302}^{(22)} + 2(m_{000}^{(10)})^2m_{011}^{(11)}m_{203}^{(20)} - (m_{000}^{(10)})^2m_{011}^{(11)}m_{104}^{(00)}
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&-2(m_{000}^{(10)})^2 m_{011}^{(20)} m_{203}^{(11)} + 4(m_{000}^{(10)})^2 m_{011}^{(20)} m_{113}^{(10)} - 2(m_{000}^{(10)})^2 m_{011}^{(20)} m_{023}^{(00)} \\
&+(m_{000}^{(10)})^2 m_{011}^{(22)} m_{302}^{(11)} - 2(m_{000}^{(10)})^2 m_{011}^{(22)} m_{212}^{(10)} + (m_{000}^{(10)})^2 m_{011}^{(22)} m_{122}^{(00)} \\
&+(m_{000}^{(10)})^2 m_{002}^{(00)} m_{122}^{(21)} - (m_{000}^{(10)})^2 m_{002}^{(00)} m_{113}^{(11)} - (m_{000}^{(10)})^2 m_{002}^{(00)} m_{032}^{(20)} \\
&+(m_{000}^{(10)})^2 m_{002}^{(00)} m_{023}^{(10)} - 2(m_{000}^{(10)})^2 m_{002}^{(10)} m_{212}^{(21)} + (m_{000}^{(10)})^2 m_{002}^{(10)} m_{203}^{(11)} \\
&+2(m_{000}^{(10)})^2 m_{002}^{(10)} m_{122}^{(20)} - (m_{000}^{(10)})^2 m_{002}^{(10)} m_{023}^{(00)} + (m_{000}^{(10)})^2 m_{002}^{(11)} m_{302}^{(21)} \\
&-(m_{000}^{(10)})^2 m_{002}^{(11)} m_{212}^{(20)} - (m_{000}^{(10)})^2 m_{002}^{(11)} m_{203}^{(10)} + (m_{000}^{(10)})^2 m_{002}^{(11)} m_{113}^{(00)} \\
&+(m_{000}^{(10)})^2 m_{002}^{(20)} m_{212}^{(11)} - 2(m_{000}^{(10)})^2 m_{002}^{(20)} m_{122}^{(10)} + (m_{000}^{(10)})^2 m_{002}^{(20)} m_{032}^{(00)} \\
&-(m_{000}^{(10)})^2 m_{002}^{(21)} m_{302}^{(11)} + 2(m_{000}^{(10)})^2 m_{002}^{(21)} m_{212}^{(10)} - (m_{000}^{(10)})^2 m_{002}^{(21)} m_{122}^{(00)} \\
&-2m_{000}^{(10)} m_{000}^{(20)} m_{200}^{(10)} m_{032}^{(22)} + 4m_{000}^{(10)} m_{000}^{(20)} m_{200}^{(10)} m_{023}^{(21)} - 2m_{000}^{(10)} m_{000}^{(20)} m_{200}^{(10)} m_{014}^{(11)} \\
&+2m_{000}^{(10)} m_{000}^{(20)} m_{200}^{(11)} m_{122}^{(22)} - 2m_{000}^{(10)} m_{000}^{(20)} m_{200}^{(11)} m_{113}^{(21)} - 2m_{000}^{(10)} m_{000}^{(20)} m_{200}^{(11)} m_{023}^{(20)} \\
&+2m_{000}^{(10)} m_{000}^{(20)} m_{200}^{(11)} m_{014}^{(10)} + 2m_{000}^{(10)} m_{000}^{(20)} m_{200}^{(20)} m_{041}^{(22)} - 4m_{000}^{(10)} m_{000}^{(20)} m_{200}^{(20)} m_{032}^{(21)} \\
&+2m_{000}^{(10)} m_{000}^{(20)} m_{200}^{(20)} m_{023}^{(11)} - 2m_{000}^{(10)} m_{000}^{(20)} m_{200}^{(21)} m_{131}^{(22)} + 2m_{000}^{(10)} m_{000}^{(20)} m_{200}^{(21)} m_{113}^{(11)} \\
&+4m_{000}^{(10)} m_{000}^{(20)} m_{200}^{(21)} m_{032}^{(20)} - 4m_{000}^{(10)} m_{000}^{(20)} m_{200}^{(21)} m_{023}^{(10)} + 2m_{000}^{(10)} m_{000}^{(20)} m_{200}^{(22)} m_{131}^{(21)} \\
&-2m_{000}^{(10)} m_{000}^{(20)} m_{200}^{(22)} m_{122}^{(11)} - 2m_{000}^{(10)} m_{000}^{(20)} m_{200}^{(22)} m_{041}^{(20)} + 2m_{000}^{(10)} m_{000}^{(20)} m_{200}^{(22)} m_{032}^{(10)} \\
&+2m_{000}^{(10)} m_{000}^{(20)} m_{110}^{(00)} m_{032}^{(22)} - 4m_{000}^{(10)} m_{000}^{(20)} m_{110}^{(00)} m_{023}^{(21)} + 2m_{000}^{(10)} m_{000}^{(20)} m_{110}^{(00)} m_{014}^{(11)} \\
&-2m_{000}^{(10)} m_{000}^{(20)} m_{110}^{(11)} m_{212}^{(22)} + 4m_{000}^{(10)} m_{000}^{(20)} m_{110}^{(11)} m_{113}^{(20)} - 2m_{000}^{(10)} m_{000}^{(20)} m_{110}^{(11)} m_{014}^{(00)} \\
&-4m_{000}^{(10)} m_{000}^{(20)} m_{110}^{(20)} m_{131}^{(22)} + 8m_{000}^{(10)} m_{000}^{(20)} m_{110}^{(20)} m_{122}^{(21)} - 4m_{000}^{(10)} m_{000}^{(20)} m_{110}^{(20)} m_{113}^{(11)} \\
&+4m_{000}^{(10)} m_{000}^{(20)} m_{110}^{(21)} m_{221}^{(22)} - 8m_{000}^{(10)} m_{000}^{(20)} m_{110}^{(21)} m_{122}^{(20)} + 4m_{000}^{(10)} m_{000}^{(20)} m_{110}^{(21)} m_{023}^{(00)} \\
&-4m_{000}^{(10)} m_{000}^{(20)} m_{110}^{(22)} m_{221}^{(21)} + 2m_{000}^{(10)} m_{000}^{(20)} m_{110}^{(22)} m_{212}^{(11)} + 4m_{000}^{(10)} m_{000}^{(20)} m_{110}^{(22)} m_{131}^{(20)} \\
&-2m_{000}^{(10)} m_{000}^{(20)} m_{110}^{(22)} m_{032}^{(00)} - 2m_{000}^{(10)} m_{000}^{(20)} m_{101}^{(00)} m_{041}^{(22)} + 4m_{000}^{(10)} m_{000}^{(20)} m_{101}^{(00)} m_{032}^{(21)} \\
&-2m_{000}^{(10)} m_{000}^{(20)} m_{101}^{(00)} m_{023}^{(11)} + 4m_{000}^{(10)} m_{000}^{(20)} m_{101}^{(10)} m_{131}^{(22)} - 8m_{000}^{(10)} m_{000}^{(20)} m_{101}^{(10)} m_{122}^{(21)} \\
&+4m_{000}^{(10)} m_{000}^{(20)} m_{101}^{(10)} m_{113}^{(11)} - 2m_{000}^{(10)} m_{000}^{(20)} m_{101}^{(11)} m_{221}^{(22)} + 4m_{000}^{(10)} m_{000}^{(20)} m_{101}^{(11)} m_{212}^{(21)} \\
&-4m_{000}^{(10)} m_{000}^{(20)} m_{101}^{(11)} m_{113}^{(10)} + 2m_{000}^{(10)} m_{000}^{(20)} m_{101}^{(11)} m_{023}^{(00)} - 4m_{000}^{(10)} m_{000}^{(20)} m_{101}^{(21)} m_{212}^{(11)} \\
&+8m_{000}^{(10)} m_{000}^{(20)} m_{101}^{(21)} m_{122}^{(10)} - 4m_{000}^{(10)} m_{000}^{(20)} m_{101}^{(21)} m_{032}^{(00)} + 2m_{000}^{(10)} m_{000}^{(20)} m_{101}^{(22)} m_{221}^{(11)} \\
&-4m_{000}^{(10)} m_{000}^{(20)} m_{101}^{(22)} m_{131}^{(10)} + 2m_{000}^{(10)} m_{000}^{(20)} m_{101}^{(22)} m_{041}^{(00)} - 2m_{000}^{(10)} m_{000}^{(20)} m_{020}^{(00)} m_{122}^{(22)} \\
&+2m_{000}^{(10)} m_{000}^{(20)} m_{020}^{(00)} m_{113}^{(21)} + 2m_{000}^{(10)} m_{000}^{(20)} m_{020}^{(00)} m_{023}^{(20)} - 2m_{000}^{(10)} m_{000}^{(20)} m_{020}^{(00)} m_{014}^{(10)} \\
&+2m_{000}^{(10)} m_{000}^{(20)} m_{020}^{(10)} m_{212}^{(22)} - 4m_{000}^{(10)} m_{000}^{(20)} m_{020}^{(10)} m_{113}^{(20)} + 2m_{000}^{(10)} m_{000}^{(20)} m_{020}^{(10)} m_{014}^{(00)} \\
&+2m_{000}^{(10)} m_{000}^{(20)} m_{020}^{(20)} m_{221}^{(22)} - 4m_{000}^{(10)} m_{000}^{(20)} m_{020}^{(20)} m_{212}^{(21)} + 4m_{000}^{(10)} m_{000}^{(20)} m_{020}^{(20)} m_{113}^{(10)} \\
&-2m_{000}^{(10)} m_{000}^{(20)} m_{020}^{(20)} m_{023}^{(00)} - 2m_{000}^{(10)} m_{000}^{(20)} m_{020}^{(21)} m_{311}^{(22)} + 4m_{000}^{(10)} m_{000}^{(20)} m_{020}^{(21)} m_{212}^{(20)} \\
&-2m_{000}^{(10)} m_{000}^{(20)} m_{020}^{(21)} m_{113}^{(00)} + 2m_{000}^{(10)} m_{000}^{(20)} m_{020}^{(22)} m_{311}^{(21)} - 2m_{000}^{(10)} m_{000}^{(20)} m_{020}^{(22)} m_{221}^{(20)} \\
&-2m_{000}^{(10)} m_{000}^{(20)} m_{020}^{(22)} m_{212}^{(10)} + 2m_{000}^{(10)} m_{000}^{(20)} m_{020}^{(22)} m_{122}^{(00)} + 2m_{000}^{(10)} m_{000}^{(20)} m_{011}^{(00)} m_{131}^{(22)} \\
&-2m_{000}^{(10)} m_{000}^{(20)} m_{011}^{(00)} m_{113}^{(11)} - 4m_{000}^{(10)} m_{000}^{(20)} m_{011}^{(00)} m_{032}^{(20)} + 4m_{000}^{(10)} m_{000}^{(20)} m_{011}^{(00)} m_{023}^{(10)} \\
&-4m_{000}^{(10)} m_{000}^{(20)} m_{011}^{(10)} m_{221}^{(22)} + 8m_{000}^{(10)} m_{000}^{(20)} m_{011}^{(10)} m_{122}^{(20)} - 4m_{000}^{(10)} m_{000}^{(20)} m_{011}^{(10)} m_{023}^{(00)} \\
&+2m_{000}^{(10)} m_{000}^{(20)} m_{011}^{(11)} m_{311}^{(22)} - 4m_{000}^{(10)} m_{000}^{(20)} m_{011}^{(11)} m_{212}^{(20)} + 2m_{000}^{(10)} m_{000}^{(20)} m_{011}^{(11)} m_{113}^{(00)} \\
&+4m_{000}^{(10)} m_{000}^{(20)} m_{011}^{(20)} m_{212}^{(11)} - 8m_{000}^{(10)} m_{000}^{(20)} m_{011}^{(20)} m_{122}^{(10)} + 4m_{000}^{(10)} m_{000}^{(20)} m_{011}^{(20)} m_{032}^{(00)} \\
&-2m_{000}^{(10)} m_{000}^{(20)} m_{011}^{(22)} m_{311}^{(11)} + 4m_{000}^{(10)} m_{000}^{(20)} m_{011}^{(22)} m_{221}^{(10)} - 2m_{000}^{(10)} m_{000}^{(20)} m_{011}^{(22)} m_{131}^{(00)} \\
&-2m_{000}^{(10)} m_{000}^{(20)} m_{002}^{(00)} m_{131}^{(21)} + 2m_{000}^{(10)} m_{000}^{(20)} m_{002}^{(00)} m_{122}^{(11)} + 2m_{000}^{(10)} m_{000}^{(20)} m_{002}^{(00)} m_{041}^{(20)} \\
&-2m_{000}^{(10)} m_{000}^{(20)} m_{002}^{(00)} m_{032}^{(10)} + 4m_{000}^{(10)} m_{000}^{(20)} m_{002}^{(10)} m_{221}^{(21)} - 2m_{000}^{(10)} m_{000}^{(20)} m_{002}^{(10)} m_{212}^{(11)}
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&-4m_{000}^{(10)}m_{000}^{(20)}m_{002}^{(10)}m_{131}^{(20)} + 2m_{000}^{(10)}m_{000}^{(20)}m_{002}^{(10)}m_{032}^{(00)} - 2m_{000}^{(10)}m_{000}^{(20)}m_{002}^{(11)}m_{311}^{(21)}\\
&+2m_{000}^{(10)}m_{000}^{(20)}m_{002}^{(11)}m_{221}^{(20)} + 2m_{000}^{(10)}m_{000}^{(20)}m_{002}^{(11)}m_{212}^{(10)} - 2m_{000}^{(10)}m_{000}^{(20)}m_{002}^{(11)}m_{122}^{(00)}\\
&-2m_{000}^{(10)}m_{000}^{(20)}m_{002}^{(20)}m_{221}^{(11)} + 4m_{000}^{(10)}m_{000}^{(20)}m_{002}^{(20)}m_{131}^{(10)} - 2m_{000}^{(10)}m_{000}^{(20)}m_{002}^{(20)}m_{041}^{(00)}\\
&+2m_{000}^{(10)}m_{000}^{(20)}m_{002}^{(21)}m_{311}^{(11)} - 4m_{000}^{(10)}m_{000}^{(20)}m_{002}^{(21)}m_{221}^{(10)} + 2m_{000}^{(10)}m_{000}^{(20)}m_{002}^{(21)}m_{131}^{(00)}\\
&-2m_{000}^{(10)}m_{000}^{(21)}m_{200}^{(10)}m_{122}^{(22)} + 4m_{000}^{(10)}m_{000}^{(21)}m_{200}^{(10)}m_{113}^{(21)} - 2m_{000}^{(10)}m_{000}^{(21)}m_{200}^{(10)}m_{104}^{(11)}\\
&+2m_{000}^{(10)}m_{000}^{(21)}m_{200}^{(11)}m_{212}^{(22)} - 2m_{000}^{(10)}m_{000}^{(21)}m_{200}^{(11)}m_{203}^{(21)} - 2m_{000}^{(10)}m_{000}^{(21)}m_{200}^{(11)}m_{113}^{(20)}\\
&+2m_{000}^{(10)}m_{000}^{(21)}m_{200}^{(11)}m_{104}^{(10)} + 2m_{000}^{(10)}m_{000}^{(21)}m_{200}^{(20)}m_{131}^{(22)} - 4m_{000}^{(10)}m_{000}^{(21)}m_{200}^{(20)}m_{122}^{(21)}\\
&+2m_{000}^{(10)}m_{000}^{(21)}m_{200}^{(20)}m_{113}^{(11)} - 2m_{000}^{(10)}m_{000}^{(21)}m_{200}^{(21)}m_{221}^{(22)} + 2m_{000}^{(10)}m_{000}^{(21)}m_{200}^{(21)}m_{203}^{(11)}\\
&+4m_{000}^{(10)}m_{000}^{(21)}m_{200}^{(21)}m_{122}^{(20)} - 4m_{000}^{(10)}m_{000}^{(21)}m_{200}^{(21)}m_{113}^{(10)} + 2m_{000}^{(10)}m_{000}^{(21)}m_{200}^{(22)}m_{221}^{(21)}\\
&-2m_{000}^{(10)}m_{000}^{(21)}m_{200}^{(22)}m_{212}^{(11)} - 2m_{000}^{(10)}m_{000}^{(21)}m_{200}^{(22)}m_{131}^{(20)} + 2m_{000}^{(10)}m_{000}^{(21)}m_{200}^{(22)}m_{122}^{(10)}\\
&+2m_{000}^{(10)}m_{000}^{(21)}m_{110}^{(00)}m_{122}^{(22)} - 4m_{000}^{(10)}m_{000}^{(21)}m_{110}^{(00)}m_{113}^{(21)} + 2m_{000}^{(10)}m_{000}^{(21)}m_{110}^{(00)}m_{104}^{(11)}\\
&-2m_{000}^{(10)}m_{000}^{(21)}m_{110}^{(11)}m_{302}^{(22)} + 4m_{000}^{(10)}m_{000}^{(21)}m_{110}^{(11)}m_{203}^{(20)} - 2m_{000}^{(10)}m_{000}^{(21)}m_{110}^{(11)}m_{104}^{(00)}\\
&-4m_{000}^{(10)}m_{000}^{(21)}m_{110}^{(20)}m_{221}^{(22)} + 8m_{000}^{(10)}m_{000}^{(21)}m_{110}^{(20)}m_{212}^{(21)} - 4m_{000}^{(10)}m_{000}^{(21)}m_{110}^{(20)}m_{203}^{(11)}\\
&+4m_{000}^{(10)}m_{000}^{(21)}m_{110}^{(21)}m_{311}^{(22)} - 8m_{000}^{(10)}m_{000}^{(21)}m_{110}^{(21)}m_{212}^{(20)} + 4m_{000}^{(10)}m_{000}^{(21)}m_{110}^{(21)}m_{113}^{(00)}\\
&-4m_{000}^{(10)}m_{000}^{(21)}m_{110}^{(22)}m_{311}^{(21)} + 2m_{000}^{(10)}m_{000}^{(21)}m_{110}^{(22)}m_{302}^{(11)} + 4m_{000}^{(10)}m_{000}^{(21)}m_{110}^{(22)}m_{221}^{(20)}\\
&-2m_{000}^{(10)}m_{000}^{(21)}m_{110}^{(22)}m_{122}^{(00)} - 2m_{000}^{(10)}m_{000}^{(21)}m_{101}^{(00)}m_{131}^{(22)} + 4m_{000}^{(10)}m_{000}^{(21)}m_{101}^{(00)}m_{122}^{(21)}\\
&-2m_{000}^{(10)}m_{000}^{(21)}m_{101}^{(00)}m_{113}^{(11)} + 4m_{000}^{(10)}m_{000}^{(21)}m_{101}^{(10)}m_{221}^{(22)} - 8m_{000}^{(10)}m_{000}^{(21)}m_{101}^{(10)}m_{212}^{(21)}\\
&+4m_{000}^{(10)}m_{000}^{(21)}m_{101}^{(10)}m_{203}^{(11)} - 2m_{000}^{(10)}m_{000}^{(21)}m_{101}^{(11)}m_{311}^{(22)} + 4m_{000}^{(10)}m_{000}^{(21)}m_{101}^{(11)}m_{302}^{(21)}\\
&-4m_{000}^{(10)}m_{000}^{(21)}m_{101}^{(11)}m_{203}^{(10)} + 2m_{000}^{(10)}m_{000}^{(21)}m_{101}^{(11)}m_{113}^{(00)} - 4m_{000}^{(10)}m_{000}^{(21)}m_{101}^{(21)}m_{302}^{(11)}\\
&+8m_{000}^{(10)}m_{000}^{(21)}m_{101}^{(21)}m_{212}^{(10)} - 4m_{000}^{(10)}m_{000}^{(21)}m_{101}^{(21)}m_{122}^{(00)} + 2m_{000}^{(10)}m_{000}^{(21)}m_{101}^{(22)}m_{311}^{(11)}\\
&-4m_{000}^{(10)}m_{000}^{(21)}m_{101}^{(22)}m_{221}^{(10)} + 2m_{000}^{(10)}m_{000}^{(21)}m_{101}^{(22)}m_{131}^{(00)} - 2m_{000}^{(10)}m_{000}^{(21)}m_{020}^{(00)}m_{212}^{(22)}\\
&+2m_{000}^{(10)}m_{000}^{(21)}m_{020}^{(00)}m_{203}^{(21)} + 2m_{000}^{(10)}m_{000}^{(21)}m_{020}^{(00)}m_{113}^{(20)} - 2m_{000}^{(10)}m_{000}^{(21)}m_{020}^{(00)}m_{104}^{(10)}\\
&+2m_{000}^{(10)}m_{000}^{(21)}m_{020}^{(10)}m_{302}^{(22)} - 4m_{000}^{(10)}m_{000}^{(21)}m_{020}^{(10)}m_{203}^{(20)} + 2m_{000}^{(10)}m_{000}^{(21)}m_{020}^{(10)}m_{104}^{(00)}\\
&+2m_{000}^{(10)}m_{000}^{(21)}m_{020}^{(20)}m_{311}^{(22)} - 4m_{000}^{(10)}m_{000}^{(21)}m_{020}^{(20)}m_{302}^{(21)} + 4m_{000}^{(10)}m_{000}^{(21)}m_{020}^{(20)}m_{203}^{(10)}\\
&-2m_{000}^{(10)}m_{000}^{(21)}m_{020}^{(20)}m_{113}^{(00)} - 2m_{000}^{(10)}m_{000}^{(21)}m_{020}^{(21)}m_{401}^{(22)} + 4m_{000}^{(10)}m_{000}^{(21)}m_{020}^{(21)}m_{302}^{(20)}\\
&-2m_{000}^{(10)}m_{000}^{(21)}m_{020}^{(21)}m_{203}^{(00)} + 2m_{000}^{(10)}m_{000}^{(21)}m_{020}^{(22)}m_{401}^{(21)} - 2m_{000}^{(10)}m_{000}^{(21)}m_{020}^{(22)}m_{311}^{(20)}\\
&-2m_{000}^{(10)}m_{000}^{(21)}m_{020}^{(22)}m_{302}^{(10)} + 2m_{000}^{(10)}m_{000}^{(21)}m_{020}^{(22)}m_{212}^{(00)} + 2m_{000}^{(10)}m_{000}^{(21)}m_{011}^{(00)}m_{221}^{(22)}\\
&-2m_{000}^{(10)}m_{000}^{(21)}m_{011}^{(00)}m_{203}^{(11)} - 4m_{000}^{(10)}m_{000}^{(21)}m_{011}^{(00)}m_{122}^{(20)} + 4m_{000}^{(10)}m_{000}^{(21)}m_{011}^{(00)}m_{113}^{(10)}\\
&-4m_{000}^{(10)}m_{000}^{(21)}m_{011}^{(10)}m_{311}^{(22)} + 8m_{000}^{(10)}m_{000}^{(21)}m_{011}^{(10)}m_{212}^{(20)} - 4m_{000}^{(10)}m_{000}^{(21)}m_{011}^{(10)}m_{113}^{(00)}\\
&+2m_{000}^{(10)}m_{000}^{(21)}m_{011}^{(11)}m_{401}^{(22)} - 4m_{000}^{(10)}m_{000}^{(21)}m_{011}^{(11)}m_{302}^{(20)} + 2m_{000}^{(10)}m_{000}^{(21)}m_{011}^{(11)}m_{203}^{(00)}\\
&+4m_{000}^{(10)}m_{000}^{(21)}m_{011}^{(20)}m_{302}^{(11)} - 8m_{000}^{(10)}m_{000}^{(21)}m_{011}^{(20)}m_{212}^{(10)} + 4m_{000}^{(10)}m_{000}^{(21)}m_{011}^{(20)}m_{122}^{(00)}\\
&-2m_{000}^{(10)}m_{000}^{(21)}m_{011}^{(22)}m_{401}^{(11)} + 4m_{000}^{(10)}m_{000}^{(21)}m_{011}^{(22)}m_{311}^{(10)} - 2m_{000}^{(10)}m_{000}^{(21)}m_{011}^{(22)}m_{221}^{(00)}\\
&-2m_{000}^{(10)}m_{000}^{(21)}m_{002}^{(00)}m_{221}^{(21)} + 2m_{000}^{(10)}m_{000}^{(21)}m_{002}^{(00)}m_{212}^{(11)} + 2m_{000}^{(10)}m_{000}^{(21)}m_{002}^{(00)}m_{131}^{(20)}\\
&-2m_{000}^{(10)}m_{000}^{(21)}m_{002}^{(00)}m_{122}^{(10)} + 4m_{000}^{(10)}m_{000}^{(21)}m_{002}^{(10)}m_{311}^{(21)} - 2m_{000}^{(10)}m_{000}^{(21)}m_{002}^{(10)}m_{302}^{(11)}\\
&-4m_{000}^{(10)}m_{000}^{(21)}m_{002}^{(10)}m_{221}^{(20)} + 2m_{000}^{(10)}m_{000}^{(21)}m_{002}^{(10)}m_{122}^{(00)} - 2m_{000}^{(10)}m_{000}^{(21)}m_{002}^{(11)}m_{401}^{(21)}\\
&+2m_{000}^{(10)}m_{000}^{(21)}m_{002}^{(11)}m_{311}^{(20)} + 2m_{000}^{(10)}m_{000}^{(21)}m_{002}^{(11)}m_{302}^{(10)} - 2m_{000}^{(10)}m_{000}^{(21)}m_{002}^{(11)}m_{212}^{(00)}\\
&-2m_{000}^{(10)}m_{000}^{(21)}m_{002}^{(20)}m_{311}^{(11)} + 4m_{000}^{(10)}m_{000}^{(21)}m_{002}^{(20)}m_{221}^{(10)} - 2m_{000}^{(10)}m_{000}^{(21)}m_{002}^{(20)}m_{131}^{(00)}\\
&+2m_{000}^{(10)}m_{000}^{(21)}m_{002}^{(21)}m_{401}^{(11)} - 4m_{000}^{(10)}m_{000}^{(21)}m_{002}^{(21)}m_{311}^{(10)} + 2m_{000}^{(10)}m_{000}^{(21)}m_{002}^{(21)}m_{221}^{(00)}
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&+2m_{000}^{(10)}m_{000}^{(22)}m_{200}^{(10)}m_{131}^{(22)} - 4m_{000}^{(10)}m_{000}^{(22)}m_{200}^{(10)}m_{122}^{(21)} + 2m_{000}^{(10)}m_{000}^{(22)}m_{200}^{(10)}m_{113}^{(11)}\\
&-2m_{000}^{(10)}m_{000}^{(22)}m_{200}^{(11)}m_{221}^{(22)} + 2m_{000}^{(10)}m_{000}^{(22)}m_{200}^{(11)}m_{212}^{(21)} + 2m_{000}^{(10)}m_{000}^{(22)}m_{200}^{(11)}m_{122}^{(20)}\\
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&+m_{000}^{(11)}m_{000}^{(22)}m_{002}^{(11)}m_{410}^{(20)} + m_{000}^{(11)}m_{000}^{(22)}m_{002}^{(11)}m_{401}^{(10)} - m_{000}^{(11)}m_{000}^{(22)}m_{002}^{(11)}m_{311}^{(00)}\\
&-m_{000}^{(11)}m_{000}^{(22)}m_{002}^{(20)}m_{410}^{(11)} + 2m_{000}^{(11)}m_{000}^{(22)}m_{002}^{(20)}m_{320}^{(10)} - m_{000}^{(11)}m_{000}^{(22)}m_{002}^{(20)}m_{230}^{(00)}\\
&+m_{000}^{(11)}m_{000}^{(22)}m_{002}^{(21)}m_{500}^{(11)} - 2m_{000}^{(11)}m_{000}^{(22)}m_{002}^{(21)}m_{410}^{(10)} + m_{000}^{(11)}m_{000}^{(22)}m_{002}^{(21)}m_{320}^{(00)}\\
&+(m_{000}^{(20)})^2m_{200}^{(10)}m_{041}^{(22)} - 2(m_{000}^{(20)})^2m_{200}^{(10)}m_{032}^{(21)} + (m_{000}^{(20)})^2m_{200}^{(10)}m_{023}^{(11)}\\
&-(m_{000}^{(20)})^2m_{200}^{(11)}m_{131}^{(22)} + (m_{000}^{(20)})^2m_{200}^{(11)}m_{122}^{(21)} + (m_{000}^{(20)})^2m_{200}^{(11)}m_{032}^{(20)}\\
&-(m_{000}^{(20)})^2m_{200}^{(11)}m_{023}^{(10)} - (m_{000}^{(20)})^2m_{200}^{(20)}m_{050}^{(22)} + 2(m_{000}^{(20)})^2m_{200}^{(20)}m_{041}^{(21)}\\
&-(m_{000}^{(20)})^2m_{200}^{(20)}m_{032}^{(11)} + (m_{000}^{(20)})^2m_{200}^{(21)}m_{140}^{(22)} - (m_{000}^{(20)})^2m_{200}^{(21)}m_{122}^{(11)}\\
&-2(m_{000}^{(20)})^2m_{200}^{(21)}m_{041}^{(20)} + 2(m_{000}^{(20)})^2m_{200}^{(21)}m_{032}^{(10)} - (m_{000}^{(20)})^2m_{200}^{(22)}m_{140}^{(21)}\\
&+(m_{000}^{(20)})^2m_{200}^{(22)}m_{131}^{(11)} + (m_{000}^{(20)})^2m_{200}^{(22)}m_{050}^{(20)} - (m_{000}^{(20)})^2m_{200}^{(22)}m_{041}^{(10)}\\
&-(m_{000}^{(20)})^2m_{110}^{(00)}m_{041}^{(22)} + 2(m_{000}^{(20)})^2m_{110}^{(00)}m_{032}^{(21)} - (m_{000}^{(20)})^2m_{110}^{(00)}m_{023}^{(11)}\\
&+(m_{000}^{(20)})^2m_{110}^{(11)}m_{221}^{(22)} - 2(m_{000}^{(20)})^2m_{110}^{(11)}m_{122}^{(20)} + (m_{000}^{(20)})^2m_{110}^{(11)}m_{023}^{(00)}\\
&+2(m_{000}^{(20)})^2m_{110}^{(20)}m_{140}^{(22)} - 4(m_{000}^{(20)})^2m_{110}^{(20)}m_{131}^{(21)} + 2(m_{000}^{(20)})^2m_{110}^{(20)}m_{122}^{(11)}\\
&-2(m_{000}^{(20)})^2m_{110}^{(21)}m_{230}^{(22)} + 4(m_{000}^{(20)})^2m_{110}^{(21)}m_{131}^{(20)} - 2(m_{000}^{(20)})^2m_{110}^{(21)}m_{032}^{(00)}\\
&+2(m_{000}^{(20)})^2m_{110}^{(22)}m_{230}^{(21)} - (m_{000}^{(20)})^2m_{110}^{(22)}m_{221}^{(11)} - 2(m_{000}^{(20)})^2m_{110}^{(22)}m_{140}^{(20)}\\
&+(m_{000}^{(20)})^2m_{110}^{(22)}m_{041}^{(00)} + (m_{000}^{(20)})^2m_{101}^{(00)}m_{050}^{(22)} - 2(m_{000}^{(20)})^2m_{101}^{(00)}m_{041}^{(21)}
\end{aligned}
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\begin{aligned}
&+(m_{000}^{(20)})^2 m_{101}^{(00)} m_{032}^{(11)} - 2(m_{000}^{(20)})^2 m_{101}^{(10)} m_{140}^{(22)} + 4(m_{000}^{(20)})^2 m_{101}^{(10)} m_{131}^{(21)} \\
&-2(m_{000}^{(20)})^2 m_{101}^{(10)} m_{122}^{(11)} + (m_{000}^{(20)})^2 m_{101}^{(11)} m_{230}^{(22)} - 2(m_{000}^{(20)})^2 m_{101}^{(11)} m_{221}^{(21)} \\
&+2(m_{000}^{(20)})^2 m_{101}^{(11)} m_{122}^{(10)} - (m_{000}^{(20)})^2 m_{101}^{(11)} m_{032}^{(00)} + 2(m_{000}^{(20)})^2 m_{101}^{(21)} m_{221}^{(11)} \\
&-4(m_{000}^{(20)})^2 m_{101}^{(21)} m_{131}^{(10)} + 2(m_{000}^{(20)})^2 m_{101}^{(21)} m_{041}^{(00)} - (m_{000}^{(20)})^2 m_{101}^{(22)} m_{230}^{(11)} \\
&+2(m_{000}^{(20)})^2 m_{101}^{(22)} m_{140}^{(10)} - (m_{000}^{(20)})^2 m_{101}^{(22)} m_{050}^{(00)} + (m_{000}^{(20)})^2 m_{020}^{(00)} m_{131}^{(22)} \\
&-(m_{000}^{(20)})^2 m_{020}^{(00)} m_{122}^{(21)} - (m_{000}^{(20)})^2 m_{020}^{(00)} m_{032}^{(20)} + (m_{000}^{(20)})^2 m_{020}^{(00)} m_{023}^{(10)} \\
&-(m_{000}^{(20)})^2 m_{020}^{(10)} m_{221}^{(22)} + 2(m_{000}^{(20)})^2 m_{020}^{(10)} m_{122}^{(20)} - (m_{000}^{(20)})^2 m_{020}^{(10)} m_{023}^{(00)} \\
&-(m_{000}^{(20)})^2 m_{020}^{(20)} m_{230}^{(22)} + 2(m_{000}^{(20)})^2 m_{020}^{(20)} m_{221}^{(21)} - 2(m_{000}^{(20)})^2 m_{020}^{(20)} m_{122}^{(10)} \\
&+(m_{000}^{(20)})^2 m_{020}^{(20)} m_{032}^{(00)} + (m_{000}^{(20)})^2 m_{020}^{(21)} m_{320}^{(22)} - 2(m_{000}^{(20)})^2 m_{020}^{(21)} m_{221}^{(20)} \\
&+(m_{000}^{(20)})^2 m_{020}^{(21)} m_{122}^{(00)} - (m_{000}^{(20)})^2 m_{020}^{(22)} m_{320}^{(21)} + (m_{000}^{(20)})^2 m_{020}^{(22)} m_{230}^{(20)} \\
&+(m_{000}^{(20)})^2 m_{020}^{(22)} m_{221}^{(10)} - (m_{000}^{(20)})^2 m_{020}^{(22)} m_{131}^{(00)} - (m_{000}^{(20)})^2 m_{011}^{(00)} m_{140}^{(22)} \\
&+(m_{000}^{(20)})^2 m_{011}^{(00)} m_{122}^{(11)} + 2(m_{000}^{(20)})^2 m_{011}^{(00)} m_{041}^{(20)} - 2(m_{000}^{(20)})^2 m_{011}^{(00)} m_{032}^{(10)} \\
&+2(m_{000}^{(20)})^2 m_{011}^{(10)} m_{230}^{(22)} - 4(m_{000}^{(20)})^2 m_{011}^{(10)} m_{131}^{(20)} + 2(m_{000}^{(20)})^2 m_{011}^{(10)} m_{032}^{(00)} \\
&-(m_{000}^{(20)})^2 m_{011}^{(11)} m_{320}^{(22)} + 2(m_{000}^{(20)})^2 m_{011}^{(11)} m_{221}^{(20)} - (m_{000}^{(20)})^2 m_{011}^{(11)} m_{122}^{(00)} \\
&-2(m_{000}^{(20)})^2 m_{011}^{(20)} m_{221}^{(11)} + 4(m_{000}^{(20)})^2 m_{011}^{(20)} m_{131}^{(10)} - 2(m_{000}^{(20)})^2 m_{011}^{(20)} m_{041}^{(00)} \\
&+(m_{000}^{(20)})^2 m_{011}^{(22)} m_{320}^{(11)} - 2(m_{000}^{(20)})^2 m_{011}^{(22)} m_{230}^{(10)} + (m_{000}^{(20)})^2 m_{011}^{(22)} m_{140}^{(00)} \\
&+(m_{000}^{(20)})^2 m_{002}^{(00)} m_{140}^{(21)} - (m_{000}^{(20)})^2 m_{002}^{(00)} m_{131}^{(11)} - (m_{000}^{(20)})^2 m_{002}^{(00)} m_{050}^{(20)} \\
&+(m_{000}^{(20)})^2 m_{002}^{(00)} m_{041}^{(10)} - 2(m_{000}^{(20)})^2 m_{002}^{(10)} m_{230}^{(21)} + (m_{000}^{(20)})^2 m_{002}^{(10)} m_{221}^{(11)} \\
&+2(m_{000}^{(20)})^2 m_{002}^{(10)} m_{140}^{(20)} - (m_{000}^{(20)})^2 m_{002}^{(10)} m_{041}^{(00)} + (m_{000}^{(20)})^2 m_{002}^{(11)} m_{320}^{(21)} \\
&-(m_{000}^{(20)})^2 m_{002}^{(11)} m_{230}^{(20)} - (m_{000}^{(20)})^2 m_{002}^{(11)} m_{221}^{(10)} + (m_{000}^{(20)})^2 m_{002}^{(11)} m_{131}^{(00)} \\
&+(m_{000}^{(20)})^2 m_{002}^{(20)} m_{230}^{(11)} - 2(m_{000}^{(20)})^2 m_{002}^{(20)} m_{140}^{(10)} + (m_{000}^{(20)})^2 m_{002}^{(20)} m_{050}^{(00)} \\
&-(m_{000}^{(20)})^2 m_{002}^{(21)} m_{320}^{(11)} + 2(m_{000}^{(20)})^2 m_{002}^{(21)} m_{230}^{(10)} - (m_{000}^{(20)})^2 m_{002}^{(21)} m_{140}^{(00)} \\
&-2m_{000}^{(20)} m_{000}^{(21)} m_{200}^{(10)} m_{131}^{(22)} + 4m_{000}^{(20)} m_{000}^{(21)} m_{200}^{(10)} m_{122}^{(21)} - 2m_{000}^{(20)} m_{000}^{(21)} m_{200}^{(10)} m_{113}^{(11)} \\
&+2m_{000}^{(20)} m_{000}^{(21)} m_{200}^{(11)} m_{221}^{(22)} - 2m_{000}^{(20)} m_{000}^{(21)} m_{200}^{(11)} m_{212}^{(21)} - 2m_{000}^{(20)} m_{000}^{(21)} m_{200}^{(11)} m_{122}^{(20)} \\
&+2m_{000}^{(20)} m_{000}^{(21)} m_{200}^{(11)} m_{113}^{(10)} + 2m_{000}^{(20)} m_{000}^{(21)} m_{200}^{(20)} m_{140}^{(22)} - 4m_{000}^{(20)} m_{000}^{(21)} m_{200}^{(20)} m_{131}^{(21)} \\
&+2m_{000}^{(20)} m_{000}^{(21)} m_{200}^{(20)} m_{122}^{(11)} - 2m_{000}^{(20)} m_{000}^{(21)} m_{200}^{(21)} m_{230}^{(22)} + 2m_{000}^{(20)} m_{000}^{(21)} m_{200}^{(21)} m_{212}^{(11)} \\
&+4m_{000}^{(20)} m_{000}^{(21)} m_{200}^{(21)} m_{131}^{(20)} - 4m_{000}^{(20)} m_{000}^{(21)} m_{200}^{(21)} m_{122}^{(10)} + 2m_{000}^{(20)} m_{000}^{(21)} m_{200}^{(22)} m_{230}^{(21)} \\
&-2m_{000}^{(20)} m_{000}^{(21)} m_{200}^{(22)} m_{221}^{(11)} - 2m_{000}^{(20)} m_{000}^{(21)} m_{200}^{(22)} m_{140}^{(20)} + 2m_{000}^{(20)} m_{000}^{(21)} m_{200}^{(22)} m_{131}^{(10)} \\
&+2m_{000}^{(20)} m_{000}^{(21)} m_{110}^{(00)} m_{131}^{(22)} - 4m_{000}^{(20)} m_{000}^{(21)} m_{110}^{(00)} m_{122}^{(21)} + 2m_{000}^{(20)} m_{000}^{(21)} m_{110}^{(00)} m_{113}^{(11)} \\
&-2m_{000}^{(20)} m_{000}^{(21)} m_{110}^{(11)} m_{311}^{(22)} + 4m_{000}^{(20)} m_{000}^{(21)} m_{110}^{(11)} m_{212}^{(20)} - 2m_{000}^{(20)} m_{000}^{(21)} m_{110}^{(11)} m_{113}^{(00)} \\
&-4m_{000}^{(20)} m_{000}^{(21)} m_{110}^{(20)} m_{230}^{(22)} + 8m_{000}^{(20)} m_{000}^{(21)} m_{110}^{(20)} m_{221}^{(21)} - 4m_{000}^{(20)} m_{000}^{(21)} m_{110}^{(20)} m_{212}^{(11)} \\
&+4m_{000}^{(20)} m_{000}^{(21)} m_{110}^{(21)} m_{320}^{(22)} - 8m_{000}^{(20)} m_{000}^{(21)} m_{110}^{(21)} m_{221}^{(20)} + 4m_{000}^{(20)} m_{000}^{(21)} m_{110}^{(21)} m_{122}^{(00)} \\
&-4m_{000}^{(20)} m_{000}^{(21)} m_{110}^{(22)} m_{320}^{(21)} + 2m_{000}^{(20)} m_{000}^{(21)} m_{110}^{(22)} m_{311}^{(11)} + 4m_{000}^{(20)} m_{000}^{(21)} m_{110}^{(22)} m_{230}^{(20)} \\
&-2m_{000}^{(20)} m_{000}^{(21)} m_{110}^{(22)} m_{131}^{(00)} - 2m_{000}^{(20)} m_{000}^{(21)} m_{101}^{(00)} m_{140}^{(22)} + 4m_{000}^{(20)} m_{000}^{(21)} m_{101}^{(00)} m_{131}^{(21)} \\
&-2m_{000}^{(20)} m_{000}^{(21)} m_{101}^{(00)} m_{122}^{(11)} + 4m_{000}^{(20)} m_{000}^{(21)} m_{101}^{(10)} m_{230}^{(22)} - 8m_{000}^{(20)} m_{000}^{(21)} m_{101}^{(10)} m_{221}^{(21)} \\
&+4m_{000}^{(20)} m_{000}^{(21)} m_{101}^{(10)} m_{212}^{(11)} - 2m_{000}^{(20)} m_{000}^{(21)} m_{101}^{(11)} m_{320}^{(22)} + 4m_{000}^{(20)} m_{000}^{(21)} m_{101}^{(11)} m_{311}^{(21)} \\
&-4m_{000}^{(20)} m_{000}^{(21)} m_{101}^{(11)} m_{212}^{(10)} + 2m_{000}^{(20)} m_{000}^{(21)} m_{101}^{(11)} m_{122}^{(00)} - 4m_{000}^{(20)} m_{000}^{(21)} m_{101}^{(21)} m_{311}^{(11)} \\
&+8m_{000}^{(20)} m_{000}^{(21)} m_{101}^{(21)} m_{221}^{(10)} - 4m_{000}^{(20)} m_{000}^{(21)} m_{101}^{(21)} m_{131}^{(00)} + 2m_{000}^{(20)} m_{000}^{(21)} m_{101}^{(22)} m_{320}^{(11)}
\end{aligned}
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\begin{aligned}
&-4m_{000}^{(20)}m_{000}^{(21)}m_{101}^{(22)}m_{230}^{(10)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{101}^{(22)}m_{140}^{(00)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{020}^{(00)}m_{221}^{(22)}\\
&+2m_{000}^{(20)}m_{000}^{(21)}m_{020}^{(00)}m_{212}^{(21)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{020}^{(00)}m_{122}^{(20)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{020}^{(00)}m_{113}^{(10)}\\
&+2m_{000}^{(20)}m_{000}^{(21)}m_{020}^{(10)}m_{311}^{(22)} - 4m_{000}^{(20)}m_{000}^{(21)}m_{020}^{(10)}m_{212}^{(20)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{020}^{(10)}m_{113}^{(00)}\\
&+2m_{000}^{(20)}m_{000}^{(21)}m_{020}^{(20)}m_{320}^{(22)} - 4m_{000}^{(20)}m_{000}^{(21)}m_{020}^{(20)}m_{311}^{(21)} + 4m_{000}^{(20)}m_{000}^{(21)}m_{020}^{(20)}m_{212}^{(10)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{020}^{(20)}m_{122}^{(00)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{020}^{(21)}m_{410}^{(22)} + 4m_{000}^{(20)}m_{000}^{(21)}m_{020}^{(21)}m_{311}^{(20)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{020}^{(21)}m_{212}^{(00)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{020}^{(22)}m_{410}^{(21)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{020}^{(22)}m_{320}^{(20)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{020}^{(22)}m_{311}^{(10)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{020}^{(22)}m_{221}^{(00)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{000}^{(00)}m_{011}^{(22)}m_{230}^{}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{011}^{(00)}m_{212}^{(11)} - 4m_{000}^{(20)}m_{000}^{(21)}m_{011}^{(00)}m_{131}^{(20)} + 4m_{000}^{(20)}m_{000}^{(21)}m_{011}^{(00)}m_{122}^{(10)}\\
&-4m_{000}^{(20)}m_{000}^{(21)}m_{011}^{(10)}m_{320}^{(22)} + 8m_{000}^{(20)}m_{000}^{(21)}m_{011}^{(10)}m_{221}^{(20)} - 4m_{000}^{(20)}m_{000}^{(21)}m_{011}^{(10)}m_{122}^{(00)}\\
&+2m_{000}^{(20)}m_{000}^{(21)}m_{011}^{(11)}m_{410}^{(22)} - 4m_{000}^{(20)}m_{000}^{(21)}m_{011}^{(11)}m_{311}^{(20)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{011}^{(11)}m_{212}^{(00)}\\
&+4m_{000}^{(20)}m_{000}^{(21)}m_{011}^{(20)}m_{311}^{(11)} - 8m_{000}^{(20)}m_{000}^{(21)}m_{011}^{(20)}m_{221}^{(10)} + 4m_{000}^{(20)}m_{000}^{(21)}m_{011}^{(20)}m_{131}^{(00)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{011}^{(22)}m_{410}^{(11)} + 4m_{000}^{(20)}m_{000}^{(21)}m_{011}^{(22)}m_{320}^{(10)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{011}^{(22)}m_{230}^{(00)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{002}^{(00)}m_{230}^{(21)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{002}^{(00)}m_{221}^{(11)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{002}^{(00)}m_{140}^{(20)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{002}^{(00)}m_{131}^{(10)} + 4m_{000}^{(20)}m_{000}^{(21)}m_{002}^{(10)}m_{320}^{(21)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{002}^{(10)}m_{311}^{(11)}\\
&-4m_{000}^{(20)}m_{000}^{(21)}m_{002}^{(10)}m_{230}^{(20)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{002}^{(10)}m_{131}^{(00)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{002}^{(11)}m_{410}^{(21)}\\
&+2m_{000}^{(20)}m_{000}^{(21)}m_{002}^{(11)}m_{320}^{(20)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{002}^{(11)}m_{311}^{(10)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{002}^{(11)}m_{221}^{(00)}\\
&-2m_{000}^{(20)}m_{000}^{(21)}m_{002}^{(20)}m_{320}^{(11)} + 4m_{000}^{(20)}m_{000}^{(21)}m_{002}^{(20)}m_{230}^{(10)} - 2m_{000}^{(20)}m_{000}^{(21)}m_{002}^{(20)}m_{140}^{(00)}\\
&+2m_{000}^{(20)}m_{000}^{(21)}m_{002}^{(21)}m_{410}^{(11)} - 4m_{000}^{(20)}m_{000}^{(21)}m_{002}^{(21)}m_{320}^{(10)} + 2m_{000}^{(20)}m_{000}^{(21)}m_{002}^{(21)}m_{230}^{(00)}\\
&+(m_{000}^{(21)})^2m_{200}^{(10)}m_{221}^{(22)} - 2(m_{000}^{(21)})^2m_{200}^{(10)}m_{212}^{(21)} + (m_{000}^{(21)})^2m_{200}^{(10)}m_{203}^{(11)}\\
&-(m_{000}^{(21)})^2m_{200}^{(11)}m_{311}^{(22)} + (m_{000}^{(21)})^2m_{200}^{(11)}m_{302}^{(21)} + (m_{000}^{(21)})^2m_{200}^{(11)}m_{212}^{(20)}\\
&-(m_{000}^{(21)})^2m_{200}^{(11)}m_{203}^{(10)} - (m_{000}^{(21)})^2m_{200}^{(20)}m_{230}^{(22)} + 2(m_{000}^{(21)})^2m_{200}^{(20)}m_{221}^{(21)}\\
&-(m_{000}^{(21)})^2m_{200}^{(20)}m_{212}^{(11)} + (m_{000}^{(21)})^2m_{200}^{(21)}m_{320}^{(22)} - (m_{000}^{(21)})^2m_{200}^{(21)}m_{302}^{(11)}\\
&-2(m_{000}^{(21)})^2m_{200}^{(21)}m_{221}^{(20)} + 2(m_{000}^{(21)})^2m_{200}^{(21)}m_{212}^{(10)} - (m_{000}^{(21)})^2m_{200}^{(22)}m_{320}^{(21)}\\
&+(m_{000}^{(21)})^2m_{200}^{(22)}m_{311}^{(11)} + (m_{000}^{(21)})^2m_{200}^{(22)}m_{230}^{(20)} - (m_{000}^{(21)})^2m_{200}^{(22)}m_{221}^{(10)}\\
&-(m_{000}^{(21)})^2m_{110}^{(00)}m_{221}^{(22)} + 2(m_{000}^{(21)})^2m_{110}^{(00)}m_{212}^{(21)} - (m_{000}^{(21)})^2m_{110}^{(00)}m_{203}^{(11)}\\
&+(m_{000}^{(21)})^2m_{110}^{(11)}m_{401}^{(22)} - 2(m_{000}^{(21)})^2m_{110}^{(11)}m_{302}^{(20)} + (m_{000}^{(21)})^2m_{110}^{(11)}m_{203}^{(00)}\\
&+2(m_{000}^{(21)})^2m_{110}^{(20)}m_{320}^{(22)} - 4(m_{000}^{(21)})^2m_{110}^{(20)}m_{311}^{(21)} + 2(m_{000}^{(21)})^2m_{110}^{(20)}m_{302}^{(11)}\\
&-2(m_{000}^{(21)})^2m_{110}^{(21)}m_{410}^{(22)} + 4(m_{000}^{(21)})^2m_{110}^{(21)}m_{311}^{(20)} - 2(m_{000}^{(21)})^2m_{110}^{(21)}m_{212}^{(00)}\\
&+2(m_{000}^{(21)})^2m_{110}^{(22)}m_{410}^{(21)} - (m_{000}^{(21)})^2m_{110}^{(22)}m_{401}^{(11)} - 2(m_{000}^{(21)})^2m_{110}^{(22)}m_{320}^{(20)}\\
&+(m_{000}^{(21)})^2m_{110}^{(22)}m_{221}^{(00)} + (m_{000}^{(21)})^2m_{101}^{(00)}m_{230}^{(22)} - 2(m_{000}^{(21)})^2m_{101}^{(00)}m_{221}^{(21)}\\
&+(m_{000}^{(21)})^2m_{101}^{(00)}m_{212}^{(11)} - 2(m_{000}^{(21)})^2m_{101}^{(10)}m_{320}^{(22)} + 4(m_{000}^{(21)})^2m_{101}^{(10)}m_{311}^{(21)}\\
&-2(m_{000}^{(21)})^2m_{101}^{(10)}m_{302}^{(11)} + (m_{000}^{(21)})^2m_{101}^{(11)}m_{410}^{(22)} - 2(m_{000}^{(21)})^2m_{101}^{(11)}m_{401}^{(21)}\\
&+2(m_{000}^{(21)})^2m_{101}^{(11)}m_{302}^{(10)} - (m_{000}^{(21)})^2m_{101}^{(11)}m_{212}^{(00)} + 2(m_{000}^{(21)})^2m_{101}^{(21)}m_{401}^{(11)}\\
&-4(m_{000}^{(21)})^2m_{101}^{(21)}m_{311}^{(10)} + 2(m_{000}^{(21)})^2m_{101}^{(21)}m_{221}^{(00)} - (m_{000}^{(21)})^2m_{101}^{(22)}m_{410}^{(11)}\\
&+2(m_{000}^{(21)})^2m_{101}^{(22)}m_{320}^{(10)} - (m_{000}^{(21)})^2m_{101}^{(22)}m_{230}^{(00)} + (m_{000}^{(21)})^2m_{020}^{(00)}m_{311}^{(22)}\\
&-(m_{000}^{(21)})^2m_{020}^{(00)}m_{302}^{(21)} - (m_{000}^{(21)})^2m_{020}^{(00)}m_{212}^{(20)} + (m_{000}^{(21)})^2m_{020}^{(00)}m_{203}^{(10)}\\
&-(m_{000}^{(21)})^2m_{020}^{(10)}m_{401}^{(22)} + 2(m_{000}^{(21)})^2m_{020}^{(10)}m_{302}^{(20)} - (m_{000}^{(21)})^2m_{020}^{(10)}m_{203}^{(00)}\\
&-(m_{000}^{(21)})^2m_{020}^{(20)}m_{410}^{(22)} + 2(m_{000}^{(21)})^2m_{020}^{(20)}m_{401}^{(21)} - 2(m_{000}^{(21)})^2m_{020}^{(20)}m_{302}^{(10)}
\end{aligned}
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\begin{aligned}
&+(m_{000}^{(21)})^2 m_{020}^{(20)} m_{212}^{(00)} + (m_{000}^{(21)})^2 m_{020}^{(21)} m_{500}^{(22)} - 2(m_{000}^{(21)})^2 m_{020}^{(21)} m_{401}^{(20)} \\
&+(m_{000}^{(21)})^2 m_{020}^{(21)} m_{302}^{(00)} - (m_{000}^{(21)})^2 m_{020}^{(22)} m_{500}^{(21)} + (m_{000}^{(21)})^2 m_{020}^{(22)} m_{410}^{(20)} \\
&+(m_{000}^{(21)})^2 m_{020}^{(22)} m_{401}^{(10)} - (m_{000}^{(21)})^2 m_{020}^{(22)} m_{311}^{(00)} - (m_{000}^{(21)})^2 m_{011}^{(00)} m_{320}^{(22)} \\
&+(m_{000}^{(21)})^2 m_{011}^{(00)} m_{302}^{(11)} + 2(m_{000}^{(21)})^2 m_{011}^{(00)} m_{221}^{(20)} - 2(m_{000}^{(21)})^2 m_{011}^{(00)} m_{212}^{(10)} \\
&+2(m_{000}^{(21)})^2 m_{011}^{(10)} m_{410}^{(22)} - 4(m_{000}^{(21)})^2 m_{011}^{(10)} m_{311}^{(20)} + 2(m_{000}^{(21)})^2 m_{011}^{(10)} m_{212}^{(00)} \\
&-(m_{000}^{(21)})^2 m_{011}^{(11)} m_{500}^{(22)} + 2(m_{000}^{(21)})^2 m_{011}^{(11)} m_{401}^{(20)} - (m_{000}^{(21)})^2 m_{011}^{(11)} m_{302}^{(00)} \\
&-2(m_{000}^{(21)})^2 m_{011}^{(20)} m_{401}^{(11)} + 4(m_{000}^{(21)})^2 m_{011}^{(20)} m_{311}^{(10)} - 2(m_{000}^{(21)})^2 m_{011}^{(20)} m_{221}^{(00)} \\
&+(m_{000}^{(21)})^2 m_{011}^{(22)} m_{500}^{(11)} - 2(m_{000}^{(21)})^2 m_{011}^{(22)} m_{410}^{(10)} + (m_{000}^{(21)})^2 m_{011}^{(22)} m_{320}^{(00)} \\
&+(m_{000}^{(21)})^2 m_{002}^{(00)} m_{320}^{(21)} - (m_{000}^{(21)})^2 m_{002}^{(00)} m_{311}^{(11)} - (m_{000}^{(21)})^2 m_{002}^{(00)} m_{230}^{(20)} \\
&+(m_{000}^{(21)})^2 m_{002}^{(00)} m_{221}^{(10)} - 2(m_{000}^{(21)})^2 m_{002}^{(10)} m_{410}^{(21)} + (m_{000}^{(21)})^2 m_{002}^{(10)} m_{401}^{(11)} \\
&+2(m_{000}^{(21)})^2 m_{002}^{(10)} m_{320}^{(20)} - (m_{000}^{(21)})^2 m_{002}^{(10)} m_{221}^{(00)} + (m_{000}^{(21)})^2 m_{002}^{(11)} m_{500}^{(21)} \\
&-(m_{000}^{(21)})^2 m_{002}^{(11)} m_{410}^{(20)} - (m_{000}^{(21)})^2 m_{002}^{(11)} m_{401}^{(10)} + (m_{000}^{(21)})^2 m_{002}^{(11)} m_{311}^{(00)} \\
&+(m_{000}^{(21)})^2 m_{002}^{(20)} m_{410}^{(11)} - 2(m_{000}^{(21)})^2 m_{002}^{(20)} m_{320}^{(10)} + (m_{000}^{(21)})^2 m_{002}^{(20)} m_{230}^{(00)} \\
&-(m_{000}^{(21)})^2 m_{002}^{(21)} m_{500}^{(11)} + 2(m_{000}^{(21)})^2 m_{002}^{(21)} m_{410}^{(10)} - (m_{000}^{(21)})^2 m_{002}^{(21)} m_{320}^{(00)}
\end{aligned}
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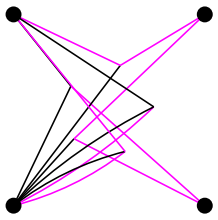
Generating graph:

$$
\begin{array}{ccccc}
V1 & V1 & 1 & 1 & 1 \\
1 & 1 & V2 & 2 & V3 \\
V2 & 2 & V3 & V4 & V4
\end{array}
$$